

Band 30 Ant 9 Full power								
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				27710			25	0
Frequency (MHz)				2310				
10	QPSK	1	0		24.11		24	1
10	QPSK	1	25		23.98			
10	QPSK	1	49		23.91			
10	QPSK	25	0		23.13			
10	QPSK	25	12		23.01		24	1
10	QPSK	25	25		22.95			
10	QPSK	50	0		23.01			
10	16QAM	1	0		23.15			
10	16QAM	1	25		23.12		24	1
10	16QAM	1	49		23.01			
10	16QAM	25	0		22.12			
10	16QAM	25	12		22.00			
10	16QAM	25	25		22.08		23	2
10	16QAM	50	0		21.96			
10	64QAM	1	0		22.07			
10	64QAM	1	25		22.20			
10	64QAM	1	49		22.09		23	2
10	64QAM	25	0		21.22			
10	64QAM	25	12		21.23			
10	64QAM	25	25		21.06			
10	64QAM	50	0		21.21		22	3
Channel				27685	27710	27735		
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	24.04	24.06	24.00	25	0
5	QPSK	1	12	23.90	23.83	23.94		
5	QPSK	1	24	23.88	23.79	23.77		
5	QPSK	12	0	23.06	23.00	22.99		
5	QPSK	12	7	22.89	22.90	22.91	24	1
5	QPSK	12	13	22.90	22.81	22.87		
5	QPSK	25	0	22.93	22.97	22.88		
5	16QAM	1	0	23.04	23.07	23.10		
5	16QAM	1	12	23.01	23.07	23.03	24	1
5	16QAM	1	24	22.91	22.91	22.90		
5	16QAM	12	0	22.00	22.07	22.01		
5	16QAM	12	7	21.88	21.93	21.89		
5	16QAM	12	13	22.01	21.98	21.96	23	2
5	16QAM	25	0	21.82	21.85	21.82		
5	64QAM	1	0	21.92	22.12	22.06		
5	64QAM	1	12	22.04	22.16	22.07		
5	64QAM	1	24	22.05	22.10	22.06	23	2
5	64QAM	12	0	20.98	21.08	20.96		
5	64QAM	12	7	21.07	21.10	20.97		
5	64QAM	12	13	21.03	21.16	20.96		
5	64QAM	25	0	21.16	21.02	20.96	22	3

Band 48 Ant 9 Full power												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				55340	55830	56150	56640					
Frequency (MHz)				3560	3609	3641	3690					
20	QPSK	1	0	24.69	24.75	24.68	24.72	25	0			
20	QPSK	1	49	24.62	24.70	24.48	24.57					
20	QPSK	1	99	24.64	24.63	24.60	24.73					
20	QPSK	50	0	23.74	23.93	23.61	23.69					
20	QPSK	50	24	23.66	23.76	23.50	23.77	24	1			
20	QPSK	50	50	23.68	23.77	23.70	23.57					
20	QPSK	100	0	23.72	23.73	23.61	23.64					
20	16QAM	1	0	23.85	23.91	23.73	23.87					
20	16QAM	1	49	23.68	23.82	23.64	23.84	24	1			
20	16QAM	1	99	23.67	23.79	23.65	23.76					
20	16QAM	50	0	22.81	22.80	22.61	22.81					
20	16QAM	50	24	22.59	22.76	22.60	22.68					
20	16QAM	50	50	22.79	22.90	22.62	22.73	23	2			
20	16QAM	100	0	22.71	22.83	22.43	22.68					
20	64QAM	1	0	22.75	22.80	22.67	22.75					
20	64QAM	1	49	22.74	22.89	22.66	22.73					
20	64QAM	1	99	22.77	22.69	22.53	22.64	22	3			
20	64QAM	50	0	21.79	21.79	21.77	21.61					
20	64QAM	50	24	21.68	21.89	21.57	21.68					
20	64QAM	50	50	21.70	21.87	21.60	21.71					
20	64QAM	100	0	21.60	21.68	21.63	21.61					
Channel				55715	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3557.5	3608	3642	3692.5					
15	QPSK	1	0	24.61	24.61	24.80	24.61	25	0			
15	QPSK	1	37	24.51	24.60	24.38	24.49					
15	QPSK	1	74	24.57	24.50	24.56	24.64					
15	QPSK	36	0	23.67	23.80	23.56	23.65					
15	QPSK	36	20	23.54	23.70	23.40	23.65	24	1			
15	QPSK	36	39	23.56	23.65	23.57	23.47					
15	QPSK	75	0	23.67	23.65	23.56	23.53					
15	16QAM	1	0	23.73	23.78	23.70	23.73					
15	16QAM	1	37	23.56	23.78	23.51	23.76	24	1			
15	16QAM	1	74	23.65	23.65	23.51	23.62					
15	16QAM	36	0	22.77	22.70	22.53	22.78					
15	16QAM	36	20	22.57	22.74	22.52	22.62					
15	16QAM	36	39	22.76	22.82	22.54	22.60	23	2			
15	16QAM	75	0	22.60	22.75	22.39	22.59					
15	64QAM	1	0	22.65	22.74	22.60	22.73					
15	64QAM	1	37	22.72	22.76	22.57	22.68					
15	64QAM	1	74	22.75	22.55	22.47	22.54	22	3			
15	64QAM	36	0	21.70	21.76	21.72	21.58					
15	64QAM	36	20	21.65	21.85	21.45	21.60					
15	64QAM	36	39	21.65	21.80	21.56	21.63					
15	64QAM	75	0	21.51	21.63	21.59	21.51					
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3555	3607.5	3642.5	3695					
10	QPSK	1	0	24.58	24.62	24.64	24.62	25	0			
10	QPSK	1	25	24.49	24.66	24.34	24.52					
10	QPSK	1	49	24.52	24.50	24.53	24.66					
10	QPSK	25	0	23.71	23.86	23.56	23.58					
10	QPSK	25	12	23.63	23.74	23.41	23.72	24	1			
10	QPSK	25	25	23.55	23.70	23.62	23.50					
10	QPSK	50	0	23.64	23.69	23.48	23.55					
10	16QAM	1	0	23.76	23.84	23.69	23.80					
10	16QAM	1	25	23.64	23.77	23.54	23.78	24	1			
10	16QAM	1	49	23.60	23.77	23.61	23.64					
10	16QAM	25	0	22.70	22.73	22.59	22.77					
10	16QAM	25	12	22.50	22.64	22.48	22.56					
10	16QAM	25	25	22.67	22.87	22.54	22.68	23	2			
10	16QAM	50	0	22.60	22.69	22.30	22.55					
10	64QAM	1	0	22.68	22.74	22.55	22.68					
10	64QAM	1	25	22.70	22.78	22.64	22.59					
10	64QAM	1	49	22.74	22.58	22.45	22.52	22	3			
10	64QAM	25	0	21.69	21.77	21.70	21.57					
10	64QAM	25	12	21.65	21.81	21.47	21.62					
10	64QAM	25	25	21.56	21.80	21.50	21.58					
10	64QAM	50	0	21.54	21.55	21.58	21.52					
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3552.5	3607	3643	3697.5					
5	QPSK	1	0	24.60	24.62	24.57	24.69	25	0			
5	QPSK	1	12	24.59	24.64	24.44	24.52					
5	QPSK	1	24	24.52	24.51	24.47	24.68					
5	QPSK	12	0	23.63	23.90	23.48	23.65					
5	QPSK	12	7	23.52	23.64	23.46	23.72	24	1			
5	QPSK	12	13	23.65	23.65	23.60	23.55					
5	QPSK	25	0	23.69	23.60	23.48	23.61					
5	16QAM	1	0	23.80	23.82	23.60	23.74					
5	16QAM	1	12	23.63	23.75	23.50	23.74	24	1			
5	16QAM	1	24	23.60	23.69	23.58	23.65					
5	16QAM	12	0	22.73	22.69	22.59	22.75					
5	16QAM	12	7	22.54	22.72	22.49	22.59					
5	16QAM	12	13	22.71	22.76	22.58	22.65	23	2			
5	16QAM	25	0	22.67	22.69	22.34	22.56					
5	64QAM	1	0	22.71	22.78	22.58	22.64					
5	64QAM	1	12	22.62	22.86	22.53	22.62					
5	64QAM	1	24	22.64	22.58	22.47	22.55	22	3			
5	64QAM	12	0	21.71	21.68	21.74	21.54					
5	64QAM	12	7	21.62	21.80	21.45	21.54					
5	64QAM	12	13	21.65	21.83	21.56	21.67					
5	64QAM	25	0	21.54	21.62	21.58	21.58					

Band 30 Ant 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710			17.5	0
Frequency (MHz)				2310				
10	QPSK	1	0		16.73		17.5	0
10	QPSK	1	25		16.57			
10	QPSK	1	49		16.57			
10	QPSK	25	0		16.69			
10	QPSK	25	12		16.64		17.5	0
10	QPSK	25	25		16.59			
10	QPSK	50	0		16.67			
10	16QAM	1	0		16.57			
10	16QAM	1	25		16.58		17.5	0
10	16QAM	1	49		16.58			
10	16QAM	25	0		16.58			
10	16QAM	25	12		16.56			
10	16QAM	25	25		16.67		17.5	0
10	16QAM	50	0		16.64			
10	64QAM	1	0		16.60			
10	64QAM	1	25		16.57			
10	64QAM	1	49		16.61		17.5	0
10	64QAM	25	0		16.57			
10	64QAM	25	12		16.60			
10	64QAM	25	25		16.60			
10	64QAM	50	0		16.60		17.5	0
Channel				27685	27710	27735		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	16.55	16.51	16.51	17.5	0
5	QPSK	1	12	16.43	16.50	16.43		
5	QPSK	1	24	16.43	16.48	16.46		
5	QPSK	12	0	16.43	16.49	16.44		
5	QPSK	12	7	16.50	16.51	16.48	17.5	0
5	QPSK	12	13	16.52	16.52	16.51		
5	QPSK	25	0	16.60	16.53	16.62		
5	16QAM	1	0	16.48	16.44	16.41		
5	16QAM	1	12	16.50	16.42	16.49	17.5	0
5	16QAM	1	24	16.54	16.46	16.47		
5	16QAM	12	0	16.45	16.50	16.42		
5	16QAM	12	7	16.41	16.45	16.51		
5	16QAM	12	13	16.60	16.58	16.55	17.5	0
5	16QAM	25	0	16.56	16.54	16.50		
5	64QAM	1	0	16.47	16.53	16.54		
5	64QAM	1	12	16.50	16.45	16.45		
5	64QAM	1	24	16.48	16.56	16.46	17.5	0
5	64QAM	12	0	16.48	16.49	16.45		
5	64QAM	12	7	16.51	16.53	16.56		
5	64QAM	12	13	16.53	16.53	16.50		
5	64QAM	25	0	16.47	16.49	16.46	17.5	0
Channel				27685	27710	27735		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)

