

Power Mode for DSI 1

Band 2_Ant 1											Band 4_Ant 1											Band 5_Ant 1											Band 7_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power Ch./Frac	Power Hsp./Ch./Frac	Power Hsp./Ch./Frac	Time-up (s)	MPR (dB)		BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power Ch./Frac	Power Hsp./Ch./Frac	Power Hsp./Ch./Frac	Time-up (s)	MPR (dB)		BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power Ch./Frac	Power Hsp./Ch./Frac	Power Hsp./Ch./Frac	Time-up (s)	MPR (dB)		BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power Ch./Frac	Power Hsp./Ch./Frac	Power Hsp./Ch./Frac	Time-up (s)	MPR (dB)	
Channel											Channel											Channel											Channel										
Frequency (MHz)											Frequency (MHz)											Frequency (MHz)											Frequency (MHz)										
20	QPSK	1	0	18.60	18.60	18.60					20	QPSK	1	0	17.20	17.20	17.20					10	QPSK	1	0	82.0	82.0	82.0					20	QPSK	1	0	25.0	25.0	25.0				
20	QPSK	1	49	18.58	18.62	18.58			19	0	20	QPSK	1	49	18.76	18.69	18.72			20	0	10	QPSK	1	25	20.78	20.83	20.86			22	0	20	QPSK	1	49	18.59	18.61	18.42		19.2	0	
20	QPSK	1	99	18.48	18.39	18.54					20	QPSK	1	99	18.43	18.60	18.48						20	QPSK	1	99	18.37	18.63	18.36					20	QPSK	1	99	18.48	18.48	18.26			
20	QPSK	60	0	18.63	18.63	18.63			19	0	20	QPSK	60	0	18.76	18.72	18.82					10	QPSK	60	0	20.78	20.83	20.78			22	0	20	QPSK	60	24	18.7	18.54	18.56			19.2	0
20	QPSK	60	50	18.63	18.69	18.69					20	QPSK	60	50	18.76	18.76	18.79					10	QPSK	60	50	20.78	20.83	20.78			22	0	20	QPSK	60	50	18.59	18.66	18.56				
20	QPSK	1	0	18.63	18.63	18.63			19	0	20	QPSK	1	0	18.82	18.81	18.77					10	QPSK	1	0	20.81	20.81	20.77			22	0	20	QPSK	1	49	18.67	18.64	18.34				
20	QPSK	1	49	18.67	18.68	18.67			19	0	20	QPSK	1	49	18.75	18.8	18.71			20	0	10	QPSK	1	25	20.78	20.84	20.83			22	0	20	QPSK	1	49	18.76	18.66	18.78			19.2	0
20	QPSK	1	99	18.62	18.62	18.62					20	QPSK	1	99	18.63	18.74	18.63						10	QPSK	1	25	20.78	20.82	20.78			22	0	20	QPSK	1	99	18.67	18.66	18.34			
20	QPSK	60	0	18.63	18.74	18.68					20	QPSK	60	0	18.74	18.73	18.75					10	QPSK	60	0	20.8	20.82	20.84			22	0	20	QPSK	60	50	18.68	18.66	18.65				
20	QPSK	60	24	18.71	18.6	18.63			19	0	20	QPSK	60	24	18.72	18.83	18.82					10	QPSK	60	24	20.78	20.79	20.87			22	0	20	QPSK	60	24	18.74	18.74	18.6			19.2	0
20	QPSK	100	0	18.72	18.6	18.74					20	QPSK	100	0	18.73	18.73	18.77					10	QPSK	100	0	20.78	20.8	20.78			22	0	20	QPSK	100	50	18.76	18.66	18.62				
20	QPSK	1	0	18.73	18.71	18.4			19	0	20	QPSK	1	0	18.82	18.72	18.77					10	QPSK	1		20.82	20.82	20.78			22	0	20	QPSK	1	5	18.78	18.8	18.31			19.2	0
20	QPSK	49	18.5	18.6	18.6	18.6					20	QPSK	49	18.5	18.62	18.73	18.62						10	QPSK	49	18.5	20.82	20.82	20.78			22	0	20	QPSK	49	18.5	18.62	18.6	18.6			
20	QPSK	1	99	18.76	18.25	18.67					20	QPSK	1	99	18.4	18.68	18.79						10	QPSK	1	49	20.83	20.71	20.83			22	0	20	QPSK	1	99	18.73	18.67	18.81			
20	QPSK	60	0	18.67	18.65	18.71					20	QPSK	60	0	18.66	18.76	18.77						10	QPSK	60	0	19.99	19.97	20.03			22	0	20	QPSK	60	50	18.72	18.73	18.58			
20	QPSK	60	24	18.72	18.62	18.68					20	QPSK	60	24	18.73	18.7	18.78						10	QPSK	60	24	20.78	20.8	20.72			22	0	20	QPSK	60	50	18.69	18.69	18.54			
20	QPSK	60	50	18.69	18.75	18.64			19	0	20	QPSK	60	50	18.68	18.73	18.86					10	QPSK	60	50	20.82	20.86	19.97			21	1	20	QPSK	60	50	18.64	18.68	18.57			19.2	0
20	QPSK	100	0	18.63	18.6	18.58					20	QPSK	100	0	18.73	18.78	18.77					10	QPSK	100	0	20	20.8	20.98	19.97			21	1	20	QPSK	100	50	18.69	18.59	18.59			
20	QPSK	1	0	17.38	17.47	17.34					20	QPSK	1	0	17.49	17.44	17.54						10	QPSK	1	0	17.49	17.44	17.54			21	1	20	QPSK	1	0	17.49	17.44	17.54			
20	QPSK	1	49	17.42	17.34	17.34			18	1	20	QPSK	1	49	17.48	17.57	17.61						10	QPSK	1	49	17.48	17.57	17.61			19	3	20	QPSK	1	49	17.23	17.37	17.24			18.2
20	QPSK	1	99	17.42	17.36	17.39					20	QPSK	1	99	17.55	17.55	17.57						10	QPSK	1	99	17.55	17.55	17.57			20	QPSK	1	99	17.27	17.34	17.34					
20	QPSK	60	0	17.35	17.47	17.35					20	QPSK	60	0	17.47	17.48	17.53						10	QPSK	60	0	17.49	17.5	17.53			20	QPSK	60	50	17.29	17.35	17.34					
20	QPSK	60	24	17.41	17.36	17.54			18	1	20	QPSK	60	24	17.51	17.53	17.54						10	QPSK	60	24	17.48	17.49	17.56			19	3	20	QPSK	60	24	17.22	17.33	17.27			18.2
20	QPSK	60	50	17.46	17.34	17.46					20	QPSK	60	50	17.50	17.59	17.69						10	QPSK	60	50	17.50	17.56	17.69			20	QPSK	60	50	17.31	17.23	17.32					
20	QPSK	100	0	17.46	17.42	17.36					20	QPSK	100	0	17.51	17.57	17.51						10	QPSK	100	0	17.51	17.57	17.51			20	QPSK	100	50	17.23	17.21	17.27					
Channel											Channel											Channel											Channel										
Frequency (MHz)											Frequency (MHz)											Frequency (MHz)											Frequency (MHz)										
15	QPSK	1	0	18.43	18.43	18.43					15	QPSK	1	0	18.49	18.49	18.49					15	QPSK	1	0	82.5	82.5	82.5					15	QPSK	1	0	20.82	20.82	20.82				
15	QPSK	1	37	18.46	18.49	18.47					15	QPSK	1	37	18.64	18.65	18.65					15	QPSK	1	37	18.46	18.55	18.55			19.2	0	15	QPSK	1	37	18.46	18.55	18.55				
15	QPSK	1	74	18.38	18.27	18.52					15	QPSK	1	74	18.49	18.53	18.62					15	QPSK	1	74	18.42	18.47	18.23					15	QPSK	1	74	18.42	18.47	18.23				
15	QPSK	60	0	18.63	18.63	18.63					15	QPSK	60	0	18.76	18.72	18.82					15	QPSK	60	0	20.78	20.83	20.78			22	0	15	QPSK	60	0	18.63	18.61	18.58				
15	QPSK	60	24	18.63	18.51	18.64					15	QPSK	60	24	18.67	18.66	18.70					15	QPSK	60	24	20.78	20.8	20.72			22	0	15	QPSK	60	24	18.68	18.67	18.52				
15	QPSK	36	39	18.58	18.67	18.61					15	QPSK	36	39	18.69	18.73	18.68					15	QPSK	36	39	18.54	18.62	18.48					15	QPSK	36	39	18.54	18.62	18.48				
15	QPSK	36	48	18.61	18.59	18.63					15	QPSK	36	48	18.67	18.72	18.70					15	QPSK	36	48	18.61	18.67	18.59					15	QPSK	36	48	18.61	18.67	18.59				
15	QPSK	1	0	18.50	18.52	18.52					15	QPSK	1	0	18.67	18.66	18.72					15	QPSK	1	0	20.74	20.73	20.74			22	0	15	QPSK	1	0	18.51	18.58	18.72				
15	QPSK	1	37	18.63	18.60	18.58					15	QPSK	1	37	18.66	18.79	18.68			20	0	15	QPSK	1	37	18.69	18.74	18.78			22	0	15	QPSK	1	37	18.69	18.63	18.64			19.2	0
15	QPSK	1	74	18.53	18.57	18.48					15	QPSK	1	74	18.65	18.65	18.78					15	QPSK	1	74	18.54	18.58	18.48					15	QPSK	1	74	18.54	18.58	18.48				
15	QPSK	60	0	18.54	18.52	18.58					15	QPSK	60	0	18.71	18.72	18.71					15	QPSK	60	0	20.8	20.8	20.81			22	0	15	QPSK	60	0	18.51	18.54	18.55				
15	QPSK	36	20	18.58	18.48	18.48					15	QPSK	36	20	18.62	18.75	18.71					15	QPSK	36	20	18.63	18.60	18.62			22	0	15	QPSK	36	20	18.63	18.60	18.62			19.2	0
15	QPSK	36	48	18.61	18.61	18.61					15	QPSK	36	48	18.67	18.71	18.71					15	QPSK	36	48	18.61	18.67	18.67					15	QPSK	36	48	18.61	18.67	18.67				
15	QPSK	1	0	18.71	18.68	18.62					15	QPSK	1	0	18.72	18.62	18.76					15	QPSK																				

Band 26_Ant 1										
RF (MHz)	Modulation	RB Size	RF Offset	Power (mW)	Power (mW) Ch. 1/Freq.	Power (mW) Ch. 2/Freq.	Power (mW) Ch. 3/Freq.	Turn-up time (s)	MPE (dB)	
Channel										
Frequency (MHz)				26765	26815	26865				
15	QPSK	1	0	20.85	20.85	20.85	20.85			
15	QPSK	1	37	20.85	20.77	20.83		22	0	
15	QPSK	1	74	20.73	20.73	20.73				
15	QPSK	1	111	20.85	20.85	20.85				
15	QPSK	36	20	20.82	20.9	20.9		22	0	
15	QPSK	36	56	20.88	20.88	20.88				
15	QPSK	36	93	20.78	20.78	20.78				
15	HQAM	1	0	20.81	20.9	20.93				
15	HQAM	1	37	20.85	20.83	20.83		22	0	
15	HQAM	1	74	20.82	20.82	20.82				
15	HQAM	36	20	20.91	20.9	20.9				
15	HQAM	36	56	20.79	20.91	20.82		22	0	
15	HQAM	36	93	20.83	20.83	20.83				
15	HQAM	75	0	20.14	20.95	20.11		21		
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	1	0	20.84	20.86	20.82		22	0	
15	HQAM	1	37	20.82	20.82	20.82				
15	HQAM	1	74	20.78	20.88	20.45				
15	HQAM	36	0	20.22	20.12	19.98				
15	HQAM	36	36	20.22	20.12	19.98				
15	HQAM	36	36	20.14	20.95	20.11				
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	1	37	17.71	17.78	17.78		19	3	
15	HQAM	1	74	17.75	17.78	17.86				
15	HQAM	36	20	17.75	17.78	17.86				
15	HQAM	36	56	17.73	17.73	17.69		19	3	
15	HQAM	36	93	17.80	17.71	17.69				
15	HQAM	75	0	17.83	17.83	17.83				
15	HQAM	75	0	20.14	20.95	20.11		Turn-up time (s)	MPE (dB)	
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	1	0	20.81	20.81	20.81				
15	HQAM	1	37	20.81	20.81	20.81		22	0	
15	HQAM	1	74	20.78	20.78	20.78				
15	HQAM	36	20	20.78	20.78	20.78				
15	HQAM	36	56	20.78	20.78	20.78				
15	HQAM	36	93	20.78	20.78	20.78				
15	HQAM	75	0	20.04	20.61	20.08		21	1	
15	HQAM	75	0	20.04	20.61	20.08				
15	HQAM	1	37	17.78	17.78	17.78				
15	HQAM	1	74	17.78	17.78	17.78				
15	HQAM	36	20	17.78	17.78	17.78				
15	HQAM	36	56	17.78	17.78	17.78				
15	HQAM	36	93	17.78	17.78	17.78				
15	HQAM	75	0	17.78	17.78	17.78		19	3	
15	HQAM	75	0	17.78	17.78	17.78				
15	HQAM	1	0	20.14	20.95	20.11		Turn-up time (s)	MPE (dB)	
15	HQAM	1	0	20.14	20.95	20.11				
15	HQAM	1	37	20.14	20.95	20.11				
15	HQAM	1	74	20.14	20.95	20.11				
15	HQAM	36	20	20.14	20.95	20.11				
15	HQAM	36	56	20.14	20.95	20.11				
15	HQAM	36	93	20.14	20.95	20.11				
15	HQAM	75	0	20.14	20.95	20.11		22	0	
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	1	0	20.81	20.81	20.81				
15	HQAM	1	37	20.81	20.81	20.81		22	0	
15	HQAM	1	74	20.78	20.78	20.78				
15	HQAM	36	20	20.78	20.78	20.78				
15	HQAM	36	56	20.78	20.78	20.78				
15	HQAM	36	93	20.78	20.78	20.78				
15	HQAM	75	0	20.04	20.61	20.08		21	1	
15	HQAM	75	0	20.04	20.61	20.08				
15	HQAM	1	37	17.78	17.78	17.78				
15	HQAM	1	74	17.78	17.78	17.78				
15	HQAM	36	20	17.78	17.78	17.78				
15	HQAM	36	56	17.78	17.78	17.78				
15	HQAM	36	93	17.78	17.78	17.78				
15	HQAM	75	0	17.78	17.78	17.78		19	3	
15	HQAM	75	0	17.78	17.78	17.78				
15	HQAM	1	0	20.14	20.95	20.11		Turn-up time (s)	MPE (dB)	
15	HQAM	1	0	20.14	20.95	20.11				
15	HQAM	1	37	20.14	20.95	20.11				
15	HQAM	1	74	20.14	20.95	20.11				
15	HQAM	36	20	20.14	20.95	20.11				
15	HQAM	36	56	20.14	20.95	20.11				
15	HQAM	36	93	20.14	20.95	20.11				
15	HQAM	75	0	20.14	20.95	20.11		22	0	
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	1	0	20.81	20.81	20.81				
15	HQAM	1	37	20.81	20.81	20.81		22	0	
15	HQAM	1	74	20.78	20.78	20.78				
15	HQAM	36	20	20.78	20.78	20.78				
15	HQAM	36	56	20.78	20.78	20.78				
15	HQAM	36	93	20.78	20.78	20.78				
15	HQAM	75	0	20.04	20.61	20.08		21	1	
15	HQAM	75	0	20.04	20.61	20.08				
15	HQAM	1	37	17.78	17.78	17.78				
15	HQAM	1	74	17.78	17.78	17.78				
15	HQAM	36	20	17.78	17.78	17.78				
15	HQAM	36	56	17.78	17.78	17.78				
15	HQAM	36	93	17.78	17.78	17.78				
15	HQAM	75	0	17.78	17.78	17.78		19	3	
15	HQAM	75	0	17.78	17.78	17.78				
15	HQAM	1	0	20.14	20.95	20.11		Turn-up time (s)	MPE (dB)	
15	HQAM	1	0	20.14	20.95	20.11				
15	HQAM	1	37	20.14	20.95	20.11				
15	HQAM	1	74	20.14	20.95	20.11				
15	HQAM	36	20	20.14	20.95	20.11				
15	HQAM	36	56	20.14	20.95	20.11				
15	HQAM	36	93	20.14	20.95	20.11				
15	HQAM	75	0	20.14	20.95	20.11		22	0	
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	1	0	20.81	20.81	20.81				
15	HQAM	1	37	20.81	20.81	20.81		22	0	
15	HQAM	1	74	20.78	20.78	20.78				
15	HQAM	36	20	20.78	20.78	20.78				
15	HQAM	36	56	20.78	20.78	20.78				
15	HQAM	36	93	20.78	20.78	20.78				
15	HQAM	75	0	20.04	20.61	20.08		21	1	
15	HQAM	75	0	20.04	20.61	20.08				
15	HQAM	1	37	17.78	17.78	17.78				
15	HQAM	1	74	17.78	17.78	17.78				
15	HQAM	36	20	17.78	17.78	17.78				
15	HQAM	36	56	17.78	17.78	17.78				
15	HQAM	36	93	17.78	17.78	17.78				
15	HQAM	75	0	17.78	17.78	17.78		19	3	
15	HQAM	75	0	17.78	17.78	17.78				
15	HQAM	1	0	20.14	20.95	20.11		Turn-up time (s)	MPE (dB)	
15	HQAM	1	0	20.14	20.95	20.11				
15	HQAM	1	37	20.14	20.95	20.11				
15	HQAM	1	74	20.14	20.95	20.11				
15	HQAM	36	20	20.14	20.95	20.11				
15	HQAM	36	56	20.14	20.95	20.11				
15	HQAM	36	93	20.14	20.95	20.11				
15	HQAM	75	0	20.14	20.95	20.11		22	0	
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	1	0	20.81	20.81	20.81				
15	HQAM	1	37	20.81	20.81	20.81		22	0	
15	HQAM	1	74	20.78	20.78	20.78				
15	HQAM	36	20	20.78	20.78	20.78				
15	HQAM	36	56	20.78	20.78	20.78				
15	HQAM	36	93	20.78	20.78	20.78				
15	HQAM	75	0	20.04	20.61	20.08		21	1	
15	HQAM	75	0	20.04	20.61	20.08				
15	HQAM	1	37	17.78	17.78	17.78				
15	HQAM	1	74	17.78	17.78	17.78				
15	HQAM	36	20	17.78	17.78	17.78				
15	HQAM	36	56	17.78	17.78	17.78				
15	HQAM	36	93	17.78	17.78	17.78				
15	HQAM	75	0	17.78	17.78	17.78		19	3	
15	HQAM	75	0	17.78	17.78	17.78				
15	HQAM	1	0	20.14	20.95	20.11		Turn-up time (s)	MPE (dB)	
15	HQAM	1	0	20.14	20.95	20.11				
15	HQAM	1	37	20.14	20.95	20.11				
15	HQAM	1	74	20.14	20.95	20.11				
15	HQAM	36	20	20.14	20.95	20.11				
15	HQAM	36	56	20.14	20.95	20.11				
15	HQAM	36	93	20.14	20.95	20.11				
15	HQAM	75	0	20.14	20.95	20.11		22	0	
15	HQAM	75	0	20.14	20.95	20.11				
15	HQAM	1	0	20.81	20.81	20.81				
15	HQAM	1	37	20.81	20.81	20.81		22	0	
15	HQAM	1	74	20.78	20.78	20.78				
15	HQAM	36	20	20.78	20.78	20.78				

