

20	QPSK	50	28	23.34	23.57	23.39	24.00
20	QPSK	50	56	23.46	23.58	23.34	24.00
20	QPSK	100	0	23.52	23.63	23.37	24.00
20	16QAM	1	1	23.31	23.55	23.34	24.00
20	64QAM	1	1	23.35	23.53	23.33	24.00
20	256QAM	1	1	22.26	22.46	22.24	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.62	23.72	23.48	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.57	23.62	23.52	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.64	23.65	23.52	24.00

【FR1 n26_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.66	23.76	23.63	24.00
20	PI/2 BPSK	1	53	23.60	23.71	23.50	24.00
20	PI/2 BPSK	1	104	23.37	23.51	23.34	24.00
20	PI/2 BPSK	50	0	23.50	23.65	23.47	24.00
20	PI/2 BPSK	50	28	23.58	23.69	23.61	24.00
20	PI/2 BPSK	50	56	23.42	23.66	23.42	24.00
20	PI/2 BPSK	100	0	23.48	23.68	23.41	24.00
20	QPSK	1	1	23.43	23.58	23.41	24.00
20	QPSK	1	53	23.39	23.62	23.41	24.00
20	QPSK	1	104	23.36	23.50	23.27	24.00
20	QPSK	50	0	23.41	23.65	23.49	24.00
20	QPSK	50	28	23.34	23.57	23.39	24.00
20	QPSK	50	56	23.46	23.58	23.34	24.00
20	QPSK	100	0	23.52	23.63	23.37	24.00
20	16QAM	1	1	23.31	23.55	23.34	24.00
20	64QAM	1	1	23.35	23.53	23.33	24.00
20	256QAM	1	1	22.26	22.46	22.24	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.64	23.62	23.59	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.72	23.53	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.52	23.69	23.54	24.00

【FR1 n26_Ant 0_DSI 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				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.66	23.76	23.63	24.00
20	PI/2 BPSK	1	53	23.60	23.71	23.50	24.00
20	PI/2 BPSK	1	104	23.37	23.51	23.34	24.00
20	PI/2 BPSK	50	0	23.50	23.65	23.47	24.00
20	PI/2 BPSK	50	28	23.58	23.69	23.61	24.00
20	PI/2 BPSK	50	56	23.42	23.66	23.42	24.00
20	PI/2 BPSK	100	0	23.48	23.68	23.41	24.00
20	QPSK	1	1	23.43	23.58	23.41	24.00
20	QPSK	1	53	23.39	23.62	23.41	24.00
20	QPSK	1	104	23.36	23.50	23.27	24.00
20	QPSK	50	0	23.41	23.65	23.49	24.00
20	QPSK	50	28	23.34	23.57	23.39	24.00
20	QPSK	50	56	23.46	23.58	23.34	24.00
20	QPSK	100	0	23.52	23.63	23.37	24.00
20	16QAM	1	1	23.31	23.55	23.34	24.00

20	64QAM	1	1	23.35	23.53	23.33	24.00
20	256QAM	1	1	22.26	22.46	22.24	23.00
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	23.62	23.72	23.48	24.00
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	23.57	23.62	23.52	24.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	23.64	23.65	23.52	24.00

【FR1 n26_Ant 0_DSI 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				164800	166300	167800	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.66	23.76	23.63	24.00
20	PI/2 BPSK	1	53	23.60	23.71	23.50	24.00
20	PI/2 BPSK	1	104	23.37	23.51	23.34	24.00
20	PI/2 BPSK	50	0	23.50	23.65	23.47	24.00
20	PI/2 BPSK	50	28	23.58	23.69	23.61	24.00
20	PI/2 BPSK	50	56	23.42	23.66	23.42	24.00
20	PI/2 BPSK	100	0	23.48	23.68	23.41	24.00
20	QPSK	1	1	23.43	23.58	23.41	24.00
20	QPSK	1	53	23.39	23.62	23.41	24.00
20	QPSK	1	104	23.36	23.50	23.27	24.00
20	QPSK	50	0	23.41	23.65	23.49	24.00
20	QPSK	50	28	23.34	23.57	23.39	24.00
20	QPSK	50	56	23.46	23.58	23.34	24.00
20	QPSK	100	0	23.52	23.63	23.37	24.00
20	16QAM	1	1	23.31	23.55	23.34	24.00
20	64QAM	1	1	23.35	23.53	23.33	24.00
20	256QAM	1	1	22.26	22.46	22.24	23.00
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	23.62	23.72	23.48	24.00
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	23.57	23.62	23.52	24.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	23.64	23.65	23.52	24.00

【FR1 n26_Ant 0_DSI 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				164800	166300	167800	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.66	23.76	23.63	24.00
20	PI/2 BPSK	1	53	23.60	23.71	23.50	24.00
20	PI/2 BPSK	1	104	23.37	23.51	23.34	24.00
20	PI/2 BPSK	50	0	23.50	23.65	23.47	24.00
20	PI/2 BPSK	50	28	23.58	23.69	23.61	24.00
20	PI/2 BPSK	50	56	23.42	23.66	23.42	24.00
20	PI/2 BPSK	100	0	23.48	23.68	23.41	24.00
20	QPSK	1	1	23.43	23.58	23.41	24.00
20	QPSK	1	53	23.39	23.62	23.41	24.00
20	QPSK	1	104	23.36	23.50	23.27	24.00
20	QPSK	50	0	23.41	23.65	23.49	24.00
20	QPSK	50	28	23.34	23.57	23.39	24.00
20	QPSK	50	56	23.46	23.58	23.34	24.00
20	QPSK	100	0	23.52	23.63	23.37	24.00
20	16QAM	1	1	23.31	23.55	23.34	24.00
20	64QAM	1	1	23.35	23.53	23.33	24.00
20	256QAM	1	1	22.26	22.46	22.24	23.00
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)

15	PI/2 BPSK	1	1	23.64	23.62	23.59	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.72	23.53	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.52	23.69	23.54	24.00

【FR1 n26_HPUE_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.43	26.63	26.56	27.00
20	PI/2 BPSK	1	53	26.20	26.52	26.31	27.00
20	PI/2 BPSK	1	104	26.19	26.45	26.25	27.00
20	PI/2 BPSK	50	0	26.26	26.58	26.47	27.00
20	PI/2 BPSK	50	28	26.48	26.62	26.54	27.00
20	PI/2 BPSK	50	56	26.18	26.45	26.34	27.00
20	PI/2 BPSK	100	0	26.22	26.56	26.43	27.00
20	QPSK	1	1	26.26	26.55	26.42	27.00
20	QPSK	1	53	26.20	26.50	26.38	27.00
20	QPSK	1	104	26.20	26.42	26.32	27.00
20	QPSK	50	0	25.77	26.03	25.89	27.00
20	QPSK	50	28	26.30	26.56	26.39	27.00
20	QPSK	50	56	25.70	25.98	25.85	27.00
20	QPSK	100	0	25.77	26.10	26.00	27.00
20	16QAM	1	1	25.61	25.95	25.77	27.00
20	64QAM	1	1	23.88	24.21	24.09	24.50
20	256QAM	1	1	22.35	22.58	22.47	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.41	26.60	26.43	27.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.38	26.58	26.53	27.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.33	26.62	26.41	27.00

【FR1 n26_HPUE_Ant 0_DSI 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				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.43	26.63	26.56	27.00
20	PI/2 BPSK	1	53	26.20	26.52	26.31	27.00
20	PI/2 BPSK	1	104	26.19	26.45	26.25	27.00
20	PI/2 BPSK	50	0	26.26	26.58	26.47	27.00
20	PI/2 BPSK	50	28	26.48	26.62	26.54	27.00
20	PI/2 BPSK	50	56	26.18	26.45	26.34	27.00
20	PI/2 BPSK	100	0	26.22	26.56	26.43	27.00
20	QPSK	1	1	26.26	26.55	26.42	27.00
20	QPSK	1	53	26.20	26.50	26.38	27.00
20	QPSK	1	104	26.20	26.42	26.32	27.00
20	QPSK	50	0	25.77	26.03	25.89	27.00
20	QPSK	50	28	26.30	26.56	26.39	27.00
20	QPSK	50	56	25.70	25.98	25.85	27.00
20	QPSK	100	0	25.77	26.10	26.00	27.00
20	16QAM	1	1	25.61	25.95	25.77	27.00
20	64QAM	1	1	23.88	24.21	24.09	24.50
20	256QAM	1	1	22.35	22.58	22.47	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.41	26.60	26.43	27.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.38	26.58	26.53	27.00

Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.33	26.62	26.41	27.00

【FR1 n26_HPUE_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.43	26.63	26.56	27.00
20	PI/2 BPSK	1	53	26.20	26.52	26.31	27.00
20	PI/2 BPSK	1	104	26.19	26.45	26.25	27.00
20	PI/2 BPSK	50	0	26.26	26.58	26.47	27.00
20	PI/2 BPSK	50	28	26.48	26.62	26.54	27.00
20	PI/2 BPSK	50	56	26.18	26.45	26.34	27.00
20	PI/2 BPSK	100	0	26.22	26.56	26.43	27.00
20	QPSK	1	1	26.26	26.55	26.42	27.00
20	QPSK	1	53	26.20	26.50	26.38	27.00
20	QPSK	1	104	26.20	26.42	26.32	27.00
20	QPSK	50	0	25.77	26.03	25.89	27.00
20	QPSK	50	28	26.30	26.56	26.39	27.00
20	QPSK	50	56	25.70	25.98	25.85	27.00
20	QPSK	100	0	25.77	26.10	26.00	27.00
20	16QAM	1	1	25.61	25.95	25.77	27.00
20	64QAM	1	1	23.88	24.21	24.09	24.50
20	256QAM	1	1	22.35	22.58	22.47	23.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.38	26.61	26.42	27.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.29	26.60	26.49	27.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.36	26.50	26.48	27.00

【FR1 n26_HPUE_Ant 0_DSI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.43	26.63	26.56	27.00
20	PI/2 BPSK	1	53	26.20	26.52	26.31	27.00
20	PI/2 BPSK	1	104	26.19	26.45	26.25	27.00
20	PI/2 BPSK	50	0	26.26	26.58	26.47	27.00
20	PI/2 BPSK	50	28	26.48	26.62	26.54	27.00
20	PI/2 BPSK	50	56	26.18	26.45	26.34	27.00
20	PI/2 BPSK	100	0	26.22	26.56	26.43	27.00
20	QPSK	1	1	26.26	26.55	26.42	27.00
20	QPSK	1	53	26.20	26.50	26.38	27.00
20	QPSK	1	104	26.20	26.42	26.32	27.00
20	QPSK	50	0	25.77	26.03	25.89	27.00
20	QPSK	50	28	26.30	26.56	26.39	27.00
20	QPSK	50	56	25.70	25.98	25.85	27.00
20	QPSK	100	0	25.77	26.10	26.00	27.00
20	16QAM	1	1	25.61	25.95	25.77	27.00
20	64QAM	1	1	23.88	24.21	24.09	24.50
20	256QAM	1	1	22.35	22.58	22.47	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.41	26.60	26.43	27.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.38	26.58	26.53	27.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.33	26.62	26.41	27.00

【FR1 n26_HPUE_Ant 0_DSI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.43	26.63	26.56	27.00
20	PI/2 BPSK	1	53	26.20	26.52	26.31	27.00
20	PI/2 BPSK	1	104	26.19	26.45	26.25	27.00
20	PI/2 BPSK	50	0	26.26	26.58	26.47	27.00
20	PI/2 BPSK	50	28	26.48	26.62	26.54	27.00
20	PI/2 BPSK	50	56	26.18	26.45	26.34	27.00
20	PI/2 BPSK	100	0	26.22	26.56	26.43	27.00
20	QPSK	1	1	26.26	26.55	26.42	27.00
20	QPSK	1	53	26.20	26.50	26.38	27.00
20	QPSK	1	104	26.20	26.42	26.32	27.00
20	QPSK	50	0	25.77	26.03	25.89	27.00
20	QPSK	50	28	26.30	26.56	26.39	27.00
20	QPSK	50	56	25.70	25.98	25.85	27.00
20	QPSK	100	0	25.77	26.10	26.00	27.00
20	16QAM	1	1	25.61	25.95	25.77	27.00
20	64QAM	1	1	23.88	24.21	24.09	24.50
20	256QAM	1	1	22.35	22.58	22.47	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.41	26.60	26.43	27.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.38	26.58	26.53	27.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.33	26.62	26.41	27.00

【FR1 n26_HPUE_Ant 0_DSI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.43	26.63	26.56	26.80
20	PI/2 BPSK	1	53	26.20	26.52	26.31	26.80
20	PI/2 BPSK	1	104	26.19	26.45	26.25	26.80
20	PI/2 BPSK	50	0	26.26	26.58	26.47	26.80
20	PI/2 BPSK	50	28	26.48	26.62	26.54	26.80
20	PI/2 BPSK	50	56	26.18	26.45	26.34	26.80
20	PI/2 BPSK	100	0	26.22	26.56	26.43	26.80
20	QPSK	1	1	26.26	26.55	26.42	26.80
20	QPSK	1	53	26.20	26.50	26.38	26.80
20	QPSK	1	104	26.20	26.42	26.32	26.80
20	QPSK	50	0	25.77	26.03	25.89	26.80
20	QPSK	50	28	26.30	26.56	26.39	26.80
20	QPSK	50	56	25.70	25.98	25.85	26.80
20	QPSK	100	0	25.77	26.10	26.00	26.80
20	16QAM	1	1	25.61	25.95	25.77	26.80
20	64QAM	1	1	23.88	24.21	24.09	24.30
20	256QAM	1	1	22.35	22.58	22.47	23.30
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.38	26.61	26.42	26.80
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.29	26.60	26.49	26.80
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.36	26.50	26.48	26.80

【FR1 n26_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.63	23.81	23.66	24.00
20	PI/2 BPSK	1	53	23.38	23.66	23.46	24.00
20	PI/2 BPSK	1	104	23.35	23.59	23.35	24.00
20	PI/2 BPSK	50	0	23.43	23.72	23.52	24.00
20	PI/2 BPSK	50	28	23.65	23.78	23.62	24.00
20	PI/2 BPSK	50	56	23.51	23.74	23.45	24.00
20	PI/2 BPSK	100	0	23.57	23.78	23.60	24.00
20	QPSK	1	1	23.32	23.62	23.37	24.00
20	QPSK	1	53	23.51	23.70	23.49	24.00
20	QPSK	1	104	23.34	23.65	23.43	24.00
20	QPSK	50	0	23.49	23.76	23.59	24.00
20	QPSK	50	28	23.43	23.65	23.45	24.00
20	QPSK	50	56	23.46	23.68	23.44	24.00
20	QPSK	100	0	23.45	23.70	23.50	24.00
20	16QAM	1	1	23.23	23.42	23.14	24.00
20	64QAM	1	1	23.28	23.50	23.21	24.00
20	256QAM	1	1	22.27	22.52	22.36	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.48	23.77	23.56	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.78	23.51	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.56	23.77	23.54	24.00

【FR1 n26_Ant 1_DSI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.63	23.81	23.66	24.00
20	PI/2 BPSK	1	53	23.38	23.66	23.46	24.00
20	PI/2 BPSK	1	104	23.35	23.59	23.35	24.00
20	PI/2 BPSK	50	0	23.43	23.72	23.52	24.00
20	PI/2 BPSK	50	28	23.65	23.78	23.62	24.00
20	PI/2 BPSK	50	56	23.51	23.74	23.45	24.00
20	PI/2 BPSK	100	0	23.57	23.78	23.60	24.00
20	QPSK	1	1	23.32	23.62	23.37	24.00
20	QPSK	1	53	23.51	23.70	23.49	24.00
20	QPSK	1	104	23.34	23.65	23.43	24.00
20	QPSK	50	0	23.49	23.76	23.59	24.00
20	QPSK	50	28	23.43	23.65	23.45	24.00
20	QPSK	50	56	23.46	23.68	23.44	24.00
20	QPSK	100	0	23.45	23.70	23.50	24.00
20	16QAM	1	1	23.23	23.42	23.14	24.00
20	64QAM	1	1	23.28	23.50	23.21	24.00
20	256QAM	1	1	22.27	22.52	22.36	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.48	23.77	23.56	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.78	23.51	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.56	23.77	23.54	24.00

【FR1 n26_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	

Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.63	23.81	23.66	24.00
20	PI/2 BPSK	1	53	23.38	23.66	23.46	24.00
20	PI/2 BPSK	1	104	23.35	23.59	23.35	24.00
20	PI/2 BPSK	50	0	23.43	23.72	23.52	24.00
20	PI/2 BPSK	50	28	23.65	23.78	23.62	24.00
20	PI/2 BPSK	50	56	23.51	23.74	23.45	24.00
20	PI/2 BPSK	100	0	23.57	23.78	23.60	24.00
20	QPSK	1	1	23.32	23.62	23.37	24.00
20	QPSK	1	53	23.51	23.70	23.49	24.00
20	QPSK	1	104	23.34	23.65	23.43	24.00
20	QPSK	50	0	23.49	23.76	23.59	24.00
20	QPSK	50	28	23.43	23.65	23.45	24.00
20	QPSK	50	56	23.46	23.68	23.44	24.00
20	QPSK	100	0	23.45	23.70	23.50	24.00
20	16QAM	1	1	23.23	23.42	23.14	24.00
20	64QAM	1	1	23.28	23.50	23.21	24.00
20	256QAM	1	1	22.27	22.52	22.36	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.48	23.77	23.56	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.78	23.51	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.56	23.77	23.54	24.00

【FR1 n26_Ant 1_DSI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.63	23.81	23.66	24.00
20	PI/2 BPSK	1	53	23.38	23.66	23.46	24.00
20	PI/2 BPSK	1	104	23.35	23.59	23.35	24.00
20	PI/2 BPSK	50	0	23.43	23.72	23.52	24.00
20	PI/2 BPSK	50	28	23.65	23.78	23.62	24.00
20	PI/2 BPSK	50	56	23.51	23.74	23.45	24.00
20	PI/2 BPSK	100	0	23.57	23.78	23.60	24.00
20	QPSK	1	1	23.32	23.62	23.37	24.00
20	QPSK	1	53	23.51	23.70	23.49	24.00
20	QPSK	1	104	23.34	23.65	23.43	24.00
20	QPSK	50	0	23.49	23.76	23.59	24.00
20	QPSK	50	28	23.43	23.65	23.45	24.00
20	QPSK	50	56	23.46	23.68	23.44	24.00
20	QPSK	100	0	23.45	23.70	23.50	24.00
20	16QAM	1	1	23.23	23.42	23.14	24.00
20	64QAM	1	1	23.28	23.50	23.21	24.00
20	256QAM	1	1	22.27	22.52	22.36	24.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.48	23.77	23.56	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.78	23.51	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.56	23.77	23.54	24.00

【FR1 n26_Ant 1_DSI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.63	23.81	23.66	24.00
20	PI/2 BPSK	1	53	23.38	23.66	23.46	24.00
20	PI/2 BPSK	1	104	23.35	23.59	23.35	24.00

20	PI/2 BPSK	50	0	23.43	23.72	23.52	24.00
20	PI/2 BPSK	50	28	23.65	23.78	23.62	24.00
20	PI/2 BPSK	50	56	23.51	23.74	23.45	24.00
20	PI/2 BPSK	100	0	23.57	23.78	23.60	24.00
20	QPSK	1	1	23.32	23.62	23.37	24.00
20	QPSK	1	53	23.51	23.70	23.49	24.00
20	QPSK	1	104	23.34	23.65	23.43	24.00
20	QPSK	50	0	23.49	23.76	23.59	24.00
20	QPSK	50	28	23.43	23.65	23.45	24.00
20	QPSK	50	56	23.46	23.68	23.44	24.00
20	QPSK	100	0	23.45	23.70	23.50	24.00
20	16QAM	1	1	23.23	23.42	23.14	24.00
20	64QAM	1	1	23.28	23.50	23.21	24.00
20	256QAM	1	1	22.27	22.52	22.36	23.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.48	23.77	23.56	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.78	23.51	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.56	23.77	23.54	24.00

【FR1 n26_Ant 1_DSI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.63	23.81	23.66	24.00
20	PI/2 BPSK	1	53	23.38	23.66	23.46	24.00
20	PI/2 BPSK	1	104	23.35	23.59	23.35	24.00
20	PI/2 BPSK	50	0	23.43	23.72	23.52	24.00
20	PI/2 BPSK	50	28	23.65	23.78	23.62	24.00
20	PI/2 BPSK	50	56	23.51	23.74	23.45	24.00
20	PI/2 BPSK	100	0	23.57	23.78	23.60	24.00
20	QPSK	1	1	23.32	23.62	23.37	24.00
20	QPSK	1	53	23.51	23.70	23.49	24.00
20	QPSK	1	104	23.34	23.65	23.43	24.00
20	QPSK	50	0	23.49	23.76	23.59	24.00
20	QPSK	50	28	23.43	23.65	23.45	24.00
20	QPSK	50	56	23.46	23.68	23.44	24.00
20	QPSK	100	0	23.45	23.70	23.50	24.00
20	16QAM	1	1	23.23	23.42	23.14	24.00
20	64QAM	1	1	23.28	23.50	23.21	24.00
20	256QAM	1	1	22.27	22.52	22.36	24.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.48	23.77	23.56	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.78	23.51	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.56	23.77	23.54	24.00

【FR1 n26_HPUE_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.75	26.82	26.69	27.00
20	PI/2 BPSK	1	53	26.51	26.72	26.56	27.00
20	PI/2 BPSK	1	104	26.53	26.65	26.39	27.00
20	PI/2 BPSK	50	0	26.45	26.53	26.28	27.00
20	PI/2 BPSK	50	28	26.68	26.78	26.71	27.00
20	PI/2 BPSK	50	56	26.48	26.57	26.39	27.00
20	PI/2 BPSK	100	0	26.15	26.24	26.07	27.00

20	QPSK	1	1	26.45	26.60	26.44	27.00
20	QPSK	1	53	26.51	26.72	26.57	27.00
20	QPSK	1	104	26.43	26.63	26.36	27.00
20	QPSK	50	0	26.14	26.23	25.97	27.00
20	QPSK	50	28	26.61	26.76	26.51	27.00
20	QPSK	50	56	26.10	26.20	26.00	27.00
20	QPSK	100	0	26.03	26.25	25.98	27.00
20	16QAM	1	1	25.34	25.47	25.22	27.00
20	64QAM	1	1	24.20	24.31	24.12	24.50
20	256QAM	1	1	22.29	22.43	22.20	22.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.71	26.75	26.64	27.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.62	26.79	26.56	27.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.67	26.72	26.67	27.00

【FR1 n26_HPUE_Ant 1_DSI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.75	26.82	26.69	27.00
20	PI/2 BPSK	1	53	26.51	26.72	26.56	27.00
20	PI/2 BPSK	1	104	26.53	26.65	26.39	27.00
20	PI/2 BPSK	50	0	26.45	26.53	26.28	27.00
20	PI/2 BPSK	50	28	26.68	26.78	26.71	27.00
20	PI/2 BPSK	50	56	26.48	26.57	26.39	27.00
20	PI/2 BPSK	100	0	26.15	26.24	26.07	27.00
20	QPSK	1	1	26.45	26.60	26.44	27.00
20	QPSK	1	53	26.51	26.72	26.57	27.00
20	QPSK	1	104	26.43	26.63	26.36	27.00
20	QPSK	50	0	26.14	26.23	25.97	27.00
20	QPSK	50	28	26.61	26.76	26.51	27.00
20	QPSK	50	56	26.10	26.20	26.00	27.00
20	QPSK	100	0	26.03	26.25	25.98	27.00
20	16QAM	1	1	25.34	25.47	25.22	27.00
20	64QAM	1	1	24.20	24.31	24.12	24.50
20	256QAM	1	1	22.29	22.43	22.20	22.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.71	26.75	26.64	27.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.62	26.79	26.56	27.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.67	26.72	26.67	27.00

【FR1 n26_HPUE_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.63	23.81	23.66	24.50
20	PI/2 BPSK	1	53	23.38	23.66	23.46	24.50
20	PI/2 BPSK	1	104	23.35	23.59	23.35	24.50
20	PI/2 BPSK	50	0	23.43	23.72	23.52	24.50
20	PI/2 BPSK	50	28	23.65	23.78	23.62	24.50
20	PI/2 BPSK	50	56	23.51	23.74	23.45	24.50
20	PI/2 BPSK	100	0	23.57	23.78	23.60	24.50
20	QPSK	1	1	23.32	23.62	23.37	24.50
20	QPSK	1	53	23.51	23.70	23.49	24.50
20	QPSK	1	104	23.34	23.65	23.43	24.50
20	QPSK	50	0	23.49	23.76	23.59	24.50

20	QPSK	50	28	23.43	23.65	23.45	24.50
20	QPSK	50	56	23.46	23.68	23.44	24.50
20	QPSK	100	0	23.45	23.70	23.50	24.50
20	16QAM	1	1	23.23	23.42	23.14	24.50
20	64QAM	1	1	23.28	23.50	23.21	24.50
20	256QAM	1	1	22.29	22.43	22.20	22.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.48	23.77	23.56	24.50
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.56	23.78	23.51	24.50
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.56	23.77	23.54	24.50

【FR1 n26_HPUE_Ant 1_DSI 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				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.29	24.39	24.18	25.00
20	PI/2 BPSK	1	53	24.27	24.26	24.24	25.00
20	PI/2 BPSK	1	104	24.21	24.35	24.17	25.00
20	PI/2 BPSK	50	0	24.19	24.28	24.17	25.00
20	PI/2 BPSK	50	28	24.29	24.35	24.18	25.00
20	PI/2 BPSK	50	56	24.20	24.28	24.16	25.00
20	PI/2 BPSK	100	0	24.18	24.29	24.14	25.00
20	QPSK	1	1	24.25	24.32	24.26	25.00
20	QPSK	1	53	24.25	24.35	24.23	25.00
20	QPSK	1	104	24.22	24.31	24.22	25.00
20	QPSK	50	0	24.18	24.37	24.24	25.00
20	QPSK	50	28	24.27	24.36	24.26	25.00
20	QPSK	50	56	24.17	24.25	24.16	25.00
20	QPSK	100	0	24.31	24.24	24.18	25.00
20	16QAM	1	1	24.29	24.24	24.20	25.00
20	64QAM	1	1	24.18	24.35	24.25	25.00
20	256QAM	1	1	22.36	22.44	22.19	22.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.27	24.36	24.08	25.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.22	24.33	24.04	25.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.22	24.34	24.08	25.00

【FR1 n26_HPUE_Ant 1_DSI 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				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	26.75	26.82	26.69	27.00
20	PI/2 BPSK	1	53	26.51	26.72	26.56	27.00
20	PI/2 BPSK	1	104	26.53	26.65	26.39	27.00
20	PI/2 BPSK	50	0	26.45	26.53	26.28	27.00
20	PI/2 BPSK	50	28	26.68	26.78	26.71	27.00
20	PI/2 BPSK	50	56	26.48	26.57	26.39	27.00
20	PI/2 BPSK	100	0	26.15	26.24	26.07	27.00
20	QPSK	1	1	26.45	26.60	26.44	27.00
20	QPSK	1	53	26.51	26.72	26.57	27.00
20	QPSK	1	104	26.43	26.63	26.36	27.00
20	QPSK	50	0	26.14	26.23	25.97	27.00
20	QPSK	50	28	26.61	26.76	26.51	27.00
20	QPSK	50	56	26.10	26.20	26.00	27.00
20	QPSK	100	0	26.03	26.25	25.98	27.00
20	16QAM	1	1	25.34	25.47	25.22	27.00

20	64QAM	1	1	24.20	24.31	24.12	24.50
20	256QAM	1	1	22.29	22.43	22.20	22.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	26.71	26.75	26.64	27.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	26.62	26.79	26.56	27.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	26.67	26.72	26.67	27.00

【FR1 n26_HPUE_Ant 1_DSI 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				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.29	24.39	24.18	25.00
20	PI/2 BPSK	1	53	24.27	24.26	24.24	25.00
20	PI/2 BPSK	1	104	24.21	24.35	24.17	25.00
20	PI/2 BPSK	50	0	24.19	24.28	24.17	25.00
20	PI/2 BPSK	50	28	24.29	24.35	24.18	25.00
20	PI/2 BPSK	50	56	24.20	24.28	24.16	25.00
20	PI/2 BPSK	100	0	24.18	24.29	24.14	25.00
20	QPSK	1	1	24.25	24.32	24.26	25.00
20	QPSK	1	53	24.25	24.35	24.23	25.00
20	QPSK	1	104	24.22	24.31	24.22	25.00
20	QPSK	50	0	24.18	24.37	24.24	25.00
20	QPSK	50	28	24.27	24.36	24.26	25.00
20	QPSK	50	56	24.17	24.25	24.16	25.00
20	QPSK	100	0	24.31	24.24	24.18	25.00
20	16QAM	1	1	24.29	24.24	24.20	25.00
20	64QAM	1	1	24.18	24.35	24.25	25.00
20	256QAM	1	1	22.36	22.44	22.19	22.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.27	24.36	24.08	25.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.22	24.33	24.04	25.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.22	24.34	24.08	25.00

【FR1 n38_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.58	22.69	22.59	24.00
40	PI/2 BPSK	1	53	22.43	22.55	22.40	24.00
40	PI/2 BPSK	1	104	22.56	22.68	22.51	24.00
40	PI/2 BPSK	50	0	22.36	22.57	22.35	23.50
40	PI/2 BPSK	50	28	22.54	22.65	22.61	24.00
40	PI/2 BPSK	50	56	22.36	22.54	22.36	23.50
40	PI/2 BPSK	100	0	22.37	22.56	22.32	23.50
40	QPSK	1	1	22.36	22.52	22.34	24.00
40	QPSK	1	53	22.24	22.48	22.31	24.00
40	QPSK	1	104	22.53	22.67	22.52	24.00
40	QPSK	50	0	22.32	22.56	22.32	23.00
40	QPSK	50	28	22.41	22.60	22.46	24.00
40	QPSK	50	56	22.36	22.59	22.41	23.00
40	QPSK	100	0	22.33	22.56	22.34	23.00
40	16QAM	1	1	22.26	22.46	22.25	23.00
40	64QAM	1	1	21.26	21.48	21.32	21.50
40	256QAM	1	1	19.30	19.50	19.32	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	

30	PI/2 BPSK	1	1	22.47	22.60	22.47	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.47	22.57	22.45	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.56	22.60	22.52	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.57	22.61	22.53	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.48	22.64	22.52	24.00

【FR1 n38_Ant 0_DSI 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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.58	22.69	22.59	24.00
40	PI/2 BPSK	1	53	22.43	22.55	22.40	24.00
40	PI/2 BPSK	1	104	22.56	22.68	22.51	24.00
40	PI/2 BPSK	50	0	22.36	22.57	22.35	23.50
40	PI/2 BPSK	50	28	22.54	22.65	22.61	24.00
40	PI/2 BPSK	50	56	22.36	22.54	22.36	23.50
40	PI/2 BPSK	100	0	22.37	22.56	22.32	23.50
40	QPSK	1	1	22.36	22.52	22.34	24.00
40	QPSK	1	53	22.24	22.48	22.31	24.00
40	QPSK	1	104	22.53	22.67	22.52	24.00
40	QPSK	50	0	22.32	22.56	22.32	23.00
40	QPSK	50	28	22.41	22.60	22.46	24.00
40	QPSK	50	56	22.36	22.59	22.41	23.00
40	QPSK	100	0	22.33	22.56	22.34	23.00
40	16QAM	1	1	22.26	22.46	22.25	23.00
40	64QAM	1	1	21.26	21.48	21.32	21.50
40	256QAM	1	1	19.30	19.50	19.32	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.47	22.60	22.47	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.47	22.57	22.45	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.56	22.60	22.52	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.57	22.61	22.53	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.48	22.64	22.52	24.00

【FR1 n38_Ant 0_DSI 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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.08	22.19	22.09	24.00
40	PI/2 BPSK	1	53	22.00	22.05	22.01	24.00
40	PI/2 BPSK	1	104	22.00	22.18	22.00	24.00
40	PI/2 BPSK	50	0	21.86	22.07	21.90	23.50
40	PI/2 BPSK	50	28	22.00	22.15	22.01	24.00
40	PI/2 BPSK	50	56	21.91	22.04	21.79	23.50
40	PI/2 BPSK	100	0	21.83	22.06	21.89	23.50
40	QPSK	1	1	22.01	22.02	22.00	24.00
40	QPSK	1	53	22.00	22.01	22.02	24.00
40	QPSK	1	104	22.03	22.17	22.02	24.00
40	QPSK	50	0	21.84	22.06	21.89	23.00

40	QPSK	50	28	22.00	22.10	22.00	24.00
40	QPSK	50	56	21.90	22.09	21.96	23.00
40	QPSK	100	0	21.82	22.06	21.88	23.00
40	16QAM	1	1	21.71	21.93	21.76	23.00
40	64QAM	1	1	20.35	20.52	20.31	21.50
40	256QAM	1	1	18.27	18.47	18.26	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.01	22.05	22.02	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.01	22.16	22.01	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.00	22.04	22.02	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.00	22.15	22.02	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.01	22.15	22.01	24.00

【FR1 n38_Ant 0_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.58	22.69	22.59	24.00
40	PI/2 BPSK	1	53	22.43	22.55	22.40	24.00
40	PI/2 BPSK	1	104	22.56	22.68	22.51	24.00
40	PI/2 BPSK	50	0	22.36	22.57	22.35	23.50
40	PI/2 BPSK	50	28	22.54	22.65	22.61	24.00
40	PI/2 BPSK	50	56	22.36	22.54	22.36	23.50
40	PI/2 BPSK	100	0	22.37	22.56	22.32	23.50
40	QPSK	1	1	22.36	22.52	22.34	24.00
40	QPSK	1	53	22.24	22.48	22.31	24.00
40	QPSK	1	104	22.53	22.67	22.52	24.00
40	QPSK	50	0	22.32	22.56	22.32	23.00
40	QPSK	50	28	22.41	22.60	22.46	24.00
40	QPSK	50	56	22.36	22.59	22.41	23.00
40	QPSK	100	0	22.33	22.56	22.34	23.00
40	16QAM	1	1	22.26	22.46	22.25	23.00
40	64QAM	1	1	21.26	21.48	21.32	21.50
40	256QAM	1	1	19.30	19.50	19.32	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.47	22.60	22.47	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.47	22.57	22.45	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.56	22.60	22.52	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.57	22.61	22.53	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.48	22.64	22.52	24.00

【FR1 n38_Ant 0_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.58	22.69	22.59	24.00
40	PI/2 BPSK	1	53	22.43	22.55	22.40	24.00
40	PI/2 BPSK	1	104	22.56	22.68	22.51	24.00

40	PI/2 BPSK	50	0	22.36	22.57	22.35	23.50
40	PI/2 BPSK	50	28	22.54	22.65	22.61	24.00
40	PI/2 BPSK	50	56	22.36	22.54	22.36	23.50
40	PI/2 BPSK	100	0	22.37	22.56	22.32	23.50
40	QPSK	1	1	22.36	22.52	22.34	24.00
40	QPSK	1	53	22.24	22.48	22.31	24.00
40	QPSK	1	104	22.53	22.67	22.52	24.00
40	QPSK	50	0	22.32	22.56	22.32	23.00
40	QPSK	50	28	22.41	22.60	22.46	24.00
40	QPSK	50	56	22.36	22.59	22.41	23.00
40	QPSK	100	0	22.33	22.56	22.34	23.00
40	16QAM	1	1	22.26	22.46	22.25	23.00
40	64QAM	1	1	21.26	21.48	21.32	21.50
40	256QAM	1	1	19.30	19.50	19.32	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.47	22.60	22.47	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.47	22.57	22.45	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.56	22.60	22.52	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.57	22.61	22.53	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.48	22.64	22.52	24.00

【FR1 n38_Ant 0_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.58	22.69	22.59	23.70
40	PI/2 BPSK	1	53	22.43	22.55	22.40	23.70
40	PI/2 BPSK	1	104	22.56	22.68	22.51	23.70
40	PI/2 BPSK	50	0	22.36	22.57	22.35	23.50
40	PI/2 BPSK	50	28	22.54	22.65	22.61	23.70
40	PI/2 BPSK	50	56	22.36	22.54	22.36	23.50
40	PI/2 BPSK	100	0	22.37	22.56	22.32	23.50
40	QPSK	1	1	22.36	22.52	22.34	23.70
40	QPSK	1	53	22.24	22.48	22.31	23.70
40	QPSK	1	104	22.53	22.67	22.52	23.70
40	QPSK	50	0	22.32	22.56	22.32	23.00
40	QPSK	50	28	22.41	22.60	22.46	23.70
40	QPSK	50	56	22.36	22.59	22.41	23.00
40	QPSK	100	0	22.33	22.56	22.34	23.00
40	16QAM	1	1	22.26	22.46	22.25	23.00
40	64QAM	1	1	21.26	21.48	21.32	21.50
40	256QAM	1	1	19.30	19.50	19.32	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.47	22.60	22.47	23.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.47	22.57	22.45	23.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.56	22.60	22.52	23.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.57	22.61	22.53	23.70
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.48	22.64	22.52	23.70

【FR1 n38_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.18	23.25	23.16	24.00
40	PI/2 BPSK	1	53	22.98	23.12	22.94	24.00
40	PI/2 BPSK	1	104	23.06	23.22	22.99	24.00
40	PI/2 BPSK	50	0	23.01	23.14	22.95	24.00
40	PI/2 BPSK	50	28	23.16	23.24	23.21	24.00
40	PI/2 BPSK	50	56	23.05	23.22	23.03	24.00
40	PI/2 BPSK	100	0	22.98	23.13	22.95	24.00
40	QPSK	1	1	22.90	23.07	22.92	24.00
40	QPSK	1	53	22.97	23.11	22.89	24.00
40	QPSK	1	104	22.91	23.12	22.92	24.00
40	QPSK	50	0	23.02	23.17	23.04	24.00
40	QPSK	50	28	22.98	23.14	22.91	24.00
40	QPSK	50	56	23.02	23.13	22.93	24.00
40	QPSK	100	0	22.93	23.15	23.02	24.00
40	16QAM	1	1	22.94	23.03	22.81	24.00
40	64QAM	1	1	21.89	22.08	21.89	23.00
40	256QAM	1	1	19.96	20.08	19.87	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.09	23.17	23.03	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.11	23.23	23.05	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.09	23.23	23.10	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.06	23.11	23.08	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.16	23.19	23.04	24.00

[FR1 n38_Ant 1_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.18	23.25	23.16	24.00
40	PI/2 BPSK	1	53	22.98	23.12	22.94	24.00
40	PI/2 BPSK	1	104	23.06	23.22	22.99	24.00
40	PI/2 BPSK	50	0	23.01	23.14	22.95	24.00
40	PI/2 BPSK	50	28	23.16	23.24	23.21	24.00
40	PI/2 BPSK	50	56	23.05	23.22	23.03	24.00
40	PI/2 BPSK	100	0	22.98	23.13	22.95	24.00
40	QPSK	1	1	22.90	23.07	22.92	24.00
40	QPSK	1	53	22.97	23.11	22.89	24.00
40	QPSK	1	104	22.91	23.12	22.92	24.00
40	QPSK	50	0	23.02	23.17	23.04	24.00
40	QPSK	50	28	22.98	23.14	22.91	24.00
40	QPSK	50	56	23.02	23.13	22.93	24.00
40	QPSK	100	0	22.93	23.15	23.02	24.00
40	16QAM	1	1	22.94	23.03	22.81	24.00
40	64QAM	1	1	21.89	22.08	21.89	23.00
40	256QAM	1	1	19.96	20.08	19.87	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.09	23.17	23.03	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.11	23.23	23.05	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.09	23.23	23.10	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.06	23.11	23.08	24.00
Channel				515000	519000	523000	Tune-up limit

Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	23.16	23.19	23.04	24.00

【FR1 n38_Ant 1_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	20.16	20.21	20.18	21.10
40	PI/2 BPSK	1	53	19.89	20.07	19.95	21.10
40	PI/2 BPSK	1	104	19.83	20.03	19.87	21.10
40	PI/2 BPSK	50	0	19.95	20.14	20.01	21.10
40	PI/2 BPSK	50	28	20.12	20.17	20.14	21.10
40	PI/2 BPSK	50	56	19.91	20.09	19.98	21.10
40	PI/2 BPSK	100	0	20.08	20.15	20.10	21.10
40	QPSK	1	1	19.93	20.12	20.02	21.10
40	QPSK	1	53	20.04	20.15	20.05	21.10
40	QPSK	1	104	19.94	20.08	19.92	21.10
40	QPSK	50	0	19.97	20.04	19.94	21.10
40	QPSK	50	28	19.94	20.09	20.04	21.10
40	QPSK	50	56	19.96	20.03	19.85	21.10
40	QPSK	100	0	19.84	20.04	19.90	21.10
40	16QAM	1	1	19.98	20.13	20.02	21.10
40	64QAM	1	1	19.91	20.04	19.97	21.10
40	256QAM	1	1	19.94	20.01	19.86	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.11	20.18	20.12	21.10
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.08	20.08	20.07	21.10
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.03	20.08	20.12	21.10
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.11	20.19	20.15	21.10
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.13	20.12	20.04	21.10

【FR1 n38_Ant 1_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.24	18.28	18.25	19.20
40	PI/2 BPSK	1	53	18.09	18.21	18.12	19.20
40	PI/2 BPSK	1	104	18.09	18.16	18.10	19.20
40	PI/2 BPSK	50	0	18.04	18.17	18.12	19.20
40	PI/2 BPSK	50	28	18.14	18.25	18.18	19.20
40	PI/2 BPSK	50	56	17.98	18.13	18.00	19.20
40	PI/2 BPSK	100	0	18.04	18.14	17.97	19.20
40	QPSK	1	1	18.12	18.17	18.08	19.20
40	QPSK	1	53	18.06	18.17	18.04	19.20
40	QPSK	1	104	18.07	18.19	18.11	19.20
40	QPSK	50	0	18.12	18.23	18.10	19.20
40	QPSK	50	28	18.00	18.18	18.01	19.20
40	QPSK	50	56	18.15	18.21	18.07	19.20
40	QPSK	100	0	18.00	18.15	17.99	19.20
40	16QAM	1	1	17.99	18.13	17.96	19.20
40	64QAM	1	1	18.06	18.12	17.96	19.20
40	256QAM	1	1	18.02	18.18	18.04	19.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.18	18.25	18.20	19.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	

25	PI/2 BPSK	1	1	18.19	18.19	18.15	19.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.18	18.25	18.14	19.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.10	18.16	18.22	19.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.11	18.26	18.22	19.20

【FR1 n38_Ant 1_DSI 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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.54	21.64	21.50	22.80
40	PI/2 BPSK	1	53	21.34	21.51	21.32	22.80
40	PI/2 BPSK	1	104	21.25	21.48	21.28	22.80
40	PI/2 BPSK	50	0	21.30	21.53	21.29	22.80
40	PI/2 BPSK	50	28	21.52	21.63	21.58	22.80
40	PI/2 BPSK	50	56	21.45	21.56	21.35	22.80
40	PI/2 BPSK	100	0	21.40	21.52	21.26	22.80
40	QPSK	1	1	21.33	21.49	21.24	22.80
40	QPSK	1	53	21.32	21.53	21.33	22.80
40	QPSK	1	104	21.48	21.62	21.36	22.80
40	QPSK	50	0	21.45	21.63	21.35	22.80
40	QPSK	50	28	21.45	21.61	21.45	22.80
40	QPSK	50	56	21.26	21.47	21.26	22.80
40	QPSK	100	0	21.45	21.57	21.35	22.80
40	16QAM	1	1	21.28	21.53	21.27	22.80
40	64QAM	1	1	21.32	21.49	21.20	22.80
40	256QAM	1	1	19.96	20.08	19.87	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	21.48	21.51	21.39	22.80
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	21.40	21.59	21.46	22.80
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.52	21.52	21.45	22.80
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.45	21.57	21.44	22.80
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.50	21.63	21.42	22.80

【FR1 n38_Ant 1_DSI 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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.24	18.28	18.25	19.20
40	PI/2 BPSK	1	53	18.09	18.21	18.12	19.20
40	PI/2 BPSK	1	104	18.09	18.16	18.10	19.20
40	PI/2 BPSK	50	0	18.04	18.17	18.12	19.20
40	PI/2 BPSK	50	28	18.14	18.25	18.18	19.20
40	PI/2 BPSK	50	56	17.98	18.13	18.00	19.20
40	PI/2 BPSK	100	0	18.04	18.14	17.97	19.20
40	QPSK	1	1	18.12	18.17	18.08	19.20
40	QPSK	1	53	18.06	18.17	18.04	19.20
40	QPSK	1	104	18.07	18.19	18.11	19.20
40	QPSK	50	0	18.12	18.23	18.10	19.20
40	QPSK	50	28	18.00	18.18	18.01	19.20
40	QPSK	50	56	18.15	18.21	18.07	19.20
40	QPSK	100	0	18.00	18.15	17.99	19.20

40	16QAM	1	1	17.99	18.13	17.96	19.20
40	64QAM	1	1	18.06	18.12	17.96	19.20
40	256QAM	1	1	18.02	18.18	18.04	19.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.18	18.25	18.20	19.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.19	18.19	18.15	19.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.18	18.25	18.14	19.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.10	18.16	18.22	19.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.11	18.26	18.22	19.20

【FR1 n38_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.63	23.88	23.72	24.00
40	PI/2 BPSK	1	53	23.44	23.74	23.51	24.00
40	PI/2 BPSK	1	104	23.48	23.81	23.61	24.00
40	PI/2 BPSK	50	0	23.31	23.70	23.51	24.00
40	PI/2 BPSK	50	28	23.75	23.85	23.67	24.00
40	PI/2 BPSK	50	56	23.51	23.84	23.66	24.00
40	PI/2 BPSK	100	0	23.43	23.79	23.51	24.00
40	QPSK	1	1	23.24	23.62	23.34	24.00
40	QPSK	1	53	23.34	23.71	23.49	24.00
40	QPSK	1	104	23.44	23.83	23.60	24.00
40	QPSK	50	0	23.42	23.71	23.44	24.00
40	QPSK	50	28	23.37	23.73	23.42	24.00
40	QPSK	50	56	23.48	23.84	23.59	24.00
40	QPSK	100	0	23.48	23.75	23.45	24.00
40	16QAM	1	1	23.22	23.56	23.35	24.00
40	64QAM	1	1	22.31	22.60	22.40	23.00
40	256QAM	1	1	20.24	20.57	20.33	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.53	23.77	23.66	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.51	23.86	23.61	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.58	23.79	23.59	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.58	23.83	23.69	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.61	23.82	23.69	24.00

【FR1 n38_Ant 2_DSI 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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.63	23.88	23.72	24.00
40	PI/2 BPSK	1	53	23.44	23.74	23.51	24.00
40	PI/2 BPSK	1	104	23.48	23.81	23.61	24.00
40	PI/2 BPSK	50	0	23.31	23.70	23.51	24.00
40	PI/2 BPSK	50	28	23.75	23.85	23.67	24.00
40	PI/2 BPSK	50	56	23.51	23.84	23.66	24.00

40	PI/2 BPSK	100	0	23.43	23.79	23.51	24.00
40	QPSK	1	1	23.24	23.62	23.34	24.00
40	QPSK	1	53	23.34	23.71	23.49	24.00
40	QPSK	1	104	23.44	23.83	23.60	24.00
40	QPSK	50	0	23.42	23.71	23.44	24.00
40	QPSK	50	28	23.37	23.73	23.42	24.00
40	QPSK	50	56	23.48	23.84	23.59	24.00
40	QPSK	100	0	23.48	23.75	23.45	24.00
40	16QAM	1	1	23.22	23.56	23.35	24.00
40	64QAM	1	1	22.31	22.60	22.40	23.00
40	256QAM	1	1	20.24	20.57	20.33	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.53	23.77	23.66	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.51	23.86	23.61	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.58	23.79	23.59	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.58	23.83	23.69	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.61	23.82	23.69	24.00

【FR1 n38_Ant 2_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.63	23.88	23.72	24.00
40	PI/2 BPSK	1	53	23.44	23.74	23.51	24.00
40	PI/2 BPSK	1	104	23.48	23.81	23.61	24.00
40	PI/2 BPSK	50	0	23.31	23.70	23.51	24.00
40	PI/2 BPSK	50	28	23.75	23.85	23.67	24.00
40	PI/2 BPSK	50	56	23.51	23.84	23.66	24.00
40	PI/2 BPSK	100	0	23.43	23.79	23.51	24.00
40	QPSK	1	1	23.24	23.62	23.34	24.00
40	QPSK	1	53	23.34	23.71	23.49	24.00
40	QPSK	1	104	23.44	23.83	23.60	24.00
40	QPSK	50	0	23.42	23.71	23.44	24.00
40	QPSK	50	28	23.37	23.73	23.42	24.00
40	QPSK	50	56	23.48	23.84	23.59	24.00
40	QPSK	100	0	23.48	23.75	23.45	24.00
40	16QAM	1	1	23.22	23.56	23.35	24.00
40	64QAM	1	1	22.31	22.60	22.40	23.00
40	256QAM	1	1	20.24	20.57	20.33	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.56	23.80	23.66	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.49	23.86	23.60	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.51	23.73	23.64	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.49	23.75	23.66	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.53	23.77	23.69	24.00

【FR1 n38_Ant 2_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.11	21.41	21.30	22.30
40	PI/2 BPSK	1	53	20.95	21.29	21.05	22.30
40	PI/2 BPSK	1	104	20.95	21.24	21.05	22.30
40	PI/2 BPSK	50	0	20.85	21.13	21.04	22.30
40	PI/2 BPSK	50	28	21.18	21.34	21.25	22.30
40	PI/2 BPSK	50	56	21.04	21.34	21.21	22.30
40	PI/2 BPSK	100	0	20.87	21.35	20.96	22.30
40	QPSK	1	1	20.81	21.13	20.87	22.30
40	QPSK	1	53	20.77	21.20	21.00	22.30
40	QPSK	1	104	20.99	21.32	21.12	22.30
40	QPSK	50	0	21.00	21.28	20.90	22.30
40	QPSK	50	28	20.92	21.25	20.86	22.30
40	QPSK	50	56	20.97	21.37	21.05	22.30
40	QPSK	100	0	20.98	21.21	20.91	22.30
40	16QAM	1	1	20.66	21.02	20.89	22.30
40	64QAM	1	1	20.70	21.04	20.79	22.30
40	256QAM	1	1	20.24	20.57	20.33	21.80
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	21.05	21.36	21.23	22.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	21.06	21.35	21.21	22.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	21.04	21.30	21.19	22.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	21.08	21.27	21.22	22.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	21.07	21.35	21.26	22.30

【FR1 n38_Ant 2_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.43	21.55	21.48	23.30
40	PI/2 BPSK	1	53	21.34	21.48	21.37	23.30
40	PI/2 BPSK	1	104	21.30	21.39	21.30	23.30
40	PI/2 BPSK	50	0	21.31	21.35	21.30	23.30
40	PI/2 BPSK	50	28	21.45	21.53	21.47	23.30
40	PI/2 BPSK	50	56	21.30	21.47	21.30	23.30
40	PI/2 BPSK	100	0	21.31	21.49	21.32	23.30
40	QPSK	1	1	21.31	21.36	21.30	23.30
40	QPSK	1	53	21.31	21.42	21.31	23.30
40	QPSK	1	104	21.32	21.41	21.30	23.30
40	QPSK	50	0	21.30	21.43	21.32	23.30
40	QPSK	50	28	21.30	21.37	21.30	23.30
40	QPSK	50	56	21.30	21.37	21.31	23.30
40	QPSK	100	0	21.30	21.45	21.32	23.30
40	16QAM	1	1	21.32	21.37	21.30	23.30
40	64QAM	1	1	21.24	21.48	21.32	23.00
40	256QAM	1	1	20.24	20.57	20.33	21.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	21.41	21.50	21.43	23.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	21.35	21.54	21.38	23.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	21.34	21.41	21.44	23.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	21.41	21.51	21.39	23.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	21.35	21.49	21.39	23.30

【FR1 n38_Ant 2_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	19.75	19.79	19.76	21.00
40	PI/2 BPSK	1	53	19.56	19.71	19.65	21.00
40	PI/2 BPSK	1	104	19.51	19.66	19.58	21.00
40	PI/2 BPSK	50	0	19.50	19.63	19.47	21.00
40	PI/2 BPSK	50	28	19.73	19.77	19.75	21.00
40	PI/2 BPSK	50	56	19.65	19.75	19.62	21.00
40	PI/2 BPSK	100	0	19.53	19.67	19.55	21.00
40	QPSK	1	1	19.55	19.67	19.60	21.00
40	QPSK	1	53	19.56	19.65	19.56	21.00
40	QPSK	1	104	19.47	19.66	19.61	21.00
40	QPSK	50	0	19.65	19.70	19.62	21.00
40	QPSK	50	28	19.64	19.71	19.53	21.00
40	QPSK	50	56	19.54	19.65	19.59	21.00
40	QPSK	100	0	19.48	19.67	19.59	21.00
40	16QAM	1	1	19.66	19.73	19.69	21.00
40	64QAM	1	1	19.53	19.72	19.56	21.00
40	256QAM	1	1	19.53	19.68	19.61	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	19.61	19.78	19.64	21.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	19.70	19.69	19.69	21.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.64	19.65	19.74	21.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	19.64	19.75	19.62	21.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	19.73	19.65	19.68	21.00

【FR1 n38_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.64	21.77	21.67	23.00
40	PI/2 BPSK	1	53	21.45	21.69	21.52	23.00
40	PI/2 BPSK	1	104	21.44	21.72	21.50	23.00
40	PI/2 BPSK	50	0	21.42	21.63	21.49	23.00
40	PI/2 BPSK	50	28	21.56	21.76	21.64	23.00
40	PI/2 BPSK	50	56	21.51	21.74	21.52	23.00
40	PI/2 BPSK	100	0	21.40	21.67	21.49	23.00
40	QPSK	1	1	21.36	21.57	21.41	23.00
40	QPSK	1	53	21.47	21.62	21.44	23.00
40	QPSK	1	104	21.52	21.72	21.49	23.00
40	QPSK	50	0	21.42	21.64	21.39	23.00
40	QPSK	50	28	21.48	21.65	21.41	23.00
40	QPSK	50	56	21.49	21.74	21.53	23.00
40	QPSK	100	0	21.44	21.65	21.41	23.00
40	16QAM	1	1	21.29	21.51	21.31	23.00
40	64QAM	1	1	20.32	20.55	20.42	22.00
40	256QAM	1	1	18.26	18.50	18.30	20.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	21.61	21.65	21.57	23.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	21.62	21.63	21.65	23.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	