Band 48 Ant 9										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				55340	55830	56150	56640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	21.72	21.76	21.63	21.73	22		0
20	QPSK	1	49	21.59	21.67	21.50	21.52			
20	QPSK	1	99	21.57	21.67	21.43	21.63			
20	QPSK	50	0	21.61	21.76	21.63	21.66			
20	QPSK	50	24	21.58	21.73	21.54	21.58	22		0
20	QPSK	50	50	21.58	21.65	21.45	21.61			
20	QPSK	100	0	21.67	21.75	21.54	21.64			
20	16QAM	1	0	21.64	21.66	21.44	21.60			
20	16QAM	1	49	21.55	21.73	21.43	21.55	22		0
20	16QAM	1	99	21.60	21.73	21.52	21.52			
20	16QAM	50	0	21.60	21.73	21.54	21.54			
20	16QAM	50	24	21.55	21.70	21.47	21.59			
20	16QAM	50	50	21.64	21.71	21.54	21.63	22		0
20	16QAM	100	0	21.56	21.73	21.48	21.55			
20	64QAM	1	0	21.65	21.69	21.46	21.63			
20	64QAM	1	49	21.60	21.66	21.49	21.54			
20	64QAM	1	99	21.64	21.68	21.51	21.64	22		0
20	64QAM	50	0	21.62	21.65	21.45	21.61			
20	64QAM	50	24	21.66	21.64	21.47	21.53			
20	64QAM	50	50	21.58	21.67	21.48	21.57			
20	64QAM	100	0	21.66	21.73	21.54	21.59	Tune-up limit (dBm)	MPR (dB)	
Channel				55315	55820	56160	56665			
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	21.60	21.72	21.52	21.62	22		0
15	QPSK	1	37	21.57	21.63	21.41	21.48			
15	QPSK	1	74	21.53	21.64	21.38	21.54			
15	QPSK	36	0	21.59	21.74	21.54	21.56			
15	QPSK	36	20	21.51	21.64	21.46	21.58	22		0
15	QPSK	36	39	21.58	21.59	21.40	21.51			
15	QPSK	75	0	21.56	21.64	21.52	21.57			
15	16QAM	1	0	21.52	21.57	21.42	21.56			
15	16QAM	1	37	21.47	21.71	21.42	21.47	22		0
15	16QAM	1	74	21.55	21.71	21.51	21.46			
15	16QAM	36	0	21.51	21.67	21.50	21.50			
15	16QAM	36	20	21.44	21.59	21.35	21.56			
15	16QAM	36	39	21.62	21.68	21.45	21.53	22		0
15	16QAM	75	0	21.48	21.67	21.46	21.52			
15	64QAM	1	0	21.56	21.60	21.38	21.58			
15	64QAM	1	37	21.49	21.66	21.49	21.52			
15	64QAM	1	74	21.53	21.62	21.43	21.54	22		0
15	64QAM	36	0	21.55	21.54	21.41	21.50			
15	64QAM	36	20	21.62	21.63	21.43	21.49			
15	64QAM	36	39	21.52	21.61	21.43	21.54			
15	64QAM	75	0	21.55	21.70	21.51	21.55	Tune-up limit (dBm)	MPR (dB)	
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	21.65	21.68	21.52	21.62	22		0
10	QPSK	1	25	21.47	21.66	21.49	21.49			
10	QPSK	1	49	21.53	21.61	21.36	21.53			
10	QPSK	25	0	21.59	21.66	21.57	21.60			
10	QPSK	25	12	21.51	21.67	21.46	21.52	22		0
10	QPSK	25	25	21.55	21.62	21.34	21.58			
10	QPSK	50	0	21.66	21.67	21.49	21.58			
10	16QAM	1	0	21.59	21.63	21.34	21.54			
10	16QAM	1	25	21.50	21.67	21.32	21.48	22		0
10	16QAM	1	49	21.56	21.65	21.45	21.43			
10	16QAM	25	0	21.54	21.70	21.42	21.43			
10	16QAM	25	12	21.51	21.63	21.44	21.57			
10	16QAM	25	25	21.64	21.67	21.42	21.59	22		0
10	16QAM	50	0	21.53	21.61	21.44	21.51			
10	64QAM	1	0	21.57	21.65	21.36	21.62			
10	64QAM	1	25	21.57	21.62	21.38	21.47			
10	64QAM	1	49	21.54	21.62	21.40	21.56	22		0
10	64QAM	25	0	21.59	21.57	21.43	21.55			
10	64QAM	25	12	21.60	21.52	21.41	21.51			
10	64QAM	25	25	21.48	21.64	21.43	21.46			
10	64QAM	50	0	21.56	21.71	21.49	21.51	Tune-up limit (dBm)	MPR (dB)	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	21.67	21.76	21.53	21.69	22		0
5	QPSK	1	12	21.50	21.59	21.46	21.42			
5	QPSK	1	24	21.55	21.57	21.32	21.57			
5	QPSK	12	0	21.61	21.76	21.57	21.66			
5	QPSK	12	7	21.50	21.64	21.51	21.49	22		0
5	QPSK	12	13	21.47	21.59	21.44	21.54			
5	QPSK	25	0	21.60	21.73	21.46	21.64			
5	16QAM	1	0	21.53	21.63	21.39	21.54			
5	16QAM	1	12	21.54	21.64	21.43	21.48	22		0
5	16QAM	1	24	21.51	21.72	21.46	21.52			
5	16QAM	12	0	21.52	21.67	21.49	21.53			
5	16QAM	12	7	21.55	21.59	21.40	21.58			
5	16QAM	12	13	21.54	21.66	21.51	21.61	22		0
5	16QAM	25	0	21.56	21.63	21.46	21.53			
5	64QAM	1	0	21.63	21.67	21.36	21.54			
5	64QAM	1	12	21.59	21.55	21.45	21.45			
5	64QAM	1	24	21.53	21.66	21.49	21.61	22		0
5	64QAM	12	0	21.56	21.58	21.38	21.55			
5	64QAM	12	7	21.62	21.61	21.46	21.50			
5	64QAM	12	13	21.53	21.63	21.46	21.48			
5	64QAM	25	0	21.63	21.66	21.45	21.52			

Band 30 Ant 9 NSA								
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				27710				
Frequency (MHz)				2310				
10	QPSK	1	0		16.73		17.5	0
10	QPSK	1	25		16.57			
10	QPSK	1	49		16.57			
10	QPSK	25	0		16.69			
10	QPSK	25	12		16.64		17.5	0
10	QPSK	25	25		16.59			
10	QPSK	50	0		16.67			
10	16QAM	1	0		16.57			
10	16QAM	1	25		16.58		17.5	0
10	16QAM	1	49		16.58			
10	16QAM	25	0		16.58			
10	16QAM	25	12		16.56			
10	16QAM	25	25		16.67		17.5	0
10	16QAM	50	0		16.64			
10	64QAM	1	0		16.60			
10	64QAM	1	25		16.57			
10	64QAM	1	49		16.61		17.5	0
10	64QAM	25	0		16.57			
10	64QAM	25	12		16.60			
10	64QAM	25	25		16.60			
10	64QAM	50	0		16.60		17.5	0
Channel				27685	27710	27735		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	16.55	16.51	16.51	17.5	0
5	QPSK	1	12	16.43	16.50	16.43		
5	QPSK	1	24	16.43	16.48	16.46		
5	QPSK	12	0	16.43	16.49	16.44		
5	QPSK	12	7	16.50	16.51	16.48	17.5	0
5	QPSK	12	13	16.52	16.52	16.51		
5	QPSK	25	0	16.60	16.53	16.62		
5	16QAM	1	0	16.48	16.44	16.41		
5	16QAM	1	12	16.50	16.42	16.49	17.5	0
5	16QAM	1	24	16.54	16.46	16.47		
5	16QAM	12	0	16.45	16.50	16.42		
5	16QAM	12	7	16.41	16.45	16.51		
5	16QAM	12	13	16.60	16.58	16.55	17.5	0
5	16QAM	25	0	16.56	16.54	16.50		
5	64QAM	1	0	16.47	16.53	16.54		
5	64QAM	1	12	16.50	16.45	16.45		
5	64QAM	1	24	16.48	16.56	16.46	17.5	0
5	64QAM	12	0	16.48	16.49	16.45		
5	64QAM	12	7	16.51	16.53	16.56		
5	64QAM	12	13	16.53	16.53	16.50		
5	64QAM	25	0	16.47	16.49	16.46	17.5	0
Channel				27685	27710	27735		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)

Full&Default Power Mode

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	25.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	24.07	24.17	24.13	25.0	0.0	
20	PI/2 BPSK	1	53	24.11	24.10	24.09			
20	PI/2 BPSK	1	104	24.11	24.12	24.09			
20	PI/2 BPSK	50	0	23.63	23.77	23.71	24.5	0.5	
20	PI/2 BPSK	50	28	24.05	24.08	24.15	25.0	0.0	
20	PI/2 BPSK	50	56	23.72	23.72	23.73	24.5	0.5	
20	PI/2 BPSK	100	0	23.74	23.67	23.69			
20	QPSK	1	1	24.18	24.23	24.20	25.0	0.0	
20	QPSK	1	53	24.06	24.12	24.06			
20	QPSK	1	104	24.05	24.16	24.04			
20	QPSK	50	0	23.23	23.25	23.26	24.0	1.0	
20	QPSK	50	28	24.12	24.21	24.14	25.0	0.0	
20	QPSK	50	56	23.18	23.21	23.18	24.0	1.0	
20	QPSK	100	0	23.24	23.29	23.22			
20	16QAM	1	1	23.22	23.27	23.18	24.0	1.0	
20	64QAM	1	1	21.64	21.69	21.67	22.5	2.5	
20	256QAM	1	1	19.64	19.74	19.73	20.5	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	25.0	0.0	
15	QPSK	1	1	24.09	24.14	24.14	25.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	25.0	0.0	
10	QPSK	1	1	24.14	24.19	24.06	25.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	25.0	0.0	
5	QPSK	1	1	24.07	24.16	24.14	25.0	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	24.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.41	23.44	23.45	24.0	0.0	
20	PI/2 BPSK	1	53	23.41	23.42	23.40			
20	PI/2 BPSK	1	104	23.45	23.42	23.41			
20	PI/2 BPSK	50	0	22.99	23.08	22.96	23.5	0.5	
20	PI/2 BPSK	50	28	23.40	23.49	23.39	24.0	0.0	
20	PI/2 BPSK	50	56	23.05	23.11	22.95	23.5	0.5	
20	PI/2 BPSK	100	0	23.10	23.12	23.03			
20	QPSK	1	1	23.55	23.58	23.51	24.0	0.0	
20	QPSK	1	53	23.50	23.54	23.47			
20	QPSK	1	104	23.50	23.53	23.45			
20	QPSK	50	0	22.56	22.56	22.47	23.0	1.0	
20	QPSK	50	28	23.46	23.51	23.48	24.0	0.0	
20	QPSK	50	56	22.57	22.57	22.50	23.0	1.0	
20	QPSK	100	0	22.51	22.59	22.52			
20	16QAM	1	1	22.53	22.56	22.49	23.0	1.0	
20	64QAM	1	1	21.09	21.03	21.04	21.5	2.5	
20	256QAM	1	1	19.02	19.05	19.06	19.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0	
15	QPSK	1	40	23.46	23.51	23.37	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.0	0.0	
10	QPSK	1	26	23.46	23.41	23.40	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0	
5	QPSK	1	13	23.44	23.46	23.36	24.0	0.0	

n7 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				504000	507000	510000	25.0	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	24.56	24.58	24.39			
40	PI/2 BPSK	1	108	24.43	24.56	24.41	24.5	0.5	
40	PI/2 BPSK	1	214	24.38	24.47	24.34			
40	PI/2 BPSK	108	0	24.18	24.14	24.02			
40	PI/2 BPSK	108	54	24.42	24.40	24.47	24.5	0.5	
40	PI/2 BPSK	108	108	24.07	24.09	24.16			
40	PI/2 BPSK	216	0	24.12	24.05	24.06			
40	QPSK	1	1	24.55	24.59	24.56	25.0	0.0	
40	QPSK	1	108	24.54	24.51	24.53			
40	QPSK	1	214	24.47	24.54	24.44			
40	QPSK	108	0	23.64	23.70	23.61	24.0	1.0	
40	QPSK	108	54	24.49	24.47	24.48			
40	QPSK	108	108	23.48	23.57	23.62			
40	QPSK	216	0	23.67	23.65	23.60	24.0	1.0	
40	16QAM	1	1	23.66	23.54	23.56			
40	64QAM	1	1	22.09	22.07	22.09		2.5	
40	256QAM	1	1	20.08	20.15	20.17			
Channel				503000	507000	511000	20.5	4.5	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	24.47	24.43	24.59		0.0	
Channel				502500	507000	511500	25.0	0.0	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	24.41	24.50	24.58			
Channel				502000	507000	512000	25.0	0.0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	24.50	24.45	24.56		0.0	
Channel				501500	507000	512500	25.0	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	24.50	24.52	24.54		0.0	
Channel				501000	507000	513000	25.0	0.0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	24.43	24.50	24.56		0.0	
Channel				500500	507000	513500	25.0	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	24.49	24.43	24.58		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	24.0	0.0	
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	23.10	23.10	22.97			
15	PI/2 BPSK	1	40	22.93	22.91	22.94	23.5	0.5	
15	PI/2 BPSK	1	77	22.88	22.88	22.87			
15	PI/2 BPSK	36	0	22.70	22.68	22.68			
15	PI/2 BPSK	36	22	23.05	23.13	23.00	23.5	0.5	
15	PI/2 BPSK	36	43	22.73	22.73	22.68			
15	PI/2 BPSK	75	0	22.58	22.77	22.59			
15	QPSK	1	1	23.15	23.18	23.14	24.0	0.0	
15	QPSK	1	40	23.14	23.05	23.02			
15	QPSK	1	77	23.10	23.12	22.98			
15	QPSK	36	0	22.15	22.22	22.20	23.0	1.0	
15	QPSK	36	22	23.11	23.17	22.96			
15	QPSK	36	43	22.13	22.13	22.16			
15	QPSK	75	0	22.09	22.21	22.06	23.0	1.0	
15	16QAM	1	1	22.12	22.12	22.13			
15	64QAM	1	1	20.57	20.74	20.68		2.5	
15	256QAM	1	1	18.64	18.66	18.69			
Channel				140800	141500	142200	24.0	0.0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.16	23.13	22.99		0.0	
Channel				140300	141500	142700	24.0	0.0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	23.11	23.08	22.99			