Band 30_Ant 1									
RW (MHz)	Modulation	RB Size	RB Offset	Power Lvl. Ch. 1/Freq.	Power Lvl. Ch. 2/Freq.	Power Lvl. Ch. 3/Freq.	Turnup (ms)	MPR (dB)	
Channel							2710		
Frequency (MHz)							2710		
10	QPSK	1	0	18.08	18.08				
10	QPSK	1	48	18.11			18.4	0	
10	QPSK	1	49	17.99					
10	QPSK	15	0	18.07					
10	QPSK	25	12	18.07			18.4		
10	QPSK	25	25	18.1					
10	QPSK	50	0	17.99					
10	QPSK	1	0	18.07					
10	16QAM	1	25	18.08			18.4	0	
10	16QAM	1	49	18.09					
10	16QAM	25	0	18.09					
10	16QAM	25	12	18.09			18.4	0	
10	16QAM	25	25	18.09					
10	16QAM	50	0	18.04					
10	16QAM	1	0	18.08			18.4	0	
10	16QAM	1	48	18.1					
10	16QAM	25	0	18.02					
10	16QAM	25	12	18.03			18.4		
10	16QAM	25	25	18.09					
10	16QAM	50	0	18.06					
10	16QAM	1	25	18.07					
10	36QAM	1	25	18.07			17.4	1	
10	36QAM	1	49	18.07					
10	36QAM	1	49	18.07					
10	36QAM	12	0	18.03			17.4		
10	36QAM	25	12	18.05					
10	36QAM	25	25	18.05			17.4	1	
10	36QAM	50	0	18.05					
Channel							27685	27710	27735
Frequency (MHz)							27685	27710	27735
5	QPSK	1	0	17.98	18.01	18.14			
5	QPSK	1	12	17.99	18.01	18.14	18.4	0	
5	QPSK	1	24	17.87	17.88	17.94			
5	QPSK	12	0	18.03	18.05	18.08			
5	QPSK	12	7	17.93	17.96	18.01	18.4		
5	QPSK	12	13	18.03	18.05	17.98			
5	QPSK	15	0	17.94	17.97	17.83			
5	16QAM	1	0	17.93	18.03	18.06			
5	16QAM	1	12	18.08	18.02	18.06	18.4	0	
5	16QAM	1	24	17.95	17.98	17.95			
5	16QAM	12	0	17.97	18.00	17.95			
5	16QAM	12	7	17.87	17.86	17.97	18.4	0	
5	16QAM	12	13	18.02	18.03	18.02			
5	16QAM	25	0	18.03	17.99	18.01			
5	16QAM	1	0	17.97	18.00	17.96	18.4	0	
5	16QAM	1	12	17.98	17.98	18.01			
5	16QAM	1	24	17.87	17.87	18.07			
5	16QAM	12	0	17.93	17.94	17.97			
5	16QAM	12	7	17.95	17.95	18.04	18.4		
5	16QAM	12	13	18.03	17.99	18.03			
5	16QAM	25	0	17.93	17.96	17.92			
5	36QAM	1	0	18.01	18.03	18.08			
5	36QAM	1	12	18.05	18.02	18.08	17.4	1	
5	36QAM	1	24	18.06	18.03	18.03			
5	36QAM	12	0	18.01	18.03	18.08			
5	36QAM	12	7	18.02	18.04	18.03	17.4	1	

Band 66_Ant												
RF Modulation	RB Size	RB Offset	Ch Power (Frac)	Ch Power (Frac)	Ch Power (Frac)	Time-slot (ms)	APR3 (dB)					
Channel												
5	QPSK	1	0	17.28	17.65	17.97						
15	QPSK	1	49	18.78	18.77	18.78	20					
20	QPSK	1	50	18.65	18.58	18.64						
30	QPSK	50	24	18.85	18.85	18.81						
40	QPSK	50	50	18.82	18.82	18.78						
50	QPSK	50	49	18.87	18.87	18.83						
15	16QAM	1	0	18.83	18.87	18.85						
15	16QAM	1	49	18.85	18.78	18.81	20					
20	16QAM	1	50	18.87	18.78	18.83						
30	16QAM	50	0	18.81	18.79	18.86						
40	16QAM	50	24	18.84	18.84	18.85						
50	16QAM	50	49	18.83	18.75	18.83						
15	64QAM	1	0	18.87	18.81	18.88						
15	64QAM	1	49	18.86	18.84	18.81						
20	64QAM	1	50	18.83	18.78	18.82						
30	64QAM	1	50	18.83	18.74	18.78						
40	64QAM	50	0	18.87	18.84	18.86						
50	64QAM	50	24	18.89	18.84	18.87						
15	64QAM	50	49	18.81	18.73	18.84						
20	64QAM	100	0	18.86	18.85	18.84						
30	256QAM	1	0	17.82	17.87	17.73						
40	256QAM	1	49	17.69	17.63	17.78						
50	256QAM	1	50	17.67	17.69	17.58						
30	256QAM	50	0	17.63	17.74	17.64						
40	256QAM	50	24	17.78	17.81	17.70						
50	256QAM	50	49	17.75	17.63	17.73						
15	256QAM	100	0	17.63	17.77	17.68						
Channel												
5	QPSK	1	0	17.017	17.017	17.017						
15	QPSK	1	49	17.15	17.15	17.15						
20	QPSK	1	50	18.77	18.73	18.76						
30	QPSK	1	50	18.78	18.77	18.78	20					
40	QPSK	36	20	18.70	18.74	18.70						
50	QPSK	36	50	18.60	18.79	18.71						
15	16QAM	1	0	18.73	18.74	18.73						
15	16QAM	1	49	18.71	18.84	18.63						
20	16QAM	1	50	18.62	18.63	18.78						
30	16QAM	36	20	18.70	18.67	18.78						
40	16QAM	36	50	18.60	18.79	18.71						
50	16QAM	36	50	18.70	18.67	18.78						
15	64QAM	1	0	18.65	18.80	18.70						
20	64QAM	1	49	18.73	18.72	18.74						
30	64QAM	1	50	18.70	18.66	18.74						
40	64QAM	36	0	18.70	18.62	18.74						
50	64QAM	36	24	18.70	18.78	18.63						
15	64QAM	36	50	18.60	18.58	18.61						
20	64QAM	75	0	18.60	18.79	18.71						
30	256QAM	1	0	17.67	17.66	17.65						
40	256QAM	1	49	17.66	17.67	17.66						
50	256QAM	1	50	17.64	17.63	17.67	19					
30	256QAM	50	0	17.63	17.74	17.62						
40	256QAM	50	24	17.67	17.67	17.62						
50	256QAM	50	49	17.69	17.68	17.62						
15	256QAM	100	0	17.63	17.77	17.68						
Channel												
5	QPSK	1	0	17.002	17.002	17.002						
15	QPSK	1	49	17.15	17.15	17.15						
20	QPSK	1	50	18.77	18.73	18.76						
30	QPSK	1	50	18.78	18.77	18.78	20					
40	QPSK	36	20	18.70	18.74	18.70						
50	QPSK	36	50	18.60	18.7	18.71						
15	16QAM	1	0	18.73	18.74	18.73						
15	16QAM	1	49	18.71	18.84	18.63						
20	16QAM	1	50	18.62	18.63	18.78						
30	16QAM	36	20	18.70	18.67	18.78						
40	16QAM	36	50	18.60	18.79	18.71						
50	16QAM	36	50	18.70	18.67	18.78						
15	64QAM	1	0	18.65	18.80	18.70						
20	64QAM	1	49	18.73	18.72	18.74						
30	64QAM	1	50	18.70	18.66	18.74						
40	64QAM	36	0	18.70	18.62	18.74						
50	64QAM	36	24	18.70	18.78	18.63						
15	64QAM	36	50	18.60	18.58	18.61						
20	64QAM	75	0	18.60	18.79	18.71						
30	256QAM	1	0	17.67	17.66	17.65						
40	256QAM	1	49	17.66	17.67	17.66						
50	256QAM	1	50	17.64	17.63	17.67	19					
30	256QAM	50	0	17.63	17.74	17.62						
40	256QAM	50	24	17.67	17.67	17.62						
50	256QAM	50	49	17.69	17.68	17.62						
15	256QAM	100	0	17.63	17.77	17.68						
Channel												
5	QPSK	1	0	17.017	17.017	17.017						
15	QPSK	1	49	17.15	17.15	17.15						
20	QPSK	1	50	18.77	18.73	18.76						
30	QPSK	1	50	18.78	18.77	18.78	20					
40	QPSK	36	20	18.70	18.74	18.70						
50	QPSK	36	50	18.60	18.79	18.71						
15	16QAM	1	0	18.73	18.74	18.73						
15	16QAM	1	49	18.71	18.84	18.63						
20	16QAM	1	50	18.62	18.63	18.78						
30	16QAM	36	20	18.70	18.67	18.78						
40	16QAM	36	50	18.60	18.79	18.71						
50	16QAM	36	50	18.70	18.67	18.78						
15	64QAM	1	0	18.65	18.80	18.70						
20	64QAM	1	49	18.73	18.72	18.74						
30	64QAM	1	50	18.70	18.66	18.74						
40	64QAM	36	0	18.70	18.62	18.74						
50	64QAM	36	24	18.70	18.78	18.63						
15	64QAM	36	50	18.60	18.58	18.61						
20	64QAM	75	0	18.60	18.79	18.71						
30	256QAM	1	0	17.67	17.66	17.65						
40	256QAM	1	49	17.66	17.67	17.66						
50	256QAM	1	50	17.64	17.63	17.67	19					
30	256QAM	50	0	17.63	17.74	17.62						
40	256QAM	50	24	17.67	17.67	17.62						
50	256QAM	50	49	17.69	17.68	17.62						
15	256QAM	100	0	17.63	17.77	17.68						
Channel												
5	QPSK	1	0	17.017	17.017	17.017						
15	QPSK	1	49	17.15	17.15	17.15						
20	QPSK	1	50	18.77	18.73	18.76						
30	QPSK	1	50	18.78	18.77	18.78	20					
40	QPSK	36	20	18.70	18.74	18.70						
50	QPSK	36	50	18.60	18.79	18.71						
15	16QAM	1	0	18.73	18.74	18.73						
15	16QAM	1	49	18.71	18.84	18.63						
20	16QAM	1	50	18.62	18.63	18.78						
30	16QAM	36	20	18.70	18.67	18.78						
40	16QAM	36	50	18.60	18.79	18.71						
50	16QAM	36	50	18.70	18.67	18.78						
15	64QAM	1	0	18.65	18.80	18.70						
20	64QAM	1	49	18.73	18.72	18.74						
30	64QAM	1	50	18.70	18.66	18.74						
40	64QAM	36	0	18.70	18.62	18.74						
50	64QAM	36	24	18.70	18.78	18.63						
15	64QAM	36	50	18.60	18.58	18.61						
20	64QAM	75	0	18.60	18.79	18.71						
30	256QAM	1	0	17.67	17.66	17.65						
40	256QAM	1	49	17.66	17.67	17.66						
50	256QAM	1	50	17.64	17.63	17.67	19					
30	256QAM	50	0	17.63	17.74	17.62						
40	256QAM	50	24	17.67	17.67	17.62						
50	256QAM	50	49	17.69	17.68	17.62						
15	256QAM	100	0	17.63	17.77	17.68						
Channel												
5	QPSK	1	0	17.017	17.017	17.017						
15	QPSK	1	49	17.15	17.15	17.15						
20	QPSK	1	50	18.77	18.73	18.76						
30	QPSK	1	50	18.78	18.77	18.78	20					
40	QPSK	36	20	18.70	18.74	18.70						
50	QPSK	36	50	18.60	18.79	18.71						
15	16QAM	1	0	18.73	18.74	18.73						
15	16QAM	1	49	18.71	18.84	18.63						
20	16QAM	1	50	18.62	18.63	18.78						
30	16QAM	36	20	18.70	18.67	18.78						
40	16QAM	36	50	18.60	18.79	18.71						
50	16QAM	36	50	18.70	18.67	18.78						
15	64QAM	1	0	18.65	18.80	18.70						
20	64QAM	1	49	18.73	18.72	18.74						
30	64QAM	1	50	18.70	18.66	18.74						
40	64QAM	36	0	18.70	18.62	18.74						
50	64QAM	36	24	18.70	18.78	18.63						
15	64QAM	36	50	18.60	18.58	18.61						
20	64QAM	75	0	18.60	18.79	18.71						
30	256QAM	1	0	17.67	17.66	17.65						
40	256QAM	1	49	17.66	17.67	17.66						
50	256QAM	1	50	17.64	17.63	17.67	19					
30	256QAM	50	0	17.63	17.74	17.62						
40	256QAM	50	24	17.67	17.67	17.62						
50	256QAM	50	49	17.69	17.68	17.62						
15	256QAM	100	0	17.63	17.77	17.68						

Band 7_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Turnup time (min)	MFR (dB)	
Channel				133022	133027	133032			
Frequency (MHz)				673	683	693			
20	QPSK	1	0	20.30	20.30	20.30			
20	QPSK	1	49	20.31	20.42	20.41	22	0	
20	QPSK	1	99	20.33	20.43	20.38			
20	QPSK	1	149	20.35	20.45	20.40			
20	QPSK	50	24	20.35	20.47	20.44	22	0	
20	QPSK	50	50	20.33	20.45	20.40			
20	QPSK	50	75	20.35	20.45	20.40			
20	16QAM	1	0	20.57	20.59	20.62			
20	16QAM	1	49	20.52	20.64	20.49	22	0	
20	16QAM	1	99	20.54	20.64	20.59			
20	16QAM	1	149	20.56	20.66	20.61			
20	16QAM	50	24	20.51	20.71	20.55			
20	16QAM	50	50	20.41	20.63	20.49	22	0	
20	16QAM	50	75	20.40	20.62	20.45			
20	64QAM	1	0	20.82	20.85	20.91			
20	64QAM	1	49	20.80	20.90	20.85	22	0	
20	64QAM	1	99	20.81	20.91	20.84			
20	64QAM	1	149	20.83	20.93	20.87			
20	64QAM	50	0	19.82	19.85	19.54			
20	64QAM	50	24	19.84	19.94	19.87			
20	64QAM	50	50	19.84	19.55	19.51			
20	64QAM	50	0	19.48	19.58	19.57			
20	256QAM	1	0	17.68	17.68	17.68			
20	256QAM	1	49	17.59	17.71	17.69	19	3	
20	256QAM	1	99	17.62	17.68	17.55			
20	256QAM	1	149	17.63	17.68	17.60			
20	256QAM	50	24	17.63	17.68	17.60			
20	256QAM	50	50	17.64	17.65	17.62			
20	256QAM	50	0	17.68	17.68	17.68	19	3	
Channel				133127	133029	133032	Turnup time (min)	MFR (dB)	
Frequency (MHz)				673	680	690			
15	QPSK	1	0	20.30	20.33	20.33			
15	QPSK	1	37	20.31	20.41	20.41	22	0	
15	QPSK	1	74	20.18	20.34	20.23			
15	QPSK	1	111	20.20	20.42	20.33			
15	QPSK	36	0	20.20	20.42	20.33			
15	QPSK	36	20	20.20	20.33	20.23	22	0	
15	QPSK	36	36	20.25	20.42	20.33			
15	QPSK	75	0	20.24	20.45	20.34			
15	16QAM	1	0	20.42	20.45	20.44			
15	16QAM	1	37	20.40	20.63	20.44	22	0	
15	16QAM	1	74	20.42	20.63	20.44			
15	16QAM	1	111	20.37	20.63	20.53			
15	16QAM	36	20	20.26	20.41	20.39			
15	16QAM	36	0	20.27	20.45	20.33			
15	16QAM	75	0	20.25	20.35	20.35			
15	64QAM	1	0	20.47	20.51	20.33			
15	64QAM	1	37	20.47	20.59	20.39			
15	64QAM	1	74	20.25	20.43	20.43			
15	64QAM	1	111	20.25	20.43	20.43			
15	64QAM	36	0	19.27	19.56	19.49			
15	64QAM	36	20	19.29	19.56	19.49	21	1	
15	64QAM	36	36	19.30	19.56	19.49			
15	64QAM	75	0	19.25	19.55	19.49			
15	256QAM	1	0	17.68	17.68	17.68			
15	256QAM	1	37	17.41	17.61	17.57	19	3	
15	256QAM	1	74	17.49	17.58	17.57			
15	256QAM	1	111	17.48	17.57	17.57			
15	256QAM	36	20	17.50	17.55	17.57	19	3	
15	256QAM	36	0	17.50	17.55	17.57			
15	256QAM	75	0	17.37	17.53	17.53	19	3	
Channel				133127	133029	133032	Turnup time (min)	MFR (dB)	
Frequency (MHz)				665	680	695			
5	QPSK	1	0	20.54	20.71	20.69			
5	QPSK	1	49	20.55	20.81	20.73	22	0	
5	QPSK	1	99	20.56	20.86	20.75			
5	QPSK	1	149	20.58	20.90	20.82			
5	QPSK	25	0	20.28	20.46	20.40			
5	QPSK	25	12	20.28	20.46	20.40			
5	QPSK	25	12	20.31	20.47	20.41	22	0	
5	QPSK	25	26	20.31	20.47	20.41			
5	QPSK	50	0	20.34	20.51	20.43			
5	QPSK	50	25	20.35	20.52	20.45	22	0	
5	QPSK	50	50	20.36	20.53	20.46			
5	16QAM	1	25	20.47	20.62	20.43	22	0	
5	16QAM	1	49	20.38	20.64	20.45			
5	16QAM	1	99	20.40	20.66	20.47			
5	16QAM	1	149	20.42	20.68	20.49			
5	16QAM	25	12	20.31	20.46	20.42	22	0	
5	16QAM	25	12	20.32	20.47	20.43			
5	16QAM	25	26	20.33	20.48	20.44			
5	16QAM	50	0	20.22	20.42	20.37			
5	16QAM	50	25	20.23	20.43	20.38	22	0	
5	16QAM	50	50	20.24	20.44	20.39			
5	64QAM	1	0	20.46	20.47	20.38			
5	64QAM	1	25	20.29	20.49	20.44	22	0	
5	64QAM	1	49	20.30	20.50	20.45			
5	64QAM	1	99	20.31	20.51	20.46			
5	64QAM	1	149	20.32	20.52	20.47			
5	64QAM	25	0	19.54	19.61	19.46			
5	64QAM	25	12	19.55	19.62	19.47	22	0	
5	64QAM	25	26	19.56	19.63	19.48			
5	64QAM	50	0	19.31	19.36	19.26			
5	64QAM	50	25	19.32	19.37	19.27	21	1	
5	64QAM	50	50	19.33	19.38	19.28			
5	64QAM	50	0	19.40	19.41	19.33			
5	256QAM	1	0	17.49	17.58	17.52			
5	256QAM	1	25	17.49	17.58	17.52	19	3	
5	256QAM	1	49	17.50	17.59	17.53			
5	256QAM	1	99	17.51	17.60	17.54			
5	256QAM	1	149	17.47	17.56	17.51			
5	256QAM	25	12	17.52	17.56	17.52	19	3	
5	256QAM	25	12	17.51	17.57	17.54			
5	256QAM	25	12	17.51	17.57	17.54	19	3	