20	PI/2 BPSK	1	1	21.51	21.67	21.62	23.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.52	21.74	21.54	23.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.63	21.74	21.56	23.00

【FR1 n38_Ant 6_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.64	21.77	21.67	23.00
40	PI/2 BPSK	1	53	21.45	21.69	21.52	23.00
40	PI/2 BPSK	1	104	21.44	21.72	21.50	23.00
40	PI/2 BPSK	50	0	21.42	21.63	21.49	23.00
40	PI/2 BPSK	50	28	21.56	21.76	21.64	23.00
40	PI/2 BPSK	50	56	21.51	21.74	21.52	23.00
40	PI/2 BPSK	100	0	21.40	21.67	21.49	23.00
40	QPSK	1	1	21.36	21.57	21.41	23.00
40	QPSK	1	53	21.47	21.62	21.44	23.00
40	QPSK	1	104	21.52	21.72	21.49	23.00
40	QPSK	50	0	21.42	21.64	21.39	23.00
40	QPSK	50	28	21.48	21.65	21.41	23.00
40	QPSK	50	56	21.49	21.74	21.53	23.00
40	QPSK	100	0	21.44	21.65	21.41	23.00
40	16QAM	1	1	21.29	21.51	21.31	23.00
40	64QAM	1	1	20.32	20.55	20.42	22.00
40	256QAM	1	1	18.26	18.50	18.30	20.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	21.61	21.65	21.57	23.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	21.62	21.63	21.65	23.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.51	21.67	21.62	23.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.52	21.74	21.54	23.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.63	21.74	21.56	23.00

【FR1 n38_Ant 6_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	19.01	19.05	19.03	20.80
40	PI/2 BPSK	1	53	18.91	18.94	18.93	20.80
40	PI/2 BPSK	1	104	18.84	18.88	18.84	20.80
40	PI/2 BPSK	50	0	18.85	18.87	18.82	20.80
40	PI/2 BPSK	50	28	18.95	18.97	18.96	20.80
40	PI/2 BPSK	50	56	18.91	18.94	18.90	20.80
40	PI/2 BPSK	100	0	18.91	18.95	18.91	20.80
40	QPSK	1	1	18.93	18.96	18.90	20.80
40	QPSK	1	53	18.93	19.00	18.95	20.80
40	QPSK	1	104	18.88	18.90	18.85	20.80
40	QPSK	50	0	18.90	18.99	18.91	20.80
40	QPSK	50	28	18.92	18.97	18.90	20.80
40	QPSK	50	56	18.87	18.90	18.88	20.80
40	QPSK	100	0	18.88	18.90	18.86	20.80
40	16QAM	1	1	18.90	18.92	18.88	20.80
40	64QAM	1	1	18.93	18.96	18.94	20.80
40	256QAM	1	1	18.85	18.89	18.85	20.80

Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.97	18.99	19.01	20.80
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.97	19.03	18.98	20.80
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.00	19.04	19.01	20.80
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.96	19.03	18.97	20.80
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	19.00	19.01	18.98	20.80

【FR1 n38_Ant 6_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	19.06	19.23	19.14	20.00
40	PI/2 BPSK	1	53	18.95	19.13	18.99	20.00
40	PI/2 BPSK	1	104	18.96	19.21	19.03	20.00
40	PI/2 BPSK	50	0	18.93	19.08	19.08	20.00
40	PI/2 BPSK	50	28	19.18	19.21	19.07	20.00
40	PI/2 BPSK	50	56	18.90	19.07	19.09	20.00
40	PI/2 BPSK	100	0	19.08	19.18	18.94	20.00
40	QPSK	1	1	18.91	19.20	18.97	20.00
40	QPSK	1	53	18.95	19.21	19.09	20.00
40	QPSK	1	104	19.00	19.07	19.05	20.00
40	QPSK	50	0	18.88	19.12	19.00	20.00
40	QPSK	50	28	18.95	19.12	19.06	20.00
40	QPSK	50	56	18.92	19.14	19.06	20.00
40	QPSK	100	0	18.98	19.17	18.99	20.00
40	16QAM	1	1	18.93	19.06	18.88	20.00
40	64QAM	1	1	18.81	19.19	18.91	20.00
40	256QAM	1	1	18.80	19.14	19.04	20.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	19.04	19.13	19.04	20.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.95	19.10	19.09	20.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.96	19.19	19.07	20.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	19.03	19.21	19.08	20.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	19.02	19.10	19.02	20.00

【FR1 n38_Ant 6_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.35	21.39	21.38	21.50
40	PI/2 BPSK	1	53	21.23	21.35	21.27	21.50
40	PI/2 BPSK	1	104	21.14	21.32	21.26	21.50
40	PI/2 BPSK	50	0	21.15	21.24	21.17	21.50
40	PI/2 BPSK	50	28	21.33	21.37	21.35	21.50
40	PI/2 BPSK	50	56	21.26	21.32	21.16	21.50
40	PI/2 BPSK	100	0	21.17	21.34	21.31	21.50
40	QPSK	1	1	21.17	21.24	21.11	21.50
40	QPSK	1	53	21.14	21.32	21.26	21.50

40	QPSK	1	104	21.21	21.28	21.20	21.50
40	QPSK	50	0	21.22	21.33	21.31	21.50
40	QPSK	50	28	21.24	21.38	21.30	21.50
40	QPSK	50	56	21.30	21.37	21.30	21.50
40	QPSK	100	0	21.27	21.34	21.24	21.50
40	16QAM	1	1	21.23	21.31	21.19	21.50
40	64QAM	1	1	20.32	20.55	20.42	21.50
40	256QAM	1	1	18.26	18.50	18.30	20.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	21.33	21.29	21.33	21.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	21.33	21.25	21.34	21.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.22	21.25	21.30	21.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	21.21	21.29	21.34	21.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	21.21	21.27	21.33	21.50

【FR1 n38_Ant 6_DSI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.11	17.15	17.09	19.00
40	PI/2 BPSK	1	53	17.00	17.06	17.00	19.00
40	PI/2 BPSK	1	104	17.01	17.10	17.00	19.00
40	PI/2 BPSK	50	0	17.00	17.09	17.00	19.00
40	PI/2 BPSK	50	28	17.04	17.12	17.00	19.00
40	PI/2 BPSK	50	56	17.00	17.04	17.01	19.00
40	PI/2 BPSK	100	0	17.02	17.07	17.00	19.00
40	QPSK	1	1	17.00	17.10	17.00	19.00
40	QPSK	1	53	17.00	17.05	17.00	19.00
40	QPSK	1	104	17.03	17.11	17.00	19.00
40	QPSK	50	0	17.00	17.10	17.01	19.00
40	QPSK	50	28	17.02	17.08	17.00	19.00
40	QPSK	50	56	17.00	17.07	17.00	19.00
40	QPSK	100	0	17.04	17.12	17.01	19.00
40	16QAM	1	1	17.00	17.04	17.01	19.00
40	64QAM	1	1	17.00	17.08	17.00	19.00
40	256QAM	1	1	17.00	17.06	17.00	19.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.02	17.09	17.00	19.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.00	17.07	17.00	19.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.03	17.10	17.03	19.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.03	17.03	17.01	19.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.04	17.05	17.02	19.00

【FR1 n41_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	

100	PI/2 BPSK	1	1	23.38	23.45	23.43	24.00
100	PI/2 BPSK	1	137	23.17	23.28	23.13	24.00
100	PI/2 BPSK	1	271	23.19	23.35	23.25	24.00
100	PI/2 BPSK	135	0	23.21	23.42	23.36	24.00
100	PI/2 BPSK	135	69	23.35	23.44	23.41	24.00
100	PI/2 BPSK	135	138	23.21	23.40	23.30	24.00
100	PI/2 BPSK	270	0	23.25	23.39	23.28	24.00
100	QPSK	1	1	23.29	23.41	23.24	24.00
100	QPSK	1	137	23.25	23.37	23.21	24.00
100	QPSK	1	271	23.16	23.38	23.25	24.00
100	QPSK	135	0	23.14	23.33	23.28	24.00
100	QPSK	135	69	23.21	23.30	23.24	24.00
100	QPSK	135	138	23.15	23.28	23.16	24.00
100	QPSK	270	0	23.28	23.40	23.35	24.00
100	16QAM	1	1	23.25	23.38	23.29	24.00
100	64QAM	1	1	23.25	23.40	23.28	24.00
100	256QAM	1	1	22.17	22.37	22.24	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.25	23.34	23.39	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.33	23.43	23.40	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.37	23.31	23.36	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.33	23.36	23.30	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.35	23.35	23.32	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.30	23.37	23.40	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.37	23.40	23.39	24.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.30	23.41	23.39	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.31	23.31	23.34	24.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.29	23.38	23.32	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.28	23.40	23.41	24.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.26	23.35	23.30	24.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.27	23.40	23.29	24.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.38	23.45	23.43	24.00
100	PI/2 BPSK	1	137	23.17	23.28	23.13	24.00
100	PI/2 BPSK	1	271	23.19	23.35	23.25	24.00
100	PI/2 BPSK	135	0	23.21	23.42	23.36	24.00
100	PI/2 BPSK	135	69	23.35	23.44	23.41	24.00
100	PI/2 BPSK	135	138	23.21	23.40	23.30	24.00
100	PI/2 BPSK	270	0	23.25	23.39	23.28	24.00
100	QPSK	1	1	23.29	23.41	23.24	24.00
100	QPSK	1	137	23.25	23.37	23.21	24.00
100	QPSK	1	271	23.16	23.38	23.25	24.00
100	QPSK	135	0	23.14	23.33	23.28	24.00

100	QPSK	135	69	23.21	23.30	23.24	24.00
100	QPSK	135	138	23.15	23.28	23.16	24.00
100	QPSK	270	0	23.28	23.40	23.35	24.00
100	16QAM	1	1	23.25	23.38	23.29	24.00
100	64QAM	1	1	23.25	23.40	23.28	24.00
100	256QAM	1	1	22.17	22.37	22.24	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.25	23.34	23.39	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.33	23.43	23.40	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.37	23.31	23.36	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.33	23.36	23.30	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.35	23.35	23.32	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.30	23.37	23.40	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.37	23.40	23.39	24.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.30	23.41	23.39	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.31	23.31	23.34	24.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.29	23.38	23.32	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.28	23.40	23.41	24.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.26	23.35	23.30	24.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.27	23.40	23.29	24.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.09	23.36	23.15	24.00
100	PI/2 BPSK	1	137	22.93	23.23	22.92	24.00
100	PI/2 BPSK	1	271	22.88	23.18	22.83	24.00
100	PI/2 BPSK	135	0	22.85	23.16	22.88	23.50
100	PI/2 BPSK	135	69	22.96	23.35	23.03	24.00
100	PI/2 BPSK	135	138	22.90	23.24	22.96	23.50
100	PI/2 BPSK	270	0	22.82	23.23	22.89	23.50
100	QPSK	1	1	22.90	23.25	22.97	24.00
100	QPSK	1	137	22.75	23.16	22.85	24.00
100	QPSK	1	271	22.82	23.22	22.87	24.00
100	QPSK	135	0	22.41	22.71	22.39	23.00
100	QPSK	135	69	22.90	23.24	23.00	24.00
100	QPSK	135	138	22.46	22.78	22.44	23.00
100	QPSK	270	0	22.42	22.75	22.42	23.00
100	16QAM	1	1	22.40	22.72	22.42	23.00
100	64QAM	1	1	20.83	21.18	20.91	21.50
100	256QAM	1	1	18.87	19.18	18.96	19.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.02	23.32	23.03	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)

80	PI/2 BPSK	1	1	22.95	23.28	23.08	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.02	23.27	23.05	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.06	23.33	23.12	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.99	23.28	23.01	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.06	23.27	23.04	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.01	23.33	23.03	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.95	23.27	23.12	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.06	23.30	23.04	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.01	23.27	23.14	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.07	23.31	23.03	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.94	23.28	23.07	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.08	23.31	23.07	24.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.38	23.45	23.43	24.00
100	PI/2 BPSK	1	137	23.17	23.28	23.13	24.00
100	PI/2 BPSK	1	271	23.19	23.35	23.25	24.00
100	PI/2 BPSK	135	0	23.21	23.42	23.36	24.00
100	PI/2 BPSK	135	69	23.35	23.44	23.41	24.00
100	PI/2 BPSK	135	138	23.21	23.40	23.30	24.00
100	PI/2 BPSK	270	0	23.25	23.39	23.28	24.00
100	QPSK	1	1	23.29	23.41	23.24	24.00
100	QPSK	1	137	23.25	23.37	23.21	24.00
100	QPSK	1	271	23.16	23.38	23.25	24.00
100	QPSK	135	0	23.14	23.33	23.28	24.00
100	QPSK	135	69	23.21	23.30	23.24	24.00
100	QPSK	135	138	23.15	23.28	23.16	24.00
100	QPSK	270	0	23.28	23.40	23.35	24.00
100	16QAM	1	1	23.25	23.38	23.29	24.00
100	64QAM	1	1	23.25	23.40	23.28	24.00
100	256QAM	1	1	22.17	22.37	22.24	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.25	23.34	23.39	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.33	23.43	23.40	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.37	23.31	23.36	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.33	23.36	23.30	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.35	23.35	23.32	24.00
Channel				503700	518598	533496	Tune-up limit

Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.30	23.37	23.40	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.37	23.40	23.39	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.30	23.41	23.39	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.31	23.31	23.34	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.29	23.38	23.32	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.28	23.40	23.41	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.26	23.35	23.30	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.27	23.40	23.29	24.00

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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)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.38	23.45	23.43	24.00
100	PI/2 BPSK	1	137	23.17	23.28	23.13	24.00
100	PI/2 BPSK	1	271	23.19	23.35	23.25	24.00
100	PI/2 BPSK	135	0	23.21	23.42	23.36	24.00
100	PI/2 BPSK	135	69	23.35	23.44	23.41	24.00
100	PI/2 BPSK	135	138	23.21	23.40	23.30	24.00
100	PI/2 BPSK	270	0	23.25	23.39	23.28	24.00
100	QPSK	1	1	23.29	23.41	23.24	24.00
100	QPSK	1	137	23.25	23.37	23.21	24.00
100	QPSK	1	271	23.16	23.38	23.25	24.00
100	QPSK	135	0	23.14	23.33	23.28	24.00
100	QPSK	135	69	23.21	23.30	23.24	24.00
100	QPSK	135	138	23.15	23.28	23.16	24.00
100	QPSK	270	0	23.28	23.40	23.35	24.00
100	16QAM	1	1	23.25	23.38	23.29	24.00
100	64QAM	1	1	23.25	23.40	23.28	24.00
100	256QAM	1	1	22.17	22.37	22.24	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.25	23.34	23.39	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.33	23.43	23.40	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.37	23.31	23.36	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.33	23.36	23.30	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.35	23.35	23.32	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.30	23.37	23.40	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.37	23.40	23.39	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.30	23.41	23.39	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.31	23.31	23.34	24.00

Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.29	23.38	23.32	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.28	23.40	23.41	24.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.26	23.35	23.30	24.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.27	23.40	23.29	24.00

【FR1 n41_Ant 0_DSI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.38	23.45	23.43	23.70
100	PI/2 BPSK	1	137	23.17	23.28	23.13	23.70
100	PI/2 BPSK	1	271	23.19	23.35	23.25	23.70
100	PI/2 BPSK	135	0	23.21	23.42	23.36	23.70
100	PI/2 BPSK	135	69	23.35	23.44	23.41	23.70
100	PI/2 BPSK	135	138	23.21	23.40	23.30	23.70
100	PI/2 BPSK	270	0	23.25	23.39	23.28	23.70
100	QPSK	1	1	23.29	23.41	23.24	23.70
100	QPSK	1	137	23.25	23.37	23.21	23.70
100	QPSK	1	271	23.16	23.38	23.25	23.70
100	QPSK	135	0	23.14	23.33	23.28	23.70
100	QPSK	135	69	23.21	23.30	23.24	23.70
100	QPSK	135	138	23.15	23.28	23.16	23.70
100	QPSK	270	0	23.28	23.40	23.35	23.70
100	16QAM	1	1	23.25	23.38	23.29	23.70
100	64QAM	1	1	23.25	23.40	23.28	23.70
100	256QAM	1	1	22.17	22.37	22.24	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.25	23.34	23.39	23.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.33	23.43	23.40	23.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.37	23.31	23.36	23.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.33	23.36	23.30	23.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.35	23.35	23.32	23.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.30	23.37	23.40	23.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.37	23.40	23.39	23.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.30	23.41	23.39	23.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.31	23.31	23.34	23.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.29	23.38	23.32	23.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.28	23.40	23.41	23.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.26	23.35	23.30	23.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)

10	PI/2 BPSK	1	1	23.27	23.40	23.29	23.70
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【FR1 n41_HPUE_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.34	26.44	26.39	27.00
100	PI/2 BPSK	1	137	26.17	26.40	26.32	27.00
100	PI/2 BPSK	1	271	26.15	26.32	26.12	27.00
100	PI/2 BPSK	135	0	26.08	26.31	26.17	27.00
100	PI/2 BPSK	135	69	26.28	26.41	26.31	27.00
100	PI/2 BPSK	135	138	26.17	26.40	26.30	27.00
100	PI/2 BPSK	270	0	26.23	26.37	26.19	27.00
100	QPSK	1	1	26.28	26.42	26.23	27.00
100	QPSK	1	137	26.10	26.28	26.14	27.00
100	QPSK	1	271	26.19	26.40	26.31	27.00
100	QPSK	135	0	26.20	26.33	26.14	27.00
100	QPSK	135	69	26.04	26.28	26.16	27.00
100	QPSK	135	138	26.10	26.33	26.26	27.00
100	QPSK	270	0	26.17	26.38	26.30	27.00
100	16QAM	1	1	26.18	26.35	26.27	27.00
100	64QAM	1	1	24.14	24.36	24.21	25.00
100	256QAM	1	1	22.22	22.41	22.30	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.30	26.41	26.31	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.33	26.37	26.24	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.19	26.29	26.30	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.23	26.41	26.27	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.21	26.30	26.33	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.22	26.35	26.36	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.24	26.31	26.33	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.23	26.35	26.35	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.22	26.34	26.25	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.22	26.30	26.29	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.33	26.40	26.33	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.20	26.33	26.36	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.26	26.29	26.33	27.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)							

Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.34	26.44	26.39	27.00
100	PI/2 BPSK	1	137	26.17	26.40	26.32	27.00
100	PI/2 BPSK	1	271	26.15	26.32	26.12	27.00
100	PI/2 BPSK	135	0	26.08	26.31	26.17	27.00
100	PI/2 BPSK	135	69	26.28	26.41	26.31	27.00
100	PI/2 BPSK	135	138	26.17	26.40	26.30	27.00
100	PI/2 BPSK	270	0	26.23	26.37	26.19	27.00
100	QPSK	1	1	26.28	26.42	26.23	27.00
100	QPSK	1	137	26.10	26.28	26.14	27.00
100	QPSK	1	271	26.19	26.40	26.31	27.00
100	QPSK	135	0	26.20	26.33	26.14	27.00
100	QPSK	135	69	26.04	26.28	26.16	27.00
100	QPSK	135	138	26.10	26.33	26.26	27.00
100	QPSK	270	0	26.17	26.38	26.30	27.00
100	16QAM	1	1	26.18	26.35	26.27	27.00
100	64QAM	1	1	24.14	24.36	24.21	25.00
100	256QAM	1	1	22.22	22.41	22.30	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.30	26.41	26.31	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.33	26.37	26.24	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.19	26.29	26.30	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.23	26.41	26.27	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.21	26.30	26.33	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.22	26.35	26.36	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.24	26.31	26.33	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.23	26.35	26.35	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.22	26.34	26.25	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.22	26.30	26.29	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.33	26.40	26.33	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.20	26.33	26.36	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.26	26.29	26.33	27.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.08	26.36	26.13	27.00
100	PI/2 BPSK	1	137	25.91	26.21	25.84	27.00
100	PI/2 BPSK	1	271	25.82	26.19	25.90	27.00
100	PI/2 BPSK	135	0	25.83	26.16	25.79	26.50
100	PI/2 BPSK	135	69	25.95	26.34	26.01	27.00
100	PI/2 BPSK	135	138	25.84	26.25	25.99	26.50
100	PI/2 BPSK	270	0	25.91	26.21	25.90	26.50
100	QPSK	1	1	25.85	26.24	25.94	27.00
100	QPSK	1	137	25.81	26.16	25.83	27.00
100	QPSK	1	271	25.92	26.22	25.85	27.00

100	QPSK	135	0	25.34	25.70	25.45	26.00
100	QPSK	135	69	25.82	26.25	25.93	27.00
100	QPSK	135	138	25.36	25.78	25.47	26.00
100	QPSK	270	0	25.40	25.74	25.45	26.00
100	16QAM	1	1	25.40	25.70	25.41	26.00
100	64QAM	1	1	23.86	24.19	23.85	24.50
100	256QAM	1	1	21.87	22.17	21.92	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.06	26.26	26.11	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.00	26.24	26.10	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.01	26.24	26.02	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.99	26.24	26.05	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.96	26.29	26.06	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.05	26.34	26.07	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.06	26.22	26.12	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.04	26.30	26.03	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.03	26.25	26.11	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.05	26.24	25.99	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.93	26.33	26.10	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.98	26.29	26.09	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.98	26.25	26.06	27.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.34	26.44	26.39	27.00
100	PI/2 BPSK	1	137	26.17	26.40	26.32	27.00
100	PI/2 BPSK	1	271	26.15	26.32	26.12	27.00
100	PI/2 BPSK	135	0	26.08	26.31	26.17	27.00
100	PI/2 BPSK	135	69	26.28	26.41	26.31	27.00
100	PI/2 BPSK	135	138	26.17	26.40	26.30	27.00
100	PI/2 BPSK	270	0	26.23	26.37	26.19	27.00
100	QPSK	1	1	26.28	26.42	26.23	27.00
100	QPSK	1	137	26.10	26.28	26.14	27.00
100	QPSK	1	271	26.19	26.40	26.31	27.00
100	QPSK	135	0	26.20	26.33	26.14	27.00
100	QPSK	135	69	26.04	26.28	26.16	27.00
100	QPSK	135	138	26.10	26.33	26.26	27.00
100	QPSK	270	0	26.17	26.38	26.30	27.00
100	16QAM	1	1	26.18	26.35	26.27	27.00
100	64QAM	1	1	24.14	24.36	24.21	25.00
100	256QAM	1	1	22.22	22.41	22.30	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.30	26.41	26.31	27.00
Channel				507204	518598	529998	Tune-up limit

Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.33	26.37	26.24	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.19	26.29	26.30	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.23	26.41	26.27	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.21	26.30	26.33	27.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.22	26.35	26.36	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.24	26.31	26.33	27.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.23	26.35	26.35	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.22	26.34	26.25	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.22	26.30	26.29	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.33	26.40	26.33	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.20	26.33	26.36	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.26	26.29	26.33	27.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.34	26.44	26.39	27.00
100	PI/2 BPSK	1	137	26.17	26.40	26.32	27.00
100	PI/2 BPSK	1	271	26.15	26.32	26.12	27.00
100	PI/2 BPSK	135	0	26.08	26.31	26.17	27.00
100	PI/2 BPSK	135	69	26.28	26.41	26.31	27.00
100	PI/2 BPSK	135	138	26.17	26.40	26.30	27.00
100	PI/2 BPSK	270	0	26.23	26.37	26.19	27.00
100	QPSK	1	1	26.28	26.42	26.23	27.00
100	QPSK	1	137	26.10	26.28	26.14	27.00
100	QPSK	1	271	26.19	26.40	26.31	27.00
100	QPSK	135	0	26.20	26.33	26.14	27.00
100	QPSK	135	69	26.04	26.28	26.16	27.00
100	QPSK	135	138	26.10	26.33	26.26	27.00
100	QPSK	270	0	26.17	26.38	26.30	27.00
100	16QAM	1	1	26.18	26.35	26.27	27.00
100	64QAM	1	1	24.14	24.36	24.21	25.00
100	256QAM	1	1	22.22	22.41	22.30	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.30	26.41	26.31	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.33	26.37	26.24	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.19	26.29	26.30	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.23	26.41	26.27	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.21	26.30	26.33	27.00

Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.22	26.35	26.36	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.24	26.31	26.33	27.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.23	26.35	26.35	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.22	26.34	26.25	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.22	26.30	26.29	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.33	26.40	26.33	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.20	26.33	26.36	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.26	26.29	26.33	27.00

【FR1 n41_HPUE_Ant 0_DSI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.34	26.44	26.39	26.70
100	PI/2 BPSK	1	137	26.17	26.40	26.32	26.70
100	PI/2 BPSK	1	271	26.15	26.32	26.12	26.70
100	PI/2 BPSK	135	0	26.08	26.31	26.17	26.70
100	PI/2 BPSK	135	69	26.28	26.41	26.31	26.70
100	PI/2 BPSK	135	138	26.17	26.40	26.30	26.70
100	PI/2 BPSK	270	0	26.23	26.37	26.19	26.70
100	QPSK	1	1	26.28	26.42	26.23	26.70
100	QPSK	1	137	26.10	26.28	26.14	26.70
100	QPSK	1	271	26.19	26.40	26.31	26.70
100	QPSK	135	0	26.20	26.33	26.14	26.70
100	QPSK	135	69	26.04	26.28	26.16	26.70
100	QPSK	135	138	26.10	26.33	26.26	26.70
100	QPSK	270	0	26.17	26.38	26.30	26.70
100	16QAM	1	1	26.18	26.35	26.27	26.70
100	64QAM	1	1	24.14	24.36	24.21	25.00
100	256QAM	1	1	22.22	22.41	22.30	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.30	26.41	26.31	26.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.33	26.37	26.24	26.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.19	26.29	26.30	26.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.23	26.41	26.27	26.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.21	26.30	26.33	26.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.22	26.35	26.36	26.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.24	26.31	26.33	26.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.23	26.35	26.35	26.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)

30	PI/2 BPSK	1	1	26.22	26.34	26.25	26.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.22	26.30	26.29	26.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.33	26.40	26.33	26.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.20	26.33	26.36	26.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.26	26.29	26.33	26.70

【FR1 n41_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.14	23.22	23.13	24.00
100	PI/2 BPSK	1	137	22.86	23.00	22.89	24.00
100	PI/2 BPSK	1	271	22.86	23.03	22.88	24.00
100	PI/2 BPSK	135	0	22.93	23.12	22.95	24.00
100	PI/2 BPSK	135	69	23.11	23.18	23.15	24.00
100	PI/2 BPSK	135	138	22.82	23.04	22.87	24.00
100	PI/2 BPSK	270	0	22.96	23.06	22.87	24.00
100	QPSK	1	1	23.09	23.21	23.02	24.00
100	QPSK	1	137	22.84	23.01	22.82	24.00
100	QPSK	1	271	22.84	23.03	22.92	24.00
100	QPSK	135	0	22.87	23.07	22.89	24.00
100	QPSK	135	69	22.95	23.14	23.00	24.00
100	QPSK	135	138	22.93	23.02	22.79	24.00
100	QPSK	270	0	22.94	23.06	22.85	24.00
100	16QAM	1	1	23.05	23.18	23.04	24.00
100	64QAM	1	1	23.01	23.14	23.02	24.00
100	256QAM	1	1	21.93	22.12	21.94	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.01	23.13	23.00	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.99	23.17	23.03	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.00	23.07	23.00	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.06	23.08	23.09	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.02	23.14	23.04	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.06	23.18	23.04	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.08	23.20	23.12	24.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.08	23.14	22.99	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.02	23.09	23.06	24.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.00	23.09	22.99	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.99	23.10	23.03	24.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.00	23.13	23.02	24.00
Channel				500202	518598	537000	Tune-up limit

Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.05	23.09	23.03	24.00

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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)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.14	23.22	23.13	24.00
100	PI/2 BPSK	1	137	22.86	23.00	22.89	24.00
100	PI/2 BPSK	1	271	22.86	23.03	22.88	24.00
100	PI/2 BPSK	135	0	22.93	23.12	22.95	24.00
100	PI/2 BPSK	135	69	23.11	23.18	23.15	24.00
100	PI/2 BPSK	135	138	22.82	23.04	22.87	24.00
100	PI/2 BPSK	270	0	22.96	23.06	22.87	24.00
100	QPSK	1	1	23.09	23.21	23.02	24.00
100	QPSK	1	137	22.84	23.01	22.82	24.00
100	QPSK	1	271	22.84	23.03	22.92	24.00
100	QPSK	135	0	22.87	23.07	22.89	24.00
100	QPSK	135	69	22.95	23.14	23.00	24.00
100	QPSK	135	138	22.93	23.02	22.79	24.00
100	QPSK	270	0	22.94	23.06	22.85	24.00
100	16QAM	1	1	23.05	23.18	23.04	24.00
100	64QAM	1	1	23.01	23.14	23.02	24.00
100	256QAM	1	1	21.93	22.12	21.94	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.01	23.13	23.00	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.99	23.17	23.03	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.00	23.07	23.00	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.06	23.08	23.09	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.02	23.14	23.04	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.06	23.18	23.04	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.08	23.20	23.12	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.08	23.14	22.99	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.02	23.09	23.06	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.00	23.09	22.99	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.99	23.10	23.03	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.00	23.13	23.02	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.05	23.09	23.03	24.00

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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)
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Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.21	20.30	20.11	21.10
100	PI/2 BPSK	1	137	20.17	20.28	20.07	21.10
100	PI/2 BPSK	1	271	20.16	20.18	20.15	21.10
100	PI/2 BPSK	135	0	20.10	20.17	20.13	21.10
100	PI/2 BPSK	135	69	20.11	20.29	20.19	21.10
100	PI/2 BPSK	135	138	20.08	20.23	20.16	21.10
100	PI/2 BPSK	270	0	20.15	20.15	20.06	21.10
100	QPSK	1	1	20.16	20.28	20.06	21.10
100	QPSK	1	137	20.03	20.15	19.87	21.10
100	QPSK	1	271	20.04	20.23	19.92	21.10
100	QPSK	135	0	20.08	20.25	19.92	21.10
100	QPSK	135	69	20.01	20.19	19.97	21.10
100	QPSK	135	138	20.05	20.25	19.94	21.10
100	QPSK	270	0	20.09	20.24	19.97	21.10
100	16QAM	1	1	20.06	20.19	19.89	21.10
100	64QAM	1	1	20.06	20.22	19.94	21.10
100	256QAM	1	1	20.02	20.25	19.95	20.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.07	20.18	20.04	21.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.08	20.26	20.00	21.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.17	20.16	20.00	21.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.16	20.20	20.10	21.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.08	20.23	20.00	21.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.13	20.16	19.97	21.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.11	20.27	20.07	21.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.11	20.26	19.99	21.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.18	20.18	20.07	21.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.15	20.21	20.06	21.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.19	20.20	20.04	21.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.17	20.18	20.04	21.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.10	20.25	20.01	21.10

【FR1 n41_Ant 1_DSI 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	18.21	18.28	18.11	19.20
100	PI/2 BPSK	1	137	18.14	18.26	18.09	19.20
100	PI/2 BPSK	1	271	18.15	18.26	18.09	19.20
100	PI/2 BPSK	135	0	18.10	18.20	18.08	19.20
100	PI/2 BPSK	135	69	18.17	18.26	18.07	19.20
100	PI/2 BPSK	135	138	18.10	18.17	18.19	19.20
100	PI/2 BPSK	270	0	18.14	18.27	18.06	19.20
100	QPSK	1	1	18.09	18.26	18.10	19.20
100	QPSK	1	137	18.14	18.22	18.10	19.20

100	QPSK	1	271	18.15	18.22	18.17	19.20
100	QPSK	135	0	18.18	18.21	18.12	19.20
100	QPSK	135	69	18.13	18.20	18.19	19.20
100	QPSK	135	138	18.21	18.20	18.21	19.20
100	QPSK	270	0	18.16	18.20	18.20	19.20
100	16QAM	1	1	18.16	18.25	18.13	19.20
100	64QAM	1	1	18.18	18.16	18.08	19.20
100	256QAM	1	1	18.12	18.27	18.14	19.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.17	18.13	18.02	19.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.09	18.24	17.98	19.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.10	18.13	18.02	19.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.08	18.26	17.98	19.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.19	18.26	17.97	19.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.14	18.15	18.05	19.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.13	18.17	18.02	19.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.10	18.26	18.06	19.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.19	18.24	17.96	19.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.10	18.26	18.09	19.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.13	18.18	18.09	19.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.18	18.24	18.00	19.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.15	18.22	17.96	19.20

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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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.56	21.64	21.61	22.80
100	PI/2 BPSK	1	137	21.31	21.52	21.41	22.80
100	PI/2 BPSK	1	271	21.33	21.49	21.39	22.80
100	PI/2 BPSK	135	0	21.26	21.47	21.31	22.80
100	PI/2 BPSK	135	69	21.55	21.61	21.59	22.80
100	PI/2 BPSK	135	138	21.43	21.58	21.41	22.80
100	PI/2 BPSK	270	0	21.40	21.58	21.47	22.80
100	QPSK	1	1	21.31	21.50	21.34	22.80
100	QPSK	1	137	21.42	21.59	21.41	22.80
100	QPSK	1	271	21.44	21.54	21.49	22.80
100	QPSK	135	0	21.50	21.60	21.42	22.80
100	QPSK	135	69	21.33	21.51	21.35	22.80
100	QPSK	135	138	21.33	21.50	21.35	22.80
100	QPSK	270	0	21.40	21.54	21.39	22.80
100	16QAM	1	1	21.35	21.52	21.36	22.80
100	64QAM	1	1	21.42	21.52	21.44	22.80
100	256QAM	1	1	21.30	21.48	21.42	22.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.48	21.54	21.56	22.80

Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	21.45	21.51	21.52	22.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	21.44	21.55	21.57	22.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	21.48	21.59	21.50	22.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	21.47	21.51	21.55	22.80
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	21.43	21.53	21.54	22.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.41	21.51	21.47	22.80
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	21.47	21.56	21.51	22.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	21.43	21.52	21.57	22.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	21.47	21.49	21.56	22.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.47	21.55	21.58	22.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	21.47	21.51	21.50	22.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	21.48	21.61	21.48	22.80

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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	18.21	18.28	18.11	19.20
100	PI/2 BPSK	1	137	18.14	18.26	18.09	19.20
100	PI/2 BPSK	1	271	18.15	18.26	18.09	19.20
100	PI/2 BPSK	135	0	18.10	18.20	18.08	19.20
100	PI/2 BPSK	135	69	18.17	18.26	18.07	19.20
100	PI/2 BPSK	135	138	18.10	18.17	18.19	19.20
100	PI/2 BPSK	270	0	18.14	18.27	18.06	19.20
100	QPSK	1	1	18.09	18.26	18.10	19.20
100	QPSK	1	137	18.14	18.22	18.10	19.20
100	QPSK	1	271	18.15	18.22	18.17	19.20
100	QPSK	135	0	18.18	18.21	18.12	19.20
100	QPSK	135	69	18.13	18.20	18.19	19.20
100	QPSK	135	138	18.21	18.20	18.21	19.20
100	QPSK	270	0	18.16	18.20	18.20	19.20
100	16QAM	1	1	18.16	18.25	18.13	19.20
100	64QAM	1	1	18.18	18.16	18.08	19.20
100	256QAM	1	1	18.12	18.27	18.14	19.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.17	18.13	18.02	19.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.09	18.24	17.98	19.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.10	18.13	18.02	19.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.08	18.26	17.98	19.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)

50	PI/2 BPSK	1	1	18.19	18.26	17.97	19.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.14	18.15	18.05	19.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.13	18.17	18.02	19.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.10	18.26	18.06	19.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.19	18.24	17.96	19.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.10	18.26	18.09	19.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.13	18.18	18.09	19.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.18	18.24	18.00	19.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.15	18.22	17.96	19.20

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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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.11	26.24	26.14	27.00
100	PI/2 BPSK	1	137	25.77	26.03	25.85	27.00
100	PI/2 BPSK	1	271	25.79	26.02	25.84	27.00
100	PI/2 BPSK	135	0	25.93	26.13	25.92	27.00
100	PI/2 BPSK	135	69	26.15	26.17	26.13	27.00
100	PI/2 BPSK	135	138	25.81	25.97	25.77	27.00
100	PI/2 BPSK	270	0	25.83	25.98	25.85	27.00
100	QPSK	1	1	25.93	26.16	25.93	27.00
100	QPSK	1	137	25.75	25.99	25.78	27.00
100	QPSK	1	271	25.80	25.98	25.84	27.00
100	QPSK	135	0	25.35	25.61	25.39	26.50
100	QPSK	135	69	25.86	26.04	25.88	27.00
100	QPSK	135	138	25.32	25.55	25.37	26.50
100	QPSK	270	0	25.31	25.56	25.41	26.50
100	16QAM	1	1	25.28	25.54	25.33	26.50
100	64QAM	1	1	23.26	23.48	23.30	24.50
100	256QAM	1	1	21.22	21.46	21.25	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.00	26.22	26.06	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.01	26.28	26.07	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.96	26.10	26.04	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.03	26.22	26.00	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.08	26.13	26.12	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.00	26.11	26.06	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.09	26.20	26.04	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.07	26.18	26.10	27.00
Channel				502200	518598	534996	Tune-up limit

Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.05	26.18	26.11	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.99	26.17	26.06	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.06	26.22	26.06	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.09	26.14	26.03	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.97	26.10	26.02	27.00

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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)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.11	26.24	26.14	27.00
100	PI/2 BPSK	1	137	25.77	26.03	25.85	27.00
100	PI/2 BPSK	1	271	25.79	26.02	25.84	27.00
100	PI/2 BPSK	135	0	25.93	26.13	25.92	27.00
100	PI/2 BPSK	135	69	26.15	26.17	26.13	27.00
100	PI/2 BPSK	135	138	25.81	25.97	25.77	27.00
100	PI/2 BPSK	270	0	25.83	25.98	25.85	27.00
100	QPSK	1	1	25.93	26.16	25.93	27.00
100	QPSK	1	137	25.75	25.99	25.78	27.00
100	QPSK	1	271	25.80	25.98	25.84	27.00
100	QPSK	135	0	25.35	25.61	25.39	26.50
100	QPSK	135	69	25.86	26.04	25.88	27.00
100	QPSK	135	138	25.32	25.55	25.37	26.50
100	QPSK	270	0	25.31	25.56	25.41	26.50
100	16QAM	1	1	25.28	25.54	25.33	26.50
100	64QAM	1	1	23.26	23.48	23.30	24.50
100	256QAM	1	1	21.22	21.46	21.25	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.00	26.22	26.06	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.01	26.22	26.07	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.96	26.10	26.04	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.03	26.22	26.00	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.08	26.13	26.12	27.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.00	26.11	26.06	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.09	26.20	26.04	27.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.07	26.18	26.10	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.05	26.18	26.11	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.99	26.17	26.06	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.06	26.22	26.06	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.09	26.14	26.03	27.00

Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.97	26.10	26.02	27.00

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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)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.08	23.26	23.13	24.10
100	PI/2 BPSK	1	137	22.78	23.06	22.82	24.10
100	PI/2 BPSK	1	271	22.76	22.99	22.87	24.10
100	PI/2 BPSK	135	0	22.89	23.05	22.86	24.10
100	PI/2 BPSK	135	69	23.09	23.15	23.05	24.10
100	PI/2 BPSK	135	138	22.77	22.94	22.75	24.10
100	PI/2 BPSK	270	0	22.75	23.04	22.89	24.10
100	QPSK	1	1	22.94	23.20	23.03	24.10
100	QPSK	1	137	22.92	23.20	23.01	24.10
100	QPSK	1	271	22.87	23.19	22.97	24.10
100	QPSK	135	0	22.87	23.19	23.03	24.10
100	QPSK	135	69	22.98	23.18	22.90	24.10
100	QPSK	135	138	23.03	23.23	22.99	24.10
100	QPSK	270	0	22.98	23.21	23.06	24.10
100	16QAM	1	1	22.87	23.18	22.94	24.10
100	64QAM	1	1	22.96	23.23	22.97	24.10
100	256QAM	1	1	21.22	21.46	21.25	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.97	23.22	23.07	24.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.03	23.23	22.99	24.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.93	23.21	23.03	24.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.98	23.21	23.03	24.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.01	23.23	23.08	24.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.95	23.18	23.07	24.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.07	23.13	23.07	24.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.98	23.21	23.05	24.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.07	23.21	23.01	24.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.01	23.14	23.04	24.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.99	23.15	23.04	24.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.06	23.25	23.12	24.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.94	23.15	23.01	24.10

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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	21.17	21.35	21.19	22.20
100	PI/2 BPSK	1	137	21.20	21.23	20.98	22.20
100	PI/2 BPSK	1	271	21.10	21.22	21.13	22.20
100	PI/2 BPSK	135	0	21.22	21.27	21.11	22.20
100	PI/2 BPSK	135	69	21.23	21.13	21.19	22.20
100	PI/2 BPSK	135	138	21.06	21.19	21.22	22.20
100	PI/2 BPSK	270	0	21.21	21.17	21.10	22.20
100	QPSK	1	1	21.21	21.32	21.11	22.20
100	QPSK	1	137	21.11	21.25	21.01	22.20
100	QPSK	1	271	21.12	21.20	21.11	22.20
100	QPSK	135	0	21.16	21.30	21.18	22.20
100	QPSK	135	69	21.05	21.28	21.15	22.20
100	QPSK	135	138	21.12	21.18	21.14	22.20
100	QPSK	270	0	21.19	21.25	21.05	22.20
100	16QAM	1	1	21.09	21.29	21.15	22.20
100	64QAM	1	1	21.15	21.14	21.18	22.20
100	256QAM	1	1	21.13	21.17	21.19	22.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.12	21.21	21.12	22.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.15	21.24	21.05	22.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.07	21.22	21.17	22.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.12	21.25	21.11	22.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.12	21.33	21.12	22.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.12	21.34	21.18	22.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.09	21.33	21.11	22.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.16	21.22	21.11	22.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.12	21.24	21.05	22.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.14	21.32	21.09	22.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.13	21.32	21.09	22.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.03	21.23	21.07	22.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.16	21.26	21.14	22.20

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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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.61	24.65	24.63	25.80
100	PI/2 BPSK	1	137	24.50	24.61	24.47	25.80
100	PI/2 BPSK	1	271	24.44	24.63	24.59	25.80

100	PI/2 BPSK	135	0	24.42	24.60	24.55	25.80
100	PI/2 BPSK	135	69	24.56	24.62	24.57	25.80
100	PI/2 BPSK	135	138	24.44	24.55	24.41	25.80
100	PI/2 BPSK	270	0	24.44	24.59	24.46	25.80
100	QPSK	1	1	24.39	24.57	24.53	25.80
100	QPSK	1	137	24.45	24.62	24.56	25.80
100	QPSK	1	271	24.51	24.58	24.50	25.80
100	QPSK	135	0	24.41	24.50	24.44	25.80
100	QPSK	135	69	24.31	24.50	24.36	25.80
100	QPSK	135	138	24.42	24.52	24.36	25.80
100	QPSK	270	0	24.43	24.60	24.53	25.80
100	16QAM	1	1	24.51	24.63	24.54	25.80
100	64QAM	1	1	23.26	23.48	23.30	24.50
100	256QAM	1	1	21.22	21.46	21.25	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.59	24.58	24.56	25.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.55	24.60	24.55	25.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.49	24.58	24.57	25.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.52	24.53	24.61	25.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.58	24.53	24.49	25.80
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.58	24.59	24.56	25.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.46	24.56	24.54	25.80
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.57	24.51	24.54	25.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.59	24.53	24.57	25.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	24.50	24.61	24.49	25.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.59	24.51	24.55	25.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	24.51	24.52	24.60	25.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.49	24.53	24.56	25.80

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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	21.17	21.35	21.19	22.20
100	PI/2 BPSK	1	137	21.20	21.23	20.98	22.20
100	PI/2 BPSK	1	271	21.10	21.22	21.13	22.20
100	PI/2 BPSK	135	0	21.22	21.27	21.11	22.20
100	PI/2 BPSK	135	69	21.23	21.13	21.19	22.20
100	PI/2 BPSK	135	138	21.06	21.19	21.22	22.20
100	PI/2 BPSK	270	0	21.21	21.17	21.10	22.20
100	QPSK	1	1	21.21	21.32	21.11	22.20
100	QPSK	1	137	21.11	21.25	21.01	22.20
100	QPSK	1	271	21.12	21.20	21.11	22.20
100	QPSK	135	0	21.16	21.30	21.18	22.20
100	QPSK	135	69	21.05	21.28	21.15	22.20
100	QPSK	135	138	21.12	21.18	21.14	22.20
100	QPSK	270	0	21.19	21.25	21.05	22.20

100	16QAM	1	1	21.09	21.29	21.15	22.20
100	64QAM	1	1	21.15	21.14	21.18	22.20
100	256QAM	1	1	21.13	21.17	21.19	22.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	21.12	21.21	21.12	22.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	21.15	21.24	21.05	22.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	21.07	21.22	21.17	22.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	21.12	21.25	21.11	22.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	21.12	21.33	21.12	22.20
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	21.12	21.34	21.18	22.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.09	21.33	21.11	22.20
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	21.16	21.22	21.11	22.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	21.12	21.24	21.05	22.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	21.14	21.32	21.09	22.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.13	21.32	21.09	22.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	21.03	21.23	21.07	22.20
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	21.16	21.26	21.14	22.20

【FR1 n41_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.67	23.84	23.73	24.00
100	PI/2 BPSK	1	137	23.33	23.65	23.49	24.00
100	PI/2 BPSK	1	271	23.54	23.77	23.53	24.00
100	PI/2 BPSK	135	0	23.40	23.62	23.40	24.00
100	PI/2 BPSK	135	69	23.65	23.82	23.74	24.00
100	PI/2 BPSK	135	138	23.60	23.81	23.62	24.00
100	PI/2 BPSK	270	0	23.45	23.74	23.49	24.00
100	QPSK	1	1	23.50	23.77	23.52	24.00
100	QPSK	1	137	23.35	23.62	23.49	24.00
100	QPSK	1	271	23.61	23.81	23.60	24.00
100	QPSK	135	0	23.36	23.61	23.44	24.00
100	QPSK	135	69	23.54	23.76	23.52	24.00
100	QPSK	135	138	23.58	23.81	23.66	24.00
100	QPSK	270	0	23.45	23.73	23.51	24.00
100	16QAM	1	1	23.42	23.63	23.41	24.00
100	64QAM	1	1	23.35	23.61	23.41	24.00
100	256QAM	1	1	22.37	22.63	22.41	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.55	23.76	23.64	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.60	23.82	23.67	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)

70	PI/2 BPSK	1	1	23.62	23.82	23.61	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.66	23.80	23.63	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.59	23.79	23.61	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.57	23.82	23.61	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.54	23.77	23.66	24.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.62	23.76	23.61	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.53	23.76	23.58	24.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.64	23.69	23.65	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.52	23.73	23.64	24.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.59	23.81	23.63	24.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.62	23.78	23.67	24.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.67	23.84	23.73	24.00
100	PI/2 BPSK	1	137	23.33	23.65	23.49	24.00
100	PI/2 BPSK	1	271	23.54	23.77	23.53	24.00
100	PI/2 BPSK	135	0	23.40	23.62	23.40	24.00
100	PI/2 BPSK	135	69	23.65	23.82	23.74	24.00
100	PI/2 BPSK	135	138	23.60	23.81	23.62	24.00
100	PI/2 BPSK	270	0	23.45	23.74	23.49	24.00
100	QPSK	1	1	23.50	23.77	23.52	24.00
100	QPSK	1	137	23.35	23.62	23.49	24.00
100	QPSK	1	271	23.61	23.81	23.60	24.00
100	QPSK	135	0	23.36	23.61	23.44	24.00
100	QPSK	135	69	23.54	23.76	23.52	24.00
100	QPSK	135	138	23.58	23.81	23.66	24.00
100	QPSK	270	0	23.45	23.73	23.51	24.00
100	16QAM	1	1	23.42	23.63	23.41	24.00
100	64QAM	1	1	23.35	23.61	23.41	24.00
100	256QAM	1	1	22.37	22.63	22.41	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.55	23.76	23.64	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.60	23.82	23.67	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.62	23.82	23.61	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.66	23.80	23.63	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.59	23.79	23.61	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.57	23.82	23.61	24.00
Channel				503202	518598	534000	Tune-up limit

Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.54	23.77	23.66	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.62	23.76	23.61	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.53	23.76	23.58	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.64	23.69	23.65	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.52	23.73	23.64	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.59	23.81	23.63	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.62	23.78	23.67	24.00

[FR1 n41_Ant 2_DSI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.67	23.84	23.73	24.00
100	PI/2 BPSK	1	137	23.33	23.65	23.49	24.00
100	PI/2 BPSK	1	271	23.54	23.77	23.53	24.00
100	PI/2 BPSK	135	0	23.40	23.62	23.40	24.00
100	PI/2 BPSK	135	69	23.65	23.82	23.74	24.00
100	PI/2 BPSK	135	138	23.60	23.81	23.62	24.00
100	PI/2 BPSK	270	0	23.45	23.74	23.49	24.00
100	QPSK	1	1	23.50	23.77	23.52	24.00
100	QPSK	1	137	23.35	23.62	23.49	24.00
100	QPSK	1	271	23.61	23.81	23.60	24.00
100	QPSK	135	0	23.36	23.61	23.44	24.00
100	QPSK	135	69	23.54	23.76	23.52	24.00
100	QPSK	135	138	23.58	23.81	23.66	24.00
100	QPSK	270	0	23.45	23.73	23.51	24.00
100	16QAM	1	1	23.42	23.63	23.41	24.00
100	64QAM	1	1	23.35	23.61	23.41	24.00
100	256QAM	1	1	22.37	22.63	22.41	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.56	23.81	23.71	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.62	23.73	23.58	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.60	23.70	23.64	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.59	23.72	23.63	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.60	23.81	23.61	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.56	23.70	23.59	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.65	23.79	23.58	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.64	23.80	23.70	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.58	23.69	23.64	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.58	23.82	23.72	24.00

Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.66	23.80	23.62	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.60	23.75	23.66	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.65	23.79	23.65	24.00

【FR1 n41_Ant 2_DSI 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	21.33	21.42	21.38	22.30
100	PI/2 BPSK	1	137	21.06	21.29	21.17	22.30
100	PI/2 BPSK	1	271	21.20	21.38	21.33	22.30
100	PI/2 BPSK	135	0	21.12	21.35	21.22	22.30
100	PI/2 BPSK	135	69	21.37	21.40	21.30	22.30
100	PI/2 BPSK	135	138	21.17	21.34	21.20	22.30
100	PI/2 BPSK	270	0	21.27	21.40	21.29	22.30
100	QPSK	1	1	21.21	21.34	21.26	22.30
100	QPSK	1	137	21.16	21.35	21.24	22.30
100	QPSK	1	271	21.21	21.34	21.25	22.30
100	QPSK	135	0	21.20	21.31	21.19	22.30
100	QPSK	135	69	21.06	21.29	21.21	22.30
100	QPSK	135	138	21.20	21.30	21.20	22.30
100	QPSK	270	0	21.12	21.27	21.17	22.30
100	16QAM	1	1	21.08	21.27	21.15	22.30
100	64QAM	1	1	21.13	21.28	21.21	22.30
100	256QAM	1	1	21.17	21.34	21.20	22.30
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.32	21.33	21.26	22.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.28	21.40	21.34	22.30
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.19	21.33	21.30	22.30
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.27	21.27	21.36	22.30
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.19	21.41	21.32	22.30
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.29	21.32	21.32	22.30
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.29	21.41	21.29	22.30
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.24	21.31	21.32	22.30
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.24	21.35	21.35	22.30
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.28	21.38	21.28	22.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.30	21.34	21.28	22.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.20	21.40	21.35	22.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.23	21.39	21.37	22.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.45	21.53	21.49	23.30
100	PI/2 BPSK	1	137	21.31	21.45	21.34	23.30
100	PI/2 BPSK	1	271	21.30	21.47	21.41	23.30
100	PI/2 BPSK	135	0	21.39	21.51	21.33	23.30
100	PI/2 BPSK	135	69	21.46	21.52	21.48	23.30
100	PI/2 BPSK	135	138	21.30	21.44	21.33	23.30
100	PI/2 BPSK	270	0	21.38	21.50	21.37	23.30
100	QPSK	1	1	21.31	21.49	21.43	23.30
100	QPSK	1	137	21.30	21.44	21.31	23.30
100	QPSK	1	271	21.34	21.46	21.31	23.30
100	QPSK	135	0	21.30	21.41	21.31	23.30
100	QPSK	135	69	21.31	21.42	21.35	23.30
100	QPSK	135	138	21.32	21.48	21.40	23.30
100	QPSK	270	0	21.34	21.46	21.35	23.30
100	16QAM	1	1	21.30	21.42	21.32	23.30
100	64QAM	1	1	21.35	21.48	21.39	23.30
100	256QAM	1	1	21.30	21.50	21.39	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.31	21.45	21.45	23.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.33	21.41	21.40	23.30
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.37	21.43	21.47	23.30
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.41	21.38	21.36	23.30
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.40	21.43	21.42	23.30
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.30	21.47	21.34	23.30
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.33	21.45	21.45	23.30
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.42	21.49	21.43	23.30
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.42	21.46	21.39	23.30
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.31	21.50	21.47	23.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.35	21.49	21.39	23.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.39	21.46	21.37	23.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.36	21.38	21.38	23.30

【FR1 n41_Ant 2_DSI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.75	19.87	19.81	21.00
100	PI/2 BPSK	1	137	19.83	19.83	19.79	21.00

