<LTE Band 38_HPUE_Ant 0_Index 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.16	21.05	21.08	22.7
20	QPSK	1	49	21.07	20.96	20.98	
20	QPSK	1	99	21.14	21.04	21.06	
20	QPSK	50	0	21.28	21.15	21.16	22.7
20	QPSK	50	24	21.26	21.14	21.14	
20	QPSK	50	50	21.24	21.11	21.13	
20	QPSK	100	0	21.25	21.13	21.13	
20	16QAM	1	0	21.48	21.36	21.39	22.7
20	16QAM	1	49	21.36	21.24	21.29	
20	16QAM	1	99	21.46	21.35	21.38	
20	16QAM	50	0	21.30	21.19	21.19	22.7
20	16QAM	50	24	21.30	21.17	21.19	
20	16QAM	50	50	21.29	21.17	21.18	
20	16QAM	100	0	21.27	21.16	21.17	
20	64QAM	1	0	21.33	21.19	21.22	22.7
20	64QAM	1	49	21.22	21.11	21.13	
20	64QAM	1	99	21.27	21.17	21.20	
20	64QAM	50	0	21.28	21.16	21.17	22.7
20	64QAM	50	24	21.25	21.15	21.16	
20	64QAM	50	50	21.28	21.16	21.16	
20	64QAM	100	0	21.26	21.16	21.18	
20	256QAM	1	0	20.27	20.20	20.21	21.5
20	256QAM	1	49	20.35	20.20	20.30	
20	256QAM	1	99	20.22	20.30	20.19	
20	256QAM	50	0	20.26	20.37	20.38	21.5
20	256QAM	50	24	20.27	20.26	20.33	
20	256QAM	50	50	20.40	20.36	20.27	
20	256QAM	100	0	20.16	20.33	20.35	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.10	20.99	21.07	22.7
15	QPSK	1	37	20.97	20.96	20.96	
15	QPSK	1	74	21.13	21.01	21.00	
15	QPSK	36	0	21.25	21.12	21.11	22.7
15	QPSK	36	20	21.19	21.12	21.14	
15	QPSK	36	39	21.14	21.04	21.12	
15	QPSK	75	0	21.18	21.11	21.04	
15	16QAM	1	0	21.42	21.29	21.30	22.7
15	16QAM	1	37	21.27	21.15	21.20	
15	16QAM	1	74	21.37	21.32	21.36	
15	16QAM	36	0	21.25	21.11	21.18	22.7
15	16QAM	36	20	21.21	21.14	21.12	
15	16QAM	36	39	21.27	21.12	21.08	
15	16QAM	75	0	21.20	21.15	21.13	
15	64QAM	1	0	21.24	21.16	21.19	22.7
15	64QAM	1	37	21.22	21.03	21.12	
15	64QAM	1	74	21.24	21.08	21.11	
15	64QAM	36	0	21.22	21.16	21.13	22.7
15	64QAM	36	20	21.25	21.11	21.14	
15	64QAM	36	39	21.18	21.11	21.12	
15	64QAM	75	0	21.17	21.11	21.08	
15	256QAM	1	0	20.22	20.10	20.21	21.5
15	256QAM	1	37	20.31	20.18	20.25	
15	256QAM	1	74	20.18	20.21	20.09	
15	256QAM	36	0	20.25	20.28	20.35	21.5

15	256QAM	36	20	20.18	20.22	20.29	
15	256QAM	36	39	20.33	20.32	20.27	
15	256QAM	75	0	20.08	20.33	20.27	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.10	21.03	21.03	22.7
10	QPSK	1	25	21.00	20.93	20.95	
10	QPSK	1	49	21.14	21.00	20.96	
10	QPSK	25	0	21.26	21.13	21.16	22.7
10	QPSK	25	12	21.24	21.10	21.11	
10	QPSK	25	25	21.20	21.02	21.13	
10	QPSK	50	0	21.22	21.08	21.08	
10	16QAM	1	0	21.46	21.31	21.37	22.7
10	16QAM	1	25	21.28	21.14	21.27	
10	16QAM	1	49	21.39	21.26	21.32	
10	16QAM	25	0	21.29	21.19	21.13	22.7
10	16QAM	25	12	21.24	21.11	21.19	
10	16QAM	25	25	21.21	21.15	21.08	
10	16QAM	50	0	21.26	21.12	21.08	
10	64QAM	1	0	21.33	21.13	21.20	22.7
10	64QAM	1	25	21.21	21.09	21.04	
10	64QAM	1	49	21.24	21.15	21.18	
10	64QAM	25	0	21.19	21.16	21.11	22.7
10	64QAM	25	12	21.15	21.11	21.15	
10	64QAM	25	25	21.19	21.09	21.14	
10	64QAM	50	0	21.19	21.12	21.08	
10	256QAM	1	0	20.24	20.15	20.17	21.5
10	256QAM	1	25	20.35	20.13	20.30	
10	256QAM	1	49	20.22	20.20	20.14	
10	256QAM	25	0	20.26	20.34	20.33	21.5
10	256QAM	25	12	20.18	20.25	20.27	
10	256QAM	25	25	20.32	20.28	20.19	
10	256QAM	50	0	20.14	20.33	20.31	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.07	20.99	21.05	22.7
5	QPSK	1	12	20.99	20.90	20.90	
5	QPSK	1	24	21.08	20.96	21.06	
5	QPSK	12	0	21.27	21.12	21.09	22.7
5	QPSK	12	7	21.25	21.05	21.13	
5	QPSK	12	13	21.14	21.04	21.13	
5	QPSK	25	0	21.23	21.09	21.13	
5	16QAM	1	0	21.38	21.36	21.33	22.7
5	16QAM	1	12	21.29	21.14	21.29	
5	16QAM	1	24	21.40	21.32	21.36	
5	16QAM	12	0	21.26	21.15	21.14	22.7
5	16QAM	12	7	21.20	21.14	21.14	
5	16QAM	12	13	21.25	21.14	21.14	
5	16QAM	25	0	21.24	21.13	21.15	
5	64QAM	1	0	21.24	21.15	21.15	22.7
5	64QAM	1	12	21.19	21.10	21.07	
5	64QAM	1	24	21.21	21.17	21.18	
5	64QAM	12	0	21.23	21.07	21.08	22.7
5	64QAM	12	7	21.16	21.05	21.13	
5	64QAM	12	13	21.20	21.16	21.14	
5	64QAM	25	0	21.26	21.09	21.08	
5	256QAM	1	0	20.26	20.11	20.12	21.5
5	256QAM	1	12	20.26	20.12	20.24	
5	256QAM	1	24	20.14	20.24	20.19	
5	256QAM	12	0	20.20	20.33	20.30	21.5
5	256QAM	12	7	20.26	20.16	20.23	
5	256QAM	12	13	20.38	20.32	20.24	
5	256QAM	25	0	20.13	20.26	20.30	

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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)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.80	23.64	23.67	25.4
20	QPSK	1	49	23.69	23.58	23.59	
20	QPSK	1	99	23.74	23.66	23.66	
20	QPSK	50	0	23.86	23.73	23.72	25.4
20	QPSK	50	24	23.85	23.69	23.72	
20	QPSK	50	50	23.81	23.67	23.70	
20	QPSK	100	0	23.83	23.69	23.69	
20	16QAM	1	0	24.11	24.01	24.03	25.4
20	16QAM	1	49	24.04	23.93	23.94	
20	16QAM	1	99	24.10	24.02	23.98	
20	16QAM	50	0	23.60	23.45	23.46	24.5
20	16QAM	50	24	23.60	23.46	23.45	
20	16QAM	50	50	23.55	23.44	23.46	
20	16QAM	100	0	23.55	23.43	23.45	
20	64QAM	1	0	23.65	23.53	23.56	24.5
20	64QAM	1	49	23.55	23.45	23.46	
20	64QAM	1	99	23.63	23.51	23.52	
20	64QAM	50	0	22.53	22.40	22.41	23.5
20	64QAM	50	24	22.50	22.39	22.38	
20	64QAM	50	50	22.51	22.41	22.40	
20	64QAM	100	0	22.53	22.39	22.40	
20	256QAM	1	0	20.22	20.21	20.25	21.5
20	256QAM	1	49	20.27	20.26	20.29	
20	256QAM	1	99	20.29	20.38	20.14	
20	256QAM	50	0	20.28	20.42	20.40	21.5
20	256QAM	50	24	20.34	20.21	20.36	
20	256QAM	50	50	20.39	20.29	20.28	
20	256QAM	100	0	20.18	20.33	20.35	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.80	23.57	23.62	25.4
15	QPSK	1	37	23.69	23.55	23.59	
15	QPSK	1	74	23.65	23.65	23.65	
15	QPSK	36	0	23.79	23.71	23.68	25.4
15	QPSK	36	20	23.80	23.67	23.64	
15	QPSK	36	39	23.75	23.67	23.68	
15	QPSK	75	0	23.83	23.60	23.62	
15	16QAM	1	0	24.07	24.01	23.99	25.4
15	16QAM	1	37	24.01	23.84	23.92	
15	16QAM	1	74	24.04	24.02	23.97	
15	16QAM	36	0	23.55	23.42	23.43	24.5
15	16QAM	36	20	23.60	23.42	23.44	
15	16QAM	36	39	23.49	23.35	23.37	
15	16QAM	75	0	23.47	23.43	23.44	
15	64QAM	1	0	23.55	23.44	23.54	24.5
15	64QAM	1	37	23.52	23.42	23.40	
15	64QAM	1	74	23.53	23.44	23.48	
15	64QAM	36	0	22.53	22.38	22.35	23.5
15	64QAM	36	20	22.50	22.32	22.33	
15	64QAM	36	39	22.44	22.39	22.30	
15	64QAM	75	0	22.47	22.38	22.34	
15	256QAM	1	0	20.12	20.13	20.23	21.5
15	256QAM	1	37	20.23	20.21	20.27	
15	256QAM	1	74	20.22	20.30	20.05	
15	256QAM	36	0	20.19	20.36	20.31	21.5

15	256QAM	36	20	20.30	20.13	20.33	
15	256QAM	36	39	20.29	20.23	20.25	
15	256QAM	75	0	20.17	20.32	20.32	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.72	23.62	23.65	25.4
10	QPSK	1	25	23.59	23.58	23.53	
10	QPSK	1	49	23.71	23.63	23.62	
10	QPSK	25	0	23.80	23.73	23.64	25.4
10	QPSK	25	12	23.78	23.63	23.67	
10	QPSK	25	25	23.75	23.65	23.68	
10	QPSK	50	0	23.80	23.59	23.69	
10	16QAM	1	0	24.01	23.94	24.01	25.4
10	16QAM	1	25	24.03	23.89	23.94	
10	16QAM	1	49	24.05	24.01	23.97	
10	16QAM	25	0	23.51	23.41	23.38	24.5
10	16QAM	25	12	23.58	23.43	23.37	
10	16QAM	25	25	23.54	23.39	23.39	
10	16QAM	50	0	23.47	23.41	23.41	
10	64QAM	1	0	23.58	23.51	23.46	24.5
10	64QAM	1	25	23.47	23.42	23.44	
10	64QAM	1	49	23.53	23.45	23.50	
10	64QAM	25	0	22.47	22.37	22.32	23.5
10	64QAM	25	12	22.43	22.36	22.28	
10	64QAM	25	25	22.43	22.32	22.35	
10	64QAM	50	0	22.48	22.38	22.38	
10	256QAM	1	0	20.15	20.13	20.24	21.5
10	256QAM	1	25	20.24	20.21	20.22	
10	256QAM	1	49	20.22	20.37	20.12	
10	256QAM	25	0	20.28	20.33	20.39	21.5
10	256QAM	25	12	20.28	20.20	20.35	
10	256QAM	25	25	20.32	20.20	20.24	
10	256QAM	50	0	20.13	20.33	20.32	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.79	23.61	23.57	25.4
5	QPSK	1	12	23.67	23.51	23.58	
5	QPSK	1	24	23.66	23.61	23.57	
5	QPSK	12	0	23.83	23.63	23.64	25.4
5	QPSK	12	7	23.83	23.68	23.66	
5	QPSK	12	13	23.80	23.62	23.65	
5	QPSK	25	0	23.83	23.59	23.65	
5	16QAM	1	0	24.01	24.01	24.01	25.4
5	16QAM	1	12	24.02	23.83	23.90	
5	16QAM	1	24	24.07	23.92	23.93	
5	16QAM	12	0	23.57	23.40	23.45	24.5
5	16QAM	12	7	23.52	23.39	23.45	
5	16QAM	12	13	23.52	23.37	23.42	
5	16QAM	25	0	23.49	23.36	23.42	
5	64QAM	1	0	23.57	23.46	23.51	24.5
5	64QAM	1	12	23.45	23.44	23.43	
5	64QAM	1	24	23.53	23.43	23.49	
5	64QAM	12	0	22.46	22.36	22.38	23.5
5	64QAM	12	7	22.46	22.30	22.34	
5	64QAM	12	13	22.48	22.37	22.30	
5	64QAM	25	0	22.50	22.32	22.35	
5	256QAM	1	0	20.18	20.11	20.21	21.5
5	256QAM	1	12	20.18	20.26	20.20	
5	256QAM	1	24	20.27	20.29	20.08	
5	256QAM	12	0	20.27	20.38	20.30	21.5
5	256QAM	12	7	20.25	20.14	20.30	
5	256QAM	12	13	20.29	20.25	20.28	
5	256QAM	25	0	20.18	20.31	20.27	

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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)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.80	23.64	23.67	24.7
20	QPSK	1	49	23.69	23.58	23.59	
20	QPSK	1	99	23.74	23.66	23.66	
20	QPSK	50	0	23.86	23.73	23.72	24.7
20	QPSK	50	24	23.85	23.69	23.72	
20	QPSK	50	50	23.81	23.67	23.70	
20	QPSK	100	0	23.83	23.69	23.69	
20	16QAM	1	0	24.11	24.01	24.03	24.7
20	16QAM	1	49	24.04	23.93	23.94	
20	16QAM	1	99	24.10	24.02	23.98	
20	16QAM	50	0	23.60	23.45	23.46	24.5
20	16QAM	50	24	23.60	23.46	23.45	
20	16QAM	50	50	23.55	23.44	23.46	
20	16QAM	100	0	23.55	23.43	23.45	
20	64QAM	1	0	23.65	23.53	23.56	24.5
20	64QAM	1	49	23.55	23.45	23.46	
20	64QAM	1	99	23.63	23.51	23.52	
20	64QAM	50	0	22.53	22.40	22.41	23.5
20	64QAM	50	24	22.50	22.39	22.38	
20	64QAM	50	50	22.51	22.41	22.40	
20	64QAM	100	0	22.53	22.39	22.40	
20	256QAM	1	0	20.22	20.21	20.25	21.5
20	256QAM	1	49	20.27	20.26	20.29	
20	256QAM	1	99	20.29	20.38	20.14	
20	256QAM	50	0	20.28	20.42	20.40	21.5
20	256QAM	50	24	20.34	20.21	20.36	
20	256QAM	50	50	20.39	20.29	20.28	
20	256QAM	100	0	20.18	20.33	20.35	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.80	23.57	23.62	24.7
15	QPSK	1	37	23.69	23.55	23.59	
15	QPSK	1	74	23.65	23.65	23.65	
15	QPSK	36	0	23.79	23.71	23.68	24.7
15	QPSK	36	20	23.80	23.67	23.64	
15	QPSK	36	39	23.75	23.67	23.68	
15	QPSK	75	0	23.83	23.60	23.62	
15	16QAM	1	0	24.07	24.01	23.99	24.7
15	16QAM	1	37	24.01	23.84	23.92	
15	16QAM	1	74	24.04	24.02	23.97	
15	16QAM	36	0	23.55	23.42	23.43	24.5
15	16QAM	36	20	23.60	23.42	23.44	
15	16QAM	36	39	23.49	23.35	23.37	
15	16QAM	75	0	23.47	23.43	23.44	
15	64QAM	1	0	23.55	23.44	23.54	24.5
15	64QAM	1	37	23.52	23.42	23.40	
15	64QAM	1	74	23.53	23.44	23.48	
15	64QAM	36	0	22.53	22.38	22.35	23.5
15	64QAM	36	20	22.50	22.32	22.33	
15	64QAM	36	39	22.44	22.39	22.30	
15	64QAM	75	0	22.47	22.38	22.34	
15	256QAM	1	0	20.12	20.13	20.23	21.5
15	256QAM	1	37	20.23	20.21	20.27	
15	256QAM	1	74	20.22	20.30	20.05	
15	256QAM	36	0	20.19	20.36	20.31	21.5

15	256QAM	36	20	20.30	20.13	20.33	
15	256QAM	36	39	20.29	20.23	20.25	
15	256QAM	75	0	20.17	20.32	20.32	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.72	23.62	23.65	24.7
10	QPSK	1	25	23.59	23.58	23.53	
10	QPSK	1	49	23.71	23.63	23.62	
10	QPSK	25	0	23.80	23.73	23.64	24.7
10	QPSK	25	12	23.78	23.63	23.67	
10	QPSK	25	25	23.75	23.65	23.68	
10	QPSK	50	0	23.80	23.59	23.69	
10	16QAM	1	0	24.01	23.94	24.01	24.7
10	16QAM	1	25	24.03	23.89	23.94	
10	16QAM	1	49	24.05	24.01	23.97	
10	16QAM	25	0	23.51	23.41	23.38	24.5
10	16QAM	25	12	23.58	23.43	23.37	
10	16QAM	25	25	23.54	23.39	23.39	
10	16QAM	50	0	23.47	23.41	23.41	
10	64QAM	1	0	23.58	23.51	23.46	24.5
10	64QAM	1	25	23.47	23.42	23.44	
10	64QAM	1	49	23.53	23.45	23.50	
10	64QAM	25	0	22.47	22.37	22.32	23.5
10	64QAM	25	12	22.43	22.36	22.28	
10	64QAM	25	25	22.43	22.32	22.35	
10	64QAM	50	0	22.48	22.38	22.38	
10	256QAM	1	0	20.15	20.13	20.24	21.5
10	256QAM	1	25	20.24	20.21	20.22	
10	256QAM	1	49	20.22	20.37	20.12	
10	256QAM	25	0	20.28	20.33	20.39	21.5
10	256QAM	25	12	20.28	20.20	20.35	
10	256QAM	25	25	20.32	20.20	20.24	
10	256QAM	50	0	20.13	20.33	20.32	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.79	23.61	23.57	24.7
5	QPSK	1	12	23.67	23.51	23.58	
5	QPSK	1	24	23.66	23.61	23.57	
5	QPSK	12	0	23.83	23.63	23.64	24.7
5	QPSK	12	7	23.83	23.68	23.66	
5	QPSK	12	13	23.80	23.62	23.65	
5	QPSK	25	0	23.83	23.59	23.65	
5	16QAM	1	0	24.01	24.01	24.01	24.7
5	16QAM	1	12	24.02	23.83	23.90	
5	16QAM	1	24	24.07	23.92	23.93	
5	16QAM	12	0	23.57	23.40	23.45	24.5
5	16QAM	12	7	23.52	23.39	23.45	
5	16QAM	12	13	23.52	23.37	23.42	
5	16QAM	25	0	23.49	23.36	23.42	
5	64QAM	1	0	23.57	23.46	23.51	24.5
5	64QAM	1	12	23.45	23.44	23.43	
5	64QAM	1	24	23.53	23.43	23.49	
5	64QAM	12	0	22.46	22.36	22.38	23.5
5	64QAM	12	7	22.46	22.30	22.34	
5	64QAM	12	13	22.48	22.37	22.30	
5	64QAM	25	0	22.50	22.32	22.35	
5	256QAM	1	0	20.18	20.11	20.21	21.5
5	256QAM	1	12	20.18	20.26	20.20	
5	256QAM	1	24	20.27	20.29	20.08	
5	256QAM	12	0	20.27	20.38	20.30	21.5
5	256QAM	12	7	20.25	20.14	20.30	
5	256QAM	12	13	20.29	20.25	20.28	
5	256QAM	25	0	20.18	20.31	20.27	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.53	23.52	23.55	23.53	23.50	24.6
20	QPSK	1	49	23.50	23.42	23.53	23.39	23.48	
20	QPSK	1	99	23.53	23.43	23.49	23.42	23.49	
20	QPSK	50	0	22.48	22.48	22.53	22.50	22.50	23.6
20	QPSK	50	24	22.45	22.46	22.45	22.48	22.46	
20	QPSK	50	50	22.47	22.45	22.45	22.49	22.44	
20	QPSK	100	0	22.43	22.46	22.47	22.46	22.45	
20	16QAM	1	0	22.70	22.63	22.54	22.56	22.66	23.6
20	16QAM	1	49	22.55	22.49	22.44	22.45	22.58	
20	16QAM	1	99	22.58	22.48	22.51	22.46	22.55	
20	16QAM	50	0	21.57	21.49	21.48	21.50	21.52	22.6
20	16QAM	50	24	21.54	21.48	21.46	21.50	21.52	
20	16QAM	50	50	21.53	21.46	21.44	21.49	21.49	
20	16QAM	100	0	21.53	21.47	21.44	21.47	21.51	
20	64QAM	1	0	21.38	21.32	21.21	21.23	21.34	22.6
20	64QAM	1	49	21.26	21.17	21.15	21.14	21.28	
20	64QAM	1	99	21.27	21.15	21.18	21.14	21.27	
20	64QAM	50	0	20.52	20.46	20.44	20.48	20.49	21.6
20	64QAM	50	24	20.49	20.44	20.44	20.47	20.47	
20	64QAM	50	50	20.49	20.44	20.44	20.46	20.46	
20	64QAM	100	0	20.49	20.45	20.44	20.48	20.47	
20	256QAM	1	0	18.23	18.21	18.29	18.22	18.29	19.6
20	256QAM	1	49	18.28	18.21	18.20	18.24	18.28	
20	256QAM	1	99	18.27	18.28	18.30	18.35	18.32	
20	256QAM	50	0	18.41	18.32	18.39	18.45	18.41	19.6
20	256QAM	50	24	18.37	18.30	18.42	18.36	18.27	
20	256QAM	50	50	18.27	18.42	18.31	18.41	18.25	
20	256QAM	100	0	18.40	18.36	18.25	18.42	18.26	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.50	23.43	23.45	23.50	23.41	24.60
15	QPSK	1	37	23.50	23.24	23.50	23.35	23.49	
15	QPSK	1	74	23.47	23.38	23.43	23.45	23.34	
15	QPSK	36	0	22.50	22.38	22.38	22.42	22.36	23.6
15	QPSK	36	20	22.47	22.35	22.37	22.40	22.32	
15	QPSK	36	39	22.47	22.35	22.38	22.39	22.32	
15	QPSK	75	0	22.49	22.37	22.40	22.41	22.32	
15	16QAM	1	0	22.57	22.45	22.44	22.51	22.44	23.6
15	16QAM	1	37	22.48	22.35	22.42	22.45	22.38	
15	16QAM	1	74	22.50	22.38	22.45	22.45	22.40	
15	16QAM	36	0	21.42	21.30	21.31	21.37	21.29	22.6
15	16QAM	36	20	21.40	21.28	21.32	21.36	21.28	
15	16QAM	36	39	21.38	21.28	21.32	21.35	21.28	
15	16QAM	75	0	21.46	21.37	21.38	21.41	21.34	
15	64QAM	1	0	21.27	21.17	21.12	21.18	21.14	22.6
15	64QAM	1	37	21.23	21.12	21.15	21.18	21.11	
15	64QAM	1	74	21.19	21.08	21.13	21.12	21.09	
15	64QAM	36	0	20.40	20.31	20.31	20.39	20.29	21.6
15	64QAM	36	20	20.39	20.29	20.29	20.37	20.26	
15	64QAM	36	39	20.38	20.28	20.30	20.36	20.25	
15	64QAM	75	0	20.45	20.33	20.35	20.37	20.30	
15	256QAM	1	0	18.16	18.34	18.19	18.25	18.32	19.6
15	256QAM	1	37	18.16	18.33	18.32	18.30	18.28	
15	256QAM	1	74	18.15	18.34	18.16	18.27	18.18	
15	256QAM	36	0	18.39	18.29	18.32	18.27	18.33	19.6

15	256QAM	36	20	18.25	18.31	18.30	18.28	18.26	
15	256QAM	36	39	18.27	18.30	18.42	18.33	18.30	
15	256QAM	75	0	18.41	18.38	18.41	18.32	18.38	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.47	23.40	23.39	23.44	23.38	24.60
10	QPSK	1	25	23.41	23.33	23.34	23.38	23.31	
10	QPSK	1	49	23.45	23.35	23.37	23.41	23.34	
10	QPSK	25	0	22.48	22.37	22.39	22.44	22.34	23.6
10	QPSK	25	12	22.47	22.35	22.39	22.43	22.32	
10	QPSK	25	25	22.47	22.38	22.39	22.43	22.31	
10	QPSK	50	0	22.49	22.38	22.37	22.47	22.31	
10	16QAM	1	0	22.57	22.47	22.43	22.51	22.49	23.6
10	16QAM	1	25	22.61	22.53	22.56	22.59	22.54	
10	16QAM	1	49	22.45	22.36	22.41	22.42	22.40	
10	16QAM	25	0	21.49	21.38	21.38	21.44	21.37	22.6
10	16QAM	25	12	21.45	21.38	21.37	21.43	21.34	
10	16QAM	25	25	21.45	21.38	21.38	21.43	21.34	
10	16QAM	50	0	21.47	21.39	21.38	21.45	21.36	
10	64QAM	1	0	21.22	21.13	21.09	21.16	21.14	22.6
10	64QAM	1	25	21.31	21.25	21.27	21.30	21.26	
10	64QAM	1	49	21.13	21.05	21.08	21.11	21.08	
10	64QAM	25	0	20.48	20.38	20.38	20.44	20.37	21.6
10	64QAM	25	12	20.47	20.36	20.37	20.45	20.34	
10	64QAM	25	25	20.47	20.37	20.38	20.43	20.33	
10	64QAM	50	0	20.45	20.34	20.35	20.44	20.31	
10	256QAM	1	0	18.18	18.16	18.22	18.25	18.17	19.6
10	256QAM	1	25	18.23	18.18	18.26	18.15	18.25	
10	256QAM	1	49	18.24	18.35	18.34	18.22	18.21	
10	256QAM	25	0	18.33	18.28	18.33	18.26	18.33	19.6
10	256QAM	25	12	18.28	18.37	18.30	18.32	18.33	
10	256QAM	25	25	18.28	18.36	18.43	18.45	18.34	
10	256QAM	50	0	18.30	18.27	18.33	18.36	18.25	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.40	23.35	23.39	23.46	23.34	24.60
5	QPSK	1	12	23.50	23.45	23.17	23.30	23.45	
5	QPSK	1	24	23.37	23.34	23.33	23.40	23.33	
5	QPSK	12	0	22.43	22.37	22.35	22.41	22.32	23.6
5	QPSK	12	7	22.46	22.40	22.34	22.43	22.33	
5	QPSK	12	13	22.44	22.37	22.35	22.40	22.29	
5	QPSK	25	0	22.47	22.39	22.40	22.46	22.32	
5	16QAM	1	0	22.40	22.35	22.32	22.38	22.36	23.6
5	16QAM	1	12	22.40	22.37	22.37	22.44	22.39	
5	16QAM	1	24	22.41	22.38	22.36	22.43	22.38	
5	16QAM	12	0	21.40	21.34	21.33	21.37	21.30	22.6
5	16QAM	12	7	21.39	21.31	21.29	21.36	21.29	
5	16QAM	12	13	21.38	21.33	21.34	21.35	21.30	
5	16QAM	25	0	21.44	21.37	21.38	21.43	21.33	
5	64QAM	1	0	21.19	21.12	21.10	21.15	21.13	22.6
5	64QAM	1	12	21.19	21.11	21.15	21.19	21.13	
5	64QAM	1	24	21.16	21.12	21.12	21.16	21.12	
5	64QAM	12	0	20.40	20.36	20.33	20.39	20.34	21.6
5	64QAM	12	7	20.40	20.35	20.30	20.37	20.32	
5	64QAM	12	13	20.38	20.34	20.33	20.37	20.32	
5	64QAM	25	0	20.44	20.39	20.36	20.44	20.37	
5	256QAM	1	0	18.16	18.31	18.29	18.28	18.32	19.6
5	256QAM	1	12	18.25	18.24	18.26	18.18	18.15	
5	256QAM	1	24	18.21	18.32	18.32	18.18	18.18	
5	256QAM	12	0	18.29	18.34	18.41	18.42	18.43	19.6
5	256QAM	12	7	18.26	18.41	18.27	18.28	18.31	
5	256QAM	12	13	18.43	18.26	18.27	18.38	18.37	
5	256QAM	25	0	18.31	18.42	18.34	18.42	18.44	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.53	23.52	23.55	23.53	23.50	24.6
20	QPSK	1	49	23.50	23.42	23.53	23.39	23.48	
20	QPSK	1	99	23.53	23.43	23.49	23.42	23.49	
20	QPSK	50	0	22.48	22.48	22.53	22.50	22.50	23.6
20	QPSK	50	24	22.45	22.46	22.45	22.48	22.46	
20	QPSK	50	50	22.47	22.45	22.45	22.49	22.44	
20	QPSK	100	0	22.43	22.46	22.47	22.46	22.45	
20	16QAM	1	0	22.70	22.63	22.54	22.56	22.66	23.6
20	16QAM	1	49	22.55	22.49	22.44	22.45	22.58	
20	16QAM	1	99	22.58	22.48	22.51	22.46	22.55	
20	16QAM	50	0	21.57	21.49	21.48	21.50	21.52	22.6
20	16QAM	50	24	21.54	21.48	21.46	21.50	21.52	
20	16QAM	50	50	21.53	21.46	21.44	21.49	21.49	
20	16QAM	100	0	21.53	21.47	21.44	21.47	21.51	
20	64QAM	1	0	21.38	21.32	21.21	21.23	21.34	22.6
20	64QAM	1	49	21.26	21.17	21.15	21.14	21.28	
20	64QAM	1	99	21.27	21.15	21.18	21.14	21.27	
20	64QAM	50	0	20.52	20.46	20.44	20.48	20.49	21.6
20	64QAM	50	24	20.49	20.44	20.44	20.47	20.47	
20	64QAM	50	50	20.49	20.44	20.44	20.46	20.46	
20	64QAM	100	0	20.49	20.45	20.44	20.48	20.47	
20	256QAM	1	0	18.23	18.21	18.29	18.22	18.29	19.6
20	256QAM	1	49	18.28	18.21	18.20	18.24	18.28	
20	256QAM	1	99	18.27	18.28	18.30	18.35	18.32	
20	256QAM	50	0	18.41	18.32	18.39	18.45	18.41	19.6
20	256QAM	50	24	18.37	18.30	18.42	18.36	18.27	
20	256QAM	50	50	18.27	18.42	18.31	18.41	18.25	
20	256QAM	100	0	18.40	18.36	18.25	18.42	18.26	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.50	23.43	23.45	23.50	23.41	24.60
15	QPSK	1	37	23.50	23.24	23.50	23.35	23.49	
15	QPSK	1	74	23.47	23.38	23.43	23.45	23.34	
15	QPSK	36	0	22.50	22.38	22.38	22.42	22.36	23.6
15	QPSK	36	20	22.47	22.35	22.37	22.40	22.32	
15	QPSK	36	39	22.47	22.35	22.38	22.39	22.32	
15	QPSK	75	0	22.49	22.37	22.40	22.41	22.32	
15	16QAM	1	0	22.57	22.45	22.44	22.51	22.44	23.6
15	16QAM	1	37	22.48	22.35	22.42	22.45	22.38	
15	16QAM	1	74	22.50	22.38	22.45	22.45	22.40	
15	16QAM	36	0	21.42	21.30	21.31	21.37	21.29	22.6
15	16QAM	36	20	21.40	21.28	21.32	21.36	21.28	
15	16QAM	36	39	21.38	21.28	21.32	21.35	21.28	
15	16QAM	75	0	21.46	21.37	21.38	21.41	21.34	
15	64QAM	1	0	21.27	21.17	21.12	21.18	21.14	22.6
15	64QAM	1	37	21.23	21.12	21.15	21.18	21.11	
15	64QAM	1	74	21.19	21.08	21.13	21.12	21.09	
15	64QAM	36	0	20.40	20.31	20.31	20.39	20.29	21.6
15	64QAM	36	20	20.39	20.29	20.29	20.37	20.26	
15	64QAM	36	39	20.38	20.28	20.30	20.36	20.25	
15	64QAM	75	0	20.45	20.33	20.35	20.37	20.30	
15	256QAM	1	0	18.16	18.34	18.19	18.25	18.32	19.6
15	256QAM	1	37	18.16	18.33	18.32	18.30	18.28	
15	256QAM	1	74	18.15	18.34	18.16	18.27	18.18	
15	256QAM	36	0	18.39	18.29	18.32	18.27	18.33	19.6

15	256QAM	36	20	18.25	18.31	18.30	18.28	18.26	
15	256QAM	36	39	18.27	18.30	18.42	18.33	18.30	
15	256QAM	75	0	18.41	18.38	18.41	18.32	18.38	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.47	23.40	23.39	23.44	23.38	24.60
10	QPSK	1	25	23.41	23.33	23.34	23.38	23.31	
10	QPSK	1	49	23.45	23.35	23.37	23.41	23.34	
10	QPSK	25	0	22.48	22.37	22.39	22.44	22.34	23.6
10	QPSK	25	12	22.47	22.35	22.39	22.43	22.32	
10	QPSK	25	25	22.47	22.38	22.39	22.43	22.31	
10	QPSK	50	0	22.49	22.38	22.37	22.47	22.31	
10	16QAM	1	0	22.57	22.47	22.43	22.51	22.49	23.6
10	16QAM	1	25	22.61	22.53	22.56	22.59	22.54	
10	16QAM	1	49	22.45	22.36	22.41	22.42	22.40	
10	16QAM	25	0	21.49	21.38	21.38	21.44	21.37	22.6
10	16QAM	25	12	21.45	21.38	21.37	21.43	21.34	
10	16QAM	25	25	21.45	21.38	21.38	21.43	21.34	
10	16QAM	50	0	21.47	21.39	21.38	21.45	21.36	
10	64QAM	1	0	21.22	21.13	21.09	21.16	21.14	22.6
10	64QAM	1	25	21.31	21.25	21.27	21.30	21.26	
10	64QAM	1	49	21.13	21.05	21.08	21.11	21.08	
10	64QAM	25	0	20.48	20.38	20.38	20.44	20.37	21.6
10	64QAM	25	12	20.47	20.36	20.37	20.45	20.34	
10	64QAM	25	25	20.47	20.37	20.38	20.43	20.33	
10	64QAM	50	0	20.45	20.34	20.35	20.44	20.31	
10	256QAM	1	0	18.18	18.16	18.22	18.25	18.17	19.6
10	256QAM	1	25	18.23	18.18	18.26	18.15	18.25	
10	256QAM	1	49	18.24	18.35	18.34	18.22	18.21	
10	256QAM	25	0	18.33	18.28	18.33	18.26	18.33	19.6
10	256QAM	25	12	18.28	18.37	18.30	18.32	18.33	
10	256QAM	25	25	18.28	18.36	18.43	18.45	18.34	
10	256QAM	50	0	18.30	18.27	18.33	18.36	18.25	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.40	23.35	23.39	23.46	23.34	24.60
5	QPSK	1	12	23.50	23.45	23.17	23.30	23.45	
5	QPSK	1	24	23.37	23.34	23.33	23.40	23.33	
5	QPSK	12	0	22.43	22.37	22.35	22.41	22.32	23.6
5	QPSK	12	7	22.46	22.40	22.34	22.43	22.33	
5	QPSK	12	13	22.44	22.37	22.35	22.40	22.29	
5	QPSK	25	0	22.47	22.39	22.40	22.46	22.32	
5	16QAM	1	0	22.40	22.35	22.32	22.38	22.36	23.6
5	16QAM	1	12	22.40	22.37	22.37	22.44	22.39	
5	16QAM	1	24	22.41	22.38	22.36	22.43	22.38	
5	16QAM	12	0	21.40	21.34	21.33	21.37	21.30	22.6
5	16QAM	12	7	21.39	21.31	21.29	21.36	21.29	
5	16QAM	12	13	21.38	21.33	21.34	21.35	21.30	
5	16QAM	25	0	21.44	21.37	21.38	21.43	21.33	
5	64QAM	1	0	21.19	21.12	21.10	21.15	21.13	22.6
5	64QAM	1	12	21.19	21.11	21.15	21.19	21.13	
5	64QAM	1	24	21.16	21.12	21.12	21.16	21.12	
5	64QAM	12	0	20.40	20.36	20.33	20.39	20.34	21.6
5	64QAM	12	7	20.40	20.35	20.30	20.37	20.32	
5	64QAM	12	13	20.38	20.34	20.33	20.37	20.32	
5	64QAM	25	0	20.44	20.39	20.36	20.44	20.37	
5	256QAM	1	0	18.16	18.31	18.29	18.28	18.32	19.6
5	256QAM	1	12	18.25	18.24	18.26	18.18	18.15	
5	256QAM	1	24	18.21	18.32	18.32	18.18	18.18	
5	256QAM	12	0	18.29	18.34	18.41	18.42	18.43	19.6
5	256QAM	12	7	18.26	18.41	18.27	18.28	18.31	
5	256QAM	12	13	18.43	18.26	18.27	18.38	18.37	
5	256QAM	25	0	18.31	18.42	18.34	18.42	18.44	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.53	23.52	23.55	23.53	23.50	24.6
20	QPSK	1	49	23.50	23.42	23.53	23.39	23.48	
20	QPSK	1	99	23.53	23.43	23.49	23.42	23.49	
20	QPSK	50	0	22.48	22.48	22.53	22.50	22.50	23.6
20	QPSK	50	24	22.45	22.46	22.45	22.48	22.46	
20	QPSK	50	50	22.47	22.45	22.45	22.49	22.44	
20	QPSK	100	0	22.43	22.46	22.47	22.46	22.45	
20	16QAM	1	0	22.70	22.63	22.54	22.56	22.66	23.6
20	16QAM	1	49	22.55	22.49	22.44	22.45	22.58	
20	16QAM	1	99	22.58	22.48	22.51	22.46	22.55	
20	16QAM	50	0	21.57	21.49	21.48	21.50	21.52	22.6
20	16QAM	50	24	21.54	21.48	21.46	21.50	21.52	
20	16QAM	50	50	21.53	21.46	21.44	21.49	21.49	
20	16QAM	100	0	21.53	21.47	21.44	21.47	21.51	
20	64QAM	1	0	21.38	21.32	21.21	21.23	21.34	22.6
20	64QAM	1	49	21.26	21.17	21.15	21.14	21.28	
20	64QAM	1	99	21.27	21.15	21.18	21.14	21.27	
20	64QAM	50	0	20.52	20.46	20.44	20.48	20.49	21.6
20	64QAM	50	24	20.49	20.44	20.44	20.47	20.47	
20	64QAM	50	50	20.49	20.44	20.44	20.46	20.46	
20	64QAM	100	0	20.49	20.45	20.44	20.48	20.47	
20	256QAM	1	0	18.23	18.21	18.29	18.22	18.29	19.6
20	256QAM	1	49	18.28	18.21	18.20	18.24	18.28	
20	256QAM	1	99	18.27	18.28	18.30	18.35	18.32	
20	256QAM	50	0	18.41	18.32	18.39	18.45	18.41	19.6
20	256QAM	50	24	18.37	18.30	18.42	18.36	18.27	
20	256QAM	50	50	18.27	18.42	18.31	18.41	18.25	
20	256QAM	100	0	18.40	18.36	18.25	18.42	18.26	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.50	23.43	23.45	23.50	23.41	24.60
15	QPSK	1	37	23.50	23.24	23.50	23.35	23.49	
15	QPSK	1	74	23.47	23.38	23.43	23.45	23.34	
15	QPSK	36	0	22.50	22.38	22.38	22.42	22.36	23.6
15	QPSK	36	20	22.47	22.35	22.37	22.40	22.32	
15	QPSK	36	39	22.47	22.35	22.38	22.39	22.32	
15	QPSK	75	0	22.49	22.37	22.40	22.41	22.32	
15	16QAM	1	0	22.57	22.45	22.44	22.51	22.44	23.6
15	16QAM	1	37	22.48	22.35	22.42	22.45	22.38	
15	16QAM	1	74	22.50	22.38	22.45	22.45	22.40	
15	16QAM	36	0	21.42	21.30	21.31	21.37	21.29	22.6
15	16QAM	36	20	21.40	21.28	21.32	21.36	21.28	
15	16QAM	36	39	21.38	21.28	21.32	21.35	21.28	
15	16QAM	75	0	21.46	21.37	21.38	21.41	21.34	
15	64QAM	1	0	21.27	21.17	21.12	21.18	21.14	22.6
15	64QAM	1	37	21.23	21.12	21.15	21.18	21.11	
15	64QAM	1	74	21.19	21.08	21.13	21.12	21.09	
15	64QAM	36	0	20.40	20.31	20.31	20.39	20.29	21.6
15	64QAM	36	20	20.39	20.29	20.29	20.37	20.26	
15	64QAM	36	39	20.38	20.28	20.30	20.36	20.25	
15	64QAM	75	0	20.45	20.33	20.35	20.37	20.30	
15	256QAM	1	0	18.16	18.34	18.19	18.25	18.32	19.6
15	256QAM	1	37	18.16	18.33	18.32	18.30	18.28	
15	256QAM	1	74	18.15	18.34	18.16	18.27	18.18	
15	256QAM	36	0	18.39	18.29	18.32	18.27	18.33	19.6

15	256QAM	36	20	18.25	18.31	18.30	18.28	18.26	
15	256QAM	36	39	18.27	18.30	18.42	18.33	18.30	
15	256QAM	75	0	18.41	18.38	18.41	18.32	18.38	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.47	23.40	23.39	23.44	23.38	24.60
10	QPSK	1	25	23.41	23.33	23.34	23.38	23.31	
10	QPSK	1	49	23.45	23.35	23.37	23.41	23.34	
10	QPSK	25	0	22.48	22.37	22.39	22.44	22.34	23.6
10	QPSK	25	12	22.47	22.35	22.39	22.43	22.32	
10	QPSK	25	25	22.47	22.38	22.39	22.43	22.31	
10	QPSK	50	0	22.49	22.38	22.37	22.47	22.31	
10	16QAM	1	0	22.57	22.47	22.43	22.51	22.49	23.6
10	16QAM	1	25	22.61	22.53	22.56	22.59	22.54	
10	16QAM	1	49	22.45	22.36	22.41	22.42	22.40	
10	16QAM	25	0	21.49	21.38	21.38	21.44	21.37	22.6
10	16QAM	25	12	21.45	21.38	21.37	21.43	21.34	
10	16QAM	25	25	21.45	21.38	21.38	21.43	21.34	
10	16QAM	50	0	21.47	21.39	21.38	21.45	21.36	
10	64QAM	1	0	21.22	21.13	21.09	21.16	21.14	22.6
10	64QAM	1	25	21.31	21.25	21.27	21.30	21.26	
10	64QAM	1	49	21.13	21.05	21.08	21.11	21.08	
10	64QAM	25	0	20.48	20.38	20.38	20.44	20.37	21.6
10	64QAM	25	12	20.47	20.36	20.37	20.45	20.34	
10	64QAM	25	25	20.47	20.37	20.38	20.43	20.33	
10	64QAM	50	0	20.45	20.34	20.35	20.44	20.31	
10	256QAM	1	0	18.18	18.16	18.22	18.25	18.17	19.6
10	256QAM	1	25	18.23	18.18	18.26	18.15	18.25	
10	256QAM	1	49	18.24	18.35	18.34	18.22	18.21	
10	256QAM	25	0	18.33	18.28	18.33	18.26	18.33	19.6
10	256QAM	25	12	18.28	18.37	18.30	18.32	18.33	
10	256QAM	25	25	18.28	18.36	18.43	18.45	18.34	
10	256QAM	50	0	18.30	18.27	18.33	18.36	18.25	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.40	23.35	23.39	23.46	23.34	24.60
5	QPSK	1	12	23.50	23.45	23.17	23.30	23.45	
5	QPSK	1	24	23.37	23.34	23.33	23.40	23.33	
5	QPSK	12	0	22.43	22.37	22.35	22.41	22.32	23.6
5	QPSK	12	7	22.46	22.40	22.34	22.43	22.33	
5	QPSK	12	13	22.44	22.37	22.35	22.40	22.29	
5	QPSK	25	0	22.47	22.39	22.40	22.46	22.32	
5	16QAM	1	0	22.40	22.35	22.32	22.38	22.36	23.6
5	16QAM	1	12	22.40	22.37	22.37	22.44	22.39	
5	16QAM	1	24	22.41	22.38	22.36	22.43	22.38	
5	16QAM	12	0	21.40	21.34	21.33	21.37	21.30	22.6
5	16QAM	12	7	21.39	21.31	21.29	21.36	21.29	
5	16QAM	12	13	21.38	21.33	21.34	21.35	21.30	
5	16QAM	25	0	21.44	21.37	21.38	21.43	21.33	
5	64QAM	1	0	21.19	21.12	21.10	21.15	21.13	22.6
5	64QAM	1	12	21.19	21.11	21.15	21.19	21.13	
5	64QAM	1	24	21.16	21.12	21.12	21.16	21.12	
5	64QAM	12	0	20.40	20.36	20.33	20.39	20.34	21.6
5	64QAM	12	7	20.40	20.35	20.30	20.37	20.32	
5	64QAM	12	13	20.38	20.34	20.33	20.37	20.32	
5	64QAM	25	0	20.44	20.39	20.36	20.44	20.37	
5	256QAM	1	0	18.16	18.31	18.29	18.28	18.32	19.6
5	256QAM	1	12	18.25	18.24	18.26	18.18	18.15	
5	256QAM	1	24	18.21	18.32	18.32	18.18	18.18	
5	256QAM	12	0	18.29	18.34	18.41	18.42	18.43	19.6
5	256QAM	12	7	18.26	18.41	18.27	18.28	18.31	
5	256QAM	12	13	18.43	18.26	18.27	18.38	18.37	
5	256QAM	25	0	18.31	18.42	18.34	18.42	18.44	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.55	19.52	19.56	19.54	19.55	21.1
20	QPSK	1	49	19.45	19.38	19.46	19.56	19.54	
20	QPSK	1	99	19.50	19.42	19.46	19.46	19.50	
20	QPSK	50	0	19.54	19.52	19.60	19.56	19.59	21.1
20	QPSK	50	24	19.52	19.50	19.51	19.55	19.57	
20	QPSK	50	50	19.51	19.48	19.50	19.55	19.54	
20	QPSK	100	0	19.56	19.48	19.57	19.54	19.53	
20	16QAM	1	0	19.67	19.61	19.59	19.61	19.69	21.1
20	16QAM	1	49	19.51	19.46	19.48	19.49	19.55	
20	16QAM	1	99	19.60	19.53	19.55	19.52	19.56	
20	16QAM	50	0	19.61	19.56	19.55	19.56	19.61	21.1
20	16QAM	50	24	19.59	19.54	19.54	19.55	19.59	
20	16QAM	50	50	19.58	19.54	19.54	19.57	19.57	
20	16QAM	100	0	19.58	19.51	19.53	19.55	19.58	
20	64QAM	1	0	19.40	19.34	19.33	19.31	19.43	21.1
20	64QAM	1	49	19.28	19.24	19.23	19.21	19.32	
20	64QAM	1	99	19.33	19.27	19.30	19.27	19.31	
20	64QAM	50	0	19.59	19.54	19.56	19.56	19.60	21.1
20	64QAM	50	24	19.58	19.53	19.51	19.55	19.57	
20	64QAM	50	50	19.57	19.52	19.55	19.54	19.56	
20	64QAM	100	0	19.56	19.51	19.51	19.53	19.57	
20	256QAM	1	0	18.18	18.07	18.23	18.13	18.24	19.6
20	256QAM	1	49	18.13	18.10	18.08	18.11	18.19	
20	256QAM	1	99	18.20	18.25	18.27	18.28	18.22	
20	256QAM	50	0	18.39	18.20	18.34	18.32	18.41	19.6
20	256QAM	50	24	18.26	18.18	18.42	18.22	18.21	
20	256QAM	50	50	18.18	18.36	18.18	18.30	18.19	
20	256QAM	100	0	18.24	18.21	18.24	18.35	18.17	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.58	19.51	19.43	19.50	19.55	21.10
15	QPSK	1	37	19.45	19.30	19.41	19.54	19.60	
15	QPSK	1	74	19.46	19.42	19.45	19.36	19.45	
15	QPSK	36	0	19.55	19.49	19.43	19.50	19.53	21.1
15	QPSK	36	20	19.55	19.46	19.45	19.52	19.55	
15	QPSK	36	39	19.45	19.45	19.44	19.53	19.49	
15	QPSK	75	0	19.53	19.47	19.43	19.53	19.51	
15	16QAM	1	0	19.60	19.58	19.51	19.55	19.62	21.1
15	16QAM	1	37	19.48	19.43	19.40	19.49	19.54	
15	16QAM	1	74	19.51	19.52	19.55	19.52	19.47	
15	16QAM	36	0	19.56	19.56	19.54	19.46	19.59	21.1
15	16QAM	36	20	19.55	19.52	19.50	19.49	19.58	
15	16QAM	36	39	19.49	19.46	19.44	19.55	19.53	
15	16QAM	75	0	19.51	19.42	19.49	19.45	19.52	
15	64QAM	1	0	19.40	19.26	19.25	19.31	19.35	21.1
15	64QAM	1	37	19.27	19.15	19.18	19.14	19.27	
15	64QAM	1	74	19.32	19.21	19.21	19.19	19.24	
15	64QAM	36	0	19.51	19.49	19.46	19.54	19.56	21.1
15	64QAM	36	20	19.51	19.46	19.44	19.51	19.53	
15	64QAM	36	39	19.51	19.49	19.48	19.49	19.47	
15	64QAM	75	0	19.55	19.45	19.45	19.53	19.54	
15	256QAM	1	0	18.15	18.05	18.15	18.03	18.21	19.6
15	256QAM	1	37	18.10	18.07	17.98	18.05	18.10	
15	256QAM	1	74	18.15	18.23	18.21	18.19	18.15	
15	256QAM	36	0	18.31	18.19	18.24	18.24	18.41	19.6

15	256QAM	36	20	18.20	18.13	18.34	18.16	18.12	
15	256QAM	36	39	18.15	18.31	18.09	18.22	18.14	
15	256QAM	75	0	18.14	18.12	18.14	18.27	18.08	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.57	19.52	19.43	19.49	19.50	21.10
10	QPSK	1	25	19.40	19.28	19.43	19.51	19.60	
10	QPSK	1	49	19.44	19.40	19.45	19.38	19.46	
10	QPSK	25	0	19.53	19.43	19.50	19.52	19.50	21.1
10	QPSK	25	12	19.48	19.50	19.46	19.50	19.48	
10	QPSK	25	25	19.55	19.44	19.49	19.53	19.48	
10	QPSK	50	0	19.52	19.45	19.44	19.54	19.46	
10	16QAM	1	0	19.66	19.51	19.52	19.60	19.68	21.1
10	16QAM	1	25	19.41	19.43	19.44	19.48	19.46	
10	16QAM	1	49	19.51	19.43	19.49	19.43	19.49	
10	16QAM	25	0	19.57	19.54	19.53	19.48	19.61	21.1
10	16QAM	25	12	19.50	19.49	19.50	19.48	19.52	
10	16QAM	25	25	19.54	19.52	19.48	19.47	19.52	
10	16QAM	50	0	19.49	19.43	19.45	19.47	19.51	
10	64QAM	1	0	19.37	19.32	19.31	19.30	19.34	21.1
10	64QAM	1	25	19.19	19.23	19.19	19.11	19.29	
10	64QAM	1	49	19.26	19.25	19.28	19.25	19.29	
10	64QAM	25	0	19.55	19.53	19.47	19.52	19.59	21.1
10	64QAM	25	12	19.51	19.48	19.45	19.48	19.55	
10	64QAM	25	25	19.48	19.43	19.48	19.51	19.52	
10	64QAM	50	0	19.49	19.44	19.44	19.43	19.49	
10	256QAM	1	0	18.17	17.99	18.20	18.06	18.17	19.6
10	256QAM	1	25	18.09	18.07	17.98	18.03	18.18	
10	256QAM	1	49	18.12	18.20	18.25	18.27	18.17	
10	256QAM	25	0	18.37	18.16	18.26	18.26	18.39	19.6
10	256QAM	25	12	18.18	18.18	18.38	18.21	18.14	
10	256QAM	25	25	18.08	18.36	18.11	18.23	18.12	
10	256QAM	50	0	18.15	18.19	18.20	18.25	18.12	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	19.50	19.44	19.43	19.51	19.58	21.10
5	QPSK	1	12	19.39	19.35	19.38	19.46	19.51	
5	QPSK	1	24	19.49	19.38	19.41	19.40	19.48	
5	QPSK	12	0	19.58	19.51	19.53	19.54	19.49	21.1
5	QPSK	12	7	19.53	19.45	19.46	19.54	19.52	
5	QPSK	12	13	19.54	19.45	19.40	19.47	19.52	
5	QPSK	25	0	19.48	19.42	19.44	19.56	19.45	
5	16QAM	1	0	19.65	19.54	19.59	19.52	19.60	21.1
5	16QAM	1	12	19.49	19.36	19.40	19.49	19.53	
5	16QAM	1	24	19.50	19.52	19.49	19.51	19.55	
5	16QAM	12	0	19.54	19.46	19.52	19.52	19.51	21.1
5	16QAM	12	7	19.54	19.50	19.51	19.48	19.54	
5	16QAM	12	13	19.48	19.54	19.49	19.55	19.49	
5	16QAM	25	0	19.57	19.47	19.51	19.51	19.51	
5	64QAM	1	0	19.36	19.27	19.24	19.22	19.33	21.1
5	64QAM	1	12	19.18	19.21	19.19	19.19	19.23	
5	64QAM	1	24	19.33	19.27	19.24	19.22	19.23	
5	64QAM	12	0	19.58	19.45	19.53	19.47	19.59	21.1
5	64QAM	12	7	19.54	19.51	19.50	19.46	19.47	
5	64QAM	12	13	19.47	19.49	19.48	19.53	19.50	
5	64QAM	25	0	19.54	19.47	19.46	19.44	19.48	
5	256QAM	1	0	18.16	18.00	18.23	18.03	18.15	19.6
5	256QAM	1	12	18.12	18.03	18.04	18.02	18.09	
5	256QAM	1	24	18.14	18.16	18.17	18.22	18.13	
5	256QAM	12	0	18.30	18.19	18.30	18.27	18.31	19.6
5	256QAM	12	7	18.25	18.15	18.38	18.16	18.14	
5	256QAM	12	13	18.10	18.35	18.14	18.29	18.10	
5	256QAM	25	0	18.22	18.18	18.19	18.28	18.10	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.18	22.11	22.19	22.16	22.18	23.8
20	QPSK	1	49	22.12	22.09	22.11	22.11	22.03	
20	QPSK	1	99	22.09	22.04	22.07	22.11	22.06	
20	QPSK	50	0	22.14	22.08	22.15	22.10	22.12	23.6
20	QPSK	50	24	22.13	22.08	22.11	22.10	22.09	
20	QPSK	50	50	22.11	22.06	22.07	22.10	22.05	
20	QPSK	100	0	22.11	22.04	22.12	22.10	22.08	
20	16QAM	1	0	22.27	22.23	22.17	22.19	22.28	23.6
20	16QAM	1	49	22.11	22.06	22.06	22.07	22.16	
20	16QAM	1	99	22.17	22.10	22.13	22.09	22.19	
20	16QAM	50	0	21.55	21.50	21.52	21.52	21.55	22.6
20	16QAM	50	24	21.55	21.50	21.49	21.53	21.53	
20	16QAM	50	50	21.53	21.49	21.50	21.52	21.51	
20	16QAM	100	0	21.52	21.47	21.49	21.52	21.51	
20	64QAM	1	0	21.38	21.32	21.26	21.28	21.36	22.6
20	64QAM	1	49	21.24	21.16	21.16	21.16	21.28	
20	64QAM	1	99	21.28	21.18	21.23	21.19	21.28	
20	64QAM	50	0	20.52	20.46	20.48	20.50	20.52	21.6
20	64QAM	50	24	20.49	20.46	20.46	20.52	20.50	
20	64QAM	50	50	20.49	20.46	20.47	20.51	20.51	
20	64QAM	100	0	20.50	20.45	20.47	20.51	20.51	
20	256QAM	1	0	18.22	18.21	18.23	18.13	18.28	19.6
20	256QAM	1	49	18.27	18.11	18.15	18.20	18.24	
20	256QAM	1	99	18.18	18.28	18.27	18.34	18.25	
20	256QAM	50	0	18.32	18.24	18.29	18.44	18.39	19.6
20	256QAM	50	24	18.34	18.30	18.41	18.31	18.23	
20	256QAM	50	50	18.21	18.35	18.25	18.38	18.18	
20	256QAM	100	0	18.32	18.26	18.21	18.37	18.18	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.11	22.01	22.04	22.12	22.09	23.80
15	QPSK	1	37	22.05	22.01	22.10	22.12	21.94	
15	QPSK	1	74	22.09	21.96	22.00	22.08	22.00	
15	QPSK	36	0	22.16	22.05	22.13	22.02	22.02	23.6
15	QPSK	36	20	22.07	22.01	22.02	22.07	22.08	
15	QPSK	36	39	22.02	22.00	21.98	22.09	21.95	
15	QPSK	75	0	22.02	22.03	22.07	22.08	22.04	
15	16QAM	1	0	22.22	22.17	22.09	22.12	22.23	23.6
15	16QAM	1	37	22.07	22.05	21.96	22.00	22.16	
15	16QAM	1	74	22.07	22.07	22.08	22.03	22.15	
15	16QAM	36	0	21.55	21.44	21.46	21.51	21.50	22.6
15	16QAM	36	20	21.49	21.41	21.46	21.51	21.51	
15	16QAM	36	39	21.46	21.39	21.50	21.45	21.46	
15	16QAM	75	0	21.47	21.38	21.40	21.43	21.51	
15	64QAM	1	0	21.36	21.30	21.26	21.22	21.33	22.6
15	64QAM	1	37	21.16	21.07	21.13	21.11	21.21	
15	64QAM	1	74	21.18	21.11	21.19	21.18	21.20	
15	64QAM	36	0	20.43	20.45	20.48	20.48	20.43	21.6
15	64QAM	36	20	20.43	20.36	20.44	20.43	20.50	
15	64QAM	36	39	20.46	20.46	20.45	20.46	20.47	
15	64QAM	75	0	20.45	20.37	20.46	20.51	20.41	
15	256QAM	1	0	18.15	18.13	18.13	18.11	18.22	19.6
15	256QAM	1	37	18.27	18.10	18.10	18.11	18.22	
15	256QAM	1	74	18.11	18.19	18.18	18.26	18.19	
15	256QAM	36	0	18.27	18.15	18.29	18.44	18.29	19.6

15	256QAM	36	20	18.24	18.23	18.33	18.31	18.18	
15	256QAM	36	39	18.18	18.31	18.22	18.28	18.14	
15	256QAM	75	0	18.32	18.22	18.18	18.32	18.10	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.08	22.07	22.04	22.09	22.15	23.80
10	QPSK	1	25	22.07	22.02	22.08	22.11	21.97	
10	QPSK	1	49	22.00	22.00	22.03	22.09	22.03	
10	QPSK	25	0	22.10	22.06	22.04	22.09	22.12	23.6
10	QPSK	25	12	22.11	22.01	22.11	22.04	22.00	
10	QPSK	25	25	22.09	22.02	22.00	22.05	22.05	
10	QPSK	50	0	22.03	21.96	22.04	22.01	22.02	
10	16QAM	1	0	22.24	22.22	22.15	22.18	22.19	23.6
10	16QAM	1	25	22.07	22.02	22.04	22.05	22.06	
10	16QAM	1	49	22.12	22.05	22.13	22.07	22.11	
10	16QAM	25	0	21.55	21.44	21.50	21.48	21.52	22.6
10	16QAM	25	12	21.51	21.46	21.40	21.47	21.52	
10	16QAM	25	25	21.46	21.43	21.46	21.50	21.51	
10	16QAM	50	0	21.49	21.47	21.44	21.46	21.50	
10	64QAM	1	0	21.36	21.25	21.23	21.25	21.31	22.6
10	64QAM	1	25	21.14	21.08	21.14	21.08	21.20	
10	64QAM	1	49	21.25	21.14	21.15	21.17	21.26	
10	64QAM	25	0	20.51	20.46	20.42	20.47	20.48	21.6
10	64QAM	25	12	20.40	20.37	20.43	20.45	20.40	
10	64QAM	25	25	20.39	20.44	20.44	20.46	20.44	
10	64QAM	50	0	20.50	20.44	20.43	20.46	20.47	
10	256QAM	1	0	18.20	18.19	18.23	18.06	18.25	19.6
10	256QAM	1	25	18.27	18.02	18.07	18.17	18.22	
10	256QAM	1	49	18.10	18.21	18.22	18.24	18.21	
10	256QAM	25	0	18.23	18.15	18.23	18.34	18.39	19.6
10	256QAM	25	12	18.29	18.21	18.32	18.24	18.17	
10	256QAM	25	25	18.18	18.28	18.22	18.35	18.11	
10	256QAM	50	0	18.25	18.23	18.19	18.35	18.13	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	22.04	22.01	21.97	22.06	22.07	23.80
5	QPSK	1	12	22.09	22.08	22.04	22.14	22.01	
5	QPSK	1	24	22.01	22.00	21.97	22.10	21.98	
5	QPSK	12	0	22.13	22.08	22.12	22.05	22.08	23.6
5	QPSK	12	7	22.09	22.02	22.11	22.08	22.07	
5	QPSK	12	13	22.01	22.03	22.03	22.01	22.02	
5	QPSK	25	0	22.05	22.04	22.05	22.01	22.00	
5	16QAM	1	0	22.24	22.16	22.10	22.12	22.21	23.6
5	16QAM	1	12	22.07	21.98	21.99	22.04	22.08	
5	16QAM	1	24	22.15	22.10	22.06	22.01	22.16	
5	16QAM	12	0	21.47	21.50	21.52	21.49	21.55	22.6
5	16QAM	12	7	21.45	21.44	21.45	21.48	21.43	
5	16QAM	12	13	21.53	21.49	21.47	21.47	21.49	
5	16QAM	25	0	21.45	21.45	21.47	21.45	21.44	
5	64QAM	1	0	21.35	21.24	21.19	21.19	21.35	22.6
5	64QAM	1	12	21.23	21.10	21.13	21.06	21.19	
5	64QAM	1	24	21.28	21.16	21.21	21.14	21.24	
5	64QAM	12	0	20.44	20.46	20.45	20.40	20.45	21.6
5	64QAM	12	7	20.45	20.43	20.37	20.50	20.48	
5	64QAM	12	13	20.47	20.39	20.47	20.45	20.43	
5	64QAM	25	0	20.41	20.36	20.46	20.45	20.46	
5	256QAM	1	0	18.20	18.14	18.13	18.10	18.25	19.6
5	256QAM	1	12	18.23	18.06	18.13	18.19	18.17	
5	256QAM	1	24	18.12	18.27	18.25	18.29	18.23	
5	256QAM	12	0	18.27	18.20	18.23	18.43	18.29	19.6
5	256QAM	12	7	18.29	18.20	18.35	18.25	18.17	
5	256QAM	12	13	18.16	18.34	18.19	18.34	18.09	
5	256QAM	25	0	18.31	18.17	18.13	18.30	18.08	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.18	22.11	22.19	22.16	22.18	23.1
20	QPSK	1	49	22.12	22.09	22.11	22.11	22.03	
20	QPSK	1	99	22.09	22.04	22.07	22.11	22.06	
20	QPSK	50	0	22.14	22.08	22.15	22.10	22.12	23.1
20	QPSK	50	24	22.13	22.08	22.11	22.10	22.09	
20	QPSK	50	50	22.11	22.06	22.07	22.10	22.05	
20	QPSK	100	0	22.11	22.04	22.12	22.10	22.08	
20	16QAM	1	0	22.27	22.23	22.17	22.19	22.28	23.1
20	16QAM	1	49	22.11	22.06	22.06	22.07	22.16	
20	16QAM	1	99	22.17	22.10	22.13	22.09	22.19	
20	16QAM	50	0	21.55	21.50	21.52	21.52	21.55	22.6
20	16QAM	50	24	21.55	21.50	21.49	21.53	21.53	
20	16QAM	50	50	21.53	21.49	21.50	21.52	21.51	
20	16QAM	100	0	21.52	21.47	21.49	21.52	21.51	
20	64QAM	1	0	21.38	21.32	21.26	21.28	21.36	22.6
20	64QAM	1	49	21.24	21.16	21.16	21.16	21.28	
20	64QAM	1	99	21.28	21.18	21.23	21.19	21.28	
20	64QAM	50	0	20.52	20.46	20.48	20.50	20.52	21.6
20	64QAM	50	24	20.49	20.46	20.46	20.52	20.50	
20	64QAM	50	50	20.49	20.46	20.47	20.51	20.51	
20	64QAM	100	0	20.50	20.45	20.47	20.51	20.51	
20	256QAM	1	0	18.22	18.21	18.23	18.13	18.28	19.6
20	256QAM	1	49	18.27	18.11	18.15	18.20	18.24	
20	256QAM	1	99	18.18	18.28	18.27	18.34	18.25	
20	256QAM	50	0	18.32	18.24	18.29	18.44	18.39	19.6
20	256QAM	50	24	18.34	18.30	18.41	18.31	18.23	
20	256QAM	50	50	18.21	18.35	18.25	18.38	18.18	
20	256QAM	100	0	18.32	18.26	18.21	18.37	18.18	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.11	22.01	22.04	22.12	22.09	23.10
15	QPSK	1	37	22.05	22.01	22.10	22.12	21.94	
15	QPSK	1	74	22.09	21.96	22.00	22.08	22.00	
15	QPSK	36	0	22.16	22.05	22.13	22.02	22.02	23.1
15	QPSK	36	20	22.07	22.01	22.02	22.07	22.08	
15	QPSK	36	39	22.02	22.00	21.98	22.09	21.95	
15	QPSK	75	0	22.02	22.03	22.07	22.08	22.04	
15	16QAM	1	0	22.22	22.17	22.09	22.12	22.23	23.1
15	16QAM	1	37	22.07	22.05	21.96	22.00	22.16	
15	16QAM	1	74	22.07	22.07	22.08	22.03	22.15	
15	16QAM	36	0	21.55	21.44	21.46	21.51	21.50	22.6
15	16QAM	36	20	21.49	21.41	21.46	21.51	21.51	
15	16QAM	36	39	21.46	21.39	21.50	21.45	21.46	
15	16QAM	75	0	21.47	21.38	21.40	21.43	21.51	
15	64QAM	1	0	21.36	21.30	21.26	21.22	21.33	22.6
15	64QAM	1	37	21.16	21.07	21.13	21.11	21.21	
15	64QAM	1	74	21.18	21.11	21.19	21.18	21.20	
15	64QAM	36	0	20.43	20.45	20.48	20.48	20.43	21.6
15	64QAM	36	20	20.43	20.36	20.44	20.43	20.50	
15	64QAM	36	39	20.46	20.46	20.45	20.46	20.47	
15	64QAM	75	0	20.45	20.37	20.46	20.51	20.41	
15	256QAM	1	0	18.15	18.13	18.13	18.11	18.22	19.6
15	256QAM	1	37	18.27	18.10	18.10	18.11	18.22	
15	256QAM	1	74	18.11	18.19	18.18	18.26	18.19	
15	256QAM	36	0	18.27	18.15	18.29	18.44	18.29	19.6