Power Mode for DSI 0

n2_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				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PV2 BPSK	1	1	22.78	22.83	22.72	24.0	0.0	
20	PV2 BPSK	1	53	22.70	22.78	22.67			
20	PV2 BPSK	1	104	22.84	22.72	22.67			
20	PV2 BPSK	50	0	22.26	22.29	22.20	23.5	0.5	
20	PV2 BPSK	50	28	22.66	22.73	22.66	24.0	0.0	
20	PV2 BPSK	50	56	22.20	22.26	22.15	23.5	0.5	
20	PV2 BPSK	100	0	22.23	22.31	22.30			
20	QPSK	1	1	22.88	22.90	22.85			
20	QPSK	1	53	22.82	22.83	22.74	24.0	0.0	
20	QPSK	1	104	22.76	22.80	22.77	23.0	1.0	
20	QPSK	50	0	21.77	21.78	21.69			
20	QPSK	50	28	22.80	22.83	22.78			
20	QPSK	50	56	21.75	21.76	21.74	23.0	1.0	
20	QPSK	100	0	21.71	21.73	21.67	23.0	1.0	
20	16QAM	1	1	21.88	21.92	21.81			
20	64QAM	1	1	20.25	20.28	20.19			
20	256QAM	1	1	18.52	18.56	18.54	19.5	4.5	
Channel				371000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	22.78	22.79	22.74	24.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	22.73	22.77	22.77	24.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.76	22.82	22.72	24.0	0.0	

n5_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				166800	167300	167800			
Frequency (MHz)				834	836.5	838			
20	PV2 BPSK	1	1	23.12	23.13	23.05	24.0	0.0	
20	PV2 BPSK	1	53	22.98	23.08	22.99			
20	PV2 BPSK	1	104	22.97	22.98	22.94			
20	PV2 BPSK	50	0	22.51	22.60	22.54	23.5	0.5	
20	PV2 BPSK	50	28	22.96	23.07	23.06	24.0	0.0	
20	PV2 BPSK	50	56	22.38	22.47	22.36	23.5	0.5	
20	PV2 BPSK	100	0	22.47	22.53	22.51			
20	QPSK	1	1	23.05	23.15	23.12			
20	QPSK	1	53	22.92	22.98	22.88	24.0	0.0	
20	QPSK	1	104	22.94	22.95	22.92	23.0	1.0	
20	QPSK	50	0	21.97	22.08	22.04			
20	QPSK	50	28	22.86	23.05	23.02			
20	QPSK	50	56	21.84	21.91	21.90	23.0	1.0	
20	QPSK	100	0	21.98	22.04	22.02			
20	16QAM	1	1	22.12	22.22	22.16	23.0	1.0	
20	64QAM	1	1	20.46	20.54	20.47	21.5	2.5	
20	256QAM	1	1	18.89	18.97	18.86	19.5	4.5	
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				834	836.5	838			
15	QPSK	1	1	22.95	22.97	22.91	24.0	0.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
10	QPSK	1	1	22.94	23.02	22.94	24.0	0.0	
Channel				165800	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
5	QPSK	1	1	22.93	23.04	22.95	24.0	0.0	

n12_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				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PV2 BPSK	1	1	22.92	23.02	22.96	24.0	0.0	
15	PV2 BPSK	1	40	22.90	23.00	22.93			
15	PV2 BPSK	1	77	22.87	22.95	22.87			
15	PV2 BPSK	36	0	22.33	22.44	22.42	23.5	0.5	
15	PV2 BPSK	36	22	22.88	22.90	22.83	24.0	0.0	
15	PV2 BPSK	36	43	22.29	22.38	22.31	23.5	0.5	
15	PV2 BPSK	75	0	22.40	22.46	22.44			
15	QPSK	1	1	22.97	23.06	23.03			
15	QPSK	1	40	22.89	22.93	22.87	24.0	0.0	
15	QPSK	1	77	22.94	23.00	22.96	23.0	1.0	
15	QPSK	36	0	21.98	22.02	21.98			
15	QPSK	36	22	22.90	22.95	22.93			
15	QPSK	36	43	21.72	21.83	21.73	23.0	1.0	
15	QPSK	75	0	21.85	21.89	21.87			
15	16QAM	1	1	21.94	22.05	22.03	23.0	1.0	
15	64QAM	1	1	20.40	20.46	20.35	21.5	2.5	
15	256QAM	1	1	18.84	18.90	18.87	19.5	4.5	
Channel				140300	141500	142000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	22.94	23.03	22.97	24.0	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	22.92	23.02	22.94	24.0	0.0	

n14_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				158600	793			
Frequency (MHz)				793				
10	PI/2 BPSK	1	1	22.96				
10	PI/2 BPSK	1	26	22.93			24.0	0.0
10	PI/2 BPSK	1	50	23.00				
10	PI/2 BPSK	25	0	22.48			23.5	0.5
10	PI/2 BPSK	25	14	22.86			24.0	0.0
10	PI/2 BPSK	25	27	22.43			23.5	0.5
10	PI/2 BPSK	50	0	22.45				
10	QPSK	1	1	23.08				
10	QPSK	1	26	23.03			24.0	0.0
10	QPSK	1	50	22.99				
10	QPSK	25	0	21.95			23.0	1.0
10	QPSK	25	14	22.36			24.0	0.0
10	QPSK	25	27	22.01			23.0	1.0
10	QPSK	50	0	21.69				
10	16QAM	1	1	22.00			23.0	1.0
10	64QAM	1	1	20.44			21.5	2.5
10	256QAM	1	1	18.58			19.5	4.5
Channel				159100	159100		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5	23.03	
5	QPSK	1	1	23.05	23.00		24.0	0.0

n25_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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.00	23.01	22.98		
40	PI/2 BPSK	1	108	22.89	23.00	22.97	24.0	0.0
40	PI/2 BPSK	1	214	22.84	22.94	22.85		
40	PI/2 BPSK	108	0	22.37	22.42	22.38	23.5	0.5
40	PI/2 BPSK	108	54	22.86	22.89	22.82	24.0	0.0
40	PI/2 BPSK	108	108	22.48	22.58	22.54	23.5	0.5
40	PI/2 BPSK	216	0	22.30	22.38	22.34		
40	QPSK	1	1	23.08	23.10	23.05		
40	QPSK	1	108	22.95	22.98	22.94	24.0	0.0
40	QPSK	1	214	22.85	22.95	22.85		
40	QPSK	108	0	21.75	21.85	21.83	23.0	1.0
40	QPSK	108	54	22.69	22.86	22.83	24.0	0.0
40	QPSK	108	108	21.83	21.91	21.90	23.0	1.0
40	QPSK	216	0	21.85	21.87	21.83		
40	16QAM	1	1	21.90	21.91	21.89	23.0	1.0
40	64QAM	1	1	20.63	20.73	20.62	21.5	2.5
40	256QAM	1	1	18.75	18.85	18.84	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.81	22.80	22.82	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.83	22.79	22.77	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.82	22.84	22.77	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1902		
20	QPSK	1	1	22.75	22.80	22.74	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.82	22.86	22.72	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.85	22.78	22.82	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.85	22.83	22.72	24.0	0.0

n30_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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.50			
10	PI/2 BPSK	1	26		21.53		22.5	0.0
10	PI/2 BPSK	1	50		21.42			
10	PI/2 BPSK	25	0		21.01		22.0	0.5
10	PI/2 BPSK	25	14		21.48		22.5	0.0
10	PI/2 BPSK	25	27		20.93		22.0	0.5
10	PI/2 BPSK	50	0		20.94			
10	QPSK	1	1		21.50			
10	QPSK	1	26		21.53		22.5	0.0
10	QPSK	1	50		21.52			
10	QPSK	25	0		20.48		21.5	1.0
10	QPSK	25	14		21.52		22.5	0.0
10	QPSK	25	27		20.46		21.5	1.0
10	QPSK	50	0		20.43			
10	16QAM	1	1		20.23		21.5	1.0
10	64QAM	1	1		19.11		20.0	2.5
10	256QAM	1	1		17.13		18.0	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.50	21.51	21.52	22.5	0.0

n66_Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI2 BPSK	1	1	22.84	22.99	22.86	
40	PI2 BPSK	1	108	22.88	22.89	22.80	24.0
40	PI2 BPSK	1	214	22.91	22.94	22.90	
40	PI2 BPSK	108	0	22.37	22.48	22.45	23.5
40	PI2 BPSK	108	54	22.94	22.95	22.84	24.0
40	PI2 BPSK	108	108	22.37	22.39	22.32	
40	PI2 BPSK	216	0	22.33	22.43	22.36	23.5
40	QPSK	1	1	23.01	23.05	23.03	
40	QPSK	1	108	22.90	23.00	22.94	24.0
40	QPSK	1	214	22.88	22.98	22.91	
40	QPSK	108	0	21.87	21.95	21.90	23.0
40	QPSK	108	54	22.86	22.93	22.91	24.0
40	QPSK	108	108	21.84	21.90	21.80	
40	QPSK	216	0	21.83	21.88	21.86	23.0
40	16QAM	1	1	21.79	21.89	21.80	23.0
40	64QAM	1	1	20.41	20.52	20.46	21.5
40	256QAM	1	1	18.74	18.78	18.68	19.5
Channel				345000	349000	352000	
Frequency (MHz)				1727.5	1745	1762.5	
35	QPSK	1	1	22.86	22.87	22.82	24.0
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	22.86	22.86	22.81	24.0
Channel				345000	349000	353000	
Frequency (MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	22.88	22.90	22.83	24.0
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	22.87	22.83	22.82	24.0
Channel				343000	349000	354000	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	22.88	22.92	22.80	24.0
Channel				343000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	22.87	22.86	22.90	24.0
Channel				342500	349000	355000	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	22.81	22.84	22.85	24.0

n70_Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				340500			
Frequency (MHz)				1702.5			
15	PI2 BPSK	1	1	22.98			
15	PI2 BPSK	1	40	22.95			24.0
15	PI2 BPSK	1	77	22.93			
15	PI2 BPSK	36	0	22.43			23.5
15	PI2 BPSK	36	22	22.89			24.0
15	PI2 BPSK	36	43	22.38			
15	PI2 BPSK	75	0	22.47			23.5
15	QPSK	1	1	23.03			
15	QPSK	1	40	22.98			24.0
15	QPSK	1	77	22.97			
15	QPSK	36	0	21.89			23.0
15	QPSK	36	22	22.97			24.0
15	QPSK	36	43	21.92			
15	QPSK	75	0	21.95			23.0
15	16QAM	1	1	22.16			23.0
15	64QAM	1	1	20.50			21.5
15	256QAM	1	1	18.48			19.5
Channel				340000	340500	341000	
Frequency (MHz)				1700	1702.5	1705	
10	QPSK	1	1	22.99	23.01	22.88	24.0
Channel				339500	340500	341500	
Frequency (MHz)				1697.5	1702.5	1707.5	
5	QPSK	1	1	22.91	22.99	22.96	24.0

n71_Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI2 BPSK	1	1	22.80	22.84	22.93	
20	PI2 BPSK	1	53	22.89	23.01	22.91	24.0
20	PI2 BPSK	1	104	22.89	22.95	22.92	
20	PI2 BPSK	50	0	22.33	22.43	22.32	23.5
20	PI2 BPSK	50	28	22.93	22.99	22.98	24.0
20	PI2 BPSK	50	58	22.21	22.36	22.28	
20	PI2 BPSK	100	0	22.33	22.45	22.42	23.5
20	QPSK	1	1	23.00	23.04	22.99	
20	QPSK	1	53	22.99	23.00	22.87	24.0
20	QPSK	1	104	22.96	22.98	22.83	
20	QPSK	50	0	21.79	21.93	21.81	23.0
20	QPSK	50	28	22.76	22.83	22.79	24.0
20	QPSK	50	58	21.81	21.91	21.87	
20	QPSK	100	0	21.79	21.92	21.87	23.0
20	16QAM	1	1	21.97	22.00	21.99	23.0
20	64QAM	1	1	20.57	20.70	20.67	21.5
20	256QAM	1	1	18.51	18.66	18.60	19.5
Channel				134100	136100	138100	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	1	22.93	23.03	22.96	24.0
Channel				133600	136100	138600	
Frequency (MHz)				668	680.5	693	
10	QPSK	1	1	22.98	22.97	22.96	24.0
Channel				133100	136100	138100	
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	1	22.89	22.98	23.01	24.0

