



<FR1 n2 Ant 2 TX0 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.69	24.78	24.74	25.7
20	PI/2 BPSK	1	53	24.89	24.92	24.91	
20	PI/2 BPSK	1	104	24.68	24.76	24.67	
20	PI/2 BPSK	50	0	24.20	24.25	24.18	25.2
20	PI/2 BPSK	50	28	24.72	24.80	24.73	25.7
20	PI/2 BPSK	50	56	24.17	24.26	24.25	25.2
20	PI/2 BPSK	100	0	24.24	24.27	24.20	
20	QPSK	1	1	24.68	24.77	24.67	25.7
20	QPSK	1	53	24.83	24.89	24.86	
20	QPSK	1	104	24.65	24.77	24.69	
20	QPSK	50	0	22.18	22.26	22.18	23.7
20	QPSK	50	28	24.67	24.77	24.75	25.7
20	QPSK	50	56	22.23	22.26	22.21	23.7
20	QPSK	100	0	22.17	22.29	22.19	
20	16QAM	1	1	23.57	23.69	23.60	23.7
20	64QAM	1	1	22.15	22.20	22.19	23.2
20	256QAM	1	1	18.24	18.25	18.21	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.59	24.66	24.74	25.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.50	24.68	24.59	25.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.50	24.65	24.57	25.7



<FR1 n2 Ant 2 TX0 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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.18	18.29	18.19	18.9
20	PI/2 BPSK	1	53	18.39	18.40	18.39	
20	PI/2 BPSK	1	104	18.17	18.24	18.23	
20	PI/2 BPSK	50	0	18.23	18.25	18.21	18.9
20	PI/2 BPSK	50	28	18.23	18.29	18.23	18.9
20	PI/2 BPSK	50	56	18.16	18.25	18.16	18.9
20	PI/2 BPSK	100	0	18.17	18.24	18.23	
20	QPSK	1	1	18.28	18.30	18.21	18.9
20	QPSK	1	53	18.30	18.36	18.31	
20	QPSK	1	104	18.23	18.24	18.16	
20	QPSK	50	0	18.18	18.21	18.17	18.9
20	QPSK	50	28	18.22	18.26	18.16	18.9
20	QPSK	50	56	18.17	18.24	18.18	18.9
20	QPSK	100	0	18.15	18.23	18.16	
20	16QAM	1	1	18.21	18.29	18.24	18.9
20	64QAM	1	1	18.14	18.20	18.17	18.9
20	256QAM	1	1	18.20	18.21	18.18	18.9
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.08	18.16	18.08	18.9
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.12	18.13	18.03	18.9
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.05	18.22	18.13	18.9



<FR1 n2 Ant 2 TX0 Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	23.0
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.86	21.86	21.79	
20	PI/2 BPSK	1	53	21.98	21.98	22.00	23.0
20	PI/2 BPSK	1	104	21.86	21.86	21.84	
20	PI/2 BPSK	50	0	21.79	21.85	21.78	23.0
20	PI/2 BPSK	50	28	21.83	21.86	21.84	23.0
20	PI/2 BPSK	50	56	21.83	21.85	21.83	23.0
20	PI/2 BPSK	100	0	21.81	21.86	21.78	
20	QPSK	1	1	21.81	21.86	21.86	23.0
20	QPSK	1	53	21.89	21.96	21.93	
20	QPSK	1	104	21.73	21.83	21.85	
20	QPSK	50	0	21.85	21.86	21.78	23.0
20	QPSK	50	28	21.79	21.87	21.87	23.0
20	QPSK	50	56	21.81	21.83	21.81	23.0
20	QPSK	100	0	21.79	21.85	21.83	
20	16QAM	1	1	21.87	21.87	21.81	23.0
20	64QAM	1	1	21.80	21.80	21.76	23.0
20	256QAM	1	1	18.31	18.34	18.36	19.2
Channel				371500	376000	380500	23.0
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.70	21.69	21.73	23.0
Channel				371000	376000	381000	23.0
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.83	21.80	21.61	23.0
Channel				370500	376000	381500	23.0
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.72	21.71	21.74	23.0



<FR1 n2 Ant 2 TX0 Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.86	21.86	21.79	22.2
20	PI/2 BPSK	1	53	21.98	21.98	22.00	
20	PI/2 BPSK	1	104	21.86	21.86	21.84	
20	PI/2 BPSK	50	0	21.79	21.85	21.78	22.2
20	PI/2 BPSK	50	28	21.83	21.86	21.84	22.2
20	PI/2 BPSK	50	56	21.83	21.85	21.83	22.2
20	PI/2 BPSK	100	0	21.81	21.86	21.78	
20	QPSK	1	1	21.81	21.86	21.86	22.2
20	QPSK	1	53	21.89	21.96	21.93	
20	QPSK	1	104	21.73	21.83	21.85	
20	QPSK	50	0	21.85	21.86	21.78	22.2
20	QPSK	50	28	21.79	21.87	21.87	22.2
20	QPSK	50	56	21.81	21.83	21.81	22.2
20	QPSK	100	0	21.79	21.85	21.83	
20	16QAM	1	1	21.87	21.87	21.81	22.2
20	64QAM	1	1	21.80	21.80	21.76	22.2
20	256QAM	1	1	18.31	18.34	18.36	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.70	21.69	21.73	22.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.83	21.80	21.61	22.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.72	21.71	21.74	22.2



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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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.69	24.78	24.74	25.7
20	PI/2 BPSK	1	53	24.89	24.92	24.91	
20	PI/2 BPSK	1	104	24.68	24.76	24.67	
20	PI/2 BPSK	50	0	24.20	24.25	24.18	25.2
20	PI/2 BPSK	50	28	24.72	24.80	24.73	25.7
20	PI/2 BPSK	50	56	24.17	24.26	24.25	25.2
20	PI/2 BPSK	100	0	24.24	24.27	24.20	
20	QPSK	1	1	24.68	24.77	24.67	25.7
20	QPSK	1	53	24.83	24.89	24.86	
20	QPSK	1	104	24.65	24.77	24.69	
20	QPSK	50	0	22.18	22.26	22.18	23.7
20	QPSK	50	28	24.67	24.77	24.75	25.7
20	QPSK	50	56	22.23	22.26	22.21	23.7
20	QPSK	100	0	22.17	22.29	22.19	
20	16QAM	1	1	23.57	23.69	23.60	23.7
20	64QAM	1	1	22.15	22.20	22.19	23.2
20	256QAM	1	1	18.24	18.25	18.21	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.59	24.66	24.74	25.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.50	24.68	24.59	25.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.50	24.65	24.57	25.7



<FR1 n2 Ant 2 TX0 Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.08	19.08	19.09	19.7
20	PI/2 BPSK	1	53	19.13	19.14	19.16	
20	PI/2 BPSK	1	104	19.03	19.04	18.93	
20	PI/2 BPSK	50	0	18.99	19.00	18.98	19.7
20	PI/2 BPSK	50	28	19.09	19.10	19.02	19.7
20	PI/2 BPSK	50	56	18.96	19.09	19.05	19.7
20	PI/2 BPSK	100	0	19.11	19.14	19.04	
20	QPSK	1	1	19.04	19.10	18.97	19.7
20	QPSK	1	53	19.03	19.09	19.02	
20	QPSK	1	104	18.99	19.01	19.00	
20	QPSK	50	0	18.99	18.98	19.01	19.7
20	QPSK	50	28	19.14	19.12	19.13	19.7
20	QPSK	50	56	18.99	19.10	19.07	19.7
20	QPSK	100	0	19.06	19.07	19.05	
20	16QAM	1	1	19.01	19.06	18.99	19.7
20	64QAM	1	1	19.07	19.13	19.10	19.7
20	256QAM	1	1	18.25	18.27	18.27	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.98	18.93	18.95	19.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.08	19.05	18.89	19.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.91	18.97	18.91	19.7



<FR1 n2 Ant 2 TX0 Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.13	21.13	21.15	22.0
20	PI/2 BPSK	1	53	21.19	21.19	21.20	
20	PI/2 BPSK	1	104	21.12	21.12	21.01	
20	PI/2 BPSK	50	0	21.07	21.10	21.04	22.0
20	PI/2 BPSK	50	28	21.09	21.10	21.06	22.0
20	PI/2 BPSK	50	56	21.05	21.12	21.05	22.0
20	PI/2 BPSK	100	0	21.11	21.15	21.14	
20	QPSK	1	1	21.07	21.14	21.07	22.0
20	QPSK	1	53	21.10	21.16	21.10	
20	QPSK	1	104	21.05	21.10	21.01	
20	QPSK	50	0	21.08	21.08	21.06	22.0
20	QPSK	50	28	21.16	21.16	21.17	22.0
20	QPSK	50	56	21.04	21.10	21.10	22.0
20	QPSK	100	0	21.11	21.19	21.13	
20	16QAM	1	1	21.10	21.14	21.08	22.0
20	64QAM	1	1	21.11	21.16	21.14	22.0
20	256QAM	1	1	18.26	18.28	18.29	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.05	21.01	21.12	22.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.97	21.03	21.11	22.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.00	20.96	21.10	22.0



<FR1 n2 Ant 2 TX0 Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.13	21.13	21.15	21.2
20	PI/2 BPSK	1	53	21.19	21.19	21.20	
20	PI/2 BPSK	1	104	21.12	21.12	21.01	
20	PI/2 BPSK	50	0	21.07	21.10	21.04	21.2
20	PI/2 BPSK	50	28	21.09	21.10	21.06	21.2
20	PI/2 BPSK	50	56	21.05	21.12	21.05	21.2
20	PI/2 BPSK	100	0	21.11	21.15	21.14	
20	QPSK	1	1	21.07	21.14	21.07	21.2
20	QPSK	1	53	21.10	21.16	21.10	
20	QPSK	1	104	21.05	21.10	21.01	
20	QPSK	50	0	21.08	21.08	21.06	21.2
20	QPSK	50	28	21.16	21.16	21.17	21.2
20	QPSK	50	56	21.04	21.10	21.10	21.2
20	QPSK	100	0	21.11	21.19	21.13	
20	16QAM	1	1	21.10	21.14	21.08	21.2
20	64QAM	1	1	21.11	21.16	21.14	21.2
20	256QAM	1	1	18.26	18.28	18.29	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.05	21.01	21.12	21.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.97	21.03	21.11	21.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.00	20.96	21.10	21.2



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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				372000	376000	380000	25.7
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.50	24.43	24.15	
20	PI/2 BPSK	1	53	24.58	24.50	24.32	25.2
20	PI/2 BPSK	1	104	24.42	24.38	24.15	
20	PI/2 BPSK	50	0	24.00	23.95	23.75	25.2
20	PI/2 BPSK	50	28	24.40	24.40	24.14	25.7
20	PI/2 BPSK	50	56	23.94	23.87	23.68	25.2
20	PI/2 BPSK	100	0	23.94	23.90	23.68	
20	QPSK	1	1	24.43	24.45	24.27	25.7
20	QPSK	1	53	24.50	24.49	24.29	
20	QPSK	1	104	24.44	24.40	24.18	
20	QPSK	50	0	22.04	21.97	21.79	23.7
20	QPSK	50	28	24.47	24.41	24.21	25.7
20	QPSK	50	56	21.91	21.90	21.77	23.7
20	QPSK	100	0	21.92	21.91	21.77	
20	16QAM	1	1	23.46	23.46	23.21	23.7
20	64QAM	1	1	21.98	21.90	21.62	23.2
20	256QAM	1	1	17.90	17.92	17.98	19.2
Channel				371500	376000	380500	25.7
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.43	24.34	23.97	
Channel				371000	376000	381000	25.7
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.43	24.43	23.95	
Channel				370500	376000	381500	25.7
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.46	24.42	24.00	



<FR1 n2 Ant 0 TX1 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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.50	24.43	24.15	25.7
20	PI/2 BPSK	1	53	24.58	24.50	24.32	
20	PI/2 BPSK	1	104	24.42	24.38	24.15	
20	PI/2 BPSK	50	0	24.00	23.95	23.75	25.2
20	PI/2 BPSK	50	28	24.40	24.40	24.14	25.7
20	PI/2 BPSK	50	56	23.94	23.87	23.68	25.2
20	PI/2 BPSK	100	0	23.94	23.90	23.68	
20	QPSK	1	1	24.43	24.45	24.27	25.7
20	QPSK	1	53	24.50	24.49	24.29	
20	QPSK	1	104	24.44	24.40	24.18	
20	QPSK	50	0	22.04	21.97	21.79	23.7
20	QPSK	50	28	24.47	24.41	24.21	25.7
20	QPSK	50	56	21.91	21.90	21.77	23.7
20	QPSK	100	0	21.92	21.91	21.77	
20	16QAM	1	1	23.46	23.46	23.21	23.7
20	64QAM	1	1	21.98	21.90	21.62	23.2
20	256QAM	1	1	17.90	17.92	17.98	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.43	24.34	23.97	25.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.43	24.43	23.95	25.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.46	24.42	24.00	25.7



<FR1 n2 Ant 0 TX1 Index 5/6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	25.7
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.50	24.43	24.15	25.7
20	PI/2 BPSK	1	53	24.58	24.50	24.32	
20	PI/2 BPSK	1	104	24.42	24.38	24.15	
20	PI/2 BPSK	50	0	24.00	23.95	23.75	25.2
20	PI/2 BPSK	50	28	24.40	24.40	24.14	25.7
20	PI/2 BPSK	50	56	23.94	23.87	23.68	25.2
20	PI/2 BPSK	100	0	23.94	23.90	23.68	
20	QPSK	1	1	24.43	24.45	24.27	25.7
20	QPSK	1	53	24.50	24.49	24.29	
20	QPSK	1	104	24.44	24.40	24.18	
20	QPSK	50	0	22.04	21.97	21.79	23.7
20	QPSK	50	28	24.47	24.41	24.21	25.7
20	QPSK	50	56	21.91	21.90	21.77	23.7
20	QPSK	100	0	21.92	21.91	21.77	
20	16QAM	1	1	23.46	23.46	23.21	23.7
20	64QAM	1	1	21.98	21.90	21.62	23.2
20	256QAM	1	1	17.90	17.92	17.98	19.2
Channel				371500	376000	380500	25.7
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.43	24.34	23.97	25.7
Channel				371000	376000	381000	25.7
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.43	24.43	23.95	25.7
Channel				370500	376000	381500	25.7
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.46	24.42	24.00	25.7



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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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.50	24.43	24.15	25.7
20	PI/2 BPSK	1	53	24.58	24.50	24.32	
20	PI/2 BPSK	1	104	24.42	24.38	24.15	
20	PI/2 BPSK	50	0	24.00	23.95	23.75	25.2
20	PI/2 BPSK	50	28	24.40	24.40	24.14	25.7
20	PI/2 BPSK	50	56	23.94	23.87	23.68	25.2
20	PI/2 BPSK	100	0	23.94	23.90	23.68	
20	QPSK	1	1	24.43	24.45	24.27	25.7
20	QPSK	1	53	24.50	24.49	24.29	
20	QPSK	1	104	24.44	24.40	24.18	
20	QPSK	50	0	22.04	21.97	21.79	23.7
20	QPSK	50	28	24.47	24.41	24.21	25.7
20	QPSK	50	56	21.91	21.90	21.77	23.7
20	QPSK	100	0	21.92	21.91	21.77	
20	16QAM	1	1	23.46	23.46	23.21	23.7
20	64QAM	1	1	21.98	21.90	21.62	23.2
20	256QAM	1	1	17.90	17.92	17.98	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.43	24.34	23.97	25.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.43	24.43	23.95	25.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.46	24.42	24.00	25.7



<FR1 n2 Ant 0 TX1 Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.10	23.02	22.77	23.7
20	PI/2 BPSK	1	53	23.19	23.05	22.84	
20	PI/2 BPSK	1	104	22.97	22.92	22.63	
20	PI/2 BPSK	50	0	23.05	22.98	22.71	23.7
20	PI/2 BPSK	50	28	23.17	23.04	22.78	23.7
20	PI/2 BPSK	50	56	23.04	22.92	22.66	23.7
20	PI/2 BPSK	100	0	23.09	23.00	22.70	
20	QPSK	1	1	23.10	23.02	22.72	23.7
20	QPSK	1	53	23.10	23.03	22.81	
20	QPSK	1	104	22.95	22.90	22.67	
20	QPSK	50	0	23.00	22.91	22.62	23.7
20	QPSK	50	28	23.11	22.98	22.69	23.7
20	QPSK	50	56	23.02	22.90	22.64	23.7
20	QPSK	100	0	23.06	22.98	22.75	
20	16QAM	1	1	23.10	23.04	22.77	23.7
20	64QAM	1	1	22.21	22.07	21.82	23.2
20	256QAM	1	1	18.22	18.11	17.84	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.01	22.99	22.59	23.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.90	22.89	22.63	23.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.92	22.88	22.74	23.7



<FR1 n2 Ant 0 TX1 Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.10	23.02	22.77	24.5
20	PI/2 BPSK	1	53	23.19	23.05	22.84	
20	PI/2 BPSK	1	104	22.97	22.92	22.63	
20	PI/2 BPSK	50	0	23.05	22.98	22.71	24.5
20	PI/2 BPSK	50	28	23.17	23.04	22.78	24.5
20	PI/2 BPSK	50	56	23.04	22.92	22.66	24.5
20	PI/2 BPSK	100	0	23.09	23.00	22.70	
20	QPSK	1	1	23.10	23.02	22.72	24.5
20	QPSK	1	53	23.10	23.03	22.81	
20	QPSK	1	104	22.95	22.90	22.67	
20	QPSK	50	0	23.00	22.91	22.62	24.5
20	QPSK	50	28	23.11	22.98	22.69	24.5
20	QPSK	50	56	23.02	22.90	22.64	24.5
20	QPSK	100	0	23.06	22.98	22.75	
20	16QAM	1	1	23.10	23.04	22.77	24.5
20	64QAM	1	1	22.21	22.07	21.82	23.2
20	256QAM	1	1	18.22	18.11	17.84	19.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.01	22.99	22.59	24.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.90	22.89	22.63	24.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.92	22.88	22.74	24.5



<FR1 n2 Ant 0 TX1 Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	23.7
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.10	23.02	22.77	23.7
20	PI/2 BPSK	1	53	23.19	23.05	22.84	
20	PI/2 BPSK	1	104	22.97	22.92	22.63	
20	PI/2 BPSK	50	0	23.05	22.98	22.71	23.7
20	PI/2 BPSK	50	28	23.17	23.04	22.78	23.7
20	PI/2 BPSK	50	56	23.04	22.92	22.66	23.7
20	PI/2 BPSK	100	0	23.09	23.00	22.70	
20	QPSK	1	1	23.10	23.02	22.72	23.7
20	QPSK	1	53	23.10	23.03	22.81	
20	QPSK	1	104	22.95	22.90	22.67	
20	QPSK	50	0	23.00	22.91	22.62	23.7
20	QPSK	50	28	23.11	22.98	22.69	23.7
20	QPSK	50	56	23.02	22.90	22.64	23.7
20	QPSK	100	0	23.06	22.98	22.75	
20	16QAM	1	1	23.10	23.04	22.77	23.7
20	64QAM	1	1	22.21	22.07	21.82	23.2
20	256QAM	1	1	18.22	18.11	17.84	19.2
Channel				371500	376000	380500	23.7
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.01	22.99	22.59	23.7
Channel				371000	376000	381000	23.7
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.90	22.89	22.63	23.7
Channel				370500	376000	381500	23.7
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.92	22.88	22.74	23.7



<FR1 n2 Ant 1 Sub TX0 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				372000	376000	380000	18.3
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.03	17.24	16.97	18.3
20	PI/2 BPSK	1	53	17.48	17.50	17.39	
20	PI/2 BPSK	1	104	17.23	17.31	17.19	
20	PI/2 BPSK	50	0	17.13	17.34	17.19	18.3
20	PI/2 BPSK	50	28	17.24	17.38	17.20	18.3
20	PI/2 BPSK	50	56	17.21	17.36	17.19	18.3
20	PI/2 BPSK	100	0	17.07	17.32	17.12	
20	QPSK	1	1	17.12	17.21	17.01	18.3
20	QPSK	1	53	17.23	17.47	17.29	
20	QPSK	1	104	17.20	17.47	17.25	
20	QPSK	50	0	17.21	17.47	17.15	18.3
20	QPSK	50	28	17.33	17.41	17.27	18.3
20	QPSK	50	56	17.17	17.32	17.10	18.3
20	QPSK	100	0	17.07	17.31	17.11	
20	16QAM	1	1	17.30	17.38	17.26	18.3
20	64QAM	1	1	17.08	17.29	17.13	18.3
20	256QAM	1	1	17.25	17.35	17.20	18.3
Channel				371500	376000	380500	18.3
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.94	17.14	16.84	18.3
Channel				371000	376000	381000	18.3
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.83	17.11	16.80	18.3
Channel				370500	376000	381500	18.3
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.83	17.20	16.83	18.3



<FR1 n2 Ant 1 Sub TX0 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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.03	17.24	16.97	17.5
20	PI/2 BPSK	1	53	17.48	17.50	17.39	
20	PI/2 BPSK	1	104	17.23	17.31	17.19	
20	PI/2 BPSK	50	0	17.13	17.34	17.19	17.5
20	PI/2 BPSK	50	28	17.24	17.38	17.20	17.5
20	PI/2 BPSK	50	56	17.21	17.36	17.19	17.5
20	PI/2 BPSK	100	0	17.07	17.32	17.12	
20	QPSK	1	1	17.12	17.21	17.01	17.5
20	QPSK	1	53	17.23	17.47	17.29	
20	QPSK	1	104	17.20	17.47	17.25	
20	QPSK	50	0	17.21	17.47	17.15	17.5
20	QPSK	50	28	17.33	17.41	17.27	17.5
20	QPSK	50	56	17.17	17.32	17.10	17.5
20	QPSK	100	0	17.07	17.31	17.11	
20	16QAM	1	1	17.30	17.38	17.26	17.5
20	64QAM	1	1	17.08	17.29	17.13	17.5
20	256QAM	1	1	17.25	17.35	17.20	17.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.94	17.14	16.84	17.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.83	17.11	16.80	17.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.83	17.20	16.83	17.5



<FR1 n2 Ant 1 Sub TX0 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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.13	21.29	21.06	22.2
20	PI/2 BPSK	1	53	21.48	21.60	21.46	
20	PI/2 BPSK	1	104	21.26	21.41	21.26	
20	PI/2 BPSK	50	0	21.23	21.41	21.24	22.2
20	PI/2 BPSK	50	28	21.28	21.47	21.25	22.2
20	PI/2 BPSK	50	56	21.26	21.45	21.25	22.2
20	PI/2 BPSK	100	0	21.15	21.34	21.18	
20	QPSK	1	1	21.16	21.31	21.07	22.2
20	QPSK	1	53	21.29	21.49	21.30	
20	QPSK	1	104	21.30	21.47	21.29	
20	QPSK	50	0	21.28	21.47	21.23	22.2
20	QPSK	50	28	21.36	21.49	21.29	22.2
20	QPSK	50	56	21.19	21.37	21.14	22.2
20	QPSK	100	0	21.14	21.35	21.15	
20	16QAM	1	1	21.34	21.47	21.29	22.2
20	64QAM	1	1	21.16	21.37	21.22	22.2
20	256QAM	1	1	20.30	20.44	20.27	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.12	21.24	20.96	22.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.02	21.14	20.99	22.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.03	21.29	21.00	22.2



<FR1 n2 Ant 1 Sub TX0 Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.29	22.35	22.22	23.3
20	PI/2 BPSK	1	53	22.46	22.50	22.45	
20	PI/2 BPSK	1	104	22.32	22.36	22.28	
20	PI/2 BPSK	50	0	22.27	22.36	22.26	23.3
20	PI/2 BPSK	50	28	22.34	22.42	22.28	23.3
20	PI/2 BPSK	50	56	22.32	22.39	22.25	23.3
20	PI/2 BPSK	100	0	22.24	22.35	22.24	
20	QPSK	1	1	22.26	22.37	22.26	23.3
20	QPSK	1	53	22.41	22.49	22.39	
20	QPSK	1	104	22.34	22.39	22.34	
20	QPSK	50	0	22.35	22.40	22.28	23.3
20	QPSK	50	28	22.35	22.43	22.30	23.3
20	QPSK	50	56	22.31	22.41	22.34	23.3
20	QPSK	100	0	22.35	22.40	22.35	
20	16QAM	1	1	22.32	22.39	22.31	23.3
20	64QAM	1	1	22.17	22.30	22.19	23.2
20	256QAM	1	1	20.35	20.42	20.35	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.21	22.33	22.07	23.3
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.25	22.23	22.02	23.3
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.22	22.26	22.09	23.3



<FR1 n2 Ant 1 Sub TX0 Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.29	22.35	22.22	22.5
20	PI/2 BPSK	1	53	22.46	22.50	22.45	
20	PI/2 BPSK	1	104	22.32	22.36	22.28	
20	PI/2 BPSK	50	0	22.27	22.36	22.31	22.5
20	PI/2 BPSK	50	28	22.34	22.42	22.28	22.5
20	PI/2 BPSK	50	56	22.32	22.39	22.25	22.5
20	PI/2 BPSK	100	0	22.24	22.35	22.24	
20	QPSK	1	1	22.26	22.37	22.26	22.5
20	QPSK	1	53	22.41	22.49	22.39	
20	QPSK	1	104	22.34	22.39	22.34	
20	QPSK	50	0	22.35	22.40	22.28	22.5
20	QPSK	50	28	22.35	22.43	22.30	22.5
20	QPSK	50	56	22.31	22.41	22.34	22.5
20	QPSK	100	0	22.35	22.40	22.35	
20	16QAM	1	1	22.32	22.39	22.31	22.5
20	64QAM	1	1	22.17	22.30	22.19	22.5
20	256QAM	1	1	20.35	20.42	20.35	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.21	22.33	22.07	22.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.25	22.23	22.02	22.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.22	22.26	22.09	22.5



<FR1 n2 Ant 1 Sub TX0 Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.17	17.32	17.29	18.9
20	PI/2 BPSK	1	53	17.43	17.50	17.49	
20	PI/2 BPSK	1	104	17.29	17.35	17.36	
20	PI/2 BPSK	50	0	17.27	17.33	17.27	18.9
20	PI/2 BPSK	50	28	17.32	17.38	17.29	18.9
20	PI/2 BPSK	50	56	17.28	17.36	17.28	18.9
20	PI/2 BPSK	100	0	17.28	17.35	17.27	
20	QPSK	1	1	17.26	17.33	17.32	18.9
20	QPSK	1	53	17.33	17.48	17.40	
20	QPSK	1	104	17.30	17.36	17.30	
20	QPSK	50	0	17.18	17.33	17.24	18.9
20	QPSK	50	28	17.23	17.37	17.28	18.9
20	QPSK	50	56	17.33	17.40	17.39	18.9
20	QPSK	100	0	17.28	17.36	17.36	
20	16QAM	1	1	17.21	17.36	17.34	18.9
20	64QAM	1	1	17.15	17.28	17.23	18.9
20	256QAM	1	1	17.13	17.28	17.21	18.9
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.17	17.16	17.11	18.9
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.05	17.22	17.13	18.9
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.97	17.13	17.16	18.9



<FR1 n2 Ant 1 Sub TX0 Index 8>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	18.1
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.17	17.32	17.29	
20	PI/2 BPSK	1	53	17.43	17.50	17.49	18.1
20	PI/2 BPSK	1	104	17.29	17.35	17.36	
20	PI/2 BPSK	50	0	17.27	17.33	17.27	18.1
20	PI/2 BPSK	50	28	17.32	17.38	17.29	18.1
20	PI/2 BPSK	50	56	17.28	17.36	17.28	18.1
20	PI/2 BPSK	100	0	17.28	17.35	17.27	
20	QPSK	1	1	17.26	17.33	17.32	18.1
20	QPSK	1	53	17.33	17.48	17.40	
20	QPSK	1	104	17.30	17.36	17.30	
20	QPSK	50	0	17.18	17.33	17.24	18.1
20	QPSK	50	28	17.23	17.37	17.28	18.1
20	QPSK	50	56	17.33	17.40	17.39	18.1
20	QPSK	100	0	17.28	17.36	17.36	
20	16QAM	1	1	17.21	17.36	17.34	18.1
20	64QAM	1	1	17.15	17.28	17.23	18.1
20	256QAM	1	1	17.13	17.28	17.21	18.1
Channel				371500	376000	380500	18.1
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.17	17.16	17.11	
Channel				371000	376000	381000	18.1
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.05	17.22	17.13	
Channel				370500	376000	381500	18.1
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.97	17.13	17.16	



<FR1 n2 Ant 1 Sub TX0 Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	23.0
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.15	22.33	22.27	
20	PI/2 BPSK	1	53	22.44	22.53	22.52	23.0
20	PI/2 BPSK	1	104	22.18	22.35	22.26	
20	PI/2 BPSK	50	0	22.23	22.36	22.31	23.0
20	PI/2 BPSK	50	28	22.25	22.39	22.36	23.0
20	PI/2 BPSK	50	56	22.23	22.37	22.35	23.0
20	PI/2 BPSK	100	0	22.23	22.39	22.28	
20	QPSK	1	1	22.28	22.37	22.34	23.0
20	QPSK	1	53	22.37	22.50	22.39	
20	QPSK	1	104	22.15	22.31	22.24	
20	QPSK	50	0	22.16	22.30	22.24	23.0
20	QPSK	50	28	22.17	22.33	22.31	23.0
20	QPSK	50	56	22.12	22.28	22.22	23.0
20	QPSK	100	0	22.16	22.27	22.16	
20	16QAM	1	1	22.28	22.38	22.31	23.0
20	64QAM	1	1	22.31	22.42	22.35	23.0
20	256QAM	1	1	20.24	20.42	20.34	21.2
Channel				371500	376000	380500	23.0
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.09	22.29	22.09	23.0
Channel				371000	376000	381000	23.0
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.11	22.19	22.27	23.0
Channel				370500	376000	381500	23.0
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.00	22.15	22.12	23.0



<FR1 n2 Ant 1 Sub TX0 Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.15	22.33	22.27	23.8
20	PI/2 BPSK	1	53	22.44	22.53	22.52	
20	PI/2 BPSK	1	104	22.18	22.35	22.26	
20	PI/2 BPSK	50	0	22.23	22.36	22.31	23.8
20	PI/2 BPSK	50	28	22.25	22.39	22.36	23.8
20	PI/2 BPSK	50	56	22.23	22.37	22.35	23.8
20	PI/2 BPSK	100	0	22.23	22.39	22.28	
20	QPSK	1	1	22.28	22.37	22.34	23.8
20	QPSK	1	53	22.37	22.50	22.39	
20	QPSK	1	104	22.15	22.31	22.24	
20	QPSK	50	0	22.16	22.30	22.24	23.7
20	QPSK	50	28	22.17	22.33	22.31	23.8
20	QPSK	50	56	22.12	22.28	22.22	23.7
20	QPSK	100	0	22.16	22.27	22.16	
20	16QAM	1	1	22.28	22.38	22.31	23.7
20	64QAM	1	1	22.31	22.42	22.35	23.2
20	256QAM	1	1	20.24	20.42	20.34	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.09	22.29	22.09	23.8
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.11	22.19	22.27	23.8
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.00	22.15	22.12	23.8



<FR1 n2 Ant 1 Sub TX0 Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.15	22.33	22.27	23.0
20	PI/2 BPSK	1	53	22.44	22.53	22.52	
20	PI/2 BPSK	1	104	22.18	22.35	22.26	
20	PI/2 BPSK	50	0	22.23	22.36	22.31	23.0
20	PI/2 BPSK	50	28	22.25	22.39	22.36	23.0
20	PI/2 BPSK	50	56	22.23	22.37	22.35	23.0
20	PI/2 BPSK	100	0	22.23	22.39	22.28	
20	QPSK	1	1	22.28	22.37	22.34	23.0
20	QPSK	1	53	22.37	22.50	22.39	
20	QPSK	1	104	22.15	22.31	22.24	
20	QPSK	50	0	22.16	22.30	22.24	23.0
20	QPSK	50	28	22.17	22.33	22.31	23.0
20	QPSK	50	56	22.12	22.28	22.22	23.0
20	QPSK	100	0	22.16	22.27	22.16	
20	16QAM	1	1	22.28	22.38	22.31	23.0
20	64QAM	1	1	22.31	22.42	22.35	23.0
20	256QAM	1	1	20.24	20.42	20.34	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.09	22.29	22.09	23.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.11	22.19	22.27	23.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.00	22.15	22.12	23.0



<FR1 n2 Ant 5 Sub TX1 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.60	25.02	25.12	25.7
20	PI/2 BPSK	1	53	24.73	25.07	25.24	
20	PI/2 BPSK	1	104	24.61	25.05	25.16	
20	PI/2 BPSK	50	0	24.18	24.59	24.73	25.2
20	PI/2 BPSK	50	28	24.51	24.94	25.03	25.7
20	PI/2 BPSK	50	56	24.13	24.52	24.59	25.2
20	PI/2 BPSK	100	0	24.03	24.44	24.51	
20	QPSK	1	1	24.67	25.03	25.19	25.7
20	QPSK	1	53	24.65	25.06	25.14	
20	QPSK	1	104	23.71	24.09	24.24	
20	QPSK	50	0	23.73	24.12	24.27	24.7
20	QPSK	50	28	24.61	24.95	25.10	25.7
20	QPSK	50	56	23.66	24.02	24.13	24.7
20	QPSK	100	0	23.57	23.95	24.02	
20	16QAM	1	1	23.70	24.14	24.23	24.7
20	64QAM	1	1	22.18	22.53	22.63	23.2
20	256QAM	1	1	20.10	20.54	20.66	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.50	24.89	24.97	25.7
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.50	24.94	24.93	25.7
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.53	24.87	25.06	25.7



<FR1 n2 Ant 5 Sub TX1 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				372000	376000	380000	25.1
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.20	24.19	24.43	
20	PI/2 BPSK	1	53	24.55	24.53	24.82	25.1
20	PI/2 BPSK	1	104	24.41	24.47	24.67	
20	PI/2 BPSK	50	0	24.17	24.23	24.51	25.1
20	PI/2 BPSK	50	28	24.38	24.44	24.73	25.1
20	PI/2 BPSK	50	56	24.29	24.27	24.52	25.1
20	PI/2 BPSK	100	0	24.31	24.38	24.65	
20	QPSK	1	1	24.10	24.16	24.35	25.1
20	QPSK	1	53	24.52	24.52	24.77	
20	QPSK	1	104	24.46	24.45	24.66	
20	QPSK	50	0	24.16	24.16	24.45	24.7
20	QPSK	50	28	24.34	24.38	24.63	25.1
20	QPSK	50	56	24.10	24.08	24.30	24.7
20	QPSK	100	0	23.91	23.99	24.27	
20	16QAM	1	1	24.16	24.18	24.46	24.7
20	64QAM	1	1	22.57	22.58	22.85	23.2
20	256QAM	1	1	20.58	20.61	20.89	21.2
Channel				371500	376000	380500	25.1
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.15	24.11	24.40	25.1
Channel				371000	376000	381000	25.1
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.16	24.13	24.33	25.1
Channel				370500	376000	381500	25.1
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.06	24.07	24.40	25.1



<FR1 n2 Ant 5 Sub TX1 Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	25.7
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.20	24.19	24.43	
20	PI/2 BPSK	1	53	24.55	24.53	24.82	25.2
20	PI/2 BPSK	1	104	24.41	24.47	24.67	
20	PI/2 BPSK	50	0	24.17	24.23	24.51	25.7
20	PI/2 BPSK	50	28	24.38	24.44	24.73	25.2
20	PI/2 BPSK	50	56	24.29	24.27	24.52	
20	PI/2 BPSK	100	0	24.31	24.38	24.65	25.7
20	QPSK	1	1	24.10	24.16	24.35	
20	QPSK	1	53	24.52	24.52	24.77	
20	QPSK	1	104	24.46	24.45	24.66	24.7
20	QPSK	50	0	24.16	24.16	24.45	
20	QPSK	50	28	24.34	24.38	24.63	25.7
20	QPSK	50	56	24.10	24.08	24.30	24.7
20	QPSK	100	0	23.91	23.99	24.27	
20	16QAM	1	1	24.16	24.18	24.46	24.7
20	64QAM	1	1	22.57	22.58	22.85	23.2
20	256QAM	1	1	20.58	20.61	20.89	21.2
Channel				371500	376000	380500	25.7
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.15	24.11	24.40	
Channel				371000	376000	381000	25.7
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.16	24.13	24.33	
Channel				370500	376000	381500	25.7
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.06	24.07	24.40	



<FR1 n2 Ant 5 Sub TX1 Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	25.1
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.20	24.19	24.43	
20	PI/2 BPSK	1	53	24.55	24.53	24.82	25.1
20	PI/2 BPSK	1	104	24.41	24.47	24.67	
20	PI/2 BPSK	50	0	24.17	24.23	24.51	25.1
20	PI/2 BPSK	50	28	24.38	24.44	24.73	25.1
20	PI/2 BPSK	50	56	24.29	24.27	24.52	25.1
20	PI/2 BPSK	100	0	24.31	24.38	24.65	
20	QPSK	1	1	24.10	24.16	24.35	25.1
20	QPSK	1	53	24.52	24.52	24.77	
20	QPSK	1	104	24.46	24.45	24.66	
20	QPSK	50	0	24.16	24.16	24.45	24.7
20	QPSK	50	28	24.34	24.38	24.63	25.1
20	QPSK	50	56	24.10	24.08	24.30	24.7
20	QPSK	100	0	23.91	23.99	24.27	
20	16QAM	1	1	24.16	24.18	24.46	24.7
20	64QAM	1	1	22.57	22.58	22.85	23.2
20	256QAM	1	1	20.58	20.61	20.89	21.2
Channel				371500	376000	380500	25.1
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.15	24.11	24.40	
Channel				371000	376000	381000	25.1
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.16	24.13	24.33	
Channel				370500	376000	381500	25.1
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.06	24.07	24.40	



<FR1 n2 Ant 5 Sub TX1 Index 7/8>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	25.7
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.60	25.02	25.12	
20	PI/2 BPSK	1	53	24.73	25.07	25.24	25.2
20	PI/2 BPSK	1	104	24.61	25.05	25.16	
20	PI/2 BPSK	50	0	24.18	24.59	24.73	25.7
20	PI/2 BPSK	50	28	24.51	24.94	25.03	25.2
20	PI/2 BPSK	50	56	24.13	24.52	24.59	
20	PI/2 BPSK	100	0	24.03	24.44	24.51	25.7
20	QPSK	1	1	24.67	25.03	25.19	
20	QPSK	1	53	24.65	25.06	25.14	
20	QPSK	1	104	23.71	24.09	24.24	24.7
20	QPSK	50	0	23.73	24.12	24.27	
20	QPSK	50	28	24.61	24.95	25.10	25.7
20	QPSK	50	56	23.66	24.02	24.13	24.7
20	QPSK	100	0	23.57	23.95	24.02	
20	16QAM	1	1	23.70	24.14	24.23	24.7
20	64QAM	1	1	22.18	22.53	22.63	23.2
20	256QAM	1	1	20.10	20.54	20.66	21.2
Channel				371500	376000	380500	25.7
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.50	24.89	24.97	
Channel				371000	376000	381000	25.7
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.50	24.94	24.93	
Channel				370500	376000	381500	25.7
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.53	24.87	25.06	



<FR1 n2 Ant 5 Sub TX1 Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	23.8
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.10	23.44	23.57	23.8
20	PI/2 BPSK	1	53	23.14	23.46	23.68	
20	PI/2 BPSK	1	104	22.97	23.36	23.54	
20	PI/2 BPSK	50	0	22.84	23.25	23.44	23.8
20	PI/2 BPSK	50	28	23.07	23.45	23.58	23.8
20	PI/2 BPSK	50	56	23.01	23.41	23.50	23.8
20	PI/2 BPSK	100	0	23.13	23.45	23.63	
20	QPSK	1	1	23.05	23.42	23.59	23.8
20	QPSK	1	53	23.05	23.43	23.60	
20	QPSK	1	104	22.95	23.35	23.51	
20	QPSK	50	0	22.88	23.26	23.43	23.8
20	QPSK	50	28	23.12	23.44	23.57	23.8
20	QPSK	50	56	22.99	23.38	23.51	23.8
20	QPSK	100	0	23.02	23.40	23.59	
20	16QAM	1	1	23.01	23.43	23.57	23.8
20	64QAM	1	1	22.12	22.50	22.71	23.2
20	256QAM	1	1	20.15	20.55	20.77	21.2
Channel				371500	376000	380500	23.8
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.08	23.31	23.45	23.8
Channel				371000	376000	381000	23.8
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.97	23.33	23.52	23.8
Channel				370500	376000	381500	23.8
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.97	23.40	23.38	23.8



<FR1 n2 Ant 5 Sub TX1 Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.10	23.44	23.57	24.6
20	PI/2 BPSK	1	53	23.14	23.46	23.68	
20	PI/2 BPSK	1	104	22.97	23.36	23.54	
20	PI/2 BPSK	50	0	22.84	23.25	23.44	24.6
20	PI/2 BPSK	50	28	23.07	23.45	23.58	24.6
20	PI/2 BPSK	50	56	23.01	23.41	23.55	24.6
20	PI/2 BPSK	100	0	23.13	23.45	23.63	
20	QPSK	1	1	23.05	23.42	23.59	24.6
20	QPSK	1	53	23.05	23.43	23.60	
20	QPSK	1	104	22.95	23.35	23.51	
20	QPSK	50	0	22.88	23.26	23.43	24.6
20	QPSK	50	28	23.12	23.44	23.57	24.6
20	QPSK	50	56	22.99	23.38	23.51	24.6
20	QPSK	100	0	23.02	23.40	23.59	
20	16QAM	1	1	23.01	23.43	23.57	24.6
20	64QAM	1	1	22.12	22.50	22.71	23.2
20	256QAM	1	1	20.15	20.55	20.77	21.2
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.08	23.31	23.45	24.6
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.97	23.33	23.52	24.6
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.97	23.40	23.38	24.6



<FR1 n2 Ant 5 Sub TX1 Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	23.8
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.10	23.44	23.57	23.8
20	PI/2 BPSK	1	53	23.14	23.46	23.68	
20	PI/2 BPSK	1	104	22.97	23.36	23.54	
20	PI/2 BPSK	50	0	22.84	23.25	23.44	23.8
20	PI/2 BPSK	50	28	23.07	23.45	23.58	23.8
20	PI/2 BPSK	50	56	23.01	23.41	23.55	23.8
20	PI/2 BPSK	100	0	23.13	23.45	23.63	
20	QPSK	1	1	23.05	23.42	23.59	23.8
20	QPSK	1	53	23.05	23.43	23.60	
20	QPSK	1	104	22.95	23.35	23.51	
20	QPSK	50	0	22.88	23.26	23.43	23.8
20	QPSK	50	28	23.12	23.44	23.57	23.8
20	QPSK	50	56	22.99	23.38	23.51	23.8
20	QPSK	100	0	23.02	23.40	23.59	
20	16QAM	1	1	23.01	23.43	23.57	23.8
20	64QAM	1	1	22.12	22.50	22.71	23.2
20	256QAM	1	1	20.15	20.55	20.77	21.2
Channel				371500	376000	380500	23.8
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.08	23.31	23.45	23.8
Channel				371000	376000	381000	23.8
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.97	23.33	23.52	23.8
Channel				370500	376000	381500	23.8
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.97	23.40	23.38	23.8



<FR1 n5 Ant 0 TX0 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	Tune-up limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.40	24.39	24.32	25.7
20	PI/2 BPSK	1	53	24.57	24.52	24.55	
20	PI/2 BPSK	1	104	24.43	24.39	24.36	
20	PI/2 BPSK	50	0	23.94	23.89	23.85	25.2
20	PI/2 BPSK	50	28	24.45	24.40	24.38	25.7
20	PI/2 BPSK	50	56	23.95	23.92	23.85	25.2
20	PI/2 BPSK	100	0	23.92	23.89	23.82	
20	QPSK	1	1	24.40	24.40	24.41	25.7
20	QPSK	1	53	24.54	24.50	24.47	
20	QPSK	1	104	24.37	24.40	24.34	
20	QPSK	50	0	23.45	23.40	23.36	24.7
20	QPSK	50	28	24.39	24.38	24.39	25.7
20	QPSK	50	56	23.46	23.41	23.39	24.7
20	QPSK	100	0	23.40	23.38	23.36	
20	16QAM	1	1	23.42	23.42	23.39	24.7
20	64QAM	1	1	21.78	21.82	21.76	23.2
20	256QAM	1	1	19.88	19.83	19.78	21.2
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.30	24.35	24.14	25.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.31	24.38	24.25	25.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.35	24.37	24.30	25.7



<FR1 n5 Ant 0 TX0 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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.40	24.39	24.32	25.7
20	PI/2 BPSK	1	53	24.57	24.52	24.55	
20	PI/2 BPSK	1	104	24.43	24.39	24.36	
20	PI/2 BPSK	50	0	23.94	23.89	23.85	25.2
20	PI/2 BPSK	50	28	24.45	24.40	24.38	25.7
20	PI/2 BPSK	50	56	23.95	23.92	23.85	25.2
20	PI/2 BPSK	100	0	23.92	23.89	23.82	
20	QPSK	1	1	24.40	24.40	24.41	25.7
20	QPSK	1	53	24.54	24.50	24.47	
20	QPSK	1	104	24.37	24.40	24.34	
20	QPSK	50	0	23.45	23.40	23.36	24.7
20	QPSK	50	28	24.39	24.38	24.39	25.7
20	QPSK	50	56	23.46	23.41	23.39	24.7
20	QPSK	100	0	23.40	23.38	23.36	
20	16QAM	1	1	23.42	23.42	23.39	24.7
20	64QAM	1	1	21.78	21.82	21.76	23.2
20	256QAM	1	1	19.88	19.83	19.78	21.2
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.30	24.35	24.14	25.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.31	24.38	24.25	25.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.35	24.37	24.30	25.7



<FR1 n5 Ant 0 TX0 Index 5/6>

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	25.7
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.40	24.39	24.32	25.7
20	PI/2 BPSK	1	53	24.57	24.52	24.55	
20	PI/2 BPSK	1	104	24.43	24.39	24.36	
20	PI/2 BPSK	50	0	23.94	23.89	23.85	25.2
20	PI/2 BPSK	50	28	24.45	24.40	24.38	25.7
20	PI/2 BPSK	50	56	23.95	23.92	23.85	25.2
20	PI/2 BPSK	100	0	23.92	23.89	23.82	
20	QPSK	1	1	24.40	24.40	24.41	25.7
20	QPSK	1	53	24.54	24.50	24.47	
20	QPSK	1	104	24.37	24.40	24.34	
20	QPSK	50	0	23.45	23.40	23.36	24.7
20	QPSK	50	28	24.39	24.38	24.39	25.7
20	QPSK	50	56	23.46	23.41	23.39	24.7
20	QPSK	100	0	23.40	23.38	23.36	
20	16QAM	1	1	23.42	23.42	23.39	24.7
20	64QAM	1	1	21.78	21.82	21.76	23.2
20	256QAM	1	1	19.88	19.83	19.78	21.2
Channel				166300	167300	168300	25.7
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.30	24.35	24.14	25.7
Channel				165800	167300	168800	25.7
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.31	24.38	24.25	25.7
Channel				165300	167300	169300	25.7
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.35	24.37	24.30	25.7



<FR1 n5 Ant 0 TX0 Index 7/8>

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	25.7
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.40	24.39	24.32	25.7
20	PI/2 BPSK	1	53	24.57	24.52	24.55	
20	PI/2 BPSK	1	104	24.43	24.39	24.36	
20	PI/2 BPSK	50	0	23.94	23.89	23.85	25.2
20	PI/2 BPSK	50	28	24.45	24.40	24.38	25.7
20	PI/2 BPSK	50	56	23.95	23.92	23.85	25.2
20	PI/2 BPSK	100	0	23.92	23.89	23.82	
20	QPSK	1	1	24.40	24.40	24.41	25.7
20	QPSK	1	53	24.54	24.50	24.47	
20	QPSK	1	104	24.37	24.40	24.34	
20	QPSK	50	0	23.45	23.40	23.36	24.7
20	QPSK	50	28	24.39	24.38	24.39	25.7
20	QPSK	50	56	23.46	23.41	23.39	24.7
20	QPSK	100	0	23.40	23.38	23.36	
20	16QAM	1	1	23.42	23.42	23.39	24.7
20	64QAM	1	1	21.78	21.82	21.76	23.2
20	256QAM	1	1	19.88	19.83	19.78	21.2
Channel				166300	167300	168300	25.7
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.30	24.35	24.14	25.7
Channel				165800	167300	168800	25.7
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.31	24.38	24.25	25.7
Channel				165300	167300	169300	25.7
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.35	24.37	24.30	25.7



<FR1 n5 Ant 0 TX0 Index 9>

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	25.7
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.40	24.39	24.32	25.7
20	PI/2 BPSK	1	53	24.57	24.52	24.55	
20	PI/2 BPSK	1	104	24.43	24.39	24.36	
20	PI/2 BPSK	50	0	23.94	23.89	23.85	25.2
20	PI/2 BPSK	50	28	24.45	24.40	24.38	25.7
20	PI/2 BPSK	50	56	23.95	23.92	23.85	25.2
20	PI/2 BPSK	100	0	23.92	23.89	23.82	
20	QPSK	1	1	24.40	24.40	24.41	25.7
20	QPSK	1	53	24.54	24.50	24.47	
20	QPSK	1	104	24.37	24.40	24.34	
20	QPSK	50	0	23.45	23.40	23.36	24.7
20	QPSK	50	28	24.39	24.38	24.39	25.7
20	QPSK	50	56	23.46	23.41	23.39	24.7
20	QPSK	100	0	23.40	23.38	23.36	
20	16QAM	1	1	23.42	23.42	23.39	24.7
20	64QAM	1	1	21.78	21.82	21.76	23.2
20	256QAM	1	1	19.88	19.83	19.78	21.2
Channel				166300	167300	168300	25.7
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.30	24.35	24.14	25.7
Channel				165800	167300	168800	25.7
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.31	24.38	24.25	25.7
Channel				165300	167300	169300	25.7
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.35	24.37	24.30	25.7



<FR1 n5 Ant 0 TX0 Index 10/11>

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	25.7
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.40	24.39	24.32	25.7
20	PI/2 BPSK	1	53	24.57	24.52	24.55	
20	PI/2 BPSK	1	104	24.43	24.39	24.36	
20	PI/2 BPSK	50	0	23.94	23.89	23.85	25.2
20	PI/2 BPSK	50	28	24.45	24.40	24.38	25.7
20	PI/2 BPSK	50	56	23.95	23.92	23.85	25.2
20	PI/2 BPSK	100	0	23.92	23.89	23.82	
20	QPSK	1	1	24.40	24.40	24.41	25.7
20	QPSK	1	53	24.54	24.50	24.47	
20	QPSK	1	104	24.37	24.40	24.34	
20	QPSK	50	0	23.45	23.40	23.36	24.7
20	QPSK	50	28	24.39	24.38	24.39	25.7
20	QPSK	50	56	23.46	23.41	23.39	24.7
20	QPSK	100	0	23.40	23.38	23.36	
20	16QAM	1	1	23.42	23.42	23.39	24.7
20	64QAM	1	1	21.78	21.82	21.76	23.2
20	256QAM	1	1	19.88	19.83	19.78	21.2
Channel				166300	167300	168300	25.7
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.30	24.35	24.14	25.7
Channel				165800	167300	168800	25.7
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.31	24.38	24.25	25.7
Channel				165300	167300	169300	25.7
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.35	24.37	24.30	25.7



<FR1 n5 Ant 1 TX1 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	25.7
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.43	24.28	24.33	25.7
20	PI/2 BPSK	1	53	24.70	24.52	24.60	
20	PI/2 BPSK	1	104	24.53	24.38	24.36	
20	PI/2 BPSK	50	0	23.97	23.86	23.94	25.2
20	PI/2 BPSK	50	28	24.55	24.38	24.43	25.7
20	PI/2 BPSK	50	56	24.18	24.04	24.03	25.2
20	PI/2 BPSK	100	0	23.99	23.89	23.94	
20	QPSK	1	1	24.43	24.26	24.24	25.7
20	QPSK	1	53	24.69	24.51	24.53	
20	QPSK	1	104	24.52	24.41	24.49	
20	QPSK	50	0	23.50	23.39	23.40	24.7
20	QPSK	50	28	24.51	24.40	24.41	25.7
20	QPSK	50	56	23.63	23.55	23.56	24.7
20	QPSK	100	0	23.48	23.40	23.48	
20	16QAM	1	1	23.45	23.30	23.30	24.7
20	64QAM	1	1	21.85	21.70	21.75	23.2
20	256QAM	1	1	19.79	19.71	19.71	21.2
Channel				166300	167300	168300	25.7
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.37	24.23	24.22	25.7
Channel				165800	167300	168800	25.7
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.29	24.14	24.32	25.7
Channel				165300	167300	169300	25.7
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.30	24.12	24.33	25.7



<FR1 n5 Ant 1 TX1 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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.43	24.28	24.33	25.7
20	PI/2 BPSK	1	53	24.70	24.52	24.60	
20	PI/2 BPSK	1	104	24.53	24.38	24.36	
20	PI/2 BPSK	50	0	23.97	23.86	23.94	25.2
20	PI/2 BPSK	50	28	24.55	24.38	24.43	25.7
20	PI/2 BPSK	50	56	24.18	24.04	24.03	25.2
20	PI/2 BPSK	100	0	23.99	23.89	23.94	
20	QPSK	1	1	24.43	24.26	24.24	25.7
20	QPSK	1	53	24.69	24.51	24.53	
20	QPSK	1	104	24.52	24.41	24.49	
20	QPSK	50	0	23.50	23.39	23.40	24.7
20	QPSK	50	28	24.51	24.40	24.41	25.7
20	QPSK	50	56	23.63	23.55	23.56	24.7
20	QPSK	100	0	23.48	23.40	23.48	
20	16QAM	1	1	23.45	23.30	23.30	24.7
20	64QAM	1	1	21.85	21.70	21.75	23.2
20	256QAM	1	1	19.79	19.71	19.71	21.2
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.37	24.23	24.22	25.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.29	24.14	24.32	25.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.30	24.12	24.33	25.7



<FR1 n5 Ant 1 TX1 Index 5/6>

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	25.7
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.43	24.28	24.33	25.7
20	PI/2 BPSK	1	53	24.70	24.52	24.60	
20	PI/2 BPSK	1	104	24.53	24.38	24.36	
20	PI/2 BPSK	50	0	23.97	23.86	23.94	25.2
20	PI/2 BPSK	50	28	24.55	24.38	24.43	25.7
20	PI/2 BPSK	50	56	24.18	24.04	24.03	25.2
20	PI/2 BPSK	100	0	23.99	23.89	23.94	
20	QPSK	1	1	24.43	24.26	24.24	25.7
20	QPSK	1	53	24.69	24.51	24.53	
20	QPSK	1	104	24.52	24.41	24.49	
20	QPSK	50	0	23.50	23.39	23.40	24.7
20	QPSK	50	28	24.51	24.40	24.41	25.7
20	QPSK	50	56	23.63	23.55	23.56	24.7
20	QPSK	100	0	23.48	23.40	23.48	
20	16QAM	1	1	23.45	23.30	23.30	24.7
20	64QAM	1	1	21.85	21.70	21.75	23.2
20	256QAM	1	1	19.79	19.71	19.71	21.2
Channel				166300	167300	168300	25.7
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.37	24.23	24.22	25.7
Channel				165800	167300	168800	25.7
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.29	24.14	24.32	25.7
Channel				165300	167300	169300	25.7
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.30	24.12	24.33	25.7



<FR1 n5 Ant 1 TX1 Index 7>

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	23.1
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.92	21.81	21.81	23.1
20	PI/2 BPSK	1	53	22.21	22.03	22.09	
20	PI/2 BPSK	1	104	22.05	21.90	21.95	
20	PI/2 BPSK	50	0	22.03	21.89	21.91	23.1
20	PI/2 BPSK	50	28	22.07	21.90	21.89	23.1
20	PI/2 BPSK	50	56	22.01	21.88	21.87	23.1
20	PI/2 BPSK	100	0	22.03	21.91	21.94	
20	QPSK	1	1	21.91	21.81	21.77	23.1
20	QPSK	1	53	22.17	22.02	22.06	
20	QPSK	1	104	22.01	21.91	21.89	
20	QPSK	50	0	21.97	21.88	21.90	23.1
20	QPSK	50	28	22.00	21.90	21.92	23.1
20	QPSK	50	56	21.97	21.88	21.94	23.1
20	QPSK	100	0	22.01	21.89	21.95	
20	16QAM	1	1	21.93	21.82	21.86	23.1
20	64QAM	1	1	21.83	21.72	21.68	23.1
20	256QAM	1	1	20.11	19.95	20.00	21.2
Channel				166300	167300	168300	23.1
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.88	21.64	21.72	23.1
Channel				165800	167300	168800	23.1
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.89	21.72	21.67	23.1
Channel				165300	167300	169300	23.1
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.76	21.67	21.61	23.1



<FR1 n5 Ant 1 TX1 Index 8>

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	22.3
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.92	21.81	21.81	22.3
20	PI/2 BPSK	1	53	22.21	22.03	22.09	
20	PI/2 BPSK	1	104	22.05	21.90	21.95	
20	PI/2 BPSK	50	0	22.03	21.89	21.91	22.3
20	PI/2 BPSK	50	28	22.07	21.90	21.89	22.3
20	PI/2 BPSK	50	56	22.01	21.88	21.87	22.3
20	PI/2 BPSK	100	0	22.03	21.91	21.94	
20	QPSK	1	1	21.91	21.81	21.77	22.3
20	QPSK	1	53	22.17	22.02	22.06	
20	QPSK	1	104	22.01	21.91	21.89	
20	QPSK	50	0	21.97	21.88	21.90	22.3
20	QPSK	50	28	22.00	21.90	21.92	22.3
20	QPSK	50	56	21.97	21.88	21.94	22.3
20	QPSK	100	0	22.01	21.89	21.95	
20	16QAM	1	1	21.93	21.82	21.86	22.3
20	64QAM	1	1	21.83	21.72	21.68	22.3
20	256QAM	1	1	20.11	19.95	20.00	21.2
Channel				166300	167300	168300	22.3
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.88	21.64	21.72	22.3
Channel				165800	167300	168800	22.3
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.89	21.72	21.67	22.3
Channel				165300	167300	169300	22.3
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.76	21.67	21.61	22.3