15	256QAM	36	20	18.24	18.23	18.33	18.31	18.18	
15	256QAM	36	39	18.18	18.31	18.22	18.28	18.14	
15	256QAM	75	0	18.32	18.22	18.18	18.32	18.10	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.08	22.07	22.04	22.09	22.15	23.10
10	QPSK	1	25	22.07	22.02	22.08	22.11	21.97	
10	QPSK	1	49	22.00	22.00	22.03	22.09	22.03	
10	QPSK	25	0	22.10	22.06	22.04	22.09	22.12	23.1
10	QPSK	25	12	22.11	22.01	22.11	22.04	22.00	
10	QPSK	25	25	22.09	22.02	22.00	22.05	22.05	
10	QPSK	50	0	22.03	21.96	22.04	22.01	22.02	
10	16QAM	1	0	22.24	22.22	22.15	22.18	22.19	23.1
10	16QAM	1	25	22.07	22.02	22.04	22.05	22.06	
10	16QAM	1	49	22.12	22.05	22.13	22.07	22.11	
10	16QAM	25	0	21.55	21.44	21.50	21.48	21.52	22.6
10	16QAM	25	12	21.51	21.46	21.40	21.47	21.52	
10	16QAM	25	25	21.46	21.43	21.46	21.50	21.51	
10	16QAM	50	0	21.49	21.47	21.44	21.46	21.50	
10	64QAM	1	0	21.36	21.25	21.23	21.25	21.31	22.6
10	64QAM	1	25	21.14	21.08	21.14	21.08	21.20	
10	64QAM	1	49	21.25	21.14	21.15	21.17	21.26	
10	64QAM	25	0	20.51	20.46	20.42	20.47	20.48	21.6
10	64QAM	25	12	20.40	20.37	20.43	20.45	20.40	
10	64QAM	25	25	20.39	20.44	20.44	20.46	20.44	
10	64QAM	50	0	20.50	20.44	20.43	20.46	20.47	
10	256QAM	1	0	18.20	18.19	18.23	18.06	18.25	19.6
10	256QAM	1	25	18.27	18.02	18.07	18.17	18.22	
10	256QAM	1	49	18.10	18.21	18.22	18.24	18.21	
10	256QAM	25	0	18.23	18.15	18.23	18.34	18.39	19.6
10	256QAM	25	12	18.29	18.21	18.32	18.24	18.17	
10	256QAM	25	25	18.18	18.28	18.22	18.35	18.11	
10	256QAM	50	0	18.25	18.23	18.19	18.35	18.13	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	22.04	22.01	21.97	22.06	22.07	23.10
5	QPSK	1	12	22.09	22.08	22.04	22.14	22.01	
5	QPSK	1	24	22.01	22.00	21.97	22.10	21.98	
5	QPSK	12	0	22.13	22.08	22.12	22.05	22.08	23.1
5	QPSK	12	7	22.09	22.02	22.11	22.08	22.07	
5	QPSK	12	13	22.01	22.03	22.03	22.01	22.02	
5	QPSK	25	0	22.05	22.04	22.05	22.01	22.00	
5	16QAM	1	0	22.24	22.16	22.10	22.12	22.21	23.1
5	16QAM	1	12	22.07	21.98	21.99	22.04	22.08	
5	16QAM	1	24	22.15	22.10	22.06	22.01	22.16	
5	16QAM	12	0	21.47	21.50	21.52	21.49	21.55	22.6
5	16QAM	12	7	21.45	21.44	21.45	21.48	21.43	
5	16QAM	12	13	21.53	21.49	21.47	21.47	21.49	
5	16QAM	25	0	21.45	21.45	21.47	21.45	21.44	
5	64QAM	1	0	21.35	21.24	21.19	21.19	21.35	22.6
5	64QAM	1	12	21.23	21.10	21.13	21.06	21.19	
5	64QAM	1	24	21.28	21.16	21.21	21.14	21.24	
5	64QAM	12	0	20.44	20.46	20.45	20.40	20.45	21.6
5	64QAM	12	7	20.45	20.43	20.37	20.50	20.48	
5	64QAM	12	13	20.47	20.39	20.47	20.45	20.43	
5	64QAM	25	0	20.41	20.36	20.46	20.45	20.46	
5	256QAM	1	0	18.20	18.14	18.13	18.10	18.25	19.6
5	256QAM	1	12	18.23	18.06	18.13	18.19	18.17	
5	256QAM	1	24	18.12	18.27	18.25	18.29	18.23	
5	256QAM	12	0	18.27	18.20	18.23	18.43	18.29	19.6
5	256QAM	12	7	18.29	18.20	18.35	18.25	18.17	
5	256QAM	12	13	18.16	18.34	18.19	18.34	18.09	
5	256QAM	25	0	18.31	18.17	18.13	18.30	18.08	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.41	25.40	25.42	25.35	25.38	26.5
20	QPSK	1	49	25.34	25.28	25.35	25.25	25.35	
20	QPSK	1	99	25.37	25.33	25.39	25.31	25.33	
20	QPSK	50	0	24.43	24.43	24.45	24.39	24.38	25.5
20	QPSK	50	24	24.41	24.38	24.42	24.40	24.35	
20	QPSK	50	50	24.47	24.42	24.40	24.48	24.42	
20	QPSK	100	0	24.39	24.39	24.41	24.40	24.36	
20	16QAM	1	0	24.73	24.75	24.72	24.67	24.80	25.5
20	16QAM	1	49	24.62	24.60	24.63	24.55	24.68	
20	16QAM	1	99	24.68	24.63	24.71	24.59	24.66	
20	16QAM	50	0	23.52	23.43	23.45	23.46	23.49	24.5
20	16QAM	50	24	23.50	23.43	23.43	23.46	23.49	
20	16QAM	50	50	23.49	23.42	23.42	23.45	23.47	
20	16QAM	100	0	23.49	23.41	23.41	23.43	23.47	
20	64QAM	1	0	23.61	23.60	23.51	23.48	23.63	24.5
20	64QAM	1	49	23.50	23.43	23.42	23.36	23.56	
20	64QAM	1	99	23.52	23.43	23.51	23.41	23.52	
20	64QAM	50	0	22.45	22.41	22.38	22.40	22.52	23.5
20	64QAM	50	24	22.45	22.39	22.36	22.48	22.43	
20	64QAM	50	50	22.47	22.39	22.38	22.41	22.41	
20	64QAM	100	0	22.46	22.39	22.36	22.41	22.42	
20	256QAM	1	0	20.23	20.32	20.25	20.27	20.21	21.5
20	256QAM	1	49	20.32	20.37	20.27	20.20	20.27	
20	256QAM	1	99	20.23	20.32	20.27	20.25	20.21	
20	256QAM	50	0	20.27	20.40	20.42	20.42	20.29	21.5
20	256QAM	50	24	20.40	20.29	20.39	20.43	20.29	
20	256QAM	50	50	20.36	20.41	20.31	20.38	20.41	
20	256QAM	100	0	20.25	20.33	20.32	20.22	20.28	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.23	25.19	25.23	25.29	25.16	26.50
15	QPSK	1	37	25.32	25.20	25.28	25.01	25.17	
15	QPSK	1	74	25.22	25.14	25.26	25.23	25.08	
15	QPSK	36	0	24.28	24.17	24.17	24.21	24.14	25.5
15	QPSK	36	20	24.26	24.16	24.16	24.19	24.11	
15	QPSK	36	39	24.27	24.16	24.17	24.19	24.11	
15	QPSK	75	0	24.27	24.15	24.16	24.20	24.06	
15	16QAM	1	0	24.41	24.41	24.42	24.43	24.39	25.5
15	16QAM	1	37	24.53	24.47	24.56	24.54	24.49	
15	16QAM	1	74	24.41	24.35	24.44	24.37	24.34	
15	16QAM	36	0	23.20	23.11	23.11	23.15	23.09	24.5
15	16QAM	36	20	23.21	23.10	23.11	23.14	23.09	
15	16QAM	36	39	23.20	23.09	23.12	23.12	23.09	
15	16QAM	75	0	23.25	23.14	23.17	23.17	23.10	
15	64QAM	1	0	23.30	23.24	23.21	23.24	23.22	24.5
15	64QAM	1	37	23.28	23.18	23.20	23.22	23.17	
15	64QAM	1	74	23.28	23.16	23.24	23.19	23.19	
15	64QAM	36	0	22.20	22.10	22.09	22.15	22.08	23.5
15	64QAM	36	20	22.17	22.05	22.08	22.13	22.05	
15	64QAM	36	39	22.15	22.04	22.09	22.12	22.04	
15	64QAM	75	0	22.19	22.08	22.12	22.13	22.04	
15	256QAM	1	0	20.40	20.38	20.22	20.39	20.39	21.5
15	256QAM	1	37	20.37	20.31	20.37	20.28	20.26	
15	256QAM	1	74	20.24	20.29	20.35	20.23	20.26	
15	256QAM	36	0	20.37	20.33	20.26	20.39	20.25	21.5

15	256QAM	36	20	20.37	20.25	20.25	20.26	20.40	
15	256QAM	36	39	20.34	20.31	20.26	20.25	20.31	
15	256QAM	75	0	20.37	20.23	20.25	20.20	20.27	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.07	25.05	25.09	25.08	25.03	26.50
10	QPSK	1	25	25.05	25.00	25.08	25.03	24.97	
10	QPSK	1	49	25.11	25.03	25.10	25.07	25.00	
10	QPSK	25	0	24.24	24.12	24.12	24.18	24.06	25.5
10	QPSK	25	12	24.21	24.10	24.14	24.17	24.03	
10	QPSK	25	25	24.22	24.11	24.13	24.18	24.03	
10	QPSK	50	0	24.25	24.12	24.13	24.22	24.05	
10	16QAM	1	0	24.35	24.33	24.38	24.38	24.37	25.5
10	16QAM	1	25	24.48	24.46	24.56	24.51	24.49	
10	16QAM	1	49	24.34	24.28	24.39	24.33	24.30	
10	16QAM	25	0	23.22	23.13	23.15	23.19	23.10	24.5
10	16QAM	25	12	23.20	23.10	23.15	23.15	23.08	
10	16QAM	25	25	23.21	23.12	23.16	23.18	23.09	
10	16QAM	50	0	23.21	23.10	23.11	23.19	23.08	
10	64QAM	1	0	23.26	23.21	23.19	23.21	23.22	24.5
10	64QAM	1	25	23.30	23.27	23.30	23.27	23.28	
10	64QAM	1	49	23.19	23.13	23.16	23.15	23.15	
10	64QAM	25	0	22.22	22.15	22.13	22.19	22.12	23.5
10	64QAM	25	12	22.19	22.12	22.13	22.17	22.08	
10	64QAM	25	25	22.20	22.12	22.13	22.19	22.08	
10	64QAM	50	0	22.19	22.08	22.06	22.15	22.01	
10	256QAM	1	0	20.24	20.34	20.32	20.21	20.25	21.5
10	256QAM	1	25	20.24	20.26	20.38	20.23	20.22	
10	256QAM	1	49	20.40	20.39	20.27	20.31	20.25	
10	256QAM	25	0	20.30	20.30	20.41	20.34	20.34	21.5
10	256QAM	25	12	20.33	20.45	20.36	20.45	20.29	
10	256QAM	25	25	20.39	20.34	20.41	20.25	20.25	
10	256QAM	50	0	20.29	20.23	20.32	20.23	20.23	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.04	25.06	25.10	25.09	25.03	26.50
5	QPSK	1	12	25.16	25.16	25.20	25.18	25.12	
5	QPSK	1	24	25.03	25.01	25.09	25.05	24.93	
5	QPSK	12	0	24.16	24.08	24.07	24.13	23.98	25.5
5	QPSK	12	7	24.15	24.07	24.09	24.17	24.02	
5	QPSK	12	13	24.15	24.08	24.07	24.14	23.97	
5	QPSK	25	0	24.17	24.09	24.11	24.16	24.00	
5	16QAM	1	0	24.28	24.29	24.35	24.34	24.31	25.5
5	16QAM	1	12	24.42	24.44	24.52	24.49	24.45	
5	16QAM	1	24	24.28	24.29	24.36	24.31	24.30	
5	16QAM	12	0	23.15	23.12	23.11	23.16	23.08	24.5
5	16QAM	12	7	23.10	23.04	23.08	23.13	23.05	
5	16QAM	12	13	23.14	23.10	23.14	23.13	23.06	
5	16QAM	25	0	23.15	23.11	23.12	23.17	23.06	
5	64QAM	1	0	23.11	23.10	23.08	23.10	23.10	24.5
5	64QAM	1	12	23.24	23.25	23.29	23.28	23.28	
5	64QAM	1	24	23.13	23.12	23.14	23.12	23.12	
5	64QAM	12	0	22.12	22.07	22.05	22.11	22.04	23.5
5	64QAM	12	7	22.07	22.03	22.05	22.10	22.03	
5	64QAM	12	13	22.09	22.07	22.08	22.09	22.05	
5	64QAM	25	0	22.13	22.10	22.12	22.15	22.05	
5	256QAM	1	0	20.31	20.29	20.27	20.35	20.28	21.5
5	256QAM	1	12	20.26	20.29	20.29	20.35	20.22	
5	256QAM	1	24	20.21	20.24	20.30	20.24	20.25	
5	256QAM	12	0	20.25	20.33	20.34	20.36	20.32	21.5
5	256QAM	12	7	20.28	20.29	20.27	20.30	20.29	
5	256QAM	12	13	20.43	20.30	20.34	20.31	20.25	
5	256QAM	25	0	20.31	20.31	20.23	20.29	20.23	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.41	25.40	25.42	25.35	25.38	26.5
20	QPSK	1	49	25.34	25.28	25.35	25.25	25.35	
20	QPSK	1	99	25.37	25.33	25.39	25.31	25.33	
20	QPSK	50	0	24.43	24.43	24.45	24.39	24.38	25.5
20	QPSK	50	24	24.41	24.38	24.42	24.40	24.35	
20	QPSK	50	50	24.47	24.42	24.40	24.48	24.42	
20	QPSK	100	0	24.39	24.39	24.41	24.40	24.36	
20	16QAM	1	0	24.73	24.75	24.72	24.67	24.80	25.5
20	16QAM	1	49	24.62	24.60	24.63	24.55	24.68	
20	16QAM	1	99	24.68	24.63	24.71	24.59	24.66	
20	16QAM	50	0	23.52	23.43	23.45	23.46	23.49	24.5
20	16QAM	50	24	23.50	23.43	23.43	23.46	23.49	
20	16QAM	50	50	23.49	23.42	23.42	23.45	23.47	
20	16QAM	100	0	23.49	23.41	23.41	23.43	23.47	
20	64QAM	1	0	23.61	23.60	23.51	23.48	23.63	24.5
20	64QAM	1	49	23.50	23.43	23.42	23.36	23.56	
20	64QAM	1	99	23.52	23.43	23.51	23.41	23.52	
20	64QAM	50	0	22.45	22.41	22.38	22.40	22.52	23.5
20	64QAM	50	24	22.45	22.39	22.36	22.48	22.43	
20	64QAM	50	50	22.47	22.39	22.38	22.41	22.41	
20	64QAM	100	0	22.46	22.39	22.36	22.41	22.42	
20	256QAM	1	0	20.23	20.32	20.25	20.27	20.21	21.5
20	256QAM	1	49	20.32	20.37	20.27	20.20	20.27	
20	256QAM	1	99	20.23	20.32	20.27	20.25	20.21	
20	256QAM	50	0	20.27	20.40	20.42	20.42	20.29	21.5
20	256QAM	50	24	20.40	20.29	20.39	20.43	20.29	
20	256QAM	50	50	20.36	20.41	20.31	20.38	20.41	
20	256QAM	100	0	20.25	20.33	20.32	20.22	20.28	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.23	25.19	25.23	25.29	25.16	26.50
15	QPSK	1	37	25.32	25.20	25.28	25.01	25.17	
15	QPSK	1	74	25.22	25.14	25.26	25.23	25.08	
15	QPSK	36	0	24.28	24.17	24.17	24.21	24.14	25.5
15	QPSK	36	20	24.26	24.16	24.16	24.19	24.11	
15	QPSK	36	39	24.27	24.16	24.17	24.19	24.11	
15	QPSK	75	0	24.27	24.15	24.16	24.20	24.06	
15	16QAM	1	0	24.41	24.41	24.42	24.43	24.39	25.5
15	16QAM	1	37	24.53	24.47	24.56	24.54	24.49	
15	16QAM	1	74	24.41	24.35	24.44	24.37	24.34	
15	16QAM	36	0	23.20	23.11	23.11	23.15	23.09	24.5
15	16QAM	36	20	23.21	23.10	23.11	23.14	23.09	
15	16QAM	36	39	23.20	23.09	23.12	23.12	23.09	
15	16QAM	75	0	23.25	23.14	23.17	23.17	23.10	
15	64QAM	1	0	23.30	23.24	23.21	23.24	23.22	24.5
15	64QAM	1	37	23.28	23.18	23.20	23.22	23.17	
15	64QAM	1	74	23.28	23.16	23.24	23.19	23.19	
15	64QAM	36	0	22.20	22.10	22.09	22.15	22.08	23.5
15	64QAM	36	20	22.17	22.05	22.08	22.13	22.05	
15	64QAM	36	39	22.15	22.04	22.09	22.12	22.04	
15	64QAM	75	0	22.19	22.08	22.12	22.13	22.04	
15	256QAM	1	0	20.40	20.38	20.22	20.39	20.39	21.5
15	256QAM	1	37	20.37	20.31	20.37	20.28	20.26	
15	256QAM	1	74	20.24	20.29	20.35	20.23	20.26	
15	256QAM	36	0	20.37	20.33	20.26	20.39	20.25	21.5

15	256QAM	36	20	20.37	20.25	20.25	20.26	20.40	
15	256QAM	36	39	20.34	20.31	20.26	20.25	20.31	
15	256QAM	75	0	20.37	20.23	20.25	20.20	20.27	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.07	25.05	25.09	25.08	25.03	26.50
10	QPSK	1	25	25.05	25.00	25.08	25.03	24.97	
10	QPSK	1	49	25.11	25.03	25.10	25.07	25.00	
10	QPSK	25	0	24.24	24.12	24.12	24.18	24.06	25.5
10	QPSK	25	12	24.21	24.10	24.14	24.17	24.03	
10	QPSK	25	25	24.22	24.11	24.13	24.18	24.03	
10	QPSK	50	0	24.25	24.12	24.13	24.22	24.05	
10	16QAM	1	0	24.35	24.33	24.38	24.38	24.37	25.5
10	16QAM	1	25	24.48	24.46	24.56	24.51	24.49	
10	16QAM	1	49	24.34	24.28	24.39	24.33	24.30	
10	16QAM	25	0	23.22	23.13	23.15	23.19	23.10	24.5
10	16QAM	25	12	23.20	23.10	23.15	23.15	23.08	
10	16QAM	25	25	23.21	23.12	23.16	23.18	23.09	
10	16QAM	50	0	23.21	23.10	23.11	23.19	23.08	
10	64QAM	1	0	23.26	23.21	23.19	23.21	23.22	24.5
10	64QAM	1	25	23.30	23.27	23.30	23.27	23.28	
10	64QAM	1	49	23.19	23.13	23.16	23.15	23.15	
10	64QAM	25	0	22.22	22.15	22.13	22.19	22.12	23.5
10	64QAM	25	12	22.19	22.12	22.13	22.17	22.08	
10	64QAM	25	25	22.20	22.12	22.13	22.19	22.08	
10	64QAM	50	0	22.19	22.08	22.06	22.15	22.01	
10	256QAM	1	0	20.24	20.34	20.32	20.21	20.25	21.5
10	256QAM	1	25	20.24	20.26	20.38	20.23	20.22	
10	256QAM	1	49	20.40	20.39	20.27	20.31	20.25	
10	256QAM	25	0	20.30	20.30	20.41	20.34	20.34	21.5
10	256QAM	25	12	20.33	20.45	20.36	20.45	20.29	
10	256QAM	25	25	20.39	20.34	20.41	20.25	20.25	
10	256QAM	50	0	20.29	20.23	20.32	20.23	20.23	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.04	25.06	25.10	25.09	25.03	26.50
5	QPSK	1	12	25.16	25.16	25.20	25.18	25.12	
5	QPSK	1	24	25.03	25.01	25.09	25.05	24.93	
5	QPSK	12	0	24.16	24.08	24.07	24.13	23.98	25.5
5	QPSK	12	7	24.15	24.07	24.09	24.17	24.02	
5	QPSK	12	13	24.15	24.08	24.07	24.14	23.97	
5	QPSK	25	0	24.17	24.09	24.11	24.16	24.00	
5	16QAM	1	0	24.28	24.29	24.35	24.34	24.31	25.5
5	16QAM	1	12	24.42	24.44	24.52	24.49	24.45	
5	16QAM	1	24	24.28	24.29	24.36	24.31	24.30	
5	16QAM	12	0	23.15	23.12	23.11	23.16	23.08	24.5
5	16QAM	12	7	23.10	23.04	23.08	23.13	23.05	
5	16QAM	12	13	23.14	23.10	23.14	23.13	23.06	
5	16QAM	25	0	23.15	23.11	23.12	23.17	23.06	
5	64QAM	1	0	23.11	23.10	23.08	23.10	23.10	24.5
5	64QAM	1	12	23.24	23.25	23.29	23.28	23.28	
5	64QAM	1	24	23.13	23.12	23.14	23.12	23.12	
5	64QAM	12	0	22.12	22.07	22.05	22.11	22.04	23.5
5	64QAM	12	7	22.07	22.03	22.05	22.10	22.03	
5	64QAM	12	13	22.09	22.07	22.08	22.09	22.05	
5	64QAM	25	0	22.13	22.10	22.12	22.15	22.05	
5	256QAM	1	0	20.31	20.29	20.27	20.35	20.28	21.5
5	256QAM	1	12	20.26	20.29	20.29	20.35	20.22	
5	256QAM	1	24	20.21	20.24	20.30	20.24	20.25	
5	256QAM	12	0	20.25	20.33	20.34	20.36	20.32	21.5
5	256QAM	12	7	20.28	20.29	20.27	20.30	20.29	
5	256QAM	12	13	20.43	20.30	20.34	20.31	20.25	
5	256QAM	25	0	20.31	20.31	20.23	20.29	20.23	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.41	25.40	25.42	25.35	25.38	26.5
20	QPSK	1	49	25.34	25.28	25.35	25.25	25.35	
20	QPSK	1	99	25.37	25.33	25.39	25.31	25.33	
20	QPSK	50	0	24.43	24.43	24.45	24.39	24.38	25.5
20	QPSK	50	24	24.41	24.38	24.42	24.40	24.35	
20	QPSK	50	50	24.47	24.42	24.40	24.48	24.42	
20	QPSK	100	0	24.39	24.39	24.41	24.40	24.36	
20	16QAM	1	0	24.73	24.75	24.72	24.67	24.80	25.5
20	16QAM	1	49	24.62	24.60	24.63	24.55	24.68	
20	16QAM	1	99	24.68	24.63	24.71	24.59	24.66	
20	16QAM	50	0	23.52	23.43	23.45	23.46	23.49	24.5
20	16QAM	50	24	23.50	23.43	23.43	23.46	23.49	
20	16QAM	50	50	23.49	23.42	23.42	23.45	23.47	
20	16QAM	100	0	23.49	23.41	23.41	23.43	23.47	
20	64QAM	1	0	23.61	23.60	23.51	23.48	23.63	24.5
20	64QAM	1	49	23.50	23.43	23.42	23.36	23.56	
20	64QAM	1	99	23.52	23.43	23.51	23.41	23.52	
20	64QAM	50	0	22.45	22.41	22.38	22.40	22.52	23.5
20	64QAM	50	24	22.45	22.39	22.36	22.48	22.43	
20	64QAM	50	50	22.47	22.39	22.38	22.41	22.41	
20	64QAM	100	0	22.46	22.39	22.36	22.41	22.42	
20	256QAM	1	0	20.23	20.32	20.25	20.27	20.21	21.5
20	256QAM	1	49	20.32	20.37	20.27	20.20	20.27	
20	256QAM	1	99	20.23	20.32	20.27	20.25	20.21	
20	256QAM	50	0	20.27	20.40	20.42	20.42	20.29	21.5
20	256QAM	50	24	20.40	20.29	20.39	20.43	20.29	
20	256QAM	50	50	20.36	20.41	20.31	20.38	20.41	
20	256QAM	100	0	20.25	20.33	20.32	20.22	20.28	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.23	25.19	25.23	25.29	25.16	26.50
15	QPSK	1	37	25.32	25.20	25.28	25.01	25.17	
15	QPSK	1	74	25.22	25.14	25.26	25.23	25.08	
15	QPSK	36	0	24.28	24.17	24.17	24.21	24.14	25.5
15	QPSK	36	20	24.26	24.16	24.16	24.19	24.11	
15	QPSK	36	39	24.27	24.16	24.17	24.19	24.11	
15	QPSK	75	0	24.27	24.15	24.16	24.20	24.06	
15	16QAM	1	0	24.41	24.41	24.42	24.43	24.39	25.5
15	16QAM	1	37	24.53	24.47	24.56	24.54	24.49	
15	16QAM	1	74	24.41	24.35	24.44	24.37	24.34	
15	16QAM	36	0	23.20	23.11	23.11	23.15	23.09	24.5
15	16QAM	36	20	23.21	23.10	23.11	23.14	23.09	
15	16QAM	36	39	23.20	23.09	23.12	23.12	23.09	
15	16QAM	75	0	23.25	23.14	23.17	23.17	23.10	
15	64QAM	1	0	23.30	23.24	23.21	23.24	23.22	24.5
15	64QAM	1	37	23.28	23.18	23.20	23.22	23.17	
15	64QAM	1	74	23.28	23.16	23.24	23.19	23.19	
15	64QAM	36	0	22.20	22.10	22.09	22.15	22.08	23.5
15	64QAM	36	20	22.17	22.05	22.08	22.13	22.05	
15	64QAM	36	39	22.15	22.04	22.09	22.12	22.04	
15	64QAM	75	0	22.19	22.08	22.12	22.13	22.04	
15	256QAM	1	0	20.40	20.38	20.22	20.39	20.39	21.5
15	256QAM	1	37	20.37	20.31	20.37	20.28	20.26	
15	256QAM	1	74	20.24	20.29	20.35	20.23	20.26	
15	256QAM	36	0	20.37	20.33	20.26	20.39	20.25	21.5

15	256QAM	36	20	20.37	20.25	20.25	20.26	20.40	
15	256QAM	36	39	20.34	20.31	20.26	20.25	20.31	
15	256QAM	75	0	20.37	20.23	20.25	20.20	20.27	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.07	25.05	25.09	25.08	25.03	26.50
10	QPSK	1	25	25.05	25.00	25.08	25.03	24.97	
10	QPSK	1	49	25.11	25.03	25.10	25.07	25.00	
10	QPSK	25	0	24.24	24.12	24.12	24.18	24.06	25.5
10	QPSK	25	12	24.21	24.10	24.14	24.17	24.03	
10	QPSK	25	25	24.22	24.11	24.13	24.18	24.03	
10	QPSK	50	0	24.25	24.12	24.13	24.22	24.05	
10	16QAM	1	0	24.35	24.33	24.38	24.38	24.37	25.5
10	16QAM	1	25	24.48	24.46	24.56	24.51	24.49	
10	16QAM	1	49	24.34	24.28	24.39	24.33	24.30	
10	16QAM	25	0	23.22	23.13	23.15	23.19	23.10	24.5
10	16QAM	25	12	23.20	23.10	23.15	23.15	23.08	
10	16QAM	25	25	23.21	23.12	23.16	23.18	23.09	
10	16QAM	50	0	23.21	23.10	23.11	23.19	23.08	
10	64QAM	1	0	23.26	23.21	23.19	23.21	23.22	24.5
10	64QAM	1	25	23.30	23.27	23.30	23.27	23.28	
10	64QAM	1	49	23.19	23.13	23.16	23.15	23.15	
10	64QAM	25	0	22.22	22.15	22.13	22.19	22.12	23.5
10	64QAM	25	12	22.19	22.12	22.13	22.17	22.08	
10	64QAM	25	25	22.20	22.12	22.13	22.19	22.08	
10	64QAM	50	0	22.19	22.08	22.06	22.15	22.01	
10	256QAM	1	0	20.24	20.34	20.32	20.21	20.25	21.5
10	256QAM	1	25	20.24	20.26	20.38	20.23	20.22	
10	256QAM	1	49	20.40	20.39	20.27	20.31	20.25	
10	256QAM	25	0	20.30	20.30	20.41	20.34	20.34	21.5
10	256QAM	25	12	20.33	20.45	20.36	20.45	20.29	
10	256QAM	25	25	20.39	20.34	20.41	20.25	20.25	
10	256QAM	50	0	20.29	20.23	20.32	20.23	20.23	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.04	25.06	25.10	25.09	25.03	26.50
5	QPSK	1	12	25.16	25.16	25.20	25.18	25.12	
5	QPSK	1	24	25.03	25.01	25.09	25.05	24.93	
5	QPSK	12	0	24.16	24.08	24.07	24.13	23.98	25.5
5	QPSK	12	7	24.15	24.07	24.09	24.17	24.02	
5	QPSK	12	13	24.15	24.08	24.07	24.14	23.97	
5	QPSK	25	0	24.17	24.09	24.11	24.16	24.00	
5	16QAM	1	0	24.28	24.29	24.35	24.34	24.31	25.5
5	16QAM	1	12	24.42	24.44	24.52	24.49	24.45	
5	16QAM	1	24	24.28	24.29	24.36	24.31	24.30	
5	16QAM	12	0	23.15	23.12	23.11	23.16	23.08	24.5
5	16QAM	12	7	23.10	23.04	23.08	23.13	23.05	
5	16QAM	12	13	23.14	23.10	23.14	23.13	23.06	
5	16QAM	25	0	23.15	23.11	23.12	23.17	23.06	
5	64QAM	1	0	23.11	23.10	23.08	23.10	23.10	24.5
5	64QAM	1	12	23.24	23.25	23.29	23.28	23.28	
5	64QAM	1	24	23.13	23.12	23.14	23.12	23.12	
5	64QAM	12	0	22.12	22.07	22.05	22.11	22.04	23.5
5	64QAM	12	7	22.07	22.03	22.05	22.10	22.03	
5	64QAM	12	13	22.09	22.07	22.08	22.09	22.05	
5	64QAM	25	0	22.13	22.10	22.12	22.15	22.05	
5	256QAM	1	0	20.31	20.29	20.27	20.35	20.28	21.5
5	256QAM	1	12	20.26	20.29	20.29	20.35	20.22	
5	256QAM	1	24	20.21	20.24	20.30	20.24	20.25	
5	256QAM	12	0	20.25	20.33	20.34	20.36	20.32	21.5
5	256QAM	12	7	20.28	20.29	20.27	20.30	20.29	
5	256QAM	12	13	20.43	20.30	20.34	20.31	20.25	
5	256QAM	25	0	20.31	20.31	20.23	20.29	20.23	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.09	21.09	21.10	21.06	21.14	22.7
20	QPSK	1	49	21.02	20.97	20.93	20.95	21.07	
20	QPSK	1	99	21.07	20.98	21.02	21.01	21.11	
20	QPSK	50	0	21.19	21.13	21.16	21.18	21.18	22.7
20	QPSK	50	24	21.14	21.12	21.11	21.17	21.15	
20	QPSK	50	50	21.15	21.11	21.12	21.17	21.13	
20	QPSK	100	0	21.16	21.10	21.11	21.16	21.14	
20	16QAM	1	0	21.45	21.44	21.36	21.41	21.48	22.7
20	16QAM	1	49	21.30	21.27	21.23	21.30	21.37	
20	16QAM	1	99	21.40	21.32	21.35	21.32	21.40	
20	16QAM	50	0	21.21	21.17	21.17	21.22	21.24	22.7
20	16QAM	50	24	21.21	21.16	21.16	21.19	21.22	
20	16QAM	50	50	21.19	21.15	21.16	21.22	21.18	
20	16QAM	100	0	21.18	21.13	21.14	21.21	21.19	
20	64QAM	1	0	21.31	21.26	21.19	21.28	21.30	22.7
20	64QAM	1	49	21.15	21.11	21.10	21.14	21.23	
20	64QAM	1	99	21.21	21.14	21.16	21.15	21.22	
20	64QAM	50	0	21.20	21.13	21.16	21.21	21.21	22.7
20	64QAM	50	24	21.18	21.13	21.14	21.18	21.19	
20	64QAM	50	50	21.19	21.17	21.15	21.19	21.18	
20	64QAM	100	0	21.18	21.13	21.14	21.19	21.19	
20	256QAM	1	0	20.15	20.29	20.23	20.26	20.14	21.5
20	256QAM	1	49	20.28	20.29	20.20	20.15	20.21	
20	256QAM	1	99	20.14	20.26	20.17	20.20	20.21	
20	256QAM	50	0	20.20	20.36	20.37	20.36	20.24	21.5
20	256QAM	50	24	20.36	20.27	20.29	20.38	20.24	
20	256QAM	50	50	20.36	20.40	20.31	20.30	20.38	
20	256QAM	100	0	20.21	20.31	20.23	20.16	20.19	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.11	21.09	20.94	20.97	21.11	22.70
15	QPSK	1	37	21.01	20.93	20.90	20.92	20.99	
15	QPSK	1	74	21.07	20.92	21.00	21.01	21.07	
15	QPSK	36	0	21.12	21.10	21.15	21.14	21.08	22.7
15	QPSK	36	20	21.05	21.05	21.05	21.17	21.10	
15	QPSK	36	39	21.05	21.04	21.07	21.12	21.03	
15	QPSK	75	0	21.09	21.05	21.08	21.13	21.05	
15	16QAM	1	0	21.44	21.44	21.34	21.32	21.41	22.7
15	16QAM	1	37	21.22	21.27	21.16	21.21	21.36	
15	16QAM	1	74	21.30	21.27	21.28	21.30	21.35	
15	16QAM	36	0	21.14	21.11	21.09	21.16	21.14	22.7
15	16QAM	36	20	21.21	21.12	21.11	21.16	21.22	
15	16QAM	36	39	21.16	21.12	21.09	21.13	21.13	
15	16QAM	75	0	21.08	21.09	21.08	21.18	21.09	
15	64QAM	1	0	21.26	21.16	21.13	21.24	21.22	22.7
15	64QAM	1	37	21.11	21.06	21.02	21.13	21.17	
15	64QAM	1	74	21.13	21.12	21.12	21.05	21.12	
15	64QAM	36	0	21.10	21.12	21.13	21.12	21.16	22.7
15	64QAM	36	20	21.16	21.07	21.11	21.16	21.15	
15	64QAM	36	39	21.17	21.10	21.13	21.19	21.10	
15	64QAM	75	0	21.15	21.12	21.14	21.16	21.15	
15	256QAM	1	0	20.20	20.29	20.23	20.19	20.16	21.5
15	256QAM	1	37	20.22	20.33	20.22	20.12	20.27	
15	256QAM	1	74	20.13	20.23	20.26	20.19	20.21	
15	256QAM	36	0	20.26	20.32	20.40	20.33	20.27	21.5

15	256QAM	36	20	20.31	20.29	20.39	20.35	20.21	
15	256QAM	36	39	20.27	20.37	20.28	20.33	20.40	
15	256QAM	75	0	20.18	20.24	20.28	20.22	20.27	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.15	21.07	20.99	21.06	21.10	22.70
10	QPSK	1	25	20.94	20.93	20.87	20.90	21.02	
10	QPSK	1	49	20.99	20.90	20.96	20.93	21.01	
10	QPSK	25	0	21.19	21.12	21.06	21.15	21.17	22.7
10	QPSK	25	12	21.04	21.12	21.05	21.07	21.05	
10	QPSK	25	25	21.09	21.07	21.10	21.08	21.07	
10	QPSK	50	0	21.14	21.07	21.01	21.16	21.05	
10	16QAM	1	0	21.43	21.41	21.31	21.31	21.39	22.7
10	16QAM	1	25	21.28	21.25	21.17	21.26	21.30	
10	16QAM	1	49	21.36	21.24	21.35	21.25	21.30	
10	16QAM	25	0	21.18	21.11	21.10	21.22	21.24	22.7
10	16QAM	25	12	21.19	21.15	21.10	21.17	21.15	
10	16QAM	25	25	21.18	21.07	21.10	21.22	21.14	
10	16QAM	50	0	21.15	21.11	21.10	21.12	21.14	
10	64QAM	1	0	21.31	21.25	21.18	21.20	21.25	22.7
10	64QAM	1	25	21.14	21.06	21.00	21.10	21.21	
10	64QAM	1	49	21.19	21.12	21.09	21.13	21.18	
10	64QAM	25	0	21.18	21.07	21.13	21.19	21.13	22.7
10	64QAM	25	12	21.17	21.08	21.05	21.12	21.16	
10	64QAM	25	25	21.15	21.16	21.11	21.13	21.17	
10	64QAM	50	0	21.16	21.12	21.13	21.13	21.11	
10	256QAM	1	0	20.20	20.31	20.23	20.22	20.12	21.5
10	256QAM	1	25	20.31	20.28	20.21	20.13	20.26	
10	256QAM	1	49	20.18	20.23	20.23	20.20	20.21	
10	256QAM	25	0	20.17	20.39	20.32	20.32	20.22	21.5
10	256QAM	25	12	20.34	20.29	20.33	20.35	20.26	
10	256QAM	25	25	20.35	20.36	20.23	20.31	20.33	
10	256QAM	50	0	20.17	20.32	20.24	20.16	20.18	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	21.12	21.02	20.95	21.00	21.13	22.70
5	QPSK	1	12	20.97	20.87	20.89	20.85	21.07	
5	QPSK	1	24	21.03	20.92	20.98	20.97	21.04	
5	QPSK	12	0	21.10	21.13	21.14	21.16	21.08	22.7
5	QPSK	12	7	21.07	21.10	21.06	21.10	21.05	
5	QPSK	12	13	21.08	21.07	21.11	21.14	21.08	
5	QPSK	25	0	21.13	21.02	21.07	21.12	21.05	
5	16QAM	1	0	21.38	21.44	21.35	21.41	21.45	22.7
5	16QAM	1	12	21.22	21.26	21.21	21.22	21.28	
5	16QAM	1	24	21.38	21.29	21.28	21.28	21.31	
5	16QAM	12	0	21.11	21.10	21.14	21.14	21.24	22.7
5	16QAM	12	7	21.17	21.11	21.10	21.16	21.20	
5	16QAM	12	13	21.10	21.07	21.12	21.22	21.17	
5	16QAM	25	0	21.17	21.06	21.06	21.19	21.18	
5	64QAM	1	0	21.25	21.20	21.19	21.23	21.22	22.7
5	64QAM	1	12	21.11	21.10	21.03	21.04	21.15	
5	64QAM	1	24	21.13	21.11	21.13	21.06	21.19	
5	64QAM	12	0	21.16	21.07	21.15	21.18	21.20	22.7
5	64QAM	12	7	21.09	21.04	21.11	21.15	21.13	
5	64QAM	12	13	21.14	21.12	21.11	21.13	21.08	
5	64QAM	25	0	21.10	21.13	21.09	21.12	21.17	
5	256QAM	1	0	20.14	20.24	20.16	20.20	20.17	21.5
5	256QAM	1	12	20.32	20.32	20.24	20.11	20.23	
5	256QAM	1	24	20.16	20.30	20.27	20.15	20.20	
5	256QAM	12	0	20.27	20.33	20.36	20.37	20.24	21.5
5	256QAM	12	7	20.37	20.19	20.30	20.35	20.20	
5	256QAM	12	13	20.30	20.31	20.31	20.31	20.34	
5	256QAM	25	0	20.21	20.31	20.31	20.17	20.28	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.69	23.70	23.71	23.66	23.70	25.4
20	QPSK	1	49	23.62	23.57	23.59	23.55	23.66	
20	QPSK	1	99	23.66	23.57	23.66	23.61	23.66	
20	QPSK	50	0	23.77	23.69	23.72	23.79	23.77	25.4
20	QPSK	50	24	23.75	23.68	23.70	23.77	23.72	
20	QPSK	50	50	23.73	23.70	23.69	23.77	23.73	
20	QPSK	100	0	23.74	23.67	23.70	23.74	23.71	
20	16QAM	1	0	24.05	24.06	24.02	24.03	24.14	25.4
20	16QAM	1	49	23.95	23.93	23.93	23.88	24.02	
20	16QAM	1	99	23.98	23.96	23.99	23.90	24.02	
20	16QAM	50	0	23.51	23.46	23.45	23.51	23.53	24.5
20	16QAM	50	24	23.49	23.43	23.46	23.50	23.49	
20	16QAM	50	50	23.49	23.44	23.45	23.48	23.48	
20	16QAM	100	0	23.49	23.42	23.44	23.47	23.46	
20	64QAM	1	0	23.61	23.60	23.53	23.53	23.65	24.5
20	64QAM	1	49	23.47	23.43	23.46	23.38	23.54	
20	64QAM	1	99	23.51	23.45	23.53	23.42	23.54	
20	64QAM	50	0	22.47	22.40	22.40	22.44	22.45	23.5
20	64QAM	50	24	22.43	22.37	22.43	22.42	22.43	
20	64QAM	50	50	22.43	22.39	22.43	22.43	22.43	
20	64QAM	100	0	22.43	22.38	22.42	22.41	22.44	
20	256QAM	1	0	20.20	20.27	20.22	20.19	20.19	21.5
20	256QAM	1	49	20.25	20.30	20.21	20.18	20.20	
20	256QAM	1	99	20.19	20.28	20.21	20.19	20.16	
20	256QAM	50	0	20.23	20.39	20.36	20.38	20.25	21.5
20	256QAM	50	24	20.39	20.27	20.34	20.38	20.24	
20	256QAM	50	50	20.30	20.37	20.26	20.28	20.34	
20	256QAM	100	0	20.18	20.32	20.25	20.20	20.23	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.67	23.66	23.65	23.56	23.71	25.40
15	QPSK	1	37	23.61	23.51	23.68	23.57	23.56	
15	QPSK	1	74	23.61	23.57	23.59	23.52	23.61	
15	QPSK	36	0	23.67	23.59	23.62	23.78	23.72	25.4
15	QPSK	36	20	23.72	23.66	23.65	23.77	23.68	
15	QPSK	36	39	23.66	23.62	23.65	23.68	23.71	
15	QPSK	75	0	23.64	23.65	23.62	23.68	23.63	
15	16QAM	1	0	24.03	23.98	23.96	23.96	24.08	25.4
15	16QAM	1	37	23.92	23.90	23.92	23.79	23.92	
15	16QAM	1	74	23.98	23.93	23.89	23.86	23.93	
15	16QAM	36	0	23.43	23.38	23.36	23.45	23.49	24.5
15	16QAM	36	20	23.40	23.38	23.42	23.47	23.44	
15	16QAM	36	39	23.47	23.36	23.39	23.41	23.40	
15	16QAM	75	0	23.39	23.42	23.41	23.38	23.41	
15	64QAM	1	0	23.54	23.60	23.51	23.48	23.56	24.5
15	64QAM	1	37	23.37	23.42	23.46	23.35	23.48	
15	64QAM	1	74	23.46	23.40	23.53	23.36	23.53	
15	64QAM	36	0	22.41	22.38	22.36	22.41	22.41	23.5
15	64QAM	36	20	22.33	22.28	22.41	22.32	22.43	
15	64QAM	36	39	22.35	22.31	22.37	22.38	22.37	
15	64QAM	75	0	22.38	22.29	22.40	22.40	22.38	
15	256QAM	1	0	20.15	20.24	20.18	20.13	20.18	21.5
15	256QAM	1	37	20.23	20.22	20.15	20.16	20.13	
15	256QAM	1	74	20.10	20.24	20.11	20.12	20.08	
15	256QAM	36	0	20.22	20.30	20.35	20.36	20.17	21.5

15	256QAM	36	20	20.38	20.27	20.24	20.35	20.20	
15	256QAM	36	39	20.23	20.34	20.20	20.22	20.29	
15	256QAM	75	0	20.09	20.32	20.20	20.16	20.18	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.69	23.68	23.60	23.60	23.76	25.40
10	QPSK	1	25	23.60	23.54	23.61	23.55	23.63	
10	QPSK	1	49	23.66	23.52	23.59	23.61	23.64	
10	QPSK	25	0	23.74	23.59	23.68	23.77	23.77	25.4
10	QPSK	25	12	23.68	23.58	23.64	23.73	23.68	
10	QPSK	25	25	23.73	23.60	23.69	23.71	23.65	
10	QPSK	50	0	23.67	23.61	23.67	23.74	23.61	
10	16QAM	1	0	24.03	23.98	23.96	23.98	24.09	25.4
10	16QAM	1	25	23.93	23.83	23.93	23.80	23.96	
10	16QAM	1	49	23.97	23.91	23.91	23.86	24.01	
10	16QAM	25	0	23.48	23.36	23.41	23.45	23.49	24.5
10	16QAM	25	12	23.45	23.34	23.39	23.41	23.44	
10	16QAM	25	25	23.39	23.35	23.37	23.40	23.45	
10	16QAM	50	0	23.41	23.41	23.42	23.37	23.45	
10	64QAM	1	0	23.52	23.58	23.50	23.51	23.55	24.5
10	64QAM	1	25	23.38	23.34	23.41	23.29	23.51	
10	64QAM	1	49	23.48	23.44	23.48	23.38	23.52	
10	64QAM	25	0	22.47	22.32	22.34	22.37	22.43	23.5
10	64QAM	25	12	22.33	22.35	22.41	22.36	22.35	
10	64QAM	25	25	22.42	22.31	22.33	22.36	22.41	
10	64QAM	50	0	22.34	22.28	22.35	22.34	22.43	
10	256QAM	1	0	20.12	20.18	20.18	20.14	20.14	21.5
10	256QAM	1	25	20.19	20.29	20.11	20.18	20.16	
10	256QAM	1	49	20.10	20.21	20.17	20.13	20.14	
10	256QAM	25	0	20.23	20.31	20.36	20.31	20.17	21.5
10	256QAM	25	12	20.30	20.19	20.32	20.34	20.15	
10	256QAM	25	25	20.27	20.34	20.19	20.24	20.24	
10	256QAM	50	0	20.13	20.24	20.15	20.14	20.18	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.74	23.64	23.66	23.56	23.71	25.40
5	QPSK	1	12	23.60	23.51	23.67	23.56	23.61	
5	QPSK	1	24	23.56	23.53	23.62	23.60	23.65	
5	QPSK	12	0	23.73	23.59	23.67	23.74	23.68	25.4
5	QPSK	12	7	23.69	23.64	23.69	23.68	23.66	
5	QPSK	12	13	23.72	23.66	23.61	23.74	23.65	
5	QPSK	25	0	23.73	23.62	23.68	23.72	23.69	
5	16QAM	1	0	23.95	23.97	24.02	24.02	24.11	25.4
5	16QAM	1	12	23.87	23.89	23.84	23.84	23.93	
5	16QAM	1	24	23.91	23.96	23.92	23.89	23.97	
5	16QAM	12	0	23.47	23.43	23.40	23.44	23.53	24.5
5	16QAM	12	7	23.44	23.35	23.38	23.43	23.44	
5	16QAM	12	13	23.48	23.35	23.35	23.41	23.41	
5	16QAM	25	0	23.47	23.40	23.40	23.40	23.38	
5	64QAM	1	0	23.61	23.50	23.48	23.49	23.61	24.5
5	64QAM	1	12	23.38	23.40	23.38	23.37	23.52	
5	64QAM	1	24	23.42	23.35	23.43	23.32	23.47	
5	64QAM	12	0	22.45	22.39	22.33	22.34	22.44	23.5
5	64QAM	12	7	22.38	22.30	22.38	22.40	22.43	
5	64QAM	12	13	22.43	22.38	22.40	22.34	22.34	
5	64QAM	25	0	22.39	22.36	22.38	22.40	22.41	
5	256QAM	1	0	20.11	20.18	20.14	20.11	20.13	21.5
5	256QAM	1	12	20.21	20.29	20.16	20.12	20.16	
5	256QAM	1	24	20.13	20.27	20.17	20.09	20.16	
5	256QAM	12	0	20.13	20.38	20.34	20.31	20.25	21.5
5	256QAM	12	7	20.32	20.18	20.24	20.32	20.20	
5	256QAM	12	13	20.26	20.36	20.17	20.18	20.31	
5	256QAM	25	0	20.09	20.28	20.19	20.16	20.19	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.69	23.70	23.71	23.66	23.70	24.7
20	QPSK	1	49	23.62	23.57	23.59	23.55	23.66	
20	QPSK	1	99	23.66	23.57	23.66	23.61	23.66	
20	QPSK	50	0	23.77	23.69	23.72	23.79	23.77	24.7
20	QPSK	50	24	23.75	23.68	23.70	23.77	23.72	
20	QPSK	50	50	23.73	23.70	23.69	23.77	23.73	
20	QPSK	100	0	23.74	23.67	23.70	23.74	23.71	
20	16QAM	1	0	24.05	24.06	24.02	24.03	24.14	24.7
20	16QAM	1	49	23.95	23.93	23.93	23.88	24.02	
20	16QAM	1	99	23.98	23.96	23.99	23.90	24.02	
20	16QAM	50	0	23.51	23.46	23.45	23.51	23.53	24.5
20	16QAM	50	24	23.49	23.43	23.46	23.50	23.49	
20	16QAM	50	50	23.49	23.44	23.45	23.48	23.48	
20	16QAM	100	0	23.49	23.42	23.44	23.47	23.46	
20	64QAM	1	0	23.61	23.60	23.53	23.53	23.65	24.5
20	64QAM	1	49	23.47	23.43	23.46	23.38	23.54	
20	64QAM	1	99	23.51	23.45	23.53	23.42	23.54	
20	64QAM	50	0	22.47	22.40	22.40	22.44	22.45	23.5
20	64QAM	50	24	22.43	22.37	22.43	22.42	22.43	
20	64QAM	50	50	22.43	22.39	22.43	22.43	22.43	
20	64QAM	100	0	22.43	22.38	22.42	22.41	22.44	
20	256QAM	1	0	20.20	20.27	20.22	20.19	20.19	21.5
20	256QAM	1	49	20.25	20.30	20.21	20.18	20.20	
20	256QAM	1	99	20.19	20.28	20.21	20.19	20.16	
20	256QAM	50	0	20.23	20.39	20.36	20.38	20.25	21.5
20	256QAM	50	24	20.39	20.27	20.34	20.38	20.24	
20	256QAM	50	50	20.30	20.37	20.26	20.28	20.34	
20	256QAM	100	0	20.18	20.32	20.25	20.20	20.23	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.67	23.66	23.65	23.56	23.71	24.70
15	QPSK	1	37	23.61	23.51	23.68	23.57	23.56	
15	QPSK	1	74	23.61	23.57	23.59	23.52	23.61	
15	QPSK	36	0	23.67	23.59	23.62	23.78	23.72	24.7
15	QPSK	36	20	23.72	23.66	23.65	23.77	23.68	
15	QPSK	36	39	23.66	23.62	23.65	23.68	23.71	
15	QPSK	75	0	23.64	23.65	23.62	23.68	23.63	
15	16QAM	1	0	24.03	23.98	23.96	23.96	24.08	24.7
15	16QAM	1	37	23.92	23.90	23.92	23.79	23.92	
15	16QAM	1	74	23.98	23.93	23.89	23.86	23.93	
15	16QAM	36	0	23.43	23.38	23.36	23.45	23.49	24.5
15	16QAM	36	20	23.40	23.38	23.42	23.47	23.44	
15	16QAM	36	39	23.47	23.36	23.39	23.41	23.40	
15	16QAM	75	0	23.39	23.42	23.41	23.38	23.41	
15	64QAM	1	0	23.54	23.60	23.51	23.48	23.56	24.5
15	64QAM	1	37	23.37	23.42	23.46	23.35	23.48	
15	64QAM	1	74	23.46	23.40	23.53	23.36	23.53	
15	64QAM	36	0	22.41	22.38	22.36	22.41	22.41	23.5
15	64QAM	36	20	22.33	22.28	22.41	22.32	22.43	
15	64QAM	36	39	22.35	22.31	22.37	22.38	22.37	
15	64QAM	75	0	22.38	22.29	22.40	22.40	22.38	
15	256QAM	1	0	20.15	20.24	20.18	20.13	20.18	21.5
15	256QAM	1	37	20.23	20.22	20.15	20.16	20.13	
15	256QAM	1	74	20.10	20.24	20.11	20.12	20.08	
15	256QAM	36	0	20.22	20.30	20.35	20.36	20.17	21.5

15	256QAM	36	20	20.38	20.27	20.24	20.35	20.20	
15	256QAM	36	39	20.23	20.34	20.20	20.22	20.29	
15	256QAM	75	0	20.09	20.32	20.20	20.16	20.18	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.69	23.68	23.60	23.60	23.76	24.70
10	QPSK	1	25	23.60	23.54	23.61	23.55	23.63	
10	QPSK	1	49	23.66	23.52	23.59	23.61	23.64	
10	QPSK	25	0	23.74	23.59	23.68	23.77	23.77	24.7
10	QPSK	25	12	23.68	23.58	23.64	23.73	23.68	
10	QPSK	25	25	23.73	23.60	23.69	23.71	23.65	
10	QPSK	50	0	23.67	23.61	23.67	23.74	23.61	
10	16QAM	1	0	24.03	23.98	23.96	23.98	24.09	24.7
10	16QAM	1	25	23.93	23.83	23.93	23.80	23.96	
10	16QAM	1	49	23.97	23.91	23.91	23.86	24.01	
10	16QAM	25	0	23.48	23.36	23.41	23.45	23.49	24.5
10	16QAM	25	12	23.45	23.34	23.39	23.41	23.44	
10	16QAM	25	25	23.39	23.35	23.37	23.40	23.45	
10	16QAM	50	0	23.41	23.41	23.42	23.37	23.45	
10	64QAM	1	0	23.52	23.58	23.50	23.51	23.55	24.5
10	64QAM	1	25	23.38	23.34	23.41	23.29	23.51	
10	64QAM	1	49	23.48	23.44	23.48	23.38	23.52	
10	64QAM	25	0	22.47	22.32	22.34	22.37	22.43	23.5
10	64QAM	25	12	22.33	22.35	22.41	22.36	22.35	
10	64QAM	25	25	22.42	22.31	22.33	22.36	22.41	
10	64QAM	50	0	22.34	22.28	22.35	22.34	22.43	
10	256QAM	1	0	20.12	20.18	20.18	20.14	20.14	21.5
10	256QAM	1	25	20.19	20.29	20.11	20.18	20.16	
10	256QAM	1	49	20.10	20.21	20.17	20.13	20.14	
10	256QAM	25	0	20.23	20.31	20.36	20.31	20.17	21.5
10	256QAM	25	12	20.30	20.19	20.32	20.34	20.15	
10	256QAM	25	25	20.27	20.34	20.19	20.24	20.24	
10	256QAM	50	0	20.13	20.24	20.15	20.14	20.18	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.74	23.64	23.66	23.56	23.71	24.70
5	QPSK	1	12	23.60	23.51	23.67	23.56	23.61	
5	QPSK	1	24	23.56	23.53	23.62	23.60	23.65	
5	QPSK	12	0	23.73	23.59	23.67	23.74	23.68	24.7
5	QPSK	12	7	23.69	23.64	23.69	23.68	23.66	
5	QPSK	12	13	23.72	23.66	23.61	23.74	23.65	
5	QPSK	25	0	23.73	23.62	23.68	23.72	23.69	
5	16QAM	1	0	23.95	23.97	24.02	24.02	24.11	24.7
5	16QAM	1	12	23.87	23.89	23.84	23.84	23.93	
5	16QAM	1	24	23.91	23.96	23.92	23.89	23.97	
5	16QAM	12	0	23.47	23.43	23.40	23.44	23.53	24.5
5	16QAM	12	7	23.44	23.35	23.38	23.43	23.44	
5	16QAM	12	13	23.48	23.35	23.35	23.41	23.41	
5	16QAM	25	0	23.47	23.40	23.40	23.40	23.38	
5	64QAM	1	0	23.61	23.50	23.48	23.49	23.61	24.5
5	64QAM	1	12	23.38	23.40	23.38	23.37	23.52	
5	64QAM	1	24	23.42	23.35	23.43	23.32	23.47	
5	64QAM	12	0	22.45	22.39	22.33	22.34	22.44	23.5
5	64QAM	12	7	22.38	22.30	22.38	22.40	22.43	
5	64QAM	12	13	22.43	22.38	22.40	22.34	22.34	
5	64QAM	25	0	22.39	22.36	22.38	22.40	22.41	
5	256QAM	1	0	20.11	20.18	20.14	20.11	20.13	21.5
5	256QAM	1	12	20.21	20.29	20.16	20.12	20.16	
5	256QAM	1	24	20.13	20.27	20.17	20.09	20.16	
5	256QAM	12	0	20.13	20.38	20.34	20.31	20.25	21.5
5	256QAM	12	7	20.32	20.18	20.24	20.32	20.20	
5	256QAM	12	13	20.26	20.36	20.17	20.18	20.31	
5	256QAM	25	0	20.09	20.28	20.19	20.16	20.19	

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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)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.61	19.66	19.69	19.68	21
20	QPSK	1	49	19.51	19.65	19.62	19.67	
20	QPSK	1	99	19.46	19.63	19.36	19.49	
20	QPSK	50	0	19.64	19.67	19.69	19.61	21
20	QPSK	50	24	19.60	19.64	19.53	19.57	
20	QPSK	50	50	19.55	19.65	19.47	19.51	
20	QPSK	100	0	19.56	19.70	19.71	19.59	
20	16QAM	1	0	19.68	19.83	19.69	19.75	21
20	16QAM	1	49	19.60	19.80	19.54	19.59	
20	16QAM	1	99	19.51	19.52	19.44	19.46	
20	16QAM	50	0	19.64	19.68	19.60	19.64	21
20	16QAM	50	24	19.60	19.63	19.55	19.58	
20	16QAM	50	50	19.57	19.58	19.49	19.50	
20	16QAM	100	0	19.59	19.61	19.54	19.56	
20	64QAM	1	0	19.42	19.44	19.39	19.46	21
20	64QAM	1	49	19.39	19.42	19.33	19.32	
20	64QAM	1	99	19.25	19.26	19.17	19.19	
20	64QAM	50	0	19.60	19.67	19.58	19.64	20.7
20	64QAM	50	24	19.57	19.63	19.52	19.57	
20	64QAM	50	50	19.54	19.59	19.58	19.51	
20	64QAM	100	0	19.56	19.61	19.65	19.56	
20	256QAM	1	0	18.45	18.30	18.41	18.41	19.7
20	256QAM	1	49	18.45	18.27	18.43	18.32	
20	256QAM	1	99	18.26	18.25	18.45	18.42	
20	256QAM	50	0	18.44	18.55	18.42	18.42	19.7
20	256QAM	50	24	18.57	18.41	18.47	18.45	
20	256QAM	50	50	18.51	18.59	18.42	18.45	
20	256QAM	100	0	18.56	18.41	18.41	18.55	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.51	19.53	19.45	19.40	21
15	QPSK	1	37	19.36	19.38	19.38	19.43	
15	QPSK	1	74	19.38	19.40	19.19	19.21	
15	QPSK	36	0	19.52	19.44	19.34	19.37	21
15	QPSK	36	20	19.36	19.38	19.28	19.30	
15	QPSK	36	39	19.29	19.34	19.23	19.27	
15	QPSK	75	0	19.34	19.38	19.29	19.30	
15	16QAM	1	0	19.43	19.47	19.41	19.44	21
15	16QAM	1	37	19.52	19.56	19.48	19.52	
15	16QAM	1	74	19.33	19.36	19.23	19.29	
15	16QAM	36	0	19.35	19.38	19.28	19.32	21
15	16QAM	36	20	19.32	19.35	19.25	19.26	
15	16QAM	36	39	19.30	19.35	19.21	19.22	
15	16QAM	75	0	19.35	19.38	19.28	19.30	
15	64QAM	1	0	19.16	19.23	19.13	19.19	21
15	64QAM	1	37	19.11	19.13	19.03	19.06	
15	64QAM	1	74	19.07	19.09	18.98	18.99	
15	64QAM	36	0	19.38	19.44	19.33	19.38	20.7
15	64QAM	36	20	19.34	19.38	19.27	19.32	
15	64QAM	36	39	19.32	19.35	19.25	19.25	
15	64QAM	75	0	19.32	19.39	19.26	19.30	
15	256QAM	1	0	18.34	18.41	18.25	18.33	19.7
15	256QAM	1	37	18.35	18.41	18.45	18.41	
15	256QAM	1	74	18.40	18.41	18.35	18.26	
15	256QAM	36	0	18.49	18.51	18.56	18.42	19.7

