

Full&Default Power Mode

DSM50_Ac1		Base Average Power (Watts)				Turn-up		Flare-Average Power (Watts)				Turn-up	
TX Channel		15W	18W	20W		15W	18W	15W	18W	20W		15W	18W
DSM50_Ac1	DSM50_Ac1	25.00	25.00	25.00		25.00	25.00	25.00	25.00	25.00		25.00	25.00
DSM50_Ac1	GSM T Tx test	33.01	32.80	33.00		34.00	34.01	23.00	24.00	24.00		25.00	25.00
DSM50_Ac1	EDGE18T Tx test	32.82	32.81	32.80		34.00	33.92	23.01	23.81	23.96		24.00	24.00
DSM50_Ac1	EDGE18C Tx test	27.00	26.99	27.00		28.00	27.99	23.00	23.99	24.00		24.00	24.00
DSM50_Ac1	EDGE18B Tx test	27.00	26.98	27.00		28.00	27.99	23.00	23.75	23.77		24.00	24.00
DSM50_Ac1	EDGE18A Tx test	27.00	26.99	27.00		28.00	27.99	23.00	23.75	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk1 Tx test	33.01	32.77	32.83		34.00	33.91	23.01	23.77	23.85		24.00	24.00
DSM50_Ac1	EDGE18Mk2 Tx test	26.78	26.63	26.68		31.00	28.78	23.00	23.83	23.82		24.00	24.00
DSM50_Ac1	EDGE18Mk3 Tx test	26.78	26.63	26.68		31.00	28.78	23.00	23.83	23.82		24.00	24.00
DSM50_Ac1	EDGE18Mk4 Tx test	26.72	26.67	26.72		31.00	28.72	23.00	23.77	23.78		24.00	24.00
DSM50_Ac1	EDGE18Mk5 Tx test	26.77	26.61	26.67		31.00	28.77	23.01	23.81	23.81		24.00	24.00
DSM50_Ac1	EDGE18Mk6 Tx test	26.77	26.61	26.67		31.00	28.77	23.01	23.81	23.81		24.00	24.00
DSM50_Ac1	EDGE18Mk7 Tx test	26.77	26.61	26.67		31.00	28.77	23.01	23.81	23.81		24.00	24.00
DSM50_Ac1	EDGE18Mk8 Tx test	26.77	26.61	26.67		31.00	28.77	23.01	23.81	23.81		24.00	24.00
DSM50_Ac1	EDGE18Mk9 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk10 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk11 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk12 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk13 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk14 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk15 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk16 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk17 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk18 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk19 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk20 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk21 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk22 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk23 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk24 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk25 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk26 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk27 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk28 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk29 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk30 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk31 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk32 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk33 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk34 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk35 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk36 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk37 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk38 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk39 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk40 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk41 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk42 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk43 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk44 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk45 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk46 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk47 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk48 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk49 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk50 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk51 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk52 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk53 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk54 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk55 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk56 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk57 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk58 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk59 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk60 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk61 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk62 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk63 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk64 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk65 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk66 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk67 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk68 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk69 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk70 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk71 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk72 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk73 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk74 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk75 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk76 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk77 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk78 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk79 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk80 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk81 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk82 Tx test	26.72	26.60	26.66		31.00	28.72	23.00	23.77	23.77		24.00	24.00
DSM50_Ac1	EDGE18Mk83 Tx test	26.72	26.60	26.66		31.00	28.72	23.00					

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		WCDAV_V4_J4-1				WCDAV_V4_J4-5			
TX Channel		1312	1413	1513	Total Up	1312	1413	Total Up	
Frequency (MHz)		17/24	18/24	16/26		17/24	18/26	16/26	
ISMP-Pair 1	ISMP-PA1	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA2	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA3	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA4	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA5	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA6	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA7	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA8	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA9	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA10	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA11	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA12	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA13	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA14	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA15	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA16	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA17	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA18	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA19	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA20	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA21	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA22	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA23	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA24	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA25	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA26	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA27	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA28	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA29	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA30	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA31	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA32	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA33	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA34	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA35	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA36	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA37	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA38	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA39	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA40	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA41	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA42	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA43	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA44	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA45	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA46	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA47	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA48	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA49	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA50	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA51	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA52	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA53	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA54	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA55	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA56	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA57	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA58	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA59	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA60	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA61	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA62	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA63	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA64	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA65	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA66	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA67	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA68	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA69	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA70	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA71	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA72	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA73	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA74	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA75	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA76	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA77	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA78	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA79	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA80	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA81	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA82	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA83	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA84	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA85	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA86	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA87	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA88	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA89	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA90	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA91	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA92	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA93	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA94	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA95	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA96	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA97	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA98	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA99	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA100	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA101	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA102	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA103	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA104	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA105	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA106	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA107	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA108	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA109	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA110	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA111	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA112	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA113	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA114	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA115	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA116	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA117	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA118	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA119	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA120	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA121	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA122	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA123	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA124	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA125	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA126	23.03	24.04	25.05	23.03	23.03	24.04	25.05	
ISMP-Pair 1	ISMP-PA127	23.03	24.04	25.05	23.03	23.03</			



Band 2_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (Ch/Freq)	Power Mid (Ch/Freq)	Power High (Ch/Freq)	Turn-up Int (dB)	MPR (dB)	
Channel									
18700 18800 19100									
20	QPSK	1	0	23.78	23.92	23.78			
20	QPSK	1	49	23.61	23.70	23.63	24.3	0	
20	QPSK	1	99	23.48	23.55	23.41			
20	QPSK	50	0	23.78	23.79	23.78			
20	QPSK	50	24	23.63	22.78	22.72	23.3	1	
20	QPSK	50	50	23.69	22.71	22.67			
20	QPSK	100	0	23.78	23.74	23.69			
20	QPSK	100	24	23.77	23.68	23.67			
20	HQPSK	1	0	23.04	23.05	23.04			
20	HQPSK	1	49	22.81	22.78	22.76	23.3	1	
20	HQPSK	50	0	21.62	21.76	21.75			
20	HQPSK	50	24	21.73	21.76	21.75			
20	HQPSK	50	50	21.67	21.73	21.71	22.3	2	
20	HQPSK	100	0	21.73	21.74	21.69			
20	HQPSK	100	24	21.70	21.68	21.67			
20	HQPSK	1	49	21.84	21.94	21.89	22.3	2	
20	HQPSK	1	99	21.73	21.80	21.80			
20	HQPSK	50	0	20.59	20.66	20.60			
20	HQPSK	50	24	20.61	20.72	20.63	21.3	3	
20	HQPSK	50	50	20.59	20.68	20.63			
20	HQPSK	100	0	18.41	18.51	18.48			
20	HQPSK	100	24	18.43	18.46	18.34	19.3	5	
20	HQPSK	1	99	18.33	18.33	18.42			
20	HQPSK	50	0	18.41	18.45	18.33			
20	HQPSK	50	24	18.53	18.46	18.42			
20	HQPSK	50	50	18.41	18.42	18.31	19.3	5	
20	HQPSK	100	0	18.53	18.44	18.51			
Channel									
18875 18900 19025									
15	QPSK	1	0	23.64	23.73	23.75			
15	QPSK	1	37	23.61	23.81	23.63	24.3	0	
15	QPSK	1	74	23.59	23.80	23.52			
15	QPSK	50	0	23.67	23.73	23.68			
15	QPSK	50	20	22.67	22.72	22.63	23.3	1	
15	QPSK	50	36	22.61	22.62	22.66			
15	QPSK	75	0	22.53	22.65	22.63			
15	QPSK	75	20	22.53	22.61	22.59	23.3	1	
15	HQPSK	1	0	23.01	23.01	23.05			
15	HQPSK	1	37	22.98	22.99	22.99	23.3	1	
15	HQPSK	36	0	21.53	21.66	21.60			
15	HQPSK	36	20	21.68	21.70	21.62	22.3	2	
15	HQPSK	36	50	21.68	21.71	21.68			
15	HQPSK	75	0	21.71	21.64	21.64			
15	HQPSK	75	20	21.69	21.83	21.80	22.3	2	
15	HQPSK	75	50	21.67	21.83	21.83			
15	HQPSK	1	0	20.59	20.60	20.67			
15	HQPSK	1	37	20.59	20.75	20.67	21.3	3	
15	HQPSK	1	74	20.59	20.60	20.54			
15	HQPSK	50	0	18.33	18.36	18.39			
15	HQPSK	50	20	18.33	18.38	18.53	19.3	5	
15	HQPSK	50	36	18.38	18.33	18.52			
15	HQPSK	36	50	18.33	18.43	18.44	19.3	5	
15	HQPSK	75	0	18.33	18.43	18.44			
15	HQPSK	75	20	18.33	18.43	18.44			
Channel									
18950 19000 19150									
10	QPSK	1	0	23.77	23.74	23.72			
10	QPSK	1	37	23.62	23.82	23.71	24.3	0	
10	QPSK	1	49	23.61	23.86	23.63			
10	QPSK	25	0	22.66	22.67	22.64			
10	QPSK	25	12	22.68	22.77	22.60	23.3	1	
10	QPSK	25	24	22.60	22.64	22.52			
10	QPSK	50	0	22.58	22.61	22.62			
10	QPSK	50	24	22.62	22.65	22.63	23.3	1	
10	QPSK	1	0	22.57	22.67	22.63			
10	QPSK	1	37	22.57	22.67	22.63	23.3	1	
10	QPSK	1	49	22.57	22.67	22.63			
10	HQPSK	1	0	22.47	22.70	22.63			
10	HQPSK	25	0	21.59	21.69	21.63			
10	HQPSK	25	12	21.73	21.79	21.72	22.3	2	
10	HQPSK	25	24	21.71	21.77	21.65			
10	HQPSK	50	0	21.62	21.73	21.72			
10	HQPSK	50	12	21.76	21.78	21.72	22.3	2	
10	HQPSK	50	24	21.70	21.74	21.65			
10	HQPSK	1	0	20.60	20.71	20.63			
10	HQPSK	25	0	20.63	20.77	20.62	21.3	3	
10	HQPSK	25	12	20.69	20.77	20.62			
10	HQPSK	25	24	20.62	20.77	20.65			
10	HQPSK	50	0	18.33	18.37	18.33			
10	HQPSK	50	12	18.33	18.36	18.39	19.3	5	
10	HQPSK	50	24	18.33	18.38	18.33			
10	HQPSK	100	0	18.33	18.37	18.33			
10	HQPSK	100	24	18.33	18.43	18.44			
Channel									
19025 19050 19175									
5	QPSK	1	0	23.73	23.75	23.71			
5	QPSK	1	12	23.59	23.85	23.71	24.3	0	
5	QPSK	1	24	23.58	23.85	23.63			
5	QPSK	12	0	22.67	22.68	22.72			
5	QPSK	12	7	22.67	22.63	22.62	23.3	1	
5	QPSK	12	14	22.67	22.68	22.63			
5	QPSK	25	0	22.53	22.62	22.63			
5	QPSK	25	7	22.56	22.62	22.52	23.3	1	
5	QPSK	25	14	22.56	22.62	22.56			
5	QPSK	50	0	22.56	22.58	22.56			
5	QPSK	50	7	22.58	22.75	22.64	23.3	1	
5	QPSK	50	14	22.57	22.75	22.64			
5	QPSK	12	7	21.64	21.67	21.62	23.3	2	
5	QPSK	12	13	21.68	21.67	21.68			
5	QPSK	12	20	21.63	21.63	21.66			
5	QPSK	1	0	21.74	21.78	21.77			
5	QPSK	1	12	21.62	21.68	21.66	23.3	2	
5	QPSK	1	24	21.72	21.78	21.68			
5	QPSK	12	0	20.53	20.70	20.55			
5	QPSK	12	7	20.57	20.76	20.53	21.3	3	
5	QPSK	12	14	20.56	20.81	20.51			
5	QPSK	25	0	20.44	20.71	20.61			
5	QPSK	25	7	20.48	20.81	20.61	19.3	5	
5	QPSK	25	14	20.47	20.85	20.61			
5	QPSK	50	0	18.33	18.45	18.41			
5	QPSK	50	7	18.33	18.32	18.30			
5	QPSK	50	14	18.33	18.40	18.33	19.3	5	
5	QPSK	100	0	18.33	18.35	18.37			
5	QPSK	100	14	18.33	18.43	18.38			
Channel									
19050 19075 19150									
3	QPSK	1	0	23.75	23.75	23.71			
3	QPSK	1	8	23.57	23.85	23.48	24.3	0	
3	QPSK	1	14	23.38	23.88	23.87			
3	QPSK	1	20	23.38	23.88	23.86			
3	QPSK	8	0	22.56	22.70	22.51	23.3	1	
3	QPSK	8	7	22.63	22.57	22.45			
3	QPSK	8	14	22.67	22.59	22.47			
3	QPSK	15	0	22.56	22.70	22.67			
3	QPSK	15	7	22.56	22.62	22.52	23.3	1	
3	HQPSK	1	0	22.56	22.60	22.52			
3	HQPSK	1	8	22.62	22.74	22.61	23.3	1	
3	HQPSK	1	14	22.57	22.74	22.61			
3	HQPSK	8	0	21.53	21.74	21.71			
3	HQPSK	8	7	21.54	21.61	21.68	23.3	2	
3	HQPSK	8	14	21.71	21.68	21.63			
3	HQPSK	15	0	21.67	21.78	21.82			
3	HQPSK	1	0	21.82	21.82	21.86	23.3	2	
3	HQPSK	1	8	21.82	21.82	21.86			
3	HQPSK	1	14	21.82	21.86	21.86			
3	HQPSK	8	0	20.49	20.62	20.48	21.3	3	
3	HQPSK	8	7	20.48	20.84	20.48			
3	HQPSK	8	14	20.51	20.86	20.48			
3	HQPSK	15	0	18.37	18.50	18.45			
3	HQPSK	15	7	18.42	18.42	18.35	19.3	5	
3	HQPSK	15	14	18.47	18.42	18.38			
3	HQPSK	8	0	18.33	18.32	18.30			
3	HQPSK	8	7	18.37	18.38	18.37			
3	HQPSK	8	14	18.33	18.30	18.45	19.3	5	
3	HQPSK	15	0	18.30	18.38	18.39			
Channel									
19077 19050 19175									
1.4	QPSK	1	0	23.68	23.71	23.70			
1.4	QPSK	1	8	23.57	23.79	23.63	24.3	0	
1.4	QPSK	1	14	23.59	23.85	23.64			
1.4	QPSK	3	0	23.75	23.79	23.74			
1.4	QPSK	3	8	23.43	23.53	23.39	24.3	1	
1.4	QPSK	3	14	23.28	23.60	23.47			
1.4	QPSK	6	0	22.58	22.60	22.56	23.3	1	
1.4	QPSK	6	7	22.57	22.62	22.51			
1.4	QPSK	6	14	22.57	22.62	22.51			
1.4	HQPSK	1	0	22.57	22.62	22.51			
1.4	HQPSK	1	8	22.77	22.82	22.76	23.3	1	
1.4	HQPSK	1	14	22.63	22.65	22.68			
1.4	HQPSK	3	0	22.63	22.65	22.68			
1.4	HQPSK	3	8	22.68	22.68	22.63	23.3	2	
1.4	HQPSK	3	14	22.55	22.59	22.54			
1.4	HQPSK	6	0	21.51	21.61	21.54	22.3	2	
1.4	HQPSK	6	7	21.81	21.77	21.72			
1.4	HQPSK	6	14	21.92	22.04	22.02			
1.4	HQPSK	1	0	21.72	21.77	21.72			
1.4	HQPSK	1	8	21.82	21.83	21.82	22.3	2	
1.4	HQPSK	1	14	21.86	21.83	21.80	</		

Band 4_Ant 4												Band 4_Ant 6												Band 4_Ant 5												Band 4_Ant 0											
BW [MHz]	Modulation	RB	SSB Offset	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Time-up (min)	MPE (dB)	BW [MHz]	Modulation	RB	SSB Offset	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Time-up (min)	MPE (dB)	BW [MHz]	Modulation	RB	SSB Offset	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Time-up (min)	MPE (dB)	BW [MHz]	Modulation	RB	SSB Offset	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Time-up (min)	MPE (dB)			
Channel				20050	17025	17045	17065	17085	17105			Channel				20050	17025	17045	17065	17085			Channel				20050	17025	17045	17065	17085			Channel				20050	17025	17045	17065	17085					
10	QPSK	1	0	24.36	24.36	24.36	24.36	24.36	24.36	25	0	20	QPSK	1	0	24.36	24.36	24.36	24.36	24.36	24.36	25	0	20	QPSK	1	0	24.36	24.36	24.36	24.36	24.36	24.36	25	0	20	QPSK	1	0	24.36	24.36	24.36	24.36	24.36	24.36	25	0
10	QPSK	1	49	24.36	24.36	24.36	24.36	24.36	24.36	25	0	20	QPSK	1	49	24.36	24.36	24.36	24.36	24.36	24.36	25	0	20	QPSK	1	49	24.36	24.36	24.36	24.36	24.36	24.36	25	0	20	QPSK	1	49	24.36	24.36	24.36	24.36	24.36	24.36	25	0
20	QPSK	1	99	24.37	24.38	24.38	24.38	24.38	24.38	25	0	20	QPSK	1	99	24.37	24.38	24.38	24.38	24.38	24.38	25	0	20	QPSK	1	99	24.37	24.38	24.38	24.38	24.38	24.38	25	0	20	QPSK	1	99	24.37	24.38	24.38	24.38	24.38	24.38	25	0
20	QPSK	1	149	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	149	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	149	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	149	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	199	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	199	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	199	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	199	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	249	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	249	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	249	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	249	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	299	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	299	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	299	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	299	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	349	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	349	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	349	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	349	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	399	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	399	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	399	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	399	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	449	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	449	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	449	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	449	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	499	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	499	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	499	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	499	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	549	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	549	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	549	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	549	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	599	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	599	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	599	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	599	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	649	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	649	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	649	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	649	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	699	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	699	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	699	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	699	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	749	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	749	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	749	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	749	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	799	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	799	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	799	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	799	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	849	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	849	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	849	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	849	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	899	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	899	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	899	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	899	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	949	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	949	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	949	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	949	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	999	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	999	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	999	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	999	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	1049	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1049	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1049	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1049	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	1099	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1099	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1099	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1099	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	1149	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1149	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1149	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1149	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	1199	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1199	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1199	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1199	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	1249	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1249	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1249	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1249	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	1299	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1299	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1299	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1299	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	1349	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1349	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1349	24.37	24.41	24.41	24.41	24.41	24.41	25	0	20	QPSK	1	1349	24.37	24.41	24.41	24.41	24.41	24.41	25	0
20	QPSK	1	1399	24.37	24.41</																																										

Band 5_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch [Freq]	Power High Ch [Freq]	Power High Ch [Freq]	Turnup time (min)	MPR (dB)		
Channel										
Frequency (MHz)				20450	20525	20600				
16	QPSK	1	0	24.19	24.29	24.32				
16	QPSK	1	25	24.11	24.24	24.13				
16	QPSK	1	49	24.10	24.14	24.13	25	0		
16	QPSK	25	0	23.10	23.24	23.11				
16	QPSK	25	1	23.10	23.15	23.03				
16	QPSK	25	25	23.10	23.22	23.09				
16	QPSK	50	0	22.97	23.10	22.97				
16	HQAM	1	0	23.24	23.35	23.32				
16	HQAM	1	25	23.44	23.45	23.35	24	1		
16	HQAM	1	49	23.32	23.46	23.38				
16	HQAM	25	0	22.98	22.99	22.97				
16	HQAM	25	12	22.10	22.18	22.08	23			
16	HQAM	25	25	22.11	22.19	22.14				
16	HQAM	50	0	22.95	22.95	22.90				
16	HQAM	1	0	22.97	22.99	22.94				
16	HQAM	1	25	22.97	22.99	22.94				
16	HQAM	1	49	22.10	22.20	22.15				
16	HQAM	25	0	21.16	21.26	21.10	22	3		
16	HQAM	25	12	21.17	21.19	21.12				
16	HQAM	25	25	21.16	21.22	21.17				
16	HQAM	50	0	21.14	21.16	21.02				
16	HQAM	1	0	19.11	19.06	19.06				
16	HQAM	1	25	18.94	19.06	18.90	20	5		
16	HQAM	1	49	18.93	19.03	18.90				
16	HQAM	25	0	18.91	19.07	19.01				
16	HQAM	25	12	18.97	19.03	18.91				
16	HQAM	25	25	18.94	18.93	18.90				
16	HQAM	50	0	18.90	19.10	19.02				
Channel										
Frequency (MHz)				20415	20500	20585	Turnup time (min)	MPR (dB)		
5	QPSK	1	0	24.09	24.16	24.08				
5	QPSK	1	12	24.07	24.20	23.98	25	0		
5	QPSK	1	24	23.97	24.13	24.08				
5	QPSK	12	0	23.93	23.93	23.91	24	1		
5	QPSK	12	7	22.98	23.05	22.96				
5	QPSK	12	13	22.98	23.05	22.96				
5	QPSK	25	0	22.93	23.01	22.85				
5	HQAM	1	0	23.22	23.26	23.19	24	1		
5	HQAM	1	12	23.05	23.31	23.10				
5	HQAM	1	24	23.27	23.36	23.33				
5	HQAM	12	7	22.98	22.98	22.90	22	2		
5	HQAM	12	13	22.94	22.98	22.90				
5	HQAM	25	0	21.95	22.00	21.90	23	2		
5	HQAM	25	1	22.93	22.93	22.90				
5	HQAM	1	12	22.90	22.24	22.16				
5	HQAM	1	24	22.97	22.99	22.92				
5	HQAM	12	0	21.08	21.15	21.02				
5	HQAM	12	7	21.05	21.16	21.10	22	3		
5	HQAM	12	13	21.02	21.06	21.00				
5	HQAM	25	0	21.02	21.13	21.04				
5	HQAM	1	0	19.06	19.02	18.96	20	5		
5	HQAM	1	12	19.05	19.05	18.96				
5	HQAM	1	24	18.92	18.97	18.87				
5	HQAM	12	0	18.90	18.90	18.80				
5	HQAM	12	7	18.93	18.91	18.89				
5	HQAM	12	13	18.74	18.92	18.86				
5	HQAM	25	0	18.74	18.91	18.80				
Channel										
Frequency (MHz)				20415	20495	20575	Turnup time (min)	MPR (dB)		
3	QPSK	1	0	24.11	24.26	24.20				
3	QPSK	1	3	24.01	24.18	24.01	25	0		
3	QPSK	1	5	24.05	24.01	24.01				
3	QPSK	3	0	24.09	24.16	24.07				
3	QPSK	3	1	24.01	24.12	24.01				
3	QPSK	3	3	24.05	24.09	24.00				
3	QPSK	6	0	22.95	23.03	22.89	24	1		
3	HQAM	1	0	23.13	23.32	23.31				
3	HQAM	1	3	23.32	23.31	23.21				
3	HQAM	1	8	23.39	23.41	23.24	24	1		
3	HQAM	3	0	22.95	22.99	22.90				
3	HQAM	3	1	23.10	23.24	23.30	23	2		
3	HQAM	6	0	21.10	21.24	21.00				
3	HQAM	6	4	22.13	22.14	22.05				
3	HQAM	6	8	22.05	22.09	22.00				
3	HQAM	15	0	21.91	22.09	21.89				
3	HQAM	1	0	22.19	22.34	22.19	23	2		
3	HQAM	1	8	22.17	22.30	22.05				
3	HQAM	1	14	22.08	22.18	22.05				
3	HQAM	3	0	21.06	21.19	21.07	22	3		
3	HQAM	6	4	21.08	21.17	21.00				
3	HQAM	6	7	21.12	21.17	21.00				
3	HQAM	15	0	21.10	21.26	21.00				
3	HQAM	1	0	19.08	19.08	18.95	20	5		
3	HQAM	3	0	18.99	18.92	18.90				
3	HQAM	6	4	18.96	18.88	18.85				
3	HQAM	6	7	18.87	18.82	18.83				
3	HQAM	15	0	18.84	18.97	18.91				

Band 5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [Freq]	Power High Ch [Freq]	Power High Ch [Freq]	Turn-up time (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				20455	20455	20460				
				825	836.8	848				
16	QPSK	1	0	23.44	23.47	23.39			24.1	0
16	QPSK	1	25	23.37	23.45	23.35				
16	QPSK	1	49	23.30	23.36	23.34				
16	QPSK	25	0	22.22	22.30	22.24				
16	QPSK	25	25	22.27	22.42	22.33			23.1	1
16	QPSK	25	1	22.27	22.43	22.33				
16	QPSK	50	0	22.37	22.46	22.33				
16	HQAM	1	0	22.62	22.63	22.69				
16	HQAM	1	25	22.47	22.61	22.50			23.1	
16	HQAM	1	49	22.32	22.46	22.33				
16	HQAM	25	0	21.27	21.41	21.28				
16	HQAM	25	12	21.17	21.42	21.29				
16	HQAM	25	25	21.34	21.42	21.39			22.1	2
16	HQAM	50	0	21.21	21.34	21.25				
16	HQAM	1	0	21.44	21.58	21.47				
16	HQAM	1	25	21.39	21.54	21.46				
16	HQAM	1	49	21.41	21.52	21.37			22.1	3
16	HQAM	25	0	20.34	20.49	20.38				
16	HQAM	25	12	20.37	20.42	20.33				
16	HQAM	25	25	20.43	20.45	20.42				
16	HQAM	50	0	20.23	20.38	20.35			19.1	5
16	HQAM	1	0	18.20	18.24	18.22				
16	HQAM	1	25	18.20	18.23	18.24				
16	HQAM	1	49	18.28	18.35	18.18				
16	HQAM	25	0	18.25	18.36	18.31			19.1	5
16	HQAM	25	12	18.22	18.24	18.19				
16	HQAM	25	25	18.12	18.24	18.12				
16	HQAM	50	0	18.25	18.33	18.22				
Frequency (MHz)				825.5	836.5	847.5	Turn-up time (dBm)	MPR (dB)		
5	QPSK	1	0	23.43	23.37	23.27			24.1	0
5	QPSK	1	12	23.33	23.41	23.32				
5	QPSK	1	24	23.23	23.31	23.22				
5	QPSK	12	0	22.32	22.37	22.29				
5	QPSK	12	12	22.13	22.34	22.18			23.1	1
5	QPSK	12	24	22.03	22.34	22.17				
5	QPSK	24	0	22.24	22.36	22.23				
5	HQAM	1	0	22.51	22.55	22.57				
5	HQAM	1	12	22.37	22.59	22.39			23.1	1
5	HQAM	1	24	22.20	22.34	22.31				
5	HQAM	12	0	21.23	21.43	21.26				
5	HQAM	12	12	21.13	21.34	21.20				
5	HQAM	12	24	21.03	21.41	21.20			22.1	2
5	HQAM	24	0	20.12	20.37	20.12				
5	HQAM	1	0	21.43	21.57	21.49				
5	HQAM	1	12	21.33	21.46	21.36				
5	HQAM	1	24	21.23	21.46	21.36			22.1	2
5	HQAM	12	0	20.20	20.26	20.23				
5	HQAM	12	12	20.23	20.34	20.23				
5	HQAM	12	24	20.13	20.28	20.13				
5	HQAM	24	0	20.16	20.31	20.16			21.1	3
5	HQAM	24	12	20.06	20.28	20.06				
5	HQAM	24	24	20.06	20.18	20.06				
5	HQAM	48	0	18.23	18.26	18.23				
5	HQAM	1	0	18.19	18.15	18.17			19.1	5
5	HQAM	1	24	18.23	18.22	18.06				
5	HQAM	1	48	18.23	18.22	18.06				
5	HQAM	12	0	18.11	18.22	18.15				
5	HQAM	12	12	18.04	18.20	18.06			19.1	5
5	HQAM	12	24	18.04	18.20	18.06				
5	HQAM	24	0	18.04	18.20	18.06				
5	HQAM	24	12	18.04	18.20	18.06				
Channel				20415	20420	20435	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.43	23.42	23.31			24.1	0
3	QPSK	1	14	23.21	23.39	23.33				
3	QPSK	1	28	23.00	23.38	23.30				
3	QPSK	14	0	22.18	22.23	22.21				
3	QPSK	14	14	22.25	22.37	22.30			23.1	1
3	QPSK	14	28	22.22	22.43	22.22				
3	HQAM	1	0	22.54	22.54	22.59				
3	HQAM	1	14	22.36	22.40	22.42				
3	HQAM	1	28	22.12	22.43	22.37			23.1	1
3	HQAM	14	0	21.19	21.37	21.28				
3	HQAM	14	14	21.22	21.37	21.28				
3	HQAM	14	28	21.19	21.28	21.18				
3	HQAM	28	0	21.28	21.46	21.36			22.1	2
3	HQAM	1	0	21.25	21.47	21.35				
3	HQAM	1	14	21.33	21.41	21.29				
3	HQAM	1	28	21.29	21.43	21.33				
3	HQAM	14	0	20.33	20.39	20.25			21.1	3
3	HQAM	14	14	20.39	20.39	20.25				
3	HQAM	14	28	20.39	20.39	20.25				
3	HQAM	28	0	18.15	18.31	18.15				
3	HQAM	1	0	18.18	18.12	18.11			19.1	5
3	HQAM	1	14	18.22	18.22	18.11				
3	HQAM	1	28	18.22	18.22	18.11				
3	HQAM	14	0	18.22	18.28	18.28				
3	HQAM	14	14	18.22	18.27	18.27			19.1	5
3	HQAM	14	28	18.22	18.27	18.27				
3	HQAM	28	0	18.09	18.22	18.09				
3	HQAM	28	14	18.13	18.31	18.13				
Channel				824.7	835.5	846.5	Turn-up time (dBm)	MPR (dB)		
14	QPSK	1	0	23.31	23.44	23.36			24.1	0
14	QPSK	1	3	23.33	23.42	23.34				
14	QPSK	1	6	23.17	23.41	23.34				
14	QPSK	3	0	23.38	23.32	23.38				
14	QPSK	3	3	23.36	23.39	23.33			23.1	1
14	QPSK	3	6	23.22	23.21	23.23				
14	QPSK	6	0	22.25	22.30	22.30				
14	QPSK	6	3	22.27	22.31	22.31				
14	HQAM	1	0	22.33	22.52	22.47			23.1	1
14	HQAM	1	3	22.28	22.51	22.21				
14	HQAM	1	6	22.22	22.36	22.25				
14	HQAM	3	0	22.31	22.53	22.33				
14	HQAM	3	3	22.31	22.40	22.33			22.1	2
14	HQAM	3	6	22.22	22.36	22.25				
14	HQAM	6	0	21.29	21.21	21.21				
14	HQAM	6	3	21.27	21.43	21.43				
14	HQAM	6	6	21.31	21.45	21.45			22.1	2
14	HQAM	6	9	21.19	21.41	21.40				
14	HQAM	9	0	20.21	20.28	20.27				
14	HQAM	9	3	20.28	20.28	20.27				
14	HQAM	1	0	18.14	18.15	18.20			19.1	5
14	HQAM	1	3	18.14	18.21	18.18				
14	HQAM	1	6	18.15	18.27	18.17				
14	HQAM	3	0	18.09	18.15	18.17				
14	HQAM	3	3	18.09	18.12	18.03			19.1	5
14	HQAM	3	6	18.09	18.12	18.03				
14	HQAM	6	0	18.09	18.15	18.17				
14	HQAM	6	3	18.09	18.12	18.03				

Band 7_Ant 5												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/Freq]	Power Med Ch [F/Freq]	Power High Ch [F/Freq]	Turnup [dB]	MPE [dB]				
Channel												
Frequency (MHz)				20850	21050	21850						
20	QPSK	1	0	25.10	25.10	25.09			25	0		
20	QPSK	1	49	24.58	24.66	24.50						
20	QPSK	1	99	23.67	23.61	23.55						
20	QPSK	50	0	23.53	23.57	23.43						
20	QPSK	50	50	23.53	23.56	23.43						
20	HQAM	1	0	23.77	23.81	23.71			24	1		
20	HQAM	1	49	23.72	23.80	23.74						
20	HQAM	1	99	22.61	22.67	22.62						
20	HQAM	50	0	22.41	22.56	22.49						
20	HQAM	50	24	22.47	22.50	22.57						
20	HQAM	100	0	22.21	22.57	22.24			23	2		
20	HQAM	100	0	22.55	22.56	22.51						
20	HQAM	1	0	22.50	22.49	22.51						
20	HQAM	1	49	22.63	22.75	22.55						
20	HQAM	50	0	21.40	21.60	21.55						
20	HQAM	50	24	21.45	21.53	21.47			22	3		
20	HQAM	100	0	21.40	21.53	21.47						
20	HQAM	100	0	21.40	21.54	21.49						
20	25QAM	1	49	19.34	19.43	19.38						
20	25QAM	100	0	19.38	19.45	19.38						
Channel												
Frequency (MHz)				20850	21050	21850	Turnup [dB]	MPE [dB]				
15	QPSK	1	0	24.60	24.66	24.60			25	0		
15	QPSK	1	37	24.50	24.57	24.50						
15	QPSK	1	74	23.56	23.49	23.43						
15	QPSK	36	0	23.44	23.54	23.54						
15	QPSK	36	20	23.49	23.50	23.41						
15	QPSK	75	0	23.52	23.53	23.42			24	1		
15	HQAM	1	0	23.72	23.78	23.65						
15	HQAM	1	37	23.70	23.70	23.70						
15	HQAM	1	74	22.89	22.84	22.77						
15	HQAM	36	0	22.29	22.55	22.45						
15	HQAM	36	20	22.40	22.57	22.50			23	2		
15	HQAM	36	39	22.39	22.36	22.32						
15	HQAM	75	0	22.44	22.54	22.42						
15	HQAM	75	0	22.47	22.54	22.42						
15	HQAM	1	37	22.61	22.70	22.57						
15	HQAM	1	74	21.98	22.04	21.99			23	2		
15	HQAM	36	0	21.27	21.49	21.42						
15	HQAM	36	20	21.50	21.51	21.44						
15	HQAM	36	39	21.50	21.51	21.46						
15	25QAM	1	0	19.16	19.38	19.38						
15	25QAM	1	37	19.25	19.33	19.28			20	5		
15	25QAM	1	74	19.20	19.31	19.28						
15	25QAM	36	0	19.11	19.20	19.11						
15	25QAM	36	20	19.25	19.33	19.28						
15	25QAM	36	39	19.25	19.32	19.24						
Channel												
Frequency (MHz)				20850	21050	21850	Turnup [dB]	MPE [dB]				
10	QPSK	1	0	25.05	25.05	25.05			25	0		
10	QPSK	1	24	24.54	24.58	24.50						
10	QPSK	1	49	23.48	23.58	23.54						
10	QPSK	25	0	23.53	23.53	23.51						
10	QPSK	25	12	23.54	23.53	23.51						
10	QPSK	25	25	23.54	23.54	23.51			24	1		
10	HQAM	1	0	23.69	23.69	23.68						
10	HQAM	1	25	23.63	23.76	23.60						
10	HQAM	1	50	22.58	22.62	22.63						
10	HQAM	25	0	22.35	22.41	22.45						
10	HQAM	25	12	22.44	22.49	22.51			23	2		
10	HQAM	25	25	22.34	22.34	22.34						
10	HQAM	50	0	22.50	22.50	22.48						
10	HQAM	50	25	22.50	22.51	22.48						
10	HQAM	1	0	22.59	22.65	22.59						
10	HQAM	1	49	22.50	21.97	21.95			22	3		
10	HQAM	1	99	21.50	21.46	21.43						
10	HQAM	25	12	21.37	21.57	21.49						
10	HQAM	25	26	21.35	21.39	21.38						
10	HQAM	50	0	21.45	21.45	21.45						
10	HQAM	50	26	21.45	21.45	21.45			20	5		
10	HQAM	1	0	19.28	19.43	19.38						
10	HQAM	1	26	19.31	19.28	19.21						
10	HQAM	1	50	19.22	19.42	19.29						
10	HQAM	25	0	19.20	19.28	19.28						
10	25QAM	1	0	19.20	19.35	19.35			20	5		
10	25QAM	1	26	19.25	19.35	19.27						
10	25QAM	1	50	19.32	19.35	19.29						
Channel												
Frequency (MHz)				20850	21050	21850	Turnup [dB]	MPE [dB]				
5	QPSK	1	0	24.61	24.55	24.57			25	0		
5	QPSK	1	12	24.56	24.54	24.57						
5	QPSK	1	24	23.53	23.57	23.42						
5	QPSK	12	0	23.53	23.55	23.45						
5	QPSK	12	7	23.43	23.52	23.38						
5	QPSK	12	13	23.49	23.55	23.05			24	1		
5	QPSK	25	0	23.53	23.52	23.52						
5	HQAM	1	0	23.69	23.79	23.66						
5	HQAM	1	12	23.68	23.75	23.68						
5	HQAM	1	24	22.78	22.88	22.93						
5	HQAM	1	49	22.50	22.53	22.54			23	2		
5	HQAM	12	7	22.45	22.53	22.54						
5	HQAM	12	13	22.21	22.31	22.11						
5	HQAM	36	0	22.52	22.48	22.48						
5	HQAM	36	1	22.42	22.60	22.53						
5	HQAM	1	12	22.61	22.64	22.53			22	3		
5	HQAM	1	24	21.89	22.07	22.02						
5	HQAM	12	7	21.39	21.42	21.37						
5	HQAM	12	13	21.45	21.45	21.42						
5	HQAM	25	0	21.38	21.32	21.36						
5	HQAM	25	0	21.38	21.44	21.42			20	5		
5	25QAM	1	24	19.21	19.41	19.29						
5	25QAM	1	49	19.25	19.35	19.30						
5	25QAM	12	7	19.20	19.27	19.34						
5	25QAM	12	13	19.20	19.37	19.30						

Band 7_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/Freq]	Power Med Ch [F/Freq]	Power High Ch [F/Freq]	Turn-up [dB]	MPE [dB]				
Channel												
Frequency (MHz)				20850	21000	21050						
20	QPSK	1	0	23.50	23.70	23.02			23.8	0		
20	QPSK	1	99	23.54	23.66	23.55						
20	QPSK	1	99	22.91	22.76	22.74						
20	QPSK	50	24	22.54	22.87	22.53						
20	QPSK	50	50	22.53	22.61	22.54						
20	QPSK	100	0	22.78	22.93	22.77			22.8	1		
20	HQAM	1	0	23.58	23.72	23.69						
20	HQAM	1	49	22.88	22.77	22.71						
20	HQAM	1	99	22.83	22.57	22.58						
20	HQAM	50	0	21.65	21.77	21.63						
20	HQAM	50	24	21.61	21.74	21.60			21.8	2		
20	HQAM	100	0	21.76	21.79	21.64						
20	HQAM	100	0	21.68	21.77	21.76						
20	HQAM	1	49	21.03	21.73	21.56			20.8			
20	HQAM	1	99	21.22	21.37	21.28						
20	HQAM	50	24	20.66	20.73	20.66						
20	HQAM	50	50	20.72	20.79	20.64						
20	HQAM	100	0	20.78	20.85	20.69						
20	25GSM	1	0	18.53	18.63	18.51			18.8	5		
20	25GSM	1	49	18.48	18.51	18.43						
20	25GSM	1	99	18.46	18.55	18.45						
20	25GSM	50	0	18.42	18.48	18.34						
20	25GSM	50	24	18.48	18.50	18.44						
20	25GSM	100	0	18.49	18.54	18.47			Turn-up [dB]	MPE [dB]		
Frequency (MHz)				20850	21000	21050						
15	QPSK	1	0	23.47	23.71	23.02					23.8	0
15	QPSK	1	97	23.43	23.65	23.57						
15	QPSK	1	97	22.88	22.68	22.67						
15	QPSK	36	0	22.58	22.62	22.49						
15	QPSK	36	24	22.53	22.63	22.47						
15	QPSK	76	0	22.46	22.50	22.44			22.8	1		
15	QPSK	76	0	22.53	22.74	22.71						
15	HQAM	1	0	23.61	23.75	23.64						
15	HQAM	1	97	22.62	22.68	22.54						
15	HQAM	1	74	22.51	22.52	22.48						
15	HQAM	36	0	21.72	21.76	21.61			21.8	2		
15	HQAM	36	20	21.47	21.71	21.57						
15	HQAM	36	36	21.67	21.65	21.58						
15	HQAM	76	0	21.78	21.76	21.63						
15	HQAM	1	0	21.48	21.60	21.61						
15	HQAM	1	97	21.57	21.59	21.56			20.8	3		
15	HQAM	36	0	20.49	20.61	20.58						
15	HQAM	36	36	20.63	20.59	20.56						
15	HQAM	76	0	20.76	20.76	20.64						
15	HQAM	76	0	20.72	20.72	20.65						
15	25GSM	1	0	18.48	18.58	18.55			18.8	5		
15	25GSM	1	97	18.34	18.39	18.37						
15	25GSM	1	74	18.30	18.41	18.43						
15	25GSM	36	0	18.47	18.40	18.35						
15	25GSM	36	36	18.50	18.51	18.35						
15	25GSM	76	0	18.52	18.50	18.38			Turn-up [dB]	MPE [dB]		
Frequency (MHz)				20850	21000	21050						
10	QPSK	1	0	23.50	23.70	23.02					23.8	0
10	QPSK	1	25	23.51	23.62	23.53						
10	QPSK	1	49	22.53	22.68	22.73						
10	QPSK	12	0	22.59	22.68	22.63						
10	QPSK	25	12	22.39	22.53	22.43						
10	QPSK	25	24	22.43	22.47	22.41			22.8	1		
10	HQAM	1	0	23.49	23.65	23.43						
10	HQAM	1	0	22.57	22.70	22.59						
10	HQAM	1	25	22.51	22.49	22.46						
10	HQAM	12	0	22.43	22.54	22.47						
10	HQAM	25	0	21.58	21.65	21.49			21.8	2		
10	HQAM	25	12	21.66	21.78	21.63						
10	HQAM	50	0	21.53	21.62	21.60						
10	HQAM	50	12	21.67	21.57	21.51						
10	HQAM	1	25	21.59	21.59	21.52						
10	HQAM	1	49	21.19	21.23	21.14			20.8	3		
10	HQAM	12	12	21.74	21.68	21.62						
10	HQAM	25	24	20.67	20.69	20.51						
10	HQAM	25	12	20.74	20.71	20.64						
10	HQAM	1	0	18.48	18.53	18.30						
10	25GSM	1	25	18.42	18.41	18.31			18.8	5		
10	25GSM	1	49	18.45	18.49	18.35						
10	25GSM	25	0	18.32	18.47	18.31						
10	25GSM	25	12	18.48	18.45	18.35						
10	25GSM	25	24	18.50	18.50	18.43						
10	25GSM	50	0	18.39	18.47	18.29			Turn-up [dB]	MPE [dB]		
Frequency (MHz)				20850	21000	21050						
5	QPSK	1	0	23.48	23.68	23.54					23.8	0
5	QPSK	1	12	23.49	23.58	23.46						
5	QPSK	12	0	22.52	22.70	22.46						
5	QPSK	12	7	22.52	22.63	22.46						
5	QPSK	45	0	22.45	22.59	22.33						
5	QPSK	26	0	22.60	22.71	22.57			22.8	1		
5	HQAM	1	0	23.68	23.78	23.64						
5	HQAM	1	24	22.50	22.51	22.48						
5	HQAM	12	12	21.47	21.73	21.43						
5	HQAM	12	7	21.47	21.69	21.42						
5	HQAM	12	18	21.73	21.65	21.56			21.8	2		
5	HQAM	12	74	21.74	21.71	21.58						
5	HQAM	1	0	21.54	21.64	21.61						
5	HQAM	1	12	21.58	21.63	21.62						
5	HQAM	12	12	21.71	21.71	21.59						
5	HQAM	12	0	20.48	20.48	20.54			20.8	3		
5	HQAM	12	12	20.51	20.54	20.47						
5	HQAM	12	18	20.74	20.73	20.58						
5	HQAM	26	0	20.66	20.70	20.58						
5	HQAM	1	0	18.42	18.52	18.30						
5	25GSM	1	12	18.43	18.40	18.32			18.8	5		
5	25GSM	1	24	18.39	18.41	18.31						
5	25GSM	12	12	18.52	18.58	18.30						
5	25GSM	12	0	18.48	18.56	18.32						
5	25GSM	12	18	18.51	18.46	18.36						

Band 13_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPE (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.70			24.8	0				
10	QPSK	1	25	23.84								
10	QPSK	1	49	23.98			23.8	1				
10	QPSK	25	0	23.88								
10	QPSK	25	12	23.85			23.8	1				
10	QPSK	25	25	23.87								
10	QPSK	50	0	23.83			23.8	1				
10	16QAM	1	0	23.75								
10	16QAM	1	25	23.82			22.8	1				
10	16QAM	1	49	22.86								
10	16QAM	25	0	23.89			22.8	2				
10	16QAM	25	12	21.72								
10	16QAM	25	25	21.86			22.8	2				
10	16QAM	50	0	21.85								
10	16QAM	1	0	21.81			21.8	2				
10	16QAM	1	25	21.88								
10	16QAM	1	49	21.75			21.8	3				
10	16QAM	25	0	20.70								
10	16QAM	25	12	20.70			21.8	3				
10	16QAM	25	25	20.73								
10	16QAM	50	0	20.68			19.8	5				
10	256QAM	1	0	18.80								
10	256QAM	1	25	18.84			19.8	5				
10	256QAM	1	49	18.82								
10	256QAM	25	0	18.86			19.8	5				
10	256QAM	25	12	18.87								
10	256QAM	25	25	18.84			19.8	5				
10	256QAM	50	0	18.86								
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.63	23.62	23.67	24.8	0				
5	QPSK	1	12	23.69	23.64	23.83						
5	QPSK	1	24	23.43	23.47	23.34	23.8	1				
5	QPSK	12	0	23.68	23.60	23.66						
5	QPSK	12	7	22.60	22.60	22.64	23.8	1				
5	QPSK	12	13	22.63	22.63	22.63						
5	QPSK	25	0	22.57	22.60	22.66	23.8	1				
5	16QAM	1	0	22.73	22.72	22.85						
5	16QAM	1	12	22.80	22.80	22.81	23.8	1				
5	16QAM	1	24	22.74	22.84	22.86						
5	16QAM	12	0	21.65	21.64	21.68	22.8	2				
5	16QAM	12	7	21.60	21.61	21.68						
5	16QAM	12	13	21.61	21.61	21.64	22.8	2				
5	16QAM	25	0	21.67	21.66	21.70						
5	16QAM	1	0	21.67	21.66	21.66	22.8	2				
5	16QAM	1	12	21.70	21.69	21.66						
5	16QAM	12	0	20.88	20.85	20.88	21.8	3				
5	16QAM	12	7	20.83	20.84	20.85						
5	16QAM	12	13	20.80	20.84	20.71	19.8	5				
5	16QAM	25	0	20.82	20.84	20.85						
5	256QAM	1	0	18.42	18.44	18.44	18.8	5				
5	256QAM	1	12	18.41	18.40	18.45						
5	256QAM	12	0	18.41	18.40	18.45	18.8	5				
5	256QAM	12	7	18.40	18.38	18.45						
5	256QAM	12	13	18.40	18.36	18.45	18.8	5				
5	256QAM	25	0	18.40	18.36	18.41						

Band 13_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPE (dB)			
Channel				23205							
Frequency (MHz)				23205							
10	QPSK	1	0	22.95			23.9	0			
10	QPSK	1	25	22.87							
10	QPSK	1	49	22.86			22.9	1			
10	QPSK	25	0	21.90							
10	QPSK	25	12	21.81			22.9	1			
10	QPSK	25	25	21.79							
10	QPSK	50	0	21.80			22.9	1			
10	16QAM	1	0	22.03							
10	16QAM	1	25	22.02			21.9	2			
10	16QAM	1	49	22.03							
10	16QAM	25	0	20.81			21.9	2			
10	16QAM	25	12	20.88							
10	16QAM	25	25	20.84			21.9	2			
10	16QAM	50	0	20.76							
10	16QAM	1	0	20.80			21.9	2			
10	16QAM	1	25	20.82							
10	16QAM	1	49	20.82			20.9	3			
10	16QAM	25	0	19.84							
10	16QAM	25	12	19.85			20.9	3			
10	16QAM	25	25	19.85							
10	16QAM	50	0	19.85			18.9	5			
10	256QAM	1	0	17.85							
10	256QAM	1	25	17.88			18.9	5			
10	256QAM	1	49	17.80							
10	256QAM	25	0	17.86			18.9	5			
10	256QAM	25	12	17.88							
10	256QAM	25	25	17.89			18.9	5			
10	256QAM	50	0	17.81							
Channel				23205	23210	23205				Turn-up limit (dBm)	MPE (dB)
Frequency (MHz)				17.81	17.82	17.81					
5	QPSK	1	0	22.91	22.91	22.92	23.9	0			
5	QPSK	1	12	22.80	22.79	22.73					
5	QPSK	1	24	22.37	22.39	22.36	22.9	1			
5	QPSK	12	0	21.88	21.88	21.70					
5	QPSK	12	7	21.71	21.74	21.74	22.9	1			
5	QPSK	12	13	21.70	21.73	21.74					
5	QPSK	25	0	21.70	21.69	21.68	22.9	1			
5	16QAM	1	0	21.89	21.94	21.99					
5	16QAM	1	12	21.92	21.91	21.98	21.9	2			
5	16QAM	1	24	21.96	21.97	21.98					
5	16QAM	12	0	20.70	20.69	20.71	21.9	2			
5	16QAM	12	7	20.70	20.70	20.78					
5	16QAM	12	13	20.73	20.71	20.75	21.9	2			
5	16QAM	25	0	20.86	20.77	20.84					
5	16QAM	1	0	20.85	20.84	20.88	21.9	2			
5	16QAM	1	12	20.82	20.80	20.89					
5	16QAM	12	0	19.77	19.75	19.71	20.9	3			
5	16QAM	12	7	19.83	19.84	19.86					
5	16QAM	12	13	19.73	19.83	19.71	18.9	5			
5	16QAM	25	0	19.71	19.84	19.75					
5	256QAM	1	0	17.85	17.86	17.84	18.9	5			
5	256QAM	1	12	17.81	17.85	17.85					
5	256QAM	12	0	17.86	17.89	17.71	18.9	5			
5	256QAM	12	7	17.82	17.85	17.83					
5	256QAM	12	13	17.82	17.85	17.83	18.9	5			
5	256QAM	25	0	17.88	17.81	17.84					

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Turn-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.70	23.70	23.60	24.3	0	
10	QPSK	1	25	23.67	23.67	23.67			
10	QPSK	1	49	23.59	23.66	23.62	23.3	1	
10	QPSK	25	0	23.57	23.57	23.57	23.3		
10	QPSK	25	12	23.59	23.49	22.48			
10	QPSK	50	0	23.49	23.49	22.48	23.3		
10	QPSK	50	0	23.38	22.49	22.48			
10	16QAM	1	0	23.89	22.77	22.48	23.3	1	
10	16QAM	1	25	23.89	22.82	22.77			
10	16QAM	1	49	23.83	23.50	22.78	23.3		
10	16QAM	1	73	23.82	23.50	22.77			
10	16QAM	25	12	21.44	21.58	21.43	22.3		
10	16QAM	25	15	21.50	21.61	21.57			
10	16QAM	50	15	21.50	21.61	21.57	22.3		
10	16QAM	50	15	21.45	21.57	21.51			
10	8QAM	1	0	21.48	21.60	21.51	22.3		
10	8QAM	1	25	21.78	21.81	21.79			
10	8QAM	1	49	21.78	21.81	21.79	22.3		
10	8QAM	1	73	21.78	21.81	21.79			
10	8QAM	25	0	20.42	20.52	20.45	21.3	3	
10	8QAM	25	12	20.42	20.52	20.45			
10	8QAM	50	0	20.51	20.53	20.51	21.3	3	
10	8QAM	50	0	20.37	20.47	20.43			
10	256QAM	1	0	18.38	18.38	18.38	19.3	5	
10	256QAM	1	25	18.31	18.37	18.26			
10	256QAM	1	49	18.35	18.33	18.35	19.3		
10	256QAM	1	73	18.43	18.43	18.46			
10	256QAM	25	12	18.33	18.35	18.46	19.3		
10	256QAM	25	15	18.34	18.34	18.34			
10	256QAM	50	15	18.35	18.37	18.37	19.3		
10	256QAM	50	15	18.35	18.39	18.35			
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.70	23.70	23.60	24.3	0	
10	QPSK	1	25	23.68	23.68	23.63			
10	QPSK	1	12	23.42	23.48	23.43	24.3	0	
10	QPSK	1	49	23.45	23.51	23.45	23.3	1	
10	QPSK	12	7	23.39	22.43	22.42			
10	QPSK	12	12	23.31	22.51	22.42	23.3		
10	QPSK	12	19	23.31	22.51	22.42			
10	QPSK	25	0	22.23	22.43	22.28	23.3		
10	QPSK	25	1	22.54	22.43	22.28			
10	QPSK	50	0	22.73	22.73	22.73	23.3	1	
10	QPSK	50	0	21.42	22.48	21.73			
10	16QAM	1	24	22.78	22.88	22.73	23.3		
10	16QAM	1	49	21.42	21.42	21.42			
10	16QAM	12	0	21.42	21.42	21.42	22.3	2	
10	16QAM	12	13	21.44	21.48	21.53			
10	16QAM	25	12	21.45	21.45	21.53	22.3		
10	16QAM	25	15	21.46	21.48	21.53			
10	8QAM	1	0	21.46	21.48	21.53	22.3		
10	8QAM	1	12	21.77	21.68	21.78			
10	8QAM	1	25	21.77	21.68	21.78	22.3		
10	8QAM	1	49	21.77	21.68	21.78			
10	8QAM	12	0	20.30	20.41	20.32	21.3	3	
10	8QAM	12	10	20.40	20.50	20.46			
10	8QAM	25	0	20.35	20.45	20.45	21.3	3	
10	8QAM	25	0	20.25	20.37	20.39			
10	256QAM	1	0	18.38	18.38	18.38	19.3	5	
10	256QAM	1	12	18.24	18.30	18.25			
10	256QAM	12	10	18.40	18.40	18.42	19.3		
10	256QAM	12	7	18.27	18.29	18.33			
10	256QAM	12	13	18.22	18.26	18.26	19.3		
10	256QAM	12	19	18.35	18.35	18.35			

Band 25_Ant 4													Band 25_Ant 6													Band 25_Ant 5													Band 25_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power [W]	Power [W]	Power [W]	Time-Int. (dBm)	MPE (dB)		BW [MHz]	Modulation	RB Size	RB Offset	Power [W]	Power [W]	Power [W]	Time-Int. (dBm)	MPE (dB)		BW [MHz]	Modulation	RB Size	RB Offset	Power [W]	Power [W]	Power [W]	Time-Int. (dBm)	MPE (dB)		BW [MHz]	Modulation	RB Size	RB Offset	Power [W]	Power [W]	Power [W]	Time-Int. (dBm)	MPE (dB)													
Channel				26140	26340	26560				Channel				26140	26340	26560				Channel										Channel																					
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)																					
20	QPSK	1	0	23.50	23.53	23.55				20	QPSK	1	0	23.50	23.54	23.58				20	QPSK	1	0	24.30	24.37	24.40				20	QPSK	1	0	23.50	23.52	23.53															
20	QPSK	1	48	23.71	23.79	23.81	24.3	0		20	QPSK	1	48	22.02	22.09	22.20	22.8	0		20	QPSK	1	48	24.36	24.38	24.34	25	0		20	QPSK	1	48	23.69	23.83	23.75	24	0													
20	QPSK	50	50	23.54	23.68	23.56				20	QPSK	50	50	22.17	22.14	22.17				20	QPSK	50	50	24.31	24.34	24.26	25	0		20	QPSK	50	50	23.69	23.74	23.75															
20	QPSK	50	24	22.68	22.75	22.62				20	QPSK	50	24	21.02	21.18	21.08	21.8	1		20	QPSK	50	24	23.21	23.33	23.25	24	1		20	QPSK	50	24	22.74	22.80	22.72	23	1													
20	QPSK	100	0	22.56	22.59	22.58				20	QPSK	100	0	21.09	21.11	21.09				20	QPSK	100	0	23.19	23.25	23.20	24	1		20	QPSK	100	0	22.73	22.78	22.74															
20	QPSK	100	0	22.56	22.71	22.62				20	QPSK	100	0	21.09	21.11	21.09				20	QPSK	100	0	23.19	23.25	23.20	24	1		20	QPSK	100	0	22.73	22.78	22.74															
20	HQAM	1	0	22.95	23.00	22.98				20	HQAM	1	0	21.34	21.41	21.35	21.8	1		20	HQAM	1	0	23.37	23.45	23.39	24	1		20	HQAM	1	0	22.90	22.92	22.88															
20	HQAM	50	50	22.28	22.30	22.28	23.3	1		20	HQAM	50	50	21.08	21.08	21.08	21.8	1		20	HQAM	50	50	23.43	23.45	23.43	24	1		20	HQAM	50	50	22.89	22.90	22.89															
20	HQAM	50	50	22.75	22.82	22.75				20	HQAM	50	50	21.07	21.18	21.07				20	HQAM	50	50	23.41	23.44	23.40	24	1		20	HQAM	50	50	22.77	22.81	22.80															
20	HQAM	50	0	21.59	21.67	21.56				20	HQAM	50	0	20.04	20.15	20.09				20	HQAM	50	0	22.21	22.26	22.21				20	HQAM	50	0	21.73	21.77	21.76															
20	HQAM	50	24	21.73	21.78	21.68	22.3	2		20	HQAM	50	24	20.21	20.23	20.24	20.8	2		20	HQAM	50	24	22.23	22.34	22.31	23	2		20	HQAM	50	24	21.73	21.78	21.76															
20	HQAM	50	50	21.57	21.68	21.53				20	HQAM	50	50	20.08	20.12	20.09				20	HQAM	50	50	22.28	22.30	22.28				20	HQAM	50	50	21.72	21.74	21.71															

Band 26(FCC)_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mide Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MFR (dB)						
Channel														
Frequency (MHz)														
26795 26865 26935														
15	QPSK	1	0	24.29	24.38	24.31	25	0						
15	QPSK	1	37	24.25	24.30	24.15								
15	QPSK	1	74	24.11	24.19	24.05								
15	QPSK	36	0	23.11	23.25	23.21								
15	QPSK	36	36	23.06	23.15	23.01								
15	QPSK	36	39	23.06	23.15	23.01	24	1						
15	16QAM	1	0	22.43	22.44	22.38								
15	16QAM	1	37	23.28	23.34	23.31								
15	16QAM	1	74	23.28	23.31	23.28								
15	16QAM	36	0	22.08	22.21	22.15								
15	16QAM	36	20	22.23	22.28	22.23	23	2						
15	16QAM	36	39	22.13	22.20	22.19								
15	16QAM	75	0	22.01	22.11	22.07								
15	64QAM	1	0	22.46	22.46	22.47								
15	64QAM	1	37	22.15	22.25	22.16								
15	64QAM	1	74	22.15	22.29	22.16	23	2						
15	64QAM	36	0	21.15	21.25	21.15								
15	64QAM	36	20	21.15	21.27	21.25								
15	64QAM	36	39	21.15	21.18	21.17								
15	64QAM	75	0	21.08	21.16	21.07								
15	256QAM	1	0	19.08	19.09	19.15	20	5						
15	256QAM	1	37	19.18	19.15	19.05								
15	256QAM	1	74	19.23	19.13	19.22								
15	256QAM	36	0	19.14	19.09	19.11								
15	256QAM	36	20	19.21	19.17	19.14								
15	256QAM	36	39	19.19	19.06	19.07	20	5						
15	256QAM	75	0	19.21	19.20	19.20								
Channel														
26743 26865 26960														
10	QPSK	1	0	24.28	24.38	24.31			25	0				
10	QPSK	1	25	24.17	24.16	24.08								
10	QPSK	1	49	24.02	24.06	23.90								
10	QPSK	36	0	23.30	23.32	23.15								
10	QPSK	25	12	23.08	23.11	23.04								
10	QPSK	25	12	23.08	23.11	23.04	24	1						
10	QPSK	50	5	22.93	23.03	22.93								
10	16QAM	1	3	23.42	23.42	23.37								
10	16QAM	1	36	23.11	23.11	23.03								
10	16QAM	1	49	23.11	23.22	23.13								
10	16QAM	25	0	22.06	22.17	22.05	23	2						
10	16QAM	25	12	22.14	22.22	22.13								
10	16QAM	25	25	22.08	22.13	22.14								
10	16QAM	50	0	21.98	22.05	21.95								
10	64QAM	1	5	22.38	22.37	22.43								
10	64QAM	1	25	22.11	22.11	22.08	23	2						
10	64QAM	1	49	22.11	22.11	22.05								
10	64QAM	25	0	21.15	21.15	21.05								
10	64QAM	25	12	21.04	21.17	21.23								
10	64QAM	25	25	21.05	21.04	21.01								
10	256QAM	1	5	20.97	20.97	21.01	20	5						
10	256QAM	1	25	20.97	19.92	19.85								
10	256QAM	1	49	19.19	19.01	19.14								
10	256QAM	25	0	19.02	19.04	19.05								
10	256QAM	25	12	19.15	19.02	19.09								
10	256QAM	25	25	19.17	19.08	19.09	20	5						
10	256QAM	50	0	19.16	19.16	19.16								
Channel														
816.5 831.5 846.5														
5	QPSK	1	0	24.29	24.31	24.23	25	0						
5	QPSK	1	12	24.14	24.22	24.03								
5	QPSK	1	24	24.07	24.10	23.90								
5	QPSK	12	0	23.23	23.29	23.20								
5	QPSK	12	7	23.04	23.15	23.10								
5	QPSK	12	13	22.95	23.14	22.93	24	1						
5	QPSK	25	0	22.98	22.99	22.89								
5	16QAM	1	25	23.14	23.44	23.37								
5	16QAM	1	12	23.20	23.28	23.18								
5	16QAM	1	24	23.25	23.25	23.18								
5	16QAM	12	5	21.99	22.19	22.14	23	2						
5	16QAM	12	7	22.20	22.14	22.15								
5	16QAM	12	13	22.08	22.11	22.10								
5	16QAM	25	5	21.87	22.08	22.03								
5	64QAM	1	0	22.29	22.39	22.45								
5	64QAM	1	12	22.08	22.13	22.10	23	2						
5	64QAM	1	24	22.12	22.22	22.09								
5	64QAM	12	0	21.99	21.17	21.09								
5	64QAM	12	7	21.05	21.21	21.11								
5	64QAM	12	13	21.13	21.16	21.08								
5	64QAM	25	0	21.00	21.06	21.05	22	3						
5	64QAM	25	5	21.06	21.06	21.06								
5	256QAM	1	0	19.26	19.03	19.14								
5	256QAM	1	12	19.09	19.06	19.04								
5	256QAM	1	24	19.12	19.12	19.17								
5	256QAM	12	5	19.11	19.02	19.08	20	5						
5	256QAM	12	7	19.12	19.03	19.01								
5	256QAM	12	13	19.07	19.02	19.11								
5	256QAM	25	0	19.11	19.11	19.15								
Channel														
26795 26865 27033														
3	QPSK	1	0	24.29	24.31	24.23	25	0						
3	QPSK	1	8	24.20	24.15	24.13								
3	QPSK	1	14	24.03	24.14	23.95								
3	QPSK	8	0	23.22	23.25	23.13								
3	QPSK	8	4	22.96	23.13	22.95								
3	QPSK	7	0	23.01	23.13	22.85	24	1						
3	QPSK	15	0	22.92	22.98	22.92								
3	16QAM	1	0	23.31	23.44	23.30								
3	16QAM	1	8	23.36	23.38	23.18								
3	16QAM	1	14	23.09	23.16	23.16								
3	16QAM	8	0	23.01	22.95	22.94	24	1						
3	16QAM	8	4	22.21	22.26	22.22								
3	16QAM	8	7	22.09	22.08	22.18								
3	16QAM	15	0	21.05	22.00	22.01								
3	64QAM	1	5	22.42	22.43	22.33								
3	64QAM	1	8	22.15	22.13	22.10	23	2						
3	64QAM	1	14	22.02	22.28	22.06								
3	64QAM	8	0	21.01	21.17	21.04								
3	64QAM	8	4	21.00	21.24	21.18								
3	64QAM	8	7	21.02	21.08	21.04								
3	64QAM	15	0	20.99	21.14	20.94	22	3						
3	64QAM	15	8	20.94	20.95	20.92								
3	256QAM	1	5	19.02	19.05	19.02	20	5						
3	256QAM	1	15	19.11	19.07	19.03								
3	256QAM	1	25	19.12	19.03	19.01								
3	256QAM	8	0	19.09	19.06	19.06								
3	256QAM	8	4	19.12	19.04	19.15								
3	256QAM	8	7	19.14	19.04	19.15	20	5						
3	256QAM	15	0	19.07	19.10	19.20								
Channel														
814.7 831.5 848.3														
1.4	QPSK	1	0	24.18	24.30	24.21	25	0						
1.4	QPSK	1	9	24.17	24.25	24.09								
1.4	QPSK	1	18	24.02	24.10	23.94								
1.4	QPSK	3	0	24.16	24.26	24.27								
1.4	QPSK	3	9	24.16	24.17	24.13								
1.4	QPSK	3	18	24.02	24.08	23.96	24	1						
1.4	QPSK	6	0	22.90	23.07	23.04								
1.4	QPSK	6	9	22.90	23.07	23.04								
1.4	16QAM	1	0	23.23	23.29	23.19								
1.4	16QAM	1	5	23.18	23.18	23.14								
1.4	16QAM	1	9	23.14	23.23	23.14	24	1						
1.4	16QAM	3	0	22.15	22.14	22.01								
1.4	16QAM	3	9	22.15	22.14	22.01								
1.4	16QAM	6	0	22.42	22.42	22.43								
1.4	16QAM	6	9	22.40	22.20	22.06								
1.4	16QAM	3	18	22.20	22.17	21.98	23	2						
1.4	16QAM	3	27	22.20	22.23	22.07								
1.4	16QAM	6	0	20.97	21.02	21.02								
1.4	16QAM	6	9	19.86	19.98	19.15								
1.4	16QAM	15	0	19.12	19.12	19.12								
1.4	16QAM	15	9	19.20	19.01	19.21	20	5						
1.4	16QAM	30	0	19.12	19.12	19.12								
1.4	256QAM	3	18	19.13	19.07	19.15								
1.4	256QAM	3	27	19.14	19.14	19.14								

Band 66_Ant 4											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power High Ch (dBm)	Power Low Ch (dBm)	Power High Ch (dBm)	Turn-up time (s)	MFR (dB)		
Channel											
Frequency (MHz)											
20	QPSK	1	0	24.41	24.50	24.50	24.50	25	0		
20	QPSK	1	49	24.38	24.45	24.45	24.40	25	0		
20	QPSK	1	99	24.21	24.22	24.20	24.20	25	0		
20	QPSK	50	0	23.70	23.58	23.58	23.58	24	1		
20	QPSK	50	24	24.40	24.40	24.40	24.40	24	1		
20	QPSK	100	0	23.36	23.48	23.33	23.33	24	1		
20	16QAM	1	49	23.12	23.16	23.16	23.16	24	1		
20	16QAM	1	99	23.68	23.80	23.75	23.75	24	1		
20	16QAM	1	99	23.51	23.51	23.55	23.55	24	1		
20	16QAM	50	0	22.28	22.40	22.40	22.28	23	2		
20	16QAM	50	24	22.46	22.55	22.44	22.44	23	2		
20	16QAM	100	0	22.40	22.50	22.45	22.45	23	2		
20	16QAM	100	50	22.59	22.53	22.45	22.45	23	2		
20	8QAM	1	49	22.68	22.77	22.69	22.69	23	2		
20	8QAM	1	99	22.55	22.56	22.54	22.54	23	2		
20	8QAM	50	0	21.42	21.46	21.46	21.38	22	3		
20	8QAM	50	24	21.30	21.35	21.40	21.40	22	3		
20	8QAM	100	0	21.46	21.51	21.45	21.45	22	3		
20	256QAM	1	49	19.07	19.12	19.10	19.10	20	5		
20	256QAM	1	99	19.18	19.20	19.18	19.18	20	5		
20	256QAM	50	0	19.18	19.21	19.18	19.18	20	5		
20	256QAM	50	24	19.44	19.09	19.06	19.06	20	5		
20	256QAM	100	0	19.09	19.13	19.09	19.09	20	5		
20	256QAM	100	50	19.06	19.14	19.04	19.04	20	5		
Channel											
Frequency (MHz)											
15	QPSK	1	0	24.26	24.34	24.24	24.24	25	0		
15	QPSK	1	37	24.29	24.38	24.29	24.29	25	0		
15	QPSK	1	74	24.27	24.18	24.38	24.38	25	0		
15	QPSK	36	0	23.44	23.47	23.36	23.36	24	1		
15	QPSK	36	20	23.38	23.38	23.32	23.32	24	1		
15	QPSK	36	39	23.41	23.42	23.40	23.40	24	1		
15	QPSK	75	0	23.26	23.44	23.28	23.28	23	3		
15	16QAM	1	0	23.67	23.74	23.77	23.67	24	1		
15	16QAM	1	74	23.59	23.58	23.52	23.52	24	1		
15	16QAM	36	0	22.31	22.38	22.32	22.32	23	2		
15	16QAM	36	20	22.32	22.40	22.34	22.34	23	2		
15	16QAM	36	39	22.44	22.36	22.39	22.39	23	2		
15	16QAM	75	0	22.48	22.47	22.48	22.48	23	2		
15	16QAM	75	0	22.45	22.45	22.39	22.39	23	2		
15	8QAM	1	37	22.59	22.71	22.59	22.59	23	2		
15	8QAM	36	0	21.33	21.34	21.28	21.28	22	3		
15	8QAM	36	20	21.44	21.42	21.42	21.42	22	3		
15	8QAM	36	39	21.33	21.40	21.31	21.31	22	3		
15	256QAM	1	0	19.10	19.13	19.09	19.09	20	5		
15	256QAM	1	37	19.09	19.05	19.02	19.02	20	5		
15	256QAM	1	74	19.06	19.16	19.05	19.05	20	5		
15	256QAM	36	0	19.13	19.13	19.04	19.04	20	5		
15	256QAM	36	0	19.04	19.04	18.99	18.99	20	5		
Channel											
Frequency (MHz)											
10	QPSK	1	0	24.36	24.41	24.41	24.41	25	0		
10	QPSK	1	26	24.30	24.31	24.29	24.29	25	0		
10	QPSK	1	52	24.27	24.30	24.30	24.30	25	0		
10	QPSK	25	0	23.35	23.47	23.49	23.49	24	1		
10	QPSK	25	12	23.41	23.42	23.40	23.40	24	1		
10	QPSK	25	25	23.30	23.33	23.30	23.30	24	1		
10	QPSK	50	0	23.21	23.44	23.21	23.21	24	1		
10	QPSK	50	24	23.39	23.76	23.75	23.75	24	1		
10	16QAM	1	25	23.34	23.73	23.63	23.63	24	1		
10	16QAM	1	49	23.38	23.48	23.51	23.51	24	1		
10	16QAM	1	99	23.61	23.69	23.69	23.69	24	1		
10	16QAM	25	0	22.32	22.48	22.40	22.40	23	2		
10	16QAM	25	12	22.32	22.42	22.40	22.40	23	2		
10	16QAM	25	25	22.42	22.43	22.43	22.43	23	2		
10	16QAM	50	0	22.41	22.47	22.34	22.34	23	2		
10	8QAM	1	0	22.48	22.43	22.42	22.42	23	2		
10	8QAM	1	49	22.41	22.44	22.49	22.49	23	2		
10	8QAM	25	0	21.36	21.34	21.34	21.34	22	3		
10	8QAM	25	12	21.44	21.53	21.46	21.46	22	3		
10	8QAM	25	25	21.34	21.34	21.34	21.34	22	3		
10	8QAM	50	0	20.38	20.38	20.38	20.38	21	5		
10	8QAM	50	25	20.38	20.38	20.38	20.38	21	5		
10	256QAM	1	0	19.03	19.03	19.03	19.03	20	5		
10	256QAM	1	25	18.94	19.00	18.99	18.99	20	5		
10	256QAM	1	49	19.02	19.02	18.97	18.97	20	5		
10	256QAM	25	0	19.10	19.17	19.05	19.05	20	5		
10	256QAM	25	12	18.86	19.06	18.81	18.81	20	5		
10	256QAM	25	25	18.86	19.00	18.80	18.80	20	5		
10	256QAM	50	0	19.05	19.12	19.04	19.04	20	5		
Channel											
Frequency (MHz)											
5	QPSK	1	0	24.33	24.35	24.37	24.37	25	0		
5	QPSK	1	12	24.36	24.41	24.41	24.41	25	0		
5	QPSK	1	24	24.12	24.24	24.24	24.24	25	0		
5	QPSK	12	7	23.37	23.35	23.32	23.32	24	1		
5	QPSK	12	12	23.32	23.31	23.32	23.32	24	1		
5	QPSK	25	0	23.32	23.41	23.28	23.28	24	1		
5	16QAM	1	0	23.38	23.68	23.67	23.67	24	1		
5	16QAM	1	12	23.81	23.87	23.80	23.80	24	1		
5	16QAM	1	24	23.38	23.58	23.48	23.48	24	1		
5	16QAM	12	7	23.36	23.53	23.50	23.50	23	2		
5	16QAM	12	13	22.44	22.41	22.40	22.40	23	2		
5	16QAM	12	13	22.44	22.41	22.40	22.40	23	2		
5	16QAM	12	13	22.44	22.41	22.40	22.40	23	2		
5	8QAM	1	0	22.39	22.55	22.48	22.48	23	2		
5	8QAM	1	12	22.58	22.73	22.53	22.53	23	2		
5	8QAM	1	24	22.52	22.45	22.41	22.41	23	2		
5	8QAM	12	5	21.37	21.36	21.28	21.28	22	3		
5	8QAM	12	7	21.37	21.40	21.32	21.32	22	3		
5	8QAM	12	13	21.32	21.32	21.25	21.25	22	3		
5	8QAM	25	0	21.43	21.47	21.48	21.48	22	3		
5	256QAM	1	0	19.07	19.14	19.05	19.05	20	5		
5	256QAM	1	24	19.06	19.07	19.06	19.06	20	5		
5	256QAM	12	0	19.10	19.11	19.05	19.05	20	5		
5	256QAM	12	7	18.93	19.04	18.85	18.85	20	5		
5	256QAM	12	13	18.90	19.04	18.81	18.81	20	5		
5	256QAM	25	0	19.02	19.08	18.80	18.80	20	5		
Channel											
Frequency (MHz)											
3	QPSK	1	0	24.38	24.48	24.48	24.48	25	0		
3	QPSK	1	15	24.35	24.44	24.44	24.44	25	0		
3	QPSK	1	16	24.14	24.16	24.16	24.16	25	0		
3	QPSK	3	0	23.43	23.52	23.50	23.50	24	1		
3	QPSK	3	15	23.47	23.48	23.46	23.46	24	1		
3	QPSK	3	16	23.28	23.34	23.26	23.26	24	1		
3	QPSK	6	0	23.52	23.69	23.69	23.69	24	1		
3	16QAM	1	0	23.67	23.75	23.75	23.75	24	1		
3	16QAM	1	15	23.62	23.73	23.64	23.64	24	1		
3	16QAM	1	16	23.29	23.45	23.36	23.36	24	1		
3	16QAM	3	0	23.58	23.68	23.62	23.62	23	2		
3	16QAM	3	15	23.54	23.64	23.54	23.54	23	2		
3	16QAM	3	16	23.28	23.40	23.37	23.37	23	2		
3	8QAM	1	0	22.31	22.48	22.38	22.38	23	2		
3	8QAM	1	15	22.41	22.47	22.41	22.41	23	2		
3	8QAM	1	16	22.35	22.40	22.37	22.37	23	2		
3	8QAM	3	0	22.38	22.58	22.42	22.42	23	2		
3	8QAM	3	15	22.47	22.52	22.47	22.47	23	2		
3	8QAM	3	16	22.41	22.41	22.41	22.41	23	2		
3	8QAM	6	0	21.39	21.37	21.28	21.28	22	3		
3	8QAM	6	15	21.33	21.48	21.43	21.43	22	3		
3	8QAM	6	16	21.28	21.38	21.32	21.32	22	3		
3	256QAM	1	0	19.03	19.08	18.97	18.97	20	5		
3	256QAM	1	15	18.96	19.02	18.92	18.92	20	5		
3	256QAM	1	16	18.91	19.02	18.89	18.89	20	5		
3	256QAM	3	0	19.07	19.10	19.02	19.02	20	5		
3	256QAM	3	15	18.86	19.02	18.86	18.86	20	5		
3	256QAM	3	16	18.83	18.98	18.82</					

Band 71_Ant 1									
EW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	21.39	24.18	24.18	24.3	0	
20	QPSK	1	49	24.60	24.60	24.60			
20	QPSK	1	99	23.82	24.01	23.99			
20	QPSK	50	0	22.65	22.67	22.62			
20	QPSK	24	0	22.60	22.67	22.68			
20	QPSK	50	50	22.63	22.79	22.82	23.3	1	
20	QPSK	100	0	22.64	22.77	22.76			
20	16QAM	1	0	22.61	22.66	22.66			
20	16QAM	1	49	23.01	23.09	23.02	23.3	1	
20	16QAM	1	99	22.54	22.63	22.61			
20	16QAM	50	0	21.74	21.82	21.88			
20	16QAM	50	24	21.74	21.87	21.72	22.3	2	
20	16QAM	50	50	21.81	21.91	21.78			
20	16QAM	100	0	21.66	21.77	21.74			
20	64QAM	1	0	21.67	22.10	22.06			
20	64QAM	1	49	21.70	21.86	21.78	22.3	2	
20	64QAM	1	99	22.12	22.15	22.14			
20	64QAM	50	0	20.75	20.72	20.71			
20	64QAM	50	24	20.73	20.86	20.84	21.3	3	
20	64QAM	50	50	20.73	20.81	20.88			
20	64QAM	100	0	20.64	20.72	20.64			
20	256QAM	1	0	18.74	18.84	18.78			
20	256QAM	1	49	18.79	18.72	18.80	19.3	5	
20	256QAM	1	99	18.65	18.74	18.66			
20	256QAM	50	0	18.65	18.74	18.65			
20	256QAM	50	24	18.66	18.76	18.66	19.3	5	
20	256QAM	50	50	18.67	18.77	18.72			
20	256QAM	100	0	18.67	18.76	18.70			
Channel									
Frequency (MHz)									
15	QPSK	1	0	24.08	24.08	23.96	24.3	0	
15	QPSK	1	37	23.94	23.92	23.98			
15	QPSK	1	74	23.92	23.96	23.90			
15	QPSK	36	0	22.74	22.86	22.79			
15	QPSK	36	20	22.69	22.79	22.68	23.3	1	
15	QPSK	36	39	22.69	22.67	22.68			
15	QPSK	75	0	22.48	22.73	22.62			
15	16QAM	1	0	22.69	22.92	22.78			
15	16QAM	1	37	22.60	23.06	22.82	23.3	1	
15	16QAM	1	74	22.40	22.50	22.40			
15	16QAM	36	0	21.63	21.81	21.81			
15	16QAM	36	20	21.60	21.82	21.82	22.3	2	
15	16QAM	36	39	21.78	21.88	21.71			
15	16QAM	75	0	21.62	21.74	21.62			
15	64QAM	1	0	21.84	22.04	22.03			
15	64QAM	1	37	21.64	21.76	21.75	22.3	2	
15	64QAM	1	74	22.11	22.09	22.10			
15	64QAM	36	0	20.67	20.61	20.66			
15	64QAM	36	20	20.71	20.76	20.83	21.3	3	
15	64QAM	36	39	20.64	20.76	20.63			
15	64QAM	75	0	20.50	20.50	20.52			
15	256QAM	1	0	18.66	18.71	18.76	19.3	5	
15	256QAM	1	37	18.55	18.68	18.62			
15	256QAM	1	74	18.60	18.69	18.58			
15	256QAM	36	0	18.58	18.64	18.60			
15	256QAM	36	20	18.60	18.72	18.59	19.3	5	
15	256QAM	36	39	18.64	18.64	18.60			
15	256QAM	75	0	18.61	18.67	18.66			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.11	24.14	23.98	24.3	0	
10	QPSK	1	25	23.92	24.03	24.14			
10	QPSK	1	49	23.79	23.86	23.88			
10	QPSK	25	0	22.62	22.83	22.70			
10	QPSK	12	0	22.49	22.71	22.60	23.3	1	
10	QPSK	25	25	22.54	22.74	22.56			
10	16QAM	1	0	22.58	22.75	22.65			
10	16QAM	1	49	22.73	22.80	22.78			
10	16QAM	1	25	22.91	22.96	22.88	23.3	1	
10	16QAM	1	49	22.42	22.54	22.44			
10	16QAM	25	0	21.68	21.73	21.63			
10	16QAM	25	12	21.61	21.76	21.69	22.3	2	
10	16QAM	25	25	21.72	21.88	21.77			
10	16QAM	50	0	21.61	21.75	21.73			
10	64QAM	1	0	21.84	21.95	21.98			
10	64QAM	1	25	21.69	21.84	21.67	22.3	2	
10	64QAM	1	49	22.09	22.00	21.99			
10	64QAM	25	0	20.56	20.59	20.60			
10	64QAM	25	12	20.62	20.83	20.76	21.3	3	
10	64QAM	25	25	20.62	20.75	20.67			
10	64QAM	50	0	20.62	20.64	20.63			
10	256QAM	1	0	18.73	18.73	18.63			
10	256QAM	1	25	18.68	18.68	18.48	19.3	5	
10	256QAM	1	49	18.55	18.67	18.50			
10	256QAM	25	0	18.57	18.66	18.57			
10	256QAM	25	12	18.64	18.68	18.52	19.3	5	
10	256QAM	25	25	18.64	18.70	18.70			
10	256QAM	50	0	18.52	18.69	18.52			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.15	24.07	23.97	24.3	0	
5	QPSK	1	12	23.67	23.94	23.98			
5	QPSK	1	24	23.89	23.97	23.86			
5	QPSK	12	0	22.80	22.73	22.71			
5	QPSK	12	7	22.64	22.80	22.70	23.3	1	
5	QPSK	13	0	22.62	22.87	22.63			
5	QPSK	25	0	22.52	22.68	22.56			
5	16QAM	1	0	22.71	22.87	22.80			
5	16QAM	1	12	23.06	23.02	23.00	23.3	1	
5	16QAM	1	24	22.47	22.62	22.37			
5	16QAM	12	7	21.71	21.79	21.65	22.3	2	
5	16QAM	12	13	21.76	21.90	21.84			
5	16QAM	36	0	21.62	21.72	21.62			
5	64QAM	1	0	21.91	22.05	21.91			
5	64QAM	1	12	21.70	21.83	21.69	22.3	2	
5	64QAM	1	24	22.11	22.12	22.12			
5	64QAM	12	0	20.59	20.62	20.67			
5	64QAM	12	7	20.68	20.79	20.79	21.3	3	
5	64QAM	12	13	20.68	20.77	20.56			
5	64QAM	25	0	20.54	20.71	20.56			
5	256QAM	1	0	18.72	18.75	18.71			
5	256QAM	1	12	18.57	18.59	18.55	19.3	5	
5	256QAM	1	24	18.51	18.71	18.62			
5	256QAM	12	0	18.53	18.56	18.50			
5	256QAM	12	7	18.59	18.71	18.62	19.3	5	
5	256QAM	12	13	18.61	18.69	18.62			
5	256QAM	25	0	18.65	18.75	18.62			

Band 71_Ant 0									
EW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	23.10	23.23	23.28			
20	QPSK	1	49	23.12	23.19	23.09	23.4	0	
20	QPSK	1	99	22.83	22.82	22.82			
20	QPSK	50	0	22.22	22.26	22.15			
20	QPSK	24	0	22.12	22.21	22.08	22.4	1	
20	QPSK	50	50	21.92	21.94	21.83			
20	QPSK	100	0	22.98	22.12	22.03			
20	16QAM	1	0	23.33	23.24	23.22			
20	16QAM	1	49	22.22	22.28	22.19	22.4	1	
20	16QAM	1	99	21.99	22.06	22.02			
20	16QAM	50	0	21.61	21.62	21.57			
20	16QAM	50	24	20.81	20.89	20.77	21.4	2	
20	16QAM	50	50	20.97	21.06	20.93			
20	16QAM	100	0	20.89	20.98	20.83			
20	64QAM	1	0	21.68	21.22	21.15			
20	64QAM	1	99	20.85	20.59	20.59	21.4	2	
20	64QAM	50	0	19.93	19.94	19.86			
20	64QAM	50	24	19.96	20.03	19.91	20.4	3	
20	64QAM	50	50	19.89	19.99	19.94			
20	64QAM	100	0	19.97	20.07	20.02			
20	256QAM	1	0	18.28	18.33	18.27			
20	256QAM	1	49	18.07	18.10	18.01	18.4	5	
20	256QAM	1	99	18.25	18.30	18.17			
20	256QAM	50	0	18.25	18.32	18.15			
20	256QAM	50	24	18.20	18.27	18.15	18.4	5	
20	256QAM	50	50	18.20	18.27	18.15			
20	256QAM	100	0	18.12	18.21	18.18			
Channel									
Frequency (MHz)									
15	QPSK	1	0	23.09	23.22	23.23			
15	QPSK	1	49	22.97	23.12	23.08	23.4	0	
15	QPSK	1	99	22.70	22.78	22.70			
15	QPSK	36	0	22.14	22.22	22.12			
15	QPSK	36	24	22.04	22.10	21.97	22.4	1	
15	QPSK	36	50	21.94	21.97	21.92			
15	QPSK	75	0	22.03	22.08	22.00			
15	QPSK	75	24	21.97	22.02	21.97	22.4	1	
15	QPSK	75	50	21.88	21.93	21.88			
15	16QAM	1	0	23.17	23.14	23.12	22.4	1	
15	16QAM	1	74	21.89	21.96	21.88			
15	16QAM	1	99	21.81	21.88	21.83	21.4	2	
15	16QAM	36	0	20.77	20.86	20.83			
15	16QAM	36	50	20.59	20.57	20.84	21.4	2	
15	16QAM	75	0	20.85	20.86	20.84			
15	16QAM	75	24	21.06	21.14	21.11	21.4	2	
15	16QAM	75	50	20.83	20.96	20.93			
15	16QAM	14	0	20.85	20.86	20.84			
15	16QAM	36	0	19.85	19.91	19.77			
15	16QAM	36	24	19.87	19.94	19.79	20.4	3	
15	16QAM	36	50	19.88	19.93	19.86			
15	16QAM	75	0	19.90	19.98	19.84			
15	16QAM	75	24	19.92	19.99	19.91	18.4	5	
15	16QAM	75	50	19.86	19.95	19.89			
15	256QAM	1	0	17.95	18.05	17.90			
15	256QAM	1	74	18.21	18.24	18.21			
15	256QAM	1	99	18.23	18.26	18.23	18.4	5	
15	256QAM	36	0	18.13	18.13	18.08			
15	256QAM	36	24	18.13	18.13	17.98	18.4	5	
15	256QAM	36	50	18.15	18.12	18.09			
15	256QAM	75	0	18.05	18.11	18.11			
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.13	23.21	23.22			
10	QPSK	1	24	23.03	23.12	23.05	23.4	0	
10	QPSK	1	49	22.82	22.88	22.72			
10	QPSK	1	99	22.13	22.21	22.11			
10	QPSK	25	12	22.04	22.08	21.99	22.4	1	
10	QPSK	25	25	21.91	21.82	21.81			
10	QPSK	50	0	21.87	21.88	21.87			
10	16QAM	1	0	23.31	23.22	23.11			
10	16QAM	1	25	22.17	22.14	22.05	22.4	1	
10	16QAM	1	49	21.92	21.98	21.97			
10	16QAM	25	0	21.50	21.50	21.58			
10	16QAM	25	12	21.49	21.47	21.50	21.4	2	
10	16QAM	25	25	21.49	21.49	21.56			
10	16QAM	50	0	20.80	20.85	20.76			
10	16QAM	50	12	20.80	20.80	20.79	21.4	2	
10	16QAM	50	25	20.80	20.80	20.76			
10	16QAM	25	50	20.80	20.80	20.76			
10	16QAM	25	25	20.84	21.01	20.87	21.4	2	
10	16QAM	1	49	20.72	20.84	20.89			
10	16QAM	25	50	20.82	20.82	20.82	21.4	2	
10	16QAM	25	12	19.85	19.85	19.89			
10	16QAM	25	25	19.85	19.87	19.79	20.4	3	
10	16QAM	50	0	19.85	19.87	19.89			
10	16QAM	50	12	19.82	19.83	19.83			
10	16QAM	50	25	19.82	19.97	19.88	18.4	5	
10	16QAM	25	50	19.83	19.83	19.83			
10	16QAM	25	0	19.87	19.85	19.80	20.4	3	
10	256QAM	1	0	18.07	18.07	18.07			
10	256QAM	1	24	18.13	18.31	18.09			
10	256QAM	1	49	18.13	18.27	18.27	18.4	5	
10	256QAM	12	7	18.19	18.19	18.18			
10	256QAM	12	7	18.19	18.18	18.18	18.4	5	
10	256QAM	12	13	18.17	18.16	18.04			
10	256QAM	25	0	18.15	18.15	18.15			

Band 38_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-on time (sec)	MPE (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	21.20	24.53	26.41			
20	QPSK	1	49	24.24	24.47	24.37	25	0	
20	QPSK	1	99	24.16	24.47	24.40			
20	QPSK	50	0	21.20	23.57	23.64			
20	QPSK	50	24	23.58	23.58	23.58	24	1	
20	QPSK	50	50	23.53	23.51	23.56			
20	QPSK	100	0	23.53	23.50	23.52			
20	16QAM	1	49	23.58	23.58	23.54	24	1	
20	16QAM	1	49	23.49	23.54	23.51			
20	16QAM	1	99	23.58	23.58	23.55			
20	16QAM	50	0	23.58	23.50	23.55			
20	16QAM	50	24	23.54	22.86	22.57	23	2	
20	16QAM	100	0	22.54	22.53	22.51			
20	16QAM	100	0	22.52	22.54	22.57			
20	64QAM	1	0	22.57	22.48	22.48	23	2	
20	64QAM	1	49	22.57	22.57	22.55			
20	64QAM	1	99	22.52	22.54	22.51			
20	64QAM	50	0	21.59	21.63	21.63			
20	64QAM	50	24	21.62	21.60	21.58	22	3	
20	64QAM	50	50	21.58	21.56	21.53			
20	64QAM	100	0	21.51	21.54	21.53			
20	256QAM	1	0	19.30	19.33	19.32			
20	256QAM	1	49	19.49	19.50	19.49	20	5	
20	256QAM	1	99	19.27	19.28	19.21			
20	256QAM	50	0	19.30	19.41	19.38			
20	256QAM	50	24	19.33	19.41	19.30	20	5	
20	256QAM	50	50	19.28	19.30	19.29			
20	256QAM	100	0	19.28	19.30	19.17			
Channel									
Frequency (MHz)									
15	QPSK	1	0	24.27	24.39	24.13	25	0	
15	QPSK	1	37	24.29	24.41	24.24			
15	QPSK	1	74	24.20	24.43	24.26			
15	QPSK	36	0	23.58	23.54	23.51			
15	QPSK	36	20	23.55	23.58	23.58	24	1	
15	QPSK	36	39	23.49	23.54	23.47			
15	QPSK	75	0	23.40	23.45	23.35			
15	16QAM	1	0	23.52	23.57	23.54			
15	16QAM	1	37	23.50	23.53	23.54	24	1	
15	16QAM	1	74	23.53	23.58	23.42			
15	16QAM	36	0	22.44	22.56	22.40			
15	16QAM	36	20	22.52	22.52	22.50	23	2	
15	16QAM	36	39	22.41	22.30	22.52			
15	16QAM	75	0	22.56	22.53	22.52			
15	64QAM	1	0	22.52	22.34	22.22			
15	64QAM	1	37	22.20	22.45	22.52	23	2	
15	64QAM	1	74	22.47	22.35	22.47			
15	64QAM	36	0	21.51	21.54	21.42			
15	64QAM	36	20	21.51	21.57	21.51	22	3	
15	64QAM	36	39	21.50	21.53	21.50			
15	64QAM	75	0	21.57	21.53	21.50			
15	256QAM	1	0	19.23	19.26	19.20	20	5	
15	256QAM	1	37	19.25	19.27	19.21			
15	256QAM	1	74	19.21	19.18	19.15			
15	256QAM	36	0	19.18	19.30	19.25			
15	256QAM	36	20	19.25	19.35	19.15	20	5	
15	256QAM	36	39	19.22	19.29	19.13			
15	256QAM	75	0	19.20	19.19	19.14			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.24	24.51	24.38	25	0	
10	QPSK	1	49	24.25	24.44	24.35			
10	QPSK	1	49	24.20	24.44	24.30			
10	QPSK	25	0	23.46	23.56	23.53			
10	QPSK	25	12	23.55	23.63	23.47	24	1	
10	QPSK	25	25	23.40	23.57	23.50			
10	16QAM	1	0	23.44	23.58	23.44			
10	16QAM	1	25	23.53	23.63	23.48	24	1	
10	16QAM	25	0	22.47	22.54	22.34			
10	16QAM	25	12	22.42	22.55	22.52	23	2	
10	16QAM	50	0	22.59	22.56	22.42			
10	64QAM	1	0	22.34	22.40	22.22			
10	64QAM	1	25	22.38	22.55	22.53	23	2	
10	64QAM	1	49	22.47	22.52	22.48			
10	64QAM	25	0	21.53	21.59	21.47			
10	64QAM	25	12	21.61	21.57	21.48	22	3	
10	64QAM	25	25	21.43	21.54	21.61			
10	64QAM	50	0	21.52	21.56	21.49			
10	256QAM	1	0	19.20	19.18	19.15			
10	256QAM	1	25	19.41	19.41	19.42	20	5	
10	256QAM	1	49	19.22	19.27	19.10			
10	256QAM	25	0	19.20	19.35	19.17			
10	256QAM	25	12	19.22	19.30	19.28	20	5	
10	256QAM	25	25	19.21	19.22	19.10			
10	256QAM	50	0	19.16	19.25	19.05			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.37	24.52	24.36	25	0	
5	QPSK	1	12	24.27	24.41	24.25			
5	QPSK	1	24	24.15	24.37	24.34			
5	QPSK	12	0	23.58	23.60	23.61			
5	QPSK	12	7	23.55	23.54	23.45	24	1	
5	QPSK	12	13	23.41	23.58	23.47			
5	QPSK	25	0	23.46	23.56	23.42			
5	16QAM	1	0	23.56	23.62	23.57			
5	16QAM	1	12	23.42	23.52	23.48	24	1	
5	16QAM	1	24	23.43	23.56	23.40			
5	16QAM	12	0	23.50	23.56	23.59			
5	16QAM	12	7	22.41	22.62	22.49	23	2	
5	16QAM	12	13	22.41	22.61	22.59			
5	16QAM	25	0	22.58	22.60	22.43			
5	64QAM	1	0	22.28	22.48	22.28			
5	64QAM	1	12	22.32	22.45	22.52	23	2	
5	64QAM	1	24	22.30	22.50	22.41			
5	64QAM	12	0	21.52	21.53	21.46			
5	64QAM	12	7	21.50	21.52	21.46	22	3	
5	64QAM	12	13	21.46	21.49	21.55			
5	64QAM	25	0	21.49	21.60	21.51			
5	256QAM	1	0	19.24	19.25	19.15			
5	256QAM	1	12	19.28	19.35	19.17	20	5	
5	256QAM	1	24	19.25	19.35	19.07			
5	256QAM	12	0	19.28	19.31	19.17			
5	256QAM	12	7	19.26	19.38	19.24	20	5	
5	256QAM	12	13	19.21	19.29	19.24			
5	256QAM	25	0	19.27	19.21	19.08			

Band 38_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Mid Ch./ Freq.	Power High Ch./ Freq.	Turn-on time (sec)	MPE (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.20	22.20	22.26			
20	QPSK	1	49	22.20	22.22	22.20	23	0	
20	QPSK	1	99	22.72	22.82	22.81			
20	QPSK	50	0	21.50	21.50	21.57			
20	QPSK	50	24	21.52	21.50	21.54	22	1	
20	QPSK	50	50	21.81	21.51	21.54			
20	QPSK	100	0	21.53	21.50	21.75			
20	16QAM	1	49	21.78	21.50	21.52			
20	16QAM	1	49	21.51	21.51	21.51	22	1	
20	16QAM	1	99	21.51	21.55	21.54			
20	16QAM	50	0	20.90	20.95	20.97			
20	16QAM	50	24	20.94	20.95	20.97	21	2	
20	16QAM	50	50	20.93	20.95	20.94			
20	16QAM	100	0	20.79	20.94	20.97			
20	64QAM	1	0	20.79	20.84	20.77	21	2	
20	64QAM	1	49	20.90	20.97	20.87			
20	64QAM	1	99	20.81	20.90	20.79			
20	64QAM	50	0	19.85	19.89	19.90			
20	64QAM	50	24	19.84	19.95	19.90	20	3	
20	64QAM	50	50	19.80	19.93	19.87			
20	64QAM	100	0	19.87	19.85	19.92			
20	256QAM	1	0	17.74	17.71	17.65			
20	256QAM	1	49	17.76	17.85	17.78	18	5	
20	256QAM	1	99	17.74	17.78	17.65			
20	256QAM	36	0	17.81	17.84	17.82			
20	256QAM	36	24	17.80	17.78	17.82	18	5	
20	256QAM	36	39	17.76	17.78	17.75			
20	256QAM	100	0	17.77	17.73	17.75			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.81	22.81	22.82			
15	QPSK	1	37	22.71	22.72	22.71	23	0	
15	QPSK	1	74	22.67	22.73	22.70			
15	QPSK	36	0	21.68	21.73	21.70	22	1	
15	QPSK	36	20	21.73	21.73	21.78			
15	QPSK	36	50	21.72	21.79	21.73			
15	QPSK	75	0	21.69	21.68	21.71			
15	16QAM	1	49	21.69	21.78	21.71	22	1	
15	16QAM	1	49	21.72	21.79	21.73			
15	16QAM	1	99	21.71	21.81	21.73			
15	16QAM	36	0	20.83	20.98	20.97	21	2	
15	16QAM	36	20	20.81	20.97	20.97			
15	16QAM	36	50	20.81	20.97	20.97	20	3	
15	16QAM	75	0	20.78	20.88	20.81			
15	16QAM	75	20	20.82	20.88	20.88			
15	16QAM	75	50	20.68	20.85	20.88			
15	16QAM	100	0	20.79	20.88	20.73	21	2	
15	16QAM	1	0	20.79	20.84	20.77			
15	16QAM	1	49	20.90	20.97	20.87			
15	16QAM	1	99	20.81	20.90	20.79			
15	16QAM	50	0	19.85	19.89	19.90			
15	16QAM	50	24	19.84	19.95	19.90	20	3	
15	16QAM	50	50	19.80	19.93	19.87			
15	256QAM	1	0	17.74	17.71	17.65			
15	256QAM	1	49	17.76	17.77	17.64	18	5	
15	256QAM	1	99	17.74	17.78	17.65			
15	256QAM	36	0	17.81	17.87	17.82			
15	256QAM	36	20	17.71	17.73	17.72	18	5	
15	256QAM	36	50	17.65	17.70	17.74			
15	256QAM	75	0	17.75	17.78	17.72			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.79	22.79	22.79			
10	QPSK	1	25	22.69	22.76	22.79	23	0	
10	QPSK	1	50	22.67	22.74	22.79			
10	QPSK	12	0	21.68	21.73	21.70	22	1	
10	QPSK	12	24	21.73	21.73	21.78			
10	QPSK	12	48	21.68	21.68	21.72			
10	16QAM	1	49	21.69	21.78	21.70	22	1	
10	16QAM	1	49	21.72	21.81	21.73			
10	16QAM	1	99	21.71	21.81	21.73			
10	16QAM	25	0	20.81	20.91	20.75	21	2	
10	16QAM	25	12	20.82	20.91	20.75			
10	16QAM	25	25	20.82	20.93	20.72			
10	16QAM	50	0	20.71	20.81	20.65			
10	16QAM	50	12	20.75	20.85	20.69	21	2	
10	16QAM	50	25	20.65	20.80	20.69			
10	16QAM	100	0	20.61	20.75	20.62			
10	16QAM	25	0	19.82	19.86	19.85			
10	16QAM	25	12	19.82	19.84	19.78	20	3	
10	16QAM	25	25	19.82	19.83	19.81			
10	16QAM	50	0	19.79	19.80	19.80			
10	256QAM	1	0	17.72	17.71	17.67			
10	256QAM	1	25	17.65	17.65	17.74	18	5	
10	256QAM	1	49	17.61	17.74	17.67			
10	256QAM	12	0	17.73	17.80	17.73	18	5	
10	256QAM	12	24	17.83	17.71	17.70			
10	256QAM	25	0	17.64	17.63	17.72			
10	256QAM	25	12	17.64	17.63	17.72	20	3	
10	256QAM	25	25	17.64	17.63	17.72			
10	256QAM	50	0	17.58	17.58	17.67			
10	256QAM	50	12	17.70	17.73	17.70	18	5	
10	256QAM	50	24	17.71	17.73	17.65			
10	256QAM	100	0	17.67	17.67	17.71			
10	256QAM	12	0	17.76	17.76	17.70	18	5	
10	256QAM	12	24	17.65	17.62	17.69			
10	256QAM	25	0	17.65	17.65	17.69	20	3	

Band 41_Ant 4													
BW (MHz)	Modulation	RB Size	RB Offset	Power (mW) / P1	Power (mW) / P2	Power (mW) / P3	Power (mW) / P4	Power (mW) / P5	Power (mW) / P6	Power (mW) / P7	Turn-on time (ms)	MPE (dB)	
Channel													
Frequency (MHz)				39760	40165	40560	41065	41660					
20	QPSK	1	0	24.78	24.78	24.78	24.78	24.78	24.78	24.78			
20	QPSK	1	59	24.77	24.81	24.88	24.88	24.88	24.77		23.5	0	
20	QPSK	1	118	24.78	24.81	24.88	24.88	24.88	24.78				
20	QPSK	60	24	23.05	24.02	24.05	23.09	24.01			24.3	1	
20	QPSK	60	50	23.04	23.99	24.01	23.03	24.00					
20	QPSK	100	24	23.05	23.97	23.99	23.03	23.98					
20	16QAM	1	0	23.78	23.81	23.82	23.79	23.80					
20	16QAM	1	59	23.85	23.94	24.01	24.02	23.90			24.3	1	
20	16QAM	1	118	23.85	23.84	23.82	23.79	23.80					
20	16QAM	60	24	22.78	22.80	22.90	22.80	22.87					
20	16QAM	60	50	22.78	22.79	22.80	22.79	22.80					
20	16QAM	100	24	22.81	22.85	22.90	22.80	22.88			23.3	2	
20	16QAM	100	50	22.82	22.86	22.99	22.86	22.86					
20	16QAM	100	80	22.82	22.86	22.75	22.80	22.86					
20	64QAM	1	0	23.01	23.02	23.05	23.00	23.02			23.3	2	
20	64QAM	1	59	22.97	22.99	22.97	22.82	22.88					
20	64QAM	1	118	22.97	22.98	22.98	22.82	22.88					
20	64QAM	60	24	21.92	21.95	22.06	22.03	21.94					
20	64QAM	60	50	21.91	22.04	22.05	21.95	22.03					
20	64QAM	100	24	21.97	21.99	22.03	21.95	22.01					
20	256QAM	1	0	19.59	19.47	19.62	19.56	19.51			20.3	5	
20	256QAM	1	59	19.57	19.61	19.63	19.52	19.58					
20	256QAM	1	118	19.57	19.61	19.63	19.52	19.58					
20	256QAM	60	24	19.60	19.62	19.65	19.54	19.53					
20	256QAM	60	50	19.62	19.63	19.66	19.56	19.55					
20	256QAM	100	24	19.58	19.60	19.68	19.60	19.62			20.3	5	
20	256QAM	100	50	19.54	19.53	19.68	19.62	19.58					
20	256QAM	100	80	19.53	19.55	19.68	19.62	19.58					
Channel													
Frequency (MHz)				25553	25643	25933	26379	26924	5 <th>10</th> <th>15</th> <th>20</th> <th></th>	10	15	20	
15	QPSK	1	0	24.77	24.82	24.86	24.79	24.73	24.91				
15	QPSK	1	59	24.75	24.71	24.78	24.87	24.83			25.3	0	
15	QPSK	1	118	24.75	24.71	24.78	24.87	24.83					
15	QPSK	60	24	23.05	23.96	24.03	24.00	24.05					
15	QPSK	60	50	23.07	23.97	24.00	23.03	24.01			24.3	1	
15	QPSK	100	24	23.01	23.96	23.97	23.01	23.97					
15	16QAM	1	0	23.82	23.83	23.88	23.80	23.84					

Band 41 (HPUE)_Ant 4													
RF [MHz]	Modulation	RB Size	RB Offset	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Turn-up time (dBm)	MFR (dB)
Channel				39750	40185	40600	41055	41460	41865	42270			
Frequency (MHz)				2526	2545.3	2603	2616	2638	2680				
20	QPSK	1	49	26.41	26.41	26.45	26.33	26.33			26.8	0	
20	QPSK	1	59	26.36	26.38	26.45	26.37	26.37					
20	QPSK	1	69	26.36	26.38	26.45	26.37	26.37					
20	QPSK	50	24	25.28	25.27	25.40	25.28	25.28			25.8	1	
20	QPSK	50	34	25.28	25.27	25.39	25.30	25.27					
20	QPSK	50	44	25.31	25.33	25.39	25.30	25.27					
20	16QAM	1	5	25.51	25.52	25.58	25.46	25.51			25.8	1	
20	16QAM	1	15	25.57	25.58	25.70	25.68	25.68					
20	16QAM	1	25	25.61	25.68	25.70	25.68	25.68					
20	16QAM	50	5	24.31	24.36	24.39	24.37	24.26					
20	16QAM	50	15	24.31	24.36	24.39	24.37	24.26					
20	16QAM	50	25	24.49	24.45	24.52	24.43	24.43			24.8	2	
20	16QAM	100	0	24.40	24.34	24.48	24.42	24.44					
20	16QAM	100	10	24.42	24.35	24.48	24.42	24.44					
20	64QAM	1	49	24.52	24.53	24.66	24.53	24.59			24.8	2	
20	64QAM	1	59	24.65	24.57	24.67	24.60	24.60					
20	64QAM	1	69	24.65	24.57	24.67	24.60	24.60					
20	64QAM	50	24	23.63	23.43	23.51	23.40	23.41			23.8	3	
20	64QAM	50	34	23.37	23.40	23.50	23.35	23.42					
20	64QAM	50	44	23.46	23.44	23.54	23.39	23.45					
20	256QAM	1	5	21.22	21.11	21.26	21.17	21.17			21.8	5	
20	256QAM	1	15	21.22	21.13	21.26	21.11	21.12					
20	256QAM	1	25	21.22	21.13	21.34	21.20	21.25					
20	256QAM	50	5	21.22	21.13	21.26	21.11	21.12					
20	256QAM	50	15	21.24	21.29	21.36	21.23	21.30					
20	256QAM	50	25	21.15	21.22	21.34	21.20	21.21			21.8	5	
Frequency (MHz)				2526	2545.3	2603	2616	2638	2680	Turn-up time (dBm)	MFR (dB)		
15	QPSK	1	5	26.29	26.29	26.42	26.38	26.31	26.31		26.8	0	
15	QPSK	1	37	26.36	26.38	26.42	26.38	26.38	26.38				
15	QPSK	1	57	26.33	26.33	26.42	26.38	26.38	26.38				
15	QPSK	36	5	25.20	25.41	25.38	25.27	25.38	25.38		25.8	1	
15	QPSK	36	15	25.38	25.13	25.36	25.14	25.23	25.24				
15	QPSK	36	25	25.29	25.27	25.29	25.27	25.33	25.33				
15	16QAM	1	5	26.45	26.51	26.48	26.48	26.48	26.48		26.8		
15	16QAM	1	37	26.44	26.54	26.58	26.57	26.62		26.8	1		
15	16QAM	1	74	26.47	26.55	26.72	26.68	26.58					
15	16QAM	1	100	26.42	26.43	26.55	26.51	26.51					
15	16QAM	36	5	24.61	24.41	24.37	24.32	24.47		24.8	2		
15	16QAM	36	15	24.62	24.42	24.37	24.36	24.36					
15	16QAM	36	25	24.31	24.29	24.36	24.33	24.33					
15	64QAM	1	5	24.26	24.24	24.38	24.35	24.46		24.8	2		
15	64QAM	1	15	24.38	24.48	24.57	24.41	24.47					
15	64QAM	1	74	24.43	24.49	24.64	24.61	24.61					
15	64QAM	36	5	23.23	23.07	23.34	23.14	23.14		23.8	3		
15	64QAM	36	15	23.26	23.23	23.33	23.23	23.23					
15	64QAM	36	25	23.36	23.33	23.37	23.34	23.42		23.8	3		
15	64QAM	75	5	23.35	23.41	23.44	23.40	23.29					
15	256QAM	1	5	21.15	21.05	21.20	21.11	21.11		21.8	5		
15	256QAM	1	37	21.16	20.99	21.17	21.07	21.00		21.8	5		
15	256QAM	1	74	21.16	21.18	21.29	21.23	21.11					
15	256QAM	36	5	21.17	21.08	21.23	21.12	21.24					
15	256QAM	36	20	21.17	21.09	21.31	21.12	21.11		21.8	5		
15	256QAM	36	59	21.19	21.27	21.21	21.23	21.23					
15	256QAM	36	100	21.07	21.07	21.17	21.07	21.07					
Channel				39750	40185	40600	41055	41460	41865	42270			
Frequency (MHz)				2526	2545.3	2603	2616	2638	2680				
10	QPSK	1	49	26.42	26.42	26.46	26.34	26.34			26.8	0	
10	QPSK	1	59	26.28	26.37	26.38	26.32	26.32					
10	QPSK	1	69	26.28	26.38	26.37	26.38	26.32					
10	QPSK	50	24	25.27	25.27	25.39	25.28	25.28			25.8	1	
10	QPSK	50	34	25.12	25.16	25.35	25.20	25.25					
10	QPSK	50	44	25.28	25.18	25.33	25.22	25.28					
10	QPSK	50	54	25.23	25.23	25.35	25.24	25.24					
10	16QAM	1	5	25.39	25.44	25.48	25.42	25.48			25.8	1	
10	16QAM	1	15	25.54	25.47	25.68	25.68	25.68					
10	16QAM	1	25	25.64	25.54	25.74	25.74	25.74					
10	16QAM	50	5	24.34	24.38	24.37	24.38	24.43			24.8	2	
10	16QAM	50	15	24.33	24.38	24.36	24.31	24.31					
10	16QAM	50	25	24.42	24.43	24.45	24.42	24.42					
10	64QAM	1	49	24.48	24.48	24.54	24.48	24.53			24.8	2	
10	64QAM	1	59	24.52	24.47	24.52	24.54	24.53					
10	64QAM	1	69	24.52	24.47	24.52	24.54	24.53					
10	64QAM	50	24	23.32	23.18	23.32	23.18	23.18			23.8	3	
10	64QAM	50	34	23.24	23.23	23.42	23.34	23.38					
10	64QAM	50	44	23.29	23.25	23.47	23.34	23.44					
10	64QAM	50	54	23.46	23.42	23.48	23.37	23.48					
10	256QAM	1	5	21.09	21.07	21.18	21.10	21.00			21.8	5	
10	256QAM	1	15	21.19	21.07	21.11	21.05	21.01					
10	256QAM	1	25	21.19	21.07	21.11	21.05	21.01					
10	256QAM	50	5	21.16	21.16	21.21	21.11	21.16			21.8	5	
10	256QAM	50	15	21.17	21.19	21.23	21.12	21.12					
10	256QAM	50	25	21.13	21.14	21.33	21.21	21.18			21.8	5	
10	256QAM	50	35	21.08	21.16	21.19	21.05	21.06			21.8	5	
Frequency (MHz)				2526	2545.3	2603	2616	2638	2680	Turn-up time (dBm)	MFR (dB)		
5	QPSK	1	0	25.30	26.32	26.38	26.33	26.28			26.8	0	
5	QPSK	1	12	26.00	26.38	26.52	26.49	26.28					
5	QPSK	1	24	26.29	26.38	26.42	26.38	26.31					
5	QPSK	12	0	25.29	25.37	26.39	26.35	26.35			25.8	1	
5	QPSK	12	12	25.29	25.37	26.39	26.35	26.35					
5	QPSK	12	13	25.21	25.20	25.36	25.24	25.15			25.8	1	
5	QPSK	25	0	25.22	25.18	26.33	26.33	26.22					
5	QPSK	25	12	25.07	25.07	25.16	25.16	25.16					
5	16QAM	1	12	25.52	25.52	25.68	25.67	25.48			25.8	1	
5	16QAM	1	24	25.58	25.63	25.64	25.65	25.47					
5	16QAM	1	36	24.21	24.21	24.21	24.21	24.21			24.8	2	
5	16QAM	12	7	24.40	24.37	24.49	24.22	24.38					
5	16QAM	12	13	24.46	24.35	24.51	24.20	24.42					
5	16QAM	12	24	24.25	24.25	24.37	24.15	24.37					
5	64QAM	1	0	24.35	24.34	24.39	24.26	24.41			24.8	2	
5	64QAM	1	24	24.64	24.50	24.55	24.50	24.58					
5	64QAM	12	0	23.29	23.13	23.27	23.18	23.14			23.8	3	
5	64QAM	12	13	23.28	23.12	23.26	23.17	23.13					
5	64QAM	12	13	23.28	23.32	23.44	23.25	23.43			23.8	3	
5	64QAM	25	0	23.37	23.59	23.41	23.43	23.38					
5	256QAM	1	12	21.12	21.02	21.15	21.02	21.08			21.8	5	
5	256QAM	1	12	21.14	21.07	21.19	21.05	21.01					
5	256QAM	1	24	21.13	21.03	21.13	21.00	21.11					
5	256QAM	1	36	21.17	21.19	21.22	21.12	21.12					
5	256QAM	12	7	21.09	21.09	21.26	21.21	21.10			21.8	5	
5	256QAM	12	13	21.23	21.21	21.28	21.21	21.22					
5	256QAM	12	24	21.07	21.07	21.16	21.10	21.10					

