<FR1 n2_Ant 3_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	20.05	20.23	19.89	21.70
40		1	108	19.99	20.05	19.90	21.70
40		1	214	19.83	19.98	19.86	21.70
40		108	0	19.75	20.06	19.88	21.70
40		108	54	19.88	20.10	19.84	21.70
40		108	108	19.67	20.04	19.62	21.70
40		216	0	19.68	19.87	19.60	21.70
40		1	1	19.97	19.96	19.85	21.70
40		1	108	19.88	20.02	19.89	21.70
40		1	214	19.89	20.04	19.95	21.70
40	QPSK	108	0	19.91	20.10	19.95	21.70
40		108	54	19.92	20.08	19.89	21.70
40		108	108	19.86	19.95	19.83	21.70
40		216	0	19.93	19.91	19.94	21.70
40	16QAM	1	1	19.92	19.93	19.91	21.70
40	64QAM	1	1	19.91	20.00	19.98	21.70
40	256QAM	1	1	19.49	19.60	19.38	21.00
Channel				373000	376000	379000	
Frequency (MHz)				1867.5	1880	1892.5	Tune-up Limit (dBm)
35	PI/2 BPSK	1	1	19.90	20.14	19.76	21.70
Channel				372000	376000	379000	
Frequency (MHz)				1865	1880	1895	Tune-up Limit (dBm)
30	PI/2 BPSK	1	1	19.86	20.07	19.81	21.70
Channel				372500	376000	379500	
Frequency (MHz)				1862.5	1880	1897.5	Tune-up Limit (dBm)
25	PI/2 BPSK	1	1	19.86	20.11	19.82	21.70
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	19.88	20.08	19.76	21.70
Channel				371500	376000	380500	
Frequency (MHz)				1857.5	1880	1902.5	Tune-up Limit (dBm)
15	PI/2 BPSK	1	1	19.93	20.05	19.83	21.70
Channel				371000	376000	381000	
Frequency (MHz)				1855	1880	1905	Tune-up Limit (dBm)
10	PI/2 BPSK	1	1	19.89	20.07	19.79	21.70
Channel				370500	376000	381500	
Frequency (MHz)				1852.5	1880	1907.5	Tune-up Limit (dBm)
5	PI/2 BPSK	1	1	19.93	20.05	19.78	21.70

<FR1 n25_Ant 3_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				376000	376500	377000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	20.09	20.29	20.01	21.70
40		1	108	20.03	20.17	20.00	21.70
40		1	214	19.98	20.11	20.01	21.70
40		108	0	19.91	20.14	19.94	21.70
40		108	54	20.04	20.14	19.98	21.70
40		108	108	19.80	20.08	19.77	21.70
40		216	0	19.80	20.00	19.72	21.70
40		1	1	20.07	20.06	19.94	21.70
40		1	108	19.98	20.11	20.00	21.70
40		1	214	20.05	20.19	20.00	21.70
40	QPSK	108	0	20.06	20.16	20.05	21.70
40		108	54	20.03	20.12	19.95	21.70
40		108	108	20.01	20.05	19.98	21.70
40		216	0	20.04	20.02	19.99	21.70
40	16QAM	1	1	20.03	20.03	19.95	21.70
40	64QAM	1	1	19.99	20.11	20.02	21.70
40	256QAM	1	1	19.60	19.73	19.54	21.00
Channel				373300	376500	379500	
Frequency (MHz)				1867.5	1882.5	1897.5	Tune-up Limit (dBm)
35	PI/2 BPSK	1	1	19.89	20.12	19.83	21.70
Channel				373300	376500	380000	
Frequency (MHz)				1865	1882.5	1900	Tune-up Limit (dBm)
30	PI/2 BPSK	1	1	19.94	20.14	19.79	21.70
Channel				372500	376500	380500	
Frequency (MHz)				1862.5	1882.5	1902.5	Tune-up Limit (dBm)
25	PI/2 BPSK	1	1	19.85	20.04	19.75	21.70
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	19.94	20.04	19.84	21.70
Channel				371500	376500	381500	
Frequency (MHz)				1857.5	1882.5	1907.5	Tune-up Limit (dBm)
15	PI/2 BPSK	1	1	19.93	20.07	19.81	21.70
Channel				371000	376500	382000	
Frequency (MHz)				1855	1882.5	1910	Tune-up Limit (dBm)
10	PI/2 BPSK	1	1	19.84	20.09	19.77	21.70
Channel				370500	376500	382500	
Frequency (MHz)				1852.5	1882.5	1912.5	Tune-up Limit (dBm)
5	PI/2 BPSK	1	1	19.93	20.04	19.76	21.70

<FR1 n30_Ant 3_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10		1	1		22.15		23.00
10		1	26		22.11		23.00
10		1	50		22.01		23.00
10	PI/2 BPSK	25	0		22.06		23.00
10		25	14		22.11		23.00
10		25	27		22.04		23.00
10		50	0		21.96		23.00
10		1	1		22.06		23.00
10		1	26		22.08		23.00
10		1	50		22.05		23.00
10	QPSK	25	0		21.99		23.00
10		25	14		21.90		23.00
10		25	27		21.89		23.00
10		50	0		21.99		23.00
10	16QAM	1	1		21.96		23.00
10	64QAM	1	1		21.85		23.00
10	256QAM	1	1		19.91		21.00
Channel				461500	462000	462500	
Frequency (MHz)				2307.5	2310	2312.5	Tune-up Limit (dBm)
5	PI/2 BPSK	1	1	22.03	22.11	22.09	23.00

<FR1 n41_FCC_Ant 3_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.44	19.59	19.31	20.00
100		1	137	19.39	19.50	19.33	20.00
100		1	271	19.40	19.48	19.34	20.00
100	PI/2 BPSK	135	0	19.38	19.49	19.33	20.00
100		135	69	19.39	19.51	19.38	20.00
100		135	138	19.43	19.57	19.35	20.00
100		270	0	19.47	19.58	19.36	20.00
100		1	1	19.41	19.55	19.34	20.00
100		1	137	19.40	19.57	19.37	20.00
100		1	271	19.41	19.52	19.34	20.00
100	QPSK	135	0	19.38	19.53	19.37	20.00
100		135	69	19.43	19.54	19.39	20.00
100		135	138	19.39	19.49	19.31	20.00
100		270	0	19.41	19.50	19.36	20.00
100	16QAM	1	1	19.48	19.49	19.32	20.00
100	64QAM	1	1	19.47	19.50	19.27	20.00
100	256QAM	1	1	19.38	19.56	19.34	20.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.34	19.40	19.20	20.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.34	19.38	19.29	20.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.33	19.41	19.28	20.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.36	19.37	19.19	20.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.35	19.49	19.28	20.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.35	19.42	19.27	20.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.38	19.41	19.19	20.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.31	19.42	19.23	20.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.36	19.47	19.22	20.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.35	19.38	19.18	20.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.37	19.38	19.21	20.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.35	19.41	19.28	20.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.38	19.40	19.27	20.00

<FR1 n41_HPUE_FCC_Ant 3_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.42	22.65	22.27	23.00
100		1	137	22.36	22.48	22.29	23.00
100		1	271	22.35	22.46	22.28	23.00
100	PI/2 BPSK	135	0	22.36	22.45	22.36	23.00
100		135	69	22.39	22.56	22.39	23.00
100		135	138	22.41	22.61	22.38	23.00
100		270	0	22.51	22.52	22.36	23.00
100		1	1	22.40	22.60	22.35	23.00
100		1	137	22.35	22.57	22.38	23.00
100		1	271	22.44	22.48	22.37	23.00
100	QPSK	135	0	22.32	22.56	22.35	23.00
100		135	69	22.40	22.51	22.34	23.00
100		135	138	22.37	22.53	22.32	23.00
100		270	0	22.46	22.50	22.37	23.00
100	16QAM	1	1	22.49	22.44	22.27	23.00
100	64QAM	1	1	22.45	22.54	22.27	23.00
100	256QAM	1	1	22.35	22.57	22.37	23.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.34	22.47	22.25	23.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.29	22.46	22.18	23.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.36	22.48	22.15	23.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.37	22.44	22.16	23.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.32	22.50	22.22	23.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.39	22.53	22.16	23.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.37	22.54	22.16	23.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.40	22.51	22.16	23.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.37	22.45	22.20	23.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.35	22.47	22.16	23.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.30	22.48	22.22	23.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.34	22.50	22.19	23.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.36	22.52	22.15	23.00

<FR1 n48_Ant 3_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	19.64	19.65	19.29	20.90
40		1	53	19.13	19.23	19.00	20.90
40		1	104	19.11	19.25	19.03	20.90
40		50	0	19.21	19.26	19.03	20.90
40		50	28	19.44	19.50	19.27	20.90
40		50	56	18.98	19.11	18.98	20.90
40		100	0	19.07	19.19	19.04	20.90
40	QPSK	1	1	19.30	19.34	18.99	20.90
40		1	53	19.09	19.15	19.02	20.90
40		1	104	19.12	19.25	19.01	20.90
40		50	0	19.37	19.48	19.01	20.90
40		50	28	19.15	19.30	19.02	20.90
40		50	56	19.06	19.15	19.00	20.90
40		100	0	19.14	19.28	18.99	20.90
40	16QAM	1	1	19.20	19.31	18.98	20.90
40	64QAM	1	1	19.45	19.42	19.05	20.90
40	256QAM	1	1	19.39	19.43	19.00	20.90
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.57	19.64	19.15	20.90
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.58	19.61	19.19	20.90
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.56	19.54	19.16	20.90
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.49	19.51	19.16	20.90

<FR1 n77 (27Q)_Ant 3_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.57		20.10
100		1	137		18.10		20.10
100		1	271		18.27		20.10
100		135	0		18.33		20.10
100		135	69		18.40		20.10
100		135	138		18.26		20.10
100		270	0		18.13		20.10
100	QPSK	1	1		18.37		20.10
100		1	137		18.24		20.10
100		1	271		18.15		20.10
100		135	0		18.21		20.10
100		135	69		18.23		20.10
100		135	138		18.20		20.10
100		270	0		18.25		20.10
100	16QAM	1	1		18.42		20.10
100	64QAM	1	1		18.30		20.10
100	256QAM	1	1		18.21		20.10
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.31	18.24	18.29	20.10
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.29	18.23	18.27	20.10
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.28	18.23	18.26	20.10
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.30	18.22	18.26	20.10
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.29	18.21	18.27	20.10
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.29	18.21	18.27	20.10
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.28	18.21	18.27	20.10
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.28	18.22	18.28	20.10
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.28	18.23	18.25	20.10
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.28	18.21	18.26	20.10
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.26	18.22	18.26	20.10

<FR1 n77 (27Q)_HPUE_Ant 3_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.46		23.10
100		1	137		21.18		23.10
100		1	271		21.36		23.10
100		135	0		21.19		23.10
100		135	69		21.42		23.10
100		135	138		21.34		23.10
100		270	0		21.19		23.10
100	QPSK	1	1		21.22		23.10
100		1	137		21.22		23.10
100		1	271		21.36		23.10
100		135	0		21.13		23.10
100		135	69		21.25		23.10
100		135	138		21.24		23.10
100		270	0		21.20		23.10
100	16QAM	1	1		21.19		23.10
100	64QAM	1	1		21.22		23.10
100	256QAM	1	1		21.18		23.10
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.38	21.45	21.42	23.10
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.28	21.40	21.29	23.10
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.34	21.31	21.41	23.10
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.26	21.43	21.33	23.10
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.36	21.39	21.37	23.10
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.34	21.30	21.34	23.10
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.34	21.30	21.39	23.10
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.23	21.31	21.38	23.10
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.33	21.44	21.38	23.10
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.31	21.36	21.34	23.10
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.34	21.40	21.32	23.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low 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	18.18	18.37	18.81	18.24	20.10
100		1	137	18.17	18.14	18.20	18.23	20.10
100		1	271	18.18	18.18	18.22	18.23	20.10
100		135	0	18.10	18.13	18.11	18.15	20.10
100		135	69	18.17	18.23	18.34	18.23	20.10
100		135	138	18.13	18.10	18.14	18.16	20.10
100		270	0	18.16	18.19	18.23	18.22	20.10
100	QPSK	1	1	18.17	18.26	18.34	18.22	20.10
100		1	137	18.14	18.13	18.17	18.20	20.10
100		1	271	18.11	18.12	18.11	18.15	20.10
100		135	0	18.17	18.20	18.28	18.21	20.10
100		135	69	18.16	18.25	18.28	18.24	20.10
100		135	138	18.13	18.14	18.14	18.17	20.10
100		270	0	18.16	18.23	18.25	18.23	20.10
100	16QAM	1	1	18.16	18.29	18.36	18.22	20.10
100	64QAM	1	1	18.12	18.26	18.53	18.15	20.10
100	256QAM	1	1	18.11	18.23	18.54	18.14	20.10
Channel				649668	655500	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3935.01	
90	PI/2 BPSK	1	1	18.15	18.35	18.48	18.22	20.10
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	18.17	18.36	18.50	18.21	20.10
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.16	18.33	18.50	18.23	20.10
Channel				648668	655000	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	18.15	18.37	18.57	18.16	20.10
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	18.16	18.31	18.50	18.19	20.10
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.17	18.31	18.58	18.16	20.10
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	18.18	18.36	18.56	18.19	20.10
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	18.18	18.34	18.58	18.15	20.10
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	1	18.17	18.34	18.50	18.16	20.10
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	18.17	18.35	18.52	18.15	20.10
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.17	18.37	18.53	18.22	20.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low 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	21.48	21.21	21.53	21.40	23.10
100		1	137	21.20	21.24	21.13	21.20	23.10
100		1	271	21.28	21.18	21.41	21.30	23.10
100		135	0	21.12	21.24	21.13	21.20	23.10
100		135	69	21.32	21.28	21.48	21.42	23.10
100		135	138	21.25	21.27	21.36	21.36	23.10
100		270	0	21.20	21.17	21.22	21.19	23.10
100	QPSK	1	1	21.15	21.12	21.20	21.23	23.10
100		1	137	21.15	21.20	21.19	21.18	23.10
100		1	271	21.22	21.29	21.37	21.28	23.10
100		135	0	21.24	21.20	21.10	21.20	23.10
100		135	69	21.20	21.12	21.30	21.25	23.10
100		135	138	21.12	21.16	21.25	21.17	23.10
100		270	0	21.22	21.22	21.24	21.28	23.10
100	16QAM	1	1	21.11	21.13	21.16	21.29	23.10
100	64QAM	1	1	21.36	21.15	21.47	21.28	23.10
100	256QAM	1	1	21.39	21.10	21.41	21.31	23.10
Channel				649668	655500	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3935.01	
90	PI/2 BPSK	1	1	21.46	21.21	21.47	21.38	23.10
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	21.44	21.22	21.46	21.31	23.10
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.42	21.26	21.40	21.38	23.10
Channel				648668	655000	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	21.49	21.22	21.50	21.37	23.10
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	21.39	21.30	21.41	21.39	23.10
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.42	21.22	21.48	21.41	23.10
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	21.43	21.32	21.38	21.35	23.10
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	21.37	21.28	21.40	21.39	23.10
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	1	21.36	21.32	21.44	21.40	23.10
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	21.37	21.34	21.48	21.39	23.10
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.48	21.28	21.44	21.38	23.10

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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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.50		20.10
100		1	137		18.24		20.10
100		1	271		18.31		20.10
100		135	0		18.13		20.10
100		135	69		18.25		20.10
100		135	138		18.24		20.10
100		270	0		18.27		20.10
100	QPSK	1	1		18.41		20.10
100		1	137		18.11		20.10
100		1	271		18.19		20.10
100		135	0		18.28		20.10
100		135	69		18.12		20.10
100		135	138		18.21		20.10
100		270	0		18.22		20.10
100	16QAM	1	1		18.34		20.10
100	64QAM	1	1		18.17		20.10
100	256QAM	1	1		18.12		20.10
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.39	18.49	18.45	20.10
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.38	18.39	18.37	20.10
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.35	18.44	18.39	20.10
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.32	18.42	18.37	20.10
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.36	18.46	18.42	20.10
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.36	18.40	18.40	20.10
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.37	18.44	18.43	20.10
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.37	18.41	18.42	20.10
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.37	18.48	18.44	20.10
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.38	18.43	18.37	20.10
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.38	18.44	18.42	20.10

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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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.76		23.10
100		1	137		21.18		23.10
100		1	271		21.41		23.10
100		135	0		21.25		23.10
100		135	69		21.33		23.10
100		135	138		21.22		23.10
100		270	0		21.14		23.10
100	QPSK	1	1		21.60		23.10
100		1	137		21.10		23.10
100		1	271		21.45		23.10
100		135	0		21.30		23.10
100		135	69		21.18		23.10
100		135	138		21.15		23.10
100		270	0		21.35		23.10
100	16QAM	1	1		21.52		23.10
100	64QAM	1	1		21.50		23.10
100	256QAM	1	1		21.48		23.10
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.53	21.66	21.55	23.10
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.50	21.58	21.40	23.10
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.52	21.63	21.48	23.10
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.52	21.54	21.51	23.10
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.40	21.56	21.47	23.10
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.40	21.57	21.50	23.10
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.41	21.53	21.51	23.10
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.50	21.64	21.43	23.10
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.39	21.61	21.52	23.10
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.47	21.64	21.50	23.10
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.43	21.63	21.51	23.10

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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		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.58		20.10
100		1	137		18.12		20.10
100		1	271		18.36		20.10
100		135	0		18.20		20.10
100		135	69		18.31		20.10
100		135	138		18.20		20.10
100		270	0		18.14		20.10
100	QPSK	1	1		18.39		20.10
100		1	137		18.10		20.10
100		1	271		18.36		20.10
100		135	0		18.29		20.10
100		135	69		18.13		20.10
100		135	138		18.30		20.10
100		270	0		18.14		20.10
100	16QAM	1	1		18.37		20.10
100	64QAM	1	1		18.35		20.10
100	256QAM	1	1		18.39		20.10
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.52	18.55	18.38	20.10
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.50	18.52	18.33	20.10
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.48	18.51	18.36	20.10
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.50	18.49	18.36	20.10
Channel				648334	650000	651668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.48	18.54	18.35	20.10
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.47	18.53	18.34	20.10
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	18.44	18.46	18.31	20.10
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.50	18.48	18.34	20.10
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.51	18.45	18.32	20.10
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.42	18.48	18.34	20.10
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.46	18.48	18.31	20.10

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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		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.72		23.10
100		1	137		21.13		23.10
100		1	271		21.33		23.10
100		135	0		21.20		23.10
100		135	69		21.22		23.10
100		135	138		21.14		23.10
100		270	0		21.11		23.10
100	QPSK	1	1		21.42		23.10
100		1	137		21.10		23.10
100		1	271		21.28		23.10
100		135	0		21.20		23.10
100		135	69		21.10		23.10
100		135	138		21.11		23.10
100		270	0		21.25		23.10
100	16QAM	1	1		21.35		23.10
100	64QAM	1	1		21.34		23.10
100	256QAM	1	1		21.39		23.10
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.53	21.65	21.58	23.10
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.46	21.60	21.57	23.10
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.42	21.61	21.45	23.10
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.52	21.57	21.51	23.10
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.45	21.56	21.44	23.10
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.40	21.53	21.48	23.10
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.49	21.62	21.54	23.10
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.50	21.56	21.48	23.10
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.48	21.52	21.48	23.10
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.42	21.55	21.46	23.10
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.52	21.63	21.52	23.10

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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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	19.26	19.29	19.23	20.90
40		1	53	19.10	19.21	19.13	20.90
40		1	104	19.19	19.18	19.13	20.90
40	PI/2 BPSK	50	0	19.19	19.16	19.23	20.90
40		50	28	19.13	19.16	19.11	20.90
40		50	56	19.12	19.16	19.16	20.90
40		100	0	19.13	19.15	19.17	20.90
40		1	1	19.08	19.19	19.14	20.90
40		1	53	19.18	19.19	19.12	20.90
40		1	104	19.09	19.16	19.18	20.90
40	QPSK	50	0	19.08	19.19	19.15	20.90
40		50	28	19.10	19.21	19.16	20.90
40		50	56	19.12	19.22	19.11	20.90
40		100	0	19.15	19.15	19.18	20.90
40	16QAM	1	1	19.14	19.24	19.18	20.90
40	64QAM	1	1	19.11	19.20	19.11	20.90
40	256QAM	1	1	19.11	19.24	19.22	20.90
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.04	19.13	19.05	20.90
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.99	19.06	19.04	20.90
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.06	19.15	19.02	20.90
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.98	19.07	19.11	20.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		23.52		24.00
100		1	137		23.33		24.00
100		1	271		23.41		24.00
100	PI/2 BPSK	135	0		23.35		24.00
100		135	69		23.51		24.00
100		135	138		23.50		24.00
100		270	0		23.39		24.00
100		1	1		23.26		24.00
100		1	137		23.25		24.00
100		1	271		23.45		24.00
100	QPSK	135	0		23.28		24.00
100		135	69		23.29		24.00
100		135	138		23.51		24.00
100		270	0		23.38		24.00
100	16QAM	1	1		23.22		24.00
100	64QAM	1	1		21.75		23.00
100	256QAM	1	1		19.72		21.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.39	23.50	23.45	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.35	23.40	23.37	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.33	23.38	23.39	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.27	23.41	23.39	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.25	23.36	23.31	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.28	23.41	23.43	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.29	23.44	23.37	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.26	23.46	23.33	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.31	23.40	23.31	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.27	23.44	23.42	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.31	23.38	23.30	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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.56		27.00
100		1	137		26.38		27.00
100		1	271		26.55		27.00
100		135	0		26.33		27.00
100		135	69		26.41		27.00
100		135	138		26.40		27.00
100		270	0		26.43		27.00
100	QPSK	1	1		26.32		27.00
100		1	137		26.32		27.00
100		1	271		26.52		27.00
100		135	0		26.32		27.00
100		135	69		26.37		27.00
100		135	138		26.40		27.00
100		270	0		26.42		27.00
100	16QAM	1	1		26.11		27.00
100	64QAM	1	1		24.48		26.00
100	256QAM	1	1		22.32		24.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.50	26.55	26.52	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.38	26.51	26.49	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.37	26.48	26.48	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.37	26.50	26.45	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.37	26.47	26.44	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.38	26.45	26.41	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.43	26.52	26.50	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.46	26.53	26.50	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.38	26.46	26.39	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.45	26.52	26.42	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.49	26.45	26.48	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low 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	23.56	23.55	23.65	23.56	24.00
100		1	137	23.20	23.27	23.43	23.32	24.00
100		1	271	23.31	23.31	23.39	23.34	24.00
100		135	0	23.25	23.32	23.28	23.38	24.00
100		135	69	23.48	23.48	23.62	23.54	24.00
100		135	138	23.41	23.40	23.30	23.49	24.00
100		270	0	23.32	23.36	23.53	23.30	24.00
100	QPSK	1	1	23.23	23.22	23.34	23.18	24.00
100		1	137	23.26	23.22	23.37	23.20	24.00
100		1	271	23.43	23.41	23.61	23.47	24.00
100		135	0	23.16	23.19	23.39	23.27	24.00
100		135	69	23.18	23.19	23.41	23.25	24.00
100		135	138	23.40	23.52	23.64	23.46	24.00
100		270	0	23.35	23.35	23.47	23.31	24.00
100	16QAM	1	1	23.10	23.20	23.33	23.20	24.00
100	64QAM	1	1	21.60	21.71	21.82	21.59	23.00
100	256QAM	1	1	19.62	19.58	19.78	19.63	21.00
Channel				649668	655500	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3935.01	
90	PI/2 BPSK	1	1	23.52	23.44	23.63	23.39	24.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	23.51	23.52	23.54	23.44	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	23.52	23.46	23.58	23.41	24.00
Channel				648668	655000	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	23.54	23.48	23.55	23.40	24.00
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	23.44	23.53	23.59	23.48	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	23.42	23.40	23.55	23.39	24.00
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	23.53	23.53	23.55	23.51	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	23.43	23.50	23.64	23.42	24.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	1	23.53	23.43	23.60	23.44	24.00
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	23.49	23.49	23.62	23.43	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	23.43	23.52	23.54	23.49	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	26.60	26.65	26.71	26.64	27.00
100		1	137	26.20	26.26	26.42	26.22	27.00
100		1	271	26.44	26.55	26.66	26.46	27.00
100	PI/2 BPSK	135	0	26.16	26.28	26.41	26.22	27.00
100		135	69	26.25	26.34	26.50	26.30	27.00
100		135	138	26.21	26.28	26.47	26.31	27.00
100		270	0	26.45	26.39	26.58	26.39	27.00
100		1	1	26.26	26.24	26.42	26.29	27.00
100		1	137	26.29	26.28	26.43	26.31	27.00
100		1	271	26.45	26.46	26.62	26.53	27.00
100	QPSK	135	0	26.17	26.18	26.37	26.25	27.00
100		135	69	26.27	26.37	26.51	26.39	27.00
100		135	138	26.26	26.43	26.51	26.43	27.00
100		270	0	26.32	26.43	26.56	26.38	27.00
100	16QAM	1	1	26.00	26.01	26.18	25.99	27.00
100	64QAM	1	1	24.39	24.36	24.54	24.42	26.00
100	256QAM	1	1	22.29	22.27	22.45	22.34	24.00
Channel				649668	655500	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3935.01	
90	PI/2 BPSK	1	1	26.52	26.55	26.66	26.59	27.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	26.48	26.58	26.65	26.51	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	26.54	26.56	26.70	26.56	27.00
Channel				648668	655000	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	26.51	26.55	26.60	26.58	27.00
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	26.46	26.55	26.63	26.52	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	26.55	26.55	26.67	26.58	27.00
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	26.49	26.59	26.69	26.53	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	26.56	26.62	26.61	26.57	27.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	1	26.49	26.61	26.63	26.49	27.00
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	26.52	26.52	26.62	26.46	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	26.55	26.62	26.68	26.60	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					633332		
Frequency (MHz)					3499.98		
100		1	1		23.45		24.00
100		1	137		23.22		24.00
100		1	271		23.23		24.00
100	PI/2 BPSK	135	0		23.27		24.00
100		135	69		23.33		24.00
100		135	138		23.31		24.00
100		270	0		23.25		24.00
100		1	1		23.18		24.00
100		1	137		23.12		24.00
100		1	271		23.16		24.00
100	QPSK	135	0		23.14		24.00
100		135	69		23.18		24.00
100		135	138		23.23		24.00
100		270	0		23.29		24.00
100	16QAM	1	1		23.17		24.00
100	64QAM	1	1		21.62		23.00
100	256QAM	1	1		19.64		21.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.41	23.35	23.39	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.28	23.25	23.33	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.30	23.23	23.29	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.39	23.28	23.34	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.28	23.26	23.29	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.36	23.30	23.26	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.38	23.21	23.31	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.36	23.33	23.37	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.27	23.28	23.37	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.33	23.21	23.28	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.31	23.25	23.27	24.00

<FR1 n78 (27O)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.28		27.00
100		1	137		25.96		27.00
100		1	271		26.25		27.00
100		135	0		25.99		27.00
100		135	69		26.21		27.00
100		135	138		26.06		27.00
100		270	0		26.01		27.00
100	QPSK	1	1		25.97		27.00
100		1	137		25.98		27.00
100		1	271		26.27		27.00
100		135	0		25.97		27.00
100		135	69		26.01		27.00
100		135	138		26.02		27.00
100		270	0		26.09		27.00
100	16QAM	1	1		25.93		27.00
100	64QAM	1	1		25.21		26.00
100	256QAM	1	1		23.35		24.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.21	26.25	26.23	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.12	26.22	26.08	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.14	26.22	26.16	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.13	26.10	26.15	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.13	26.16	26.19	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.20	26.22	26.18	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.15	26.14	26.21	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.19	26.12	26.12	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.12	26.21	26.17	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.19	26.13	26.20	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.13	26.21	26.20	27.00

<FR1 n78 (27O)_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		23.45		24.00
100		1	137		23.08		24.00
100		1	271		23.27		24.00
100		135	0		23.27		24.00
100		135	69		23.30		24.00
100		135	138		23.19		24.00
100		270	0		23.18		24.00
100	QPSK	1	1		23.43		24.00
100		1	137		23.06		24.00
100		1	271		23.30		24.00
100		135	0		23.27		24.00
100		135	69		23.10		24.00
100		135	138		23.11		24.00
100		270	0		23.18		24.00
100	16QAM	1	1		23.29		24.00
100	64QAM	1	1		21.75		23.00
100	256QAM	1	1		19.76		21.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.36	23.44	23.40	24.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.25	23.39	23.38	24.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.30	23.33	23.25	24.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.28	23.32	23.33	24.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.24	23.39	23.29	24.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.34	23.34	23.33	24.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.24	23.34	23.35	24.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.31	23.36	23.30	24.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.31	23.35	23.28	24.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.28	23.39	23.30	24.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.27	23.37	23.34	24.00

<FR1 n78 (27O)_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		26.45		27.00
100		1	137		26.26		27.00
100		1	271		26.37		27.00
100		135	0		26.21		27.00
100		135	69		26.32		27.00
100		135	138		26.24		27.00
100		270	0		26.26		27.00
100	QPSK	1	1		26.42		27.00
100		1	137		26.14		27.00
100		1	271		26.32		27.00
100		135	0		26.24		27.00
100		135	69		26.15		27.00
100		135	138		26.19		27.00
100		270	0		26.26		27.00
100	16QAM	1	1		26.23		27.00
100	64QAM	1	1		24.44		26.00
100	256QAM	1	1		22.48		24.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.38	26.44	26.28	27.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.28	26.42	26.23	27.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.29	26.40	26.16	27.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.36	26.43	26.15	27.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.33	26.32	26.15	27.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.36	26.41	26.13	27.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.31	26.37	26.24	27.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	26.35	26.35	26.24	27.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.25	26.30	26.16	27.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.24	26.41	26.23	27.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.23	26.39	26.19	27.00

<FR1 n30_Ant 0_DSI 2> 0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		21.61		23.00
10		1	26		21.46		23.00
10		1	50		21.39		23.00
10		25	0		21.32		23.00
10		25	14		21.55		23.00
10		25	27		21.28		23.00
10		50	0		21.54		23.00
10	QPSK	1	1		21.39		23.00
10		1	26		21.35		23.00
10		1	50		21.37		23.00
10		25	0		21.33		23.00
10		25	14		21.21		23.00
10		25	27		21.33		23.00
10		50	0		21.34		23.00
10	16QAM	1	1		21.19		23.00
10	64QAM	1	1		20.53		23.00
10	256QAM	1	1		18.58		20.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.58	21.53	21.52	23.00

<FR1 n2_Ant 1_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	20.26	20.71	20.66	21.70
40		1	108	20.11	20.48	20.21	21.70
40		1	214	19.89	20.40	20.23	21.70
40	P/2 BPSK	108	0	19.96	20.33	20.17	21.70
40		108	54	20.18	20.71	20.33	21.70
40		108	108	19.94	20.48	20.20	21.70
40		216	0	20.09	20.39	20.19	21.70
40		1	1	20.68	20.34	20.68	21.70
40		1	108	20.09	20.39	20.30	21.70
40		1	214	19.88	20.37	20.18	21.70
40	QPSK	108	0	20.12	20.38	20.28	21.70
40		108	54	20.05	20.43	20.22	21.70
40		108	108	19.98	20.40	20.21	21.70
40		216	0	20.05	20.40	20.28	21.70
40	16QAM	1	1	20.06	20.50	20.20	21.70
40	64QAM	1	1	20.06	20.46	20.39	21.70
40	256QAM	1	1	19.42	19.90	19.42	21.00
Channel				374000	376000	378000	Tune-up Limit (dBm)
Frequency (MHz)				1847.5	1880	1852.5	
35	P/2 BPSK	1	1	20.21	20.66	20.42	21.70
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1863	1880	1880	
30	P/2 BPSK	1	1	20.21	20.58	20.65	21.70
Channel				373250	376000	378750	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	P/2 BPSK	1	1	20.19	20.53	20.28	21.70
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
20	P/2 BPSK	1	1	20.22	20.62	20.43	21.70
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1827.5	1880	1932.5	
15	P/2 BPSK	1	1	20.19	20.93	20.34	21.70
Channel				371250	376000	380750	Tune-up Limit (dBm)
Frequency (MHz)				1853	1880	1907	
10	P/2 BPSK	1	1	20.13	21.03	20.38	21.70
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1830.5	1880	1907.5	
5	P/2 BPSK	1	1	20.21	20.96	20.42	21.70

<FR1 n25_Ant 1_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	20.27	20.79	20.58	21.70
40		1	108	20.17	20.60	20.45	21.70
40		1	214	20.01	20.59	20.20	21.70
40	P/2 BPSK	108	0	20.00	20.60	20.22	21.70
40		108	54	20.24	20.78	20.46	21.70
40		108	108	20.06	20.54	20.27	21.70
40		216	0	20.19	20.59	20.27	21.70
40		1	1	20.76	20.49	20.23	21.70
40		1	108	20.20	20.68	20.42	21.70
40		1	214	20.03	20.49	20.23	21.70
40	QPSK	108	0	20.20	20.64	20.31	21.70
40		108	54	20.10	20.48	20.32	21.70
40		108	108	20.07	20.52	20.29	21.70
40		216	0	20.10	20.58	20.33	21.70
40	16QAM	1	1	20.19	20.68	20.34	21.70
40	64QAM	1	1	20.22	20.68	20.45	21.70
40	256QAM	1	1	19.56	19.59	19.51	21.00
Channel				374000	376500	379000	Tune-up Limit (dBm)
Frequency (MHz)				1847.5	1882.5	1917.5	
35	P/2 BPSK	1	1	20.23	20.67	20.32	21.70
Channel				373500	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1863	1882.5	1902.5	
30	P/2 BPSK	1	1	20.21	20.73	20.48	21.70
Channel				373250	376500	379750	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	P/2 BPSK	1	1	20.26	20.66	20.43	21.70
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
20	P/2 BPSK	1	1	20.36	20.74	20.47	21.70
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1827.5	1882.5	1937.5	
15	P/2 BPSK	1	1	20.32	20.69	20.51	21.70
Channel				371250	376500	381750	Tune-up Limit (dBm)
Frequency (MHz)				1853	1882.5	1912	
10	P/2 BPSK	1	1	20.27	20.67	20.49	21.70
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1802.5	1882.5	1412.5	
5	P/2 BPSK	1	1	20.32	20.63	20.47	21.70

<FR1 n7_Ant 1_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505300	507000	508700	
Frequency (MHz)				2530	2535	2540	
50		1	1	20.68	20.72	20.98	22.50
50		1	133	20.68	20.63	20.44	22.50
50		1	268	20.60	20.69	20.69	22.50
50	P/2 BPSK	135	0	20.62	20.70	20.71	22.50
50		135	68	20.60	20.60	20.60	22.50
50		135	135	20.65	20.60	20.60	22.50
50		270	0	20.66	20.62	20.67	22.50
50		1	1	20.66	20.70	20.94	22.50
50		1	133	20.62	20.66	20.65	22.50
50		1	268	20.68	20.68	20.62	22.50
50	QPSK	135	0	20.66	20.60	20.71	22.50
50		135	68	20.68	20.60	20.59	22.50
50		135	135	20.64	20.67	20.60	22.50
50		270	0	20.68	20.68	20.70	22.50
50	16QAM	1	1	20.58	20.66	20.66	22.50
50	64QAM	1	1	20.67	20.66	20.66	22.50
50	256QAM	1	1	19.05	18.70	19.03	21.00
Channel				504300	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2523	2535	2550	
40	P/2 BPSK	1	1	20.66	20.66	20.56	22.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	P/2 BPSK	1	1	20.67	20.65	20.60	22.50
Channel				503700	507000	510300	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	P/2 BPSK	1	1	20.58	20.61	20.65	22.50
Channel				503400	507000	510600	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	P/2 BPSK	1	1	20.66	20.66	20.56	22.50
Channel				503100	507000	510900	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	P/2 BPSK	1	1	20.57	20.66	20.64	22.50
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2497.5	2535	2572.5	
15	P/2 BPSK	1	1	20.58	20.62	20.59	22.50
Channel				501750	507000	512250	Tune-up Limit (dBm)
Frequency (MHz)				2485	2535	2585	
10	P/2 BPSK	1	1	20.66	20.62	20.66	22.50
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2447.5	2535	2597.5	
5	P/2 BPSK	1	1	20.58	20.61	20.58	22.50

<FR1 n39_Ant 1_DSI 2> 3+1&0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462500		
Frequency (MHz)					2315		
10		1	1		21.48		23.50
10		1	26		21.48		23.50
10		1	49		21.36		23.50
10	P/2 BPSK	25	0		21.39		23.50
10		25	14		21.39		23.50
10		25	27		21.30		23.50
10		50	0		21.34		23.50
10		1	1		21.26		23.50
10		1	26		21.42		23.50
10		1	49		21.27		23.50
10	QPSK	25	0		21.24		23.50
10		25	14		21.22		23.50
10		25	27		21.31		23.50
10		50	0		21.16		23.50
10	16QAM	1	1		21.33		23.50
10	64QAM	1	1		20.58		21.50
10	256QAM	1	1		18.55		19.50
Channel				461000	462500	464000	Tune-up Limit (dBm)
Frequency (MHz)				2311.5	2315	2318.5	
5	P/2 BPSK	1	1	21.38	21.35	21.32	23.50