<FR1 n5 Ant 1 TX1 Index 9>

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	24.43	24.28	24.33	25.7
20	PI/2 BPSK	1	53	24.70	24.52	24.60	
20	PI/2 BPSK	1	104	24.53	24.38	24.36	
20	PI/2 BPSK	50	0	23.97	23.86	23.94	25.2
20	PI/2 BPSK	50	28	24.55	24.38	24.43	25.7
20	PI/2 BPSK	50	56	24.18	24.04	24.03	25.2
20	PI/2 BPSK	100	0	23.99	23.89	23.94	
20	QPSK	1	1	24.43	24.26	24.24	25.7
20	QPSK	1	53	24.69	24.51	24.53	
20	QPSK	1	104	24.52	24.41	24.49	
20	QPSK	50	0	23.50	23.39	23.40	24.7
20	QPSK	50	28	24.51	24.40	24.41	25.7
20	QPSK	50	56	23.63	23.55	23.56	24.7
20	QPSK	100	0	23.48	23.40	23.48	
20	16QAM	1	1	23.45	23.30	23.30	24.7
20	64QAM	1	1	21.85	21.70	21.75	23.2
20	256QAM	1	1	19.79	19.71	19.71	21.2
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.37	24.23	24.22	25.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.29	24.14	24.32	25.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.30	24.12	24.33	25.7



<FR1 n5 Ant 1 TX1 Index 10/11>

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	Tune-up limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.43	24.28	24.33	25.7
20	PI/2 BPSK	1	53	24.70	24.52	24.60	
20	PI/2 BPSK	1	104	24.53	24.38	24.36	
20	PI/2 BPSK	50	0	23.97	23.86	23.94	25.2
20	PI/2 BPSK	50	28	24.55	24.38	24.43	25.7
20	PI/2 BPSK	50	56	24.18	24.04	24.03	25.2
20	PI/2 BPSK	100	0	23.99	23.89	23.94	
20	QPSK	1	1	24.43	24.26	24.24	25.7
20	QPSK	1	53	24.69	24.51	24.53	
20	QPSK	1	104	24.52	24.41	24.49	
20	QPSK	50	0	23.50	23.39	23.40	24.7
20	QPSK	50	28	24.51	24.40	24.41	25.7
20	QPSK	50	56	23.63	23.55	23.56	24.7
20	QPSK	100	0	23.48	23.40	23.48	
20	16QAM	1	1	23.45	23.30	23.30	24.7
20	64QAM	1	1	21.85	21.70	21.75	23.2
20	256QAM	1	1	19.79	19.71	19.71	21.2
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.37	24.23	24.22	25.7
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.29	24.14	24.32	25.7
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.30	24.12	24.33	25.7



<FR1 n7 Ant 2 TX0 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.90	25.03	24.95	25.7
50	PI/2 BPSK	1	135	24.67	24.84	24.68	
50	PI/2 BPSK	1	268	24.85	24.98	24.88	
50	PI/2 BPSK	135	0	24.14	24.31	24.15	25.2
50	PI/2 BPSK	135	68	24.49	24.72	24.60	25.7
50	PI/2 BPSK	135	135	24.05	24.28	24.18	25.2
50	PI/2 BPSK	270	0	24.02	24.22	24.06	
50	QPSK	1	1	24.83	25.02	24.90	25.7
50	QPSK	1	135	24.61	24.81	24.65	
50	QPSK	1	268	24.81	25.00	24.90	
50	QPSK	135	0	23.70	23.83	23.69	24.7
50	QPSK	135	68	24.53	24.74	24.66	25.7
50	QPSK	135	135	23.53	23.74	23.66	24.7
50	QPSK	270	0	23.48	23.69	23.57	
50	16QAM	1	1	23.87	24.02	23.85	24.7
50	64QAM	1	1	22.25	22.42	22.25	23.2
50	256QAM	1	1	20.24	20.42	20.32	21.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.78	24.98	24.94	25.7
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.89	24.87	24.94	25.7
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.89	25.02	24.95	25.7
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.72	24.97	24.87	25.7
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.73	24.93	24.77	25.7
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.72	24.92	24.75	25.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.71	24.91	24.78	25.7



<FR1 n7 Ant 2 TX0 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				505000	507000	509000	18.4
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	18.37	18.40	18.36	18.4
50	PI/2 BPSK	1	135	18.16	18.23	18.12	
50	PI/2 BPSK	1	268	18.28	18.33	18.27	18.4
50	PI/2 BPSK	135	0	18.08	18.16	18.02	
50	PI/2 BPSK	135	68	18.06	18.18	18.00	18.4
50	PI/2 BPSK	135	135	18.07	18.15	18.00	
50	PI/2 BPSK	270	0	17.95	18.09	18.01	18.4
50	QPSK	1	1	18.26	18.39	18.32	
50	QPSK	1	135	18.12	18.19	18.05	18.4
50	QPSK	1	268	18.27	18.35	18.27	
50	QPSK	135	0	18.11	18.16	18.02	18.4
50	QPSK	135	68	17.98	18.11	18.02	
50	QPSK	135	135	18.06	18.15	18.02	18.4
50	QPSK	270	0	18.02	18.10	18.00	
50	16QAM	1	1	18.28	18.39	18.25	18.4
50	64QAM	1	1	18.24	18.30	18.23	
50	256QAM	1	1	18.25	18.36	18.20	18.4
Channel				504000	507000	510000	18.4
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.34	18.39	18.34	18.4
Channel				503000	507000	511000	18.4
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	18.19	18.36	18.19	18.4
Channel				502500	507000	511500	18.4
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	18.27	18.33	18.19	18.4
Channel				502000	507000	512000	18.4
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.28	18.36	18.35	18.4
Channel				501500	507000	512500	18.4
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	18.17	18.26	18.25	18.4
Channel				501000	507000	513000	18.4
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.26	18.26	18.26	18.4
Channel				500500	507000	513500	18.4
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.31	18.30	18.22	18.4



<FR1 n7 Ant 2 TX0 Index 5>

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	20.6
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.35	19.43	19.36	20.6
50	PI/2 BPSK	1	135	19.13	19.25	19.17	
50	PI/2 BPSK	1	268	19.15	19.32	19.25	
50	PI/2 BPSK	135	0	18.98	19.10	18.90	20.6
50	PI/2 BPSK	135	68	18.99	19.11	18.95	20.6
50	PI/2 BPSK	135	135	18.91	19.05	18.93	20.6
50	PI/2 BPSK	270	0	19.01	19.12	18.97	
50	QPSK	1	1	19.29	19.40	19.27	20.6
50	QPSK	1	135	19.04	19.22	19.15	
50	QPSK	1	268	19.18	19.31	19.14	
50	QPSK	135	0	19.09	19.18	19.01	20.6
50	QPSK	135	68	18.94	19.09	19.00	20.6
50	QPSK	135	135	18.97	19.15	18.99	20.6
50	QPSK	270	0	18.97	19.11	18.96	
50	16QAM	1	1	19.28	19.40	19.26	20.6
50	64QAM	1	1	19.15	19.32	19.15	20.6
50	256QAM	1	1	19.21	19.38	19.29	20.6
Channel				504000	507000	510000	20.6
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.34	19.32	19.34	20.6
Channel				503000	507000	511000	20.6
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.17	19.27	19.34	20.6
Channel				502500	507000	511500	20.6
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.22	19.31	19.29	20.6
Channel				502000	507000	512000	20.6
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.29	19.37	19.21	20.6
Channel				501500	507000	512500	20.6
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.18	19.28	19.30	20.6
Channel				501000	507000	513000	20.6
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.17	19.29	19.33	20.6
Channel				500500	507000	513500	20.6
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.23	19.42	19.23	20.6



<FR1 n7 Ant 2 TX0 Index 6>

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	19.35	19.43	19.36	19.8
50	PI/2 BPSK	1	135	19.13	19.25	19.17	
50	PI/2 BPSK	1	268	19.15	19.32	19.25	
50	PI/2 BPSK	135	0	18.98	19.10	18.90	19.8
50	PI/2 BPSK	135	68	18.99	19.11	18.95	19.8
50	PI/2 BPSK	135	135	18.91	19.05	18.93	19.8
50	PI/2 BPSK	270	0	19.01	19.12	18.97	
50	QPSK	1	1	19.29	19.40	19.27	19.8
50	QPSK	1	135	19.04	19.22	19.15	
50	QPSK	1	268	19.18	19.31	19.14	
50	QPSK	135	0	19.09	19.18	19.01	19.8
50	QPSK	135	68	18.94	19.09	19.00	19.8
50	QPSK	135	135	18.97	19.15	18.99	19.8
50	QPSK	270	0	18.97	19.11	18.96	
50	16QAM	1	1	19.28	19.40	19.26	19.8
50	64QAM	1	1	19.15	19.32	19.15	19.8
50	256QAM	1	1	19.21	19.38	19.29	19.8
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.34	19.32	19.34	19.8
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.17	19.27	19.34	19.8
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.22	19.31	19.29	19.8
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.29	19.37	19.21	19.8
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.18	19.28	19.30	19.8
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.17	19.29	19.33	19.8
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.23	19.42	19.23	19.8



<FR1 n7 Ant 2 TX0 Index 7/8>

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	24.90	25.03	24.95	25.7
50	PI/2 BPSK	1	135	24.67	24.84	24.68	
50	PI/2 BPSK	1	268	24.85	24.98	24.88	
50	PI/2 BPSK	135	0	24.14	24.31	24.15	25.2
50	PI/2 BPSK	135	68	24.49	24.72	24.60	25.7
50	PI/2 BPSK	135	135	24.05	24.28	24.18	25.2
50	PI/2 BPSK	270	0	24.02	24.22	24.06	
50	QPSK	1	1	24.83	25.02	24.90	25.7
50	QPSK	1	135	24.61	24.81	24.65	
50	QPSK	1	268	24.81	25.00	24.90	
50	QPSK	135	0	23.70	23.83	23.69	24.7
50	QPSK	135	68	24.53	24.74	24.66	25.7
50	QPSK	135	135	23.53	23.74	23.66	24.7
50	QPSK	270	0	23.48	23.69	23.57	
50	16QAM	1	1	23.87	24.02	23.85	24.7
50	64QAM	1	1	22.25	22.42	22.25	23.2
50	256QAM	1	1	20.24	20.42	20.32	21.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.78	24.98	24.94	25.7
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.89	24.87	24.94	25.7
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.89	25.02	24.95	25.7
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.72	24.97	24.87	25.7
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.73	24.93	24.77	25.7
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.72	24.92	24.75	25.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.71	24.91	24.78	25.7



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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	18.33	18.39	18.31	19.0
50	PI/2 BPSK	1	135	18.23	18.22	18.06	
50	PI/2 BPSK	1	268	18.10	18.27	18.16	
50	PI/2 BPSK	135	0	18.12	18.14	18.10	19.0
50	PI/2 BPSK	135	68	18.20	18.22	18.21	19.0
50	PI/2 BPSK	135	135	18.17	18.11	18.16	19.0
50	PI/2 BPSK	270	0	18.16	18.13	18.18	
50	QPSK	1	1	18.23	18.31	18.21	19.0
50	QPSK	1	135	18.20	18.12	18.14	
50	QPSK	1	268	18.12	18.15	18.12	
50	QPSK	135	0	18.14	18.13	17.96	19.0
50	QPSK	135	68	18.16	18.12	17.95	19.0
50	QPSK	135	135	18.18	18.13	17.92	19.0
50	QPSK	270	0	18.12	18.10	17.95	
50	16QAM	1	1	18.29	18.35	18.26	19.0
50	64QAM	1	1	18.20	18.27	18.18	19.0
50	256QAM	1	1	18.26	18.30	18.27	19.0
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.20	18.25	18.27	19.0
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	18.23	18.27	18.22	19.0
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	18.22	18.30	18.22	19.0
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.33	18.31	18.23	19.0
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	18.26	18.38	18.21	19.0
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.26	18.29	18.31	19.0
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.16	18.23	18.14	19.0



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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				505000	507000	509000	21.5
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	20.36	20.46	20.38	21.5
50	PI/2 BPSK	1	135	20.10	20.25	20.14	
50	PI/2 BPSK	1	268	20.18	20.33	20.25	21.5
50	PI/2 BPSK	135	0	19.98	20.14	19.99	
50	PI/2 BPSK	135	68	20.00	20.20	20.10	21.5
50	PI/2 BPSK	135	135	20.01	20.15	20.03	
50	PI/2 BPSK	270	0	20.03	20.13	19.99	21.5
50	QPSK	1	1	20.28	20.42	20.27	
50	QPSK	1	135	20.07	20.19	20.07	21.5
50	QPSK	1	268	20.08	20.24	20.15	
50	QPSK	135	0	19.95	20.12	19.97	21.5
50	QPSK	135	68	20.04	20.16	19.98	
50	QPSK	135	135	19.93	20.13	20.02	21.5
50	QPSK	270	0	19.91	20.10	19.98	
50	16QAM	1	1	20.34	20.45	20.31	21.5
50	64QAM	1	1	20.24	20.35	20.24	
50	256QAM	1	1	20.27	20.38	20.28	21.2
Channel				504000	507000	510000	21.5
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	20.36	20.30	20.27	21.5
Channel				503000	507000	511000	
Frequency (MHz)				2515	2535	2555	21.5
30	PI/2 BPSK	1	1	20.24	20.43	20.34	
Channel				502500	507000	511500	21.5
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	20.36	20.36	20.28	21.5
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	21.5
20	PI/2 BPSK	1	1	20.33	20.31	20.31	
Channel				501500	507000	512500	21.5
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.30	20.38	20.18	21.5
Channel				501000	507000	513000	
Frequency (MHz)				2505	2535	2565	21.5
10	PI/2 BPSK	1	1	20.36	20.35	20.37	
Channel				500500	507000	513500	21.5
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.30	20.43	20.32	21.5
Channel				500000	507000	514000	
Frequency (MHz)				2500	2535	2570	



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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	20.7
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	20.36	20.46	20.38	20.7
50	PI/2 BPSK	1	135	20.10	20.25	20.14	
50	PI/2 BPSK	1	268	20.18	20.33	20.25	
50	PI/2 BPSK	135	0	19.98	20.14	19.99	20.7
50	PI/2 BPSK	135	68	20.00	20.20	20.10	20.7
50	PI/2 BPSK	135	135	20.01	20.15	20.03	20.7
50	PI/2 BPSK	270	0	20.03	20.13	19.99	
50	QPSK	1	1	20.28	20.42	20.27	20.7
50	QPSK	1	135	20.07	20.19	20.07	
50	QPSK	1	268	20.08	20.24	20.15	
50	QPSK	135	0	19.95	20.12	19.97	20.7
50	QPSK	135	68	20.04	20.16	19.98	20.7
50	QPSK	135	135	19.93	20.13	20.02	20.7
50	QPSK	270	0	19.91	20.10	19.98	
50	16QAM	1	1	20.34	20.45	20.31	20.7
50	64QAM	1	1	20.24	20.35	20.24	20.7
50	256QAM	1	1	20.27	20.38	20.28	20.7
Channel				504000	507000	510000	20.7
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	20.36	20.30	20.27	20.7
Channel				503000	507000	511000	20.7
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	20.24	20.43	20.34	20.7
Channel				502500	507000	511500	20.7
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	20.36	20.36	20.28	20.7
Channel				502000	507000	512000	20.7
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	20.33	20.31	20.31	20.7
Channel				501500	507000	512500	20.7
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.30	20.38	20.18	20.7
Channel				501000	507000	513000	20.7
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	20.36	20.35	20.37	20.7
Channel				500500	507000	513500	20.7
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.30	20.43	20.32	20.7



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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	25.7
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.80	24.96	24.92	
50	PI/2 BPSK	1	135	24.46	24.62	24.58	25.2
50	PI/2 BPSK	1	268	24.54	24.80	24.66	
50	PI/2 BPSK	135	0	24.02	24.22	24.12	25.2
50	PI/2 BPSK	135	68	24.31	24.51	24.44	25.7
50	PI/2 BPSK	135	135	23.99	24.19	24.12	25.2
50	PI/2 BPSK	270	0	23.79	24.02	23.98	
50	QPSK	1	1	24.71	24.95	24.90	25.7
50	QPSK	1	135	24.45	24.62	24.56	
50	QPSK	1	268	24.59	24.83	24.70	
50	QPSK	135	0	23.50	23.71	23.61	24.7
50	QPSK	135	68	24.31	24.54	24.44	25.7
50	QPSK	135	135	23.48	23.70	23.65	24.7
50	QPSK	270	0	23.33	23.54	23.41	
50	16QAM	1	1	23.74	24.00	23.95	24.7
50	64QAM	1	1	22.17	22.36	22.28	23.2
50	256QAM	1	1	20.21	20.38	20.30	21.2
Channel				504000	507000	510000	25.7
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.75	24.83	24.87	
Channel				503000	507000	511000	25.7
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.70	24.90	24.73	
Channel				502500	507000	511500	25.7
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.93	24.88	
Channel				502000	507000	512000	25.7
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.77	24.85	24.84	
Channel				501500	507000	512500	25.7
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.82	24.87	
Channel				501000	507000	513000	25.7
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.80	24.76	24.92	
Channel				500500	507000	513500	25.7
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.80	24.79	



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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	24.80	24.96	24.92	25.7
50	PI/2 BPSK	1	135	24.46	24.62	24.58	
50	PI/2 BPSK	1	268	24.54	24.80	24.66	
50	PI/2 BPSK	135	0	24.02	24.22	24.12	25.2
50	PI/2 BPSK	135	68	24.31	24.51	24.44	25.7
50	PI/2 BPSK	135	135	23.99	24.19	24.12	25.2
50	PI/2 BPSK	270	0	23.79	24.02	23.98	
50	QPSK	1	1	24.71	24.95	24.90	25.7
50	QPSK	1	135	24.45	24.62	24.56	
50	QPSK	1	268	24.59	24.83	24.70	
50	QPSK	135	0	23.50	23.71	23.61	24.7
50	QPSK	135	68	24.31	24.54	24.44	25.7
50	QPSK	135	135	23.48	23.70	23.65	24.7
50	QPSK	270	0	23.33	23.54	23.41	
50	16QAM	1	1	23.74	24.00	23.95	24.7
50	64QAM	1	1	22.17	22.36	22.28	23.2
50	256QAM	1	1	20.21	20.38	20.30	21.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.75	24.83	24.87	25.7
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.70	24.90	24.73	25.7
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.93	24.88	25.7
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.77	24.85	24.84	25.7
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.82	24.87	25.7
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.80	24.76	24.92	25.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.80	24.79	25.7



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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	24.80	24.96	24.92	25.7
50	PI/2 BPSK	1	135	24.46	24.62	24.58	
50	PI/2 BPSK	1	268	24.54	24.80	24.66	
50	PI/2 BPSK	135	0	24.02	24.22	24.12	25.2
50	PI/2 BPSK	135	68	24.31	24.51	24.44	25.7
50	PI/2 BPSK	135	135	23.99	24.19	24.12	25.2
50	PI/2 BPSK	270	0	23.79	24.02	23.98	
50	QPSK	1	1	24.71	24.95	24.90	25.7
50	QPSK	1	135	24.45	24.62	24.56	
50	QPSK	1	268	24.59	24.83	24.70	
50	QPSK	135	0	23.50	23.71	23.61	24.7
50	QPSK	135	68	24.31	24.54	24.44	25.7
50	QPSK	135	135	23.48	23.70	23.65	24.7
50	QPSK	270	0	23.33	23.54	23.41	
50	16QAM	1	1	23.74	24.00	23.95	24.7
50	64QAM	1	1	22.17	22.36	22.28	23.2
50	256QAM	1	1	20.21	20.38	20.30	21.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.75	24.83	24.87	25.7
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.70	24.90	24.73	25.7
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.93	24.88	25.7
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.77	24.85	24.84	25.7
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.82	24.87	25.7
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.80	24.76	24.92	25.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.80	24.79	25.7



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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	25.7
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.80	24.96	24.92	
50	PI/2 BPSK	1	135	24.46	24.62	24.58	25.2
50	PI/2 BPSK	1	268	24.54	24.80	24.66	
50	PI/2 BPSK	135	0	24.02	24.22	24.12	25.2
50	PI/2 BPSK	135	68	24.31	24.51	24.44	25.7
50	PI/2 BPSK	135	135	23.99	24.19	24.12	25.2
50	PI/2 BPSK	270	0	23.79	24.02	23.98	
50	QPSK	1	1	24.71	24.95	24.90	25.7
50	QPSK	1	135	24.45	24.62	24.56	
50	QPSK	1	268	24.59	24.83	24.70	
50	QPSK	135	0	23.50	23.71	23.61	24.7
50	QPSK	135	68	24.31	24.54	24.44	25.7
50	QPSK	135	135	23.48	23.70	23.65	24.7
50	QPSK	270	0	23.33	23.54	23.41	
50	16QAM	1	1	23.74	24.00	23.95	24.7
50	64QAM	1	1	22.17	22.36	22.28	23.2
50	256QAM	1	1	20.21	20.38	20.30	21.2
Channel				504000	507000	510000	25.7
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.75	24.83	24.87	
Channel				503000	507000	511000	25.7
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.70	24.90	24.73	
Channel				502500	507000	511500	25.7
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.93	24.88	
Channel				502000	507000	512000	25.7
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.77	24.85	24.84	
Channel				501500	507000	512500	25.7
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.82	24.87	
Channel				501000	507000	513000	25.7
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.80	24.76	24.92	
Channel				500500	507000	513500	25.7
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.80	24.79	



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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	24.10	24.16	24.12	24.2
50	PI/2 BPSK	1	135	23.76	23.92	23.88	
50	PI/2 BPSK	1	268	23.84	24.10	23.96	
50	PI/2 BPSK	135	0	23.32	23.52	23.42	24.2
50	PI/2 BPSK	135	68	23.61	23.81	23.74	24.2
50	PI/2 BPSK	135	135	23.29	23.49	23.42	24.2
50	PI/2 BPSK	270	0	23.09	23.32	23.28	
50	QPSK	1	1	24.01	24.15	24.10	24.2
50	QPSK	1	135	23.75	23.92	23.86	
50	QPSK	1	268	23.89	24.13	24.00	
50	QPSK	135	0	23.46	23.61	23.61	24.2
50	QPSK	135	68	23.61	23.84	23.74	24.2
50	QPSK	135	135	23.40	23.67	23.57	24.2
50	QPSK	270	0	23.30	23.51	23.37	
50	16QAM	1	1	23.64	23.91	23.92	24.2
50	64QAM	1	1	22.12	22.28	22.21	23.2
50	256QAM	1	1	20.20	20.29	20.27	21.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.05	24.13	24.07	24.2
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.00	24.10	24.03	24.2
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.95	24.13	24.08	24.2
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.07	24.15	24.14	24.2
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.92	24.12	24.07	24.2
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.10	24.06	24.12	24.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.90	24.10	24.09	24.2



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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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.10	24.16	24.12	25.0
50	PI/2 BPSK	1	135	23.76	23.92	23.88	
50	PI/2 BPSK	1	268	23.84	24.10	23.96	
50	PI/2 BPSK	135	0	23.32	23.52	23.42	25.0
50	PI/2 BPSK	135	68	23.61	23.81	23.74	25.0
50	PI/2 BPSK	135	135	23.29	23.49	23.42	25.0
50	PI/2 BPSK	270	0	23.09	23.32	23.28	
50	QPSK	1	1	24.01	24.15	24.10	25.0
50	QPSK	1	135	23.75	23.92	23.86	
50	QPSK	1	268	23.89	24.13	24.00	
50	QPSK	135	0	23.46	23.61	23.61	24.7
50	QPSK	135	68	23.61	23.84	23.74	25.0
50	QPSK	135	135	23.40	23.67	23.57	24.7
50	QPSK	270	0	23.30	23.51	23.37	
50	16QAM	1	1	23.64	23.91	23.92	24.7
50	64QAM	1	1	22.12	22.28	22.21	23.2
50	256QAM	1	1	20.20	20.29	20.27	21.2
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.05	24.13	24.07	25.0
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.00	24.10	24.03	25.0
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.95	24.13	24.08	25.0
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.07	24.15	24.14	25.0
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.92	24.12	24.07	25.0
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.10	24.06	24.12	25.0
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.90	24.10	24.09	25.0



<FR1 n7 Ant 0 TX1 Index 11>

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	24.2
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.10	24.16	24.12	24.2
50	PI/2 BPSK	1	135	23.76	23.92	23.88	
50	PI/2 BPSK	1	268	23.84	24.10	23.96	
50	PI/2 BPSK	135	0	23.32	23.52	23.42	24.2
50	PI/2 BPSK	135	68	23.61	23.81	23.74	24.2
50	PI/2 BPSK	135	135	23.29	23.49	23.42	24.2
50	PI/2 BPSK	270	0	23.09	23.32	23.28	
50	QPSK	1	1	24.01	24.15	24.10	24.2
50	QPSK	1	135	23.75	23.92	23.86	
50	QPSK	1	268	23.89	24.13	24.00	
50	QPSK	135	0	23.46	23.61	23.61	24.2
50	QPSK	135	68	23.61	23.84	23.74	24.2
50	QPSK	135	135	23.40	23.67	23.57	24.2
50	QPSK	270	0	23.30	23.51	23.37	
50	16QAM	1	1	23.64	23.91	23.92	24.2
50	64QAM	1	1	22.12	22.28	22.21	23.2
50	256QAM	1	1	20.20	20.29	20.27	21.2
Channel				504000	507000	510000	24.2
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.05	24.13	24.07	24.2
Channel				503000	507000	511000	24.2
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.00	24.10	24.03	24.2
Channel				502500	507000	511500	24.2
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.95	24.13	24.08	24.2
Channel				502000	507000	512000	24.2
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.07	24.15	24.14	24.2
Channel				501500	507000	512500	24.2
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.92	24.12	24.07	24.2
Channel				501000	507000	513000	24.2
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.10	24.06	24.12	24.2
Channel				500500	507000	513500	24.2
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.90	24.10	24.09	24.2



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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	24.71	24.73	24.72	
15	PI/2 BPSK	1	40	24.58	24.61	24.52	25.7
15	PI/2 BPSK	1	77	24.62	24.65	24.54	
15	PI/2 BPSK	36	0	24.14	24.18	24.13	
15	PI/2 BPSK	36	22	24.60	24.67	24.64	25.2
15	PI/2 BPSK	36	43	24.06	24.18	24.09	25.7
15	PI/2 BPSK	75	0	24.11	24.21	24.10	
15	QPSK	1	1	24.65	24.72	24.62	
15	QPSK	1	40	24.53	24.63	24.61	25.7
15	QPSK	1	77	24.59	24.66	24.57	
15	QPSK	36	0	23.57	23.68	23.64	
15	QPSK	36	22	24.58	24.69	24.63	25.7
15	QPSK	36	43	23.61	23.67	23.61	24.7
15	QPSK	75	0	23.58	23.70	23.60	
15	16QAM	1	1	23.69	23.73	23.67	
15	64QAM	1	1	22.08	22.15	22.04	23.2
	256QAM	1	1	20.09	20.19	20.14	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.55	24.56	24.67	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.57	24.59	

<FR1 n12 Ant 2 TX0 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				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.71	24.73	24.72	
15	PI/2 BPSK	1	40	24.58	24.61	24.52	25.7
15	PI/2 BPSK	1	77	24.62	24.65	24.54	
15	PI/2 BPSK	36	0	24.14	24.18	24.13	
15	PI/2 BPSK	36	22	24.60	24.67	24.64	25.7
15	PI/2 BPSK	36	43	24.06	24.18	24.09	25.2
15	PI/2 BPSK	75	0	24.11	24.21	24.10	
15	QPSK	1	1	24.65	24.72	24.62	
15	QPSK	1	40	24.53	24.63	24.61	25.7
15	QPSK	1	77	24.59	24.66	24.57	
15	QPSK	36	0	23.57	23.68	23.64	
15	QPSK	36	22	24.58	24.69	24.63	25.7
15	QPSK	36	43	23.61	23.67	23.61	24.7
15	QPSK	75	0	23.58	23.70	23.60	
15	16QAM	1	1	23.69	23.73	23.67	
15	64QAM	1	1	22.08	22.15	22.04	23.2
	256QAM	1	1	20.09	20.19	20.14	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.55	24.56	24.67	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.57	24.59	



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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	24.71	24.73	24.72	
15	PI/2 BPSK	1	40	24.58	24.61	24.52	25.7
15	PI/2 BPSK	1	77	24.62	24.65	24.54	
15	PI/2 BPSK	36	0	24.14	24.18	24.13	
15	PI/2 BPSK	36	22	24.60	24.67	24.64	25.2
15	PI/2 BPSK	36	43	24.06	24.18	24.09	25.7
15	PI/2 BPSK	75	0	24.11	24.21	24.10	
15	QPSK	1	1	24.65	24.72	24.62	
15	QPSK	1	40	24.53	24.63	24.61	25.7
15	QPSK	1	77	24.59	24.66	24.57	
15	QPSK	36	0	23.57	23.68	23.64	
15	QPSK	36	22	24.58	24.69	24.63	25.7
15	QPSK	36	43	23.61	23.67	23.61	24.7
15	QPSK	75	0	23.58	23.70	23.60	
15	16QAM	1	1	23.69	23.73	23.67	
15	64QAM	1	1	22.08	22.15	22.04	23.2
	256QAM	1	1	20.09	20.19	20.14	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.55	24.56	24.67	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.57	24.59	

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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	24.71	24.73	24.72	
15	PI/2 BPSK	1	40	24.58	24.61	24.52	25.7
15	PI/2 BPSK	1	77	24.62	24.65	24.54	
15	PI/2 BPSK	36	0	24.14	24.18	24.13	
15	PI/2 BPSK	36	22	24.60	24.67	24.64	25.7
15	PI/2 BPSK	36	43	24.06	24.18	24.09	25.2
15	PI/2 BPSK	75	0	24.11	24.21	24.10	
15	QPSK	1	1	24.65	24.72	24.62	
15	QPSK	1	40	24.53	24.63	24.61	25.7
15	QPSK	1	77	24.59	24.66	24.57	
15	QPSK	36	0	23.57	23.68	23.64	
15	QPSK	36	22	24.58	24.69	24.63	25.7
15	QPSK	36	43	23.61	23.67	23.61	24.7
15	QPSK	75	0	23.58	23.70	23.60	
15	16QAM	1	1	23.69	23.73	23.67	
15	64QAM	1	1	22.08	22.15	22.04	23.2
	256QAM	1	1	20.09	20.19	20.14	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.55	24.56	24.67	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.57	24.59	



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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	24.71	24.73	24.72	
15	PI/2 BPSK	1	40	24.58	24.61	24.52	25.7
15	PI/2 BPSK	1	77	24.62	24.65	24.54	
15	PI/2 BPSK	36	0	24.14	24.18	24.13	
15	PI/2 BPSK	36	22	24.60	24.67	24.64	25.2
15	PI/2 BPSK	36	43	24.06	24.18	24.09	25.7
15	PI/2 BPSK	75	0	24.11	24.21	24.10	
15	QPSK	1	1	24.65	24.72	24.62	
15	QPSK	1	40	24.53	24.63	24.61	25.7
15	QPSK	1	77	24.59	24.66	24.57	
15	QPSK	36	0	23.57	23.68	23.64	
15	QPSK	36	22	24.58	24.69	24.63	25.7
15	QPSK	36	43	23.61	23.67	23.61	24.7
15	QPSK	75	0	23.58	23.70	23.60	
15	16QAM	1	1	23.69	23.73	23.67	
15	64QAM	1	1	22.08	22.15	22.04	23.2
	256QAM	1	1	20.09	20.19	20.14	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.55	24.56	24.67	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.57	24.59	

<FR1 n12 Ant 0 TX0 Index 10/11>

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	24.71	24.73	24.72	
15	PI/2 BPSK	1	40	24.58	24.61	24.52	25.7
15	PI/2 BPSK	1	77	24.62	24.65	24.54	
15	PI/2 BPSK	36	0	24.14	24.18	24.13	
15	PI/2 BPSK	36	22	24.60	24.67	24.64	25.7
15	PI/2 BPSK	36	43	24.06	24.18	24.09	25.2
15	PI/2 BPSK	75	0	24.11	24.21	24.10	
15	QPSK	1	1	24.65	24.72	24.62	
15	QPSK	1	40	24.53	24.63	24.61	25.7
15	QPSK	1	77	24.59	24.66	24.57	
15	QPSK	36	0	23.57	23.68	23.64	
15	QPSK	36	22	24.58	24.69	24.63	25.7
15	QPSK	36	43	23.61	23.67	23.61	24.7
15	QPSK	75	0	23.58	23.70	23.60	
15	16QAM	1	1	23.69	23.73	23.67	
15	64QAM	1	1	22.08	22.15	22.04	23.2
	256QAM	1	1	20.09	20.19	20.14	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.55	24.56	24.67	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.57	24.59	



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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	24.64	24.62	24.59	
15	PI/2 BPSK	1	40	24.55	24.55	24.54	25.7
15	PI/2 BPSK	1	77	24.59	24.61	24.59	
15	PI/2 BPSK	36	0	23.99	24.05	23.95	
15	PI/2 BPSK	36	22	24.52	24.60	24.51	25.2
15	PI/2 BPSK	36	43	24.02	24.06	24.00	25.7
15	PI/2 BPSK	75	0	24.14	24.15	24.07	
15	QPSK	1	1	24.57	24.61	24.61	
15	QPSK	1	40	24.46	24.55	24.48	24.7
15	QPSK	1	77	24.57	24.62	24.57	
15	QPSK	36	0	23.52	23.54	23.54	
15	QPSK	36	22	24.55	24.62	24.59	25.7
15	QPSK	36	43	23.54	23.57	23.54	24.7
15	QPSK	75	0	23.64	23.64	23.60	
15	16QAM	1	1	23.58	23.63	23.56	
15	64QAM	1	1	21.98	22.02	22.02	23.2
	256QAM	1	1	20.00	20.09	20.09	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.48	24.45	24.46	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.47	24.42	24.58	

<FR1 n12 Ant 1 TX1 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				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.64	24.62	24.59	
15	PI/2 BPSK	1	40	24.55	24.55	24.54	25.7
15	PI/2 BPSK	1	77	24.59	24.61	24.59	
15	PI/2 BPSK	36	0	23.99	24.05	23.95	
15	PI/2 BPSK	36	22	24.52	24.60	24.51	25.2
15	PI/2 BPSK	36	43	24.02	24.06	24.00	25.7
15	PI/2 BPSK	75	0	24.14	24.15	24.07	
15	QPSK	1	1	24.57	24.61	24.61	
15	QPSK	1	40	24.46	24.55	24.48	24.7
15	QPSK	1	77	24.57	24.62	24.57	
15	QPSK	36	0	23.52	23.54	23.54	
15	QPSK	36	22	24.55	24.62	24.59	25.7
15	QPSK	36	43	23.54	23.57	23.54	24.7
15	QPSK	75	0	23.64	23.64	23.60	
15	16QAM	1	1	23.58	23.63	23.56	
15	64QAM	1	1	21.98	22.02	22.02	23.2
	256QAM	1	1	20.00	20.09	20.09	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.48	24.45	24.46	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.47	24.42	24.58	



<FR1 n12 Ant 1 TX1 Index 5/6>

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	25.7
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.64	24.62	24.59	
15	PI/2 BPSK	1	40	24.55	24.55	24.54	25.2
15	PI/2 BPSK	1	77	24.59	24.61	24.59	
15	PI/2 BPSK	36	0	23.99	24.05	23.95	25.7
15	PI/2 BPSK	36	22	24.52	24.60	24.51	
15	PI/2 BPSK	36	43	24.02	24.06	24.00	25.2
15	PI/2 BPSK	75	0	24.14	24.15	24.07	
15	QPSK	1	1	24.57	24.61	24.61	25.7
15	QPSK	1	40	24.46	24.55	24.48	
15	QPSK	1	77	24.57	24.62	24.57	
15	QPSK	36	0	23.52	23.54	23.54	24.7
15	QPSK	36	22	24.55	24.62	24.59	25.7
15	QPSK	36	43	23.54	23.57	23.54	24.7
15	QPSK	75	0	23.64	23.64	23.60	
15	16QAM	1	1	23.58	23.63	23.56	24.7
15	64QAM	1	1	21.98	22.02	22.02	23.2
	256QAM	1	1	20.00	20.09	20.09	21.2
Channel				140800	141500	142200	25.7
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.48	24.45	24.46	
Channel				140300	141500	142700	25.7
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.47	24.42	24.58	

<FR1 n12 Ant 1 TX1 Index 7>

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	24.9
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.04	24.02	23.99	
15	PI/2 BPSK	1	40	23.95	23.95	23.94	24.9
15	PI/2 BPSK	1	77	23.99	24.01	23.99	
15	PI/2 BPSK	36	0	23.39	23.45	23.35	24.9
15	PI/2 BPSK	36	22	23.92	24.00	23.91	
15	PI/2 BPSK	36	43	23.42	23.46	23.40	24.9
15	PI/2 BPSK	75	0	23.54	23.55	23.47	
15	QPSK	1	1	23.97	24.01	24.01	24.9
15	QPSK	1	40	23.86	23.95	23.88	
15	QPSK	1	77	23.97	24.02	23.97	
15	QPSK	36	0	23.49	23.53	23.47	24.7
15	QPSK	36	22	23.95	24.02	23.99	24.9
15	QPSK	36	43	23.48	23.55	23.49	24.7
15	QPSK	75	0	23.60	23.62	23.58	
15	16QAM	1	1	23.50	23.59	23.54	24.7
15	64QAM	1	1	21.90	21.93	21.93	23.2
	256QAM	1	1	19.90	19.99	20.09	21.2
Channel				140800	141500	142200	24.9
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.88	23.85	23.86	
Channel				140300	141500	142700	24.9
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.87	23.82	23.98	



<FR1 n12 Ant 1 TX1 Index 8>

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	24.04	24.02	23.99	
15	PI/2 BPSK	1	40	23.95	23.95	23.94	24.1
15	PI/2 BPSK	1	77	23.99	24.01	23.99	
15	PI/2 BPSK	36	0	23.39	23.45	23.35	24.1
15	PI/2 BPSK	36	22	23.92	24.00	23.91	24.1
15	PI/2 BPSK	36	43	23.42	23.46	23.40	24.1
15	PI/2 BPSK	75	0	23.54	23.55	23.47	
15	QPSK	1	1	23.97	24.01	24.01	24.1
15	QPSK	1	40	23.86	23.95	23.88	
15	QPSK	1	77	23.97	24.02	23.97	
15	QPSK	36	0	23.49	23.53	23.47	24.1
15	QPSK	36	22	23.95	24.02	23.99	24.1
15	QPSK	36	43	23.48	23.55	23.49	24.1
15	QPSK	75	0	23.60	23.62	23.58	
15	16QAM	1	1	23.50	23.59	23.54	24.1
15	64QAM	1	1	21.90	21.93	21.93	23.2
	256QAM	1	1	19.90	19.99	20.09	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.88	23.85	23.86	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.87	23.82	23.98	

<FR1 n12 Ant 1 TX1 Index 9>

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	24.64	24.62	24.59	
15	PI/2 BPSK	1	40	24.55	24.55	24.54	25.7
15	PI/2 BPSK	1	77	24.59	24.61	24.59	
15	PI/2 BPSK	36	0	23.99	24.05	23.95	25.2
15	PI/2 BPSK	36	22	24.52	24.60	24.51	25.7
15	PI/2 BPSK	36	43	24.02	24.06	24.00	25.2
15	PI/2 BPSK	75	0	24.14	24.15	24.07	
15	QPSK	1	1	24.57	24.61	24.61	25.7
15	QPSK	1	40	24.46	24.55	24.48	
15	QPSK	1	77	24.57	24.62	24.57	
15	QPSK	36	0	23.52	23.54	23.54	24.7
15	QPSK	36	22	24.55	24.62	24.59	25.7
15	QPSK	36	43	23.54	23.57	23.54	24.7
15	QPSK	75	0	23.64	23.64	23.60	
15	16QAM	1	1	23.58	23.63	23.56	24.7
15	64QAM	1	1	21.98	22.02	22.02	23.2
	256QAM	1	1	20.00	20.09	20.09	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.48	24.45	24.46	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.47	24.42	24.58	



<FR1 n12 Ant 1 TX1 Index 10/11>

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	24.64	24.62	24.59	25.7
15	PI/2 BPSK	1	40	24.55	24.55	24.54	
15	PI/2 BPSK	1	77	24.59	24.61	24.59	
15	PI/2 BPSK	36	0	23.99	24.05	23.95	25.2
15	PI/2 BPSK	36	22	24.52	24.60	24.51	25.7
15	PI/2 BPSK	36	43	24.02	24.06	24.00	25.2
15	PI/2 BPSK	75	0	24.14	24.15	24.07	
15	QPSK	1	1	24.57	24.61	24.61	25.7
15	QPSK	1	40	24.46	24.55	24.48	
15	QPSK	1	77	24.57	24.62	24.57	
15	QPSK	36	0	23.52	23.54	23.54	24.7
15	QPSK	36	22	24.55	24.62	24.59	25.7
15	QPSK	36	43	23.54	23.57	23.54	24.7
15	QPSK	75	0	23.64	23.64	23.60	
15	16QAM	1	1	23.58	23.63	23.56	24.7
15	64QAM	1	1	21.98	22.02	22.02	23.2
	256QAM	1	1	20.00	20.09	20.09	21.2
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.48	24.45	24.46	25.7
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.47	24.42	24.58	25.7



<FR1 n14 Ant 0 TX0 Index 2/3>

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		24.41		25.7
10	PI/2 BPSK	1	26		24.52		
10	PI/2 BPSK	1	50		24.40		
10	PI/2 BPSK	25	0		23.89		25.2
10	PI/2 BPSK	25	14		24.35		25.7
10	PI/2 BPSK	25	27		23.88		25.2
10	PI/2 BPSK	50	0		23.86		
10	QPSK	1	1		24.41		25.7
10	QPSK	1	26		24.48		
10	QPSK	1	50		24.37		
10	QPSK	25	0		23.39		24.7
10	QPSK	25	14		24.35		25.7
10	QPSK	25	27		23.37		24.7
10	QPSK	50	0		23.36		
10	16QAM	1	1		23.43		24.7
10	64QAM	1	1		21.83		23.2
10	256QAM	1	1		19.87		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.38	24.39	24.34	25.7

<FR1 n14 Ant 2 TX0 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					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.41		25.7
10	PI/2 BPSK	1	26		24.52		
10	PI/2 BPSK	1	50		24.40		
10	PI/2 BPSK	25	0		23.89		25.2
10	PI/2 BPSK	25	14		24.35		25.7
10	PI/2 BPSK	25	27		23.88		25.2
10	PI/2 BPSK	50	0		23.86		
10	QPSK	1	1		24.41		25.7
10	QPSK	1	26		24.48		
10	QPSK	1	50		24.37		
10	QPSK	25	0		23.39		24.7
10	QPSK	25	14		24.35		25.7
10	QPSK	25	27		23.37		24.7
10	QPSK	50	0		23.36		
10	16QAM	1	1		23.43		24.7
10	64QAM	1	1		21.83		23.2
10	256QAM	1	1		19.87		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.38	24.39	24.34	25.7



<FR1 n14 Ant 0 TX0 Index 5/6>

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		24.41		25.7
10	PI/2 BPSK	1	26		24.52		
10	PI/2 BPSK	1	50		24.40		
10	PI/2 BPSK	25	0		23.89		25.2
10	PI/2 BPSK	25	14		24.35		25.7
10	PI/2 BPSK	25	27		23.88		25.2
10	PI/2 BPSK	50	0		23.86		
10	QPSK	1	1		24.41		25.7
10	QPSK	1	26		24.48		
10	QPSK	1	50		24.37		
10	QPSK	25	0		23.39		24.7
10	QPSK	25	14		24.35		25.7
10	QPSK	25	27		23.37		24.7
10	QPSK	50	0		23.36		
10	16QAM	1	1		23.43		24.7
10	64QAM	1	1		21.83		23.2
10	256QAM	1	1		19.87		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.38	24.39	24.34	25.7

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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		24.41		25.7
10	PI/2 BPSK	1	26		24.52		
10	PI/2 BPSK	1	50		24.40		
10	PI/2 BPSK	25	0		23.89		25.2
10	PI/2 BPSK	25	14		24.35		25.7
10	PI/2 BPSK	25	27		23.88		25.2
10	PI/2 BPSK	50	0		23.86		
10	QPSK	1	1		24.41		25.7
10	QPSK	1	26		24.48		
10	QPSK	1	50		24.37		
10	QPSK	25	0		23.39		24.7
10	QPSK	25	14		24.35		25.7
10	QPSK	25	27		23.37		24.7
10	QPSK	50	0		23.36		
10	16QAM	1	1		23.43		24.7
10	64QAM	1	1		21.83		23.2
10	256QAM	1	1		19.87		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.38	24.39	24.34	25.7



<FR1 n14 Ant 0 TX0 Index 9>

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		24.41		25.7
10	PI/2 BPSK	1	26		24.40		
10	PI/2 BPSK	1	50		24.40		
10	PI/2 BPSK	25	0		23.89		25.2
10	PI/2 BPSK	25	14		24.35		25.7
10	PI/2 BPSK	25	27		23.88		25.2
10	PI/2 BPSK	50	0		23.86		
10	QPSK	1	1		24.39		25.7
10	QPSK	1	26		24.40		
10	QPSK	1	50		24.37		
10	QPSK	25	0		23.39		24.7
10	QPSK	25	14		24.35		25.7
10	QPSK	25	27		23.37		24.7
10	QPSK	50	0		23.36		
10	16QAM	1	1		23.43		24.7
10	64QAM	1	1		21.83		23.2
10	256QAM	1	1		19.87		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.38	24.39	24.34	25.7

<FR1 n14 Ant 0 TX0 Index 10/11>

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		24.41		25.7
10	PI/2 BPSK	1	26		24.40		
10	PI/2 BPSK	1	50		24.40		
10	PI/2 BPSK	25	0		23.89		25.2
10	PI/2 BPSK	25	14		24.35		25.7
10	PI/2 BPSK	25	27		23.88		25.2
10	PI/2 BPSK	50	0		23.86		
10	QPSK	1	1		24.41		25.7
10	QPSK	1	26		24.48		
10	QPSK	1	50		24.37		
10	QPSK	25	0		23.39		24.7
10	QPSK	25	14		24.35		25.7
10	QPSK	25	27		23.37		24.7
10	QPSK	50	0		23.36		
10	16QAM	1	1		23.43		24.7
10	64QAM	1	1		21.83		23.2
10	256QAM	1	1		19.87		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.38	24.39	24.34	25.7



<FR1 n14 Ant 1 TX1 Index 2/3>

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		24.32		25.7
10	PI/2 BPSK	1	26		24.38		
10	PI/2 BPSK	1	50		24.31		
10	PI/2 BPSK	25	0		23.85		25.2
10	PI/2 BPSK	25	14		24.22		25.7
10	PI/2 BPSK	25	27		23.82		25.2
10	PI/2 BPSK	50	0		23.73		
10	QPSK	1	1		24.32		25.7
10	QPSK	1	26		24.35		
10	QPSK	1	50		24.31		
10	QPSK	25	0		23.34		24.7
10	QPSK	25	14		24.22		25.7
10	QPSK	25	27		23.31		24.7
10	QPSK	50	0		23.23		
10	16QAM	1	1		23.34		24.7
10	64QAM	1	1		21.73		23.2
10	256QAM	1	1		19.82		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.21	24.28	24.26	25.7

<FR1 n14 Ant 1 TX1 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					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.32		25.7
10	PI/2 BPSK	1	26		24.38		
10	PI/2 BPSK	1	50		24.31		
10	PI/2 BPSK	25	0		23.85		25.2
10	PI/2 BPSK	25	14		24.22		25.7
10	PI/2 BPSK	25	27		23.82		25.2
10	PI/2 BPSK	50	0		23.73		
10	QPSK	1	1		24.32		25.7
10	QPSK	1	26		24.35		
10	QPSK	1	50		24.31		
10	QPSK	25	0		23.34		24.7
10	QPSK	25	14		24.22		25.7
10	QPSK	25	27		23.31		24.7
10	QPSK	50	0		23.23		
10	16QAM	1	1		23.34		24.7
10	64QAM	1	1		21.73		23.2
10	256QAM	1	1		19.82		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.21	24.28	24.26	25.7



<FR1 n14 Ant 1 TX1 Index 5/6>

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		24.32		25.7
10	PI/2 BPSK	1	26		24.38		
10	PI/2 BPSK	1	50		24.31		
10	PI/2 BPSK	25	0		23.85		25.2
10	PI/2 BPSK	25	14		24.22		25.7
10	PI/2 BPSK	25	27		23.82		25.2
10	PI/2 BPSK	50	0		23.73		
10	QPSK	1	1		24.32		25.7
10	QPSK	1	26		24.35		
10	QPSK	1	50		24.31		
10	QPSK	25	0		23.34		24.7
10	QPSK	25	14		24.22		25.7
10	QPSK	25	27		23.31		24.7
10	QPSK	50	0		23.23		
10	16QAM	1	1		23.34		24.7
10	64QAM	1	1		21.73		23.2
10	256QAM	1	1		19.82		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.21	24.28	24.26	25.7

<FR1 n14 Ant 1 TX1 Index 7>

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		22.92		23.9
10	PI/2 BPSK	1	26		22.99		
10	PI/2 BPSK	1	50		22.90		
10	PI/2 BPSK	25	0		22.83		23.9
10	PI/2 BPSK	25	14		22.97		23.9
10	PI/2 BPSK	25	27		22.94		23.9
10	PI/2 BPSK	50	0		22.86		
10	QPSK	1	1		22.91		23.9
10	QPSK	1	26		22.98		
10	QPSK	1	50		22.88		
10	QPSK	25	0		22.83		23.9
10	QPSK	25	14		22.96		23.9
10	QPSK	25	27		22.92		23.9
10	QPSK	50	0		22.85		
10	16QAM	1	1		22.91		23.9
10	64QAM	1	1		22.06		23.2
10	256QAM	1	1		20.12		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	22.70	22.78	22.86	23.9



<FR1 n14 Ant 1 TX1 Index 8>

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		22.92		23.1
10	PI/2 BPSK	1	26		22.99		
10	PI/2 BPSK	1	50		22.90		
10	PI/2 BPSK	25	0		22.83		23.1
10	PI/2 BPSK	25	14		22.97		23.1
10	PI/2 BPSK	25	27		22.94		23.1
10	PI/2 BPSK	50	0		22.86		
10	QPSK	1	1		22.91		23.1
10	QPSK	1	26		22.98		
10	QPSK	1	50		22.88		
10	QPSK	25	0		22.83		23.1
10	QPSK	25	14		22.96		23.1
10	QPSK	25	27		22.92		23.1
10	QPSK	50	0		22.85		
10	16QAM	1	1		22.91		23.1
10	64QAM	1	1		22.06		23.1
10	256QAM	1	1		20.12		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	22.70	22.78	22.86	23.1

<FR1 n14 Ant 1 TX1 Index 9>

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		24.32		25.7
10	PI/2 BPSK	1	26		24.30		
10	PI/2 BPSK	1	50		24.31		
10	PI/2 BPSK	25	0		23.85		25.2
10	PI/2 BPSK	25	14		24.22		25.7
10	PI/2 BPSK	25	27		23.82		25.2
10	PI/2 BPSK	50	0		23.73		
10	QPSK	1	1		24.32		25.7
10	QPSK	1	26		24.35		
10	QPSK	1	50		24.31		
10	QPSK	25	0		23.34		24.7
10	QPSK	25	14		24.22		25.7
10	QPSK	25	27		23.31		24.7
10	QPSK	50	0		23.23		
10	16QAM	1	1		23.34		24.7
10	64QAM	1	1		21.73		23.2
10	256QAM	1	1		19.82		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.21	24.28	24.26	25.7



<FR1 n14 Ant 1 TX1 Index 10/11>

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		24.32		25.7
10	PI/2 BPSK	1	26		24.28		
10	PI/2 BPSK	1	50		24.31		
10	PI/2 BPSK	25	0		23.85		25.2
10	PI/2 BPSK	25	14		24.22		25.7
10	PI/2 BPSK	25	27		23.82		25.2
10	PI/2 BPSK	50	0		23.73		
10	QPSK	1	1		24.32		25.7
10	QPSK	1	26		24.35		
10	QPSK	1	50		24.31		
10	QPSK	25	0		23.34		24.7
10	QPSK	25	14		24.22		25.7
10	QPSK	25	27		23.31		24.7
10	QPSK	50	0		23.23		
10	16QAM	1	1		23.34		24.7
10	64QAM	1	1		21.73		23.2
10	256QAM	1	1		19.82		21.2
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.21	24.28	24.26	25.7



<FR1 n25 Ant 2 TX0 Index 2/3>

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	376500	379000	25.7
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.36	24.36	24.34	25.7
40	PI/2 BPSK	1	108	24.47	24.45	24.52	
40	PI/2 BPSK	1	214	24.12	24.19	24.20	
40	PI/2 BPSK	108	0	23.80	23.78	23.78	25.2
40	PI/2 BPSK	108	54	24.32	24.32	24.34	25.7
40	PI/2 BPSK	108	108	23.83	23.85	23.82	25.2
40	PI/2 BPSK	216	0	23.82	23.82	23.85	
40	QPSK	1	1	24.27	24.35	24.35	25.7
40	QPSK	1	108	24.45	24.44	24.42	
40	QPSK	1	214	24.17	24.18	24.25	
40	QPSK	108	0	21.79	21.80	21.83	23.7
40	QPSK	108	54	24.33	24.35	24.38	25.7
40	QPSK	108	108	21.88	21.89	21.88	23.7
40	QPSK	216	0	21.83	21.88	21.95	
40	16QAM	1	1	23.27	23.34	23.33	23.7
40	64QAM	1	1	21.72	21.80	21.84	23.2
40	256QAM	1	1	17.91	17.86	18.00	19.2
Channel				373000	376500	380000	25.7
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.17	24.26	24.27	25.7
Channel				372500	376500	380500	25.7
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.23	24.34	24.33	25.7
Channel				372000	376500	381000	25.7
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.34	24.16	24.14	25.7
Channel				371500	376500	381500	25.7
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.26	24.27	24.30	25.7
Channel				371000	376500	382000	25.7
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.31	24.19	24.27	25.7
Channel				370500	376500	382500	25.7
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.34	24.22	24.28	25.7



<FR1 n25 Ant 2 TX0 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				374000	376500	379000	18.9
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.89	17.93	17.84	18.9
40	PI/2 BPSK	1	108	18.05	18.06	18.07	
40	PI/2 BPSK	1	214	17.76	17.82	17.83	
40	PI/2 BPSK	108	0	17.82	17.90	17.86	18.9
40	PI/2 BPSK	108	54	17.94	17.98	17.90	18.9
40	PI/2 BPSK	108	108	17.88	17.94	17.86	18.9
40	PI/2 BPSK	216	0	17.93	17.94	17.93	
40	QPSK	1	1	17.91	17.94	17.88	18.9
40	QPSK	1	108	17.96	18.05	18.02	
40	QPSK	1	214	17.77	17.85	17.82	
40	QPSK	108	0	17.87	17.92	17.92	18.9
40	QPSK	108	54	17.94	17.96	17.96	18.9
40	QPSK	108	108	17.90	17.95	17.91	18.9
40	QPSK	216	0	17.85	17.92	17.87	
40	16QAM	1	1	17.89	17.96	17.88	18.9
40	64QAM	1	1	17.79	17.86	17.82	18.9
40	256QAM	1	1	17.81	17.91	17.92	18.9
Channel				373000	376500	380000	18.9
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.89	17.77	17.64	18.9
Channel				372500	376500	380500	18.9
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.80	17.80	17.77	18.9
Channel				372000	376500	381000	18.9
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.69	17.75	17.84	18.9
Channel				371500	376500	381500	18.9
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.78	17.89	17.76	18.9
Channel				371000	376500	382000	18.9
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.72	17.83	17.83	18.9
Channel				370500	376500	382500	18.9
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.74	17.88	17.67	18.9



<FR1 n25 Ant 2 TX0 Index 5>

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	23.0
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	21.80	21.84	21.83	23.0
40	PI/2 BPSK	1	108	21.95	21.98	22.01	
40	PI/2 BPSK	1	214	21.68	21.72	21.67	
40	PI/2 BPSK	108	0	21.76	21.79	21.80	23.0
40	PI/2 BPSK	108	54	21.82	21.87	21.82	23.0
40	PI/2 BPSK	108	108	21.78	21.84	21.78	23.0
40	PI/2 BPSK	216	0	21.84	21.88	21.82	
40	QPSK	1	1	21.79	21.85	21.80	23.0
40	QPSK	1	108	21.88	21.96	21.98	
40	QPSK	1	214	21.60	21.72	21.65	
40	QPSK	108	0	21.68	21.81	21.80	23.0
40	QPSK	108	54	21.84	21.87	21.81	23.0
40	QPSK	108	108	21.76	21.88	21.90	23.0
40	QPSK	216	0	21.72	21.84	21.86	
40	16QAM	1	1	21.85	21.88	21.83	23.0
40	64QAM	1	1	21.68	21.79	21.73	23.0
40	256QAM	1	1	17.84	17.94	17.88	19.2
Channel				373000	376500	380000	23.0
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	21.72	21.82	21.77	23.0
Channel				372500	376500	380500	23.0
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	21.62	21.70	21.68	23.0
Channel				372000	376500	381000	23.0
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.69	21.65	21.71	23.0
Channel				371500	376500	381500	23.0
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.60	21.84	21.81	23.0
Channel				371000	376500	382000	23.0
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.80	21.65	21.76	23.0
Channel				370500	376500	382500	23.0
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.78	21.84	21.81	23.0



<FR1 n25 Ant 2 TX0 Index 6>

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	21.80	21.84	21.83	22.2
40	PI/2 BPSK	1	108	21.95	21.98	22.01	
40	PI/2 BPSK	1	214	21.68	21.72	21.67	
40	PI/2 BPSK	108	0	21.76	21.79	21.80	22.2
40	PI/2 BPSK	108	54	21.82	21.87	21.82	22.2
40	PI/2 BPSK	108	108	21.78	21.84	21.78	22.2
40	PI/2 BPSK	216	0	21.84	21.88	21.82	
40	QPSK	1	1	21.79	21.85	21.80	22.2
40	QPSK	1	108	21.88	21.96	21.98	
40	QPSK	1	214	21.60	21.72	21.65	
40	QPSK	108	0	21.68	21.81	21.80	22.2
40	QPSK	108	54	21.84	21.87	21.81	22.2
40	QPSK	108	108	21.76	21.88	21.90	22.2
40	QPSK	216	0	21.72	21.84	21.86	
40	16QAM	1	1	21.85	21.88	21.83	22.2
40	64QAM	1	1	21.68	21.79	21.73	22.2
40	256QAM	1	1	17.84	17.94	17.88	19.2
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	21.72	21.82	21.77	22.2
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	21.62	21.70	21.68	22.2
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.69	21.65	21.71	22.2
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.60	21.84	21.81	22.2
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.80	21.65	21.76	22.2
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.78	21.84	21.81	22.2