Band 41_Ant 6														
#	BWP	Modulation	RB Size	RB Offset	Power Level 1		Power Level 2		Power Level 3		Power Level 4		Turn-up time (dBm)	MPE (dB)
					Power Level 1 (W)	Power Level 1 (dBm)	Power Level 2 (W)	Power Level 2 (dBm)	Power Level 3 (W)	Power Level 3 (dBm)	Power Level 4 (W)	Power Level 4 (dBm)		
Channel					39750	40165	40620	41055	41465	41865				
Frequency (MHz)					2561	2564.3	2593	2639	2685		Turn-up time (dBm)	MPE (dB)		
30	GP8K	1	0	22.76	23.11	23.24	23.33	23.10		23.3	0			
30	GP8K	1	46	22.65	23.05	23.19	23.13	23.06						
30	GP8K	50	24	21.85	22.02	22.21	22.12	22.10		22.3	1			
30	GP8K	50	24	21.72	22.03	22.20	22.16	22.09						
30	GP8K	50	24	21.67	22.12	22.18	22.14	22.17						
30	16QAM	1	0	21.73	22.08	22.22	22.11	22.18		22.3	1			
30	16QAM	1	46	21.74	22.16	22.29	22.24	22.16		22.3	1			
30	16QAM	50	24	21.63	21.98	22.11	22.06	22.07						
30	16QAM	50	24	20.71	21.18	21.24	21.13	21.17		21.3	2			
30	16QAM	50	24	20.71	21.18	21.24	21.13	21.17						
30	16QAM	100	0	20.81	21.12	21.22	21.11	21.15		21.3	2			
30	16QAM	100	0	20.71	21.11	21.21	21.10	21.14						
30	64QAM	1	46	20.75	21.20	21.27	21.16	21.12		21.3	2			
30	64QAM	1	99	20.71	21.11	21.26	21.17	21.15						
30	64QAM	50	24	19.84	20.16	20.26	20.22	20.16		20.3	3			
30	64QAM	50	24	19.78	20.20	20.28	20.15	20.24						
30	256QAM	1	0	17.16	17.68	17.71	17.62	17.59		18.3	5			
30	256QAM	1	46	17.20	17.68	17.73	17.66	17.64						
30	256QAM	50	24	17.25	17.69	17.73	17.66	17.64						
30	256QAM	50	24	17.09	17.61	17.71	17.67	17.67						
30	256QAM	50	24	17.09	17.61	17.68	17.68	17.68						
30	256QAM	50	24	17.15	17.62	17.63	17.53	17.58						
30	256QAM	100	0	17.05	17.56	17.62	17.51	17.49		Turn-up time (dBm)	MPE (dB)			
Frequency (MHz)					2561.5	2564.3	2593	2637.8	2682.5					
16	GP8K	1	0	22.70	23.10	23.00	23.12	23.12		23.3	0			
16	GP8K	1	37	22.70	23.10	23.10	22.99	23.07						
16	GP8K	1	37	22.55	23.15	23.10	22.99	23.07						
16	GP8K	50	24	21.74	22.10	22.08	22.09	22.02		22.3	1			
16	GP8K	50	24	21.63	22.08	22.10	22.03	21.98		22.3	1			
16	GP8K	50	24	21.63	22.08	22.10	22.03	21.98						
16	GP8K	75	3	21.85	22.21	22.39	21.99	22.15		21.3	2			
16	16QAM	1	0	21.83	22.08	22.16	22.03	22.10		21.3	2			
16	16QAM	1	37	21.67	22.28	22.07	22.15	22.01						
16	16QAM	1	74	21.58	22.20	22.11	22.01	22.09						
16	16QAM	1	121	21.63	22.12	22.08	22.01	22.01		21.3	2			
16	16QAM	36	20	20.70	21.21	21.24	21.18	21.13						
16	16QAM	36	20	20.70	21.21	21.07								
16	16QAM	36	20	20.51	21.10	21.07								
16	16QAM	36	20	20.47	21.09	20.90	20.93	20.87						
16	16QAM	1	37	20.66	21.24	21.05	21.03	21.01		21.3	2			
16	16QAM	1	37	20.51	21.13	21.04	21.01	21.01						
16	64QAM	36	20	19.82	20.22	20.05	20.05	20.12						
16	64QAM	36	20	19.75	20.23	20.06	20.06	20.12						
16	64QAM	36	20	19.72	20.15	20.13	20.07	20.22		20.3	3			
16	64QAM	75	3	19.61	20.04	19.86	19.82	20.15						
16	256QAM	1	0	17.13	17.67	17.65	17.54	17.58		18.3	5			
16	256QAM	1	37	17.09	17.60	17.57	17.51	17.50						
16	256QAM	1	74	17.20	17.11	17.57	17.67	17.65						
16	256QAM	1	121	17.18	17.08	17.57	17.68	17.68						
16	256QAM	36	20	17.12	17.58	17.51	17.58	17.53		18.3	5			
16	256QAM	36	20	17.03	17.53	17.50	17.44	17.52						
16	256QAM	36	20	16.91	17.57	17.54	17.44	17.38						
Channel					39750	40165	40620	41055	41465	41865	Turn-up time (dBm)	MPE (dB)		
Frequency (MHz)					2561	2564.3	2593	2639	2685		Turn-up time (dBm)	MPE (dB)		
30	GP8K	1	0	22.81	23.18	23.29	23.33	23.12		23.3	0			
30	GP8K	1	26	22.74	23.21	23.29	23.30	23.04		23.3	0			
30	GP8K	1	49	22.63	23.05	22.99	22.99	23.01						
30	GP8K	1	71	21.71	21.88	21.96	21.96	21.96		22.3	1			
30	GP8K	1	24	21.85	22.30	21.93	22.11	22.04						
30	GP8K	25	21	21.70	22.10	21.98	22.03	22.07		22.3	1			
30	GP8K	25	21	21.66	22.04	22.04	22.04	22.04						
30	16QAM	1	0	21.62	22.09	22.03	22.00	22.02		22.3	1			
30	16QAM	1	26	21.66	22.22	22.14	22.11	22.06						
30	16QAM	1	26	21.49	21.95	21.95	21.95	21.95		21.3	2			
30	16QAM	1	25	20.62	21.17	21.16	21.00	21.00		21.3	2			
30	16QAM	14	12	20.71	21.14	21.21	21.10	21.10						
30	16QAM	25	25	20.87	21.14	21.12	21.00	21.00						
30	16QAM	50	3	20.48	21.12	21.10	20.96	21.10						
30	16QAM	50	3	20.38	21.01	20.96	20.87	21.01						
30	16QAM	1	26	20.81	21.19	21.16	21.00	21.00		21.3	2			
30	16QAM	1	49	20.65	21.21	20.97	21.02	21.07						
30	16QAM	1	71	19.64	20.98	20.98	20.97	20.97		20.3	3			
30	16QAM	25	12	19.97	20.12	20.14	20.15	20.21						
30	16QAM	25	12	19.71	20.13	20.20	20.07	20.16						
30	16QAM	50	19	19.59	20.17	20.17	20.17	20.17						
30	256QAM	1	0	17.09	17.59	17.53	17.52	17.50		18.3	5			
30	256QAM	1	26	17.07	17.68	17.64	17.57	17.61						
30	256QAM	1	26	17.00	17.64	17.64	17.56	17.61						
30	256QAM	25	12	17.06	17.63	17.63	17.44	17.51		18.3	5			
30	256QAM	25	12	17.00	17.64	17.54	17.52	17.52						
30	256QAM	50	3	16.94	17.54	17.43	17.36	17.36		Turn-up time (dBm)	MPE (dB)			
Frequency (MHz)					2561.5	2564.5	2593	2640.3	2687.5					
5	GP8K	1	0	22.81	23.18	23.09	23.09	23.14		23.3	0			
5	GP8K	1	12	22.73	23.10	22.96	22.97	22.97		23.3	0			
5	GP8K	1	25	22.55	23.09	22.96	22.96	22.98						
5	GP8K	12	13	21.88	22.23	21.87	22.08	22.08		22.3	1			
5	GP8K	12	18	21.87	22.18	21.96	22.15	22.15		22.3	1			
5	GP8K	12	18	21.82	22.18	21.95	22.13	22.03						
5	GP8K	25	25	21.58	22.18	22.10	21.99	22.05		22.3	1			
5	GP8K	25	25	21.67	22.15	22.08	21.98	22.05						
5	16QAM	1	12	21.65	22.20	22.12	22.21	22.14		22.3	1			
5	16QAM	1	24	21.51	22.21	22.09	22.09	22.08						
5	16QAM	1	27	21.42	22.17	22.11	22.11	22.14		21.3	2			
5	16QAM	12	7	20.82	21.12	21.11	21.19	21.14		21.3	2			
5	16QAM	12	19	20.64	21.13	20.99	21.03	21.03						
5	16QAM	12	19	20.54	21.08	21.07	21.07	21.13						
5	16QAM	12	19	20.35	21.07	20.88	20.90	20.94		21.3	2			
5	16QAM	12	19	20.16	21.06	20.87	20.88	20.94						
5	64QAM	1	24	20.50	21.16	21.02	21.11	21.09						
5	64QAM	12	3	19.81	20.11	20.00	20.02	20.10		20.3	3			
5	64QAM	12	3	19.87	20.12	20.03	20.03	20.13						
5	64QAM	12	13	19.84	20.18	20.17	20.10	20.10						
5	256QAM	1	0	16.83	16.14	16.15	16.13	16.18		18.3	5			
5	256QAM	1	12	17.02	16.58	16.55	16.55	16.55						
5	256QAM	1	12	17.17	17.41	17.55	17.47	17.49		18.3	5			
5	256QAM	24	17	17.37	17.64	17.68	17.59	17.68						
5	256QAM	12	17	17.52	17.63	17.66	17.59	17.67						
5	256QAM	12	17	17.06	17.61	17.54	17.62	17.43		18.3	5			
5	256QAM	12	13	17.36	17.49	17.47	17.49	17.49						
5	256QAM	12	13	17.09	17.54	17.43	17.43	17.43						

Band 41 (HPUE)_Ant 6													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPR (dB)		
Channel													
Frequency (MHz)				36760	40165	40200	41555	41680					
20	QPSK	1	0	24.63	24.63	24.63	24.63	24.63					
20	QPSK	1	49	24.60	24.49	24.64	24.63	24.61		24.8	0		
20	QPSK	1	98	24.56	24.58	24.68	24.68	24.54					
20	QPSK	50	0	23.63	23.63	23.61	23.63	23.54					
20	QPSK	50	24	23.61	23.47	23.60	23.49	23.53		23.8	1		
20	QPSK	50	50	23.59	23.59	23.63	23.59	23.53					
20	HQAM	1	0	23.62	23.62	23.62	23.62	23.58					
20	HQAM	1	49	23.59	23.69	23.74	23.62	23.68		23.8	1		
20	HQAM	1	99	23.71	23.67	23.72	23.62	23.69					
20	HQAM	50	0	22.49	22.53	22.55	22.46	22.47					
20	HQAM	50	24	22.52	22.64	22.71	22.59	22.67		22.8	2		
20	HQAM	50	50	22.61	22.66	22.70	22.68	22.69					
20	HQAM	100	0	22.56	22.60	22.68	22.58	22.57					
20	HQAM	1	0	22.52	22.55	22.61	22.52	22.57		22.8	2		
20	HQAM	1	49	22.73	22.75	22.80	22.65	22.72					
20	HQAM	1	99	22.67	22.69	22.74	22.63	22.70					
20	HQAM	50	0	21.51	21.53	21.61	21.51	21.53					
20	HQAM	50	24	21.65	21.56	21.71	21.58	21.65		21.8	3		
20	HQAM	50	50	21.60	21.58	21.69	21.61	21.60					
20	HQAM	100	0	21.62	21.61	21.65	21.58	21.50					
20	25SSGAM	1	0	19.40	19.40	19.53	19.47	19.38					
20	25SSGAM	1	49	19.43	19.46	19.57	19.51	19.51		19.8	5		
20	25SSGAM	1	99	19.35	19.38	19.48	19.35	19.40					
20	25SSGAM	50	0	19.30	19.37	19.39	19.30	19.30					
20	25SSGAM	50	24	19.54	19.42	19.47	19.44	19.48		19.8	5		
20	25SSGAM	100	0	19.55	19.58	19.61	19.58	19.57					
Channel													
Frequency (MHz)				25053 <th>25458</th> <th>25493</th> <th>25993</th> <th>26078</th> <th>26053</th> <th></th> <th></th> <th></th> <th></th>	25458	25493	25993	26078	26053				
15	QPSK	1	0	24.61	24.69	24.61	24.63	24.57					
15	QPSK	1	37	24.48	24.51	24.46	24.50	24.46		24.8	0		
15	QPSK	1	74	24.46	24.67	24.43	24.57	24.41					
15	QPSK	36	0	23.50	23.57	23.41	23.60	23.52					
15	QPSK	36	20	23.42	23.67	23.41	23.52	23.51		23.8	1		
15	QPSK	36	50	23.46	23.67	23.46	23.51	23.49					
15	QPSK	75	0	23.47	23.62	23.46	23.48	23.45					
15	HQAM	1	0	23.37	23.56	23.36	23.39	23.48					
15	HQAM	1	37	23.58	23.59	23.63	23.53	23.63		23.8	1		
15	HQAM	1	74	23.65	23.60	23.63	23.54	23.64					
15	HQAM	36	0	22.47	22.51	22.43	22.57	22.51					
15	HQAM	36	20	22.58	22.58	22.61	22.57	22.57		22.8	2		
15	HQAM	36	50	22.47	22.60	22.51	22.67	22.48					
15	HQAM	75	0	22.34	22.62	22.40	22.54	22.48					
15	HQAM	75	24	22.38	22.61	22.47	22.58	22.41					
15	HQAM	1	97	22.68	22.79	22.67	22.50	22.65		22.8	2		
15	HQAM	1	37	22.59	22.62	22.59	22.59	22.59					
15	HQAM	36	0	21.38	21.52	21.42	21.35	21.33		21.8	3		
15	HQAM	36	20	21.58	21.57	21.53	21.44	21.50					
15	HQAM	36	50	21.53	21.56	21.56	21.50	21.56					
15	HQAM	75	0	21.47	21.57	21.43	21.43	21.41					
15	HQAM	75	24	21.29	21.38	21.31	21.38	21.32					
15	HQAM	1	97	21.55	21.54	21.53	21.47	21.51		19.8	5		
15	25SSGAM	1	0	19.32	19.35	19.32	19.41	19.45					
15	25SSGAM	1	37	19.24	19.45	19.24	19.33	19.32					
15	25SSGAM	1	74	19.42	19.27	19.48	19.43	19.34					
15	25SSGAM	36	0	19.44	19.52	19.49	19.35	19.34					
15	25SSGAM	36	20	19.25	19.38	19.40	19.35	19.41					
15	25SSGAM	36	50	19.47	19.35	19.47	19.37	19.40					
Channel													
Frequency (MHz)				26070	26470	26500	26990	26965					
5	QPSK	1	0	24.60	24.60	24.60	24.60	24.57					
5	QPSK	1	20	24.54	24.58	24.45	24.62	24.51		24.8	0		
5	QPSK	1	48	24.43	24.62	24.45	24.57	24.44					
5	QPSK	12	0	23.47	23.54	23.40	23.53	23.44					
5	QPSK	25	12	23.45	23.58	23.52	23.39	23.50		23.8	1		
5	QPSK	25	24	23.49	23.54	23.48	23.41	23.45					
5	QPSK	25	36	23.53	23.63	23.46	23.38	23.47					
5	HQAM	1	0	23.42	23.56	23.36	23.37	23.54					
5	HQAM	1	20	23.54	23.72	23.63	23.54	23.67		23.8	1		
5	HQAM	1	48	23.53	23.63	23.46	23.38	23.47					
5	HQAM	12	0	22.39	22.42	22.49	22.27	22.33					
5	HQAM	12	12	22.52	22.63	22.46	22.38	22.50		22.8	2		
5	HQAM	25	0	22.49	22.58	22.51	22.34	22.49					
5	HQAM	25	12	22.50	22.61	22.52	22.54	22.54					
5	HQAM	25	24	22.55	22.50	22.50	22.42	22.49					
5	HQAM	1	0	22.70	22.78	22.73	22.55	22.67		22.8	2		
5	HQAM	1	48	22.54	22.62	22.58	22.66	22.60					
5	HQAM	1	72	22.61	22.65	22.65	22.58	22.62					
5	HQAM	12	0	21.54	21.60	21.63	21.50	21.53		21.8	3		
5	HQAM	25	0	21.58	21.60	21.55	21.46	21.45					
5	HQAM	25	12	21.63	21.64	21.64	21.54	21.51					
5	25SSGAM	1	0	19.37	19.43	19.26	19.34	19.28					
5	25SSGAM	1	20	19.37	19.52	19.41	19.47	19.40		19.8	5		
5	25SSGAM	1	48	19.47	19.47	19.47	19.47	19.47					
5	25SSGAM	12	0	19.51	19.52	19.47	19.50	19.42					
5	25SSGAM	25	0	19.52	19.51	19.46	19.50	19.42					
5	25SSGAM	25	12	19.53	19.53	19.35	19.51	19.43					
5	25SSGAM	1	0	19.48	19.48	19.55	19.57	19.42					
Channel													
Frequency (MHz)				24655 <th>24643<th>24690<th>24700<th>24685</th><th></th><th></th><th></th><th></th><th></th></th></th></th>	24643 <th>24690<th>24700<th>24685</th><th></th><th></th><th></th><th></th><th></th></th></th>	24690 <th>24700<th>24685</th><th></th><th></th><th></th><th></th><th></th></th>	24700 <th>24685</th> <th></th> <th></th> <th></th> <th></th> <th></th>	24685					
5	QPSK	1	0	24.60	24.60	24.60	24.60	24.55					
5	QPSK	1	12	24.50	24.56	24.40	24.62	24.55		24.8	0		
5	QPSK	1	24	24.53	24.67	24.47	24.53	24.62					
5	QPSK	12	7	23.43	23.56	23.48	23.41	23.50		23.8	1		
5	QPSK	12	13	23.46	23.48	23.43	23.37	23.47					
5	QPSK	25	0	23.46	23.52	23.45	23.47	23.51					
5	HQAM	1	0	23.51	23.46	23.42	23.52	23.51		23.8	1		
5	HQAM	1	12	23.62	23.46	23.55	23.50	23.54					
5	HQAM	1	24	23.64	23.60	23.56	23.58	23.56					
5	HQAM	12	0	22.55	22.41	22.49	22.37	22.42		22.8	2		
5	HQAM	12	7	22.67	22.60	22.59	22.56	22.67					
5	HQAM	12	13	22.68	22.56	22.59	22.58	22.64					
5	HQAM	25	0	22.56	22.56	22.58	22.51	22.42					
5	HQAM	1	0	22.44	22.53	22.45	22.52	22.44					
5	HQAM	1	12	22.69	22.78	22.70	22.52	22.66		22.8	2		
5	HQAM	1	24	22.62	22.66	22.61	22.52	22.60					
5	HQAM	12	0	21.35	21.42	21.42	21.38	21.40					
5	HQAM	12	7	21.59	21.69	21.54	21.46	21.64		21.8	3		
5	HQAM	12	13	21.68	21.67	21.64	21.51	21.57					
5	HQAM	25	0	21.51	21.63	21.50	21.51	21.40					
5	25SSGAM	1	0	19.37	19.44	19.37	19.38	19.32					
5	25SSGAM	1	12	19.37	19.51	19.37	19.38	19.32					
5	25SSGAM	1	24	19.30	19.42	19.23	19.31	19.35					
5	25SSGAM	12	0	19.50	19.50	19.44	19.42	19.46					
5	25SSGAM	12	7	19.45	19.47	19.52	19.37	19.30					
5	25SSGAM	12	13	19.35	19.43	19.40	19.36	19.36					
5	25SSGAM	25	0	19.41	19.53	19.45	19.51	19.50					

Band 41_Ant 5													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPR (dB)		
Channel													
Frequency (MHz)													
20	QPSK	1	0	24.63	24.63	24.68	24.60	24.60					
20	QPSK	1	49	24.63	24.60	24.61	24.59	24.57		25.3	0		
20	QPSK	1	98	24.78	24.70	24.93	24.80	24.82					
20	QPSK	50	0	23.62	23.61	24.05	24.00	23.65					
20	QPSK	50	24	23.62	23.61	23.61	23.61	23.61					
20	QPSK	50	50	23.69	23.77	24.01	23.85	23.82		24.3	1		
20	QPSK	100	0	23.67	23.68	24.02	23.90	23.94					
20	HQAM	1	0	23.66	23.66	23.65	23.65	23.65					
20	HQAM	1	49	23.71	23.68	24.15	24.03	24.01		24.3	1		
20	HQAM	1	99	23.81	23.64	23.86	23.81	23.83					
20	HQAM	50	0	23.63	22.83	23.64	23.62	23.62					
20	HQAM	50	24	23.62	22.93	23.65	23.68	23.61		23.3	2		
20	HQAM	50	50	23.60	22.85	23.69	23.69	23.61					
20	HQAM	100	0	23.61	22.89	23.61	23.61	23.58					
20	HQAM	1	0	22.81	22.58	22.82	22.68	22.72					
20	HQAM	1	49	22.82	22.72	22.86	22.74	22.80		22.0	2		
20	HQAM	1	99	22.75	22.72	22.86	22.74	22.83					
20	HQAM	50	0	22.81	22.58	22.82	22.68	22.72					
20	HQAM	50	24	22.82	22.72	22.86	22.74	22.80		22.0	2		
20	HQAM	50	50	22.75	22.72	22.86	22.74	22.83					
20	HQAM	100	0	22.81	22.58	22.82	22.68	22.72					
20	HQAM	1	0	21.83	21.73	21.89	21.50	21.56					
20	HQAM	1	49	21.81	21.90	22.07	21.56	21.66		22.0	3		
20	HQAM	1	98	21.78	21.78	21.81	21.50	21.50					
20	HQAM	50	0	21.85	21.69	21.85	21.45	21.50					
20	HQAM	50	24	21.85	21.69	21.85	21.45	21.50					
20	HQAM	50	50	21.85	21.69	21.85	21.45	21.50					
20	HQAM	100	0	21.85	21.69	21.85	21.45	21.50					
20	HQAM	1	0	19.85	19.85	19.93	19.30	19.32		20.3	5		
20	HQAM	1	49	19.87	19.88	19.98	19.46	19.50					
20	HQAM	1	98	19.91	19.78	19.94	19.36	19.38					
20	HQAM	50	0	19.77	19.68	19.78	19.71	19.85		20.3	5		
20	HQAM	50	24	19.81	19.76	19.94	19.36	19.38					
20	HQAM	50	50	19.81	19.76	19.94	19.36	19.38					
20	HQAM	100	0	19.81	19.76	19.94	19.36	19.38					
Channel													
Frequency (MHz)													
20	QPSK	1	0	24.63	24.63	24.68	24.60	24.60					
20	QPSK	1	49	24.63	24.60	24.61	24.59	24.57		25.3	0		
20	QPSK	1	98	24.78	24.70	24.93	24.80	24.82					
20	QPSK	50	0	23.62	23.61	24.05	24.00	23.65					
20	QPSK	50	24	23.62	23.61	23.61	23.61	23.61					
20	QPSK	50	50	23.69	23.77	24.01	23.85	23.82		24.3	1		
20	QPSK	100	0	23.67	23.68	24.02	23.90	23.94					
20	HQAM	1	0	23.66	23.66	23.65	23.65	23.65					
20	HQAM	1	49	23.71	23.68	24.15	24.03	24.01		24.3	1		
20	HQAM	1	99	23.81	23.64	23.86	23.81	23.83					
20	HQAM	50	0	23.63	22.83	23.64	23.62	23.62					
20	HQAM	50	24	23.62	22.93	23.65	23.68	23.61		23.3	2		
20	HQAM	50	50	23.60	22.85	23.69	23.69	23.61					
20	HQAM	100	0	23.61	22.89	23.61	23.61	23.58					
20	HQAM	1	0	22.81	22.58	22.82	22.68	22.72					
20	HQAM	1	49	22.82	22.72	22.86	22.74	22.80		22.0	2		
20	HQAM	1	99	22.75	22.72	22.86	22.74	22.83					
20	HQAM	50	0	22.81	22.58	22.82	22.68	22.72					
20	HQAM	50	24	22.82	22.72	22.86	22.74	22.80		22.0	2		
20	HQAM	50	50	22.75	22.72	22.86	22.74	22.83					
20	HQAM	100	0	22.81	22.58	22.82	22.68	22.72					
20	HQAM	1	0	21.83	21.73	21.89	21.50	21.56					
20	HQAM	1	49	21.81	21.90	22.07	21.56	21.66		22.0	3		
20	HQAM	1	98	21.78	21.78	21.81	21.50	21.50					
20	HQAM	50	0	21.85	21.69	21.85	21.45	21.50					
20	HQAM	50	24	21.85	21.69	21.85	21.45	21.50					
20	HQAM	50	50	21.85	21.69	21.85	21.45	21.50					
20	HQAM	100	0	21.85	21.69	21.85	21.45	21.50					
20	HQAM	1	0	19.85	19.85	19.93	19.30	19.32		20.3	5		
20	HQAM	1	49	19.87	19.88	19.98	19.46	19.50					
20	HQAM	1	98	19.91	19.78	19.94	19.36	19.38					
20	HQAM	50	0	19.77	19.68	19.78	19.71	19.85		20.3	5		
20	HQAM	50	24	19.81	19.76	19.94	19.36	19.38					
20	HQAM	50	50	19.81	19.76	19.94	19.36	19.38					
20	HQAM	100	0	19.81	19.76	19.94	19.36	19.38					
Channel													
Frequency (MHz)													
5	QPSK	1	0	24.69	24.74	24.88	24.68	24.68	25.00				
5	QPSK	1	12	24.88	24.86	24.90	24.65	24.66		25.3	0		
5	QPSK	1	24	24.78	24.78	24.81	24.62	24.63					
5	QPSK	12	0	23.91	23.90	23.93	23.89	23.92					
5	QPSK	12	7	23.82	23.81	23.83	23.80	23.86		24.3	1		
5	QPSK	12	14	23.78	23.78	23.81	23.79	23.82					
5	QPSK	24	0	23.94	23.75	23.89	23.76	23.75					
5	QPSK	24	12	23.84	23.84	23.84	23.74	23.74					
5	HQAM	1	0	24.03	23.83	23.83	23.89	24.02		24.3	1		
5	HQAM	1	24	23.88	23.56	23.81	23.73	23.75					
5	HQAM	1	48	23.90	23.60	23.88	23.76	23.78					
5	HQAM	12	7	23.83	23.91	23.91	23.82	23.90		23.3	2		
5	HQAM	12	13	23.88	23.70	23.86	23.66	23.66					
5	HQAM	12	25	23.88	23.52	23.87	23.64	23.64					
5	HQAM	12	37	23.89	23.50	22.87	22.84	22.82					
5	HQAM	12	49	23.94	23.87	23.96	22.88	23.07		23.3	2		
5	HQAM	12	61	23.83	23.70	23.81	23.61	23.61					
5	HQAM	12	73	23.74	23.71	23.71	23.59	23.67					
5	HQAM	12	85	23.82	23.69	23.81	23.60	23.66					
5	HQAM	12	97	23.86	23.78	23.81	23.60	23.66					
5	HQAM	24	0	23.92	23.73	23.87	23.64	23.64		24.3	3		
5	HQAM	24	12	23.82	23.69	23.81	23.60	23.66					
5	HQAM	24	24	23.86	23.67	23.86	23.67	23.67					
5	HQAM	24	36	23.84	23.64	23.84	23.64	23.64					
5	HQAM	24	48	23.91	23.77	23.90	23.63	23.64		20.3	5		
5	HQAM	24	60	23.86	23.67	23.86	23.67	23.67					
5	HQAM	24	72	23.84	23.64	23.84	23.64	23.64					
5	HQAM	24	84	23.74	23.70	23.73	23.71	23.75		20.3	5		
5	HQAM	24	96	23.86	23.68	23.91	23.68	23.68					
5	HQAM	24	108	23.86	23.68	23.91	23.68	23.68					

[illegible]

Band 48_Ant 8												
BW [MHz]	Modulation	RB Sub	RB Offset	Power Low Ch./Freq.	Power Low Mod. Ch./Freq.	Power High Ch./Freq.	Power High Mod. Ch./Freq.	Turn-on time [sec]	MPE [dB]			
Channel				55340	55830	56150	56640					
Frequency [MHz]				55340	55830	56150	56640					
20	QPSK	1	0	21.01	22.07	22.09	22.25	23.8	0			
20	QPSK	1	49	22.82	23.84	23.81	22.81					
20	QPSK	1	99	22.86	22.92	22.88	22.82					
20	QPSK	50	0	22.19	22.28	22.23	22.12					
20	QPSK	50	24	22.14	22.20	22.16	22.10					
20	QPSK	50	50	22.12	22.19	22.13	22.08	22.8	1			
20	16QAM	1	0	22.05	22.14	22.07	22.02					
20	16QAM	1	49	22.07	22.19	22.17	22.10					
20	16QAM	1	99	22.04	22.11	22.17	22.07					
20	16QAM	50	0	21.18	21.38	21.32	21.10					
20	16QAM	50	24	21.29	21.29	21.22	21.19	21.8	2			
20	16QAM	50	50	21.10	21.25	21.14	21.04					
20	16QAM	100	0	21.10	21.27	21.11	21.00					
20	8QAM	1	0	21.12	21.26	21.25	21.09					
20	8QAM	1	49	21.17	21.30	21.19	21.27					
20	8QAM	1	99	21.05	21.22	21.00	21.01	21.0	2			
20	8QAM	50	0	20.18	20.35	20.32	20.13					
20	8QAM	50	24	20.18	20.30	20.32	20.13					
20	8QAM	50	50	20.11	20.19	20.12	20.02					
20	256QAM	1	49	18.08	18.21	18.16	18.06					
20	256QAM	1	99	18.01	18.14	18.14	17.99	18.8	5			
20	256QAM	50	0	18.23	18.28	18.29	18.23					
20	256QAM	50	24	18.21	18.28	18.22	18.20					
20	256QAM	50	50	18.21	18.28	18.22	18.20					
20	256QAM	100	0	18.21	18.26	18.26	18.21					
Channel				55315	55820	56160	56695	Turn-on time [sec]	MPE [dB]			
Frequency [MHz]				55315	55820	56160	56695					
15	QPSK	1	0	22.99	22.77	22.93	22.75	23.8	0			
15	QPSK	1	37	22.97	22.82	22.90	22.76					
15	QPSK	1	74	22.91	22.85	22.91	22.78					
15	QPSK	50	0	22.21	22.08	22.14	22.06					
15	QPSK	50	24	22.20	22.01	22.09	22.00					
15	QPSK	50	50	22.17	22.01	22.12	22.07	22.8	1			
15	QPSK	100	0	22.15	21.95	22.05	22.04					
15	16QAM	1	0	22.15	21.97	22.00	21.92					
15	16QAM	1	37	22.15	21.97	22.00	21.92					
15	16QAM	1	74	22.11	21.92	22.04	22.04					
15	16QAM	50	0	21.32	21.08	21.18	21.00	21.8	2			
15	16QAM	50	24	21.33	21.02	21.11	21.02					
15	16QAM	50	50	21.25	21.07	21.04	21.02					
15	16QAM	100	0	21.32	21.08	21.08	21.00					
15	16QAM	1	0	21.31	20.97	21.13	21.00					
15	8QAM	1	37	21.17	21.16	21.14	21.07	21.8	2			
15	8QAM	1	74	21.08	21.01	21.05	20.97					
15	8QAM	50	0	20.20	20.07	20.10	20.12					
15	8QAM	50	24	20.21	20.05	20.18	20.09					
15	8QAM	50	50	20.16	20.02	20.13	20.10					
15	256QAM	1	0	18.29	18.05	18.09	17.98	18.8	3			
15	256QAM	1	37	18.25	17.93	18.03	17.93					
15	256QAM	1	74	18.01	17.97	18.08	17.94					
15	256QAM	50	0	18.20	18.07	18.18	18.15					
15	256QAM	50	24	18.28	18.02	18.16	18.24					
15	256QAM	50	50	18.24	18.04	18.10	18.07	18.8	5			
15	256QAM	100	0	18.20	17.99	18.22	18.01					
15	256QAM	1	49	18.21	18.05	18.15	18.05					
15	256QAM	50	0	18.20	17.99	18.22	18.01					
15	256QAM	50	24	18.20	17.99	18.22	18.01					
Channel				55250	55815	56175	56690	Turn-on time [sec]	MPE [dB]			
Frequency [MHz]				55250	55815	56175	56690					
10	QPSK	1	0	22.99	22.78	22.85	22.72	23.8	0			
10	QPSK	1	24	23.03	22.87	22.95	22.81					
10	QPSK	1	49	22.84	22.74	22.87	22.74					
10	QPSK	25	0	22.22	22.03	22.13	22.05					
10	QPSK	25	12	22.20	22.04	22.09	21.97					
10	QPSK	25	25	22.15	21.97	22.18	22.01	22.8	1			
10	QPSK	50	0	22.10	21.88	22.10	21.97					
10	16QAM	1	0	22.06	21.85	21.93	21.83					
10	16QAM	1	25	22.17	21.93	22.14	22.02					
10	16QAM	1	49	22.08	21.85	22.05	21.97					
10	16QAM	25	0	21.23	21.13	21.23	20.97	21.8	2			
10	16QAM	25	12	21.26	21.09	21.21	21.05					
10	16QAM	25	25	21.25	21.09	21.01	20.92					
10	16QAM	50	0	21.11	21.04	21.08	21.01					
10	8QAM	1	0	21.21	20.99	21.18	20.97					
10	8QAM	1	25	21.23	21.09	21.15	21.14	21.8	2			
10	8QAM	1	49	21.06	21.00	21.04	20.90					
10	8QAM	25	0	20.16	20.17	20.28	20.11					
10	8QAM	25	12	20.24	20.05	20.11	20.00					
10	8QAM	25	25	20.15	19.93	20.08	19.95					
10	8QAM	50	0	20.25	19.96	20.12	20.01	20.8	3			
10	256QAM	1	0	18.08	17.95	18.01	17.92					
10	256QAM	1	25	18.09	17.93	18.07	18.02					
10	256QAM	1	49	18.02	17.96	18.03	17.96					
10	256QAM	25	0	18.28	18.03	18.16	18.17					
10	256QAM	25	12	18.34	18.03	18.20	18.17	18.8	5			
10	256QAM	25	25	18.26	18.02	18.15	18.01					
10	256QAM	50	0	18.26	17.97	18.23	18.14					
10	256QAM	50	12	18.24	18.15	18.09	18.23					
10	256QAM	25	0	18.26	18.08	18.17	18.18					

Band 48_Ant 10

Reduced Power Mode for DSI 4

GSMD00_Ant 1		Burst Average Power (dBm)			Tune-up			Frame Average Power (dBm)			Tune-up		
TX Channel	Frequency (MHz)	150.2	160.2	160.1	Limit (dBm)	150.2	160.1	160.1	Limit (dBm)	150.2	160.1	160.1	Limit (dBm)
GSM 1 Tx ant	154.2	154.4	164.8			164.2	154.4	164.8					
GPRS 1 Tx ant	13.01	32.80	33.00	34.00	24.01	23.80	24.00	24.00					
GPRS 2 Tx ant	12.00	32.81	33.00	34.00	23.82	23.81	23.90	24.00					
GPRS 3 Tx ant	29.79	29.81	29.80	31.00	23.79	23.81	23.80	24.00					
GPRS 4 Tx ant	17.96	26.01	26.00	28.00	23.76	23.79	23.77	24.00					
GPRS 5 Tx ant	26.71	26.82	26.79	28.00	23.71	23.69	23.79	24.00					
EDGE(GSMK 1 Tx ant)	32.91	32.77	32.80	34.00	23.91	23.77	23.85	24.00					
EDGE(GSMK 2 Tx ant)	23.76	23.83	23.82	31.00	23.76	23.69	23.82	24.00					
EDGE(GSMK 3 Tx ant)	27.95	27.98	27.98	29.20	23.69	23.72	23.72	24.00					
EDGE(GSMK 4 Tx ant)	26.72	26.77	26.79	28.00	23.72	23.71	23.79	24.00					
EDGE(GSMK 5 Tx ant)	27.07	27.01	27.00	29.00	23.77	23.77	23.77	24.00					
EDGE(GPRS 1 Tx ant)	23.88	23.97	23.71	25.00	17.88	17.87	17.71	18.00					
EDGE(GPRS 2 Tx ant)	21.80	22.76	22.47	23.00	17.80	17.85	18.21	18.00					
EDGE(GPRS 3 Tx ant)	20.88	21.24	21.51	22.00	17.88	18.24	18.51	18.00					
EDGE(GPRS 4 Tx ant)	20.77	20.88	20.77	21.00									
EDGE(GPRS 5 Tx ant)	20.89	20.89	20.74	21.00	23.71	23.66	23.73	24.00					
DTM Multi-ant class 5	GSM 1 Tx ant	29.79	29.69	29.88	31.00	29.67	23.70	23.82	24.00				
DTM Multi-ant class 11	GPRS 2 Tx ant	27.91	27.99	27.97	29.20	23.64	23.71	23.70	24.00				
DTM Multi-ant class 5	EDGE 1 Tx ant	23.94	23.90	23.88	25.00	21.58	21.71	21.74	22.00				
DTM Multi-ant class 5	EDGE 1 Tx ant	23.98	23.91	23.89	21.00	21.60	21.70	21.74	22.00				
DTM Multi-ant class 11	EDGE 2 Tx ant	27.81	27.90	27.83	29.20	20.69	20.88	20.84	21.00				

GSMD00_Ant 4		Burst Average Power (dBm)			Tune-up			Frame Average Power (dBm)			Tune-up		
TX Channel	Frequency (MHz)	150.2	160.2	160.1	Limit (dBm)	150.2	160.1	160.1	Limit (dBm)	150.2	160.1	160.1	Limit (dBm)
GSM 1 Tx ant	154.2	154.4	164.8			164.2	154.4	164.8					
GPRS 1 Tx ant	13.01	32.76	33.00	34.70	18.73	18.76	18.80	20.70					
GPRS 2 Tx ant	29.79	29.81	29.80	31.00	18.79	18.79	18.80	20.70					
GPRS 3 Tx ant	17.96	26.01	26.00	28.00	18.79	18.79	18.82	20.70					
GPRS 4 Tx ant	22.98	22.94	22.97	23.70	18.58	18.54	18.57	20.70					
EDGE(GSMK 1 Tx ant)	32.94	32.83	32.88	34.70	18.84	18.83	18.88	20.70					
EDGE(GSMK 2 Tx ant)	23.76	23.47	23.79	29.30	18.80	18.82	18.47	20.70					
EDGE(GSMK 3 Tx ant)	23.02	23.47	23.35	24.70	18.78	18.21	18.00	20.40					
EDGE(GSMK 4 Tx ant)	23.40	23.33	23.40	23.70	18.78	18.43	18.40	20.70					
EDGE(GPRS 1 Tx ant)	23.63	23.69	23.70	25.00	18.63	18.69	18.70	17.85					
EDGE(GPRS 2 Tx ant)	23.81	23.95	23.11	24.00	17.81	18.05	17.11	18.00					
EDGE(GPRS 3 Tx ant)	21.83	21.24	21.79	22.00	17.87	17.89	17.63	18.00					
EDGE(GPRS 4 Tx ant)	20.88	20.82	20.86	22.00	17.88	17.82	17.88	18.00					
DTM Multi-ant class 5	GSM 1 Tx ant	29.25	29.47	29.41	30.70								
DTM Multi-ant class 5	GPRS 1 Tx ant	25.33	25.51	25.52	26.70	18.27	18.47	18.44	20.60				
DTM Multi-ant class 11	GSM 1 Tx ant	25.33	25.49	25.51	26.70	18.33	18.47	18.48	20.60				
DTM Multi-ant class 5	EDGE 1 Tx ant	23.98	23.90	23.88	24.70	18.73	19.15	19.04	22.40				
DTM Multi-ant class 11	GPRS 2 Tx ant	23.00	23.37	23.28	24.70								
DTM Multi-ant class 5	EDGE 1 Tx ant	22.95	22.93	22.93	24.00	18.24	18.38	18.41	19.84				
DTM Multi-ant class 5	EDGE 1 Tx ant	22.95	22.95	22.95	24.00	18.29	18.38	18.41	19.84				
DTM Multi-ant class 11	GSM 1 Tx ant	23.94	23.41	23.32	24.70	17.95	18.20	18.06	19.27				

Burst		WCDMA_V_Ant 4			Tune-up			WCDMA_V_Ant 6			Tune-up		
TX Channel	Frequency (MHz)	150.2	160.2	160.1	Limit (dBm)	150.2	160.1	160.1	Limit (dBm)	150.2	160.1	160.1	Limit (dBm)
SOPP Rel 50	AMR 12.2kps	19.18	19.07	19.14	19.30	18.82	18.87	18.84	18.80				
SOPP Rel 50	RM 12.2kps	19.21	19.23	19.22	19.30	18.88	18.75	18.56	18.80				
SOPP Rel 6	HSDPA Subant-1	18.46	18.46	18.32	19.30	17.80	17.80	17.82	18.80				
SOPP Rel 6	HSDPA Subant-2	18.45	18.47	18.34	19.30	17.83	17.89	17.84	18.80				
SOPP Rel 6	HSDPA Subant-3	17.95	17.97	17.81	18.80	17.34	17.37	17.14	18.30				
SOPP Rel 6	HSDPA Subant-4	17.97	18.00	17.87	18.80	17.33	17.36	17.16	18.30				
SOPP Rel 6	DC-HSDPA Subant-1	18.41	18.35	18.33	19.30	17.78	17.84	17.54	18.80				
SOPP Rel 6	DC-HSDPA Subant-2	18.38	18.45	18.19	19.30	17.80	17.82	17.80	18.80				
SOPP Rel 6	DC-HSDPA Subant-3	17.90	17.90	17.78	18.80	17.32	17.33	17.05	18.30				
SOPP Rel 6	DC-HSDPA Subant-4	17.86	17.98	17.85	18.80	17.21	17.25	17.07	18.30				
SOPP Rel 6	HSPA Subant-1	18.41	18.51	18.33	19.30	17.86	18.04	17.70	18.80				
SOPP Rel 6	HSPA Subant-2	18.44	18.51	18.31	17.30	18.51	18.51	18.50	18.80				
SOPP Rel 6	HSPA Subant-3	17.40	17.45	17.37	18.30	16.84	16.96	16.78	17.80				
SOPP Rel 6	HSPA Subant-4	18.41	18.30	18.33	17.30	18.53	18.50	18.51	18.80				
SOPP Rel 6	HSPA Subant-5	18.40	18.50	18.30	19.30	17.81	17.89	17.83	18.80				
SOPP Rel 7	HSPA TDDMA Subant-1	18.35	18.36	18.17	18.30	18.84	18.83	18.72	18.30				

Burst		WCDMA_V_Ant 1			Tune-up			WCDMA_V_Ant 3			Tune-up		
TX Channel	Frequency (MHz)	4132	4140	4133	Limit (dBm)	4132	4140	4133	Limit (dBm)	4132	4140	4133	Limit (dBm)
SOPP Rel 50	AMR 12.2kps	24.27	24.22	24.25	25.00	23.48	23.43	23.43	24.10				
SOPP Rel 50	RM 12.2kps	24.35	24.35	24.22	25.00	23.45	23.52	23.44	24.10				
SOPP Rel 6	HSDPA Subant-1	23.36	23.27	23.29	24.00	22.47	22.42	22.42	23.10				
SOPP Rel 6	HSDPA Subant-2	23.38	23.23	23.27	24.00	22.52	22.45	22.42	23.10				
SOPP Rel 6	HSDPA Subant-3	22.88	22.76	22.79	23.00	22.05	21.94	21.86	22.60				
SOPP Rel 6	HSDPA Subant-4	22.90	22.80	22.78	23.00	22.08	21.98	21.93	22.60				
SOPP Rel 6	DC-HSDPA Subant-1	23.54	23.19	23.09	24.00	22.03	22.03	21.85	23.10				
SOPP Rel 6	DC-HSDPA Subant-2	23.20	23.21	23.07	24.00	21.85	22.00	21.83	23.10				
SOPP Rel 6	DC-HSDPA Subant-3	22.98	22.73	22.80	23.00	21.50	21.51	21.41	22.60				
SOPP Rel 6	DC-HSDPA Subant-4	22.88	22.71	22.80	23.00	21.53	21.55	21.43	22.60				
SOPP Rel 6	HSPA Subant-1	23.33	23.27	23.30	24.00	22.50	22.41	22.45	23.10				
SOPP Rel 6	HSPA Subant-2	21.32	21.29	21.29	22.00	20.46	20.40	20.46	21.10				
SOPP Rel 6	HSPA Subant-3	21.25	21.25	21.25	22.00	20.45	20.44	20.44	21.10				
SOPP Rel 6	HSPA Subant-4	21.25	21.25	21.25	22.00	20.45	20.44	20.44	21.10				
SOPP Rel 6	HSPA Subant-5	23.30	23.30	23.30	24.00	22.40	22.40	22.40	23.10				
SOPP Rel 7	HSPA TDDMA Subant-1	23.24	23.21	23.18	24.00	20.30	20.35	20.34	20.60				

GSMD00_Ant 6		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up			
TX Channel	Frequency (MHz)	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
GSM 1 Tx ant	154.2	154.4	164.8			164.2	154.4	164.8					17.20
GPRS 1 Tx ant	13.01	25.19	29.23	25.04	23.20	26.19	16.14	18.21	16.04	17.20			
GPRS 2 Tx ant	12.00	25.19	29.23	25.04	23.20	26.19	16.14	18.21	16.04	17.20			
GPRS 3 Tx ant	29.79	25.19	29.23	25.04	23.20	26.19	16.14	18.21	16.04	17.20			
GPRS 4 Tx ant	17.96	20.38	20.33	20.04	21.20	19.20	10.07	18.18	16.34				
GPRS 5 Tx ant	26.71	18.77	18.79	18.82	20.20	13.77	19.19	18.82	17.20				
EDGE(GSMK 1 Tx ant)	32.91	25.19	29.23	25.04	23.20	26.19	16.14	18.21	16.04	17.20			
EDGE(GSMK 2 Tx ant)	23.76	22.45	22.28	22.45	23.20	16.45	18.28	18.45	17.20				
EDGE(GSMK 3 Tx ant)	27.95	22.22	22.22	22.22	23.20	16.45	18.28	18.45	17.20				
EDGE(GSMK 4 Tx ant)	26.72	22.22	22.22	22.22	23.20	16.45	18.28	18.45	17.20				
EDGE(GSMK 5 Tx ant)	27.07	22.22	22.22	22.22	23.20	16.45	18.28	18.45	17.20				
EDGE(GPRS 1 Tx ant)	23.88	23.84	24.06	24.28	23.00	14.04	15.00	15.00	16.00				
EDGE(GPRS 2 Tx ant)	21.80	21.80	21.80	21.80	23.00	15.00	15.00	15.00	16.00				
EDGE(GPRS 3 Tx ant)	20.88	20.11	20.11	20.10	21.30	15.85	13.95	15.84	17.04				
EDGE(GPRS 4 Tx ant)	20.77	19.18	19.25	19.14	20.00	15.18	15.25	15.14	16.00				
EDGE(GPRS 5 Tx ant)	20.89	22.50	22.50	22.42	23.20	16.45	18.29	18.30	17.18				
GSM 1 Tx ant	154.2	22.50	22.50	22.42	23.20	16.45	18.29	18.30	17.18				
GPRS 1 Tx ant	13.01	22.43	22.46	22.28	23.20	16.38	18.32	18.35	17.18				
GPRS 2 Tx ant	12.00	21.37	21.37	21.37	23.20	16.38	18.32	18.35	17.18				
GPRS 3 Tx ant	29.79	20.25	20.27	20.29	21.20	16.08	16.00	16.04	16.84				
GPRS 4 Tx ant	17.96	20.25	20.25	20.25	21.20	16.08	16.00	16.04	16.84				
EDGE(GSMK 1 Tx ant)	32.91	22.29	22.28	22.24	23.20	15.82	15.83	15.82	16.84				
EDGE(GSMK 2 Tx ant)	23.76	21.20	21.24	21.27	22.00	15.83	15.77	15.71	16.84				
EDGE(GSMK 3 Tx ant)	27.95	22.29	22.28	22.24	23.20	15.82	15.83	15.82	16.84				
EDGE(GSMK 4 Tx ant)	26.72	22.29	22.28	22.24	23.20	15.82	15.83	15.82	16.84				
EDGE(GSMK 5 Tx ant)	27.07	22.11	21.24	21.27	22.00	15.83	15.77	15.71	16.84				
GPRS 1 Tx ant	13.01	20.22	20.21	20.40	21.20	15.89	15.95	15.91	16.84				
GPRS 2 Tx ant	12.00	20.22	20.21	20.40	21.20	15.89	15.95	15.91	16.84				



Band 2_Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Mid (dBm)	Power High (dBm)	Turn-up Intvl (sec)	MPR (dB)		
Channel										
18700 18800 19100										
20	QPSK	1	0	20.48	20.52	20.41	20.8	0		
20	QPSK	1	99	20.53	20.43	20.39				
20	QPSK	50	0	20.43	20.43	20.32				
20	QPSK	50	24	20.41	20.48	20.37	20.8	0		
20	QPSK	100	0	20.43	20.46	20.40				
20	16QAM	1	49	20.42	20.44	20.40				
20	16QAM	1	99	20.54	20.53	20.42	20.8	0		
20	16QAM	50	0	20.49	20.47	20.33				
20	16QAM	50	24	20.45	20.43	20.41				
20	16QAM	100	0	20.43	20.42	20.33				
20	16QAM	100	99	20.53	20.56	20.40	20.8	0		
20	64QAM	1	49	20.47	20.55	20.43				
20	64QAM	1	99	20.47	20.56	20.43				
20	64QAM	50	0	20.48	20.49	20.32				
20	64QAM	50	24	20.45	20.45	20.36				
20	64QAM	100	0	20.43	20.42	20.33	20.8	0		
20	256QAM	1	49	18.38	18.42	18.36				
20	256QAM	1	99	18.47	18.41	18.37	19.3	1.5		
20	256QAM	50	0	18.39	18.40	18.30				
20	256QAM	50	24	18.49	18.37	18.38	19.3	1.5		
20	256QAM	100	0	18.40	18.39	18.44				
20	256QAM	100	99	18.48	18.42	18.44				
Channel										
18875 18900 19025										
15	QPSK	1	0	20.42	20.47	20.37	20.8	0		
15	QPSK	1	37	20.49	20.46	20.37				
15	QPSK	1	74	20.49	20.42	20.29				
15	QPSK	1	99	20.42	20.40	20.25	20.8	0		
15	QPSK	50	0	20.44	20.46	20.31				
15	QPSK	50	20	20.41	20.37	20.23				
15	QPSK	50	99	20.41	20.31	20.28	20.8	0		
15	QPSK	75	0	20.37	20.30	20.26				
15	16QAM	1	0	20.35	20.33	20.28				
15	16QAM	1	37	20.43	20.37	20.32				
15	16QAM	1	74	20.40	20.47	20.37	20.8	0		
15	16QAM	1	99	20.48	20.46	20.27				
15	16QAM	50	0	20.42	20.40	20.34				
15	16QAM	50	20	20.27	20.28	20.20	20.8	0		
15	16QAM	50	99	20.42	20.41	20.36				
15	16QAM	75	0	20.42	20.41	20.36				
15	16QAM	75	20	20.41	20.31	20.28	20.8	0		
15	64QAM	1	37	20.29	20.46	20.39				
15	64QAM	1	74	20.44	20.41	20.37				
15	64QAM	1	99	20.34	20.46	20.21				
15	64QAM	50	0	20.39	20.42	20.32	20.8	0		
15	64QAM	50	20	20.40	20.52	20.23				
15	256QAM	1	0	18.23	18.38	18.25	19.3	1.5		
15	256QAM	1	37	18.23	18.35	18.15				
15	256QAM	1	74	18.38	18.36	18.36				
15	256QAM	1	99	18.15	18.39	18.38	19.3	1.5		
15	256QAM	50	0	18.43	18.22	18.23				
15	256QAM	50	20	18.39	18.28	18.25				
15	256QAM	50	99	18.45	18.26	18.33	19.3	1.5		
Channel										
18950 18980 19150										
10	QPSK	1	0	20.43	20.51	20.48	20.8	0		
10	QPSK	1	25	20.38	20.40	20.28				
10	QPSK	49	0	20.39	20.44	20.25				
10	QPSK	25	0	20.31	20.31	20.23				
10	QPSK	25	12	20.41	20.31	20.26	20.8	0		
10	QPSK	49	0	20.41	20.41	20.31				
10	QPSK	50	0	20.40	20.43	20.30				
10	16QAM	1	0	20.30	20.33	20.44				
10	16QAM	1	25	20.43	20.43	20.32	20.8	0		
10	16QAM	1	49	20.44	20.46	20.40				
10	16QAM	25	0	20.42	20.46	20.25				
10	16QAM	25	12	20.43	20.41	20.34				
10	16QAM	25	25	20.31	20.28	20.24	20.8	0		
10	16QAM	50	0	20.50	20.43	20.34				
10	16QAM	50	12	20.48	20.47	20.33				
10	16QAM	50	25	20.31	20.28	20.24				
10	64QAM	1	0	20.29	20.43	20.34				
10	64QAM	1	25	20.37	20.39	20.32	20.8	0		
10	64QAM	1	49	20.39	20.39	20.32				
10	64QAM	25	0	20.37	20.37	20.29				
10	64QAM	25	12	20.30	20.31	20.26				
10	64QAM	25	25	20.48	20.48	20.39	20.8	0		
10	256QAM	1	0	18.39	18.39	18.32	19.3	1.5		
10	256QAM	1	25	18.38	18.38	18.32				
10	256QAM	1	49	18.43	18.38	18.32				
10	256QAM	25	0	18.19	18.37	18.31	19.3	1.5		
10	256QAM	25	12	18.39	18.37	18.31				
10	256QAM	25	25	18.37	18.28	18.28				
10	256QAM	50	0	18.37	18.28	18.28				
10	256QAM	50	25	18.37	18.28	18.28	19.3	1.5		
Channel										
19025 19050 19175										
5	QPSK	1	0	20.47	20.44	20.34	20.8	0		
5	QPSK	1	12	20.47	20.47	20.34				
5	QPSK	1	24	20.42	20.31	20.26				
5	QPSK	12	0	20.44	20.42	20.30				
5	QPSK	12	7	20.42	20.32	20.23	20.8	0		
5	QPSK	12	13	20.39	20.30	20.25				
5	QPSK	12	25	20.41	20.31	20.26				
5	16QAM	1	0	20.39	20.33	20.24				
5	16QAM	1	12	20.43	20.42	20.33				
5	16QAM	1	24	20.41	20.36	20.27	20.8	0		
5	16QAM	12	0	20.38	20.30	20.27				
5	16QAM	12	7	20.41	20.38	20.34				
5	16QAM	12	13	20.42	20.34	20.31	20.8	0		
5	16QAM	12	25	20.41	20.36	20.28				
5	16QAM	25	0	20.42	20.46	20.26				
5	16QAM	25	7	20.42	20.40	20.32	20.8	0		
5	16QAM	25	13	20.34	20.38	20.31				
5	16QAM	25	25	20.47	20.47	20.40				
5	64QAM	1	0	20.34	20.41	20.31				
5	64QAM	1	12	20.41	20.41	20.31				
5	64QAM	1	24	20.36	20.34	20.24	19.3	1.5		
5	64QAM	12	0	20.39	20.39	20.28				
5	64QAM	12	7	20.41	20.38	20.28				
5	64QAM	12	13	20.37	20.35	20.25	19.3	1.5		
5	64QAM	12	25	20.41	20.36	20.28				
5	256QAM	1	0	18.25	18.43	18.31				
5	256QAM	1	12	18.31	18.29	18.26	19.3	1.5		
5	256QAM	1	24	18.31	18.28	18.28				
5	256QAM	12	0	18.37	18.35	18.31				
5	256QAM	12	7	18.42	18.27	18.27	19.3	1.5		
5	256QAM	12	13	18.47	18.26	18.26				
5	256QAM	12	25	18.47	18.26	18.26				
Channel										
19100 19100 19180										
3	QPSK	1	0	20.43	20.50	20.38	20.8	0		
3	QPSK	1	8	20.48	20.43	20.29				
3	QPSK	1	14	20.48	20.48	20.38				
3	QPSK	8	0	20.38	20.38	20.26				
3	QPSK	8	4	20.40	20.41	20.22	20.8	0		
3	QPSK	8	14	20.44	20.44	20.32				
3	QPSK	15	0	20.40	20.42	20.26				
3	16QAM	1	0	20.38	20.37	20.31				
3	16QAM	1	8	20.44	20.44	20.32	20.8	0		
3	16QAM	1	14	20.42	20.46	20.27				
3	16QAM	8	0	20.44	20.44	20.32				
3	16QAM	8	4	20.47	20.34	20.31				
3	16QAM	8	14	20.41	20.40	20.27	20.8	0		
3	16QAM	15	0	20.40	20.40	20.30				
3	16QAM	15	8	20.40	20.40	20.30				
3	16QAM	15	14	20.33	20.30	20.23	20.8	0		
3	64QAM	1	0	20.30	20.39	20.35				
3	64QAM	1	8	20.39	20.39	20.35				
3	64QAM	1	14	20.42	20.42	20.32				
3	64QAM	8	0	20.33	20.30	20.23				
3	64QAM	8	4	20.31	20.30	20.23	20.8	0		
3	64QAM	8	14	20.33	20.33	20.23				
3	64QAM	15	0	20.41	20.41	20.30				
3	64QAM	15	8	20.38	20.38	20.28	19.3	1.5		
3	256QAM	1	0	18.35	18.43	18.26				
3	256QAM	1	8	18.32	18.27	18.27	19.3	1.5		
3	256QAM	1	14	18.38	18.30	18.26				
3	256QAM	8	0	18.32	18.33	18.27				
3	256QAM	8	4	18.38	18.33	18.27	19.3	1.5		
3	256QAM	8	14	18.36	18.27	18.27				
3	256QAM	8	15	18.38	18.27	18.27				
3	256QAM	15	0	18.18	18.39	18.37	19.3	1.5		
3	256QAM	15	8	18.18	18.27	18.27				
3	256QAM	15	14	18.18	18.27	18.27				
3	256QAM	15	15	18.18	18.27	18.27	19.3	1.5		

Band 2_Ant 6										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Mid (dBm)	Power High (dBm)	Turn-up Intvl (sec)	MPR (dB)		
Channel										
18670 18690 19000										
20	QPSK	1	0	19.35	19.39	19.49	19.8	0		
20	QPSK	1	99	19.44	19.44	19.44				
20	QPSK	50	24	19.42	19.52	19.44				
20	QPSK	50	99	19.48	19.52	19.47	19.8	0		
20	QPSK	100	0	19.43	19.43	19.43				
20	16QAM	1	49	19.45	19.45	19.41	19.8	0		
20	16QAM	1	99	19.54	19.43	19.33				
20	16QAM	50	0	19.04	19.07	19.06				
20	16QAM	50	24	19.04	18.96	19.03				
20	16QAM	50	99	19.04	18.97	19.36	19.8	0		
20	16QAM	100	0	19.08	18.96	19.01				
20	16QAM	100	99	19.08	18.96	19.01	19.8	0		
20	64QAM	1	49	19.12	19.10	19.11				
20	64QAM	1	99	19.02	19.00	19.05				
20	64QAM	50	0	18.97	18.99	19.08				
20	64QAM	50	24	18.92	18.92	19.00				
20	64QAM	50	99	18.93	18.91	19.31	19.8	0		
20	64QAM	100	0	18.93	18.89	19.30				
20	256QAM	1	49	16.78	16.83	16.79	17.8	2		
20	256QAM	1	99	16.78	16.78	16.81				
20	256QAM	50	0	16.80	16.81	16.80				
20	256QAM	50	24	16.82	16.79	16.82	17.8	2		
20	256QAM	50	99	16.82	16.82	16.82				
20	256QAM	100	0	16.71	16.84	16.76				
Channel										
18675 18690 19025										
15	QPSK	1	0	19.43	19.43	19.34	19.8	0		
15	QPSK	1	37	19.43	19.42	19.34				
15	QPSK	1	74	19.49	19.40	19.37				
15	QPSK	1	99	19.43	19.43	19.38	19.8	0		
15	QPSK	50	0	19.36	19.46	19.31				
15	QPSK	50	20	19.35	19.46	19.31	19.8	0		
15	QPSK	50	99	19.37	19.46	19.48				
15	QPSK	100	0	19.44	19.38	19.44				
15	QPSK	100	99	19.44	19.38	19.44	19.8	0		
15	16QAM	1	49	19.45	19.33	19.44				
15	16QAM	1	99	19.53	19.37	19.37				
15	16QAM	50	0	19.03	19.02	19.03				
15	16QAM	50	20	18.90	18.90	19.00	19.8	0		
15	16QAM	50	99	18.93	18.97	19.36				
15	16QAM	100	0	18.97	18.94	18.94				
15	16QAM	100	99	18.92	19.04	19.03				
15	16QAM	100	99	18.92	18.93	19.03	19.8	0		
15	64QAM	1	74	19.05	19.03	19.04				
15	64QAM	1	99	18.92	18.89	19.06				
15	64QAM	50	0	18.97	18.99	19.08				
15	64QAM	50	20	18.84	18.76	18.80	19.8	0		
15	64QAM	50	99	18.83	18.78	18.87				
15	64QAM	100	0	18.83	18.78	18.87				
15	256QAM	1	49	16.78	16.83	16.79	17.8	2		
15	256QAM	1	99	16.78	16.78	16.81				
15	256QAM	50	0	16.78	16.78	16.80				
15	256QAM	50	24	16.80	16.76	16.80	17.8	2		
15	256QAM	50	99	16.78	16.78	16.81				
15	256QAM	100	0	16.72	16.74	16.75				
Channel										
18690 18690 19075										
10	QPSK	1	0	19.42	19.54	19.43	19.8	0		
10	QPSK	1	25	19.31	19.48	19.37				
10	QPSK	1	49	19.43	19.47	19.30				
10	QPSK	1	74	19.42	19.42	19.42	19.8	0		
10	QPSK	25	12	19.38	19.48	19.29				
10	QPSK	25	37	19.42	19.42	19.42				
10	QPSK	50	0	19.44	19.42	19.47				
10	QPSK	50	12	19.30	19.32	19.35	19.8	0		
10	QPSK	50	25	19.33	19.42	19.33				
10	QPSK	100	0	19.45	19.33	19.42				
10	QPSK	100	49	19.43	19.33	19.42	19.8	0		
10	16QAM	1	49	19.02	19.01	19.03				
10	16QAM	1	99	19.11	19.02	19.01				
10	16QAM	50	0	18.84	18.97	18.80				
10	16QAM	50	12	18.74	18.91	18.83	19.8	0		
10	16QAM	50	25	18.85	18.85	18.79				
10	16QAM	100	0	18.91	18.90	18.92				
10	16QAM	100	49	18.91	18.89	18.90	19.8	0		
10	64QAM	1	25	18.87	18.87	18.87				
10	64QAM	25	12	18.79	18.81	18.88	19.8	0		
10	64QAM	25	37	18.81	18.76	18.86				
10	256QAM	1	49	16.78	16.80	16.74	17.8	2		
10	256QAM	1	99	16.78	16.78	16.80				
10	256QAM	25	0	16.78	16.87	16.70				
10	256QAM	25	25	16.76	16.76	16.78	17.8	2		
10	256QAM	25	37	16.78	16.76	16.78				
Channel										
18692 18690 19075										
5	QPSK	1	0	19.50	19.48	19.48	19.8	0		
5	QPSK	1	6	19.43	19.47	19.47				
5	QPSK	1	24	19.51	19.45	19.40				
5	QPSK	12	0	19.40	19.44	19.33				
5	QPSK	12	6	19.43	19.43	19.43	19.8	0		
5	QPSK	12	13	19.33	19.50	19.40				
5	QPSK	25	0	19.49	19.49	19.49				
5	QPSK	25	6	19.30	19.34	19.38				
5	16QAM	1	12	19.37	19.43	19.30	19.8	0		
5	16QAM	1	18	19.41	19.42	19.37				
5	16QAM	12	0	19.34	19.34	19.04				
5	16QAM	12	7	19.52	19.34	19.03	19.8	0		
5	16QAM	12	13	19.09	19.09	19.09				
5	16QAM	25	0	18.83	18.83	18.82				
5	16QAM	25	6	19.11	18.90	19.12				
5	16QAM	25	13	18.89	18.89	18.89	19.8	0		
5	16QAM	1	24	19.00	19.00	18.94				
5	16QAM	12	0	18.86	18.91	18.91				
5	16QAM	12	6	19.09	18.90	18.89				
5	16QAM	12	13	18.85	18.89	18.90				
5	16QAM	1	14	19.01	19.01	18.95	19.8	0		
5	256QAM	1	0	16.77	16.82	16.73	17.8	2		
5	256QAM	1	12	16.80	16.80	16.80				
5	256QAM	1	14	16.78	16.78	16.78	17.8	2		
5	256QAM	12	0	16.78	16.80	16.79				
5	256QAM	12	6	16.77	16.87	16.81				
5	256QAM	12	13	16.74	16.74	16.74	17.8	2		
5	256QAM	25	0	16.77	16.70	16.71				
Channel										
18695 18690 19185										
3	QPSK	1	0	19.47	19.49	19.48	19.8	0		
3	QPSK	1	6	19.33	19.41	19.27				
3	QPSK	1	14	19.43	19.43	19.43	19.8	0		
3	QPSK	6	0	19.38	19.50	19.36				
3	QPSK	6	4	19.30	19.46	19.43				
3	QPSK	6	14	19.43	19.43	19.43	19.8	0		
3	QPSK	15	0	19.45	19.37	19.36				
3	16QAM	1	0	19.42	19.31	19.34				
3	16QAM	1	6	19.40	19.48	19.40	19.8	0		
3	16QAM	1	14	19.53	19.38	19.51				
3	16QAM	6	0	19.43	19.38	19.43				
3	16QAM	6	4	19.01	19.07	19.08	19.8	0		
3	16QAM	1	7	18.88	18.77	18.75				
3	16QAM	1	14	18.97	18.87	18.80				
3	16QAM	1	6	19.16	19.02	19.07				
3	16QAM	6	0	18.97	18.96	18.96	19.8	0		
3	16QAM	6	14	18.80	18.80	18.80				
3	16QAM	6	0	18.87	18.84	19.02				
3	16QAM	15	0	18.84	18.80	18.89				
3	16QAM	15	6	18.84	18.80	18.87	19.8	0		
3	256QAM	1	0	16.76	16.80	16.73	17.8	2		
3	256QAM	1	14	16.67	16.77	16.75				
3	256QAM	1	14	16.67	16.77	16.75	17.8	2		
3	256QAM	6	0	16.77	16.77	16.77				
3	256QAM	6	7	16.79	16.87	16.85				
3	256QAM	15	0	16.69	16.80	16.82	17.8	2		
Channel										
18697 18690 19193										
1.4	QPSK	1	0	19.47	19.49	19.48	19.8	0		
1.4	QPSK	1	6	19.33	19.41	19.27				
1.4	QPSK	1	14	19.43	19.43	19.43	19.8	0		
1.4	QPSK	3	0	19.38	19.50	19.36				
1.4	QPSK	3	6	19.30	19.46	19.43				
1.4	QPSK	3	14	19.43	19.43	19.43	19.8	0		
1.4	QPSK	15	0	19.45	19.37	19.36				
1.4	16QAM	1	0	19.42	19.31	19.34				
1.4	16QAM	1	6	19.40	19.48	19.40	19.8	0		
1.4	16QAM	1	14	19.53	19.38	19.51				
1.4	16QAM	3	0	19.43	19.38	19.43				
1.4	16QAM	3	6	19.01	19.07	19.08	19.8	0		
1.4	16QAM	1	7	18.88	18.77	18.75				
1.4	16QAM	1	14	18.97	18.87	18.80				
1.4	16QAM	1	6	19.16	19.02	19.07				
1.4	16QAM	6	0	18.97	18.96	18.96	19.8	0		
1.4	16QAM	6	14	18.80	18.80	18.80				

Band 4_Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Med Ch / Freq	Power High Ch / Freq	Turn-up Time (sec)	MPR (dB)		
Channel										
Frequency (MHz)				20095	20175	20255				
20 QPSK	1	0	0	17.72	17.82	17.96				
20 QPSK	1	49	20	20.12	20.20	20.18	21	0		
20 QPSK	1	99	20	20.13	20.17	20.12				
20 QPSK	50	0	20	20.13	20.18	20.15				
20 QPSK	50	24	20	20.10	20.12	20.14	21	0		
20 QPSK	50	50	20	20.09	20.17	20.10				
20 QPSK	100	0	20	20.04	20.14	20.12				
20 QPSK	100	24	20	20.03	20.17	20.13				
20 QPSK	1	49	20	20.08	20.21	20.16				
20 QPSK	1	99	20	20.05	20.21	20.17	21	0		
20 QPSK	50	0	20	20.08	20.21	20.16				
20 QPSK	50	24	20	20.09	20.17	20.14	21	0		
20 QPSK	100	0	20	20.03	20.12	20.14				
20 QPSK	100	24	20	20.03	20.14	20.10				
20 QPSK	1	0	19	19.07	19.11	19.02				
20 QPSK	1	49	19	18.96	19.03	18.98				
20 QPSK	1	99	19	18.93	18.98	18.96				
20 QPSK	50	0	19	18.94	18.98	18.96				
20 QPSK	50	24	19	18.79	18.95	18.90	21	0		
20 QPSK	100	0	19	18.93	19.03	18.97				
20 QPSK	100	24	19	18.93	19.04	18.97				
Channel										
Frequency (MHz)				1717.5	1732.5	1747.5	Turn-up Time (sec)	MPR (dB)		
15 QPSK	1	0	0	20.03	20.09	20.09				
15 QPSK	1	37	20	20.00	20.10	20.10				
15 QPSK	1	74	20	20.03	20.09	20.09				
15 QPSK	50	0	20	20.09	20.14	20.08				
15 QPSK	50	20	20	20.01	20.10	20.10	21	0		
15 QPSK	100	0	20	20.04	20.12	20.06				
15 QPSK	100	20	20	20.03	20.07	20.04				
15 QPSK	1	0	20	20.00	20.14	20.03				
15 QPSK	1	37	20	19.97	20.11	20.02	21	0		
15 QPSK	1	74	20	19.92	20.17	20.02				
15 QPSK	50	0	20	20.01	20.17	20.03				
15 QPSK	50	20	20	20.01	20.06	20.02	21	0		
15 QPSK	100	0	20	20.04	20.08	20.03				
15 QPSK	100	20	20	20.00	20.07	20.03				
15 QPSK	1	37	20	19.94	20.09	20.12				
15 QPSK	1	74	20	19.94	20.09	20.12				
15 QPSK	50	0	20	19.98	19.98	20.16				
15 QPSK	50	20	20	20.00	20.03	20.20	21	0		
15 QPSK	100	0	20	20.02	20.17	20.02				
15 QPSK	100	20	20	20.07	20.17	20.03				
15 QPSK	1	37	20	19.97	20.09	20.12				
15 QPSK	1	74	20	19.97	20.09	20.12				
15 QPSK	50	0	20	19.98	19.98	20.16				
15 QPSK	50	20	20	20.01	20.02	20.20	21	0		
15 QPSK	100	0	20	20.01	20.12	20.01				
15 QPSK	100	20	20	20.01	20.04	20.06				
Channel										
Frequency (MHz)				20095	20175	20255	Turn-up Time (sec)	MPR (dB)		
10 QPSK	1	0	0	20.04	20.11	20.09				
10 QPSK	1	25	20	20.08	20.15	20.11	21	0		
10 QPSK	1	50	20	20.09	20.16	20.12				
10 QPSK	25	0	20	20.12	20.10	20.10				
10 QPSK	25	12	20	20.08	20.12	20.09	21	0		
10 QPSK	50	0	20	20.09	20.12	20.09				
10 QPSK	50	12	20	20.07	20.07	20.04				
10 QPSK	100	0	20	20.01	20.11	20.07				
10 QPSK	100	12	20	20.01	20.07	20.01	21	0		
10 QPSK	1	49	20	20.03	20.08	20.05				
10 QPSK	1	99	20	20.02	20.11	20.07				
10 QPSK	50	0	20	20.05	20.10	20.05				
10 QPSK	50	24	20	20.00	20.10	20.03	21	0		
10 QPSK	100	0	20	20.01	20.05	20.03				
10 QPSK	100	24	20	20.01	20.06	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05				
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06	21	0		
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	20.03				
10 QPSK	100	0	20	20.01	20.06	20.01				
10 QPSK	100	12	20	20.01	20.04	20.01				
10 QPSK	1	25	20	20.08	20.11	20.05	21	0		
10 QPSK	1	50	20	20.09	20.12	20.09				
10 QPSK	25	0	20	20.04	20.12	20.06				
10 QPSK	25	12	20	20.02	20.12	20.05				
10 QPSK	50	0	20	20.07	20.10	20.05				
10 QPSK	50	12	20	20.03	20.07	2				

Band 5_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-on time (min)	MFR (dB)			
Channel											
				20450	20525	20600					
				825	836.5	844					
16	QPSK	1	0	24.19	24.29	24.22	25	0			
16	QPSK	1	25	24.11	24.24	24.16					
16	QPSK	1	49	24.10	24.14	24.13					
16	QPSK	25	12	23.04	23.15	23.03					
16	QPSK	25	25	23.10	23.22	23.09					
16	QPSK	50	0	22.97	23.11	22.98	24	1			
16	16QAM	1	0	23.24	23.36	23.32					
16	16QAM	1	25	23.44	23.45	23.30					
16	16QAM	1	49	23.32	23.46	23.38					
16	16QAM	25	0	22.98	22.20	22.17					
16	16QAM	25	12	22.16	22.18	22.09	23	2			
16	16QAM	25	25	22.11	22.19	22.14					
16	16QAM	50	0	22.05	22.15	22.08					
16	16QAM	1	0	22.27	22.39	22.24					
16	64QAM	1	0	22.22	22.37	22.27					
16	64QAM	1	49	22.15	22.20	22.13	22	2			
16	64QAM	25	0	21.16	21.28	21.17					
16	64QAM	25	12	21.17	21.18	21.12					
16	64QAM	25	25	21.16	21.22	21.17					
16	256QAM	1	0	21.14	21.16	21.02					
16	256QAM	1	0	19.11	19.06	19.08	22	3			
16	256QAM	1	25	18.94	18.96	18.90					
16	256QAM	1	49	18.93	18.98	18.92					
16	256QAM	25	0	19.01	19.02	19.01					
16	256QAM	25	12	19.07	19.03	19.15					
16	256QAM	50	0	18.90	19.10	19.02	20	5			
Channel											
				20455	20525	20600					
				836.5	836.5	846.5					
5	QPSK	1	0	24.09	24.16	24.08	25		0		
5	QPSK	1	12	24.07	24.20	23.99					
5	QPSK	1	24	23.97	24.13	24.08					
5	QPSK	12	0	23.93	23.20	23.91					
5	QPSK	12	7	22.98	23.05	22.98					
5	QPSK	12	13	22.98	23.09	22.98	24	1			
5	QPSK	25	0	22.93	23.01	22.85					
5	16QAM	1	0	23.22	23.28	23.19					
5	16QAM	1	12	23.36	23.31	23.16					
5	16QAM	1	24	23.21	23.36	23.33					
5	16QAM	12	7	22.08	22.16	22.03	23	2			
5	16QAM	12	13	22.04	22.10	22.06					
5	16QAM	25	0	21.96	22.00	21.99					
5	16QAM	1	0	22.23	22.33	22.18					
5	16QAM	1	12	22.20	22.24	22.16					
5	64QAM	1	0	22.20	22.24	22.16	23	2			
5	64QAM	1	12	22.07	22.17	22.11					
5	64QAM	12	0	21.08	21.15	21.02					
5	64QAM	12	7	21.05	21.16	21.10					
5	64QAM	12	13	21.05	21.16	21.09					
5	64QAM	25	0	21.05	21.13	21.04	22	3			
5	64QAM	25	12	21.05	21.13	21.04					
5	256QAM	1	0	19.96	19.92	19.96					
5	256QAM	1	12	19.18	19.03	19.05					
5	256QAM	1	24	18.92	18.97	18.97					
5	256QAM	12	0	18.90	18.99	18.88	20	5			
5	256QAM	12	7	18.93	18.91	18.99					
5	256QAM	12	13	18.74	18.92	18.87					
5	256QAM	25	0	18.85	18.91	18.90					
Channel											
				20455	20525	20600					
				836.5	836.5	847.5					
3	QPSK	1	0	24.15	24.21	24.07	25	0			
3	QPSK	1	14	23.95	24.00	23.98					
3	QPSK	1	28	23.90	23.92	23.86					
3	QPSK	8	0	22.99	23.22	23.08					
3	QPSK	8	7	23.03	23.03	23.03					
3	QPSK	8	7	23.07	23.11	23.02	24	1			
3	QPSK	16	0	22.92	22.99	22.91					
3	QPSK	16	8	23.13	23.21	23.16					
3	16QAM	1	8	23.39	23.41	23.18					
3	16QAM	1	24	23.27	23.37	23.32					
3	16QAM	8	0	21.98	22.10	22.09	23	2			
3	16QAM	8	4	22.11	22.14	22.05					
3	16QAM	8	7	22.05	22.08	22.00					
3	16QAM	16	0	21.91	22.09	21.89					
3	16QAM	1	0	22.19	22.34	22.19					
3	64QAM	1	8	22.17	22.30	22.05	23	2			
3	64QAM	1	14	22.09	22.18	22.05					
3	64QAM	8	0	21.99	22.19	21.97					
3	64QAM	8	4	21.99	22.17	21.99					
3	64QAM	8	7	21.12	21.17	21.09					
3	64QAM	16	0	21.10	21.26	21.00	22	3			
3	64QAM	16	8	21.08	21.25	21.00					
3	256QAM	1	8	18.98	18.98	18.95					
3	256QAM	1	8	18.86	18.91	18.79					
3	256QAM	8	0	18.89	18.92	18.98					
3	256QAM	8	4	18.86	18.88	18.95	20	5			
3	256QAM	8	7	18.87	18.92	18.83					
3	256QAM	16	0	18.84	18.97	18.91					
Channel											
				20455	20525	20643					
				847.5	846.5	846.3					
1.4	QPSK	1	0	24.11	24.28	24.20	25	0			
1.4	QPSK	1	3	24.01	24.18	24.01					
1.4	QPSK	1	5	24.05	24.01	24.03					
1.4	QPSK	3	5	24.09	24.19	24.07					
1.4	QPSK	1	24.01	24.12	24.02						
1.4	QPSK	6	0	22	22	22	24	1			
1.4	QPSK	6	7	22	22	22					
1.4	QPSK	6	14	22	22	22					
1.4	QPSK	6	21	22	22	22					
1.4	QPSK	6	28	22	22	22					
1.4	QPSK	1	0	22.18	22.36	22.19	23	2			
1.4	QPSK	1	3	22.19	22.37	22.21					
1.4	QPSK	1	5	22.05	22.17	22.03					
1.4	QPSK	3	5	22.04	22.27	22.18					
1.4	QPSK	3	12	22.09	22.19	22.06					
1.4	QPSK	3	19	22.04	22.27	22.18	23	2			
1.4	QPSK	3	26	22.09	22.19	22.06					
1.4	QPSK	3	33	22.04	22.20	22.05					
1.4	QPSK	6	0	21.97	21.91	21.90					
1.4	QPSK	6	7	21.90	21.93	21.93					
1.4	16QAM	1	0	18.81	19.03	18.77	22	3			
1.4	16QAM	1	3	18.85	19.00	18.89					
1.4	16QAM	1	5	18.89	19.03	18.93					
1.4	16QAM	3	5	18.93	19.03	18.93					
1.4	16QAM	3	12	18.95	19.02	19.02					
1.4	16QAM	3	19	18.81	18.96	18.96	20	5			
1.4	16QAM	3	26	18.81	18.96	18.96					
1.4	16QAM	6	0	18.81	18.96	18.96					
1.4	16QAM	6	7	18.81	18.96	18.96					

19.5	Band 7_Ant 5										Band 7_Ant 0										Band 12_Ant 1										Band 12_Ant 0									
	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (s)	MFR (dB)		BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (s)	MFR (dB)		BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (s)	MFR (dB)		BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mid Ch / Freq.	Power High Ch / Freq.	Turn-on time (s)	MFR (dB)	
	Channel										Channel										Channel										Channel									
	Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)									
	20	QPSK	1	0	19.47	19.57	19.55				20	QPSK	1	0	19.47	19.57	19.55				20	QPSK	1	0	23.62	23.72	23.61				20	QPSK	1	0	23.62	23.72	23.61			
	20	QPSK	1	49	19.38	19.49	19.38				20	QPSK	1	49	19.38	19.49	19.38				20	QPSK	1	49	23.53	23.72	23.61	24.3	0		20	QPSK	1	49	23.62	23.72	23.61	24.3	0	
	20	QPSK	50	0	19.45	19.54	19.45				20	QPSK	50	0	19.45	19.54	19.45				20	QPSK	50	0	22.63	22.82	22.63	23.3	1		20	QPSK	50	0	22.63	22.82	22.63	23.3	1	
	20	QPSK	50	24	19.32	19.44	19.40				20	QPSK	50	24	19.32	19.44	19.40				20	QPSK	50	24	22.53	22.82	22.53	23.3	1		20	QPSK	50	24	22.62	22.82	22.59	23.3	1	
	20	QPSK	50	50	19.33	19.46	19.36				20	QPSK	50	50	19.36	19.70	19.49				20	QPSK	50	50	22.62	22.74	22.59	23.3	1		20	QPSK	50	50	22.62	22.74	22.59	23.3	1	
	20	QPSK	100	0	19.43	19.52	19.39				20	QPSK	100	0	19.43	19.52	19.39				20	QPSK	100	0	22.55	22.82	22.55	23.3	1		20	QPSK	100	0	22.55	22.82	22.55	23.3	1	
20	16QAM	1	0	19.36	19.43	19.49				20	16QAM	1	0	19.70	19.72	19.52				20	16QAM	1	0	22.77	22.89	22.79	23.3	1		20	16QAM	1	0	22.02	22.16	22.12	22.4	1		
20	16QAM	1	49	19.33	19.36	19.49				20	16QAM	1	49	19.58	19.70	19.58				20	16QAM	1	49	21.90	21.93	21.88	23.3	1		20	16QAM	1	49	22.12	22.14	22.12	22.4	1		
20	16QAM	1	99	19.38	19.52	19.39				20	16QAM	1	99	19.61	19.71	19.49				20	16QAM	1	99	21.87	21.90	21.86	23.3	1		20	16QAM	1	99	22.12	22.14	22.12	22.4	1		
20	16QAM	50	0	19.33	19.40	19.42				20	16QAM	50	0	19.66	19.77	19.60				20	16QAM	50	0	21.49	21.64	21.56	23.3	1		20	16QAM	50	0	20.81	20.94	20.84	21.4	1		
20	16QAM	50	24	19.36	19.54	19.44				20	16QAM	50	24	19.67	19.68	19.53				20	16QAM	50	24	21.57	21.76	21.65	23.3	2		20	16QAM	50	24	20.73	20.97	20.79	21.4	1		
20	16QAM	50	50	19.35	19.48	19.42				20	16QAM	50	50	19.72	19.68	19.55				20	16QAM	50	50	21.68	21.76	21.73	23.3	2		20	16QAM	50	50	20.86	20.94	20.84	21.4	1		
20	16QAM	100	0	19.45	19.54	19.45				20	16QAM	100	0	19.72	19.68	19.55				20	16QAM	100	0	21.57	21.67	21.66	23.3	2		20	16QAM	100	0	20.86	20.94	20.84	21.4	1		
20	64QAM	1	0	19.39	19.51	19.46				20	64QAM	1	0	19.65	19.74	19.57				20	64QAM	1	0	21.57	21.69	21.64	23.3	2		20	64QAM	1	0	20.86	20.94	20.84	21.4	1		
20	64QAM	1	49	19.33	19.47	19.42				20	64QAM	1	49	19.70	19.65	19.49				20	64QAM	1	49	21.54	21.62	21.52	23.3	2		20	64QAM	1	49	21.02	21.03	20.93	21.4	1		
20	64QAM	1	99	19.38	19.52	19.39				20	64QAM	1	99	19.65	19.69	19.54				20	64QAM	1	99	21.51	21.59	21.56	23.3	2		20	64QAM	1	99	21.02	21.03	20.93	21.4	1		
20	64QAM	50	0	19.33	19.40	19.42				20	64QAM	50	0	19.72	19.68	19.55				20	64QAM	50	0	21.54	21.62	21.52	23.3	2		20	64QAM	50	0	20.86	20.94	20.84	21.4	1		
20	64QAM	50	24	19.36	19.54	19.44				20	64QAM	50	24	19.72	19.68	19.55				20	64QAM	50	24	21.54	21.62	21.52	23.3	2		20	64QAM	50	24	20.86	20.94	20.84	21.4	1		
20	64QAM	50	50	19.35	19.48	19.42				20	64QAM	50	50	19.72	19.68	19.55				20	64QAM	50	50	21.54	21.62	21.52	23.3	2		20	64QAM	50	50	20.86	20.94	20.84	21.4	1		
20	64QAM	100	0	19.35	19.51	19.41				20	64QAM	100	0	19.72	19.68	19.55				20	64QAM	100	0	21.54	21.62	21.52	23.3	2		20	64QAM	100	0	20.86	20.94	20.84	21.4	1		
20	256QAM	1	0	19.15	19.35	19.28				20	256QAM	1	0	19.47	19.62	19.54				20	256QAM	1	0	20.51	20.72	20.67	19.3	5		20	256QAM	1	0	18.51	18.58	18.47	19.3	5		
20	256QAM	1	49	19.12	19.27	19.22				20	256QAM	1	49	19.33	19.44	19.30				20	256QAM	1	49	20.51	20.72	20.67	19.3	5		20	256QAM	1	49	18.51	18.58	18.55	19.3	5		
20	256QAM	1	99	19.15	19.36	19.27				20	256QAM	1	99	19.30	19.35	19.30				20	256QAM	1	99	20.51	20.72	20.67	19.3	5		20	256QAM	1	99	18.51	18.58	18.55	19.3	5		
20	256QAM	50	0	19.07	19.27	19.22				20	256QAM	50	0	19.32	19.36	19.32				20	256QAM	50	0	20.51	20.72	20.67	19.3	5		20	256QAM	50	0	18.49	18.59	18.58	19.3	5		
20	256QAM	50	24	19.30	19.30	19.30				20	256QAM	50	24	19.51	19.51	19.37				20	256QAM	50	24	20.51	20.72	20.67	19.3	5		20	256QAM	50	24	18.49	18.59	18.58	19.3	5		
20	256QAM	50	50	19.23	19.33	19.29				20	256QAM	50	50	19.52	19.45	19.34				20	256QAM	50	50	20.51	20.72	20.67	19.3	5		20	256QAM	50	50	18.51	18.58	18.48	19.3	5		
20	256QAM	100	0	19.37	19.32	19.31				20	256QAM	100	0	19.45	19.45	19.36				20	256QAM	100	0	20.51	20.72	20.67	19.3	5		20	256QAM	100	0	18.51	18.51	19.54	19.3	5		
Channel										Channel										Channel										Channel										
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										
15	QPSK	1	0	19.33	19.45	19.48				15	QPSK	1	0	19.60	19.69	19.51				15	QPSK	1	0	23.62	23.73	23.63	24.3	0		15	QPSK	1	0	23.62	23.73	23.63	24.3	0		
15	QPSK	1	37	19.25	19.50	19.29				15	QPSK	1	37	19.58	19.58	19.48				15	QPSK	1	37	23.59	23.67	23.47	24.3	0		15	QPSK	1	37	23.59	23.67	23.47	24.3	0		
15	QPSK	1	74	19.24	19.44	19.31				15	QPSK	1	74	19.67	19.59	19.55				15	QPSK	1	74	23.59	23.63	23.45	24.3	0		15	QPSK	1	74	23.59	23.63	23.45	24.3	0		
15	QPSK	36	0	19.40	19.39	19.34				15	QPSK	36	0	19.67	19.70	19.47				15	QPSK	36	0	23.62	23.68	22.63	24.3	0		15	QPSK	36	0	23.62	23.68	22.63	24.3	0		
15	QPSK	36	20	19.24	19.29	19.34				15	QPSK	36	20	19.69	19.69	19.59				15	QPSK	36	20	23.62	23.68	22.63	24.3	0		15	QPSK	36	20	23.62	23.68	22.63	24.3	0		
15	QPSK	36	39	19.27	19.41	19.27				15	QPSK	36	39	19.69	19.65	19.59				15	QPSK	36	39	23.62	23.68	22.63	24.3	0		15	QPSK	36	39	23.62	23.68	22.63	24.3	0		
15	QPSK	75	0	19.29	19.42	19.32				15	QPSK	75	0	19.55	19.57	19.38				15	QPSK	75	0	23.62	23.68	22.63	24.3	0		15	QPSK	75	0	23.62	23.68	22.63	24.3	0		
15	16QAM	1	0	19.24	19.39	19.47				15	16QAM	1	0	19.65	19.65	19.47				15	16QAM	1	0	23.62	23.68	22.63	24.3	0		15	16QAM	1	0	23.62	23.68	22.63	24.3	0		
15	16QAM	1	37	19.38	19.41	19.40				15	16QAM	1	37	19.50	19.61	19.50				15	16QAM	1	37	23.62	23.68	22.63	24.3	0		15	16QAM	1	37	23.62	23.68	22				

Band 13_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
10	QPSK	1	0	25.70			24.8	0						
10	QPSK	1	25	25.84										
10	QPSK	1	49	25.48										
10	QPSK	25	0	25.68			23.8	1						
10	QPSK	25	12	25.45										
10	QPSK	25	25	22.87										
10	QPSK	50	0	22.83			23.8	1						
10	16QAM	1	0	22.75										
10	16QAM	1	25	22.82										
10	16QAM	1	49	22.86			22.8	2						
10	16QAM	25	0	21.58										
10	16QAM	25	12	21.72										
10	16QAM	25	25	21.88			22.8	2						
10	16QAM	50	0	21.85										
10	64QAM	1	0	21.87			22.8	2						
10	64QAM	1	25	21.86										
10	64QAM	1	49	21.73										
10	64QAM	25	0	20.78			21.8	3						
10	64QAM	25	12	20.70										
10	64QAM	25	25	20.68										
10	256QAM	1	0	18.50			19.8	5						
10	256QAM	1	25	18.64										
10	256QAM	1	49	18.62										
10	256QAM	25	0	18.56			19.8	5						
10	256QAM	25	12	18.57										
10	256QAM	25	25	18.54										
10	256QAM	50	0	18.58			19.8	5						
10	256QAM	50	12	18.56										
10	256QAM	50	25	18.58										
Channel														
Frequency (MHz)														
5	QPSK	1	0	23.63	23.62	23.67	24.8	0						
5	QPSK	1	12	23.59	23.54	23.63								
5	QPSK	1	24	23.43	23.47	23.34								
5	QPSK	12	0	22.68	22.60	22.68	23.8	1						
5	QPSK	12	7	22.60	22.50	22.64								
5	QPSK	12	13	22.53	22.55	22.67								
5	QPSK	25	0	22.51	22.60	22.60	23.8	1						
5	16QAM	1	0	22.73	22.72	22.65								
5	16QAM	1	12	22.68	22.66	22.61								
5	16QAM	1	24	22.74	22.84	22.85	22.8	2						
5	16QAM	12	0	21.65	21.64	21.68								
5	16QAM	12	7	21.60	21.61	21.59								
5	16QAM	12	13	21.64	21.56	21.63	22.8	2						
5	16QAM	25	0	21.61	21.61	21.64								
5	64QAM	1	0	21.67	21.68	21.79								
5	64QAM	1	12	21.70	21.86	21.86	22.8	2						
5	64QAM	1	24	21.54	21.59	21.69								
5	64QAM	12	0	20.66	20.65	20.68								
5	64QAM	12	7	20.63	20.58	20.58	21.8	3						
5	64QAM	12	13	20.62	20.56	20.71								
5	64QAM	25	0	20.53	20.54	20.65								
5	256QAM	1	0	18.62	18.44	18.44	19.8	5						
5	256QAM	1	12	18.61	18.48	18.51								
5	256QAM	1	24	18.52	18.58	18.56								
5	256QAM	12	0	18.53	18.56	18.60	19.8	5						
5	256QAM	12	7	18.41	18.47	18.45								
5	256QAM	12	13	18.48	18.38	18.48								
5	256QAM	25	0	18.60	18.56	18.61	19.8	5						
5	256QAM	25	12	18.58	18.56	18.61								
5	256QAM	25	25	18.58	18.56	18.61								

Band 13_Ant 0														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (dBm)	MPR (dB)						
Channel							23330							
Frequency (MHz)							742							
10	QPSK	1	0	22.25			21.9	0						
10	QPSK	1	25	22.87										
10	QPSK	1	49	22.46										
10	QPSK	25	0	21.50			22.9	1						
10	QPSK	25	12	21.81										
10	QPSK	25	25	21.79										
10	QPSK	50	0	21.80			22.9	1						
10	16QAM	1	0	22.03										
10	16QAM	1	25	22.03										
10	16QAM	1	49	22.03			21.9	2						
10	16QAM	25	0	20.51										
10	16QAM	25	12	20.58										
10	16QAM	25	25	20.64			21.9	2						
10	16QAM	50	0	20.75										
10	64QAM	1	0	20.59										
10	64QAM	1	25	20.58			20.9	3						
10	64QAM	1	49	20.50										
10	64QAM	25	0	19.84										
10	64QAM	25	12	19.85			20.9	3						
10	64QAM	25	25	19.85										
10	64QAM	50	0	19.85										
10	256QAM	1	0	17.55			18.9	5						
10	256QAM	1	25	17.58										
10	256QAM	1	49	17.60										
10	256QAM	12	0	17.58			18.9	5						
10	256QAM	12	13	17.59										
10	256QAM	12	25	17.57										
10	256QAM	25	0	17.61			18.9	5						
10	256QAM	25	12	17.58										
10	256QAM	25	25	17.57										
Channel											23335			
Frequency (MHz)											779.3			
5	QPSK	1	0	22.72	22.71	22.72	21.9	0						
5	QPSK	1	12	22.80	22.79	22.73								
5	QPSK	1	24	22.37	22.39	22.36								
5	QPSK	12	0	21.68	21.60	21.70	22.9	1						
5	QPSK	12	7	21.71	21.74	21.74								
5	QPSK	12	13	21.70	21.75	21.74								
5	QPSK	25	0	21.70	21.69	21.68	22.9	1						
5	16QAM	1	0	21.89	21.84	21.89								
5	16QAM	1	12	21.90	21.91	21.90								
5	16QAM	1	24	21.96	21.97	21.98	21.9	2						
5	16QAM	12	0	20.70	20.69	20.71								
5	16QAM	12	7	20.70	20.75	20.78								
5	16QAM	12	13	20.73	20.71	20.75	21.9	2						
5	16QAM	25	0	20.66	20.77	20.84								
5	64QAM	1	0	20.95	20.94	20.98								
5	64QAM	1	12	20.82	20.93	20.89	21.9	2						
5	64QAM	1	24	20.94	20.90	20.91								
5	64QAM	12	0	19.77	19.75	19.71								
5	64QAM	12	7	19.83	19.84	19.80	20.9	3						
5	64QAM	12	13	19.71	19.72	19.77								
5	64QAM	25	0	19.71	19.74	19.75								
5	256QAM	1	0	17.58	17.59	17.54	18.9	5						
5	256QAM	1	12	17.61	17.59	17.58								
5	256QAM	1	24	17.55	17.52	17.57								
5	256QAM	12	0	17.59	17.57	17.58	18.9	5						
5	256QAM	12	7	17.66	17.59	17.71								
5	256QAM	12	13	17.52	17.56	17.58								

Band 25_Ant 4										
RF (MHz)	Modulation	RB Size	PRB Offset	Power (dBm)	Power (dBm) / Ch. Freq.	Power (dBm) / Ch. Freq.	Power (dBm) / Ch. Freq.	Turnup time (dBm)	MFR (dB)	
Channel				26140	26340	26590				
Frequency (MHz)				16140	16340	16590				
20	QPSK	1	0	20.44	20.62	20.61	20.8	0		
20	QPSK	1	49	20.44	20.62	20.61	20.8	0		
20	QPSK	1	99	20.49	20.64	20.28				
20	QPSK	1	149	20.49	20.64	20.28				
20	QPSK	50	24	20.44	20.55	20.23				
20	QPSK	50	50	20.41	20.59	20.26				
20	QPSK	100	0	20.52	20.50	20.40				
20	HQPSK	1	0	20.52	20.53	20.40				
20	HQPSK	1	49	20.52	20.53	20.40				
20	HQPSK	1	99	20.41	20.64	20.30				
20	HQPSK	50	0	20.42	20.62	20.38				
20	HQPSK	50	50	20.42	20.62	20.38				
20	HQPSK	50	100	20.48	20.62	20.37				
20	HQPSK	100	0	20.52	20.50	20.40				
20	HQPSK	100	50	20.44	20.54	20.47				
20	HQPSK	1	49	20.48	20.55	20.40				
20	HQPSK	1	99	20.50	20.55	20.28				
20	HQPSK	50	24	20.42	20.51	20.40				
20	HQPSK	50	50	20.42	20.51	20.40				
20	HQPSK	100	50	20.52	20.53	20.42				
20	HQPSK	100	100	20.51	20.54	20.43				
20	HQPSK	1	0	18.62	18.62	18.62				
20	HQPSK	1	49	18.62	18.63	18.62				
20	HQPSK	1	99	18.65	18.63	18.61				
20	HQPSK	50	0	18.57	18.51	18.48				
20	HQPSK	50	50	18.54	18.49	18.46				
20	HQPSK	50	100	18.56	18.50	18.44				
20	HQPSK	100	0	18.68	18.54	18.67				
Channel <th>16515</th> <th>16740</th> <th>16915</th> <th></th> <th></th> <th></th> <th></th>				16515	16740	16915				
Frequency (MHz)				16515	16740	16915				
15	QPSK	1	0	20.44	20.55	20.34				
15	QPSK	1	49	20.44	20.55	20.34				
15	QPSK	1	99	20.50	20.62	20.22				
15	QPSK	1	149	20.50	20.62	20.22				
15	QPSK	36	0	20.45	20.47	20.37				
15	QPSK	36	36	20.45	20.47	20.37				
15	QPSK	36	72	20.45	20.47	20.37				
15	QPSK	36	108	20.45	20.47	20.37				
15	QPSK	72	0	20.38	20.48	20.24				
15	QPSK	72	36	20.37	20.48	20.24				
15	HQPSK	1	0	20.48	20.48	20.30				
15	HQPSK	1	37	20.48	20.48	20.30				
15	HQPSK	36	74	20.33	20.61	20.22				
15	HQPSK	36	74	20.33	20.61	20.22				
15	HQPSK	36	20	20.43	20.43	20.25				
15	HQPSK	36	56	20.43	20.43	20.25				
15	HQPSK	72	0	20.39	20.39	20.30				
15	HQPSK	72	0	20.39	20.39	20.30				
15	HQPSK	1	0	20.43	20.54	20.20				
15	HQPSK									

Band 25_Ant 6										
RF (MHz)	Modulation	RB Size	RF Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Turnup time (sec)	MFR (dB)	
				26140	26160	26180	26190			
			Channel							
			Frequency (MHz)							
20	QPSK	1	0	18.17	18.17	18.17	18.17			
20	QPSK	1	49	18.28	18.48	18.24		19.8	0	
20	QPSK	1	89	18.32	18.42	18.24				
20	QPSK	50	0	18.17	18.17	18.17				
20	QPSK	50	24	18.31	18.46	18.37		19.8	0	
20	QPSK	1	0	18.36	18.41	18.27				
20	QPSK	50	0	18.35	18.35	18.35				
20	QPSK	1	0	18.35	18.42	18.30				
20	HQPSK	1	0	18.35	18.42	18.30				
20	HQPSK	1	0	18.35	18.42	18.30				
20	HQPSK	1	59	18.40	18.45	18.20		19.8	0	
20	HQPSK	50	0	18.39	18.38	18.50				
20	HQPSK	50	0	18.39	18.38	18.50				
20	HQPSK	50	50	18.37	18.05	18.25		19.8	0	
20	HQPSK	100	0	18.05	18.09	18.02				
20	HQPSK	100	0	18.05	18.09	18.02				
20	HQPSK	1	49	18.27	18.23	18.20		19.8	0	
20	HQPSK	1	59	18.30	18.38	18.13				
20	HQPSK	1	0	18.34	18.31	18.34				
20	HQPSK	50	24	18.07	18.13	18.11				
20	HQPSK	100	0	18.06	18.07	18.05				
20	HQPSK	100	0	18.06	18.06	18.06				
20	HQPSK	1	0	18.88	18.96	18.80				
20	HQPSK	1	0	18.88	18.96	18.80				
20	HQPSK	1	59	18.74	18.87	18.74		17.8		
20	HQPSK	50	0	18.82	18.96	18.80				
20	HQPSK	50	0	18.82	18.96	18.80				
20	HQPSK	50	50	18.76	18.91	18.86				
20	HQPSK	100	0	18.79	18.81	18.87		17.8		
			Channel							
			Frequency (MHz)							
15	QPSK	1	0	18.17	18.17	18.17	18.17			MFR (dB)
15	QPSK	1	0	18.38	18.51	18.29		19.8	0	
15	QPSK	1	49	18.47	18.57	18.24				
15	QPSK	1	74	18.18	18.27	18.10				
15	QPSK	36	0	18.34	18.38	18.23				
15	QPSK	36	0	18.38	18.38	18.23				
15	QPSK	36	39	18.31	18.26	18.20		19.8	0	
15	QPSK	75	0	18.20	18.29	18.21				
15	QPSK	75	0	18.41	18.41	18.24				
15	HQPSK	1	37	18.24	18.30	18.19				
15	HQPSK	1	37	18.24	18.30	18.19				
15	HQPSK	36	74	18.14	18.16	18.04				
15	HQPSK	36	74	18.14	18.16	18.04				
15	HQPSK	36	20	18.83	18.95	18.04		19.8	0	
15	HQPSK	36	20	18.83	18.95	18.04				
15	HQPSK	75	0	18.82	18.94	18.07				
15	HQPSK	75	0	18.02	18.08	18.09				
15	HQPSK	1	0	1						

Band 25_Ant 5										
RF (MHz)	Modulation	RB Size	RF Offset	Power Level Ch / Freq	Power Level Ch / Freq	Power Level Ch / Freq	Turnup Time (dBs)	MFR (dB)		
Channel				16140	16160	16180				
Frequency (MHz)				16150	16160	16170				
20	QPSK	1	0	22.22	22.22	22.22				
20	QPSK	1	49	22.24	22.27	22.28	23	0		
20	QPSK	1	98	22.22	22.23	22.22				
20	QPSK	1	147	22.24	22.27	22.28	23	0		
20	QPSK	50	24	22.21	22.28	22.29				
20	QPSK	50	50	22.17	22.24	22.25	23	0		
20	QPSK	50	75	22.25	22.28	22.29				
20	HQPSK	1	0	22.18	22.25	22.26				
20	HQPSK	1	49	22.20	22.23	22.24	23	0		
20	HQPSK	1	99	22.23	22.30	22.31				
20	HQPSK	50	0	22.25	22.28	22.29				
20	HQPSK	50	25	22.21	22.23	22.23	23	0		
20	HQPSK	50	50	22.22	22.25	22.25				
20	HQPSK	100	0	22.30	22.37	22.31				
20	HQPSK	100	50	22.28	22.30	22.30	23	0		
20	HQPSK	1	49	22.17	22.27	22.28				
20	HQPSK	1	99	22.17	22.25	22.26				
20	HQPSK	50	24	21.38	21.47	21.54				
20	HQPSK	50	24	21.38	21.46	21.57				
20	HQPSK	100	16	21.37	21.38	21.38	23	0		
20	25GSSK	1	0	19.23	19.32	19.32				
20	25GSSK	1	49	19.22	19.28	19.29				
20	25GSSK	1	99	19.18	19.34	19.35				
20	25GSSK	50	0	19.15	19.34	19.29				
20	25GSSK	50	25	19.22	19.28	19.29				
20	25GSSK	50	50	19.18	19.33	19.33	23	0		
20	25GSSK	100	0	19.09	19.22	19.15				
Frequency (MHz)				16175	16180	16185	Turnup Time (dBs)	MFR (dB)		
15	QPSK	1	0	22.17	22.14	22.08				
15	QPSK	1	49	22.17	22.22	22.17	23	0		
15	QPSK	1	98	22.10	22.17	22.12				
15	QPSK	1	147	22.10	22.17	22.20	23	0		
15	QPSK	50	0	22.25	22.30	22.28				
15	QPSK	50	25	22.24	22.28	22.28				
15	QPSK	50	50	22.05	22.23	22.15	23	0		
15	QPSK	75	0	22.14	22.19	22.26				
15	QPSK	75	25	22.14	22.19	22.26				
15	HQPSK	1	0	22.18	22.23	22.28				
15	HQPSK	1	49	22.24	22.28	22.29	23	0		
15	HQPSK	50	0	22.23	22.14	22.21				
15	HQPSK	50	25	22.13	22.25	22.23				
15	HQPSK	50	50	22.29	22.29	22.29	23	0		
15	HQPSK	75	0	22.27	22.19	22.07				
15	HQPSK	1	0	22.21	22.16	22.04				
15	HQPSK	1	49	22.16	22.25	22.23	23	0		
15	HQPSK	1	98	22.08	22.10	22.07				
15	HQPSK	50	0	21.26	21.44	21.43				
15	HQPSK	50	25	21.37	21.39	21.42	22	1		
15	HQPSK	50	50	21.36	21.26	21.34				
15	HQPSK	1	0	16.21	16.30	16.27				
15	25GSSK	1	0	16.25	16.35	16.31				
15	25GSSK	1	49	16.25	16.35	16.31	20	3		
15	25GSSK	1	98	16.10	16.28	16.14				
15	25GSSK	1	147	16.10	16.28	16.31	20	3		
15	25GSSK	50	0	16.18	16.35	16.35				
15	25GSSK	50	25	16.18	16.35	16.35				
15	25GSSK	50	50	16.15	16.30	16.28	20	3		
15	25GSSK	100	0	16.06	16.17	16.06				
Channel				16185	16190	16195	Turnup Time (dBs)	MFR (dB)		
5	QPSK	1	0	22.25	22.36	22.39				
5	QPSK	1	49	22.15	22.26	22.28	23	0		
5	QPSK	1	98	22.11	22.28	22.31				
5	QPSK	1	147	22.11	22.28	22.31	23	0		
5	QPSK	50	0	22.17	22.28	22.29				
5	QPSK	12.5	7	22.19	22.23	22.21				
5	QPSK	12.5	13	22.05	22.19	22.18				
5	QPSK	12.5	19	22.22	22.22	22.22	23	0		
5	HQPSK	1	0	22.03	22.19	22.17				
5	HQPSK	1	12	22.21	22.29	22.19				
5	HQPSK	1	25	22.14	22.24	22.14	23	0		
5	HQPSK	12.5	0	22.18	22.20	22.17				
5	HQPSK	12.5	7	22.07	22.20	22.17				
5	HQPSK	12.5	13	22.23	22.12	22.16	23	0		
5	HQPSK	1	12	22.04	22.30	22.11				
5	HQPSK	1	24	22.15	22.12	22.11				
5	HQPSK	12.5	19	22.12	22.22	22.13				
5	HQPSK	12.5	7	21.32	21.41	21.37	23	0		
5	HQPSK	12.5	13	21.29	21.31	21.29				
5	HQPSK	12.5	19	21.25	21.30	21.27	23	0		
5	25GSSK	1	0	19.10	19.20	19.22				
5	25GSSK	1	12	19.12	19.13	19.13				
5	25GSSK	1	25	19.09	19.27	19.14	20	3		
5	25GSSK	12.5	0	19.00	19.22	19.19				
5	25GSSK	12.5	7	19.16	19.16	19.16				
5	25GSSK	12.5	13	19.03	19.03	19.03	20	3		
5	25GSSK	25	0	19.04	19.13	19.08				
Frequency (MHz)				16195	16180	16195	Turnup Time (dBs)	MFR (dB)		
3	QPSK	1	0	22.27	22.35	22.39				
3	QPSK	1	49	22.15	22.29	22.30	23	0		
3	QPSK	1	98	22.14	22.27	22.31				
3	QPSK	1	147	22.25	22.28	22.17				
3	QPSK	50	0	22.17	22.28	22.29				
3	QPSK	8	7	22.10	22.23	22.15				
3	HQPSK	1	0	22.22	22.31	22.26				
3	HQPSK	1	14	22.15	22.21	22.18	23	0		
3	HQPSK	1	25	22.12	22.22	22.12				
3	HQPSK	8	4	22.30	22.18	22.22				
3	HQPSK	8	7	22.08	22.28	22.10	23	0		
3	HQPSK	8	14	22.15	22.26	22.19				
3	HQPSK	1	0	22.16	22.16	22.12				
3	HQPSK	1	14	22.12	22.10	22.08	23	0		
3	HQPSK	8	7	21.26	21.33	21.23				
3	HQPSK	8	14	21.32	21.34	21.33	23	1		
3	HQPSK	8	1	21.32	21.30	21.30				
3	HQPSK	16	0	21.26	21.19	21.21				
3	HQPSK	16	7	21.23	21.23	21.23	23	0		
3	HQPSK	16	14	21.11	21.19	21.15				
3	HQPSK	1	14	19.17	19.20	19.26				
3	HQPSK	1	25	19.13	19.19	19.19	20	3		
3	HQPSK	8	4	19.17	19.04	19.18				
3	HQPSK	8	7	19.17	19.17	19.17				
3	HQPSK	16	0	19.02	19.14	19.09	20	3		
Channel				16197	16194	16193	Turnup Time (dBs)	MFR (dB)		
1.4	QPSK	1	0	22.27	22.33	22.31				
1.4	QPSK	1	49	22.18	22.34	22.23	23	0		
1.4	QPSK	1	98	22.19	22.27	22.21				
1.4	QPSK	1	147	22.24	22.27	22.23	23	0		
1.4	QPSK	3	0	22.14	22.14	22.15				
1.4	QPSK	6	0	22.19	22.18	22.15				
1.4	HQPSK	1	0	22.05	22.23	22.14				
1.4	HQPSK	1	49	22.17	22.21	22.15	23	0		
1.4	HQPSK	1	98	22.16	22.21	22.15				
1.4	HQPSK	3	0	22.21	22.23	22.25				
1.4	HQPSK	3	49	22.14	22.21	22.21				
1.4	HQPSK	6	0	22.17	22.24	22.14				
1.4	HQPSK	1	9	22.11	22.34	22.12				
1.4	HQPSK	3	0	22.15	22.16	22.16	23	0		
1.4	HQPSK	3	49	22.02	22.32	22.07				
1.4	HQPSK	3	98	22.03	22.33	22.03				
1.4	HQPSK	6	0	21.35	21.34	21.34	22	1		
1.4	HQPSK	6	49	19.17	19.17	19.17				
1.4	HQPSK	6	98	19.18	19.24	19.14				
1.4	HQPSK	1	9	19.09	19.29	19.27				
1.4	25GSSK	3	0	19.17	19.13	19.13				
1.4	25GSSK	3	49	19.17	19.13	19.13	20	3		
1.4	25GSSK	3	98	19.04	19.05	19.05				

Band 25_Ant 0										
RF (MHz)	Modulation	RF Size	RF Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Turnup Limit (dBm)	MFR (dB)	
Channel				26140	26140	26140	26140			
Frequency (MHz)				160.5	160.5	160.5	160.5			
20	QPSK	1	0	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	49	18.83	18.86	18.86	18.86	19.0	0	0
20	QPSK	1	99	19	19	19	19	19.0	0	0
20	QPSK	1	149	18.83	18.86	18.86	18.86	19.0	0	0
20	QPSK	1	199	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	249	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	299	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	349	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	399	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	449	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	499	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	549	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	599	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	649	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	699	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	749	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	799	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	849	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	899	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	949	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	999	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1049	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1099	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1149	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1199	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1249	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1299	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1349	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1399	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1449	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1499	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1549	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1599	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1649	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1699	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1749	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1799	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1849	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1899	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1949	18.75	18.75	18.75	18.75	19.0	0	0
20	QPSK	1	1999	18.75	18.75	18.75	18.75	19.		