100	PI/2 BPSK	1	271	19.79	19.82	19.78	21.00
100	PI/2 BPSK	135	0	19.76	19.78	19.75	21.00
100	PI/2 BPSK	135	69	19.82	19.85	19.81	21.00
100	PI/2 BPSK	135	138	19.73	19.84	19.76	21.00
100	PI/2 BPSK	270	0	19.84	19.83	19.80	21.00
100	QPSK	1	1	19.79	19.82	19.86	21.00
100	QPSK	1	137	19.77	19.80	19.83	21.00
100	QPSK	1	271	19.86	19.78	19.78	21.00
100	QPSK	135	0	19.86	19.86	19.83	21.00
100	QPSK	135	69	19.83	19.81	19.78	21.00
100	QPSK	135	138	19.80	19.84	19.75	21.00
100	QPSK	270	0	19.79	19.80	19.79	21.00
100	16QAM	1	1	19.84	19.76	19.76	21.00
100	64QAM	1	1	19.82	19.81	19.86	21.00
100	256QAM	1	1	19.75	19.85	19.77	21.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.72	19.74	19.73	21.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.72	19.83	19.77	21.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.71	19.77	19.74	21.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.61	19.76	19.70	21.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.71	19.83	19.70	21.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.74	19.80	19.77	21.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.64	19.81	19.67	21.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.73	19.83	19.75	21.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.64	19.79	19.77	21.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.67	19.78	19.70	21.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.70	19.80	19.73	21.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.73	19.77	19.76	21.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.62	19.83	19.71	21.00

【FR1 n41_HPUE_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.56	26.77	26.67	27.00
100	PI/2 BPSK	1	137	26.28	26.63	26.42	27.00
100	PI/2 BPSK	1	271	26.34	26.60	26.42	27.00
100	PI/2 BPSK	135	0	26.31	26.62	26.40	27.00
100	PI/2 BPSK	135	69	26.65	26.75	26.61	27.00
100	PI/2 BPSK	135	138	26.45	26.74	26.62	27.00
100	PI/2 BPSK	270	0	26.37	26.66	26.52	27.00
100	QPSK	1	1	26.35	26.60	26.40	27.00
100	QPSK	1	137	26.37	26.60	26.46	27.00
100	QPSK	1	271	26.44	26.71	26.52	27.00
100	QPSK	135	0	25.71	26.03	25.90	26.50
100	QPSK	135	69	26.35	26.70	26.48	27.00
100	QPSK	135	138	25.93	26.25	26.08	26.50

100	QPSK	270	0	25.93	26.22	26.10	26.50
100	16QAM	1	1	25.74	26.07	25.95	26.50
100	64QAM	1	1	23.84	24.06	23.82	24.50
100	256QAM	1	1	22.15	22.37	22.16	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.45	26.69	26.60	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.43	26.71	26.64	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.42	26.75	26.64	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.51	26.65	26.62	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.54	26.63	26.55	27.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.47	26.65	26.55	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.51	26.65	26.56	27.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.50	26.69	26.62	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.49	26.69	26.65	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.41	26.70	26.53	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.55	26.70	26.62	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.50	26.71	26.56	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.53	26.64	26.52	27.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.56	26.77	26.67	27.00
100	PI/2 BPSK	1	137	26.28	26.63	26.42	27.00
100	PI/2 BPSK	1	271	26.34	26.60	26.42	27.00
100	PI/2 BPSK	135	0	26.31	26.62	26.40	27.00
100	PI/2 BPSK	135	69	26.65	26.75	26.61	27.00
100	PI/2 BPSK	135	138	26.45	26.74	26.62	27.00
100	PI/2 BPSK	270	0	26.37	26.66	26.52	27.00
100	QPSK	1	1	26.35	26.60	26.40	27.00
100	QPSK	1	137	26.37	26.60	26.46	27.00
100	QPSK	1	271	26.44	26.71	26.52	27.00
100	QPSK	135	0	25.71	26.03	25.90	26.50
100	QPSK	135	69	26.35	26.70	26.48	27.00
100	QPSK	135	138	25.93	26.25	26.08	26.50
100	QPSK	270	0	25.93	26.22	26.10	26.50
100	16QAM	1	1	25.74	26.07	25.95	26.50
100	64QAM	1	1	23.84	24.06	23.82	24.50
100	256QAM	1	1	22.15	22.37	22.16	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.45	26.69	26.60	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.43	26.71	26.64	27.00
Channel				506202	518598	531000	Tune-up limit

	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.42	26.75	26.64	27.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.51	26.65	26.62	27.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.54	26.63	26.55	27.00
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.47	26.65	26.55	27.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.51	26.65	26.56	27.00
	Channel			502704	518598	534498	Tune-up limit
	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.50	26.69	26.62	27.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.49	26.69	26.65	27.00
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.41	26.70	26.53	27.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.55	26.70	26.62	27.00
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.50	26.71	26.56	27.00
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.53	26.64	26.52	27.00

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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)
	Channel			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.56	26.77	26.67	27.00
100	PI/2 BPSK	1	137	26.28	26.63	26.42	27.00
100	PI/2 BPSK	1	271	26.34	26.60	26.42	27.00
100	PI/2 BPSK	135	0	26.31	26.62	26.40	27.00
100	PI/2 BPSK	135	69	26.65	26.75	26.61	27.00
100	PI/2 BPSK	135	138	26.45	26.74	26.62	27.00
100	PI/2 BPSK	270	0	26.37	26.66	26.52	27.00
100	QPSK	1	1	26.35	26.60	26.40	27.00
100	QPSK	1	137	26.37	26.60	26.46	27.00
100	QPSK	1	271	26.44	26.71	26.52	27.00
100	QPSK	135	0	25.71	26.03	25.90	26.50
100	QPSK	135	69	26.35	26.70	26.48	27.00
100	QPSK	135	138	25.93	26.25	26.08	26.50
100	QPSK	270	0	25.93	26.22	26.10	26.50
100	16QAM	1	1	25.74	26.07	25.95	26.50
100	64QAM	1	1	23.84	24.06	23.82	24.50
100	256QAM	1	1	22.15	22.37	22.16	22.50
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.44	26.71	26.56	27.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.47	26.72	26.59	27.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.54	26.68	26.62	27.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.54	26.66	26.52	27.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.51	26.72	26.59	27.00
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.47	26.71	26.56	27.00

Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.52	26.75	26.53	27.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.49	26.72	26.63	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.52	26.63	26.56	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.54	26.72	26.55	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.54	26.71	26.55	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.42	26.66	26.58	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.42	26.66	26.56	27.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.34	24.46	24.33	25.30
100	PI/2 BPSK	1	137	24.05	24.24	24.23	25.30
100	PI/2 BPSK	1	271	24.15	24.36	24.29	25.30
100	PI/2 BPSK	135	0	24.09	24.32	24.25	25.30
100	PI/2 BPSK	135	69	24.42	24.40	24.27	25.30
100	PI/2 BPSK	135	138	24.16	24.37	24.18	25.30
100	PI/2 BPSK	270	0	24.34	24.35	24.23	25.30
100	QPSK	1	1	24.16	24.29	24.21	25.30
100	QPSK	1	137	24.14	24.30	24.18	25.30
100	QPSK	1	271	24.24	24.40	24.31	25.30
100	QPSK	135	0	24.28	24.32	24.12	25.30
100	QPSK	135	69	24.06	24.35	24.19	25.30
100	QPSK	135	138	24.22	24.28	24.13	25.30
100	QPSK	270	0	24.20	24.28	24.25	25.30
100	16QAM	1	1	24.10	24.28	24.12	25.30
100	64QAM	1	1	23.84	24.06	23.82	24.50
100	256QAM	1	1	22.15	22.37	22.16	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.20	24.35	24.27	25.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.29	24.38	24.30	25.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.30	24.38	24.21	25.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.31	24.37	24.29	25.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.26	24.32	24.27	25.30
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.28	24.41	24.18	25.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.21	24.31	24.21	25.30
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.27	24.37	24.30	25.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.31	24.34	24.22	25.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)

25	PI/2 BPSK	1	1	24.33	24.35	24.27	25.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.27	24.34	24.30	25.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.22	24.35	24.20	25.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.27	24.38	24.28	25.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.52	24.62	24.56	26.30
100	PI/2 BPSK	1	137	24.39	24.50	24.31	26.30
100	PI/2 BPSK	1	271	24.31	24.52	24.38	26.30
100	PI/2 BPSK	135	0	24.33	24.49	24.38	26.30
100	PI/2 BPSK	135	69	24.51	24.56	24.53	26.30
100	PI/2 BPSK	135	138	24.30	24.49	24.37	26.30
100	PI/2 BPSK	270	0	24.30	24.49	24.31	26.30
100	QPSK	1	1	24.30	24.49	24.41	26.30
100	QPSK	1	137	24.40	24.59	24.48	26.30
100	QPSK	1	271	24.47	24.61	24.44	26.30
100	QPSK	135	0	24.38	24.58	24.47	26.30
100	QPSK	135	69	24.31	24.48	24.30	26.30
100	QPSK	135	138	24.31	24.56	24.42	26.30
100	QPSK	270	0	24.33	24.57	24.41	26.30
100	16QAM	1	1	24.32	24.50	24.30	26.30
100	64QAM	1	1	23.84	24.06	23.82	24.50
100	256QAM	1	1	22.15	22.37	22.16	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.47	24.60	24.55	26.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.46	24.61	24.54	26.30
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.49	24.48	24.53	26.30
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.39	24.50	24.44	26.30
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.39	24.58	24.52	26.30
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.47	24.54	24.44	26.30
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.38	24.60	24.52	26.30
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.49	24.51	24.51	26.30
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.50	24.49	24.52	26.30
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.40	24.50	24.45	26.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.45	24.53	24.50	26.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.39	24.58	24.49	26.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.40	24.59	24.43	26.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.82	22.95	22.84	24.00
100	PI/2 BPSK	1	137	22.84	22.85	22.88	24.00
100	PI/2 BPSK	1	271	22.75	22.71	22.94	24.00
100	PI/2 BPSK	135	0	22.85	22.86	22.81	24.00
100	PI/2 BPSK	135	69	22.89	22.90	22.84	24.00
100	PI/2 BPSK	135	138	22.76	22.76	22.79	24.00
100	PI/2 BPSK	270	0	22.84	22.70	22.88	24.00
100	QPSK	1	1	22.79	22.87	22.87	24.00
100	QPSK	1	137	22.81	22.83	22.79	24.00
100	QPSK	1	271	22.82	22.80	22.94	24.00
100	QPSK	135	0	22.74	22.83	22.89	24.00
100	QPSK	135	69	22.72	22.84	22.77	24.00
100	QPSK	135	138	22.67	22.78	22.82	24.00
100	QPSK	270	0	22.68	22.88	22.85	24.00
100	16QAM	1	1	22.91	22.89	22.94	24.00
100	64QAM	1	1	22.78	22.83	22.82	24.00
100	256QAM	1	1	21.31	21.44	21.33	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.76	22.82	22.77	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.70	22.87	22.81	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.76	22.92	22.72	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.77	22.88	22.73	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.78	22.85	22.71	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.68	22.82	22.80	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.79	22.81	22.82	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.79	22.89	22.73	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.70	22.93	22.75	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.70	22.94	22.79	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.78	22.86	22.72	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.80	22.88	22.74	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.71	22.94	22.80	24.00

【FR1 n41_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.23	23.24	23.17	24.00

100	PI/2 BPSK	1	137	22.88	22.98	22.87	24.00
100	PI/2 BPSK	1	271	22.96	23.02	22.80	24.00
100	PI/2 BPSK	135	0	22.95	22.99	22.80	24.00
100	PI/2 BPSK	135	69	23.11	23.14	23.08	24.00
100	PI/2 BPSK	135	138	22.97	23.04	22.85	24.00
100	PI/2 BPSK	270	0	22.94	22.99	22.87	24.00
100	QPSK	1	1	23.10	23.20	23.11	24.00
100	QPSK	1	137	22.84	22.93	22.72	24.00
100	QPSK	1	271	22.89	23.04	22.84	24.00
100	QPSK	135	0	22.97	23.05	22.87	24.00
100	QPSK	135	69	23.07	23.09	22.89	24.00
100	QPSK	135	138	22.87	22.93	22.83	24.00
100	QPSK	270	0	22.92	23.01	22.90	24.00
100	16QAM	1	1	23.04	23.19	23.05	24.00
100	64QAM	1	1	22.56	22.58	22.37	23.50
100	256QAM	1	1	21.26	21.34	21.22	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.14	23.22	23.04	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.11	23.19	23.14	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.10	23.16	23.02	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.19	23.11	23.16	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.17	23.10	23.05	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.12	23.16	23.07	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.10	23.21	23.02	24.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.11	23.23	23.13	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.18	23.10	23.11	24.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.11	23.22	23.05	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.18	23.16	23.05	24.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.11	23.19	23.09	24.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.11	23.15	23.05	24.00

【FR1 n41_Ant 6_DSI 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	23.23	23.24	23.17	24.00
100	PI/2 BPSK	1	137	22.88	22.98	22.87	24.00
100	PI/2 BPSK	1	271	22.96	23.02	22.80	24.00
100	PI/2 BPSK	135	0	22.95	22.99	22.80	24.00
100	PI/2 BPSK	135	69	23.11	23.14	23.08	24.00
100	PI/2 BPSK	135	138	22.97	23.04	22.85	24.00
100	PI/2 BPSK	270	0	22.94	22.99	22.87	24.00
100	QPSK	1	1	23.10	23.20	23.11	24.00
100	QPSK	1	137	22.84	22.93	22.72	24.00
100	QPSK	1	271	22.89	23.04	22.84	24.00
100	QPSK	135	0	22.97	23.05	22.87	24.00
100	QPSK	135	69	23.07	23.09	22.89	24.00

100	QPSK	135	138	22.87	22.93	22.83	24.00
100	QPSK	270	0	22.92	23.01	22.90	24.00
100	16QAM	1	1	23.04	23.19	23.05	24.00
100	64QAM	1	1	22.56	22.58	22.37	23.50
100	256QAM	1	1	21.26	21.34	21.22	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.14	23.22	23.04	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.11	23.19	23.14	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.10	23.16	23.02	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.19	23.11	23.16	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.17	23.10	23.05	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.12	23.16	23.07	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.10	23.21	23.02	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.11	23.23	23.13	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.18	23.10	23.11	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.11	23.22	23.05	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.18	23.16	23.05	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.11	23.19	23.09	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.11	23.15	23.05	24.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.11	19.15	19.13	20.80
100	PI/2 BPSK	1	137	18.95	19.09	18.97	20.80
100	PI/2 BPSK	1	271	19.00	19.07	19.01	20.80
100	PI/2 BPSK	135	0	19.01	19.10	19.07	20.80
100	PI/2 BPSK	135	69	19.09	19.14	19.11	20.80
100	PI/2 BPSK	135	138	19.02	19.10	19.04	20.80
100	PI/2 BPSK	270	0	19.02	19.12	19.04	20.80
100	QPSK	1	1	18.89	18.99	18.87	20.80
100	QPSK	1	137	18.84	18.98	18.82	20.80
100	QPSK	1	271	19.03	19.10	18.94	20.80
100	QPSK	135	0	18.98	19.11	19.02	20.80
100	QPSK	135	69	18.98	19.11	19.05	20.80
100	QPSK	135	138	18.82	19.00	18.91	20.80
100	QPSK	270	0	18.88	19.01	18.86	20.80
100	16QAM	1	1	18.86	19.01	18.90	20.80
100	64QAM	1	1	18.95	19.10	18.98	20.80
100	256QAM	1	1	18.94	19.11	18.94	20.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.09	19.10	19.07	20.80
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.04	19.14	19.08	20.80

Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.04	19.07	19.09	20.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.08	19.10	19.12	20.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.04	19.14	19.10	20.80
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.09	19.08	19.11	20.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.05	19.10	19.07	20.80
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.07	19.08	19.12	20.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.05	19.07	19.11	20.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.06	19.14	19.08	20.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.05	19.11	19.08	20.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.05	19.13	19.09	20.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.03	19.08	19.11	20.80

【FR1 n41_Ant 6_DSI 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	19.16	19.28	19.23	20.00
100	PI/2 BPSK	1	137	19.09	19.26	19.17	20.00
100	PI/2 BPSK	1	271	19.03	19.27	19.14	20.00
100	PI/2 BPSK	135	0	19.08	19.25	19.15	20.00
100	PI/2 BPSK	135	69	19.22	19.26	19.18	20.00
100	PI/2 BPSK	135	138	18.99	19.24	19.15	20.00
100	PI/2 BPSK	270	0	19.10	19.25	19.09	20.00
100	QPSK	1	1	18.97	19.22	19.04	20.00
100	QPSK	1	137	19.02	19.24	19.14	20.00
100	QPSK	1	271	19.12	19.25	19.13	20.00
100	QPSK	135	0	18.98	19.22	19.12	20.00
100	QPSK	135	69	19.07	19.23	19.12	20.00
100	QPSK	135	138	19.00	19.17	19.09	20.00
100	QPSK	270	0	19.03	19.21	19.07	20.00
100	16QAM	1	1	18.99	19.19	19.01	20.00
100	64QAM	1	1	18.98	19.22	19.02	20.00
100	256QAM	1	1	18.94	19.20	19.09	20.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.06	19.23	19.14	20.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.13	19.19	19.08	20.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.14	19.26	19.08	20.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.03	19.17	19.14	20.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.05	19.24	19.15	20.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)

45	PI/2 BPSK	1	1	19.11	19.17	19.13	20.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.06	19.21	19.16	20.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.07	19.16	19.15	20.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.01	19.15	19.15	20.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.14	19.19	19.10	20.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.03	19.19	19.22	20.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.09	19.25	19.13	20.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.03	19.15	19.15	20.00

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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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.20	21.23	21.18	21.50
100	PI/2 BPSK	1	137	21.11	21.21	21.13	21.50
100	PI/2 BPSK	1	271	21.17	21.21	21.07	21.50
100	PI/2 BPSK	135	0	21.09	21.16	21.05	21.50
100	PI/2 BPSK	135	69	21.15	21.21	21.19	21.50
100	PI/2 BPSK	135	138	21.12	21.20	21.05	21.50
100	PI/2 BPSK	270	0	21.05	21.18	21.05	21.50
100	QPSK	1	1	21.01	21.16	20.99	21.50
100	QPSK	1	137	21.12	21.20	21.00	21.50
100	QPSK	1	271	21.00	21.07	20.91	21.50
100	QPSK	135	0	20.97	21.11	20.99	21.50
100	QPSK	135	69	21.08	21.16	21.01	21.50
100	QPSK	135	138	21.02	21.13	20.99	21.50
100	QPSK	270	0	21.04	21.15	20.99	21.50
100	16QAM	1	1	21.11	21.16	21.04	21.50
100	64QAM	1	1	21.09	21.22	21.03	21.50
100	256QAM	1	1	21.09	21.19	21.01	21.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.10	21.09	21.04	21.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.13	21.15	21.05	21.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.15	21.13	21.12	21.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.08	21.08	21.06	21.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.17	21.15	21.14	21.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.08	21.20	21.04	21.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.05	21.20	21.16	21.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.12	21.21	21.04	21.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.10	21.12	21.08	21.50
Channel				501702	518598	535500	Tune-up limit

Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	21.10	21.15	21.11	21.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.19	21.19	21.06	21.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	21.10	21.20	21.10	21.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	21.14	21.21	21.07	21.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.13	17.18	17.16	19.00
100	PI/2 BPSK	1	137	17.00	17.09	17.00	19.00
100	PI/2 BPSK	1	271	17.02	17.07	17.03	19.00
100	PI/2 BPSK	135	0	17.01	17.07	17.04	19.00
100	PI/2 BPSK	135	69	17.01	17.15	17.05	19.00
100	PI/2 BPSK	135	138	17.00	17.03	17.00	19.00
100	PI/2 BPSK	270	0	17.01	17.10	17.00	19.00
100	QPSK	1	1	17.02	17.03	17.00	19.00
100	QPSK	1	137	17.04	17.12	17.00	19.00
100	QPSK	1	271	17.00	17.06	17.02	19.00
100	QPSK	135	0	17.01	17.01	17.02	19.00
100	QPSK	135	69	17.02	17.06	17.01	19.00
100	QPSK	135	138	17.00	17.11	17.00	19.00
100	QPSK	270	0	17.02	17.12	17.06	19.00
100	16QAM	1	1	17.01	17.08	17.00	19.00
100	64QAM	1	1	17.00	17.05	17.00	19.00
100	256QAM	1	1	17.00	17.05	17.00	19.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.10	17.09	17.12	19.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.05	17.07	17.09	19.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.01	17.09	17.07	19.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.08	17.15	17.12	19.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.04	17.11	17.10	19.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.02	17.13	17.03	19.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.11	17.10	17.01	19.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.01	17.17	17.03	19.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.12	17.16	17.15	19.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.01	17.07	17.09	19.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.07	17.12	17.02	19.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.06	17.14	17.05	19.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.08	17.05	17.02	19.00

【FR1 n41_HPUE_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.69	25.78	25.65	27.00
100	PI/2 BPSK	1	137	25.64	25.76	25.62	27.00
100	PI/2 BPSK	1	271	25.36	25.51	25.34	27.00
100	PI/2 BPSK	135	0	24.59	24.70	24.55	26.50
100	PI/2 BPSK	135	69	25.63	25.75	25.68	27.00
100	PI/2 BPSK	135	138	24.97	25.18	25.02	26.50
100	PI/2 BPSK	270	0	24.76	24.95	24.70	26.50
100	QPSK	1	1	25.54	25.73	25.47	27.00
100	QPSK	1	137	25.49	25.68	25.44	27.00
100	QPSK	1	271	25.45	25.65	25.44	27.00
100	QPSK	135	0	24.83	24.98	24.78	26.50
100	QPSK	135	69	25.62	25.75	25.52	27.00
100	QPSK	135	138	24.52	24.71	24.50	26.50
100	QPSK	270	0	24.54	24.77	24.60	26.50
100	16QAM	1	1	24.50	24.62	24.52	26.50
100	64QAM	1	1	23.40	23.56	23.40	24.50
100	256QAM	1	1	21.30	21.52	21.35	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.65	25.64	25.58	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.64	25.65	25.58	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.67	25.65	25.54	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.61	25.68	25.62	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.55	25.67	25.62	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.68	25.72	25.52	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.58	25.68	25.50	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.61	25.63	25.52	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.63	25.76	25.58	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.67	25.68	25.62	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.56	25.70	25.52	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.63	25.69	25.54	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.65	25.68	25.51	27.00

【FR1 n41_HPUE_Ant 6_DSI 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	25.69	25.78	25.65	27.00
100	PI/2 BPSK	1	137	25.64	25.76	25.62	27.00
100	PI/2 BPSK	1	271	25.36	25.51	25.34	27.00
100	PI/2 BPSK	135	0	24.59	24.70	24.55	26.50
100	PI/2 BPSK	135	69	25.63	25.75	25.68	27.00
100	PI/2 BPSK	135	138	24.97	25.18	25.02	26.50
100	PI/2 BPSK	270	0	24.76	24.95	24.70	26.50
100	QPSK	1	1	25.54	25.73	25.47	27.00
100	QPSK	1	137	25.49	25.68	25.44	27.00
100	QPSK	1	271	25.45	25.65	25.44	27.00
100	QPSK	135	0	24.83	24.98	24.78	26.50
100	QPSK	135	69	25.62	25.75	25.52	27.00
100	QPSK	135	138	24.52	24.71	24.50	26.50
100	QPSK	270	0	24.54	24.77	24.60	26.50
100	16QAM	1	1	24.50	24.62	24.52	26.50
100	64QAM	1	1	23.40	23.56	23.40	24.50
100	256QAM	1	1	21.30	21.52	21.35	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.65	25.64	25.58	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.64	25.65	25.58	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.67	25.65	25.54	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.61	25.68	25.62	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.55	25.67	25.62	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.68	25.72	25.52	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.58	25.68	25.50	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.61	25.63	25.52	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.63	25.76	25.58	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.67	25.68	25.62	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.56	25.70	25.52	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.63	25.69	25.54	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.65	25.68	25.51	27.00

【FR1 n41_HPUE_Ant 6_DSI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.05	22.09	22.03	23.80
100	PI/2 BPSK	1	137	21.86	21.92	21.91	23.80
100	PI/2 BPSK	1	271	21.85	21.91	21.88	23.80
100	PI/2 BPSK	135	0	21.96	22.05	21.95	23.80
100	PI/2 BPSK	135	69	22.00	22.06	21.97	23.80
100	PI/2 BPSK	135	138	21.95	22.03	21.92	23.80
100	PI/2 BPSK	270	0	21.96	22.05	21.97	23.80
100	QPSK	1	1	21.90	21.95	21.90	23.80
100	QPSK	1	137	21.94	22.04	21.94	23.80
100	QPSK	1	271	21.95	22.03	21.95	23.80
100	QPSK	135	0	21.85	21.91	21.87	23.80

100	QPSK	135	69	21.92	22.00	21.90	23.80
100	QPSK	135	138	21.89	21.93	21.90	23.80
100	QPSK	270	0	21.90	21.98	21.90	23.80
100	16QAM	1	1	21.92	21.93	21.92	23.80
100	64QAM	1	1	21.91	21.95	21.90	23.80
100	256QAM	1	1	20.73	21.52	20.69	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.02	22.07	22.02	23.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.02	22.02	22.02	23.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.02	22.03	21.99	23.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.02	22.07	22.02	23.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.04	22.04	22.00	23.80
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	22.01	22.08	21.98	23.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.99	22.02	21.98	23.80
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	22.00	22.05	22.00	23.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.04	22.07	22.02	23.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.01	22.03	21.98	23.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.03	22.05	22.02	23.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.01	22.05	21.99	23.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.02	22.06	22.01	23.80

【FR1 n41_HPUE_Ant 6_DSI 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	22.19	22.33	22.27	23.00
100	PI/2 BPSK	1	137	22.14	22.18	22.16	23.00
100	PI/2 BPSK	1	271	22.11	22.25	22.17	23.00
100	PI/2 BPSK	135	0	22.09	22.22	22.18	23.00
100	PI/2 BPSK	135	69	22.22	22.29	22.26	23.00
100	PI/2 BPSK	135	138	22.03	22.22	22.12	23.00
100	PI/2 BPSK	270	0	22.15	22.30	22.05	23.00
100	QPSK	1	1	22.03	22.14	22.09	23.00
100	QPSK	1	137	22.07	22.23	22.07	23.00
100	QPSK	1	271	22.14	22.22	22.11	23.00
100	QPSK	135	0	21.99	22.28	22.16	23.00
100	QPSK	135	69	22.02	22.24	22.13	23.00
100	QPSK	135	138	22.05	22.24	22.13	23.00
100	QPSK	270	0	22.00	22.19	22.00	23.00
100	16QAM	1	1	21.98	22.20	22.00	23.00
100	64QAM	1	1	22.03	22.17	22.02	23.00
100	256QAM	1	1	21.30	21.52	21.35	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.16	22.21	22.25	23.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)

80	PI/2 BPSK	1	1	22.08	22.24	22.26	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.16	22.21	22.12	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.09	22.30	22.17	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.09	22.27	22.16	23.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.08	22.24	22.21	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.07	22.29	22.23	23.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.16	22.32	22.25	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.14	22.21	22.26	23.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.12	22.24	22.24	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.06	22.21	22.19	23.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.16	22.31	22.16	23.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.10	22.21	22.12	23.00

[FR1 n41_HPUE_Ant 6_DSI 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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.31	24.37	24.35	24.50
100	PI/2 BPSK	1	137	24.19	24.29	24.22	24.50
100	PI/2 BPSK	1	271	24.18	24.32	24.22	24.50
100	PI/2 BPSK	135	0	24.13	24.29	24.21	24.50
100	PI/2 BPSK	135	69	24.30	24.32	24.26	24.50
100	PI/2 BPSK	135	138	24.11	24.26	24.14	24.50
100	PI/2 BPSK	270	0	23.98	24.17	24.07	24.50
100	QPSK	1	1	24.18	24.30	24.20	24.50
100	QPSK	1	137	24.14	24.31	24.14	24.50
100	QPSK	1	271	24.16	24.30	24.26	24.50
100	QPSK	135	0	24.02	24.22	24.10	24.50
100	QPSK	135	69	24.12	24.21	24.12	24.50
100	QPSK	135	138	24.13	24.22	24.05	24.50
100	QPSK	270	0	24.25	24.32	24.17	24.50
100	16QAM	1	1	24.02	24.19	24.03	24.50
100	64QAM	1	1	23.40	23.56	23.40	24.50
100	256QAM	1	1	21.30	21.52	21.35	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.16	24.35	24.28	24.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.30	24.26	24.31	24.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.27	24.31	24.21	24.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.17	24.32	24.25	24.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.25	24.24	24.32	24.50
Channel				503700	518598	533496	Tune-up limit

Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.22	24.23	24.21	24.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.29	24.25	24.28	24.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.19	24.30	24.27	24.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.27	24.26	24.26	24.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	24.21	24.31	24.22	24.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.24	24.29	24.22	24.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	24.29	24.22	24.31	24.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.27	24.35	24.26	24.50

【FR1 n41_HPUE_Ant 6_DSI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.08	20.16	20.12	22.00
100	PI/2 BPSK	1	137	20.00	20.09	20.00	22.00
100	PI/2 BPSK	1	271	20.01	20.13	20.08	22.00
100	PI/2 BPSK	135	0	20.01	20.11	20.00	22.00
100	PI/2 BPSK	135	69	20.00	20.13	20.06	22.00
100	PI/2 BPSK	135	138	20.00	20.08	20.00	22.00
100	PI/2 BPSK	270	0	20.00	20.07	20.00	22.00
100	QPSK	1	1	20.02	20.13	20.00	22.00
100	QPSK	1	137	20.02	20.05	20.00	22.00
100	QPSK	1	271	20.01	20.11	20.01	22.00
100	QPSK	135	0	20.00	20.05	20.00	22.00
100	QPSK	135	69	20.00	20.10	20.01	22.00
100	QPSK	135	138	20.01	20.06	20.01	22.00
100	QPSK	270	0	20.00	20.04	20.01	22.00
100	16QAM	1	1	20.01	20.07	20.02	22.00
100	64QAM	1	1	20.01	20.08	20.00	22.00
100	256QAM	1	1	20.02	20.05	20.01	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.06	20.05	20.01	22.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.07	20.05	20.00	22.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.01	20.04	20.00	22.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.03	20.09	20.10	22.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.00	20.09	20.03	22.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	20.07	20.03	20.07	22.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.03	20.09	20.06	22.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	20.04	20.01	20.00	22.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.00	20.14	20.02	22.00

Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.00	20.09	20.01	22.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.01	20.13	20.03	22.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.01	20.12	20.02	22.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.04	20.07	20.09	22.00

【FR1 n48_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.41	19.69	19.49	21.00
40	PI/2 BPSK	1	53	19.14	19.48	19.18	21.00
40	PI/2 BPSK	1	104	19.06	19.47	19.21	21.00
40	PI/2 BPSK	50	0	19.23	19.53	19.25	21.00
40	PI/2 BPSK	50	28	19.38	19.57	19.42	21.00
40	PI/2 BPSK	50	56	19.19	19.53	19.21	21.00
40	PI/2 BPSK	100	0	19.17	19.51	19.27	21.00
40	QPSK	1	1	19.09	19.40	19.16	21.00
40	QPSK	1	53	19.06	19.46	19.14	21.00
40	QPSK	1	104	19.13	19.48	19.25	21.00
40	QPSK	50	0	19.16	19.50	19.29	21.00
40	QPSK	50	28	19.03	19.44	19.15	21.00
40	QPSK	50	56	19.07	19.43	19.12	21.00
40	QPSK	100	0	19.15	19.52	19.30	21.00
40	16QAM	1	1	19.07	19.36	19.07	21.00
40	64QAM	1	1	17.69	17.90	17.70	19.50
40	256QAM	1	1	15.73	15.85	15.74	17.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.26	19.61	19.43	21.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.35	19.63	19.42	21.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.30	19.65	19.44	21.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.27	19.64	19.38	21.00

【FR1 n48_Ant 4_DSI 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	19.41	19.69	19.49	21.00
40	PI/2 BPSK	1	53	19.14	19.48	19.18	21.00
40	PI/2 BPSK	1	104	19.06	19.47	19.21	21.00
40	PI/2 BPSK	50	0	19.23	19.53	19.25	21.00
40	PI/2 BPSK	50	28	19.38	19.57	19.42	21.00
40	PI/2 BPSK	50	56	19.19	19.53	19.21	21.00
40	PI/2 BPSK	100	0	19.17	19.51	19.27	21.00
40	QPSK	1	1	19.09	19.40	19.16	21.00
40	QPSK	1	53	19.06	19.46	19.14	21.00
40	QPSK	1	104	19.13	19.48	19.25	21.00
40	QPSK	50	0	19.16	19.50	19.29	21.00
40	QPSK	50	28	19.03	19.44	19.15	21.00
40	QPSK	50	56	19.07	19.43	19.12	21.00
40	QPSK	100	0	19.15	19.52	19.30	21.00
40	16QAM	1	1	19.07	19.36	19.07	21.00

40	64QAM	1	1	17.69	17.90	17.70	19.50
40	256QAM	1	1	15.73	15.85	15.74	17.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	19.26	19.61	19.43	21.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	19.35	19.63	19.42	21.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	19.30	19.65	19.44	21.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	19.27	19.64	19.38	21.00

【FR1 n48_Ant 4_DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.56	16.65	16.58	17.00
40	PI/2 BPSK	1	53	16.37	16.57	16.37	17.00
40	PI/2 BPSK	1	104	16.45	16.58	16.45	17.00
40	PI/2 BPSK	50	0	16.45	16.59	16.40	17.00
40	PI/2 BPSK	50	28	16.54	16.63	16.56	17.00
40	PI/2 BPSK	50	56	16.47	16.59	16.45	17.00
40	PI/2 BPSK	100	0	16.38	16.49	16.36	17.00
40	QPSK	1	1	16.39	16.52	16.43	17.00
40	QPSK	1	53	16.33	16.56	16.39	17.00
40	QPSK	1	104	16.29	16.47	16.32	17.00
40	QPSK	50	0	16.41	16.61	16.45	17.00
40	QPSK	50	28	16.36	16.58	16.50	17.00
40	QPSK	50	56	16.38	16.60	16.48	17.00
40	QPSK	100	0	16.30	16.54	16.38	17.00
40	16QAM	1	1	16.39	16.53	16.42	17.00
40	64QAM	1	1	16.46	16.59	16.48	17.00
40	256QAM	1	1	15.73	15.85	15.74	17.00
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	16.49	16.63	16.44	17.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	16.45	16.56	16.56	17.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	16.50	16.62	16.51	17.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	16.50	16.63	16.56	17.00

【FR1 n48_Ant 4_DSI 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	18.71	18.73	18.67	20.50
40	PI/2 BPSK	1	53	18.52	18.59	18.51	20.50
40	PI/2 BPSK	1	104	18.57	18.66	18.50	20.50
40	PI/2 BPSK	50	0	18.62	18.68	18.59	20.50
40	PI/2 BPSK	50	28	18.63	18.69	18.61	20.50
40	PI/2 BPSK	50	56	18.54	18.64	18.50	20.50
40	PI/2 BPSK	100	0	18.56	18.62	18.52	20.50
40	QPSK	1	1	18.58	18.65	18.50	20.50
40	QPSK	1	53	18.55	18.58	18.50	20.50
40	QPSK	1	104	18.53	18.66	18.53	20.50
40	QPSK	50	0	18.59	18.64	18.57	20.50
40	QPSK	50	28	18.51	18.59	18.50	20.50
40	QPSK	50	56	18.62	18.71	18.56	20.50

40	QPSK	100	0	18.50	18.63	18.50	20.50
40	16QAM	1	1	18.59	18.67	18.59	20.50
40	64QAM	1	1	17.73	17.90	17.76	19.50
40	256QAM	1	1	15.73	15.85	15.74	17.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.70	18.69	18.55	20.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.61	18.70	18.66	20.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.57	18.58	18.57	20.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.61	18.68	18.60	20.50

【FR1 n48_Ant 4_DSI 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	19.41	19.69	19.49	20.80
40	PI/2 BPSK	1	53	19.14	19.48	19.18	20.80
40	PI/2 BPSK	1	104	19.06	19.47	19.21	20.80
40	PI/2 BPSK	50	0	19.23	19.53	19.25	20.80
40	PI/2 BPSK	50	28	19.38	19.57	19.42	20.80
40	PI/2 BPSK	50	56	19.19	19.53	19.21	20.80
40	PI/2 BPSK	100	0	19.17	19.51	19.27	20.80
40	QPSK	1	1	19.09	19.40	19.16	20.80
40	QPSK	1	53	19.06	19.46	19.14	20.80
40	QPSK	1	104	19.13	19.48	19.25	20.80
40	QPSK	50	0	19.16	19.50	19.29	20.80
40	QPSK	50	28	19.03	19.44	19.15	20.80
40	QPSK	50	56	19.07	19.43	19.12	20.80
40	QPSK	100	0	19.15	19.52	19.30	20.80
40	16QAM	1	1	19.07	19.36	19.07	20.80
40	64QAM	1	1	17.69	17.90	17.70	19.50
40	256QAM	1	1	15.73	15.85	15.74	17.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.26	19.61	19.43	20.80
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.35	19.63	19.42	20.80
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.30	19.65	19.44	20.80
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.27	19.64	19.38	20.80

【FR1 n48_Ant 4_DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.71	18.73	18.67	20.50
40	PI/2 BPSK	1	53	18.52	18.59	18.51	20.50
40	PI/2 BPSK	1	104	18.57	18.66	18.50	20.50
40	PI/2 BPSK	50	0	18.62	18.68	18.59	20.50
40	PI/2 BPSK	50	28	18.63	18.69	18.61	20.50
40	PI/2 BPSK	50	56	18.54	18.64	18.50	20.50
40	PI/2 BPSK	100	0	18.56	18.62	18.52	20.50
40	QPSK	1	1	18.58	18.65	18.50	20.50
40	QPSK	1	53	18.55	18.58	18.50	20.50
40	QPSK	1	104	18.53	18.66	18.53	20.50
40	QPSK	50	0	18.59	18.64	18.57	20.50

40	QPSK	50	28	18.51	18.59	18.50	20.50
40	QPSK	50	56	18.62	18.71	18.56	20.50
40	QPSK	100	0	18.50	18.63	18.50	20.50
40	16QAM	1	1	18.59	18.67	18.59	20.50
40	64QAM	1	1	17.73	17.90	17.76	19.50
40	256QAM	1	1	15.73	15.85	15.74	17.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	18.70	18.69	18.55	20.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	18.61	18.70	18.66	20.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	18.57	18.58	18.57	20.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	18.61	18.68	18.60	20.50

【FR1 n48_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.95	23.05	23.02	24.00
40	PI/2 BPSK	1	53	22.76	22.92	22.88	24.00
40	PI/2 BPSK	1	104	22.63	22.85	22.75	24.00
40	PI/2 BPSK	50	0	22.72	22.93	22.85	24.00
40	PI/2 BPSK	50	28	22.85	22.96	22.89	24.00
40	PI/2 BPSK	50	56	22.72	22.89	22.79	24.00
40	PI/2 BPSK	100	0	22.78	22.93	22.84	24.00
40	QPSK	1	1	22.68	22.82	22.65	24.00
40	QPSK	1	53	22.69	22.87	22.79	24.00
40	QPSK	1	104	22.72	22.84	22.80	24.00
40	QPSK	50	0	22.73	22.92	22.76	24.00
40	QPSK	50	28	22.77	22.91	22.74	24.00
40	QPSK	50	56	22.72	22.91	22.79	24.00
40	QPSK	100	0	22.78	22.90	22.83	24.00
40	16QAM	1	1	22.63	22.80	22.65	24.00
40	64QAM	1	1	21.14	21.30	21.14	22.50
40	256QAM	1	1	19.20	19.30	19.15	20.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	22.80	23.04	22.89	24.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	22.90	22.99	22.97	24.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	22.87	22.97	22.91	24.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	22.81	22.96	22.89	24.00

【FR1 n48_Ant 5_DSI 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	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.95	23.05	23.02	24.00
40	PI/2 BPSK	1	53	22.76	22.92	22.88	24.00
40	PI/2 BPSK	1	104	22.63	22.85	22.75	24.00
40	PI/2 BPSK	50	0	22.72	22.93	22.85	24.00
40	PI/2 BPSK	50	28	22.85	22.96	22.89	24.00
40	PI/2 BPSK	50	56	22.72	22.89	22.79	24.00
40	PI/2 BPSK	100	0	22.78	22.93	22.84	24.00
40	QPSK	1	1	22.68	22.82	22.65	24.00
40	QPSK	1	53	22.69	22.87	22.79	24.00

40	QPSK	1	104	22.72	22.84	22.80	24.00
40	QPSK	50	0	22.73	22.92	22.76	24.00
40	QPSK	50	28	22.77	22.91	22.74	24.00
40	QPSK	50	56	22.72	22.91	22.79	24.00
40	QPSK	100	0	22.78	22.90	22.83	24.00
40	16QAM	1	1	22.63	22.80	22.65	24.00
40	64QAM	1	1	21.14	21.30	21.14	22.50
40	256QAM	1	1	19.20	19.30	19.15	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.80	23.04	22.89	24.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.90	22.99	22.97	24.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.87	22.97	22.91	24.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.81	22.96	22.89	24.00

【FR1 n48_Ant 5_DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.47	20.53	20.50	21.20
40	PI/2 BPSK	1	53	20.35	20.48	20.30	21.20
40	PI/2 BPSK	1	104	20.34	20.42	20.32	21.20
40	PI/2 BPSK	50	0	20.32	20.41	20.28	21.20
40	PI/2 BPSK	50	28	20.38	20.47	20.35	21.20
40	PI/2 BPSK	50	56	20.19	20.39	20.28	21.20
40	PI/2 BPSK	100	0	20.35	20.46	20.41	21.20
40	QPSK	1	1	20.21	20.36	20.26	21.20
40	QPSK	1	53	20.21	20.39	20.30	21.20
40	QPSK	1	104	20.22	20.42	20.35	21.20
40	QPSK	50	0	20.31	20.45	20.36	21.20
40	QPSK	50	28	20.33	20.45	20.39	21.20
40	QPSK	50	56	20.25	20.35	20.27	21.20
40	QPSK	100	0	20.28	20.42	20.29	21.20
40	16QAM	1	1	20.32	20.48	20.34	21.20
40	64QAM	1	1	20.28	20.44	20.36	21.20
40	256QAM	1	1	19.20	19.30	19.15	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.41	20.43	20.37	21.20
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.33	20.51	20.42	21.20
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.38	20.51	20.41	21.20
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.41	20.41	20.37	21.20

【FR1 n48_Ant 5_DSI 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	18.37	18.41	18.39	20.20
40	PI/2 BPSK	1	53	18.23	18.28	18.21	20.20
40	PI/2 BPSK	1	104	18.20	18.32	18.20	20.20
40	PI/2 BPSK	50	0	18.22	18.25	18.21	20.20
40	PI/2 BPSK	50	28	18.35	18.38	18.36	20.20
40	PI/2 BPSK	50	56	18.23	18.35	18.20	20.20
40	PI/2 BPSK	100	0	18.20	18.32	18.22	20.20

40	QPSK	1	1	18.20	18.23	18.20	20.20
40	QPSK	1	53	18.20	18.25	18.21	20.20
40	QPSK	1	104	18.20	18.27	18.22	20.20
40	QPSK	50	0	18.20	18.37	18.32	20.20
40	QPSK	50	28	18.20	18.36	18.20	20.20
40	QPSK	50	56	18.26	18.33	18.27	20.20
40	QPSK	100	0	18.21	18.31	18.21	20.20
40	16QAM	1	1	18.22	18.38	18.22	20.20
40	64QAM	1	1	18.21	18.36	18.20	20.20
40	256QAM	1	1	18.21	18.30	18.20	20.20
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.23	18.38	18.35	20.20
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.34	18.34	18.26	20.20
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.32	18.30	18.27	20.20
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.35	18.27	18.27	20.20

【FR1 n48_Ant 5_DSI 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	20.47	20.53	20.50	22.20
40	PI/2 BPSK	1	53	20.37	20.48	20.32	22.20
40	PI/2 BPSK	1	104	20.31	20.42	20.26	22.20
40	PI/2 BPSK	50	0	20.29	20.41	20.27	22.20
40	PI/2 BPSK	50	28	20.38	20.47	20.35	22.20
40	PI/2 BPSK	50	56	20.27	20.39	20.22	22.20
40	PI/2 BPSK	100	0	20.37	20.46	20.33	22.20
40	QPSK	1	1	20.22	20.36	20.31	22.20
40	QPSK	1	53	20.25	20.39	20.34	22.20
40	QPSK	1	104	20.23	20.42	20.35	22.20
40	QPSK	50	0	20.34	20.45	20.39	22.20
40	QPSK	50	28	20.25	20.45	20.28	22.20
40	QPSK	50	56	20.24	20.35	20.21	22.20
40	QPSK	100	0	20.33	20.42	20.26	22.20
40	16QAM	1	1	20.28	20.48	20.38	22.20
40	64QAM	1	1	20.33	20.44	20.39	22.20
40	256QAM	1	1	19.15	19.30	19.26	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.38	20.44	20.43	22.20
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.43	20.51	20.40	22.20
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.37	20.43	20.41	22.20
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.40	20.38	20.48	22.20

【FR1 n48_Ant 5_DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.37	18.41	18.39	20.20
40	PI/2 BPSK	1	53	18.23	18.28	18.21	20.20
40	PI/2 BPSK	1	104	18.20	18.32	18.20	20.20
40	PI/2 BPSK	50	0	18.22	18.25	18.21	20.20
40	PI/2 BPSK	50	28	18.35	18.38	18.36	20.20

40	PI/2 BPSK	50	56	18.23	18.35	18.20	20.20
40	PI/2 BPSK	100	0	18.20	18.32	18.22	20.20
40	QPSK	1	1	18.20	18.23	18.20	20.20
40	QPSK	1	53	18.20	18.25	18.21	20.20
40	QPSK	1	104	18.20	18.27	18.22	20.20
40	QPSK	50	0	18.20	18.37	18.32	20.20
40	QPSK	50	28	18.20	18.36	18.20	20.20
40	QPSK	50	56	18.26	18.33	18.27	20.20
40	QPSK	100	0	18.21	18.31	18.21	20.20
40	16QAM	1	1	18.22	18.38	18.22	20.20
40	64QAM	1	1	18.21	18.36	18.20	20.20
40	256QAM	1	1	18.21	18.30	18.20	20.20
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.23	18.38	18.35	20.20
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.34	18.34	18.26	20.20
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.32	18.30	18.27	20.20
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.35	18.27	18.27	20.20

【FR1 n48_Ant 7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.28	23.34	23.26	24.00
40	PI/2 BPSK	1	53	23.17	23.29	23.14	24.00
40	PI/2 BPSK	1	104	23.11	23.25	23.04	24.00
40	PI/2 BPSK	50	0	23.12	23.31	23.11	24.00
40	PI/2 BPSK	50	28	23.25	23.32	23.21	24.00
40	PI/2 BPSK	50	56	23.17	23.30	23.14	24.00
40	PI/2 BPSK	100	0	23.21	23.31	23.18	24.00
40	QPSK	1	1	23.11	23.22	23.06	24.00
40	QPSK	1	53	23.12	23.23	23.13	24.00
40	QPSK	1	104	23.04	23.21	23.02	24.00
40	QPSK	50	0	23.00	23.20	23.10	24.00
40	QPSK	50	28	23.01	23.21	23.00	24.00
40	QPSK	50	56	23.25	23.33	23.17	24.00
40	QPSK	100	0	23.19	23.27	23.17	24.00
40	16QAM	1	1	23.06	23.17	23.01	24.00
40	64QAM	1	1	21.51	21.66	21.54	22.50
40	256QAM	1	1	19.51	19.68	19.59	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	23.14	23.28	23.18	24.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.26	23.31	23.21	24.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	23.24	23.31	23.13	24.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.26	23.31	23.20	24.00

【FR1 n48_Ant 7_DSI 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	23.28	23.34	23.26	24.00
40	PI/2 BPSK	1	53	23.17	23.29	23.14	24.00
40	PI/2 BPSK	1	104	23.11	23.25	23.04	24.00

40	PI/2 BPSK	50	0	23.12	23.31	23.11	24.00
40	PI/2 BPSK	50	28	23.25	23.32	23.21	24.00
40	PI/2 BPSK	50	56	23.17	23.30	23.14	24.00
40	PI/2 BPSK	100	0	23.21	23.31	23.18	24.00
40	QPSK	1	1	23.11	23.22	23.06	24.00
40	QPSK	1	53	23.12	23.23	23.13	24.00
40	QPSK	1	104	23.04	23.21	23.02	24.00
40	QPSK	50	0	23.00	23.20	23.10	24.00
40	QPSK	50	28	23.01	23.21	23.00	24.00
40	QPSK	50	56	23.25	23.33	23.17	24.00
40	QPSK	100	0	23.19	23.27	23.17	24.00
40	16QAM	1	1	23.06	23.17	23.01	24.00
40	64QAM	1	1	21.51	21.66	21.54	22.50
40	256QAM	1	1	19.51	19.68	19.59	20.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	23.14	23.28	23.18	24.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	23.26	23.31	23.21	24.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	23.24	23.31	23.13	24.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	23.26	23.31	23.20	24.00

【FR1 n48_Ant 7_DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.26	20.33	20.30	20.90
40	PI/2 BPSK	1	53	20.22	20.26	20.19	20.90
40	PI/2 BPSK	1	104	20.21	20.32	20.24	20.90
40	PI/2 BPSK	50	0	20.20	20.27	20.19	20.90
40	PI/2 BPSK	50	28	20.27	20.32	20.24	20.90
40	PI/2 BPSK	50	56	20.26	20.24	20.20	20.90
40	PI/2 BPSK	100	0	20.20	20.28	20.23	20.90
40	QPSK	1	1	20.22	20.30	20.31	20.90
40	QPSK	1	53	20.21	20.27	20.30	20.90
40	QPSK	1	104	20.22	20.27	20.25	20.90
40	QPSK	50	0	20.26	20.25	20.24	20.90
40	QPSK	50	28	20.21	20.26	20.22	20.90
40	QPSK	50	56	20.24	20.26	20.30	20.90
40	QPSK	100	0	20.26	20.28	20.23	20.90
40	16QAM	1	1	20.21	20.25	20.19	20.90
40	64QAM	1	1	20.27	20.30	20.18	20.90
40	256QAM	1	1	19.51	19.68	19.59	20.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	20.17	20.21	20.27	20.90
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	20.18	20.19	20.23	20.90
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	20.17	20.26	20.24	20.90
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	20.19	20.27	20.19	20.90

【FR1 n48_Ant 7_DSI 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	19.25	19.30	19.27	21.00

40	PI/2 BPSK	1	53	19.01	19.19	19.03	21.00
40	PI/2 BPSK	1	104	19.10	19.24	19.10	21.00
40	PI/2 BPSK	50	0	19.09	19.22	19.06	21.00
40	PI/2 BPSK	50	28	19.23	19.28	19.21	21.00
40	PI/2 BPSK	50	56	19.13	19.27	19.09	21.00
40	PI/2 BPSK	100	0	19.16	19.23	19.11	21.00
40	QPSK	1	1	19.10	19.28	19.11	21.00
40	QPSK	1	53	19.05	19.20	19.14	21.00
40	QPSK	1	104	19.08	19.18	19.05	21.00
40	QPSK	50	0	19.17	19.29	19.16	21.00
40	QPSK	50	28	19.09	19.25	19.10	21.00
40	QPSK	50	56	19.05	19.17	19.06	21.00
40	QPSK	100	0	19.20	19.28	19.16	21.00
40	16QAM	1	1	19.07	19.14	19.00	21.00
40	64QAM	1	1	19.01	19.21	19.15	21.00
40	256QAM	1	1	19.06	19.23	19.17	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.14	19.23	19.14	21.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.11	19.17	19.18	21.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.19	19.15	19.18	21.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.18	19.28	19.19	21.00

【FR1 n48_Ant 7_DSI 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	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.28	23.34	23.26	24.00
40	PI/2 BPSK	1	53	23.17	23.29	23.14	24.00
40	PI/2 BPSK	1	104	23.11	23.25	23.04	24.00
40	PI/2 BPSK	50	0	23.12	23.31	23.11	24.00
40	PI/2 BPSK	50	28	23.25	23.32	23.21	24.00
40	PI/2 BPSK	50	56	23.17	23.30	23.14	24.00
40	PI/2 BPSK	100	0	23.21	23.31	23.18	24.00
40	QPSK	1	1	23.11	23.22	23.06	24.00
40	QPSK	1	53	23.12	23.23	23.13	24.00
40	QPSK	1	104	23.04	23.21	23.02	24.00
40	QPSK	50	0	23.00	23.20	23.10	24.00
40	QPSK	50	28	23.01	23.21	23.00	24.00
40	QPSK	50	56	23.25	23.33	23.17	24.00
40	QPSK	100	0	23.19	23.27	23.17	24.00
40	16QAM	1	1	23.06	23.17	23.01	24.00
40	64QAM	1	1	21.51	21.66	21.54	22.50
40	256QAM	1	1	19.51	19.68	19.59	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	23.14	23.28	23.18	24.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.26	23.31	23.21	24.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	23.24	23.31	23.13	24.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.26	23.31	23.20	24.00

【FR1 n48_Ant 7_DSI 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				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	

Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.25	19.30	19.27	21.00
40	PI/2 BPSK	1	53	19.01	19.19	19.03	21.00
40	PI/2 BPSK	1	104	19.10	19.24	19.10	21.00
40	PI/2 BPSK	50	0	19.09	19.22	19.06	21.00
40	PI/2 BPSK	50	28	19.23	19.28	19.21	21.00
40	PI/2 BPSK	50	56	19.13	19.27	19.09	21.00
40	PI/2 BPSK	100	0	19.16	19.23	19.11	21.00
40	QPSK	1	1	19.10	19.28	19.11	21.00
40	QPSK	1	53	19.05	19.20	19.14	21.00
40	QPSK	1	104	19.08	19.18	19.05	21.00
40	QPSK	50	0	19.17	19.29	19.16	21.00
40	QPSK	50	28	19.09	19.25	19.10	21.00
40	QPSK	50	56	19.05	19.17	19.06	21.00
40	QPSK	100	0	19.20	19.28	19.16	21.00
40	16QAM	1	1	19.07	19.14	19.00	21.00
40	64QAM	1	1	19.01	19.21	19.15	21.00
40	256QAM	1	1	19.06	19.23	19.17	20.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	19.14	19.23	19.14	21.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	19.11	19.17	19.18	21.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	19.19	19.15	19.18	21.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	19.18	19.28	19.19	21.00