<FR1 n25 Ant 2 TX0 Index 7/8>

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	25.7
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.36	24.36	24.34	25.7
40	PI/2 BPSK	1	108	24.47	24.45	24.52	
40	PI/2 BPSK	1	214	24.12	24.19	24.20	
40	PI/2 BPSK	108	0	23.80	23.78	23.78	25.2
40	PI/2 BPSK	108	54	24.32	24.32	24.34	25.7
40	PI/2 BPSK	108	108	23.83	23.85	23.82	25.2
40	PI/2 BPSK	216	0	23.82	23.82	23.85	
40	QPSK	1	1	24.27	24.35	24.35	25.7
40	QPSK	1	108	24.45	24.44	24.42	
40	QPSK	1	214	24.17	24.18	24.25	
40	QPSK	108	0	21.79	21.80	21.83	23.7
40	QPSK	108	54	24.33	24.35	24.38	25.7
40	QPSK	108	108	21.88	21.89	21.88	23.7
40	QPSK	216	0	21.83	21.88	21.95	
40	16QAM	1	1	23.27	23.34	23.33	23.7
40	64QAM	1	1	21.72	21.80	21.84	23.2
40	256QAM	1	1	17.91	17.86	18.00	19.2
Channel				373000	376500	380000	25.7
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.17	24.26	24.27	25.7
Channel				372500	376500	380500	25.7
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.23	24.34	24.33	25.7
Channel				372000	376500	381000	25.7
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.34	24.16	24.14	25.7
Channel				371500	376500	381500	25.7
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.26	24.27	24.30	25.7
Channel				371000	376500	382000	25.7
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.31	24.19	24.27	25.7
Channel				370500	376500	382500	25.7
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.34	24.22	24.28	25.7



<FR1 n25 Ant 2 TX0 Index 9>

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	18.73	18.79	18.75	19.7
40	PI/2 BPSK	1	108	18.88	18.89	18.99	
40	PI/2 BPSK	1	214	18.69	18.66	18.69	
40	PI/2 BPSK	108	0	18.67	18.70	18.62	19.7
40	PI/2 BPSK	108	54	18.75	18.78	18.78	19.7
40	PI/2 BPSK	108	108	18.74	18.73	18.73	19.7
40	PI/2 BPSK	216	0	18.77	18.78	18.87	
40	QPSK	1	1	18.60	18.71	18.68	19.7
40	QPSK	1	108	18.82	18.92	18.93	
40	QPSK	1	214	18.64	18.67	18.72	
40	QPSK	108	0	18.66	18.65	18.73	19.7
40	QPSK	108	54	18.80	18.80	18.84	19.7
40	QPSK	108	108	18.63	18.78	18.76	19.7
40	QPSK	216	0	18.73	18.69	18.71	
40	16QAM	1	1	18.66	18.75	18.78	19.7
40	64QAM	1	1	18.65	18.64	18.71	19.7
40	256QAM	1	1	17.85	17.89	17.85	19.2
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.56	18.67	18.62	19.7
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.54	18.71	18.63	19.7
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.64	18.65	18.55	19.7
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.58	18.67	18.69	19.7
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.72	18.75	18.64	19.7
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.70	18.62	18.62	19.7



<FR1 n25 Ant 2 TX0 Index 10>

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	22.0
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	20.74	20.82	20.81	22.0
40	PI/2 BPSK	1	108	20.94	20.95	21.01	
40	PI/2 BPSK	1	214	20.60	20.69	20.71	
40	PI/2 BPSK	108	0	20.66	20.74	20.70	22.0
40	PI/2 BPSK	108	54	20.85	20.86	20.92	22.0
40	PI/2 BPSK	108	108	20.80	20.82	20.79	22.0
40	PI/2 BPSK	216	0	20.84	20.85	20.89	
40	QPSK	1	1	20.69	20.80	20.78	22.0
40	QPSK	1	108	20.87	20.94	20.95	
40	QPSK	1	214	20.63	20.68	20.74	
40	QPSK	108	0	20.66	20.70	20.75	22.0
40	QPSK	108	54	20.82	20.84	20.87	22.0
40	QPSK	108	108	20.68	20.78	20.80	22.0
40	QPSK	216	0	20.75	20.79	20.75	
40	16QAM	1	1	20.75	20.80	20.80	22.0
40	64QAM	1	1	20.66	20.71	20.76	22.0
40	256QAM	1	1	17.90	17.91	17.91	19.2
Channel				373000	376500	380000	22.0
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.66	20.80	20.72	22.0
Channel				372500	376500	380500	22.0
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.64	20.63	20.63	22.0
Channel				372000	376500	381000	22.0
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.74	20.78	20.68	22.0
Channel				371500	376500	381500	22.0
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.72	20.76	20.73	22.0
Channel				371000	376500	382000	22.0
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.68	20.73	20.68	22.0
Channel				370500	376500	382500	22.0
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.64	20.70	20.72	22.0



<FR1 n25 Ant 2 TX0 Index 11>

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	21.2
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	20.74	20.82	20.81	21.2
40	PI/2 BPSK	1	108	20.94	20.95	21.01	
40	PI/2 BPSK	1	214	20.60	20.69	20.71	
40	PI/2 BPSK	108	0	20.66	20.74	20.70	21.2
40	PI/2 BPSK	108	54	20.85	20.86	20.92	21.2
40	PI/2 BPSK	108	108	20.80	20.82	20.79	21.2
40	PI/2 BPSK	216	0	20.84	20.85	20.89	
40	QPSK	1	1	20.69	20.80	20.78	21.2
40	QPSK	1	108	20.87	20.94	20.95	
40	QPSK	1	214	20.63	20.68	20.74	
40	QPSK	108	0	20.66	20.70	20.75	21.2
40	QPSK	108	54	20.82	20.84	20.87	21.2
40	QPSK	108	108	20.68	20.78	20.80	21.2
40	QPSK	216	0	20.75	20.79	20.75	
40	16QAM	1	1	20.75	20.80	20.80	21.2
40	64QAM	1	1	20.66	20.71	20.76	21.2
40	256QAM	1	1	17.90	17.91	17.91	19.2
Channel				373000	376500	380000	21.2
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.66	20.80	20.72	21.2
Channel				372500	376500	380500	21.2
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.64	20.63	20.63	21.2
Channel				372000	376500	381000	21.2
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.74	20.78	20.68	21.2
Channel				371500	376500	381500	21.2
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.72	20.76	20.73	21.2
Channel				371000	376500	382000	21.2
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.68	20.73	20.68	21.2
Channel				370500	376500	382500	21.2
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.64	20.70	20.72	21.2



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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	25.7
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.11	24.21	24.08	25.7
40	PI/2 BPSK	1	108	24.33	24.35	24.32	
40	PI/2 BPSK	1	214	23.89	23.93	23.88	
40	PI/2 BPSK	108	0	23.59	23.66	23.55	25.2
40	PI/2 BPSK	108	54	24.24	24.26	24.17	25.7
40	PI/2 BPSK	108	108	23.65	23.74	23.66	25.2
40	PI/2 BPSK	216	0	23.70	23.75	23.65	
40	QPSK	1	1	24.06	24.16	24.10	25.7
40	QPSK	1	108	24.31	24.34	24.22	
40	QPSK	1	214	23.94	23.96	23.84	
40	QPSK	108	0	21.70	21.76	21.77	23.7
40	QPSK	108	54	24.20	24.25	24.18	25.7
40	QPSK	108	108	21.71	21.80	21.75	23.7
40	QPSK	216	0	21.70	21.79	21.79	
40	16QAM	1	1	23.15	23.20	23.10	23.7
40	64QAM	1	1	21.54	21.62	21.49	23.2
40	256QAM	1	1	17.75	17.70	17.79	19.2
Channel				373000	376500	380000	25.7
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.92	24.12	24.00	25.7
Channel				372500	376500	380500	25.7
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.94	24.09	23.89	25.7
Channel				372000	376500	381000	25.7
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.91	24.08	23.88	25.7
Channel				371500	376500	381500	25.7
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.02	24.01	23.90	25.7
Channel				371000	376500	382000	25.7
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.99	24.04	23.97	25.7
Channel				370500	376500	382500	25.7
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.05	24.10	24.07	25.7



<FR1 n25 Ant 0 TX1 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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.11	24.21	24.08	25.7
40	PI/2 BPSK	1	108	24.33	24.35	24.32	
40	PI/2 BPSK	1	214	23.89	23.93	23.88	
40	PI/2 BPSK	108	0	23.59	23.66	23.55	25.2
40	PI/2 BPSK	108	54	24.24	24.26	24.17	25.7
40	PI/2 BPSK	108	108	23.65	23.74	23.66	25.2
40	PI/2 BPSK	216	0	23.70	23.75	23.65	
40	QPSK	1	1	24.06	24.16	24.10	25.7
40	QPSK	1	108	24.31	24.34	24.22	
40	QPSK	1	214	23.94	23.96	23.84	
40	QPSK	108	0	21.70	21.76	21.77	23.7
40	QPSK	108	54	24.20	24.25	24.18	25.7
40	QPSK	108	108	21.71	21.80	21.75	23.7
40	QPSK	216	0	21.70	21.79	21.79	
40	16QAM	1	1	23.15	23.20	23.10	23.7
40	64QAM	1	1	21.54	21.62	21.49	23.2
40	256QAM	1	1	17.75	17.70	17.79	19.2
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.92	24.12	24.00	25.7
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.94	24.09	23.89	25.7
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.91	24.08	23.88	25.7
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.02	24.01	23.90	25.7
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.99	24.04	23.97	25.7
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.05	24.10	24.07	25.7



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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	24.11	24.21	24.08	25.7
40	PI/2 BPSK	1	108	24.33	24.35	24.32	
40	PI/2 BPSK	1	214	23.89	23.93	23.88	
40	PI/2 BPSK	108	0	23.59	23.66	23.55	25.2
40	PI/2 BPSK	108	54	24.24	24.26	24.17	25.7
40	PI/2 BPSK	108	108	23.65	23.74	23.66	25.2
40	PI/2 BPSK	216	0	23.70	23.75	23.65	
40	QPSK	1	1	24.06	24.16	24.10	25.7
40	QPSK	1	108	24.31	24.34	24.22	
40	QPSK	1	214	23.94	23.96	23.84	
40	QPSK	108	0	21.70	21.76	21.77	23.7
40	QPSK	108	54	24.20	24.25	24.18	25.7
40	QPSK	108	108	21.71	21.80	21.75	23.7
40	QPSK	216	0	21.70	21.79	21.79	
40	16QAM	1	1	23.15	23.20	23.10	23.7
40	64QAM	1	1	21.54	21.62	21.49	23.2
40	256QAM	1	1	17.75	17.70	17.79	19.2
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.92	24.12	24.00	25.7
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.94	24.09	23.89	25.7
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.91	24.08	23.88	25.7
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.02	24.01	23.90	25.7
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.99	24.04	23.97	25.7
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.05	24.10	24.07	25.7



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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	25.7
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.11	24.21	24.08	25.7
40	PI/2 BPSK	1	108	24.33	24.35	24.32	
40	PI/2 BPSK	1	214	23.89	23.93	23.88	
40	PI/2 BPSK	108	0	23.59	23.66	23.55	25.2
40	PI/2 BPSK	108	54	24.24	24.26	24.17	25.7
40	PI/2 BPSK	108	108	23.65	23.74	23.66	25.2
40	PI/2 BPSK	216	0	23.70	23.75	23.65	
40	QPSK	1	1	24.06	24.16	24.10	25.7
40	QPSK	1	108	24.31	24.34	24.22	
40	QPSK	1	214	23.94	23.96	23.84	
40	QPSK	108	0	21.70	21.76	21.77	23.7
40	QPSK	108	54	24.20	24.25	24.18	25.7
40	QPSK	108	108	21.71	21.80	21.75	23.7
40	QPSK	216	0	21.70	21.79	21.79	
40	16QAM	1	1	23.15	23.20	23.10	23.7
40	64QAM	1	1	21.54	21.62	21.49	23.2
40	256QAM	1	1	17.75	17.70	17.79	19.2
Channel				373000	376500	380000	25.7
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.92	24.12	24.00	25.7
Channel				372500	376500	380500	25.7
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.94	24.09	23.89	25.7
Channel				372000	376500	381000	25.7
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.91	24.08	23.88	25.7
Channel				371500	376500	381500	25.7
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.02	24.01	23.90	25.7
Channel				371000	376500	382000	25.7
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.99	24.04	23.97	25.7
Channel				370500	376500	382500	25.7
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.05	24.10	24.07	25.7



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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	23.7
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	22.65	22.68	22.67	23.7
40	PI/2 BPSK	1	108	22.85	22.86	22.89	
40	PI/2 BPSK	1	214	22.36	22.43	22.42	
40	PI/2 BPSK	108	0	22.64	22.65	22.68	23.7
40	PI/2 BPSK	108	54	22.65	22.76	22.72	23.7
40	PI/2 BPSK	108	108	22.65	22.73	22.72	23.7
40	PI/2 BPSK	216	0	22.72	22.75	22.75	
40	QPSK	1	1	22.58	22.69	22.66	23.7
40	QPSK	1	108	22.79	22.85	22.81	
40	QPSK	1	214	22.30	22.40	22.33	
40	QPSK	108	0	22.56	22.62	22.64	23.7
40	QPSK	108	54	22.67	22.71	22.68	23.7
40	QPSK	108	108	22.66	22.68	22.70	23.7
40	QPSK	216	0	22.65	22.70	22.63	
40	16QAM	1	1	22.64	22.70	22.64	23.7
40	64QAM	1	1	21.71	21.75	21.78	23.2
40	256QAM	1	1	17.72	17.82	17.83	19.2
Channel				373000	376500	380000	23.7
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.59	22.56	22.50	23.7
Channel				372500	376500	380500	23.7
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.48	22.50	22.61	23.7
Channel				372000	376500	381000	23.7
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.59	22.48	22.53	23.7
Channel				371500	376500	381500	23.7
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.46	22.54	22.65	23.7
Channel				371000	376500	382000	23.7
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.46	22.63	22.67	23.7
Channel				370500	376500	382500	23.7
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.55	22.56	22.62	23.7



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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	22.65	22.68	22.67	24.5
40	PI/2 BPSK	1	108	22.85	22.86	22.89	
40	PI/2 BPSK	1	214	22.56	22.63	22.62	
40	PI/2 BPSK	108	0	22.64	22.65	22.68	24.5
40	PI/2 BPSK	108	54	22.65	22.76	22.72	24.5
40	PI/2 BPSK	108	108	22.65	22.73	22.72	24.5
40	PI/2 BPSK	216	0	22.72	22.75	22.75	
40	QPSK	1	1	22.58	22.69	22.66	24.5
40	QPSK	1	108	22.79	22.85	22.81	
40	QPSK	1	214	22.50	22.60	22.53	
40	QPSK	108	0	22.56	22.62	22.64	24.5
40	QPSK	108	54	22.67	22.71	22.68	24.5
40	QPSK	108	108	22.66	22.68	22.70	24.5
40	QPSK	216	0	22.65	22.70	22.63	
40	16QAM	1	1	22.64	22.70	22.64	24.5
40	64QAM	1	1	21.71	21.75	21.78	23.2
40	256QAM	1	1	17.72	17.82	17.83	19.2
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.59	22.56	22.50	24.5
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.68	22.50	22.61	24.5
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.59	22.68	22.53	24.5
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.66	22.54	22.65	24.5
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.66	22.63	22.67	24.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.55	22.56	22.62	24.5



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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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	22.65	22.68	22.67	23.7
40	PI/2 BPSK	1	108	22.85	22.86	22.89	
40	PI/2 BPSK	1	214	22.56	22.63	22.62	
40	PI/2 BPSK	108	0	22.64	22.65	22.68	23.7
40	PI/2 BPSK	108	54	22.65	22.76	22.72	23.7
40	PI/2 BPSK	108	108	22.65	22.73	22.72	23.7
40	PI/2 BPSK	216	0	22.72	22.75	22.75	
40	QPSK	1	1	22.58	22.69	22.66	23.7
40	QPSK	1	108	22.79	22.85	22.81	
40	QPSK	1	214	22.50	22.60	22.53	
40	QPSK	108	0	22.56	22.62	22.64	23.7
40	QPSK	108	54	22.67	22.71	22.68	23.7
40	QPSK	108	108	22.66	22.68	22.70	23.7
40	QPSK	216	0	22.65	22.70	22.63	
40	16QAM	1	1	22.64	22.70	22.64	23.7
40	64QAM	1	1	21.71	21.75	21.78	23.2
40	256QAM	1	1	17.72	17.82	17.83	19.2
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.59	22.56	22.50	23.7
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.68	22.50	22.61	23.7
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.59	22.68	22.53	23.7
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.66	22.54	22.65	23.7
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.66	22.63	22.67	23.7
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.55	22.56	22.62	23.7



<FR1 n30 Ant 2 TX0 Index 2/3>

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		22.77		23.7
10	PI/2 BPSK	1	26		22.76		
10	PI/2 BPSK	1	50		22.60		
10	PI/2 BPSK	25	0		22.22		23.2
10	PI/2 BPSK	25	14		22.68		23.7
10	PI/2 BPSK	25	27		22.15		23.2
10	PI/2 BPSK	50	0		22.16		
10	QPSK	1	1		22.73		23.7
10	QPSK	1	26		22.75		
10	QPSK	1	50		22.61		
10	QPSK	25	0		21.72		22.7
10	QPSK	25	14		22.68		23.7
10	QPSK	25	27		21.66		22.7
10	QPSK	50	0		21.69		
10	16QAM	1	1		21.82		22.7
10	64QAM	1	1		20.22		21.2
10	256QAM	1	1		18.26		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.68	22.71	22.69	23.7

<FR1 n30 Ant 2 TX0 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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.94		18.2
10	PI/2 BPSK	1	26		17.91		
10	PI/2 BPSK	1	50		17.79		
10	PI/2 BPSK	25	0		17.78		18.2
10	PI/2 BPSK	25	14		17.80		18.2
10	PI/2 BPSK	25	27		17.78		18.2
10	PI/2 BPSK	50	0		17.81		
10	QPSK	1	1		17.92		18.2
10	QPSK	1	26		17.90		
10	QPSK	1	50		17.81		
10	QPSK	25	0		17.82		18.2
10	QPSK	25	14		17.80		18.2
10	QPSK	25	27		17.84		18.2
10	QPSK	50	0		17.79		
10	16QAM	1	1		17.91		18.2
10	64QAM	1	1		17.90		18.2
10	256QAM	1	1		17.86		18.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.88	17.91	17.85	18.2



<FR1 n30 Ant 2 TX0 Index 5>

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		19.97		21.6
10	PI/2 BPSK	1	26		19.95		
10	PI/2 BPSK	1	50		19.76		
10	PI/2 BPSK	25	0		19.72		21.6
10	PI/2 BPSK	25	14		19.79		21.6
10	PI/2 BPSK	25	27		19.78		21.6
10	PI/2 BPSK	50	0		19.76		
10	QPSK	1	1		19.87		
10	QPSK	1	26		19.92		21.6
10	QPSK	1	50		19.78		
10	QPSK	25	0		19.83		
10	QPSK	25	14		19.79		21.6
10	QPSK	25	27		19.78		21.6
10	QPSK	50	0		19.74		
10	16QAM	1	1		19.84		
10	64QAM	1	1		19.78		21.2
10	256QAM	1	1		18.12		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.88	19.85	19.91	21.6

<FR1 n30 Ant 2 TX0 Index 6>

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		19.97		20.8
10	PI/2 BPSK	1	26		19.95		
10	PI/2 BPSK	1	50		19.76		
10	PI/2 BPSK	25	0		19.72		20.8
10	PI/2 BPSK	25	14		19.79		20.8
10	PI/2 BPSK	25	27		19.78		20.8
10	PI/2 BPSK	50	0		19.76		
10	QPSK	1	1		19.87		
10	QPSK	1	26		19.92		20.8
10	QPSK	1	50		19.78		
10	QPSK	25	0		19.83		
10	QPSK	25	14		19.79		20.8
10	QPSK	25	27		19.78		20.8
10	QPSK	50	0		19.74		
10	16QAM	1	1		19.84		
10	64QAM	1	1		19.78		20.8
10	256QAM	1	1		18.12		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.88	19.85	19.91	20.8



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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		22.77		23.7
10	PI/2 BPSK	1	26		22.76		
10	PI/2 BPSK	1	50		22.60		
10	PI/2 BPSK	25	0		22.22		23.2
10	PI/2 BPSK	25	14		22.68		23.7
10	PI/2 BPSK	25	27		22.15		23.2
10	PI/2 BPSK	50	0		22.16		
10	QPSK	1	1		22.73		23.7
10	QPSK	1	26		22.75		
10	QPSK	1	50		22.61		
10	QPSK	25	0		21.72		22.7
10	QPSK	25	14		22.68		23.7
10	QPSK	25	27		21.66		22.7
10	QPSK	50	0		21.69		
10	16QAM	1	1		21.82		22.7
10	64QAM	1	1		20.22		21.2
10	256QAM	1	1		18.26		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.68	22.71	22.69	23.7

<FR1 n30 Ant 2 TX0 Index 9>

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		18.55		18.7
10	PI/2 BPSK	1	26		18.53		
10	PI/2 BPSK	1	50		18.39		
10	PI/2 BPSK	25	0		18.36		18.7
10	PI/2 BPSK	25	14		18.39		18.7
10	PI/2 BPSK	25	27		18.33		18.7
10	PI/2 BPSK	50	0		18.37		
10	QPSK	1	1		18.50		18.7
10	QPSK	1	26		18.46		
10	QPSK	1	50		18.40		
10	QPSK	25	0		18.42		18.7
10	QPSK	25	14		18.40		18.7
10	QPSK	25	27		18.36		18.7
10	QPSK	50	0		18.38		
10	16QAM	1	1		18.47		18.7
10	64QAM	1	1		18.37		18.7
10	256QAM	1	1		17.63		18.7
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.41	18.50	18.45	18.7



<FR1 n30 Ant 2 TX0 Index 10>

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		20.11		21.6
10	PI/2 BPSK	1	26		20.09		
10	PI/2 BPSK	1	50		20.04		
10	PI/2 BPSK	25	0		20.05		21.6
10	PI/2 BPSK	25	14		20.06		21.6
10	PI/2 BPSK	25	27		20.03		21.6
10	PI/2 BPSK	50	0		20.03		
10	QPSK	1	1		20.05		
10	QPSK	1	26		20.08		21.6
10	QPSK	1	50		20.02		
10	QPSK	25	0		20.07		
10	QPSK	25	14		20.09		21.6
10	QPSK	25	27		20.04		21.6
10	QPSK	50	0		20.08		
10	16QAM	1	1		20.07		
10	64QAM	1	1		20.06		21.2
10	256QAM	1	1		18.29		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	20.05	20.08	20.01	21.6

<FR1 n30 Ant 2 TX0 Index 11>

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		20.11		20.8
10	PI/2 BPSK	1	26		20.09		
10	PI/2 BPSK	1	50		20.04		
10	PI/2 BPSK	25	0		20.05		20.8
10	PI/2 BPSK	25	14		20.06		20.8
10	PI/2 BPSK	25	27		20.03		20.8
10	PI/2 BPSK	50	0		20.03		
10	QPSK	1	1		20.05		
10	QPSK	1	26		20.08		20.8
10	QPSK	1	50		20.02		
10	QPSK	25	0		20.07		
10	QPSK	25	14		20.09		20.8
10	QPSK	25	27		20.04		20.8
10	QPSK	50	0		20.08		
10	16QAM	1	1		20.07		
10	64QAM	1	1		20.06		20.8
10	256QAM	1	1		18.29		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	20.05	20.08	20.01	20.8



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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		22.75		23.7
10	PI/2 BPSK	1	26		22.72		
10	PI/2 BPSK	1	50		22.37		
10	PI/2 BPSK	25	0		22.16		23.2
10	PI/2 BPSK	25	14		22.57		23.7
10	PI/2 BPSK	25	27		21.93		23.2
10	PI/2 BPSK	50	0		22.09		
10	QPSK	1	1		22.70		23.7
10	QPSK	1	26		22.66		
10	QPSK	1	50		22.32		
10	QPSK	25	0		21.64		22.7
10	QPSK	25	14		22.60		23.7
10	QPSK	25	27		21.42		22.7
10	QPSK	50	0		21.56		
10	16QAM	1	1		21.72		22.7
10	64QAM	1	1		20.13		21.2
10	256QAM	1	1		18.16		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.66	22.71	22.68	23.7

<FR1 n30 Ant 0 TX1 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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		22.75		23.5
10	PI/2 BPSK	1	26		22.72		
10	PI/2 BPSK	1	50		22.37		
10	PI/2 BPSK	25	0		22.16		23.2
10	PI/2 BPSK	25	14		22.57		23.5
10	PI/2 BPSK	25	27		21.93		23.2
10	PI/2 BPSK	50	0		22.09		
10	QPSK	1	1		22.70		23.5
10	QPSK	1	26		22.66		
10	QPSK	1	50		22.32		
10	QPSK	25	0		21.64		22.7
10	QPSK	25	14		22.60		23.5
10	QPSK	25	27		21.42		22.7
10	QPSK	50	0		21.56		
10	16QAM	1	1		21.72		22.7
10	64QAM	1	1		20.13		21.2
10	256QAM	1	1		18.16		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.66	22.71	22.68	23.5



<FR1 n30 Ant 0 TX1 Index 5>

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		22.75		23.7
10	PI/2 BPSK	1	26		22.72		
10	PI/2 BPSK	1	50		22.37		
10	PI/2 BPSK	25	0		22.16		23.2
10	PI/2 BPSK	25	14		22.57		23.7
10	PI/2 BPSK	25	27		21.93		23.2
10	PI/2 BPSK	50	0		22.09		
10	QPSK	1	1		22.70		23.7
10	QPSK	1	26		22.66		
10	QPSK	1	50		22.32		
10	QPSK	25	0		21.64		22.7
10	QPSK	25	14		22.60		23.7
10	QPSK	25	27		21.42		22.7
10	QPSK	50	0		21.56		
10	16QAM	1	1		21.72		22.7
10	64QAM	1	1		20.13		21.2
10	256QAM	1	1		18.16		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.66	22.71	22.68	23.7

<FR1 n30 Ant 0 TX1 Index 6>

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		22.75		23.5
10	PI/2 BPSK	1	26		22.72		
10	PI/2 BPSK	1	50		22.37		
10	PI/2 BPSK	25	0		22.16		23.2
10	PI/2 BPSK	25	14		22.57		23.5
10	PI/2 BPSK	25	27		21.93		23.2
10	PI/2 BPSK	50	0		22.09		
10	QPSK	1	1		22.70		23.5
10	QPSK	1	26		22.66		
10	QPSK	1	50		22.32		
10	QPSK	25	0		21.64		22.7
10	QPSK	25	14		22.60		23.5
10	QPSK	25	27		21.42		22.7
10	QPSK	50	0		21.56		
10	16QAM	1	1		21.72		22.7
10	64QAM	1	1		20.13		21.2
10	256QAM	1	1		18.16		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.66	22.71	22.68	23.5



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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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		22.75		23.7
10	PI/2 BPSK	1	26		22.72		
10	PI/2 BPSK	1	50		22.37		
10	PI/2 BPSK	25	0		22.16		23.2
10	PI/2 BPSK	25	14		22.57		23.7
10	PI/2 BPSK	25	27		21.93		23.2
10	PI/2 BPSK	50	0		22.09		
10	QPSK	1	1		22.70		23.7
10	QPSK	1	26		22.66		
10	QPSK	1	50		22.32		
10	QPSK	25	0		21.64		22.7
10	QPSK	25	14		22.60		23.7
10	QPSK	25	27		21.42		22.7
10	QPSK	50	0		21.56		
10	16QAM	1	1		21.72		22.7
10	64QAM	1	1		20.13		21.2
10	256QAM	1	1		18.16		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.66	22.71	22.68	23.7

<FR1 n30 Ant 0 TX1 Index 9>

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		22.15		22.4
10	PI/2 BPSK	1	26		22.11		
10	PI/2 BPSK	1	50		21.84		
10	PI/2 BPSK	25	0		22.04		22.4
10	PI/2 BPSK	25	14		22.10		22.4
10	PI/2 BPSK	25	27		21.89		22.4
10	PI/2 BPSK	50	0		22.03		
10	QPSK	1	1		22.17		22.4
10	QPSK	1	26		22.20		
10	QPSK	1	50		21.79		
10	QPSK	25	0		22.08		22.4
10	QPSK	25	14		22.13		22.4
10	QPSK	25	27		22.01		22.4
10	QPSK	50	0		22.05		
10	16QAM	1	1		21.89		22.4
10	64QAM	1	1		20.30		21.2
10	256QAM	1	1		18.28		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.13	22.14	22.10	22.4



<FR1 n30 Ant 0 TX1 Index 10>

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		22.15		23.2
10	PI/2 BPSK	1	26		22.10		
10	PI/2 BPSK	1	50		21.84		
10	PI/2 BPSK	25	0		22.04		23.2
10	PI/2 BPSK	25	14		22.10		23.2
10	PI/2 BPSK	25	27		21.89		23.2
10	PI/2 BPSK	50	0		22.03		
10	QPSK	1	1		22.17		23.2
10	QPSK	1	26		22.20		
10	QPSK	1	50		21.79		
10	QPSK	25	0		22.08		22.7
10	QPSK	25	14		22.13		23.2
10	QPSK	25	27		22.01		22.7
10	QPSK	50	0		22.05		
10	16QAM	1	1		21.89		22.7
10	64QAM	1	1		20.30		21.2
10	256QAM	1	1		18.28		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.13	22.14	22.10	23.2

<FR1 n30 Ant 0 TX1 Index 11>

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		22.15		22.4
10	PI/2 BPSK	1	26		22.10		
10	PI/2 BPSK	1	50		21.84		
10	PI/2 BPSK	25	0		22.04		22.4
10	PI/2 BPSK	25	14		22.10		22.4
10	PI/2 BPSK	25	27		21.89		22.4
10	PI/2 BPSK	50	0		22.03		
10	QPSK	1	1		22.17		22.4
10	QPSK	1	26		22.20		
10	QPSK	1	50		21.79		
10	QPSK	25	0		22.08		22.4
10	QPSK	25	14		22.13		22.4
10	QPSK	25	27		22.01		22.4
10	QPSK	50	0		22.05		
10	16QAM	1	1		21.89		22.4
10	64QAM	1	1		20.30		21.2
10	256QAM	1	1		18.28		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.13	22.14	22.10	22.4



<FR1 n66 Ant 2 TX0 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	25.7
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.77	24.78	24.68	
40	PI/2 BPSK	1	108	24.89	24.86	24.79	25.2
40	PI/2 BPSK	1	214	24.51	24.50	24.41	
40	PI/2 BPSK	108	0	24.19	24.26	24.18	25.2
40	PI/2 BPSK	108	54	24.69	24.72	24.65	25.7
40	PI/2 BPSK	108	108	24.12	24.13	24.03	25.2
40	PI/2 BPSK	216	0	24.14	24.16	24.03	
40	QPSK	1	1	24.82	24.80	24.71	25.7
40	QPSK	1	108	24.82	24.84	24.68	
40	QPSK	1	214	24.49	24.52	24.39	
40	QPSK	108	0	23.79	23.76	23.60	24.7
40	QPSK	108	54	24.73	24.72	24.65	25.7
40	QPSK	108	108	23.65	23.64	23.53	24.7
40	QPSK	216	0	23.63	23.65	23.58	
40	16QAM	1	1	23.80	23.81	23.66	24.7
40	64QAM	1	1	22.19	22.24	22.13	23.2
40	256QAM	1	1	20.25	20.27	20.14	21.2
Channel				345000	349000	353000	25.7
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.57	24.61	24.65	
Channel				344500	349000	353500	25.7
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.66	24.72	24.65	
Channel				344000	349000	354000	25.7
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.65	24.64	24.55	
Channel				343500	349000	354500	25.7
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.70	24.58	24.66	
Channel				343000	349000	355000	25.7
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.58	24.63	24.65	
Channel				342500	349000	355500	25.7
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.60	24.71	24.58	



<FR1 n66 Ant 2 TX0 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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.27	19.28	19.17	19.9
40	PI/2 BPSK	1	108	19.40	19.36	19.31	
40	PI/2 BPSK	1	214	19.05	19.02	18.96	
40	PI/2 BPSK	108	0	19.20	19.22	19.15	19.9
40	PI/2 BPSK	108	54	19.24	19.24	19.18	19.9
40	PI/2 BPSK	108	108	19.09	19.13	19.03	19.9
40	PI/2 BPSK	216	0	19.32	19.29	19.14	
40	QPSK	1	1	19.37	19.35	19.29	19.9
40	QPSK	1	108	19.01	19.02	18.90	
40	QPSK	1	214	19.26	19.22	19.10	
40	QPSK	108	0	19.14	19.20	19.10	19.9
40	QPSK	108	54	19.18	19.21	19.12	19.9
40	QPSK	108	108	19.07	19.12	18.97	19.9
40	QPSK	216	0	19.24	19.28	19.15	
40	16QAM	1	1	19.30	19.30	19.19	19.9
40	64QAM	1	1	19.24	19.20	19.14	19.9
40	256QAM	1	1	19.19	19.25	19.19	19.9
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.27	19.17	18.99	19.9
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.23	19.26	19.01	19.9
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.10	19.10	18.97	19.9
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.17	19.24	19.05	19.9
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.25	19.16	19.00	19.9
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.25	19.15	18.97	19.9



<FR1 n66 Ant 2 TX0 Index 5>

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	20.86	20.92	20.78	21.9
40	PI/2 BPSK	1	108	21.07	21.04	20.99	
40	PI/2 BPSK	1	214	20.62	20.68	20.54	
40	PI/2 BPSK	108	0	20.86	20.90	20.75	21.9
40	PI/2 BPSK	108	54	20.94	20.94	20.87	21.9
40	PI/2 BPSK	108	108	20.84	20.82	20.76	21.9
40	PI/2 BPSK	216	0	20.84	20.83	20.76	
40	QPSK	1	1	20.91	20.98	20.93	21.9
40	QPSK	1	108	21.02	21.03	20.89	
40	QPSK	1	214	20.69	20.68	20.60	
40	QPSK	108	0	20.93	20.94	20.87	21.9
40	QPSK	108	54	20.92	20.93	20.87	21.9
40	QPSK	108	108	20.78	20.83	20.68	21.9
40	QPSK	216	0	20.77	20.84	20.78	
40	16QAM	1	1	21.00	21.00	20.86	21.9
40	64QAM	1	1	20.95	20.92	20.77	21.9
40	256QAM	1	1	20.00	20.05	19.99	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.69	20.76	20.68	21.9
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.78	20.72	20.78	21.9
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.74	20.81	20.68	21.9
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.83	20.80	20.60	21.9
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.69	20.72	20.59	21.9
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.74	20.80	20.60	21.9



<FR1 n66 Ant 2 TX0 Index 6>

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	20.86	20.92	20.78	21.1
40	PI/2 BPSK	1	108	21.07	21.04	20.99	
40	PI/2 BPSK	1	214	20.62	20.68	20.54	
40	PI/2 BPSK	108	0	20.86	20.90	20.75	21.1
40	PI/2 BPSK	108	54	20.94	20.94	20.87	21.1
40	PI/2 BPSK	108	108	20.84	20.82	20.76	21.1
40	PI/2 BPSK	216	0	20.84	20.83	20.76	
40	QPSK	1	1	20.91	20.98	20.93	21.1
40	QPSK	1	108	21.02	21.03	20.89	
40	QPSK	1	214	20.69	20.68	20.60	
40	QPSK	108	0	20.93	20.94	20.87	21.1
40	QPSK	108	54	20.92	20.93	20.87	21.1
40	QPSK	108	108	20.78	20.83	20.68	21.1
40	QPSK	216	0	20.77	20.84	20.78	
40	16QAM	1	1	21.00	21.00	20.86	21.1
40	64QAM	1	1	20.95	20.92	20.77	21.1
40	256QAM	1	1	20.00	20.05	19.99	21.1
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.69	20.76	20.68	21.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.78	20.72	20.78	21.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.74	20.81	20.68	21.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.83	20.80	20.60	21.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.69	20.72	20.59	21.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.74	20.80	20.60	21.1



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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	25.7
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.77	24.78	24.68	
40	PI/2 BPSK	1	108	24.89	24.86	24.79	25.2
40	PI/2 BPSK	1	214	24.51	24.50	24.41	
40	PI/2 BPSK	108	0	24.19	24.26	24.18	25.2
40	PI/2 BPSK	108	54	24.69	24.72	24.65	25.7
40	PI/2 BPSK	108	108	24.12	24.13	24.03	25.2
40	PI/2 BPSK	216	0	24.14	24.16	24.03	
40	QPSK	1	1	24.82	24.80	24.71	25.7
40	QPSK	1	108	24.82	24.84	24.68	
40	QPSK	1	214	24.49	24.52	24.39	
40	QPSK	108	0	23.79	23.76	23.60	24.7
40	QPSK	108	54	24.73	24.72	24.65	25.7
40	QPSK	108	108	23.65	23.64	23.53	24.7
40	QPSK	216	0	23.63	23.65	23.58	
40	16QAM	1	1	23.80	23.81	23.66	24.7
40	64QAM	1	1	22.19	22.24	22.13	23.2
40	256QAM	1	1	20.25	20.27	20.14	21.2
Channel				345000	349000	353000	25.7
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.57	24.61	24.65	
Channel				344500	349000	353500	25.7
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.66	24.72	24.65	
Channel				344000	349000	354000	25.7
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.65	24.64	24.55	
Channel				343500	349000	354500	25.7
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.70	24.58	24.66	
Channel				343000	349000	355000	25.7
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.58	24.63	24.65	
Channel				342500	349000	355500	25.7
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.60	24.71	24.58	



<FR1 n66 Ant 2 TX0 Index 9>

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	19.20	19.25	19.17	20.0
40	PI/2 BPSK	1	108	19.30	19.36	19.29	
40	PI/2 BPSK	1	214	18.98	19.01	18.94	
40	PI/2 BPSK	108	0	19.22	19.23	19.07	20.0
40	PI/2 BPSK	108	54	19.24	19.25	19.14	20.0
40	PI/2 BPSK	108	108	19.09	19.13	19.03	20.0
40	PI/2 BPSK	216	0	19.17	19.15	18.99	
40	QPSK	1	1	19.32	19.30	19.14	20.0
40	QPSK	1	108	19.33	19.35	19.25	
40	QPSK	1	214	19.00	18.99	18.86	
40	QPSK	108	0	19.24	19.20	19.12	20.0
40	QPSK	108	54	19.25	19.23	19.08	20.0
40	QPSK	108	108	19.08	19.11	19.03	20.0
40	QPSK	216	0	19.16	19.13	19.05	
40	16QAM	1	1	19.27	19.32	19.15	20.0
40	64QAM	1	1	19.28	19.24	19.07	20.0
40	256QAM	1	1	19.28	19.26	19.09	20.0
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.02	19.23	19.08	20.0
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.10	19.15	19.14	20.0
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.04	19.18	19.10	20.0
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.07	19.05	19.00	20.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.02	19.13	18.99	20.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.07	19.19	19.13	20.0



<FR1 n66 Ant 2 TX0 Index 10>

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	20.8
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.20	19.25	19.17	20.8
40	PI/2 BPSK	1	108	19.40	19.36	19.29	
40	PI/2 BPSK	1	214	18.98	19.01	18.94	
40	PI/2 BPSK	108	0	19.22	19.23	19.07	20.8
40	PI/2 BPSK	108	54	19.24	19.25	19.14	20.8
40	PI/2 BPSK	108	108	19.09	19.13	19.03	20.8
40	PI/2 BPSK	216	0	19.17	19.15	18.99	
40	QPSK	1	1	19.32	19.30	19.14	20.8
40	QPSK	1	108	19.33	19.35	19.25	
40	QPSK	1	214	19.00	18.99	18.86	
40	QPSK	108	0	19.24	19.20	19.12	20.8
40	QPSK	108	54	19.25	19.23	19.08	20.8
40	QPSK	108	108	19.08	19.11	19.03	20.8
40	QPSK	216	0	19.16	19.13	19.05	
40	16QAM	1	1	19.27	19.32	19.15	20.8
40	64QAM	1	1	19.28	19.24	19.07	20.8
40	256QAM	1	1	19.28	19.26	19.09	20.8
Channel				345000	349000	353000	20.8
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.02	19.23	19.08	20.8
Channel				344500	349000	353500	20.8
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.10	19.15	19.14	20.8
Channel				344000	349000	354000	20.8
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.04	19.18	19.10	20.8
Channel				343500	349000	354500	20.8
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.07	19.05	19.00	20.8
Channel				343000	349000	355000	20.8
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.02	19.13	18.99	20.8
Channel				342500	349000	355500	20.8
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.07	19.19	19.13	20.8



<FR1 n66 Ant 2 TX0 Index 11>

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	19.20	19.25	19.17	20.0
40	PI/2 BPSK	1	108	19.40	19.36	19.29	
40	PI/2 BPSK	1	214	18.98	19.01	18.94	
40	PI/2 BPSK	108	0	19.22	19.23	19.07	20.0
40	PI/2 BPSK	108	54	19.24	19.25	19.14	20.0
40	PI/2 BPSK	108	108	19.09	19.13	19.03	20.0
40	PI/2 BPSK	216	0	19.17	19.15	18.99	
40	QPSK	1	1	19.32	19.30	19.14	20.0
40	QPSK	1	108	19.33	19.35	19.25	
40	QPSK	1	214	19.00	18.99	18.86	
40	QPSK	108	0	19.24	19.20	19.12	20.0
40	QPSK	108	54	19.25	19.23	19.08	20.0
40	QPSK	108	108	19.08	19.11	19.03	20.0
40	QPSK	216	0	19.16	19.13	19.05	
40	16QAM	1	1	19.27	19.32	19.15	20.0
40	64QAM	1	1	19.28	19.24	19.07	20.0
40	256QAM	1	1	19.28	19.26	19.09	20.0
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.02	19.23	19.08	20.0
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.10	19.15	19.14	20.0
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.04	19.18	19.10	20.0
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.07	19.05	19.00	20.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.02	19.13	18.99	20.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.07	19.19	19.13	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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.57	24.60	24.43	25.7
40	PI/2 BPSK	1	108	24.69	24.72	24.65	
40	PI/2 BPSK	1	214	24.28	24.39	24.26	
40	PI/2 BPSK	108	0	23.99	24.04	23.90	25.2
40	PI/2 BPSK	108	54	24.49	24.62	24.52	25.7
40	PI/2 BPSK	108	108	24.29	24.41	24.28	25.2
40	PI/2 BPSK	216	0	23.91	24.04	23.94	
40	QPSK	1	1	24.54	24.64	24.53	25.7
40	QPSK	1	108	24.63	24.71	24.60	
40	QPSK	1	214	24.37	24.41	24.31	
40	QPSK	108	0	23.51	23.56	23.39	24.7
40	QPSK	108	54	24.53	24.61	24.47	25.7
40	QPSK	108	108	23.83	23.92	23.85	24.7
40	QPSK	216	0	23.49	23.56	23.42	
40	16QAM	1	1	23.60	23.69	23.62	24.7
40	64QAM	1	1	22.06	22.09	21.95	23.2
40	256QAM	1	1	20.03	20.14	20.07	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.50	24.42	24.33	25.7
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.53	24.56	24.30	25.7
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.53	24.53	24.42	25.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.45	24.58	24.36	25.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.54	24.47	24.36	25.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.57	24.58	24.34	25.7



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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	21.94	22.03	21.95	23.1
40	PI/2 BPSK	1	108	22.13	22.19	22.11	
40	PI/2 BPSK	1	214	21.73	21.84	21.74	
40	PI/2 BPSK	108	0	21.88	21.97	21.87	23.1
40	PI/2 BPSK	108	54	21.96	22.03	21.94	23.1
40	PI/2 BPSK	108	108	21.89	22.01	21.90	23.1
40	PI/2 BPSK	216	0	21.90	21.98	21.80	
40	QPSK	1	1	21.92	22.03	21.94	23.1
40	QPSK	1	108	22.01	22.11	21.93	
40	QPSK	1	214	21.74	21.89	21.73	
40	QPSK	108	0	21.92	21.98	21.84	23.1
40	QPSK	108	54	21.97	22.03	21.93	23.1
40	QPSK	108	108	22.02	22.08	21.96	23.1
40	QPSK	216	0	21.83	21.98	21.90	
40	16QAM	1	1	21.98	22.05	21.96	23.1
40	64QAM	1	1	21.94	22.06	21.98	23.1
40	256QAM	1	1	20.06	20.16	20.05	21.1
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.93	21.98	21.93	23.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.78	21.85	21.77	23.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.85	21.97	21.92	23.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.82	21.93	21.91	23.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.90	22.01	21.78	23.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.74	21.93	21.76	23.1



<FR1 n66 Ant 0 TX1 Index 5>

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	22.94	23.03	22.95	24.2
40	PI/2 BPSK	1	108	23.13	23.19	23.11	
40	PI/2 BPSK	1	214	22.73	22.84	22.74	
40	PI/2 BPSK	108	0	22.88	22.97	22.87	24.2
40	PI/2 BPSK	108	54	22.96	23.03	22.94	24.2
40	PI/2 BPSK	108	108	22.89	23.01	22.90	24.2
40	PI/2 BPSK	216	0	22.90	22.98	22.80	
40	QPSK	1	1	22.92	23.03	22.94	24.2
40	QPSK	1	108	23.01	23.11	22.93	
40	QPSK	1	214	22.74	22.89	22.73	
40	QPSK	108	0	22.92	22.98	22.84	24.2
40	QPSK	108	54	22.97	23.03	22.93	24.2
40	QPSK	108	108	23.02	23.08	22.96	24.2
40	QPSK	216	0	22.83	22.98	22.90	
40	16QAM	1	1	22.98	23.05	22.96	24.2
40	64QAM	1	1	22.94	23.06	22.98	23.2
40	256QAM	1	1	20.06	20.16	20.05	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.93	22.98	22.93	24.2
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.78	22.85	22.77	24.2
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.85	22.97	22.92	24.2
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.82	22.93	22.91	24.2
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.90	23.01	22.78	24.2
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.74	22.93	22.76	24.2



<FR1 n66 Ant 0 TX1 Index 6>

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	22.94	23.03	22.95	23.4
40	PI/2 BPSK	1	108	23.13	23.19	23.11	
40	PI/2 BPSK	1	214	22.73	22.84	22.74	
40	PI/2 BPSK	108	0	22.88	22.97	22.87	23.4
40	PI/2 BPSK	108	54	22.96	23.03	22.94	23.4
40	PI/2 BPSK	108	108	22.89	23.01	22.90	23.4
40	PI/2 BPSK	216	0	22.90	22.98	22.80	
40	QPSK	1	1	22.92	23.03	22.94	23.4
40	QPSK	1	108	23.01	23.11	22.93	
40	QPSK	1	214	22.74	22.89	22.73	
40	QPSK	108	0	22.92	22.98	22.84	23.4
40	QPSK	108	54	22.97	23.03	22.93	23.4
40	QPSK	108	108	23.02	23.08	22.96	23.4
40	QPSK	216	0	22.83	22.98	22.90	
40	16QAM	1	1	22.98	23.05	22.96	23.4
40	64QAM	1	1	22.94	23.06	22.98	23.2
40	256QAM	1	1	20.06	20.16	20.05	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.93	22.98	22.93	23.4
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.78	22.85	22.77	23.4
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.85	22.97	22.92	23.4
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.82	22.93	22.91	23.4
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.90	23.01	22.78	23.4
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.74	22.93	22.76	23.4



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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	25.7
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.57	24.60	24.43	
40	PI/2 BPSK	1	108	24.69	24.72	24.65	25.2
40	PI/2 BPSK	1	214	24.28	24.39	24.26	
40	PI/2 BPSK	108	0	23.99	24.04	23.90	25.2
40	PI/2 BPSK	108	54	24.49	24.62	24.52	25.7
40	PI/2 BPSK	108	108	24.29	24.41	24.28	25.2
40	PI/2 BPSK	216	0	23.91	24.04	23.94	
40	QPSK	1	1	24.54	24.64	24.53	25.7
40	QPSK	1	108	24.63	24.71	24.60	
40	QPSK	1	214	24.37	24.41	24.31	
40	QPSK	108	0	23.51	23.56	23.39	24.7
40	QPSK	108	54	24.53	24.61	24.47	25.7
40	QPSK	108	108	23.83	23.92	23.85	24.7
40	QPSK	216	0	23.49	23.56	23.42	
40	16QAM	1	1	23.60	23.69	23.62	24.7
40	64QAM	1	1	22.06	22.09	21.95	23.2
40	256QAM	1	1	20.03	20.14	20.07	21.2
Channel				345000	349000	353000	25.7
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.50	24.42	24.33	25.7
Channel				344500	349000	353500	25.7
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.53	24.56	24.30	25.7
Channel				344000	349000	354000	25.7
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.53	24.53	24.42	25.7
Channel				343500	349000	354500	25.7
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.45	24.58	24.36	25.7
Channel				343000	349000	355000	25.7
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.54	24.47	24.36	25.7
Channel				342500	349000	355500	25.7
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.57	24.58	24.34	25.7



<FR1 n66 Ant 0 TX1 Index 9>

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	21.3
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.98	21.07	20.97	21.3
40	PI/2 BPSK	1	108	21.15	21.20	21.12	
40	PI/2 BPSK	1	214	20.73	20.88	20.75	
40	PI/2 BPSK	108	0	20.93	21.01	20.85	21.3
40	PI/2 BPSK	108	54	20.95	21.08	20.97	21.3
40	PI/2 BPSK	108	108	20.98	21.04	20.87	21.3
40	PI/2 BPSK	216	0	20.88	21.02	20.93	
40	QPSK	1	1	21.04	21.12	21.04	21.3
40	QPSK	1	108	21.08	21.18	21.10	
40	QPSK	1	214	20.84	20.92	20.82	
40	QPSK	108	0	20.92	21.00	20.91	21.3
40	QPSK	108	54	20.98	21.06	20.96	21.3
40	QPSK	108	108	20.95	21.03	20.94	21.3
40	QPSK	216	0	20.95	21.05	20.92	
40	16QAM	1	1	21.00	21.14	21.04	21.3
40	64QAM	1	1	20.97	21.05	20.97	21.3
40	256QAM	1	1	20.11	20.19	20.05	21.2
Channel				345000	349000	353000	21.3
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.93	21.06	20.85	21.3
Channel				344500	349000	353500	21.3
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.88	21.00	20.86	21.3
Channel				344000	349000	354000	21.3
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.82	20.96	20.90	21.3
Channel				343500	349000	354500	21.3
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.98	21.06	20.85	21.3
Channel				343000	349000	355000	21.3
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.93	20.90	20.83	21.3
Channel				342500	349000	355500	21.3
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.83	20.87	20.83	21.3



<FR1 n66 Ant 0 TX1 Index 10>

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	20.98	21.07	20.97	22.1
40	PI/2 BPSK	1	108	21.15	21.20	21.12	
40	PI/2 BPSK	1	214	20.73	20.88	20.75	
40	PI/2 BPSK	108	0	20.93	21.01	20.85	22.1
40	PI/2 BPSK	108	54	20.95	21.08	20.97	22.1
40	PI/2 BPSK	108	108	20.98	21.04	20.87	22.1
40	PI/2 BPSK	216	0	20.88	21.02	20.93	
40	QPSK	1	1	21.04	21.12	21.04	22.1
40	QPSK	1	108	21.08	21.18	21.10	
40	QPSK	1	214	20.84	20.92	20.82	
40	QPSK	108	0	20.92	21.00	20.91	22.1
40	QPSK	108	54	20.98	21.06	20.96	22.1
40	QPSK	108	108	20.95	21.03	20.94	22.1
40	QPSK	216	0	20.95	21.05	20.92	
40	16QAM	1	1	21.00	21.14	21.04	22.1
40	64QAM	1	1	20.97	21.05	20.97	22.1
40	256QAM	1	1	20.11	20.19	20.05	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.93	21.06	20.85	22.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.88	21.00	20.86	22.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.82	20.96	20.90	22.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.98	21.06	20.85	22.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.93	20.90	20.83	22.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.83	20.87	20.83	22.1



<FR1 n66 Ant 0 TX1 Index 11>

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	21.3
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.98	21.07	20.97	21.3
40	PI/2 BPSK	1	108	21.15	21.20	21.12	
40	PI/2 BPSK	1	214	20.73	20.88	20.75	
40	PI/2 BPSK	108	0	20.93	21.01	20.85	21.3
40	PI/2 BPSK	108	54	20.95	21.08	20.97	21.3
40	PI/2 BPSK	108	108	20.98	21.04	20.87	21.3
40	PI/2 BPSK	216	0	20.88	21.02	20.93	
40	QPSK	1	1	21.04	21.12	21.04	21.3
40	QPSK	1	108	21.08	21.18	21.10	
40	QPSK	1	214	20.84	20.92	20.82	
40	QPSK	108	0	20.92	21.00	20.91	21.3
40	QPSK	108	54	20.98	21.06	20.96	21.3
40	QPSK	108	108	20.95	21.03	20.94	21.3
40	QPSK	216	0	20.95	21.05	20.92	
40	16QAM	1	1	21.00	21.14	21.04	21.3
40	64QAM	1	1	20.97	21.05	20.97	21.3
40	256QAM	1	1	20.11	20.19	20.05	21.2
Channel				345000	349000	353000	21.3
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.93	21.06	20.85	21.3
Channel				344500	349000	353500	21.3
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.88	21.00	20.86	21.3
Channel				344000	349000	354000	21.3
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.82	20.96	20.90	21.3
Channel				343500	349000	354500	21.3
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.98	21.06	20.85	21.3
Channel				343000	349000	355000	21.3
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.93	20.90	20.83	21.3
Channel				342500	349000	355500	21.3
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.83	20.87	20.83	21.3



<FR1 n66 Ant 1 Sub TX0 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				346000	349000	352000	23.2
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.66	21.74	21.59	
40	PI/2 BPSK	1	108	21.94	21.96	21.85	23.2
40	PI/2 BPSK	1	214	21.54	21.64	21.47	
40	PI/2 BPSK	108	0	21.72	21.83	21.66	23.2
40	PI/2 BPSK	108	54	21.85	21.89	21.74	23.2
40	PI/2 BPSK	108	108	21.71	21.73	21.52	23.2
40	PI/2 BPSK	216	0	21.77	21.87	21.72	
40	QPSK	1	1	21.70	21.77	21.56	23.2
40	QPSK	1	108	21.87	21.95	21.74	
40	QPSK	1	214	21.52	21.56	21.38	
40	QPSK	108	0	21.69	21.79	21.59	23.2
40	QPSK	108	54	21.74	21.86	21.71	23.2
40	QPSK	108	108	21.69	21.71	21.58	23.2
40	QPSK	216	0	21.83	21.86	21.75	
40	16QAM	1	1	21.64	21.74	21.57	23.2
40	64QAM	1	1	21.63	21.72	21.59	23.2
40	256QAM	1	1	20.22	20.28	20.14	21.2
Channel				345000	349000	353000	23.2
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.50	21.70	21.58	
Channel				344500	349000	353500	23.2
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.55	21.54	21.47	
Channel				344000	349000	354000	23.2
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.48	21.56	21.51	
Channel				343500	349000	354500	23.2
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.51	21.66	21.54	
Channel				343000	349000	355000	23.2
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.61	21.71	21.48	
Channel				342500	349000	355500	23.2
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.52	21.67	21.42	



<FR1 n66 Ant 1 Sub TX0 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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.66	21.74	21.59	22.4
40	PI/2 BPSK	1	108	21.94	21.96	21.85	
40	PI/2 BPSK	1	214	21.54	21.64	21.47	
40	PI/2 BPSK	108	0	21.72	21.83	21.66	22.4
40	PI/2 BPSK	108	54	21.85	21.89	21.74	22.4
40	PI/2 BPSK	108	108	21.71	21.73	21.52	22.4
40	PI/2 BPSK	216	0	21.77	21.87	21.72	
40	QPSK	1	1	21.70	21.77	21.56	22.4
40	QPSK	1	108	21.87	21.95	21.74	
40	QPSK	1	214	21.52	21.56	21.38	
40	QPSK	108	0	21.69	21.79	21.59	22.4
40	QPSK	108	54	21.74	21.86	21.71	22.4
40	QPSK	108	108	21.69	21.71	21.58	22.4
40	QPSK	216	0	21.83	21.86	21.75	
40	16QAM	1	1	21.64	21.74	21.57	22.4
40	64QAM	1	1	21.63	21.72	21.59	22.4
40	256QAM	1	1	20.22	20.28	20.14	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.50	21.70	21.58	22.4
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.55	21.54	21.47	22.4
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.48	21.56	21.51	22.4
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.51	21.66	21.54	22.4
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.61	21.71	21.48	22.4
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.52	21.67	21.42	22.4



<FR1 n66 Ant 1 Sub TX0 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				346000	349000	352000	25.1
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.80	24.88	24.74	25.1
40	PI/2 BPSK	1	108	25.06	25.10	25.06	
40	PI/2 BPSK	1	214	24.68	24.77	24.63	
40	PI/2 BPSK	108	0	24.34	24.45	24.37	25.1
40	PI/2 BPSK	108	54	24.92	24.98	24.86	25.1
40	PI/2 BPSK	108	108	24.32	24.40	24.26	25.1
40	PI/2 BPSK	216	0	24.35	24.45	24.33	
40	QPSK	1	1	24.84	24.90	24.85	25.1
40	QPSK	1	108	24.97	25.09	25.01	
40	QPSK	1	214	24.64	24.77	24.63	
40	QPSK	108	0	23.83	23.98	23.90	24.7
40	QPSK	108	54	24.92	24.99	24.93	25.1
40	QPSK	108	108	23.81	23.90	23.78	24.7
40	QPSK	216	0	23.86	23.96	23.84	
40	16QAM	1	1	23.84	23.91	23.81	24.7
40	64QAM	1	1	22.18	22.31	22.19	23.2
40	256QAM	1	1	20.24	20.34	20.24	21.2
Channel				345000	349000	353000	25.1
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.64	24.76	24.73	25.1
Channel				344500	349000	353500	25.1
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.80	24.68	24.61	25.1
Channel				344000	349000	354000	25.1
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.67	24.82	24.60	25.1
Channel				343500	349000	354500	25.1
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.68	24.74	24.54	25.1
Channel				343000	349000	355000	25.1
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.75	24.75	24.70	25.1
Channel				342500	349000	355500	25.1
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.61	24.82	24.54	25.1