Band 26(FCC)_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turnup time (min)	MPE (dB)		
Channel				26765	26815	26865				
Frequency (MHz)				820.5	831.5	841.5				
15	QPSK	1	0	24.25	24.30	24.35	25	0		
15	QPSK	1	74	24.11	24.19	24.05				
15	QPSK	36	0	23.22	23.30	23.21				
15	QPSK	36	27	23.26	23.34	23.31				
15	QPSK	36	39	23.00	23.10	23.01	24	1		
15	HQDM	1	0	23.43	23.46	23.43				
15	HQDM	1	37	23.28	23.34	23.31	24	1		
15	HQDM	1	74	23.24	23.31	23.26				
15	HQDM	36	0	22.98	22.97	22.95				
15	HQDM	36	20	22.23	22.28	22.23	23	2		
15	HQDM	36	59	22.13	22.20	22.19				
15	HQDM	75	0	22.01	22.11	22.07				
15	HQDM	1	0	22.40	22.48	22.47				
15	HQDM	1	37	22.16	22.28	22.16	23	2		
15	HQDM	1	74	22.15	22.25	22.16				
15	HQDM	36	0	21.16	21.22	21.15				
15	HQDM	36	20	21.13	21.17	21.05				
15	HQDM	36	59	21.10	21.19	21.17				
15	25QAM	1	0	19.08	19.09	19.15				
15	25QAM	1	37	19.18	19.15	19.05	20	5		
15	25QAM	1	74	19.23	19.13	19.22				
15	25QAM	36	0	19.14	19.09	19.11				
15	25QAM	36	20	19.21	19.17	19.14	20	5		
15	25QAM	36	59	19.20	19.18	19.17				
15	25QAM	75	0	19.21	19.20	19.22				
Channel				26740	26784	26828	Turnup time (min)	MPE (dB)		
Frequency (MHz)				819.5	831.5	843.5				
15	QPSK	1	0	24.28	24.33	24.39	25	0		
15	QPSK	1	26	24.17	24.36	24.58				
15	QPSK	1	48	24.02	24.26	23.90				
15	QPSK	12	0	23.32	23.32	23.15				
15	QPSK	25	12	23.08	23.11	23.04	24	1		
15	QPSK	36	0	22.97	23.03	22.97				
15	QPSK	36	9	22.92	23.03	22.93				
15	HQDM	1	0	23.42	23.42	23.37				
15	HQDM	1	37	23.13	23.21	23.16	24	1		
15	HQDM	1	49	23.11	23.22	23.13				
15	HQDM	25	0	22.08	22.17	22.05				
15	HQDM	25	12	22.02	22.12	21.93	23	2		
15	HQDM	25	26	22.06	22.15	21.94				
15	HQDM	50	0	21.98	22.05	21.95				
15	HQDM	50	1	22.36	22.37	22.43				
15	HQDM	1	25	22.11	22.15	22.03	23	2		
15	HQDM	1	49	22.08	22.16	22.07				
15	HQDM	25	0	21.15	21.15	21.05				
15	HQDM	25	12	21.04	21.17	21.13	22	3		
15	HQDM	25	26	21.05	21.12	21.03				
15	HQDM	50	0	20.97	21.04	21.01				
15	25QAM	1	0	19.07	19.02	19.18	20	5		
15	25QAM	1	37	19.07	19.08	19.05				
15	25QAM	1	49	19.01	19.04	19.15				
15	25QAM	25	0	19.02	19.04	19.05				
15	25QAM	25	12	19.15	19.02	19.09	20	5		
15	25QAM	25	26	19.17	19.08	19.09				
15	25QAM	50	0	19.14	19.16	19.16				
Channel				816.5	831.5	846.5	Turnup time (min)	MPE (dB)		
5	QPSK	1	0	24.29	24.31	24.23	25	0		
5	QPSK	1	12	24.14	24.22	24.05				
5	QPSK	1	24	24.07	24.10	23.90				
5	QPSK	12	0	23.23	23.29	23.20				
5	QPSK	12	7	23.16	23.15	23.10	24	1		
5	QPSK	12	13	22.98	23.14	22.93				
5	QPSK	25	0	22.98	22.99	22.95				
5	QPSK	25	9	23.16	23.44	23.37				
5	HQDM	1	12	23.30	23.26	23.18	24	1		
5	HQDM	1	24	23.29	23.26	23.19				
5	HQDM	12	0	21.99	22.19	22.14				
5	HQDM	12	7	22.20	22.14	22.15	23	2		
5	HQDM	12	13	22.02	22.11	22.09				
5	HQDM	25	0	21.87	22.08	22.03				
5	HQDM	1	0	22.20	22.39	22.45				
5	HQDM	1	12	22.08	22.13	22.10	23	2		
5	HQDM	1	24	22.12	22.22	22.09				
5	HQDM	12	0	21.06	21.17	21.09				
5	HQDM	12	7	21.05	21.21	21.11	22	3		
5	HQDM	12	13	21.13	21.16	21.06				
5	HQDM	25	0	21.08	21.28	21.05				
5	25QAM	1	0	19.05	19.03	19.14	20	5		
5	25QAM	1	12	19.09	19.06	19.04				
5	25QAM	1	24	19.12	19.12	19.17				
5	25QAM	12	0	19.13	19.02	19.06				
5	25QAM	12	7	19.12	19.03	19.01	20	5		
5	25QAM	12	13	19.07	19.02	19.11				
5	25QAM	25	0	19.11	19.11	19.15				
Channel				26965	26985	27025	Turnup time (min)	MPE (dB)		
3	QPSK	1	0	24.24	24.31	24.24	25	0		
3	QPSK	1	8	24.20	24.15	24.13				
3	QPSK	1	14	24.03	24.14	24.08				
3	QPSK	8	0	23.22	23.25	23.13				
3	QPSK	8	4	22.96	23.13	23.05	24	1		
3	QPSK	15	0	22.92	22.98	22.92				
3	HQDM	1	0	23.31	23.34	23.28				
3	HQDM	1	8	23.39	23.38	23.41	24	1		
3	HQDM	1	14	23.09	23.16	23.16				
3	HQDM	8	0	22.07	22.10	22.14				
3	HQDM	8	4	22.21	22.29	22.22	23	2		
3	HQDM	8	7	22.08	22.05	22.18				
3	HQDM	15	0	21.95	22.00	22.01				
3	HQDM	1	0	22.42	22.43	22.33				
3	HQDM	1	8	22.15	22.13	22.10	23	2		
3	HQDM	1	14	22.02	22.08	22.06				
3	HQDM	8	0	21.01	21.17	21.04				
3	HQDM	8	4	21.06	21.24	21.18	22	3		
3	HQDM	8	7	21.02	21.08	21.04				
3	HQDM	15	0	20.99	21.14	20.94				
3	25QAM	1	0	19.02	19.05	19.10	20	5		
3	25QAM	1	8	19.11	19.07	19.03				
3	25QAM	1	14	19.11	19.03	19.15				
3	25QAM	8	0	19.03	19.06	19.03				
3	25QAM	8	4	19.12	19.09	19.03	20	5		
3	25QAM	8	7	19.14	19.04	19.16				
3	25QAM	15	0	19.07	19.10	19.05				
Channel				814.7	831.5	846.3	Turnup time (min)	MPE (dB)		
1.4	QPSK	1	0	24.23	24.30	24.29	25	0		
1.4	QPSK	1	3	24.17	24.25	24.21				
1.4	QPSK	1	5	24.01	24.16	24.02				
1.4	QPSK	3	0	23.03	23.08	23.00				
1.4	QPSK	3	1	24.18	24.17	24.13				
1.4	QPSK	3	3	24.07	24.05	23.96	24	1		
1.4	QPSK	6	0	22.90	23.07	22.94	24	1		
1.4	HQDM	1	0	23.37	23.45	23.34				
1.4	HQDM	1	3	23.23	23.29	23.16				
1.4	HQDM	1	5	23.16	23.16	23.14	24	1		
1.4	HQDM	3	0	23.27	23.42	23.24				
1.4	HQDM	3	3	23.14	23.21	23.12	24	1		
1.4	HQDM	3	9	23.15	23.14	23.01				
1.4	HQDM	15	0	21.98	22.01	21.92				
1.4	HQDM	1	0	22.49	22.49	22.34				
1.4	HQDM	1	3	22.42	22.28	22.41				
1.4	HQDM	1	5	21.07	21.23	21.27	23	2		
1.4	HQDM	1	3	21.27	21.31	21.26				
1.4	HQDM	1	5	21.29	21.35	21.30	22	3		
1.4	HQDM	3	1	21.18	21.25	21.14				
1.4	HQDM	3	1	21.34	21.23	21.26				
1.4	HQDM	3	3	21.25	21.25	21.17	21	3		
1.4	HQDM	15	0	20.97	20.13	20.16				
1.4	25QAM	1	0	19.00	19.03	19.15	20	5		
1.4	25QAM	1	14	19.19	19.07	19.19				
1.4	25QAM	1	5	19.14	19.14	19.14	19	5		
1.4	25QAM	3	0	19.18	19.23	19.17				
1.4	25QAM	3	1	19.19	19.26	19.20				
1.4	25QAM	3	3	19.13	19.07	19.15				
1.4	25QAM	3	13	19.13	19.04	19.16	20	5		

Band 66 Ant 4										
RF [MHz]	Modulation	RB Size	RB Offset	Power Level Ch. 1/2	Power Level Ch. 3/4	Power Level Ch. 5/6	Time-slot (slot)	MPR (dB)		
Channel										
130172 130232 130272										
20	QPSK	7.5	1	17.26	14.74	13.75				
20	QPSK	1	49	16.66	19.71	19.69	20.5	0		
20	QPSK	1	59	16.70	19.71	19.62				
20	QPSK	36	24	16.66	19.67	19.67				
20	QPSK	50	24	16.68	19.62	19.64	20.5	0		
20	QPSK	50	50	16.69	19.66	19.63				
20	QPSK	100	0	16.68	19.64	19.64				
20	HQPSK	1	0	16.62	19.67	19.69	20.5	0		
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	50	0	16.63	19.71	19.67				
20	HQPSK	50	50	16.63	19.67	19.63	20.5	0		
20	HQPSK	50	100	16.74	19.67	19.64				
20	HQPSK	100	0	16.68	19.67	19.65				
20	HQPSK	100	50	16.67	19.64	19.64				
20	HQPSK	1	49	16.74	19.70	19.73				
20	HQPSK	1	59	16.68	19.65	19.64				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1	59	16.73	19.67	19.63				
20	HQPSK	36	24	16.63	19.69	19.62	20.5	0		
20	HQPSK	50	24	16.66	19.65	19.72				
20	HQPSK	50	50	16.65	19.67	19.64				
20	HQPSK	100	0	16.63	19.69	19.62				
20	HQPSK	100	50	16.66	19.65	19.62	20.5	0		
20	HQPSK	100	100	16.67	19.62	19.63				
20	HQPSK	1	0	16.62	19.67	19.63				
20	HQPSK	1								

Band 66_Ant 6										
RF/MW	Modulation	RB Size	RB Freq	Offset	Power Ch/Freq	Power Ch/Freq	Power Ch/Freq	Turn-on time (s)	MPE (dB)	
Channel										
Frequency (MHz)					130975	132025	133075			
Frequency (MHz)					1720	1460	1376			
20	QPSK	1	0	18.71	18.83	18.63		19.5	0	
20	QPSK	1	49	18.71	18.83	18.63				
20	QPSK	1	89	18.70	18.82	18.68				
20	QPSK	1	129	18.70	18.82	18.68				
20	QPSK	50	24	18.69	18.85	18.67				
20	QPSK	50	50	18.62	18.71	18.89		19.5	0	
20	QPSK	50	76	18.62	18.71	18.89				
20	QPSK	50	102	18.62	18.71	18.89				
20	HQAM	1	0	18.67	18.68	18.72				
20	HQAM	1	49	18.67	18.68	18.72				
20	HQAM	1	99	18.71	18.61	18.84		19.5	0	
20	HQAM	50	0	18.71	18.67	18.69				
20	HQAM	50	49	18.71	18.67	18.69				
20	HQAM	50	90	18.66	18.70	18.72		19.5	0	
20	HQAM	100	0	18.68	18.73	18.63				
20	HQAM	100	49	18.68	18.73	18.63				
20	HQAM	1	49	18.61	18.66	18.65				
20	HQAM	1	99	18.73	18.66	18.72				
20	HQAM	50	0	18.63	18.69	18.58				
20	HQAM	50	49	18.72	18.67	18.73				
20	HQAM	50	24	18.65	18.73	18.62		19.5	0	
20	HQAM	50	50	18.63	18.69	18.58				
20	HQAM	50	76	18.63	18.69	18.58				
20	HQAM	50	102	18.63	18.69	18.58				
20	SSBGM	1	0	17.60	17.60	17.58				
20	SSBGM	1	49	17.60	17.54	17.53				
20	SSBGM	1	99	17.45	17.55	17.58				
20	SSBGM	50	0	17.37	17.51	17.50				
20	SSBGM	50	49	17.37	17.51	17.50				
20	SSBGM	50	90	17.48	17.47	17.47				
20	SSBGM	100	0	17.53	17.62	17.60		Turn-on time (s)	MPE (dB)	
20	SSBGM	100	49	17.53	17.62	17.60				
Channel										
Frequency (MHz)					1717.5	1746	1773.5			
15	QPSK	1	0	18.71	18.72	18.63				
15	QPSK	1	49	18.71	18.72	18.63		19.5	0	
15	QPSK	1	89	18.71	18.72	18.63				
15	QPSK	1	129	18.71	18.72	18.63				
15	QPSK	1	169	18.61	18.56	18.59				
15	QPSK	36	0	18.70	18.59	18.60				
15	QPSK	36	36	18.53	18.63	18.64		19.5	0	
15	QPSK	36	72	18.59	18.59	18.67				
15	QPSK	75	0	18.48	18.56	18.62				
15	QPSK	75	36	18.54	18.54	18.64				
15	HQAM	1	27	18.56	18.61	18.52		19.5	0	
15	HQAM	1	54	18.63	18.66	18.64				
15	HQAM	36	0	18.60	18.66	18.64				
15	HQAM	36	36	18.62	18.57	18.65				
15	HQAM	36	72	18.58	18.58	18.69				
15	HQAM	75	0	18.59	18.59	18.68				
15	HQAM	75	36	18.62	18.57	18.65				
15	HQAM	75	72	18.62	18.57	18.65				
15	HQAM	75	108	18.62	18.57	18.65		19.5	0	
15	SSBGM	1	0	17.59	17.57	17.50				
15	SSBGM	1	49	17.59	17.53	17.51				
15	SSBGM	1	99	17.42	17.52	17.51				
15	SSBGM	50	0	17.26	17.46	17.46				
15	SSBGM	50	49	17.27	17.37	17.35				
15	SSBGM	50	99	17.27	17.37	17.35				
15	SSBGM	36	20	17.30	17.37	17.25		19.5	1	
15	SSBGM	36	56	17.30	17.37	17.25				
15	SSBGM	75	0	17.39	17.48	17.38				
Channel										
Frequency (MHz)					130977	132027	133077	Turn-on time (s)	MPE (dB)	
Frequency (MHz)					1725	1464	1378			
5	QPSK	1	0	18.59	18.62	18.64				
5	QPSK	1	26	18.64	18.54	18.58		19.5	0	
5	QPSK	1	52	18.64	18.54	18.58				
5	QPSK	25	0	18.59	18.65	18.57				
5	QPSK	25	12	18.65	18.63	18.66				
5	QPSK	25	24	18.65	18.63	18.66				
5	QPSK	50	0	18.47	18.55	18.61		19.5	0	
5	HQAM	1	0	18.55	18.55	18.71				
5	HQAM	1	26	18.61	18.55	18.61				
5	HQAM	1	52	18.61	18.55	18.61				
5	HQAM	25	0	18.58	18.66	18.58				
5	HQAM	25	12	18.58	18.66	18.58				
5	HQAM	25	24	18.58	18.66	18.58				
5	HQAM	50	0	18.66	18.64	18.71				
5	HQAM	50	26	18.61	18.65	18.61				
5	HQAM	1	26	18.47	18.58	18.45		19.5	0	
5	HQAM	1	52	18.48	18.54	18.45				
5	HQAM	25	0	18.49	18.57	18.62				
5	HQAM	25	12	18.63	18.60	18.45		19.5	0	
5	HQAM	25	24	18.63	18.60	18.45				
5	HQAM	50	0	18.69	18.73	18.70				
5	SSBGM	1	0	17.59	17.57	17.50				
5	SSBGM	1	49	17.42	17.52	17.51				
5	SSBGM	25	0	17.26	17.36	17.26				
5	SSBGM	25	12	17.27	17.37	17.25				
5	SSBGM	25	24	17.44	17.37	17.35		19.5	1	
5	SSBGM	25	48	17.44	17.37	17.35				
Channel										
Frequency (MHz)					130977	132027	133077	Turn-on time (s)	MPE (dB)	
Frequency (MHz)					1725	1464	1378			
5	QPSK	1	0	18.59	18.62	18.64				
5	QPSK	1	26	18.64	18.54	18.58		19.5	0	
5	QPSK	1	52	18.64	18.54	18.58				
5	QPSK	25	0	18.59	18.65	18.57				
5	QPSK	25	12	18.65	18.63	18.66				
5	QPSK	25	24	18.65	18.63	18.66				
5	QPSK	50	0	18.47	18.55	18.61		19.5	0	
5	HQAM	1	0	18.53	18.55	18.60				
5	HQAM	1	26	18.62	18.59	18.59		19.5	0	
5	HQAM	1	52	18.62	18.59	18.59				
5	HQAM	25	0	18.48	18.56	18.62				
5	HQAM	25	12	18.60	18.60	18.60		19.5	0	
5	HQAM	25	24	18.60	18.60	18.60				
5	HQAM	50	0	18.62	18.56	18.59				
5	HQAM	50	26	18.58	18.62	18.60				
5	HQAM	1	26	18.62	18.67	18.63				
5	HQAM	1	52	18.61	18.65	18.61				
5	HQAM	25	0	18.67	18.62	18.59				
5	HQAM	25	12	18.64	18.54	18.62				
5	HQAM	25	24	18.67	18.62	18.59				
5	HQAM	50	0	18.64	18.64	18.64				
5	HQAM	50	26	18.58	18.65	18.62				
5	HQAM	1	26	17.58	17.65	17.55		19.5	0	
5	HQAM	1	52	17.58	17.65	17.55				
5	HQAM	25	0	17.45	17.55	17.45				
5	HQAM	25	12	17.46	17.41	17.58		Turn-on time (s)	MPE (dB)	
5	HQAM	25	24	17.46	17.41	17.58				
Channel										
Frequency (MHz)					1711.5	1740	1770.5			
3	QPSK	1	0	18.62	18.73	18.65				
3	QPSK	1	8	18.60	18.57	18.61		19.5	0	
3	QPSK	1	16	18.61	18.52	18.60				
3	QPSK	1	24	18.58	18.57	18.61				
3	QPSK	8	0	18.59	18.61	18.58				
3	QPSK	8	4	18.59	18.61	18.58				
3	QPSK	8	8	18.59	18.61	18.58				
3	QPSK	15	0	18.54	18.67	18.59		19.5	0	
3	QPSK	15	8	18.54	18.67	18.59				
3	QPSK	15	16	18.54	18.67	18.59				
3	HQAM	1	8	18.69	18.69	18.65		19.5	0	
3	HQAM	1	16	18.67	18.52	18.54				
3	HQAM	8	0	18.60	18.60	18.60				
3	HQAM	8	4	18.60	18.60	18.60				
3	HQAM	1	8	18.62	18.54	18.54		19.5	0	
3	HQAM	1	16	18.62	18.54	18.54				
3	HQAM	8	0	18.59	18.62	18.65				
3	HQAM	8	4	18.59	18.62	18.65				
3	HQAM	8	7	18.61	18.62	18.53		19.5	0	
3	HQAM	16	0	18.65	18.69	18.68				
3	HQAM	16	8	18.65	18.69	18.68				
3	HQAM	1	8	17.38	17.48	17.48		19.5	1	
3	HQAM	1	16	17.43	17.59	17.45				
3	HQAM	8	0	17.38	17.48	17.48				
3	HQAM	8	4	17.30	17.42	17.42				
3	SSBGM	1	0	17.39	17.40	17.23				
3	SSBGM	15	0	17.45	17.57	17.23		19.5	0	
Channel										
Frequency (MHz)					1707.5	1740.5	1773.5	Turn-on time (s)	MPE (dB)	
14	QPSK	1	0	18.63	18.63	18.63				
14	QPSK	1	8	18.63	18.63	18.63		19.5	0	
14	QPSK	1	16	18.60	18.59	18.64				
14	QPSK	1	24	18.60	18.60	18.60				
14	QPSK	3	0	18.54	18.62	18.68				
14	QPSK	3	8	18.49	18.59	18.68		19.5	0	
14	QPSK	3	16	18.62	18.63	18.63				

Band 66_Ant 5												
[BW MHz]	Modulation	RIS size	RF Offset	Power Level [dBm]	Power Ch/Freq [Ch/Freq]	Power Ch/Freq [Ch/Freq]	Power Ch/Freq [Ch/Freq]	Turn-on time [min]	MFR [dB]			
Channel										13020	13022	13022
Frequency [MHz]										17070	17072	17072
20	QPSK	1	0	20	20.73	20.73	20.56	21.5	0			
20	QPSK	1	49	20.57	20.57	20.73	20.56					
20	QPSK	1	99	20.54	20.73	20.73	20.59					
20	QPSK	50	24	20.59	20.59	20.59	20.59					
20	QPSK	50	24	20.49	20.49	20.48	20.52	21.5	0			
20	QPSK	50	24	20.59	20.59	20.48	20.57					
20	QPSK	100	24	20.57	20.57	20.57	20.57					
20	16QAM	1	0	20.53	20.61	20.61	20.62					
20	16QAM	1	49	20.53	20.53	20.53	20.53	21.5	0			
20	16QAM	1	99	20.49	20.66	20.64	20.65					
20	16QAM	50	0	20.55	20.61	20.58	20.58					
20	16QAM	50	49	20.55	20.55	20.55	20.55					
20	16QAM	50	50	20.52	20.55	20.62	20.62	21.5	0			
20	16QAM	100	0	20.51	20.65	20.54	20.54					
20	16QAM	100	49	20.51	20.51	20.51	20.51					
20	64QAM	1	49	20.51	20.70	20.64	20.64					
20	64QAM	99	0	20.63	20.61	20.61	20.61					
20	64QAM	99	49	20.59	20.59	20.59	20.59					
20	64QAM	50	24	20.62	20.68	20.61	20.61	21.5	0			
20	64QAM	50	24	20.51	20.64	20.58	20.58					
20	64QAM	100	24	20.51	20.51	20.51	20.51					
20	25QAM	1	0	19.38	19.46	19.55	19.45	20	1.5			
20	25QAM	1	49	19.38	19.46	19.46	19.46					
20	25QAM	1	99	19.50	19.56	19.45	19.45					
20	25QAM	50	0	19.34	19.37	19.47	19.47					
20	25QAM	50	49	19.34	19.34	19.34	19.34	20	1.5			
20	25QAM	50	50	19.50	19.51	19.54	19.54					
20	25QAM	100	0	19.44	19.45	19.47	19.47	Turn-on time [min]	MFR [dB]			
Frequency [MHz]										1717.5	1745	1772.5
15	QPSK	1	0	20.55	20.59	20.59	20.59					
15	QPSK	1	49	20.55	20.55	20.55	20.55					
15	QPSK	1	99	20.55	20.55	20.55	20.55					
15	QPSK	1	74	20.49	20.57	20.58	20.58					
15	QPSK	36	0	20.47	20.57	20.62	20.62	21.5	0			
15	QPSK	36	49	20.42	20.52	20.58	20.58					
15	QPSK	36	99	20.56	20.55	20.55	20.47					
15	QPSK	76	0	20.51	20.56	20.58	20.58					
15	QPSK	76	49	20.49	20.58	20.59	20.59					
15	16QAM	1	37	20.41	20.55	20.58	20.58	21.5	0			
15	16QAM	1	74	20.41	20.55	20.55	20.55					
15	16QAM	36	0	20.47	20.63	20.69	20.69					
15	16QAM	36	49	20.41	20.55	20.55	20.55	21.5	0			
15	16QAM	36	99	20.43	20.50	20.51	20.51					
15	16QAM	76	0	20.45	20.55	20.58	20.58					
15	16QAM	76	49	20.45	20.55	20.55	20.55					
15	16QAM	76	99	20.45	20.55	20.55	20.55					
15	25QAM	1	0	19.37	19.46	19.47	19.47					
15	25QAM	1	49	19.37	19.46	19.46	19.46	20	1.5			
15	25QAM	1	99	19.50	19.56	19.45	19.45					
15	25QAM	50	0	19.34	19.37	19.47	19.47					
15	25QAM	50	49	19.34	19.34	19.34	19.34	20	1.5			
15	25QAM	50	50	19.50	19.51	19.54	19.54					
15	25QAM	100	0	19.37	19.46	19.47	19.47	Turn-on time [min]	MFR [dB]			
Channel										13002	13022	13062
Frequency [MHz]										1712.5	1745	1772.5
10	QPSK	1	0	20.55	20.60	20.60	20.62					
10	QPSK	1	26	20.49	20.66	20.64	20.64	21.5	0			
10	QPSK	1	52	20.55	20.55	20.55	20.55					
10	QPSK	26	0	20.50	20.62	20.61	20.61					
10	QPSK	26	12	20.43	20.61	20.61	20.61	21.5	0			
10	QPSK	26	26	20.43	20.58	20.61	20.61					
10	QPSK	50	0	20.44	20.64	20.60	20.60					
10	16QAM	1	0	20.46	20.55	20.59	20.59	21.5	0			
10	16QAM	1	26	20.46	20.55	20.59	20.59					
10	16QAM	1	52	20.53	20.58	20.58	20.58					
10	16QAM	26	0	20.43	20.56	20.63	20.63	21.5	0			
10	16QAM	26	12	20.43	20.56	20.56	20.56					
10	16QAM	50	0	20.45	20.61	20.49	20.49					
10	16QAM	50	26	20.45	20.55	20.55	20.55	21.5	0			
10	64QAM	1	0	20.45	20.55	20.61	20.61					
10	64QAM	1	26	20.44	20.67	20.63	20.63	21.5	0			
10	64QAM	1	52	20.53	20.58	20.58	20.58					
10	64QAM	26	0	20.39	20.55	20.55	20.55					
10	64QAM	26	12	20.45	20.60	20.48	20.48	21.5	0			
10	64QAM	50	0	20.43	20.60	20.51	20.51					
10	64QAM	50	26	20.47	20.70	20.50	20.50					
10	25QAM	1	0	19.37	19.45	19.44	19.44					
10	25QAM	1	26	19.45	19.45	19.45	19.45	20	1.5			
10	25QAM	1	52	19.45	19.45	19.45	19.45					
10	25QAM	26	0	19.43	19.48	19.48	19.48	20	1.5			
10	25QAM	26	12	19.41	19.42	19.49	19.49					
10	25QAM	50	0	19.41	19.42	19.49	19.49					
Channel										13090	13022	13067
Frequency [MHz]										1712.5	1745	1772.5
5	QPSK	1	0	20.52	20.68	20.68	20.68					
5	QPSK	1	8	20.53	20.61	20.64	20.64	21.5	0			
5	QPSK	1	16	20.53	20.61	20.61	20.61					
5	QPSK	1	24	20.52	20.59	20.47	20.47					
5	QPSK	8	0	20.47	20.63	20.63	20.63	21.5	0			
5	QPSK	8	8	20.47	20.63	20.63	20.63					
5	QPSK	12	0	20.47	20.63	20.63	20.63					
5	QPSK	12	16	20.56	20.63	20.63	20.63	21.5	0			
5	QPSK	12	24	20.56	20.63	20.63	20.63					
5	16QAM	1	0	20.50	20.58	20.58	20.61					
5	16QAM	1	8	20.50	20.58	20.58	20.58	21.5	0			
5	16QAM	1	16	20.54	20.46	20.53	20.53					
5	16QAM	8	0	20.42	20.53	20.59	20.59					
5	16QAM	8	8	20.43	20.55	20.48	20.48	21.5	0			
5	16QAM	12	0	20.48	20.64	20.47	20.47					
5	16QAM	12	8	20.48	20.64	20.47	20.47					
5	16QAM	12	16	20.48	20.64	20.47	20.47	21.5	0			
5	16QAM	26	0	20.43	20.55	20.48	20.48					
5	16QAM	26	8	20.43	20.55	20.48	20.48					
5	16QAM	26	16	20.43	20.55	20.48	20.48	21.5	0			
5	16QAM	50	0	20.43	20.52	20.60	20.60					
5	16QAM	50	8	20.43	20.52	20.60	20.60					
5	16QAM	1	12	20.50	20.55	20.55	20.55	21.5	0			
5	16QAM	1	24	20.51	20.60	20.53	20.53					
5	16QAM	8	0	20.43	20.55	20.48	20.48					
5	16QAM	8	8	20.43	20.55	20.48	20.48	21.5	0			
5	16QAM	12	0	20.47	20.55	20.55	20.55					
5	16QAM	12	8	20.47	20.55	20.55	20.55					
5	16QAM	12	16	20.47	20.55	20.55	20.55	21.5	0			
5	25QAM	1	0	19.30	19.34	19.34	19.34					
5	25QAM	1	12	19.29	19.43	19.35	19.35	20	1.5			
5	25QAM	1	24	19.31	19.43	19.35	19.35					
5	25QAM	8	0	19.31	19.45	19.41	19.41					
5	25QAM	8	8	19.44	19.41	19.48	19.48	20	1.5			
5	25QAM	12	0	19.44	19.41	19.48	19.48					
5	25QAM	12	8	19.44	19.41	19.48	19.48	20	1.5			
5	25QAM	25	0	19.43	19.44	19.41	19.41	Turn-on time [min]	MFR [dB]			
Channel										13090	13022	13066
Frequency [MHz]										1712.5	1745	1772.5
3	QPSK	1	0	20.63	20.63	20.63	20.63					
3	QPSK	1	8	20.53	20.61	20.64	20.64	21.5	0			
3	QPSK	1	16	20.53	20.61	20.61	20.61					
3	QPSK	1	24	20.52	20.59	20.47	20.47					
3	QPSK	8	0	20.60	20.68	20.68	20.63	21.5	0			
3	QPSK	8	8	20.43	20.61	20.61	20.61					
3	QPSK	8	16	20.49	20.58	20.54	20.54					
3	QPSK	15	0	20.50	20.66	20.63	20.63	21.5	0			
3	QPSK	15	8	20.49	20.48	20.50	20.50					
3	16QAM	1	14	20.49	20.65	20.59	20.59	21.5	0			
3	16QAM	1	28	20.48	20.58	20.58	20.58					
3	16QAM	8	0	20.47	20.48	20.50	20.50	21.5	0			
3	16QAM	8	7	20.43	20.51	20.55	20.55					
3	16QAM	8	14	20.48	20.59	20.49	20.49					
3	16Q											

Band 66_Ant 0												
BW [MHz]	Modulation	RB Size	RBs Offset	Power [dBm] Ch. 1/Freq.	Power [dBm] Ch. 2/Freq.	Power [dBm] Ch. 3/Freq.	Turn-on time (μs)	MPE (dB)				
Channel									130022	130232	130272	
Frequency (MHz)									1717.5	1745	1772.5	
20	QPSK	1	0	17.72	-17.88	-17.72	18.3	0				
20	QPSK	1	46	17.72	-17.88	-17.72	18.3	0				
20	QPSK	1	99	17.72	-17.88	-17.72	18.3	0				
20	QPSK	50	0	17.72	-17.88	-17.72	18.3	0				
20	QPSK	50	24	17.72	-17.88	-17.72	18.3	0				
20	QPSK	50	46	17.72	-17.88	-17.72	18.3	0				
20	QPSK	50	74	17.72	-17.88	-17.72	18.3	0				
20	QPSK	50	99	17.72	-17.88	-17.72	18.3	0				
20	QPSK	100	0	17.72	-17.88	-17.72	18.3	0				
20	QPSK	100	24	17.72	-17.88	-17.72	18.3	0				
20	QPSK	100	46	17.72	-17.88	-17.72	18.3	0				
20	QPSK	100	74	17.72	-17.88	-17.72	18.3	0				
20	QPSK	100	99	17.72	-17.88	-17.72	18.3	0				
20	QPSK	150	0	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	24	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	46	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	74	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	99	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	124	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	146	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	174	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	199	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	224	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	246	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	274	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	299	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	324	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	346	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	374	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	399	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	424	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	446	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	474	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	499	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	524	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	546	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	574	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	599	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	624	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	646	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	674	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	699	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	724	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	746	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	774	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	799	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	824	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	846	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	874	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	899	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	924	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	946	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	974	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	999	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1024	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1046	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1074	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1099	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1124	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1146	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1174	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1199	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1224	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1246	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1274	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1299	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1324	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1346	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1374	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1399	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1424	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1446	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1474	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1499	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1524	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1546	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1574	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1599	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1624	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1646	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1674	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1699	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1724	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1746	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1774	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1799	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1824	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1846	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1874	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1899	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1924	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1946	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1974	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	1999	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2024	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2046	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2074	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2099	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2124	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2146	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2174	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2199	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2224	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2246	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2274	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2299	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2324	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2346	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2374	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2399	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2424	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2446	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2474	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2499	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2524	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2546	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2574	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2599	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2624	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2646	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2674	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2699	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2724	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2746	17.71	-17.87	-17.80	17.80	0				
20	QPSK	150	2774	17.71	-17.87	-17.80	17.80	0				

Band 71_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPR (dB)				
Channel 133222 133222 133272												
Frequency (MHz)												
20	QPSK	1	0	24.03	24.03	24.03	24.3	0				
20	QPSK	1	49	24.00	24.05	24.02						
20	QPSK	50	0	23.93	24.01	23.99						
20	QPSK	50	24	22.89	22.81	22.72	23.3	1				
20	QPSK	50	50	22.83	22.76	22.82						
20	QPSK	100	0	22.83	22.77	22.70						
20	HQAM	1	0	22.81	22.86	22.81	23.3	2				
20	HQAM	1	49	23.01	23.09	23.02						
20	HQAM	50	0	21.74	21.82	21.89						
20	HQAM	50	24	21.74	21.87	21.72	22.3	2				
20	HQAM	100	0	21.68	21.77	21.74						
20	HQAM	1	0	21.89	22.10	22.05						
20	HQAM	1	49	22.70	22.80	22.75	21.3	3				
20	HQAM	50	0	20.73	20.72	20.71						
20	HQAM	50	24	20.74	20.88	20.84						
20	25QAM	1	0	18.74	18.84	18.78	19.3	5				
20	25QAM	1	49	18.70	18.72	18.80						
20	25QAM	50	0	18.65	18.74	18.65						
20	25QAM	50	24	18.65	18.78	18.66	19.3	5				
20	25QAM	50	50	18.66	18.78	18.66						
20	25QAM	100	0	18.67	18.78	18.70						
Channel 133197 133197 133247												
Frequency (MHz)												
15	QPSK	1	0	24.91	24.98	24.96	24.3	0				
15	QPSK	1	37	23.94	23.92	23.96						
15	QPSK	1	74	22.92	23.96	23.90						
15	QPSK	36	0	22.74	22.80	22.79	23.3	1				
15	QPSK	36	20	22.55	22.79	22.68						
15	QPSK	36	39	22.68	22.71	22.69						
15	QPSK	75	0	22.43	22.73	22.62	23.3	1				
15	HQAM	1	0	22.69	22.62	22.78						
15	HQAM	1	37	22.90	23.08	22.82						
15	HQAM	1	74	22.45	22.50	22.48	22.3	2				
15	HQAM	36	0	21.63	21.81	21.61						
15	HQAM	36	20	21.60	21.83	21.62						
15	HQAM	36	39	21.76	21.88	21.71	22.3	2				
15	HQAM	75	0	21.62	21.74	21.62						
15	HQAM	1	0	21.84	22.04	22.03						
15	HQAM	1	37	21.64	21.78	21.75	21.3	3				
15	HQAM	74	0	22.42	22.48	22.45						
15	HQAM	36	0	20.87	20.81	20.88						
15	HQAM	36	20	20.71	20.76	20.83	19.3	5				
15	HQAM	36	39	20.84	20.78	20.86						
15	HQAM	75	0	20.95	20.69	20.92						
15	25QAM	1	0	18.68	18.71	18.78	19.3	5				
15	25QAM	1	37	18.55	18.68	18.65						
15	25QAM	1	74	18.80	18.69	18.58						
15	25QAM	36	0	18.58	18.72	18.59	19.3	5				
15	25QAM	36	20	18.58	18.72	18.59						
15	25QAM	36	39	18.54	18.54	18.59						
15	25QAM	75	0	18.61	18.69	18.69	13.322	13.322	13.322			
Channel 133197 133297 133297												
Frequency (MHz)												
10	QPSK	1	0	24.11	24.14	23.98	24.3	0				
10	QPSK	1	25	23.92	24.03	23.94						
10	QPSK	1	49	23.79	23.96	23.88						
10	QPSK	25	0	22.82	22.83	22.70	23.3	1				
10	QPSK	25	12	22.86	22.91	22.80						
10	QPSK	25	25	22.54	22.74	22.58						
10	QPSK	50	0	22.55	22.76	22.55	23.3	1				
10	HQAM	1	0	22.71	22.80	22.78						
10	HQAM	1	25	22.91	22.95	22.88						
10	HQAM	1	49	22.44	22.84	22.46	22.3	2				
10	HQAM	25	0	21.69	21.73	21.63						
10	HQAM	25	12	21.61	21.75	21.66						
10	HQAM	25	25	21.72	21.88	21.77	22.3	2				
10	HQAM	50	0	21.61	21.75	21.73						
10	HQAM	1	0	21.84	21.85	21.98						
10	HQAM	1	25	21.69	21.84	21.87	21.3	3				
10	HQAM	1	49	22.08	22.09	21.99						
10	HQAM	25	0	20.96	20.99	20.90						
10	HQAM	25	12	20.82	20.83	20.78	19.3	5				
10	HQAM	25	25	20.82	20.75	20.87						
10	HQAM	50	0	20.90	20.93	20.83						
10	25QAM	1	0	18.73	18.73	18.83	19.3	5				
10	25QAM	1	25	18.68	18.68	18.46						
10	25QAM	1	49	18.56	18.67	18.58						
10	25QAM	25	0	18.57	18.66	18.57	19.3	5				
10	25QAM	25	12	18.64	18.68	18.52						
10	25QAM	25	25	18.54	18.70	18.70						
10	25QAM	50	0	18.52	18.59	18.52	13.322	13.322	13.322			
Channel 133147 133297 133447												
Frequency (MHz)												
5	QPSK	1	0	24.15	24.07	23.97	24.3	0				
5	QPSK	1	12	23.97	23.94	23.98						
5	QPSK	24	0	23.89	23.87	23.86						
5	QPSK	12	0	22.80	22.73	22.71	23.3	1				
5	QPSK	12	7	22.84	22.80	22.70						
5	QPSK	12	19	22.82	22.87	22.83						
5	QPSK	25	0	22.52	22.68	22.56	23.3	1				
5	HQAM	1	0	22.71	22.87	22.80						
5	HQAM	1	12	21.90	21.92	21.90						
5	HQAM	1	24	22.47	22.62	22.37	22.3	2				
5	HQAM	12	0	21.64	21.71	21.66						
5	HQAM	12	7	21.71	21.78	21.65						
5	HQAM	12	13	21.70	21.80	21.64	22.3	2				
5	HQAM	25	0	21.62	21.72	21.66						
5	HQAM	1	0	21.91	22.05	21.91						
5	HQAM	1	12	21.70	21.83	21.65	21.3	3				
5	HQAM	1	24	22.11	22.12	22.12						
5	HQAM	12	0	20.50	20.62	20.87						
5	HQAM	12	7	20.88	20.79	20.79	19.3	5				
5	HQAM	12	13	20.69	20.77	20.96						
5	HQAM	25	0	20.54	20.71	20.56						
5	25QAM	1	0	18.72	18.78	18.71	19.3	5				
5	25QAM	1	12	18.67	18.59	18.55						
5	25QAM	1	24	18.51	18.71	18.62						
5	25QAM	12	0	18.58	18.58	18.52	19.3	5				
5	25QAM	12	7	18.59	18.71	18.52						
5	25QAM	12	13	18.51	18.68	18.52						
5	25QAM	25	0	18.65	18.75	18.62	13.347	13.347	13.347			

Band 71_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPR (dB)	
Channel 133297 133297 133297									
Frequency (MHz)									
20	QPSK	1	0	23.15	23.15	23.15	23.4	0	
20	QPSK	1	49	23.12	23.18	23.09			
20	QPSK	1	99	22.83	22.92	22.83	22.4	1	
20	QPSK	1	149	22.80	22.83	22.80			
20	QPSK	50	24	22.21	22.21	22.08	22.4	1	
20	QPSK	50	74	21.92	21.94	21.83			
20	QPSK	100	124	21.98	21.98	21.85	22.4	1	
20	QPSK	100	174	22.22	22.28	22.10			
20	QPSK	150	224	22.28	22.35	22.15	21.4		
20	QPSK	150	274	21.91	21.92	21.87			
20	QPSK	50	0	21.01	21.02	20.97	20.4	3	
20	QPSK	50	24	20.81	20.87	20.77			
20	QPSK	50	74	20.82	20.83	20.79	18.4	5	
20	QPSK	50	124	20.89	20.98	20.83			
20	QPSK	50	174	20.89	20.98	20.83	18.4	5	
20	QPSK	50	224	20.89	20.98	20.83			
20	QPSK	100	0	20.97	21.03	21.03	20.4	3	
20	QPSK	100	50	20.86	20.99	20.89			
20	QPSK	100	100	20.86	20.99	20.89	18.4	5	
20	QPSK	100	150	20.86	20.99	20.89			
20	QPSK	100	200	20.86	20.99	20.89	18.4	5	
20	QPSK	100	250	20.86	20.99	20.89			
20	QPSK	100	300	20.86	20.99	20.89	18.4	5	
20	QPSK	100	350	20.86	20.99	20.89			
20	QPSK	100	400	20.86	20.99	20.89	18.4	5	
20	QPSK	100	450	20.86	20.99	20.89			
20	QPSK	100	500	20.86	20.99	20.89	18.4	5	
20	QPSK	100	550	20.86	20.99	20.89			
20	QPSK	100	600	20.86	20.99	20.89	18.4	5	
20	QPSK	100	650	20.86	20.99	20.89			
20	QPSK	100	700	20.86	20.99	20.89	18.4	5	
20	QPSK	100	750	20.86	20.99	20.89			
20	QPSK	100	800	20.86	20.99	20.89	18.4	5	
20	QPSK	100	850	20.86	20.99	20.89			
20	QPSK	100	900	20.86	20.99	20.89	18.4	5	
20	QPSK	100	950	20.86	20.99	20.89			
20	QPSK	100	1000	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1050	20.86	20.99	20.89			
20	QPSK	100	1100	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1150	20.86	20.99	20.89			
20	QPSK	100	1200	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1250	20.86	20.99	20.89			
20	QPSK	100	1300	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1350	20.86	20.99	20.89			
20	QPSK	100	1400	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1450	20.86	20.99	20.89			
20	QPSK	100	1500	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1550	20.86	20.99	20.89			
20	QPSK	100	1600	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1650	20.86	20.99	20.89			
20	QPSK	100	1700	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1750	20.86	20.99	20.89			
20	QPSK	100	1800	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1850	20.86	20.99	20.89			
20	QPSK	100	1900	20.86	20.99	20.89	18.4	5	
20	QPSK	100	1950	20.86	20.99	20.89			
20	QPSK	100	2000	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2050	20.86	20.99	20.89			
20	QPSK	100	2100	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2150	20.86	20.99	20.89			
20	QPSK	100	2200	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2250	20.86	20.99	20.89			
20	QPSK	100	2300	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2350	20.86	20.99	20.89			
20	QPSK	100	2400	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2450	20.86	20.99	20.89			
20	QPSK	100	2500	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2550	20.86	20.99	20.89			
20	QPSK	100	2600	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2650	20.86	20.99	20.89			
20	QPSK	100	2700	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2750	20.86	20.99	20.89			
20	QPSK	100	2800	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2850	20.86	20.99	20.89			
20	QPSK	100	2900	20.86	20.99	20.89	18.4	5	
20	QPSK	100	2950	20.86	20.99	20.89			
20	QPSK	100	3000	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3050	20.86	20.99	20.89			
20	QPSK	100	3100	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3150	20.86	20.99	20.89			
20	QPSK	100	3200	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3250	20.86	20.99	20.89			
20	QPSK	100	3300	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3350	20.86	20.99	20.89			
20	QPSK	100	3400	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3450	20.86	20.99	20.89			
20	QPSK	100	3500	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3550	20.86	20.99	20.89			
20	QPSK	100	3600	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3650	20.86	20.99	20.89			
20	QPSK	100	3700	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3750	20.86	20.99	20.89			
20	QPSK	100	3800	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3850	20.86	20.99	20.89			
20	QPSK	100	3900	20.86	20.99	20.89	18.4	5	
20	QPSK	100	3950	20.86	20.99	20.89			
20	QPSK	100	4000	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4050	20.86	20.99	20.89			
20	QPSK	100	4100	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4150	20.86	20.99	20.89			
20	QPSK	100	4200	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4250	20.86	20.99	20.89			
20	QPSK	100	4300	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4350	20.86	20.99	20.89			
20	QPSK	100	4400	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4450	20.86	20.99	20.89			
20	QPSK	100	4500	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4550	20.86	20.99	20.89			
20	QPSK	100	4600	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4650	20.86	20.99	20.89			
20	QPSK	100	4700	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4750	20.86	20.99	20.89			
20	QPSK	100	4800	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4850	20.86	20.99	20.89			
20	QPSK	100	4900	20.86	20.99	20.89	18.4	5	
20	QPSK	100	4950	20.86	20.99	20.89			
20	QPSK	100	5000	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5050	20.86	20.99	20.89			
20	QPSK	100	5100	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5150	20.86	20.99	20.89			
20	QPSK	100	5200	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5250	20.86	20.99	20.89			
20	QPSK	100	5300	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5350	20.86	20.99	20.89			
20	QPSK	100	5400	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5450	20.86	20.99	20.89			
20	QPSK	100	5500	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5550	20.86	20.99	20.89			
20	QPSK	100	5600	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5650	20.86	20.99	20.89			
20	QPSK	100	5700	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5750	20.86	20.99	20.89			
20	QPSK	100	5800	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5850	20.86	20.99	20.89			
20	QPSK	100	5900	20.86	20.99	20.89	18.4	5	
20	QPSK	100	5950	20.86	20.99	20.89			
20	QPSK	100	6000	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6050	20.86	20.99	20.89			
20	QPSK	100	6100	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6150	20.86	20.99	20.89			
20	QPSK	100	6200	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6250	20.86	20.99	20.89			
20	QPSK	100	6300	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6350	20.86	20.99	20.89			
20	QPSK	100	6400	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6450	20.86	20.99	20.89			
20	QPSK	100	6500	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6550	20.86	20.99	20.89			
20	QPSK	100	6600	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6650	20.86	20.99	20.89			
20	QPSK	100	6700	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6750	20.86	20.99	20.89			
20	QPSK	100	6800	20.86	20.99	20.89	18.4	5	
20	QPSK	100	6850						

Band 38_Ant 4														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [F/Hz]	Power Mide Ch. [F/Hz]	Power High Ch. [F/Hz]	Turnup time [min]	MPR [dB]						
Channel														
Frequency (MHz)				37650	38500	38150								
				2560	2560	2560								
20	QPSK	1	0	19.79	19.82	19.71	20.5	0						
20	QPSK	1	49	19.71	19.80	19.87								
20	QPSK	1	99	19.63	19.83	19.77								
20	QPSK	50	24	19.77	19.74	19.72								
20	QPSK	50	50	19.71	19.76	19.69								
20	QPSK	100	0	19.78	19.74	19.71	20.5	0						
20	HQAM	1	0	19.83	19.82	19.72								
20	HQAM	1	49	19.81	19.77	19.76								
20	HQAM	1	99	19.77	19.87	19.86								
20	HQAM	50	0	19.79	19.85	19.79								
20	HQAM	50	24	19.73	19.75	19.67	20.5	0						
20	HQAM	100	0	19.75	19.75	19.72								
20	HQAM	100	0	19.75	19.87	19.71								
20	HQAM	1	49	19.79	19.85	19.72								
20	HQAM	1	99	19.76	19.78	19.67								
20	HQAM	50	0	19.84	19.87	19.77	20.5	0						
20	HQAM	50	24	19.82	19.83	19.85								
20	HQAM	100	0	19.77	19.83	19.77								
20	HQAM	100	0	19.72	19.30	19.17								
20	HQAM	1	0	19.83	19.83	19.82								
Frequency (MHz)				26175	25950	26175	Turnup time [min]	MPR [dB]						
15	QPSK	1	0	19.81	19.86	19.66	20.5	0						
15	QPSK	1	37	19.64	19.78	19.56								
15	QPSK	1	74	19.68	19.69	19.52								
15	QPSK	36	0	19.79	19.81	19.70								
15	QPSK	36	20	19.79	19.76	19.65								
15	QPSK	75	0	19.69	19.69	19.56	20.5	0						
15	QPSK	75	0	19.69	19.59	19.75								
15	HQAM	1	0	19.70	19.67	19.63								
15	HQAM	1	37	19.62	19.65	19.53								
15	HQAM	1	74	19.63	19.58	19.54								
15	HQAM	36	0	19.78	19.79	19.65	20.5	0						
15	HQAM	36	20	19.62	19.81	19.53								
15	HQAM	75	0	19.69	19.65	19.59								
15	HQAM	75	0	19.68	19.70	19.66								
15	HQAM	36	20	19.78	19.76	19.62								
15	HQAM	1	37	19.78	19.73	19.66	20.5	0						
15	HQAM	1	74	19.72	19.74	19.62								
15	HQAM	36	0	19.71	19.85	19.73								
15	HQAM	36	20	19.77	19.78	19.70								
15	HQAM	75	0	19.62	19.76	19.69								
15	25QAM	1	0	19.23	19.26	19.09	20	0.5						
15	25QAM	1	37	19.25	19.26	19.15								
15	25QAM	1	74	19.21	19.16	19.15								
15	25QAM	36	0	19.18	19.39	19.25								
15	25QAM	36	20	19.25	19.35	19.15								
15	25QAM	36	39	19.22	19.29	19.13	20	0.5						
15	25QAM	75	0	19.23	19.26	19.14								
Channel														
Frequency (MHz)														
10	QPSK	1	0	20.75	20.85	20.15	20.5	0						
10	QPSK	1	12	20.73	20.72	20.69								
10	QPSK	1	49	20.63	20.68	20.53								
10	QPSK	25	0	20.74	20.68	20.66								
10	QPSK	25	12	20.68	20.73	20.70								
10	QPSK	25	25	20.69	20.66	20.58	20.5	0						
10	QPSK	50	0	20.67	20.67	20.59								
10	QPSK	50	0	20.69	20.73	20.69								
10	QPSK	50	25	20.69	20.62	20.63								
10	HQAM	1	25	20.54	20.79	20.51								
10	HQAM	1	25	20.67	20.73	20.69	20.5	0						
10	HQAM	25	0	20.67	20.68	20.79								
10	HQAM	25	12	20.60	20.81	20.62								
10	HQAM	25	25	20.57	20.72	20.71								
10	HQAM	50	0	20.72	20.72	20.68								
10	HQAM	1	0	20.76	20.75	20.76	20	1						
10	HQAM	1	25	20.67	20.69	20.67								
10	HQAM	1	49	20.74	20.59	20.65								
10	HQAM	25	0	20.70	19.92	19.71								
10	HQAM	25	12	19.85	19.70	19.72								
10	HQAM	25	25	19.67	19.72	19.72	19	2						
10	25QAM	1	0	17.61	17.44	17.45								
10	25QAM	1	25	17.60	17.72	17.64								
10	25QAM	25	0	17.62	17.62	17.57								
10	25QAM	25	12	17.75	17.67	17.54								
10	25QAM	50	0	17.73	17.63	17.50	19	2						
Channel														
Frequency (MHz)														
5	QPSK	1	0	20.85	20.79	20.72	21	0						
5	QPSK	1	12	20.70	20.72	20.69								
5	QPSK	1	24	20.62	20.73	20.72								
5	QPSK	12	0	20.73	20.74	20.67								
5	QPSK	12	7	20.67	20.67	20.67								
5	QPSK	25	0	20.57	20.68	20.59	21	0						
5	HQAM	1	0	20.69	20.70	20.69								
5	HQAM	1	12	20.66	20.68	20.67								
5	HQAM	1	24	20.63	20.76	20.59								
5	HQAM	12	7	20.71	20.78	20.68								
5	HQAM	12	13	20.58	20.73	20.72	20	1						
5	HQAM	25	0	20.62	20.70	20.76								
5	HQAM	1	0	20.74	20.69	20.65								
5	HQAM	1	12	20.67	20.63	20.60								
5	HQAM	1	24	20.70	20.62	20.70								
5	HQAM	12	0	19.81	19.84	19.74	20	1						
5	HQAM	12	7	19.83	19.78	19.77								
5	HQAM	12	13	19.65	19.70	19.71								
5	HQAM	25	0	19.82	19.82	19.77								
5	HQAM	25	0	19.82	19.82	19.77								
5	25QAM	1	0	17.52	17.42	17.45	19	2						
5	25QAM	1	12	17.53	17.74	17.57								
5	25QAM	1	24	17.52	17.63	17.47								
5	25QAM	12	0	17.52	17.62	17.47								
5	25QAM	12	7	17.68	17.54	17.59								
5	25QAM	12	13	17.69	17.75	17.75	19	2						
5	25QAM	25	0	17.61	17.60	17.53								

Band 38_Ant 6		
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Band 41_Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Turn-on time (dBm)	MFR (dB)	
				Ch1/Freq	Ch2/Freq	Ch3/Freq	Ch4/Freq	Ch5/Freq	Ch6/Freq			
Channel				36705	40165	40260	41050	41455	41465			
Frequency (MHz)				2564	2564	2563	2563	2563	2563			
30	QPSK	1	0	18.82	18.82	18.82	18.82	18.72	18.62	17.2	0	
20	QPSK	1	40	18.88	18.84	18.84	18.83	18.63	18.52			
20	QPSK	1	80	18.82	18.86	18.86	18.85	18.65	18.54			
20	QPSK	50	24	18.82	18.81	18.83	18.83	18.63	18.59	17.2	0	
20	QPSK	50	50	18.79	18.81	18.85	18.87	18.67	18.59			
20	QPSK	50	76	18.78	18.83	18.86	18.88	18.68	18.64			
20	HQAM	1	0	18.83	18.82	18.96	18.95	18.63	18.61			
20	HQAM	1	40	18.81	18.80	18.94	18.98	18.61	18.57	17.2	0	
20	HQAM	1	80	18.78	18.83	18.96	18.98	18.64	18.64			
20	HQAM	50	0	18.90	18.92	18.96	18.96	18.59	18.59			
20	HQAM	50	24	18.90	18.84	18.83	18.77	18.57	18.57	17.2	0	
20	HQAM	50	50	18.90	18.78	18.89	18.92	18.57	18.57			
20	HQAM	100	0	18.94	18.92	18.84	18.70	18.55	18.55			
20	HQAM	100	40	18.92	18.88	18.83	18.74	18.54	18.54	17.2	0	
20	HQAM	1	40	18.87	18.84	18.90	18.74	18.53	18.53			
20	HQAM	1	76	18.83	18.78	18.96	18.87	18.50	18.50			
20	HQAM	1	112	18.80	18.78	18.96	18.87	18.50	18.50			
20	HQAM	50	24	18.91	18.81	18.96	18.75	18.62	18.62	17.2	0	
20	HQAM	50	50	18.81	18.84	18.87	18.75	18.60	18.60			
20	HQAM	50	76	18.82	18.85	18.87	18.74	18.59	18.59	17.2	0	
20	HQAM	100	0	18.88	18.78	18.96	18.72	18.62	18.62			
20	HQAM	100	40	18.81	18.83	18.88	18.76	18.58	18.58			
20	HQAM	100	76	18.82	18.85	18.87	18.74	18.59	18.59	17.2	0	
20	HQAM	50	0	18.83	18.89	18.93	18.64	18.51	18.51			
20	HQAM	50	24	18.82	18.80	18.93	18.74	18.59	18.59			
20	HQAM	50	50	18.92	18.86	18.93	18.74	18.59	18.59	17.2	0	
20	HQAM	100	0	18.90	18.88	18.93	18.70	18.55	18.55			
Channel				2563.5	2564.5	2563.5	2563.5	2563.5	2563.5	Turn-on time (dBm)	MFR (dB)	
Frequency (MHz)				2563.5	2564.5	2563.5	2563.5	2563.5	2563.5			
15	QPSK	1	0	18.88	18.84	18.90	18.67	18.54	18.54	17.2	0	
15	QPSK	1	37	18.90	18.86	18.77	18.64	18.50	18.50			
15	QPSK	1	75	18.87	18.74	18.74	18.64	18.49	18.49			
15	QPSK	36	0	18.85	18.77	18.85	18.61	18.54	18.54			
15	QPSK	36	36	18.86	18.76	18.72	18.53	18.48	18.48			
15	QPSK	36	72	18.85	18.75	18.73	18.53	18.48	18.48			
15	QPSK	76	0	18.88	18.75	18.80	18.62	18.49	18.49			
15	HQAM	1	0	18.73	18.68	18.89	18.87	18.57	18.57			
15	HQAM	1	37	18.73	18.67	18.71	18.56	18.52	18.52	17.2	0	
15	HQAM	1	75	18.70	18.70	18.74	18.56	18.49	18.49			
15	HQAM	36	0	18.89	18.68	18.82	18.65	18.59	18.59			
15	HQAM	36	36	18.90	18.70	18.86	18.69	18.59	18.59	17.2	0	
15	HQAM	36	72	18.89	18.69	18.84	18.67	18.59	18.59			
15	HQAM	76	0	18.71	18.74	18.77	18.74	18.48	18.48			
15	HQAM	76	36	18.85	18.65	18.80	18.63	18.48	18.48			
15	HQAM	100	0	18.77	18.72	18.81	18.71	18.48	18.48	17.2	0	
15	HQAM	100	37	18.69	18.72	18.88	18.72	18.49	18.49			
15	HQAM	100	75	18.70	18.68	18.86	18.70	18.49	18.49			
15	HQAM	36	36	18.78	18.69	18.69	18.70	18.49	18.49	17.2	0	
15	HQAM	36	72	18.76	18.68	18.79	18.68	18.49	18.49			
15	HQAM	76	0	18.74	18.69	18.78	18.68	18.49	18.49			
15	HQAM	76	36	18.84	18.63	18.82	18.71	18.48	18.48			
15	HQAM	100	0	18.81	18.68	18.80	18.68	18.49	18.49	17.2	0	
Channel				36705	40165	40260	41050	41455	41465	Turn-on time (dBm)	MFR (dB)	
Frequency (MHz)				2564	2564	2563	2563	2563	2563			
30	QPSK	1	0	18.82	18.82	18.82	18.82	18.72	18.62	17.2	0	
20	QPSK	1	40	18.90	18.74	18.79	18.57	18.55	18.55			
20	QPSK	1	80	18.86	18.71	18.74	18.58	18.48	18.48			
20	QPSK	50	24	18.82	18.80	18.83	18.83	18.63	18.59	17.2	0	
20	QPSK	50	50	18.72	18.68	18.79	18.58	18.48	18.48			
20	QPSK	50	76	18.73	18.69	18.78	18.56	18.41	18.41			
20	QPSK	1	40	18.78	18.70	18.89	18.63	18.57	18.57			
20	HQAM	1	0	18.70	18.67	18.79	18.59	18.48	18.48	17.2	0	
20	HQAM	1	37	18.71	18.70	18.78	18.58	18.49	18.49			
20	HQAM	1	75	18.68	18.71	18.81	18.70	18.49	18.49			
20	HQAM	50	0	18.89	18.81	18.89	18.59	18.48	18.48			
20	HQAM	50	24	18.70	18.67	18.79	18.59	18.48	18.48	17.2	0	
20	HQAM	50	50	18.79	18.78	18.81	18.70	18.48	18.48			
20	HQAM	50	76	18.78	18.79	18.80	18.70	18.48	18.48			
20	HQAM	100	0	18.93	18.78	18.82	18.61	18.48	18.48	17.2	0	
20	HQAM	100	40	18.78	18.74	18.84	18.63	18.48	18.48			
20	HQAM	100	76	18.79	18.78	18.80	18.70	18.48	18.48			
20	HQAM	50	24	18.82	18.79	18.92	18.70	18.58	18.58	17.2	0	
20	HQAM	50	50	18.69	18.73	18.81	18.69	18.49	18.49			
20	HQAM	50	76	18.70	18.81	18.79	18.69	18.49	18.49			
20	HQAM	100	0	18.78	18.76	18.73	18.63	18.49	18.49	17.2	0	
20	HQAM	100	40	18.70	18.77	18.74	18.73	18.57	18.57			
20	HQAM	100	76	18.70	18.77	18.74	18.73	18.57	18.57			
20	HQAM	50	0	18.76	18.82	18.90	18.59	18.49	18.49	17.2	0	
20	HQAM	50	24	18.70	18.77	18.80	18.69	18.49	18.49			
20	HQAM	50	50	18.76	18.77	18.77	18.66	18.50	18.50	17.2	0	
20	HQAM	50	76	18.73	18.78	18.78	18.67	18.50	18.50			
20	HQAM	100	0	18.79	18.68	18.74	18.71	18.49	18.49	17.2	0	
20	HQAM	100	40	18.61	18.73	18.80	18.69	18.41	18.41			
20	HQAM	100	76	18.77	18.78	18.78	18.68	18.49	18.49	17.2	0	

Band 41 (HPUE_Ant 4)													
RF (MHz)	Modulation	RB Size	RB Offset	Power (mW)	Power (mW)	Power (mW)	Power (mW)	Power (mW)	Power (mW)	Turnup link (dBm)	MPR (dB)		
Channel				39700	40185	40620	41055	41490					
Frequency (MHz)				2567	2567	2567	2567	2567					
20	QPSK	1	0	18.37	18.58	18.61	18.26	18.36		18.8	0		
20	QPSK	1	90	18.49	18.52	18.58	18.33	18.39					
20	QPSK	50	24	18.42	18.50	18.58	18.31	18.31					
20	QPSK	50	90	18.39	18.46	18.53	18.32	18.29		18.8	0		
20	QPSK	50	180	18.47	18.48	18.50	18.30	18.31					
20	HQAM	1	0	18.45	18.58	18.58	18.30	18.43					
20	HQAM	1	40	18.44	18.50	18.54	18.30	18.40		18.8	0		
20	HQAM	1	80	18.47	18.48	18.50	18.30	18.31					
20	HQAM	50	0	18.37	18.54	18.53	18.30	18.29					
20	HQAM	50	40	18.45	18.50	18.50	18.30	18.35		18.8	0		
20	HQAM	50	80	18.45	18.50	18.50	18.30	18.35					
20	HQAM	100	0	18.36	18.52	18.55	18.38	18.43					
20	HQAM	100	40	18.45	18.50	18.50	18.30	18.35		18.8	0		
20	HQAM	1	40	18.39	18.48	18.52	18.40	18.43					
20	HQAM	1	90	18.47	18.50	18.53	18.36	18.39					
20	HQAM	1	140	18.43	18.53	18.53	18.36	18.39					
20	HQAM	50	24	18.42	18.53	18.54	18.33	18.37		18.8	0		
20	HQAM	50	90	18.36	18.50	18.51	18.38	18.38					
20	HQAM	50	140	18.37	18.51	18.53	18.38	18.37		18.8	0		
20	25GSM	1	0	18.41	18.49	18.54	18.36	18.41					
20	25GSM	50	0	18.40	18.52	18.60	18.32	18.30					
20	25GSM	50	40	18.46	18.50	18.50	18.34	18.35		18.8	0		
20	25GSM	50	80	18.49	18.44	18.56	18.34	18.33					
20	25GSM	100	0	18.38	18.56	18.55	18.27	18.30		18.8	0		
Channel				39700	40185	40620	41055	41490					
Frequency (MHz)				2567	2567	2567	2567	2567		Turnup link (dBm)	MPR (dB)		
15	QPSK	1	0	18.47	18.58	18.58	18.29	18.36		18.8	0		
15	QPSK	1	90	18.22	18.46	18.59	18.18	18.19					
15	QPSK	1	40	18.49	18.44	18.44	18.18	18.23					
15	QPSK	36	0	18.37	18.45	18.48	18.32	18.30					
15	QPSK	36	40	18.36	18.42	18.51	18.27	18.31		18.8	0		
15	QPSK	36	80	18.41	18.47	18.47	18.31	18.17					
15	QPSK	70	0	18.35	18.47	18.50	18.25	18.25					
15	HQAM	1	0	18.51	18.57	18.57	18.28	18.31					
15	HQAM	1	36	18.40	18.47	18.49	18.17	18.33		18.8	0		
15	HQAM	1	72	18.32	18.39	18.56	18.38	18.17					
15	HQAM	36	0	18.37	18.45	18.48	18.30	18.28					
15	HQAM	36	20	18.39	18.49	18.47	18.38	18.25					
15	HQAM	36	20	18.34	18.40	18.55	18.31	18.15					
15	HQAM	36	40	18.41	18.41	18.41	18.34	18.40					
15	HQAM	36	80	18.40	18.38	18.48	18.23	18.23					
15	HQAM	1	0	18.24	18.38	18.47	18.28	18.24					
15	HQAM	1	36	18.32	18.47	18.56	18.36	18.36		18.8	0		
15	HQAM	36	0	18.31	18.37	18.43	18.18	18.25					
15	HQAM	36	20	18.36	18.49	18.47	18.35	18.22					
15	HQAM	36	20	18.30	18.46	18.57	18.36	18.36					
15	HQAM	36	40	18.37	18.41	18.54	18.38	18.21					
15	HQAM	36	80	18.38	18.33	18.46	18.41	18.41					
15	25GSM	1	0	18.28	18.50	18.44	18.26	18.27					
15	25GSM	1	72	18.28	18.49	18.45	18.25	18.26					
15	25GSM	1	144	18.34	18.46	18.50	18.36	18.36					
15	25GSM	36	0	18.30	18.52	18.56	18.28	18.18		18.8	0		
15	25GSM	36	20	18.41	18.42	18.48	18.33	18.31					
15	25GSM	36	40	18.35	18.50	18.44	18.32	18.32					
Channel				39700	40185	40620	41055	41490					
Frequency (MHz)				2567	2567	2567	2567	2567		Turnup link (dBm)	MPR (dB)		
5	QPSK	1	0	18.39	18.52	18.56	18.31	18.41		18.8	0		
5	QPSK	1	12	18.22	18.58	18.58	18.18	18.25					
5	QPSK	1	48	18.35	18.39	18.42	18.28	18.33					
5	QPSK	12	0	18.39	18.54	18.56	18.30	18.26					
5	QPSK	12	7	18.30	18.47	18.52	18.23	18.22					
5	QPSK	12	13	18.31	18.45	18.48	18.28	18.27					
5	QPSK	20	0	18.31	18.44	18.44	18.26	18.34					
5	QPSK	20	12	18.46	18.43	18.43	18.24	18.44					
5	HQAM	1	12	18.42	18.43	18.60	18.21	18.37					
5	HQAM	1	24	18.33	18.45	18.48	18.38	18.25					
5	HQAM	1	48	18.43	18.43	18.43	18.33	18.23					
5	HQAM	12	7	18.35	18.43	18.48	18.38	18.38		18.8	0		
5	HQAM	12	13	18.32	18.41	18.55	18.33	18.21					
5	HQAM	12	19	18.42	18.45	18.50	18.38	18.32					
5	HQAM	12	25	18.42	18.45	18.50	18.38	18.32					
5	HQAM	1	12	18.26	18.34	18.38	18.38	18.22					
5	HQAM	12	0	18.28	18.37	18.40	18.28	18.29		18.8	0		
5	HQAM	12	13	18.28	18.37	18.43	18.28	18.29					
5	HQAM	12	19	18.33	18.37	18.42	18.31	18.32					
5	25GSM	1	24	18.32	18.46	18.51	18.31	18.33					
5	25GSM	1	48	18.48	18.43	18.43	18.25	18.25					
5	25GSM	12	7	18.25	18.51	18.59	18.29	18.21		18.8	0		
5	25GSM	12	13	18.36	18.41	18.48	18.31	18.15					

Band 41_Ant 6												
RF/Type	Modulation	RB Size	RB Freq Offset	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Time-up Int. (min)	MPE (dB)	
Channel	Frequency (MHz)			39750	40000	40250	40500	40750	41000			
20	QPSK	1		18.74	19.34	19.42	19.20	18.98		19.7	0	
20	QPSK	1	89	18.78	19.40	19.34	19.12	18.98				
20	QPSK	1	168	18.82	19.44	19.38	19.16	19.02				
20	QPSK	50	24	18.80	19.36	19.36	19.12	18.92		19.7	0	
20	QPSK	50	90	18.83	19.37	19.38	19.12	18.96				
20	QPSK	50	144	18.84	19.38	19.38	19.12	18.96				
20	HQPSK	1	6	18.75	19.37	19.40	19.12	18.94				
20	HQPSK	1	49	18.80	19.38	19.34	19.08	18.94		19.7	0	
20	HQPSK	1	98	18.76	19.28	19.38	19.12	18.97				
20	HQPSK	50	0	18.81	19.35	19.36	19.12	18.97				
20	HQPSK	50	24	18.83	19.37	19.32	19.12	18.90		19.7		
20	HQPSK	100	0	18.78	19.31	19.42	19.15	18.90				
20	HQPSK	100	49	18.82	19.36	19.32	19.12	18.90				
20	HQPSK	1	49	18.77	19.32	19.43	19.11	18.95		19.7		
20	HQPSK	1	98	18.78	19.31	19.43	19.15	18.95				
20	HQPSK	50	0	18.85	19.38	19.32	19.12	18.94				
20	HQPSK	50	24	18.81	19.26	19.43	19.20	18.92		19.7	0	
20	HQPSK	50	90	18.84	19.39	19.37	19.08	18.94				
20	HQPSK	50	144	18.85	19.38	19.38	19.12	18.94				
20	SSB/IM	1	0	17.12	17.48	17.58	17.57	17.58		18.3	1.4	
20	SSB/IM	1	49	17.14	17.49	17.57	17.50	17.52				
20	SSB/IM	1	98	17.15	17.55	17.56	17.51	17.54				
20	SSB/IM	50	0	16.96	17.46	17.58	17.52	17.47				
20	SSB/IM	50	24	16.97	17.47	17.58	17.52	17.47				
20	SSB/IM	50	90	17.02	17.38	17.54	17.49	17.51		18.3	1.4	
20	SSB/IM	100	0	16.95	17.42	17.54	17.39	17.39				
20	SSB/IM	100	49	16.96	17.43	17.54	17.39	17.39				
20	SSB/IM	1	49	16.95	17.42	17.54	17.39	17.39				
20	SSB/IM	1	98	16.96	17.43	17.54	17.39	17.39				
15	QPSK	1	6	18.72	19.30	19.33	19.20	18.95				
15	QPSK	1	27	18.70	19.24	19.38	19.10	18.90		19.7	0	
15	QPSK	1	48	18.74	19.28	19.32	19.10	18.94				
15	QPSK	36	0	18.69	19.28	19.31	19.20	18.95				
15	QPSK	36	26	18.79	19.28	19.33	19.03	18.85		19.7	0	
15	QPSK	36	47	18.78	19.24	19.33	19.03	18.85				
15	QPSK	78	0	18.78	19.24	19.28	19.20	18.91				
15	QPSK	78	27	18.75	19.27	19.32	19.03	18.87				
15	HQPSK	1	27	18.72	19.24	19.35	19.00	18.85		19.7	0	
15	HQPSK	1	74	18.65	19.18	19.37	19.07	18.90				
15	HQPSK	1	95	18.70	19.23	19.32	19.07	18.90				
15	HQPSK	36	0	18.72	19.26	19.34	19.08	18.93				
15	HQPSK	36	26	18.77	19.11	19.29	19.01	18.82		19.7	0	
15	HQPSK	36	47	18.68	19.23	19.32	19.03	18.85				
15	HQPSK	78	0	18.68	19.26	19.30	18.83	18.93				
15	HQPSK	1	27	16.88	19.30	19.36	19.01	18.86		19.7	0	
15	HQPSK	1	74	16.88	19.30	19.36	19.01	18.86				
15	HQPSK	36	0	16.77	19.22	19.17	19.06	18.97				
15	HQPSK	36	26	16.86	19.20	19.28	19.05	18.93		19.7	0	
15	HQPSK	36	47	16.78	19.22	19.30	19.03	18.85				
15	HQPSK	78	0	16.71	19.14	19.28	19.05	18.85				
15	HQPSK	1	27	16.88	19.46	19.37	19.03	18.88				
15	SSB/IM	1	27	17.07	17.51	17.57	17.49	17.38		18.3	1.4	
15	SSB/IM	1	74	17.04	17.57	17.58	17.56	17.55				
15	SSB/IM	1	95	17.05	17.58	17.59	17.54	17.53				
15	SSB/IM	36	0	16.92	17.38	17.66	17.51	17.35		18.3	1.4	
15	SSB/IM	36	26	17.01	17.29	17.47	17.47	17.50				
15	SSB/IM	36	47	16.83	17.49	17.53	17.37	17.21				
10	QPSK	1		19.005	19.400	19.650	19.800	19.850				
10	QPSK	1	2601	19.547	20.055	20.303	20.455			Time-up Int. (min)	MPE (dB)	
10	QPSK	1	5201	19.547	20.055	20.303	20.455					
10	QPSK	1	7801	19.547	20.055	20.303	20.455					
10	QPSK	1	10401	19.547	20.055	20.303	20.455					
10	QPSK	1	13001	19.547	20.055	20.303	20.455					
10	QPSK	1	15601	19.547	20.055	20.303	20.455					
10	QPSK	1	18201	19.547	20.055	20.303	20.455					
10	QPSK	1	20801	19.547	20.055	20.303	20.455					
10	QPSK	1	23401	19.547	20.055	20.303	20.455					
10	QPSK	1	26001	19.547	20.055	20.303	20.455					
10	QPSK	1	28601	19.547	20.055	20.303	20.455					
10	QPSK	1	31201	19.547	20.055	20.303	20.455					
10	QPSK	1	33801	19.547	20.055	20.303	20.455					
10	QPSK	1	36401	19.547	20.055	20.303	20.455					
10	QPSK	1	39001	19.547	20.055	20.303	20.455					
10	QPSK	1	41601	19.547	20.055	20.303	20.455					
10	QPSK	1	44201	19.547	20.055	20.303	20.455					
10	QPSK	1	46801	19.547	20.055	20.303	20.455					
10	QPSK	1	49401	19.547	20.055	20.303	20.455					
10	QPSK	1	52001	19.547	20.055	20.303	20.455					
10	QPSK	1	54601	19.547	20.055	20.303	20.455					
10	QPSK	1	57201	19.547	20.055	20.303	20.455					
10	QPSK	1	59801	19.547	20.055	20.303	20.455					
10	QPSK	1	62401	19.547	20.055	20.303	20.455					
10	QPSK	1	65001	19.547	20.055	20.303	20.455					
10	QPSK	1	67601	19.547	20.055	20.303	20.455					
10	QPSK	1	70201	19.547	20.055	20.303	20.455					
10	QPSK	1	72801	19.547	20.055	20.303	20.455					
10	QPSK	1	75401	19.547	20.055	20.303	20.455					
10	QPSK	1	78001	19.547	20.055	20.303	20.455					
10	QPSK	1	80601	19.547	20.055	20.303	20.455					
10	QPSK	1	83201	19.547	20.055	20.303	20.455					
10	QPSK	1	85801	19.547	20.055	20.303	20.455					
10	QPSK	1	88401	19.547	20.055	20.303	20.455					
10	QPSK	1	91001	19.547	20.055	20.303	20.455					
10	QPSK	1	93601	19.547	20.055	20.303	20.455					
10	QPSK	1	96201	19.547	20.055	20.303	20.455					
10	QPSK	1	98801	19.547	20.055	20.303	20.455					
10	QPSK	1	101401	19.547	20.055	20.303	20.455					
10	QPSK	1	104001	19.547	20.055	20.303	20.455					
10	QPSK	1	106601	19.547	20.055	20.303	20.455					
10	QPSK	1	109201	19.547	20.055	20.303	20.455					
10	QPSK	1	111801	19.547	20.055	20.303	20.455					
10	QPSK	1	114401	19.547	20.055	20.303	20.455					
10	QPSK	1	117001	19.547	20.055	20.303	20.455					
10	QPSK	1	119601	19.547	20.055	20.303	20.455					
10	QPSK	1	122201	19.547	20.055	20.303	20.455					
10	QPSK	1	124801	19.547	20.055	20.303	20.455					
10	QPSK	1	127401	19.547	20.055	20.303	20.455					
10	QPSK	1	130001	19.547	20.055	20.303	20.455					
10	QPSK	1	132601	19.547	20.055	20.303	20.455					
10	QPSK	1	135201	19.547	20.055	20.303	20.455					
10	QPSK	1	137801	19.547	20.055	20.303	20.455					
10	QPSK	1	140401	19.547	20.055	20.303	20.455					
10	QPSK	1	143001	19.547	20.055	20.303	20.455					
10	QPSK	1	145601	19.547	20.055	20.303	20.455					
10	QPSK	1	148201	19.547	20.055	20.303	20.455					
10	QPSK	1	150801	19.547	20.055	20.303	20.455					
10	QPSK	1	153401	19.547	20.055	20.303	20.455					
10	QPSK	1	156001	19.547	20.055	20.303	20.455					
10	QPSK	1	158601	19.547	20.055	20.303	20.455					
10	QPSK	1	161201	19.547	20.055	20.303	20.455					
10	QPSK	1	163801	19.547	20.055	20.303	20.455					
10	Q											

Band 41 (HPUE)_Ant 6																															
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch (Freq)	Power Low Ch (Freq)	Power Low Ch (Freq)	Power High Ch (Freq)	Power High Ch (Freq)	Turn-up time (min)	MPR (dB)																					
Channel																															
Frequency (MHz)				39725	40166	40620	41068	41515																							
20	QPSK	1	0	20.82	20.98	21.03	20.95	20.90	21.3	0																					
20	QPSK	1	49	20.71	21.02	21.05	21.00	21.00		21.3	0																				
20	QPSK	1	98	20.88	21.08	21.08	20.98	20.89			21.3	0																			
20	QPSK	50	0	20.82	21.01	21.10	20.89	20.97				21.3	0																		
20	QPSK	50	24	20.79	21.01	21.13	20.86	20.80					21.3	0																	
20	QPSK	50	99	20.77	21.01	21.19	20.82	20.96	21.3	0																					
20	QPSK	100	0	20.73	21.02	21.15	20.95	20.94		21.3	0																				
20	16QAM	1	49	20.71	20.96	21.09	20.89	20.99			21.3	0																			
20	16QAM	1	99	20.77	21.01	21.19	20.92	20.98				21.3		0																	
20	16QAM	50	0	20.75	21.08	21.13	20.91	20.90	21.3	0																					
20	16QAM	50	24	20.74	21.10	21.14	20.87	21.02		21.3	0																				
20	16QAM	100	0	20.75	21.03	21.14	20.94	21.00			21.3		0																		
20	16QAM	100	0	20.75	20.96	21.07	20.90	20.95					21.3	0																	
20	16QAM	1	0	20.77	21.01	21.09	20.94	20.92	21.3	0																					
20	16QAM	1	99	20.86	21.09	21.12	20.91	21.02		21.3	0																				
20	16QAM	50	0	20.72	20.97	21.16	20.90	20.88			21.3	0																			
20	16QAM	50	24	20.80	21.04	21.07	20.88	21.01				21.3		0																	
20	16QAM	50	99	20.71	21.04	21.10	20.88	20.81	19.8	1.5																					
20	256QAM	1	49	19.30	19.25	19.45	19.40	19.23		19.8	1.5																				
20	256QAM	1	99	19.42	19.45	19.46	19.47	19.41			19.8		1.5																		
20	256QAM	50	0	19.42	19.53	19.49	19.52	19.38					19.8	1.5																	
20	256QAM	50	24	19.48	19.38	19.43	19.42	19.37	19.8	1.5																					
20	256QAM	50	99	19.25	19.25	19.40	19.40	19.23		19.8	1.5																				
20	256QAM	100	0	19.51	19.45	19.52	19.44	19.48			19.8	1.5																			
Channel																															
Frequency (MHz)				2556	2549.5	2553	2536.5	2560																							
15	QPSK	1	0	20.73	21.04	21.08	20.96	20.94	21.3	0																					
15	QPSK	1	37	20.86	20.95	20.90	20.94	20.85		21.3	0																				
15	QPSK	1	74	20.96	20.96	21.00	20.96	20.78			21.3	0																			
15	QPSK	36	0	20.87	20.96	21.04	20.94	20.80				21.3	0																		
15	QPSK	36	20	20.85	20.91	21.00	20.86	20.95					21.3	0																	
15	QPSK	75	0	20.70	20.84	21.05	20.87	20.88	21.3	0																					
15	16QAM	1	0	20.71	20.92	20.95	20.78	20.88	21.3	0																					
15	16QAM	1	37	20.75	20.91	20.91	20.81	20.80	21.3	0																					
15	16QAM	1	74	20.95	20.88	21.00	20.91	20.91	21.3	0																					
15	16QAM	36	0	20.88	21.04	21.11	20.80	20.75	21.3	0																					
15	16QAM	36	20	20.78	20.88	20.90	20.78	20.80	21.3	0																					
15	16QAM	36	36	20.88	20.91	21.04	20.85	20.86	21.3	0																					
15	16QAM	75	0	20.70	20.89	21.08	20.87	20.81	21.3	0																					
15	16QAM	75	0	20.74	20.89	21.03	20.89	20.81	21.3	0																					
15	16QAM	1	37	20.96	20.97	20.97	20.87	20.91	21.3	0																					
15	16QAM	1	37	20.96	20.97	20.97	20.87	20.91	21.3	0																					
15	16QAM	36	0	20.80	20.88	21.15	20.83	20.86	21.3	0																					
15	16QAM	36	30	20.73	21.03	20.98	20.91	20.89	21.3	0																					
15	16QAM	36	36	20.75	21.05	20.95	20.94	20.87	21.3	0																					
15	16QAM	75	0	20.87	20.98	21.08	20.87	20.81	19.8	1.5																					
15	256QAM	1	0	19.17	19.20	19.36	19.32	19.21	19.8	1.5																					
15	256QAM	1	37	19.28	19.40	19.40	19.30	19.25	19.8	1.5																					
15	256QAM	1	74	19.12	19.20	19.30	19.22	19.26	19.8	1.5																					
15	256QAM	36	0	19.32	19.45	19.34	19.41	19.27	19.8	1.5																					
15	256QAM	36	20	19.38	19.27	19.31	19.34	19.30	19.8	1.5																					
15	256QAM	36	36	19.24	19.18	19.24	19.28	19.33	19.8	1.5																					
15	256QAM	75	0	19.36	19.42	19.43	19.31	19.42	19.8	1.5																					
Channel																															
Frequency (MHz)				39700	40160	40620	41080	41540																							
10	QPSK	1	0	20.81	20.87	20.93	20.93	20.95	21.3	0																					
10	QPSK	1	49	20.72	20.97	21.03	20.92	20.90		21.3	0																				
10	QPSK	1	98	20.87	20.98	21.03	20.87	20.81			21.3	0																			
10	QPSK	25	0	20.77	21.02	21.13	20.88	20.92				21.3	0																		
10	QPSK	25	49	20.86	20.98	21.11	20.81	20.83					21.3	0																	
10	QPSK	25	12	20.86	20.98	21.11	20.81	20.83						21.3	0																
10	QPSK	25	25	20.86	20.93	21.10	20.79	20.79							21.3	0															
10	QPSK	50	0	20.88	20.89	21.04	20.97	20.84								21.3	0														
10	16QAM	1	49	20.75	20.91	21.02	20.84	20.87									21.3	0													
10	16QAM	1	25	20.73	20.95	20.97	20.83	20.80										21.3	0												
10	16QAM	25	0	20.80	21.01	21.08	20.84	20.87											21.3	0											
10	16QAM	25	25	20.88	21.03	21.09	20.85	20.80												21.3	0										
10	16QAM	25	12	20.82	20.95	21.04	20.80	21.01													21.3	0									
10	16QAM	25	25	20.89	21.01	21.08	20.92	20.95														21.3	0								
10	16QAM	50	0	20.86	20.93	20.98	20.83	20.86															21.3	0							
10	16QAM	1	0	20.84	21.00	20.97	20.92	20.77																21.3	0						
10	16QAM	1	25	20.87	21.06	21.02	20.89	20.89																	21.3	0					
10	16QAM	1	49	20.84	20.83	21.09	20.92	20.79																		21.3	0				
10	16QAM	25	0	20.87	20.89	21.10	20.79	20.94																			21.3	0			
10	16QAM	25	12	20.89	20.90	20.93	20.80	20.87																				21.3	0		
10	16QAM	25	25	20.75	20.95	21.17	20.87	20.85																					19.8	1.5	
10	256QAM	1	0	19.29	19.15	19.43	19.33	19.15	19.8	1.5																					
10	256QAM	1	24	19.32	19.38	19.39	19.41	19.31		19.8	1.5																				
10	256QAM	12	0	19.42	19.48	19.48	19.41	19.37			19.8	1.5																			
10	256QAM	12	7	19.27	19.52	19.45	19.50	19.30				19.8	1.5																		
10	256QAM	12	13	19.43	19.29	19.28	19.45	19.25					19.8	1.5																	
10	256QAM	25	0	19.25	19.41	19.38	19.28	19.25						19.8	1.5																
10	256QAM	50	0	19.36	19.34	19.40	19.41	19.31	19.8	1.5																					
Channel																															
Frequency (MHz)				2485.5	2484.5	2493	2492.5	2497.5																							
5	QPSK	1	0	20.75	21.02	21.15	20.99	20.90		21.3	0																				
5	QPSK	1	12	20.70	20.98	21.02	20.88	20.94	21.3		0																				
5	QPSK	1	24	20.82	20.97	21.07	20.87	20.77			21.3	0																			
5	QPSK	12	0	20.78	21.02	21.12	20.89	20.91				21.3	0																		
5	QPSK	12	7	20.88	20.87	21.06	20.75	20.82					21.3	0																	
5	QPSK	12	13	21.09	20.98	21.10	20.80	20.88	21.3	0																					
5	QPSK	24	0	20.82	20.94	21.13	20.95	20.92		21.3	0																				
5	QPSK	24	12	20.87	21.02	21.10	20.85	20.88			21.3	0																			
5	QPSK	24	19	20.66	20.90	21.02	20.82	20.88				21.3		0																	
5	16QAM	1	24	20.81	21.13	21.07	20.87	21.03						21.3	0																
5	16QAM	1	37	20.73	20.98	21.10	20.81	20.82							21.3	0															
5	16QAM	12	0	20.89	20.94	21.07	20.86	20.90								21.3	0														
5	16QAM	12	7	20.88	20.99	21.09	20.83	20.91									21.3	0													
5	16QAM	12	13	20.71	21.00	21.04	20.81	20.88										21.3	0												
5	16QAM	1	12	20.84	21.01	21.04	20.85	20.86											21.3	0											
5	16QAM	1	24	20.88	21.02	21.08	20.84	20.87												21.3	0										
5	16QAM	12	0	20.87	20.87	21.07	20.68	20.88													21.3	0									
5	16QAM	12	7	20.75	21.02	21.03	20.77	20.83														21.3	0								
5	16QAM	12	13	20.88	21.02	21.08	20.77	20.84															21.3	0							
5	16QAM	24	0	20.72	20.84	21.07	20.77	20.83																21.3	0						
5	16QAM	24	12	20.83	21.02	21.02	20.77	20.83																	19.8	1.5					
5	256QAM	1	24	19.10	19.23	19.27	19.30	19.24																		19.8	1.5				
5	256QAM	12	0	19.35	19.38	19.40	19.40	19.35																			19.8	1.5			
5	256QAM	12	7	19.33	19.23	19.42	19.28	19.34																				19.8	1.5		
5	256QAM	12	13	19.12	19.28	19.20	19.29	19.27	19.8	1.5																					
5	256QAM	24	0	19.46	19.41	19.45	19.33	19.42		19.8	1.5																				
5	256QAM	24	12	19.25	19.25	19.40	19.40	19.23	19.8		1.5																				
5	256QAM	24	19	19.23	19.23	19.40	19.40	19.23		19.8	1.5																				
5	256QAM	24	24	19.23	19.23	19.40	19.40	19.23	19.8		1.5																				
5	256QAM	24	24	19.23	19.23	19.40	19.40	19.23		19.8	1.5																				
5	256QAM	24	24	19.23	19.23	19.40	19.40	19.23	19.8		1.5																				

Band 41_Ant 5												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power Low Ch (Freq)	Power Low Ch (Freq)	Power High Ch (Freq)	Power High Ch (Freq)	Turn-up time (min)	MPR (dB)		
Channel												
Frequency (MHz)				2556	2549.5	2553	2536.5	2560				
20	QPSK	1	0	18.14	18.25	18.21	17.95	18.15	18.7	0		
20	QPSK	1	49	18.06	18.03	18.17	17.86	18.02		18.7	0	
20	QPSK	50	24	18.08	18.08	18.11	17.90	18.02	18.7	0		
20	QPSK	50	50	18.03	18.08	18.04	17.86	18.05		18.7	0	
20	QPSK	50	75	18.06	18.03	18.17	17.87	18.08	18.7	0		
20	HQDM	1	0	18.12	18.03	18.13	17.84	17.98		18.7	0	
20	HQDM	1	49	18.12	18.03	18.07	17.84	17.86	18.7	0		
20	HQDM	50	24	18.06	18.03	18.17	17.84	17.87		18.7	0	
20	HQDM	50	50	18.11	18.10	18.14	17.88	18.09	18.7	0		
20	HQDM	50	75	18.06	18.08	18.05	17.86	17.85		18.7	0	
20	HQDM	100	0	18.08	18.03	18.13	17.85	18.01	18.7	0		
20	HQDM	100	49	18.04	18.10	18.04	17.84	18.00		18.7	0	
20	HQDM	124	0	18.12	18.08	18.10	17.86	17.84	18.7	0		
20	HQDM	124	49	18.09	18.03	18.13	17.90	18.08		18.7	0	
20	HQDM	1	96	18.09	18.03	18.08	17.87	17.86	18.7	0		
20	HQDM	1	124	18.12	18.08	18.10	17.86	17.84		18.7	0	
20	HQDM	50	24	18.10	18.03	18.13	17.87	17.85	18.7	0		
20	HQDM	50	50	18.06	18.09	18.07	17.86	17.85		18.7	0	
20	HQDM	50	75	18.09	18.03	18.08	17.87	17.86	18.7	0		
20	HQDM	50	96	18.10	18.08	18.08	17.86	17.85		18.7	0	
20	HQDM	50	124	18.10	18.07	18.12	17.86	17.85	18.7	0		
20	HQDM	100	0	18.01	17.99	18.12	17.85	18.09		18.7	0	
Frequency (MHz)				2556	2549.5	2553	2536.5	2560				
15	QPSK	1	0	18.06	18.07	18.18	17.82	18.08	18.7	0		
15	QPSK	1	27	17.98	17.89	18.12	17.75	17.88		18.7	0	
15	QPSK	1	49	18.09	17.92	18.12	17.78	17.87	18.7	0		
15	QPSK	36	0	17.88	17.88	18.03	17.79	18.08		18.7	0	
15	QPSK	36	26	18.01	17.95	17.91	17.71	17.88	18.7	0		
15	QPSK	36	49	17.97	17.95	18.00	17.71	17.88		18.7	0	
15	QPSK	76	0	17.86	17.83	18.05	17.83	17.85	18.7	0		
15	QPSK	76	26	17.93	17.93	18.00	17.78	17.85		18.7	0	
15	HQDM	1	27	18.09	18.00	18.04	17.82	17.83	18.7	0		
15	HQDM	1	49	17.91	17.88	18.13	17.71	17.86		18.7	0	
15	HQDM	36	0	17.88	17.88	18.09	17.72	17.88	18.7	0		
15	HQDM	36	26	17.98	17.98	18.09	17.86	17.88		18.7	0	
15	HQDM	36	49	18.01	17.98	18.03	17.78	17.85	18.7	0		
15	HQDM	76	0	17.88	17.93	18.09	17.89	17.94		18.7	0	
15	HQDM	1	27	17.88	18.03	18.08	17.80	17.81	18.7	0		
15	HQDM	1	49	17.98	17.95	18.03	17.78	17.85		18.7	0	
15	HQDM	36	0	18.00	17.96	18.02	17.88	17.91	18.7	0		
15	HQDM	36	26	17.97	17.96	18.01	17.83	17.84		18.7	0	
15	HQDM	36	49	18.02	17.98	18.05	17.78	17.83	18.7	0		
15	HQDM	76	0	17.88	18.00	17.95	17.82	17.85		18.7	0	
15	HQDM	76	26	17.95	17.97	17.92	17.75	17.82	18.7	0		
15	HQDM	124	0	17.85	17.88	18.00	17.89	17.87		18.7	0	
15	HQDM	124	26	18.02	17.92	17.98	17.74	17.83	18.7	0		
15	HQDM	124	49	18.03	17.92	17.94	17.78	17.83		18.7	0	
15	HQDM	20	0	18.01	18.04	18.04	17.78	17.88	18.7	0		
15	HQDM	20	26	18.02	17.92	17.94	17.76	17.83		18.7	0	
15	HQDM	20	49	18.06	18.07	18.14	17.76	17.87	18.7	0		
15	HQDM	36	0	18.01	17.98	18.03	17.78	17.88		18.7	0	
15	HQDM	36	26	17.99	17.99	18.10	17.83	17.85	18.7	0		
15	HQDM	36	49	18.01	17.89	18.04	17.78	17.85		18.7	0	
15	HQDM	76	0	17.88	17.98	18.03	17.78	17.83	18.7	0		
15	HQDM	76	26	18.02	17.95	18.03	17.83	17.88		18.7	0	
15	HQDM	76	49	17.99	17.98	18.04	17.78	17.84	18.7	0		
15	HQDM	100	0	18.01	18.02	17.98	17.78	17.84		18.7	0	
15	HQDM	100	26	17.92	17.95	18.03	17.83	17.88	18.7	0		
15	HQDM	100	49	17.99	17.98	18.04	17.78	17.84		18.7	0	
15	HQDM	124	0	18.01	18.02	17.98	17.78	17.84	18.7	0		
15	HQDM	124	26	17.92	17.95	18.03	17.83	17.88		18.7	0	
15	HQDM	124	49	17.99	17.98	18.04	17.78	17.84	18.7	0		
15	HQDM	20	0	18.01	18.02	17.98	17.78	17.84		18.7	0	
15	HQDM	20	26	17.92	17.95	18.03	17.83	17.88	18.7	0		
15	HQDM	20	49	17.99	17.98	18.04	17.78	17.84		18.7	0	
15	HQDM	36	0	18.01	18.02	17.98	17.78	17.84	18.7	0		
15	HQDM	36	26	17.92	17.95	18.03	17.83	17.88		18.7	0	
15	HQDM	36	49	17.99	17.98	18.04	17.78	17.84	18.7	0		
15	HQDM	76	0	18.01	18.02	17.98	17.78	17.84		18.7	0	
15	HQDM	76	26	17.92	17.95	18.03	17.83	17.88	18.7	0		
15	HQDM	76	49	17.99	17.98	18.04	17.78	17.84		18.7	0	
15	HQDM	100	0	18.01	18.02	17.98	17.78	17.84	18.7	0		
15	HQDM	100	26	17.92	17.95	18.03	17.83	17.88		18.7	0	
15	HQDM	100	49	17.99	17.98	18.04	17.78	17.84	18.7	0		
15	HQDM	124	0	18.01	18.02	17.98	17.78	17.84		18.7	0	
15	HQDM	124	26	17.92	17.95	18.03	17.83	17.88	18.7	0		
15	HQDM	124	49	17.99	17.98	18.04	17.78	17.84		18.7	0	
Frequency (MHz)				2556	2549.5	2553	2536.5	2560				
15	QPSK	1	0	18.08	18.03	18.12	17.85	18.09	18.7	0		
15	QPSK	1	12	18.01	17.88	18.06	17.74	17.87		18.7	0	
15	QPSK	1	49	18.02	17.86	18.11	17.74	17.87	18.7	0		
15	QPSK	12	0	17.88	17.88	18.09	17.83	17.92		18.7	0	
15	QPSK	12	27	17.95	17.84	18.07	17.75	17.87	18.7	0		
15	QPSK	12	49	17.87	17.88	18.04	17.78	17.85		18.7	0	
15	QPSK	26	0	18.03	18.00	17.95	17.80	17.93	18.7	0		
15	QPSK	26	26	18.01	17.99	18.00	17.78	17.84		18.7	0	
15	HQDM	1	24	18.06	17.98	18.03	17.73	17.87	18.7	0		
15	HQDM	1	34	17.93	17.92	18.05	17.78	17.83		18.7	0	
15	HQDM	12	0	18.00	17.98	18.03	17.78	17.85	18.7	0		
15	HQDM	12	26	17.91	18.08	18.01	17.86	18.02		18.7	0	
15	HQDM	12	49	17.96	17.90	18.09	17.82	17.87	18.7	0		
15	HQDM	26	0	17.88	17.94	17.98	17.73	17.81		18.7	0	
15	HQDM	26	26	17.97	17.94	17.98	17.78	17.84	18.7	0		
15	HQDM	26	49	17.91	17.88	17.94	17.73	17.80		18.7	0	
15	HQDM	100	0	18.05	18.00	17.92	17.78	17.90	18.7	0		
15	HQDM	100	26	17.97	17.92	18.04	17.82	17.91		18.7	0	
15	HQDM	100	49	17.94	17.98	17.94	17.73	17.79	18.7	0		
15	HQDM	124	0	17.87	17.92	18.04	17.82	17.91		18.7	0	
15	HQDM	124	26	17.91	17.88	17.94	17.73	17.80	18.7	0		
15	HQDM	124	49	17.95	17.93	17.94	17.75	17.89		18.7	0	
15	HQDM	20	0	17.87	17.80	18.07	17.84	17.82	18.7	0		
15	HQDM	20	26	17.92	17.82	17.92	17.75	17.84		18.7	0	
15	HQDM	20	49	17.94	17.92	17.94	17.75	17.89	18.7	0		
15	HQDM	36	0	17.87	17.80	18.07	17.84	17.82		18.7	0	
15	HQDM	36	26	17.92	17.82	17.92	17.75	17.84	18.7	0		
15	HQDM	36	49	17.94	17.92	17.94	17.75	17.89		18.7	0	
15	HQDM	76	0	17.87	17.80	18.07	17.84	17.82	18.7	0		
15	HQDM	76	26	17.92	17.82	17.92	17.75	17.84		18.7	0	
15	HQDM	76	49	17.94	17.92	17.94	17.75	17.89	18.7	0		
15	HQDM	100	0	17.87	17.80	18.07	17.84	17.82		18.7	0	
15	HQDM	100	26	17.92	17.82	17.92	17.75	17.84	18.7	0		
15	HQDM	100	49	17.94	17.92	17.94	17.75	17.89		18.7	0	
15	HQDM	124	0	17.87	17.80	18.07	17.84	17.82	18.7	0		
15	HQDM	124	26	17.92	17.82	17.92	17.75	17.84		18.7	0	
15	HQDM	124	49	17.94	17.92	17.94	17.75	17.89	18.7	0		
15	HQDM	20	0	17.87	17.80	18.07	17.84	17.82		18.7	0	
15	HQDM	20	26	17.92	17.82	17.92	17.75	17.84	18.7	0		
15	HQDM	20	49	17.94	17.92	17.94	17.75	17.89		18.7	0	
15	HQDM	36	0	17.87	17.80	18.07	17.84	17.82	18.7	0		
15	HQDM	36	26	17.92	17.82	17.92	17.75	17.84		18.7		

Band 41_Ant 0													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPR (dB)			
Channel													
Frequency (MHz)													
20	QPSK	1	0	2598	2549.5	2593	2636.5	4160					
20	QPSK	1	49	16.40	16.44	16.46	16.27	16.19	16.7	0			
20	QPSK	1	99	16.38	16.35	16.46	16.23	16.23					
20	QPSK	50	0	16.43	16.43	16.50	16.20	16.31					
20	QPSK	50	24	16.37	16.43	16.40	16.26	16.30	16.7	0			
20	QPSK	50	49	16.42	16.36	16.42	16.27	16.28					
20	QPSK	100	0	16.43	16.46	16.47	16.15	16.24					
20	HQAM	1	0	16.41	16.47	16.49	16.22	16.31					
20	HQAM	1	49	16.38	16.42	16.46	16.26	16.21	16.7	0			
20	HQAM	1	99	16.40	16.46	16.49	16.27	16.24					
20	HQAM	50	0	16.43	16.35	16.46	16.26	16.26					
20	HQAM	50	24	16.38	16.37	16.43	16.22	16.31	16.7	0			
20	HQAM	50	49	16.41	16.36	16.52	16.26	16.18					
20	HQAM	100	0	16.46	16.35	16.50	16.20	16.18					
20	HQAM	1	0	16.42	16.47	16.50	16.24	16.26					
20	HQAM	1	49	16.37	16.39	16.42	16.22	16.22	16.7	0			
20	HQAM	1	99	16.50	16.46	16.50	16.16	16.31					
20	HQAM	50	0	16.43	16.46	16.47	16.14	16.26					
20	HQAM	50	24	16.47	16.46	16.46	16.21	16.31	16.7	0			
20	HQAM	50	49	16.48	16.40	16.47	16.16	16.27					
20	HQAM	100	0	16.41	16.46	16.43	16.16	16.27					
20	25QAM	1	0	16.38	16.31	16.41	16.26	16.30					
20	25QAM	1	49	16.40	16.34	16.39	16.17	16.28	16.7	0			
20	25QAM	1	99	16.50	16.42	16.40	16.25	16.21					
20	25QAM	50	0	16.39	16.34	16.48	16.20	16.29					
20	25QAM	50	24	16.46	16.40	16.48	16.17	16.25	16.7	0			
20	25QAM	50	49	16.48	16.40	16.48	16.20	16.25					
20	25QAM	100	0	16.44	16.36	16.42	16.16	16.18					
Channel													
Frequency (MHz)													
15	QPSK	1	0	2593.5	2546	2593	2637.5	4165					
15	QPSK	1	37	16.30	16.37	16.34	16.18	16.13	16.7	0			
15	QPSK	1	74	16.22	16.24	16.33	16.13	16.18					
15	QPSK	1	36	16.33	16.42	16.37	16.22	16.16					
15	QPSK	36	20	16.32	16.30	16.31	16.19	16.18	16.7	0			
15	QPSK	36	36	16.37	16.24	16.39	16.22	16.24					
15	QPSK	75	0	16.30	16.41	16.40	16.03	16.13					
15	HQAM	1	0	16.28	16.30	16.38	16.24	16.17					
15	HQAM	1	37	16.27	16.27	16.33	16.12	16.13	16.7	0			
15	HQAM	1	74	16.34	16.42	16.41	16.24	16.18					
15	HQAM	36	0	16.32	16.21	16.39	16.25	16.19					
15	HQAM	36	20	16.35	16.36	16.37	16.20	16.20	16.7	0			
15	HQAM	36	36	16.40	16.30	16.50	16.22	16.17					
15	HQAM	75	0	16.33	16.34	16.36	16.16	16.19					
15	HQAM	1	0	16.42	16.42	16.46	16.16	16.19					
15	HQAM	1	37	16.26	16.22	16.36	16.10	16.08	16.7	0			
15	HQAM	1	74	16.37	16.27	16.33	16.10	16.08					
15	HQAM	36	0	16.42	16.25	16.33	16.13	16.24	16.7	0			
15	HQAM	36	20	16.35	16.31	16.41	16.16	16.20					
15	HQAM	36	36	16.34	16.44	16.39	16.11	16.15					
15	HQAM	75	0	16.34	16.22	16.41	16.08	16.11					
Channel													
Frequency (MHz)													
10	QPSK	1	0	2591	2547	2593	2639	4165					
10	QPSK	1	49	16.43	16.43	16.46	16.12	16.23	16.7	0			
10	QPSK	1	99	16.28	16.26	16.38	16.13	16.17					
10	QPSK	25	0	16.38	16.35	16.37	16.14	16.30					
10	QPSK	25	24	16.42	16.34	16.39	16.15	16.20	16.7	0			
10	QPSK	25	25	16.32	16.32	16.39	16.15	16.26					
10	HQAM	1	0	16.39	16.42	16.39	16.04	16.20					
10	HQAM	1	49	16.27	16.36	16.37	16.16	16.12	16.7	0			
10	HQAM	1	25	16.33	16.30	16.43	16.23	16.13	16.7	0			
10	HQAM	25	0	16.30	16.29	16.42	16.17	16.19					
10	HQAM	25	12	16.27	16.28	16.34	16.19	16.24	16.7	0			
10	HQAM	25	13	16.20	16.21	16.37	16.13	16.13					
10	HQAM	50	0	16.37	16.26	16.35	16.14	16.08					
10	HQAM	1	0	16.32	16.37	16.45	16.19	16.13	16.7	0			
10	HQAM	1	25	16.28	16.21	16.37	16.13	16.13					
10	HQAM	1	49	16.46	16.42	16.36	16.08	16.16					
10	HQAM	25	0	16.29	16.37	16.35	16.00	16.15					
10	HQAM	25	12	16.42	16.37	16.39	16.13	16.06	16.7	0			
10	HQAM	25	25	16.43	16.38	16.32	16.15	16.14					
10	HQAM	50	0	16.30	16.27	16.41	16.11	16.16					
10	25QAM	1	0	16.33	16.19	16.29	16.19	16.17	16.7	0			
10	25QAM	1	25	16.44	16.19	16.30	16.08	16.13					
10	25QAM	25	0	16.37	16.20	16.40	16.06	16.25					
10	25QAM	25	12	16.35	16.37	16.40	16.08	16.14	16.7	0			
10	25QAM	25	25	16.28	16.43	16.37	16.16	16.12					
10	25QAM	50	0	16.34	16.24	16.34	16.11	16.14					
Channel													
Frequency (MHz)													
5	QPSK	1	0	16.50	16.39	16.53	16.14	16.19					
5	QPSK	1	12	16.39	16.36	16.45	16.17	16.06	16.7	0			
5	QPSK	1	24	16.31	16.27	16.35	16.13	16.15					
5	QPSK	12	0	16.31	16.46	16.43	16.27	16.26					
5	QPSK	12	7	16.23	16.37	16.35	16.17	16.16	16.7	0			
5	QPSK	12	13	16.31	16.32	16.39	16.12	16.17					
5	QPSK	25	0	16.41	16.44	16.41	16.11	16.20					
5	HQAM	1	0	16.38	16.36	16.38	16.12	16.09					
5	HQAM	1	12	16.21	16.36	16.44	16.11	16.08	16.7	0			
5	HQAM	1	24	16.28	16.38	16.36	16.21	16.13					
5	HQAM	12	0	16.34	16.23	16.39	16.13	16.15					
5	HQAM	12	7	16.36	16.23	16.34	16.13	16.20	16.7	0			
5	HQAM	12	13	16.27	16.23	16.39	16.23	16.11					
5	HQAM	24	0	16.38	16.30	16.46	16.17	16.10					
5	HQAM	1	0	16.41	16.36	16.42	16.16	16.10					
5	HQAM	1	12	16.28	16.21	16.39	16.07	16.12	16.7	0			
5	HQAM	1	24	16.48	16.42	16.38	16.03	16.25					
5	HQAM	12	0	16.34	16.42	16.34	16.03	16.11					
5	HQAM	12	7	16.34	16.43	16.44	16.11	16.19	16.7	0			
5	HQAM	12	13	16.34	16.39	16.37	16.02	16.16					
5	HQAM	25	0	16.40	16.39	16.33	16.05	16.19					
5	25QAM	1	0	16.42	16								

Band 48_Ant 8										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mod Ch / Freq	Power High Ch / Freq	Power High Mod Ch / Freq	Turn-on Time (sec)	MPE (dB)	
Channel				5600	5600	5615	5660			
Frequency (MHz)				3560	3600	3615	3660			
20	QPSK	1	0	19.21	19.04	19.24	19.45	20.3	0	
20	QPSK	1	40	19.44	19.30	19.13	19.35			
20	QPSK	1	80	19.44	19.30	19.12	19.25			
20	QPSK	50	0	19.21	19.46	19.20	19.34	20.3	0	
20	QPSK	50	24	19.44	19.32	19.13	19.27			
20	QPSK	50	50	19.43	19.36	19.11	19.30			
20	QPSK	100	0	19.41	19.42	19.16	19.38	20.3	0	
20	QPSK	100	24	19.43	19.32	19.21	19.38			
20	16QAM	1	40	19.44	19.31	19.15	19.25	20.3	0	
20	16QAM	1	80	19.45	19.36	19.10	19.35			
20	16QAM	50	0	19.42	19.39	19.10	19.35	20.3	0	
20	16QAM	50	24	19.48	19.25	19.15	19.30			
20	16QAM	100	0	19.40	19.27	19.15	19.28	20.3	0	
20	16QAM	100	24	19.46	19.27	19.16	19.35			
20	8QAM	1	0	19.49	19.32	19.23	19.31	20.3	0	
20	8QAM	1	40	19.43	19.25	19.22	19.26			
20	8QAM	1	80	19.40	19.29	19.17	19.35	20.3	0	
20	8QAM	50	0	19.37	19.28	19.23	19.35			
20	8QAM	100	0	19.40	19.26	19.18	19.25	20.3	0	
20	8QAM	100	24	19.45	19.13	19.07	19.31			
20	256QAM	1	40	17.64	18.13	18.14	18.02	18.8	1.5	
20	256QAM	1	80	17.30	18.09	18.00	17.85			
20	256QAM	50	0	18.18	18.14	18.17	18.10	18.8	1.5	
20	256QAM	50	24	18.20	18.14	18.18	18.12			
20	256QAM	100	0	18.16	18.06	18.07	18.04	18.8	1.5	
20	256QAM	100	24	18.14	18.13	18.25	18.14			
Channel				5622.5	5660	5665	5692.5			
Frequency (MHz)				3522.5	3600	3615	3692.5			
15	QPSK	1	0	19.40	19.51	19.11	19.35	20.3	0	
15	QPSK	1	37	19.44	19.23	19.02	19.31			
15	QPSK	1	74	19.30	19.18	19.08	19.14			
15	QPSK	36	0	19.37	19.18	19.08	19.26	20.3	0	
15	QPSK	36	39	19.43	19.18	19.10	19.20			
15	QPSK	75	0	19.27	19.14	19.05	19.21	20.3		0
15	QPSK	75	39	19.33	19.29	19.14	19.37			
15	QPSK	150	0	19.27	19.14	19.05	19.21	20.3	0	
15	16QAM	1	0	19.41	19.27	19.11	19.35			
15	16QAM	1	37	19.39	19.18	19.13	19.14	20.3		0
15	16QAM	1	74	19.34	19.33	19.08	19.21			
15	16QAM	36	0	19.31	19.28	19.09	19.27	20.3	0	
15	16QAM	36	20	19.36	19.17	19.02	19.31			
15	16QAM	36	39	19.48	19.15	19.01	19.27	20.3		0
15	16QAM	75	0	19.30	19.12	19.14	19.25			
15	8QAM	1	0	19.40	19.25	19.18	19.29	20.3	0	
15	8QAM	1	37	19.30	19.22	19.17	19.25			
15	8QAM	1	74	19.34	19.26	19.09	19.25	20.3		0
15	8QAM	36	0	19.30	19.27	19.14	19.24			
15	8QAM	36	20	19.31	19.31	19.11	19.23	20.3	0	
15	8QAM	75	0	19.33	19.33	19.08	19.24			
15	8QAM	75	0	19.38	19.24	19.07	19.15	18.8		1.5
15	256QAM	1	0	18.00	18.07	17.95	17.95			
15	256QAM	1	37	18.02	18.05	17.95	17.95	18.8	1.5	
15	256QAM	1	74	17.77	18.00	17.95	17.79			
15	256QAM	36	0	18.04	18.06	18.02	18.12	18.8	1.5	
15	256QAM	36	20	18.18	18.01	18.10	18.01			
15	256QAM	36	39	18.06	18.23	18.03	18.27	18.8	1.5	
15	256QAM	75	0	18.02	17.99	18.16	18.02			
Channel				5655	56615	56615	56660	Turn-on Time (sec)	MPE (dB)	
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	19.43	19.39	19.20	19.25	20.3	0	
10	QPSK	1	25	19.43	19.39	19.00	19.25			
10	QPSK	1	40	19.30	19.17	19.04	19.10	20.3		0
10	QPSK	25	0	19.32	19.20	19.04	19.27			
10	QPSK	12	0	19.43	19.29	19.20	19.31	20.3	0	
10	QPSK	25	25	19.33	19.21	19.19	19.21			
10	QPSK	50	0	19.32	19.23	19.03	19.34	20.3		0
10	QPSK	50	25	19.36	19.21	19.16	19.35			
10	16QAM	1	25	19.34	19.22	19.01	19.18	20.3	0	
10	16QAM	1	50	19.36	19.21	19.16	19.35			
10	16QAM	25	0	19.30	19.36	19.01	19.20	20.3		0
10	16QAM	25	12	19.40	19.17	19.05	19.35			
10	16QAM	50	0	19.37	19.13	19.12	19.23	20.3	0	
10	8QAM	1	0	19.30	19.23	19.14	19.24			
10	8QAM	1	25	19.38	19.15	19.08	19.23	20.3		0
10	8QAM	1	40	19.31	19.14	19.04	19.34			
10	8QAM	25	0	19.26	19.16	19.17	19.24	20.3	0	
10	8QAM	25	12	19.38	19.24	19.08	19.15			
10	8QAM	50	0	19.35	19.22	19.10	19.20	20.3		0
10	8QAM	50	12	19.35	19.16	19.13	19.19			
10	256QAM	1	0	17.90	18.01	17.95	17.87	18.8	1.5	
10	256QAM	1	25	17.88	18.01	17.89	17.82			
10	256QAM	25	0	18.11	18.00	18.08	18.14	18.8	1.5	
10	256QAM	25	12	18.15	18.08	18.04	18.04			
10	256QAM	50	0	18.06	18.20	18.13	17.87	18.8	1.5	
10	256QAM	50	0	18.12	18.04	18.17	18.02			
Channel				5655	5655	5671.5	5671.5	Turn-on Time (sec)	MPE (dB)	
Frequency (MHz)				3605	3607.5	3642.5	3692.5			
5	QPSK	1	0	19.38	19.48	19.20	19.34	20.3	0	
5	QPSK	1	12	19.32	19.27	19.04	19.25			
5	QPSK	1	24	19.32	19.27	19.04	19.25			
5	QPSK	12	7	19.34	19.26	19.10	19.12	20.3	0	
5	QPSK	12	19	19.21	19.21	19.10	19.12			
5	QPSK	24	0	19.31	19.17	19.01	19.20	20.3		0
5	QPSK	24	12	19.21	19.21	19.10	19.12			
5	16QAM	1	12	19.29	19.25	19.03	19.18	20.3	0	
5	16QAM	1	24	19.35	19.28	19.03	19.28			
5	16QAM	12	19	19.40	19.13	19.09	19.25	20.3		0
5	16QAM	12	19	19.45	19.18	19.05	19.13			
5	16QAM	1	0	19.37	19.18	19.15	19.24	20.3	0	
5	16QAM	1	12	19.33	19.14	19.11	19.13			
5	16QAM	1	24	19.39	19.19	19.12	19.27	20.3		0
5	16QAM	12	0	19.25	19.15	19.22	19.28			
5	16QAM	12	19	19.32	19.24	19.10	19.24	20.3	0	
5	16QAM	12	19	19.37	19.19	19.12	19.27			
5	256QAM	1	12	17.68	18.07	18.01	17.75	18.8		1.5
5	256QAM	1	24	17.85	18.04	17.89	17.72			
5	256QAM	12	19	18.03	18.14	18.00	18.14	18.8	1.5	
5	256QAM	12	19	18.13	18.10	18.11	18.05			
5	256QAM	12	19	18.10	18.10	18.13	17.93	18.8	1.5	
5	256QAM	12	19	18.15	18.10	18.13	17.93			

Reduced Power Mode for DSI 5

GMMO, 10 s		Best Average Performance (%)			Timestep		Firmly-averaged Performance (%)			Timestep	
class 1	class 11	198	198	201	198	201	198	198	201	198	201
Frequency (MHz)		198	201	201	198	201	198	198	201	198	201
GMMO 1 Tx antenna	class 1	33.01	32.40	33.05	34.00	24.01	23.80	23.80	24.00	25.00	25.00
	class 11	29.79	29.81	29.80	29.80	29.79	29.79	29.79	29.79	29.79	29.79
GMMO 3 Tx antenna	class 1	27.98	28.01	28.03	28.20	23.70	23.70	23.70	23.70	24.00	24.00
	class 11	25.79	25.81	25.80	25.80	25.79	25.79	25.79	25.79	25.79	25.79
EDGE(MMSE) 1 Tx antenna	class 1	32.81	32.77	32.85	33.00	23.81	23.77	23.80	23.77	23.84	23.84
	class 11	27.79	27.83	27.82	28.00	23.78	23.83	23.82	23.80	23.80	23.80
EDGE(MMSE) 3 Tx antenna	class 1	27.79	27.83	27.82	28.00	23.78	23.83	23.82	23.80	23.80	23.80
	class 11	26.72	26.77	26.78	26.80	23.72	23.77	23.78	23.78	25.00	25.00
EDGE(MMSE) 4 Tx antenna	class 1	26.72	26.77	26.78	26.80	23.72	23.77	23.78	23.78	25.00	25.00
	class 11	25.77	25.81	25.77	25.80	23.77	23.80	23.77	23.80	23.80	23.80
EDGE(MMSE) 5 Tx antenna	class 1	25.77	25.81	25.77	25.80	23.77	23.80	23.77	23.80	23.80	23.80
	class 11	21.82	22.10	22.47	23.20	17.82	17.80	17.80	18.21	18.34	18.34
EDGE(MMSE) 6 Tx antenna	class 1	21.82	22.10	22.47	23.20	17.82	17.80	17.80	18.21	18.34	18.34
	class 11	20.77	20.85	20.77	20.80	20.77	20.80	20.77	20.80	20.80	20.80
GTM Multi-user class 5	GMMO 1 Tx antenna	29.68	29.68	29.74	31.00	23.68	23.68	23.73	24.00	24.00	24.00
	GMMO 3 Tx antenna	26.80	26.77	26.81	27.00	23.67	23.70	23.65	23.68	23.68	23.68
GTM Multi-user class 9	GMMO 1 Tx antenna	27.88	27.70	27.85	29.20	23.64	23.71	23.70	23.74	23.94	23.94
	GMMO 3 Tx antenna	25.84	25.74	25.83	26.00	21.58	21.71	21.74	22.34	22.34	22.34
GTM Multi-user class 11	GMMO 1 Tx antenna	23.84	23.91	23.86	25.00	21.60	21.70	21.74	22.04	22.04	22.04
	GMMO 3 Tx antenna	21.58	21.50	21.60	22.00	20.59	20.68	20.64	21.94	21.94	21.94
GTM Multi-user class 15	EDGE 1 Tx antenna	21.75	20.24	22.42	25.20	20.59	20.68	20.84	21.94	21.94	21.94
	EDGE 3 Tx antenna	21.75	20.24	22.42	25.20	20.59	20.68	20.84	21.94	21.94	21.94

GSM1000_Air_2		Base Band Average Power (dBm)			Transmit Average Power (dBm)		Transmit Average Power (dBm)	
TX Channel		512	601	810	Time Loss		Time Loss	Time Loss
Frequency (MHz)		1920.0	1920.0	1920.0		1920.0		1920.0
GSM 1 Tx only	26.24	26.00	26.07	27.70	17.74	17.86	17.57	18.70
GSM 2 Tx only	26.83	26.81	26.88	27.70	17.83	17.81	17.66	18.70
GSM 3 Tx only	26.83	26.81	26.88	27.70	17.83	17.81	17.66	18.70
GSM 3 Tx and 4	22.07	22.00	22.07	23.70	18.11	17.74	17.81	18.64
GSM 3 Tx and 5	22.07	22.00	22.07	23.70	18.11	17.74	17.81	18.64
EDGE(GSM) 1 Tx only	26.77	26.78	26.75	27.70	17.77	17.76	17.60	18.44
EDGE(GSM) 2 Tx only	24.17	24.01	24.14	24.70	18.57	18.01	18.14	18.70
EDGE(GSM) 3 Tx only	24.17	24.01	24.14	24.70	18.57	18.01	18.14	18.70
EDGE(GSM) 4 Tx only	20.36	20.48	20.43	21.70	17.35	17.48	17.43	18.70
EDGE(GSM) 5 Tx only	22.57	22.68	22.75	23.80	18.57	18.89	18.75	19.70
EDGE(GSM) 3 Tx and 4	22.57	22.68	22.75	23.80	18.57	18.89	18.75	19.70
EDGE(GSM) 3 Tx and 5	21.83	21.94	21.79	22.80	17.57	17.68	17.53	18.54
EDGE(GSM) 4 Tx only	20.61	20.73	20.70	21.80	17.61	17.73	17.70	18.60
GSM 1 Tx and 4	24.07	24.07	24.11	24.70	18.59	17.99	18.08	18.68
GSM 1 Tx and 5	24.07	24.07	24.11	24.70	18.59	17.99	18.08	18.68
GSM 1 Tx and 6	24.05	23.94	23.89	24.70	18.07	17.94	18.04	18.68
GSM 1 Tx and 7	21.93	21.95	21.94	22.70	17.74	17.67	17.70	18.44
GSM 1 Tx and 8	24.10	24.00	24.00	24.70	17.54	17.48	17.49	18.34
GSM 1 Tx and 9	22.95	22.98	22.96	24.00				
GSM 1 Tx and 10	24.11	24.01	24.01	24.70	17.57	17.43	17.50	18.54
GSM 1 Tx and 11	20.30	20.26	20.30	20.00	17.57	17.43	17.50	18.54
GSM 1 Tx and 12	21.99	21.99	21.99	22.70	17.55	17.83	17.53	18.34

Boxed		HCOVA II, J=6				HCOVA II, J=6			
	TX Channel	5002	5004	5008	Total avg	5002	5004	5008	Total avg
Frequency (MHz)		17.52	17.56	17.60	17.59	17.52	17.56	17.60	17.59
SOPF Rate (Mbps)		17.77	17.78	17.74	17.80	18.08	18.04	18.00	18.36
RAC 32 Qpsk		17.77	17.78	17.74	17.80	18.08	18.04	18.00	18.36
SOPF Rate (Mbps)		18.00	18.00	18.00	18.00	17.99	17.99	17.95	17.98
RAC 16 Qpsk		18.00	18.00	18.00	18.00	17.99	17.99	17.95	17.98
SOPF Rate (Mbps)		18.41	18.41	18.31	17.90	18.02	18.05	18.09	17.80
HCOVA Subcarrier 3		18.41	18.41	18.31	17.90	18.02	18.05	18.09	17.80
SOPF Rate (Mbps)		18.41	18.41	18.31	17.90	18.02	18.05	18.09	17.80
HCOVA Subcarrier 4		18.41	18.41	18.31	17.90	18.02	18.05	18.09	17.80
SOPF Rate (Mbps)		18.41	18.41	18.31	17.90	18.02	18.05	18.09	17.80
DQCHOFDM Subcarrier 3		18.37	18.37	18.09	17.80	17.15	17.23	17.09	17.30
DQCHOFDM Subcarrier 4		18.37	18.37	18.09	17.80	17.15	17.23	17.09	17.30
SOPF Rate (Mbps)		18.37	18.37	18.09	17.80	17.15	17.23	17.09	17.30
DQCHOFDM Subcarrier 5		18.28	18.38	16.17	17.30	18.11	18.04	16.06	17.80
SOPF Rate (Mbps)		18.28	18.38	16.17	17.30	18.11	18.04	16.06	17.80
HCOVA Subcarrier 5		18.28	18.38	16.17	17.30	18.11	18.04	16.06	17.80
SOPF Rate (Mbps)		18.28	18.38	16.17	17.30	18.11	18.04	16.06	17.80
HCOVA Subcarrier 6		18.61	18.54	14.79	17.80	18.28	18.35	17.23	17.30
SOPF Rate (Mbps)		18.61	18.54	14.79	17.80	18.28	18.35	17.23	17.30
HCOVA Subcarrier 7		14.89	14.89	14.79	14.80	15.30	15.30	15.16	15.30
SOPF Rate (Mbps)		14.89	14.89	14.79	14.80	15.30	15.30	15.16	15.30
HCOVA Subcarrier 8		14.89	14.89	14.79	14.80	15.30	15.30	15.16	15.30
SOPF Rate (Mbps)		14.89	14.89	14.79	14.80	15.30	15.30	15.16	15.30
HCOVA Subcarrier 9		14.73	14.89	14.49	14.80	15.24	15.30	15.00	15.40
SOPF Rate (Mbps)		14.73	14.89	14.49	14.80	15.24	15.30	15.00	15.40

[illegible][illegible]

Beam	WCDA V, A/E				Time Log	WCDA V, A/E				Time Log
TX Channel	1312	1343	1513			1312	1343	1513		
TX Power	1312	1343	1513			1312	1343	1513		
Frequency (MHz)	172.64	172.64	172.64		172.64	172.64	172.64			
SOPR Ref	100% 100% 100%	17.88	18.00	17.96	18.00	15.62	15.68	15.54	15.60	
SOPR Ref	100% 100% 100%	17.88	18.00	17.96	18.00	15.62	15.68	15.54	15.60	
SOPR Ref	100% 100% 100%	17.15	18.00	17.03	18.00	14.86	14.83	14.65	14.80	
SOPR Ref	100% 100% 100%	17.15	18.00	17.03	18.00	14.86	14.83	14.65	14.80	
SOPR Ref	100% 100% 100%	16.69	16.42	16.49	17.00	13.05	13.05	13.27	13.45	
SOPR Ref	100% 100% 100%	16.69	16.42	16.49	17.00	13.05	13.05	13.27	13.45	
SOPR Ref	100% 100% 100%	16.69	16.42	16.49	17.00	13.05	13.05	13.27	13.45	
SOPR Ref	100% 100% 100%	16.41	16.43	16.40	17.00	12.48	12.41	12.27	12.60	
SOPR Ref	100% 100% 100%	16.41	16.43	16.40	17.00	12.48	12.41	12.27	12.60	
SOPR Ref	100% 100% 100%	16.41	16.43	16.40	17.00	12.48	12.41	12.27	12.60	
SOPR Ref	100% 100% 100%	15.95	16.00	15.96	16.00	13.79	13.84	13.73	13.60	
SOPR Ref	100% 100% 100%	15.95	16.00	15.96	16.00	13.79	13.84	13.73	13.60	
SOPR Ref	100% 100% 100%	15.95	16.00	15.96	16.00	13.79	13.84	13.73	13.60	
SOPR Ref	100% 100% 100%	15.95	16.00	15.96	16.00	13.79	13.84	13.73	13.60	
SOPR Ref	100% 100% 100%	15.95	16.00	15.96	16.00	13.79	13.84	13.73	13.60	
SOPR Ref	100% 100% 100%	15.95	16.00	15.96	16.00	13.79	13.84	13.73	13.60	
SOPR Ref	100% 100% 100%	14.80	14.84	14.82	15.00	12.75	12.80	12.80	12.91	
SOPR Ref	100% 100% 100%	14.80	14.84	14.82	15.00	12.75	12.80	12.80	12.91	
SOPR Ref	100% 100% 100%	14.80	14.84	14.82	15.00	12.75	12.80	12.80	12.91	
SOPR Ref	100% 100% 100%	14.80	14.84	14.82	15.00	12.75	12.80	12.80	12.91	
SOPR Ref	100% 100% 100%	14.80	14.84	14.82	15.00	12.75	12.80	12.80	12.91	
SOPR Ref	100% 100% 100%	14.72	14.76	14.83	15.00	12.60	12.70	12.60	12.60	
SOPR Ref	100% 100% 100%	14.72	14.76	14.83	15.00	12.60	12.70	12.60	12.60	
SOPR Ref	100% 100% 100%	14.72	14.76	14.83	15.00	12.60	12.70	12.60	12.60	
SOPR Ref	100% 100% 100%	14.72	14.76	14.83	15.00	12.60	12.70	12.60	12.60	
SOPR Ref	100% 100% 100%	14.72	14.76	14.83	15.00	12.60	12.70	12.60	12.60	