【FR1 n48_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	24.52	24.68	24.65	25.00
40	PI/2 BPSK	1	53	24.19	24.47	24.35	25.00
40	PI/2 BPSK	1	104	24.29	24.52	24.35	25.00
40	PI/2 BPSK	50	0	24.24	24.46	24.32	25.00
40	PI/2 BPSK	50	28	24.27	24.56	24.44	25.00
40	PI/2 BPSK	50	56	24.25	24.49	24.37	25.00
40	PI/2 BPSK	100	0	24.37	24.54	24.41	25.00
40	QPSK	1	1	24.15	24.39	24.27	25.00
40	QPSK	1	53	24.22	24.43	24.30	25.00
40	QPSK	1	104	24.22	24.42	24.25	25.00
40	QPSK	50	0	24.12	24.37	24.23	25.00
40	QPSK	50	28	24.26	24.46	24.39	25.00
40	QPSK	50	56	24.25	24.49	24.34	25.00
40	QPSK	100	0	24.09	24.39	24.27	25.00
40	16QAM	1	1	24.12	24.33	24.29	25.00
40	64QAM	1	1	22.60	22.82	22.64	24.00
40	256QAM	1	1	21.36	21.52	21.37	22.00
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	24.47	24.60	24.63	25.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	24.51	24.54	24.62	25.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	24.43	24.60	24.58	25.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	24.38	24.60	24.55	25.00

【FR1 n48_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				638000	641666	645332	
40	PI/2 BPSK	1	1	19.84	19.88	19.86	20.50
40	PI/2 BPSK	1	53	19.69	19.79	19.73	20.50
40	PI/2 BPSK	1	104	19.60	19.79	19.75	20.50
40	PI/2 BPSK	50	0	19.76	19.84	19.79	20.50
40	PI/2 BPSK	50	28	19.83	19.86	19.85	20.50
40	PI/2 BPSK	50	56	19.76	19.84	19.70	20.50
40	PI/2 BPSK	100	0	19.74	19.83	19.80	20.50
40	QPSK	1	1	19.75	19.83	19.75	20.50
40	QPSK	1	53	19.72	19.82	19.70	20.50
40	QPSK	1	104	19.64	19.80	19.75	20.50
40	QPSK	50	0	19.70	19.84	19.78	20.50
40	QPSK	50	28	19.75	19.81	19.75	20.50
40	QPSK	50	56	19.78	19.87	19.72	20.50
40	QPSK	100	0	19.64	19.79	19.65	20.50
40	16QAM	1	1	19.67	19.81	19.69	20.50
40	64QAM	1	1	19.60	19.78	19.69	20.50
40	256QAM	1	1	19.76	19.85	19.82	20.20
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.79	19.76	19.76	20.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.80	19.79	19.79	20.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.75	19.76	19.80	20.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.83	19.81	19.84	20.50

【FR1 n48_Ant 8_DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	24.52	24.68	24.65	25.00
40	PI/2 BPSK	1	53	24.19	24.47	24.35	25.00
40	PI/2 BPSK	1	104	24.29	24.52	24.35	25.00
40	PI/2 BPSK	50	0	24.24	24.46	24.32	25.00
40	PI/2 BPSK	50	28	24.27	24.56	24.44	25.00
40	PI/2 BPSK	50	56	24.25	24.49	24.37	25.00
40	PI/2 BPSK	100	0	24.37	24.54	24.41	25.00
40	QPSK	1	1	24.15	24.39	24.27	25.00
40	QPSK	1	53	24.22	24.43	24.30	25.00
40	QPSK	1	104	24.22	24.42	24.25	25.00
40	QPSK	50	0	24.12	24.37	24.23	25.00
40	QPSK	50	28	24.26	24.46	24.39	25.00
40	QPSK	50	56	24.25	24.49	24.34	25.00
40	QPSK	100	0	24.09	24.39	24.27	25.00
40	16QAM	1	1	24.12	24.33	24.29	25.00
40	64QAM	1	1	22.60	22.82	22.64	24.00
40	256QAM	1	1	21.36	21.52	21.37	22.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	24.47	24.60	24.63	25.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.51	24.54	24.62	25.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.43	24.60	24.58	25.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.38	24.60	24.55	25.00

【FR1 n48_Ant 8_DSI 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	22.32	22.37	22.36	24.10
40	PI/2 BPSK	1	53	22.12	22.27	22.17	24.10
40	PI/2 BPSK	1	104	22.12	22.25	22.22	24.10
40	PI/2 BPSK	50	0	22.10	22.28	22.24	24.10
40	PI/2 BPSK	50	28	22.31	22.35	22.33	24.10
40	PI/2 BPSK	50	56	22.15	22.25	22.16	24.10
40	PI/2 BPSK	100	0	22.20	22.28	22.20	24.10
40	QPSK	1	1	22.15	22.24	22.14	24.10
40	QPSK	1	53	22.10	22.22	22.10	24.10
40	QPSK	1	104	22.17	22.26	22.17	24.10
40	QPSK	50	0	22.10	22.24	22.14	24.10
40	QPSK	50	28	22.14	22.23	22.18	24.10
40	QPSK	50	56	22.10	22.21	22.11	24.10
40	QPSK	100	0	22.10	22.27	22.19	24.10
40	16QAM	1	1	22.19	22.27	22.23	24.10
40	64QAM	1	1	22.19	22.30	22.22	24.00
40	256QAM	1	1	21.36	21.52	21.37	22.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.18	22.23	22.23	24.10
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.19	22.28	22.24	24.10
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.21	22.27	22.35	24.10
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.20	22.33	22.32	24.10

【FR1 n48_Ant 8_DSI 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	19.84	19.88	19.86	20.50
40	PI/2 BPSK	1	53	19.69	19.79	19.73	20.50
40	PI/2 BPSK	1	104	19.60	19.79	19.75	20.50
40	PI/2 BPSK	50	0	19.76	19.84	19.79	20.50
40	PI/2 BPSK	50	28	19.83	19.86	19.85	20.50
40	PI/2 BPSK	50	56	19.76	19.84	19.70	20.50
40	PI/2 BPSK	100	0	19.74	19.83	19.80	20.50
40	QPSK	1	1	19.75	19.83	19.75	20.50
40	QPSK	1	53	19.72	19.82	19.70	20.50
40	QPSK	1	104	19.64	19.80	19.75	20.50
40	QPSK	50	0	19.70	19.84	19.78	20.50
40	QPSK	50	28	19.75	19.81	19.75	20.50
40	QPSK	50	56	19.78	19.87	19.72	20.50
40	QPSK	100	0	19.64	19.79	19.65	20.50
40	16QAM	1	1	19.67	19.81	19.69	20.50
40	64QAM	1	1	19.60	19.78	19.69	20.50
40	256QAM	1	1	19.76	19.85	19.82	20.20
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.79	19.76	19.76	20.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.80	19.79	19.79	20.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.75	19.76	19.80	20.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.83	19.81	19.84	20.50

【FR1 n48_Ant 8_DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.25	19.32	19.28	19.80
40	PI/2 BPSK	1	53	19.09	19.21	19.04	19.80
40	PI/2 BPSK	1	104	18.99	19.18	19.05	19.80
40	PI/2 BPSK	50	0	19.11	19.26	19.11	19.80
40	PI/2 BPSK	50	28	19.28	19.31	19.26	19.80
40	PI/2 BPSK	50	56	19.20	19.28	19.11	19.80
40	PI/2 BPSK	100	0	19.13	19.21	19.06	19.80
40	QPSK	1	1	19.05	19.22	19.11	19.80
40	QPSK	1	53	19.13	19.23	19.15	19.80
40	QPSK	1	104	19.10	19.24	19.17	19.80
40	QPSK	50	0	19.10	19.30	19.23	19.80
40	QPSK	50	28	19.11	19.24	19.14	19.80
40	QPSK	50	56	19.14	19.31	19.23	19.80
40	QPSK	100	0	19.11	19.27	19.10	19.80
40	16QAM	1	1	19.10	19.26	19.16	19.80
40	64QAM	1	1	19.10	19.22	19.06	19.80
40	256QAM	1	1	19.10	19.19	19.10	19.80
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.12	19.18	19.16	19.80
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.11	19.26	19.16	19.80
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.19	19.21	19.20	19.80
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.22	19.29	19.18	19.80

【FR1 n66_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.79	22.85	22.81	24.00
45	PI/2 BPSK	1	120	22.61	22.77	22.59	24.00
45	PI/2 BPSK	1	240	22.61	22.80	22.71	24.00
45	PI/2 BPSK	120	0	22.63	22.72	22.57	24.00
45	PI/2 BPSK	120	60	22.75	22.82	22.78	24.00
45	PI/2 BPSK	120	120	22.65	22.76	22.65	24.00
45	PI/2 BPSK	240	0	22.67	22.82	22.64	24.00
45	QPSK	1	1	22.67	22.82	22.67	24.00
45	QPSK	1	120	22.65	22.78	22.61	24.00
45	QPSK	1	240	22.60	22.81	22.66	24.00
45	QPSK	120	0	22.68	22.84	22.65	24.00
45	QPSK	120	60	22.66	22.77	22.66	24.00
45	QPSK	120	120	22.54	22.72	22.63	24.00
45	QPSK	240	0	22.55	22.75	22.70	24.00
45	16QAM	1	1	22.53	22.64	22.54	24.00
45	64QAM	1	1	21.61	21.75	21.63	23.00
45	256QAM	1	1	19.49	19.59	19.52	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.74	22.74	22.68	24.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.65	22.77	22.80	24.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.73	22.76	22.77	24.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	

25	PI/2 BPSK	1	1	22.66	22.73	22.73	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.64	22.78	22.79	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.77	22.75	22.68	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.74	22.84	22.69	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.73	22.80	22.68	24.00

【FR1 n66_Ant 1_DSI 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				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.79	22.85	22.81	24.00
45	PI/2 BPSK	1	120	22.61	22.77	22.59	24.00
45	PI/2 BPSK	1	240	22.61	22.80	22.71	24.00
45	PI/2 BPSK	120	0	22.63	22.72	22.57	24.00
45	PI/2 BPSK	120	60	22.75	22.82	22.78	24.00
45	PI/2 BPSK	120	120	22.65	22.76	22.65	24.00
45	PI/2 BPSK	240	0	22.67	22.82	22.64	24.00
45	QPSK	1	1	22.67	22.82	22.67	24.00
45	QPSK	1	120	22.65	22.78	22.61	24.00
45	QPSK	1	240	22.60	22.81	22.66	24.00
45	QPSK	120	0	22.68	22.84	22.65	24.00
45	QPSK	120	60	22.66	22.77	22.66	24.00
45	QPSK	120	120	22.54	22.72	22.63	24.00
45	QPSK	240	0	22.55	22.75	22.70	24.00
45	16QAM	1	1	22.53	22.64	22.54	24.00
45	64QAM	1	1	21.61	21.75	21.63	23.00
45	256QAM	1	1	19.49	19.59	19.52	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.74	22.74	22.68	24.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.65	22.77	22.80	24.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.73	22.76	22.77	24.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.66	22.73	22.73	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.64	22.78	22.79	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.77	22.75	22.68	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.74	22.84	22.69	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.73	22.80	22.68	24.00

【FR1 n66_Ant 1_DSI 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				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.42	17.47	17.45	18.40
45	PI/2 BPSK	1	120	17.33	17.43	17.33	18.40

45	PI/2 BPSK	1	240	17.21	17.40	17.28	18.40
45	PI/2 BPSK	120	0	17.22	17.33	17.19	18.40
45	PI/2 BPSK	120	60	17.38	17.45	17.41	18.40
45	PI/2 BPSK	120	120	17.27	17.43	17.27	18.40
45	PI/2 BPSK	240	0	17.20	17.38	17.34	18.40
45	QPSK	1	1	17.23	17.37	17.23	18.40
45	QPSK	1	120	17.31	17.41	17.36	18.40
45	QPSK	1	240	17.16	17.27	17.16	18.40
45	QPSK	120	0	17.23	17.39	17.29	18.40
45	QPSK	120	60	17.22	17.34	17.29	18.40
45	QPSK	120	120	17.19	17.29	17.23	18.40
45	QPSK	240	0	17.14	17.30	17.20	18.40
45	16QAM	1	1	17.17	17.35	17.32	18.40
45	64QAM	1	1	17.14	17.30	17.19	18.40
45	256QAM	1	1	17.19	17.28	17.13	18.40
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.35	17.41	17.40	18.40
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.38	17.36	17.44	18.40
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.33	17.37	17.37	18.40
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.41	17.36	17.35	18.40
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.32	17.37	17.35	18.40
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.32	17.39	17.35	18.40
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.28	17.38	17.32	18.40
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.40	17.42	17.38	18.40

【FR1 n66_Ant 1_DSI 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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.37	16.43	16.30	17.00
45	PI/2 BPSK	1	120	16.30	16.33	16.30	17.00
45	PI/2 BPSK	1	240	16.31	16.38	16.30	17.00
45	PI/2 BPSK	120	0	16.32	16.33	16.30	17.00
45	PI/2 BPSK	120	60	16.30	16.39	16.31	17.00
45	PI/2 BPSK	120	120	16.31	16.33	16.30	17.00
45	PI/2 BPSK	240	0	16.31	16.33	16.30	17.00
45	QPSK	1	1	16.32	16.31	16.30	17.00
45	QPSK	1	120	16.31	16.38	16.32	17.00
45	QPSK	1	240	16.34	16.42	16.30	17.00
45	QPSK	120	0	16.30	16.40	16.30	17.00
45	QPSK	120	60	16.31	16.32	16.30	17.00
45	QPSK	120	120	16.30	16.37	16.32	17.00
45	QPSK	240	0	16.31	16.38	16.30	17.00
45	16QAM	1	1	16.30	16.42	16.30	17.00
45	64QAM	1	1	16.30	16.30	16.31	17.00
45	256QAM	1	1	16.34	16.41	16.31	17.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.34	16.30	16.30	17.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.34	16.35	16.31	17.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.34	16.31	16.30	17.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	

25	PI/2 BPSK	1	1	16.32	16.32	16.30	17.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.35	16.41	16.31	17.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.30	16.34	16.30	17.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.34	16.41	16.30	17.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.33	16.35	16.30	17.00

【FR1 n66_Ant 1_DSI 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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.95	19.99	19.97	21.50
45	PI/2 BPSK	1	120	19.85	19.93	19.81	21.50
45	PI/2 BPSK	1	240	19.74	19.87	19.74	21.50
45	PI/2 BPSK	120	0	19.72	19.89	19.86	21.50
45	PI/2 BPSK	120	60	19.93	19.98	19.96	21.50
45	PI/2 BPSK	120	120	19.76	19.89	19.79	21.50
45	PI/2 BPSK	240	0	19.80	19.95	19.78	21.50
45	QPSK	1	1	19.81	19.97	19.91	21.50
45	QPSK	1	120	19.83	19.93	19.90	21.50
45	QPSK	1	240	19.63	19.82	19.73	21.50
45	QPSK	120	0	19.75	19.89	19.82	21.50
45	QPSK	120	60	19.82	19.88	19.72	21.50
45	QPSK	120	120	19.89	19.98	19.87	21.50
45	QPSK	240	0	19.84	19.91	19.80	21.50
45	16QAM	1	1	19.86	19.95	19.83	21.50
45	64QAM	1	1	19.71	19.85	19.78	21.50
45	256QAM	1	1	19.49	19.59	19.52	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.90	19.89	19.86	21.50
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.89	19.85	19.90	21.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.89	19.90	19.89	21.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.89	19.96	19.89	21.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.89	19.94	19.82	21.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.82	19.85	19.94	21.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.87	19.86	19.84	21.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.91	19.96	19.88	21.50

【FR1 n66_Ant 1_DSI 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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.37	16.43	16.30	17.00
45	PI/2 BPSK	1	120	16.30	16.33	16.30	17.00

45	PI/2 BPSK	1	240	16.31	16.38	16.30	17.00
45	PI/2 BPSK	120	0	16.32	16.33	16.30	17.00
45	PI/2 BPSK	120	60	16.30	16.39	16.31	17.00
45	PI/2 BPSK	120	120	16.31	16.33	16.30	17.00
45	PI/2 BPSK	240	0	16.31	16.33	16.30	17.00
45	QPSK	1	1	16.32	16.31	16.30	17.00
45	QPSK	1	120	16.31	16.38	16.32	17.00
45	QPSK	1	240	16.34	16.42	16.30	17.00
45	QPSK	120	0	16.30	16.40	16.30	17.00
45	QPSK	120	60	16.31	16.32	16.30	17.00
45	QPSK	120	120	16.30	16.37	16.32	17.00
45	QPSK	240	0	16.31	16.38	16.30	17.00
45	16QAM	1	1	16.30	16.42	16.30	17.00
45	64QAM	1	1	16.30	16.30	16.31	17.00
45	256QAM	1	1	16.34	16.41	16.31	17.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.34	16.30	16.30	17.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.34	16.35	16.31	17.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.34	16.31	16.30	17.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.32	16.32	16.30	17.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.35	16.41	16.31	17.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.30	16.34	16.30	17.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.34	16.41	16.30	17.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.33	16.35	16.30	17.00

【FR1 n66_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.93	22.95	22.90	24.00
45	PI/2 BPSK	1	120	22.78	22.93	22.86	24.00
45	PI/2 BPSK	1	240	22.87	22.91	22.77	24.00
45	PI/2 BPSK	120	0	22.67	22.73	22.64	24.00
45	PI/2 BPSK	120	60	22.86	22.91	22.90	24.00
45	PI/2 BPSK	120	120	22.78	22.87	22.76	24.00
45	PI/2 BPSK	240	0	22.71	22.88	22.75	24.00
45	QPSK	1	1	22.78	22.88	22.72	24.00
45	QPSK	1	120	22.66	22.82	22.64	24.00
45	QPSK	1	240	22.62	22.76	22.68	24.00
45	QPSK	120	0	22.69	22.77	22.66	24.00
45	QPSK	120	60	22.71	22.74	22.56	24.00
45	QPSK	120	120	22.71	22.85	22.67	24.00
45	QPSK	240	0	22.62	22.76	22.62	24.00
45	16QAM	1	1	22.75	22.85	22.73	24.00
45	64QAM	1	1	21.76	21.81	21.67	23.00
45	256QAM	1	1	19.62	19.76	19.61	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.81	22.83	22.84	24.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.80	22.85	22.84	24.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.84	22.85	22.84	24.00
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	22.75	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.81	22.90	22.89	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.88	22.89	22.88	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.84	22.88	22.85	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.84	22.90	22.78	24.00

【FR1 n66_Ant 2_DSI 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				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.93	22.95	22.90	24.00
45	PI/2 BPSK	1	120	22.78	22.93	22.86	24.00
45	PI/2 BPSK	1	240	22.87	22.91	22.77	24.00
45	PI/2 BPSK	120	0	22.67	22.73	22.64	24.00
45	PI/2 BPSK	120	60	22.86	22.91	22.90	24.00
45	PI/2 BPSK	120	120	22.78	22.87	22.76	24.00
45	PI/2 BPSK	240	0	22.71	22.88	22.75	24.00
45	QPSK	1	1	22.78	22.88	22.72	24.00
45	QPSK	1	120	22.66	22.82	22.64	24.00
45	QPSK	1	240	22.62	22.76	22.68	24.00
45	QPSK	120	0	22.69	22.77	22.66	24.00
45	QPSK	120	60	22.71	22.74	22.56	24.00
45	QPSK	120	120	22.71	22.85	22.67	24.00
45	QPSK	240	0	22.62	22.76	22.62	24.00
45	16QAM	1	1	22.75	22.85	22.73	24.00
45	64QAM	1	1	21.76	21.81	21.67	23.00
45	256QAM	1	1	19.62	19.76	19.61	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.81	22.83	22.84	24.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.80	22.85	22.84	24.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.84	22.85	22.84	24.00
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	22.75	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.81	22.90	22.89	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.88	22.89	22.88	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.84	22.88	22.85	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.84	22.90	22.78	24.00

【FR1 n66_Ant 2_DSI 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				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.93	22.95	22.90	24.00
45	PI/2 BPSK	1	120	22.78	22.93	22.86	24.00

45	PI/2 BPSK	1	240	22.87	22.91	22.77	24.00
45	PI/2 BPSK	120	0	22.67	22.73	22.64	24.00
45	PI/2 BPSK	120	60	22.86	22.91	22.90	24.00
45	PI/2 BPSK	120	120	22.78	22.87	22.76	24.00
45	PI/2 BPSK	240	0	22.71	22.88	22.75	24.00
45	QPSK	1	1	22.78	22.88	22.72	24.00
45	QPSK	1	120	22.66	22.82	22.64	24.00
45	QPSK	1	240	22.62	22.76	22.68	24.00
45	QPSK	120	0	22.69	22.77	22.66	24.00
45	QPSK	120	60	22.71	22.74	22.56	24.00
45	QPSK	120	120	22.71	22.85	22.67	24.00
45	QPSK	240	0	22.62	22.76	22.62	24.00
45	16QAM	1	1	22.75	22.85	22.73	24.00
45	64QAM	1	1	21.76	21.81	21.67	23.00
45	256QAM	1	1	19.62	19.76	19.61	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.79	22.81	22.87	24.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.81	22.83	22.83	24.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.92	22.86	22.87	24.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.91	22.87	22.89	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.88	22.87	22.77	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.87	22.83	22.83	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.89	22.90	22.82	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.87	22.81	22.78	24.00

【FR1 n66_Ant 2_DSI 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				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.44	20.50	20.43	22.00
45	PI/2 BPSK	1	120	20.26	20.37	20.16	22.00
45	PI/2 BPSK	1	240	20.25	20.42	20.31	22.00
45	PI/2 BPSK	120	0	20.25	20.45	20.25	22.00
45	PI/2 BPSK	120	60	20.46	20.48	20.38	22.00
45	PI/2 BPSK	120	120	20.36	20.46	20.31	22.00
45	PI/2 BPSK	240	0	20.33	20.45	20.30	22.00
45	QPSK	1	1	20.30	20.41	20.21	22.00
45	QPSK	1	120	20.26	20.45	20.23	22.00
45	QPSK	1	240	20.24	20.40	20.20	22.00
45	QPSK	120	0	20.40	20.48	20.35	22.00
45	QPSK	120	60	20.23	20.41	20.26	22.00
45	QPSK	120	120	20.34	20.41	20.24	22.00
45	QPSK	240	0	20.28	20.39	20.29	22.00
45	16QAM	1	1	20.27	20.42	20.21	22.00
45	64QAM	1	1	20.24	20.39	20.30	22.00
45	256QAM	1	1	19.62	19.76	19.61	21.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.31	20.43	20.33	22.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.33	20.37	20.29	22.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.38	20.44	20.35	22.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	

25	PI/2 BPSK	1	1	20.36	20.37	20.41	22.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.38	20.44	20.37	22.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.37	20.45	20.37	22.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.35	20.41	20.35	22.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.34	20.47	20.29	22.00

【FR1 n66_Ant 2_DSI 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				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.01	22.05	22.03	23.60
45	PI/2 BPSK	1	120	21.84	21.92	21.84	23.60
45	PI/2 BPSK	1	240	21.90	21.95	21.83	23.60
45	PI/2 BPSK	120	0	21.85	21.90	21.82	23.60
45	PI/2 BPSK	120	60	21.98	22.03	22.01	23.60
45	PI/2 BPSK	120	120	21.92	22.01	21.92	23.60
45	PI/2 BPSK	240	0	21.92	21.97	21.87	23.60
45	QPSK	1	1	21.74	21.90	21.77	23.60
45	QPSK	1	120	21.84	21.90	21.74	23.60
45	QPSK	1	240	21.91	22.00	21.86	23.60
45	QPSK	120	0	21.85	22.00	21.89	23.60
45	QPSK	120	60	21.83	21.93	21.85	23.60
45	QPSK	120	120	21.82	22.00	21.86	23.60
45	QPSK	240	0	21.73	21.88	21.72	23.60
45	16QAM	1	1	21.87	22.01	21.88	23.60
45	64QAM	1	1	21.76	21.81	21.67	23.00
45	256QAM	1	1	19.62	19.76	19.61	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.88	21.91	21.99	23.60
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	21.91	21.96	21.95	23.60
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.96	21.99	22.00	23.60
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.93	21.97	21.93	23.60
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.92	21.98	21.98	23.60
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.91	21.97	21.99	23.60
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.87	21.92	21.91	23.60
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.88	22.00	21.89	23.60

【FR1 n66_Ant 2_DSI 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				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.48	18.55	18.51	19.50
45	PI/2 BPSK	1	120	18.17	18.34	18.25	19.50

45	PI/2 BPSK	1	240	18.21	18.38	18.31	19.50
45	PI/2 BPSK	120	0	18.29	18.45	18.29	19.50
45	PI/2 BPSK	120	60	18.48	18.53	18.52	19.50
45	PI/2 BPSK	120	120	18.16	18.24	18.10	19.50
45	PI/2 BPSK	240	0	18.37	18.48	18.36	19.50
45	QPSK	1	1	18.32	18.46	18.40	19.50
45	QPSK	1	120	18.23	18.37	18.25	19.50
45	QPSK	1	240	18.23	18.32	18.18	19.50
45	QPSK	120	0	18.24	18.42	18.23	19.50
45	QPSK	120	60	18.18	18.38	18.23	19.50
45	QPSK	120	120	18.17	18.29	18.19	19.50
45	QPSK	240	0	18.14	18.33	18.26	19.50
45	16QAM	1	1	18.12	18.29	18.20	19.50
45	64QAM	1	1	18.40	18.48	18.38	19.50
45	256QAM	1	1	18.19	18.36	18.18	19.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.46	18.48	18.47	19.50
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.36	18.48	18.41	19.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.46	18.41	18.36	19.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.35	18.41	18.38	19.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.46	18.49	18.42	19.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.41	18.44	18.41	19.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.40	18.41	18.40	19.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.37	18.43	18.42	19.50

【FR1 n70_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		22.82		24.00
15	PI/2 BPSK	1	40		22.62		24.00
15	PI/2 BPSK	1	77		22.66		24.00
15	PI/2 BPSK	36	0		22.60		24.00
15	PI/2 BPSK	36	22		22.78		24.00
15	PI/2 BPSK	36	43		22.56		24.00
15	PI/2 BPSK	75	0		22.74		24.00
15	QPSK	1	1		22.76		24.00
15	QPSK	1	40		22.68		24.00
15	QPSK	1	77		22.53		24.00
15	QPSK	36	0		22.66		24.00
15	QPSK	36	22		22.50		24.00
15	QPSK	36	43		22.54		24.00
15	QPSK	75	0		22.60		24.00
15	16QAM	1	1		22.70		24.00
15	64QAM	1	1		21.72		23.00
15	256QAM	1	1		19.65		21.00
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	22.75	22.78	22.70	24.00
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	22.66	22.69	22.68	24.00

【FR1 n70_Ant 1_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		22.82		24.00
15	PI/2 BPSK	1	40		22.62		24.00
15	PI/2 BPSK	1	77		22.66		24.00
15	PI/2 BPSK	36	0		22.60		24.00
15	PI/2 BPSK	36	22		22.78		24.00
15	PI/2 BPSK	36	43		22.56		24.00
15	PI/2 BPSK	75	0		22.74		24.00
15	QPSK	1	1		22.76		24.00
15	QPSK	1	40		22.68		24.00
15	QPSK	1	77		22.53		24.00
15	QPSK	36	0		22.66		24.00
15	QPSK	36	22		22.50		24.00
15	QPSK	36	43		22.54		24.00
15	QPSK	75	0		22.60		24.00
15	16QAM	1	1		22.70		24.00
15	64QAM	1	1		21.72		23.00
15	256QAM	1	1		19.65		21.00
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	22.75	22.78	22.70	24.00
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	22.66	22.69	22.68	24.00

【FR1 n70_Ant 1_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		17.62		19.00
15	PI/2 BPSK	1	40		17.44		19.00
15	PI/2 BPSK	1	77		17.49		19.00
15	PI/2 BPSK	36	0		17.55		19.00
15	PI/2 BPSK	36	22		17.60		19.00
15	PI/2 BPSK	36	43		17.51		19.00
15	PI/2 BPSK	75	0		17.48		19.00
15	QPSK	1	1		17.54		19.00
15	QPSK	1	40		17.54		19.00
15	QPSK	1	77		17.60		19.00
15	QPSK	36	0		17.50		19.00
15	QPSK	36	22		17.51		19.00
15	QPSK	36	43		17.52		19.00
15	QPSK	75	0		17.50		19.00
15	16QAM	1	1		17.49		19.00
15	64QAM	1	1		17.48		19.00
15	256QAM	1	1		17.13		19.00
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	17.57	17.60	17.55	19.00
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	17.47	17.47	17.49	19.00

【FR1 n70_Ant 1_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		20.08		21.90
15	PI/2 BPSK	1	40		20.00		21.90
15	PI/2 BPSK	1	77		20.02		21.90
15	PI/2 BPSK	36	0		20.00		21.90

15	PI/2 BPSK	36	22		20.07		21.90
15	PI/2 BPSK	36	43		20.06		21.90
15	PI/2 BPSK	75	0		20.03		21.90
15	QPSK	1	1		20.03		21.90
15	QPSK	1	40		20.06		21.90
15	QPSK	1	77		20.05		21.90
15	QPSK	36	0		19.93		21.90
15	QPSK	36	22		20.01		21.90
15	QPSK	36	43		19.96		21.90
15	QPSK	75	0		20.07		21.90
15	16QAM	1	1		20.05		21.90
15	64QAM	1	1		19.97		21.90
15	256QAM	1	1		19.99		21.90
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	19.95	20.01	19.98	21.90
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	19.90	19.97	19.92	21.90

【FR1 n70_Ant 1_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		20.95		22.80
15	PI/2 BPSK	1	40		20.93		22.80
15	PI/2 BPSK	1	77		20.89		22.80
15	PI/2 BPSK	36	0		20.83		22.80
15	PI/2 BPSK	36	22		20.93		22.80
15	PI/2 BPSK	36	43		20.86		22.80
15	PI/2 BPSK	75	0		20.89		22.80
15	QPSK	1	1		20.89		22.80
15	QPSK	1	40		20.91		22.80
15	QPSK	1	77		20.93		22.80
15	QPSK	36	0		20.85		22.80
15	QPSK	36	22		20.92		22.80
15	QPSK	36	43		20.89		22.80
15	QPSK	75	0		20.92		22.80
15	16QAM	1	1		20.94		22.80
15	64QAM	1	1		20.86		22.80
15	256QAM	1	1		19.65		21.00
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	20.86	20.92	20.89	22.80
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	20.83	20.88	20.84	22.80

【FR1 n70_Ant 1_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		20.08		21.70
15	PI/2 BPSK	1	40		20.00		21.70
15	PI/2 BPSK	1	77		20.02		21.70
15	PI/2 BPSK	36	0		20.00		21.70
15	PI/2 BPSK	36	22		20.07		21.70
15	PI/2 BPSK	36	43		20.06		21.70
15	PI/2 BPSK	75	0		20.03		21.70
15	QPSK	1	1		20.03		21.70
15	QPSK	1	40		20.06		21.70
15	QPSK	1	77		20.05		21.70
15	QPSK	36	0		19.93		21.70
15	QPSK	36	22		20.01		21.70
15	QPSK	36	43		19.96		21.70
15	QPSK	75	0		20.07		21.70

15	16QAM	1	1		20.05		21.70
15	64QAM	1	1		20.06		21.70
15	256QAM	1	1		19.65		20.00
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	19.95	20.01	19.98	21.70
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	19.82	19.98	19.84	21.70

【FR1 n70_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		22.75		24.00
15	PI/2 BPSK	1	40		22.72		24.00
15	PI/2 BPSK	1	77		22.63		24.00
15	PI/2 BPSK	36	0		22.58		24.00
15	PI/2 BPSK	36	22		22.69		24.00
15	PI/2 BPSK	36	43		22.59		24.00
15	PI/2 BPSK	75	0		22.64		24.00
15	QPSK	1	1		22.61		24.00
15	QPSK	1	40		22.68		24.00
15	QPSK	1	77		22.62		24.00
15	QPSK	36	0		22.63		24.00
15	QPSK	36	22		22.54		24.00
15	QPSK	36	43		22.60		24.00
15	QPSK	75	0		22.62		24.00
15	16QAM	1	1		22.64		24.00
15	64QAM	1	1		21.61		23.00
15	256QAM	1	1		19.44		21.00
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	22.65	22.68	22.63	24.00
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	22.52	22.61	22.49	24.00

【FR1 n70_Ant 2_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		22.75		24.00
15	PI/2 BPSK	1	40		22.72		24.00
15	PI/2 BPSK	1	77		22.63		24.00
15	PI/2 BPSK	36	0		22.58		24.00
15	PI/2 BPSK	36	22		22.69		24.00
15	PI/2 BPSK	36	43		22.59		24.00
15	PI/2 BPSK	75	0		22.64		24.00
15	QPSK	1	1		22.61		24.00
15	QPSK	1	40		22.68		24.00
15	QPSK	1	77		22.62		24.00
15	QPSK	36	0		22.63		24.00
15	QPSK	36	22		22.54		24.00
15	QPSK	36	43		22.60		24.00
15	QPSK	75	0		22.62		24.00
15	16QAM	1	1		22.64		24.00
15	64QAM	1	1		21.61		23.00
15	256QAM	1	1		19.44		21.00
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	22.65	22.68	22.63	24.00
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	22.52	22.61	22.49	24.00

【FR1 n70_Ant 2_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		22.75		24.00
15	PI/2 BPSK	1	40		22.72		24.00
15	PI/2 BPSK	1	77		22.63		24.00
15	PI/2 BPSK	36	0		22.58		24.00
15	PI/2 BPSK	36	22		22.69		24.00
15	PI/2 BPSK	36	43		22.59		24.00
15	PI/2 BPSK	75	0		22.64		24.00
15	QPSK	1	1		22.61		24.00
15	QPSK	1	40		22.68		24.00
15	QPSK	1	77		22.62		24.00
15	QPSK	36	0		22.63		24.00
15	QPSK	36	22		22.54		24.00
15	QPSK	36	43		22.60		24.00
15	QPSK	75	0		22.62		24.00
15	16QAM	1	1		22.64		24.00
15	64QAM	1	1		21.61		23.00
15	256QAM	1	1		19.44		21.00
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	22.65	22.68	22.63	24.00
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	22.52	22.61	22.49	24.00

【FR1 n70_Ant 2_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		20.73		22.50
15	PI/2 BPSK	1	40		20.63		22.50
15	PI/2 BPSK	1	77		20.70		22.50
15	PI/2 BPSK	36	0		20.65		22.50
15	PI/2 BPSK	36	22		20.69		22.50
15	PI/2 BPSK	36	43		20.60		22.50
15	PI/2 BPSK	75	0		20.69		22.50
15	QPSK	1	1		20.54		22.50
15	QPSK	1	40		20.63		22.50
15	QPSK	1	77		20.56		22.50
15	QPSK	36	0		20.67		22.50
15	QPSK	36	22		20.61		22.50
15	QPSK	36	43		20.52		22.50
15	QPSK	75	0		20.70		22.50
15	16QAM	1	1		20.64		22.50
15	64QAM	1	1		20.70		22.50
15	256QAM	1	1		19.74		21.50
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	20.63	20.70	20.67	22.50
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	20.69	20.70	20.52	22.50

【FR1 n70_Ant 2_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		22.75		24.00

15	PI/2 BPSK	1	40		22.72		24.00
15	PI/2 BPSK	1	77		22.63		24.00
15	PI/2 BPSK	36	0		22.58		24.00
15	PI/2 BPSK	36	22		22.69		24.00
15	PI/2 BPSK	36	43		22.59		24.00
15	PI/2 BPSK	75	0		22.64		24.00
15	QPSK	1	1		22.61		24.00
15	QPSK	1	40		22.68		24.00
15	QPSK	1	77		22.62		24.00
15	QPSK	36	0		22.63		24.00
15	QPSK	36	22		22.54		24.00
15	QPSK	36	43		22.60		24.00
15	QPSK	75	0		22.62		24.00
15	16QAM	1	1		22.64		24.00
15	64QAM	1	1		21.61		23.00
15	256QAM	1	1		19.44		21.00
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	22.65	22.68	22.63	24.00
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	22.52	22.61	22.49	24.00

【FR1 n70_Ant 2_DSI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		19.76		21.40
15	PI/2 BPSK	1	40		19.69		21.40
15	PI/2 BPSK	1	77		19.57		21.40
15	PI/2 BPSK	36	0		19.70		21.40
15	PI/2 BPSK	36	22		19.74		21.40
15	PI/2 BPSK	36	43		19.71		21.40
15	PI/2 BPSK	75	0		19.72		21.40
15	QPSK	1	1		19.61		21.40
15	QPSK	1	40		19.61		21.40
15	QPSK	1	77		19.59		21.40
15	QPSK	36	0		19.62		21.40
15	QPSK	36	22		19.58		21.40
15	QPSK	36	43		19.69		21.40
15	QPSK	75	0		19.68		21.40
15	16QAM	1	1		19.58		21.40
15	64QAM	1	1		19.63		21.40
15	256QAM	1	1		19.44		21.00
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	19.71	19.72	19.68	21.40
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	19.68	19.68	19.63	21.40

【FR1 n71_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.45		24.00
35	PI/2 BPSK	1	90		23.26		24.00
35	PI/2 BPSK	1	186		23.32		24.00
35	PI/2 BPSK	90	0		23.39		24.00
35	PI/2 BPSK	90	45		23.42		24.00
35	PI/2 BPSK	90	90		23.41		24.00
35	PI/2 BPSK	180	0		23.39		24.00
35	QPSK	1	1		23.32		24.00
35	QPSK	1	90		23.31		24.00
35	QPSK	1	186		23.25		24.00
35	QPSK	90	0		23.41		24.00

35	QPSK	90	45		23.37		24.00
35	QPSK	90	90		23.39		24.00
35	QPSK	180	0		23.43		24.00
35	16QAM	1	1		23.27		24.00
35	64QAM	1	1		22.33		23.00
35	256QAM	1	1		20.35		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.38	23.42	23.35	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.33	23.34	23.34	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.29	23.37	23.34	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.31	23.34	23.21	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.32	23.29	23.29	24.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.05	23.06	23.14	24.00

【FR1 n71_Ant 0_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.45		24.00
35	PI/2 BPSK	1	90		23.26		24.00
35	PI/2 BPSK	1	186		23.32		24.00
35	PI/2 BPSK	90	0		23.39		24.00
35	PI/2 BPSK	90	45		23.42		24.00
35	PI/2 BPSK	90	90		23.41		24.00
35	PI/2 BPSK	180	0		23.39		24.00
35	QPSK	1	1		23.32		24.00
35	QPSK	1	90		23.31		24.00
35	QPSK	1	186		23.25		24.00
35	QPSK	90	0		23.41		24.00
35	QPSK	90	45		23.37		24.00
35	QPSK	90	90		23.39		24.00
35	QPSK	180	0		23.43		24.00
35	16QAM	1	1		23.27		24.00
35	64QAM	1	1		22.33		23.00
35	256QAM	1	1		20.35		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.38	23.42	23.35	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.33	23.34	23.34	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.29	23.37	23.34	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.31	23.34	23.21	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.32	23.29	23.29	24.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.05	23.06	23.14	24.00

【FR1 n71_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)							
35	PI/2 BPSK	1	1		23.45		24.00
35	PI/2 BPSK	1	90		23.26		24.00
35	PI/2 BPSK	1	186		23.32		24.00
35	PI/2 BPSK	90	0		23.39		24.00
35	PI/2 BPSK	90	45		23.42		24.00
35	PI/2 BPSK	90	90		23.41		24.00
35	PI/2 BPSK	180	0		23.39		24.00
35	QPSK	1	1		23.32		24.00
35	QPSK	1	90		23.31		24.00
35	QPSK	1	186		23.25		24.00
35	QPSK	90	0		23.41		24.00
35	QPSK	90	45		23.37		24.00
35	QPSK	90	90		23.39		24.00
35	QPSK	180	0		23.43		24.00
35	16QAM	1	1		23.27		24.00
35	64QAM	1	1		22.33		23.00
35	256QAM	1	1		20.35		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.38	23.42	23.35	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.30	23.35	23.22	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.36	23.28	23.25	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.35	23.33	23.22	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.23	23.36	23.26	24.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.27	23.27	23.26	24.00

【FR1 n71_Ant 0_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.45		24.00
35	PI/2 BPSK	1	90		23.26		24.00
35	PI/2 BPSK	1	186		23.32		24.00
35	PI/2 BPSK	90	0		23.39		24.00
35	PI/2 BPSK	90	45		23.42		24.00
35	PI/2 BPSK	90	90		23.41		24.00
35	PI/2 BPSK	180	0		23.39		24.00
35	QPSK	1	1		23.32		24.00
35	QPSK	1	90		23.31		24.00
35	QPSK	1	186		23.25		24.00
35	QPSK	90	0		23.41		24.00
35	QPSK	90	45		23.37		24.00
35	QPSK	90	90		23.39		24.00
35	QPSK	180	0		23.43		24.00
35	16QAM	1	1		23.27		24.00
35	64QAM	1	1		22.33		23.00
35	256QAM	1	1		20.35		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.38	23.42	23.35	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.33	23.34	23.34	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.29	23.37	23.34	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.31	23.34	23.21	24.00

Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.32	23.29	23.29	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.05	23.06	23.14	24.00

【FR1 n71_Ant 0_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.45		24.00
35	PI/2 BPSK	1	90		23.26		24.00
35	PI/2 BPSK	1	186		23.32		24.00
35	PI/2 BPSK	90	0		23.39		24.00
35	PI/2 BPSK	90	45		23.42		24.00
35	PI/2 BPSK	90	90		23.41		24.00
35	PI/2 BPSK	180	0		23.39		24.00
35	QPSK	1	1		23.32		24.00
35	QPSK	1	90		23.31		24.00
35	QPSK	1	186		23.25		24.00
35	QPSK	90	0		23.41		24.00
35	QPSK	90	45		23.37		24.00
35	QPSK	90	90		23.39		24.00
35	QPSK	180	0		23.43		24.00
35	16QAM	1	1		23.27		24.00
35	64QAM	1	1		22.33		23.00
35	256QAM	1	1		20.35		21.00
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.38	23.42	23.35	24.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.33	23.34	23.34	24.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.29	23.37	23.34	24.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.31	23.34	23.21	24.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.32	23.29	23.29	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.05	23.06	23.14	24.00

【FR1 n71_Ant 0_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.45		24.00
35	PI/2 BPSK	1	90		23.26		24.00
35	PI/2 BPSK	1	186		23.32		24.00
35	PI/2 BPSK	90	0		23.39		24.00
35	PI/2 BPSK	90	45		23.42		24.00
35	PI/2 BPSK	90	90		23.41		24.00
35	PI/2 BPSK	180	0		23.39		24.00
35	QPSK	1	1		23.32		24.00
35	QPSK	1	90		23.31		24.00
35	QPSK	1	186		23.25		24.00
35	QPSK	90	0		23.41		24.00
35	QPSK	90	45		23.37		24.00
35	QPSK	90	90		23.39		24.00
35	QPSK	180	0		23.43		24.00
35	16QAM	1	1		23.27		24.00

35	64QAM	1	1		22.33		23.00
35	256QAM	1	1		20.35		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.38	23.42	23.35	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.30	23.35	23.22	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.36	23.28	23.25	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.35	23.33	23.22	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.23	23.36	23.26	24.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.27	23.27	23.26	24.00

【FR1 n71_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.42		24.00
35	PI/2 BPSK	1	90		23.24		24.00
35	PI/2 BPSK	1	186		23.02		24.00
35	PI/2 BPSK	90	0		23.31		24.00
35	PI/2 BPSK	90	45		23.41		24.00
35	PI/2 BPSK	90	90		23.31		24.00
35	PI/2 BPSK	180	0		23.40		24.00
35	QPSK	1	1		23.22		24.00
35	QPSK	1	90		23.33		24.00
35	QPSK	1	186		23.18		24.00
35	QPSK	90	0		23.36		24.00
35	QPSK	90	45		23.40		24.00
35	QPSK	90	90		23.31		24.00
35	QPSK	180	0		23.38		24.00
35	16QAM	1	1		23.17		24.00
35	64QAM	1	1		22.23		23.00
35	256QAM	1	1		20.18		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.34	23.38	23.31	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.31	23.36	23.26	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.26	23.25	23.18	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.23	23.33	23.17	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.23	23.30	23.22	24.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.27	23.25	23.25	24.00

【FR1 n71_Ant 1_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.42		24.00

35	PI/2 BPSK	1	90		23.24		24.00
35	PI/2 BPSK	1	186		23.02		24.00
35	PI/2 BPSK	90	0		23.31		24.00
35	PI/2 BPSK	90	45		23.41		24.00
35	PI/2 BPSK	90	90		23.31		24.00
35	PI/2 BPSK	180	0		23.40		24.00
35	QPSK	1	1		23.22		24.00
35	QPSK	1	90		23.33		24.00
35	QPSK	1	186		23.18		24.00
35	QPSK	90	0		23.36		24.00
35	QPSK	90	45		23.40		24.00
35	QPSK	90	90		23.31		24.00
35	QPSK	180	0		23.38		24.00
35	16QAM	1	1		23.17		24.00
35	64QAM	1	1		22.23		23.00
35	256QAM	1	1		20.18		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.34	23.38	23.31	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.31	23.36	23.26	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.26	23.25	23.18	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.23	23.33	23.17	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.23	23.30	23.22	24.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.27	23.25	23.25	24.00

[FR1 n71_Ant 1_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.42		24.00
35	PI/2 BPSK	1	90		23.24		24.00
35	PI/2 BPSK	1	186		23.02		24.00
35	PI/2 BPSK	90	0		23.31		24.00
35	PI/2 BPSK	90	45		23.41		24.00
35	PI/2 BPSK	90	90		23.31		24.00
35	PI/2 BPSK	180	0		23.40		24.00
35	QPSK	1	1		23.22		24.00
35	QPSK	1	90		23.33		24.00
35	QPSK	1	186		23.18		24.00
35	QPSK	90	0		23.36		24.00
35	QPSK	90	45		23.40		24.00
35	QPSK	90	90		23.31		24.00
35	QPSK	180	0		23.38		24.00
35	16QAM	1	1		23.17		24.00
35	64QAM	1	1		22.23		23.00
35	256QAM	1	1		20.18		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.34	23.38	23.31	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.31	23.36	23.26	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.26	23.25	23.18	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.23	23.33	23.17	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.23	23.30	23.22	24.00
Channel				133100	136100	139100	Tune-up limit

Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.27	23.25	23.25	24.00

【FR1 n71_Ant 1_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.42		24.00
35	PI/2 BPSK	1	90		23.24		24.00
35	PI/2 BPSK	1	186		23.02		24.00
35	PI/2 BPSK	90	0		23.31		24.00
35	PI/2 BPSK	90	45		23.41		24.00
35	PI/2 BPSK	90	90		23.31		24.00
35	PI/2 BPSK	180	0		23.40		24.00
35	QPSK	1	1		23.22		24.00
35	QPSK	1	90		23.33		24.00
35	QPSK	1	186		23.18		24.00
35	QPSK	90	0		23.36		24.00
35	QPSK	90	45		23.40		24.00
35	QPSK	90	90		23.31		24.00
35	QPSK	180	0		23.38		24.00
35	16QAM	1	1		23.17		24.00
35	64QAM	1	1		22.23		23.00
35	256QAM	1	1		20.18		21.00
Channel				135600	136100	136600	
Frequency (MHz)				678	680.5	683	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	23.34	23.38	23.31	24.00
Channel				135100	136100	137100	
Frequency (MHz)				675.5	680.5	685.5	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	23.31	23.36	23.26	24.00
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	23.26	23.25	23.18	24.00
Channel				134100	136100	138100	
Frequency (MHz)				670.5	680.5	690.5	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	23.23	23.33	23.17	24.00
Channel				133600	136100	138600	
Frequency (MHz)				668	680.5	693	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	23.23	23.30	23.22	24.00
Channel				133100	136100	139100	
Frequency (MHz)				665.5	680.5	695.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	23.27	23.25	23.25	24.00

【FR1 n71_Ant 1_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.42		24.00
35	PI/2 BPSK	1	90		23.24		24.00
35	PI/2 BPSK	1	186		23.02		24.00
35	PI/2 BPSK	90	0		23.31		24.00
35	PI/2 BPSK	90	45		23.41		24.00
35	PI/2 BPSK	90	90		23.31		24.00
35	PI/2 BPSK	180	0		23.40		24.00
35	QPSK	1	1		23.22		24.00
35	QPSK	1	90		23.33		24.00
35	QPSK	1	186		23.18		24.00
35	QPSK	90	0		23.36		24.00
35	QPSK	90	45		23.40		24.00
35	QPSK	90	90		23.31		24.00
35	QPSK	180	0		23.38		24.00
35	16QAM	1	1		23.17		24.00
35	64QAM	1	1		22.23		23.00
35	256QAM	1	1		20.18		21.00
Channel				135600	136100	136600	
Frequency (MHz)				678	680.5	683	Tune-up limit (dBm)

30	PI/2 BPSK	1	1	23.34	23.38	23.31	24.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.31	23.36	23.26	24.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.26	23.25	23.18	24.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.23	23.33	23.17	24.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.23	23.30	23.22	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.27	23.25	23.25	24.00

【FR1 n71_Ant 1_DSI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.42		24.00
35	PI/2 BPSK	1	90		23.24		24.00
35	PI/2 BPSK	1	186		23.02		24.00
35	PI/2 BPSK	90	0		23.31		24.00
35	PI/2 BPSK	90	45		23.41		24.00
35	PI/2 BPSK	90	90		23.31		24.00
35	PI/2 BPSK	180	0		23.40		24.00
35	QPSK	1	1		23.22		24.00
35	QPSK	1	90		23.33		24.00
35	QPSK	1	186		23.18		24.00
35	QPSK	90	0		23.36		24.00
35	QPSK	90	45		23.40		24.00
35	QPSK	90	90		23.31		24.00
35	QPSK	180	0		23.38		24.00
35	16QAM	1	1		23.17		24.00
35	64QAM	1	1		22.23		23.00
35	256QAM	1	1		20.18		21.00
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.34	23.38	23.31	24.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.31	23.36	23.26	24.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.26	23.25	23.18	24.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.23	23.33	23.17	24.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.23	23.30	23.22	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.27	23.25	23.25	24.00

【FR1 n78 (270)_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.19		24.00
100	PI/2 BPSK	1	137		23.14		24.00
100	PI/2 BPSK	1	271		23.02		24.00
100	PI/2 BPSK	135	0		23.10		24.00
100	PI/2 BPSK	135	69		23.17		24.00
100	PI/2 BPSK	135	138		22.96		24.00
100	PI/2 BPSK	270	0		23.12		24.00
100	QPSK	1	1		23.15		24.00
100	QPSK	1	137		23.00		24.00
100	QPSK	1	271		23.03		24.00
100	QPSK	135	0		23.10		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.01		24.00
100	QPSK	270	0		23.02		24.00
100	16QAM	1	1		23.16		24.00
100	64QAM	1	1		23.13		24.00
100	256QAM	1	1		22.80		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.11	23.15	23.09	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.99	23.10	23.02	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.98	23.08	22.95	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.97	23.07	22.98	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.02	23.05	23.04	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.01	23.13	23.01	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.05	23.06	23.02	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.04	23.06	23.01	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.00	23.05	23.07	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.00	23.01	23.05	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.09	23.05	23.06	24.00

【FR1 n78 (270)_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.19		24.00
100	PI/2 BPSK	1	137		23.14		24.00
100	PI/2 BPSK	1	271		23.02		24.00
100	PI/2 BPSK	135	0		23.10		24.00
100	PI/2 BPSK	135	69		23.17		24.00
100	PI/2 BPSK	135	138		22.96		24.00
100	PI/2 BPSK	270	0		23.12		24.00
100	QPSK	1	1		23.15		24.00
100	QPSK	1	137		23.00		24.00

100	QPSK	1	271		23.03		24.00
100	QPSK	135	0		23.10		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.01		24.00
100	QPSK	270	0		23.02		24.00
100	16QAM	1	1		23.16		24.00
100	64QAM	1	1		23.13		24.00
100	256QAM	1	1		22.80		23.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.11	23.15	23.09	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.99	23.10	23.02	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.98	23.08	22.95	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.97	23.07	22.98	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.02	23.05	23.04	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.01	23.13	23.01	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.05	23.06	23.02	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.04	23.06	23.01	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.00	23.05	23.07	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.00	23.01	23.05	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.09	23.05	23.06	24.00

【FR1 n78 (270)_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.16		17.70
100	PI/2 BPSK	1	137		17.11		17.70
100	PI/2 BPSK	1	271		17.03		17.70
100	PI/2 BPSK	135	0		17.01		17.70
100	PI/2 BPSK	135	69		17.15		17.70
100	PI/2 BPSK	135	138		17.12		17.70
100	PI/2 BPSK	270	0		17.07		17.70
100	QPSK	1	1		17.10		17.70
100	QPSK	1	137		17.08		17.70
100	QPSK	1	271		16.99		17.70
100	QPSK	135	0		17.00		17.70
100	QPSK	135	69		17.00		17.70
100	QPSK	135	138		17.11		17.70
100	QPSK	270	0		16.98		17.70
100	16QAM	1	1		16.99		17.70
100	64QAM	1	1		17.00		17.70
100	256QAM	1	1		17.12		17.70
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.11	17.15	17.13	17.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.08	17.13	17.00	17.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.98	17.13	17.02	17.70

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.97	17.01	16.99	17.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.09	17.10	17.05	17.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.98	17.06	17.08	17.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.09	17.05	17.11	17.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.06	17.10	16.99	17.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.02	17.10	17.00	17.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.09	17.05	16.99	17.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.09	17.10	16.98	17.70