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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				506202	518598	530600	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.22	19.41	19.11	20.00
100		1	137	19.13	19.36	19.11	20.00
100		1	271	19.15	19.32	19.11	20.00
100	PI/2 BPSK	135	0	19.19	19.28	19.06	20.00
100		135	69	19.19	19.36	19.08	20.00
100		135	138	19.22	19.32	19.03	20.00
100		270	0	19.15	19.34	19.07	20.00
100		1	1	19.19	19.36	19.03	20.00
100		1	137	19.21	19.31	19.06	20.00
100		1	271	19.21	19.38	19.06	20.00
100	QPSK	135	0	19.15	19.27	19.10	20.00
100		135	69	19.15	19.33	19.06	20.00
100		135	138	19.14	19.37	19.09	20.00
100		270	0	19.18	19.33	19.03	20.00
100	16QAM	1	1	19.17	19.35	19.08	20.00
100	64QAM	1	1	19.22	19.35	19.06	20.00
100	256QAM	1	1	19.25	19.29	19.04	20.00
Channel				506200	518598	530996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.11	19.28	18.94	20.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.10	19.26	18.99	20.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.15	19.27	18.98	20.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.11	19.21	19.02	20.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.14	19.26	18.98	20.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.07	19.25	18.97	20.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.04	19.17	18.94	20.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.11	19.26	19.03	20.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.08	19.28	18.95	20.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.12	19.22	19.02	20.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.07	19.20	19.01	20.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.10	19.22	18.92	20.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.09	19.27	18.92	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				506202	518598	530600	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.13	22.41	22.03	23.00
100		1	137	22.22	22.31	22.12	23.00
100		1	271	22.21	22.28	22.05	23.00
100	PI/2 BPSK	135	0	22.20	22.38	22.11	23.00
100		135	69	22.19	22.39	22.09	23.00
100		135	138	22.22	22.29	22.02	23.00
100		270	0	22.16	22.34	22.02	23.00
100		1	1	22.21	22.33	22.03	23.00
100		1	137	22.14	22.35	22.06	23.00
100		1	271	22.13	22.32	22.08	23.00
100	QPSK	135	0	22.21	22.29	22.13	23.00
100		135	69	22.17	22.31	22.12	23.00
100		135	138	22.14	22.29	22.06	23.00
100		270	0	22.24	22.37	22.01	23.00
100	16QAM	1	1	22.15	22.39	22.02	23.00
100	64QAM	1	1	22.24	22.28	22.03	23.00
100	256QAM	1	1	22.24	22.31	22.08	23.00
Channel				506200	518598	530996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.04	22.17	22.01	23.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.12	22.18	21.96	23.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.06	22.20	21.93	23.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.05	22.28	21.99	23.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.05	22.24	21.93	23.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.07	22.21	21.94	23.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.14	22.23	21.95	23.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.10	22.29	22.02	23.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.13	22.25	21.93	23.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.10	22.23	21.97	23.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.07	22.28	21.96	23.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.07	22.28	21.98	23.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.08	22.23	21.98	23.00

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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				636000	641666	645332	
Frequency (MHz)				3570	3624.66	3674.98	
40		1	1	18.97	19.01	18.77	20.90
40		1	53	18.89	18.89	18.70	20.90
40		1	104	18.89	18.89	18.68	20.90
40	PI/2 BPSK	50	0	18.91	18.85	18.75	20.90
40		50	28	18.89	18.86	18.78	20.90
40		50	56	18.91	18.84	18.76	20.90
40		100	0	18.83	18.91	18.67	20.90
40		1	1	18.87	18.93	18.70	20.90
40		1	53	18.89	18.89	18.70	20.90
40		1	104	18.87	18.93	18.69	20.90
40	QPSK	50	0	18.88	18.85	18.74	20.90
40		50	28	18.89	18.93	18.73	20.90
40		50	56	18.84	18.85	18.74	20.90
40		100	0	18.92	18.84	18.72	20.90
40	16QAM	1	1	18.93	18.88	18.74	20.90
40	64QAM	1	1	18.92	18.91	18.67	20.90
40	256QAM	1	1	18.88	18.93	18.74	20.90
Channel				637568	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.66	3684.66	
30	PI/2 BPSK	1	1	18.79	18.78	18.64	20.90
Channel				637334	641666	645000	Tune-up Limit (dBm)
Frequency (MHz)				3563.01	3624.66	3690	
20	PI/2 BPSK	1	1	18.80	18.76	18.64	20.90
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3561.52	3624.66	3692.49	
15	PI/2 BPSK	1	1	18.77	18.79	18.58	20.90
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3560	3624.66	3694.98	
10	PI/2 BPSK	1	1	18.76	18.79	18.66	20.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		19.51		20.10
100		1	137		19.37		20.10
100	PI/2 BPSK	1	271		19.36		20.10
100		135	0		19.36		20.10
100		135	69		19.43		20.10
100		135	138		19.38		20.10
100		270	0		19.41		20.10
100		1	1		19.41		20.10
100		1	137		19.47		20.10
100		1	271		19.37		20.10
100	QPSK	135	0		19.38		20.10
100		135	69		19.45		20.10
100		135	138		19.45		20.10
100		270	0		19.40		20.10
100	16QAM	1	1		19.45		20.10
100	64QAM	1	1		19.37		20.10
100	256QAM	1	1		19.45		20.10
Channel				630000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
90	PI/2 BPSK	1	1	19.28	19.32	19.33	20.10
Channel				630958	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3535	
80	PI/2 BPSK	1	1	19.36	19.32	19.30	20.10
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3465.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.37	19.33	19.32	20.10
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3515.99	
60	PI/2 BPSK	1	1	19.29	19.26	19.31	20.10
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.29	19.36	19.26	20.10
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.32	19.34	19.34	20.10
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.36	19.26	19.29	20.10
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.27	19.32	19.26	20.10
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.30	19.35	19.28	20.10
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.33	19.30	19.34	20.10
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.35	19.31	19.35	20.10

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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					633332		
Frequency (MHz)					3499.98		
100		1	1		22.56		23.10
100		1	137		22.36		23.10
100	PI/2 BPSK	1	271		22.35		23.10
100		135	0		22.39		23.10
100		135	69		22.42		23.10
100		135	138		22.35		23.10
100		270	0		22.37		23.10
100		1	1		22.41		23.10
100		1	137		22.47		23.10
100		1	271		22.41		23.10
100	QPSK	135	0		22.33		23.10
100		135	69		22.51		23.10
100		135	138		22.44		23.10
100		270	0		22.37		23.10
100	16QAM	1	1		22.44		23.10
100	64QAM	1	1		22.38		23.10
100	256QAM	1	1		22.40		23.10
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
90	PI/2 BPSK	1	1	22.43	22.42	22.40	23.10
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3535	
80	PI/2 BPSK	1	1	22.40	22.36	22.45	23.10
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3465.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.40	22.45	22.46	23.10
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3515.99	
60	PI/2 BPSK	1	1	22.41	22.37	22.41	23.10
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.42	22.43	22.38	23.10
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.45	22.41	22.44	23.10
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.44	22.40	22.46	23.10
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.40	22.39	22.36	23.10
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.46	22.39	22.39	23.10
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.36	22.43	22.39	23.10
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.44	22.36	22.43	23.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Tune-up Limit (dBm)
Channel				630000	635668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	19.55	19.50	19.59	19.54	20.10
100		1	137	19.48	19.53	19.51	19.58	20.10
100	PI/2 BPSK	1	271	19.53	19.56	19.52	19.62	20.10
100		135	0	19.56	19.56	19.48	19.57	20.10
100		135	69	19.55	19.56	19.52	19.52	20.10
100		135	138	19.46	19.51	19.55	19.52	20.10
100		270	0	19.56	19.48	19.46	19.57	20.10
100		1	1	19.50	19.50	19.47	19.58	20.10
100		1	137	19.51	19.48	19.51	19.53	20.10
100		1	271	19.45	19.47	19.46	19.55	20.10
100	QPSK	135	0	19.55	19.48	19.53	19.62	20.10
100		135	69	19.54	19.46	19.47	19.53	20.10
100		135	138	19.49	19.47	19.48	19.58	20.10
100		270	0	19.49	19.51	19.55	19.53	20.10
100	16QAM	1	1	19.54	19.49	19.54	19.56	20.10
100	64QAM	1	1	19.53	19.48	19.51	19.51	20.10
100	256QAM	1	1	19.50	19.48	19.55	19.50	20.10
Channel				649958	655000	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3925.01	
90	PI/2 BPSK	1	1	19.47	19.45	19.55	19.40	20.10
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	19.39	19.45	19.46	19.37	20.10
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.41	19.39	19.45	19.43	20.10
Channel				648958	655000	661334	663334	20.1
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	19.46	19.42	19.46	19.46	20.10
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3723.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	19.51	19.40	19.51	19.39	20.10
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.41	19.38	19.52	19.40	20.10
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	19.40	19.39	19.54	19.46	20.10
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	19.46	19.40	19.50	19.36	20.10
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	1	19.45	19.44	19.50	19.45	20.10
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	19.43	19.45	19.47	19.39	20.10
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.44	19.34	19.50	19.41	20.10

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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	655968	661334	662000	
Frequency (MHz)				3750	3833.02	3920.01	3930	
100		1	1	22.59	22.52	22.62	22.58	23.10
100		1	137	22.51	22.49	22.53	22.33	23.10
100	PI/2 BPSK	1	271	22.52	22.51	22.46	22.62	23.10
100		135	0	22.59	22.53	22.51	22.56	23.10
100		135	69	22.51	22.56	22.57	22.49	23.10
100		135	138	22.41	22.46	22.55	22.53	23.10
100		270	0	22.53	22.51	22.44	22.55	23.10
100		1	1	22.48	22.52	22.41	22.55	23.10
100		1	137	22.56	22.50	22.56	22.51	23.10
100		1	271	22.50	22.45	22.41	22.60	23.10
100	QPSK	135	0	22.61	22.45	22.51	22.63	23.10
100		135	69	22.56	22.44	22.42	22.58	23.10
100		135	138	22.43	22.43	22.51	22.58	23.10
100		270	0	22.44	22.56	22.52	22.50	23.10
100	16QAM	1	1	22.59	22.51	22.55	22.61	23.10
100	64QAM	1	1	22.47	22.52	22.58	22.54	23.10
100	256QAM	1	1	22.55	22.42	22.58	22.55	23.10
Channel				649668	655500	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3812.5	3920.01	3930.01	
90	PI/2 BPSK	1	1	22.43	22.36	22.45	22.44	23.10
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3746.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	22.44	22.45	22.51	22.43	23.10
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.48	22.45	22.44	22.44	23.10
Channel				649668	655000	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	22.45	22.41	22.46	22.43	23.10
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3735.01	3822.51	3920.01	3960.02	
50	PI/2 BPSK	1	1	22.50	22.36	22.52	22.36	23.10
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3980	
40	PI/2 BPSK	1	1	22.48	22.44	22.45	22.39	23.10
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.52	3817.5	3920.01	3985.01	
30	PI/2 BPSK	1	1	22.46	22.45	22.54	22.43	23.10
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				37125	3816.27	3920.01	3987.5	
25	PI/2 BPSK	1	1	22.42	22.41	22.52	22.47	23.10
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3990.02	
20	PI/2 BPSK	1	1	22.51	22.39	22.51	22.45	23.10
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3992.51	
15	PI/2 BPSK	1	1	22.46	22.43	22.54	22.41	23.10
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.42	22.34	22.52	22.38	23.10

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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					633332		
Frequency (MHz)					3490.98		
100		1	1		19.28		20.10
100		1	137		19.23		20.10
100	PI/2 BPSK	1	271		19.18		20.10
100		135	0		19.22		20.10
100		135	69		19.22		20.10
100		135	138		19.17		20.10
100		270	0		19.17		20.10
100		1	1		19.24		20.10
100		1	137		19.22		20.10
100		1	271		19.14		20.10
100	QPSK	135	0		19.25		20.10
100		135	69		19.19		20.10
100		135	138		19.22		20.10
100		270	0		19.23		20.10
100	16QAM	1	1		19.23		20.10
100	64QAM	1	1		19.20		20.10
100	256QAM	1	1		19.15		20.10
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3485	3490.98	3504.99	
90	PI/2 BPSK	1	1	19.05	19.07	18.93	20.10
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3482.02	3490.98	3510	
80	PI/2 BPSK	1	1	19.04	19.14	18.95	20.10
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3480.01	3490.98	3514.98	
70	PI/2 BPSK	1	1	18.97	19.12	19.02	20.10
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3490.98	3519.99	
60	PI/2 BPSK	1	1	19.01	19.10	18.94	20.10
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3477.52	3490.98	3525	
50	PI/2 BPSK	1	1	19.04	19.03	19.02	20.10
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3475.01	3490.98	3529.98	
40	PI/2 BPSK	1	1	19.05	19.03	19.00	20.10
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3490.98	3534.99	
30	PI/2 BPSK	1	1	18.97	19.14	18.96	20.10
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3490.98	3537.48	
25	PI/2 BPSK	1	1	19.05	19.04	19.05	20.10
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3490.98	3540	
20	PI/2 BPSK	1	1	18.95	19.13	18.94	20.10
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3490.98	3542.49	
15	PI/2 BPSK	1	1	19.00	19.04	19.00	20.10
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3490.98	3544.98	
10	PI/2 BPSK	1	1	19.02	19.11	19.03	20.10

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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					633332		
Frequency (MHz)					3469.98		
100	PI/2 BPSK	1	1		22.33		23.10
100		1	137		22.19		23.10
100		1	271		22.25		23.10
100		135	0		22.17		23.10
100		135	69		22.24		23.10
100		135	138		22.28		23.10
100		270	0		22.13		23.10
100	QPSK	1	1		22.11		23.10
100		1	137		22.19		23.10
100		1	271		22.17		23.10
100		135	0		22.25		23.10
100		135	69		22.18		23.10
100		135	138		22.21		23.10
100		270	0		22.22		23.10
100	16QAM	1	1		22.23		23.10
100	64QAM	1	1		22.22		23.10
100	256QAM	1	1		22.27		23.10
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3469.98	3504.99	
90	PI/2 BPSK	1	1	22.10	22.16	22.09	23.10
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3462.02	3469.98	3476	
80	PI/2 BPSK	1	1	22.05	22.14	22.12	23.10
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3461.01	3469.98	3514.98	
70	PI/2 BPSK	1	1	22.13	22.19	22.06	23.10
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3469.98	3513.99	
60	PI/2 BPSK	1	1	22.16	22.22	22.07	23.10
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3471.02	3469.98	3525	
50	PI/2 BPSK	1	1	22.13	22.16	22.11	23.10
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3469.98	3523.98	
40	PI/2 BPSK	1	1	22.08	22.23	22.08	23.10
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3469.98	3534.99	
30	PI/2 BPSK	1	1	22.11	22.18	22.13	23.10
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3469.98	3537.48	
25	PI/2 BPSK	1	1	22.06	22.15	22.09	23.10
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3469.98	3540	
20	PI/2 BPSK	1	1	22.05	22.20	22.09	23.10
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3469.98	3542.49	
15	PI/2 BPSK	1	1	22.12	22.16	22.07	23.10
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3469.98	3544.98	
10	PI/2 BPSK	1	1	22.10	22.24	22.11	23.10

<FR1 n78 (27O)_Ant 1_DSI 2> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.28		20.10
100		1	137		19.17		20.10
100		1	271		19.21		20.10
100		135	0		19.24		20.10
100		135	69		19.21		20.10
100		135	138		19.21		20.10
100		270	0		19.16		20.10
100	QPSK	1	1		19.16		20.10
100		1	137		19.17		20.10
100		1	271		19.20		20.10
100		135	0		19.22		20.10
100		135	69		19.19		20.10
100		135	138		19.23		20.10
100		270	0		19.18		20.10
100	16QAM	1	1		19.20		20.10
100	64QAM	1	1		19.22		20.10
100	256QAM	1	1		19.18		20.10
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.96	19.13	19.05	20.10
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.01	19.06	19.01	20.10
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.06	19.12	18.96	20.10
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.04	19.14	19.00	20.10
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3728.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.01	19.08	18.93	20.10
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.00	19.06	19.03	20.10
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.04	19.12	19.02	20.10
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.95	19.06	18.98	20.10
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.98	19.09	19.03	20.10
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.94	19.11	18.94	20.10
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.01	19.10	19.03	20.10

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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		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.33		23.10
100		1	137		22.25		23.10
100		1	271		22.18		23.10
100		135	0		22.20		23.10
100		135	69		22.23		23.10
100		135	138		22.26		23.10
100		270	0		22.13		23.10
100	QPSK	1	1		22.22		23.10
100		1	137		22.21		23.10
100		1	271		22.17		23.10
100		135	0		22.28		23.10
100		135	69		22.16		23.10
100		135	138		22.13		23.10
100		270	0		22.27		23.10
100	16QAM	1	1		22.24		23.10
100	64QAM	1	1		22.22		23.10
100	256QAM	1	1		22.26		23.10
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.12	22.13	22.08	23.10
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.08	22.14	22.12	23.10
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.10	22.16	22.05	23.10
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.08	22.18	22.03	23.10
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3728.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.11	22.16	22.14	23.10
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.06	22.22	22.12	23.10
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.09	22.23	22.07	23.10
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.16	22.18	22.13	23.10
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.16	22.23	22.14	23.10
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.07	22.18	22.10	23.10
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.11	22.15	22.10	23.10

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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				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	17.15	17.17	16.99	18.20
40		1	108	16.84	16.99	16.81	18.20
40		1	214	16.91	17.05	16.97	18.20
40	PI/2 BPSK	108	0	16.93	16.94	16.93	18.20
40		108	54	17.11	17.16	16.88	18.20
40		108	108	16.94	17.05	16.81	18.20
40		216	0	16.77	16.98	16.74	18.20
40		1	1	16.94	17.06	16.85	18.20
40		1	108	16.94	16.95	16.79	18.20
40		1	214	16.95	17.03	17.02	18.20
40	QPSK	108	0	16.88	16.96	16.80	18.20
40		108	54	16.84	17.02	16.89	18.20
40		108	108	16.73	16.85	16.61	18.20
40		216	0	16.97	17.01	16.87	18.20
40	16QAM	1	1	16.81	16.96	16.88	18.20
40	64QAM	1	1	16.80	16.92	16.67	18.20
40	256QAM	1	1	16.76	16.87	16.81	18.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.06	17.00	16.94	18.20
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	17.00	17.06	16.93	18.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.01	17.07	16.93	18.20
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.03	17.09	16.88	18.20
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.06	17.04	16.98	18.20
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.02	17.08	16.98	18.20
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.96	17.00	16.88	18.20

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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				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	16.11	16.14	16.10	17.20
40		1	108	15.84	15.88	15.91	17.20
40		1	214	15.95	16.06	15.98	17.20
40	PI/2 BPSK	108	0	15.87	15.97	15.89	17.20
40		108	54	16.04	16.08	15.99	17.20
40		108	108	15.93	16.08	15.89	17.20
40		216	0	15.73	15.98	15.74	17.20
40		1	1	15.99	15.96	15.79	17.20
40		1	108	15.89	16.03	15.85	17.20
40		1	214	16.03	16.08	16.05	17.20
40	QPSK	108	0	15.85	16.05	15.87	17.20
40		108	54	15.88	16.02	15.91	17.20
40		108	108	15.62	15.78	15.53	17.20
40		216	0	15.94	16.09	15.92	17.20
40	16QAM	1	1	15.91	16.02	15.90	17.20
40	64QAM	1	1	15.87	16.01	15.64	17.20
40	256QAM	1	1	15.70	15.82	15.77	17.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.07	16.01	15.96	17.20
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	16.03	16.10	15.98	17.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.03	16.03	15.96	17.20
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.06	16.06	15.95	17.20
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.04	16.03	16.02	17.20
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.09	16.09	16.01	17.20
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.07	16.01	15.97	17.20

<FR1 n7_Ant 3_DSI 3> 3+2&3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	16.92	17.10	16.96	18.10
50		1	135	16.86	16.90	16.88	18.10
50		1	268	16.76	16.91	16.79	18.10
50	PI/2 BPSK	135	0	16.60	16.92	16.75	18.10
50		135	68	16.81	17.02	16.81	18.10
50		135	135	16.87	17.01	16.90	18.10
50		270	0	16.68	16.85	16.68	18.10
50		1	1	16.63	16.95	16.74	18.10
50		1	135	16.60	16.75	16.73	18.10
50		1	268	16.66	16.75	16.66	18.10
50	QPSK	135	0	16.71	16.88	16.60	18.10
50		135	68	16.69	16.80	16.60	18.10
50		135	135	16.69	16.87	16.73	18.10
50		270	0	16.68	16.85	16.69	18.10
50	16QAM	1	1	16.65	16.88	16.79	18.10
50	64QAM	1	1	16.79	16.87	16.70	18.10
50	256QAM	1	1	16.80	16.96	16.69	18.10
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.84	16.96	16.85	18.10
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	16.89	17.00	16.87	18.10
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	16.86	16.90	16.90	18.10
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	16.87	16.90	16.88	18.10
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.90	16.93	16.88	18.10
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	16.91	16.99	16.81	18.10
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	16.83	17.00	16.89	18.10
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	16.91	16.97	16.81	18.10

<FR1 n25_Ant 3_DSI 3> 3+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				376000	376500	377000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	17.22	17.24	17.13	18.20
40		1	108	16.95	17.06	16.93	18.20
40		1	214	17.02	17.16	17.03	18.20
40	PI/2 BPSK	108	0	17.06	17.08	17.02	18.20
40		108	54	17.15	17.24	17.03	18.20
40		108	108	17.01	17.17	16.95	18.20
40		216	0	16.88	17.13	16.86	18.20
40		1	1	17.04	17.15	16.93	18.20
40		1	108	16.99	17.09	16.93	18.20
40		1	214	17.07	17.16	17.07	18.20
40	QPSK	108	0	16.96	17.11	16.96	18.20
40		108	54	16.95	17.14	17.03	18.20
40		108	108	16.77	16.93	16.69	18.20
40		216	0	17.06	17.17	17.01	18.20
40	16QAM	1	1	16.94	17.09	16.95	18.20
40	64QAM	1	1	16.91	17.04	16.75	18.20
40	256QAM	1	1	16.88	16.97	16.89	18.20
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.12	17.16	17.01	18.20
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.13	17.13	16.98	18.20
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.10	17.20	17.05	18.20
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.06	17.18	17.05	18.20
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.13	17.21	17.00	18.20
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.16	17.16	17.05	18.20
Channel				370525	376500	382525	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.09	17.18	17.02	18.20

<FR1 n25_Ant 3_DSI 3> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	16.25	16.26	16.18	17.20
40		1	108	15.90	16.03	15.99	17.20
40		1	214	16.00	16.12	16.06	17.20
40	PI/2 BPSK	108	0	16.02	16.10	15.99	17.20
40		108	54	16.10	16.24	16.06	17.20
40		108	108	15.99	16.16	15.93	17.20
40		216	0	15.85	16.13	15.95	17.20
40		1	1	16.05	16.09	15.92	17.20
40		1	108	16.04	16.12	15.96	17.20
40		1	214	16.10	16.21	16.12	17.20
40	QPSK	108	0	15.97	16.15	15.97	17.20
40		108	54	15.94	16.14	16.06	17.20
40		108	108	15.76	15.90	15.68	17.20
40		216	0	16.05	16.14	15.99	17.20
40	16QAM	1	1	15.98	16.11	15.96	17.20
40	64QAM	1	1	15.97	16.06	15.69	17.20
40	256QAM	1	1	15.85	15.96	15.84	17.20
Channel				372500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.13	16.20	16.09	17.20
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.06	16.18	16.07	17.20
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.16	16.17	15.98	17.20
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.08	16.09	16.02	17.20
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	16.14	16.16	16.07	17.20
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.18	16.16	16.01	17.20
Channel				370525	376500	382525	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.07	16.09	16.08	17.20

<FR1 n30_Ant 3_DSI 3> 3+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					462000		
Frequency (MHz)					2310		
10		1	1		18.35		20.00
10		1	26		18.35		20.00
10		1	50		18.36		20.00
10	PI/2 BPSK	25	0		18.26		20.00
10		25	14		18.31		20.00
10		25	27		18.36		20.00
10		50	0		18.25		20.00
10		1	1		18.37		20.00
10		1	26		18.27		20.00
10		1	50		18.34		20.00
10	QPSK	25	0		18.29		20.00
10		25	14		18.36		20.00
10		25	27		18.31		20.00
10		50	0		18.29		20.00
10	16QAM	1	1		18.31		20.00
10	64QAM	1	1		18.37		20.00
10	256QAM	1	1		18.25		20.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.31	18.25	18.21	20.00

<FR1 n30_Ant 3_DSI 3> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		15.93		17.80
10		1	26		15.98		17.80
10		1	50		16.01		17.80
10		25	0		15.80		17.80
10		25	14		15.88		17.80
10		25	27		15.95		17.80
10		50	0		15.83		17.80
10	QPSK	1	1		15.98		17.80
10		1	26		15.82		17.80
10		1	50		15.94		17.80
10		25	0		15.92		17.80
10		25	14		15.97		17.80
10		25	27		15.96		17.80
10		50	0		15.87		17.80
10	16QAM	1	1		15.88		17.80
10	64QAM	1	1		15.94		17.80
10	256QAM	1	1		15.83		17.80
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	15.86	15.85	15.81	17.80

<FR1 n66_Ant 3_DSI 3> 3+2&3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.72	17.93	17.68	18.30
45		1	120	17.75	17.82	17.63	18.30
45		1	249	17.70	17.90	17.65	18.30
45		120	0	17.71	17.91	17.67	18.30
45		120	60	17.80	17.84	17.72	18.30
45		120	120	17.77	17.80	17.70	18.30
45		249	0	17.75	17.85	17.63	18.30
45	QPSK	1	1	17.77	17.91	17.67	18.30
45		1	120	17.71	17.85	17.74	18.30
45		1	249	17.70	17.85	17.66	18.30
45		120	0	17.80	17.89	17.65	18.30
45		120	60	17.77	17.90	17.66	18.30
45		120	120	17.71	17.88	17.64	18.30
45		249	0	17.76	17.92	17.65	18.30
45	16QAM	1	1	17.74	17.84	17.65	18.30
45	64QAM	1	1	17.73	17.91	17.74	18.30
45	256QAM	1	1	17.79	17.81	17.63	18.30
Channel				348500	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.60	17.70	17.81	18.30
Channel				343500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.64	17.75	17.84	18.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.70	17.76	17.54	18.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.63	17.73	17.52	18.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.68	17.74	17.54	18.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.70	17.76	17.55	18.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.71	17.72	17.53	18.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.68	17.80	17.54	18.30

<FR1 n41_FCC_Ant 3_DSI 3> 3+28.3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	530600	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.32	17.38	17.16	18.90
100		1	137	16.91	16.98	16.99	18.90
100		1	271	17.01	16.99	16.95	18.90
100		135	0	17.00	17.01	16.90	18.90
100		135	69	17.01	16.99	16.96	18.90
100		135	138	16.97	16.98	17.00	18.90
100		270	0	16.92	16.99	17.01	18.90
100	QPSK	1	1	17.22	17.27	17.03	18.90
100		1	137	17.19	17.19	17.02	18.90
100		1	271	17.22	17.28	17.11	18.90
100		135	0	17.21	17.26	17.05	18.90
100		135	69	17.12	17.38	16.98	18.90
100		135	138	17.17	17.20	16.94	18.90
100		270	0	17.24	17.22	16.99	18.90
100	16QAM	1	1	17.16	17.30	17.12	18.90
100	64QAM	1	1	17.22	17.31	16.96	18.90
100	256QAM	1	1	17.33	17.34	17.01	18.90
Channel				506200	518598	530996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.19	17.31	17.08	18.90
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.19	17.29	17.06	18.90
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2541.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.19	17.23	17.05	18.90
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.17	17.30	17.07	18.90
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.21	17.30	16.99	18.90
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.17	17.23	17.03	18.90
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.24	17.28	17.11	18.90
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.21	17.25	17.01	18.90
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.21	17.31	17.01	18.90
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.20	17.23	16.99	18.90
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.24	17.33	17.02	18.90
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.16	17.30	16.99	18.90
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.25	17.32	17.07	18.90

<FR1 n41_HPUE_FCC_Ant 3_DSI 3> 3+28.3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	530600	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.26	20.49	20.12	21.90
100		1	137	20.00	19.95	19.95	21.90
100		1	271	19.97	19.93	20.05	21.90
100		135	0	19.98	19.99	19.96	21.90
100		135	69	19.96	19.94	20.03	21.90
100		135	138	19.93	20.00	20.04	21.90
100		270	0	20.00	20.03	19.95	21.90
100	QPSK	1	1	20.17	20.30	20.07	21.90
100		1	137	20.26	20.20	20.04	21.90
100		1	271	20.22	20.31	20.07	21.90
100		135	0	20.19	20.32	20.09	21.90
100		135	69	20.14	20.34	19.97	21.90
100		135	138	20.23	20.30	19.99	21.90
100		270	0	20.28	20.20	20.07	21.90
100	16QAM	1	1	20.14	20.30	20.11	21.90
100	64QAM	1	1	20.19	20.41	20.08	21.90
100	256QAM	1	1	20.22	20.33	20.03	21.90
Channel				506200	518598	530996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.22	20.33	20.10	21.90
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.25	20.32	20.04	21.90
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2541.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.21	20.39	20.03	21.90
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.13	20.36	20.07	21.90
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.24	20.31	20.03	21.90
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.19	20.34	20.08	21.90
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.23	20.34	20.05	21.90
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.21	20.37	20.03	21.90
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.14	20.38	20.07	21.90
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.22	20.38	19.99	21.90
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.15	20.30	20.00	21.90
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.18	20.29	20.07	21.90
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.24	20.34	20.07	21.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636000	641666	645332	
Frequency (MHz)				3570	3624.66	3679.98	
40	PI/2 BPSK	1	1	17.18	17.39	17.32	18.70
40		1	53	16.78	16.89	16.77	18.70
40		1	104	16.77	16.76	16.80	18.70
40		50	0	16.96	17.00	16.75	18.70
40		50	28	16.97	17.06	16.80	18.70
40		50	56	16.82	16.84	16.73	18.70
40		100	0	16.86	16.88	16.84	18.70
40	QPSK	1	1	17.02	17.09	16.80	18.70
40		1	53	16.80	16.86	16.80	18.70
40		1	104	16.73	16.77	16.74	18.70
40		50	0	16.95	17.07	16.77	18.70
40		50	28	16.77	16.92	16.85	18.70
40		50	56	16.78	16.75	16.80	18.70
40		100	0	16.88	16.95	16.80	18.70
40	16QAM	1	1	16.98	17.01	16.74	18.70
40	64QAM	1	1	17.03	17.14	16.71	18.70
40	256QAM	1	1	17.11	17.03	16.77	18.70
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.66	3684.66	
30	PI/2 BPSK	1	1	17.13	17.35	17.23	18.70
Channel				637334	641666	645000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.66	3690	
20	PI/2 BPSK	1	1	17.13	17.32	17.22	18.70
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.66	3692.49	
15	PI/2 BPSK	1	1	17.14	17.33	17.23	18.70
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.66	3694.98	
10	PI/2 BPSK	1	1	17.10	17.26	17.19	18.70

<FR1 n77 (27Q)_Ant 3_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				633332			
Frequency (MHz)				3499.98			
100		1	1	15.55			16.60
100		1	137	15.06			16.60
100		1	271	15.17			16.60
100	PI/2 BPSK	135	0	15.15			16.60
100		135	69	15.43			16.60
100		135	138	15.20			16.60
100		270	0	15.18			16.60
100		1	1	15.40			16.60
100		1	137	15.62			16.60
100		1	271	15.19			16.60
100	QPSK	135	0	15.04			16.60
100		135	69	15.14			16.60
100		135	138	15.06			16.60
100		270	0	15.02			16.60
100	16QAM	1	1	15.14			16.60
100	64QAM	1	1	15.00			16.60
100	256QAM	1	1	15.11			16.60
Channel				632000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
90	PI/2 BPSK	1	1	15.45	15.44	15.41	16.60
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3467.02	3499.98	3533	
80	PI/2 BPSK	1	1	15.46	15.49	15.42	16.60
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3465.51	3499.98	3534.98	
70	PI/2 BPSK	1	1	15.49	15.40	15.43	16.60
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.48	15.39	15.44	16.60
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.41	15.41	15.40	16.60
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.44	15.45	15.50	16.60
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.45	15.40	15.43	16.60
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.42	15.47	15.43	16.60
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.47	15.49	15.50	16.60
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.43	15.42	15.50	16.60
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.45	15.47	15.43	16.60

<FR1 n77 (27Q)_HPUE_Ant 3_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				633332			
Frequency (MHz)				3499.98			
100		1	1	18.40			19.60
100		1	137	18.13			19.60
100		1	271	18.36			19.60
100	PI/2 BPSK	135	0	18.15			19.60
100		135	69	18.30			19.60
100		135	138	18.29			19.60
100		270	0	18.15			19.60
100		1	1	18.02			19.60
100		1	137	18.10			19.60
100		1	271	18.35			19.60
100	QPSK	135	0	17.98			19.60
100		135	69	18.19			19.60
100		135	138	18.17			19.60
100		270	0	18.08			19.60
100	16QAM	1	1	17.98			19.60
100	64QAM	1	1	18.14			19.60
100	256QAM	1	1	18.22			19.60
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
90	PI/2 BPSK	1	1	18.25	18.29	18.25	19.60
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3467.02	3499.98	3533	
80	PI/2 BPSK	1	1	18.23	18.28	18.25	19.60
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3465.51	3499.98	3534.98	
70	PI/2 BPSK	1	1	18.27	18.25	18.28	19.60
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.24	18.21	18.22	19.60
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.22	18.24	18.21	19.60
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.21	18.31	18.25	19.60
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.23	18.21	18.31	19.60
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.31	18.28	18.31	19.60
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.31	18.32	18.26	19.60
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.23	18.30	18.21	19.60
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.21	18.26	18.23	19.60

<FR1 n77 (27O)_Ant 3_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Tune-up Limit (dBm)
Channel				630000	655666	661334	662666	
Frequency (MHz)				3700	3835.02	3920.01	3930	
100		1	1	15.09	15.50	15.61	15.32	16.60
100		1	137	14.68	14.88	15.12	14.82	16.60
100		1	271	14.75	15.03	15.18	14.88	16.60
100	PI/2 BPSK	135	0	14.64	14.86	15.04	14.80	16.60
100		135	69	14.90	15.05	15.56	15.63	16.60
100		135	138	14.59	14.86	15.08	14.82	16.60
100		270	0	14.68	14.86	15.12	14.86	16.60
100		1	1	14.88	15.17	15.36	14.89	16.60
100		1	137	14.66	14.89	15.12	14.93	16.60
100		1	271	14.68	14.94	15.12	14.84	16.60
100	QPSK	135	0	14.68	15.03	15.20	14.84	16.60
100		135	69	14.78	14.87	15.14	14.82	16.60
100		135	138	14.66	15.02	15.22	14.91	16.60
100		270	0	14.81	15.03	15.35	14.84	16.60
100	16QAM	1	1	14.64	14.94	15.21	14.84	16.60
100	64QAM	1	1	14.96	15.38	15.60	15.22	16.60
100	256QAM	1	1	14.99	15.41	15.49	15.25	16.60
Channel				649668	655000	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3925.01	
90	PI/2 BPSK	1	1	15.07	15.35	15.53	15.20	16.60
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3833.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	15.01	15.29	15.53	15.19	16.60
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3730	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	15.07	15.33	15.55	15.26	16.60
Channel				648668	655000	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	15.08	15.31	15.57	15.22	16.60
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	15.02	15.31	15.53	15.19	16.60
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	15.05	15.33	15.49	15.26	16.60
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	15.02	15.33	15.49	15.23	16.60
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3815.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	15.03	15.40	15.55	15.24	16.60
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3813.51	3920.01	3970.02	
20	PI/2 BPSK	1	1	15.05	15.30	15.53	15.29	16.60
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3812.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	15.04	15.29	15.59	15.23	16.60
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	15.06	15.30	15.60	15.28	16.60

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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	650668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	18.50	18.24	18.56	18.46	19.60
100		1	137	18.03	17.97	18.14	18.01	19.60
100		1	271	18.24	18.08	18.38	18.28	19.60
100	PI/2 BPSK	135	0	18.05	17.86	18.15	18.09	19.60
100		135	69	18.45	18.16	18.46	18.41	19.60
100		135	138	18.35	18.06	18.42	18.27	19.60
100		270	0	17.94	17.83	18.12	18.11	19.60
100		1	1	18.07	17.83	18.14	18.12	19.60
100		1	137	18.24	17.85	18.19	18.03	19.60
100		1	271	18.33	18.04	18.40	18.27	19.60
100	QPSK	135	0	17.98	17.73	18.07	17.91	19.60
100		135	69	18.16	18.01	18.34	18.19	19.60
100		135	138	18.16	17.87	18.20	18.09	19.60
100		270	0	18.05	18.03	18.26	18.13	19.60
100	16QAM	1	1	18.05	17.83	18.19	18.04	19.60
100	64QAM	1	1	18.44	18.15	18.48	18.34	19.60
100	256QAM	1	1	17.98	17.76	18.09	17.82	19.60
Channel				648668	655500	661334	662314	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3929.91	
90	PI/2 BPSK	1	1	18.41	18.18	18.35	18.35	19.60
Channel				648334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3741.51	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	18.33	18.16	18.40	18.33	19.60
Channel				648000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.37	18.16	18.42	18.29	19.60
Channel				648668	655500	661334	663314	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3939.81	
60	PI/2 BPSK	1	1	18.41	18.14	18.38	18.38	19.60
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3741.51	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	18.41	18.18	18.40	18.35	19.60
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.45	18.15	18.39	18.36	19.60
Channel				647668	654500	661334	664314	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	18.36	18.17	18.44	18.31	19.60
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	18.41	18.22	18.37	18.39	19.60
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	1	18.36	18.20	18.45	18.30	19.60
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	18.42	18.16	18.43	18.35	19.60
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.44	18.20	18.47	18.29	19.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		15.43		16.60
100		1	137		14.51		16.60
100		1	271		14.89		16.60
100	PI/2 BPSK	135	0		14.72		16.60
100		135	69		14.83		16.60
100		135	138		14.82		16.60
100		270	0		14.83		16.60
100		1	1		15.08		16.60
100		1	137		14.71		16.60
100		1	271		15.03		16.60
100	QPSK	135	0		14.88		16.60
100		135	69		14.64		16.60
100		135	138		14.70		16.60
100		270	0		15.02		16.60
100	16QAM	1	1		15.10		16.60
100	64QAM	1	1		14.60		16.60
100	256QAM	1	1		14.79		16.60
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3509.99	
90	PI/2 BPSK	1	1	15.30	15.30	15.25	16.60
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3480.02	3499.98	3519	
80	PI/2 BPSK	1	1	15.33	15.33	15.27	16.60
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3483.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.29	15.24	15.34	16.60
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.29	15.32	15.24	16.60
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.26	15.32	15.32	16.60
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.31	15.25	15.31	16.60
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.23	15.28	15.22	16.60
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.25	15.22	15.33	16.60
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.23	15.24	15.33	16.60
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.30	15.24	15.25	16.60
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.29	15.26	15.28	16.60