n13 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				156400			25.0	0.0
Frequency (MHz)				782				
10	PI/2 BPSK	1	1		24.13		25.0	0.0
10	PI/2 BPSK	1	26		23.96			
10	PI/2 BPSK	1	50		24.00			
10	PI/2 BPSK	25	0		23.77		24.5	0.5
10	PI/2 BPSK	25	14		24.16		25.0	0.0
10	PI/2 BPSK	25	27		23.63		24.5	0.5
10	PI/2 BPSK	50	0		23.68			
10	QPSK	1	1		24.22		25.0	0.0
10	QPSK	1	26		24.13			
10	QPSK	1	50		24.14			
10	QPSK	25	0		23.19		24.0	1.0
10	QPSK	25	14		24.13		25.0	0.0
10	QPSK	25	27		23.26		24.0	1.0
10	QPSK	50	0		23.30			
10	16QAM	1	1		24.08		24.0	1.0
10	64QAM	1	1		22.67		22.5	2.5
10	256QAM	1	1		20.69		20.5	4.5
Channel				155900	156400	156900	25.0	0.0
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	24.09	24.06	24.07	25.0	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			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.84		25.0	0.0
10	PI/2 BPSK	1	26		23.76			
10	PI/2 BPSK	1	50		23.77			
10	PI/2 BPSK	25	0		23.39		24.5	0.5
10	PI/2 BPSK	25	14		23.83		25.0	0.0
10	PI/2 BPSK	25	27		23.48		24.5	0.5
10	PI/2 BPSK	50	0		23.41			
10	QPSK	1	1		23.94		25.0	0.0
10	QPSK	1	26		23.86			
10	QPSK	1	50		23.87			
10	QPSK	25	0		22.99		24.0	1.0
10	QPSK	25	14		23.89		25.0	0.0
10	QPSK	25	27		22.89		24.0	1.0
10	QPSK	50	0		22.91			
10	16QAM	1	1		22.85		24.0	1.0
10	64QAM	1	1		21.43		22.5	2.5
10	256QAM	1	1		19.45		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.82	23.88	23.85	25.0	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				1670	1882.5	1895	25.0	0.0	
Frequency (MHz)				23.91	24.02	23.87			
40	PI/2 BPSK	1	1	23.91	24.02	23.87			
40	PI/2 BPSK	1	108	23.75	23.84	23.80			
40	PI/2 BPSK	1	214	23.81	24.06	23.88	24.5	0.5	
40	PI/2 BPSK	108	0	23.49	23.71	23.55			
40	PI/2 BPSK	108	54	23.90	23.96	23.91			
40	PI/2 BPSK	108	108	23.54	23.56	23.48			
40	PI/2 BPSK	216	0	23.44	23.60	23.42	25.0	0.0	
40	QPSK	1	1	23.95	24.11	23.98			
40	QPSK	1	108	23.88	23.95	23.94			
40	QPSK	1	214	23.91	24.09	23.96			
40	QPSK	108	0	23.04	23.03	22.96	24.0	1.0	
40	QPSK	108	54	23.90	24.05	23.91	25.0	0.0	
40	QPSK	108	108	22.97	23.12	22.94	24.0	1.0	
40	QPSK	216	0	23.03	23.07	23.09	24.0	1.0	
40	16QAM	1	1	23.02	23.10	22.98			
40	64QAM	1	1	21.55	21.58	21.50			
40	256QAM	1	1	19.49	19.62	19.47			
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	23.94	24.03	23.92	25.0	0.0	
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	23.88	24.02	23.99	25.0	0.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	23.89	24.12	23.95	25.0	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	23.89	24.04	23.87	25.0	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	23.87	24.07	23.98	25.0	0.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	23.90	24.04	23.90	25.0	0.0	

n26 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				164800	166300	167800	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.50	23.38	23.54			
20	PI/2 BPSK	1	53	23.35	23.30	23.38			
20	PI/2 BPSK	1	104	23.37	23.36	23.49	23.5	0.5	
20	PI/2 BPSK	50	0	23.03	23.02	23.22			
20	PI/2 BPSK	50	28	23.50	23.44	23.58			
20	PI/2 BPSK	50	56	23.12	23.06	23.21			
20	PI/2 BPSK	100	0	23.09	23.07	23.21	24.0	0.0	
20	QPSK	1	1	23.58	23.51	23.66			
20	QPSK	1	53	23.50	23.42	23.52			
20	QPSK	1	104	23.46	23.48	23.57			
20	QPSK	50	0	22.60	22.49	22.70	23.0	1.0	
20	QPSK	50	28	23.52	23.47	23.80	24.0	0.0	
20	QPSK	50	56	22.56	22.47	22.61	23.0	1.0	
20	QPSK	100	0	22.63	22.49	22.62	23.0	1.0	
20	16QAM	1	1	22.55	22.51	22.56			
20	64QAM	1	1	21.11	20.98	21.13			
20	256QAM	1	1	19.05	19.01	19.15			
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.53	23.44	23.54	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	23.53	23.46	23.60	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.48	23.45	23.54	24.0	0.0	

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				346000	349000	352000	25.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	23.73	23.91	23.76			
40	PI/2 BPSK	1	108	23.75	23.75	23.74	25.0	0.0	
40	PI/2 BPSK	1	214	23.72	23.84	23.69			
40	PI/2 BPSK	108	0	23.37	23.49	23.33			
40	PI/2 BPSK	108	54	23.74	23.91	23.79	24.5	0.5	
40	PI/2 BPSK	108	108	23.37	23.42	23.44			
40	PI/2 BPSK	216	0	23.34	23.43	23.36			
40	QPSK	1	1	23.88	23.93	23.83	25.0	0.0	
40	QPSK	1	108	23.79	23.82	23.80			
40	QPSK	1	214	23.74	23.80	23.78			
40	QPSK	108	0	22.93	22.97	22.92	24.0	1.0	
40	QPSK	108	54	23.81	23.89	23.70			
40	QPSK	108	108	22.95	22.95	22.89			
40	QPSK	216	0	22.81	22.97	22.85	24.0	1.0	
40	16QAM	1	1	22.88	22.92	22.86			
40	64QAM	1	1	21.44	21.48	21.42		22.5	
40	256QAM	1	1	19.40	19.43	19.41	20.5	4.5	
Channel				345000	349000	353000	25.0	0.0	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.76	23.97	23.73		0.0	
Channel				344000	349000	354000	25.0	0.0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.69	23.94	23.76		0.0	
Channel				343500	349000	354500	25.0	0.0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.76	23.86	23.77		0.0	
Channel				343000	349000	355000	25.0	0.0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.76	23.94	23.77		0.0	
Channel				342500	349000	355500	25.0	0.0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.69	23.87	23.80		0.0	

n71 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600	25.0	0.0	
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	24.26	24.40	24.35			
20	PI/2 BPSK	1	53	24.17	24.28	24.16	24.5	0.5	
20	PI/2 BPSK	1	104	24.30	24.33	24.32			
20	PI/2 BPSK	50	0	23.98	23.99	24.01			
20	PI/2 BPSK	50	28	24.34	24.27	24.29	24.5	0.5	
20	PI/2 BPSK	50	56	23.90	23.94	23.89			
20	PI/2 BPSK	100	0	23.90	23.89	23.91			
20	QPSK	1	1	24.43	24.44	24.38	25.0	0.0	
20	QPSK	1	53	24.29	24.36	24.32			
20	QPSK	1	104	24.35	24.41	24.34			
20	QPSK	50	0	23.38	23.46	23.46	24.0	1.0	
20	QPSK	50	28	24.29	24.36	24.28			
20	QPSK	50	56	23.39	23.45	23.50			
20	QPSK	100	0	23.40	23.54	23.47	24.0	1.0	
20	16QAM	1	1	23.40	23.38	23.38			
20	64QAM	1	1	21.89	22.01	21.87		22.5	
20	256QAM	1	1	19.90	19.98	19.93	20.5	4.5	
Channel				134100	136100	138100	25.0	0.0	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.28	24.38	24.26		0.0	
Channel				133600	136100	138600	25.0	0.0	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.32	24.42	24.30		0.0	
Channel				133100	136100	139100	25.0	0.0	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.26	24.39	24.25		0.0	

n2 Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. Ch1	Power Middle Ch. / Freq. Ch2	Power High Ch. / Freq. Ch3	
Channel				370000	376000	380500	
Frequency (MHz)				1860	1860	1900	
20	P12 BPSK	1	1	23.96	24.09	24.05	
20	P12 BPSK	1	53	23.77	23.96	23.87	25.0
20	P12 BPSK	1	104	23.64	24.04	23.99	
20	P12 BPSK	50	9	23.61	23.73	23.49	24.5
20	P12 BPSK	50	28	23.97	24.03	24.03	25.0
20	P12 BPSK	50	56	23.61	23.73	23.65	24.5
20	P12 BPSK	100	0	23.66	23.79	23.63	
20	QPSK	1	1	23.99	24.35	24.08	
20	QPSK	1	53	23.90	24.09	24.03	25.0
20	QPSK	1	104	23.63	24.15	23.99	
20	QPSK	50	9	23.14	23.21	23.18	24.0
20	QPSK	50	28	23.95	24.10	23.93	25.0
20	QPSK	50	56	23.63	23.21	23.96	24.0
20	QPSK	100	0	23.08	23.27	23.13	
20	16QAM	1	1	23.92	23.19	23.86	24.0
20	64QAM	1	1	21.48	21.68	21.71	22.5
20	256QAM	1	1	19.69	19.66	19.55	20.5
Channel				1867.5	1880	1902.5	
15	QPSK	1	1	24.02	24.06	24.01	25.0
Channel				241000	246000	261000	
Frequency (MHz)				1895	1895	1905	
10	QPSK	1	1	23.99	24.04	24.04	25.0
Channel				370500	376000	381500	
Frequency (MHz)				1882.5	1880	1877.5	
5	QPSK	1	1	24.02	24.13	23.99	25.0

n66 Ant 2							
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)				1945	1945	1945	
40	P12 BPSK	1	1	23.66	23.93	23.79	
40	P12 BPSK	1	106	23.48	23.79	23.67	25.0
40	P12 BPSK	1	214	23.55	23.77	23.65	
40	P12 BPSK	108	9	23.18	23.35	23.33	24.5
40	P12 BPSK	108	54	23.66	23.90	23.82	25.0
40	P12 BPSK	108	108	23.29	23.46	23.36	
40	P12 BPSK	216	0	23.19	23.55	23.29	24.5
40	QPSK	1	1	23.71	23.97	23.78	
40	QPSK	1	106	23.66	23.81	23.73	25.0
40	QPSK	1	214	23.69	23.84	23.71	
40	QPSK	108	0	22.77	22.88	22.83	24.0
40	QPSK	108	54	23.63	23.78	23.80	25.0
40	QPSK	108	108	22.72	23.00	22.75	24.0
40	QPSK	216	0	22.72	23.04	22.88	
40	16QAM	1	1	22.69	22.85	22.83	24.0
40	16QAM	1	1	21.22	21.38	21.44	22.5
40	256QAM	1	1	19.20	19.38	19.36	20.5
Channel				345000	349000	350000	
Frequency (MHz)				1745	1745	1745	
30	QPSK	1	1	23.56	23.78	23.78	25.0
Channel				346000	349000	351000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	23.60	23.83	23.67	25.0
Channel				343000	349000	350000	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	23.52	23.84	23.74	25.0
Channel				343000	349000	350000	
Frequency (MHz)				1718	1745	1778	
10	QPSK	1	1	23.58	23.82	23.74	25.0
Channel				342500	349000	350000	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	23.57	23.85	23.74	25.0