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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	24.80	24.88	24.74	25.7
40	PI/2 BPSK	1	108	25.06	25.10	25.06	
40	PI/2 BPSK	1	214	24.68	24.77	24.63	
40	PI/2 BPSK	108	0	24.34	24.45	24.37	25.2
40	PI/2 BPSK	108	54	24.92	24.98	24.86	25.7
40	PI/2 BPSK	108	108	24.32	24.40	24.26	25.2
40	PI/2 BPSK	216	0	24.35	24.45	24.33	
40	QPSK	1	1	24.84	24.90	24.85	25.7
40	QPSK	1	108	24.97	25.09	25.01	
40	QPSK	1	214	24.64	24.77	24.63	
40	QPSK	108	0	23.83	23.98	23.90	24.7
40	QPSK	108	54	24.92	24.99	24.93	25.7
40	QPSK	108	108	23.81	23.90	23.78	24.7
40	QPSK	216	0	23.86	23.96	23.84	
40	16QAM	1	1	23.84	23.91	23.81	24.7
40	64QAM	1	1	22.18	22.31	22.19	23.2
40	256QAM	1	1	20.24	20.34	20.24	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.64	24.76	24.73	25.7
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.80	24.68	24.61	25.7
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.67	24.82	24.60	25.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.68	24.74	24.54	25.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.75	24.75	24.70	25.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.61	24.82	24.54	25.7



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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	19.33	19.42	19.34	20.4
40	PI/2 BPSK	1	108	19.59	19.60	19.55	
40	PI/2 BPSK	1	214	19.24	19.25	19.17	
40	PI/2 BPSK	108	0	19.40	19.46	19.33	20.4
40	PI/2 BPSK	108	54	19.38	19.49	19.34	20.4
40	PI/2 BPSK	108	108	19.32	19.38	19.30	20.4
40	PI/2 BPSK	216	0	19.37	19.47	19.38	
40	QPSK	1	1	19.40	19.43	19.31	20.4
40	QPSK	1	108	19.57	19.58	19.53	
40	QPSK	1	214	19.21	19.22	19.07	
40	QPSK	108	0	19.43	19.47	19.34	20.4
40	QPSK	108	54	19.43	19.48	19.35	20.4
40	QPSK	108	108	19.29	19.37	19.24	20.4
40	QPSK	216	0	19.44	19.46	19.36	
40	16QAM	1	1	19.34	19.42	19.27	20.4
40	64QAM	1	1	19.28	19.35	19.30	20.4
40	256QAM	1	1	19.29	19.38	19.25	20.4
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.31	19.32	19.23	20.4
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.15	19.35	19.28	20.4
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.16	19.38	19.17	20.4
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.18	19.30	19.17	20.4
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.15	19.32	19.26	20.4
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.31	19.36	19.18	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	19.33	19.42	19.34	19.6
40	PI/2 BPSK	1	108	19.59	19.60	19.55	
40	PI/2 BPSK	1	214	19.24	19.25	19.17	
40	PI/2 BPSK	108	0	19.40	19.46	19.33	19.6
40	PI/2 BPSK	108	54	19.38	19.49	19.34	19.6
40	PI/2 BPSK	108	108	19.32	19.38	19.30	19.6
40	PI/2 BPSK	216	0	19.37	19.47	19.38	
40	QPSK	1	1	19.40	19.43	19.31	19.6
40	QPSK	1	108	19.57	19.58	19.53	
40	QPSK	1	214	19.21	19.22	19.07	
40	QPSK	108	0	19.43	19.47	19.34	19.6
40	QPSK	108	54	19.43	19.48	19.35	19.6
40	QPSK	108	108	19.29	19.37	19.24	19.6
40	QPSK	216	0	19.44	19.46	19.36	
40	16QAM	1	1	19.34	19.42	19.27	19.6
40	64QAM	1	1	19.28	19.35	19.30	19.6
40	256QAM	1	1	19.29	19.38	19.25	19.6
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.31	19.32	19.23	19.6
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.15	19.35	19.28	19.6
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.16	19.38	19.17	19.6
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.18	19.30	19.17	19.6
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.15	19.32	19.26	19.6
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.31	19.36	19.18	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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.38	23.40	23.32	24.1
40	PI/2 BPSK	1	108	23.64	23.65	23.60	
40	PI/2 BPSK	1	214	23.21	23.28	23.22	
40	PI/2 BPSK	108	0	23.39	23.50	23.35	24.1
40	PI/2 BPSK	108	54	23.44	23.53	23.39	24.1
40	PI/2 BPSK	108	108	23.35	23.44	23.38	24.1
40	PI/2 BPSK	216	0	23.43	23.51	23.43	
40	QPSK	1	1	23.39	23.46	23.40	24.1
40	QPSK	1	108	23.54	23.64	23.50	
40	QPSK	1	214	23.20	23.24	23.11	
40	QPSK	108	0	23.36	23.40	23.26	24.1
40	QPSK	108	54	23.38	23.48	23.35	24.1
40	QPSK	108	108	23.35	23.42	23.30	24.1
40	QPSK	216	0	23.32	23.43	23.32	
40	16QAM	1	1	23.37	23.45	23.35	24.1
40	64QAM	1	1	22.42	22.50	22.39	23.2
40	256QAM	1	1	20.42	20.50	20.35	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.28	23.34	23.14	24.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.23	23.39	23.22	24.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.28	23.26	23.19	24.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.31	23.22	23.31	24.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.20	23.31	23.14	24.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.25	23.35	23.23	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	23.38	23.40	23.32	24.9
40	PI/2 BPSK	1	108	23.64	23.65	23.60	
40	PI/2 BPSK	1	214	23.21	23.28	23.22	
40	PI/2 BPSK	108	0	23.39	23.50	23.35	24.9
40	PI/2 BPSK	108	54	23.44	23.53	23.39	24.9
40	PI/2 BPSK	108	108	23.35	23.44	23.38	24.9
40	PI/2 BPSK	216	0	23.43	23.51	23.43	
40	QPSK	1	1	23.39	23.46	23.40	24.9
40	QPSK	1	108	23.54	23.64	23.50	
40	QPSK	1	214	23.20	23.24	23.11	
40	QPSK	108	0	23.36	23.40	23.26	24.7
40	QPSK	108	54	23.38	23.48	23.35	24.9
40	QPSK	108	108	23.35	23.42	23.30	24.7
40	QPSK	216	0	23.32	23.43	23.32	
40	16QAM	1	1	23.37	23.45	23.35	24.7
40	64QAM	1	1	22.42	22.50	22.39	23.2
40	256QAM	1	1	20.42	20.50	20.35	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.28	23.34	23.14	24.9
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.23	23.39	23.22	24.9
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.28	23.26	23.19	24.9
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.31	23.22	23.31	24.9
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.20	23.31	23.14	24.9
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.25	23.35	23.23	24.9



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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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.38	23.40	23.32	24.1
40	PI/2 BPSK	1	108	23.64	23.65	23.60	
40	PI/2 BPSK	1	214	23.21	23.28	23.22	
40	PI/2 BPSK	108	0	23.39	23.50	23.35	24.1
40	PI/2 BPSK	108	54	23.44	23.53	23.39	24.1
40	PI/2 BPSK	108	108	23.35	23.44	23.38	24.1
40	PI/2 BPSK	216	0	23.43	23.51	23.43	
40	QPSK	1	1	23.39	23.46	23.40	24.1
40	QPSK	1	108	23.54	23.64	23.50	
40	QPSK	1	214	23.20	23.24	23.11	
40	QPSK	108	0	23.36	23.40	23.26	24.1
40	QPSK	108	54	23.38	23.48	23.35	24.1
40	QPSK	108	108	23.35	23.42	23.30	24.1
40	QPSK	216	0	23.32	23.43	23.32	
40	16QAM	1	1	23.37	23.45	23.35	24.1
40	64QAM	1	1	22.42	22.50	22.39	23.2
40	256QAM	1	1	20.42	20.50	20.35	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.28	23.34	23.14	24.1
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.23	23.39	23.22	24.1
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.28	23.26	23.19	24.1
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.31	23.22	23.31	24.1
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.20	23.31	23.14	24.1
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.25	23.35	23.23	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	24.98	24.89	24.78	25.7
40	PI/2 BPSK	1	108	25.06	24.97	24.87	
40	PI/2 BPSK	1	214	24.59	24.54	24.37	
40	PI/2 BPSK	108	0	24.45	24.44	24.32	25.2
40	PI/2 BPSK	108	54	24.83	24.82	24.62	25.7
40	PI/2 BPSK	108	108	24.14	24.15	23.99	25.2
40	PI/2 BPSK	216	0	24.35	24.33	24.15	
40	QPSK	1	1	24.99	24.95	24.84	25.7
40	QPSK	1	108	25.04	24.96	24.80	
40	QPSK	1	214	24.57	24.53	24.41	
40	QPSK	108	0	23.95	23.96	23.80	24.7
40	QPSK	108	54	24.92	24.84	24.74	25.7
40	QPSK	108	108	23.69	23.67	23.54	24.7
40	QPSK	216	0	23.84	23.84	23.72	
40	16QAM	1	1	23.94	23.95	23.79	24.7
40	64QAM	1	1	22.43	22.34	22.16	23.2
40	256QAM	1	1	20.37	20.38	20.18	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.83	24.70	24.76	25.7
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.93	24.86	24.69	25.7
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.87	24.76	24.75	25.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.89	24.79	24.78	25.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.81	24.76	24.60	25.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.81	24.82	24.66	25.7



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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	24.98	24.89	24.78	25.7
40	PI/2 BPSK	1	108	25.06	24.97	24.87	
40	PI/2 BPSK	1	214	24.59	24.54	24.37	
40	PI/2 BPSK	108	0	24.45	24.44	24.32	25.2
40	PI/2 BPSK	108	54	24.83	24.82	24.62	25.7
40	PI/2 BPSK	108	108	24.14	24.15	23.99	25.2
40	PI/2 BPSK	216	0	24.35	24.33	24.15	
40	QPSK	1	1	24.99	24.95	24.84	25.7
40	QPSK	1	108	25.04	24.96	24.80	
40	QPSK	1	214	24.57	24.53	24.41	
40	QPSK	108	0	23.95	23.96	23.80	24.7
40	QPSK	108	54	24.92	24.84	24.74	25.7
40	QPSK	108	108	23.69	23.67	23.54	24.7
40	QPSK	216	0	23.84	23.84	23.72	
40	16QAM	1	1	23.94	23.95	23.79	24.7
40	64QAM	1	1	22.43	22.34	22.16	23.2
40	256QAM	1	1	20.37	20.38	20.18	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.83	24.70	24.76	25.7
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.93	24.86	24.69	25.7
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.87	24.76	24.75	25.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.89	24.79	24.78	25.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.81	24.76	24.60	25.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.81	24.82	24.66	25.7



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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	24.98	24.89	24.78	25.7
40	PI/2 BPSK	1	108	25.06	24.97	24.87	
40	PI/2 BPSK	1	214	24.59	24.54	24.37	
40	PI/2 BPSK	108	0	24.45	24.44	24.32	25.2
40	PI/2 BPSK	108	54	24.83	24.82	24.62	25.7
40	PI/2 BPSK	108	108	24.14	24.15	23.99	25.2
40	PI/2 BPSK	216	0	24.35	24.33	24.15	
40	QPSK	1	1	24.99	24.95	24.84	25.7
40	QPSK	1	108	25.04	24.96	24.80	
40	QPSK	1	214	24.57	24.53	24.41	
40	QPSK	108	0	23.95	23.96	23.80	24.7
40	QPSK	108	54	24.92	24.84	24.74	25.7
40	QPSK	108	108	23.69	23.67	23.54	24.7
40	QPSK	216	0	23.84	23.84	23.72	
40	16QAM	1	1	23.94	23.95	23.79	24.7
40	64QAM	1	1	22.43	22.34	22.16	23.2
40	256QAM	1	1	20.37	20.38	20.18	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.83	24.70	24.76	25.7
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.93	24.86	24.69	25.7
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.87	24.76	24.75	25.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.89	24.79	24.78	25.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.81	24.76	24.60	25.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.81	24.82	24.66	25.7



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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	24.98	24.89	24.78	25.7
40	PI/2 BPSK	1	108	25.06	24.97	24.87	
40	PI/2 BPSK	1	214	24.59	24.54	24.37	
40	PI/2 BPSK	108	0	24.45	24.44	24.32	25.2
40	PI/2 BPSK	108	54	24.83	24.82	24.62	25.7
40	PI/2 BPSK	108	108	24.14	24.15	23.99	25.2
40	PI/2 BPSK	216	0	24.35	24.33	24.15	
40	QPSK	1	1	24.99	24.95	24.84	25.7
40	QPSK	1	108	25.04	24.96	24.80	
40	QPSK	1	214	24.57	24.53	24.41	
40	QPSK	108	0	23.95	23.96	23.80	24.7
40	QPSK	108	54	24.92	24.84	24.74	25.7
40	QPSK	108	108	23.69	23.67	23.54	24.7
40	QPSK	216	0	23.84	23.84	23.72	
40	16QAM	1	1	23.94	23.95	23.79	24.7
40	64QAM	1	1	22.43	22.34	22.16	23.2
40	256QAM	1	1	20.37	20.38	20.18	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.83	24.70	24.76	25.7
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.93	24.86	24.69	25.7
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.87	24.76	24.75	25.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.89	24.79	24.78	25.7
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.81	24.76	24.60	25.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.81	24.82	24.66	25.7



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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	21.42	21.41	21.20	22.4
40	PI/2 BPSK	1	108	21.56	21.46	21.35	
40	PI/2 BPSK	1	214	21.09	21.00	20.83	
40	PI/2 BPSK	108	0	21.37	21.34	21.13	22.4
40	PI/2 BPSK	108	54	21.45	21.45	21.25	22.4
40	PI/2 BPSK	108	108	21.17	21.15	21.02	22.4
40	PI/2 BPSK	216	0	21.41	21.33	21.17	
40	QPSK	1	1	21.44	21.40	21.21	22.4
40	QPSK	1	108	21.54	21.45	21.32	
40	QPSK	1	214	21.14	21.06	20.86	
40	QPSK	108	0	21.33	21.28	21.10	22.4
40	QPSK	108	54	21.33	21.30	21.09	22.4
40	QPSK	108	108	21.34	21.27	21.07	22.4
40	QPSK	216	0	21.39	21.30	21.13	
40	16QAM	1	1	21.45	21.45	21.34	22.4
40	64QAM	1	1	21.47	21.37	21.25	22.4
40	256QAM	1	1	20.57	20.51	20.35	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.40	21.37	21.01	22.4
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.29	21.41	21.06	22.4
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.30	21.24	21.05	22.4
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.42	21.32	21.06	22.4
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.25	21.34	21.13	22.4
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.26	21.24	21.15	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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.42	21.41	21.20	23.2
40	PI/2 BPSK	1	108	21.56	21.46	21.35	
40	PI/2 BPSK	1	214	21.29	21.20	21.23	
40	PI/2 BPSK	108	0	21.37	21.34	21.20	23.2
40	PI/2 BPSK	108	54	21.45	21.45	21.25	23.2
40	PI/2 BPSK	108	108	21.27	21.25	21.22	23.2
40	PI/2 BPSK	216	0	21.41	21.33	21.27	
40	QPSK	1	1	21.44	21.40	21.21	23.2
40	QPSK	1	108	21.54	21.45	21.32	
40	QPSK	1	214	21.24	21.26	21.26	
40	QPSK	108	0	21.33	21.28	21.20	23.2
40	QPSK	108	54	21.33	21.30	21.29	23.2
40	QPSK	108	108	21.34	21.27	21.27	23.2
40	QPSK	216	0	21.39	21.30	21.23	
40	16QAM	1	1	21.45	21.45	21.34	23.2
40	64QAM	1	1	21.47	21.37	21.25	23.2
40	256QAM	1	1	20.57	20.51	20.35	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.40	21.37	21.21	23.2
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.29	21.41	21.26	23.2
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.30	21.24	21.25	23.2
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.42	21.32	21.26	23.2
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.25	21.34	21.23	23.2
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.26	21.24	21.25	23.2



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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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.42	21.41	21.20	22.4
40	PI/2 BPSK	1	108	21.56	21.46	21.35	
40	PI/2 BPSK	1	214	21.29	21.20	21.23	
40	PI/2 BPSK	108	0	21.37	21.34	21.20	22.4
40	PI/2 BPSK	108	54	21.45	21.45	21.25	22.4
40	PI/2 BPSK	108	108	21.27	21.25	21.22	22.4
40	PI/2 BPSK	216	0	21.41	21.33	21.27	
40	QPSK	1	1	21.44	21.40	21.21	22.4
40	QPSK	1	108	21.54	21.45	21.32	
40	QPSK	1	214	21.24	21.26	21.26	
40	QPSK	108	0	21.33	21.28	21.20	22.4
40	QPSK	108	54	21.33	21.30	21.29	22.4
40	QPSK	108	108	21.34	21.27	21.27	22.4
40	QPSK	216	0	21.39	21.30	21.23	
40	16QAM	1	1	21.45	21.45	21.34	22.4
40	64QAM	1	1	21.47	21.37	21.25	22.4
40	256QAM	1	1	20.57	20.51	20.35	21.2
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.40	21.37	21.21	22.4
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.29	21.41	21.26	22.4
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.30	21.24	21.25	22.4
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.42	21.32	21.26	22.4
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.25	21.34	21.23	22.4
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.26	21.24	21.25	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				134600	136100	137600	25.7
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.76	24.74	24.61	25.7
20	PI/2 BPSK	1	53	24.90	24.86	24.83	
20	PI/2 BPSK	1	104	24.66	24.70	24.57	
20	PI/2 BPSK	50	0	24.24	24.21	24.14	25.2
20	PI/2 BPSK	50	28	24.67	24.73	24.65	25.7
20	PI/2 BPSK	50	56	24.20	24.21	24.10	25.2
20	PI/2 BPSK	100	0	24.21	24.22	24.14	
20	QPSK	1	1	24.72	24.75	24.71	25.7
20	QPSK	1	53	24.87	24.83	24.73	
20	QPSK	1	104	24.71	24.72	24.66	
20	QPSK	50	0	23.67	23.69	23.62	24.7
20	QPSK	50	28	24.74	24.72	24.68	25.7
20	QPSK	50	56	23.72	23.72	23.67	24.7
20	QPSK	100	0	23.68	23.72	23.65	
20	16QAM	1	1	23.71	23.76	23.73	24.7
20	64QAM	1	1	22.16	22.15	22.08	23.2
20	256QAM	1	1	20.20	20.19	20.07	21.2
Channel				134100	136100	138100	25.7
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.76	24.67	24.47	25.7
Channel				133600	136100	138600	25.7
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.58	24.43	25.7
Channel				133100	136100	139100	25.7
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.71	24.69	24.52	25.7



<FR1 n71 Ant 2 TX0 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				134600	136100	137600	25.7
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.76	24.74	24.61	25.7
20	PI/2 BPSK	1	53	24.90	24.86	24.83	
20	PI/2 BPSK	1	104	24.66	24.70	24.57	
20	PI/2 BPSK	50	0	24.24	24.21	24.14	25.2
20	PI/2 BPSK	50	28	24.67	24.73	24.65	25.7
20	PI/2 BPSK	50	56	24.20	24.21	24.10	25.2
20	PI/2 BPSK	100	0	24.21	24.22	24.14	
20	QPSK	1	1	24.72	24.75	24.71	25.7
20	QPSK	1	53	24.87	24.83	24.73	
20	QPSK	1	104	24.71	24.72	24.66	
20	QPSK	50	0	23.67	23.69	23.62	24.7
20	QPSK	50	28	24.74	24.72	24.68	25.7
20	QPSK	50	56	23.72	23.72	23.67	24.7
20	QPSK	100	0	23.68	23.72	23.65	
20	16QAM	1	1	23.71	23.76	23.73	24.7
20	64QAM	1	1	22.16	22.15	22.08	23.2
20	256QAM	1	1	20.20	20.19	20.07	21.2
Channel				134100	136100	138100	25.7
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.76	24.67	24.47	25.7
Channel				133600	136100	138600	25.7
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.58	24.43	25.7
Channel				133100	136100	139100	25.7
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.71	24.69	24.52	25.7



<FR1 n71 Ant 0 TX0 Index 5/6>

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	25.7
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.76	24.74	24.61	25.7
20	PI/2 BPSK	1	53	24.90	24.86	24.83	
20	PI/2 BPSK	1	104	24.66	24.70	24.57	
20	PI/2 BPSK	50	0	24.24	24.21	24.14	25.2
20	PI/2 BPSK	50	28	24.67	24.73	24.65	25.7
20	PI/2 BPSK	50	56	24.20	24.21	24.10	25.2
20	PI/2 BPSK	100	0	24.21	24.22	24.14	
20	QPSK	1	1	24.72	24.75	24.71	25.7
20	QPSK	1	53	24.87	24.83	24.73	
20	QPSK	1	104	24.71	24.72	24.66	
20	QPSK	50	0	23.67	23.69	23.62	24.7
20	QPSK	50	28	24.74	24.72	24.68	25.7
20	QPSK	50	56	23.72	23.72	23.67	24.7
20	QPSK	100	0	23.68	23.72	23.65	
20	16QAM	1	1	23.71	23.76	23.73	24.7
20	64QAM	1	1	22.16	22.15	22.08	23.2
20	256QAM	1	1	20.20	20.19	20.07	21.2
Channel				134100	136100	138100	25.7
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.76	24.67	24.47	25.7
Channel				133600	136100	138600	25.7
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.58	24.43	25.7
Channel				133100	136100	139100	25.7
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.71	24.69	24.52	25.7



<FR1 n71 Ant 0 TX0 Index 7/8>

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	25.7
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.76	24.74	24.61	25.7
20	PI/2 BPSK	1	53	24.90	24.86	24.83	
20	PI/2 BPSK	1	104	24.66	24.70	24.57	
20	PI/2 BPSK	50	0	24.24	24.21	24.14	25.2
20	PI/2 BPSK	50	28	24.67	24.73	24.65	25.7
20	PI/2 BPSK	50	56	24.20	24.21	24.10	25.2
20	PI/2 BPSK	100	0	24.21	24.22	24.14	
20	QPSK	1	1	24.72	24.75	24.71	25.7
20	QPSK	1	53	24.87	24.83	24.73	
20	QPSK	1	104	24.71	24.72	24.66	
20	QPSK	50	0	23.67	23.69	23.62	24.7
20	QPSK	50	28	24.74	24.72	24.68	25.7
20	QPSK	50	56	23.72	23.72	23.67	24.7
20	QPSK	100	0	23.68	23.72	23.65	
20	16QAM	1	1	23.71	23.76	23.73	24.7
20	64QAM	1	1	22.16	22.15	22.08	23.2
20	256QAM	1	1	20.20	20.19	20.07	21.2
Channel				134100	136100	138100	25.7
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.76	24.67	24.47	25.7
Channel				133600	136100	138600	25.7
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.58	24.43	25.7
Channel				133100	136100	139100	25.7
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.71	24.69	24.52	25.7



<FR1 n71 Ant 0 TX0 Index 9>

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	25.7
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.76	24.74	24.61	25.7
20	PI/2 BPSK	1	53	24.90	24.86	24.83	
20	PI/2 BPSK	1	104	24.66	24.70	24.57	
20	PI/2 BPSK	50	0	24.24	24.21	24.14	25.2
20	PI/2 BPSK	50	28	24.67	24.73	24.65	25.7
20	PI/2 BPSK	50	56	24.20	24.21	24.10	25.2
20	PI/2 BPSK	100	0	24.21	24.22	24.14	
20	QPSK	1	1	24.72	24.75	24.71	25.7
20	QPSK	1	53	24.87	24.83	24.73	
20	QPSK	1	104	24.71	24.72	24.66	
20	QPSK	50	0	23.67	23.69	23.62	24.7
20	QPSK	50	28	24.74	24.72	24.68	25.7
20	QPSK	50	56	23.72	23.72	23.67	24.7
20	QPSK	100	0	23.68	23.72	23.65	
20	16QAM	1	1	23.71	23.76	23.73	24.7
20	64QAM	1	1	22.16	22.15	22.08	23.2
20	256QAM	1	1	20.20	20.19	20.07	21.2
Channel				134100	136100	138100	25.7
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.76	24.67	24.47	25.7
Channel				133600	136100	138600	25.7
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.58	24.43	25.7
Channel				133100	136100	139100	25.7
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.71	24.69	24.52	25.7



<FR1 n71 Ant 0 TX0 Index 10/11>

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	25.7
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.76	24.74	24.61	25.7
20	PI/2 BPSK	1	53	24.90	24.86	24.83	
20	PI/2 BPSK	1	104	24.66	24.70	24.57	
20	PI/2 BPSK	50	0	24.24	24.21	24.14	25.2
20	PI/2 BPSK	50	28	24.67	24.73	24.65	25.7
20	PI/2 BPSK	50	56	24.20	24.21	24.10	25.2
20	PI/2 BPSK	100	0	24.21	24.22	24.14	
20	QPSK	1	1	24.72	24.75	24.71	25.7
20	QPSK	1	53	24.87	24.83	24.73	
20	QPSK	1	104	24.71	24.72	24.66	
20	QPSK	50	0	23.67	23.69	23.62	24.7
20	QPSK	50	28	24.74	24.72	24.68	25.7
20	QPSK	50	56	23.72	23.72	23.67	24.7
20	QPSK	100	0	23.68	23.72	23.65	
20	16QAM	1	1	23.71	23.76	23.73	24.7
20	64QAM	1	1	22.16	22.15	22.08	23.2
20	256QAM	1	1	20.20	20.19	20.07	21.2
Channel				134100	136100	138100	25.7
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.76	24.67	24.47	25.7
Channel				133600	136100	138600	25.7
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.58	24.43	25.7
Channel				133100	136100	139100	25.7
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.71	24.69	24.52	25.7



<FR1 n71 Ant 1 TX1 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.79	24.82	24.78	25.7
20	PI/2 BPSK	1	53	25.00	24.94	24.92	
20	PI/2 BPSK	1	104	24.82	24.81	24.73	
20	PI/2 BPSK	50	0	24.28	24.30	24.19	25.2
20	PI/2 BPSK	50	28	24.77	24.80	24.70	25.7
20	PI/2 BPSK	50	56	24.35	24.29	24.26	25.2
20	PI/2 BPSK	100	0	24.29	24.29	24.26	
20	QPSK	1	1	24.86	24.84	24.72	25.7
20	QPSK	1	53	24.90	24.91	24.79	
20	QPSK	1	104	24.87	24.84	24.74	
20	QPSK	50	0	23.82	23.82	23.71	24.7
20	QPSK	50	28	24.84	24.81	24.75	25.7
20	QPSK	50	56	23.81	23.80	23.73	24.7
20	QPSK	100	0	23.85	23.80	23.77	
20	16QAM	1	1	23.85	23.84	23.78	24.7
20	64QAM	1	1	22.26	22.25	22.14	23.2
20	256QAM	1	1	20.30	20.29	20.25	21.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.72	24.73	24.78	25.7
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.72	24.77	25.7
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.63	24.66	24.78	25.7



<FR1 n71 Ant 1 TX1 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				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.79	24.82	24.78	25.7
20	PI/2 BPSK	1	53	25.00	24.94	24.92	
20	PI/2 BPSK	1	104	24.82	24.81	24.73	
20	PI/2 BPSK	50	0	24.28	24.30	24.19	25.2
20	PI/2 BPSK	50	28	24.77	24.80	24.70	25.7
20	PI/2 BPSK	50	56	24.35	24.29	24.26	25.2
20	PI/2 BPSK	100	0	24.29	24.29	24.26	
20	QPSK	1	1	24.86	24.84	24.72	25.7
20	QPSK	1	53	24.90	24.91	24.79	
20	QPSK	1	104	24.87	24.84	24.74	
20	QPSK	50	0	23.82	23.82	23.71	24.7
20	QPSK	50	28	24.84	24.81	24.75	25.7
20	QPSK	50	56	23.81	23.80	23.73	24.7
20	QPSK	100	0	23.85	23.80	23.77	
20	16QAM	1	1	23.85	23.84	23.78	24.7
20	64QAM	1	1	22.26	22.25	22.14	23.2
20	256QAM	1	1	20.30	20.29	20.25	21.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.72	24.73	24.78	25.7
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.72	24.77	25.7
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.63	24.66	24.78	25.7



<FR1 n71 Ant 1 TX1 Index 5/6>

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	25.7
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.79	24.82	24.78	25.7
20	PI/2 BPSK	1	53	25.00	24.94	24.92	
20	PI/2 BPSK	1	104	24.82	24.81	24.73	
20	PI/2 BPSK	50	0	24.28	24.30	24.19	25.2
20	PI/2 BPSK	50	28	24.77	24.80	24.70	25.7
20	PI/2 BPSK	50	56	24.35	24.29	24.26	25.2
20	PI/2 BPSK	100	0	24.29	24.29	24.26	
20	QPSK	1	1	24.86	24.84	24.72	25.7
20	QPSK	1	53	24.90	24.91	24.79	
20	QPSK	1	104	24.87	24.84	24.74	
20	QPSK	50	0	23.82	23.82	23.71	24.7
20	QPSK	50	28	24.84	24.81	24.75	25.7
20	QPSK	50	56	23.81	23.80	23.73	24.7
20	QPSK	100	0	23.85	23.80	23.77	
20	16QAM	1	1	23.85	23.84	23.78	24.7
20	64QAM	1	1	22.26	22.25	22.14	23.2
20	256QAM	1	1	20.30	20.29	20.25	21.2
Channel				134100	136100	138100	25.7
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.72	24.73	24.78	25.7
Channel				133600	136100	138600	25.7
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.72	24.77	25.7
Channel				133100	136100	139100	25.7
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.63	24.66	24.78	25.7



<FR1 n71 Ant 1 TX1 Index 7>

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	24.12	24.11	24.11	25.6
20	PI/2 BPSK	1	53	24.28	24.21	24.25	
20	PI/2 BPSK	1	104	24.16	24.13	24.10	
20	PI/2 BPSK	50	0	24.10	24.10	24.12	25.2
20	PI/2 BPSK	50	28	24.12	24.11	24.08	25.6
20	PI/2 BPSK	50	56	24.16	24.10	24.06	25.2
20	PI/2 BPSK	100	0	24.16	24.12	24.08	
20	QPSK	1	1	24.11	24.08	24.10	25.6
20	QPSK	1	53	24.17	24.16	24.16	
20	QPSK	1	104	24.07	24.10	24.05	
20	QPSK	50	0	24.08	24.08	24.04	24.7
20	QPSK	50	28	24.16	24.11	24.09	25.6
20	QPSK	50	56	24.08	24.08	24.07	24.7
20	QPSK	100	0	24.12	24.11	24.09	
20	16QAM	1	1	23.82	23.85	23.87	24.7
20	64QAM	1	1	22.28	22.21	22.19	23.2
20	256QAM	1	1	20.29	20.26	20.29	21.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.07	24.08	24.11	25.6
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.97	23.95	23.91	25.6
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.97	23.96	24.11	25.6



<FR1 n71 Ant 1 TX1 Index 8>

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	24.12	24.11	24.11	24.8
20	PI/2 BPSK	1	53	24.28	24.21	24.25	
20	PI/2 BPSK	1	104	24.16	24.13	24.10	
20	PI/2 BPSK	50	0	24.10	24.10	24.12	24.8
20	PI/2 BPSK	50	28	24.12	24.11	24.08	24.8
20	PI/2 BPSK	50	56	24.16	24.10	24.06	24.8
20	PI/2 BPSK	100	0	24.16	24.12	24.08	
20	QPSK	1	1	24.11	24.08	24.10	24.8
20	QPSK	1	53	24.17	24.16	24.16	
20	QPSK	1	104	24.07	24.10	24.05	
20	QPSK	50	0	24.08	24.08	24.04	24.7
20	QPSK	50	28	24.16	24.11	24.09	24.8
20	QPSK	50	56	24.08	24.08	24.07	24.7
20	QPSK	100	0	24.12	24.11	24.09	
20	16QAM	1	1	23.82	23.85	23.87	24.7
20	64QAM	1	1	22.28	22.21	22.19	23.2
20	256QAM	1	1	20.29	20.26	20.29	21.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.07	24.08	24.11	24.8
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.97	23.95	23.91	24.8
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.97	23.96	24.11	24.8



<FR1 n71 Ant 1 TX1 Index 9>

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	24.79	24.82	24.78	25.7
20	PI/2 BPSK	1	53	25.00	24.94	24.92	
20	PI/2 BPSK	1	104	24.82	24.81	24.73	
20	PI/2 BPSK	50	0	24.28	24.30	24.19	25.2
20	PI/2 BPSK	50	28	24.77	24.80	24.70	25.7
20	PI/2 BPSK	50	56	24.35	24.29	24.26	25.2
20	PI/2 BPSK	100	0	24.29	24.29	24.26	
20	QPSK	1	1	24.86	24.84	24.72	25.7
20	QPSK	1	53	24.90	24.91	24.79	
20	QPSK	1	104	24.87	24.84	24.74	
20	QPSK	50	0	23.82	23.82	23.71	24.7
20	QPSK	50	28	24.84	24.81	24.75	25.7
20	QPSK	50	56	23.81	23.80	23.73	24.7
20	QPSK	100	0	23.85	23.80	23.77	
20	16QAM	1	1	23.85	23.84	23.78	24.7
20	64QAM	1	1	22.26	22.25	22.14	23.2
20	256QAM	1	1	20.30	20.29	20.25	21.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.72	24.73	24.78	25.7
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.72	24.77	25.7
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.63	24.66	24.78	25.7



<FR1 n71 Ant 1 TX1 Index 10/11>

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	24.79	24.82	24.78	25.7
20	PI/2 BPSK	1	53	25.00	24.94	24.92	
20	PI/2 BPSK	1	104	24.82	24.81	24.73	
20	PI/2 BPSK	50	0	24.28	24.30	24.19	25.2
20	PI/2 BPSK	50	28	24.77	24.80	24.70	25.7
20	PI/2 BPSK	50	56	24.35	24.29	24.26	25.2
20	PI/2 BPSK	100	0	24.29	24.29	24.26	
20	QPSK	1	1	24.86	24.84	24.72	25.7
20	QPSK	1	53	24.90	24.91	24.79	
20	QPSK	1	104	24.87	24.84	24.74	
20	QPSK	50	0	23.82	23.82	23.71	24.7
20	QPSK	50	28	24.84	24.81	24.75	25.7
20	QPSK	50	56	23.81	23.80	23.73	24.7
20	QPSK	100	0	23.85	23.80	23.77	
20	16QAM	1	1	23.85	23.84	23.78	24.7
20	64QAM	1	1	22.26	22.25	22.14	23.2
20	256QAM	1	1	20.30	20.29	20.25	21.2
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.72	24.73	24.78	25.7
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.59	24.72	24.77	25.7
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.63	24.66	24.78	25.7



<FR1 n38 Ant 2 TX0 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.52	24.58	24.55	25.7
20	PI/2 BPSK	1	26	24.39	24.51	24.39	
20	PI/2 BPSK	1	49	24.38	24.50	24.40	
20	PI/2 BPSK	25	0	23.95	24.04	23.97	25.2
20	PI/2 BPSK	25	13	24.44	24.52	24.44	25.7
20	PI/2 BPSK	25	26	23.98	24.04	23.95	25.2
20	PI/2 BPSK	50	0	23.96	24.08	24.02	
20	QPSK	1	1	24.44	24.56	24.48	25.7
20	QPSK	1	26	24.38	24.49	24.44	
20	QPSK	1	49	24.39	24.47	24.35	
20	QPSK	25	0	23.76	23.80	23.72	24.7
20	QPSK	25	13	24.32	24.43	24.35	25.7
20	QPSK	25	26	24.42	24.55	24.52	24.7
20	QPSK	50	0	23.70	23.78	23.72	24.7
20	16QAM	1	1	23.45	23.60	23.57	24.7
20	64QAM	1	1	22.01	22.08	21.98	23.2
20	256QAM	1	1	20.01	20.13	20.09	21.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.42	24.43	24.51	25.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.40	24.40	24.53	25.7

<FR1 n38 Ant 2 TX0 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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.12	18.21	18.17	18.6
20	PI/2 BPSK	1	26	18.10	18.18	18.16	
20	PI/2 BPSK	1	49	18.14	18.19	18.13	
20	PI/2 BPSK	25	0	18.18	18.22	18.21	18.6
20	PI/2 BPSK	25	13	18.10	18.21	18.20	18.6
20	PI/2 BPSK	25	26	18.07	18.21	18.16	18.6
20	PI/2 BPSK	50	0	18.09	18.20	18.11	
20	QPSK	1	1	18.11	18.20	18.09	18.6
20	QPSK	1	26	18.08	18.17	18.13	
20	QPSK	1	49	18.04	18.18	18.14	
20	QPSK	25	0	18.17	18.21	18.19	18.6
20	QPSK	25	13	18.11	18.20	18.09	18.6
20	QPSK	25	26	18.08	18.20	18.16	18.6
20	QPSK	50	0	18.05	18.18	18.08	18.6
20	16QAM	1	1	18.09	18.20	18.17	18.6
20	64QAM	1	1	18.07	18.17	18.12	18.6
20	256QAM	1	1	18.13	18.19	18.18	18.6
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.06	18.14	18.16	18.6
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.12	18.17	17.99	18.6



<FR1 n38 Ant 2 TX0 Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.68	19.73	19.64	20.7
20	PI/2 BPSK	1	26	19.69	19.74	19.65	
20	PI/2 BPSK	1	49	19.70	19.76	19.72	
20	PI/2 BPSK	25	0	19.71	19.75	19.70	20.7
20	PI/2 BPSK	25	13	19.72	19.77	19.78	20.7
20	PI/2 BPSK	25	26	19.76	19.79	19.80	20.7
20	PI/2 BPSK	50	0	19.67	19.78	19.78	
20	QPSK	1	1	19.73	19.78	19.71	20.7
20	QPSK	1	26	19.73	19.78	19.71	
20	QPSK	1	49	19.71	19.76	19.72	
20	QPSK	25	0	19.74	19.78	19.76	20.7
20	QPSK	25	13	19.67	19.78	19.77	20.7
20	QPSK	25	26	19.70	19.75	19.66	20.7
20	QPSK	50	0	19.65	19.76	19.68	20.7
20	16QAM	1	1	19.68	19.75	19.76	20.7
20	64QAM	1	1	19.68	19.72	19.68	20.7
20	256QAM	1	1	19.70	19.76	19.76	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	19.48	19.63	19.59	20.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	19.63	19.62	19.52	20.7

<FR1 n38 Ant 2 TX0 Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.68	19.73	19.64	19.9
20	PI/2 BPSK	1	26	19.69	19.74	19.65	
20	PI/2 BPSK	1	49	19.70	19.76	19.72	
20	PI/2 BPSK	25	0	19.71	19.75	19.70	19.9
20	PI/2 BPSK	25	13	19.72	19.77	19.78	19.9
20	PI/2 BPSK	25	26	19.76	19.79	19.80	19.9
20	PI/2 BPSK	50	0	19.67	19.78	19.78	
20	QPSK	1	1	19.73	19.78	19.71	19.9
20	QPSK	1	26	19.73	19.78	19.71	
20	QPSK	1	49	19.71	19.76	19.72	
20	QPSK	25	0	19.74	19.78	19.76	19.9
20	QPSK	25	13	19.67	19.78	19.77	19.9
20	QPSK	25	26	19.70	19.75	19.66	19.9
20	QPSK	50	0	19.65	19.76	19.68	19.9
20	16QAM	1	1	19.68	19.75	19.76	19.9
20	64QAM	1	1	19.68	19.72	19.68	19.9
20	256QAM	1	1	19.70	19.76	19.76	19.9
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	19.48	19.63	19.59	19.9
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	19.63	19.62	19.52	19.9



<FR1 n38 Ant 2 TX0 Index 7/8>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.52	24.58	24.55	25.7
20	PI/2 BPSK	1	26	24.39	24.51	24.39	
20	PI/2 BPSK	1	49	24.38	24.50	24.40	
20	PI/2 BPSK	25	0	23.95	24.04	23.97	25.2
20	PI/2 BPSK	25	13	24.44	24.52	24.44	25.7
20	PI/2 BPSK	25	26	23.98	24.04	23.95	25.2
20	PI/2 BPSK	50	0	23.96	24.08	24.02	
20	QPSK	1	1	24.44	24.56	24.48	25.7
20	QPSK	1	26	24.38	24.49	24.44	
20	QPSK	1	49	24.39	24.47	24.35	
20	QPSK	25	0	23.76	23.80	23.72	24.7
20	QPSK	25	13	24.32	24.43	24.35	25.7
20	QPSK	25	26	24.42	24.55	24.52	24.7
20	QPSK	50	0	23.70	23.78	23.72	24.7
20	16QAM	1	1	23.45	23.60	23.57	24.7
20	64QAM	1	1	22.01	22.08	21.98	23.2
20	256QAM	1	1	20.01	20.13	20.09	21.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.42	24.43	24.51	25.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.40	24.40	24.53	25.7

<FR1 n38 Ant 2 TX0 Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.00	18.10	18.01	19.0
20	PI/2 BPSK	1	26	18.11	18.15	18.14	
20	PI/2 BPSK	1	49	18.01	18.12	18.01	
20	PI/2 BPSK	25	0	18.08	18.14	18.11	19.0
20	PI/2 BPSK	25	13	18.08	18.13	18.05	19.0
20	PI/2 BPSK	25	26	18.02	18.12	18.02	19.0
20	PI/2 BPSK	50	0	18.04	18.12	18.03	
20	QPSK	1	1	18.06	18.14	18.11	19.0
20	QPSK	1	26	18.03	18.13	18.05	
20	QPSK	1	49	18.06	18.11	18.05	
20	QPSK	25	0	18.04	18.11	18.01	19.0
20	QPSK	25	13	18.07	18.11	18.02	19.0
20	QPSK	25	26	18.05	18.10	18.07	19.0
20	QPSK	50	0	18.06	18.12	18.01	19.0
20	16QAM	1	1	18.09	18.14	18.09	19.0
20	64QAM	1	1	18.06	18.11	18.00	19.0
20	256QAM	1	1	18.08	18.12	18.11	19.0
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.89	18.10	17.94	19.0
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.99	18.07	17.99	19.0



<FR1 n38 Ant 2 TX0 Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.00	18.10	18.01	19.8
20	PI/2 BPSK	1	26	18.11	18.15	18.14	
20	PI/2 BPSK	1	49	18.01	18.12	18.01	
20	PI/2 BPSK	25	0	18.08	18.14	18.11	19.8
20	PI/2 BPSK	25	13	18.08	18.13	18.05	19.8
20	PI/2 BPSK	25	26	18.02	18.12	18.02	19.8
20	PI/2 BPSK	50	0	18.04	18.12	18.03	
20	QPSK	1	1	18.06	18.14	18.11	19.8
20	QPSK	1	26	18.03	18.13	18.05	
20	QPSK	1	49	18.06	18.11	18.05	
20	QPSK	25	0	18.04	18.11	18.01	19.8
20	QPSK	25	13	18.07	18.11	18.02	19.8
20	QPSK	25	26	18.05	18.10	18.07	19.8
20	QPSK	50	0	18.06	18.12	18.01	19.8
20	16QAM	1	1	18.09	18.14	18.09	19.8
20	64QAM	1	1	18.06	18.11	18.00	19.8
20	256QAM	1	1	18.08	18.12	18.11	19.8
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.89	18.10	17.94	19.8
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.99	18.07	17.99	19.8

<FR1 n38 Ant 2 TX0 Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.00	18.10	18.01	19.0
20	PI/2 BPSK	1	26	18.11	18.15	18.14	
20	PI/2 BPSK	1	49	18.01	18.12	18.01	
20	PI/2 BPSK	25	0	18.08	18.14	18.11	19.0
20	PI/2 BPSK	25	13	18.08	18.13	18.05	19.0
20	PI/2 BPSK	25	26	18.02	18.12	18.02	19.0
20	PI/2 BPSK	50	0	18.04	18.12	18.03	
20	QPSK	1	1	18.06	18.14	18.11	19.0
20	QPSK	1	26	18.03	18.13	18.05	
20	QPSK	1	49	18.06	18.11	18.05	
20	QPSK	25	0	18.04	18.11	18.01	19.0
20	QPSK	25	13	18.07	18.11	18.02	19.0
20	QPSK	25	26	18.05	18.10	18.07	19.0
20	QPSK	50	0	18.06	18.12	18.01	19.0
20	16QAM	1	1	18.09	18.14	18.09	19.0
20	64QAM	1	1	18.06	18.11	18.00	19.0
20	256QAM	1	1	18.08	18.12	18.11	19.0
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.89	18.10	17.94	19.0
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.99	18.07	17.99	19.0



<FR1 n38 Ant 0 TX1 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.40	24.42	24.35	25.7
20	PI/2 BPSK	1	26	24.25	24.33	24.17	
20	PI/2 BPSK	1	49	24.22	24.33	24.24	
20	PI/2 BPSK	25	0	23.78	23.87	23.71	25.2
20	PI/2 BPSK	25	13	24.24	24.35	24.23	25.7
20	PI/2 BPSK	25	26	23.81	23.87	23.71	25.2
20	PI/2 BPSK	50	0	23.78	23.83	23.66	
20	QPSK	1	1	24.27	24.35	24.26	25.7
20	QPSK	1	26	24.22	24.29	24.18	
20	QPSK	1	49	24.24	24.35	24.25	
20	QPSK	25	0	23.23	23.35	23.26	24.7
20	QPSK	25	13	24.29	24.32	24.22	25.7
20	QPSK	25	26	23.29	23.32	23.19	24.7
20	QPSK	50	0	23.27	23.36	23.19	24.7
20	16QAM	1	1	23.34	23.45	23.29	24.7
20	64QAM	1	1	21.87	21.91	21.77	23.2
20	256QAM	1	1	19.89	19.93	19.79	21.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.34	24.39	24.34	25.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.38	24.37	24.37	25.7

<FR1 n38 Ant 0 TX1 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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.40	24.42	24.35	25.7
20	PI/2 BPSK	1	26	24.25	24.33	24.17	
20	PI/2 BPSK	1	49	24.22	24.33	24.24	
20	PI/2 BPSK	25	0	23.78	23.87	23.71	25.2
20	PI/2 BPSK	25	13	24.24	24.35	24.23	25.7
20	PI/2 BPSK	25	26	23.81	23.87	23.71	25.2
20	PI/2 BPSK	50	0	23.78	23.83	23.66	
20	QPSK	1	1	24.27	24.35	24.26	25.7
20	QPSK	1	26	24.22	24.29	24.18	
20	QPSK	1	49	24.24	24.35	24.25	
20	QPSK	25	0	23.23	23.35	23.26	24.7
20	QPSK	25	13	24.29	24.32	24.22	25.7
20	QPSK	25	26	23.29	23.32	23.19	24.7
20	QPSK	50	0	23.27	23.36	23.19	24.7
20	16QAM	1	1	23.34	23.45	23.29	24.7
20	64QAM	1	1	21.87	21.91	21.77	23.2
20	256QAM	1	1	19.89	19.93	19.79	21.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.34	24.39	24.34	25.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.38	24.37	24.37	25.7



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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.40	24.42	24.35	25.7
20	PI/2 BPSK	1	26	24.25	24.33	24.17	
20	PI/2 BPSK	1	49	24.22	24.33	24.24	
20	PI/2 BPSK	25	0	23.78	23.87	23.71	25.2
20	PI/2 BPSK	25	13	24.24	24.35	24.23	25.7
20	PI/2 BPSK	25	26	23.81	23.87	23.71	25.2
20	PI/2 BPSK	50	0	23.78	23.83	23.66	
20	QPSK	1	1	24.27	24.35	24.26	25.7
20	QPSK	1	26	24.22	24.29	24.18	
20	QPSK	1	49	24.24	24.35	24.25	
20	QPSK	25	0	23.23	23.35	23.26	24.7
20	QPSK	25	13	24.29	24.32	24.22	25.7
20	QPSK	25	26	23.29	23.32	23.19	24.7
20	QPSK	50	0	23.27	23.36	23.19	24.7
20	16QAM	1	1	23.34	23.45	23.29	24.7
20	64QAM	1	1	21.87	21.91	21.77	23.2
20	256QAM	1	1	19.89	19.93	19.79	21.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.34	24.39	24.34	25.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.38	24.37	24.37	25.7

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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.40	24.42	24.35	25.7
20	PI/2 BPSK	1	26	24.25	24.33	24.17	
20	PI/2 BPSK	1	49	24.22	24.33	24.24	
20	PI/2 BPSK	25	0	23.78	23.87	23.71	25.2
20	PI/2 BPSK	25	13	24.24	24.35	24.23	25.7
20	PI/2 BPSK	25	26	23.81	23.87	23.71	25.2
20	PI/2 BPSK	50	0	23.78	23.83	23.66	
20	QPSK	1	1	24.27	24.35	24.26	25.7
20	QPSK	1	26	24.22	24.29	24.18	
20	QPSK	1	49	24.24	24.35	24.25	
20	QPSK	25	0	23.23	23.35	23.26	24.7
20	QPSK	25	13	24.29	24.32	24.22	25.7
20	QPSK	25	26	23.29	23.32	23.19	24.7
20	QPSK	50	0	23.27	23.36	23.19	24.7
20	16QAM	1	1	23.34	23.45	23.29	24.7
20	64QAM	1	1	21.87	21.91	21.77	23.2
20	256QAM	1	1	19.89	19.93	19.79	21.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.34	24.39	24.34	25.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.38	24.37	24.37	25.7



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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.43	23.45	23.32	
20	PI/2 BPSK	1	26	23.21	23.28	23.06	23.5
20	PI/2 BPSK	1	49	23.25	23.31	23.09	
20	PI/2 BPSK	25	0	23.18	23.27	23.13	
20	PI/2 BPSK	25	13	23.17	23.25	23.03	23.5
20	PI/2 BPSK	25	26	23.14	23.24	23.05	23.5
20	PI/2 BPSK	50	0	23.08	23.19	22.98	
20	QPSK	1	1	23.22	23.24	23.03	
20	QPSK	1	26	23.13	23.18	22.97	23.5
20	QPSK	1	49	23.11	23.23	23.01	
20	QPSK	25	0	22.89	22.96	22.82	
20	QPSK	25	13	23.16	23.22	23.06	23.5
20	QPSK	25	26	22.91	22.94	22.71	23.5
20	QPSK	50	0	22.86	22.94	22.72	23.5
20	16QAM	1	1	23.05	23.11	22.93	23.5
20	64QAM	1	1	21.96	21.99	21.80	23.2
20	256QAM	1	1	19.96	19.98	19.82	21.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.40	23.34	23.14	
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.24	23.34	23.15	

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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.43	23.45	23.32	
20	PI/2 BPSK	1	26	23.21	23.28	23.06	24.3
20	PI/2 BPSK	1	49	23.25	23.31	23.09	
20	PI/2 BPSK	25	0	23.18	23.27	23.13	
20	PI/2 BPSK	25	13	23.17	23.25	23.03	24.3
20	PI/2 BPSK	25	26	23.14	23.24	23.05	24.3
20	PI/2 BPSK	50	0	23.08	23.19	22.98	
20	QPSK	1	1	23.22	23.24	23.03	
20	QPSK	1	26	23.13	23.18	22.97	24.3
20	QPSK	1	49	23.11	23.23	23.01	
20	QPSK	25	0	22.89	22.96	22.82	
20	QPSK	25	13	23.16	23.22	23.06	24.3
20	QPSK	25	26	22.91	22.94	22.71	24.3
20	QPSK	50	0	22.86	22.94	22.72	24.3
20	16QAM	1	1	23.05	23.11	22.93	24.3
20	64QAM	1	1	21.96	21.99	21.80	23.2
20	256QAM	1	1	19.96	19.98	19.82	21.2
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.40	23.34	23.14	
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.24	23.34	23.15	



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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.13	24.08	24.00	25.2
20	PI/2 BPSK	1	26	23.95	23.96	23.78	
20	PI/2 BPSK	1	49	23.90	23.94	23.79	
20	PI/2 BPSK	25	0	23.50	23.52	23.40	24.7
20	PI/2 BPSK	25	13	24.01	23.98	23.81	25.2
20	PI/2 BPSK	25	26	23.50	23.45	23.33	24.7
20	PI/2 BPSK	50	0	23.60	23.60	23.46	
20	QPSK	1	1	24.09	24.07	23.92	25.2
20	QPSK	1	26	24.02	24.02	23.88	
20	QPSK	1	49	23.94	23.99	23.91	
20	QPSK	25	0	23.04	23.07	22.98	24.2
20	QPSK	25	13	24.01	24.04	23.90	24.2
20	QPSK	25	26	22.98	23.02	22.86	24.2
20	QPSK	50	0	23.04	23.05	22.96	24.2
20	16QAM	1	1	23.12	23.14	22.96	24.2
20	64QAM	1	1	21.61	21.61	21.53	22.7
20	256QAM	1	1	19.81	19.86	19.75	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.94	23.94	23.81	25.2
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.05	23.98	23.83	25.2

<FR1 n38 Ant 1 Sub TX0 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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.13	24.08	24.00	25.2
20	PI/2 BPSK	1	26	23.95	23.96	23.78	
20	PI/2 BPSK	1	49	23.90	23.94	23.79	
20	PI/2 BPSK	25	0	23.50	23.52	23.40	24.7
20	PI/2 BPSK	25	13	24.01	23.98	23.81	25.2
20	PI/2 BPSK	25	26	23.50	23.45	23.33	24.7
20	PI/2 BPSK	50	0	23.60	23.60	23.46	
20	QPSK	1	1	24.09	24.07	23.92	25.2
20	QPSK	1	26	24.02	24.02	23.88	
20	QPSK	1	49	23.94	23.99	23.91	
20	QPSK	25	0	23.04	23.07	22.98	24.2
20	QPSK	25	13	24.01	24.04	23.90	24.2
20	QPSK	25	26	22.98	23.02	22.86	24.2
20	QPSK	50	0	23.04	23.05	22.96	24.2
20	16QAM	1	1	23.12	23.14	22.96	24.2
20	64QAM	1	1	21.61	21.61	21.53	22.7
20	256QAM	1	1	19.81	19.86	19.75	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.94	23.94	23.81	25.2
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.05	23.98	23.83	25.2



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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.13	24.08	24.00	25.2
20	PI/2 BPSK	1	26	23.95	23.96	23.78	
20	PI/2 BPSK	1	49	23.90	23.94	23.79	
20	PI/2 BPSK	25	0	23.50	23.52	23.40	24.7
20	PI/2 BPSK	25	13	24.01	23.98	23.81	25.2
20	PI/2 BPSK	25	26	23.50	23.45	23.33	24.7
20	PI/2 BPSK	50	0	23.60	23.60	23.46	
20	QPSK	1	1	24.09	24.07	23.92	25.2
20	QPSK	1	26	24.02	24.02	23.88	
20	QPSK	1	49	23.94	23.99	23.91	
20	QPSK	25	0	23.04	23.07	22.98	24.2
20	QPSK	25	13	24.01	24.04	23.90	24.2
20	QPSK	25	26	22.98	23.02	22.86	24.2
20	QPSK	50	0	23.04	23.05	22.96	24.2
20	16QAM	1	1	23.12	23.14	22.96	24.2
20	64QAM	1	1	21.61	21.61	21.53	22.7
20	256QAM	1	1	19.81	19.86	19.75	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.94	23.94	23.81	25.2
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.05	23.98	23.83	25.2

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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.52	16.56	16.46	17.7
20	PI/2 BPSK	1	26	16.38	16.49	16.35	
20	PI/2 BPSK	1	49	16.34	16.46	16.35	
20	PI/2 BPSK	25	0	16.42	16.50	16.36	17.7
20	PI/2 BPSK	25	13	16.37	16.48	16.31	17.7
20	PI/2 BPSK	25	26	16.42	16.48	16.31	17.7
20	PI/2 BPSK	50	0	16.35	16.46	16.31	
20	QPSK	1	1	16.45	16.55	16.43	17.7
20	QPSK	1	26	16.42	16.46	16.35	
20	QPSK	1	49	16.37	16.42	16.24	
20	QPSK	25	0	16.42	16.48	16.34	17.7
20	QPSK	25	13	16.35	16.46	16.31	17.7
20	QPSK	25	26	16.42	16.46	16.27	17.7
20	QPSK	50	0	16.40	16.49	16.32	17.7
20	16QAM	1	1	16.39	16.52	16.40	17.7
20	64QAM	1	1	16.40	16.48	16.32	17.7
20	256QAM	1	1	16.35	16.49	16.36	17.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.43	16.39	16.37	17.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.50	16.54	16.40	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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.52	16.56	16.46	16.9
20	PI/2 BPSK	1	26	16.38	16.49	16.35	
20	PI/2 BPSK	1	49	16.34	16.46	16.35	
20	PI/2 BPSK	25	0	16.42	16.50	16.36	16.9
20	PI/2 BPSK	25	13	16.37	16.48	16.31	16.9
20	PI/2 BPSK	25	26	16.42	16.48	16.31	16.9
20	PI/2 BPSK	50	0	16.35	16.46	16.31	
20	QPSK	1	1	16.45	16.55	16.43	16.9
20	QPSK	1	26	16.42	16.46	16.35	
20	QPSK	1	49	16.37	16.42	16.24	
20	QPSK	25	0	16.42	16.48	16.34	16.9
20	QPSK	25	13	16.35	16.46	16.31	16.9
20	QPSK	25	26	16.42	16.46	16.27	16.9
20	QPSK	50	0	16.40	16.49	16.32	16.9
20	16QAM	1	1	16.39	16.52	16.40	16.9
20	64QAM	1	1	16.40	16.48	16.32	16.9
20	256QAM	1	1	16.35	16.49	16.36	16.9
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.43	16.39	16.37	16.9
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.50	16.54	16.40	16.9