【FR1 n78 (270)_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.16		18.60
100	PI/2 BPSK	1	137		17.11		18.60
100	PI/2 BPSK	1	271		17.03		18.60
100	PI/2 BPSK	135	0		17.01		18.60
100	PI/2 BPSK	135	69		17.15		18.60
100	PI/2 BPSK	135	138		17.12		18.60
100	PI/2 BPSK	270	0		17.07		18.60
100	QPSK	1	1		17.10		18.60
100	QPSK	1	137		17.08		18.60
100	QPSK	1	271		16.99		18.60
100	QPSK	135	0		17.00		18.60
100	QPSK	135	69		17.00		18.60
100	QPSK	135	138		17.11		18.60
100	QPSK	270	0		16.98		18.60
100	16QAM	1	1		16.99		18.60
100	64QAM	1	1		17.00		18.60
100	256QAM	1	1		17.12		18.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.11	17.15	17.13	18.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.08	17.13	17.00	18.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.98	17.13	17.02	18.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.97	17.01	16.99	18.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.09	17.10	17.05	18.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.98	17.06	17.08	18.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.09	17.05	17.11	18.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.06	17.10	16.99	18.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)

20	PI/2 BPSK	1	1	17.02	17.10	17.00	18.60
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.09	17.05	16.99	18.60
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.09	17.10	16.98	18.60

【FR1 n78 (270)_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.13		21.40
100	PI/2 BPSK	1	137		20.12		21.40
100	PI/2 BPSK	1	271		20.01		21.40
100	PI/2 BPSK	135	0		20.04		21.40
100	PI/2 BPSK	135	69		20.11		21.40
100	PI/2 BPSK	135	138		20.09		21.40
100	PI/2 BPSK	270	0		20.04		21.40
100	QPSK	1	1		20.01		21.40
100	QPSK	1	137		20.03		21.40
100	QPSK	1	271		19.98		21.40
100	QPSK	135	0		20.09		21.40
100	QPSK	135	69		19.99		21.40
100	QPSK	135	138		20.12		21.40
100	QPSK	270	0		20.06		21.40
100	16QAM	1	1		19.99		21.40
100	64QAM	1	1		20.07		21.40
100	256QAM	1	1		20.10		21.40
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.06	20.12	20.08	21.40
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.93	20.07	20.03	21.40
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.99	20.04	20.06	21.40
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.97	20.05	19.95	21.40
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.05	19.99	19.99	21.40
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.96	19.99	19.93	21.40
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.95	20.00	20.04	21.40
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.02	20.01	19.97	21.40
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.93	20.02	19.98	21.40
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.03	20.02	19.97	21.40
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.93	20.10	19.98	21.40

【FR1 n78 (270)_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.16		18.10
100	PI/2 BPSK	1	137		17.11		18.10
100	PI/2 BPSK	1	271		17.03		18.10
100	PI/2 BPSK	135	0		17.01		18.10
100	PI/2 BPSK	135	69		17.15		18.10
100	PI/2 BPSK	135	138		17.12		18.10
100	PI/2 BPSK	270	0		17.07		18.10
100	QPSK	1	1		17.10		18.10
100	QPSK	1	137		17.08		18.10
100	QPSK	1	271		16.99		18.10
100	QPSK	135	0		17.00		18.10
100	QPSK	135	69		17.00		18.10
100	QPSK	135	138		17.11		18.10
100	QPSK	270	0		16.98		18.10
100	16QAM	1	1		16.99		18.10
100	64QAM	1	1		17.00		18.10
100	256QAM	1	1		17.12		18.10
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.11	17.15	17.13	18.10
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.08	17.13	17.00	18.10
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.98	17.13	17.02	18.10
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.97	17.01	16.99	18.10
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.09	17.10	17.05	18.10
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.98	17.06	17.08	18.10
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.09	17.05	17.11	18.10
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.06	17.10	16.99	18.10
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.02	17.10	17.00	18.10
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.09	17.05	16.99	18.10
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.09	17.10	16.98	18.10

【FR1 n78 (270)_HPUE_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.21		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		25.73		27.00
100	PI/2 BPSK	135	0		25.27		26.50
100	PI/2 BPSK	135	69		26.15		27.00
100	PI/2 BPSK	135	138		25.14		26.50
100	PI/2 BPSK	270	0		25.47		26.50
100	QPSK	1	1		26.02		27.00
100	QPSK	1	137		25.81		27.00

100	QPSK	1	271		25.78		27.00
100	QPSK	135	0		25.13		26.00
100	QPSK	135	69		25.75		27.00
100	QPSK	135	138		25.02		26.00
100	QPSK	270	0		25.18		26.00
100	16QAM	1	1		25.12		26.00
100	64QAM	1	1		23.81		24.50
100	256QAM	1	1		21.82		22.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.08	26.13	26.11	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.94	26.10	25.99	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.93	26.09	26.05	27.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.96	26.08	25.97	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.97	26.04	26.05	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.97	26.01	26.00	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.05	26.11	26.07	27.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	25.99	25.99	26.03	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.05	26.02	26.01	27.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.99	26.00	26.02	27.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.99	26.10	26.05	27.00

【FR1 n78 (270)_HPUE_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.21		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		25.73		27.00
100	PI/2 BPSK	135	0		25.27		26.50
100	PI/2 BPSK	135	69		26.15		27.00
100	PI/2 BPSK	135	138		25.14		26.50
100	PI/2 BPSK	270	0		25.47		26.50
100	QPSK	1	1		26.02		27.00
100	QPSK	1	137		25.81		27.00
100	QPSK	1	271		25.78		27.00
100	QPSK	135	0		25.13		26.00
100	QPSK	135	69		25.75		27.00
100	QPSK	135	138		25.02		26.00
100	QPSK	270	0		25.18		26.00
100	16QAM	1	1		25.12		26.00
100	64QAM	1	1		23.81		24.50
100	256QAM	1	1		21.82		22.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.08	26.13	26.11	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.94	26.10	25.99	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.93	26.09	26.05	27.00

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.96	26.08	25.97	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.97	26.04	26.05	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.97	26.01	26.00	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.05	26.11	26.07	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	25.99	25.99	26.03	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.05	26.02	26.01	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.99	26.00	26.02	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.99	26.10	26.05	27.00

【FR1 n78 (270)_HPUE_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.14		20.70
100	PI/2 BPSK	1	137		20.01		20.70
100	PI/2 BPSK	1	271		20.09		20.70
100	PI/2 BPSK	135	0		20.03		20.70
100	PI/2 BPSK	135	69		20.11		20.70
100	PI/2 BPSK	135	138		20.05		20.70
100	PI/2 BPSK	270	0		20.08		20.70
100	QPSK	1	1		20.11		20.70
100	QPSK	1	137		20.09		20.70
100	QPSK	1	271		19.98		20.70
100	QPSK	135	0		20.04		20.70
100	QPSK	135	69		20.04		20.70
100	QPSK	135	138		20.09		20.70
100	QPSK	270	0		20.00		20.70
100	16QAM	1	1		20.06		20.70
100	64QAM	1	1		20.05		20.70
100	256QAM	1	1		20.08		20.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.04	20.08	20.06	20.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.93	20.03	19.93	20.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.00	20.02	20.01	20.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.93	19.97	19.92	20.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.98	19.99	19.92	20.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.02	19.97	19.96	20.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.96	19.98	19.93	20.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.92	20.07	20.04	20.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)

20	PI/2 BPSK	1	1	19.97	20.00	19.96	20.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.96	20.02	19.91	20.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.89	19.94	19.91	20.70

【FR1 n78 (270)_HPUE_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.14		21.60
100	PI/2 BPSK	1	137		20.01		21.60
100	PI/2 BPSK	1	271		20.09		21.60
100	PI/2 BPSK	135	0		20.03		21.60
100	PI/2 BPSK	135	69		20.11		21.60
100	PI/2 BPSK	135	138		20.05		21.60
100	PI/2 BPSK	270	0		20.08		21.60
100	QPSK	1	1		20.11		21.60
100	QPSK	1	137		20.09		21.60
100	QPSK	1	271		19.98		21.60
100	QPSK	135	0		20.04		21.60
100	QPSK	135	69		20.04		21.60
100	QPSK	135	138		20.09		21.60
100	QPSK	270	0		20.00		21.60
100	16QAM	1	1		20.06		21.60
100	64QAM	1	1		20.05		21.60
100	256QAM	1	1		20.08		21.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.04	20.08	20.06	21.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.93	20.03	19.93	21.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.00	20.02	20.01	21.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.93	19.97	19.92	21.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.98	19.99	19.92	21.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.02	19.97	19.96	21.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.96	19.98	19.93	21.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.92	20.07	20.04	21.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.97	20.00	19.96	21.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.96	20.02	19.91	21.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.89	19.94	19.91	21.60

【FR1 n78 (270)_HPUE_Ant 4_DSI 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					650000		

Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.14		24.40
100	PI/2 BPSK	1	137		23.02		24.40
100	PI/2 BPSK	1	271		22.99		24.40
100	PI/2 BPSK	135	0		23.06		24.40
100	PI/2 BPSK	135	69		23.12		24.40
100	PI/2 BPSK	135	138		22.99		24.40
100	PI/2 BPSK	270	0		23.10		24.40
100	QPSK	1	1		23.00		24.40
100	QPSK	1	137		23.09		24.40
100	QPSK	1	271		23.06		24.40
100	QPSK	135	0		22.98		24.40
100	QPSK	135	69		23.11		24.40
100	QPSK	135	138		23.05		24.40
100	QPSK	270	0		23.13		24.40
100	16QAM	1	1		23.13		24.40
100	64QAM	1	1		23.00		24.40
100	256QAM	1	1		21.82		22.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.06	23.11	23.10	24.40
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.94	23.05	22.95	24.40
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.00	23.09	22.96	24.40
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.97	23.01	22.96	24.40
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.99	22.97	23.04	24.40
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.93	23.09	22.97	24.40
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.99	23.09	22.99	24.40
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.03	23.07	22.97	24.40
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.99	22.98	23.02	24.40
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.98	23.10	23.07	24.40
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.95	22.97	23.09	24.40

【FR1 n78 (270)_HPUE_Ant 4_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.14		21.10
100	PI/2 BPSK	1	137		20.01		21.10
100	PI/2 BPSK	1	271		20.09		21.10
100	PI/2 BPSK	135	0		20.03		21.10
100	PI/2 BPSK	135	69		20.11		21.10
100	PI/2 BPSK	135	138		20.05		21.10
100	PI/2 BPSK	270	0		20.08		21.10
100	QPSK	1	1		20.11		21.10
100	QPSK	1	137		20.09		21.10
100	QPSK	1	271		19.98		21.10
100	QPSK	135	0		20.04		21.10
100	QPSK	135	69		20.04		21.10
100	QPSK	135	138		20.09		21.10
100	QPSK	270	0		20.00		21.10
100	16QAM	1	1		20.06		21.10
100	64QAM	1	1		20.05		21.10

100	256QAM	1	1		20.08		21.10
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.04	20.08	20.06	21.10
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.93	20.03	19.93	21.10
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.00	20.02	20.01	21.10
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.93	19.97	19.92	21.10
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.98	19.99	19.92	21.10
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.02	19.97	19.96	21.10
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.96	19.98	19.93	21.10
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.92	20.07	20.04	21.10
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.97	20.00	19.96	21.10
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.96	20.02	19.91	21.10
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.89	19.94	19.91	21.10

【FR1 n78 (270)_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.05		24.00
100	PI/2 BPSK	1	137		22.89		24.00
100	PI/2 BPSK	1	271		22.78		24.00
100	PI/2 BPSK	135	0		22.82		24.00
100	PI/2 BPSK	135	69		23.02		24.00
100	PI/2 BPSK	135	138		22.81		24.00
100	PI/2 BPSK	270	0		22.92		24.00
100	QPSK	1	1		23.03		24.00
100	QPSK	1	137		22.77		24.00
100	QPSK	1	271		22.80		24.00
100	QPSK	135	0		22.82		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.79		24.00
100	QPSK	270	0		22.76		24.00
100	16QAM	1	1		22.95		24.00
100	64QAM	1	1		22.97		24.00
100	256QAM	1	1		21.69		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.92	22.98	22.95	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.79	22.85	22.92	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.85	22.95	22.83	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.82	22.88	22.85	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.79	22.89	22.93	24.00
Channel				648000	650000	652000	Tune-up limit

Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.81	22.96	22.90	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.91	22.94	22.87	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.87	22.97	22.82	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.90	22.86	22.88	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.80	22.97	22.85	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.90	22.85	22.83	24.00

[FR1 n78 (270)_Ant 5_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.05		24.00
100	PI/2 BPSK	1	137		22.89		24.00
100	PI/2 BPSK	1	271		22.78		24.00
100	PI/2 BPSK	135	0		22.82		24.00
100	PI/2 BPSK	135	69		23.02		24.00
100	PI/2 BPSK	135	138		22.81		24.00
100	PI/2 BPSK	270	0		22.92		24.00
100	QPSK	1	1		23.03		24.00
100	QPSK	1	137		22.77		24.00
100	QPSK	1	271		22.80		24.00
100	QPSK	135	0		22.82		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.79		24.00
100	QPSK	270	0		22.76		24.00
100	16QAM	1	1		22.95		24.00
100	64QAM	1	1		22.97		24.00
100	256QAM	1	1		21.69		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.92	22.98	22.95	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.79	22.85	22.92	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.85	22.95	22.83	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.82	22.88	22.85	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.79	22.89	22.93	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.81	22.96	22.90	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.91	22.94	22.87	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.87	22.97	22.82	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.90	22.86	22.88	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.80	22.97	22.85	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.90	22.85	22.83	24.00

【FR1 n78 (270)_Ant 5_DSI 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					650000		Tune-up limit (dBm)
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.56		21.50
100	PI/2 BPSK	1	137		20.46		21.50
100	PI/2 BPSK	1	271		20.41		21.50
100	PI/2 BPSK	135	0		20.34		21.50
100	PI/2 BPSK	135	69		20.53		21.50
100	PI/2 BPSK	135	138		20.42		21.50
100	PI/2 BPSK	270	0		20.49		21.50
100	QPSK	1	1		20.50		21.50
100	QPSK	1	137		20.33		21.50
100	QPSK	1	271		20.39		21.50
100	QPSK	135	0		20.46		21.50
100	QPSK	135	69		20.39		21.50
100	QPSK	135	138		20.33		21.50
100	QPSK	270	0		20.44		21.50
100	16QAM	1	1		20.32		21.50
100	64QAM	1	1		20.55		21.50
100	256QAM	1	1		20.51		21.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.42	20.45	20.43	21.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.30	20.39	20.32	21.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.41	20.31	20.36	21.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.34	20.41	20.33	21.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.40	20.32	20.34	21.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.28	20.42	20.37	21.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.31	20.33	20.37	21.50
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.31	20.36	20.28	21.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.40	20.43	20.31	21.50
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.31	20.43	20.32	21.50
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.40	20.36	20.40	21.50

【FR1 n78 (270)_Ant 5_DSI 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					650000		Tune-up limit (dBm)
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.63		20.40
100	PI/2 BPSK	1	137		18.58		20.40
100	PI/2 BPSK	1	271		18.58		20.40
100	PI/2 BPSK	135	0		18.53		20.40
100	PI/2 BPSK	135	69		18.60		20.40
100	PI/2 BPSK	135	138		18.59		20.40

100	PI/2 BPSK	270	0		18.54		20.40
100	QPSK	1	1		18.47		20.40
100	QPSK	1	137		18.62		20.40
100	QPSK	1	271		18.55		20.40
100	QPSK	135	0		18.51		20.40
100	QPSK	135	69		18.59		20.40
100	QPSK	135	138		18.58		20.40
100	QPSK	270	0		18.48		20.40
100	16QAM	1	1		18.53		20.40
100	64QAM	1	1		18.56		20.40
100	256QAM	1	1		18.55		20.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.57	18.58	18.55	20.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.50	18.48	18.43	20.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.51	18.44	18.53	20.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.53	18.52	18.49	20.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.55	18.52	18.46	20.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.50	18.51	18.42	20.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.53	18.47	18.46	20.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.43	18.48	18.46	20.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.56	18.45	18.46	20.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.46	18.45	18.46	20.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.47	18.43	18.40	20.40

[FR1 n78 (270)_Ant 5_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.05		24.00
100	PI/2 BPSK	1	137		22.89		24.00
100	PI/2 BPSK	1	271		22.78		24.00
100	PI/2 BPSK	135	0		22.82		24.00
100	PI/2 BPSK	135	69		23.02		24.00
100	PI/2 BPSK	135	138		22.81		24.00
100	PI/2 BPSK	270	0		22.92		24.00
100	QPSK	1	1		23.03		24.00
100	QPSK	1	137		22.77		24.00
100	QPSK	1	271		22.80		24.00
100	QPSK	135	0		22.82		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.79		24.00
100	QPSK	270	0		22.76		24.00
100	16QAM	1	1		22.95		24.00
100	64QAM	1	1		22.97		24.00
100	256QAM	1	1		21.69		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.92	22.98	22.95	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.79	22.85	22.92	24.00

Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.85	22.95	22.83	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.82	22.88	22.85	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.79	22.89	22.93	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.81	22.96	22.90	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.91	22.94	22.87	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.87	22.97	22.82	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.90	22.86	22.88	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.80	22.97	22.85	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.90	22.85	22.83	24.00

【FR1 n78 (270)_Ant 5_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.63		20.40
100	PI/2 BPSK	1	137		18.58		20.40
100	PI/2 BPSK	1	271		18.58		20.40
100	PI/2 BPSK	135	0		18.53		20.40
100	PI/2 BPSK	135	69		18.60		20.40
100	PI/2 BPSK	135	138		18.59		20.40
100	PI/2 BPSK	270	0		18.54		20.40
100	QPSK	1	1		18.47		20.40
100	QPSK	1	137		18.62		20.40
100	QPSK	1	271		18.55		20.40
100	QPSK	135	0		18.51		20.40
100	QPSK	135	69		18.59		20.40
100	QPSK	135	138		18.58		20.40
100	QPSK	270	0		18.48		20.40
100	16QAM	1	1		18.53		20.40
100	64QAM	1	1		18.56		20.40
100	256QAM	1	1		18.55		20.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.57	18.58	18.55	20.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.50	18.48	18.43	20.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.51	18.44	18.53	20.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.53	18.52	18.49	20.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.55	18.52	18.46	20.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.50	18.51	18.42	20.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.53	18.47	18.46	20.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)

25	PI/2 BPSK	1	1	18.43	18.48	18.46	20.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.56	18.45	18.46	20.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.46	18.45	18.46	20.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.47	18.43	18.40	20.40

【FR1 n78 (270)_HPUE_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.08		27.00
100	PI/2 BPSK	1	137		25.86		27.00
100	PI/2 BPSK	1	271		25.70		27.00
100	PI/2 BPSK	135	0		25.83		26.50
100	PI/2 BPSK	135	69		25.95		27.00
100	PI/2 BPSK	135	138		25.79		26.50
100	PI/2 BPSK	270	0		25.88		26.50
100	QPSK	1	1		26.01		27.00
100	QPSK	1	137		25.71		27.00
100	QPSK	1	271		26.05		27.00
100	QPSK	135	0		25.78		26.00
100	QPSK	135	69		25.75		27.00
100	QPSK	135	138		25.84		26.00
100	QPSK	270	0		25.70		26.00
100	16QAM	1	1		25.90		26.00
100	64QAM	1	1		23.28		24.50
100	256QAM	1	1		21.80		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.01	26.05	25.97	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.88	25.93	25.92	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.00	25.98	25.88	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.89	25.90	25.85	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.88	26.00	25.88	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.94	25.98	25.91	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.91	25.99	25.86	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.00	26.02	25.93	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.91	25.91	25.95	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.98	25.94	25.92	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.94	26.04	25.96	27.00

【FR1 n78 (270)_HPUE_Ant 5_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.08		27.00
100	PI/2 BPSK	1	137		25.86		27.00
100	PI/2 BPSK	1	271		25.70		27.00
100	PI/2 BPSK	135	0		25.83		26.50
100	PI/2 BPSK	135	69		25.95		27.00
100	PI/2 BPSK	135	138		25.79		26.50
100	PI/2 BPSK	270	0		25.88		26.50
100	QPSK	1	1		26.01		27.00
100	QPSK	1	137		25.71		27.00
100	QPSK	1	271		26.05		27.00
100	QPSK	135	0		25.78		26.00
100	QPSK	135	69		25.75		27.00
100	QPSK	135	138		25.84		26.00
100	QPSK	270	0		25.70		26.00
100	16QAM	1	1		25.90		26.00
100	64QAM	1	1		23.28		24.50
100	256QAM	1	1		21.80		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.01	26.05	25.97	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.88	25.93	25.92	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.00	25.98	25.88	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.89	25.90	25.85	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.88	26.00	25.88	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.94	25.98	25.91	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.91	25.99	25.86	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.00	26.02	25.93	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.91	25.91	25.95	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.98	25.94	25.92	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.94	26.04	25.96	27.00

【FR1 n78 (270)_HPUE_Ant 5_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.55		24.50
100	PI/2 BPSK	1	137		23.27		24.50
100	PI/2 BPSK	1	271		23.20		24.50
100	PI/2 BPSK	135	0		23.40		24.50
100	PI/2 BPSK	135	69		23.54		24.50
100	PI/2 BPSK	135	138		23.32		24.50
100	PI/2 BPSK	270	0		23.49		24.50
100	QPSK	1	1		23.42		24.50
100	QPSK	1	137		23.23		24.50
100	QPSK	1	271		23.23		24.50
100	QPSK	135	0		23.46		24.50
100	QPSK	135	69		23.41		24.50
100	QPSK	135	138		23.23		24.50

100	QPSK	270	0		23.34		24.50
100	16QAM	1	1		23.48		24.50
100	64QAM	1	1		23.28		24.40
100	256QAM	1	1		21.80		22.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.45	23.48	23.46	24.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.43	23.46	23.36	24.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.41	23.35	23.44	24.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.30	23.37	23.32	24.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.41	23.45	23.40	24.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.42	23.34	23.36	24.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.37	23.33	23.34	24.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.42	23.33	23.44	24.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.34	23.39	23.31	24.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.38	23.38	23.33	24.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.30	23.36	23.44	24.50

[FR1 n78 (270)_HPUE_Ant 5_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.64		23.40
100	PI/2 BPSK	1	137		21.57		23.40
100	PI/2 BPSK	1	271		21.50		23.40
100	PI/2 BPSK	135	0		21.51		22.90
100	PI/2 BPSK	135	69		21.60		23.40
100	PI/2 BPSK	135	138		21.55		22.90
100	PI/2 BPSK	270	0		21.46		22.90
100	QPSK	1	1		21.46		23.40
100	QPSK	1	137		21.55		23.40
100	QPSK	1	271		21.52		23.40
100	QPSK	135	0		21.53		23.40
100	QPSK	135	69		21.51		23.40
100	QPSK	135	138		21.54		23.40
100	QPSK	270	0		21.50		23.40
100	16QAM	1	1		21.61		23.40
100	64QAM	1	1		21.51		23.40
100	256QAM	1	1		21.58		22.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.54	21.61	21.56	23.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.47	21.50	21.51	23.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.46	21.50	21.53	23.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.46	21.48	21.54	23.40
Channel				648334	650000	651666	Tune-up limit

Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.52	21.56	21.45	23.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.43	21.49	21.42	23.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.45	21.54	21.43	23.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.52	21.59	21.55	23.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.48	21.53	21.43	23.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.45	21.54	21.54	23.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.48	21.56	21.47	23.40

【FR1 n78 (270)_HPUE_Ant 5_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.08		27.00
100	PI/2 BPSK	1	137		25.86		27.00
100	PI/2 BPSK	1	271		25.70		27.00
100	PI/2 BPSK	135	0		25.83		26.50
100	PI/2 BPSK	135	69		25.95		27.00
100	PI/2 BPSK	135	138		25.79		26.50
100	PI/2 BPSK	270	0		25.88		26.50
100	QPSK	1	1		26.01		27.00
100	QPSK	1	137		25.71		27.00
100	QPSK	1	271		26.05		27.00
100	QPSK	135	0		25.78		26.00
100	QPSK	135	69		25.75		27.00
100	QPSK	135	138		25.84		26.00
100	QPSK	270	0		25.70		26.00
100	16QAM	1	1		25.90		26.00
100	64QAM	1	1		23.28		24.50
100	256QAM	1	1		21.80		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.01	26.05	25.97	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.88	25.93	25.92	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.00	25.98	25.88	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.89	25.90	25.85	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.88	26.00	25.88	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.94	25.98	25.91	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.91	25.99	25.86	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.00	26.02	25.93	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.91	25.91	25.95	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.98	25.94	25.92	27.00

Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.94	26.04	25.96	27.00

【FR1 n78 (270)_HPUE_Ant 5_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.64		23.40
100	PI/2 BPSK	1	137		21.57		23.40
100	PI/2 BPSK	1	271		21.50		23.40
100	PI/2 BPSK	135	0		21.51		22.90
100	PI/2 BPSK	135	69		21.60		23.40
100	PI/2 BPSK	135	138		21.55		22.90
100	PI/2 BPSK	270	0		21.46		22.90
100	QPSK	1	1		21.46		23.40
100	QPSK	1	137		21.55		23.40
100	QPSK	1	271		21.52		23.40
100	QPSK	135	0		21.53		23.40
100	QPSK	135	69		21.51		23.40
100	QPSK	135	138		21.54		23.40
100	QPSK	270	0		21.50		23.40
100	16QAM	1	1		21.61		23.40
100	64QAM	1	1		21.51		23.40
100	256QAM	1	1		21.58		22.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.54	21.61	21.56	23.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.47	21.50	21.51	23.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.46	21.50	21.53	23.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.46	21.48	21.54	23.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.52	21.56	21.45	23.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.43	21.49	21.42	23.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.45	21.54	21.43	23.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.52	21.59	21.55	23.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.48	21.53	21.43	23.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.45	21.54	21.54	23.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.48	21.56	21.47	23.40

【FR1 n78 (270)_Ant 7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.23		24.00
100	PI/2 BPSK	1	137		23.11		24.00
100	PI/2 BPSK	1	271		23.07		24.00

100	PI/2 BPSK	135	0		23.14		24.00
100	PI/2 BPSK	135	69		23.21		24.00
100	PI/2 BPSK	135	138		23.06		24.00
100	PI/2 BPSK	270	0		23.15		24.00
100	QPSK	1	1		23.22		24.00
100	QPSK	1	137		23.05		24.00
100	QPSK	1	271		23.12		24.00
100	QPSK	135	0		23.14		24.00
100	QPSK	135	69		23.15		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		23.10		24.00
100	16QAM	1	1		23.22		24.00
100	64QAM	1	1		23.18		24.00
100	256QAM	1	1		22.62		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.11	23.15	23.14	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.01	23.03	23.05	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.09	23.14	23.09	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.01	23.12	23.08	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.07	23.10	23.03	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.04	23.08	23.00	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.97	23.11	23.06	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.07	23.08	23.04	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.02	23.10	23.02	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.01	23.07	23.03	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.10	23.03	23.04	24.00

【FR1 n78 (270)_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.23		24.00
100	PI/2 BPSK	1	137		23.11		24.00
100	PI/2 BPSK	1	271		23.07		24.00
100	PI/2 BPSK	135	0		23.14		24.00
100	PI/2 BPSK	135	69		23.21		24.00
100	PI/2 BPSK	135	138		23.06		24.00
100	PI/2 BPSK	270	0		23.15		24.00
100	QPSK	1	1		23.22		24.00
100	QPSK	1	137		23.05		24.00
100	QPSK	1	271		23.12		24.00
100	QPSK	135	0		23.14		24.00
100	QPSK	135	69		23.15		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		23.10		24.00
100	16QAM	1	1		23.22		24.00
100	64QAM	1	1		23.18		24.00
100	256QAM	1	1		22.62		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.11	23.15	23.14	24.00

Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.01	23.03	23.05	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.09	23.14	23.09	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.01	23.12	23.08	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.07	23.10	23.03	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.04	23.08	23.00	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.97	23.11	23.06	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.07	23.08	23.04	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.02	23.10	23.02	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.01	23.07	23.03	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.10	23.03	23.04	24.00

【FR1 n78 (270)_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.25		21.50
100	PI/2 BPSK	1	137		21.17		21.50
100	PI/2 BPSK	1	271		21.23		21.50
100	PI/2 BPSK	135	0		21.14		21.50
100	PI/2 BPSK	135	69		21.18		21.50
100	PI/2 BPSK	135	138		21.10		21.50
100	PI/2 BPSK	270	0		21.17		21.50
100	QPSK	1	1		21.20		21.50
100	QPSK	1	137		21.24		21.50
100	QPSK	1	271		21.17		21.50
100	QPSK	135	0		21.23		21.50
100	QPSK	135	69		21.23		21.50
100	QPSK	135	138		21.21		21.50
100	QPSK	270	0		21.19		21.50
100	16QAM	1	1		21.12		21.50
100	64QAM	1	1		21.13		21.50
100	256QAM	1	1		21.21		21.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.13	21.18	21.15	21.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.06	21.08	21.03	21.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.05	21.17	21.01	21.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.01	21.06	21.02	21.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.05	21.12	21.00	21.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.98	21.03	21.12	21.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)

30	PI/2 BPSK	1	1	21.07	21.14	21.07	21.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.03	21.14	21.11	21.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.09	21.04	21.12	21.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.11	21.14	21.05	21.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.98	21.13	21.08	21.50

【FR1 n78 (270)_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.04		20.80
100	PI/2 BPSK	1	137		18.92		20.80
100	PI/2 BPSK	1	271		18.90		20.80
100	PI/2 BPSK	135	0		19.00		20.80
100	PI/2 BPSK	135	69		19.02		20.80
100	PI/2 BPSK	135	138		18.95		20.80
100	PI/2 BPSK	270	0		19.00		20.80
100	QPSK	1	1		19.01		20.80
100	QPSK	1	137		18.98		20.80
100	QPSK	1	271		19.00		20.80
100	QPSK	135	0		19.03		20.80
100	QPSK	135	69		18.95		20.80
100	QPSK	135	138		18.91		20.80
100	QPSK	270	0		18.98		20.80
100	16QAM	1	1		18.91		20.80
100	64QAM	1	1		18.99		20.80
100	256QAM	1	1		18.95		20.80
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.95	19.01	18.97	20.80
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.87	18.93	18.96	20.80
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.93	18.91	18.92	20.80
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.84	18.94	18.96	20.80
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.89	18.97	18.86	20.80
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.80	18.89	18.85	20.80
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.84	18.99	18.93	20.80
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.88	18.91	18.84	20.80
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.82	18.90	18.85	20.80
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.87	18.90	18.85	20.80
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.90	19.00	18.82	20.80

【FR1 n78 (270)_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.23		24.00
100	PI/2 BPSK	1	137		23.11		24.00
100	PI/2 BPSK	1	271		23.07		24.00
100	PI/2 BPSK	135	0		23.14		24.00
100	PI/2 BPSK	135	69		23.21		24.00
100	PI/2 BPSK	135	138		23.06		24.00
100	PI/2 BPSK	270	0		23.15		24.00
100	QPSK	1	1		23.22		24.00
100	QPSK	1	137		23.05		24.00
100	QPSK	1	271		23.12		24.00
100	QPSK	135	0		23.14		24.00
100	QPSK	135	69		23.15		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		23.10		24.00
100	16QAM	1	1		23.22		24.00
100	64QAM	1	1		23.18		24.00
100	256QAM	1	1		22.62		23.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.11	23.15	23.14	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.01	23.03	23.05	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.09	23.14	23.09	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.01	23.12	23.08	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.07	23.10	23.03	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.04	23.08	23.00	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.97	23.11	23.06	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.07	23.08	23.04	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.02	23.10	23.02	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.01	23.07	23.03	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.10	23.03	23.04	24.00

【FR1 n78 (270)_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.04		20.80
100	PI/2 BPSK	1	137		18.92		20.80
100	PI/2 BPSK	1	271		18.90		20.80
100	PI/2 BPSK	135	0		19.00		20.80
100	PI/2 BPSK	135	69		19.02		20.80
100	PI/2 BPSK	135	138		18.95		20.80
100	PI/2 BPSK	270	0		19.00		20.80
100	QPSK	1	1		19.01		20.80
100	QPSK	1	137		18.98		20.80
100	QPSK	1	271		19.00		20.80

100	QPSK	135	0		19.03		20.80
100	QPSK	135	69		18.95		20.80
100	QPSK	135	138		18.91		20.80
100	QPSK	270	0		18.98		20.80
100	16QAM	1	1		18.91		20.80
100	64QAM	1	1		18.99		20.80
100	256QAM	1	1		18.95		20.80
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.95	19.01	18.97	20.80
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.87	18.93	18.96	20.80
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.93	18.91	18.92	20.80
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.84	18.94	18.96	20.80
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.89	18.97	18.86	20.80
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.80	18.89	18.85	20.80
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.84	18.99	18.93	20.80
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.88	18.91	18.84	20.80
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.82	18.90	18.85	20.80
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.87	18.90	18.85	20.80
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.90	19.00	18.82	20.80

【FR1 n78 (270)_HPUE_Ant 7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.20		27.00
100	PI/2 BPSK	1	137		26.04		27.00
100	PI/2 BPSK	1	271		26.16		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		26.15		27.00
100	PI/2 BPSK	270	0		26.13		27.00
100	QPSK	1	1		26.14		27.00
100	QPSK	1	137		25.97		27.00
100	QPSK	1	271		26.16		27.00
100	QPSK	135	0		26.02		27.00
100	QPSK	135	69		26.03		27.00
100	QPSK	135	138		26.06		27.00
100	QPSK	270	0		25.98		27.00
100	16QAM	1	1		26.11		27.00
100	64QAM	1	1		24.30		25.00
100	256QAM	1	1		21.98		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.15	26.18	26.11	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.13	26.09	26.03	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.13	26.17	26.00	27.00
Channel				648668	650000	651332	Tune-up limit

Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.04	26.06	25.98	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.10	26.04	26.00	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.07	26.03	26.07	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.03	26.06	26.05	27.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.09	26.09	25.99	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.00	26.15	25.98	27.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.08	26.16	25.97	27.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.02	26.09	26.08	27.00

【FR1 n78 (270)_HPUE_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.20		27.00
100	PI/2 BPSK	1	137		26.04		27.00
100	PI/2 BPSK	1	271		26.16		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		26.15		27.00
100	PI/2 BPSK	270	0		26.13		27.00
100	QPSK	1	1		26.14		27.00
100	QPSK	1	137		25.97		27.00
100	QPSK	1	271		26.16		27.00
100	QPSK	135	0		26.02		27.00
100	QPSK	135	69		26.03		27.00
100	QPSK	135	138		26.06		27.00
100	QPSK	270	0		25.98		27.00
100	16QAM	1	1		26.11		27.00
100	64QAM	1	1		24.30		25.00
100	256QAM	1	1		21.98		23.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.15	26.18	26.11	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.13	26.09	26.03	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.13	26.17	26.00	27.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.04	26.06	25.98	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.10	26.04	26.00	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.07	26.03	26.07	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.03	26.06	26.05	27.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.09	26.09	25.99	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.00	26.15	25.98	27.00

Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.08	26.16	25.97	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.02	26.09	26.08	27.00

【FR1 n78 (270)_HPUE_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.25		24.50
100	PI/2 BPSK	1	137		24.17		24.50
100	PI/2 BPSK	1	271		24.13		24.50
100	PI/2 BPSK	135	0		24.09		24.50
100	PI/2 BPSK	135	69		24.24		24.50
100	PI/2 BPSK	135	138		24.23		24.50
100	PI/2 BPSK	270	0		24.17		24.50
100	QPSK	1	1		24.18		24.50
100	QPSK	1	137		24.20		24.50
100	QPSK	1	271		24.09		24.50
100	QPSK	135	0		24.09		24.50
100	QPSK	135	69		24.12		24.50
100	QPSK	135	138		24.14		24.50
100	QPSK	270	0		24.22		24.50
100	16QAM	1	1		24.21		24.50
100	64QAM	1	1		24.14		24.50
100	256QAM	1	1		21.98		22.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.16	24.21	24.18	24.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.10	24.14	24.14	24.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.11	24.08	24.10	24.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.01	24.10	24.10	24.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.10	24.14	24.16	24.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.06	24.17	24.10	24.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.02	24.12	24.12	24.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.11	24.15	24.06	24.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.09	24.18	24.11	24.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.09	24.11	24.14	24.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.15	24.14	24.07	24.50

【FR1 n78 (270)_HPUE_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		

100	PI/2 BPSK	1	1		22.04		23.80
100	PI/2 BPSK	1	137		21.96		23.80
100	PI/2 BPSK	1	271		22.03		23.80
100	PI/2 BPSK	135	0		21.90		23.80
100	PI/2 BPSK	135	69		22.03		23.80
100	PI/2 BPSK	135	138		22.01		23.80
100	PI/2 BPSK	270	0		21.92		23.80
100	QPSK	1	1		21.96		23.80
100	QPSK	1	137		21.91		23.80
100	QPSK	1	271		22.00		23.80
100	QPSK	135	0		21.96		23.80
100	QPSK	135	69		21.91		23.80
100	QPSK	135	138		21.93		23.80
100	QPSK	270	0		22.02		23.80
100	16QAM	1	1		22.01		23.80
100	64QAM	1	1		21.90		23.80
100	256QAM	1	1		21.98		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.95	22.01	21.96	23.80
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.92	21.96	21.86	23.80
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.83	21.96	21.88	23.80
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.83	21.97	21.92	23.80
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.86	21.97	21.91	23.80
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.93	21.96	21.91	23.80
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.83	21.94	21.83	23.80
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.91	21.95	21.94	23.80
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.93	21.91	21.84	23.80
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.86	21.88	21.94	23.80
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.83	21.94	21.89	23.80

【FR1 n78 (270)_HPUE_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.20		27.00
100	PI/2 BPSK	1	137		26.04		27.00
100	PI/2 BPSK	1	271		26.16		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		26.15		27.00
100	PI/2 BPSK	270	0		26.13		27.00
100	QPSK	1	1		26.14		27.00
100	QPSK	1	137		25.97		27.00
100	QPSK	1	271		26.16		27.00
100	QPSK	135	0		26.02		27.00
100	QPSK	135	69		26.03		27.00
100	QPSK	135	138		26.06		27.00
100	QPSK	270	0		25.98		27.00
100	16QAM	1	1		26.11		27.00
100	64QAM	1	1		24.30		25.00
100	256QAM	1	1		21.98		23.00

Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.15	26.18	26.11	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.13	26.09	26.03	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.13	26.17	26.00	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.04	26.06	25.98	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.10	26.04	26.00	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.07	26.03	26.07	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.03	26.06	26.05	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.09	26.09	25.99	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.00	26.15	25.98	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.08	26.16	25.97	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.02	26.09	26.08	27.00

【FR1 n78 (270)_HPUE_Ant 7_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.04		23.80
100	PI/2 BPSK	1	137		21.96		23.80
100	PI/2 BPSK	1	271		22.03		23.80
100	PI/2 BPSK	135	0		21.90		23.80
100	PI/2 BPSK	135	69		22.03		23.80
100	PI/2 BPSK	135	138		22.01		23.80
100	PI/2 BPSK	270	0		21.92		23.80
100	QPSK	1	1		21.96		23.80
100	QPSK	1	137		21.91		23.80
100	QPSK	1	271		22.00		23.80
100	QPSK	135	0		21.96		23.80
100	QPSK	135	69		21.91		23.80
100	QPSK	135	138		21.93		23.80
100	QPSK	270	0		22.02		23.80
100	16QAM	1	1		22.01		23.80
100	64QAM	1	1		21.90		23.80
100	256QAM	1	1		21.98		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.95	22.01	21.96	23.80
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.92	21.96	21.86	23.80
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.83	21.96	21.88	23.80
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.83	21.97	21.92	23.80
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.86	21.97	21.91	23.80
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)

40	PI/2 BPSK	1	1	21.93	21.96	21.91	23.80
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.83	21.94	21.83	23.80
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.91	21.95	21.94	23.80
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.93	21.91	21.84	23.80
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.86	21.88	21.94	23.80
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.83	21.94	21.89	23.80

【FR1 n78 (270)_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.14		24.00
100	PI/2 BPSK	1	137		22.91		24.00
100	PI/2 BPSK	1	271		22.80		24.00
100	PI/2 BPSK	135	0		23.01		24.00
100	PI/2 BPSK	135	69		23.12		24.00
100	PI/2 BPSK	135	138		22.91		24.00
100	PI/2 BPSK	270	0		23.06		24.00
100	QPSK	1	1		23.12		24.00
100	QPSK	1	137		22.99		24.00
100	QPSK	1	271		22.83		24.00
100	QPSK	135	0		22.99		24.00
100	QPSK	135	69		23.03		24.00
100	QPSK	135	138		22.91		24.00
100	QPSK	270	0		22.95		24.00
100	16QAM	1	1		23.04		24.00
100	64QAM	1	1		23.02		24.00
100	256QAM	1	1		22.53		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.04	23.08	23.07	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.02	22.95	23.02	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.98	23.03	22.96	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.00	23.05	22.98	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.00	22.98	23.01	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.91	22.95	22.96	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.99	23.06	22.99	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.01	23.03	22.99	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.92	22.95	23.04	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.99	22.97	22.95	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.90	23.06	22.93	24.00

【FR1 n78 (270)_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.13		20.50
100	PI/2 BPSK	1	137		19.99		20.50
100	PI/2 BPSK	1	271		20.09		20.50
100	PI/2 BPSK	135	0		20.07		20.50
100	PI/2 BPSK	135	69		20.11		20.50
100	PI/2 BPSK	135	138		19.97		20.50
100	PI/2 BPSK	270	0		20.09		20.50
100	QPSK	1	1		19.98		20.50
100	QPSK	1	137		19.97		20.50
100	QPSK	1	271		20.02		20.50
100	QPSK	135	0		19.99		20.50
100	QPSK	135	69		20.06		20.50
100	QPSK	135	138		20.01		20.50
100	QPSK	270	0		20.10		20.50
100	16QAM	1	1		19.96		20.50
100	64QAM	1	1		20.02		20.50
100	256QAM	1	1		20.12		20.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.08	20.11	20.10	20.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.95	19.99	20.09	20.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.03	20.05	20.00	20.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.04	20.09	20.05	20.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.04	20.04	19.96	20.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.03	20.00	19.96	20.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.01	19.98	19.97	20.50
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	19.96	20.02	20.09	20.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.01	20.07	20.08	20.50
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.97	20.07	20.00	20.50
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.01	20.04	20.04	20.50

【FR1 n78 (270)_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.14		24.00
100	PI/2 BPSK	1	137		22.91		24.00
100	PI/2 BPSK	1	271		22.80		24.00
100	PI/2 BPSK	135	0		23.01		24.00
100	PI/2 BPSK	135	69		23.12		24.00
100	PI/2 BPSK	135	138		22.91		24.00
100	PI/2 BPSK	270	0		23.06		24.00

100	QPSK	1	1		23.12		24.00
100	QPSK	1	137		22.99		24.00
100	QPSK	1	271		22.83		24.00
100	QPSK	135	0		22.99		24.00
100	QPSK	135	69		23.03		24.00
100	QPSK	135	138		22.91		24.00
100	QPSK	270	0		22.95		24.00
100	16QAM	1	1		23.04		24.00
100	64QAM	1	1		23.02		24.00
100	256QAM	1	1		22.53		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.04	23.08	23.07	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.02	22.95	23.02	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.98	23.03	22.96	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.00	23.05	22.98	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.00	22.98	23.01	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.91	22.95	22.96	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.99	23.06	22.99	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.01	23.03	22.99	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.92	22.95	23.04	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.99	22.97	22.95	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.90	23.06	22.93	24.00

【FR1 n78 (270)_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.11		23.50
100	PI/2 BPSK	1	137		22.03		23.50
100	PI/2 BPSK	1	271		21.99		23.50
100	PI/2 BPSK	135	0		22.00		23.50
100	PI/2 BPSK	135	69		22.10		23.50
100	PI/2 BPSK	135	138		22.05		23.50
100	PI/2 BPSK	270	0		22.03		23.50
100	QPSK	1	1		22.10		23.50
100	QPSK	1	137		22.05		23.50
100	QPSK	1	271		21.98		23.50
100	QPSK	135	0		22.01		23.50
100	QPSK	135	69		22.10		23.50
100	QPSK	135	138		22.01		23.50
100	QPSK	270	0		22.01		23.50
100	16QAM	1	1		22.09		23.50
100	64QAM	1	1		22.06		23.50
100	256QAM	1	1		22.05		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.04	22.08	22.06	23.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.90	21.94	22.02	23.50
Channel				649000	650000	651000	Tune-up limit

Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.00	21.99	21.96	23.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.91	22.02	21.96	23.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.92	22.04	22.00	23.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.89	22.01	22.02	23.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.97	21.97	21.99	23.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.99	22.05	21.99	23.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.01	21.97	21.92	23.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.91	22.01	21.99	23.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.01	21.99	22.01	23.50

【FR1 n78 (270)_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.13		20.50
100	PI/2 BPSK	1	137		19.99		20.50
100	PI/2 BPSK	1	271		20.09		20.50
100	PI/2 BPSK	135	0		20.07		20.50
100	PI/2 BPSK	135	69		20.11		20.50
100	PI/2 BPSK	135	138		19.97		20.50
100	PI/2 BPSK	270	0		20.09		20.50
100	QPSK	1	1		19.98		20.50
100	QPSK	1	137		19.97		20.50
100	QPSK	1	271		20.02		20.50
100	QPSK	135	0		19.99		20.50
100	QPSK	135	69		20.06		20.50
100	QPSK	135	138		20.01		20.50
100	QPSK	270	0		20.10		20.50
100	16QAM	1	1		19.96		20.50
100	64QAM	1	1		20.02		20.50
100	256QAM	1	1		20.12		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.08	20.11	20.10	20.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.95	19.99	20.09	20.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.03	20.05	20.00	20.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.04	20.09	20.05	20.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.04	20.04	19.96	20.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.03	20.00	19.96	20.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.01	19.98	19.97	20.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.96	20.02	20.09	20.50

Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.01	20.07	20.08	20.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.97	20.07	20.00	20.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.01	20.04	20.04	20.50

【FR1 n78 (270)_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.13		20.20
100	PI/2 BPSK	1	137		19.03		20.20
100	PI/2 BPSK	1	271		19.09		20.20
100	PI/2 BPSK	135	0		19.07		20.20
100	PI/2 BPSK	135	69		19.11		20.20
100	PI/2 BPSK	135	138		18.95		20.20
100	PI/2 BPSK	270	0		19.05		20.20
100	QPSK	1	1		19.07		20.20
100	QPSK	1	137		18.99		20.20
100	QPSK	1	271		19.02		20.20
100	QPSK	135	0		19.00		20.20
100	QPSK	135	69		19.02		20.20
100	QPSK	135	138		19.08		20.20
100	QPSK	270	0		19.07		20.20
100	16QAM	1	1		18.94		20.20
100	64QAM	1	1		18.95		20.20
100	256QAM	1	1		19.09		20.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.05	19.11	19.08	20.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.02	19.05	18.98	20.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.02	19.09	19.05	20.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.97	18.99	19.05	20.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.98	19.00	18.98	20.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.97	19.08	19.03	20.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.92	19.02	18.98	20.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.95	19.02	19.06	20.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.94	19.00	19.03	20.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.03	18.97	18.96	20.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.99	19.06	18.94	20.20

【FR1 n78 (270)_HPUE_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	Tune-up limit (dBm)
Frequency (MHz)					650000		
100	PI/2 BPSK	1	1		26.14		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		25.77		27.00
100	PI/2 BPSK	135	0		26.02		27.00
100	PI/2 BPSK	135	69		26.11		27.00
100	PI/2 BPSK	135	138		25.96		27.00
100	PI/2 BPSK	270	0		26.07		27.00
100	QPSK	1	1		26.04		27.00
100	QPSK	1	137		26.02		27.00
100	QPSK	1	271		25.82		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		26.02		27.00
100	QPSK	135	138		25.90		27.00
100	QPSK	270	0		25.96		27.00
100	16QAM	1	1		25.99		27.00
100	64QAM	1	1		24.31		25.50
100	256QAM	1	1		22.49		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.05	26.11	26.08	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.91	26.10	26.07	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.00	26.00	26.00	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.94	25.99	25.94	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.96	26.09	26.03	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.99	26.06	25.97	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.00	25.99	26.06	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	25.99	26.07	26.01	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.02	26.00	26.04	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.92	26.04	26.04	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.03	25.99	26.06	27.00

【FR1 n78 (270)_HPUE_Ant 8_DSI 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					650000		Tune-up limit (dBm)
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.14		23.50
100	PI/2 BPSK	1	137		23.08		23.50
100	PI/2 BPSK	1	271		23.08		23.50
100	PI/2 BPSK	135	0		23.01		23.50
100	PI/2 BPSK	135	69		23.13		23.50
100	PI/2 BPSK	135	138		23.07		23.50
100	PI/2 BPSK	270	0		23.12		23.50
100	QPSK	1	1		23.03		23.50
100	QPSK	1	137		22.98		23.50
100	QPSK	1	271		22.97		23.50
100	QPSK	135	0		23.03		23.50
100	QPSK	135	69		22.98		23.50
100	QPSK	135	138		23.12		23.50
100	QPSK	270	0		23.12		23.50

100	16QAM	1	1		23.07		23.50
100	64QAM	1	1		23.02		23.50
100	256QAM	1	1		22.49		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.06	23.10	23.07	23.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.01	23.06	22.98	23.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.98	23.00	22.99	23.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.05	23.05	22.97	23.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.04	22.98	22.96	23.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.98	22.99	22.97	23.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.00	23.00	23.03	23.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.04	23.08	23.02	23.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.04	22.96	23.01	23.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.00	23.00	22.98	23.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.99	22.98	22.96	23.50

【FR1 n78 (270)_HPUE_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.14		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		25.77		27.00
100	PI/2 BPSK	135	0		26.02		27.00
100	PI/2 BPSK	135	69		26.11		27.00
100	PI/2 BPSK	135	138		25.96		27.00
100	PI/2 BPSK	270	0		26.07		27.00
100	QPSK	1	1		26.04		27.00
100	QPSK	1	137		26.02		27.00
100	QPSK	1	271		25.82		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		26.02		27.00
100	QPSK	135	138		25.90		27.00
100	QPSK	270	0		25.96		27.00
100	16QAM	1	1		25.99		27.00
100	64QAM	1	1		24.31		25.50
100	256QAM	1	1		22.49		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.05	26.11	26.08	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.97	26.07	26.05	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	25.92	26.03	26.06	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.92	26.00	26.02	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)

50	PI/2 BPSK	1	1	25.98	26.10	25.99	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.91	26.09	26.04	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.01	26.06	26.00	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	25.96	26.07	26.03	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.92	26.09	26.00	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.91	26.05	25.94	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.90	26.03	26.02	27.00

【FR1 n78 (270)_HPUE_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.12		26.50
100	PI/2 BPSK	1	137		25.06		26.50
100	PI/2 BPSK	1	271		24.98		26.50
100	PI/2 BPSK	135	0		24.99		26.50
100	PI/2 BPSK	135	69		25.10		26.50
100	PI/2 BPSK	135	138		24.97		26.50
100	PI/2 BPSK	270	0		25.02		26.50
100	QPSK	1	1		24.95		26.50
100	QPSK	1	137		25.07		26.50
100	QPSK	1	271		25.02		26.50
100	QPSK	135	0		24.94		26.50
100	QPSK	135	69		25.10		26.50
100	QPSK	135	138		25.03		26.50
100	QPSK	270	0		24.99		26.50
100	16QAM	1	1		24.92		26.50
100	64QAM	1	1		24.31		25.50
100	256QAM	1	1		22.49		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.01	25.08	25.05	26.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.93	25.00	24.95	26.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.93	24.94	24.99	26.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.92	25.05	25.01	26.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.97	25.05	24.93	26.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.99	25.05	24.94	26.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.89	25.04	25.02	26.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.90	25.04	24.90	26.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.98	25.05	25.01	26.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.88	24.96	24.92	26.50
Channel				647000	650000	653000	Tune-up limit

Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.92	24.95	24.91	26.50

【FR1 n78 (270)_HPUE_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.14		23.50
100	PI/2 BPSK	1	137		23.08		23.50
100	PI/2 BPSK	1	271		23.08		23.50
100	PI/2 BPSK	135	0		23.01		23.50
100	PI/2 BPSK	135	69		23.13		23.50
100	PI/2 BPSK	135	138		23.07		23.50
100	PI/2 BPSK	270	0		23.12		23.50
100	QPSK	1	1		23.03		23.50
100	QPSK	1	137		22.98		23.50
100	QPSK	1	271		22.97		23.50
100	QPSK	135	0		23.03		23.50
100	QPSK	135	69		22.98		23.50
100	QPSK	135	138		23.12		23.50
100	QPSK	270	0		23.12		23.50
100	16QAM	1	1		23.07		23.50
100	64QAM	1	1		23.02		23.50
100	256QAM	1	1		22.49		23.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.06	23.10	23.07	23.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.01	23.06	22.98	23.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.98	23.00	22.99	23.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.05	23.05	22.97	23.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.04	22.98	22.96	23.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.98	22.99	22.97	23.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.00	23.00	23.03	23.50
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.04	23.08	23.02	23.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.04	22.96	23.01	23.50
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.00	23.00	22.98	23.50
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.99	22.98	22.96	23.50

【FR1 n78 (270)_HPUE_Ant 8_DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.11		23.20
100	PI/2 BPSK	1	137		22.04		23.20
100	PI/2 BPSK	1	271		21.95		23.20
100	PI/2 BPSK	135	0		22.07		23.20

100	PI/2 BPSK	135	69		22.08		23.20
100	PI/2 BPSK	135	138		22.07		23.20
100	PI/2 BPSK	270	0		22.04		23.20
100	QPSK	1	1		22.05		23.20
100	QPSK	1	137		22.00		23.20
100	QPSK	1	271		21.95		23.20
100	QPSK	135	0		21.94		23.20
100	QPSK	135	69		22.03		23.20
100	QPSK	135	138		22.00		23.20
100	QPSK	270	0		22.08		23.20
100	16QAM	1	1		22.06		23.20
100	64QAM	1	1		22.00		23.20
100	256QAM	1	1		22.08		23.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.02	22.06	22.04	23.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.88	21.97	21.99	23.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.95	21.92	21.90	23.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.89	21.93	21.93	23.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.90	22.00	21.99	23.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.92	21.96	21.95	23.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.92	21.94	22.01	23.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.01	22.04	21.92	23.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.00	21.93	21.98	23.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.90	21.92	21.95	23.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.96	21.99	21.94	23.20