FR1 n70 Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				340000	345000	349000	
Frequency (MHz)				1700	1702.5	1705	
15	P12 BPSK	1	1		23.78		25.0
15	P12 BPSK	1	40		23.62		
15	P12 BPSK	1	77		23.69		
15	P12 BPSK	36	9		23.33		24.5
15	P12 BPSK	36	22		23.71		25.0
15	P12 BPSK	36	43		23.35		24.5
15	P12 BPSK	72	0		23.33		
15	QPSK	1	1		23.66		
15	QPSK	1	40		23.79		25.0
15	QPSK	1	77		23.68		
15	QPSK	36	9		22.87		24.0
15	QPSK	36	22		23.73		25.0
15	QPSK	36	43		22.87		
15	QPSK	72	0		22.91		24.0
15	16QAM	1	1		22.80		24.0
15	16QAM	1	1		21.40		22.5
15	256QAM	1	1		19.33		20.5
Channel				340000	345000	341000	
Frequency (MHz)				1700	1702.5	1705	
10	QPSK	1	1	23.66	23.74	23.70	25.0
Channel				339500	345000	341500	
Frequency (MHz)				1697.5	1702.5	1707.5	
5	QPSK	1	1	23.71	23.73	23.73	0.0

Part270 n78 HPUE Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PQ2 BPSK	1	1		26.99		27.5	0.0	
100	PQ2 BPSK	1	137		26.94				
100	PQ2 BPSK	1	271		26.98				
100	PQ2 BPSK	135	0		26.55	27.0	0.5		
100	PQ2 BPSK	135	69		27.05		27.5	0.0	
100	PQ2 BPSK	135	138		26.55		27.0	0.5	
100	PQ2 BPSK	270	0		26.52				
100	QPSK	1	1		27.07		27.5	0.0	
100	QPSK	1	137		27.01				
100	QPSK	1	271		26.98				
100	QPSK	135	0		25.99	26.5	1.0		
100	QPSK	135	69		27.05		27.5	0.0	
100	QPSK	135	138		26.06		26.5	1.0	
100	QPSK	270	0		25.97		26.5	1.0	
100	16QAM	1	1		26.09		26.5	1.0	
100	64QAM	1	1		23.39		25.0	2.5	
100	256QAM	1	1		22.26		23.0	4.5	
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3765.01			
90	QPSK	1	1		27.02	27.05	27.02	27.5	0.0
Channel				649334	650000	650968	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3734	3750	3766			
80	QPSK	1	1		26.93	26.95	26.93	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3724	3750	3776			
70	QPSK	1	1		26.92	26.97	26.96	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		26.91	26.89	26.89	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		26.94	26.94	26.95	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		26.90	26.96	26.97	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3719.02	3750	3783.01			
30	QPSK	1	1		26.89	26.97	26.95	27.5	0.0
Channel				647300	650000	652600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		26.94	27.00	26.91	27.5	0.0
Channel				647334	650000	652900	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		26.94	26.93	26.93	27.5	0.0
Channel				647168	650000	653234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.02	3750	3782.51			
15	QPSK	1	1		26.86	26.95	26.97	27.5	0.0
Channel				647000	650000	653500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		26.92	26.96	26.96	27.5	0.0

Part27Q 78 HPUE 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				633334	633334				
Frequency (MHz)				3000.01					
100	PQ2 BPSK	1	1		25.88		27.5	0.0	
100	PQ2 BPSK	1	137		25.83				
100	PQ2 BPSK	1	271		25.78				
100	PQ2 BPSK	135	0		25.45		27.0	0.5	
100	PQ2 BPSK	135	69		25.88		27.5	0.0	
100	PQ2 BPSK	135	138		25.44		27.0	0.5	
100	PQ2 BPSK	270	0		25.45				
100	QPSK	1	1		25.00		27.5	0.0	
100	QPSK	1	137		25.86				
100	QPSK	1	271		25.92				
100	QPSK	135	0		24.94		26.5	1.0	
100	QPSK	135	69		25.50		27.5	0.0	
100	QPSK	135	138		24.90		26.5	1.0	
100	QPSK	270	0		25.03		26.5	1.0	
100	16QAM	1	1		24.95		26.5	1.0	
100	64QAM	1	1		22.40		25.0	2.5	
100	256QAM	1	1		21.19		23.0	4.5	
Channel				633000	633334	633668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		25.86	25.95	25.86	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		25.87	25.90	25.94	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		25.82	25.92	25.91	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		25.80	25.89	25.88	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		25.87	25.94	25.94	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		25.90	25.92	25.88	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		25.90	25.95	25.95	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3460.01	3500.01	3537.51			
25	QPSK	1	1		25.90	25.97	25.93	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3455	3500.01	3540			
20	QPSK	1	1		25.79	25.97	25.96	27.5	0.0
Channel				630000	633334	636668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3452.5	3500.01	3542.92			
15	QPSK	1	1		25.84	25.96	25.93	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		25.80	25.88	25.85	27.5	0.0

n41 HPUE Ant 8									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506002	518598	526000			
Frequency (MHz)				2546.01	2592.99	2540			
100	PI2 BPSK	1	1	25.48	25.82	25.88			
100	PI2 BPSK	1	137	25.36	25.82	25.76	27.0	0.0	
100	PI2 BPSK	1	271	25.47	25.81	25.83			
100	PI2 BPSK	135	0	24.96	25.35	25.30	26.5	0.5	
100	PI2 BPSK	135	69	25.42	25.76	25.73	27.0	0.0	
100	PI2 BPSK	135	138	24.92	25.37	25.33			
100	PI2 BPSK	270	0	25.07	25.38	25.35	26.5	0.5	
100	QPSK	1	1	25.54	25.84	25.83			
100	QPSK	1	137	25.41	25.82	25.76	27.0	0.0	
100	QPSK	1	271	25.42	25.75	25.82			
100	QPSK	135	0	24.50	24.84	24.89	26.0	1.0	
100	QPSK	135	69	25.42	25.88	25.82	27.0	0.0	
100	QPSK	135	138	24.44	24.85	24.52			
100	QPSK	270	0	24.42	24.85	24.81	26.0	1.0	
100	16QAM	1	1	24.55	24.58	24.52	26.0	1.0	
100	64QAM	1	1	22.73	22.30	22.79	24.5	2.5	
100	256QAM	1	1	20.86	20.60	20.85	22.5	4.5	
Channel				508200	518598	526998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541 <td>2592.99</td> <td>2644.98</td> <td></td> <td colspan="2"></td>	2592.99	2644.98			
90	QPSK	1	1	25.41	25.82	25.77	27.0	0.0	
Channel				508204	518598	527000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2638.02 <td>2592.99</td> <td>2649.99</td> <td></td> <td colspan="2"></td>	2592.99	2649.99			
80	QPSK	1	1	25.48	25.83	25.76	27.0	0.0	
Channel				508200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2706 <td>2592.99</td> <td>2659.98</td> <td></td> <td colspan="2"></td>	2592.99	2659.98			
60	QPSK	1	1	25.44	25.75	25.80	27.0	0.0	
Channel				508204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02 <td>2592.99</td> <td>2664.99</td> <td></td> <td colspan="2"></td>	2592.99	2664.99			
50	QPSK	1	1	25.45	25.85	25.84	27.0	0.0	
Channel				508202	518598	533500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2616.01 <td>2592.99</td> <td>2670</td> <td></td> <td colspan="2"></td>	2592.99	2670			
40	QPSK	1	1	25.40	25.87	25.84	27.0	0.0	
Channel				508200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2611 <td>2592.99</td> <td>2674.98</td> <td></td> <td colspan="2"></td>	2592.99	2674.98			
30	QPSK	1	1	25.35	25.75	25.83	27.0	0.0	
Channel				508204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2606.02 <td>2592.99</td> <td>2679.99</td> <td></td> <td colspan="2"></td>	2592.99	2679.99			
20	QPSK	1	1	25.36	25.88	26.75	27.0	0.0	
Channel				508200	518598	536998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2603.5 <td>2592.99</td> <td>2682.48</td> <td></td> <td colspan="2"></td>	2592.99	2682.48			
15	QPSK	1	1	25.39	25.84	25.83	27.0	0.0	
Channel				508202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2601.01 <td>2592.99</td> <td>2686</td> <td></td> <td colspan="2"></td>	2592.99	2686			
10	QPSK	1	1	25.45	25.76	25.81	27.0	0.0	

Par270 n77 HPUE Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				606000	606000	606000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	25.95	25.89	25.60		27.0	0.0
100	PI2 BPSK	1	137	25.80	25.99	25.63			
100	PI2 BPSK	1	271	25.88	25.85	25.59			
100	PI2 BPSK	135	0	25.46	25.44	25.14	26.5	0.5	
100	PI2 BPSK	135	69	25.87	25.95	25.65	27.0	0.0	
100	PI2 BPSK	135	138	25.47	25.45	25.18	26.5	0.5	
100	PI2 BPSK	270	0	25.44	25.50	25.11	26.5	0.5	
100	QPSK	1	1	25.99	26.01	25.71		27.0	0.0
100	QPSK	1	137	25.86	25.83	25.65			
100	QPSK	1	271	25.91	25.85	25.57			
100	QPSK	135	0	24.93	24.97	24.60	26.0	1.0	
100	QPSK	135	69	25.94	25.98	25.59	27.0	0.0	
100	QPSK	135	138	24.98	25.00	24.70	26.0	1.0	
100	QPSK	270	0	24.95	25.01	24.59	26.0	1.0	
100	16QAM	1	1	25.09	25.17	25.16	26.0	1.0	
100	64QAM	1	1	22.47	22.48	22.51	24.5	2.5	
100	256QAM	1	1	21.02	21.13	21.16	22.5	4.5	
Channel				649688	650000	652334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3845.02	3840	3935.01			
90	QPSK	1	1	25.92	25.95	25.65	27.0	0.0	
Channel				649334	650000	650968	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3742.01	3840	3940.02			
80	QPSK	1	1	25.88	25.92	25.64	27.0	0.0	
Channel				649000	650000	653000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.94	25.89	25.69	27.0	0.0	
Channel				648668	650000	653334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.87	25.91	25.68	27.0	0.0	
Channel				648334	650000	653500	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.87	25.90	25.58	27.0	0.0	
Channel				648000	650000	656000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3722	3840	3960			
40	QPSK	1	1	25.91	25.97	25.66	27.0	0.0	
Channel				647668	650000	656334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.95	25.97	25.65	27.0	0.0	
Channel				647300	650000	656500	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	25.95	25.98	25.64	27.0	0.0	
Channel				647000	650000	656668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.85	25.96	25.65	27.0	0.0	
Channel				647168	650000	656834	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.87	25.98	25.65	27.0	0.0	
Channel				647000	650000	657000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.86	25.94	25.59	27.0	0.0	

n30 Ant 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000			25.0	0.0
Frequency (MHz)				2310				
10	PV2 BPSK	1	1		24.02		25.0	0.0
10	PV2 BPSK	1	26		23.83			
10	PV2 BPSK	1	50		23.95		24.5	0.5
10	PV2 BPSK	25	0		23.50			
10	PV2 BPSK	25	14		23.90		25.0	0.0
10	PV2 BPSK	25	27		23.59		24.5	0.5
10	PV2 BPSK	50	0		23.56			
10	QPSK	1	1		24.05		25.0	0.0
10	QPSK	1	26		23.96			
10	QPSK	1	50		23.94		24.0	1.0
10	QPSK	25	0		23.00			
10	QPSK	25	14		23.95		25.0	0.0
10	QPSK	25	27		23.01		24.0	1.0
10	QPSK	50	0		23.02			
10	16QAM	1	1		22.76		24.0	1.0
10	64QAM	1	1		22.15		22.5	2.5
10	256QAM	1	1		20.01		20.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.80	23.98	23.87	25.0	0.0