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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.08	22.00	21.93	22.1
20	PI/2 BPSK	1	26	21.90	21.91	21.68	
20	PI/2 BPSK	1	49	21.86	21.88	21.77	
20	PI/2 BPSK	25	0	21.44	21.42	21.35	22.1
20	PI/2 BPSK	25	13	21.98	21.96	21.74	22.1
20	PI/2 BPSK	25	26	21.42	21.40	21.25	22.1
20	PI/2 BPSK	50	0	21.50	21.54	21.46	
20	QPSK	1	1	21.98	21.98	21.84	22.1
20	QPSK	1	26	21.98	22.00	21.80	
20	QPSK	1	49	21.93	21.98	21.86	
20	QPSK	25	0	21.99	22.05	21.95	22.1
20	QPSK	25	13	21.99	22.04	21.90	22.1
20	QPSK	25	26	21.94	21.98	21.83	22.1
20	QPSK	50	0	22.01	22.00	21.86	22.1
20	16QAM	1	1	22.07	21.99	21.90	22.1
20	64QAM	1	1	21.55	21.53	21.53	22.1
20	256QAM	1	1	19.82	19.95	19.66	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.00	21.88	21.91	22.1
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.02	21.87	21.87	22.1



<FR1 n38 Ant 1 Sub TX0 Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	22.9
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.08	22.00	21.93	
20	PI/2 BPSK	1	26	21.90	21.91	21.68	22.9
20	PI/2 BPSK	1	49	21.86	21.88	21.77	
20	PI/2 BPSK	25	0	21.44	21.42	21.35	22.9
20	PI/2 BPSK	25	13	21.98	21.96	21.74	22.9
20	PI/2 BPSK	25	26	21.42	21.40	21.25	22.9
20	PI/2 BPSK	50	0	21.50	21.54	21.46	
20	QPSK	1	1	21.98	21.98	21.84	22.9
20	QPSK	1	26	21.98	22.00	21.80	
20	QPSK	1	49	21.93	21.98	21.86	
20	QPSK	25	0	21.99	22.05	21.95	22.9
20	QPSK	25	13	21.99	22.04	21.90	22.9
20	QPSK	25	26	21.94	21.98	21.83	22.9
20	QPSK	50	0	22.01	22.00	21.86	22.9
20	16QAM	1	1	22.07	21.99	21.90	22.9
20	64QAM	1	1	21.55	21.53	21.53	22.7
20	256QAM	1	1	19.82	19.95	19.66	20.7
Channel				515500	519000	522500	22.9
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.00	21.88	21.91	22.9
Channel				515000	519000	523000	22.9
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.02	21.87	21.87	22.9

<FR1 n38 Ant 1 Sub TX0 Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	22.1
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.08	22.00	21.93	
20	PI/2 BPSK	1	26	21.90	21.91	21.68	22.1
20	PI/2 BPSK	1	49	21.86	21.88	21.77	
20	PI/2 BPSK	25	0	21.44	21.42	21.35	22.1
20	PI/2 BPSK	25	13	21.98	21.96	21.74	22.1
20	PI/2 BPSK	25	26	21.42	21.40	21.25	22.1
20	PI/2 BPSK	50	0	21.50	21.54	21.46	
20	QPSK	1	1	21.98	21.98	21.84	22.1
20	QPSK	1	26	21.98	22.00	21.80	
20	QPSK	1	49	21.93	21.98	21.86	
20	QPSK	25	0	21.99	22.05	21.95	22.1
20	QPSK	25	13	21.99	22.04	21.90	22.1
20	QPSK	25	26	21.94	21.98	21.83	22.1
20	QPSK	50	0	22.01	22.00	21.86	22.1
20	16QAM	1	1	22.07	21.99	21.90	22.1
20	64QAM	1	1	21.55	21.53	21.53	22.1
20	256QAM	1	1	19.82	19.95	19.66	20.7
Channel				515500	519000	522500	22.1
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.00	21.88	21.91	22.1
Channel				515000	519000	523000	22.1
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.02	21.87	21.87	22.1



<FR1 n38 Ant 5 Sub TX1 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.67	23.60	23.55	
20	PI/2 BPSK	1	26	23.55	23.53	23.41	
20	PI/2 BPSK	1	49	23.59	23.52	23.46	
20	PI/2 BPSK	25	0	23.14	23.08	22.95	24.7
20	PI/2 BPSK	25	13	23.59	23.54	23.41	25.2
20	PI/2 BPSK	25	26	23.08	23.06	22.93	24.7
20	PI/2 BPSK	50	0	23.09	23.07	22.95	
20	QPSK	1	1	23.65	23.59	23.52	25.2
20	QPSK	1	26	23.54	23.53	23.43	
20	QPSK	1	49	23.51	23.53	23.39	
20	QPSK	25	0	22.57	22.58	22.50	24.2
20	QPSK	25	13	23.50	23.51	23.38	25.2
20	QPSK	25	26	22.61	22.56	22.43	24.2
20	QPSK	50	0	22.57	22.55	22.49	24.2
20	16QAM	1	1	22.65	22.65	22.58	24.2
20	64QAM	1	1	21.15	21.13	21.07	22.7
20	256QAM	1	1	19.45	19.41	19.36	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.56	23.40	23.53	25.2
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.62	23.42	23.37	25.2

<FR1 n38 Ant 5 Sub TX1 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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.68	21.70	21.55	
20	PI/2 BPSK	1	26	21.47	21.54	21.31	
20	PI/2 BPSK	1	49	21.36	21.42	21.22	
20	PI/2 BPSK	25	0	21.52	21.61	21.40	22.0
20	PI/2 BPSK	25	13	21.46	21.52	21.27	22.0
20	PI/2 BPSK	25	26	21.43	21.49	21.33	22.0
20	PI/2 BPSK	50	0	21.48	21.50	21.33	
20	QPSK	1	1	21.63	21.69	21.54	22.0
20	QPSK	1	26	21.43	21.54	21.36	
20	QPSK	1	49	21.43	21.49	21.30	
20	QPSK	25	0	21.55	21.60	21.41	22.0
20	QPSK	25	13	21.44	21.56	21.41	22.0
20	QPSK	25	26	21.38	21.48	21.30	22.0
20	QPSK	50	0	21.45	21.49	21.31	22.0
20	16QAM	1	1	21.61	21.69	21.48	22.0
20	64QAM	1	1	21.04	21.10	20.94	22.0
20	256QAM	1	1	19.28	19.35	19.17	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.60	21.59	21.52	22.0
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.50	21.57	21.53	22.0



<FR1 n38 Ant 5 Sub TX1 Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.68	21.70	21.65	22.8
20	PI/2 BPSK	1	26	21.67	21.65	21.61	
20	PI/2 BPSK	1	49	21.66	21.62	21.62	
20	PI/2 BPSK	25	0	21.62	21.61	21.69	22.8
20	PI/2 BPSK	25	13	21.66	21.66	21.67	22.8
20	PI/2 BPSK	25	26	21.63	21.65	21.63	22.8
20	PI/2 BPSK	50	0	21.68	21.60	21.62	
20	QPSK	1	1	21.63	21.69	21.64	22.8
20	QPSK	1	26	21.63	21.64	21.66	
20	QPSK	1	49	21.63	21.69	21.60	
20	QPSK	25	0	21.65	21.60	21.61	22.8
20	QPSK	25	13	21.64	21.66	21.61	22.8
20	QPSK	25	26	21.68	21.68	21.60	22.8
20	QPSK	50	0	21.65	21.69	21.61	22.8
20	16QAM	1	1	21.61	21.69	21.68	22.8
20	64QAM	1	1	21.04	21.10	20.94	22.7
20	256QAM	1	1	19.28	19.35	19.17	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.60	21.69	21.62	22.8
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.60	21.67	21.63	22.8

<FR1 n38 Ant 5 Sub TX1 Index 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.68	21.70	21.65	22.0
20	PI/2 BPSK	1	26	21.67	21.65	21.61	
20	PI/2 BPSK	1	49	21.66	21.62	21.62	
20	PI/2 BPSK	25	0	21.62	21.61	21.69	22.0
20	PI/2 BPSK	25	13	21.66	21.66	21.67	22.0
20	PI/2 BPSK	25	26	21.63	21.65	21.63	22.0
20	PI/2 BPSK	50	0	21.68	21.60	21.62	
20	QPSK	1	1	21.63	21.69	21.64	22.0
20	QPSK	1	26	21.63	21.64	21.66	
20	QPSK	1	49	21.63	21.69	21.60	
20	QPSK	25	0	21.65	21.60	21.61	22.0
20	QPSK	25	13	21.64	21.66	21.61	22.0
20	QPSK	25	26	21.68	21.68	21.60	22.0
20	QPSK	50	0	21.65	21.69	21.61	22.0
20	16QAM	1	1	21.61	21.69	21.68	22.0
20	64QAM	1	1	21.04	21.10	20.94	22.0
20	256QAM	1	1	19.28	19.35	19.17	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.60	21.69	21.62	22.0
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.60	21.67	21.63	22.0



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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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.67	23.60	23.55	
20	PI/2 BPSK	1	26	23.55	23.53	23.41	
20	PI/2 BPSK	1	49	23.59	23.52	23.46	
20	PI/2 BPSK	25	0	23.14	23.08	22.95	24.7
20	PI/2 BPSK	25	13	23.59	23.54	23.41	25.2
20	PI/2 BPSK	25	26	23.08	23.06	22.93	24.7
20	PI/2 BPSK	50	0	23.09	23.07	22.95	
20	QPSK	1	1	23.65	23.59	23.52	25.2
20	QPSK	1	26	23.54	23.53	23.43	
20	QPSK	1	49	23.51	23.53	23.39	
20	QPSK	25	0	22.57	22.58	22.50	24.2
20	QPSK	25	13	23.50	23.51	23.38	25.2
20	QPSK	25	26	22.61	22.56	22.43	24.2
20	QPSK	50	0	22.57	22.55	22.49	24.2
20	16QAM	1	1	22.65	22.65	22.58	24.2
20	64QAM	1	1	21.15	21.13	21.07	22.7
20	256QAM	1	1	19.45	19.41	19.36	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.56	23.40	23.53	25.2
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.62	23.42	23.37	25.2

<FR1 n38 Ant 5 Sub TX1 Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.87	20.71	20.60	
20	PI/2 BPSK	1	26	20.75	20.60	20.48	
20	PI/2 BPSK	1	49	20.69	20.54	20.40	
20	PI/2 BPSK	25	0	20.69	20.59	20.44	20.8
20	PI/2 BPSK	25	13	20.70	20.56	20.42	20.8
20	PI/2 BPSK	25	26	20.58	20.49	20.36	20.8
20	PI/2 BPSK	50	0	20.62	20.51	20.32	
20	QPSK	1	1	20.66	20.54	20.37	20.8
20	QPSK	1	26	20.59	20.48	20.36	
20	QPSK	1	49	20.57	20.46	20.28	
20	QPSK	25	0	20.67	20.54	20.37	20.8
20	QPSK	25	13	20.66	20.52	20.40	20.8
20	QPSK	25	26	20.64	20.52	20.36	20.8
20	QPSK	50	0	20.58	20.50	20.35	20.8
20	16QAM	1	1	20.67	20.61	20.44	20.8
20	64QAM	1	1	20.74	20.60	20.49	20.8
20	256QAM	1	1	19.59	19.47	19.27	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.81	20.68	20.45	20.8
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.67	20.61	20.43	20.8



<FR1 n38 Ant 5 Sub TX1 Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.80	20.71	20.60	21.6
20	PI/2 BPSK	1	26	20.75	20.60	20.48	
20	PI/2 BPSK	1	49	20.69	20.54	20.40	
20	PI/2 BPSK	25	0	20.69	20.59	20.44	21.6
20	PI/2 BPSK	25	13	20.70	20.56	20.42	21.6
20	PI/2 BPSK	25	26	20.58	20.49	20.36	21.6
20	PI/2 BPSK	50	0	20.62	20.51	20.32	
20	QPSK	1	1	20.66	20.54	20.37	21.6
20	QPSK	1	26	20.59	20.48	20.36	
20	QPSK	1	49	20.57	20.46	20.28	
20	QPSK	25	0	20.67	20.54	20.37	21.6
20	QPSK	25	13	20.66	20.52	20.40	21.6
20	QPSK	25	26	20.64	20.52	20.36	21.6
20	QPSK	50	0	20.58	20.50	20.35	21.6
20	16QAM	1	1	20.67	20.61	20.44	21.6
20	64QAM	1	1	20.74	20.60	20.49	21.6
20	256QAM	1	1	19.59	19.47	19.27	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.71	20.68	20.45	21.6
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.67	20.61	20.43	21.6

<FR1 n38 Ant 5 Sub TX1 Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.80	20.71	20.60	20.8
20	PI/2 BPSK	1	26	20.75	20.60	20.48	
20	PI/2 BPSK	1	49	20.69	20.54	20.40	
20	PI/2 BPSK	25	0	20.69	20.59	20.44	20.8
20	PI/2 BPSK	25	13	20.70	20.56	20.42	20.8
20	PI/2 BPSK	25	26	20.58	20.49	20.36	20.8
20	PI/2 BPSK	50	0	20.62	20.51	20.32	
20	QPSK	1	1	20.66	20.54	20.37	20.8
20	QPSK	1	26	20.59	20.48	20.36	
20	QPSK	1	49	20.57	20.46	20.28	
20	QPSK	25	0	20.67	20.54	20.37	20.8
20	QPSK	25	13	20.66	20.52	20.40	20.8
20	QPSK	25	26	20.64	20.52	20.36	20.8
20	QPSK	50	0	20.58	20.50	20.35	20.8
20	16QAM	1	1	20.67	20.61	20.44	20.8
20	64QAM	1	1	20.74	20.60	20.49	20.8
20	256QAM	1	1	19.59	19.47	19.27	20.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.71	20.68	20.45	20.8
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.67	20.61	20.43	20.8



<FR1 n41 Ant 2 TX0 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	25.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.14	24.27	24.18	
100	PI/2 BPSK	1	137	24.07	24.07	24.16	24.9
100	PI/2 BPSK	1	271	24.09	24.14	23.98	
100	PI/2 BPSK	135	0	23.67	23.82	23.79	25.4
100	PI/2 BPSK	135	69	24.19	24.26	24.21	24.9
100	PI/2 BPSK	135	138	23.78	23.85	23.86	
100	PI/2 BPSK	270	0	23.76	23.86	23.81	25.4
100	QPSK	1	1	24.03	24.12	24.13	
100	QPSK	1	137	23.89	24.03	24.06	
100	QPSK	1	271	24.11	24.18	24.14	24.4
100	QPSK	135	0	23.39	23.38	23.35	
100	QPSK	135	69	24.13	24.25	24.22	25.4
100	QPSK	135	138	23.35	23.35	23.27	24.4
100	QPSK	270	0	23.31	23.33	23.27	24.4
100	16QAM	1	1	23.18	23.17	23.28	24.4
100	64QAM	1	1	21.66	21.65	21.70	22.9
100	256QAM	1	1	19.70	19.71	19.77	20.9
Channel				508200	518598	528996	25.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.05	24.25	24.13	
Channel				507204	518598	529998	25.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.14	24.07	24.02	
Channel				506202	518598	531000	25.4
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.08	24.15	24.05	
Channel				505200	518598	531996	25.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.01	24.09	24.09	
Channel				504204	518598	532998	25.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.97	24.23	24.13	
Channel				503202	518598	534000	25.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.08	24.12	24.12	
Channel				502200	518598	534996	25.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.02	24.22	24.16	
Channel				501204	518598	535998	25.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.98	24.19	24.11	
Channel				500700	518598	536496	25.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.08	24.07	24.04	
Channel				500202	518598	537000	25.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.12	24.11	24.00	



<FR1 n41 Ant 2 TX0 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				509202	518598	528000	18.6
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.18	18.16	18.15	
100	PI/2 BPSK	1	137	17.97	18.00	18.14	18.6
100	PI/2 BPSK	1	271	18.15	18.13	18.12	
100	PI/2 BPSK	135	0	18.18	18.16	18.34	
100	PI/2 BPSK	135	69	18.19	18.23	18.35	18.6
100	PI/2 BPSK	135	138	18.14	18.18	18.23	18.6
100	PI/2 BPSK	270	0	18.15	18.29	18.30	
100	QPSK	1	1	17.87	18.10	18.02	
100	QPSK	1	137	17.78	18.02	17.98	18.6
100	QPSK	1	271	18.10	18.25	18.18	
100	QPSK	135	0	18.07	18.26	18.25	
100	QPSK	135	69	18.03	18.23	18.14	18.6
100	QPSK	135	138	18.06	18.26	18.24	18.6
100	QPSK	270	0	18.03	18.27	18.21	18.6
100	16QAM	1	1	17.91	18.11	18.04	18.6
100	64QAM	1	1	17.82	18.04	18.05	18.6
100	256QAM	1	1	17.86	18.02	18.00	18.6
Channel				508200	518598	528996	18.6
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.10	18.13	18.15	
Channel				507204	518598	529998	18.6
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.06	18.10	17.95	
Channel				506202	518598	531000	18.6
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.17	18.16	18.10	
Channel				505200	518598	531996	18.6
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.08	18.05	18.08	
Channel				504204	518598	532998	18.6
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.99	18.01	18.05	
Channel				503202	518598	534000	18.6
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.17	18.13	18.10	
Channel				502200	518598	534996	18.6
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.07	17.96	18.09	
Channel				501204	518598	535998	18.6
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.01	18.00	18.08	
Channel				500700	518598	536496	18.6
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.99	18.10	18.11	
Channel				500202	518598	537000	18.6
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.13	18.10	18.04	



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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	19.78	19.77	19.74	20.7
100	PI/2 BPSK	1	137	19.59	19.59	19.74	
100	PI/2 BPSK	1	271	19.72	19.72	19.70	
100	PI/2 BPSK	135	0	19.78	19.75	19.76	20.7
100	PI/2 BPSK	135	69	19.76	19.82	19.86	20.7
100	PI/2 BPSK	135	138	19.75	19.81	19.81	20.7
100	PI/2 BPSK	270	0	19.75	19.85	19.85	
100	QPSK	1	1	19.56	19.69	19.73	20.7
100	QPSK	1	137	19.52	19.62	19.57	
100	QPSK	1	271	19.79	19.85	19.85	
100	QPSK	135	0	19.74	19.85	19.83	20.7
100	QPSK	135	69	19.72	19.80	19.76	20.7
100	QPSK	135	138	19.71	19.85	19.78	20.7
100	QPSK	270	0	19.66	19.80	19.79	20.7
100	16QAM	1	1	19.63	19.72	19.76	20.7
100	64QAM	1	1	19.56	19.63	19.67	20.7
100	256QAM	1	1	19.48	19.55	19.52	20.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.60	19.64	19.62	20.7
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.67	19.63	19.64	20.7
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.72	19.59	19.59	20.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.69	19.71	19.62	20.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.64	19.62	19.59	20.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.69	19.65	19.67	20.7
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.59	19.72	19.66	20.7
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.76	19.76	19.58	20.7
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.77	19.62	19.62	20.7
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.68	19.57	19.56	20.7



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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	19.78	19.77	19.74	19.9
100	PI/2 BPSK	1	137	19.59	19.59	19.74	
100	PI/2 BPSK	1	271	19.72	19.72	19.70	
100	PI/2 BPSK	135	0	19.78	19.75	19.76	19.9
100	PI/2 BPSK	135	69	19.76	19.82	19.86	19.9
100	PI/2 BPSK	135	138	19.75	19.81	19.81	19.9
100	PI/2 BPSK	270	0	19.75	19.85	19.85	
100	QPSK	1	1	19.56	19.69	19.73	19.9
100	QPSK	1	137	19.52	19.62	19.57	
100	QPSK	1	271	19.79	19.85	19.85	
100	QPSK	135	0	19.74	19.85	19.83	19.9
100	QPSK	135	69	19.72	19.80	19.76	19.9
100	QPSK	135	138	19.71	19.85	19.78	19.9
100	QPSK	270	0	19.66	19.80	19.79	19.9
100	16QAM	1	1	19.63	19.72	19.76	19.9
100	64QAM	1	1	19.56	19.63	19.67	19.9
100	256QAM	1	1	19.48	19.55	19.52	19.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.60	19.64	19.62	19.9
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.67	19.63	19.64	19.9
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.72	19.59	19.59	19.9
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.69	19.71	19.62	19.9
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.64	19.62	19.59	19.9
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.69	19.65	19.67	19.9
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.59	19.72	19.66	19.9
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.76	19.76	19.58	19.9
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.77	19.62	19.62	19.9
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.68	19.57	19.56	19.9



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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.14	24.27	24.18	25.4
100	PI/2 BPSK	1	137	24.07	24.07	24.16	
100	PI/2 BPSK	1	271	24.09	24.14	23.98	
100	PI/2 BPSK	135	0	23.67	23.82	23.79	24.9
100	PI/2 BPSK	135	69	24.19	24.26	24.21	25.4
100	PI/2 BPSK	135	138	23.78	23.85	23.86	24.9
100	PI/2 BPSK	270	0	23.76	23.86	23.81	
100	QPSK	1	1	24.03	24.12	24.13	25.4
100	QPSK	1	137	23.89	24.03	24.06	
100	QPSK	1	271	24.11	24.18	24.14	
100	QPSK	135	0	23.39	23.38	23.35	24.4
100	QPSK	135	69	24.13	24.25	24.22	25.4
100	QPSK	135	138	23.35	23.35	23.27	24.4
100	QPSK	270	0	23.31	23.33	23.27	24.4
100	16QAM	1	1	23.18	23.17	23.28	24.4
100	64QAM	1	1	21.66	21.65	21.70	22.9
100	256QAM	1	1	19.70	19.71	19.77	20.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.05	24.25	24.13	25.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.14	24.07	24.02	25.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.08	24.15	24.05	25.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.01	24.09	24.09	25.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.97	24.23	24.13	25.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.08	24.12	24.12	25.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.02	24.22	24.16	25.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.98	24.19	24.11	25.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.08	24.07	24.04	25.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.12	24.11	24.00	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				509202	518598	528000	19.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.07	18.18	18.02	19.0
100	PI/2 BPSK	1	137	17.87	17.96	17.76	
100	PI/2 BPSK	1	271	18.11	18.16	18.06	
100	PI/2 BPSK	135	0	18.07	18.20	18.02	19.0
100	PI/2 BPSK	135	69	18.14	18.24	18.11	19.0
100	PI/2 BPSK	135	138	18.11	18.22	18.10	19.0
100	PI/2 BPSK	270	0	18.10	18.21	18.08	
100	QPSK	1	1	17.99	18.04	17.87	19.0
100	QPSK	1	137	17.81	17.95	17.76	
100	QPSK	1	271	18.09	18.18	17.98	
100	QPSK	135	0	18.13	18.21	18.07	19.0
100	QPSK	135	69	18.02	18.17	18.04	19.0
100	QPSK	135	138	18.10	18.21	18.05	19.0
100	QPSK	270	0	18.14	18.21	18.01	19.0
100	16QAM	1	1	17.97	18.06	17.89	19.0
100	64QAM	1	1	17.85	17.95	17.83	19.0
100	256QAM	1	1	17.86	17.98	17.84	19.0
Channel				508200	518598	528996	19.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.04	18.01	17.98	19.0
Channel				507204	518598	529998	19.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.91	18.08	17.83	19.0
Channel				506202	518598	531000	19.0
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.06	18.04	17.85	19.0
Channel				505200	518598	531996	19.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.89	18.15	17.94	19.0
Channel				504204	518598	532998	19.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.96	18.08	17.82	19.0
Channel				503202	518598	534000	19.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.99	17.99	17.90	19.0
Channel				502200	518598	534996	19.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.05	18.13	18.01	19.0
Channel				501204	518598	535998	19.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.98	18.07	17.87	19.0
Channel				500700	518598	536496	19.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.07	18.02	17.85	19.0
Channel				500202	518598	537000	19.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.07	18.10	17.94	19.0



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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	18.07	18.18	18.02	19.8
100	PI/2 BPSK	1	137	17.87	17.96	17.86	
100	PI/2 BPSK	1	271	18.11	18.16	18.06	
100	PI/2 BPSK	135	0	18.07	18.20	18.02	19.8
100	PI/2 BPSK	135	69	18.14	18.24	18.11	19.8
100	PI/2 BPSK	135	138	18.11	18.22	18.10	19.8
100	PI/2 BPSK	270	0	18.10	18.21	18.08	
100	QPSK	1	1	17.99	18.04	17.87	19.8
100	QPSK	1	137	17.81	17.95	17.86	
100	QPSK	1	271	18.09	18.18	17.98	
100	QPSK	135	0	18.13	18.21	18.07	19.8
100	QPSK	135	69	18.02	18.17	18.04	19.8
100	QPSK	135	138	18.10	18.21	18.05	19.8
100	QPSK	270	0	18.14	18.21	18.01	19.8
100	16QAM	1	1	17.97	18.06	17.89	19.8
100	64QAM	1	1	17.85	17.95	17.83	19.8
100	256QAM	1	1	17.86	17.98	17.84	19.8
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.04	18.01	17.98	19.8
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.91	18.08	17.83	19.8
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.06	18.04	17.85	19.8
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.89	18.15	17.94	19.8
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.96	18.08	17.82	19.8
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.99	17.99	17.90	19.8
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.05	18.13	18.01	19.8
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.98	18.07	17.87	19.8
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.07	18.02	17.85	19.8
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.07	18.10	17.94	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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.07	18.18	18.02	19.0
100	PI/2 BPSK	1	137	17.87	17.96	17.86	
100	PI/2 BPSK	1	271	18.11	18.16	18.06	
100	PI/2 BPSK	135	0	18.07	18.20	18.02	19.0
100	PI/2 BPSK	135	69	18.14	18.24	18.11	19.0
100	PI/2 BPSK	135	138	18.11	18.22	18.10	19.0
100	PI/2 BPSK	270	0	18.10	18.21	18.08	
100	QPSK	1	1	17.99	18.04	17.87	19.0
100	QPSK	1	137	17.81	17.95	17.86	
100	QPSK	1	271	18.09	18.18	17.98	
100	QPSK	135	0	18.13	18.21	18.07	19.0
100	QPSK	135	69	18.02	18.17	18.04	19.0
100	QPSK	135	138	18.10	18.21	18.05	19.0
100	QPSK	270	0	18.14	18.21	18.01	19.0
100	16QAM	1	1	17.97	18.06	17.89	19.0
100	64QAM	1	1	17.85	17.95	17.83	19.0
100	256QAM	1	1	17.86	17.98	17.84	19.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.04	18.01	17.98	19.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.91	18.08	17.83	19.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.06	18.04	17.85	19.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.89	18.15	17.94	19.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.96	18.08	17.82	19.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.99	17.99	17.90	19.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.05	18.13	18.01	19.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.98	18.07	17.87	19.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.07	18.02	17.85	19.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.07	18.10	17.94	19.0



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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	23.98	23.88	23.97	25.4
100	PI/2 BPSK	1	137	23.75	23.65	23.75	
100	PI/2 BPSK	1	271	23.79	23.82	23.80	
100	PI/2 BPSK	135	0	23.51	23.49	23.53	24.9
100	PI/2 BPSK	135	69	23.82	23.84	23.97	25.4
100	PI/2 BPSK	135	138	23.32	23.39	23.44	24.9
100	PI/2 BPSK	270	0	23.34	23.39	23.52	
100	QPSK	1	1	23.88	23.80	23.78	25.4
100	QPSK	1	137	23.68	23.65	23.75	
100	QPSK	1	271	23.72	23.82	23.97	
100	QPSK	135	0	23.02	22.92	23.02	24.4
100	QPSK	135	69	23.90	23.85	23.97	25.4
100	QPSK	135	138	22.82	22.90	22.96	24.4
100	QPSK	270	0	22.88	22.90	22.99	24.4
100	16QAM	1	1	22.92	22.86	22.82	24.4
100	64QAM	1	1	21.39	21.32	21.29	22.9
100	256QAM	1	1	19.41	19.00	19.31	20.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.90	23.93	23.96	25.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.89	23.71	23.91	25.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.79	23.87	23.86	25.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.83	23.80	23.77	25.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.86	23.85	23.79	25.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.82	23.85	23.86	25.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.88	23.85	23.85	25.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.87	23.74	23.87	25.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.82	23.69	23.97	25.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.80	23.92	25.4



<FR1 n41 Ant 0 TX1 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				509202	518598	528000	25.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.98	23.88	23.97	25.4
100	PI/2 BPSK	1	137	23.75	23.65	23.75	
100	PI/2 BPSK	1	271	23.79	23.82	23.80	
100	PI/2 BPSK	135	0	23.51	23.49	23.53	24.9
100	PI/2 BPSK	135	69	23.82	23.84	23.97	25.4
100	PI/2 BPSK	135	138	23.32	23.39	23.44	24.9
100	PI/2 BPSK	270	0	23.34	23.39	23.52	
100	QPSK	1	1	23.88	23.80	23.78	25.4
100	QPSK	1	137	23.68	23.65	23.75	
100	QPSK	1	271	23.72	23.82	23.97	
100	QPSK	135	0	23.02	22.92	23.02	24.4
100	QPSK	135	69	23.90	23.85	23.97	25.4
100	QPSK	135	138	22.82	22.90	22.96	24.4
100	QPSK	270	0	22.88	22.90	22.99	24.4
100	16QAM	1	1	22.92	22.86	22.82	24.4
100	64QAM	1	1	21.39	21.32	21.29	22.9
100	256QAM	1	1	19.41	19.00	19.31	20.9
Channel				508200	518598	528996	25.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.90	23.93	23.96	25.4
Channel				507204	518598	529998	25.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.89	23.71	23.91	25.4
Channel				506202	518598	531000	25.4
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.79	23.87	23.86	25.4
Channel				505200	518598	531996	25.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.83	23.80	23.77	25.4
Channel				504204	518598	532998	25.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.86	23.85	23.79	25.4
Channel				503202	518598	534000	25.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.82	23.85	23.86	25.4
Channel				502200	518598	534996	25.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.88	23.85	23.85	25.4
Channel				501204	518598	535998	25.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.87	23.74	23.87	25.4
Channel				500700	518598	536496	25.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.82	23.69	23.97	25.4
Channel				500202	518598	537000	25.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.80	23.92	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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.98	23.88	23.97	25.4
100	PI/2 BPSK	1	137	23.75	23.65	23.75	
100	PI/2 BPSK	1	271	23.79	23.82	23.80	
100	PI/2 BPSK	135	0	23.51	23.49	23.53	24.9
100	PI/2 BPSK	135	69	23.82	23.84	23.97	25.4
100	PI/2 BPSK	135	138	23.32	23.39	23.44	24.9
100	PI/2 BPSK	270	0	23.34	23.39	23.52	
100	QPSK	1	1	23.88	23.80	23.78	25.4
100	QPSK	1	137	23.68	23.65	23.75	
100	QPSK	1	271	23.72	23.82	23.97	
100	QPSK	135	0	23.02	22.92	23.02	24.4
100	QPSK	135	69	23.90	23.85	23.97	25.4
100	QPSK	135	138	22.82	22.90	22.96	24.4
100	QPSK	270	0	22.88	22.90	22.99	24.4
100	16QAM	1	1	22.92	22.86	22.82	24.4
100	64QAM	1	1	21.39	21.32	21.29	22.9
100	256QAM	1	1	19.41	19.00	19.31	20.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.90	23.93	23.96	25.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.89	23.71	23.91	25.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.79	23.87	23.86	25.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.83	23.80	23.77	25.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.86	23.85	23.79	25.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.82	23.85	23.86	25.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.88	23.85	23.85	25.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.87	23.74	23.87	25.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.82	23.69	23.97	25.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.80	23.92	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				509202	518598	528000	25.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.98	23.88	23.97	25.4
100	PI/2 BPSK	1	137	23.75	23.65	23.75	
100	PI/2 BPSK	1	271	23.79	23.82	23.80	
100	PI/2 BPSK	135	0	23.51	23.49	23.53	24.9
100	PI/2 BPSK	135	69	23.82	23.84	23.97	25.4
100	PI/2 BPSK	135	138	23.32	23.39	23.44	24.9
100	PI/2 BPSK	270	0	23.34	23.39	23.52	
100	QPSK	1	1	23.88	23.80	23.78	25.4
100	QPSK	1	137	23.68	23.65	23.75	
100	QPSK	1	271	23.72	23.82	23.97	
100	QPSK	135	0	23.02	22.92	23.02	24.4
100	QPSK	135	69	23.90	23.85	23.97	25.4
100	QPSK	135	138	22.82	22.90	22.96	24.4
100	QPSK	270	0	22.88	22.90	22.99	24.4
100	16QAM	1	1	22.92	22.86	22.82	24.4
100	64QAM	1	1	21.39	21.32	21.29	22.9
100	256QAM	1	1	19.41	19.00	19.31	20.9
Channel				508200	518598	528996	25.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.90	23.93	23.96	25.4
Channel				507204	518598	529998	25.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.89	23.71	23.91	25.4
Channel				506202	518598	531000	25.4
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.79	23.87	23.86	25.4
Channel				505200	518598	531996	25.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.83	23.80	23.77	25.4
Channel				504204	518598	532998	25.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.86	23.85	23.79	25.4
Channel				503202	518598	534000	25.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.82	23.85	23.86	25.4
Channel				502200	518598	534996	25.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.88	23.85	23.85	25.4
Channel				501204	518598	535998	25.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.87	23.74	23.87	25.4
Channel				500700	518598	536496	25.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.82	23.69	23.97	25.4
Channel				500202	518598	537000	25.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.80	23.92	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				509202	518598	528000	23.5
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.97	23.28	23.17	
100	PI/2 BPSK	1	137	22.73	23.06	23.00	23.5
100	PI/2 BPSK	1	271	22.96	23.24	23.22	
100	PI/2 BPSK	135	0	22.82	23.20	23.12	23.5
100	PI/2 BPSK	135	69	22.90	23.22	23.18	23.5
100	PI/2 BPSK	135	138	22.80	23.11	23.06	23.5
100	PI/2 BPSK	270	0	22.78	23.07	22.98	
100	QPSK	1	1	22.66	23.04	22.97	23.5
100	QPSK	1	137	22.67	22.96	22.94	
100	QPSK	1	271	22.73	23.05	22.93	
100	QPSK	135	0	22.35	22.59	22.50	23.5
100	QPSK	135	69	22.78	23.10	22.98	23.5
100	QPSK	135	138	22.34	22.51	22.49	23.5
100	QPSK	270	0	22.39	22.52	22.49	23.5
100	16QAM	1	1	22.38	22.59	22.54	23.5
100	64QAM	1	1	21.27	21.56	21.48	22.9
100	256QAM	1	1	19.15	19.48	19.45	20.9
Channel				508200	518598	528996	23.5
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.90	23.14	23.02	23.5
Channel				507204	518598	529998	23.5
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.90	23.27	23.01	23.5
Channel				506202	518598	531000	23.5
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.84	23.14	23.05	23.5
Channel				505200	518598	531996	23.5
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.87	23.24	23.07	23.5
Channel				504204	518598	532998	23.5
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.97	23.18	23.04	23.5
Channel				503202	518598	534000	23.5
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.81	23.21	23.05	23.5
Channel				502200	518598	534996	23.5
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.93	23.14	23.11	23.5
Channel				501204	518598	535998	23.5
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.95	23.11	23.05	23.5
Channel				500700	518598	536496	23.5
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.86	23.10	23.09	23.5
Channel				500202	518598	537000	23.5
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.95	23.09	23.03	23.5



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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	22.97	23.28	23.17	24.3
100	PI/2 BPSK	1	137	22.73	23.06	23.00	
100	PI/2 BPSK	1	271	22.96	23.24	23.22	
100	PI/2 BPSK	135	0	22.82	23.20	23.12	24.3
100	PI/2 BPSK	135	69	22.90	23.22	23.18	24.3
100	PI/2 BPSK	135	138	22.80	23.11	23.06	24.3
100	PI/2 BPSK	270	0	22.78	23.07	22.98	
100	QPSK	1	1	22.66	23.04	22.97	24.3
100	QPSK	1	137	22.67	22.96	22.94	
100	QPSK	1	271	22.73	23.05	22.93	
100	QPSK	135	0	22.35	22.59	22.50	24.3
100	QPSK	135	69	22.78	23.10	22.98	24.3
100	QPSK	135	138	22.34	22.51	22.49	24.3
100	QPSK	270	0	22.39	22.52	22.49	24.3
100	16QAM	1	1	22.38	22.59	22.54	24.3
100	64QAM	1	1	21.27	21.56	21.48	22.9
100	256QAM	1	1	19.15	19.48	19.45	20.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.90	23.14	23.02	24.3
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.90	23.27	23.01	24.3
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.84	23.14	23.05	24.3
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.87	23.24	23.07	24.3
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.97	23.18	23.04	24.3
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.81	23.21	23.05	24.3
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.93	23.14	23.11	24.3
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.95	23.11	23.05	24.3
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.86	23.10	23.09	24.3
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.95	23.09	23.03	24.3



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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	23.90	23.87	23.78	25.2
100	PI/2 BPSK	1	137	23.99	23.86	23.87	
100	PI/2 BPSK	1	271	23.72	23.71	23.70	
100	PI/2 BPSK	135	0	23.71	23.67	23.70	24.7
100	PI/2 BPSK	135	69	24.13	24.08	24.05	25.2
100	PI/2 BPSK	135	138	23.59	23.50	23.46	24.7
100	PI/2 BPSK	270	0	23.58	23.62	23.62	
100	QPSK	1	1	23.88	23.80	23.82	25.2
100	QPSK	1	137	23.99	23.89	23.88	
100	QPSK	1	271	23.72	23.73	23.70	
100	QPSK	135	0	23.24	23.18	23.21	24.2
100	QPSK	135	69	24.12	24.07	24.08	25.2
100	QPSK	135	138	23.08	23.01	23.02	24.2
100	QPSK	270	0	23.08	23.12	23.14	24.2
100	16QAM	1	1	22.90	22.84	22.86	24.2
100	64QAM	1	1	21.37	21.32	21.32	22.7
100	256QAM	1	1	19.59	19.71	19.66	20.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.89	23.73	23.73	25.2
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.73	23.72	23.70	25.2
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.84	23.75	23.70	25.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.82	23.81	23.65	25.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.84	23.83	23.62	25.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.81	23.83	23.77	25.2
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.77	23.81	23.74	25.2
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.89	23.71	23.61	25.2
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.72	23.72	23.64	25.2
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.67	23.61	25.2



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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	25.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.90	23.87	23.78	
100	PI/2 BPSK	1	137	23.99	23.86	23.87	24.7
100	PI/2 BPSK	1	271	23.72	23.71	23.70	
100	PI/2 BPSK	135	0	23.71	23.67	23.70	25.2
100	PI/2 BPSK	135	69	24.13	24.08	24.05	
100	PI/2 BPSK	135	138	23.59	23.50	23.46	24.7
100	PI/2 BPSK	270	0	23.58	23.62	23.62	
100	QPSK	1	1	23.88	23.80	23.82	25.2
100	QPSK	1	137	23.99	23.89	23.88	
100	QPSK	1	271	23.72	23.73	23.70	
100	QPSK	135	0	23.24	23.18	23.21	24.2
100	QPSK	135	69	24.12	24.07	24.08	25.2
100	QPSK	135	138	23.08	23.01	23.02	24.2
100	QPSK	270	0	23.08	23.12	23.14	24.2
100	16QAM	1	1	22.90	22.84	22.86	24.2
100	64QAM	1	1	21.37	21.32	21.32	22.7
100	256QAM	1	1	19.59	19.71	19.66	20.7
Channel				508200	518598	528996	25.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.89	23.73	23.73	
Channel				507204	518598	529998	25.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.73	23.72	23.70	
Channel				506202	518598	531000	25.2
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.84	23.75	23.70	
Channel				505200	518598	531996	25.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.82	23.81	23.65	
Channel				504204	518598	532998	25.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.84	23.83	23.62	
Channel				503202	518598	534000	25.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.81	23.83	23.77	
Channel				502200	518598	534996	25.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.77	23.81	23.74	
Channel				501204	518598	535998	25.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.89	23.71	23.61	
Channel				500700	518598	536496	25.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.72	23.72	23.64	
Channel				500202	518598	537000	25.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.67	23.61	



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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	25.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.90	23.87	23.78	25.2
100	PI/2 BPSK	1	137	23.99	23.86	23.87	
100	PI/2 BPSK	1	271	23.72	23.71	23.70	
100	PI/2 BPSK	135	0	23.71	23.67	23.70	24.7
100	PI/2 BPSK	135	69	24.13	24.08	24.05	25.2
100	PI/2 BPSK	135	138	23.59	23.50	23.46	24.7
100	PI/2 BPSK	270	0	23.58	23.62	23.62	
100	QPSK	1	1	23.88	23.80	23.82	25.2
100	QPSK	1	137	23.99	23.89	23.88	
100	QPSK	1	271	23.72	23.73	23.70	
100	QPSK	135	0	23.24	23.18	23.21	24.2
100	QPSK	135	69	24.12	24.07	24.08	25.2
100	QPSK	135	138	23.08	23.01	23.02	24.2
100	QPSK	270	0	23.08	23.12	23.14	24.2
100	16QAM	1	1	22.90	22.84	22.86	24.2
100	64QAM	1	1	21.37	21.32	21.32	22.7
100	256QAM	1	1	19.59	19.71	19.66	20.7
Channel				508200	518598	528996	25.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.89	23.73	23.73	25.2
Channel				507204	518598	529998	25.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.73	23.72	23.70	25.2
Channel				506202	518598	531000	25.2
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.84	23.75	23.70	25.2
Channel				505200	518598	531996	25.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.82	23.81	23.65	25.2
Channel				504204	518598	532998	25.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.84	23.83	23.62	25.2
Channel				503202	518598	534000	25.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.81	23.83	23.77	25.2
Channel				502200	518598	534996	25.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.77	23.81	23.74	25.2
Channel				501204	518598	535998	25.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.89	23.71	23.61	25.2
Channel				500700	518598	536496	25.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.72	23.72	23.64	25.2
Channel				500202	518598	537000	25.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.80	23.67	23.61	25.2



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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	16.28	16.38	16.31	17.7
100	PI/2 BPSK	1	137	16.27	16.37	16.22	
100	PI/2 BPSK	1	271	16.14	16.16	16.10	
100	PI/2 BPSK	135	0	16.52	16.55	16.47	17.7
100	PI/2 BPSK	135	69	16.58	16.59	16.53	17.7
100	PI/2 BPSK	135	138	16.39	16.42	16.26	17.7
100	PI/2 BPSK	270	0	16.53	16.57	16.41	
100	QPSK	1	1	16.25	16.33	16.23	17.7
100	QPSK	1	137	16.35	16.36	16.25	
100	QPSK	1	271	16.05	16.14	16.05	
100	QPSK	135	0	16.52	16.56	16.44	17.7
100	QPSK	135	69	16.50	16.51	16.35	17.7
100	QPSK	135	138	16.35	16.39	16.27	17.7
100	QPSK	270	0	16.53	16.54	16.46	17.7
100	16QAM	1	1	16.46	16.54	16.42	17.7
100	64QAM	1	1	16.10	16.21	16.05	17.7
100	256QAM	1	1	16.36	16.45	16.29	17.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.21	16.23	16.20	17.7
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.12	16.18	16.16	17.7
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.23	16.31	16.22	17.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.16	16.24	16.29	17.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.18	16.36	16.30	17.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.21	16.21	16.14	17.7
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.10	16.20	16.31	17.7
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.19	16.34	16.20	17.7
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.09	16.20	16.21	17.7
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.20	16.21	16.13	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				509202	518598	528000	16.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.28	16.38	16.31	16.9
100	PI/2 BPSK	1	137	16.27	16.37	16.22	
100	PI/2 BPSK	1	271	16.14	16.16	16.10	
100	PI/2 BPSK	135	0	16.52	16.55	16.47	16.9
100	PI/2 BPSK	135	69	16.58	16.59	16.53	16.9
100	PI/2 BPSK	135	138	16.39	16.42	16.26	16.9
100	PI/2 BPSK	270	0	16.53	16.57	16.41	
100	QPSK	1	1	16.25	16.33	16.23	16.9
100	QPSK	1	137	16.35	16.36	16.25	
100	QPSK	1	271	16.05	16.14	16.05	
100	QPSK	135	0	16.52	16.56	16.44	16.9
100	QPSK	135	69	16.50	16.51	16.35	16.9
100	QPSK	135	138	16.35	16.39	16.27	16.9
100	QPSK	270	0	16.53	16.54	16.46	16.9
100	16QAM	1	1	16.46	16.54	16.42	16.9
100	64QAM	1	1	16.10	16.21	16.05	16.9
100	256QAM	1	1	16.36	16.45	16.29	16.9
Channel				508200	518598	528996	16.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.21	16.23	16.20	16.9
Channel				507204	518598	529998	16.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.12	16.18	16.16	16.9
Channel				506202	518598	531000	16.9
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.23	16.31	16.22	16.9
Channel				505200	518598	531996	16.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.16	16.24	16.29	16.9
Channel				504204	518598	532998	16.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.18	16.36	16.30	16.9
Channel				503202	518598	534000	16.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.21	16.21	16.14	16.9
Channel				502200	518598	534996	16.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.10	16.20	16.31	16.9
Channel				501204	518598	535998	16.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.19	16.34	16.20	16.9
Channel				500700	518598	536496	16.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.09	16.20	16.21	16.9
Channel				500202	518598	537000	16.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.20	16.21	16.13	16.9



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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				509202	518598	528000	22.1
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.89	21.86	21.77	22.1
100	PI/2 BPSK	1	137	21.98	21.85	21.86	
100	PI/2 BPSK	1	271	21.71	21.70	21.69	
100	PI/2 BPSK	135	0	21.70	21.66	21.69	22.1
100	PI/2 BPSK	135	69	22.02	22.07	22.04	22.1
100	PI/2 BPSK	135	138	21.58	21.49	21.45	22.1
100	PI/2 BPSK	270	0	21.57	21.61	21.61	
100	QPSK	1	1	21.87	21.79	21.81	22.1
100	QPSK	1	137	21.98	21.88	21.87	
100	QPSK	1	271	21.71	21.72	21.69	
100	QPSK	135	0	21.23	21.17	21.20	22.1
100	QPSK	135	69	22.01	22.06	22.06	22.1
100	QPSK	135	138	21.07	21.00	21.01	22.1
100	QPSK	270	0	21.07	21.11	21.13	22.1
100	16QAM	1	1	21.89	21.83	21.85	22.1
100	64QAM	1	1	21.42	21.30	21.35	22.1
100	256QAM	1	1	19.62	19.61	19.70	20.7
Channel				508200	518598	528996	22.1
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.86	21.83	21.70	22.1
Channel				507204	518598	529998	22.1
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.81	21.66	21.61	22.1
Channel				506202	518598	531000	22.1
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.78	21.78	21.71	22.1
Channel				505200	518598	531996	22.1
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.76	21.74	21.76	22.1
Channel				504204	518598	532998	22.1
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.76	21.85	21.59	22.1
Channel				503202	518598	534000	22.1
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.72	21.82	21.63	22.1
Channel				502200	518598	534996	22.1
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.72	21.68	21.68	22.1
Channel				501204	518598	535998	22.1
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.85	21.75	21.69	22.1
Channel				500700	518598	536496	22.1
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.71	21.76	21.69	22.1
Channel				500202	518598	537000	22.1
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.74	21.73	21.75	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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.89	21.86	21.77	22.9
100	PI/2 BPSK	1	137	21.98	21.85	21.86	
100	PI/2 BPSK	1	271	21.71	21.70	21.69	
100	PI/2 BPSK	135	0	21.70	21.66	21.69	22.9
100	PI/2 BPSK	135	69	22.02	22.07	22.04	22.9
100	PI/2 BPSK	135	138	21.58	21.49	21.45	22.9
100	PI/2 BPSK	270	0	21.57	21.61	21.61	
100	QPSK	1	1	21.87	21.79	21.81	22.9
100	QPSK	1	137	21.98	21.88	21.87	
100	QPSK	1	271	21.71	21.72	21.69	
100	QPSK	135	0	21.23	21.17	21.20	22.9
100	QPSK	135	69	22.01	22.06	22.06	22.9
100	QPSK	135	138	21.07	21.00	21.01	22.9
100	QPSK	270	0	21.07	21.11	21.13	22.9
100	16QAM	1	1	21.89	21.83	21.85	22.9
100	64QAM	1	1	21.42	21.30	21.35	22.7
100	256QAM	1	1	19.62	19.61	19.70	20.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.86	21.83	21.70	22.9
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.81	21.66	21.61	22.9
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.78	21.78	21.71	22.9
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.76	21.74	21.76	22.9
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.76	21.85	21.59	22.9
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.72	21.82	21.63	22.9
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.72	21.68	21.68	22.9
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.85	21.75	21.69	22.9
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.71	21.76	21.69	22.9
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.74	21.73	21.75	22.9



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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				509202	518598	528000	22.1
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.89	21.86	21.77	22.1
100	PI/2 BPSK	1	137	21.98	21.85	21.86	
100	PI/2 BPSK	1	271	21.71	21.70	21.69	
100	PI/2 BPSK	135	0	21.70	21.66	21.69	22.1
100	PI/2 BPSK	135	69	22.02	22.07	22.04	22.1
100	PI/2 BPSK	135	138	21.58	21.49	21.45	22.1
100	PI/2 BPSK	270	0	21.57	21.61	21.61	
100	QPSK	1	1	21.87	21.79	21.81	22.1
100	QPSK	1	137	21.98	21.88	21.87	
100	QPSK	1	271	21.71	21.72	21.69	
100	QPSK	135	0	21.23	21.17	21.20	22.1
100	QPSK	135	69	22.01	22.06	22.06	22.1
100	QPSK	135	138	21.07	21.00	21.01	22.1
100	QPSK	270	0	21.07	21.11	21.13	22.1
100	16QAM	1	1	21.89	21.83	21.85	22.1
100	64QAM	1	1	21.42	21.30	21.35	22.1
100	256QAM	1	1	19.62	19.61	19.70	20.7
Channel				508200	518598	528996	22.1
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.86	21.83	21.70	22.1
Channel				507204	518598	529998	22.1
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.81	21.66	21.61	22.1
Channel				506202	518598	531000	22.1
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.78	21.78	21.71	22.1
Channel				505200	518598	531996	22.1
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.76	21.74	21.76	22.1
Channel				504204	518598	532998	22.1
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.76	21.85	21.59	22.1
Channel				503202	518598	534000	22.1
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.72	21.82	21.63	22.1
Channel				502200	518598	534996	22.1
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.72	21.68	21.68	22.1
Channel				501204	518598	535998	22.1
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.85	21.75	21.69	22.1
Channel				500700	518598	536496	22.1
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.71	21.76	21.69	22.1
Channel				500202	518598	537000	22.1
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.74	21.73	21.75	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				509202	518598	528000	25.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.21	23.38	23.28	25.2
100	PI/2 BPSK	1	137	23.53	23.42	23.55	
100	PI/2 BPSK	1	271	23.22	23.36	23.44	
100	PI/2 BPSK	135	0	23.14	23.19	23.13	24.7
100	PI/2 BPSK	135	69	23.66	23.61	23.75	25.2
100	PI/2 BPSK	135	138	23.08	23.03	23.22	24.7
100	PI/2 BPSK	270	0	23.12	23.11	23.20	
100	QPSK	1	1	23.26	23.37	23.26	25.2
100	QPSK	1	137	23.53	23.42	23.57	
100	QPSK	1	271	23.25	23.39	23.43	
100	QPSK	135	0	22.63	22.72	22.67	24.2
100	QPSK	135	69	23.65	23.59	23.74	25.2
100	QPSK	135	138	22.61	22.55	22.75	24.2
100	QPSK	270	0	22.65	22.62	22.72	24.2
100	16QAM	1	1	22.23	22.48	22.33	24.2
100	64QAM	1	1	20.72	20.94	20.78	22.7
100	256QAM	1	1	18.96	19.31	19.09	20.7
Channel				508200	518598	528996	25.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.20	23.22	23.25	25.2
Channel				507204	518598	529998	25.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.21	23.39	23.38	25.2
Channel				506202	518598	531000	25.2
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.23	23.35	23.25	25.2
Channel				505200	518598	531996	25.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.20	23.32	23.29	25.2
Channel				504204	518598	532998	25.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.24	23.21	23.25	25.2
Channel				503202	518598	534000	25.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.21	23.28	23.20	25.2
Channel				502200	518598	534996	25.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.26	23.29	23.26	25.2
Channel				501204	518598	535998	25.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.22	23.31	23.21	25.2
Channel				500700	518598	536496	25.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.22	23.24	23.25	25.2
Channel				500202	518598	537000	25.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.21	23.32	23.29	25.2



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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	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.69	21.60	21.55	
100	PI/2 BPSK	1	137	21.75	21.64	21.71	22.0
100	PI/2 BPSK	1	271	21.67	21.58	21.63	
100	PI/2 BPSK	135	0	21.64	21.71	21.70	22.0
100	PI/2 BPSK	135	69	21.65	21.76	21.74	22.0
100	PI/2 BPSK	135	138	21.48	21.68	21.56	22.0
100	PI/2 BPSK	270	0	21.62	21.73	21.63	
100	QPSK	1	1	21.49	21.63	21.56	22.0
100	QPSK	1	137	21.49	21.69	21.59	
100	QPSK	1	271	21.51	21.64	21.62	
100	QPSK	135	0	21.57	21.70	21.61	22.0
100	QPSK	135	69	21.47	21.62	21.59	22.0
100	QPSK	135	138	21.52	21.73	21.69	22.0
100	QPSK	270	0	21.44	21.61	21.55	22.0
100	16QAM	1	1	21.51	21.67	21.62	22.0
100	64QAM	1	1	20.72	20.91	20.81	22.0
100	256QAM	1	1	19.34	19.52	19.45	20.7
Channel				508200	518598	528996	22.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.49	21.49	21.55	22.0
Channel				507204	518598	529998	22.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.66	21.43	21.51	22.0
Channel				506202	518598	531000	22.0
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.67	21.46	21.49	22.0
Channel				505200	518598	531996	22.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.66	21.42	21.43	22.0
Channel				504204	518598	532998	22.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.63	21.60	21.35	22.0
Channel				503202	518598	534000	22.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.60	21.55	21.46	22.0
Channel				502200	518598	534996	22.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.59	21.52	21.44	22.0
Channel				501204	518598	535998	22.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.68	21.46	21.51	22.0
Channel				500700	518598	536496	22.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.55	21.41	21.43	22.0
Channel				500202	518598	537000	22.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.53	21.44	21.54	22.0



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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	21.69	21.60	21.65	22.8
100	PI/2 BPSK	1	137	21.75	21.64	21.71	
100	PI/2 BPSK	1	271	21.67	21.60	21.63	
100	PI/2 BPSK	135	0	21.64	21.71	21.70	22.8
100	PI/2 BPSK	135	69	21.65	21.76	21.74	22.8
100	PI/2 BPSK	135	138	21.63	21.68	21.66	22.8
100	PI/2 BPSK	270	0	21.62	21.73	21.63	
100	QPSK	1	1	21.69	21.63	21.66	22.8
100	QPSK	1	137	21.69	21.69	21.69	
100	QPSK	1	271	21.61	21.64	21.62	
100	QPSK	135	0	21.67	21.70	21.61	22.8
100	QPSK	135	69	21.70	21.62	21.69	22.8
100	QPSK	135	138	21.62	21.73	21.69	22.8
100	QPSK	270	0	21.64	21.61	21.65	22.8
100	16QAM	1	1	21.61	21.67	21.62	22.8
100	64QAM	1	1	20.72	20.91	20.81	22.7
100	256QAM	1	1	19.34	19.52	19.45	20.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.69	21.69	21.65	22.8
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.66	21.63	21.61	22.8
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.67	21.66	21.69	22.8
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.66	21.62	21.63	22.8
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.63	21.60	21.65	22.8
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.60	21.65	21.66	22.8
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.69	21.62	21.64	22.8
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.68	21.66	21.61	22.8
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.65	21.61	21.63	22.8
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.63	21.64	21.64	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				509202	518598	528000	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.69	21.60	21.65	22.0
100	PI/2 BPSK	1	137	21.75	21.64	21.71	
100	PI/2 BPSK	1	271	21.67	21.60	21.63	
100	PI/2 BPSK	135	0	21.64	21.71	21.70	22.0
100	PI/2 BPSK	135	69	21.65	21.76	21.74	22.0
100	PI/2 BPSK	135	138	21.63	21.68	21.66	22.0
100	PI/2 BPSK	270	0	21.62	21.73	21.63	
100	QPSK	1	1	21.69	21.63	21.66	22.0
100	QPSK	1	137	21.69	21.69	21.69	
100	QPSK	1	271	21.61	21.64	21.62	
100	QPSK	135	0	21.67	21.70	21.61	22.0
100	QPSK	135	69	21.70	21.62	21.69	22.0
100	QPSK	135	138	21.62	21.73	21.69	22.0
100	QPSK	270	0	21.64	21.61	21.65	22.0
100	16QAM	1	1	21.61	21.67	21.62	22.0
100	64QAM	1	1	20.72	20.91	20.81	22.0
100	256QAM	1	1	19.34	19.52	19.45	20.7
Channel				508200	518598	528996	22.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.69	21.69	21.65	22.0
Channel				507204	518598	529998	22.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.66	21.63	21.61	22.0
Channel				506202	518598	531000	22.0
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.67	21.66	21.69	22.0
Channel				505200	518598	531996	22.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.66	21.62	21.63	22.0
Channel				504204	518598	532998	22.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.63	21.60	21.65	22.0
Channel				503202	518598	534000	22.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.60	21.65	21.66	22.0
Channel				502200	518598	534996	22.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.69	21.62	21.64	22.0
Channel				501204	518598	535998	22.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.68	21.66	21.61	22.0
Channel				500700	518598	536496	22.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.65	21.61	21.63	22.0
Channel				500202	518598	537000	22.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.63	21.64	21.64	22.0