15	256QAM	36	20	18.43	18.53	18.59	18.40	
15	256QAM	36	39	18.60	18.54	18.53	18.47	
15	256QAM	75	0	18.45	18.53	18.60	18.53	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.39	19.43	19.38	19.40	21
10	QPSK	1	25	19.32	19.34	19.26	19.30	
10	QPSK	1	49	19.35	19.38	19.30	19.25	
10	QPSK	25	0	19.41	19.48	19.38	19.37	21
10	QPSK	25	12	19.31	19.34	19.28	19.29	
10	QPSK	25	25	19.31	19.33	19.26	19.30	
10	QPSK	50	0	19.39	19.40	19.30	19.30	
10	16QAM	1	0	19.57	19.47	19.40	19.41	21
10	16QAM	1	25	19.45	19.36	19.30	19.32	
10	16QAM	1	49	19.31	19.33	19.25	19.27	
10	16QAM	25	0	19.34	19.40	19.34	19.36	21
10	16QAM	25	12	19.30	19.36	19.25	19.30	
10	16QAM	25	25	19.31	19.37	19.27	19.28	
10	16QAM	50	0	19.33	19.38	19.29	19.32	
10	64QAM	1	0	19.10	19.16	19.08	19.12	21
10	64QAM	1	25	19.07	19.13	19.02	19.07	
10	64QAM	1	49	19.01	19.06	18.96	19.00	
10	64QAM	25	0	19.37	19.43	19.33	19.38	20.7
10	64QAM	25	12	19.35	19.40	19.30	19.35	
10	64QAM	25	25	19.32	19.39	19.28	19.33	
10	64QAM	50	0	19.33	19.38	19.28	19.33	
10	256QAM	1	0	18.40	18.45	18.34	18.36	19.7
10	256QAM	1	25	18.32	18.29	18.28	18.43	
10	256QAM	1	49	18.27	18.37	18.39	18.41	
10	256QAM	25	0	18.46	18.51	18.45	18.58	19.7
10	256QAM	25	12	18.44	18.48	18.43	18.52	
10	256QAM	25	25	18.50	18.45	18.58	18.53	
10	256QAM	50	0	18.45	18.59	18.47	18.42	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.26	19.32	19.37	19.37	21
5	QPSK	1	12	19.36	19.40	19.26	19.24	
5	QPSK	1	24	19.21	19.29	19.20	19.26	
5	QPSK	12	0	19.41	19.38	19.30	19.32	21
5	QPSK	12	7	19.44	19.35	19.24	19.21	
5	QPSK	12	13	19.35	19.36	19.24	19.24	
5	QPSK	25	0	19.32	19.39	19.26	19.27	
5	16QAM	1	0	19.19	19.36	19.26	19.28	21
5	16QAM	1	12	19.45	19.52	19.46	19.49	
5	16QAM	1	24	19.30	19.35	19.26	19.29	
5	16QAM	12	0	19.30	19.34	19.27	19.27	21
5	16QAM	12	7	19.27	19.33	19.23	19.23	
5	16QAM	12	13	19.28	19.33	19.23	19.23	
5	16QAM	25	0	19.32	19.38	19.28	19.28	
5	64QAM	1	0	19.08	19.18	19.09	19.09	21
5	64QAM	1	12	19.03	19.14	19.05	19.08	
5	64QAM	1	24	19.08	19.16	19.05	19.05	
5	64QAM	12	0	19.30	19.39	19.30	19.30	20.7
5	64QAM	12	7	19.43	19.37	19.29	19.27	
5	64QAM	12	13	19.41	19.37	19.25	19.27	
5	64QAM	25	0	19.43	19.41	19.32	19.33	
5	256QAM	1	0	18.33	18.34	18.42	18.39	19.7
5	256QAM	1	12	18.33	18.27	18.30	18.40	
5	256QAM	1	24	18.45	18.26	18.45	18.40	
5	256QAM	12	0	18.57	18.56	18.44	18.49	19.7
5	256QAM	12	7	18.47	18.45	18.51	18.50	
5	256QAM	12	13	18.56	18.50	18.42	18.59	
5	256QAM	25	0	18.47	18.49	18.46	18.45	

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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)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.61	19.66	19.69	19.68	21
20	QPSK	1	49	19.51	19.65	19.62	19.67	
20	QPSK	1	99	19.46	19.63	19.36	19.49	
20	QPSK	50	0	19.64	19.67	19.69	19.61	21
20	QPSK	50	24	19.60	19.64	19.53	19.57	
20	QPSK	50	50	19.55	19.65	19.47	19.51	
20	QPSK	100	0	19.56	19.70	19.71	19.59	
20	16QAM	1	0	19.68	19.83	19.69	19.75	21
20	16QAM	1	49	19.60	19.80	19.54	19.59	
20	16QAM	1	99	19.51	19.52	19.44	19.46	
20	16QAM	50	0	19.64	19.68	19.60	19.64	21
20	16QAM	50	24	19.60	19.63	19.55	19.58	
20	16QAM	50	50	19.57	19.58	19.49	19.50	
20	16QAM	100	0	19.59	19.61	19.54	19.56	
20	64QAM	1	0	19.42	19.44	19.39	19.46	21
20	64QAM	1	49	19.39	19.42	19.33	19.32	
20	64QAM	1	99	19.25	19.26	19.17	19.19	
20	64QAM	50	0	19.60	19.67	19.58	19.64	20.7
20	64QAM	50	24	19.57	19.63	19.52	19.57	
20	64QAM	50	50	19.54	19.59	19.58	19.51	
20	64QAM	100	0	19.56	19.61	19.65	19.56	
20	256QAM	1	0	18.45	18.30	18.41	18.41	19.7
20	256QAM	1	49	18.45	18.27	18.43	18.32	
20	256QAM	1	99	18.26	18.25	18.45	18.42	
20	256QAM	50	0	18.44	18.55	18.42	18.42	19.7
20	256QAM	50	24	18.57	18.41	18.47	18.45	
20	256QAM	50	50	18.51	18.59	18.42	18.45	
20	256QAM	100	0	18.56	18.41	18.41	18.55	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.51	19.53	19.45	19.40	21
15	QPSK	1	37	19.36	19.38	19.38	19.43	
15	QPSK	1	74	19.38	19.40	19.19	19.21	
15	QPSK	36	0	19.52	19.44	19.34	19.37	21
15	QPSK	36	20	19.36	19.38	19.28	19.30	
15	QPSK	36	39	19.29	19.34	19.23	19.27	
15	QPSK	75	0	19.34	19.38	19.29	19.30	
15	16QAM	1	0	19.43	19.47	19.41	19.44	21
15	16QAM	1	37	19.52	19.56	19.48	19.52	
15	16QAM	1	74	19.33	19.36	19.23	19.29	
15	16QAM	36	0	19.35	19.38	19.28	19.32	21
15	16QAM	36	20	19.32	19.35	19.25	19.26	
15	16QAM	36	39	19.30	19.35	19.21	19.22	
15	16QAM	75	0	19.35	19.38	19.28	19.30	
15	64QAM	1	0	19.16	19.23	19.13	19.19	21
15	64QAM	1	37	19.11	19.13	19.03	19.06	
15	64QAM	1	74	19.07	19.09	18.98	18.99	
15	64QAM	36	0	19.38	19.44	19.33	19.38	20.7
15	64QAM	36	20	19.34	19.38	19.27	19.32	
15	64QAM	36	39	19.32	19.35	19.25	19.25	
15	64QAM	75	0	19.32	19.39	19.26	19.30	
15	256QAM	1	0	18.34	18.41	18.25	18.33	19.7
15	256QAM	1	37	18.35	18.41	18.45	18.41	
15	256QAM	1	74	18.40	18.41	18.35	18.26	
15	256QAM	36	0	18.49	18.51	18.56	18.42	19.7

15	256QAM	36	20	18.43	18.53	18.59	18.40	
15	256QAM	36	39	18.60	18.54	18.53	18.47	
15	256QAM	75	0	18.45	18.53	18.60	18.53	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.39	19.43	19.38	19.40	21
10	QPSK	1	25	19.32	19.34	19.26	19.30	
10	QPSK	1	49	19.35	19.38	19.30	19.25	
10	QPSK	25	0	19.41	19.48	19.38	19.37	21
10	QPSK	25	12	19.31	19.34	19.28	19.29	
10	QPSK	25	25	19.31	19.33	19.26	19.30	
10	QPSK	50	0	19.39	19.40	19.30	19.30	
10	16QAM	1	0	19.57	19.47	19.40	19.41	21
10	16QAM	1	25	19.45	19.36	19.30	19.32	
10	16QAM	1	49	19.31	19.33	19.25	19.27	
10	16QAM	25	0	19.34	19.40	19.34	19.36	21
10	16QAM	25	12	19.30	19.36	19.25	19.30	
10	16QAM	25	25	19.31	19.37	19.27	19.28	
10	16QAM	50	0	19.33	19.38	19.29	19.32	
10	64QAM	1	0	19.10	19.16	19.08	19.12	21
10	64QAM	1	25	19.07	19.13	19.02	19.07	
10	64QAM	1	49	19.01	19.06	18.96	19.00	
10	64QAM	25	0	19.37	19.43	19.33	19.38	20.7
10	64QAM	25	12	19.35	19.40	19.30	19.35	
10	64QAM	25	25	19.32	19.39	19.28	19.33	
10	64QAM	50	0	19.33	19.38	19.28	19.33	
10	256QAM	1	0	18.40	18.45	18.34	18.36	19.7
10	256QAM	1	25	18.32	18.29	18.28	18.43	
10	256QAM	1	49	18.27	18.37	18.39	18.41	
10	256QAM	25	0	18.46	18.51	18.45	18.58	19.7
10	256QAM	25	12	18.44	18.48	18.43	18.52	
10	256QAM	25	25	18.50	18.45	18.58	18.53	
10	256QAM	50	0	18.45	18.59	18.47	18.42	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.26	19.32	19.37	19.37	21
5	QPSK	1	12	19.36	19.40	19.26	19.24	
5	QPSK	1	24	19.21	19.29	19.20	19.26	
5	QPSK	12	0	19.41	19.38	19.30	19.32	21
5	QPSK	12	7	19.44	19.35	19.24	19.21	
5	QPSK	12	13	19.35	19.36	19.24	19.24	
5	QPSK	25	0	19.32	19.39	19.26	19.27	
5	16QAM	1	0	19.19	19.36	19.26	19.28	21
5	16QAM	1	12	19.45	19.52	19.46	19.49	
5	16QAM	1	24	19.30	19.35	19.26	19.29	
5	16QAM	12	0	19.30	19.34	19.27	19.27	21
5	16QAM	12	7	19.27	19.33	19.23	19.23	
5	16QAM	12	13	19.28	19.33	19.23	19.23	
5	16QAM	25	0	19.32	19.38	19.28	19.28	
5	64QAM	1	0	19.08	19.18	19.09	19.09	21
5	64QAM	1	12	19.03	19.14	19.05	19.08	
5	64QAM	1	24	19.08	19.16	19.05	19.05	
5	64QAM	12	0	19.30	19.39	19.30	19.30	20.7
5	64QAM	12	7	19.43	19.37	19.29	19.27	
5	64QAM	12	13	19.41	19.37	19.25	19.27	
5	64QAM	25	0	19.43	19.41	19.32	19.33	
5	256QAM	1	0	18.33	18.34	18.42	18.39	19.7
5	256QAM	1	12	18.33	18.27	18.30	18.40	
5	256QAM	1	24	18.45	18.26	18.45	18.40	
5	256QAM	12	0	18.57	18.56	18.44	18.49	19.7
5	256QAM	12	7	18.47	18.45	18.51	18.50	
5	256QAM	12	13	18.56	18.50	18.42	18.59	
5	256QAM	25	0	18.47	18.49	18.46	18.45	

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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)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.61	19.66	19.69	19.68	21
20	QPSK	1	49	19.51	19.65	19.62	19.67	
20	QPSK	1	99	19.46	19.63	19.36	19.49	
20	QPSK	50	0	19.64	19.67	19.69	19.61	21
20	QPSK	50	24	19.60	19.64	19.53	19.57	
20	QPSK	50	50	19.55	19.65	19.47	19.51	
20	QPSK	100	0	19.56	19.70	19.71	19.59	
20	16QAM	1	0	19.68	19.83	19.69	19.75	21
20	16QAM	1	49	19.60	19.80	19.54	19.59	
20	16QAM	1	99	19.51	19.52	19.44	19.46	
20	16QAM	50	0	19.64	19.68	19.60	19.64	21
20	16QAM	50	24	19.60	19.63	19.55	19.58	
20	16QAM	50	50	19.57	19.58	19.49	19.50	
20	16QAM	100	0	19.59	19.61	19.54	19.56	
20	64QAM	1	0	19.42	19.44	19.39	19.46	21
20	64QAM	1	49	19.39	19.42	19.33	19.32	
20	64QAM	1	99	19.25	19.26	19.17	19.19	
20	64QAM	50	0	19.60	19.67	19.58	19.64	20.7
20	64QAM	50	24	19.57	19.63	19.52	19.57	
20	64QAM	50	50	19.54	19.59	19.58	19.51	
20	64QAM	100	0	19.56	19.61	19.65	19.56	
20	256QAM	1	0	18.45	18.30	18.41	18.41	19.7
20	256QAM	1	49	18.45	18.27	18.43	18.32	
20	256QAM	1	99	18.26	18.25	18.45	18.42	
20	256QAM	50	0	18.44	18.55	18.42	18.42	19.7
20	256QAM	50	24	18.57	18.41	18.47	18.45	
20	256QAM	50	50	18.51	18.59	18.42	18.45	
20	256QAM	100	0	18.56	18.41	18.41	18.55	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.51	19.53	19.45	19.40	21
15	QPSK	1	37	19.36	19.38	19.38	19.43	
15	QPSK	1	74	19.38	19.40	19.19	19.21	
15	QPSK	36	0	19.52	19.44	19.34	19.37	21
15	QPSK	36	20	19.36	19.38	19.28	19.30	
15	QPSK	36	39	19.29	19.34	19.23	19.27	
15	QPSK	75	0	19.34	19.38	19.29	19.30	
15	16QAM	1	0	19.43	19.47	19.41	19.44	21
15	16QAM	1	37	19.52	19.56	19.48	19.52	
15	16QAM	1	74	19.33	19.36	19.23	19.29	
15	16QAM	36	0	19.35	19.38	19.28	19.32	21
15	16QAM	36	20	19.32	19.35	19.25	19.26	
15	16QAM	36	39	19.30	19.35	19.21	19.22	
15	16QAM	75	0	19.35	19.38	19.28	19.30	
15	64QAM	1	0	19.16	19.23	19.13	19.19	21
15	64QAM	1	37	19.11	19.13	19.03	19.06	
15	64QAM	1	74	19.07	19.09	18.98	18.99	
15	64QAM	36	0	19.38	19.44	19.33	19.38	20.7
15	64QAM	36	20	19.34	19.38	19.27	19.32	
15	64QAM	36	39	19.32	19.35	19.25	19.25	
15	64QAM	75	0	19.32	19.39	19.26	19.30	
15	256QAM	1	0	18.34	18.41	18.25	18.33	19.7
15	256QAM	1	37	18.35	18.41	18.45	18.41	
15	256QAM	1	74	18.40	18.41	18.35	18.26	
15	256QAM	36	0	18.49	18.51	18.56	18.42	19.7

15	256QAM	36	20	18.43	18.53	18.59	18.40	
15	256QAM	36	39	18.60	18.54	18.53	18.47	
15	256QAM	75	0	18.45	18.53	18.60	18.53	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.39	19.43	19.38	19.40	21
10	QPSK	1	25	19.32	19.34	19.26	19.30	
10	QPSK	1	49	19.35	19.38	19.30	19.25	
10	QPSK	25	0	19.41	19.48	19.38	19.37	21
10	QPSK	25	12	19.31	19.34	19.28	19.29	
10	QPSK	25	25	19.31	19.33	19.26	19.30	
10	QPSK	50	0	19.39	19.40	19.30	19.30	
10	16QAM	1	0	19.57	19.47	19.40	19.41	21
10	16QAM	1	25	19.45	19.36	19.30	19.32	
10	16QAM	1	49	19.31	19.33	19.25	19.27	
10	16QAM	25	0	19.34	19.40	19.34	19.36	21
10	16QAM	25	12	19.30	19.36	19.25	19.30	
10	16QAM	25	25	19.31	19.37	19.27	19.28	
10	16QAM	50	0	19.33	19.38	19.29	19.32	
10	64QAM	1	0	19.10	19.16	19.08	19.12	21
10	64QAM	1	25	19.07	19.13	19.02	19.07	
10	64QAM	1	49	19.01	19.06	18.96	19.00	
10	64QAM	25	0	19.37	19.43	19.33	19.38	20.7
10	64QAM	25	12	19.35	19.40	19.30	19.35	
10	64QAM	25	25	19.32	19.39	19.28	19.33	
10	64QAM	50	0	19.33	19.38	19.28	19.33	
10	256QAM	1	0	18.40	18.45	18.34	18.36	19.7
10	256QAM	1	25	18.32	18.29	18.28	18.43	
10	256QAM	1	49	18.27	18.37	18.39	18.41	
10	256QAM	25	0	18.46	18.51	18.45	18.58	19.7
10	256QAM	25	12	18.44	18.48	18.43	18.52	
10	256QAM	25	25	18.50	18.45	18.58	18.53	
10	256QAM	50	0	18.45	18.59	18.47	18.42	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.26	19.32	19.37	19.37	21
5	QPSK	1	12	19.36	19.40	19.26	19.24	
5	QPSK	1	24	19.21	19.29	19.20	19.26	
5	QPSK	12	0	19.41	19.38	19.30	19.32	21
5	QPSK	12	7	19.44	19.35	19.24	19.21	
5	QPSK	12	13	19.35	19.36	19.24	19.24	
5	QPSK	25	0	19.32	19.39	19.26	19.27	
5	16QAM	1	0	19.19	19.36	19.26	19.28	21
5	16QAM	1	12	19.45	19.52	19.46	19.49	
5	16QAM	1	24	19.30	19.35	19.26	19.29	
5	16QAM	12	0	19.30	19.34	19.27	19.27	21
5	16QAM	12	7	19.27	19.33	19.23	19.23	
5	16QAM	12	13	19.28	19.33	19.23	19.23	
5	16QAM	25	0	19.32	19.38	19.28	19.28	
5	64QAM	1	0	19.08	19.18	19.09	19.09	21
5	64QAM	1	12	19.03	19.14	19.05	19.08	
5	64QAM	1	24	19.08	19.16	19.05	19.05	
5	64QAM	12	0	19.30	19.39	19.30	19.30	20.7
5	64QAM	12	7	19.43	19.37	19.29	19.27	
5	64QAM	12	13	19.41	19.37	19.25	19.27	
5	64QAM	25	0	19.43	19.41	19.32	19.33	
5	256QAM	1	0	18.33	18.34	18.42	18.39	19.7
5	256QAM	1	12	18.33	18.27	18.30	18.40	
5	256QAM	1	24	18.45	18.26	18.45	18.40	
5	256QAM	12	0	18.57	18.56	18.44	18.49	19.7
5	256QAM	12	7	18.47	18.45	18.51	18.50	
5	256QAM	12	13	18.56	18.50	18.42	18.59	
5	256QAM	25	0	18.47	18.49	18.46	18.45	

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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)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.61	19.66	19.69	19.68	21
20	QPSK	1	49	19.51	19.65	19.62	19.67	
20	QPSK	1	99	19.46	19.63	19.36	19.49	
20	QPSK	50	0	19.64	19.67	19.69	19.61	21
20	QPSK	50	24	19.60	19.64	19.53	19.57	
20	QPSK	50	50	19.55	19.65	19.47	19.51	
20	QPSK	100	0	19.56	19.70	19.71	19.59	
20	16QAM	1	0	19.68	19.83	19.69	19.75	21
20	16QAM	1	49	19.60	19.80	19.54	19.59	
20	16QAM	1	99	19.51	19.52	19.44	19.46	
20	16QAM	50	0	19.64	19.68	19.60	19.64	21
20	16QAM	50	24	19.60	19.63	19.55	19.58	
20	16QAM	50	50	19.57	19.58	19.49	19.50	
20	16QAM	100	0	19.59	19.61	19.54	19.56	
20	64QAM	1	0	19.42	19.44	19.39	19.46	21
20	64QAM	1	49	19.39	19.42	19.33	19.32	
20	64QAM	1	99	19.25	19.26	19.17	19.19	
20	64QAM	50	0	19.60	19.67	19.58	19.64	20.7
20	64QAM	50	24	19.57	19.63	19.52	19.57	
20	64QAM	50	50	19.54	19.59	19.58	19.51	
20	64QAM	100	0	19.56	19.61	19.65	19.56	
20	256QAM	1	0	18.45	18.30	18.41	18.41	19.7
20	256QAM	1	49	18.45	18.27	18.43	18.32	
20	256QAM	1	99	18.26	18.25	18.45	18.42	
20	256QAM	50	0	18.44	18.55	18.42	18.42	19.7
20	256QAM	50	24	18.57	18.41	18.47	18.45	
20	256QAM	50	50	18.51	18.59	18.42	18.45	
20	256QAM	100	0	18.56	18.41	18.41	18.55	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.51	19.53	19.45	19.40	21
15	QPSK	1	37	19.36	19.38	19.38	19.43	
15	QPSK	1	74	19.38	19.40	19.19	19.21	
15	QPSK	36	0	19.52	19.44	19.34	19.37	21
15	QPSK	36	20	19.36	19.38	19.28	19.30	
15	QPSK	36	39	19.29	19.34	19.23	19.27	
15	QPSK	75	0	19.34	19.38	19.29	19.30	
15	16QAM	1	0	19.43	19.47	19.41	19.44	21
15	16QAM	1	37	19.52	19.56	19.48	19.52	
15	16QAM	1	74	19.33	19.36	19.23	19.29	
15	16QAM	36	0	19.35	19.38	19.28	19.32	21
15	16QAM	36	20	19.32	19.35	19.25	19.26	
15	16QAM	36	39	19.30	19.35	19.21	19.22	
15	16QAM	75	0	19.35	19.38	19.28	19.30	
15	64QAM	1	0	19.16	19.23	19.13	19.19	21
15	64QAM	1	37	19.11	19.13	19.03	19.06	
15	64QAM	1	74	19.07	19.09	18.98	18.99	
15	64QAM	36	0	19.38	19.44	19.33	19.38	20.7
15	64QAM	36	20	19.34	19.38	19.27	19.32	
15	64QAM	36	39	19.32	19.35	19.25	19.25	
15	64QAM	75	0	19.32	19.39	19.26	19.30	
15	256QAM	1	0	18.34	18.41	18.25	18.33	19.7
15	256QAM	1	37	18.35	18.41	18.45	18.41	
15	256QAM	1	74	18.40	18.41	18.35	18.26	
15	256QAM	36	0	18.49	18.51	18.56	18.42	19.7

15	256QAM	36	20	18.43	18.53	18.59	18.40	
15	256QAM	36	39	18.60	18.54	18.53	18.47	
15	256QAM	75	0	18.45	18.53	18.60	18.53	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.39	19.43	19.38	19.40	21
10	QPSK	1	25	19.32	19.34	19.26	19.30	
10	QPSK	1	49	19.35	19.38	19.30	19.25	
10	QPSK	25	0	19.41	19.48	19.38	19.37	21
10	QPSK	25	12	19.31	19.34	19.28	19.29	
10	QPSK	25	25	19.31	19.33	19.26	19.30	
10	QPSK	50	0	19.39	19.40	19.30	19.30	
10	16QAM	1	0	19.57	19.47	19.40	19.41	21
10	16QAM	1	25	19.45	19.36	19.30	19.32	
10	16QAM	1	49	19.31	19.33	19.25	19.27	
10	16QAM	25	0	19.34	19.40	19.34	19.36	21
10	16QAM	25	12	19.30	19.36	19.25	19.30	
10	16QAM	25	25	19.31	19.37	19.27	19.28	
10	16QAM	50	0	19.33	19.38	19.29	19.32	
10	64QAM	1	0	19.10	19.16	19.08	19.12	21
10	64QAM	1	25	19.07	19.13	19.02	19.07	
10	64QAM	1	49	19.01	19.06	18.96	19.00	
10	64QAM	25	0	19.37	19.43	19.33	19.38	20.7
10	64QAM	25	12	19.35	19.40	19.30	19.35	
10	64QAM	25	25	19.32	19.39	19.28	19.33	
10	64QAM	50	0	19.33	19.38	19.28	19.33	
10	256QAM	1	0	18.40	18.45	18.34	18.36	19.7
10	256QAM	1	25	18.32	18.29	18.28	18.43	
10	256QAM	1	49	18.27	18.37	18.39	18.41	
10	256QAM	25	0	18.46	18.51	18.45	18.58	19.7
10	256QAM	25	12	18.44	18.48	18.43	18.52	
10	256QAM	25	25	18.50	18.45	18.58	18.53	
10	256QAM	50	0	18.45	18.59	18.47	18.42	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.26	19.32	19.37	19.37	21
5	QPSK	1	12	19.36	19.40	19.26	19.24	
5	QPSK	1	24	19.21	19.29	19.20	19.26	
5	QPSK	12	0	19.41	19.38	19.30	19.32	21
5	QPSK	12	7	19.44	19.35	19.24	19.21	
5	QPSK	12	13	19.35	19.36	19.24	19.24	
5	QPSK	25	0	19.32	19.39	19.26	19.27	
5	16QAM	1	0	19.19	19.36	19.26	19.28	21
5	16QAM	1	12	19.45	19.52	19.46	19.49	
5	16QAM	1	24	19.30	19.35	19.26	19.29	
5	16QAM	12	0	19.30	19.34	19.27	19.27	21
5	16QAM	12	7	19.27	19.33	19.23	19.23	
5	16QAM	12	13	19.28	19.33	19.23	19.23	
5	16QAM	25	0	19.32	19.38	19.28	19.28	
5	64QAM	1	0	19.08	19.18	19.09	19.09	21
5	64QAM	1	12	19.03	19.14	19.05	19.08	
5	64QAM	1	24	19.08	19.16	19.05	19.05	
5	64QAM	12	0	19.30	19.39	19.30	19.30	20.7
5	64QAM	12	7	19.43	19.37	19.29	19.27	
5	64QAM	12	13	19.41	19.37	19.25	19.27	
5	64QAM	25	0	19.43	19.41	19.32	19.33	
5	256QAM	1	0	18.33	18.34	18.42	18.39	19.7
5	256QAM	1	12	18.33	18.27	18.30	18.40	
5	256QAM	1	24	18.45	18.26	18.45	18.40	
5	256QAM	12	0	18.57	18.56	18.44	18.49	19.7
5	256QAM	12	7	18.47	18.45	18.51	18.50	
5	256QAM	12	13	18.56	18.50	18.42	18.59	
5	256QAM	25	0	18.47	18.49	18.46	18.45	

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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)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.61	19.66	19.69	19.68	21
20	QPSK	1	49	19.51	19.65	19.62	19.67	
20	QPSK	1	99	19.46	19.63	19.36	19.49	
20	QPSK	50	0	19.64	19.67	19.69	19.61	21
20	QPSK	50	24	19.60	19.64	19.53	19.57	
20	QPSK	50	50	19.55	19.65	19.47	19.51	
20	QPSK	100	0	19.56	19.70	19.71	19.59	
20	16QAM	1	0	19.68	19.83	19.69	19.75	21
20	16QAM	1	49	19.60	19.80	19.54	19.59	
20	16QAM	1	99	19.51	19.52	19.44	19.46	
20	16QAM	50	0	19.64	19.68	19.60	19.64	21
20	16QAM	50	24	19.60	19.63	19.55	19.58	
20	16QAM	50	50	19.57	19.58	19.49	19.50	
20	16QAM	100	0	19.59	19.61	19.54	19.56	
20	64QAM	1	0	19.42	19.44	19.39	19.46	21
20	64QAM	1	49	19.39	19.42	19.33	19.32	
20	64QAM	1	99	19.25	19.26	19.17	19.19	
20	64QAM	50	0	19.60	19.67	19.58	19.64	20.7
20	64QAM	50	24	19.57	19.63	19.52	19.57	
20	64QAM	50	50	19.54	19.59	19.58	19.51	
20	64QAM	100	0	19.56	19.61	19.65	19.56	
20	256QAM	1	0	18.45	18.30	18.41	18.41	19.7
20	256QAM	1	49	18.45	18.27	18.43	18.32	
20	256QAM	1	99	18.26	18.25	18.45	18.42	
20	256QAM	50	0	18.44	18.55	18.42	18.42	19.7
20	256QAM	50	24	18.57	18.41	18.47	18.45	
20	256QAM	50	50	18.51	18.59	18.42	18.45	
20	256QAM	100	0	18.56	18.41	18.41	18.55	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.51	19.53	19.45	19.40	21
15	QPSK	1	37	19.36	19.38	19.38	19.43	
15	QPSK	1	74	19.38	19.40	19.19	19.21	
15	QPSK	36	0	19.52	19.44	19.34	19.37	21
15	QPSK	36	20	19.36	19.38	19.28	19.30	
15	QPSK	36	39	19.29	19.34	19.23	19.27	
15	QPSK	75	0	19.34	19.38	19.29	19.30	
15	16QAM	1	0	19.43	19.47	19.41	19.44	21
15	16QAM	1	37	19.52	19.56	19.48	19.52	
15	16QAM	1	74	19.33	19.36	19.23	19.29	
15	16QAM	36	0	19.35	19.38	19.28	19.32	21
15	16QAM	36	20	19.32	19.35	19.25	19.26	
15	16QAM	36	39	19.30	19.35	19.21	19.22	
15	16QAM	75	0	19.35	19.38	19.28	19.30	
15	64QAM	1	0	19.16	19.23	19.13	19.19	21
15	64QAM	1	37	19.11	19.13	19.03	19.06	
15	64QAM	1	74	19.07	19.09	18.98	18.99	
15	64QAM	36	0	19.38	19.44	19.33	19.38	20.7
15	64QAM	36	20	19.34	19.38	19.27	19.32	
15	64QAM	36	39	19.32	19.35	19.25	19.25	
15	64QAM	75	0	19.32	19.39	19.26	19.30	
15	256QAM	1	0	18.34	18.41	18.25	18.33	19.7
15	256QAM	1	37	18.35	18.41	18.45	18.41	
15	256QAM	1	74	18.40	18.41	18.35	18.26	
15	256QAM	36	0	18.49	18.51	18.56	18.42	19.7

15	256QAM	36	20	18.43	18.53	18.59	18.40	
15	256QAM	36	39	18.60	18.54	18.53	18.47	
15	256QAM	75	0	18.45	18.53	18.60	18.53	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.39	19.43	19.38	19.40	21
10	QPSK	1	25	19.32	19.34	19.26	19.30	
10	QPSK	1	49	19.35	19.38	19.30	19.25	
10	QPSK	25	0	19.41	19.48	19.38	19.37	21
10	QPSK	25	12	19.31	19.34	19.28	19.29	
10	QPSK	25	25	19.31	19.33	19.26	19.30	
10	QPSK	50	0	19.39	19.40	19.30	19.30	
10	16QAM	1	0	19.57	19.47	19.40	19.41	21
10	16QAM	1	25	19.45	19.36	19.30	19.32	
10	16QAM	1	49	19.31	19.33	19.25	19.27	
10	16QAM	25	0	19.34	19.40	19.34	19.36	21
10	16QAM	25	12	19.30	19.36	19.25	19.30	
10	16QAM	25	25	19.31	19.37	19.27	19.28	
10	16QAM	50	0	19.33	19.38	19.29	19.32	
10	64QAM	1	0	19.10	19.16	19.08	19.12	21
10	64QAM	1	25	19.07	19.13	19.02	19.07	
10	64QAM	1	49	19.01	19.06	18.96	19.00	
10	64QAM	25	0	19.37	19.43	19.33	19.38	20.7
10	64QAM	25	12	19.35	19.40	19.30	19.35	
10	64QAM	25	25	19.32	19.39	19.28	19.33	
10	64QAM	50	0	19.33	19.38	19.28	19.33	
10	256QAM	1	0	18.40	18.45	18.34	18.36	19.7
10	256QAM	1	25	18.32	18.29	18.28	18.43	
10	256QAM	1	49	18.27	18.37	18.39	18.41	
10	256QAM	25	0	18.46	18.51	18.45	18.58	19.7
10	256QAM	25	12	18.44	18.48	18.43	18.52	
10	256QAM	25	25	18.50	18.45	18.58	18.53	
10	256QAM	50	0	18.45	18.59	18.47	18.42	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.26	19.32	19.37	19.37	21
5	QPSK	1	12	19.36	19.40	19.26	19.24	
5	QPSK	1	24	19.21	19.29	19.20	19.26	
5	QPSK	12	0	19.41	19.38	19.30	19.32	21
5	QPSK	12	7	19.44	19.35	19.24	19.21	
5	QPSK	12	13	19.35	19.36	19.24	19.24	
5	QPSK	25	0	19.32	19.39	19.26	19.27	
5	16QAM	1	0	19.19	19.36	19.26	19.28	21
5	16QAM	1	12	19.45	19.52	19.46	19.49	
5	16QAM	1	24	19.30	19.35	19.26	19.29	
5	16QAM	12	0	19.30	19.34	19.27	19.27	21
5	16QAM	12	7	19.27	19.33	19.23	19.23	
5	16QAM	12	13	19.28	19.33	19.23	19.23	
5	16QAM	25	0	19.32	19.38	19.28	19.28	
5	64QAM	1	0	19.08	19.18	19.09	19.09	21
5	64QAM	1	12	19.03	19.14	19.05	19.08	
5	64QAM	1	24	19.08	19.16	19.05	19.05	
5	64QAM	12	0	19.30	19.39	19.30	19.30	20.7
5	64QAM	12	7	19.43	19.37	19.29	19.27	
5	64QAM	12	13	19.41	19.37	19.25	19.27	
5	64QAM	25	0	19.43	19.41	19.32	19.33	
5	256QAM	1	0	18.33	18.34	18.42	18.39	19.7
5	256QAM	1	12	18.33	18.27	18.30	18.40	
5	256QAM	1	24	18.45	18.26	18.45	18.40	
5	256QAM	12	0	18.57	18.56	18.44	18.49	19.7
5	256QAM	12	7	18.47	18.45	18.51	18.50	
5	256QAM	12	13	18.56	18.50	18.42	18.59	
5	256QAM	25	0	18.47	18.49	18.46	18.45	

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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)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.61	19.66	19.69	19.68	21
20	QPSK	1	49	19.51	19.65	19.62	19.67	
20	QPSK	1	99	19.46	19.63	19.36	19.49	
20	QPSK	50	0	19.64	19.67	19.69	19.61	21
20	QPSK	50	24	19.60	19.64	19.53	19.57	
20	QPSK	50	50	19.55	19.65	19.47	19.51	
20	QPSK	100	0	19.56	19.70	19.71	19.59	
20	16QAM	1	0	19.68	19.83	19.69	19.75	21
20	16QAM	1	49	19.60	19.80	19.54	19.59	
20	16QAM	1	99	19.51	19.52	19.44	19.46	
20	16QAM	50	0	19.64	19.68	19.60	19.64	21
20	16QAM	50	24	19.60	19.63	19.55	19.58	
20	16QAM	50	50	19.57	19.58	19.49	19.50	
20	16QAM	100	0	19.59	19.61	19.54	19.56	
20	64QAM	1	0	19.42	19.44	19.39	19.46	21
20	64QAM	1	49	19.39	19.42	19.33	19.32	
20	64QAM	1	99	19.25	19.26	19.17	19.19	
20	64QAM	50	0	19.60	19.67	19.58	19.64	20.7
20	64QAM	50	24	19.57	19.63	19.52	19.57	
20	64QAM	50	50	19.54	19.59	19.58	19.51	
20	64QAM	100	0	19.56	19.61	19.65	19.56	
20	256QAM	1	0	18.45	18.30	18.41	18.41	19.7
20	256QAM	1	49	18.45	18.27	18.43	18.32	
20	256QAM	1	99	18.26	18.25	18.45	18.42	
20	256QAM	50	0	18.44	18.55	18.42	18.42	19.7
20	256QAM	50	24	18.57	18.41	18.47	18.45	
20	256QAM	50	50	18.51	18.59	18.42	18.45	
20	256QAM	100	0	18.56	18.41	18.41	18.55	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.51	19.53	19.45	19.40	21
15	QPSK	1	37	19.36	19.38	19.38	19.43	
15	QPSK	1	74	19.38	19.40	19.19	19.21	
15	QPSK	36	0	19.52	19.44	19.34	19.37	21
15	QPSK	36	20	19.36	19.38	19.28	19.30	
15	QPSK	36	39	19.29	19.34	19.23	19.27	
15	QPSK	75	0	19.34	19.38	19.29	19.30	
15	16QAM	1	0	19.43	19.47	19.41	19.44	21
15	16QAM	1	37	19.52	19.56	19.48	19.52	
15	16QAM	1	74	19.33	19.36	19.23	19.29	
15	16QAM	36	0	19.35	19.38	19.28	19.32	21
15	16QAM	36	20	19.32	19.35	19.25	19.26	
15	16QAM	36	39	19.30	19.35	19.21	19.22	
15	16QAM	75	0	19.35	19.38	19.28	19.30	
15	64QAM	1	0	19.16	19.23	19.13	19.19	21
15	64QAM	1	37	19.11	19.13	19.03	19.06	
15	64QAM	1	74	19.07	19.09	18.98	18.99	
15	64QAM	36	0	19.38	19.44	19.33	19.38	20.7
15	64QAM	36	20	19.34	19.38	19.27	19.32	
15	64QAM	36	39	19.32	19.35	19.25	19.25	
15	64QAM	75	0	19.32	19.39	19.26	19.30	
15	256QAM	1	0	18.34	18.41	18.25	18.33	19.7
15	256QAM	1	37	18.35	18.41	18.45	18.41	
15	256QAM	1	74	18.40	18.41	18.35	18.26	
15	256QAM	36	0	18.49	18.51	18.56	18.42	19.7

15	256QAM	36	20	18.43	18.53	18.59	18.40	
15	256QAM	36	39	18.60	18.54	18.53	18.47	
15	256QAM	75	0	18.45	18.53	18.60	18.53	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.39	19.43	19.38	19.40	21
10	QPSK	1	25	19.32	19.34	19.26	19.30	
10	QPSK	1	49	19.35	19.38	19.30	19.25	
10	QPSK	25	0	19.41	19.48	19.38	19.37	21
10	QPSK	25	12	19.31	19.34	19.28	19.29	
10	QPSK	25	25	19.31	19.33	19.26	19.30	
10	QPSK	50	0	19.39	19.40	19.30	19.30	
10	16QAM	1	0	19.57	19.47	19.40	19.41	21
10	16QAM	1	25	19.45	19.36	19.30	19.32	
10	16QAM	1	49	19.31	19.33	19.25	19.27	
10	16QAM	25	0	19.34	19.40	19.34	19.36	21
10	16QAM	25	12	19.30	19.36	19.25	19.30	
10	16QAM	25	25	19.31	19.37	19.27	19.28	
10	16QAM	50	0	19.33	19.38	19.29	19.32	
10	64QAM	1	0	19.10	19.16	19.08	19.12	21
10	64QAM	1	25	19.07	19.13	19.02	19.07	
10	64QAM	1	49	19.01	19.06	18.96	19.00	
10	64QAM	25	0	19.37	19.43	19.33	19.38	20.7
10	64QAM	25	12	19.35	19.40	19.30	19.35	
10	64QAM	25	25	19.32	19.39	19.28	19.33	
10	64QAM	50	0	19.33	19.38	19.28	19.33	
10	256QAM	1	0	18.40	18.45	18.34	18.36	19.7
10	256QAM	1	25	18.32	18.29	18.28	18.43	
10	256QAM	1	49	18.27	18.37	18.39	18.41	
10	256QAM	25	0	18.46	18.51	18.45	18.58	19.7
10	256QAM	25	12	18.44	18.48	18.43	18.52	
10	256QAM	25	25	18.50	18.45	18.58	18.53	
10	256QAM	50	0	18.45	18.59	18.47	18.42	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.26	19.32	19.37	19.37	21
5	QPSK	1	12	19.36	19.40	19.26	19.24	
5	QPSK	1	24	19.21	19.29	19.20	19.26	
5	QPSK	12	0	19.41	19.38	19.30	19.32	21
5	QPSK	12	7	19.44	19.35	19.24	19.21	
5	QPSK	12	13	19.35	19.36	19.24	19.24	
5	QPSK	25	0	19.32	19.39	19.26	19.27	
5	16QAM	1	0	19.19	19.36	19.26	19.28	21
5	16QAM	1	12	19.45	19.52	19.46	19.49	
5	16QAM	1	24	19.30	19.35	19.26	19.29	
5	16QAM	12	0	19.30	19.34	19.27	19.27	21
5	16QAM	12	7	19.27	19.33	19.23	19.23	
5	16QAM	12	13	19.28	19.33	19.23	19.23	
5	16QAM	25	0	19.32	19.38	19.28	19.28	
5	64QAM	1	0	19.08	19.18	19.09	19.09	21
5	64QAM	1	12	19.03	19.14	19.05	19.08	
5	64QAM	1	24	19.08	19.16	19.05	19.05	
5	64QAM	12	0	19.30	19.39	19.30	19.30	20.7
5	64QAM	12	7	19.43	19.37	19.29	19.27	
5	64QAM	12	13	19.41	19.37	19.25	19.27	
5	64QAM	25	0	19.43	19.41	19.32	19.33	
5	256QAM	1	0	18.33	18.34	18.42	18.39	19.7
5	256QAM	1	12	18.33	18.27	18.30	18.40	
5	256QAM	1	24	18.45	18.26	18.45	18.40	
5	256QAM	12	0	18.57	18.56	18.44	18.49	19.7
5	256QAM	12	7	18.47	18.45	18.51	18.50	
5	256QAM	12	13	18.56	18.50	18.42	18.59	
5	256QAM	25	0	18.47	18.49	18.46	18.45	

<5GNR Conducted Power>

General Note:

1. Referencing the procedure in KDB 941225, the test procedures are outlined as below
   a. For DFT-OFDM output power measurement, full measurement was done for Pi/2 BPSK and QPSK and for the largest supported bandwidth, repeat test for 16QAM/64QAM/256QAM under 1RB 1Offset configuration. For smaller bandwidth, measure conducted power for Pi/2 BPSK and 1RB 1Offset configuration.
   b. According to the tune-up, CP-OFDM output power is not ½ dB higher than DFT-OFDM mode, and the reported SAR of DFT-OFDM mode reported SAR is ≤ 1.45 W/kg, SAR test and thus conducted power for CP-OFDM mode is not required.
   c. To start SAR test for the largest channel bandwidth for PI/2 BPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. Also do SAR test for 50% RB allocation for PI/2 BPSK SAR testing using 1RB PI/2 BPSK allocation procedure
   d. For PI/2 BPSK with 100% RB allocation, SAR test is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
   e. For higher modulation QPSK/16QAM/64QAM/256QAM, according to tune-up document the power level is not ½ dB higher than the same configuration in PI/2 BPSK, also reported SAR for the PI/2 BPSK configuration is less than 1.45 W/kg, QPSK/16QAM/64QAM/256QAM SAR testing are not required.
   f. Smaller bandwidth output power for each RB allocation configuration for this device is not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
2. Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. And only for TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission
3. For NR FDD was establishing connections via a base station simulator to use for output power measurement and SAR testing.

<3GPP 38.101 MPR for EN-DC>

Table 6.2.2-1 Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
		≤ 0.5[2]	≤ 0.5[2]	0[2]
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26 dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

Table 6.2.2-2 Maximum power reduction (MPR) for power class 2

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5	≤ 0.5	0
	QPSK	≤ 3.5	≤ 1	0
	16 QAM	≤ 3.5	≤ 2	≤ 1
	64 QAM	≤ 3.5	≤ 2.5	
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3.5	≤ 3	≤ 1.5
	16 QAM	≤ 3.5	≤ 3	≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

<FR1 n2_Ant 0_Index 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.50	23.65	23.49	24.1
40	PI/2 BPSK	1	108	23.47	23.56	23.42	
40	PI/2 BPSK	1	214	23.44	23.52	23.36	
40	PI/2 BPSK	108	0	22.92	23.06	22.96	23.6
40	PI/2 BPSK	108	54	23.40	23.57	23.45	24.1
40	PI/2 BPSK	108	108	22.95	23.08	22.94	23.6
40	PI/2 BPSK	216	0	22.96	23.06	22.98	
40	QPSK	1	1	23.53	23.63	23.53	24.1
40	QPSK	1	108	23.54	23.62	23.53	
40	QPSK	1	214	23.38	23.54	23.46	
40	QPSK	108	0	22.44	22.56	22.45	23.1
40	QPSK	108	54	23.43	23.56	23.42	24.1
40	QPSK	108	108	22.43	22.56	22.42	23.1
40	QPSK	216	0	22.47	22.58	22.44	
40	16QAM	1	1	22.45	22.59	22.44	23.1
40	64QAM	1	1	21.09	21.21	21.07	21.6
40	256QAM	1	1	18.81	18.97	18.83	19.6
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.47	23.55	23.38	24.1
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.45	23.54	23.46	24.1
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.40	23.60	23.42	24.1
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.45	23.58	23.45	24.1
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.40	23.52	23.44	24.1
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.42	23.54	23.46	24.1

<FR1 n2_Ant 5_Index 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.71	23.79	23.76	24.6
40	PI/2 BPSK	1	108	23.73	23.76	23.71	
40	PI/2 BPSK	1	214	23.75	23.71	23.74	
40	PI/2 BPSK	108	0	23.26	23.25	23.24	24.1
40	PI/2 BPSK	108	54	23.69	23.75	23.68	24.6
40	PI/2 BPSK	108	108	23.23	23.21	23.22	24.1
40	PI/2 BPSK	216	0	23.30	23.31	23.26	
40	QPSK	1	1	23.75	23.75	23.72	24.6
40	QPSK	1	108	23.70	23.72	23.69	
40	QPSK	1	214	23.76	23.73	23.78	
40	QPSK	108	0	21.72	21.72	21.72	22.6
40	QPSK	108	54	23.64	23.72	23.68	24.6
40	QPSK	108	108	21.70	21.74	21.72	22.6
40	QPSK	216	0	21.88	21.80	21.84	
40	16QAM	1	1	22.71	22.82	22.74	23.6
40	64QAM	1	1	21.32	21.32	21.33	22.1
40	256QAM	1	1	19.20	19.13	19.15	20.1
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.78	23.76	23.73	24.6
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.70	23.74	23.71	24.6
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.69	23.72	23.70	24.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.72	23.73	23.68	24.6
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.71	23.74	23.66	24.6
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.72	23.76	23.70	24.6

<FR1 n2_Ant 0_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.50	23.65	23.49	24.1
40	PI/2 BPSK	1	108	23.47	23.56	23.42	
40	PI/2 BPSK	1	214	23.44	23.52	23.36	
40	PI/2 BPSK	108	0	22.92	23.06	22.96	23.6
40	PI/2 BPSK	108	54	23.40	23.57	23.45	24.1
40	PI/2 BPSK	108	108	22.95	23.08	22.94	23.6
40	PI/2 BPSK	216	0	22.96	23.06	22.98	
40	QPSK	1	1	23.53	23.63	23.53	24.1
40	QPSK	1	108	23.54	23.62	23.53	
40	QPSK	1	214	23.38	23.54	23.46	
40	QPSK	108	0	22.44	22.56	22.45	23.1
40	QPSK	108	54	23.43	23.56	23.42	24.1
40	QPSK	108	108	22.43	22.56	22.42	23.1
40	QPSK	216	0	22.47	22.58	22.44	
40	16QAM	1	1	22.45	22.59	22.44	23.1
40	64QAM	1	1	21.09	21.21	21.07	21.6
40	256QAM	1	1	18.81	18.97	18.83	19.6
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.47	23.55	23.38	24.1
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.45	23.54	23.46	24.1
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.40	23.60	23.42	24.1
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.45	23.58	23.45	24.1
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.40	23.52	23.44	24.1
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.42	23.54	23.46	24.1

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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)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	17.16	17.26	17.19	18.2
40	PI/2 BPSK	1	108	17.14	17.13	17.25	
40	PI/2 BPSK	1	214	17.21	17.14	17.22	
40	PI/2 BPSK	108	0	17.19	17.12	17.13	18.2
40	PI/2 BPSK	108	54	17.15	17.31	17.21	18.2
40	PI/2 BPSK	108	108	17.16	17.23	17.18	18.2
40	PI/2 BPSK	216	0	17.24	17.29	17.14	
40	QPSK	1	1	17.22	17.10	17.15	18.2
40	QPSK	1	108	17.22	17.20	17.28	
40	QPSK	1	214	17.17	17.12	17.18	
40	QPSK	108	0	17.16	17.14	17.29	18.2
40	QPSK	108	54	17.13	17.21	17.26	18.2
40	QPSK	108	108	17.18	17.22	17.14	18.2
40	QPSK	216	0	17.20	17.23	17.25	
40	16QAM	1	1	17.13	17.23	17.17	18.2
40	64QAM	1	1	17.28	17.17	17.14	18.2
40	256QAM	1	1	17.27	17.17	17.24	18.2
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	17.16	17.25	17.11	18.2
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.15	17.26	17.06	18.2
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.19	17.22	17.13	18.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.21	17.28	17.04	18.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.14	17.23	17.09	18.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.23	17.19	17.06	18.2

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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)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.50	23.65	23.49	24.1
40	PI/2 BPSK	1	108	23.47	23.56	23.42	
40	PI/2 BPSK	1	214	23.44	23.52	23.36	
40	PI/2 BPSK	108	0	22.92	23.06	22.96	23.6
40	PI/2 BPSK	108	54	23.40	23.57	23.45	24.1
40	PI/2 BPSK	108	108	22.95	23.08	22.94	23.6
40	PI/2 BPSK	216	0	22.96	23.06	22.98	
40	QPSK	1	1	23.53	23.63	23.53	24.1
40	QPSK	1	108	23.54	23.62	23.53	
40	QPSK	1	214	23.38	23.54	23.46	
40	QPSK	108	0	22.44	22.56	22.45	23.1
40	QPSK	108	54	23.43	23.56	23.42	24.1
40	QPSK	108	108	22.43	22.56	22.42	23.1
40	QPSK	216	0	22.47	22.58	22.44	
40	16QAM	1	1	22.45	22.59	22.44	23.1
40	64QAM	1	1	21.09	21.21	21.07	21.6
40	256QAM	1	1	18.81	18.97	18.83	19.6
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.47	23.55	23.38	24.1
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.45	23.54	23.46	24.1
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.40	23.60	23.42	24.1
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.45	23.58	23.45	24.1
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.40	23.52	23.44	24.1
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.42	23.54	23.46	24.1

<FR1 n2_Ant 5_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.09	16.23	16.13	17.0
40	PI/2 BPSK	1	108	16.18	16.14	16.18	
40	PI/2 BPSK	1	214	16.11	16.05	16.17	
40	PI/2 BPSK	108	0	16.15	16.10	16.17	17.0
40	PI/2 BPSK	108	54	16.15	16.20	16.15	17.0
40	PI/2 BPSK	108	108	16.06	16.14	16.14	17.0
40	PI/2 BPSK	216	0	16.12	16.20	16.08	
40	QPSK	1	1	16.14	16.10	16.16	17.0
40	QPSK	1	108	16.22	16.15	16.21	
40	QPSK	1	214	16.14	16.11	16.21	
40	QPSK	108	0	16.16	16.09	16.20	17.0
40	QPSK	108	54	16.13	16.22	16.20	17.0
40	QPSK	108	108	16.07	16.12	16.08	17.0
40	QPSK	216	0	16.18	16.13	16.14	
40	16QAM	1	1	16.09	16.14	16.09	17.0
40	64QAM	1	1	16.20	16.10	16.08	17.0
40	256QAM	1	1	16.18	16.08	16.14	17.0
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	16.11	16.10	16.10	17.0
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.03	16.00	16.10	17.0
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.06	15.99	16.04	17.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.03	16.05	16.07	17.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.16	16.05	16.09	17.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.05	15.99	16.10	17.0

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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)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.31	16.31	16.31	17.7
40	PI/2 BPSK	1	108	16.31	16.27	16.27	
40	PI/2 BPSK	1	214	16.23	16.26	16.27	
40	PI/2 BPSK	108	0	16.32	16.30	16.28	17.7
40	PI/2 BPSK	108	54	16.36	16.35	16.28	17.7
40	PI/2 BPSK	108	108	16.27	16.31	16.34	17.7
40	PI/2 BPSK	216	0	16.30	16.31	16.31	
40	QPSK	1	1	16.21	16.30	16.22	17.7
40	QPSK	1	108	16.24	16.31	16.22	
40	QPSK	1	214	16.22	16.30	16.31	
40	QPSK	108	0	16.32	16.32	16.32	17.7
40	QPSK	108	54	16.32	16.34	16.27	17.7
40	QPSK	108	108	16.30	16.30	16.33	17.7
40	QPSK	216	0	16.26	16.23	16.22	
40	16QAM	1	1	16.22	16.26	16.28	17.7
40	64QAM	1	1	16.28	16.26	16.29	17.7
40	256QAM	1	1	16.24	16.27	16.29	17.7
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	16.25	16.10	16.13	17.7
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.20	16.09	16.17	17.7
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.11	16.16	16.17	17.7
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.11	16.08	16.08	17.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.08	16.18	16.17	17.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.18	16.16	16.09	17.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	20.07	20.10	20.02	21.8
40	PI/2 BPSK	1	108	20.07	20.05	20.03	
40	PI/2 BPSK	1	214	20.06	20.04	20.06	
40	PI/2 BPSK	108	0	20.06	20.07	20.05	21.8
40	PI/2 BPSK	108	54	20.00	20.11	20.09	21.8
40	PI/2 BPSK	108	108	20.07	20.06	20.05	21.8
40	PI/2 BPSK	216	0	20.01	20.12	20.01	
40	QPSK	1	1	20.03	20.03	20.00	21.8
40	QPSK	1	108	20.07	20.00	20.05	
40	QPSK	1	214	20.02	20.07	20.02	
40	QPSK	108	0	20.03	20.00	20.05	21.8
40	QPSK	108	54	20.03	20.05	20.07	21.8
40	QPSK	108	108	20.05	20.06	20.10	21.8
40	QPSK	216	0	20.08	20.00	20.09	
40	16QAM	1	1	20.07	20.09	20.04	21.8
40	64QAM	1	1	20.04	20.01	20.00	21.8
40	256QAM	1	1	18.82	18.84	18.84	20.1
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	20.10	20.03	20.06	21.8
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.05	20.06	20.07	21.8
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.05	20.07	20.07	21.8
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.09	20.03	20.10	21.8
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.08	20.07	20.09	21.8
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.07	20.01	20.02	21.8

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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)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	18.39	18.37	18.43	20.0
40	PI/2 BPSK	1	108	18.41	18.36	18.40	
40	PI/2 BPSK	1	214	18.37	18.36	18.43	
40	PI/2 BPSK	108	0	18.50	18.44	18.45	20.0
40	PI/2 BPSK	108	54	18.50	18.47	18.47	20.0
40	PI/2 BPSK	108	108	18.47	18.45	18.49	20.0
40	PI/2 BPSK	216	0	18.49	18.51	18.48	
40	QPSK	1	1	18.42	18.42	18.38	20.0
40	QPSK	1	108	18.38	18.37	18.40	
40	QPSK	1	214	18.38	18.44	18.40	
40	QPSK	108	0	18.43	18.49	18.44	20.0
40	QPSK	108	54	18.46	18.43	18.50	20.0
40	QPSK	108	108	18.46	18.50	18.49	20.0
40	QPSK	216	0	18.39	18.39	18.39	
40	16QAM	1	1	18.45	18.40	18.46	20.0
40	64QAM	1	1	18.37	18.40	18.37	20.0
40	256QAM	1	1	18.46	18.40	18.36	19.6
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	18.25	18.33	18.33	20.0
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	18.25	18.41	18.35	20.0
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.29	18.39	18.33	20.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.32	18.39	18.31	20.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.32	18.43	18.26	20.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.30	18.43	18.29	20.0

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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)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	21.41	21.46	21.32	23.3
40	PI/2 BPSK	1	108	21.37	21.32	21.39	
40	PI/2 BPSK	1	214	21.34	21.33	21.41	
40	PI/2 BPSK	108	0	21.36	21.38	21.32	23.3
40	PI/2 BPSK	108	54	21.36	21.55	21.34	23.3
40	PI/2 BPSK	108	108	21.40	21.40	21.31	23.3
40	PI/2 BPSK	216	0	21.31	21.46	21.39	
40	QPSK	1	1	21.39	21.31	21.38	23.3
40	QPSK	1	108	21.37	21.39	21.31	
40	QPSK	1	214	21.40	21.37	21.31	
40	QPSK	108	0	21.34	21.31	21.36	22.6
40	QPSK	108	54	21.37	21.31	21.39	23.3
40	QPSK	108	108	21.36	21.32	21.34	22.6
40	QPSK	216	0	21.40	21.32	21.32	
40	16QAM	1	1	21.32	21.36	21.40	23.3
40	64QAM	1	1	20.93	20.95	20.90	22.1
40	256QAM	1	1	18.84	18.88	18.90	20.1
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	21.31	21.46	21.32	23.3
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	21.39	21.35	21.39	23.3
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.40	21.36	21.41	23.3
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.33	21.37	21.37	23.3
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.33	21.50	21.36	23.3
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.39	21.31	21.33	23.3

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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)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	18.39	18.37	18.43	19.3
40	PI/2 BPSK	1	108	18.41	18.36	18.40	
40	PI/2 BPSK	1	214	18.37	18.36	18.43	
40	PI/2 BPSK	108	0	18.50	18.44	18.45	19.3
40	PI/2 BPSK	108	54	18.50	18.47	18.47	19.3
40	PI/2 BPSK	108	108	18.47	18.45	18.49	19.3
40	PI/2 BPSK	216	0	18.49	18.51	18.48	
40	QPSK	1	1	18.42	18.42	18.38	19.3
40	QPSK	1	108	18.38	18.37	18.40	
40	QPSK	1	214	18.38	18.44	18.40	
40	QPSK	108	0	18.43	18.49	18.44	19.3
40	QPSK	108	54	18.46	18.43	18.50	19.3
40	QPSK	108	108	18.46	18.50	18.49	19.3
40	QPSK	216	0	18.39	18.39	18.39	
40	16QAM	1	1	18.45	18.40	18.46	19.3
40	64QAM	1	1	18.37	18.40	18.37	19.3
40	256QAM	1	1	18.46	18.40	18.36	19.3
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	18.25	18.33	18.33	19.3
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	18.25	18.41	18.35	19.3
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.29	18.39	18.33	19.3
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.32	18.39	18.31	19.3
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.32	18.43	18.26	19.3
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.30	18.43	18.29	19.3

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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)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	21.41	21.46	21.32	22.6
40	PI/2 BPSK	1	108	21.37	21.32	21.39	
40	PI/2 BPSK	1	214	21.34	21.33	21.41	
40	PI/2 BPSK	108	0	21.36	21.38	21.32	22.6
40	PI/2 BPSK	108	54	21.36	21.55	21.34	22.6
40	PI/2 BPSK	108	108	21.40	21.40	21.31	22.6
40	PI/2 BPSK	216	0	21.31	21.46	21.39	
40	QPSK	1	1	21.39	21.31	21.38	22.6
40	QPSK	1	108	21.37	21.39	21.31	
40	QPSK	1	214	21.40	21.37	21.31	
40	QPSK	108	0	21.34	21.31	21.36	22.6
40	QPSK	108	54	21.37	21.31	21.39	22.6
40	QPSK	108	108	21.36	21.32	21.34	22.6
40	QPSK	216	0	21.40	21.32	21.32	
40	16QAM	1	1	21.32	21.36	21.40	22.6
40	64QAM	1	1	20.93	20.95	20.90	22.1
40	256QAM	1	1	18.84	18.88	18.90	20.1
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	21.31	21.46	21.32	22.6
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	21.39	21.35	21.39	22.6
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.40	21.36	21.41	22.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.33	21.37	21.37	22.6
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.33	21.50	21.36	22.6
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.39	21.31	21.33	22.6

<FR1 n5_Ant 1_Index 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.53	22.58	22.53	23.3
20	PI/2 BPSK	1	53	22.78	22.82	22.64	
20	PI/2 BPSK	1	104	22.59	22.46	22.59	
20	PI/2 BPSK	50	0	22.54	22.53	22.53	23.3
20	PI/2 BPSK	50	28	22.48	22.57	22.57	23.3
20	PI/2 BPSK	50	56	22.52	22.56	22.63	23.3
20	PI/2 BPSK	100	0	22.52	22.58	22.60	
20	QPSK	1	1	23.92	23.98	23.96	24.7
20	QPSK	1	53	23.92	23.96	23.93	
20	QPSK	1	104	23.93	23.86	23.94	
20	QPSK	50	0	22.97	23.01	22.93	23.7
20	QPSK	50	28	23.88	23.95	23.94	24.7
20	QPSK	50	56	22.95	22.97	22.96	23.7
20	QPSK	100	0	22.91	22.96	22.98	
20	16QAM	1	1	22.96	22.92	23.03	23.7
20	64QAM	1	1	21.53	21.50	21.56	22.2
20	256QAM	1	1	17.93	17.92	17.98	18.7
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	23.91	23.82	23.95	24.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	1	23.92	23.92	23.92	24.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	1	23.89	23.83	23.86	24.7

<FR1 n5_Ant 1_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	20.63	20.52	20.58	22.1
20	PI/2 BPSK	1	53	20.59	20.64	20.56	
20	PI/2 BPSK	1	104	20.60	20.62	20.46	
20	PI/2 BPSK	50	0	20.47	20.51	20.51	22.1
20	PI/2 BPSK	50	28	20.58	20.64	20.49	22.1
20	PI/2 BPSK	50	56	20.57	20.64	20.52	22.1
20	PI/2 BPSK	100	0	20.54	20.61	20.51	
20	QPSK	1	1	20.56	20.69	20.61	22.1
20	QPSK	1	53	20.62	20.64	20.60	
20	QPSK	1	104	20.53	20.58	20.65	
20	QPSK	50	0	20.62	20.60	20.64	22.1
20	QPSK	50	28	20.64	20.70	20.61	22.1
20	QPSK	50	56	20.59	20.58	20.60	22.1
20	QPSK	100	0	20.53	20.68	20.53	
20	16QAM	1	1	20.63	20.64	20.62	22.1
20	64QAM	1	1	20.54	20.55	20.56	22.1
20	256QAM	1	1	17.98	18.02	18.00	18.7
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	20.57	20.64	20.53	22.1
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	20.56	20.62	20.55	22.1
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	20.61	20.58	20.59	22.1