n38_Ant 2

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)				2593.02	2594	2595.88		
40	PI2 BPSK	1	1	22.85	22.92	22.98		
40	PI2 BPSK	1	53	22.87	22.89	22.83	24.0	0.0
40	PI2 BPSK	1	104	22.85	22.93	22.87		
40	PI2 BPSK	50	0	22.23	22.31	22.28	23.5	0.5
40	PI2 BPSK	50	58	22.73	22.62	22.78	24.0	0.0
40	PI2 BPSK	50	56	22.37	22.45	22.35		
40	PI2 BPSK	100	0	22.28	22.36	22.30	23.5	0.5
40	QPSK	1	1	22.77	22.87	22.78		
40	QPSK	1	53	22.75	22.91	22.86	23.0	1.0
40	QPSK	1	104	22.86	22.99	22.97		
40	QPSK	50	0	21.70	21.72	21.76	23.0	1.0
40	QPSK	50	58	20.71	20.80	20.77		
40	QPSK	50	56	21.68	21.77	21.66		
40	QPSK	100	0	21.73	21.76	21.75	23.0	1.0
40	16QAM	1	1	21.90	21.97	21.90	23.0	1.0
40	64QAM	1	1	20.40	20.41	20.37	21.5	2.5
40	256QAM	1	1	18.66	18.68	18.58	19.5	4.5
Channel				517002	518000	520098	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	25.85	25.95	26.04	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	22.99	22.73	22.90	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.63	22.69	22.91	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.64	22.76	22.94	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.62	22.68	22.85	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				509202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2645		
100	PI2 BPSK	1	1	22.47	22.51	22.51		
100	PI2 BPSK	1	137	22.48	22.52	22.44	24.0	0.0
100	PI2 BPSK	1	271	22.47	22.55	22.48		
100	PI2 BPSK	135	0	22.39	22.62	22.48	24.0	0.0
100	PI2 BPSK	135	69	22.41	22.58	22.47	24.0	0.0
100	PI2 BPSK	135	138	22.44	22.56	22.50		
100	PI2 BPSK	270	0	22.48	22.54	22.52	24.0	0.0
100	QPSK	1	1	22.52	22.53	22.56		
100	QPSK	1	137	22.51	22.59	22.44	24.0	0.0
100	QPSK	1	271	22.53	22.66	22.58		
100	QPSK	135	0	22.38	22.53	22.50		
100	QPSK	135	69	22.45	22.60	22.54	24.0	0.0
100	QPSK	135	138	22.42	22.59	22.49		
100	QPSK	270	0	22.52	22.55	22.48	24.0	0.0
100	16QAM	1	1	22.50	22.64	22.48	24.0	0.0
100	64QAM	1	1	22.51	22.63	22.47	24.0	0.0
100	256QAM	1	1	20.94	21.05	20.98	22.5	1.5
Channel				508200	518598	529098	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	25.41	25.92	26.44	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	22.48	22.50	22.43	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	25.31	25.92	26.55	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	22.48	22.61	22.53	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	22.46	22.53	22.49	24.0	0.0
Channel				503202	518598	533900	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	22.52	22.51	22.57	24.0	0.0
Channel				502200	518598	534896	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.42	22.63	22.44	24.0	0.0
Channel				501200	518598	535800	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.40	22.62	22.55	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.38	22.65	22.45	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.48	22.63	22.49	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				509202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2645		
100	PI2 BPSK	1	1	25.38	25.47	25.33		
100	PI2 BPSK	1	137	25.59	25.60	25.53	27.0	0.0
100	PI2 BPSK	1	271	25.52	25.55	25.54		
100	PI2 BPSK	135	0	24.98	25.01	24.88	28.5	0.5
100	PI2 BPSK	135	69	25.49	25.60	25.45	27.0	0.0
100	PI2 BPSK	135	138	24.98	25.10	25.03		
100	PI2 BPSK	270	0	24.75	24.88	24.79	28.5	0.5
100	QPSK	1	1	25.30	25.44	25.30		
100	QPSK	1	137	25.49	25.54	25.47	27.0	0.0
100	QPSK	1	271	25.54	25.66	25.63		
100	QPSK	135	0	24.42	24.54	24.41		
100	QPSK	135	69	25.47	25.54	25.53	27.0	0.0
100	QPSK	135	138	24.53	24.58	24.50		
100	QPSK	270	0	24.26	24.39	24.30	28.0	1.0
100	16QAM	1	1	24.36	24.39	24.25	28.0	1.0
100	64QAM	1	1	22.82	22.97	22.91	24.5	2.5
100	256QAM	1	1	20.84	21.05	20.99	22.5	4.5
Channel				508200	518598	529098	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	25.41	25.92	26.44	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	25.31	25.49	25.59	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	25.52	25.55	25.51	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	25.46	25.51	25.53	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	25.46	25.55	25.56	27.0	0.0
Channel				503202	518598	533900	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	25.48	25.50	25.54	27.0	0.0
Channel				502200	518598	534896	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	25.49	25.48	25.50	27.0	0.0
Channel				501200	518598	535800	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	25.52	25.48	25.52	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	25.49	25.46	25.47	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	25.52	25.50	25.49	27.0	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				638000	641686	645332		
Frequency (MHz)				20.24	20.39	20.34		
40	PI2 BPSK	1	1	20.24	20.39	20.34	21.5	0.0
40	PI2 BPSK	1	53	20.41	20.43	20.35		
40	PI2 BPSK	1	104	20.37	20.44	20.30		
40	PI2 BPSK	50	0	19.78	19.87	19.72	21.0	0.5
40	PI2 BPSK	50	28	20.38	20.39	20.24	21.5	0.0
40	PI2 BPSK	50	56	19.96	19.97	19.81	21.0	0.5
40	PI2 BPSK	100	0	19.85	19.90	19.89		
40	QPSK	1	1	20.47	20.61	20.49		
40	QPSK	1	53	20.36	20.46	20.45	21.5	0.0
40	QPSK	1	104	20.45	20.53	20.39	21.5	0.0
40	QPSK	50	0	19.50	19.53	19.30		
40	QPSK	50	28	20.15	20.42	20.12		
40	QPSK	50	56	19.30	19.38	19.24	20.5	1.0
40	QPSK	100	0	19.21	19.30	19.27		
40	16QAM	1	1	19.31	19.46	19.43	20.5	1.0
40	64QAM	1	1	17.91	17.82	17.86	19.0	2.5
40	256QAM	1	1	15.86	15.97	15.96	17.0	4.5
Channel				637668	641686	645266	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	20.39	20.60	20.38	21.5	0.0
Channel				637334	641686	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3600	21.5	0.0
20	QPSK	1	1	20.41	20.45	20.45	21.5	0.0
Channel				637168	641686	646166		
Frequency (MHz)				3557.52	3624.99	3662.49		
15	QPSK	1	1	20.34	20.48	20.48	21.5	0.0
Channel				637000	641686	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3664.98	21.5	0.0
10	QPSK	1	1	20.45	20.48	20.42	21.5	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				633000	633332	633666		
Frequency (MHz)				22.91	22.91	22.91		
100	PI2 BPSK	1	1	22.91	22.95		24.0	0.0
100	PI2 BPSK	1	137	22.95	22.95			
100	PI2 BPSK	1	271	22.93	22.99			
100	PI2 BPSK	135	0	22.99	22.99		24.0	0.0
100	PI2 BPSK	135	69	22.92	22.92		24.0	0.0
100	PI2 BPSK	135	138	22.96	22.96		24.0	0.0
100	PI2 BPSK	270	0	22.99	22.99			
100	QPSK	1	1	23.02	23.00			
100	QPSK	1	137	23.00	22.90		24.0	0.0
100	QPSK	1	271	22.90	22.90		24.0	0.0
100	QPSK	135	0	22.90	22.90			
100	QPSK	135	69	22.97	22.97			
100	QPSK	135	138	22.88	22.88		24.0	0.0
100	QPSK	270	0	22.96	22.96			
100	16QAM	1	1	22.99	22.99		24.0	0.0
100	64QAM	1	1	22.90	22.90		24.0	0.0
100	256QAM	1	1	21.35	21.35		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	24.0	0.0
90	QPSK	1	1	22.98	22.95	22.94	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3488.02	3499.98	3510	24.0	0.0
80	QPSK	1	1	22.95	22.93	22.80	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	24.0	0.0
70	QPSK	1	1	22.94	22.81	22.84	24.0	0.0
Channel				632000	633332	634966	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	24.0	0.0
60	QPSK	1	1	22.93	22.84	22.93	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	24.0	0.0
50	QPSK	1	1	22.96	22.81	22.90	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.03	3499.98	3529.98	24.0	0.0
40	QPSK	1	1	22.97	22.81	22.86	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	24.0	0.0
30	QPSK	1	1	22.87	22.88	22.90	24.0	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	24.0	0.0
20	QPSK	1	1	22.90	22.92	22.80	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	24.0	0.0
15	QPSK	1	1	22.97	22.87	22.83	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	24.0	0.0
10	QPSK	1	1	22.87	22.84	22.86	24.0	0.0

Part27Q_n77(HPUE)_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				633000	633332	633666		
Frequency (MHz)				25.87	25.87	25.87		
100	PI2 BPSK	1	1	25.87	25.81		27.0	0.0
100	PI2 BPSK	1	137	25.81	25.81			
100	PI2 BPSK	1	271	25.92	25.92			
100	PI2 BPSK	135	0	25.90	25.90		26.5	0.5
100	PI2 BPSK	135	69	25.85	25.85		27.0	0.0
100	PI2 BPSK	135	138	25.25	25.25		26.5	0.5
100	PI2 BPSK	270	0	25.90	25.90			
100	QPSK	1	1	25.95	25.95			
100	QPSK	1	137	25.75	25.75		27.0	0.0
100	QPSK	1	271	25.84	25.84			
100	QPSK	135	0	25.80	25.80			
100	QPSK	135	69	25.95	25.95		26.0	1.0
100	QPSK	135	138	24.77	24.77			
100	QPSK	270	0	24.86	24.86			
100	16QAM	1	1	24.69	24.69		26.0	1.0
100	64QAM	1	1	23.21	23.21		24.5	2.5
100	256QAM	1	1	21.35	21.35		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	27.0	0.0
90	QPSK	1	1	25.83	25.81	25.83	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3488.02	3499.98	3510	27.0	0.0
80	QPSK	1	1	25.90	25.90	25.86	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	27.0	0.0
70	QPSK	1	1	25.88	25.93	25.92	27.0	0.0
Channel				632000	633332	634966	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	27.0	0.0
60	QPSK	1	1	25.93	25.84	25.93	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	27.0	0.0
50	QPSK	1	1	25.92	25.88	25.90	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.03	3499.98	3529.98	27.0	0.0
40	QPSK	1	1	25.83	25.91	25.83	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	27.0	0.0
30	QPSK	1	1	25.89	25.89	25.85	27.0	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	27.0	0.0
20	QPSK	1	1	25.87	25.83	25.93	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	27.0	0.0
15	QPSK	1	1	25.91	25.86	25.86	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	27.0	0.0
10	QPSK	1	1	25.82	25.89	25.92	27.0	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				650000	650000	650000		
Frequency (MHz)				720	3840	3600		
100	PI2 BPSK	1	1	23.05	22.86	23.04		
100	PI2 BPSK	1	137	22.96	22.93	22.96	24.0	0.0
100	PI2 BPSK	1	271	22.97	22.85	23.01		
100	PI2 BPSK	135	0	22.96	22.91	22.94	24.0	0.0
100	PI2 BPSK	135	69	23.07	22.94	22.98	24.0	0.0
100	PI2 BPSK	135	138	23.00	22.92	22.92		
100	PI2 BPSK	270	0	23.03	22.84	23.03	24.0	0.0
100	QPSK	1	1	23.10	22.95	23.07		
100	QPSK	1	137	23.08	22.94	23.04	24.0	0.0
100	QPSK	1	271	23.08	22.94	22.94		
100	QPSK	135	0	23.00	22.86	23.02		
100	QPSK	135	69	23.07	22.87	23.03	24.0	0.0
100	QPSK	135	138	22.97	22.82	23.00		
100	QPSK	270	0	23.05	22.91	22.92	24.0	0.0
100	16QAM	1	1	22.95	22.82	22.94	24.0	0.0
100	64QAM	1	1	23.04	22.90	22.93	24.0	0.0
100	256QAM	1	1	21.11	21.21	21.18	22.5	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	24.0	0.0
90	QPSK	1	1	23.02	22.94	23.04	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	24.0	0.0
80	QPSK	1	1	23.04	22.86	22.99	24.0	0.0
Channel				649000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	24.0	0.0
70	QPSK	1	1	23.05	22.86	23.05	24.0	0.0
Channel				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720.02	3840	3944.98	24.0	0.0
60	QPSK	1	1	23.06	22.88	22.96	24.0	0.0
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	24.0	0.0
50	QPSK	1	1	23.01	22.89	22.98	24.0	0.0
Channel				648000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3950	24.0	0.0
40	QPSK	1	1	23.08	22.93	22.98	24.0	0.0
Channel				647668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	24.0	0.0
30	QPSK	1	1	22.97	22.93	22.99	24.0	0.0
Channel				647334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	24.0	0.0
20	QPSK	1	1	22.96	22.93	22.94	24.0	0.0
Channel				647168	650000	650432	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	24.0	0.0
15	QPSK	1	1	23.01	22.86	22.94	24.0	0.0
Channel				647000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	24.0	0.0
10	QPSK	1	1	23.05	22.86	23.01	24.0	0.0

Part270_n77(HPUe)_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				650000	650000	650000		
Frequency (MHz)				720	3840	3600		
100	PI2 BPSK	1	1	25.80	25.11	25.89		
100	PI2 BPSK	1	137	25.65	25.55	25.58	27.0	0.0
100	PI2 BPSK	1	271	25.99	25.87	25.94		
100	PI2 BPSK	135	0	25.18	25.12	25.12	26.5	0.5
100	PI2 BPSK	135	69	25.65	25.51	25.53	27.0	0.0
100	PI2 BPSK	135	138	25.17	25.11	25.16		
100	PI2 BPSK	270	0	25.20	25.11	25.20	26.5	0.5
100	QPSK	1	1	25.96	26.14	26.05		
100	QPSK	1	137	25.76	25.76	25.64	27.0	0.0
100	QPSK	1	271	25.93	26.05	25.91		
100	QPSK	135	0	24.68	24.60	24.64		
100	QPSK	135	69	25.92	25.60	25.97	27.0	0.0
100	QPSK	135	138	24.68	24.67	24.64		
100	QPSK	270	0	24.71	24.72	24.70	26.0	1.0
100	16QAM	1	1	24.66	24.54	24.54	26.0	1.0
100	64QAM	1	1	23.20	23.13	23.19	24.5	2.5
100	256QAM	1	1	21.21	21.11	21.18	22.5	4.5
Channel				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	24.0	0.0
90	QPSK	1	1	26.03	25.90	26.02	27.0	0.0
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	24.0	0.0
80	QPSK	1	1	26.12	25.94	25.99	27.0	0.0
Channel				648000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	24.0	0.0
70	QPSK	1	1	26.11	25.93	25.92	27.0	0.0
Channel				648668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720.02	3840	3944.98	24.0	0.0
60	QPSK	1	1	26.11	25.92	25.93	27.0	0.0
Channel				648334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	24.0	0.0
50	QPSK	1	1	26.06	25.93	25.96	27.0	0.0
Channel				648000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3950	24.0	0.0
40	QPSK	1	1	26.10	25.95	25.92	27.0	0.0
Channel				647668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	24.0	0.0
30	QPSK	1	1	26.06	25.82	25.91	27.0	0.0
Channel				647334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	24.0	0.0
20	QPSK	1	1	26.12	25.81	25.96	27.0	0.0
Channel				647168	650000	650432	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	24.0	0.0
15	QPSK	1	1	26.06	25.83	25.83	27.0	0.0
Channel				647000	650000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	24.0	0.0
10	QPSK	1	1	26.11	25.85	25.90	27.0	0.0

Part27Q_n77_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				633000	633332	633666		
Frequency (MHz)				3495	3499.98	3504.98		
100	PI2 BPSK	1	1	23.07				
100	PI2 BPSK	1	137	22.98			24.0	0.0
100	PI2 BPSK	1	271	23.10				
100	PI2 BPSK	135	0	23.08			24.0	0.0
100	PI2 BPSK	135	69	23.05			24.0	0.0
100	PI2 BPSK	135	138	22.99			24.0	0.0
100	PI2 BPSK	270	0	22.99			24.0	0.0
100	QPSK	1	1	23.12				
100	QPSK	1	137	23.11			24.0	0.0
100	QPSK	1	271	23.06				
100	QPSK	135	0	22.99				
100	QPSK	135	69	23.10			24.0	0.0
100	QPSK	135	138	23.01				
100	QPSK	270	0	23.06			24.0	0.0
100	16QAM	1	1	23.01			24.0	0.0
100	64QAM	1	1	23.05			24.0	0.0
100	256QAM	1	1	21.37			22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.98	24.0	0.0
90	QPSK	1	1	23.02	23.03	23.09	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	24.0	0.0
80	QPSK	1	1	23.00	22.99	22.96	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	24.0	0.0
70	QPSK	1	1	22.98	22.99	23.08	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98	24.0	0.0
60	QPSK	1	1	23.00	22.94	22.96	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	24.0	0.0
50	QPSK	1	1	22.96	22.97	23.01	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	24.0	0.0
40	QPSK	1	1	22.89	22.93	22.97	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98	24.0	0.0
30	QPSK	1	1	22.94	22.90	22.95	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	24.0	0.0
20	QPSK	1	1	22.99	22.90	23.00	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	24.0	0.0
15	QPSK	1	1	22.94	23.00	22.95	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	24.0	0.0
10	QPSK	1	1	22.90	22.98	22.96	24.0	0.0

Part270_n78_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				65000				
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	22.75			24.0	0.0
100	PI2 BPSK	1	137	22.89				
100	PI2 BPSK	1	271	22.78				
100	PI2 BPSK	135	0	22.77			24.0	0.0
100	PI2 BPSK	135	69	22.87			24.0	0.0
100	PI2 BPSK	135	138	22.80			24.0	0.0
100	PI2 BPSK	270	0	22.89				
100	QPSK	1	1	22.90			24.0	0.0
100	QPSK	1	137	22.80				
100	QPSK	1	271	22.79				
100	QPSK	135	0	22.77			24.0	0.0
100	QPSK	135	69	22.84				
100	QPSK	135	138	22.79				
100	QPSK	270	0	22.81			24.0	0.0
100	16QAM	1	1	22.75			24.0	0.0
100	64QAM	1	1	22.80			24.0	0.0
100	256QAM	1	1		21.32		22.5	1.5
Channel				64968	65000	65032	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.85	22.89	22.88	24.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	22.78	22.85	22.79	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.75	22.86	22.85	24.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3720.02	3750	3780.98	(dBm)	(dB)
60	QPSK	1	1	22.84	22.76	22.77	24.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.77	22.76	22.78	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.71	22.84	22.78	24.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.83	22.88	22.77	24.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.82	22.75	22.83	24.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.77	22.77	22.80	24.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.74	22.86	22.84	24.0	0.0

Part270_n78(HPUE)_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				65000				
Frequency (MHz)				3750				
100	PI2 BPSK	1	1	25.84			27.0	0.0
100	PI2 BPSK	1	137	25.74				
100	PI2 BPSK	1	271	25.55				
100	PI2 BPSK	135	0	25.24			26.5	0.5
100	PI2 BPSK	135	69	25.65			27.0	0.0
100	PI2 BPSK	135	138	25.08			26.5	0.5
100	PI2 BPSK	270	0	25.13				
100	QPSK	1	1	25.92			27.0	0.0
100	QPSK	1	137	25.72				
100	QPSK	1	271	25.52				
100	QPSK	135	0	24.70			27.0	0.0
100	QPSK	135	69	25.67				
100	QPSK	135	138	24.54				
100	QPSK	270	0	24.56			26.0	1.0
100	16QAM	1	1	24.84			26.0	1.0
100	64QAM	1	1	23.20			24.5	2.5
100	256QAM	1	1		21.32		22.5	4.5
Channel				64968	65000	65032	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.81	25.73	25.81	27.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	25.88	25.84	25.74	27.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.85	25.74	25.77	27.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3720.02	3750	3780.98	(dBm)	(dB)
60	QPSK	1	1	25.84	25.87	25.73	27.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.84	25.87	25.74	27.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.78	25.83	25.72	27.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.74	25.87	25.77	27.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.78	25.88	25.70	27.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.81	25.78	25.71	27.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.82	25.79	25.76	27.0	0.0

n2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 372000	Power Middle Ch. / Freq 376000	Power High Ch. / Freq 380500	Tune-up limit (dBm)	MPR (dB)	
Channel				1850	1880	1900			
Frequency (MHz)									
20	PI2 BPSK	1	1	18.77	18.79	18.70	19.4	0.0	
20	PI2 BPSK	1	53	18.71	18.77	18.66			
20	PI2 BPSK	1	104	18.76	18.91	18.75			
20	PI2 BPSK	50	0	18.82	18.80	18.80	19.4	0.0	
20	PI2 BPSK	50	28	18.81	18.84	18.70	19.4	0.0	
20	PI2 BPSK	50	56	18.70	18.91	18.77	19.4	0.0	
20	PI2 BPSK	100	0	18.80	18.82	18.74			
20	QPSK	1	1	18.85	18.82	18.81			
20	QPSK	1	53	18.83	18.81	18.66	19.4	0.0	
20	QPSK	1	104	18.79	18.91	18.79	19.4	0.0	
20	QPSK	50	0	18.72	18.85	18.67			
20	QPSK	50	28	18.81	18.88	18.75			
20	QPSK	50	56	18.76	18.86	18.67	19.4	0.0	
20	QPSK	100	0	18.79	18.85	18.68			
20	16QAM	1	1	18.83	18.78	18.71	19.4	0.0	
20	64QAM	1	1	18.84	18.87	18.80	19.4	0.0	
20	256QAM	1	1	18.82	18.86	18.84	18.9	0.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	18.80	18.79	18.78	19.4	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852	1880	1905			
10	QPSK	1	1	18.78	18.80	18.78	19.4	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	18.76	18.85	18.68	19.4	0.0	