<FR1 n78 (27O)_HPUE_Ant 3_DSI 3> 3+4

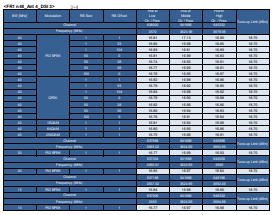
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Channel					636332		
Frequency (MHz)					3499.66		
100		1	1		18.34		19.60
100		1	137		17.59		19.60
100		1	271		18.03		19.60
100	PI/2 BPSK	135	0		17.69		19.60
100		135	69		17.95		19.60
100		135	138		17.80		19.60
100		270	0		17.83		19.60
100		1	1		18.23		19.60
100		1	137		17.71		19.60
100		1	271		18.03		19.60
100	QPSK	135	0		17.89		19.60
100		135	69		17.78		19.60
100		135	138		17.76		19.60
100		270	0		17.98		19.60
100	16QAM	1	1		18.10		19.60
100	64QAM	1	1		18.06		19.60
100	256QAM	1	1		18.15		19.60
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.66	3534.99	
90	PI/2 BPSK	1	1	18.33	18.25	18.30	19.60
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3462.02	3499.66	3539	
80	PI/2 BPSK	1	1	18.22	18.33	18.31	19.60
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3465.01	3499.66	3534.98	
70	PI/2 BPSK	1	1	18.23	18.31	18.29	19.60
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.66	3510.99	
60	PI/2 BPSK	1	1	18.26	18.31	18.32	19.60
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3457.02	3499.66	3525	
50	PI/2 BPSK	1	1	18.28	18.25	18.27	19.60
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.66	3502.98	
40	PI/2 BPSK	1	1	18.32	18.25	18.27	19.60
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.66	3534.99	
30	PI/2 BPSK	1	1	18.31	18.30	18.33	19.60
Channel				630634	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3482.51	3499.66	3537.48	
25	PI/2 BPSK	1	1	18.23	18.29	18.31	19.60
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3480.02	3499.66	3540	
20	PI/2 BPSK	1	1	18.25	18.23	18.26	19.60
Channel				630500	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3487.5	3499.66	3542.49	
15	PI/2 BPSK	1	1	18.26	18.25	18.26	19.60
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.66	3544.98	
10	PI/2 BPSK	1	1	18.32	18.29	18.24	19.60

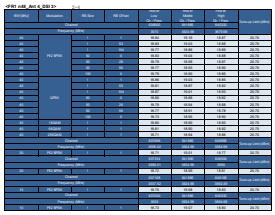
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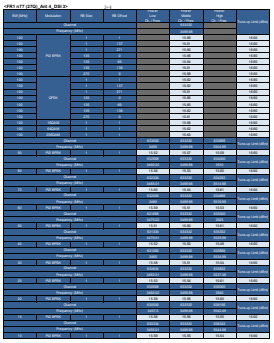
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		15.57		16.60
100		1	137		15.19		16.60
100	PI/2 BPSK	1	271		15.32		16.60
100		135	0		15.21		16.60
100		135	69		15.17		16.60
100		135	138		15.22		16.60
100		270	0		15.31		16.60
100		1	1		15.49		16.60
100		1	137		15.03		16.60
100		1	271		15.37		16.60
100	QPSK	135	0		15.17		16.60
100		135	69		15.06		16.60
100		135	138		15.19		16.60
100		270	0		15.16		16.60
100	16QAM	1	1		15.26		16.60
100	64QAM	1	1		15.33		16.60
100	256QAM	1	1		15.30		16.60
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.52	15.48	15.54	16.60
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3742.01	3750	3758.99	
80	PI/2 BPSK	1	1	15.47	15.51	15.48	16.60
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	15.51	15.48	15.47	16.60
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	15.43	15.50	15.52	16.60
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.53	15.53	15.43	16.60
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	15.46	15.48	15.43	16.60
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	15.44	15.43	15.45	16.60
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	15.46	15.51	15.51	16.60
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.46	15.45	15.53	16.60
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.52	15.45	15.43	16.60
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.50	15.48	15.49	16.60

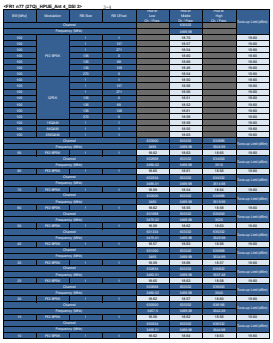
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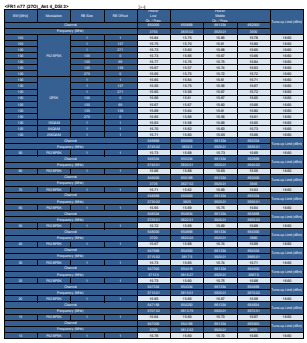
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		18.41		19.60
100		1	137		17.88		19.60
100		1	271		18.05		19.60
100	PI/2 BPSK	135	0		17.86		19.60
100		135	69		17.92		19.60
100		135	138		17.86		19.60
100		270	0		17.77		19.60
100		1	1		18.10		19.60
100		1	137		17.82		19.60
100		1	271		18.08		19.60
100	QPSK	135	0		17.94		19.60
100		135	69		17.88		19.60
100		135	138		17.74		19.60
100		270	0		17.95		19.60
100	16QAM	1	1		18.04		19.60
100	64QAM	1	1		18.06		19.60
100	256QAM	1	1		17.96		19.60
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.28	18.31	18.34	19.60
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.36	18.32	18.26	19.60
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.35	18.29	18.36	19.60
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.34	18.27	18.27	19.60
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.36	18.25	18.29	19.60
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.29	18.36	18.31	19.60
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	18.34	18.34	18.25	19.60
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.36	18.32	18.28	19.60
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.29	18.33	18.35	19.60
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.37	18.27	18.32	19.60
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.33	18.36	18.32	19.60

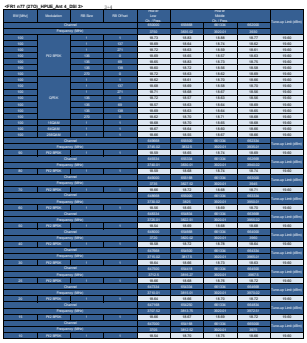


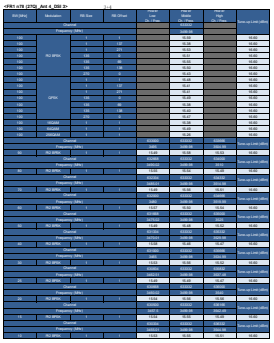


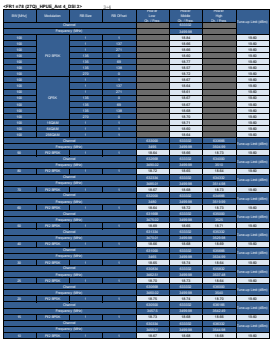


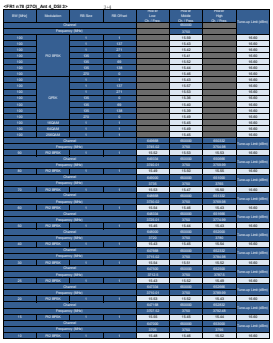


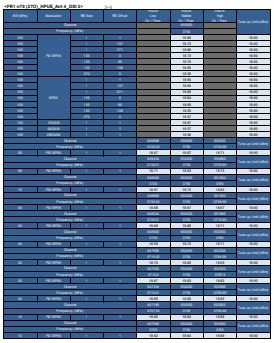


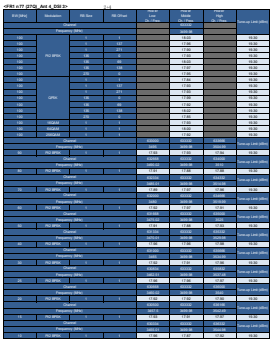


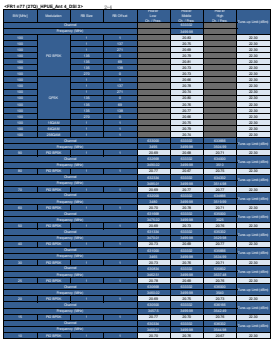


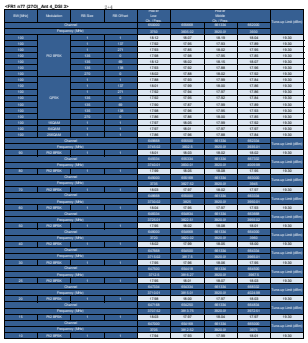


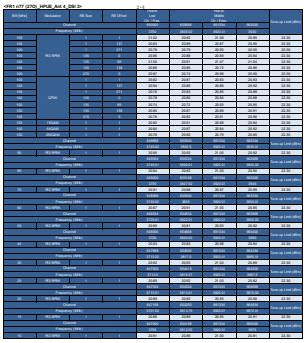


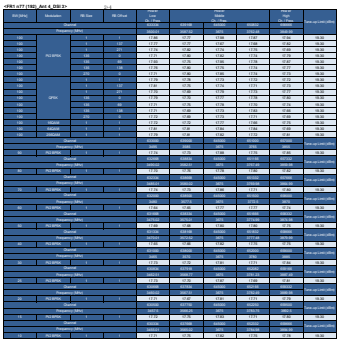


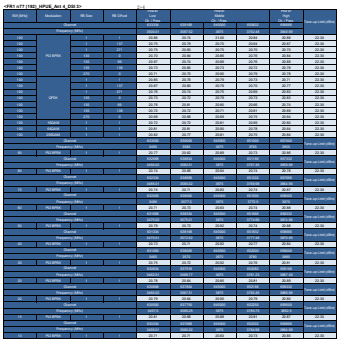


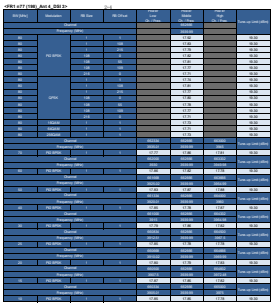


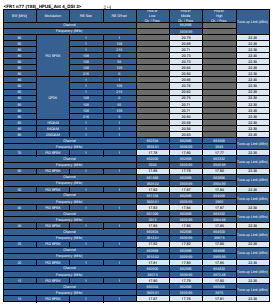


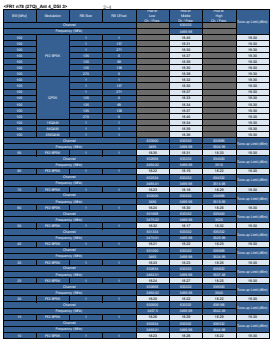


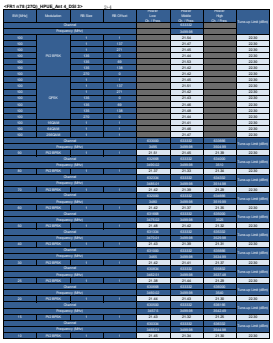


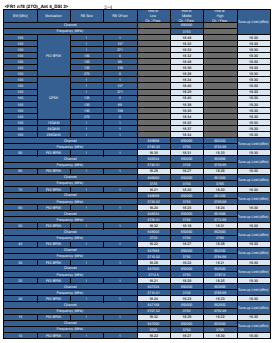


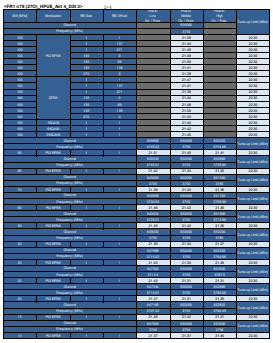












<FR1 n2_Ant 2_DSI 7> 3*2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	17.33	17.66	17.48	18.20
40		1	108	17.30	17.41	17.29	18.20
40		1	214	17.32	17.27	17.33	18.20
40	PI/2 BPSK	108	0	17.28	17.32	17.38	18.20
40		108	54	17.27	17.32	17.25	18.20
40		108	108	17.39	17.38	17.25	18.20
40		216	0	17.38	17.33	17.23	18.20
40		1	1	17.35	17.29	17.33	18.20
40		1	108	17.24	17.39	17.34	18.20
40		1	214	17.38	17.31	17.34	18.20
40	QPSK	108	0	17.35	17.38	17.24	18.20
40		108	54	17.24	17.44	17.33	18.20
40		108	108	17.20	17.42	17.23	18.20
40		216	0	17.35	17.40	17.34	18.20
40	16QAM	1	1	17.24	17.30	17.28	18.20
40	64QAM	1	1	17.26	17.29	17.21	18.20
40	256QAM	1	1	17.31	17.35	17.30	18.20
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.31	17.32	17.24	18.20
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	17.33	17.36	17.29	18.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.29	17.36	17.17	18.20
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.27	17.37	17.23	18.20
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.25	17.30	17.23	18.20
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.25	17.36	17.20	18.20
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.26	17.34	17.28	18.20

<FR1 n25_Ant 2_DSI 7> 3*2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	17.50	17.69	17.57	18.20
40		1	108	17.45	17.40	17.33	18.20
40		1	214	17.48	17.41	17.41	18.20
40	PI/2 BPSK	108	0	17.39	17.40	17.41	18.20
40		108	54	17.38	17.46	17.30	18.20
40		108	108	17.54	17.40	17.39	18.20
40		216	0	17.45	17.44	17.28	18.20
40		1	1	17.46	17.44	17.44	18.20
40		1	108	17.39	17.55	17.41	18.20
40		1	214	17.46	17.41	17.40	18.20
40	QPSK	108	0	17.49	17.48	17.34	18.20
40		108	54	17.40	17.46	17.41	18.20
40		108	108	17.35	17.48	17.36	18.20
40		216	0	17.44	17.52	17.45	18.20
40	16QAM	1	1	17.39	17.41	17.42	18.20
40	64QAM	1	1	17.41	17.42	17.36	18.20
40	256QAM	1	1	17.47	17.46	17.33	18.20
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.33	17.45	17.34	18.20
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.41	17.39	17.34	18.20
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.37	17.48	17.31	18.20
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.45	17.51	17.30	18.20
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.41	17.42	17.37	18.20
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.44	17.40	17.37	18.20
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.40	17.40	17.36	18.20

<FR1 n7_Ant 2_DSI 3> 3*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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	17.85	18.06	17.84	18.10
50		1	135	17.60	17.86	17.59	18.10
50		1	269	17.69	17.90	17.65	18.10
50	PI/2 BPSK	135	0	17.76	17.95	17.77	18.10
50		135	68	17.80	18.00	17.71	18.10
50		135	135	17.66	17.95	17.68	18.10
50		270	0	17.69	17.94	17.65	18.10
50		1	1	17.34	17.69	17.40	18.10
50		1	135	17.56	17.79	17.56	18.10
50		1	269	17.70	17.91	17.56	18.10
50	QPSK	135	0	17.61	17.88	17.76	18.10
50		135	68	17.51	17.78	17.56	18.10
50		135	135	17.62	17.78	17.64	18.10
50		270	0	17.65	17.89	17.60	18.10
50	16QAM	1	1	17.67	17.90	17.72	18.10
50	64QAM	1	1	17.56	17.80	17.52	18.10
50	256QAM	1	1	17.62	17.94	17.64	21.00
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.78	17.86	17.78	18.10
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	17.77	17.88	17.76	18.10
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	17.78	17.94	17.69	18.10
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.78	17.91	17.73	18.10
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.71	17.88	17.80	18.10
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.76	17.88	17.72	18.10
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.75	17.88	17.77	18.10
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.79	17.89	17.70	18.10

<FR1 n30_Ant 2_DSI 3> 3+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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.02		20.00
10		1	26		18.99		20.00
10		1	50		18.95		20.00
10		25	0		18.93		20.00
10		25	14		18.90		20.00
10		25	27		18.93		20.00
10		50	0		18.97		20.00
10	QPSK	1	1		18.91		20.00
10		1	26		18.90		20.00
10		1	50		18.93		20.00
10		25	0		18.99		20.00
10		25	14		18.97		20.00
10		25	27		18.98		20.00
10		50	0		18.94		20.00
10	16QAM	1	1		18.97		20.00
10	64QAM	1	1		18.96		20.00
10	256QAM	1	1		19.00		20.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.98	18.91	18.95	20.00

<FR1 n66_Ant 2_DSI 3> 3+2&0+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	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.77	17.95	17.79	18.30
45		1	120	17.78	17.87	17.86	18.30
45		1	240	17.73	17.93	17.88	18.30
45		120	0	17.75	17.88	17.86	18.30
45		120	60	17.76	17.88	17.90	18.30
45		120	120	17.73	17.90	17.90	18.30
45		240	0	17.71	17.90	17.89	18.30
45	QPSK	1	1	17.74	17.87	17.81	18.30
45		1	120	17.77	17.90	17.82	18.30
45		1	240	17.68	17.85	17.85	18.30
45		120	0	17.72	17.92	17.88	18.30
45		120	60	17.70	17.84	17.89	18.30
45		120	120	17.72	17.82	17.86	18.30
45		240	0	17.75	17.91	17.83	18.30
45	16QAM	1	1	17.68	17.88	17.84	18.30
45	64QAM	1	1	17.74	17.91	17.78	18.30
45	256QAM	1	1	17.77	17.89	17.88	18.30
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.69	17.84	17.74	18.30
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.68	17.79	17.74	18.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.65	17.77	17.79	18.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.68	17.73	17.76	18.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.58	17.79	17.74	18.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.64	17.79	17.78	18.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.66	17.79	17.77	18.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.64	17.83	17.68	18.30

<FR1 n41_FCC_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				606022	615666	628800	
Frequency [MHz]				2686.01	2690.66	2697	
100	PI/2 BPSK	1	1	17.54	17.45	17.35	18.50
100		1	137	17.55	17.51	17.50	18.50
100		1	271	17.49	17.38	17.38	18.50
100		136	0	17.55	17.41	17.40	18.50
100		136	68	17.55	17.50	17.53	18.50
100		136	136	17.53	17.50	17.55	18.50
100		270	0	17.26	17.35	17.39	18.50
100		1	1	17.53	17.50	17.53	18.50
100		1	137	17.55	17.50	17.59	18.50
100		1	272	17.52	17.52	17.54	18.50
100	QPSK	136	0	17.29	17.55	17.53	18.50
100		136	68	17.39	17.37	17.53	18.50
100		136	136	17.49	17.38	17.28	18.50
100		270	0	17.32	17.37	17.37	18.50
100	16QAM	1	1	17.52	17.52	17.59	18.50
100	64QAM	1	1	17.50	17.38	17.28	18.50
100	256QAM	1	1	17.54	17.38	17.28	18.50
Channel				606022	615666	628800	Tune-up Limit [dBm]
Frequency [MHz]				2686.01	2690.66	2697	
90	PI/2 BPSK	1	1	17.79	17.21	17.19	18.50
Channel				607318	616000	628988	Tune-up Limit [dBm]
Frequency [MHz]				2636.32	2640.34	2628.98	
90	PI/2 BPSK	1	1	17.85	17.21	17.29	18.50
Channel				606022	615666	641000	Tune-up Limit [dBm]
Frequency [MHz]				2621.01	2633.99	2653	
70	PI/2 BPSK	1	1	17.20	17.19	17.22	18.50
Channel				606022	615666	641000	Tune-up Limit [dBm]
Frequency [MHz]				2686	2690.66	2698.98	
60	PI/2 BPSK	1	1	17.19	17.26	17.27	18.50
Channel				606264	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2641.64	2653.66	2666.36	
50	PI/2 BPSK	1	1	17.17	17.27	17.29	18.50
Channel				606264	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2616.3	2634.66	2647.36	
40	PI/2 BPSK	1	1	17.22	17.23	17.22	18.50
Channel				606264	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2616.64	2634.66	2647.36	
40	PI/2 BPSK	1	1	17.43	17.32	17.33	18.50
Channel				522724	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2613.32	2634.66	2647.36	
20	PI/2 BPSK	1	1	17.22	17.22	17.23	18.50
Channel				522724	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2613	2634.66	2647.36	
10	PI/2 BPSK	1	1	17.15	17.21	17.23	18.50
Channel				607702	616666	624600	Tune-up Limit [dBm]
Frequency [MHz]				2634.32	2653.34	2671.2	
20	PI/2 BPSK	1	1	17.19	17.35	17.29	18.50
Channel				521992	615666	624600	Tune-up Limit [dBm]
Frequency [MHz]				2636.32	2653.34	2671.2	
20	PI/2 BPSK	1	1	17.19	17.25	17.29	18.50
Channel				522700	615666	624600	Tune-up Limit [dBm]
Frequency [MHz]				2634.2	2653.34	2671.2	
15	PI/2 BPSK	1	1	17.59	17.29	17.23	18.50
Channel				522322	615666	627322	Tune-up Limit [dBm]
Frequency [MHz]				2637.37	2653.66	2669	
10	PI/2 BPSK	1	1	17.58	17.35	17.19	18.50

<FR1 n41_HPUE_FCC_Ant 2_DSI 3>

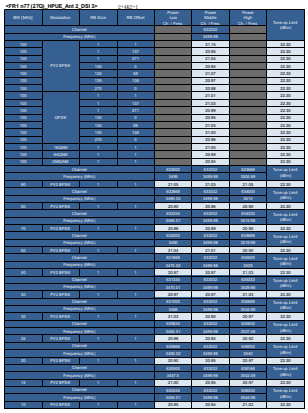
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				606022	615666	628800	
Frequency [MHz]				2686.01	2690.66	2697	
100	PI/2 BPSK	1	0	20.31	20.40	20.37	21.50
100		1	137	20.34	20.40	20.40	21.50
100		1	271	20.29	20.39	20.39	21.50
100		136	0	20.32	20.28	20.36	21.50
100		136	68	20.30	20.30	20.38	21.50
100		136	136	20.28	20.40	20.38	21.50
100		270	0	20.29	20.38	20.41	21.50
100		1	1	20.32	20.39	20.39	21.50
100		1	137	20.33	20.34	20.43	21.50
100		1	272	20.28	20.37	20.44	21.50
100	QPSK	136	0	20.30	20.34	20.41	21.50
100		136	68	20.27	20.37	20.41	21.50
100		136	136	20.26	20.32	20.39	21.50
100		270	0	20.31	20.33	20.39	21.50
100	16QAM	1	1	20.26	20.37	20.38	21.50
100	64QAM	1	1	20.32	20.36	20.31	21.50
100	256QAM	1	1	20.36	20.35	20.33	21.50
Channel				606022	615666	628800	Tune-up Limit [dBm]
Frequency [MHz]				2686.01	2690.66	2697	
90	PI/2 BPSK	1	1	20.17	20.20	20.33	21.50
Channel				607318	616000	628988	Tune-up Limit [dBm]
Frequency [MHz]				2636.32	2640.34	2628.98	
90	PI/2 BPSK	1	1	20.22	20.21	20.27	21.50
Channel				606022	615666	637000	Tune-up Limit [dBm]
Frequency [MHz]				2621.01	2633.99	2656	
70	PI/2 BPSK	1	1	20.20	20.28	20.19	21.50
Channel				606264	615666	637000	Tune-up Limit [dBm]
Frequency [MHz]				2636	2640.66	2656.98	
60	PI/2 BPSK	1	1	20.22	20.29	20.29	21.50
Channel				606264	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2641.64	2653.66	2666.36	
50	PI/2 BPSK	1	1	20.19	20.29	20.29	21.50
Channel				606264	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2616.3	2634.66	2647.36	
40	PI/2 BPSK	1	1	20.22	20.29	20.27	21.50
Channel				606264	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2616.64	2634.66	2647.36	
40	PI/2 BPSK	1	1	20.27	20.26	20.21	21.50
Channel				522724	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2613.32	2634.66	2647.36	
20	PI/2 BPSK	1	1	20.26	20.28	20.29	21.50
Channel				522724	615666	624966	Tune-up Limit [dBm]
Frequency [MHz]				2613	2634.66	2647.36	
10	PI/2 BPSK	1	1	20.25	20.28	20.22	21.50
Channel				607702	616666	624600	Tune-up Limit [dBm]
Frequency [MHz]				2634.32	2653.34	2671.2	
20	PI/2 BPSK	1	1	20.19	20.29	20.28	21.50
Channel				521992	615666	624600	Tune-up Limit [dBm]
Frequency [MHz]				2636.32	2653.34	2671.2	
20	PI/2 BPSK	1	1	20.21	20.29	20.28	21.50
Channel				522700	615666	624600	Tune-up Limit [dBm]
Frequency [MHz]				2634.2	2653.34	2671.2	
15	PI/2 BPSK	1	1	20.29	20.28	20.29	21.50
Channel				522322	615666	627322	Tune-up Limit [dBm]
Frequency [MHz]				2637.37	2653.66	2669	
10	PI/2 BPSK	1	1	20.23	20.19	20.19	21.50

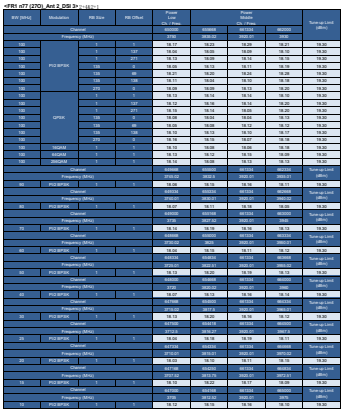
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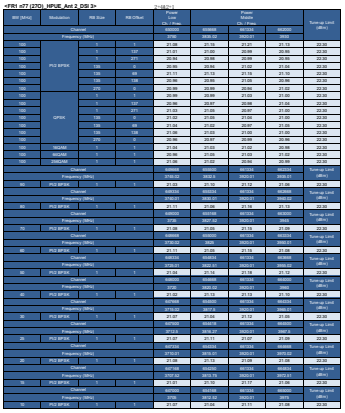
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				636592	641666	643332	
Frequency [MHz]				3555	3624.99	3674.98	
40	PI/2 BPSK	1	1	19.26	19.36	19.19	20.70
40		1	53	19.24	19.37	19.22	20.70
40		1	104	19.21	19.33	19.22	20.70
40		53	0	19.24	19.35	19.25	20.70
40		53	28	19.25	19.30	19.24	20.70
40		53	54	19.25	19.33	19.23	20.70
40		108	0	19.23	19.31	19.23	20.70
40		1	1	19.27	19.30	19.19	20.70
40		1	53	19.30	19.23	19.19	20.70
40		1	104	19.26	19.27	19.13	20.70
40	QPSK	53	0	19.23	19.29	19.15	20.70
40		53	28	19.29	19.26	19.21	20.70
40		53	54	19.30	19.29	19.21	20.70
40		108	0	19.26	19.31	19.23	20.70
40	16QAM	1	1	19.26	19.32	19.21	20.70
40	64QAM	1	1	19.30	19.23	19.19	20.70
40	256QAM	1	1	19.29	19.22	19.18	20.70
Channel				637666	641666	643300	Tune-up Limit [dBm]
Frequency [MHz]				3695.01	3624.99	3664.98	
30	PI/2 BPSK	1	1	19.19	19.22	19.10	20.70
Channel				637334	641666	643300	Tune-up Limit [dBm]
Frequency [MHz]				3686.31	3624.99	3664	
20	PI/2 BPSK	1	1	19.19	19.25	19.10	20.70
Channel				637168	641666	643198	Tune-up Limit [dBm]
Frequency [MHz]				3681.62	3624.99	3662.38	
10	PI/2 BPSK	1	1	19.15	19.19	19.09	20.70
Channel				637000	641666	643332	Tune-up Limit [dBm]
Frequency [MHz]				3686	3624.99	3664.98	
10	PI/2 BPSK	1	1	19.20	19.19	19.12	20.70

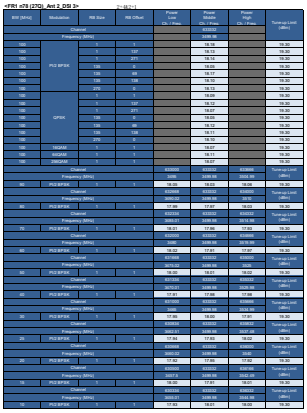
<FR1 n77 (272)_Ant 2_DSI 3>

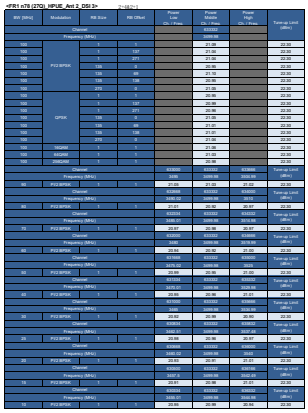
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3399.96		
100	PI/2 BPSK	1	1		19.24		19.50
100		1	137		19.13		19.50
100		1	271		19.14		19.50
100		136	0		19.09		19.50
100		136	68		19.18		19.50
100		136	136		19.12		19.50
100		270	0		18.97		19.50
100		1	1		19.06		19.50
100		1	137		19.07		19.50
100		1	272		19.13		19.50
100	QPSK	136	0		19.13		19.50
100		136	68		19.14		19.50
100		136	136		19.13		19.50
100		270	0		19.09		19.50
100	16QAM	1	1		19.08		19.50
100	64QAM	1	1		19.12		19.50
100	256QAM	1	1		19.12		19.50
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3395	3399.96	3404.98	
90	PI/2 BPSK	1	1	19.11	19.09	19.08	19.50
Channel				633000	633332	633700	Tune-up Limit [dBm]
Frequency [MHz]				3395.01	3399.96	3410	
80	PI/2 BPSK	1	1	19.08	17.86	18.01	19.50
Channel				632534	633332	634132	Tune-up Limit [dBm]
Frequency [MHz]				3385.01	3399.96	3414.98	
70	PI/2 BPSK	1	1	19.03	17.86	17.91	19.50
Channel				632534	633332	634132	Tune-up Limit [dBm]
Frequency [MHz]				3385	3399.96	3414.98	
60	PI/2 BPSK	1	1	19.07	18.07	18.08	19.50
Channel				631968	633332	634700	Tune-up Limit [dBm]
Frequency [MHz]				3376.32	3399.96	3423	
50	PI/2 BPSK	1	1	19.03	17.86	17.89	19.50
Channel				631968	633332	634700	Tune-up Limit [dBm]
Frequency [MHz]				3376.32	3399.96	3423.68	
40	PI/2 BPSK	1	1	19.09	18.09	18.09	19.50
Channel				631968	633332	634700	Tune-up Limit [dBm]
Frequency [MHz]				3376.32	3399.96	3423.68	
30	PI/2 BPSK	1	1	19.00	17.86	17.96	19.50
Channel				631968	633332	634700	Tune-up Limit [dBm]
Frequency [MHz]				3376.32	3399.96	3423.68	
20	PI/2 BPSK	1	1	19.02	17.86	17.96	19.50
Channel				631968	633332	634700	Tune-up Limit [dBm]
Frequency [MHz]				3376.32	3399.96	3423.68	
10	PI/2 BPSK	1	1	19.01	17.86	18.04	19.50
Channel				632534	633332	634132	Tune-up Limit [dBm]
Frequency [MHz]				3385.01	3399.96	3414.98	
10	PI/2 BPSK	1	1	19.05	17.87	17.98	19.50











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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					633333		
Frequency [MHz]					3799		
100	CP-OFDM PI/2 BPSK	1	0		18.21		19.30
100		1	137		18.10		19.30
100		1	271		18.09		19.30
100		135	0		18.14		19.30
100		135	69		18.19		19.30
100		135	135		18.09		19.30
100		270	0		18.05		19.30
100		1	1		18.19		19.30
100	CP-OFDM QPSK	1	137		18.16		19.30
100		1	271		18.09		19.30
100		135	0		18.07		19.30
100		135	69		18.09		19.30
100		135	135		18.07		19.30
100		270	0		18.08		19.30
100	16QAM	1	0		18.11		19.30
100	64QAM	1	1		18.07		19.30
100	256QAM	1	1		18.07		19.30
Channel				629668	633333	636332	Tune-up Limit [dBm]
Frequency [MHz]				3746.02	3799	3794.98	
80	PI/2 BPSK	1	1	18.19	18.13	18.12	19.30
Channel				630333	633333	636666	Tune-up Limit [dBm]
Frequency [MHz]				3756.01	3799	3799.99	
60	PI/2 BPSK	1	1	18.19	18.07	18.08	19.30
Channel				628833	633333	637833	Tune-up Limit [dBm]
Frequency [MHz]				3736	3799	3761	
70	PI/2 BPSK	1	1	18.07	17.99	18.08	19.30
Channel				630168	633333	637332	Tune-up Limit [dBm]
Frequency [MHz]				3758.03	3799	3799.98	
60	PI/2 BPSK	1	1	18.11	18.08	18.08	19.30
Channel				628333	633333	637666	Tune-up Limit [dBm]
Frequency [MHz]				3733.01	3799	3772.99	
50	PI/2 BPSK	1	1	18.02	18.09	18.07	19.30
Channel				628168	633333	637832	Tune-up Limit [dBm]
Frequency [MHz]				3732	3799	3797	
40	PI/2 BPSK	1	1	18.14	18.09	18.08	19.30
Channel				627832	633333	638166	Tune-up Limit [dBm]
Frequency [MHz]				3710.99	3799	3799.98	
30	PI/2 BPSK	1	1	18.08	18.10	18.04	19.30
Channel				627333	633333	639333	Tune-up Limit [dBm]
Frequency [MHz]				3710.99	3799	3799.98	
25	PI/2 BPSK	1	1	18.01	18.07	18.09	19.30
Channel				627333	633333	639333	Tune-up Limit [dBm]
Frequency [MHz]				3710.01	3799	3799.99	
20	PI/2 BPSK	1	1	18.11	18.05	17.99	19.30
Channel				627166	633333	639500	Tune-up Limit [dBm]
Frequency [MHz]				3707.33	3799	3799.49	
15	PI/2 BPSK	1	1	18.09	18.03	18.09	19.30
Channel				627000	633333	639666	Tune-up Limit [dBm]
Frequency [MHz]				3705	3799	3799	
10	PI/2 BPSK	1	1	18.12	18.09	18.04	19.30

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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					633333		
Frequency [MHz]					3799		
100	CP-OFDM PI/2 BPSK	1	0		21.19		22.30
100		1	137		20.99		22.30
100		1	271		21.00		22.30
100		135	0		21.06		22.30
100		135	69		21.08		22.30
100		135	135		20.99		22.30
100		270	0		21.00		22.30
100		1	1		20.99		22.30
100	CP-OFDM QPSK	1	137		20.98		22.30
100		1	271		20.99		22.30
100		135	0		21.00		22.30
100		135	69		21.01		22.30
100		135	135		20.99		22.30
100		270	0		21.02		22.30
100	16QAM	1	0		20.98		22.30
100	64QAM	1	1		21.06		22.30
100	256QAM	1	1		21.08		22.30
Channel				629668	633333	636332	Tune-up Limit [dBm]
Frequency [MHz]				3746.02	3799	3794.98	
80	PI/2 BPSK	1	1	21.09	21.02	21.03	22.30
Channel				630168	633333	636666	Tune-up Limit [dBm]
Frequency [MHz]				3758.01	3799	3799.98	
60	PI/2 BPSK	1	1	20.91	21.02	20.94	22.30
Channel				628668	633333	637833	Tune-up Limit [dBm]
Frequency [MHz]				3736	3799	3760	
70	PI/2 BPSK	1	1	21.00	20.97	20.93	22.30
Channel				630168	633333	637332	Tune-up Limit [dBm]
Frequency [MHz]				3758.02	3799	3799.98	
60	PI/2 BPSK	1	1	21.02	20.99	20.98	22.30
Channel				628333	633333	637666	Tune-up Limit [dBm]
Frequency [MHz]				3733.01	3799	3772.99	
50	PI/2 BPSK	1	1	21.03	20.99	20.98	22.30
Channel				628168	633333	637832	Tune-up Limit [dBm]
Frequency [MHz]				3732	3799	3797	
40	PI/2 BPSK	1	1	20.96	21.02	20.91	22.30
Channel				627832	633333	638166	Tune-up Limit [dBm]
Frequency [MHz]				3710.99	3799	3799.98	
30	PI/2 BPSK	1	1	21.03	21.00	20.99	22.30
Channel				627333	633333	639333	Tune-up Limit [dBm]
Frequency [MHz]				3710.99	3799	3799.98	
25	PI/2 BPSK	1	1	20.99	21.02	20.96	22.30
Channel				627166	633333	639500	Tune-up Limit [dBm]
Frequency [MHz]				3710.01	3799	3799.99	
20	PI/2 BPSK	1	1	20.99	20.99	20.91	22.30
Channel				627166	633333	639500	Tune-up Limit [dBm]
Frequency [MHz]				3707.33	3799	3792.49	
15	PI/2 BPSK	1	1	20.99	20.99	20.94	22.30
Channel				627000	633333	639666	Tune-up Limit [dBm]
Frequency [MHz]				3705	3799	3795	
10	PI/2 BPSK	1	1	20.94	20.99	20.95	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				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	17.06	17.06	16.98	18.20
40		1	108	16.91	16.90	16.98	18.20
40		1	214	16.89	17.00	16.88	18.20
40	PI/2 BPSK	108	0	17.00	17.01	16.86	18.20
40		108	54	16.88	16.96	16.88	18.20
40		108	108	16.97	16.88	16.99	18.20
40		216	0	16.95	16.96	17.01	18.20
40		1	1	16.96	17.04	16.88	18.20
40		1	108	16.96	17.05	17.01	18.20
40		1	214	16.92	16.94	16.92	18.20
40	QPSK	108	0	16.92	16.95	16.98	18.20
40		108	54	16.93	16.99	16.90	18.20
40		108	108	16.93	16.92	16.84	18.20
40		216	0	16.90	17.03	16.92	18.20
40	16QAM	1	1	16.91	16.93	16.97	18.20
40	64QAM	1	1	16.86	16.97	16.89	18.20
40	256QAM	1	1	16.90	17.03	16.93	18.20
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.92	16.90	17.01	18.20
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	16.98	16.90	16.92	18.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.96	16.88	16.99	18.20
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.91	16.94	17.01	18.20
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.92	16.95	16.93	18.20
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.91	16.96	16.99	18.20
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.93	16.94	16.94	18.20