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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)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	20.63	20.52	20.58	21.4
20	PI/2 BPSK	1	53	20.59	20.64	20.56	
20	PI/2 BPSK	1	104	20.60	20.62	20.46	
20	PI/2 BPSK	50	0	20.47	20.51	20.51	21.4
20	PI/2 BPSK	50	28	20.58	20.64	20.49	21.4
20	PI/2 BPSK	50	56	20.57	20.64	20.52	21.4
20	PI/2 BPSK	100	0	20.54	20.61	20.51	
20	QPSK	1	1	20.56	20.69	20.61	21.4
20	QPSK	1	53	20.62	20.64	20.60	
20	QPSK	1	104	20.53	20.58	20.65	
20	QPSK	50	0	20.62	20.60	20.64	21.4
20	QPSK	50	28	20.64	20.70	20.61	21.4
20	QPSK	50	56	20.59	20.58	20.60	21.4
20	QPSK	100	0	20.53	20.68	20.53	
20	16QAM	1	1	20.63	20.64	20.62	21.4
20	64QAM	1	1	20.54	20.55	20.56	21.4
20	256QAM	1	1	17.98	18.02	18.00	18.7
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	20.57	20.64	20.53	21.4
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	20.56	20.62	20.55	21.4
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	20.61	20.58	20.59	21.4

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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)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.53	22.58	22.53	23.3
20	PI/2 BPSK	1	53	22.78	22.82	22.64	
20	PI/2 BPSK	1	104	22.59	22.46	22.59	
20	PI/2 BPSK	50	0	22.54	22.53	22.53	23.3
20	PI/2 BPSK	50	28	22.48	22.57	22.57	23.3
20	PI/2 BPSK	50	56	22.52	22.56	22.63	23.3
20	PI/2 BPSK	100	0	22.52	22.58	22.60	
20	QPSK	1	1	23.92	23.98	23.96	24.7
20	QPSK	1	53	23.92	23.96	23.93	
20	QPSK	1	104	23.93	23.86	23.94	
20	QPSK	50	0	22.97	23.01	22.93	23.7
20	QPSK	50	28	23.88	23.95	23.94	24.7
20	QPSK	50	56	22.95	22.97	22.96	23.7
20	QPSK	100	0	22.91	22.96	22.98	
20	16QAM	1	1	22.96	22.92	23.03	23.7
20	64QAM	1	1	21.53	21.50	21.56	22.2
20	256QAM	1	1	17.93	17.92	17.98	18.7
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	23.91	23.82	23.95	24.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	1	23.92	23.92	23.92	24.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	1	23.89	23.83	23.86	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.53	22.58	22.53	23.3
20	PI/2 BPSK	1	53	22.78	22.82	22.64	
20	PI/2 BPSK	1	104	22.59	22.46	22.59	
20	PI/2 BPSK	50	0	22.54	22.53	22.53	23.3
20	PI/2 BPSK	50	28	22.48	22.57	22.57	23.3
20	PI/2 BPSK	50	56	22.52	22.56	22.63	23.3
20	PI/2 BPSK	100	0	22.52	22.58	22.60	
20	QPSK	1	1	23.92	23.98	23.96	24.7
20	QPSK	1	53	23.92	23.96	23.93	
20	QPSK	1	104	23.93	23.86	23.94	
20	QPSK	50	0	22.97	23.01	22.93	23.7
20	QPSK	50	28	23.88	23.95	23.94	24.7
20	QPSK	50	56	22.95	22.97	22.96	23.7
20	QPSK	100	0	22.91	22.96	22.98	
20	16QAM	1	1	22.96	22.92	23.03	23.7
20	64QAM	1	1	21.53	21.50	21.56	22.2
20	256QAM	1	1	17.93	17.92	17.98	18.7
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	23.91	23.82	23.95	24.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	1	23.92	23.92	23.92	24.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	1	23.89	23.83	23.86	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.53	22.58	22.53	23.3
20	PI/2 BPSK	1	53	22.78	22.82	22.64	
20	PI/2 BPSK	1	104	22.59	22.46	22.59	
20	PI/2 BPSK	50	0	22.54	22.53	22.53	23.3
20	PI/2 BPSK	50	28	22.48	22.57	22.57	23.3
20	PI/2 BPSK	50	56	22.52	22.56	22.63	23.3
20	PI/2 BPSK	100	0	22.52	22.58	22.60	
20	QPSK	1	1	23.92	23.98	23.96	24.7
20	QPSK	1	53	23.92	23.96	23.93	
20	QPSK	1	104	23.93	23.86	23.94	
20	QPSK	50	0	22.97	23.01	22.93	23.7
20	QPSK	50	28	23.88	23.95	23.94	24.7
20	QPSK	50	56	22.95	22.97	22.96	23.7
20	QPSK	100	0	22.91	22.96	22.98	
20	16QAM	1	1	22.96	22.92	23.03	23.7
20	64QAM	1	1	21.53	21.50	21.56	22.2
20	256QAM	1	1	17.93	17.92	17.98	18.7
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	23.91	23.82	23.95	24.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	1	23.92	23.92	23.92	24.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	1	23.89	23.83	23.86	24.7

<FR1 n7_Ant 0_Index 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.88	23.96	23.88	24.7
50	PI/2 BPSK	1	135	23.95	23.95	23.90	
50	PI/2 BPSK	1	268	23.84	23.92	23.69	
50	PI/2 BPSK	135	0	23.38	23.37	23.31	24.2
50	PI/2 BPSK	135	68	23.83	23.85	23.82	24.7
50	PI/2 BPSK	135	135	23.26	23.35	23.24	24.2
50	PI/2 BPSK	270	0	23.30	23.31	23.28	
50	QPSK	1	1	23.93	23.95	23.83	24.7
50	QPSK	1	135	23.89	23.90	23.87	
50	QPSK	1	268	23.82	23.92	23.72	
50	QPSK	135	0	22.87	22.87	22.78	23.7
50	QPSK	135	68	23.87	23.85	23.85	24.7
50	QPSK	135	135	22.82	22.84	22.62	23.7
50	QPSK	270	0	22.85	22.83	22.84	
50	16QAM	1	1	22.89	22.92	22.75	23.7
50	64QAM	1	1	21.36	21.48	21.27	22.2
50	256QAM	1	1	19.23	19.36	19.19	20.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.87	23.93	23.82	24.7
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.71	23.78	23.72	24.7
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.76	23.82	23.79	24.7
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.78	23.84	23.75	24.7
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.74	23.76	23.72	24.7
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.74	23.78	23.77	24.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.71	23.75	23.69	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.88	23.96	23.88	24.7
50	PI/2 BPSK	1	135	23.95	23.95	23.90	
50	PI/2 BPSK	1	268	23.84	23.92	23.69	
50	PI/2 BPSK	135	0	23.38	23.37	23.31	24.2
50	PI/2 BPSK	135	68	23.83	23.85	23.82	24.7
50	PI/2 BPSK	135	135	23.26	23.35	23.24	24.2
50	PI/2 BPSK	270	0	23.30	23.31	23.28	
50	QPSK	1	1	23.93	23.95	23.83	24.7
50	QPSK	1	135	23.89	23.90	23.87	
50	QPSK	1	268	23.82	23.92	23.72	
50	QPSK	135	0	22.87	22.87	22.78	23.7
50	QPSK	135	68	23.87	23.85	23.85	24.7
50	QPSK	135	135	22.82	22.84	22.62	23.7
50	QPSK	270	0	22.85	22.83	22.84	
50	16QAM	1	1	22.89	22.92	22.75	23.7
50	64QAM	1	1	21.36	21.48	21.27	22.2
50	256QAM	1	1	19.23	19.36	19.19	20.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.87	23.93	23.82	24.7
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.71	23.78	23.72	24.7
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.76	23.82	23.79	24.7
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.78	23.84	23.75	24.7
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.74	23.76	23.72	24.7
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.74	23.78	23.77	24.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.71	23.75	23.69	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.88	23.96	23.88	24.7
50	PI/2 BPSK	1	135	23.95	23.95	23.90	
50	PI/2 BPSK	1	268	23.84	23.92	23.69	
50	PI/2 BPSK	135	0	23.38	23.37	23.31	24.2
50	PI/2 BPSK	135	68	23.83	23.85	23.82	24.7
50	PI/2 BPSK	135	135	23.26	23.35	23.24	24.2
50	PI/2 BPSK	270	0	23.30	23.31	23.28	
50	QPSK	1	1	23.93	23.95	23.83	24.7
50	QPSK	1	135	23.89	23.90	23.87	
50	QPSK	1	268	23.82	23.92	23.72	
50	QPSK	135	0	22.87	22.87	22.78	23.7
50	QPSK	135	68	23.87	23.85	23.85	24.7
50	QPSK	135	135	22.82	22.84	22.62	23.7
50	QPSK	270	0	22.85	22.83	22.84	
50	16QAM	1	1	22.89	22.92	22.75	23.7
50	64QAM	1	1	21.36	21.48	21.27	22.2
50	256QAM	1	1	19.23	19.36	19.19	20.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.87	23.93	23.82	24.7
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.71	23.78	23.72	24.7
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.76	23.82	23.79	24.7
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.78	23.84	23.75	24.7
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.74	23.76	23.72	24.7
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.74	23.78	23.77	24.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.71	23.75	23.69	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	17.06	17.07	17.02	17.9
50	PI/2 BPSK	1	135	17.05	17.05	17.07	
50	PI/2 BPSK	1	268	16.97	17.07	17.00	
50	PI/2 BPSK	135	0	17.06	17.10	17.08	17.9
50	PI/2 BPSK	135	68	17.07	17.13	17.07	17.9
50	PI/2 BPSK	135	135	17.10	17.05	17.05	17.9
50	PI/2 BPSK	270	0	17.12	17.14	17.09	
50	QPSK	1	1	17.06	17.06	17.03	17.9
50	QPSK	1	135	17.05	17.01	16.98	
50	QPSK	1	268	17.03	17.06	16.98	
50	QPSK	135	0	17.11	17.13	17.07	17.9
50	QPSK	135	68	17.09	17.12	17.03	17.9
50	QPSK	135	135	17.05	17.03	17.03	17.9
50	QPSK	270	0	17.13	17.13	17.10	
50	16QAM	1	1	16.99	17.04	17.05	17.9
50	64QAM	1	1	17.03	17.06	17.06	17.9
50	256QAM	1	1	16.98	17.00	17.01	17.9
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.99	16.97	17.03	17.9
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	16.93	16.98	16.98	17.9
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.00	16.98	16.98	17.9
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.99	16.97	17.03	17.9
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	16.97	17.04	17.05	17.9
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	16.93	17.01	17.03	17.9
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	16.94	16.93	16.97	17.9

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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)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.70	19.77	19.71	20.9
50	PI/2 BPSK	1	135	19.69	19.73	19.70	
50	PI/2 BPSK	1	268	19.67	19.68	19.68	
50	PI/2 BPSK	135	0	19.54	19.59	19.62	20.9
50	PI/2 BPSK	135	68	19.60	19.64	19.60	20.9
50	PI/2 BPSK	135	135	19.58	19.64	19.57	20.9
50	PI/2 BPSK	270	0	19.61	19.66	19.65	
50	QPSK	1	1	19.76	19.67	19.70	20.9
50	QPSK	1	135	19.72	19.71	19.75	
50	QPSK	1	268	19.70	19.68	19.76	
50	QPSK	135	0	19.60	19.60	19.60	20.9
50	QPSK	135	68	19.64	19.59	19.60	20.9
50	QPSK	135	135	19.63	19.57	19.59	20.9
50	QPSK	270	0	19.64	19.62	19.57	
50	16QAM	1	1	19.63	19.66	19.62	20.9
50	64QAM	1	1	19.65	19.61	19.66	20.9
50	256QAM	1	1	19.23	19.36	19.19	20.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.61	19.65	19.61	20.9
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.65	19.64	19.65	20.9
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.60	19.64	19.61	20.9
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.63	19.64	19.57	20.9
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.60	19.65	19.60	20.9
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.67	19.61	19.58	20.9
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.66	19.63	19.61	20.9

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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)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.70	19.77	19.71	20.2
50	PI/2 BPSK	1	135	19.69	19.73	19.70	
50	PI/2 BPSK	1	268	19.67	19.68	19.68	
50	PI/2 BPSK	135	0	19.54	19.59	19.62	20.2
50	PI/2 BPSK	135	68	19.60	19.64	19.60	20.2
50	PI/2 BPSK	135	135	19.58	19.64	19.57	20.2
50	PI/2 BPSK	270	0	19.61	19.66	19.65	
50	QPSK	1	1	19.76	19.67	19.70	20.2
50	QPSK	1	135	19.72	19.71	19.75	
50	QPSK	1	268	19.70	19.68	19.76	
50	QPSK	135	0	19.60	19.60	19.60	20.2
50	QPSK	135	68	19.64	19.59	19.60	20.2
50	QPSK	135	135	19.63	19.57	19.59	20.2
50	QPSK	270	0	19.64	19.62	19.57	
50	16QAM	1	1	19.63	19.66	19.62	20.2
50	64QAM	1	1	19.65	19.61	19.66	20.2
50	256QAM	1	1	19.23	19.36	19.19	20.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.61	19.65	19.61	20.2
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.65	19.64	19.65	20.2
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.60	19.64	19.61	20.2
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.63	19.64	19.57	20.2
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.60	19.65	19.60	20.2
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.67	19.61	19.58	20.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.66	19.63	19.61	20.2

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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)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.46	24.48	24.45	24.7
15	PI/2 BPSK	1	40	24.31	24.33	24.34	
15	PI/2 BPSK	1	77	24.36	24.45	24.35	
15	PI/2 BPSK	36	0	23.95	24.01	23.94	24.2
15	PI/2 BPSK	36	22	24.43	24.42	24.42	24.7
15	PI/2 BPSK	36	43	23.91	24.00	23.87	24.2
15	PI/2 BPSK	75	0	23.93	23.94	23.94	
15	QPSK	1	1	24.43	24.45	24.40	24.7
15	QPSK	1	40	24.32	24.33	24.30	
15	QPSK	1	77	24.31	24.45	24.37	
15	QPSK	36	0	22.14	22.20	22.16	22.4
15	QPSK	36	22	24.39	24.42	24.40	24.7
15	QPSK	36	43	22.08	22.18	22.09	22.4
15	QPSK	75	0	22.11	22.10	22.21	
15	16QAM	1	1	23.47	23.54	23.53	23.7
15	64QAM	1	1	22.05	22.17	21.96	22.2
15	256QAM	1	1	19.82	20.07	19.91	20.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.31	24.40	24.36	24.7
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.36	24.39	24.37	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	21.64	21.65	21.56	22.8
15	PI/2 BPSK	1	40	21.56	21.61	21.60	
15	PI/2 BPSK	1	77	21.62	21.64	21.62	
15	PI/2 BPSK	36	0	21.50	21.47	21.49	22.8
15	PI/2 BPSK	36	22	21.45	21.54	21.50	22.8
15	PI/2 BPSK	36	43	21.46	21.52	21.50	22.8
15	PI/2 BPSK	75	0	21.49	21.55	21.51	
15	QPSK	1	1	21.61	21.50	21.61	22.8
15	QPSK	1	40	21.62	21.59	21.56	
15	QPSK	1	77	21.56	21.57	21.58	
15	QPSK	36	0	21.47	21.52	21.54	22.4
15	QPSK	36	22	21.47	21.51	21.52	22.8
15	QPSK	36	43	21.44	21.46	21.45	22.4
15	QPSK	75	0	21.55	21.55	21.54	
15	16QAM	1	1	21.60	21.64	21.64	22.8
15	64QAM	1	1	21.60	21.63	21.62	22.2
15	256QAM	1	1	19.84	19.92	19.84	20.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	21.61	21.56	21.52	22.8
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	21.59	21.60	21.53	22.8

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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)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	21.64	21.65	21.56	21.8
15	PI/2 BPSK	1	40	21.56	21.61	21.60	
15	PI/2 BPSK	1	77	21.62	21.64	21.62	
15	PI/2 BPSK	36	0	21.50	21.47	21.49	21.8
15	PI/2 BPSK	36	22	21.45	21.54	21.50	21.8
15	PI/2 BPSK	36	43	21.46	21.52	21.50	21.8
15	PI/2 BPSK	75	0	21.49	21.55	21.51	
15	QPSK	1	1	21.61	21.50	21.61	21.8
15	QPSK	1	40	21.62	21.59	21.56	
15	QPSK	1	77	21.56	21.57	21.58	
15	QPSK	36	0	21.47	21.52	21.54	21.8
15	QPSK	36	22	21.47	21.51	21.52	21.8
15	QPSK	36	43	21.44	21.46	21.45	21.8
15	QPSK	75	0	21.55	21.55	21.54	
15	16QAM	1	1	21.60	21.64	21.64	21.8
15	64QAM	1	1	21.60	21.63	21.62	21.8
15	256QAM	1	1	19.84	19.92	19.84	20.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	21.61	21.56	21.52	21.8
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	21.59	21.60	21.53	21.8

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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)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.46	24.48	24.45	24.7
15	PI/2 BPSK	1	40	24.31	24.33	24.34	
15	PI/2 BPSK	1	77	24.36	24.45	24.35	
15	PI/2 BPSK	36	0	23.95	24.01	23.94	24.2
15	PI/2 BPSK	36	22	24.43	24.42	24.42	24.7
15	PI/2 BPSK	36	43	23.91	24.00	23.87	24.2
15	PI/2 BPSK	75	0	23.93	23.94	23.94	
15	QPSK	1	1	24.43	24.45	24.40	24.7
15	QPSK	1	40	24.32	24.33	24.30	
15	QPSK	1	77	24.31	24.45	24.37	
15	QPSK	36	0	22.14	22.20	22.16	22.4
15	QPSK	36	22	24.39	24.42	24.40	24.7
15	QPSK	36	43	22.08	22.18	22.09	22.4
15	QPSK	75	0	22.11	22.10	22.21	
15	16QAM	1	1	23.47	23.54	23.53	23.7
15	64QAM	1	1	22.05	22.17	21.96	22.2
15	256QAM	1	1	19.82	20.07	19.91	20.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.31	24.40	24.36	24.7
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.36	24.39	24.37	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.46	24.48	24.45	24.7
15	PI/2 BPSK	1	40	24.31	24.33	24.34	
15	PI/2 BPSK	1	77	24.36	24.45	24.35	
15	PI/2 BPSK	36	0	23.95	24.01	23.94	24.2
15	PI/2 BPSK	36	22	24.43	24.42	24.42	24.7
15	PI/2 BPSK	36	43	23.91	24.00	23.87	24.2
15	PI/2 BPSK	75	0	23.93	23.94	23.94	
15	QPSK	1	1	24.43	24.45	24.40	24.7
15	QPSK	1	40	24.32	24.33	24.30	
15	QPSK	1	77	24.31	24.45	24.37	
15	QPSK	36	0	22.14	22.20	22.16	22.4
15	QPSK	36	22	24.39	24.42	24.40	24.7
15	QPSK	36	43	22.08	22.18	22.09	22.4
15	QPSK	75	0	22.11	22.10	22.21	
15	16QAM	1	1	23.47	23.54	23.53	23.7
15	64QAM	1	1	22.05	22.17	21.96	22.2
15	256QAM	1	1	19.82	20.07	19.91	20.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.31	24.40	24.36	24.7
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.36	24.39	24.37	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.46	24.48	24.45	24.7
15	PI/2 BPSK	1	40	24.31	24.33	24.34	
15	PI/2 BPSK	1	77	24.36	24.45	24.35	
15	PI/2 BPSK	36	0	23.95	24.01	23.94	24.2
15	PI/2 BPSK	36	22	24.43	24.42	24.42	24.7
15	PI/2 BPSK	36	43	23.91	24.00	23.87	24.2
15	PI/2 BPSK	75	0	23.93	23.94	23.94	
15	QPSK	1	1	24.43	24.45	24.40	24.7
15	QPSK	1	40	24.32	24.33	24.30	
15	QPSK	1	77	24.31	24.45	24.37	
15	QPSK	36	0	22.14	22.20	22.16	22.4
15	QPSK	36	22	24.39	24.42	24.40	24.7
15	QPSK	36	43	22.08	22.18	22.09	22.4
15	QPSK	75	0	22.11	22.10	22.21	
15	16QAM	1	1	23.47	23.54	23.53	23.7
15	64QAM	1	1	22.05	22.17	21.96	22.2
15	256QAM	1	1	19.82	20.07	19.91	20.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.31	24.40	24.36	24.7
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.36	24.39	24.37	24.7

<FR1 n14_Ant 1_Index 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.20		24.7
10	PI/2 BPSK	1	26		24.19		
10	PI/2 BPSK	1	50		24.17		
10	PI/2 BPSK	25	0		23.67		24.2
10	PI/2 BPSK	25	14		24.17		24.7
10	PI/2 BPSK	25	27		23.67		24.2
10	PI/2 BPSK	50	0		23.66		
10	QPSK	1	1		24.15		24.7
10	QPSK	1	26		24.13		
10	QPSK	1	50		24.14		
10	QPSK	25	0		23.14		23.7
10	QPSK	25	14		24.15		24.7
10	QPSK	25	27		23.17		23.7
10	QPSK	50	0		23.18		
10	16QAM	1	1		23.09		23.7
10	64QAM	1	1		21.70		22.2
10	256QAM	1	1		19.66		20.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.14	24.18	24.18	24.7

<FR1 n14_Ant 1_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		21.07		22.3
10	PI/2 BPSK	1	26		21.01		
10	PI/2 BPSK	1	50		20.98		
10	PI/2 BPSK	25	0		21.11		22.3
10	PI/2 BPSK	25	14		21.12		22.3
10	PI/2 BPSK	25	27		21.04		22.3
10	PI/2 BPSK	50	0		21.11		
10	QPSK	1	1		20.99		22.3
10	QPSK	1	26		21.04		
10	QPSK	1	50		21.03		
10	QPSK	25	0		21.09		22.3
10	QPSK	25	14		21.09		22.3
10	QPSK	25	27		21.03		22.3
10	QPSK	50	0		21.07		
10	16QAM	1	1		21.00		22.3
10	64QAM	1	1		21.04		22.2
10	256QAM	1	1		19.72		20.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	20.99	21.02	20.98	22.3

<FR1 n14_Ant 1_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		21.07		21.4
10	PI/2 BPSK	1	26		21.01		
10	PI/2 BPSK	1	50		20.98		
10	PI/2 BPSK	25	0		21.11		21.4
10	PI/2 BPSK	25	14		21.12		21.4
10	PI/2 BPSK	25	27		21.04		21.4
10	PI/2 BPSK	50	0		21.11		
10	QPSK	1	1		20.99		21.4
10	QPSK	1	26		21.04		
10	QPSK	1	50		21.03		
10	QPSK	25	0		21.09		21.4
10	QPSK	25	14		21.09		21.4
10	QPSK	25	27		21.03		21.4
10	QPSK	50	0		21.07		
10	16QAM	1	1		21.00		21.4
10	64QAM	1	1		21.04		21.4
10	256QAM	1	1		19.72		20.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	20.99	21.02	20.98	21.4

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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)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.20		24.7
10	PI/2 BPSK	1	26		24.19		
10	PI/2 BPSK	1	50		24.17		
10	PI/2 BPSK	25	0		23.67		24.2
10	PI/2 BPSK	25	14		24.17		24.7
10	PI/2 BPSK	25	27		23.67		24.2
10	PI/2 BPSK	50	0		23.66		
10	QPSK	1	1		24.15		24.7
10	QPSK	1	26		24.13		
10	QPSK	1	50		24.14		
10	QPSK	25	0		23.14		23.7
10	QPSK	25	14		24.15		24.7
10	QPSK	25	27		23.17		23.7
10	QPSK	50	0		23.18		
10	16QAM	1	1		23.09		23.7
10	64QAM	1	1		21.70		22.2
10	256QAM	1	1		19.66		20.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.14	24.18	24.18	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.20		24.7
10	PI/2 BPSK	1	26		24.19		
10	PI/2 BPSK	1	50		24.17		
10	PI/2 BPSK	25	0		23.67		24.2
10	PI/2 BPSK	25	14		24.17		24.7
10	PI/2 BPSK	25	27		23.67		24.2
10	PI/2 BPSK	50	0		23.66		
10	QPSK	1	1		24.15		24.7
10	QPSK	1	26		24.13		
10	QPSK	1	50		24.14		
10	QPSK	25	0		23.14		23.7
10	QPSK	25	14		24.15		24.7
10	QPSK	25	27		23.17		23.7
10	QPSK	50	0		23.18		
10	16QAM	1	1		23.09		23.7
10	64QAM	1	1		21.70		22.2
10	256QAM	1	1		19.66		20.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.14	24.18	24.18	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.20		24.7
10	PI/2 BPSK	1	26		24.19		
10	PI/2 BPSK	1	50		24.17		
10	PI/2 BPSK	25	0		23.67		24.2
10	PI/2 BPSK	25	14		24.17		24.7
10	PI/2 BPSK	25	27		23.67		24.2
10	PI/2 BPSK	50	0		23.66		
10	QPSK	1	1		24.15		24.7
10	QPSK	1	26		24.13		
10	QPSK	1	50		24.14		
10	QPSK	25	0		23.14		23.7
10	QPSK	25	14		24.15		24.7
10	QPSK	25	27		23.17		23.7
10	QPSK	50	0		23.18		
10	16QAM	1	1		23.09		23.7
10	64QAM	1	1		21.70		22.2
10	256QAM	1	1		19.66		20.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.14	24.18	24.18	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.59	23.66	23.55	24.1
40	PI/2 BPSK	1	108	23.58	23.65	23.58	
40	PI/2 BPSK	1	214	23.50	23.62	23.59	
40	PI/2 BPSK	108	0	23.07	23.14	23.03	23.6
40	PI/2 BPSK	108	54	23.54	23.65	23.54	24.1
40	PI/2 BPSK	108	108	23.03	23.10	23.03	23.6
40	PI/2 BPSK	216	0	23.14	23.16	23.06	
40	QPSK	1	1	23.58	23.62	23.60	24.1
40	QPSK	1	108	23.58	23.56	23.55	
40	QPSK	1	214	23.56	23.57	23.58	
40	QPSK	108	0	22.58	22.64	22.54	23.1
40	QPSK	108	54	23.60	23.61	23.56	24.1
40	QPSK	108	108	22.53	22.61	22.56	23.1
40	QPSK	216	0	22.66	22.66	22.51	
40	16QAM	1	1	22.59	22.63	22.60	23.1
40	64QAM	1	1	21.18	21.21	21.08	21.6
40	256QAM	1	1	18.90	18.98	18.87	19.6
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.43	23.45	23.42	24.1
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.48	23.57	23.54	24.1
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.54	23.58	23.57	24.1
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.48	23.54	23.51	24.1
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.55	23.57	23.52	24.1
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.44	23.52	23.45	24.1
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.50	23.53	23.48	24.1

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.60	23.73	23.69	24.6
40	PI/2 BPSK	1	108	23.65	23.71	23.69	
40	PI/2 BPSK	1	214	23.60	23.70	23.68	
40	PI/2 BPSK	108	0	23.19	23.21	23.15	24.1
40	PI/2 BPSK	108	54	23.70	23.71	23.68	24.6
40	PI/2 BPSK	108	108	23.08	23.15	23.12	24.1
40	PI/2 BPSK	216	0	23.19	23.21	23.16	
40	QPSK	1	1	23.61	23.62	23.68	24.6
40	QPSK	1	108	23.69	23.67	23.67	
40	QPSK	1	214	23.63	23.71	23.68	
40	QPSK	108	0	21.65	21.67	21.67	22.6
40	QPSK	108	54	23.70	23.68	23.66	24.6
40	QPSK	108	108	21.68	21.64	21.75	22.6
40	QPSK	216	0	21.79	21.64	21.67	
40	16QAM	1	1	22.63	22.71	22.72	23.6
40	64QAM	1	1	21.18	21.21	21.23	22.1
40	256QAM	1	1	19.17	19.10	19.14	20.1
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.66	23.64	23.60	24.6
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.55	23.70	23.69	24.6
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.55	23.66	23.56	24.6
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.57	23.67	23.56	24.6
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.65	23.66	23.63	24.6
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.63	23.63	23.59	24.6
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.66	23.65	23.66	24.6

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.59	23.66	23.55	24.1
40	PI/2 BPSK	1	108	23.58	23.65	23.58	
40	PI/2 BPSK	1	214	23.50	23.62	23.59	
40	PI/2 BPSK	108	0	23.07	23.14	23.03	23.6
40	PI/2 BPSK	108	54	23.54	23.65	23.54	24.1
40	PI/2 BPSK	108	108	23.03	23.10	23.03	23.6
40	PI/2 BPSK	216	0	23.14	23.16	23.06	
40	QPSK	1	1	23.58	23.62	23.60	24.1
40	QPSK	1	108	23.58	23.56	23.55	
40	QPSK	1	214	23.56	23.57	23.58	
40	QPSK	108	0	22.58	22.64	22.54	23.1
40	QPSK	108	54	23.60	23.61	23.56	24.1
40	QPSK	108	108	22.53	22.61	22.56	23.1
40	QPSK	216	0	22.66	22.66	22.51	
40	16QAM	1	1	22.59	22.63	22.60	23.1
40	64QAM	1	1	21.18	21.21	21.08	21.6
40	256QAM	1	1	18.90	18.98	18.87	19.6
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.43	23.45	23.42	24.1
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.48	23.57	23.54	24.1
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.54	23.58	23.57	24.1
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.48	23.54	23.51	24.1
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.55	23.57	23.52	24.1
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.44	23.52	23.45	24.1
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.50	23.53	23.48	24.1

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.15	17.25	17.21	18.2
40	PI/2 BPSK	1	108	17.19	17.16	17.25	
40	PI/2 BPSK	1	214	17.21	17.15	17.18	
40	PI/2 BPSK	108	0	17.18	17.15	17.18	18.2
40	PI/2 BPSK	108	54	17.16	17.26	17.16	18.2
40	PI/2 BPSK	108	108	17.15	17.19	17.22	18.2
40	PI/2 BPSK	216	0	17.20	17.28	17.15	
40	QPSK	1	1	17.20	17.15	17.16	18.2
40	QPSK	1	108	17.22	17.20	17.24	
40	QPSK	1	214	17.22	17.17	17.22	
40	QPSK	108	0	17.21	17.18	17.25	18.2
40	QPSK	108	54	17.18	17.23	17.25	18.2
40	QPSK	108	108	17.17	17.22	17.18	18.2
40	QPSK	216	0	17.19	17.19	17.20	
40	16QAM	1	1	17.17	17.18	17.17	18.2
40	64QAM	1	1	17.25	17.17	17.17	18.2
40	256QAM	1	1	17.25	17.17	17.22	18.2
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.19	17.20	17.13	18.2
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.18	17.24	17.07	18.2
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.14	17.22	17.06	18.2
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.15	17.23	17.05	18.2
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.14	17.23	17.04	18.2
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.21	17.21	17.09	18.2
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.22	17.26	17.21	18.2

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.59	23.66	23.55	24.1
40	PI/2 BPSK	1	108	23.58	23.65	23.58	
40	PI/2 BPSK	1	214	23.50	23.62	23.59	
40	PI/2 BPSK	108	0	23.07	23.14	23.03	23.6
40	PI/2 BPSK	108	54	23.54	23.65	23.54	24.1
40	PI/2 BPSK	108	108	23.03	23.10	23.03	23.6
40	PI/2 BPSK	216	0	23.14	23.16	23.06	
40	QPSK	1	1	23.58	23.62	23.60	24.1
40	QPSK	1	108	23.58	23.56	23.55	
40	QPSK	1	214	23.56	23.57	23.58	
40	QPSK	108	0	22.58	22.64	22.54	23.1
40	QPSK	108	54	23.60	23.61	23.56	24.1
40	QPSK	108	108	22.53	22.61	22.56	23.1
40	QPSK	216	0	22.66	22.66	22.51	
40	16QAM	1	1	22.59	22.63	22.60	23.1
40	64QAM	1	1	21.18	21.21	21.08	21.6
40	256QAM	1	1	18.90	18.98	18.87	19.6
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.43	23.45	23.42	24.1
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.48	23.57	23.54	24.1
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.54	23.58	23.57	24.1
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.48	23.54	23.51	24.1
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.55	23.57	23.52	24.1
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.44	23.52	23.45	24.1
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.50	23.53	23.48	24.1

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.07	16.25	16.19	17.0
40	PI/2 BPSK	1	108	16.13	16.06	16.17	
40	PI/2 BPSK	1	214	16.20	16.09	16.09	
40	PI/2 BPSK	108	0	16.12	16.08	16.16	17.0
40	PI/2 BPSK	108	54	16.06	16.21	16.09	17.0
40	PI/2 BPSK	108	108	16.09	16.14	16.21	17.0
40	PI/2 BPSK	216	0	16.10	16.19	16.10	
40	QPSK	1	1	16.19	16.11	16.16	17.0
40	QPSK	1	108	16.14	16.10	16.23	
40	QPSK	1	214	16.19	16.17	16.21	
40	QPSK	108	0	16.15	16.10	16.22	17.0
40	QPSK	108	54	16.08	16.19	16.23	17.0
40	QPSK	108	108	16.15	16.12	16.09	17.0
40	QPSK	216	0	16.16	16.19	16.12	
40	16QAM	1	1	16.10	16.16	16.15	17.0
40	64QAM	1	1	16.18	16.14	16.16	17.0
40	256QAM	1	1	16.24	16.07	16.12	17.0
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	15.99	16.05	16.11	17.0
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.00	16.00	16.06	17.0
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.00	15.96	16.16	17.0
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.04	15.93	16.12	17.0
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	15.98	15.96	16.11	17.0
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.12	16.01	16.14	17.0
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.12	15.92	16.07	17.0

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.23	16.31	16.29	17.7
40	PI/2 BPSK	1	108	16.28	16.25	16.21	
40	PI/2 BPSK	1	214	16.26	16.24	16.26	
40	PI/2 BPSK	108	0	16.32	16.30	16.27	17.7
40	PI/2 BPSK	108	54	16.27	16.36	16.30	17.7
40	PI/2 BPSK	108	108	16.30	16.28	16.26	17.7
40	PI/2 BPSK	216	0	16.28	16.31	16.23	
40	QPSK	1	1	16.29	16.26	16.31	17.7
40	QPSK	1	108	16.21	16.21	16.29	
40	QPSK	1	214	16.30	16.25	16.30	
40	QPSK	108	0	16.30	16.25	16.31	17.7
40	QPSK	108	54	16.32	16.34	16.32	17.7
40	QPSK	108	108	16.28	16.29	16.27	17.7
40	QPSK	216	0	16.23	16.28	16.22	
40	16QAM	1	1	16.21	16.23	16.27	17.7
40	64QAM	1	1	16.25	16.22	16.27	17.7
40	256QAM	1	1	16.22	16.28	16.24	17.7
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.17	16.09	16.22	17.7
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.11	16.12	16.12	17.7
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.12	16.20	16.24	17.7
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.22	16.19	16.20	17.7
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	16.15	16.17	16.22	17.7
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.11	16.13	16.21	17.7
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.22	16.13	16.22	17.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	20.08	20.14	20.10	21.8
40	PI/2 BPSK	1	108	20.04	20.06	20.05	
40	PI/2 BPSK	1	214	20.02	20.01	20.08	
40	PI/2 BPSK	108	0	20.08	20.04	20.02	21.8
40	PI/2 BPSK	108	54	20.06	20.19	20.10	21.8
40	PI/2 BPSK	108	108	20.05	20.00	20.09	21.8
40	PI/2 BPSK	216	0	20.01	20.20	20.06	
40	QPSK	1	1	20.07	20.10	20.04	21.8
40	QPSK	1	108	20.02	20.03	20.03	
40	QPSK	1	214	20.00	20.10	20.07	
40	QPSK	108	0	20.02	20.07	20.05	21.8
40	QPSK	108	54	20.01	20.06	20.08	21.8
40	QPSK	108	108	20.05	20.07	20.07	21.8
40	QPSK	216	0	20.04	20.02	20.04	
40	16QAM	1	1	20.04	20.03	20.07	21.8
40	64QAM	1	1	20.07	20.07	20.03	21.8
40	256QAM	1	1	18.84	18.91	18.86	20.1
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	20.05	20.04	20.08	21.8
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.08	20.06	20.09	21.8
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.03	20.02	20.01	21.8
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.00	20.03	20.01	21.8
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.01	20.05	20.02	21.8
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.07	20.04	20.01	21.8
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.02	20.02	20.06	21.8

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.41	18.46	18.43	20.0
40	PI/2 BPSK	1	108	18.36	18.44	18.37	
40	PI/2 BPSK	1	214	18.44	18.39	18.40	
40	PI/2 BPSK	108	0	18.47	18.42	18.45	20.0
40	PI/2 BPSK	108	54	18.49	18.51	18.50	20.0
40	PI/2 BPSK	108	108	18.48	18.41	18.50	20.0
40	PI/2 BPSK	216	0	18.44	18.49	18.47	
40	QPSK	1	1	18.45	18.36	18.44	20.0
40	QPSK	1	108	18.38	18.39	18.46	
40	QPSK	1	214	18.46	18.36	18.41	
40	QPSK	108	0	18.45	18.46	18.49	20.0
40	QPSK	108	54	18.49	18.43	18.42	20.0
40	QPSK	108	108	18.44	18.42	18.44	20.0
40	QPSK	216	0	18.41	18.39	18.48	
40	16QAM	1	1	18.45	18.46	18.39	20.0
40	64QAM	1	1	18.39	18.39	18.38	20.0
40	256QAM	1	1	18.42	18.42	18.39	19.6
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	18.29	18.37	18.26	20.0
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.34	18.39	18.33	20.0
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.32	18.42	18.33	20.0
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.25	18.42	18.28	20.0
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.30	18.42	18.28	20.0
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.34	18.35	18.29	20.0
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.27	18.38	18.26	20.0

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	21.33	21.49	21.37	23.3
40	PI/2 BPSK	1	108	21.31	21.39	21.33	
40	PI/2 BPSK	1	214	21.39	21.32	21.40	
40	PI/2 BPSK	108	0	21.48	21.46	21.43	23.3
40	PI/2 BPSK	108	54	21.51	21.55	21.49	23.3
40	PI/2 BPSK	108	108	21.51	21.48	21.46	23.3
40	PI/2 BPSK	216	0	21.44	21.55	21.50	
40	QPSK	1	1	21.36	21.33	21.38	23.3
40	QPSK	1	108	21.34	21.38	21.35	
40	QPSK	1	214	21.36	21.36	21.40	
40	QPSK	108	0	21.32	21.40	21.35	22.6
40	QPSK	108	54	21.38	21.36	21.39	23.3
40	QPSK	108	108	21.35	21.32	21.34	22.6
40	QPSK	216	0	21.34	21.40	21.32	
40	16QAM	1	1	21.34	21.32	21.38	23.3
40	64QAM	1	1	20.93	20.91	20.90	22.1
40	256QAM	1	1	18.84	18.94	18.88	20.1
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	21.36	21.44	21.38	23.3
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	21.37	21.35	21.37	23.3
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	21.41	21.33	21.32	23.3
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.40	21.35	21.38	23.3
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.39	21.48	21.37	23.3
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.34	21.33	21.34	23.3
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.34	21.48	21.34	23.3

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.41	18.46	18.43	19.3
40	PI/2 BPSK	1	108	18.36	18.44	18.37	
40	PI/2 BPSK	1	214	18.44	18.39	18.40	
40	PI/2 BPSK	108	0	18.47	18.42	18.45	19.3
40	PI/2 BPSK	108	54	18.49	18.51	18.50	19.3
40	PI/2 BPSK	108	108	18.48	18.41	18.50	19.3
40	PI/2 BPSK	216	0	18.44	18.49	18.47	
40	QPSK	1	1	18.45	18.36	18.44	19.3
40	QPSK	1	108	18.38	18.39	18.46	
40	QPSK	1	214	18.46	18.36	18.41	
40	QPSK	108	0	18.45	18.46	18.49	19.3
40	QPSK	108	54	18.49	18.43	18.42	19.3
40	QPSK	108	108	18.44	18.42	18.44	19.3
40	QPSK	216	0	18.41	18.39	18.48	
40	16QAM	1	1	18.45	18.46	18.39	19.3
40	64QAM	1	1	18.39	18.39	18.38	19.3
40	256QAM	1	1	18.42	18.42	18.39	19.3
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	18.29	18.37	18.26	19.3
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.34	18.39	18.33	19.3
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.32	18.42	18.33	19.3
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.25	18.42	18.28	19.3
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.30	18.42	18.28	19.3
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.34	18.35	18.29	19.3
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.27	18.38	18.26	19.3

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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)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	21.33	21.49	21.37	22.6
40	PI/2 BPSK	1	108	21.31	21.39	21.33	
40	PI/2 BPSK	1	214	21.39	21.32	21.40	
40	PI/2 BPSK	108	0	21.48	21.46	21.43	22.6
40	PI/2 BPSK	108	54	21.51	21.55	21.49	22.6
40	PI/2 BPSK	108	108	21.51	21.48	21.46	22.6
40	PI/2 BPSK	216	0	21.44	21.55	21.50	
40	QPSK	1	1	21.36	21.33	21.38	22.6
40	QPSK	1	108	21.34	21.38	21.35	
40	QPSK	1	214	21.36	21.36	21.40	
40	QPSK	108	0	21.32	21.40	21.35	22.6
40	QPSK	108	54	21.38	21.36	21.39	22.6
40	QPSK	108	108	21.35	21.32	21.34	22.6
40	QPSK	216	0	21.34	21.40	21.32	
40	16QAM	1	1	21.34	21.32	21.38	22.6
40	64QAM	1	1	20.93	20.91	20.90	22.1
40	256QAM	1	1	18.84	18.94	18.88	20.1
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	21.36	21.44	21.38	22.6
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	21.37	21.35	21.37	22.6
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	21.41	21.33	21.32	22.6
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.40	21.35	21.38	22.6
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.39	21.48	21.37	22.6
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.34	21.33	21.34	22.6
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.34	21.48	21.34	22.6

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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)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.62	22.66	22.63	23.3
20	PI/2 BPSK	1	53	22.72	22.74	22.80	
20	PI/2 BPSK	1	104	22.62	22.67	22.66	
20	PI/2 BPSK	50	0	22.66	22.62	22.63	23.3
20	PI/2 BPSK	50	28	22.71	22.61	22.70	23.3
20	PI/2 BPSK	50	56	22.63	22.62	22.71	23.3
20	PI/2 BPSK	100	0	22.69	22.64	22.69	
20	QPSK	1	1	24.04	24.06	24.02	24.7
20	QPSK	1	53	24.00	24.02	24.01	
20	QPSK	1	104	23.96	24.05	23.99	
20	QPSK	50	0	22.09	22.01	22.06	22.7
20	QPSK	50	28	23.99	24.01	23.99	24.7
20	QPSK	50	56	22.03	22.03	22.04	22.7
20	QPSK	100	0	22.07	22.10	22.08	
20	16QAM	1	1	23.00	23.17	22.98	23.7
20	64QAM	1	1	21.53	21.51	21.65	22.2
20	256QAM	1	1	17.97	17.99	18.07	18.7
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	1	23.95	23.96	23.93	24.7
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	1	24.02	24.03	23.98	24.7
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	1	23.97	23.93	24.03	24.7

<FR1 n26_Ant 1_Index 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	20.61	20.66	20.57	21.6
20	PI/2 BPSK	1	53	20.58	20.61	20.56	
20	PI/2 BPSK	1	104	20.57	20.57	20.49	
20	PI/2 BPSK	50	0	20.50	20.55	20.50	21.6
20	PI/2 BPSK	50	28	20.55	20.64	20.54	21.6
20	PI/2 BPSK	50	56	20.52	20.61	20.57	21.6
20	PI/2 BPSK	100	0	20.56	20.65	20.55	
20	QPSK	1	1	20.56	20.65	20.63	21.6
20	QPSK	1	53	20.57	20.64	20.57	
20	QPSK	1	104	20.57	20.63	20.62	
20	QPSK	50	0	20.59	20.65	20.59	21.6
20	QPSK	50	28	20.64	20.65	20.61	21.6
20	QPSK	50	56	20.58	20.63	20.63	21.6
20	QPSK	100	0	20.58	20.64	20.54	
20	16QAM	1	1	20.59	20.63	20.58	21.6
20	64QAM	1	1	20.50	20.60	20.55	21.6
20	256QAM	1	1	18.01	18.06	18.05	18.7
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	20.61	20.55	20.57	21.6
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	

10	PI/2 BPSK	1	1	20.58	20.60	20.56	21.6
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	20.64	20.61	20.61	21.6

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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)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	20.09	20.13	20.06	20.4
20	PI/2 BPSK	1	53	20.01	20.02	19.98	
20	PI/2 BPSK	1	104	20.03	20.06	19.93	
20	PI/2 BPSK	50	0	19.99	20.05	19.99	20.4
20	PI/2 BPSK	50	28	20.02	20.07	19.94	20.4
20	PI/2 BPSK	50	56	19.96	20.06	20.01	20.4
20	PI/2 BPSK	100	0	19.96	20.05	20.04	
20	QPSK	1	1	20.06	20.09	20.05	20.4
20	QPSK	1	53	20.05	20.11	20.03	
20	QPSK	1	104	20.01	20.12	20.03	
20	QPSK	50	0	20.00	20.11	20.08	20.4
20	QPSK	50	28	20.12	20.10	20.11	20.4
20	QPSK	50	56	20.01	20.07	20.10	20.4
20	QPSK	100	0	20.08	20.11	19.94	
20	16QAM	1	1	20.01	20.06	20.06	20.4
20	64QAM	1	1	19.95	20.03	20.03	20.4
20	256QAM	1	1	17.93	18.05	18.04	18.7
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	20.00	19.98	19.93	20.4
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	19.97	19.97	19.94	20.4
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	20.02	20.09	19.91	20.4

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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)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.62	22.66	22.63	23.3
20	PI/2 BPSK	1	53	22.72	22.74	22.80	
20	PI/2 BPSK	1	104	22.62	22.67	22.66	
20	PI/2 BPSK	50	0	22.66	22.62	22.63	23.3
20	PI/2 BPSK	50	28	22.71	22.61	22.70	23.3
20	PI/2 BPSK	50	56	22.63	22.62	22.71	23.3
20	PI/2 BPSK	100	0	22.69	22.64	22.69	
20	QPSK	1	1	24.04	24.06	24.02	24.7
20	QPSK	1	53	24.00	24.02	24.01	
20	QPSK	1	104	23.96	24.05	23.99	
20	QPSK	50	0	22.09	22.01	22.06	22.7
20	QPSK	50	28	23.99	24.01	23.99	24.7
20	QPSK	50	56	22.03	22.03	22.04	22.7
20	QPSK	100	0	22.07	22.10	22.08	
20	16QAM	1	1	23.00	23.17	22.98	23.7
20	64QAM	1	1	21.53	21.51	21.65	22.2
20	256QAM	1	1	17.97	17.99	18.07	18.7
Channel				164300	166300	168300	Tune-up limit

Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	QPSK	1	1	23.95	23.96	23.93	24.7
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	1	24.02	24.03	23.98	24.7
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	1	23.97	23.93	24.03	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.62	22.66	22.63	23.3
20	PI/2 BPSK	1	53	22.72	22.74	22.80	
20	PI/2 BPSK	1	104	22.62	22.67	22.66	
20	PI/2 BPSK	50	0	22.66	22.62	22.63	23.3
20	PI/2 BPSK	50	28	22.71	22.61	22.70	23.3
20	PI/2 BPSK	50	56	22.63	22.62	22.71	23.3
20	PI/2 BPSK	100	0	22.69	22.64	22.69	
20	QPSK	1	1	24.04	24.06	24.02	24.7
20	QPSK	1	53	24.00	24.02	24.01	
20	QPSK	1	104	23.96	24.05	23.99	
20	QPSK	50	0	22.09	22.01	22.06	22.7
20	QPSK	50	28	23.99	24.01	23.99	24.7
20	QPSK	50	56	22.03	22.03	22.04	22.7
20	QPSK	100	0	22.07	22.10	22.08	
20	16QAM	1	1	23.00	23.17	22.98	23.7
20	64QAM	1	1	21.53	21.51	21.65	22.2
20	256QAM	1	1	17.97	17.99	18.07	18.7
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	1	23.95	23.96	23.93	24.7
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	1	24.02	24.03	23.98	24.7
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	1	23.97	23.93	24.03	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.62	22.66	22.63	23.3
20	PI/2 BPSK	1	53	22.72	22.74	22.80	
20	PI/2 BPSK	1	104	22.62	22.67	22.66	
20	PI/2 BPSK	50	0	22.66	22.62	22.63	23.3
20	PI/2 BPSK	50	28	22.71	22.61	22.70	23.3
20	PI/2 BPSK	50	56	22.63	22.62	22.71	23.3
20	PI/2 BPSK	100	0	22.69	22.64	22.69	
20	QPSK	1	1	24.04	24.06	24.02	24.7
20	QPSK	1	53	24.00	24.02	24.01	
20	QPSK	1	104	23.96	24.05	23.99	
20	QPSK	50	0	22.09	22.01	22.06	22.7
20	QPSK	50	28	23.99	24.01	23.99	24.7
20	QPSK	50	56	22.03	22.03	22.04	22.7
20	QPSK	100	0	22.07	22.10	22.08	

20	16QAM	1	1	23.00	23.17	22.98	23.7
20	64QAM	1	1	21.53	21.51	21.65	22.2
20	256QAM	1	1	17.97	17.99	18.07	18.7
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	1	23.95	23.96	23.93	24.7
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	1	24.02	24.03	23.98	24.7
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	1	23.97	23.93	24.03	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.55		21.4
10	PI/2 BPSK	1	26		19.43		
10	PI/2 BPSK	1	50		19.53		
10	PI/2 BPSK	25	0		19.52		21.4
10	PI/2 BPSK	25	14		19.50		21.4
10	PI/2 BPSK	25	27		19.47		21.4
10	PI/2 BPSK	50	0		19.51		
10	QPSK	1	1		19.54		21.4
10	QPSK	1	26		19.53		
10	QPSK	1	50		19.46		
10	QPSK	25	0		19.51		21.4
10	QPSK	25	14		19.50		21.4
10	QPSK	25	27		19.49		21.4
10	QPSK	50	0		19.50		
10	16QAM	1	1		19.52		21.4
10	64QAM	1	1		19.52		21.4
10	256QAM	1	1		18.49		19.8
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.51	19.53	19.50	21.4

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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)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.55		21.4
10	PI/2 BPSK	1	26		19.43		
10	PI/2 BPSK	1	50		19.53		
10	PI/2 BPSK	25	0		19.52		21.4
10	PI/2 BPSK	25	14		19.50		21.4
10	PI/2 BPSK	25	27		19.47		21.4
10	PI/2 BPSK	50	0		19.51		
10	QPSK	1	1		19.54		21.4
10	QPSK	1	26		19.53		
10	QPSK	1	50		19.46		
10	QPSK	25	0		19.51		21.4
10	QPSK	25	14		19.50		21.4
10	QPSK	25	27		19.49		21.4
10	QPSK	50	0		19.50		
10	16QAM	1	1		19.52		21.4
10	64QAM	1	1		19.52		21.4
10	256QAM	1	1		18.49		19.8
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.51	19.53	19.50	21.4

<FR1 n30_Ant 0_Index 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.55		21.4
10	PI/2 BPSK	1	26		19.43		
10	PI/2 BPSK	1	50		19.53		
10	PI/2 BPSK	25	0		19.52		21.4
10	PI/2 BPSK	25	14		19.50		21.4
10	PI/2 BPSK	25	27		19.47		21.4
10	PI/2 BPSK	50	0		19.51		
10	QPSK	1	1		19.54		21.4
10	QPSK	1	26		19.53		
10	QPSK	1	50		19.46		
10	QPSK	25	0		19.51		21.4
10	QPSK	25	14		19.50		21.4
10	QPSK	25	27		19.49		21.4
10	QPSK	50	0		19.50		
10	16QAM	1	1		19.52		21.4
10	64QAM	1	1		19.52		21.4
10	256QAM	1	1		18.49		19.8
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.51	19.53	19.50	21.4

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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)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		18.12		19.8
10	PI/2 BPSK	1	26		18.01		
10	PI/2 BPSK	1	50		18.02		
10	PI/2 BPSK	25	0		18.10		19.8
10	PI/2 BPSK	25	14		18.09		19.8
10	PI/2 BPSK	25	27		18.07		19.8
10	PI/2 BPSK	50	0		18.08		
10	QPSK	1	1		18.05		19.8
10	QPSK	1	26		18.02		
10	QPSK	1	50		18.04		
10	QPSK	25	0		18.04		19.8
10	QPSK	25	14		18.00		19.8
10	QPSK	25	27		18.08		19.8
10	QPSK	50	0		18.03		
10	16QAM	1	1		18.04		19.8
10	64QAM	1	1		18.05		19.8
10	256QAM	1	1		18.00		19.8
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.05	18.03	18.06	19.8

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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)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.55		21.3
10	PI/2 BPSK	1	26		19.43		
10	PI/2 BPSK	1	50		19.53		
10	PI/2 BPSK	25	0		19.52		21.3
10	PI/2 BPSK	25	14		19.50		21.3
10	PI/2 BPSK	25	27		19.47		21.3
10	PI/2 BPSK	50	0		19.51		
10	QPSK	1	1		19.54		21.3
10	QPSK	1	26		19.53		
10	QPSK	1	50		19.46		
10	QPSK	25	0		19.51		21.3
10	QPSK	25	14		19.50		21.3
10	QPSK	25	27		19.49		21.3
10	QPSK	50	0		19.50		
10	16QAM	1	1		19.52		21.3
10	64QAM	1	1		19.52		21.3
10	256QAM	1	1		18.49		19.8
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.51	19.53	19.50	21.3

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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)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.55		20.6
10	PI/2 BPSK	1	26		19.43		
10	PI/2 BPSK	1	50		19.53		
10	PI/2 BPSK	25	0		19.52		20.6
10	PI/2 BPSK	25	14		19.50		20.6
10	PI/2 BPSK	25	27		19.47		20.6
10	PI/2 BPSK	50	0		19.51		
10	QPSK	1	1		19.54		20.6
10	QPSK	1	26		19.53		
10	QPSK	1	50		19.46		
10	QPSK	25	0		19.51		20.6
10	QPSK	25	14		19.50		20.6
10	QPSK	25	27		19.49		20.6
10	QPSK	50	0		19.50		
10	16QAM	1	1		19.52		20.6
10	64QAM	1	1		19.52		20.6
10	256QAM	1	1		18.49		19.8
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.51	19.53	19.50	20.6

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.87	24.00	23.84	24.1
40	PI/2 BPSK	1	108	23.97	23.99	23.92	
40	PI/2 BPSK	1	214	23.95	23.98	23.94	
40	PI/2 BPSK	108	0	23.42	23.38	23.34	23.6
40	PI/2 BPSK	108	54	23.88	23.91	23.92	24.1
40	PI/2 BPSK	108	108	23.47	23.35	23.37	23.6
40	PI/2 BPSK	216	0	23.35	23.37	23.38	
40	QPSK	1	1	23.85	23.84	23.82	24.1
40	QPSK	1	108	23.91	23.93	23.98	
40	QPSK	1	214	23.89	23.91	23.79	
40	QPSK	108	0	22.85	22.90	22.85	23.1
40	QPSK	108	54	23.87	23.91	23.91	24.1
40	QPSK	108	108	22.94	22.88	22.89	23.1
40	QPSK	216	0	22.87	22.90	22.88	
40	16QAM	1	1	22.95	22.78	22.75	23.1
40	64QAM	1	1	21.37	21.50	21.41	21.6
40	256QAM	1	1	19.26	19.33	19.20	19.6
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.72	23.81	23.75	24.1
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.76	23.82	23.79	24.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.82	23.86	23.81	24.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.85	23.92	23.87	24.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.79	23.84	23.76	24.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.82	23.89	23.86	24.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.84	23.91	23.87	24.1

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.77	23.84	23.76	24.6
40	PI/2 BPSK	1	108	23.78	23.78	23.76	
40	PI/2 BPSK	1	214	23.60	23.65	23.63	
40	PI/2 BPSK	108	0	23.26	23.28	23.26	24.1
40	PI/2 BPSK	108	54	23.70	23.71	23.59	24.6
40	PI/2 BPSK	108	108	23.10	23.13	23.11	24.1
40	PI/2 BPSK	216	0	23.22	23.27	23.10	
40	QPSK	1	1	23.74	23.72	23.71	24.6
40	QPSK	1	108	23.70	23.71	23.76	
40	QPSK	1	214	23.69	23.56	23.61	
40	QPSK	108	0	22.73	22.71	22.76	23.6
40	QPSK	108	54	23.80	23.72	23.63	24.6
40	QPSK	108	108	22.77	22.65	22.74	23.6
40	QPSK	216	0	22.76	22.70	22.60	
40	16QAM	1	1	22.76	22.77	22.70	23.6
40	64QAM	1	1	21.42	21.28	21.22	22.1
40	256QAM	1	1	19.16	19.13	19.14	20.1
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.75	23.78	23.68	24.6
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.70	23.75	23.74	24.6
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.67	23.77	23.75	24.6
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.76	23.80	23.78	24.6
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.70	23.82	23.68	24.6
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.72	23.78	23.73	24.6
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.67	23.73	23.70	24.6

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.87	24.00	23.84	24.1
40	PI/2 BPSK	1	108	23.97	23.99	23.92	
40	PI/2 BPSK	1	214	23.95	23.98	23.94	
40	PI/2 BPSK	108	0	23.42	23.38	23.34	23.6
40	PI/2 BPSK	108	54	23.88	23.91	23.92	24.1
40	PI/2 BPSK	108	108	23.47	23.35	23.37	23.6
40	PI/2 BPSK	216	0	23.35	23.37	23.38	
40	QPSK	1	1	23.85	23.84	23.82	24.1
40	QPSK	1	108	23.91	23.93	23.98	
40	QPSK	1	214	23.89	23.91	23.79	
40	QPSK	108	0	22.85	22.90	22.85	23.1
40	QPSK	108	54	23.87	23.91	23.91	24.1
40	QPSK	108	108	22.94	22.88	22.89	23.1
40	QPSK	216	0	22.87	22.90	22.88	
40	16QAM	1	1	22.95	22.78	22.75	23.1
40	64QAM	1	1	21.37	21.50	21.41	21.6
40	256QAM	1	1	19.26	19.33	19.20	19.6
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.72	23.81	23.75	24.1
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.76	23.82	23.79	24.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.82	23.86	23.81	24.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.85	23.92	23.87	24.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.79	23.84	23.76	24.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.82	23.89	23.86	24.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.84	23.91	23.87	24.1

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.50	16.61	16.47	17.7
40	PI/2 BPSK	1	108	16.47	16.53	16.55	
40	PI/2 BPSK	1	214	16.45	16.48	16.50	
40	PI/2 BPSK	108	0	16.46	16.49	16.48	17.7
40	PI/2 BPSK	108	54	16.47	16.63	16.55	17.7
40	PI/2 BPSK	108	108	16.48	16.52	16.52	17.7
40	PI/2 BPSK	216	0	16.54	16.64	16.48	
40	QPSK	1	1	16.50	16.49	16.51	17.7
40	QPSK	1	108	16.49	16.48	16.53	
40	QPSK	1	214	16.48	16.53	16.51	
40	QPSK	108	0	16.49	16.46	16.48	17.7
40	QPSK	108	54	16.53	16.54	16.52	17.7
40	QPSK	108	108	16.45	16.52	16.47	17.7
40	QPSK	216	0	16.54	16.55	16.55	
40	16QAM	1	1	16.47	16.53	16.54	17.7
40	64QAM	1	1	16.53	16.51	16.53	17.7
40	256QAM	1	1	16.46	16.46	16.50	17.7
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.55	16.53	16.49	17.7
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.49	16.47	16.50	17.7
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.54	16.45	16.48	17.7
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.52	16.47	16.48	17.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.46	16.63	16.50	17.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.46	16.51	16.51	17.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.53	16.59	16.51	17.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.87	24.00	23.84	24.1
40	PI/2 BPSK	1	108	23.97	23.99	23.92	
40	PI/2 BPSK	1	214	23.95	23.98	23.94	
40	PI/2 BPSK	108	0	23.42	23.38	23.34	23.6
40	PI/2 BPSK	108	54	23.88	23.91	23.92	24.1
40	PI/2 BPSK	108	108	23.47	23.35	23.37	23.6
40	PI/2 BPSK	216	0	23.35	23.37	23.38	
40	QPSK	1	1	23.85	23.84	23.82	24.1
40	QPSK	1	108	23.91	23.93	23.98	
40	QPSK	1	214	23.89	23.91	23.79	
40	QPSK	108	0	22.85	22.90	22.85	23.1
40	QPSK	108	54	23.87	23.91	23.91	24.1
40	QPSK	108	108	22.94	22.88	22.89	23.1
40	QPSK	216	0	22.87	22.90	22.88	
40	16QAM	1	1	22.95	22.78	22.75	23.1
40	64QAM	1	1	21.37	21.50	21.41	21.6
40	256QAM	1	1	19.26	19.33	19.20	19.6
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.72	23.81	23.75	24.1
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.76	23.82	23.79	24.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.82	23.86	23.81	24.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.85	23.92	23.87	24.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.79	23.84	23.76	24.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.82	23.89	23.86	24.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.84	23.91	23.87	24.1

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	15.91	16.10	15.87	16.5
40	PI/2 BPSK	1	108	15.88	15.94	16.04	
40	PI/2 BPSK	1	214	15.86	15.95	16.00	
40	PI/2 BPSK	108	0	15.91	15.98	15.94	16.5
40	PI/2 BPSK	108	54	15.89	16.03	15.98	16.5
40	PI/2 BPSK	108	108	15.89	15.92	15.93	16.5
40	PI/2 BPSK	216	0	16.01	16.12	15.98	
40	QPSK	1	1	15.99	15.97	16.00	16.5
40	QPSK	1	108	15.96	15.97	16.02	
40	QPSK	1	214	15.98	15.98	15.91	
40	QPSK	108	0	15.94	15.94	15.94	16.5
40	QPSK	108	54	15.97	15.98	15.98	16.5
40	QPSK	108	108	15.91	15.99	15.97	16.5
40	QPSK	216	0	15.97	15.98	15.97	
40	16QAM	1	1	15.91	15.97	16.00	16.5
40	64QAM	1	1	15.94	15.92	15.93	16.5
40	256QAM	1	1	15.93	15.90	15.93	16.5
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	15.82	15.87	15.95	16.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.81	15.83	15.91	16.5
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.73	15.79	16.00	16.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	15.79	15.86	16.01	16.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	15.84	15.83	15.91	16.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	15.81	15.79	15.97	16.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	15.87	15.88	15.89	16.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.24	17.33	17.26	18.6
40	PI/2 BPSK	1	108	17.25	17.28	17.30	
40	PI/2 BPSK	1	214	17.31	17.29	17.31	
40	PI/2 BPSK	108	0	17.32	17.33	17.35	18.6
40	PI/2 BPSK	108	54	17.30	17.37	17.27	18.6
40	PI/2 BPSK	108	108	17.33	17.30	17.31	18.6
40	PI/2 BPSK	216	0	17.29	17.36	17.29	
40	QPSK	1	1	17.32	17.29	17.23	18.6
40	QPSK	1	108	17.24	17.27	17.25	
40	QPSK	1	214	17.23	17.24	17.28	
40	QPSK	108	0	17.35	17.30	17.28	18.6
40	QPSK	108	54	17.29	17.34	17.35	18.6
40	QPSK	108	108	17.27	17.27	17.36	18.6
40	QPSK	216	0	17.36	17.34	17.33	
40	16QAM	1	1	17.24	17.23	17.31	18.6
40	64QAM	1	1	17.27	17.31	17.32	18.6
40	256QAM	1	1	17.31	17.32	17.23	18.6
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.21	17.21	17.27	18.6
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.12	17.15	17.29	18.6
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.19	17.23	17.17	18.6
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.17	17.15	17.28	18.6
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.16	17.22	17.23	18.6
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.21	17.18	17.16	18.6
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.23	17.26	17.20	18.6