Reduced Power Mode for Sensor on

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	19.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	17.82	18.00	17.85			
20	PI/2 BPSK	1	53	17.86	17.96	17.94	19.0	0.0	
20	PI/2 BPSK	1	104	17.80	17.95	17.94			
20	PI/2 BPSK	50	0	17.90	17.94	17.98			
20	PI/2 BPSK	50	28	17.89	17.87	17.87	19.0	0.0	
20	PI/2 BPSK	50	56	17.79	17.87	17.94			
20	PI/2 BPSK	100	0	17.81	17.93	17.91			
20	QPSK	1	1	17.98	18.02	18.01	19.0	0.0	
20	QPSK	1	53	17.86	17.97	17.80			
20	QPSK	1	104	17.88	17.99	17.90			
20	QPSK	50	0	17.88	17.93	17.83	19.0	0.0	
20	QPSK	50	28	17.76	17.98	17.88			
20	QPSK	50	56	17.84	17.89	17.97			
20	QPSK	100	0	17.91	17.94	18.00	19.0	0.0	
20	16QAM	1	1	17.87	17.95	17.88			
20	64QAM	1	1	17.92	17.89	17.90			
20	256QAM	1	1	17.89	18.00	17.91	19.0	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	17.81	17.90	18.00	19.0	0.0	
Channel				371000	376000	381000	19.0	0.0	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	17.81	17.94	17.90			
Channel				370500	376000	381500	19.0	0.0	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	17.85	17.83	17.95			

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	23.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.37	22.41	22.35			
20	PI/2 BPSK	1	53	22.37	22.46	22.36	23.0	0.0	
20	PI/2 BPSK	1	104	22.33	22.37	22.35			
20	PI/2 BPSK	50	0	22.44	22.40	22.35			
20	PI/2 BPSK	50	28	22.42	22.50	22.35	23.0	0.0	
20	PI/2 BPSK	50	56	22.39	22.35	22.37			
20	PI/2 BPSK	100	0	22.32	22.48	22.44			
20	QPSK	1	1	22.54	22.59	22.53	23.0	0.0	
20	QPSK	1	53	22.38	22.40	22.36			
20	QPSK	1	104	22.26	22.49	22.42			
20	QPSK	50	0	22.39	22.52	22.37	23.0	0.0	
20	QPSK	50	28	22.44	22.54	22.43			
20	QPSK	50	56	22.37	22.41	22.31			
20	QPSK	100	0	22.46	22.49	22.48	23.0	0.0	
20	16QAM	1	1	22.39	22.54	22.34			
20	64QAM	1	1	20.88	20.95	20.96			
20	256QAM	1	1	18.97	19.07	18.92	19.5	3.5	
Channel				166300	167300	168300	23.0	0.0	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	40	22.50	22.55	22.47			
Channel				165800	167300	168800	23.0	0.0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	26	22.54	22.57	22.50			
Channel				165300	167300	169300	23.0	0.0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	13	22.47	22.56	22.47			

n7 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				504000	507000	510000	15.0	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	14.38	14.51	14.43			
40	PI/2 BPSK	1	108	14.48	14.56	14.44	15.0	0.0	
40	PI/2 BPSK	1	214	14.47	14.51	14.54			
40	PI/2 BPSK	108	0	14.47	14.58	14.46			
40	PI/2 BPSK	108	54	14.48	14.53	14.47	15.0	0.0	
40	PI/2 BPSK	108	108	14.39	14.50	14.52			
40	PI/2 BPSK	216	0	14.41	14.50	14.53			
40	QPSK	1	1	14.52	14.61	14.57	15.0	0.0	
40	QPSK	1	108	14.38	14.58	14.52			
40	QPSK	1	214	14.40	14.52	14.47			
40	QPSK	108	0	14.48	14.48	14.48	15.0	0.0	
40	QPSK	108	54	14.49	14.59	14.45			
40	QPSK	108	108	14.49	14.51	14.46			
40	QPSK	216	0	14.49	14.56	14.52	15.0	0.0	
40	16QAM	1	1	14.44	14.47	14.48			
40	64QAM	1	1	14.42	14.57	14.51			
40	256QAM	1	1	14.44	14.50	14.53	15.0	0.0	
Channel				503000	507000	511000	15.0	0.0	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	14.40	14.57	14.52		0.0	
Channel				502500	507000	511500	15.0	0.0	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	14.34	14.53	14.51		0.0	
Channel				502000	507000	512000	15.0	0.0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	14.38	14.58	14.48		0.0	
Channel				501500	507000	512500	15.0	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	14.32	14.51	14.45		0.0	
Channel				501000	507000	513000	15.0	0.0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	14.38	14.53	14.52		0.0	
Channel				500500	507000	513500	15.0	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	14.39	14.55	14.51		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	24.0	0.0	
Frequency (MHz)				706.5	707.5	708.5			
15	PI/2 BPSK	1	1	23.10	23.10	22.97			
15	PI/2 BPSK	1	40	22.93	22.91	22.94	23.5	0.5	
15	PI/2 BPSK	1	77	22.88	22.88	22.87			
15	PI/2 BPSK	36	0	22.70	22.68	22.68			
15	PI/2 BPSK	36	22	23.05	23.13	23.00	23.5	0.5	
15	PI/2 BPSK	36	43	22.73	22.73	22.68			
15	PI/2 BPSK	75	0	22.58	22.77	22.59			
15	QPSK	1	1	23.15	23.18	23.14	24.0	0.0	
15	QPSK	1	40	23.14	23.05	23.02			
15	QPSK	1	77	23.10	23.12	22.98			
15	QPSK	36	0	22.15	22.22	22.20	23.0	1.0	
15	QPSK	36	22	23.11	23.17	22.96			
15	QPSK	36	43	22.13	22.13	22.16			
15	QPSK	75	0	22.09	22.21	22.06	23.0	1.0	
15	16QAM	1	1	22.12	22.12	22.13			
15	64QAM	1	1	20.57	20.74	20.68		21.5	
15	256QAM	1	1	18.64	18.66	18.69	19.5	4.5	
Channel				140800	141500	142200	24.0	0.0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	23.16	23.13	22.99		0.0	
Channel				140300	141500	142700	24.0	0.0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	23.11	23.08	22.99		0.0	

n13 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					156400		23.0	0.0
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		22.14		23.0	0.0
10	PI/2 BPSK	1	26		22.13			
10	PI/2 BPSK	1	50		22.08			
10	PI/2 BPSK	25	0		22.14		23.0	0.0
10	PI/2 BPSK	25	14		22.11		23.0	0.0
10	PI/2 BPSK	25	27		22.13		23.0	0.0
10	PI/2 BPSK	50	0		22.18			
10	QPSK	1	1		22.25		23.0	0.0
10	QPSK	1	26		22.13			
10	QPSK	1	50		22.15			
10	QPSK	25	0		22.18		23.0	0.0
10	QPSK	25	14		22.23		23.0	0.0
10	QPSK	25	27		22.07			
10	QPSK	50	0		22.21			
10	16QAM	1	1		22.12		23.0	0.0
10	64QAM	1	1		21.85		22.5	0.5
10	256QAM	1	1		19.76		20.5	2.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	22.10	22.14	22.12	23.0	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				
Frequency (MHz)				793				
10	PI/2 BPSK	1	1		22.89		24.0	0.0
10	PI/2 BPSK	1	26		22.83			
10	PI/2 BPSK	1	50		22.89			
10	PI/2 BPSK	25	0		22.85		24.0	0.0
10	PI/2 BPSK	25	14		22.84		24.0	0.0
10	PI/2 BPSK	25	27		22.78		24.0	0.0
10	PI/2 BPSK	50	0		22.81			
10	QPSK	1	1		22.96		24.0	0.0
10	QPSK	1	26		22.79			
10	QPSK	1	50		22.78			
10	QPSK	25	0		22.81		24.0	0.0
10	QPSK	25	14		22.94		24.0	0.0
10	QPSK	25	27		22.80		24.0	0.0
10	QPSK	50	0		22.92			
10	16QAM	1	1		22.83		24.0	0.0
10	64QAM	1	1		21.39		22.5	1.5
10	256QAM	1	1		19.42		20.5	3.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	22.87	22.89	22.82	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	19.0	0.0	
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	17.87	18.03	17.93			
40	PI2 BPSK	1	108	17.94	17.96	17.99	19.0	0.0	
40	PI2 BPSK	1	214	17.90	17.96	17.98			
40	PI2 BPSK	108	0	17.98	18.05	18.00			
40	PI2 BPSK	108	54	17.89	17.95	17.90	19.0	0.0	
40	PI2 BPSK	108	108	17.89	17.94	17.97			
40	PI2 BPSK	216	0	17.89	17.94	18.00			
40	QPSK	1	1	17.99	18.08	18.02	19.0	0.0	
40	QPSK	1	108	17.89	18.00	17.91			
40	QPSK	1	214	17.98	18.01	17.90			
40	QPSK	108	0	17.91	17.95	17.90	19.0	0.0	
40	QPSK	108	54	17.88	18.07	17.92			
40	QPSK	108	108	17.90	17.98	18.01			
40	QPSK	216	0	17.98	18.05	18.01	19.0	0.0	
40	16QAM	1	1	17.98	17.98	17.97			
40	64QAM	1	1	17.94	17.96	17.93		19.0	
40	256QAM	1	1	17.92	18.01	17.93			
Channel				373000	376500	380000	19.0 <th colspan="2" rowspan="3">0.0</th>	0.0	
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	17.90	17.93	17.99			
Channel				372500	376500	380500	19.0 <th colspan="2" rowspan="3">0.0</th>	0.0	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	17.90	17.90	17.95			
Channel				372000	376500	381000	19.0 <th colspan="2" rowspan="3">0.0</th>	0.0	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	17.84	17.91	17.94			
Channel				371500	376500	381500	19.0 <th colspan="2" rowspan="3">0.0</th>	0.0	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	17.83	17.85	17.88			
Channel				371000	376500	382000	19.0 <th colspan="2" rowspan="3">0.0</th>	0.0	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	17.86	17.90	17.90			
Channel				370500	376500	382500	19.0 <th colspan="2" rowspan="3">0.0</th>	0.0	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	17.87	17.90	17.94			

n26 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				164800	166300	167800	23.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	22.47	22.43	22.48			
20	PI/2 BPSK	1	53	22.45	22.45	22.53	23.0	0.0	
20	PI/2 BPSK	1	104	22.43	22.45	22.48			
20	PI/2 BPSK	50	0	22.48	22.41	22.47			
20	PI/2 BPSK	50	28	22.46	22.43	22.56	23.0	0.0	
20	PI/2 BPSK	50	56	22.44	22.48	22.45			
20	PI/2 BPSK	100	0	22.43	22.46	22.48			
20	QPSK	1	1	22.61	22.58	22.65	23.0	0.0	
20	QPSK	1	53	22.45	22.40	22.48			
20	QPSK	1	104	22.37	22.45	22.53			
20	QPSK	50	0	22.46	22.44	22.53	23.0	0.0	
20	QPSK	50	28	22.52	22.50	22.80			
20	QPSK	50	56	22.44	22.40	22.51			
20	QPSK	100	0	22.51	22.51	22.59	23.0	0.0	
20	16QAM	1	1	22.47	22.44	22.57			
20	64QAM	1	1	20.96	20.97	20.99		19.5	
20	256QAM	1	1	18.97	18.98	19.07			
Channel				164300	166300	168300	23.0	0.0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	22.48	22.37	22.46			
Channel				163800	166300	168800	23.0	0.0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.39	22.48	22.50			
Channel				163300	166300	169300	23.0	0.0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.45	22.45	22.47			