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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				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	15.94	15.96	15.86	17.20
40		1	108	15.89	15.89	15.88	17.20
40		1	214	15.81	15.91	15.80	17.20
40	PI/2 BPSK	108	0	15.91	15.88	15.84	17.20
40		108	54	15.84	15.96	15.73	17.20
40		108	108	15.90	15.94	15.82	17.20
40		216	0	15.87	15.84	15.82	17.20
40		1	1	15.83	15.84	15.79	17.20
40		1	108	15.86	15.83	15.85	17.20
40		1	214	15.84	15.86	15.89	17.20
40	QPSK	108	0	15.88	15.82	15.87	17.20
40		108	54	15.79	15.81	15.85	17.20
40		108	108	15.70	15.85	15.79	17.20
40		216	0	15.79	15.81	15.78	17.20
40	16QAM	1	1	15.86	15.88	15.79	17.20
40	64QAM	1	1	15.82	15.89	15.90	17.20
40	256QAM	1	1	15.83	15.89	15.95	17.20
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	15.88	15.86	15.79	17.20
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	15.83	15.96	15.87	17.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	15.78	15.91	15.83	17.20
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	15.82	15.85	15.82	17.20
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	15.83	15.85	15.84	17.20
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	15.88	15.85	15.79	17.20
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	15.84	15.89	15.81	17.20

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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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	18.99	19.10	18.85	21.40
50		1	135	18.98	18.98	18.86	21.40
50		1	268	18.97	18.98	18.86	21.40
50	PI/2 BPSK	135	0	18.93	19.02	18.88	21.40
50		135	68	18.91	18.94	18.93	21.40
50		135	135	18.99	19.03	18.96	21.40
50		270	0	18.97	19.02	18.97	21.40
50		1	1	19.00	18.93	18.95	21.40
50		1	135	19.00	19.01	18.92	21.40
50		1	268	18.98	18.99	18.96	21.40
50	QPSK	135	0	18.96	18.94	18.88	21.40
50		135	68	19.01	19.01	18.94	21.40
50		135	135	18.89	19.00	18.89	21.40
50		270	0	18.98	18.98	18.89	21.40
50	16QAM	1	1	18.92	19.00	18.93	21.40
50	64QAM	1	1	18.98	18.98	18.90	21.40
50	256QAM	1	1	18.94	18.97	18.94	21.40
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.87	18.93	18.76	21.40
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	18.84	18.88	18.86	21.40
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	18.90	18.83	18.82	21.40
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	18.90	18.88	18.84	21.40
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.91	18.85	18.84	21.40
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	18.85	18.83	18.77	21.40
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.87	18.88	18.85	21.40
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.84	18.91	18.80	21.40

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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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	18.52	18.63	18.34	19.70
50		1	135	18.51	18.45	18.41	19.70
50		1	268	18.41	18.49	18.42	19.70
50	PI/2 BPSK	135	0	18.44	18.48	18.34	19.70
50		135	68	18.38	18.48	18.42	19.70
50		135	135	18.43	18.54	18.41	19.70
50		270	0	18.51	18.57	18.50	19.70
50		1	1	18.47	18.46	18.43	19.70
50		1	135	18.49	18.50	18.43	19.70
50		1	268	18.52	18.44	18.44	19.70
50	QPSK	135	0	18.48	18.44	18.34	19.70
50		135	68	18.48	18.54	18.40	19.70
50		135	135	18.37	18.47	18.42	19.70
50		270	0	18.44	18.52	18.41	19.70
50	16QAM	1	1	18.46	18.55	18.44	19.70
50	64QAM	1	1	18.46	18.47	18.45	19.70
50	256QAM	1	1	18.40	18.52	18.48	19.70
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.39	18.54	18.26	19.70
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	18.33	18.55	18.27	19.70
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	18.42	18.51	18.21	19.70
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	18.41	18.54	18.29	19.70
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.36	18.52	18.24	19.70
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	18.43	18.53	18.29	19.70
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.41	18.52	18.25	19.70
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.38	18.55	18.27	19.70

<FR1 n25_Ant 0_DSI 3> 0=2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	17.13	17.26	17.17	18.20
40		1	108	17.07	17.06	17.03	18.20
40		1	214	17.08	17.10	17.01	18.20
40	PI/2 BPSK	108	0	17.05	17.06	16.96	18.20
40		108	54	16.98	17.05	16.92	18.20
40		108	108	17.10	17.02	17.11	18.20
40		216	0	17.06	17.08	17.10	18.20
40		1	1	17.01	17.07	16.97	18.20
40		1	108	17.00	17.13	17.04	18.20
40		1	214	16.94	17.04	16.98	18.20
40	QPSK	108	0	17.02	17.07	17.05	18.20
40		108	54	17.01	17.06	17.01	18.20
40		108	108	17.03	17.04	16.92	18.20
40		216	0	16.96	17.11	16.99	18.20
40	16QAM	1	1	17.03	17.04	17.07	18.20
40	64QAM	1	1	17.03	17.07	16.92	18.20
40	256QAM	1	1	16.95	17.12	16.95	18.20
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.07	17.06	17.10	18.20
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.08	17.03	16.99	18.20
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.06	17.06	17.02	18.20
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.10	17.07	17.10	18.20
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.10	16.97	17.07	18.20
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.01	17.08	17.00	18.20
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.02	17.01	17.02	18.20

<FR1 n25_Ant 0_DSI 3> 0=1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	16.04	16.10	16.02	17.20
40		1	108	15.99	15.95	15.96	17.20
40		1	214	15.88	16.01	15.93	17.20
40	PI/2 BPSK	108	0	15.96	15.93	15.99	17.20
40		108	54	16.00	16.01	15.87	17.20
40		108	108	16.03	16.02	15.93	17.20
40		216	0	16.02	15.93	15.90	17.20
40		1	1	15.98	15.94	15.95	17.20
40		1	108	15.96	15.90	15.91	17.20
40		1	214	15.98	15.96	15.93	17.20
40	QPSK	108	0	15.97	15.92	15.95	17.20
40		108	54	15.89	15.95	15.98	17.20
40		108	108	15.83	15.94	15.86	17.20
40		216	0	15.92	15.88	15.92	17.20
40	16QAM	1	1	15.94	16.03	15.84	17.20
40	64QAM	1	1	15.91	15.98	15.99	17.20
40	256QAM	1	1	15.92	16.01	16.00	17.20
Channel				373000	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.00	15.94	15.99	17.20
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	15.99	15.97	15.93	17.20
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	15.91	15.98	15.92	17.20
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	15.94	15.94	15.94	17.20
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	16.00	15.98	15.97	17.20
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.00	16.01	15.98	17.20
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	15.97	15.94	15.93	17.20

<FR1 n30_Ant 0_DSI 3> 0+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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		18.25		20.00
10		1	26		18.20		20.00
10		1	50		18.13		20.00
10		25	0		18.20		20.00
10		25	14		18.20		20.00
10		25	27		18.19		20.00
10		50	0		18.20		20.00
10	QPSK	1	1		18.15		20.00
10		1	26		18.23		20.00
10		1	50		18.15		20.00
10		25	0		18.18		20.00
10		25	14		18.23		20.00
10		25	27		18.20		20.00
10		50	0		18.23		20.00
10	16QAM	1	1		18.14		20.00
10	64QAM	1	1		18.16		20.00
10	256QAM	1	1		18.19		20.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.21	18.23	18.19	20.00

<FR1 n30_Ant 0_DSI 3> 0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.55		17.80
10		1	26		17.35		17.80
10		1	50		17.32		17.80
10		25	0		17.42		17.80
10		25	14		17.39		17.80
10		25	27		17.37		17.80
10		50	0		17.39		17.80
10	QPSK	1	1		17.36		17.80
10		1	26		17.45		17.80
10		1	50		17.38		17.80
10		25	0		17.32		17.80
10		25	14		17.47		17.80
10		25	27		17.39		17.80
10		50	0		17.48		17.80
10	16QAM	1	1		17.33		17.80
10	64QAM	1	1		17.32		17.80
10	256QAM	1	1		17.44		17.80
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.40	17.45	17.51	17.80

<FR1 n66_Ant 0_DSI 3> 0+2&0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				348500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.92	18.35	17.95	18.30
45		1	120	17.94	18.31	17.93	18.30
45		1	240	17.99	18.21	17.87	18.30
45		120	0	17.96	18.23	17.94	18.30
45		120	60	17.95	18.28	17.87	18.30
45		120	120	18.00	18.29	17.90	18.30
45		240	0	17.98	18.24	17.84	18.30
45	QPSK	1	1	17.96	18.29	17.85	18.30
45		1	120	17.93	18.25	17.95	18.30
45		1	240	17.96	18.32	17.88	18.30
45		120	0	17.93	18.25	17.85	18.30
45		120	60	18.01	18.32	17.88	18.30
45		120	120	17.90	18.27	17.89	18.30
45		240	0	17.93	18.30	17.94	18.30
45	16QAM	1	1	18.00	18.28	17.95	18.30
45	64QAM	1	1	17.97	18.23	17.91	18.30
45	256QAM	1	1	17.96	18.24	17.89	18.30
Channel				348500	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.91	18.19	17.84	18.30
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.86	18.11	17.79	18.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.79	18.17	17.81	18.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.83	18.13	17.80	18.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.79	18.16	17.85	18.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.87	18.21	17.81	18.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.79	18.21	17.77	18.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.88	18.14	17.81	18.30

<FR1 n41_FCC_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				509202	518998	528800	
Frequency [MHz]				2549.01	2590.98	2633	
100		1	1	17.22	17.25	17.26	18.50
100		1	137	17.21	17.26	17.23	18.50
100		1	273	17.22	17.27	17.21	18.50
100	PI/2 BPSK	136	0	17.25	17.28	17.26	18.50
100		136	68	17.28	17.33	17.28	18.50
100		136	136	17.22	17.23	17.27	18.50
100		275	0	17.22	17.23	17.28	18.50
100		1	1	17.23	17.26	17.20	18.50
100		1	137	17.28	17.28	17.21	18.50
100		1	273	17.23	17.30	17.26	18.50
100	QPSK	136	0	17.26	17.25	17.26	18.50
100		136	68	17.23	17.28	17.27	18.50
100		136	136	17.21	17.28	17.26	18.50
100		275	0	17.27	17.28	17.30	18.50
100	16QAM	1	1	17.28	17.23	17.29	18.50
100	64QAM	1	1	17.22	17.28	17.29	18.50
100	256QAM	1	1	17.27	17.28	17.23	18.50
Channel				509202	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2549	2590.98	2634.98	
90	PI/2 BPSK	1	1	17.10	17.18	17.16	18.50
Channel				507558	518998	530438	Tune-up Limit [dBm]
Frequency [MHz]				2538.72	2590.98	2643.96	
80	PI/2 BPSK	1	1	17.12	17.18	17.12	18.50
Channel				506202	518998	531000	Tune-up Limit [dBm]
Frequency [MHz]				2527.01	2590.98	2655	
70	PI/2 BPSK	1	1	17.13	17.13	17.13	18.50
Channel				504750	518998	533250	Tune-up Limit [dBm]
Frequency [MHz]				2516	2590.98	2666.98	
60	PI/2 BPSK	1	1	17.18	17.21	17.16	18.50
Channel				503294	518998	534998	Tune-up Limit [dBm]
Frequency [MHz]				2504.69	2590.98	2678.98	
50	PI/2 BPSK	1	1	17.19	17.13	17.19	18.50
Channel				501882	518998	536114	Tune-up Limit [dBm]
Frequency [MHz]				2493.81	2590.98	2691.28	
40	PI/2 BPSK	1	1	17.20	17.25	17.21	18.50
Channel				501252	518998	536808	Tune-up Limit [dBm]
Frequency [MHz]				2490.69	2590.98	2693.88	
30	PI/2 BPSK	1	1	17.16	17.17	17.11	18.50
Channel				500754	518998	537258	Tune-up Limit [dBm]
Frequency [MHz]				2485.82	2590.98	2696.18	
25	PI/2 BPSK	1	1	17.17	17.18	17.18	18.50
Channel				500628	518998	537388	Tune-up Limit [dBm]
Frequency [MHz]				2485	2590.98	2696.98	
20	PI/2 BPSK	1	1	17.20	17.16	17.17	18.50
Channel				500502	518998	537518	Tune-up Limit [dBm]
Frequency [MHz]				2484.18	2590.98	2697.78	
15	PI/2 BPSK	1	1	17.19	17.23	17.19	18.50
Channel				500376	518998	537648	Tune-up Limit [dBm]
Frequency [MHz]				2483.55	2590.98	2698.58	
10	PI/2 BPSK	1	1	17.18	17.22	17.18	18.50

<FR1 n41_HPUE_FCC_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				509202	518998	528800	
Frequency [MHz]				2549.01	2590.98	2633	
100		1	1	20.17	20.20	20.11	21.90
100		1	137	20.14	20.13	20.17	21.90
100		1	273	20.17	20.13	20.16	21.90
100	PI/2 BPSK	136	0	20.14	20.20	20.09	21.90
100		136	68	20.13	20.12	20.10	21.90
100		136	136	20.13	20.19	20.19	21.90
100		275	0	20.13	20.12	20.18	21.90
100		1	1	20.17	20.19	20.19	21.90
100		1	137	20.15	20.23	20.15	21.90
100		1	273	20.13	20.13	20.19	21.90
100	QPSK	136	0	20.13	20.24	20.13	21.90
100		136	68	20.14	20.13	20.19	21.90
100		136	136	20.20	20.13	20.17	21.90
100		275	0	20.14	20.13	20.14	21.90
100	16QAM	1	1	20.19	20.22	20.18	21.90
100	64QAM	1	1	20.13	20.24	20.13	21.90
100	256QAM	1	1	20.14	20.13	20.12	21.90
Channel				509202	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2549	2590.98	2634.98	
90	PI/2 BPSK	1	1	20.11	20.13	20.09	21.90
Channel				507558	518998	530438	Tune-up Limit [dBm]
Frequency [MHz]				2538.72	2590.98	2643.96	
80	PI/2 BPSK	1	1	19.99	20.09	20.06	21.90
Channel				506202	518998	531000	Tune-up Limit [dBm]
Frequency [MHz]				2527.01	2590.98	2655	
70	PI/2 BPSK	1	1	19.98	20.09	20.09	21.90
Channel				504750	518998	533250	Tune-up Limit [dBm]
Frequency [MHz]				2516	2590.98	2666.98	
60	PI/2 BPSK	1	1	20.07	20.09	20.01	21.90
Channel				503294	518998	534998	Tune-up Limit [dBm]
Frequency [MHz]				2504.69	2590.98	2678.98	
50	PI/2 BPSK	1	1	20.03	20.09	20.07	21.90
Channel				501882	518998	536114	Tune-up Limit [dBm]
Frequency [MHz]				2493.81	2590.98	2691.28	
40	PI/2 BPSK	1	1	20.14	20.08	20.08	21.90
Channel				501252	518998	536808	Tune-up Limit [dBm]
Frequency [MHz]				2490.69	2590.98	2693.88	
30	PI/2 BPSK	1	1	20.13	20.08	20.02	21.90
Channel				500754	518998	537258	Tune-up Limit [dBm]
Frequency [MHz]				2485.82	2590.98	2696.18	
25	PI/2 BPSK	1	1	20.07	20.13	20.13	21.90
Channel				500628	518998	537388	Tune-up Limit [dBm]
Frequency [MHz]				2485	2590.98	2696.98	
20	PI/2 BPSK	1	1	20.08	20.04	20.08	21.90
Channel				500502	518998	537518	Tune-up Limit [dBm]
Frequency [MHz]				2484.18	2590.98	2697.78	
15	PI/2 BPSK	1	1	20.03	20.07	20.09	21.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.35	16.68	16.46	17.20
40		1	108	16.22	16.55	16.30	17.20
40		1	214	16.25	16.31	16.18	17.20
40		108	0	16.20	16.42	16.32	17.20
40		108	54	16.24	16.66	16.35	17.20
40		108	108	16.21	16.35	16.20	17.20
40		216	0	16.21	16.34	16.28	17.20
40	QPSK	1	1	16.22	16.43	16.25	17.20
40		1	108	16.31	16.60	16.31	17.20
40		1	214	16.26	16.40	16.29	17.20
40		108	0	16.20	16.46	16.33	17.20
40		108	54	16.17	16.39	16.33	17.20
40		108	108	16.19	16.49	16.42	17.20
40		216	0	16.23	16.49	16.13	17.20
40	16QAM	1	1	16.15	16.48	16.16	17.20
40	64QAM	1	1	16.20	16.55	16.30	17.20
40	256QAM	1	1	16.24	16.39	16.16	17.20
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.28	16.67	16.27	17.20
Channel				372000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1890	
30	PI/2 BPSK	1	1	16.19	16.57	16.28	17.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.26	16.60	16.31	17.20
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.26	16.61	16.31	17.20
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.20	16.57	16.32	17.20
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.29	16.58	16.29	17.20
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.19	16.59	16.32	17.20

<FR1 n7_Ant 1_DSI 3> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506000	507000	508000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.26	16.35	16.25	18.10
50		1	135	16.24	16.28	16.24	18.10
50		1	268	16.20	16.26	16.23	18.10
50		135	0	16.21	16.27	16.20	18.10
50		135	68	16.26	16.25	16.15	18.10
50		135	135	16.21	16.23	16.14	18.10
50		270	0	16.18	16.26	16.22	18.10
50	QPSK	1	1	16.17	16.31	16.22	18.10
50		1	135	16.19	16.26	16.14	18.10
50		1	268	16.19	16.31	16.20	18.10
50		135	0	16.18	16.22	16.22	18.10
50		135	68	16.20	16.21	16.23	18.10
50		135	135	16.19	16.23	16.20	18.10
50		270	0	16.20	16.25	16.21	18.10
50	16QAM	1	1	16.25	16.24	16.21	18.10
50	64QAM	1	1	16.25	16.31	16.16	18.10
50	256QAM	1	1	16.21	16.25	16.23	18.10
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.25	16.22	16.21	18.10
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	16.18	16.32	16.23	18.10
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	16.20	16.23	16.16	18.10
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	16.21	16.23	16.22	18.10
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.26	16.22	16.17	18.10
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	16.17	16.22	16.17	18.10
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	16.16	16.26	16.19	18.10
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	16.26	16.24	16.14	18.10

<FR1 n25_Ant 1_DSI 3> 3+1

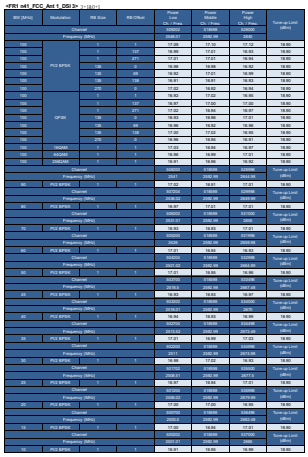
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.44	16.61	16.53	17.20
40		1	108	16.35	16.64	16.39	17.20
40		1	214	16.32	16.43	16.25	17.20
40		108	0	16.31	16.56	16.39	17.20
40		108	54	16.38	16.77	16.39	17.20
40		108	108	16.34	16.49	16.31	17.20
40		216	0	16.36	16.49	16.41	17.20
40	QPSK	1	1	16.32	16.50	16.30	17.20
40		1	108	16.36	16.67	16.45	17.20
40		1	214	16.34	16.47	16.41	17.20
40		108	0	16.35	16.59	16.41	17.20
40		108	54	16.26	16.46	16.38	17.20
40		108	108	16.24	16.60	16.49	17.20
40		216	0	16.32	16.53	16.29	17.20
40	16QAM	1	1	16.29	16.61	16.29	17.20
40	64QAM	1	1	16.29	16.61	16.49	17.20
40	256QAM	1	1	16.34	16.44	16.31	17.20
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.33	16.68	16.52	17.20
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.28	16.68	16.49	17.20
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.29	16.72	16.44	17.20
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.26	16.69	16.53	17.20
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	16.29	16.67	16.48	17.20
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.27	16.70	16.47	17.20
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.36	16.66	16.51	17.20

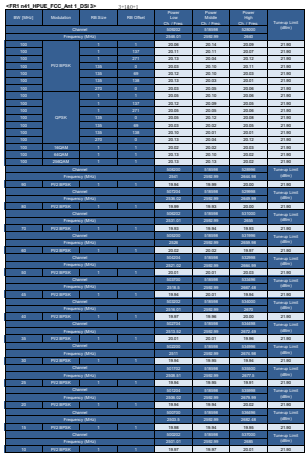
<FR1 n30_Ant 1_DSI 3> 3+1

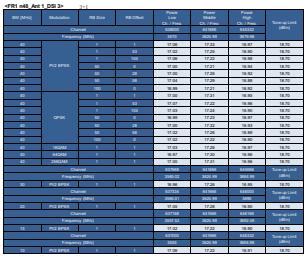
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		16.66		17.80
10		1	26		16.60		17.80
10		1	50		16.65		17.80
10		25	0		16.61		17.80
10		25	14		16.57		17.80
10		25	27		16.62		17.80
10		50	0		16.64		17.80
10	QPSK	1	1		16.53		17.80
10		1	26		16.57		17.80
10		1	50		16.53		17.80
10		25	0		16.56		17.80
10		25	14		16.56		17.80
10		25	27		16.62		17.80
10		50	0		16.53		17.80
10	16QAM	1	1		16.65		17.80
10	64QAM	1	1		16.60		17.80
10	256QAM	1	1		16.63		17.80
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	16.61	16.58	16.59	17.80

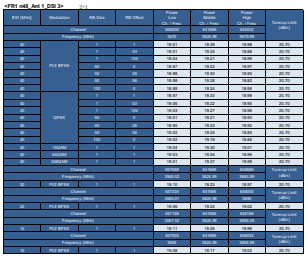
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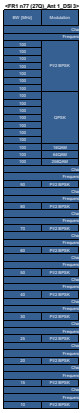
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				345000	349000	351300	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.39	17.68	17.45	18.30
45		1	136	17.38	17.65	17.46	18.30
45		1	240	17.37	17.62	17.37	18.30
45		136	0	17.40	17.58	17.42	18.30
45		136	69	17.38	17.63	17.45	18.30
45		136	136	17.38	17.66	17.44	18.30
45		240	0	17.37	17.61	17.45	18.30
45	QPSK	1	1	17.44	17.56	17.40	18.30
45		1	136	17.35	17.56	17.44	18.30
45		1	240	17.44	17.63	17.44	18.30
45		136	0	17.35	17.62	17.37	18.30
45		136	69	17.39	17.58	17.44	18.30
45		136	136	17.44	17.57	17.43	18.30
45		240	0	17.46	17.60	17.44	18.30
45	16QAM	1	1	17.37	17.65	17.35	18.30
45	64QAM	1	1	17.39	17.63	17.43	18.30
45	256QAM	1	1	17.40	17.63	17.40	18.30
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1739	1745	1760	
40	PI/2 BPSK	1	1	17.29	17.55	17.31	18.30
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.28	17.55	17.30	18.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.34	17.51	17.27	18.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.38	17.46	17.33	18.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.33	17.46	17.34	18.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.29	17.49	17.34	18.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.30	17.47	17.33	18.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.29	17.53	17.30	18.30

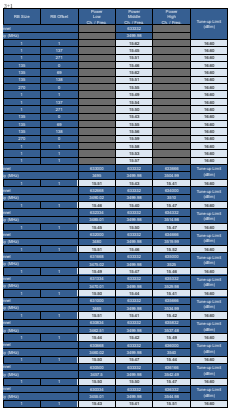


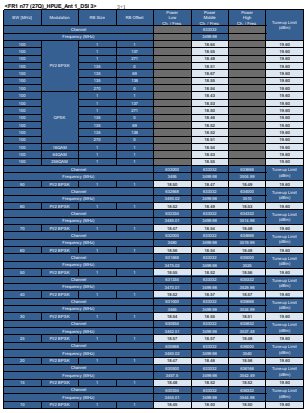


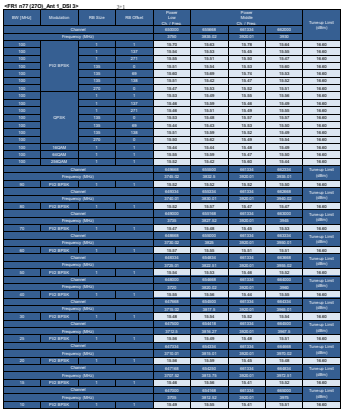












<FR1 n77 (270), HPUE_Ant 1_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				650000	650666	651334	652000		
Frequency [MHz]				3750	3763.32	3790.01	3810		
100		1	0	18.69	18.61	18.71	18.69		19.40
100		1	137	18.59	18.61	18.58	18.59		19.40
100		1	271	18.48	18.61	18.59	18.62		19.40
100	PI/2 BPSK	136	0	18.62	18.62	18.51	18.56		19.40
100		136	69	18.48	18.67	18.70	18.67		19.40
100		136	136	18.52	18.58	18.59	18.49		19.40
100		270	0	18.48	18.63	18.58	18.48		19.40
100		1	0	18.61	18.62	18.61	18.59		19.40
100		1	137	18.57	18.48	18.49	18.49		19.40
100		1	271	18.47	18.47	18.52	18.53		19.40
100	QPSK	136	0	18.62	18.58	18.49	18.48		19.40
100		136	69	18.49	18.63	18.47	18.52		19.40
100		136	136	18.43	18.58	18.43	18.54		19.40
100		270	0	18.52	18.47	18.54	18.49		19.40
100	16QAM	1	1	18.46	18.62	18.58	18.42		19.40
100	256QAM	1	1	18.63	18.63	18.58	18.63		19.40
100	256QAM	1	1	18.60	18.62	18.60	18.60		19.40
Channel				639666	650000	660334	660334		Tune-up Limit [dBm]
Frequency [MHz]				3736.32	3763.3	3790.27	3790.27		
60	PI/2 BPSK	1	0	18.64	18.68	18.48	18.49		19.40
Channel				649998	650000	650334	650668		Tune-up Limit [dBm]
Frequency [MHz]				3790.27	3790.27	3823.27	3823.27		
60	PI/2 BPSK	1	0	18.62	18.61	18.53	18.42		19.40
Channel				649668	649766	651334	652000		Tune-up Limit [dBm]
Frequency [MHz]				3776	3777.63	3930.01	3930		
60	PI/2 BPSK	1	0	18.49	18.58	18.49	18.47		19.40
Channel				649668	649766	651334	652000		Tune-up Limit [dBm]
Frequency [MHz]				3776.02	3926	3930.01	3930.01		
60	PI/2 BPSK	1	0	18.48	18.58	18.51	18.48		19.40
Channel				649334	649834	651334	653000		Tune-up Limit [dBm]
Frequency [MHz]				3776.02	3823.01	3930.01	3930.02		
60	PI/2 BPSK	1	0	18.56	18.61	18.55	18.47		19.40
Channel				649334	649834	651334	653000		Tune-up Limit [dBm]
Frequency [MHz]				3776	3823.01	3930.01	3930		
40	PI/2 BPSK	1	0	18.48	18.55	18.52	18.43		19.40
Channel				649168	649666	650334	650834		Tune-up Limit [dBm]
Frequency [MHz]				3756.02	3813.3	3883.01	3883.01		
30	PI/2 BPSK	1	0	18.66	18.68	18.48	18.47		19.40
Channel				637336	650678	651334	653320		Tune-up Limit [dBm]
Frequency [MHz]				3713.9	3816.27	3930.01	3947.9		
25	PI/2 BPSK	1	0	18.59	18.61	18.47	18.49		19.40
Channel				637336	649834	651334	653320		Tune-up Limit [dBm]
Frequency [MHz]				3713.91	3813.01	3930.01	3930.02		
20	PI/2 BPSK	1	0	18.48	18.61	18.51	18.53		19.40
Channel				647168	650000	651334	653832		Tune-up Limit [dBm]
Frequency [MHz]				3751.04	3813.74	3930.01	3974.31		
15	PI/2 BPSK	1	0	18.63	18.58	18.56	18.43		19.40
Channel				637336	650334	651334	654332		Tune-up Limit [dBm]
Frequency [MHz]				3713	3813.01	3930.01	3974		
10	PI/2 BPSK	1	0	18.61	18.65	18.64	18.43		19.40

<FR1 n78 (270), 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					633332				
Frequency [MHz]					3499.98				
100		1	0		18.73				19.40
100		1	137		18.68				19.40
100		1	271		18.69				19.40
100	PI/2 BPSK	136	0		18.63				19.40
100		136	69		18.67				19.40
100		136	136		18.63				19.40
100		270	0		18.63				19.40
100		1	0		18.62				19.40
100		1	137		18.60				19.40
100		1	271		18.60				19.40
100	QPSK	136	0		18.60				19.40
100		136	69		18.61				19.40
100		136	136		18.43				19.40
100		270	0		18.57				19.40
100	16QAM	1	1		18.69				19.40
100	64QAM	1	1		18.67				19.40
100	256QAM	1	1		18.67				19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3495	3499.98	3504.96			
90	PI/2 BPSK	1	0	18.33	18.58	18.66			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3495.02	3499.98	3505			
90	PI/2 BPSK	1	0	18.49	18.66	18.64			19.40
Channel				633332	633332	634332			Tune-up Limit [dBm]
Frequency [MHz]				3499.98	3499.98	3515.94			
70	PI/2 BPSK	1	0	18.37	18.57	18.48			19.40
Channel				633332	633332	634332			Tune-up Limit [dBm]
Frequency [MHz]				3499	3499.98	3514.98			
60	PI/2 BPSK	1	0	18.39	18.57	18.48			19.40
Channel				633168	633332	633500			Tune-up Limit [dBm]
Frequency [MHz]				3479.01	3499.98	3520			
60	PI/2 BPSK	1	0	18.31	18.60	18.55			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3479.01	3499.98	3520.98			
40	PI/2 BPSK	1	0	18.39	18.66	18.59			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3480	3499.98	3520.98			
30	PI/2 BPSK	1	0	18.38	18.49	18.52			19.40
Channel				633000	633332	633632			Tune-up Limit [dBm]
Frequency [MHz]				3480.01	3499.98	3517.29			
25	PI/2 BPSK	1	0	18.47	18.54	18.52			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3480.01	3499.98	3520			
20	PI/2 BPSK	1	0	18.58	18.49	18.57			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3497.4	3499.98	3502.56			
15	PI/2 BPSK	1	0	18.58	18.49	18.47			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3480.01	3499.98	3520.98			
10	PI/2 BPSK	1	0	18.48	18.58	18.49			19.40

<FR1 n78 (270), 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					633332				
Frequency [MHz]					3499.98				
100		1	0		18.66				19.40
100		1	137		18.63				19.40
100		1	271		18.60				19.40
100	PI/2 BPSK	136	0		18.62				19.40
100		136	69		18.66				19.40
100		136	136		18.58				19.40
100		270	0		18.62				19.40
100		1	0		18.61				19.40
100		1	137		18.56				19.40
100		1	271		18.59				19.40
100	QPSK	136	0		18.63				19.40
100		136	69		18.59				19.40
100		136	136		18.61				19.40
100		270	0		18.60				19.40
100	16QAM	1	1		18.58				19.40
100	64QAM	1	1		18.57				19.40
100	256QAM	1	1		18.57				19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3495	3499.98	3504.96			
90	PI/2 BPSK	1	1	18.33	18.58	18.66			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3495.02	3499.98	3505			
90	PI/2 BPSK	1	1	18.49	18.66	18.64			19.40
Channel				633332	633332	634332			Tune-up Limit [dBm]
Frequency [MHz]				3499.98	3499.98	3515.94			
70	PI/2 BPSK	1	1	18.37	18.57	18.48			19.40
Channel				633332	633332	634332			Tune-up Limit [dBm]
Frequency [MHz]				3499	3499.98	3514.98			
60	PI/2 BPSK	1	1	18.39	18.57	18.48			19.40
Channel				633168	633332	633500			Tune-up Limit [dBm]
Frequency [MHz]				3479.01	3499.98	3520			
60	PI/2 BPSK	1	1	18.31	18.60	18.55			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3479.01	3499.98	3520.98			
40	PI/2 BPSK	1	1	18.39	18.66	18.59			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3480	3499.98	3520.98			
30	PI/2 BPSK	1	1	18.37	18.49	18.52			19.40
Channel				633000	633332	633632			Tune-up Limit [dBm]
Frequency [MHz]				3480.01	3499.98	3517.29			
25	PI/2 BPSK	1	1	18.37	18.56	18.53			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3480.01	3499.98	3520			
20	PI/2 BPSK	1	1	18.36	18.57	18.48			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3497.4	3499.98	3502.56			
15	PI/2 BPSK	1	1	18.39	18.56	18.48			19.40
Channel				633000	633332	633666			Tune-up Limit [dBm]
Frequency [MHz]				3480.01	3499.98	3520.98			
10	PI/2 BPSK	1	1	18.48	18.58	18.49			19.40

<FR1 n78 (270), 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				650000			
Frequency [MHz]				3750			
100		1	1	15.68			16.60
100		1	137	15.60			16.60
100		1	271	15.60			16.60
100	PI/2 BPSK	136	0	15.64			16.60
100		136	68	15.67			16.60
100		136	136	15.22			16.60
100		270	0	15.57			16.60
100		1	1	15.48			16.60
100		1	137	15.39			16.60
100		1	271	15.42			16.60
100	QPSK	136	0	15.59			16.60
100		136	68	15.66			16.60
100		136	136	15.59			16.60
100		270	0	15.61			16.60
100	16QAM	1	1	15.48			16.60
100	64QAM	1	1	15.65			16.60
100	256QAM	1	1	15.56			16.60
Channel				629568	650000	670332	Tune-up Limit [dBm]
Frequency [MHz]				3736.32	3750	3763.68	
90	PI/2 BPSK	1	1	15.65	15.55	15.52	16.60
Channel				629334	650000	670666	Tune-up Limit [dBm]
Frequency [MHz]				3734.01	3750	3765.99	
80	PI/2 BPSK	1	1	15.58	15.49	15.58	16.60
Channel				629032	650000	671000	Tune-up Limit [dBm]
Frequency [MHz]				3730	3750	3770	
70	PI/2 BPSK	1	1	15.58	15.68	15.65	16.60
Channel				628790	650000	671332	Tune-up Limit [dBm]
Frequency [MHz]				3726.52	3750	3776.68	
60	PI/2 BPSK	1	1	15.61	15.60	15.47	16.60
Channel				628228	650000	671998	Tune-up Limit [dBm]
Frequency [MHz]				3723.11	3750	3776.89	
50	PI/2 BPSK	1	1	15.69	15.67	15.68	16.60
Channel				627666	650000	672334	Tune-up Limit [dBm]
Frequency [MHz]				3719.7	3750	3780.3	
40	PI/2 BPSK	1	1	15.58	15.53	15.57	16.60
Channel				627666	650000	672334	Tune-up Limit [dBm]
Frequency [MHz]				3719.7	3750	3780.3	
30	PI/2 BPSK	1	1	15.68	15.59	15.52	16.60
Channel				627333	650000	672667	Tune-up Limit [dBm]
Frequency [MHz]				3716.63	3750	3783.37	
25	PI/2 BPSK	1	1	15.65	15.69	15.48	16.60
Channel				627166	650000	672834	Tune-up Limit [dBm]
Frequency [MHz]				3714.91	3750	3785.09	
20	PI/2 BPSK	1	1	15.47	15.63	15.48	16.60
Channel				627166	650000	672834	Tune-up Limit [dBm]
Frequency [MHz]				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.66	15.61	15.48	16.60
Channel				627000	650000	673000	Tune-up Limit [dBm]
Frequency [MHz]				3709	3750	3791	
10	PI/2 BPSK	1	1	15.64	15.48	15.58	16.60