Power Mode for DSI 1									
n5_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				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	21.05	21.08	21.04	22.0	0.0	
20	PI2 BPSK	1	53	20.88	20.91	20.92			
20	PI2 BPSK	1	104	20.91	20.84	20.86			
20	PI2 BPSK	50	0	20.97	21.06	21.04	22.0	0.0	
20	PI2 BPSK	50	28	20.83	21.00	20.94	22.0	0.0	
20	PI2 BPSK	50	56	20.96	20.96	20.93	22.0	0.0	
20	PI2 BPSK	100	0	21.01	21.02	21.00			
20	QPSK	1	1	21.07	21.12	20.96			
20	QPSK	1	53	20.83	20.97	20.86	22.0	0.0	
20	QPSK	1	104	21.04	20.98	20.93	22.0	0.0	
20	QPSK	50	0	20.83	20.94	20.96			
20	QPSK	50	28	21.01	21.07	21.02			
20	QPSK	50	56	20.91	20.91	20.90	22.0	0.0	
20	QPSK	100	0	20.96	21.00	20.87	22.0	0.0	
20	16QAM	1	1	20.96	20.93	20.88	22.0	0.0	
20	64QAM	1	1	20.91	20.90	20.97	21.5	0.5	
20	256QAM	1	1	18.82	18.91	18.77	19.5	2.5	
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				834	836.5	839			
15	QPSK	1	1	20.93	21.00	20.96	22.0	0.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
10	QPSK	1	1	20.97	20.98	20.91	22.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
5	QPSK	1	1	20.98	21.02	20.96	22.0	0.0	

n12_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				141300	141900	141700			
Frequency (MHz)				701.5	707.5	708.3			
15	PI2 BPSK	1	1	20.88	20.94	20.83	22.0	0.0	
15	PI2 BPSK	1	40	20.90	20.96	20.88			
15	PI2 BPSK	1	77	20.87	20.91	20.84			
15	PI2 BPSK	36	0	20.83	21.04	20.81	22.0	0.0	
15	PI2 BPSK	36	22	20.93	21.02	20.83	22.0	0.0	
15	PI2 BPSK	36	43	20.89	20.95	20.84	22.0	0.0	
15	PI2 BPSK	75	0	20.84	20.95	20.87			
15	QPSK	1	1	20.94	21.05	20.93			
15	QPSK	1	40	20.84	20.92	20.84	22.0	0.0	
15	QPSK	1	77	20.82	21.02	20.88	22.0	0.0	
15	QPSK	36	0	20.90	21.00	20.81			
15	QPSK	36	22	20.91	21.03	20.95			
15	QPSK	36	43	20.88	21.00	20.79	22.0	0.0	
15	QPSK	75	0	20.88	20.92	20.86	22.0	0.0	
15	16QAM	1	1	20.84	20.97	20.91			
15	64QAM	1	1	20.99	20.91	20.20	21.5	0.5	
15	256QAM	1	1	18.77	18.88	18.82	19.5	2.5	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	20.91	20.95	20.79	22.0	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5 <td>22.0</td> <td>0.0</td> <td></td>	22.0	0.0	
5	QPSK	1	1	20.81	20.91	20.86	22.0	0.0	

n14_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				793				
Frequency (MHz)				793				
10	PI/2 BPSK	1	1		20.92			
10	PI/2 BPSK	1	26		20.97		22.0	0.0
10	PI/2 BPSK	1	50		21.02			
10	PI/2 BPSK	25	0		20.99		22.0	0.0
10	PI/2 BPSK	25	14		20.86		22.0	0.0
10	PI/2 BPSK	25	27		20.99			
10	PI/2 BPSK	50	0		21.02		22.0	0.0
10	QPSK	1	1		21.03			
10	QPSK	1	26		20.99		22.0	0.0
10	QPSK	1	50		20.91			
10	QPSK	25	0		20.96		22.0	0.0
10	QPSK	25	14		21.02		22.0	0.0
10	QPSK	25	27		20.99			
10	QPSK	50	0		20.97		22.0	0.0
10	16QAM	1	1		20.94		22.0	0.0
10	64QAM	1	1		20.32		21.5	0.5
10	256QAM	1	1		18.51		19.5	2.5
Channel				158100	158600	159100	Tune-up limit	MPR
Frequency (MHz)				790.5	793	795.5	(dBm)	(dB)
5	QPSK	1	1	20.91	20.92	20.98	22.0	0.0

n25_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				374000		376500		
Frequency (MHz)				1870		1882.5		
40	PI/2 BPSK	1	1		19.01	19.07	19.08	
40	PI/2 BPSK	1	108		19.02	19.11	19.03	
40	PI/2 BPSK	1	214		19.02	19.11	19.13	19.4
40	PI/2 BPSK	108	0		18.99	19.08	19.11	19.4
40	PI/2 BPSK	108	54		18.92	19.10	19.05	19.4
40	PI/2 BPSK	108	108		18.86	19.01	19.13	19.4
40	PI/2 BPSK	216	0		18.95	19.00	19.12	19.4
40	QPSK	1	1		19.00	19.15	19.14	
40	QPSK	1	108		18.96	19.08	19.06	19.4
40	QPSK	1	214		18.88	19.00	19.00	
40	QPSK	108	0		18.96	19.00	18.99	19.4
40	QPSK	108	54		18.97	19.12	19.03	19.4
40	QPSK	108	108		18.91	19.08	19.02	19.4
40	QPSK	216	0		18.97	19.11	19.00	19.4
40	16QAM	1	1		18.98	19.11	18.99	19.4
40	64QAM	1	1		18.95	19.08	19.02	19.4
40	256QAM	1	1		18.75	18.95	18.84	19.9
Channel				373500	376500	379500	Tune-up limit	MPR
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)	(dB)
35	QPSK	1	1		18.99	19.10	19.04	19.4
Channel				373000	376500	380000	Tune-up limit	MPR
Frequency (MHz)				1865	1882.5	1900	(dBm)	(dB)
30	QPSK	1	1		18.97	19.08	19.01	19.4
Channel				372500	376500	380500	Tune-up limit	MPR
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)	(dB)
25	QPSK	1	1		18.91	19.14	19.06	19.4
Channel				372000	376500	381000	Tune-up limit	MPR
Frequency (MHz)				1860	1882.5	1905	(dBm)	(dB)
20	QPSK	1	1		18.90	19.01	19.01	19.4
Channel				371500	376500	381500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)	(dB)
15	QPSK	1	1		18.86	19.04	19.08	19.4
Channel				371000	376500	382000	Tune-up limit	MPR
Frequency (MHz)				1855	1882.5	1910	(dBm)	(dB)
10	QPSK	1	1		18.88	19.10	18.99	19.4
Channel				370500	376500	382500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)	(dB)
5	QPSK	1	1		19.01	19.08	19.10	19.4

n30_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				461500		462000		
Frequency (MHz)				2310				
10	PI/2 BPSK	1	1		17.10			
10	PI/2 BPSK	1	26		17.10		17.6	0.0
10	PI/2 BPSK	1	50		17.00			
10	PI/2 BPSK	25	0		17.11		17.6	0.0
10	PI/2 BPSK	25	14		17.12		17.6	0.0
10	PI/2 BPSK	25	27		17.06			
10	PI/2 BPSK	50	0		17.07		17.6	0.0
10	QPSK	1	1		17.13			
10	QPSK	1	26		17.12		17.6	0.0
10	QPSK	1	50		16.98			
10	QPSK	25	0		17.00		17.6	0.0
10	QPSK	25	14		17.11		17.6	0.0
10	QPSK	25	27		16.98			
10	QPSK	50	0		17.08		17.6	0.0
10	16QAM	1	1		17.04		17.6	0.0
10	64QAM	1	1		17.10		17.6	0.0
10	256QAM	1	1		16.98		17.6	0.0
Channel				461500	462000	462500	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	1		17.08	17.07	17.02	17.6

n66_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				1730	1745	1760			
Frequency (MHz)									
40	PV2 BPSK	1	1	18.94	18.93	18.95			
40	PV2 BPSK	1	108	18.88	18.95	18.88	20.0	0.0	0.0
40	PV2 BPSK	1	214	18.97	18.99	19.00			
40	PV2 BPSK	108	0	19.00	19.06	18.92	20.0	0.0	0.0
40	PV2 BPSK	108	54	18.90	19.03	18.98	20.0	0.0	0.0
40	PV2 BPSK	108	108	18.94	19.03	19.00			
40	PV2 BPSK	216	0	18.91	19.04	18.97	20.0	0.0	0.0
40	QPSK	1	1	19.02	19.08	19.03			
40	QPSK	1	108	18.99	18.93	18.92	20.0	0.0	0.0
40	QPSK	1	214	18.97	19.03	18.88			
40	QPSK	108	0	18.91	18.94	18.92	20.0	0.0	0.0
40	QPSK	108	54	19.07	19.05	19.02	20.0	0.0	0.0
40	QPSK	108	108	18.88	19.02	18.93	20.0	0.0	0.0
40	QPSK	216	0	18.99	19.01	18.95	20.0	0.0	0.0
40	16QAM	1	1	19.00	18.99	18.94	20.0	0.0	0.0
40	64QAM	1	1	18.98	19.05	18.93	20.0	0.0	0.0
40	256QAM	1	1	18.74	18.78	18.68	19.5	0.5	0.5
Channel				345500	349000	352000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	18.96	18.94	19.00	20.0	0.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.00	18.97	18.92	20.0	0.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	19.00	18.95	18.94	20.0	0.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	18.90	19.06	18.99	20.0	0.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.93	19.04	18.95	20.0	0.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.88	18.93	18.88	20.0	0.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.84	19.01	18.97	20.0	0.0	0.0

n70_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									
Frequency (MHz)									
15	PV2 BPSK	1	1	18.92					
15	PV2 BPSK	1	40	18.94			20.0	0.0	
15	PV2 BPSK	1	77	19.00					
15	PV2 BPSK	36	0	18.94			20.0	0.0	
15	PV2 BPSK	36	22	18.95			20.0	0.0	
15	PV2 BPSK	36	43	18.99					
15	PV2 BPSK	75	0	18.86			20.0	0.0	
15	QPSK	1	1	19.01					
15	QPSK	1	40	18.97			20.0	0.0	
15	QPSK	1	77	18.95					
15	QPSK	36	0	18.92			20.0	0.0	
15	QPSK	36	22	18.96			20.0	0.0	
15	QPSK	36	43	18.91					
15	QPSK	75	0	18.95			20.0	0.0	
15	16QAM	1	1	18.90			20.0	0.0	
15	64QAM	1	1	18.97			20.0	0.0	
15	256QAM	1	1	18.48			19.5	0.5	
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1700	1702.5	1705			
10	QPSK	1	1	19.00	18.90	18.97	20.0	0.0	
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1697.5	1702.5	1707.5			
5	QPSK	1	1	18.93	18.89	18.85	20.0	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				671	680.5	688			
Frequency (MHz)									
20	PV2 BPSK	1	1	20.96	20.99	20.98			
20	PV2 BPSK	1	53	21.00	20.95	20.88	22.0	0.0	
20	PV2 BPSK	1	104	20.93	20.96	20.96			
20	PV2 BPSK	50	0	20.92	20.90	20.95	22.0	0.0	
20	PV2 BPSK	50	25	21.02	20.98	20.89	22.0	0.0	
20	PV2 BPSK	50	56	20.94	20.91	20.92			
20	PV2 BPSK	100	0	20.89	20.94	20.85	22.0	0.0	
20	QPSK	1	1	21.01	21.04	20.99			
20	QPSK	1	53	20.97	20.86	20.95	22.0	0.0	
20	QPSK	1	104	20.99	20.99	20.85			
20	QPSK	50	0	20.91	20.90	20.86	22.0	0.0	
20	QPSK	50	25	20.95	21.02	20.94	22.0	0.0	
20	QPSK	50	56	20.92	20.86	20.89	22.0	0.0	
20	QPSK	100	0	20.96	20.98	20.86			
20	16QAM	1	1	20.98	20.97	20.85	22.0	0.0	
20	64QAM	1	1	20.97	20.70	20.67	21.5	0.5	
20	256QAM	1	1	18.51	18.66	18.60	19.5	2.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	20.95	20.90	20.87	22.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	20.96	20.90	20.93	22.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	20.91	20.96	20.84	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				518004	519000	519996		
Frequency (MHz)				2592.02	2595	2598.98		
40	PI2 BPSK	1	1	18.82	18.87	18.83		
40	PI2 BPSK	1	53	18.95	18.84	18.89	20.0	0.0
40	PI2 BPSK	1	104	18.92	18.90	18.82		
40	PI2 BPSK	50	0	18.92	18.85	18.93	20.0	0.0
40	PI2 BPSK	50	28	18.95	18.91	18.83	20.0	0.0
40	PI2 BPSK	50	56	18.90	18.86	18.84		
40	PI2 BPSK	100	0	18.81	18.86	18.95	20.0	0.0
40	QPSK	1	1	18.95	18.88	18.81		
40	QPSK	1	53	18.94	18.89	18.82	20.0	0.0
40	QPSK	1	104	18.95	18.98	18.95		
40	QPSK	50	0	18.89	18.94	18.87		
40	QPSK	50	28	18.90	18.95	18.95	20.0	0.0
40	QPSK	50	56	18.84	18.95	18.93		
40	QPSK	100	0	18.84	18.91	18.88	20.0	0.0
40	16QAM	1	1	18.92	18.86	18.86	20.0	0.0
40	64QAM	1	1	18.89	18.88	18.94	20.0	0.0
40	256QAM	1	1	18.65	18.66	18.58	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.93	18.90	18.90	20.0	0.0
Channel				516904	519000	521498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.52	2595	2602.48		
25	QPSK	1	1	18.92	18.85	18.91	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.81	18.84	18.85	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.90	18.91	18.91	20.0	0.0
Channel				515004	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.83	18.84	18.90	20.0	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				509202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2642		
100	PI2 BPSK	1	1	18.40	18.54	18.49		
100	PI2 BPSK	1	137	18.52	18.53	18.49	20.0	0.0
100	PI2 BPSK	1	271	18.41	18.50	18.50		
100	PI2 BPSK	135	0	18.53	18.58	18.57	20.0	0.0
100	PI2 BPSK	135	69	18.42	18.48	18.59	20.0	0.0
100	PI2 BPSK	135	133	18.48	18.51	18.49		
100	PI2 BPSK	270	0	18.45	18.56	18.55	20.0	0.0
100	QPSK	1	1	18.40	18.60	18.48		
100	QPSK	1	137	18.53	18.46	18.47	20.0	0.0
100	QPSK	1	271	18.55	18.61	18.51		
100	QPSK	135	0	18.41	18.50	18.46		
100	QPSK	135	69	18.40	18.59	18.45	20.0	0.0
100	QPSK	135	133	18.44	18.54	18.47		
100	QPSK	270	0	18.42	18.55	18.46	20.0	0.0
100	16QAM	1	1	18.53	18.47	18.52	20.0	0.0
100	64QAM	1	1	18.48	18.52	18.50	20.0	0.0
100	256QAM	1	1	18.53	18.46	18.46	20.0	0.0
Channel				509200	518598	528098	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.46	18.56	18.49	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2643.99		
80	QPSK	1	1	18.49	18.55	18.50	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.50	18.58	18.59	20.0	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2524	2592.99	2654.98		
60	QPSK	1	1	18.42	18.47	18.55	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.42	18.46	18.51	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.47	18.57	18.60	20.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.46	18.55	18.46	20.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
20	QPSK	1	1	18.54	18.58	18.50	20.0	0.0
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.44	18.50	18.46	20.0	0.0
Channel				500302	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.40	18.49	18.46	20.0	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				509202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2642		
100	PI2 BPSK	1	1	18.40	18.54	18.49		
100	PI2 BPSK	1	137	18.52	18.53	18.49	20.0	0.0
100	PI2 BPSK	1	271	18.41	18.50	18.50		
100	PI2 BPSK	135	0	18.53	18.58	18.57	20.0	0.0
100	PI2 BPSK	135	69	18.42	18.48	18.59	20.0	0.0
100	PI2 BPSK	135	133	18.48	18.51	18.49		
100	PI2 BPSK	270	0	18.45	18.56	18.55	20.0	0.0
100	QPSK	1	1	18.40	18.60	18.48		
100	QPSK	1	137	18.53	18.46	18.47	20.0	0.0
100	QPSK	1	271	18.55	18.61	18.51		
100	QPSK	135	0	18.41	18.50	18.46		
100	QPSK	135	69	18.40	18.59	18.45	20.0	0.0
100	QPSK	135	133	18.44	18.54	18.47		
100	QPSK	270	0	18.42	18.55	18.46	20.0	0.0
100	16QAM	1	1	18.53	18.47	18.52	20.0	0.0
100	64QAM	1	1	18.48	18.52	18.50	20.0	0.0
100	256QAM	1	1	18.53	18.46	18.46	20.0	0.0
Channel				509200	518598	528098	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.46	18.56	18.49	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2643.99		
80	QPSK	1	1	18.49	18.55	18.50	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.50	18.58	18.59	20.0	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2524	2592.99	2654.98		
60	QPSK	1	1	18.42	18.47	18.55	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.42	18.46	18.51	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.47	18.57	18.60	20.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.46	18.55	18.46	20.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
20	QPSK	1	1	18.54	18.58	18.50	20.0	0.0
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.44	18.50	18.46	20.0	0.0
Channel				500302	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.40	18.49	18.46	20.0	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)								
40	PV2 BPSK	1	1	17.53	18.05	17.84	18.8	0.0
40	PV2 BPSK	1	53	17.82	18.01	17.84		
40	PV2 BPSK	1	104	17.78	18.07	17.93		
40	PV2 BPSK	50	0	17.85	18.06	17.97		
40	PV2 BPSK	50	28	17.80	18.00	17.84	18.8	0.0
40	PV2 BPSK	50	56	17.83	18.01	17.91	18.8	0.0
40	PV2 BPSK	100	0	17.78	18.10	17.95		
40	QPSK	1	1	17.93	18.13	17.98		
40	QPSK	1	53	17.90	18.04	17.83		
40	QPSK	1	104	17.81	18.02	17.97	18.8	0.0
40	QPSK	50	0	17.79	17.98	17.90		
40	QPSK	50	28	17.88	18.10	17.91		
40	QPSK	50	56	17.78	18.01	17.84		
40	QPSK	100	0	17.89	18.08	17.88	18.8	0.0
40	16QAM	1	1	17.81	18.03	17.95	18.8	0.0
40	64QAM	1	1	17.91	17.82	17.86	18.8	0.0
40	256QAM	1	1	15.86	15.97	15.96	16.8	2.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.86	18.10	17.92	18.8	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.78	18.12	17.89	18.8	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	17.84	18.02	17.96	18.8	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	17.84	17.98	17.90	18.8	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	PV2 BPSK	1	1	18.10	18.10		19.0	0.0
100	PV2 BPSK	1	137	18.04				
100	PV2 BPSK	1	271	18.14				
100	PV2 BPSK	135	0	18.19				
100	PV2 BPSK	135	69	18.04			19.0	0.0
100	PV2 BPSK	135	138	18.21			19.0	0.0
100	PV2 BPSK	270	0	18.23				
100	QPSK	1	1	18.29				
100	QPSK	1	137	18.13				
100	QPSK	1	271	18.20			19.0	0.0
100	QPSK	135	0	18.17				
100	QPSK	135	69	18.26				
100	QPSK	135	138	18.23				
100	QPSK	270	0	18.16			19.0	0.0
100	16QAM	1	1	18.16			19.0	0.0
100	64QAM	1	1	18.01			19.0	0.0
100	256QAM	1	1	18.14			19.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.22	18.14	18.17	19.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.19	18.15	18.21	19.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.17	18.27	18.28	19.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.16	18.14	18.17	19.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.25	18.17	18.23	19.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.17	18.19	18.23	19.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.28	18.18	18.28	19.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.28	18.28	18.17	19.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.19	18.22	18.16	19.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.25	18.17	18.16	19.0	0.0