Band 2_Ant 4										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-on time (ms)	MPR (dB)		
Channel										
Frequency (MHz)	18700	18800	19100							
20 QPSK	1	0	17.26	17.27	17.43					
20 QPSK	1	49	17.27	17.47	17.26		17.8	0		
20 QPSK	1	99	17.47	17.47	17.34					
20 QPSK	50	0	17.51	17.51	17.31					
20 QPSK	50	24	17.38	17.48	17.31		17.8	0		
20 QPSK	50	50	17.41	17.47	17.32					
20 QPSK	100	0	17.40	17.48	17.35		17.8	0		
20 16QAM	1	0	17.54	17.46	17.41					
20 16QAM	1	49	17.42	17.47	17.32		17.8	0		
20 16QAM	50	0	17.51	17.50	17.35					
20 16QAM	50	24	17.41	17.50	17.29		17.8	0		
20 16QAM	100	0	17.51	17.54	17.31					
20 64QAM	1	0	17.44	17.45	17.30					
20 64QAM	1	49	17.48	17.48	17.30		17.8	0		
20 64QAM	1	99	17.53	17.50	17.32					
20 64QAM	50	0	17.46	17.47	17.35					
20 64QAM	50	24	17.54	17.48	17.42		17.8	0		
20 64QAM	100	0	17.54	17.54	17.35					
20 256QAM	1	0	17.49	17.45	17.35					
20 256QAM	1	49	17.45	17.48	17.28		17.8	0		
20 256QAM	1	99	17.48	17.48	17.30					
20 256QAM	50	0	17.41	17.55	17.29		17.8	0		
20 256QAM	50	24	17.42	17.55	17.35					
20 256QAM	50	50	17.52	17.53	17.37		17.8	0		
20 256QAM	100	0	17.43	17.52	17.35					
Channel										
Frequency (MHz)	18875	18900	18925				Turn-on time (ms)	MPR (dB)		
15 QPSK	1	0	17.43	17.58	17.28					
15 QPSK	1	37	17.35	17.43	17.30		17.8	0		
15 QPSK	1	74	17.45	17.30	17.30					
15 QPSK	50	0	17.42	17.44	17.30					
15 QPSK	36	0	17.40	17.44	17.30					
15 QPSK	36	20	17.23	17.35	17.17		17.8	0		
15 QPSK	36	39	17.35	17.40	17.28					
15 QPSK	75	0	17.37	17.37	17.31					
15 16QAM	1	0	17.52	17.33	17.27					
15 16QAM	1	37	17.48	17.47	17.29		17.8	0		
15 16QAM	1	74	17.27	17.46	17.20					
15 16QAM	36	0	17.47	17.38	17.28					
15 16QAM	36	20	17.32	17.38	17.16		17.8	0		
15 16QAM	36	39	17.41	17.51	17.26					
15 16QAM	75	0	17.46	17.44	17.23					
15 64QAM	1	0	17.43	17.43	17.28					
15 64QAM	1	37	17.39	17.44	17.17		17.8	0		
15 64QAM	1	74	17.44	17.39	17.17					
15 64QAM	36	0	17.49	17.39	17.33					
15 64QAM	36	20	17.32	17.34	17.27		17.8	0		
15 64QAM	36	39	17.40	17.48	17.23					
15 256QAM	1	0	17.40	17.48	17.23					
15 256QAM	1	37	17.42	17.34	17.23		17.8	0		
15 256QAM	1	74	17.35	17.31	17.27					
15 256QAM	36	0	17.36	17.52	17.18		17.8	0		
15 256QAM	36	20	17.39	17.49	17.20					
15 256QAM	36	39	17.37	17.51	17.26					
15 256QAM	75	0	17.42	17.43	17.26					
Channel										
Frequency (MHz)	18850	18900	18950				Turn-on time (ms)	MPR (dB)		
10 QPSK	1	0	17.51	17.45	17.36					
10 QPSK	1	25	17.35	17.41	17.35		17.8	0		
10 QPSK	1	49	17.39	17.45	17.21					
10 QPSK	25	0	17.31	17.38	17.25					
10 QPSK	25	12	17.35	17.40	17.28		17.8	0		
10 QPSK	25	25	17.32	17.36	17.19					
10 QPSK	50	0	17.28	17.39	17.20					
10 QPSK	50	12	17.46	17.35	17.27		17.8	0		
10 16QAM	1	0	17.46	17.35	17.37					
10 16QAM	1	49	17.41	17.41	17.23		17.8	0		
10 16QAM	25	0	17.49	17.37	17.34					
10 16QAM	25	12	17.37	17.47	17.17		17.8	0		
10 16QAM	25	25	17.32	17.45	17.27					
10 16QAM	50	0	17.42	17.39	17.25					
10 16QAM	50	12	17.47	17.39	17.25		17.8	0		
10 16QAM	50	25	17.40	17.44	17.21					
10 16QAM	100	0	17.43	17.43	17.28					
10 64QAM	1	0	17.46	17.39	17.30					
10 64QAM	1	25	17.36	17.43	17.27		17.8	0		
10 64QAM	1	49	17.39	17.38	17.23					
10 64QAM	25	0	17.46	17.41	17.36					
10 64QAM	25	12	17.37	17.38	17.14		17.8	0		
10 64QAM	25	25	17.45	17.39	17.25					
10 64QAM	50	0	17.42	17.40	17.29					
10 256QAM	1	0	17.46	17.38	17.23					
10 256QAM	1	25	17.36	17.43	17.27		17.8	0		
10 256QAM	1	49	17.39	17.38	17.23					
10 256QAM	25	0	17.46	17.41	17.36					
10 256QAM	25	12	17.41	17.50	17.26		17.8	0		
10 256QAM	25	25	17.40	17.48	17.23					
10 256QAM	50	0	17.40	17.50	17.35					
Channel										
Frequency (MHz)	18825	18900	18975				Turn-on time (ms)	MPR (dB)		
5 QPSK	1	0	17.44	17.50	17.33					
5 QPSK	1	12	17.43	17.49	17.35		17.8	0		
5 QPSK	1	24	17.43	17.43	17.35					
5 QPSK	12	0	17.38	17.45	17.32					
5 QPSK	12	7	17.33	17.31	17.19		17.8	0		
5 QPSK	12	13	17.33	17.34	17.21					
5 QPSK	25	0	17.39	17.39	17.20					
5 16QAM	1	0	17.47	17.42	17.40					
5 16QAM	1	12	17.34	17.40	17.21		17.8	0		
5 16QAM	1	24	17.38	17.42	17.18					
5 16QAM	12	0	17.47	17.42	17.20					
5 16QAM	12	7	17.34	17.38	17.28		17.8	0		
5 16QAM	12	13	17.41	17.42	17.32					
5 16QAM	25	0	17.41	17.41	17.28					
5 16QAM	25	12	17.36	17.36	17.23		17.8	0		
5 16QAM	25	24	17.47	17.39	17.18					
5 64QAM	1	0	17.43	17.44	17.41					
5 64QAM	12	0	17.34	17.34	17.28					
5 64QAM	12	13	17.36	17.44	17.19		17.8	0		
5 64QAM	25	0	17.40	17.44	17.34					
5 256QAM	1	0	17.34	17.40	17.15		17.8	0		
5 256QAM	1	24	17.44	17.38	17.39					
5 256QAM	12	0	17.36	17.44	17.26					
5 256QAM	12	7	17.37	17.45	17.29		17.8	0		
5 256QAM	12	13	17.40	17.45	17.28					
5 256QAM	25	0	17.42	17.42	17.23					
Channel										
Frequency (MHz)	18807	18860	18935				Turn-on time (ms)	MPR (dB)		
14 QPSK	1	0	17.42	17.40	17.43					
14 QPSK	1	8	17.39	17.40	17.35		17.8	0		
14 QPSK	1	8	17.42	17.42	17.33					
14 QPSK	8	0	17.38	17.48	17.27		17.8	0		
14 QPSK	8	4	17.37	17.36	17.27					
14 QPSK	8	7	17.35	17.45	17.26		17.8	0		
14 QPSK	8	7	17.35	17.35	17.22					
14 16QAM	1	0	17.53	17.36	17.33					
14 16QAM	1	8	17.36	17.47	17.28		17.8	0		
14 16QAM	8	12	17.39	17.45	17.31					
14 16QAM	8	0	17.42	17.39	17.33					
14 16QAM	8	7	17.36	17.49	17.26		17.8	0		
14 16QAM	8	7	17.38	17.41	17.24					
14 16QAM	15	0	17.45	17.45	17.23					
14 64QAM	1	0	17.39	17.40	17.35					
14 64QAM	1	8	17.33	17.33	17.17		17.8	0		
14 64QAM	1	14	17.52	17.35	17.23					
14 64QAM	8	0	17.50	17.38	17.33					
14 64QAM	8	4	17.38	17.40	17.18		17.8	0		
14 64QAM	8	7	17.39	17.41	17.24					
14 256QAM	1	0	17.43	17.37	17.24					
14 256QAM	1	8	17.45	17.51	17.24		17.8	0		
14 256QAM	1	14	17.44	17.41	17.29					
14 256QAM	8	0	17.36	17.46	17.14		17.8	0		
14 256QAM	8	4	17.37	17.40	17.27					
14 256QAM	8	7	17.39	17.47	17.31					
14 256QAM	15	0	17.42	17.40	17.25					
Channel										
Frequency (MHz)	18807	18860	18935				Turn-on time (ms)	MPR (dB)		
14 QPSK	1	0	17.42	17.40	17.43					
14 QPSK	1	8	17.39	17.40	17.35		17.8	0		
14 QPSK	1	8	17.42	17.42	17.33					
14 QPSK	8	0	17.38	17.48	17.27		17.8	0		
14 QPSK	8	4	17.37	17.36	17.27					
14 QPSK	8	7	17.35	17.45	17.26		17.8	0		
14 QPSK										

Band 4_Ant 4										
RF (MHz)	Modulation	RB Size	RB Offset	Power (dBm) Ch. 1 / Ch. 2	Power (dBm) Ch. 1 / Ch. 2	Power (dBm) Ch. 1 / Ch. 2	Turnup Init. (dBm)	MPR (dB)		
Channel				20090	20170	20170				
Frequency (MHz)				1770	1772.5	1785				
20	QPSK	1	0	17.85	17.85	17.85				
20	QPSK	1	49	17.86	17.86	17.86	18.5	0		
20	QPSK	1	98	17.84	17.82	17.83				
20	QPSK	1	147	17.85	17.85	17.85				
20	QPSK	50	24	17.86	17.87	17.83				
20	QPSK	50	50	17.86	17.84	17.86				
20	QPSK	50	75	17.85	17.85	17.85				
20	HQAM	1	0	17.84	17.83	17.83				
20	HQAM	1	49	17.85	17.85	17.85	18.5	0		
20	HQAM	1	99	17.89	17.90	17.87				
20	HQAM	1	148	17.88	17.88	17.88				
20	HQAM	50	24	17.86	17.87	17.83				
20	HQAM	50	50	17.86	17.86	17.86				
20	HQAM	50	75	17.85	17.85	17.85	18.5	0		
20	25QAM	1	0	17.88	17.89	17.86				
20	25QAM	1	49	17.87	17.87	17.87				
20	25QAM	1	99	17.87	17.87	17.72				
20	25QAM	1	148	17.87	17.87	17.87				
20	25QAM	50	0	17.83	17.89	17.88				
20	25QAM	50	50	17.83	17.83	17.83				
20	25QAM	50	100	17.82	17.82	17.86				
20	25QAM	100	0	17.89	17.84	17.70				
Channel				20090	20170	20170	Turnup Init. (dBm)	MPR (dB)		
Frequency (MHz)				1717.5 <th>1717.5</th> <th>1747.5</th> <th></th> <th></th> <th></th> <th></th>	1717.5	1747.5				
15	QPSK	1	0	17.88	17.79	17.81				
15	QPSK	1	49	17.88	17.88	17.88				
15	QPSK	1	98	17.88	17.88	17.88				
15	QPSK	1	147	17.88	17.88	17.88				
15	QPSK	36	8	17.86	17.82	17.83				
15	QPSK	36	37	17.81	17.82	17.81				
15	QPSK	36	69	17.83	17.81	17.83	18.5	0		
15	QPSK	72	0	17.84	17.81	17.89				
15	QPSK	72	36	17.82	17.82	17.82				
15	HQAM	1	37	17.86	17.82	17.81				
15	HQAM	1	74	17.85	17.85	17.85				
15	HQAM	36	74	17.89	17.84	17.89				
15	HQAM	36	111	17.84	17.84	17.88				
15	HQAM	72	0	17.81	17.88	17.88	18.5	0		
15	HQAM	72	36	17.87	17.87	17.83				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.84	17.83	18.5	0		
15	HQAM	36	72	17.82	17.82	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5	0		
15	HQAM	36	72	17.82	17.83	17.82				
15	HQAM	36	108	17.86	17.86	17.86				
15	HQAM	72	0	17.85	17.88	17.88				
15	HQAM	72	36	17.87	17.87	17.87				
15	HQAM	72	72	17.87	17.87	17.87				
15	HQAM	36	0	17.82	17.83	17.82				
15	HQAM	36	36	17.82	17.83	17.82	18.5			

Band 4_Ant 6										
RF [MHz]	Modulation	RIS Code	RF Offset	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Turn-up time (min)	MFR (dB)	
Channel				200656	201715	203065				
Frequency (MHz)				1770	1820	1870				
30	QPSK	1	0	15.40	15.40	15.40				
30	QPSK	1	49	15.52	15.53	15.40		16.5	0	
30	QPSK	1	99	15.42	15.42	15.47				
30	QPSK	1	149	15.40	15.40	15.40				
30	QPSK	50	24	15.44	15.56	15.47		16.5	0	
30	QPSK	50	75	15.41	15.52	15.47				
30	QPSK	100	24	15.47	15.52	15.47				
30	16QAM	1	0	15.45	15.48	15.45				
30	16QAM	1	49	15.45	15.48	15.45		16.5	0	
30	16QAM	1	99	15.50	15.53	15.44				
30	16QAM	50	0	15.50	15.57	15.43				
30	16QAM	50	50	15.53	15.55	15.46		16.5	0	
30	16QAM	100	0	15.40	15.40	15.40				
30	16QAM	100	50	15.40	15.40	15.40				
30	16QAM	1	49	15.44	15.51	15.41		16.5	0	
30	16QAM	50	99	15.50	15.52	15.46				
30	16QAM	50	24	15.44	15.52	15.44				
30	16QAM	50	75	15.42	15.50	15.46				
30	16QAM	100	24	15.51	15.54	15.43				
30	256QAM	1	0	15.46	15.61	15.52				
30	256QAM	1	49	15.46	15.61	15.52		16.5	0	
30	256QAM	1	99	15.39	15.55	15.52				
30	256QAM	50	0	15.40	15.49	15.53				
30	256QAM	50	50	15.42	15.49	15.53				
30	256QAM	50	99	15.40	15.49	15.53				
30	256QAM	100	0	15.44	15.53	15.43		Turn-up time (min)	MFR (dB)	
Channel				200656	201715	203065				
Frequency (MHz)				1771.5	1821.5	1871.5				
15	QPSK	1	0	15.52	15.59	15.44				
15	QPSK	1	49	15.52	15.59	15.44		16.5	0	
15	QPSK	1	99	15.49	15.52	15.38				
15	QPSK	1	149	15.49	15.52	15.38				
15	QPSK	36	0	15.49	15.49	15.42				
15	QPSK	36	49	15.34	15.42	15.43				
15	QPSK	36	99	15.29	15.44	15.33		16.5	0	
15	QPSK	75	0	15.41	15.45	15.41				
15	QPSK	75	49	15.27	15.44	15.34				
15	QPSK	75	99	15.34	15.42	15.34				
15	16QAM	1	39	15.32	15.48	15.29				
15	16QAM	1	49	15.32	15.48	15.29				
15	16QAM	36	0	15.35	15.56	15.26				
15	16QAM	36	20	15.38	15.53	15.30		16.5	0	
15	16QAM	36	74	15.38	15.48	15.32				
15	16QAM	75	0	15.25	15.42	15.32				
15	16QAM	1	0	15.43	15.48	15.39				
15	16QAM	1	49	15.43	15.48	15.39		16.5	0	
15	16QAM	36	20	15.44	15.54	15.30				
15	16QAM	36	74	15.44	15.54	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	0	15.39	15.44	15.34				
15	16QAM	36	20	15.40	15.49	15.30		16.5	0	
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57	15.38		16.5	0	
15	16QAM	1	49	15.38	15.57	15.38				
15	16QAM	36	20	15.40	15.49	15.30				
15	16QAM	36	74	15.40	15.49	15.30				
15	16QAM	75	0	15.34	15.50	15.40				
15	16QAM	1	39	15.38	15.57					

Band 4_Ant 5										
RF (MHz)	Modulation	RB Size	FB Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Turnup (dBm)	MPE (dB)	
Channel				20090	20090	17175	17175	17175		
20	QPSK	1	0	21.50	21.50	21.50	21.50			
20	QPSK	1	49	21.50	21.50	21.60	21.60	22.5	0	
20	QPSK	1	99	21.50	21.50	21.67	21.60			
20	QPSK	1	149	21.50	21.50	21.67	21.60			
20	QPSK	50	24	21.57	21.53	21.58		22.5	0	
20	QPSK	50	74	21.57	21.53	21.58				
20	QPSK	50	124	21.57	21.53	21.58				
20	QPSK	50	174	21.57	21.53	21.58				
20	HQPSK	1	0	21.49	21.64	21.54				
20	HQPSK	1	49	21.69	21.64	21.54		22.5	0	
20	HQPSK	1	99	21.59	21.61	21.64				
20	HQPSK	1	149	21.59	21.61	21.64				
20	HQPSK	50	0	21.58	21.68	21.51				
20	HQPSK	50	50	21.58	21.68	21.51		22.5	0	
20	HQPSK	50	100	21.59	21.70	21.57				
20	HQPSK	50	150	21.56	21.66	21.67				
20	HQPSK	50	200	21.53	21.61	21.64				
20	HQPSK	1	49	21.50	21.70	21.62		22.5	0	
20	HQPSK	1	99	21.57	21.60	21.50				
20	HQPSK	1	149	21.59	21.63	21.50				
20	HQPSK	50	24	21.30	21.38	21.29		22	0.5	
20	HQPSK	50	74	21.38	21.32	21.21				
20	HQPSK	50	124	21.38	21.32	21.21				
20	HQPSK	50	174	21.38	21.32	21.21				
20	SSB-AM	1	0	19.33	19.17	19.17				
20	SSB-AM	1	49	19.34	19.34	19.19		20	2.5	
20	SSB-AM	1	99	19.14	19.29	19.13				
20	SSB-AM	50	0	19.24	19.29	19.25				
20	SSB-AM	50	50	19.24	19.29	19.25				
20	SSB-AM	50	100	19.20	19.34	19.28				
20	SSB-AM	50	150	19.33	19.27	19.27		Turnup (dBm)	MPE (dB)	
Channel				17175 <th>17175<th>17175<th>17175<th></th><th></th><th></th></th></th></th>	17175 <th>17175<th>17175<th></th><th></th><th></th></th></th>	17175 <th>17175<th></th><th></th><th></th></th>	17175 <th></th> <th></th> <th></th>			
15	QPSK	1	0	21.55	21.68	21.50				
15	QPSK	1	49	21.53	21.63	21.53		22.5	0	
15	QPSK	1	99	21.53	21.63	21.53				
15	QPSK	1	149	21.51	21.60	21.52				
15	QPSK	38	0	21.54	21.52	21.54				
15	QPSK	38	38	21.53	21.53	21.53		22.5	0	
15	QPSK	38	76	21.39	21.42	21.54				
15	QPSK	75	0	21.47	21.47	21.43				
15	QPSK	75	38	21.48	21.49	21.43				
15	QPSK	1	97	21.52	21.64	21.48		22.5	0	
15	HQPSK	1	0	21.50	21.67	21.48				
15	HQPSK	38	38	21.48	21.47	21.48				
15	HQPSK	38	76	21.43	21.55	21.48		22.5	0	
15	HQPSK	38	114	21.43	21.55	21.48				
15	HQPSK	1	97	21.52	21.62	21.42				
15	HQPSK	1	0	21.55	21.51	21.53				
15	HQPSK	1	49	21						
15	HQPSK	1	99	21.57	21.60	21.50				
15	HQPSK	1	149	21.59	21.63	21.50				
15	HQPSK	50	24	21.30	21.38	21.29		22	0.5	
15	HQPSK	50	74	21.38	21.32	21.21				
15	HQPSK	50	124	21.38	21.32	21.21				
15	HQPSK	50	174	21.38	21.32	21.21				
15	SSB-AM	1	0	19.22	19.32	19.12				
15	SSB-AM	1	49	19.23	19.22	19.07		20	2.5	
15	SSB-AM	1	99	19.03	19.18	18.93				
15	SSB-AM	50	0	19.13	19.11	18.91				
15	SSB-AM	50	50	19.14	19.09	18.94		20	2.5	
15	SSB-AM	50	100	19.09	19.25	18.94				
15	SSB-AM	50	150	19.26	19.13	18.98				
Channel				20090	20090	17175	17175	17175		
10	QPSK	1	0	21.50	21.67	21.54				
10	QPSK	1	49	21.41	21.48	21.61		22.5	0	
10	QPSK	1	99	21.41	21.48	21.61				
10	QPSK	1	149	21.41	21.48	21.61				
10	QPSK	25	0	21.52	21.56	21.58				
10	QPSK	25	12	21.44	21.42	21.62		22.5	0	
10	QPSK	25	24	21.44	21.42	21.62				
10	QPSK	50	0	21.44	21.53	21.48				
10	QPSK	50	12	21.47	21.53	21.42		22.5	0	
10	QPSK	50	24	21.51	21.44	21.43				
10	QPSK	50	36	21.50	21.44	21.43		22.5	0	
10	HQPSK	1	49	21.49	21.59	21.57				
10	HQPSK	1	99	21.41	21.63	21.48				
10	HQPSK	1	149	21.41	21.63	21.48				
10	HQPSK	25	0	21.51	21.55	21.57				
10	HQPSK	25	12	21.58	21.64	21.47		22.5	0	
10	HQPSK	25	24	21.58	21.64	21.47				
10	HQPSK	50	0	21.56	21.54	21.50				
10	HQPSK	50	12	21.44	21.58	21.54		22.5	0	
10	HQPSK	50	24	21.51	21.58	21.54				
10	HQPSK	50	36	21.51	21.58	21.54				
10	HQPSK	1	49	21.49	21.59	21.57				
10	HQPSK	1	99	21.41	21.63	21.48				
10	HQPSK	1	149	21.41	21.63	21.48				
10	HQPSK	25	0	21.51	21.55	21.57				
10	HQPSK	25	12	21.58	21.64	21.47		22	0.5	
10	HQPSK	25	24	21.58	21.64	21.47				
10	HQPSK	50	0	21.52	21.50	21.50				
10	HQPSK	50	12	21.28	21.18	21.11		20	2.5	
10	HQPSK	50	24	21.25	21.31	21.20				
10	HQPSK	50	36	21.25	21.31	21.20				
10	SSB-AM	1	0	19.22	19.03	18.94				
10	SSB-AM	1	49	19.23	19.20	18.97		20	2.5	
10	SSB-AM	1	99	19.03	19.18	18.93				
10	SSB-AM	50	0	19.13	19.11	18.91				
10	SSB-AM	50	50	19.14	19.09	18.94		20	2.5	
10	SSB-AM	50	100	19.09	19.25	18.94				
Channel				19975	19975	19975	19975	Turnup (dBm)	MPE (dB)	
5	QPSK	1	0	21.53	21.60	21.58				
5	QPSK	1	49	21.50	21.55	21.58		22.5	0	
5	QPSK	1	99	21.45	21.53	21.48				
5	QPSK	1	149	21.45	21.53	21.48				
5	QPSK	12	7	21.49	21.51	21.49		22.5	0	
5	QPSK	12	13	21.42	21.51	21.58				
5	QPSK	12	25	21.42	21.51	21.58				
5	QPSK	12	37	21.42	21.51	21.58				
5	HQPSK	1	0	21.46	21.56	21.41				
5	HQPSK	1	49	21.50	21.62	21.42		22.5	0	
5	HQPSK	1	99	21.46	21.56	21.41				
5	HQPSK	1	149	21.46	21.56	21.41				
5	HQPSK	12	0	21.51	21.63	21.37				
5	HQPSK	12	7	21.51	21.52	21.39		22.5	0	
5	HQPSK	12	13	21.47	21.50	21.49				
5	HQPSK	12	25	21.54	21.52	21.35				
5	HQPSK	12	37	21.54	21.52	21.35				
5	HQPSK	1	99	21.46	21.60	21.41		22.5	0	
5	HQPSK	1	149	21.46	21.60	21.41				
5	HQPSK	12	0	21.51	21.63	21.37				
5	HQPSK	12	7	21.51	21.52	21.39		22	0.5	
5	HQPSK	12	13	21.47	21.50	21.49				
5	HQPSK	12	25	21.54	21.52	21.35				
5	HQPSK	12	37	21.54	21.52	21.35				
5	HQPSK	1	99	21.46	21.60	21.41		22	0.5	
5	HQPSK	1	149	21.46	21.60	21.41				
5	HQPSK	12	0	21.51	21.63	21.37				
5	HQPSK	12	7	21.51	21.52	21.39				
5	HQPSK	12	13	21.47	21.50	21.49				
5	HQPSK	12	25	21.54	21.52	21.35				
5	HQPSK	12	37	21.54	21.52	21.35				
5	HQPSK	1	99	21.46	21.60	21.41		22	0.5	
5	HQPSK	1	149	21.46	21.60	21.41				
5	HQPSK	12	0	21.51	21.63	21.37				
5	HQPSK	12	7	21.51	21.52	21.39				
5	HQPSK	12	13	21.47	21.50	21.49				
5	HQPSK	12	25	21.54	21.52	21.35				
5	HQPSK	12	37	21.54	21.52	21.35				
5	HQPSK	1	99	21.46	21.60	21.41		22	0.5	
5	HQPSK	1	149	21.46	21.60	21.41				
5	HQPSK	12	0	21.51	21.63	21.37				
5	HQPSK	12	7	21.51	21.52	21.39				
5	HQPSK	12	13	21.47	21.50	21.49				
5	HQPSK	12	25	21.54	21.52	21.35				
5	HQPSK	12	37	21.54	21.52	21.35				
5	HQPSK	1	99	21.46	21.60	21.41		22	0.5	
5	HQPSK	1	149	21.46	21.60	21.41				
5	HQPSK	12	0	21.51	21.63	21.37				
5	HQPSK	12	7	21.51	21.52	21.39				
5	HQPSK	12	13	21.47	21.50	21.49				
5	HQPSK	12	25	21.54	21.52	21.35				
5	HQPSK	12	37	21.54	21.52	21.35				

Band 4_Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power (W) Ch. Freq.	Power (W) Ch. Freq.	Power (W) Ch. Freq.	Power (W) Ch. Freq.	Turn-on time (ms)	Spectrum (dB)			
Channel				Frequency (MHz)	1720	1723.5	1730					
20	QPSK	1	0	16.65	16.73	16.79						
20	QPSK	1	49	16.63	16.75	16.79		17.3		0		
20	QPSK	1	99	16.56	16.71	16.65						
20	QPSK	1	149	16.52	16.67	16.61						
20	QPSK	50	24	16.64	16.68	16.64						
20	QPSK	50	50	16.63	16.62	16.60						
20	QPSK	50	75	16.63	16.62	16.61						
20	16QAM	1	0	16.65	16.73	16.79						
20	16QAM	1	49	16.63	16.73	16.79		17.3		0		
20	16QAM	1	99	16.56	16.70	16.59						
20	16QAM	1	149	16.52	16.66	16.57						
20	16QAM	50	24	16.65	16.69	16.65						
20	16QAM	50	50	16.64	16.72	16.68						
20	16QAM	50	75	16.63	16.69	16.62						
20	256QAM	1	0	16.66	16.70	16.72						
20	256QAM	1	49	16.63	16.74	16.87						
20	256QAM	1	99	16.53	16.63	16.72						
20	256QAM	50	0	16.59	16.73	16.72						
20	256QAM	50	24	16.63	16.63	16.68						
20	256QAM	50	50	16.61	16.70	16.70						
20	256QAM	100	0	16.55	16.74	16.82						
Channel				1717.5	1723.5	1737.5						
18	QPSK	1	0	16.67	16.73	16.75						
18	QPSK	1	49	16.65	16.77	16.79						
18	QPSK	1	74	16.62	16.60	16.55						
18	QPSK	36	0	16.58	16.65	16.68						
18	QPSK	36	24	16.58	16.67	16.68						
18	QPSK	36	39	16.52	16.61	16.58						
18	QPSK	79	0	16.51	16.64	16.58						
18	QPSK	79	24	16.53	16.64	16.61						
18	16QAM	1	0	16.66	16.60	16.61		17.3		0		
18	16QAM	1	49	16.63	16.73	16.79						
18	16QAM	36	0	16.55	16.61	16.62						
18	16QAM	36	20	16.60	16.71	16.54						
18	16QAM	36	49	16.57	16.74	16.68		17.3		0		
18	16QAM	79	0	16.55	16.62	16.58						
18	16QAM	1	0	16.46	16.69	16.49						
18	16QAM	1	49	16.43	16.67	16.49						
18	16QAM	1	74	16.47	16.67	16.47		17.3		0		
18	16QAM	36	0	16.39	16.64	16.49						
18	16QAM	36	24	16.39	16.69	16.57						
18	16QAM	36	39	16.50	16.59	16.61						
18	256QAM	1	0	16.58	16.64	16.69						
18	256QAM	1	37	16.51	16.53	16.59		17.3		0		
18	256QAM	1	49	16.51	16.61	16.64						
18	256QAM	36	0	16.53	16.59	16.63						
18	256QAM	36	20	16.53	16.56	16.60						
18	256QAM	36	49	16.53	16.60	16.64		17.3		0		
18	256QAM	79	0	16.46	16.69	16.57						
18	256QAM	79	24	16.48	16.64	16.58						
Channel				1699.5	1701.5	1703.5						
5	QPSK	1	0	17.15	17.15	17.15						
5	QPSK	1	12	16.97	16.94	16.92						
5	QPSK	1	24	16.86	16.81	16.81		17.3		0		
5	QPSK	1	36	16.73	16.67	16.67						
5	QPSK	1	48	16.55	16.71	16.69						
5	QPSK	25	12	16.55	16.66	16.59						
5	QPSK	25	24	16.55	16.67	16.61						
5	QPSK	25	36	16.52	16.65	16.62						
5	QPSK	25	48	16.51	16.66	16.64						
5	16QAM	1	0	16.66	16.60	16.61		17.3		0		
5	16QAM	1	12	16.63	16.68	16.68						
5	16QAM	1	24	16.61	16.66	16.66						
5	16QAM	1	36	16.59	16.64	16.64						
5	16QAM	1	48	16.49	16.69	16.59						
5	16QAM	1	60	16.53	16.65	16.57		17.3		0		
5	16QAM	25	12	16.46	16.65	16.56						
5	16QAM	25	24	16.46	16.66	16.60						
5	16QAM	25	36	16.50	16.62	16.57						
5	256QAM	1	0	16.66	16.64	16.68						
Channel				1699.5	1701.5	1703.5						
5	QPSK	1	0	17.15	17.15	17.15						
5	QPSK	1	12	16.97	16.94	16.92						
5	QPSK	1	24	16.83	16.87	16.82						
5	QPSK	1	36	16.70	16.64	16.64						
5	QPSK	1	48	16.55	16.71	16.69						
5	QPSK	12	13	16.55	16.62	16.51						
5	QPSK	12	24	16.55	16.66	16.54						
5	16QAM	1	0	16.51	16.71	16.83						
5	16QAM	1	12	16.51	16.75	16.86						
5	16QAM	1	24	16.43	16.85	16.82						
5	16QAM	1	36	16.39	16.85	16.81						
5	16QAM	1	48	16.30	16.89	16.83		17.3		0		
5	16QAM	12	7	16.46	16.49	16.49						
5	16QAM	12	13	16.46	16.49	16.49						
5	16QAM	12	24	16.43	16.63	16.55						
5	16QAM	12	36	16.39	16.64	16.56						
5	256QAM	1	0	16.63	16.62	16.63						
5	256QAM	1	12	16.54	16.66	16.53						
5	256QAM	1	24	16.51	16.66	16.64		17.3		0		
5	256QAM	1	36	16.48	16.66	16.60						
5	256QAM	12	0	16.56	16.63	16.70						
5	256QAM	12	13	16.53	16.59	16.57						
5	256QAM	12	24	16.48	16.68	16.48						
Channel				1699.5	1701.5	1703.5						
1.4	QPSK	1	0	16.67	16.73	16.75						
1.4	QPSK	1	8	16.65	16.62	16.73						
1.4	QPSK	1	16	16.66	16.73	16.68		17.3		0		
1.4	QPSK	1	24	16.63	16.66	16.67						
1.4	QPSK	1	32	16.60	16.65	16.65						
1.4	QPSK	8	0	16.53	16.67	16.61						
1.4	QPSK	8	8	16.53	16.68	16.62						
1.4	QPSK	8	16	16.48	16.49	16.48						
1.4	QPSK	16	0	16.48	16.54	16.48						
1.4	QPSK	16	8	16.51	16.60	16.61		17.3		0		
1.4	16QAM	1	8	16.61	16.69	16.61						
1.4	16QAM	1	16	16.62	16.69	16.54						
1.4	16QAM	1	24	16.61	16.66	16.66						
1.4	16QAM	1	32	16.56	16.66	16.61						
1.4	16QAM	8	0	16.56	16.66	16.61		17.3		0		
1.4	16QAM	8	8	16.56	16.66	16.61						
1.4	16QAM	8	16	16.54	16.68	16.58						
1.4	16QAM	16	0	16.54	16.63	16.58						
1.4	256QAM	1	8	16.49	16.62	16.55						
1.4	256QAM	1	16	16.50	16.61	16.61						
1.4	256QAM	8	0	16.54	16.61	16.61						
1.4	256QAM	8	8	16.51	16.61	16.61		17.3		0		
1.4	256QAM	8	16	16.51	16.61	16.61						
1.4	256QAM	16	0	16.47	16.60	16.48						
Channel				1699.5	1701.5	1703.5						
1.4	QPSK	1	0	16.67	16.73	16.75						
1.4	QPSK	1	8	16.65	16.62	16.73						
1.4	QPSK	1	16	16.66	16.73	16.68		17.3		0		
1.4	QPSK	1	24	16.63	16.66	16.67						
1.4	QPSK	1	32	16.60	16.65	16.65						
1.4	QPSK	8	0	16.53	16.67	16.61						
1.4	QPSK	8	8	16.53	16.68	16.62						
1.4	QPSK	8	16	16.48	16.49	16.48						
1.4	QPSK	16	0	16.48	16.54	16.48						
1.4	QPSK	16	8	16.51	16.60	16.61		17.3		0		
1.4	16QAM	1	8	16.61	16.69	16.61						
1.4	16QAM	1	16	16.62	16.69	16.54						
1.4	16QAM	1	24	16.61	16.66	16.66						
1.4	16QAM	1	32	16.56	16.66	16.61						
1.4	16QAM	8	0	16.56	16.66	16.61		17.3		0		
1.4	16QAM	8	8	16.56	16.66	16.61						
1.4	16QAM	8	16	16.54	16.68	16.58						
1.4	16QAM	16	0	16.54	16.63	16.58						
1.4	256QAM	1	8	16.49	16.62	16.55						
1.4	256QAM	1	16	16.50	16.61	16.61						
1.4	256QAM	8	0	16.54	16.61	16.61						
1.4	256QAM	8	8	16.51	16.61	16.61		17.3		0		
1.4	256QAM	8	16	16.51	16.61	16.61						
1.4	256QAM	16	0	16.47	16.60	16.48						



Band 5_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up Time (min)	MPR (dB)						
Channel														
Frequency (MHz)														
829 836.5 844														
18	QPSK	1	0	24.19	24.29	24.32	25	0						
18	QPSK	1	25	24.11	24.24	24.39								
18	QPSK	1	49	24.10	24.14	24.13								
18	QPSK	25	0	23.04	23.15	23.03	24	1						
18	QPSK	25	12	23.03	23.10	23.22								
18	QPSK	25	25	23.10	23.22	23.09								
18	QPSK	50	0	22.87	22.91	22.88	24	1						
18	QPSK	50	25	22.84	22.85	22.83								
18	QPSK	50	49	22.84	22.85	22.83								
18	QPSK	1	25	23.44	23.45	23.30	24	1						
18	QPSK	1	49	23.52	23.46	23.38								
18	QPSK	25	0	22.98	22.95	22.97								
18	QPSK	25	12	22.96	22.98	22.99	23	2						
18	QPSK	25	25	22.91	22.95	22.94								
18	QPSK	50	0	22.95	22.95	22.90								
18	QPSK	50	25	22.97	22.99	22.94	22	2						
18	QPSK	50	49	22.95	22.95	22.97								
18	QPSK	1	49	22.95	22.90	22.93								
18	QPSK	25	0	21.96	21.90	21.93	22	3						
18	QPSK	25	12	21.97	21.93	21.92								
18	QPSK	25	25	21.90	21.92	21.97								
18	QPSK	50	0	21.94	21.95	21.92	20	5						
18	QPSK	50	25	21.91	21.94	21.90								
18	QPSK	50	49	21.91	21.94	21.90								
Channel														
Frequency (MHz)														
20425 20425 20425														
5	QPSK	1	0	24.09	24.16	24.08	26	0						
5	QPSK	1	12	24.07	24.30	23.99								
5	QPSK	1	24	23.97	24.13	24.08								
5	QPSK	12	0	23.03	23.20	23.01	24	1						
5	QPSK	12	7	22.98	23.05	22.96								
5	QPSK	12	13	22.99	23.09	22.99								
5	QPSK	25	0	22.93	23.01	22.85	24	1						
5	QPSK	25	12	22.93	23.03	22.93								
5	QPSK	25	25	22.93	23.03	22.93								
5	QPSK	1	0	23.22	23.28	23.19	24	1						
5	QPSK	1	12	23.21	23.27	23.18								
5	QPSK	1	24	23.21	23.36	23.33								
5	QPSK	12	0	22.01	22.19	22.07	23	2						
5	QPSK	12	7	22.08	22.10	22.06								
5	QPSK	12	13	22.03	22.33	22.10								
5	QPSK	25	0	21.96	22.00	21.95	23	2						
5	QPSK	25	12	21.96	22.00	21.95								
5	QPSK	25	25	21.96	22.00	21.95								
5	QPSK	1	0	21.08	21.15	21.02	22	3						
5	QPSK	1	12	21.05	21.15	21.10								
5	QPSK	1	24	21.05	21.13	21.04								
5	QPSK	12	0	20.96	21.02	20.96	20	5						
5	QPSK	12	7	20.96	21.02	20.96								
5	QPSK	12	13	20.96	21.02	20.96								
5	QPSK	25	0	18.85	18.91	18.90	20	5						
5	QPSK	25	12	18.85	18.91	18.90								
5	QPSK	25	25	18.85	18.91	18.90								
Channel														
Frequency (MHz)														
825.5 836.5 847.5														
3	QPSK	1	0	24.15	24.21	24.07	26	0						
3	QPSK	1	12	24.07	24.30	23.99								
3	QPSK	1	24	23.95	24.00	23.98								
3	QPSK	12	0	23.03	23.22	23.08	24	1						
3	QPSK	12	7	22.99	23.03	22.93								
3	QPSK	12	13	22.99	23.03	22.93								
3	QPSK	25	0	22.97	23.11	23.02	24	1						
3	QPSK	25	12	22.92	22.99	22.91								
3	QPSK	25	25	23.13	23.21	23.10								
3	QPSK	1	0	23.39	23.41	23.18	24	1						
3	QPSK	1	12	23.38	23.41	23.18								
3	QPSK	1	24	23.38	23.41	23.18								
3	QPSK	12	0	22.01	22.09	21.89	23	2						
3	QPSK	12	7	22.05	22.08	22.00								
3	QPSK	12	13	22.01	22.14	22.05								
3	QPSK	25	0	21.91	22.09	21.89	23	2						
3	QPSK	25	12	21.99	22.04	22.05								
3	QPSK	25	25	22.07	22.10	22.05								
3	QPSK	1	0	21.09	21.19	21.07	22	3						
3	QPSK	1	12	21.09	21.17	21.06								
3	QPSK	1	24	21.09	21.17	21.06								
3	QPSK	12	0	20.96	21.06	20.95	20	5						
3	QPSK	12	7	20.96	21.06	20.95								
3	QPSK	12	13	20.96	21.06	20.95								
3	QPSK	25	0	18.88	18.91	18.79	20	5						
3	QPSK	25	12	18.88	18.91	18.79								
3	QPSK	25	25	18.88	18.91	18.79								
3	QPSK	1	0	18.89	18.92	18.90	20	5						
3	QPSK	1	12	18.89	18.92	18.90								
3	QPSK	1	24	18.89	18.92	18.90								
3	QPSK	12	0	18.87	18.92	18.83	20	5						
3	QPSK	12	7	18.87	18.92	18.83								
3	QPSK	12	13	18.87	18.92	18.83								
3	QPSK	25	0	18.84	18.97	18.91	20	5						
3	QPSK	25	12	18.84	18.97	18.91								
3	QPSK	25	25	18.84	18.97	18.91								
Channel														
Frequency (MHz)														
20425 20425 20425														
1.4	QPSK	1	0	24.11	24.28	24.20	25	0						
1.4	QPSK	1	3	24.01	24.18	24.01								
1.4	QPSK	1	5	24.05	24.01	24.01								
1.4	QPSK	3	0	24.06	24.19	24.07	24	1						
1.4	QPSK	3	1	24.01	24.12	24.02								
1.4	QPSK	3	3	24.05	24.00	24.00								
1.4	QPSK	6	0	22.95	23.03	22.95	24	1						
1.4	QPSK	6	1	22.93	23.02	22.91								
1.4	QPSK	6	3	23.02	23.01	23.01								
1.4	QPSK	1	0	23.31	23.31	23.24	24	1						
1.4	QPSK	1	3	23.32	23.28	23.21								
1.4	QPSK	1	5	23.37	23.21	23.13								
1.4	QPSK	3	0	23.26	23.34	23.23	23	2						
1.4	QPSK	3	1	23.29	23.29	23.21								
1.4	QPSK	3	3	23.29	23.26	23.22								
1.4	QPSK	6	0	22.98	23.30	22.12	23	2						
1.4	QPSK	6	1	22.97	23.22	22.18								
1.4	QPSK	6	3	22.94	22.27	22.18								
1.4	QPSK	1	0	22.91	22.91	22.97	20	5						
1.4	QPSK	1	3	22.94	22.94	22.96								
1.4	QPSK	1	5	22.91	22.91	22.96								
1.4	QPSK	3	0	21.07	21.01	20.90	22	3						
1.4	QPSK	3	1	21.04	21.04	21.06								
1.4	QPSK	3	3	21.08	21.03	21.07								
1.4	QPSK	6	0	18.85	18.93	18.77	20	5						
1.4	QPSK	6	1	18.85	18.93	18.77								
1.4	QPSK	6	3	18.81	18.93	18.88								
1.4	QPSK	3	0	18.88	18.92	18.92	20	5						
1.4	QPSK	3	1	18.81	18.95	18.90								
1.4	QPSK	3	3	18.89	18.92	18.92								

Band 7_Ant 5										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Mid Ch./ Freq.	Power High Ch./ Freq.	Turn-up Time (min)	MPR (dB)		
Channel				20850	21050	21650				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	19.47	19.57	19.50	20	0		
20	QPSK	1	49	19.40	19.51	19.39				
20	QPSK	1	99	19.36	19.49	19.36				
20	QPSK	50	0	19.50	19.54	19.45				
20	QPSK	50	24	19.40	19.44	19.40				
20	QPSK	50	50	19.33	19.46	19.36				
20	QPSK	100	0	19.43	19.52	19.39				
160M	1	49	0	19.36	19.41	19.49				
160M	1	49	19	19.33	19.56	19.49				
160M	50	5	0	19.53	19.43	19.42				
160M	50	24	19	19.36	19.54	19.44	20			
160M	100	5	0	19.35	19.51	19.41				
160M	100	24	19	19.36	19.54	19.44				
840M	1	49	19	19.36	19.51	19.46				
840M	1	99	19.53	19.47	19.42					
840M	50	0	19.08	19.20	19.08					
840M	50	24	19.08	19.17	19.14					
840M	50	50	19.05	19.20	19.12					
840M	100	0	19.06	19.16	19.04					
2550M	1	0	19.15	19.05	19.09					
2550M	1	49	19.42	19.37	19.22					
2550M	1	99	19.30	19.36	19.27					
2550M	50	0	19.07	19.27	19.08					
2550M	50	24	19.30	19.30	19.30					
2550M	50	50	19.25	19.35	19.25					
2550M	100	0	19.37	19.32	19.31					
Channel				20925	21100	21375	Turn-up Time (min)	MPR (dB)		
Frequency (MHz)				25075	25250	25525				
15	QPSK	1	0	19.33	19.45	19.48				
15	QPSK	1	37	19.26	19.50	19.29				
15	QPSK	1	74	19.24	19.44	19.31				
15	QPSK	36	5	19.40	19.36	19.34				
15	QPSK	36	20	19.24	19.29	19.34				
15	QPSK	36	39	19.32	19.47	19.37				
15	QPSK	75	0	19.29	19.42	19.32				
15	16QAM	1	0	19.24	19.39	19.47				
15	16QAM	1	37	19.18	19.41	19.42				
15	16QAM	1	74	19.31	19.47	19.25				
15	16QAM	36	0	19.21	19.30	19.31	20			
15	16QAM	36	20	19.32	19.45	19.35				
15	16QAM	36	39	19.31	19.42	19.41				
15	16QAM	75	0	19.32	19.36	19.33				
15	840M	1	0	19.32	19.36	19.33				
15	840M	1	37	19.27	19.39	19.45				
15	840M	36	0	19.36	19.14	19.03				
15	840M	36	20	18.98	19.12	19.05				
15	840M	36	39	19.08	19.15	19.04	20			
15	840M	75	0	19.04	19.10	19.20				
15	2550M	1	0	19.13	19.29	19.16				
15	2550M	1	37	19.29	19.26	19.25				
15	2550M	1	74	19.08	19.25	19.17				
15	2550M	36	0	18.93	19.12	19.00				
15	2550M	36	20	19.23	19.20	19.18				
15	2550M	36	39	19.11	19.16	19.19				
15	2550M	75	0	19.24	19.26	19.23				
Channel				20850	21050	21650	Turn-up Time (min)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
15	QPSK	1	0	19.35	19.53	19.44				
15	QPSK	1	37	19.27	19.42	19.31				
15	QPSK	1	49	19.35	19.41	19.34				
15	QPSK	25	0	19.38	19.49	19.35				
15	QPSK	25	12	19.28	19.38	19.35				
15	QPSK	25	25	19.18	19.44	19.27				
15	16QAM	0	0	19.38	19.41	19.29				
15	16QAM	1	0	19.32	19.38	19.45				
15	16QAM	1	25	19.18	19.55	19.34				
15	16QAM	25	0	19.32	19.41	19.29				
15	16QAM	25	12	19.34	19.47	19.40				
15	16QAM	25	25	19.24	19.38	19.30	20			
15	16QAM	50	0	19.32	19.47	19.26				
15	840M	1	0	19.33	19.39	19.29				
15	840M	1	25	19.36	19.41	19.38				
15	840M	1	49	19.24	19.36	19.30				
15	840M	25	0	19.34	19.19	19.03				
15	840M	25	12	19.03	19.11	19.04				
15	840M	50	0	19.36	19.12	19.06				
15	840M	50	0	19.03	19.03	19.06				
2550M	1	0	19.20	19.25	19.14					
2550M	1	25	19.08	19.22	19.12					
2550M	1	49	19.20	19.35	19.10					
2550M	25	0	18.94	19.24	19.09					
2550M	25	12	19.21	19.27	19.25					
2550M	25	25	19.09	19.24	19.22					
2550M	50	0	19.26	19.20	19.30					
Channel				20975	21100	21425	Turn-up Time (min)	MPR (dB)		
Frequency (MHz)				25095	25250	25575 <th colspan="4"></th>				
5	QPSK	1	0	19.42	19.47	19.35				
5	QPSK	1	12	19.37	19.45	19.22				
5	QPSK	1	24	19.35	19.45	19.20				
5	QPSK	12	5	19.44	19.49	19.44				
5	QPSK	12	7	19.31	19.43	19.39				
5	QPSK	25	0	19.40	19.40	19.33				
5	QPSK	25	0	19.42	19.42	19.35				
5	16QAM	1	0	19.32	19.29	19.40				
5	16QAM	1	24	19.32	19.48	19.33				
5	16QAM	12	7	19.29	19.44	19.33				
5	16QAM	12	13	19.23	19.41	19.42				
5	16QAM	36	0	19.22	19.43	19.38				
5	840M	1	0	19.32	19.37	19.41				
5	840M	1	12	19.36	19.38	19.37				
5	840M	1	24	19.31	19.46	19.32				
5	840M	12	9	19.05	19.09	19.04				
5	840M	12	7	19.05	19.05	19.09				
5	840M	12	13	19.06	19.06	19.07	20			
5	840M	25	0	19.03	19.03	19.06				
5	2550M	1	0	19.14	19.23	19.15				
5	2550M	1	12	19.29	19.25	19.13				
5	2550M	1	24	19.29	19.24	19.19				
5	2550M	12	0	19.02	19.10	19.06				
5	2550M	12	7	19.20	19.16	19.23				
5	2550M	12	13	19.06	19.24	19.15				
5	2550M	25	0	19.29	19.27	19.27				

Band 7_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-up time (min)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.910	21.030	21.150				
20	QPSK	1	49	15.937	15.937	15.937	16.3	0		
20	QPSK	1	99	15.958	15.958	15.958				
20	QPSK	10	0	15.937	15.937	15.937	16.3	0		
20	QPSK	50	24	15.986	15.986	15.986				
20	QPSK	50	50	15.900	15.904	15.903				
20	QPSK	100	0	15.937	15.937	15.937	16.3	0		
20	16QAM	1	0	15.937	15.937	15.937				
20	16QAM	1	49	15.939	15.931	15.938				
20	16QAM	1	99	15.938	15.938	15.938				
20	16QAM	10	0	15.939	15.931	15.938	16.3	0		
20	16QAM	50	24	15.986	15.986	15.986				
20	16QAM	50	50	15.900	15.901	15.903				
20	16QAM	100	0	15.937	15.937	15.937	16.3	0		
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	15.937	15.937				
20	16QAM	100	0	15.937	1					

Band 13_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up Int (dB)	MPR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.70			24.8	0				
10	QPSK	1	25	23.84								
10	QPSK	1	49	23.48								
10	QPSK	25	0	23.68			23.8	1				
10	QPSK	25	12	23.45								
10	QPSK	25	25	22.87								
10	QPSK	50	0	22.75			23.8	1				
10	16QAM	1	0	22.75								
10	16QAM	1	25	22.86								
10	16QAM	1	49	22.86			22.8	2				
10	16QAM	25	0	21.58								
10	16QAM	25	12	21.72								
10	16QAM	25	25	21.88			22.8	2				
10	16QAM	50	0	21.85								
10	64QAM	1	0	21.87								
10	64QAM	1	25	21.89			21.8	3				
10	64QAM	1	49	21.73								
10	64QAM	25	0	20.70								
10	64QAM	25	12	20.70			21.8	3				
10	64QAM	25	25	20.68								
10	256QAM	1	0	19.50								
10	256QAM	1	25	18.64			19.8	5				
10	256QAM	1	49	18.62								
10	256QAM	25	0	18.58								
10	256QAM	25	12	18.57			19.8	5				
10	256QAM	25	25	18.54								
10	256QAM	50	0	18.58								
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.63	23.62	23.67	24.8	0				
5	QPSK	1	12	23.59	23.54	23.83						
5	QPSK	1	24	23.43	23.47	23.34						
5	QPSK	12	0	22.88	22.80	22.88	23.8	1				
5	QPSK	12	7	22.60	22.50	22.64						
5	QPSK	12	13	22.53	22.55	22.87						
5	QPSK	25	0	22.51	22.60	22.60	23.8	1				
5	16QAM	1	0	22.73	22.72	22.65						
5	16QAM	1	12	22.88	22.86	23.01						
5	16QAM	1	24	22.74	22.84	22.85	22.8	2				
5	16QAM	12	0	21.85	21.84	21.88						
5	16QAM	12	7	21.60	21.81	21.58						
5	16QAM	12	13	21.84	21.56	21.63	22.8	2				
5	16QAM	25	0	21.81	21.81	21.84						
5	64QAM	1	0	21.87	21.88	21.79						
5	64QAM	1	12	21.70	21.86	21.86	21.8	3				
5	64QAM	1	24	21.58	21.59	21.69						
5	64QAM	12	0	20.66	20.65	20.68						
5	64QAM	12	7	20.53	20.58	20.58	21.8	3				
5	64QAM	12	13	20.62	20.56	20.71						
5	64QAM	25	0	20.53	20.54	20.65						
5	256QAM	1	0	18.62	18.44	18.44	19.8	5				
5	256QAM	1	12	18.51	18.48	18.51						
5	256QAM	1	24	18.52	18.58	18.58						
5	256QAM	12	0	18.53	18.56	18.60	19.8	5				
5	256QAM	12	7	18.41	18.47	18.45						
5	256QAM	12	13	18.48	18.38	18.48						
5	256QAM	25	0	18.60	18.56	18.61						

Band 13_Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up Int (dB)	MPR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.25	22.25	22.25	23.9	0				
10	QPSK	1	25	22.87								
10	QPSK	1	49	22.46								
10	QPSK	25	0	21.50			22.9	1				
10	QPSK	25	12	21.81								
10	QPSK	25	25	21.79								
10	QPSK	50	0	21.80			22.9	1				
10	16QAM	1	0	22.03								
10	16QAM	1	25	22.02								
10	16QAM	1	49	22.03			21.9	2				
10	16QAM	25	0	20.51								
10	16QAM	25	12	20.58								
10	16QAM	25	25	20.84			21.9	2				
10	16QAM	50	0	20.75								
10	64QAM	1	0	20.59								
10	64QAM	1	25	20.58			20.9	3				
10	64QAM	1	49	20.50								
10	64QAM	25	0	19.84								
10	64QAM	25	12	19.85			20.9	3				
10	64QAM	25	25	19.85								
10	64QAM	50	0	19.85								
10	256QAM	1	0	17.55			18.9	5				
10	256QAM	1	25	17.58								
10	256QAM	1	49	17.60								
10	256QAM	11	0	17.60			18.9	5				
10	256QAM	11	49	17.59								
10	256QAM	25	12	17.58								
10	256QAM	25	25	17.59			18.9	5				
10	256QAM	50	0	17.61								
10	256QAM	50	0	17.58								
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.72	22.72	22.72	23.9	0				
5	QPSK	1	12	22.80	22.79	22.73						
5	QPSK	1	24	22.37	22.39	22.36						
5	QPSK	12	0	21.68	21.68	21.70	22.9	1				
5	QPSK	12	7	21.71	21.74	21.74						
5	QPSK	12	13	21.70	21.75	21.74						
5	QPSK	25	0	21.70	21.69	21.68	22.9	1				
5	16QAM	1	0	21.89	21.84	21.89						
5	16QAM	1	12	21.90	21.91	21.90						
5	16QAM	1	24	21.96	21.87	21.88	21.9	2				
5	16QAM	12	0	20.70	20.69	20.71						
5	16QAM	12	7	20.70	20.75	20.78						
5	16QAM	12	13	20.73	20.71	20.75	21.9	2				
5	16QAM	25	0	20.86	20.77	20.84						
5	64QAM	1	0	20.95	20.94	20.98						
5	64QAM	1	12	20.82	20.93	20.89	21.9	2				
5	64QAM	1	24	20.94	20.90	20.91						
5	64QAM	12	0	19.77	19.75	19.71						
5	64QAM	12	7	19.83	19.84	19.80	20.9	3				
5	64QAM	12	13	19.72	19.83	19.77						
5	64QAM	25	0	19.71	19.84	19.75						
5	256QAM	1	0	17.55	17.56	17.54	18.9	5				
5	256QAM	1	12	17.61	17.53	17.56						
5	256QAM	1	24	17.55	17.52	17.51						
5	256QAM	12	0	17.58	17.65	17.59	18.9	5				
5	256QAM	12	7	17.66	17.59	17.71						
5	256QAM	12	13	17.52	17.55	17.53						
5	256QAM	25	0	17.58	17.61	17.64						

Band 17_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.60	22.78	22.74	24.3	0	
10	QPSK	1	25	22.67	22.87	22.87			
10	QPSK	1	49	22.59	22.68	22.82			
10	QPSK	25	0	22.57	22		23.3		
10	QPSK	25	12	22.50	22.56	22.68			
10	QPSK	25	25	22.43	22.49	22.59			
10	QPSK	50	0	22.38	22.40	22.39	23.3		
10	HQPSK	1	0	22.63	22.77	22.69			
10	HQPSK	1	25	22.70	22.82	22.72			
10	HQPSK	1	49	22.63	22.50	22.60	22.3		
10	HQPSK	25	0	22.44	22.51	22.43			
10	HQPSK	25	12	22.44	22.51	22.43			
10	HQPSK	25	25	22.50	22.61	22.67	22.3		
10	HQPSK	50	0	22.38	22.40	22.39			
10	HQPSK	50	12	22.44	22.51	22.43			
10	HQPSK	50	25	22.48	22.50	22.51	22.3		
10	HQPSK	1	0	22.78	22.81	22.79			
10	HQPSK	1	25	22.85	22.92	22.83			
10	HQPSK	25	0	22.42	22.50	22.40	22.3		
10	HQPSK	25	12	22.40	22.50	22.40			
10	HQPSK	25	25	22.51	22.61	22.51			
10	HQPSK	50	0	22.37	22.47	22.43	19.3		
10	HQPSK	50	12	22.43	22.53	22.43			
10	HQPSK	50	25	22.51	22.57	22.50			
10	256QAM	1	0	19.31	19.37	19.28	19.3		
10	256QAM	1	49	19.35	19.33	19.35			
10	256QAM	1	25	19.38	19.43	19.38			
10	256QAM	25	12	19.33	19.35	19.35	19.3		
10	256QAM	25	0	19.34	19.41	19.39			
10	256QAM	25	25	19.38	19.41	19.39			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.65	22.79	22.75	24.3	0	
5	QPSK	1	12	22.62	22.86	22.83			
5	QPSK	1	24	22.48	22.83	22.83			
5	QPSK	12	0	22.48	22.48	22.48	23.3	2.1	
5	QPSK	12	7	22.39	22.42	22.42			
5	QPSK	12	14	22.39	22.42	22.42			
5	QPSK	25	0	22.33	22.41	22.29	23.3		
5	HQPSK	1	0	22.64	22.74	22.68			
5	HQPSK	1	12	22.75	22.77	22.75			
5	HQPSK	1	24	22.78	22.88	22.71	22.3		
5	HQPSK	12	0	21.42	21.48	21.42			
5	HQPSK	12	7	21.38	21.43	21.37			
5	HQPSK	12	14	21.44	21.48	21.53	22.3		
5	HQPSK	25	0	21.30	21.45	21.43			
5	HQPSK	25	7	21.44	21.45	21.47			
5	HQPSK	12	12	21.77	21.68	21.78	22.3		
5	HQPSK	12	19	21.66	21.64	21.64			
5	HQPSK	12	26	20.30	20.41	20.32			
5	HQPSK	12	7	20.40	20.50	20.48	21.3		
5	HQPSK	12	14	20.42	20.50	20.48			
5	HQPSK	12	21	20.35	20.37	20.39			
5	256QAM	1	0	19.23	19.34	19.24	19.3		
5	256QAM	1	12	19.24	19.30	19.27			
5	256QAM	1	24	19.24	19.18	19.20			
5	256QAM	12	0	19.24	19.18	19.20	19.3		
5	256QAM	12	7	19.27	19.25	19.23			
5	256QAM	12	13	19.22	19.26	19.26			

Band 25_Ant 4												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-on time (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
26140 26340 26650												
20	QPSK	1	0	17.53	17.61	17.61						
20	QPSK	1	49	17.48	17.52	17.34	17.8	0				
20	QPSK	1	99	17.39	17.53	17.32						
20	QPSK	50	0	17.39	17.50	17.32						
20	QPSK	50	24	17.44	17.54	17.32						
20	QPSK	50	50	17.48	17.53	17.40	17.8	0				
20	16QAM	1	0	17.49	17.59	17.35						
20	16QAM	1	49	17.42	17.46	17.32	17.8	0				
20	16QAM	1	99	17.38	17.50	17.44						
20	16QAM	50	0	17.44	17.54	17.45						
20	16QAM	50	24	17.51	17.47	17.32	17.8	0				
20	16QAM	50	50	17.38	17.46	17.32						
20	16QAM	100	0	17.50	17.46	17.38						
20	64QAM	1	0	17.47	17.52	17.43						
20	64QAM	1	49	17.42	17.46	17.32	17.8	0				
20	64QAM	1	99	17.38	17.50	17.32						
20	64QAM	50	0	17.43	17.48	17.43						
20	64QAM	50	24	17.44	17.55	17.32	17.8	0				
20	64QAM	50	50	17.48	17.47	17.41						
20	256QAM	1	0	17.49	17.57	17.35						
20	256QAM	1	49	17.50	17.53	17.34						
20	256QAM	1	99	17.51	17.56	17.44	17.8	0				
20	256QAM	50	0	17.52	17.48	17.40						
20	256QAM	50	24	17.40	17.47	17.39	17.8	0				
20	256QAM	50	50	17.50	17.46	17.38						
20	256QAM	100	0	17.49	17.52	17.32						
Channel												
26050 26340 26610												
15	QPSK	1	0	17.49	17.57	17.37			Turn-on time (dBm)	MFR (dB)		
15	QPSK	1	37	17.41	17.42	17.24	17.8	0				
15	QPSK	1	74	17.36	17.48	17.18						
15	QPSK	50	0	17.38	17.48	17.38						
15	QPSK	50	20	17.43	17.39	17.21	17.8	0				
15	QPSK	100	0	17.40	17.47	17.31						
15	QPSK	75	0	17.38	17.46	17.30						
15	16QAM	1	0	17.34	17.58	17.32						
15	16QAM	1	37	17.40	17.41	17.24	17.8	0				
15	16QAM	1	74	17.33	17.45	17.32						
15	16QAM	36	0	17.37	17.52	17.41						
15	16QAM	36	20	17.38	17.42	17.22	17.8	0				
15	16QAM	36	39	17.33	17.33	17.25						
15	16QAM	75	0	17.41	17.47	17.36						
15	64QAM	1	0	17.33	17.44	17.38						
15	64QAM	1	37	17.31	17.37	17.19	17.8	0				
15	64QAM	1	74	17.24	17.36	17.28						
15	64QAM	36	0	17.29	17.34	17.36						
15	64QAM	36	20	17.36	17.43	17.28	17.8	0				
15	64QAM	36	39	17.33	17.34	17.23						
15	64QAM	75	0	17.47	17.42	17.25						
15	256QAM	1	0	17.39	17.47	17.19						
15	256QAM	1	37	17.42	17.45	17.23	17.8	0				
15	256QAM	1	74	17.38	17.48	17.27						
15	256QAM	36	0	17.38	17.43	17.28						
15	256QAM	36	20	17.31	17.42	17.31	17.8	0				
15	256QAM	36	39	17.28	17.39	17.37						
15	256QAM	75	0	17.45	17.38	17.37						
Channel												
26050 26340 26610												
10	QPSK	1	0	17.41	17.53	17.40			Turn-on time (dBm)	MFR (dB)		
10	QPSK	1	49	17.43	17.44	17.35	17.8	0				
10	QPSK	1	49	17.29	17.43	17.17						
10	QPSK	25	0	17.38	17.44	17.44						
10	QPSK	25	12	17.40	17.47	17.21	17.8	0				
10	QPSK	25	25	17.35	17.36	17.27						
10	QPSK	50	0	17.38	17.47	17.38						
10	QPSK	50	12	17.45	17.47	17.25	17.8	0				
10	16QAM	1	25	17.46	17.47	17.24						
10	16QAM	1	37	17.42	17.46	17.28	17.8	0				
10	16QAM	1	74	17.33	17.44	17.30						
10	16QAM	25	0	17.34	17.44	17.30						
10	16QAM	25	12	17.42	17.40	17.22	17.8	0				
10	16QAM	25	25	17.38	17.42	17.28						
10	16QAM	50	0	17.48	17.40	17.37						
10	16QAM	50	12	17.42	17.40	17.22	17.8	0				
10	16QAM	50	25	17.38	17.42	17.28						
10	64QAM	1	0	17.38	17.45	17.29						
10	64QAM	1	49	17.44	17.49	17.35	17.8	0				
10	64QAM	1	99	17.36	17.42	17.28						
10	64QAM	25	0	17.36	17.42	17.28						
10	64QAM	25	12	17.37	17.32	17.25	17.8	0				
10	64QAM	25	25	17.35	17.42	17.43						
10	64QAM	50	0	17.48	17.37	17.37						
Channel												
26050 26340 26615												
5	QPSK	1	0	17.46	17.48	17.41			Turn-on time (dBm)	MFR (dB)		
5	QPSK	1	12	17.39	17.50	17.21	17.8	0				
5	QPSK	1	24	17.34	17.45	17.30						
5	QPSK	12	0	17.43	17.46	17.37						
5	QPSK	12	7	17.39	17.46	17.26	17.8	0				
5	QPSK	12	12	17.38	17.39	17.20						
5	QPSK	25	0	17.40	17.46	17.30						
5	16QAM	1	0	17.38	17.47	17.34						
5	16QAM	1	12	17.38	17.40	17.28	17.8	0				
5	16QAM	1	24	17.25	17.37	17.25						
5	16QAM	12	0	17.31	17.37	17.25						
5	16QAM	12	0	17.31	17.45	17.38						
5	16QAM	12	7	17.42	17.49	17.19	17.8	0				
5	16QAM	12	13	17.37	17.39	17.36						
5	16QAM	25	0	17.43	17.39	17.34						
5	64QAM	1	0	17.39	17.48	17.28						
5	64QAM	1	12	17.36	17.40	17.21	17.8	0				
5	64QAM	1	24	17.25	17.37	17.25						
5	64QAM	12	0	17.31	17.37	17.25						
5	64QAM	12	0	17.31	17.45	17.38						
5	64QAM	12	7	17.42	17.49	17.19	17.8	0				
5	64QAM	12	13	17.32	17.37	17.33						
5	256QAM	1	0	17.46	17.43	17.22						
Channel												
26050 26340 26615												
3	QPSK	1	0	17.46	17.48	17.41			Turn-on time (dBm)	MFR (dB)		
3	QPSK	1	12	17.39	17.50	17.21	17.8	0				
3	QPSK	1	12	17.39	17.50	17.21						
3	QPSK	8	0	17.42	17.54	17.42						
3	QPSK	8	7	17.44	17.53	17.41	17.8	0				
3	QPSK	8	7	17.32	17.41	17.31						
3	QPSK	15	0	17.41	17.49	17.34						
3	QPSK	15	7	17.48	17.56	17.43	17.8	0				
3	16QAM	1	0	17.47	17.57	17.33						
3	16QAM	1	14	17.23	17.58	17.37	17.8	0				
3	16QAM	8	0	17.44	17.48	17.44						
3	16QAM	8	7	17.30	17.39	17.28	17.8	0				
3	16QAM	8	7	17.49	17.54	17.41						
3	16QAM	1	0	17.35	17.38	17.33						
3	16QAM	1	14	17.27	17.47	17.31	17.8	0				
3	16QAM	1	14	17.31	17.34	17.29						
3	16QAM	8	0	17.44	17.54	17.38	17.8	0				
3	16QAM	8	7	17.43	17.50	17.41						
3	16QAM	8	7	17.50	17.44	17.33	17.8	0				
3	16QAM	8	7	17.35	17.40	17.31						
3	16QAM	8	7	17.48	17.46	17.35	17.8	0				
3	256QAM	1	0	17.46	17.39	17.31						
Channel												
26047 26344 26693												
1.4	QPSK	1	0	17.48	17.50	17.33			Turn-on time (dBm)	MFR (dB)		
1.4	QPSK	1	3	17.42	17.45	17.19						
1.4	QPSK	1	3	17.26	17.48	17.23	17.8	0				
1.4	QPSK	1	15	17.31	17.43	17.31						
1.4	QPSK	3	0	17.38	17.44	17.31						
1.4	QPSK	3	3	17.40	17.49	17.33	17.8	0				
1.4	QPSK	6	0	17.44	17.40	17.25						
1.4	QPSK	6	3	17.48	17.45	17.20	17.8	0				
1.4	16QAM	1	0	17.38	17.53	17.32						
1.4	16QAM	1	3	17.41	17.44	17.30						
1.4	16QAM	1	3	17.50	17.38	17.21	17.8	0				
1.4	16QAM	3	0	17.25	17.							

Band 26(FCC)_Ant 1													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mide Ch / Freq	Power High Ch / Freq	Turn-up Int (dB)	MPR (dB)					
Channel				26765	26865	26965							
Frequency (MHz)				821.5	831.5	841.5							
18	QPSK	1	0	24.26	24.36	24.31	25	0					
18	QPSK	1	37	24.25	24.30	24.18							
18	QPSK	1	74	24.11	24.19	24.05							
18	QPSK	36	0	23.27	23.30	23.21							
18	QPSK	36	37	23.26	23.15	23.01							
18	QPSK	75	0	23.24	23.13	23.05	24	1					
18	16QAM	1	0	23.43	23.43	23.46							
18	16QAM	1	37	23.28	23.34	23.31							
18	16QAM	1	74	23.24	23.31	23.26							
18	16QAM	36	0	22.08	22.21	22.10							
18	16QAM	36	20	22.23	22.28	22.23	23	2					
18	16QAM	36	59	22.13	22.20	22.19							
18	16QAM	75	0	22.01	22.11	22.07							
18	84QAM	1	0	22.48	22.48	22.47							
18	84QAM	1	37	22.38	22.38	22.39							
18	84QAM	1	74	22.15	22.20	22.16	22	3					
18	84QAM	36	0	21.16	21.22	21.15							
18	84QAM	36	20	21.15	21.27	21.25							
18	84QAM	36	59	21.15	21.18	21.17							
18	84QAM	75	0	21.02	21.16	21.07							
18	256QAM	1	0	19.08	19.09	19.10	20	5					
18	256QAM	1	37	19.18	19.15	19.05							
18	256QAM	1	74	19.23	19.13	19.22							
18	256QAM	36	0	19.14	19.08	19.11							
18	256QAM	36	20	19.21	19.17	19.14							
18	256QAM	75	0	19.08	19.10	19.10	20	5					
18	256QAM	75	0	19.21	19.20	19.20							
Channel													
Frequency (MHz)				26745	26845	26950							
18	QPSK	1	0	24.26	24.36	24.31	25	0					
18	QPSK	1	25	24.17	24.16	24.08							
18	QPSK	1	49	24.22	24.08	23.90							
18	QPSK	25	0	23.20	23.22	23.15							
18	QPSK	25	12	23.08	23.11	23.04							
18	QPSK	25	12	23.08	23.11	23.04	24	1					
18	QPSK	60	0	22.29	22.33	22.23							
18	16QAM	1	0	23.42	23.42	23.37							
18	16QAM	1	25	23.33	23.31	23.23							
18	16QAM	1	49	23.11	23.22	23.17							
18	16QAM	25	0	22.06	22.17	22.05	23	2					
18	16QAM	25	12	22.14	22.22	22.16							
18	16QAM	25	25	22.00	22.13	22.14							
18	16QAM	50	0	21.99	22.05	21.95							
18	16QAM	50	1	22.28	22.37	22.43							
18	84QAM	1	25	22.11	22.15	22.05	23	2					
18	84QAM	25	0	21.15	21.15	21.05							
18	84QAM	25	12	21.04	21.17	21.23							
18	84QAM	25	12	21.05	21.15	21.23							
18	84QAM	50	0	20.07	20.14	20.01							
18	256QAM	1	0	19.07	19.02	19.10	20	5					
18	256QAM	1	25	19.07	19.05	19.10							
18	256QAM	1	49	19.16	19.01	19.14							
18	256QAM	25	0	19.02	19.04	19.05							
18	256QAM	25	12	19.15	19.02	19.09							
18	256QAM	25	25	19.17	19.08	19.09	20	5					
18	256QAM	50	0	19.16	19.10	19.15							
Channel													
Frequency (MHz)				816.5	831.5	846.5							
5	QPSK	1	0	24.29	24.31	24.23	26	0					
5	QPSK	1	12	24.13	24.22	24.13							
5	QPSK	1	24	24.07	24.10	23.90							
5	QPSK	12	0	23.23	23.29	23.20							
5	QPSK	12	7	23.04	23.15	23.10							
5	QPSK	12	13	22.95	23.14	22.93	24	1					
5	QPSK	26	0	22.28	22.39	22.30							
5	16QAM	1	0	23.34	23.44	23.37							
5	16QAM	1	12	23.20	23.28	23.18							
5	16QAM	1	24	23.25	23.30	23.25							
5	16QAM	12	0	21.99	22.19	22.14	23	2					
5	16QAM	12	7	22.20	22.14	22.15							
5	16QAM	12	13	22.06	22.11	22.08							
5	16QAM	25	0	21.87	22.08	22.03							
5	84QAM	1	0	22.39	22.39	22.45							
5	84QAM	1	12	22.08	22.13	22.10	23	2					
5	84QAM	1	24	22.12	22.22	22.09							
5	84QAM	12	0	21.09	21.17	21.05							
5	84QAM	12	7	21.05	21.21	21.11							
5	84QAM	12	13	21.13	21.16	21.05							
5	84QAM	25	0	20.07	20.10	20.05	20	5					
5	256QAM	1	0	19.06	19.03	19.14							
5	256QAM	1	12	19.09	19.08	19.04							
5	256QAM	1	24	19.12	19.12	19.05							
5	256QAM	12	0	19.15	19.02	19.08							
5	256QAM	12	7	19.12	19.03	19.01	20	5					
5	256QAM	12	13	19.07	19.02	19.11							
5	256QAM	25	0	19.11	19.11	19.15							
Channel													
Frequency (MHz)				26975	26985	27035							
3	QPSK	1	0	24.22	24.31	24.25	26	0					
3	QPSK	1	8	24.20	24.15	24.13							
3	QPSK	1	14	24.03	24.14	23.93							
3	QPSK	8	0	23.22	23.25	23.13							
3	QPSK	8	4	22.96	23.13	23.05							
3	QPSK	8	7	22.91	23.13	22.98	24	1					
3	QPSK	16	0	22.92	22.98	22.92							
3	16QAM	1	0	23.31	23.44	23.29							
3	16QAM	1	8	23.26	23.18	23.16							
3	16QAM	1	14	23.09	23.16	23.10							
3	16QAM	8	0	22.01	22.10	22.04	23	2					
3	16QAM	8	4	22.21	22.26	22.22							
3	16QAM	8	7	22.09	22.05	22.10							
3	16QAM	16	0	21.05	22.00	22.01							
3	84QAM	1	0	22.42	22.43	22.33							
3	84QAM	1	8	22.15	22.13	22.10	23	2					
3	84QAM	1	14	22.02	22.28	22.05							
3	84QAM	8	0	21.01	21.17	21.04							
3	84QAM	8	4	21.09	21.24	21.10							
3	84QAM	8	7	21.02	21.08	21.04							
3	84QAM	16	0	20.99	21.14	20.94	22	3					
3	256QAM	1	0	19.02	19.03	19.02							
3	256QAM	8	0	19.06	19.06	19.03							
3	256QAM	8	4	19.12	19.09	19.03							
3	256QAM	8	7	19.14	19.04	19.10							
3	256QAM	16	0	19.07	19.10	19.26	20	5					
3	256QAM	16	0	19.16	19.10	19.15							
Channel													
Frequency (MHz)				814.7	831.5	848.3							
1.4	QPSK	1	0	24.18	24.30	24.21	25	0					
1.4	QPSK	1	1	24.17	24.25	24.20							
1.4	QPSK	1	2	24.01	24.10	24.02							
1.4	QPSK	3	0	24.16	24.26	24.22							
1.4	QPSK	3	1	24.17	24.24	24.17							
1.4	QPSK	3	2	24.07	24.05	23.90	24	1					
1.4	QPSK	6	0	24.06	24.07	24.04							
1.4	QPSK	6	1	23.95	23.93	23.85							
1.4	QPSK	1	5	23.23	23.29	23.18							
1.4	QPSK	1	8	23.16	23.16	23.14							
1.4	16QAM	1	0	23.23	23.28	23.24	24	1					
1.4	16QAM	1	5	23.15	23.14	23.01							
1.4	16QAM	1	8	23.02	23.01	22.92							
1.4	16QAM	1	11	22.90	22.90	22.82							
1.4	16QAM	1	14	22.42	22.43	22.43							
1.4	16QAM	3	0	22.42	22.43	22.43	23	2					
1.4	16QAM	3	5	22.30	22.30	22.28							
1.4	16QAM	3	8	22.17	22.17	22.17							
1.4	16QAM	3	11	22.07	22.07	22.07							
1.4	16QAM	3	14	22.02	22.02	22.02							
1.4	84QAM	1	0	20.07	20.02	20.06	22	3					
1.4	84QAM	1	5	19.98	19.98	19.98							
1.4	84QAM	1	8	19.12	19.14	19.10							
1.4	84QAM	1	11	19.20	19.01	19.21							
1.4	84QAM	1	14	19.14	19.06	19.08							
1.4	84QAM	3	0	19.11	19.08	19.03	20	5					
1.4	84QAM	3	5	19.13	19.07	19.13							
1.4	84QAM	3	8	19.14	19.14	19.14							
1.4	84QAM	3	11	19.07	19.08	19.05							
1.4	84QAM	3	14	19.04	19.04	19.04							

Band 66_Ant 4										
RF (MHz)	Modulation	RB Size	RB Offset	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Turnup Init. (dBm)	MPR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	17.75	17.68	17.68	17.68			
20	QPSK	1	49	17.76	17.69	17.69	17.69	18.5	0	
20	QPSK	1	99	17.76	17.68	17.68	17.64			
20	QPSK	1	147	17.76	17.68	17.68	17.68			
20	QPSK	50	24	17.67	17.68	17.68		18.5	0	
20	QPSK	50	74	17.66	17.68	17.68				
20	QPSK	50	124	17.66	17.68	17.68				
20	QPSK	50	174	17.66	17.68	17.68				
20	QPSK	1	0	17.74	17.75	17.70				
20	QPSK	1	49	17.74	17.75	17.70		18.5	0	
20	QPSK	1	99	17.77	17.81	17.69				
20	QPSK	50	0	17.68	17.67	17.66				
20	QPSK	50	49	17.65	17.65	17.65				
20	QPSK	50	99	17.66	17.74	17.68		18.5	0	
20	QPSK	100	0	17.75	17.78	17.71				
20	QPSK	100	49	17.75	17.78	17.71				
20	QPSK	1	0	17.72	17.73	17.73				
20	QPSK	1	49	17.72	17.68	17.71		18.5	0	
20	QPSK	1	99	17.68	17.75	17.70				
20	QPSK	50	24	17.66	17.75	17.70				
20	QPSK	50	74	17.66	17.77	17.70		18.5	0	
20	QPSK	50	124	17.66	17.77	17.70				
20	QPSK	50	174	17.66	17.77	17.70				
20	QPSK	100	0	17.75	17.76	17.65				
20	QPSK	100	49	17.75	17.76	17.65				
20	QPSK	1	0	17.75	17.75	17.69				
20	QPSK	1	49	17.75	17.75	17.69				
20	QPSK	1	99	17.72	17.72	17.73				
20	QPSK	50	0	17.72	17.72	17.73				
20	QPSK	50	49	17.72	17.72	17.73				
20	QPSK	50	99	17.72	17.72	17.73				
20	QPSK	50	149	17.72	17.72	17.73				
20	QPSK	50	199	17.72	17.72	17.73				
20	QPSK	50	249	17.72	17.72	17.73				
20	QPSK	50	299	17.72	17.72	17.73				
20	QPSK	50	349	17.72	17.72	17.73				
20	QPSK	50	399	17.72	17.72	17.73				
20	QPSK	50	449	17.72	17.72	17.73				
20	QPSK	50	499	17.72	17.72	17.73				
20	QPSK	50	549	17.72	17.72	17.73				
20	QPSK	50	599	17.72	17.72	17.73				
20	QPSK	50	649	17.72	17.72	17.73				
20	QPSK	50	699	17.72	17.72	17.73				
20	QPSK	50	749	17.72	17.72	17.73				
20	QPSK	50	799	17.72	17.72	17.73				
20	QPSK	50	849	17.72	17.72	17.73				
20	QPSK	50	899	17.72	17.72	17.73				
20	QPSK	50	949	17.72	17.72	17.73				
20	QPSK	50	999	17.72	17.72	17.73				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.74	17.67	17.67	17.67			
15	QPSK	1	26	17.72	17.59	17.68		18.5	0	
15	QPSK	1	52	17.68	17.65	17.65				
15	QPSK	20	0	17.66	17.64	17.68				
15	QPSK	20	12	17.66	17.66	17.62		18.5	0	
15	QPSK	50	0	17.66	17.62	17.63				
15	QPSK	50	12	17.64	17.62	17.68				
15	QPSK	50	25	17.64	17.64	17.67				
15	QPSK	1	49	17.67	17.78	17.63		18.5	0	
15	QPSK	1	99	17.67	17.78	17.63				
15	QPSK	50	24	17.68	17.54	17.59				
15	QPSK	50	74	17.68	17.54	17.59		18.5	0	
15	QPSK	25	25	17.63	17.61	17.63				
15	QPSK	25	75	17.63	17.61	17.63				
15	QPSK	1	0	17.61	17.64	17.69				
15	QPSK	1	26	17.69	17.64	17.65		18.5	0	
15	QPSK	1	52	17.69	17.64	17.65				
15	QPSK	20	0	17.62	17.60	17.65				
15	QPSK	20	12	17.60	17.60	17.59		18.5	0	
15	QPSK	50	0	17.60	17.57	17.63				
15	QPSK	50	12	17.58	17.57	17.63				
15	QPSK	1	49	17.69	17.71	17.68				
15	QPSK	1	99	17.69	17.71	17.68				
15	QPSK	25	25	17.62	17.60	17.62		18.5	0	
15	QPSK	25	75	17.62	17.60	17.62				
15	QPSK	50	24	17.64	17.71	17.63				
15	QPSK	50	74	17.64	17.71	17.63				
15	QPSK	1	0	17.70	17.61	17.67		18.5	0	
15	QPSK	1	26	17.67	17.58	17.63				
15	QPSK	1	52	17.67	17.58	17.63				
15	QPSK	20	0	17.68	17.68	17.62				
15	QPSK	20	12	17.62	17.60	17.62		18.5	0	
15	QPSK	50	0	17.62	17.59	17.62				
15	QPSK	50	12	17.60	17.57	17.62				
15	QPSK	1	49	17.67	17.66	17.67		18.5	0	
15	QPSK	1	99	17.67	17.66	17.67				
15	QPSK	25	25	17.60	17.58	17.60				
15	QPSK	25	75	17.60	17.58	17.60				
15	QPSK	50	24	17.64	17.74	17.59				
15	QPSK	50	74	17.64	17.74	17.59				
15	QPSK	1	0	17.83	17.69	17.63		18.5	0	
15	QPSK	1	49	17.83	17.69	17.63				
15	QPSK	1	99	17.81	17.72	17.69				
15	QPSK	50	0	17.81	17.72	17.69				
15	QPSK	50	49	17.77	17.67	17.68				
15	QPSK	100	0	17.81	17.73	17.62				
15	QPSK	100	49	17.81	17.73	17.62				
15	QPSK	1	0	17.80	17.68	17.63		18.5	0	
15	QPSK	1	49	17.80	17.68	17.63				
15	QPSK	1	99	17.78	17.68	17.63				
15	QPSK	50	0	17.78	17.68	17.63				
15	QPSK	50	49	17.78	17.68	17.63				
15	QPSK	50	99	17.78	17.68	17.63				
15	QPSK	50	149	17.78	17.68	17.63				
15	QPSK	50	199	17.78	17.68	17.63				
15	QPSK	50	249	17.78	17.68	17.63				
15	QPSK	50	299	17.78	17.68	17.63				
15	QPSK	50	349	17.78	17.68	17.63				
15	QPSK	50	399	17.78	17.68	17.63				
15	QPSK	50	449	17.78	17.68	17.63				
15	QPSK	50	499	17.78	17.68	17.63				
15	QPSK	50	549	17.78	17.68	17.63				
15	QPSK	50	599	17.78	17.68	17.63				
15	QPSK	50	649	17.78	17.68	17.63				
15	QPSK	50	699	17.78	17.68	17.63				
15	QPSK	50	749	17.78	17.68	17.63				
15	QPSK	50	799	17.78	17.68	17.63				
15	QPSK	50	849	17.78	17.68	17.63				
15	QPSK	50	899	17.78	17.68	17.63				
15	QPSK	50	949	17.78	17.68	17.63				
15	QPSK	50	999	17.78	17.68	17.63				
Channel										
Frequency (MHz)										
14	QPSK	1	0	17.71	17.70	17.62				
14	QPSK	1	3	17.64	17.60	17.58		18.5	0	
14	QPSK	1	6	17.60	17.58	17.59				
14	QPSK	3	0	17.65	17.62	17.59				
14	QPSK	3	3	17.62	17.62	17.66				
14	QPSK	3	6	17.62	17.62	17.66				
14	QPSK	6	0	17.65	17.65	17.59		18.5	0	
14	QPSK	6	3	17.59	17.73	17.63				
14	QPSK	6	6	17.66	17.66	17.59				
14	QPSK	1	0	17.66	17.70	17.57		18.5	0	
14	QPSK	1	3	17.66	17.66	17.57				
14	QPSK	1	6	17.66	17.66	17.57				
14	QPSK	3	0	17.66	17.66	17.57				
14	QPSK	3	3	17.65	17.68	17.65				
14	QPSK	3	6	17.65	17.68	17.65				
14	QPSK	6	0	17.60	17.67	17.63		18.5	0	
14	QPSK	6	3	17.63	17.63	17.68				
14	QPSK	6	6	17.63	17.63	17.68				
14	QPSK	1	0	17.67	17.70	17.59				
14	QPSK	1	3	17.69	17.68	17.48				
14	QPSK	1	6	17.69	17.68	17.48				
14	QPSK	3	0	17.70	17.70	17.59		18.5	0	
14	QPSK	3	3	17.70	17.66	17.48				
14	QPSK	3	6	17.70	17.66	17.48				
14	QPSK	6	0	17.67	17.63	17.63				
14	QPSK	6	3	17.62	17.70	17.57		18.5	0	
14	QPSK	6	6	17.62	17.70	17.57				
14	QPSK	1	0	17.73	17.73	17.59				
14	QPSK	1	3	17.60	17.61	17.68		18.5	0	
14	QPSK	1	6	17.64	17.73	17.59				
14	QPSK	3	0	17.60	17.61	17.68				
14	QPSK	3	3	17.60	17.61	17.68				
14	QPSK									

Band 6, Ant 6										
RF [MHz]	Modulation	RF BW [MHz]	RF Offset	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Turn-up time [min]	MPE [dB]		
Channel				130172	130232	130272				
Frequency (MHz)										
20	QPSK	1	0	17.20	14.74	13.75				
20	QPSK	1	49	15.49	15.57	15.63	15.5	0		
20	QPSK	1	99	15.58	15.68	15.75				
20	QPSK	1	149	15.67	15.77	15.83				
20	QPSK	60	24	15.58	15.60	15.62				
20	QPSK	100	50	15.48	15.59	15.66	15.5	0		
20	QPSK	100	99	15.57	15.67	15.74				
20	16QAM	1	0	15.32	15.54	15.61				
20	16QAM	1	49	15.41	15.51	15.56	15.5	0		
20	16QAM	1	99	15.48	15.59	15.66				
20	16QAM	50	0	15.58	15.68	15.73				
20	16QAM	50	49	15.67	15.76	15.82				
20	16QAM	50	99	15.76	15.85	15.90	15.5	0		
20	16QAM	100	0	15.47	15.57	15.64				
20	16QAM	100	49	15.56	15.67	15.74				
20	16QAM	100	99	15.65	15.75	15.81	15.5	0		
20	256QAM	1	0	15.52	15.67	15.79				
20	256QAM	1	49	15.61	15.71	15.76				
20	256QAM	1	99	15.64	15.76	15.80				
20	256QAM	50	0	15.54	15.63	15.68				
20	256QAM	50	49	15.63	15.73	15.78				
20	256QAM	50	99	15.66	15.77	15.84				
20	256QAM	100	0	15.54	15.67	15.76	Turn-up time [min]	MPE [dB]		
Frequency (MHz)										
15	QPSK	1	0	17.17	17.48	17.73				
15	QPSK	1	49	15.46	15.54	15.59	15.5	0		
15	QPSK	1	99	15.55	15.65	15.71				
15	QPSK	1	149	15.64	15.69	15.72				
15	QPSK	36	0	15.81	15.93	15.93				
15	QPSK	36	49	15.93	15.93	15.97				
15	QPSK	36	99	15.93	15.94	15.91	15.5	0		
15	QPSK	75	0	15.93	15.92	15.93				
15	QPSK	75	49	15.93	15.93	15.92				
15	16QAM	1	0	15.59	15.53	15.51	15.5	0		
15	16QAM	1	49	15.67	15.67	15.67				
15	16QAM	1	99	15.67	15.67	15.64				
15	16QAM	36	0	15.43	15.52	15.54				
15	16QAM	36	49	15.52	15.58	15.59				
15	16QAM	36	99	15.58	15.49	15.52	15.5	0		
15	16QAM	75	0	15.44	15.62	15.59				
15	16QAM	75	49	15.49	15.58	15.41				
15	16QAM	75	99	15.57	15.67	15.62	15.5	0		
15	16QAM	1	0	15.59	15.57	15.61				
15	16QAM	1	49	15.67	15.67	15.64				
15	16QAM	1	99	15.67	15.67	15.64				
15	16QAM	36	0	15.43	15.52	15.54				
15	16QAM	36	49	15.52	15.58	15.59				
15	16QAM	36	99	15.58	15.49	15.52	15.5	0		
15	16QAM	75	0	15.44	15.62	15.59				

[illegible]

Band 66_Ant 0												
RF [MHz]	Modulation	RB Size	RF Offset	Power [Watt]	Power [dBm]	Power [Watt]	Power [dBm]	Time-on-Air [min]	MPE [dB]			
Channel				13022	13032	13032						
20	QPSK	1	0	16.66	16.66	16.66	17.3	0				
20	QPSK	1	49	16.66	16.63	16.56						
20	QPSK	1	99	16.63	16.76	16.67						
20	QPSK	50	24	16.66	16.74	16.67						
20	QPSK	50	24	16.60	16.72	16.60						
20	QPSK	50	50	16.60	16.68	16.61						
20	QPSK	100	24	16.60	16.63	16.57						
20	16QAM	1	0	16.60	16.65	16.64						
20	16QAM	1	49	16.60	16.63	16.56						
20	16QAM	1	99	16.60	16.73	16.68						
20	16QAM	50	3	16.64	16.69	16.62						
20	16QAM	50	24	16.64	16.68	16.63						
20	16QAM	50	50	16.61	16.72	16.67						
20	16QAM	100	0	16.67	16.70	16.68						
20	84QAM	1	49	16.67	16.74	16.68						
20	84QAM	1	99	16.70	16.64	16.63						
20	84QAM	50	24	16.69	16.63	16.54						
20	84QAM	50	24	16.65	16.76	16.66						
20	25QPSK	1	0	16.65	16.69	16.68						
20	25QPSK	1	49	16.63	16.66	16.62						
20	25QPSK	1	99	16.71	16.74	16.68						
20	25QPSK	50	3	16.59	16.74	16.68						
20	25QPSK	50	24	16.62	16.66	16.62						
20	25QPSK	100	0	16.64	16.69	16.66						
Channel				13022	13032	13032	Time-on-Air [min]	MPE [dB]				
15	QPSK	1	0	17.17	17.16	17.15						
15	QPSK	1	3	16.61	16.70	16.68						
15	QPSK	1	37	16.63	16.71	16.67						
15	QPSK	1	74	16.62	16.81	16.57						
15	QPSK	36	3	16.67	16.82	16.60						
15	QPSK	36	39	16.58	16.69	16.45						
15	QPSK	36	39	16.65	16.84	16.56						
15	QPSK	75	0	16.65	16.87	16.53						
15	QPSK	75	0	16.58	16.87	16.62						
15	16QAM	1	37	16.45	16.69	16.62						
15	16QAM	1	74	16.61	16.68	16.57						
15	16QAM	36	0	16.59	16.54	16.57						
15	16QAM	36	20	16.52	16.58	16.49						
15	16QAM	36	20	16.58	16.68	16.60						
15	16QAM	75	0	16.58	16.55	16.48						
15	84QAM	1	0	16.55	16.63	16.56						
15	84QAM	1	37	16.64	16.68	16.62						
15	84QAM	1	74	16.65	16.69	16.62						
15	84QAM	36	0	16.60	16.57	16.56						
15	84QAM	36	20	16.61	16.59	16.45						
15	84QAM	36	39	16.60	16.59	16.05						
15	84QAM	75	0	16.55	16.61	16.54						
15	25QPSK	1	0	16.52	16.58	16.56						
15	25QPSK	1	37	16.60	16.82	16.58						
15	25QPSK	1	37	16.55	16.82	16.60						
15	25QPSK	36	20	16.59	16.73	16.54						
15	25QPSK	36	20	16.56	16.81	16.63						
15	25QPSK	75		16.57	16.82	16.58						
Channel				13022	13032	13032	Time-on-Air [min]	MPE [dB]				
10	QPSK	1	0	16.58	16.70	16.58						
10	QPSK	1	25	16.62	16.55	16.43						
10	QPSK	1	37	16.63	16.61	16.57						
10	QPSK	26	0	16.62	16.62	16.53						
10	QPSK	25	12	16.62	16.63	16.53						
10	QPSK	25	20	16.61	16.63	16.45						
10	QPSK	50	0	16.58	16.71	16.54						
10	QPSK	50	24	16.64	16.70	16.61						
10	16QAM	1	25	16.64	16.70	16.53						
10	16QAM	1	49	16.59	16.59	16.57						
10	16QAM	26	0	16.63	16.67	16.61						
10	16QAM	25	12	16.52	16.56	16.51						
10	16QAM	25	20	16.49	16.57	16.49						
10	84QAM	1	25	16.63	16.57	16.44						
10	84QAM	1	5	16.54	16.54	16.56						
10	84QAM	26	0	16.47	16.56	16.56						
10	84QAM	25	12	16.60	16.59	16.52						
10	84QAM	25	20	16.59	16.58	16.48						
10	84QAM	50	0	16.56	16.63	16.52						
10	25QPSK	1	25	16.63	16.52	16.57						
10	25QPSK	1	49	16.59	16.62	16.52						
10	25QPSK	26	0	16.54	16.72	16.58						
10	25QPSK	25	12	16.59	16.58	16.51						
10	25QPSK	25	20	16.63	16.62	16.47						
10	25QPSK	50	0	16.58	16.58	16.45						
Channel				13022	13032	13032	Time-on-Air [min]	MPE [dB]				
8	QPSK	1	0	17.15	17.15	17.15						
8	QPSK	1	12	16.52	16.59	16.50						
8	QPSK	1	24	16.56	16.72	16.64						
8	QPSK	12	0	16.65	16.63	16.45						
8	QPSK	12	7	16.46	16.57	16.56						
8	QPSK	12	13	16.63	16.57	16.56						
8	QPSK	25	0	16.62	16.59	16.45						
8	16QAM	1	0	16.57	16.51	16.63						
8	16QAM	1	12	16.63	16.60	16.65						
8	16QAM	1	24	16.61	16.81	16.63						
8	16QAM	12	0	16.61	16.58	16.47						
8	16QAM	12	7	16.63	16.63	16.53						
8	16QAM	12	13	16.63	16.60	16.52						
8	16QAM	25	0	16.64	16.64	16.43						
8	16QAM	25	0	16.63	16.61	16.56						
8	84QAM	1	12	16.68	16.61	16.47						
8	84QAM	1	24	16.66	16.51	16.51						
8	84QAM	12	0	16.48	16.55	16.53						
8	84QAM	12	7	16.60	16.53	16.53						
8	84QAM	12	13	16.61	16.60	16.49						
8	84QAM	25	0	16.57	16.74	16.50						
8	25QPSK	1	0	16.54	16.67	16.56						
8	25QPSK	1	12	16.63	16.62	16.46						
8	25QPSK	1	24	16.55	16.64	16.50						
8	25QPSK	12	0	16.55	16.64	16.55						
8	25QPSK	12	7	16.63	16.57	16.48						
8	25QPSK	12	13	16.58	16.55	16.45						
8	25QPSK	25	0	16.55	16.67	16.41						
Channel				13022	13032	13032	Time-on-Air [min]	MPE [dB]				
4	QPSK	1	0	16.66	16.66	16.66						
4	QPSK	1	6	16.66	16.63	16.56						
4	QPSK	1	14	16.55	16.72	16.50						
4	QPSK	8	0	16.59	16.70	16.59						
4	QPSK	8	6	16.60	16.68	16.60						
4	QPSK	8	7	16.68	16.66	16.48						
4	QPSK	15	0	16.64	16.59	16.48						
4	QPSK	15	6	16.67	16.52	16.53						
4	16QAM	1	8	16.51	16.66	16.60						
4	16QAM	1	14	16.64	16.70	16.65						
4	16QAM	8	0	16.61	16.67	16.56						
4	16QAM	8	4	16.52	16.68	16.49						
4	16QAM	15	0	16.53	16.68	16.53						
4	84QAM	1	0	16.55	16.67	16.54						
4	84QAM	1	6	16.68	16.63	16.47						
4	84QAM	8	0	16.57	16.70	16.61						
4	84QAM	8	7	16.60	16.54	16.56						
4	25QPSK	1	0	16.53	16.65	16.54						
4	25QPSK	1	6	16.60	16.60	16.45						
4	25QPSK	1	14	16.59	16.61	16.51						
4	25QPSK	8	0	16.55	16.66	16.57						
4	25QPSK	8	4	16.56	16.56	16.57						
4	25QPSK	15	0	16.54	16.62	16.41						
Channel				13022	13032	13032	Time-on-Air [min]	MPE [dB]				
1.4	QPSK	1	0	16.60	16.72	16.60						
1.4	QPSK	1	3	16.64	16.71	16.61						
1.4	QPSK	1	6	16.60	16.69	16.60						
1.4	QPSK	3	0	16.67	16.72	16.50						
1.4	QPSK	3	3	16.66	16.65	16.49						
1.4	16QAM	6	0	16.62	16.65	16.43						
1.4	16QAM	1	0	16.60	16.64	16.53						
1.4	16QAM	1	6	16.61	16.67	16.56						
1.4	16QAM	1	5	16.64	16.64	16.65						
1.4	84QAM	1	0	16.60	16.60	16.50						
1.4	84QAM	1	6	16.65	16.64	16.51						
1.4	84QAM	3	0	16.59	16.69	16.61						
1.4	84QAM	3	3	16.63	16.62	16.41						
1.4	84QAM	1	0	16.57	16.67	16.03						
1.4	84QAM	1	3	16.62	16.60	16.45						
1.4	84QAM	1	6	16.66	16.66	16.48						
1.4	84QAM	3	0	16.58	16.64	16.48						
1.4	84QAM	3	3	16.65	16.64	16.48						

Band 71_Ant 1									
EW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (min)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	21.39	24.18	24.35	24.3	0	
20	QPSK	1	49	24.40	24.38	24.36			
20	QPSK	1	99	23.82	24.01	23.99			
20	QPSK	50	0	22.65	22.87	22.82	23.3	1	
20	QPSK	24	0	22.63	22.87	22.82			
20	QPSK	50	50	22.63	22.79	22.82			
20	QPSK	100	0	22.63	22.77	22.79			
20	HQAM	1	0	22.61	22.66	22.66	23.3	1	
20	HQAM	1	49	23.01	23.09	23.02			
20	HQAM	1	99	22.54	22.83	22.81			
20	HQAM	50	0	21.74	21.82	21.88	22.3	2	
20	HQAM	50	24	21.74	21.87	21.72			
20	HQAM	50	50	21.81	21.91	21.78			
20	HQAM	100	0	21.88	21.77	21.74			
20	HQAM	1	0	21.87	22.10	22.05	22.3	2	
20	HQAM	1	49	21.75	21.86	21.82			
20	HQAM	1	99	22.12	22.15	22.14			
20	HQAM	50	0	20.75	20.72	20.71	21.3	3	
20	HQAM	50	24	20.73	20.88	20.84			
20	HQAM	50	50	20.73	20.81	20.88			
20	HQAM	100	0	20.64	20.72	20.64			
20	SSBQAM	1	0	18.74	18.84	18.78	19.3	5	
20	SSBQAM	1	49	18.79	18.72	18.80			
20	SSBQAM	1	99	18.85	18.74	18.86			
20	SSBQAM	36	0	18.85	18.74	18.85			
20	SSBQAM	50	24	18.85	18.76	18.86	19.3	5	
20	SSBQAM	50	50	18.85	18.76	18.77			
20	SSBQAM	100	0	18.87	18.78	18.75			
Channel									
Frequency (MHz)									
15	QPSK	1	0	24.08	24.08	23.96	24.3	0	
15	QPSK	1	37	23.94	23.92	23.98			
15	QPSK	1	74	23.92	23.96	23.90			
15	QPSK	36	0	22.74	22.85	22.79	23.3	1	
15	QPSK	36	20	22.59	22.79	22.68			
15	QPSK	36	39	22.68	22.67	22.69			
15	QPSK	75	0	22.48	22.73	22.62	23.3	1	
15	HQAM	1	0	22.69	22.92	22.78	23.3	1	
15	HQAM	1	37	22.80	23.08	22.92			
15	HQAM	1	74	22.48	22.50	22.48	22.3	2	
15	HQAM	36	0	21.63	21.81	21.81			
15	HQAM	36	20	21.60	21.82	21.82			
15	HQAM	36	39	21.78	21.88	21.71			
15	HQAM	75	0	21.82	21.74	21.82	22.3	2	
15	HQAM	1	0	21.84	22.04	22.03			
15	HQAM	1	37	21.84	21.76	21.75			
15	HQAM	1	74	22.01	22.08	22.07			
15	HQAM	36	0	20.67	20.81	20.96	21.3	3	
15	HQAM	36	20	20.71	20.78	20.83			
15	HQAM	36	39	20.64	20.76	20.82			
15	HQAM	75	0	20.50	20.59	20.62	19.3	5	
15	SSBQAM	1	0	18.66	18.71	18.76			
15	SSBQAM	1	37	18.55	18.65	18.62			
15	SSBQAM	1	74	18.60	18.69	18.58			
15	SSBQAM	36	0	18.58	18.64	18.60			
15	SSBQAM	36	20	18.60	18.72	18.59	19.3	5	
15	SSBQAM	36	39	18.64	18.64	18.60			
15	SSBQAM	75	0	18.67	18.68	18.66			
Channel									
Frequency (MHz)									
10	QPSK	1	0	668	680.5	693	24.3	0	
10	QPSK	1	25	23.92	24.03	24.14			
10	QPSK	1	49	23.79	23.86	23.88			
10	QPSK	25	0	22.82	22.83	22.70	23.3	1	
10	QPSK	12	0	22.80	22.71	22.80			
10	QPSK	25	25	22.54	22.74	22.58			
10	HQAM	1	0	22.58	22.75	22.65	23.3	1	
10	HQAM	1	49	22.73	22.80	22.78			
10	HQAM	1	25	22.91	22.95	22.88	23.3	1	
10	HQAM	1	49	22.42	22.54	22.44			
10	HQAM	25	0	21.68	21.73	21.63	22.3	2	
10	HQAM	25	12	21.61	21.76	21.69			
10	HQAM	25	25	21.72	21.88	21.77			
10	HQAM	50	0	21.61	21.75	21.73	22.3	2	
10	HQAM	1	0	21.84	21.95	21.98			
10	HQAM	1	25	21.89	21.84	21.87			
10	HQAM	1	49	22.09	22.00	21.99	22.3	2	
10	HQAM	25	0	20.56	20.59	20.60	21.3	3	
10	HQAM	25	12	20.62	20.83	20.76			
10	HQAM	25	25	20.62	20.75	20.67			
10	HQAM	50	0	20.62	20.65	20.63	19.3	5	
10	SSBQAM	1	0	18.73	18.73	18.63			
10	SSBQAM	1	25	18.68	18.68	18.48			
10	SSBQAM	1	49	18.55	18.67	18.52			
10	SSBQAM	25	0	18.57	18.66	18.57			
10	SSBQAM	25	12	18.64	18.68	18.52	19.3	5	
10	SSBQAM	25	25	18.54	18.70	18.70			
10	SSBQAM	50	0	18.52	18.69	18.52			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.15	24.07	23.97	24.3	0	
5	QPSK	1	12	23.87	23.94	23.98			
5	QPSK	1	24	23.85	23.97	23.86			
5	QPSK	12	0	22.80	22.75	22.71	23.3	1	
5	QPSK	12	7	22.64	22.80	22.70			
5	QPSK	13	0	22.82	22.87	22.83			
5	QPSK	25	0	22.52	22.68	22.56	23.3	1	
5	HQAM	1	0	22.71	22.87	22.80	23.3	1	
5	HQAM	1	12	23.06	23.02	23.00			
5	HQAM	1	24	22.47	22.62	22.37			
5	HQAM	12	7	21.71	21.79	21.65	22.3	2	
5	HQAM	12	13	21.76	21.90	21.84			
5	HQAM	36	0	21.62	21.72	21.65	22.3	2	
5	HQAM	1	0	21.91	22.05	21.91			
5	HQAM	1	12	21.70	21.83	21.69			
5	HQAM	1	24	22.11	22.12	22.12			
5	HQAM	12	0	20.59	20.62	20.67	21.3	3	
5	HQAM	12	7	20.68	20.79	20.79			
5	HQAM	12	13	20.68	20.77	20.56			
5	HQAM	25	0	20.54	20.71	20.56	19.3	5	
5	SSBQAM	1	0	18.72	18.75	18.71			
5	SSBQAM	1	12	18.57	18.59	18.55			
5	SSBQAM	1	24	18.51	18.71	18.62			
5	SSBQAM	12	0	18.53	18.56	18.50			
5	SSBQAM	12	7	18.59	18.71	18.62	19.3	5	
5	SSBQAM	12	13	18.61	18.69	18.62			
5	SSBQAM	25	0	18.65	18.75	18.62			

Band 71_Ant 0									
EW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (min)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	23.10	23.23	23.28	23.4	0	
20	QPSK	1	49	23.81	23.78	23.69			
20	QPSK	1	99	22.83	22.82	22.82			
20	QPSK	50	0	22.22	22.26	22.15	22.4	1	
20	QPSK	24	0	22.12	22.21	22.18			
20	QPSK	50	50	21.92	21.94	21.83			
20	QPSK	100	0	22.98	22.12	22.03			
20	HQAM	1	0	23.33	23.24	23.22	22.4	1	
20	HQAM	1	49	22.22	22.28	22.19			
20	HQAM	1	99	21.99	22.05	22.02			
20	HQAM	50	0	21.61	21.62	21.57	21.4	2	
20	HQAM	50	24	20.81	20.89	20.77			
20	HQAM	50	50	20.97	21.06	20.93			
20	HQAM	100	0	20.89	20.98	20.83			
20	HQAM	1	0	21.88	21.92	21.75	21.4	2	
20	HQAM	50	0	19.83	19.94	19.86	20.4	3	
20	HQAM	50	24	19.96	20.03	19.91			
20	HQAM	50	50	19.89	19.99	19.94			
20	HQAM	100	0	19.97	20.07	20.02			
20	SSBQAM	1	0	18.28	18.33	18.27	18.4	5	
20	SSBQAM	1	49	18.07	18.10	18.01			
20	SSBQAM	1	99	18.25	18.30	18.17			
20	SSBQAM	36	0	18.25	18.30	18.17			
20	SSBQAM	50	24	18.20	18.24	18.10	18.4	5	
20	SSBQAM	50	50	18.20	18.22	18.15			
20	SSBQAM	100	0	18.12	18.21	18.18			
Channel									
Frequency (MHz)									
15	QPSK	1	0	23.09	23.22	23.21	23.4	0	
15	QPSK	1	37	22.87	23.12	23.08			
15	QPSK	1	74	22.74	22.99	22.92			
15	QPSK	36	0	22.24	22.32	22.28	22.4	1	
15	QPSK	36	24	21.74	21.79	21.72			
15	QPSK	50	0	22.04	22.08	22.00			
15	QPSK	50	24	21.92	21.94	21.83	21.4	2	
15	QPSK	75	0	22.03	22.06	22.00			
15	QPSK	75	24	21.91	21.92	21.81			
15	HQAM	1	0	23.33	23.24	23.22	22.4	1	
15	HQAM	1	37	22.17	22.18	22.08			
15	HQAM	1	74	21.89	21.96	21.88			
15	HQAM	36	0	21.61	21.62	21.57	21.4	2	
15	HQAM	36	24	20.81	20.89	20.77			
15	HQAM	36	50	20.97	20.97	20.84			
15	HQAM	75	0	20.89	20.98	20.83			
15	HQAM	1	0	21.88	21.94	21.71	21.4	2	
15	HQAM	1	37	20.83	20.96	20.83			
15	HQAM	1	74	20.97	21.06	20.93			
15	HQAM	36	0	19.85	19.91	19.77	18.4	5	
15	HQAM	36	24	19.87	19.94	19.79			
15	HQAM	36	50	19.88	19.93	19.83			
15	HQAM	75	0	19.90	19.98	19.84			
15	HQAM	1	0	19.88	19.93	19.79	18.4	5	
15	SSBQAM	1	0	17.95	18.05	17.90	18.4	5	
15	SSBQAM	1	37	17.96	18.01	17.88			
15	SSBQAM	1	74	18.21	18.24	18.21			
15	SSBQAM	36	0	18.13	18.18	18.08	18.4	5	
15	SSBQAM	36	24	18.13	18.13	17.98			
15	SSBQAM	36	50	18.15	18.12	18.09			
15	SSBQAM	75	0	18.05	18.11	18.11			
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.13	19.23	19.23	23.4	0	
10	QPSK	1	25	20.03	20.12	20.03			
10	QPSK	1	49	22.82	22.88	22.72			
10	QPSK	1	74	22.81	22.81	22.71			
10	QPSK	25	12	22.00	22.05	21.99	22.4	1	
10	QPSK	25	25	21.91	21.82	21.81			
10	QPSK	50	0	21.87	21.88	21.77			
10	HQAM	1	0	23.31	23.20	23.11	22.4	1	
10	HQAM	1	25	22.17	22.14	22.05			
10	HQAM	1	49	22.02	22.07	21.98			
10	HQAM	25	12	21.00	21.02	20.95	21.4	2	
10	HQAM	25	25	20.90	20.85	20.76			
10	HQAM	50	0	20.87	20.87	20.76			
10	HQAM	50	25	20.82	20.82	20.70			
10	HQAM	25	12	20.84	21.01	20.87	21.4	2	
10	HQAM	1	49	20.72	20.84	20.80			
10	HQAM	25	12	19.85	19.85	19.72	20.4	3	
10	HQAM	25	25	19.85	19.97	19.79			
10	HQAM	50	0	18.15	18.27	18.15	18.4	5	
10	HQAM	50	25	18.19	18.19	18.11			
10	HQAM	25	12	18.15	18.15	18.05	18.4	5	
10	HQAM	25	25	18.19	18.14	18.08			
10	SSBQAM	50	0	18.03	18.14	18.09			
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.15	23.30	23.31	23.4	0	
5	QPSK	1	12	22.01	22.15	22.08			
5	QPSK	1	25	22.01	22.15	22.08			
5	QPSK	12	0	22.00	22.16	22.12	22.4	1	
5	QPSK	12	7	22.08	22.18	22.14			
5	QPSK	25	0	22.02	22.18	22.17			
5	QPSK	25	0	22.04	21.98	21.99			
5	HQAM	1	0	23.30	23.20	23.19	22.4	1	
5	HQAM	1	12	22.09	22.24	22.27			
5	HQAM	1	24	21.89	22.07	21.94			
5	HQAM	12	7	20.83	20.94	20.89	21.4	2	
5	HQAM	12	7	20.83	20.94	20.89			
5	HQAM	1	0	21.58	21.21	21.02			
5	HQAM	1	12	20.92	20.91	20.80	21.4	2	
5	HQAM	1	25	20.92	20.91	20.80			
5	HQAM	12	0	19.84	19.92	19.83	20.4	3	
5	HQAM	12	12	19.92	19.97	19.88			
5	HQAM	25	0	18.03	18.03	18.00	18.4	5	
5	HQAM	25	0	18.07	18.05	18.00			
5	SSBQAM	1	0	18.07	18.05	18.00			
5	SSBQAM	1	12	18.04	18.05	18.00	18.4	5	
5	SSBQAM	1	24	18.13	18.31	18.09			
5	SSBQAM	12	7	18.12	18.27	18.27	18.4	5	
5	SSBQAM	12	7	18.19	18.19	18.18			
5	SSBQAM	12	13	18.17	18.16	18.04			
5	SSBQAM	25	0	18.00	18.00	18.00	18.4	5	

Band 38_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-on time (s)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	19.21	19.27	19.33	19.5	0	
20	QPSK	1	49	18.85	18.91	18.97			
20	QPSK	1	99	18.49	18.56	18.79			
20	QPSK	50	0	18.27	18.36	18.61			
20	QPSK	50	24	18.73	18.79	18.86			
20	QPSK	50	50	18.63	18.69	18.79	19.5	0	
20	QPSK	100	0	18.79	18.80	18.86			
20	16QAM	1	49	18.85	18.91	18.97	19.5	0	
20	16QAM	1	49	18.81	18.89	18.77			
20	16QAM	1	99	18.86	18.94	18.76			
20	16QAM	50	0	18.73	18.80	18.79			
20	16QAM	50	24	18.77	18.85	18.76	19.5	0	
20	16QAM	50	50	18.86	18.92	18.79			
20	16QAM	100	0	18.77	18.80	18.74			
20	64QAM	1	0	18.77	18.82	18.76	19.5	0	
20	64QAM	1	49	18.72	18.76	18.77			
20	64QAM	1	99	18.85	18.83	18.81			
20	64QAM	50	0	18.77	18.87	18.75			
20	64QAM	50	24	18.73	18.80	18.79	19.5	0	
20	64QAM	50	50	18.87	18.89	18.71			
20	64QAM	100	0	18.88	18.88	18.89			
20	256QAM	1	49	18.90	18.87	18.77	19.5	0	
20	256QAM	1	49	18.90	18.88	18.85			
20	256QAM	1	99	18.77	18.87	18.85			
20	256QAM	50	0	18.73	18.84	18.73			
20	256QAM	50	24	18.85	18.96	18.82	19.5	0	
20	256QAM	50	50	18.88	18.90	18.82			
20	256QAM	100	0	18.80	18.90	18.83			
Channel									
Frequency (MHz)									
15	QPSK	1	0	19.63	19.50	19.62	19.5	0	
15	QPSK	1	37	18.81	18.87	18.69			
15	QPSK	1	74	18.81	18.93	18.69			
15	QPSK	1	99	18.81	18.89	18.77			
15	QPSK	36	20	18.74	18.90	18.68	19.5	0	
15	QPSK	36	39	18.74	18.96	18.79			
15	QPSK	75	0	18.71	18.77	18.70			
15	16QAM	1	0	18.81	18.74	18.72	19.5	0	
15	16QAM	1	37	18.80	18.87	18.69			
15	16QAM	1	74	18.80	18.90	18.66			
15	16QAM	36	0	18.72	18.86	18.76			
15	16QAM	36	20	18.62	18.78	18.69	19.5	0	
15	16QAM	36	39	18.77	18.79	18.64			
15	16QAM	75	0	18.86	18.91	18.68			
15	64QAM	1	0	18.74	18.87	18.69	19.5	0	
15	64QAM	1	37	18.69	18.93	18.67			
15	64QAM	1	74	18.71	18.76	18.67			
15	64QAM	36	0	18.65	18.84	18.61			
15	64QAM	36	20	18.59	18.92	18.78	19.5	0	
15	64QAM	36	39	18.81	18.86	18.62			
15	64QAM	75	0	18.83	18.94	18.74			
15	256QAM	1	0	18.81	18.76	18.76	19.5	0	
15	256QAM	1	37	18.73	18.83	18.63			
15	256QAM	1	74	18.71	18.75	18.67			
15	256QAM	36	0	18.73	18.85	18.63	19.5	0	
15	256QAM	36	20	18.68	18.72	18.70			
15	256QAM	36	39	18.76	18.88	18.72			
15	256QAM	75	0	18.66	18.96	18.79	19.5	0	
Channel									
Frequency (MHz)									
10	QPSK	1	0	18.85	18.90	18.75	19.5	0	
10	QPSK	1	12	18.84	18.81	18.68			
10	QPSK	1	24	18.82	18.98	18.68			
10	QPSK	12	0	18.77	18.81	18.71			
10	QPSK	12	7	18.74	18.88	18.65	19.5	0	
10	QPSK	25	0	18.80	18.91	18.67			
10	QPSK	25	12	18.77	18.79	18.67			
10	QPSK	25	25	18.77	18.79	18.76	19.5	0	
10	QPSK	50	0	18.74	18.90	18.68			
10	QPSK	50	12	18.80	18.82	18.73	19.5	0	
10	16QAM	1	24	18.79	18.90	18.71			
10	16QAM	12	7	18.67	18.79	18.65	19.5	0	
10	16QAM	12	13	18.76	18.75	18.64			
10	16QAM	25	0	18.76	18.86	18.69			
10	16QAM	25	12	18.73	18.76	18.70	19.5	0	
10	16QAM	50	0	18.62	18.89	18.68			
10	64QAM	1	12	18.80	18.81	18.70			
10	64QAM	1	24	18.70	18.70	18.70			
10	64QAM	12	0	18.70	18.77	18.68			
10	64QAM	12	7	18.76	18.88	18.71	19.5	0	
10	64QAM	12	13	18.77	18.78	18.67			
10	64QAM	25	0	18.61	18.87	18.66			
10	256QAM	1	0	18.69	18.81	18.70	19.5	0	
10	256QAM	1	12	18.85	18.82	18.74			
10	256QAM	1	24	18.75	18.86	18.74			
10	256QAM	12	0	18.68	18.80	18.62	19.5	0	
10	256QAM	12	7	18.62	18.87	18.72			
10	256QAM	12	13	18.75	18.79	18.79			
10	256QAM	25	0	18.73	18.75	18.75			