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				346000	349000	352000	20.5	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	19.20	19.27	19.22			
40	PI/2 BPSK	1	108	19.19	19.31	19.21	20.5	0.0	
40	PI/2 BPSK	1	214	19.13	19.22	19.25			
40	PI/2 BPSK	108	0	19.13	19.22	19.25			
40	PI/2 BPSK	108	54	19.13	19.24	19.23	20.5	0.0	
40	PI/2 BPSK	108	108	19.15	19.26	19.22			
40	PI/2 BPSK	216	0	19.16	19.21	19.18			
40	QPSK	1	1	19.35	19.38	19.33	20.5	0.0	
40	QPSK	1	108	19.17	19.31	19.16			
40	QPSK	1	214	19.19	19.21	19.17			
40	QPSK	108	0	19.20	19.29	19.25	20.5	0.0	
40	QPSK	108	54	19.32	19.36	19.27			
40	QPSK	108	108	19.20	19.26	19.16			
40	QPSK	216	0	19.25	19.34	19.29	20.5	0.0	
40	16QAM	1	1	19.20	19.28	19.22			
40	64QAM	1	1	19.16	19.30	19.21		0.0	
40	256QAM	1	1	19.12	19.28	19.18			
Channel				345000	349000	353000	20.5	0.0	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.11	19.32	19.25		0.0	
Channel				344000	349000	354000	20.5	0.0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.03	19.30	19.19		0.0	
Channel				343500	349000	354500	20.5	0.0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.02	19.33	19.17		0.0	
Channel				343000	349000	355000	20.5	0.0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.07	19.24	19.15		0.0	
Channel				342500	349000	355500	20.5	0.0	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.11	19.32	19.18		0.0	

n71 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600	25.0	0.0	
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	24.26	24.40	24.35			
20	PI/2 BPSK	1	53	24.17	24.28	24.16	25.0	0.0	
20	PI/2 BPSK	1	104	24.30	24.33	24.32			
20	PI/2 BPSK	50	0	23.98	23.99	24.01			
20	PI/2 BPSK	50	28	24.34	24.27	24.29	24.5	0.5	
20	PI/2 BPSK	50	56	23.90	23.94	23.89			
20	PI/2 BPSK	100	0	23.90	23.89	23.91			
20	QPSK	1	1	24.43	24.44	24.38	25.0	0.0	
20	QPSK	1	53	24.29	24.36	24.32			
20	QPSK	1	104	24.35	24.41	24.34			
20	QPSK	50	0	23.38	23.46	23.46	24.0	1.0	
20	QPSK	50	28	24.29	24.36	24.28			
20	QPSK	50	56	23.39	23.45	23.50			
20	QPSK	100	0	23.40	23.54	23.47	24.0	1.0	
20	16QAM	1	1	23.40	23.38	23.38			
20	64QAM	1	1	21.89	22.01	21.87		2.5	
20	256QAM	1	1	19.90	19.98	19.93			
Channel				134100	136100	138100	20.5	4.5	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.28	24.38	24.26		0.0	
Channel				133600	136100	138600	25.0	0.0	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.32	24.42	24.30		0.0	
Channel				133100	136100	139100	25.0	0.0	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.26	24.39	24.25		0.0	

FR1 n70 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					340500		19.5	0.0
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		18.27		19.5	0.0
15	PI/2 BPSK	1	40		18.24			
15	PI/2 BPSK	1	77		18.28			
15	PI/2 BPSK	36	0		18.33		19.5	0.0
15	PI/2 BPSK	36	22		18.22		19.5	0.0
15	PI/2 BPSK	36	43		18.23		19.5	0.0
15	PI/2 BPSK	75	0		18.23			
15	QPSK	1	1		18.40		19.5	0.0
15	QPSK	1	40		18.31			
15	QPSK	1	77		18.23			
15	QPSK	36	0		18.33		19.5	0.0
15	QPSK	36	22		18.36		19.5	0.0
15	QPSK	36	43		18.31		19.5	0.0
15	QPSK	75	0		18.33			
15	16QAM	1	1		18.28		19.5	0.0
15	64QAM	1	1		18.29		19.5	0.0
15	256QAM	1	1		18.34		19.5	0.0
Channel				340000	340500	341000	Tune-up limit	MPR
Frequency (MHz)				1700	1702.5	1705	(dBm)	(dB)
10	QPSK	1	1	18.29	18.22	18.28	17.5	0.0
Channel				339500	340500	341500	Tune-up limit	MPR
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)	(dB)
5	QPSK	1	1	18.19	18.20	18.29	17.5	0.0

Part27Q n78 HPUE Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
100	PQ2 BPSK	1	1		18.01		19.0	0.0	
100	PQ2 BPSK	1	137		17.95				
100	PQ2 BPSK	1	271		17.94				
100	PQ2 BPSK	135	0		18.04		19.0	0.0	
100	PQ2 BPSK	135	69		17.98		19.0	0.0	
100	PQ2 BPSK	135	138		18.01		19.0	0.0	
100	PQ2 BPSK	270	0		17.97				
100	QPSK	1	1		18.10				
100	QPSK	1	137		17.98		19.0	0.0	
100	QPSK	1	271		18.02				
100	QPSK	135	0		17.90		19.0	0.0	
100	QPSK	135	69		17.99		19.0	0.0	
100	QPSK	135	138		17.97		19.0	0.0	
100	QPSK	270	0		17.95		19.0	0.0	
100	16QAM	1	1		18.02		19.0	0.0	
100	64QAM	1	1		17.92		19.0	0.0	
100	256QAM	1	1		17.96		19.0	0.0	
Channel				649968	650000	650034	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		18.05	18.02	18.00	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		18.02	17.92	17.89	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735.02	3750	3770.01			
70	QPSK	1	1		17.98	18.03	17.89	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		17.90	17.93	17.85	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		17.88	17.94	17.96	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		18.05	18.01	18.00	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3765.01			
30	QPSK	1	1		17.95	17.92	17.92	19.0	0.0
Channel				647300	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3760.02			
25	QPSK	1	1		18.02	17.97	17.95	19.0	0.0
Channel				646934	650000	652966	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705.02	3750	3765.01			
20	QPSK	1	1		17.95	17.96	17.91	19.0	0.0
Channel				647168	650000	653234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3700.02	3750	3760.01			
15	QPSK	1	1		17.97	17.97	17.91	19.0	0.0
Channel				647000	650000	653500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		17.99	17.96	17.96	19.0	0.0

Part27Q 78 HPUE 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				633334	633334			
Frequency (MHz)					3500.01			
100	PQ2 BPSK	1	1		17.40		19.0	0.0
100	PQ2 BPSK	1	137		17.42			
100	PQ2 BPSK	1	271		17.39			
100	PQ2 BPSK	135	0		17.43		19.0	0.0
100	PQ2 BPSK	135	69		17.31		19.0	0.0
100	PQ2 BPSK	135	138		17.47		19.0	0.0
100	PQ2 BPSK	270	0		17.40			
100	QPSK	1	1		17.49			
100	QPSK	1	137		17.36		19.0	0.0
100	QPSK	1	271		17.31			
100	QPSK	135	0		17.34		19.0	0.0
100	QPSK	135	69		17.48		19.0	0.0
100	QPSK	135	138		17.46			
100	QPSK	270	0		17.34		19.0	0.0
100	16QAM	1	1		17.48		19.0	0.0
100	64QAM	1	1		17.44		19.0	0.0
100	256QAM	1	1		17.47		19.0	0.0
Channel				633300	633334	633668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.44	17.37	17.39	19.0	0.0
Channel				630668	633334	634000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.37	17.32	17.28	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.41	17.32	17.30	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.33	17.30	17.32	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.34	17.36	17.29	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.35	17.36	17.36	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.38	17.29	17.30	19.0	0.0
Channel				630668	633334	635834	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3460.01	3500.01	3537.51		
25	QPSK	1	1	17.35	17.37	17.36	19.0	0.0
Channel				630334	633334	636000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3455	3500.01	3540.02		
20	QPSK	1	1	17.36	17.30	17.40	19.0	0.0
Channel				630000	633334	636168	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3450.01	3500.01	3545.02		
15	QPSK	1	1	17.41	17.34	17.30	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.42	17.29	17.26	19.0	0.0

n41 HPUE Ant 8									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506002	518598	526000			
Frequency (MHz)				2541.01	2592.99	2640			
100	PI2 BPSK	1	1	14.62	14.73	14.72			
100	PI2 BPSK	1	137	14.67	14.69	14.66	16.0	0.0	
100	PI2 BPSK	1	271	14.61	14.69	14.73			
100	PI2 BPSK	135	0	14.71	14.68	14.71	16.0	0.0	
100	PI2 BPSK	135	69	14.62	14.74	14.69	16.0	0.0	
100	PI2 BPSK	135	138	14.61	14.70	14.69			
100	PI2 BPSK	270	0	14.66	14.73	14.74	16.0	0.0	
100	QPSK	1	1	14.80	14.85	14.82			
100	QPSK	1	137	14.61	14.67	14.73	16.0	0.0	
100	QPSK	1	271	14.67	14.75	14.77			
100	QPSK	135	0	14.66	14.76	14.68	16.0	0.0	
100	QPSK	135	69	14.77	14.91	14.72	16.0	0.0	
100	QPSK	135	138	14.63	14.73	14.65	16.0	0.0	
100	QPSK	270	0	14.73	14.80	14.75			
100	16QAM	1	1	14.63	14.73	14.72	16.0	0.0	
100	64QAM	1	1	14.69	14.68	14.72	16.0	0.0	
100	256QAM	1	1	14.61	14.73	14.76	16.0	0.0	
Channel				507200	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	14.67	14.71	14.73	16.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2638.02	2592.99	2648.99			
80	QPSK	1	1	14.64	14.70	14.66	16.0	0.0	
Channel				508200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2639.98			
60	QPSK	1	1	14.64	14.63	14.67	16.0	0.0	
Channel				508204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02	2592.99	2664.99			
50	QPSK	1	1	14.61	14.64	14.67	16.0	0.0	
Channel				508208	518598	533998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2616.01	2592.99	2670			
40	QPSK	1	1	14.58	14.64	14.67	16.0	0.0	
Channel				508200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2611	2592.99	2674.98			
30	QPSK	1	1	14.56	14.65	14.67	16.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	14.44	14.63	14.63	16.0	0.0	
Channel				501200	518598	536998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	14.67	14.69	14.67	16.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2601.01	2592.99	2686			
10	QPSK	1	1	14.61	14.68	14.70	16.0	0.0	

Par270 n77 HPUE Ant 8									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3900			
100	PI2 BPSK	1	1	13.30	13.46	13.37			
100	PI2 BPSK	1	137	13.32	13.41	13.34	14.5	0.0	
100	PI2 BPSK	1	271	13.34	13.45	13.38			
100	PI2 BPSK	135	0	13.28	13.44	13.31	14.5	0.0	
100	PI2 BPSK	135	69	13.31	13.45	13.38			
100	PI2 BPSK	135	138	13.35	13.40	13.36	14.5	0.0	
100	PI2 BPSK	270	0	13.34	13.42	13.41			
100	QPSK	1	1	13.45	13.55	13.47			
100	QPSK	1	137	13.31	13.50	13.38	14.5	0.0	
100	QPSK	1	271	13.25	13.49	13.32			
100	QPSK	135	0	13.34	13.39	13.38	14.5	0.0	
100	QPSK	135	69	13.35	13.52	13.45	14.5	0.0	
100	QPSK	135	138	13.35	13.44	13.42	14.5	0.0	
100	QPSK	270	0	13.35	13.51	13.43			
100	16QAM	1	1	13.34	13.40	13.37	14.5	0.0	
100	64QAM	1	1	13.32	13.48	13.36	14.5	0.0	
100	256QAM	1	1	13.30	13.45	13.32	14.5	0.0	
Channel				650500	656000	662500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3905.01			
90	QPSK	1	1	13.25	13.41	13.36	14.5	0.0	
Channel				649334	656000	662068	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.91	3840	3900.02			
80	QPSK	1	1	13.20	13.31	13.24	14.5	0.0	
Channel				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3905			
70	QPSK	1	1	13.17	13.32	13.20	14.5	0.0	
Channel				646668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3900.01			
60	QPSK	1	1	13.23	13.39	13.30	14.5	0.0	
Channel				645334	656000	662068	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.91	3840	3905.02			
50	QPSK	1	1	13.13	13.36	13.23	14.5	0.0	
Channel				644000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3905			
40	QPSK	1	1	13.22	13.32	13.26	14.5	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3905.01			
30	QPSK	1	1	13.14	13.35	13.29	14.5	0.0	
Channel				647000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3907.5			
25	QPSK	1	1	13.13	13.35	13.32	14.5	0.0	
Channel				647334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.91	3840	3907.02			
20	QPSK	1	1	13.21	13.35	13.23	14.5	0.0	
Channel				647668	656000	664634	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.92	3840	3912.51			
15	QPSK	1	1	13.12	13.26	13.23	14.5	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3915			
10	QPSK	1	1	13.11	13.37	13.28	14.5	0.0	

n30 Ant 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PV2 BPSK	1	1		15.99			
10	PV2 BPSK	1	26		15.91		17.0	0.0
10	PV2 BPSK	1	50		15.93			
10	PV2 BPSK	25	0		15.89		17.0	0.0
10	PV2 BPSK	25	14		15.89		17.0	0.0
10	PV2 BPSK	25	27		15.94			
10	PV2 BPSK	50	0		15.99		17.0	0.0
10	QPSK	1	1		16.08			
10	QPSK	1	26		15.96		17.0	0.0
10	QPSK	1	50		15.94			
10	QPSK	25	0		16.00		17.0	0.0
10	QPSK	25	14		16.05		17.0	0.0
10	QPSK	25	27		15.97			
10	QPSK	50	0		16.03		17.0	0.0
10	16QAM	1	1		15.91		17.0	0.0
10	64QAM	1	1		15.96		17.0	0.0
10	256QAM	1	1		15.98		17.0	0.0
Channel				461500	462000	462500	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	1	15.98	16.01	15.95	17.0	0.0