Part27Q_n77(HPUE)_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	PV2 BPSK	1	1	18.10	18.10		19.0	0.0
100	PV2 BPSK	1	137	18.04				
100	PV2 BPSK	1	271	18.14				
100	PV2 BPSK	135	0	18.19				
100	PV2 BPSK	135	69	18.04			19.0	0.0
100	PV2 BPSK	135	138	18.21			19.0	0.0
100	PV2 BPSK	270	0	18.23				
100	QPSK	1	1	18.29				
100	QPSK	1	137	18.13				
100	QPSK	1	271	18.20			19.0	0.0
100	QPSK	135	0	18.17				
100	QPSK	135	69	18.26				
100	QPSK	135	138	18.23				
100	QPSK	270	0	18.16			19.0	0.0
100	16QAM	1	1	18.16			19.0	0.0
100	64QAM	1	1	18.01			19.0	0.0
100	256QAM	1	1	18.14			19.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.22	18.14	18.17	19.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.19	18.15	18.21	19.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.17	18.27	18.28	19.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.16	18.14	18.17	19.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.25	18.17	18.23	19.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.17	18.19	18.23	19.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.28	18.18	18.28	19.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.28	18.28	18.17	19.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.19	18.22	18.16	19.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.25	18.17	18.16	19.0	0.0

Part270_n78_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				650000				
Frequency (MHz)				3750				
100	P12 BPSK	1	1	16.74			17.2	0.0
100	P12 BPSK	1	137	16.47				
100	P12 BPSK	1	271	16.31				
100	P12 BPSK	135	0	16.77			17.2	0.0
100	P12 BPSK	135	69	16.47			17.2	0.0
100	P12 BPSK	135	138	16.47			17.2	0.0
100	P12 BPSK	270	0	16.68			17.2	0.0
100	QPSK	1	1	16.81			17.2	0.0
100	QPSK	1	137	16.49				
100	QPSK	1	271	16.68				
100	QPSK	135	0	16.54			17.2	0.0
100	QPSK	135	69	16.78				
100	QPSK	135	138	16.72				
100	QPSK	270	0	16.65			17.2	0.0
100	16QAM	1	1	16.76			17.2	0.0
100	64QAM	1	1	16.61			17.2	0.0
100	256QAM	1	1	16.59			17.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.74	16.77	16.74	17.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.67	16.68	16.80	17.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.72	16.70	16.69	17.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.76	16.78	16.72	17.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.69	16.79	16.71	17.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.79	16.72	16.70	17.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.70	16.76	16.78	17.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.70	16.76	16.68	17.2	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	16.68	16.76	16.75	17.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.68	16.76	16.79	17.2	0.0

Part270_n78(HPUE)_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				65000				
Frequency (MHz)				3750				
100	P12 BPSK	1	1	16.74			17.2	0.0
100	P12 BPSK	1	137	16.47				
100	P12 BPSK	1	271	16.31				
100	P12 BPSK	135	0	16.77			17.2	0.0
100	P12 BPSK	135	69	16.47			17.2	0.0
100	P12 BPSK	135	138	16.47			17.2	0.0
100	P12 BPSK	270	0	16.68			17.2	0.0
100	QPSK	1	1	16.81			17.2	0.0
100	QPSK	1	137	16.49				
100	QPSK	1	271	16.68				
100	QPSK	135	0	16.54			17.2	0.0
100	QPSK	135	69	16.78				
100	QPSK	135	138	16.72				
100	QPSK	270	0	16.65			17.2	0.0
100	16QAM	1	1	16.76			17.2	0.0
100	64QAM	1	1	16.61			17.2	0.0
100	256QAM	1	1	16.59			17.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.74	16.77	16.74	17.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3748.01	3750	3751.99	(dBm)	(dB)
80	QPSK	1	1	16.67	16.68	16.80	17.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.72	16.70	16.69	17.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3720.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.76	16.78	16.72	17.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.69	16.79	16.71	17.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.79	16.72	16.70	17.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.70	16.76	16.78	17.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.70	16.76	16.68	17.2	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	16.68	16.76	16.75	17.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.68	16.76	16.79	17.2	0.0

n2_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 374000	Power Middle Ch. Freq. 374500	Power High Ch. Freq. 375000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	22.74	22.85	22.89			
20	PSS BPSK	1	53	22.87	22.88	22.73	24.0	0.0	
20	PSS BPSK	1	104	22.81	22.87	22.82			
20	PSS BPSK	50	0	22.35	22.41	22.38	23.5	0.5	
20	PSS BPSK	50	28	22.78	22.91	22.90	24.0	0.0	
20	PSS BPSK	50	56	22.77	22.38	22.22			
20	PSS BPSK	100	0	22.27	22.42	22.38	23.5	0.5	
20	QPSK	1	1	22.83	22.94	22.85			
20	QPSK	1	53	22.88	22.92	22.81	24.0	0.0	
20	QPSK	1	104	22.75	22.88	22.82			
20	QPSK	50	0	21.87	21.93	21.84	23.0	1.0	
20	QPSK	50	28	22.73	22.92	22.85	24.0	0.0	
20	QPSK	50	56	21.82	21.89	21.79	23.0	1.0	
20	QPSK	100	0	21.81	21.86	21.71			
20	16QAM	1	1	21.99	22.05	22.02	23.0	1.0	
20	64QAM	1	1	20.32	20.42	20.34	21.5	2.5	
20	256QAM	1	1	18.32	18.41	18.29	19.5	4.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.81	22.80	22.77	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.90	22.91	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.92	22.81	22.80	24.0	0.0	

n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. [dBm]	Power Middle Ch. Freq. [dBm]	Power High Ch. Freq. [dBm]	Time-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	23.12	23.13	23.05			
20	PSS BPSK	1	53	22.97	23.06	22.99	24.0	0.0	
20	PSS BPSK	1	104	22.97	22.98	22.94			
20	PSS BPSK	50	0	22.51	22.60	22.54	23.5	0.5	
20	PSS BPSK	50	28	22.98	23.07	23.08	24.0	0.0	
20	PSS BPSK	50	56	22.38	22.47	22.38			
20	PSS BPSK	100	0	22.47	22.53	22.51	23.5	0.5	
20	QPSK	1	1	23.05	23.15	23.12			
20	QPSK	1	53	22.92	22.98	22.88	24.0	0.0	
20	QPSK	1	104	22.84	22.95	22.92			
20	QPSK	50	0	21.97	22.08	22.04	23.0	1.0	
20	QPSK	50	28	22.38	23.05	23.04	24.0	0.0	
20	QPSK	50	56	21.84	21.91	21.90	23.0	1.0	
20	QPSK	100	0	21.98	22.04	22.02			
20	16QAM	1	1	22.12	22.22	22.19	23.0	1.0	
20	64QAM	1	1	20.46	20.54	20.47	21.5	2.5	
20	256QAM	1	1	18.89	18.97	18.86	19.5	4.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.95	22.97	22.91	24.0	0.0	MPR
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.94	23.02	22.94	24.0	0.0	MPR
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.93	23.04	22.95	24.0	0.0	MPR

n25_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Middle Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	23.72	23.85	23.85			
40	PSS BPSK	1	108	23.73	23.88	23.73	24.0	0.0	
40	PSS BPSK	1	214	23.83	23.96	23.78			
40	PSS BPSK	108	0	23.20	23.38	23.38	23.5	0.5	
40	PSS BPSK	108	54	23.74	23.81	23.71	24.0	0.0	
40	PSS BPSK	108	108	23.34	23.42	23.37			
40	PSS BPSK	216	0	23.31	23.38	23.23	23.5	0.5	
40	QPSK	1	1	23.65	23.63	23.62			
40	QPSK	1	108	23.80	23.81	23.80	24.0	0.0	
40	QPSK	1	214	23.88	23.92	23.87			
40	QPSK	108	0	21.91	21.94	21.81	23.0	1.0	
40	QPSK	108	54	22.71	22.85	22.72	24.0	0.0	
40	QPSK	108	108	21.81	21.94	21.81	23.0	1.0	
40	QPSK	216	0	21.85	21.90	21.76			
40	16QAM	1	1	21.65	21.69	21.65	23.0	1.0	
40	64QAM	1	1	20.42	20.44	20.37	21.5	2.5	
40	256QAM	1	1	18.27	18.32	18.28	19.5	4.5	
Channel									
Frequency (MHz)									
35	QPSK	1	1	22.81	22.89	22.88	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.82	22.90	22.88	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.91	22.99	22.89	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.89	22.88	22.84	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.93	22.99	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.89	22.93	22.89	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.88	22.91	22.85	24.0	0.0	

n66_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mide Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1740	1745	1860		
Frequency (MHz)				22.53	22.64	22.80		
40	PUS BPSK	1	1	22.53	22.64	22.80		
40	PUS BPSK	1	108	22.57	22.69	22.55	24.0	0.0
40	PUS BPSK	1	214	22.53	22.65	22.60		
40	PUS BPSK	108	0	22.10	22.18	22.08	23.5	0.5
40	PUS BPSK	108	54	22.43	22.58	22.44	24.0	0.0
40	PUS BPSK	108	108	22.05	22.14	22.10		
40	PUS BPSK	216	0	22.27	22.28	22.25	23.5	0.5
40	QPSK	1	1	22.53	22.75	22.71		
40	QPSK	1	108	22.47	22.63	22.51	24.0	0.0
40	QPSK	1	214	22.50	22.63	22.51		
40	QPSK	108	0	21.55	21.68	21.54	23.0	1.0
40	QPSK	108	54	22.13	22.13	22.14	24.0	0.0
40	QPSK	108	108	21.62	21.67	21.58	23.0	1.0
40	QPSK	216	0	21.62	21.72	21.69		
40	16QAM	1	1	21.60	21.70	21.58	23.0	1.0
40	64QAM	1	1	20.97	20.11	19.97	21.5	2.5
40	256QAM	1	1	18.40	18.54	18.43	19.5	4.5
Channel				18500	18500	18500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.57	22.69	22.58	24.0	0.0
Channel				18500	18500	18500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.54	22.71	22.58	24.0	0.0
Channel				18500	18500	18500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725.5	1745	1767.5		
25	QPSK	1	1	22.54	22.70	22.59	24.0	0.0
Channel				18500	18500	18500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.47	22.60	22.55	24.0	0.0
Channel				18500	18500	18500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.40	22.60	22.45	24.0	0.0
Channel				18500	18500	18500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.40	22.60	22.45	24.0	0.0
Channel				18500	18500	18500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.47	22.64	22.61	24.0	0.0

n71_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mide Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				13600	13650	13660		
Frequency (MHz)				22.80	22.94	22.93		
20	PUS BPSK	1	1	22.80	22.94	22.93		
20	PUS BPSK	1	53	22.89	23.01	22.91	24.0	0.0
20	PUS BPSK	1	104	22.80	22.95	22.92		
20	PUS BPSK	50	0	22.33	22.43	22.32	23.5	0.5
20	PUS BPSK	50	28	22.93	22.99	22.98	24.0	0.0
20	PUS BPSK	50	56	22.71	22.78	22.75	23.5	0.5
20	PUS BPSK	108	0	22.33	22.45	22.42		
20	QPSK	1	1	22.80	23.04	22.99		
20	QPSK	1	53	22.89	23.00	22.97	24.0	0.0
20	QPSK	1	104	22.96	22.98	22.83		
20	QPSK	50	0	21.79	21.93	21.81	23.0	1.0
20	QPSK	50	28	22.75	22.83	22.75	24.0	0.0
20	QPSK	50	56	21.81	21.91	21.87	23.0	1.0
20	QPSK	108	0	21.79	21.90	21.87		
20	16QAM	1	1	21.07	22.00	21.09	23.0	1.0
20	64QAM	1	1	20.57	20.70	20.67	21.5	2.5
20	256QAM	1	1	18.51	18.66	18.60	19.5	4.5
Channel				13600	13600	13600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675	680.5	683		
15	QPSK	1	1	22.63	23.03	22.65	24.0	0.0
Channel				13600	13600	13600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
10	QPSK	1	1	22.68	22.97	22.69	24.0	0.0
Channel				13600	13600	13600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
5	QPSK	1	1	22.89	22.98	23.01	24.0	0.0

Part27Q_n78_Ant 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. / Freq.	Power Mode Co. / Freq.	Power High Co. / Freq.	
Channel							
Frequency (MHz)				63332			
100	PI2 BPSK	1	1	22.74			
100	PI2 BPSK	1	137	22.78			
100	PI2 BPSK	1	271	22.82		24.0	0.0
100	PI2 BPSK	135	0	22.77		24.0	0.0
100	PI2 BPSK	135	69	22.75		24.0	0.0
100	PI2 BPSK	135	135	22.79		24.0	0.0
100	PI2 BPSK	270	0	22.85		24.0	0.0
100	QPSK	1	1	22.88			
100	QPSK	1	137	22.74		24.0	0.0
100	QPSK	1	271	22.82			
100	QPSK	135	0	22.78			
100	QPSK	135	69	22.84		24.0	0.0
100	QPSK	135	135	22.73			
100	QPSK	270	0	22.73		24.0	0.0
100	16QAM	1	1	22.77		24.0	0.0
100	64QAM	1	1	22.82		24.0	0.0
100	256QAM	1	1	21.51		22.5	1.5
Channel							
Frequency (MHz)				63330	63332	63334	63336
90	QPSK	1	1	22.87	22.78	22.85	24.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
80	QPSK	1	1	22.77	22.69	22.72	24.0
Channel							
Frequency (MHz)				63331	63333	63335	63337
70	QPSK	1	1	22.83	22.71	22.74	24.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
60	QPSK	1	1	22.84	22.64	22.76	24.0
Channel							
Frequency (MHz)				63331	63333	63335	63337
50	QPSK	1	1	22.77	22.76	22.83	24.0
Channel							
Frequency (MHz)				63331	63333	63335	63337
40	QPSK	1	1	22.77	22.69	22.72	24.0
Channel							
Frequency (MHz)				63331	63333	63335	63337
30	QPSK	1	1	22.83	22.72	22.81	24.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
20	QPSK	1	1	22.87	22.68	22.76	24.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
15	QPSK	1	1	22.77	22.72	22.74	24.0
Channel							
Frequency (MHz)				63334	63336	63338	63340
10	QPSK	1	1	22.76	22.76	22.75	24.0

Part27Q_n78(HPUE)_Ant 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. / Freq.	Power Mode Co. / Freq.	Power High Co. / Freq.	
Channel							
Frequency (MHz)				63332			
100	PI2 BPSK	1	1	25.76			
100	PI2 BPSK	1	137	25.84			
100	PI2 BPSK	1	271	25.87		27.0	0.0
100	PI2 BPSK	135	0	25.30		26.5	0.5
100	PI2 BPSK	135	69	25.83		27.0	0.0
100	PI2 BPSK	135	135	25.37		26.5	0.5
100	PI2 BPSK	270	0	25.30			
100	QPSK	1	1	25.89			
100	QPSK	1	137	25.81		27.0	0.0
100	QPSK	1	271	25.85			
100	QPSK	135	0	24.88			
100	QPSK	135	69	25.84		27.0	0.0
100	QPSK	135	135	24.88			
100	QPSK	270	0	24.82		26.0	1.0
100	16QAM	1	1	24.76		26.0	1.0
100	64QAM	1	1	22.10		24.5	2.5
100	256QAM	1	1	21.51		22.5	4.5
Channel							
Frequency (MHz)				63330	63332	63334	63336
90	QPSK	1	1	25.79	25.77	25.83	27.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
80	QPSK	1	1	25.87	25.78	25.74	27.0
Channel							
Frequency (MHz)				63331	63333	63335	63337
70	QPSK	1	1	25.83	25.76	25.78	27.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
60	QPSK	1	1	25.84	25.83	25.76	27.0
Channel							
Frequency (MHz)				63331	63333	63335	63337
50	QPSK	1	1	25.84	25.87	25.77	27.0
Channel							
Frequency (MHz)				63331	63333	63335	63337
40	QPSK	1	1	25.80	25.82	25.76	27.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
30	QPSK	1	1	25.77	25.79	25.85	27.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
20	QPSK	1	1	25.76	25.74	25.79	27.0
Channel							
Frequency (MHz)				63330	63332	63334	63336
15	QPSK	1	1	25.77	25.74	25.74	27.0
Channel							
Frequency (MHz)				63334	63336	63338	63340
10	QPSK	1	1	25.76	25.84	25.80	27.0