Band 38_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-on time (s)	MFR (dB)	
Channel									
Frequency (MHz)				37600	38600	38160			
20	QPSK	1	0	19.40	19.50	19.35			
20	QPSK	1	49	19.28	19.30	19.23	19.5	0	
20	QPSK	1	99	19.26	19.33	19.28			
20	QPSK	50	0	19.34	19.38	19.25			
20	QPSK	50	24	19.30	19.33	19.17	19.5	0	
20	QPSK	50	50	19.27	19.30	19.20			
20	QPSK	100	0	19.30	19.31	19.16	19.5	0	
20	16QAM	1	49	19.32	19.32	19.22			
20	16QAM	1	99	19.37	19.32	19.22			
20	16QAM	50	0	19.33	19.34	19.20			
20	16QAM	50	24	19.30	19.34	19.22			
20	16QAM	50	50	19.31	19.31	19.28	19.5	0	
20	16QAM	100	0	19.30	19.31	19.16			
20	64QAM	1	0	19.35	19.39	19.19	19.5	0	
20	64QAM	1	49	19.29	19.29	19.25			
20	64QAM	1	99	19.31	19.35	19.16			
20	64QAM	50	0	19.33	19.39	19.20	19.5	0	
20	64QAM	50	24	19.34	19.30	19.26			
20	64QAM	100	0	19.33	19.39	19.16			
20	256QAM	1	0	17.62	17.67	17.65			
20	256QAM	1	49	17.61	17.71	17.65			
20	256QAM	1	99	17.63	17.77	17.60			
20	256QAM	50	0	17.78	17.69	17.60			
20	256QAM	50	24	17.73	17.72	17.73	18	1.5	
20	256QAM	50	50	17.66	17.67	17.67			
20	256QAM	100	0	17.74	17.66	17.69			
Channel									
Frequency (MHz)				29775 <th>29950<th>29125<th></th><th></th><th>MFR (dB)</th></th></th>	29950 <th>29125<th></th><th></th><th>MFR (dB)</th></th>	29125 <th></th> <th></th> <th>MFR (dB)</th>			MFR (dB)
15	QPSK	1	0	19.35	19.36	19.28			
15	QPSK	1	37	19.18	19.17	19.08	19.5	0	
15	QPSK	1	74	19.21	19.22	19.22			
15	QPSK	36	0	19.23	19.23	19.25			
15	QPSK	36	39	19.22	19.27	19.02	19.5	0	
15	QPSK	75	0	19.19	19.26	19.09			
15	QPSK	75	0	19.15	19.16	19.13			
15	16QAM	1	0	19.22	19.13	19.11	19.5	0	
15	16QAM	1	37	19.28	19.29	19.10			
15	16QAM	1	74	19.32	19.24	19.15			
15	16QAM	36	0	19.31	19.32	19.17	19.5	0	
15	16QAM	36	20	19.31	19.31	19.15			
15	16QAM	36	39	19.16	19.16	19.20			
15	16QAM	75	0	19.25	19.22	19.05			
15	16QAM	75	0	19.19	19.26	19.09	19.5	0	
15	64QAM	1	37	19.17	19.28	19.19			
15	64QAM	1	74	19.21	19.27	19.12			
15	64QAM	36	0	19.29	19.25	19.15			
15	64QAM	36	20	19.23	19.24	19.06	19.5	0	
15	64QAM	36	39	19.25	19.25	19.09			
15	64QAM	75	0	19.25	19.24	19.14			
15	256QAM	1	0	17.60	17.63	17.60	18	1.5	
15	256QAM	1	37	17.65	17.67	17.62			
15	256QAM	1	74	17.62	17.67	17.62			
15	256QAM	36	0	17.60	17.63	17.60	18	1.5	
15	256QAM	36	20	17.66	17.61	17.59			
15	256QAM	36	39	17.67	17.61	17.59			
15	256QAM	75	0	17.67	17.61	17.59	19.5	0	
Channel									
Frequency (MHz)				29775 <th>29950<th>29115<th></th><th></th><th>MFR (dB)</th></th></th>	29950 <th>29115<th></th><th></th><th>MFR (dB)</th></th>	29115 <th></th> <th></th> <th>MFR (dB)</th>			MFR (dB)
5	QPSK	1	0	19.31	19.25	19.18			
5	QPSK	1	12	19.25	19.25	19.25	19.5	0	
5	QPSK	1	24	19.24	19.24	19.23			
5	QPSK	12	0	19.33	19.28	19.14			
5	QPSK	12	7	19.22	19.23	19.14	19.5	0	
5	QPSK	12	13	19.23	19.21	19.11			
5	QPSK	25	0	19.17	19.27	19.05			
5	QPSK	25	13	19.24	19.23	19.13			
5	16QAM	1	12	19.31	19.25	19.20	19.5	0	
5	16QAM	1	24	19.19	19.21	19.11			
5	16QAM	12	0	19.27	19.27	19.19	19.5	0	
5	16QAM	12	7	19.22	19.22	19.18			
5	16QAM	12	13	19.20	19.27	19.20			
5	16QAM	25	0	19.24	19.23	19.13	19.5	0	
5	16QAM	25	13	19.26	19.23	19.13			
5	16QAM	1	0	19.22	19.31	19.17			
5	16QAM	1	12	19.24	19.25	19.15			
5	16QAM	1	24	19.26	19.26	19.16			
5	16QAM	12	0	19.20	19.29	19.10			
5	16QAM	12	7	19.19	19.26	19.11			
5	16QAM	12	13	19.24	19.23	19.13	19.5	0	
5	16QAM	25	0	19.24	19.31	19.03			
5	16QAM	25	13	19.26	19.23	19.13			
5	256QAM	1	0	17.66	17.65	17.65	18	1.5	
5	256QAM	1	24	17.61	17.71	17.66			
5	256QAM	1	48	17.62	17.72	17.67			
5	256QAM	12	7	17.68	17.64	17.59	18	1.5	
5	256QAM	12	13	17.67	17.69	17.60			

Band 41_Ant 4													
BW [MHz]	Modulation	RB [MHz]	RB Offset	Power Low Ch [Frac]	Power Low Mid Ch [Frac]	Power Low Hi Ch [Frac]	Power High Ch [Frac]	Power High Mid Ch [Frac]	Power High Hi Ch [Frac]	Turn-up [dB]	MPR [dB]		
Channel													
Frequency [MHz]				39750	40165	40660	41055	41540	2680				
20	QPSK	1	0	17.26	2543.5	2593	2636.5	2680					
20	QPSK	1	49	17.15	17.36	17.34	17.01	17.05		17.7	0		
20	QPSK	1	98	17.21	17.36	17.34	17.04	16.93					
20	QPSK	50	0	17.22	17.40	17.41	17.15	17.05					
20	QPSK	50	49	17.16	17.36	17.39	17.04	17.05					
20	QPSK	50	98	17.15	17.35	17.31	17.05	16.91		17.7	0		
20	HQAM	1	0	17.13	17.36	17.42	17.12	16.97					
20	HQAM	1	49	17.20	17.31	17.37	17.13	17.00		17.7	0		
20	HQAM	1	99	17.69	17.36	17.34	17.09	16.96					
20	HQAM	50	0	17.16	17.36	17.39	17.04	17.05					
20	HQAM	50	24	17.09	17.30	17.36	17.13	17.01		17.7	0		
20	HQAM	50	50	17.17	17.26	17.37	17.04	17.07					
20	HQAM	100	0	17.20	17.34	17.40	17.13	17.01					
20	HQAM	1	0	17.09	17.36	17.41	17.06	16.96					
20	HQAM	1	99	17.15	17.25	17.34	17.03	16.95		17.7	0		
20	HQAM	50	0	17.69	17.28	17.40	17.13	16.95					
20	HQAM	50	24	17.13	17.30	17.40	17.06	16.93					
20	HQAM	50	50	17.09	17.37	17.26	17.11	17.03		17.7	0		
20	HQAM	100	0	17.26	17.37	17.40	17.11	17.04					
20	HQAM	1	0	17.20	17.29	17.28	17.03	16.98					
20	HQAM	1	49	17.21	17.30	17.39	17.11	16.96		17.7	0		
20	HQAM	1	99	17.10	17.36	17.39	17.13	17.05					
20	HQAM	50	0	17.69	17.36	17.33	17.01	17.05					
20	HQAM	50	24	17.13	17.30	17.40	17.06	16.93					
20	HQAM	50	50	17.09	17.37	17.26	17.11	17.03		17.7	0		
20	HQAM	100	0	17.15	17.29	17.29	17.11	16.97					
20	HQAM	100	0	17.13	17.32	17.40	17.07	17.04		Turn-up [dB]	MPR [dB]		
Frequency [MHz]				2505.5	2546.5	2593	2637	2693.5	2680				
15	QPSK	1	0	17.18	17.38	17.42	17.01	17.01					
15	QPSK	1	37	17.08	17.23	17.21	17.00	17.01		17.7	0		
15	QPSK	1	74	17.14	17.27	17.22	16.96	16.92					
15	QPSK	36	0	17.10	17.36	17.31	17.11	16.90					
15	QPSK	36	20	17.01	17.18	17.25	17.00	16.85		17.7	0		
15	QPSK	36	50	17.12	17.26	17.29	17.11	16.97					
15	QPSK	75	0	17.20	17.23	17.22	17.02	16.91					
15	HQAM	1	0	17.08	17.33	17.32	17.01	16.85					
15	HQAM	1	37	17.05	17.25	17.24	17.02	16.90		17.7	0		
15	HQAM	1	74	16.97	17.34	17.35	16.97	16.87					
15	HQAM	36	0	17.14	17.24	17.31	17.03	16.90					
15	HQAM	36	20	17.03	17.21	17.24	17.02	16.93		17.7	0		
15	HQAM	36	50	17.14	17.14	17.23	16.90	16.93					
15	HQAM	75	0	17.12	17.27	17.38	17.00	16.93					
15	HQAM	1	0	17.05	17.31	17.31	16.91	16.83		17.7	0		
15	HQAM	1	37	16.84	17.22	17.29	17.12	16.84					
15	HQAM	36	0	17.06	17.31	17.22	16.96	16.99					
15	HQAM	36	20	17.09	17.28	17.30	16.91	16.82		17.7	0		
15	HQAM	36	50	17.04	17.25	17.26	16.91	16.86					
15	HQAM	75	0	17.07	17.31	17.35	17.03	17.00					
15	HQAM	75	0	17.06	17.15	17.24	16.96	16.83		17.7	0		
15	HQAM	1	0	16.97	17.25	17.26	17.00	16.85					
15	HQAM	1	37	17.11	17.19	17.27	17.00	16.85					
15	HQAM	1	74	16.97	17.37	17.30	17.03	16.88					
15	HQAM	36	0	17.08	17.33	17.28	17.00	16.93		17.7	0		
15	HQAM	36	20	17.06	17.23	17.22	16.88	16.95					
15	HQAM	36	50	17.08	17.14	17.16	17.02	16.98					
15	HQAM	75	0	17.07	17.27	17.15	17.00	16.86		17.7	0		
15	HQAM	100	0	17.05	17.27	17.31	17.04	16.95					
15	HQAM	100	0	17.03	17.27	17.31	17.04	16.95		Turn-up [dB]	MPR [dB]		
Frequency [MHz]				2501	2547	2593	2639	2685	2680				
10	QPSK	1	0	17.22	17.34	17.40	17.03	17.03					
10	QPSK	1	26	17.03	17.28	17.25	16.92	16.92		17.7	0		
10	QPSK	1	49	17.09	17.29	17.23	16.97	16.81					
10	QPSK	1	98	17.06	17.29	17.28	16.98	16.83					
10	QPSK	25	0	17.01	17.28	17.30	17.07	16.84		17.7	0		
10	QPSK	25	26	17.08	17.29	17.16	17.00	16.90					
10	QPSK	25	49	17.13	17.28	17.31	17.01	17.01					
10	QPSK	25	98	17.04	17.30	17.31	17.03	16.90					
10	HQAM	1	0	17.04	17.30	17.31	17.03	16.90					
10	HQAM	1	25	17.12	17.26	17.26	17.08	16.92		17.7	0		
10	HQAM	25	0	17.16	17.27	17.34	17.01	16.98		17.7	0		
10	HQAM	25	49	17.11	17.29	17.35	16.97	16.99					
10	HQAM	25	98	17.07	17.26	17.37	17.03	16.94					
10	HQAM	50	0	17.17	17.26	17.36	17.08	16.96					
10	HQAM	50	0	17.02	17.23	17.28	16.95	16.89		17.7	0		
10	HQAM	1	0	17.02	17.15	17.26	17.01	16.85					
10	HQAM	1	49	17.13	17.20	17.33	16.93	16.95					
10	HQAM	25	0	17.00	17.32	17.30	16.94	17.01					
10	HQAM	25	49	17.04	17.11	17.23	16.92	16.85		17.7	0		
10	HQAM	25	98	16.87	17.29	17.16	17.01	17.01					
10	HQAM	50	0	16.99	17.24	17.30	17.00	16.95					
10	HQAM	1	0	17.12	17.15	17.15	17.01	16.87		17.7	0		
10	HQAM	1	25	17.06	17.30	17.24	17.05	16.88					
10	HQAM	25	0	16.96	17.30	17.24	16.94	16.99					
10	HQAM	25	12	17.20	17.25	17.25	16.96	16.85		17.7	0		
10	HQAM	25	25	17.02	17.25	17.21	17.04	16.92					
10	HQAM	50	0	17.09	17.20	17.39	17.02	16.94					
10	HQAM	50	0	17.07	17.25	17.32	16.95	16.94		17.7	0		
10	HQAM	12	0	17.12	17.21	17.15	17.08	16.93					
10	HQAM	12	13	17.02	17.26	17.26	16.95	16.91					
10	HQAM	25	0	16.99	17.22	17.29	16.95	16.90					
5	HQAM	1	0	16.96	17.27	17.36	17.00	16.83		17.7	0		
5	HQAM	1	12	17.07	17.32	17.32	17.04	16.87					
5	HQAM	12	0	17.08	17.31	17.29	17.00	16.90					
5	HQAM	12	13	17.15	17.27	17.27	17.04	16.98					
5	HQAM	25	0	17.00	17.32	17.14	17.01	16.85		17.7	0		
5	HQAM	25	5	16.99	17.27	17.31	16.97	16.98					
5	HQAM	25	12	17.05	17.28	17.28	17.02	16.96					
5	HQAM	25	12	17.09	17.22	17.32	16.99	16.94					
5	HQAM	25	13	17.14	17.21	17.15	17.08	16.93					
5	HQAM	25	13	17.18	17.22	17.22	17.00	16.94		17.7	0		

Band 41 (HPUE)_Ant 6															
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power Low Ch (Freq)	Power Mid Ch (Freq)	Power High Ch (Freq)	Power High Ch (Freq)	Turn-on time (min)	MPR (dB)					
Channel															
Frequency (MHz)				36760	40166	40620	41076	41530							
20	QPSK	1	0	18.22	18.02	18.04	18.08	18.01	18.8	0					
20	QPSK	1	49	18.23	18.09	18.04	18.03	18.01							
20	QPSK	1	99	18.22	18.09	18.02	18.05	18.03							
20	QPSK	50	0	18.13	18.06	18.03	18.03	18.01							
20	QPSK	50	50	18.20	18.05	18.07	18.04	18.00							
20	QPSK	100	0	18.16	18.06	18.07	18.03	18.04	18.8	0					
20	16QAM	1	49	18.16	18.07	18.03	18.01	18.02							
20	16QAM	1	99	18.16	18.06	18.05	18.04	18.04							
20	16QAM	50	0	18.26	18.01	18.01	18.01	18.01							
20	16QAM	50	50	18.21	18.02	18.09	18.04	18.06							
20	16QAM	100	0	18.14	18.06	18.03	18.05	18.01	18.8	0					
20	16QAM	100	50	18.16	18.05	18.03	18.07	18.08							
20	16QAM	1	0	18.16	18.06	18.02	18.08	18.03							
20	16QAM	1	99	18.14	18.05	18.05	18.03	18.05							
20	16QAM	50	0	18.21	18.08	18.05	18.05	18.08							
20	16QAM	50	50	18.26	18.07	18.09	18.03	18.06	18.8	0					
20	16QAM	100	0	18.22	18.06	18.05	18.04	18.02							
20	16QAM	100	50	18.14	18.04	18.09	18.08	18.09							
20	256QAM	1	0	18.19	18.04	18.09	18.08	18.09							
20	256QAM	1	99	18.18	18.02	18.04	18.07	18.09							
20	256QAM	50	0	18.25	18.00	18.00	18.00	18.00	18.8	0					
20	256QAM	50	50	18.16	18.08	18.09	18.07	18.07							
20	256QAM	100	0	18.14	18.06	18.03	18.07	18.07							
20	256QAM	100	50	18.16	18.02	18.02	18.02	18.00							
20	256QAM	100	99	18.16	18.02	18.02	18.02	18.00							
Channel															
Frequency (MHz)				39700	40160	40620	41080	41540							
15	QPSK	1	0	18.12	18.06	18.02	18.03	18.00	18.8	0					
15	QPSK	1	37	18.18	18.01	18.09	18.04	18.07							
15	QPSK	1	74	18.12	18.03	18.30	18.03	18.03							
15	QPSK	36	0	18.23	18.01	18.05	18.04	18.03							
15	QPSK	36	20	18.08	18.00	18.07	18.00	18.37							
15	QPSK	75	0	18.10	18.00	18.00	18.00	18.00	18.8	0					
15	QPSK	75	37	18.17	18.03	18.09	18.05	18.04							
15	16QAM	1	0	18.10	18.06	18.48	18.37	18.47							
15	16QAM	1	74	18.12	18.03	18.09	18.01	18.03							
15	16QAM	36	0	18.14	18.00	18.07	18.02	18.38							
15	16QAM	36	20	18.07	18.01	18.01	18.01	18.01	18.8	0					
15	16QAM	75	0	18.13	18.04	18.02	18.06	18.31							
15	16QAM	75	37	18.11	18.06	18.39	18.04	18.39							
15	16QAM	1	37	18.13	18.07	18.03	18.09	18.02							
15	16QAM	36	0	17.98	18.02	18.09	18.02	18.02							
15	16QAM	36	20	18.11	18.02	18.02	18.08	18.03	18.8	0					
15	16QAM	75	0	18.05	18.00	18.07	18.05	18.05							
15	256QAM	1	0	18.05	18.00	18.01	18.07	18.06							
15	256QAM	1	74	18.08	18.07	18.03	18.04	18.09							
15	256QAM	36	0	18.22	18.08	18.07	18.07	18.08							
15	256QAM	36	20	18.05	18.00	18.00	18.02	18.02	18.8	0					
15	256QAM	75	0	18.11	18.06	18.01	18.04	18.36							
15	256QAM	75	37	18.10	18.00	18.01	18.08	18.01							
15	256QAM	1	0	18.00	18.00	18.01	18.08	18.01							
15	256QAM	1	74	18.00	18.00	18.01	18.08	18.01							
Channel															
Frequency (MHz)				39700	40160	40620	41080	41540							
10	QPSK	1	0	18.01	18.02	18.00	18.07	18.01	18.8	0					
10	QPSK	1	49	18.14	18.07	18.01	18.01	18.01							
10	QPSK	1	99	18.01	18.03	18.01	18.07	18.08							
10	QPSK	25	0	18.24	18.00	18.00	18.07	18.08							
10	QPSK	25	12	18.12	18.00	18.00	18.07	18.08							
10	QPSK	25	25	18.05	18.00	18.00	18.01	18.01	18.8	0					
10	QPSK	25	25	18.06	18.05	18.06	18.01	18.31							
10	QPSK	50	0	18.17	18.03	18.04	18.09	18.06							
10	QPSK	50	50	18.08	18.02	18.02	18.06	18.06							
10	16QAM	1	25	18.13	18.03	18.01	18.04	18.07							
10	16QAM	1	74	18.05	18.02	18.07	18.01	18.01	18.8	0					
10	16QAM	25	0	18.00	18.03	18.00	18.06	18.03							
10	16QAM	25	12	18.10	18.00	18.02	18.05	18.33							
10	16QAM	50	0	18.16	18.02	18.09	18.08	18.03							
10	16QAM	50	50	18.07	18.07	18.03	18.05	18.38							
10	16QAM	1	0	18.07	18.07	18.03	18.05	18.38	18.8	0					
10	16QAM	1	25	18.18	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.10	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.10	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.10	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18.06	18.02	18.08	18.41							
10	16QAM	25	12	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	0	18.09	18.06	18.02	18.08	18.41							
10	16QAM	50	50	18.09	18.06	18.02	18.08	18.41							
10	16QAM	1	0	18.09	18.06	18.06	18.01	18.01	18.8	0					
10	16QAM	1	25	18.09	18										

Band 41_Ant 0																
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPR (dB)						
Channel																
Frequency (MHz)				39750	40165	40620	41055	41495								
20	QPSK	1	0	15.92	15.93	15.93	15.73	15.73	16.2	0						
20	QPSK	1	49	15.89	15.94	15.91	15.73	15.75								
20	QPSK	1	99	15.93	15.94	15.91	15.73	15.75								
20	QPSK	50	0	15.91	15.98	15.99	15.73	15.77								
20	QPSK	50	50	15.88	15.93	15.90	15.76	15.72								
20	QPSK	100	0	15.89	15.88	15.92	15.74	15.79	16.2	0						
20	16QAM	1	0	15.92	15.94	15.91	15.73	15.79								
20	16QAM	1	49	15.92	15.94	15.96	15.71	15.75								
20	16QAM	1	99	15.81	15.93	15.95	15.68	15.70								
20	16QAM	50	0	15.90	15.92	15.94	15.71	15.69								
20	16QAM	50	24	15.91	15.87	15.91	15.70	15.72	16.2	0						
20	16QAM	100	0	15.88	15.86	15.92	15.70	15.68								
20	16QAM	100	0	15.93	15.87	15.92	15.70	15.69								
20	64QAM	1	0	15.91	15.96	15.99	15.80	15.77								
20	64QAM	1	49	15.89	15.96	15.93	15.80	15.75								
20	64QAM	1	99	15.94	15.92	15.94	15.70	15.65	16.2	0						
20	64QAM	50	0	15.85	15.88	15.93	15.72	15.67								
20	64QAM	50	24	15.93	15.92	15.92	15.78	15.81								
20	64QAM	100	0	15.93	15.91	15.94	15.78	15.78								
20	256QAM	1	0	15.92	15.97	16.01	15.72	15.69								
20	256QAM	1	99	15.83	15.86	15.93	15.67	15.70	16.2	0						
20	256QAM	50	0	15.90	15.92	15.94	15.71	15.69								
20	256QAM	50	24	15.84	15.92	15.92	15.78	15.81								
20	256QAM	100	0	15.92	15.90	15.92	15.73	15.77								
20	256QAM	100	0	15.91	15.90	15.91	15.70	15.74								
Channel																
Frequency (MHz)				25051	25463	25933	26371	26815			MPR (dB)					
15	QPSK	1	0	15.92	15.91	15.99	15.69	15.71	16.2	0						
15	QPSK	1	37	15.85	15.86	15.76	15.62	15.71								
15	QPSK	1	74	15.89	15.76	15.80	15.67	15.68								
15	QPSK	36	0	15.90	15.96	15.97	15.67	15.70								
15	QPSK	36	20	15.78	15.77	15.79	15.65	15.72								
15	QPSK	75	0	15.70	15.87	15.80	15.61	15.77	16.2	0						
15	16QAM	1	0	15.73	15.80	15.82	15.72	15.78								
15	16QAM	1	37	15.79	15.79	15.80	15.65	15.68								
15	16QAM	1	74	15.73	15.69	15.82	15.58	15.59								
15	16QAM	36	0	15.78	15.81	15.88	15.65	15.63								
15	16QAM	36	20	15.87	15.82	15.86	15.70	15.69	16.2	0						
15	16QAM	36	36	15.86	15.90	15.89	15.75	15.59								
15	16QAM	75	0	15.80	15.74	15.86	15.65	15.68								
15	64QAM	1	0	15.73	15.77	15.89	15.68	15.69								
15	64QAM	1	37	15.76	15.69	15.75	15.68	15.68								
15	64QAM	36	0	15.82	15.73	15.91	15.67	15.61	16.2	0						
15	64QAM	36	20	15.70	15.81	15.77	15.70	15.70								
15	64QAM	36	36	15.76	15.84	15.86	15.76	15.69								
15	64QAM	75	0	15.83	15.84	15.80	15.65	15.73								
15	256QAM	1	0	15.85	15.90	15.86	15.63	15.68								
15	256QAM	1	37	15.82	15.82	15.80	15.67	15.68	16.2	0						
15	256QAM	1	74	15.72	15.87	15.81	15.61	15.63								
15	256QAM	36	0	15.73	15.77	15.89	15.65	15.68								
15	256QAM	36	20	15.87	15.75	15.95	15.69	15.75								
15	256QAM	36	36	15.87	15.75	15.95	15.69	15.75								
15	256QAM	75	0	15.72	15.86	15.80	15.68	15.72	16.2	0						
15	256QAM	75	0	15.72	15.86	15.80	15.68	15.72								
Channel																
Frequency (MHz)				39750	40160	40620	41060	41490					MPR (dB)			
10	QPSK	1	0	15.85	15.96	15.99	15.73	15.67	16.2	0						
10	QPSK	1	12	15.80	15.88	15.89	15.61	15.62								
10	QPSK	1	24	15.72	15.73	15.90	15.67	15.66								
10	QPSK	12	0	15.83	15.92	15.93	15.63	15.67								
10	QPSK	12	7	15.77	15.83	15.78	15.64	15.64								
10	QPSK	12	13	15.85	15.91	15.75	15.73	15.69	16.2	0						
10	QPSK	25	0	15.74	15.74	15.98	15.84	15.67								
10	16QAM	1	0	15.89	15.97	15.94	15.67	15.70								
10	16QAM	1	12	15.77	15.80	15.83	15.62	15.74								
10	16QAM	1	24	15.78	15.87	15.92	15.65	15.65								
10	16QAM	12	0	15.77	15.93	15.98	15.68	15.69	16.2	0						
10	16QAM	12	7	15.82	15.79	15.99	15.67	15.63								
10	16QAM	12	13	15.79	15.80	15.90	15.70	15.67								
10	64QAM	1	0	15.87	15.84	15.84	15.68	15.75								
10	64QAM	1	12	15.85	15.84	15.87	15.75	15.70								
10	64QAM	12	0	15.70	15.83	15.84	15.70	15.67	16.2	0						
10	64QAM	12	7	15.78	15.83	15.81	15.74	15.71								
10	64QAM	12	13	15.88	15.83	15.93	15.68	15.58								
10	256QAM	1	0	15.89	15.86	15.89	15.68	15.76								
10	256QAM	1	12	15.78	15.82	15.90	15.69	15.76								
10	256QAM	1	24	15.75	15.90	15.88	15.59	15.54	16.2	0						
10	256QAM	12	0	15.76	15.82	15.90	15.67	15.67								
10	256QAM	12	7	15.80	15.86	15.87	15.68	15.58								
10	256QAM	12	13	15.86	15.88	15.89	15.65	15.66								
10	256QAM	12	13	15.77	15.78	15.98	15.66	15.63								
10	256QAM	25	0	15.80	15.80	15.89	15.67	15.63	16.2	0						
10	256QAM	25	0	15.80	15.80	15.89	15.67	15.63								
Channel																
Frequency (MHz)				24945	25443	25933	26369	26815					MPR (dB)			
5	QPSK	1	0	15.85	15.97	15.99	15.73	15.67	16.2	0						
5	QPSK	1	12	15.80	15.88	15.89	15.61	15.62								
5	QPSK	1	24	15.72	15.73	15.90	15.67	15.66								
5	QPSK	12	7	15.77	15.83	15.78	15.64	15.64	16.2	0						
5	QPSK	12	13	15.85	15.91	15.75	15.73	15.69								
5	QPSK	25	0	15.74	15.74	15.98	15.84	15.67								
5	16QAM	1	0	15.89	15.97	15.94	15.67	15.70								
5	16QAM	1	12	15.77	15.80	15.83	15.62	15.74								
5	16QAM	1	24	15.78	15.87	15.92	15.65	15.65	16.2	0						
5	16QAM	12	0	15.77	15.93	15.98	15.68	15.69								
5	16QAM	12	7	15.82	15.79	15.99	15.67	15.63								
5	16QAM	12	13	15.79	15.80	15.90	15.70	15.67								
5	64QAM	1	0	15.87	15.84	15.84	15.68	15.75								
5	64QAM	1	12	15.85	15.84	15.87	15.75	15.70	16.2	0						
5	64QAM	12	0	15.70	15.83	15.84	15.70	15.67								
5	64QAM	12	7	15.78	15.83	15.81	15.74	15.71								
5	64QAM	12	13	15.88	15.83	15.93	15.68	15.58								
5	64QAM	25	0	15.89	15.86	15.89	15.68	15.76								
5	256QAM	1	0	15.78	15.82	15.90	15.69	15.76	16.2	0						
5	256QAM	1	12	15.75	15.90	15.88	15.59	15.54								
5	256QAM	12	7	15.80	15.86	15.87	15.68	15.58								
5	256QAM	12	13	15.86	15.88	15.89	15.65	15.66								
5	256QAM	12	13	15.77	15.78	15.98	15.66	15.63								

Band 48_Ant 8												Band 48_Ant 10												Band 48_Ant 4																															
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mod Ch / Freq	Power High Ch / Freq	Power High Mod Ch / Freq	Turn-on time (sec)	MPE (dB)			BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mod Ch / Freq	Power High Ch / Freq	Power High Mod Ch / Freq	Turn-on time (sec)	MPE (dB)			BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mod Ch / Freq	Power High Ch / Freq	Power High Mod Ch / Freq	Turn-on time (sec)	MPE (dB)																						
Channel												Channel												Channel																															
				55340	55830	56150	56640					Frequency (MHz)								55340	55830	56150	56640					Frequency (MHz)								55340	55830	56150	56640																
20	QPSK	1	0	18.94	18.97	18.78	18.85	19.8	0			20	QPSK	1	0	17.20	17.22	17.06	17.13	17.5	0			20	QPSK	1	0	18.57	18.59	18.43	18.50	19.8	0			20	QPSK	1	0	18.57	18.59	18.43	18.50	19.8	0										
20	QPSK	1	49	18.79	18.89	18.66	18.84					20	QPSK	1	49	17.29	17.37	17.22	17.30					20	QPSK	1	49	18.57	18.67	18.54	18.61					20	QPSK	1	49	18.57	18.67	18.54	18.61												
20	QPSK	1	99	18.80	18.89	18.72	18.82					20	QPSK	1	99	17.25	17.42	17.18	17.05					20	QPSK	1	99	18.53	18.58	18.58	18.50					20	QPSK	1	99	18.53	18.58	18.58	18.50					20	QPSK	1	99	18.53	18.58	18.58	18.50
20	QPSK	50	0	18.92	18.95	18.74	18.81					20	QPSK	50	0	17.23	17.38	17.21	17.09					20	QPSK	50	0	18.50	18.54	18.43	18.50					20	QPSK	50	0	18.50	18.54	18.43	18.50					20	QPSK	50	0	18.50	18.54	18.43	18.50
20	QPSK	50	24	18.89	18.89	18.72	18.88	19.8	0			20	QPSK	50	24	17.22	17.35	17.18	17.09	17.5	0			20	QPSK	50	24	18.57	18.64	18.57	18.62	19.8	0			20	QPSK	50	24	18.57	18.64	18.57	18.62	19.8	0										
20	QPSK	50	50	18.80	18.85	18.73	18.76					20	QPSK	50	50	17.24	17.36	17.20	17.06					20	QPSK	50	50	18.56	18.60	18.55	18.47					20	QPSK	50	50	18.56	18.60	18.55	18.47					20	QPSK	50	50	18.56	18.60	18.55	18.47
20	16QAM	1	0	18.80	18.87	18.71	18.84					20	16QAM	1	0	17.25	17.34	17.23	17.06					20	16QAM	1	0	18.57	18.69	18.58	18.62					20	16QAM	1	0	18.57	18.69	18.58	18.62					20	16QAM	1	0	18.57	18.69	18.58	18.62
20	16QAM	1	49	18.84	18.87	18.67	18.87					20	16QAM	1	49	17.28	17.41	17.27	17.10					20	16QAM	1	49	18.54	18.58	18.50	18.51					20	16QAM	1	49	18.54	18.58	18.50	18.51					20	16QAM	1	49	18.54	18.58	18.50	18.51
20	16QAM	1	99	18.90	18.88	18.78	18.88	19.8	0			20	16QAM	1	99	17.29	17.34	17.30	17.14	17.5	0			20	16QAM	1	99	18.56	18.58	18.50	18.51	19.8	0			20	16QAM	1	99	18.56	18.58	18.50	18.51	19.8	0										
20	16QAM	50	0	18.79	18.93	18.73	18.81					20	16QAM	50	0	17.23	17.41	17.30	17.14					20	16QAM	50	0	18.53	18.66	18.64	18.45					20	16QAM	50	0	18.53	18.66	18.64	18.45					20	16QAM	50	0	18.53	18.66	18.64	18.45
20	16QAM	50	24	18.79	18.94	18.76	18.80					20	16QAM	50	24	17.31	17.37	17.17	17.14					20	16QAM	50	24	18.50	18.53	18.57	18.48					20	16QAM	50	24	18.50	18.53	18.57	18.48					20	16QAM	50	24	18.50	18.53	18.57	18.48
20	16QAM	100	0	18.86	18.96	18.69	18.75					20	16QAM	100	0	17.30	17.30	17.21	17.15					20	16QAM	100	0	18.48	18.51	18.63	18.41					20	16QAM	100	0	18.48	18.51	18.63	18.41					20	16QAM	100	0	18.48	18.51	18.63	18.41
20	8QAM	1	0	18.83	18.77	18.72	18.75	19.8	0			20	8QAM	1	0	17.26	17.31	17.26	17.15	17.5	0			20	8QAM	1	0	18.51	18.57	18.50	18.51	19.8	0			20	8QAM	1	0	18.51	18.57	18.50	18.51	19.8	0										
20	8QAM	1	49	18.90	18.83	18.65	18.88					20	8QAM	1	49	17.25	17.28	17.31	17.04					20	8QAM	1	49	18.53	18.60	18.53	18.50					20	8QAM	1	49	18.53	18.60	18.53	18.50					20	8QAM	1	49	18.53	18.60	18.53	18.50
20	8QAM	1	99	18.91	18.87	18.69	18.75					20	8QAM	1	99	17.34	17.31	17.20	17.02					20	8QAM	1	99	18.58	18.60	18.50	18.48					20	8QAM	1	99	18.58	18.60	18.50	18.48					20	8QAM	1	99	18.58	18.60	18.50	18.48
20	8QAM	50	0	18.89	18.94	18.74	18.83					20	8QAM	50	0	17.26	17.31	17.20	17.08					20	8QAM	50	0	18.54	18.62	18.63	18.46					20	8QAM	50	0	18.54	18.62	18.63	18.46					20	8QAM	50	0	18.54	18.62	18.63	18.46
20	8QAM	50	24	18.85	18.87	18.74	18.83	19.8	0			20	8QAM	50	24	17.34	17.31	17.19	17.08	17.5	0			20	8QAM	50	24	18.54	18.62	18.63	18.46	19.8	0			20	8QAM	50	24	18.54	18.62	18.63	18.46	19.8	0										
20	8QAM	100	0	18.84	18.94	18.68	18.81					20	8QAM	100	0	17.28	17.28	17.15	17.13					20	8QAM	100	0	18.55	18.64	18.55	18.52					20	8QAM	100	0	18.55	18.64	18.55	18.52					20	8QAM	100	0	18.55	18.64	18.55	18.52
20	25QAM	1	0	17.99	18.01	18.01	17.99					20	25QAM	1	0	16.75	16.81	16.92	17.13					20	25QAM	1	0	14.98	15.01	14.87	14.73					20	25QAM	1	0	14.98	15.01	14.87	14.73					20	25QAM	1	0	14.98	15.01	14.87	14.73
20	25QAM	1	49	17.97	18.16	18.02	18.01					20	25QAM	1	49	16.83	16.83	16.86	16.84					20	25QAM	1	49	14.96	15.01	14.80	14.94					20	25QAM	1	49	14.96	15.01	14.80	14.94					20	25QAM	1	49	14.96	15.01	14.80	14.94
20	25QAM	1	99	17.93	18.13	18.01	17.94	18.8	1			20	25QAM	1	99	17.91	17.94	17.90	17.85	16.5	1.5			20	25QAM	1	99	14.98	15.01	14.79	14.93	18.8	1			20	25QAM	1	99	14.98	15.01	14.79	14.93	18.8	1										
20	25QAM	50	0	18.13	18.18	18.20	18.15					20	25QAM	50	0	16.80	16.80	16.81	16.76					20	25QAM	50	0	15.05	15.08	15.11	14.92					20	25QAM	50	0	15.05	15.08	15.11	14.92					20	25QAM	50	0	15.05	15.08	15.11	14.92
20	25QAM	50	24	18.19	18.21	18.07	18.12					20	25QAM	50	24	16.78	16.80	16.79	16.70					20	25QAM	50	24	15.05	15.05	15.09	14.89					20	25QAM	50	24	15.05	15.05	15.09	14.89					20	25QAM	50	24	15.05	15.05	15.09	14.89
20	25QAM	100	0	18.16	18.17	18.17	18.07					20	25QAM	100	0	16.83	16.89	16.70	16.81					20	25QAM	100	0	15.03	15.02	15.13	14.90					20	25QAM	100	0	15.03	15.02	15.13	14.90					20	25QAM	100	0	15.03	15.02	15.13	14.90
Channel												Channel												Channel																															
				55515	55900	56210	56755					Frequency (MHz)								55515	55900	56210	56755					Frequency (MHz)								55515	55900	56210	56755																
15	QPSK	1	0	18.81	18.91	18.77	18.81	19.8	0			15	QPSK	1	0	17.30	17.38	17.18	17.07	17.5	0			15	QPSK	1	0	18.57	18.69	18.66	18.64	19.8	0			15	QPSK	1	0	18.57	18.69	18.66	18.64	19.8	0										
15	QPSK	1	37	18.77	18.86	18.61	18.73					15	QPSK	1	37	17.31	17.38	17.20	17.09					15	QPSK	1	37	18.54	18.58	18.43	18.50					15	QPSK	1	37	18.54	18.58	18.43	18.50					15	QPSK	1	37	18.54	18.58	18.43	18.50
15	QPSK	1	74	18.86	18.84	18.64	18.73					15	QPSK	1	74	17.29	17.27	17.08	16.97					15	QPSK	1	74	18.50	18.52	18.47	18.40					15	QPSK	1	74	18.50	18.52	18.47	18.40					15	QPSK	1	74	18.50	18.52	18.47	18.40
15	QPSK	36	0	18.72	18.71	18.63	18.61					15	QPSK	36	0	17.21	17.34	17.19	17.00					15	QPSK	36	0	18.50	18.51	18.52	18.32					15	QPSK	36	0	18.50	18.51	18.52	18.32					15	QPSK	36	0	18.50	18.51	18.52	18.32
15	QPSK	36	20	18.80	18.85	18.68	18.82	19.8	0			15	QPSK	36	20	17.22	17.29	17.10	17.00	17.5	0			15	QPSK	36	20	18.53	18.56	18.49	18.43	19.8	0			15	QPSK	36	20	18.53	18.56	18.49	18.43	19.8	0										
15	QPSK	75	0	18.76	18.76	18.70	18.78					15	QPSK	75	0	17.21	17.34	17.10	17.00					15	QPSK	75	0	18.46	18.63	18.54	18.39					15	QPSK	75	0	18.46	18.63	18.54	18.39					15	QPSK	75	0	18.46	18.63	18.54	18.39
15	QPSK	75	24	18.77	18.85	18.57	18.73					15	QPSK	75	24	17.16	17.29	17.10	16.95					15	QPSK	75	24	18.46	18.63	18.54	18.39					15	QPSK	75	24	18.46	18.63	18.54	18.39					15	QPSK	75	24	18.46	18.63	18.54	18.39
15	16QAM	1	0	18.77	18.76	18.61	18.82					15	16QAM	1	0	17.23	17.32	17.12	17.00					15	16QAM	1	0	18.47	18.67	18.52	18.44					15	16QAM	1	0	18.47	18.67	18.52	18.44					15	16QAM	1	0	18.47	18.67		

Full&Default Power Mode

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				370500	376000	380500	24.7	0.0	
Frequency (MHz)				1860	1880	1900			
20	Pl/2 BPSK	1	1	21.93	22.07	21.97			
20	Pl/2 BPSK	1	53	22.13	22.19	22.18			
20	Pl/2 BPSK	1	104	22.03	22.08	21.99	24.7	0.0	
20	Pl/2 BPSK	50	0	22.10	22.15	22.00			
20	Pl/2 BPSK	50	28	22.08	22.21	22.08			
20	Pl/2 BPSK	50	56	21.91	22.04	22.02			
20	Pl/2 BPSK	100	0	21.83	21.98	21.85	24.7	0.0	
20	QPSK	1	1	23.32	23.59	23.54			
20	QPSK	1	53	23.49	23.53	23.48			
20	QPSK	1	104	23.46	23.54	23.43			
20	QPSK	50	0	22.49	22.57	22.45	23.7	1.0	
20	QPSK	50	28	23.41	23.55	23.45			
20	QPSK	50	56	22.59	22.82	22.53			
20	QPSK	100	0	22.57	22.82	22.53			
20	16QAM	1	1	22.32	22.42	22.41	23.7	1.0	
20	16QAM	1	1	20.98	21.05	21.01			
20	25QAM	1	1	18.84	18.96	18.88			
20	25QAM	1	1	18.84	18.96	18.88			
Channel				371500	376000	380500	24.7	0.0	
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	1	23.37	23.57	23.52			
Channel				371000	376000	381000	24.7	0.0	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.48	23.48	23.41			
Channel				370500	376000	381500	24.7	0.0	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	23.45	23.55	23.39			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				370500	376000	380500	23.2	0.0	
Frequency (MHz)				1860	1880	1900			
20	Pl/2 BPSK	1	1	20.53	20.61	20.57			
20	Pl/2 BPSK	1	53	20.43	20.55	20.47			
20	Pl/2 BPSK	1	104	20.45	20.52	20.37	23.2	0.0	
20	Pl/2 BPSK	50	0	20.45	20.59	20.48			
20	Pl/2 BPSK	50	28	20.63	20.68	20.63			
20	Pl/2 BPSK	50	56	20.50	20.53	20.43			
20	Pl/2 BPSK	100	0	20.46	20.58	20.55	23.2	0.0	
20	QPSK	1	1	22.03	22.07	21.95			
20	QPSK	1	53	21.92	21.97	21.83			
20	QPSK	1	104	21.97	21.98	21.88			
20	QPSK	50	0	20.96	21.08	21.00	22.2	1.0	
20	QPSK	50	28	21.93	22.04	21.95			
20	QPSK	50	56	20.91	21.03	20.90			
20	QPSK	100	0	21.00	21.04	21.03			
20	16QAM	1	1	20.95	20.99	20.91	22.2	1.0	
20	16QAM	1	1	19.35	19.45	19.42			
20	25QAM	1	1	17.29	17.32	17.23			
20	25QAM	1	1	17.29	17.32	17.23			
Channel				371500	376000	380500	23.2	0.0	
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	1	22.01	22.00	21.80			
Channel				371000	376000	381000	23.2	0.0	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	21.94	22.00	21.85			
Channel				370500	376000	381500	23.2	0.0	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	21.99	21.98	21.81			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				370500	376000	380500	25.2	0.0	
Frequency (MHz)				1860	1880	1900			
20	Pl/2 BPSK	1	1	22.57	22.67	22.63			
20	Pl/2 BPSK	1	53	22.46	22.54	22.47			
20	Pl/2 BPSK	1	104	22.49	22.61	22.50	24.7	0.5	
20	Pl/2 BPSK	50	0	22.49	22.58	22.55			
20	Pl/2 BPSK	50	28	22.54	22.64	22.51			
20	Pl/2 BPSK	50	56	22.43	22.56	22.55			
20	Pl/2 BPSK	100	0	22.57	22.67	22.60	24.7	0.5	
20	QPSK	1	1	24.11	24.16	24.14			
20	QPSK	1	53	24.02	24.15	24.02			
20	QPSK	1	104	23.97	24.02	23.93			
20	QPSK	50	0	22.92	23.04	23.01	24.2	1.0	
20	QPSK	50	28	23.98	24.12	24.05			
20	QPSK	50	56	22.93	23.07	22.94			
20	QPSK	100	0	23.07	23.13	23.08			
20	16QAM	1	1	23.01	23.09	23.05	24.2	1.0	
20	16QAM	1	1	21.51	21.53	21.38			
20	25QAM	1	1	19.41	19.48	19.37			
20	25QAM	1	1	19.41	19.48	19.37			
Channel				371500	376000	380500	24.2	0.0	
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	1	24.01	24.13	24.10			
Channel				371000	376000	381000	24.2	0.0	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	24.04	24.14	24.05			
Channel				370500	376000	381500	24.2	0.0	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	24.02	24.05	24.12			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1660	1680	1690	24.2	0.0
Frequency (MHz)				37000	37000	38000		
20	PI/2 BPSK	1	1	21.78	21.88	21.82	24.2	0.0
20	PI/2 BPSK	1	53	21.87	21.99	21.95		
20	PI/2 BPSK	1	104	21.83	21.85	21.83	24.2	0.0
20	PI/2 BPSK	50	0	21.80	21.85	21.84		
20	PI/2 BPSK	50	26	21.74	21.86	21.76	24.2	0.0
20	PI/2 BPSK	50	56	21.82	21.87	21.74		
20	PI/2 BPSK	100	0	21.82	21.86	21.88	24.2	0.0
20	QPSK	1	1	23.45	23.47	23.41		
20	QPSK	1	53	23.40	23.43	23.36	24.2	0.0
20	QPSK	1	104	23.30	23.35	23.23		
20	QPSK	50	0	22.32	22.38	22.30	23.2	1.0
20	QPSK	50	26	22.40	22.43	22.37		
20	QPSK	50	56	22.33	22.38	22.24	23.2	1.0
20	QPSK	100	0	22.39	22.45	22.33		
20	16QAM	1	1	22.03	22.13	22.11	23.2	1.0
20	16QAM	1	1	20.62	20.67	20.54		
20	256QAM	1	1	19.67	19.69	19.60	19.7	4.5
Channel				371500	376000	380500		
Frequency (MHz)				1657.5	1690	1692.5	24.2	0.0
15	QPSK	1	1	23.38	23.46	23.36		
Channel				376000	376000	381000	24.2	0.0
Frequency (MHz)				1655	1680	1695		
10	QPSK	1	1	23.31	23.45	23.29	24.2	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1652.5	1690	1697.5	24.2	0.0
5	QPSK	1	1	23.39	23.45	23.35		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839	25.2	0.0
Frequency (MHz)				166000	167000	167900		
20	PI/2 BPSK	1	1	23.68	23.71	23.64	25.2	0.0
20	PI/2 BPSK	1	53	23.64	23.67	23.55		
20	PI/2 BPSK	1	104	23.58	23.64	23.62	24.7	0.5
20	PI/2 BPSK	50	0	23.06	23.15	23.06		
20	PI/2 BPSK	50	26	23.54	23.69	23.57	25.2	0.0
20	PI/2 BPSK	50	56	23.11	23.13	23.11		
20	PI/2 BPSK	100	0	23.07	23.20	23.14	24.7	0.5
20	QPSK	1	1	23.25	23.27	23.31		
20	QPSK	1	53	23.98	24.10	23.95	25.2	0.0
20	QPSK	1	104	23.94	24.06	24.03		
20	QPSK	50	0	23.03	23.18	23.14	24.2	1.0
20	QPSK	50	26	23.07	23.10	23.06		
20	QPSK	50	56	23.05	23.14	23.09	24.2	1.0
20	QPSK	100	0	23.09	23.14	23.00		
20	16QAM	1	1	23.10	23.14	23.01	24.2	1.0
20	16QAM	1	1	21.57	21.62	21.47		
20	256QAM	1	1	19.46	19.61	19.47	20.7	4.5
Channel				166300	167300	168300		
Frequency (MHz)				831.5	836.5	841.5	25.2	0.0
15	QPSK	1	1	24.13	24.22	24.17		
Channel				166500	167000	168100	25.2	0.0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.19	24.24	24.30	25.2	0.0
Channel				165300	167300	169300		
Frequency (MHz)				826.5	836.5	846.5	25.2	0.0
5	QPSK	1	1	24.18	24.25	24.26		

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839	24.3	0.0
Frequency (MHz)				166000	167000	167900		
20	PI/2 BPSK	1	1	22.80	22.84	22.81	24.3	0.0
20	PI/2 BPSK	1	53	22.81	22.85	22.82		
20	PI/2 BPSK	1	104	22.63	22.71	22.64	23.8	0.5
20	PI/2 BPSK	50	0	22.29	22.33	22.25		
20	PI/2 BPSK	50	26	22.74	22.81	22.78	23.8	0.5
20	PI/2 BPSK	50	56	22.22	22.28	22.27		
20	PI/2 BPSK	100	0	22.23	22.25	22.16	23.8	0.5
20	QPSK	1	1	23.35	23.34	23.23		
20	QPSK	1	53	23.12	23.21	23.18	24.3	0.0
20	QPSK	1	104	23.20	23.26	23.21		
20	QPSK	50	0	22.13	22.26	22.18	23.3	1.0
20	QPSK	50	26	23.20	23.31	23.26		
20	QPSK	50	56	22.15	22.25	22.22	23.3	1.0
20	QPSK	100	0	22.14	22.23	22.15		
20	16QAM	1	1	22.25	22.28	22.22	23.3	1.0
20	16QAM	1	1	20.70	20.75	20.70		
20	256QAM	1	1	19.64	19.72	19.63	19.8	4.5
Channel				166300	167300	168300		
Frequency (MHz)				831.5	836.5	841.5	23.12	0.0
15	QPSK	1	1	23.12	23.26	23.16		
Channel				165500	167000	168000	23.12	0.0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.18	23.22	23.10	23.12	0.0
Channel				165300	167300	169300		
Frequency (MHz)				826.5	836.5	846.5	23.13	0.0
5	QPSK	1	1	23.13	23.23	23.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				2520	2535	2550		
40	PI2 BPSK	1	1	23.97	24.11	23.98		
40	PI2 BPSK	1	108	23.93	24.07	23.93	25.2	0.0
40	PI2 BPSK	1	214	24.08	24.12	24.08		
40	PI2 BPSK	108	0	22.71	22.78	22.77	24.7	0.5
40	PI2 BPSK	108	54	24.08	24.16	24.11	25.2	0.0
40	PI2 BPSK	108	108	22.78	22.74	22.79		
40	PI2 BPSK	216	0	22.74	22.78	22.72	24.7	0.5
40	QPSK	1	1	23.17	23.19	23.16		
40	QPSK	1	108	24.01	24.06	23.93	25.2	0.0
40	QPSK	1	214	24.12	24.17	24.08		
40	QPSK	108	0	22.95	22.97	22.98	24.2	1.0
40	QPSK	108	54	24.05	24.10	24.06	25.2	0.0
40	QPSK	108	108	23.24	23.31	23.22		
40	QPSK	216	0	22.97	23.04	22.97	24.2	1.0
40	16QAM	1	1	22.93	23.03	22.97	24.2	1.0
40	64QAM	1	1	21.53	21.58	21.43	22.7	2.5
40	256QAM	1	1	19.40	19.55	19.40	20.7	4.5
Channel								
Frequency (MHz)								
				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	24.13	24.11	24.11	25.2	0.0
Channel								
Frequency (MHz)								
				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	24.08	24.15	24.14	25.2	0.0
Channel								
Frequency (MHz)								
				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	24.15	24.12	24.12	25.2	0.0
Channel								
Frequency (MHz)								
				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	24.11	24.18	24.10	25.2	0.0
Channel								
Frequency (MHz)								
				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	24.11	24.07	24.05	25.2	0.0
Channel								
Frequency (MHz)								
				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	24.14	24.15	24.11	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				2520	2535	2550		
40	PI2 BPSK	1	1	22.41	22.49	22.43		
40	PI2 BPSK	1	108	22.37	22.52	22.51	23.2	0.0
40	PI2 BPSK	1	214	21.43	21.57	21.46		
40	PI2 BPSK	108	0	21.03	21.09	21.05	22.7	0.5
40	PI2 BPSK	108	54	22.40	22.53	22.41	23.2	0.0
40	PI2 BPSK	108	108	21.16	21.17	21.02		
40	PI2 BPSK	216	0	21.02	21.12	21.11	22.7	0.5
40	QPSK	1	1	22.55	22.58	22.53		
40	QPSK	1	108	22.41	22.49	22.45	23.2	0.0
40	QPSK	1	214	22.31	22.46	22.42		
40	QPSK	108	0	21.39	21.49	21.41	22.2	1.0
40	QPSK	108	54	22.41	22.48	22.47	23.2	0.0
40	QPSK	108	108	21.55	21.69	21.67		
40	QPSK	216	0	21.62	21.63	21.52	22.2	1.0
40	16QAM	1	1	21.30	21.43	21.40	22.2	1.0
40	64QAM	1	1	19.78	19.93	19.89	20.7	2.5
40	256QAM	1	1	17.81	17.89	17.78	19.7	4.5
Channel								
Frequency (MHz)								
				2516	2535	2555	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.46	22.54	22.42	23.2	0.0
Channel								
Frequency (MHz)								
				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.36	22.52	22.47	23.2	0.0
Channel								
Frequency (MHz)								
				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.39	22.51	22.45	23.2	0.0
Channel								
Frequency (MHz)								
				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.45	22.51	22.51	23.2	0.0
Channel								
Frequency (MHz)								
				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.49	22.49	22.55	23.2	0.0
Channel								
Frequency (MHz)								
				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.47	22.52	22.47	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				2520	2535	2550		
40	PI2 BPSK	1	1	24.18	24.22	24.13		
40	PI2 BPSK	1	108	24.02	24.12	23.98	25.2	0.0
40	PI2 BPSK	1	214	24.04	24.06	23.97		
40	PI2 BPSK	108	0	22.74	22.79	22.77	24.7	0.5
40	PI2 BPSK	108	54	24.08	24.14	24.11	25.2	0.0
40	PI2 BPSK	108	108	22.73	22.84	22.75		
40	PI2 BPSK	216	0	22.78	22.88	22.86	24.7	0.5
40	QPSK	1	1	23.13	23.25	23.23		
40	QPSK	1	108	23.95	24.10	24.09	25.2	0.0
40	QPSK	1	214	23.85	24.00	23.98		
40	QPSK	108	0	22.95	23.02	22.90	24.2	1.0
40	QPSK	108	54	24.11	24.25	24.18	25.2	0.0
40	QPSK	108	108	23.12	23.22	23.15		
40	QPSK	216	0	22.98	23.13	23.11	24.2	1.0
40	16QAM	1	1	22.91	23.05	23.02	24.2	1.0
40	64QAM	1	1	21.55	21.59	21.53	22.7	2.5
40	256QAM	1	1	19.51	19.56	19.48	20.7	4.5
Channel								
Frequency (MHz)								
				2515	2535	2555	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	24.05	24.16	24.20	25.2	0.0
Channel								
Frequency (MHz)								
				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	23.98	24.15	24.16	25.2	0.0
Channel								
Frequency (MHz)								
				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	24.04	24.19	24.11	25.2	0.0
Channel								
Frequency (MHz)								
				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	24.05	24.11	24.13	25.2	0.0
Channel								
Frequency (MHz)								
				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	24.09	24.20	24.20	25.2	0.0
Channel								
Frequency (MHz)								
				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	24.05	24.24	24.18	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50500	50700	51000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	23.16	23.27	23.15	24.0	0.0
40	PI2 BPSK	1	108	23.18	23.30	23.29		
40	PI2 BPSK	1	214	23.20	23.26	23.22		
40	PI2 BPSK	108	0	21.62	21.72	21.67	23.5	0.5
40	PI2 BPSK	54	54	23.37	23.39	23.26	24.0	0.0
40	PI2 BPSK	108	108	21.67	21.78	21.69	23.5	0.5
40	PI2 BPSK	216	0	21.71	21.83	21.72		
40	QPSK	1	1	23.35	23.60	23.32		
40	QPSK	1	108	23.20	23.32	23.27	24.0	0.0
40	QPSK	1	214	23.07	23.21	23.19	23.0	1.0
40	QPSK	108	0	22.17	22.32	22.18		
40	QPSK	108	54	23.25	23.36	23.26		
40	QPSK	108	108	22.22	22.37	22.25	23.0	1.0
40	QPSK	216	0	22.33	22.35	22.31		
40	16QAM	1	1	22.18	22.31	22.23	23.0	1.0
40	64QAM	1	1	20.71	20.81	20.74	21.5	2.5
40	256QAM	1	1	18.71	18.75	18.72	19.5	4.5
Channel				50500	50700	51100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.26	23.37	23.27	24.0	0.0
Channel				50500	50700	51100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.28	23.27	23.30	24.0	0.0
Channel				50200	50700	51200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.30	23.36	23.26	24.0	0.0
Channel				50100	50700	51200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.24	23.36	23.26	24.0	0.0
Channel				50100	50700	51200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.21	23.27	23.17	24.0	0.0
Channel				50050	50700	51350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.24	23.29	23.24	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.89	23.92	23.81	24.7	0.0
15	PI2 BPSK	1	40	23.78	23.82	23.88		
15	PI2 BPSK	1	77	23.87	23.90	23.77		
15	PI2 BPSK	36	0	23.30	23.36	23.30	24.2	0.5
15	PI2 BPSK	36	22	23.85	23.91	23.86	24.7	0.0
15	PI2 BPSK	36	43	23.21	23.35	23.28	24.2	0.5
15	PI2 BPSK	75	0	23.23	23.37	23.36		
15	QPSK	1	1	23.85	24.12	23.98		
15	QPSK	1	40	23.58	23.71	23.89	24.7	0.0
15	QPSK	1	77	23.76	23.88	23.73	23.7	1.0
15	QPSK	36	0	22.68	22.80	22.69		
15	QPSK	36	22	23.75	23.82	23.95		
15	QPSK	36	43	22.71	22.84	22.73	23.7	1.0
15	QPSK	75	0	22.72	22.85	22.78		
15	16QAM	1	1	22.83	22.92	22.84	23.7	1.0
15	64QAM	1	1	21.36	21.44	21.43	22.2	2.5
15	256QAM	1	1	19.27	19.36	19.34	20.2	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.99	23.97	23.99	24.7	0.0
Channel				140300	141500	142100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.01	23.98	23.99	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.04	23.07	23.04	23.8	0.0
15	PI2 BPSK	1	40	22.84	22.96	22.92		
15	PI2 BPSK	1	77	22.94	23.04	22.91		
15	PI2 BPSK	36	0	22.38	22.52	22.43	23.3	0.5
15	PI2 BPSK	36	22	22.95	23.01	22.96	23.8	0.0
15	PI2 BPSK	36	43	22.31	22.44	22.31	23.3	0.5
15	PI2 BPSK	75	0	22.33	22.46	22.42		
15	QPSK	1	1	22.85	23.00	23.05		
15	QPSK	1	40	22.82	22.88	22.74	23.8	0.0
15	QPSK	1	77	22.81	22.94	22.88	22.8	1.0
15	QPSK	36	0	21.90	22.04	22.01		
15	QPSK	36	22	23.00	23.05	23.03		
15	QPSK	36	43	21.88	21.89	21.85	22.9	1.0
15	QPSK	75	0	21.91	21.96	21.90		
15	16QAM	1	1	21.89	21.94	21.86	22.8	1.0
15	64QAM	1	1	20.49	20.51	20.38	21.3	2.5
15	256QAM	1	1	19.35	19.44	19.38	19.3	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.89	23.00	22.99	23.8	0.0
Channel				140300	141500	142100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.82	22.99	22.97	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				156400	762			
Frequency (MHz)								
10	PI/2 BPSK	1	1	23.79			25.2	0.0
10	PI/2 BPSK	1	26	23.75				
10	PI/2 BPSK	1	50	23.79				
10	PI/2 BPSK	25	0	23.15			24.7	0.5
10	PI/2 BPSK	25	14	23.70			25.2	0.0
10	PI/2 BPSK	25	27	23.11			24.7	0.5
10	PI/2 BPSK	50	0	23.15				
10	QPSK	1	1	23.58				
10	QPSK	1	26	23.60			25.2	0.0
10	QPSK	1	50	23.69				
10	QPSK	25	0	22.67			24.2	1.0
10	QPSK	25	14	23.53			25.2	0.0
10	QPSK	25	27	22.58			24.2	1.0
10	QPSK	50	0	22.60				
10	16QAM	1	1	22.84			24.2	1.0
10	64QAM	1	1	21.13			22.7	2.5
10	256QAM	1	1	19.02			20.7	4.5
Channel				155900	156400	156900	Tune-up limit	MPR
Frequency (MHz)				779.5	762	764.5	(dBm)	(dB)
5	QPSK	1	1	23.86	23.85	23.97	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				156400	762			
Frequency (MHz)								
10	PI/2 BPSK	1	1	22.77			24.3	0.0
10	PI/2 BPSK	1	26	22.75				
10	PI/2 BPSK	1	50	22.72				
10	PI/2 BPSK	25	0	22.08			23.8	0.5
10	PI/2 BPSK	25	14	22.72			24.3	0.0
10	PI/2 BPSK	25	27	22.22			23.8	0.5
10	PI/2 BPSK	50	0	22.24				
10	QPSK	1	1	22.82				
10	QPSK	1	26	22.77			24.3	0.0
10	QPSK	1	50	22.75				
10	QPSK	25	0	21.74			23.3	1.0
10	QPSK	25	14	22.53			24.3	0.0
10	QPSK	25	27	21.89			23.3	1.0
10	QPSK	50	0	21.79				
10	16QAM	1	1	21.73			23.3	1.0
10	64QAM	1	1	20.22			21.9	2.5
10	256QAM	1	1	18.06			19.8	4.5
Channel				155900	156400	156900	Tune-up limit	MPR
Frequency (MHz)				779.5	762	764.5	(dBm)	(dB)
5	QPSK	1	1	22.68	22.74	22.67	24.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				376500	376500	376500		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.91	21.92	21.86	24.7	0.0
40	PI/2 BPSK	1	108	21.72	21.85	21.75		
40	PI/2 BPSK	1	214	21.73	21.83	21.81		
40	PI/2 BPSK	108	0	21.83	21.90	21.77	24.7	0.0
40	PI/2 BPSK	108	54	21.91	22.02	21.90	24.7	0.0
40	PI/2 BPSK	108	108	21.79	21.83	21.79	24.7	0.0
40	PI/2 BPSK	216	0	21.72	21.85	21.71		
40	QPSK	1	1	23.45	23.48	23.38		
40	QPSK	1	108	23.19	23.30	23.17	24.7	0.0
40	QPSK	1	214	23.31	23.32	23.28		
40	QPSK	108	0	22.29	22.43	22.38	23.7	1.0
40	QPSK	108	54	23.35	23.28	23.12	24.7	0.0
40	QPSK	108	108	22.42	22.43	22.34	23.7	1.0
40	QPSK	216	0	22.30	22.31	22.26		
40	16QAM	1	1	22.31	22.43	22.38	23.7	1.0
40	64QAM	1	1	20.62	20.61	20.62	22.2	2.5
40	256QAM	1	1	18.67	18.74	18.73	20.2	4.5
Channel				375000	376500	380000	Tune-up limit	MPR
Frequency (MHz)				1865	1882.5	1900	(dBm)	(dB)
30	QPSK	1	1	23.29	23.44	23.30	24.7	0.0
Channel				372500	376500	380500	Tune-up limit	MPR
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)	(dB)
25	QPSK	1	1	23.31	23.45	23.32	24.7	0.0
Channel				372000	376500	381000	Tune-up limit	MPR
Frequency (MHz)				1860	1882.5	1905	(dBm)	(dB)
20	QPSK	1	1	23.33	23.39	23.35	24.7	0.0
Channel				371500	376500	381500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)	(dB)
15	QPSK	1	1	23.27	23.38	23.32	24.7	0.0
Channel				371000	376500	382000	Tune-up limit	MPR
Frequency (MHz)				1855	1882.5	1910	(dBm)	(dB)
10	QPSK	1	1	23.37	23.36	23.23	24.7	0.0
Channel				370500	376500	382500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)	(dB)
5	QPSK	1	1	23.37	23.33	23.27	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
1670 1682.5 1695								
40	PI/2 BPSK	1	1	20.48	20.49	20.45	23.2	0.0
40	PI/2 BPSK	1	108	20.31	20.38	20.35		
40	PI/2 BPSK	1	214	20.26	20.33	20.26		
40	PI/2 BPSK	108	0	20.23	20.37	20.23	23.2	0.0
40	PI/2 BPSK	108	54	20.22	20.35	20.32	23.2	0.0
40	PI/2 BPSK	108	108	20.13	20.27	20.26	23.2	0.0
40	PI/2 BPSK	216	0	20.21	20.31	20.18		
40	QPSK	1	1	21.72	21.83	21.86		
40	QPSK	1	108	21.72	21.76	21.66	23.2	0.0
40	QPSK	1	214	21.68	21.74	21.72	22.2	1.0
40	QPSK	108	0	20.74	20.84	20.78		
40	QPSK	108	54	21.75	21.89	21.84		
40	QPSK	108	108	20.68	20.76	20.62	22.2	1.0
40	QPSK	216	0	20.81	20.85	20.83		
40	16QAM	1	1	20.74	20.78	20.73	22.2	1.0
40	8QAM	1	1	19.15	19.30	19.25	20.7	2.5
40	25QAM	1	1	17.03	17.16	17.13	18.7	4.5
Channel								
375000 376500 380000								
Frequency (MHz)								
1865 1882.5 1900								
30	QPSK	1	1	21.76	21.81	21.71	23.2	0.0
Channel								
372500 376500 380000								
Frequency (MHz)								
1862.5 1882.5 1902.5								
25	QPSK	1	1	21.76	21.85	21.81	23.2	0.0
Channel								
372000 376500 381000								
Frequency (MHz)								
1859 1882.5 1905								
20	QPSK	1	1	21.71	21.90	21.73	23.2	0.0
Channel								
371500 376500 381500								
Frequency (MHz)								
1857.5 1882.5 1907.5								
15	QPSK	1	1	21.76	21.78	21.77	23.2	0.0
Channel								
371000 376500 382000								
Frequency (MHz)								
1855 1882.5 1910								
10	QPSK	1	1	21.77	21.88	21.74	23.2	0.0
Channel								
370500 376500 382500								
Frequency (MHz)								
1852.5 1882.5 1912.5								
5	QPSK	1	1	21.66	21.81	21.83	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
1870 1882.5 1895								
40	PI/2 BPSK	1	1	22.40	22.50	22.43	25.2	0.0
40	PI/2 BPSK	1	108	22.37	22.48	22.34		
40	PI/2 BPSK	1	214	22.50	22.51	22.44		
40	PI/2 BPSK	108	0	22.28	22.35	22.28	25.2	0.0
40	PI/2 BPSK	108	54	22.51	22.54	22.40	25.2	0.0
40	PI/2 BPSK	108	108	22.29	22.43	22.28	25.2	0.0
40	PI/2 BPSK	216	0	22.52	22.60	22.50		
40	QPSK	1	1	23.95	24.00	23.91		
40	QPSK	1	108	23.95	24.03	23.97	25.2	0.0
40	QPSK	1	214	23.96	24.00	23.98	24.2	1.0
40	QPSK	108	0	22.88	22.97	22.88		
40	QPSK	108	54	24.03	24.04	23.98		
40	QPSK	108	108	22.79	22.94	22.91	24.2	1.0
40	QPSK	216	0	23.03	23.05	23.02		
40	16QAM	1	1	22.95	22.96	22.85	24.2	1.0
40	8QAM	1	1	21.57	21.41	21.36	22.7	2.5
40	25QAM	1	1	19.29	19.33	19.36	20.7	4.5
Channel								
375000 376500 380000								
Frequency (MHz)								
1865 1882.5 1900								
30	QPSK	1	1	23.98	24.05	23.87	25.2	0.0
Channel								
372500 376500 380000								
Frequency (MHz)								
1862.5 1882.5 1902.5								
25	QPSK	1	1	23.97	24.05	23.90	25.2	0.0
Channel								
372000 376500 381000								
Frequency (MHz)								
1859 1882.5 1905								
20	QPSK	1	1	24.04	24.01	23.96	25.2	0.0
Channel								
371500 376500 381500								
Frequency (MHz)								
1857.5 1882.5 1907.5								
15	QPSK	1	1	23.98	24.06	23.97	25.2	0.0
Channel								
371000 376500 382000								
Frequency (MHz)								
1855 1882.5 1910								
10	QPSK	1	1	24.04	24.07	23.88	25.2	0.0
Channel								
370500 376500 382500								
Frequency (MHz)								
1852.5 1882.5 1912.5								
5	QPSK	1	1	23.97	24.00	23.89	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
1870 1882.5 1895								
40	PI/2 BPSK	1	1	21.84	21.86	21.77	24.2	0.0
40	PI/2 BPSK	1	108	21.71	21.83	21.78		
40	PI/2 BPSK	1	214	21.68	21.72	21.57		
40	PI/2 BPSK	108	0	21.67	21.71	21.66	24.2	0.0
40	PI/2 BPSK	108	54	21.70	21.71	21.60	24.2	0.0
40	PI/2 BPSK	108	108	21.78	21.83	21.77	24.2	0.0
40	PI/2 BPSK	216	0	21.57	21.71	21.67		
40	QPSK	1	1	23.23	23.36	23.32		
40	QPSK	1	108	23.21	23.29	23.15	24.2	0.0
40	QPSK	1	214	23.23	23.30	23.25	23.2	1.0
40	QPSK	108	0	22.24	22.27	22.25		
40	QPSK	108	54	23.33	23.34	23.32		
40	QPSK	108	108	22.15	22.27	22.12	23.2	1.0
40	QPSK	216	0	22.27	22.42	22.35		
40	16QAM	1	1	22.13	22.18	22.14	23.2	1.0
40	8QAM	1	1	20.60	20.63	20.54	21.7	2.5
40	25QAM	1	1	19.51	19.54	19.53	19.7	4.5
Channel								
375000 376500 380000								
Frequency (MHz)								
1865 1882.5 1900								
30	QPSK	1	1	23.21	23.26	23.27	24.2	0.0
Channel								
372500 376500 380000								
Frequency (MHz)								
1862.5 1882.5 1902.5								
25	QPSK	1	1	23.28	23.32	23.26	24.2	0.0
Channel								
372000 376500 381000								
Frequency (MHz)								
1859 1882.5 1905								
20	QPSK	1	1	23.17	23.35	23.12	24.2	0.0
Channel								
371500 376500 381000								
Frequency (MHz)								
1857.5 1882.5 1907.5								
15	QPSK	1	1	23.17	23.37	23.24	24.2	0.0
Channel								
371000 376500 382000								
Frequency (MHz)								
1855 1882.5 1910								
10	QPSK	1	1	23.17	23.21	23.18	24.2	0.0
Channel								
370500 376500 382500								
Frequency (MHz)								
1852.5 1882.5 1912.5								
5	QPSK	1	1	23.23	23.32	23.22	24.2	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164500	165300	167300	25.2	0.0
Frequency (MHz)				824	831.5	839		
20	PI2 BPSK	1	1	24.32	24.39	24.33		
20	PI2 BPSK	1	53	24.29	24.38	24.35	24.7	0.5
20	PI2 BPSK	1	104	24.27	24.30	24.25		
20	PI2 BPSK	50	0	23.88	23.91	23.80		
20	PI2 BPSK	50	28	24.36	24.47	24.44	24.7	0.5
20	PI2 BPSK	50	56	23.87	23.90	23.83		
20	PI2 BPSK	100	0	23.81	23.94	23.85		
20	QPSK	1	1	23.44	23.51	23.35	25.2	0.0
20	QPSK	1	53	24.28	24.30	24.15		
20	QPSK	1	104	24.24	24.33	24.31		
20	QPSK	50	0	23.38	23.40	23.28	24.2	1.0
20	QPSK	50	28	24.16	24.32	24.10		
20	QPSK	50	56	23.36	23.38	23.25		
20	QPSK	100	0	23.24	23.39	23.29	24.2	1.0
20	16QAM	1	1	23.33	23.35	23.30		
20	16QAM	1	1	21.65	21.77	21.75		
20	256QAM	1	1	19.88	19.92	19.86	20.7	4.5
Channel				164300	166300	168300		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.34	24.48	24.34	25.2	0.0
Channel				163400	163300	163500		
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.42	24.49	24.38	25.2	0.0
Channel				163300	166300	169300		
Frequency (MHz)				814.5	831.5	848.5		
5	QPSK	1	1	24.43	24.43	24.32	25.2	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164500	165300	167300	24.3	0.0
Frequency (MHz)				824	831.5	839		
20	PI2 BPSK	1	1	23.39	23.42	23.28		
20	PI2 BPSK	1	53	23.27	23.39	23.30	23.8	0.5
20	PI2 BPSK	1	104	23.31	23.41	23.28		
20	PI2 BPSK	50	0	22.88	22.92	22.79		
20	PI2 BPSK	50	28	23.33	23.39	23.28	23.8	0.5
20	PI2 BPSK	50	56	22.85	22.97	22.85		
20	PI2 BPSK	100	0	22.80	22.94	22.96		
20	QPSK	1	1	23.00	23.45	23.43	24.3	0.0
20	QPSK	1	53	23.24	23.37	23.33		
20	QPSK	1	104	23.28	23.42	23.27		
20	QPSK	50	0	22.40	22.45	22.30	24.3	0.0
20	QPSK	50	28	23.31	23.36	23.23		
20	QPSK	50	56	22.40	22.45	22.37		
20	QPSK	100	0	22.32	22.39	22.28	23.3	1.0
20	16QAM	1	1	22.38	22.45	22.33		
20	16QAM	1	1	20.90	20.91	20.76		
20	256QAM	1	1	18.91	18.96	18.95	19.9	4.5
Channel				164300	166300	168300		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.27	23.44	23.37	24.3	0.0
Channel				163400	163300	163500		
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.32	23.33	23.38	24.3	0.0
Channel				163300	166300	169300		
Frequency (MHz)				816.5	831.5	848.5		
5	QPSK	1	1	23.38	23.35	23.40	24.3	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000	462000	462000	24.4	0.0
Frequency (MHz)				2310				
10	PI2 BPSK	1	1		22.71			
10	PI2 BPSK	1	26		22.83		23.9	0.5
10	PI2 BPSK	1	50		22.67			
10	PI2 BPSK	25	0		22.69			
10	PI2 BPSK	25	14		22.66		23.9	0.5
10	PI2 BPSK	25	27		22.88			
10	PI2 BPSK	50	0		22.73			
10	QPSK	1	1		23.07		24.4	0.0
10	QPSK	1	26		23.01			
10	QPSK	1	50		22.95			
10	QPSK	25	0		21.62		23.4	1.0
10	QPSK	25	14		22.97			
10	QPSK	25	27		21.65			
10	QPSK	50	0		21.74		23.4	1.0
10	16QAM	1	1		22.08			
10	16QAM	1	1		20.35			
10	256QAM	1	1		18.49		19.9	4.5
Channel				461500	462000	462500		
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1		23.05	22.92	24.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000				
Frequency (MHz)				2310				
10	PI/2 BPSK	1	1	21.03			22.4	0.0
10	PI/2 BPSK	1	26	21.07				
10	PI/2 BPSK	1	50	21.02				
10	PI/2 BPSK	25	0	21.07			22.4	0.0
10	PI/2 BPSK	25	14	21.03			22.4	0.0
10	PI/2 BPSK	25	27	21.01			22.4	0.0
10	PI/2 BPSK	50	0	21.07				
10	QPSK	1	1	21.33				
10	QPSK	1	26	21.28			22.4	0.0
10	QPSK	1	50	21.29				
10	QPSK	25	0	19.94			21.4	1.0
10	QPSK	25	14	21.27			22.4	0.0
10	QPSK	25	27	20.03				
10	QPSK	50	0	20.01			21.4	1.0
10	16QAM	1	1	20.42			21.4	1.0
10	64QAM	1	1	18.91			19.9	2.5
10	256QAM	1	1	16.83			17.9	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.18	21.23	21.21	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	345000	355000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.61	22.64	22.49		
40	PI/2 BPSK	1	108	22.51	22.60	22.54	25.2	0.0
40	PI/2 BPSK	1	214	22.41	22.50	22.47		
40	PI/2 BPSK	108	0	21.38	21.50	21.37	24.7	0.5
40	PI/2 BPSK	108	54	22.51	22.60	22.59	25.2	0.0
40	PI/2 BPSK	108	108	21.37	21.48	21.45	24.7	0.5
40	PI/2 BPSK	216	0	21.48	21.56	21.47		
40	QPSK	1	1	23.01	23.07	23.06		
40	QPSK	1	108	23.95	24.02	23.91	25.2	0.0
40	QPSK	1	214	23.81	23.98	23.83		
40	QPSK	108	0	22.98	22.99	22.85	24.2	1.0
40	QPSK	108	54	23.37	23.35	23.36	25.2	0.0
40	QPSK	108	108	22.88	22.99	22.84	24.2	1.0
40	QPSK	216	0	22.92	23.04	23.03		
40	16QAM	1	1	23.02	23.08	22.93	24.2	1.0
40	64QAM	1	1	21.48	21.56	21.45	22.7	2.5
40	256QAM	1	1	19.29	19.42	19.37	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.00	23.98	24.05	25.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.92	24.06	23.97	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.94	23.92	24.04	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.91	23.98	24.04	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.94	23.93	24.01	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	345000	355000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.90	21.01	20.87		
40	PI/2 BPSK	1	108	20.89	20.98	20.83	23.7	0.0
40	PI/2 BPSK	1	214	20.82	20.86	20.73		
40	PI/2 BPSK	108	0	19.91	19.92	19.77	23.2	0.5
40	PI/2 BPSK	108	54	20.93	20.94	20.90	23.7	0.0
40	PI/2 BPSK	108	108	19.85	19.87	19.74	23.2	0.5
40	PI/2 BPSK	216	0	19.74	19.87	19.73		
40	QPSK	1	1	22.47	22.53	22.51		
40	QPSK	1	108	22.34	22.36	22.35	23.7	0.0
40	QPSK	1	214	22.23	22.27	22.19		
40	QPSK	108	0	21.33	21.43	21.34	22.7	1.0
40	QPSK	108	54	22.41	22.49	22.36	23.7	0.0
40	QPSK	108	108	21.32	21.33	21.22	22.7	1.0
40	QPSK	216	0	21.40	21.42	21.31		
40	16QAM	1	1	21.36	21.48	21.38	22.7	1.0
40	64QAM	1	1	19.94	19.94	19.87	21.2	2.5
40	256QAM	1	1	17.71	17.77	17.69	19.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.35	22.48	22.32	23.7	0.0
Channel				344500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.35	22.45	22.36	23.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.34	22.44	22.38	23.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.34	22.49	22.40	23.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.34	22.43	22.32	23.7	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1760			
40	Pi2 BPSK	1	1	22.52	22.85	22.52		25.2	0.0
40	Pi2 BPSK	1	108	22.39	22.48	22.43			
40	Pi2 BPSK	1	214	22.41	22.48	22.37			
40	Pi2 BPSK	108	0	21.39	21.45	21.31	24.7	0.5	
40	Pi2 BPSK	108	54	22.53	22.56	22.51	25.2	0.0	
40	Pi2 BPSK	108	108	21.42	21.50	21.48	24.7	0.5	
40	Pi2 BPSK	216	0	21.33	21.45	21.30			
40	QPSK	1	1	23.17	23.30	23.25			
40	QPSK	1	108	23.98	24.00	23.97	25.2	0.0	
40	QPSK	1	214	24.07	24.15	24.13			
40	QPSK	108	0	22.85	23.00	22.95	24.2	1.0	
40	QPSK	108	54	23.97	24.00	23.93	25.2	0.0	
40	QPSK	108	108	22.89	22.99	22.86	24.2	1.0	
40	QPSK	216	0	23.00	23.05	23.01			
40	16QAM	1	1	22.94	23.00	22.90	24.2	1.0	
40	64QAM	1	1	21.50	21.54	21.53	22.7	2.5	
40	256QAM	1	1	19.31	19.37	19.25	20.7	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	24.05	24.27	24.10	25.2	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	24.15	24.21	24.15	25.2	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	24.09	24.17	24.11	25.2	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	24.12	24.29	24.23	25.2	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	24.09	24.27	24.23	25.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	Pi2 BPSK	1	1	21.22	21.31	21.27		24.2	0.0
40	Pi2 BPSK	1	108	21.18	21.32	21.18			
40	Pi2 BPSK	1	214	21.40	21.47	21.41			
40	Pi2 BPSK	108	0	20.28	20.27	20.17	23.7	0.5	
40	Pi2 BPSK	108	54	21.22	21.36	21.35	24.2	0.0	
40	Pi2 BPSK	108	108	20.27	20.36	20.30	23.7	0.5	
40	Pi2 BPSK	216	0	20.31	20.33	20.30			
40	QPSK	1	1	22.67	22.84	22.82			
40	QPSK	1	108	22.67	22.81	22.73	24.2	0.0	
40	QPSK	1	214	22.84	22.78	22.83			
40	QPSK	108	0	21.65	21.67	21.59	23.2	1.0	
40	QPSK	108	54	22.69	22.81	22.76	24.2	0.0	
40	QPSK	108	108	21.78	21.92	21.78	23.2	1.0	
40	QPSK	216	0	21.78	21.86	21.81			
40	16QAM	1	1	21.52	21.64	21.61	23.2	1.0	
40	64QAM	1	1	20.07	20.15	20.07	21.7	2.5	
40	256QAM	1	1	17.88	18.03	18.02	19.7	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	22.69	22.81	22.75	24.2	0.0	
Channel				344500	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	22.70	22.77	22.80	24.2	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1772.5			
15	QPSK	1	1	22.63	22.70	22.70	24.2	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.58	22.74	22.78	24.2	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.69	22.72	22.68	24.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Middle Ch. / Freq.	Power Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	22.17	22.21	22.20	24.7	0.0	
20	PI/2 BPSK	1	53	22.33	22.39	22.29			
20	PI/2 BPSK	1	104	22.25	22.34	22.24			
20	PI/2 BPSK	50	0	22.22	22.32	22.22	24.7	0.0	
20	PI/2 BPSK	50	26	22.13	22.24	22.10	24.7	0.0	
20	PI/2 BPSK	50	56	22.21	22.27	22.20	24.7	0.0	
20	PI/2 BPSK	100	0	22.26	22.33	22.18			
20	QPSK	1	1	23.85	23.88	23.76			
20	QPSK	1	53	23.82	23.84	23.71	24.7	0.0	
20	QPSK	1	104	23.80	23.81	23.73			
20	QPSK	50	0	22.77	22.91	22.88			
20	QPSK	50	26	23.72	23.86	23.79	24.7	0.0	
20	QPSK	50	56	22.74	22.81	22.68	23.7	1.0	
20	QPSK	100	0	22.78	22.89	22.77			
20	16QAM	1	1	22.68	22.73	22.70			
20	64QAM	1	1	21.11	21.23	21.16	22.2	2.5	
20	256QAM	1	1	19.14	19.24	19.23	20.2	4.5	
Channel				134100	136100	138100	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	23.84	23.77	23.74	24.7	0.0	
Channel				133600	135700	138000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.73	23.77	23.67	24.7	0.0	
Channel				133100	136100	139100	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.77	23.79	23.75	24.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134000	136100	137900			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	21.40	21.52	21.44	23.8	0.0	
20	PI/2 BPSK	1	53	21.49	21.61	21.46			
20	PI/2 BPSK	1	104	21.41	21.56	21.48			
20	PI/2 BPSK	50	0	21.37	21.49	21.35	23.8	0.0	
20	PI/2 BPSK	50	26	21.53	21.59	21.51	23.8	0.0	
20	PI/2 BPSK	50	56	21.46	21.60	21.51	23.8	0.0	
20	PI/2 BPSK	100	0	21.49	21.51	21.41			
20	QPSK	1	1	23.08	23.09	22.98			
20	QPSK	1	53	22.92	23.01	22.87	23.8	0.0	
20	QPSK	1	104	22.93	23.06	22.92			
20	QPSK	50	0	22.07	22.08	22.01			
20	QPSK	50	26	23.06	23.07	22.97	23.8	0.0	
20	QPSK	50	56	22.10	22.11	21.96	22.8	1.0	
20	QPSK	100	0	22.03	22.12	21.99			
20	16QAM	1	1	21.91	21.92	21.91			
20	64QAM	1	1	20.43	20.54	20.51	21.3	2.5	
20	256QAM	1	1	18.44	18.57	18.52	19.3	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	22.99	23.04	22.95	23.8	0.0	
Channel				133000	135100	137000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.06	22.97	22.84	23.8	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	22.94	23.03	22.94	23.8	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	23.25	23.34	23.26	25.2	0.0
40	PI2 BPSK	1	53	23.29	23.32	23.22		
40	PI2 BPSK	1	104	23.26	23.29	23.22		
40	PI2 BPSK	50	0	22.25	22.30	22.24	24.2	1.0
40	PI2 BPSK	50	28	23.30	23.40	23.38	25.2	0.0
40	PI2 BPSK	50	56	22.25	22.25	22.22	24.2	1.0
40	PI2 BPSK	100	0	22.22	22.32	22.23		
40	QPSK	1	1	23.77	23.60	23.65		
40	QPSK	1	53	23.69	23.75	23.65	25.2	0.0
40	QPSK	1	104	23.50	23.60	23.59		
40	QPSK	50	0	22.62	22.75	22.60	24.2	1.0
40	QPSK	50	28	23.76	23.78	23.79	25.2	0.0
40	QPSK	50	56	22.70	22.80	22.69	24.2	1.0
40	QPSK	100	0	22.79	22.81	22.67		
40	16QAM	1	1	22.59	22.68	22.61	24.2	1.0
40	64QAM	1	1	21.15	21.22	21.14	22.7	2.5
40	256QAM	1	1	19.06	19.17	19.02	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.63	23.68	23.54	25.2	0.0
Channel				518000	519000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2605		
20	QPSK	1	1	23.65	23.75	23.57	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.76	23.67	23.67	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.64	23.69	23.65	25.2	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519998		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	22.06	22.11	22.06	23.2	0.0
40	PI2 BPSK	1	53	21.96	22.09	22.04		
40	PI2 BPSK	1	104	21.94	22.04	21.95		
40	PI2 BPSK	50	0	20.96	21.03	20.97	22.2	1.0
40	PI2 BPSK	50	28	22.06	22.13	22.06	23.2	0.0
40	PI2 BPSK	50	56	20.92	21.02	20.94	22.2	1.0
40	PI2 BPSK	100	0	21.02	21.07	21.04		
40	QPSK	1	1	22.36	22.53	22.41		
40	QPSK	1	53	22.50	22.51	22.45	23.2	0.0
40	QPSK	1	104	22.33	22.39	22.35		
40	QPSK	50	0	21.45	21.52	21.38	22.2	1.0
40	QPSK	50	28	22.46	22.53	22.43	23.2	0.0
40	QPSK	50	56	21.44	21.48	21.40	22.2	1.0
40	QPSK	100	0	21.43	21.53	21.38		
40	16QAM	1	1	21.49	21.51	21.42	22.2	1.0
40	64QAM	1	1	19.94	20.01	19.87	20.7	2.5
40	256QAM	1	1	17.84	17.97	17.87	18.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.49	22.49	22.34	23.2	0.0
Channel				518000	519000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2605		
20	QPSK	1	1	22.41	22.51	22.38	23.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.50	22.56	22.37	23.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.42	22.49	22.37	23.2	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519998		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	23.66	23.76	23.70	25.2	0.0
40	PI2 BPSK	1	53	23.63	23.72	23.63		
40	PI2 BPSK	1	104	23.69	23.75	23.65		
40	PI2 BPSK	50	0	22.51	22.60	22.57	24.2	1.0
40	PI2 BPSK	50	28	23.71	23.73	23.65	25.2	0.0
40	PI2 BPSK	50	56	22.60	22.65	22.62	24.2	1.0
40	PI2 BPSK	100	0	22.67	22.68	22.64		
40	QPSK	1	1	24.18	24.26	24.11		
40	QPSK	1	53	24.08	24.16	24.09	25.2	0.0
40	QPSK	1	104	24.18	24.25	24.15		
40	QPSK	50	0	22.99	23.14	23.10	24.2	1.0
40	QPSK	50	28	24.16	24.22	24.09	25.2	0.0
40	QPSK	50	56	22.97	23.11	22.95	24.2	1.0
40	QPSK	100	0	23.15	23.21	23.10		
40	16QAM	1	1	23.16	23.22	23.16	24.2	1.0
40	64QAM	1	1	21.56	21.66	21.53	22.7	2.5
40	256QAM	1	1	19.51	19.58	19.57	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.16	24.21	24.08	25.2	0.0
Channel				518000	519000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2605		
20	QPSK	1	1	24.08	24.16	24.08	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.15	24.23	24.08	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.09	24.25	24.12	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				519004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.79	22.89	22.86		
40	PI/2 BPSK	1	53	22.78	22.84	22.82	24.2	0.0
40	PI/2 BPSK	1	104	22.74	22.86	22.84		
40	PI/2 BPSK	50	0	21.80	21.92	21.80	23.2	1.0
40	PI/2 BPSK	50	28	22.77	22.89	22.83	24.2	0.0
40	PI/2 BPSK	50	56	21.71	21.80	21.68		
40	PI/2 BPSK	100	0	21.83	21.92	21.77	23.2	1.0
40	QPSK	1	1	23.40	23.47	23.38		
40	QPSK	1	53	23.24	23.39	23.28	24.2	0.0
40	QPSK	1	104	23.24	23.36	23.31		
40	QPSK	50	0	22.38	22.42	22.36	23.2	1.0
40	QPSK	50	28	23.28	23.42	23.34	24.2	0.0
40	QPSK	50	56	22.18	22.31	22.26		
40	QPSK	100	0	22.38	22.48	22.38	23.2	1.0
40	16QAM	1	1	22.20	22.30	22.22	23.2	1.0
40	64QAM	1	1	20.68	20.77	20.62	21.7	2.5
40	256QAM	1	1	18.72	18.81	18.71	18.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.27	23.32	23.37	24.2	0.0
Channel				518000	519000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.31	23.39	23.30	24.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.61	2595	2612.40		
15	QPSK	1	1	23.32	23.48	23.34	24.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.30	23.39	23.24	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506002	518598	529000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.85	23.99	23.96		
100	PI/2 BPSK	1	137	23.99	23.92	23.97	25.2	0.0
100	PI/2 BPSK	1	271	23.98	23.95	23.96		
100	PI/2 BPSK	135	0	23.98	23.93	23.96	25.2	0.0
100	PI/2 BPSK	135	69	23.94	23.93	23.87	25.2	0.0
100	PI/2 BPSK	135	138	23.99	23.99	23.93		
100	PI/2 BPSK	270	0	23.92	23.93	23.91	25.2	0.0
100	QPSK	1	1	24.01	24.04	23.97		
100	QPSK	1	137	23.85	24.00	23.88	25.2	0.0
100	QPSK	1	271	23.96	23.91	23.86		
100	QPSK	135	0	23.90	23.88	23.83	25.2	0.0
100	QPSK	135	69	23.98	24.00	23.91	25.2	0.0
100	QPSK	135	138	23.86	23.91	23.86		
100	QPSK	270	0	23.91	23.95	23.93	25.2	0.0
100	16QAM	1	1	24.00	23.94	23.94	25.2	0.0
100	64QAM	1	1	23.17	23.27	23.09	23.7	1.5
100	256QAM	1	1	21.07	21.26	21.14	21.7	3.5
Channel				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.87	23.90	23.84	25.2	0.0
Channel				507204	518598	527998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2640.99		
80	QPSK	1	1	23.96	23.94	23.90	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	1	23.99	23.95	23.92	25.2	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2639.98		
60	QPSK	1	1	24.00	24.01	23.87	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2644.99		
50	QPSK	1	1	23.98	23.95	23.85	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.93	23.91	23.85	25.2	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.89	23.89	23.89	25.2	0.0
Channel				501204	518598	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.92	24.03	23.89	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506002	518598	529000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.37	25.45	25.33		
100	PI/2 BPSK	1	137	25.35	25.44	25.31	27.2	0.0
100	PI/2 BPSK	1	271	25.66	25.68	25.54		
100	PI/2 BPSK	135	0	25.28	25.37	25.30	27.2	0.0
100	PI/2 BPSK	135	69	25.40	25.45	25.42	27.2	0.0
100	PI/2 BPSK	135	138	25.41	25.54	25.39		
100	PI/2 BPSK	270	0	25.36	25.44	25.36	27.2	0.0
100	QPSK	1	1	25.50	25.53	25.31		
100	QPSK	1	137	25.78	25.84	25.83	27.2	0.0
100	QPSK	1	271	25.84	25.90	25.81		
100	QPSK	135	0	24.33	24.37	24.25	26.2	1.0
100	QPSK	135	69	24.36	25.01	24.35	27.2	0.0
100	QPSK	135	138	24.53	24.54	24.47		
100	QPSK	270	0	24.37	24.42	24.30	26.2	1.0
100	16QAM	1	1	24.80	24.92	24.91	26.2	1.0
100	64QAM	1	1	23.32	23.35	23.24	24.7	2.5
100	256QAM	1	1	21.18	21.32	21.28	22.7	4.5
Channel				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.85	25.78	25.82	27.2	0.0
Channel				507204	518598	527998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2640.99		
80	QPSK	1	1	25.84	25.87	25.80	27.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	1	25.94	25.84	25.85	27.2	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2639.98		
60	QPSK	1	1	25.80	25.86	25.81	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2644.99		
50	QPSK	1	1	25.75	25.87	25.77	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.81	25.83	25.80	27.2	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.84	25.83	25.86	27.2	0.0
Channel				501204	518598	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.80	25.78	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
2546.01 2592.99 2640								
100	PI2 BPSK	1	1	22.31	22.61	22.59	23.2	0.0
100	PI2 BPSK	1	137	22.33	22.64	22.53		
100	PI2 BPSK	1	271	22.48	22.35	22.49	23.2	0.0
100	PI2 BPSK	135	0	22.27	22.69	22.57		
100	PI2 BPSK	135	69	22.30	22.88	22.53	23.2	0.0
100	PI2 BPSK	135	138	22.34	22.60	22.50	23.2	0.0
100	PI2 BPSK	270	0	22.32	22.59	22.51	23.2	0.0
100	QPSK	1	1	22.33	22.74	22.67		
100	QPSK	1	137	22.38	22.50	22.63	23.2	0.0
100	QPSK	1	271	22.38	22.63	22.53		
100	QPSK	135	0	22.25	22.63	22.44	23.2	0.0
100	QPSK	135	69	22.49	22.70	22.61	23.2	0.0
100	QPSK	135	138	22.31	22.63	22.54	23.2	0.0
100	QPSK	270	0	22.30	22.67	22.61		
100	16QAM	1	1	22.39	22.63	22.52	23.2	0.0
100	64QAM	1	1	21.39	21.73	21.66	22.7	0.5
100	256QAM	1	1	19.34	19.73	19.46	20.7	2.5
Channel								
506200 518598 526996								
Frequency (MHz)								
2541 2592.99 2644.98								
90	QPSK	1	1	22.39	22.62	22.55	23.2	0.0
Channel								
507204 518598 526996								
Frequency (MHz)								
2536.02 2592.99 2649.99								
80	QPSK	1	1	22.39	22.70	22.61	23.2	0.0
Channel								
506202 518598 531000								
Frequency (MHz)								
2531.01 2592.99 2650								
70	QPSK	1	1	22.42	22.69	22.60	23.2	0.0
Channel								
505200 518598 531996								
Frequency (MHz)								
2526 2592.99 2659.98								
60	QPSK	1	1	22.42	22.67	22.52	23.2	0.0
Channel								
504204 518598 532993								
Frequency (MHz)								
2521.02 2592.99 2664.99								
50	QPSK	1	1	22.40	22.62	22.55	23.2	0.0
Channel								
503202 518598 534000								
Frequency (MHz)								
2516.01 2592.99 2670								
40	QPSK	1	1	22.43	22.70	22.59	23.2	0.0
Channel								
502200 518598 534996								
Frequency (MHz)								
2511 2592.99 2674.98								
30	QPSK	1	1	22.40	22.60	22.62	23.2	0.0
Channel								
501204 518598 535993								
Frequency (MHz)								
2506.02 2592.99 2679.99								
20	QPSK	1	1	22.52	22.62	22.61	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
2546.01 2592.99 2640								
100	PI2 BPSK	1	1	23.56	23.88	23.83	25.2	0.0
100	PI2 BPSK	1	137	23.53	23.79	23.73		
100	PI2 BPSK	1	271	23.81	24.11	23.96	25.2	1.0
100	PI2 BPSK	135	0	22.52	22.84	22.78		
100	PI2 BPSK	135	69	24.13	24.38	24.23	25.2	0.0
100	PI2 BPSK	135	138	22.65	22.99	22.85	24.2	1.0
100	PI2 BPSK	270	0	22.62	22.91	22.80		
100	QPSK	1	1	24.11	24.59	24.51	25.2	0.0
100	QPSK	1	137	24.11	24.46	24.35		
100	QPSK	1	271	24.27	24.56	24.45	24.2	1.0
100	QPSK	135	0	22.73	22.97	22.88		
100	QPSK	135	69	24.06	24.33	24.26	25.2	0.0
100	QPSK	135	138	22.80	23.01	22.99	24.2	1.0
100	QPSK	270	0	22.59	22.91	22.80		
100	16QAM	1	1	23.04	23.35	23.24	24.2	1.0
100	64QAM	1	1	21.55	21.84	21.78	22.7	2.5
100	256QAM	1	1	19.50	19.82	19.71	20.7	4.5
Channel								
506200 518598 526996								
Frequency (MHz)								
2541 2592.99 2644.98								
90	QPSK	1	1	24.22	24.51	24.38	25.2	0.0
Channel								
507204 518598 526996								
Frequency (MHz)								
2536.02 2592.99 2649.99								
80	QPSK	1	1	24.26	24.44	24.51	25.2	0.0
Channel								
506202 518598 531000								
Frequency (MHz)								
2531.01 2592.99 2650								
70	QPSK	1	1	24.30	24.47	24.51	25.2	0.0
Channel								
505200 518598 531996								
Frequency (MHz)								
2526 2592.99 2659.98								
60	QPSK	1	1	24.24	24.46	24.44	25.2	0.0
Channel								
504204 518598 532993								
Frequency (MHz)								
2521.02 2592.99 2664.99								
50	QPSK	1	1	24.18	24.45	24.45	25.2	0.0
Channel								
503202 518598 534000								
Frequency (MHz)								
2516.01 2592.99 2670								
40	QPSK	1	1	24.27	24.55	24.40	25.2	0.0
Channel								
502200 518598 534996								
Frequency (MHz)								
2511 2592.99 2674.98								
30	QPSK	1	1	24.18	24.52	24.51	25.2	0.0
Channel								
501204 518598 535993								
Frequency (MHz)								
2506.02 2592.99 2679.99								
20	QPSK	1	1	24.20	24.52	24.45	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
2546.01 2592.99 2640									
100	PI2 BPSK	1	1	24.15	24.22	24.28	25.2	0.0	
100	PI2 BPSK	1	137	24.12	24.24	24.18			
100	PI2 BPSK	1	271	24.13	24.21	24.18	25.2	0.0	
100	PI2 BPSK	135	0	23.98	24.00	24.07			
100	PI2 BPSK	135	69	24.10	24.28	24.20	25.2	0.0	
100	PI2 BPSK	135	138	24.02	24.13	24.10	25.2	0.0	
100	PI2 BPSK	270	0	24.04	24.02	24.10			
100	QPSK	1	1	24.26	24.33	24.30			
100	QPSK	1	137	24.21	24.25	24.27	25.2	0.0	
100	QPSK	1	271	24.15	24.28	24.20	25.2	0.0	
100	QPSK	135	0	24.15	24.17	24.17			
100	QPSK	135	69	25.25	24.30	24.29	25.2	0.0	
100	QPSK	135	138	24.10	24.23	24.21	25.2	0.0	
100	QPSK	270	0	24.23	24.23	24.23	25.2	0.0	
100	16QAM	1	1	24.22	24.22	24.24			
100	64QAM	1	1	24.58	23.17	23.68	25.2	0.0	
100	256QAM	1	1	21.54	21.66	21.51	23.2	2.0	
Channel									
Frequency (MHz)									
2541 2592.99 2644.98									
90	QPSK	1	1	24.21	24.25	24.25	25.2	0.0	
	Channel								
	Frequency (MHz)								
	2536.02 2592.99 2649.99								
80	QPSK	1	1	24.15	24.26	24.28	25.2	0.0	
	Channel								
	Frequency (MHz)								
	2562.02 2589.98 2631.00								
70	QPSK	1	1	24.11	24.24	24.19	25.2	0.0	
	Channel								
	Frequency (MHz)								
	2526 2592.99 2659.98								
60	QPSK	1	1	24.15	24.21	24.17	25.2	0.0	
	Channel								
	Frequency (MHz)								
	2522.02 2589.98 2642.99								
50	QPSK	1	1	24.13	24.19	24.18	25.2	0.0	
	Channel								
	Frequency (MHz)								
	2532.02 2592.99 2654.99								
40	QPSK	1	1	24.13	24.19	24.16	25.2	0.0	
	Channel								
	Frequency (MHz)								
	2522.05 2589.98 2639.98								
30	QPSK	1	1	24.21	24.25	24.18	25.2	0.0	
	Channel								
	Frequency (MHz)								
	2644.05 2659.99 2679.99								
20	QPSK	1	1	24.21	24.29	24.16	25.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
2546.01 2592.99 2640								
100	Pl2 BPSK	1	1	25.81	25.94	25.79	27.2	0.0
100	Pl2 BPSK	1	137	25.82	25.91	25.89		
100	Pl2 BPSK	1	271	26.02	26.06	25.94		
100	Pl2 BPSK	135	0	24.21	24.23	24.25	26.2	1.0
100	Pl2 BPSK	135	69	25.49	25.59	25.46	27.2	0.0
100	Pl2 BPSK	135	138	24.25	24.25	24.24	26.2	1.0
100	Pl2 BPSK	270	0	24.24	24.25	24.29	27.2	0.0
100	QPSK	1	1	25.11	26.24	26.21		
100	QPSK	1	137	25.99	26.12	25.98		
100	QPSK	1	271	26.09	26.22	26.16	26.2	1.0
100	QPSK	135	0	24.48	24.57	24.51	27.2	0.0
100	QPSK	135	69	25.05	26.07	25.93	26.2	1.0
100	QPSK	135	138	24.64	24.67	24.54	26.2	1.0
100	QPSK	270	0	24.49	24.52	24.47	26.2	1.0
100	16QAM	1	1	25.21	25.22	25.07	28.2	1.0
100	64QAM	1	1	23.70	23.72	23.69	24.7	2.5
100	256QAM	1	1	21.59	21.69	21.60	22.7	4.5
Channel								
Frequency (MHz)								
2541 2592.99 2644.98								
90	QPSK	1	1	25.99	26.22	26.18	27.2	0.0
Channel								
Frequency (MHz)								
2536.02 2592.99 2649.99								
80	QPSK	1	1	26.11	26.10	26.07	27.2	0.0
Channel								
Frequency (MHz)								
2531.01 2592.99 2645								
70	QPSK	1	1	26.07	26.15	26.17	27.2	0.0
Channel								
Frequency (MHz)								
2526 2592.99 2659.98								
60	QPSK	1	1	26.01	26.11	26.18	27.2	0.0
Channel								
Frequency (MHz)								
2521.02 2592.99 2654.99								
50	QPSK	1	1	26.00	26.23	26.12	27.2	0.0
Channel								
Frequency (MHz)								
2516.01 2592.99 2670								
40	QPSK	1	1	26.04	26.21	26.17	27.2	0.0
Channel								
Frequency (MHz)								
2511 2592.99 2674.98								
30	QPSK	1	1	26.02	26.17	26.06	27.2	0.0
Channel								
Frequency (MHz)								
2506.02 2592.99 2679.99								
20	QPSK	1	1	26.08	26.13	26.17	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
2546.01 2592.99 2640								
100	Pl2 BPSK	1	1	23.38	23.51	23.36	24.2	0.0
100	Pl2 BPSK	1	137	23.49	23.52	23.37		
100	Pl2 BPSK	1	271	23.41	23.61	23.46		
100	Pl2 BPSK	135	0	23.23	23.43	23.39	24.2	0.0
100	Pl2 BPSK	135	69	23.46	23.49	23.42	24.2	0.0
100	Pl2 BPSK	135	138	23.35	23.34	23.27	24.2	0.0
100	Pl2 BPSK	270	0	23.25	23.31	23.36	24.2	0.0
100	QPSK	1	1	23.53	23.69	23.51		
100	QPSK	1	137	23.39	23.61	23.44		
100	QPSK	1	271	23.45	23.50	23.41	24.2	0.0
100	QPSK	135	0	23.42	23.57	23.46	24.2	0.0
100	QPSK	135	69	23.55	23.68	23.46	24.2	0.0
100	QPSK	135	138	23.39	23.59	23.47	24.2	0.0
100	QPSK	270	0	23.44	23.55	23.43	24.2	0.0
100	16QAM	1	1	23.43	23.54	23.38	24.2	0.0
100	64QAM	1	1	22.75	22.84	22.94	23.7	0.5
100	256QAM	1	1	20.63	20.81	20.74	21.7	2.5
Channel								
Frequency (MHz)								
2541 2592.99 2644.98								
90	QPSK	1	1	23.51	23.57	23.39	24.2	0.0
Channel								
Frequency (MHz)								
2536.02 2592.99 2649.99								
80	QPSK	1	1	23.50	23.54	23.45	24.2	0.0
Channel								
Frequency (MHz)								
2531.01 2592.99 2645								
70	QPSK	1	1	23.41	23.59	23.37	24.2	0.0
Channel								
Frequency (MHz)								
2526 2592.99 2659.98								
60	QPSK	1	1	23.52	23.54	23.46	24.2	0.0
Channel								
Frequency (MHz)								
2521.02 2592.99 2654.99								
50	QPSK	1	1	23.46	23.63	23.47	24.2	0.0
Channel								
Frequency (MHz)								
2516.01 2592.99 2670								
40	QPSK	1	1	23.49	23.61	23.48	24.2	0.0
Channel								
Frequency (MHz)								
2511 2592.99 2674.98								
30	QPSK	1	1	23.44	23.66	23.43	24.2	0.0
Channel								
Frequency (MHz)								
2506.02 2592.99 2679.99								
20	QPSK	1	1	23.43	23.60	23.48	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
2546.01 2592.99 2640								
100	Pl2 BPSK	1	1	24.81	24.91	24.86	26.2	0.0
100	Pl2 BPSK	1	137	24.70	24.81	24.66		
100	Pl2 BPSK	135	0	23.39	23.51	23.47		
100	Pl2 BPSK	135	69	24.61	24.76	24.83	26.2	0.0
100	Pl2 BPSK	135	138	23.47	23.48	23.39	25.2	1.0
100	Pl2 BPSK	270	0	23.31	23.45	23.44		
100	QPSK	1	1	25.38	25.48	25.35		
100	QPSK	1	137	25.14	25.24	25.14	26.2	0.0
100	QPSK	1	271	25.24	25.39	25.34	26.2	0.0
100	QPSK	135	0	23.69	23.75	23.66	25.2	1.0
100	QPSK	135	69	25.32	25.33	25.19	26.2	0.0
100	QPSK	135	138	23.84	23.89	23.81	25.2	1.0
100	QPSK	270	0	23.84	23.92	23.90	26.2	0.0
100	16QAM	1	1	24.31	24.46	24.36	25.2	1.0
100	64QAM	1	1	22.88	23.01	22.94	23.7	2.5
100	256QAM	1	1	20.78	20.89	20.86	21.7	4.5
Channel								
Frequency (MHz)								
2541 2592.99 2644.98								
90	QPSK	1	1	25.29	25.39	25.25	26.2	0.0
Channel								
Frequency (MHz)								
2536.02 2592.99 2649.99								
80	QPSK	1	1	25.23	25.34	25.20	26.2	0.0
Channel								
Frequency (MHz)								
2531.01 2592.99 2645								
70	QPSK	1	1	25.15	25.49	25.32	26.2	0.0
Channel								
Frequency (MHz)								
2526 2592.99 2650.98								
60	QPSK	1	1	25.31	25.35	25.25	26.2	0.0
Channel								
Frequency (MHz)								
2521.02 2592.99 2644.99								
50	QPSK	1	1	25.36	25.37	25.25	26.2	0.0
Channel								
Frequency (MHz)								
2516.01 2592.99 2670								
40	QPSK	1	1	25.37	25.31	25.25	26.2	0.0
Channel								
Frequency (MHz)								
2522.00 2595.98 2674.98								
30	QPSK	1	1	25.11	2592.99	2674.98	26.2	0.0
Channel								
Frequency (MHz)								
2517.04 2595.98 2674.98								
20	QPSK	1	1	25.29	25.38	2674.98	26.2	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641664	645332	25.2	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	24.14	24.16	24.08		
40	PI2 BPSK	1	53	24.07	24.11	24.00	21.7	3.5
40	PI2 BPSK	1	164	24.00	24.08	24.05		
40	PI2 BPSK	50	0	21.03	21.13	20.99		
40	PI2 BPSK	50	28	24.11	24.18	24.13	25.2	0.0
40	PI2 BPSK	50	56	21.05	21.09	21.03		
40	PI2 BPSK	100	0	21.00	21.11	20.99		
40	QPSK	1	1	24.08	24.15	24.17	25.2	0.0
40	QPSK	1	53	23.87	24.00	23.93		
40	QPSK	1	164	23.92	24.03	23.96		
40	QPSK	50	0	20.57	20.62	20.61	21.7	3.5
40	QPSK	50	28	24.04	24.07	24.03		
40	QPSK	50	56	20.48	20.50	20.52		
40	QPSK	100	0	20.47	20.58	20.43	24.2	1.0
40	16QAM	1	1	23.04	23.05	22.93		
40	16QAM	1	1	21.43	21.55	21.49		
40	256QAM	1	1	19.62	19.63	19.53	20.7	4.5
Channel				637668	641664	645666		
Frequency (MHz)				3168.34	3208.32	3228.33		
30	QPSK	1	1	23.94	24.04	23.98	25.2	0.0
Channel				637333	641664	645596	25.2	0.0
Frequency (MHz)				3166.69	3208.32	3228.98		
20	QPSK	1	1	24.00	24.08	24.11	25.2	0.0
Channel				637002	641664	646332	25.2	0.0
Frequency (MHz)				3165.01	3208.32	3231.66		
10	QPSK	1	1	24.04	24.13	24.00	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641664	645332	23.8	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	22.78	22.90	22.77		
40	PI2 BPSK	1	53	22.78	22.80	22.78	20.3	3.5
40	PI2 BPSK	1	164	22.65	22.90	22.72		
40	PI2 BPSK	50	0	19.79	19.93	19.91		
40	PI2 BPSK	50	28	22.86	22.94	22.86	20.3	3.5
40	PI2 BPSK	50	56	19.88	19.89	19.83		
40	PI2 BPSK	100	0	19.79	19.85	19.79		
40	QPSK	1	1	22.90	22.95	22.91	23.8	0.0
40	QPSK	1	53	22.67	22.78	22.72		
40	QPSK	1	164	22.80	22.81	22.78		
40	QPSK	50	0	19.37	19.40	19.32	20.3	3.5
40	QPSK	50	28	22.85	22.92	22.78		
40	QPSK	50	56	19.22	19.37	19.27		
40	QPSK	100	0	19.32	19.34	19.19	22.8	1.0
40	16QAM	1	1	21.80	21.82	21.77		
40	16QAM	1	1	20.26	20.38	20.24		
40	256QAM	1	1	18.33	18.44	18.31	19.3	4.5
Channel				637668	641664	645666		
Frequency (MHz)				3168.34	3208.32	3228.33		
30	QPSK	1	1	22.78	22.84	22.73	23.8	0.0
Channel				637333	641664	645596	23.8	0.0
Frequency (MHz)				3166.69	3208.32	3228.98		
20	QPSK	1	1	22.87	22.81	22.79	23.8	0.0
Channel				637002	641664	646332	23.8	0.0
Frequency (MHz)				3165.01	3208.32	3231.66		
10	QPSK	1	1	22.88	22.94	22.68	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641664	645332	21.2	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	20.39	20.41	20.27		
40	PI2 BPSK	1	53	20.15	20.30	20.29	17.7	3.5
40	PI2 BPSK	1	164	20.26	20.31	20.18		
40	PI2 BPSK	50	0	17.30	17.40	17.29		
40	PI2 BPSK	50	28	20.41	20.47	20.33	21.2	0.0
40	PI2 BPSK	50	56	17.31	17.32	17.23		
40	PI2 BPSK	100	0	17.29	17.38	17.35		
40	QPSK	1	1	20.52	20.58	20.54	21.2	0.0
40	QPSK	1	53	20.16	20.27	20.21		
40	QPSK	1	164	20.24	20.32	20.19		
40	QPSK	50	0	16.71	16.84	16.80	17.7	3.5
40	QPSK	50	28	20.23	20.29	20.21		
40	QPSK	50	56	16.67	16.74	16.65		
40	QPSK	100	0	16.68	16.80	16.68	19.24	1.0
40	16QAM	1	1	19.22	19.35	19.24		
40	16QAM	1	1	17.82	17.90	17.76		
40	256QAM	1	1	15.76	15.90	15.82	16.7	4.5
Channel				637668	641664	645666		
Frequency (MHz)				3168.34	3208.32	3228.33		
30	QPSK	1	1	20.43	20.58	20.47	21.2	0.0
Channel				637333	641664	645596	21.2	0.0
Frequency (MHz)				3166.69	3208.32	3228.98		
20	QPSK	1	1	20.48	20.52	20.42	21.2	0.0
Channel				637002	641664	646332	21.2	0.0
Frequency (MHz)				3165.01	3208.32	3231.66		
10	QPSK	1	1	20.41	20.56	20.52	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	641664	646332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI2 BPSK	1	1	19.67	19.78	19.72	21.2	0.0
40	PI2 BPSK	1	53	19.71	19.74	19.61		
40	PI2 BPSK	1	104	19.06	19.77	19.65		
40	PI2 BPSK	50	0	16.75	16.85	16.82	17.7	3.5
40	PI2 BPSK	50	28	19.06	19.68	19.59	21.2	0.0
40	PI2 BPSK	50	56	16.72	16.87	16.83	17.7	3.5
40	PI2 BPSK	100	0	16.64	16.79	16.86		
40	QPSK	1	1	19.71	19.76	19.71		
40	QPSK	1	53	19.51	19.62	19.58	21.2	0.0
40	QPSK	1	104	19.67	19.75	19.66		
40	QPSK	50	0	16.20	16.29	16.27	17.7	3.5
40	QPSK	50	28	19.06	19.75	19.66	21.2	0.0
40	QPSK	50	56	16.16	16.26	16.17	17.7	3.5
40	QPSK	100	0	16.20	16.28	16.13		
40	16QAM	1	1	18.59	18.74	18.60	20.2	1.0
40	64QAM	1	1	17.26	17.29	17.22	18.7	2.5
40	256QAM	1	1	15.13	15.25	15.12	16.7	4.5
Channel				637868	641664	645696	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3168.34	3206.32	3226.33		
30	QPSK	1	1	19.73	19.66	19.59	21.2	0.0
Channel				637200	641664	645696	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3168.69	3206.32	3229.98		
20	QPSK	1	1	19.59	19.68	19.66	21.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3165.01	3204.32	3211.66		
10	QPSK	1	1	19.67	19.67	19.69	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332	633332	633332		
Frequency (MHz)				3499.98				
100	PI2 BPSK	1	1	24.53			25.2	0.0
100	PI2 BPSK	1	137	24.53				
100	PI2 BPSK	1	271	24.45				
100	PI2 BPSK	135	0	24.33			25.2	0.0
100	PI2 BPSK	135	69	24.54			25.2	0.0
100	PI2 BPSK	135	138	24.26			25.2	0.0
100	PI2 BPSK	270	0	24.24				
100	QPSK	1	1	24.56				
100	QPSK	1	137	24.46			25.2	0.0
100	QPSK	1	271	24.52				
100	QPSK	135	0	23.76			25.2	0.0
100	QPSK	135	69	24.35			25.2	0.0
100	QPSK	135	138	23.76			25.2	0.0
100	QPSK	270	0	23.76			25.2	0.0
100	16QAM	1	1	24.42			25.2	0.0
100	64QAM	1	1	23.05			23.7	1.5
100	256QAM	1	1	20.99			21.7	3.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.98		
90	QPSK	1	1	24.44	24.46	24.47	25.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.51	24.44	24.46	25.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.46	24.44	24.43	25.2	0.0
Channel				632000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
60	QPSK	1	1	24.52	24.43	24.53	25.2	0.0
Channel				631668	633332	633000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3505		
50	QPSK	1	1	24.50	24.54	24.51	25.2	0.0
Channel				631334	633332	633532	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3509.98		
40	QPSK	1	1	24.43	24.44	24.43	25.2	0.0
Channel				631000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
30	QPSK	1	1	24.45	24.51	24.52	25.2	0.0
Channel				630668	633332	633000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.54	24.48	24.44	25.2	0.0
Channel				630300	633332	633168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.05	3499.98	3522.49		
15	QPSK	1	1	24.50	24.51	24.47	25.2	0.0
Channel				630334	633332	633532	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.53	24.50	24.52	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				660000	660000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	23.94	23.98	23.89	25.2	0.0
100	PI2 BPSK	1	137	23.92	23.91	23.97		
100	PI2 BPSK	1	271	23.96	23.94	23.94		
100	PI2 BPSK	135	0	23.80	23.78	23.76	25.2	0.0
100	PI2 BPSK	135	69	24.00	23.92	24.00	25.2	0.0
100	PI2 BPSK	135	138	23.85	23.66	23.62	25.2	0.0
100	PI2 BPSK	270	0	23.63	23.68	23.59		
100	QPSK	1	1	24.41	24.43	24.43		
100	QPSK	1	137	23.93	23.95	23.86	25.2	0.0
100	QPSK	1	271	23.99	23.99	23.91		
100	QPSK	135	0	23.88	23.61	23.67	25.2	0.0
100	QPSK	135	69	24.43	24.47	24.41	25.2	0.0
100	QPSK	135	138	23.65	23.66	23.65	25.2	0.0
100	QPSK	270	0	23.61	23.71	23.70		
100	16QAM	1	1	24.41	24.27	24.30	25.2	0.0
100	64QAM	1	1	23.04	22.96	22.91	23.7	1.5
100	256QAM	1	1	20.86	20.98	20.96	21.7	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.39	24.48	24.34	25.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.40	24.45	24.35	25.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3940		
70	QPSK	1	1	24.35	24.36	24.30	25.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.37	24.37	24.31	25.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.28	24.40	24.32	25.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.35	24.36	24.32	25.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	24.30	24.47	24.41	25.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.39	24.44	24.28	25.2	0.0
Channel				647168	656000	664932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.02	3840	3972.45		
15	QPSK	1	1	24.37	24.45	24.32	25.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.28	24.45	24.42	25.2	0.0