Reduced Power Mode for Sensor on ENDC

n2 Ant 1 NSA									
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	17.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	16.06	16.21	16.10			
20	PI/2 BPSK	1	53	16.09	16.18	16.09	17.0	0.0	
20	PI/2 BPSK	1	104	16.07	16.11	16.10			
20	PI/2 BPSK	50	0	16.02	16.19	16.16			
20	PI/2 BPSK	50	28	16.06	16.22	16.16	17.0	0.0	
20	PI/2 BPSK	50	56	16.03	16.22	16.17			
20	PI/2 BPSK	100	0	16.08	16.15	16.16			
20	QPSK	1	1	16.02	16.29	16.08	17.0	0.0	
20	QPSK	1	53	16.07	16.21	16.09			
20	QPSK	1	104	16.03	16.11	16.15			
20	QPSK	50	0	16.07	16.13	16.19	17.0	0.0	
20	QPSK	50	28	16.02	16.20	16.14			
20	QPSK	50	56	16.08	16.18	16.09			
20	QPSK	100	0	16.04	16.18	16.14	17.0	0.0	
20	16QAM	1	1	16.06	16.19	16.14			
20	64QAM	1	1	16.08	16.20	16.10			
20	256QAM	1	1	16.06	16.23	16.11	17.0	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	15.92	16.17	15.93	17.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	15.88	16.04	15.89	17.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	15.83	16.14	15.80	17.0	0.0	
Channel									
Frequency (MHz)									

n5 Ant 1 NSA									
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	20.5	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	20.04	20.13	20.02			
20	PI/2 BPSK	1	53	20.07	20.03	20.06	20.5	0.0	
20	PI/2 BPSK	1	104	20.06	20.09	19.99			
20	PI/2 BPSK	50	0	20.06	20.05	20.01			
20	PI/2 BPSK	50	28	20.04	20.07	20.03	20.5	0.0	
20	PI/2 BPSK	50	56	20.01	20.03	19.98			
20	PI/2 BPSK	100	0	20.06	20.10	20.02			
20	QPSK	1	1	20.10	20.14	19.96	20.5	0.0	
20	QPSK	1	53	20.03	20.12	19.95			
20	QPSK	1	104	20.01	20.12	20.05			
20	QPSK	50	0	20.11	20.07	20.06	20.5	0.0	
20	QPSK	50	28	20.01	20.12	19.97			
20	QPSK	50	56	20.10	20.10	20.02			
20	QPSK	100	0	20.01	20.03	19.98	20.5	0.0	
20	16QAM	1	1	20.08	20.04	20.06			
20	64QAM	1	1	20.11	20.08	19.96			
20	256QAM	1	1	19.06	19.10	19.00	19.5	1.0	
Channel				166300	167300	168300			
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	40	19.95	19.99	19.88	20.5	0.0	
Channel				165800	167300	168800			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	26	19.90	19.89	19.75	20.5	0.0	
Channel				165300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	13	19.82	19.96	19.76	20.5	0.0	
Channel									
Frequency (MHz)									

n25 Ant 1 NSA								
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	16.22	16.42	16.30	17.0	0.0
40	PI/2 BPSK	1	108	16.20	16.32	16.21		
40	PI/2 BPSK	1	214	16.22	16.22	16.21		
40	PI/2 BPSK	108	0	16.14	16.37	16.26	17.0	0.0
40	PI/2 BPSK	108	54	16.23	16.32	16.32	17.0	0.0
40	PI/2 BPSK	108	108	16.22	16.33	16.37	17.0	0.0
40	PI/2 BPSK	216	0	16.26	16.32	16.25		
40	QPSK	1	1	16.13	16.46	16.21	17.0	0.0
40	QPSK	1	108	16.18	16.37	16.21		
40	QPSK	1	214	16.16	16.24	16.35		
40	QPSK	108	0	16.21	16.41	16.40	17.0	0.0
40	QPSK	108	54	16.17	16.31	16.24	17.0	0.0
40	QPSK	108	108	16.20	16.33	16.25	17.0	0.0
40	QPSK	216	0	16.22	16.37	16.25		
40	16QAM	1	1	16.24	16.31	16.23	17.0	0.0
40	64QAM	1	1	16.22	16.36	16.24	17.0	0.0
40	256QAM	1	1	16.26	16.37	16.28	17.0	0.0
Channel				373000	376500	380000	Tuneup limit (dbm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.99	16.31	16.12		
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.91	16.19	15.99		
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.92	16.17	16.06		
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.92	16.27	16.03		
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.90	16.19	15.99		
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.96	16.26	15.98		

n66 Ant 1 NSA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	17.32	17.49	17.35		18.5	
40	PI/2 BPSK	1	108	17.41	17.43	17.34			
40	PI/2 BPSK	1	214	17.33	17.44	17.27			
40	PI/2 BPSK	108	0	17.34	17.48	17.27	18.5	0.0	
40	PI/2 BPSK	108	54	17.35	17.44	17.38	18.5	0.0	
40	PI/2 BPSK	108	108	17.36	17.45	17.28	18.5	0.0	
40	PI/2 BPSK	216	0	17.33	17.38	17.35			
40	QPSK	1	1	17.36	17.51	17.38			
40	QPSK	1	108	17.35	17.48	17.37	18.5	0.0	
40	QPSK	1	214	17.36	17.47	17.33	18.5	0.0	
40	QPSK	108	0	17.35	17.41	17.32			
40	QPSK	108	54	17.32	17.49	17.31			
40	QPSK	108	108	17.43	17.38	17.27	18.5	0.0	
40	QPSK	216	0	17.40	17.48	17.29	18.5	0.0	
40	16QAM	1	1	17.40	17.42	17.37			
40	64QAM	1	1	17.36	17.41	17.28		0.0	
40	256QAM	1	1	17.36	17.41	17.28	18.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	17.29	17.22	17.32		18.5	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	17.22	17.12	17.19		18.5	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	17.22	17.16	17.26		18.5	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	17.21	17.16	17.25		18.5	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	17.15	17.16	17.27		18.5	

n71 Ant 1 NSA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	24.26	24.40	24.35		25.0	
20	PI/2 BPSK	1	53	24.17	24.28	24.16			
20	PI/2 BPSK	1	104	24.30	24.33	24.32			
20	PI/2 BPSK	50	0	23.98	23.99	24.01	24.5	0.5	
20	PI/2 BPSK	50	28	24.34	24.27	24.29	25.0	0.0	
20	PI/2 BPSK	50	56	23.90	23.94	23.89	24.5	0.5	
20	PI/2 BPSK	100	0	23.90	23.89	23.91			
20	QPSK	1	1	24.43	24.44	24.38			
20	QPSK	1	53	24.29	24.36	24.32	25.0	0.0	
20	QPSK	1	104	24.35	24.41	24.34			
20	QPSK	50	0	23.38	23.46	23.46	24.0	1.0	
20	QPSK	50	28	24.29	24.36	24.28	25.0	0.0	
20	QPSK	50	56	23.39	23.45	23.50	24.0	1.0	
20	QPSK	100	0	23.40	23.54	23.47			
20	16QAM	1	1	23.40	23.38	23.38	24.0	1.0	
20	64QAM	1	1	21.89	22.01	21.87	22.5	2.5	
20	256QAM	1	1	19.90	19.98	19.93	20.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.28	24.38	24.26		25.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.32	24.42	24.30		25.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.26	24.39	24.25		25.0	

n41 HPUE Ant 1 NSA								
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)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.87	20.99	21.00	21.5	0.0
100	PI/2 BPSK	1	137	20.92	20.96	21.00		
100	PI/2 BPSK	1	271	20.92	20.96	20.94		
100	PI/2 BPSK	135	0	20.87	20.95	20.96		
100	PI/2 BPSK	135	69	20.95	20.98	21.01	21.5	0.0
100	PI/2 BPSK	135	138	20.89	20.96	20.99	21.5	0.0
100	PI/2 BPSK	270	0	20.94	20.96	20.90		
100	QPSK	1	1	20.92	21.09	20.98	21.5	0.0
100	QPSK	1	137	20.94	21.00	20.98		
100	QPSK	1	271	20.91	21.00	20.94		
100	QPSK	135	0	20.86	21.02	20.94		
100	QPSK	135	69	20.88	21.06	21.00	21.5	0.0
100	QPSK	135	138	20.95	21.05	21.00	21.5	0.0
100	QPSK	270	0	20.88	21.02	20.92		
100	16QAM	1	1	20.92	21.05	20.92	21.5	0.0
100	64QAM	1	1	20.96	21.05	20.92	21.5	0.0
100	256QAM	1	1	20.90	21.02	20.93	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.86	20.97	20.94	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.75	20.89	20.81	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.78	20.94	20.90	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.74	20.92	20.92	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.77	20.94	20.80	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.75	20.89	20.82	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.81	20.84	20.88	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.80	20.84	20.92	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.82	20.94	20.82	21.5	0.0

n2 Ant 2 NSA									
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	19.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	17.97	18.08	18.03			
20	PI/2 BPSK	1	53	18.04	18.07	18.03	19.0	0.0	
20	PI/2 BPSK	1	104	18.04	18.17	18.02			
20	PI/2 BPSK	50	0	18.03	18.08	18.00			
20	PI/2 BPSK	50	28	17.93	18.16	18.01	19.0	0.0	
20	PI/2 BPSK	50	56	17.94	18.13	18.05			
20	PI/2 BPSK	100	0	17.97	18.12	17.96			
20	QPSK	1	1	18.16	18.24	18.20	19.0	0.0	
20	QPSK	1	53	18.00	18.15	17.96			
20	QPSK	1	104	17.93	18.13	18.02			
20	QPSK	50	0	17.94	18.10	17.97	19.0	0.0	
20	QPSK	50	28	18.12	18.21	18.12			
20	QPSK	50	56	18.01	18.08	18.03			
20	QPSK	100	0	18.06	18.20	18.08	19.0	0.0	
20	16QAM	1	1	17.97	18.10	18.02			
20	64QAM	1	1	18.00	18.10	17.96			
20	256QAM	1	1	18.03	18.09	18.06	19.0	0.0	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	17.96	18.17	18.01	19.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	17.92	18.04	17.91	19.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	17.84	18.06	17.87	19.0	0.0	
Channel									
Frequency (MHz)									

n66 Ant 2 NSA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	20.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	18.87	18.90	18.87			
40	PI/2 BPSK	1	108	18.83	18.81	18.82	20.0	0.0	
40	PI/2 BPSK	1	214	18.88	18.90	18.77			
40	PI/2 BPSK	108	0	18.80	18.84	18.82			
40	PI/2 BPSK	108	54	18.87	18.82	18.85	20.0	0.0	
40	PI/2 BPSK	108	108	18.91	18.85	18.89			
40	PI/2 BPSK	216	0	18.87	18.90	18.87			
40	QPSK	1	1	18.92	18.97	18.91	20.0	0.0	
40	QPSK	1	108	18.89	18.92	18.86			
40	QPSK	1	214	18.86	18.86	18.79			
40	QPSK	108	0	18.91	18.83	18.86	20.0	0.0	
40	QPSK	108	54	18.90	18.95	18.86			
40	QPSK	108	108	18.82	18.90	18.88			
40	QPSK	216	0	18.91	18.92	18.88	20.0	0.0	
40	16QAM	1	1	18.82	18.91	18.82			
40	64QAM	1	1	18.84	18.91	18.85			
40	256QAM	1	1	18.91	18.83	18.81	20.0	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.89	18.83	18.87	20.0	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	18.82	18.78	18.73	20.0	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.84	18.70	18.78	20.0	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.76	18.69	18.80	20.0	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.79	18.75	18.74	20.0	0.0	
Channel									
Frequency (MHz)									