<FR1 n78 (270), HPUE, Ant 1, DSI 3>

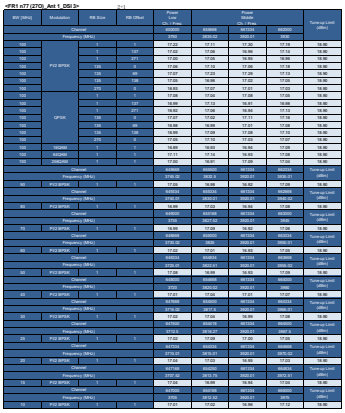
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				650000			
Frequency [MHz]				3750			
100		1	1	19.08			19.40
100		1	137	19.00			19.40
100		1	271	19.00			19.40
100	PI/2 BPSK	136	0	19.04			19.40
100		136	68	19.05			19.40
100		136	136	18.61			19.40
100		270	0	18.58			19.40
100		1	1	18.50			19.40
100		1	137	18.59			19.40
100		1	271	18.62			19.40
100	QPSK	136	0	18.59			19.40
100		136	68	18.62			19.40
100		136	136	18.59			19.40
100		270	0	18.60			19.40
100	16QAM	1	1	18.47			19.40
100	64QAM	1	1	18.48			19.40
100	256QAM	1	1	18.48			19.40
Channel				629568	650000	670332	Tune-up Limit [dBm]
Frequency [MHz]				3736.32	3750	3763.68	
90	PI/2 BPSK	1	1	18.64	18.54	18.49	19.40
Channel				629334	650000	670666	Tune-up Limit [dBm]
Frequency [MHz]				3734.01	3750	3765.99	
80	PI/2 BPSK	1	1	18.58	18.53	18.48	19.40
Channel				629032	650000	671000	Tune-up Limit [dBm]
Frequency [MHz]				3730	3750	3770	
70	PI/2 BPSK	1	1	18.49	18.59	18.43	19.40
Channel				628790	650000	671332	Tune-up Limit [dBm]
Frequency [MHz]				3726.52	3750	3776.68	
60	PI/2 BPSK	1	1	18.51	18.60	18.48	19.40
Channel				628228	650000	671998	Tune-up Limit [dBm]
Frequency [MHz]				3723.11	3750	3776.89	
50	PI/2 BPSK	1	1	18.58	18.63	18.54	19.40
Channel				627666	650000	672334	Tune-up Limit [dBm]
Frequency [MHz]				3719.7	3750	3780.3	
40	PI/2 BPSK	1	1	18.57	18.59	18.49	19.40
Channel				627666	650000	672334	Tune-up Limit [dBm]
Frequency [MHz]				3719.7	3750	3780.3	
30	PI/2 BPSK	1	1	18.52	18.52	18.46	19.40
Channel				627333	650000	672667	Tune-up Limit [dBm]
Frequency [MHz]				3716.63	3750	3783.37	
25	PI/2 BPSK	1	1	18.51	18.53	18.58	19.40
Channel				627166	650000	672834	Tune-up Limit [dBm]
Frequency [MHz]				3714.91	3750	3785.09	
20	PI/2 BPSK	1	1	18.47	18.53	18.49	19.40
Channel				627166	650000	672834	Tune-up Limit [dBm]
Frequency [MHz]				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.49	18.58	18.52	19.40
Channel				627000	650000	673000	Tune-up Limit [dBm]
Frequency [MHz]				3709	3750	3791	
10	PI/2 BPSK	1	1	18.48	18.64	18.45	19.40

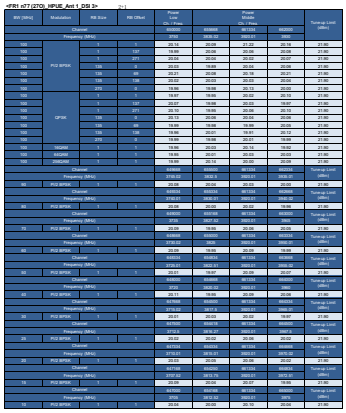
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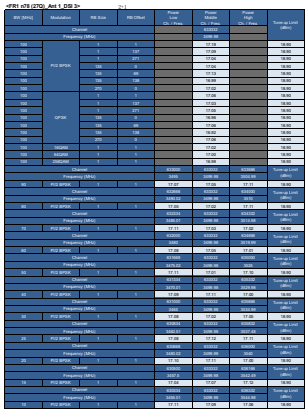
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				633332			
Frequency [MHz]				3699.98			
100		1	1	17.19			18.60
100		1	137	16.99			18.60
100		1	271	16.99			18.60
100	PI/2 BPSK	136	0	16.93			18.60
100		136	68	17.08			18.60
100		136	136	17.21			18.60
100		270	0	17.00			18.60
100		1	1	16.94			18.60
100		1	137	17.09			18.60
100		1	271	16.99			18.60
100	QPSK	136	0	16.99			18.60
100		136	68	17.10			18.60
100		136	136	17.27			18.60
100		270	0	17.02			18.60
100	16QAM	1	1	17.04			18.60
100	64QAM	1	1	17.08			18.60
100	256QAM	1	1	17.13			18.60
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3699	3699.98	3700.98	
90	PI/2 BPSK	1	1	16.91	17.00	16.99	18.60
Channel				632868	633332	633799	Tune-up Limit [dBm]
Frequency [MHz]				3697.53	3699.98	3702	
80	PI/2 BPSK	1	1	16.90	16.93	16.95	18.60
Channel				632535	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3695.07	3699.98	3704.98	
70	PI/2 BPSK	1	1	16.95	17.00	16.99	18.60
Channel				632202	633332	634665	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.98	3710	
60	PI/2 BPSK	1	1	16.91	16.97	16.99	18.60
Channel				631869	633332	634798	Tune-up Limit [dBm]
Frequency [MHz]				3687.57	3699.98	3712.39	
50	PI/2 BPSK	1	1	16.89	16.99	16.98	18.60
Channel				631536	633332	635130	Tune-up Limit [dBm]
Frequency [MHz]				3682.62	3699.98	3717.34	
40	PI/2 BPSK	1	1	16.89	16.96	16.98	18.60
Channel				631203	633332	635463	Tune-up Limit [dBm]
Frequency [MHz]				3678.15	3699.98	3721.81	
30	PI/2 BPSK	1	1	16.89	16.99	16.90	18.60
Channel				630870	633332	635796	Tune-up Limit [dBm]
Frequency [MHz]				3673.68	3699.98	3726.28	
25	PI/2 BPSK	1	1	16.84	16.97	16.92	18.60
Channel				630704	633332	635962	Tune-up Limit [dBm]
Frequency [MHz]				3671.46	3699.98	3728.5	
20	PI/2 BPSK	1	1	16.84	17.01	16.93	18.60
Channel				630537	633332	636128	Tune-up Limit [dBm]
Frequency [MHz]				3667.41	3699.98	3732.55	
15	PI/2 BPSK	1	1	16.87	16.99	16.93	18.60
Channel				630204	633332	636460	Tune-up Limit [dBm]
Frequency [MHz]				3663.36	3699.98	3736.59	
10	PI/2 BPSK	1	1	16.83	16.94	16.87	18.60

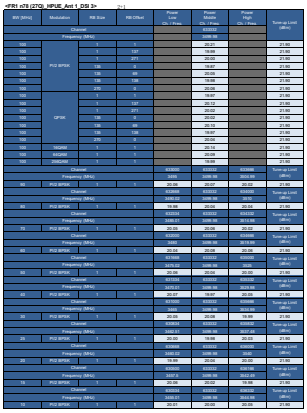
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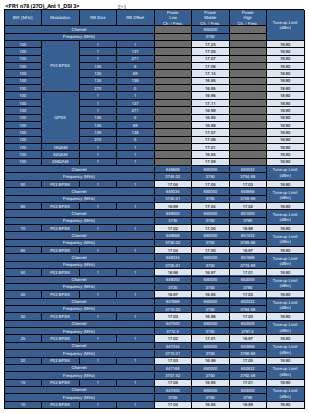
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				633332			
Frequency [MHz]				3699.98			
100		1	1	20.20			21.60
100		1	137	20.08			21.60
100		1	271	19.99			21.60
100	PI/2 BPSK	136	0	20.05			21.60
100		136	68	20.19			21.60
100		136	136	20.19			21.60
100		270	0	20.03			21.60
100		1	1	19.97			21.60
100		1	137	20.05			21.60
100		1	271	20.05			21.60
100	QPSK	136	0	20.01			21.60
100		136	68	20.04			21.60
100		136	136	20.01			21.60
100		270	0	19.99			21.60
100	16QAM	1	1	20.00			21.60
100	64QAM	1	1	20.03			21.60
100	256QAM	1	1	20.04			21.60
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3699	3699.98	3700.98	
90	PI/2 BPSK	1	1	20.01	19.99	19.96	21.60
Channel				632868	633332	633799	Tune-up Limit [dBm]
Frequency [MHz]				3697.53	3699.98	3702	
80	PI/2 BPSK	1	1	20.02	20.10	20.08	21.60
Channel				632535	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3695.07	3699.98	3704.98	
70	PI/2 BPSK	1	1	20.02	20.08	20.06	21.60
Channel				632202	633332	634665	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.98	3710	
60	PI/2 BPSK	1	1	20.04	19.99	20.10	21.60
Channel				631869	633332	634798	Tune-up Limit [dBm]
Frequency [MHz]				3687.57	3699.98	3712.39	
50	PI/2 BPSK	1	1	20.09	20.09	20.03	21.60
Channel				631536	633332	635130	Tune-up Limit [dBm]
Frequency [MHz]				3682.62	3699.98	3717.34	
40	PI/2 BPSK	1	1	20.06	20.01	20.04	21.60
Channel				631203	633332	635463	Tune-up Limit [dBm]
Frequency [MHz]				3678.15	3699.98	3721.81	
30	PI/2 BPSK	1	1	20.04	20.07	20.14	21.60
Channel				630870	633332	635796	Tune-up Limit [dBm]
Frequency [MHz]				3673.68	3699.98	3726.28	
25	PI/2 BPSK	1	1	20.04	20.05	20.06	21.60
Channel				630704	633332	635962	Tune-up Limit [dBm]
Frequency [MHz]				3671.46	3699.98	3728.5	
20	PI/2 BPSK	1	1	20.10	20.03	20.10	21.60
Channel				630537	633332	636128	Tune-up Limit [dBm]
Frequency [MHz]				3667.41	3699.98	3732.55	
15	PI/2 BPSK	1	1	20.09	20.03	20.06	21.60
Channel				630204	633332	636460	Tune-up Limit [dBm]
Frequency [MHz]				3663.36	3699.98	3736.59	
10	PI/2 BPSK	1	1	20.10	20.04	20.06	21.60

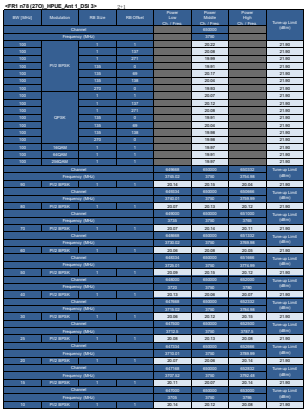












<FR1 n2_Ant 3_DSI 6> 3+2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	19.92	20.28	19.99	20.80
40		1	108	19.95	20.06	19.92	20.80
40		1	214	19.94	20.12	19.94	20.80
40	PI/2 BPSK	108	0	19.90	20.20	19.89	20.80
40		108	54	19.97	20.15	19.83	20.80
40		108	108	20.06	20.15	19.88	20.80
40		216	0	19.93	20.17	20.00	20.80
40		1	1	20.08	20.14	19.87	20.80
40		1	108	19.98	20.12	20.03	20.80
40		1	214	19.92	20.10	19.95	20.80
40	QPSK	108	0	19.90	20.23	19.93	20.80
40		108	54	19.94	20.10	19.92	20.80
40		108	108	20.07	20.18	19.95	20.80
40		216	0	19.95	20.11	19.83	20.80
40	16QAM	1	1	19.96	20.21	19.95	20.80
40	64QAM	1	1	20.02	20.10	19.93	20.80
40	256QAM	1	1	19.99	20.18	20.03	20.80
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.97	20.07	20.03	20.80
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	19.97	20.17	19.93	20.80
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.02	20.08	19.95	20.80
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.05	20.07	19.99	20.80
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.04	20.10	20.03	20.80
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.02	20.10	19.95	20.80
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.95	20.16	19.96	20.80

<FR1 n7_Ant 3_DSI 6> 3+2&3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505500	507000	508500	
Frequency (MHz)				2525	2535	2545	
50		1	1	17.53	17.56	17.54	18.10
50		1	135	17.41	17.46	17.27	18.10
50		1	268	17.28	17.42	17.29	18.10
50	PI/2 BPSK	135	0	17.33	17.39	17.30	18.10
50		135	68	17.50	17.64	17.36	18.10
50		135	135	17.37	17.51	17.40	18.10
50		270	0	17.28	17.63	17.22	18.10
50		1	1	17.43	17.41	17.33	18.10
50		1	135	17.34	17.35	17.24	18.10
50		1	268	17.26	17.31	17.21	18.10
50	QPSK	135	0	17.22	17.40	17.29	18.10
50		135	68	17.21	17.34	17.21	18.10
50		135	135	17.38	17.35	17.31	18.10
50		270	0	17.27	17.34	17.11	18.10
50	16QAM	1	1	17.28	17.45	17.36	18.10
50	64QAM	1	1	17.31	17.32	17.27	18.10
50	256QAM	1	1	17.33	17.47	17.35	18.10
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.41	17.40	17.27	18.10
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	17.40	17.40	17.32	18.10
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	17.37	17.43	17.32	18.10
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.34	17.43	17.36	18.10
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.33	17.36	17.28	18.10
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.40	17.44	17.33	18.10
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.38	17.44	17.31	18.10
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.34	17.46	17.28	18.10

<FR1 n25_Ant 3_DSI 6> 3+2&3+2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	20.07	20.35	20.05	20.80
40		1	108	20.10	20.22	20.08	20.80
40		1	214	20.10	20.21	19.99	20.80
40	PI/2 BPSK	108	0	20.04	20.28	20.01	20.80
40		108	54	20.02	20.28	19.96	20.80
40		108	108	20.12	20.23	19.99	20.80
40		216	0	20.08	20.30	20.06	20.80
40		1	1	20.14	20.28	19.98	20.80
40		1	108	20.02	20.27	20.08	20.80
40		1	214	20.06	20.23	20.03	20.80
40	QPSK	108	0	20.03	20.31	20.06	20.80
40		108	54	20.03	20.24	19.96	20.80
40		108	108	20.11	20.28	20.01	20.80
40		216	0	20.07	20.25	19.98	20.80
40	16QAM	1	1	20.05	20.27	20.00	20.80
40	64QAM	1	1	20.08	20.23	20.07	20.80
40	256QAM	1	1	20.11	20.22	20.07	20.80
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	20.06	20.25	20.02	20.80
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.02	20.23	20.04	20.80
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.06	20.27	19.98	20.80
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.05	20.20	19.99	20.80
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.12	20.25	20.01	20.80
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.05	20.31	20.05	20.80
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.11	20.28	20.08	20.80

<FR1 n30_Ant 3_DSI 6> 3+2

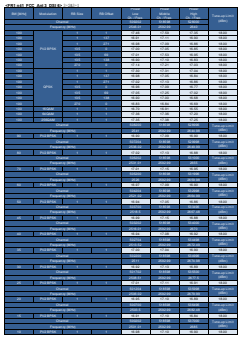
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.89		20.50
10		1	26		19.85		20.50
10		1	50		19.78		20.50
10		25	0		19.81		20.50
10		25	14		19.78		20.50
10		25	27		19.83		20.50
10		50	0		19.77		20.50
10	QPSK	1	1		19.78		20.50
10		1	26		19.78		20.50
10		1	50		19.81		20.50
10		25	0		19.87		20.50
10		25	14		19.87		20.50
10		25	27		19.78		20.50
10		50	0		19.79		20.50
10	16QAM	1	1		19.80		20.50
10	64QAM	1	1		19.77		20.50
10	256QAM	1	1		19.83		20.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.86	19.88	19.81	20.50

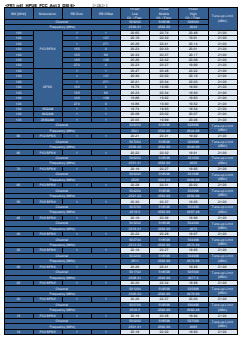
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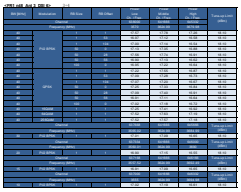
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		18.89		19.50
10		1	26		18.85		19.50
10		1	50		18.76		19.50
10		25	0		18.75		19.50
10		25	14		18.80		19.50
10		25	27		18.84		19.50
10		50	0		18.77		19.50
10	QPSK	1	1		18.81		19.50
10		1	26		18.72		19.50
10		1	50		18.86		19.50
10		25	0		18.85		19.50
10		25	14		18.84		19.50
10		25	27		18.76		19.50
10		50	0		18.79		19.50
10	16QAM	1	1		18.81		19.50
10	64QAM	1	1		18.74		19.50
10	256QAM	1	1		18.85		19.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.81	18.83	18.85	19.50

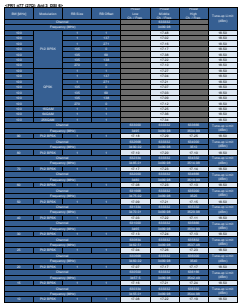
<FR1 n66_Ant 3_DSI 6> 3+2

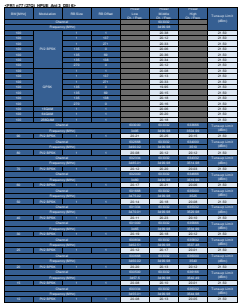
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.68	20.95	20.73	21.30
45		1	120	20.63	20.86	20.76	21.30
45		1	240	20.70	20.89	20.70	21.30
45		120	0	20.62	20.90	20.74	21.30
45		120	60	20.64	20.87	20.73	21.30
45		120	120	20.65	20.91	20.73	21.30
45		240	0	20.67	20.92	20.78	21.30
45	QPSK	1	1	20.61	20.89	20.72	21.30
45		1	120	20.65	20.85	20.71	21.30
45		1	240	20.68	20.82	20.72	21.30
45		120	0	20.64	20.88	20.68	21.30
45		120	60	20.67	20.89	20.75	21.30
45		120	120	20.72	20.86	20.78	21.30
45		240	0	20.70	20.84	20.77	21.30
45	16QAM	1	1	20.71	20.89	20.79	21.30
45	64QAM	1	1	20.69	20.84	20.68	21.30
45	256QAM	1	1	20.68	20.93	20.78	21.30
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.66	20.88	20.76	21.30
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.72	20.82	20.70	21.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.71	20.93	20.77	21.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.71	20.86	20.79	21.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.65	20.89	20.72	21.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.70	20.83	20.72	21.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.71	20.88	20.72	21.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.72	20.92	20.68	21.30

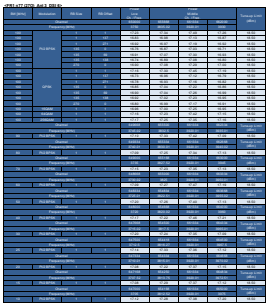


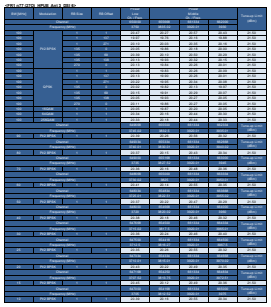


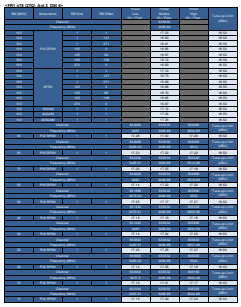


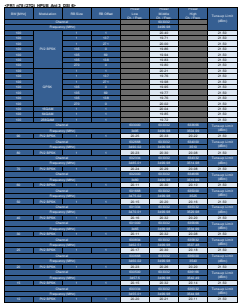


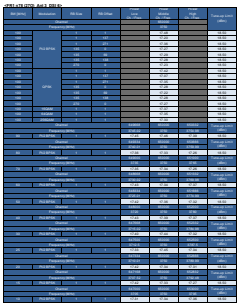


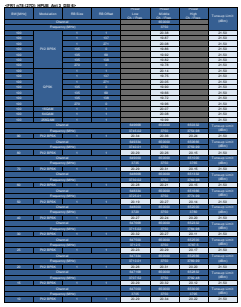












<FR1 n48_Ant 4_DSI 6> 3-4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low dBm / Chan	Power Middle dBm / Chan	Power High dBm / Chan	Tune-up Limit (dBm)
Channel				636000	641666	645332	
Frequency (MHz)				3610	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.33	17.55	17.41	18.10
40		1	53	17.33	17.47	17.43	18.10
40		1	104	17.33	17.41	17.35	18.10
40		50	0	17.26	17.47	17.42	18.10
40		50	28	17.31	17.50	17.41	18.10
40		50	56	17.29	17.40	17.34	18.10
40		100	0	17.27	17.49	17.36	18.10
40	QPSK	1	1	17.34	17.46	17.35	18.10
40		1	53	17.31	17.35	17.42	18.10
40		1	104	17.24	17.47	17.43	18.10
40		50	0	17.26	17.42	17.39	18.10
40		50	28	17.30	17.45	17.42	18.10
40		50	56	17.34	17.43	17.38	18.10
40		100	0	17.28	17.49	17.42	18.10
40	16QAM	1	1	17.35	17.46	17.37	18.10
40	64QAM	1	1	17.26	17.49	17.35	18.10
40	256QAM	1	1	17.35	17.38	17.36	18.10
Channel				637668	641666	645665	Tune-up Limit (dBm)
Frequency (MHz)				3585.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.33	17.39	17.35	18.10
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3580.91	3624.99	3690	
20	PI/2 BPSK	1	1	17.32	17.47	17.44	18.10
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3577.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.25	17.46	17.40	18.10
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3575	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.29	17.44	17.34	18.10

<FR1 n48_Ant 4_DSI 6> 2-4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low dBm / Chan	Power Middle dBm / Chan	Power High dBm / Chan	Tune-up Limit (dBm)
Channel				636000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.31	20.58	20.43	22.10
40		1	53	20.30	20.44	20.46	22.10
40		1	104	20.30	20.39	20.39	22.10
40		50	0	20.26	20.45	20.42	22.10
40		50	28	20.30	20.45	20.38	22.10
40		50	56	20.34	20.45	20.30	22.10
40		100	0	20.33	20.50	20.33	22.10
40	QPSK	1	1	20.33	20.52	20.36	22.10
40		1	53	20.25	20.44	20.43	22.10
40		1	104	20.30	20.49	20.37	22.10
40		50	0	20.25	20.39	20.40	22.10
40		50	28	20.31	20.40	20.38	22.10
40		50	56	20.40	20.43	20.44	22.10
40		100	0	20.31	20.55	20.44	22.10
40	16QAM	1	1	20.29	20.55	20.35	22.10
40	64QAM	1	1	20.20	20.45	20.36	22.10
40	256QAM	1	1	20.32	20.43	20.38	21.09
Channel				637668	641666	645665	Tune-up Limit (dBm)
Frequency (MHz)				3585.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.34	20.46	20.44	22.10
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3580.91	3624.99	3690	
20	PI/2 BPSK	1	1	20.31	20.53	20.39	22.10
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3577.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.27	20.43	20.43	22.10
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3575	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.29	20.45	20.39	22.10

<FR1 n77 (27Q)_Ant 4_DSI 6> 3-4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low dBm / Chan	Power Middle dBm / Chan	Power High dBm / Chan	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.68		18.50
100		1	137		17.54		18.50
100		1	271		17.58		18.50
100		135	0		17.53		18.50
100		135	69		17.58		18.50
100		135	138		17.41		18.50
100		270	0		17.63		18.50
100	QPSK	1	1		17.52		18.50
100		1	137		17.53		18.50
100		1	271		17.64		18.50
100		135	0		17.65		18.50
100		135	69		17.53		18.50
100		135	138		17.51		18.50
100		270	0		17.62		18.50
100	16QAM	1	1		17.59		18.50
100	64QAM	1	1		17.63		18.50
100	256QAM	1	1		17.64		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.52	17.54	17.47	18.50
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.82	3499.98	3513	
80	PI/2 BPSK	1	1	17.52	17.49	17.50	18.50
Channel				632514	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.49	17.50	17.56	18.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.51	17.57	17.49	18.50
Channel				631668	633332	634932	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.48	17.54	17.53	18.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.49	17.51	17.56	18.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.57	17.54	17.51	18.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.54	17.54	17.54	18.50
Channel				630668	633332	635999	Tune-up Limit (dBm)
Frequency (MHz)				3460.52	3499.98	3540	
20	PI/2 BPSK	1	1	17.56	17.56	17.56	18.50
Channel				630502	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.58	17.52	17.49	18.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.55	17.49	17.53	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	0		20.71		21.50
100		1	137		20.60		21.50
100		1	271		20.61		21.50
100	PI/2 BPSK	135	0		20.62		21.50
100		135	69		20.70		21.50
100		135	138		20.46		21.50
100		270	0		20.45		21.50
100		1	0		20.51		21.50
100		1	137		20.57		21.50
100		1	271		20.47		21.50
100	QPSK	135	0		20.56		21.50
100		135	69		20.45		21.50
100		135	138		20.61		21.50
100		270	0		20.56		21.50
100	16QAM	1	1		20.57		21.50
100	64QAM	1	1		20.62		21.50
100	256QAM	1	1		20.59		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.66	20.56	20.61	21.50
Channel				633668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3497.02	3499.98	3513	
80	PI/2 BPSK	1	1	20.57	20.59	20.58	21.50
Channel				633334	633332	633330	Tune-up Limit (dBm)
Frequency (MHz)				3465.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.66	20.59	20.56	21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3518.99	
60	PI/2 BPSK	1	1	20.57	20.57	20.62	21.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3473.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.67	20.59	20.65	21.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.60	20.65	20.61	21.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3466	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.62	20.55	20.57	21.50
Channel				630834	633332	633832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.66	20.65	20.62	21.50
Channel				630668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.66	20.64	20.56	21.50
Channel				630502	633332	634166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.58	20.57	20.64	21.50
Channel				630334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.58	20.65	20.56	21.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Tune-up Limit (dBm)
Channel				650000	655666	661334	662000
Frequency (MHz)				3720	3436.02	3500.01	3930
100		1	0	17.80	17.75	17.86	17.66	18.50
100		1	137	17.66	17.68	17.65	17.66	18.50
100		1	271	17.65	17.63	17.63	17.70	18.50
100	PI/2 BPSK	135	0	17.73	17.74	17.64	17.64	18.50
100		135	69	17.70	17.79	17.83	17.82	18.50
100		135	138	17.72	17.62	17.64	17.57	18.50
100		270	0	17.58	17.67	17.72	17.67	18.50
100		1	0	17.71	17.60	17.64	17.62	18.50
100		1	137	17.62	17.64	17.53	17.65	18.50
100		1	271	17.73	17.55	17.62	17.63	18.50
100	QPSK	135	0	17.72	17.66	17.66	17.66	18.50
100		135	69	17.60	17.73	17.64	17.65	18.50
100		135	138	17.70	17.68	17.69	17.72	18.50
100		270	0	17.56	17.71	17.64	17.66	18.50
100	16QAM	1	1	17.71	17.68	17.69	17.64	18.50
100	64QAM	1	1	17.64	17.61	17.62	17.66	18.50
100	256QAM	1	1	17.61	17.57	17.67	17.68	18.50
Channel				649668	655666	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3432.5	3500.01	3935.01	
90	PI/2 BPSK	1	1	17.68	17.69	17.60	17.65	18.50
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3743.51	3430.01	3500.01	3940.02	
80	PI/2 BPSK	1	1	17.65	17.64	17.60	17.72	18.50
Channel				649000	655168	661334	663002	Tune-up Limit (dBm)
Frequency (MHz)				3735	3427.52	3500.01	3945	
70	PI/2 BPSK	1	1	17.65	17.64	17.62	17.70	18.50
Channel				649668	655666	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3425	3500.01	3955.01	
60	PI/2 BPSK	1	1	17.72	17.63	17.63	17.75	18.50
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3422.51	3500.01	3965.02	
50	PI/2 BPSK	1	1	17.68	17.61	17.61	17.70	18.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3420.02	3500.01	3980	
40	PI/2 BPSK	1	1	17.69	17.69	17.59	17.70	18.50
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3417.5	3500.01	3985.01	
30	PI/2 BPSK	1	1	17.73	17.68	17.63	17.73	18.50
Channel				647332	654418	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3416.27	3500.01	3987.5	
25	PI/2 BPSK	1	1	17.75	17.61	17.58	17.74	18.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3415.01	3500.01	3970.02	
20	PI/2 BPSK	1	1	17.74	17.62	17.68	17.66	18.50
Channel				647168	654252	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3413.75	3500.01	3972.51	
15	PI/2 BPSK	1	1	17.64	17.63	17.64	17.73	18.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3412.52	3500.01	3975	
10	PI/2 BPSK	1	1	17.64	17.65	17.66	17.69	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Tune-up Limit (dBm)
Channel				650000	655668	661334	662000
Frequency (MHz)				3720	3436.02	3500.01	3930
100		1	0	20.67	20.61	20.85	20.74	21.50
100		1	137	20.70	20.67	20.70	20.66	21.50
100		1	271	20.70	20.62	20.69	20.61	21.50
100	PI/2 BPSK	135	0	20.69	20.64	20.82	20.61	21.50
100		135	69	20.67	20.78	20.73	20.71	21.50
100		135	138	20.57	20.64	20.58	20.60	21.50
100		270	0	20.72	20.61	20.67	20.68	21.50
100		1	0	20.59	20.69	20.71	20.74	21.50
100		1	137	20.70	20.70	20.59	20.64	21.50
100		1	271	20.63	20.66	20.77	20.56	21.50
100	QPSK	135	0	20.70	20.66	20.71	20.54	21.50
100		135	69	20.61	20.73	20.81	20.62	21.50
100		135	138	20.62	20.71	20.61	20.67	21.50
100		270	0	20.68	20.69	20.70	20.59	21.50
100	16QAM	1	1	20.67	20.64	20.58	20.65	21.50
100	64QAM	1	1	20.62	20.65	20.63	20.61	21.50
100	256QAM	1	1	20.70	20.64	20.63	20.73	21.50
Channel				649668	655666	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3432.5	3500.01	3935.01	
90	PI/2 BPSK	1	1	20.74	20.62	20.85	20.57	21.50
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3743.51	3430.01	3500.01	3940.02	
80	PI/2 BPSK	1	1	20.64	20.62	20.86	20.67	21.50
Channel				649000	655168	661334	663002	Tune-up Limit (dBm)
Frequency (MHz)				3735	3427.52	3500.01	3945	
70	PI/2 BPSK	1	1	20.66	20.69	20.72	20.67	21.50
Channel				649668	655666	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3425	3500.01	3955.01	
60	PI/2 BPSK	1	1	20.62	20.62	20.67	20.62	21.50
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3422.51	3500.01	3965.02	
50	PI/2 BPSK	1	1	20.68	20.62	20.69	20.63	21.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3420.02	3500.01	3980	
40	PI/2 BPSK	1	1	20.67	20.62	20.67	20.60	21.50
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3417.5	3500.01	3985.01	
30	PI/2 BPSK	1	1	20.74	20.63	20.84	20.58	21.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3416.27	3500.01	3987.5	
25	PI/2 BPSK	1	1	20.73	20.59	20.68	20.65	21.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3415.01	3500.01	3970.02	
20	PI/2 BPSK	1	1	20.71	20.59	20.70	20.65	21.50
Channel				647168	654252	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3413.75	3500.01	3972.51	
15	PI/2 BPSK	1	1	20.71	20.66	20.67	20.62	21.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3412.52	3500.01	3975	
10	PI/2 BPSK	1	1	20.74	20.65	20.66	20.57	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					633332		
Frequency (MHz)					3499.98		
100		1	0		17.66		18.50
100		1	137		17.40		18.50
100		1	271		17.47		18.50
100	PI/2 BPSK	135	0		17.47		18.50
100		135	69		17.65		18.50
100		135	138		17.47		18.50
100		270	0		17.47		18.50
100		1	0		17.46		18.50
100		1	137		17.42		18.50
100		1	271		17.40		18.50
100	QPSK	135	0		17.46		18.50
100		135	69		17.39		18.50
100		135	138		17.46		18.50
100		270	0		17.49		18.50
100	16QAM	1	1		17.44		18.50
100	64QAM	1	1		17.42		18.50
100	256QAM	1	1		17.26		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.43	17.43	17.42	18.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.46	17.45	17.41	18.50
Channel				632334	633332	634330	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.42	17.40	17.40	18.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.47	17.43	17.42	18.50
Channel				631668	633332	634996	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.42	17.37	17.46	18.50
Channel				631334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.48	17.46	17.39	18.50
Channel				631000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.43	17.48	17.44	18.50
Channel				630834	633332	633832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.43	17.43	17.48	18.50
Channel				630668	633332	633665	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.45	17.42	17.45	18.50
Channel				630502	633332	633798	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.40	17.46	17.40	18.50
Channel				630334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.44	17.45	17.49	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	0		20.78		21.50
100		1	137		20.66		21.50
100		1	271		20.69		21.50
100	PI/2 BPSK	135	0		20.65		21.50
100		135	69		20.76		21.50
100		135	138		20.63		21.50
100		270	0		20.67		21.50
100		1	0		20.61		21.50
100		1	137		20.72		21.50
100		1	271		20.62		21.50
100	QPSK	135	0		20.76		21.50
100		135	69		20.71		21.50
100		135	138		20.73		21.50
100		270	0		20.67		21.50
100	16QAM	1	1		20.71		21.50
100	64QAM	1	1		20.62		21.50
100	256QAM	1	1		20.57		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.61	20.63	20.66	21.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.65	20.57	20.66	21.50
Channel				632334	633332	634330	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.64	20.65	20.57	21.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.57	20.55	20.59	21.50
Channel				631668	633332	634996	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.56	20.66	20.59	21.50
Channel				631334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.66	20.67	20.67	21.50
Channel				631000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.59	20.58	20.58	21.50
Channel				630834	633332	633832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.66	20.55	20.67	21.50
Channel				630668	633332	633665	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.55	20.57	20.65	21.50
Channel				630502	633332	633798	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.57	20.59	20.57	21.50
Channel				630334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.57	20.59	20.62	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					650000		
Frequency (MHz)					3750		
100		1	0		17.63		18.50
100		1	137		17.48		18.50
100		1	271		17.42		18.50
100	PI/2 BPSK	135	0		17.44		18.50
100		135	69		17.62		18.50
100		135	138		17.41		18.50
100		270	0		17.41		18.50
100		1	0		17.45		18.50
100		1	137		17.45		18.50
100		1	271		17.52		18.50
100	QPSK	135	0		17.43		18.50
100		135	69		17.38		18.50
100		135	138		17.43		18.50
100		270	0		17.46		18.50
100	16QAM	1	1		17.43		18.50
100	64QAM	1	1		17.48		18.50
100	256QAM	1	1		17.44		18.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.43	17.45	17.47	18.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.44	17.48	17.38	18.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.45	17.46	17.41	18.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.45	17.42	17.44	18.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.49	17.48	17.42	18.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.46	17.44	17.42	18.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.44	17.47	17.47	18.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.42	17.41	17.46	18.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.41	17.49	17.38	18.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.46	17.43	17.44	18.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.44	17.44	17.43	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Spec.	Power Middle Ch. / Spec.	Power High Ch. / Spec.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		20.67		21.50
100		1	137		20.62		21.50
100		1	273		20.57		21.50
100	PI/2 BPSK	135	0		20.61		21.50
100		135	69		20.66		21.50
100		135	138		20.67		21.50
100		270	0		20.54		21.50
100		1	1		20.74		21.50
100		1	137		20.67		21.50
100		1	271		20.68		21.50
100	QPSK	135	0		20.75		21.50
100		135	69		20.68		21.50
100		135	138		20.67		21.50
100		270	0		20.73		21.50
100	16QAM	1	1		20.65		21.50
100	64QAM	1	1		20.63		21.50
100	256QAM	1	1		20.69		21.50
Channel				649665	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.66	20.73	20.67	21.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.70	20.69	20.61	21.50
Channel				649002	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3730	3750	3765	
70	PI/2 BPSK	1	1	20.64	20.69	20.63	21.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.64	20.70	20.63	21.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.72	20.69	20.66	21.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.67	20.68	20.62	21.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.62	20.66	20.71	21.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.65	20.61	20.68	21.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.66	20.64	20.70	21.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.65	20.68	20.71	21.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.72	20.68	20.63	21.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Spec.	Power Middle Ch. / Spec.	Power High Ch. / Spec.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		17.68		18.50
100		1	137		17.54		18.50
100		1	271		17.58		18.50
100	PI/2 BPSK	135	0		17.53		18.50
100		135	69		17.58		18.50
100		135	138		17.61		18.50
100		270	0		17.63		18.50
100		1	1		17.52		18.50
100		1	137		17.53		18.50
100		1	271		17.64		18.50
100	QPSK	135	0		17.65		18.50
100		135	69		17.63		18.50
100		135	138		17.51		18.50
100		270	0		17.62		18.50
100	16QAM	1	1		17.50		18.50
100	64QAM	1	1		17.65		18.50
100	256QAM	1	1		17.64		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3496	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.52	17.54	17.47	18.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.52	17.49	17.50	18.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.49	17.50	17.56	18.50
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.53	17.57	17.49	18.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.48	17.54	17.53	18.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.49	17.51	17.50	18.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.57	17.54	17.51	18.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.54	17.54	17.54	18.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.56	17.56	17.56	18.50
Channel				630502	633332	636162	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.56	17.52	17.49	18.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.55	17.49	17.53	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Spec.	Power Middle Ch. / Spec.	Power High Ch. / Spec.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		20.71		21.50
100		1	137		20.60		21.50
100		1	271		20.61		21.50
100	PI/2 BPSK	135	0		20.62		21.50
100		135	69		20.70		21.50
100		135	138		20.46		21.50
100		270	0		20.45		21.50
100		1	1		20.51		21.50
100		1	137		20.57		21.50
100		1	271		20.47		21.50
100	QPSK	135	0		20.58		21.50
100		135	69		20.45		21.50
100		135	138		20.61		21.50
100		270	0		20.56		21.50
100	16QAM	1	1		20.57		21.50
100	64QAM	1	1		20.62		21.50
100	256QAM	1	1		20.59		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3496	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.66	20.56	20.61	21.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.57	20.59	20.58	21.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.66	20.59	20.56	21.50
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.57	20.57	20.65	21.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.67	20.59	20.65	21.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.65	20.65	20.61	21.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.62	20.55	20.57	21.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.66	20.65	20.62	21.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.66	20.64	20.56	21.50
Channel				630502	633332	636162	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.58	20.57	20.64	21.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.58	20.65	20.56	21.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Tune-up Limit (dBm)
Channel				650000	655668	661334	662000
Frequency (MHz)				3750	3830.52	3920.01	3930
100		1	0	17.80	17.75	17.86	17.71	18.50
100		1	137	17.68	17.68	17.65	17.71	18.50
100		1	273	17.65	17.63	17.63	17.75	18.50
100	PI/2 BPSK	135	0	17.73	17.74	17.64	17.69	18.50
100		135	69	17.70	17.79	17.63	17.87	18.50
100		135	138	17.72	17.62	17.64	17.62	18.50
100		270	0	17.58	17.67	17.72	17.72	18.50
100		1	0	17.71	17.60	17.64	17.67	18.50
100		1	137	17.62	17.64	17.53	17.70	18.50
100		1	271	17.73	17.55	17.62	17.68	18.50
100	QPSK	135	0	17.72	17.66	17.66	17.71	18.50
100		135	69	17.60	17.73	17.64	17.70	18.50
100		135	138	17.70	17.68	17.69	17.77	18.50
100		270	0	17.56	17.71	17.64	17.71	18.50
100	16QAM	1	0	17.71	17.68	17.69	17.69	18.50
100	64QAM	1	0	17.64	17.61	17.62	17.71	18.50
100	256QAM	1	0	17.61	17.57	17.67	17.73	18.50
Channel				654668	655336	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3932.01	
90	PI/2 BPSK	1	0	17.68	17.69	17.69	17.68	18.50
Channel				654334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	0	17.65	17.64	17.69	17.75	18.50
Channel				654000	655168	661334	662000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	0	17.65	17.64	17.62	17.72	18.50
Channel				653664	655000	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	0	17.72	17.63	17.63	17.76	18.50
Channel				653334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	0	17.68	17.61	17.61	17.74	18.50
Channel				653000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	0	17.69	17.69	17.59	17.75	18.50
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	0	17.73	17.68	17.63	17.78	18.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3815.27	3920.01	3967.5	
25	PI/2 BPSK	1	0	17.75	17.61	17.58	17.76	18.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	0	17.74	17.62	17.68	17.69	18.50
Channel				647168	654252	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	0	17.64	17.63	17.64	17.76	18.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	0	17.64	17.65	17.66	17.72	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3830.52	3920.01	3930	
100		1	0	20.67	20.61	20.85	20.79	21.50
100		1	137	20.70	20.67	20.70	20.71	21.50
100		1	273	20.70	20.62	20.69	20.66	21.50
100	PI/2 BPSK	135	0	20.69	20.64	20.82	20.66	21.50
100		135	69	20.67	20.76	20.73	20.76	21.50
100		135	138	20.57	20.64	20.59	20.65	21.50
100		270	0	20.72	20.61	20.67	20.73	21.50
100		1	0	20.59	20.68	20.71	20.79	21.50
100		1	137	20.70	20.75	20.58	20.69	21.50
100		1	271	20.63	20.66	20.77	20.61	21.50
100	QPSK	135	0	20.70	20.66	20.71	20.59	21.50
100		135	69	20.61	20.73	20.61	20.67	21.50
100		135	138	20.62	20.71	20.61	20.72	21.50
100		270	0	20.68	20.69	20.70	20.64	21.50
100	16QAM	1	0	20.67	20.64	20.58	20.70	21.50
100	64QAM	1	0	20.62	20.65	20.63	20.66	21.50
100	256QAM	1	0	20.70	20.64	20.63	20.78	21.50
Channel				654668	655336	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3932.01	
90	PI/2 BPSK	1	0	20.74	20.62	20.85	20.59	21.50
Channel				654334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	0	20.64	20.62	20.66	20.69	21.50
Channel				654000	655168	661334	662000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	0	20.66	20.66	20.72	20.70	21.50
Channel				653664	655000	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	0	20.62	20.63	20.67	20.69	21.50
Channel				653334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	0	20.68	20.62	20.69	20.69	21.50
Channel				653000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	0	20.67	20.62	20.67	20.65	21.50
Channel				647668	654500	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	0	20.74	20.63	20.64	20.66	21.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3815.27	3920.01	3967.5	
25	PI/2 BPSK	1	0	20.73	20.59	20.68	20.68	21.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	0	20.71	20.59	20.70	20.69	21.50
Channel				647168	654252	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	0	20.71	20.66	20.67	20.62	21.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	0	20.74	20.65	20.68	20.69	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					633332		
Frequency (MHz)					3499.99		
100		1	0		17.66		18.50
100		1	137		17.40		18.50
100		1	273		17.47		18.50
100	PI/2 BPSK	135	0		17.47		18.50
100		135	69		17.65		18.50
100		135	138		17.47		18.50
100		270	0		17.47		18.50
100		1	0		17.46		18.50
100		1	137		17.42		18.50
100		1	271		17.40		18.50
100	QPSK	135	0		17.48		18.50
100		135	69		17.39		18.50
100		135	138		17.46		18.50
100		270	0		17.46		18.50
100	16QAM	1	0		17.44		18.50
100	64QAM	1	0		17.42		18.50
100	256QAM	1	0		17.36		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.99	3504.99	
90	PI/2 BPSK	1	0	17.43	17.43	17.42	18.50
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3514	
80	PI/2 BPSK	1	0	17.46	17.45	17.41	18.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	0	17.42	17.40	17.40	18.50
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.96	
60	PI/2 BPSK	1	0	17.47	17.49	17.42	18.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	0	17.42	17.37	17.46	18.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	0	17.48	17.46	17.39	18.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	0	17.43	17.48	17.44	18.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	0	17.43	17.42	17.48	18.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	0	17.45	17.42	17.45	18.50
Channel				630502	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	0	17.46	17.48	17.40	18.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	0	17.44	17.45	17.49	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		20.78		21.50
100		1	137		20.66		21.50
100		1	271		20.69		21.50
100	PI/2 BPSK	135	0		20.65		21.50
100		135	69		20.76		21.50
100		135	138		20.63		21.50
100		270	0		20.67		21.50
100		1	1		20.61		21.50
100		1	137		20.72		21.50
100		1	271		20.62		21.50
100	QPSK	135	0		20.74		21.50
100		135	69		20.71		21.50
100		135	138		20.73		21.50
100		270	0		20.67		21.50
100	16QAM	1	1		20.71		21.50
100	64QAM	1	1		20.62		21.50
100	256QAM	1	1		20.57		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency [MHz]				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	20.61	20.63	20.64	21.50
Channel				632988	633332	633676	Tune-up Limit (dBm)
Frequency [MHz]				3489.82	3499.98	3510	
80	PI/2 BPSK	1	1	20.65	20.57	20.66	21.50
Channel				632304	633332	634332	Tune-up Limit (dBm)
Frequency [MHz]				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.64	20.65	20.57	21.50
Channel				632004	633332	634704	Tune-up Limit (dBm)
Frequency [MHz]				3480	3499.98	3519.93	
60	PI/2 BPSK	1	1	20.57	20.55	20.59	21.50
Channel				631968	633332	634800	Tune-up Limit (dBm)
Frequency [MHz]				3479.82	3499.98	3520	
50	PI/2 BPSK	1	1	20.58	20.66	20.59	21.50
Channel				631304	633332	635332	Tune-up Limit (dBm)
Frequency [MHz]				3475.01	3499.98	3524.94	
40	PI/2 BPSK	1	1	20.66	20.57	20.67	21.50
Channel				631000	633332	635866	Tune-up Limit (dBm)
Frequency [MHz]				3480	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.59	20.58	20.58	21.50
Channel				630634	633332	635832	Tune-up Limit (dBm)
Frequency [MHz]				3462.01	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.66	20.55	20.67	21.50
Channel				630618	633332	635910	Tune-up Limit (dBm)
Frequency [MHz]				3462.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.55	20.57	20.65	21.50
Channel				630004	633332	636700	Tune-up Limit (dBm)
Frequency [MHz]				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.57	20.59	20.57	21.50
Channel				630304	633332	636332	Tune-up Limit (dBm)
Frequency [MHz]				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.57	20.59	20.62	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					650000		
Frequency [MHz]					3750		
100		1	1		17.63		18.50
100		1	137		17.46		18.50
100		1	271		17.42		18.50
100	PI/2 BPSK	135	0		17.44		18.50
100		135	69		17.62		18.50
100		135	138		17.41		18.50
100		270	0		17.41		18.50
100		1	1		17.45		18.50
100		1	137		17.45		18.50
100		1	271		17.55		18.50
100	QPSK	135	0		17.43		18.50
100		135	69		17.38		18.50
100		135	138		17.43		18.50
100		270	0		17.46		18.50
100	16QAM	1	1		17.43		18.50
100	64QAM	1	1		17.48		18.50
100	256QAM	1	1		17.44		18.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency [MHz]				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.43	17.45	17.47	18.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency [MHz]				3740.91	3750	3759.09	
80	PI/2 BPSK	1	1	17.44	17.46	17.38	18.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency [MHz]				3735	3750	3765	
70	PI/2 BPSK	1	1	17.45	17.46	17.41	18.50
Channel				648004	650000	651332	Tune-up Limit (dBm)
Frequency [MHz]				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.45	17.42	17.44	18.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency [MHz]				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.49	17.48	17.42	18.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency [MHz]				3720	3750	3780	
40	PI/2 BPSK	1	1	17.48	17.44	17.42	18.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency [MHz]				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.44	17.47	17.47	18.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency [MHz]				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.42	17.41	17.48	18.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency [MHz]				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.41	17.49	17.38	18.50
Channel				647164	650000	652832	Tune-up Limit (dBm)
Frequency [MHz]				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.46	17.43	17.44	18.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency [MHz]				3705	3750	3795	
10	PI/2 BPSK	1	1	17.44	17.44	17.43	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel					650000		
Frequency [MHz]					3750		
100		1	1		20.67		21.50
100		1	137		20.62		21.50
100		1	271		20.57		21.50
100	PI/2 BPSK	135	0		20.61		21.50
100		135	69		20.66		21.50
100		135	138		20.67		21.50
100		270	0		20.54		21.50
100		1	1		20.74		21.50
100		1	137		20.67		21.50
100		1	271		20.68		21.50
100	QPSK	135	0		20.70		21.50
100		135	69		20.68		21.50
100		135	138		20.67		21.50
100		270	0		20.73		21.50
100	16QAM	1	1		20.65		21.50
100	64QAM	1	1		20.65		21.50
100	256QAM	1	1		20.69		21.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency [MHz]				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.66	20.73	20.67	21.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency [MHz]				3740.91	3750	3759.09	
80	PI/2 BPSK	1	1	20.70	20.69	20.61	21.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency [MHz]				3735	3750	3765	
70	PI/2 BPSK	1	1	20.64	20.69	20.63	21.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency [MHz]				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.64	20.71	20.63	21.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency [MHz]				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.73	20.69	20.68	21.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency [MHz]				3720	3750	3780	
40	PI/2 BPSK	1	1	20.67	20.68	20.62	21.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency [MHz]				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.62	20.66	20.71	21.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency [MHz]				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.65	20.61	20.68	21.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency [MHz]				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.66	20.64	20.70	21.50
Channel				647164	650000	652832	Tune-up Limit (dBm)
Frequency [MHz]				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.65	20.68	20.71	21.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency [MHz]				3705	3750	3795	
10	PI/2 BPSK	1	1	20.72	20.68	20.63	21.50