Part27Q_n77_Ant 9 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633332		3499.98			
100	PI2 BPSK	1	1	25.15			26.2	0.0	
100	PI2 BPSK	1	137	24.90					
100	PI2 BPSK	1	271	24.92					
100	PI2 BPSK	135	0	24.44			25.7	0.5	0.0
100	PI2 BPSK	135	69	24.88			26.2	0.0	
100	PI2 BPSK	135	138	24.41			25.7	0.5	
100	PI2 BPSK	270	0	24.35			26.2	0.0	
100	QPSK	1	1	25.35					
100	QPSK	1	137	25.34					
100	QPSK	1	271	25.27			25.2	1.0	
100	QPSK	135	0	23.89			26.2	0.0	
100	QPSK	135	69	25.26			25.2	1.0	
100	QPSK	135	138	23.74			25.2	1.0	
100	QPSK	270	0	23.76			25.2	1.0	
100	16QAM	1	1	24.54			25.2	1.0	
100	64QAM	1	1	23.09			23.7	2.5	
100	256QAM	1	1	21.01			21.7	4.5	
Channel									
Frequency (MHz)				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
				3495	3499.98	3504.99			
90	QPSK	1	1	25.32	25.28	25.25	26.2	0.0	
Channel									
Frequency (MHz)				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
				3490.02	3499.98	3510			
80	QPSK	1	1	25.28	25.31	25.25	26.2	0.0	
Channel									
Frequency (MHz)				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
				3485.01	3499.98	3514.98			
70	QPSK	1	1	25.35	25.21	25.21	26.2	0.0	
Channel									
Frequency (MHz)				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
				3480	3499.98	3519.99			
60	QPSK	1	1	25.33	25.35	25.21	26.2	0.0	
Channel									
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
				3475.02	3499.98	3525			
50	QPSK	1	1	25.22	25.31	25.33	26.2	0.0	
Channel									
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
				3470.01	3499.98	3529.98			
40	QPSK	1	1	25.35	25.22	25.25	26.2	0.0	
Channel									
Frequency (MHz)				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)	
				3465	3499.98	3534.99			
30	QPSK	1	1	25.35	25.33	25.27	26.2	0.0	
Channel									
Frequency (MHz)				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
				3460.02	3499.98	3540			
20	QPSK	1	1	25.22	25.33	25.32	26.2	0.0	
Channel									
Frequency (MHz)				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)	
				3457.5	3499.98	3542.49			
15	QPSK	1	1	25.25	25.21	25.31	26.2	0.0	
Channel									
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
				3455.01	3499.98	3544.98			
10	QPSK	1	1	25.30	25.35	25.31	26.2	0.0	

Part27O_n77_Ant 9 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq. 650000	Power Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	25.11	25.07	25.13	26.2	0.0	
100	PI2 BPSK	1	137	24.81	24.85	24.76			
100	PI2 BPSK	1	271	24.86	24.78	24.91			
100	PI2 BPSK	135	0	24.32	24.38	24.37	25.7	0.5	
100	PI2 BPSK	135	69	24.81	24.74	24.79	26.2	0.0	
100	PI2 BPSK	135	138	24.30	24.32	24.32	25.7	0.5	
100	PI2 BPSK	270	0	24.23	24.34	24.24	26.2	0.0	
100	QPSK	1	1	25.25	25.33	25.28			
100	QPSK	1	137	25.21	25.20	25.25			
100	QPSK	1	271	25.22	25.16	25.21	25.2	1.0	
100	QPSK	135	0	23.82	23.77	23.76	26.2	0.0	
100	QPSK	135	69	23.95	25.17	25.14	26.2	0.0	
100	QPSK	135	138	23.73	23.67	23.69	25.2	1.0	
100	QPSK	270	0	23.74	23.77	23.71	25.2	1.0	
100	16QAM	1	1	24.43	24.46	24.52	25.2	1.0	
100	64QAM	1	1	23.02	23.00	22.98	23.7	2.5	
100	256QAM	1	1	20.97	20.91	20.91	21.7	4.5	
Channel									
Frequency (MHz)				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
				3745.02	3840	3934.98			
90	QPSK	1	1	25.15	25.24	25.13	26.2	0.0	
Channel									
Frequency (MHz)				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
				3740.01	3840	3939.99			
80	QPSK	1	1	25.12	25.30	25.19	26.2	0.0	
Channel									
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
				3735	3840	3945			
70	QPSK	1	1	25.16	25.32	25.23	26.2	0.0	
Channel									
Frequency (MHz)				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
				3730.02	3840	3949.98			
60	QPSK	1	1	25.23	25.19	25.23	26.2	0.0	
Channel									
Frequency (MHz)				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
				3725.01	3840	3954.99			
50	QPSK	1	1	25.15	25.27	25.23	26.2	0.0	
Channel									
Frequency (MHz)				648000	650000	650400	Tune-up limit (dBm)	MPR (dB)	
				3720	3840	3950			
40	QPSK	1	1	25.16	25.22	25.25	26.2	0.0	
Channel									
Frequency (MHz)				647668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
				3715.02	3840	3949.98			
30	QPSK	1	1	25.23	25.18	25.17	26.2	0.0	
Channel									
Frequency (MHz)				647334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
				3710.01	3840	3959.99			
20	QPSK	1	1	25.15	25.28	25.14	26.2	0.0	
Channel									
Frequency (MHz)				647168	650000	650432	Tune-up limit (dBm)	MPR (dB)	
				3707.52	3840	3972.48			
15	QPSK	1	1	25.19	25.22	25.14	26.2	0.0	
Channel									
Frequency (MHz)				647000	650000	650500	Tune-up limit (dBm)	MPR (dB)	
				3705	3840	3975			
10	QPSK	1	1	25.19	25.29	25.22	26.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power Power Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633332		3499.98			
100	PI2 BPSK	1	1	23.17			23.8	0.0	
100	PI2 BPSK	1	137	23.12					
100	PI2 BPSK	1	271	23.24					
100	PI2 BPSK	135	0	22.82		23.8			
100	PI2 BPSK	135	69	22.82		23.8	0.0		
100	PI2 BPSK	135	138	22.82		23.8	0.0		
100	PI2 BPSK	270	0	22.83		23.8	0.0		
100	QPSK	1	1	23.25			23.8	0.0	
100	QPSK	1	138	23.29					
100	QPSK	1	271	23.27					
100	QPSK	135	0	22.35		23.8			
100	QPSK	135	69	23.14		23.8	0.0		
100	QPSK	135	138	22.19		23.8	0.0		
100	QPSK	270	0	22.34		23.8	0.0		
100	16QAM	1	1	22.99		23.8	0.0		
100	64QAM	1	1	21.58		22.3	1.5		
100	256QAM	1	1	19.57		20.3	3.5		
Channel				633009	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3504.98			
90	QPSK	1	1	23.21	23.19	23.14	23.8	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3493.02	3499.98	35010			
80	QPSK	1	1	23.24	23.24	23.24	23.8	0.0	
Channel				632334	633332	633332	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	23.12	23.12	23.20	23.8	0.0	
Channel				632009	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	23.17	23.13	23.12	23.8	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3473.02	3499.98	3520			
50	QPSK	1	1	23.24	23.10	23.11	23.8	0.0	
Channel				631334	633332	635332	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	23.18	23.24	23.17	23.8	0.0	
Channel				631009	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	23.23	23.22	23.15	23.8	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.02	3499.98	3540			
20	QPSK	1	1	23.19	23.13	23.15	23.8	0.0	
Channel				630309	633332	636166	Tuneup limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	23.22	23.14	23.12	23.8	0.0	
Channel				630333	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	23.16	23.12	23.8	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	23.06	23.11	23.02		
100	PI2 BPSK	1	137	23.08	23.18	23.03	23.8	0.0
100	PI2 BPSK	1	271	23.08	23.21	23.14		
100	PI2 BPSK	135	0	22.67	22.77	22.74	23.8	0.0
100	PI2 BPSK	135	69	22.98	23.11	23.10	23.8	0.0
100	PI2 BPSK	135	138	22.67	22.89	22.62	23.8	0.0
100	PI2 BPSK	270	0	22.73	22.75	22.73		
100	QPSK	1	1	23.11	23.27	23.12		
100	QPSK	1	137	23.02	23.13	23.04	23.8	0.0
100	QPSK	1	271	22.94	23.09	23.02		
100	QPSK	135	0	22.23	22.25	22.22	23.8	0.0
100	QPSK	135	69	23.08	23.14	23.01	23.8	0.0
100	QPSK	135	138	21.94	22.08	22.01		
100	QPSK	270	0	22.20	22.22	22.11	23.8	0.0
100	16QAM	1	1	22.85	22.98	22.90	23.8	0.0
100	64QAM	1	1	21.25	21.40	21.28	22.3	1.5
100	256QAM	1	1	19.47	19.54	19.47	20.3	3.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.18	23.17	23.22	23.8	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.17	23.14	23.18	23.8	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	23.16	23.22	23.22	23.8	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.24	23.19	23.22	23.8	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.19	23.21	23.19	23.8	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.12	23.17	23.18	23.8	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.24	23.15	23.13	23.8	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.16	23.17	23.13	23.8	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	23.13	23.15	23.23	23.8	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.25	23.23	23.23	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	23.70				
100	PI2 BPSK	1	137	23.43			24.8	0.0
100	PI2 BPSK	1	271	23.45				
100	PI2 BPSK	135	0	22.98			24.3	0.5
100	PI2 BPSK	135	69	23.37			24.8	0.0
100	PI2 BPSK	135	138	22.78			24.3	0.5
100	PI2 BPSK	270	0	22.84				
100	QPSK	1	1	24.06				
100	QPSK	1	137	23.83			24.8	0.0
100	QPSK	1	271	23.81				
100	QPSK	135	0	22.39			23.8	1.0
100	QPSK	135	69	23.77			24.8	0.0
100	QPSK	135	138	22.20				
100	QPSK	270	0	22.34			23.8	1.0
100	16QAM	1	1	23.00			23.8	1.0
100	64QAM	1	1	21.61			22.3	2.5
100	256QAM	1	1	19.61			20.3	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.97	23.95	24.00	24.8	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.97	23.93	24.05	24.8	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	23.93	23.91	24.05	24.8	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.96	24.05	23.92	24.8	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.95	24.00	23.94	24.8	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.95	24.01	24.01	24.8	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.93	24.02	23.94	24.8	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	24.03	23.98	23.93	24.8	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	24.02	24.03	24.02	24.8	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.98	23.95	23.97	24.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	23.48	23.57	23.53		
100	PI2 BPSK	1	137	23.32	23.40	23.29	24.8	0.0
100	PI2 BPSK	1	271	23.26	23.36	23.29		
100	PI2 BPSK	135	0	22.87	22.91	22.77	24.3	0.5
100	PI2 BPSK	135	69	23.21	23.27	23.24	24.8	0.0
100	PI2 BPSK	135	138	22.73	22.74	22.63	24.3	0.5
100	PI2 BPSK	270	0	22.66	22.78	22.68		
100	QPSK	1	1	23.85	24.02	23.91		
100	QPSK	1	137	23.73	23.80	23.78	24.8	0.0
100	QPSK	1	271	23.74	23.88	23.82		
100	QPSK	135	0	22.28	22.38	22.31	23.8	1.0
100	QPSK	135	69	23.65	23.76	23.68	24.8	0.0
100	QPSK	135	138	22.10	22.17	22.07		
100	QPSK	270	0	22.14	22.26	22.18	23.8	1.0
100	16QAM	1	1	22.87	22.99	22.84	23.8	1.0
100	64QAM	1	1	21.48	21.51	21.47	22.3	2.5
100	256QAM	1	1	19.55	19.59	19.53	20.3	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.87	23.92	23.98	24.8	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.90	23.94	24.00	24.8	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	23.95	23.89	23.96	24.8	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.90	23.89	23.87	24.8	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.95	23.96	23.96	24.8	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.92	23.94	23.90	24.8	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.93	24.01	23.92	24.8	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.90	23.94	23.89	24.8	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	23.98	23.94	23.91	24.8	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.92	23.94	23.88	24.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	20.68	3499.98		21.0	0.0
100	PI2 BPSK	1	137	20.63				
100	PI2 BPSK	1	271	20.63				
100	PI2 BPSK	135	0	20.32			21.0	0.0
100	PI2 BPSK	135	69	20.68			21.0	0.0
100	PI2 BPSK	135	138	20.24			21.0	0.0
100	PI2 BPSK	270	0	20.12				
100	QPSK	1	1	20.71				
100	QPSK	1	137	20.67			21.0	0.0
100	QPSK	1	271	20.68				
100	QPSK	135	0	19.80			21.0	0.0
100	QPSK	135	69	20.63			21.0	0.0
100	QPSK	135	138	19.69				
100	QPSK	270	0	19.72			21.0	0.0
100	16QAM	1	1	20.44			21.0	0.0
100	64QAM	1	1	19.90			17.5	3.5
100	256QAM	1	1	18.95				
Channel								
Frequency (MHz)								
90	QPSK	1	1	20.57	20.69	20.68	21.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	20.67	20.62	20.56	21.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	20.63	20.70	20.59	21.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	20.69	20.61	20.59	21.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	20.69	20.61	20.59	21.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	20.70	20.65	20.58	21.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.64	20.57	20.63	21.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	20.57	20.65	20.64	21.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	20.67	20.59	20.59	21.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	20.58	20.65	20.66	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	20.52	20.58	20.50	21.0	0.0
100	PI2 BPSK	1	137	20.58	20.57	20.49		
100	PI2 BPSK	1	271	20.54	20.61	20.46		
100	PI2 BPSK	135	0	20.21	20.31	20.10	21.0	0.0
100	PI2 BPSK	135	69	20.53	20.61	20.53	21.0	0.0
100	PI2 BPSK	135	138	20.26	20.28	20.25		
100	PI2 BPSK	270	0	20.15	20.06	20.10	21.0	0.0
100	QPSK	1	1	20.61	20.65	20.38		
100	QPSK	1	137	20.54	20.58	20.49	21.0	0.0
100	QPSK	1	271	20.57	20.55	20.49		
100	QPSK	135	0	19.84	19.66	19.70	21.0	0.0
100	QPSK	135	69	20.51	20.58	20.47	21.0	0.0
100	QPSK	135	138	19.75	19.69	19.80		
100	QPSK	270	0	19.59	19.65	19.76	21.0	0.0
100	16QAM	1	1	20.23	20.31	20.24	21.0	0.0
100	64QAM	1	1	18.75	18.74	18.86	19.5	1.5
100	256QAM	1	1	18.78	18.80	18.92	17.5	3.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	20.58	20.58	20.53	21.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	20.51	20.61	20.41	21.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	20.58	20.57	20.47	21.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	20.57	20.56	20.54	21.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	20.48	20.59	20.52	21.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	20.55	20.55	20.48	21.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.48	20.63	20.53	21.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	20.51	20.62	20.41	21.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	20.57	20.59	20.48	21.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	20.53	20.59	20.47	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	21.10	3499.98		22.0	0.0
100	PI2 BPSK	1	137	20.98				
100	PI2 BPSK	1	271	21.02				
100	PI2 BPSK	135	0	20.40			22.0	0.0
100	PI2 BPSK	135	69	20.92			22.0	0.0
100	PI2 BPSK	135	138	20.38			22.0	0.0
100	PI2 BPSK	270	0	20.26				
100	QPSK	1	1	21.55				
100	QPSK	1	137	21.34			22.0	0.0
100	QPSK	1	271	21.50				
100	QPSK	135	0	19.85			21.5	0.5
100	QPSK	135	69	21.38			22.0	0.0
100	QPSK	135	138	19.78			21.5	0.5
100	QPSK	270	0	19.88				
100	16QAM	1	1	20.46			21.5	0.5
100	64QAM	1	1	19.00			20.0	2.0
100	256QAM	1	1	17.00			18.0	4.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	21.42	21.45	21.54	22.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	21.44	21.48	21.45	22.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	21.51	21.44	21.43	22.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	21.48	21.49	21.42	22.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	21.47	21.53	21.42	22.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	21.53	21.40	21.42	22.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	21.54	21.54	21.48	22.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	21.51	21.41	21.53	22.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	21.52	21.43	21.49	22.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	21.43	21.46	21.49	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	21.07	21.01	20.99	22.0	0.0
100	PI2 BPSK	1	137	20.88	20.85	20.84		
100	PI2 BPSK	1	271	20.97	20.89	20.98		
100	PI2 BPSK	135	0	20.36	20.37	20.25		
100	PI2 BPSK	135	69	20.90	20.82	20.77	22.0	0.5
100	PI2 BPSK	135	138	20.33	20.33	20.37	21.5	0.5
100	PI2 BPSK	270	0	20.17	20.21	20.20	22.0	0.0
100	QPSK	1	1	21.40	21.50	21.41		
100	QPSK	1	137	21.27	21.32	21.25		
100	QPSK	1	271	21.39	21.39	21.37		
100	QPSK	135	0	19.73	19.81	19.71	21.0	1.0
100	QPSK	135	69	19.78	19.73	19.71	22.0	0.0
100	QPSK	135	138	19.77	19.73	19.75	21.0	1.0
100	QPSK	270	0	19.73	19.91	19.84	21.0	1.0
100	16QAM	1	1	20.38	20.42	20.33		
100	64QAM	1	1	18.89	18.85	18.98		
100	256QAM	1	1	16.89	16.96	16.97		
Channel								
Frequency (MHz)								
90	QPSK	1	1	21.35	21.38	21.35	22.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	21.40	21.44	21.32	22.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	21.33	21.45	21.35	22.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	21.43	21.41	21.39	22.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	21.39	21.46	21.28	22.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	21.36	21.39	21.35	22.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	21.39	21.39	21.35	22.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	21.37	21.44	21.31	22.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	21.30	21.43	21.39	22.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	21.34	21.37	21.34	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1	19.77	633332	633332	20.2	0.0		
100	PI2 BPSK	1	137	19.64	633332	633332				
100	PI2 BPSK	1	271	19.30	633332	633332				
100	PI2 BPSK	135	0	19.44	633332	633332				
100	PI2 BPSK	135	69	19.77	633332	633332	20.2	0.0		
100	PI2 BPSK	135	138	19.28	633332	633332	20.2	0.0		
100	PI2 BPSK	270	0	19.49	633332	633332	20.2	0.0		
100	QPSK	1	1	19.80	633332	633332				
100	QPSK	1	137	19.76	633332	633332				
100	QPSK	1	271	19.73	633332	633332				
100	QPSK	135	0	19.30	633332	633332	20.2	0.0		
100	QPSK	135	69	19.73	633332	633332	20.2	0.0		
100	QPSK	135	138	19.83	633332	633332	20.2	0.0		
100	QPSK	270	0	19.00	633332	633332	20.2	0.0		
100	16QAM	1	1	19.64	633332	633332				
100	64QAM	1	1	18.14	633332	633332				
100	256QAM	1	1	16.27	633332	633332				
Channel										
Frequency (MHz)										
90	QPSK	1	1	19.75	633332	633368	Tune-up limit (dBm)	3.6		
Channel										
Frequency (MHz)										
80	QPSK	1	1	19.78	633332	634000	Tune-up limit (dBm)	MPR		
Channel										
Frequency (MHz)										
70	QPSK	1	1	19.67	3459.98	3514.98	Tune-up limit (dBm)	MPR		
Channel										
Frequency (MHz)										
60	QPSK	1	1	19.75	3459.98	3515.98	Tune-up limit (dBm)	MPR		
Channel										
Frequency (MHz)										
50	QPSK	1	1	19.76	3459.98	3520.98	Tune-up limit (dBm)	MPR		
Channel										
Frequency (MHz)										
40	QPSK	1	1	19.78	3459.98	3529.98	Tune-up limit (dBm)	MPR		
Channel										
Frequency (MHz)										
30	QPSK	1	1	19.67	3459.98	3535.98	Tune-up limit (dBm)	MPR		
Channel										
Frequency (MHz)										
20	QPSK	1	1	19.77	3459.98	3542.98	Tune-up limit (dBm)	MPR		
Channel										
Frequency (MHz)										
15	QPSK	1	1	19.74	3459.98	3548.98	Tune-up limit (dBm)	MPR		
Channel										
Frequency (MHz)										
10	QPSK	1	1	19.77	3459.98	3544.98	Tune-up limit (dBm)	MPR		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	19.80	19.87	19.96	20.2	0.0
100	PI2 BPSK	1	137	19.78	19.92	19.85		
100	PI2 BPSK	1	271	19.88	19.91	19.92		
100	PI2 BPSK	135	0	19.67	19.62	19.71		
100	PI2 BPSK	135	69	19.76	19.89	19.95	20.2	0.0
100	PI2 BPSK	135	138	19.46	19.49	19.48	20.2	0.0
100	PI2 BPSK	270	0	19.64	19.63	19.64		
100	QPSK	1	1	19.81	19.88	19.88		
100	QPSK	1	137	19.86	19.94	19.82		
100	QPSK	1	271	19.78	19.90	19.83	20.2	0.0
100	QPSK	135	0	18.93	19.04	19.12	20.2	0.0
100	QPSK	135	69	19.91	19.91	19.90	20.2	0.0
100	QPSK	135	138	19.03	19.88	19.99	20.2	0.0
100	QPSK	270	0	19.10	19.19	19.11		
100	16QAM	1	1	19.49	19.53	19.51		
100	64QAM	1	1	18.01	18.13	18.03		
100	256QAM	1	1	15.99	16.13	16.17	18.7	3.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	19.90	19.89	19.79	20.2	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	19.82	19.92	19.78	20.2	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	19.86	19.91	19.86	20.2	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	19.78	19.93	19.80	20.2	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	19.79	19.95	19.86	20.2	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	19.78	19.83	19.74	20.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	19.79	19.89	19.79	20.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	19.89	19.88	19.82	20.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	19.82	19.93	19.85	20.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	19.89	19.91	19.87	20.2	0.0

Part27Q_n77_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3498.98					
100	PI2 BPSK	1	1	20.17			21.2	0.0	
100	PI2 BPSK	1	137	19.86					
100	PI2 BPSK	1	271	19.31					
100	PI2 BPSK	135	0	19.45			20.7	0.5	
100	PI2 BPSK	135	69	19.92			21.2	0.0	
100	PI2 BPSK	135	138	19.33			20.7	0.5	
100	PI2 BPSK	270	0	19.56					
100	QPSK	1	1	20.04			21.2	0.0	
100	QPSK	1	137	20.05					
100	QPSK	1	271	19.95					
100	QPSK	135	0	19.40			20.2	1.0	
100	QPSK	135	69	20.00			21.2	0.0	
100	QPSK	135	138	18.88			20.2	1.0	
100	QPSK	270	0	19.02					
100	16QAM	1	1	19.65			20.2	1.0	
100	64QAM	1	1	18.20			18.7	2.5	
100	256QAM	1	1	16.31			16.7	4.5	
Channel									
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
				3495	3498.98	3504.99			
90	QPSK	1	1	20.49	20.83	20.59	21.2	0.0	
Channel									
Frequency (MHz)				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
				3490.02	3498.98	3510			
80	QPSK	1	1	20.55	20.51	20.61	21.2	0.0	
Channel									
Frequency (MHz)				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
				3493.01	3498.98	3514.98			
70	QPSK	1	1	20.55	20.50	20.50	21.2	0.0	
Channel									
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
				3480	3498.98	3519.99			
60	QPSK	1	1	20.59	20.53	20.53	21.2	0.0	
Channel									
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
				3475.02	3498.98	3525			
50	QPSK	1	1	20.54	20.83	20.59	21.2	0.0	
Channel									
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
				3470.01	3498.98	3529.98			
40	QPSK	1	1	20.55	20.59	20.58	21.2	0.0	
Channel									
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
				3465	3498.98	3534.99			
30	QPSK	1	1	20.49	20.83	20.56	21.2	0.0	
Channel									
Frequency (MHz)				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
				3460.02	3498.98	3540			
20	QPSK	1	1	20.49	20.59	20.52	21.2	0.0	
Channel									
Frequency (MHz)				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)	
				3457.5	3498.98	3552.49			
15	QPSK	1	1	20.55	20.60	20.51	21.2	0.0	
Channel									
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
				3455.01	3498.98	3544.98			
10	QPSK	1	1	20.58	20.58	20.55	21.2	0.0	

Part27O_n77_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3830			
100	PI2 BPSK	1	1	20.23	20.34	20.24			
100	PI2 BPSK	1	137	20.01	20.13	19.98	21.2	0.0	
100	PI2 BPSK	1	271	20.27	20.31	20.20			
100	PI2 BPSK	135	0	19.72	19.74	19.73	20.7	0.5	
100	PI2 BPSK	135	69	20.17	20.22	20.15	21.2	0.0	
100	PI2 BPSK	135	138	19.48	19.63	19.57	20.7	0.5	
100	PI2 BPSK	270	0	19.86	19.67	19.56			
100	QPSK	1	1	20.69	20.62	20.77			
100	QPSK	1	137	20.54	20.61	20.58	21.2	0.0	
100	QPSK	1	271	20.66	20.68	20.66			
100	QPSK	135	0	19.08	19.19	19.18	20.2	1.0	
100	QPSK	135	69	20.57	20.62	20.53	21.2	0.0	
100	QPSK	135	138	19.07	19.12	19.10	20.2	1.0	
100	QPSK	270	0	19.14	19.23	19.12			
100	16QAM	1	1	19.59	19.68	19.55	20.2	1.0	
100	64QAM	1	1	18.07	18.18	18.11	18.7	2.5	
100	256QAM	1	1	16.14	16.21	16.20	16.7	4.5	
Channel									
Frequency (MHz)				648668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
				3745.02	3840	3934.98			
90	QPSK	1	1	20.54	20.68	20.85	21.2	0.0	
Channel									
Frequency (MHz)				648334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
				3740.01	3840	3939.99			
80	QPSK	1	1	20.57	20.69	20.73	21.2	0.0	
Channel									
Frequency (MHz)				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
				3735	3840	3945			
70	QPSK	1	1	20.54	20.75	20.71	21.2	0.0	
Channel									
Frequency (MHz)				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
				3730.02	3840	3949.98			
60	QPSK	1	1	20.58	20.80	20.73	21.2	0.0	
Channel									
Frequency (MHz)				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
				3725.01	3840	3954.99			
50	QPSK	1	1	20.57	20.76	20.73	21.2	0.0	
Channel									
Frequency (MHz)				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
				3720	3840	3960			
40	QPSK	1	1	20.61	20.69	20.66	21.2	0.0	
Channel									
Frequency (MHz)				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
				3715.02	3840	3964.98			
30	QPSK	1	1	20.64	20.72	20.62	21.2	0.0	
Channel									
Frequency (MHz)				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
				3710.01	3840	3969.99			
20	QPSK	1	1	20.57	20.70	20.74	21.2	0.0	
Channel									
Frequency (MHz)				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)	
				3707.52	3840	3972.48			
15	QPSK	1	1	20.67	20.74	20.74	21.2	0.0	
Channel									
Frequency (MHz)				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
				3705	3840	3975			
10	QPSK	1	1	20.55	20.72	20.84	21.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3499.98					
100	PI2 BPSK	1	1	24.48					
100	PI2 BPSK	1	137	24.50			25.2	0.0	
100	PI2 BPSK	1	271	24.51					
100	PI2 BPSK	135	0	24.50			25.2	0.0	
100	PI2 BPSK	135	69	24.55			25.2	0.0	
100	PI2 BPSK	135	138	24.49			25.2	0.0	
100	PI2 BPSK	270	0	24.54					
100	QPSK	1	1	24.50					
100	QPSK	1	137	24.51			25.2	0.0	
100	QPSK	1	271	24.50					
100	QPSK	135	0	24.42			25.2	0.0	
100	QPSK	135	69	24.49			25.2	0.0	
100	QPSK	135	138	24.48			25.2	0.0	
100	QPSK	270	0	24.45					
100	16QAM	1	1	24.49			25.2	0.0	
100	64QAM	1	1	24.18			24.7	0.5	
100	256QAM	1	1	22.18			22.7	2.5	
Channel				633000	633332	633666	Tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.98			
90	QPSK	1	1	24.48	24.53	24.53	25.2	0.0	
Channel									
Frequency (MHz)				3496.02	3499.98	3510	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	24.47	24.47	24.48	25.2	0.0	
Channel				3523.13	3533.13	3543.13	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495.01	3499.98	3514.98			
70	QPSK	1	1	24.55	24.43	24.43	25.2	0.0	
Channel									
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3510.98			
60	QPSK	1	1	24.52	24.52	24.55	25.2	0.0	
Channel									
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	24.42	24.43	24.53	25.2	0.0	
Channel				3517.13	3533.13	3549.13	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3520.98			
40	QPSK	1	1	24.53	24.46	24.54	25.2	0.0	
Channel									
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3510.98			
30	QPSK	1	1	24.41	24.42	24.46	25.2	0.0	
Channel									
Frequency (MHz)				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	24.42	24.46	24.47	25.2	0.0	
Channel									
Frequency (MHz)				630900	633332	636166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	24.55	24.55	24.52	25.2	0.0	
Channel									
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3453.01	3499.98	3543.98			
10	QPSK	1	1	24.42	24.51	24.54	25.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	PI2 BPSK	1	1	24.37			25.2	0.0
100	PI2 BPSK	1	137	24.42				
100	PI2 BPSK	1	271	24.36				
100	PI2 BPSK	135	0	24.41			25.2	0.0
100	PI2 BPSK	135	69	24.45			25.2	0.0
100	PI2 BPSK	135	138	24.40			25.2	0.0
100	PI2 BPSK	270	0	24.40				
100	QPSK	1	1	24.51				
100	QPSK	1	137	24.49			25.2	0.0
100	QPSK	1	271	24.46				
100	QPSK	135	0	24.44				
100	QPSK	135	69	24.46			25.2	0.0
100	QPSK	135	138	24.40			25.2	0.0
100	QPSK	270	0	24.40				
100	16QAM	1	1	24.49				
100	64QAM	1	1	24.13			24.7	0.5
100	256QAM	1	1	22.12			22.7	2.5
Channel								
Frequency (MHz)								
64968 65000 65032								
3745.02 3750 3754.98								
90	QPSK	1	1	24.43	24.49	24.36	25.2	0.0
Channel								
Frequency (MHz)								
649334 650000 650666								
3740.01 3750 3759.99								
80	QPSK	1	1	24.45	24.49	24.43	25.2	0.0
Channel								
Frequency (MHz)								
649000 650000 651000								
3735 3750 3765								
70	QPSK	1	1	24.36	24.39	24.42	25.2	0.0
Channel								
Frequency (MHz)								
648668 650000 651332								
3730.02 3750 3769.98								
60	QPSK	1	1	24.46	24.39	24.48	25.2	0.0
Channel								
Frequency (MHz)								
648334 650000 651666								
3725.01 3750 3774.99								
50	QPSK	1	1	24.49	24.47	24.37	25.2	0.0
Channel								
Frequency (MHz)								
648000 650000 652000								
3720 3750 3780								
40	QPSK	1	1	24.36	24.41	24.39	25.2	0.0
Channel								
Frequency (MHz)								
647668 650000 652332								
3715.02 3750 3784.98								
30	QPSK	1	1	24.49	24.38	24.37	25.2	0.0
Channel								
Frequency (MHz)								
647334 650000 652666								
3710.01 3750 3789.99								
20	QPSK	1	1	24.39	24.46	24.47	25.2	0.0
Channel								
Frequency (MHz)								
647168 650000 652832								
3707.52 3750 3792.48								
15	QPSK	1	1	24.40	24.46	24.42	25.2	0.0
Channel								
Frequency (MHz)								
647000 650000 653000								
3705 3750 3795								
10	QPSK	1	1	24.46	24.39	24.44	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3499.98								
100	PI2 BPSK	1	1	26.32			27.7	0.0
100	PI2 BPSK	1	137	26.26				
100	PI2 BPSK	1	271	26.25				
100	PI2 BPSK	135	0	25.69			27.2	0.5
100	PI2 BPSK	135	69	26.18			27.7	0.0
100	PI2 BPSK	135	138	25.61			27.2	0.5
100	PI2 BPSK	270	0	25.58				
100	QPSK	1	1	25.40				
100	QPSK	1	137	26.11			27.7	0.0
100	QPSK	1	271	26.23				
100	QPSK	135	0	25.12				
100	QPSK	135	69	26.02			27.7	0.0
100	QPSK	135	138	25.03			26.7	1.0
100	QPSK	270	0	25.04				
100	16QAM	1	1	25.70				
100	64QAM	1	1	24.30			25.2	2.5
100	256QAM	1	1	22.20			23.2	4.5
Channel								
Frequency (MHz)								
633000 633332 633666								
3495 3499.98 3504.99								
90	QPSK	1	1	26.38	26.38	26.31	27.7	0.0
Channel								
Frequency (MHz)								
632668 633332 634000								
3490.02 3499.98 3510								
80	QPSK	1	1	26.36	26.35	26.32	27.7	0.0
Channel								
Frequency (MHz)								
632334 633332 634332								
3485.01 3499.98 3514.98								
70	QPSK	1	1	26.34	26.31	26.38	27.7	0.0
Channel								
Frequency (MHz)								
632000 633332 634998								
3480 3499.98 3519.98								
60	QPSK	1	1	26.29	26.31	26.25	27.7	0.0
Channel								
Frequency (MHz)								
631668 633332 635000								
3475.02 3499.98 3525								
50	QPSK	1	1	26.39	26.39	26.25	27.7	0.0
Channel								
Frequency (MHz)								
631334 633332 635332								
3470.01 3499.98 3529.98								
40	QPSK	1	1	26.31	26.33	26.37	27.7	0.0
Channel								
Frequency (MHz)								
631000 633332 635998								
3465 3499.98 3534.98								
30	QPSK	1	1	26.31	26.31	26.36	27.7	0.0
Channel								
Frequency (MHz)								
630668 633332 636000								
3460.02 3499.98 3540								
20	QPSK	1	1	26.37	26.39	26.33	27.7	0.0
Channel								
Frequency (MHz)								
630500 633332 636168								
3457.5 3499.98 3542.48								
15	QPSK	1	1	26.31	26.35	26.34	27.7	0.0
Channel								
Frequency (MHz)								
630334 633332 636332								
3455.01 3499.98 3544.98								
10	QPSK	1	1	26.36	26.34	26.28	27.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				63330	3499.98			
100	PI2 BPSK	1	1	22.91			24.0	0.0
100	PI2 BPSK	1	137	22.83			24.0	
100	PI2 BPSK	1	271	22.82			24.0	
100	PI2 BPSK	135	0	22.84			24.0	
100	PI2 BPSK	135	69	22.98			24.0	
100	PI2 BPSK	135	138	22.87			24.0	0.0
100	PI2 BPSK	270	0	22.84			24.0	
100	QPSK	1	1	23.00				
100	QPSK	1	137	22.80			24.0	0.0
100	QPSK	1	271	22.82			24.0	
100	QPSK	135	0	22.93			24.0	
100	QPSK	135	69	22.98			24.0	0.0
100	QPSK	135	138	22.96			24.0	0.0
100	QPSK	270	0	22.89			24.0	0.0
100	16QAM	1	1	22.91			24.0	0.0
100	64QAM	1	1	22.82			24.0	2.0
100	256QAM	1	1	20.95			22.0	2.0
Channel								
Frequency (MHz)				63300	63332	63366	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	22.96	22.88	22.98	24.0	0.0
Channel								
Frequency (MHz)				3490.02	3499.98	3510.00	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	22.87	22.87	22.86	24.0	0.0
Channel								
Frequency (MHz)				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	22.94	22.93	22.96	24.0	0.0
Channel								
Frequency (MHz)				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	22.93	22.94	22.87	24.0	0.0
Channel								
Frequency (MHz)				631698	633332	635000	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	22.86	22.88	3125	24.0	0.0
Channel								
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	22.92	22.98	3529.98	24.0	0.0
Channel								
Frequency (MHz)				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.97	22.90	3538.98	24.0	0.0
Channel								
Frequency (MHz)				630698	633332	636000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.90	22.98	3540.00	24.0	0.0
Channel								
Frequency (MHz)				630500	633332	3542.98	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.95	22.90	3542.98	24.0	0.0
Channel								
Frequency (MHz)				3455.01	3459.98	3468.98	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.94	22.87	3544.98	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				65000	65000			
100	PI2 BPSK	1	1	22.81				
100	PI2 BPSK	1	137	22.85			24.0	0.0
100	PI2 BPSK	1	271	22.78				
100	PI2 BPSK	135	0	22.76			24.0	0.0
100	PI2 BPSK	135	69	22.93			24.0	0.0
100	PI2 BPSK	135	138	22.85				
100	PI2 BPSK	270	0	22.80			24.0	0.0
100	QPSK	1	1	22.88				
100	QPSK	1	137	22.84			24.0	0.0
100	QPSK	1	271	22.82				
100	QPSK	135	0	22.79			24.0	0.0
100	QPSK	135	69	22.93			24.0	0.0
100	QPSK	135	138	22.82			24.0	0.0
100	QPSK	270	0	22.79			24.0	0.0
100	16QAM	1	1	22.78			24.0	0.0
100	64QAM	1	1	22.87			24.0	2.0
100	256QAM	1	1	20.87			22.0	2.0
Channel								
Frequency (MHz)				64868	65000	65032	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	22.97	22.95	22.92	24.0	0.0
Channel								
Frequency (MHz)				64934	65000	65066	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	22.91	22.93	22.90	24.0	0.0
Channel								
Frequency (MHz)				64900	65000	65100	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	22.91	22.97	22.87	24.0	0.0
Channel								
Frequency (MHz)				64868	65000	65132	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	22.86	22.89	22.92	24.0	0.0
Channel								
Frequency (MHz)				64834	65000	65166	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	22.88	22.98	22.94	24.0	0.0
Channel								
Frequency (MHz)				64800	65000	65200	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	22.97	22.95	22.98	24.0	0.0
Channel								
Frequency (MHz)				64768	65000	65232	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.88	22.90	22.95	24.0	0.0
Channel								
Frequency (MHz)				64734	65000	65266	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.94	22.90	22.91	24.0	0.0
Channel								
Frequency (MHz)				647168	65000	652832	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.84	22.91	22.91	24.0	0.0
Channel								
Frequency (MHz)				64700	65000	65300	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.97	22.92	22.94	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3499.98	633332			
100	PI2 BPSK	1	1	25.23				
100	PI2 BPSK	1	137	24.93			26.5	0.0
100	PI2 BPSK	1	271	24.94				
100	PI2 BPSK	135	0	24.47			26.0	0.5
100	PI2 BPSK	135	69	24.82			26.5	0.0
100	PI2 BPSK	135	138	24.23				
100	PI2 BPSK	270	0	24.29			26.0	0.5
100	QPSK	1	1	25.27				
100	QPSK	1	137	24.88			26.5	0.0
100	QPSK	1	271	24.96				
100	QPSK	135	0	23.85			25.5	1.0
100	QPSK	135	69	24.86			26.5	0.0
100	QPSK	135	138	23.71			25.5	1.0
100	QPSK	270	0	23.88				
100	16QAM	1	1	24.54			25.5	1.0
100	64QAM	1	1	23.04			24.0	2.5
100	256QAM	1	1	21.08			22.0	4.5
Channel								
Frequency (MHz)				63300	63332	63366	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	25.18	25.13	25.20	26.5	0.0
Channel								
Frequency (MHz)				63268	63332	63400	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	25.15	25.21	25.15	26.5	0.0
Channel								
Frequency (MHz)				63234	63332	63432	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	25.17	25.20	25.24	26.5	0.0
Channel								
Frequency (MHz)				63200	63332	63466	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	25.12	25.14	25.20	26.5	0.0
Channel								
Frequency (MHz)				63168	63332	63500	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	25.19	25.22	25.15	26.5	0.0
Channel								
Frequency (MHz)				63134	63332	63532	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	25.22	25.20	25.22	26.5	0.0
Channel								
Frequency (MHz)				63100	63332	63566	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	25.25	25.24	25.21	26.5	0.0
Channel								
Frequency (MHz)				63068	63332	63600	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	25.12	25.13	25.20	26.5	0.0
Channel								
Frequency (MHz)				63030	63332	63616	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	25.12	25.21	25.24	26.5	0.0
Channel								
Frequency (MHz)				63034	63332	63632	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	25.18	25.14	25.18	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1	25.12			26.5	0.0		
100	PI2 BPSK	1	137	24.87						
100	PI2 BPSK	1	271	24.89						
100	PI2 BPSK	135	0	24.41					0.5	
100	PI2 BPSK	135	69	24.79			26.5	0.0		
100	PI2 BPSK	135	138	24.11			26.0	0.5		
100	PI2 BPSK	270	0	24.23						
100	QPSK	1	1	25.20			26.5	0.0		
100	QPSK	1	137	24.88						
100	QPSK	1	271	24.84						
100	QPSK	135	0	23.81					1.0	
100	QPSK	135	69	24.72			26.5	0.0		
100	QPSK	135	138	23.62			25.5	1.0		
100	QPSK	270	0	23.59						
100	16QAM	1	1	24.50			25.5	1.0		
100	64QAM	1	1	22.51			24.0	2.5		
100	256QAM	1	1	20.99			22.0	4.5		
Channel				849586	850000	850332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3745.02	3750	3754.98				
90	QPSK	1	1	25.16	25.12	25.11	26.5	0.0		
Channel				846334	850000	850686	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3750	3759.99				
80	QPSK	1	1	25.13	25.19	25.08	26.5	0.0		
Channel				849000	850000	851000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3735	3750	3765				
70	QPSK	1	1	25.09	25.09	25.05	26.5	0.0		
Channel				849586	850000	851332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3730.02	3750	3769.98				
60	QPSK	1	1	25.13	25.09	25.08	26.5	0.0		
Channel				846334	850000	851666	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3750	3774.99				
50	QPSK	1	1	25.12	25.18	25.09	26.5	0.0		
Channel				849000	850000	852000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3750	3780				
40	QPSK	1	1	25.15	25.17	25.17	26.5	0.0		
Channel				847038	850000	852532	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3750	3784.98				
30	QPSK	1	1	25.06	25.10	25.16	26.5	0.0		
Channel				847334	850000	852686	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3750	3785.99				
20	QPSK	1	1	25.19	25.13	25.06	26.5	0.0		
Channel				847168	850000	852332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3750	3792.48				
15	QPSK	1	1	25.10	25.12	25.18	26.5	0.0		
Channel				847000	850000	853300	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3750	3795				
10	QPSK	1	1	25.19	25.07	25.13	26.5	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	20.18					
100	PI2 BPSK	1	137	20.29			21.2		0.0
100	PI2 BPSK	1	271	20.18					
100	PI2 BPSK	135	0	20.19			21.2		0.0
100	PI2 BPSK	135	69	20.19			21.2		0.0
100	PI2 BPSK	135	138	20.29			21.2		0.0
100	PI2 BPSK	270	0	20.31					
100	QPSK	1	1	20.35					
100	QPSK	1	137	20.25			21.2		0.0
100	QPSK	1	271	20.30					
100	QPSK	135	0	20.24			21.2		0.0
100	QPSK	135	69	20.31			21.2		0.0
100	QPSK	135	138	20.21					
100	QPSK	270	0	20.30			21.2		0.0
100	16QAM	1	1	20.27			21.2		0.0
100	64QAM	1	1	20.24			21.2		0.0
100	256QAM	1	1	18.39			19.2		2.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.29	20.26	20.32	21.2		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.26	20.30	20.26	21.2		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.30	20.30	20.25	21.2		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.30	20.20	20.26	21.2		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.22	20.27	20.32	21.2		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.25	20.33	20.21	21.2		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.26	20.20	20.26	21.2		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.32	20.30	20.26	21.2		0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.33	20.25	20.34	21.2		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.24	20.28	20.20	21.2		0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	20.12			21.2	0.0	
100	PI2 BPSK	1	137	20.18					
100	PI2 BPSK	1	271	20.09					
100	PI2 BPSK	135	0	20.11			21.2	0.0	
100	PI2 BPSK	135	69	20.07			21.2	0.0	
100	PI2 BPSK	135	138	20.22			21.2	0.0	
100	PI2 BPSK	270	0	20.28					
100	QPSK	1	1	20.31					
100	QPSK	1	137	20.20			21.2	0.0	
100	QPSK	1	271	20.18					
100	QPSK	135	0	20.19			21.2	0.0	
100	QPSK	135	69	20.26			21.2	0.0	
100	QPSK	135	138	20.07					
100	QPSK	270	0	20.17			21.2	0.0	
100	16QAM	1	1	20.20			21.2	0.0	
100	64QAM	1	1	20.12			21.2	0.0	
100	256QAM	1	1	18.28			19.2	2.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.17	20.20	20.30	21.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.24	20.19	20.24	21.2	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.19	20.17	20.30	21.2	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.25	20.17	20.23	21.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.25	20.18	20.20	21.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.21	20.19	20.25	21.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.30	20.29	20.23	21.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.23	20.19	20.30	21.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.29	20.20	20.29	21.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.25	20.23	20.21	21.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	22.52			23.7	0.0
100	PI2 BPSK	1	137	22.26				
100	PI2 BPSK	1	271	22.42				
100	PI2 BPSK	135	0	21.76			23.2	0.5
100	PI2 BPSK	135	69	22.21			23.7	0.0
100	PI2 BPSK	135	138	21.65			23.2	0.5
100	PI2 BPSK	270	0	21.73			23.7	0.0
100	QPSK	1	1	22.53				
100	QPSK	1	137	22.12				
100	QPSK	1	271	22.35			22.7	1.0
100	QPSK	135	0	21.20				
100	QPSK	135	69	22.14				
100	QPSK	135	138	21.15			22.7	1.0
100	QPSK	270	0	21.14			22.7	1.0
100	16QAM	1	1	21.83			22.2	2.5
100	64QAM	1	1	20.35			21.2	4.5
100	256QAM	1	1	18.40			19.2	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.49	22.53	22.53	23.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.62	22.56	22.48	23.7	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.62	22.59	22.61	23.7	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.48	22.60	22.55	23.7	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.61	22.52	22.49	23.7	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.55	22.56	22.54	23.7	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.51	22.51	22.53	23.7	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.59	22.51	22.62	23.7	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.57	22.52	22.57	23.7	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.60	22.51	22.56	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	22.43			23.7	0.0
100	PI2 BPSK	1	137	22.12				
100	PI2 BPSK	1	271	22.30				
100	PI2 BPSK	135	0	21.74			23.2	0.5
100	PI2 BPSK	135	69	22.18			23.7	0.0
100	PI2 BPSK	135	138	21.52			23.2	0.5
100	PI2 BPSK	270	0	21.65			23.7	0.0
100	QPSK	1	1	22.62				
100	QPSK	1	137	22.05				
100	QPSK	1	271	22.22			22.7	1.0
100	QPSK	135	0	21.14				
100	QPSK	135	69	22.07				
100	QPSK	135	138	21.12			22.7	1.0
100	QPSK	270	0	21.08			22.7	1.0
100	16QAM	1	1	21.74			22.2	2.5
100	64QAM	1	1	20.21			21.2	4.5
100	256QAM	1	1	18.27			19.2	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.48	22.52	22.56	23.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.50	22.48	22.57	23.7	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.55	22.59	22.61	23.7	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.55	22.53	22.47	23.7	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.61	22.58	22.50	23.7	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.61	22.55	22.51	23.7	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.49	22.51	22.61	23.7	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.54	22.56	22.58	23.7	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.57	22.49	22.61	23.7	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.59	22.52	22.60	23.7	0.0

Part27Q_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	19.36			20.5	0.0
100	PI2 BPSK	1	137	19.37				
100	PI2 BPSK	1	271	19.37				
100	PI2 BPSK	135	0	19.31			20.5	0.0
100	PI2 BPSK	135	69	19.39			20.5	0.0
100	PI2 BPSK	135	138	19.38			20.5	0.0
100	PI2 BPSK	270	0	19.39			20.5	0.0
100	QPSK	1	1	19.42				
100	QPSK	1	137	19.37				
100	QPSK	1	271	19.39			20.5	0.0
100	QPSK	135	0	19.37				
100	QPSK	135	69	19.38				
100	QPSK	135	138	19.29			20.5	0.0
100	QPSK	270	0	19.33			20.5	0.0
100	16QAM	1	1	19.41			20.5	0.0
100	64QAM	1	1	19.36			20.5	0.0
100	256QAM	1	1	17.70			18.5	2.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	19.31	19.32	19.41	20.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	19.40	19.37	19.37	20.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	19.35	19.29	19.29	20.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	19.35	19.31	19.31	20.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	19.33	19.34	19.37	20.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	19.39	19.41	19.37	20.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	19.37	19.35	19.30	20.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	19.31	19.41	19.37	20.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	19.34	19.40	19.36	20.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	19.29	19.29	19.41	20.5	0.0

n2_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 372000	Power High Ch. / Freq. 376000	Power High Ch. / Freq. 380000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	20.84	20.99	20.97	22.2	0.0	
20	PI2 BPSK	1	53	20.87	20.95	20.93			
20	PI2 BPSK	1	104	20.82	20.98	20.88			
20	PI2 BPSK	50	0	20.85	21.00	20.84			
20	PI2 BPSK	50	28	20.87	20.99	20.88	22.2	0.0	
20	PI2 BPSK	50	56	20.92	21.06	20.88	22.2	0.0	
20	PI2 BPSK	100	0	20.92	21.05	20.91			
20	QPSK	1	1	20.96	21.07	20.98			
20	QPSK	1	53	20.92	20.97	20.97			
20	QPSK	1	104	20.84	20.98	20.88	22.2	0.0	
20	QPSK	50	0	20.85	20.97	20.85	22.2	0.0	
20	QPSK	50	28	20.89	21.00	20.95	22.2	0.0	
20	QPSK	50	56	20.78	20.88	20.91	22.2	0.0	
20	QPSK	100	0	20.86	20.92	20.90	22.2	0.0	
20	16QAM	1	1	20.91	21.03	20.96	22.2	0.0	
20	64QAM	1	1	20.83	20.95	20.85	22.2	0.0	
20	256QAM	1	1	18.84	18.96	18.89	20.2	2.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.71590	187600	380500	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.89	20.92	20.83	22.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.87	20.96	20.96	22.2	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	18.82.5	1880	1907.5	22.2	0.0	
5	QPSK	1	1	20.89	21.06	20.85	22.2	0.0	

Reduced Power Mode for DSI 4									
n2_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 372000	Power Mid-H Ch. / Freq. 376000	Power High Ch. / Freq. 380000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	20.02	20.06	19.92	21.2	0.0	
20	PI2 BPSK	1	53	19.97	19.99	19.79			
20	PI2 BPSK	1	104	19.94	19.94	19.84			
20	PI2 BPSK	50	0	20.02	20.06	19.87			
20	PI2 BPSK	50	28	19.97	20.04	19.83	21.2	0.0	
20	PI2 BPSK	50	56	20.06	19.95	19.92	21.2	0.0	
20	PI2 BPSK	100	0	19.93	20.03	19.86			
20	QPSK	1	1	20.07	20.08	19.93			
20	QPSK	1	53	20.05	20.04	19.80			
20	QPSK	1	104	19.99	19.93	19.79	21.2	0.0	
20	QPSK	50	0	19.92	20.05	19.74	21.2	0.0	
20	QPSK	50	28	20.04	20.07	19.89	21.2	0.0	
20	QPSK	50	56	19.99	19.98	19.85	21.2	0.0	
20	QPSK	100	0	19.99	20.04	19.85	21.2	0.0	
20	16QAM	1	1	20.01	20.04	19.89	21.2	0.0	
20	64QAM	1	1	19.35	19.45	19.42	20.7	0.5	
20	256QAM	1	1	17.29	17.32	17.23	18.7	2.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.97	20.07	19.79	21.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.02	19.94	19.89	21.2	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	19.97	20.04	19.78	21.2	0.0	

n2_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 372000	Power Mid Ch. / Freq 376000	Power High Ch. / Freq 380000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	22.00	22.02	22.09	23.2	0.0	
20	PI2 BPSK	1	53	22.03	22.10	22.10			
20	PI2 BPSK	1	104	22.03	22.04	21.98			
20	PI2 BPSK	50	0	22.06	21.99	22.10			
20	PI2 BPSK	50	28	22.06	22.01	21.97	23.2	0.0	
20	PI2 BPSK	50	56	22.09	22.08	22.04	23.2	0.0	
20	PI2 BPSK	100	0	21.98	22.07	22.06			
20	QPSK	1	1	22.10	22.14	22.12			
20	QPSK	1	53	22.04	22.02	22.04			
20	QPSK	1	104	22.05	22.10	21.97	23.2	0.0	
20	QPSK	50	0	21.93	22.03	22.06	23.2	0.0	
20	QPSK	50	28	22.07	22.11	22.07			
20	QPSK	50	56	21.97	22.02	21.98			
20	QPSK	100	0	22.02	22.05	22.01			
20	16QAM	1	1	22.05	22.01	22.04	23.2	0.0	
20	64QAM	1	1	21.51	21.53	21.38	22.7	0.5	
20	256QAM	1	1	19.41	19.48	19.37	20.7	2.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.01	22.10	21.98	23.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.00	22.00	22.02	23.2	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.04	22.06	21.98	23.2	0.0	

n2_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq 372000	Power Ch. / Freq 376000	Power Ch. / Freq 380000	Tune-up limit (dBm)	MPR (dB)				
Channel												
20	PI2 BPSK	1	1	18.30	18.48	18.26	19.2	0.0				
20	PI2 BPSK	1	53	18.28	18.38	18.26						
20	PI2 BPSK	1	104	18.34	18.37	18.26						
20	PI2 BPSK	50	0	18.36	18.43	18.33						
20	PI2 BPSK	50	28	18.25	18.47	18.32	19.2	0.0				
20	PI2 BPSK	50	56	18.36	18.44	18.20						
20	PI2 BPSK	100	0	18.28	18.41	18.27						
20	QPSK	1	1	18.30	18.49	18.34						
20	QPSK	1	53	18.28	18.45	18.26	19.2	0.0				
20	QPSK	1	104	18.38	18.40	18.23						
20	QPSK	50	0	18.29	18.30	18.18						
20	QPSK	50	28	18.36	18.42	18.32						
20	QPSK	50	56	18.27	18.31	18.19	19.2	0.0				
20	QPSK	100	0	18.30	18.37	18.26						
20	16QAM	1	1	18.35	18.37	18.32						
20	64QAM	1	1	18.24	18.45	18.23						
20	256QAM	1	1	18.32	18.39	18.19	19.2	0.0				
Channel				371500	376000	380500				Tune-up limit	MPR	
Frequency (MHz)				1857.5	1860	1902.5				(dBm)	(dB)	
15	QPSK	1	1	18.29	18.47	18.28				19.2	0.0	
Channel				371000	376000	381000						
Frequency (MHz)				1855	1860	1905						
10	QPSK	1	1	18.33	18.46	18.28	19.2					
Channel				370500	376000	381500	Tune-up limit	MPR				
Frequency (MHz)				1852.5	1860	1907.5	(dBm)					
5	QPSK	1	1	18.32	18.36	18.21	19.2	0.0				
Channel				370000	376000	382000						
Frequency (MHz)				1850	1860	1910						
Channel				369500	376000	382500	Tune-up limit	MPR				
Frequency (MHz)				1847.5	1860	1912.5	(dBm)					

n5_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)		
Channel				151	150.5	151	25.2	0.0		
Frequency (MHz)				23.68	23.71	23.64				
20	PI2 BPSK	1	1	23.68	23.71	23.64				
20	PI2 BPSK	1	53	23.64	23.67	23.55				
20	PI2 BPSK	1	104	23.58	23.64	23.62	24.7	0.5		
20	PI2 BPSK	50	0	23.06	23.15	23.06				
20	PI2 BPSK	50	28	23.54	23.69	23.57				
20	PI2 BPSK	50	56	23.11	23.13	23.11				
20	PI2 BPSK	100	0	23.07	23.20	23.14	24.7	0.5		
20	QPSK	1	1	23.25	23.37	23.31				
20	QPSK	1	53	23.86	24.10	23.95				
20	QPSK	1	104	23.94	24.08	24.03				
20	QPSK	50	0	23.03	23.18	23.14	24.2	1.0		
20	QPSK	50	28	23.07	23.10	23.09				
20	QPSK	50	56	23.05	23.14	23.09				
20	QPSK	100	0	23.09	23.14	23.06				
20	16QAM	1	1	23.10	23.14	23.01	24.2	1.0		
20	64QAM	1	1	21.57	21.82	21.47				
20	256QAM	1	1	19.46	19.61	19.47				
Channel				166300	167300	168300	Tune-up limit	MPR		
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)		
15	QPSK	1	1	24.13	24.22	24.17	25.2	0.0		
Channel				165800	167300	168800				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	1	24.10	24.24	24.30		25.2		
Channel				165300	167300	169300	Tune-up limit	MPR		
Frequency (MHz)				826.5	836.5	846.5	(dBm)			
5	QPSK	1	1	24.18	24.25	24.26	25.2		0.0	
Channel				164800	167300	169800				
Frequency (MHz)				824	836.5	848.5				
Channel				164300	167300	170300	Tune-up limit	MPR		
Frequency (MHz)				821.5	836.5	853.5	(dBm)			

n5_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	PI2 BPSK	1	1	22.80	22.84	22.81	24.3	0.0				
20	PI2 BPSK	1	53	22.81	22.85	22.82						
20	PI2 BPSK	1	104	22.83	22.71	22.64						
20	PI2 BPSK	50	0	22.29	22.33	22.25						
20	PI2 BPSK	50	28	22.74	22.91	22.78	24.3	0.0				
20	PI2 BPSK	50	56	22.22	22.28	22.27						
20	PI2 BPSK	100	0	22.23	22.25	22.18						
20	QPSK	1	1	23.28	23.34	23.23						
20	QPSK	1	53	23.12	23.21	23.18	24.3	0.0				
20	QPSK	1	104	23.20	23.28	23.21						
20	QPSK	50	0	22.13	22.26	22.18						
20	QPSK	50	28	22.20	23.31	23.20						
20	QPSK	50	56	22.15	22.25	22.22	23.3	1.0				
20	QPSK	100	0	22.14	22.23	22.15						
20	16QAM	1	1	22.25	22.28	22.22						
20	64QAM	1	1	20.70	20.75	20.70						
20	256QAM	1	1	18.84	18.72	18.63	19.8	4.5				
Channel				166300	167300	168300				Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5				(dBm)	(dB)	
15	QPSK	1	1	23.12	23.26	23.16				24.3	0.0	
Channel				165800	167300	168800						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	1	23.18	23.22	23.10	24.3		0.0			
Channel				165300	167300	169300	Tune-up limit	MPR				
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)				
5	QPSK	1	1	23.13	23.29	23.19	24.3		0.0			

n7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2500	2535	51000			
Frequency (MHz)				2500	2535	2550			
40	PI/2 BPSK	1	1	18.59	18.67	18.57	19.7	0.0	
40	PI/2 BPSK	1	108	18.59	18.58	18.64			
40	PI/2 BPSK	1	214	18.48	18.65	18.57			
40	PI/2 BPSK	108	0	18.53	18.64	18.59			
40	PI/2 BPSK	108	54	18.58	18.63	18.65	19.7	0.0	
40	PI/2 BPSK	108	108	18.47	18.71	18.56	19.7	0.0	
40	PI/2 BPSK	216	0	18.60	18.70	18.59	19.7	0.0	
40	QPSK	1	1	18.61	18.73	18.68			
40	QPSK	1	108	18.59	18.58	18.56			
40	QPSK	1	214	18.52	18.72	18.67			
40	QPSK	108	0	18.48	18.65	18.56	19.7	0.0	
40	QPSK	108	54	18.53	18.69	18.62	19.7	0.0	
40	QPSK	108	108	18.45	18.55	18.59	19.7	0.0	
40	QPSK	216	0	18.52	18.67	18.56	19.7	0.0	
40	16QAM	1	1	18.60	18.71	18.61	19.7	0.0	
40	64QAM	1	1	18.48	18.58	18.58	19.7	0.0	
40	256QAM	1	1	18.57	18.63	18.56	19.7	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.48	18.68	18.66	19.7	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.57	18.66	18.58	19.7	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	18.46	18.67	18.61	19.7	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.56	18.67	18.59	19.7	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.54	18.61	18.66	19.7	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.46	18.70	18.54	19.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-Hi Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MFR (dB)	
Channel				2520	2535	2550			
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	18.88	19.08	18.97	19.7	0.0	
40	PI/2 BPSK	1	108	18.91	19.08	19.09			
40	PI/2 BPSK	1	214	18.94	19.07	19.10			
40	PI/2 BPSK	108	0	18.92	19.00	19.10			
40	PI/2 BPSK	108	54	18.94	19.00	19.08	19.7	0.0	
40	PI/2 BPSK	108	108	18.95	19.01	18.97	19.7	0.0	
40	PI/2 BPSK	216	0	18.91	19.03	18.98	19.7	0.0	
40	QPSK	1	1	19.01	19.13	19.11			
40	QPSK	1	108	18.88	19.12	19.04			
40	QPSK	1	214	18.95	19.04	19.01			
40	QPSK	108	0	18.85	19.10	19.03	19.7	0.0	
40	QPSK	108	54	19.00	19.11	19.10	19.7	0.0	
40	QPSK	108	108	18.89	19.02	18.96	19.7	0.0	
40	QPSK	216	0	18.96	19.10	19.04	19.7	0.0	
40	16QAM	1	1	18.88	19.11	18.97	19.7	0.0	
40	64QAM	1	1	18.80	18.95	18.91	19.7	0.0	
40	256QAM	1	1	18.83	18.91	18.80	17.7	2.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.87	19.05	18.97	19.7	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.88	19.08	19.08	19.7	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	18.91	19.05	19.07	19.7	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.91	19.03	19.05	19.7	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.89	18.98	19.05	19.7	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.96	18.99	19.04	19.7	0.0	

n7_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2500	2535	2550			
40	PI/2 BPSK	1	1	18.71	18.92	18.92	19.7	0.0	
40	PI/2 BPSK	1	108	18.72	18.85	18.89			
40	PI/2 BPSK	1	214	18.70	18.84	18.92			
40	PI/2 BPSK	108	0	18.78	18.90	18.82			
40	PI/2 BPSK	108	54	18.76	18.86	18.92	19.7	0.0	
40	PI/2 BPSK	108	108	18.76	18.86	18.91	19.7	0.0	
40	PI/2 BPSK	216	0	18.69	18.87	18.85	19.7	0.0	
40	QPSK	1	1	18.83	18.99	18.96			
40	QPSK	1	108	18.81	18.85	18.81			
40	QPSK	1	214	18.80	18.97	18.94			
40	QPSK	108	0	18.77	18.91	18.83	19.7	0.0	
40	QPSK	108	54	18.82	18.95	18.91	19.7	0.0	
40	QPSK	108	108	18.68	18.88	18.87	19.7	0.0	
40	QPSK	216	0	18.74	18.89	18.84	19.7	0.0	
40	16QAM	1	1	18.75	18.90	18.91	19.7	0.0	
40	64QAM	1	1	18.78	18.87	18.94	19.7	0.0	
40	256QAM	1	1	18.72	18.93	18.93	19.7	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	18.77	18.90	18.94	19.7	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	18.70	18.92	18.93	19.7	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	18.70	18.94	18.90	19.7	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	18.81	18.87	18.83	19.7	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	18.70	18.84	18.84	19.7	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	18.74	18.98	18.95	19.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-H Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000	20.0	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	19.14	19.26	19.30			
40	PI2 BPSK	1	108	19.20	19.32	19.31	20.0	0.0	
40	PI2 BPSK	1	214	19.13	19.29	19.31			
40	PI2 BPSK	108	0	19.24	19.31	19.22			
40	PI2 BPSK	108	54	19.16	19.35	19.31	20.0	0.0	
40	PI2 BPSK	108	108	19.20	19.35	19.30	20.0	0.0	
40	PI2 BPSK	216	0	19.25	19.25	19.21			
40	QPSK	1	1	19.29	19.39	19.36			
40	QPSK	1	108	19.27	19.31	19.27	20.0	0.0	
40	QPSK	1	214	19.13	19.27	19.30	20.0	0.0	
40	QPSK	108	0	19.24	19.26	19.27			
40	QPSK	108	54	19.27	19.36	19.33			
40	QPSK	108	108	19.26	19.28	19.22	20.0	0.0	
40	QPSK	216	0	19.21	19.37	19.27	20.0	0.0	
40	16QAM	1	1	19.16	19.29	19.35	20.0	0.0	
40	64QAM	1	1	19.18	19.28	19.23	20.0	0.0	
40	256QAM	1	1	18.71	18.75	18.72	19.5	0.5	
Channel				502000	507000	511000	20.0	MPR	
Frequency (MHz)				2516	2535	2565			
30	QPSK	1	1	19.16	19.37	19.28			
Channel				502500	507000	511500	20.0	MPR	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	19.26	19.25	19.34	20.0	0.0	
Channel				502000	507000	512000	20.0	MPR	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	19.26	19.24	19.23	20.0	0.0	
Channel				501500	507000	512500	20.0	MPR	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.13	19.24	19.30	20.0	0.0	
Channel				501000	507000	513000	20.0	MPR	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	19.14	19.32	19.26	20.0	0.0	
Channel				500500	507000	513500	20.0	MPR	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.18	19.32	19.29	20.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-H Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700	24.7	0.0	
Frequency (MHz)				701.5	707.5	713.5			
15	PI2 BPSK	1	1	23.99	23.92	23.91			
15	PI2 BPSK	1	40	23.78	23.82	23.88	24.2	0.5	
15	PI2 BPSK	1	77	23.87	23.90	23.77			
15	PI2 BPSK	36	0	23.30	23.36	23.30			
15	PI2 BPSK	36	22	23.85	23.91	23.86	24.7	0.0	
15	PI2 BPSK	36	43	23.21	23.35	23.28	24.2	0.5	
15	PI2 BPSK	75	0	23.23	23.37	23.36			
15	QPSK	1	1	24.06	24.12	23.98			
15	QPSK	1	40	23.58	23.71	23.89	24.7	0.0	
15	QPSK	1	77	23.76	23.88	23.73	23.7	1.0	
15	QPSK	36	0	22.68	22.80	22.89	23.7	1.0	
15	QPSK	36	22	23.76	23.82	23.69	24.7	0.0	
15	QPSK	36	43	22.71	22.84	22.73	23.7	1.0	
15	QPSK	75	0	22.72	22.85	22.76	23.7	1.0	
15	16QAM	1	1	22.83	22.92	22.84	23.7	1.0	
15	64QAM	1	1	21.36	21.44	21.43	22.2	2.5	
15	256QAM	1	1	19.27	19.36	19.34	20.2	4.5	
Channel				140800	141500	142200	24.7	MPR	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.99	23.97	23.89	24.7	0.0	
Channel				140300	141500	142700	24.7	MPR	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	24.01	23.98	23.89	24.7	0.0	

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-H Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700	23.8	0.0	
Frequency (MHz)				701.5	707.5	713.5			
15	PI2 BPSK	1	1	23.04	23.07	23.04			
15	PI2 BPSK	1	40	22.84	22.96	22.92	23.3	0.5	
15	PI2 BPSK	1	77	22.84	23.04	22.91			
15	PI2 BPSK	36	0	22.38	22.52	22.43			
15	PI2 BPSK	36	22	22.95	23.01	22.96	23.8	0.0	
15	PI2 BPSK	36	43	22.31	22.44	22.31	23.3	0.5	
15	PI2 BPSK	75	0	22.33	22.46	22.42			
15	QPSK	1	1	22.95	23.09	23.03			
15	QPSK	1	40	22.82	22.88	22.74	23.8	0.0	
15	QPSK	1	77	22.81	22.94	22.58	22.8	1.0	
15	QPSK	36	0	21.90	22.04	22.01			
15	QPSK	36	22	22.80	22.85	22.63			
15	QPSK	36	43	21.88	21.89	21.85	22.8	1.0	
15	QPSK	75	0	21.51	21.66	21.50	22.8	1.0	
15	16QAM	1	1	21.85	21.94	21.86	22.8	1.0	
15	64QAM	1	1	20.48	20.51	20.38	21.3	2.5	
15	256QAM	1	1	18.35	18.44	18.38	19.3	4.5	
Channel				140800	141500	142200	23.8	MPR	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	22.89	23.00	22.99	23.8	0.0	
Channel				140300	141500	142700	23.8	MPR	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	22.82	22.99	22.97	23.8	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				37.2				
10	PI/2 BPSK	1	1	23.75			25.2	0.0
10	PI/2 BPSK	1	26	23.75				
10	PI/2 BPSK	1	50	23.78				
10	PI/2 BPSK	25	0	23.15			24.7	0.5
10	PI/2 BPSK	25	14	23.70			25.2	0.0
10	PI/2 BPSK	25	27	23.11			24.7	0.5
10	PI/2 BPSK	50	0	23.13				
10	QPSK	1	1	23.98				
10	QPSK	1	26	23.80			25.2	0.0
10	QPSK	1	50	23.89				
10	QPSK	25	0	22.87			24.2	1.0
10	QPSK	25	14	22.62			25.2	0.0
10	QPSK	25	27	22.58			24.2	1.0
10	QPSK	50	0	22.80				
10	16QAM	1	1	22.84			24.2	1.0
10	64QAM	1	1	21.13			22.7	2.5
10	256QAM	1	1	19.02			20.7	4.5
Channel				155900	156400	156900	Tune-up limit	MPR
Frequency (MHz)				772.5	782	794.5	(dBm)	(dB)
5	QPSK	1	1	23.88	23.85	23.97	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				37.2				
10	PI/2 BPSK	1	1	22.77			24.3	0.0
10	PI/2 BPSK	1	26	22.75				
10	PI/2 BPSK	1	50	22.72				
10	PI/2 BPSK	25	0	22.28			23.8	0.5
10	PI/2 BPSK	25	14	22.72			24.3	0.0
10	PI/2 BPSK	25	27	22.22			23.8	0.5
10	PI/2 BPSK	50	0	22.24				
10	QPSK	1	1	22.82				
10	QPSK	1	26	22.77			24.3	0.0
10	QPSK	1	50	22.75				
10	QPSK	25	0	21.74			23.3	1.0
10	QPSK	25	14	22.63			24.3	0.0
10	QPSK	25	27	21.69			23.3	1.0
10	QPSK	50	0	21.79				
10	16QAM	1	1	21.73			23.3	1.0
10	64QAM	1	1	20.22			21.8	2.5
10	256QAM	1	1	18.06			19.8	4.5
Channel				155900	156400	156900	Tune-up limit	MPR
Frequency (MHz)				772.5	782	794.5	(dBm)	(dB)
5	QPSK	1	1	22.68	22.74	22.67	24.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				374000	376500	379000		
40	PI/2 BPSK	1	1	19.91	19.92	19.95	21.2	0.0
40	PI/2 BPSK	1	108	19.94	20.11	19.99		
40	PI/2 BPSK	1	214	19.97	20.12	19.99		
40	PI/2 BPSK	108	0	19.93	20.06	20.02	21.2	0.0
40	PI/2 BPSK	108	54	20.04	20.11	20.01	21.2	0.0
40	PI/2 BPSK	108	108	20.03	20.11	19.94		
40	PI/2 BPSK	216	0	20.05	20.14	20.04	21.2	0.0
40	QPSK	1	1	19.95	20.15	20.10		
40	QPSK	1	108	19.93	20.09	19.94	21.2	0.0
40	QPSK	1	214	19.98	20.10	20.04		
40	QPSK	108	0	19.92	20.08	20.00	21.2	0.0
40	QPSK	108	54	20.04	20.11	20.03	21.2	0.0
40	QPSK	108	108	20.00	20.04	20.00		
40	QPSK	216	0	19.98	20.04	20.01	21.2	0.0
40	16QAM	1	1	20.05	20.06	19.94	21.2	0.0
40	64QAM	1	1	19.97	20.08	20.02	21.2	0.0
40	256QAM	1	1	18.58	18.68	18.64	19.2	2.0
Channel				373000	376500	380000	Tune-up limit	MPR
Frequency (MHz)				1865	1882.5	1900	(dBm)	(dB)
30	QPSK	1	1	19.84	20.06	19.98	21.2	0.0
Channel				372500	376500	380500	Tune-up limit	MPR
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)	(dB)
25	QPSK	1	1	19.85	20.00	20.03	21.2	0.0
Channel				372000	376500	381000	Tune-up limit	MPR
Frequency (MHz)				1860	1882.5	1905	(dBm)	(dB)
20	QPSK	1	1	19.90	20.10	19.99	21.2	0.0
Channel				371500	376500	381500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)	(dB)
15	QPSK	1	1	19.84	20.02	19.95	21.2	0.0
Channel				371000	376500	382000	Tune-up limit	MPR
Frequency (MHz)				1855	1882.5	1910	(dBm)	(dB)
10	QPSK	1	1	19.92	20.07	20.08	21.2	0.0
Channel				370500	376500	382500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)	(dB)
5	QPSK	1	1	19.84	20.11	20.01	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-H Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	18.86	18.95	18.88	20.2	0.0
40	PI2 BPSK	1	108	18.93	18.93	18.88		
40	PI2 BPSK	1	214	18.93	19.05	18.82		
40	PI2 BPSK	108	0	18.89	19.06	18.76	20.2	0.0
40	PI2 BPSK	108	54	18.92	18.98	18.90	20.2	0.0
40	PI2 BPSK	108	108	18.87	19.00	18.86	20.2	0.0
40	PI2 BPSK	216	0	18.93	19.03	18.90	20.2	0.0
40	QPSK	1	1	18.91	19.05	18.87		
40	QPSK	1	108	18.84	18.97	18.80		
40	QPSK	1	214	18.86	18.99	18.77	20.2	0.0
40	QPSK	108	0	18.81	19.01	18.75	20.2	0.0
40	QPSK	108	54	18.90	19.03	18.83	20.2	0.0
40	QPSK	108	108	18.86	18.93	18.76	20.2	0.0
40	QPSK	216	0	18.92	18.92	18.81	20.2	0.0
40	16QAM	1	1	18.88	18.97	18.78	20.2	0.0
40	64QAM	1	1	18.90	18.91	18.81	19.7	0.5
40	256QAM	1	1	17.03	17.16	17.13	17.7	2.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.82	18.90	18.82	20.2	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	18.76	18.95	18.80	20.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.82	18.91	18.75	20.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.77	18.92	18.82	20.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.85	18.89	18.74	20.2	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	18.87	18.93	18.81	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-H Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	21.07	21.14	21.02	22.2	0.0
40	PI2 BPSK	1	108	21.08	21.18	21.04		
40	PI2 BPSK	1	214	21.05	21.24	21.13		
40	PI2 BPSK	108	0	21.10	21.19	21.10	22.2	0.0
40	PI2 BPSK	108	54	21.01	21.11	21.04	22.2	0.0
40	PI2 BPSK	108	108	21.02	21.18	21.05	22.2	0.0
40	PI2 BPSK	216	0	21.05	21.23	21.07	22.2	0.0
40	QPSK	1	1	21.15	21.23	21.10		
40	QPSK	1	108	21.05	21.17	20.99		
40	QPSK	1	214	21.04	21.15	21.00	22.2	0.0
40	QPSK	108	0	21.03	21.16	21.04	22.2	0.0
40	QPSK	108	54	21.13	21.19	21.09	22.2	0.0
40	QPSK	108	108	21.01	21.10	21.04	22.2	0.0
40	QPSK	216	0	21.01	21.11	21.02	22.2	0.0
40	16QAM	1	1	21.01	21.21	20.99	22.2	0.0
40	64QAM	1	1	21.11	21.18	21.13	21.7	0.5
40	256QAM	1	1	19.21	19.23	19.21	19.7	2.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	21.09	21.13	21.02	22.2	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	21.06	21.22	21.04	22.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	21.00	21.10	21.01	22.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	21.00	21.18	21.09	22.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	21.14	21.12	20.95	22.2	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	21.01	21.19	21.00	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-H Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	18.23	18.15	18.23	19.2	0.0
40	PI2 BPSK	1	108	18.21	18.16	18.16		
40	PI2 BPSK	1	214	18.13	18.27	18.25		
40	PI2 BPSK	108	0	18.23	18.27	18.11	19.2	0.0
40	PI2 BPSK	108	54	18.21	18.25	18.15	19.2	0.0
40	PI2 BPSK	108	108	18.13	18.26	18.13	19.2	0.0
40	PI2 BPSK	216	0	18.17	18.15	18.14	19.2	0.0
40	QPSK	1	1	18.24	18.30	18.26		
40	QPSK	1	108	18.23	18.17	18.23		
40	QPSK	1	214	18.20	18.25	18.25	19.2	0.0
40	QPSK	108	0	18.17	18.17	18.12	19.2	0.0
40	QPSK	108	54	18.20	18.25	18.20	19.2	0.0
40	QPSK	108	108	18.07	18.14	18.07	19.2	0.0
40	QPSK	216	0	18.12	18.20	18.17	19.2	0.0
40	16QAM	1	1	18.15	18.20	18.24	19.2	0.0
40	64QAM	1	1	18.14	18.21	18.16	19.2	0.0
40	256QAM	1	1	18.18	18.21	18.14	19.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.11	18.21	18.17	19.2	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	18.12	18.26	18.22	19.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.09	18.29	18.12	19.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.14	18.29	18.24	19.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.17	18.10	18.13	19.2	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	18.17	18.15	18.11	19.2	0.0

n26(FCC)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164000	Power Mid Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				824	831.5	844	25.2	0.0	
Frequency (MHz)				24.32	24.39	24.33			
20	PI2 BPSK	1	1	24.32	24.39	24.33			
20	PI2 BPSK	1	53	24.29	24.38	24.35			
20	PI2 BPSK	1	104	24.27	24.30	24.25	24.7	0.5	
20	PI2 BPSK	50	0	23.89	23.91	23.80			
20	PI2 BPSK	50	26	24.36	24.47	24.44			
20	PI2 BPSK	50	56	23.87	23.90	23.83			
20	PI2 BPSK	100	0	23.81	23.84	23.85	25.2	0.0	
20	QPSK	1	1	23.44	24.51	24.38			
20	QPSK	1	53	24.26	24.30	24.15			
20	QPSK	1	104	24.24	24.33	24.31			
20	QPSK	50	0	23.38	23.40	23.28	24.2	1.0	
20	QPSK	50	28	24.16	24.32	24.19			
20	QPSK	50	56	23.38	23.38	23.25			
20	QPSK	100	0	23.24	23.39	23.29			
20	16QAM	1	1	23.33	23.35	23.30	24.2	1.0	
20	64QAM	1	1	21.65	21.77	21.75			
20	256QAM	1	1	19.89	19.92	19.86			
Channel				164000	166300	166800		Tune-up limit (dBm)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	24.34	24.48	24.34	25.2	0.0	
Channel				163800	166300	166800			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	24.42	24.49	24.36		25.2	
Channel				163300	166300	166300			
Frequency (MHz)				816.5	831.5	846.5	25.2	0.0	
5	QPSK	1	1	24.43	24.43	24.32			

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164000	Power Mid Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				824	831.5	844	24.3	0.0	
Frequency (MHz)				23.39	23.42	23.28			
20	PI2 BPSK	1	1	23.39	23.42	23.28			
20	PI2 BPSK	1	53	23.27	23.39	23.30			
20	PI2 BPSK	1	104	23.31	23.41	23.28	23.8	0.5	
20	PI2 BPSK	50	0	22.88	22.92	22.79			
20	PI2 BPSK	50	28	23.33	23.38	23.26			
20	PI2 BPSK	50	56	22.85	22.97	22.85			
20	PI2 BPSK	100	0	22.80	22.94	22.90	24.3	0.0	
20	QPSK	1	1	23.40	23.45	23.43			
20	QPSK	1	53	23.24	23.37	23.33			
20	QPSK	1	104	23.28	23.42	23.27			
20	QPSK	50	0	22.40	22.45	22.30	23.3	1.0	
20	QPSK	50	28	23.31	23.36	23.23			
20	QPSK	50	56	22.40	22.45	22.37			
20	QPSK	100	0	22.32	22.38	22.28			
20	16QAM	1	1	22.38	22.45	22.33	23.3	1.0	
20	64QAM	1	1	20.90	20.91	20.76			
20	256QAM	1	1	18.91	18.96	18.95			
Channel				164000	166300	166800		Tune-up limit (dBm)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.27	23.44	23.37	24.3	0.0	
Channel				163800	166300	166800			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	23.32	23.33	23.38		24.3	
Channel				163300	166300	166300			
Frequency (MHz)				816.5	831.5	846.5	24.3	0.0	
5	QPSK	1	1	23.38	23.35	23.40			

n30_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 462000	Power Mid Ch. / Freq. 462000	Power High Ch. / Freq. 462000	Tune-up limit (dBm)	MPR (dB)	
Channel				2310	2310	2310	21.4	0.0	
Frequency (MHz)				19.97	19.97	19.97			
10	PI2 BPSK	1	1	19.97	19.97	19.97			
10	PI2 BPSK	1	26	20.11	20.11	20.11			
10	PI2 BPSK	1	50	20.04	20.04	20.04	21.4	0.0	
10	PI2 BPSK	25	0	19.97	19.97	19.97			
10	PI2 BPSK	25	14	20.08	20.08	20.08			
10	PI2 BPSK	25	27	20.04	20.04	20.04			
10	PI2 BPSK	50	0	19.98	19.98	19.98	21.4	0.0	
10	QPSK	1	1	20.12	20.12	20.12			
10	QPSK	1	26	19.97	19.97	19.97			
10	QPSK	1	50	20.05	20.05	20.05			
10	QPSK	25	0	19.98	19.98	19.98	21.4	0.0	
10	QPSK	25	14	20.08	20.08	20.08			
10	QPSK	25	27	19.95	19.95	19.95			
10	QPSK	50	0	20.05	20.05	20.05			
10	16QAM	1	1	19.97	19.97	19.97	21.4	0.0	
10	64QAM	1	1	20.08	20.08	20.08			
10	256QAM	1	1	18.49	18.49	18.49			
Channel				461500	462000	462500		Tune-up limit (dBm)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	1	20.04	20.11	20.00	21.4	0.0	
Channel				461500	462000	462500			

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n30_Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2310				
Frequency (MHz)								
10	PI2 BPSK	1	1	18.27			19.4	0.0
10	PI2 BPSK	1	26	18.21				
10	PI2 BPSK	1	50	18.21			19.4	0.0
10	PI2 BPSK	25	0	18.21				
10	PI2 BPSK	25	14	18.27			19.4	0.0
10	PI2 BPSK	25	27	18.23			19.4	0.0
10	PI2 BPSK	50	0	18.32				
10	QPSK	1	1	18.33			19.4	0.0
10	QPSK	1	26	18.27				
10	QPSK	1	50	18.18			19.4	0.0
10	QPSK	25	0	18.21				
10	QPSK	25	14	18.26			19.4	0.0
10	QPSK	25	27	18.15			19.4	0.0
10	QPSK	50	0	18.26				
10	16QAM	1	1	18.31			19.4	0.0
10	64QAM	1	1	18.32			19.4	0.0
10	256QAM	1	1	18.83			17.9	1.5
Channel				46190	46200	46250		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	18.24	18.22	18.29	19.4	0.0

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n66_Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Level Ch. / Freq	Power Level Ch. / Freq	Power Level Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				346000	346000	350000		
40	PI2 BPSK	1	1	18.95	18.99	18.95	20.2	0.0
40	PI2 BPSK	1	108	18.82	19.04	18.86		
40	PI2 BPSK	1	214	18.93	18.92	18.87	20.2	0.0
40	PI2 BPSK	108	0	18.92	18.91	18.95		
40	PI2 BPSK	108	54	18.90	19.00	18.99	20.2	0.0
40	PI2 BPSK	108	108	18.83	19.00	18.91	20.2	0.0
40	PI2 BPSK	216	0	18.86	18.97	18.98		
40	QPSK	1	1	18.96	19.06	19.01	20.2	0.0
40	QPSK	1	108	18.95	19.04	18.93		
40	QPSK	1	214	18.86	18.94	18.99	20.2	0.0
40	QPSK	108	0	18.76	19.02	18.94		
40	QPSK	108	54	18.88	19.04	18.97	20.2	0.0
40	QPSK	108	108	18.76	19.03	18.92	20.2	0.0
40	QPSK	216	0	18.83	18.99	18.94		
40	16QAM	1	1	18.86	18.96	18.86	20.2	0.0
40	64QAM	1	1	18.90	18.97	18.91	20.2	0.0
40	256QAM	1	1	18.86	18.93	18.86	20.2	0.0
Channel								
Frequency (MHz)				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
				1725	1745	1765		
30	QPSK	1	1	18.81	18.91	18.88	20.2	0.0
Channel								
Frequency (MHz)				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
				1720	1745	1770		
20	QPSK	1	1	18.92	19.00	18.87	20.2	0.0
Channel								
Frequency (MHz)				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
				1717.5	1745	1772.5		
15	QPSK	1	1	18.82	18.91	18.88	20.2	0.0
Channel								
Frequency (MHz)				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
				1715	1745	1775		
10	QPSK	1	1	18.93	19.01	18.96	20.2	0.0
Channel								
Frequency (MHz)				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
				1712.5	1745	1777.5		
5	QPSK	1	1	18.87	19.04	18.88	20.2	0.0

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n66_Ant 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	350000		
Frequency (MHz)				1720	1745	1765		
40	PI2 BPSK	1	1	18.37	18.50	18.27	19.7	0.0
40	PI2 BPSK	1	108	18.44	18.39	18.37		
40	PI2 BPSK	1	214	18.36	18.43	18.30	19.7	0.0
40	PI2 BPSK	108	0	18.44	18.40	18.37		
40	PI2 BPSK	108	54	18.47	18.40	18.33	19.7	0.0
40	PI2 BPSK	108	108	18.48	18.38	18.38	19.7	0.0
40	PI2 BPSK	216	0	18.44	18.48	18.37		
40	QPSK	1	1	18.35	18.53	18.31	19.7	0.0
40	QPSK	1	108	18.44	18.48	18.35		
40	QPSK	1	214	18.37	18.51	18.38	19.7	0.0
40	QPSK	108	0	18.46	18.48	18.24		
40	QPSK	108	54	18.47	18.52	18.34	19.7	0.0
40	QPSK	108	108	18.46	18.39	18.28	19.7	0.0
40	QPSK	216	0	18.39	18.45	18.33		
40	16QAM	1	1	18.47	18.46	18.35	19.7	0.0
40	64QAM	1	1	18.40	18.48	18.34	19.7	0.0
40	256QAM	1	1	17.71	17.77	17.69	19.2	0.5
Channel				345000	349000	353000	Tune-up limit	MPR
				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	18.35	18.51	18.31	19.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	18.35	18.52	18.37	19.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	18.43	18.48	18.29	19.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	18.38	18.38	18.29	19.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	18.40	18.44	18.29	19.7	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-H Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1770			
40	Pi/2 BPSK	1	1	20.56	20.67	20.67			
40	Pi/2 BPSK	1	108	20.66	20.73	20.70	21.7	0.0	
40	Pi/2 BPSK	1	214	20.63	20.68	20.67			
40	Pi/2 BPSK	108	0	20.63	20.69	20.59	21.7	0.0	
40	Pi/2 BPSK	108	54	20.70	20.64	20.59	21.7	0.0	
40	Pi/2 BPSK	108	108	20.56	20.71	20.58			
40	Pi/2 BPSK	216	0	20.58	20.70	20.66	21.7	0.0	
40	QPSK	1	1	20.71	20.79	20.72			
40	QPSK	1	108	20.58	20.76	20.66	21.7	0.0	
40	QPSK	1	214	20.57	20.70	20.68			
40	QPSK	108	0	20.54	20.63	20.67	21.7	0.0	
40	QPSK	108	54	20.66	20.74	20.71	21.7	0.0	
40	QPSK	108	108	20.58	20.62	20.62	21.7	0.0	
40	QPSK	216	0	20.65	20.67	20.66			
40	16QAM	1	1	20.67	20.73	20.63	21.7	0.0	
40	64QAM	1	1	20.68	20.69	20.67	21.7	0.0	
40	256QAM	1	1	19.31	19.37	19.25	20.7	1.0	
Channel				349000	349000	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	20.60	20.72	20.60	21.7	0.0	
Channel				344000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	20.62	20.69	20.64	21.7	0.0	
Channel				342500	349000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	20.69	20.71	20.66	21.7	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	20.66	20.67	20.64	21.7	0.0	
Channel				342500	349000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	20.69	20.66	20.60	21.7	0.0	

n66_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-H Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1770			
40	Pi/2 BPSK	1	1	16.80	16.82	16.82			
40	Pi/2 BPSK	1	108	16.80	16.78	16.75	18.2	0.0	
40	Pi/2 BPSK	1	214	16.81	16.78	16.85			
40	Pi/2 BPSK	108	0	16.55	16.82	16.78	18.2	0.0	
40	Pi/2 BPSK	108	54	16.83	16.76	16.83	18.2	0.0	
40	Pi/2 BPSK	108	108	16.56	16.84	16.84			
40	Pi/2 BPSK	216	0	16.82	16.79	16.73	18.2	0.0	
40	QPSK	1	1	16.69	16.88	16.87			
40	QPSK	1	108	16.58	16.77	16.86	18.2	0.0	
40	QPSK	1	214	16.84	16.77	16.77			
40	QPSK	108	0	16.84	16.75	16.77	18.2	0.0	
40	QPSK	108	54	16.62	16.83	16.80	18.2	0.0	
40	QPSK	108	108	16.53	16.73	16.68	18.2	0.0	
40	QPSK	216	0	16.83	16.80	16.75			
40	16QAM	1	1	16.59	16.73	16.80	18.2	0.0	
40	64QAM	1	1	16.51	16.85	16.76	18.2	0.0	
40	256QAM	1	1	16.58	16.79	16.81	18.2	0.0	
Channel				345000	349000	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	16.77	16.75	16.79	18.2	0.0	
Channel				344000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	16.85	16.74	16.79	18.2	0.0	
Channel				343500	349000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	16.77	16.81	16.81	18.2	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	16.80	16.83	16.80	18.2	0.0	
Channel				342500	349000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	16.74	16.83	16.76	18.2	0.0	

n71_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	24.7	0.0
Frequency (MHz)				672	680.5	688		
20	PI/2 BPSK	1	1	22.17	22.21	22.26		
20	PI/2 BPSK	1	53	22.33	22.39	22.29		
20	PI/2 BPSK	1	104	22.26	22.34	22.24	24.7	0.0
20	PI/2 BPSK	50	0	22.22	22.32	22.22		
20	PI/2 BPSK	50	28	22.13	22.24	22.10		
20	PI/2 BPSK	50	56	22.21	22.27	22.20		
20	PI/2 BPSK	100	0	22.28	22.33	22.18	24.7	0.0
20	QPSK	1	1	23.65	23.68	23.76		
20	QPSK	1	53	23.62	23.84	23.71		
20	QPSK	1	104	23.60	23.81	23.73		
20	QPSK	50	0	22.77	22.91	22.88	23.7	1.0
20	QPSK	50	28	23.72	23.68	23.75		
20	QPSK	50	56	22.74	22.81	22.68		
20	QPSK	100	0	22.76	22.89	22.77		
20	16QAM	1	1	22.68	22.73	22.70	23.7	1.0
20	64QAM	1	1	21.11	21.23	21.16		
20	256QAM	1	1	19.14	19.24	19.23		
Channel				134100	136100	138100		
Frequency (MHz)				670.5	680.5	690.5	20.2	4.5
15	QPSK	1	1	23.84	23.77	23.74		
Channel				133600	136100	138600		
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.73	23.77	23.67	24.7	0.0
Channel				133100	136100	139100		
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.77	23.76	23.75		

n71_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	23.8	0.0
Frequency (MHz)				672	680.5	688		
20	PI/2 BPSK	1	1	21.40	21.52	21.44		
20	PI/2 BPSK	1	53	21.49	21.61	21.46		
20	PI/2 BPSK	1	104	21.41	21.56	21.48	23.8	0.0
20	PI/2 BPSK	50	0	21.37	21.49	21.35		
20	PI/2 BPSK	50	28	21.53	21.58	21.51		
20	PI/2 BPSK	50	56	21.46	21.60	21.51		
20	PI/2 BPSK	100	0	21.49	21.51	21.41	23.8	0.0
20	QPSK	1	1	23.08	23.09	22.98		
20	QPSK	1	53	22.92	23.01	22.87		
20	QPSK	1	104	22.93	23.06	22.92		
20	QPSK	50	0	22.07	22.08	22.01	22.8	1.0
20	QPSK	50	28	23.06	23.07	22.97		
20	QPSK	50	56	22.10	22.11	21.96		
20	QPSK	100	0	22.00	22.12	21.99		
20	16QAM	1	1	21.91	21.92	21.91	22.8	1.0
20	64QAM	1	1	20.43	20.54	20.51		
20	256QAM	1	1	18.44	18.57	18.52		
Channel				134100	136100	138100		
Frequency (MHz)				670.5	680.5	690.5	19.3	4.5
15	QPSK	1	1	22.99	23.04	22.95		
Channel				133600	136100	138600		
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.06	22.97	22.84	23.8	0.0
Channel				133100	136100	139100		
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.94	23.03	22.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.18	16.23	16.07		
40	PI/2 BPSK	1	53	16.13	16.31	15.99	17.7	0.0
40	PI/2 BPSK	1	104	16.16	16.22	16.00		
40	PI/2 BPSK	50	0	16.05	16.29	16.01	17.7	0.0
40	PI/2 BPSK	50	26	16.13	16.20	16.09	17.7	0.0
40	PI/2 BPSK	50	56	16.11	16.25	16.03		
40	PI/2 BPSK	100	0	16.14	16.28	16.01	17.7	0.0
40	QPSK	1	1	16.15	16.35	16.14		
40	QPSK	1	53	16.16	16.22	16.07	17.7	0.0
40	QPSK	1	104	16.15	16.31	16.03		
40	QPSK	50	0	16.02	16.16	16.00	17.7	0.0
40	QPSK	50	26	16.11	16.28	16.15	17.7	0.0
40	QPSK	50	56	15.99	16.13	16.10		
40	QPSK	100	0	16.03	16.21	16.08	17.7	0.0
40	16QAM	1	1	16.07	16.31	16.09	17.7	0.0
40	64QAM	1	1	16.05	16.30	16.10	17.7	0.0
40	256QAM	1	1	16.00	16.29	16.02	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.14	16.23	16.12	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.11	16.27	16.07	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.04	16.29	16.07	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.18	16.31	16.11	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.94	17.07	16.84		
40	PI/2 BPSK	1	53	17.02	16.98	16.81	17.7	0.0
40	PI/2 BPSK	1	104	16.97	16.95	16.86		
40	PI/2 BPSK	50	0	17.00	17.01	16.80	17.7	0.0
40	PI/2 BPSK	50	26	17.00	17.01	16.86	17.7	0.0
40	PI/2 BPSK	50	56	17.00	16.95	16.90		
40	PI/2 BPSK	100	0	16.90	17.03	16.91	17.7	0.0
40	QPSK	1	1	17.05	17.10	16.95		
40	QPSK	1	53	16.97	16.95	16.86	17.7	0.0
40	QPSK	1	104	16.98	17.04	16.90		
40	QPSK	50	0	16.92	17.06	16.86	17.7	0.0
40	QPSK	50	26	16.96	17.09	16.95	17.7	0.0
40	QPSK	50	56	16.84	17.07	16.81		
40	QPSK	100	0	16.95	17.04	16.85	17.7	0.0
40	16QAM	1	1	17.00	17.09	16.88	17.7	0.0
40	64QAM	1	1	16.99	16.96	16.91	17.7	0.0
40	256QAM	1	1	16.97	17.06	16.80	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.97	17.05	16.77	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.93	17.05	16.79	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.93	17.09	16.94	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.92	16.97	16.91	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.57	16.62	16.61		
40	PI/2 BPSK	1	53	16.57	16.65	16.52	17.7	0.0
40	PI/2 BPSK	1	104	16.61	16.62	16.51		
40	PI/2 BPSK	50	0	16.61	16.60	16.54	17.7	0.0
40	PI/2 BPSK	50	26	16.49	16.65	16.57	17.7	0.0
40	PI/2 BPSK	50	56	16.60	16.66	16.48		
40	PI/2 BPSK	100	0	16.54	16.61	16.61	17.7	0.0
40	QPSK	1	1	16.63	16.68	16.63		
40	QPSK	1	53	16.57	16.58	16.51	17.7	0.0
40	QPSK	1	104	16.52	16.62	16.53		
40	QPSK	50	0	16.48	16.56	16.52	17.7	0.0
40	QPSK	50	26	16.56	16.60	16.56	17.7	0.0
40	QPSK	50	56	16.48	16.55	16.41		
40	QPSK	100	0	16.52	16.54	16.49	17.7	0.0
40	16QAM	1	1	16.56	16.54	16.60	17.7	0.0
40	64QAM	1	1	16.48	16.57	16.61	17.7	0.0
40	256QAM	1	1	16.58	16.56	16.52	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.53	16.65	16.55	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.51	16.55	16.55	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.59	16.63	16.54	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.50	16.61	16.55	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	16.32	16.34	16.38		
40	PI2 BPSK	1	53	16.35	16.40	16.35	17.2	0.0
40	PI2 BPSK	1	104	16.32	16.38	16.37		
40	PI2 BPSK	50	0	16.38	16.44	16.37	17.2	0.0
40	PI2 BPSK	50	26	16.28	16.38	16.31	17.2	0.0
40	PI2 BPSK	50	56	16.30	16.33	16.24		
40	PI2 BPSK	100	0	16.37	16.41	16.36	17.2	0.0
40	QPSK	1	1	16.40	16.46	16.35		
40	QPSK	1	53	16.30	16.31	16.27	17.2	0.0
40	QPSK	1	104	16.38	16.45	16.24		
40	QPSK	50	0	16.28	16.40	16.29	17.2	0.0
40	QPSK	50	26	16.35	16.45	16.31	17.2	0.0
40	QPSK	50	56	16.33	16.30	16.19		
40	QPSK	100	0	16.33	16.40	16.30		
40	16QAM	1	1	16.30	16.34	16.27	17.2	0.0
40	64QAM	1	1	16.31	16.35	16.30	17.2	0.0
40	256QAM	1	1	16.38	16.42	16.36	17.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.25	16.45	16.36	17.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.31	16.40	16.30	17.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.37	16.37	16.33	17.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.34	16.37	16.28	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	520000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	16.25	16.35	16.42		
100	PI2 BPSK	1	137	16.28	16.32	16.31	17.7	0.0
100	PI2 BPSK	1	271	16.32	16.42	16.44		
100	PI2 BPSK	135	0	16.33	16.32	16.44	17.7	0.0
100	PI2 BPSK	135	69	16.32	16.45	16.45		
100	PI2 BPSK	135	138	16.30	16.42	16.41	17.7	0.0
100	PI2 BPSK	270	0	16.29	16.41	16.45		
100	QPSK	1	1	16.38	16.47	16.46		
100	QPSK	1	137	16.32	16.44	16.43	17.7	0.0
100	QPSK	1	271	16.38	16.39	16.35		
100	QPSK	135	0	16.29	16.43	16.27	17.7	0.0
100	QPSK	135	69	16.36	16.46	16.41	17.7	0.0
100	QPSK	135	138	16.32	16.37	16.36		
100	QPSK	270	0	16.36	16.41	16.39	17.7	0.0
100	16QAM	1	1	16.27	16.35	16.39	17.7	0.0
100	64QAM	1	1	16.28	16.34	16.43	17.7	0.0
100	256QAM	1	1	16.36	16.35	16.31	17.7	0.0
Channel				508200	518598	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.33	16.39	16.35	17.7	0.0
Channel				507204	518598	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2648.98		
80	QPSK	1	1	16.39	16.39	16.39	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2605		
70	QPSK	1	1	16.33	16.37	16.32	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2658.98		
60	QPSK	1	1	16.34	16.42	16.42	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.98		
50	QPSK	1	1	16.45	16.42	16.37	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.45	16.44	16.32	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.43	16.32	16.44	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2678.98		
20	QPSK	1	1	16.35	16.38	16.35	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	520000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	16.25	16.35	16.42		
100	PI2 BPSK	1	137	16.28	16.32	16.31	17.7	0.0
100	PI2 BPSK	1	271	16.32	16.42	16.44		
100	PI2 BPSK	135	0	16.33	16.32	16.44	17.7	0.0
100	PI2 BPSK	135	69	16.32	16.45	16.45		
100	PI2 BPSK	135	138	16.30	16.42	16.41	17.7	0.0
100	PI2 BPSK	270	0	16.29	16.41	16.45		
100	QPSK	1	1	16.38	16.47	16.46		
100	QPSK	1	137	16.32	16.44	16.43	17.7	0.0
100	QPSK	1	271	16.38	16.39	16.35		
100	QPSK	135	0	16.29	16.43	16.27	17.7	0.0
100	QPSK	135	69	16.36	16.46	16.41	17.7	0.0
100	QPSK	135	138	16.32	16.37	16.36		
100	QPSK	270	0	16.36	16.41	16.39	17.7	0.0
100	16QAM	1	1	16.27	16.35	16.39	17.7	0.0
100	64QAM	1	1	16.28	16.34	16.43	17.7	0.0
100	256QAM	1	1	16.36	16.35	16.31	17.7	0.0
Channel				508200	518598	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.33	16.39	16.35	17.7	0.0
Channel				507204	518598	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2648.98		
80	QPSK	1	1	16.39	16.39	16.39	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2605		
70	QPSK	1	1	16.33	16.37	16.32	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2658.98		
60	QPSK	1	1	16.34	16.42	16.42	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.98		
50	QPSK	1	1	16.45	16.42	16.37	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.45	16.44	16.32	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.43	16.32	16.44	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2678.98		
20	QPSK	1	1	16.35	16.38	16.35	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				506202	518598	530000		
				2546.01	2592.99	2640		
100	Pl2 BPSK	1	1	16.21	16.43	16.41		
100	Pl2 BPSK	1	137	16.21	16.48	16.42	17.2	0.0
100	Pl2 BPSK	1	271	16.19	16.48	16.46		
100	Pl2 BPSK	135	0	16.13	16.46	16.42	17.2	0.0
100	Pl2 BPSK	135	69	16.21	16.45	16.35	17.2	0.0
100	Pl2 BPSK	135	138	16.17	16.50	16.39		
100	Pl2 BPSK	270	0	16.19	16.43	16.46	17.2	0.0
100	QPSK	1	1	16.23	16.55	16.50		
100	QPSK	1	137	16.20	16.52	16.47	17.2	0.0
100	QPSK	1	271	16.14	16.40	16.45		
100	QPSK	135	0	16.06	16.45	16.36	17.2	0.0
100	QPSK	135	69	16.17	16.54	16.43	17.2	0.0
100	QPSK	135	138	16.02	16.44	16.36		
100	QPSK	270	0	16.09	16.45	16.40	17.2	0.0
100	16QAM	1	1	16.12	16.49	16.36	17.2	0.0
100	64QAM	1	1	16.17	16.41	16.49	17.2	0.0
100	256QAM	1	1	16.14	16.49	16.43	17.2	0.0
Channel								
Frequency (MHz)				506200	518598	530000	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.98		
90	QPSK	1	1	16.09	16.41	16.38	17.2	0.0
Channel								
Frequency (MHz)				507204	518598	530000	Tune-up limit (dBm)	MPR (dB)
				2636.02	2592.99	2648.99		
80	QPSK	1	1	16.15	16.52	16.38	17.2	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2635		
70	QPSK	1	1	16.22	16.43	16.41	17.2	0.0
Channel								
Frequency (MHz)				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	16.09	16.54	16.40	17.2	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
				2621.02	2592.99	2664.98		
50	QPSK	1	1	16.17	16.44	16.35	17.2	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
				2516.01	2592.99	2670		
40	QPSK	1	1	16.11	16.53	16.36	17.2	0.0
Channel								
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
				2511	2592.99	2674.98		
30	QPSK	1	1	16.11	16.53	16.37	17.2	0.0
Channel								
Frequency (MHz)				507204	518598	535998	Tune-up limit (dBm)	MPR (dB)
				2606.02	2592.99	2679.98		
20	QPSK	1	1	16.15	16.41	16.42	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				506202	518598	530000		
				2546.01	2592.99	2640		
100	Pl2 BPSK	1	1	16.21	16.43	16.41		
100	Pl2 BPSK	1	137	16.21	16.48	16.42	17.2	0.0
100	Pl2 BPSK	1	271	16.18	16.48	16.46		
100	Pl2 BPSK	135	0	16.13	16.46	16.42	17.2	0.0
100	Pl2 BPSK	135	69	16.21	16.45	16.35	17.2	0.0
100	Pl2 BPSK	135	138	16.17	16.50	16.39		
100	Pl2 BPSK	270	0	16.19	16.43	16.46	17.2	0.0
100	QPSK	1	1	16.23	16.55	16.50		
100	QPSK	1	137	16.20	16.52	16.47	17.2	0.0
100	QPSK	1	271	16.14	16.40	16.45		
100	QPSK	135	0	16.06	16.45	16.36	17.2	0.0
100	QPSK	135	69	16.17	16.54	16.43	17.2	0.0
100	QPSK	135	138	16.02	16.44	16.36		
100	QPSK	270	0	16.09	16.45	16.40	17.2	0.0
100	16QAM	1	1	16.12	16.49	16.36	17.2	0.0
100	64QAM	1	1	16.17	16.41	16.49	17.2	0.0
100	256QAM	1	1	16.14	16.49	16.43	17.2	0.0
Channel								
Frequency (MHz)				506200	518598	530000	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.98		
90	QPSK	1	1	16.09	16.41	16.38	17.2	0.0
Channel								
Frequency (MHz)				507204	518598	530000	Tune-up limit (dBm)	MPR (dB)
				2636.02	2592.99	2648.99		
80	QPSK	1	1	16.15	16.52	16.38	17.2	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2635		
70	QPSK	1	1	16.22	16.43	16.41	17.2	0.0
Channel								
Frequency (MHz)				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	16.09	16.54	16.40	17.2	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
				2621.02	2592.99	2664.98		
50	QPSK	1	1	16.17	16.44	16.35	17.2	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
				2516.01	2592.99	2670		
40	QPSK	1	1	16.11	16.53	16.36	17.2	0.0
Channel								
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
				2511	2592.99	2674.98		
30	QPSK	1	1	16.11	16.53	16.37	17.2	0.0
Channel								
Frequency (MHz)				507204	518598	535998	Tune-up limit (dBm)	MPR (dB)
				2606.02	2592.99	2679.98		
20	QPSK	1	1	16.15	16.41	16.42	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				506202	518598	530000		
				2546.01	2592.99	2640		
100	Pl2 BPSK	1	1	17.54	17.73	17.65		
100	Pl2 BPSK	1	137	17.47	17.67	17.67	18.7	0.0
100	Pl2 BPSK	1	271	17.44	17.69	17.72		
100	Pl2 BPSK	135	0	17.52	17.73	17.62	18.7	0.0
100	Pl2 BPSK	135	69	17.52	17.70	17.73	18.7	0.0
100	Pl2 BPSK	135	138	17.49	17.71	17.61		
100	Pl2 BPSK	270	0	17.51	17.67	17.64	18.7	0.0
100	QPSK	1	1	17.58	17.79	17.74		
100	QPSK	1	137	17.54	17.68	17.69	18.7	0.0
100	QPSK	1	271	17.52	17.73	17.72		
100	QPSK	135	0	17.47	17.60	17.62	18.7	0.0
100	QPSK	135	69	17.55	17.74	17.76	18.7	0.0
100	QPSK	135	138	17.45	17.73	17.59		
100	QPSK	270	0	17.48	17.68	17.63	18.7	0.0
100	16QAM	1	1	17.52	17.75	17.64	18.7	0.0
100	64QAM	1	1	17.54	17.70	17.68	18.7	0.0
100	256QAM	1	1	17.50	17.67	17.62	18.7	0.0
Channel								
Frequency (MHz)				506200	518598	530000	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.98		
90	QPSK	1	1	17.53	17.67	17.72	18.7	0.0
Channel								
Frequency (MHz)				507204	518598	530000	Tune-up limit (dBm)	MPR (dB)
				2636.02	2592.99	2648.98		
80	QPSK	1	1	17.51	17.69	17.61	18.7	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2635		
70	QPSK	1	1	17.47	17.73	17.71	18.7	0.0
Channel								
Frequency (MHz)				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	17.47	17.71	17.60	18.7	0.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				506202	518598	530000		
				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	17.54	17.73	17.65		
100	PI2 BPSK	1	137	17.47	17.67	17.67	18.7	0.0
100	PI2 BPSK	1	271	17.44	17.68	17.72		
100	PI2 BPSK	135	0	17.52	17.73	17.62	18.7	0.0
100	PI2 BPSK	135	69	17.52	17.70	17.73	18.7	0.0
100	PI2 BPSK	135	138	17.49	17.71	17.61		
100	PI2 BPSK	270	0	17.51	17.67	17.64	18.7	0.0
100	QPSK	1	1	17.54	17.73	17.74		
100	QPSK	1	137	17.54	17.68	17.69	18.7	0.0
100	QPSK	1	271	17.52	17.73	17.72		
100	QPSK	135	0	17.47	17.60	17.62	18.7	0.0
100	QPSK	135	69	17.51	17.74	17.76	18.7	0.0
100	QPSK	135	138	17.45	17.73	17.59		
100	QPSK	270	0	17.48	17.65	17.63	18.7	0.0
100	16QAM	1	1	17.52	17.75	17.64	18.7	0.0
100	64QAM	1	1	17.54	17.70	17.68	18.7	0.0
100	256QAM	1	1	17.50	17.67	17.62	18.7	0.0
Channel								
Frequency (MHz)				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.98		
90	QPSK	1	1	17.53	17.67	17.72	18.7	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
				2636.02	2592.99	2648.99		
80	QPSK	1	1	17.51	17.69	17.61	18.7	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2605		
70	QPSK	1	1	17.47	17.75	17.71	18.7	0.0
Channel								
Frequency (MHz)				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	17.47	17.71	17.60	18.7	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
				2621.02	2592.99	2664.99		
50	QPSK	1	1	17.47	17.65	17.65	18.7	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
				2516.01	2592.99	2670		
40	QPSK	1	1	17.57	17.73	17.73	18.7	0.0
Channel								
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
				2511	2592.99	2674.98		
30	QPSK	1	1	17.43	17.69	17.62	18.7	0.0
Channel								
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.45	17.66	17.72	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				506202	518598	529000		
				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	15.70	15.95	15.69		
100	PI2 BPSK	1	137	15.81	15.84	15.69	16.7	0.0
100	PI2 BPSK	1	271	15.80	15.86	15.72		
100	PI2 BPSK	135	0	15.74	15.95	15.80	16.7	0.0
100	PI2 BPSK	135	69	15.69	15.96	15.69	16.7	0.0
100	PI2 BPSK	135	138	15.73	15.92	15.82		
100	PI2 BPSK	270	0	15.76	15.90	15.75	16.7	0.0
100	QPSK	1	1	15.83	15.89	15.94		
100	QPSK	1	137	15.70	15.86	15.73	16.7	0.0
100	QPSK	1	271	15.77	15.89	15.79		
100	QPSK	135	0	15.68	15.82	15.75	16.7	0.0
100	QPSK	135	69	15.80	15.97	15.77	16.7	0.0
100	QPSK	135	138	15.77	15.95	15.69		
100	QPSK	270	0	15.72	15.92	15.73	16.7	0.0
100	16QAM	1	1	15.79	15.83	15.69	16.7	0.0
100	64QAM	1	1	15.74	15.96	15.69	16.7	0.0
100	256QAM	1	1	15.76	15.91	15.82	16.7	0.0
Channel								
Frequency (MHz)				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.98		
90	QPSK	1	1	15.75	15.96	15.72	16.7	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
				2636.02	2592.99	2648.99		
80	QPSK	1	1	15.76	15.91	15.74	16.7	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2605		
70	QPSK	1	1	15.81	15.85	15.70	16.7	0.0
Channel								
Frequency (MHz)				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	15.78	15.95	15.69	16.7	0.0
Channel								
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
				2621.02	2592.99	2664.99		
50	QPSK	1	1	15.73	15.89	15.77	16.7	0.0
Channel								
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
				2516.01	2592.99	2670		
40	QPSK	1	1	15.74	15.87	15.71	16.7	0.0
Channel								
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
				2511	2592.99	2674.98		
30	QPSK	1	1	15.74	15.92	15.80	16.7	0.0
Channel								
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.77	15.90	15.83	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				506202	518598	529000		
				2546.01	2592.99	2640		
100	PI2 BPSK	1	1	15.70	15.95	15.69		
100	PI2 BPSK	1	137	15.81	15.84	15.69	16.7	0.0
100	PI2 BPSK	1	271	15.80	15.86	15.72		
100	PI2 BPSK	135	0	15.74	15.95	15.80	16.7	0.0
100	PI2 BPSK	135	69	15.69	15.96	15.69	16.7	0.0
100	PI2 BPSK	135	138	15.73	15.92	15.82		
100	PI2 BPSK	270	0	15.76	15.90	15.75	16.7	0.0
100	QPSK	1	1	15.83	15.89	15.94		
100	QPSK	1	137	15.70	15.86	15.73	16.7	0.0
100	QPSK	1	271	15.77	15.89	15.79		
100	QPSK	135	0	15.68	15.82	15.75	16.7	0.0
100	QPSK	135	69	15.80	15.97	15.77	16.7	0.0
100	QPSK	135	138	15.77	15.95	15.69		
100	QPSK	270	0	15.72	15.92	15.73	16.7	0.0
100	16QAM	1	1	15.79	15.83	15.69	16.7	0.0
100	64QAM	1	1	15.74	15.96	15.69	16.7	0.0
100	256QAM	1	1	15.76	15.91	15.82	16.7	0.0
Channel								
Frequency (MHz)				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)
				2541	2592.99	2644.98		
90	QPSK	1	1	15.75	15.96	15.72	16.7	0.0
Channel								
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
				2636.02	2592.99	2648.99		
80	QPSK	1	1	15.76	15.91	15.74	16.7	0.0
Channel								
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
				2531.01	2592.99	2605		
70	QPSK	1	1	15.81	15.85	15.70	16.7	0.0
Channel								
Frequency (MHz)				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
				2526	2592.99	2659.98		
60	QPSK	1	1	15.78	15.95	15.69	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	641666	646332	3570	3624.99
Frequency (MHz)						3679.98		
40	PI/2 BPSK	1	1	16.59	16.51	16.54	17.7	0.0
40	PI/2 BPSK	1	53	16.51	16.55	16.54		
40	PI/2 BPSK	1	104	16.47	16.50	16.58	17.7	0.0
40	PI/2 BPSK	50	0	16.58	16.60	16.63		
40	PI/2 BPSK	50	28	16.56	16.55	16.55	17.7	0.0
40	PI/2 BPSK	50	56	16.55	16.52	16.55		
40	PI/2 BPSK	100	0	16.47	16.60	16.59	17.7	0.0
40	QPSK	1	1	16.50	16.55	16.54		
40	QPSK	1	53	16.55	16.50	16.63	17.7	0.0
40	QPSK	1	104	16.55	16.54	16.50		
40	QPSK	50	0	16.39	16.48	16.51	17.7	0.0
40	QPSK	50	28	16.54	16.56	16.59		
40	QPSK	50	56	16.40	16.45	16.53	17.7	0.0
40	QPSK	100	0	16.48	16.58	16.53		
40	16QAM	1	1	16.52	16.63	16.62	17.7	0.0
40	64QAM	1	1	16.49	16.61	16.53		
40	256QAM	1	1	16.47	16.63	16.50	17.7	0.0
Channel				637068	641664	646566		
Frequency (MHz)				3188.34	3208.32	3228.33	17.7	0.0
30	QPSK	1	1	16.49	16.55	16.60		
Channel				637336	641664	646566	3188.88	3208.32
Frequency (MHz)						3228.98		
20	QPSK	1	1	16.48	16.57	16.58	17.7	0.0
Channel				637002	641664	646332		
Frequency (MHz)				3185.01	3208.32	3231.66	17.7	0.0
10	QPSK	1	1	16.54	16.60	16.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				680000	641666	646332	3570	3624.99
Frequency (MHz)						3679.98		
40	PI/2 BPSK	1	1	16.75	16.68	16.72	17.8	0.0
40	PI/2 BPSK	1	53	16.84	16.84	16.78		
40	PI/2 BPSK	1	104	16.76	16.82	16.70	17.8	0.0
40	PI/2 BPSK	50	0	16.87	16.80	16.72		
40	PI/2 BPSK	50	28	16.74	16.86	16.68	17.8	0.0
40	PI/2 BPSK	50	56	16.86	16.93	16.73		
40	PI/2 BPSK	100	0	16.85	16.81	16.76	17.8	0.0
40	QPSK	1	1	16.80	16.94	16.75		
40	QPSK	1	53	16.87	16.87	16.77	17.8	0.0
40	QPSK	1	104	16.75	16.86	16.69		
40	QPSK	50	0	16.88	16.74	16.77	17.8	0.0
40	QPSK	50	28	16.82	16.86	16.76		
40	QPSK	50	56	16.69	16.73	16.73	17.8	0.0
40	QPSK	100	0	16.78	16.85	16.76		
40	16QAM	1	1	16.81	16.80	16.76	17.8	0.0
40	64QAM	1	1	16.86	16.81	16.68		
40	256QAM	1	1	16.84	16.83	16.65	17.8	0.0
Channel				637688	641664	646566		
Frequency (MHz)				3188.34	3208.32	3228.33	17.8	0.0
30	QPSK	1	1	16.76	16.80	16.73		
Channel				637336	641664	646566	3188.88	3208.32
Frequency (MHz)						3228.98		
20	QPSK	1	1	16.83	16.86	16.72	17.8	0.0
Channel				637002	641664	646332		
Frequency (MHz)				3185.01	3208.32	3231.66	17.8	0.0
10	QPSK	1	1	16.78	16.89	16.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				680000	641666	646332	3570	3624.99
Frequency (MHz)						3679.98		
40	PI/2 BPSK	1	1	16.37	16.37	16.41	17.2	0.0
40	PI/2 BPSK	1	53	16.41	16.38	16.49		
40	PI/2 BPSK	1	104	16.36	16.40	16.36	17.2	0.0
40	PI/2 BPSK	50	0	15.30	15.40	15.29		
40	PI/2 BPSK	50	28	16.36	16.43	16.36	17.2	0.0
40	PI/2 BPSK	50	56	15.31	15.32	15.23		
40	PI/2 BPSK	100	0	15.29	15.38	15.35	17.2	0.0
40	QPSK	1	1	16.47	16.50	16.48		
40	QPSK	1	53	16.43	16.43	16.46	17.2	0.0
40	QPSK	1	104	16.40	16.40	16.45		
40	QPSK	50	0	16.24	16.40	16.35	17.2	0.0
40	QPSK	50	28	16.36	16.48	16.41		
40	QPSK	50	56	16.28	16.47	16.26	17.2	0.0
40	QPSK	100	0	16.43	16.47	16.37		
40	16QAM	1	1	16.43	16.41	16.49	17.2	0.0
40	64QAM	1	1	16.29	16.38	16.38		
40	256QAM	1	1	15.76	15.90	15.82	16.7	0.5
Channel				637688	641664	646566		
Frequency (MHz)				3188.34	3208.32	3228.33	17.2	0.0
30	QPSK	1	1	16.37	16.41	16.41		
Channel				637336	641664	646566	3188.88	3208.32
Frequency (MHz)						3228.98		
20	QPSK	1	1	16.46	16.45	16.43	17.2	0.0
Channel				637002	641664	646332		
Frequency (MHz)				3185.01	3208.32	3231.66	17.2	0.0
10	QPSK	1	1	16.38	16.49	16.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	18.65	18.68	18.58	20.2	0.0
40	PI2 BPSK	1	53	18.56	18.73	18.54		
40	PI2 BPSK	1	104	18.61	18.64	18.56		
40	PI2 BPSK	50	0	18.60	18.61	18.60	17.7	2.5
40	PI2 BPSK	50	28	18.64	18.65	18.54	20.2	0.0
40	PI2 BPSK	50	56	18.64	18.76	18.79	17.7	2.5
40	PI2 BPSK	100	0	18.60	18.68	18.62	20.2	0.0
40	QPSK	1	1	18.73	18.78	18.66		
40	QPSK	1	53	18.41	18.61	18.43		
40	QPSK	1	104	18.54	18.74	18.58	17.7	2.5
40	QPSK	50	0	18.11	18.28	18.13		
40	QPSK	50	28	18.54	18.68	18.60		
40	QPSK	50	56	18.10	18.20	18.03	17.7	2.5
40	QPSK	100	0	18.14	18.15	18.01	20.2	0.0
40	16QAM	1	1	18.51	18.61	18.49		
40	64QAM	1	1	17.25	17.22	17.10		
40	256QAM	1	1	15.02	15.15	15.06	18.7	3.5
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.65	18.68	18.58	20.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.65	18.68	18.58	20.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.65	18.68	18.58	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	PI2 BPSK	1	1	18.23		19.2	0.0	0.0			
100	PI2 BPSK	1	137	18.14							
100	PI2 BPSK	1	271	18.17							
100	PI2 BPSK	135	0	18.21		19.2	0.0	0.0			
100	PI2 BPSK	135	69	18.23		19.2	0.0	0.0			
100	PI2 BPSK	135	138	18.17		19.2	0.0	0.0			
100	PI2 BPSK	270	0	18.27							
100	QPSK	1	1	18.29							
100	QPSK	1	137	18.24		19.2	0.0	0.0			
100	QPSK	1	271	18.20							
100	QPSK	135	0	18.20							
100	QPSK	135	69	18.24		19.2	0.0	0.0			
100	QPSK	135	138	18.20		19.2	0.0	0.0			
100	QPSK	270	0	18.21		19.2	0.0	0.0			
100	16QAM	1	1	18.19		19.2	0.0	0.0			
100	64QAM	1	1	18.24		19.2	0.0	0.0			
100	256QAM	1	1	18.22		19.2	0.0	0.0			
Channel											
Frequency (MHz)											
90	QPSK	1	1	18.26	18.23	18.21	19.2	0.0			
Channel											
Frequency (MHz)											
80	QPSK	1	1	18.20	18.22	18.15	19.2	0.0			
Channel											
Frequency (MHz)											
70	QPSK	1	1	18.18	18.17	18.27	19.2	0.0			
Channel											
Frequency (MHz)											
60	QPSK	1	1	18.21	18.19	18.18	19.2	0.0			
Channel											
Frequency (MHz)											
50	QPSK	1	1	18.24	18.18	18.17	19.2	0.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	18.25	18.16	18.16	19.2	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	18.20	18.17	18.16	19.2	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	18.17	18.25	18.19	19.2	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	18.28	18.20	18.28	19.2	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	18.15	18.17	18.17	19.2	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	18.14	18.27	18.16	19.2	0.0
100	PI2 BPSK	1	137	18.19	18.29	18.13		
100	PI2 BPSK	1	271	18.18	18.31	18.17		
100	PI2 BPSK	135	0	18.27	18.22	18.10	19.2	0.0
100	PI2 BPSK	135	69	18.22	18.18	18.21	19.2	0.0
100	PI2 BPSK	135	138	18.26	18.18	18.18	19.2	0.0
100	PI2 BPSK	270	0	18.24	18.30	18.13		
100	QPSK	1	1	18.28	18.32	18.23		
100	QPSK	1	137	18.17	18.21	18.21	19.2	0.0
100	QPSK	1	271	18.18	18.21	18.17		
100	QPSK	135	0	18.22	18.15	18.17		
100	QPSK	135	69	18.24	18.25	18.20	19.2	0.0
100	QPSK	135	138	18.18	18.17	18.06	19.2	0.0
100	QPSK	270	0	18.20	18.24	18.15		
100	16QAM	1	1	18.18	18.25	18.16		
100	64QAM	1	1	18.14	18.21	18.17	19.2	0.0
100	256QAM	1	1	18.20	18.18	18.14	19.2	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.25	18.19	18.19	19.2	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.22	18.27	18.19	19.2	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.19	18.21	18.12	19.2	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.21	18.22	18.16	19.2	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.24	18.19	18.16	19.2	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.16	18.30	18.14	19.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.15	18.20	18.19	19.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.27	18.30	18.14	19.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.17	18.20	18.12	19.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.27	18.24	18.22	19.2	0.0