<FR1 n77 (270)_Ant 4_Full Power>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.05	23.02	23.11	22.75	24.00
100		1	137	22.90	22.75	22.98	22.58	24.00
100		1	271	22.88	22.82	22.98	22.59	24.00
100		135	0	22.46	22.48	22.59	22.27	23.50
100		135	69	23.01	23.05	23.08	22.74	24.00
100		135	138	22.44	22.38	22.62	22.40	23.50
100		270	0	22.38	22.42	22.57	22.21	23.50
100	QPSK	1	1	22.85	22.90	23.05	22.72	24.00
100		1	137	22.92	22.82	23.03	22.73	24.00
100		1	271	22.87	22.74	22.98	22.65	24.00
100		135	0	22.01	21.92	22.08	21.72	23.00
100		135	69	22.80	22.70	22.92	22.60	24.00

100		135	138	21.95	21.91	22.03	21.73	23.00
100		270	0	21.90	21.98	22.08	21.72	23.00
100	16QAM	1	1	22.03	21.96	22.10	21.70	23.00
100	64QAM	1	1	20.52	20.49	20.70	20.35	21.50
100	256QAM	1	1	18.52	18.43	18.65	18.33	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.92	22.94	23.02	22.71	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.97	22.98	23.09	22.65	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	23.00	22.91	22.97	22.66	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.98	22.93	23.03	22.69	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.93	22.88	23.01	22.70	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.92	22.94	22.97	22.72	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.98	22.92	23.07	22.61	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.97	22.94	22.98	22.60	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.94	22.92	22.97	22.63	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.95	23.00	23.08	22.61	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.97	22.88	23.02	22.66	24.00

<FR1 n77 (270)_HPUE_Ant 4_Full Power>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	25.82	26.03	26.05	25.96	27.00

100		1	137	25.50	25.76	25.87	25.71	27.00
100		1	271	25.47	25.71	25.81	25.62	27.00
100		135	0	25.04	25.34	25.41	25.25	26.50
100		135	69	26.00	25.91	26.03	25.90	27.00
100		135	138	25.05	25.32	25.37	25.15	26.50
100		270	0	25.21	25.47	25.59	25.36	26.50
100		1	1	25.67	25.85	26.01	25.87	27.00
100		1	137	25.70	25.79	25.95	25.71	27.00
100		1	271	25.65	25.82	25.98	25.74	27.00
100	QPSK	135	0	24.67	24.97	25.01	24.87	26.00
100		135	69	25.73	25.83	25.98	25.74	27.00
100		135	138	24.71	24.91	24.95	24.77	26.00
100		270	0	24.65	24.87	24.97	24.83	26.00
100	16QAM	1	1	24.66	24.79	24.91	24.66	26.00
100	64QAM	1	1	23.10	23.29	23.45	23.32	24.50
100	256QAM	1	1	21.41	21.57	21.67	21.56	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.74	26.01	26.00	25.93	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.78	25.97	25.91	25.86	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.80	25.99	26.04	25.92	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	25.68	25.96	25.96	25.93	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.75	25.95	25.91	25.93	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.80	25.91	25.97	25.91	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.73	25.99	25.95	25.93	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.80	25.98	26.03	25.92	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.80	26.01	25.99	25.94	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	

15	PI/2 BPSK	1	1	25.77	25.88	25.98	25.86	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.77	25.89	26.02	25.89	27.00

<FR1 n77 (270)_Ant 5_Full Power>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	22.98	23.02	23.05	22.96	24.00
100		1	137	22.81	22.81	22.98	22.80	24.00
100		1	271	22.87	22.91	22.97	22.76	24.00
100		135	0	22.52	22.53	22.64	22.54	23.50
100		135	69	23.00	22.87	23.01	22.78	24.00
100		135	138	22.46	22.49	22.58	22.41	23.50
100		270	0	22.42	22.44	22.55	22.38	23.50
100	QPSK	1	1	22.84	22.93	23.01	22.87	24.00
100		1	137	22.89	22.87	23.00	22.89	24.00
100		1	271	22.83	22.79	22.95	22.72	24.00
100		135	0	21.81	21.91	22.02	21.84	23.00
100		135	69	22.77	22.91	22.98	22.83	24.00
100		135	138	21.95	21.91	22.08	21.84	23.00
100		270	0	21.84	21.98	22.06	21.94	23.00
100	16QAM	1	1	22.00	22.04	22.11	21.99	23.00
100	64QAM	1	1	20.51	20.53	20.63	20.49	21.50
100	256QAM	1	1	18.45	18.42	18.58	18.43	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.84	23.00	22.92	22.82	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.93	22.99	22.99	22.83	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.95	22.87	22.98	22.86	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.84	22.93	22.91	22.80	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.89	22.99	22.93	22.94	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.96	22.92	22.91	22.94	24.00

Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.86	22.89	22.91	22.93	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.89	22.90	22.91	22.83	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.89	22.87	23.00	22.95	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.93	22.94	23.00	22.94	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.90	22.91	23.02	22.88	24.00

<FR1 n77 (270)_HPUE_Ant 5_Full Power>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	25.93	26.03	26.07	25.97	27.00
100		1	137	25.69	25.84	25.95	25.72	27.00
100		1	271	25.59	25.79	25.87	25.74	27.00
100		135	0	25.26	25.42	25.48	25.23	26.50
100		135	69	26.00	25.91	26.06	25.83	27.00
100		135	138	24.79	24.88	24.96	24.76	26.50
100		270	0	25.24	25.29	25.43	25.18	26.50
100	QPSK	1	1	25.74	25.89	25.96	25.71	27.00
100		1	137	25.61	25.75	25.88	25.66	27.00
100		1	271	25.62	25.77	25.85	25.67	27.00
100		135	0	24.83	24.95	25.05	24.82	26.00
100		135	69	25.66	25.72	25.87	25.73	27.00
100		135	138	24.83	24.85	24.99	24.78	26.00
100		270	0	24.92	24.95	25.10	24.91	26.00
100	16QAM	1	1	24.82	24.97	25.07	24.85	26.00
100	64QAM	1	1	23.43	23.60	23.69	23.47	24.50
100	256QAM	1	1	21.47	21.59	21.66	21.53	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.79	25.91	26.03	25.93	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.78	25.96	26.00	25.84	27.00
Channel				649000	655168	661334	663000	

Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.85	25.97	26.00	25.91	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	25.82	26.01	26.02	25.95	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.86	25.99	26.04	25.85	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.79	26.01	26.00	25.89	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.79	25.88	26.03	25.92	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.87	26.01	26.00	25.93	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.90	25.94	26.02	25.89	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.83	25.90	26.03	25.92	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.84	25.91	25.93	25.91	27.00

<FR1 n77 (270)_Ant 7_Full Power>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.13	23.02	23.15	23.04	24.00
100		1	137	22.70	22.61	22.82	22.59	24.00
100		1	271	22.73	22.73	22.88	22.72	24.00
100		135	0	22.37	22.26	22.49	22.32	23.50
100		135	69	23.00	22.87	23.02	22.78	24.00
100		135	138	22.50	22.32	22.55	22.37	23.50
100		270	0	22.42	22.37	22.53	22.29	23.50
100	QPSK	1	1	22.74	22.58	22.84	22.62	24.00
100		1	137	22.80	22.60	22.88	22.75	24.00
100		1	271	22.77	22.71	22.86	22.70	24.00
100		135	0	21.83	21.81	21.96	21.77	23.00
100		135	69	22.77	22.58	22.85	22.69	24.00
100		135	138	21.90	21.76	21.98	21.84	23.00

100		270	0	21.80	21.72	21.90	21.65	23.00
100	16QAM	1	1	21.94	21.83	22.07	21.86	23.00
100	64QAM	1	1	20.54	20.34	20.59	20.41	21.50
100	256QAM	1	1	18.26	18.26	18.41	18.22	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	23.07	22.99	23.13	22.91	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	23.03	22.98	23.03	22.95	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	23.01	22.89	23.13	23.03	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.00	22.94	23.14	22.02	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.10	23.01	23.07	23.01	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	23.05	22.92	23.02	22.96	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	23.05	22.94	23.00	22.95	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	23.08	22.88	23.11	22.98	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	23.03	22.96	23.05	23.00	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	23.01	22.93	23.00	22.94	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	23.12	22.93	23.07	23.02	24.00

<FR1 n77 (270)_HPUE_Ant 7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	Tune-up Limit (dBm)
Frequency (MHz)				3750	3835.02	3920.01	
100	PI/2 BPSK	1	1	26.11	26.03	26.15	26.03
100		1	137	25.73	25.73	25.91	25.78

100		1	271	25.71	25.62	25.80	25.66	27.00
100		135	0	25.37	25.32	25.53	25.36	26.50
100		135	69	26.00	25.91	26.05	25.95	27.00
100		135	138	24.91	24.74	24.98	24.86	26.50
100		270	0	25.42	25.40	25.54	25.43	26.50
100		1	1	25.81	25.67	25.88	25.67	27.00
100		1	137	25.71	25.61	25.88	25.71	27.00
100		1	271	25.63	25.53	25.78	25.55	27.00
100	QPSK	135	0	24.95	24.79	25.02	24.84	26.00
100		135	69	25.81	25.64	25.86	25.71	27.00
100		135	138	24.93	24.80	25.06	24.81	26.00
100		270	0	24.97	24.92	25.09	24.91	26.00
100	16QAM	1	1	24.89	24.86	25.06	24.82	26.00
100	64QAM	1	1	23.61	23.44	23.67	23.48	24.50
100	256QAM	1	1	21.58	21.40	21.63	21.52	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.99	25.99	26.09	25.94	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	26.02	25.89	26.04	26.01	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	26.02	25.90	26.10	25.95	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	26.01	25.92	26.06	25.94	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	26.00	25.99	26.10	25.92	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	26.09	25.97	26.10	25.96	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.97	25.98	26.00	26.01	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	26.02	26.00	26.13	26.00	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	26.01	25.95	26.03	26.05	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	26.07	25.89	26.12	26.02	27.00

Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	26.09	25.90	26.02	25.90	27.00

<FR1 n77 (270)_Ant 8_Full Power>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	22.91	23.02	23.05	22.96	24.00
100		1	137	22.69	22.75	22.90	22.67	24.00
100		1	271	22.79	22.88	22.99	22.75	24.00
100		135	0	22.36	22.50	22.57	22.47	23.50
100		135	69	23.00	22.87	23.03	22.89	24.00
100		135	138	22.37	22.51	22.66	22.52	23.50
100		270	0	22.29	22.45	22.56	22.40	23.50
100	QPSK	1	1	22.73	22.87	23.01	22.78	24.00
100		1	137	22.84	22.83	23.01	22.81	24.00
100		1	271	22.67	22.80	22.93	22.74	24.00
100		135	0	21.70	21.80	21.96	21.77	23.00
100		135	69	22.72	22.75	22.92	22.78	24.00
100		135	138	21.95	22.07	22.13	22.01	23.00
100		270	0	21.87	22.03	22.11	21.90	23.00
100	16QAM	1	1	21.86	21.96	22.14	21.97	23.00
100	64QAM	1	1	20.31	20.42	20.58	20.35	21.50
100	256QAM	1	1	18.30	18.41	18.56	18.38	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.81	22.88	23.02	22.82	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.84	22.88	23.00	22.93	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.76	23.00	23.04	22.86	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.81	22.87	22.94	22.89	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.88	22.88	22.95	22.87	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.88	22.91	22.97	22.94	24.00
Channel				647668	654500	661334	664332	

Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.85	22.88	23.00	22.86	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.89	23.00	23.00	22.92	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.79	22.97	23.04	22.85	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.90	22.98	22.95	22.87	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.85	22.99	23.03	22.83	24.00

<FR1 n77 (270)_HPUE_Ant 8_Full Power>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	25.87	26.03	26.05	25.99	27.00
100		1	137	25.74	25.86	26.00	25.80	27.00
100		1	271	25.63	25.76	25.93	25.73	27.00
100		135	0	25.13	25.30	25.45	25.26	26.50
100		135	69	26.00	25.91	26.04	25.90	27.00
100		135	138	24.75	24.94	24.98	24.76	26.50
100		270	0	25.38	25.51	25.59	25.49	26.50
100	QPSK	1	1	25.69	25.79	25.91	25.69	27.00
100		1	137	25.57	25.72	25.87	25.63	27.00
100		1	271	25.66	25.88	25.91	25.67	27.00
100		135	0	24.80	24.96	25.06	24.86	26.00
100		135	69	25.67	25.72	25.88	25.69	27.00
100		135	138	24.69	24.80	24.94	24.81	26.00
100		270	0	24.97	25.10	25.16	24.95	26.00
100	16QAM	1	1	24.78	24.90	24.99	24.79	26.00
100	64QAM	1	1	23.50	23.66	23.70	23.59	24.50
100	256QAM	1	1	21.50	21.55	21.71	21.58	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.74	26.00	25.97	25.90	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.76	25.98	25.91	25.82	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	

70	PI/2 BPSK	1	1	25.72	26.01	25.97	25.89	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	25.76	25.99	25.95	25.87	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.82	25.91	25.92	25.89	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.77	26.00	25.98	25.87	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.72	25.90	26.02	25.80	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.72	25.92	26.04	25.87	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.84	25.90	25.92	25.80	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.78	25.96	25.96	25.93	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.80	25.95	25.91	25.90	27.00

<FR1 n77 (270)_Ant 4_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.05	23.02	23.11	22.75	24.00
100		1	137	22.90	22.75	22.98	22.58	24.00
100		1	271	22.88	22.82	22.98	22.59	24.00
100		135	0	22.46	22.48	22.59	22.27	23.50
100		135	69	23.01	23.05	23.08	22.74	24.00
100		135	138	22.44	22.38	22.62	22.40	23.50
100		270	0	22.38	22.42	22.57	22.21	23.50
100	QPSK	1	1	22.85	22.90	23.05	22.72	24.00
100		1	137	22.92	22.82	23.03	22.73	24.00
100		1	271	22.87	22.74	22.98	22.65	24.00
100		135	0	22.01	21.92	22.08	21.72	23.00
100		135	69	22.80	22.70	22.92	22.60	24.00
100		135	138	21.95	21.91	22.03	21.73	23.00
100		270	0	21.90	21.98	22.08	21.72	23.00

100	16QAM	1	1	22.03	21.96	22.10	21.70	23.00
100	64QAM	1	1	20.52	20.49	20.70	20.35	21.50
100	256QAM	1	1	18.52	18.43	18.65	18.33	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.92	22.94	23.02	22.71	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.97	22.98	23.09	22.65	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	23.00	22.91	22.97	22.66	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.98	22.93	23.03	22.69	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.93	22.88	23.01	22.70	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.92	22.94	22.97	22.72	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.98	22.92	23.07	22.61	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.97	22.94	22.98	22.60	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.94	22.92	22.97	22.63	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.95	23.00	23.08	22.61	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.97	22.88	23.02	22.66	24.00

<FR1 n77 (270)_HPUE_Ant 4_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	25.82	26.03	26.05	25.96	27.00
100		1	137	25.50	25.76	25.87	25.71	27.00
100		1	271	25.47	25.71	25.81	25.62	27.00

100		135	0	25.04	25.34	25.41	25.25	26.50
100		135	69	26.00	25.91	26.03	25.90	27.00
100		135	138	25.05	25.32	25.37	25.15	26.50
100		270	0	25.21	25.47	25.59	25.36	26.50
100	QPSK	1	1	25.67	25.85	26.01	25.87	27.00
100		1	137	25.70	25.79	25.95	25.71	27.00
100		1	271	25.65	25.82	25.98	25.74	27.00
100		135	0	24.67	24.97	25.01	24.87	26.00
100		135	69	25.73	25.83	25.98	25.74	27.00
100		135	138	24.71	24.91	24.95	24.77	26.00
100		270	0	24.65	24.87	24.97	24.83	26.00
100	16QAM	1	1	24.66	24.79	24.91	24.66	26.00
100	64QAM	1	1	23.10	23.29	23.45	23.32	24.50
100	256QAM	1	1	21.41	21.57	21.67	21.56	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.74	26.01	26.00	25.93	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.78	25.97	25.91	25.86	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.80	25.99	26.04	25.92	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	25.68	25.96	25.96	25.93	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.75	25.95	25.91	25.93	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.80	25.91	25.97	25.91	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.73	25.99	25.95	25.93	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.80	25.98	26.03	25.92	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.80	26.01	25.99	25.94	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.77	25.88	25.98	25.86	27.00
Channel				647000	654168	661334	665000	

Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.77	25.89	26.02	25.89	27.00

<FR1 n77 (270)_Ant 5_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	22.98	23.02	23.05	22.96	24.00
100		1	137	22.81	22.81	22.98	22.80	24.00
100		1	271	22.87	22.91	22.97	22.76	24.00
100		135	0	22.52	22.53	22.64	22.54	23.50
100		135	69	23.00	22.87	23.01	22.78	24.00
100		135	138	22.46	22.49	22.58	22.41	23.50
100		270	0	22.42	22.44	22.55	22.38	23.50
100	QPSK	1	1	22.84	22.93	23.01	22.87	24.00
100		1	137	22.89	22.87	23.00	22.89	24.00
100		1	271	22.83	22.79	22.95	22.72	24.00
100		135	0	21.81	21.91	22.02	21.84	23.00
100		135	69	22.77	22.91	22.98	22.83	24.00
100		135	138	21.95	21.91	22.08	21.84	23.00
100		270	0	21.84	21.98	22.06	21.94	23.00
100	16QAM	1	1	22.00	22.04	22.11	21.99	23.00
100	64QAM	1	1	20.51	20.53	20.63	20.49	21.50
100	256QAM	1	1	18.45	18.42	18.58	18.43	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.84	23.00	22.92	22.82	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.93	22.99	22.99	22.83	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.95	22.87	22.98	22.86	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.84	22.93	22.91	22.80	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.89	22.99	22.93	22.94	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.96	22.92	22.91	22.94	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	

30	PI/2 BPSK	1	1	22.86	22.89	22.91	22.93	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.89	22.90	22.91	22.83	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.89	22.87	23.00	22.95	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.93	22.94	23.00	22.94	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.90	22.91	23.02	22.88	24.00

<FR1 n77 (270)_HPUE_Ant 5_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	25.93	26.03	26.07	25.97	27.00
100		1	137	25.69	25.84	25.95	25.72	27.00
100		1	271	25.59	25.79	25.87	25.74	27.00
100		135	0	25.26	25.42	25.48	25.23	26.50
100		135	69	26.00	25.91	26.06	25.83	27.00
100		135	138	24.79	24.88	24.96	24.76	26.50
100		270	0	25.24	25.29	25.43	25.18	26.50
100	QPSK	1	1	25.74	25.89	25.96	25.71	27.00
100		1	137	25.61	25.75	25.88	25.66	27.00
100		1	271	25.62	25.77	25.85	25.67	27.00
100		135	0	24.83	24.95	25.05	24.82	26.00
100		135	69	25.66	25.72	25.87	25.73	27.00
100		135	138	24.83	24.85	24.99	24.78	26.00
100		270	0	24.92	24.95	25.10	24.91	26.00
100	16QAM	1	1	24.82	24.97	25.07	24.85	26.00
100	64QAM	1	1	23.43	23.60	23.69	23.47	24.50
100	256QAM	1	1	21.47	21.59	21.66	21.53	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.79	25.91	26.03	25.93	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.78	25.96	26.00	25.84	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.85	25.97	26.00	25.91	27.00

Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	25.82	26.01	26.02	25.95	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.86	25.99	26.04	25.85	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.79	26.01	26.00	25.89	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.79	25.88	26.03	25.92	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.87	26.01	26.00	25.93	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.90	25.94	26.02	25.89	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.83	25.90	26.03	25.92	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.84	25.91	25.93	25.91	27.00

<FR1 n77 (270)_Ant 7_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.13	23.02	23.15	23.04	24.00
100		1	137	22.70	22.61	22.82	22.59	24.00
100		1	271	22.73	22.73	22.88	22.72	24.00
100		135	0	22.37	22.26	22.49	22.32	23.50
100		135	69	23.00	22.87	23.02	22.78	24.00
100		135	138	22.50	22.32	22.55	22.37	23.50
100		270	0	22.42	22.37	22.53	22.29	23.50
100	QPSK	1	1	22.74	22.58	22.84	22.62	24.00
100		1	137	22.80	22.60	22.88	22.75	24.00
100		1	271	22.77	22.71	22.86	22.70	24.00
100		135	0	21.83	21.81	21.96	21.77	23.00
100		135	69	22.77	22.58	22.85	22.69	24.00
100		135	138	21.90	21.76	21.98	21.84	23.00
100		270	0	21.80	21.72	21.90	21.65	23.00
100	16QAM	1	1	21.94	21.83	22.07	21.86	23.00

100	64QAM	1	1	20.54	20.34	20.59	20.41	21.50
100	256QAM	1	1	18.26	18.26	18.41	18.22	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	23.07	22.99	23.13	22.91	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	23.03	22.98	23.03	22.95	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	23.01	22.89	23.13	23.03	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.00	22.94	23.14	22.02	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.10	23.01	23.07	23.01	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	23.05	22.92	23.02	22.96	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	23.05	22.94	23.00	22.95	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	23.08	22.88	23.11	22.98	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	23.03	22.96	23.05	23.00	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	23.01	22.93	23.00	22.94	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	23.12	22.93	23.07	23.02	24.00

<FR1 n77 (270)_HPUE_Ant 7_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	26.11	26.03	26.15	26.03	27.00
100		1	137	25.73	25.73	25.91	25.78	27.00
100		1	271	25.71	25.62	25.80	25.66	27.00
100		135	0	25.37	25.32	25.53	25.36	26.50

100		135	69	26.00	25.91	26.05	25.95	27.00
100		135	138	24.91	24.74	24.98	24.86	26.50
100		270	0	25.42	25.40	25.54	25.43	26.50
100		1	1	25.81	25.67	25.88	25.67	27.00
100		1	137	25.71	25.61	25.88	25.71	27.00
100		1	271	25.63	25.53	25.78	25.55	27.00
100		135	0	24.95	24.79	25.02	24.84	26.00
100		135	69	25.81	25.64	25.86	25.71	27.00
100		135	138	24.93	24.80	25.06	24.81	26.00
100		270	0	24.97	24.92	25.09	24.91	26.00
100	16QAM	1	1	24.89	24.86	25.06	24.82	26.00
100	64QAM	1	1	23.61	23.44	23.67	23.48	24.50
100	256QAM	1	1	21.58	21.40	21.63	21.52	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.99	25.99	26.09	25.94	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	26.02	25.89	26.04	26.01	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	26.02	25.90	26.10	25.95	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	26.01	25.92	26.06	25.94	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	26.00	25.99	26.10	25.92	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	26.09	25.97	26.10	25.96	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.97	25.98	26.00	26.01	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	26.02	26.00	26.13	26.00	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	26.01	25.95	26.03	26.05	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	26.07	25.89	26.12	26.02	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	

10	PI/2 BPSK	1	1	26.09	25.90	26.02	25.90	27.00
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<FR1 n77 (270)_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	20.06	20.07	20.11	20.00	20.50
100		1	137	19.94	19.96	20.01	19.87	20.50
100		1	271	19.91	19.97	20.04	19.84	20.50
100		135	0	19.87	19.93	20.04	19.80	20.50
100		135	69	20.01	20.05	20.09	19.99	20.50
100		135	138	20.01	19.91	20.08	19.96	20.50
100		270	0	19.86	19.89	20.05	19.93	20.50
100	QPSK	1	1	19.98	19.99	20.07	19.84	20.50
100		1	137	19.88	19.85	19.99	19.87	20.50
100		1	271	19.97	20.02	20.10	19.97	20.50
100		135	0	19.89	19.90	20.05	19.92	20.50
100		135	69	19.91	19.92	20.09	19.95	20.50
100		135	138	19.81	19.91	20.00	19.80	20.50
100		270	0	19.84	19.82	19.95	19.81	20.50
100	16QAM	1	1	19.86	19.93	20.04	19.92	20.50
100	64QAM	1	1	19.31	19.42	19.58	19.45	20.50
100	256QAM	1	1	18.30	18.41	18.56	18.35	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	19.94	19.92	20.06	19.99	20.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.98	19.95	19.99	19.86	20.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.96	19.93	20.04	19.87	20.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.01	20.00	19.98	19.95	20.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.04	19.98	20.08	19.95	20.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.03	19.96	19.98	19.97	20.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	19.98	19.93	20.09	19.99	20.50

Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	19.95	20.04	20.07	19.99	20.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.04	20.05	19.98	19.90	20.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.03	19.95	19.98	19.93	20.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.92	20.00	19.96	19.98	20.50

<FR1 n77 (270)_HPUE_Ant 8_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.05	23.11	23.15	23.07	23.50
100		1	137	22.88	22.93	23.10	22.90	23.50
100		1	271	22.84	22.98	23.04	22.80	23.50
100		135	0	22.89	22.90	23.04	22.83	23.50
100		135	69	23.03	23.09	23.11	22.94	23.50
100		135	138	22.92	22.92	23.08	22.91	23.50
100		270	0	22.84	22.99	23.08	22.96	23.50
100	QPSK	1	1	22.92	22.95	23.06	22.89	23.50
100		1	137	22.87	22.87	23.01	22.87	23.50
100		1	271	22.82	22.94	22.99	22.75	23.50
100		135	0	22.93	22.98	23.09	22.85	23.50
100		135	69	22.93	23.00	23.06	22.95	23.50
100		135	138	22.91	22.99	23.10	22.94	23.50
100		270	0	22.94	22.89	23.05	22.89	23.50
100	16QAM	1	1	22.77	22.80	22.99	22.84	23.50
100	64QAM	1	1	22.50	22.66	22.70	22.53	23.50
100	256QAM	1	1	21.50	21.55	21.71	21.53	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.92	23.01	23.02	23.03	23.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.99	23.00	23.05	22.93	23.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.98	23.07	23.06	23.03	23.50
Channel				648668	655000	661334	663332	

Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.01	23.07	23.10	22.98	23.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.03	23.04	23.07	23.02	23.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	23.03	23.07	23.01	22.96	23.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.94	23.07	23.04	22.96	23.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.94	23.08	23.04	22.99	23.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.95	23.02	23.01	22.95	23.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.96	23.02	23.10	22.98	23.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.95	22.96	23.13	23.04	23.50

<FR1 n77 (270)_Ant 4_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	17.05	17.11	17.14	17.10	17.70
100		1	137	16.94	16.95	17.05	16.94	17.70
100		1	271	16.90	16.95	17.09	16.87	17.70
100		135	0	16.79	16.85	16.97	16.82	17.70
100		135	69	17.06	17.10	17.11	16.94	17.70
100		135	138	16.89	16.94	17.08	16.91	17.70
100		270	0	16.93	17.00	17.09	16.96	17.70
100	QPSK	1	1	16.87	16.93	17.03	16.83	17.70
100		1	137	16.89	16.92	17.03	16.90	17.70
100		1	271	16.92	16.94	17.08	16.92	17.70
100		135	0	16.98	17.09	17.13	16.97	17.70
100		135	69	16.88	16.95	17.05	16.82	17.70
100		135	138	16.85	16.90	16.99	16.86	17.70
100		270	0	16.98	16.93	17.10	16.97	17.70
100	16QAM	1	1	16.79	16.95	17.01	16.77	17.70
100	64QAM	1	1	16.86	17.05	17.10	16.86	17.70

100	256QAM	1	1	16.74	16.93	16.98	16.78	17.70
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	16.93	17.06	17.04	16.92	17.70
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	16.94	17.03	17.00	17.02	17.70
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	16.98	17.01	17.04	16.93	17.70
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.00	17.00	17.02	17.03	17.70
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	16.98	17.07	17.00	17.00	17.70
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	16.96	17.05	17.11	17.00	17.70
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	16.99	17.05	17.01	17.00	17.70
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	16.95	17.04	17.13	17.01	17.70
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	16.95	17.02	17.00	16.96	17.70
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	16.92	17.04	17.04	16.96	17.70
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	16.94	17.09	17.02	17.03	17.70

<FR1 n77 (270)_HPUE_Ant 4_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	19.95	19.92	19.99	19.93	20.70
100		1	137	19.86	19.87	19.97	19.87	20.70
100		1	271	19.82	19.80	19.97	19.76	20.70
100		135	0	19.75	19.71	19.91	19.70	20.70
100		135	69	19.86	19.89	19.96	19.85	20.70

100		135	138	19.85	19.81	19.91	19.77	20.70
100		270	0	19.81	19.74	19.95	19.80	20.70
100	QPSK	1	1	19.76	19.73	19.84	19.64	20.70
100		1	137	19.80	19.79	19.91	19.77	20.70
100		1	271	19.66	19.72	19.83	19.59	20.70
100		135	0	19.77	19.65	19.83	19.66	20.70
100		135	69	19.77	19.82	19.92	19.68	20.70
100		135	138	19.71	19.70	19.89	19.64	20.70
100		270	0	19.86	19.80	19.96	19.74	20.70
100	16QAM	1	1	19.92	19.83	19.97	19.73	20.70
100	64QAM	1	1	19.81	19.70	19.88	19.68	20.70
100	256QAM	1	1	19.66	19.74	19.82	19.71	20.70
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	19.92	19.78	19.95	19.80	20.70
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.87	19.84	19.85	19.88	20.70
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.83	19.91	19.92	19.89	20.70
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	19.80	19.84	19.89	19.77	20.70
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	19.86	19.78	19.91	19.74	20.70
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.80	19.86	19.98	19.80	20.70
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	19.83	19.85	19.93	19.82	20.70
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	19.90	19.80	19.94	19.87	20.70
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	19.82	19.82	19.87	19.79	20.70
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	19.86	19.88	19.89	19.80	20.70
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.85	19.90	19.88	19.75	20.70

<FR1 n77 (270)_Ant 5_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	20.51	20.55	20.58	20.49	21.50
100		1	137	20.37	20.44	20.52	20.34	21.50
100		1	271	20.36	20.38	20.46	20.21	21.50
100		135	0	20.33	20.27	20.45	20.20	21.50
100		135	69	20.46	20.51	20.55	20.41	21.50
100		135	138	20.28	20.34	20.40	20.30	21.50
100		270	0	20.28	20.34	20.49	20.28	21.50
100	QPSK	1	1	20.28	20.34	20.46	20.35	21.50
100		1	137	20.34	20.37	20.46	20.25	21.50
100		1	271	20.27	20.33	20.44	20.34	21.50
100		135	0	20.28	20.38	20.46	20.24	21.50
100		135	69	20.31	20.40	20.46	20.22	21.50
100		135	138	20.17	20.16	20.33	20.17	21.50
100		270	0	20.23	20.16	20.33	20.20	21.50
100	16QAM	1	1	20.22	20.23	20.37	20.18	21.50
100	64QAM	1	1	20.35	20.39	20.49	20.29	21.40
100	256QAM	1	1	18.45	18.42	18.58	18.47	19.40
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.40	20.41	20.56	20.38	21.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	20.44	20.49	20.49	20.42	21.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	20.44	20.51	20.49	20.37	21.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.44	20.49	20.51	20.40	21.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.46	20.44	20.53	20.42	21.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.41	20.50	20.43	20.41	21.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.42	20.44	20.48	20.37	21.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	

25	PI/2 BPSK	1	1	20.48	20.46	20.48	20.39	21.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.48	20.42	20.47	20.44	21.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.38	20.43	20.50	20.39	21.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.48	20.40	20.48	20.41	21.50

<FR1 n77 (270)_HPUE_Ant 5_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	23.51	23.55	23.57	23.36	24.50
100		1	137	23.12	23.20	23.29	23.15	24.50
100		1	271	23.04	23.09	23.23	23.07	24.50
100		135	0	23.32	23.32	23.40	23.23	24.50
100		135	69	23.52	23.54	23.56	23.39	24.50
100		135	138	23.07	23.10	23.21	23.02	24.50
100		270	0	23.30	23.33	23.49	23.31	24.50
100	QPSK	1	1	23.30	23.46	23.51	23.29	24.50
100		1	137	23.19	23.22	23.30	23.16	24.50
100		1	271	23.13	23.27	23.32	23.16	24.50
100		135	0	23.27	23.35	23.43	23.22	24.50
100		135	69	23.19	23.20	23.33	23.12	24.50
100		135	138	23.20	23.14	23.29	23.12	24.50
100		270	0	23.32	23.32	23.41	23.16	24.50
100	16QAM	1	1	23.37	23.37	23.45	23.25	24.50
100	64QAM	1	1	23.27	23.32	23.46	23.25	24.40
100	256QAM	1	1	21.47	21.59	21.66	21.51	22.40
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	23.37	23.50	23.54	23.34	24.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	23.39	23.49	23.54	23.32	24.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	23.44	23.51	23.55	23.35	24.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.44	23.41	23.56	23.29	24.50

Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.50	23.51	23.46	23.31	24.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	23.46	23.52	23.54	23.33	24.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	23.47	23.44	23.51	23.27	24.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	23.45	23.48	23.47	23.28	24.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	23.50	23.50	23.50	23.30	24.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	23.36	23.46	23.46	23.31	24.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	23.44	23.49	23.49	23.25	24.50

<FR1 n77 (270)_Ant 7_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	21.15	21.20	21.21	21.04	21.50
100		1	137	20.92	20.93	21.15	20.95	21.50
100		1	271	20.88	20.86	21.06	20.92	21.50
100		135	0	20.91	21.00	21.16	20.94	21.50
100		135	69	21.11	21.15	21.18	21.07	21.50
100		135	138	20.87	20.89	21.11	21.00	21.50
100		270	0	20.98	21.02	21.17	20.97	21.50
100	QPSK	1	1	20.82	20.89	21.10	20.98	21.50
100		1	137	20.80	20.88	21.09	20.92	21.50
100		1	271	20.84	20.86	21.09	20.97	21.50
100		135	0	20.93	21.06	21.16	20.94	21.50
100		135	69	20.90	21.02	21.14	20.89	21.50
100		135	138	20.88	20.96	21.17	20.95	21.50
100		270	0	20.82	20.99	21.12	20.99	21.50
100	16QAM	1	1	20.96	21.00	21.16	21.02	21.50
100	64QAM	1	1	20.54	20.34	20.59	20.37	21.40
100	256QAM	1	1	18.26	18.26	18.41	18.16	19.40
Channel				649668	655500	661334	662332	

Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.96	20.98	21.17	21.00	21.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.01	20.98	21.19	21.02	21.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.00	21.00	21.10	21.02	21.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.94	21.10	21.17	20.99	21.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.98	21.08	21.06	20.94	21.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.92	20.98	21.19	20.97	21.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.96	21.02	21.15	21.01	21.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	20.97	20.98	21.12	20.91	21.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.93	20.99	21.19	21.02	21.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.90	20.97	21.06	21.00	21.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.93	21.06	21.15	20.96	21.50

<FR1 n77 (270)_HPUE_Ant 7_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	24.12	24.18	24.19	24.04	24.50
100		1	137	24.02	24.08	24.11	23.95	24.50
100		1	271	23.97	23.96	24.11	23.94	24.50
100		135	0	23.96	23.93	24.06	23.87	24.50
100		135	69	24.05	24.11	24.16	23.96	24.50
100		135	138	24.02	24.09	24.13	23.95	24.50
100		270	0	23.99	23.97	24.12	24.00	24.50

100	QPSK	1	1	24.04	24.12	24.18	24.03	24.50
100		1	137	23.90	24.05	24.10	23.94	24.50
100		1	271	23.97	23.94	24.08	23.92	24.50
100		135	0	24.04	24.09	24.12	23.92	24.50
100		135	69	24.03	24.04	24.12	23.89	24.50
100		135	138	23.94	23.99	24.10	23.91	24.50
100		270	0	23.99	24.09	24.15	23.95	24.50
100	16QAM	1	1	23.91	24.02	24.12	23.87	24.50
100	64QAM	1	1	23.61	23.44	23.67	23.57	24.40
100	256QAM	1	1	21.58	21.40	21.63	21.47	22.40
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	24.10	24.06	24.14	24.00	24.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	24.02	24.04	24.08	23.97	24.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	24.04	24.10	24.05	24.00	24.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.99	24.16	24.16	24.01	24.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.98	24.17	24.05	23.99	24.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	24.06	24.06	24.16	23.97	24.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	24.10	24.04	24.07	24.01	24.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	24.04	24.07	24.12	23.95	24.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	24.00	24.06	24.18	23.94	24.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	24.10	24.04	24.12	23.97	24.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	24.07	24.14	24.06	23.97	24.50

<FR1 n77 (270)_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	22.91	23.02	23.05	22.98	24.00
100		1	137	22.69	22.75	22.90	22.66	24.00
100		1	271	22.79	22.88	22.99	22.81	24.00
100		135	0	22.36	22.50	22.57	22.37	23.50
100		135	69	23.00	22.87	23.03	22.81	24.00
100		135	138	22.37	22.51	22.66	22.46	23.50
100		270	0	22.29	22.45	22.56	22.40	23.50
100	QPSK	1	1	22.73	22.87	23.01	22.88	24.00
100		1	137	22.84	22.83	23.01	22.86	24.00
100		1	271	22.67	22.80	22.93	22.78	24.00
100		135	0	21.70	21.80	21.96	21.82	23.00
100		135	69	22.72	22.75	22.92	22.72	24.00
100		135	138	21.95	22.07	22.13	21.96	23.00
100		270	0	21.87	22.03	22.11	21.90	23.00
100	16QAM	1	1	21.86	21.96	22.14	22.03	23.00
100	64QAM	1	1	20.31	20.42	20.58	20.39	21.50
100	256QAM	1	1	18.30	18.41	18.56	18.41	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.86	22.96	23.03	22.83	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.77	22.90	22.93	22.92	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.79	22.90	22.97	22.92	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.87	22.90	23.01	22.80	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.82	22.87	22.96	22.82	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.90	22.87	23.00	22.90	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.82	22.92	22.92	22.93	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	

25	PI/2 BPSK	1	1	22.84	22.90	22.97	22.86	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.76	23.00	23.00	22.83	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.80	22.99	23.02	22.91	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.79	22.97	22.93	22.87	24.00

<FR1 n77 (270)_HPUE_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	25.87	26.03	26.05	26.01	27.00
100		1	137	25.74	25.86	26.00	25.82	27.00
100		1	271	25.63	25.76	25.93	25.71	27.00
100		135	0	25.13	25.30	25.45	25.28	26.50
100		135	69	26.00	25.91	26.04	25.91	27.00
100		135	138	24.75	24.94	24.98	24.84	26.50
100		270	0	25.38	25.51	25.59	25.38	26.50
100	QPSK	1	1	25.69	25.79	25.91	25.77	27.00
100		1	137	25.57	25.72	25.87	25.64	27.00
100		1	271	25.66	25.88	25.91	25.70	27.00
100		135	0	24.80	24.96	25.06	24.92	26.00
100		135	69	25.67	25.72	25.88	25.73	27.00
100		135	138	24.69	24.80	24.94	24.79	26.00
100		270	0	24.97	25.10	25.16	25.05	26.00
100	16QAM	1	1	24.78	24.90	24.99	24.84	26.00
100	64QAM	1	1	23.50	23.66	23.70	23.56	24.50
100	256QAM	1	1	21.50	21.55	21.71	21.60	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.73	25.95	25.94	25.89	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.79	25.97	25.92	25.94	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.77	25.91	25.91	25.81	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	25.73	26.02	25.98	25.82	27.00

Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.77	26.02	25.96	25.81	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.84	25.91	25.97	25.81	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.78	25.97	25.91	25.80	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.73	25.93	25.96	25.85	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.73	25.92	26.00	25.82	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.80	25.95	25.92	25.82	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.84	25.89	26.03	25.83	27.00

<FR1 n77 (270)_Ant 4_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	17.05	17.11	17.14	17.06	18.60
100		1	137	16.94	16.95	17.05	16.87	18.60
100		1	271	16.90	16.95	17.09	16.95	18.60
100		135	0	16.79	16.85	16.97	16.72	18.60
100		135	69	17.06	17.10	17.11	16.93	18.60
100		135	138	16.89	16.94	17.08	16.90	18.60
100		270	0	16.93	17.00	17.09	16.88	18.60
100	QPSK	1	1	16.87	16.93	17.03	16.85	18.60
100		1	137	16.89	16.92	17.03	16.82	18.60
100		1	271	16.92	16.94	17.08	16.97	18.60
100		135	0	16.98	17.09	17.13	16.92	18.60
100		135	69	16.88	16.95	17.05	16.90	18.60
100		135	138	16.85	16.90	16.99	16.78	18.60
100		270	0	16.98	16.93	17.10	16.95	18.60
100	16QAM	1	1	16.79	16.95	17.01	16.80	18.60
100	64QAM	1	1	16.86	17.05	17.10	16.88	18.60
100	256QAM	1	1	16.74	16.93	16.98	16.74	18.60
Channel				649668	655500	661334	662332	

Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	16.93	17.06	17.04	17.03	18.60
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	16.94	17.03	17.00	16.90	18.60
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	16.98	17.01	17.04	16.90	18.60
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.00	17.00	17.02	16.92	18.60
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	16.98	17.07	17.00	17.02	18.60
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	16.96	17.05	17.11	16.94	18.60
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	16.99	17.05	17.01	16.95	18.60
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	16.95	17.04	17.13	16.92	18.60
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	16.95	17.02	17.00	17.03	18.60
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	16.92	17.04	17.04	17.02	18.60
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	16.94	17.09	17.02	17.00	18.60

<FR1 n77 (270)_HPUE_Ant 4_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	19.95	19.92	19.99	19.83	21.60
100		1	137	19.86	19.87	19.97	19.79	21.60
100		1	271	19.82	19.80	19.97	19.81	21.60
100		135	0	19.75	19.71	19.91	19.75	21.60
100		135	69	19.86	19.89	19.96	19.78	21.60
100		135	138	19.85	19.81	19.91	19.76	21.60
100		270	0	19.81	19.74	19.95	19.76	21.60

100	QPSK	1	1	19.76	19.73	19.84	19.68	21.60
100		1	137	19.80	19.79	19.91	19.75	21.60
100		1	271	19.66	19.72	19.83	19.68	21.60
100		135	0	19.77	19.65	19.83	19.64	21.60
100		135	69	19.77	19.82	19.92	19.82	21.60
100		135	138	19.71	19.70	19.89	19.66	21.60
100		270	0	19.86	19.80	19.96	19.77	21.60
100	16QAM	1	1	19.92	19.83	19.97	19.81	21.60
100	64QAM	1	1	19.81	19.70	19.88	19.72	21.60
100	256QAM	1	1	19.66	19.74	19.82	19.61	21.60
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	19.92	19.78	19.95	19.82	21.60
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.87	19.84	19.85	19.77	21.60
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.83	19.91	19.92	19.78	21.60
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	19.80	19.84	19.89	19.78	21.60
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	19.86	19.78	19.91	19.80	21.60
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.80	19.86	19.98	19.75	21.60
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	19.83	19.85	19.93	19.81	21.60
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	19.90	19.80	19.94	19.82	21.60
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	19.82	19.82	19.87	19.81	21.60
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	19.86	19.88	19.89	19.79	21.60
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.85	19.90	19.88	19.74	21.60

<FR1 n77 (270)_Ant 5_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	18.46	18.52	18.58	18.47	20.40
100		1	137	18.41	18.40	18.50	18.26	20.40
100		1	271	18.41	18.42	18.53	18.34	20.40
100		135	0	18.40	18.43	18.50	18.38	20.40
100		135	69	18.47	18.51	18.57	18.39	20.40
100		135	138	18.40	18.40	18.48	18.33	20.40
100		270	0	18.40	18.41	18.51	18.39	20.40
100	QPSK	1	1	18.41	18.40	18.51	18.38	20.40
100		1	137	18.41	18.41	18.48	18.33	20.40
100		1	271	18.42	18.40	18.49	18.26	20.40
100		135	0	18.40	18.42	18.50	18.27	20.40
100		135	69	18.41	18.42	18.50	18.26	20.40
100		135	138	18.40	18.40	18.52	18.34	20.40
100		270	0	18.41	18.41	18.53	18.39	20.40
100	16QAM	1	1	18.41	18.40	18.52	18.27	20.40
100	64QAM	1	1	18.41	18.42	18.48	18.32	20.40
100	256QAM	1	1	18.35	18.43	18.55	18.32	20.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	18.41	18.40	18.46	18.37	20.40
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	18.42	18.40	18.48	18.44	20.40
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.43	18.43	18.48	18.34	20.40
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	18.40	18.44	18.57	18.38	20.40
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	18.43	18.44	18.56	18.34	20.40
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.43	18.40	18.45	18.35	20.40
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	18.40	18.50	18.51	18.41	20.40
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	

25	PI/2 BPSK	1	1	18.42	18.45	18.53	18.41	20.40
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	18.42	18.47	18.53	18.48	20.40
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	18.40	18.48	18.53	18.45	20.40
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.40	18.40	18.51	18.36	20.40

<FR1 n77 (270)_HPUE_Ant 5_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	21.56	21.58	21.61	21.38	23.40
100		1	137	21.51	21.52	21.57	21.40	23.40
100		1	271	21.45	21.55	21.60	21.50	23.40
100		135	0	21.42	21.43	21.51	21.33	23.40
100		135	69	21.48	21.53	21.57	21.41	23.40
100		135	138	21.40	21.43	21.52	21.39	23.40
100		270	0	21.44	21.41	21.52	21.31	23.40
100	QPSK	1	1	21.44	21.41	21.55	21.34	23.40
100		1	137	21.40	21.43	21.51	21.35	23.40
100		1	271	21.44	21.50	21.55	21.38	23.40
100		135	0	21.46	21.40	21.54	21.43	23.40
100		135	69	21.42	21.40	21.49	21.37	23.40
100		135	138	21.41	21.41	21.46	21.33	23.40
100		270	0	21.40	21.42	21.48	21.30	23.40
100	16QAM	1	1	21.41	21.41	21.48	21.27	23.40
100	64QAM	1	1	21.40	21.43	21.53	21.34	23.40
100	256QAM	1	1	21.39	21.45	21.56	21.45	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	21.43	21.56	21.56	21.42	23.40
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.55	21.53	21.56	21.40	23.40
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.41	21.54	21.59	21.36	23.40
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	21.51	21.49	21.51	21.44	23.40

Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	21.41	21.47	21.55	21.37	23.40
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.43	21.51	21.60	21.43	23.40
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	21.46	21.51	21.48	21.41	23.40
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	21.44	21.46	21.49	21.36	23.40
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	21.51	21.48	21.59	21.49	23.40
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	21.42	21.45	21.53	21.41	23.40
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.44	21.52	21.48	21.48	23.40

<FR1 n77 (270)_Ant 7_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	19.01	18.96	19.05	18.94	20.80
100		1	137	18.80	18.80	18.93	18.73	20.80
100		1	271	18.80	18.80	18.89	18.77	20.80
100		135	0	18.90	18.82	19.01	18.82	20.80
100		135	69	18.95	18.97	19.03	18.85	20.80
100		135	138	18.82	18.80	18.97	18.84	20.80
100		270	0	18.90	18.83	19.01	18.76	20.80
100	QPSK	1	1	18.94	18.81	19.00	18.87	20.80
100		1	137	18.92	18.81	18.99	18.78	20.80
100		1	271	18.81	18.80	18.94	18.74	20.80
100		135	0	18.80	18.80	18.92	18.70	20.80
100		135	69	18.86	18.80	18.96	18.80	20.80
100		135	138	18.96	18.88	19.02	18.90	20.80
100		270	0	18.84	18.88	19.00	18.82	20.80
100	16QAM	1	1	18.91	18.81	19.00	18.85	20.80
100	64QAM	1	1	18.81	18.80	18.95	18.83	20.80
100	256QAM	1	1	18.26	18.26	18.41	18.19	19.50
Channel				649668	655500	661334	662332	

Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	18.91	18.88	18.90	18.83	20.80
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	18.92	18.87	18.93	18.83	20.80
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.87	18.92	18.92	18.94	20.80
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	18.94	18.83	19.01	18.85	20.80
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	18.88	18.88	19.01	18.85	20.80
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.93	18.91	18.98	18.81	20.80
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	18.96	18.91	18.94	18.83	20.80
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	18.90	18.91	18.93	18.95	20.80
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	18.93	18.92	18.99	18.90	20.80
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	18.92	18.83	18.96	18.87	20.80
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.88	18.87	19.03	18.93	20.80

<FR1 n77 (270)_HPUE_Ant 7_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	22.01	22.05	22.08	21.85	23.80
100		1	137	21.82	21.91	22.04	21.79	23.80
100		1	271	21.85	21.92	22.03	21.83	23.80
100		135	0	21.86	21.95	22.02	21.79	23.80
100		135	69	22.03	21.96	22.05	21.89	23.80
100		135	138	21.80	21.81	21.92	21.69	23.80
100		270	0	21.83	21.81	21.94	21.73	23.80

100	QPSK	1	1	21.92	21.84	22.01	21.79	23.80
100		1	137	21.80	21.89	21.95	21.76	23.80
100		1	271	21.85	21.83	22.00	21.83	23.80
100		135	0	21.95	21.94	22.06	21.83	23.80
100		135	69	21.92	21.83	22.01	21.83	23.80
100		135	138	21.84	21.99	22.06	21.94	23.80
100		270	0	21.80	21.80	21.96	21.79	23.80
100	16QAM	1	1	21.88	21.93	22.05	21.92	23.80
100	64QAM	1	1	21.95	21.98	22.04	21.85	23.80
100	256QAM	1	1	21.58	21.40	21.63	21.43	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	21.90	21.95	21.94	21.94	23.80
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.98	22.02	22.01	21.89	23.80
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.98	21.91	22.00	21.94	23.80
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	21.94	22.03	21.94	21.97	23.80
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	21.94	22.02	22.07	21.88	23.80
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.90	22.00	22.00	21.95	23.80
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	21.95	22.03	22.00	21.95	23.80
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	21.95	21.96	22.06	21.88	23.80
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	21.89	21.94	21.99	21.92	23.80
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	21.94	21.98	21.95	21.96	23.80
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.94	21.92	21.99	21.97	23.80

<FR1 n77 (270)_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	21.91	21.98	22.10	22.01	23.50
100		1	137	21.73	21.84	21.99	21.74	23.50
100		1	271	21.69	21.72	21.93	21.68	23.50
100		135	0	21.63	21.67	21.93	21.71	23.50
100		135	69	21.89	21.93	22.07	21.93	23.50
100		135	138	21.85	21.88	22.07	21.84	23.50
100		270	0	21.69	21.69	21.94	21.71	23.50
100	QPSK	1	1	21.71	21.72	21.93	21.78	23.50
100		1	137	21.77	21.79	21.99	21.76	23.50
100		1	271	21.73	21.75	22.02	21.85	23.50
100		135	0	21.73	21.85	22.04	21.88	23.50
100		135	69	21.71	21.70	21.92	21.69	23.50
100		135	138	21.68	21.87	22.01	21.84	23.50
100		270	0	21.71	21.84	22.02	21.89	23.50
100	16QAM	1	1	21.59	21.74	21.92	21.77	23.50
100	64QAM	1	1	20.29	20.43	20.58	20.45	22.00
100	256QAM	1	1	18.98	19.03	19.16	19.03	20.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	21.87	21.83	22.02	21.94	23.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.78	21.89	22.08	21.85	23.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.82	21.87	22.02	21.99	23.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	21.78	21.87	22.08	21.87	23.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	21.89	21.94	22.07	21.86	23.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.87	21.88	22.05	21.88	23.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	21.79	21.89	22.07	21.93	23.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	

25	PI/2 BPSK	1	1	21.83	21.96	21.98	21.90	23.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	21.79	21.84	22.00	21.91	23.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	21.82	21.96	22.07	21.95	23.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.79	21.89	21.96	21.93	23.50

<FR1 n77 (270)_HPUE_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	25.01	24.98	25.10	24.90	26.50
100		1	137	24.79	24.75	24.94	24.71	26.50
100		1	271	24.84	24.85	25.00	24.86	26.50
100		135	0	24.74	24.74	24.96	24.83	26.50
100		135	69	25.04	25.01	25.08	24.95	26.50
100		135	138	24.82	24.86	25.05	24.81	26.50
100		270	0	24.86	24.82	25.00	24.82	26.50
100	QPSK	1	1	24.85	24.87	25.07	24.83	26.50
100		1	137	24.83	24.73	24.93	24.73	26.50
100		1	271	24.79	24.72	24.94	24.75	26.50
100		135	0	24.78	24.72	24.95	24.71	26.50
100		135	69	24.79	24.77	25.01	24.86	26.50
100		135	138	24.84	24.81	25.05	24.90	26.50
100		270	0	24.83	24.78	24.95	24.75	26.50
100	16QAM	1	1	24.75	24.68	24.94	24.74	26.50
100	64QAM	1	1	23.50	23.66	23.70	23.60	24.50
100	256QAM	1	1	21.50	21.55	21.71	21.50	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	24.93	24.88	25.03	24.90	26.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	24.92	24.89	24.99	24.97	26.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	24.90	24.93	24.98	24.95	26.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	24.96	24.95	24.96	24.86	26.50

Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	24.98	24.89	25.06	24.92	26.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	24.97	24.92	25.04	24.92	26.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	24.90	24.95	25.02	24.88	26.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	24.93	24.87	24.99	24.99	26.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	24.87	24.89	25.09	24.94	26.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	24.98	24.93	25.01	24.92	26.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	24.99	24.90	24.99	24.99	26.50

<FR1 n77 (270)_Ant 4_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	20.06	20.11	20.16	20.05	21.40
100		1	137	19.86	19.98	20.05	19.91	21.40
100		1	271	19.96	19.92	20.09	19.98	21.40
100		135	0	19.78	19.88	20.01	19.84	21.40
100		135	69	20.08	20.10	20.12	19.90	21.40
100		135	138	19.89	19.85	20.03	19.85	21.40
100		270	0	19.95	19.93	20.06	19.91	21.40
100	QPSK	1	1	19.90	19.98	20.09	19.85	21.40
100		1	137	19.99	19.92	20.11	19.89	21.40
100		1	271	19.96	19.97	20.07	19.85	21.40
100		135	0	19.86	19.88	19.98	19.77	21.40
100		135	69	19.94	19.90	20.07	19.86	21.40
100		135	138	19.79	19.86	20.03	19.91	21.40
100		270	0	19.94	20.01	20.09	19.88	21.40
100	16QAM	1	1	20.01	20.04	20.12	19.98	21.40
100	64QAM	1	1	19.91	19.91	20.09	19.88	21.40
100	256QAM	1	1	18.52	18.43	18.65	18.47	19.50
Channel				649668	655500	661334	662332	

Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.03	20.05	20.13	20.04	21.40
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.95	20.02	20.02	19.95	21.40
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.95	20.04	20.04	19.99	21.40
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	19.93	20.09	20.01	19.96	21.40
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.02	19.97	20.09	20.01	21.40
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.95	20.06	20.14	20.05	21.40
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.01	20.07	20.08	19.93	21.40
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	20.02	19.97	20.11	19.97	21.40
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	19.99	20.01	20.02	20.01	21.40
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	19.96	20.00	20.12	19.99	21.40
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.04	20.06	20.06	20.04	21.40

<FR1 n77 (270)_HPUE_Ant 4_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	23.08	23.14	23.15	22.94	24.40
100		1	137	22.89	23.00	23.05	22.89	24.40
100		1	271	22.93	22.98	23.12	22.90	24.40
100		135	0	22.82	22.95	23.02	22.89	24.40
100		135	69	23.05	23.04	23.13	22.95	24.40
100		135	138	22.99	23.02	23.09	22.88	24.40
100		270	0	22.89	22.92	23.08	22.93	24.40

100	QPSK	1	1	22.90	22.92	23.00	22.75	24.40
100		1	137	22.85	22.87	23.02	22.91	24.40
100		1	271	22.83	22.94	23.04	22.89	24.40
100		135	0	22.85	22.92	22.98	22.85	24.40
100		135	69	22.91	22.96	23.06	22.91	24.40
100		135	138	22.94	22.94	23.03	22.88	24.40
100		270	0	22.95	23.08	23.12	22.89	24.40
100	16QAM	1	1	22.86	22.85	23.01	22.79	24.40
100	64QAM	1	1	22.87	22.86	23.02	22.82	24.40
100	256QAM	1	1	21.41	21.57	21.67	21.46	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.95	23.12	23.00	22.90	24.40
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	23.05	23.04	23.03	22.89	24.40
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	23.06	23.02	23.09	22.84	24.40
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.96	23.03	23.02	22.89	24.40
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.03	23.02	23.03	22.90	24.40
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	23.00	23.07	23.11	22.84	24.40
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.95	23.11	23.12	22.87	24.40
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.99	23.07	23.02	22.81	24.40
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	23.07	23.12	23.11	22.82	24.40
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.96	23.06	23.12	22.89	24.40
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.94	23.11	23.11	22.87	24.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	22.98	23.02	23.05	22.96	24.00
100		1	137	22.81	22.81	22.98	22.88	24.00
100		1	271	22.87	22.91	22.97	22.76	24.00
100		135	0	22.52	22.53	22.64	22.41	23.50
100		135	69	23.00	22.87	23.01	22.85	24.00
100		135	138	22.46	22.49	22.58	22.35	23.50
100		270	0	22.42	22.44	22.55	22.35	23.50
100	QPSK	1	1	22.84	22.93	23.01	22.80	24.00
100		1	137	22.89	22.87	23.00	22.83	24.00
100		1	271	22.83	22.79	22.95	22.71	24.00
100		135	0	21.81	21.91	22.02	21.91	23.00
100		135	69	22.77	22.91	22.98	22.87	24.00
100		135	138	21.95	21.91	22.08	21.97	23.00
100		270	0	21.84	21.98	22.06	21.95	23.00
100	16QAM	1	1	22.00	22.04	22.11	21.88	23.00
100	64QAM	1	1	20.51	20.53	20.63	20.52	21.50
100	256QAM	1	1	18.45	18.42	18.58	18.34	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.84	23.00	22.92	22.93	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.93	22.99	22.99	22.84	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.95	22.87	22.98	22.82	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.84	22.93	22.91	22.84	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.89	22.99	22.93	22.91	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.96	22.92	22.91	22.89	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.86	22.89	22.91	22.82	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	

25	PI/2 BPSK	1	1	22.89	22.90	22.91	22.94	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.89	22.87	23.00	22.86	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.93	22.94	23.00	22.94	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.90	22.91	23.02	22.85	24.00

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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)	
Channel				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	25.93	26.03	26.07	26.00	27.00
100		1	137	25.69	25.84	25.95	25.85	27.00
100		1	271	25.59	25.79	25.87	25.73	27.00
100		135	0	25.26	25.42	25.48	25.33	26.50
100		135	69	26.00	25.91	26.06	25.82	27.00
100		135	138	24.79	24.88	24.96	24.86	26.50
100		270	0	25.24	25.29	25.43	25.32	26.50
100	QPSK	1	1	25.74	25.89	25.96	25.82	27.00
100		1	137	25.61	25.75	25.88	25.76	27.00
100		1	271	25.62	25.77	25.85	25.72	27.00
100		135	0	24.83	24.95	25.05	24.82	26.00
100		135	69	25.66	25.72	25.87	25.66	27.00
100		135	138	24.83	24.85	24.99	24.77	26.00
100		270	0	24.92	24.95	25.10	24.88	26.00
100	16QAM	1	1	24.82	24.97	25.07	24.85	26.00
100	64QAM	1	1	23.43	23.60	23.69	23.50	24.50
100	256QAM	1	1	21.47	21.59	21.66	21.54	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.79	25.91	26.03	25.85	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.78	25.96	26.00	25.86	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.85	25.97	26.00	25.82	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	25.82	26.01	26.02	25.84	27.00

Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.86	25.99	26.04	25.92	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.79	26.01	26.00	25.95	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.79	25.88	26.03	25.94	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.87	26.01	26.00	25.92	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.90	25.94	26.02	25.93	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.83	25.90	26.03	25.88	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.84	25.91	25.93	25.97	27.00

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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)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.13	23.02	23.15	22.99	24.00
100		1	137	22.70	22.61	22.82	22.63	24.00
100		1	271	22.73	22.73	22.88	22.68	24.00
100		135	0	22.37	22.26	22.49	22.30	23.50
100		135	69	23.00	22.87	23.02	22.82	24.00
100		135	138	22.50	22.32	22.55	22.41	23.50
100		270	0	22.42	22.37	22.53	22.41	23.50
100	QPSK	1	1	22.74	22.58	22.84	22.67	24.00
100		1	137	22.80	22.60	22.88	22.71	24.00
100		1	271	22.77	22.71	22.86	22.70	24.00
100		135	0	21.83	21.81	21.96	21.73	23.00
100		135	69	22.77	22.58	22.85	22.66	24.00
100		135	138	21.90	21.76	21.98	21.82	23.00
100		270	0	21.80	21.72	21.90	21.67	23.00
100	16QAM	1	1	21.94	21.83	22.07	21.95	23.00
100	64QAM	1	1	20.54	20.34	20.59	20.42	21.50
100	256QAM	1	1	18.26	18.26	18.41	18.22	19.50
Channel				649668	655500	661334	662332	

Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	23.07	22.99	23.13	22.97	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	23.03	22.98	23.03	22.93	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	23.01	22.89	23.13	22.99	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.00	22.94	23.14	22.95	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.10	23.01	23.07	22.99	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	23.05	22.92	23.02	23.05	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	23.05	22.94	23.00	22.97	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	23.08	22.88	23.11	22.96	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	23.03	22.96	23.05	22.96	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	23.01	22.93	23.00	22.97	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	23.12	22.93	23.07	22.92	24.00

<FR1 n77 (270)_HPUE_Ant 7_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	26.11	26.03	26.15	26.07	27.00
100		1	137	25.73	25.73	25.91	25.75	27.00
100		1	271	25.71	25.62	25.80	25.68	27.00
100		135	0	25.37	25.32	25.53	25.41	26.50
100		135	69	26.00	25.91	26.05	25.94	27.00
100		135	138	24.91	24.74	24.98	24.85	26.50
100		270	0	25.42	25.40	25.54	25.39	26.50

100	QPSK	1	1	25.81	25.67	25.88	25.67	27.00
100		1	137	25.71	25.61	25.88	25.72	27.00
100		1	271	25.63	25.53	25.78	25.66	27.00
100		135	0	24.95	24.79	25.02	24.89	26.00
100		135	69	25.81	25.64	25.86	25.74	27.00
100		135	138	24.93	24.80	25.06	24.89	26.00
100		270	0	24.97	24.92	25.09	24.95	26.00
100	16QAM	1	1	24.89	24.86	25.06	24.90	26.00
100	64QAM	1	1	23.61	23.44	23.67	23.51	24.50
100	256QAM	1	1	21.58	21.40	21.63	21.50	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.99	25.99	26.09	25.97	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	26.02	25.89	26.04	25.98	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	26.02	25.90	26.10	25.92	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	26.01	25.92	26.06	25.98	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	26.00	25.99	26.10	25.96	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	26.09	25.97	26.10	26.00	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.97	25.98	26.00	26.04	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	26.02	26.00	26.13	25.95	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	26.01	25.95	26.03	25.97	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	26.07	25.89	26.12	25.91	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	26.09	25.90	26.02	25.95	27.00

<FR1 n77 (270)_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	20.06	20.07	20.11	19.99	20.50
100		1	137	19.94	19.96	20.01	19.90	20.50
100		1	271	19.91	19.97	20.04	19.93	20.50
100		135	0	19.87	19.93	20.04	19.92	20.50
100		135	69	20.01	20.05	20.09	19.97	20.50
100		135	138	20.01	19.91	20.08	19.84	20.50
100		270	0	19.86	19.89	20.05	19.95	20.50
100	QPSK	1	1	19.98	19.99	20.07	19.88	20.50
100		1	137	19.88	19.85	19.99	19.87	20.50
100		1	271	19.97	20.02	20.10	19.97	20.50
100		135	0	19.89	19.90	20.05	19.87	20.50
100		135	69	19.91	19.92	20.09	19.86	20.50
100		135	138	19.81	19.91	20.00	19.76	20.50
100		270	0	19.84	19.82	19.95	19.81	20.50
100	16QAM	1	1	19.86	19.93	20.04	19.93	20.50
100	64QAM	1	1	19.31	19.42	19.58	19.38	20.50
100	256QAM	1	1	18.30	18.41	18.56	18.43	19.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	19.94	19.92	20.06	19.98	20.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.98	19.95	19.99	19.98	20.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.96	19.93	20.04	19.92	20.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.01	20.00	19.98	19.87	20.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.04	19.98	20.08	19.97	20.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.03	19.96	19.98	19.94	20.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	19.98	19.93	20.09	19.91	20.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	

25	PI/2 BPSK	1	1	19.95	20.04	20.07	19.91	20.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.04	20.05	19.98	19.91	20.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.03	19.95	19.98	19.87	20.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.92	20.00	19.96	19.93	20.50

<FR1 n77 (270)_HPUE_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	23.05	23.11	23.15	23.00	23.50
100		1	137	22.88	22.93	23.10	22.96	23.50
100		1	271	22.84	22.98	23.04	22.92	23.50
100		135	0	22.89	22.90	23.04	22.84	23.50
100		135	69	23.03	23.09	23.11	22.91	23.50
100		135	138	22.92	22.92	23.08	22.90	23.50
100		270	0	22.84	22.99	23.08	22.96	23.50
100	QPSK	1	1	22.92	22.95	23.06	22.92	23.50
100		1	137	22.87	22.87	23.01	22.83	23.50
100		1	271	22.82	22.94	22.99	22.75	23.50
100		135	0	22.93	22.98	23.09	22.86	23.50
100		135	69	22.93	23.00	23.06	22.81	23.50
100		135	138	22.91	22.99	23.10	22.94	23.50
100		270	0	22.94	22.89	23.05	22.85	23.50
100	16QAM	1	1	22.77	22.80	22.99	22.75	23.50
100	64QAM	1	1	22.50	22.66	22.70	22.45	23.50
100	256QAM	1	1	21.50	21.55	21.71	21.57	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.92	23.01	23.02	22.98	23.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.99	23.00	23.05	22.89	23.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.98	23.07	23.06	22.95	23.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.01	23.07	23.10	22.97	23.50

Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.03	23.04	23.07	22.97	23.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	23.03	23.07	23.01	23.04	23.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.94	23.07	23.04	22.98	23.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.94	23.08	23.04	22.92	23.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.95	23.02	23.01	22.94	23.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.96	23.02	23.10	22.93	23.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.95	22.96	23.13	22.91	23.50

<FR1 n77 (270)_Ant 4_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	17.05	17.11	17.14	17.06	18.10
100		1	137	16.94	16.95	17.05	16.87	18.10
100		1	271	16.90	16.95	17.09	16.95	18.10
100		135	0	16.79	16.85	16.97	16.72	18.10
100		135	69	17.06	17.10	17.11	16.93	18.10
100		135	138	16.89	16.94	17.08	16.90	18.10
100		270	0	16.93	17.00	17.09	16.88	18.10
100	QPSK	1	1	16.87	16.93	17.03	16.85	18.10
100		1	137	16.89	16.92	17.03	16.82	18.10
100		1	271	16.92	16.94	17.08	16.97	18.10
100		135	0	16.98	17.09	17.13	16.92	18.10
100		135	69	16.88	16.95	17.05	16.90	18.10
100		135	138	16.85	16.90	16.99	16.78	18.10
100		270	0	16.98	16.93	17.10	16.95	18.10
100	16QAM	1	1	16.79	16.95	17.01	16.80	18.10
100	64QAM	1	1	16.86	17.05	17.10	16.88	18.10
100	256QAM	1	1	16.74	16.93	16.98	16.74	18.10
Channel				649668	655500	661334	662332	

Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	16.93	17.06	17.04	17.03	18.10
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	16.94	17.03	17.00	16.90	18.10
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	16.98	17.01	17.04	16.90	18.10
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.00	17.00	17.02	16.92	18.10
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	16.98	17.07	17.00	17.02	18.10
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	16.96	17.05	17.11	16.94	18.10
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	16.99	17.05	17.01	16.95	18.10
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	16.95	17.04	17.13	16.92	18.10
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	16.95	17.02	17.00	17.03	18.10
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	16.92	17.04	17.04	17.02	18.10
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	16.94	17.09	17.02	17.00	18.10

<FR1 n77 (270)_HPUE_Ant 4_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	19.95	19.92	19.99	19.83	21.10
100		1	137	19.86	19.87	19.97	19.79	21.10
100		1	271	19.82	19.80	19.97	19.81	21.10
100		135	0	19.75	19.71	19.91	19.75	21.10
100		135	69	19.86	19.89	19.96	19.78	21.10
100		135	138	19.85	19.81	19.91	19.76	21.10
100		270	0	19.81	19.74	19.95	19.76	21.10

100	QPSK	1	1	19.76	19.73	19.84	19.68	21.10
100		1	137	19.80	19.79	19.91	19.75	21.10
100		1	271	19.66	19.72	19.83	19.68	21.10
100		135	0	19.77	19.65	19.83	19.64	21.10
100		135	69	19.77	19.82	19.92	19.82	21.10
100		135	138	19.71	19.70	19.89	19.66	21.10
100		270	0	19.86	19.80	19.96	19.77	21.10
100	16QAM	1	1	19.92	19.83	19.97	19.81	21.10
100	64QAM	1	1	19.81	19.70	19.88	19.72	21.10
100	256QAM	1	1	19.66	19.74	19.82	19.61	21.10
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	19.92	19.78	19.95	19.82	21.10
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.87	19.84	19.85	19.77	21.10
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.83	19.91	19.92	19.78	21.10
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	19.80	19.84	19.89	19.78	21.10
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	19.86	19.78	19.91	19.80	21.10
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.80	19.86	19.98	19.75	21.10
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	19.83	19.85	19.93	19.81	21.10
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	19.90	19.80	19.94	19.82	21.10
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	19.82	19.82	19.87	19.81	21.10
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	19.86	19.88	19.89	19.79	21.10
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.85	19.90	19.88	19.74	21.10

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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	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	18.46	18.52	18.58	18.47	20.40
100		1	137	18.41	18.40	18.50	18.26	20.40
100		1	271	18.41	18.42	18.53	18.34	20.40
100		135	0	18.40	18.43	18.50	18.38	20.40
100		135	69	18.47	18.51	18.57	18.39	20.40
100		135	138	18.40	18.40	18.48	18.33	20.40
100		270	0	18.40	18.41	18.51	18.39	20.40
100	QPSK	1	1	18.41	18.40	18.51	18.38	20.40
100		1	137	18.41	18.41	18.48	18.33	20.40
100		1	271	18.42	18.40	18.49	18.26	20.40
100		135	0	18.40	18.42	18.50	18.27	20.40
100		135	69	18.41	18.42	18.50	18.26	20.40
100		135	138	18.40	18.40	18.52	18.34	20.40
100		270	0	18.41	18.41	18.53	18.39	20.40
100	16QAM	1	1	18.41	18.40	18.52	18.27	20.40
100	64QAM	1	1	18.41	18.42	18.48	18.32	20.40
100	256QAM	1	1	18.35	18.43	18.55	18.32	20.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	18.41	18.40	18.46	18.37	20.40
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	18.42	18.40	18.48	18.44	20.40
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.43	18.43	18.48	18.34	20.40
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	18.40	18.44	18.57	18.38	20.40
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	18.43	18.44	18.56	18.34	20.40
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.43	18.40	18.45	18.35	20.40
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	18.40	18.50	18.51	18.41	20.40
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	

25	PI/2 BPSK	1	1	18.42	18.45	18.53	18.41	20.40
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	18.42	18.47	18.53	18.43	20.40
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	18.40	18.48	18.53	18.45	20.40
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.40	18.40	18.51	18.36	20.40

<FR1 n77 (270)_HPUE_Ant 5_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	21.56	21.58	21.61	21.53	23.40
100		1	137	21.51	21.52	21.57	21.35	23.40
100		1	271	21.45	21.55	21.60	21.36	23.40
100		135	0	21.42	21.43	21.51	21.36	23.40
100		135	69	21.48	21.53	21.57	21.39	23.40
100		135	138	21.40	21.43	21.52	21.30	23.40
100		270	0	21.44	21.41	21.52	21.36	23.40
100	QPSK	1	1	21.44	21.41	21.55	21.40	23.40
100		1	137	21.40	21.43	21.51	21.32	23.40
100		1	271	21.44	21.50	21.55	21.35	23.40
100		135	0	21.46	21.40	21.54	21.36	23.40
100		135	69	21.42	21.40	21.49	21.34	23.40
100		135	138	21.41	21.41	21.46	21.31	23.40
100		270	0	21.40	21.42	21.48	21.31	23.40
100	16QAM	1	1	21.41	21.41	21.48	21.30	23.40
100	64QAM	1	1	21.40	21.43	21.53	21.38	23.40
100	256QAM	1	1	21.39	21.45	21.56	21.33	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	21.43	21.56	21.56	21.49	23.40
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.55	21.53	21.56	21.42	23.40
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.41	21.54	21.59	21.37	23.40
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	21.51	21.49	21.51	21.38	23.40

Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	21.41	21.47	21.55	21.45	23.40
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.43	21.51	21.60	21.43	23.40
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	21.46	21.51	21.48	21.45	23.40
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	21.44	21.46	21.49	21.47	23.40
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	21.51	21.48	21.59	21.51	23.40
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	21.42	21.45	21.53	21.39	23.40
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.44	21.52	21.48	21.43	23.40

<FR1 n77 (270)_Ant 7_DSI 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				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	19.01	18.96	19.05	18.99	20.80
100		1	137	18.80	18.80	18.93	18.68	20.80
100		1	271	18.80	18.80	18.89	18.78	20.80
100		135	0	18.90	18.82	19.01	18.88	20.80
100		135	69	18.95	18.97	19.03	18.89	20.80
100		135	138	18.82	18.80	18.97	18.79	20.80
100		270	0	18.90	18.83	19.01	18.84	20.80
100	QPSK	1	1	18.94	18.81	19.00	18.78	20.80
100		1	137	18.92	18.81	18.99	18.74	20.80
100		1	271	18.81	18.80	18.94	18.75	20.80
100		135	0	18.80	18.80	18.92	18.79	20.80
100		135	69	18.86	18.80	18.96	18.73	20.80
100		135	138	18.96	18.88	19.02	18.87	20.80
100		270	0	18.84	18.88	19.00	18.77	20.80
100	16QAM	1	1	18.91	18.81	19.00	18.88	20.80
100	64QAM	1	1	18.81	18.80	18.95	18.83	20.80
100	256QAM	1	1	18.26	18.26	18.41	18.19	19.50
Channel				649668	655500	661334	662332	

Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	18.91	18.88	18.90	18.84	20.80
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	18.92	18.87	18.93	18.91	20.80
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.87	18.92	18.92	18.92	20.80
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	18.94	18.83	19.01	18.89	20.80
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	18.88	18.88	19.01	18.95	20.80
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.93	18.91	18.98	18.84	20.80
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	18.96	18.91	18.94	18.94	20.80
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	18.90	18.91	18.93	18.90	20.80
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	18.93	18.92	18.99	18.92	20.80
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	18.92	18.83	18.96	18.85	20.80
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.88	18.87	19.03	18.88	20.80

<FR1 n77 (270)_HPUE_Ant 7_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	22.01	22.05	22.08	21.97	23.80
100		1	137	21.82	21.91	22.04	21.91	23.80
100		1	271	21.85	21.92	22.03	21.86	23.80
100		135	0	21.86	21.95	22.02	21.86	23.80
100		135	69	22.03	21.96	22.05	21.84	23.80
100		135	138	21.80	21.81	21.92	21.70	23.80
100		270	0	21.83	21.81	21.94	21.75	23.80

100	QPSK	1	1	21.92	21.84	22.01	21.78	23.80
100		1	137	21.80	21.89	21.95	21.76	23.80
100		1	271	21.85	21.83	22.00	21.90	23.80
100		135	0	21.95	21.94	22.06	21.91	23.80
100		135	69	21.92	21.83	22.01	21.89	23.80
100		135	138	21.84	21.99	22.06	21.85	23.80
100		270	0	21.80	21.80	21.96	21.84	23.80
100	16QAM	1	1	21.88	21.93	22.05	21.85	23.80
100	64QAM	1	1	21.95	21.98	22.04	21.81	23.80
100	256QAM	1	1	21.58	21.40	21.63	21.52	22.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	21.90	21.95	21.94	21.87	23.80
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.98	22.02	22.01	21.92	23.80
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.98	21.91	22.00	21.87	23.80
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	21.94	22.03	21.94	21.83	23.80
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	21.94	22.02	22.07	21.91	23.80
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.90	22.00	22.00	21.96	23.80
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	21.95	22.03	22.00	21.83	23.80
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	21.95	21.96	22.06	21.93	23.80
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	21.89	21.94	21.99	21.86	23.80
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	21.94	21.98	21.95	21.91	23.80
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.94	21.92	21.99	21.84	23.80

<FR1 n77 (270)_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	19.05	19.03	19.08	19.01	20.20
100		1	137	18.96	18.90	19.06	18.94	20.20
100		1	271	18.95	18.84	19.01	18.91	20.20
100		135	0	18.85	18.86	18.94	18.77	20.20
100		135	69	18.99	19.02	19.05	18.85	20.20
100		135	138	18.81	18.79	18.95	18.73	20.20
100		270	0	18.87	18.87	18.99	18.86	20.20
100	QPSK	1	1	18.96	18.94	19.03	18.82	20.20
100		1	137	18.91	18.79	18.96	18.78	20.20
100		1	271	18.91	18.93	19.00	18.84	20.20
100		135	0	18.94	18.91	19.01	18.90	20.20
100		135	69	18.94	18.81	19.00	18.83	20.20
100		135	138	18.92	18.78	18.97	18.81	20.20
100		270	0	18.99	18.97	19.07	18.95	20.20
100	16QAM	1	1	18.98	18.84	19.03	18.86	20.20
100	64QAM	1	1	18.93	18.88	19.05	18.94	20.20
100	256QAM	1	1	18.30	18.41	18.56	18.36	19.30
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	18.97	18.93	19.07	18.93	20.20
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	18.98	18.96	19.06	18.97	20.20
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.01	18.91	18.95	18.93	20.20
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	18.99	18.98	18.99	18.94	20.20
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	19.02	18.91	19.00	18.91	20.20
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.01	18.98	19.06	18.96	20.20
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	18.93	18.99	18.98	18.96	20.20
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	

25	PI/2 BPSK	1	1	19.01	18.98	19.01	18.94	20.20
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	18.95	18.95	19.06	18.86	20.20
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	18.93	19.00	18.96	18.87	20.20
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.97	18.90	18.97	18.92	20.20

<FR1 n77 (270)_HPUE_Ant 8_DSI 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				650000	655668	661334		
Frequency (MHz)				3750	3835.02	3920.01		
100	PI/2 BPSK	1	1	22.01	22.05	22.10	21.99	23.20
100		1	137	21.81	21.86	22.00	21.87	23.20
100		1	271	21.84	21.95	22.02	21.79	23.20
100		135	0	21.81	21.91	21.98	21.79	23.20
100		135	69	22.02	22.06	22.08	21.83	23.20
100		135	138	21.80	21.97	22.04	21.83	23.20
100		270	0	21.83	21.93	22.05	21.86	23.20
100	QPSK	1	1	21.75	21.81	21.98	21.75	23.20
100		1	137	21.87	21.97	22.03	21.84	23.20
100		1	271	21.85	22.00	22.07	21.96	23.20
100		135	0	21.73	21.74	21.93	21.82	23.20
100		135	69	21.79	21.82	21.95	21.85	23.20
100		135	138	21.75	21.90	21.98	21.80	23.20
100		270	0	21.80	21.77	21.96	21.76	23.20
100	16QAM	1	1	21.76	21.87	21.97	21.74	23.20
100	64QAM	1	1	21.82	21.88	21.98	21.75	23.20
100	256QAM	1	1	21.50	21.55	21.71	21.55	22.30
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	21.93	21.90	22.06	21.93	23.20
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.99	21.95	22.06	21.90	23.20
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.86	22.03	21.95	21.89	23.20
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	21.95	21.90	22.06	21.91	23.20

Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	21.92	21.95	21.96	21.90	23.20
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.99	21.93	22.03	21.96	23.20
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	21.88	21.94	21.98	21.88	23.20
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	21.94	21.90	22.09	21.93	23.20
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	21.87	22.03	22.04	21.85	23.20
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	21.97	21.97	21.99	21.97	23.20
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.93	21.92	22.06	21.96	23.20

<FR1 n89_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.16	23.29	23.17	24.00
20		1	53	23.12	23.23	23.13	24.00
20		1	104	22.97	23.09	23.08	24.00
20		50	0	23.00	23.19	23.01	24.00
20		50	28	23.12	23.25	23.09	24.00
20		50	56	23.05	23.16	23.13	24.00
20		100	0	23.06	23.21	23.09	24.00
20	QPSK	1	1	22.92	23.16	22.93	24.00
20		1	53	22.88	23.15	22.99	24.00
20		1	104	22.96	23.19	22.99	24.00
20		50	0	23.08	23.27	23.10	24.00
20		50	28	22.97	23.21	23.00	24.00
20		50	56	23.01	23.12	23.13	24.00
20		100	0	23.04	23.25	23.06	24.00
20	16QAM	1	1	22.83	23.17	22.99	24.00
20	64QAM	1	1	22.88	23.15	23.07	24.00
20	256QAM	1	1	20.93	21.10	20.95	22.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.05	23.26	23.09	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.06	23.13	23.08	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.05	23.22	22.99	24.00

<FR1 n89_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.51	23.60	23.59	24.00
20		1	53	23.21	23.46	23.27	24.00
20		1	104	23.25	23.34	23.19	24.00
20		50	0	23.30	23.50	23.35	24.00
20		50	28	23.52	23.56	23.42	24.00
20		50	56	23.22	23.35	23.34	24.00
20		100	0	23.31	23.52	23.41	24.00
20	QPSK	1	1	23.19	23.32	23.24	24.00

20		1	53	23.23	23.41	23.23	24.00
20		1	104	22.99	23.25	23.05	24.00
20		50	0	23.26	23.34	23.30	24.00
20		50	28	23.12	23.46	23.37	24.00
20		50	56	23.17	23.28	23.15	24.00
20		100	0	23.05	23.43	23.18	24.00
20	16QAM	1	1	23.13	23.17	23.02	24.00
20	64QAM	1	1	23.16	23.31	23.07	24.00
20	256QAM	1	1	22.09	22.23	22.10	23.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.49	23.46	23.41	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.43	23.54	23.43	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.40	23.50	23.44	24.00

<FR1 n89_Ant 0_DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.16	23.29	23.17	24.00
20		1	53	23.12	23.23	23.13	24.00
20		1	104	22.97	23.09	23.08	24.00
20		50	0	23.00	23.19	23.01	24.00
20		50	28	23.12	23.25	23.09	24.00
20		50	56	23.05	23.16	23.13	24.00
20		100	0	23.06	23.21	23.09	24.00
20	QPSK	1	1	22.92	23.16	22.93	24.00
20		1	53	22.88	23.15	22.99	24.00
20		1	104	22.96	23.19	22.99	24.00
20		50	0	23.08	23.27	23.10	24.00
20		50	28	22.97	23.21	23.00	24.00
20		50	56	23.01	23.12	23.13	24.00
20		100	0	23.04	23.25	23.06	24.00
20	16QAM	1	1	22.83	23.17	22.99	24.00
20	64QAM	1	1	22.88	23.15	23.07	24.00
20	256QAM	1	1	20.93	21.10	20.95	22.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.05	23.26	23.09	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.06	23.13	23.08	24.00

Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.05	23.22	22.99	24.00

<FR1 n89_Ant 1_DSI 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	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	23.51	23.60	23.59	24.00
20		1	53	23.21	23.46	23.27	24.00
20		1	104	23.25	23.34	23.19	24.00
20		50	0	23.30	23.50	23.35	24.00
20		50	28	23.52	23.56	23.42	24.00
20		50	56	23.22	23.35	23.34	24.00
20		100	0	23.31	23.52	23.41	24.00
20	QPSK	1	1	23.19	23.32	23.24	24.00
20		1	53	23.23	23.41	23.23	24.00
20		1	104	22.99	23.25	23.05	24.00
20		50	0	23.26	23.34	23.30	24.00
20		50	28	23.12	23.46	23.37	24.00
20		50	56	23.17	23.28	23.15	24.00
20		100	0	23.05	23.43	23.18	24.00
20	16QAM	1	1	23.13	23.17	23.02	24.00
20	64QAM	1	1	23.16	23.31	23.07	24.00
20	256QAM	1	1	22.09	22.23	22.10	23.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.49	23.46	23.41	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.43	23.54	23.43	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.40	23.50	23.44	24.00

<FR1 n89_Ant 0_DSI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	23.16	23.29	23.17	24.00
20		1	53	23.12	23.23	23.13	24.00
20		1	104	22.97	23.09	23.08	24.00
20		50	0	23.00	23.19	23.01	24.00
20		50	28	23.12	23.25	23.09	24.00

20	QPSK	50	56	23.05	23.16	23.13	24.00
20		100	0	23.06	23.21	23.09	24.00
20		1	1	22.92	23.16	22.93	24.00
20		1	53	22.88	23.15	22.99	24.00
20		1	104	22.96	23.19	22.99	24.00
20		50	0	23.08	23.27	23.10	24.00
20		50	28	22.97	23.21	23.00	24.00
20		50	56	23.01	23.12	23.13	24.00
20		100	0	23.04	23.25	23.06	24.00
20	16QAM	1	1	22.83	23.17	22.99	24.00
20	64QAM	1	1	22.88	23.15	23.07	24.00
20	256QAM	1	1	20.93	21.10	20.95	22.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.05	23.26	23.09	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.06	23.13	23.08	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.05	23.22	22.99	24.00

<FR1 n89_Ant 1_DSI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	Tune-up Limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.51	23.60	23.59	24.00
20		1	53	23.21	23.46	23.27	24.00
20		1	104	23.25	23.34	23.19	24.00
20		50	0	23.30	23.50	23.35	24.00
20		50	28	23.52	23.56	23.42	24.00
20		50	56	23.22	23.35	23.34	24.00
20		100	0	23.31	23.52	23.41	24.00
20	QPSK	1	1	23.19	23.32	23.24	24.00
20		1	53	23.23	23.41	23.23	24.00
20		1	104	22.99	23.25	23.05	24.00
20		50	0	23.26	23.34	23.30	24.00
20		50	28	23.12	23.46	23.37	24.00
20		50	56	23.17	23.28	23.15	24.00
20		100	0	23.05	23.43	23.18	24.00
20	16QAM	1	1	23.13	23.17	23.02	24.00
20	64QAM	1	1	23.16	23.31	23.07	24.00
20	256QAM	1	1	22.09	22.23	22.10	23.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	

15	PI/2 BPSK	1	1	23.49	23.46	23.41	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.43	23.54	23.43	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.40	23.50	23.44	24.00

<FR1 n89_Ant 0_DSI 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	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.16	23.29	23.17	24.00
20		1	53	23.12	23.23	23.13	24.00
20		1	104	22.97	23.09	23.08	24.00
20		50	0	23.00	23.19	23.01	24.00
20		50	28	23.12	23.25	23.09	24.00
20		50	56	23.05	23.16	23.13	24.00
20		100	0	23.06	23.21	23.09	24.00
20	QPSK	1	1	22.92	23.16	22.93	24.00
20		1	53	22.88	23.15	22.99	24.00
20		1	104	22.96	23.19	22.99	24.00
20		50	0	23.08	23.27	23.10	24.00
20		50	28	22.97	23.21	23.00	24.00
20		50	56	23.01	23.12	23.13	24.00
20		100	0	23.04	23.25	23.06	24.00
20	16QAM	1	1	22.83	23.17	22.99	24.00
20	64QAM	1	1	22.88	23.15	23.07	24.00
20	256QAM	1	1	20.93	21.10	20.95	22.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.05	23.26	23.09	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.06	23.13	23.08	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.05	23.22	22.99	24.00

<FR1 n89_Ant 1_DSI 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	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.51	23.60	23.59	24.00

20		1	53	23.21	23.46	23.27	24.00
20		1	104	23.25	23.34	23.19	24.00
20		50	0	23.30	23.50	23.35	24.00
20		50	28	23.52	23.56	23.42	24.00
20		50	56	23.22	23.35	23.34	24.00
20		100	0	23.31	23.52	23.41	24.00
20	QPSK	1	1	23.19	23.32	23.24	24.00
20		1	53	23.23	23.41	23.23	24.00
20		1	104	22.99	23.25	23.05	24.00
20		50	0	23.26	23.34	23.30	24.00
20		50	28	23.12	23.46	23.37	24.00
20		50	56	23.17	23.28	23.15	24.00
20		100	0	23.05	23.43	23.18	24.00
20	16QAM	1	1	23.13	23.17	23.02	24.00
20	64QAM	1	1	23.16	23.31	23.07	24.00
20	256QAM	1	1	22.09	22.23	22.10	23.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.49	23.46	23.41	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.43	23.54	23.43	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.40	23.50	23.44	24.00

<FR1 n89_Ant 0_DSI 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	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.16	23.29	23.17	24.00
20		1	53	23.12	23.23	23.13	24.00
20		1	104	22.97	23.09	23.08	24.00
20		50	0	23.00	23.19	23.01	24.00
20		50	28	23.12	23.25	23.09	24.00
20		50	56	23.05	23.16	23.13	24.00
20	QPSK	100	0	23.06	23.21	23.09	24.00
20		1	1	22.92	23.16	22.93	24.00
20		1	53	22.88	23.15	22.99	24.00
20		1	104	22.96	23.19	22.99	24.00
20		50	0	23.08	23.27	23.10	24.00
20		50	28	22.97	23.21	23.00	24.00
20	16QAM	50	56	23.01	23.12	23.13	24.00
20		100	0	23.04	23.25	23.06	24.00
20		1	1	22.83	23.17	22.99	24.00
20	64QAM	1	1	22.88	23.15	23.07	24.00

20	256QAM	1	1	20.93	21.10	20.95	22.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.05	23.26	23.09	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.06	23.13	23.08	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.05	23.22	22.99	24.00

<FR1 n89_Ant 1_DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.51	23.60	23.59	24.00
20		1	53	23.21	23.46	23.27	24.00
20		1	104	23.25	23.34	23.19	24.00
20		50	0	23.30	23.50	23.35	24.00
20		50	28	23.52	23.56	23.42	24.00
20		50	56	23.22	23.35	23.34	24.00
20		100	0	23.31	23.52	23.41	24.00
20	QPSK	1	1	23.19	23.32	23.24	24.00
20		1	53	23.23	23.41	23.23	24.00
20		1	104	22.99	23.25	23.05	24.00
20		50	0	23.26	23.34	23.30	24.00
20		50	28	23.12	23.46	23.37	24.00
20		50	56	23.17	23.28	23.15	24.00
20		100	0	23.05	23.43	23.18	24.00
20	16QAM	1	1	23.13	23.17	23.02	24.00
20	64QAM	1	1	23.16	23.31	23.07	24.00
20	256QAM	1	1	22.09	22.23	22.10	23.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.49	23.46	23.41	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.43	23.54	23.43	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.40	23.50	23.44	24.00

<FR1 n89_Ant 0_DSI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
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Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.16	23.29	23.17	24.00
20		1	53	23.12	23.23	23.13	24.00
20		1	104	22.97	23.09	23.08	24.00
20		50	0	23.00	23.19	23.01	24.00
20		50	28	23.12	23.25	23.09	24.00
20		50	56	23.05	23.16	23.13	24.00
20		100	0	23.06	23.21	23.09	24.00
20	QPSK	1	1	22.92	23.16	22.93	24.00
20		1	53	22.88	23.15	22.99	24.00
20		1	104	22.96	23.19	22.99	24.00
20		50	0	23.08	23.27	23.10	24.00
20		50	28	22.97	23.21	23.00	24.00
20		50	56	23.01	23.12	23.13	24.00
20		100	0	23.04	23.25	23.06	24.00
20	16QAM	1	1	22.83	23.17	22.99	24.00
20	64QAM	1	1	22.88	23.15	23.07	24.00
20	256QAM	1	1	20.93	21.10	20.95	22.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.05	23.26	23.09	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.06	23.13	23.08	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.05	23.22	22.99	24.00

<FR1 n89_Ant 1_DSI 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	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.51	23.60	23.59	24.00
20		1	53	23.21	23.46	23.27	24.00
20		1	104	23.25	23.34	23.19	24.00
20		50	0	23.30	23.50	23.35	24.00
20		50	28	23.52	23.56	23.42	24.00
20		50	56	23.22	23.35	23.34	24.00
20		100	0	23.31	23.52	23.41	24.00
20	QPSK	1	1	23.19	23.32	23.24	24.00
20		1	53	23.23	23.41	23.23	24.00
20		1	104	22.99	23.25	23.05	24.00
20		50	0	23.26	23.34	23.30	24.00
20		50	28	23.12	23.46	23.37	24.00

20		50	56	23.17	23.28	23.15	24.00
20		100	0	23.05	23.43	23.18	24.00
20	16QAM	1	1	23.13	23.17	23.02	24.00
20	64QAM	1	1	23.16	23.31	23.07	24.00
20	256QAM	1	1	22.09	22.23	22.10	23.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.49	23.46	23.41	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.43	23.54	23.43	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.40	23.50	23.44	24.00

UL MIMO

<FR1 n7_Ant 1+6_Full Power&DSI4>

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	24.81	24.93	24.85	26.10
50		1	135	24.69	24.86	24.68	26.10
50		1	268	24.72	24.86	24.64	26.10
50		135	0	24.56	24.75	24.57	26.10
50		135	68	24.82	24.91	24.87	26.10
50		135	135	24.62	24.88	24.77	26.10
50		270	0	24.62	24.82	24.68	26.10
50	QPSK	1	1	24.53	24.70	24.52	26.10
50		1	135	24.58	24.76	24.59	26.10
50		1	268	24.57	24.76	24.60	26.10
50		135	0	24.55	24.72	24.54	26.10
50		135	68	24.59	24.80	24.59	26.10
50		135	135	24.61	24.85	24.66	26.10
50		270	0	24.57	24.80	24.60	26.10
50	16QAM	1	1	24.43	24.61	24.40	26.10
50	64QAM	1	1	23.06	23.31	23.13	24.60
50	256QAM	1	1	21.07	21.21	21.06	22.60

<FR1 n7_Ant 1+6_DSI2>

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	20.84	21.00	20.88	21.90
50		1	135	20.72	20.94	20.73	21.90
50		1	268	20.70	20.92	20.65	21.90
50		135	0	20.59	20.83	20.64	21.90
50		135	68	20.73	20.97	20.90	21.90
50		135	135	20.59	20.94	20.77	21.90
50		270	0	20.61	20.88	20.73	21.90
50	QPSK	1	1	20.64	20.94	20.71	21.90
50		1	135	20.58	20.88	20.67	21.90
50		1	268	20.54	20.81	20.64	21.90
50		135	0	20.62	20.87	20.69	21.90
50		135	68	20.61	20.83	20.66	21.90
50		135	135	20.62	20.94	20.82	21.90
50		270	0	20.66	20.89	20.76	21.90
50	16QAM	1	1	20.55	20.75	20.59	21.90
50	64QAM	1	1	20.55	20.84	20.64	21.90

50	256QAM	1	1	20.25	20.54	20.31	21.60
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<FR1 n7_Ant 1+6_DSI3&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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.79	20.03	19.89	20.50
50		1	135	19.87	19.96	19.89	20.50
50		1	268	19.83	19.91	19.83	20.50
50		135	0	19.82	19.91	19.83	20.50
50		135	68	19.87	19.93	19.90	20.50
50		135	135	19.78	19.90	19.84	20.50
50		270	0	19.83	19.92	19.79	20.50
50	QPSK	1	1	19.74	19.93	19.87	20.50
50		1	135	19.79	19.88	19.86	20.50
50		1	268	19.79	19.94	19.84	20.50
50		135	0	19.84	19.87	19.85	20.50
50		135	68	19.75	19.91	19.82	20.50
50		135	135	19.82	19.97	19.84	20.50
50		270	0	19.81	19.93	19.86	20.50
50	16QAM	1	1	19.74	19.90	19.87	20.50
50	64QAM	1	1	19.82	19.95	19.86	20.50
50	256QAM	1	1	19.88	19.96	19.87	20.50

<FR1 n7_Ant 1+6_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.36	23.49	23.39	24.70
50		1	135	23.22	23.39	23.19	24.70
50		1	268	23.27	23.38	23.23	24.70
50		135	0	23.12	23.33	23.24	24.70
50		135	68	23.33	23.38	23.36	24.70
50		135	135	23.10	23.32	23.30	24.70
50		270	0	23.09	23.30	23.17	24.70
50	QPSK	1	1	23.16	23.34	23.18	24.70
50		1	135	23.06	23.28	23.15	24.70
50		1	268	23.02	23.26	23.14	24.70
50		135	0	23.15	23.34	23.24	24.70
50		135	68	23.11	23.28	23.18	24.70
50		135	135	23.17	23.37	23.21	24.70
50		270	0	23.09	23.38	23.20	24.70
50	16QAM	1	1	23.06	23.24	23.10	24.70
50	64QAM	1	1	23.00	23.25	23.04	24.60

50	256QAM	1	1	21.07	21.21	21.06	22.60
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<FR1 n41_Ant 0+2_HPUE Full Power&DSI4>

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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.54	26.66	26.59	27.00
100		1	137	26.26	26.48	26.32	27.00
100		1	271	26.38	26.58	26.40	27.00
100		135	0	26.32	26.53	26.39	27.00
100		135	69	26.51	26.64	26.59	27.00
100		135	138	26.42	26.62	26.47	27.00
100		270	0	26.36	26.58	26.40	27.00
100	QPSK	1	1	26.41	26.60	26.39	27.00
100		1	137	26.31	26.51	26.36	27.00
100		1	271	26.40	26.61	26.44	27.00
100		135	0	26.26	26.48	26.37	27.00
100		135	69	26.39	26.55	26.39	27.00
100		135	138	26.38	26.56	26.43	27.00
100		270	0	26.38	26.58	26.44	27.00
100	16QAM	1	1	26.35	26.52	26.36	27.00
100	64QAM	1	1	26.31	26.52	26.36	27.00
100	256QAM	1	1	25.28	25.51	25.34	26.00

<FR1 n41_Ant 0+2_PC1.5 Full Power&DSI4>

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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	29.46	29.62	29.54	30.00
100		1	137	29.24	29.53	29.38	30.00
100		1	271	29.26	29.47	29.28	30.00
100		135	0	29.21	29.48	29.30	30.00
100		135	69	29.48	29.59	29.47	30.00
100		135	138	29.32	29.58	29.47	30.00
100		270	0	29.31	29.53	29.37	30.00
100	QPSK	1	1	29.33	29.52	29.33	30.00
100		1	137	29.25	29.45	29.31	30.00
100		1	271	29.33	29.57	29.43	30.00
100		135	0	28.97	29.19	29.03	29.80
100		135	69	29.21	29.51	29.33	30.00
100		135	138	29.03	29.30	29.18	29.80
100		270	0	29.06	29.31	29.21	29.80
100	16QAM	1	1	28.98	29.22	29.12	29.80
100	64QAM	1	1	27.00	27.22	27.03	27.80
100	256QAM	1	1	25.20	25.40	25.24	25.80

<FR1 n41_Ant 0+2_HPUE DSI 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				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.54	26.66	26.59	27.00
100		1	137	26.26	26.48	26.32	27.00
100		1	271	26.38	26.58	26.40	27.00
100		135	0	26.32	26.53	26.39	27.00
100		135	69	26.51	26.64	26.59	27.00
100		135	138	26.42	26.62	26.47	27.00
100		270	0	26.36	26.58	26.40	27.00
100	QPSK	1	1	26.41	26.60	26.39	27.00
100		1	137	26.31	26.51	26.36	27.00
100		1	271	26.40	26.61	26.44	27.00
100		135	0	26.26	26.48	26.37	27.00
100		135	69	26.39	26.55	26.39	27.00
100		135	138	26.38	26.56	26.43	27.00
100		270	0	26.38	26.58	26.44	27.00
100	16QAM	1	1	26.35	26.52	26.36	27.00
100	64QAM	1	1	26.31	26.52	26.36	27.00
100	256QAM	1	1	25.28	25.51	25.34	26.00

<FR1 n41_Ant 0+2_PC1.5 DSI 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				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	29.46	29.62	29.54	30.00
100		1	137	29.24	29.53	29.38	30.00
100		1	271	29.26	29.47	29.28	30.00
100		135	0	29.21	29.48	29.30	30.00
100		135	69	29.48	29.59	29.47	30.00
100		135	138	29.32	29.58	29.47	30.00
100		270	0	29.31	29.53	29.37	30.00
100	QPSK	1	1	29.33	29.52	29.33	30.00
100		1	137	29.25	29.45	29.31	30.00
100		1	271	29.33	29.57	29.43	30.00
100		135	0	28.97	29.19	29.03	29.80
100		135	69	29.21	29.51	29.33	30.00
100		135	138	29.03	29.30	29.18	29.80
100		270	0	29.06	29.31	29.21	29.80
100	16QAM	1	1	28.98	29.22	29.12	29.80
100	64QAM	1	1	27.00	27.22	27.03	27.80
100	256QAM	1	1	25.20	25.40	25.24	25.80

<FR1 n41_Ant 0+2_HPUE DSI 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				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.10	20.20	20.10	20.90
100		1	137	20.00	20.11	19.99	20.90
100		1	271	19.97	20.14	20.00	20.90
100		135	0	20.01	20.05	20.10	20.90
100		135	69	20.12	20.13	20.14	20.90
100		135	138	19.98	20.13	20.01	20.90
100		270	0	20.09	20.17	20.09	20.90
100	QPSK	1	1	20.07	20.18	20.13	20.90
100		1	137	20.05	20.14	20.03	20.90
100		1	271	20.06	20.05	19.97	20.90
100		135	0	20.00	20.16	20.13	20.90
100		135	69	20.09	20.14	20.00	20.90
100		135	138	20.01	20.02	19.98	20.90
100		270	0	20.11	20.10	20.07	20.90
100	16QAM	1	1	20.01	20.11	20.05	20.90
100	64QAM	1	1	20.06	20.06	20.09	20.90
100	256QAM	1	1	20.02	20.14	20.03	20.90

<FR1 n41_Ant 0+2_PC1.5 DSI 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				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.10	23.26	23.07	24.00
100		1	137	23.04	23.09	23.13	24.00
100		1	271	23.00	23.05	23.03	24.00
100		135	0	23.03	23.07	23.08	24.00
100		135	69	23.08	23.13	23.12	24.00
100		135	138	23.05	23.10	23.04	24.00
100		270	0	23.03	23.01	23.08	24.00
100	QPSK	1	1	23.03	23.22	23.05	24.00
100		1	137	22.98	23.09	23.00	24.00
100		1	271	22.97	23.12	23.14	24.00
100		135	0	22.99	23.13	23.08	24.00
100		135	69	22.92	23.09	23.01	24.00
100		135	138	22.91	23.06	23.04	24.00
100		270	0	22.94	23.14	23.09	24.00
100	16QAM	1	1	23.06	23.13	23.08	24.00
100	64QAM	1	1	22.96	23.08	23.07	24.00
100	256QAM	1	1	23.01	23.15	23.08	24.00

<FR1 n41_Ant 0+2_HPUE DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.10	21.22	21.08	21.90
100		1	137	20.99	21.13	21.00	21.90
100		1	271	20.98	21.11	21.02	21.90
100		135	0	21.07	21.03	21.12	21.90
100		135	69	21.18	21.13	21.17	21.90
100		135	138	21.00	21.15	21.02	21.90
100		270	0	21.09	21.15	21.12	21.90
100	QPSK	1	1	21.06	21.14	21.08	21.90
100		1	137	21.11	21.16	21.07	21.90
100		1	271	21.08	21.00	20.96	21.90
100		135	0	21.03	21.12	21.09	21.90
100		135	69	21.08	21.20	21.04	21.90
100		135	138	21.03	21.02	20.93	21.90
100		270	0	21.12	21.13	21.06	21.90
100	16QAM	1	1	21.00	21.06	20.99	21.90
100	64QAM	1	1	21.05	21.02	21.07	21.90
100	256QAM	1	1	21.04	21.07	21.01	21.90

<FR1 n41_Ant 0+2_PC1.5 DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.12	24.32	24.03	25.00
100		1	137	24.02	24.06	24.10	25.00
100		1	271	24.07	24.06	24.03	25.00
100		135	0	23.99	24.07	24.05	25.00
100		135	69	24.09	24.12	24.17	25.00
100		135	138	24.02	24.09	24.04	25.00
100		270	0	24.00	24.04	24.07	25.00
100	QPSK	1	1	24.09	24.25	24.11	25.00
100		1	137	23.96	24.10	23.96	25.00
100		1	271	24.00	24.06	24.16	25.00
100		135	0	24.00	24.13	24.08	25.00
100		135	69	23.91	24.12	24.00	25.00
100		135	138	23.91	24.12	24.07	25.00
100		270	0	23.98	24.08	24.08	25.00
100	16QAM	1	1	24.07	24.12	24.01	25.00
100	64QAM	1	1	24.02	24.13	24.06	25.00
100	256QAM	1	1	24.03	24.22	24.13	25.00

<FR1 n41_Ant 0+2_HPUE DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.42	20.54	20.47	21.70
100		1	137	20.26	20.38	20.20	21.70
100		1	271	20.25	20.38	20.34	21.70
100		135	0	20.38	20.44	20.40	21.70
100		135	69	20.38	20.49	20.47	21.70
100		135	138	20.26	20.43	20.33	21.70
100		270	0	20.30	20.48	20.33	21.70
100	QPSK	1	1	20.31	20.46	20.33	21.70
100		1	137	20.35	20.47	20.25	21.70
100		1	271	20.25	20.43	20.36	21.70
100		135	0	20.25	20.38	20.26	21.70
100		135	69	20.23	20.36	20.31	21.70
100		135	138	20.25	20.37	20.30	21.70
100		270	0	20.29	20.50	20.34	21.70
100	16QAM	1	1	20.28	20.45	20.37	21.70
100	64QAM	1	1	20.30	20.43	20.41	21.70
100	256QAM	1	1	20.30	20.43	20.36	21.70

<FR1 n41_Ant 0+2_PC1.5 DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.40	23.61	23.48	24.70
100		1	137	23.23	23.40	23.21	24.70
100		1	271	23.24	23.34	23.35	24.70
100		135	0	23.37	23.51	23.35	24.70
100		135	69	23.43	23.52	23.48	24.70
100		135	138	23.25	23.50	23.31	24.70
100		270	0	23.31	23.47	23.36	24.70
100	QPSK	1	1	23.30	23.41	23.37	24.70
100		1	137	23.31	23.49	23.23	24.70
100		1	271	23.23	23.46	23.33	24.70
100		135	0	23.27	23.41	23.31	24.70
100		135	69	23.19	23.35	23.32	24.70
100		135	138	23.19	23.38	23.35	24.70
100		270	0	23.29	23.58	23.33	24.70
100	16QAM	1	1	23.27	23.48	23.38	24.70
100	64QAM	1	1	23.33	23.39	23.48	24.70
100	256QAM	1	1	23.34	23.49	23.37	24.70

<FR1 n41_Ant 1+6_HPUE Full Power&DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.20	26.24	26.16	27.00
100		1	137	25.88	26.00	25.89	27.00
100		1	271	25.92	26.04	25.85	27.00
100		135	0	25.95	26.07	25.89	27.00
100		135	69	26.12	26.17	26.13	27.00
100		135	138	25.91	26.05	25.87	27.00
100		270	0	25.96	26.04	25.88	27.00
100	QPSK	1	1	26.11	26.22	26.08	27.00
100		1	137	25.85	25.98	25.78	27.00
100		1	271	25.88	26.05	25.89	27.00
100		135	0	25.93	26.07	25.89	27.00
100		135	69	26.02	26.13	25.96	27.00
100		135	138	25.91	25.99	25.82	27.00
100		270	0	25.94	26.05	25.89	27.00
100	16QAM	1	1	26.06	26.20	26.06	27.00
100	64QAM	1	1	25.80	25.88	25.72	26.80
100	256QAM	1	1	24.62	24.76	24.61	25.80

<FR1 n41_Ant 1+6_PC1.5 Full Power&DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	28.92	29.03	28.91	30.00
100		1	137	28.72	28.91	28.75	30.00
100		1	271	28.59	28.78	28.61	30.00
100		135	0	28.32	28.48	28.30	29.80
100		135	69	28.91	28.98	28.92	30.00
100		135	138	28.42	28.60	28.42	29.80
100		270	0	28.34	28.51	28.32	29.80
100	QPSK	1	1	28.75	28.96	28.72	30.00
100		1	137	28.63	28.85	28.62	30.00
100		1	271	28.64	28.83	28.65	30.00
100		135	0	28.11	28.32	28.11	29.50
100		135	69	28.75	28.91	28.71	30.00
100		135	138	27.95	28.16	27.97	29.50
100		270	0	27.95	28.19	28.03	29.50
100	16QAM	1	1	27.92	28.11	27.95	29.50
100	64QAM	1	1	26.34	26.53	26.36	27.50
100	256QAM	1	1	24.27	24.50	24.31	25.50