<FR1 n3_Ant 2_DSI-E>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low dBm / Freq	Power Middle dBm / Freq	Power High dBm / Freq	Tune-up Limit [dBm]
Channel				374000	378000	382000	
Frequency [MHz]				1870	1880	1890	
40	PI/2 BPSK	1	1	17.79	17.86	17.89	20.80
40		1	109	17.74	17.81	17.79	20.80
40		1	218	17.79	17.81	17.72	20.80
40		109	0	17.68	17.83	17.73	20.80
40		109	54	17.82	17.86	17.83	20.80
40		109	109	17.74	17.83	17.86	20.80
40		218	0	17.72	17.86	17.83	20.80
40		1	1	17.77	17.89	17.89	20.80
40		1	109	17.87	17.95	17.72	20.80
40		1	218	17.74	17.81	17.89	20.80
40	QPSK	109	0	17.74	17.83	17.77	20.80
40		109	54	17.87	17.92	17.89	20.80
40		109	109	17.76	17.81	17.86	20.80
40		218	0	17.86	17.85	17.77	20.80
40	16QAM	1	1	17.78	17.85	17.81	20.80
40	64QAM	1	1	17.83	17.90	17.79	20.80
40	256QAM	1	1	17.88	17.83	17.77	20.80
Channel				373000	378000	379000	Tune-up Limit [dBm]
Frequency [MHz]				1867.0	1880	1892.0	
35	PI/2 BPSK	1	1	17.68	17.87	17.82	20.80
Channel				373000	378000	379000	Tune-up Limit [dBm]
Frequency [MHz]				1865	1880	1895	
25	PI/2 BPSK	1	1	17.68	17.89	17.79	20.80
Channel				372500	378000	379500	Tune-up Limit [dBm]
Frequency [MHz]				1862.5	1880	1897.5	
20	PI/2 BPSK	1	1	17.79	17.89	17.89	20.80
Channel				371500	378000	380500	Tune-up Limit [dBm]
Frequency [MHz]				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.79	17.89	17.89	20.80
Channel				371000	378000	381000	Tune-up Limit [dBm]
Frequency [MHz]				1855	1880	1905	
10	PI/2 BPSK	1	1	17.79	17.87	17.79	20.80
Channel				370750	378000	381250	Tune-up Limit [dBm]
Frequency [MHz]				1853.8	1880	1906.3	
5	PI/2 BPSK	1	1	17.84	17.87	17.79	20.80

<FR1 n7_Ant 2_DSI-E>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low dBm / Freq	Power Middle dBm / Freq	Power High dBm / Freq	Tune-up Limit [dBm]
Channel				500500	507500	509500	
Frequency [MHz]				2505	2535	2565	
60	PI/2 BPSK	1	1	19.82	19.04	18.87	19.10
60		1	135	18.81	19.02	18.90	19.10
60		1	269	19.81	19.06	18.62	19.10
60		135	0	18.81	18.98	18.90	19.10
60		135	68	18.90	18.96	18.81	19.10
60		135	135	18.88	18.96	18.83	19.10
60		270	0	19.82	19.00	18.88	19.10
60		1	1	18.88	18.90	19.00	19.10
60		1	135	18.81	19.01	18.83	19.10
60		1	269	18.90	18.96	19.00	19.10
60	QPSK	135	0	18.85	19.02	18.82	19.10
60		135	68	18.82	19.00	18.90	19.10
60		135	135	18.90	18.97	18.90	19.10
60		270	0	18.97	19.06	18.90	19.10
60	16QAM	1	1	18.87	19.09	18.88	19.10
60	64QAM	1	1	18.92	18.93	18.85	19.10
60	256QAM	1	1	18.93	18.85	18.84	19.10
Channel				504000	507500	510500	Tune-up Limit [dBm]
Frequency [MHz]				2520	2535	2550	
40	PI/2 BPSK	1	1	18.81	18.96	18.88	19.10
Channel				503500	507500	511500	Tune-up Limit [dBm]
Frequency [MHz]				2517.5	2535	2552.5	
30	PI/2 BPSK	1	1	18.84	19.01	18.85	19.10
Channel				503000	507500	512000	Tune-up Limit [dBm]
Frequency [MHz]				2515.0	2535	2555.0	
25	PI/2 BPSK	1	1	18.85	19.03	18.92	19.10
Channel				502500	507500	512500	Tune-up Limit [dBm]
Frequency [MHz]				2512.5	2535	2557.5	
20	PI/2 BPSK	1	1	18.91	19.03	18.92	19.10
Channel				502000	507500	513000	Tune-up Limit [dBm]
Frequency [MHz]				2510.0	2535	2560.0	
15	PI/2 BPSK	1	1	18.90	19.09	18.88	19.10
Channel				501500	507500	513500	Tune-up Limit [dBm]
Frequency [MHz]				2507.5	2535	2562.5	
10	PI/2 BPSK	1	1	18.90	19.09	18.88	19.10
Channel				501250	507500	513750	Tune-up Limit [dBm]
Frequency [MHz]				2506.3	2535	2563.8	
5	PI/2 BPSK	1	1	18.88	19.03	18.90	19.10

<FR1 n7_Ant 2_DSI-E>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low dBm / Freq	Power Middle dBm / Freq	Power High dBm / Freq	Tune-up Limit [dBm]
Channel				500500	507500	509500	
Frequency [MHz]				2505	2535	2565	
60	PI/2 BPSK	1	1	17.85	18.06	17.92	19.10
60		1	135	17.83	17.97	17.86	19.10
60		1	269	17.90	17.95	17.89	19.10
60		135	0	17.82	17.97	17.82	19.10
60		135	68	17.90	17.92	17.89	19.10
60		135	135	17.89	17.96	17.83	19.10
60		270	0	17.91	17.97	17.89	19.10
60		1	1	17.84	18.04	17.91	19.10
60		1	135	17.83	18.04	17.85	19.10
60		1	269	17.88	17.97	17.92	19.10
60	QPSK	135	0	17.88	18.05	17.87	19.10
60		135	68	17.82	18.06	17.93	19.10
60		135	135	17.90	17.95	17.90	19.10
60		270	0	17.90	18.02	17.88	19.10
60	16QAM	1	1	17.87	18.03	17.89	19.10
60	64QAM	1	1	17.90	17.98	17.89	19.10
60	256QAM	1	1	17.93	18.08	17.88	19.10
Channel				504000	507500	510500	Tune-up Limit [dBm]
Frequency [MHz]				2520	2535	2550	
40	PI/2 BPSK	1	1	17.82	17.99	17.92	19.10
Channel				503500	507500	511500	Tune-up Limit [dBm]
Frequency [MHz]				2517.5	2535	2552.5	
30	PI/2 BPSK	1	1	17.82	18.01	17.94	19.10
Channel				503000	507500	512000	Tune-up Limit [dBm]
Frequency [MHz]				2515.0	2535	2555.0	
25	PI/2 BPSK	1	1	17.81	17.98	17.97	19.10
Channel				502500	507500	512500	Tune-up Limit [dBm]
Frequency [MHz]				2512.5	2535	2557.5	
20	PI/2 BPSK	1	1	17.86	17.94	17.89	19.10
Channel				502000	507500	513000	Tune-up Limit [dBm]
Frequency [MHz]				2510.0	2535	2560.0	
15	PI/2 BPSK	1	1	17.86	18.06	17.89	19.10
Channel				501500	507500	513500	Tune-up Limit [dBm]
Frequency [MHz]				2507.5	2535	2562.5	
10	PI/2 BPSK	1	1	17.86	18.06	17.89	19.10
Channel				501250	507500	513750	Tune-up Limit [dBm]
Frequency [MHz]				2506.3	2535	2563.8	
5	PI/2 BPSK	1	1	17.87	18.05	17.93	19.10

<FR1 n25_Ant 2_DSI-E>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low dBm / Freq	Power Middle dBm / Freq	Power High dBm / Freq	Tune-up Limit [dBm]
Channel				370850	376500	376950	
Frequency [MHz]				1857.5	1882.5	1887.0	
40	PI/2 BPSK	1	1	20.19	20.01	20.32	20.60
40		1	109	20.19	20.39	20.27	20.60
40		1	218	20.19	20.04	20.27	20.60
40		109	0	20.19	20.24	20.25	20.60
40		109	54	20.25	20.05	20.24	20.60
40		109	109	20.27	20.29	20.28	20.60
40		218	0	20.23	20.05	20.26	20.60
40		1	1	20.26	20.29	20.25	20.60
40		1	109	20.22	20.22	20.29	20.60
40		1	218	20.26	20.29	20.22	20.60
40	QPSK	109	0	20.27	20.25	20.22	20.60
40		109	54	20.23	20.21	20.28	20.60
40		109	109	20.19	20.27	20.28	20.60
40		218	0	20.22	20.27	20.28	20.60
40	16QAM	1	1	20.20	20.22	20.28	20.60
40	64QAM	1	1	20.22	20.20	20.28	20.60
40	256QAM	1	1	20.22	20.20	20.28	20.60
Channel				373000	378000	379000	Tune-up Limit [dBm]
Frequency [MHz]				1867.0	1890.0	1894.0	
35	PI/2 BPSK	1	1	20.19	20.23	20.29	20.60
Channel				373000	378000	380500	Tune-up Limit [dBm]
Frequency [MHz]				1865	1890.0	1897.5	
25	PI/2 BPSK	1	1	20.19	20.27	20.28	20.60
Channel				372500	378000	381250	Tune-up Limit [dBm]
Frequency [MHz]				1862.5	1890.0	1900.6	
20	PI/2 BPSK	1	1	20.17	20.29	20.28	20.60
Channel				371500	378000	381500	Tune-up Limit [dBm]
Frequency [MHz]				1857.5	1890.0	1902.5	
15	PI/2 BPSK	1	1	20.28	20.40	20.39	20.60
Channel				371000	378000	382000	Tune-up Limit [dBm]
Frequency [MHz]				1855	1890.0	1910	
10	PI/2 BPSK	1	1	20.21	20.40	20.38	20.60
Channel				370750	378000	381750	Tune-up Limit [dBm]
Frequency [MHz]				1853.8	1890.0	1911.3	
5	PI/2 BPSK	1	1	20.22	20.40	20.35	20.60

<FR1 n30_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					462000		
Frequency [MHz]					2310		
10	PI/2 BPSK	1	0		21.46		21.50
10		1	25		21.32		21.50
10		1	50		21.42		21.50
10		25	0		21.32		21.50
10		25	13		21.31		21.50
10		25	27		21.36		21.50
10		50	0		21.32		21.50
10	QPSK	1	0		21.39		21.50
10		1	25		21.33		21.50
10		1	50		21.33		21.50
10		25	0		21.35		21.50
10		25	13		21.35		21.50
10		25	27		21.35		21.50
10		50	0		21.35		21.50
10	16QAM	1	0		21.32		21.50
10	64QAM	1	0		21.32		21.50
10	256QAM	1	0		21.32		21.50
Channel				461500	462000	462500	Tune-up Limit [dBm]
Frequency [MHz]				2307.5	2310	2312.5	
5	PI/2 BPSK	1	0	21.32	21.36	21.40	21.50

<FR1 n30_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					462000		
Frequency [MHz]					2310		
10	PI/2 BPSK	1	0		20.37		20.50
10		1	25		20.34		20.50
10		1	50		20.34		20.50
10		25	0		20.34		20.50
13		25	13		20.33		20.50
10		25	27		20.34		20.50
10		50	0		20.27		20.50
10	QPSK	1	0		20.27		20.50
10		1	25		20.33		20.50
10		1	50		20.33		20.50
10		25	0		20.33		20.50
10		25	13		20.31		20.50
10		25	27		20.34		20.50
10		50	0		20.33		20.50
10	16QAM	1	0		20.33		20.50
10	64QAM	1	0		20.28		20.50
10	256QAM	1	0		20.30		20.50
Channel				461500	462000	462500	Tune-up Limit [dBm]
Frequency [MHz]				2307.5	2310	2312.5	
5	PI/2 BPSK	1	0	20.32	20.36	20.39	20.50

<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				344000	345000	347000	
Frequency [MHz]				1720.0	1725	1737.0	
20	PI/2 BPSK	1	0	20.13	20.52	20.39	21.50
20		1	50	20.11	20.49	20.39	21.50
20		1	99	20.19	20.42	20.24	21.50
20		50	0	20.17	20.41	20.31	21.50
20		50	25	20.19	20.51	20.30	21.50
20		50	50	20.11	20.49	20.33	21.50
20		100	0	20.18	20.43	20.28	21.50
20	QPSK	1	0	20.20	20.42	20.22	21.50
20		1	50	20.17	20.41	20.28	21.50
20		1	99	20.18	20.48	20.24	21.50
20		50	0	20.19	20.48	20.33	21.50
20		50	25	20.12	20.51	20.29	21.50
20		50	50	20.11	20.49	20.33	21.50
20		100	0	20.18	20.47	20.28	21.50
20	16QAM	1	0	20.18	20.47	20.28	21.50
20	64QAM	1	0	20.18	20.47	20.22	21.50
20	256QAM	1	0	20.17	20.46	20.27	21.50
Channel				344000	345000	346000	Tune-up Limit [dBm]
Frequency [MHz]				1720	1725	1730	
20	PI/2 BPSK	1	1	20.23	20.42	20.22	21.50
Channel				344000	345000	346000	Tune-up Limit [dBm]
Frequency [MHz]				1727.5	1725	1732.5	
20	PI/2 BPSK	1	1	20.12	20.44	20.27	21.50
Channel				344000	345000	346000	Tune-up Limit [dBm]
Frequency [MHz]				1720	1725	1730	
20	PI/2 BPSK	1	1	20.17	20.40	20.22	21.50
Channel				344000	345000	346000	Tune-up Limit [dBm]
Frequency [MHz]				1727.5	1725	1732.5	
20	PI/2 BPSK	1	1	20.18	20.44	20.32	21.50
Channel				344000	345000	346000	Tune-up Limit [dBm]
Frequency [MHz]				1720	1725	1730	
20	PI/2 BPSK	1	1	20.19	20.40	20.20	21.50
Channel				344000	345000	346000	Tune-up Limit [dBm]
Frequency [MHz]				1727.5	1725	1732.5	
18	PI/2 BPSK	1	1	20.18	20.40	20.23	21.50
Channel				344000	345000	346000	Tune-up Limit [dBm]
Frequency [MHz]				1720	1725	1730	
18	PI/2 BPSK	1	1	20.16	20.44	20.22	21.50
Channel				344000	345000	346000	Tune-up Limit [dBm]
Frequency [MHz]				1727.5	1725	1727.5	
5	PI/2 BPSK	1	1	20.10	20.47	20.28	21.50

<FR1 n41_FCC_Ant 2_DSI 6>

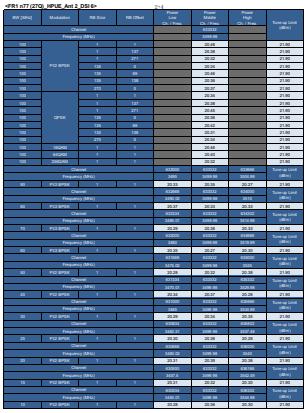
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518998	528602	
Frequency (MHz)				2506.01	2506.99	2508	
100		1	0	17.86	17.99	17.81	18.00
100		1	137	17.92	17.99	17.89	18.00
100		1	271	17.92	17.99	17.89	18.00
100	PI/2 BPSK	136	0	17.86	17.93	17.81	18.00
100		136	68	17.92	17.92	17.87	18.00
100		136	136	17.92	17.92	17.90	18.00
100		272	0	17.92	17.99	17.89	18.00
100		1	0	17.86	17.99	17.89	18.00
100		1	137	17.91	17.93	17.89	18.00
100		1	271	17.86	17.99	17.81	18.00
100	QPSK	136	0	17.86	17.93	17.82	18.00
100		136	68	17.86	17.91	17.87	18.00
100		136	136	17.92	17.93	17.91	18.00
100		272	0	17.86	17.99	17.89	18.00
100	16QAM	1	0	17.92	17.92	17.92	18.00
100	64QAM	1	0	17.86	17.90	17.87	18.00
100	256QAM	1	0	17.87	17.91	17.89	18.00
Channel				509202	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2507	2506.99	2508.98	
90	PI/2 BPSK	1	0	17.93	17.92	17.84	18.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2506.99	2508.03	
80	PI/2 BPSK	1	0	17.89	17.81	17.81	18.00
Channel				509202	518998	537000	Tune-up Limit (dBm)
Frequency (MHz)				2507.01	2506.99	2509	
70	PI/2 BPSK	1	0	17.89	17.88	17.82	18.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2506	2506.99	2508.98	
60	PI/2 BPSK	1	0	17.86	17.89	17.86	18.00
Channel				509202	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2507.01	2506.99	2508.98	
50	PI/2 BPSK	1	0	17.92	17.87	17.87	18.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
40	PI/2 BPSK	1	0	17.85	17.88	17.85	18.00
Channel				509202	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2507.01	2506.99	2508.98	
30	PI/2 BPSK	1	0	17.86	17.86	17.86	18.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
25	PI/2 BPSK	1	0	17.83	17.89	17.83	18.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2507	2506.99	2508.98	
20	PI/2 BPSK	1	0	17.83	17.89	17.83	18.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
15	PI/2 BPSK	1	0	17.86	17.86	17.86	18.00
Channel				509202	518998	528602	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2506.99	2507.9	
10	PI/2 BPSK	1	0	17.89	17.91	17.89	18.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
5	PI/2 BPSK	1	0	17.86	17.86	17.86	18.00
Channel				509202	518998	528602	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2506.99	2507.9	
3	PI/2 BPSK	1	0	17.89	17.91	17.89	18.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
1.4	PI/2 BPSK	1	0	17.86	17.86	17.86	18.00
Channel				509202	518998	528602	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2506.99	2507.9	

<FR1 n41_HPUE_FCC_Ant 2_DSI 6>

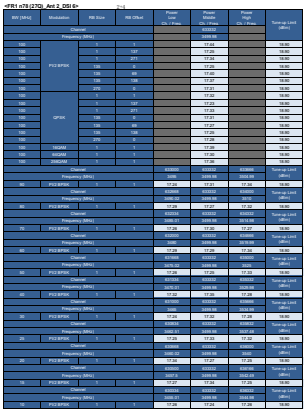
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518998	528602	
Frequency (MHz)				2506.01	2506.99	2508	
100		1	0	20.06	20.89	20.63	21.00
100		1	137	20.51	20.77	20.64	21.00
100		1	271	20.08	20.77	20.59	21.00
100	PI/2 BPSK	136	0	20.54	20.81	20.64	21.00
100		136	68	20.08	20.82	20.66	21.00
100		136	136	20.53	20.77	20.57	21.00
100		272	0	20.53	20.83	20.67	21.00
100		1	0	20.57	20.82	20.61	21.00
100		1	137	20.50	20.80	20.62	21.00
100		1	271	20.57	20.79	20.64	21.00
100	QPSK	136	0	20.09	20.81	20.63	21.00
100		136	68	20.54	20.82	20.65	21.00
100		136	136	20.09	20.79	20.68	21.00
100		272	0	20.53	20.82	20.68	21.00
100	16QAM	1	0	20.50	20.82	20.69	21.00
100	64QAM	1	0	20.54	20.83	20.66	21.00
100	256QAM	1	0	20.60	20.81	20.68	21.00
Channel				509202	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2507	2506.99	2508.98	
90	PI/2 BPSK	1	0	20.52	20.80	20.58	21.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2506.99	2508.03	
80	PI/2 BPSK	1	0	20.53	20.79	20.47	21.00
Channel				509202	518998	537000	Tune-up Limit (dBm)
Frequency (MHz)				2507.01	2506.99	2509	
70	PI/2 BPSK	1	0	20.09	20.83	20.59	21.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2506	2506.99	2508.98	
60	PI/2 BPSK	1	0	20.07	20.83	20.66	21.00
Channel				509202	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2507.01	2506.99	2508.98	
50	PI/2 BPSK	1	0	20.09	20.81	20.68	21.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
40	PI/2 BPSK	1	0	20.07	20.78	20.63	21.00
Channel				509202	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2506.99	2508.98	
30	PI/2 BPSK	1	0	20.04	20.81	20.66	21.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
25	PI/2 BPSK	1	0	20.08	20.80	20.64	21.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2507	2506.99	2508.98	
20	PI/2 BPSK	1	0	20.05	20.81	20.66	21.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
15	PI/2 BPSK	1	0	20.09	20.83	20.68	21.00
Channel				509202	518998	528602	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2506.99	2507.9	
10	PI/2 BPSK	1	0	20.07	20.82	20.67	21.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
5	PI/2 BPSK	1	0	20.06	20.83	20.63	21.00
Channel				509202	518998	528602	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2506.99	2507.9	
3	PI/2 BPSK	1	0	20.07	20.82	20.67	21.00
Channel				512164	518998	525832	Tune-up Limit (dBm)
Frequency (MHz)				2510.5	2506.99	2507.49	
1.4	PI/2 BPSK	1	0	20.06	20.83	20.63	21.00
Channel				509202	518998	528602	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2506.99	2507.9	

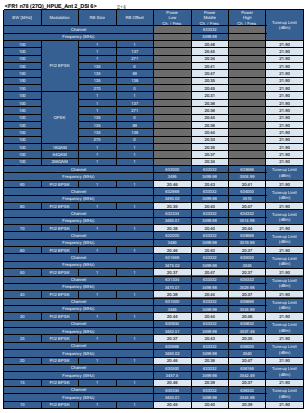
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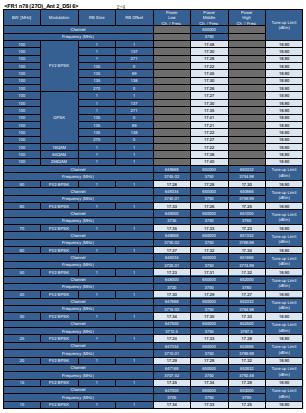
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	0		17.98		18.90
100		1	137		17.43		18.90
100		1	271		17.41		18.90
100	PI/2 BPSK	136	0		17.45		18.90
100		136	68		17.93		18.90
100		136	136		17.91		18.90
100		272	0		17.94		18.90
100		1	0		17.94		18.90
100		1	137		17.99		18.90
100		1	271		17.95		18.90
100	QPSK	136	0		17.93		18.90
100		136	68		17.93		18.90
100		136	136		17.91		18.90
100		272	0		17.94		18.90
100	16QAM	1	0		17.99		18.90
100	64QAM	1	0		17.93		18.90
100	256QAM	1	0		17.92		18.90
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499	3499.98	3500.98	
90	PI/2 BPSK	1	0	17.92	17.91	17.93	18.90
Channel				633666	633332	633000	Tune-up Limit (dBm)
Frequency (MHz)				3500.02	3499.98	3500	
80	PI/2 BPSK	1	0	17.93	17.97	17.93	18.90
Channel				633334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3499.91	3499.98	3500.06	
70	PI/2 BPSK	1	0	17.93	17.92	17.97	18.90
Channel				633332	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3499.98	
60	PI/2 BPSK	1	0	17.98	17.95	17.93	18.90
Channel				633666	633332	633000	Tune-up Limit (dBm)
Frequency (MHz)				3500.02	3499.98	3500	
50	PI/2 BPSK	1	0	17.99	17.96	17.94	18.90
Channel				633666	633332	633000	Tune-up Limit (dBm)
Frequency (MHz)				3500.02	3499.98	3500	
40	PI/2 BPSK	1	0	17.93	17.97	17.95	18.90
Channel				633666	633332	633000	Tune-up Limit (dBm)
Frequency (MHz)				3500.02	3499.98	3500	
30	PI/2 BPSK	1	0	17.96	17.96	17.94	18.90
Channel				633666	633332	633000	Tune-up Limit (dBm)
Frequency (MHz)				3500.02	3499.98	3500	
25	PI/2 BPSK	1	0	17.92	17.92	17.90	18.90
Channel				633666	633332	633000	Tune-up Limit (dBm)
Frequency (MHz)				3500.02	3499.98	3500	
20	PI/2 BPSK	1	0	17.94	17.93	17.92	18.90
Channel				633666	633332	633000	Tune-up Limit (dBm)
Frequency (MHz)				3500.02	3499.98	3500	
15	PI/2 BPSK	1	0	17.92	17.92	17.91	18.90
Channel				633666	633332	633000	Tune-up Limit (dBm)
Frequency (MHz)				3500.02	3499.98	3500	
10	PI/2 BPSK	1	0	17.94	17.94	17.97	18.90

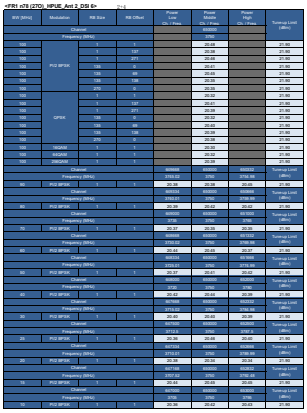


| <FR1 n77 (270), HPUE_Ant 2_DSI 6> | | |









<FR1 n2_Ant 0_DSI 6> 0+2&0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	19.75	20.11	19.62	20.80
40		1	108	19.77	19.93	19.69	20.80
40		1	214	19.76	19.98	19.63	20.80
40	PI/2 BPSK	108	0	19.77	20.02	19.64	20.80
40		108	54	19.71	19.98	19.67	20.80
40		108	108	19.74	20.06	19.63	20.80
40		216	0	19.70	20.05	19.67	20.80
40		1	1	19.76	19.99	19.58	20.80
40		1	108	19.71	19.98	19.63	20.80
40		1	214	19.69	20.00	19.67	20.80
40	QPSK	108	0	19.82	19.93	19.75	20.80
40		108	54	19.72	20.06	19.69	20.80
40		108	108	19.68	19.99	19.68	20.80
40		216	0	19.82	19.98	19.64	20.80
40	16QAM	1	1	19.78	19.90	19.66	20.80
40	64QAM	1	1	19.73	20.02	19.75	20.80
40	256QAM	1	1	19.79	20.00	19.64	20.80
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.72	20.01	19.69	20.80
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	19.70	20.01	19.73	20.80
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	19.75	19.99	19.65	20.80
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.67	20.02	19.65	20.80
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.74	19.98	19.69	20.80
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.74	20.02	19.63	20.80
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.72	20.03	19.64	20.80

<FR1 n7_Ant 0_DSI 6> 0+2&0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	17.40	17.54	17.38	19.10
50		1	135	17.46	17.46	17.44	19.10
50		1	268	17.47	17.45	17.42	19.10
50	PI/2 BPSK	135	0	17.50	17.47	17.40	19.10
50		135	68	17.45	17.43	17.36	19.10
50		135	135	17.44	17.43	17.41	19.10
50		270	0	17.42	17.53	17.35	19.10
50		1	1	17.39	17.44	17.43	19.10
50		1	135	17.44	17.42	17.36	19.10
50		1	268	17.43	17.47	17.46	19.10
50	QPSK	135	0	17.47	17.52	17.38	19.10
50		135	68	17.47	17.47	17.37	19.10
50		135	135	17.41	17.43	17.35	19.10
50		270	0	17.50	17.50	17.36	19.10
50	16QAM	1	1	17.44	17.42	17.39	19.10
50	64QAM	1	1	17.39	17.44	17.36	19.10
50	256QAM	1	1	17.43	17.51	17.45	19.10
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.47	17.43	17.42	19.10
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	17.45	17.53	17.44	19.10
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	17.50	17.46	17.38	19.10
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.46	17.53	17.36	19.10
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.47	17.46	17.46	19.10
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.40	17.43	17.45	19.10
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.44	17.46	17.38	19.10
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.45	17.48	17.47	19.10