Part27Q_n77_Ant 9 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3499.98		3499.98		3499.98	
100	PI2 BPSK	1	1	18.23				19.2	0.0
100	PI2 BPSK	1	137	18.14					
100	PI2 BPSK	1	271	18.17				19.2	0.0
100	PI2 BPSK	135	0	18.21					
100	PI2 BPSK	135	69	18.23				19.2	0.0
100	PI2 BPSK	135	138	18.17				19.2	0.0
100	PI2 BPSK	270	0	18.27					
100	QPSK	1	1	18.26					
100	QPSK	1	137	18.24				19.2	0.0
100	QPSK	1	271	18.20					
100	QPSK	135	0	18.20				19.2	0.0
100	QPSK	135	69	18.24				19.2	0.0
100	QPSK	135	138	18.20					
100	QPSK	270	0	18.21				19.2	0.0
100	16QAM	1	1	18.19				19.2	0.0
100	64QAM	1	1	18.24				19.2	0.0
100	256QAM	1	1	18.22				19.2	0.0
Channel									
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
				3495	3499.98	3504.99			
90	QPSK	1	1	18.26	18.23	18.21	19.2	0.0	
Channel									
Frequency (MHz)				632096	633332	634000	Tune-up limit (dBm)	MPR (dB)	
				3490.02	3499.98	3510			
80	QPSK	1	1	18.20	18.22	18.15	19.2	0.0	
Channel									
Frequency (MHz)				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
				3490.01	3499.98	3514.98			
70	QPSK	1	1	18.18	18.17	18.27	19.2	0.0	
Channel									
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
				3480	3499.98	3519.99			
60	QPSK	1	1	18.21	18.19	18.18	19.2	0.0	
Channel									
Frequency (MHz)				631096	633332	635000	Tune-up limit (dBm)	MPR (dB)	
				3475.02	3499.98	3505			
50	QPSK	1	1	18.24	18.18	18.17	19.2	0.0	
Channel									
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
				3470.01	3499.98	3523.98			
40	QPSK	1	1	18.25	18.16	18.16	19.2	0.0	
Channel									
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
				3465	3499.98	3534.99			
30	QPSK	1	1	18.20	18.17	18.16	19.2	0.0	
Channel									
Frequency (MHz)				630596	633332	636000	Tune-up limit (dBm)	MPR (dB)	
				3460.02	3499.98	3540			
20	QPSK	1	1	18.17	18.25	18.19	19.2	0.0	
Channel									
Frequency (MHz)				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)	
				3457.5	3499.98	3542.49			
15	QPSK	1	1	18.28	18.20	18.26	19.2	0.0	
Channel									
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
				3455.01	3499.98	3544.98			
10	QPSK	1	1	18.15	18.17	18.17	19.2	0.0	

Part27O_n77_Ant 9 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	18.14	18.27	18.16		19.2	0.0
100	PI2 BPSK	1	137	18.19	18.39	18.13			
100	PI2 BPSK	1	271	18.18	18.31	18.17		19.2	0.0
100	PI2 BPSK	135	0	18.27	18.22	18.10			
100	PI2 BPSK	135	69	18.22	18.18	18.21		19.2	0.0
100	PI2 BPSK	135	138	18.26	18.18	18.18		19.2	0.0
100	PI2 BPSK	270	0	18.24	18.30	18.13			
100	QPSK	1	1	18.23	18.32	18.23			
100	QPSK	1	137	18.17	18.21	18.21		19.2	0.0
100	QPSK	1	271	18.16	18.21	18.17			
100	QPSK	135	0	18.22	18.15	18.17		19.2	0.0
100	QPSK	135	69	18.23	18.25	18.24		19.2	0.0
100	QPSK	135	138	18.18	18.17	18.06			
100	QPSK	270	0	18.20	18.24	18.15		19.2	0.0
100	16QAM	1	1	18.18	18.25	18.16		19.2	0.0
100	64QAM	1	1	18.14	18.21	18.17		19.2	0.0
100	256QAM	1	1	18.20	18.18	18.14		19.2	0.0
Channel									
Frequency (MHz)				648688	656000	662332	Tune-up limit (dBm)	MPR (dB)	
				3745.02	3840	3934.98			
90	QPSK	1	1	18.25	18.19	18.19	19.2	0.0	
Channel									
Frequency (MHz)				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
				3740.01	3840	3939.99			
80	QPSK	1	1	18.22	18.27	18.19	19.2	0.0	
Channel									
Frequency (MHz)				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
				3735	3840	3945			
70	QPSK	1	1	18.19	18.21	18.12	19.2	0.0	
Channel									
Frequency (MHz)				648688	656000	663332	Tune-up limit (dBm)	MPR (dB)	
				3730.02	3840	3949.98			
60	QPSK	1	1	18.21	18.22	18.16	19.2	0.0	
Channel									
Frequency (MHz)				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
				3725.01	3840	3959.99			
50	QPSK	1	1	18.24	18.19	18.16	19.2	0.0	
Channel									
Frequency (MHz)				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
				3720	3840	3950			
40	QPSK	1	1	18.16	18.30	18.14	19.2	0.0	
Channel									
Frequency (MHz)				647688	656000	664332	Tune-up limit (dBm)	MPR (dB)	
				3715.02	3840	3964.98			
30	QPSK	1	1	18.15	18.20	18.19	19.2	0.0	
Channel									
Frequency (MHz)				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
				3710.01	3840	3969.99			
20	QPSK	1	1	18.27	18.30	18.14	19.2	0.0	
Channel									
Frequency (MHz)				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)	
				3707.52	3840	3972.48			
15	QPSK	1	1	18.17	18.20	18.12	19.2	0.0	
Channel									
Frequency (MHz)				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
				3705	3840	3975			
10	QPSK	1	1	18.27	18.24	18.22	19.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3499.98		3499.98		3499.98	
100	PI2 BPSK	1	1	18.44			19.3	0.0	
100	PI2 BPSK	1	137	18.51					
100	PI2 BPSK	1	271	18.51			19.3	0.0	
100	PI2 BPSK	135	0	18.44			19.3	0.0	
100	PI2 BPSK	135	69	18.44			19.3	0.0	
100	PI2 BPSK	135	136	18.38			19.3	0.0	
100	PI2 BPSK	270	0	18.45					
100	QPSK	1	1	18.52			19.3	0.0	
100	QPSK	1	137	18.27					
100	QPSK	1	271	18.42			19.3	0.0	
100	QPSK	135	0	18.38			19.3	0.0	
100	QPSK	135	69	18.44			19.3	0.0	
100	QPSK	135	136	18.40			19.3	0.0	
100	QPSK	270	0	18.38			19.3	0.0	
100	16QAM	1	1	18.51			19.3	0.0	
100	64QAM	1	1	18.38			19.3	0.0	
100	256QAM	1	1	18.38			19.3	0.0	
Channel									
Frequency (MHz)				63500 <th>63532<th>63566<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	63532 <th>63566<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	63566 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.39	18.49	18.43	19.3	0.0	
Channel				632668 <th>635332<th>634000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>634000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	634000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02 <th>3499.98<th>3510<th>19.3<td>0.0</td><td></td></th></th></th>	3499.98 <th>3510<th>19.3<td>0.0</td><td></td></th></th>	3510 <th>19.3<td>0.0</td><td></td></th>	19.3 <td>0.0</td> <td></td>	0.0	
80	QPSK	1	1	18.45	18.42	18.40	19.3	0.0	
Channel				632334 <th>635332<th>634332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>634332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	634332 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01 <th>3499.98<th>3514.98<th>19.3<td>0.0</td><td></td></th></th></th>	3499.98 <th>3514.98<th>19.3<td>0.0</td><td></td></th></th>	3514.98 <th>19.3<td>0.0</td><td></td></th>	19.3 <td>0.0</td> <td></td>	0.0	
70	QPSK	1	1	18.46	18.37	18.43	19.3	0.0	
Channel				632000 <th>635332<th>634668<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>634668<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	634668 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490 <th>3499.98<th>3519.98<td>19.3</td><td>0.0</td><td></td></th></th>	3499.98 <th>3519.98<td>19.3</td><td>0.0</td><td></td></th>	3519.98 <td>19.3</td> <td>0.0</td> <td></td>	19.3	0.0	
60	QPSK	1	1	18.43	18.37	18.46	19.3	0.0	
Channel				631668 <th>635332<th>635000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>635000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	635000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3472.02 <th>3499.98<th>3525<td>19.3</td><td>0.0</td><td></td></th></th>	3499.98 <th>3525<td>19.3</td><td>0.0</td><td></td></th>	3525 <td>19.3</td> <td>0.0</td> <td></td>	19.3	0.0	
50	QPSK	1	1	18.41	18.40	18.50	19.3	0.0	
Channel				631334 <th>635332<th>635332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>635332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	635332 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01 <th>3499.98<th>3529.98<td>19.3</td><td>0.0</td><td></td></th></th>	3499.98 <th>3529.98<td>19.3</td><td>0.0</td><td></td></th>	3529.98 <td>19.3</td> <td>0.0</td> <td></td>	19.3	0.0	
40	QPSK	1	1	18.42	18.49	18.43	19.3	0.0	
Channel				631100 <th>635332<th>635668<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>635668<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	635668 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495 <th>3499.98<th>3524.98<td>19.3</td><td>0.0</td><td></td></th></th>	3499.98 <th>3524.98<td>19.3</td><td>0.0</td><td></td></th>	3524.98 <td>19.3</td> <td>0.0</td> <td></td>	19.3	0.0	
30	QPSK	1	1	18.37	18.42	18.48	19.3	0.0	
Channel				630668 <th>635332<th>636000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>636000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	636000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02 <th>3499.98<th>3530<td>19.3</td><td>0.0</td><td></td></th></th>	3499.98 <th>3530<td>19.3</td><td>0.0</td><td></td></th>	3530 <td>19.3</td> <td>0.0</td> <td></td>	19.3	0.0	
29	QPSK	1	1	18.47	18.46	18.44	19.3	0.0	
Channel				630500 <th>635332<th>636166<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>636166<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	636166 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5 <th>3499.98<th>3542.49<td>19.3</td><td>0.0</td><td></td></th></th>	3499.98 <th>3542.49<td>19.3</td><td>0.0</td><td></td></th>	3542.49 <td>19.3</td> <td>0.0</td> <td></td>	19.3	0.0	
15	QPSK	1	1	18.51	18.51	18.44	19.3	0.0	
Channel				630334 <th>635332<th>636332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	635332 <th>636332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	636332 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01 <th>3499.98<th>3544.98<td>19.3</td><td>0.0</td><td></td></th></th>	3499.98 <th>3544.98<td>19.3</td><td>0.0</td><td></td></th>	3544.98 <td>19.3</td> <td>0.0</td> <td></td>	19.3	0.0	
10	QPSK	1	1	18.50	18.51	18.40	19.3	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	18.32	18.45	18.39		
100	PI2 BPSK	1	137	18.41	18.54	18.36	19.3	0.0
100	PI2 BPSK	1	271	18.31	18.44	18.36		
100	PI2 BPSK	135	0	18.39	18.52	18.35	19.3	0.0
100	PI2 BPSK	135	69	18.35	18.48	18.31	19.3	0.0
100	PI2 BPSK	135	138	18.33	18.46	18.40	19.3	0.0
100	PI2 BPSK	270	0	18.43	18.56	18.42		
100	QPSK	1	1	18.41	18.57	18.43		
100	QPSK	1	137	18.38	18.51	18.35	19.3	0.0
100	QPSK	1	271	18.38	18.49	18.32		
100	QPSK	135	0	18.37	18.50	18.32	19.3	0.0
100	QPSK	135	69	18.43	18.56	18.37	19.3	0.0
100	QPSK	135	138	18.33	18.46	18.22	19.3	0.0
100	QPSK	270	0	18.38	18.49	18.31		
100	16QAM	1	1	18.43	18.56	18.35	19.3	0.0
100	64QAM	1	1	18.31	18.44	18.41	19.3	0.0
100	256QAM	1	1	18.33	18.46	18.30	19.3	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.33	18.46	18.39	19.3	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.30	18.43	18.33	19.3	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.30	18.43	18.37	19.3	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.30	18.43	18.36	19.3	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.30	18.43	18.40	19.3	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.32	18.45	18.35	19.3	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.32	18.45	18.39	19.3	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.41	18.54	18.37	19.3	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.37	18.50	18.36	19.3	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.42	18.55	18.29	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1		18.44			
100	PI2 BPSK	1	137		18.51		19.3	0.0
100	PI2 BPSK	1	271		18.51			
100	PI2 BPSK	135	0		18.44		19.3	0.0
100	PI2 BPSK	135	69		18.45		19.3	0.0
100	PI2 BPSK	135	138		18.38		19.3	0.0
100	PI2 BPSK	270	0		18.45			
100	QPSK	1	1		18.52			
100	QPSK	1	137		18.37		19.3	0.0
100	QPSK	1	271		18.42			
100	QPSK	135	0		18.38		19.3	0.0
100	QPSK	135	69		18.44		19.3	0.0
100	QPSK	135	138		18.40		19.3	0.0
100	QPSK	270	0		18.35			
100	16QAM	1	1		18.51		19.3	0.0
100	64QAM	1	1		18.37		19.3	0.0
100	256QAM	1	1		18.38		19.3	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.39	18.49	18.43	19.3	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.45	18.42	18.40	19.3	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.40	18.37	18.43	19.3	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.43	18.37	18.46	19.3	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.41	18.48	18.50	19.3	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.42	18.49	18.43	19.3	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.37	18.42	18.48	19.3	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.47	18.46	18.44	19.3	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.51	18.51	18.44	19.3	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.50	18.51	18.40	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	18.32	18.45	18.39		
100	PI2 BPSK	1	137	18.41	18.54	18.36	19.3	0.0
100	PI2 BPSK	1	271	18.31	18.44	18.36		
100	PI2 BPSK	135	0	18.39	18.52	18.35	19.3	0.0
100	PI2 BPSK	135	69	18.35	18.48	18.31	19.3	0.0
100	PI2 BPSK	135	138	18.33	18.46	18.40	19.3	0.0
100	PI2 BPSK	270	0	18.43	18.56	18.42		
100	QPSK	1	1	18.41	18.57	18.43		
100	QPSK	1	137	18.38	18.51	18.35	19.3	0.0
100	QPSK	1	271	18.38	18.49	18.32		
100	QPSK	135	0	18.37	18.50	18.32	19.3	0.0
100	QPSK	135	69	18.43	18.56	18.37	19.3	0.0
100	QPSK	135	138	18.33	18.46	18.22	19.3	0.0
100	QPSK	270	0	18.38	18.49	18.31		
100	16QAM	1	1	18.43	18.56	18.35	19.3	0.0
100	64QAM	1	1	18.31	18.44	18.41	19.3	0.0
100	256QAM	1	1	18.33	18.46	18.30	19.3	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.33	18.46	18.39	19.3	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.30	18.43	18.33	19.3	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.30	18.43	18.37	19.3	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.30	18.43	18.36	19.3	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.30	18.43	18.40	19.3	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.32	18.45	18.35	19.3	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.32	18.45	18.39	19.3	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.41	18.54	18.37	19.3	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.37	18.50	18.36	19.3	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.42	18.55	18.29	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3499.98								
100	PI2 BPSK	1	1	15.94				
100	PI2 BPSK	1	137	15.91			16.5	0.0
100	PI2 BPSK	1	271	15.96				
100	PI2 BPSK	135	0	15.96			16.5	0.0
100	PI2 BPSK	135	69	16.00			16.5	0.0
100	PI2 BPSK	135	138	15.87			16.5	0.0
100	PI2 BPSK	270	0	15.88			16.5	0.0
100	QPSK	1	1	16.02				
100	QPSK	1	137	15.94			16.5	0.0
100	QPSK	1	271	15.99				
100	QPSK	135	0	15.91			16.5	0.0
100	QPSK	135	69	15.95			16.5	0.0
100	QPSK	135	138	15.92			16.5	0.0
100	QPSK	270	0	15.93			16.5	0.0
100	16QAM	1	1	15.92			16.5	0.0
100	64QAM	1	1	15.90			16.5	0.0
100	256QAM	1	1	16.01			16.5	0.0
Channel								
Frequency (MHz)								
3495 3499.98 3504.99								
90	QPSK	1	1	15.92	16.00	15.89	16.5	0.0
Channel								
Frequency (MHz)								
632000 633332 634000								
80	QPSK	1	1	16.01	15.96	15.88	16.5	0.0
Channel								
Frequency (MHz)								
632334 633332 634332								
70	QPSK	1	1	15.98	15.96	16.01	16.5	0.0
Channel								
Frequency (MHz)								
632000 633332 634668								
60	QPSK	1	1	15.90	15.90	15.91	16.5	0.0
Channel								
Frequency (MHz)								
631698 633332 635000								
50	QPSK	1	1	15.97	15.87	15.91	16.5	0.0
Channel								
Frequency (MHz)								
631334 633332 635332								
40	QPSK	1	1	15.93	16.01	15.87	16.5	0.0
Channel								
Frequency (MHz)								
631000 633332 635668								
30	QPSK	1	1	15.92	15.97	15.98	16.5	0.0
Channel								
Frequency (MHz)								
630500 633332 636000								
20	QPSK	1	1	15.94	15.99	15.90	16.5	0.0
Channel								
Frequency (MHz)								
630500 633332 636168								
15	QPSK	1	1	15.95	15.95	15.88	16.5	0.0
Channel								
Frequency (MHz)								
630334 633332 636332								
10	QPSK	1	1	15.91	15.93	15.96	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750 3840 3930								
100	PI2 BPSK	1	1	15.91	15.92	15.82		
100	PI2 BPSK	1	137	15.89	15.91	15.81	16.5	0.0
100	PI2 BPSK	1	271	15.79	16.01	15.83		
100	PI2 BPSK	135	0	15.81	15.89	15.88	16.5	0.0
100	PI2 BPSK	135	69	15.88	15.89	15.88	16.5	0.0
100	PI2 BPSK	135	138	15.85	15.96	15.90	16.5	0.0
100	PI2 BPSK	270	0	15.89	15.99	15.84	16.5	0.0
100	QPSK	1	1	15.94	16.04	15.95		
100	QPSK	1	137	15.89	15.91	15.95	16.5	0.0
100	QPSK	1	271	15.87	15.96	15.93		
100	QPSK	135	0	15.81	15.85	15.80	16.5	0.0
100	QPSK	135	69	15.92	15.96	15.96	16.5	0.0
100	QPSK	135	138	15.85	15.95	15.87	16.5	0.0
100	QPSK	270	0	15.88	15.97	15.82	16.5	0.0
100	16QAM	1	1	15.93	16.00	15.81	16.5	0.0
100	64QAM	1	1	15.93	15.95	15.86	16.5	0.0
100	256QAM	1	1	15.91	16.03	15.90	16.5	0.0
Channel								
Frequency (MHz)								
3745.02 3840 3934.98								
90	QPSK	1	1	15.89	15.93	15.92	16.5	0.0
Channel								
Frequency (MHz)								
649000 650000 650900								
80	QPSK	1	1	15.91	15.98	15.81	16.5	0.0
Channel								
Frequency (MHz)								
649000 650000 650900								
70	QPSK	1	1	15.84	15.90	15.90	16.5	0.0
Channel								
Frequency (MHz)								
648968 650000 650332								
60	QPSK	1	1	15.87	16.00	15.89	16.5	0.0
Channel								
Frequency (MHz)								
648334 650000 650960								
50	QPSK	1	1	15.86	15.99	15.88	16.5	0.0
Channel								
Frequency (MHz)								
648000 650000 650400								
40	QPSK	1	1	15.90	16.02	15.91	16.5	0.0
Channel								
Frequency (MHz)								
647668 650000 650332								
30	QPSK	1	1	15.93	16.00	15.82	16.5	0.0
Channel								
Frequency (MHz)								
647334 650000 650960								
20	QPSK	1	1	15.81	16.02	15.91	16.5	0.0
Channel								
Frequency (MHz)								
647168 650000 650432								
15	QPSK	1	1	15.82	15.89	15.86	16.5	0.0
Channel								
Frequency (MHz)								
647000 650000 650500								
10	QPSK	1	1	15.86	15.96	15.82	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3499.98								
100	PI2 BPSK	1	1	15.94				
100	PI2 BPSK	1	137	15.91			16.5	0.0
100	PI2 BPSK	1	271	15.96				
100	PI2 BPSK	135	0	15.96			16.5	0.0
100	PI2 BPSK	135	69	16.00			16.5	0.0
100	PI2 BPSK	135	138	15.87			16.5	0.0
100	PI2 BPSK	270	0	15.88			16.5	0.0
100	QPSK	1	1	16.02				
100	QPSK	1	137	15.94			16.5	0.0
100	QPSK	1	271	15.99				
100	QPSK	135	0	15.91			16.5	0.0
100	QPSK	135	69	15.95			16.5	0.0
100	QPSK	135	138	15.92			16.5	0.0
100	QPSK	270	0	15.93			16.5	0.0
100	16QAM	1	1	15.92			16.5	0.0
100	64QAM	1	1	15.90			16.5	0.0
100	256QAM	1	1	16.01			16.5	0.0
Channel								
Frequency (MHz)								
3495 3499.98 3504.99								
90	QPSK	1	1	15.92	16.00	15.89	16.5	
Channel								
Frequency (MHz)								
3490.02 3499.98 3510								
80	QPSK	1	1	16.01	15.96	15.88	16.5	0.0
Channel								
Frequency (MHz)								
3485.01 3499.98 3514.98								
70	QPSK	1	1	15.98	15.96	16.01	16.5	0.0
Channel								
Frequency (MHz)								
3480.00 3499.98 3509.99								
60	QPSK	1	1	15.90	15.90	15.91	16.5	0.0
Channel								
Frequency (MHz)								
3474.98 3499.98 3505.00								
50	QPSK	1	1	15.97	15.87	15.91	16.5	0.0
Channel								
Frequency (MHz)								
3470.01 3499.98 3509.98								
40	QPSK	1	1	15.93	16.01	15.87	16.5	0.0
Channel								
Frequency (MHz)								
3465.00 3499.98 3504.98								
30	QPSK	1	1	15.92	15.97	15.98	16.5	0.0
Channel								
Frequency (MHz)								
3460.02 3499.98 3504.99								
20	QPSK	1	1	15.94	15.90	15.90	16.5	0.0
Channel								
Frequency (MHz)								
3455.00 3499.98 3504.98								
15	QPSK	1	1	15.95	15.96	15.88	16.5	0.0
Channel								
Frequency (MHz)								
3450.01 3499.98 3504.98								
10	QPSK	1	1	15.91	15.93	15.96	16.5	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F./Res.	Power High Ch./F./Res.	Power High Ch./F./Res.	Tune-up limit (dbm)	MPR (db)	
Channel									
100	P2/ BPSK	1	1	15.90	15.92	15.82			
100	P2/ BPSK	1	137	15.89	15.91	15.81	16.5	0.0	
100	P2/ BPSK	1	271	15.79	16.01	15.83			
100	P2/ BPSK	135	0	15.81	15.89	15.88	16.5	0.0	
100	P2/ BPSK	135	69	15.98	15.89	15.98	16.5	0.0	
100	P2/ BPSK	135	138	15.85	15.96	15.90			
100	P2/ BPSK	270	0	15.98	15.99	15.84	16.5	0.0	
100	QPSK	1	1	15.84	16.04	15.86			
100	QPSK	1	137	15.89	15.91	15.85	16.5	0.0	
100	QPSK	1	271	15.87	15.96	15.93			
100	QPSK	135	0	15.81	15.85	15.80	16.5	0.0	
100	QPSK	135	69	15.92	15.96	15.88	16.5	0.0	
100	QPSK	135	138	15.85	15.93	15.87			
100	QPSK	270	0	15.98	15.97	15.82	16.5	0.0	
100	16QAM	1	1	15.93	16.00	15.81	16.5	0.0	
100	64QAM	1	1	15.93	15.95	15.86	16.5	0.0	
100	256QAM	1	1	15.91	16.03	15.90	16.5	0.0	
Channel									
Frequency (MHz)				3745.052	38400	3934.98	Tune-up limit (dbm)	MPR (db)	
90	QPSK	1	1	16.89	15.93	15.92	16.5	0.0	
Channel				649334	656000	662066	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				374201	38400	393199	Tune-up limit (dbm)	MPR (db)	
80	QPSK	1	1	15.91	15.99	15.81	16.5	0.0	
Channel				650000	656000	663000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3840	3945	Tune-up limit (dbm)	MPR (db)	
70	QPSK	1	1	15.84	15.90	15.90	16.5	0.0	
Channel				650000	656000	663000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3840	3949.98	Tune-up limit (dbm)	MPR (db)	
60	QPSK	1	1	15.87	16.00	15.89	16.5	0.0	
Channel				647334	656000	664666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3725.01	3840	3944.99	Tune-up limit (dbm)	MPR (db)	
50	QPSK	1	1	15.88	15.99	15.89	16.5	0.0	
Channel				648000	656000	664000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3840	3960	Tune-up limit (dbm)	MPR (db)	
40	QPSK	1	1	15.90	16.02	15.91	16.5	0.0	
Channel				647666	656000	664332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3840	3954.98	Tune-up limit (dbm)	MPR (db)	
30	QPSK	1	1	15.93	16.00	15.82	16.5	0.0	
Channel				647334	656000	664666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3840	3949.99	Tune-up limit (dbm)	MPR (db)	
20	QPSK	1	1	15.81	16.02	15.91	16.5	0.0	
Channel				647168	656000	664332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3707.52	3840	3972.48	Tune-up limit (dbm)	MPR (db)	
15	QPSK	1	1	15.82	15.89	15.86	16.5	0.0	
Channel				647000	656000	665000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3705	3840	3975	Tune-up limit (dbm)	MPR (db)	
10	QPSK	1	1	15.86	15.98	15.82	16.5	0.0	

Part27Q_n77_Ant 4						
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power High Ch / Freq.	Power High Ch / Freq.
	Channel					
	Frequency (MHz)					
100	PV2 BPSK	1	1	17.58	17.58	
100	PV2 BPSK	1	137	17.63		18.2 0.0
100	PV2 BPSK	1	271	17.67		
100	PV2 BPSK	135	0	17.67		18.2 0.0
100	PV2 BPSK	135	69	17.65		18.2 0.0
100	PV2 BPSK	135	138	17.64		18.2 0.0
100	PV2 BPSK	270	0	17.54		18.2 0.0
100	QPSK	1	1	17.68		
100	QPSK	1	137	17.64		18.2 0.0
100	QPSK	1	271	17.63		
100	QPSK	135	0	17.62		18.2 0.0
100	QPSK	135	69	17.63		18.2 0.0
100	QPSK	135	138	17.54		18.2 0.0
100	QPSK	270	0	17.54		18.2 0.0
100	16QAM	1	1	17.64		18.2 0.0
100	64QAM	1	1	17.58		18.2 0.0
100	256QAM	1	1	18.31		16.7 1.5
	Channel			63300	63332	63366
	Frequency (MHz)			3495	3499.98	3504.99
80	QPSK	1	1	17.54	17.54	17.59
	Channel			63366	63332	63400
	Frequency (MHz)			3494.02	3499.98	3510
80	QPSK	1	1	17.55	17.55	17.59
	Channel			63334	63332	63432
	Frequency (MHz)			3485.01	3499.98	3514.98
70	QPSK	1	1	17.62	17.60	17.61
	Channel			63300	63332	63399
	Frequency (MHz)			3480	3499.98	3515.99
60	QPSK	1	1	17.58	17.59	17.59
	Channel			63166	63332	63500
	Frequency (MHz)			3475.02	3499.98	3525
50	QPSK	1	1	17.64	17.62	17.66
	Channel			63134	63332	63532
	Frequency (MHz)			3470.01	3499.98	3526.98
40	QPSK	1	1	17.59	17.62	17.63
	Channel			63100	63332	63599
	Frequency (MHz)			3465	3499.98	3534.99
30	QPSK	1	1	17.67	17.56	17.63
	Channel			63066	63332	63600
	Frequency (MHz)			3460.02	3499.98	3540
20	QPSK	1	1	17.64	17.64	17.69
	Channel			63000	63332	63656
	Frequency (MHz)			3457.5	3499.98	3542.49
15	QPSK	1	1	17.68	17.58	17.64
	Channel			63034	63332	63682
	Frequency (MHz)			3455.01	3499.98	3544.98
10	QPSK	1	1	17.57	17.63	17.67
	Channel			63000	63332	63700
	Frequency (MHz)			3450	3499.98	3549.98

Part270_n77_Ant 4									
BW	MHz	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Low Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel					3750	3840	3930		
100	P12 BPSK	1	1		17.63	17.76	17.72		
100	P12 BPSK	1	137		17.60	17.73	17.63	18.2	0.0
100	P12 BPSK	1	271		17.61	17.74	17.63		
100	P12 BPSK	135	0		17.54	17.67	17.74		
100	P12 BPSK	135	65		17.65	17.78	17.73	18.2	0.0
100	P12 BPSK	135	136		17.67	17.80	17.66		
100	P12 BPSK	270	0		17.58	17.71	17.70	18.2	0.0
100	QPSK	1			17.71	17.84	17.77		
100	QPSK	1	137		17.80	17.93	17.62	18.2	0.0
100	QPSK	1	271		17.56	17.69	17.72		
100	QPSK	135	0		17.59	17.72	17.58	18.2	0.0
100	QPSK	135	69		17.56	17.69	17.70	18.2	0.0
100	QPSK	135	136		17.59	17.72	17.58	18.2	0.0
100	QPSK	270	0		17.54	17.67	17.67		
100	16QAM	1	1		17.62	17.75	17.71	18.2	0.0
100	64QAM	1	1		17.66	17.79	17.65	18.2	0.0
100	256QAM	1	1		15.64	15.71	15.76	18.7	1.5
Channel					665930	665930	665930	Tune-up limit (dBm)	MPR
Frequency (MHz)					3745.02	3840	3934.98		
90	QPSK	1	1		17.58	17.71	17.70	18.2	0.0
Channel					648334	666000	662666	Tune-up limit (dBm)	MPR
Frequency (MHz)					3700.01	3840	3939.99		
80	QPSK	1	1		17.68	17.70	17.74	18.2	0.0
Channel					659005	665900	663000	Tune-up limit (dBm)	MPR
Frequency (MHz)					3735	3840	3945		
70	QPSK	1	1		17.70	17.83	17.66	18.2	0.0
Channel					666669	665630	663333	Tune-up limit (dBm)	MPR
Frequency (MHz)					3730.02	3840	3939.98		
60	QPSK	1	1		17.66	17.79	17.70	18.2	0.0
Channel					648334	666000	663666	Tune-up limit (dBm)	MPR
Frequency (MHz)					3723.01	3770	3949.99		
50	QPSK	1	1		17.65	17.70	17.68	18.2	0.0
Channel					659005	665900	664000	Tune-up limit (dBm)	MPR
Frequency (MHz)					3720	3840	3960		
40	QPSK	1	1		17.58	17.71	17.74	18.2	0.0
Channel					667669	665000	664333	Tune-up limit (dBm)	MPR
Frequency (MHz)					3715.02	3840	3949.98		
30	QPSK	1	1		17.67	17.80	17.69	18.2	0.0
Channel					647334	666000	664666	Tune-up limit (dBm)	MPR
Frequency (MHz)					3700.01	3840	3969.99		
20	QPSK	1	1		17.58	17.71	17.72	18.2	0.0
Channel					647168	655000	654532	Tune-up limit (dBm)	MPR
Frequency (MHz)					3707.52	3840	3972.48		
15	QPSK	1	1		17.63	17.76	17.70	18.2	0.0
Channel					647000	656000	656000	Tune-up limit (dBm)	MPR
Frequency (MHz)					3705	3840	3975		
10	QPSK	1	1		17.59	17.72	17.75	18.2	0.0

Part27Q_n77_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	17.58	633332				
100	PI2 BPSK	1	137	17.63			18.2	0.0	
100	PI2 BPSK	1	271	17.67					
100	PI2 BPSK	135	0	17.67			18.2	0.0	
100	PI2 BPSK	135	69	17.55			18.2	0.0	
100	PI2 BPSK	135	138	17.64			18.2	0.0	
100	PI2 BPSK	270	0	17.54					
100	QPSK	1	1	17.59					
100	QPSK	1	137	17.59			18.2	0.0	
100	QPSK	1	271	17.63					
100	QPSK	135	0	17.62			18.2	0.0	
100	QPSK	135	69	17.65			18.2	0.0	
100	QPSK	135	138	17.54			18.2	0.0	
100	QPSK	270	0	17.62					
100	16QAM	1	1	17.64			18.2	0.0	
100	64QAM	1	1	17.58			18.2	0.0	
100	256QAM	1	1	16.31			16.7	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	17.54	17.54	17.59	18.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	17.55	17.54	17.66	18.2	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	17.62	17.60	17.61	18.2	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	17.58	17.59	17.59	18.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	17.64	17.62	17.66	18.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	17.59	17.62	17.63	18.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	17.67	17.56	17.63	18.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.64	17.56	17.58	18.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.68	17.58	17.64	18.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.57	17.63	17.67	18.2	0.0	

Part27O_n77_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	17.63	17.76	17.72			
100	PI2 BPSK	1	137	17.60	17.73	17.85	18.2	0.0	
100	PI2 BPSK	1	271	17.61	17.74	17.73			
100	PI2 BPSK	135	0	17.84	17.77	17.74	18.2	0.0	
100	PI2 BPSK	135	69	17.66	17.79	17.73	18.2	0.0	
100	PI2 BPSK	135	138	17.67	17.80	17.66	18.2	0.0	
100	PI2 BPSK	270	0	17.58	17.71	17.70			
100	QPSK	1	1	17.71	17.84	17.77			
100	QPSK	1	137	17.60	17.73	17.82	18.2	0.0	
100	QPSK	1	271	17.56	17.69	17.72			
100	QPSK	135	0	17.59	17.72	17.58	18.2	0.0	
100	QPSK	135	69	17.66	17.79	17.70	18.2	0.0	
100	QPSK	135	138	17.59	17.72	17.58	18.2	0.0	
100	QPSK	270	0	17.84	17.77	17.87			
100	16QAM	1	1	17.62	17.75	17.71	18.2	0.0	
100	64QAM	1	1	17.66	17.79	17.65	18.2	0.0	
100	256QAM	1	1	15.64	15.71	15.70	16.7	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	17.58	17.71	17.70	18.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	17.66	17.79	17.64	18.2	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	17.70	17.63	17.66	18.2	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	17.66	17.79	17.70	18.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	17.65	17.78	17.66	18.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	17.64	17.77	17.74	18.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	17.67	17.80	17.69	18.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.58	17.71	17.72	18.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.63	17.76	17.70	18.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.59	17.72	17.75	18.2	0.0	

Part27Q_n78_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	16.80	633332	3489.88			
100	PI2 BPSK	1	137	16.88			18.2	0.0	
100	PI2 BPSK	1	271	16.70					
100	PI2 BPSK	135	0	16.80			18.2	0.0	
100	PI2 BPSK	135	69	16.81			18.2	0.0	
100	PI2 BPSK	135	138	16.77			18.2	0.0	
100	PI2 BPSK	270	0	16.70					
100	QPSK	1	1	16.82					
100	QPSK	1	137	16.70			18.2	0.0	
100	QPSK	1	271	16.79					
100	QPSK	135	0	16.84			18.2	0.0	
100	QPSK	135	69	16.74			18.2	0.0	
100	QPSK	135	138	16.72			18.2	0.0	
100	QPSK	270	0	16.72					
100	16QAM	1	1	16.70			18.2	0.0	
100	64QAM	1	1	16.78			18.2	0.0	
100	256QAM	1	1	16.77			18.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.67	633332	3489.88	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.68	633332	3490.00	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.67	633332	3490.00	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	16.75	633332	3491.32	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.77	633332	3491.32	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.68	633332	3491.32	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.76	633332	3491.32	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.80	633332	3491.32	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.78	633332	3491.32	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.78	633332	3491.32	Tune-up limit (dBm)	MPR (dB)	

Part270_n78_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	PI2 BPSK	1	1	16.71				
100	PI2 BPSK	1	137	16.71			18.2	0.0
100	PI2 BPSK	1	271	16.71				
100	PI2 BPSK	135	0	16.68			18.2	0.0
100	PI2 BPSK	135	69	16.74			18.2	0.0
100	PI2 BPSK	135	138	16.60			18.2	0.0
100	PI2 BPSK	270	0	16.69				
100	QPSK	1	1	16.75				
100	QPSK	1	137	16.72			18.2	0.0
100	QPSK	1	271	16.72				
100	QPSK	135	0	16.63			18.2	0.0
100	QPSK	135	69	16.72			18.2	0.0
100	QPSK	135	138	16.65			18.2	0.0
100	QPSK	270	0	16.69				
100	16QAM	1	1	16.68			18.2	0.0
100	64QAM	1	1	16.63			18.2	0.0
100	256QAM	1	1	16.66			18.2	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.68	16.73	16.62	18.2	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.67	16.61	16.67	18.2	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	16.60	16.74	16.68	18.2	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.60	16.63	16.61	18.2	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.73	16.72	16.64	18.2	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.74	16.71	16.70	18.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.61	16.63	16.72	18.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.65	16.68	16.74	18.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	16.64	16.63	16.74	18.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	16.69	16.61	16.65	18.2	0.0

Part27Q_n78_Ant 9 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3499.98								
100	PI2 BPSK	1	1	16.80				
100	PI2 BPSK	1	137	16.68			18.2	0.0
100	PI2 BPSK	1	271	16.70				
100	PI2 BPSK	135	0	16.80			18.2	0.0
100	PI2 BPSK	135	69	16.81			18.2	0.0
100	PI2 BPSK	135	138	16.77			18.2	0.0
100	PI2 BPSK	270	0	16.70				
100	QPSK	1	1	16.82				
100	QPSK	1	137	16.70			18.2	0.0
100	QPSK	1	271	16.79				
100	QPSK	135	0	16.64			18.2	0.0
100	QPSK	135	69	16.74			18.2	0.0
100	QPSK	135	138	16.72			18.2	0.0
100	QPSK	270	0	16.72				
100	16QAM	1	1	16.70			18.2	0.0
100	64QAM	1	1	16.78			18.2	0.0
100	256QAM	1	1	16.77			18.2	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.67	16.76	16.74	18.2	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.80	16.72	16.68	18.2	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	16.67	16.79	16.80	18.2	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.75	16.81	16.81	18.2	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.77	16.80	16.75	18.2	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.69	16.80	16.80	18.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.76	16.76	16.76	18.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.80	16.72	16.68	18.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	16.73	16.71	16.69	18.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	16.78	16.70	16.74	18.2	0.0

Part270_n78_Ant 9 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	PI2 BPSK	1	1	16.71				
100	PI2 BPSK	1	137	16.71			18.2	0.0
100	PI2 BPSK	1	271	16.71				
100	PI2 BPSK	135	0	16.68			18.2	0.0
100	PI2 BPSK	135	69	16.74			18.2	0.0
100	PI2 BPSK	135	138	16.60			18.2	0.0
100	PI2 BPSK	270	0	16.69				
100	QPSK	1	1	16.75				
100	QPSK	1	137	16.72			18.2	0.0
100	QPSK	1	271	16.72				
100	QPSK	135	0	16.63			18.2	0.0
100	QPSK	135	69	16.72			18.2	0.0
100	QPSK	135	138	16.65			18.2	0.0
100	QPSK	270	0	16.69				
100	16QAM	1	1	16.68			18.2	0.0
100	64QAM	1	1	16.63			18.2	0.0
100	256QAM	1	1	16.66			18.2	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.68	16.73	16.62	18.2	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.67	16.61	16.67	18.2	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	16.60	16.74	16.68	18.2	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.60	16.63	16.61	18.2	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.73	16.72	16.64	18.2	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.74	16.71	16.70	18.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.61	16.63	16.72	18.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.65	16.68	16.74	18.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	16.64	16.63	16.74	18.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	16.69	16.61	16.65	18.2	0.0

Part27Q_n78_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	17.07				
100	PI2 BPSK	1	137	17.07			18.5	0.0
100	PI2 BPSK	1	271	17.07				
100	PI2 BPSK	135	0	17.15			18.5	0.0
100	PI2 BPSK	135	69	17.11			18.5	0.0
100	PI2 BPSK	135	138	17.20			18.5	0.0
100	PI2 BPSK	270	0	17.18				
100	QPSK	1	1	17.21				
100	QPSK	1	137	17.19			18.5	0.0
100	QPSK	1	271	17.07				
100	QPSK	135	0	17.18			18.5	0.0
100	QPSK	135	69	17.19			18.5	0.0
100	QPSK	135	138	17.15			18.5	0.0
100	QPSK	270	0	17.12				
100	16QAM	1	1	17.07			18.5	0.0
100	64QAM	1	1	17.17			18.5	0.0
100	256QAM	1	1	17.12			18.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	17.15	17.09	17.12	18.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.09	17.20	17.10	18.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	17.07	17.09	17.09	18.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.15	17.12	17.15	18.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.08	17.19	17.08	18.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	17.07	17.09	17.09	18.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.06	17.08	17.19	18.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.20	17.08	17.18	18.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	17.10	17.11	17.06	18.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	17.12	17.19	17.07	18.5	0.0

Part27Q_n78_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	17.07				
100	PI2 BPSK	1	137	17.08			18.5	0.0
100	PI2 BPSK	1	271	17.04				
100	PI2 BPSK	135	0	17.18			18.5	0.0
100	PI2 BPSK	135	69	17.11			18.5	0.0
100	PI2 BPSK	135	138	17.04			18.5	0.0
100	PI2 BPSK	270	0	17.06				
100	QPSK	1	1	17.19				
100	QPSK	1	137	17.13			18.5	0.0
100	QPSK	1	271	17.10				
100	QPSK	135	0	17.08			18.5	0.0
100	QPSK	135	69	17.15			18.5	0.0
100	QPSK	135	138	17.09			18.5	0.0
100	QPSK	270	0	17.12				
100	16QAM	1	1	17.17			18.5	0.0
100	64QAM	1	1	17.18			18.5	0.0
100	256QAM	1	1	17.04			18.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	17.12	17.07	17.12	18.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.09	17.07	17.04	18.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	17.13	17.12	17.15	18.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.09	17.15	17.11	18.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.08	17.18	17.06	18.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	17.11	17.12	17.14	18.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.17	17.08	17.05	18.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.17	17.09	17.06	18.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	17.07	17.15	17.08	18.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	17.08	17.12	17.11	18.5	0.0

Part27Q_n78_Ant 8 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	17.07				
100	PI2 BPSK	1	137	17.07			18.5	0.0
100	PI2 BPSK	1	271	17.07				
100	PI2 BPSK	135	0	17.15			18.5	0.0
100	PI2 BPSK	135	69	17.11			18.5	0.0
100	PI2 BPSK	135	138	17.20			18.5	0.0
100	PI2 BPSK	270	0	17.18				
100	QPSK	1	1	17.21				
100	QPSK	1	137	17.19			18.5	0.0
100	QPSK	1	271	17.07				
100	QPSK	135	0	17.18			18.5	0.0
100	QPSK	135	69	17.19			18.5	0.0
100	QPSK	135	138	17.15			18.5	0.0
100	QPSK	270	0	17.12				
100	16QAM	1	1	17.07			18.5	0.0
100	64QAM	1	1	17.17			18.5	0.0
100	256QAM	1	1	17.12			18.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	17.15	17.09	17.12	18.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.09	17.20	17.10	18.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	17.07	17.09	17.09	18.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.15	17.12	17.15	18.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.08	17.19	17.08	18.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	17.07	17.09	17.09	18.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.06	17.08	17.19	18.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.20	17.08	17.18	18.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	17.10	17.11	17.06	18.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	17.12	17.19	17.07	18.5	0.0

Part270_n78_Ant 8 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3750									
100	PI2 BPSK	1	1	17.07			18.5	0.0	
100	PI2 BPSK	1	137	17.08					
100	PI2 BPSK	1	271	17.04					
100	PI2 BPSK	135	0	17.18					
100	PI2 BPSK	135	69	17.11					
100	PI2 BPSK	135	138	17.04					
100	PI2 BPSK	270	0	17.06			18.5	0.0	
100	QPSK	1	1	17.19					
100	QPSK	1	137	17.13					
100	QPSK	1	271	17.10					
100	QPSK	135	0	17.08					
100	QPSK	135	69	17.15					
100	QPSK	135	138	17.00			18.5	0.0	
100	QPSK	270	0	17.12					
100	16QAM	1	1	17.17					
100	64QAM	1	1	17.18					
100	256QAM	1	1	17.04					
Channel									
Frequency (MHz)									
3745.02 3750 3754.98									
90	QPSK	1	1	17.12	17.07	17.12	18.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
80	QPSK	1	1	17.09	17.07	17.04	18.5	0.0	
Channel									
Frequency (MHz)									
3735 3750 3765									
70	QPSK	1	1	17.13	17.12	17.15	18.5	0.0	
Channel									
Frequency (MHz)									
3730.02 3750 3769.98									
60	QPSK	1	1	17.09	17.15	17.11	18.5	0.0	
Channel									
Frequency (MHz)									
3725.01 3750 3774.99									
50	QPSK	1	1	17.08	17.18	17.06	18.5	0.0	
Channel									
Frequency (MHz)									
3720 3750 3780									
40	QPSK	1	1	17.11	17.12	17.14	18.5	0.0	
Channel									
Frequency (MHz)									
3715.02 3750 3784.98									
30	QPSK	1	1	17.17	17.08	17.05	18.5	0.0	
Channel									
Frequency (MHz)									
3710.01 3750 3789.99									
20	QPSK	1	1	17.17	17.09	17.06	18.5	0.0	
Channel									
Frequency (MHz)									
3705 3750 3795									
15	QPSK	1	1	17.07	17.15	17.06	18.5	0.0	
Channel									
Frequency (MHz)									
3700 3750 3795									
10	QPSK	1	1	17.08	17.12	17.11	18.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3499.98									
100	PI2 BPSK	1	1	14.99					
100	PI2 BPSK	1	137	14.94			16.2		0.0
100	PI2 BPSK	1	271	14.96					
100	PI2 BPSK	135	0	14.93			16.2		0.0
100	PI2 BPSK	135	69	14.92			16.2		0.0
100	PI2 BPSK	135	138	15.02			16.2		0.0
100	PI2 BPSK	270	0	14.95					
100	QPSK	1	1	15.07					
100	QPSK	1	137	15.06			16.2		0.0
100	QPSK	1	271	15.06					
100	QPSK	135	0	14.98			16.2		0.0
100	QPSK	135	69	15.00			16.2		0.0
100	QPSK	135	138	14.93			16.2		0.0
100	QPSK	270	0	14.94					
100	16QAM	1	1	15.01			16.2		0.0
100	64QAM	1	1	14.94			16.2		0.0
100	256QAM	1	1	15.06			16.2		0.0
Channel									
Frequency (MHz)									
3495 3499.98 3504.98									
90	QPSK	1	1	14.95	15.04	14.93	16.2		0.0
Channel									
Frequency (MHz)									
3490.02 3499.98 3509									
80	QPSK	1	1	15.02	15.03	15.00	16.2		0.0
Channel									
Frequency (MHz)									
3485.01 3499.98 3514.98									
70	QPSK	1	1	15.06	15.05	15.01	16.2		0.0
Channel									
Frequency (MHz)									
3480 3499.98 3519.98									
60	QPSK	1	1	15.05	15.05	15.00	16.2		0.0
Channel									
Frequency (MHz)									
3475.02 3499.98 3525									
50	QPSK	1	1	15.03	15.02	15.06	16.2		0.0
Channel									
Frequency (MHz)									
3470.01 3499.98 3529.98									
40	QPSK	1	1	15.00	15.00	15.03	16.2		0.0
Channel									
Frequency (MHz)									
3465 3499.98 3534.98									
30	QPSK	1	1	14.92	15.06	14.99	16.2		0.0
Channel									
Frequency (MHz)									
3460.02 3499.98 3540									
20	QPSK	1	1	14.92	14.97	15.05	16.2		0.0
Channel									
Frequency (MHz)									
3455 3499.98 3544.98									
15	QPSK	1	1	14.92	14.98	15.02	16.2		0.0
Channel									
Frequency (MHz)									
3450.01 3499.98 3549.98									
10	QPSK	1	1	15.03	15.03	14.98	16.2		0.0

Part270_n78_Ant 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Max Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3750									
100	PI2 BPSK	1	1	14.94					
100	PI2 BPSK	1	137	14.90			16.2	0.0	
100	PI2 BPSK	1	271	14.99					
100	PI2 BPSK	135	0	15.00			16.2	0.0	
100	PI2 BPSK	135	69	15.01			16.2	0.0	
100	PI2 BPSK	135	138	14.98			16.2	0.0	
100	PI2 BPSK	270	0	14.91					
100	QPSK	1	1	15.05					
100	QPSK	1	137	14.98			16.2	0.0	
100	QPSK	1	271	15.02					
100	QPSK	135	0	14.98			16.2	0.0	
100	QPSK	135	69	15.00			16.2	0.0	
100	QPSK	135	138	14.93			16.2	0.0	
100	QPSK	270	0	14.95					
100	16QAM	1	1	15.03			16.2	0.0	
100	64QAM	1	1	14.96			16.2	0.0	
100	256QAM	1	1	14.90			16.2	0.0	
Channel									
Frequency (MHz)									
3745.02				649660	650000	650332	Tune-up limit	MPR	
90	QPSK	1	1	15.04	14.98	14.92	16.2	0.0	
Channel									
649334				650000	650666		Tune-up limit	MPR	
Frequency (MHz)									
3740.01				3750	3759.99		(dBm)	(dB)	
80	QPSK	1	1	15.00	15.02	14.98	16.2	0.0	
Channel									
949008				650000	650700		Tune-up limit	MPR	
Frequency (MHz)									
3735				3750	3756		(dBm)	(dB)	
70	QPSK	1	1	15.03	14.97	15.01	16.2	0.0	
Channel									
649668				650000	651332		Tune-up limit	MPR	
Frequency (MHz)									
3740.02				3750	3769.98		(dBm)	(dB)	
60	QPSK	1	1	14.96	14.99	14.91	16.2	0.0	
Channel									
648334				650000	651666		Tune-up limit	MPR	
Frequency (MHz)									
3725.01				3750	3774.99		(dBm)	(dB)	
50	QPSK	1	1	14.94	15.01	15.01	16.2	0.0	
Channel									
949008				650000	652000		Tune-up limit	MPR	
Frequency (MHz)									
3720				3750	3780		(dBm)	(dB)	
40	QPSK	1	1	14.94	14.93	14.96	16.2	0.0	
Channel									
947668				650000	652332		Tune-up limit	MPR	
Frequency (MHz)									
3715.02				3750	3794.98		(dBm)	(dB)	
30	QPSK	1	1	15.02	14.90	15.03	16.2	0.0	
Channel									
647334				650000	652666		Tune-up limit	MPR	
Frequency (MHz)									
3710.01				3750	3789.99		(dBm)	(dB)	
20	QPSK	1	1	14.96	14.90	14.91	16.2	0.0	
Channel									
947168				650000	652932		Tune-up limit	MPR	
Frequency (MHz)									
3707.52				3750	3792.48		(dBm)	(dB)	
15	QPSK	1	1	14.90	15.02	14.96	16.2	0.0	
Channel									
947000				650000	653000		Tune-up limit	MPR	
Frequency (MHz)									
3705				3750	3795		(dBm)	(dB)	
10	QPSK	1	1	15.02	15.02	15.00	16.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1		14.99			
100	PI2 BPSK	1	137		14.94		16.2	0.0
100	PI2 BPSK	1	271		14.96			
100	PI2 BPSK	135	0		14.93		16.2	0.0
100	PI2 BPSK	135	69		14.92		16.2	0.0
100	PI2 BPSK	135	138		15.02		16.2	0.0
100	PI2 BPSK	270	0		14.95			
100	QPSK	1	1		15.07			
100	QPSK	1	137		15.06		16.2	0.0
100	QPSK	1	271		15.06			
100	QPSK	135	0		14.98		16.2	0.0
100	QPSK	135	69		15.00		16.2	0.0
100	QPSK	135	138		14.99			
100	QPSK	270	0		14.94		16.2	0.0
100	16QAM	1	1		15.01		16.2	0.0
100	64QAM	1	1		14.94		16.2	0.0
100	256QAM	1	1		15.06		16.2	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	14.95	15.04	14.93	16.2	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.02	15.03	15.00	16.2	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	15.00	15.00	15.01	16.2	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	15.05	15.05	15.00	16.2	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	15.03	15.02	15.05	16.2	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	14.92	14.98	15.02	16.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	14.92	14.98	15.02	16.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.05	14.97	15.05	16.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	14.92	14.98	15.02	16.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	15.03	15.03	14.98	16.2	0.0

Part27Q_n78_Ant 10 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1		14.94			
100	PI2 BPSK	1	137		14.90		16.2	0.0
100	PI2 BPSK	1	271		14.99			
100	PI2 BPSK	135	0		15.00		16.2	0.0
100	PI2 BPSK	135	69		15.01		16.2	0.0
100	PI2 BPSK	135	138		14.98		16.2	0.0
100	PI2 BPSK	270	0		14.91			
100	QPSK	1	1		15.05			
100	QPSK	1	137		14.98		16.2	0.0
100	QPSK	1	271		15.02			
100	QPSK	135	0		14.98		16.2	0.0
100	QPSK	135	69		15.00		16.2	0.0
100	QPSK	135	138		14.95			
100	QPSK	270	0		14.95		16.2	0.0
100	16QAM	1	1		15.03		16.2	0.0
100	64QAM	1	1		14.96		16.2	0.0
100	256QAM	1	1		14.90		16.2	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.04	14.98	14.92	16.2	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.00	15.02	14.96	16.2	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	15.03	14.97	15.01	16.2	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	14.96	14.99	14.91	16.2	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	14.94	15.01	15.01	16.2	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	14.94	14.99	14.99	16.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.02	14.90	15.03	16.2	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	14.96	14.90	14.91	16.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	14.90	15.02	14.98	16.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	15.02	15.02	15.00	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1		17.81			
100	PI2 BPSK	1	137		17.72		19.0	0.0
100	PI2 BPSK	1	271		17.76			
100	PI2 BPSK	135	0		17.78		19.0	0.0
100	PI2 BPSK	135	69		17.79		19.0	0.0
100	PI2 BPSK	135	138		17.80		19.0	0.0
100	PI2 BPSK	270	0		17.69			
100	QPSK	1	1		17.82			
100	QPSK	1	137		17.74		19.0	0.0
100	QPSK	1	271		17.69			
100	QPSK	135	0		17.80		19.0	0.0
100	QPSK	135	69		17.81		19.0	0.0
100	QPSK	135	138		17.77			
100	QPSK	270	0		17.75		19.0	0.0
100	16QAM	1	1		17.76		19.0	0.0
100	64QAM	1	1		17.68		19.0	0.0
100	256QAM	1	1		17.70		18.5	0.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	17.68	17.76	17.68	19.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.79	17.76	17.76	19.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	17.70	17.72	17.68	19.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.72	17.81	17.67	19.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.74	17.70	17.78	19.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	17.74	17.70	17.69	19.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.78	17.71	17.68	19.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.79	17.73	17.77	19.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	17.72	17.75	17.79	19.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	17.77	17.71	17.73	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	PI2 BPSK	1	1	17.61				
100	PI2 BPSK	1	137	17.65			19.0	0.0
100	PI2 BPSK	1	271	17.51				
100	PI2 BPSK	135	0	17.53			19.0	0.0
100	PI2 BPSK	135	69	17.54			19.0	0.0
100	PI2 BPSK	135	138	17.60			19.0	0.0
100	PI2 BPSK	270	0	17.57			19.0	0.0
100	QPSK	1	1	17.66				
100	QPSK	1	137	17.53			19.0	0.0
100	QPSK	1	271	17.61				
100	QPSK	135	0	17.59			19.0	0.0
100	QPSK	135	69	17.61			19.0	0.0
100	QPSK	135	138	17.58			19.0	0.0
100	QPSK	270	0	17.60			19.0	0.0
100	16QAM	1	1	17.55			19.0	0.0
100	64QAM	1	1	17.54			19.0	0.0
100	256QAM	1	1	17.61			18.5	0.5
Channel								
Frequency (MHz)								
3745.02 3750 3754.98								
90	QPSK	1	1	17.52	17.64	17.64	19.0	0.0
Channel								
Frequency (MHz)								
3740.01 3750 3759.99								
80	QPSK	1	1	17.58	17.55	17.51	19.0	0.0
Channel								
Frequency (MHz)								
3735 3750 3765								
70	QPSK	1	1	17.64	17.50	17.51	19.0	0.0
Channel								
Frequency (MHz)								
3730.02 3750 3769.98								
60	QPSK	1	1	17.60	17.52	17.62	19.0	0.0
Channel								
Frequency (MHz)								
3725.01 3750 3774.99								
50	QPSK	1	1	17.63	17.52	17.56	19.0	0.0
Channel								
Frequency (MHz)								
3720 3750 3760								
40	QPSK	1	1	17.53	17.57	17.61	19.0	0.0
Channel								
Frequency (MHz)								
3715.02 3750 3764.98								
30	QPSK	1	1	17.58	17.63	17.55	19.0	0.0
Channel								
Frequency (MHz)								
3710.01 3750 3769.99								
20	QPSK	1	1	17.54	17.55	17.61	19.0	0.0
Channel								
Frequency (MHz)								
3707.52 3750 3762.48								
15	QPSK	1	1	17.55	17.59	17.55	19.0	0.0
Channel								
Frequency (MHz)								
3705 3750 3795								
10	QPSK	1	1	17.64	17.60	17.55	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3499.98								
100	PI2 BPSK	1	1	17.81				
100	PI2 BPSK	1	137	17.72			19.0	0.0
100	PI2 BPSK	1	271	17.80				
100	PI2 BPSK	135	0	17.78			19.0	0.0
100	PI2 BPSK	135	69	17.79			19.0	0.0
100	PI2 BPSK	135	138	17.80			19.0	0.0
100	PI2 BPSK	270	0	17.89			19.0	0.0
100	QPSK	1	1	17.82				
100	QPSK	1	137	17.74			19.0	0.0
100	QPSK	1	271	17.89				
100	QPSK	135	0	17.80			19.0	0.0
100	QPSK	135	69	17.81			19.0	0.0
100	QPSK	135	138	17.77			19.0	0.0
100	QPSK	270	0	17.79			19.0	0.0
100	16QAM	1	1	17.76			19.0	0.0
100	64QAM	1	1	17.88			19.0	0.0
100	256QAM	1	1	17.78			18.5	0.5
Channel								
Frequency (MHz)								
3495 3499.98 3504.99								
90	QPSK	1	1	17.68	17.78	17.68	19.0	0.0
Channel								
Frequency (MHz)								
3490.02 3499.98 3509.99								
80	QPSK	1	1	17.79	17.76	17.76	19.0	0.0
Channel								
Frequency (MHz)								
3485.01 3499.98 3514.98								
70	QPSK	1	1	17.70	17.73	17.69	19.0	0.0
Channel								
Frequency (MHz)								
3480 3499.98 3519.99								
60	QPSK	1	1	17.72	17.81	17.67	19.0	0.0
Channel								
Frequency (MHz)								
3475.02 3499.98 3509.99								
50	QPSK	1	1	17.74	17.70	17.78	19.0	0.0
Channel								
Frequency (MHz)								
3470.01 3499.98 3509.98								
40	QPSK	1	1	17.74	17.70	17.69	19.0	0.0
Channel								
Frequency (MHz)								
3465 3499.98 3514.99								
30	QPSK	1	1	17.78	17.71	17.68	19.0	0.0
Channel								
Frequency (MHz)								
3460.02 3499.98 3509.99								
20	QPSK	1	1	17.79	17.73	17.77	19.0	0.0
Channel								
Frequency (MHz)								
3457.5 3499.98 3502.49								
15	QPSK	1	1	17.72	17.76	17.70	19.0	0.0
Channel								
Frequency (MHz)								
3455.01 3499.98 3504.98								
10	QPSK	1	1	17.77	17.71	17.73	19.0	0.0

Part270_n78_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
37500								
100	PI2 BPSK	1	1	17.61				
100	PI2 BPSK	1	137	17.65			19.0	0.0
100	PI2 BPSK	1	271	17.51				
100	PI2 BPSK	135	0	17.53			19.0	0.0
100	PI2 BPSK	135	69	17.54			19.0	0.0
100	PI2 BPSK	135	138	17.60			19.0	0.0
100	PI2 BPSK	270	0	17.57			19.0	0.0
100	QPSK	1	1	17.66				
100	QPSK	1	137	17.53			19.0	0.0
100	QPSK	1	271	17.61				
100	QPSK	135	0	17.59			19.0	0.0
100	QPSK	135	69	17.61			19.0	0.0
100	QPSK	135	138	17.58			19.0	0.0
100	QPSK	270	0	17.60			19.0	0.0
100	16QAM	1	1	17.55			19.0	0.0
100	64QAM	1	1	17.54			18.5	0.5
100	256QAM	1	1	17.61			18.5	0.5
Channel								
Frequency (MHz)								
3745.02 3750 3754.98								
90	QPSK	1	1	17.52	17.64	17.64	19.0	0.0
Channel								
Frequency (MHz)								
3740.01 3750 3759.99								
80	QPSK	1	1	17.52	17.55	17.51	19.0	0.0
Channel								
Frequency (MHz)								
3735.0 3750 3765								
70	QPSK	1	1	17.64	17.55	17.51	19.0	0.0
Channel								
Frequency (MHz)								
3740.01 3750 3759.99								
60	QPSK	1	1	17.60	17.52	17.62	19.0	0.0
Channel								
Frequency (MHz)								
3725.01 3750 3774.98								
50	QPSK	1	1	17.63	17.52	17.58	19.0	0.0
Channel								
Frequency (MHz)								
3730.0 3750 3770								
40	QPSK	1	1	17.53	17.57	17.61	19.0	0.0
Channel								
Frequency (MHz)								
3745.02 3750 3754.98								
30	QPSK	1	1	17.58	17.63	17.55	19.0	0.0
Channel								
Frequency (MHz)								
3740.01 3750 3759.99								
20	QPSK	1	1	17.54	17.58	17.61	19.0	0.0
Channel								
Frequency (MHz)								
3707.52 3750 3792.48								
15	QPSK	1	1	17.55	17.59	17.55	19.0	0.0
Channel								
Frequency (MHz)								
3745.02 3750 3754.98								
10	QPSK	1	1	17.61	17.59	17.55	19.0	0.0

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1850	1880	1900	18.2	0.0
Frequency (MHz)				1850	1880	1900		
20	PI/2 BPSK	1	1	16.83	16.98	16.84	18.2	0.0
20	PI/2 BPSK	1	53	16.82	17.02	16.94		
20	PI/2 BPSK	1	104	16.83	16.99	16.83	18.2	0.0
20	PI/2 BPSK	50	0	16.85	16.95	16.89		
20	PI/2 BPSK	50	28	16.83	17.03	16.87	18.2	0.0
20	PI/2 BPSK	50	56	16.85	16.93	16.97		
20	PI/2 BPSK	100	0	16.89	17.07	16.94	18.2	0.0
20	QPSK	1	1	16.97	17.26	16.98		
20	QPSK	1	53	16.88	17.03	16.89	18.2	0.0
20	QPSK	1	104	16.92	16.97	16.92		
20	QPSK	50	0	16.91	16.98	16.81	18.2	0.0
20	QPSK	50	28	16.84	17.04	16.92		
20	QPSK	50	56	16.90	16.96	16.86	18.2	0.0
20	QPSK	100	0	16.87	17.01	16.90		
20	16QAM	1	1	16.96	16.95	16.87	18.2	0.0
20	64QAM	1	1	16.86	17.05	16.84		
20	256QAM	1	1	16.93	17.30	16.96	18.2	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	18.2	0.0
15	QPSK	1	1	16.93	16.97	16.92		
Channel				371000	376000	381000	18.2	0.0
Frequency (MHz)				1865	1880	1895		
10	QPSK	1	1	16.88	17.01	16.87	18.2	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	18.2	0.0
5	QPSK	1	1	16.88	16.98	16.83		

Reduced Power Mode for DSI 5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1850	1880	1900	18.7	0.0
Frequency (MHz)				1850	1880	1900		
20	PI/2 BPSK	1	1	17.44	17.46	17.46	18.7	0.0
20	PI/2 BPSK	1	53	17.38	17.53	17.36		
20	PI/2 BPSK	1	104	17.38	17.48	17.38	18.7	0.0
20	PI/2 BPSK	50	0	17.44	17.52	17.48		
20	PI/2 BPSK	50	28	17.48	17.45	17.37	18.7	0.0
20	PI/2 BPSK	50	56	17.43	17.53	17.43		
20	PI/2 BPSK	100	0	17.50	17.55	17.47	18.7	0.0
20	QPSK	1	1	17.51	17.26	17.46		
20	QPSK	1	53	17.49	17.45	17.36	18.7	0.0
20	QPSK	1	104	17.39	17.52	17.48		
20	QPSK	50	0	17.39	17.40	17.41	18.7	0.0
20	QPSK	50	28	17.43	17.49	17.44		
20	QPSK	50	56	17.30	17.45	17.35	18.7	0.0
20	QPSK	100	0	17.38	17.44	17.43		
20	16QAM	1	1	17.41	17.43	17.41	18.7	0.0
20	64QAM	1	1	17.36	17.50	17.41		
20	256QAM	1	1	17.49	17.44	17.47	18.7	0.0
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	18.7	0.0
15	QPSK	1	1	17.39	17.52	17.40		
Channel				371000	376000	381000	18.7	0.0
Frequency (MHz)				1865	1880	1895		
10	QPSK	1	1	17.47	17.45	17.38	18.7	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	18.7	0.0
5	QPSK	1	1	17.38	17.45	17.42		

n2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1850	1880	1900	23.2	0.0
Frequency (MHz)				1850	1880	1900		
20	PI/2 BPSK	1	1	22.00	22.02	22.09	23.2	0.0
20	PI/2 BPSK	1	53	22.03	22.10	22.10		
20	PI/2 BPSK	1	104	22.03	22.04	21.98	23.2	0.0
20	PI/2 BPSK	50	0	22.06	21.99	22.10		
20	PI/2 BPSK	50	28	22.08	22.01	21.97	23.2	0.0
20	PI/2 BPSK	50	56	22.09	22.08	22.04		
20	PI/2 BPSK	100	0	21.98	22.07	22.06	23.2	0.0
20	QPSK	1	1	22.10	22.14	22.10		
20	QPSK	1	53	22.04	22.02	22.04	23.2	0.0
20	QPSK	1	104	22.05	22.10	21.97		
20	QPSK	50	0	21.93	22.03	22.06	23.2	0.0
20	QPSK	50	28	22.07	22.11	22.07		
20	QPSK	50	56	21.97	22.02	21.96	23.2	0.0
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	1	22.05	22.01	22.04	23.2	0.0
20	64QAM	1	1	21.51	21.53	21.38		
20	256QAM	1	1	19.41	19.48	19.37	23.7	2.5
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	23.2	0.0
15	QPSK	1	1	22.01	22.10	21.98		
Channel				371000	376000	381000	23.2	0.0
Frequency (MHz)				1865	1880	1895		
10	QPSK	1	1	22.00	22.00	22.02	23.2	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1907.5	23.2	0.0
5	QPSK	1	1	22.04	22.06	21.98		

n2_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 372000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 380000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	PV2 BPSK	1	1	16.85	16.91	16.73	17.7	0.0			
20	PV2 BPSK	1	53	16.83	16.89	16.69					
20	PV2 BPSK	1	104	16.90	16.85	16.75					
20	PV2 BPSK	50	0	16.78	16.86	16.80					
20	PV2 BPSK	50	28	16.86	16.90	16.73	17.7	0.0			
20	PV2 BPSK	50	56	16.82	16.84	16.72	17.7	0.0			
20	PV2 BPSK	100	0	16.78	16.90	16.77					
20	QPSK	1	1	16.93	16.94	16.94					
20	QPSK	1	53	16.79	16.88	16.80					
20	QPSK	1	104	16.85	16.86	16.69	17.7	0.0			
20	QPSK	50	0	16.85	16.77	16.72					
20	QPSK	50	28	16.85	16.92	16.76					
20	QPSK	50	56	16.82	16.91	16.68					
20	QPSK	100	0	16.83	16.87	16.68	17.7	0.0			
20	16QAM	1	1	16.88	16.85	16.83	17.7	0.0			
20	64QAM	1	1	16.81	16.86	16.77	17.7	0.0			
20	256QAM	1	1	16.86	16.93	16.77	17.7	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	16.79	16.82	16.83	17.7	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	16.84	16.86	16.81	17.7	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	16.91	16.92	16.90	17.7	0.0			

n5_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq. 166800	Power Mid Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	Pi2 BPSK	1	1	23.68	23.71	23.64	25.2	0.0				
20	Pi2 BPSK	1	53	23.64	23.67	23.64						
20	Pi2 BPSK	1	104	23.58	23.64	23.62						
20	Pi2 BPSK	50	0	23.06	23.15	23.06						
20	Pi2 BPSK	50	28	23.54	23.69	23.57	25.2	0.0				
20	Pi2 BPSK	50	56	23.11	23.13	23.11	24.7	0.5				
20	Pi2 BPSK	100	0	23.07	23.20	23.14	25.2	0.0				
20	QPSK	1	1	24.25	24.37	24.31						
20	QPSK	1	53	23.98	24.10	23.95						
20	QPSK	1	104	23.94	24.06	24.03						
20	QPSK	50	0	23.03	23.18	23.14	24.2	1.0				
20	QPSK	50	28	24.07	24.10	24.06	25.2	0.0				
20	QPSK	50	56	23.05	23.14	23.09	24.2	1.0				
20	QPSK	100	0	23.09	23.14	23.00	24.2	1.0				
20	16QAM	1	1	23.10	23.14	23.01						
20	64QAM	1	1	21.57	21.82	21.47						
20	256QAM	1	1	19.46	19.61	19.47						
Channel												
Frequency (MHz)												
15	QPSK	1	1	24.13	24.22	24.17	25.2	0.0				
Channel												
Frequency (MHz)												
10	QPSK	1	1	24.19	24.24	24.30	25.2	0.0				
Channel												
Frequency (MHz)												
5	QPSK	1	1	24.18	24.25	24.26	25.2	0.0				

n5_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	PV2 BPSK	1	1	22.80	22.84	22.81	24.3	0.0				
20	PV2 BPSK	1	53	22.81	22.85	22.82						
20	PV2 BPSK	1	104	22.63	22.71	22.64						
20	PV2 BPSK	50	0	22.29	22.33	22.25						
20	PV2 BPSK	50	28	22.74	22.81	22.78	24.3	0.5				
20	PV2 BPSK	50	56	22.22	22.28	22.27	23.8	0.5				
20	PV2 BPSK	100	0	22.23	22.25	22.28						
20	QPSK	1	1	23.26	23.34	23.23						
20	QPSK	1	53	23.12	23.21	23.18						
20	QPSK	1	104	23.20	23.26	23.21	24.3	1.0				
20	QPSK	50	0	22.13	22.26	22.18						
20	QPSK	50	28	23.20	23.31	23.20						
20	QPSK	50	56	22.15	22.25	22.22						
20	QPSK	100	0	22.14	22.23	22.15	23.3	1.0				
20	16QAM	1	1	22.25	22.28	22.22						
20	64QAM	1	1	20.70	20.75	20.70						
20	256QAM	1	1	18.64	18.72	18.63						
Channel												
Frequency (MHz)												
15	QPSK	1	1	23.12	23.26	23.16	24.3	0.0				
Channel												
Frequency (MHz)												
10	QPSK	1	1	23.18	23.22	23.10	24.3	0.0				
Channel												
Frequency (MHz)												
5	QPSK	1	1	23.13	23.29	23.19	24.3	0.0				

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)
Channel				2520	2535	2550		
Frequency (MHz)								
40	PI/2 BPSK	1	1	16.52	16.65	16.55		
40	PI/2 BPSK	1	108	16.50	16.58	16.50	17.7	0.0
40	PI/2 BPSK	1	214	16.52	16.55	16.57		
40	PI/2 BPSK	108	0	16.53	16.64	16.50	17.7	0.0
40	PI/2 BPSK	108	54	16.53	16.66	16.54	17.7	0.0
40	PI/2 BPSK	108	108	16.44	16.57	16.46	17.7	0.0
40	PI/2 BPSK	216	0	16.51	16.53	16.58		
40	QPSK	1	1	16.53	16.67	16.59		
40	QPSK	1	108	16.45	16.59	16.53	17.7	0.0
40	QPSK	1	214	16.57	16.54	16.58		
40	QPSK	108	0	16.40	16.54	16.48	17.7	0.0
40	QPSK	108	54	16.54	16.62	16.51	17.7	0.0
40	QPSK	108	108	16.48	16.49	16.45	17.7	0.0
40	QPSK	216	0	16.49	16.55	16.46		
40	16QAM	1	1	16.55	16.65	16.50	17.7	0.0
40	64QAM	1	1	16.45	16.60	16.48	17.7	0.0
40	256QAM	1	1	16.48	16.59	16.57	17.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.48	16.54	16.56	17.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.53	16.63	16.46	17.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.56	16.55	16.51	17.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.48	16.55	16.51	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.51	16.59	16.47	17.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.52	16.59	16.47	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)
Channel				2520	2535	2550		
Frequency (MHz)								
40	PI/2 BPSK	1	1	17.01	16.99	16.98		
40	PI/2 BPSK	1	108	16.89	16.99	16.96	17.7	0.0
40	PI/2 BPSK	1	214	16.93	16.91	16.84		
40	PI/2 BPSK	108	0	16.96	16.96	16.97	17.7	0.0
40	PI/2 BPSK	108	54	16.90	17.04	16.98	17.7	0.0
40	PI/2 BPSK	108	108	16.89	16.95	16.85	17.7	0.0
40	PI/2 BPSK	216	0	17.00	16.96	16.89		
40	QPSK	1	1	17.02	17.08	16.99		
40	QPSK	1	108	16.92	16.92	16.91	17.7	0.0
40	QPSK	1	214	16.93	16.98	16.86		
40	QPSK	108	0	16.93	16.94	16.80	17.7	0.0
40	QPSK	108	54	16.95	17.04	16.91	17.7	0.0
40	QPSK	108	108	16.86	16.99	16.76	17.7	0.0
40	QPSK	216	0	16.94	16.99	16.84		
40	16QAM	1	1	16.95	17.05	16.95	17.7	0.0
40	64QAM	1	1	17.00	17.02	16.97	17.7	0.0
40	256QAM	1	1	16.91	17.00	16.91	17.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.96	16.94	16.91	17.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.92	16.94	16.92	17.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.90	17.04	16.94	17.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.97	17.03	16.93	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.90	16.94	16.90	17.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.90	16.93	16.95	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Mid Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)
Channel				2520	2535	2550		
Frequency (MHz)								
40	PI/2 BPSK	1	1	16.71	16.92	16.92		
40	PI/2 BPSK	1	108	16.72	16.85	16.89	19.7	0.0
40	PI/2 BPSK	1	214	16.70	16.84	16.92		
40	PI/2 BPSK	108	0	16.76	16.90	16.92	19.7	0.0
40	PI/2 BPSK	108	54	16.76	16.86	16.92	19.7	0.0
40	PI/2 BPSK	108	108	16.76	16.86	16.91	19.7	0.0
40	PI/2 BPSK	216	0	16.69	16.87	16.85		
40	QPSK	1	1	16.83	16.99	16.96		
40	QPSK	1	108	16.81	16.95	16.81	19.7	0.0
40	QPSK	1	214	16.80	16.97	16.94		
40	QPSK	108	0	16.77	16.91	16.83	19.7	0.0
40	QPSK	108	54	16.82	16.95	16.91	19.7	0.0
40	QPSK	108	108	16.68	16.88	16.87	19.7	0.0
40	QPSK	216	0	16.74	16.89	16.84		
40	16QAM	1	1	16.79	16.90	16.91	19.7	0.0
40	64QAM	1	1	16.76	16.87	16.94	19.7	0.0
40	256QAM	1	1	16.72	16.93	16.93	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.77	16.90	16.94	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.70	16.92	16.93	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.70	16.94	16.90	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.81	16.87	16.83	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.70	16.94	16.84	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.74	16.98	16.95	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR	
Channel				504000	507000	510000	(dBm)	(dB)	
Frequency (MHz)				2520	2535	2550			
40	Pl/2 BPSK	1	1	15.75	15.79	15.75	16.5	0.0	
40	Pl/2 BPSK	1	108	15.75	15.77	15.73			
40	Pl/2 BPSK	1	214	15.64	15.79	15.75			
40	Pl/2 BPSK	108	0	15.75	15.81	15.78			
40	Pl/2 BPSK	108	54	15.72	15.79	15.71	16.5	0.0	
40	Pl/2 BPSK	108	108	15.76	15.76	15.71	16.5	0.0	
40	Pl/2 BPSK	216	0	15.67	15.78	15.76	16.5	0.0	
40	QPSK	1	1	15.77	15.84	15.81			
40	QPSK	1	108	15.67	15.83	15.66			
40	QPSK	1	214	15.65	15.82	15.69			
40	QPSK	108	0	15.66	15.78	15.66	16.5	0.0	
40	QPSK	108	54	15.75	15.83	15.75	16.5	0.0	
40	QPSK	108	108	15.63	15.77	15.70	16.5	0.0	
40	QPSK	216	0	15.71	15.79	15.71	16.5	0.0	
40	16QAM	1	1	15.76	15.78	15.71	16.5	0.0	
40	64QAM	1	1	15.74	15.72	15.66	16.5	0.0	
40	256QAM	1	1	15.67	15.69	15.77	16.5	0.0	
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2515 <th>2535<th>2555<th>(dBm)</th><th colspan="2">(dB)</th></th></th>	2535 <th>2555<th>(dBm)</th><th colspan="2">(dB)</th></th>	2555 <th>(dBm)</th> <th colspan="2">(dB)</th>	(dBm)	(dB)	
30	QPSK	1	1	15.74	15.69	15.76	16.5	0.0	
Channel				502500	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5 <th>2535<th>2557.5<th>(dBm)</th><th colspan="2">(dB)</th></th></th>	2535 <th>2557.5<th>(dBm)</th><th colspan="2">(dB)</th></th>	2557.5 <th>(dBm)</th> <th colspan="2">(dB)</th>	(dBm)	(dB)	
25	QPSK	1	1	15.76	15.81	15.78	16.5	0.0	
Channel				502000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510 <th>2535<th>2560</th><th>(dBm)</th><th colspan="2">(dB)</th></th>	2535 <th>2560</th> <th>(dBm)</th> <th colspan="2">(dB)</th>	2560	(dBm)	(dB)	
20	QPSK	1	1	15.75	15.77	15.72	16.5	0.0	
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5 <th>2535<th>2562.5<th>(dBm)</th><th colspan="2">(dB)</th></th></th>	2535 <th>2562.5<th>(dBm)</th><th colspan="2">(dB)</th></th>	2562.5 <th>(dBm)</th> <th colspan="2">(dB)</th>	(dBm)	(dB)	
15	QPSK	1	1	15.63	15.69	15.70	16.5	0.0	
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505 <th>2535<th>2565<th>(dBm)</th><th colspan="2">(dB)</th></th></th>	2535 <th>2565<th>(dBm)</th><th colspan="2">(dB)</th></th>	2565 <th>(dBm)</th> <th colspan="2">(dB)</th>	(dBm)	(dB)	
10	QPSK	1	1	15.69	15.78	15.71	16.5	0.0	
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5 <th>2535<th>2567.5<th>(dBm)</th><th colspan="2">(dB)</th></th></th>	2535 <th>2567.5<th>(dBm)</th><th colspan="2">(dB)</th></th>	2567.5 <th>(dBm)</th> <th colspan="2">(dB)</th>	(dBm)	(dB)	
5	QPSK	1	1	15.67	15.74	15.69	16.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141150	141500	141700			
Frequency (MHz)				704.5	707.5	708.5			
15	Pl/2 BPSK	1	1	23.89	23.92	23.81	24.7	0.0	
15	Pl/2 BPSK	1	40	23.78	23.82	23.88			
15	Pl/2 BPSK	1	77	23.87	23.90	23.77			
15	Pl/2 BPSK	36	0	23.30	23.36	23.30			
15	Pl/2 BPSK	36	22	23.85	23.91	23.86	24.7	0.0	
15	Pl/2 BPSK	36	43	23.21	23.35	23.28	24.2	0.5	
15	Pl/2 BPSK	75	0	23.23	23.37	23.36	24.7	0.0	
15	QPSK	1	1	24.08	24.12	23.98			
15	QPSK	1	40	23.58	23.71	23.69			
15	QPSK	1	77	23.76	23.88	23.73			
15	QPSK	36	0	22.68	22.80	22.69	23.7	1.0	
15	QPSK	36	22	23.75	23.82	23.69	24.7	0.0	
15	QPSK	36	43	22.71	22.84	22.73	23.7	1.0	
15	QPSK	75	0	22.72	22.85	22.78	23.7	1.0	
15	16QAM	1	1	22.83	22.92	22.84			
15	64QAM	1	1	21.36	21.44	21.43			
15	256QAM	1	1	19.27	19.36	19.34			
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.99	23.97	23.89	24.7	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	24.01	23.98	23.89	24.7	0.0	

n12_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141000	141500	141700			
Frequency (MHz)				707.5	707.5	708.5			
15	Pl/2 BPSK	1	1	23.04	23.07	23.04	23.8	0.0	
15	Pl/2 BPSK	1	40	22.84	22.96	22.92			
15	Pl/2 BPSK	1	77	22.94	23.04	22.91			
15	Pl/2 BPSK	36	0	22.38	22.52	22.43			
15	Pl/2 BPSK	36	22	22.95	23.01	22.96	23.8	0.0	
15	Pl/2 BPSK	36	43	22.31	22.44	22.31	23.3	0.5	
15	Pl/2 BPSK	75	0	22.33	22.46	22.42	23.8	0.0	
15	QPSK	1	1	22.95	23.09	23.03			
15	QPSK	1	40	22.82	22.88	22.74			
15	QPSK	1	77	22.81	22.94	22.88			
15	QPSK	36	0	21.90	22.04	22.01	22.8	1.0	
15	QPSK	36	22	22.80	22.89	22.83	23.8	0.0	
15	QPSK	36	43	21.88	21.89	21.85	22.8	1.0	
15	QPSK	75	0	21.91	21.96	21.90	22.8	1.0	
15	16QAM	1	1	21.89	21.94	21.86			
15	64QAM	1	1	20.49	20.51	20.38			
15	256QAM	1	1	18.35	18.44	18.38			
Channel				140300	141000	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	22.89	23.00	22.99	23.8	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	22.82	22.99	22.97	23.8	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				765				
Frequency (MHz)				765				
10	PI/2 BPSK	1	1		23.79			
10	PI/2 BPSK	1	26		23.75		25.2	0.0
10	PI/2 BPSK	1	50		23.76			
10	PI/2 BPSK	25	0		23.15		24.7	0.5
10	PI/2 BPSK	25	14		23.70		25.2	0.0
10	PI/2 BPSK	25	27		23.11		24.7	0.5
10	PI/2 BPSK	50	0		23.13			
10	QPSK	1	1		23.36			
10	QPSK	1	26		23.80		25.2	0.0
10	QPSK	1	50		23.89			
10	QPSK	25	0		22.67		24.2	1.0
10	QPSK	25	14		23.52		25.2	0.0
10	QPSK	25	27		22.58		24.2	1.0
10	QPSK	50	0		22.60			
10	16QAM	1	1		22.64		24.2	1.0
10	64QAM	1	1		21.13		22.7	2.5
10	256QAM	1	1		19.02		20.7	4.5
Channel				155900	156400	156900	Tune-up limit	MPR
Frequency (MHz)				779.5	782	784.5	(dBm)	(dB)
5	QPSK	1	1	23.86	23.85	23.97	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				765				
Frequency (MHz)				765				
10	PI/2 BPSK	1	1		22.77			
10	PI/2 BPSK	1	26		22.75		24.3	0.0
10	PI/2 BPSK	1	50		22.72			
10	PI/2 BPSK	25	0		22.28		23.8	0.5
10	PI/2 BPSK	25	14		22.72		24.3	0.0
10	PI/2 BPSK	25	27		22.22		23.8	0.5
10	PI/2 BPSK	50	0		22.24			
10	QPSK	1	1		22.82			
10	QPSK	1	26		22.77		24.3	0.0
10	QPSK	1	50		22.75			
10	QPSK	25	0		21.74		23.3	1.0
10	QPSK	25	14		22.63		24.3	0.0
10	QPSK	25	27		21.69		23.3	1.0
10	QPSK	50	0		21.79			
10	16QAM	1	1		21.73		23.3	1.0
10	64QAM	1	1		20.22		21.8	2.5
10	256QAM	1	1		18.06		19.8	4.5
Channel				155900	156400	156900	Tune-up limit	MPR
Frequency (MHz)				779.5	782	784.5	(dBm)	(dB)
5	QPSK	1	1	22.66	22.74	22.67	24.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1870	1882.5	1895		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1		16.84	16.90	16.77	
40	PI/2 BPSK	1	108		16.83	16.90	16.77	
40	PI/2 BPSK	1	214		16.79	16.88	16.83	18.2
40	PI/2 BPSK	108	0		16.81	16.92	16.75	18.2
40	PI/2 BPSK	108	54		16.81	16.91	16.87	18.2
40	PI/2 BPSK	108	106		16.78	16.97	16.82	18.2
40	PI/2 BPSK	216	0		16.86	16.91	16.77	
40	QPSK	1	1		16.90	17.00	16.85	
40	QPSK	1	108		16.91	16.95	16.87	18.2
40	QPSK	1	214		16.87	16.97	16.80	
40	QPSK	108	0		16.88	16.92	16.71	18.2
40	QPSK	108	54		16.85	16.95	16.85	18.2
40	QPSK	108	108		16.87	16.94	16.76	18.2
40	QPSK	216	0		16.81	16.93	16.83	
40	16QAM	1	1		16.79	16.94	16.82	18.2
40	64QAM	1	1		16.79	16.88	16.82	18.2
40	256QAM	1	1		16.80	16.95	16.82	18.2
Channel				372000	376000	380000	Tune-up limit	MPR
Frequency (MHz)				1865	1882.5	1900	(dBm)	(dB)
30	QPSK	1	1		16.83	16.89	16.77	18.2
Channel				372500	376500	380500	Tune-up limit	MPR
Frequency (MHz)				1862.5	1882.5	1900.5	(dBm)	(dB)
25	QPSK	1	1		16.89	16.88	16.85	18.2
Channel				372000	376500	381000	Tune-up limit	MPR
Frequency (MHz)				1860	1882.5	1905	(dBm)	(dB)
20	QPSK	1	1		16.91	16.91	16.83	18.2
Channel				371500	376500	381500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)	(dB)
15	QPSK	1	1		16.86	16.95	16.78	18.2
Channel				371000	376500	382000	Tune-up limit	MPR
Frequency (MHz)				1855	1882.5	1910	(dBm)	(dB)
10	QPSK	1	1		16.91	16.86	16.96	18.2
Channel				370500	376500	382500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)	(dB)
5	QPSK	1	1		16.90	16.95	16.76	18.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 374000	Power Middle Ch. Freq. 376500	Power High Ch. Freq. 379000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1870	1882.5	1895			
40	P12 BPSK	1	1	17.46	17.62	17.38			
40	P12 BPSK	1	108	17.39	17.55	17.43	18.7	0.0	
40	P12 BPSK	1	214	17.45	17.57	17.44			
40	P12 BPSK	108	0	17.43	17.64	17.38	18.7	0.0	
40	P12 BPSK	108	54	17.40	17.55	17.46	18.7	0.0	
40	P12 BPSK	108	108	17.33	17.53	17.43	18.7	0.0	
40	P12 BPSK	216	0	17.38	17.57	17.43	18.7	0.0	
40	QPSK	1	1	17.45	17.68	17.50	18.6	0.0	
40	QPSK	1	108	17.34	17.59	17.37	18.7	0.0	
40	QPSK	1	214	17.35	17.64	17.47			
40	QPSK	108	0	17.32	17.54	17.44	18.7	0.0	
40	QPSK	108	54	17.42	17.63	17.47	18.7	0.0	
40	QPSK	108	108	17.36	17.48	17.42	18.7	0.0	
40	QPSK	216	0	17.40	17.55	17.45	18.7	0.0	
40	16QAM	1	1	17.42	17.62	17.44	18.7	0.0	
40	64QAM	1	1	17.40	17.54	17.49	18.7	0.0	
40	256QAM	1	1	17.23	17.36	17.33	18.7	0.0	
Channel									
Frequency (MHz)				37200	37650	38000	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.42	17.57	17.49	18.7	0.0	
Channel									
Frequency (MHz)				37625	37650	38050	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.37	17.59	17.38	18.7	0.0	
Channel									
Frequency (MHz)				37620	37650	38100	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.45	17.54	17.44	18.7	0.0	
Channel									
Frequency (MHz)				37150	37650	38150	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.92	16.82.5	16.92.5	18.7	0.0	
Channel									
Frequency (MHz)				17.47	17.62	17.46	18.7	0.0	
Channel									
Frequency (MHz)				37100	37650	38200	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.55	18.62.5	18.10	18.7	0.0	
Channel									
Frequency (MHz)				17.47	17.65	17.45	18.7	0.0	
Channel									
Frequency (MHz)				37050	37650	38250	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	18.02.5	18.82.5	18.92.5	18.7	0.0	
Channel									
Frequency (MHz)				17.40	17.54	17.44	18.7	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 374000	Power Middle Ch. Freq. 376500	Power High Ch. Freq. 379000	Tune-up limit (dBm)	MPR (dB)	
Channel				1670	1882.5	1895			
Frequency (MHz)									
40	P12 BPSK	1	1	21.07	21.14	21.02			
40	P12 BPSK	1	108	21.08	21.18	21.04	22.2		0.0
40	P12 BPSK	1	214	21.09	21.24	21.13			
40	P12 BPSK	108	0	21.10	21.19	21.10	22.2		0.0
40	P12 BPSK	108	54	21.01	21.11	21.04	22.2		0.0
40	P12 BPSK	108	108	21.02	21.18	21.05			
40	P12 BPSK	216	0	21.05	21.23	21.07			
40	QPSK	1	1	21.10	21.23	21.10			
40	QPSK	1	108	21.05	21.17	20.99	22.2		0.0
40	QPSK	1	214	21.04	21.25	21.16			
40	QPSK	108	0	21.03	21.16	21.04	22.2		0.0
40	QPSK	108	54	21.13	21.19	21.08	22.2		0.0
40	QPSK	108	108	21.10	21.16	21.04			
40	QPSK	216	0	21.01	21.11	21.02	22.2		0.0
40	16QAM	1	1	21.01	21.21	20.99	22.2		0.0
40	64QAM	1	1	21.11	21.18	21.13	21.7		0.5
40	256QAM	1	1	19.21	19.23	19.21	19.7		2.5
Channel				372000	373500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1885	1882.5	1900			
30	QPSK	1	1	21.09	21.13	21.02	22.2		0.0
Channel				372500	376500	386500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	21.06	21.22	21.04	22.2		0.0
Channel				372000	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1882.5	1905			
20	QPSK	1	1	21.00	21.10	21.01	22.2		0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1875	1882.5	1902.5			
15	QPSK	1	1	21.10	21.18	21.09	22.2		0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	21.14	21.12	20.95	22.2		0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1845	1882.5	1922.5			
5	QPSK	1	1	21.01	21.19	21.00	22.2		0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 374000	Power Middle Ch. Freq. 376500	Power High Ch. Freq. 379000	Tune-up limit (dBm)	MPR (dB)
	Channel			1870	1882.5	1895		
	Frequency (MHz)							
40	PV2 BPSK	1	1	16.71	16.74	16.61		
	Channel			16.65	16.73	16.63	17.7	0.0
40	PV2 BPSK	1	214	16.77	16.82	16.59		
40	PV2 BPSK	108	0	16.76	16.75	16.61	17.7	0.0
	Channel			16.68	16.82	16.84	17.7	0.0
40	PV2 BPSK	108	108	16.76	16.79	16.60		
	Channel			16.73	16.80	16.73	17.7	0.0
40	QPSK	1	1	16.78	16.78	16.74		
	Channel			16.72	16.80	16.63	17.7	0.0
40	QPSK	1	214	16.83	16.79	16.81		
	Channel			16.66	16.71	16.89	17.7	0.0
40	QPSK	108	0	16.76	16.81	16.69	17.7	0.0
40	QPSK	108	108	16.71	16.81	16.71	17.7	0.0
40	QPSK	108	108	16.71	16.76	16.56		
	Channel			16.72	16.80	16.66	17.7	0.0
40	16QAM	1	1	16.73	16.70	16.66	17.7	0.0
40	64QAM	1	1	16.72	16.80	16.68	17.7	0.0
40	256QAM	1	1	16.64	16.76	16.68	17.7	0.0
	Channel			374000	376500	379000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1865	1882.5	1895		
30	QPSK	1	1	16.67	16.70	16.63	17.7	0.0
	Channel			374500	376500	380500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1862.5	1882.5	1902.5		
20	QPSK	1	1	16.71	16.75	16.62	17.7	0.0
	Channel			375000	376500	378000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1860	1882.5	1905		
20	QPSK	1	1	16.72	16.83	16.69	17.7	0.0
	Channel			371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1872	1892.5	1907.5		
15	QPSK	1	1	16.64	16.83	16.73	17.7	0.0
	Channel			371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1882.5	1910		
10	QPSK	1	1	16.72	16.74	16.63	17.7	0.0
	Channel			375500	376500	376500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1862.5	1882.5	1902.5		
5	QPSK	1	1	16.76	16.76	16.68	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	25.2	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.32	24.39	24.33	25.2	0.0
20	PI/2 BPSK	1	53	24.29	24.38	24.35		
20	PI/2 BPSK	1	104	24.27	24.30	24.25	24.7	0.5
20	PI/2 BPSK	50	0	23.89	23.91	23.80		
20	PI/2 BPSK	50	28	24.36	24.47	24.44	25.2	0.0
20	PI/2 BPSK	50	56	23.87	23.90	23.83		
20	PI/2 BPSK	100	0	23.81	23.94	23.85	24.7	0.5
20	QPSK	1	1	24.44	24.51	24.38		
20	QPSK	1	53	24.28	24.30	24.15	25.2	0.0
20	QPSK	1	104	24.24	24.33	24.31		
20	QPSK	50	0	23.38	23.40	23.28	24.2	1.0
20	QPSK	50	28	24.18	24.32	24.10		
20	QPSK	50	56	23.35	23.38	23.25	24.2	1.0
20	QPSK	100	0	23.24	23.39	23.29		
20	16QAM	1	1	23.33	23.35	23.30	24.2	1.0
20	64QAM	1	1	21.65	21.77	21.75		
20	256QAM	1	1	19.89	19.92	19.86	20.7	4.5
Channel				164300	166300	168300	25.2	0.0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.34	24.48	24.34	25.2	0.0
Channel				163800	166300	168800		
Frequency (MHz)				819	831.5	844	25.2	0.0
10	QPSK	1	1	24.42	24.49	24.36		
Channel				163300	166300	169300	25.2	0.0
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.43	24.43	24.32	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	24.3	0.0
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.39	23.42	23.28	24.3	0.0
20	PI/2 BPSK	1	53	23.27	23.39	23.30		
20	PI/2 BPSK	1	104	23.31	23.41	23.28	23.9	0.5
20	PI/2 BPSK	50	0	22.88	22.92	22.79		
20	PI/2 BPSK	50	28	23.33	23.39	23.26	24.3	0.0
20	PI/2 BPSK	50	56	22.85	22.97	22.85		
20	PI/2 BPSK	100	0	22.80	22.94	22.90	23.8	0.5
20	QPSK	1	1	23.40	23.45	23.43		
20	QPSK	1	53	23.24	23.37	23.33	24.3	0.0
20	QPSK	1	104	23.28	23.42	23.27		
20	QPSK	50	0	22.40	22.45	22.30	23.3	1.0
20	QPSK	50	28	23.17	23.36	23.21		
20	QPSK	50	56	22.40	22.45	22.37	23.3	1.0
20	QPSK	100	0	22.32	22.39	22.28		
20	16QAM	1	1	22.38	22.45	22.33	23.3	1.0
20	64QAM	1	1	20.90	20.91	20.76		
20	256QAM	1	1	18.91	18.96	18.85	19.8	4.5
Channel				164300	166300	168300	24.3	0.0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.27	23.44	23.37	24.3	0.0
Channel				163800	166300	168800		
Frequency (MHz)				819	831.5	844	24.3	0.0
10	QPSK	1	1	23.32	23.33	23.38		
Channel				163300	166300	169300	24.3	0.0
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.38	23.35	23.40	24.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				461500	462000	462500	18.4	0.0
Frequency (MHz)				2310	2310	2310		
10	PI/2 BPSK	1	1			16.95	17.00	0.0
10	PI/2 BPSK	1	26			17.00		
10	PI/2 BPSK	1	50			16.92	17.05	0.0
10	PI/2 BPSK	25	0			17.05		
10	PI/2 BPSK	25	14			17.03	16.97	0.0
10	PI/2 BPSK	25	27			16.97		
10	PI/2 BPSK	50	0			17.06	16.99	0.0
10	QPSK	1	1			17.07		
10	QPSK	1	26			16.93	16.96	0.0
10	QPSK	1	50			16.93		
10	QPSK	25	0			16.96	17.04	0.0
10	QPSK	25	14			17.04		
10	QPSK	25	27			16.89	17.06	0.0
10	QPSK	50	0			16.99		
10	16QAM	1	1			17.06	17.03	0.0
10	64QAM	1	1			17.03		
10	256QAM	1	1			17.06	18.4	0.0
Channel				461500	462000	462500	18.4	0.0
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	16.99	16.92	17.00	18.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2310				
Frequency (MHz)				18.27				
10	PI/2 BPSK	1	1		18.27			
10	PI/2 BPSK	1	26		18.21		19.4	0.0
10	PI/2 BPSK	1	50		18.21			
10	PI/2 BPSK	25	0		18.21		19.4	0.0
10	PI/2 BPSK	25	14		18.27		19.4	0.0
10	PI/2 BPSK	25	27		18.23		19.4	0.0
10	PI/2 BPSK	50	0		18.32			
10	QPSK	1	1		18.33			
10	QPSK	1	26		18.27		19.4	0.0
10	QPSK	1	50		18.18			
10	QPSK	25	0		18.21		19.4	0.0
10	QPSK	25	14		18.28		19.4	0.0
10	QPSK	25	27		18.15		19.4	0.0
10	QPSK	50	0		18.26			
10	16QAM	1	1		18.31		19.4	0.0
10	64QAM	1	1		18.32		19.4	0.0
10	256QAM	1	1		18.63		17.9	1.5
Channel				461500	462000	462500	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	1	18.24	18.22	18.29	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1720	1745	1760		
Frequency (MHz)				17.20	17.45	17.60		
40	PI/2 BPSK	1	1	17.29	17.61	17.48		
40	PI/2 BPSK	1	108	17.27	17.50	17.42	18.7	0.0
40	PI/2 BPSK	1	214	17.28	17.50	17.40		
40	PI/2 BPSK	108	0	17.33	17.59	17.46	18.7	0.0
40	PI/2 BPSK	108	54	17.41	17.57	17.47	18.7	0.0
40	PI/2 BPSK	108	108	17.28	17.60	17.48	18.7	0.0
40	PI/2 BPSK	216	0	17.29	17.60	17.41		
40	QPSK	1	1	17.42	17.62	17.23		
40	QPSK	1	108	17.36	17.47	17.45	18.7	0.0
40	QPSK	1	214	17.41	17.58	17.46		
40	QPSK	108	0	17.24	17.49	17.39	18.7	0.0
40	QPSK	108	54	17.35	17.58	17.51	18.7	0.0
40	QPSK	108	108	17.33	17.46	17.38	18.7	0.0
40	QPSK	216	0	17.27	17.50	17.47	18.7	0.0
40	16QAM	1	1	17.33	17.50	17.42	18.7	0.0
40	64QAM	1	1	17.32	17.59	17.38	18.7	0.0
40	256QAM	1	1	17.33	17.48	17.43	18.7	0.0
Channel				343000	348000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	17.34	17.58	17.45	18.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	17.34	17.54	17.52	18.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	17.30	17.49	17.51	18.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	17.39	17.58	17.40	18.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	17.34	17.48	17.49	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1720	1745	1760		
Frequency (MHz)				17.20	17.45	17.60		
40	PI/2 BPSK	1	1	15.43	15.39	15.28		
40	PI/2 BPSK	1	108	15.32	15.44	15.29	16.7	0.0
40	PI/2 BPSK	1	214	15.42	15.46	15.27		
40	PI/2 BPSK	108	0	15.40	15.40	15.41	16.7	0.0
40	PI/2 BPSK	108	54	15.39	15.51	15.29	16.7	0.0
40	PI/2 BPSK	108	108	15.33	15.42	15.36	16.7	0.0
40	PI/2 BPSK	216	0	15.44	15.48	15.39		
40	QPSK	1	1	15.47	15.54	15.42		
40	QPSK	1	108	15.39	15.45	15.35	16.7	0.0
40	QPSK	1	214	15.37	15.45	15.41		
40	QPSK	108	0	15.38	15.40	15.27	16.7	0.0
40	QPSK	108	54	15.43	15.46	15.35	16.7	0.0
40	QPSK	108	108	15.41	15.37	15.25	16.7	0.0
40	QPSK	216	0	15.37	15.45	15.32	16.7	0.0
40	16QAM	1	1	15.33	15.40	15.32	16.7	0.0
40	64QAM	1	1	15.33	15.51	15.31	16.7	0.0
40	256QAM	1	1	15.39	15.40	15.39	16.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	15.37	15.48	15.40	16.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	15.38	15.42	15.41	16.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	15.48	15.43	15.28	16.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	15.38	15.45	15.39	16.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	15.46	15.43	15.38	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	20.56	20.67	20.67			
40	PI2 BPSK	1	108	20.66	20.73	20.70	21.7	0.0	
40	PI2 BPSK	1	214	20.63	20.68	20.67			
40	PI2 BPSK	108	0	20.63	20.69	20.59	21.7	0.0	
40	PI2 BPSK	108	54	20.70	20.64	20.59	21.7	0.0	
40	PI2 BPSK	108	108	20.56	20.71	20.58	21.7	0.0	
40	PI2 BPSK	216	0	20.58	20.70	20.66			
40	QPSK	1	1	20.71	20.79	20.72			
40	QPSK	1	108	20.58	20.76	20.65	21.7	0.0	
40	QPSK	1	214	20.57	20.70	20.68			
40	QPSK	108	0	20.54	20.63	20.67	21.7	0.0	
40	QPSK	108	54	20.69	20.74	20.71			
40	QPSK	108	108	20.58	20.62	20.62	21.7	0.0	
40	QPSK	216	0	20.65	20.67	20.66			
40	16QAM	1	1	20.67	20.73	20.63	21.7	0.0	
40	64QAM	1	1	20.88	20.69	20.67	21.7	0.0	
40	256QAM	1	1	19.31	19.37	19.25	20.7	1.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.60	20.72	20.60	21.7	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.62	20.69	20.68	21.7	0.0	
Channel				343000	348000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.69	20.71	20.66	21.7	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.66	20.67	20.64	21.7	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.69	20.65	20.60	21.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				345000	349000	353000			
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	15.56	15.74	15.74			
40	PI2 BPSK	1	108	15.58	15.82	15.76	17.2	0.0	
40	PI2 BPSK	1	214	15.56	15.74	15.68			
40	PI2 BPSK	108	0	15.61	15.82	15.75	17.2	0.0	
40	PI2 BPSK	108	54	15.53	15.72	15.68	17.2	0.0	
40	PI2 BPSK	108	108	15.64	15.80	15.73	17.2	0.0	
40	PI2 BPSK	216	0	15.54	15.86	15.65			
40	QPSK	1	1	15.58	15.87	15.79			
40	QPSK	1	108	15.53	15.75	15.64	17.2	0.0	
40	QPSK	1	214	15.55	15.80	15.73			
40	QPSK	108	0	15.60	15.72	15.74	17.2	0.0	
40	QPSK	108	54	15.67	15.81	15.76	17.2	0.0	
40	QPSK	108	108	15.55	15.74	15.74	17.2	0.0	
40	QPSK	216	0	15.60	15.77	15.72			
40	16QAM	1	1	15.58	15.76	15.73	17.2	0.0	
40	64QAM	1	1	15.60	15.80	15.77	17.2	0.0	
40	256QAM	1	1	15.55	15.85	15.77	17.2	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	15.62	15.76	15.74	17.2	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	15.65	15.85	15.76	17.2	0.0	
Channel				343000	348000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	15.58	15.80	15.66	17.2	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	15.58	15.82	15.72	17.2	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	15.57	15.81	15.72	17.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq. 134600	Power Mid Ch. / Freq. 135100	Power Hid Ch. / Freq. 135600	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)			Tune-up limit (dBm)	MPR (dB)
				673				
20	PI2 BPSK	1	1	22.17	22.21	22.20	24.7	0.0
20	PI2 BPSK	1	53	22.33	22.39	22.29		
20	PI2 BPSK	1	104	22.25	22.34	22.24		
20	PI2 BPSK	50	0	22.22	22.32	22.22		
20	PI2 BPSK	50	28	22.13	22.24	22.10	24.7	0.0
20	PI2 BPSK	50	56	22.21	22.27	22.20	24.7	0.0
20	PI2 BPSK	100	0	22.28	22.33	22.18		
20	QPSK	1	1	23.85	23.88	23.76		
20	QPSK	1	53	23.82	23.84	23.71		
20	QPSK	1	104	23.80	23.81	23.73	23.7	0.0
20	QPSK	50	0	22.77	22.91	22.88		
20	QPSK	50	28	23.72	23.88	23.79		
20	QPSK	50	56	22.74	22.81	22.68		
20	QPSK	100	0	22.78	22.89	22.77	23.7	1.0
20	16QAM	1	1	22.68	22.73	22.70	23.7	1.0
20	64QAM	1	1	21.11	21.23	21.16	22.2	2.5
20	256QAM	1	1	18.14	18.24	19.23	20.2	4.5
Channel				134100			Tune-up limit (dBm)	MPR (dB)
				670.5				
15	QPSK	1	1	23.84	23.77	23.74	24.7	0.0
Channel				133600			Tune-up limit (dBm)	MPR (dB)
				668				
10	QPSK	1	1	23.73	23.77	23.67	24.7	0.0
Channel				133100			Tune-up limit (dBm)	MPR (dB)
				665.5				
5	QPSK	1	1	23.77	23.76	23.75	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 134600	Power Middle Ch. / Freq. 135100	Power High Ch. / Freq. 135600	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)			Tune-up limit (dBm)	MPR (dB)
				673				
20	PI/2 BPSK	1	1	21.40	21.52	21.44	23.8	0.0
20	PI/2 BPSK	1	53	21.49	21.61	21.46		
20	PI/2 BPSK	1	104	21.41	21.56	21.48		
20	PI/2 BPSK	50	0	21.37	21.49	21.35		
20	PI/2 BPSK	50	28	21.53	21.59	21.51	23.8	0.0
20	PI/2 BPSK	50	56	21.46	21.60	21.51	23.8	0.0
20	PI/2 BPSK	100	0	21.48	21.51	21.41		
20	QPSK	1	1	22.98	23.09	22.98		
20	QPSK	1	53	22.92	23.01	22.87		
20	QPSK	1	104	22.93	23.06	22.92	22.8	1.0
20	QPSK	50	0	22.07	22.08	22.01		
20	QPSK	50	28	23.05	23.07	22.97		
20	QPSK	50	56	22.10	22.11	21.96		
20	QPSK	100	0	22.03	22.12	21.99	22.8	1.0
20	16QAM	1	1	21.91	21.92	21.91	22.8	1.0
20	64QAM	1	1	20.43	20.54	20.51	21.3	2.5
20	256QAM	1	1	18.44	18.57	18.52	19.3	4.5
Channel				134100			Tune-up limit (dBm)	MPR (dB)
				670.5				
15	QPSK	1	1	22.99	23.04	22.95	23.8	0.0
Channel				133600			Tune-up limit (dBm)	MPR (dB)
				668				
10	QPSK	1	1	23.06	22.97	22.84	23.8	0.0
Channel				133100			Tune-up limit (dBm)	MPR (dB)
				665.5				
5	QPSK	1	1	22.94	23.03	22.94	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.17	15.24	15.10		
40	PI/2 BPSK	1	53	15.17	15.27	15.07	16.7	0.0
40	PI/2 BPSK	1	104	15.07	15.21	15.17		
40	PI/2 BPSK	50	0	15.10	15.28	15.18	16.7	0.0
40	PI/2 BPSK	50	28	15.10	15.26	15.18	16.7	0.0
40	PI/2 BPSK	50	56	15.07	15.20	15.05		
40	PI/2 BPSK	100	0	15.14	15.31	15.10	16.7	0.0
40	QPSK	1	1	15.23	15.34	15.16		
40	QPSK	1	53	15.09	15.19	15.10	16.7	0.0
40	QPSK	1	104	15.12	15.22	15.06		
40	QPSK	50	0	15.05	15.19	15.11	16.7	0.0
40	QPSK	50	28	15.16	15.31	15.16	16.7	0.0
40	QPSK	50	56	15.07	15.21	15.07		
40	QPSK	100	0	15.11	15.30	15.10	16.7	0.0
40	16QAM	1	1	15.09	15.29	15.09	16.7	0.0
40	64QAM	1	1	15.08	15.19	15.12	16.7	0.0
40	256QAM	1	1	15.06	15.23	15.07	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.13	15.31	15.15	16.7	0.0
Channel				519000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2595	2595	2610		
20	QPSK	1	1	15.12	15.22	15.06	16.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.10	15.23	15.04	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.12	15.31	15.16	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.91	16.06	15.91		
40	PI/2 BPSK	1	53	15.99	16.05	15.88	16.7	0.0
40	PI/2 BPSK	1	104	16.01	16.05	15.89		
40	PI/2 BPSK	50	0	15.93	15.98	15.82	16.7	0.0
40	PI/2 BPSK	50	28	15.94	16.05	15.88	16.7	0.0
40	PI/2 BPSK	50	56	15.94	16.07	15.85		
40	PI/2 BPSK	100	0	15.96	16.05	15.81	16.7	0.0
40	QPSK	1	1	15.98	16.09	15.95		
40	QPSK	1	53	16.02	16.00	15.84	16.7	0.0
40	QPSK	1	104	15.91	15.95	15.82		
40	QPSK	50	0	15.98	16.03	15.85	16.7	0.0
40	QPSK	50	28	15.99	16.07	15.89	16.7	0.0
40	QPSK	50	56	15.88	16.02	15.75		
40	QPSK	100	0	15.95	15.99	15.87	16.7	0.0
40	16QAM	1	1	15.92	16.05	15.93	16.7	0.0
40	64QAM	1	1	15.84	16.03	15.83	16.7	0.0
40	256QAM	1	1	15.91	15.97	15.87	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.92	15.95	15.85	16.7	0.0
Channel				519000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2595	2595	2610		
20	QPSK	1	1	16.00	15.97	15.83	16.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.95	16.01	15.87	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.97	15.96	15.87	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.57	16.62	16.61		
40	PI/2 BPSK	1	53	16.57	16.65	16.52	17.7	0.0
40	PI/2 BPSK	1	104	16.61	16.62	16.51		
40	PI/2 BPSK	50	0	16.61	16.60	16.54	17.7	0.0
40	PI/2 BPSK	50	28	16.49	16.65	16.57	17.7	0.0
40	PI/2 BPSK	50	56	16.60	16.66	16.48		
40	PI/2 BPSK	100	0	16.54	16.61	16.61	17.7	0.0
40	QPSK	1	1	16.63	16.68	16.63		
40	QPSK	1	53	16.57	16.58	16.51	17.7	0.0
40	QPSK	1	104	16.52	16.62	16.53		
40	QPSK	50	0	16.48	16.56	16.52	17.7	0.0
40	QPSK	50	28	16.58	16.69	16.56	17.7	0.0
40	QPSK	50	56	16.48	16.55	16.41		
40	QPSK	100	0	16.52	16.54	16.49	17.7	0.0
40	16QAM	1	1	16.56	16.54	16.60	17.7	0.0
40	64QAM	1	1	16.48	16.57	16.61	17.7	0.0
40	256QAM	1	1	16.58	16.56	16.52	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.53	16.65	16.55	17.7	0.0
Channel				519000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2595	2595	2610		
20	QPSK	1	1	16.51	16.55	16.55	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.59	16.63	16.54	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.50	16.61	16.55	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				51800.02	51900.0	51999.98	15.7	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	14.81	14.83	14.83	15.7	0.0
40	Pi/2 BPSK	1	53	14.79	14.84	14.86		
40	Pi/2 BPSK	1	104	14.80	14.81	14.82	15.7	0.0
40	Pi/2 BPSK	50	0	14.72	14.87	14.85		
40	Pi/2 BPSK	50	26	14.73	14.82	14.75	15.7	0.0
40	Pi/2 BPSK	50	56	14.75	14.86	14.76		
40	Pi/2 BPSK	100	0	14.68	14.86	14.88	15.7	0.0
40	QPSK	1	1	14.82	14.85	14.90		
40	QPSK	1	53	14.87	14.94	14.87	15.7	0.0
40	QPSK	1	104	14.89	14.87	14.79		
40	QPSK	50	0	14.85	14.92	14.75	15.7	0.0
40	QPSK	50	26	14.78	14.94	14.87		
40	QPSK	50	56	14.71	14.79	14.84	15.7	0.0
40	QPSK	100	0	14.73	14.85	14.79		
40	16QAM	1	1	14.70	14.84	14.76	15.7	0.0
40	64QAM	1	1	14.70	14.85	14.87		
40	256QAM	1	1	14.70	14.82	14.85	15.7	0.0
Channel				51700.2	51900.0	52099.8		
Frequency (MHz)				2585.01	2595	2604.99	15.7	0.0
30	QPSK	1	1	14.73	14.91	14.86		
Channel				51900.0	51900.0	52200.0	15.7	0.0
Frequency (MHz)				2590.0	2595	2610.0		
20	QPSK	1	1	14.67	14.93	14.80	15.7	0.0
Channel				51550.2	51900.0	52249.8		
Frequency (MHz)				2577.51	2595	2612.49	15.7	0.0
15	QPSK	1	1	14.74	14.94	14.86		
Channel				51500.4	51900.0	52299.6	15.7	0.0
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.78	14.89	14.89	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50600.2	51859.8	53000.0	17.2	0.0
Frequency (MHz)				2546.01	2592.99	2640.0		
100	Pi/2 BPSK	1	1	15.91	15.90	15.72	17.2	0.0
100	Pi/2 BPSK	1	137	15.93	15.93	15.72		
100	Pi/2 BPSK	1	271	15.92	15.89	15.77	17.2	0.0
100	Pi/2 BPSK	135	0	15.84	15.81	15.68		
100	Pi/2 BPSK	135	69	15.83	15.88	15.75	17.2	0.0
100	Pi/2 BPSK	135	138	15.82	15.91	15.78		
100	Pi/2 BPSK	270	0	15.82	15.92	15.79	17.2	0.0
100	QPSK	1	1	15.95	15.95	15.94		
100	QPSK	1	137	15.86	15.86	15.76	17.2	0.0
100	QPSK	1	271	15.89	15.90	15.89		
100	QPSK	135	0	15.85	15.78	15.68	17.2	0.0
100	QPSK	135	69	15.86	15.98	15.74		
100	QPSK	135	138	15.77	15.83	15.61	17.2	0.0
100	QPSK	270	0	15.80	15.83	15.73		
100	16QAM	1	1	15.91	15.85	15.70	17.2	0.0
100	64QAM	1	1	15.84	15.88	15.79		
100	256QAM	1	1	15.81	15.87	15.87	17.2	0.0
Channel				50600.0	51859.8	53099.8		
Frequency (MHz)				2541	2592.99	2644.98	17.2	0.0
90	QPSK	1	1	15.91	15.81	15.68		
Channel				50720.4	51859.8	53099.8	17.2	0.0
Frequency (MHz)				2536.02	2592.99	2649.98		
80	QPSK	1	1	15.89	15.82	15.80	17.2	0.0
Channel				50620.2	51859.8	53100.0		
Frequency (MHz)				2531.01	2592.99	2655.0	17.2	0.0
70	QPSK	1	1	15.87	15.89	15.89		
Channel				50520.0	51859.8	53199.8	17.2	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.91	15.94	15.75	17.2	0.0
Channel				50420.4	51859.8	53299.8		
Frequency (MHz)				2521.02	2592.99	2664.98	17.2	0.0
50	QPSK	1	1	15.90	15.95	15.76		
Channel				50320.2	51859.8	53400.0	17.2	0.0
Frequency (MHz)				2516.01	2592.99	2670.0		
40	QPSK	1	1	15.87	15.81	15.74	17.2	0.0
Channel				50220.0	51859.8	53499.8		
Frequency (MHz)				2511	2592.99	2674.98	17.2	0.0
30	QPSK	1	1	15.94	15.86	15.77		
Channel				50120.4	51859.8	53599.8	17.2	0.0
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	15.91	15.90	15.72	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50600.2	51859.8	53000.0	17.2	0.0
Frequency (MHz)				2546.01	2592.99	2640.0		
100	Pi/2 BPSK	1	1	15.91	15.90	15.72	17.2	0.0
100	Pi/2 BPSK	1	137	15.93	15.93	15.72		
100	Pi/2 BPSK	1	271	15.92	15.89	15.77	17.2	0.0
100	Pi/2 BPSK	135	0	15.84	15.81	15.68		
100	Pi/2 BPSK	135	69	15.83	15.88	15.75	17.2	0.0
100	Pi/2 BPSK	135	138	15.82	15.91	15.78		
100	Pi/2 BPSK	270	0	15.82	15.92	15.79	17.2	0.0
100	QPSK	1	1	15.95	15.95	15.94		
100	QPSK	1	137	15.86	15.86	15.76	17.2	0.0
100	QPSK	1	271	15.89	15.90	15.89		
100	QPSK	135	0	15.85	15.78	15.68	17.2	0.0
100	QPSK	135	69	15.86	15.98	15.74		
100	QPSK	135	138	15.77	15.83	15.61	17.2	0.0
100	QPSK	270	0	15.80	15.83	15.73		
100	16QAM	1	1	15.91	15.85	15.70	17.2	0.0
100	64QAM	1	1	15.84	15.88	15.79		
100	256QAM	1	1	15.81	15.87	15.87	17.2	0.0
Channel				50600.0	51859.8	53099.8		
Frequency (MHz)				2541	2592.99	2644.98	17.2	0.0
90	QPSK	1	1	15.91	15.81	15.68		
Channel				50720.4	51859.8	53099.8	17.2	0.0
Frequency (MHz)				2536.02	2592.99	2649.98		
80	QPSK	1	1	15.89	15.82	15.80	17.2	0.0
Channel				50620.2	51859.8	53100.0		
Frequency (MHz)				2531.01	2592.99	2655.0	17.2	0.0
70	QPSK	1	1	15.87	15.89	15.89		
Channel				50520.0	51859.8	53199.8	17.2	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.91	15.94	15.75	17.2	0.0
Channel				50420.4	51859.8	53299.8		
Frequency (MHz)				2521.02	2592.99	2664.98	17.2	0.0
50	QPSK	1	1	15.90	15.95	15.76		
Channel				50320.2	51859.8	53400.0	17.2	0.0
Frequency (MHz)				2516.01	2592.99	2670.0		
40	QPSK	1	1	15.87	15.81	15.74	17.2	0.0
Channel				50220.0	51859.8	53499.8		
Frequency (MHz)				2511	2592.99	2674.98	17.2	0.0
30	QPSK	1	1	15.94	15.86	15.77		
Channel				50120.4	51859.8	53599.8	17.2	0.0
Frequency (MHz)				2506.02	2592.99	2679.98		
20	QPSK	1	1	15.91	15.90	15.72	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				506202	518598	528960	2592.99	2640	
100	PI2 BPSK	1	1	17.54	17.73	17.85	16.7	0.0	
100	PI2 BPSK	1	137	17.47	17.67	17.67			
100	PI2 BPSK	1	271	17.44	17.69	17.72			
100	PI2 BPSK	135	0	17.52	17.73	17.62	16.7	0.0	
100	PI2 BPSK	135	69	17.52	17.70	17.73	16.7	0.0	
100	PI2 BPSK	135	138	17.49	17.71	17.61	16.7	0.0	
100	PI2 BPSK	270	0	17.51	17.67	17.64	16.7	0.0	
100	QPSK	1	1	17.58	17.79	17.74			
100	QPSK	1	137	17.54	17.68	17.69			
100	QPSK	1	271	17.52	17.73	17.72	16.7	0.0	
100	QPSK	135	0	17.47	17.60	17.62	16.7	0.0	
100	QPSK	135	69	17.55	17.74	17.70	16.7	0.0	
100	QPSK	135	138	17.45	17.73	17.59	16.7	0.0	
100	QPSK	270	0	17.48	17.68	17.63			
100	16QAM	1	1	17.52	17.76	17.64			
100	64QAM	1	1	17.54	17.70	17.68	16.7	0.0	
100	256QAM	1	1	17.50	17.67	17.62	16.7	0.0	
Channel									
Frequency (MHz)				506200	518598	528968	2541	2592.99	2644.98
90	QPSK	1	1	17.53	17.67	17.72	16.7	0.0	
Channel									
Frequency (MHz)				507204	518598	529996	2537.04	2592.99	2648.99
80	QPSK	1	1	17.51	17.69	17.61	16.7	0.0	
Channel									
Frequency (MHz)				506202	518598	531000	2531.01	2592.99	2655
70	QPSK	1	1	17.47	17.73	17.71	16.7	0.0	
Channel									
Frequency (MHz)				505200	518598	531996	2526	2592.99	2659.98
60	QPSK	1	1	17.47	17.71	17.60	16.7	0.0	
Channel									
Frequency (MHz)				504204	518598	532996	2521.00	2592.99	2664.99
50	QPSK	1	1	17.47	17.65	17.65	16.7	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	2516.01	2592.99	2670
40	QPSK	1	1	17.57	17.73	17.73	16.7	0.0	
Channel									
Frequency (MHz)				502200	518598	534996	2511	2592.99	2674.98
30	QPSK	1	1	17.43	17.69	17.62	16.7	0.0	
Channel									
Frequency (MHz)				501204	518598	535996	2506.00	2592.99	2679.99
20	QPSK	1	1	17.45	17.66	17.72	16.7	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 506202	Power Middle Ch. / Freq. 518598	Power High Ch. / Freq. 528900	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2592.99	2644			
100	PI2 BPSK	1	1	15.70	15.95	15.69	16.7	0.0	
100	PI2 BPSK	1	137	15.81	15.84	15.69			
100	PI2 BPSK	1	271	15.80	15.86	15.72			
100	PI2 BPSK	135	0	15.74	15.95	15.80	16.7	0.0	
100	PI2 BPSK	135	69	15.69	15.96	15.69	16.7	0.0	
100	PI2 BPSK	135	138	15.73	15.92	15.82	16.7	0.0	
100	PI2 BPSK	270	0	15.76	15.90	15.75	16.7	0.0	
100	QPSK	1	1	15.83	15.98	15.84			
100	QPSK	1	137	15.70	15.86	15.73			
100	QPSK	1	271	15.77	15.89	15.79	16.7	0.0	
100	QPSK	135	0	15.68	15.82	15.75	16.7	0.0	
100	QPSK	135	69	15.80	15.97	15.77	16.7	0.0	
100	QPSK	135	138	15.77	15.95	15.69	16.7	0.0	
100	QPSK	270	0	15.72	15.92	15.73			
100	16QAM	1	1	15.79	15.83	15.69			
100	64QAM	1	1	15.74	15.96	15.69	16.7	0.0	
100	256QAM	1	1	15.76	15.91	15.82	16.7	0.0	
Channel									
Frequency (MHz)				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	2541	2592.99	2644.98	16.7	0.0	
Channel									
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	2536.02	2592.99	2648.99	16.7	0.0	
Channel									
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	2531.01	2592.99	2655	16.7	0.0	
Channel									
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	2526	2592.99	2659.98	16.7	0.0	
Channel									
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	2521.00	2592.99	2664.99	16.7	0.0	
Channel									
Frequency (MHz)				503202 <th>518598</th> <th>534000</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	518598	534000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	2516.01	2592.99	2670	16.7	0.0	
Channel									
Frequency (MHz)				502200 <th>518598</th> <th>534996</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	518598	534996	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	2511	2592.99	2674.98	16.7	0.0	
Channel									
Frequency (MHz)				501204 <th>518598</th> <th>535996</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	518598	535996	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	2506.00	2592.99	2679.99	16.7	0.0	
20	QPSK	1	1	15.77	15.90	15.83	16.7	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mid Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				506202	518598	528900	2546.01	2592.99	2640
100	PI2 BPSK	1	1	15.70	15.95	15.69	16.7	0.0	
100	PI2 BPSK	1	137	15.81	15.84	15.69			
100	PI2 BPSK	1	271	15.80	15.86	15.72			
100	PI2 BPSK	135	0	15.74	15.95	15.80	16.7	0.0	
100	PI2 BPSK	135	69	15.69	15.96	15.69	16.7	0.0	
100	PI2 BPSK	135	138	15.73	15.92	15.82	16.7	0.0	
100	PI2 BPSK	270	0	15.76	15.90	15.75	16.7	0.0	
100	QPSK	1	1	15.83	15.98	15.84			
100	QPSK	1	137	15.70	15.86	15.73			
100	QPSK	1	271	15.77	15.89	15.79	16.7	0.0	
100	QPSK	135	0	15.68	15.82	15.75	16.7	0.0	
100	QPSK	135	69	15.80	15.97	15.77	16.7	0.0	
100	QPSK	135	138	15.77	15.95	15.69	16.7	0.0	
100	QPSK	270	0	15.72	15.92	15.73			
100	16QAM	1	1	15.79	15.83	15.69			
100	64QAM	1	1	15.74	15.96	15.69	16.7	0.0	
100	256QAM	1	1	15.76	15.91	15.82	16.7	0.0	
Channel									
Frequency (MHz)				506200	518598	528996	2541	2592.99	2644.98
90	QPSK	1	1	15.75	15.96	15.72	16.7	0.0	
Channel									
Frequency (MHz)				507204	518598	529998	2537.04	2592.99	2648.99
80	QPSK	1	1	15.76	15.91	15.74	16.7	0.0	
Channel									
Frequency (MHz)				506202	518598	531000	2531.01	2592.99	2655
70	QPSK	1	1	15.81	15.95	15.70	16.7	0.0	
Channel									
Frequency (MHz)				505200	518598	531996	2526	2592.99	2659.98
60	QPSK	1	1	15.78	15.95	15.69	16.7	0.0	
Channel									
Frequency (MHz)				504204	518598	532996	2521.00	2592.99	2664.99
50	QPSK	1	1	15.73	15.89	15.77	16.7	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	2516.01	2592.99	2670.01
40	QPSK	1	1	15.74	15.87	15.71	16.7	0.0	
Channel									
Frequency (MHz)				502202	518598	534996	2511	2592.99	2674.98
30	QPSK	1	1	15.74	15.92	15.80	16.7	0.0	
Channel									
Frequency (MHz)				501204	518598	535998	2506.01	2592.99	2679.98
20	QPSK	1	1	15.77	15.90	15.83	16.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	641666	646332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pl/2 BPSK	1	1	15.93	15.99	16.01		
40	Pl/2 BPSK	1	53	15.98	15.99	15.98	17.2	0.0
40	Pl/2 BPSK	1	104	15.99	16.06	15.97		
40	Pl/2 BPSK	50	0	15.97	16.01	15.95	17.2	0.0
40	Pl/2 BPSK	50	28	15.99	16.01	16.00	17.2	0.0
40	Pl/2 BPSK	50	56	15.95	16.11	15.97		
40	Pl/2 BPSK	100	0	16.01	16.01	15.96	17.2	0.0
40	QPSK	1	1	16.02	16.12	16.03		
40	QPSK	1	53	15.88	16.09	16.01	17.2	0.0
40	QPSK	1	104	15.95	16.05	15.95		
40	QPSK	50	0	15.80	15.98	15.90	17.2	0.0
40	QPSK	50	28	15.92	16.07	15.99	17.2	0.0
40	QPSK	50	56	15.84	16.00	15.92		
40	QPSK	100	0	15.91	16.03	15.98	17.2	0.0
40	16QAM	1	1	15.95	16.08	15.95	17.2	0.0
40	64QAM	1	1	15.97	16.10	15.93	17.2	0.0
40	256QAM	1	1	16.00	16.10	15.97	17.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	15.88	16.02	15.97	17.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.69	3208.32	3228.33		
20	QPSK	1	1	15.90	16.04	16.03	17.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	15.96	16.00	15.98	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	641666	646332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pl/2 BPSK	1	1	16.75	16.88	16.72		
40	Pl/2 BPSK	1	53	16.84	16.84	16.78	17.8	0.0
40	Pl/2 BPSK	1	104	16.76	16.82	16.70		
40	Pl/2 BPSK	50	0	16.87	16.80	16.72	17.8	0.0
40	Pl/2 BPSK	50	28	16.74	16.86	16.68		
40	Pl/2 BPSK	50	56	16.86	16.93	16.73	17.8	0.0
40	Pl/2 BPSK	100	0	16.85	16.81	16.76		
40	QPSK	1	1	16.85	16.94	16.75		
40	QPSK	1	53	16.87	16.87	16.77	17.8	0.0
40	QPSK	1	104	16.75	16.86	16.69		
40	QPSK	50	0	16.88	16.74	16.77	17.8	0.0
40	QPSK	50	28	16.82	16.86	16.76	17.8	0.0
40	QPSK	50	56	16.69	16.73	16.73		
40	QPSK	100	0	16.78	16.85	16.76	17.8	0.0
40	16QAM	1	1	16.81	16.80	16.76	17.8	0.0
40	64QAM	1	1	16.86	16.81	16.68	17.8	0.0
40	256QAM	1	1	16.84	16.83	16.65	17.8	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	16.76	16.80	16.73	17.8	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.69	3208.32	3228.33		
20	QPSK	1	1	16.83	16.86	16.72	17.8	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	16.76	16.89	16.65	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	641666	646332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pl/2 BPSK	1	1	13.90	14.05	13.88		
40	Pl/2 BPSK	1	53	13.96	13.98	13.87	14.7	0.0
40	Pl/2 BPSK	1	104	13.90	13.95	13.84		
40	Pl/2 BPSK	50	0	13.94	14.05	13.88	14.7	0.0
40	Pl/2 BPSK	50	28	13.97	14.02	13.94		
40	Pl/2 BPSK	50	56	13.99	14.07	13.95	14.7	0.0
40	Pl/2 BPSK	100	0	13.90	13.97	13.96		
40	QPSK	1	1	14.03	14.10	13.97		
40	QPSK	1	53	13.91	14.01	13.94	14.7	0.0
40	QPSK	1	104	13.91	14.09	13.88		
40	QPSK	50	0	13.86	14.04	13.91	14.7	0.0
40	QPSK	50	28	13.97	14.08	13.94	14.7	0.0
40	QPSK	50	56	13.91	13.94	13.93		
40	QPSK	100	0	13.94	14.01	13.91	14.7	0.0
40	16QAM	1	1	13.88	14.09	13.94	14.7	0.0
40	64QAM	1	1	13.92	14.00	13.82	14.7	0.0
40	256QAM	1	1	13.99	14.05	13.82	14.7	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	14.01	13.98	13.82	14.7	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.69	3208.32	3228.33		
20	QPSK	1	1	13.92	14.00	13.96	14.7	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	13.90	14.05	13.83	14.7	0.0