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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	23.21	23.38	23.28	25.2
100	PI/2 BPSK	1	137	23.53	23.42	23.55	
100	PI/2 BPSK	1	271	23.22	23.36	23.44	
100	PI/2 BPSK	135	0	23.14	23.19	23.13	24.7
100	PI/2 BPSK	135	69	23.66	23.61	23.75	25.2
100	PI/2 BPSK	135	138	23.08	23.03	23.22	24.7
100	PI/2 BPSK	270	0	23.12	23.11	23.20	
100	QPSK	1	1	23.26	23.37	23.26	25.2
100	QPSK	1	137	23.53	23.42	23.57	
100	QPSK	1	271	23.25	23.39	23.43	
100	QPSK	135	0	22.63	22.72	22.67	24.2
100	QPSK	135	69	23.65	23.59	23.74	25.2
100	QPSK	135	138	22.61	22.55	22.75	24.2
100	QPSK	270	0	22.65	22.62	22.72	24.2
100	16QAM	1	1	22.23	22.48	22.33	24.2
100	64QAM	1	1	20.72	20.94	20.78	22.7
100	256QAM	1	1	18.96	19.31	19.09	20.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.20	23.22	23.25	25.2
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.21	23.39	23.38	25.2
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.23	23.35	23.25	25.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.20	23.32	23.29	25.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.24	23.21	23.25	25.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.21	23.28	23.20	25.2
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.26	23.29	23.26	25.2
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.22	23.31	23.21	25.2
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.22	23.24	23.25	25.2
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.21	23.32	23.29	25.2



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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	20.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.29	20.44	20.30	
100	PI/2 BPSK	1	137	20.31	20.45	20.37	20.8
100	PI/2 BPSK	1	271	20.19	20.34	20.22	
100	PI/2 BPSK	135	0	20.49	20.64	20.46	
100	PI/2 BPSK	135	69	20.50	20.65	20.55	20.8
100	PI/2 BPSK	135	138	20.30	20.47	20.35	20.8
100	PI/2 BPSK	270	0	20.40	20.57	20.46	
100	QPSK	1	1	20.16	20.36	20.24	
100	QPSK	1	137	20.13	20.35	20.18	20.8
100	QPSK	1	271	20.17	20.26	20.12	
100	QPSK	135	0	20.43	20.63	20.49	
100	QPSK	135	69	20.32	20.54	20.40	20.8
100	QPSK	135	138	20.23	20.47	20.37	20.8
100	QPSK	270	0	20.40	20.56	20.47	20.8
100	16QAM	1	1	20.30	20.44	20.29	20.8
100	64QAM	1	1	20.33	20.49	20.32	20.8
100	256QAM	1	1	19.23	19.38	19.29	20.7
Channel				508200	518598	528996	20.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.10	20.35	20.26	
Channel				507204	518598	529998	20.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.15	20.24	20.23	
Channel				506202	518598	531000	20.8
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.09	20.37	20.24	
Channel				505200	518598	531996	21.3
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.19	20.26	20.26	
Channel				504204	518598	532998	20.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.28	20.44	20.22	
Channel				503202	518598	534000	20.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.23	20.29	20.14	
Channel				502200	518598	534996	20.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.12	20.35	20.14	
Channel				501204	518598	535998	20.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.22	20.26	20.26	
Channel				500700	518598	536496	20.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.10	20.34	20.18	
Channel				500202	518598	537000	20.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.23	20.40	20.20	



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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 (dBm)
Channel				509202	518598	528000	21.6
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.29	20.44	20.30	
100	PI/2 BPSK	1	137	20.31	20.45	20.37	21.6
100	PI/2 BPSK	1	271	20.19	20.34	20.22	
100	PI/2 BPSK	135	0	20.49	20.64	20.46	
100	PI/2 BPSK	135	69	20.50	20.65	20.55	21.6
100	PI/2 BPSK	135	138	20.30	20.47	20.35	
100	PI/2 BPSK	270	0	20.40	20.57	20.46	
100	QPSK	1	1	20.16	20.36	20.24	21.6
100	QPSK	1	137	20.13	20.35	20.18	
100	QPSK	1	271	20.17	20.26	20.12	
100	QPSK	135	0	20.43	20.63	20.49	21.6
100	QPSK	135	69	20.32	20.54	20.40	
100	QPSK	135	138	20.23	20.47	20.37	
100	QPSK	270	0	20.40	20.56	20.47	21.6
100	16QAM	1	1	20.30	20.44	20.29	
100	64QAM	1	1	20.33	20.49	20.32	
100	256QAM	1	1	19.23	19.38	19.29	20.7
Channel				508200	518598	528996	21.6
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.10	20.35	20.26	
Channel				507204	518598	529998	21.6
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.15	20.24	20.23	
Channel				506202	518598	531000	21.6
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.19	20.37	20.24	
Channel				505200	518598	531996	21.6
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.19	20.26	20.26	
Channel				504204	518598	532998	21.6
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.28	20.44	20.22	
Channel				503202	518598	534000	21.6
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.23	20.29	20.14	
Channel				502200	518598	534996	21.6
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.12	20.35	20.14	
Channel				501204	518598	535998	21.6
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.22	20.26	20.26	
Channel				500700	518598	536496	21.6
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.10	20.34	20.18	
Channel				500202	518598	537000	21.6
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.23	20.40	20.20	



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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 (dBm)
Channel				509202	518598	528000	20.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.29	20.44	20.30	
100	PI/2 BPSK	1	137	20.31	20.45	20.37	20.8
100	PI/2 BPSK	1	271	20.19	20.34	20.22	
100	PI/2 BPSK	135	0	20.49	20.64	20.46	
100	PI/2 BPSK	135	69	20.50	20.65	20.55	20.8
100	PI/2 BPSK	135	138	20.30	20.47	20.35	20.8
100	PI/2 BPSK	270	0	20.40	20.57	20.46	
100	QPSK	1	1	20.16	20.36	20.24	
100	QPSK	1	137	20.13	20.35	20.18	20.8
100	QPSK	1	271	20.17	20.26	20.12	
100	QPSK	135	0	20.43	20.63	20.49	
100	QPSK	135	69	20.32	20.54	20.40	20.8
100	QPSK	135	138	20.23	20.47	20.37	20.8
100	QPSK	270	0	20.40	20.56	20.47	20.8
100	16QAM	1	1	20.30	20.44	20.29	20.8
100	64QAM	1	1	20.33	20.49	20.32	20.8
100	256QAM	1	1	19.23	19.38	19.29	20.7
Channel				508200	518598	528996	20.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.10	20.35	20.26	
Channel				507204	518598	529998	20.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.15	20.24	20.23	
Channel				506202	518598	531000	20.8
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.19	20.37	20.24	
Channel				505200	518598	531996	20.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.19	20.26	20.26	
Channel				504204	518598	532998	20.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.28	20.44	20.22	
Channel				503202	518598	534000	20.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.23	20.29	20.14	
Channel				502200	518598	534996	20.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.12	20.35	20.14	
Channel				501204	518598	535998	20.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.22	20.26	20.26	
Channel				500700	518598	536496	20.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.10	20.34	20.18	
Channel				500202	518598	537000	20.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.23	20.40	20.20	



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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 (dBm)
Channel				509202	518598	528000	27.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.55	26.56	26.56	27.4
100	PI/2 BPSK	1	137	26.38	26.42	26.48	
100	PI/2 BPSK	1	271	26.54	26.49	26.37	
100	PI/2 BPSK	135	0	26.18	26.19	26.26	26.9
100	PI/2 BPSK	135	69	26.47	26.53	26.51	27.4
100	PI/2 BPSK	135	138	26.11	26.16	26.04	26.9
100	PI/2 BPSK	270	0	26.05	26.20	26.23	
100	QPSK	1	1	26.53	26.47	26.47	27.4
100	QPSK	1	137	26.39	26.43	26.47	
100	QPSK	1	271	26.54	26.56	26.40	
100	QPSK	135	0	23.67	23.66	23.74	24.4
100	QPSK	135	69	26.50	26.47	26.48	27.4
100	QPSK	135	138	23.57	23.64	23.49	24.4
100	QPSK	270	0	23.52	23.65	23.73	24.4
100	16QAM	1	1	25.56	25.50	25.59	26.4
100	64QAM	1	1	23.94	23.92	23.99	24.9
100	256QAM	1	1	21.95	21.93	21.96	22.9
Channel				508200	518598	528996	27.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.52	26.55	26.51	27.4
Channel				507204	518598	529998	27.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.52	26.50	26.56	27.4
Channel				506202	518598	531000	27.4
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.51	26.48	26.51	27.4
Channel				505200	518598	531996	27.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.50	26.54	26.49	27.4
Channel				504204	518598	532998	27.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.49	26.48	26.50	27.4
Channel				503202	518598	534000	27.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.52	26.52	26.52	27.4
Channel				502200	518598	534996	27.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.55	26.53	26.48	27.4
Channel				501204	518598	535998	27.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.45	26.49	26.47	27.4
Channel				500700	518598	536496	27.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.53	26.51	26.47	27.4
Channel				500202	518598	537000	27.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.45	26.53	26.55	27.4



<FR1 n41 HPUE Ant 2 TX0 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.23	21.15	21.15	21.6
100	PI/2 BPSK	1	137	20.92	20.97	21.09	
100	PI/2 BPSK	1	271	21.12	21.06	21.05	
100	PI/2 BPSK	135	0	21.14	21.11	21.21	21.6
100	PI/2 BPSK	135	69	21.19	21.14	21.09	21.6
100	PI/2 BPSK	135	138	21.15	21.10	21.16	21.6
100	PI/2 BPSK	270	0	21.11	21.22	21.16	
100	QPSK	1	1	20.93	21.04	21.03	21.6
100	QPSK	1	137	20.86	21.00	20.99	
100	QPSK	1	271	21.04	21.19	21.19	
100	QPSK	135	0	21.11	21.22	21.18	21.6
100	QPSK	135	69	21.03	21.19	21.18	21.6
100	QPSK	135	138	21.01	21.22	21.18	21.6
100	QPSK	270	0	21.04	21.22	21.16	21.6
100	16QAM	1	1	20.92	21.06	21.02	21.6
100	64QAM	1	1	20.87	20.98	20.99	21.6
100	256QAM	1	1	20.86	20.99	21.03	21.6
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.10	21.11	21.14	21.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.09	20.97	20.96	21.6
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.07	21.06	21.14	21.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.02	21.02	21.15	21.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.04	21.01	20.95	21.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.06	20.95	21.13	21.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.99	20.95	21.05	21.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.02	21.01	21.08	21.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.08	21.00	21.15	21.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.16	21.09	21.01	21.6



<FR1 n41 HPUE Ant 2 TX0 Index 5>

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	22.16	22.16	22.17	23.7
100	PI/2 BPSK	1	137	21.95	22.03	22.11	
100	PI/2 BPSK	1	271	22.14	22.13	22.07	
100	PI/2 BPSK	135	0	22.10	22.15	22.23	23.7
100	PI/2 BPSK	135	69	22.13	22.22	22.29	23.7
100	PI/2 BPSK	135	138	22.11	22.17	22.18	23.7
100	PI/2 BPSK	270	0	22.13	22.26	22.36	
100	QPSK	1	1	21.84	22.05	22.12	23.7
100	QPSK	1	137	21.79	22.02	22.07	
100	QPSK	1	271	22.00	22.20	22.24	
100	QPSK	135	0	22.09	22.25	22.26	23.7
100	QPSK	135	69	22.04	22.22	22.26	23.7
100	QPSK	135	138	22.07	22.25	22.35	23.7
100	QPSK	270	0	22.09	22.26	22.32	23.7
100	16QAM	1	1	21.91	22.06	22.16	23.7
100	64QAM	1	1	21.86	22.02	22.09	23.7
100	256QAM	1	1	21.71	21.92	21.92	23.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.09	21.99	22.04	23.7
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.99	22.02	22.09	23.7
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.12	22.10	22.15	23.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.03	22.11	22.06	23.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.12	22.09	22.10	23.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.09	22.05	21.98	23.7
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.06	22.13	22.00	23.7
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.00	22.09	22.14	23.7
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.06	22.13	22.00	23.7
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.05	22.09	21.98	23.7



<FR1 n41 HPUE Ant 2 TX0 Index 6>

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	22.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.16	22.16	22.17	22.9
100	PI/2 BPSK	1	137	21.95	22.03	22.11	
100	PI/2 BPSK	1	271	22.14	22.13	22.07	
100	PI/2 BPSK	135	0	22.10	22.15	22.23	22.9
100	PI/2 BPSK	135	69	22.13	22.22	22.29	22.9
100	PI/2 BPSK	135	138	22.11	22.17	22.18	22.9
100	PI/2 BPSK	270	0	22.13	22.26	22.36	
100	QPSK	1	1	21.84	22.05	22.12	22.9
100	QPSK	1	137	21.79	22.02	22.07	
100	QPSK	1	271	22.00	22.20	22.24	
100	QPSK	135	0	22.09	22.25	22.26	22.9
100	QPSK	135	69	22.04	22.22	22.26	22.9
100	QPSK	135	138	22.07	22.25	22.35	22.9
100	QPSK	270	0	22.09	22.26	22.32	22.9
100	16QAM	1	1	21.91	22.06	22.16	22.9
100	64QAM	1	1	21.86	22.02	22.09	22.9
100	256QAM	1	1	21.71	21.92	21.92	22.9
Channel				508200	518598	528996	22.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.09	21.99	22.04	22.9
Channel				507204	518598	529998	22.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.99	22.02	22.09	22.9
Channel				506202	518598	531000	22.9
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.12	22.10	22.15	22.9
Channel				505200	518598	531996	22.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.03	22.11	22.06	22.9
Channel				504204	518598	532998	22.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.12	22.09	22.10	22.9
Channel				503202	518598	534000	22.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.09	22.05	21.98	22.9
Channel				502200	518598	534996	22.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.06	22.13	22.00	22.9
Channel				501204	518598	535998	22.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.00	22.09	22.14	22.9
Channel				500700	518598	536496	22.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.06	22.13	22.00	22.9
Channel				500202	518598	537000	22.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.05	22.09	21.98	22.9



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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.55	26.56	26.56	27.4
100	PI/2 BPSK	1	137	26.38	26.42	26.48	
100	PI/2 BPSK	1	271	26.54	26.49	26.37	
100	PI/2 BPSK	135	0	26.18	26.19	26.26	26.9
100	PI/2 BPSK	135	69	26.57	26.63	26.71	27.4
100	PI/2 BPSK	135	138	26.11	26.16	26.04	26.9
100	PI/2 BPSK	270	0	26.05	26.20	26.23	
100	QPSK	1	1	26.53	26.47	26.57	27.4
100	QPSK	1	137	26.39	26.43	26.47	
100	QPSK	1	271	26.54	26.56	26.40	
100	QPSK	135	0	23.67	23.66	23.74	24.4
100	QPSK	135	69	26.60	26.67	26.68	27.4
100	QPSK	135	138	23.57	23.64	23.49	24.4
100	QPSK	270	0	23.52	23.65	23.73	24.4
100	16QAM	1	1	25.56	25.50	25.59	26.4
100	64QAM	1	1	23.94	23.92	23.99	24.9
100	256QAM	1	1	21.95	21.93	21.96	22.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.62	26.55	26.61	27.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.62	26.60	26.56	27.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.51	26.48	26.61	27.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.60	26.64	26.59	27.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.49	26.48	26.60	27.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.52	26.52	26.52	27.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.55	26.53	26.48	27.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.45	26.49	26.47	27.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.53	26.61	26.47	27.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.45	26.63	26.55	27.4



<FR1 n41 HPUE Ant 2 TX0 Index 9>

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	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.00	21.13	20.97	22.0
100	PI/2 BPSK	1	137	20.85	20.99	20.84	
100	PI/2 BPSK	1	271	20.90	21.08	20.95	
100	PI/2 BPSK	135	0	21.09	21.24	21.11	22.0
100	PI/2 BPSK	135	69	21.11	21.26	21.15	22.0
100	PI/2 BPSK	135	138	21.15	21.25	21.18	22.0
100	PI/2 BPSK	270	0	21.04	21.23	21.15	
100	QPSK	1	1	20.85	21.02	20.85	22.0
100	QPSK	1	137	20.83	20.99	20.88	
100	QPSK	1	271	21.05	21.17	21.04	
100	QPSK	135	0	21.11	21.23	21.14	22.0
100	QPSK	135	69	21.09	21.20	21.04	22.0
100	QPSK	135	138	21.06	21.24	21.16	22.0
100	QPSK	270	0	21.11	21.24	21.11	22.0
100	16QAM	1	1	20.89	20.91	20.86	22.0
100	64QAM	1	1	20.85	20.96	20.85	22.0
100	256QAM	1	1	20.85	20.94	20.87	22.0
Channel				508200	518598	528996	22.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.80	21.00	20.89	22.0
Channel				507204	518598	529998	22.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.99	21.00	20.94	22.0
Channel				506202	518598	531000	22.0
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.91	20.98	20.88	22.0
Channel				505200	518598	531996	22.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.83	21.04	20.87	22.0
Channel				504204	518598	532998	22.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.80	20.97	20.93	22.0
Channel				503202	518598	534000	22.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.93	21.12	20.94	22.0
Channel				502200	518598	534996	22.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.97	21.02	20.81	22.0
Channel				501204	518598	535998	22.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.96	20.94	20.89	22.0
Channel				500700	518598	536496	22.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.96	21.08	20.86	22.0
Channel				500202	518598	537000	22.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.92	21.06	20.87	22.0



<FR1 n41 HPUE Ant 2 TX0 Index 10>

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	22.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.00	21.13	20.97	22.8
100	PI/2 BPSK	1	137	20.85	20.99	20.84	
100	PI/2 BPSK	1	271	20.90	21.08	20.95	
100	PI/2 BPSK	135	0	21.09	21.24	21.11	22.8
100	PI/2 BPSK	135	69	21.11	21.26	21.15	22.8
100	PI/2 BPSK	135	138	21.15	21.25	21.18	22.8
100	PI/2 BPSK	270	0	21.04	21.23	21.15	
100	QPSK	1	1	20.85	21.02	20.85	
100	QPSK	1	137	20.83	20.99	20.88	22.8
100	QPSK	1	271	21.05	21.17	21.04	
100	QPSK	135	0	21.11	21.23	21.14	
100	QPSK	135	69	21.09	21.20	21.04	22.8
100	QPSK	135	138	21.06	21.24	21.16	22.8
100	QPSK	270	0	21.11	21.24	21.11	22.8
100	16QAM	1	1	20.89	20.91	20.86	22.8
100	64QAM	1	1	20.85	20.96	20.85	22.8
100	256QAM	1	1	20.85	20.94	20.87	22.8
Channel				508200	518598	528996	22.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.80	21.00	20.89	22.8
Channel				507204	518598	529998	22.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.99	21.00	20.94	22.8
Channel				506202	518598	531000	22.8
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.91	20.98	20.88	22.8
Channel				505200	518598	531996	22.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.83	21.04	20.87	22.8
Channel				504204	518598	532998	22.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.80	20.97	20.93	22.8
Channel				503202	518598	534000	22.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.93	21.12	20.94	22.8
Channel				502200	518598	534996	22.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.97	21.02	20.81	22.8
Channel				501204	518598	535998	22.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.96	20.94	20.89	22.8
Channel				500700	518598	536496	22.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.96	21.08	20.86	22.8
Channel				500202	518598	537000	22.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.92	21.06	20.87	22.8



<FR1 n41 HPUE Ant 2 TX0 Index 11>

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	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.00	21.13	20.97	22.0
100	PI/2 BPSK	1	137	20.85	20.99	20.84	
100	PI/2 BPSK	1	271	20.90	21.08	20.95	
100	PI/2 BPSK	135	0	21.09	21.24	21.11	22.0
100	PI/2 BPSK	135	69	21.11	21.26	21.15	22.0
100	PI/2 BPSK	135	138	21.15	21.25	21.18	22.0
100	PI/2 BPSK	270	0	21.04	21.23	21.15	
100	QPSK	1	1	20.85	21.02	20.85	22.0
100	QPSK	1	137	20.83	20.99	20.88	
100	QPSK	1	271	21.05	21.17	21.04	
100	QPSK	135	0	21.11	21.23	21.14	22.0
100	QPSK	135	69	21.09	21.20	21.04	22.0
100	QPSK	135	138	21.06	21.24	21.16	22.0
100	QPSK	270	0	21.11	21.24	21.11	22.0
100	16QAM	1	1	20.89	20.91	20.86	22.0
100	64QAM	1	1	20.85	20.96	20.85	22.0
100	256QAM	1	1	20.85	20.94	20.87	22.0
Channel				508200	518598	528996	22.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.80	21.00	20.89	22.0
Channel				507204	518598	529998	22.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.99	21.00	20.94	22.0
Channel				506202	518598	531000	22.0
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.91	20.98	20.88	22.0
Channel				505200	518598	531996	22.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.83	21.04	20.87	22.0
Channel				504204	518598	532998	22.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.80	20.97	20.93	22.0
Channel				503202	518598	534000	22.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.93	21.12	20.94	22.0
Channel				502200	518598	534996	22.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.97	21.02	20.81	22.0
Channel				501204	518598	535998	22.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.96	20.94	20.89	22.0
Channel				500700	518598	536496	22.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.96	21.08	20.86	22.0
Channel				500202	518598	537000	22.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.92	21.06	20.87	22.0



<FR1 n41 HPUE Ant 0 TX1 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.21	26.13	26.21	27.4
100	PI/2 BPSK	1	137	25.90	25.92	25.99	
100	PI/2 BPSK	1	271	26.00	26.01	26.07	
100	PI/2 BPSK	135	0	25.72	25.69	25.77	26.9
100	PI/2 BPSK	135	69	26.11	26.11	26.07	27.4
100	PI/2 BPSK	135	138	25.59	25.68	25.69	26.9
100	PI/2 BPSK	270	0	25.60	25.68	25.74	
100	QPSK	1	1	26.12	26.05	26.04	27.4
100	QPSK	1	137	25.91	25.95	26.01	
100	QPSK	1	271	26.01	26.12	26.20	
100	QPSK	135	0	23.21	23.16	23.22	24.4
100	QPSK	135	69	26.11	26.14	26.20	27.4
100	QPSK	135	138	23.07	23.14	23.14	24.4
100	QPSK	270	0	23.10	23.15	23.20	24.4
100	16QAM	1	1	25.23	25.09	25.07	26.4
100	64QAM	1	1	23.60	23.47	23.45	24.9
100	256QAM	1	1	21.60	21.48	21.48	22.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.14	26.09	26.13	27.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.02	26.09	26.01	27.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.07	25.94	26.03	27.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.07	26.01	26.20	27.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.03	25.96	26.15	27.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.19	26.09	26.02	27.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.21	26.01	26.18	27.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.07	26.07	26.14	27.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.05	26.08	26.18	27.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.18	26.02	26.18	27.4



<FR1 n41 HPUE Ant 0 TX1 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.21	26.13	26.28	27.4
100	PI/2 BPSK	1	137	25.90	25.92	25.99	
100	PI/2 BPSK	1	271	26.00	26.01	26.07	
100	PI/2 BPSK	135	0	25.72	25.69	25.77	26.9
100	PI/2 BPSK	135	69	26.11	26.12	26.27	27.4
100	PI/2 BPSK	135	138	25.59	25.68	25.69	26.9
100	PI/2 BPSK	270	0	25.60	25.68	25.74	
100	QPSK	1	1	26.22	26.05	26.04	27.4
100	QPSK	1	137	25.91	25.95	26.01	
100	QPSK	1	271	26.01	26.12	26.20	
100	QPSK	135	0	23.21	23.16	23.22	24.4
100	QPSK	135	69	26.11	26.14	26.21	27.4
100	QPSK	135	138	23.07	23.14	23.14	24.4
100	QPSK	270	0	23.10	23.15	23.20	24.4
100	16QAM	1	1	25.23	25.09	25.07	26.4
100	64QAM	1	1	23.60	23.47	23.45	24.9
100	256QAM	1	1	21.60	21.48	21.48	22.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.14	26.09	26.13	27.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.02	26.09	26.01	27.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.07	25.94	26.03	27.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.07	26.01	26.20	27.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.03	25.96	26.15	27.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.19	26.09	26.02	27.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.21	26.01	26.18	27.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.07	26.07	26.14	27.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.05	26.08	26.18	27.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.18	26.02	26.18	27.4



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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	26.21	26.13	26.21	27.4
100	PI/2 BPSK	1	137	25.90	25.92	25.99	
100	PI/2 BPSK	1	271	26.00	26.01	26.07	
100	PI/2 BPSK	135	0	25.72	25.69	25.77	26.9
100	PI/2 BPSK	135	69	26.11	26.15	26.27	27.4
100	PI/2 BPSK	135	138	25.59	25.68	25.69	26.9
100	PI/2 BPSK	270	0	25.60	25.68	25.74	
100	QPSK	1	1	26.22	26.05	26.04	27.4
100	QPSK	1	137	25.91	25.95	26.01	
100	QPSK	1	271	26.01	26.12	26.20	
100	QPSK	135	0	23.21	23.16	23.22	24.4
100	QPSK	135	69	26.11	26.14	26.21	27.4
100	QPSK	135	138	23.07	23.14	23.14	24.4
100	QPSK	270	0	23.10	23.15	23.20	24.4
100	16QAM	1	1	25.23	25.09	25.07	26.4
100	64QAM	1	1	23.60	23.47	23.45	24.9
100	256QAM	1	1	21.60	21.48	21.48	22.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.14	26.09	26.13	27.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.02	26.09	26.01	27.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.07	25.94	26.03	27.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.07	26.01	26.20	27.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.03	25.96	26.15	27.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.19	26.09	26.02	27.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.21	26.01	26.18	27.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.07	26.07	26.14	27.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.05	26.08	26.18	27.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.18	26.02	26.18	27.4



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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	26.21	26.13	26.21	27.4
100	PI/2 BPSK	1	137	25.90	25.92	25.99	
100	PI/2 BPSK	1	271	26.00	26.01	26.07	
100	PI/2 BPSK	135	0	25.72	25.69	25.77	26.9
100	PI/2 BPSK	135	69	26.11	26.15	26.27	27.4
100	PI/2 BPSK	135	138	25.59	25.68	25.69	26.9
100	PI/2 BPSK	270	0	25.60	25.68	25.74	
100	QPSK	1	1	26.22	26.05	26.04	27.4
100	QPSK	1	137	25.91	25.95	26.01	
100	QPSK	1	271	26.01	26.12	26.20	
100	QPSK	135	0	23.21	23.16	23.22	24.4
100	QPSK	135	69	26.11	26.14	26.21	27.4
100	QPSK	135	138	23.07	23.14	23.14	24.4
100	QPSK	270	0	23.10	23.15	23.20	24.4
100	16QAM	1	1	25.23	25.09	25.07	26.4
100	64QAM	1	1	23.60	23.47	23.45	24.9
100	256QAM	1	1	21.60	21.48	21.48	22.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.14	26.09	26.13	27.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.02	26.09	26.01	27.4
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.07	25.94	26.03	27.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.07	26.01	26.20	27.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.03	25.96	26.15	27.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.19	26.09	26.02	27.4
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.21	26.01	26.18	27.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.07	26.07	26.14	27.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.05	26.08	26.18	27.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.18	26.02	26.18	27.4



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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	26.5
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.71	25.63	25.71	
100	PI/2 BPSK	1	137	25.40	25.42	25.49	26.5
100	PI/2 BPSK	1	271	25.50	25.51	25.57	
100	PI/2 BPSK	135	0	25.22	25.19	25.27	
100	PI/2 BPSK	135	69	25.61	25.65	25.77	26.5
100	PI/2 BPSK	135	138	25.09	25.18	25.19	
100	PI/2 BPSK	270	0	25.10	25.18	25.24	
100	QPSK	1	1	25.72	25.55	25.54	26.5
100	QPSK	1	137	25.41	25.45	25.51	
100	QPSK	1	271	25.51	25.62	25.70	
100	QPSK	135	0	23.21	23.16	23.22	24.4
100	QPSK	135	69	25.61	25.64	25.71	26.5
100	QPSK	135	138	23.07	23.14	23.14	24.4
100	QPSK	270	0	23.10	23.15	23.20	24.4
100	16QAM	1	1	24.73	24.59	24.57	26.4
100	64QAM	1	1	23.60	23.47	23.45	24.9
100	256QAM	1	1	21.60	21.48	21.48	22.9
Channel				508200	518598	528996	26.5
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.64	25.59	25.63	
Channel				507204	518598	529998	26.5
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.52	25.59	25.51	
Channel				506202	518598	531000	26.5
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.57	25.44	25.53	
Channel				505200	518598	531996	26.5
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.57	25.51	25.70	
Channel				504204	518598	532998	26.5
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.53	25.46	25.65	
Channel				503202	518598	534000	26.5
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.69	25.59	25.52	
Channel				502200	518598	534996	26.5
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.71	25.51	25.68	
Channel				501204	518598	535998	26.5
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.57	25.57	25.64	
Channel				500700	518598	536496	26.5
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.55	25.58	25.68	
Channel				500202	518598	537000	26.5
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.68	25.52	25.68	



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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	25.71	25.63	25.71	27.3
100	PI/2 BPSK	1	137	25.40	25.42	25.49	
100	PI/2 BPSK	1	271	25.50	25.51	25.57	
100	PI/2 BPSK	135	0	25.22	25.19	25.27	26.9
100	PI/2 BPSK	135	69	25.61	25.65	25.77	27.3
100	PI/2 BPSK	135	138	25.09	25.18	25.19	26.9
100	PI/2 BPSK	270	0	25.10	25.18	25.24	
100	QPSK	1	1	25.72	25.55	25.54	27.3
100	QPSK	1	137	25.41	25.45	25.51	
100	QPSK	1	271	25.51	25.62	25.70	
100	QPSK	135	0	23.21	23.16	23.22	24.4
100	QPSK	135	69	25.61	25.64	25.71	27.3
100	QPSK	135	138	23.07	23.14	23.14	24.4
100	QPSK	270	0	23.10	23.15	23.20	24.4
100	16QAM	1	1	24.73	24.59	24.57	26.4
100	64QAM	1	1	23.60	23.47	23.45	24.9
100	256QAM	1	1	21.60	21.48	21.48	22.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.64	25.59	25.63	27.3
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.52	25.59	25.51	27.3
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.57	25.44	25.53	27.3
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.57	25.51	25.70	27.3
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.53	25.46	25.65	27.3
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.69	25.59	25.52	27.3
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.71	25.51	25.68	27.3
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.57	25.57	25.64	27.3
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.55	25.58	25.68	27.3
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.68	25.52	25.68	27.3



<FR1 n41 HPUE Ant 1 Sub TX0 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	27.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.11	26.01	26.21	27.2
100	PI/2 BPSK	1	137	25.95	25.86	25.83	
100	PI/2 BPSK	1	271	25.85	25.79	25.61	
100	PI/2 BPSK	135	0	25.84	25.85	25.73	26.7
100	PI/2 BPSK	135	69	26.10	26.01	26.05	27.2
100	PI/2 BPSK	135	138	25.69	25.63	25.55	26.7
100	PI/2 BPSK	270	0	25.68	25.72	25.70	
100	QPSK	1	1	25.91	25.85	25.93	27.2
100	QPSK	1	137	26.08	26.03	26.03	
100	QPSK	1	271	25.79	25.74	25.70	
100	QPSK	135	0	23.34	23.36	23.38	24.2
100	QPSK	135	69	26.10	26.01	26.19	27.2
100	QPSK	135	138	23.20	23.17	23.06	24.2
100	QPSK	270	0	23.20	23.28	23.22	24.2
100	16QAM	1	1	24.98	24.89	25.00	26.2
100	64QAM	1	1	23.48	23.37	23.44	24.7
100	256QAM	1	1	21.55	21.89	21.53	22.7
Channel				508200	518598	528996	27.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.09	25.85	25.93	27.2
Channel				507204	518598	529998	27.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.93	25.90	25.88	27.2
Channel				506202	518598	531000	27.2
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.91	25.89	25.86	27.2
Channel				505200	518598	531996	27.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.98	25.88	25.73	27.2
Channel				504204	518598	532998	27.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.97	25.81	25.74	27.2
Channel				503202	518598	534000	27.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.07	25.88	25.85	27.2
Channel				502200	518598	534996	27.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.09	25.89	25.81	27.2
Channel				501204	518598	535998	27.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.09	25.91	25.76	27.2
Channel				500700	518598	536496	27.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.95	25.99	25.86	27.2
Channel				500202	518598	537000	27.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.96	25.86	25.74	27.2



<FR1 n41 HPUE Ant 1 Sub TX0 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				509202	518598	528000	27.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.23	26.01	25.93	27.2
100	PI/2 BPSK	1	137	25.95	25.86	25.83	
100	PI/2 BPSK	1	271	25.85	25.79	25.61	
100	PI/2 BPSK	135	0	25.84	25.85	25.73	26.7
100	PI/2 BPSK	135	69	26.22	26.00	26.01	27.2
100	PI/2 BPSK	135	138	25.69	25.63	25.55	26.7
100	PI/2 BPSK	270	0	25.68	25.72	25.70	
100	QPSK	1	1	25.91	25.85	25.93	27.2
100	QPSK	1	137	26.08	26.03	26.03	
100	QPSK	1	271	25.79	25.74	25.70	
100	QPSK	135	0	23.34	23.36	23.38	24.2
100	QPSK	135	69	26.22	26.20	26.19	27.2
100	QPSK	135	138	23.20	23.17	23.06	24.2
100	QPSK	270	0	23.20	23.28	23.22	24.2
100	16QAM	1	1	24.98	24.89	25.00	26.2
100	64QAM	1	1	23.48	23.37	23.44	24.7
100	256QAM	1	1	21.55	21.89	21.53	22.7
Channel				508200	518598	528996	27.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.09	25.85	25.93	27.2
Channel				507204	518598	529998	27.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.93	25.90	25.88	27.2
Channel				506202	518598	531000	27.2
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.91	25.89	25.86	27.2
Channel				505200	518598	531996	27.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.98	25.88	25.73	27.2
Channel				504204	518598	532998	27.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.97	25.81	25.74	27.2
Channel				503202	518598	534000	27.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.07	25.88	25.85	27.2
Channel				502200	518598	534996	27.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.09	25.89	25.81	27.2
Channel				501204	518598	535998	27.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.09	25.91	25.76	27.2
Channel				500700	518598	536496	27.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.95	25.99	25.86	27.2
Channel				500202	518598	537000	27.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.96	25.86	25.74	27.2



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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	26.11	26.01	25.93	27.2
100	PI/2 BPSK	1	137	25.95	25.86	25.83	
100	PI/2 BPSK	1	271	25.85	25.79	25.61	
100	PI/2 BPSK	135	0	25.84	25.85	25.73	26.7
100	PI/2 BPSK	135	69	26.22	26.21	26.23	27.2
100	PI/2 BPSK	135	138	25.69	25.63	25.55	26.7
100	PI/2 BPSK	270	0	25.68	25.72	25.70	
100	QPSK	1	1	25.91	25.85	25.93	27.2
100	QPSK	1	137	26.08	26.03	26.03	
100	QPSK	1	271	25.79	25.74	25.70	
100	QPSK	135	0	23.34	23.36	23.38	24.2
100	QPSK	135	69	26.22	26.20	26.19	27.2
100	QPSK	135	138	23.20	23.17	23.06	24.2
100	QPSK	270	0	23.20	23.28	23.22	24.2
100	16QAM	1	1	24.98	24.89	25.00	26.2
100	64QAM	1	1	23.48	23.37	23.44	24.7
100	256QAM	1	1	21.55	21.89	21.53	22.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.09	25.85	25.93	27.2
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.93	25.90	25.88	27.2
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.91	25.89	25.86	27.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.98	25.88	25.73	27.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.97	25.81	25.74	27.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.07	25.88	25.85	27.2
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.09	25.89	25.81	27.2
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.09	25.91	25.76	27.2
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.95	25.99	25.86	27.2
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.96	25.86	25.74	27.2



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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	20.7
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.13	19.24	19.00	
100	PI/2 BPSK	1	137	18.98	19.14	18.98	20.7
100	PI/2 BPSK	1	271	18.88	19.04	18.87	
100	PI/2 BPSK	135	0	19.33	19.43	19.19	20.7
100	PI/2 BPSK	135	69	19.36	19.45	19.30	20.7
100	PI/2 BPSK	135	138	19.15	19.28	19.10	20.7
100	PI/2 BPSK	270	0	19.28	19.44	19.23	
100	QPSK	1	1	18.96	19.15	18.91	20.7
100	QPSK	1	137	19.06	19.22	18.97	
100	QPSK	1	271	18.88	19.00	18.82	
100	QPSK	135	0	19.26	19.44	19.26	20.7
100	QPSK	135	69	19.33	19.42	19.26	20.7
100	QPSK	135	138	19.13	19.28	19.06	20.7
100	QPSK	270	0	19.27	19.38	19.14	20.7
100	16QAM	1	1	19.03	19.15	18.95	20.7
100	64QAM	1	1	18.88	19.03	18.78	20.7
100	256QAM	1	1	19.29	19.43	19.20	20.7
Channel				508200	518598	528996	20.7
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.06	19.24	18.85	20.7
Channel				507204	518598	529998	20.7
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.11	19.15	18.89	20.7
Channel				506202	518598	531000	20.7
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.03	19.23	18.88	20.7
Channel				505200	518598	531996	20.7
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.12	19.12	18.89	20.7
Channel				504204	518598	532998	20.7
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.03	19.05	18.84	20.7
Channel				503202	518598	534000	20.7
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.10	19.16	18.93	20.7
Channel				502200	518598	534996	20.7
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.96	19.19	18.83	20.7
Channel				501204	518598	535998	20.7
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.13	19.14	18.89	20.7
Channel				500700	518598	536496	20.7
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.11	19.07	18.92	20.7
Channel				500202	518598	537000	20.7
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.98	19.18	18.94	20.7



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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	19.13	19.24	19.00	19.9
100	PI/2 BPSK	1	137	18.98	19.14	18.98	
100	PI/2 BPSK	1	271	18.88	19.04	18.87	
100	PI/2 BPSK	135	0	19.33	19.43	19.19	19.9
100	PI/2 BPSK	135	69	19.36	19.45	19.30	19.9
100	PI/2 BPSK	135	138	19.15	19.28	19.10	19.9
100	PI/2 BPSK	270	0	19.28	19.44	19.23	
100	QPSK	1	1	18.96	19.15	18.91	19.9
100	QPSK	1	137	19.06	19.22	18.97	
100	QPSK	1	271	18.88	19.00	18.82	
100	QPSK	135	0	19.26	19.44	19.26	19.9
100	QPSK	135	69	19.33	19.42	19.26	19.9
100	QPSK	135	138	19.13	19.28	19.06	19.9
100	QPSK	270	0	19.27	19.38	19.14	19.9
100	16QAM	1	1	19.03	19.15	18.95	19.9
100	64QAM	1	1	18.88	19.03	18.78	19.9
100	256QAM	1	1	19.29	19.43	19.20	19.9
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.06	19.24	18.85	19.9
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.11	19.15	18.89	19.9
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.03	19.23	18.88	19.9
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.12	19.12	18.89	19.9
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.03	19.05	18.84	19.9
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.10	19.16	18.93	19.9
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.96	19.19	18.83	19.9
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.13	19.14	18.89	19.9
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.11	19.07	18.92	19.9
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.98	19.18	18.94	19.9



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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				509202	518598	528000	25.1
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.01	24.85	24.93	25.1
100	PI/2 BPSK	1	137	24.94	24.69	24.79	
100	PI/2 BPSK	1	271	24.78	24.65	24.50	
100	PI/2 BPSK	135	0	24.71	24.85	24.65	25.1
100	PI/2 BPSK	135	69	25.06	25.04	25.09	25.1
100	PI/2 BPSK	135	138	24.50	24.52	24.46	25.1
100	PI/2 BPSK	270	0	24.62	24.71	24.60	
100	QPSK	1	1	24.84	24.69	24.84	25.1
100	QPSK	1	137	25.08	24.92	25.01	
100	QPSK	1	271	24.75	24.68	24.58	
100	QPSK	135	0	23.34	23.36	23.38	24.2
100	QPSK	135	69	25.06	25.04	25.08	25.1
100	QPSK	135	138	23.20	23.17	23.06	24.2
100	QPSK	270	0	23.20	23.28	23.22	24.2
100	16QAM	1	1	24.98	24.89	25.00	25.1
100	64QAM	1	1	23.48	23.37	23.44	24.7
100	256QAM	1	1	21.55	21.89	21.53	22.7
Channel				508200	518598	528996	25.1
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.08	24.68	24.84	25.1
Channel				507204	518598	529998	25.1
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.84	24.84	24.78	25.1
Channel				506202	518598	531000	25.1
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.78	24.87	24.84	25.1
Channel				505200	518598	531996	25.1
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.98	24.88	24.70	25.1
Channel				504204	518598	532998	25.1
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.87	24.75	24.73	25.1
Channel				503202	518598	534000	25.1
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.07	24.88	24.66	25.1
Channel				502200	518598	534996	25.1
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.89	24.88	24.66	25.1
Channel				501204	518598	535998	25.1
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.00	24.91	24.56	25.1
Channel				500700	518598	536496	25.1
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.91	24.81	24.81	25.1
Channel				500202	518598	537000	25.1
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.82	24.67	24.67	25.1



<FR1 n41 HPUE Ant 1 Sub TX0 Index 10>

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	25.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.01	24.85	24.93	25.9
100	PI/2 BPSK	1	137	24.94	24.69	24.79	
100	PI/2 BPSK	1	271	24.78	24.65	24.50	
100	PI/2 BPSK	135	0	24.71	24.85	24.65	25.9
100	PI/2 BPSK	135	69	25.06	25.04	25.09	25.9
100	PI/2 BPSK	135	138	24.50	24.52	24.46	25.9
100	PI/2 BPSK	270	0	24.62	24.71	24.60	
100	QPSK	1	1	24.84	24.69	24.84	25.9
100	QPSK	1	137	25.08	24.92	25.01	
100	QPSK	1	271	24.75	24.68	24.58	
100	QPSK	135	0	23.34	23.36	23.38	24.2
100	QPSK	135	69	25.06	25.04	25.08	25.9
100	QPSK	135	138	23.20	23.17	23.06	24.2
100	QPSK	270	0	23.20	23.28	23.22	24.2
100	16QAM	1	1	24.98	24.89	25.00	25.9
100	64QAM	1	1	23.48	23.37	23.44	24.7
100	256QAM	1	1	21.55	21.89	21.53	22.7
Channel				508200	518598	528996	25.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.08	24.68	24.84	25.9
Channel				507204	518598	529998	25.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.84	24.84	24.78	25.9
Channel				506202	518598	531000	25.9
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.78	24.87	24.84	25.9
Channel				505200	518598	531996	25.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.98	24.88	24.70	25.9
Channel				504204	518598	532998	25.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.87	24.75	24.73	25.9
Channel				503202	518598	534000	25.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.07	24.88	24.66	25.9
Channel				502200	518598	534996	25.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.89	24.88	24.66	25.9
Channel				501204	518598	535998	25.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.00	24.91	24.56	25.9
Channel				500700	518598	536496	25.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.91	24.81	24.81	25.9
Channel				500202	518598	537000	25.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.82	24.67	24.67	25.9



<FR1 n41 HPUE Ant 1 Sub TX0 Index 11>

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	25.1
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.01	24.85	24.93	25.1
100	PI/2 BPSK	1	137	24.94	24.69	24.79	
100	PI/2 BPSK	1	271	24.78	24.65	24.50	
100	PI/2 BPSK	135	0	24.71	24.85	24.65	25.1
100	PI/2 BPSK	135	69	25.06	25.04	25.09	25.1
100	PI/2 BPSK	135	138	24.50	24.52	24.46	25.1
100	PI/2 BPSK	270	0	24.62	24.71	24.60	
100	QPSK	1	1	24.84	24.69	24.84	25.1
100	QPSK	1	137	25.08	24.92	25.01	
100	QPSK	1	271	24.75	24.68	24.58	
100	QPSK	135	0	23.34	23.36	23.38	24.2
100	QPSK	135	69	25.06	25.04	25.08	25.1
100	QPSK	135	138	23.20	23.17	23.06	24.2
100	QPSK	270	0	23.20	23.28	23.22	24.2
100	16QAM	1	1	24.98	24.89	25.00	25.1
100	64QAM	1	1	23.48	23.37	23.44	24.7
100	256QAM	1	1	21.55	21.89	21.53	22.7
Channel				508200	518598	528996	25.1
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.08	24.68	24.84	25.1
Channel				507204	518598	529998	25.1
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.84	24.84	24.78	25.1
Channel				506202	518598	531000	25.1
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.78	24.87	24.84	25.1
Channel				505200	518598	531996	25.1
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.98	24.88	24.70	25.1
Channel				504204	518598	532998	25.1
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.87	24.75	24.73	25.1
Channel				503202	518598	534000	25.1
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.07	24.88	24.66	25.1
Channel				502200	518598	534996	25.1
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.89	24.88	24.66	25.1
Channel				501204	518598	535998	25.1
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.00	24.91	24.56	25.1
Channel				500700	518598	536496	25.1
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.91	24.81	24.81	25.1
Channel				500202	518598	537000	25.1
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.82	24.67	24.67	25.1



<FR1 n41 HPUE Ant 5 Sub TX1 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	27.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.45	25.53	25.51	27.2
100	PI/2 BPSK	1	137	25.73	25.70	25.95	
100	PI/2 BPSK	1	271	25.43	25.59	25.58	
100	PI/2 BPSK	135	0	25.37	25.46	25.42	26.7
100	PI/2 BPSK	135	69	25.90	25.88	25.77	27.2
100	PI/2 BPSK	135	138	25.40	25.31	25.46	26.7
100	PI/2 BPSK	270	0	25.38	25.40	25.43	
100	QPSK	1	1	25.41	25.53	25.49	27.2
100	QPSK	1	137	25.74	25.69	25.88	
100	QPSK	1	271	25.43	25.57	25.59	
100	QPSK	135	0	22.90	23.01	22.97	24.2
100	QPSK	135	69	25.93	25.83	25.89	27.2
100	QPSK	135	138	22.89	22.87	23.02	24.2
100	QPSK	270	0	22.93	22.92	23.03	24.2
100	16QAM	1	1	24.48	24.57	24.56	26.2
100	64QAM	1	1	22.98	23.06	23.03	24.7
100	256QAM	1	1	21.06	21.83	21.14	22.7
Channel				508200	518598	528996	27.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.37	25.45	25.42	27.2
Channel				507204	518598	529998	27.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.42	25.52	25.48	27.2
Channel				506202	518598	531000	27.2
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.25	25.33	25.44	27.2
Channel				505200	518598	531996	27.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.29	25.49	25.50	27.2
Channel				504204	518598	532998	27.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.29	25.44	25.51	27.2
Channel				503202	518598	534000	27.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.31	25.47	25.45	27.2
Channel				502200	518598	534996	27.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.44	25.51	25.37	27.2
Channel				501204	518598	535998	27.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.38	25.43	25.35	27.2
Channel				500700	518598	536496	27.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.41	25.47	25.45	27.2
Channel				500202	518598	537000	27.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.43	25.45	25.43	27.2



<FR1 n41 HPUE Ant 5 Sub TX1 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				509202	518598	528000	25.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.69	24.66	24.64	25.0
100	PI/2 BPSK	1	137	24.71	24.68	24.73	
100	PI/2 BPSK	1	271	24.66	24.60	24.61	
100	PI/2 BPSK	135	0	24.65	24.70	24.66	25.0
100	PI/2 BPSK	135	69	24.68	24.64	24.70	25.0
100	PI/2 BPSK	135	138	24.63	24.65	24.68	25.0
100	PI/2 BPSK	270	0	24.62	24.66	24.64	
100	QPSK	1	1	24.67	24.63	24.63	25.0
100	QPSK	1	137	24.65	24.66	24.68	
100	QPSK	1	271	24.68	24.61	24.62	
100	QPSK	135	0	22.83	22.89	22.65	24.2
100	QPSK	135	69	24.62	24.65	24.62	25.0
100	QPSK	135	138	22.58	22.69	22.48	24.2
100	QPSK	270	0	22.61	22.77	22.55	24.2
100	16QAM	1	1	24.62	24.62	24.68	25.0
100	64QAM	1	1	22.97	23.04	22.83	24.7
100	256QAM	1	1	21.85	21.91	21.75	22.7
Channel				508200	518598	528996	25.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.69	24.66	24.60	25.0
Channel				507204	518598	529998	25.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.64	24.69	24.62	25.0
Channel				506202	518598	531000	25.0
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.64	24.63	24.66	25.0
Channel				505200	518598	531996	25.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.62	24.68	24.69	25.0
Channel				504204	518598	532998	25.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.66	24.73	24.66	25.0
Channel				503202	518598	534000	25.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.69	24.71	24.64	25.0
Channel				502200	518598	534996	25.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.62	24.65	24.60	25.0
Channel				501204	518598	535998	25.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.72	24.68	24.62	25.0
Channel				500700	518598	536496	25.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.63	24.65	24.65	25.0
Channel				500202	518598	537000	25.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.63	24.72	24.66	25.0



<FR1 n41 HPUE Ant 5 Sub TX1 Index 5>

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	25.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.69	24.66	24.64	25.8
100	PI/2 BPSK	1	137	24.71	24.68	24.73	
100	PI/2 BPSK	1	271	24.66	24.60	24.61	
100	PI/2 BPSK	135	0	24.65	24.70	24.66	25.8
100	PI/2 BPSK	135	69	24.68	24.74	24.70	25.8
100	PI/2 BPSK	135	138	24.63	24.65	24.68	25.8
100	PI/2 BPSK	270	0	24.62	24.66	24.64	
100	QPSK	1	1	24.67	24.63	24.63	
100	QPSK	1	137	24.65	24.66	24.68	25.8
100	QPSK	1	271	24.68	24.61	24.62	
100	QPSK	135	0	22.83	22.89	22.65	
100	QPSK	135	69	24.62	24.65	24.62	25.8
100	QPSK	135	138	22.58	22.69	22.48	24.2
100	QPSK	270	0	22.61	22.77	22.55	24.2
100	16QAM	1	1	24.62	24.62	24.68	25.8
100	64QAM	1	1	22.97	23.04	22.83	24.7
100	256QAM	1	1	21.85	21.91	21.75	22.7
Channel				508200	518598	528996	25.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.69	24.66	24.60	25.8
Channel				507204	518598	529998	25.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.64	24.69	24.62	25.8
Channel				506202	518598	531000	25.8
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.64	24.63	24.66	25.8
Channel				505200	518598	531996	25.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.62	24.68	24.69	25.8
Channel				504204	518598	532998	25.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.66	24.73	24.66	25.8
Channel				503202	518598	534000	25.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.69	24.71	24.64	25.8
Channel				502200	518598	534996	25.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.62	24.65	24.60	25.8
Channel				501204	518598	535998	25.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.72	24.68	24.62	25.8
Channel				500700	518598	536496	25.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.63	24.65	24.65	25.8
Channel				500202	518598	537000	25.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.63	24.72	24.66	25.8



<FR1 n41 HPUE Ant 5 Sub TX1 Index 6>

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	25.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.69	24.66	24.64	25.0
100	PI/2 BPSK	1	137	24.71	24.68	24.73	
100	PI/2 BPSK	1	271	24.66	24.60	24.61	
100	PI/2 BPSK	135	0	24.65	24.70	24.66	25.0
100	PI/2 BPSK	135	69	24.68	24.74	24.70	25.0
100	PI/2 BPSK	135	138	24.63	24.65	24.68	25.0
100	PI/2 BPSK	270	0	24.62	24.66	24.64	
100	QPSK	1	1	24.67	24.63	24.63	
100	QPSK	1	137	24.65	24.66	24.68	25.0
100	QPSK	1	271	24.68	24.61	24.62	
100	QPSK	135	0	22.83	22.89	22.65	
100	QPSK	135	69	24.62	24.65	24.62	25.0
100	QPSK	135	138	22.58	22.69	22.48	24.2
100	QPSK	270	0	22.61	22.77	22.55	24.2
100	16QAM	1	1	24.62	24.62	24.68	25.0
100	64QAM	1	1	22.97	23.04	22.83	24.7
100	256QAM	1	1	21.85	21.91	21.75	22.7
Channel				508200	518598	528996	25.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.69	24.66	24.60	25.0
Channel				507204	518598	529998	25.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.64	24.69	24.62	25.0
Channel				506202	518598	531000	25.0
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.64	24.63	24.66	25.0
Channel				505200	518598	531996	25.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.62	24.68	24.69	25.0
Channel				504204	518598	532998	25.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.66	24.73	24.66	25.0
Channel				503202	518598	534000	25.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.69	24.71	24.64	25.0
Channel				502200	518598	534996	25.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.62	24.65	24.60	25.0
Channel				501204	518598	535998	25.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.72	24.68	24.62	25.0
Channel				500700	518598	536496	25.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.63	24.65	24.65	25.0
Channel				500202	518598	537000	25.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.63	24.72	24.66	25.0



<FR1 n41 HPUE Ant 5 Sub TX1 Index 7/8>

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	27.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.45	25.53	25.51	27.2
100	PI/2 BPSK	1	137	25.73	25.70	25.85	
100	PI/2 BPSK	1	271	25.43	25.59	25.58	
100	PI/2 BPSK	135	0	25.37	25.46	25.42	26.7
100	PI/2 BPSK	135	69	25.90	25.88	26.01	27.2
100	PI/2 BPSK	135	138	25.40	25.31	25.46	26.7
100	PI/2 BPSK	270	0	25.38	25.40	25.43	
100	QPSK	1	1	25.41	25.53	25.49	27.2
100	QPSK	1	137	25.74	25.69	25.88	
100	QPSK	1	271	25.43	25.57	25.59	
100	QPSK	135	0	22.90	23.01	22.97	24.2
100	QPSK	135	69	25.93	25.83	25.99	27.2
100	QPSK	135	138	22.89	22.87	23.02	24.2
100	QPSK	270	0	22.93	22.92	23.03	24.2
100	16QAM	1	1	24.48	24.57	24.56	26.2
100	64QAM	1	1	22.98	23.06	23.03	24.7
100	256QAM	1	1	21.06	21.83	21.14	22.7
Channel				508200	518598	528996	27.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.37	25.45	25.42	27.2
Channel				507204	518598	529998	27.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.42	25.52	25.48	27.2
Channel				506202	518598	531000	27.2
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.25	25.33	25.44	27.2
Channel				505200	518598	531996	27.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.29	25.49	25.50	27.2
Channel				504204	518598	532998	27.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.29	25.44	25.51	27.2
Channel				503202	518598	534000	27.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.31	25.47	25.45	27.2
Channel				502200	518598	534996	27.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.44	25.51	25.37	27.2
Channel				501204	518598	535998	27.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.38	25.43	25.35	27.2
Channel				500700	518598	536496	27.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.41	25.47	25.45	27.2
Channel				500202	518598	537000	27.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.43	25.45	25.43	27.2



<FR1 n41 HPUE Ant 5 Sub TX1 Index 9>

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	23.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.44	23.53	23.53	
100	PI/2 BPSK	1	137	23.61	23.60	23.63	23.8
100	PI/2 BPSK	1	271	23.41	23.48	23.51	
100	PI/2 BPSK	135	0	23.67	23.75	23.75	23.8
100	PI/2 BPSK	135	69	23.70	23.76	23.70	23.8
100	PI/2 BPSK	135	138	23.60	23.65	23.68	23.8
100	PI/2 BPSK	270	0	23.74	23.75	23.69	
100	QPSK	1	1	23.36	23.44	23.37	23.8
100	QPSK	1	137	23.49	23.54	23.55	
100	QPSK	1	271	23.38	23.43	23.40	
100	QPSK	135	0	23.02	23.05	23.01	23.8
100	QPSK	135	69	23.76	23.75	23.72	23.8
100	QPSK	135	138	23.05	23.18	23.18	23.8
100	QPSK	270	0	23.09	23.18	23.00	23.8
100	16QAM	1	1	23.16	23.24	23.18	23.8
100	64QAM	1	1	23.16	23.22	23.19	23.8
100	256QAM	1	1	21.89	21.92	21.85	22.7
Channel				508200	518598	528996	23.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.38	23.40	23.38	
Channel				507204	518598	529998	23.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.35	23.50	23.37	
Channel				506202	518598	531000	23.8
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.31	23.49	23.38	
Channel				505200	518598	531996	23.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.42	23.41	23.47	
Channel				504204	518598	532998	23.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.43	23.33	23.33	
Channel				503202	518598	534000	23.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.33	23.44	23.47	
Channel				502200	518598	534996	23.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.31	23.50	23.44	
Channel				501204	518598	535998	23.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.27	23.33	23.48	
Channel				500700	518598	536496	23.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.26	23.45	23.35	
Channel				500202	518598	537000	23.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.24	23.34	23.47	



<FR1 n41 HPUE Ant 5 Sub TX1 Index 10>

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	24.6
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.44	23.53	23.53	
100	PI/2 BPSK	1	137	23.61	23.60	23.63	24.6
100	PI/2 BPSK	1	271	23.41	23.48	23.51	
100	PI/2 BPSK	135	0	23.67	23.75	23.75	24.6
100	PI/2 BPSK	135	69	23.70	23.76	23.70	24.6
100	PI/2 BPSK	135	138	23.60	23.65	23.68	24.6
100	PI/2 BPSK	270	0	23.74	23.75	23.69	
100	QPSK	1	1	23.36	23.44	23.37	24.6
100	QPSK	1	137	23.49	23.54	23.55	
100	QPSK	1	271	23.38	23.43	23.40	
100	QPSK	135	0	23.02	23.05	23.01	24.2
100	QPSK	135	69	23.76	23.75	23.72	24.6
100	QPSK	135	138	23.05	23.18	23.18	24.2
100	QPSK	270	0	23.09	23.18	23.00	24.2
100	16QAM	1	1	23.16	23.24	23.18	24.6
100	64QAM	1	1	23.16	23.22	23.19	24.6
100	256QAM	1	1	21.89	21.92	21.85	22.7
Channel				508200	518598	528996	24.6
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.38	23.40	23.38	
Channel				507204	518598	529998	24.6
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.35	23.50	23.37	
Channel				506202	518598	531000	24.6
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.31	23.49	23.38	
Channel				505200	518598	531996	24.6
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.42	23.41	23.47	
Channel				504204	518598	532998	24.6
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.43	23.33	23.33	
Channel				503202	518598	534000	24.6
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.33	23.44	23.47	
Channel				502200	518598	534996	24.6
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.31	23.50	23.44	
Channel				501204	518598	535998	24.6
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.27	23.33	23.48	
Channel				500700	518598	536496	24.6
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.26	23.45	23.35	
Channel				500202	518598	537000	24.6
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.24	23.34	23.47	