Part27O_n78_Ant 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	P12 BPSK	1	1	22.91			
100	P12 BPSK	1	137	22.92			
100	P12 BPSK	1	271	22.99			24.0
100	P12 BPSK	135	0	23.01			24.0
100	P12 BPSK	135	69	22.89			24.0
100	P12 BPSK	135	135	22.94			24.0
100	P12 BPSK	270	0	23.03			24.0
100	QPSK	1	1	22.92			
100	QPSK	1	137	22.99			24.0
100	QPSK	1	271	22.99			24.0
100	QPSK	135	0	22.87			24.0
100	QPSK	135	69	22.92			24.0
100	QPSK	135	135	22.89			24.0
100	QPSK	270	0	22.93			24.0
100	16QAM	1	1	22.99			24.0
100	64QAM	1	1	22.95			24.0
100	256QAM	1	1	21.33			22.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	22.90	22.98	22.98	24.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	22.83	22.96	22.94	24.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	22.86	22.88	22.94	24.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	22.75	22.90	22.89	24.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	22.78	22.92	22.97	24.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	22.70	22.94	22.89	24.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.70	22.88	22.89	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.87	22.88	22.89	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.92	22.96	22.93	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.85	22.92	22.90	24.0

Part27O_n78(HPUE)_Ant 4							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	P12 BPSK	1	1	25.97			
100	P12 BPSK	1	137	25.93			27.0
100	P12 BPSK	1	271	25.98			26.5
100	P12 BPSK	135	0	25.92			27.0
100	P12 BPSK	135	69	25.99			26.5
100	P12 BPSK	135	135	25.98			26.5
100	P12 BPSK	270	0	25.94			26.5
100	QPSK	1	1	25.99			27.0
100	QPSK	1	137	25.76			27.0
100	QPSK	1	271	25.93			27.0
100	QPSK	135	0	24.76			27.0
100	QPSK	135	69	25.73			26.0
100	QPSK	135	135	24.48			26.0
100	QPSK	270	0	24.71			26.0
100	16QAM	1	1	24.99			26.0
100	64QAM	1	1	22.95			24.5
100	256QAM	1	1	21.33			22.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	25.85	25.96	25.91	27.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	25.84	25.96	25.91	27.0
Channel							
Frequency (MHz)							
70	QPSK	1	1	25.94	25.92	25.91	27.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	25.87	25.91	25.84	27.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	25.84	25.86	25.82	27.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	25.94	25.94	25.88	27.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	25.90	25.88	25.85	27.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	25.88	25.96	25.82	27.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	25.84	25.98	25.92	27.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	25.92	25.88	25.87	27.0

Band 2_Ant 1

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n2_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Middle Ch. F.Freq.	Power High Ch. F.Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PUS BPSK	1	1	16.42	16.47	16.33			
20	PUS BPSK	1	53	16.34	16.39	16.28	17.0	0.0	
20	PUS BPSK	1	104	16.21	16.33	16.31			
20	PUS BPSK	50	0	16.43	16.43	16.39	17.0	0.0	
20	PUS BPSK	50	28	16.41	16.39	16.32	17.0	0.0	
20	PUS BPSK	50	56	16.21	16.40	16.35			
20	PUS BPSK	100	0	16.42	16.42	16.41	17.0	0.0	
20	QPSK	1	1	16.46	16.48	16.42			
20	QPSK	1	53	16.24	16.37	16.38	17.0	0.0	
20	QPSK	1	104	16.36	16.45	16.39			
20	QPSK	50	0	16.32	16.40	16.32	17.0	0.0	
20	QPSK	50	28	16.41	16.45	16.37	17.0	0.0	
20	QPSK	50	56	16.34	16.39	16.36			
20	QPSK	100	0	16.39	16.43	16.34	17.0	0.0	
20	16QAM	1	1	16.42	16.43	16.36	17.0	0.0	
20	64QAM	1	1	16.38	16.38	16.34	17.0	0.0	
20	256QAM	1	1	16.26	16.39	16.39	17.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.44	16.33	16.31	17.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.40	16.38	16.28	17.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	16.36	16.39	16.37	17.0	0.0	

n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Middle Ch. F.Freq.	Power High Ch. F.Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PUS BPSK	1	1	21.05	21.08	21.04			
20	PUS BPSK	1	53	20.88	20.91	20.82	22.0	0.0	
20	PUS BPSK	1	104	20.91	20.94	20.98			
20	PUS BPSK	50	0	20.97	21.06	21.04	22.0	0.0	
20	PUS BPSK	50	28	20.83	21.00	20.94	22.0	0.0	
20	PUS BPSK	50	56	20.96	20.98	20.93			
20	PUS BPSK	100	0	21.01	21.02	21.00	22.0	0.0	
20	QPSK	1	1	21.07	21.12	20.99			
20	QPSK	1	53	20.83	20.97	20.86	22.0	0.0	
20	QPSK	1	104	21.04	20.98	20.93			
20	QPSK	50	0	20.83	20.94	20.98	22.0	0.0	
20	QPSK	50	28	21.01	21.07	21.03	22.0	0.0	
20	QPSK	50	56	20.91	20.91	20.90	22.0	0.0	
20	QPSK	100	0	20.96	21.05	20.97			
20	16QAM	1	1	20.96	20.93	20.89	22.0	0.0	
20	64QAM	1	1	20.31	20.50	20.37	21.5	0.5	
20	256QAM	1	1	18.82	18.91	18.77	19.5	2.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.93	21.00	20.96	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.97	20.98	20.97	22.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	20.98	21.02	20.96	22.0	0.0	

n25_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq. 375000	Power Middle Ch. F.Freq. 376500	Power High Ch. F.Freq. 378000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PUS BPSK	1	1	16.33	16.25	16.35			
40	PUS BPSK	1	108	16.26	16.38	16.33	17.0	0.0	
40	PUS BPSK	1	214	16.25	16.47	16.34			
40	PUS BPSK	108	0	16.34	16.40	16.38	17.0	0.0	
40	PUS BPSK	108	54	16.35	16.43	16.47	17.0	0.0	
40	PUS BPSK	108	108	16.29	16.31	16.25			
40	PUS BPSK	216	0	16.26	16.34	16.30	17.0	0.0	
40	QPSK	1	1	16.43	16.54	16.37			
40	QPSK	1	108	16.26	16.44	16.30	17.0	0.0	
40	QPSK	1	214	16.24	16.33	16.38			
40	QPSK	108	0	16.34	16.43	16.36	17.0	0.0	
40	QPSK	108	54	16.35	16.45	16.38	17.0	0.0	
40	QPSK	108	108	16.24	16.39	16.28	17.0	0.0	
40	QPSK	216	0	16.32	16.48	16.43			
40	16QAM	1	1	16.29	16.47	16.46	17.0	0.0	
40	64QAM	1	1	16.30	16.46	16.24	17.0	0.0	
40	256QAM	1	1	16.27	16.38	16.36	17.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	16.30	16.52	16.24	17.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.34	16.48	16.22	17.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.31	16.53	16.23	17.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.34	16.47	16.28	17.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.33	16.47	16.34	17.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.27	16.43	16.31	17.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	16.35	16.49	16.23	17.0	0.0	

n66_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1740	1745	1750		
Frequency (MHz)								
40	PUSBPSK	1	1	17.52	17.74	17.74		
40	PUSBPSK	1	108	17.44	17.46	17.51	18.4	0.0
40	PUSBPSK	1	244	17.50	17.62	17.47		
40	PUSBPSK	108	0	17.60	17.76	17.78	18.4	0.0
40	PUSBPSK	108	54	17.64	17.81	17.77	18.4	0.0
40	PUSBPSK	108	108	17.45	17.60	17.48		
40	PUSBPSK	216	0	17.50	17.68	17.50	18.4	0.0
40	QPSK	1	1	17.65	17.83	17.57		
40	QPSK	1	108	17.51	17.56	17.58	18.4	0.0
40	QPSK	1	214	17.54	17.87	17.46		
40	QPSK	108	0	17.55	17.75	17.69	18.4	0.0
40	QPSK	108	54	17.61	17.76	17.71	18.4	0.0
40	QPSK	108	108	17.56	17.59	17.82	18.4	0.0
40	QPSK	216	0	17.63	17.92	17.71		
40	8QAM	1	1	17.59	17.79	17.70	18.4	0.0
40	8QAM	1	1	17.42	17.63	17.39	18.4	0.0
40	25QAM	1	1	17.55	17.71	17.52	18.4	0.0
Channel				17550	17550	17550		
Frequency (MHz)								
35	QPSK	1	1	1727.5	1745	1762.5		
Channel				1755	1762	1763	18.4	0.0
Frequency (MHz)								
Channel				1725	1745	1765		
30	QPSK	1	1	1740	1771	1784	18.4	0.0
Channel				17450	17450	17450		
Frequency (MHz)								
Channel				1722.5	1745	1767.5		
25	QPSK	1	1	1753	1763	1769	18.4	0.0
Channel				17400	17400	17400		
Frequency (MHz)								
Channel				1720	1745	1770		
20	QPSK	1	1	1740	1777	1785	18.4	0.0
Channel				17450	17450	17450		
Frequency (MHz)								
Channel				1717.5	1745	1772.5		
15	QPSK	1	1	1740	1776	1788	18.4	0.0
Channel				17400	17400	17400		
Frequency (MHz)								
Channel				1715	1745	1775		
10	QPSK	1	1	1740	1782	1785	18.4	0.0
Channel				17450	17450	17450		
Frequency (MHz)								
Channel				1712.5	1745	1777.5		
5	QPSK	1	1	1740	1777	1788	18.4	0.0

n71_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				13600	13600	13600		
Frequency (MHz)								
20	PUSBPSK	1	1	20.36	20.39	20.38		
20	PUSBPSK	1	53	21.00	20.95	20.88	22.0	0.0
20	PUSBPSK	1	104	20.93	20.96	20.95		
20	PUSBPSK	50	0	20.92	20.90	20.95	22.0	0.0
20	PUSBPSK	50	28	21.02	20.98	20.89	22.0	0.0
20	PUSBPSK	50	56	20.94	20.91	20.92	22.0	0.0
20	PUSBPSK	108	0	20.89	20.94	20.85		
20	QPSK	1	1	21.01	21.04	21.05		
20	QPSK	1	53	20.97	20.96	20.95	22.0	0.0
20	QPSK	1	104	20.99	20.99	20.85		
20	QPSK	50	0	20.91	20.90	20.88	22.0	0.0
20	QPSK	50	28	21.05	21.02	21.01	22.0	0.0
20	QPSK	50	56	20.92	20.86	20.89	22.0	0.0
20	QPSK	108	0	20.96	20.98	20.85		
20	16QAM	1	1	20.98	20.97	20.95	22.0	0.0
20	8QAM	1	1	20.97	20.70	20.67	21.5	0.5
20	25QAM	1	1	18.51	18.55	18.60	19.5	2.5
Channel				13700	13700	13700		
Frequency (MHz)								
Channel				678	680.5	683	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	20.95	20.90	20.87	22.0	0.0
Channel				13700	13700	13700		
Frequency (MHz)								
Channel				675.5	680.5	685.5	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	20.96	20.99	20.93	22.0	0.0
Channel				13700	13700	13700		
Frequency (MHz)								
Channel				673	680.5	688	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	20.91	20.96	20.94	22.0	0.0

FCC_n41_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F (Hz)	Power Middle Ch. F (Hz)	Power High Ch. F (Hz)	Turn-up limit (dBm)	MPR (dB)	
Channel				506002	516998	526998			
Frequency (MHz)				254.01	255.00	256.00			
100	PB2 BPSK	1	1	18.43	18.54	18.49			
100	PB2 BPSK	1	137	18.52	18.53	18.49	20.0	0.0	
100	PB2 BPSK	1	271	18.41	18.50	18.50			
100	PB2 BPSK	135	0	18.53	18.58	18.57	20.0	0.0	
100	PB2 BPSK	135	69	18.42	18.48	18.59	20.0	0.0	
100	PB2 BPSK	135	138	18.48	18.51	18.49			
100	PB2 BPSK	270	0	18.45	18.56	18.55	20.0	0.0	
100	QPSK	1	1	18.40	18.60	18.48			
100	QPSK	1	137	18.53	18.46	18.47	20.0	0.0	
100	QPSK	1	271	18.55	18.61	18.51			
100	QPSK	135	0	18.41	18.50	18.48			
100	QPSK	135	69	18.44	18.56		20.0	0.0	
100	QPSK	135	138	18.44	18.54	18.47			
100	QPSK	270	0	18.42	18.55	18.46	20.0	0.0	
100	16QAM	1	1	18.53	18.47	18.52	20.0	0.0	
100	64QAM	1	1	18.45	18.52	18.50	20.0	0.0	
100	256QAM	1	1	18.53	18.46	18.48	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2541	2552.99	2644.98			
90	QPSK	1	1	18.46	18.56	18.49	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2636.02	2552.99	2644.98			
80	QPSK	1	1	18.49	18.55	18.50	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2631.01	2552.99	2655			
70	QPSK	1	1	18.50	18.58	18.59	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2626	2552.99	2658.98			
60	QPSK	1	1	18.42	18.47	18.55	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2621.02	2552.99	2664.99			
50	QPSK	1	1	18.42	18.46	18.51	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2616.01	2552.99	2670			
40	QPSK	1	1	18.47	18.57	18.60	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2596.02	2552.99	2678.99			
30	QPSK	1	1	18.46	18.58	18.46	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2596.02	2552.99	2678.99			
20	QPSK	1	1	18.44	18.58	18.50	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2593.0	2552.99	2692.48			
15	QPSK	1	1	18.44	18.50	18.48	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2591.01	2552.99	2695			
10	QPSK	1	1	18.40	18.49	18.46	20.0	0.0	

FCC_n41(HPUe)_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F (Hz)	Power Middle Ch. F (Hz)	Power High Ch. F (Hz)	Turn-up limit (dBm)	MPR (dB)	
Channel				506002	516998	526998			
Frequency (MHz)				254.01	255.00	256.00			
100	PB2 BPSK	1	1	18.49	18.54	18.45			
100	PB2 BPSK	1	137	18.52	18.53	18.49	20.0	0.0	
100	PB2 BPSK	1	271	18.41	18.50	18.50			
100	PB2 BPSK	135	0	18.53	18.58	18.57	20.0	0.0	
100	PB2 BPSK	135	69	18.42	18.48	18.59	20.0	0.0	
100	PB2 BPSK	135	138	18.48	18.51	18.49			
100	PB2 BPSK	270	0	18.45	18.56	18.55	20.0	0.0	
100	QPSK	1	1	18.40	18.60	18.48			
100	QPSK	1	137	18.53	18.46	18.47	20.0	0.0	
100	QPSK	1	271	18.55	18.61	18.51			
100	QPSK	135	0	18.41	18.50	18.48			
100	QPSK	135	69	18.44	18.56		20.0	0.0	
100	QPSK	135	138	18.44	18.54	18.47			
100	QPSK	270	0	18.42	18.55	18.46	20.0	0.0	
100	16QAM	1	1	18.53	18.47	18.52	20.0	0.0	
100	64QAM	1	1	18.45	18.52	18.50	20.0	0.0	
100	256QAM	1	1	18.53	18.46	18.48	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2541	2552.99	2644.98			
90	QPSK	1	1	18.46	18.56	18.49	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2636.02	2552.99	2644.98			
80	QPSK	1	1	18.49	18.55	18.50	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2631.01	2552.99	2655			
70	QPSK	1	1	18.50	18.58	18.59	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2626	2552.99	2658.98			
60	QPSK	1	1	18.42	18.47	18.55	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2621.02	2552.99	2664.99			
50	QPSK	1	1	18.42	18.46	18.51	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2616.01	2552.99	2670			
40	QPSK	1	1	18.47	18.57	18.60	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2596.02	2552.99	2678.99			
30	QPSK	1	1	18.46	18.58	18.46	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2596.02	2552.99	2678.99			
20	QPSK	1	1	18.44	18.58	18.50	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2593.0	2552.99	2692.48			
15	QPSK	1	1	18.44	18.50	18.48	20.0	0.0	
Channel				506002	516998	526998			
Frequency (MHz)				2591.01	2552.99	2695			
10	QPSK	1	1	18.40	18.49	18.46	20.0	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.	Turn-up limit (dBm)	MPR (dB)	
Channel				603000	613000	623000			
Frequency (MHz)				349.98					
100	PB2 BPSK	1	1	18.10				19.0	0.0
100	PB2 BPSK	1	137	18.04					
100	PB2 BPSK	1	271	18.14					
100	PB2 BPSK	135	0	18.16			19.0	0.0	0.0
100	PB2 BPSK	135	69	18.04			19.0	0.0	0.0
100	PB2 BPSK	135	138	18.21				19.0	0.0
100	PB2 BPSK	270	0	18.23					
100	QPSK	1	1	18.25	18.22				
100	QPSK	1	137	18.13					
100	QPSK	1	271	18.20					
100	QPSK	135	0	18.17					
100	QPSK	135	69	18.26			19.0	0.0	0.0
100	QPSK	135	138	18.23					
100	QPSK	270	0	18.16			19.0	0.0	0.0
100	16QAM	1	1	18.16			19.0	0.0	0.0
100	64QAM	1	1	18.01					
100	PSK64Q	1	1	18.14					
Channel				603000	613000	623000	Turn-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	18.22	18.14	18.17	19.0	0.0	0.0
Channel				606668	613000	620000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
80	QPSK	1	1	18.19	18.15	18.21	19.0	0.0	0.0
Channel				606668	613000	620000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
70	QPSK	1	1	18.17	18.13	18.23	19.0	0.0	0.0
Channel				603000	613000	623000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
60	QPSK	1	1	18.16	18.14	18.17	19.0	0.0	0.0
Channel				606668	613000	620000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
50	QPSK	1	1	18.25	18.17	18.23	19.0	0.0	0.0
Channel				603000	613000	623000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
40	QPSK	1	1	18.17	18.19	18.23	19.0	0.0	0.0
Channel				603000	613000	623000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
30	QPSK	1	1	18.26	18.19	18.28	19.0	0.0	0.0
Channel				606668	613000	620000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
20	QPSK	1	1	18.26	18.28	18.17	19.0	0.0	0.0
Channel				603000	613000	623000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
15	QPSK	1	1	18.19	18.22	18.16	19.0	0.0	0.0
Channel				603000	613000	623000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				349.98					
10	QPSK	1	1	18.25	18.17	18.19	19.0	0.0	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.	
Channel				633332			
Frequency (MHz)				3499.98			
100	P1/2 BPSK	1	1	18.14			
100	P1/2 BPSK	1	137	18.20		19.0	0.0
100	P1/2 BPSK	1	271	18.16			
100	P1/2 BPSK	135	0	18.15		19.0	0.0
100	P1/2 BPSK	135	69	18.17		19.0	0.0
100	P1/2 BPSK	135	138	18.18			
100	P1/2 BPSK	270	0	18.14		19.0	0.0
100	QPSK	1	1	18.21			
100	QPSK	1	137	18.19		19.0	0.0
100	QPSK	1	271	18.13			
100	QPSK	135	0	18.15			
100	QPSK	135	69	18.16		19.0	0.0
100	QPSK	135	138	18.18			
100	QPSK	270	0	18.12		19.0	0.0
100	16QAM	1	1	18.16		19.0	0.0
100	16QAM	1	1	18.11		19.0	0.0
100	256QAM	1	1	18.13		19.0	0.0
Channel				633332			
Frequency (MHz)				3499.98			
90	QPSK	1	1	18.10	18.17	18.08	19.0
Channel				633332			
Frequency (MHz)				3499.98			
80	QPSK	1	1	18.11	18.14	18.07	19.0
Channel				633332			
Frequency (MHz)				3499.98			
70	QPSK	1	1	18.08	18.18	18.07	19.0
Channel				633332			
Frequency (MHz)				3499.98			
60	QPSK	1	1	18.12	18.18	18.18	19.0
Channel				633332			
Frequency (MHz)				3499.98			
50	QPSK	1	1	18.14	18.15	18.06	19.0
Channel				633332			
Frequency (MHz)				3499.98			
40	QPSK	1	1	18.15	18.18	18.06	19.0
Channel				633332			
Frequency (MHz)				3499.98			
30	QPSK	1	1	18.16	18.11	18.13	19.0
Channel				633332			
Frequency (MHz)				3499.98			
20	QPSK	1	1	18.15	18.16	18.13	19.0
Channel				633332			
Frequency (MHz)				3499.98			
15	QPSK	1	1	18.09	18.16	18.14	19.0
Channel				633332			
Frequency (MHz)				3499.98			
10	QPSK	1	1	18.13	18.19	18.06	19.0