Part27Q_n77_Ant 9 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3499.98					
100	PI2 BPSK	1	1	15.79					
100	PI2 BPSK	1	137	15.71			16.7	0.0	
100	PI2 BPSK	1	271	15.81					
100	PI2 BPSK	135	0	15.80			16.7	0.0	
100	PI2 BPSK	135	69	15.80			16.7	0.0	
100	PI2 BPSK	135	138	15.73			16.7	0.0	
100	PI2 BPSK	270	0	15.82					
100	QPSK	1	1	15.85					
100	QPSK	1	137	15.80			16.7	0.0	
100	QPSK	1	271	15.72					
100	QPSK	135	0	15.75			16.7	0.0	
100	QPSK	135	69	15.84			16.7	0.0	
100	QPSK	135	138	15.79					
100	QPSK	270	0	15.80			16.7	0.0	
100	16QAM	1	1	15.78			16.7	0.0	
100	64QAM	1	1	15.73			16.7	0.0	
100	256QAM	1	1	15.76			16.7	0.0	
Channel									
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	15.79	15.72	15.72	16.7	0.0	
Channel									
Frequency (MHz)				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	3490.02	3499.98	3510			
Channel									
Frequency (MHz)				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	15.83	3499.98	3514.98			
Channel									
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	3485	3499.98	3519.99			
Channel									
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.75	15.72	15.84	16.7	0.0	
Channel									
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	3470.01	3499.98	3529.98			
Channel									
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	3465	3499.98	3534.99			
Channel									
Frequency (MHz)				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	15.75	15.73	15.79	16.7	0.0	
Channel									
Frequency (MHz)				630300	633332	636166	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	3457.5	3499.98	3542.49			
Channel									
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	3455.01	3499.98	3544.98			

Part27Q_n77_Ant 9 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	15.67	15.73	15.75			
100	PI2 BPSK	1	137	15.66	15.77	15.81	16.7	0.0	
100	PI2 BPSK	1	271	15.58	15.77	15.86			
100	PI2 BPSK	135	0	15.65	15.82	15.82	16.7	0.0	
100	PI2 BPSK	135	69	15.54	15.75	15.68	16.7	0.0	
100	PI2 BPSK	135	138	15.66	15.81	15.71	16.7	0.0	
100	PI2 BPSK	270	0	15.67	15.82	15.72	16.7	0.0	
100	QPSK	1	1	15.69	15.84	15.83			
100	QPSK	1	137	15.63	15.99	15.81	16.7	0.0	
100	QPSK	1	271	15.60	15.75	15.75			
100	QPSK	135	0	15.52	15.79	15.73	16.7	0.0	
100	QPSK	135	69	15.64	15.81	15.77	16.7	0.0	
100	QPSK	135	138	15.58	15.71	15.69	16.7	0.0	
100	QPSK	270	0	15.58	15.76	15.68			
100	16QAM	1	1	15.58	15.82	15.77	16.7	0.0	
100	64QAM	1	1	15.59	15.83	15.70	16.7	0.0	
100	256QAM	1	1	15.64	15.89	15.79	16.7	0.0	
Channel									
Frequency (MHz)				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	3745.02	3840	3934.98			
Channel									
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	15.53	15.77	15.70	16.7	0.0	
Channel									
Frequency (MHz)				649000	650000	650300	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	3735	3840	3945			
Channel									
Frequency (MHz)				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	3730.02	3840	3949.98			
Channel									
Frequency (MHz)				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.58	15.73	15.78	16.7	0.0	
Channel									
Frequency (MHz)				648000	650000	650400	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	3720	3840	3960			
Channel									
Frequency (MHz)				647668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	3715.02	3840	3964.98			
Channel									
Frequency (MHz)				647334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	15.53	15.73	15.70	16.7	0.0	
Channel									
Frequency (MHz)				647000	650000	650832	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	3707.52	3840	3972.48			
Channel									
Frequency (MHz)				647000	650000	650500	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	3705	3840	3975			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3499.98					
100	PI2 BPSK	1	1	16.54					
100	PI2 BPSK	1	137	16.45			17.3	0.0	
100	PI2 BPSK	1	271	16.58					
100	PI2 BPSK	135	0	16.45			17.3	0.0	
100	PI2 BPSK	135	69	16.53			17.3	0.0	
100	PI2 BPSK	135	138	16.48			17.3	0.0	
100	PI2 BPSK	270	0	16.45					
100	QPSK	1	1	16.59					
100	QPSK	1	137	16.47			17.3	0.0	
100	QPSK	1	271	16.46					
100	QPSK	135	0	16.49			17.3	0.0	
100	QPSK	135	69	16.53			17.3	0.0	
100	QPSK	135	138	16.50					
100	QPSK	270	0	16.49			17.3	0.0	
100	16QAM	1	1	16.45			17.3	0.0	
100	64QAM	1	1	16.54			17.3	0.0	
100	256QAM	1	1	16.48			17.3	0.0	
Channel									
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	16.47	16.50	16.54	17.3	0.0	
Channel									
Frequency (MHz)				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	16.53	16.56	16.57	17.3	0.0	
Channel									
Frequency (MHz)				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	16.48	16.45	16.47	17.3	0.0	
Channel									
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	16.49	16.49	16.50	17.3	0.0	
Channel									
Frequency (MHz)				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	16.49	16.51	16.53	17.3	0.0	
Channel									
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	16.48	16.49	16.50	17.3	0.0	
Channel									
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	16.57	16.49	16.53	17.3	0.0	
Channel									
Frequency (MHz)				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	16.49	16.54	16.56	17.3	0.0	
Channel									
Frequency (MHz)				630330	633332	636336	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.48	16.57	16.57	17.3	0.0	
Channel									
Frequency (MHz)				630004	633332	636632	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	16.45	16.44	16.58	17.3	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	16.26	16.39	16.29		
100	PI2 BPSK	1	137	16.26	16.39	16.24	17.3	0.0
100	PI2 BPSK	1	271	16.34	16.47	16.19		
100	PI2 BPSK	135	0	16.37	16.50	16.28	17.3	0.0
100	PI2 BPSK	135	69	16.29	16.42	16.27	17.3	0.0
100	PI2 BPSK	135	138	16.30	16.43	16.18		
100	PI2 BPSK	270	0	16.29	16.42	16.30	17.3	0.0
100	QPSK	1	1	16.35	16.52	16.35		
100	QPSK	1	137	16.35	16.48	16.30		
100	QPSK	1	271	16.33	16.46	16.24	17.3	0.0
100	QPSK	135	0	16.32	16.45	16.25	17.3	0.0
100	QPSK	135	69	16.34	16.47	16.32	17.3	0.0
100	QPSK	135	138	16.32	16.45	16.26		
100	QPSK	270	0	16.26	16.39	16.24	17.3	0.0
100	16QAM	1	1	16.24	16.37	16.21	17.3	0.0
100	64QAM	1	1	16.25	16.38	16.29	17.3	0.0
100	256QAM	1	1	16.28	16.41	16.18	17.3	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.32	16.45	16.20	17.3	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.38	16.51	16.30	17.3	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	16.35	16.48	16.31	17.3	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.28	16.41	16.24	17.3	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.33	16.46	16.24	17.3	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.29	16.42	16.20	17.3	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.26	16.41	16.25	17.3	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	16.35	16.48	16.19	17.3	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	16.31	16.44	16.28	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1		16.54			
100	PI2 BPSK	1	137		16.45		17.3	0.0
100	PI2 BPSK	1	271		16.58			
100	PI2 BPSK	135	0		16.45		17.3	0.0
100	PI2 BPSK	135	69		16.53		17.3	0.0
100	PI2 BPSK	135	138		16.48		17.3	0.0
100	PI2 BPSK	270	0		16.45			
100	QPSK	1	1		16.59			
100	QPSK	1	137		16.47		17.3	0.0
100	QPSK	1	271		16.48			
100	QPSK	135	0		16.49		17.3	0.0
100	QPSK	135	69		16.55		17.3	0.0
100	QPSK	135	138		16.50		17.3	0.0
100	QPSK	270	0		16.48			
100	16QAM	1	1		16.45		17.3	0.0
100	64QAM	1	1		16.54		17.3	0.0
100	256QAM	1	1		16.48		17.3	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.47	16.50	16.54	17.3	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.53	16.56	16.57	17.3	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	16.48	16.45	16.47	17.3	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.44	16.47	16.48	17.3	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.49	16.51	16.53	17.3	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.43	16.45	16.50	17.3	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.57	16.49	16.53	17.3	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.45	16.54	16.58	17.3	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	16.48	16.57	16.57	17.3	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	16.45	16.44	16.58	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	16.26	16.39	16.29		
100	PI2 BPSK	1	137	16.26	16.39	16.24	17.3	0.0
100	PI2 BPSK	1	271	16.34	16.47	16.19		
100	PI2 BPSK	135	0	16.37	16.50	16.28	17.3	0.0
100	PI2 BPSK	135	69	16.29	16.42	16.27	17.3	0.0
100	PI2 BPSK	135	138	16.30	16.43	16.18		
100	PI2 BPSK	270	0	16.29	16.42	16.30	17.3	0.0
100	QPSK	1	1	16.35	16.52	16.35		
100	QPSK	1	137	16.35	16.48	16.30		
100	QPSK	1	271	16.33	16.46	16.24	17.3	0.0
100	QPSK	135	0	16.32	16.45	16.25	17.3	0.0
100	QPSK	135	69	16.34	16.47	16.32	17.3	0.0
100	QPSK	135	138	16.32	16.45	16.29		
100	QPSK	270	0	16.26	16.39	16.24	17.3	0.0
100	16QAM	1	1	16.24	16.37	16.21	17.3	0.0
100	64QAM	1	1	16.25	16.38	16.29	17.3	0.0
100	256QAM	1	1	16.28	16.41	16.18	17.3	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.32	16.45	16.20	17.3	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.38	16.51	16.30	17.3	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	16.35	16.48	16.31	17.3	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.28	16.41	16.24	17.3	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.33	16.46	16.24	17.3	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.29	16.42	16.20	17.3	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.26	16.41	16.25	17.3	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.32	16.45	16.18	17.3	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	16.35	16.48	16.19	17.3	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	16.31	16.44	16.28	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
100	P12 BPSK	1	1	13.89	13.89			
100	P12 BPSK	1	137	13.83			14.5	0.0
100	P12 BPSK	1	271	13.86				
100	P12 BPSK	135	0	13.68			14.5	0.0
100	P12 BPSK	135	69	13.85			14.5	0.0
100	P12 BPSK	135	138	13.82			14.5	0.0
100	P12 BPSK	270	0	13.90			14.5	0.0
100	QPSK	1	1	13.96				
100	QPSK	1	137	13.81			14.5	0.0
100	QPSK	1	271	13.83				
100	QPSK	135	0	13.62			14.5	0.0
100	QPSK	135	69	13.93			14.5	0.0
100	QPSK	135	138	13.81			14.5	0.0
100	QPSK	270	0	13.84			14.5	0.0
100	6QAM	1	1	13.89			14.5	0.0
100	6QAM	1	138	13.84			14.5	0.0
100	256QAM	1	1	13.86			14.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3450	3459.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.91	13.91	13.94	14.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.82	13.82	13.96	14.5	0.0
Channel				633332	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.99	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.82	13.87	13.99	14.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.84	13.93	13.90	14.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.84	13.91	13.82	14.5	0.0
Channel				631332	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.83	13.89	13.95	14.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3514.99	(dBm)	(dB)
30	QPSK	1	1	13.83	13.99	13.98	14.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.84	13.82	13.91	14.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.87	13.93	13.95	14.5	0.0
Channel				630332	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.85	13.91	13.98	14.5	0.0

Part270_n77_Ant10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. Freq 6550000	Power Middle Mid Freq 6560000	Power High Hb Freq 6620000	Turn-up limit (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
100	PB2 BPSK	1	1	13.85	13.99	13.99			
100	PB2 BPSK	1	137	13.84	13.98	13.79	14.5	0.0	
100	PB2 BPSK	1	271	13.94	13.98	13.92			
100	PB2 BPSK	135	0	13.83	13.87	13.83	14.5	0.0	
100	PB2 BPSK	135	69	13.88	13.92	13.86	14.5	0.0	
100	PB2 BPSK	135	133	13.87	13.91	13.80			
100	PB2 BPSK	270	0	13.91	13.95	13.78	14.5	0.0	
100	QPSK	1	1	13.90	14.00	13.92			
100	QPSK	1	137	13.86	13.90	13.87	14.5	0.0	
100	QPSK	1	271	13.84	13.88	13.86			
100	QPSK	135	0	13.82	13.86	13.81	14.5	0.0	
100	QPSK	135	69	13.94	13.98	13.92	14.5	0.0	
100	QPSK	135	138	13.85	13.89	13.79	14.5	0.0	
100	QPSK	270	0	13.87	13.91	13.84			
100	64QAM	1	1	13.85	13.99	13.88			
100	64QAM	1	1	13.81	13.85	13.81	14.5	0.0	
100	256QAM	1	1	13.81	13.85	13.84	14.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3745.02	3840	3924.85	Turn-up limit (dBm)	MFR (dB)	
90	QPSK	1	1	13.95	13.99	13.83	14.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	646934	656000	662668	Turn-up limit (dBm)	MFR (dB)	
80	QPSK	1	1	3740.01	3840	3926.96	Turn-up limit (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	13.81	13.85	13.86	14.5	0.0	
70	QPSK	1	1	656000	655000	652000	Turn-up limit (dBm)	MFR (dB)	
70	QPSK	1	1	3735	3840	3945	Turn-up limit (dBm)	MFR (dB)	
70	QPSK	1	1	13.91	13.95	13.86	14.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	646668	656000	663332	Turn-up limit (dBm)	MFR (dB)	
60	QPSK	1	1	3730.02	3840	3946.95	Turn-up limit (dBm)	MFR (dB)	
60	QPSK	1	1	13.95	13.99	13.86	14.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	646334	656000	663668	Turn-up limit (dBm)	MFR (dB)	
50	QPSK	1	1	3725.01	3840	3954.99	Turn-up limit (dBm)	MFR (dB)	
50	QPSK	1	1	13.89	13.93	13.81	14.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	656000	655000	652000	Turn-up limit (dBm)	MFR (dB)	
40	QPSK	1	1	3720	3840	3960	Turn-up limit (dBm)	MFR (dB)	
40	QPSK	1	1	13.86	13.90	13.81	14.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	647668	656000	664332	Turn-up limit (dBm)	MFR (dB)	
30	QPSK	1	1	3715.02	3840	3948.95	Turn-up limit (dBm)	MFR (dB)	
30	QPSK	1	1	13.89	13.93	13.88	14.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	647334	656000	664668	Turn-up limit (dBm)	MFR (dB)	
20	QPSK	1	1	3710.01	3840	3956.99	Turn-up limit (dBm)	MFR (dB)	
20	QPSK	1	1	13.84	13.88	13.88	14.5	0.0	
20	QPSK	1	1	656000	655000	652000	Turn-up limit (dBm)	MFR (dB)	
20	QPSK	1	1	3707.52	3840	3972.48	Turn-up limit (dBm)	MFR (dB)	
15	QPSK	1	1	13.83	13.87	13.82	14.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	647000	656000	665000	Turn-up limit (dBm)	MFR (dB)	
10	QPSK	1	1	3710	3840	3975	Turn-up limit (dBm)	MFR (dB)	
10	QPSK	1	1	13.83	13.87	13.83	14.5	0.0	

Part27Q_n77_Ant 10 HPUE								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
100	P2/ BPSK	1	1	13.69	13.69			
100	P2/ BPSK	1	137	13.83	13.82		14.5	0.0
100	P2/ BPSK	1	271	13.86	13.86			
100	P2/ BPSK	135	0	13.68	13.68		14.5	0.0
100	P2/ BPSK	135	69	13.85	13.85		14.5	0.0
100	P2/ BPSK	135	138	13.82	13.82		14.5	0.0
100	P2/ BPSK	270	0	13.90	13.90			
100	QPSK	1	1	13.96	13.96			
100	QPSK	1	137	13.81	13.81		14.5	0.0
100	QPSK	1	271	13.82	13.82			
100	QPSK	135	0	13.83	13.83		14.5	0.0
100	QPSK	135	69	13.93	13.93		14.5	0.0
100	QPSK	135	138	13.81	13.81		14.5	0.0
100	QPSK	270	0	13.88	13.88			
100	16QAM	1	1	13.89	13.89		14.5	0.0
100	16QAM	1	1	13.84	13.84		14.5	0.0
100	256QAM	1	1	13.86	13.86		14.5	0.0
Channel				633000	633332	633698	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.96		
90	QPSK	1	1	13.91	13.91	13.94	14.5	0.0
Channel				632968	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.82	13.88	13.96	14.5	0.0
Channel				632234	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.82	13.87	13.89	14.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3510.98		
60	QPSK	1	1	13.84	13.93	13.90	14.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.84	13.91	13.92	14.5	0.0
Channel				631234	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3520.98		
40	QPSK	1	1	13.83	13.89	13.95	14.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3514.98		
30	QPSK	1	1	13.83	13.86	13.88	14.5	0.0
Channel				630968	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.84	13.82	13.81	14.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	13.87	13.93	13.85	14.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	13.85	13.81	13.86	14.5	0.0

Part270_n77_Ant 10 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	13.95	13.99	13.92		14.5	0.0
100	PI2 BPSK	1	137	13.94	13.98	13.79			
100	PI2 BPSK	1	271	13.96	13.90	13.90			
100	PI2 BPSK	135	0	13.83	13.87	13.83	14.5		
100	PI2 BPSK	135	69	13.88	13.92	13.86	14.5		
100	PI2 BPSK	135	138	13.87	13.91	13.80		14.5	0.0
100	PI2 BPSK	270	0	13.91	13.95	13.78			
100	QPSK	1	1	13.95	14.00	13.93			
100	QPSK	1	137	13.86	13.90	13.87			
100	QPSK	1	271	13.84	13.88	13.80		14.5	0.0
100	QPSK	135	0	13.82	13.86	13.81	14.5	0.0	
100	QPSK	135	69	13.94	13.98	13.90		14.5	0.0
100	QPSK	135	138	13.85	13.89	13.79		14.5	0.0
100	QPSK	270	0	13.87	13.91	13.84			
100	16QAM	1	1	13.95	13.99	13.86	14.5	0.0	
100	64QAM	1	1	13.81	13.85	13.81	14.5	0.0	
100	256QAM	1	1	13.81	13.85	13.84	14.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	13.95	13.99	13.83	14.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	13.81	13.85	13.86	14.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	13.91	13.95	13.86	14.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	13.95	13.99	13.86	14.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.89	13.93	13.81	14.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	13.89	13.93	13.81	14.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	13.89	13.93	13.88	14.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	13.84	13.98	13.89	14.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	13.83	13.87	13.82	14.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	13.83	13.87	13.83	14.5	0.0	

Part27Q_n77_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		833332				
					3499.98				
100	PI2 BPSK	1	1		14.48				
100	PI2 BPSK	1	137		14.52		15.2		0.0
100	PI2 BPSK	1	271		14.47				
100	PI2 BPSK	135	0		14.47		15.2		0.0
100	PI2 BPSK	135	69		14.50		15.2		0.0
100	PI2 BPSK	135	138		14.51			15.2	0.0
100	PI2 BPSK	270	0		14.53				
100	QPSK	1	1		14.62				
100	QPSK	1	137		14.58		15.2		0.0
100	QPSK	1	271		14.52				
100	QPSK	135	0		14.55		15.2		0.0
100	QPSK	135	69		14.59		15.2		0.0
100	QPSK	135	138		14.51		15.2		0.0
100	QPSK	270	0		14.58				
100	80QAM	1	1		14.54		15.2		0.0
100	80QAM	1	1		14.61		15.2		0.0
100	256QAM	1	1		14.58		15.2		0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	833300	833332	833668	Tune-up limit (dBm)	MPR (dB)	
				3495.98	3499.98	3503.98			
10	QPSK	1	1	14.48	14.60	14.56	15.2		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	833688	833332	834000	Tune-up limit (dBm)	MPR (dB)	
				3490.02	3499.98	3510			
80	QPSK	1	1	14.61	14.60	14.61	15.2		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	833334	833332	833332	Tune-up limit (dBm)	MPR (dB)	
				3485.01	3499.98	3514.98			
70	QPSK	1	1	14.50	14.48	14.56	15.2		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	832000	833332	834668	Tune-up limit (dBm)	MPR (dB)	
				3480	3499.98	3519.98			
60	QPSK	1	1	14.58	14.55	14.53	15.2		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	831688	833332	835000	Tune-up limit (dBm)	MPR (dB)	
				3475.02	3499.98	3525			
50	QPSK	1	1	14.57	14.53	14.54	15.2		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	831334	833332	835332	Tune-up limit (dBm)	MPR (dB)	
				3470.01	3499.98	3529.98			
40	QPSK	1	1	14.48	14.57	14.60	15.2		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	831000	833332	835668	Tune-up limit (dBm)	MPR (dB)	
				3465	3499.98	3534.98			
30	QPSK	1	1	14.52	14.56	14.59	15.2		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	830688	833332	836000	Tune-up limit (dBm)	MPR (dB)	
				3460.02	3499.98	3540			
20	QPSK	1	1	14.55	14.58	14.61	15.2		0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	830550	833332	836166	Tune-up limit (dBm)	MPR (dB)	
				3457.5	3499.98	3542.48			
15	QPSK	1	1	14.49	14.61	14.49	15.2		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	830334	833332	836332	Tune-up limit (dBm)	MPR (dB)	
				3455.01	3499.98	3545.98			
10	QPSK	1	1	14.59	14.57	14.50	15.2		0.0

Part270_n77_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	14.51	14.64	14.65	15.2	0.0	
100	PI2 BPSK	1	137	14.59	14.72	14.62			
100	PI2 BPSK	1	271	14.53	14.66	14.65			
100	PI2 BPSK	135	0	14.56	14.69	14.60			
100	PI2 BPSK	135	69	14.58	14.69	14.68	15.2	0.0	
100	PI2 BPSK	135	138	14.54	14.67	14.65	15.2	0.0	
100	PI2 BPSK	270	0	14.61	14.74	14.68			
100	QPSK	1	1	14.60	14.79	14.70			
100	QPSK	1	137	14.51	14.64	14.66			
100	QPSK	1	271	14.53	14.68	14.66	15.2	0.0	
100	QPSK	135	0	14.46	14.59	14.64	15.2	0.0	
100	QPSK	135	69	14.61	14.74	14.65	15.2	0.0	
100	QPSK	135	138	14.53	14.66	14.53			
100	QPSK	270	0	14.58	14.69	14.61	15.2	0.0	
100	16QAM	1	1	14.57	14.70	14.60			
100	64QAM	1	1	14.62	14.75	14.63			
100	256QAM	1	1	14.56	14.69	14.64			
Channel									
Frequency (MHz)									
90	QPSK	1	1	14.51	14.64	14.57	15.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.53	14.66	14.55	15.2	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	14.43	14.70	14.56	15.2	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	14.57	14.70	14.61	15.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	14.53	14.66	14.58	15.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	14.57	14.69	14.61	15.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	14.51	14.64	14.59	15.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	14.62	14.75	14.61	15.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	14.52	14.65	14.61	15.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.51	14.64	14.56	15.2	0.0	

Part27Q_n77_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	14.48	633332	3059.98			
100	PI2 BPSK	1	137	14.52			15.2	0.0	
100	PI2 BPSK	1	271	14.47					
100	PI2 BPSK	135	0	14.47			15.2	0.0	
100	PI2 BPSK	135	69	14.50			15.2	0.0	
100	PI2 BPSK	135	138	14.51			15.2	0.0	
100	PI2 BPSK	270	0	14.53					
100	QPSK	1	1	14.62					
100	QPSK	1	137	14.58			15.2	0.0	
100	QPSK	1	271	14.52					
100	QPSK	135	0	14.55			15.2	0.0	
100	QPSK	135	69	14.59			15.2	0.0	
100	QPSK	135	138	14.51			15.2	0.0	
100	QPSK	270	0	14.58					
100	16QAM	1	1	14.54			15.2	0.0	
100	64QAM	1	1	14.61			15.2	0.0	
100	256QAM	1	1	14.58			15.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	14.48	633332	636400	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.48	634002	634998	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	14.51	635334	634332	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	14.57	634958	635198	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	14.58	635332	635000	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	14.57	634998	635250	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	14.52	635332	636000	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	14.55	634998	635400	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	14.53	635332	636168	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.59	634575	635429	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.59	635598	634498	Tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.59	635498	635498	Tune-up limit	MPR	(dB)

Part27O_n77_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 3500	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	14.51	14.64	14.65			
100	PI2 BPSK	1	137	14.59	14.72	14.82	15.2	0.0	
100	PI2 BPSK	1	271	14.53	14.66	14.85			
100	PI2 BPSK	135	0	14.56	14.69	14.80	15.2	0.0	
100	PI2 BPSK	135	69	14.56	14.69	14.88	15.2	0.0	
100	PI2 BPSK	135	138	14.54	14.67	14.85	15.2	0.0	
100	PI2 BPSK	270	0	14.61	14.74	14.88			
100	QPSK	1	1	14.56	14.79	14.70			
100	QPSK	1	137	14.51	14.64	14.66	15.2	0.0	
100	QPSK	1	271	14.53	14.66	14.86			
100	QPSK	135	0	14.46	14.59	14.84	15.2	0.0	
100	QPSK	135	69	14.41	14.74	14.86	15.2	0.0	
100	QPSK	135	138	14.53	14.68	14.53	15.2	0.0	
100	QPSK	270	0	14.56	14.69	14.81			
100	16QAM	1	1	14.57	14.70	14.80	15.2	0.0	
100	64QAM	1	1	14.62	14.75	14.83	15.2	0.0	
100	256QAM	1	1	14.56	14.69	14.84	15.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	14.51	14.64	14.57	15.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.53	14.68	14.55	15.2	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	14.43	14.76	14.56	15.2	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	14.57	14.70	14.61	15.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	14.53	14.68	14.58	15.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	14.52	14.65	14.62	15.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	14.51	14.64	14.59	15.2	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	14.62	14.75	14.61	15.2	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	14.52	14.65	14.61	15.2	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	14.51	14.64	14.65	15.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		15.37				
100	PI2 BPSK	1	137		15.37		16.7	0.0	
100	PI2 BPSK	1	271		15.32				
100	PI2 BPSK	135	0		15.29		16.7	0.0	
100	PI2 BPSK	135	69		15.43		16.7	0.0	
100	PI2 BPSK	135	138		15.36		16.7	0.0	
100	PI2 BPSK	270	0		15.41				
100	QPSK	1	1		15.44				
100	QPSK	1	137		15.38		16.7	0.0	
100	QPSK	1	271		15.40				
100	QPSK	135	0		15.40		16.7	0.0	
100	QPSK	135	69		15.42		16.7	0.0	
100	QPSK	135	138		15.30		16.7	0.0	
100	QPSK	270	0		15.35				
100	16QAM	1	1		15.43		16.7	0.0	
100	64QAM	1	1		15.34		16.7	0.0	
100	256QAM	1	1		15.31		16.7	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	15.36	15.41	15.30	16.7	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	15.42	15.37	15.43	16.7	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	15.42	15.42	15.34	16.7	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	15.39	15.32	15.35	16.7	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.37	15.43	15.41	16.7	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	15.43	15.31	15.37	16.7	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.34	15.32	15.37	16.7	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.31	15.42	15.36	16.7	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.38	15.38	15.29	16.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.29	15.41	15.35	16.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	PI2 BPSK	1	1	15.18			16.7	0.0
100	PI2 BPSK	1	137	15.18				
100	PI2 BPSK	1	271	15.30				
100	PI2 BPSK	135	0	15.24			16.7	0.0
100	PI2 BPSK	135	69	15.23			16.7	0.0
100	PI2 BPSK	135	138	15.28			16.7	0.0
100	PI2 BPSK	270	0	15.23				
100	QPSK	1	1	15.31				
100	QPSK	1	137	15.18			16.7	0.0
100	QPSK	1	271	15.22				
100	QPSK	135	0	15.20			16.7	0.0
100	QPSK	135	69	15.29			16.7	0.0
100	QPSK	135	138	15.25				
100	QPSK	270	0	15.26			16.7	0.0
100	16QAM	1	1	15.26			16.7	0.0
100	64QAM	1	1	15.19			16.7	0.0
100	256QAM	1	1	15.24			16.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.30	15.29	15.19	16.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.27	15.27	15.22	16.7	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	15.29	15.19	15.20	16.7	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	15.23	15.18	15.18	16.7	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	15.28	15.16	15.23	16.7	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.19	15.25	15.23	16.7	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.30	15.17	15.23	16.7	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.24	15.24	15.18	16.7	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	15.30	15.20	15.24	16.7	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	15.30	15.23	15.16	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3499.98								
100	PI2 BPSK	1	1	15.37			16.7	0.0
100	PI2 BPSK	1	137	15.37				
100	PI2 BPSK	1	271	15.32				
100	PI2 BPSK	135	0	15.29			16.7	0.0
100	PI2 BPSK	135	69	15.43			16.7	0.0
100	PI2 BPSK	135	138	15.35			16.7	0.0
100	PI2 BPSK	270	0	15.41				
100	QPSK	1	1	15.44				
100	QPSK	1	137	15.38			16.7	0.0
100	QPSK	1	271	15.40				
100	QPSK	135	0	15.40			16.7	0.0
100	QPSK	135	69	15.42			16.7	0.0
100	QPSK	135	138	15.30				
100	QPSK	270	0	15.35			16.7	0.0
100	16QAM	1	1	15.43			16.7	0.0
100	64QAM	1	1	15.34			16.7	0.0
100	256QAM	1	1	15.31			16.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.36	15.41	15.30	16.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.42	15.37	15.43	16.7	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	15.42	15.42	15.34	16.7	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	15.39	15.32	15.35	16.7	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	15.37	15.43	15.41	16.7	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.43	15.31	15.37	16.7	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.34	15.32	15.37	16.7	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.31	15.42	15.36	16.7	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	15.39	15.38	15.29	16.7	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	15.29	15.41	15.35	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	PI2 BPSK	1	1	15.18			16.7	0.0
100	PI2 BPSK	1	137	15.18				
100	PI2 BPSK	1	271	15.30				
100	PI2 BPSK	135	0	15.24			16.7	0.0
100	PI2 BPSK	135	69	15.23			16.7	0.0
100	PI2 BPSK	135	138	15.28			16.7	0.0
100	PI2 BPSK	270	0	15.23				
100	QPSK	1	1	15.31				
100	QPSK	1	137	15.18			16.7	0.0
100	QPSK	1	271	15.22				
100	QPSK	135	0	15.20			16.7	0.0
100	QPSK	135	69	15.29			16.7	0.0
100	QPSK	135	138	15.25				
100	QPSK	270	0	15.26			16.7	0.0
100	16QAM	1	1	15.26			16.7	0.0
100	64QAM	1	1	15.19			16.7	0.0
100	256QAM	1	1	15.24			16.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.30	15.29	15.19	16.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.27	15.27	15.22	16.7	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	15.29	15.19	15.20	16.7	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	15.23	15.18	15.18	16.7	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	15.28	15.16	15.23	16.7	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.19	15.25	15.23	16.7	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.30	15.17	15.23	16.7	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.24	15.24	15.18	16.7	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	15.30	15.20	15.24	16.7	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	15.30	15.23	15.16	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Free	Power Middle Ch. / Free	Power High Ch. / Free	Time-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3499.98				
100	P2 BPSK	1	1	15.76				
100	P2 BPSK	1	137	15.75			17.0	0.0
100	P2 BPSK	1	271	15.66				
100	P2 BPSK	135	0	15.63			17.0	0.0
100	P2 BPSK	135	69	15.74			17.0	0.0
100	P2 BPSK	135	138	15.68				
100	P2 BPSK	270	0	15.70			17.0	0.0
Channel								
Frequency (MHz)				15.78				
100	QPSK	1	1	15.78				
100	QPSK	1	137	15.75			17.0	0.0
100	QPSK	1	271	15.70				
100	QPSK	135	0	15.69			17.0	0.0
100	QPSK	135	69	15.74			17.0	0.0
100	QPSK	135	138	15.73				
100	QPSK	270	0	15.72			17.0	0.0
100	56QAM	1	1	16.48			17.0	0.0
100	56QAM	1	1	15.76			17.0	0.0
100	256QAM	1	1	15.75			17.0	0.0
Channel								
Frequency (MHz)				633000	633332	633666		
90	QPSK	1	1	15.70	15.75	15.76	17.0	MPR
Channel								
Frequency (MHz)				632698	633332	634000		
80	QPSK	1	1	15.67	15.63	15.65	17.0	0.0
Channel								
Frequency (MHz)				633332	633332	633332		
70	QPSK	1	1	15.63	15.76	15.69	17.0	0.0
Channel								
Frequency (MHz)				632000	633332	634666		
60	QPSK	1	1	15.76	15.66	15.73	17.0	0.0
Channel								
Frequency (MHz)				631668	633332	635000		
50	QPSK	1	1	15.63	15.72	15.73	17.0	0.0
Channel								
Frequency (MHz)				633332	633332	633332		
40	QPSK	1	1	15.75	15.70	15.63	17.0	0.0
Channel								
Frequency (MHz)				631000	633332	635666		
30	QPSK	1	1	15.63	15.67	15.64	17.0	MPR
Channel								
Frequency (MHz)				630668	633332	636000		
20	QPSK	1	1	15.66	15.75	15.68	17.0	0.0
Channel								
Frequency (MHz)				632500	633332	634166		
15	QPSK	1	1	15.75	15.77	15.71	17.0	0.0
Channel								
Frequency (MHz)				630334	633332	636332		
10	QPSK	1	1	15.75	15.72	15.70	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Free	Power Middle Ch./Free	Power High Ch./Free	Time-up limit (dBm)	MPR (dB)	
Channel									
	Frequency (MHz)				3750				
100	P12 BPSK	1	1	15.68	15.68				
100	P12 BPSK	1	137	15.68	15.68	17.0	0.0		
100	P12 BPSK	1	271	15.68	15.68				
100	P12 BPSK	135	0	15.58	15.58	17.0	0.0		
100	P12 BPSK	135	69	15.68	15.68	17.0	0.0		
100	P12 BPSK	135	138	15.65	15.65				
100	P12 BPSK	270	0	15.63	15.63	17.0	0.0		
100	QPSK	1	1	15.69	15.69				
100	QPSK	1	137	15.60	15.60	17.0	0.0		
100	QPSK	1	271	15.57	15.57				
100	QPSK	135	0	15.55	15.55	17.0	0.0		
100	QPSK	135	69	15.62	15.62	17.0	0.0		
100	QPSK	135	138	15.47	15.47	17.0	0.0		
100	QPSK	270	0	15.59	15.59				
100	8QAM	1	1	15.68	15.68	17.0	0.0		
100	8QAM	1	137	15.63	15.63	17.0	0.0		
100	256QAM	1	1	15.63	15.63				
Channel				646988	650000	650332	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745302	3750	3744794	(dBm)		
90	QPSK	1	1	15.67	15.59	15.61	17.0	0.0	
Channel				649334	650000	650666	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)		
80	QPSK	1	1	15.61	15.56	15.59	17.0	0.0	
Channel				649500	650000	651000	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	15.58	15.62	15.68	17.0	0.0	
Channel				646868	650000	651332	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3749.98	(dBm)		
60	QPSK	1	1	15.62	15.62	15.63	17.0	0.0	
Channel				648334	650000	651666	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)		
50	QPSK	1	1	15.55	15.58	15.68	17.0	0.0	
Channel				649303	650000	652000	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760	(dBm)		
40	QPSK	1	1	15.62	15.64	15.66	17.0	0.0	
Channel				647888	650000	652332	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3744.98	(dBm)		
30	QPSK	1	1	15.63	15.58	15.57	17.0	0.0	
Channel				647334	650000	650666	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)		
20	QPSK	1	1	15.58	15.64	15.64	17.0	0.0	
Channel				647168	650000	652168	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48	(dBm)		
15	QPSK	1	1	15.67	15.66	15.64	17.0	0.0	
Channel				647000	650000	653000	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	15.65	15.62	15.56	17.0	0.0	

Part27Q_n78_Ant 8 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co./Free	Power Middle Co./Free	Power High Co./Free	Turn-up limit (dBm)	MPR (dB)	
	Channel								
	Frequency (MHz)				3499.98				
100	P22 BPSK	1	1	15.76					
100	P22 BPSK	1	137	15.75			17.0	0.0	
100	P22 BPSK	1	271	15.68					
100	P22 BPSK	135	0	15.74			17.0	0.0	
100	P22 BPSK	135	69	15.63			17.0	0.0	
100	P22 BPSK	135	138	15.68					
100	P22 BPSK	270	0	15.70			17.0	0.0	
100	QPSK	1	1	15.78					
100	QPSK	1	137	15.75			17.0	0.0	
100	QPSK	1	271	15.70					
100	QPSK	135	0	15.69			17.0	0.0	
100	QPSK	135	69	15.74			17.0	0.0	
100	QPSK	135	138	15.73					
100	QPSK	270	0	15.72					
100	16QAM	1	1	15.68			17.0	0.0	
100	64QAM	1	1	15.76			17.0	0.0	
100	256QAM	1	1	15.75					
	Channel			633009	633332	633666	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3495	3499.98	3504.97			
90	QPSK	1	1	15.70	15.73	15.76	17.0	0.0	
	Channel			632968	633332	634000	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3490.02	3499.98	3510			
80	QPSK	1	1	15.67	15.63	15.65	17.0	0.0	
	Channel			632234	633332	634332	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3485.01	3499.98	3514.98			
70	QPSK	1	1	15.63	15.76	15.69	17.0	0.0	
	Channel			632000	633332	634666	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3480	3499.98	3518.99			
60	QPSK	1	1	15.76	15.68	15.73	17.0	0.0	
	Channel			631968	633332	635000	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3475.02	3499.98	3525			
50	QPSK	1	1	15.63	16.72	15.74	17.0	0.0	
	Channel			631334	633332	635332	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3470.01	3499.98	3529.98			
40	QPSK	1	1	15.75	15.70	15.73	17.0	0.0	
	Channel			631009	633332	635666	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3465	3499.98	3534.99			
30	QPSK	1	1	15.63	15.67	15.64	17.0	0.0	
	Channel			630968	633332	636000	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3460.02	3499.98	3540			
20	QPSK	1	1	15.66	15.75	15.68	17.0	0.0	
	Channel			630500	633332	636332	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3457.5	3499.98	3542.49			
15	QPSK	1	1	15.75	15.77	15.71	17.0	0.0	
	Channel			630334	633332	636332	Turn-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3455.01	3499.98	3544.98			
10	QPSK	1	1	15.76	15.72	15.70	17.0	0.0	

Part270_n78_Ant 8 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	15.68					
100	PI2 BPSK	1	137	15.66			17.0	0.0	
100	PI2 BPSK	1	271	15.68					
100	PI2 BPSK	135	0	15.58			17.0	0.0	
100	PI2 BPSK	135	69	15.59			17.0	0.0	
100	PI2 BPSK	135	138	15.63			17.0	0.0	
100	PI2 BPSK	270	0	15.63					
100	QPSK	1	1	15.69					
100	QPSK	1	137	15.60			17.0	0.0	
100	QPSK	1	271	15.57					
100	QPSK	135	0	15.55			17.0	0.0	
100	QPSK	135	69	15.62			17.0	0.0	
100	QPSK	135	138	15.47			17.0	0.0	
100	QPSK	270	0	15.59			17.0	0.0	
100	16QAM	1	1	15.66			17.0	0.0	
100	64QAM	1	1	15.63			17.0	0.0	
100	256QAM	1	1	15.63			17.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	15.67	15.59	15.61	17.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	15.61	15.56	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	15.59	15.62	15.63	17.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	15.62	15.62	15.63	17.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.55	15.58	15.68	17.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	15.62	15.64	15.66	17.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.63	15.58	15.57	17.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.58	15.64	15.64	17.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.67	15.66	15.64	17.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.65	15.62	15.56	17.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3499.98									
100	PI2 BPSK	1	1	12.53					
100	PI2 BPSK	1	137	12.50			13.7		0.0
100	PI2 BPSK	1	271	12.58					
100	PI2 BPSK	135	0	12.47			13.7		0.0
100	PI2 BPSK	135	69	12.53			13.7		0.0
100	PI2 BPSK	135	138	12.52			13.7		0.0
100	PI2 BPSK	270	0	12.45			13.7		0.0
100	QPSK	1	1	12.50					
100	QPSK	1	137	12.50			13.7		0.0
100	QPSK	1	271	12.59					
100	QPSK	135	0	12.56			13.7		0.0
100	QPSK	135	69	12.56			13.7		0.0
100	QPSK	135	138	12.55			13.7		0.0
100	QPSK	270	0	12.57			13.7		0.0
100	16QAM	1	1	12.59			13.7		0.0
100	64QAM	1	1	12.56			13.7		0.0
100	256QAM	1	1	12.57			13.7		0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	12.48	12.54	12.46	13.7		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	12.57	12.53	12.58	13.7		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	12.58	12.52	12.53	13.7		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	12.54	12.55	12.49	13.7		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	12.58	12.49	12.46	13.7		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	12.52	12.49	12.53	13.7		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	12.58	12.51	12.51	13.7		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	12.59	12.50	12.59	13.7		0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	12.49	12.45	12.50	13.7		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	12.45	12.57	12.47	13.7		0.0

Part270_n78_Ant 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	12.51	650000	653320			
100	PI2 BPSK	1	137	12.50			13.7	0.0	
100	PI2 BPSK	1	271	12.47					
100	PI2 BPSK	135	0	12.44			13.7	0.0	
100	PI2 BPSK	135	69	12.52			13.7	0.0	
100	PI2 BPSK	135	138	12.48			13.7	0.0	
100	PI2 BPSK	270	0	12.48					
100	QPSK	1	1	12.59					
100	QPSK	1	137	12.55			13.7	0.0	
100	QPSK	1	271	12.52					
100	QPSK	135	0	12.52			13.7	0.0	
100	QPSK	135	69	12.53			13.7	0.0	
100	QPSK	135	138	12.49			13.7	0.0	
100	QPSK	270	0	12.47			13.7	0.0	
100	16QAM	1	1	12.52			13.7	0.0	
100	64QAM	1	1	12.44			13.7	0.0	
100	256QAM	1	1	12.47			13.7	0.0	
Channel									
Frequency (MHz)				649950	650000	650030	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	12.48	12.49	12.51	13.7	0.0	
Channel									
Frequency (MHz)				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	12.51	3740.01	3750	3759.98	13.7	0.0
Channel									
Frequency (MHz)				648900	650000	651000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	12.58	3736	3760	3765	13.7	0.0
Channel									
Frequency (MHz)				3730.00	3750	3760	3769.98	13.7	0.0
60	QPSK	1	1	12.49	12.56	12.48	13.7	0.0	
Channel									
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	12.58	3722.01	3750	3774.99	13.7	0.0
Channel									
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	12.51	3720	3750	3780	13.7	0.0
Channel									
Frequency (MHz)				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	12.45	3715.00	3750	3784.98	13.7	0.0
Channel									
Frequency (MHz)				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	12.46	3710.01	3750	3789.98	13.7	0.0
Channel									
Frequency (MHz)				647166	650000	653332	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	12.46	3707.52	3750	3792.48	13.7	0.0
Channel									
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	12.55	3705	3750	3795	13.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low F / Freq.	Power Middle Ch F / Freq.	Power High Ch F / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
100	P12 BPSK	1	1	12.43	12.50	12.57	13.7	0.0
100	P12 BPSK	1	137	12.50	12.57	12.60	13.7	0.0
100	P12 BPSK	1	271	12.57	12.60	12.63	13.7	0.0
100	P12 BPSK	135	0	12.47	12.50	12.53	13.7	0.0
100	P12 BPSK	135	69	12.53	12.56	12.59	13.7	0.0
100	P12 BPSK	135	138	12.52	12.55	12.58	13.7	0.0
100	QPSK	270	0	12.45	12.48	12.51	13.7	0.0
100	QPSK	1	1	12.60	12.63	12.66	13.7	0.0
100	QPSK	1	137	12.50	12.53	12.56	13.7	0.0
100	QPSK	1	271	12.59	12.62	12.65	13.7	0.0
100	QPSK	135	0	12.56	12.59	12.62	13.7	0.0
100	QPSK	135	69	12.58	12.61	12.64	13.7	0.0
100	QPSK	135	138	12.55	12.58	12.61	13.7	0.0
100	QPSK	270	0	12.57	12.60	12.63	13.7	0.0
100	16QAM	1	1	12.59	12.62	12.65	13.7	0.0
100	64QAM	1	1	12.56	12.59	12.62	13.7	0.0
100	256QAM	1	1	12.57	12.60	12.63	13.7	0.0
Channel								
Frequency (MHz)				63300	63332	63366	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	12.48	12.54	12.46	13.7	0.0
Channel								
Frequency (MHz)				63268	63332	63400	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	12.57	12.49	12.58	13.7	0.0
Channel								
Frequency (MHz)				63332	63332	63332	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	12.58	12.49	12.53	13.7	0.0
Channel								
Frequency (MHz)				63200	63332	63466	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	12.54	12.55	12.49	13.7	0.0
Channel								
Frequency (MHz)				63168	63332	63500	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	12.58	12.49	12.46	13.7	0.0
Channel								
Frequency (MHz)				63132	63332	63532	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	12.52	12.49	12.53	13.7	0.0
Channel								
Frequency (MHz)				63100	63332	63566	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	12.55	12.49	12.51	13.7	0.0
Channel								
Frequency (MHz)				63068	63332	63600	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	12.59	12.50	12.59	13.7	0.0
Channel								
Frequency (MHz)				63032	63332	63666	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	12.49	12.45	12.50	13.7	0.0
Channel								
Frequency (MHz)				63034	63332	63632	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	12.47	12.57	12.47	13.7	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	
Channel							
Frequency (MHz)							
100	Pi2 BPSK	1	1	12,51	12,51		
100	Pi2 BPSK	1	137	12,50		13,7	0,0
100	Pi2 BPSK	1	271	12,47			
100	Pi2 BPSK	135	0	12,44		13,7	0,0
100	Pi2 BPSK	135	69	12,52		13,7	0,0
100	Pi2 BPSK	135	138	12,46		13,7	0,0
100	Pi2 BPSK	270	0	12,48			
100	QPSK	1	1	12,59			
100	QPSK	1	137	12,52		13,7	0,0
100	QPSK	1	271	12,52			
100	QPSK	135	0	12,56		13,7	0,0
100	QPSK	135	69	12,53		13,7	0,0
100	QPSK	135	138	12,49		13,7	0,0
100	QPSK	270	0	12,47			
100	64QAM	1	1	12,52		13,7	0,0
100	64QAM	1	1	12,44		13,7	0,0
100	256QAM	1	1	12,47		13,7	0,0
Channel							
Frequency (MHz)							
90	QPSK	1	1	12,48	12,49	12,51	13,7
Channel							
Frequency (MHz)							
80	QPSK	1	1	12,51	12,51	12,54	13,7
Channel							
Frequency (MHz)							
70	QPSK	1	1	12,58	12,46	12,55	13,7
Channel							
Frequency (MHz)							
60	QPSK	1	1	12,49	12,56	12,48	13,7
Channel							
Frequency (MHz)							
50	QPSK	1	1	12,58	12,46	12,51	13,7
Channel							
Frequency (MHz)							
40	QPSK	1	1	12,51	12,46	12,44	13,7
Channel							
Frequency (MHz)							
30	QPSK	1	1	12,46	12,58	12,49	13,7
Channel							
Frequency (MHz)							
20	QPSK	1	1	12,55	12,44	12,57	13,7
Channel							
Frequency (MHz)							
15	QPSK	1	1	12,46	12,51	12,55	13,7
Channel							
Frequency (MHz)							
10	QPSK	1	1	12,55	12,44	12,56	13,7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3469.98	3469.98				
100	P2 BPSK	1	1	14.18					
100	P2 BPSK	1	137	14.19			15.5	0.0	
100	P2 BPSK	1	271	14.29					
100	P2 BPSK	135	0	14.21			15.5	0.0	
100	P2 BPSK	135	69	14.24			15.5	0.0	
100	P2 BPSK	135	138	14.30			15.5	0.0	
100	P2 BPSK	270	0	14.28					
100	QPSK	1	1	14.31					
100	QPSK	1	137	14.18			15.5	0.0	
100	QPSK	1	271	14.29					
100	QPSK	135	0	14.14			15.5	0.0	
100	QPSK	135	69	14.25			15.5	0.0	
100	QPSK	135	138	14.24			15.5	0.0	
100	QPSK	270	0	14.29			15.5	0.0	
100	QPSK	1	1	14.27			15.5	0.0	
100	16QAM	1	1	14.22			15.5	0.0	
100	64QAM	1	1	14.22			15.5	0.0	
100	256QAM	1	1	14.20			15.5	0.0	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3469.98	3504.98			
90	QPSK	1	1	14.27	14.22	14.25	15.5	0.0	
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	14.28	14.21	14.21	15.5	0.0	
Channel				632332	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	14.24	14.26	14.19	15.5	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.98			
60	QPSK	1	1	14.26	14.20	14.25	15.5	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	14.28	14.30	14.18	15.5	0.0	
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	14.21	14.24	14.24	15.5	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.98			
30	QPSK	1	1	14.28	14.22	14.24	15.5	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3540			
20	QPSK	1	1	14.30	14.25	14.16	15.5	0.0	
Channel				630332	633332	636166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	14.20	14.18	14.27	15.5	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	13.18	14.30	14.18	15.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3750								
100	PI2 BPSK	1	1	14.18				
100	PI2 BPSK	1	137	14.17			15.5	0.0
100	PI2 BPSK	1	271	14.12				
100	PI2 BPSK	135	0	14.17			15.5	0.0
100	PI2 BPSK	135	69	14.20			15.5	0.0
100	PI2 BPSK	135	138	14.17			15.5	0.0
100	PI2 BPSK	270	0	14.23				
100	QPSK	1	1	14.28				
100	QPSK	1	137	14.18			15.5	0.0
100	QPSK	1	271	14.17				
100	QPSK	135	0	14.06			15.5	0.0
100	QPSK	135	69	14.19			15.5	0.0
100	QPSK	135	138	14.15			15.5	0.0
100	QPSK	270	0	14.13				
100	16QAM	1	1	14.22			15.5	0.0
100	84QAM	1	1	14.23			15.5	0.0
100	256QAM	1	1	14.22			15.5	0.0
Channel								
Frequency (MHz)								
3745.02 3750 3754.98								
90	QPSK	1	1	14.25	14.15	14.21	15.5	0.0
Channel								
Frequency (MHz)								
3740.01 3750 3759.99								
80	QPSK	1	1	14.17	14.14	14.20	15.5	0.0
Channel								
Frequency (MHz)								
3735 3750 3765								
70	QPSK	1	1	14.14	14.25	14.20	15.5	0.0
Channel								
Frequency (MHz)								
3730.02 3750 3769.98								
60	QPSK	1	1	14.11	14.19	14.13	15.5	0.0
Channel								
Frequency (MHz)								
3725.01 3750 3774.99								
50	QPSK	1	1	14.16	14.12	14.16	15.5	0.0
Channel								
Frequency (MHz)								
3720 3750 3760								
40	QPSK	1	1	14.19	14.10	14.17	15.5	0.0
Channel								
Frequency (MHz)								
3715.02 3750 3764.98								
30	QPSK	1	1	14.17	14.14	14.20	15.5	0.0
Channel								
Frequency (MHz)								
3710.01 3750 3769.99								
20	QPSK	1	1	14.19	14.15	14.11	15.5	0.0
Channel								
Frequency (MHz)								
3707.52 3750 3762.48								
15	QPSK	1	1	14.15	14.10	14.12	15.5	0.0
Channel								
Frequency (MHz)								
3705 3750 3765								
10	QPSK	1	1	14.17	14.11	14.14	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
3499.98								
100	PI2 BPSK	1	1	14.16				
100	PI2 BPSK	1	137	14.19			15.5	0.0
100	PI2 BPSK	1	271	14.29				
100	PI2 BPSK	135	0	14.21			15.5	0.0
100	PI2 BPSK	135	69	14.24			15.5	0.0
100	PI2 BPSK	135	138	14.30			15.5	0.0
100	PI2 BPSK	270	0	14.28				
100	QPSK	1	1	14.31				
100	QPSK	1	137	14.16			15.5	0.0
100	QPSK	1	271	14.29				
100	QPSK	135	0	14.14			15.5	0.0
100	QPSK	135	69	14.25			15.5	0.0
100	QPSK	135	138	14.24			15.5	0.0
100	QPSK	270	0	14.19				
100	16QAM	1	1	14.27			15.5	0.0
100	84QAM	1	1	14.22			15.5	0.0
100	256QAM	1	1	14.20			15.5	0.0
Channel								
Frequency (MHz)								
3495 3499.98 3504.99								
90	QPSK	1	1	14.27	14.22	14.25	15.5	0.0
Channel								
Frequency (MHz)								
3490.02 3499.98 3500								
80	QPSK	1	1	14.28	14.21	14.21	15.5	0.0
Channel								
Frequency (MHz)								
3485.01 3499.98 3504.98								
70	QPSK	1	1	14.24	14.20	14.19	15.5	0.0
Channel								
Frequency (MHz)								
3480 3499.98 3500								
60	QPSK	1	1	14.26	14.20	14.25	15.5	0.0
Channel								
Frequency (MHz)								
3475.02 3499.98 3500								
50	QPSK	1	1	14.28	14.30	14.18	15.5	0.0
Channel								
Frequency (MHz)								
3470.01 3499.98 3500								
40	QPSK	1	1	14.21	14.24	14.24	15.5	0.0
Channel								
Frequency (MHz)								
3465 3499.98 3504.98								
30	QPSK	1	1	14.28	14.22	14.24	15.5	0.0
Channel								
Frequency (MHz)								
3460.02 3499.98 3500								
20	QPSK	1	1	14.30	14.25	14.16	15.5	0.0
Channel								
Frequency (MHz)								
3457.5 3499.98 3502.49								
15	QPSK	1	1	14.20	14.18	14.27	15.5	0.0
Channel								
Frequency (MHz)								
3455.01 3499.98 3504.98								
10	QPSK	1	1	14.18	14.30	14.18	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
37500								
100	PI2 BPSK	1	1	14.18				
100	PI2 BPSK	1	137	14.17			15.5	0.0
100	PI2 BPSK	1	271	14.12				
100	PI2 BPSK	135	0	14.17			15.5	0.0
100	PI2 BPSK	135	69	14.20			15.5	0.0
100	PI2 BPSK	135	138	14.17			15.5	0.0
100	PI2 BPSK	270	0	14.23				
100	QPSK	1	1	14.26				
100	QPSK	1	137	14.18			15.5	0.0
100	QPSK	1	271	14.17				
100	QPSK	135	0	14.06			15.5	0.0
100	QPSK	135	69	14.19			15.5	0.0
100	QPSK	135	138	14.15			15.5	0.0
100	QPSK	270	0	14.13				
100	16QAM	1	1	14.22			15.5	0.0
100	84QAM	1	1	14.23			15.5	0.0
100	256QAM	1	1	14.22			15.5	0.0
Channel								
Frequency (MHz)								
649688 650000 650332								
90	QPSK	1	1	14.25	14.15	14.21	15.5	0.0
Channel								
Frequency (MHz)								
3740.01 3750 3759.98								
80	QPSK	1	1	14.17	14.14	14.20	15.5	0.0
Channel								
Frequency (MHz)								
3735 3750 3765								
70	QPSK	1	1	14.14	14.25	14.20	15.5	0.0
Channel								
Frequency (MHz)								
649688 650000 651332								
60	QPSK	1	1	14.11	14.19	14.13	15.5	0.0
Channel								
Frequency (MHz)								
3725.01 3750 3774.98								
50	QPSK	1	1	14.16	14.12	14.16	15.5	0.0
Channel								
Frequency (MHz)								
3730.02 3750 3769.98								
40	QPSK	1	1	14.19	14.16	14.17	15.5	0.0
Channel								
Frequency (MHz)								
647688 650000 652332								
30	QPSK	1	1	14.17	14.14	14.20	15.5	0.0
Channel								
Frequency (MHz)								
647334 650000 650666								
20	QPSK	1	1	14.10	14.15	14.11	15.5	0.0
Channel								
Frequency (MHz)								
647118 650000 650212								
15	QPSK	1	1	14.15	14.30	14.12	15.5	0.0
Channel								
Frequency (MHz)								
647000 650000 653000								
10	QPSK	1	1	14.17	14.11	14.14	15.5	0.0

2.4GHz WLAN			Full Power		Body Standalone		Head Standalone		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
802.11b Mbps	1	2412	18.00	18.00	17.24	18.00	16.47	17.20	100.00
	6	2437	17.80	18.00	17.33	18.00	15.90	17.20	
802.11g Mbps	1	2412	17.60	18.00	17.11	18.00	15.19	17.20	99.93
	6	2437	17.10	18.00	16.80	18.00	15.00	17.20	
802.11n-HT20 MCS0	1	2412	16.30	18.00	15.80	18.00	14.70	17.20	99.82
	6	2437	16.30	18.00	15.80	18.00	14.70	17.20	
802.11n-HT40 MCS0	1	2412	15.10	18.00	14.60	18.00	13.60	17.20	99.82
	6	2437	15.10	18.00	14.60	18.00	13.60	17.20	
802.11ac-VHT20 MCS0	2	2437	18.00	18.00	17.24	18.00	16.47	17.20	99.82
	11	2462	18.00	18.00	17.24	18.00	16.47	17.20	
802.11ac-VHT40 MCS0	2	2437	17.80	18.00	17.24	18.00	16.20	17.20	99.82
	6	2437	17.80	18.00	17.24	18.00	16.20	17.20	
802.11ax-HE20 MCS0	2	2437	18.00	18.00	17.24	18.00	16.47	17.20	99.93
	6	2437	18.00	18.00	17.24	18.00	16.47	17.20	
802.11ax-HE40 MCS0	2	2437	17.80	18.00	17.24	18.00	16.20	17.20	99.93
	6	2437	17.80	18.00	17.24	18.00	16.20	17.20	
802.11be-EHT20 MCS0	2	2437	18.00	18.00	17.24	18.00	16.47	17.20	99.93
	6	2437	18.00	18.00	17.24	18.00	16.47	17.20	
802.11be-EHT40 MCS0	2	2437	17.80	18.00	17.24	18.00	16.20	17.20	99.94
	6	2437	17.80	18.00	17.24	18.00	16.20	17.20	

		5.2GHz WLAN				Full Power		Body Standalone		Head Standalone		Duty Cycle %
Mode		Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit			
5.2GHz WLAN	802.11a (Mbps)	36	5180	18.07	19.50			14.50	14.50	99.53		
		40	5200	18.44	20.00	18.44	20.00	14.50	14.50			
	44	5220	18.58	20.00			15.50	14.50	99.45			
	48	5240	18.78	20.00	18.78	20.00	14.50	14.50				
	802.11n-HT20 MCS0	44	5220	18.58	18.50			14.50	14.50	99.45		
		48	5240	18.78	20.00	18.78	20.00	14.50	14.50			
	802.11n-HT40 MCS0	48	5240	18.62	18.50		Not Required	14.50	14.50	99.63		
		48	5240	18.62	20.00	18.62	20.00	Not Required	14.50			
	802.11ac-VHT20 MCS0	48	5240	18.62	18.00	20.00	18.62	20.00	14.50	14.50	99.45	
		48	5240	18.62	20.00	18.62	20.00	14.50	14.50			
	802.11ac-VHT40 MCS0	48	5240	18.62	Required	20.00	18.62	20.00	14.50	14.50	99.63	
		48	5240	18.62	20.00	18.62	20.00	14.50	14.50			
802.11ax-HE20 MCS0	48	5240	18.62	17.24	14.50	14.30	13.50	14.50	14.50	99.45		
	48	5240	17.50	18.50			14.50	14.50				
5.2GHz WLAN	802.11ax-HE20 MCS0	48	5240	18.40	20.00			14.50	14.50	99.45		
		48	5240	18.40	20.00	18.40	20.00	14.50	14.50			
	802.11ax-HE40 MCS0	48	5240	18.27	20.00			14.50	14.50	100.00		
		48	5240	18.27	19.50	18.27	19.50	14.50	14.50			
	802.11ax-HE40 MCS0	48	5240	18.58	20.00			14.50	14.50	100.00		
		48	5240	18.58	20.00	18.58	20.00	14.50	14.50			
	802.11be-HE20 MCS0	48	5240	18.44	17.50		Not Required	14.50	14.50	99.63		
		48	5240	18.44	17.50	18.44	17.50	14.50	14.50			
	802.11be-EHT20 MCS0	48	5240	18.40	17.50			14.50	14.50	99.63		
		48	5240	18.40	17.50	18.40	17.50	14.50	14.50			
	802.11be-EHT40 MCS0	48	5240	18.21	17.50			14.50	14.50	100.00		
		48	5240	18.21	17.50	18.21	17.50	14.50	14.50			
802.11be-EHT80 MCS0	48	5240	18.25	17.50			14.50	14.50	100.00			
	48	5240	18.25	17.50	18.25	17.50	14.50	14.50				

5.8GHz WLAN			Full Power		Body Standalone		Head Standalone		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
802.11a (Mbps)	52	5300	18.49	20.00	18.00	20.00	18.00	20.00	99.53
	56	5320	18.38	20.00	18.00	20.00	18.00	20.00	
	60	5300	18.44	20.00	18.00	20.00	18.00	20.00	
	64	5315	18.51	20.00	18.00	20.00	18.00	20.00	
	68	5330	18.38	20.00	18.00	20.00	18.00	20.00	
	72	5345	18.44	20.00	18.00	20.00	18.00	20.00	
802.11n-HT20 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.45
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11n-HT40 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.63
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11ac-VHT20 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.45
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11ac-VHT40 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.63
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11ax-HE20 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.45
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11ax-HE40 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.45
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11be-EHT20 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.63
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11be-EHT40 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.63
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11be-EHT80 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	99.63
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	
802.11be-EHT160 MCS0	56	5320	18.44	20.00	18.00	20.00	18.00	20.00	100.00
	60	5340	18.51	20.00	18.00	20.00	18.00	20.00	

	5.8GHz WLAN				Full Power		Body Standalone		Head Standalone		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)		Time-Up Limit			
						Avg	Max	Avg	Max		
E-SIGNS WLAN	802.11a (Mbps)	100	5500	18.68	20.00	18.00	20.00	14.00	14.00	99.53	
		116	5560	18.92	20.00	18.00	20.00	14.00	14.00		
		124	5620	18.68	20.00	18.00	20.00	14.00	14.00		
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
	802.11n-HT20 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	99.45	
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
	802.11n-HT40 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	99.63	
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
	802.11ac-VHT20 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	99.45	
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
802.11ac-VHT40 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	99.63		
	140	5700	18.92	20.00	18.00	20.00	14.00	14.00			
	802.11ax-VHT20 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	100.00	
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
	802.11ax-VHT40 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	100.00	
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
	802.11ax-HE20 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	99.45	
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
	802.11ax-HE40 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	99.63	
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
	802.11ax-HE80 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	100.00	
		140	5700	18.92	20.00	18.00	20.00	14.00	14.00		
802.11be-EHT20 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	100.00		
	140	5700	18.92	20.00	18.00	20.00	14.00	14.00			
802.11be-EHT40 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	100.00		
	140	5700	18.92	20.00	18.00	20.00	14.00	14.00			
802.11be-EHT80 MCS0	124	5620	18.68	20.00	18.00	20.00	14.00	14.00	100.00		
	140	5700	18.92	20.00	18.00	20.00	14.00	14.00			

5.8GHz WLAN			Full Power		Body Standalone		Head Standalone		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
802.11a Mbps	148	5745	21.00	22.50	18.00	22.50	18.00	22.50	99.53	
	152	5765	21.33	22.50	18.00	22.50	18.00	22.50		
	149	5746	21.75	22.50	18.00	22.50	18.00	22.50	99.45	
	153	5766	22.00	22.50	18.00	22.50	18.00	22.50		
	802.11n720 MCS0	156	5820	21.60	22.50	Not Required	18.00	18.00	22.50	99.63
	158	5832	21.99	22.50	Not Required	18.00	18.00	22.50		
802.11n720 MCS0	159	5856	21.99	22.50	Not Required	18.00	18.00	22.50	99.63	
161	5880	22.38	22.50	Not Required	18.00	18.00	22.50			
5.8GHz WLAN	802.11acVHT20 MCS0	149	5746	22.60	18.00	18.00	18.00	18.00	99.45	
	153	5766	22.60	18.00	18.00	18.00	18.00	18.00		
	802.11acVHT20 MCS0	156	5820	22.60	18.00	18.00	18.00	18.00	99.45	
	159	5856	22.60	18.00	18.00	18.00	18.00	18.00		
	802.11acVHT80 MCS0	159	5856	21.75	22.50	17.33	18.00	17.75	18.00	99.63
	161	5880	22.14	22.50	17.75	18.00	17.75	18.00		
802.11acHE20 MCS0	157	5832	21.20	22.50	18.00	22.50	18.00	22.50	99.45	
159	5856	21.35	22.50	18.00	22.50	18.00	22.50			
802.11acHE40 MCS0	151	5790	20.91	22.50	18.00	22.50	18.00	22.50	100.00	
153	5814	21.06	22.50	18.00	22.50	18.00	22.50			
802.11acHE80 MCS0	159	5856	21.77	22.50	Not Required	18.00	18.00	22.50	100.00	
161	5880	22.14	22.50	Not Required	18.00	18.00	22.50			
802.11acVHT20 MCS0	149	5746	22.49	20.00	Not Required	18.00	18.00	18.00	99.63	
153	5766	22.88	20.00	Not Required	18.00	18.00	18.00			
802.11acVHT40 MCS0	156	5826	21.44	20.00	18.00	20.00	18.00	20.00	99.63	
158	5838	21.83	20.00	18.00	20.00	18.00	20.00			
802.11acVHT80 MCS0	159	5856	21.84	20.00	18.00	20.00	18.00	20.00	100.00	
161	5880	22.23	20.00	18.00	20.00	18.00	20.00			
802.11acVHT160 MCS0	159	5856	23.44	20.00	18.00	20.00	18.00	20.00	100.00	

Appendix E

Report No. : FA5O1021

2.4GHz WLAN				Full Power						Body Standalone						Head Standalone						Duty Cycle %
Mode	Channel	Frequency Y (MHz)	RU Config	Ant 13 Averager power (dBm)	Ant 6 Time-Up Limit	Ant 6 Averager power (dBm)	Ant 13#4 Time-Up Limit	Ant 6#4 Averager power (dBm)	Ant 13 Time-Up Limit	Ant 6 Averager power (dBm)	Ant 13#4 Time-Up Limit	Ant 6#4 Averager power (dBm)	Ant 13 Time-Up Limit	Ant 6 Averager power (dBm)	Ant 13#4 Time-Up Limit	Ant 6#4 Averager power (dBm)						
802.11a Mbps	1	2412	F	Full																		
	6	2437	F	Full																		
	11	2462	F	Full																		
	1	2412	F	Full	14.60	14.50	14.50	17.56	18.00				16.00		16.00	18.00						
	6	2437	F	Full	17.10	16.50	17.00	18.55	20.06	21.50			16.00		16.00	18.00						
	11	2462	F	Full	14.60	14.50	14.50	17.56	18.00	20.00	14.10	14.00	16.00	17.00	16.00	18.00						
	1	2412	F	Full	12.40	13.60	12.10	13.59	15.56	18.00			Not Required		Not Required	13.50	14.50					
	6	2437	F	Full	14.10	15.00	14.00	15.00	16.00	17.00			Not Required		Not Required	14.00	15.00					
	6	2437	F	Full	15.70	16.50	17.10	18.50	19.51	21.00	14.30	14.00	16.00	17.00	16.00	18.00						
	11	2462	F	Full	17.10	16.50	17.00	18.55	19.06	20.00	14.10	14.00	16.00	17.00	16.00	18.00						
	11	2462	F	Full	14.10	15.00	14.00	15.00	16.00	17.00			14.10	14.00	16.00	17.00						
	802.11n HT20 MCS0	1	2412	F	Full	12.40	13.60	12.10	13.59	15.56	18.00			Not Required		Not Required	13.50	14.50				
6		2437	F	Full	14.10	15.00	14.00	15.00	16.00	17.00			Not Required		Not Required	14.00	15.00					
6		2437	F	Full	15.70	16.50	17.10	18.50	19.51	21.00	14.30	14.00	16.00	17.00	16.00	18.00						
11		2462	F	Full	17.10	16.50	17.00	18.55	19.06	20.00	14.10	14.00	16.00	17.00	16.00	18.00						
1		2412	F	Full	13.60	15.00	13.30	15.50	16.56	18.00			13.60	15.50	13.50	15.50						
6		2437	F	Full	12.90	14.50	12.50	14.50	15.56	17.00			12.90	14.50	12.50	14.50						
11		2462	F	Full	14.60	16.00	14.30	16.00	17.00	18.00			14.60	16.00	14.30	16.00						
2		2417	F	Full	18.00	18.00	18.00	18.00	18.00	18.00			18.00	18.00	18.00	18.00						
6		2437	F	Full	13.60	15.00	13.30	15.50	16.56	18.00			13.60	15.50	13.50	15.50						
11		2462	F	Full	14.60	16.00	14.30	16.00	17.00	18.00			14.60	16.00	14.30	16.00						
3		2422	F	Not Required	17.00	17.00	17.00	17.00	17.00	17.00			17.00	17.00	17.00	17.00						
6		2437	F	Not Required	14.00	14.00	14.00	14.00	14.00	14.00			14.00	14.00	14.00	14.00						
802.11n HT40 MCS0	1	2412	F	Full	12.40	13.60	12.10	13.59	15.56	18.00			Not Required		Not Required	13.50	14.50					
	6	2437	F	Full	14.10	15.00	14.00	15.00	16.00	17.00			Not Required		Not Required	14.00	15.00					
	6	2437	F	Full	15.70	16.50	17.10	18.50	19.51	21.00	14.30	14.00	16.00	17.00	16.00	18.00						
	11	2462	F	Full	17.10	16.50	17.00	18.55	19.06	20.00	14.10	14.00	16.00	17.00	16.00	18.00						
	1	2412	F	Full	12.40	13.60	12.10	13.59	15.56	18.00			Not Required		Not Required	13.50	14.50					
	6	2437	F	Full	14.10	15.00	14.00	15.00	16.00	17.00			Not Required		Not Required	14.00	15.00					
	6	2437	F	Full	15.70	16.50	17.10	18.50	19.51	21.00	14.30	14.00	16.00	17.00	16.00	18.00						
	11	2462	F	Full	17.10	16.50	17.00	18.55	19.06	20.00	14.10	14.00	16.00	17.00	16.00	18.00						
	1	2412	F	Full	13.60	15.00	13.30	15.50	16.56	18.00			13.60	15.50	13.50	15.50						
	6	2437	F	Full	12.90	14.50	12.50	14.50	15.56	17.00			12.90	14.50	12.50	14.50						
	11	2462	F	Full	14.60	16.00	14.30	16.00	17.00	18.00			14.60	16.00	14.30	16.00						
	3	2422	F	Not Required	17.00	17.00	17.00	17.00	17.00	17.00			17.00	17.00	17.00	17.00						
2.4GHz WLAN	1	2412	F	Full	11.50	12.00	11.50	14.21	14.60				13.00		13.00	16.00	13.00					
	6	2437	F	Full	9.50	9.50	9.50	8.92	9.50				9.50		9.50	9.50						
	11	2462	F	Full	8.50	8.50	8.50	11.95	12.50				8.50		8.50	12.50						
	1	2412	F	Full	10.40	10.50	10.50	13.21	14.50				11.50		11.50	14.50						
	6	2437	F	Full	16.40	16.00	16.10	18.00	19.00	21.00			16.00		16.00	19.00						
	6	2437	F	Full	16.40	16.00	16.10	18.00	19.00	21.00			16.00		16.00	19.00						
	11	2462	F	Full	16.40	16.00	16.10	18.00	19.00	21.00			16.00		16.00	19.00						
	1	2412	F	Full	10.40	10.50	10.50	13.21	14.50				11.50		11.50	14.50						
	6	2437	F	Full	16.40	16.00	16.10	18.00	19.00	21.00			16.00		16.00	19.00						
	11	2462	F	Full	16.40	16.00	16.10	18.00	19.00	21.00			16.00		16.00	19.00						
	1	2412	F	Full	10.40	10.50	10.50	13.21	14.50				11.50		11.50	14.50						
	6	2437	F	Full	16.40	16.00	16.10	18.00	19.00	21.00			16.00		16.00	19.00						
11	2462	F	Full	16.40	16.00	16.10	18.00	19.00	21.00			16.00		16.00	19.00							
802.11a-HE40 MCS0	1	2412	F	Full	12.10	14.00	12.10	14.00	15.11	17.00			14.00		14.00	17.00	14.00					
	6	2437	F	Full	15.10	13.10	15.10	15.50	16.51	18.00			13.10		13.10	16.00						
	6	2437	F	Full	15.10	13.10	15.10	15.50	16.51	18.00			13.10		13.10	16.00						
	11	2462	F	Full	12.10	14.00	12.10	14.00	15.11	17.00			14.00		14.00	17.00						
	1	2412	F	Full	12.10	14.00	12.10	14.00	15.11	17.00			14.00		14.00	17.00						
	6	2437	F	Full	15.10	13.10	15.10	15.50	16.51	18.00			13.10		13.10	16.00						
	6	2437	F	Full	15.10	13.10	15.10	15.50	16.51	18.00			13.10		13.10	16.00						
	11	2462	F	Full	12.10	14.00	12.10	14.00	15.11	17.00			14.00		14.00	17.00						
	1	2412	F	Full	12.10	14.00	12.10	14.00	15.11	17.00			14.00		14.00	17.00						
	6	2437	F	Full	15.10	13.10	15.10	15.50	16.51	18.00			13.10		13.10	16.00						
	6	2437	F	Full	15.10	13.10	15.10	15.50	16.51	18.00			13.10		13.10	16.00						
	11	2462	F	Full	12.10	14.00	12.10	14.00	15.11	17.00			14.00		14.00	17.00						
802.11b-EHT40 MCS0	1	2412	F	Full	9.50	9.50	9.50	9.50	12.40	9.50			9.50		9.50	12.50	9.50					
	6	2437	F	Full	8.50	8.50	8.50	12.40	9.50	9.50			8.50		8.50	12.50						
	11	2462	F	Full	8.50	8.50	8.50	12.40	9.50	9.50			8.50		8.50	12.50						
	1	2412	F	Full	9.50	9.50	9.50	9.50	12.40	9.50			9.50		9.50	12.50						
	6	2437	F	Full	8.50	8.50	8.50	12.40	9.50	9.50			8.50		8.50	12.50						
	11	2462	F	Full	8.50	8.50	8.50	12.40	9.50	9.50			8.50		8.50	12.50						
	1	2412	F	Full	9.50	9.50	9.50	9.50	12.40	9.50			9.50		9.50	12.50						
	6	2437	F	Full	8.50	8.50	8.50	12.40	9.50	9.50			8.50		8.50	12.50						
	11	2462	F	Full	8.50	8.50	8.50	12.40	9.50	9.50			8.50		8.50	12.50						
	1	2412	F	Full	9.50	9.50	9.50	9.50	12.40	9.50			9.50		9.50	12.50						
	6	2437	F	Full	8.50	8.50	8.50	12.40	9.50	9.50			8.50		8.50	12.50						
	11	2462	F	Full	8.50	8.50	8.50	12.40	9.50	9.50			8.50		8.50	12.50						
802.11b-EHT40 MCS0	1	2412	F	Full	12.80	14.00	12.80	15.53	17.00	14.00			14.00		14.00	17.00	14.00					
	6	2437	F	Full	15.80	15.00	15.80	15.53	16.50	18.00			15.00		15.00	16.00						
	6	2437	F	Full	15.80	15.00	15.80	15.53	16.50	18.00			15.00		15.00	16.00						
	11	2462	F	Full	12.80	14.00	12.80	15.53	17.00	14.00			14.00		14.00	17.00						
	1	2412	F	Full	12.80	14.00	12.80	15.53	17.00	14.00			14.00		14.00	17.00						
	6	2437	F	Full	15.80	15.00	15.80	15.53	16.50	18.00			15.00		15.00	16.00						
	6	2437	F	Full	15.80	15.00	15.80	15.53	16.50	18.00			15.00		15.00	16.00						
	11	2462	F	Full	12.80	14.00	12.80	15.53	17.00	14.00			14.00		14.00	17.00						
	1	2412	F	Full	12.80	14.00	12.80	15.53	17.00	14.00			14.00		14.00	17.00						
	6	2437	F	Full	15.80	15.00	15.80	15.53	16.50	18.00			15.00		15.00	16.00						
	6	2437	F	Full	15.80	15.00	15.80	15.53	16.50	18.00			15.00		15.00	16.00						
	11	2462	F	Full	12.80	14.00	12.80	15.53	17.00	14.00			14.00		14.00	17.00						
6.0GHz WLAN	36	5180	F	Full	15.26	17.00	15.23	17.00	18.76	20.00			15.50		15.50	13.50	14.50					
	40	5200	F	Full	15.33	17.00	15.26	17.00	18.83	20.00			15.50		15.50	13.50	14.50					
	44	5220	F	Full	15.40	17.00	15.29	17.00	18.92	20.00			15.50		15.50	13.50	14.50					
	48	5240	F	Full	15.39	17.00	15.26	17.00	18.86	20.00			15.50		15.50	13.50	14.50					
	52	5260	F	Full	15.38	17.00	15.31	17.00	18.91	20.00			15.50		15.50	13.50	14.50					
	56	5280	F	Full	15.3																	



Appendix E

Report No. : FA5O1021

[illegible]

Indoor client	WiFi 6E										Duty Cycle %	
	Mode		WiFi 6E		Full Power		Full Power		Full Power			
	Mode	Mode	Channel	Freq (MHz)	RU Config.	Average power (dBm)	Time-Up (min)	Average power (dBm)	Time-Up (min)	Average power (dBm)		Time-Up (min)
UNI 5 (5.925-6.425GHz)	802.11a 6Mbps		45	6175	FULL	-2.30	-1.00	-2.51	-1.00	0.63	2.00	99.05
			93	6415	FULL	-1.89	-1.00	-2.39	-1.00	0.83	2.00	
			1	5955	FULL	-2.53	-1.00	-2.77	-1.00	0.31	2.00	
	802.11a-HE20 MCS0		1	5955	26/0	-7.18	-6.00	-7.78	-6.00	-4.48	-3.00	99.82
			45	6175	FULL	-2.37	-1.00	-2.85	-1.00	0.40	2.00	
			93	6415	FULL	-2.50	-1.00	-2.79	-1.00	0.30	2.00	
	802.11a-HE40 MCS0		3	5965	FULL	-0.58	1.00	-0.91	1.00	2.26	4.00	99.63
			45	6175	FULL	-0.53	1.00	-0.97	1.00	2.25	4.00	
			91	6405	FULL	-0.84	1.00	-0.84	1.00	2.12	4.00	
	802.11a-HE80 MCS0		7	5985	FULL	5.88	7.00	5.57	7.00	8.72	10.00	99.82
			39	6145	FULL	6.31	7.00	5.50	7.00	8.89	10.00	
			87	6385	FULL	5.96	7.00	5.79	7.00	8.88	10.00	
802.11a-HE160 MCS0		15	6025	FULL	6.31	8.00	6.53	8.00	11.43	12.00	99.82	
		47	6185	FULL	6.36	8.00	6.51	8.00	11.04	12.00		
		79	6345	FULL	7.67	9.00	8.97	9.50	11.04	12.00		
802.11a-EHT20 MCS0		1	5955	26/0	-7.12	-6.00	-7.71	-6.00	-4.40	-3.00	99.63	
		45	6175	FULL	-4.41	-3.00	-4.60	-3.00	-2.54	0.00		
		93	6415	FULL	-1.18	0.00	-1.45	0.00	1.69	3.00		
802.11a-EHT40 MCS0		45	6175	52+26 CFDMA	-4.09	-3.00	-4.59	-3.00	-1.32	0.00	99.63	
		93	6415	100+26 CFDMA	-1.12	0.00	-1.53	0.00	1.69	3.00		
		3	5965	FULL	-2.28	-1.00	-2.74	-1.00	0.50	2.00		
802.11a-EHT80 MCS0		43	6165	FULL	-0.44	1.00	-0.52	1.00	2.23	4.00	99.63	
		15	6025	FULL	-0.72	1.00	-0.82	1.00	2.24	4.00		
		7	5985	Large RU 484+242	6.00	7.00	5.69	7.00	8.85	10.00		
802.11a-EHT160 MCS0		39	6145	Puncturing 20M	5.40	1.00	5.54	1.00	3.49	4.00	99.63	
		87	6385	Puncturing 20M	6.41	7.00	5.48	7.00	8.98	10.00		
		39	6145	Puncturing 40M	6.04	7.00	5.90	7.00	8.89	10.00		
802.11a-EHT320 MCS0		15	6025	Large RU 1900+480	5.34	7.00	4.44	7.00	9.30	12.00	99.63	
		47	6185	Puncturing 20M	6.06	7.00	5.78	7.00	8.93	10.00		
		79	6345	Puncturing 40M	6.70	8.00	6.75	8.00	11.73	12.00		
802.11b-EHT20 MCS0		31	6105	Large RU 1900+2484	6.19	8.00	8.27	8.00	11.15	12.00	99.63	
		97	6435	Large RU 1900+2484	6.01	8.00	8.32	8.00	11.20	12.00		
		107	6485	Puncturing BSM+40M	6.02	8.00	8.26	8.00	11.15	12.00		
802.11b-EHT40 MCS0		111	6505	Puncturing 20M	7.58	8.00	12.22	8.00	13.36	14.00	99.05	
		127	6585	Puncturing 40M	7.94	8.00	6.33	8.00	11.15	12.00		
		63	6025	FULL	8.00	8.00	8.80	8.00	11.44	12.00		
802.11b-EHT80 MCS0		97	6435	52+26 CFDMA	7.88	8.00	6.59	8.00	11.20	12.00	99.05	
		105	6475	100+26 CFDMA	-1.00	0.00	-1.29	0.00	1.87	3.00		
		113	6515	FULL	-1.14	0.00	-1.01	0.00	1.93	3.00		
802.11b-EHT160 MCS0		97	6435	26/0	-3.09	-2.00	-3.37	-2.00	-0.76	1.00	99.82	
		113	6515	FULL	-1.56	0.00	-1.26	0.00	1.62	3.00		
		99	6445	FULL	-1.66	0.00	-1.40	0.00	1.48	3.00		
802.11b-EHT320 MCS0		107	6485	FULL	-1.63	0.00	-1.37	0.00	1.51	3.00	99.63	
		103	6465	FULL	-2.77	4.00	-2.72	4.00	5.70	6.00		
		107	6485	FULL	2.87	4.00	2.90	4.00	5.89	7.00		
UNI 6 (6.425-6.525GHz)	802.11a-HE80 MCS0		119	6545	FULL	2.69	4.00	3.02	4.00	5.86	7.00	99.82
			103	6465	FULL	2.68	4.00	2.02	4.00	5.86	7.00	
			115	6525	FULL	7.52	8.00	8.01	8.00	10.78	12.00	99.82
	802.11a-HE160 MCS0		111	6505	FULL	8.01	8.00	8.50	8.00	11.53	12.00	99.82
			111	6505	FULL	-1.28	0.00	-1.68	0.00	1.57	3.00	
			97	6435	26/0	-3.04	-2.00	-3.44	-2.00	-1.23	0.00	99.63
	802.11b-EHT20 MCS0		97	6435	52+26 CFDMA	-0.52	0.00	-1.17	0.00	1.96	3.00	99.63
			105	6475	100+26 CFDMA	-3.09	-2.00	-1.49	-2.00	0.00	1.00	
			113	6515	FULL	-1.51	0.00	-1.26	0.00	1.62	3.00	
	802.11b-EHT40 MCS0		99	6445	FULL	-1.50	0.00	-1.25	0.00	1.62	3.00	99.63
			115	6525	FULL	2.88	4.00	2.88	4.00	5.89	7.00	
			115	6525	FULL	2.82	4.00	3.14	4.00	5.99	7.00	
802.11b-EHT80 MCS0		123	6665	FULL	6.31	7.00	6.31	7.00	9.20	10.00	99.63	
		111	6505	FULL	7.81	8.00	8.13	8.00	10.82	12.00	99.63	
		111	6505	FULL	8.13	8.00	8.72	8.00	11.44	12.00	99.63	
802.11b-EHT160 MCS0		117	6535	FULL	3.20	1.00	0.53	1.00	3.38	4.00	99.05	
		149	6695	FULL	-0.47	1.00	-0.47	1.00	2.95	4.00	99.05	
		185	6875	FULL	-0.46	1.00	-0.18	1.00	2.69	4.00		
802.11a 6Mbps		185	6875	FULL	3.59	5.00	3.97	5.00	6.79	8.00	99.05	
		117	6535	FULL	-0.33	1.00	-0.11	1.00	2.45	4.00		
		117	6535	26/0	-6.25	-6.00	-6.28	-6.00	-3.28	-2.00	99.82	
802.11a-HE20 MCS0		117	6535	52/0	-3.08	-2.00	-3.17	-2.00	-0.76	1.00	99.82	
		181	6855	FULL	-0.45	1.00	-0.41	1.00	3.21	4.00		
		181	6855	FULL	-0.43	1.00	-0.39	1.00	2.71	4.00		
802.11a-HE40 MCS0		185	6875	FULL	3.02	5.00	3.93	5.00	6.51	8.00	99.63	
		123	6665	FULL	2.93	4.00	1.13	4.00	6.21	7.00		
		123	6665	FULL	2.69	4.00	3.97	4.00	6.38	7.00		
802.11a-HE80 MCS0		179	6845	FULL	2.76	4.00	3.35	4.00	6.07	7.00	99.63	
		157	6705	FULL	7.50	8.00	7.58	8.00	10.87	12.00	99.82	
		157	6705	FULL	7.51	8.00	7.92	8.00	10.72	12.00		
802.11a-HE160 MCS0		183	6865	FULL	7.56	8.00	7.85	8.00	10.72	12.00	99.82	
		143	6605	FULL	6.20	1.00	6.20	1.00	6.20	1.00		
		179	6845	FULL	7.71	9.00	8.14	9.50	10.94	12.00		
UNI 7 (6.525-6.885GHz)	802.11b-EHT20 MCS0		117	6535	26/0	-5.19	-5.00	-6.21	-5.00	-3.19	-2.00	99.63
			117	6535	52/0	-3.25	-2.00	-3.10	-2.00	-0.14	0.00	
			149	6695	52+26 CFDMA	-3.18	-2.00	-3.14	-2.00	-0.13	0.00	99.63
	802.11b-EHT40 MCS0		149	6695	100+26 CFDMA	1.50	3.00	0.87	3.00	4.11	6.00	99.63
			181	6855	FULL	-0.38	1.00	0.08	1.00	2.86	4.00	
			185	6875	FULL	3.15	5.00	4.00	5.00	6.80	8.00	
	802.11b-EHT80 MCS0		123	6665	FULL	2.87	4.00	3.29	4.00	5.95	7.00	99.63
			187	6885	FULL	7.81	8.00	8.41	8.00	11.13	12.00	
			135	6625	FULL	7.66	8.00	7.70	8.00	10.89	12.00	
	802.11b-EHT160 MCS0		151	6705	FULL	7.63	8.00	8.01	8.00	10.83	12.00	99.63
			187	6885	FULL	7.58	8.00	8.00	8.00	10.80	12.00	
			183	6865	FULL	7.61	8.00	7.94	8.00	10.78	12.00	
802.11b-EHT320 MCS0		143	6605	FULL	7.66	8.00	8.54	8.00	11.12	12.00	99.63	
		159	6745	FULL	8.04	8.00	8.34	8.00	11.29	12.00	99.63	
		229	7095	Puncturing 20M	3.29	6.00	3.48	6.00	6.35	8.00	99.05	
802.11a 6Mbps		229	7095	FULL	3.03	6.00	3.04	6.00	6.05	8.00	99.05	
		189	7055	FULL	3.42	5.00	3.08	5.00	6.21	8.00		
		209	6995	FULL	3.05	5.00	3.05	5.00	6.06	8.00		
802.11a-HE20 MCS0		229	7095	52/0	-5.02	-3.00	-4.88	-3.00	-1.89	0.00	99.82	
		189	7055	52+26 CFDMA	-1.86	0.00	-1.83	0.00	1.16	3.00		
		229	7095	100+26 CFDMA	1.61	3.00	1.42	3.00	4.30	6.00		
802.11a-HE40 MCS0		195	6925	FULL	8.04	8.00	8.59	8.00	11.33	12.00	99.63	
		227	7035	FULL	7.80	8.00	7.71	8.00	10.60	12.00		
		195	6925	FULL	7.58	8.00	8.27	8.00	10.95	12.00	99.82	
802.11a-HE80 MCS0		227	7035	FULL	8.13	8.00	8.13	8.00	10.83	12.00	99.82	
		207	6985	FULL	7.78	8.00	8.28	8.00	11.19	12.00	99.82	
		209	6995	FULL	3.12	5.00	3.13	5.00	6.11	8.00		
802.11a-EHT20 MCS0		229	7095	52/0	-3.26	-2.00	-3.10	-2.00	-0.18	0.00	99.63	
		189	7055	FULL	-4.86	-3.00	-4.82	-3.00	-2.86	-2.00		
		229	7095	100+26 CFDMA	-1.73	0.00	-1.68	0.00	1.31	3.00		
802.11a-EHT40 MCS0		195	6925	52+26 CFDMA	1.60	3.00	1.45	3.00	4.34	6.00	99.63	
		207	6985	FULL	7.99	8.00	8.65	8.00	11.34	12.00	99.63	
		193	6945	FULL	7.71	8.00	8.42	8.00	11.09	12.00		
802.11a-EHT80 MCS0		215	7025	Large RU 484+242	6.74	8.00	8.25	8.00	10.96	12.00	99.63	
		207	6985	Puncturing 20M	7.12	9.00	7.93	9.00	10.95	12.00		
		207	6985	Large RU 1900+480	7.00	8.00	8.43	8.00	10.95	12.00		
802.11a-EHT160 MCS0		207	6985	Large RU 1900+480	7.32	8.00	8.18	8.00	10.78	12.00	99.63	
		207	6985	Puncturing 40M	7.11	8.00	7.93	8.00	10.95	12.00		
		207	6985	Puncturing 40M	7.15	8.00	8.70	8.00	11.29	12.00		
802.11b-EHT320 MCS0		191	6905	Large RU 1900+2484	7.19	8.00	8.09	8.00	10.63	12.00	99.63	
		191	6905	Large RU 1900+2484	7.19	8.00	8.23	8.00	10.70	12.00		
		191	6905	Puncturing BSM+40M	7.00	8.00	8.14	8.00	10.60	12.00		
802.11b-EHT320 MCS0		191	6905	Puncturing 20M	7.00	8.00	8.14	8.00	10.60	12.00	99.63	
		191	6905	Puncturing 40M								

Standard client

Mode	Mode	Channel	Frequency (MHz)	RU Config	Full Power				Duty Cycle %			
					Average power (dBm)	Time-up Limit	Average power (dBm)	Time-up Limit		Average power (dBm)	Time-up Limit	
UNI 6 (5.925-6.425GHz)	802.11a 6Mbps	1	5925	FuL	-2.25	-1.00	-2.51	-1.90	0.63	2.00		
		45	6175	FuL	-2.10	-1.00	-2.71	-1.90	0.62	2.00		
		93	6415	FuL	-1.95	-1.00	-2.89	-1.80	0.53	2.00		
		1	5965	FuL	-2.51	-1.00	-2.87	-1.80	0.31	2.00		
		250	250	FuL	-7.18	-6.00	-7.78	-6.00	-4.46	-3.00		
		52337	52337	FuL	-4.47	-3.00	-4.76	-3.00	-1.61	8.00		
		10653	10653	FuL	-1.24	0.00	-1.52	0.00	1.63	3.00		
		45	6175	FuL	-2.37	-1.00	-2.85	-1.80	0.45	2.00		
		93	6415	FuL	-2.50	-1.00	-2.79	-1.80	0.35	2.00		
		3	5965	FuL	-0.58	1.00	-0.91	1.00	2.28	4.00		
	802.11a-HE40 MCS0	43	6165	FuL	-0.33	1.00	-0.97	1.00	2.25	4.00		
		91	6405	FuL	-0.54	1.00	-0.94	1.00	2.12	4.00		
		39	6165	FuL	-0.85	2.00	-0.97	2.00	8.22	10.00		
		87	6385	FuL	-0.91	2.00	-1.34	2.00	8.85	10.00		
		802.11a-HE160 MCS0	15	6025	FuL	-0.31	9.00	-0.53	9.00	11.43	12.00	
			47	6185	FuL	-0.56	9.00	-0.81	9.00	11.59	12.00	
			79	5345	FuL	-2.55	-1.00	-2.71	-1.80	1.04	2.00	
			1	5965	FuL	-2.55	-1.00	-2.71	-1.80	1.04	2.00	
			250	250	FuL	-7.12	-6.00	-7.71	-6.00	-4.40	-3.00	
			52337	52337	FuL	-4.41	-3.00	-4.69	-3.00	-1.54	8.00	
	10653		10653	FuL	-1.18	0.00	-1.45	0.00	1.69	3.00		
	45		6175	FuL	-2.35	-1.00	-2.82	-1.80	0.52	2.00		
	93		6415	FuL	-2.38	-1.00	-2.66	-1.80	0.49	2.00		
	3		5965	FuL	-0.46	1.00	-0.79	1.00	2.38	4.00		
	802.11b-EHT320 MCS0	47	6185	FuL	-0.44	1.00	-0.82	1.00	2.33	4.00		
		91	6405	FuL	-0.72	1.00	-0.82	1.00	2.24	4.00		
		7	5985	Large RU 484+242	0.00	7.00	5.69	7.00	8.85	10.00		
		39	6165	Puncturing 20M	0.45	1.00	0.33	1.00	3.40	4.00		
		87	6385	FuL	0.04	7.00	5.48	7.00	8.85	10.00		
		31	6105	Large RU 996+484	6.04	9.00	8.68	9.00	11.67	12.00		
		15	6025	Puncturing 40M	5.96	7.00	5.75	7.00	8.87	10.00		
		47	6185	Puncturing 40M	5.96	7.00	5.75	7.00	8.87	10.00		
		79	5345	FuL	0.70	9.00	8.75	9.00	11.73	12.00		
		31	6105	Large RU 996+484	6.01	9.00	8.77	9.00	11.73	12.00		
	802.11b-EHT160 MCS0	31	6105	Puncturing 80M	6.07	9.00	8.32	9.00	11.21	12.00		
		31	6105	Puncturing 80M	6.12	9.00	8.26	9.00	11.20	12.00		
		31	6105	Puncturing 80M	7.58	9.00	8.22	9.00	11.10	12.00		
		31	6105	Puncturing 80M	7.54	9.00	8.33	9.00	11.15	12.00		
		63	6265	FuL	0.54	9.00	8.60	9.00	11.44	12.00		
		117	6535	FuL	0.20	1.00	0.53	1.00	3.58	4.00		
149		6695	FuL	-0.47	1.00	0.34	1.00	2.95	4.00			
181		6855	FuL	-0.46	1.00	-0.18	1.00	2.60	4.00			
185		6875	FuL	3.05	5.00	4.37	5.00	6.79	8.00			
117		6535	FuL	-0.25	1.00	-0.11	1.00	2.90	4.00			
UNI 6 (5.925-6.885GHz)	802.11a 6Mbps	250	250	FuL	-6.25	-6.00	-6.28	-6.00	-3.26	-3.00		
		52337	52337	FuL	-3.26	-2.00	-3.17	-2.00	-0.21	1.00		
		10653	10653	FuL	-1.48	3.00	1.65	3.00	4.57	6.00		
		149	6695	FuL	-0.40	1.00	0.41	1.00	3.01	4.00		
		185	6875	FuL	-0.42	1.00	-0.56	1.00	2.29	4.00		
		123	6655	FuL	3.02	5.00	3.93	5.00	6.51	8.00		
		147	6815	FuL	2.69	4.00	3.97	4.00	6.38	7.00		
		179	6845	FuL	2.75	4.00	3.35	4.00	6.07	7.00		
		135	6625	FuL	7.70	9.00	8.24	9.00	10.38	12.00		
		151	6705	FuL	7.54	9.00	7.58	9.00	10.57	12.00		
	802.11a-HE80 MCS0	167	6765	FuL	7.53	9.00	7.92	9.00	10.74	12.00		
		183	6865	FuL	7.56	9.00	7.88	9.00	10.72	12.00		
		802.11a-HE160 MCS0	143	6665	FuL	7.55	9.00	8.41	9.00	11.00	12.00	
			175	6825	FuL	7.71	9.00	8.14	9.00	10.94	12.00	
			802.11b-EHT320 MCS0	117	6535	FuL	-0.22	1.00	0.24	1.00	3.02	4.00
				250	250	FuL	-6.18	-6.00	-6.21	-6.00	-3.18	-3.00
				52337	52337	FuL	-3.20	-2.00	-3.10	-2.00	-0.14	1.00
				10653	10653	FuL	1.54	3.00	1.72	3.00	4.64	6.00
				52x26	52x26	CFDMA	-3.15	-2.00	-3.14	-2.00	-0.13	1.00
				149	6695	FuL	-0.41	1.00	0.34	1.00	3.10	4.00
	181			6855	FuL	-0.38	1.00	0.08	1.00	2.86	4.00	
	185			6875	FuL	3.10	5.00	4.00	5.00	6.58	8.00	
	123	6655		FuL	2.57	4.00	3.29	4.00	5.95	7.00		
	147	6815		FuL	2.80	4.00	4.11	4.00	6.51	7.00		
	802.11b-EHT40 MCS0	179	6845	FuL	2.89	4.00	3.49	4.00	6.21	7.00		
		187	6885	FuL	7.81	9.00	8.41	9.00	11.13	12.00		
		802.11b-EHT80 MCS0	135	6625	FuL	7.68	9.00	7.70	9.00	10.68	12.00	
			151	6705	FuL	7.63	9.00	8.01	9.00	10.83	12.00	
			167	6765	FuL	7.58	9.00	8.00	9.00	10.80	12.00	
			183	6865	FuL	7.61	9.00	7.84	9.00	10.78	12.00	
			802.11b-EHT160 MCS0	143	6665	FuL	7.65	9.00	8.54	9.00	11.52	12.00
				175	6825	FuL	7.87	9.00	8.28	9.00	11.06	12.00

Bluetooth										Duty Cycle %		
Mode	Channel	Frequency (MHz)	Default/Ful		Body/Hotspot		Head					
			Art 13		Art 13		Art 13					
			Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit				
Bluetooth	BR / EDR 1Mbps	0	2402	18.83	20.00	18.01	19.00	15.22	16.00	77.07%		
		39	2441	19.20	20.00	18.01	19.00	15.25	16.00			
		78	2480	18.13	20.00	17.02	19.00	14.63	16.00			
	BR / EDR 2Mbps	0	2402	14.06	15.50	13.82	15.50	13.68	15.50	77.07%		
		39	2441	14.47	15.50	14.15	15.50	14.12	15.50			
		78	2480	13.65	15.50	13.71	15.50	13.59	15.50			
	BR / EDR 3Mbps	0	2402	14.12	15.50	13.81	15.50	13.63	15.50	77.07%		
		39	2441	14.53	15.50	14.12	15.50	14.08	15.50			
		78	2480	13.70	15.50	13.74	15.50	13.55	15.50			
	LE 1Mbps	0	2402	17.00	18.50	Not Required	Not Required	15.50	16.00	61.90%		
		19	2440	17.30	18.50			15.50	16.00			
		39	2480	16.60	18.50			15.50	16.00			
	LE 2Mbps	1	2404	16.90	18.50			15.50	16.00	33.33%		
		19	2440	17.20	18.50			15.50	16.00			
		39	2478	17.30	18.50			15.50	16.00			
	LE 125Kbps	0	2402	7.20	8.00			Not Required	Not Required	8.00	8.00	82.93%
		19	2440	6.90	8.00					8.00	8.00	
		39	2480	6.10	8.00					8.00	8.00	
	LE 500Kbps	0	2402	7.10	8.00					8.00	8.00	56.91%
		19	2440	6.80	8.00					8.00	8.00	
		39	2480	6.00	8.00					8.00	8.00	

<Bluetooth>										Duty Cycle %
Mode	Channel	Frequency (MHz)	Default/Ful		Body/Hotspot		Head			
			Art 6		Art 6		Art 6			
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
Bluetooth	BR / EDR 1Mbps	0	2402	18.65	20.00	17.21	17.50	16.85	17.00	77.07%
		39	2441	18.81	20.00	18.64	17.50	16.27	17.00	
		78	2480	18.39	20.00	18.30	17.50	15.94	17.00	
	BR / EDR 2Mbps	0	2402	15.12	15.50	14.96	15.50	14.96	15.50	76.86%
		39	2441	14.80	15.50	14.65	15.50	14.67	15.50	
		78	2480	14.44	15.50	14.27	15.50	14.26	15.50	
	BR / EDR 3Mbps	0	2402	15.14	15.50	14.92	15.50	14.91	15.50	77.07%
		39	2441	14.83	15.50	14.63	15.50	14.63	15.50	
		78	2480	14.50	15.50	14.23	15.50	14.23	15.50	
	LE 1Mbps	0	2402	17.70	18.50	Not Required	Not Required	17.50	17.00	61.90%
		19	2440	17.20	18.50			17.50	17.00	
		39	2480	17.10	18.50			17.50	17.00	
	LE 2Mbps	1	2404	16.90	18.50			17.50	17.00	33.33%
		19	2440	17.10	18.50			17.50	17.00	
		38	2478	17.80	18.50			17.50	17.00	
	LE 125Kbps	0	2402	7.60	8.00			8.00	8.00	82.93%
		19	2440	7.40	8.00			8.00	8.00	
		39	2480	6.70	8.00			8.00	8.00	
	LE 500Kbps	0	2402	7.70	8.00			8.00	8.00	56.91%
		19	2440	7.30	8.00			8.00	8.00	
		39	2480	6.60	8.00			8.00	8.00	