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.80	20.95	20.83	22.6
40	PI/2 BPSK	1	108	20.84	20.85	20.80	
40	PI/2 BPSK	1	214	20.82	20.79	20.79	
40	PI/2 BPSK	108	0	20.88	20.84	20.87	22.6
40	PI/2 BPSK	108	54	20.79	20.95	20.86	22.6
40	PI/2 BPSK	108	108	20.80	20.79	20.86	22.6
40	PI/2 BPSK	216	0	20.88	20.97	20.88	
40	QPSK	1	1	20.84	20.83	20.87	22.6
40	QPSK	1	108	20.87	20.89	20.89	
40	QPSK	1	214	20.81	20.81	20.79	
40	QPSK	108	0	20.87	20.84	20.80	22.6
40	QPSK	108	54	20.84	20.85	20.80	22.6
40	QPSK	108	108	20.87	20.83	20.87	22.6
40	QPSK	216	0	20.79	20.85	20.81	
40	16QAM	1	1	20.82	20.86	20.80	22.6
40	64QAM	1	1	20.88	20.81	20.81	22.1
40	256QAM	1	1	19.11	19.10	19.13	20.1
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.81	20.91	20.89	22.6
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.79	20.81	20.89	22.6
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.88	20.85	20.81	22.6
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.81	20.83	20.85	22.6
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.80	20.88	20.86	22.6
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.89	20.86	20.87	22.6
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.89	20.88	20.81	22.6

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.67	18.77	18.61	20.4
40	PI/2 BPSK	1	108	18.59	18.59	18.75	
40	PI/2 BPSK	1	214	18.61	18.61	18.63	
40	PI/2 BPSK	108	0	18.68	18.62	18.62	20.4
40	PI/2 BPSK	108	54	18.67	18.80	18.62	20.4
40	PI/2 BPSK	108	108	18.60	18.61	18.72	20.4
40	PI/2 BPSK	216	0	18.56	18.75	18.64	
40	QPSK	1	1	18.69	18.75	18.60	20.4
40	QPSK	1	108	18.68	18.73	18.71	
40	QPSK	1	214	18.57	18.66	18.74	
40	QPSK	108	0	18.61	18.70	18.79	20.4
40	QPSK	108	54	18.73	18.77	18.71	20.4
40	QPSK	108	108	18.75	18.65	18.61	20.4
40	QPSK	216	0	18.60	18.57	18.61	
40	16QAM	1	1	18.73	18.69	18.73	20.4
40	64QAM	1	1	18.64	18.68	18.57	20.4
40	256QAM	1	1	18.76	18.59	18.57	19.6
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.64	18.60	18.57	20.4
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.71	18.68	18.68	20.4
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.74	18.72	18.76	20.4
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.73	18.58	18.65	20.4
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.69	18.74	18.61	20.4
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.73	18.62	18.69	20.4
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.59	18.72	18.60	20.4

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.37	22.48	22.40	23.8
40	PI/2 BPSK	1	108	22.38	22.34	22.34	
40	PI/2 BPSK	1	214	22.41	22.34	22.41	
40	PI/2 BPSK	108	0	22.40	22.34	22.32	23.8
40	PI/2 BPSK	108	54	22.40	22.48	22.39	23.8
40	PI/2 BPSK	108	108	22.34	22.42	22.40	23.8
40	PI/2 BPSK	216	0	22.35	22.49	22.37	
40	QPSK	1	1	22.38	22.33	22.42	23.8
40	QPSK	1	108	22.38	22.40	22.38	
40	QPSK	1	214	22.34	22.33	22.41	
40	QPSK	108	0	22.40	22.34	22.42	23.6
40	QPSK	108	54	22.36	22.42	22.41	23.8
40	QPSK	108	108	22.37	22.37	22.40	23.6
40	QPSK	216	0	22.40	22.42	22.36	
40	16QAM	1	1	22.37	22.34	22.32	23.6
40	64QAM	1	1	21.37	21.27	21.15	22.1
40	256QAM	1	1	19.16	19.08	19.04	20.1
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.42	22.43	22.36	23.8
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.42	22.34	22.40	23.8
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.33	22.36	22.33	23.8
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.39	22.32	22.39	23.8
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.32	22.39	22.37	23.8
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.38	22.33	22.38	23.8
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.41	22.44	22.42	23.8

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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)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.67	18.77	18.61	19.7
40	PI/2 BPSK	1	108	18.59	18.59	18.75	
40	PI/2 BPSK	1	214	18.61	18.61	18.63	
40	PI/2 BPSK	108	0	18.68	18.62	18.62	19.7
40	PI/2 BPSK	108	54	18.67	18.80	18.62	19.7
40	PI/2 BPSK	108	108	18.60	18.61	18.72	19.7
40	PI/2 BPSK	216	0	18.56	18.75	18.64	
40	QPSK	1	1	18.69	18.75	18.60	19.7
40	QPSK	1	108	18.68	18.73	18.71	
40	QPSK	1	214	18.57	18.66	18.74	
40	QPSK	108	0	18.61	18.70	18.79	19.7
40	QPSK	108	54	18.73	18.77	18.71	19.7
40	QPSK	108	108	18.75	18.65	18.61	19.7
40	QPSK	216	0	18.60	18.57	18.61	
40	16QAM	1	1	18.73	18.69	18.73	19.7
40	64QAM	1	1	18.64	18.68	18.57	19.7
40	256QAM	1	1	18.76	18.59	18.57	19.6
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.64	18.60	18.57	19.7
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.71	18.68	18.68	19.7
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.74	18.72	18.76	19.7
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.73	18.58	18.65	19.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.69	18.74	18.61	19.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.73	18.62	18.69	19.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.59	18.72	18.60	19.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.37	22.48	22.40	23.1
40	PI/2 BPSK	1	108	22.38	22.34	22.34	
40	PI/2 BPSK	1	214	22.41	22.34	22.41	
40	PI/2 BPSK	108	0	22.40	22.34	22.32	23.1
40	PI/2 BPSK	108	54	22.40	22.48	22.39	23.1
40	PI/2 BPSK	108	108	22.34	22.42	22.40	23.1
40	PI/2 BPSK	216	0	22.35	22.49	22.37	
40	QPSK	1	1	22.38	22.33	22.42	23.1
40	QPSK	1	108	22.38	22.40	22.38	
40	QPSK	1	214	22.34	22.33	22.41	
40	QPSK	108	0	22.40	22.34	22.42	23.1
40	QPSK	108	54	22.36	22.42	22.41	23.1
40	QPSK	108	108	22.37	22.37	22.40	23.1
40	QPSK	216	0	22.40	22.42	22.36	
40	16QAM	1	1	22.37	22.34	22.32	23.1
40	64QAM	1	1	21.37	21.27	21.15	22.1
40	256QAM	1	1	19.16	19.08	19.04	20.1
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.42	22.43	22.36	23.1
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.42	22.34	22.40	23.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.33	22.36	22.33	23.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.39	22.32	22.39	23.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.32	22.39	22.37	23.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.38	22.33	22.38	23.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.41	22.44	22.42	23.1

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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)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.39		23.8
15	PI/2 BPSK	1	40		23.20		
15	PI/2 BPSK	1	77		23.25		
15	PI/2 BPSK	36	0		22.76		23.3
15	PI/2 BPSK	36	22		23.29		23.8
15	PI/2 BPSK	36	43		22.81		23.3
15	PI/2 BPSK	75	0		22.75		
15	QPSK	1	1		23.37		23.8
15	QPSK	1	40		23.18		
15	QPSK	1	77		23.24		
15	QPSK	36	0		22.30		22.8
15	QPSK	36	22		23.28		23.8
15	QPSK	36	43		22.32		22.8
15	QPSK	75	0		22.31		
15	16QAM	1	1		22.33		22.8
15	64QAM	1	1		20.93		21.3
15	256QAM	1	1		18.86		19.3
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.36	23.37	23.33	23.8
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	23.31	23.35	23.32	23.8

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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)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.39		23.8
15	PI/2 BPSK	1	40		23.20		
15	PI/2 BPSK	1	77		23.25		
15	PI/2 BPSK	36	0		22.76		23.3
15	PI/2 BPSK	36	22		23.29		23.8
15	PI/2 BPSK	36	43		22.81		23.3
15	PI/2 BPSK	75	0		22.75		
15	QPSK	1	1		23.37		23.8
15	QPSK	1	40		23.18		
15	QPSK	1	77		23.24		
15	QPSK	36	0		22.30		22.8
15	QPSK	36	22		23.28		23.8
15	QPSK	36	43		22.32		22.8
15	QPSK	75	0		22.31		
15	16QAM	1	1		22.33		22.8
15	64QAM	1	1		20.93		21.3
15	256QAM	1	1		18.86		19.3
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.36	23.37	23.33	23.8
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	23.31	23.35	23.32	23.8

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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)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.39		23.8
15	PI/2 BPSK	1	40		23.20		
15	PI/2 BPSK	1	77		23.25		
15	PI/2 BPSK	36	0		22.76		23.3
15	PI/2 BPSK	36	22		23.29		23.8
15	PI/2 BPSK	36	43		22.81		23.3
15	PI/2 BPSK	75	0		22.75		
15	QPSK	1	1		23.37		23.8
15	QPSK	1	40		23.18		
15	QPSK	1	77		23.24		
15	QPSK	36	0		22.30		22.8
15	QPSK	36	22		23.28		23.8
15	QPSK	36	43		22.32		22.8
15	QPSK	75	0		22.31		
15	16QAM	1	1		22.33		22.8
15	64QAM	1	1		20.93		21.3
15	256QAM	1	1		18.86		19.3
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.36	23.37	23.33	23.8
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	23.31	23.35	23.32	23.8

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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)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		17.24		18.5
15	PI/2 BPSK	1	40		17.07		
15	PI/2 BPSK	1	77		17.08		
15	PI/2 BPSK	36	0		17.13		18.5
15	PI/2 BPSK	36	22		17.20		18.5
15	PI/2 BPSK	36	43		17.13		18.5
15	PI/2 BPSK	75	0		17.23		
15	QPSK	1	1		17.23		18.5
15	QPSK	1	40		17.18		
15	QPSK	1	77		17.17		
15	QPSK	36	0		17.01		18.5
15	QPSK	36	22		17.19		18.5
15	QPSK	36	43		17.14		18.5
15	QPSK	75	0		17.17		
15	16QAM	1	1		17.17		18.5
15	64QAM	1	1		17.16		18.5
15	256QAM	1	1		17.09		18.5
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	17.03	17.03	17.07	18.5
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	17.05	17.05	17.04	18.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		18.67		20.2
15	PI/2 BPSK	1	40		18.65		
15	PI/2 BPSK	1	77		18.50		
15	PI/2 BPSK	36	0		18.46		20.2
15	PI/2 BPSK	36	22		18.61		20.2
15	PI/2 BPSK	36	43		18.53		20.2
15	PI/2 BPSK	75	0		18.61		
15	QPSK	1	1		18.47		20.2
15	QPSK	1	40		18.54		
15	QPSK	1	77		18.63		
15	QPSK	36	0		18.46		20.2
15	QPSK	36	22		18.45		20.2
15	QPSK	36	43		18.53		20.2
15	QPSK	75	0		18.46		
15	16QAM	1	1		18.54		20.2
15	64QAM	1	1		18.60		20.2
15	256QAM	1	1		18.58		19.3
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	18.60	18.64	18.66	20.2
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	18.60	18.42	18.50	20.2

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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)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		18.67		19.5
15	PI/2 BPSK	1	40		18.65		
15	PI/2 BPSK	1	77		18.50		
15	PI/2 BPSK	36	0		18.46		19.5
15	PI/2 BPSK	36	22		18.61		19.5
15	PI/2 BPSK	36	43		18.53		19.5
15	PI/2 BPSK	75	0		18.61		
15	QPSK	1	1		18.47		19.5
15	QPSK	1	40		18.54		
15	QPSK	1	77		18.63		
15	QPSK	36	0		18.46		19.5
15	QPSK	36	22		18.45		19.5
15	QPSK	36	43		18.53		19.5
15	QPSK	75	0		18.46		
15	16QAM	1	1		18.54		19.5
15	64QAM	1	1		18.60		19.5
15	256QAM	1	1		18.58		19.3
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	18.60	18.64	18.66	19.5
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	18.60	18.42	18.50	19.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.15	24.26	24.22	24.7
20	PI/2 BPSK	1	53	24.21	24.25	24.25	
20	PI/2 BPSK	1	104	24.12	24.24	24.18	
20	PI/2 BPSK	50	0	23.76	23.78	23.83	24.2
20	PI/2 BPSK	50	28	24.22	24.32	24.19	24.7
20	PI/2 BPSK	50	56	23.73	23.81	23.77	24.2
20	PI/2 BPSK	100	0	23.70	23.82	23.80	
20	QPSK	1	1	24.19	24.25	24.23	24.7
20	QPSK	1	53	24.22	24.25	24.22	
20	QPSK	1	104	24.17	24.30	24.18	
20	QPSK	50	0	23.24	23.28	23.35	23.7
20	QPSK	50	28	24.19	24.30	24.22	24.7
20	QPSK	50	56	23.27	23.32	23.27	23.7
20	QPSK	100	0	23.23	23.32	23.27	
20	16QAM	1	1	23.22	23.22	23.22	23.7
20	64QAM	1	1	21.75	21.72	21.87	22.2
20	256QAM	1	1	19.69	19.68	19.72	20.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.15	24.22	24.17	24.7
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.13	24.24	24.18	24.7
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.22	24.25	24.20	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.25	23.32	23.26	24.0
20	PI/2 BPSK	1	53	23.25	23.32	23.28	
20	PI/2 BPSK	1	104	23.24	23.29	23.27	
20	PI/2 BPSK	50	0	23.26	23.27	23.18	24.0
20	PI/2 BPSK	50	28	23.32	23.41	23.40	24.0
20	PI/2 BPSK	50	56	23.32	23.38	23.33	24.0
20	PI/2 BPSK	100	0	23.32	23.37	23.31	
20	QPSK	1	1	23.20	23.23	23.20	24.0
20	QPSK	1	53	23.15	23.25	23.21	
20	QPSK	1	104	23.17	23.27	23.25	
20	QPSK	50	0	23.13	23.17	23.14	23.7
20	QPSK	50	28	23.31	23.40	23.35	24.0
20	QPSK	50	56	23.12	23.15	23.15	23.7
20	QPSK	100	0	23.14	23.22	23.19	
20	16QAM	1	1	23.20	23.21	23.20	23.7
20	64QAM	1	1	21.59	21.61	21.60	22.2
20	256QAM	1	1	19.46	19.51	19.51	20.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.31	23.23	23.30	24.0
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.31	23.24	23.25	24.0
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.27	23.25	23.25	24.0

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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)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	22.32	22.44	22.32	22.8
20	PI/2 BPSK	1	53	22.15	22.22	22.20	
20	PI/2 BPSK	1	104	22.20	22.19	22.20	
20	PI/2 BPSK	50	0	22.16	22.17	22.16	22.8
20	PI/2 BPSK	50	28	22.29	22.37	22.32	22.8
20	PI/2 BPSK	50	56	22.28	22.35	22.31	22.8
20	PI/2 BPSK	100	0	22.31	22.32	22.27	
20	QPSK	1	1	22.16	22.18	22.18	22.8
20	QPSK	1	53	22.07	22.22	22.13	
20	QPSK	1	104	22.14	22.23	22.17	
20	QPSK	50	0	22.12	22.08	22.09	22.8
20	QPSK	50	28	22.27	22.30	22.26	22.8
20	QPSK	50	56	22.07	22.05	22.14	22.8
20	QPSK	100	0	22.06	22.15	22.16	
20	16QAM	1	1	22.18	22.21	22.11	22.8
20	64QAM	1	1	21.58	21.58	21.53	22.2
20	256QAM	1	1	19.41	19.46	19.45	20.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.12	22.12	22.17	22.8
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	22.11	22.23	22.21	22.8
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.14	22.17	22.10	22.8

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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)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.15	24.26	24.22	24.7
20	PI/2 BPSK	1	53	24.21	24.25	24.25	
20	PI/2 BPSK	1	104	24.12	24.24	24.18	
20	PI/2 BPSK	50	0	23.76	23.78	23.83	24.2
20	PI/2 BPSK	50	28	24.22	24.32	24.19	24.7
20	PI/2 BPSK	50	56	23.73	23.81	23.77	24.2
20	PI/2 BPSK	100	0	23.70	23.82	23.80	
20	QPSK	1	1	24.19	24.25	24.23	24.7
20	QPSK	1	53	24.22	24.25	24.22	
20	QPSK	1	104	24.17	24.30	24.18	
20	QPSK	50	0	23.24	23.28	23.35	23.7
20	QPSK	50	28	24.19	24.30	24.22	24.7
20	QPSK	50	56	23.27	23.32	23.27	23.7
20	QPSK	100	0	23.23	23.32	23.27	
20	16QAM	1	1	23.22	23.22	23.22	23.7
20	64QAM	1	1	21.75	21.72	21.87	22.2
20	256QAM	1	1	19.69	19.68	19.72	20.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.15	24.22	24.17	24.7
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.13	24.24	24.18	24.7
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.22	24.25	24.20	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.15	24.26	24.22	24.7
20	PI/2 BPSK	1	53	24.21	24.25	24.25	
20	PI/2 BPSK	1	104	24.12	24.24	24.18	
20	PI/2 BPSK	50	0	23.76	23.78	23.83	24.2
20	PI/2 BPSK	50	28	24.22	24.32	24.19	24.7
20	PI/2 BPSK	50	56	23.73	23.81	23.77	24.2
20	PI/2 BPSK	100	0	23.70	23.82	23.80	
20	QPSK	1	1	24.19	24.25	24.23	24.7
20	QPSK	1	53	24.22	24.25	24.22	
20	QPSK	1	104	24.17	24.30	24.18	
20	QPSK	50	0	23.24	23.28	23.35	23.7
20	QPSK	50	28	24.19	24.30	24.22	24.7
20	QPSK	50	56	23.27	23.32	23.27	23.7
20	QPSK	100	0	23.23	23.32	23.27	
20	16QAM	1	1	23.22	23.22	23.22	23.7
20	64QAM	1	1	21.75	21.72	21.87	22.2
20	256QAM	1	1	19.69	19.68	19.72	20.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.15	24.22	24.17	24.7
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.13	24.24	24.18	24.7
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.22	24.25	24.20	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.15	24.26	24.22	24.7
20	PI/2 BPSK	1	53	24.21	24.25	24.25	
20	PI/2 BPSK	1	104	24.12	24.24	24.18	
20	PI/2 BPSK	50	0	23.76	23.78	23.83	24.2
20	PI/2 BPSK	50	28	24.22	24.32	24.19	24.7
20	PI/2 BPSK	50	56	23.73	23.81	23.77	24.2
20	PI/2 BPSK	100	0	23.70	23.82	23.80	
20	QPSK	1	1	24.19	24.25	24.23	24.7
20	QPSK	1	53	24.22	24.25	24.22	
20	QPSK	1	104	24.17	24.30	24.18	
20	QPSK	50	0	23.24	23.28	23.35	23.7
20	QPSK	50	28	24.19	24.30	24.22	24.7
20	QPSK	50	56	23.27	23.32	23.27	23.7
20	QPSK	100	0	23.23	23.32	23.27	
20	16QAM	1	1	23.22	23.22	23.22	23.7
20	64QAM	1	1	21.75	21.72	21.87	22.2
20	256QAM	1	1	19.69	19.68	19.72	20.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.15	24.22	24.17	24.7
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.13	24.24	24.18	24.7
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.22	24.25	24.20	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.47	23.50	23.46	24.6
40	PI/2 BPSK	1	53	23.40	23.47	23.42	
40	PI/2 BPSK	1	104	23.45	23.46	23.45	
40	PI/2 BPSK	50	0	22.99	22.91	23.00	24.1
40	PI/2 BPSK	50	28	23.42	23.44	23.43	24.6
40	PI/2 BPSK	50	56	22.94	23.43	22.96	24.1
40	PI/2 BPSK	100	0	22.92	22.95	22.93	
40	QPSK	1	1	23.47	23.41	23.47	24.6
40	QPSK	1	53	23.42	23.39	23.41	
40	QPSK	1	104	23.44	23.41	23.43	
40	QPSK	50	0	22.51	22.42	22.50	23.6
40	QPSK	50	28	23.46	23.40	23.44	24.6
40	QPSK	50	56	22.45	22.37	22.45	23.6
40	QPSK	100	0	22.42	22.39	22.42	
40	16QAM	1	1	22.53	22.45	22.52	23.6
40	64QAM	1	1	20.84	20.77	20.83	22.1
40	256QAM	1	1	18.80	18.75	18.79	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.44	23.46	23.36	24.6
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.42	23.47	23.43	24.6
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.46	23.41	23.43	24.6
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.37	23.43	23.42	24.6
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.39	23.44	23.43	24.6

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.77	23.66	23.66	24.6
40	PI/2 BPSK	1	53	23.64	23.56	23.56	
40	PI/2 BPSK	1	104	23.59	23.52	23.57	
40	PI/2 BPSK	50	0	23.14	23.11	23.14	24.1
40	PI/2 BPSK	50	28	23.66	23.56	23.59	24.6
40	PI/2 BPSK	50	56	23.01	23.04	23.06	24.1
40	PI/2 BPSK	100	0	23.12	23.07	23.07	
40	QPSK	1	1	23.70	23.61	23.62	24.6
40	QPSK	1	53	23.63	23.54	23.57	
40	QPSK	1	104	23.58	23.51	23.54	
40	QPSK	50	0	22.64	22.68	22.65	23.6
40	QPSK	50	28	23.68	23.61	23.62	24.6
40	QPSK	50	56	22.56	22.56	22.56	23.6
40	QPSK	100	0	22.62	22.59	22.56	
40	16QAM	1	1	22.77	22.67	22.68	23.6
40	64QAM	1	1	21.04	21.00	20.98	22.1
40	256QAM	1	1	18.98	18.93	18.94	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.73	23.67	23.63	24.6
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.72	23.73	23.61	24.6
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.71	23.71	23.58	24.6
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.74	23.67	23.59	24.6
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.75	23.65	23.56	24.6

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.47	23.50	23.46	24.6
40	PI/2 BPSK	1	53	23.40	23.47	23.42	
40	PI/2 BPSK	1	104	23.45	23.46	23.45	
40	PI/2 BPSK	50	0	22.99	22.91	23.00	24.1
40	PI/2 BPSK	50	28	23.42	23.44	23.43	24.6
40	PI/2 BPSK	50	56	22.94	23.43	22.96	24.1
40	PI/2 BPSK	100	0	22.92	22.95	22.93	
40	QPSK	1	1	23.47	23.41	23.47	24.6
40	QPSK	1	53	23.42	23.39	23.41	
40	QPSK	1	104	23.44	23.41	23.43	
40	QPSK	50	0	22.51	22.42	22.50	23.6
40	QPSK	50	28	23.46	23.40	23.44	24.6
40	QPSK	50	56	22.45	22.37	22.45	23.6
40	QPSK	100	0	22.42	22.39	22.42	
40	16QAM	1	1	22.53	22.45	22.52	23.6
40	64QAM	1	1	20.84	20.77	20.83	22.1
40	256QAM	1	1	18.80	18.75	18.79	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.44	23.46	23.36	24.6
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.42	23.47	23.43	24.6
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.46	23.41	23.43	24.6
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.37	23.43	23.42	24.6
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.39	23.44	23.43	24.6

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.55	16.56	16.52	18.4
40	PI/2 BPSK	1	53	16.47	16.48	16.40	
40	PI/2 BPSK	1	104	16.44	16.44	16.45	
40	PI/2 BPSK	50	0	16.50	16.47	16.52	18.4
40	PI/2 BPSK	50	28	16.47	16.40	16.44	18.4
40	PI/2 BPSK	50	56	16.40	16.44	16.43	18.4
40	PI/2 BPSK	100	0	16.51	16.42	16.44	
40	QPSK	1	1	16.53	16.52	16.54	18.4
40	QPSK	1	53	16.43	16.47	16.41	
40	QPSK	1	104	16.44	16.41	16.40	
40	QPSK	50	0	16.52	16.46	16.47	18.4
40	QPSK	50	28	16.48	16.49	16.41	18.4
40	QPSK	50	56	16.45	16.44	16.40	18.4
40	QPSK	100	0	16.50	16.41	16.40	
40	16QAM	1	1	16.65	16.58	16.63	18.4
40	64QAM	1	1	16.50	16.44	16.42	18.4
40	256QAM	1	1	16.49	16.44	16.42	18.4
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.46	16.55	16.49	18.4
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.48	16.51	16.42	18.4
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.46	16.47	16.47	18.4
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.55	16.55	16.52	18.4
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.48	16.53	16.42	18.4

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.47	23.50	23.46	24.6
40	PI/2 BPSK	1	53	23.40	23.47	23.42	
40	PI/2 BPSK	1	104	23.45	23.46	23.45	
40	PI/2 BPSK	50	0	22.99	22.91	23.00	24.1
40	PI/2 BPSK	50	28	23.42	23.44	23.43	24.6
40	PI/2 BPSK	50	56	22.94	23.43	22.96	24.1
40	PI/2 BPSK	100	0	22.92	22.95	22.93	
40	QPSK	1	1	23.47	23.41	23.47	24.6
40	QPSK	1	53	23.42	23.39	23.41	
40	QPSK	1	104	23.44	23.41	23.43	
40	QPSK	50	0	22.51	22.42	22.50	23.6
40	QPSK	50	28	23.46	23.40	23.44	24.6
40	QPSK	50	56	22.45	22.37	22.45	23.6
40	QPSK	100	0	22.42	22.39	22.42	
40	16QAM	1	1	22.53	22.45	22.52	23.6
40	64QAM	1	1	20.84	20.77	20.83	22.1
40	256QAM	1	1	18.80	18.75	18.79	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.44	23.46	23.36	24.6
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.42	23.47	23.43	24.6
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.46	23.41	23.43	24.6
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.37	23.43	23.42	24.6
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.39	23.44	23.43	24.6

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.55	16.56	16.52	17.2
40	PI/2 BPSK	1	53	16.47	16.48	16.40	
40	PI/2 BPSK	1	104	16.44	16.44	16.45	
40	PI/2 BPSK	50	0	16.50	16.47	16.52	17.2
40	PI/2 BPSK	50	28	16.47	16.40	16.44	17.2
40	PI/2 BPSK	50	56	16.40	16.44	16.43	17.2
40	PI/2 BPSK	100	0	16.51	16.42	16.44	
40	QPSK	1	1	16.53	16.52	16.54	17.2
40	QPSK	1	53	16.43	16.47	16.41	
40	QPSK	1	104	16.44	16.41	16.40	
40	QPSK	50	0	16.52	16.46	16.47	17.2
40	QPSK	50	28	16.48	16.49	16.41	17.2
40	QPSK	50	56	16.45	16.44	16.40	17.2
40	QPSK	100	0	16.50	16.41	16.40	
40	16QAM	1	1	16.65	16.58	16.63	17.2
40	64QAM	1	1	16.50	16.44	16.42	17.2
40	256QAM	1	1	16.49	16.44	16.42	17.2
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.46	16.55	16.49	17.2
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.48	16.51	16.42	17.2
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.46	16.47	16.47	17.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.55	16.55	16.52	17.2
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.48	16.53	16.42	17.2

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.46	18.47	18.47	19.6
40	PI/2 BPSK	1	53	18.37	18.42	18.36	
40	PI/2 BPSK	1	104	18.42	18.44	18.38	
40	PI/2 BPSK	50	0	18.36	18.43	18.36	19.6
40	PI/2 BPSK	50	28	18.35	18.40	18.36	19.6
40	PI/2 BPSK	50	56	18.43	18.45	18.38	19.6
40	PI/2 BPSK	100	0	18.39	18.41	18.37	
40	QPSK	1	1	18.33	18.36	18.31	19.6
40	QPSK	1	53	18.35	18.37	18.31	
40	QPSK	1	104	18.40	18.42	18.40	
40	QPSK	50	0	18.37	18.44	18.38	19.6
40	QPSK	50	28	18.36	18.42	18.36	19.6
40	QPSK	50	56	18.38	18.44	18.40	19.6
40	QPSK	100	0	18.37	18.42	18.38	
40	16QAM	1	1	18.38	18.44	18.38	19.6
40	64QAM	1	1	18.24	18.30	18.28	19.6
40	256QAM	1	1	18.24	18.29	18.25	19.6
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.40	18.44	18.40	19.6
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.37	18.37	18.40	19.6
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.36	18.42	18.42	19.6
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.43	18.44	18.41	19.6
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.43	18.41	18.42	19.6

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	20.50	20.51	20.46	21.8
40	PI/2 BPSK	1	53	20.35	20.33	20.32	
40	PI/2 BPSK	1	104	20.35	20.28	20.31	
40	PI/2 BPSK	50	0	20.39	20.40	20.40	21.8
40	PI/2 BPSK	50	28	20.39	20.35	20.35	21.8
40	PI/2 BPSK	50	56	20.37	20.31	20.36	21.8
40	PI/2 BPSK	100	0	20.43	20.37	20.40	
40	QPSK	1	1	20.53	20.47	20.49	21.8
40	QPSK	1	53	20.35	20.31	20.33	
40	QPSK	1	104	20.32	20.26	20.31	
40	QPSK	50	0	20.42	20.42	20.39	21.8
40	QPSK	50	28	20.45	20.36	20.33	21.8
40	QPSK	50	56	20.38	20.31	20.35	21.8
40	QPSK	100	0	20.38	20.38	20.39	
40	16QAM	1	1	20.54	20.53	20.55	21.8
40	64QAM	1	1	20.45	20.39	20.41	21.8
40	256QAM	1	1	18.99	18.96	18.96	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.49	20.46	20.45	21.8
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.49	20.44	20.44	21.8
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.41	20.44	20.42	21.8
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.49	20.46	20.38	21.8
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.40	20.48	20.36	21.8

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	20.64	20.55	20.63	21.7
40	PI/2 BPSK	1	53	20.46	20.33	20.40	
40	PI/2 BPSK	1	104	20.60	20.52	20.60	
40	PI/2 BPSK	50	0	20.51	20.45	20.53	21.7
40	PI/2 BPSK	50	28	20.56	20.49	20.57	21.7
40	PI/2 BPSK	50	56	20.47	20.44	20.56	21.7
40	PI/2 BPSK	100	0	20.47	20.48	20.45	
40	QPSK	1	1	20.61	20.49	20.66	21.7
40	QPSK	1	53	20.40	20.30	20.45	
40	QPSK	1	104	20.76	20.56	20.60	
40	QPSK	50	0	20.66	20.47	20.55	21.7
40	QPSK	50	28	20.59	20.38	20.51	21.7
40	QPSK	50	56	20.53	20.41	20.57	21.7
40	QPSK	100	0	20.53	20.41	20.52	
40	16QAM	1	1	20.67	20.54	20.60	21.7
40	64QAM	1	1	20.55	20.52	20.61	21.7
40	256QAM	1	1	19.06	19.06	19.17	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.44	20.41	20.55	21.7
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.51	20.40	20.47	21.7
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.47	20.44	20.46	21.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.48	20.45	20.47	21.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.45	20.37	20.53	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.51	21.52	21.48	23.3
40	PI/2 BPSK	1	53	21.38	21.34	21.31	
40	PI/2 BPSK	1	104	21.40	21.31	21.33	
40	PI/2 BPSK	50	0	21.45	21.42	21.44	23.3
40	PI/2 BPSK	50	28	21.39	21.36	21.37	23.3
40	PI/2 BPSK	50	56	21.35	21.32	21.31	23.3
40	PI/2 BPSK	100	0	21.46	21.37	21.38	
40	QPSK	1	1	21.48	21.48	21.48	23.3
40	QPSK	1	53	21.33	21.33	21.35	
40	QPSK	1	104	21.32	21.30	21.30	
40	QPSK	50	0	21.44	21.43	21.42	23.3
40	QPSK	50	28	21.39	21.38	21.38	23.3
40	QPSK	50	56	21.31	21.31	21.30	23.3
40	QPSK	100	0	21.43	21.39	21.36	
40	16QAM	1	1	21.63	21.55	21.52	23.3
40	64QAM	1	1	21.09	21.00	20.96	22.1
40	256QAM	1	1	18.95	18.95	18.99	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	21.50	21.43	21.39	23.3
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	21.42	21.49	21.40	23.3
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.43	21.48	21.46	23.3
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.44	21.46	21.45	23.3
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.43	21.50	21.40	23.3

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	20.64	20.55	20.63	21.0
40	PI/2 BPSK	1	53	20.46	20.33	20.40	
40	PI/2 BPSK	1	104	20.60	20.52	20.60	
40	PI/2 BPSK	50	0	20.51	20.45	20.53	21.0
40	PI/2 BPSK	50	28	20.56	20.49	20.57	21.0
40	PI/2 BPSK	50	56	20.47	20.44	20.56	21.0
40	PI/2 BPSK	100	0	20.47	20.48	20.45	
40	QPSK	1	1	20.61	20.49	20.66	21.0
40	QPSK	1	53	20.40	20.30	20.45	
40	QPSK	1	104	20.76	20.56	20.60	
40	QPSK	50	0	20.66	20.47	20.55	21.0
40	QPSK	50	28	20.59	20.38	20.51	21.0
40	QPSK	50	56	20.53	20.41	20.57	21.0
40	QPSK	100	0	20.53	20.41	20.52	
40	16QAM	1	1	20.67	20.54	20.60	21.0
40	64QAM	1	1	20.55	20.52	20.61	21.0
40	256QAM	1	1	19.06	19.06	19.17	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.44	20.41	20.55	21.0
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.51	20.40	20.47	21.0
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.47	20.44	20.46	21.0
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.48	20.45	20.47	21.0
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.45	20.37	20.53	21.0

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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)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.51	21.52	21.48	22.6
40	PI/2 BPSK	1	53	21.38	21.34	21.31	
40	PI/2 BPSK	1	104	21.40	21.31	21.33	
40	PI/2 BPSK	50	0	21.45	21.42	21.44	22.6
40	PI/2 BPSK	50	28	21.39	21.36	21.37	22.6
40	PI/2 BPSK	50	56	21.35	21.32	21.31	22.6
40	PI/2 BPSK	100	0	21.46	21.37	21.38	
40	QPSK	1	1	21.48	21.48	21.48	22.6
40	QPSK	1	53	21.33	21.33	21.35	
40	QPSK	1	104	21.32	21.30	21.30	
40	QPSK	50	0	21.44	21.43	21.42	22.6
40	QPSK	50	28	21.39	21.38	21.38	22.6
40	QPSK	50	56	21.31	21.31	21.30	22.6
40	QPSK	100	0	21.43	21.39	21.36	
40	16QAM	1	1	21.63	21.55	21.52	22.6
40	64QAM	1	1	21.09	21.00	20.96	22.1
40	256QAM	1	1	18.95	18.95	18.99	20.1
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	21.50	21.43	21.39	22.6
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	21.42	21.49	21.40	22.6
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.43	21.48	21.46	22.6
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.44	21.46	21.45	22.6
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.43	21.50	21.40	22.6

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.57	23.60	23.55	24.6
100	PI/2 BPSK	1	137	23.29	23.35	23.29	
100	PI/2 BPSK	1	271	23.50	23.58	23.45	
100	PI/2 BPSK	135	0	22.89	22.91	22.82	24.1
100	PI/2 BPSK	135	69	23.35	23.40	23.33	24.6
100	PI/2 BPSK	135	138	22.89	22.95	22.83	24.1
100	PI/2 BPSK	270	0	22.87	22.89	22.85	
100	QPSK	1	1	23.53	23.45	23.38	24.6
100	QPSK	1	137	23.23	23.30	23.26	
100	QPSK	1	271	23.43	23.54	23.40	
100	QPSK	135	0	22.40	22.42	22.34	23.6
100	QPSK	135	69	23.36	23.41	23.36	24.6
100	QPSK	135	138	22.39	22.44	22.35	23.6
100	QPSK	270	0	22.37	22.42	22.36	
100	16QAM	1	1	22.62	22.55	22.49	23.6
100	64QAM	1	1	20.93	20.87	20.78	22.1
100	256QAM	1	1	18.90	18.86	18.77	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.52	23.59	23.53	24.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.48	23.55	23.48	24.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.51	23.50	23.51	24.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.47	23.54	23.52	24.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.51	23.59	23.46	24.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.52	23.57	23.45	24.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.55	23.50	23.50	24.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.50	23.54	23.50	24.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.54	23.50	23.54	24.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.52	23.58	23.51	24.6

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.92	23.90	23.72	24.6
100	PI/2 BPSK	1	137	23.69	23.54	23.43	
100	PI/2 BPSK	1	271	23.72	23.70	23.72	
100	PI/2 BPSK	135	0	23.24	23.22	23.05	24.1
100	PI/2 BPSK	135	69	23.73	23.59	23.51	24.6
100	PI/2 BPSK	135	138	23.22	23.05	22.99	24.1
100	PI/2 BPSK	270	0	23.24	23.13	22.98	
100	QPSK	1	1	23.87	23.87	23.70	24.6
100	QPSK	1	137	23.65	23.48	23.38	
100	QPSK	1	271	23.67	23.54	23.66	
100	QPSK	135	0	22.73	22.68	22.55	23.6
100	QPSK	135	69	23.77	23.55	23.51	24.6
100	QPSK	135	138	22.76	22.48	22.51	23.6
100	QPSK	270	0	22.72	22.62	22.47	
100	16QAM	1	1	22.94	22.90	22.75	23.6
100	64QAM	1	1	21.25	21.20	21.05	22.1
100	256QAM	1	1	19.20	19.16	19.00	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.86	23.80	23.60	24.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.83	23.71	23.58	24.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.81	23.70	23.57	24.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.77	23.68	23.55	24.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.75	23.66	23.55	24.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.74	23.60	23.52	24.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.71	23.59	23.50	24.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.68	23.55	23.48	24.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.67	23.54	23.49	24.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.69	23.55	23.48	24.6

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.57	23.60	23.55	24.6
100	PI/2 BPSK	1	137	23.29	23.35	23.29	
100	PI/2 BPSK	1	271	23.50	23.58	23.45	
100	PI/2 BPSK	135	0	22.89	22.91	22.82	24.1
100	PI/2 BPSK	135	69	23.35	23.40	23.33	24.6
100	PI/2 BPSK	135	138	22.89	22.95	22.83	24.1
100	PI/2 BPSK	270	0	22.87	22.89	22.85	
100	QPSK	1	1	23.53	23.45	23.38	24.6
100	QPSK	1	137	23.23	23.30	23.26	
100	QPSK	1	271	23.43	23.54	23.40	
100	QPSK	135	0	22.40	22.42	22.34	23.6
100	QPSK	135	69	23.36	23.41	23.36	24.6
100	QPSK	135	138	22.39	22.44	22.35	23.6
100	QPSK	270	0	22.37	22.42	22.36	
100	16QAM	1	1	22.62	22.55	22.49	23.6
100	64QAM	1	1	20.93	20.87	20.78	22.1
100	256QAM	1	1	18.90	18.86	18.77	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.52	23.59	23.53	24.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.48	23.55	23.48	24.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.51	23.50	23.51	24.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.47	23.54	23.52	24.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.51	23.59	23.46	24.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.52	23.57	23.45	24.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.55	23.50	23.50	24.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.50	23.54	23.50	24.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.54	23.50	23.54	24.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.52	23.58	23.51	24.6

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.78	16.74	16.62	18.4
100	PI/2 BPSK	1	137	16.55	16.49	16.42	
100	PI/2 BPSK	1	271	16.64	16.51	16.48	
100	PI/2 BPSK	135	0	16.75	16.65	16.63	18.4
100	PI/2 BPSK	135	69	16.54	16.44	16.40	18.4
100	PI/2 BPSK	135	138	16.48	16.43	16.43	18.4
100	PI/2 BPSK	270	0	16.62	16.51	16.44	
100	QPSK	1	1	16.80	16.68	16.59	18.4
100	QPSK	1	137	16.48	16.42	16.46	
100	QPSK	1	271	16.51	16.42	16.49	
100	QPSK	135	0	16.78	16.64	16.52	18.4
100	QPSK	135	69	16.49	16.44	16.42	18.4
100	QPSK	135	138	16.51	16.44	16.47	18.4
100	QPSK	270	0	16.63	16.51	16.47	
100	16QAM	1	1	16.85	16.78	16.68	18.4
100	64QAM	1	1	16.68	16.63	16.61	18.4
100	256QAM	1	1	16.68	16.63	16.60	18.4
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.73	16.64	16.56	18.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.73	16.68	16.60	18.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.68	16.73	16.62	18.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.73	16.66	16.62	18.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.76	16.72	16.52	18.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.71	16.69	16.55	18.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.68	16.64	16.53	18.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.76	16.71	16.56	18.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.77	16.64	16.56	18.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.68	16.66	16.57	18.4

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.57	23.60	23.55	24.6
100	PI/2 BPSK	1	137	23.29	23.35	23.29	
100	PI/2 BPSK	1	271	23.50	23.58	23.45	
100	PI/2 BPSK	135	0	22.89	22.91	22.82	24.1
100	PI/2 BPSK	135	69	23.35	23.40	23.33	24.6
100	PI/2 BPSK	135	138	22.89	22.95	22.83	24.1
100	PI/2 BPSK	270	0	22.87	22.89	22.85	
100	QPSK	1	1	23.53	23.45	23.38	24.6
100	QPSK	1	137	23.23	23.30	23.26	
100	QPSK	1	271	23.43	23.54	23.40	
100	QPSK	135	0	22.40	22.42	22.34	23.6
100	QPSK	135	69	23.36	23.41	23.36	24.6
100	QPSK	135	138	22.39	22.44	22.35	23.6
100	QPSK	270	0	22.37	22.42	22.36	
100	16QAM	1	1	22.62	22.55	22.49	23.6
100	64QAM	1	1	20.93	20.87	20.78	22.1
100	256QAM	1	1	18.90	18.86	18.77	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.52	23.59	23.53	24.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.48	23.55	23.48	24.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.51	23.50	23.51	24.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.47	23.54	23.52	24.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.51	23.59	23.46	24.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.52	23.57	23.45	24.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.55	23.50	23.50	24.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.50	23.54	23.50	24.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.54	23.50	23.54	24.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.52	23.58	23.51	24.6

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.78	16.74	16.62	17.2
100	PI/2 BPSK	1	137	16.55	16.49	16.42	
100	PI/2 BPSK	1	271	16.64	16.51	16.48	
100	PI/2 BPSK	135	0	16.75	16.65	16.63	17.2
100	PI/2 BPSK	135	69	16.54	16.44	16.40	17.2
100	PI/2 BPSK	135	138	16.48	16.43	16.43	17.2
100	PI/2 BPSK	270	0	16.62	16.51	16.44	
100	QPSK	1	1	16.80	16.68	16.59	17.2
100	QPSK	1	137	16.48	16.42	16.46	
100	QPSK	1	271	16.51	16.42	16.49	
100	QPSK	135	0	16.78	16.64	16.52	17.2
100	QPSK	135	69	16.49	16.44	16.42	17.2
100	QPSK	135	138	16.51	16.44	16.47	17.2
100	QPSK	270	0	16.63	16.51	16.47	
100	16QAM	1	1	16.85	16.78	16.68	17.2
100	64QAM	1	1	16.68	16.63	16.61	17.2
100	256QAM	1	1	16.68	16.63	16.60	17.2
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.73	16.64	16.56	17.2
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.73	16.68	16.60	17.2
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.68	16.73	16.62	17.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.73	16.66	16.62	17.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.76	16.72	16.52	17.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.71	16.69	16.55	17.2
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.68	16.64	16.53	17.2
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.76	16.71	16.56	17.2
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.77	16.64	16.56	17.2
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.68	16.66	16.57	17.2

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.64	18.66	18.60	19.6
100	PI/2 BPSK	1	137	18.35	18.38	18.36	
100	PI/2 BPSK	1	271	18.59	18.65	18.62	
100	PI/2 BPSK	135	0	18.39	18.46	18.39	19.6
100	PI/2 BPSK	135	69	18.36	18.42	18.38	19.6
100	PI/2 BPSK	135	138	18.44	18.45	18.45	19.6
100	PI/2 BPSK	270	0	18.43	18.45	18.40	
100	QPSK	1	1	18.42	18.46	18.42	19.6
100	QPSK	1	137	18.28	18.31	18.24	
100	QPSK	1	271	18.60	18.64	18.61	
100	QPSK	135	0	18.43	18.48	18.44	19.6
100	QPSK	135	69	18.36	18.43	18.39	19.6
100	QPSK	135	138	18.45	18.48	18.41	19.6
100	QPSK	270	0	18.38	18.45	18.38	
100	16QAM	1	1	18.49	18.56	18.54	19.6
100	64QAM	1	1	18.33	18.40	18.36	19.6
100	256QAM	1	1	18.35	18.40	18.37	19.6
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.59	18.57	18.54	19.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.57	18.59	18.50	19.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.56	18.60	18.51	19.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.57	18.63	18.53	19.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.57	18.63	18.51	19.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.62	18.57	18.58	19.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.62	18.57	18.53	19.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.55	18.62	18.55	19.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.56	18.62	18.52	19.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.58	18.58	18.52	19.6

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.69	20.65	20.58	21.8
100	PI/2 BPSK	1	137	20.47	20.35	20.30	
100	PI/2 BPSK	1	271	20.58	20.45	20.47	
100	PI/2 BPSK	135	0	20.71	20.59	20.61	21.8
100	PI/2 BPSK	135	69	20.45	20.40	20.36	21.8
100	PI/2 BPSK	135	138	20.50	20.38	20.31	21.8
100	PI/2 BPSK	270	0	20.52	20.44	20.47	
100	QPSK	1	1	20.66	20.58	20.56	21.8
100	QPSK	1	137	20.32	20.27	20.27	
100	QPSK	1	271	20.40	20.36	20.38	
100	QPSK	135	0	20.67	20.59	20.61	21.8
100	QPSK	135	69	20.53	20.40	20.33	21.8
100	QPSK	135	138	20.53	20.40	20.41	21.8
100	QPSK	270	0	20.60	20.46	20.43	
100	16QAM	1	1	20.82	20.70	20.67	21.8
100	64QAM	1	1	20.61	20.56	20.49	21.8
100	256QAM	1	1	19.20	19.13	19.11	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.65	20.58	20.57	21.8
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.63	20.58	20.57	21.8
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.68	20.59	20.56	21.8
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.61	20.59	20.48	21.8
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.65	20.58	20.49	21.8
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.60	20.56	20.50	21.8
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.69	20.64	20.53	21.8
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.66	20.55	20.51	21.8
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.66	20.60	20.54	21.8
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.68	20.61	20.54	21.8

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.66	20.62	20.64	21.7
100	PI/2 BPSK	1	137	20.47	20.43	20.47	
100	PI/2 BPSK	1	271	20.60	20.61	20.62	
100	PI/2 BPSK	135	0	20.58	20.53	20.60	21.7
100	PI/2 BPSK	135	69	20.64	20.54	20.65	21.7
100	PI/2 BPSK	135	138	20.57	20.52	20.64	21.7
100	PI/2 BPSK	270	0	20.57	20.48	20.54	
100	QPSK	1	1	20.64	20.54	20.66	21.7
100	QPSK	1	137	20.43	20.35	20.46	
100	QPSK	1	271	20.78	20.65	20.70	
100	QPSK	135	0	20.66	20.54	20.56	21.7
100	QPSK	135	69	20.59	20.46	20.55	21.7
100	QPSK	135	138	20.61	20.51	20.59	21.7
100	QPSK	270	0	20.54	20.49	20.61	
100	16QAM	1	1	20.68	20.64	20.67	21.7
100	64QAM	1	1	20.63	20.59	20.61	21.7
100	256QAM	1	1	19.15	19.08	19.18	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.58	20.56	20.55	21.7
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.61	20.57	20.57	21.7
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.62	20.59	20.54	21.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.60	20.61	20.64	21.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.58	20.60	20.57	21.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.56	20.60	20.54	21.7
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.64	20.55	20.61	21.7
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.64	20.55	20.64	21.7
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.65	20.61	20.61	21.7
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.60	20.53	20.64	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.74	21.67	21.60	23.3
100	PI/2 BPSK	1	137	21.46	21.37	21.30	
100	PI/2 BPSK	1	271	21.61	21.47	21.40	
100	PI/2 BPSK	135	0	21.73	21.61	21.58	23.3
100	PI/2 BPSK	135	69	21.56	21.42	21.39	23.3
100	PI/2 BPSK	135	138	21.52	21.40	21.33	23.3
100	PI/2 BPSK	270	0	21.56	21.47	21.41	
100	QPSK	1	1	21.76	21.61	21.60	23.3
100	QPSK	1	137	21.45	21.30	21.32	
100	QPSK	1	271	21.52	21.39	21.37	
100	QPSK	135	0	21.69	21.62	21.63	23.3
100	QPSK	135	69	21.51	21.43	21.37	23.3
100	QPSK	135	138	21.60	21.43	21.37	23.3
100	QPSK	270	0	21.65	21.49	21.48	
100	16QAM	1	1	21.83	21.73	21.69	23.3
100	64QAM	1	1	21.26	21.17	21.13	22.1
100	256QAM	1	1	19.23	19.14	19.15	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.69	21.59	21.51	23.3
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.65	21.57	21.55	23.3
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.68	21.61	21.59	23.3
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.68	21.67	21.50	23.3
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.72	21.66	21.55	23.3
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.71	21.61	21.51	23.3
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.68	21.63	21.55	23.3
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.66	21.58	21.60	23.3
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.71	21.66	21.59	23.3
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.74	21.59	21.50	23.3

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.66	20.62	20.64	21.0
100	PI/2 BPSK	1	137	20.47	20.43	20.47	
100	PI/2 BPSK	1	271	20.60	20.61	20.62	
100	PI/2 BPSK	135	0	20.58	20.53	20.60	21.0
100	PI/2 BPSK	135	69	20.64	20.54	20.65	21.0
100	PI/2 BPSK	135	138	20.57	20.52	20.64	21.0
100	PI/2 BPSK	270	0	20.57	20.48	20.54	
100	QPSK	1	1	20.64	20.54	20.66	21.0
100	QPSK	1	137	20.43	20.35	20.46	
100	QPSK	1	271	20.78	20.65	20.70	
100	QPSK	135	0	20.66	20.54	20.56	21.0
100	QPSK	135	69	20.59	20.46	20.55	21.0
100	QPSK	135	138	20.61	20.51	20.59	21.0
100	QPSK	270	0	20.54	20.49	20.61	
100	16QAM	1	1	20.68	20.64	20.67	21.0
100	64QAM	1	1	20.63	20.59	20.61	21.0
100	256QAM	1	1	19.15	19.08	19.18	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.58	20.56	20.55	21.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.61	20.57	20.57	21.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.62	20.59	20.54	21.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.60	20.61	20.64	21.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.58	20.60	20.57	21.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.56	20.60	20.54	21.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.64	20.55	20.61	21.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.64	20.55	20.64	21.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.65	20.61	20.61	21.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.60	20.53	20.64	21.0

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.74	21.67	21.60	22.6
100	PI/2 BPSK	1	137	21.46	21.37	21.30	
100	PI/2 BPSK	1	271	21.61	21.47	21.40	
100	PI/2 BPSK	135	0	21.73	21.61	21.58	22.6
100	PI/2 BPSK	135	69	21.56	21.42	21.39	22.6
100	PI/2 BPSK	135	138	21.52	21.40	21.33	22.6
100	PI/2 BPSK	270	0	21.56	21.47	21.41	
100	QPSK	1	1	21.76	21.61	21.60	22.6
100	QPSK	1	137	21.45	21.30	21.32	
100	QPSK	1	271	21.52	21.39	21.37	
100	QPSK	135	0	21.69	21.62	21.63	22.6
100	QPSK	135	69	21.51	21.43	21.37	22.6
100	QPSK	135	138	21.60	21.43	21.37	22.6
100	QPSK	270	0	21.65	21.49	21.48	
100	16QAM	1	1	21.83	21.73	21.69	22.6
100	64QAM	1	1	21.26	21.17	21.13	22.1
100	256QAM	1	1	19.23	19.14	19.15	20.1
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.69	21.59	21.51	22.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.65	21.57	21.55	22.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.68	21.61	21.59	22.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.68	21.67	21.50	22.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.72	21.66	21.55	22.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.71	21.61	21.51	22.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.68	21.63	21.55	22.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.66	21.58	21.60	22.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.71	21.66	21.59	22.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.74	21.59	21.50	22.6

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.70	25.76	25.69	26.5
100	PI/2 BPSK	1	137	25.45	25.50	25.49	
100	PI/2 BPSK	1	271	25.67	25.75	25.66	
100	PI/2 BPSK	135	0	23.89	23.78	23.84	24.8
100	PI/2 BPSK	135	69	25.49	25.53	25.52	26.5
100	PI/2 BPSK	135	138	23.88	23.82	23.85	24.8
100	PI/2 BPSK	270	0	23.85	23.87	23.86	
100	QPSK	1	1	25.71	25.60	25.58	26.5
100	QPSK	1	137	25.43	25.46	25.47	
100	QPSK	1	271	25.64	25.73	25.63	
100	QPSK	135	0	24.55	24.54	24.49	25.5
100	QPSK	135	69	25.53	25.56	25.54	26.5
100	QPSK	135	138	24.54	24.58	24.51	25.5
100	QPSK	270	0	24.51	24.52	24.53	
100	16QAM	1	1	24.66	24.54	24.51	25.5
100	64QAM	1	1	23.01	22.90	22.86	24.0
100	256QAM	1	1	20.99	20.91	20.85	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.68	25.75	25.64	26.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.63	25.73	25.65	26.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.65	25.66	25.63	26.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.64	25.73	25.63	26.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.68	25.74	25.61	26.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.69	25.74	25.61	26.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.67	25.72	25.62	26.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.66	25.69	25.65	26.5
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.63	25.74	25.63	26.5
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.67	25.74	25.64	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.89	25.87	25.70	26.5
100	PI/2 BPSK	1	137	25.66	25.48	25.43	
100	PI/2 BPSK	1	271	25.69	25.63	25.70	
100	PI/2 BPSK	135	0	25.18	25.16	24.96	26.0
100	PI/2 BPSK	135	69	25.67	25.52	25.45	26.5
100	PI/2 BPSK	135	138	25.16	24.96	24.96	26.0
100	PI/2 BPSK	270	0	25.17	25.05	24.94	
100	QPSK	1	1	25.87	25.83	25.70	26.5
100	QPSK	1	137	25.63	25.43	25.39	
100	QPSK	1	271	25.69	25.60	25.68	
100	QPSK	135	0	24.68	24.66	24.46	25.5
100	QPSK	135	69	25.71	25.55	25.47	26.5
100	QPSK	135	138	24.67	24.45	24.47	25.5
100	QPSK	270	0	24.67	24.54	24.44	
100	16QAM	1	1	24.79	24.75	24.62	25.5
100	64QAM	1	1	23.10	23.10	22.94	24.0
100	256QAM	1	1	21.08	21.08	20.93	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.84	25.80	25.60	26.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.82	25.73	25.60	26.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.79	25.71	25.57	26.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.79	25.67	25.58	26.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.75	25.65	25.55	26.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.68	25.59	25.51	26.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.67	25.53	25.54	26.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.69	25.55	25.53	26.5
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.66	25.55	25.52	26.5
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.71	25.56	25.51	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.70	25.76	25.69	26.5
100	PI/2 BPSK	1	137	25.45	25.50	25.49	
100	PI/2 BPSK	1	271	25.67	25.75	25.66	
100	PI/2 BPSK	135	0	23.89	23.78	23.84	24.8
100	PI/2 BPSK	135	69	25.49	25.53	25.52	26.5
100	PI/2 BPSK	135	138	23.88	23.82	23.85	24.8
100	PI/2 BPSK	270	0	23.85	23.87	23.86	
100	QPSK	1	1	25.71	25.60	25.58	26.5
100	QPSK	1	137	25.43	25.46	25.47	
100	QPSK	1	271	25.64	25.73	25.63	
100	QPSK	135	0	24.55	24.54	24.49	25.5
100	QPSK	135	69	25.53	25.56	25.54	26.5
100	QPSK	135	138	24.54	24.58	24.51	25.5
100	QPSK	270	0	24.51	24.52	24.53	
100	16QAM	1	1	24.66	24.54	24.51	25.5
100	64QAM	1	1	23.01	22.90	22.86	24.0
100	256QAM	1	1	20.99	20.91	20.85	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.68	25.75	25.64	26.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.63	25.73	25.65	26.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.65	25.66	25.63	26.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.64	25.73	25.63	26.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.68	25.74	25.61	26.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.69	25.74	25.61	26.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.67	25.72	25.62	26.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.66	25.69	25.65	26.5
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.63	25.74	25.63	26.5
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.67	25.74	25.64	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.80	19.75	19.64	21.4
100	PI/2 BPSK	1	137	19.55	19.41	19.44	
100	PI/2 BPSK	1	271	19.65	19.53	19.44	
100	PI/2 BPSK	135	0	19.75	19.65	19.62	21.4
100	PI/2 BPSK	135	69	19.60	19.46	19.40	21.4
100	PI/2 BPSK	135	138	19.58	19.45	19.47	21.4
100	PI/2 BPSK	270	0	19.64	19.52	19.48	
100	QPSK	1	1	19.81	19.70	19.66	21.4
100	QPSK	1	137	19.47	19.43	19.40	
100	QPSK	1	271	19.50	19.45	19.40	
100	QPSK	135	0	19.76	19.65	19.56	21.4
100	QPSK	135	69	19.55	19.45	19.48	21.4
100	QPSK	135	138	19.56	19.45	19.43	21.4
100	QPSK	270	0	19.58	19.52	19.51	
100	16QAM	1	1	19.75	19.69	19.59	21.4
100	64QAM	1	1	19.68	19.59	19.54	21.4
100	256QAM	1	1	19.78	19.65	19.55	21.4
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.77	19.74	19.64	21.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.80	19.68	19.58	21.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.77	19.65	19.62	21.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.78	19.71	19.61	21.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.77	19.67	19.64	21.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.74	19.67	19.64	21.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.80	19.68	19.60	21.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.75	19.71	19.54	21.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.76	19.66	19.61	21.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.78	19.69	19.57	21.4

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.70	25.76	25.69	26.5
100	PI/2 BPSK	1	137	25.45	25.50	25.49	
100	PI/2 BPSK	1	271	25.67	25.75	25.66	
100	PI/2 BPSK	135	0	23.89	23.78	23.84	24.8
100	PI/2 BPSK	135	69	25.49	25.53	25.52	26.5
100	PI/2 BPSK	135	138	23.88	23.82	23.85	24.8
100	PI/2 BPSK	270	0	23.85	23.87	23.86	
100	QPSK	1	1	25.71	25.60	25.58	26.5
100	QPSK	1	137	25.43	25.46	25.47	
100	QPSK	1	271	25.64	25.73	25.63	
100	QPSK	135	0	24.55	24.54	24.49	25.5
100	QPSK	135	69	25.53	25.56	25.54	26.5
100	QPSK	135	138	24.54	24.58	24.51	25.5
100	QPSK	270	0	24.51	24.52	24.53	
100	16QAM	1	1	24.66	24.54	24.51	25.5
100	64QAM	1	1	23.01	22.90	22.86	24.0
100	256QAM	1	1	20.99	20.91	20.85	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.68	25.75	25.64	26.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.63	25.73	25.65	26.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.65	25.66	25.63	26.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.64	25.73	25.63	26.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.68	25.74	25.61	26.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.69	25.74	25.61	26.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.67	25.72	25.62	26.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.66	25.69	25.65	26.5
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.63	25.74	25.63	26.5
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.67	25.74	25.64	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.80	19.75	19.64	20.2
100	PI/2 BPSK	1	137	19.55	19.41	19.44	
100	PI/2 BPSK	1	271	19.65	19.53	19.44	
100	PI/2 BPSK	135	0	19.75	19.65	19.62	20.2
100	PI/2 BPSK	135	69	19.60	19.46	19.40	20.2
100	PI/2 BPSK	135	138	19.58	19.45	19.47	20.2
100	PI/2 BPSK	270	0	19.64	19.52	19.48	
100	QPSK	1	1	19.81	19.70	19.66	20.2
100	QPSK	1	137	19.47	19.43	19.40	
100	QPSK	1	271	19.50	19.45	19.40	
100	QPSK	135	0	19.76	19.65	19.56	20.2
100	QPSK	135	69	19.55	19.45	19.48	20.2
100	QPSK	135	138	19.56	19.45	19.43	20.2
100	QPSK	270	0	19.58	19.52	19.51	
100	16QAM	1	1	19.75	19.69	19.59	20.2
100	64QAM	1	1	19.68	19.59	19.54	20.2
100	256QAM	1	1	19.78	19.65	19.55	20.2
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.77	19.74	19.64	20.2
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.80	19.68	19.58	20.2
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.77	19.65	19.62	20.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.78	19.71	19.61	20.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.77	19.67	19.64	20.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.74	19.67	19.64	20.2
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.80	19.68	19.60	20.2
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.75	19.71	19.54	20.2
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.76	19.66	19.61	20.2
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.78	19.69	19.57	20.2

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.72	21.73	21.68	22.6
100	PI/2 BPSK	1	137	21.42	21.47	21.41	
100	PI/2 BPSK	1	271	21.70	21.72	21.68	
100	PI/2 BPSK	135	0	21.52	21.56	21.51	22.6
100	PI/2 BPSK	135	69	21.48	21.50	21.43	22.6
100	PI/2 BPSK	135	138	21.55	21.59	21.55	22.6
100	PI/2 BPSK	270	0	21.49	21.54	21.48	
100	QPSK	1	1	21.50	21.55	21.52	22.6
100	QPSK	1	137	21.38	21.40	21.35	
100	QPSK	1	271	21.63	21.70	21.68	
100	QPSK	135	0	21.50	21.56	21.52	22.6
100	QPSK	135	69	21.49	21.51	21.47	22.6
100	QPSK	135	138	21.55	21.60	21.55	22.6
100	QPSK	270	0	21.52	21.54	21.48	
100	16QAM	1	1	21.51	21.54	21.51	22.6
100	64QAM	1	1	21.41	21.45	21.40	22.6
100	256QAM	1	1	20.97	20.99	20.96	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.62	21.65	21.65	22.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.62	21.69	21.64	22.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.64	21.69	21.66	22.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.70	21.67	21.60	22.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.64	21.71	21.63	22.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.67	21.66	21.61	22.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.65	21.70	21.58	22.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.64	21.64	21.65	22.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.69	21.69	21.58	22.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.67	21.66	21.61	22.6