<FR1 n25_Ant 0_DSI 6> 0+2&0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	19.87	20.19	19.71	20.80
40		1	108	19.82	20.07	19.78	20.80
40		1	214	19.87	20.10	19.72	20.80
40	PI/2 BPSK	108	0	19.86	20.11	19.78	20.80
40		108	54	19.82	20.06	19.82	20.80
40		108	108	19.86	20.11	19.79	20.80
40		216	0	19.82	20.14	19.73	20.80
40		1	1	19.90	20.15	19.72	20.80
40		1	108	19.84	20.06	19.76	20.80
40		1	214	19.82	20.04	19.72	20.80
40	QPSK	108	0	19.87	20.07	19.80	20.80
40		108	54	19.80	20.10	19.82	20.80
40		108	108	19.84	20.14	19.76	20.80
40		216	0	19.87	20.08	19.77	20.80
40	16QAM	1	1	19.87	20.05	19.82	20.80
40	64QAM	1	1	19.87	20.07	19.82	20.80
40	256QAM	1	1	19.89	20.05	19.75	20.80
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	19.79	20.10	19.72	20.80
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	19.86	20.03	19.76	20.80
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	19.84	20.05	19.81	20.80
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	19.79	20.09	19.80	20.80
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	19.88	20.09	19.75	20.80
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	19.87	20.14	19.78	20.80
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	19.83	20.06	19.72	20.80

<FR1 n30_Ant 0_DSI 6> 0+1

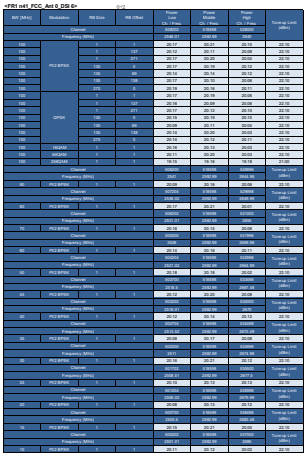
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.13		20.50
10		1	26		18.97		20.50
10		1	50		19.03		20.50
10		25	0		19.05		20.50
10		25	14		19.03		20.50
10		25	27		19.02		20.50
10		50	0		19.01		20.50
10	QPSK	1	1		19.05		20.50
10		1	26		19.04		20.50
10		1	50		19.08		20.50
10		25	0		19.05		20.50
10		25	14		19.00		20.50
10		25	27		19.11		20.50
10		50	0		19.00		20.50
10	16QAM	1	1		19.07		20.50
10	64QAM	1	1		19.02		20.50
10	256QAM	1	1		19.05		20.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.05	19.02	19.01	20.50

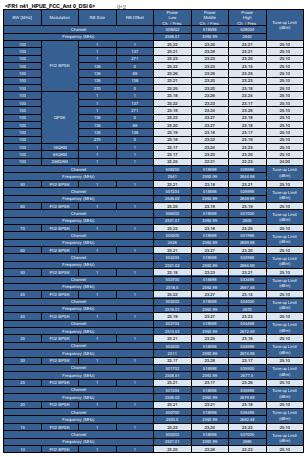
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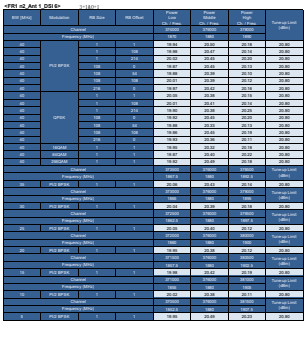
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		20.13		21.50
10		1	26		20.03		21.50
10		1	50		20.03		21.50
10		25	0		20.02		21.50
10		25	14		20.03		21.50
10		25	27		20.03		21.50
10		50	0		20.04		21.50
10	QPSK	1	1		20.00		21.50
10		1	26		20.09		21.50
10		1	50		20.08		21.50
10		25	0		20.11		21.50
10		25	14		20.01		21.50
10		25	27		20.06		21.50
10		50	0		20.06		21.50
10	16QAM	1	1		20.03		21.50
10	64QAM	1	1		20.01		21.50
10	256QAM	1	1		20.05		21.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	20.02	20.01	20.03	21.50

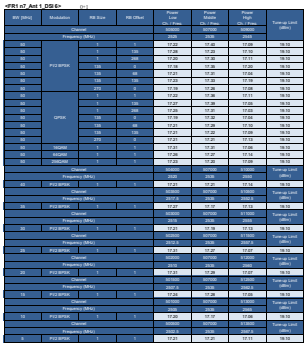
<FR1 n66_Ant 0_DSI 6> 0+2&0+1

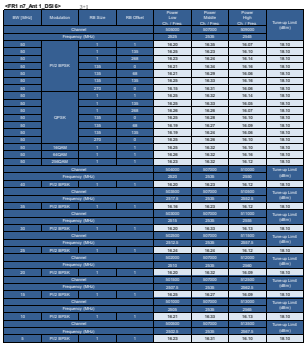
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				345500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.50	20.70	20.52	21.30
45		1	120	20.43	20.62	20.56	21.30
45		1	240	20.48	20.62	20.58	21.30
45		120	0	20.42	20.60	20.52	21.30
45		120	60	20.48	20.59	20.59	21.30
45		120	120	20.48	20.60	20.61	21.30
45		240	0	20.42	20.69	20.58	21.30
45	QPSK	1	1	20.45	20.67	20.53	21.30
45		1	120	20.46	20.60	20.63	21.30
45		1	240	20.50	20.63	20.56	21.30
45		120	0	20.53	20.58	20.61	21.30
45		120	60	20.46	20.68	20.54	21.30
45		120	120	20.45	20.60	20.56	21.30
45		240	0	20.45	20.67	20.58	21.30
45	16QAM	1	1	20.52	20.57	20.57	21.30
45	64QAM	1	1	20.52	20.67	20.56	23.00
45	256QAM	1	1	20.44	20.64	20.52	21.00
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.48	20.64	20.52	21.30
Channel				345332	349000	352268	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.47	20.69	20.62	21.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.48	20.65	20.60	21.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.46	20.64	20.54	21.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.52	20.64	20.61	21.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.49	20.63	20.58	21.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.51	20.69	20.53	21.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.50	20.58	20.60	21.30

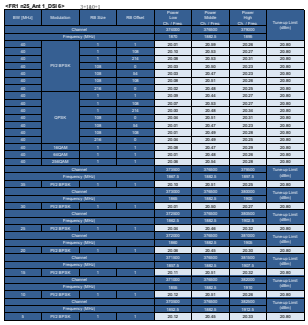












<FR1 n20_Ant 1_DSI 6>

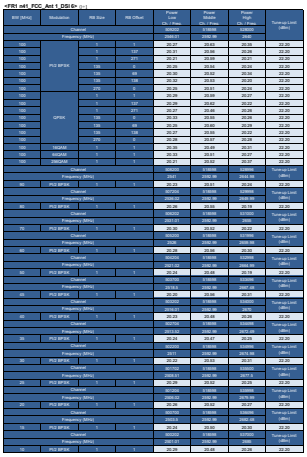
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					662000		
Frequency (MHz)					3310		
10	PI/2 BPSK	1	1		18.75		20.00
10		1	25		18.61		20.00
10		1	50		18.71		20.00
10		25	0		18.74		20.00
10		25	14		18.60		20.00
10		25	27		18.62		20.00
10		50	0		18.69		20.00
10	QPSK	1	1		18.64		20.00
10		1	25		18.69		20.00
10		1	50		18.66		20.00
10		25	0		18.70		20.00
10		25	14		18.66		20.00
10		25	27		18.67		20.00
10		50	0		18.73		20.00
10	16QAM	1	1		18.70		20.00
10	64QAM	1	1		18.69		20.00
10	256QAM	1	1		18.64		20.00
Channel				661500	662000	662500	Tune-up Limit (dBm)
Frequency (MHz)				3307.5	3310	3312.5	
0	PI/2 BPSK	1	1	18.64	18.72	18.70	20.00

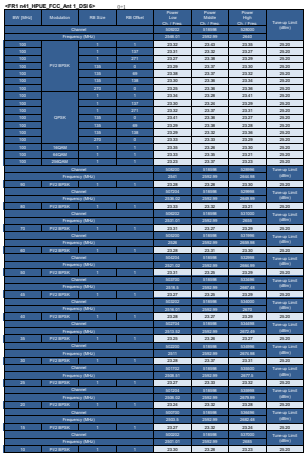
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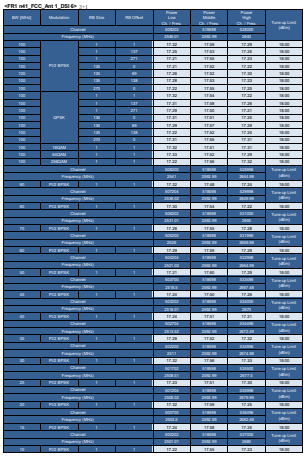
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					2310		
19	PI/2 BPSK	1	1		17.81		19.00
19		1	28		17.62		19.00
19		1	50		17.68		19.00
19		28	0		17.75		19.00
19		28	14		17.59		19.00
19		28	27		17.57		19.00
19		50	0		17.67		19.00
19	QPSK	1	1		17.66		19.00
19		1	28		17.65		19.00
19		1	50		17.72		19.00
19		28	0		17.68		19.00
19		28	14		17.66		19.00
19		28	27		17.66		19.00
19		50	0		17.72		19.00
19	16QAM	1	1		17.68		19.00
19	64QAM	1	1		17.64		19.00
19	256QAM	1	1		17.64		19.00
Channel				661500	662000	662500	Tune-up Limit (dBm)
Frequency (MHz)				3307.5	3310	3312.5	
0	PI/2 BPSK	1	1	17.72	17.79	17.69	19.00

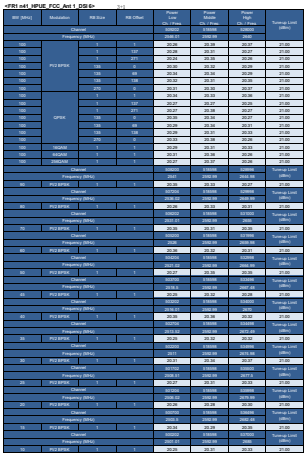
<FR1 n66_Ant 1_DSI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				349000	349000	357000	
Frequency (MHz)				1720.0	1745	1780.0	
40	PI/2 BPSK	1	1	19.66	20.10	19.26	21.00
40		1	129	19.77	19.85	19.32	21.00
40		1	249	19.75	20.09	19.80	21.00
40		129	0	19.64	20.04	19.41	21.00
40		129	69	19.79	19.88	19.63	21.00
40		129	129	19.79	20.07	19.35	21.00
40		249	0	19.66	20.03	19.49	21.00
40		1	1	19.79	20.01	19.39	21.00
40		1	129	19.66	20.02	19.35	21.00
40		1	249	19.69	20.01	19.86	21.00
40	QPSK	129	0	19.76	20.09	19.64	21.00
40		129	69	19.77	20.04	19.63	21.00
40		129	129	19.77	19.99	19.49	21.00
40		249	0	19.66	19.97	19.80	21.00
40	16QAM	1	1	19.76	20.05	19.62	21.00
40	64QAM	1	1	19.78	20.07	19.62	21.00
40	256QAM	1	1	19.63	20.07	19.63	21.00
Channel				348500	349000	350000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1760	
40	PI/2 BPSK	1	1	19.61	19.99	19.86	21.00
Channel				349000	349000	350000	Tune-up Limit (dBm)
Frequency (MHz)				1720.0	1745	1760.0	
39	PI/2 BPSK	1	1	19.61	20.04	19.90	21.00
Channel				348500	349000	350000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1760	
38	PI/2 BPSK	1	1	19.61	20.09	19.86	21.00
Channel				351082	349000	346918	Tune-up Limit (dBm)
Frequency (MHz)				1784.8	1745	1707.2	
25	PI/2 BPSK	1	1	19.79	20.04	19.84	21.00
Channel				348500	349000	350000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
25	PI/2 BPSK	1	1	19.61	20.01	19.83	21.00
Channel				351082	349000	346918	Tune-up Limit (dBm)
Frequency (MHz)				1717.8	1745	1772.2	
19	PI/2 BPSK	1	1	19.76	20.05	19.80	21.00
Channel				351082	349000	346918	Tune-up Limit (dBm)
Frequency (MHz)				1784.8	1745	1707.2	
18	PI/2 BPSK	1	1	19.65	20.01	19.80	21.00
Channel				342828	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1712.8	1745	1777.2	
0	PI/2 BPSK	1	1	19.61	19.99	19.82	21.00









<FR1 n48_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				636600	641666	646332	
Frequency [MHz]				3570	3624.99	3679.98	
40		1	1	17.26	17.29	16.66	18.15
40		1	53	17.31	17.13	16.64	18.15
40		1	104	17.13	17.28	16.63	18.15
40		50	0	17.24	17.19	16.66	18.15
40		50	29	17.22	17.17	16.67	18.15
40		50	54	17.12	17.13	16.67	18.15
40		100	0	17.22	17.11	16.66	18.15
40		1	1	17.16	17.13	17.01	18.15
40		1	53	17.13	17.23	17.04	18.15
40		1	104	17.22	17.12	16.63	18.15
40	QPSK	50	0	17.09	17.22	16.62	18.15
40		50	29	17.13	17.21	17.00	18.15
40		50	54	17.19	17.13	16.62	18.15
40		100	0	17.13	17.15	16.66	18.15
40	16QAM	1	1	17.27	17.18	16.67	18.15
40	64QAM	1	1	17.26	17.12	16.66	18.15
40	256QAM	1	1	17.27	17.18	16.67	18.15
Channel				637666	641666	645666	Tune-up Limit [dBm]
Frequency [MHz]				3609.32	3624.99	3640.98	
30	PI/2 BPSK	1	1	17.22	17.29	16.66	18.15
Channel				637334	641666	645998	Tune-up Limit [dBm]
Frequency [MHz]				3606.01	3624.99	3643.98	
20	PI/2 BPSK	1	1	17.16	17.17	16.66	18.15
Channel				637168	641666	646166	Tune-up Limit [dBm]
Frequency [MHz]				3597.02	3624.99	3652.98	
10	PI/2 BPSK	1	1	17.12	17.29	16.66	18.15
Channel				637102	641666	646232	Tune-up Limit [dBm]
Frequency [MHz]				3606	3624.99	3656.98	
10	PI/2 BPSK	1	1	17.26	17.18	16.63	18.15

<FR1 n48_Ant 1_DSI 6>

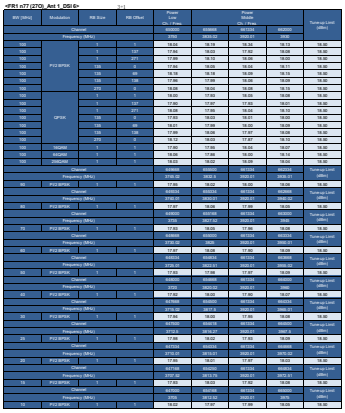
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				636600	641666	646332	
Frequency [MHz]				3570	3624.99	3679.98	
40		1	1	20.29	20.36	20.23	22.10
40		1	53	20.27	20.30	20.36	22.10
40		1	106	20.36	20.26	20.33	22.10
40	PI/2 BPSK	50	0	20.30	20.33	20.29	22.10
40		50	29	20.25	20.26	20.28	22.10
40		50	58	20.25	20.27	20.25	22.10
40		100	0	20.28	20.28	20.02	22.10
40		1	1	20.33	20.28	20.25	22.10
40		1	53	20.28	20.33	20.33	22.10
40		1	106	20.27	20.27	20.29	22.10
40	QPSK	50	0	20.31	20.33	20.27	22.10
40		50	29	20.34	20.32	20.27	22.10
40		50	58	20.26	20.25	20.29	22.10
40		100	0	20.26	20.28	20.32	22.10
40	16QAM	1	1	20.31	20.28	20.31	22.10
40	64QAM	1	1	20.27	20.25	20.26	22.10
40	256QAM	1	1	20.24	20.32	20.26	22.10
Channel				637668	641666	645666	Tune-up Limit [dBm]
Frequency [MHz]				3599.32	3624.99	3650.98	
20	PI/2 BPSK	1	1	20.33	20.28	20.23	22.10
Channel				637335	641666	645999	Tune-up Limit [dBm]
Frequency [MHz]				3596.17	3624.99	3654	
10	PI/2 BPSK	1	1	20.36	20.32	20.23	22.10
Channel				637168	641666	646166	Tune-up Limit [dBm]
Frequency [MHz]				3597.02	3624.99	3652.98	
10	PI/2 BPSK	1	1	20.32	20.39	20.01	22.10
Channel				637102	641666	646232	Tune-up Limit [dBm]
Frequency [MHz]				3606	3624.99	3656.98	
10	PI/2 BPSK	1	1	20.29	20.28	20.32	22.10

<FR1 n77 (272)_Ant 1_DSI 6>

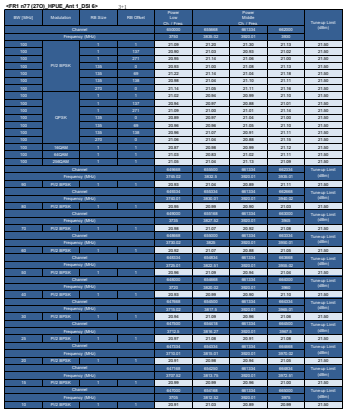
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					633333		
Frequency [MHz]					3699.99		
100		1	0		18.26		18.50
100		1	137		18.19		18.50
100		1	271		18.11		18.50
100	PI/2 BPSK	136	0		18.08		18.50
100		136	69		18.07		18.50
100		136	136		18.12		18.50
100		270	0		18.02		18.50
100		1	0		18.10		18.50
100		1	137		18.09		18.50
100		1	271		18.12		18.50
100	QPSK	136	0		18.21		18.50
100		136	69		18.10		18.50
100		136	136		18.01		18.50
100		270	0		18.11		18.50
100	16QAM	1	0		18.02		18.50
100	64QAM	1	0		18.14		18.50
100	256QAM	1	0		18.07		18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.99	3709.98	
90	PI/2 BPSK	1	0	18.26	18.08	18.16	18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
80	PI/2 BPSK	1	0	18.19	18.13	18.13	18.50
Channel				633034	633333	633633	Tune-up Limit [dBm]
Frequency [MHz]				3690.33	3699.99	3709.64	
70	PI/2 BPSK	1	0	18.08	18.09	18.19	18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.99	3709.98	
60	PI/2 BPSK	1	0	18.13	18.11	18.12	18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
50	PI/2 BPSK	1	0	18.19	18.11	18.19	18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
40	PI/2 BPSK	1	0	18.19	18.19	18.21	18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
30	PI/2 BPSK	1	0	18.17	18.17	18.22	18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
25	PI/2 BPSK	1	0	18.12	18.13	18.09	18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
20	PI/2 BPSK	1	0	18.13	18.14	18.13	18.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
15	PI/2 BPSK	1	0	18.19	18.19	18.19	18.50

<FR1 n77 (272)_HPUE_Ant 1_DSI 6>

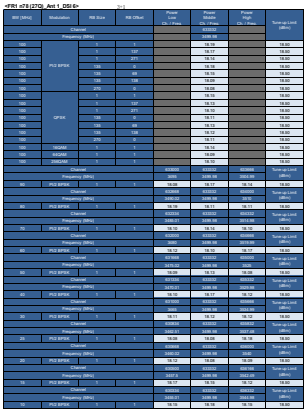
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					633333		
Frequency [MHz]					3699.99		
100		1	0		21.26		21.50
100		1	137		21.27		21.50
100		1	271		21.09		21.50
100	PI/2 BPSK	136	0		21.19		21.50
100		136	69		21.08		21.50
100		136	136		21.19		21.50
100		270	0		21.08		21.50
100		1	0		21.19		21.50
100		1	137		21.11		21.50
100		1	271		21.22		21.50
100	QPSK	136	0		21.12		21.50
100		136	69		21.20		21.50
100		136	136		21.09		21.50
100		270	0		21.17		21.50
100	16QAM	1	0		21.19		21.50
100	64QAM	1	0		21.20		21.50
100	256QAM	1	0		21.16		21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.99	3709.98	
90	PI/2 BPSK	1	0	21.16	21.09	21.13	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
80	PI/2 BPSK	1	0	21.09	21.16	21.13	21.50
Channel				633034	633333	633633	Tune-up Limit [dBm]
Frequency [MHz]				3690.33	3699.99	3709.64	
70	PI/2 BPSK	1	0	21.13	21.19	21.13	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.99	3709.98	
60	PI/2 BPSK	1	0	21.07	21.09	21.17	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
50	PI/2 BPSK	1	0	21.17	21.09	21.13	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
40	PI/2 BPSK	1	0	21.09	21.09	21.13	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.99	3709.98	
30	PI/2 BPSK	1	0	21.08	21.11	21.12	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
25	PI/2 BPSK	1	0	21.13	21.14	21.13	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
20	PI/2 BPSK	1	0	21.13	21.18	21.07	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
15	PI/2 BPSK	1	0	21.17	21.09	21.15	21.50
Channel				633000	633333	633666	Tune-up Limit [dBm]
Frequency [MHz]				3690.01	3699.99	3709.98	
10	PI/2 BPSK	1	0	21.12	21.07	21.14	21.50



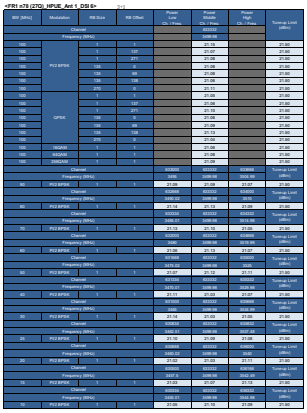
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Tune-up Limit [dBm]
Channel				600000	600668	661334	662000	
Frequency [MHz]				3750	3836.02	3903.01	3930	
100	PI/2 BPSK	1	1	18.64	18.19	18.34	18.13	19.00
100		1	137	17.84	18.03	17.92	18.08	19.00
100		1	271	17.89	18.10	18.06	18.03	19.00
100		135	0	17.84	18.09	18.06	18.11	19.00
100		135	68	18.18	18.18	18.09	18.15	19.00
100		135	134	17.99	17.99	18.06	18.09	19.00
100		270	0	18.09	18.09	18.08	18.15	19.00
100		1	1	18.60	17.82	18.00	18.08	19.00
100	QPSK	1	137	17.85	17.97	17.93	18.01	19.00
100		1	271	18.08	17.86	18.04	18.10	19.00
100		135	0	17.85	18.03	18.01	18.05	19.00
100		135	68	18.07	17.99	18.00	18.08	19.00
100		135	134	17.99	18.09	17.97	18.08	19.00
100		270	0	18.12	18.02	17.97	18.13	19.00
100	16QAM	1	1	17.80	17.99	18.02	18.07	19.00
100	64QAM	1	1	18.06	17.98	18.03	18.10	19.00
100	256QAM	1	1	18.03	18.02	18.08	18.09	19.00
Channel				609666	609600	661334	662334	Tune-up Limit [dBm]
Frequency [MHz]				3780.33	3836.3	3903.67	3936.33	
80	PI/2 BPSK	1	1	17.89	18.02	18.00	18.08	18.00
Channel				609334	609268	661334	609868	Tune-up Limit [dBm]
Frequency [MHz]				3746.01	3835.01	3903.01	3940.33	
40	PI/2 BPSK	1	1	17.87	18.06	17.99	18.09	18.00
Channel				609000	609198	661334	660000	Tune-up Limit [dBm]
Frequency [MHz]				3750	3837.02	3903.01	3930	
20	PI/2 BPSK	1	1	17.93	18.09	17.99	18.09	18.00
Channel				608334	608402	661334	660668	Tune-up Limit [dBm]
Frequency [MHz]				3756.33	3838	3903.01	3932.01	
60	PI/2 BPSK	1	1	17.87	18.08	17.99	18.08	18.00
Channel				609334	609534	661334	660668	Tune-up Limit [dBm]
Frequency [MHz]				3746.01	3839.01	3903.01	3932.01	
30	PI/2 BPSK	1	1	17.83	17.98	17.97	18.08	18.00
Channel				609000	609134	661334	660000	Tune-up Limit [dBm]
Frequency [MHz]				3750	3840.02	3903.01	3930	
40	PI/2 BPSK	1	1	17.83	18.03	17.93	18.07	18.00
Channel				607666	608000	661334	660332	Tune-up Limit [dBm]
Frequency [MHz]				3759.33	3843.9	3903.01	3933.33	
20	PI/2 BPSK	1	1	17.89	18.03	17.95	18.08	18.00
Channel				607000	607018	661334	659332	Tune-up Limit [dBm]
Frequency [MHz]				3772.67	3843.27	3903.01	3927.33	
20	PI/2 BPSK	1	1	17.89	18.02	17.93	18.09	18.00
Channel				607334	607334	661334	659668	Tune-up Limit [dBm]
Frequency [MHz]				3764.01	3843.01	3903.01	3929.67	
20	PI/2 BPSK	1	1	17.93	18.01	17.97	18.03	18.00
Channel				647334	654000	661334	664634	Tune-up Limit [dBm]
Frequency [MHz]				3797.33	3873.75	3934.01	3972.31	
10	PI/2 BPSK	1	1	17.93	18.03	17.93	18.09	18.00
Channel				647000	647168	661334	664000	Tune-up Limit [dBm]
Frequency [MHz]				3795	3874.52	3934.01	3975	
10	PI/2 BPSK	1	1	18.02	17.97	17.99	18.05	18.00

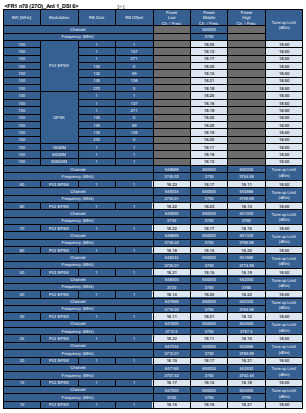


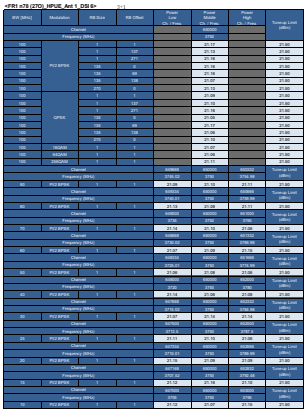
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Tune-up Limit [dBm]
Channel				600000	600668	661334	662000	
Frequency [MHz]				3750	3836.02	3903.01	3930	
100	PI/2 BPSK	1	1	21.09	21.20	21.30	21.13	21.50
100		1	137	20.95	21.03	20.93	21.02	21.50
100		1	271	20.99	21.14	21.06	21.09	21.50
100		135	0	20.93	21.06	21.06	21.13	21.50
100		135	68	21.22	21.12	21.02	21.18	21.50
100		135	134	20.99	21.04	21.10	21.11	21.50
100		270	0	21.10	21.03	21.17	21.16	21.50
100		1	1	21.02	20.94	20.99	21.19	21.50
100	QPSK	1	137	20.91	20.97	20.99	21.01	21.50
100		1	271	21.09	21.02	21.01	21.19	21.50
100		135	0	20.89	20.97	21.04	21.03	21.50
100		135	68	20.96	20.96	21.05	21.19	21.50
100		135	134	20.96	21.01	20.91	21.11	21.50
100		270	0	21.09	21.04	20.99	21.19	21.50
100	16QAM	1	1	20.87	20.99	20.99	21.12	21.50
100	64QAM	1	1	21.03	20.93	21.02	21.17	21.50
100	256QAM	1	1	21.03	21.04	21.13	21.08	21.50
Channel				609666	609600	661334	662334	Tune-up Limit [dBm]
Frequency [MHz]				3780.33	3836.3	3903.01	3936.33	
80	PI/2 BPSK	1	1	20.93	21.00	20.89	21.11	21.00
Channel				609334	609534	661334	663868	Tune-up Limit [dBm]
Frequency [MHz]				3746.01	3835.01	3903.01	3940.33	
40	PI/2 BPSK	1	1	20.91	20.99	20.90	21.02	21.00
Channel				609000	609198	661334	663000	Tune-up Limit [dBm]
Frequency [MHz]				3750	3837.02	3903.01	3930	
20	PI/2 BPSK	1	1	20.99	21.07	20.97	21.08	21.00
Channel				608334	608402	661334	660668	Tune-up Limit [dBm]
Frequency [MHz]				3756.33	3838	3903.01	3932.01	
60	PI/2 BPSK	1	1	20.89	21.07	20.99	21.09	21.00
Channel				609334	609534	661334	660668	Tune-up Limit [dBm]
Frequency [MHz]				3746.01	3839.01	3903.01	3932.01	
30	PI/2 BPSK	1	1	20.83	20.98	20.90	21.00	21.00
Channel				609000	609068	661334	660000	Tune-up Limit [dBm]
Frequency [MHz]				3750	3840.02	3903.01	3930	
40	PI/2 BPSK	1	1	20.84	21.04	20.96	21.06	21.00
Channel				607666	608018	661334	660332	Tune-up Limit [dBm]
Frequency [MHz]				3772.6	3816.27	3903.01	3927.3	
20	PI/2 BPSK	1	1	20.97	21.09	20.91	21.08	21.00
Channel				607334	607334	661334	659668	Tune-up Limit [dBm]
Frequency [MHz]				3764.01	3843.01	3903.01	3929.67	
20	PI/2 BPSK	1	1	20.91	20.99	20.95	21.05	21.00
Channel				647334	654000	661334	664634	Tune-up Limit [dBm]
Frequency [MHz]				3797.33	3873.75	3934.01	3972.31	
10	PI/2 BPSK	1	1	20.99	20.99	20.99	21.00	21.00
Channel				647000	647168	661334	664000	Tune-up Limit [dBm]
Frequency [MHz]				3795	3874.52	3934.01	3975	
10	PI/2 BPSK	1	1	20.91	21.03	20.89	20.99	21.00

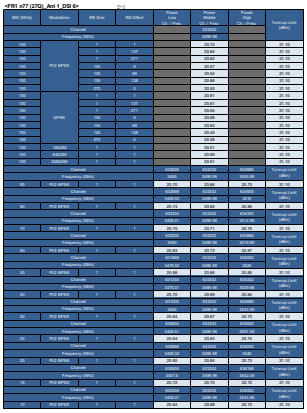


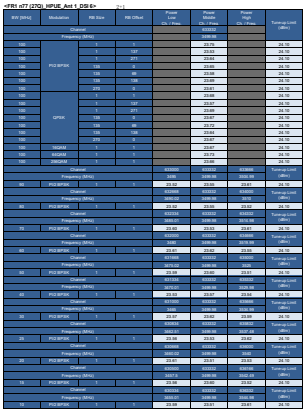
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					633332		636666	
Frequency [MHz]					3896.98		3936.66	
100	PI/2 BPSK	1	1		18.16			18.50
100		1	137		18.17			18.50
100		1	271		18.14			18.50
100		135	0		18.16			18.50
100		135	68		18.18			18.50
100		135	134		18.09			18.50
100		270	0		18.08			18.50
100		1	1		18.19			18.50
100		1	137		18.13			18.50
100		1	271		18.13			18.50
100	QPSK	135	0		18.11			18.50
100		135	68		18.12			18.50
100		135	134		18.12			18.50
100		270	0		18.11			18.50
100	16QAM	1	1		18.14			18.50
100	64QAM	1	1		18.09			18.50
100	256QAM	1	1		18.19			18.50
Channel				633668	633332	633996		Tune-up Limit [dBm]
Frequency [MHz]				3900	3896.98	3932.98		
80	PI/2 BPSK	1	1		18.08	18.17	18.12	18.50
Channel				633668	633332	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3900.02	3896.98	3932.98	3972	
40	PI/2 BPSK	1	1		18.18	18.11	18.13	18.50
Channel				633332	633332	634332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3896.98	3896.98	3972.98	3972.98	
20	PI/2 BPSK	1	1		18.12	18.10	18.10	18.50
Channel				633332	633332	634332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3896.98	3896.98	3972.98	3972.98	
60	PI/2 BPSK	1	1		18.18	18.13	18.13	18.50
Channel				633668	633332	633996		Tune-up Limit [dBm]
Frequency [MHz]				3900.02	3896.98	3932.98		
30	PI/2 BPSK	1	1		18.09	18.13	18.09	18.50
Channel				633332	633332	634332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3896.98	3896.98	3972.98	3972.98	
40	PI/2 BPSK	1	1		18.16	18.17	18.12	18.50
Channel				631998	632332	632668		Tune-up Limit [dBm]
Frequency [MHz]				3891.6	3896.98	3932.98		
20	PI/2 BPSK	1	1		18.11	18.12	18.12	18.50
Channel				633634	633332	633032		Tune-up Limit [dBm]
Frequency [MHz]				3902.61	3896.98	3932.98		
20	PI/2 BPSK	1	1		18.09	18.08	18.18	18.50
Channel				633332	633332	633332		Tune-up Limit [dBm]
Frequency [MHz]				3896.98	3896.98	3896.98		
20	PI/2 BPSK	1	1		18.12	18.09	18.09	18.50
Channel				633002	633332	634198		Tune-up Limit [dBm]
Frequency [MHz]				3897.9	3896.98	3942.28		
10	PI/2 BPSK	1	1		18.17	18.15	18.12	18.50
Channel				633034	633332	633632		Tune-up Limit [dBm]
Frequency [MHz]				3892.31	3896.98	3932.98		
10	PI/2 BPSK	1	1		18.16	18.16	18.16	18.50

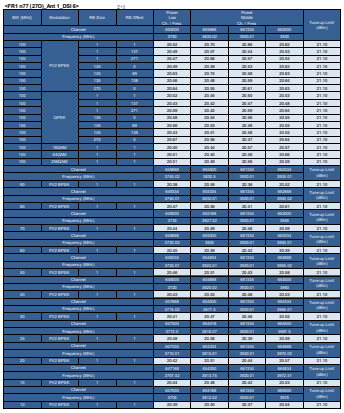


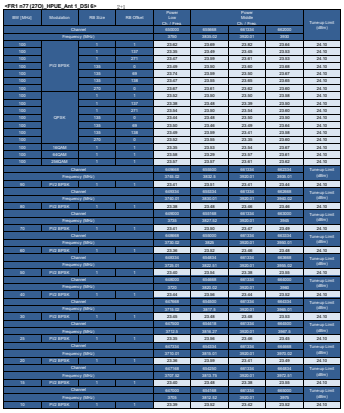


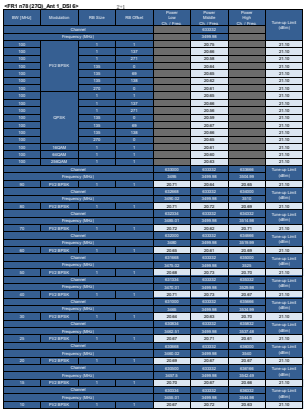


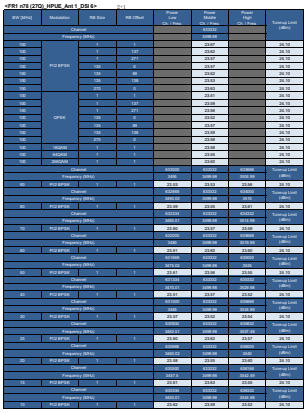


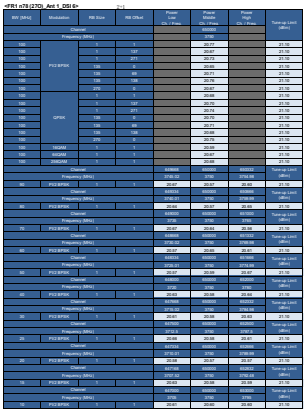


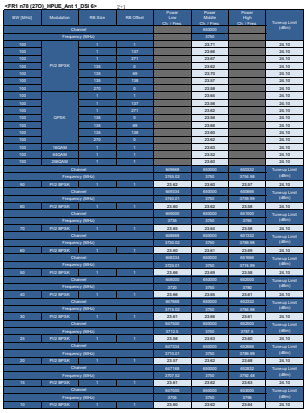












<FR1 n2_Ant 3_DSI 7> 3+2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 378000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1880	1890	
40		1	1	17.15	17.17	16.99	18.20
40		1	108	16.84	16.89	16.81	18.20
40		1	214	16.91	17.00	16.97	18.20
40	PI/2 BPSK	108	0	16.93	16.94	16.93	18.20
40		108	54	17.11	17.16	16.98	18.20
40		108	108	16.94	17.05	16.91	18.20
40		214	0	16.77	16.98	16.74	18.20
40		1	1	16.94	17.06	16.85	18.20
40		1	108	16.94	16.95	16.79	18.20
40		1	214	16.95	17.03	17.02	18.20
40	QPSK	108	0	16.88	16.94	16.90	18.20
40		108	54	16.84	17.02	16.89	18.20
40		108	108	16.73	16.95	16.81	18.20
40		214	0	16.97	17.01	16.87	18.20
40	16QAM	1	1	16.81	16.95	16.88	18.20
40	64QAM	1	1	16.85	16.92	16.87	18.20
40	256QAM	1	1	16.79	16.97	16.81	18.20
Channel				372000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1867.2	1880	1892.8	
35	PI/2 BPSK	1	1	17.06	17.00	16.94	18.20
Channel				372000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1862	1880	1898	
30	PI/2 BPSK	1	1	17.05	17.09	16.93	18.20
Channel				372000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1862.0	1880	1897.8	
25	PI/2 BPSK	1	1	17.01	17.07	16.93	18.20
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.03	17.09	16.88	18.20
Channel				371700	376000	380300	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.08	17.04	16.98	18.20
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.02	17.08	16.98	18.20
Channel				370900	376000	381100	Tune-up Limit (dBm)
Frequency (MHz)				1852.1	1880	1907.9	
5	PI/2 BPSK	1	1	16.98	17.00	16.88	18.20