Part27Q_n78(HPUE)_Ant 4							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				633332			
Frequency (MHz)				3499.98			
100	P1/2 BPSK	1	1	18.14			
100	P1/2 BPSK	1	137	18.20		19.0	0.0
100	P1/2 BPSK	1	271	18.16			
100	P1/2 BPSK	135	0	18.15		19.0	0.0
100	P1/2 BPSK	135	69	18.17		19.0	0.0
100	P1/2 BPSK	135	138	18.18			
100	P1/2 BPSK	270	0	18.14		19.0	0.0
100	QPSK	1	1	18.21			
100	QPSK	1	137	18.19		19.0	0.0
100	QPSK	1	271	18.13			
100	QPSK	135	0	18.15			
100	QPSK	135	69	18.16		19.0	0.0
100	QPSK	135	138	18.18			
100	QPSK	270	0	18.12		19.0	0.0
100	16QAM	1	1	18.16		19.0	0.0
100	16QAM	1	1	18.11		19.0	0.0
100	256QAM	1	1	18.13		19.0	0.0
Channel				633332			
Frequency (MHz)				3499.98			
90	QPSK	1	1	18.10	18.17	18.08	19.0
Channel				633332			
Frequency (MHz)				3499.98			
80	QPSK	1	1	18.11	18.14	18.07	19.0
Channel				633332			
Frequency (MHz)				3499.98			
70	QPSK	1	1	18.08	18.18	18.07	19.0
Channel				633332			
Frequency (MHz)				3499.98			
60	QPSK	1	1	18.12	18.18	18.18	19.0
Channel				633332			
Frequency (MHz)				3499.98			
50	QPSK	1	1	18.14	18.15	18.06	19.0
Channel				633332			
Frequency (MHz)				3499.98			
40	QPSK	1	1	18.15	18.18	18.06	19.0
Channel				633332			
Frequency (MHz)				3499.98			
30	QPSK	1	1	18.16	18.11	18.13	19.0
Channel				633332			
Frequency (MHz)				3499.98			
20	QPSK	1	1	18.15	18.16	18.13	19.0
Channel				633332			
Frequency (MHz)				3499.98			
15	QPSK	1	1	18.09	18.16	18.14	19.0
Channel				633332			
Frequency (MHz)				3499.98			
10	QPSK	1	1	18.13	18.19	18.06	19.0

Part27O_n78_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mute Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	18.33					
100	PI2 BPSK	1	137	18.22			19.0	0.0	
100	PI2 BPSK	1	271	18.13			19.0	0.0	
100	PI2 BPSK	135	5	18.33			19.0	0.0	
100	PI2 BPSK	135	89	18.23			19.0	0.0	
100	PI2 BPSK	135	138	18.11			19.0	0.0	
100	PI2 BPSK	270	0	18.25			19.0	0.0	
100	QPSK	1	1	18.38					
100	QPSK	1	137	18.16			19.0	0.0	
100	QPSK	1	271	18.18					
100	QPSK	135	5	18.23					
100	QPSK	135	89	18.25			19.0	0.0	
100	QPSK	135	138	18.25					
100	QPSK	270	0	18.17			19.0	0.0	
100	16QAM	1	1	18.31			19.0	0.0	
100	16QAM	1	1	18.16			19.0	0.0	
100	25QAM	1	1	18.12			19.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.25	18.24	18.25	19.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.26	18.30	18.23	19.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.35	18.35	18.29	19.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.33	18.35	18.35	19.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.23	18.21	18.29	19.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.20	18.26	18.24	19.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.20	18.26	18.20	19.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.20	18.22	18.20	19.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.23	18.24	18.21	19.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.24	18.32	18.24	19.0	0.0	

Part27O_n78(HPUE)_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mute Ch. / Freq.	Power High Ch. / Freq.	Tune-up test (dBm)		
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	18.33					
100	PI2 BPSK	1	137	18.22			19.0	0.0	
100	PI2 BPSK	1	271	18.13			19.0	0.0	
100	PI2 BPSK	135	5	18.33			19.0	0.0	
100	PI2 BPSK	135	89	18.23			19.0	0.0	
100	PI2 BPSK	135	138	18.11			19.0	0.0	
100	PI2 BPSK	270	0	18.25			19.0	0.0	
100	QPSK	1	1	18.38					
100	QPSK	1	137	18.16			19.0	0.0	
100	QPSK	1	271	18.18					
100	QPSK	135	5	18.23					
100	QPSK	135	89	18.25			19.0	0.0	
100	QPSK	135	138	18.25					
100	QPSK	270	0	18.17			19.0	0.0	
100	16QAM	1	1	18.31			19.0	0.0	
100	16QAM	1	1	18.16			19.0	0.0	
100	25QAM	1	1	18.12			19.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.25	18.24	18.25	19.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.26	18.30	18.23	19.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.35	18.35	18.29	19.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.33	18.35	18.35	19.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.23	18.21	18.29	19.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.20	18.26	18.24	19.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.20	18.26	18.20	19.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.20	18.22	18.20	19.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.23	18.24	18.21	19.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.24	18.32	18.24	19.0	0.0	

Inter CA Power Mode for DSI

Band 2_Ant 1											Band 2_Ant 2											Band 4_Ant 1											Band 4_Ant 2										
BM [MHz]	Modulation	RB Size	RB Offset	Power [W]	Power Ch./Freq.	Power Freq./Ch./Freq.	Power Max./Ch./Freq.	Time-slot (ms)	MPR (dB)		BM [MHz]	Modulation	RB Size	RB Offset	Power [W]	Power Ch./Freq.	Power Freq./Ch./Freq.	Power Max./Ch./Freq.	Time-slot (ms)	MPR (dB)		BM [MHz]	Modulation	RB Size	RB Offset	Power [W]	Power Ch./Freq.	Power Freq./Ch./Freq.	Power Max./Ch./Freq.	Time-slot (ms)	MPR (dB)		BM [MHz]	Modulation	RB Size	RB Offset	Power [W]	Power Ch./Freq.	Power Freq./Ch./Freq.	Power Max./Ch./Freq.	Time-slot (ms)	MPR (dB)	
Channel											Channel											Channel											Channel										
18700 18650 19100											18700 18650 19100											12200 12150 20300											12200 12150 20300										
20	QPSK	1	0	18.70	18.70	18.70					20	QPSK	1	0	18.70	18.70	18.70					20	QPSK	1	0	18.70	18.70	18.70					20	QPSK	1	0	18.70	18.70	18.70				
20	QPSK	1	49	18.68	18.68	18.68		10	0		20	QPSK	1	49	18.67	18.63	15.91		17	0		20	QPSK	1	49	18.76	18.69	18.72		20	0		20	QPSK	1	49	18.31	18.49	18.48		18	0	
20	QPSK	1	99	18.49	18.39	15.94					20	QPSK	1	99	18.08	15.96	15.96					20	QPSK	1	99	18.63	16.68	16.68					20	QPSK	1	99	18.33	18.37	18.42				
20	QPSK	1	149	18.11	18.14	18.12					20	QPSK	1	149	18.10	18.10	18.10					20	QPSK	1	149	18.71	18.68	18.68					20	QPSK	1	149	18.36	18.36	18.36				
20	QPSK	60	24	18.70	18.66	18.68			10	0	20	QPSK	60	24	18.67	18.61	15.96		17	0		20	QPSK	60	24	18.77	18.72	18.82		20	0		20	QPSK	60	24	18.26	18.46	18.30				
20	QPSK	60	50	18.63	18.59	18.60					20	QPSK	60	50	18.61	18.57	16.00					20	QPSK	60	50	18.76	18.76	18.76					20	QPSK	60	50	18.23	18.43	18.36				
20	QPSK	60	99	18.63	18.71	18.67					20	QPSK	60	99	18.66	18.65	16.01					20	QPSK	60	99	18.60	18.71	18.79					20	QPSK	60	99	18.22	18.39	18.32				
20	HQAM	1	0	18.63	18.63	18.70					20	HQAM	1	0	18.69	18.62	15.96					20	HQAM	1	0	18.62	18.61	18.77					20	HQAM	1	0	18.32	18.41	18.43				
20	HQAM	1	49	18.67	18.68	18.67		10	0		20	HQAM	1	49	18.67	18.67	16.04		17	0		20	HQAM	1	49	18.62	18.60	18.71					20	HQAM	1	49	18.24	18.46	18.38				
20	HQAM	60	24	18.63	18.53	18.58					20	HQAM	60	24	18.63	18.57	15.98					20	HQAM	60	24	18.64	18.74	18.74					20	HQAM	60	24	18.29	18.47	18.34				
20	HQAM	60	50	18.63	18.74	18.68					20	HQAM	60	50	18.63	18.68	15.96					20	HQAM	60	50	18.64	18.73	18.82					20	HQAM	60	50	18.24	18.45	18.30				
20	HQAM	60	99	18.70	18.73	18.71					20	HQAM	60	99	18.67	18.68	15.98					20	HQAM	60	99	18.64	18.79	1					20	HQAM	60	99	18.24	18.36	18.30				
20	HQAM	100	0	18.72	18.60	18.71					20	HQAM	100	0	18.97	18.97	15.98					20	HQAM	100	0	18.62	18.73	18.77					20	HQAM	100	0	18.28	18.49	18.33				
20	HQAM	1	0	18.73	18.71	18.70		10	0		20	HQAM	1	0	18.10	18.07	15.98					20	HQAM	1	0	18.82	18.72	18.77					20	HQAM	1	0	18.26	18.39	18.38				
20	HQAM	1	49	18.60	18.58	18.60					20	HQAM	1	49	18.02	18.06	15.98					20	HQAM	1	49	18.66	18.74	18.77					20	HQAM	1	49	18.22	18.44	18.34				
20	HQAM	1	99	18.16	18.25	18.67					20	HQAM	1	99	16.02	16.10	15.95					20	HQAM	1	99	18.40	18.68	18.79					20	HQAM	1	99	18.36	18.51	18.39				
20	HQAM	60	24	18.72	18.62	18.71					20	HQAM	60	24	18.06	18.06	15.98					20	HQAM	60	24	18.66	18.76	18.77					20	HQAM	60	24	18.22	18.44	18.34				
20	HQAM	60	50	18.69	18.75	18.64					20	HQAM	60	50	16.07	16.08	15.98					20	HQAM	60	50	18.69	18.83	18.76					20	HQAM	60	50	18.33	18.47	18.40				
20	HQAM	60	99	18.70	18.73	18.71					20	HQAM	60	99	16.06	16.08	15.98					20	HQAM	60	99	18.70	18.76	18.77					20	HQAM	60	99	18.28	18.47	18.38				
20	HQAM	100	0	18.78	18.60	18.71					20	HQAM	100	0	18.06	18.04	15.98					20	HQAM	100	0	17.66	17.64	17.54					20	HQAM	100	0	18.31	18.46	18.33				
20	HQAM	1	49	17.42	17.34	17.34		18	1		20	HQAM	1	49	16.01	16.11	16.05					20	HQAM	1	49	17.48	17.50	17.43		19	1		20	HQAM	1	49	16.34	16.51	16.43		18	0	
20	HQAM	1	99	17.36	17.27	17.39					20	HQAM	1	99	15.99	16.09	15.99					20	HQAM	1	99	17.48	17.49	17.42					20	HQAM	1	99	16.26	16.43	16.35				
20	HQAM	1	149	17.17	17.17	17.20					20	HQAM	1	149	16.06	16.11	16.05					20	HQAM	1	149	17.55	17.48	17.37					20	HQAM	1	149	16.36	16.41	16.33				
20	HQAM	60	24	17.41	17.48	17.33			18	1	20	HQAM	60	24	16.00	16.03	16.06		17	0		20	HQAM	60	24	17.51	17.50	17.34		19	1		20	HQAM	60	24	16.33	16.39	16.42		18	0	
20	HQAM	60	50	17.36	17.34	17.40					20	HQAM	60	50	15.99	16.04	15.99					20	HQAM	60	50	17.49	17.49	17.42					20	HQAM	60	50	16.25	16.37	16.27				
20	HQAM	60	99	17.46	17.42	17.36					20	HQAM	60	99	16.06	15.99	15.97					20	HQAM	60	99	17.51	17.57	17.51		19	1		20	HQAM	60	99	16.34	16.44	16.32				
Channel											Channel											Channel											Channel										
18875 18850 19125											18875 18850 19125											12275 12250 20325											12275 12250 20325										
15	QPSK	1	0	18.58	18.62	18.62					15	QPSK	1	0	18.63	18.10	16.03		17	0		15	QPSK	1	0	18.73	18.65	18.67					15	QPSK	1	0	18.73	18.65	18.67				
15	QPSK	1	37	18.46	18.49	18.47					15	QPSK	1	37	15.92	15.93	15.92		17	0		15	QPSK	1	37	18.64	18.65	18.68		20	0		15	QPSK	1	37	18.17	18.42	18.26		18	0	
15	QPSK	1	74	18.35	18.27	18.52					15	QPSK	1	74	16.00	15.95	15.96					15	QPSK	1	74	18.55	18.53	18.62					15	QPSK	1	74	18.18	18.28	18.29				
15	QPSK	60	24	18.63	18.60	18.63					15	QPSK	60	24	15.91	15.91	15.95					15	QPSK	60	24	18.75	18.75	18.75					15	QPSK	60	24	18.35	18.35	18.35				
15	QPSK	60	50	18.63	18.51	18.64					15	QPSK	60	50	15.92	15.98	15.84					15	QPSK	60	50	18.67	18.66	18.70					15	QPSK	60	50	18.16	18.40	18.16				
15	QPSK	60	99	18.63	18.67	18.61					15	QPSK	60	99	15.91	15.94	15.84					15	QPSK	60	99	18.69	18.73	18.66					15	QPSK	60	99	18.14	18.36	18.28				
15	HQAM	1	0	18.50	18.61	18.62					15	HQAM	1	0	15.93	15.94	15.92					15	HQAM	1	0	18.72	18.72	18.72					15	HQAM	1	0	18.16	18.37	18.29				
15	HQAM	1	37	18.63	18.60	18.62		10	0		15	HQAM	1	37	15.93	15.94	15.89		17	0		15	HQAM	1	37	18.66	18.70	18.68		20	0		15	HQAM	1	37	18.10	18.35	18.28				
15	HQAM	60	24	18.53	18.51	18.48					15	HQAM	60	24	15.93	15.93	15.90					15	HQAM	60	24	18.70	18.70	18.70					15	HQAM	60	24	18.11	18.30	18.24				
15	HQAM	60	50	18.54	18.62	18.65					15	HQAM	60	50	15.93	15.98	15.94					15	HQAM	60	50	18.71	18.72	18.71					15	HQAM	60	50	18.16	18.31	18.28				
15	HQAM	60	99	18.58	18.48	18.48					15	HQAM	60	99	15.86	15.92	15.95					15	HQAM	60	99	18.62	18.75	18.71					15	HQAM	60	99	18.22	18.46	18.38				
15	HQAM	100	0	18.58	18.64	18.67					15	HQAM	100	0	15.94	15.91	15.98					15	HQAM	100	0	18.64	18.74	18.71					15	HQAM	100	0	18.22	18.45	18.37				
15	HQAM	1	49	18.71	18.48	18.52					15	HQAM	1	49	15.84	15.90	15.91					15	HQAM	1	49	18.72	18.62	18.76					15	HQAM	1	49	18.21	18.41	18.23				
15	HQAM																																										