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.77	23.73	23.64	24.8
100	PI/2 BPSK	1	137	23.50	23.42	23.37	
100	PI/2 BPSK	1	271	23.69	23.55	23.48	
100	PI/2 BPSK	135	0	23.74	23.64	23.65	24.8
100	PI/2 BPSK	135	69	23.51	23.45	23.40	24.8
100	PI/2 BPSK	135	138	23.54	23.46	23.41	24.8
100	PI/2 BPSK	270	0	23.66	23.52	23.45	
100	QPSK	1	1	23.72	23.67	23.61	24.8
100	QPSK	1	137	23.46	23.35	23.33	
100	QPSK	1	271	23.56	23.47	23.46	
100	QPSK	135	0	23.74	23.66	23.57	24.8
100	QPSK	135	69	23.57	23.48	23.44	24.8
100	QPSK	135	138	23.58	23.49	23.40	24.8
100	QPSK	270	0	23.67	23.54	23.47	
100	16QAM	1	1	23.77	23.68	23.64	24.8
100	64QAM	1	1	23.15	23.08	23.05	24.0
100	256QAM	1	1	21.10	21.06	21.06	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.71	23.66	23.56	24.8
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.68	23.66	23.57	24.8
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.66	23.50	23.46	24.8
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.73	23.65	23.62	24.8
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.68	23.71	23.63	24.8
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.70	23.66	23.64	24.8
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.68	23.63	23.55	24.8
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.74	23.66	23.59	24.8
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.71	23.71	23.62	24.8
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.74	23.65	23.56	24.8

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.85	23.86	23.83	24.7
100	PI/2 BPSK	1	137	23.56	23.61	23.55	
100	PI/2 BPSK	1	271	23.79	23.83	23.79	
100	PI/2 BPSK	135	0	23.64	23.70	23.67	24.7
100	PI/2 BPSK	135	69	23.62	23.66	23.63	24.7
100	PI/2 BPSK	135	138	23.70	23.75	23.70	24.7
100	PI/2 BPSK	270	0	23.65	23.70	23.64	
100	QPSK	1	1	23.68	23.72	23.66	24.7
100	QPSK	1	137	23.55	23.61	23.57	
100	QPSK	1	271	23.74	23.81	23.75	
100	QPSK	135	0	23.68	23.72	23.68	24.7
100	QPSK	135	69	23.62	23.67	23.64	24.7
100	QPSK	135	138	23.63	23.70	23.63	24.7
100	QPSK	270	0	23.63	23.70	23.68	
100	16QAM	1	1	23.67	23.70	23.65	24.7
100	64QAM	1	1	23.05	23.10	23.06	24.0
100	256QAM	1	1	21.07	21.10	21.05	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.83	23.83	23.79	24.7
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.83	23.83	23.74	24.7
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.76	23.80	23.81	24.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.79	23.77	23.74	24.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.83	23.80	23.77	24.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.76	23.81	23.80	24.7
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.81	23.79	23.74	24.7
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.78	23.76	23.77	24.7
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.80	23.77	23.74	24.7
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.81	23.74	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.80	24.76	24.68	26.3
100	PI/2 BPSK	1	137	24.59	24.47	24.39	
100	PI/2 BPSK	1	271	24.68	24.59	24.57	
100	PI/2 BPSK	135	0	24.76	24.69	24.65	26.0
100	PI/2 BPSK	135	69	24.63	24.51	24.47	26.3
100	PI/2 BPSK	135	138	24.54	24.50	24.48	26.0
100	PI/2 BPSK	270	0	24.63	24.57	24.55	
100	QPSK	1	1	24.85	24.71	24.67	26.3
100	QPSK	1	137	24.46	24.40	24.36	
100	QPSK	1	271	24.57	24.52	24.48	
100	QPSK	135	0	24.79	24.70	24.65	25.5
100	QPSK	135	69	24.57	24.53	24.48	26.3
100	QPSK	135	138	24.67	24.53	24.55	25.5
100	QPSK	270	0	24.68	24.59	24.57	
100	16QAM	1	1	24.84	24.71	24.72	25.5
100	64QAM	1	1	23.14	23.07	23.04	24.0
100	256QAM	1	1	21.14	21.04	21.01	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.73	24.75	24.62	26.3
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.74	24.69	24.68	26.3
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.78	24.75	24.62	26.3
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.75	24.69	24.59	26.3
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.73	24.67	24.64	26.3
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.71	24.70	24.65	26.3
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.76	24.75	24.59	26.3
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.75	24.70	24.65	26.3
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.70	24.68	24.63	26.3
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.77	24.76	24.65	26.3

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.85	23.86	23.83	24.0
100	PI/2 BPSK	1	137	23.56	23.61	23.55	
100	PI/2 BPSK	1	271	23.79	23.83	23.79	
100	PI/2 BPSK	135	0	23.64	23.70	23.67	24.0
100	PI/2 BPSK	135	69	23.62	23.66	23.63	24.0
100	PI/2 BPSK	135	138	23.70	23.75	23.70	24.0
100	PI/2 BPSK	270	0	23.65	23.70	23.64	
100	QPSK	1	1	23.68	23.72	23.66	24.0
100	QPSK	1	137	23.55	23.61	23.57	
100	QPSK	1	271	23.74	23.81	23.75	
100	QPSK	135	0	23.68	23.72	23.68	24.0
100	QPSK	135	69	23.62	23.67	23.64	24.0
100	QPSK	135	138	23.63	23.70	23.63	24.0
100	QPSK	270	0	23.63	23.70	23.68	
100	16QAM	1	1	23.67	23.70	23.65	24.0
100	64QAM	1	1	23.05	23.10	23.06	24.0
100	256QAM	1	1	21.07	21.10	21.05	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.83	23.83	23.79	24.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.83	23.83	23.74	24.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.76	23.80	23.81	24.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.79	23.77	23.74	24.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.83	23.80	23.77	24.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.76	23.81	23.80	24.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.81	23.79	23.74	24.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.78	23.76	23.77	24.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.80	23.77	23.74	24.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.81	23.74	24.0

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.80	24.76	24.68	25.6
100	PI/2 BPSK	1	137	24.59	24.47	24.39	
100	PI/2 BPSK	1	271	24.68	24.59	24.57	
100	PI/2 BPSK	135	0	24.76	24.69	24.65	25.6
100	PI/2 BPSK	135	69	24.63	24.51	24.47	25.6
100	PI/2 BPSK	135	138	24.54	24.50	24.48	25.6
100	PI/2 BPSK	270	0	24.63	24.57	24.55	
100	QPSK	1	1	24.85	24.71	24.67	25.6
100	QPSK	1	137	24.46	24.40	24.36	
100	QPSK	1	271	24.57	24.52	24.48	
100	QPSK	135	0	24.79	24.70	24.65	25.5
100	QPSK	135	69	24.57	24.53	24.48	25.6
100	QPSK	135	138	24.67	24.53	24.55	25.5
100	QPSK	270	0	24.68	24.59	24.57	
100	16QAM	1	1	24.84	24.71	24.72	25.5
100	64QAM	1	1	23.14	23.07	23.04	24.0
100	256QAM	1	1	21.14	21.04	21.01	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.73	24.75	24.62	25.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.74	24.69	24.68	25.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.78	24.75	24.62	25.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.75	24.69	24.59	25.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.73	24.67	24.64	25.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.71	24.70	24.65	25.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.76	24.75	24.59	25.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.75	24.70	24.65	25.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.70	24.68	24.63	25.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.77	24.76	24.65	25.6

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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 21 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	13.03	19.25	12.96	13.50	21.00	13.50
40	PI/2 BPSK	1	104	12.89	19.29	12.88	13.50	21.00	13.50
40	PI/2 BPSK	50	25	12.96	19.33	12.97	13.50	21.00	13.50
40	PI/2 BPSK	1	0	12.98	12.97	12.96	13.50	13.50	13.50
40	PI/2 BPSK	1	105	12.89	19.29	12.86	13.50	21.00	13.50
40	PI/2 BPSK	100	0	12.96	19.01	12.95	13.50	21.00	13.50
40	QPSK	1	1	13.07	19.25	12.95	13.50	21.00	13.50
40	QPSK	1	104	12.88	19.31	12.88	13.50	21.00	13.50
40	QPSK	50	25	12.94	19.32	12.99	13.50	21.00	13.50
40	QPSK	1	0	13.07	19.28	12.90	13.50	21.00	13.50
40	QPSK	1	105	12.87	19.30	12.80	13.50	21.00	13.50
40	QPSK	100	0	12.96	19.00	12.98	13.50	21.00	13.50
40	16QAM	1	1	12.54	19.37	12.27	13.50	21.00	13.50
40	64QAM	1	1	12.47	19.18	12.43	13.50	21.00	13.50
40	256QAM	1	1	12.46	16.90	12.44	13.50	17.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	13.04	19.24	12.93	13.50	21.00	13.50
30	PI/2 BPSK	1	76	12.85	19.29	12.99	13.50	21.00	13.50
30	PI/2 BPSK	36	18	12.98	19.29	19.35	13.50	21.00	21.00
30	PI/2 BPSK	1	0	13.07	19.28	12.93	13.50	21.00	13.50
30	PI/2 BPSK	1	77	12.86	19.30	12.96	13.50	21.00	13.50
30	PI/2 BPSK	75	0	12.96	19.33	13.00	13.50	21.00	13.50
30	QPSK	1	1	13.07	19.25	12.92	13.50	21.00	13.50
30	QPSK	1	76	12.86	19.32	12.96	13.50	21.00	13.50
30	QPSK	36	18	12.97	19.32	19.34	13.50	21.00	21.00
30	QPSK	1	0	13.04	19.28	12.95	13.50	21.00	13.50
30	QPSK	1	77	12.92	19.36	13.02	13.50	21.00	13.50
30	QPSK	75	0	12.95	19.30	13.01	13.50	21.00	13.50
30	16QAM	1	1	12.42	19.14	12.41	13.50	21.00	13.50
30	64QAM	1	1	12.64	19.28	12.31	13.50	21.00	13.50
30	256QAM	1	1	12.37	17.05	12.39	13.50	17.50	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	19.41	19.38	19.30	21.00	21.00	21.00
20	PI/2 BPSK	1	49	19.30	19.35	19.29	21.00	21.00	21.00
20	PI/2 BPSK	25	12	19.37	19.36	19.32	21.00	21.00	21.00
20	PI/2 BPSK	1	0	19.34	19.34	19.28	21.00	21.00	21.00
20	PI/2 BPSK	1	50	19.26	19.33	19.22	21.00	21.00	21.00
20	PI/2 BPSK	50	0	19.37	19.33	19.30	21.00	21.00	21.00
20	QPSK	1	1	19.43	19.32	19.33	21.00	21.00	21.00
20	QPSK	1	49	19.27	19.31	19.31	21.00	21.00	21.00
20	QPSK	25	12	19.38	19.35	19.32	21.00	21.00	21.00
20	QPSK	1	0	19.37	19.32	19.32	21.00	21.00	21.00
20	QPSK	1	50	19.23	19.32	19.28	21.00	21.00	21.00
20	QPSK	50	0	19.34	19.36	19.32	21.00	21.00	21.00
20	16QAM	1	1	18.67	19.23	19.30	21.00	21.00	21.00
20	64QAM	1	1	18.57	19.40	19.25	21.00	21.00	21.00
20	256QAM	1	1	17.04	17.19	16.86	17.50	17.50	17.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	19.36	19.37	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	36	19.33	19.34	19.35	21.00	21.00	21.00
15	PI/2 BPSK	18	9	19.36	19.35	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	0	19.38	19.38	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	37	19.29	19.38	19.36	21.00	21.00	21.00

15	PI/2 BPSK	36	0	19.35	19.36	19.35	21.00	21.00	21.00
15	QPSK	1	1	19.38	19.38	19.36	21.00	21.00	21.00
15	QPSK	1	36	19.30	19.39	19.34	21.00	21.00	21.00
15	QPSK	18	9	19.35	19.38	19.35	21.00	21.00	21.00
15	QPSK	1	0	19.42	19.38	19.33	21.00	21.00	21.00
15	QPSK	1	37	19.32	19.39	19.33	21.00	21.00	21.00
15	QPSK	36	0	19.33	19.34	19.35	21.00	21.00	21.00
15	16QAM	1	1	18.56	19.28	19.38	20.00	21.00	21.00
15	64QAM	1	1	18.56	19.24	19.35	20.00	21.00	21.00
15	256QAM	1	1	17.06	16.98	17.10	17.50	17.50	17.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	19.42	19.42	19.40	21.00	21.00	21.00
10	PI/2 BPSK	1	22	19.41	19.41	19.35	21.00	21.00	21.00
10	PI/2 BPSK	12	6	19.43	19.38	19.37	21.00	21.00	21.00
10	PI/2 BPSK	1	0	19.42	19.39	19.37	21.00	21.00	21.00
10	PI/2 BPSK	1	23	19.42	19.40	19.37	21.00	21.00	21.00
10	PI/2 BPSK	24	0	19.40	19.39	19.40	21.00	21.00	21.00
10	QPSK	1	1	19.45	19.38	19.38	21.00	21.00	21.00
10	QPSK	1	22	19.40	19.40	19.34	21.00	21.00	21.00
10	QPSK	12	6	19.44	19.38	19.39	21.00	21.00	21.00
10	QPSK	1	0	19.50	19.37	19.37	21.00	21.00	21.00
10	QPSK	1	23	19.42	19.37	19.39	21.00	21.00	21.00
10	QPSK	24	0	19.41	19.37	19.35	21.00	21.00	21.00
10	16QAM	1	1	19.37	19.32	19.44	20.00	21.00	21.00
10	64QAM	1	1	19.44	19.33	19.43	20.00	21.00	21.00
10	256QAM	1	1	17.22	17.00	16.95	17.50	17.50	17.50

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							Tune-up Limit 23.6 (dBm)		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.74	18.19	11.71	13.00	19.50	13.00
40	PI/2 BPSK	1	104	11.64	18.24	11.57	13.00	19.50	13.00
40	PI/2 BPSK	50	25	11.84	22.36	11.82	13.00	23.60	13.00
40	PI/2 BPSK	1	0	11.70	18.18	11.71	13.00	19.50	13.00
40	PI/2 BPSK	1	105	11.62	18.24	11.57	13.00	19.50	13.00
40	PI/2 BPSK	100	0	11.81	17.81	11.78	13.00	19.00	13.00
40	QPSK	1	1	11.71	18.22	11.78	13.00	19.50	13.00
40	QPSK	1	104	11.67	18.25	11.60	13.00	19.50	13.00
40	QPSK	50	25	11.84	22.35	11.80	13.00	23.60	13.00
40	QPSK	1	0	11.68	18.22	11.71	13.00	19.50	13.00
40	QPSK	1	105	11.63	18.23	11.62	13.00	19.50	13.00
40	QPSK	100	0	11.82	17.83	11.78	13.00	19.00	13.00
40	16QAM	1	1	11.18	18.35	11.24	12.50	19.50	12.50
40	64QAM	1	1	11.38	18.21	11.15	12.50	19.50	12.50
40	256QAM	1	1	11.23	17.78	11.28	12.50	19.00	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.60	18.15	11.77	13.00	19.50	13.00
30	PI/2 BPSK	1	76	11.58	18.19	11.57	13.00	19.50	13.00
30	PI/2 BPSK	36	18	11.63	22.25	22.21	13.00	23.60	23.60
30	PI/2 BPSK	1	0	11.61	18.14	11.75	13.00	19.50	13.00
30	PI/2 BPSK	1	77	11.56	18.16	11.55	13.00	19.50	13.00
30	PI/2 BPSK	75	0	11.63	18.21	11.68	13.00	19.00	13.00
30	QPSK	1	1	11.67	18.16	11.77	13.00	19.50	13.00
30	QPSK	1	76	11.63	18.20	11.60	13.00	19.50	13.00
30	QPSK	36	18	11.64	22.26	22.20	13.00	23.60	23.60
30	QPSK	1	0	11.61	18.15	11.77	13.00	19.50	13.00
30	QPSK	1	77	11.61	18.17	11.56	13.00	19.50	13.00
30	QPSK	75	0	11.63	18.25	11.70	13.00	19.00	13.00
30	16QAM	1	1	11.30	18.31	11.34	12.50	19.50	12.50
30	64QAM	1	1	11.27	18.13	11.29	12.50	19.50	12.50
30	256QAM	1	1	11.02	17.66	11.28	12.50	19.00	12.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.11	22.31	22.23	19.50	23.60	23.60
20	PI/2 BPSK	1	49	22.24	22.20	18.04	23.60	23.60	19.50
20	PI/2 BPSK	25	12	22.10	22.23	22.14	23.60	23.60	23.60
20	PI/2 BPSK	1	0	18.08	21.73	21.72	19.50	23.00	23.00
20	PI/2 BPSK	1	50	21.76	21.67	18.09	23.00	23.00	19.50
20	PI/2 BPSK	50	0	18.12	21.72	18.14	19.50	23.00	19.50
20	QPSK	1	1	18.16	22.25	22.22	19.50	23.60	23.60
20	QPSK	1	49	22.27	22.21	18.07	23.60	23.60	19.50
20	QPSK	25	12	22.12	22.22	22.15	23.60	23.60	23.60
20	QPSK	1	0	18.11	21.28	21.23	19.50	22.50	22.50
20	QPSK	1	50	21.27	21.21	18.08	22.50	22.50	19.50
20	QPSK	50	0	18.11	21.26	18.13	19.50	22.50	19.50
20	16QAM	1	1	17.24	21.18	21.28	18.50	22.50	22.50
20	64QAM	1	1	17.20	19.77	19.75	18.50	21.00	21.00
20	256QAM	1	1	17.61	17.65	17.66	18.50	18.50	18.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.12	22.28	22.19	19.50	23.60	23.60
15	PI/2 BPSK	1	36	22.21	22.22	18.13	23.60	23.60	19.50
15	PI/2 BPSK	18	9	22.09	22.21	22.14	23.60	23.60	23.60
15	PI/2 BPSK	1	0	18.06	21.76	21.68	19.50	23.00	23.00
15	PI/2 BPSK	1	37	21.69	21.70	18.10	23.00	23.00	19.50

15	PI/2 BPSK	36	0	18.10	21.73	18.12	19.50	23.00	19.50
15	QPSK	1	1	18.10	22.29	22.16	19.50	23.60	23.60
15	QPSK	1	36	22.17	22.24	18.09	23.60	23.60	19.50
15	QPSK	18	9	22.12	22.22	22.12	23.60	23.60	23.60
15	QPSK	1	0	18.12	21.21	21.16	19.50	22.50	22.50
15	QPSK	1	37	21.18	21.18	18.05	22.50	22.50	19.50
15	QPSK	36	0	18.12	21.22	18.12	19.50	22.50	19.50
15	16QAM	1	1	17.08	21.18	21.13	18.50	22.50	22.50
15	64QAM	1	1	17.15	19.72	19.77	18.50	21.00	21.00
15	256QAM	1	1	17.71	17.77	17.63	18.50	18.50	18.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	22.11	22.26	22.15	23.60	23.60	23.60
10	PI/2 BPSK	1	22	22.08	22.25	22.16	23.60	23.60	23.60
10	PI/2 BPSK	12	6	22.11	22.22	22.10	23.60	23.60	23.60
10	PI/2 BPSK	1	0	21.61	21.78	21.65	23.00	23.00	23.00
10	PI/2 BPSK	1	23	21.58	21.71	21.60	23.00	23.00	23.00
10	PI/2 BPSK	24	0	21.59	21.73	21.62	23.00	23.00	23.00
10	QPSK	1	1	22.10	22.29	22.19	23.60	23.60	23.60
10	QPSK	1	22	22.09	22.23	22.14	23.60	23.60	23.60
10	QPSK	12	6	22.11	22.23	22.13	23.60	23.60	23.60
10	QPSK	1	0	21.16	21.21	21.16	22.50	22.50	22.50
10	QPSK	1	23	21.14	21.16	21.15	22.50	22.50	22.50
10	QPSK	24	0	21.10	21.23	21.14	22.50	22.50	22.50
10	16QAM	1	1	21.14	21.15	21.09	22.50	22.50	22.50
10	64QAM	1	1	19.38	19.86	19.58	20.50	20.50	20.50
10	256QAM	1	1	17.62	17.87	17.51	18.50	18.50	18.50

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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 21 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	13.03	19.25	12.96	13.50	21.00	13.50
40	PI/2 BPSK	1	104	12.89	19.29	12.88	13.50	21.00	13.50
40	PI/2 BPSK	50	25	12.96	19.33	12.97	13.50	21.00	13.50
40	PI/2 BPSK	1	0	12.98	12.97	12.96	13.50	13.50	13.50
40	PI/2 BPSK	1	105	12.89	19.29	12.86	13.50	21.00	13.50
40	PI/2 BPSK	100	0	12.96	19.01	12.95	13.50	21.00	13.50
40	QPSK	1	1	13.07	19.25	12.95	13.50	21.00	13.50
40	QPSK	1	104	12.88	19.31	12.88	13.50	21.00	13.50
40	QPSK	50	25	12.94	19.32	12.99	13.50	21.00	13.50
40	QPSK	1	0	13.07	19.28	12.90	13.50	21.00	13.50
40	QPSK	1	105	12.87	19.30	12.80	13.50	21.00	13.50
40	QPSK	100	0	12.96	19.00	12.98	13.50	21.00	13.50
40	16QAM	1	1	12.54	19.37	12.27	13.50	21.00	13.50
40	64QAM	1	1	12.47	19.18	12.43	13.50	21.00	13.50
40	256QAM	1	1	12.46	16.90	12.44	13.50	17.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	13.04	19.24	12.93	13.50	21.00	13.50
30	PI/2 BPSK	1	76	12.85	19.29	12.99	13.50	21.00	13.50
30	PI/2 BPSK	36	18	12.98	19.29	19.35	13.50	21.00	21.00
30	PI/2 BPSK	1	0	13.07	19.28	12.93	13.50	21.00	13.50
30	PI/2 BPSK	1	77	12.86	19.30	12.96	13.50	21.00	13.50
30	PI/2 BPSK	75	0	12.96	19.33	13.00	13.50	21.00	13.50
30	QPSK	1	1	13.07	19.25	12.92	13.50	21.00	13.50
30	QPSK	1	76	12.86	19.32	12.96	13.50	21.00	13.50
30	QPSK	36	18	12.97	19.32	19.34	13.50	21.00	21.00
30	QPSK	1	0	13.04	19.28	12.95	13.50	21.00	13.50
30	QPSK	1	77	12.92	19.36	13.02	13.50	21.00	13.50
30	QPSK	75	0	12.95	19.30	13.01	13.50	21.00	13.50
30	16QAM	1	1	12.42	19.14	12.41	13.50	21.00	13.50
30	64QAM	1	1	12.64	19.28	12.31	13.50	21.00	13.50
30	256QAM	1	1	12.37	17.05	12.39	13.50	17.50	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	19.41	19.38	19.30	21.00	21.00	21.00
20	PI/2 BPSK	1	49	19.30	19.35	19.29	21.00	21.00	21.00
20	PI/2 BPSK	25	12	19.37	19.36	19.32	21.00	21.00	21.00
20	PI/2 BPSK	1	0	19.34	19.34	19.28	21.00	21.00	21.00
20	PI/2 BPSK	1	50	19.26	19.33	19.22	21.00	21.00	21.00
20	PI/2 BPSK	50	0	19.37	19.33	19.30	21.00	21.00	21.00
20	QPSK	1	1	19.43	19.32	19.33	21.00	21.00	21.00
20	QPSK	1	49	19.27	19.31	19.31	21.00	21.00	21.00
20	QPSK	25	12	19.38	19.35	19.32	21.00	21.00	21.00
20	QPSK	1	0	19.37	19.32	19.32	21.00	21.00	21.00
20	QPSK	1	50	19.23	19.32	19.28	21.00	21.00	21.00
20	QPSK	50	0	19.34	19.36	19.32	21.00	21.00	21.00
20	16QAM	1	1	18.67	19.23	19.30	21.00	21.00	21.00
20	64QAM	1	1	18.57	19.40	19.25	21.00	21.00	21.00
20	256QAM	1	1	17.04	17.19	16.86	17.50	17.50	17.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	19.36	19.37	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	36	19.33	19.34	19.35	21.00	21.00	21.00
15	PI/2 BPSK	18	9	19.36	19.35	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	0	19.38	19.38	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	37	19.29	19.38	19.36	21.00	21.00	21.00

15	PI/2 BPSK	36	0	19.35	19.36	19.35	21.00	21.00	21.00
15	QPSK	1	1	19.38	19.38	19.36	21.00	21.00	21.00
15	QPSK	1	36	19.30	19.39	19.34	21.00	21.00	21.00
15	QPSK	18	9	19.35	19.38	19.35	21.00	21.00	21.00
15	QPSK	1	0	19.42	19.38	19.33	21.00	21.00	21.00
15	QPSK	1	37	19.32	19.39	19.33	21.00	21.00	21.00
15	QPSK	36	0	19.33	19.34	19.35	21.00	21.00	21.00
15	16QAM	1	1	18.56	19.28	19.38	20.00	21.00	21.00
15	64QAM	1	1	18.56	19.24	19.35	20.00	21.00	21.00
15	256QAM	1	1	17.06	16.98	17.10	17.50	17.50	17.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	19.42	19.42	19.40	21.00	21.00	21.00
10	PI/2 BPSK	1	22	19.41	19.41	19.35	21.00	21.00	21.00
10	PI/2 BPSK	12	6	19.43	19.38	19.37	21.00	21.00	21.00
10	PI/2 BPSK	1	0	19.42	19.39	19.37	21.00	21.00	21.00
10	PI/2 BPSK	1	23	19.42	19.40	19.37	21.00	21.00	21.00
10	PI/2 BPSK	24	0	19.40	19.39	19.40	21.00	21.00	21.00
10	QPSK	1	1	19.45	19.38	19.38	21.00	21.00	21.00
10	QPSK	1	22	19.40	19.40	19.34	21.00	21.00	21.00
10	QPSK	12	6	19.44	19.38	19.39	21.00	21.00	21.00
10	QPSK	1	0	19.50	19.37	19.37	21.00	21.00	21.00
10	QPSK	1	23	19.42	19.37	19.39	21.00	21.00	21.00
10	QPSK	24	0	19.41	19.37	19.35	21.00	21.00	21.00
10	16QAM	1	1	19.37	19.32	19.44	20.00	21.00	21.00
10	64QAM	1	1	19.44	19.33	19.43	20.00	21.00	21.00
10	256QAM	1	1	17.22	17.00	16.95	17.50	17.50	17.50

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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 16.2 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.74	15.66	11.71	13.00	16.20	13.00
40	PI/2 BPSK	1	104	11.64	15.11	11.57	13.00	16.20	13.00
40	PI/2 BPSK	50	25	11.84	15.61	11.82	13.00	16.20	13.00
40	PI/2 BPSK	1	0	11.70	14.99	11.71	13.00	16.20	13.00
40	PI/2 BPSK	1	105	11.62	14.97	11.57	13.00	16.20	13.00
40	PI/2 BPSK	100	0	11.81	15.61	11.78	13.00	16.20	13.00
40	QPSK	1	1	11.71	15.20	11.78	13.00	16.20	13.00
40	QPSK	1	104	11.67	15.03	11.60	13.00	16.20	13.00
40	QPSK	50	25	11.84	15.13	11.80	13.00	16.20	13.00
40	QPSK	1	0	11.68	15.10	11.71	13.00	16.20	13.00
40	QPSK	1	105	11.63	15.07	11.62	13.00	16.20	13.00
40	QPSK	100	0	11.82	14.93	11.78	13.00	16.20	13.00
40	16QAM	1	1	11.18	15.04	11.24	12.50	16.20	12.50
40	64QAM	1	1	11.38	15.07	11.15	12.50	16.20	12.50
40	256QAM	1	1	11.23	14.92	11.28	12.50	16.20	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.60	15.21	11.77	13.00	16.20	13.00
30	PI/2 BPSK	1	76	11.58	15.06	11.57	13.00	16.20	13.00
30	PI/2 BPSK	36	18	11.63	15.19	15.60	13.00	16.20	16.20
30	PI/2 BPSK	1	0	11.61	15.01	11.75	13.00	16.20	13.00
30	PI/2 BPSK	1	77	11.56	14.96	11.55	13.00	16.20	13.00
30	PI/2 BPSK	75	0	11.63	15.05	11.68	13.00	16.20	13.00
30	QPSK	1	1	11.67	15.27	11.77	13.00	16.20	13.00
30	QPSK	1	76	11.63	15.09	11.60	13.00	16.20	13.00
30	QPSK	36	18	11.64	15.08	15.55	13.00	16.20	16.20
30	QPSK	1	0	11.61	15.06	11.77	13.00	16.20	13.00
30	QPSK	1	77	11.61	15.07	11.56	13.00	16.20	13.00
30	QPSK	75	0	11.63	15.00	11.70	13.00	16.20	13.00
30	16QAM	1	1	11.30	15.00	11.34	12.50	16.20	12.50
30	64QAM	1	1	11.27	14.97	11.29	12.50	16.20	12.50
30	256QAM	1	1	11.02	14.96	11.28	12.50	16.20	12.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	15.59	15.37	15.56	16.20	16.20	16.20
20	PI/2 BPSK	1	49	15.37	15.25	15.24	16.20	16.20	16.20
20	PI/2 BPSK	25	12	15.59	15.34	15.43	16.20	16.20	16.20
20	PI/2 BPSK	1	0	15.25	15.19	15.31	16.20	16.20	16.20
20	PI/2 BPSK	1	50	15.29	15.15	15.30	16.20	16.20	16.20
20	PI/2 BPSK	50	0	15.33	15.24	15.32	16.20	16.20	16.20
20	QPSK	1	1	15.32	15.39	15.41	16.20	16.20	16.20
20	QPSK	1	49	15.20	15.19	15.30	16.20	16.20	16.20
20	QPSK	25	12	15.37	15.25	15.36	16.20	16.20	16.20
20	QPSK	1	0	15.20	15.20	15.25	16.20	16.20	16.20
20	QPSK	1	50	15.22	15.23	15.27	16.20	16.20	16.20
20	QPSK	50	0	15.27	15.13	15.21	16.20	16.20	16.20
20	16QAM	1	1	15.31	15.18	15.31	16.20	16.20	16.20
20	64QAM	1	1	15.27	15.17	15.27	16.20	16.20	16.20
20	256QAM	1	1	15.22	15.10	15.19	16.20	16.20	16.20
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	15.52	15.52	15.56	16.20	16.20	16.20
15	PI/2 BPSK	1	36	15.52	15.43	15.42	16.20	16.20	16.20
15	PI/2 BPSK	18	9	15.48	15.45	15.57	16.20	16.20	16.20
15	PI/2 BPSK	1	0	15.39	15.33	15.42	16.20	16.20	16.20
15	PI/2 BPSK	1	37	15.42	15.35	15.43	16.20	16.20	16.20

15	PI/2 BPSK	36	0	15.49	15.44	15.47	16.20	16.20	16.20
15	QPSK	1	1	15.50	15.50	15.51	16.20	16.20	16.20
15	QPSK	1	36	15.40	15.37	15.41	16.20	16.20	16.20
15	QPSK	18	9	15.50	15.44	15.50	16.20	16.20	16.20
15	QPSK	1	0	15.34	15.33	15.38	16.20	16.20	16.20
15	QPSK	1	37	15.39	15.35	15.37	16.20	16.20	16.20
15	QPSK	36	0	15.38	15.32	15.38	16.20	16.20	16.20
15	16QAM	1	1	15.46	15.34	15.42	16.20	16.20	16.20
15	64QAM	1	1	15.45	15.35	15.44	16.20	16.20	16.20
15	256QAM	1	1	15.40	15.28	15.39	16.20	16.20	16.20
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	15.41	15.36	15.46	16.20	16.20	16.20
10	PI/2 BPSK	1	22	15.37	15.23	15.23	16.20	16.20	16.20
10	PI/2 BPSK	12	6	15.34	15.26	15.37	16.20	16.20	16.20
10	PI/2 BPSK	1	0	15.19	15.22	15.24	16.20	16.20	16.20
10	PI/2 BPSK	1	23	15.27	15.23	15.25	16.20	16.20	16.20
10	PI/2 BPSK	24	0	15.31	15.34	15.30	16.20	16.20	16.20
10	QPSK	1	1	15.35	15.40	15.40	16.20	16.20	16.20
10	QPSK	1	22	15.26	15.23	15.30	16.20	16.20	16.20
10	QPSK	12	6	15.37	15.29	15.33	16.20	16.20	16.20
10	QPSK	1	0	15.22	15.20	15.27	16.20	16.20	16.20
10	QPSK	1	23	15.22	15.24	15.18	16.20	16.20	16.20
10	QPSK	24	0	15.19	15.16	15.23	16.20	16.20	16.20
10	16QAM	1	1	15.30	15.18	15.26	16.20	16.20	16.20
10	64QAM	1	1	15.31	15.24	15.30	16.20	16.20	16.20
10	256QAM	1	1	15.24	15.17	15.22	16.20	16.20	16.20

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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 21 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	13.03	19.25	12.96	13.50	21.00	13.50
40	PI/2 BPSK	1	104	12.89	19.29	12.88	13.50	21.00	13.50
40	PI/2 BPSK	50	25	12.96	19.33	12.97	13.50	21.00	13.50
40	PI/2 BPSK	1	0	12.98	12.97	12.96	13.50	13.50	13.50
40	PI/2 BPSK	1	105	12.89	19.29	12.86	13.50	21.00	13.50
40	PI/2 BPSK	100	0	12.96	19.01	12.95	13.50	21.00	13.50
40	QPSK	1	1	13.07	19.25	12.95	13.50	21.00	13.50
40	QPSK	1	104	12.88	19.31	12.88	13.50	21.00	13.50
40	QPSK	50	25	12.94	19.32	12.99	13.50	21.00	13.50
40	QPSK	1	0	13.07	19.28	12.90	13.50	21.00	13.50
40	QPSK	1	105	12.87	19.30	12.80	13.50	21.00	13.50
40	QPSK	100	0	12.96	19.00	12.98	13.50	21.00	13.50
40	16QAM	1	1	12.54	19.37	12.27	13.50	21.00	13.50
40	64QAM	1	1	12.47	19.18	12.43	13.50	21.00	13.50
40	256QAM	1	1	12.46	16.90	12.44	13.50	17.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	13.04	19.24	12.93	13.50	21.00	13.50
30	PI/2 BPSK	1	76	12.85	19.29	12.99	13.50	21.00	13.50
30	PI/2 BPSK	36	18	12.98	19.29	19.35	13.50	21.00	21.00
30	PI/2 BPSK	1	0	13.07	19.28	12.93	13.50	21.00	13.50
30	PI/2 BPSK	1	77	12.86	19.30	12.96	13.50	21.00	13.50
30	PI/2 BPSK	75	0	12.96	19.33	13.00	13.50	21.00	13.50
30	QPSK	1	1	13.07	19.25	12.92	13.50	21.00	13.50
30	QPSK	1	76	12.86	19.32	12.96	13.50	21.00	13.50
30	QPSK	36	18	12.97	19.32	19.34	13.50	21.00	21.00
30	QPSK	1	0	13.04	19.28	12.95	13.50	21.00	13.50
30	QPSK	1	77	12.92	19.36	13.02	13.50	21.00	13.50
30	QPSK	75	0	12.95	19.30	13.01	13.50	21.00	13.50
30	16QAM	1	1	12.42	19.14	12.41	13.50	21.00	13.50
30	64QAM	1	1	12.64	19.28	12.31	13.50	21.00	13.50
30	256QAM	1	1	12.37	17.05	12.39	13.50	17.50	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	19.41	19.38	19.30	21.00	21.00	21.00
20	PI/2 BPSK	1	49	19.30	19.35	19.29	21.00	21.00	21.00
20	PI/2 BPSK	25	12	19.37	19.36	19.32	21.00	21.00	21.00
20	PI/2 BPSK	1	0	19.34	19.34	19.28	21.00	21.00	21.00
20	PI/2 BPSK	1	50	19.26	19.33	19.22	21.00	21.00	21.00
20	PI/2 BPSK	50	0	19.37	19.33	19.30	21.00	21.00	21.00
20	QPSK	1	1	19.43	19.32	19.33	21.00	21.00	21.00
20	QPSK	1	49	19.27	19.31	19.31	21.00	21.00	21.00
20	QPSK	25	12	19.38	19.35	19.32	21.00	21.00	21.00
20	QPSK	1	0	19.37	19.32	19.32	21.00	21.00	21.00
20	QPSK	1	50	19.23	19.32	19.28	21.00	21.00	21.00
20	QPSK	50	0	19.34	19.36	19.32	21.00	21.00	21.00
20	16QAM	1	1	18.67	19.23	19.30	21.00	21.00	21.00
20	64QAM	1	1	18.57	19.40	19.25	21.00	21.00	21.00
20	256QAM	1	1	17.04	17.19	16.86	17.50	17.50	17.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	19.36	19.37	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	36	19.33	19.34	19.35	21.00	21.00	21.00
15	PI/2 BPSK	18	9	19.36	19.35	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	0	19.38	19.38	19.35	21.00	21.00	21.00
15	PI/2 BPSK	1	37	19.29	19.38	19.36	21.00	21.00	21.00

15	PI/2 BPSK	36	0	19.35	19.36	19.35	21.00	21.00	21.00
15	QPSK	1	1	19.38	19.38	19.36	21.00	21.00	21.00
15	QPSK	1	36	19.30	19.39	19.34	21.00	21.00	21.00
15	QPSK	18	9	19.35	19.38	19.35	21.00	21.00	21.00
15	QPSK	1	0	19.42	19.38	19.33	21.00	21.00	21.00
15	QPSK	1	37	19.32	19.39	19.33	21.00	21.00	21.00
15	QPSK	36	0	19.33	19.34	19.35	21.00	21.00	21.00
15	16QAM	1	1	18.56	19.28	19.38	20.00	21.00	21.00
15	64QAM	1	1	18.56	19.24	19.35	20.00	21.00	21.00
15	256QAM	1	1	17.06	16.98	17.10	17.50	17.50	17.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	19.42	19.42	19.40	21.00	21.00	21.00
10	PI/2 BPSK	1	22	19.41	19.41	19.35	21.00	21.00	21.00
10	PI/2 BPSK	12	6	19.43	19.38	19.37	21.00	21.00	21.00
10	PI/2 BPSK	1	0	19.42	19.39	19.37	21.00	21.00	21.00
10	PI/2 BPSK	1	23	19.42	19.40	19.37	21.00	21.00	21.00
10	PI/2 BPSK	24	0	19.40	19.39	19.40	21.00	21.00	21.00
10	QPSK	1	1	19.45	19.38	19.38	21.00	21.00	21.00
10	QPSK	1	22	19.40	19.40	19.34	21.00	21.00	21.00
10	QPSK	12	6	19.44	19.38	19.39	21.00	21.00	21.00
10	QPSK	1	0	19.50	19.37	19.37	21.00	21.00	21.00
10	QPSK	1	23	19.42	19.37	19.39	21.00	21.00	21.00
10	QPSK	24	0	19.41	19.37	19.35	21.00	21.00	21.00
10	16QAM	1	1	19.37	19.32	19.44	20.00	21.00	21.00
10	64QAM	1	1	19.44	19.33	19.43	20.00	21.00	21.00
10	256QAM	1	1	17.22	17.00	16.95	17.50	17.50	17.50

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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 15 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.74	14.69	11.71	13.00	15.00	13.00
40	PI/2 BPSK	1	104	11.64	14.19	11.57	13.00	15.00	13.00
40	PI/2 BPSK	50	25	11.84	14.64	11.82	13.00	15.00	13.00
40	PI/2 BPSK	1	0	11.70	13.99	11.71	13.00	15.00	13.00
40	PI/2 BPSK	1	105	11.62	13.97	11.57	13.00	15.00	13.00
40	PI/2 BPSK	100	0	11.81	14.61	11.78	13.00	15.00	13.00
40	QPSK	1	1	11.71	14.24	11.78	13.00	15.00	13.00
40	QPSK	1	104	11.67	14.09	11.60	13.00	15.00	13.00
40	QPSK	50	25	11.84	14.14	11.80	13.00	15.00	13.00
40	QPSK	1	0	11.68	14.12	11.71	13.00	15.00	13.00
40	QPSK	1	105	11.63	14.14	11.62	13.00	15.00	13.00
40	QPSK	100	0	11.82	13.93	11.78	13.00	15.00	13.00
40	16QAM	1	1	11.18	14.05	11.24	12.50	15.00	12.50
40	64QAM	1	1	11.38	14.15	11.15	12.50	15.00	12.50
40	256QAM	1	1	11.23	13.92	11.28	12.50	15.00	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.60	14.23	11.77	13.00	15.00	13.00
30	PI/2 BPSK	1	76	11.58	14.14	11.57	13.00	15.00	13.00
30	PI/2 BPSK	36	18	11.63	14.23	14.63	13.00	15.00	15.00
30	PI/2 BPSK	1	0	11.61	14.07	11.75	13.00	15.00	13.00
30	PI/2 BPSK	1	77	11.56	13.96	11.55	13.00	15.00	13.00
30	PI/2 BPSK	75	0	11.63	14.11	11.68	13.00	15.00	13.00
30	QPSK	1	1	11.67	14.31	11.77	13.00	15.00	13.00
30	QPSK	1	76	11.63	14.15	11.60	13.00	15.00	13.00
30	QPSK	36	18	11.64	14.13	14.56	13.00	15.00	15.00
30	QPSK	1	0	11.61	14.08	11.77	13.00	15.00	13.00
30	QPSK	1	77	11.61	14.15	11.56	13.00	15.00	13.00
30	QPSK	75	0	11.63	14.00	11.70	13.00	15.00	13.00
30	16QAM	1	1	11.30	14.00	11.34	12.50	15.00	12.50
30	64QAM	1	1	11.27	13.97	11.29	12.50	15.00	12.50
30	256QAM	1	1	11.02	13.96	11.28	12.50	15.00	12.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	14.66	14.43	14.56	15.00	15.00	15.00
20	PI/2 BPSK	1	49	14.47	14.25	14.27	15.00	15.00	15.00
20	PI/2 BPSK	25	12	14.59	14.41	14.50	15.00	15.00	15.00
20	PI/2 BPSK	1	0	14.32	14.19	14.31	15.00	15.00	15.00
20	PI/2 BPSK	1	50	14.30	14.19	14.40	15.00	15.00	15.00
20	PI/2 BPSK	50	0	14.36	14.25	14.35	15.00	15.00	15.00
20	QPSK	1	1	14.36	14.43	14.43	15.00	15.00	15.00
20	QPSK	1	49	14.24	14.26	14.31	15.00	15.00	15.00
20	QPSK	25	12	14.46	14.33	14.42	15.00	15.00	15.00
20	QPSK	1	0	14.26	14.28	14.27	15.00	15.00	15.00
20	QPSK	1	50	14.28	14.30	14.29	15.00	15.00	15.00
20	QPSK	50	0	14.29	14.22	14.25	15.00	15.00	15.00
20	16QAM	1	1	14.40	14.21	14.33	15.00	15.00	15.00
20	64QAM	1	1	14.30	14.24	14.30	15.00	15.00	15.00
20	256QAM	1	1	14.22	14.16	14.21	15.00	15.00	15.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	14.59	14.55	14.66	15.00	15.00	15.00
15	PI/2 BPSK	1	36	14.62	14.43	14.46	15.00	15.00	15.00
15	PI/2 BPSK	18	9	14.48	14.50	14.57	15.00	15.00	15.00
15	PI/2 BPSK	1	0	14.46	14.41	14.51	15.00	15.00	15.00
15	PI/2 BPSK	1	37	14.42	14.38	14.53	15.00	15.00	15.00

15	PI/2 BPSK	36	0	14.57	14.46	14.53	15.00	15.00	15.00
15	QPSK	1	1	14.60	14.56	14.52	15.00	15.00	15.00
15	QPSK	1	36	14.42	14.39	14.51	15.00	15.00	15.00
15	QPSK	18	9	14.55	14.49	14.54	15.00	15.00	15.00
15	QPSK	1	0	14.43	14.40	14.42	15.00	15.00	15.00
15	QPSK	1	37	14.44	14.37	14.39	15.00	15.00	15.00
15	QPSK	36	0	14.40	14.35	14.40	15.00	15.00	15.00
15	16QAM	1	1	14.54	14.43	14.50	15.00	15.00	15.00
15	64QAM	1	1	14.50	14.42	14.45	15.00	15.00	15.00
15	256QAM	1	1	14.46	14.35	14.42	15.00	15.00	15.00
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	14.51	14.40	14.52	15.00	15.00	15.00
10	PI/2 BPSK	1	22	14.38	14.28	14.32	15.00	15.00	15.00
10	PI/2 BPSK	12	6	14.34	14.31	14.39	15.00	15.00	15.00
10	PI/2 BPSK	1	0	14.24	14.23	14.33	15.00	15.00	15.00
10	PI/2 BPSK	1	23	14.32	14.31	14.35	15.00	15.00	15.00
10	PI/2 BPSK	24	0	14.34	14.41	14.37	15.00	15.00	15.00
10	QPSK	1	1	14.38	14.40	14.46	15.00	15.00	15.00
10	QPSK	1	22	14.32	14.23	14.30	15.00	15.00	15.00
10	QPSK	12	6	14.43	14.32	14.38	15.00	15.00	15.00
10	QPSK	1	0	14.31	14.27	14.37	15.00	15.00	15.00
10	QPSK	1	23	14.23	14.24	14.19	15.00	15.00	15.00
10	QPSK	24	0	14.27	14.19	14.26	15.00	15.00	15.00
10	16QAM	1	1	14.36	14.24	14.26	15.00	15.00	15.00
10	64QAM	1	1	14.32	14.31	14.33	15.00	15.00	15.00
10	256QAM	1	1	14.29	14.24	14.22	15.00	15.00	15.00

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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 19.6 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	13.03	18.35	12.96	13.50	19.60	13.50
40	PI/2 BPSK	1	104	12.89	18.39	12.88	13.50	19.60	13.50
40	PI/2 BPSK	50	25	12.96	18.43	12.97	13.50	19.60	13.50
40	PI/2 BPSK	1	0	12.98	12.97	12.96	13.50	13.50	13.50
40	PI/2 BPSK	1	105	12.89	18.39	12.86	13.50	19.60	13.50
40	PI/2 BPSK	100	0	12.96	18.11	12.95	13.50	19.60	13.50
40	QPSK	1	1	13.07	18.35	12.95	13.50	19.60	13.50
40	QPSK	1	104	12.88	18.41	12.88	13.50	19.60	13.50
40	QPSK	50	25	12.94	18.42	12.99	13.50	19.60	13.50
40	QPSK	1	0	13.07	18.38	12.90	13.50	19.60	13.50
40	QPSK	1	105	12.87	18.40	12.80	13.50	19.60	13.50
40	QPSK	100	0	12.96	18.10	12.98	13.50	19.60	13.50
40	16QAM	1	1	12.54	18.47	12.27	13.50	19.60	13.50
40	64QAM	1	1	12.47	18.28	12.43	13.50	19.60	13.50
40	256QAM	1	1	12.46	16.90	12.44	13.50	17.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	13.04	18.34	12.93	13.50	19.60	13.50
30	PI/2 BPSK	1	76	12.85	18.39	12.99	13.50	19.60	13.50
30	PI/2 BPSK	36	18	12.98	18.39	18.45	13.50	19.60	19.60
30	PI/2 BPSK	1	0	13.07	18.38	12.93	13.50	19.60	13.50
30	PI/2 BPSK	1	77	12.86	18.40	12.96	13.50	19.60	13.50
30	PI/2 BPSK	75	0	12.96	18.43	13.00	13.50	19.60	13.50
30	QPSK	1	1	13.07	18.35	12.92	13.50	19.60	13.50
30	QPSK	1	76	12.86	18.42	12.96	13.50	19.60	13.50
30	QPSK	36	18	12.97	18.42	18.44	13.50	19.60	19.60
30	QPSK	1	0	13.04	18.38	12.95	13.50	19.60	13.50
30	QPSK	1	77	12.92	18.46	13.02	13.50	19.60	13.50
30	QPSK	75	0	12.95	18.40	13.01	13.50	19.60	13.50
30	16QAM	1	1	12.42	18.24	12.41	13.50	19.60	13.50
30	64QAM	1	1	12.64	18.38	12.31	13.50	19.60	13.50
30	256QAM	1	1	12.37	17.05	12.39	13.50	17.50	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.51	18.48	18.40	19.60	19.60	19.60
20	PI/2 BPSK	1	49	18.40	18.45	18.39	19.60	19.60	19.60
20	PI/2 BPSK	25	12	18.47	18.46	18.42	19.60	19.60	19.60
20	PI/2 BPSK	1	0	18.44	18.44	18.38	19.60	19.60	19.60
20	PI/2 BPSK	1	50	18.36	18.43	18.32	19.60	19.60	19.60
20	PI/2 BPSK	50	0	18.47	18.43	18.40	19.60	19.60	19.60
20	QPSK	1	1	18.53	18.42	18.43	19.60	19.60	19.60
20	QPSK	1	49	18.37	18.41	18.41	19.60	19.60	19.60
20	QPSK	25	12	18.48	18.45	18.42	19.60	19.60	19.60
20	QPSK	1	0	18.47	18.42	18.42	19.60	19.60	19.60
20	QPSK	1	50	18.33	18.42	18.38	19.60	19.60	19.60
20	QPSK	50	0	18.44	18.46	18.42	19.60	19.60	19.60
20	16QAM	1	1	17.77	18.33	18.40	19.60	19.60	19.60
20	64QAM	1	1	17.67	18.50	18.35	19.60	19.60	19.60
20	256QAM	1	1	17.04	17.19	16.86	17.50	17.50	17.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.46	18.47	18.45	19.60	19.60	19.60
15	PI/2 BPSK	1	36	18.43	18.44	18.45	19.60	19.60	19.60
15	PI/2 BPSK	18	9	18.46	18.45	18.45	19.60	19.60	19.60
15	PI/2 BPSK	1	0	18.48	18.48	18.45	19.60	19.60	19.60
15	PI/2 BPSK	1	37	18.39	18.48	18.46	19.60	19.60	19.60

15	PI/2 BPSK	36	0	18.45	18.46	18.45	19.60	19.60	19.60
15	QPSK	1	1	18.48	18.48	18.46	19.60	19.60	19.60
15	QPSK	1	36	18.40	18.49	18.44	19.60	19.60	19.60
15	QPSK	18	9	18.45	18.48	18.45	19.60	19.60	19.60
15	QPSK	1	0	18.52	18.48	18.43	19.60	19.60	19.60
15	QPSK	1	37	18.42	18.49	18.43	19.60	19.60	19.60
15	QPSK	36	0	18.43	18.44	18.45	19.60	19.60	19.60
15	16QAM	1	1	17.66	18.38	18.48	19.60	19.60	19.60
15	64QAM	1	1	17.66	18.34	18.45	19.60	19.60	19.60
15	256QAM	1	1	17.06	16.98	17.10	17.50	17.50	17.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	18.52	18.52	18.50	19.60	19.60	19.60
10	PI/2 BPSK	1	22	18.51	18.51	18.45	19.60	19.60	19.60
10	PI/2 BPSK	12	6	18.53	18.48	18.47	19.60	19.60	19.60
10	PI/2 BPSK	1	0	18.52	18.49	18.47	19.60	19.60	19.60
10	PI/2 BPSK	1	23	18.52	18.50	18.47	19.60	19.60	19.60
10	PI/2 BPSK	24	0	18.50	18.49	18.50	19.60	19.60	19.60
10	QPSK	1	1	18.55	18.48	18.48	19.60	19.60	19.60
10	QPSK	1	22	18.50	18.50	18.44	19.60	19.60	19.60
10	QPSK	12	6	18.54	18.48	18.49	19.60	19.60	19.60
10	QPSK	1	0	18.60	18.47	18.47	19.60	19.60	19.60
10	QPSK	1	23	18.52	18.47	18.49	19.60	19.60	19.60
10	QPSK	24	0	18.51	18.47	18.45	19.60	19.60	19.60
10	16QAM	1	1	18.47	18.42	18.54	19.60	19.60	19.60
10	64QAM	1	1	18.54	18.43	18.53	19.60	19.60	19.60
10	256QAM	1	1	17.22	17.00	16.95	17.50	17.50	17.50

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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 22.3 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.74	18.19	11.71	13.00	19.50	13.00
40	PI/2 BPSK	1	104	11.64	18.24	11.57	13.00	19.50	13.00
40	PI/2 BPSK	50	25	11.84	21.82	11.82	13.00	22.30	13.00
40	PI/2 BPSK	1	0	11.70	18.18	11.71	13.00	19.50	13.00
40	PI/2 BPSK	1	105	11.62	18.24	11.57	13.00	19.50	13.00
40	PI/2 BPSK	100	0	11.81	17.81	11.78	13.00	19.00	13.00
40	QPSK	1	1	11.71	18.22	11.78	13.00	19.50	13.00
40	QPSK	1	104	11.67	18.25	11.60	13.00	19.50	13.00
40	QPSK	50	25	11.84	21.77	11.80	13.00	22.30	13.00
40	QPSK	1	0	11.68	18.22	11.71	13.00	19.50	13.00
40	QPSK	1	105	11.63	18.23	11.62	13.00	19.50	13.00
40	QPSK	100	0	11.82	17.83	11.78	13.00	19.00	13.00
40	16QAM	1	1	11.18	18.35	11.24	12.50	19.50	12.50
40	64QAM	1	1	11.38	18.21	11.15	12.50	19.50	12.50
40	256QAM	1	1	11.23	17.78	11.28	12.50	19.00	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.60	18.15	11.77	13.00	19.50	13.00
30	PI/2 BPSK	1	76	11.58	18.19	11.57	13.00	19.50	13.00
30	PI/2 BPSK	36	18	11.63	21.70	21.80	13.00	22.30	22.30
30	PI/2 BPSK	1	0	11.61	18.14	11.75	13.00	19.50	13.00
30	PI/2 BPSK	1	77	11.56	18.16	11.55	13.00	19.50	13.00
30	PI/2 BPSK	75	0	11.63	18.21	11.68	13.00	19.00	13.00
30	QPSK	1	1	11.67	18.16	11.77	13.00	19.50	13.00
30	QPSK	1	76	11.63	18.20	11.60	13.00	19.50	13.00
30	QPSK	36	18	11.64	21.68	21.65	13.00	22.30	22.30
30	QPSK	1	0	11.61	18.15	11.77	13.00	19.50	13.00
30	QPSK	1	77	11.61	18.17	11.56	13.00	19.50	13.00
30	QPSK	75	0	11.63	18.25	11.70	13.00	19.00	13.00
30	16QAM	1	1	11.30	18.31	11.34	12.50	19.50	12.50
30	64QAM	1	1	11.27	18.13	11.29	12.50	19.50	12.50
30	256QAM	1	1	11.02	17.66	11.28	12.50	19.00	12.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.11	21.80	21.78	19.50	22.30	22.30
20	PI/2 BPSK	1	49	21.80	21.66	18.04	22.30	22.30	19.50
20	PI/2 BPSK	25	12	21.77	21.62	21.63	22.30	22.30	22.30
20	PI/2 BPSK	1	0	18.08	21.73	21.72	19.50	23.00	23.00
20	PI/2 BPSK	1	50	21.76	21.67	18.09	23.00	23.00	19.50
20	PI/2 BPSK	50	0	18.12	21.72	18.14	19.50	23.00	19.50
20	QPSK	1	1	18.16	21.60	21.61	19.50	22.30	22.30
20	QPSK	1	49	21.60	21.61	18.07	22.30	22.30	19.50
20	QPSK	25	12	21.63	21.63	21.60	22.30	22.30	22.30
20	QPSK	1	0	18.11	21.28	21.23	19.50	22.30	22.30
20	QPSK	1	50	21.27	21.21	18.08	22.50	22.30	19.50
20	QPSK	50	0	18.11	21.26	18.13	19.50	22.30	19.50
20	16QAM	1	1	17.24	21.18	21.28	18.50	22.30	22.30
20	64QAM	1	1	17.20	19.77	19.75	18.50	21.00	21.00
20	256QAM	1	1	17.61	17.65	17.66	18.50	18.50	18.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.12	21.80	21.81	19.50	22.30	22.30
15	PI/2 BPSK	1	36	21.79	21.77	18.13	22.30	22.30	19.50
15	PI/2 BPSK	18	9	21.77	21.76	21.74	22.30	22.30	22.30
15	PI/2 BPSK	1	0	18.06	21.76	21.68	19.50	23.00	23.00
15	PI/2 BPSK	1	37	21.69	21.70	18.10	23.00	23.00	19.50

15	PI/2 BPSK	36	0	18.10	21.73	18.12	19.50	23.00	19.50
15	QPSK	1	1	18.10	21.65	21.66	19.50	22.30	22.30
15	QPSK	1	36	21.68	21.66	18.09	22.30	22.30	19.50
15	QPSK	18	9	21.64	21.65	21.66	22.30	22.30	22.30
15	QPSK	1	0	18.12	21.21	21.16	19.50	22.50	22.50
15	QPSK	1	37	21.18	21.18	18.05	22.50	22.50	19.50
15	QPSK	36	0	18.12	21.22	18.12	19.50	22.50	19.50
15	16QAM	1	1	17.08	21.18	21.13	18.50	22.50	22.50
15	64QAM	1	1	17.15	19.72	19.77	18.50	21.00	21.00
15	256QAM	1	1	17.71	17.77	17.63	18.50	18.50	18.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	21.55	21.74	21.61	22.30	22.30	22.30
10	PI/2 BPSK	1	22	21.54	21.65	21.55	22.30	22.30	22.30
10	PI/2 BPSK	12	6	21.55	21.68	21.55	22.30	22.30	22.30
10	PI/2 BPSK	1	0	21.61	21.78	21.65	23.00	23.00	23.00
10	PI/2 BPSK	1	23	21.58	21.71	21.60	23.00	23.00	23.00
10	PI/2 BPSK	24	0	21.59	21.73	21.62	23.00	23.00	23.00
10	QPSK	1	1	21.56	21.75	21.59	22.30	22.30	22.30
10	QPSK	1	22	21.52	21.68	21.53	22.30	22.30	22.30
10	QPSK	12	6	21.54	21.68	21.59	22.30	22.30	22.30
10	QPSK	1	0	21.16	21.21	21.16	22.50	22.50	22.50
10	QPSK	1	23	21.14	21.16	21.15	22.50	22.50	22.50
10	QPSK	24	0	21.10	21.23	21.14	22.50	22.50	22.50
10	16QAM	1	1	21.14	21.15	21.09	22.50	22.50	22.50
10	64QAM	1	1	19.38	19.86	19.58	20.50	20.50	20.50
10	256QAM	1	1	17.62	17.87	17.51	18.50	18.50	18.50

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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 20.3 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	13.03	18.55	12.96	13.50	20.30	13.50
40	PI/2 BPSK	1	104	12.89	18.59	12.88	13.50	20.30	13.50
40	PI/2 BPSK	50	25	12.96	18.63	12.97	13.50	20.30	13.50
40	PI/2 BPSK	1	0	12.98	12.97	12.96	13.50	13.50	13.50
40	PI/2 BPSK	1	105	12.89	18.59	12.86	13.50	20.30	13.50
40	PI/2 BPSK	100	0	12.96	18.31	12.95	13.50	20.30	13.50
40	QPSK	1	1	13.07	18.55	12.95	13.50	20.30	13.50
40	QPSK	1	104	12.88	18.61	12.88	13.50	20.30	13.50
40	QPSK	50	25	12.94	18.62	12.99	13.50	20.30	13.50
40	QPSK	1	0	13.07	18.58	12.90	13.50	20.30	13.50
40	QPSK	1	105	12.87	18.60	12.80	13.50	20.30	13.50
40	QPSK	100	0	12.96	18.30	12.98	13.50	20.30	13.50
40	16QAM	1	1	12.54	18.67	12.27	13.50	20.30	13.50
40	64QAM	1	1	12.47	18.48	12.43	13.50	20.30	13.50
40	256QAM	1	1	12.46	16.90	12.44	13.50	17.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	13.04	18.54	12.93	13.50	20.30	13.50
30	PI/2 BPSK	1	76	12.85	18.59	12.99	13.50	20.30	13.50
30	PI/2 BPSK	36	18	12.98	18.59	18.65	13.50	20.30	20.30
30	PI/2 BPSK	1	0	13.07	18.58	12.93	13.50	20.30	13.50
30	PI/2 BPSK	1	77	12.86	18.60	12.96	13.50	20.30	13.50
30	PI/2 BPSK	75	0	12.96	18.63	13.00	13.50	20.30	13.50
30	QPSK	1	1	13.07	18.55	12.92	13.50	20.30	13.50
30	QPSK	1	76	12.86	18.62	12.96	13.50	20.30	13.50
30	QPSK	36	18	12.97	18.62	18.64	13.50	20.30	20.30
30	QPSK	1	0	13.04	18.58	12.95	13.50	20.30	13.50
30	QPSK	1	77	12.92	18.66	13.02	13.50	20.30	13.50
30	QPSK	75	0	12.95	18.60	13.01	13.50	20.30	13.50
30	16QAM	1	1	12.42	18.44	12.41	13.50	20.30	13.50
30	64QAM	1	1	12.64	18.58	12.31	13.50	20.30	13.50
30	256QAM	1	1	12.37	17.05	12.39	13.50	17.50	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.71	18.68	18.60	20.30	20.30	20.30
20	PI/2 BPSK	1	49	18.60	18.65	18.59	20.30	20.30	20.30
20	PI/2 BPSK	25	12	18.67	18.66	18.62	20.30	20.30	20.30
20	PI/2 BPSK	1	0	18.64	18.64	18.58	20.30	20.30	20.30
20	PI/2 BPSK	1	50	18.56	18.63	18.52	20.30	20.30	20.30
20	PI/2 BPSK	50	0	18.67	18.63	18.60	20.30	20.30	20.30
20	QPSK	1	1	18.73	18.62	18.63	20.30	20.30	20.30
20	QPSK	1	49	18.57	18.61	18.61	20.30	20.30	20.30
20	QPSK	25	12	18.68	18.65	18.62	20.30	20.30	20.30
20	QPSK	1	0	18.67	18.62	18.62	20.30	20.30	20.30
20	QPSK	1	50	18.53	18.62	18.58	20.30	20.30	20.30
20	QPSK	50	0	18.64	18.66	18.62	20.30	20.30	20.30
20	16QAM	1	1	17.97	18.53	18.60	20.30	20.30	20.30
20	64QAM	1	1	17.87	18.70	18.55	20.30	20.30	20.30
20	256QAM	1	1	17.04	17.19	16.86	17.50	17.50	17.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.66	18.67	18.65	20.30	20.30	20.30
15	PI/2 BPSK	1	36	18.63	18.64	18.65	20.30	20.30	20.30
15	PI/2 BPSK	18	9	18.66	18.65	18.65	20.30	20.30	20.30
15	PI/2 BPSK	1	0	18.68	18.68	18.65	20.30	20.30	20.30
15	PI/2 BPSK	1	37	18.59	18.68	18.66	20.30	20.30	20.30