n41 HPUE Ant 8 NSA									
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				2546.01	2592.99	2640			
Frequency (MHz)				5090.02	5189.98	5280.00			
100	Pi2 BPSK	1	1	12.59	12.84	12.82		14.0	0.0
100	Pi2 BPSK	1	137	12.58	12.87	12.83			
100	Pi2 BPSK	1	271	12.49	12.79	12.83			
100	Pi2 BPSK	135	0	12.51	12.84	12.84	14.0		
100	Pi2 BPSK	136	69	12.55	12.81	12.85	14.0	14.0	0.0
100	Pi2 BPSK	136	136	12.58	12.78	12.88			
100	Pi2 BPSK	270	0	12.59	12.81	12.88			
100	QPSK	1	1	12.58	12.99	12.82			
100	QPSK	1	197	12.56	12.84	12.88		14.0	0.0
100	QPSK	1	271	12.56	12.86	12.89			
100	QPSK	136	0	12.57	12.93	12.84	14.0		
100	QPSK	136	69	12.55	12.90	12.86			
100	QPSK	270	0	12.56	12.95	12.78		14.0	0.0
100	16QAM	1	1	12.55	12.87	12.78	14.0		
100	64QAM	1	1	12.56	12.89	12.85	14.0		
100	256QAM	1	1	12.58	12.90	12.85	14.0		
Channel				5062.00	5189.98	5309.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	14.0		
90	QPSK	1	1	12.51	12.70	12.75		14.0	0.0
Channel				5072.04	5189.98	5259.98			
Frequency (MHz)				2636.02	2592.99	2649.98			
80	QPSK	1	1	12.48	12.65	12.70	14.0		
Channel				5050.00	5189.98	5319.96			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	12.39	12.63	12.62	14.0	14.0	0.0
Channel				5043.04	5189.98	5329.98			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	12.40	12.64	12.67	14.0		
Channel				5032.02	5189.98	5350.00			
Frequency (MHz)				2518.01	2592.99	2670			
40	QPSK	1	1	12.45	12.61	12.73	14.0	14.0	0.0
Channel				5020.00	5189.98	5369.98			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	12.41	12.57	12.67	14.0		
Channel				5010.04	5189.98	5399.98			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	12.39	12.60	12.68	14.0	14.0	0.0
Channel				5000.00	5189.98	5379.99			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	12.42	12.59	12.66	14.0		
Channel				5000.02	5189.98	5370.00			
Frequency (MHz)				2501.01	2592.98	2685			
10	QPSK	1	1	12.43	12.61	12.63	14.0	14.0	0.0

Par270 n77 HPUE Ant 8 NSA									
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				6500.00	6500.00	6600.00			
Frequency (MHz)				3750	3840	3930			
100	Pi2 BPSK	1	1	11.30	11.45	11.37		12.5	0.0
100	Pi2 BPSK	1	137	11.32	11.41	11.34			
100	Pi2 BPSK	1	271	11.34	11.45	11.38			
100	Pi2 BPSK	135	0	11.28	11.44	11.31	12.5		
100	Pi2 BPSK	135	69	11.31	11.45	11.39	12.5	12.5	0.0
100	Pi2 BPSK	136	136	11.35	11.40	11.36			
100	Pi2 BPSK	270	0	11.34	11.42	11.41			
100	QPSK	1	1	11.45	11.55	11.47			
100	QPSK	1	157	11.31	11.50	11.33	12.5	12.5	0.0
100	QPSK	1	271	11.26	11.48	11.32			
100	QPSK	135	0	11.34	11.39	11.38	12.5		
100	QPSK	135	69	11.35	11.52	11.45	12.5		
100	QPSK	136	136	11.36	11.44	11.42	12.5	1.0	
100	QPSK	270	0	11.35	11.51	11.43			
100	16QAM	1	1	11.34	11.40	11.37	12.5		
100	64QAM	1	1	11.32	11.46	11.36	12.5		
100	256QAM	1	1	11.30	11.46	11.39	12.5	0.0	
Channel				6499.98	6500.00	6623.94	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	11.25	11.41	11.36	12.5	0.0	
Channel				6493.34	6500.00	6606.68	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	11.13	11.38	11.32	12.5	0.0	
Channel				6490.00	6500.00	6630.00	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	11.13	11.38	11.30	12.5	0.0	
Channel				6486.68	6500.00	6633.34	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	11.20	11.38	11.25	12.5	0.0	
Channel				6483.35	6500.00	6635.68	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	11.15	11.38	11.25	12.5	0.0	
Channel				6480.00	6500.00	6640.00	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	11.13	11.30	11.26	12.5	0.0	
Channel				6476.68	6500.00	6643.34	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	11.13	11.33	11.26	12.5	0.0	
Channel				6470.00	6500.00	6645.00	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	11.23	11.32	11.33	12.5	0.0	
Channel				6473.33	6500.00	6646.68	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	11.17	11.28	11.23	12.5	0.0	
Channel				6471.68	6500.00	6648.34	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	11.14	11.36	11.31	12.5	0.0	
Channel				6470.00	6500.00	6650.00	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	11.17	11.28	11.33	12.5	0.0	

n30 Ant 9 NSA								
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	PV2 BPSK	1	1		15.99			
10	PV2 BPSK	1	26		15.91		17.0	0.0
10	PV2 BPSK	1	50		15.93			
10	PV2 BPSK	25	0		15.89		17.0	0.0
10	PV2 BPSK	25	14		15.89		17.0	0.0
10	PV2 BPSK	25	27		15.94			
10	PV2 BPSK	50	0		15.99		17.0	0.0
10	QPSK	1	1		16.08			
10	QPSK	1	26		15.96		17.0	0.0
10	QPSK	1	50		15.94			
10	QPSK	25	0		16.00		17.0	0.0
10	QPSK	25	14		16.05		17.0	0.0
10	QPSK	25	27		15.97			
10	QPSK	50	0		16.03		17.0	0.0
10	16QAM	1	1		15.91		17.0	0.0
10	64QAM	1	1		15.96		17.0	0.0
10	256QAM	1	1		15.98		17.0	0.0
Channel				461500	462000	462500	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	1	15.98	16.01	15.95	17.0	0.0

Part270 n78 HPUE Ant 9 NSA									
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	19.0	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		18.14				
100	PI/2 BPSK	1	137		18.12				
100	PI/2 BPSK	1	271		18.20		19.0	0.0	
100	PI/2 BPSK	135	0		18.17				
100	PI/2 BPSK	135	69		18.29				
100	PI/2 BPSK	135	138		18.27				
100	PI/2 BPSK	270	0		18.22		19.0	0.0	
100	QPSK	1	1		18.35		19.0	0.0	
100	QPSK	1	137		18.29				
100	QPSK	1	271		18.18				
100	QPSK	135	0		18.23				
100	QPSK	135	69		18.30		19.0	0.0	
100	QPSK	135	138		18.21		19.0	0.0	
100	QPSK	270	0		18.22		19.0	0.0	
100	16QAM	1	1		18.27		19.0	0.0	
100	64QAM	1	1		18.27		19.0	0.0	
100	256QAM	1	1		18.15		19.0	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	18.23	18.25	18.18	19.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	18.23	18.25	18.26	19.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	18.18	18.23	18.16	19.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	18.19	18.22	18.25	19.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	18.18	18.15	18.17	19.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	18.25	18.16	18.26	19.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	18.15	18.15	18.22	19.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	18.17	18.26	18.25	19.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	18.17	18.19	18.19	19.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	18.24	18.24	18.18	19.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	18.17	18.22	18.15	19.0	0.0	

Part27Q 78 HPUE Ant 9 NSA									
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		633334	19.0	0.0	
Frequency (MHz)				3495		3500.01			
100	PI/2 BPSK	1	1		17.22				
100	PI/2 BPSK	1	137		17.33				
100	PI/2 BPSK	1	271		17.29		19.0	0.0	
100	PI/2 BPSK	135	0		17.21				
100	PI/2 BPSK	135	69		17.29				
100	PI/2 BPSK	135	138		17.28				
100	PI/2 BPSK	270	0		17.23		19.0	0.0	
100	QPSK	1	1		17.39		19.0	0.0	
100	QPSK	1	137		17.16				
100	QPSK	1	271		17.28				
100	QPSK	135	0		17.23				
100	QPSK	135	69		17.31		19.0	0.0	
100	QPSK	135	138		17.21		19.0	0.0	
100	QPSK	270	0		17.34		19.0	0.0	
100	16QAM	1	1		17.21		19.0	0.0	
100	64QAM	1	1		17.21		19.0	0.0	
100	256QAM	1	1		17.27		19.0	0.0	
Channel				633000	633334	633668	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)	
90	QPSK	1	1	17.26	17.35	17.25	19.0	0.0	
Channel				632668	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	1	17.33	17.33	17.29	19.0	0.0	
Channel				632334	633334	634334	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)	
70	QPSK	1	1	17.28	17.23	17.33	19.0	0.0	
Channel				632000	633334	634668	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)	
60	QPSK	1	1	17.33	17.25	17.30	19.0	0.0	
Channel				631668	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	1	17.31	17.26	17.27	19.0	0.0	
Channel				631334	633334	635334	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)	
40	QPSK	1	1	17.32	17.25	17.27	19.0	0.0	
Channel				631000	633334	635668	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)	
30	QPSK	1	1	17.32	17.33	17.32	19.0	0.0	
Channel				630834	633334	635834	Tune-up limit	MPR	
Frequency (MHz)				3462.51	3500.01	3537.51	(dBm)	(dB)	
25	QPSK	1	1	17.27	17.34	17.26	19.0	0.0	
Channel				630668	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	1	17.33	17.26	17.28	19.0	0.0	
Channel				630500	633334	636168	Tune-up limit	MPR	
Frequency (MHz)				3455.5	3500.01	3542.52	(dBm)	(dB)	
15	QPSK	1	1	17.27	17.34	17.31	19.0	0.0	
Channel				630334	633334	636334	Tune-up limit	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)	
10	QPSK	1	1	17.24	17.33	17.35	19.0	0.0	

<Bluetooth>		Ant3 Full Power				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	7.81	6.29	6.30	8.0
	CH 39	2441	7.18	5.64	5.69	7.5
	CH 78	2480	6.92	5.36	5.40	7.0

BLE 1M			Ant3 Full Power	
Mode	Channel	Frequency (Mhz)	Average power (dBm)	Tune-up Limit
			GFSK	
LE	CH 00	2402	7.62	8.0
	CH 19	2440	6.64	8.0
	CH 39	2480	6.66	8.0

BLE 2M			Ant3 Full Power	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
			GFSK	
LE	CH 01	2404	7.78	8.0
	CH 19	2440	7.07	8.0
	CH 38	2478	6.80	8.0

LORA-DTS-500K		Ant8 Full Power	
Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
		500k	
CH 1	904	27.95	28.5
CH 12	915	27.41	28.5
CH 23	926	26.77	28.5

<Bluetooth>		Ant4 Full Power				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	8.48	7.00	7.04	8.5
	CH 39	2441	8.15	6.61	6.58	8.5
	CH 78	2480	7.72	6.03	6.06	8.0

BLE 1M			Ant4 Full Power	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
			GFSK	
LE	CH 00	2402	8.31	8.5
	CH 19	2440	8.10	8.5
	CH 39	2480	7.46	8.0

BLE 2M			Ant4 Full Power	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
			GFSK	
LE	CH 01	2404	8.42	8.5
	CH 19	2440	7.95	8.5
	CH 38	2478	7.56	8.0

LORA-DTS-500K		Ant8 For Body-worn&Hotspot	
Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
		500k	
CH 1	904	26.48	27.0
CH 12	915	25.96	27.0
CH 23	926	25.25	27.0