<FR1 n41_Ant 1+6_HPUE &DSI 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				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.12	21.20	21.16	22.80
100		1	137	20.96	21.14	20.99	22.80
100		1	271	20.97	21.13	20.96	22.80
100		135	0	21.01	21.08	21.13	22.80
100		135	69	21.03	21.14	21.09	22.80
100		135	138	21.06	21.09	20.99	22.80
100		270	0	21.03	21.12	21.07	22.80
100	QPSK	1	1	20.94	21.04	20.85	22.80
100		1	137	20.82	21.01	20.88	22.80
100		1	271	21.00	21.13	20.98	22.80
100		135	0	20.94	21.15	21.01	22.80
100		135	69	20.91	21.12	21.00	22.80
100		135	138	20.90	21.02	20.85	22.80
100		270	0	20.90	21.01	20.82	22.80
100	16QAM	1	1	20.91	21.01	20.89	22.80
100	64QAM	1	1	20.92	21.13	20.92	22.80
100	256QAM	1	1	20.88	21.16	20.96	22.80

<FR1 n41_Ant 1+6_PC1.5 DSI 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				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.03	24.14	24.04	25.80
100		1	137	23.88	23.94	23.95	25.80
100		1	271	23.85	23.94	23.86	25.80
100		135	0	23.92	24.10	23.97	25.80
100		135	69	24.01	24.08	23.97	25.80
100		135	138	24.00	23.99	23.91	25.80
100		270	0	23.99	24.08	23.94	25.80
100	QPSK	1	1	23.89	24.02	23.96	25.80
100		1	137	23.93	24.10	23.93	25.80
100		1	271	23.91	24.00	24.01	25.80
100		135	0	23.84	23.91	23.92	25.80
100		135	69	23.93	23.99	23.95	25.80
100		135	138	23.86	23.95	23.90	25.80
100		270	0	23.96	23.94	23.95	25.80
100	16QAM	1	1	23.90	23.93	23.96	25.80
100	64QAM	1	1	23.91	23.99	23.89	25.80
100	256QAM	1	1	23.93	23.99	23.87	25.80

<FR1 n41_Ant 1+6_HPUE DSI 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				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.15	18.21	18.10	19.60
100		1	137	18.14	18.15	17.99	19.60
100		1	271	18.06	18.18	18.10	19.60
100		135	0	18.07	18.09	18.08	19.60
100		135	69	18.13	18.18	18.06	19.60
100		135	138	18.10	18.10	18.10	19.60
100		270	0	18.01	18.13	18.04	19.60
100	QPSK	1	1	18.09	18.18	18.04	19.60
100		1	137	18.09	18.18	18.07	19.60
100		1	271	18.09	18.14	18.14	19.60
100		135	0	18.07	18.05	18.09	19.60
100		135	69	18.06	18.14	18.06	19.60
100		135	138	18.12	18.14	18.15	19.60
100		270	0	18.09	18.24	18.19	19.60
100	16QAM	1	1	18.10	18.21	18.08	19.60
100	64QAM	1	1	18.07	18.08	18.11	19.60
100	256QAM	1	1	18.09	18.10	18.08	19.60

<FR1 n41_Ant 1+6_PC1.5 DSI 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				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.13	21.28	21.13	22.60
100		1	137	21.04	21.16	20.98	22.60
100		1	271	21.07	21.20	21.05	22.60
100		135	0	21.14	21.16	21.06	22.60
100		135	69	21.05	21.17	21.15	22.60
100		135	138	21.09	21.20	21.16	22.60
100		270	0	21.11	21.15	21.07	22.60
100	QPSK	1	1	21.10	21.18	21.06	22.60
100		1	137	21.10	21.10	20.95	22.60
100		1	271	21.06	21.13	21.03	22.60
100		135	0	21.08	21.11	21.05	22.60
100		135	69	21.06	21.20	21.04	22.60
100		135	138	21.10	21.16	21.08	22.60
100		270	0	21.07	21.16	21.00	22.60
100	16QAM	1	1	21.08	21.24	21.11	22.60
100	64QAM	1	1	21.10	21.10	21.10	22.60
100	256QAM	1	1	21.08	21.12	21.12	22.60

<FR1 n41_Ant 1+6_HPUE DSI 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	21.21	21.31	21.20	22.10
100		1	137	21.16	21.29	21.14	22.10
100		1	271	21.07	21.26	21.09	22.10
100		135	0	21.11	21.22	21.15	22.10
100		135	69	21.19	21.26	21.14	22.10
100		135	138	21.09	21.25	21.17	22.10
100		270	0	21.13	21.26	21.09	22.10
100	QPSK	1	1	21.06	21.25	21.09	22.10
100		1	137	21.12	21.28	21.10	22.10
100		1	271	21.14	21.24	21.20	22.10
100		135	0	21.06	21.21	21.16	22.10
100		135	69	21.12	21.19	21.14	22.10
100		135	138	21.12	21.16	21.18	22.10
100		270	0	21.12	21.25	21.16	22.10
100	16QAM	1	1	21.09	21.24	21.11	22.10
100	64QAM	1	1	21.09	21.21	21.08	22.10
100	256QAM	1	1	21.05	21.27	21.16	22.10

<FR1 n41_Ant 1+6_PC1.5 DSI 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	24.23	24.36	24.28	25.10
100		1	137	24.17	24.24	24.11	25.10
100		1	271	24.14	24.24	24.14	25.10
100		135	0	24.15	24.28	24.16	25.10
100		135	69	24.25	24.22	24.25	25.10
100		135	138	24.06	24.23	24.20	25.10
100		270	0	24.22	24.24	24.05	25.10
100	QPSK	1	1	24.09	24.22	24.14	25.10
100		1	137	24.14	24.27	24.02	25.10
100		1	271	24.16	24.20	24.13	25.10
100		135	0	24.07	24.28	24.16	25.10
100		135	69	24.02	24.29	24.13	25.10
100		135	138	24.09	24.21	24.12	25.10
100		270	0	24.10	24.24	24.05	25.10
100	16QAM	1	1	24.05	24.25	24.09	25.10
100	64QAM	1	1	24.07	24.13	24.07	25.10
100	256QAM	1	1	24.07	24.16	24.12	25.10

<FR1 n41_Ant 1+6_HPUE DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.87	23.95	23.93	25.30
100		1	137	23.73	23.90	23.83	25.30
100		1	271	23.81	23.88	23.74	25.30
100		135	0	23.71	23.81	23.71	25.30
100		135	69	23.84	23.93	23.90	25.30
100		135	138	23.77	23.93	23.72	25.30
100		270	0	23.77	23.88	23.79	25.30
100	QPSK	1	1	23.66	23.83	23.70	25.30
100		1	137	23.81	23.88	23.72	25.30
100		1	271	23.72	23.85	23.71	25.30
100		135	0	23.77	23.85	23.72	25.30
100		135	69	23.75	23.86	23.70	25.30
100		135	138	23.67	23.81	23.67	25.30
100		270	0	23.73	23.84	23.74	25.30
100	16QAM	1	1	23.76	23.84	23.76	25.30
100	64QAM	1	1	23.74	23.89	23.77	25.30
100	256QAM	1	1	23.74	23.87	23.76	25.30

<FR1 n41_Ant 1+6_PC1.5 DSI 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	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	27.00	27.07	27.02	28.30
100		1	137	26.85	26.94	26.89	28.30
100		1	271	26.83	27.02	26.90	28.30
100		135	0	26.79	26.99	26.94	28.30
100		135	69	26.98	27.00	26.91	28.30
100		135	138	26.79	26.93	26.79	28.30
100		270	0	26.71	26.87	26.81	28.30
100	QPSK	1	1	26.82	26.98	26.90	28.30
100		1	137	26.81	27.01	26.84	28.30
100		1	271	26.84	26.98	26.88	28.30
100		135	0	26.74	26.87	26.79	28.30
100		135	69	26.72	26.91	26.78	28.30
100		135	138	26.78	26.86	26.71	28.30
100		270	0	26.85	27.01	26.87	28.30
100	16QAM	1	1	26.80	26.92	26.80	28.30
100	64QAM	1	1	26.34	26.53	26.36	27.70
100	256QAM	1	1	24.27	24.50	24.31	25.50

<FR1 n48_Ant 7+5_Full Power&DSI 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	23.30	23.36	23.28	24.00
40		1	53	23.19	23.31	23.16	24.00
40		1	104	23.13	23.27	23.06	24.00
40		50	0	23.14	23.33	23.13	24.00
40		50	28	23.27	23.34	23.23	24.00
40		50	56	23.19	23.32	23.16	24.00
40		100	0	23.23	23.33	23.20	24.00
40	QPSK	1	1	23.13	23.24	23.08	24.00
40		1	53	23.14	23.25	23.15	24.00
40		1	104	23.06	23.23	23.04	24.00
40		50	0	23.02	23.22	23.12	24.00
40		50	28	23.03	23.23	23.02	24.00
40		50	56	23.27	23.35	23.19	24.00
40		100	0	23.21	23.29	23.19	24.00
40	16QAM	1	1	23.08	23.19	23.03	24.00
40	64QAM	1	1	21.54	21.69	21.57	22.50
40	256QAM	1	1	19.56	19.73	19.64	20.50

<FR1 n78_Ant 7+5_HPUE Full Power&DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.15		27.00
100		1	137		26.01		27.00
100		1	271		25.94		27.00
100		135	0		25.99		27.00
100		135	69		26.13		27.00
100		135	138		25.95		27.00
100		270	0		26.05		27.00
100	QPSK	1	1		26.14		27.00
100		1	137		25.92		27.00
100		1	271		25.97		27.00
100		135	0		25.99		27.00
100		135	69		26.00		27.00
100		135	138		25.93		27.00
100		270	0		25.94		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		26.09		27.00
100	256QAM	1	1		25.19		26.00

<FR1 n78_Ant 7+5_HPUE Full Power&DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		29.15		30.00
100		1	137		28.96		30.00
100		1	271		28.95		30.00
100		135	0		28.96		29.80
100		135	69		29.08		30.00
100		135	138		28.98		29.80
100		270	0		29.02		29.80
100	QPSK	1	1		29.09		30.00
100		1	137		28.85		30.00
100		1	271		29.12		30.00
100		135	0		28.91		29.50
100		135	69		28.90		30.00
100		135	138		28.96		29.50
100		270	0		28.85		29.50
100	16QAM	1	1		29.02		29.50
100	64QAM	1	1		26.83		27.80
100	256QAM	1	1		24.90		25.80

<FR1 n48_Ant 7+5_DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.47	22.58	22.49	23.20
40		1	53	22.40	22.45	22.30	23.20
40		1	104	22.33	22.44	22.28	23.20
40		50	0	22.34	22.41	22.31	23.20
40		50	28	22.42	22.44	22.33	23.20
40		50	56	22.23	22.43	22.31	23.20
40		100	0	22.44	22.44	22.49	23.20
40	QPSK	1	1	22.19	22.42	22.30	23.20
40		1	53	22.24	22.44	22.30	23.20
40		1	104	22.26	22.45	22.39	23.20
40		50	0	22.28	22.44	22.33	23.20
40		50	28	22.32	22.47	22.42	23.20
40		50	56	22.26	22.37	22.30	23.20
40		100	0	22.29	22.49	22.31	23.20
40	16QAM	1	1	22.32	22.48	22.36	23.20
40	64QAM	1	1	22.28	22.47	22.40	23.20
40	256QAM	1	1	22.31	22.40	22.36	23.20

<FR1 n78_Ant 7+5_HPUE DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.61		22.50
100		1	137		21.49		22.50
100		1	271		21.43		22.50
100		135	0		21.36		22.50
100		135	69		21.51		22.50
100		135	138		21.43		22.50
100		270	0		21.51		22.50
100	QPSK	1	1		21.49		22.50
100		1	137		21.35		22.50
100		1	271		21.36		22.50
100		135	0		21.48		22.50
100		135	69		21.44		22.50
100		135	138		21.34		22.50
100		270	0		21.41		22.50
100	16QAM	1	1		21.35		22.50
100	64QAM	1	1		21.58		22.50
100	256QAM	1	1		21.51		22.50

<FR1 n78_Ant 7+5_PC1.5 DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.60		30.00
100		1	137		24.26		30.00
100		1	271		24.24		30.00
100		135	0		24.41		29.80
100		135	69		24.51		30.00
100		135	138		24.31		29.80
100		270	0		24.50		29.80
100	QPSK	1	1		24.41		30.00
100		1	137		24.26		30.00
100		1	271		24.22		30.00
100		135	0		24.47		29.50
100		135	69		24.42		30.00
100		135	138		24.27		29.50
100		270	0		24.32		29.50
100	16QAM	1	1		24.46		29.50
100	64QAM	1	1		24.49		27.80
100	256QAM	1	1		24.50		25.80

<FR1 n48_Ant 7+5_DSI 3&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				638000	641666	645332	Tune-up Limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.58	19.67	19.64	21.40
40		1	53	19.34	19.55	19.41	21.40
40		1	104	19.44	19.56	19.43	21.40
40		50	0	19.42	19.46	19.32	21.40
40		50	28	19.50	19.62	19.56	21.40
40		50	56	19.39	19.63	19.39	21.40
40		100	0	19.41	19.55	19.47	21.40
40	QPSK	1	1	19.46	19.56	19.43	21.40
40		1	53	19.43	19.44	19.38	21.40
40		1	104	19.44	19.56	19.45	21.40
40		50	0	19.47	19.58	19.51	21.40
40		50	28	19.36	19.59	19.41	21.40
40		50	56	19.43	19.51	19.40	21.40
40		100	0	19.47	19.53	19.42	21.40
40	16QAM	1	1	19.41	19.49	19.38	21.40
40	64QAM	1	1	19.33	19.56	19.45	21.40
40	256QAM	1	1	19.37	19.57	19.43	21.40

<FR1 n78_Ant 7+5_HPUE DSI 3&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					650000		Tune-up Limit (dBm)
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.61		23.40
100		1	137		21.53		23.40
100		1	271		21.51		23.40
100		135	0		21.55		23.40
100		135	69		21.54		23.40
100		135	138		21.52		23.40
100		270	0		21.49		23.40
100	QPSK	1	1		21.49		23.40
100		1	137		21.54		23.40
100		1	271		21.50		23.40
100		135	0		21.50		23.40
100		135	69		21.56		23.40
100		135	138		21.54		23.40
100		270	0		21.52		23.40
100	16QAM	1	1		21.51		23.40
100	64QAM	1	1		21.57		23.40
100	256QAM	1	1		21.54		23.40

<FR1 n78_Ant 7+5_PC1.5 DSI 3&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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.62		26.40
100		1	137		24.57		26.40
100		1	271		24.50		26.40
100		135	0		24.48		26.10
100		135	69		24.54		26.40
100		135	138		24.53		26.10
100		270	0		24.48		26.10
100	QPSK	1	1		24.49		26.40
100		1	137		24.53		26.40
100		1	271		24.52		26.40
100		135	0		24.48		26.40
100		135	69		24.44		26.40
100		135	138		24.51		26.40
100		270	0		24.56		26.40
100	16QAM	1	1		24.61		26.40
100	64QAM	1	1		24.49		26.40
100	256QAM	1	1		24.56		25.90

<FR1 n48_Ant 7+5_DSI 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	23.30	23.36	23.28	24.00
40		1	53	23.19	23.31	23.16	24.00
40		1	104	23.13	23.27	23.06	24.00
40		50	0	23.14	23.33	23.13	24.00
40		50	28	23.27	23.34	23.23	24.00
40		50	56	23.19	23.32	23.16	24.00
40		100	0	23.23	23.33	23.20	24.00
40	QPSK	1	1	23.13	23.24	23.08	24.00
40		1	53	23.14	23.25	23.15	24.00
40		1	104	23.06	23.23	23.04	24.00
40		50	0	23.02	23.22	23.12	24.00
40		50	28	23.03	23.23	23.02	24.00
40		50	56	23.27	23.35	23.19	24.00
40		100	0	23.21	23.29	23.19	24.00
40	16QAM	1	1	23.08	23.19	23.03	24.00

40	64QAM	1	1	21.54	21.69	21.57	22.50
40	256QAM	1	1	19.56	19.73	19.64	20.50

<FR1 n78_Ant 7+5_HPUE DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.15		27.00
100		1	137		26.01		27.00
100		1	271		25.94		27.00
100		135	0		25.99		27.00
100		135	69		26.13		27.00
100		135	138		25.95		27.00
100		270	0		26.05		27.00
100	QPSK	1	1		26.14		27.00
100		1	137		25.92		27.00
100		1	271		25.97		27.00
100		135	0		25.99		27.00
100		135	69		26.00		27.00
100		135	138		25.93		27.00
100		270	0		25.94		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		26.09		27.00
100	256QAM	1	1		25.19		26.00

<FR1 n78_Ant 7+5_HPUE DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		29.15		30.00
100		1	137		28.96		30.00
100		1	271		28.95		30.00
100		135	0		28.96		29.80
100		135	69		29.08		30.00
100		135	138		28.98		29.80
100		270	0		29.02		29.80
100	QPSK	1	1		29.09		30.00
100		1	137		28.85		30.00
100		1	271		29.12		30.00
100		135	0		28.91		29.50
100		135	69		28.90		30.00
100		135	138		28.96		29.50
100		270	0		28.85		29.50
100	16QAM	1	1		29.02		29.50
100	64QAM	1	1		26.83		27.80
100	256QAM	1	1		24.90		25.80

<FR1 n48_Ant 7+5_Full Power&DSI 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	22.97	23.07	23.04	24.00
40		1	53	22.78	22.94	22.90	24.00
40		1	104	22.65	22.87	22.77	24.00
40		50	0	22.74	22.95	22.87	24.00
40		50	28	22.87	22.98	22.91	24.00
40		50	56	22.74	22.91	22.81	24.00
40		100	0	22.80	22.95	22.86	24.00
40	QPSK	1	1	22.70	22.84	22.67	24.00
40		1	53	22.71	22.89	22.81	24.00
40		1	104	22.74	22.86	22.82	24.00
40		50	0	22.75	22.94	22.78	24.00
40		50	28	22.79	22.93	22.76	24.00
40		50	56	22.74	22.93	22.81	24.00
40		100	0	22.80	22.92	22.85	24.00
40	16QAM	1	1	22.65	22.82	22.67	24.00
40	64QAM	1	1	21.17	21.33	21.17	22.50
40	256QAM	1	1	19.25	19.35	19.20	20.50

<FR1 n78_Ant 7+5_HPUE Full Power&DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.13		27.00
100		1	137		26.03		27.00
100		1	271		25.91		27.00
100		135	0		25.97		27.00
100		135	69		26.11		27.00
100		135	138		25.90		27.00
100		270	0		26.03		27.00
100	QPSK	1	1		26.10		27.00
100		1	137		25.90		27.00
100		1	271		25.93		27.00
100		135	0		25.97		27.00
100		135	69		25.95		27.00
100		135	138		25.91		27.00
100		270	0		25.90		27.00
100	16QAM	1	1		26.07		27.00
100	64QAM	1	1		26.06		27.00
100	256QAM	1	1		25.29		26.00

<FR1 n78 Ant 7+5 HPUE Full Power&DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		29.16		30.00
100		1	137		28.86		30.00
100		1	271		28.73		30.00
100		135	0		28.57		29.50
100		135	69		29.06		30.00
100		135	138		28.49		29.50
100		270	0		28.69		29.50
100	QPSK	1	1		29.03		30.00
100		1	137		28.77		30.00
100		1	271		28.93		30.00
100		135	0		28.48		29.00
100		135	69		28.76		30.00
100		135	138		28.46		29.00
100		270	0		28.46		29.00
100	16QAM	1	1		28.54		29.00
100	64QAM	1	1		26.56		27.50
100	256QAM	1	1		24.82		25.50

<FR1 n48 Ant 4+5 DSI 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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.01	19.23	19.08	20.00
40		1	53	18.96	19.07	18.91	20.00
40		1	104	18.95	19.15	18.92	20.00
40		50	0	19.01	19.17	18.90	20.00
40		50	28	19.11	19.08	19.05	20.00
40		50	56	18.97	19.06	18.94	20.00
40		100	0	18.94	19.02	18.90	20.00
40	QPSK	1	1	18.92	19.05	18.87	20.00
40		1	53	18.87	19.15	18.93	20.00
40		1	104	18.83	19.03	18.87	20.00
40		50	0	18.90	19.07	18.97	20.00
40		50	28	18.93	19.06	18.97	20.00
40		50	56	18.91	19.13	18.95	20.00
40		100	0	18.74	19.07	18.92	20.00
40	16QAM	1	1	18.90	18.97	19.01	20.00
40	64QAM	1	1	18.92	19.11	18.94	20.00
40	256QAM	1	1	19.00	19.15	19.02	20.00

<FR1 n78_Ant 4+5_HPUE DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.12		20.70
100		1	137		20.07		20.70
100		1	271		19.96		20.70
100		135	0		19.98		20.70
100		135	69		20.13		20.70
100		135	138		20.09		20.70
100		270	0		20.02		20.70
100	QPSK	1	1		20.09		20.70
100		1	137		20.05		20.70
100		1	271		19.93		20.70
100		135	0		19.94		20.70
100		135	69		20.00		20.70
100		135	138		20.04		20.70
100		270	0		19.97		20.70
100	16QAM	1	1		19.95		20.70
100	64QAM	1	1		19.95		20.70
100	256QAM	1	1		20.10		20.70

<FR1 n78_Ant 4+5_PC1.5 DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.12		23.70
100		1	137		23.01		23.70
100		1	271		23.05		23.70
100		135	0		22.99		23.70
100		135	69		23.04		23.70
100		135	138		23.03		23.70
100		270	0		23.03		23.70
100	QPSK	1	1		23.07		23.70
100		1	137		23.07		23.70
100		1	271		22.97		23.70
100		135	0		23.00		23.70
100		135	69		22.97		23.70
100		135	138		23.03		23.70
100		270	0		22.94		23.70
100	16QAM	1	1		22.99		23.70
100	64QAM	1	1		23.05		23.70
100	256QAM	1	1		23.03		23.70

<FR1 n48_Ant 4+5_DSI 3&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				638000	641666	645332	Tune-up Limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.02	18.16	18.05	19.90
40		1	53	17.91	18.06	17.93	19.90
40		1	104	17.90	18.02	17.93	19.90
40		50	0	17.98	18.04	17.97	19.90
40		50	28	18.03	18.06	18.10	19.90
40		50	56	17.90	18.00	17.91	19.90
40		100	0	17.90	18.03	17.91	19.90
40	QPSK	1	1	17.96	17.90	17.89	19.90
40		1	53	17.94	17.98	17.96	19.90
40		1	104	17.88	18.03	17.93	19.90
40		50	0	17.92	18.03	18.08	19.90
40		50	28	17.87	18.12	17.90	19.90
40		50	56	18.01	18.08	17.89	19.90
40		100	0	17.89	17.99	17.93	19.90
40	16QAM	1	1	17.95	18.13	17.91	19.90
40	64QAM	1	1	17.96	18.07	17.93	19.90
40	256QAM	1	1	17.94	18.08	17.91	19.90

<FR1 n78_Ant 4+5_HPUE DSI 3&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					650000		Tune-up Limit (dBm)
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.08		18.80
100		1	137		16.88		18.80
100		1	271		17.02		18.80
100		135	0		16.90		18.80
100		135	69		16.99		18.80
100		135	138		16.93		18.80
100		270	0		16.90		18.80
100	QPSK	1	1		16.90		18.80
100		1	137		16.97		18.80
100		1	271		17.03		18.80
100		135	0		16.98		18.80
100		135	69		16.91		18.80
100		135	138		16.94		18.80
100		270	0		16.99		18.80
100	16QAM	1	1		16.96		18.80
100	64QAM	1	1		17.02		18.80
100	256QAM	1	1		16.91		18.80

<FR1 n78_Ant 4+5_PC1.5 DSI 3&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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.08		21.80
100		1	137		19.94		22.80
100		1	271		19.95		22.80
100		135	0		19.90		22.80
100		135	69		20.03		22.80
100		135	138		20.02		22.80
100		270	0		19.85		22.80
100	QPSK	1	1		19.86		22.80
100		1	137		19.85		22.80
100		1	271		19.88		22.80
100		135	0		19.92		22.80
100		135	69		19.91		22.80
100		135	138		20.00		22.80
100		270	0		19.99		22.80
100	16QAM	1	1		20.04		22.80
100	64QAM	1	1		20.03		22.80
100	256QAM	1	1		19.75		22.80

<FR1 n48_Ant 4+5_DSI 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	20.58	20.71	20.57	22.20
40		1	53	20.36	20.58	20.36	22.20
40		1	104	20.37	20.60	20.40	22.20
40		50	0	20.40	20.60	20.29	22.20
40		50	28	20.46	20.60	20.47	22.20
40		50	56	20.36	20.60	20.36	22.20
40		100	0	20.37	20.63	20.44	22.20
40	QPSK	1	1	20.27	20.45	20.38	22.20
40		1	53	20.31	20.52	20.43	22.20
40		1	104	20.24	20.58	20.41	22.20
40		50	0	20.39	20.61	20.43	22.20
40		50	28	20.31	20.55	20.32	22.20
40		50	56	20.24	20.50	20.25	22.20
40		100	0	20.32	20.60	20.40	22.20
40	16QAM	1	1	20.36	20.54	20.45	22.20
40	64QAM	1	1	20.31	20.58	20.43	22.20
40	256QAM	1	1	20.38	20.53	20.40	22.20

<FR1 n78_Ant 4+5_HPUE DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.16		22.20
100		1	137		21.14		22.20
100		1	271		20.98		22.20
100		135	0		21.02		22.20
100		135	69		21.08		22.20
100		135	138		21.09		22.20
100		270	0		21.10		22.20
100	QPSK	1	1		21.04		22.20
100		1	137		21.07		22.20
100		1	271		21.00		22.20
100		135	0		21.10		22.20
100		135	69		20.99		22.20
100		135	138		21.13		22.20
100		270	0		21.09		22.20
100	16QAM	1	1		21.05		22.20
100	64QAM	1	1		21.08		22.20
100	256QAM	1	1		21.11		22.20

<FR1 n78_Ant 4+5_PC1.5 DSI 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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.19		25.20
100		1	137		24.11		25.20
100		1	271		23.97		25.20
100		135	0		24.04		25.20
100		135	69		24.09		25.20
100		135	138		24.06		25.20
100		270	0		24.07		25.20
100	QPSK	1	1		24.11		25.20
100		1	137		24.06		25.20
100		1	271		23.99		25.20
100		135	0		24.07		25.20
100		135	69		24.02		25.20
100		135	138		24.10		25.20
100		270	0		24.14		25.20
100	16QAM	1	1		24.06		25.20
100	64QAM	1	1		24.02		25.20
100	256QAM	1	1		24.05		25.20

<FR1 n77_Ant 7+5_HPUE Full Power&DSI 4>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	26.07	26.03	26.11	26.02	27.00
100		1	137	25.77	25.72	25.91	25.72	27.00
100		1	271	25.81	25.83	25.94	25.75	27.00
100		135	0	25.46	25.41	25.58	25.42	26.50
100		135	69	26.01	25.88	26.03	25.89	27.00
100		135	138	25.49	25.42	25.58	25.40	26.50
100		270	0	25.43	25.42	25.55	25.35	26.50
100	QPSK	1	1	25.80	25.77	25.94	25.80	27.00
100		1	137	25.86	25.75	25.95	25.79	27.00
100		1	271	25.81	25.76	25.92	25.76	27.00
100		135	0	24.83	24.87	25.00	24.83	26.00
100		135	69	25.78	25.76	25.93	25.72	27.00
100		135	138	24.94	24.85	25.04	24.84	26.00
100		270	0	24.83	24.86	24.99	24.88	26.00
100	16QAM	1	1	24.98	24.95	25.10	24.98	26.00
100	64QAM	1	1	23.54	23.45	23.62	23.48	24.50
100	256QAM	1	1	21.37	21.35	21.51	21.40	22.50

<FR1 n77_Ant 7+5_PC1.5 Full Power&DSI 4>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	29.03	29.04	29.12	29.04	30.00
100		1	137	28.72	28.80	28.94	28.74	30.00
100		1	271	28.66	28.72	28.85	28.71	30.00
100		135	0	28.33	28.38	28.52	28.36	29.50
100		135	69	29.01	28.92	29.07	28.93	30.00
100		135	138	27.86	27.82	27.98	27.84	29.50
100		270	0	28.34	28.36	28.50	28.36	29.50
100	QPSK	1	1	28.79	28.79	28.93	28.77	30.00
100		1	137	28.67	28.69	28.89	28.75	30.00
100		1	271	28.64	28.66	28.83	28.64	30.00
100		135	0	27.90	27.88	28.05	27.88	29.00
100		135	69	28.75	28.69	28.88	28.76	30.00
100		135	138	27.89	27.84	28.04	27.84	29.00
100		270	0	27.96	27.95	28.11	27.92	29.00
100	16QAM	1	1	27.87	27.93	28.08	27.94	29.00
100	64QAM	1	1	26.53	26.53	26.69	26.54	27.50

100	256QAM	1	1	24.54	24.51	24.66	24.44	25.50
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<FR1 n77_Ant 7+5_HPUE DSI 2>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	21.52	21.54	21.65	21.53	22.50
100		1	137	21.34	21.44	21.53	21.46	22.50
100		1	271	21.42	21.37	21.55	21.38	22.50
100		135	0	21.40	21.29	21.47	21.32	22.50
100		135	69	21.50	21.50	21.56	21.48	22.50
100		135	138	21.36	21.29	21.43	21.25	22.50
100		270	0	21.28	21.38	21.52	21.38	22.50
100	QPSK	1	1	21.31	21.36	21.51	21.39	22.50
100		1	137	21.37	21.41	21.42	21.46	22.50
100		1	271	21.27	21.38	21.47	21.28	22.50
100		135	0	21.26	21.35	21.49	21.29	22.50
100		135	69	21.30	21.46	21.48	21.32	22.50
100		135	138	21.19	21.21	21.38	21.25	22.50
100		270	0	21.21	21.21	21.36	21.17	22.50
100	16QAM	1	1	21.21	21.21	21.38	21.23	22.50
100	64QAM	1	1	21.21	21.26	21.40	21.27	22.50
100	256QAM	1	1	21.23	21.23	21.37	21.24	22.50

<FR1 n77_Ant 7+5_PC1.5 DSI 2>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	24.50	24.61	24.65	24.45	25.50
100		1	137	24.15	24.28	24.35	24.05	25.50
100		1	271	24.05	24.07	24.26	24.12	25.50
100		135	0	24.35	24.29	24.37	24.23	25.50
100		135	69	24.55	24.57	24.62	24.52	25.50
100		135	138	24.13	24.06	24.20	24.13	25.50
100		270	0	24.35	24.33	24.48	24.31	25.50
100	QPSK	1	1	24.30	24.45	24.58	24.40	25.50
100		1	137	24.22	24.23	24.33	24.17	25.50
100		1	271	24.14	24.26	24.37	24.18	25.50
100		135	0	24.30	24.35	24.43	24.27	25.50
100		135	69	24.26	24.16	24.34	24.25	25.50
100		135	138	24.22	24.21	24.33	24.17	25.50
100		270	0	24.28	24.31	24.40	24.20	25.50

100	16QAM	1	1	24.38	24.45	24.52	24.36	25.50
100	64QAM	1	1	24.36	24.39	24.52	24.37	25.50
100	256QAM	1	1	24.41	24.38	24.46	24.33	25.50

<FR1 n77_Ant 7+5_HPUE DSI 3&7>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	21.50	21.52	21.58	21.44	23.40
100		1	137	21.38	21.33	21.45	21.40	23.40
100		1	271	21.38	21.35	21.50	21.37	23.40
100		135	0	21.43	21.36	21.50	21.48	23.40
100		135	69	21.46	21.53	21.57	21.41	23.40
100		135	138	21.36	21.35	21.48	21.35	23.40
100		270	0	21.41	21.42	21.52	21.45	23.40
100	QPSK	1	1	21.46	21.38	21.55	21.42	23.40
100		1	137	21.44	21.41	21.47	21.40	23.40
100		1	271	21.39	21.33	21.44	21.41	23.40
100		135	0	21.32	21.39	21.45	21.42	23.40
100		135	69	21.40	21.34	21.48	21.40	23.40
100		135	138	21.48	21.38	21.52	21.54	23.40
100		270	0	21.40	21.43	21.55	21.40	23.40
100	16QAM	1	1	21.43	21.40	21.55	21.36	23.40
100	64QAM	1	1	21.34	21.39	21.46	21.40	23.40
100	256QAM	1	1	21.04	21.09	21.24	21.10	22.80

<FR1 n77_Ant 7+5_PC1.5 DSI 3&7>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	24.56	24.60	24.63	24.48	26.40
100		1	137	24.39	24.50	24.60	24.34	26.40
100		1	271	24.40	24.50	24.60	24.41	26.40
100		135	0	24.39	24.42	24.54	24.39	26.40
100		135	69	24.54	24.47	24.61	24.54	26.40
100		135	138	24.38	24.35	24.52	24.37	26.40
100		270	0	24.36	24.34	24.45	24.39	26.40
100	QPSK	1	1	24.44	24.37	24.57	24.39	26.40
100		1	137	24.40	24.40	24.52	24.40	26.40
100		1	271	24.44	24.40	24.54	24.34	26.40
100		135	0	24.45	24.43	24.57	24.39	26.40
100		135	69	24.46	24.38	24.48	24.39	26.40

100		135	138	24.41	24.46	24.50	24.37	26.40
100		270	0	24.40	24.35	24.47	24.32	26.40
100	16QAM	1	1	24.39	24.41	24.53	24.39	26.40
100	64QAM	1	1	24.42	24.45	24.57	24.38	26.40
100	256QAM	1	1	24.50	24.44	24.59	24.38	26.20

<FR1 n77_Ant 7+5_HPUE DSI 6>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	26.07	26.03	26.11	26.02	27.00
100		1	137	25.77	25.72	25.91	25.72	27.00
100		1	271	25.81	25.83	25.94	25.75	27.00
100		135	0	25.46	25.41	25.58	25.42	26.50
100		135	69	26.01	25.88	26.03	25.89	27.00
100		135	138	25.49	25.42	25.58	25.40	26.50
100		270	0	25.43	25.42	25.55	25.35	26.50
100	QPSK	1	1	25.80	25.77	25.94	25.80	27.00
100		1	137	25.86	25.75	25.95	25.79	27.00
100		1	271	25.81	25.76	25.92	25.76	27.00
100		135	0	24.83	24.87	25.00	24.83	26.00
100		135	69	25.78	25.76	25.93	25.72	27.00
100		135	138	24.94	24.85	25.04	24.84	26.00
100		270	0	24.83	24.86	24.99	24.88	26.00
100	16QAM	1	1	24.98	24.95	25.10	24.98	26.00
100	64QAM	1	1	23.54	23.45	23.62	23.48	24.50
100	256QAM	1	1	21.37	21.35	21.51	21.40	22.50

<FR1 n77_Ant 7+5_PC1.5 DSI 6>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	29.03	29.04	29.12	29.04	30.00
100		1	137	28.72	28.80	28.94	28.74	30.00
100		1	271	28.66	28.72	28.85	28.71	30.00
100		135	0	28.33	28.38	28.52	28.36	29.50
100		135	69	29.01	28.92	29.07	28.93	30.00
100		135	138	27.86	27.82	27.98	27.84	29.50
100		270	0	28.34	28.36	28.50	28.36	29.50
100	QPSK	1	1	28.79	28.79	28.93	28.77	30.00
100		1	137	28.67	28.69	28.89	28.75	30.00
100		1	271	28.64	28.66	28.83	28.64	30.00

100		135	0	27.90	27.88	28.05	27.88	29.00
100		135	69	28.75	28.69	28.88	28.76	30.00
100		135	138	27.89	27.84	28.04	27.84	29.00
100		270	0	27.96	27.95	28.11	27.92	29.00
100	16QAM	1	1	27.87	27.93	28.08	27.94	29.00
100	64QAM	1	1	26.53	26.53	26.69	26.54	27.50
100	256QAM	1	1	24.54	24.51	24.66	24.44	25.50

<FR1 n77_Ant 4+5_HPUE Full Power&DSI 4>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	26.03	26.03	26.09	26.02	27.00
100		1	137	25.87	25.79	25.99	25.86	27.00
100		1	271	25.89	25.88	25.99	25.80	27.00
100		135	0	25.50	25.52	25.63	25.53	26.50
100		135	69	26.02	25.97	26.06	25.93	27.00
100		135	138	25.46	25.45	25.61	25.48	26.50
100		270	0	25.41	25.44	25.57	25.39	26.50
100	QPSK	1	1	25.86	25.93	26.04	25.89	27.00
100		1	137	25.92	25.86	26.03	25.90	27.00
100		1	271	25.86	25.78	25.98	25.84	27.00
100		135	0	24.92	24.93	25.06	24.88	26.00
100		135	69	25.80	25.82	25.96	25.76	27.00
100		135	138	24.96	24.92	25.07	24.87	26.00
100		270	0	24.88	24.99	25.08	24.99	26.00
100	16QAM	1	1	25.03	25.01	25.12	24.99	26.00
100	64QAM	1	1	23.53	23.52	23.68	23.56	24.50
100	256QAM	1	1	21.50	21.44	21.63	21.50	22.50

<FR1 n77_Ant 4+5_PC1.5 Full Power&DSI 4>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	29.03	29.04	29.10	29.04	30.00
100		1	137	28.72	28.80	28.85	28.76	30.00
100		1	271	28.66	28.72	28.80	28.73	30.00
100		135	0	28.33	28.38	28.44	28.37	29.50
100		135	69	29.01	28.92	29.04	28.93	30.00
100		135	138	27.86	27.82	27.95	27.80	29.50
100		270	0	28.34	28.36	28.44	28.37	29.50
100	QPSK	1	1	28.79	28.79	28.90	28.76	30.00

100		1	137	28.67	28.69	28.81	28.68	30.00
100		1	271	28.64	28.66	28.75	28.61	30.00
100		135	0	27.90	27.88	28.01	27.85	29.00
100		135	69	28.75	28.69	28.85	28.72	30.00
100		135	138	27.89	27.84	27.97	27.82	29.00
100		270	0	27.96	27.95	28.05	27.96	29.00
100	16QAM	1	1	27.87	27.93	27.99	27.92	29.00
100	64QAM	1	1	26.53	26.53	26.66	26.50	27.50
100	256QAM	1	1	24.54	24.51	24.63	24.45	25.50

<FR1 n77_Ant 4+5_HPUE DSI 2>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	20.04	20.06	20.12	20.01	20.70
100		1	137	19.90	19.93	19.98	19.84	20.70
100		1	271	19.85	19.92	20.06	19.93	20.70
100		135	0	19.72	19.78	19.93	19.75	20.70
100		135	69	20.04	20.10	20.11	19.89	20.70
100		135	138	19.86	19.86	20.04	19.86	20.70
100		270	0	19.89	19.93	20.01	19.89	20.70
100	QPSK	1	1	19.81	19.91	19.99	19.83	20.70
100		1	137	19.89	19.88	19.96	19.84	20.70
100		1	271	19.86	19.87	20.04	19.93	20.70
100		135	0	19.95	20.08	20.09	19.99	20.70
100		135	69	19.85	19.88	20.01	19.88	20.70
100		135	138	19.81	19.89	19.99	19.87	20.70
100		270	0	19.97	19.89	20.05	19.90	20.70
100	16QAM	1	1	19.72	19.89	19.97	19.88	20.70
100	64QAM	1	1	19.86	20.02	20.04	20.00	20.70
100	256QAM	1	1	19.68	19.93	19.96	19.83	20.70

<FR1 n77_Ant 4+5_PC1.5 DSI 2>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	22.93	22.91	22.96	22.88	23.70
100		1	137	22.82	22.86	22.86	22.74	23.70
100		1	271	22.79	22.78	22.88	22.72	23.70
100		135	0	22.70	22.70	22.80	22.64	23.70
100		135	69	22.80	22.87	22.88	22.90	23.70
100		135	138	22.80	22.77	22.81	22.79	23.70

100		270	0	22.80	22.72	22.81	22.72	23.70
100	QPSK	1	1	22.69	22.68	22.79	22.71	23.70
100		1	137	22.73	22.79	22.78	22.75	23.70
100		1	271	22.63	22.71	22.71	22.67	23.70
100		135	0	22.75	22.63	22.77	22.68	23.70
100		135	69	22.72	22.78	22.82	22.72	23.70
100		135	138	22.69	22.65	22.79	22.64	23.70
100		270	0	22.86	22.75	22.89	22.76	23.70
100		1	1	22.89	22.82	22.93	22.72	23.70
100	16QAM	1	1	22.77	22.67	22.83	22.68	23.70
100	64QAM	1	1	22.61	22.67	22.67	22.63	23.70
100	256QAM	1	1					

<FR1 n77_Ant 4+5_HPUE DSI 3&7>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	17.03	17.02	17.17	17.11	18.80
100		1	137	16.98	16.96	17.00	16.91	18.80
100		1	271	16.89	17.00	17.10	16.99	18.80
100		135	0	16.85	16.95	16.98	16.92	18.80
100		135	69	17.02	17.06	17.11	17.05	18.80
100		135	138	16.90	16.91	17.02	16.94	18.80
100		270	0	16.92	16.95	17.00	16.88	18.80
100		1	1	16.83	16.94	17.02	16.96	18.80
100	QPSK	1	137	16.91	16.93	17.01	16.89	18.80
100		1	271	16.93	16.87	17.04	16.92	18.80
100		135	0	16.90	17.07	17.05	16.99	18.80
100		135	69	16.97	16.88	17.03	16.97	18.80
100		135	138	16.89	16.90	17.05	16.94	18.80
100		270	0	16.96	16.98	17.13	16.99	18.80
100	16QAM	1	1	16.88	16.95	17.10	16.91	18.80
100	64QAM	1	1	16.90	16.96	17.03	17.02	18.80
100	256QAM	1	1	16.86	16.93	16.96	16.90	18.80

<FR1 n77_Ant 4+5_PC1.5 DSI 3&7>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	20.03	20.06	20.20	20.02	21.80
100		1	137	19.98	19.95	20.07	19.91	21.80
100		1	271	19.85	20.05	20.08	19.96	21.80
100		135	0	19.90	19.96	19.94	19.94	21.80

100		135	69	20.00	20.06	20.15	20.09	21.80
100		135	138	19.91	19.95	20.07	19.95	21.80
100		270	0	19.89	19.95	19.95	19.87	21.80
100	QPSK	1	1	19.80	19.93	20.00	19.94	21.80
100		1	137	19.91	19.95	20.00	19.91	21.80
100		1	271	19.88	19.88	19.99	19.92	21.80
100		135	0	19.92	20.07	20.01	19.93	21.80
100		135	69	19.92	19.90	20.03	19.97	21.80
100		135	138	19.87	19.92	20.08	19.95	21.80
100		270	0	19.97	19.96	20.10	20.00	21.80
100		270	0	19.97	19.96	20.10	20.00	21.80
100	16QAM	1	1	19.94	19.99	20.14	19.91	21.80
100	64QAM	1	1	19.96	19.99	20.04	19.98	21.80
100	256QAM	1	1	19.87	19.90	19.93	19.96	21.80

<FR1 n77_Ant 4+5_HPUE DSI 6>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	21.02	21.12	21.14	21.06	22.20
100		1	137	20.85	20.91	21.01	20.86	22.20
100		1	271	20.92	20.92	21.01	20.93	22.20
100		135	0	20.79	20.91	21.05	20.87	22.20
100		135	69	21.00	20.96	21.03	20.91	22.20
100		135	138	20.91	20.88	20.94	20.83	22.20
100		270	0	20.92	20.93	21.01	20.87	22.20
100	QPSK	1	1	20.91	20.92	21.07	20.86	22.20
100		1	137	20.99	20.89	21.05	20.91	22.20
100		1	271	20.94	20.97	21.01	20.92	22.20
100		135	0	20.82	20.87	20.96	20.88	22.20
100		135	69	20.94	20.92	21.00	20.97	22.20
100		135	138	20.81	20.88	21.06	20.90	22.20
100		270	0	20.96	20.94	21.01	20.86	22.20
100	16QAM	1	1	20.99	21.00	21.06	20.94	22.20
100	64QAM	1	1	20.87	20.92	21.07	20.88	22.20
100	256QAM	1	1	20.90	20.91	21.04	20.89	22.20

<FR1 n77_Ant 4+5_PC1.5 DSI 6>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	24.01	24.10	24.17	24.02	25.20
100		1	137	23.87	23.92	23.99	23.82	25.20
100		1	271	23.92	23.92	24.04	23.85	25.20
100		135	0	23.77	23.93	24.01	23.86	25.20
100		135	69	24.03	24.00	24.02	23.93	25.20
100		135	138	23.92	23.85	23.93	23.79	25.20
100		270	0	23.90	23.90	23.97	23.89	25.20
100	QPSK	1	1	23.93	23.91	24.12	23.81	25.20
100		1	137	24.00	23.86	24.08	23.89	25.20
100		1	271	23.90	23.98	24.01	23.94	25.20
100		135	0	23.85	23.85	23.93	23.92	25.20
100		135	69	23.88	23.93	23.97	23.98	25.20
100		135	138	23.83	23.88	24.05	23.94	25.20
100		270	0	23.92	23.94	23.96	23.86	25.20
100	16QAM	1	1	24.02	24.04	24.07	23.96	25.20
100	64QAM	1	1	23.89	23.91	24.10	23.92	25.20
100	256QAM	1	1	23.95	23.88	24.09	23.88	25.20

<Bluetooth Conducted Power>

【Bluetooth_Ant 3_Full Power】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	16.89	18.50	76.83
	39	2441	18.37	20.00	
	78	2480	16.60	18.50	
BR / EDR 2Mbps	0	2402	14.65	16.50	76.83
	39	2441	16.08	18.00	
	78	2480	14.44	16.00	
BR / EDR 3Mbps	0	2402	14.67	16.50	76.93
	39	2441	16.10	18.00	
	78	2480	14.40	16.00	
LE 125kbps	0	2402	12.05	14.00	82.47
	19	2440	12.79	14.00	
	39	2480	12.00	14.00	
LE 500kbps	0	2402	12.14	14.00	56.86
	19	2440	12.86	14.00	
	39	2480	12.09	14.00	
LE 1Mbps	0	2402	12.02	14.00	61.57
	19	2440	12.77	14.00	
	39	2480	12.00	14.00	
LE 2Mbps	0	2402	12.12	14.00	32.41
	19	2440	12.83	14.00	
	39	2480	12.07	14.00	
BT6.0 GFSK 1Mbps	2	2404	10.42	12.00	28.80
	38	2440	11.21	13.00	
	76	2478	10.45	12.00	
BT6.0 GFSK 2Mbps	2	2404	10.29	12.00	15.68
	38	2440	11.07	13.00	
	76	2478	10.32	12.00	
BT6.0 ASK 1Mbps	2	2404	14.04	16.00	7.36
	38	2440	14.17	16.00	
	76	2478	13.91	15.50	

【Bluetooth_Ant 3_DSI 2】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	16.89	18.50	76.83
	39	2441	18.37	20.00	
	78	2480	16.60	18.50	
BR / EDR 2Mbps	0	2402	14.65	16.50	76.83
	39	2441	16.08	18.00	
	78	2480	14.44	16.00	
BR / EDR 3Mbps	0	2402	14.67	16.50	76.93
	39	2441	16.10	18.00	
	78	2480	14.40	16.00	
LE 125kbps	0	2402	12.05	14.00	82.47
	19	2440	12.79	14.00	
	39	2480	12.00	14.00	
LE 500kbps	0	2402	12.14	14.00	56.86
	19	2440	12.86	14.00	
	39	2480	12.09	14.00	
LE 1Mbps	0	2402	12.02	14.00	61.57
	19	2440	12.77	14.00	
	39	2480	12.00	14.00	
LE 2Mbps	0	2402	12.12	14.00	32.41
	19	2440	12.83	14.00	
	39	2480	12.07	14.00	
BT6.0 GFSK 1Mbps	2	2404	10.42	12.00	100.00
	38	2440	11.21	13.00	
	76	2478	10.45	12.00	
BT6.0 GFSK 2Mbps	2	2404	10.29	12.00	100.00

BT6.0 ASK 1Mbps	38	2440	11.07	13.00	100.00
	76	2478	10.32	12.00	
	2	2404	14.04	16.00	
	38	2440	14.17	16.00	
	76	2478	13.91	15.50	

【Bluetooth_Ant 3_DSI 3】

			Ant 3		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	16.89	18.50	76.83
	39	2441	18.37	20.00	
	78	2480	16.60	18.50	
BR / EDR 2Mbps	0	2402	14.65	16.50	76.83
	39	2441	16.08	18.00	
	78	2480	14.44	16.00	
BR / EDR 3Mbps	0	2402	14.67	16.50	76.93
	39	2441	16.10	18.00	
	78	2480	14.40	16.00	
LE 125kbps	0	2402	12.05	14.00	82.47
	19	2440	12.79	14.00	
	39	2480	12.00	14.00	
LE 500kbps	0	2402	12.14	14.00	56.86
	19	2440	12.86	14.00	
	39	2480	12.09	14.00	
LE 1Mbps	0	2402	12.02	14.00	61.57
	19	2440	12.77	14.00	
	39	2480	12.00	14.00	
LE 2Mbps	0	2402	12.12	14.00	32.41
	19	2440	12.83	14.00	
	39	2480	12.07	14.00	
BT6.0 GFSK 1Mbps	2	2404	10.42	12.00	100.00
	38	2440	11.21	13.00	
	76	2478	10.45	12.00	
BT6.0 GFSK 2Mbps	2	2404	10.29	12.00	100.00
	38	2440	11.07	13.00	
	76	2478	10.32	12.00	
BT6.0 ASK 1Mbps	2	2404	14.04	16.00	100.00
	38	2440	14.17	16.00	
	76	2478	13.91	15.50	

【Bluetooth_Ant 3_DSI 4】

			Ant 3		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	16.89	18.50	76.83
	39	2441	18.37	20.00	
	78	2480	16.60	18.50	
BR / EDR 2Mbps	0	2402	14.65	16.50	76.83
	39	2441	16.08	18.00	
	78	2480	14.44	16.00	
BR / EDR 3Mbps	0	2402	14.67	16.50	76.93
	39	2441	16.10	18.00	
	78	2480	14.40	16.00	
LE 125kbps	0	2402	12.05	14.00	82.47
	19	2440	12.79	14.00	
	39	2480	12.00	14.00	
LE 500kbps	0	2402	12.14	14.00	56.86
	19	2440	12.86	14.00	
	39	2480	12.09	14.00	
LE 1Mbps	0	2402	12.02	14.00	61.57
	19	2440	12.77	14.00	
	39	2480	12.00	14.00	
LE 2Mbps	0	2402	12.12	14.00	32.41
	19	2440	12.83	14.00	
	39	2480	12.07	14.00	
BT6.0 GFSK 1Mbps	2	2404	10.42	12.00	100.00
	38	2440	11.21	13.00	
	76	2478	10.45	12.00	

BT6.0 GFSK 2Mbps	2	2404	10.29	12.00	100.00
	38	2440	11.07	13.00	
	76	2478	10.32	12.00	
BT6.0 ASK 1Mbps	2	2404	14.04	16.00	100.00
	38	2440	14.17	16.00	
	76	2478	13.91	15.50	

【Bluetooth_Ant 3_DSI 6】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	16.89	18.50	76.83
	39	2441	18.37	20.00	
	78	2480	16.60	18.50	
BR / EDR 2Mbps	0	2402	14.65	16.50	76.83
	39	2441	16.08	18.00	
	78	2480	14.44	16.00	
BR / EDR 3Mbps	0	2402	14.67	16.50	76.93
	39	2441	16.10	18.00	
	78	2480	14.40	16.00	
LE 125kbps	0	2402	12.05	14.00	82.47
	19	2440	12.79	14.00	
	39	2480	12.00	14.00	
LE 500kbps	0	2402	12.14	14.00	56.86
	19	2440	12.86	14.00	
	39	2480	12.09	14.00	
LE 1Mbps	0	2402	12.02	14.00	61.57
	19	2440	12.77	14.00	
	39	2480	12.00	14.00	
LE 2Mbps	0	2402	12.12	14.00	32.41
	19	2440	12.83	14.00	
	39	2480	12.07	14.00	
BT6.0 GFSK 1Mbps	2	2404	10.42	12.00	100.00
	38	2440	11.21	13.00	
	76	2478	10.45	12.00	
BT6.0 GFSK 2Mbps	2	2404	10.29	12.00	100.00
	38	2440	11.07	13.00	
	76	2478	10.32	12.00	
BT6.0 ASK 1Mbps	2	2404	14.04	16.00	100.00
	38	2440	14.17	16.00	
	76	2478	13.91	15.50	

【Bluetooth_Ant 3_DSI 7】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	16.89	18.50	76.83
	39	2441	18.37	20.00	
	78	2480	16.60	18.50	
BR / EDR 2Mbps	0	2402	14.65	16.50	76.83
	39	2441	16.08	18.00	
	78	2480	14.44	16.00	
BR / EDR 3Mbps	0	2402	14.67	16.50	76.93
	39	2441	16.10	18.00	
	78	2480	14.40	16.00	
LE 125kbps	0	2402	12.05	14.00	82.47
	19	2440	12.79	14.00	
	39	2480	12.00	14.00	
LE 500kbps	0	2402	12.14	14.00	56.86
	19	2440	12.86	14.00	
	39	2480	12.09	14.00	
LE 1Mbps	0	2402	12.02	14.00	61.57
	19	2440	12.77	14.00	
	39	2480	12.00	14.00	
LE 2Mbps	0	2402	12.12	14.00	32.41
	19	2440	12.83	14.00	
	39	2480	12.07	14.00	
BT6.0 GFSK 1Mbps	2	2404	10.42	12.00	100.00
	38	2440	11.21	13.00	