15	PI/2 BPSK	36	0	18.65	18.66	18.65	20.30	20.30	20.30
15	QPSK	1	1	18.68	18.68	18.66	20.30	20.30	20.30
15	QPSK	1	36	18.60	18.69	18.64	20.30	20.30	20.30
15	QPSK	18	9	18.65	18.68	18.65	20.30	20.30	20.30
15	QPSK	1	0	18.72	18.68	18.63	20.30	20.30	20.30
15	QPSK	1	37	18.62	18.69	18.63	20.30	20.30	20.30
15	QPSK	36	0	18.63	18.64	18.65	20.30	20.30	20.30
15	16QAM	1	1	18.56	18.58	18.68	20.00	20.30	20.30
15	64QAM	1	1	18.56	18.54	18.65	20.00	20.30	20.30
15	256QAM	1	1	17.06	16.98	17.10	17.50	17.50	17.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	18.72	18.72	18.70	20.30	20.30	20.30
10	PI/2 BPSK	1	22	18.71	18.71	18.65	20.30	20.30	20.30
10	PI/2 BPSK	12	6	18.73	18.68	18.67	20.30	20.30	20.30
10	PI/2 BPSK	1	0	18.72	18.69	18.67	20.30	20.30	20.30
10	PI/2 BPSK	1	23	18.72	18.70	18.67	20.30	20.30	20.30
10	PI/2 BPSK	24	0	18.70	18.69	18.70	20.30	20.30	20.30
10	QPSK	1	1	18.75	18.68	18.68	20.30	20.30	20.30
10	QPSK	1	22	18.70	18.70	18.64	20.30	20.30	20.30
10	QPSK	12	6	18.74	18.68	18.69	20.30	20.30	20.30
10	QPSK	1	0	18.80	18.67	18.67	20.30	20.30	20.30
10	QPSK	1	23	18.72	18.67	18.69	20.30	20.30	20.30
10	QPSK	24	0	18.71	18.67	18.65	20.30	20.30	20.30
10	16QAM	1	1	18.67	18.62	18.74	20.00	20.30	20.30
10	64QAM	1	1	18.74	18.63	18.73	20.00	20.30	20.30
10	256QAM	1	1	17.22	17.00	16.95	17.50	17.50	17.50

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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 23 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.74	18.19	11.71	13.00	19.50	13.00
40	PI/2 BPSK	1	104	11.64	18.24	11.57	13.00	19.50	13.00
40	PI/2 BPSK	50	25	11.84	21.82	11.82	13.00	23.00	13.00
40	PI/2 BPSK	1	0	11.70	18.18	11.71	13.00	19.50	13.00
40	PI/2 BPSK	1	105	11.62	18.24	11.57	13.00	19.50	13.00
40	PI/2 BPSK	100	0	11.81	17.81	11.78	13.00	19.00	13.00
40	QPSK	1	1	11.71	18.22	11.78	13.00	19.50	13.00
40	QPSK	1	104	11.67	18.25	11.60	13.00	19.50	13.00
40	QPSK	50	25	11.84	21.77	11.80	13.00	23.00	13.00
40	QPSK	1	0	11.68	18.22	11.71	13.00	19.50	13.00
40	QPSK	1	105	11.63	18.23	11.62	13.00	19.50	13.00
40	QPSK	100	0	11.82	17.83	11.78	13.00	19.00	13.00
40	16QAM	1	1	11.18	18.35	11.24	12.50	19.50	12.50
40	64QAM	1	1	11.38	18.21	11.15	12.50	19.50	12.50
40	256QAM	1	1	11.23	17.78	11.28	12.50	19.00	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.60	18.15	11.77	13.00	19.50	13.00
30	PI/2 BPSK	1	76	11.58	18.19	11.57	13.00	19.50	13.00
30	PI/2 BPSK	36	18	11.63	21.70	21.80	13.00	23.00	23.00
30	PI/2 BPSK	1	0	11.61	18.14	11.75	13.00	19.50	13.00
30	PI/2 BPSK	1	77	11.56	18.16	11.55	13.00	19.50	13.00
30	PI/2 BPSK	75	0	11.63	18.21	11.68	13.00	19.00	13.00
30	QPSK	1	1	11.67	18.16	11.77	13.00	19.50	13.00
30	QPSK	1	76	11.63	18.20	11.60	13.00	19.50	13.00
30	QPSK	36	18	11.64	21.68	21.65	13.00	23.00	23.00
30	QPSK	1	0	11.61	18.15	11.77	13.00	19.50	13.00
30	QPSK	1	77	11.61	18.17	11.56	13.00	19.50	13.00
30	QPSK	75	0	11.63	18.25	11.70	13.00	19.00	13.00
30	16QAM	1	1	11.30	18.31	11.34	12.50	19.50	12.50
30	64QAM	1	1	11.27	18.13	11.29	12.50	19.50	12.50
30	256QAM	1	1	11.02	17.66	11.28	12.50	19.00	12.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.11	21.80	21.78	19.50	23.00	23.00
20	PI/2 BPSK	1	49	21.80	21.66	18.04	23.00	23.00	19.50
20	PI/2 BPSK	25	12	21.77	21.62	21.63	23.00	23.00	23.00
20	PI/2 BPSK	1	0	18.08	21.73	21.72	19.50	23.00	23.00
20	PI/2 BPSK	1	50	21.76	21.67	18.09	23.00	23.00	19.50
20	PI/2 BPSK	50	0	18.12	21.72	18.14	19.50	23.00	19.50
20	QPSK	1	1	18.16	21.60	21.61	19.50	23.00	23.00
20	QPSK	1	49	21.60	21.61	18.07	23.00	23.00	19.50
20	QPSK	25	12	21.63	21.63	21.60	23.00	23.00	23.00
20	QPSK	1	0	18.11	21.28	21.23	19.50	22.50	22.50
20	QPSK	1	50	21.27	21.21	18.08	22.50	22.50	19.50
20	QPSK	50	0	18.11	21.26	18.13	19.50	22.50	19.50
20	16QAM	1	1	17.24	21.18	21.28	18.50	22.50	22.50
20	64QAM	1	1	17.20	19.77	19.75	18.50	21.00	21.00
20	256QAM	1	1	17.61	17.65	17.66	18.50	18.50	18.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.12	21.80	21.81	19.50	23.00	23.00
15	PI/2 BPSK	1	36	21.79	21.77	18.13	23.00	23.00	19.50
15	PI/2 BPSK	18	9	21.77	21.76	21.74	23.00	23.00	23.00
15	PI/2 BPSK	1	0	18.06	21.76	21.68	19.50	23.00	23.00
15	PI/2 BPSK	1	37	21.69	21.70	18.10	23.00	23.00	19.50

15	PI/2 BPSK	36	0	18.10	21.73	18.12	19.50	23.00	19.50
15	QPSK	1	1	18.10	21.65	21.66	19.50	23.00	23.00
15	QPSK	1	36	21.68	21.66	18.09	23.00	23.00	19.50
15	QPSK	18	9	21.64	21.65	21.66	23.00	23.00	23.00
15	QPSK	1	0	18.12	21.21	21.16	19.50	22.50	22.50
15	QPSK	1	37	21.18	21.18	18.05	22.50	22.50	19.50
15	QPSK	36	0	18.12	21.22	18.12	19.50	22.50	19.50
15	16QAM	1	1	17.08	21.18	21.13	18.50	22.50	22.50
15	64QAM	1	1	17.15	19.72	19.77	18.50	21.00	21.00
15	256QAM	1	1	17.71	17.77	17.63	18.50	18.50	18.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	21.55	21.74	21.61	23.00	23.00	23.00
10	PI/2 BPSK	1	22	21.54	21.65	21.55	23.00	23.00	23.00
10	PI/2 BPSK	12	6	21.55	21.68	21.55	23.00	23.00	23.00
10	PI/2 BPSK	1	0	21.61	21.78	21.65	23.00	23.00	23.00
10	PI/2 BPSK	1	23	21.58	21.71	21.60	23.00	23.00	23.00
10	PI/2 BPSK	24	0	21.59	21.73	21.62	23.00	23.00	23.00
10	QPSK	1	1	21.56	21.75	21.59	23.00	23.00	23.00
10	QPSK	1	22	21.52	21.68	21.53	23.00	23.00	23.00
10	QPSK	12	6	21.54	21.68	21.59	23.00	23.00	23.00
10	QPSK	1	0	21.16	21.21	21.16	22.50	22.50	22.50
10	QPSK	1	23	21.14	21.16	21.15	22.50	22.50	22.50
10	QPSK	24	0	21.10	21.23	21.14	22.50	22.50	22.50
10	16QAM	1	1	21.14	21.15	21.09	22.50	22.50	22.50
10	64QAM	1	1	19.38	19.86	19.58	20.50	20.50	20.50
10	256QAM	1	1	17.62	17.87	17.51	18.50	18.50	18.50

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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 19.6 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	13.03	18.35	12.96	13.50	19.60	13.50
40	PI/2 BPSK	1	104	12.89	18.39	12.88	13.50	19.60	13.50
40	PI/2 BPSK	50	25	12.96	18.43	12.97	13.50	19.60	13.50
40	PI/2 BPSK	1	0	12.98	12.97	12.96	13.50	13.50	13.50
40	PI/2 BPSK	1	105	12.89	18.39	12.86	13.50	19.60	13.50
40	PI/2 BPSK	100	0	12.96	18.11	12.95	13.50	19.60	13.50
40	QPSK	1	1	13.07	18.35	12.95	13.50	19.60	13.50
40	QPSK	1	104	12.88	18.41	12.88	13.50	19.60	13.50
40	QPSK	50	25	12.94	18.42	12.99	13.50	19.60	13.50
40	QPSK	1	0	13.07	18.38	12.90	13.50	19.60	13.50
40	QPSK	1	105	12.87	18.40	12.80	13.50	19.60	13.50
40	QPSK	100	0	12.96	18.10	12.98	13.50	19.60	13.50
40	16QAM	1	1	12.54	18.47	12.27	13.50	19.60	13.50
40	64QAM	1	1	12.47	18.28	12.43	13.50	19.60	13.50
40	256QAM	1	1	12.46	16.90	12.44	13.50	17.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	13.04	18.34	12.93	13.50	19.60	13.50
30	PI/2 BPSK	1	76	12.85	18.39	12.99	13.50	19.60	13.50
30	PI/2 BPSK	36	18	12.98	18.39	18.45	13.50	19.60	19.60
30	PI/2 BPSK	1	0	13.07	18.38	12.93	13.50	19.60	13.50
30	PI/2 BPSK	1	77	12.86	18.40	12.96	13.50	19.60	13.50
30	PI/2 BPSK	75	0	12.96	18.43	13.00	13.50	19.60	13.50
30	QPSK	1	1	13.07	18.35	12.92	13.50	19.60	13.50
30	QPSK	1	76	12.86	18.42	12.96	13.50	19.60	13.50
30	QPSK	36	18	12.97	18.42	18.44	13.50	19.60	19.60
30	QPSK	1	0	13.04	18.38	12.95	13.50	19.60	13.50
30	QPSK	1	77	12.92	18.46	13.02	13.50	19.60	13.50
30	QPSK	75	0	12.95	18.40	13.01	13.50	19.60	13.50
30	16QAM	1	1	12.42	18.24	12.41	13.50	19.60	13.50
30	64QAM	1	1	12.64	18.38	12.31	13.50	19.60	13.50
30	256QAM	1	1	12.37	17.05	12.39	13.50	17.50	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.51	18.48	18.40	19.60	19.60	19.60
20	PI/2 BPSK	1	49	18.40	18.45	18.39	19.60	19.60	19.60
20	PI/2 BPSK	25	12	18.47	18.46	18.42	19.60	19.60	19.60
20	PI/2 BPSK	1	0	18.44	18.44	18.38	19.60	19.60	19.60
20	PI/2 BPSK	1	50	18.36	18.43	18.32	19.60	19.60	19.60
20	PI/2 BPSK	50	0	18.47	18.43	18.40	19.60	19.60	19.60
20	QPSK	1	1	18.53	18.42	18.43	19.60	19.60	19.60
20	QPSK	1	49	18.37	18.41	18.41	19.60	19.60	19.60
20	QPSK	25	12	18.48	18.45	18.42	19.60	19.60	19.60
20	QPSK	1	0	18.47	18.42	18.42	19.60	19.60	19.60
20	QPSK	1	50	18.33	18.42	18.38	19.60	19.60	19.60
20	QPSK	50	0	18.44	18.46	18.42	19.60	19.60	19.60
20	16QAM	1	1	17.77	18.33	18.40	19.60	19.60	19.60
20	64QAM	1	1	17.67	18.50	18.35	19.60	19.60	19.60
20	256QAM	1	1	17.04	17.19	16.86	17.50	17.50	17.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.46	18.47	18.45	19.60	19.60	19.60
15	PI/2 BPSK	1	36	18.43	18.44	18.45	19.60	19.60	19.60
15	PI/2 BPSK	18	9	18.46	18.45	18.45	19.60	19.60	19.60
15	PI/2 BPSK	1	0	18.48	18.48	18.45	19.60	19.60	19.60
15	PI/2 BPSK	1	37	18.39	18.48	18.46	19.60	19.60	19.60

15	PI/2 BPSK	36	0	18.45	18.46	18.45	19.60	19.60	19.60
15	QPSK	1	1	18.48	18.48	18.46	19.60	19.60	19.60
15	QPSK	1	36	18.40	18.49	18.44	19.60	19.60	19.60
15	QPSK	18	9	18.45	18.48	18.45	19.60	19.60	19.60
15	QPSK	1	0	18.52	18.48	18.43	19.60	19.60	19.60
15	QPSK	1	37	18.42	18.49	18.43	19.60	19.60	19.60
15	QPSK	36	0	18.43	18.44	18.45	19.60	19.60	19.60
15	16QAM	1	1	17.66	18.38	18.48	19.60	19.60	19.60
15	64QAM	1	1	17.66	18.34	18.45	19.60	19.60	19.60
15	256QAM	1	1	17.06	16.98	17.10	17.50	17.50	17.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	18.52	18.52	18.50	19.60	19.60	19.60
10	PI/2 BPSK	1	22	18.51	18.51	18.45	19.60	19.60	19.60
10	PI/2 BPSK	12	6	18.53	18.48	18.47	19.60	19.60	19.60
10	PI/2 BPSK	1	0	18.52	18.49	18.47	19.60	19.60	19.60
10	PI/2 BPSK	1	23	18.52	18.50	18.47	19.60	19.60	19.60
10	PI/2 BPSK	24	0	18.50	18.49	18.50	19.60	19.60	19.60
10	QPSK	1	1	18.55	18.48	18.48	19.60	19.60	19.60
10	QPSK	1	22	18.50	18.50	18.44	19.60	19.60	19.60
10	QPSK	12	6	18.54	18.48	18.49	19.60	19.60	19.60
10	QPSK	1	0	18.60	18.47	18.47	19.60	19.60	19.60
10	QPSK	1	23	18.52	18.47	18.49	19.60	19.60	19.60
10	QPSK	24	0	18.51	18.47	18.45	19.60	19.60	19.60
10	16QAM	1	1	18.47	18.42	18.54	19.60	19.60	19.60
10	64QAM	1	1	18.54	18.43	18.53	19.60	19.60	19.60
10	256QAM	1	1	17.22	17.00	16.95	17.50	17.50	17.50

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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 22.3 (dBm) Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k Hz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.74	18.19	11.71	13.00	19.50	13.00
40	PI/2 BPSK	1	104	11.64	18.24	11.57	13.00	19.50	13.00
40	PI/2 BPSK	50	25	11.84	21.82	11.82	13.00	22.30	13.00
40	PI/2 BPSK	1	0	11.70	18.18	11.71	13.00	19.50	13.00
40	PI/2 BPSK	1	105	11.62	18.24	11.57	13.00	19.50	13.00
40	PI/2 BPSK	100	0	11.81	17.81	11.78	13.00	19.00	13.00
40	QPSK	1	1	11.71	18.22	11.78	13.00	19.50	13.00
40	QPSK	1	104	11.67	18.25	11.60	13.00	19.50	13.00
40	QPSK	50	25	11.84	21.77	11.80	13.00	22.30	13.00
40	QPSK	1	0	11.68	18.22	11.71	13.00	19.50	13.00
40	QPSK	1	105	11.63	18.23	11.62	13.00	19.50	13.00
40	QPSK	100	0	11.82	17.83	11.78	13.00	19.00	13.00
40	16QAM	1	1	11.18	18.35	11.24	12.50	19.50	12.50
40	64QAM	1	1	11.38	18.21	11.15	12.50	19.50	12.50
40	256QAM	1	1	11.23	17.78	11.28	12.50	19.00	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k Hz		Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.60	18.15	11.77	13.00	19.50	13.00
30	PI/2 BPSK	1	76	11.58	18.19	11.57	13.00	19.50	13.00
30	PI/2 BPSK	36	18	11.63	21.70	21.80	13.00	22.30	22.30
30	PI/2 BPSK	1	0	11.61	18.14	11.75	13.00	19.50	13.00
30	PI/2 BPSK	1	77	11.56	18.16	11.55	13.00	19.50	13.00
30	PI/2 BPSK	75	0	11.63	18.21	11.68	13.00	19.00	13.00
30	QPSK	1	1	11.67	18.16	11.77	13.00	19.50	13.00
30	QPSK	1	76	11.63	18.20	11.60	13.00	19.50	13.00
30	QPSK	36	18	11.64	21.68	21.65	13.00	22.30	22.30
30	QPSK	1	0	11.61	18.15	11.77	13.00	19.50	13.00
30	QPSK	1	77	11.61	18.17	11.56	13.00	19.50	13.00
30	QPSK	75	0	11.63	18.25	11.70	13.00	19.00	13.00
30	16QAM	1	1	11.30	18.31	11.34	12.50	19.50	12.50
30	64QAM	1	1	11.27	18.13	11.29	12.50	19.50	12.50
30	256QAM	1	1	11.02	17.66	11.28	12.50	19.00	12.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k Hz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.11	21.80	21.78	19.50	22.30	22.30
20	PI/2 BPSK	1	49	21.80	21.66	18.04	22.30	22.30	19.50
20	PI/2 BPSK	25	12	21.77	21.62	21.63	22.30	22.30	22.30
20	PI/2 BPSK	1	0	18.08	21.73	21.72	19.50	23.00	23.00
20	PI/2 BPSK	1	50	21.76	21.67	18.09	23.00	23.00	19.50
20	PI/2 BPSK	50	0	18.12	21.72	18.14	19.50	23.00	19.50
20	QPSK	1	1	18.16	21.60	21.61	19.50	22.30	22.30
20	QPSK	1	49	21.60	21.61	18.07	22.30	22.30	19.50
20	QPSK	25	12	21.63	21.63	21.60	22.30	22.30	22.30
20	QPSK	1	0	18.11	21.28	21.23	19.50	22.30	22.30
20	QPSK	1	50	21.27	21.21	18.08	22.50	22.30	19.50
20	QPSK	50	0	18.11	21.26	18.13	19.50	22.30	19.50
20	16QAM	1	1	17.24	21.18	21.28	18.50	22.30	22.30
20	64QAM	1	1	17.20	19.77	19.75	18.50	21.00	21.00
20	256QAM	1	1	17.61	17.65	17.66	18.50	18.50	18.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k Hz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.12	21.80	21.81	19.50	22.30	22.30
15	PI/2 BPSK	1	36	21.79	21.77	18.13	22.30	22.30	19.50
15	PI/2 BPSK	18	9	21.77	21.76	21.74	22.30	22.30	22.30
15	PI/2 BPSK	1	0	18.06	21.76	21.68	19.50	23.00	23.00
15	PI/2 BPSK	1	37	21.69	21.70	18.10	23.00	23.00	19.50

15	PI/2 BPSK	36	0	18.10	21.73	18.12	19.50	23.00	19.50
15	QPSK	1	1	18.10	21.65	21.66	19.50	22.30	22.30
15	QPSK	1	36	21.68	21.66	18.09	22.30	22.30	19.50
15	QPSK	18	9	21.64	21.65	21.66	22.30	22.30	22.30
15	QPSK	1	0	18.12	21.21	21.16	19.50	22.50	22.50
15	QPSK	1	37	21.18	21.18	18.05	22.50	22.50	19.50
15	QPSK	36	0	18.12	21.22	18.12	19.50	22.50	19.50
15	16QAM	1	1	17.08	21.18	21.13	18.50	22.50	22.50
15	64QAM	1	1	17.15	19.72	19.77	18.50	21.00	21.00
15	256QAM	1	1	17.71	17.77	17.63	18.50	18.50	18.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k Hz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	21.55	21.74	21.61	22.30	22.30	22.30
10	PI/2 BPSK	1	22	21.54	21.65	21.55	22.30	22.30	22.30
10	PI/2 BPSK	12	6	21.55	21.68	21.55	22.30	22.30	22.30
10	PI/2 BPSK	1	0	21.61	21.78	21.65	23.00	23.00	23.00
10	PI/2 BPSK	1	23	21.58	21.71	21.60	23.00	23.00	23.00
10	PI/2 BPSK	24	0	21.59	21.73	21.62	23.00	23.00	23.00
10	QPSK	1	1	21.56	21.75	21.59	22.30	22.30	22.30
10	QPSK	1	22	21.52	21.68	21.53	22.30	22.30	22.30
10	QPSK	12	6	21.54	21.68	21.59	22.30	22.30	22.30
10	QPSK	1	0	21.16	21.21	21.16	22.50	22.50	22.50
10	QPSK	1	23	21.14	21.16	21.15	22.50	22.50	22.50
10	QPSK	24	0	21.10	21.23	21.14	22.50	22.50	22.50
10	16QAM	1	1	21.14	21.15	21.09	22.50	22.50	22.50
10	64QAM	1	1	19.38	19.86	19.58	20.50	20.50	20.50
10	256QAM	1	1	17.62	17.87	17.51	18.50	18.50	18.50

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.47	23.32	23.42	24.7
100	PI/2 BPSK	1	137	23.72	23.73	23.50	
100	PI/2 BPSK	1	271	23.41	23.42	22.96	
100	PI/2 BPSK	135	0	22.96	23.01	23.09	24.2
100	PI/2 BPSK	135	69	23.48	23.68	23.39	24.7
100	PI/2 BPSK	135	138	22.88	23.15	22.63	24.2
100	PI/2 BPSK	270	0	22.89	23.07	22.80	
100	QPSK	1	1	23.37	23.27	23.34	24.7
100	QPSK	1	137	23.41	23.62	23.33	
100	QPSK	1	271	23.33	23.34	22.86	
100	QPSK	135	0	22.45	22.52	22.57	23.7
100	QPSK	135	69	23.48	23.67	23.38	24.7
100	QPSK	135	138	22.37	22.65	22.13	23.7
100	QPSK	270	0	22.39	22.56	22.30	
100	16QAM	1	1	22.48	22.39	22.45	23.7
100	64QAM	1	1	20.83	20.74	20.79	22.2
100	256QAM	1	1	18.81	18.73	18.79	20.2
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.42	23.26	23.37	24.7
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.43	23.29	23.38	24.7
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.46	23.24	23.37	24.7
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.44	23.23	23.36	24.7
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.42	23.24	23.37	24.7
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.44	23.29	23.38	24.7
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.37	23.27	23.37	24.7
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.45	23.27	23.36	24.7
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.46	23.29	23.34	24.7
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.46	23.26	23.36	24.7
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.41	23.28	23.33	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.31	22.33	22.29	23.6
100	PI/2 BPSK	1	137	22.32	22.10	22.28	
100	PI/2 BPSK	1	271	22.30	22.32	22.21	
100	PI/2 BPSK	135	0	21.84	21.70	21.81	23.1
100	PI/2 BPSK	135	69	22.30	22.13	22.30	23.6
100	PI/2 BPSK	135	138	21.71	21.85	21.73	23.1
100	PI/2 BPSK	270	0	21.89	21.66	21.86	
100	QPSK	1	1	22.29	22.22	22.27	23.6
100	QPSK	1	137	22.26	22.02	22.22	
100	QPSK	1	271	22.31	22.30	22.12	
100	QPSK	135	0	21.33	21.19	21.30	22.6
100	QPSK	135	69	22.28	22.13	22.30	23.6
100	QPSK	135	138	21.17	21.34	21.22	22.6
100	QPSK	270	0	21.39	21.16	21.36	
100	16QAM	1	1	21.30	21.31	21.41	22.6
100	64QAM	1	1	19.70	19.66	19.76	21.1
100	256QAM	1	1	17.64	17.65	17.75	19.1
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.25	22.26	22.18	23.6
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.18	22.22	22.20	23.6
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.11	22.17	22.14	23.6
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.16	22.20	22.17	23.6
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.11	22.14	22.10	23.6
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.08	22.10	22.08	23.6
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	22.10	22.07	22.15	23.6
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	22.18	22.07	22.06	23.6
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.09	22.08	22.01	23.6
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.18	22.06	22.04	23.6
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.19	22.05	22.04	23.6

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.47	23.32	23.42	24.7
100	PI/2 BPSK	1	137	23.72	23.73	23.50	
100	PI/2 BPSK	1	271	23.41	23.42	22.96	
100	PI/2 BPSK	135	0	22.96	23.01	23.09	24.2
100	PI/2 BPSK	135	69	23.48	23.68	23.39	24.7
100	PI/2 BPSK	135	138	22.88	23.15	22.63	24.2
100	PI/2 BPSK	270	0	22.89	23.07	22.80	
100	QPSK	1	1	23.37	23.27	23.34	24.7
100	QPSK	1	137	23.41	23.62	23.33	
100	QPSK	1	271	23.33	23.34	22.86	
100	QPSK	135	0	22.45	22.52	22.57	23.7
100	QPSK	135	69	23.48	23.67	23.38	24.7
100	QPSK	135	138	22.37	22.65	22.13	23.7
100	QPSK	270	0	22.39	22.56	22.30	
100	16QAM	1	1	22.48	22.39	22.45	23.7
100	64QAM	1	1	20.83	20.74	20.79	22.2
100	256QAM	1	1	18.81	18.73	18.79	20.2
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.42	23.26	23.37	24.7
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.43	23.29	23.38	24.7
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.46	23.24	23.37	24.7
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.44	23.23	23.36	24.7
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.42	23.24	23.37	24.7
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.44	23.29	23.38	24.7
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.37	23.27	23.37	24.7
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.45	23.27	23.36	24.7
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.46	23.29	23.34	24.7
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.46	23.26	23.36	24.7
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.41	23.28	23.33	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.42	15.29	15.47	16.8
100	PI/2 BPSK	1	137	15.35	15.21	15.40	
100	PI/2 BPSK	1	271	15.59	15.41	15.58	
100	PI/2 BPSK	135	0	15.40	15.25	15.49	16.8
100	PI/2 BPSK	135	69	15.39	15.25	15.44	16.8
100	PI/2 BPSK	135	138	15.54	15.37	15.57	16.8
100	PI/2 BPSK	270	0	15.38	15.25	15.48	
100	QPSK	1	1	15.35	15.22	15.43	16.8
100	QPSK	1	137	15.28	15.13	15.31	
100	QPSK	1	271	15.47	15.32	15.55	
100	QPSK	135	0	15.39	15.23	15.45	16.8
100	QPSK	135	69	15.45	15.25	15.45	16.8
100	QPSK	135	138	15.55	15.37	15.58	16.8
100	QPSK	270	0	15.45	15.28	15.51	
100	16QAM	1	1	15.49	15.32	15.52	16.8
100	64QAM	1	1	15.38	15.18	15.45	16.8
100	256QAM	1	1	15.37	15.18	15.40	16.8
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	15.40	15.20	15.38	16.8
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	15.42	15.22	15.45	16.8
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	15.37	15.24	15.44	16.8
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.34	15.25	15.39	16.8
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	15.35	15.22	15.42	16.8
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	15.39	15.20	15.42	16.8
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	15.36	15.19	15.47	16.8
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	15.33	15.25	15.44	16.8
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.33	15.23	15.42	16.8
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	15.39	15.22	15.45	16.8
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	15.32	15.29	15.47	16.8

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.47	23.32	23.42	23.8
100	PI/2 BPSK	1	137	23.72	23.73	23.50	
100	PI/2 BPSK	1	271	23.41	23.42	22.96	
100	PI/2 BPSK	135	0	22.96	23.01	23.09	23.8
100	PI/2 BPSK	135	69	23.48	23.68	23.39	23.8
100	PI/2 BPSK	135	138	22.88	23.15	22.63	23.8
100	PI/2 BPSK	270	0	22.89	23.07	22.80	
100	QPSK	1	1	23.37	23.27	23.34	23.8
100	QPSK	1	137	23.41	23.62	23.33	
100	QPSK	1	271	23.33	23.34	22.86	
100	QPSK	135	0	22.45	22.52	22.57	23.7
100	QPSK	135	69	23.48	23.67	23.38	23.8
100	QPSK	135	138	22.37	22.65	22.13	23.7
100	QPSK	270	0	22.39	22.56	22.30	
100	16QAM	1	1	22.48	22.39	22.45	23.7
100	64QAM	1	1	20.83	20.74	20.79	22.2
100	256QAM	1	1	18.81	18.73	18.79	20.2
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.42	23.26	23.37	23.8
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.43	23.29	23.38	23.8
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.46	23.24	23.37	23.8
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.44	23.23	23.36	23.8
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.42	23.24	23.37	23.8
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.44	23.29	23.38	23.8
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.37	23.27	23.37	23.8
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.45	23.27	23.36	23.8
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.46	23.29	23.34	23.8
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.46	23.26	23.36	23.8
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.41	23.28	23.33	23.8

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.42	15.29	15.47	15.6
100	PI/2 BPSK	1	137	15.35	15.21	15.40	
100	PI/2 BPSK	1	271	15.59	15.41	15.58	
100	PI/2 BPSK	135	0	15.40	15.25	15.49	15.6
100	PI/2 BPSK	135	69	15.39	15.25	15.44	15.6
100	PI/2 BPSK	135	138	15.54	15.37	15.57	15.6
100	PI/2 BPSK	270	0	15.38	15.25	15.48	
100	QPSK	1	1	15.35	15.22	15.43	15.6
100	QPSK	1	137	15.28	15.13	15.31	
100	QPSK	1	271	15.47	15.32	15.55	
100	QPSK	135	0	15.39	15.23	15.45	15.6
100	QPSK	135	69	15.45	15.25	15.45	15.6
100	QPSK	135	138	15.55	15.37	15.58	15.6
100	QPSK	270	0	15.45	15.28	15.51	
100	16QAM	1	1	15.49	15.32	15.52	15.6
100	64QAM	1	1	15.38	15.18	15.45	15.6
100	256QAM	1	1	15.37	15.18	15.40	15.6
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	15.40	15.20	15.38	15.6
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	15.42	15.22	15.45	15.6
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	15.37	15.24	15.44	15.6
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.34	15.25	15.39	15.6
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	15.35	15.22	15.42	15.6
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	15.39	15.20	15.42	15.6
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	15.36	15.19	15.47	15.6
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	15.33	15.25	15.44	15.6
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.33	15.23	15.42	15.6
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	15.39	15.22	15.45	15.6
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	15.32	15.29	15.47	15.6

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.39	18.40	18.35	18.9
100	PI/2 BPSK	1	137	18.37	18.45	18.37	
100	PI/2 BPSK	1	271	18.32	18.31	18.38	
100	PI/2 BPSK	135	0	18.34	18.36	18.40	18.9
100	PI/2 BPSK	135	69	18.34	18.41	18.37	18.9
100	PI/2 BPSK	135	138	18.31	18.36	18.34	18.9
100	PI/2 BPSK	270	0	18.17	18.32	18.17	
100	QPSK	1	1	18.30	18.31	18.39	18.9
100	QPSK	1	137	18.38	18.31	18.34	
100	QPSK	1	271	18.38	18.40	18.31	
100	QPSK	135	0	18.30	18.37	18.34	18.9
100	QPSK	135	69	18.32	18.33	18.32	18.9
100	QPSK	135	138	18.39	18.32	18.35	18.9
100	QPSK	270	0	18.40	18.37	18.40	
100	16QAM	1	1	18.35	18.40	18.31	18.9
100	64QAM	1	1	18.31	18.37	18.39	18.9
100	256QAM	1	1	18.35	18.40	18.37	18.9
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.36	18.26	18.34	18.9
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.36	18.25	18.24	18.9
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.24	18.27	18.23	18.9
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.25	18.35	18.23	18.9
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.28	18.35	18.30	18.9
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.28	18.32	18.30	18.9
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.32	18.35	18.20	18.9
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	18.30	18.33	18.29	18.9
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.32	18.30	18.20	18.9
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.28	18.26	18.30	18.9
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.26	18.25	18.21	18.9

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.98	21.00	20.96	21.7
100	PI/2 BPSK	1	137	20.90	20.89	20.94	
100	PI/2 BPSK	1	271	20.98	20.89	20.94	
100	PI/2 BPSK	135	0	20.94	20.88	20.97	21.7
100	PI/2 BPSK	135	69	20.89	20.96	20.93	21.7
100	PI/2 BPSK	135	138	20.85	20.91	20.86	21.7
100	PI/2 BPSK	270	0	20.92	20.96	20.89	
100	QPSK	1	1	20.92	20.95	20.86	21.7
100	QPSK	1	137	20.91	20.89	20.90	
100	QPSK	1	271	20.92	20.85	20.93	
100	QPSK	135	0	20.95	20.95	20.91	21.7
100	QPSK	135	69	20.95	20.90	20.90	21.7
100	QPSK	135	138	20.89	20.94	20.87	21.7
100	QPSK	270	0	20.94	20.86	20.90	
100	16QAM	1	1	20.86	20.91	20.85	21.7
100	64QAM	1	1	19.67	19.60	19.74	21.1
100	256QAM	1	1	17.59	17.63	17.67	19.1
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.75	20.88	20.78	21.7
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.78	20.82	20.87	21.7
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.85	20.87	20.88	21.7
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.80	20.83	20.83	21.7
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.85	20.87	20.82	21.7
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.82	20.91	20.78	21.7
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.79	20.83	20.81	21.7
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	20.86	20.85	20.86	21.7
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.76	20.95	20.91	21.7
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.86	20.89	20.88	21.7
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.79	20.83	20.84	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.39	18.40	18.35	19.6
100	PI/2 BPSK	1	137	18.37	18.45	18.37	
100	PI/2 BPSK	1	271	18.32	18.31	18.38	
100	PI/2 BPSK	135	0	18.34	18.36	18.40	19.6
100	PI/2 BPSK	135	69	18.34	18.41	18.37	19.6
100	PI/2 BPSK	135	138	18.31	18.36	18.34	19.6
100	PI/2 BPSK	270	0	18.17	18.32	18.17	
100	QPSK	1	1	18.30	18.31	18.39	19.6
100	QPSK	1	137	18.38	18.31	18.34	
100	QPSK	1	271	18.38	18.40	18.31	
100	QPSK	135	0	18.30	18.37	18.34	19.6
100	QPSK	135	69	18.32	18.33	18.32	19.6
100	QPSK	135	138	18.39	18.32	18.35	19.6
100	QPSK	270	0	18.40	18.37	18.40	
100	16QAM	1	1	18.35	18.40	18.31	19.6
100	64QAM	1	1	18.31	18.37	18.39	19.6
100	256QAM	1	1	18.35	18.40	18.37	19.6
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.36	18.26	18.34	19.6
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.36	18.25	18.24	19.6
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.24	18.27	18.23	19.6
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.25	18.35	18.23	19.6
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.28	18.35	18.30	19.6
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.28	18.32	18.30	19.6
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.32	18.35	18.20	19.6
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	18.30	18.33	18.29	19.6
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.32	18.30	18.20	19.6
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.28	18.26	18.30	19.6
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.26	18.25	18.21	19.6

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.98	21.00	20.96	22.4
100	PI/2 BPSK	1	137	20.90	20.89	20.94	
100	PI/2 BPSK	1	271	20.98	20.89	20.94	
100	PI/2 BPSK	135	0	20.94	20.88	20.97	22.4
100	PI/2 BPSK	135	69	20.89	20.96	20.93	22.4
100	PI/2 BPSK	135	138	20.85	20.91	20.86	22.4
100	PI/2 BPSK	270	0	20.92	20.96	20.89	
100	QPSK	1	1	20.92	20.95	20.86	22.4
100	QPSK	1	137	20.91	20.89	20.90	
100	QPSK	1	271	20.92	20.85	20.93	
100	QPSK	135	0	20.95	20.95	20.91	22.4
100	QPSK	135	69	20.95	20.90	20.90	22.4
100	QPSK	135	138	20.89	20.94	20.87	22.4
100	QPSK	270	0	20.94	20.86	20.90	
100	16QAM	1	1	20.86	20.91	20.85	22.4
100	64QAM	1	1	19.67	19.60	19.74	21.1
100	256QAM	1	1	17.59	17.63	17.67	19.1
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.75	20.88	20.78	22.4
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.78	20.82	20.87	22.4
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.85	20.87	20.88	22.4
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.80	20.83	20.83	22.4
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.85	20.87	20.82	22.4
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.82	20.91	20.78	22.4
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.79	20.83	20.81	22.4
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	20.86	20.85	20.86	22.4
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.76	20.95	20.91	22.4
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.86	20.89	20.88	22.4
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.79	20.83	20.84	22.4

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.39	18.40	18.35	18.9
100	PI/2 BPSK	1	137	18.37	18.45	18.37	
100	PI/2 BPSK	1	271	18.32	18.31	18.38	
100	PI/2 BPSK	135	0	18.34	18.36	18.40	18.9
100	PI/2 BPSK	135	69	18.34	18.41	18.37	18.9
100	PI/2 BPSK	135	138	18.31	18.36	18.34	18.9
100	PI/2 BPSK	270	0	18.17	18.32	18.17	
100	QPSK	1	1	18.30	18.31	18.39	18.9
100	QPSK	1	137	18.38	18.31	18.34	
100	QPSK	1	271	18.38	18.40	18.31	
100	QPSK	135	0	18.30	18.37	18.34	18.9
100	QPSK	135	69	18.32	18.33	18.32	18.9
100	QPSK	135	138	18.39	18.32	18.35	18.9
100	QPSK	270	0	18.40	18.37	18.40	
100	16QAM	1	1	18.35	18.40	18.31	18.9
100	64QAM	1	1	18.31	18.37	18.39	18.9
100	256QAM	1	1	18.35	18.40	18.37	18.9
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.36	18.26	18.34	18.9
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.36	18.25	18.24	18.9
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.24	18.27	18.23	18.9
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.25	18.35	18.23	18.9
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.28	18.35	18.30	18.9
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.28	18.32	18.30	18.9
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.32	18.35	18.20	18.9
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	18.30	18.33	18.29	18.9
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.32	18.30	18.20	18.9
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.28	18.26	18.30	18.9
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.26	18.25	18.21	18.9

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.98	21.00	20.96	21.7
100	PI/2 BPSK	1	137	20.90	20.89	20.94	
100	PI/2 BPSK	1	271	20.98	20.89	20.94	
100	PI/2 BPSK	135	0	20.94	20.88	20.97	21.7
100	PI/2 BPSK	135	69	20.89	20.96	20.93	21.7
100	PI/2 BPSK	135	138	20.85	20.91	20.86	21.7
100	PI/2 BPSK	270	0	20.92	20.96	20.89	
100	QPSK	1	1	20.92	20.95	20.86	21.7
100	QPSK	1	137	20.91	20.89	20.90	
100	QPSK	1	271	20.92	20.85	20.93	
100	QPSK	135	0	20.95	20.95	20.91	21.7
100	QPSK	135	69	20.95	20.90	20.90	21.7
100	QPSK	135	138	20.89	20.94	20.87	21.7
100	QPSK	270	0	20.94	20.86	20.90	
100	16QAM	1	1	20.86	20.91	20.85	21.7
100	64QAM	1	1	19.67	19.60	19.74	21.1
100	256QAM	1	1	17.59	17.63	17.67	19.1
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.75	20.88	20.78	21.7
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.78	20.82	20.87	21.7
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.85	20.87	20.88	21.7
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.80	20.83	20.83	21.7
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.85	20.87	20.82	21.7
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.82	20.91	20.78	21.7
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.79	20.83	20.81	21.7
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	20.86	20.85	20.86	21.7
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.76	20.95	20.91	21.7
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.86	20.89	20.88	21.7
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.79	20.83	20.84	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.54	25.43	25.49	26.5
100	PI/2 BPSK	1	137	25.76	25.79	25.60	
100	PI/2 BPSK	1	271	25.47	25.48	25.05	
100	PI/2 BPSK	135	0	24.00	24.08	24.16	25.0
100	PI/2 BPSK	135	69	25.53	25.71	25.48	26.5
100	PI/2 BPSK	135	138	23.92	24.22	23.76	25.0
100	PI/2 BPSK	270	0	23.94	24.13	23.88	
100	QPSK	1	1	25.44	25.42	25.39	26.5
100	QPSK	1	137	25.46	25.71	25.42	
100	QPSK	1	271	25.41	25.42	25.38	
100	QPSK	135	0	23.51	23.57	23.46	24.5
100	QPSK	135	69	25.73	25.74	25.69	26.5
100	QPSK	135	138	23.54	23.71	23.52	24.5
100	QPSK	270	0	23.62	23.62	23.58	
100	16QAM	1	1	24.25	24.33	24.22	25.5
100	64QAM	1	1	22.64	22.73	22.60	24.0
100	256QAM	1	1	20.67	20.78	20.65	22.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.47	25.40	25.43	26.5
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.49	25.37	25.45	26.5
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.52	25.41	25.41	26.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.52	25.33	25.39	26.5
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.48	25.35	25.43	26.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.47	25.41	25.45	26.5
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.44	25.39	25.43	26.5
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	25.44	25.40	25.43	26.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.45	25.33	25.43	26.5
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.47	25.34	25.45	26.5
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.48	25.34	25.48	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.38	24.43	24.37	25.6
100	PI/2 BPSK	1	137	24.36	24.07	24.33	
100	PI/2 BPSK	1	271	24.38	24.42	24.23	
100	PI/2 BPSK	135	0	23.84	23.66	23.77	25.1
100	PI/2 BPSK	135	69	24.39	24.10	24.32	25.6
100	PI/2 BPSK	135	138	23.78	23.80	23.70	25.1
100	PI/2 BPSK	270	0	23.89	23.63	23.82	
100	QPSK	1	1	24.30	24.28	24.31	25.6
100	QPSK	1	137	24.27	24.00	24.26	
100	QPSK	1	271	24.33	24.30	24.15	
100	QPSK	135	0	23.33	23.16	23.26	24.6
100	QPSK	135	69	24.37	24.10	24.31	25.6
100	QPSK	135	138	23.27	23.30	23.18	24.6
100	QPSK	270	0	23.40	23.13	23.32	
100	16QAM	1	1	23.29	23.30	23.30	24.6
100	64QAM	1	1	21.70	21.73	21.71	23.1
100	256QAM	1	1	19.74	19.75	19.75	21.1
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.25	24.33	24.21	25.6
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.21	24.31	24.25	25.6
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.20	24.23	24.14	25.6
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.14	24.18	24.05	25.6
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.13	24.14	23.98	25.6
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.05	24.13	24.08	25.6
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.02	24.11	24.01	25.6
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.07	24.12	24.04	25.6
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.02	24.12	24.02	25.6
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.03	24.10	24.07	25.6
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.94	24.10	23.99	25.6

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.54	25.43	25.49	26.5
100	PI/2 BPSK	1	137	25.76	25.79	25.60	
100	PI/2 BPSK	1	271	25.47	25.48	25.05	
100	PI/2 BPSK	135	0	24.00	24.08	24.16	25.0
100	PI/2 BPSK	135	69	25.53	25.71	25.48	26.5
100	PI/2 BPSK	135	138	23.92	24.22	23.76	25.0
100	PI/2 BPSK	270	0	23.94	24.13	23.88	
100	QPSK	1	1	25.44	25.42	25.39	26.5
100	QPSK	1	137	25.46	25.71	25.42	
100	QPSK	1	271	25.41	25.42	25.38	
100	QPSK	135	0	23.51	23.57	23.46	24.5
100	QPSK	135	69	25.73	25.74	25.69	26.5
100	QPSK	135	138	23.54	23.71	23.52	24.5
100	QPSK	270	0	23.62	23.62	23.58	
100	16QAM	1	1	24.25	24.33	24.22	25.5
100	64QAM	1	1	22.64	22.73	22.60	24.0
100	256QAM	1	1	20.67	20.78	20.65	22.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.47	25.40	25.43	26.5
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.49	25.37	25.45	26.5
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.52	25.41	25.41	26.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.52	25.33	25.39	26.5
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.48	25.35	25.43	26.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.47	25.41	25.45	26.5
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.44	25.39	25.43	26.5
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	25.44	25.40	25.43	26.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.45	25.33	25.43	26.5
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.47	25.34	25.45	26.5
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.48	25.34	25.48	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.49	18.50	18.54	19.8
100	PI/2 BPSK	1	137	18.43	18.48	18.49	
100	PI/2 BPSK	1	271	18.36	18.43	18.48	
100	PI/2 BPSK	135	0	18.48	18.55	18.53	19.8
100	PI/2 BPSK	135	69	18.47	18.47	18.51	19.8
100	PI/2 BPSK	135	138	18.40	18.40	18.46	19.8
100	PI/2 BPSK	270	0	18.43	18.47	18.57	
100	QPSK	1	1	18.41	18.43	18.50	19.8
100	QPSK	1	137	18.35	18.41	18.48	
100	QPSK	1	271	18.28	18.34	18.34	
100	QPSK	135	0	18.49	18.50	18.49	19.8
100	QPSK	135	69	18.49	18.46	18.50	19.8
100	QPSK	135	138	18.38	18.32	18.43	19.8
100	QPSK	270	0	18.45	18.48	18.55	
100	16QAM	1	1	18.44	18.41	18.52	19.8
100	64QAM	1	1	18.42	18.41	18.38	19.8
100	256QAM	1	1	18.32	18.29	18.35	19.8
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.43	18.40	18.44	19.8
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.46	18.49	18.50	19.8
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.49	18.49	18.51	19.8
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.41	18.41	18.50	19.8
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.40	18.50	18.54	19.8
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.43	18.50	18.54	19.8
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.48	18.43	18.53	19.8
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	18.41	18.42	18.47	19.8
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.45	18.50	18.46	19.8
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.49	18.42	18.47	19.8
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.39	18.46	18.54	19.8

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.54	25.43	25.49	26.5
100	PI/2 BPSK	1	137	25.76	25.79	25.60	
100	PI/2 BPSK	1	271	25.47	25.48	25.05	
100	PI/2 BPSK	135	0	24.00	24.08	24.16	25.0
100	PI/2 BPSK	135	69	25.53	25.71	25.48	26.5
100	PI/2 BPSK	135	138	23.92	24.22	23.76	25.0
100	PI/2 BPSK	270	0	23.94	24.13	23.88	
100	QPSK	1	1	25.44	25.42	25.39	26.5
100	QPSK	1	137	25.46	25.71	25.42	
100	QPSK	1	271	25.41	25.42	25.38	
100	QPSK	135	0	23.51	23.57	23.46	24.5
100	QPSK	135	69	25.73	25.74	25.69	26.5
100	QPSK	135	138	23.54	23.71	23.52	24.5
100	QPSK	270	0	23.62	23.62	23.58	
100	16QAM	1	1	24.25	24.33	24.22	25.5
100	64QAM	1	1	22.64	22.73	22.60	24.0
100	256QAM	1	1	20.67	20.78	20.65	22.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.47	25.40	25.43	26.5
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.49	25.37	25.45	26.5
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.52	25.41	25.41	26.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.52	25.33	25.39	26.5
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.48	25.35	25.43	26.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.47	25.41	25.45	26.5
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.44	25.39	25.43	26.5
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	25.44	25.40	25.43	26.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.45	25.33	25.43	26.5
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.47	25.34	25.45	26.5
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.48	25.34	25.48	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.49	18.50	18.54	18.6
100	PI/2 BPSK	1	137	18.43	18.48	18.49	
100	PI/2 BPSK	1	271	18.36	18.43	18.48	
100	PI/2 BPSK	135	0	18.48	18.55	18.53	18.6
100	PI/2 BPSK	135	69	18.47	18.47	18.51	18.6
100	PI/2 BPSK	135	138	18.40	18.40	18.46	18.6
100	PI/2 BPSK	270	0	18.43	18.47	18.57	
100	QPSK	1	1	18.41	18.43	18.50	18.6
100	QPSK	1	137	18.35	18.41	18.48	
100	QPSK	1	271	18.28	18.34	18.34	
100	QPSK	135	0	18.49	18.50	18.49	18.6
100	QPSK	135	69	18.49	18.46	18.50	18.6
100	QPSK	135	138	18.38	18.32	18.43	18.6
100	QPSK	270	0	18.45	18.48	18.55	
100	16QAM	1	1	18.44	18.41	18.52	18.6
100	64QAM	1	1	18.42	18.41	18.38	18.6
100	256QAM	1	1	18.32	18.29	18.35	18.6
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.43	18.40	18.44	18.6
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.46	18.49	18.50	18.6
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.49	18.49	18.51	18.6
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.41	18.41	18.50	18.6
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.40	18.50	18.54	18.6
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.43	18.50	18.54	18.6
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.48	18.43	18.53	18.6
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	18.41	18.42	18.47	18.6
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.45	18.50	18.46	18.6
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.49	18.42	18.47	18.6
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.39	18.46	18.54	18.6

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.47	21.46	21.42	21.7
100	PI/2 BPSK	1	137	21.42	21.50	21.40	
100	PI/2 BPSK	1	271	21.45	21.43	21.40	
100	PI/2 BPSK	135	0	21.41	21.41	21.45	21.7
100	PI/2 BPSK	135	69	21.48	21.49	21.41	21.7
100	PI/2 BPSK	135	138	21.40	21.47	21.49	21.7
100	PI/2 BPSK	270	0	21.41	21.41	21.41	
100	QPSK	1	1	21.44	21.49	21.45	21.7
100	QPSK	1	137	21.41	21.42	21.42	
100	QPSK	1	271	21.45	21.40	21.42	
100	QPSK	135	0	21.42	21.43	21.40	21.7
100	QPSK	135	69	21.46	21.46	21.42	21.7
100	QPSK	135	138	21.43	21.49	21.49	21.7
100	QPSK	270	0	21.48	21.42	21.45	
100	16QAM	1	1	21.43	21.46	21.40	21.7
100	64QAM	1	1	21.46	21.42	21.46	21.7
100	256QAM	1	1	20.64	20.78	20.64	21.7
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.34	21.35	21.38	21.7
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.32	21.44	21.29	21.7
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.39	21.34	21.37	21.7
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.44	21.32	21.36	21.7
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.41	21.32	21.27	21.7
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.42	21.42	21.36	21.7
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.38	21.31	21.31	21.7
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	21.37	21.41	21.34	21.7
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.35	21.45	21.37	21.7
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.34	21.39	21.38	21.7
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.33	21.38	21.41	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.08	24.13	24.07	24.7
100	PI/2 BPSK	1	137	24.06	23.77	24.03	
100	PI/2 BPSK	1	271	24.08	24.12	23.93	
100	PI/2 BPSK	135	0	23.54	23.36	23.47	24.7
100	PI/2 BPSK	135	69	24.09	23.80	24.02	24.7
100	PI/2 BPSK	135	138	23.48	23.50	23.40	24.7
100	PI/2 BPSK	270	0	23.59	23.33	23.52	
100	QPSK	1	1	24.00	23.98	24.01	24.7
100	QPSK	1	137	23.97	23.70	23.96	
100	QPSK	1	271	24.03	24.00	23.85	
100	QPSK	135	0	23.03	22.86	22.96	24.6
100	QPSK	135	69	24.07	23.80	24.01	24.7
100	QPSK	135	138	22.97	23.00	22.88	24.6
100	QPSK	270	0	23.10	22.83	23.02	
100	16QAM	1	1	22.99	23.00	23.00	24.6
100	64QAM	1	1	21.70	21.73	21.71	23.1
100	256QAM	1	1	19.74	19.75	19.75	21.1
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.95	24.03	23.91	24.7
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.91	24.01	23.95	24.7
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.90	23.93	23.84	24.7
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.84	23.88	23.75	24.7
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.83	23.84	23.68	24.7
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.75	23.83	23.78	24.7
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.72	23.81	23.71	24.7
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.77	23.82	23.74	24.7
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.72	23.82	23.72	24.7
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.73	23.80	23.77	24.7
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.64	23.80	23.69	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.47	21.46	21.42	22.4
100	PI/2 BPSK	1	137	21.42	21.50	21.40	
100	PI/2 BPSK	1	271	21.45	21.43	21.40	
100	PI/2 BPSK	135	0	21.41	21.41	21.45	22.4
100	PI/2 BPSK	135	69	21.48	21.49	21.41	22.4
100	PI/2 BPSK	135	138	21.40	21.47	21.49	22.4
100	PI/2 BPSK	270	0	21.41	21.41	21.41	
100	QPSK	1	1	21.44	21.49	21.45	22.4
100	QPSK	1	137	21.41	21.42	21.42	
100	QPSK	1	271	21.45	21.40	21.42	
100	QPSK	135	0	21.42	21.43	21.40	22.4
100	QPSK	135	69	21.46	21.46	21.42	22.4
100	QPSK	135	138	21.43	21.49	21.49	22.4
100	QPSK	270	0	21.48	21.42	21.45	
100	16QAM	1	1	21.43	21.46	21.40	22.4
100	64QAM	1	1	21.46	21.42	21.46	22.4
100	256QAM	1	1	20.64	20.78	20.64	22.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.34	21.35	21.38	22.4
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.32	21.44	21.29	22.4
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.39	21.34	21.37	22.4
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.44	21.32	21.36	22.4
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.41	21.32	21.27	22.4
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.42	21.42	21.36	22.4
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.38	21.31	21.31	22.4
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	21.37	21.41	21.34	22.4
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.35	21.45	21.37	22.4
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.34	21.39	21.38	22.4
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.33	21.38	21.41	22.4

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.08	24.13	24.07	25.4
100	PI/2 BPSK	1	137	24.06	23.77	24.03	
100	PI/2 BPSK	1	271	24.08	24.12	23.93	
100	PI/2 BPSK	135	0	23.54	23.36	23.47	25.1
100	PI/2 BPSK	135	69	24.09	23.80	24.02	25.4
100	PI/2 BPSK	135	138	23.48	23.50	23.40	25.1
100	PI/2 BPSK	270	0	23.59	23.33	23.52	
100	QPSK	1	1	24.00	23.98	24.01	25.4
100	QPSK	1	137	23.97	23.70	23.96	
100	QPSK	1	271	24.03	24.00	23.85	
100	QPSK	135	0	23.03	22.86	22.96	24.6
100	QPSK	135	69	24.07	23.80	24.01	25.4
100	QPSK	135	138	22.97	23.00	22.88	24.6
100	QPSK	270	0	23.10	22.83	23.02	
100	16QAM	1	1	22.99	23.00	23.00	24.6
100	64QAM	1	1	21.70	21.73	21.71	23.1
100	256QAM	1	1	19.74	19.75	19.75	21.1
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.95	24.03	23.91	25.4
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.91	24.01	23.95	25.4
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.90	23.93	23.84	25.4
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.84	23.88	23.75	25.4
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.83	23.84	23.68	25.4
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.75	23.83	23.78	25.4
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.72	23.81	23.71	25.4
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.77	23.82	23.74	25.4
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.72	23.82	23.72	25.4
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.73	23.80	23.77	25.4
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.64	23.80	23.69	25.4

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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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.47	21.46	21.42	21.7
100	PI/2 BPSK	1	137	21.42	21.50	21.40	
100	PI/2 BPSK	1	271	21.45	21.43	21.40	
100	PI/2 BPSK	135	0	21.41	21.41	21.45	21.7
100	PI/2 BPSK	135	69	21.48	21.49	21.41	21.7
100	PI/2 BPSK	135	138	21.40	21.47	21.49	21.7
100	PI/2 BPSK	270	0	21.41	21.41	21.41	
100	QPSK	1	1	21.44	21.49	21.45	21.7
100	QPSK	1	137	21.41	21.42	21.42	
100	QPSK	1	271	21.45	21.40	21.42	
100	QPSK	135	0	21.42	21.43	21.40	21.7
100	QPSK	135	69	21.46	21.46	21.42	21.7
100	QPSK	135	138	21.43	21.49	21.49	21.7
100	QPSK	270	0	21.48	21.42	21.45	
100	16QAM	1	1	21.43	21.46	21.40	21.7
100	64QAM	1	1	21.46	21.42	21.46	21.7
100	256QAM	1	1	20.64	20.78	20.64	21.7
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.34	21.35	21.38	21.7
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.32	21.44	21.29	21.7
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.39	21.34	21.37	21.7
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.44	21.32	21.36	21.7
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.41	21.32	21.27	21.7
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.42	21.42	21.36	21.7
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.38	21.31	21.31	21.7
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	21.37	21.41	21.34	21.7
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.35	21.45	21.37	21.7
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.34	21.39	21.38	21.7
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.33	21.38	21.41	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.08	24.13	24.07	24.7
100	PI/2 BPSK	1	137	24.06	23.77	24.03	
100	PI/2 BPSK	1	271	24.08	24.12	23.93	
100	PI/2 BPSK	135	0	23.54	23.36	23.47	24.7
100	PI/2 BPSK	135	69	24.09	23.80	24.02	24.7
100	PI/2 BPSK	135	138	23.48	23.50	23.40	24.7
100	PI/2 BPSK	270	0	23.59	23.33	23.52	
100	QPSK	1	1	24.00	23.98	24.01	24.7
100	QPSK	1	137	23.97	23.70	23.96	
100	QPSK	1	271	24.03	24.00	23.85	
100	QPSK	135	0	23.03	22.86	22.96	24.6
100	QPSK	135	69	24.07	23.80	24.01	24.7
100	QPSK	135	138	22.97	23.00	22.88	24.6
100	QPSK	270	0	23.10	22.83	23.02	
100	16QAM	1	1	22.99	23.00	23.00	24.6
100	64QAM	1	1	21.70	21.73	21.71	23.1
100	256QAM	1	1	19.74	19.75	19.75	21.1
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.95	24.03	23.91	24.7
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.91	24.01	23.95	24.7
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.90	23.93	23.84	24.7
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.84	23.88	23.75	24.7
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.83	23.84	23.68	24.7
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.75	23.83	23.78	24.7
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.72	23.81	23.71	24.7
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.77	23.82	23.74	24.7
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.72	23.82	23.72	24.7
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.73	23.80	23.77	24.7
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.64	23.80	23.69	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.63		24.7
100	PI/2 BPSK	1	137		23.80		
100	PI/2 BPSK	1	271		23.59		
100	PI/2 BPSK	135	0		23.28		24.2
100	PI/2 BPSK	135	69		23.79		24.7
100	PI/2 BPSK	135	138		23.27		24.2
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		23.76		24.7
100	QPSK	1	137		23.50		
100	QPSK	1	271		23.49		
100	QPSK	135	0		22.77		23.7
100	QPSK	135	69		23.78		24.7
100	QPSK	135	138		22.76		23.7
100	QPSK	270	0		22.71		
100	16QAM	1	1		22.67		23.7
100	64QAM	1	1		21.01		22.2
100	256QAM	1	1		19.00		20.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.60	23.60	23.58	24.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.54	23.58	23.57	24.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.57	23.58	23.54	24.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.58	23.57	23.56	24.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.55	23.53	23.55	24.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.55	23.53	23.53	24.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.50	23.50	23.50	24.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.59	23.54	23.49	24.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.52	23.58	23.49	24.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.53	23.51	23.54	24.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.51	23.53	23.57	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.45		23.6
100	PI/2 BPSK	1	137		22.28		
100	PI/2 BPSK	1	271		22.23		
100	PI/2 BPSK	135	0		21.89		23.1
100	PI/2 BPSK	135	69		22.31		23.6
100	PI/2 BPSK	135	138		21.73		23.1
100	PI/2 BPSK	270	0		21.84		
100	QPSK	1	1		22.35		23.6
100	QPSK	1	137		22.19		
100	QPSK	1	271		22.13		
100	QPSK	135	0		21.38		22.6
100	QPSK	135	69		22.31		23.6
100	QPSK	135	138		21.23		22.6
100	QPSK	270	0		21.34		
100	16QAM	1	1		21.47		22.6
100	64QAM	1	1		19.84		21.1
100	256QAM	1	1		17.82		19.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.38	22.40	22.33	23.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.35	22.38	22.34	23.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.31	22.41	22.34	23.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.38	22.42	22.30	23.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.36	22.42	22.32	23.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.34	22.38	22.28	23.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.35	22.40	22.39	23.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.37	22.42	22.40	23.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.33	22.42	22.38	23.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.33	22.39	22.35	23.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.35	22.36	22.30	23.6

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.63		24.7
100	PI/2 BPSK	1	137		23.80		
100	PI/2 BPSK	1	271		23.59		
100	PI/2 BPSK	135	0		23.28		24.2
100	PI/2 BPSK	135	69		23.79		24.7
100	PI/2 BPSK	135	138		23.27		24.2
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		23.76		24.7
100	QPSK	1	137		23.50		
100	QPSK	1	271		23.49		
100	QPSK	135	0		22.77		23.7
100	QPSK	135	69		23.78		24.7
100	QPSK	135	138		22.76		23.7
100	QPSK	270	0		22.71		
100	16QAM	1	1		22.67		23.7
100	64QAM	1	1		21.01		22.2
100	256QAM	1	1		19.00		20.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.60	23.60	23.58	24.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.54	23.58	23.57	24.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.57	23.58	23.54	24.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.58	23.57	23.56	24.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.55	23.53	23.55	24.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.55	23.53	23.53	24.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.50	23.50	23.50	24.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.59	23.54	23.49	24.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.52	23.58	23.49	24.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.53	23.51	23.54	24.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.51	23.53	23.57	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.50		16.8
100	PI/2 BPSK	1	137		15.31		
100	PI/2 BPSK	1	271		15.28		
100	PI/2 BPSK	135	0		15.46		16.8
100	PI/2 BPSK	135	69		15.33		16.8
100	PI/2 BPSK	135	138		15.28		16.8
100	PI/2 BPSK	270	0		15.38		
100	QPSK	1	1		15.44		16.8
100	QPSK	1	137		15.26		
100	QPSK	1	271		15.53		
100	QPSK	135	0		15.40		16.8
100	QPSK	135	69		15.40		16.8
100	QPSK	135	138		15.59		16.8
100	QPSK	270	0		15.41		
100	16QAM	1	1		15.54		16.8
100	64QAM	1	1		15.36		16.8
100	256QAM	1	1		15.35		16.8
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.40	15.41	15.44	16.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.46	15.50	15.45	16.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.40	15.44	15.40	16.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.47	15.50	15.49	16.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.46	15.42	15.47	16.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.40	15.45	15.40	16.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.41	15.45	15.45	16.8
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.45	15.43	15.40	16.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.43	15.48	15.44	16.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.46	15.40	15.45	16.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.42	15.48	15.42	16.8

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.63		23.8
100	PI/2 BPSK	1	137		23.80		
100	PI/2 BPSK	1	271		23.59		
100	PI/2 BPSK	135	0		23.28		23.8
100	PI/2 BPSK	135	69		23.79		23.8
100	PI/2 BPSK	135	138		23.27		23.8
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		23.76		23.8
100	QPSK	1	137		23.50		
100	QPSK	1	271		23.49		
100	QPSK	135	0		22.77		23.7
100	QPSK	135	69		23.78		23.8
100	QPSK	135	138		22.76		23.7
100	QPSK	270	0		22.71		
100	16QAM	1	1		22.67		23.7
100	64QAM	1	1		21.01		22.2
100	256QAM	1	1		19.00		20.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.60	23.60	23.58	23.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.54	23.58	23.57	23.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.57	23.58	23.54	23.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.58	23.57	23.56	23.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.55	23.53	23.55	23.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.55	23.53	23.53	23.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.50	23.50	23.50	23.8
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.59	23.54	23.49	23.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.52	23.58	23.49	23.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.53	23.51	23.54	23.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.51	23.53	23.57	23.8