<FR1 n41 HPUE Ant 5 Sub TX1 Index 11>

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	23.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.44	23.53	23.53	
100	PI/2 BPSK	1	137	23.61	23.60	23.63	23.8
100	PI/2 BPSK	1	271	23.41	23.48	23.51	
100	PI/2 BPSK	135	0	23.67	23.75	23.75	23.8
100	PI/2 BPSK	135	69	23.70	23.76	23.70	23.8
100	PI/2 BPSK	135	138	23.60	23.65	23.68	23.8
100	PI/2 BPSK	270	0	23.74	23.75	23.69	
100	QPSK	1	1	23.36	23.44	23.37	23.8
100	QPSK	1	137	23.49	23.54	23.55	
100	QPSK	1	271	23.38	23.43	23.40	
100	QPSK	135	0	23.02	23.05	23.01	23.8
100	QPSK	135	69	23.76	23.75	23.72	23.8
100	QPSK	135	138	23.05	23.18	23.18	23.8
100	QPSK	270	0	23.09	23.18	23.00	23.8
100	16QAM	1	1	23.16	23.24	23.18	23.8
100	64QAM	1	1	23.16	23.22	23.19	23.8
100	256QAM	1	1	21.89	21.92	21.85	22.7
Channel				508200	518598	528996	23.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.38	23.40	23.38	
Channel				507204	518598	529998	23.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.35	23.50	23.37	
Channel				506202	518598	531000	23.8
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.31	23.49	23.38	
Channel				505200	518598	531996	23.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.42	23.41	23.47	
Channel				504204	518598	532998	23.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.43	23.33	23.33	
Channel				503202	518598	534000	23.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.33	23.44	23.47	
Channel				502200	518598	534996	23.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.31	23.50	23.44	
Channel				501204	518598	535998	23.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.27	23.33	23.48	
Channel				500700	518598	536496	23.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.26	23.45	23.35	
Channel				500202	518598	537000	23.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.24	23.34	23.47	



FCC SAR TEST REPORT

Report No. :FA262403-04D

<FR1 n48 Ant 6 TX0 Index 1/2/3/4/5/6/7/8>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)		
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	24.95	24.63	24.24	25.70	25.70	25.70
10	PI/2 BPSK	1	22	24.74	24.06	24.12	25.70	25.70	25.70
10	PI/2 BPSK	12	6	24.89	24.31	24.25	25.70	25.70	25.70
10	PI/2 BPSK	1	0	24.60	24.17	23.75	25.00	25.00	25.00
10	PI/2 BPSK	1	23	24.19	23.56	23.50	25.00	25.00	25.00
10	PI/2 BPSK	24	0	24.40	23.81	23.76	25.00	25.00	25.00
10	QPSK	1	1	24.92	24.56	24.30	25.70	25.70	25.70
10	QPSK	1	22	24.79	24.00	24.20	25.70	25.70	25.70
10	QPSK	12	6	24.90	24.31	24.25	25.70	25.70	25.70
10	QPSK	1	0	24.10	23.65	23.32	25.00	25.00	25.00
10	QPSK	1	23	23.71	23.04	23.22	25.00	25.00	25.00
10	QPSK	24	0	23.88	23.32	23.27	25.00	25.00	25.00
10	16QAM	1	1	24.03	23.35	23.37	25.00	25.00	25.00
10	64QAM	1	1	22.67	22.38	21.95	23.00	23.00	23.00
10	256QAM	1	1	20.59	19.93	19.58	21.00	21.00	21.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	21.18	24.72	24.27	22.00	25.70	25.70
15	PI/2 BPSK	1	36	24.40	23.88	20.09	25.70	25.70	21.00
15	PI/2 BPSK	18	9	24.85	24.31	24.17	25.70	25.70	25.70
15	PI/2 BPSK	1	0	21.24	24.31	23.79	22.00	25.00	25.00
15	PI/2 BPSK	1	37	24.04	23.36	20.12	25.00	25.00	21.00
15	PI/2 BPSK	36	0	20.84	23.87	20.21	21.00	25.00	21.00
15	QPSK	1	1	21.21	24.78	24.24	22.00	25.70	25.70
15	QPSK	1	36	24.43	23.90	20.13	25.70	25.70	21.00
15	QPSK	18	9	24.85	24.31	24.18	25.70	25.70	25.70
15	QPSK	1	0	21.26	23.91	23.33	22.00	24.00	24.00
15	QPSK	1	37	23.34	22.93	20.17	24.00	24.00	21.00
15	QPSK	36	0	20.85	23.35	20.23	21.00	24.00	21.00
15	16QAM	1	1	20.18	23.82	23.33	21.00	24.00	24.00
15	64QAM	1	1	20.20	22.34	21.70	21.00	23.00	23.00
15	256QAM	1	1	20.49	20.24	19.58	21.00	21.00	21.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	21.19	24.96	24.50	22.00	25.70	25.70
20	PI/2 BPSK	1	49	24.22	23.82	20.07	25.70	25.70	21.00
20	PI/2 BPSK	25	12	24.83	24.40	24.26	25.70	25.70	25.70
20	PI/2 BPSK	1	0	21.20	24.48	24.04	22.00	25.00	25.00
20	PI/2 BPSK	1	50	23.75	23.28	20.06	25.00	25.00	21.00
20	PI/2 BPSK	50	0	20.81	23.88	20.26	21.00	25.00	21.00
20	QPSK	1	1	21.32	24.95	24.52	22.00	25.70	25.70
20	QPSK	1	49	24.31	23.85	20.07	25.70	25.70	21.00
20	QPSK	25	12	24.82	24.38	24.26	25.70	25.70	25.70
20	QPSK	1	0	21.22	24.11	23.52	22.00	25.00	24.00
20	QPSK	1	50	23.23	22.89	20.02	24.00	24.00	21.00
20	QPSK	50	0	20.75	23.38	20.30	21.00	24.00	21.00
20	16QAM	1	1	20.24	23.94	23.62	21.00	24.00	24.00
20	64QAM	1	1	20.25	22.42	22.04	21.00	23.00	23.00
20	256QAM	1	1	20.44	20.38	20.09	21.00	21.00	21.00
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30kHz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	14.34	20.59	14.05	15.00	21.00	15.00
40	PI/2 BPSK	1	104	13.92	20.32	13.91	15.00	21.00	15.00
40	PI/2 BPSK	50	25	14.09	20.14	14.21	15.00	21.00	15.00
40	PI/2 BPSK	1	0	14.33	20.61	14.08	15.00	21.00	15.00



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40	PI/2 BPSK	1	105	13.94	20.39	13.91	15.00	21.00	15.00
40	PI/2 BPSK	100	0	14.08	20.15	14.16	15.00	21.00	15.00
40	QPSK	1	1	14.26	20.67	14.02	15.00	21.00	15.00
40	QPSK	1	104	13.89	20.40	13.95	15.00	21.00	15.00
40	QPSK	50	25	14.06	24.68	14.15	15.00	25.70	15.00
40	QPSK	1	0	14.38	20.65	14.02	15.00	21.00	15.00
40	QPSK	1	105	13.95	20.25	13.91	15.00	21.00	15.00
40	QPSK	100	0	14.01	20.11	14.15	15.00	21.00	15.00
40	16QAM	1	1	14.25	20.61	13.55	15.00	21.00	15.00
40	64QAM	1	1	14.27	20.78	13.45	15.00	21.00	15.00
40	256QAM	1	1	14.11	19.99	13.42	15.00	21.00	15.00



<FR1 n48 Ant 6 TX0 Index 9/11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)		
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	20.04	19.71	19.32	20.20	20.20	20.20
10	PI/2 BPSK	1	22	19.80	19.11	19.14	20.20	20.20	20.20
10	PI/2 BPSK	12	6	19.99	19.33	19.29	20.20	20.20	20.20
10	PI/2 BPSK	1	0	19.67	19.22	19.01	20.20	20.20	20.20
10	PI/2 BPSK	1	23	19.19	19.10	19.09	20.20	20.20	20.20
10	PI/2 BPSK	24	0	19.44	19.01	19.21	20.20	20.20	20.20
10	QPSK	1	1	19.99	19.61	19.39	20.20	20.20	20.20
10	QPSK	1	22	19.84	19.07	19.28	20.20	20.20	20.20
10	QPSK	12	6	19.94	19.37	19.32	20.20	20.20	20.20
10	QPSK	1	0	19.11	19.25	19.20	20.20	20.20	20.20
10	QPSK	1	23	19.17	19.16	19.15	20.20	20.20	20.20
10	QPSK	24	0	19.21	19.13	19.17	20.20	20.20	20.20
10	16QAM	1	1	19.19	19.16	19.26	20.20	20.20	20.20
10	64QAM	1	1	19.59	19.33	19.38	20.20	20.20	20.20
10	256QAM	1	1	19.49	19.43	19.03	20.20	20.20	20.20
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	20.04	19.69	19.25	20.20	20.20	20.20
15	PI/2 BPSK	1	36	19.73	19.01	19.07	20.20	20.20	20.20
15	PI/2 BPSK	18	9	19.91	19.28	19.26	20.20	20.20	20.20
15	PI/2 BPSK	1	0	19.66	19.18	19.01	20.20	20.20	20.20
15	PI/2 BPSK	1	37	19.14	19.01	19.08	20.20	20.20	20.20
15	PI/2 BPSK	36	0	19.34	19.09	19.15	20.20	20.20	20.20
15	QPSK	1	1	19.89	19.57	19.37	20.20	20.20	20.20
15	QPSK	1	36	19.75	19.03	19.20	20.20	20.20	20.20
15	QPSK	18	9	19.85	19.27	19.26	20.20	20.20	20.20
15	QPSK	1	0	19.04	19.17	19.20	20.20	20.20	20.20
15	QPSK	1	37	19.09	19.15	19.07	20.20	20.20	20.20
15	QPSK	36	0	19.11	19.13	19.16	20.20	20.20	20.20
15	16QAM	1	1	19.19	19.08	19.26	20.20	20.20	20.20
15	64QAM	1	1	19.55	19.29	19.31	20.20	20.20	20.20
15	256QAM	1	1	19.41	19.40	19.08	20.20	20.20	20.20
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	20.03	19.64	19.25	20.20	20.20	20.20
20	PI/2 BPSK	1	49	19.73	19.06	19.04	20.20	20.20	20.20
20	PI/2 BPSK	25	12	19.89	19.32	19.22	20.20	20.20	20.20
20	PI/2 BPSK	1	0	19.65	19.20	19.03	20.20	20.20	20.20
20	PI/2 BPSK	1	50	19.13	19.03	19.05	20.20	20.20	20.20
20	PI/2 BPSK	50	0	19.38	19.01	19.11	20.20	20.20	20.20
20	QPSK	1	1	19.89	19.52	19.34	20.20	20.20	20.20
20	QPSK	1	49	19.81	19.04	19.27	20.20	20.20	20.20
20	QPSK	25	12	19.88	19.27	19.28	20.20	20.20	20.20
20	QPSK	1	0	19.08	19.20	19.16	20.20	20.20	20.20
20	QPSK	1	50	19.14	19.08	19.10	20.20	20.20	20.20
20	QPSK	50	0	19.14	19.03	19.11	20.20	20.20	20.20
20	16QAM	1	1	19.19	19.11	19.22	20.20	20.20	20.20
20	64QAM	1	1	19.52	19.31	19.36	20.20	20.20	20.20
20	256QAM	1	1	19.41	19.41	19.09	20.20	20.20	20.20
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30kHz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	14.36	19.09	14.10	15.00	20.20	15.00
40	PI/2 BPSK	1	104	13.85	19.09	13.94	15.00	20.20	15.00
40	PI/2 BPSK	50	25	14.17	19.22	14.13	15.00	20.20	15.00
40	PI/2 BPSK	1	0	14.28	19.15	13.98	15.00	20.20	15.00



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Report No. :FA262403-04D

40	PI/2 BPSK	1	105	14.04	19.00	13.85	15.00	20.20	15.00
40	PI/2 BPSK	100	0	13.99	19.11	14.25	15.00	20.20	15.00
40	QPSK	1	1	14.18	19.28	14.06	15.00	20.20	15.00
40	QPSK	1	104	13.94	19.04	14.04	15.00	20.20	15.00
40	QPSK	50	25	14.14	19.34	14.11	15.00	20.20	15.00
40	QPSK	1	0	14.40	19.18	13.99	15.00	20.20	15.00
40	QPSK	1	105	13.90	19.15	13.94	15.00	20.20	15.00
40	QPSK	100	0	14.03	19.04	14.25	15.00	20.20	15.00
40	16QAM	1	1	14.15	19.07	13.53	15.00	20.20	15.00
40	64QAM	1	1	14.18	19.28	13.52	15.00	20.20	15.00
40	256QAM	1	1	14.02	19.31	13.50	15.00	20.20	15.00



<FR1 n48 Ant 6 TX0 Index 10>

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch. / Freq., Power Middle Ch. / Freq., Power High Ch. / Freq., Tune-up limit (dbm). Rows include sub carrier spacing, channel frequency, and modulation details for various test configurations.



FCC SAR TEST REPORT

Report No. :FA262403-04D

40	PI/2 BPSK	1	105	14.04	19.00	13.85	15.00	21.00	15.00
40	PI/2 BPSK	100	0	13.99	19.11	14.25	15.00	21.00	15.00
40	QPSK	1	1	14.18	19.28	14.06	15.00	21.00	15.00
40	QPSK	1	104	13.94	19.04	14.04	15.00	21.00	15.00
40	QPSK	50	25	14.14	19.34	14.11	15.00	21.00	15.00
40	QPSK	1	0	14.40	19.18	13.99	15.00	21.00	15.00
40	QPSK	1	105	13.90	19.15	13.94	15.00	21.00	15.00
40	QPSK	100	0	14.03	19.04	14.25	15.00	21.00	15.00
40	16QAM	1	1	14.15	19.07	13.53	15.00	21.00	15.00
40	64QAM	1	1	14.18	19.28	13.52	15.00	21.00	15.00
40	256QAM	1	1	14.02	19.31	13.50	15.00	21.00	15.00



<FR1 n48 Ant 2 TX1 Index 1/2/3/4/5/6/7/8>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)		
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	24.71	24.52	24.73	25.70	25.70	25.70
10	PI/2 BPSK	1	22	24.52	24.65	24.76	25.70	25.70	25.70
10	PI/2 BPSK	12	6	24.52	24.71	24.68	25.70	25.70	25.70
10	PI/2 BPSK	1	0	24.22	24.11	24.19	25.00	25.00	25.00
10	PI/2 BPSK	1	23	24.03	24.17	24.21	25.00	25.00	25.00
10	PI/2 BPSK	24	0	23.97	24.22	24.21	25.00	25.00	25.00
10	QPSK	1	1	24.69	24.65	24.66	25.70	25.70	25.70
10	QPSK	1	22	24.50	24.71	24.69	25.70	25.70	25.70
10	QPSK	12	6	24.59	24.70	24.69	25.70	25.70	25.70
10	QPSK	1	0	23.66	23.65	23.68	25.00	25.00	25.00
10	QPSK	1	23	23.48	23.72	23.68	25.00	25.00	25.00
10	QPSK	24	0	23.49	23.73	23.71	25.00	25.00	25.00
10	16QAM	1	1	23.68	23.59	23.75	25.00	25.00	25.00
10	64QAM	1	1	22.07	22.19	22.12	23.00	23.00	23.00
10	256QAM	1	1	20.14	20.09	20.08	21.00	21.00	21.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	20.67	24.63	24.72	22.00	25.70	25.70
15	PI/2 BPSK	1	36	24.58	24.68	20.66	25.70	25.70	21.00
15	PI/2 BPSK	18	9	24.53	24.72	24.64	25.70	25.70	25.70
15	PI/2 BPSK	1	0	20.70	24.11	24.19	22.00	25.00	25.00
15	PI/2 BPSK	1	37	24.10	24.10	20.65	25.00	25.00	21.00
15	PI/2 BPSK	36	0	20.53	24.21	20.65	21.00	25.00	21.00
15	QPSK	1	1	20.69	24.98	24.73	22.00	25.70	25.70
15	QPSK	1	36	24.64	24.65	20.79	25.70	25.70	21.00
15	QPSK	18	9	20.51	24.73	24.66	21.00	25.70	25.70
15	QPSK	1	0	20.72	23.63	23.76	22.00	24.00	24.00
15	QPSK	1	37	23.62	23.66	20.68	24.00	24.00	21.00
15	QPSK	36	0	20.51	23.70	20.64	21.00	24.00	21.00
15	16QAM	1	1	19.63	23.80	23.59	21.00	24.00	24.00
15	64QAM	1	1	19.56	22.23	22.08	21.00	23.00	23.00
15	256QAM	1	1	20.12	20.15	20.23	21.00	21.00	21.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	20.73	24.54	24.67	22.00	25.70	25.70
20	PI/2 BPSK	1	49	24.67	24.54	20.61	25.70	25.70	21.00
20	PI/2 BPSK	25	12	24.61	24.66	24.61	25.70	25.70	25.70
20	PI/2 BPSK	1	0	20.77	24.03	24.18	22.00	25.00	25.00
20	PI/2 BPSK	1	50	24.16	24.06	20.69	25.00	25.00	21.00
20	PI/2 BPSK	50	0	20.57	24.17	20.58	21.00	25.00	21.00
20	QPSK	1	1	20.68	24.59	24.64	22.00	25.70	25.70
20	QPSK	1	49	24.61	24.58	20.60	25.70	25.70	21.00
20	QPSK	25	12	24.54	24.64	24.59	25.70	25.70	25.70
20	QPSK	1	0	20.75	23.60	23.71	22.00	25.00	24.00
20	QPSK	1	50	23.61	23.61	20.59	24.00	24.00	21.00
20	QPSK	50	0	20.58	23.71	20.68	21.00	24.00	21.00
20	16QAM	1	1	19.70	23.49	23.82	21.00	24.00	24.00
20	64QAM	1	1	19.76	22.15	22.36	21.00	23.00	23.00
20	256QAM	1	1	20.23	20.03	20.15	21.00	21.00	21.00
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30kHz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	14.22	20.77	14.10	15.00	21.00	15.00
40	PI/2 BPSK	1	104	14.05	20.48	13.98	15.00	21.00	15.00
40	PI/2 BPSK	50	25	14.27	24.68	14.16	15.00	25.70	15.00
40	PI/2 BPSK	1	0	14.22	20.77	14.12	15.00	21.00	15.00



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40	PI/2 BPSK	1	105	14.02	20.51	13.97	15.00	21.00	15.00
40	PI/2 BPSK	100	0	14.24	20.15	14.17	15.00	21.00	15.00
40	QPSK	1	1	14.25	20.78	14.08	15.00	21.00	15.00
40	QPSK	1	104	14.03	20.50	13.98	15.00	21.00	15.00
40	QPSK	50	25	14.22	24.67	14.15	15.00	25.70	15.00
40	QPSK	1	0	14.34	20.81	14.07	15.00	21.00	15.00
40	QPSK	1	105	14.02	20.50	14.01	15.00	21.00	15.00
40	QPSK	100	0	14.21	20.11	14.17	15.00	21.00	15.00
40	16QAM	1	1	13.83	20.67	13.46	15.00	21.00	15.00
40	64QAM	1	1	13.70	20.71	13.64	15.00	21.00	15.00
40	256QAM	1	1	13.56	20.06	13.40	15.00	21.00	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 (dbm)		
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	20.38	20.16	20.42	21.10	21.10	21.10
10	PI/2 BPSK	1	22	20.15	20.27	20.43	21.10	21.10	21.10
10	PI/2 BPSK	12	6	20.22	20.36	20.29	21.10	21.10	21.10
10	PI/2 BPSK	1	0	20.13	20.04	20.19	21.10	21.10	21.10
10	PI/2 BPSK	1	23	20.06	20.08	20.16	21.10	21.10	21.10
10	PI/2 BPSK	24	0	20.01	20.12	20.04	21.10	21.10	21.10
10	QPSK	1	1	20.33	20.30	20.26	21.10	21.10	21.10
10	QPSK	1	22	20.14	20.34	20.39	21.10	21.10	21.10
10	QPSK	12	6	20.22	20.39	20.36	21.10	21.10	21.10
10	QPSK	1	0	20.10	20.15	20.13	21.10	21.10	21.10
10	QPSK	1	23	20.12	20.15	20.16	21.10	21.10	21.10
10	QPSK	24	0	20.19	20.11	20.11	21.10	21.10	21.10
10	16QAM	1	1	20.17	20.21	20.21	21.10	21.10	21.10
10	64QAM	1	1	20.25	20.39	20.24	21.10	21.10	21.10
10	256QAM	1	1	20.11	20.04	20.06	21.00	21.00	21.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	20.15	20.25	20.32	21.10	21.10	21.10
15	PI/2 BPSK	1	36	20.24	20.28	20.33	21.10	21.10	21.00
15	PI/2 BPSK	18	9	20.16	20.39	20.25	21.10	21.10	21.10
15	PI/2 BPSK	1	0	20.06	20.04	20.11	21.10	21.10	21.10
15	PI/2 BPSK	1	37	20.08	20.03	20.23	21.10	21.10	21.00
15	PI/2 BPSK	36	0	20.33	20.09	20.11	21.00	21.10	21.10
15	QPSK	1	1	20.34	20.38	20.33	21.10	21.10	21.10
15	QPSK	1	36	20.24	20.30	20.41	21.10	21.10	21.00
15	QPSK	18	9	20.33	20.35	20.28	21.00	21.10	21.10
15	QPSK	1	0	20.34	20.26	20.23	21.10	21.10	21.10
15	QPSK	1	37	20.11	20.15	20.30	21.10	21.10	21.00
15	QPSK	36	0	20.02	20.12	20.21	21.00	21.10	21.00
15	16QAM	1	1	19.72	20.13	20.11	21.00	21.10	21.10
15	64QAM	1	1	19.61	20.11	20.09	21.00	21.10	21.10
15	256QAM	1	1	20.01	20.06	20.05	21.00	21.00	21.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	20.39	20.15	20.27	21.10	21.10	21.10
20	PI/2 BPSK	1	49	20.33	20.18	20.26	21.10	21.10	21.00
20	PI/2 BPSK	25	12	20.22	20.26	20.22	21.10	21.10	21.10
20	PI/2 BPSK	1	0	20.16	20.10	20.17	21.10	21.10	21.10
20	PI/2 BPSK	1	50	20.17	20.14	20.34	21.10	21.10	21.00
20	PI/2 BPSK	50	0	20.25	20.10	20.23	21.00	21.10	21.00
20	QPSK	1	1	20.20	20.19	20.32	21.10	21.10	21.10
20	QPSK	1	49	20.27	20.19	20.18	21.10	21.10	21.00
20	QPSK	25	12	20.19	20.34	20.28	21.10	21.10	21.90
20	QPSK	1	0	20.19	20.12	20.11	21.10	21.10	21.10
20	QPSK	1	50	20.10	20.10	20.16	21.10	21.10	21.00
20	QPSK	50	0	20.16	20.16	20.18	21.00	21.10	21.00
20	16QAM	1	1	19.60	20.10	20.16	21.00	21.10	21.10
20	64QAM	1	1	19.68	20.17	20.02	21.00	21.10	21.10
20	256QAM	1	1	20.10	20.00	20.12	21.00	21.00	21.00
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30kHz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	14.30	20.27	14.17	15.00	21.00	15.00
40	PI/2 BPSK	1	104	14.00	20.33	13.94	15.00	21.00	15.00
40	PI/2 BPSK	50	25	14.18	20.28	14.15	15.00	21.10	15.00
40	PI/2 BPSK	1	0	14.32	20.26	14.14	15.00	21.00	15.00



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40	PI/2 BPSK	1	105	13.94	20.33	13.98	15.00	21.00	15.00
40	PI/2 BPSK	100	0	14.18	20.15	14.10	15.00	21.00	15.00
40	QPSK	1	1	14.35	20.38	14.15	15.00	21.00	15.00
40	QPSK	1	104	13.99	20.40	13.89	15.00	21.00	15.00
40	QPSK	50	25	14.15	20.43	14.11	15.00	21.10	15.00
40	QPSK	1	0	14.36	20.31	14.09	15.00	21.00	15.00
40	QPSK	1	105	13.95	20.40	13.93	15.00	21.00	15.00
40	QPSK	100	0	14.19	20.11	14.17	15.00	21.00	15.00
40	16QAM	1	1	13.77	20.17	13.47	15.00	21.00	15.00
40	64QAM	1	1	13.76	20.21	13.68	15.00	21.00	15.00
40	256QAM	1	1	13.53	20.06	13.35	15.00	21.00	15.00



<FR1 n48 Ant 2 TX1 Index 10>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)		
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	20.38	20.16	20.42	21.90	21.90	21.90
10	PI/2 BPSK	1	22	20.15	20.27	20.43	21.90	21.90	21.90
10	PI/2 BPSK	12	6	20.22	20.36	20.29	21.90	21.90	21.90
10	PI/2 BPSK	1	0	20.13	20.04	20.19	21.90	21.90	21.90
10	PI/2 BPSK	1	23	20.06	20.08	20.16	21.90	21.90	21.90
10	PI/2 BPSK	24	0	20.01	20.12	20.04	21.90	21.90	21.90
10	QPSK	1	1	20.33	20.30	20.26	21.90	21.90	21.90
10	QPSK	1	22	20.14	20.34	20.39	21.90	21.90	21.90
10	QPSK	12	6	20.22	20.39	20.36	21.90	21.90	21.90
10	QPSK	1	0	20.10	20.15	20.13	21.90	21.90	21.90
10	QPSK	1	23	20.12	20.15	20.16	21.90	21.90	21.90
10	QPSK	24	0	20.19	20.11	20.11	21.90	21.90	21.90
10	16QAM	1	1	20.17	20.21	20.21	21.90	21.90	21.90
10	64QAM	1	1	20.25	20.39	20.24	21.90	21.90	21.90
10	256QAM	1	1	20.11	20.04	20.06	21.00	21.00	21.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	20.15	20.25	20.32	21.90	21.90	21.90
15	PI/2 BPSK	1	36	20.24	20.28	20.33	21.90	21.90	21.00
15	PI/2 BPSK	18	9	20.16	20.39	20.25	21.90	21.90	21.90
15	PI/2 BPSK	1	0	20.06	20.04	20.11	21.90	21.90	21.90
15	PI/2 BPSK	1	37	20.08	20.03	20.23	21.90	21.90	21.00
15	PI/2 BPSK	36	0	20.33	20.09	20.11	21.00	21.90	21.00
15	QPSK	1	1	20.34	20.38	20.33	21.90	21.90	21.90
15	QPSK	1	36	20.24	20.30	20.41	21.90	21.90	21.00
15	QPSK	18	9	20.33	20.35	20.28	21.00	21.90	21.90
15	QPSK	1	0	20.34	20.26	20.23	21.90	21.90	21.90
15	QPSK	1	37	20.11	20.15	20.30	21.90	21.90	21.00
15	QPSK	36	0	20.02	20.12	20.21	21.00	21.90	21.00
15	16QAM	1	1	19.72	20.13	20.11	21.00	21.90	21.90
15	64QAM	1	1	19.61	20.11	20.09	21.00	21.90	21.90
15	256QAM	1	1	20.01	20.06	20.05	21.00	21.00	21.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	20.39	20.15	20.27	21.90	21.90	21.90
20	PI/2 BPSK	1	49	20.33	20.18	20.26	21.90	21.90	21.00
20	PI/2 BPSK	25	12	20.22	20.26	20.22	21.90	21.90	21.90
20	PI/2 BPSK	1	0	20.16	20.10	20.17	21.90	21.90	21.90
20	PI/2 BPSK	1	50	20.17	20.14	20.34	21.90	21.90	21.00
20	PI/2 BPSK	50	0	20.25	20.10	20.23	21.00	21.90	21.00
20	QPSK	1	1	20.20	20.19	20.32	21.90	21.90	21.90
20	QPSK	1	49	20.27	20.19	20.18	21.90	21.90	21.00
20	QPSK	25	12	20.19	20.34	20.28	21.90	21.90	21.90
20	QPSK	1	0	20.19	20.12	20.11	21.90	21.90	21.90
20	QPSK	1	50	20.10	20.10	20.16	21.90	21.90	21.00
20	QPSK	50	0	20.16	20.16	20.18	21.00	21.90	21.00
20	16QAM	1	1	19.60	20.10	20.16	21.00	21.90	21.90
20	64QAM	1	1	19.68	20.17	20.02	21.00	21.90	21.90
20	256QAM	1	1	20.10	20.00	20.12	21.00	21.00	21.00
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30kHz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	14.30	20.27	14.17	15.00	21.00	15.00
40	PI/2 BPSK	1	104	14.00	20.33	13.94	15.00	21.00	15.00
40	PI/2 BPSK	50	25	14.18	20.28	14.15	15.00	21.90	15.00
40	PI/2 BPSK	1	0	14.32	20.26	14.14	15.00	21.00	15.00



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40	PI/2 BPSK	1	105	13.94	20.33	13.98	15.00	21.00	15.00
40	PI/2 BPSK	100	0	14.18	20.15	14.10	15.00	21.00	15.00
40	QPSK	1	1	14.35	20.38	14.15	15.00	21.00	15.00
40	QPSK	1	104	13.99	20.40	13.89	15.00	21.00	15.00
40	QPSK	50	25	14.15	20.43	14.11	15.00	21.90	15.00
40	QPSK	1	0	14.36	20.31	14.09	15.00	21.00	15.00
40	QPSK	1	105	13.95	20.40	13.93	15.00	21.00	15.00
40	QPSK	100	0	14.19	20.11	14.17	15.00	21.00	15.00
40	16QAM	1	1	13.77	20.17	13.47	15.00	21.00	15.00
40	64QAM	1	1	13.76	20.21	13.68	15.00	21.00	15.00
40	256QAM	1	1	13.53	20.06	13.35	15.00	21.00	15.00



<FR1 n48 Ant 1 Sub TX0 Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	24.12	24.18	24.48	25.3
40	PI/2 BPSK	1	53	24.32	24.28	24.35	
40	PI/2 BPSK	1	104	24.35	24.37	24.56	
40	PI/2 BPSK	50	0	24.04	24.21	24.24	24.8
40	PI/2 BPSK	50	28	24.64	24.61	24.46	25.3
40	PI/2 BPSK	50	56	23.95	23.75	23.76	24.8
40	PI/2 BPSK	100	0	24.13	24.08	23.95	
40	QPSK	1	1	24.11	24.17	24.56	25.3
40	QPSK	1	53	24.33	24.30	24.36	
40	QPSK	1	104	24.36	24.39	24.49	
40	QPSK	50	0	23.55	23.74	23.72	24.3
40	QPSK	50	28	24.62	24.59	24.45	25.3
40	QPSK	50	56	23.43	23.36	23.36	24.3
40	QPSK	100	0	23.62	23.58	23.44	24.3
40	16QAM	1	1	23.12	23.21	23.60	24.3
40	64QAM	1	1	21.59	21.68	22.06	22.8
40	256QAM	1	1	19.62	19.70	20.10	20.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.02	24.13	24.36	25.3
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.06	24.04	24.48	25.3
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.05	24.02	24.34	25.3



<FR1 n48 Ant 1 Sub TX0 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	24.12	24.18	24.48	25.3
40	PI/2 BPSK	1	53	24.32	24.28	24.35	
40	PI/2 BPSK	1	104	24.35	24.37	24.56	
40	PI/2 BPSK	50	0	24.04	24.21	24.24	24.8
40	PI/2 BPSK	50	28	24.64	24.61	24.46	25.3
40	PI/2 BPSK	50	56	23.95	23.75	23.76	24.8
40	PI/2 BPSK	100	0	24.13	24.08	23.95	
40	QPSK	1	1	24.11	24.17	24.56	25.3
40	QPSK	1	53	24.33	24.30	24.36	
40	QPSK	1	104	24.36	24.39	24.49	
40	QPSK	50	0	23.55	23.74	23.72	24.3
40	QPSK	50	28	24.62	24.59	24.45	25.3
40	QPSK	50	56	23.43	23.36	23.36	24.3
40	QPSK	100	0	23.62	23.58	23.44	24.3
40	16QAM	1	1	23.12	23.21	23.60	24.3
40	64QAM	1	1	21.59	21.68	22.06	22.8
40	256QAM	1	1	19.62	19.70	20.10	20.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.02	24.13	24.36	25.3
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.06	24.04	24.48	25.3
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.05	24.02	24.34	25.3



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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				638000	641666	645332	25.3
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	24.12	24.18	24.48	
40	PI/2 BPSK	1	53	24.32	24.28	24.35	24.8
40	PI/2 BPSK	1	104	24.35	24.37	24.56	
40	PI/2 BPSK	50	0	24.04	24.21	24.24	
40	PI/2 BPSK	50	28	24.64	24.61	24.46	25.3
40	PI/2 BPSK	50	56	23.95	23.75	23.76	
40	PI/2 BPSK	100	0	24.13	24.08	23.95	
40	QPSK	1	1	24.11	24.17	24.56	24.8
40	QPSK	1	53	24.33	24.30	24.36	
40	QPSK	1	104	24.36	24.39	24.49	
40	QPSK	50	0	23.55	23.74	23.72	25.3
40	QPSK	50	28	24.62	24.59	24.45	
40	QPSK	50	56	23.43	23.36	23.36	
40	QPSK	100	0	23.62	23.58	23.44	24.3
40	16QAM	1	1	23.12	23.21	23.60	
40	64QAM	1	1	21.59	21.68	22.06	
40	256QAM	1	1	19.62	19.70	20.10	20.8
Channel				637334	641666	646000	
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.02	24.13	24.36	25.3
Channel				637168	641666	646166	
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.06	24.04	24.48	25.3
Channel				637000	641666	646332	
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.05	24.02	24.34	25.3



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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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.08	20.34	20.26	21.6
40	PI/2 BPSK	1	53	20.03	20.31	20.25	
40	PI/2 BPSK	1	104	20.32	20.53	20.50	
40	PI/2 BPSK	50	0	20.53	20.73	20.74	21.6
40	PI/2 BPSK	50	28	20.41	20.62	20.53	21.6
40	PI/2 BPSK	50	56	20.00	20.26	20.21	21.6
40	PI/2 BPSK	100	0	20.39	20.62	20.57	
40	QPSK	1	1	20.04	20.32	20.28	21.6
40	QPSK	1	53	20.05	20.32	20.27	
40	QPSK	1	104	20.24	20.54	20.46	
40	QPSK	50	0	20.50	20.72	20.63	21.6
40	QPSK	50	28	20.34	20.59	20.53	21.6
40	QPSK	50	56	20.05	20.27	20.26	21.6
40	QPSK	100	0	20.39	20.62	20.60	21.6
40	16QAM	1	1	19.98	20.24	20.15	21.6
40	64QAM	1	1	20.02	20.23	20.20	21.6
40	256QAM	1	1	19.78	20.05	20.00	20.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.96	20.29	20.11	21.6
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.94	20.23	20.26	21.6
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.07	20.18	20.14	21.6



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Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel	638000	641666	645332	
Frequency (MHz)	3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.8
40	PI/2 BPSK	1	53	
40	PI/2 BPSK	1	104	
40	PI/2 BPSK	50	0	20.8
40	PI/2 BPSK	50	28	20.8
40	PI/2 BPSK	50	56	20.8
40	PI/2 BPSK	100	0	
40	QPSK	1	1	20.8
40	QPSK	1	53	
40	QPSK	1	104	
40	QPSK	50	0	20.8
40	QPSK	50	28	20.8
40	QPSK	50	56	20.8
40	QPSK	100	0	20.8
40	16QAM	1	1	20.8
40	64QAM	1	1	20.8
40	256QAM	1	1	20.8
Channel	637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)	3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.8
Channel	637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)	3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.8
Channel	637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)	3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.8



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Channel	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					638000	641666	645332	
Frequency (MHz)					3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	24.12	24.18	24.48	25.2	
40	PI/2 BPSK	1	53	24.32	24.28	24.35		
40	PI/2 BPSK	1	104	24.35	24.37	24.56		
40	PI/2 BPSK	50	0	24.04	24.21	24.24	24.8	
40	PI/2 BPSK	50	28	24.64	24.61	24.46	25.2	
40	PI/2 BPSK	50	56	23.95	23.75	23.76	24.8	
40	PI/2 BPSK	100	0	24.13	24.08	23.95		
40	QPSK	1	1	24.11	24.17	24.56	25.2	
40	QPSK	1	53	24.33	24.30	24.36		
40	QPSK	1	104	24.36	24.39	24.49		
40	QPSK	50	0	23.55	23.74	23.72	24.3	
40	QPSK	50	28	24.62	24.59	24.45	25.2	
40	QPSK	50	56	23.43	23.36	23.36	24.3	
40	QPSK	100	0	23.62	23.58	23.44	24.3	
40	16QAM	1	1	23.12	23.21	23.60	24.3	
40	64QAM	1	1	21.59	21.68	22.06	22.8	
40	256QAM	1	1	19.62	19.70	20.10	20.8	
Channel					637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)					3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.02	24.13	24.36	25.2	
Channel					637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)					3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.06	24.04	24.48	25.2	
Channel					637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)					3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.05	24.02	24.34	25.2	



<FR1 n48 Ant 1 Sub TX0 Index 10>

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel	638000	641666	645332	
Frequency (MHz)	3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	25.3
40	PI/2 BPSK	1	53	
40	PI/2 BPSK	1	104	
40	PI/2 BPSK	50	0	24.8
40	PI/2 BPSK	50	28	25.3
40	PI/2 BPSK	50	56	24.8
40	PI/2 BPSK	100	0	
40	QPSK	1	1	25.3
40	QPSK	1	53	
40	QPSK	1	104	
40	QPSK	50	0	24.3
40	QPSK	50	28	25.3
40	QPSK	50	56	24.3
40	QPSK	100	0	24.3
40	16QAM	1	1	24.3
40	64QAM	1	1	22.8
40	256QAM	1	1	20.8
Channel	637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)	3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	25.3
Channel	637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)	3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	25.3
Channel	637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)	3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	25.3



<FR1 n48 Ant 1 Sub TX0 Index 11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	24.12	24.18	24.48	25.2
40	PI/2 BPSK	1	53	24.32	24.28	24.35	
40	PI/2 BPSK	1	104	24.35	24.37	24.56	
40	PI/2 BPSK	50	0	24.04	24.21	24.24	24.8
40	PI/2 BPSK	50	28	24.64	24.61	24.46	25.2
40	PI/2 BPSK	50	56	23.95	23.75	23.76	24.8
40	PI/2 BPSK	100	0	24.13	24.08	23.95	
40	QPSK	1	1	24.11	24.17	24.56	25.2
40	QPSK	1	53	24.33	24.30	24.36	
40	QPSK	1	104	24.36	24.39	24.49	
40	QPSK	50	0	23.55	23.74	23.72	24.3
40	QPSK	50	28	24.62	24.59	24.45	25.2
40	QPSK	50	56	23.43	23.36	23.36	24.3
40	QPSK	100	0	23.62	23.58	23.44	24.3
40	16QAM	1	1	23.12	23.21	23.60	24.3
40	64QAM	1	1	21.59	21.68	22.06	22.8
40	256QAM	1	1	19.62	19.70	20.10	20.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.02	24.13	24.36	25.2
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.06	24.04	24.48	25.2
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.05	24.02	24.34	25.2



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Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)			
Channel	638000	641666	645332				
Frequency (MHz)	3570	3624.99	3679.98				
40	PI/2 BPSK	1	1	23.72	23.70	23.83	25.3
40	PI/2 BPSK	1	53	23.56	23.68	24.04	
40	PI/2 BPSK	1	104	24.05	23.99	24.26	
40	PI/2 BPSK	50	0	23.57	23.46	23.59	24.8
40	PI/2 BPSK	50	28	23.85	23.98	24.00	25.3
40	PI/2 BPSK	50	56	23.30	23.46	23.39	24.8
40	PI/2 BPSK	100	0	23.38	23.44	23.62	
40	QPSK	1	1	23.72	23.69	23.81	25.3
40	QPSK	1	53	23.55	23.68	24.06	
40	QPSK	1	104	24.04	23.98	24.25	
40	QPSK	50	0	23.03	22.97	23.11	24.3
40	QPSK	50	28	23.84	23.98	24.15	25.3
40	QPSK	50	56	22.80	22.96	22.91	24.3
40	QPSK	100	0	22.87	22.98	23.12	24.3
40	16QAM	1	1	22.72	22.73	22.85	24.3
40	64QAM	1	1	21.22	21.19	21.31	22.8
40	256QAM	1	1	19.26	19.23	19.36	20.8
Channel	637334	641666	646000				
Frequency (MHz)	3560.01	3624.99	3690				
20	PI/2 BPSK	1	1	23.55	23.61	23.79	25.3
Channel	637168	641666	646166				
Frequency (MHz)	3557.52	3624.99	3692.49				
15	PI/2 BPSK	1	1	23.55	23.55	23.66	25.3
Channel	637000	641666	646332				
Frequency (MHz)	3555	3624.99	3694.98				
10	PI/2 BPSK	1	1	23.64	23.58	23.70	25.3



<FR1 n48 Ant 5 Sub TX1 Index 4/6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.72	23.70	23.83	24.3
40	PI/2 BPSK	1	53	23.56	23.68	24.04	
40	PI/2 BPSK	1	104	24.05	23.99	24.26	
40	PI/2 BPSK	50	0	23.57	23.46	23.59	24.3
40	PI/2 BPSK	50	28	23.85	23.98	24.00	24.3
40	PI/2 BPSK	50	56	23.30	23.46	23.39	24.3
40	PI/2 BPSK	100	0	23.38	23.44	23.62	
40	QPSK	1	1	23.72	23.69	23.81	24.3
40	QPSK	1	53	23.55	23.68	24.06	
40	QPSK	1	104	24.04	23.98	24.25	
40	QPSK	50	0	23.03	22.97	23.11	24.3
40	QPSK	50	28	23.84	23.98	24.15	24.3
40	QPSK	50	56	22.80	22.96	22.91	24.3
40	QPSK	100	0	22.87	22.98	23.12	24.3
40	16QAM	1	1	22.72	22.73	22.85	24.3
40	64QAM	1	1	21.22	21.19	21.31	22.8
40	256QAM	1	1	19.26	19.23	19.36	20.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.55	23.61	23.79	24.3
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	23.55	23.55	23.66	24.3
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.64	23.58	23.70	24.3



<FR1 n48 Ant 5 Sub TX1 Index 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.72	23.70	23.83	25.1
40	PI/2 BPSK	1	53	23.56	23.68	24.04	
40	PI/2 BPSK	1	104	24.05	23.99	24.26	
40	PI/2 BPSK	50	0	23.57	23.46	23.59	24.8
40	PI/2 BPSK	50	28	23.85	23.98	24.00	25.1
40	PI/2 BPSK	50	56	23.30	23.46	23.39	24.8
40	PI/2 BPSK	100	0	23.38	23.44	23.62	
40	QPSK	1	1	23.72	23.69	23.81	25.1
40	QPSK	1	53	23.55	23.68	24.06	
40	QPSK	1	104	24.04	23.98	24.25	
40	QPSK	50	0	23.03	22.97	23.11	24.3
40	QPSK	50	28	23.84	23.98	24.15	25.1
40	QPSK	50	56	22.80	22.96	22.91	24.3
40	QPSK	100	0	22.87	22.98	23.12	24.3
40	16QAM	1	1	22.72	22.73	22.85	24.3
40	64QAM	1	1	21.22	21.19	21.31	22.8
40	256QAM	1	1	19.26	19.23	19.36	20.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.55	23.61	23.79	25.1
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	23.55	23.55	23.66	25.1
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.64	23.58	23.70	25.1



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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				638000	641666	645332	25.3
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.72	23.70	23.83	25.3
40	PI/2 BPSK	1	53	23.56	23.68	24.04	
40	PI/2 BPSK	1	104	24.05	23.99	24.26	
40	PI/2 BPSK	50	0	23.57	23.46	23.59	24.8
40	PI/2 BPSK	50	28	23.85	23.98	24.00	25.3
40	PI/2 BPSK	50	56	23.30	23.46	23.39	24.8
40	PI/2 BPSK	100	0	23.38	23.44	23.62	
40	QPSK	1	1	23.72	23.69	23.81	25.3
40	QPSK	1	53	23.55	23.68	24.06	
40	QPSK	1	104	24.04	23.98	24.25	
40	QPSK	50	0	23.03	22.97	23.11	24.3
40	QPSK	50	28	23.84	23.98	24.15	25.3
40	QPSK	50	56	22.80	22.96	22.91	24.3
40	QPSK	100	0	22.87	22.98	23.12	24.3
40	16QAM	1	1	22.72	22.73	22.85	24.3
40	64QAM	1	1	21.22	21.19	21.31	22.8
40	256QAM	1	1	19.26	19.23	19.36	20.8
Channel				637334	641666	646000	25.3
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.55	23.61	23.79	25.3
Channel				637168	641666	646166	25.3
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	23.55	23.55	23.66	25.3
Channel				637000	641666	646332	25.3
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.64	23.58	23.70	25.3



<FR1 n48 Ant 5 Sub TX1 Index 9>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.72	23.70	23.83	25.3
40	PI/2 BPSK	1	53	23.56	23.68	24.04	
40	PI/2 BPSK	1	104	24.05	23.99	24.26	
40	PI/2 BPSK	50	0	23.57	23.46	23.59	24.8
40	PI/2 BPSK	50	28	23.85	23.98	24.00	25.3
40	PI/2 BPSK	50	56	23.30	23.46	23.39	24.8
40	PI/2 BPSK	100	0	23.38	23.44	23.62	
40	QPSK	1	1	23.72	23.69	23.81	25.3
40	QPSK	1	53	23.55	23.68	24.06	
40	QPSK	1	104	24.04	23.98	24.25	
40	QPSK	50	0	23.03	22.97	23.11	24.3
40	QPSK	50	28	23.84	23.98	24.15	25.3
40	QPSK	50	56	22.80	22.96	22.91	24.3
40	QPSK	100	0	22.87	22.98	23.12	24.3
40	16QAM	1	1	22.72	22.73	22.85	24.3
40	64QAM	1	1	21.22	21.19	21.31	22.8
40	256QAM	1	1	19.26	19.23	19.36	20.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.55	23.61	23.79	25.3
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	23.55	23.55	23.66	25.3
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.64	23.58	23.70	25.3



<FR1 n48 Ant 5 Sub TX1 Index 10/11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	25.3
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.72	23.70	23.83	25.3
40	PI/2 BPSK	1	53	23.56	23.68	24.04	
40	PI/2 BPSK	1	104	24.05	23.99	24.26	
40	PI/2 BPSK	50	0	23.57	23.46	23.59	24.8
40	PI/2 BPSK	50	28	23.85	23.98	24.00	25.3
40	PI/2 BPSK	50	56	23.30	23.46	23.39	24.8
40	PI/2 BPSK	100	0	23.38	23.44	23.62	
40	QPSK	1	1	23.72	23.69	23.81	25.3
40	QPSK	1	53	23.55	23.68	24.06	
40	QPSK	1	104	24.04	23.98	24.25	
40	QPSK	50	0	23.03	22.97	23.11	24.3
40	QPSK	50	28	23.84	23.98	24.15	25.3
40	QPSK	50	56	22.80	22.96	22.91	24.3
40	QPSK	100	0	22.87	22.98	23.12	24.3
40	16QAM	1	1	22.72	22.73	22.85	24.3
40	64QAM	1	1	21.22	21.19	21.31	22.8
40	256QAM	1	1	19.26	19.23	19.36	20.8
Channel				637334	641666	646000	25.3
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.55	23.61	23.79	25.3
Channel				637168	641666	646166	25.3
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	23.55	23.55	23.66	25.3
Channel				637000	641666	646332	25.3
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.64	23.58	23.70	25.3



<FR1 n77 Ant 6 TX0 Index 2/3> (Part 270)

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	25.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.42	24.05	23.63	25.1
100	PI/2 BPSK	1	137	24.43	24.15	23.70	
100	PI/2 BPSK	1	271	24.40	23.94	23.84	
100	PI/2 BPSK	135	0	24.07	23.75	23.23	24.6
100	PI/2 BPSK	135	69	24.40	24.11	23.62	25.1
100	PI/2 BPSK	135	138	23.77	23.42	22.96	24.6
100	PI/2 BPSK	270	0	23.72	23.38	22.91	
100	QPSK	1	1	24.31	23.99	23.50	25.1
100	QPSK	1	137	24.35	24.05	23.60	
100	QPSK	1	271	24.29	23.95	23.49	
100	QPSK	135	0	23.46	23.16	22.95	24.1
100	QPSK	135	69	24.33	24.00	23.49	25.1
100	QPSK	135	138	22.96	22.85	22.48	24.1
100	QPSK	270	0	23.31	23.02	22.58	24.1
100	16QAM	1	1	23.41	22.84	22.66	24.1
100	64QAM	1	1	21.85	21.30	21.04	22.6
100	256QAM	1	1	19.81	19.39	19.11	20.6
Channel				649668	656000	662332	25.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.26	23.88	23.43	25.1
Channel				649334	656000	662666	25.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.30	23.87	23.44	25.1
Channel				649000	656000	663000	25.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.23	24.05	23.54	25.1
Channel				648668	656000	663332	25.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.35	23.99	23.53	25.1
Channel				648334	656000	663666	25.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.36	24.03	23.48	25.1
Channel				648000	656000	664000	25.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.36	24.03	23.48	25.1
Channel				647668	656000	664332	25.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.28	23.89	23.54	25.1
Channel				647500	656000	664500	25.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.36	23.91	23.49	25.1
Channel				647334	656000	664666	25.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.38	23.96	23.48	25.1
Channel				647168	656000	664832	25.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.26	24.05	23.48	25.1
Channel				647000	656000	665000	25.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.21	24.00	23.49	25.1



<FR1 n77 Ant 6 TX0 Index 4> (Part 270)

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	23.92	23.55	23.13	24.3
100	PI/2 BPSK	1	137	23.93	23.65	23.20	
100	PI/2 BPSK	1	271	23.90	23.44	23.34	
100	PI/2 BPSK	135	0	23.57	23.25	22.73	24.3
100	PI/2 BPSK	135	69	23.90	23.61	23.12	24.3
100	PI/2 BPSK	135	138	23.27	22.92	22.46	24.3
100	PI/2 BPSK	270	0	23.22	22.88	22.41	
100	QPSK	1	1	23.81	23.49	23.00	24.3
100	QPSK	1	137	23.85	23.55	23.10	
100	QPSK	1	271	23.79	23.45	22.99	
100	QPSK	135	0	23.38	23.08	22.88	24.1
100	QPSK	135	69	23.83	23.50	22.99	24.3
100	QPSK	135	138	22.96	22.79	22.42	24.1
100	QPSK	270	0	23.25	23.00	22.49	24.1
100	16QAM	1	1	23.33	22.75	22.57	24.1
100	64QAM	1	1	21.84	21.21	21.03	22.6
100	256QAM	1	1	19.80	19.36	19.05	20.6
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.76	23.37	22.83	24.3
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.73	23.37	22.86	24.3
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.65	23.52	22.99	24.3
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.80	23.49	22.95	24.3
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.78	23.48	22.88	24.3
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.86	23.49	22.89	24.3
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.77	23.37	23.04	24.3
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.86	23.37	22.92	24.3
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.88	23.44	22.95	24.3
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.70	23.48	22.96	24.3
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.66	23.41	22.92	24.3



<FR1 n77 Ant 6 TX0 Index 5> (Part 270)

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	25.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.42	24.05	23.63	25.1
100	PI/2 BPSK	1	137	24.43	24.15	23.70	
100	PI/2 BPSK	1	271	24.40	23.94	23.84	
100	PI/2 BPSK	135	0	24.07	23.75	23.23	24.6
100	PI/2 BPSK	135	69	24.40	24.11	23.62	25.1
100	PI/2 BPSK	135	138	23.77	23.42	22.96	24.6
100	PI/2 BPSK	270	0	23.72	23.38	22.91	
100	QPSK	1	1	24.31	23.99	23.50	25.1
100	QPSK	1	137	24.35	24.05	23.60	
100	QPSK	1	271	24.29	23.95	23.49	
100	QPSK	135	0	23.46	23.16	22.95	24.1
100	QPSK	135	69	24.33	24.00	23.49	25.1
100	QPSK	135	138	22.96	22.85	22.48	24.1
100	QPSK	270	0	23.31	23.02	22.58	24.1
100	16QAM	1	1	23.41	22.84	22.66	24.1
100	64QAM	1	1	21.85	21.30	21.04	22.6
100	256QAM	1	1	19.81	19.39	19.11	20.6
Channel				649668	656000	662332	25.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.26	23.88	23.43	25.1
Channel				649334	656000	662666	25.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.30	23.87	23.44	25.1
Channel				649000	656000	663000	25.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.23	24.05	23.54	25.1
Channel				648668	656000	663332	25.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.35	23.99	23.53	25.1
Channel				648334	656000	663666	25.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.36	24.03	23.48	25.1
Channel				648000	656000	664000	25.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.36	24.03	23.48	25.1
Channel				647668	656000	664332	25.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.28	23.89	23.54	25.1
Channel				647500	656000	664500	25.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.36	23.91	23.49	25.1
Channel				647334	656000	664666	25.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.38	23.96	23.48	25.1
Channel				647168	656000	664832	25.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.26	24.05	23.48	25.1
Channel				647000	656000	665000	25.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.21	24.00	23.49	25.1



<FR1 n77 Ant 6 TX0 Index 6> (Part 270)

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	24.8
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.42	24.05	23.63	24.8
100	PI/2 BPSK	1	137	24.43	24.15	23.70	
100	PI/2 BPSK	1	271	24.40	23.94	23.84	
100	PI/2 BPSK	135	0	24.07	23.75	23.23	24.6
100	PI/2 BPSK	135	69	24.40	24.11	23.62	24.8
100	PI/2 BPSK	135	138	23.77	23.42	22.96	24.6
100	PI/2 BPSK	270	0	23.72	23.38	22.91	
100	QPSK	1	1	24.31	23.99	23.50	24.8
100	QPSK	1	137	24.35	24.05	23.60	
100	QPSK	1	271	24.29	23.95	23.49	
100	QPSK	135	0	23.46	23.16	22.95	24.1
100	QPSK	135	69	24.33	24.00	23.49	24.8
100	QPSK	135	138	22.96	22.85	22.48	24.1
100	QPSK	270	0	23.31	23.02	22.58	24.1
100	16QAM	1	1	23.41	22.84	22.66	24.1
100	64QAM	1	1	21.85	21.30	21.04	22.6
100	256QAM	1	1	19.81	19.39	19.11	20.6
Channel				649668	656000	662332	24.8
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.26	23.88	23.43	24.8
Channel				649334	656000	662666	24.8
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.30	23.87	23.44	24.8
Channel				649000	656000	663000	24.8
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.23	24.05	23.54	24.8
Channel				648668	656000	663332	24.8
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.35	23.99	23.53	24.8
Channel				648334	656000	663666	24.8
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.36	24.03	23.48	24.8
Channel				648000	656000	664000	24.8
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.36	24.03	23.48	24.8
Channel				647668	656000	664332	24.8
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.28	23.89	23.54	24.8
Channel				647500	656000	664500	24.8
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.36	23.91	23.49	24.8
Channel				647334	656000	664666	24.8
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.38	23.96	23.48	24.8
Channel				647168	656000	664832	24.8
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.26	24.05	23.48	24.8
Channel				647000	656000	665000	24.8
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.21	24.00	23.49	24.8



<FR1 n77 Ant 6 TX0 Index 7/8> (Part 270)

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	25.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.42	24.05	23.63	25.1
100	PI/2 BPSK	1	137	24.43	24.15	23.70	
100	PI/2 BPSK	1	271	24.40	23.94	23.84	
100	PI/2 BPSK	135	0	24.07	23.75	23.23	24.6
100	PI/2 BPSK	135	69	24.40	24.11	23.62	25.1
100	PI/2 BPSK	135	138	23.77	23.42	22.96	24.6
100	PI/2 BPSK	270	0	23.72	23.38	22.91	
100	QPSK	1	1	24.31	23.99	23.50	25.1
100	QPSK	1	137	24.35	24.05	23.60	
100	QPSK	1	271	24.29	23.95	23.49	
100	QPSK	135	0	23.46	23.16	22.95	24.1
100	QPSK	135	69	24.33	24.00	23.49	25.1
100	QPSK	135	138	22.96	22.85	22.48	24.1
100	QPSK	270	0	23.31	23.02	22.58	24.1
100	16QAM	1	1	23.41	22.84	22.66	24.1
100	64QAM	1	1	21.85	21.30	21.04	22.6
100	256QAM	1	1	19.81	19.39	19.11	20.6
Channel				649668	656000	662332	25.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.26	23.88	23.43	25.1
Channel				649334	656000	662666	25.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.30	23.87	23.44	25.1
Channel				649000	656000	663000	25.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.23	24.05	23.54	25.1
Channel				648668	656000	663332	25.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.35	23.99	23.53	25.1
Channel				648334	656000	663666	25.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.36	24.03	23.48	25.1
Channel				648000	656000	664000	25.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.36	24.03	23.48	25.1
Channel				647668	656000	664332	25.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.28	23.89	23.54	25.1
Channel				647500	656000	664500	25.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.36	23.91	23.49	25.1
Channel				647334	656000	664666	25.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.38	23.96	23.48	25.1
Channel				647168	656000	664832	25.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.26	24.05	23.48	25.1
Channel				647000	656000	665000	25.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.21	24.00	23.49	25.1



<FR1 n77 Ant 6 TX0 Index 9> (Part 270)

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	19.9
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.35	18.98	18.90	19.9
100	PI/2 BPSK	1	137	19.40	19.03	18.93	
100	PI/2 BPSK	1	271	19.34	18.99	18.92	
100	PI/2 BPSK	135	0	19.45	19.04	19.01	19.9
100	PI/2 BPSK	135	69	19.44	19.07	19.02	19.9
100	PI/2 BPSK	135	138	19.33	18.92	18.80	19.9
100	PI/2 BPSK	270	0	19.29	18.96	18.85	
100	QPSK	1	1	19.38	19.01	18.93	19.9
100	QPSK	1	137	19.38	19.01	18.90	
100	QPSK	1	271	19.31	18.99	18.90	
100	QPSK	135	0	19.43	19.12	19.01	19.9
100	QPSK	135	69	19.37	19.01	18.93	19.9
100	QPSK	135	138	19.32	18.93	18.81	19.9
100	QPSK	270	0	19.37	18.97	18.93	19.9
100	16QAM	1	1	19.32	18.99	18.90	19.9
100	64QAM	1	1	19.25	18.94	18.82	19.9
100	256QAM	1	1	19.38	18.98	18.88	19.9
Channel				649668	656000	662332	19.9
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.32	18.86	18.80	19.9
Channel				649334	656000	662666	19.9
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.18	18.94	18.71	19.9
Channel				649000	656000	663000	19.9
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.33	18.95	18.73	19.9
Channel				648668	656000	663332	19.9
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.29	18.97	18.81	19.9
Channel				648334	656000	663666	19.9
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.23	18.82	18.77	19.9
Channel				648000	656000	664000	19.9
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.27	18.85	18.82	19.9
Channel				647668	656000	664332	19.9
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	19.31	18.98	18.82	19.9
Channel				647500	656000	664500	19.9
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	19.26	18.93	18.87	19.9
Channel				647334	656000	664666	19.9
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.32	18.97	18.89	19.9
Channel				647168	656000	664832	19.9
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.31	18.82	18.70	19.9
Channel				647000	656000	665000	19.9
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.20	18.81	18.77	19.9