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.50		15.6
100	PI/2 BPSK	1	137		15.31		
100	PI/2 BPSK	1	271		15.28		
100	PI/2 BPSK	135	0		15.46		15.6
100	PI/2 BPSK	135	69		15.33		15.6
100	PI/2 BPSK	135	138		15.28		15.6
100	PI/2 BPSK	270	0		15.38		
100	QPSK	1	1		15.44		15.6
100	QPSK	1	137		15.26		
100	QPSK	1	271		15.53		
100	QPSK	135	0		15.40		15.6
100	QPSK	135	69		15.40		15.6
100	QPSK	135	138		15.59		15.6
100	QPSK	270	0		15.41		
100	16QAM	1	1		15.54		15.6
100	64QAM	1	1		15.36		15.6
100	256QAM	1	1		15.35		15.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.40	15.41	15.44	15.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.46	15.50	15.45	15.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.40	15.44	15.40	15.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.47	15.50	15.49	15.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.46	15.42	15.47	15.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.40	15.45	15.40	15.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.41	15.45	15.45	15.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.45	15.43	15.40	15.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.43	15.48	15.44	15.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.46	15.40	15.45	15.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.42	15.48	15.42	15.6

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.47		18.9
100	PI/2 BPSK	1	137		18.56		
100	PI/2 BPSK	1	271		18.53		
100	PI/2 BPSK	135	0		18.48		18.9
100	PI/2 BPSK	135	69		18.53		18.9
100	PI/2 BPSK	135	138		18.43		18.9
100	PI/2 BPSK	270	0		18.45		
100	QPSK	1	1		18.37		18.9
100	QPSK	1	137		18.40		
100	QPSK	1	271		18.33		
100	QPSK	135	0		18.38		18.9
100	QPSK	135	69		18.31		18.9
100	QPSK	135	138		18.39		18.9
100	QPSK	270	0		18.35		
100	16QAM	1	1		18.31		18.9
100	64QAM	1	1		18.40		18.9
100	256QAM	1	1		18.36		18.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.32	18.32	18.43	18.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.45	18.42	18.33	18.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.34	18.40	18.42	18.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.38	18.43	18.44	18.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.33	18.43	18.34	18.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.43	18.36	18.40	18.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.44	18.39	18.32	18.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.31	18.41	18.32	18.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.44	18.41	18.42	18.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.33	18.44	18.38	18.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.39	18.44	18.35	18.9

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.25		21.7
100	PI/2 BPSK	1	137		21.23		
100	PI/2 BPSK	1	271		21.22		
100	PI/2 BPSK	135	0		21.03		21.7
100	PI/2 BPSK	135	69		21.10		21.7
100	PI/2 BPSK	135	138		21.03		21.7
100	PI/2 BPSK	270	0		21.14		
100	QPSK	1	1		21.09		21.7
100	QPSK	1	137		21.02		
100	QPSK	1	271		21.05		
100	QPSK	135	0		21.02		21.7
100	QPSK	135	69		21.07		21.7
100	QPSK	135	138		21.05		21.7
100	QPSK	270	0		21.05		
100	16QAM	1	1		21.09		21.7
100	64QAM	1	1		19.78		21.1
100	256QAM	1	1		17.73		19.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.16	21.14	21.15	21.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.21	21.16	21.13	21.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.17	21.18	21.14	21.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.21	21.22	21.19	21.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.13	21.19	21.21	21.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.17	21.23	21.15	21.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.15	21.11	21.15	21.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.12	21.15	21.16	21.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.22	21.22	21.11	21.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.22	21.23	21.09	21.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.13	21.13	21.17	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.47		19.6
100	PI/2 BPSK	1	137		18.56		
100	PI/2 BPSK	1	271		18.53		
100	PI/2 BPSK	135	0		18.48		19.6
100	PI/2 BPSK	135	69		18.53		19.6
100	PI/2 BPSK	135	138		18.43		19.6
100	PI/2 BPSK	270	0		18.45		
100	QPSK	1	1		18.37		19.6
100	QPSK	1	137		18.40		
100	QPSK	1	271		18.33		
100	QPSK	135	0		18.38		19.6
100	QPSK	135	69		18.31		19.6
100	QPSK	135	138		18.39		19.6
100	QPSK	270	0		18.35		
100	16QAM	1	1		18.31		19.6
100	64QAM	1	1		18.40		19.6
100	256QAM	1	1		18.36		19.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.32	18.32	18.43	19.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.45	18.42	18.33	19.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.34	18.40	18.42	19.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.38	18.43	18.44	19.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.33	18.43	18.34	19.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.43	18.36	18.40	19.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.44	18.39	18.32	19.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.31	18.41	18.32	19.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.44	18.41	18.42	19.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.33	18.44	18.38	19.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.39	18.44	18.35	19.6

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.25		22.4
100	PI/2 BPSK	1	137		21.23		
100	PI/2 BPSK	1	271		21.22		
100	PI/2 BPSK	135	0		21.03		22.4
100	PI/2 BPSK	135	69		21.10		22.4
100	PI/2 BPSK	135	138		21.03		22.4
100	PI/2 BPSK	270	0		21.14		
100	QPSK	1	1		21.09		22.4
100	QPSK	1	137		21.02		
100	QPSK	1	271		21.05		
100	QPSK	135	0		21.02		22.4
100	QPSK	135	69		21.07		22.4
100	QPSK	135	138		21.05		22.4
100	QPSK	270	0		21.05		
100	16QAM	1	1		21.09		22.4
100	64QAM	1	1		19.78		21.1
100	256QAM	1	1		17.73		19.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.16	21.14	21.15	22.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.21	21.16	21.13	22.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.17	21.18	21.14	22.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.21	21.22	21.19	22.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.13	21.19	21.21	22.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.17	21.23	21.15	22.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.15	21.11	21.15	22.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.12	21.15	21.16	22.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.22	21.22	21.11	22.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.22	21.23	21.09	22.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.13	21.13	21.17	22.4

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.47		18.9
100	PI/2 BPSK	1	137		18.56		
100	PI/2 BPSK	1	271		18.53		
100	PI/2 BPSK	135	0		18.48		18.9
100	PI/2 BPSK	135	69		18.53		18.9
100	PI/2 BPSK	135	138		18.43		18.9
100	PI/2 BPSK	270	0		18.45		
100	QPSK	1	1		18.37		18.9
100	QPSK	1	137		18.40		
100	QPSK	1	271		18.33		
100	QPSK	135	0		18.38		18.9
100	QPSK	135	69		18.31		18.9
100	QPSK	135	138		18.39		18.9
100	QPSK	270	0		18.35		
100	16QAM	1	1		18.31		18.9
100	64QAM	1	1		18.40		18.9
100	256QAM	1	1		18.36		18.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.32	18.32	18.43	18.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.45	18.42	18.33	18.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.34	18.40	18.42	18.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.38	18.43	18.44	18.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.33	18.43	18.34	18.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.43	18.36	18.40	18.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.44	18.39	18.32	18.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.31	18.41	18.32	18.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.44	18.41	18.42	18.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.33	18.44	18.38	18.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.39	18.44	18.35	18.9

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.25		21.7
100	PI/2 BPSK	1	137		21.23		
100	PI/2 BPSK	1	271		21.22		
100	PI/2 BPSK	135	0		21.03		21.7
100	PI/2 BPSK	135	69		21.10		21.7
100	PI/2 BPSK	135	138		21.03		21.7
100	PI/2 BPSK	270	0		21.14		
100	QPSK	1	1		21.09		21.7
100	QPSK	1	137		21.02		
100	QPSK	1	271		21.05		
100	QPSK	135	0		21.02		21.7
100	QPSK	135	69		21.07		21.7
100	QPSK	135	138		21.05		21.7
100	QPSK	270	0		21.05		
100	16QAM	1	1		21.09		21.7
100	64QAM	1	1		19.78		21.1
100	256QAM	1	1		17.73		19.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.16	21.14	21.15	21.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.21	21.16	21.13	21.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.17	21.18	21.14	21.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.21	21.22	21.19	21.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.13	21.19	21.21	21.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.17	21.23	21.15	21.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.15	21.11	21.15	21.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.12	21.15	21.16	21.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.22	21.22	21.11	21.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.22	21.23	21.09	21.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.13	21.13	21.17	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.69		26.5
100	PI/2 BPSK	1	137		25.86		
100	PI/2 BPSK	1	271		25.62		
100	PI/2 BPSK	135	0		24.29		25.0
100	PI/2 BPSK	135	69		25.85		26.5
100	PI/2 BPSK	135	138		24.30		25.0
100	PI/2 BPSK	270	0		24.25		
100	QPSK	1	1		25.63		26.5
100	QPSK	1	137		25.80		
100	QPSK	1	271		25.55		
100	QPSK	135	0		23.79		24.5
100	QPSK	135	69		25.84		26.5
100	QPSK	135	138		23.79		24.5
100	QPSK	270	0		23.74		
100	16QAM	1	1		24.58		25.5
100	64QAM	1	1		22.99		24.0
100	256QAM	1	1		21.03		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.65	25.68	25.64	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.57	25.58	25.57	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.64	25.65	25.59	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.63	25.60	25.60	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.60	25.60	25.54	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.61	25.64	25.54	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.60	25.64	25.60	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.56	25.58	25.58	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.64	25.59	25.54	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.56	25.64	25.56	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.61	25.67	25.63	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.53		25.6
100	PI/2 BPSK	1	137		24.37		
100	PI/2 BPSK	1	271		24.31		
100	PI/2 BPSK	135	0		23.97		25.1
100	PI/2 BPSK	135	69		24.40		25.6
100	PI/2 BPSK	135	138		23.82		25.1
100	PI/2 BPSK	270	0		23.92		
100	QPSK	1	1		24.45		25.6
100	QPSK	1	137		24.28		
100	QPSK	1	271		24.22		
100	QPSK	135	0		23.47		24.6
100	QPSK	135	69		24.39		25.6
100	QPSK	135	138		23.31		24.6
100	QPSK	270	0		23.41		
100	16QAM	1	1		23.43		24.6
100	64QAM	1	1		21.83		23.1
100	256QAM	1	1		19.88		21.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.48	24.48	24.46	25.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.37	24.46	24.42	25.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.43	24.47	24.44	25.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.41	24.48	24.40	25.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.40	24.42	24.38	25.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.35	24.41	24.32	25.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.36	24.43	24.37	25.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.43	24.46	24.41	25.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.40	24.46	24.42	25.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.41	24.43	24.38	25.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.36	24.41	24.37	25.6

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.69		26.5
100	PI/2 BPSK	1	137		25.86		
100	PI/2 BPSK	1	271		25.62		
100	PI/2 BPSK	135	0		24.29		25.0
100	PI/2 BPSK	135	69		25.85		26.5
100	PI/2 BPSK	135	138		24.30		25.0
100	PI/2 BPSK	270	0		24.25		
100	QPSK	1	1		25.63		26.5
100	QPSK	1	137		25.80		
100	QPSK	1	271		25.55		
100	QPSK	135	0		23.79		24.5
100	QPSK	135	69		25.84		26.5
100	QPSK	135	138		23.79		24.5
100	QPSK	270	0		23.74		
100	16QAM	1	1		24.58		25.5
100	64QAM	1	1		22.99		24.0
100	256QAM	1	1		21.03		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.65	25.68	25.64	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.57	25.58	25.57	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.64	25.65	25.59	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.63	25.60	25.60	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.60	25.60	25.54	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.61	25.64	25.54	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.60	25.64	25.60	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.56	25.58	25.58	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.64	25.59	25.54	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.56	25.64	25.56	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.61	25.67	25.63	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.55		19.8
100	PI/2 BPSK	1	137		18.54		
100	PI/2 BPSK	1	271		18.46		
100	PI/2 BPSK	135	0		18.53		19.8
100	PI/2 BPSK	135	69		18.54		19.8
100	PI/2 BPSK	135	138		18.47		19.8
100	PI/2 BPSK	270	0		18.56		
100	QPSK	1	1		18.48		19.8
100	QPSK	1	137		18.46		
100	QPSK	1	271		18.34		
100	QPSK	135	0		18.48		19.8
100	QPSK	135	69		18.58		19.8
100	QPSK	135	138		18.44		19.8
100	QPSK	270	0		18.60		
100	16QAM	1	1		18.48		19.8
100	64QAM	1	1		18.46		19.8
100	256QAM	1	1		18.44		19.8
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.48	18.46	18.51	19.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.54	18.54	18.47	19.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.48	18.51	18.53	19.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.51	18.46	18.50	19.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.48	18.48	18.52	19.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.54	18.52	18.51	19.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.48	18.48	18.55	19.8
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.50	18.45	18.49	19.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.51	18.49	18.52	19.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.45	18.50	18.48	19.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.53	18.54	18.52	19.8

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.69		26.5
100	PI/2 BPSK	1	137		25.86		
100	PI/2 BPSK	1	271		25.62		
100	PI/2 BPSK	135	0		24.29		25.0
100	PI/2 BPSK	135	69		25.85		26.5
100	PI/2 BPSK	135	138		24.30		25.0
100	PI/2 BPSK	270	0		24.25		
100	QPSK	1	1		25.63		26.5
100	QPSK	1	137		25.80		
100	QPSK	1	271		25.55		
100	QPSK	135	0		23.79		24.5
100	QPSK	135	69		25.84		26.5
100	QPSK	135	138		23.79		24.5
100	QPSK	270	0		23.74		
100	16QAM	1	1		24.58		25.5
100	64QAM	1	1		22.99		24.0
100	256QAM	1	1		21.03		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.65	25.68	25.64	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.57	25.58	25.57	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.64	25.65	25.59	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.63	25.60	25.60	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.60	25.60	25.54	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.61	25.64	25.54	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.60	25.64	25.60	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.56	25.58	25.58	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.64	25.59	25.54	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.56	25.64	25.56	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.61	25.67	25.63	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.55		18.6
100	PI/2 BPSK	1	137		18.54		
100	PI/2 BPSK	1	271		18.46		
100	PI/2 BPSK	135	0		18.53		18.6
100	PI/2 BPSK	135	69		18.54		18.6
100	PI/2 BPSK	135	138		18.47		18.6
100	PI/2 BPSK	270	0		18.56		
100	QPSK	1	1		18.48		18.6
100	QPSK	1	137		18.46		
100	QPSK	1	271		18.34		
100	QPSK	135	0		18.48		18.6
100	QPSK	135	69		18.58		18.6
100	QPSK	135	138		18.44		18.6
100	QPSK	270	0		18.60		
100	16QAM	1	1		18.48		18.6
100	64QAM	1	1		18.46		18.6
100	256QAM	1	1		18.44		18.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.48	18.46	18.51	18.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.54	18.54	18.47	18.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.48	18.51	18.53	18.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.51	18.46	18.50	18.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.48	18.48	18.52	18.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.54	18.52	18.51	18.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.48	18.48	18.55	18.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.50	18.45	18.49	18.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.51	18.49	18.52	18.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.45	18.50	18.48	18.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.53	18.54	18.52	18.6

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.45		21.7
100	PI/2 BPSK	1	137		21.59		
100	PI/2 BPSK	1	271		21.45		
100	PI/2 BPSK	135	0		21.47		21.7
100	PI/2 BPSK	135	69		21.45		21.7
100	PI/2 BPSK	135	138		21.40		21.7
100	PI/2 BPSK	270	0		21.46		
100	QPSK	1	1		21.42		21.7
100	QPSK	1	137		21.47		
100	QPSK	1	271		21.46		
100	QPSK	135	0		21.44		21.7
100	QPSK	135	69		21.45		21.7
100	QPSK	135	138		21.49		21.7
100	QPSK	270	0		21.44		
100	16QAM	1	1		21.50		21.7
100	64QAM	1	1		21.45		21.7
100	256QAM	1	1		20.68		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.33	21.39	21.29	21.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.36	21.43	21.35	21.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.33	21.43	21.35	21.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.44	21.33	21.28	21.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.38	21.43	21.33	21.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.43	21.38	21.39	21.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.39	21.38	21.32	21.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.36	21.39	21.41	21.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.45	21.44	21.27	21.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.45	21.35	21.36	21.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.42	21.40	21.29	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.23		24.7
100	PI/2 BPSK	1	137		24.07		
100	PI/2 BPSK	1	271		24.01		
100	PI/2 BPSK	135	0		23.67		24.7
100	PI/2 BPSK	135	69		24.10		24.7
100	PI/2 BPSK	135	138		23.52		24.7
100	PI/2 BPSK	270	0		23.62		
100	QPSK	1	1		24.15		24.7
100	QPSK	1	137		23.98		
100	QPSK	1	271		23.92		
100	QPSK	135	0		23.17		24.6
100	QPSK	135	69		24.09		24.7
100	QPSK	135	138		23.01		24.6
100	QPSK	270	0		23.11		
100	16QAM	1	1		23.13		24.6
100	64QAM	1	1		21.83		23.1
100	256QAM	1	1		19.88		21.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.18	24.18	24.16	24.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.07	24.16	24.12	24.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.13	24.17	24.14	24.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.11	24.18	24.10	24.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.10	24.12	24.08	24.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.05	24.11	24.02	24.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.06	24.13	24.07	24.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.13	24.16	24.11	24.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.10	24.16	24.12	24.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.11	24.13	24.08	24.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.06	24.11	24.07	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.45		22.4
100	PI/2 BPSK	1	137		21.59		
100	PI/2 BPSK	1	271		21.45		
100	PI/2 BPSK	135	0		21.47		22.4
100	PI/2 BPSK	135	69		21.45		22.4
100	PI/2 BPSK	135	138		21.40		22.4
100	PI/2 BPSK	270	0		21.46		
100	QPSK	1	1		21.42		22.4
100	QPSK	1	137		21.47		
100	QPSK	1	271		21.46		
100	QPSK	135	0		21.44		22.4
100	QPSK	135	69		21.45		22.4
100	QPSK	135	138		21.49		22.4
100	QPSK	270	0		21.44		
100	16QAM	1	1		21.50		22.4
100	64QAM	1	1		21.45		22.4
100	256QAM	1	1		20.68		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.33	21.39	21.29	22.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.36	21.43	21.35	22.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.33	21.43	21.35	22.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.44	21.33	21.28	22.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.38	21.43	21.33	22.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.43	21.38	21.39	22.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.39	21.38	21.32	22.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.36	21.39	21.41	22.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.45	21.44	21.27	22.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.45	21.35	21.36	22.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.42	21.40	21.29	22.4

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.23		25.4
100	PI/2 BPSK	1	137		24.07		
100	PI/2 BPSK	1	271		24.01		
100	PI/2 BPSK	135	0		23.67		25.1
100	PI/2 BPSK	135	69		24.10		25.4
100	PI/2 BPSK	135	138		23.52		25.1
100	PI/2 BPSK	270	0		23.62		
100	QPSK	1	1		24.15		25.4
100	QPSK	1	137		23.98		
100	QPSK	1	271		23.92		
100	QPSK	135	0		23.17		24.6
100	QPSK	135	69		24.09		25.4
100	QPSK	135	138		23.01		24.6
100	QPSK	270	0		23.11		
100	16QAM	1	1		23.13		24.6
100	64QAM	1	1		21.83		23.1
100	256QAM	1	1		19.88		21.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.18	24.18	24.16	25.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.07	24.16	24.12	25.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.13	24.17	24.14	25.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.11	24.18	24.10	25.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.10	24.12	24.08	25.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.05	24.11	24.02	25.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.06	24.13	24.07	25.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.13	24.16	24.11	25.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.10	24.16	24.12	25.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.11	24.13	24.08	25.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.06	24.11	24.07	25.4

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.45		21.7
100	PI/2 BPSK	1	137		21.59		
100	PI/2 BPSK	1	271		21.45		
100	PI/2 BPSK	135	0		21.47		21.7
100	PI/2 BPSK	135	69		21.45		21.7
100	PI/2 BPSK	135	138		21.40		21.7
100	PI/2 BPSK	270	0		21.46		
100	QPSK	1	1		21.42		21.7
100	QPSK	1	137		21.47		
100	QPSK	1	271		21.46		
100	QPSK	135	0		21.44		21.7
100	QPSK	135	69		21.45		21.7
100	QPSK	135	138		21.49		21.7
100	QPSK	270	0		21.44		
100	16QAM	1	1		21.50		21.7
100	64QAM	1	1		21.45		21.7
100	256QAM	1	1		20.68		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.33	21.39	21.29	21.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.36	21.43	21.35	21.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.33	21.43	21.35	21.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.44	21.33	21.28	21.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.38	21.43	21.33	21.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.43	21.38	21.39	21.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.39	21.38	21.32	21.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.36	21.39	21.41	21.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.45	21.44	21.27	21.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.45	21.35	21.36	21.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.42	21.40	21.29	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.23		24.7
100	PI/2 BPSK	1	137		24.07		
100	PI/2 BPSK	1	271		24.01		
100	PI/2 BPSK	135	0		23.67		24.7
100	PI/2 BPSK	135	69		24.10		24.7
100	PI/2 BPSK	135	138		23.52		24.7
100	PI/2 BPSK	270	0		23.62		
100	QPSK	1	1		24.15		24.7
100	QPSK	1	137		23.98		
100	QPSK	1	271		23.92		
100	QPSK	135	0		23.17		24.6
100	QPSK	135	69		24.09		24.7
100	QPSK	135	138		23.01		24.6
100	QPSK	270	0		23.11		
100	16QAM	1	1		23.13		24.6
100	64QAM	1	1		21.83		23.1
100	256QAM	1	1		19.88		21.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.18	24.18	24.16	24.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.07	24.16	24.12	24.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.13	24.17	24.14	24.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.11	24.18	24.10	24.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.10	24.12	24.08	24.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.05	24.11	24.02	24.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.06	24.13	24.07	24.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.13	24.16	24.11	24.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.10	24.16	24.12	24.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.11	24.13	24.08	24.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.06	24.11	24.07	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.54		24.7
100	PI/2 BPSK	1	137		23.79		
100	PI/2 BPSK	1	271		23.41		
100	PI/2 BPSK	135	0		23.19		24.2
100	PI/2 BPSK	135	69		23.78		24.7
100	PI/2 BPSK	135	138		23.06		24.2
100	PI/2 BPSK	270	0		22.66		
100	QPSK	1	1		23.47		24.7
100	QPSK	1	137		23.70		
100	QPSK	1	271		23.32		
100	QPSK	135	0		22.62		23.7
100	QPSK	135	69		23.77		24.7
100	QPSK	135	138		22.56		23.7
100	QPSK	270	0		22.67		
100	16QAM	1	1		22.58		23.7
100	64QAM	1	1		20.92		22.2
100	256QAM	1	1		18.90		20.2
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.26	23.25	23.23	24.7
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.20	23.24	23.18	24.7
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.25	23.18	23.14	24.7
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.17	23.17	23.14	24.7
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.22	23.23	23.17	24.7
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.17	23.15	23.19	24.7
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.20	23.17	23.18	24.7
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.22	23.16	23.16	24.7
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.17	23.21	23.18	24.7
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.21	23.22	23.21	24.7
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.20	23.19	23.14	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.18		23.6
100	PI/2 BPSK	1	137		22.15		
100	PI/2 BPSK	1	271		22.16		
100	PI/2 BPSK	135	0		21.69		23.1
100	PI/2 BPSK	135	69		22.14		23.6
100	PI/2 BPSK	135	138		21.62		23.1
100	PI/2 BPSK	270	0		21.75		
100	QPSK	1	1		22.13		23.6
100	QPSK	1	137		22.10		
100	QPSK	1	271		22.15		
100	QPSK	135	0		21.12		22.6
100	QPSK	135	69		22.15		23.6
100	QPSK	135	138		21.12		22.6
100	QPSK	270	0		21.25		
100	16QAM	1	1		21.25		22.6
100	64QAM	1	1		19.60		21.1
100	256QAM	1	1		17.60		19.1
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.14	22.15	22.10	23.6
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.12	22.16	22.11	23.6
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.08	22.15	22.13	23.6
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.10	22.13	22.06	23.6
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.09	22.12	22.10	23.6
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.07	22.11	22.05	23.6
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	22.08	22.10	22.01	23.6
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	22.04	22.10	22.03	23.6
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.05	22.10	22.02	23.6
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.02	22.12	22.07	23.6
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.08	22.13	22.03	23.6

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.54		24.7
100	PI/2 BPSK	1	137		23.79		
100	PI/2 BPSK	1	271		23.41		
100	PI/2 BPSK	135	0		23.19		24.2
100	PI/2 BPSK	135	69		23.78		24.7
100	PI/2 BPSK	135	138		23.06		24.2
100	PI/2 BPSK	270	0		22.66		
100	QPSK	1	1		23.47		24.7
100	QPSK	1	137		23.70		
100	QPSK	1	271		23.32		
100	QPSK	135	0		22.62		23.7
100	QPSK	135	69		23.77		24.7
100	QPSK	135	138		22.56		23.7
100	QPSK	270	0		22.67		
100	16QAM	1	1		22.58		23.7
100	64QAM	1	1		20.92		22.2
100	256QAM	1	1		18.90		20.2
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.26	23.25	23.23	24.7
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.20	23.24	23.18	24.7
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.25	23.18	23.14	24.7
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.17	23.17	23.14	24.7
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.22	23.23	23.17	24.7
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.17	23.15	23.19	24.7
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.20	23.17	23.18	24.7
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.22	23.16	23.16	24.7
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.17	23.21	23.18	24.7
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.21	23.22	23.21	24.7
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.20	23.19	23.14	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.23		16.8
100	PI/2 BPSK	1	137		15.13		
100	PI/2 BPSK	1	271		15.13		
100	PI/2 BPSK	135	0		15.20		16.8
100	PI/2 BPSK	135	69		15.10		16.8
100	PI/2 BPSK	135	138		15.03		16.8
100	PI/2 BPSK	270	0		15.15		
100	QPSK	1	1		15.19		16.8
100	QPSK	1	137		15.03		
100	QPSK	1	271		15.01		
100	QPSK	135	0		15.19		16.8
100	QPSK	135	69		15.14		16.8
100	QPSK	135	138		15.04		16.8
100	QPSK	270	0		15.13		
100	16QAM	1	1		15.35		16.8
100	64QAM	1	1		15.20		16.8
100	256QAM	1	1		15.21		16.8
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.16	15.21	15.14	16.8
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	15.14	15.16	15.17	16.8
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	15.21	15.19	15.16	16.8
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	15.14	15.14	15.17	16.8
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.22	15.21	15.16	16.8
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	15.20	15.23	15.20	16.8
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	15.16	15.18	15.22	16.8
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	15.19	15.22	15.13	16.8
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.19	15.22	15.13	16.8
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.15	15.20	15.13	16.8
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.22	15.17	15.17	16.8

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.54		23.8
100	PI/2 BPSK	1	137		23.79		
100	PI/2 BPSK	1	271		23.41		
100	PI/2 BPSK	135	0		23.19		23.8
100	PI/2 BPSK	135	69		23.78		23.8
100	PI/2 BPSK	135	138		23.06		23.8
100	PI/2 BPSK	270	0		22.66		
100	QPSK	1	1		23.47		23.8
100	QPSK	1	137		23.70		
100	QPSK	1	271		23.32		
100	QPSK	135	0		22.62		23.7
100	QPSK	135	69		23.77		23.8
100	QPSK	135	138		22.56		23.7
100	QPSK	270	0		22.67		
100	16QAM	1	1		22.58		23.7
100	64QAM	1	1		20.92		22.2
100	256QAM	1	1		18.90		20.2
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.26	23.25	23.23	23.8
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.20	23.24	23.18	23.8
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.25	23.18	23.14	23.8
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.17	23.17	23.14	23.8
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.22	23.23	23.17	23.8
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.17	23.15	23.19	23.8
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.20	23.17	23.18	23.8
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.22	23.16	23.16	23.8
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.17	23.21	23.18	23.8
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.21	23.22	23.21	23.8
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.20	23.19	23.14	23.8

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.23		15.6
100	PI/2 BPSK	1	137		15.13		
100	PI/2 BPSK	1	271		15.13		
100	PI/2 BPSK	135	0		15.20		15.6
100	PI/2 BPSK	135	69		15.10		15.6
100	PI/2 BPSK	135	138		15.03		15.6
100	PI/2 BPSK	270	0		15.15		
100	QPSK	1	1		15.19		15.6
100	QPSK	1	137		15.03		
100	QPSK	1	271		15.01		
100	QPSK	135	0		15.19		15.6
100	QPSK	135	69		15.14		15.6
100	QPSK	135	138		15.04		15.6
100	QPSK	270	0		15.13		
100	16QAM	1	1		15.35		15.6
100	64QAM	1	1		15.20		15.6
100	256QAM	1	1		15.21		15.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.16	15.21	15.14	15.6
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	15.14	15.16	15.17	15.6
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	15.21	15.19	15.16	15.6
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	15.14	15.14	15.17	15.6
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.22	15.21	15.16	15.6
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	15.20	15.23	15.20	15.6
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	15.16	15.18	15.22	15.6
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	15.19	15.22	15.13	15.6
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.19	15.22	15.13	15.6
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.15	15.20	15.13	15.6
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.22	15.17	15.17	15.6

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.32		18.9
100	PI/2 BPSK	1	137		18.37		
100	PI/2 BPSK	1	271		18.27		
100	PI/2 BPSK	135	0		18.34		18.9
100	PI/2 BPSK	135	69		18.36		18.9
100	PI/2 BPSK	135	138		18.31		18.9
100	PI/2 BPSK	270	0		18.27		
100	QPSK	1	1		18.26		18.9
100	QPSK	1	137		18.32		
100	QPSK	1	271		18.27		
100	QPSK	135	0		18.30		18.9
100	QPSK	135	69		18.25		18.9
100	QPSK	135	138		18.29		18.9
100	QPSK	270	0		18.27		
100	16QAM	1	1		18.28		18.9
100	64QAM	1	1		18.25		18.9
100	256QAM	1	1		18.32		18.9
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.33	18.22	18.10	18.9
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.31	18.26	18.13	18.9
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.34	18.20	18.14	18.9
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.31	18.12	18.14	18.9
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.22	18.23	18.20	18.9
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.25	18.21	18.13	18.9
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.29	18.18	18.20	18.9
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.31	18.26	18.20	18.9
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.36	18.23	18.22	18.9
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.29	18.21	18.11	18.9
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.33	18.18	18.24	18.9

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.95		21.7
100	PI/2 BPSK	1	137		20.87		
100	PI/2 BPSK	1	271		20.93		
100	PI/2 BPSK	135	0		20.59		21.7
100	PI/2 BPSK	135	69		20.56		21.7
100	PI/2 BPSK	135	138		20.56		21.7
100	PI/2 BPSK	270	0		20.70		
100	QPSK	1	1		20.91		21.7
100	QPSK	1	137		20.89		
100	QPSK	1	271		20.90		
100	QPSK	135	0		20.61		21.7
100	QPSK	135	69		20.63		21.7
100	QPSK	135	138		20.52		21.7
100	QPSK	270	0		20.69		
100	16QAM	1	1		20.93		21.7
100	64QAM	1	1		19.49		21.1
100	256QAM	1	1		17.42		19.1
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.85	20.79	20.74	21.7
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.73	20.78	20.75	21.7
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.83	20.84	20.81	21.7
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.77	20.74	20.75	21.7
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.83	20.76	20.74	21.7
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.77	20.82	20.81	21.7
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.80	20.80	20.76	21.7
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	20.76	20.86	20.76	21.7
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.78	20.86	20.73	21.7
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.79	20.80	20.80	21.7
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.78	20.84	20.74	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.32		19.6
100	PI/2 BPSK	1	137		18.37		
100	PI/2 BPSK	1	271		18.27		
100	PI/2 BPSK	135	0		18.34		19.6
100	PI/2 BPSK	135	69		18.36		19.6
100	PI/2 BPSK	135	138		18.31		19.6
100	PI/2 BPSK	270	0		18.27		
100	QPSK	1	1		18.26		19.6
100	QPSK	1	137		18.32		
100	QPSK	1	271		18.27		
100	QPSK	135	0		18.30		19.6
100	QPSK	135	69		18.25		19.6
100	QPSK	135	138		18.29		19.6
100	QPSK	270	0		18.27		
100	16QAM	1	1		18.28		19.6
100	64QAM	1	1		18.25		19.6
100	256QAM	1	1		18.32		19.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.33	18.22	18.10	19.6
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.31	18.26	18.13	19.6
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.34	18.20	18.14	19.6
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.31	18.12	18.14	19.6
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.22	18.23	18.20	19.6
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.25	18.21	18.13	19.6
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.29	18.18	18.20	19.6
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.31	18.26	18.20	19.6
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.36	18.23	18.22	19.6
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.29	18.21	18.11	19.6
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.33	18.18	18.24	19.6

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.95		22.4
100	PI/2 BPSK	1	137		20.87		
100	PI/2 BPSK	1	271		20.93		
100	PI/2 BPSK	135	0		20.59		22.4
100	PI/2 BPSK	135	69		20.56		22.4
100	PI/2 BPSK	135	138		20.56		22.4
100	PI/2 BPSK	270	0		20.70		
100	QPSK	1	1		20.91		22.4
100	QPSK	1	137		20.89		
100	QPSK	1	271		20.90		
100	QPSK	135	0		20.61		22.4
100	QPSK	135	69		20.63		22.4
100	QPSK	135	138		20.52		22.4
100	QPSK	270	0		20.69		
100	16QAM	1	1		20.93		22.4
100	64QAM	1	1		19.49		21.1
100	256QAM	1	1		17.42		19.1
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.85	20.79	20.74	22.4
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.73	20.78	20.75	22.4
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.83	20.84	20.81	22.4
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.77	20.74	20.75	22.4
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.83	20.76	20.74	22.4
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.77	20.82	20.81	22.4
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.80	20.80	20.76	22.4
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	20.76	20.86	20.76	22.4
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.78	20.86	20.73	22.4
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.79	20.80	20.80	22.4
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.78	20.84	20.74	22.4

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.32		18.9
100	PI/2 BPSK	1	137		18.37		
100	PI/2 BPSK	1	271		18.27		
100	PI/2 BPSK	135	0		18.34		18.9
100	PI/2 BPSK	135	69		18.36		18.9
100	PI/2 BPSK	135	138		18.31		18.9
100	PI/2 BPSK	270	0		18.27		
100	QPSK	1	1		18.26		18.9
100	QPSK	1	137		18.32		
100	QPSK	1	271		18.27		
100	QPSK	135	0		18.30		18.9
100	QPSK	135	69		18.25		18.9
100	QPSK	135	138		18.29		18.9
100	QPSK	270	0		18.27		
100	16QAM	1	1		18.28		18.9
100	64QAM	1	1		18.25		18.9
100	256QAM	1	1		18.32		18.9
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.33	18.22	18.10	18.9
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.31	18.26	18.13	18.9
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.34	18.20	18.14	18.9
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.31	18.12	18.14	18.9
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.22	18.23	18.20	18.9
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.25	18.21	18.13	18.9
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.29	18.18	18.20	18.9
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.31	18.26	18.20	18.9
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.36	18.23	18.22	18.9
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.29	18.21	18.11	18.9
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.33	18.18	18.24	18.9

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.95		21.7
100	PI/2 BPSK	1	137		20.87		
100	PI/2 BPSK	1	271		20.93		
100	PI/2 BPSK	135	0		20.59		21.7
100	PI/2 BPSK	135	69		20.56		21.7
100	PI/2 BPSK	135	138		20.56		21.7
100	PI/2 BPSK	270	0		20.70		
100	QPSK	1	1		20.91		21.7
100	QPSK	1	137		20.89		
100	QPSK	1	271		20.90		
100	QPSK	135	0		20.61		21.7
100	QPSK	135	69		20.63		21.7
100	QPSK	135	138		20.52		21.7
100	QPSK	270	0		20.69		
100	16QAM	1	1		20.93		21.7
100	64QAM	1	1		19.49		21.1
100	256QAM	1	1		17.42		19.1
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.85	20.79	20.74	21.7
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.73	20.78	20.75	21.7
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.83	20.84	20.81	21.7
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.77	20.74	20.75	21.7
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.83	20.76	20.74	21.7
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.77	20.82	20.81	21.7
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.80	20.80	20.76	21.7
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	20.76	20.86	20.76	21.7
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.78	20.86	20.73	21.7
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.79	20.80	20.80	21.7
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.78	20.84	20.74	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.56		26.5
100	PI/2 BPSK	1	137		25.84		
100	PI/2 BPSK	1	271		25.59		
100	PI/2 BPSK	135	0		24.25		25.0
100	PI/2 BPSK	135	69		25.83		26.5
100	PI/2 BPSK	135	138		24.28		25.0
100	PI/2 BPSK	270	0		24.22		
100	QPSK	1	1		25.50		26.5
100	QPSK	1	137		25.78		
100	QPSK	1	271		25.53		
100	QPSK	135	0		23.74		24.5
100	QPSK	135	69		25.82		26.5
100	QPSK	135	138		23.77		24.5
100	QPSK	270	0		23.71		
100	16QAM	1	1		24.47		25.5
100	64QAM	1	1		22.87		24.0
100	256QAM	1	1		20.92		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.58	25.56	25.55	26.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.54	25.53	25.53	26.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.50	25.46	25.54	26.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.52	25.47	25.51	26.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.56	25.51	25.50	26.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.50	25.50	25.48	26.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.52	25.47	25.51	26.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.53	25.49	25.50	26.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.49	25.47	25.53	26.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.56	25.50	25.50	26.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.50	25.54	25.50	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.56		26.5
100	PI/2 BPSK	1	137		25.84		
100	PI/2 BPSK	1	271		25.59		
100	PI/2 BPSK	135	0		24.25		25.0
100	PI/2 BPSK	135	69		25.83		26.5
100	PI/2 BPSK	135	138		24.28		25.0
100	PI/2 BPSK	270	0		24.22		
100	QPSK	1	1		25.50		26.5
100	QPSK	1	137		25.78		
100	QPSK	1	271		25.53		
100	QPSK	135	0		23.74		24.5
100	QPSK	135	69		25.82		26.5
100	QPSK	135	138		23.77		24.5
100	QPSK	270	0		23.71		
100	16QAM	1	1		24.47		25.5
100	64QAM	1	1		22.87		24.0
100	256QAM	1	1		20.92		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.58	25.56	25.55	26.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.54	25.53	25.53	26.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.50	25.46	25.54	26.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.52	25.47	25.51	26.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.56	25.51	25.50	26.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.50	25.50	25.48	26.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.52	25.47	25.51	26.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.53	25.49	25.50	26.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.49	25.47	25.53	26.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.56	25.50	25.50	26.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.50	25.54	25.50	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.56		26.5
100	PI/2 BPSK	1	137		25.84		
100	PI/2 BPSK	1	271		25.59		
100	PI/2 BPSK	135	0		24.25		25.0
100	PI/2 BPSK	135	69		25.83		26.5
100	PI/2 BPSK	135	138		24.28		25.0
100	PI/2 BPSK	270	0		24.22		
100	QPSK	1	1		25.50		26.5
100	QPSK	1	137		25.78		
100	QPSK	1	271		25.53		
100	QPSK	135	0		23.74		24.5
100	QPSK	135	69		25.82		26.5
100	QPSK	135	138		23.77		24.5
100	QPSK	270	0		23.71		
100	16QAM	1	1		24.47		25.5
100	64QAM	1	1		22.87		24.0
100	256QAM	1	1		20.92		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.58	25.56	25.55	26.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.54	25.53	25.53	26.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.50	25.46	25.54	26.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.52	25.47	25.51	26.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.56	25.51	25.50	26.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.50	25.50	25.48	26.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.52	25.47	25.51	26.5
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.53	25.49	25.50	26.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.49	25.47	25.53	26.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.56	25.50	25.50	26.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.50	25.54	25.50	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.34		21.7
100	PI/2 BPSK	1	137		21.29		
100	PI/2 BPSK	1	271		21.36		
100	PI/2 BPSK	135	0		21.26		21.7
100	PI/2 BPSK	135	69		21.36		21.7
100	PI/2 BPSK	135	138		21.35		21.7
100	PI/2 BPSK	270	0		21.26		
100	QPSK	1	1		21.31		21.7
100	QPSK	1	137		21.27		
100	QPSK	1	271		21.35		
100	QPSK	135	0		21.31		21.7
100	QPSK	135	69		21.29		21.7
100	QPSK	135	138		21.33		21.7
100	QPSK	270	0		21.35		
100	16QAM	1	1		21.32		21.7
100	64QAM	1	1		21.35		21.7
100	256QAM	1	1		20.86		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.25	21.29	21.23	21.7
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.33	21.33	21.15	21.7
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.22	21.21	21.25	21.7
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.33	21.22	21.23	21.7
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.23	21.20	21.19	21.7
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.28	21.25	21.26	21.7
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.33	21.29	21.26	21.7
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.25	21.26	21.18	21.7
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.27	21.29	21.26	21.7
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.32	21.23	21.16	21.7
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.32	21.33	21.23	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.34		22.4
100	PI/2 BPSK	1	137		21.29		
100	PI/2 BPSK	1	271		21.36		
100	PI/2 BPSK	135	0		21.26		22.4
100	PI/2 BPSK	135	69		21.36		22.4
100	PI/2 BPSK	135	138		21.35		22.4
100	PI/2 BPSK	270	0		21.26		
100	QPSK	1	1		21.31		22.4
100	QPSK	1	137		21.27		
100	QPSK	1	271		21.35		
100	QPSK	135	0		21.31		22.4
100	QPSK	135	69		21.29		22.4
100	QPSK	135	138		21.33		22.4
100	QPSK	270	0		21.35		
100	16QAM	1	1		21.32		22.4
100	64QAM	1	1		21.35		22.4
100	256QAM	1	1		20.86		22.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.25	21.29	21.23	22.4
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.33	21.33	21.15	22.4
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.22	21.21	21.25	22.4
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.33	21.22	21.23	22.4
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.23	21.20	21.19	22.4
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.28	21.25	21.26	22.4
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.33	21.29	21.26	22.4
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.25	21.26	21.18	22.4
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.27	21.29	21.26	22.4
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.32	21.23	21.16	22.4
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.32	21.33	21.23	22.4

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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)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.34		21.7
100	PI/2 BPSK	1	137		21.29		
100	PI/2 BPSK	1	271		21.36		
100	PI/2 BPSK	135	0		21.26		21.7
100	PI/2 BPSK	135	69		21.36		21.7
100	PI/2 BPSK	135	138		21.35		21.7
100	PI/2 BPSK	270	0		21.26		
100	QPSK	1	1		21.31		21.7
100	QPSK	1	137		21.27		
100	QPSK	1	271		21.35		
100	QPSK	135	0		21.31		21.7
100	QPSK	135	69		21.29		21.7
100	QPSK	135	138		21.33		21.7
100	QPSK	270	0		21.35		
100	16QAM	1	1		21.32		21.7
100	64QAM	1	1		21.35		21.7
100	256QAM	1	1		20.86		21.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.25	21.29	21.23	21.7
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.33	21.33	21.15	21.7
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.22	21.21	21.25	21.7
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.33	21.22	21.23	21.7
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.23	21.20	21.19	21.7
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.28	21.25	21.26	21.7
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.33	21.29	21.26	21.7
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.25	21.26	21.18	21.7
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.27	21.29	21.26	21.7
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.32	21.23	21.16	21.7
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.32	21.33	21.23	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.64		24.7
100	PI/2 BPSK	1	137		23.79		
100	PI/2 BPSK	1	271		23.52		
100	PI/2 BPSK	135	0		23.27		24.2
100	PI/2 BPSK	135	69		23.79		24.7
100	PI/2 BPSK	135	138		23.28		24.2
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		23.57		24.7
100	QPSK	1	137		23.78		
100	QPSK	1	271		23.51		
100	QPSK	135	0		22.77		23.7
100	QPSK	135	69		23.79		24.7
100	QPSK	135	138		22.77		23.7
100	QPSK	270	0		22.72		
100	16QAM	1	1		22.69		23.7
100	64QAM	1	1		21.02		22.2
100	256QAM	1	1		19.01		20.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.64	23.61	23.59	24.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.62	23.52	23.52	24.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.61	23.57	23.52	24.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.56	23.55	23.52	24.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.57	23.55	23.57	24.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.59	23.52	23.52	24.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.61	23.52	23.55	24.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.60	23.58	23.58	24.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.63	23.52	23.54	24.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.60	23.60	23.55	24.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.54	23.55	23.56	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.34		23.6
100	PI/2 BPSK	1	137		22.22		
100	PI/2 BPSK	1	271		22.18		
100	PI/2 BPSK	135	0		21.83		23.1
100	PI/2 BPSK	135	69		22.25		23.6
100	PI/2 BPSK	135	138		21.68		23.1
100	PI/2 BPSK	270	0		21.78		
100	QPSK	1	1		22.27		23.6
100	QPSK	1	137		22.14		
100	QPSK	1	271		22.08		
100	QPSK	135	0		21.32		22.6
100	QPSK	135	69		22.25		23.6
100	QPSK	135	138		21.17		22.6
100	QPSK	270	0		21.28		
100	16QAM	1	1		21.40		22.6
100	64QAM	1	1		19.74		21.1
100	256QAM	1	1		17.74		19.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.28	22.31	22.26	23.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.23	22.30	22.24	23.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.25	22.26	22.22	23.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.22	22.27	22.19	23.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.18	22.21	22.17	23.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.16	22.21	22.20	23.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.21	22.24	22.18	23.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.22	22.27	22.14	23.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.25	22.27	22.19	23.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.18	22.23	22.20	23.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.21	22.26	22.23	23.6

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.64		24.7
100	PI/2 BPSK	1	137		23.79		
100	PI/2 BPSK	1	271		23.52		
100	PI/2 BPSK	135	0		23.27		24.2
100	PI/2 BPSK	135	69		23.79		24.7
100	PI/2 BPSK	135	138		23.28		24.2
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		23.57		24.7
100	QPSK	1	137		23.78		
100	QPSK	1	271		23.51		
100	QPSK	135	0		22.77		23.7
100	QPSK	135	69		23.79		24.7
100	QPSK	135	138		22.77		23.7
100	QPSK	270	0		22.72		
100	16QAM	1	1		22.69		23.7
100	64QAM	1	1		21.02		22.2
100	256QAM	1	1		19.01		20.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.64	23.61	23.59	24.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.62	23.52	23.52	24.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.61	23.57	23.52	24.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.56	23.55	23.52	24.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.57	23.55	23.57	24.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.59	23.52	23.52	24.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.61	23.52	23.55	24.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.60	23.58	23.58	24.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.63	23.52	23.54	24.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.60	23.60	23.55	24.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.54	23.55	23.56	24.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.28		16.8
100	PI/2 BPSK	1	137		15.19		
100	PI/2 BPSK	1	271		15.11		
100	PI/2 BPSK	135	0		15.24		16.8
100	PI/2 BPSK	135	69		15.13		16.8
100	PI/2 BPSK	135	138		15.12		16.8
100	PI/2 BPSK	270	0		15.16		
100	QPSK	1	1		15.21		16.8
100	QPSK	1	137		15.07		
100	QPSK	1	271		15.07		
100	QPSK	135	0		15.32		16.8
100	QPSK	135	69		15.22		16.8
100	QPSK	135	138		15.10		16.8
100	QPSK	270	0		15.22		
100	16QAM	1	1		15.30		16.8
100	64QAM	1	1		15.22		16.8
100	256QAM	1	1		15.25		16.8
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.21	15.21	15.25	16.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.23	15.27	15.24	16.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.20	15.18	15.26	16.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.23	15.28	15.19	16.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.25	15.28	15.27	16.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.27	15.25	15.24	16.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.22	15.21	15.20	16.8
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.22	15.22	15.19	16.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.28	15.25	15.27	16.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.28	15.20	15.24	16.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.22	15.27	15.21	16.8

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.64		23.8
100	PI/2 BPSK	1	137		23.79		
100	PI/2 BPSK	1	271		23.52		
100	PI/2 BPSK	135	0		23.27		23.8
100	PI/2 BPSK	135	69		23.79		23.8
100	PI/2 BPSK	135	138		23.28		23.8
100	PI/2 BPSK	270	0		23.22		
100	QPSK	1	1		23.57		23.8
100	QPSK	1	137		23.78		
100	QPSK	1	271		23.51		
100	QPSK	135	0		22.77		23.7
100	QPSK	135	69		23.79		23.8
100	QPSK	135	138		22.77		23.7
100	QPSK	270	0		22.72		
100	16QAM	1	1		22.69		23.7
100	64QAM	1	1		21.02		22.2
100	256QAM	1	1		19.01		20.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.64	23.61	23.59	23.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.62	23.52	23.52	23.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.61	23.57	23.52	23.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.56	23.55	23.52	23.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.57	23.55	23.57	23.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.59	23.52	23.52	23.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.61	23.52	23.55	23.8
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.60	23.58	23.58	23.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.63	23.52	23.54	23.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.60	23.60	23.55	23.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.54	23.55	23.56	23.8

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.28		15.6
100	PI/2 BPSK	1	137		15.19		
100	PI/2 BPSK	1	271		15.11		
100	PI/2 BPSK	135	0		15.24		15.6
100	PI/2 BPSK	135	69		15.13		15.6
100	PI/2 BPSK	135	138		15.12		15.6
100	PI/2 BPSK	270	0		15.16		
100	QPSK	1	1		15.21		15.6
100	QPSK	1	137		15.07		
100	QPSK	1	271		15.07		
100	QPSK	135	0		15.32		15.6
100	QPSK	135	69		15.22		15.6
100	QPSK	135	138		15.10		15.6
100	QPSK	270	0		15.22		
100	16QAM	1	1		15.30		15.6
100	64QAM	1	1		15.22		15.6
100	256QAM	1	1		15.25		15.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.21	15.21	15.25	15.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.23	15.27	15.24	15.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.20	15.18	15.26	15.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.23	15.28	15.19	15.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.25	15.28	15.27	15.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.27	15.25	15.24	15.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.22	15.21	15.20	15.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.22	15.22	15.19	15.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.28	15.25	15.27	15.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.28	15.20	15.24	15.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.22	15.27	15.21	15.6

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.34		18.9
100	PI/2 BPSK	1	137		18.38		
100	PI/2 BPSK	1	271		18.30		
100	PI/2 BPSK	135	0		18.26		18.9
100	PI/2 BPSK	135	69		18.35		18.9
100	PI/2 BPSK	135	138		18.26		18.9
100	PI/2 BPSK	270	0		18.25		
100	QPSK	1	1		18.32		18.9
100	QPSK	1	137		18.32		
100	QPSK	1	271		18.33		
100	QPSK	135	0		18.32		18.9
100	QPSK	135	69		18.30		18.9
100	QPSK	135	138		18.28		18.9
100	QPSK	270	0		18.29		
100	16QAM	1	1		18.29		18.9
100	64QAM	1	1		18.26		18.9
100	256QAM	1	1		18.25		18.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.30	18.12	18.19	18.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.30	18.22	18.20	18.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.33	18.10	18.17	18.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.33	18.24	18.13	18.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.22	18.17	18.19	18.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.26	18.18	18.21	18.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.24	18.18	18.27	18.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.23	18.20	18.16	18.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.30	18.12	18.24	18.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.21	18.12	18.18	18.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.33	18.16	18.23	18.9

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.05		21.7
100	PI/2 BPSK	1	137		21.01		
100	PI/2 BPSK	1	271		20.99		
100	PI/2 BPSK	135	0		20.64		21.7
100	PI/2 BPSK	135	69		20.65		21.7
100	PI/2 BPSK	135	138		20.68		21.7
100	PI/2 BPSK	270	0		20.77		
100	QPSK	1	1		21.04		21.7
100	QPSK	1	137		20.97		
100	QPSK	1	271		21.02		
100	QPSK	135	0		20.63		21.7
100	QPSK	135	69		20.73		21.7
100	QPSK	135	138		20.67		21.7
100	QPSK	270	0		20.75		
100	16QAM	1	1		20.99		21.7
100	64QAM	1	1		19.49		21.1
100	256QAM	1	1		17.56		19.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.96	20.97	20.96	21.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.91	20.93	20.86	21.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.88	20.97	20.90	21.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.99	20.90	20.90	21.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.92	20.97	20.92	21.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.88	20.88	20.94	21.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.89	20.91	20.89	21.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.95	20.85	20.88	21.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.97	20.96	20.95	21.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.97	20.91	20.95	21.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.87	20.90	20.86	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.34		19.6
100	PI/2 BPSK	1	137		18.38		
100	PI/2 BPSK	1	271		18.30		
100	PI/2 BPSK	135	0		18.26		19.6
100	PI/2 BPSK	135	69		18.35		19.6
100	PI/2 BPSK	135	138		18.26		19.6
100	PI/2 BPSK	270	0		18.25		
100	QPSK	1	1		18.32		19.6
100	QPSK	1	137		18.32		
100	QPSK	1	271		18.33		
100	QPSK	135	0		18.32		19.6
100	QPSK	135	69		18.30		19.6
100	QPSK	135	138		18.28		19.6
100	QPSK	270	0		18.29		
100	16QAM	1	1		18.29		19.6
100	64QAM	1	1		18.26		19.6
100	256QAM	1	1		18.25		19.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.30	18.12	18.19	19.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.30	18.22	18.20	19.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.33	18.10	18.17	19.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.33	18.24	18.13	19.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.22	18.17	18.19	19.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.26	18.18	18.21	19.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.24	18.18	18.27	19.6
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.23	18.20	18.16	19.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.30	18.12	18.24	19.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.21	18.12	18.18	19.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.33	18.16	18.23	19.6

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.05		22.4
100	PI/2 BPSK	1	137		21.01		
100	PI/2 BPSK	1	271		20.99		
100	PI/2 BPSK	135	0		20.64		22.4
100	PI/2 BPSK	135	69		20.65		22.4
100	PI/2 BPSK	135	138		20.68		22.4
100	PI/2 BPSK	270	0		20.77		
100	QPSK	1	1		21.04		22.4
100	QPSK	1	137		20.97		
100	QPSK	1	271		21.02		
100	QPSK	135	0		20.63		22.4
100	QPSK	135	69		20.73		22.4
100	QPSK	135	138		20.67		22.4
100	QPSK	270	0		20.75		
100	16QAM	1	1		20.99		22.4
100	64QAM	1	1		19.49		21.1
100	256QAM	1	1		17.56		19.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.96	20.97	20.96	22.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.91	20.93	20.86	22.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.88	20.97	20.90	22.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.99	20.90	20.90	22.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.92	20.97	20.92	22.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.88	20.88	20.94	22.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.89	20.91	20.89	22.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.95	20.85	20.88	22.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.97	20.96	20.95	22.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.97	20.91	20.95	22.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.87	20.90	20.86	22.4

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.34		18.9
100	PI/2 BPSK	1	137		18.38		
100	PI/2 BPSK	1	271		18.30		
100	PI/2 BPSK	135	0		18.26		18.9
100	PI/2 BPSK	135	69		18.35		18.9
100	PI/2 BPSK	135	138		18.26		18.9
100	PI/2 BPSK	270	0		18.25		
100	QPSK	1	1		18.32		18.9
100	QPSK	1	137		18.32		
100	QPSK	1	271		18.33		
100	QPSK	135	0		18.32		18.9
100	QPSK	135	69		18.30		18.9
100	QPSK	135	138		18.28		18.9
100	QPSK	270	0		18.29		
100	16QAM	1	1		18.29		18.9
100	64QAM	1	1		18.26		18.9
100	256QAM	1	1		18.25		18.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.30	18.12	18.19	18.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.30	18.22	18.20	18.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.33	18.10	18.17	18.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.33	18.24	18.13	18.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.22	18.17	18.19	18.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.26	18.18	18.21	18.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.24	18.18	18.27	18.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.23	18.20	18.16	18.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.30	18.12	18.24	18.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.21	18.12	18.18	18.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.33	18.16	18.23	18.9

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.05		21.7
100	PI/2 BPSK	1	137		21.01		
100	PI/2 BPSK	1	271		20.99		
100	PI/2 BPSK	135	0		20.64		21.7
100	PI/2 BPSK	135	69		20.65		21.7
100	PI/2 BPSK	135	138		20.68		21.7
100	PI/2 BPSK	270	0		20.77		
100	QPSK	1	1		21.04		21.7
100	QPSK	1	137		20.97		
100	QPSK	1	271		21.02		
100	QPSK	135	0		20.63		21.7
100	QPSK	135	69		20.73		21.7
100	QPSK	135	138		20.67		21.7
100	QPSK	270	0		20.75		
100	16QAM	1	1		20.99		21.7
100	64QAM	1	1		19.49		21.1
100	256QAM	1	1		17.56		19.1
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.96	20.97	20.96	21.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.91	20.93	20.86	21.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.88	20.97	20.90	21.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.99	20.90	20.90	21.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.92	20.97	20.92	21.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.88	20.88	20.94	21.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.89	20.91	20.89	21.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.95	20.85	20.88	21.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.97	20.96	20.95	21.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.97	20.91	20.95	21.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.87	20.90	20.86	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.67		26.5
100	PI/2 BPSK	1	137		25.89		
100	PI/2 BPSK	1	271		25.62		
100	PI/2 BPSK	135	0		24.29		25.0
100	PI/2 BPSK	135	69		25.84		26.5
100	PI/2 BPSK	135	138		24.29		25.0
100	PI/2 BPSK	270	0		24.22		
100	QPSK	1	1		25.62		26.5
100	QPSK	1	137		25.88		
100	QPSK	1	271		25.53		
100	QPSK	135	0		23.79		24.5
100	QPSK	135	69		25.81		26.5
100	QPSK	135	138		23.70		24.5
100	QPSK	270	0		23.74		
100	16QAM	1	1		24.59		25.5
100	64QAM	1	1		22.99		24.0
100	256QAM	1	1		21.04		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.66	25.66	25.62	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.56	25.60	25.58	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.64	25.61	25.53	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.61	25.56	25.57	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.61	25.56	25.55	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.58	25.61	25.54	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.60	25.62	25.58	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.56	25.61	25.57	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.56	25.56	25.61	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.58	25.59	25.53	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.57	25.62	25.59	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.67		26.5
100	PI/2 BPSK	1	137		25.89		
100	PI/2 BPSK	1	271		25.62		
100	PI/2 BPSK	135	0		24.29		25.0
100	PI/2 BPSK	135	69		25.84		26.5
100	PI/2 BPSK	135	138		24.29		25.0
100	PI/2 BPSK	270	0		24.22		
100	QPSK	1	1		25.62		26.5
100	QPSK	1	137		25.88		
100	QPSK	1	271		25.53		
100	QPSK	135	0		23.79		24.5
100	QPSK	135	69		25.81		26.5
100	QPSK	135	138		23.70		24.5
100	QPSK	270	0		23.74		
100	16QAM	1	1		24.59		25.5
100	64QAM	1	1		22.99		24.0
100	256QAM	1	1		21.04		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.66	25.66	25.62	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.56	25.60	25.58	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.64	25.61	25.53	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.61	25.56	25.57	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.61	25.56	25.55	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.58	25.61	25.54	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.60	25.62	25.58	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.56	25.61	25.57	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.56	25.56	25.61	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.58	25.59	25.53	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.57	25.62	25.59	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.67		26.5
100	PI/2 BPSK	1	137		25.89		
100	PI/2 BPSK	1	271		25.62		
100	PI/2 BPSK	135	0		24.29		25.0
100	PI/2 BPSK	135	69		25.84		26.5
100	PI/2 BPSK	135	138		24.29		25.0
100	PI/2 BPSK	270	0		24.22		
100	QPSK	1	1		25.62		26.5
100	QPSK	1	137		25.88		
100	QPSK	1	271		25.53		
100	QPSK	135	0		23.79		24.5
100	QPSK	135	69		25.81		26.5
100	QPSK	135	138		23.70		24.5
100	QPSK	270	0		23.74		
100	16QAM	1	1		24.59		25.5
100	64QAM	1	1		22.99		24.0
100	256QAM	1	1		21.04		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.66	25.66	25.62	26.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.56	25.60	25.58	26.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.64	25.61	25.53	26.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.61	25.56	25.57	26.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.61	25.56	25.55	26.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.58	25.61	25.54	26.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.60	25.62	25.58	26.5
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.56	25.61	25.57	26.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.56	25.56	25.61	26.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.58	25.59	25.53	26.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.57	25.62	25.59	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.30		21.7
100	PI/2 BPSK	1	137		21.34		
100	PI/2 BPSK	1	271		21.27		
100	PI/2 BPSK	135	0		21.30		21.7
100	PI/2 BPSK	135	69		21.33		21.7
100	PI/2 BPSK	135	138		21.35		21.7
100	PI/2 BPSK	270	0		21.34		
100	QPSK	1	1		21.30		21.7
100	QPSK	1	137		21.30		
100	QPSK	1	271		21.31		
100	QPSK	135	0		21.30		21.7
100	QPSK	135	69		21.27		21.7
100	QPSK	135	138		21.33		21.7
100	QPSK	270	0		21.31		
100	16QAM	1	1		21.27		21.7
100	64QAM	1	1		21.26		21.7
100	256QAM	1	1		20.88		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.29	21.22	21.18	21.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.22	21.20	21.21	21.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.21	21.15	21.19	21.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.30	21.24	21.16	21.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.32	21.18	21.17	21.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.22	21.21	21.18	21.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.27	21.24	21.17	21.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.26	21.26	21.17	21.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.29	21.29	21.16	21.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.34	21.26	21.13	21.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.31	21.16	21.17	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.30		22.4
100	PI/2 BPSK	1	137		21.34		
100	PI/2 BPSK	1	271		21.27		
100	PI/2 BPSK	135	0		21.30		22.4
100	PI/2 BPSK	135	69		21.33		22.4
100	PI/2 BPSK	135	138		21.35		22.4
100	PI/2 BPSK	270	0		21.34		
100	QPSK	1	1		21.30		22.4
100	QPSK	1	137		21.30		
100	QPSK	1	271		21.31		
100	QPSK	135	0		21.30		22.4
100	QPSK	135	69		21.27		22.4
100	QPSK	135	138		21.33		22.4
100	QPSK	270	0		21.31		
100	16QAM	1	1		21.27		22.4
100	64QAM	1	1		21.26		22.4
100	256QAM	1	1		20.88		22.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.29	21.22	21.18	22.4
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.22	21.20	21.21	22.4
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.21	21.15	21.19	22.4
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.30	21.24	21.16	22.4
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.32	21.18	21.17	22.4
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.22	21.21	21.18	22.4
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.27	21.24	21.17	22.4
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.26	21.26	21.17	22.4
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.29	21.29	21.16	22.4
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.34	21.26	21.13	22.4
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.31	21.16	21.17	22.4

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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)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.30		21.7
100	PI/2 BPSK	1	137		21.34		
100	PI/2 BPSK	1	271		21.27		
100	PI/2 BPSK	135	0		21.30		21.7
100	PI/2 BPSK	135	69		21.33		21.7
100	PI/2 BPSK	135	138		21.35		21.7
100	PI/2 BPSK	270	0		21.34		
100	QPSK	1	1		21.30		21.7
100	QPSK	1	137		21.30		
100	QPSK	1	271		21.31		
100	QPSK	135	0		21.30		21.7
100	QPSK	135	69		21.27		21.7
100	QPSK	135	138		21.33		21.7
100	QPSK	270	0		21.31		
100	16QAM	1	1		21.27		21.7
100	64QAM	1	1		21.26		21.7
100	256QAM	1	1		20.88		21.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.29	21.22	21.18	21.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.22	21.20	21.21	21.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.21	21.15	21.19	21.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.30	21.24	21.16	21.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.32	21.18	21.17	21.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.22	21.21	21.18	21.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.27	21.24	21.17	21.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.26	21.26	21.17	21.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.29	21.29	21.16	21.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.34	21.26	21.13	21.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.31	21.16	21.17	21.7