<FR1 n77 Ant 6 TX0 Index 10> (Part 270)

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	20.7
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.35	18.98	18.90	20.7
100	PI/2 BPSK	1	137	19.40	19.03	18.93	
100	PI/2 BPSK	1	271	19.34	18.99	18.92	
100	PI/2 BPSK	135	0	19.45	19.04	19.01	20.7
100	PI/2 BPSK	135	69	19.44	19.07	19.02	20.7
100	PI/2 BPSK	135	138	19.33	18.92	18.80	20.7
100	PI/2 BPSK	270	0	19.29	18.96	18.85	
100	QPSK	1	1	19.38	19.01	18.93	20.7
100	QPSK	1	137	19.38	19.01	18.90	
100	QPSK	1	271	19.31	18.99	18.90	
100	QPSK	135	0	19.43	19.12	19.01	20.7
100	QPSK	135	69	19.37	19.01	18.93	20.7
100	QPSK	135	138	19.32	18.93	18.81	20.7
100	QPSK	270	0	19.37	18.97	18.93	20.7
100	16QAM	1	1	19.32	18.99	18.90	20.7
100	64QAM	1	1	19.25	18.94	18.82	20.7
100	256QAM	1	1	19.38	18.98	18.88	20.7
Channel				649668	656000	662332	20.7
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.32	18.86	18.80	20.7
Channel				649334	656000	662666	20.7
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.18	18.94	18.71	20.7
Channel				649000	656000	663000	20.7
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.33	18.95	18.73	20.7
Channel				648668	656000	663332	20.7
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.29	18.97	18.81	20.7
Channel				648334	656000	663666	20.7
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.23	18.82	18.77	20.7
Channel				648000	656000	664000	20.7
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.27	18.85	18.82	20.7
Channel				647668	656000	664332	20.7
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	19.31	18.98	18.82	20.7
Channel				647500	656000	664500	20.7
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	19.26	18.93	18.87	20.7
Channel				647334	656000	664666	20.7
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.32	18.97	18.89	20.7
Channel				647168	656000	664832	20.7
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.31	18.82	18.70	20.7
Channel				647000	656000	665000	20.7
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.20	18.81	18.77	20.7



<FR1 n77 Ant 6 TX0 Index 11> (Part 270)

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	19.9
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.35	18.98	18.90	19.9
100	PI/2 BPSK	1	137	19.40	19.03	18.93	
100	PI/2 BPSK	1	271	19.34	18.99	18.92	
100	PI/2 BPSK	135	0	19.45	19.04	19.01	19.9
100	PI/2 BPSK	135	69	19.44	19.07	19.02	19.9
100	PI/2 BPSK	135	138	19.33	18.92	18.80	19.9
100	PI/2 BPSK	270	0	19.29	18.96	18.85	
100	QPSK	1	1	19.38	19.01	18.93	19.9
100	QPSK	1	137	19.38	19.01	18.90	
100	QPSK	1	271	19.31	18.99	18.90	
100	QPSK	135	0	19.43	19.12	19.01	19.9
100	QPSK	135	69	19.37	19.01	18.93	19.9
100	QPSK	135	138	19.32	18.93	18.81	19.9
100	QPSK	270	0	19.37	18.97	18.93	19.9
100	16QAM	1	1	19.32	18.99	18.90	19.9
100	64QAM	1	1	19.25	18.94	18.82	19.9
100	256QAM	1	1	19.38	18.98	18.88	19.9
Channel				649668	656000	662332	19.9
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.32	18.86	18.80	19.9
Channel				649334	656000	662666	19.9
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.18	18.94	18.71	19.9
Channel				649000	656000	663000	19.9
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.33	18.95	18.73	19.9
Channel				648668	656000	663332	19.9
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.29	18.97	18.81	19.9
Channel				648334	656000	663666	19.9
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.23	18.82	18.77	19.9
Channel				648000	656000	664000	19.9
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.27	18.85	18.82	19.9
Channel				647668	656000	664332	19.9
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	19.31	18.98	18.82	19.9
Channel				647500	656000	664500	19.9
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	19.26	18.93	18.87	19.9
Channel				647334	656000	664666	19.9
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.32	18.97	18.89	19.9
Channel				647168	656000	664832	19.9
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.31	18.82	18.70	19.9
Channel				647000	656000	665000	19.9
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.20	18.81	18.77	19.9



<FR1 n77 Ant 6 TX0 Index 2/3> (Part 27Q)

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		25.1
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.25		25.1
100	PI/2 BPSK	1	137		23.33		
100	PI/2 BPSK	1	271		23.16		
100	PI/2 BPSK	135	0		23.08		24.6
100	PI/2 BPSK	135	69		23.31		25.1
100	PI/2 BPSK	135	138		23.05		24.6
100	PI/2 BPSK	270	0		22.73		
100	QPSK	1	1		23.32		25.1
100	QPSK	1	137		23.28		
100	QPSK	1	271		23.15		
100	QPSK	135	0		22.52		24.1
100	QPSK	135	69		23.29		25.1
100	QPSK	135	138		22.54		24.1
100	QPSK	270	0		22.20		24.1
100	16QAM	1	1		22.43		24.1
100	64QAM	1	1		20.88		22.6
100	256QAM	1	1		18.70		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.20	23.29	23.27	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.21	23.15	23.29	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.28	23.20	23.18	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.16	23.25	23.29	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.28	23.27	23.30	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.18	23.31	23.28	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.31	23.28	23.17	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.17	23.17	23.17	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.21	23.27	23.24	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.27	23.30	23.22	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.21	23.22	23.24	25.1



<FR1 n77 Ant 6 TX0 Index 4> (Part 27Q)

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		23.25		24.3
100	PI/2 BPSK	1	137		23.33		
100	PI/2 BPSK	1	271		23.16		
100	PI/2 BPSK	135	0		23.08		24.3
100	PI/2 BPSK	135	69		23.31		24.3
100	PI/2 BPSK	135	138		23.05		24.3
100	PI/2 BPSK	270	0		22.73		
100	QPSK	1	1		23.32		24.3
100	QPSK	1	137		23.28		
100	QPSK	1	271		23.15		
100	QPSK	135	0		22.52		24.1
100	QPSK	135	69		23.29		24.3
100	QPSK	135	138		22.54		24.1
100	QPSK	270	0		22.20		24.1
100	16QAM	1	1		22.43		24.1
100	64QAM	1	1		20.88		22.6
100	256QAM	1	1		18.70		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.20	23.29	23.27	24.3
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.21	23.15	23.29	24.3
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.28	23.20	23.18	24.3
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.16	23.25	23.29	24.3
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.28	23.27	23.30	24.3
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.18	23.31	23.28	24.3
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.31	23.28	23.17	24.3
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.17	23.17	23.17	24.3
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.21	23.27	23.24	24.3
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.27	23.30	23.22	24.3
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.21	23.22	23.24	24.3



<FR1 n77 Ant 6 TX0 Index 5> (Part 27Q)

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		25.1
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.25		25.1
100	PI/2 BPSK	1	137		23.33		
100	PI/2 BPSK	1	271		23.16		
100	PI/2 BPSK	135	0		23.08		24.6
100	PI/2 BPSK	135	69		23.31		25.1
100	PI/2 BPSK	135	138		23.05		24.6
100	PI/2 BPSK	270	0		22.73		
100	QPSK	1	1		23.32		25.1
100	QPSK	1	137		23.28		
100	QPSK	1	271		23.15		
100	QPSK	135	0		22.52		24.1
100	QPSK	135	69		23.29		25.1
100	QPSK	135	138		22.54		24.1
100	QPSK	270	0		22.20		24.1
100	16QAM	1	1		22.43		24.1
100	64QAM	1	1		20.88		22.6
100	256QAM	1	1		18.70		20.6
Channel				633000	633332	633666	25.1
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.20	23.29	23.27	25.1
Channel				632668	633332	634000	25.1
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.21	23.15	23.29	25.1
Channel				632334	633332	634332	25.1
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.28	23.20	23.18	25.1
Channel				632000	633332	634666	25.1
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.16	23.25	23.29	25.1
Channel				631668	633332	635000	25.1
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.28	23.27	23.30	25.1
Channel				631334	633332	635332	25.1
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.18	23.31	23.28	25.1
Channel				631000	633332	635666	25.1
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.31	23.28	23.17	25.1
Channel				630834	633332	635832	25.1
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.17	23.17	23.17	25.1
Channel				630668	633332	636000	25.1
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.21	23.27	23.24	25.1
Channel				630500	633332	636166	25.1
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.27	23.30	23.22	25.1
Channel				630334	633332	636332	25.1
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.21	23.22	23.24	25.1



<FR1 n77 Ant 6 TX0 Index 6> (Part 27Q)

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		24.8
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.25		24.8
100	PI/2 BPSK	1	137		23.33		
100	PI/2 BPSK	1	271		23.16		
100	PI/2 BPSK	135	0		23.08		24.6
100	PI/2 BPSK	135	69		23.31		24.8
100	PI/2 BPSK	135	138		23.05		24.6
100	PI/2 BPSK	270	0		22.73		
100	QPSK	1	1		23.32		24.8
100	QPSK	1	137		23.28		
100	QPSK	1	271		23.15		
100	QPSK	135	0		22.52		24.1
100	QPSK	135	69		23.29		24.8
100	QPSK	135	138		22.54		24.1
100	QPSK	270	0		22.20		24.1
100	16QAM	1	1		22.43		24.1
100	64QAM	1	1		20.88		22.6
100	256QAM	1	1		18.70		20.6
Channel				633000	633332	633666	24.8
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.20	23.29	23.27	24.8
Channel				632668	633332	634000	24.8
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.21	23.15	23.29	24.8
Channel				632334	633332	634332	24.8
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.28	23.20	23.18	24.8
Channel				632000	633332	634666	24.8
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.16	23.25	23.29	24.8
Channel				631668	633332	635000	24.8
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.28	23.27	23.30	24.8
Channel				631334	633332	635332	24.8
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.18	23.31	23.28	24.8
Channel				631000	633332	635666	24.8
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.31	23.28	23.17	24.8
Channel				630834	633332	635832	24.8
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.17	23.17	23.17	24.8
Channel				630668	633332	636000	24.8
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.21	23.27	23.24	24.8
Channel				630500	633332	636166	24.8
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.27	23.30	23.22	24.8
Channel				630334	633332	636332	24.8
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.21	23.22	23.24	24.8



<FR1 n77 Ant 6 TX0 Index 7/8> (Part 27Q)

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		25.1
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.25		25.1
100	PI/2 BPSK	1	137		23.33		
100	PI/2 BPSK	1	271		23.16		
100	PI/2 BPSK	135	0		23.08		24.6
100	PI/2 BPSK	135	69		23.31		25.1
100	PI/2 BPSK	135	138		23.05		24.6
100	PI/2 BPSK	270	0		22.73		
100	QPSK	1	1		23.32		25.1
100	QPSK	1	137		23.28		
100	QPSK	1	271		23.15		
100	QPSK	135	0		22.52		24.1
100	QPSK	135	69		23.29		25.1
100	QPSK	135	138		22.54		24.1
100	QPSK	270	0		22.20		24.1
100	16QAM	1	1		22.43		24.1
100	64QAM	1	1		20.88		22.6
100	256QAM	1	1		18.70		20.6
Channel				633000	633332	633666	25.1
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.20	23.29	23.27	25.1
Channel				632668	633332	634000	25.1
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.21	23.15	23.29	25.1
Channel				632334	633332	634332	25.1
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.28	23.20	23.18	25.1
Channel				632000	633332	634666	25.1
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.16	23.25	23.29	25.1
Channel				631668	633332	635000	25.1
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.28	23.27	23.30	25.1
Channel				631334	633332	635332	25.1
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.18	23.31	23.28	25.1
Channel				631000	633332	635666	25.1
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.31	23.28	23.17	25.1
Channel				630834	633332	635832	25.1
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.17	23.17	23.17	25.1
Channel				630668	633332	636000	25.1
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.21	23.27	23.24	25.1
Channel				630500	633332	636166	25.1
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.27	23.30	23.22	25.1
Channel				630334	633332	636332	25.1
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.21	23.22	23.24	25.1



<FR1 n77 Ant 6 TX0 Index 9> (Part 27Q)

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		19.50		19.9
100	PI/2 BPSK	1	137		19.56		
100	PI/2 BPSK	1	271		17.92		
100	PI/2 BPSK	135	0		19.68		19.9
100	PI/2 BPSK	135	69		19.69		19.9
100	PI/2 BPSK	135	138		18.88		19.9
100	PI/2 BPSK	270	0		19.39		
100	QPSK	1	1		19.55		
100	QPSK	1	137		19.54		19.9
100	QPSK	1	271		17.97		
100	QPSK	135	0		19.67		
100	QPSK	135	69		19.57		19.9
100	QPSK	135	138		18.98		19.9
100	QPSK	270	0		19.45		19.9
100	16QAM	1	1		19.56		19.9
100	64QAM	1	1		19.46		19.9
100	256QAM	1	1		18.94		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.46	19.32	19.46	19.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.38	19.37	19.38	19.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.31	19.38	19.38	19.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.39	19.50	19.37	19.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.44	19.48	19.30	19.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.50	19.30	19.38	19.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.39	19.34	19.42	19.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.50	19.42	19.50	19.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.32	19.46	19.42	19.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.39	19.46	19.34	19.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.50	19.49	19.37	19.9



<FR1 n77 Ant 6 TX0 Index 10> (Part 27Q)

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		19.50		20.7
100	PI/2 BPSK	1	137		19.56		
100	PI/2 BPSK	1	271		18.92		
100	PI/2 BPSK	135	0		19.68		20.7
100	PI/2 BPSK	135	69		19.69		20.7
100	PI/2 BPSK	135	138		18.88		20.7
100	PI/2 BPSK	270	0		19.39		
100	QPSK	1	1		19.55		
100	QPSK	1	137		19.54		20.7
100	QPSK	1	271		18.97		
100	QPSK	135	0		19.67		
100	QPSK	135	69		19.57		20.7
100	QPSK	135	138		18.98		20.7
100	QPSK	270	0		19.45		20.7
100	16QAM	1	1		19.56		20.7
100	64QAM	1	1		19.46		20.7
100	256QAM	1	1		18.94		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.46	19.32	19.46	20.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.38	19.37	19.38	20.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.31	19.38	19.38	20.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.39	19.50	19.37	20.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.44	19.48	19.30	20.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.50	19.30	19.38	20.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.39	19.34	19.42	20.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.50	19.42	19.50	20.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.32	19.46	19.42	20.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.39	19.46	19.34	20.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.50	19.49	19.37	20.7



<FR1 n77 Ant 6 TX0 Index 11> (Part 27Q)

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		19.50		19.9
100	PI/2 BPSK	1	137		19.56		
100	PI/2 BPSK	1	271		18.92		
100	PI/2 BPSK	135	0		19.68		19.9
100	PI/2 BPSK	135	69		19.69		19.9
100	PI/2 BPSK	135	138		18.88		19.9
100	PI/2 BPSK	270	0		19.39		
100	QPSK	1	1		19.55		19.9
100	QPSK	1	137		19.54		
100	QPSK	1	271		18.97		
100	QPSK	135	0		19.67		19.9
100	QPSK	135	69		19.57		19.9
100	QPSK	135	138		18.98		19.9
100	QPSK	270	0		19.45		19.9
100	16QAM	1	1		19.56		19.9
100	64QAM	1	1		19.46		19.9
100	256QAM	1	1		18.94		19.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.46	19.32	19.46	19.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.38	19.37	19.38	19.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.31	19.38	19.38	19.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.39	19.50	19.37	19.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.44	19.48	19.30	19.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.50	19.30	19.38	19.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.39	19.34	19.42	19.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.50	19.42	19.50	19.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.32	19.46	19.42	19.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.39	19.46	19.34	19.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.50	19.49	19.37	19.9



<FR1 n77 HPUE Ant 6 TX0 Index 2/3> (Part 270)

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	27.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.37	25.97	25.85	27.1
100	PI/2 BPSK	1	137	26.40	26.15	25.87	
100	PI/2 BPSK	1	271	26.36	25.98	25.88	
100	PI/2 BPSK	135	0	25.93	25.75	25.56	26.6
100	PI/2 BPSK	135	69	26.39	26.15	25.85	27.1
100	PI/2 BPSK	135	138	25.46	25.52	25.08	26.6
100	PI/2 BPSK	270	0	25.66	25.59	25.20	
100	QPSK	1	1	26.34	25.97	25.82	27.1
100	QPSK	1	137	26.38	26.18	25.85	
100	QPSK	1	271	26.36	26.00	25.89	
100	QPSK	135	0	25.45	25.26	25.06	26.1
100	QPSK	135	69	26.38	26.15	25.84	27.1
100	QPSK	135	138	24.95	25.02	24.59	26.1
100	QPSK	270	0	25.15	25.08	24.68	26.1
100	16QAM	1	1	25.36	24.99	24.78	26.1
100	64QAM	1	1	23.79	23.39	23.28	24.6
100	256QAM	1	1	21.83	21.44	21.21	22.6
Channel				649668	656000	662332	27.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.36	26.07	25.78	27.1
Channel				649334	656000	662666	27.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.30	25.91	25.76	27.1
Channel				649000	656000	663000	27.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.33	26.07	25.78	27.1
Channel				648668	656000	663332	27.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.37	26.06	25.78	27.1
Channel				648334	656000	663666	27.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.34	26.07	25.95	27.1
Channel				648000	656000	664000	27.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.31	25.90	25.85	27.1
Channel				647668	656000	664332	27.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	26.29	25.96	25.77	27.1
Channel				647500	656000	664500	27.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	26.33	25.94	25.76	27.1
Channel				647334	656000	664666	27.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.28	25.94	25.76	27.1
Channel				647168	656000	664832	27.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.32	25.90	25.95	27.1
Channel				647000	656000	665000	27.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.30	25.89	25.85	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 4> (Part 270)

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	27.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.37	25.97	25.85	27.1
100	PI/2 BPSK	1	137	26.40	26.15	25.87	
100	PI/2 BPSK	1	271	26.36	25.98	25.88	
100	PI/2 BPSK	135	0	25.93	25.75	25.56	26.6
100	PI/2 BPSK	135	69	26.39	26.15	25.85	27.1
100	PI/2 BPSK	135	138	25.46	25.52	25.08	26.6
100	PI/2 BPSK	270	0	25.66	25.59	25.20	
100	QPSK	1	1	26.34	25.97	25.82	27.1
100	QPSK	1	137	26.38	26.18	25.85	
100	QPSK	1	271	26.36	26.00	25.89	
100	QPSK	135	0	25.45	25.26	25.06	26.1
100	QPSK	135	69	26.38	26.15	25.84	27.1
100	QPSK	135	138	24.95	25.02	24.59	26.1
100	QPSK	270	0	25.15	25.08	24.68	26.1
100	16QAM	1	1	25.36	24.99	24.78	26.1
100	64QAM	1	1	23.79	23.39	23.28	24.6
100	256QAM	1	1	21.83	21.44	21.21	22.6
Channel				649668	656000	662332	27.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.36	26.07	25.78	27.1
Channel				649334	656000	662666	27.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.30	25.91	25.76	27.1
Channel				649000	656000	663000	27.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.33	26.07	25.78	27.1
Channel				648668	656000	663332	27.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.37	26.06	25.78	27.1
Channel				648334	656000	663666	27.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.34	26.07	25.95	27.1
Channel				648000	656000	664000	27.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.31	25.90	25.85	27.1
Channel				647668	656000	664332	27.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	26.29	25.96	25.77	27.1
Channel				647500	656000	664500	27.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	26.33	25.94	25.76	27.1
Channel				647334	656000	664666	27.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.28	25.94	25.76	27.1
Channel				647168	656000	664832	27.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.32	25.90	25.95	27.1
Channel				647000	656000	665000	27.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.30	25.89	25.85	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 5> (Part 270)

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	27.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.37	25.97	25.85	27.1
100	PI/2 BPSK	1	137	26.40	26.15	25.87	
100	PI/2 BPSK	1	271	26.36	25.98	25.88	
100	PI/2 BPSK	135	0	25.93	25.75	25.56	26.6
100	PI/2 BPSK	135	69	26.39	26.15	25.85	27.1
100	PI/2 BPSK	135	138	25.46	25.52	25.08	26.6
100	PI/2 BPSK	270	0	25.66	25.59	25.20	
100	QPSK	1	1	26.34	25.97	25.82	27.1
100	QPSK	1	137	26.38	26.18	25.85	
100	QPSK	1	271	26.36	26.00	25.89	
100	QPSK	135	0	25.45	25.26	25.06	26.1
100	QPSK	135	69	26.38	26.15	25.84	27.1
100	QPSK	135	138	24.95	25.02	24.59	26.1
100	QPSK	270	0	25.15	25.08	24.68	26.1
100	16QAM	1	1	25.36	24.99	24.78	26.1
100	64QAM	1	1	23.79	23.39	23.28	24.6
100	256QAM	1	1	21.83	21.44	21.21	22.6
Channel				649668	656000	662332	27.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.36	26.07	25.78	27.1
Channel				649334	656000	662666	27.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.30	25.91	25.76	27.1
Channel				649000	656000	663000	27.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.33	26.07	25.78	27.1
Channel				648668	656000	663332	27.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.37	26.06	25.78	27.1
Channel				648334	656000	663666	27.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.34	26.07	25.95	27.1
Channel				648000	656000	664000	27.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.31	25.90	25.85	27.1
Channel				647668	656000	664332	27.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	26.29	25.96	25.77	27.1
Channel				647500	656000	664500	27.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	26.33	25.94	25.76	27.1
Channel				647334	656000	664666	27.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.28	25.94	25.76	27.1
Channel				647168	656000	664832	27.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.32	25.90	25.95	27.1
Channel				647000	656000	665000	27.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.30	25.89	25.85	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 6> (Part 270)

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	27.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.37	25.97	25.85	27.1
100	PI/2 BPSK	1	137	26.40	26.15	25.87	
100	PI/2 BPSK	1	271	26.36	25.98	25.88	
100	PI/2 BPSK	135	0	25.93	25.75	25.56	26.6
100	PI/2 BPSK	135	69	26.39	26.15	25.85	27.1
100	PI/2 BPSK	135	138	25.46	25.52	25.08	26.6
100	PI/2 BPSK	270	0	25.66	25.59	25.20	
100	QPSK	1	1	26.34	25.97	25.82	27.1
100	QPSK	1	137	26.38	26.18	25.85	
100	QPSK	1	271	26.36	26.00	25.89	
100	QPSK	135	0	25.45	25.26	25.06	26.1
100	QPSK	135	69	26.38	26.15	25.84	27.1
100	QPSK	135	138	24.95	25.02	24.59	26.1
100	QPSK	270	0	25.15	25.08	24.68	26.1
100	16QAM	1	1	25.36	24.99	24.78	26.1
100	64QAM	1	1	23.79	23.39	23.28	24.6
100	256QAM	1	1	21.83	21.44	21.21	22.6
Channel				649668	656000	662332	27.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.36	26.07	25.78	27.1
Channel				649334	656000	662666	27.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.30	25.91	25.76	27.1
Channel				649000	656000	663000	27.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.33	26.07	25.78	27.1
Channel				648668	656000	663332	27.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.37	26.06	25.78	27.1
Channel				648334	656000	663666	27.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.34	26.07	25.95	27.1
Channel				648000	656000	664000	27.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.31	25.90	25.85	27.1
Channel				647668	656000	664332	27.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	26.29	25.96	25.77	27.1
Channel				647500	656000	664500	27.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	26.33	25.94	25.76	27.1
Channel				647334	656000	664666	27.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.28	25.94	25.76	27.1
Channel				647168	656000	664832	27.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.32	25.90	25.95	27.1
Channel				647000	656000	665000	27.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.30	25.89	25.85	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 7/8> (Part 270)

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	27.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.37	25.97	25.85	27.1
100	PI/2 BPSK	1	137	26.40	26.15	25.87	
100	PI/2 BPSK	1	271	26.36	25.98	25.88	
100	PI/2 BPSK	135	0	25.93	25.75	25.56	26.6
100	PI/2 BPSK	135	69	26.39	26.15	25.85	27.1
100	PI/2 BPSK	135	138	25.46	25.52	25.08	26.6
100	PI/2 BPSK	270	0	25.66	25.59	25.20	
100	QPSK	1	1	26.34	25.97	25.82	27.1
100	QPSK	1	137	26.38	26.18	25.85	
100	QPSK	1	271	26.36	26.00	25.89	
100	QPSK	135	0	25.45	25.26	25.06	26.1
100	QPSK	135	69	26.38	26.15	25.84	27.1
100	QPSK	135	138	24.95	25.02	24.59	26.1
100	QPSK	270	0	25.15	25.08	24.68	26.1
100	16QAM	1	1	25.36	24.99	24.78	26.1
100	64QAM	1	1	23.79	23.39	23.28	24.6
100	256QAM	1	1	21.83	21.44	21.21	22.6
Channel				649668	656000	662332	27.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.36	26.07	25.78	27.1
Channel				649334	656000	662666	27.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.30	25.91	25.76	27.1
Channel				649000	656000	663000	27.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.33	26.07	25.78	27.1
Channel				648668	656000	663332	27.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.37	26.06	25.78	27.1
Channel				648334	656000	663666	27.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.34	26.07	25.95	27.1
Channel				648000	656000	664000	27.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.31	25.90	25.85	27.1
Channel				647668	656000	664332	27.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	26.29	25.96	25.77	27.1
Channel				647500	656000	664500	27.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	26.33	25.94	25.76	27.1
Channel				647334	656000	664666	27.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.28	25.94	25.76	27.1
Channel				647168	656000	664832	27.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.32	25.90	25.95	27.1
Channel				647000	656000	665000	27.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.30	25.89	25.85	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 9> (Part 270)

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	22.9
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.18	21.93	21.72	22.9
100	PI/2 BPSK	1	137	22.23	21.98	21.78	
100	PI/2 BPSK	1	271	22.19	21.94	21.71	
100	PI/2 BPSK	135	0	22.17	21.91	21.91	22.9
100	PI/2 BPSK	135	69	22.20	21.96	21.73	22.9
100	PI/2 BPSK	135	138	22.01	21.84	21.70	22.9
100	PI/2 BPSK	270	0	22.14	21.91	21.70	
100	QPSK	1	1	22.06	21.90	21.76	22.9
100	QPSK	1	137	22.18	21.94	21.74	
100	QPSK	1	271	22.08	21.92	21.78	
100	QPSK	135	0	22.20	22.10	21.85	22.9
100	QPSK	135	69	22.16	21.96	21.75	22.9
100	QPSK	135	138	22.05	21.84	21.74	22.9
100	QPSK	270	0	22.18	21.94	21.73	22.9
100	16QAM	1	1	22.15	21.90	21.72	22.9
100	64QAM	1	1	22.02	21.86	21.78	22.9
100	256QAM	1	1	21.75	21.55	21.28	22.6
Channel				649668	656000	662332	22.9
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.06	21.73	21.77	22.9
Channel				649334	656000	662666	22.9
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.12	21.85	21.74	22.9
Channel				649000	656000	663000	22.9
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.05	21.74	21.72	22.9
Channel				648668	656000	663332	22.9
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.11	21.74	21.70	22.9
Channel				648334	656000	663666	22.9
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.00	21.85	21.73	22.9
Channel				648000	656000	664000	22.9
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.18	21.91	21.70	22.9
Channel				647668	656000	664332	22.9
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.99	21.81	21.74	22.9
Channel				647500	656000	664500	22.9
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	21.99	21.91	21.76	22.9
Channel				647334	656000	664666	22.9
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.09	21.79	21.76	22.9
Channel				647168	656000	664832	22.9
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.06	21.83	21.73	22.9
Channel				647000	656000	665000	22.9
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.09	21.81	21.74	22.9



<FR1 n77 HPUE Ant 6 TX0 Index 10> (Part 270)

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	23.7
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.18	21.93	21.72	23.7
100	PI/2 BPSK	1	137	22.23	21.98	21.78	
100	PI/2 BPSK	1	271	22.19	21.94	21.71	
100	PI/2 BPSK	135	0	22.21	21.94	21.91	23.7
100	PI/2 BPSK	135	69	22.20	21.96	21.73	23.7
100	PI/2 BPSK	135	138	22.01	21.84	21.70	23.7
100	PI/2 BPSK	270	0	22.14	21.91	21.70	
100	QPSK	1	1	22.06	21.90	21.76	23.7
100	QPSK	1	137	22.18	21.94	21.74	
100	QPSK	1	271	22.08	21.92	21.78	
100	QPSK	135	0	22.20	22.10	21.85	23.7
100	QPSK	135	69	22.16	21.96	21.75	23.7
100	QPSK	135	138	22.05	21.84	21.74	23.7
100	QPSK	270	0	22.18	21.94	21.73	23.7
100	16QAM	1	1	22.15	21.90	21.72	23.7
100	64QAM	1	1	22.02	21.86	21.78	23.7
100	256QAM	1	1	21.75	21.55	21.48	23.4
Channel				649668	656000	662332	23.7
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.06	21.73	21.77	23.7
Channel				649334	656000	662666	23.7
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.12	21.85	21.74	23.7
Channel				649000	656000	663000	23.7
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.05	21.74	21.72	23.7
Channel				648668	656000	663332	23.7
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.11	21.74	21.70	23.7
Channel				648334	656000	663666	23.7
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.00	21.85	21.73	23.7
Channel				648000	656000	664000	23.7
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.18	21.91	21.70	23.7
Channel				647668	656000	664332	23.7
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.99	21.81	21.74	23.7
Channel				647500	656000	664500	23.7
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	21.99	21.91	21.76	23.7
Channel				647334	656000	664666	23.7
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.09	21.79	21.76	23.7
Channel				647168	656000	664832	23.7
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.06	21.83	21.73	23.7
Channel				647000	656000	665000	23.7
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.09	21.81	21.74	23.7



<FR1 n77 HPUE Ant 6 TX0 Index 11> (Part 270)

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	22.9
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.18	21.93	21.72	22.9
100	PI/2 BPSK	1	137	22.23	21.98	21.78	
100	PI/2 BPSK	1	271	22.19	21.94	21.71	
100	PI/2 BPSK	135	0	22.21	21.94	21.91	22.9
100	PI/2 BPSK	135	69	22.20	21.96	21.73	22.9
100	PI/2 BPSK	135	138	22.01	21.84	21.70	22.9
100	PI/2 BPSK	270	0	22.14	21.91	21.70	
100	QPSK	1	1	22.06	21.90	21.76	22.9
100	QPSK	1	137	22.18	21.94	21.74	
100	QPSK	1	271	22.08	21.92	21.78	
100	QPSK	135	0	22.20	22.10	21.85	22.9
100	QPSK	135	69	22.16	21.96	21.75	22.9
100	QPSK	135	138	22.05	21.84	21.74	22.9
100	QPSK	270	0	22.18	21.94	21.73	22.9
100	16QAM	1	1	22.15	21.90	21.72	22.9
100	64QAM	1	1	22.02	21.86	21.78	22.9
100	256QAM	1	1	21.75	21.55	21.48	22.6
Channel				649668	656000	662332	22.9
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.06	21.73	21.77	22.9
Channel				649334	656000	662666	22.9
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.12	21.85	21.74	22.9
Channel				649000	656000	663000	22.9
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.05	21.74	21.72	22.9
Channel				648668	656000	663332	22.9
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.11	21.74	21.70	22.9
Channel				648334	656000	663666	22.9
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.00	21.85	21.73	22.9
Channel				648000	656000	664000	22.9
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.18	21.91	21.70	22.9
Channel				647668	656000	664332	22.9
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.99	21.81	21.74	22.9
Channel				647500	656000	664500	22.9
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	21.99	21.91	21.76	22.9
Channel				647334	656000	664666	22.9
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.09	21.79	21.76	22.9
Channel				647168	656000	664832	22.9
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.06	21.83	21.73	22.9
Channel				647000	656000	665000	22.9
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.09	21.81	21.74	22.9



<FR1 n77 HPUE Ant 6 TX0 Index 2/3> (Part 27Q)

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		25.39		27.1
100	PI/2 BPSK	1	137		25.89		
100	PI/2 BPSK	1	271		25.25		
100	PI/2 BPSK	135	0		25.77		26.6
100	PI/2 BPSK	135	69		25.88		27.1
100	PI/2 BPSK	135	138		24.81		26.6
100	PI/2 BPSK	270	0		25.44		
100	QPSK	1	1		25.86		27.1
100	QPSK	1	137		25.88		
100	QPSK	1	271		25.38		
100	QPSK	135	0		25.24		26.1
100	QPSK	135	69		25.88		27.1
100	QPSK	135	138		24.27		26.1
100	QPSK	270	0		24.80		26.1
100	16QAM	1	1		24.43		26.1
100	64QAM	1	1		22.82		24.6
100	256QAM	1	1		20.72		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.31	25.43	25.37	27.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.47	25.38	25.38	27.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.30	25.47	25.47	27.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.47	25.29	25.45	27.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.45	25.42	25.38	27.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.43	25.47	25.41	27.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.32	25.42	25.39	27.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.30	25.42	25.46	27.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.47	25.29	25.43	27.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.46	25.35	25.45	27.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.36	25.37	25.46	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 4> (Part 27Q)

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		27.1
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.39		27.1
100	PI/2 BPSK	1	137		25.89		
100	PI/2 BPSK	1	271		25.25		
100	PI/2 BPSK	135	0		25.77		26.6
100	PI/2 BPSK	135	69		25.88		27.1
100	PI/2 BPSK	135	138		24.81		26.6
100	PI/2 BPSK	270	0		25.44		
100	QPSK	1	1		25.86		27.1
100	QPSK	1	137		25.88		
100	QPSK	1	271		25.38		
100	QPSK	135	0		25.24		26.1
100	QPSK	135	69		25.88		27.1
100	QPSK	135	138		24.27		26.1
100	QPSK	270	0		24.80		26.1
100	16QAM	1	1		24.43		26.1
100	64QAM	1	1		22.82		24.6
100	256QAM	1	1		20.72		22.6
Channel				633000	633332	633666	27.1
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.31	25.43	25.37	27.1
Channel				632668	633332	634000	27.1
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.47	25.38	25.38	27.1
Channel				632334	633332	634332	27.1
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.30	25.47	25.47	27.1
Channel				632000	633332	634666	27.1
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.47	25.29	25.45	27.1
Channel				631668	633332	635000	27.1
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.45	25.42	25.38	27.1
Channel				631334	633332	635332	27.1
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.43	25.47	25.41	27.1
Channel				631000	633332	635666	27.1
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.32	25.42	25.39	27.1
Channel				630834	633332	635832	27.1
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.30	25.42	25.46	27.1
Channel				630668	633332	636000	27.1
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.47	25.29	25.43	27.1
Channel				630500	633332	636166	27.1
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.46	25.35	25.45	27.1
Channel				630334	633332	636332	27.1
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.36	25.37	25.46	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 5> (Part 27Q)

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		25.39		27.1
100	PI/2 BPSK	1	137		25.89		
100	PI/2 BPSK	1	271		25.25		
100	PI/2 BPSK	135	0		25.77		26.6
100	PI/2 BPSK	135	69		25.88		27.1
100	PI/2 BPSK	135	138		24.81		26.6
100	PI/2 BPSK	270	0		25.44		
100	QPSK	1	1		25.86		27.1
100	QPSK	1	137		25.88		
100	QPSK	1	271		25.38		
100	QPSK	135	0		25.24		26.1
100	QPSK	135	69		25.88		27.1
100	QPSK	135	138		24.27		26.1
100	QPSK	270	0		24.80		26.1
100	16QAM	1	1		24.43		26.1
100	64QAM	1	1		22.82		24.6
100	256QAM	1	1		20.72		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.31	25.43	25.37	27.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.47	25.38	25.38	27.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.30	25.47	25.47	27.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.47	25.29	25.45	27.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.45	25.42	25.38	27.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.43	25.47	25.41	27.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.32	25.42	25.39	27.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.30	25.42	25.46	27.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.47	25.29	25.43	27.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.46	25.35	25.45	27.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.36	25.37	25.46	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 6> (Part 27Q)

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		27.1
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.39		27.1
100	PI/2 BPSK	1	137		25.89		
100	PI/2 BPSK	1	271		25.25		
100	PI/2 BPSK	135	0		25.77		26.6
100	PI/2 BPSK	135	69		25.88		27.1
100	PI/2 BPSK	135	138		24.81		26.6
100	PI/2 BPSK	270	0		25.44		
100	QPSK	1	1		25.86		27.1
100	QPSK	1	137		25.88		
100	QPSK	1	271		25.38		
100	QPSK	135	0		25.24		26.1
100	QPSK	135	69		25.88		27.1
100	QPSK	135	138		24.27		26.1
100	QPSK	270	0		24.80		26.1
100	16QAM	1	1		24.43		26.1
100	64QAM	1	1		22.82		24.6
100	256QAM	1	1		20.72		22.6
Channel				633000	633332	633666	27.1
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.31	25.43	25.37	27.1
Channel				632668	633332	634000	27.1
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.47	25.38	25.38	27.1
Channel				632334	633332	634332	27.1
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.30	25.47	25.47	27.1
Channel				632000	633332	634666	27.1
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.47	25.29	25.45	27.1
Channel				631668	633332	635000	27.1
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.45	25.42	25.38	27.1
Channel				631334	633332	635332	27.1
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.43	25.47	25.41	27.1
Channel				631000	633332	635666	27.1
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.32	25.42	25.39	27.1
Channel				630834	633332	635832	27.1
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.30	25.42	25.46	27.1
Channel				630668	633332	636000	27.1
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.47	25.29	25.43	27.1
Channel				630500	633332	636166	27.1
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.46	25.35	25.45	27.1
Channel				630334	633332	636332	27.1
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.36	25.37	25.46	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 7/8> (Part 27Q)

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		27.1
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.39		27.1
100	PI/2 BPSK	1	137		25.89		
100	PI/2 BPSK	1	271		25.25		
100	PI/2 BPSK	135	0		25.77		26.6
100	PI/2 BPSK	135	69		25.88		27.1
100	PI/2 BPSK	135	138		24.81		26.6
100	PI/2 BPSK	270	0		25.44		
100	QPSK	1	1		25.86		27.1
100	QPSK	1	137		25.88		
100	QPSK	1	271		25.38		
100	QPSK	135	0		25.24		26.1
100	QPSK	135	69		25.88		27.1
100	QPSK	135	138		24.27		26.1
100	QPSK	270	0		24.80		26.1
100	16QAM	1	1		24.43		26.1
100	64QAM	1	1		22.82		24.6
100	256QAM	1	1		20.72		22.6
Channel				633000	633332	633666	27.1
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.31	25.43	25.37	27.1
Channel				632668	633332	634000	27.1
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.47	25.38	25.38	27.1
Channel				632334	633332	634332	27.1
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.30	25.47	25.47	27.1
Channel				632000	633332	634666	27.1
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.47	25.29	25.45	27.1
Channel				631668	633332	635000	27.1
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.45	25.42	25.38	27.1
Channel				631334	633332	635332	27.1
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.43	25.47	25.41	27.1
Channel				631000	633332	635666	27.1
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.32	25.42	25.39	27.1
Channel				630834	633332	635832	27.1
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.30	25.42	25.46	27.1
Channel				630668	633332	636000	27.1
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.47	25.29	25.43	27.1
Channel				630500	633332	636166	27.1
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.46	25.35	25.45	27.1
Channel				630334	633332	636332	27.1
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.36	25.37	25.46	27.1



<FR1 n77 HPUE Ant 6 TX0 Index 9> (Part 27Q)

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		22.9
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.89		22.9
100	PI/2 BPSK	1	137		22.33		
100	PI/2 BPSK	1	271		22.31		
100	PI/2 BPSK	135	0		22.24		22.9
100	PI/2 BPSK	135	69		22.32		22.9
100	PI/2 BPSK	135	138		22.12		22.9
100	PI/2 BPSK	270	0		22.31		
100	QPSK	1	1		21.83		22.9
100	QPSK	1	137		22.29		
100	QPSK	1	271		21.86		
100	QPSK	135	0		22.23		22.9
100	QPSK	135	69		22.32		22.9
100	QPSK	135	138		22.14		22.9
100	QPSK	270	0		22.30		22.9
100	16QAM	1	1		21.84		22.9
100	64QAM	1	1		21.85		22.9
100	256QAM	1	1		20.89		22.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.85	21.85	21.89	22.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.89	21.76	21.77	22.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.69	21.75	21.84	22.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.75	21.84	21.73	22.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.73	21.88	21.74	22.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.89	21.86	21.88	22.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.80	21.86	21.88	22.9
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.86	21.85	21.77	22.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.79	21.83	21.85	22.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.85	21.84	21.86	22.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.69	21.71	21.69	22.9



<FR1 n77 HPUE Ant 6 TX0 Index 10> (Part 27Q)

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		21.89		23.7
100	PI/2 BPSK	1	137		22.33		
100	PI/2 BPSK	1	271		22.31		
100	PI/2 BPSK	135	0		22.24		23.7
100	PI/2 BPSK	135	69		22.32		23.7
100	PI/2 BPSK	135	138		22.12		23.7
100	PI/2 BPSK	270	0		22.31		
100	QPSK	1	1		21.83		23.7
100	QPSK	1	137		22.29		
100	QPSK	1	271		21.86		
100	QPSK	135	0		22.23		23.7
100	QPSK	135	69		22.32		23.7
100	QPSK	135	138		22.14		23.7
100	QPSK	270	0		22.30		23.7
100	16QAM	1	1		21.84		23.7
100	64QAM	1	1		21.85		23.7
100	256QAM	1	1		21.89		23.4
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.85	21.85	21.89	23.7
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.89	21.76	21.77	23.7
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.79	21.75	21.84	23.7
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.75	21.84	21.73	23.7
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.73	21.88	21.74	23.7
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.89	21.86	21.88	23.7
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.80	21.86	21.88	23.7
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.86	21.85	21.77	23.7
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.79	21.83	21.85	23.7
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.85	21.84	21.86	23.7
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.89	21.71	21.89	23.7



<FR1 n77 HPUE Ant 6 TX0 Index 11> (Part 27Q)

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		22.9
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.89		22.9
100	PI/2 BPSK	1	137		22.33		
100	PI/2 BPSK	1	271		22.31		
100	PI/2 BPSK	135	0		22.24		22.9
100	PI/2 BPSK	135	69		22.32		22.9
100	PI/2 BPSK	135	138		22.12		22.9
100	PI/2 BPSK	270	0		22.31		
100	QPSK	1	1		21.83		22.9
100	QPSK	1	137		22.29		
100	QPSK	1	271		21.86		
100	QPSK	135	0		22.23		22.9
100	QPSK	135	69		22.32		22.9
100	QPSK	135	138		22.14		22.9
100	QPSK	270	0		22.30		22.9
100	16QAM	1	1		21.84		22.9
100	64QAM	1	1		21.85		22.9
100	256QAM	1	1		21.89		22.6
Channel				633000	633332	633666	22.9
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.85	21.85	21.89	22.9
Channel				632668	633332	634000	22.9
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.89	21.76	21.77	22.9
Channel				632334	633332	634332	22.9
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.89	21.75	21.84	22.9
Channel				632000	633332	634666	22.9
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.75	21.84	21.73	22.9
Channel				631668	633332	635000	22.9
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.73	21.88	21.74	22.9
Channel				631334	633332	635332	22.9
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.89	21.86	21.88	22.9
Channel				631000	633332	635666	22.9
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.80	21.86	21.88	22.9
Channel				630834	633332	635832	22.9
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.86	21.85	21.77	22.9
Channel				630668	633332	636000	22.9
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.79	21.83	21.85	22.9
Channel				630500	633332	636166	22.9
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.85	21.84	21.86	22.9
Channel				630334	633332	636332	22.9
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.89	21.71	21.89	22.9



<FR1 n77 Ant 2 TX1 Index 2/3> (Part 270)

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	25.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.04	23.67	23.83	
100	PI/2 BPSK	1	137	23.88	23.70	24.21	24.6
100	PI/2 BPSK	1	271	23.69	23.63	23.83	
100	PI/2 BPSK	135	0	23.51	23.14	23.76	25.1
100	PI/2 BPSK	135	69	23.85	23.59	24.16	
100	PI/2 BPSK	135	138	22.92	23.21	23.16	24.6
100	PI/2 BPSK	270	0	23.34	23.05	23.48	
100	QPSK	1	1	24.02	23.63	23.79	25.1
100	QPSK	1	137	23.88	23.58	24.18	
100	QPSK	1	271	23.66	23.66	23.80	
100	QPSK	135	0	22.99	22.61	23.22	24.1
100	QPSK	135	69	23.85	23.56	24.20	25.1
100	QPSK	135	138	22.35	22.63	22.62	24.1
100	QPSK	270	0	22.82	22.48	22.95	24.1
100	16QAM	1	1	23.06	22.63	22.82	24.1
100	64QAM	1	1	21.45	21.06	21.22	22.6
100	256QAM	1	1	19.50	19.10	19.19	20.6
Channel				649668	656000	662332	25.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.94	23.48	23.81	
Channel				649334	656000	662666	25.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.97	23.61	23.77	
Channel				649000	656000	663000	25.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.94	23.57	23.81	
Channel				648668	656000	663332	25.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.99	23.47	23.73	
Channel				648334	656000	663666	25.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.98	23.51	23.72	
Channel				648000	656000	664000	25.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.86	23.63	23.73	
Channel				647668	656000	664332	25.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.03	23.47	23.69	
Channel				647500	656000	664500	25.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.04	23.63	23.75	
Channel				647334	656000	664666	25.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.99	23.48	23.78	
Channel				647168	656000	664832	25.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.99	23.59	23.63	
Channel				647000	656000	665000	25.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.98	23.64	23.75	



<FR1 n77 Ant 2 TX1 Index 4> (Part 270)

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	24.3
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.04	23.67	23.83	24.3
100	PI/2 BPSK	1	137	23.88	23.70	24.21	
100	PI/2 BPSK	1	271	23.69	23.63	23.83	
100	PI/2 BPSK	135	0	23.51	23.14	23.76	24.3
100	PI/2 BPSK	135	69	23.85	23.59	24.16	24.3
100	PI/2 BPSK	135	138	22.92	23.21	23.16	24.3
100	PI/2 BPSK	270	0	23.34	23.05	23.48	
100	QPSK	1	1	24.02	23.63	23.79	24.3
100	QPSK	1	137	23.88	23.58	24.18	
100	QPSK	1	271	23.66	23.66	23.80	
100	QPSK	135	0	22.99	22.61	23.22	24.1
100	QPSK	135	69	23.85	23.56	24.20	24.3
100	QPSK	135	138	22.35	22.63	22.62	24.1
100	QPSK	270	0	22.82	22.48	22.95	24.1
100	16QAM	1	1	23.06	22.63	22.82	24.1
100	64QAM	1	1	21.45	21.06	21.22	22.6
100	256QAM	1	1	19.50	19.10	19.19	20.6
Channel				649668	656000	662332	24.3
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.94	23.48	23.81	24.3
Channel				649334	656000	662666	24.3
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.97	23.61	23.77	24.3
Channel				649000	656000	663000	24.3
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.94	23.57	23.81	24.3
Channel				648668	656000	663332	24.3
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.99	23.47	23.73	24.3
Channel				648334	656000	663666	24.3
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.98	23.51	23.72	24.3
Channel				648000	656000	664000	24.3
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.86	23.63	23.73	24.3
Channel				647668	656000	664332	24.3
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.03	23.47	23.69	24.3
Channel				647500	656000	664500	24.3
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.04	23.63	23.75	24.3
Channel				647334	656000	664666	24.3
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.99	23.48	23.78	24.3
Channel				647168	656000	664832	24.3
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.99	23.59	23.63	24.3
Channel				647000	656000	665000	24.3
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.98	23.64	23.75	24.3



<FR1 n77 Ant 2 TX1 Index 5> (Part 270)

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	25.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.04	23.67	23.83	25.1
100	PI/2 BPSK	1	137	23.88	23.70	24.21	
100	PI/2 BPSK	1	271	23.69	23.63	23.83	
100	PI/2 BPSK	135	0	23.51	23.14	23.76	24.6
100	PI/2 BPSK	135	69	23.85	23.59	24.16	25.1
100	PI/2 BPSK	135	138	22.92	23.21	23.16	24.6
100	PI/2 BPSK	270	0	23.34	23.05	23.48	
100	QPSK	1	1	24.02	23.63	23.79	25.1
100	QPSK	1	137	23.88	23.58	24.18	
100	QPSK	1	271	23.66	23.66	23.80	
100	QPSK	135	0	22.99	22.61	23.22	24.1
100	QPSK	135	69	23.85	23.56	24.20	25.1
100	QPSK	135	138	22.35	22.63	22.62	24.1
100	QPSK	270	0	22.82	22.48	22.95	24.1
100	16QAM	1	1	23.06	22.63	22.82	24.1
100	64QAM	1	1	21.45	21.06	21.22	22.6
100	256QAM	1	1	19.50	19.10	19.19	20.6
Channel				649668	656000	662332	25.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.94	23.48	23.81	25.1
Channel				649334	656000	662666	25.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.97	23.61	23.77	25.1
Channel				649000	656000	663000	25.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.94	23.57	23.81	25.1
Channel				648668	656000	663332	25.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.99	23.47	23.73	25.1
Channel				648334	656000	663666	25.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.98	23.51	23.72	25.1
Channel				648000	656000	664000	25.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.86	23.63	23.73	25.1
Channel				647668	656000	664332	25.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.03	23.47	23.69	25.1
Channel				647500	656000	664500	25.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.04	23.63	23.75	25.1
Channel				647334	656000	664666	25.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.99	23.48	23.78	25.1
Channel				647168	656000	664832	25.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.99	23.59	23.63	25.1
Channel				647000	656000	665000	25.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.98	23.64	23.75	25.1



<FR1 n77 Ant 2 TX1 Index 6> (Part 270)

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	25.0
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.04	23.67	23.83	25.0
100	PI/2 BPSK	1	137	23.88	23.70	24.21	
100	PI/2 BPSK	1	271	23.69	23.63	23.83	
100	PI/2 BPSK	135	0	23.51	23.14	23.76	24.6
100	PI/2 BPSK	135	69	23.85	23.59	24.16	25.0
100	PI/2 BPSK	135	138	22.92	23.21	23.16	24.6
100	PI/2 BPSK	270	0	23.34	23.05	23.48	
100	QPSK	1	1	24.02	23.63	23.79	25.0
100	QPSK	1	137	23.88	23.58	24.18	
100	QPSK	1	271	23.66	23.66	23.80	
100	QPSK	135	0	22.99	22.61	23.22	24.1
100	QPSK	135	69	23.85	23.56	24.20	25.0
100	QPSK	135	138	22.35	22.63	22.62	24.1
100	QPSK	270	0	22.82	22.48	22.95	24.1
100	16QAM	1	1	23.06	22.63	22.82	24.1
100	64QAM	1	1	21.45	21.06	21.22	22.6
100	256QAM	1	1	19.50	19.10	19.19	20.6
Channel				649668	656000	662332	25.0
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.94	23.48	23.81	25.0
Channel				649334	656000	662666	25.0
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.97	23.61	23.77	25.0
Channel				649000	656000	663000	25.0
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.94	23.57	23.81	25.0
Channel				648668	656000	663332	25.0
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.99	23.47	23.73	25.0
Channel				648334	656000	663666	25.0
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.98	23.51	23.72	25.0
Channel				648000	656000	664000	25.0
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.86	23.63	23.73	25.0
Channel				647668	656000	664332	25.0
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.03	23.47	23.69	25.0
Channel				647500	656000	664500	25.0
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.04	23.63	23.75	25.0
Channel				647334	656000	664666	25.0
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.99	23.48	23.78	25.0
Channel				647168	656000	664832	25.0
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.99	23.59	23.63	25.0
Channel				647000	656000	665000	25.0
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.98	23.64	23.75	25.0



<FR1 n77 Ant 2 TX1 Index 7/8> (Part 270)

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	25.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.04	23.67	23.83	25.1
100	PI/2 BPSK	1	137	23.88	23.70	24.21	
100	PI/2 BPSK	1	271	23.69	23.63	23.83	
100	PI/2 BPSK	135	0	23.51	23.14	23.76	24.6
100	PI/2 BPSK	135	69	23.85	23.59	24.16	25.1
100	PI/2 BPSK	135	138	22.92	23.21	23.16	24.6
100	PI/2 BPSK	270	0	23.34	23.05	23.48	
100	QPSK	1	1	24.02	23.63	23.79	25.1
100	QPSK	1	137	23.88	23.58	24.18	
100	QPSK	1	271	23.66	23.66	23.80	
100	QPSK	135	0	22.99	22.61	23.22	24.1
100	QPSK	135	69	23.85	23.56	24.20	25.1
100	QPSK	135	138	22.35	22.63	22.62	24.1
100	QPSK	270	0	22.82	22.48	22.95	24.1
100	16QAM	1	1	23.06	22.63	22.82	24.1
100	64QAM	1	1	21.45	21.06	21.22	22.6
100	256QAM	1	1	19.50	19.10	19.19	20.6
Channel				649668	656000	662332	25.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.94	23.48	23.81	25.1
Channel				649334	656000	662666	25.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.97	23.61	23.77	25.1
Channel				649000	656000	663000	25.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.94	23.57	23.81	25.1
Channel				648668	656000	663332	25.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.99	23.47	23.73	25.1
Channel				648334	656000	663666	25.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.98	23.51	23.72	25.1
Channel				648000	656000	664000	25.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.86	23.63	23.73	25.1
Channel				647668	656000	664332	25.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.03	23.47	23.69	25.1
Channel				647500	656000	664500	25.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.04	23.63	23.75	25.1
Channel				647334	656000	664666	25.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.99	23.48	23.78	25.1
Channel				647168	656000	664832	25.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.99	23.59	23.63	25.1
Channel				647000	656000	665000	25.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.98	23.64	23.75	25.1



<FR1 n77 Ant 2 TX1 Index 9> (Part 270)

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	21.3
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.79	20.68	20.75	21.3
100	PI/2 BPSK	1	137	20.90	20.71	20.84	
100	PI/2 BPSK	1	271	20.79	20.61	20.69	
100	PI/2 BPSK	135	0	20.71	20.60	20.65	21.3
100	PI/2 BPSK	135	69	20.78	20.62	20.73	21.3
100	PI/2 BPSK	135	138	20.73	20.59	20.71	21.3
100	PI/2 BPSK	270	0	20.57	20.48	20.54	
100	QPSK	1	1	20.82	20.64	20.69	21.3
100	QPSK	1	137	20.59	20.47	20.58	
100	QPSK	1	271	20.65	20.54	20.62	
100	QPSK	135	0	20.72	20.62	20.75	21.3
100	QPSK	135	69	20.66	20.49	20.52	21.3
100	QPSK	135	138	20.73	20.60	20.64	21.3
100	QPSK	270	0	20.68	20.49	20.54	21.3
100	16QAM	1	1	20.74	20.63	20.71	21.3
100	64QAM	1	1	20.68	20.54	20.63	21.3
100	256QAM	1	1	19.50	19.33	19.37	20.6
Channel				649668	656000	662332	21.3
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.60	20.49	20.73	21.3
Channel				649334	656000	662666	21.3
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.70	20.57	20.58	21.3
Channel				649000	656000	663000	21.3
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.74	20.56	20.71	21.3
Channel				648668	656000	663332	21.3
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.68	20.60	20.71	21.3
Channel				648334	656000	663666	21.3
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.77	20.60	20.70	21.3
Channel				648000	656000	664000	21.3
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.64	20.48	20.58	21.3
Channel				647668	656000	664332	21.3
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.62	20.60	20.74	21.3
Channel				647500	656000	664500	21.3
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	20.79	20.52	20.67	21.3
Channel				647334	656000	664666	21.3
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.62	20.51	20.71	21.3
Channel				647168	656000	664832	21.3
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.66	20.58	20.75	21.3
Channel				647000	656000	665000	21.3
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.69	20.60	20.73	21.3



<FR1 n77 Ant 2 TX1 Index 10> (Part 270)

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	22.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.79	20.68	20.75	22.1
100	PI/2 BPSK	1	137	20.90	20.71	20.84	
100	PI/2 BPSK	1	271	20.79	20.61	20.69	
100	PI/2 BPSK	135	0	20.71	20.60	20.65	22.1
100	PI/2 BPSK	135	69	20.78	20.62	20.73	22.1
100	PI/2 BPSK	135	138	20.73	20.59	20.71	22.1
100	PI/2 BPSK	270	0	20.57	20.48	20.54	
100	QPSK	1	1	20.82	20.64	20.69	22.1
100	QPSK	1	137	20.59	20.47	20.58	
100	QPSK	1	271	20.65	20.54	20.62	
100	QPSK	135	0	20.72	20.62	20.75	22.1
100	QPSK	135	69	20.66	20.49	20.52	22.1
100	QPSK	135	138	20.73	20.60	20.64	22.1
100	QPSK	270	0	20.68	20.49	20.54	22.1
100	16QAM	1	1	20.74	20.63	20.71	22.1
100	64QAM	1	1	20.68	20.54	20.63	21.6
100	256QAM	1	1	19.50	19.33	19.37	20.6
Channel				649668	656000	662332	22.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.60	20.49	20.73	22.1
Channel				649334	656000	662666	22.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.70	20.57	20.58	22.1
Channel				649000	656000	663000	22.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.74	20.56	20.71	22.1
Channel				648668	656000	663332	22.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.68	20.60	20.71	22.1
Channel				648334	656000	663666	22.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.77	20.60	20.70	22.1
Channel				648000	656000	664000	22.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.64	20.48	20.58	22.1
Channel				647668	656000	664332	22.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.62	20.60	20.74	22.1
Channel				647500	656000	664500	22.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	20.79	20.52	20.67	22.1
Channel				647334	656000	664666	22.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.62	20.51	20.71	22.1
Channel				647168	656000	664832	22.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.66	20.58	20.75	22.1
Channel				647000	656000	665000	22.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.69	20.60	20.73	22.1