<FR1 n2_Ant 3_DSI 7> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 378000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1880	1890	
40		1	1	15.49	15.71	15.49	17.10
40		1	108	15.45	15.55	15.24	17.10
40		1	214	15.46	15.48	15.22	17.10
40	PI/2 BPSK	108	0	15.29	15.59	15.32	17.10
40		108	54	15.33	15.64	15.36	17.10
40		108	108	15.36	15.52	15.17	17.10
40		214	0	15.20	15.41	15.23	17.10
40		1	1	15.24	15.58	15.13	17.10
40		1	108	15.34	15.47	15.09	17.10
40		1	214	15.34	15.60	15.21	17.10
40	QPSK	108	0	15.36	15.36	15.15	17.10
40		108	54	15.40	15.46	15.25	17.10
40		108	108	15.28	15.30	15.12	17.10
40		214	0	15.22	15.46	15.10	17.10
40	16QAM	1	1	15.15	15.39	15.03	17.10
40	64QAM	1	1	15.27	15.46	15.21	17.10
40	256QAM	1	1	15.25	15.46	15.09	17.10
Channel				372000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1867.2	1880	1892.8	
35	PI/2 BPSK	1	1	15.48	15.61	15.56	17.10
Channel				372000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1862	1880	1898	
30	PI/2 BPSK	1	1	15.49	15.55	15.41	17.10
Channel				372000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1862.0	1880	1897.8	
25	PI/2 BPSK	1	1	15.41	15.58	15.32	17.10
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	15.42	15.62	15.35	17.10
Channel				371700	376000	380300	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	15.39	15.58	15.41	17.10
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	15.45	15.57	15.33	17.10
Channel				370900	376000	381100	Tune-up Limit (dBm)
Frequency (MHz)				1852.1	1880	1907.9	
5	PI/2 BPSK	1	1	15.48	15.64	15.33	17.10

<FR1 n7_Ant 3_DSI 7> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 502500	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509500	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2545	
50		1	1	16.09	16.11	15.94	16.50
50		1	135	15.87	15.82	15.82	16.50
50		1	298	15.84	15.88	15.86	16.50
50	PI/2 BPSK	135	0	15.81	15.83	15.81	16.50
50		135	68	15.99	15.89	15.87	16.50
50		135	135	15.86	15.88	15.87	16.50
50		270	0	15.82	15.88	15.82	16.50
50		1	1	15.63	15.66	15.62	16.50
50		1	135	15.85	15.86	15.84	16.50
50		1	298	15.84	15.81	15.81	16.50
50	QPSK	135	0	15.85	15.86	15.85	16.50
50		135	68	15.84	15.86	15.83	16.50
50		135	135	15.82	15.81	15.83	16.50
50		270	0	15.86	15.85	15.82	16.50
50	16QAM	1	1	15.67	15.64	15.61	16.50
50	64QAM	1	1	15.83	15.86	15.84	16.50
50	256QAM	1	1	15.84	15.86	15.83	16.50
Channel				502500	507000	515500	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2585	
40	PI/2 BPSK	1	1	16.06	16.07	15.93	16.50
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2017.5	2035	2052.5	
35	PI/2 BPSK	1	1	16.03	16.10	15.94	16.50
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2015	2035	2055	
30	PI/2 BPSK	1	1	16.03	16.05	15.95	16.50
Channel				502000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2012.5	2035	2057.5	
25	PI/2 BPSK	1	1	16.05	16.05	15.94	16.50
Channel				501750	507000	511250	Tune-up Limit (dBm)
Frequency (MHz)				2010.7	2035	2059.3	
20	PI/2 BPSK	1	1	16.08	16.09	15.92	16.50
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2007.5	2035	2062.5	
15	PI/2 BPSK	1	1	16.05	16.08	15.93	16.50
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2005	2035	2065	
10	PI/2 BPSK	1	1	16.08	16.06	15.93	16.50
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2002.5	2035	2067.5	
5	PI/2 BPSK	1	1	16.02	16.04	15.94	16.50

<FR1 n25_Ant 3_DSI 7> 3+2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 374000	Power Middle Ch. / Freq. 376000	Power High Ch. / Freq. 378000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1882.5	1895	
40		1	1	17.22	17.24	17.13	18.20
40		1	108	16.93	17.06	16.93	18.20
40		1	216	17.02	17.16	17.09	18.20
40	PI/2 BPSK	108	0	17.06	17.09	17.02	18.20
40		108	54	17.13	17.28	17.09	18.20
40		108	108	17.01	17.17	16.95	18.20
40		216	0	16.88	17.13	16.96	18.20
40		1	1	17.04	17.15	16.93	18.20
40		1	108	16.89	17.06	16.92	18.20
40		1	216	17.07	17.16	17.07	18.20
40	QPSK	108	0	16.98	17.11	16.96	18.20
40		108	54	16.95	17.18	17.03	18.20
40		108	108	16.77	16.93	16.89	18.20
40		216	0	17.06	17.17	17.01	18.20
40	16QAM	1	1	16.94	17.09	16.95	18.20
40	64QAM	1	1	16.91	17.04	16.75	18.20
40	256QAM	1	1	16.88	16.97	16.89	18.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.12	17.16	17.01	18.20
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.13	17.13	16.98	18.20
Channel				372500	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.10	17.20	17.05	18.20
Channel				372500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.06	17.16	17.05	18.20
Channel				372250	376000	381750	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.13	17.21	17.00	18.20
Channel				372000	376000	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.16	17.16	17.05	18.20
Channel				371500	376000	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.09	17.19	17.02	18.20

<FR1 n25_Ant 3_DSI 7> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				376000	376500	377000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	15.64	15.79	15.38	17.10
40		1	108	15.58	15.66	15.46	17.10
40		1	214	15.55	15.60	15.31	17.10
40	PI/2 BPSK	108	0	15.40	15.66	15.39	17.10
40		108	54	15.65	15.72	15.43	17.10
40		108	108	15.48	15.66	15.36	17.10
40		214	0	15.39	15.55	15.30	17.10
40		1	1	15.55	15.60	15.27	17.10
40		1	108	15.45	15.62	15.23	17.10
40		1	214	15.47	15.72	15.38	17.10
40	QPSK	108	0	15.48	15.54	15.26	17.10
40		108	54	15.46	15.61	15.36	17.10
40		108	108	15.43	15.47	15.27	17.10
40		214	0	15.31	15.59	15.26	17.10
40	16QAM	1	1	15.30	15.44	15.17	17.10
40	64QAM	1	1	15.42	15.55	15.29	17.10
40	256QAM	1	1	15.39	15.55	15.33	17.10
Channel				372000	376000	376000	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	15.58	15.72	15.41	17.10
Channel				375700	376000	376300	Tune-up Limit (dBm)
Frequency (MHz)				1882	1882.5	1883	
30	PI/2 BPSK	1	1	15.58	15.71	15.40	17.10
Channel				375500	376000	376500	Tune-up Limit (dBm)
Frequency (MHz)				1880.5	1882.5	1885.5	
25	PI/2 BPSK	1	1	15.49	15.49	15.41	17.10
Channel				372500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1880	1882.5	1905	
20	PI/2 BPSK	1	1	15.58	15.69	15.46	17.10
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
15	PI/2 BPSK	1	1	15.52	15.62	15.45	17.10
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
10	PI/2 BPSK	1	1	15.57	15.66	15.44	17.10
Channel				370995	376000	382005	Tune-up Limit (dBm)
Frequency (MHz)				1863.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	15.60	15.68	15.40	17.10

<FR1 n30_Ant 3_DSI 7> 3+1

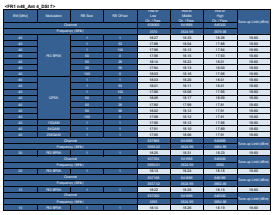
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462500		
Frequency (MHz)					2310		
10		1	1		15.49		17.60
10		1	26		15.48		17.60
10		1	50		16.01		17.60
10	PI/2 BPSK	25	0		15.95		17.60
10		25	14		15.98		17.60
10		25	27		15.95		17.60
10		50	0		15.93		17.60
10		1	1		15.98		17.60
10		1	26		15.60		17.60
10		1	50		15.94		17.60
10	QPSK	25	0		15.92		17.60
10		25	14		15.97		17.60
10		25	27		15.96		17.60
10		50	0		15.87		17.60
10	16QAM	1	1		15.88		17.60
10	64QAM	1	1		15.94		17.60
10	256QAM	1	1		15.93		17.60
Channel				461500	462500	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	15.86	15.85	15.81	17.60

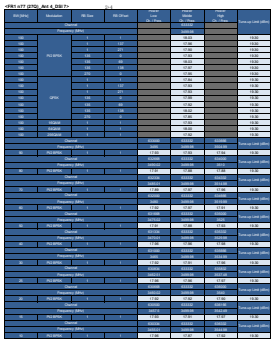
<FR1 n30_Ant 3_DSI 7> 3+2

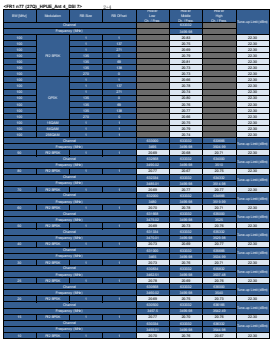
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10		1	1		16.05		20.00
10		1	26		16.05		20.00
10		1	50		16.38		20.00
10	PI/2 BPSK	25	0		16.26		20.00
10		25	14		16.31		20.00
10		25	27		16.36		20.00
10		50	0		16.23		20.00
10		1	1		16.27		20.00
10		1	26		16.27		20.00
10		1	50		16.34		20.00
10	QPSK	25	0		16.29		20.00
10		25	14		16.36		20.00
10		25	27		16.31		20.00
10		50	0		16.29		20.00
10	16QAM	1	1		16.31		20.00
10	64QAM	1	1		16.37		20.00
10	256QAM	1	1		16.25		20.00
Channel				461500	462500	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	16.31	16.25	16.21	20.00

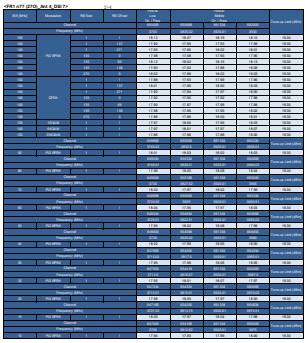
<FR1 n66_Ant 3_DSI 7> 3+2

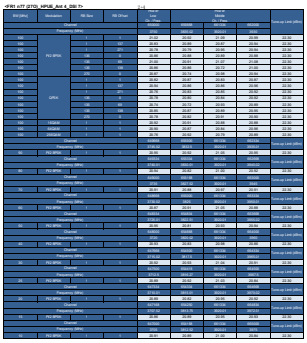
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				344500	349000	341500	
Frequency (MHz)				1732.5	1745	1757.5	
40		1	1	17.72	17.93	17.68	18.30
40		1	53	17.70	17.92	17.63	18.30
40		1	248	17.79	17.90	17.65	18.30
40	PI/2 BPSK	120	0	17.71	17.91	17.67	18.30
40		120	66	17.80	17.94	17.72	18.30
40		120	120	17.77	17.80	17.70	18.30
40		249	0	17.72	17.90	17.63	18.30
40		1	1	17.77	17.91	17.67	18.30
40		1	53	17.71	17.90	17.74	18.30
40		1	248	17.79	17.90	17.68	18.30
40	QPSK	120	0	17.80	17.89	17.65	18.30
40		120	66	17.77	17.90	17.68	18.30
40		120	120	17.71	17.88	17.64	18.30
40		249	0	17.76	17.92	17.66	18.30
40	16QAM	1	1	17.74	17.94	17.65	18.30
40	64QAM	1	1	17.72	17.91	17.74	18.30
40	256QAM	1	1	17.79	17.91	17.63	18.30
Channel				344000	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1769	
40	PI/2 BPSK	1	1	17.60	17.70	17.61	18.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1721.5	1745	1768.5	
35	PI/2 BPSK	1	1	17.66	17.75	17.64	18.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.70	17.78	17.64	18.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.68	17.73	17.52	18.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.68	17.74	17.64	18.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.70	17.76	17.55	18.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.71	17.72	17.53	18.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.68	17.80	17.54	18.30

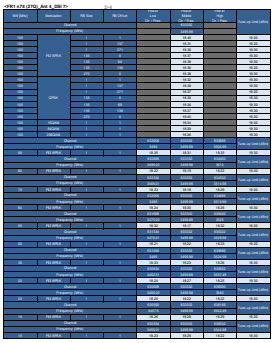


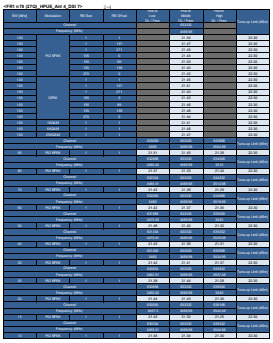


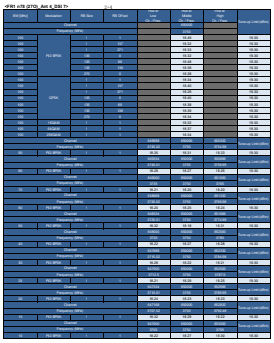


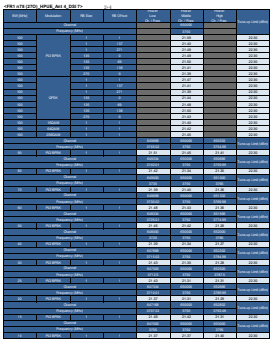












<FR1 n2_Ant 2_DSI 7> 3+2&0+2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	17.33	17.66	17.48	18.20
40		1	108	17.30	17.41	17.29	18.20
40		1	214	17.32	17.27	17.33	18.20
40	PI/2 BPSK	108	0	17.28	17.32	17.38	18.20
40		108	54	17.27	17.32	17.25	18.20
40		108	108	17.39	17.38	17.25	18.20
40		216	0	17.38	17.33	17.23	18.20
40		1	1	17.35	17.29	17.33	18.20
40		1	108	17.24	17.39	17.34	18.20
40		1	214	17.38	17.31	17.34	18.20
40	QPSK	108	0	17.35	17.38	17.24	18.20
40		108	54	17.24	17.44	17.33	18.20
40		108	108	17.20	17.42	17.23	18.20
40		216	0	17.35	17.40	17.34	18.20
40	16QAM	1	1	17.24	17.30	17.28	18.20
40	64QAM	1	1	17.26	17.29	17.21	18.20
40	256QAM	1	1	17.31	17.35	17.30	18.20
Channel				373500	376000	378500	Tune-up Limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	17.31	17.32	17.24	18.20
Channel				373000	376000	379000	Tune-up Limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	17.33	17.30	17.29	18.20
Channel				372500	376000	379500	Tune-up Limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	17.29	17.26	17.17	18.20
Channel				372000	376000	380000	Tune-up Limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	17.27	17.37	17.23	18.20
Channel				371500	376000	380500	Tune-up Limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	17.25	17.30	17.23	18.20
Channel				371000	376000	381000	Tune-up Limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	17.25	17.36	17.20	18.20
Channel				370500	376000	381500	Tune-up Limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	17.26	17.34	17.28	18.20

<FR1 n7_Ant 2_DSI 7> 0+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				505500	507500	509500	
Frequency (MHz)				2525	2535	2545	
50		1	1	18.96	19.14	19.05	19.40
50		1	135	18.82	18.99	18.92	19.40
50		1	268	18.92	18.95	18.91	19.40
50	PI/2 BPSK	135	0	18.89	19.01	18.97	19.40
50		135	68	18.92	19.05	18.88	19.40
50		135	135	18.96	19.01	18.93	19.40
50		270	0	18.95	19.07	18.89	19.40
50		1	1	18.89	18.82	18.90	19.40
50		1	135	18.91	19.02	18.97	19.40
50		1	268	18.82	18.96	18.84	19.40
50	QPSK	135	0	18.99	19.10	18.97	19.40
50		135	68	18.87	18.96	18.84	19.40
50		135	135	18.84	18.98	18.84	19.40
50		270	0	18.86	18.92	18.85	19.40
50	16QAM	1	1	18.90	19.00	18.85	19.40
50	64QAM	1	1	18.89	18.97	18.93	19.40
50	256QAM	1	1	18.87	18.91	18.93	19.40
Channel				504000	507000	510000	Tune-up Limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	18.99	19.07	19.01	19.40
Channel				503500	507000	510500	Tune-up Limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	18.99	19.02	19.06	19.40
Channel				503000	507000	511000	Tune-up Limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	18.97	19.01	19.03	19.40
Channel				502500	507000	511500	Tune-up Limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	18.92	19.12	19.05	19.40
Channel				502000	507000	512000	Tune-up Limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	19.01	19.07	19.06	19.40
Channel				501500	507000	512500	Tune-up Limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	18.94	19.07	19.05	19.40
Channel				501000	507000	513000	Tune-up Limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	18.88	19.07	19.05	19.40
Channel				500500	507000	513500	Tune-up Limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	19.01	19.08	19.04	19.40

<FR1 n25_Ant 2_DSI 7> 3+2&0+2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	17.50	17.69	17.57	18.20
40		1	108	17.45	17.40	17.33	18.20
40		1	214	17.46	17.41	17.41	18.20
40	PI/2 BPSK	108	0	17.39	17.40	17.41	18.20
40		108	54	17.38	17.46	17.30	18.20
40		108	108	17.54	17.40	17.39	18.20
40		216	0	17.45	17.44	17.28	18.20
40		1	1	17.46	17.44	17.44	18.20
40		1	108	17.39	17.55	17.41	18.20
40		1	214	17.46	17.41	17.40	18.20
40	QPSK	108	0	17.49	17.48	17.34	18.20
40		108	54	17.40	17.46	17.41	18.20
40		108	108	17.35	17.48	17.36	18.20
40		216	0	17.44	17.52	17.45	18.20
40	16QAM	1	1	17.39	17.41	17.42	18.20
40	64QAM	1	1	17.41	17.42	17.36	18.20
40	256QAM	1	1	17.47	17.48	17.33	18.20
Channel				373500	376500	379500	Tune-up Limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	17.33	17.45	17.34	18.20
Channel				373000	376500	380000	Tune-up Limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	17.41	17.39	17.34	18.20
Channel				372500	376500	380500	Tune-up Limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	17.37	17.48	17.31	18.20
Channel				372000	376500	381000	Tune-up Limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	17.45	17.51	17.30	18.20
Channel				371500	376500	381500	Tune-up Limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	17.41	17.42	17.37	18.20
Channel				371000	376500	382000	Tune-up Limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	17.44	17.40	17.37	18.20
Channel				370500	376500	382500	Tune-up Limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	17.40	17.40	17.36	18.20

<FR1 n30_Ant 2_DSI 7> 3+2

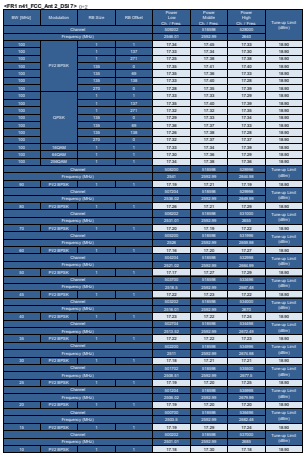
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.02		20.00
10		1	26		18.99		20.00
10		1	50		18.95		20.00
10		25	0		18.93		20.00
10		25	14		18.90		20.00
10		25	27		18.93		20.00
10		50	0		18.97		20.00
10	QPSK	1	1		18.91		20.00
10		1	26		18.90		20.00
10		1	50		18.93		20.00
10		25	0		18.99		20.00
10		25	14		18.97		20.00
10		25	27		18.98		20.00
10		50	0		18.94		20.00
10	16QAM	1	1		18.97		20.00
10	64QAM	1	1		18.96		20.00
10	256QAM	1	1		19.00		20.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.88	18.91	18.95	20.00

<FR1 n30_Ant 2_DSI 7> 0+2

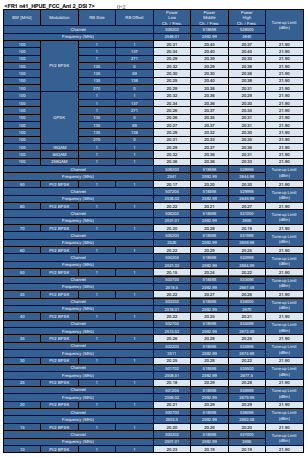
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		18.55		18.80
10		1	26		18.39		18.80
10		1	50		18.47		18.80
10		25	0		18.34		18.80
10		25	14		18.46		18.80
10		25	27		18.40		18.80
10		50	0		18.46		18.80
10	QPSK	1	1		18.35		18.80
10		1	26		18.42		18.80
10		1	50		18.32		18.80
10		25	0		18.37		18.80
10		25	14		18.50		18.80
10		25	27		18.40		18.80
10		50	0		18.43		18.80
10	16QAM	1	1		18.41		18.80
10	64QAM	1	1		18.37		18.80
10	256QAM	1	1		18.44		18.80
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.41	18.39	18.38	18.80

<FR1 n66_Ant 2_DSI 7> 3+2&0+2

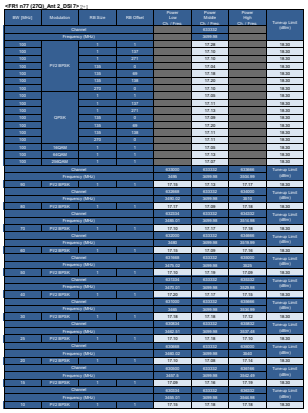
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.77	17.95	17.79	18.30
45		1	120	17.78	17.87	17.86	18.30
45		1	240	17.73	17.83	17.86	18.30
45		120	0	17.75	17.88	17.86	18.30
45		120	60	17.76	17.88	17.90	18.30
45		120	120	17.73	17.90	17.90	18.30
45		240	0	17.71	17.90	17.89	18.30
45	QPSK	1	1	17.74	17.87	17.81	18.30
45		1	120	17.77	17.90	17.82	18.30
45		1	240	17.68	17.85	17.85	18.30
45		120	0	17.72	17.92	17.86	18.30
45		120	60	17.70	17.84	17.89	18.30
45		120	120	17.72	17.82	17.86	18.30
45		240	0	17.75	17.91	17.83	18.30
45	16QAM	1	1	17.68	17.88	17.84	18.30
45	64QAM	1	1	17.74	17.91	17.78	18.30
45	256QAM	1	1	17.77	17.89	17.88	18.30
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.69	17.84	17.74	18.30
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.68	17.79	17.74	18.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.65	17.77	17.79	18.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.68	17.73	17.76	18.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.58	17.79	17.74	18.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.64	17.79	17.78	18.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.66	17.79	17.77	18.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.64	17.83	17.68	18.30



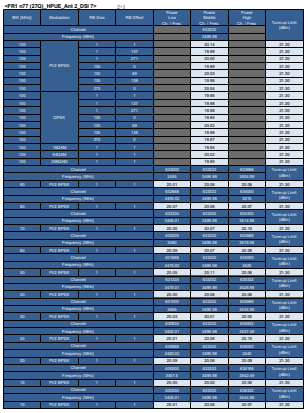
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				636022	636666	636930	
Frequency [MHz]				3540.22	3560.66	3580	
100	PI/2 BPSK	1	1	17.64	17.45	17.35	18.50
100		1	137	17.59	17.34	17.30	18.50
100		1	271	17.49	17.38	17.38	18.50
100		136	0	17.55	17.41	17.40	18.50
100		136	68	17.55	17.36	17.33	18.50
100		136	136	17.53	17.33	17.25	18.50
100		270	0	17.26	17.35	17.39	18.50
100		1	1	17.53	17.33	17.23	18.50
100		1	137	17.53	17.42	17.28	18.50
100		1	272	17.52	17.32	17.30	18.50
100	QPSK	136	0	17.29	17.55	17.34	18.50
100		136	68	17.39	17.37	17.33	18.50
100		136	136	17.49	17.38	17.28	18.50
100		270	0	17.32	17.37	17.37	18.50
100	16QAM	1	1	17.52	17.32	17.39	18.50
100	64QAM	1	1	17.50	17.36	17.28	18.50
100	256QAM	1	1	17.44	17.38	17.25	18.50
Channel				636030	636666	636906	Tune-up Limit [dBm]
Frequency [MHz]				3542	3560.66	3579.18	
80	PI/2 BPSK	1	1	17.79	17.21	17.19	18.50
Channel				637032	636666	636666	Tune-up Limit [dBm]
Frequency [MHz]				3550.32	3560.66	3569.66	
80	PI/2 BPSK	1	1	17.85	17.21	17.29	18.50
Channel				636222	636666	641000	Tune-up Limit [dBm]
Frequency [MHz]				3521.01	3560.66	3600	
79	PI/2 BPSK	1	1	17.20	17.19	17.22	18.50
Channel				636030	636666	641000	Tune-up Limit [dBm]
Frequency [MHz]				3542	3560.66	3598.98	
80	PI/2 BPSK	1	1	17.19	17.26	17.27	18.50
Channel				636234	636666	636966	Tune-up Limit [dBm]
Frequency [MHz]				3521.22	3560.66	3598.98	
80	PI/2 BPSK	1	1	17.77	17.27	17.29	18.50
Channel				636234	636666	636966	Tune-up Limit [dBm]
Frequency [MHz]				3521.22	3560.66	3598.98	
81	PI/2 BPSK	1	1	17.22	17.23	17.22	18.50
Channel				636234	636666	636966	Tune-up Limit [dBm]
Frequency [MHz]				3521.22	3560.66	3598.98	
81	PI/2 BPSK	1	1	17.23	17.22	17.23	18.50
Channel				636234	636666	636966	Tune-up Limit [dBm]
Frequency [MHz]				3521.22	3560.66	3598.98	
25	PI/2 BPSK	1	1	17.22	17.23	17.23	18.50
Channel				636666	636666	636666	Tune-up Limit [dBm]
Frequency [MHz]				3560	3560.66	3560.66	
50	PI/2 BPSK	1	1	17.19	17.21	17.23	18.50
Channel				637152	636666	636600	Tune-up Limit [dBm]
Frequency [MHz]				3584.52	3560.66	3577.5	
26	PI/2 BPSK	1	1	17.09	17.05	17.29	18.50
Channel				637440	636666	636666	Tune-up Limit [dBm]
Frequency [MHz]				3606.42	3560.66	3579.66	
27	PI/2 BPSK	1	1	17.19	17.26	17.29	18.50
Channel				636756	636666	636606	Tune-up Limit [dBm]
Frequency [MHz]				3563.1	3560.66	3560.46	
16	PI/2 BPSK	1	1	17.59	17.29	17.23	18.50
Channel				643032	636666	637032	Tune-up Limit [dBm]
Frequency [MHz]				3607.32	3560.66	3600	
10	PI/2 BPSK	1	1	17.58	17.30	17.18	18.50



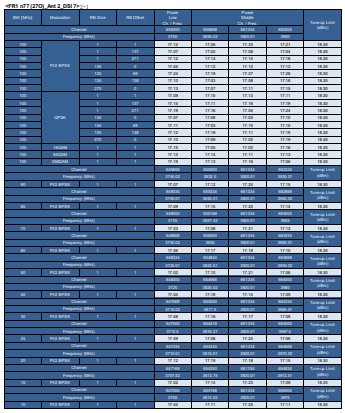
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				636022	636666	636930	
Frequency [MHz]				3540.22	3560.66	3580	
100	PI/2 BPSK	1	1	20.31	20.43	20.37	21.50
100		1	137	20.34	20.43	20.43	21.50
100		1	271	20.29	20.39	20.39	21.50
100		136	0	20.32	20.29	20.39	21.50
100		136	68	20.30	20.30	20.38	21.50
100		136	136	20.26	20.30	20.28	21.50
100		270	0	20.29	20.38	20.31	21.50
100		1	1	20.32	20.39	20.29	21.50
100		1	137	20.33	20.34	20.33	21.50
100		1	272	20.28	20.37	20.34	21.50
100	QPSK	136	0	20.30	20.34	20.31	21.50
100		136	68	20.27	20.37	20.31	21.50
100		136	136	20.26	20.32	20.30	21.50
100		270	0	20.31	20.33	20.39	21.50
100	16QAM	1	1	20.29	20.37	20.38	21.50
100	64QAM	1	1	20.32	20.36	20.31	21.50
100	256QAM	1	1	20.36	20.35	20.33	21.50
Channel				636030	636666	636906	Tune-up Limit [dBm]
Frequency [MHz]				3542	3560.66	3579.18	
80	PI/2 BPSK	1	1	20.17	20.20	20.33	21.50
Channel				637032	636666	636666	Tune-up Limit [dBm]
Frequency [MHz]				3550.32	3560.66	3569.66	
80	PI/2 BPSK	1	1	20.22	20.21	20.27	21.50
Channel				636222	636666	637000	Tune-up Limit [dBm]
Frequency [MHz]				3521.01	3560.66	3600	
79	PI/2 BPSK	1	1	20.20	20.28	20.19	21.50
Channel				636030	636666	637000	Tune-up Limit [dBm]
Frequency [MHz]				3542	3560.66	3600	
80	PI/2 BPSK	1	1	20.22	20.29	20.29	21.50
Channel				636234	636666	636966	Tune-up Limit [dBm]
Frequency [MHz]				3521.22	3560.66	3598.98	
80	PI/2 BPSK	1	1	20.19	20.23	20.23	21.50
Channel				636234	636666	636966	Tune-up Limit [dBm]
Frequency [MHz]				3521.22	3560.66	3598.98	
81	PI/2 BPSK	1	1	20.23	20.27	20.29	21.50
Channel				636234	636666	636966	Tune-up Limit [dBm]
Frequency [MHz]				3521.22	3560.66	3598.98	
81	PI/2 BPSK	1	1	20.24	20.25	20.21	21.50
Channel				637032	636666	636666	Tune-up Limit [dBm]
Frequency [MHz]				3563.52	3560.66	3560.46	
26	PI/2 BPSK	1	1	20.26	20.28	20.29	21.50
Channel				637440	636666	636666	Tune-up Limit [dBm]
Frequency [MHz]				3606.42	3560.66	3579.66	
27	PI/2 BPSK	1	1	20.17	20.29	20.29	21.50
Channel				636756	636666	636606	Tune-up Limit [dBm]
Frequency [MHz]				3563.52	3560.66	3560.46	
16	PI/2 BPSK	1	1	20.29	20.28	20.29	21.50
Channel				643032	636666	637032	Tune-up Limit [dBm]
Frequency [MHz]				3607.32	3560.66	3600	
10	PI/2 BPSK	1	1	20.23	20.19	20.19	21.50

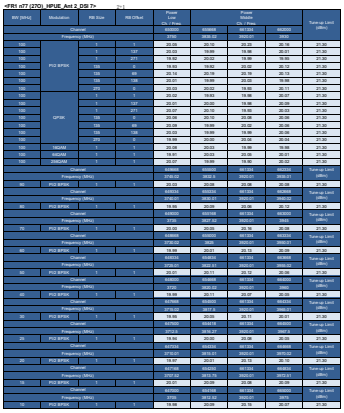


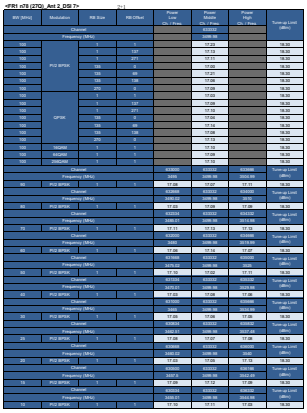
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3539.98		
100	PI/2 BPSK	1	1		17.28		18.50
100		1	137		17.19		18.50
100		1	271		17.19		18.50
100		136	0		17.39		18.50
100		136	68		17.18		18.50
100		136	136		17.20		18.50
100		270	0		17.19		18.50
100		1	1		17.09		18.50
100		1	137		17.13		18.50
100		1	272		17.13		18.50
100	QPSK	136	0		17.09		18.50
100		136	68		17.20		18.50
100		136	136		17.11		18.50
100		270	0		17.11		18.50
100	16QAM	1	1		17.39		18.50
100	64QAM	1	1		17.18		18.50
100	256QAM	1	1		17.27		18.50
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3530	3539.98	3550.98	
80	PI/2 BPSK	1	1	17.16	17.13	17.17	18.50
Channel				633666	633332	633332	Tune-up Limit [dBm]
Frequency [MHz]				3540.12	3539.98	3539	
80	PI/2 BPSK	1	1	17.17	17.09	17.18	18.50
Channel				633333	633332	633332	Tune-up Limit [dBm]
Frequency [MHz]				3540.15	3539.98	3539.98	
79	PI/2 BPSK	1	1	17.15	17.17	17.15	18.50
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3530	3539.98	3550.98	
80	PI/2 BPSK	1	1	17.15	17.09	17.18	18.50
Channel				637666	633332	633000	Tune-up Limit [dBm]
Frequency [MHz]				3575.22	3539.98	3530	
80	PI/2 BPSK	1	1	17.13	17.19	17.09	18.50
Channel				637332	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3570.27	3539.98	3550.98	
81	PI/2 BPSK	1	1	17.25	17.17	17.15	18.50
Channel				637332	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3570.27	3539.98	3550.98	
25	PI/2 BPSK	1	1	17.16	17.18	17.12	18.50
Channel				633633	633332	633032	Tune-up Limit [dBm]
Frequency [MHz]				3560.31	3539.98	3521.28	
26	PI/2 BPSK	1	1	17.10	17.09	17.12	18.50
Channel				634000	633332	632666	Tune-up Limit [dBm]
Frequency [MHz]				3587.4	3539.98	3512.58	
27	PI/2 BPSK	1	1	17.09	17.19	17.19	18.50
Channel				634366	633332	632300	Tune-up Limit [dBm]
Frequency [MHz]				3592.68	3539.98	3507.18	
16	PI/2 BPSK	1	1	17.25	17.18	17.15	18.50

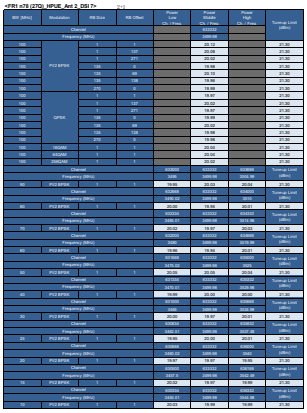


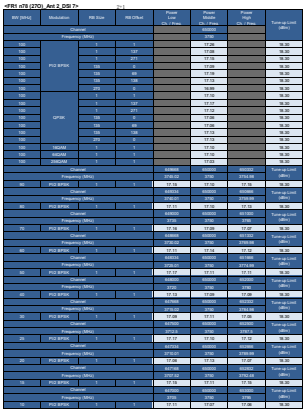
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3539.98		
100	PI/2 BPSK	1	1		20.19		21.50
100		1	137		19.95		21.50
100		1	271		20.00		21.50
100		136	0		19.89		21.50
100		136	68		20.03		21.50
100		136	136		19.95		21.50
100		270	0		20.05		21.50
100		1	1		19.99		21.50
100		1	137		19.95		21.50
100		1	271		19.99		21.50
100	QPSK	136	0		19.93		21.50
100		136	68		20.02		21.50
100		136	136		19.98		21.50
100		270	0		19.97		21.50
100	16QAM	1	1		19.94		21.50
100	64QAM	1	1		20.02		21.50
100	256QAM	1	1		19.92		21.50
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3530	3539.98	3550.98	
80	PI/2 BPSK	1	1	20.01	20.09	20.06	21.50
Channel				633666	633332	633332	Tune-up Limit [dBm]
Frequency [MHz]				3540.12	3539.98	3539	
80	PI/2 BPSK	1	1	20.07	20.04	20.07	21.50
Channel				633333	633332	633332	Tune-up Limit [dBm]
Frequency [MHz]				3540.15	3539.98	3539.98	
79	PI/2 BPSK	1	1	20.00	20.07	20.10	21.50
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3530	3539.98	3550.98	
80	PI/2 BPSK	1	1	20.09	20.07	20.08	21.50
Channel				637666	633332	633000	Tune-up Limit [dBm]
Frequency [MHz]				3575.22	3539.98	3530	
80	PI/2 BPSK	1	1	20.09	20.11	20.06	21.50
Channel				637332	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3570.27	3539.98	3550.98	
81	PI/2 BPSK	1	1	20.00	20.09	20.06	21.50
Channel				637332	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3570.27	3539.98	3550.98	
25	PI/2 BPSK	1	1	20.01	20.09	20.10	21.50
Channel				633633	633332	633032	Tune-up Limit [dBm]
Frequency [MHz]				3560.31	3539.98	3521.28	
26	PI/2 BPSK	1	1	20.09	20.06	20.10	21.50
Channel				634000	633332	632666	Tune-up Limit [dBm]
Frequency [MHz]				3587.4	3539.98	3512.58	
27	PI/2 BPSK	1	1	20.05	20.00	20.06	21.50
Channel				634366	633332	632300	Tune-up Limit [dBm]
Frequency [MHz]				3592.68	3539.98	3507.18	
16	PI/2 BPSK	1	1	20.21	20.06	20.07	21.50

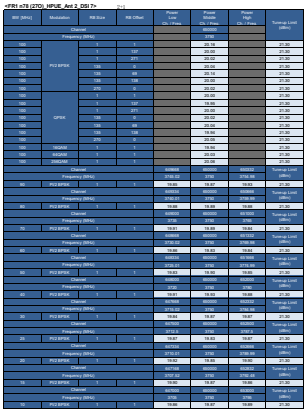












<FR1 n2_Ant 0_DSI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				374000	376000	378000	
Frequency [MHz]				1870	1880	1890	
40		1	1	17.08	17.26	16.99	19.20
40		1	109	16.91	16.93	16.96	19.20
40		1	218	16.89	17.00	16.88	19.20
40		109	0	17.04	17.01	16.96	19.20
40		109	54	16.88	16.98	16.88	19.20
40		109	109	16.97	16.99	16.99	19.20
40		218	0	16.99	16.98	17.01	19.20
40		1	1	16.96	17.04	16.99	19.20
40		1	109	16.96	17.05	17.01	19.20
40		1	218	16.92	16.94	16.92	19.20
40	QPSK	109	0	16.92	16.99	16.98	19.20
40		109	54	16.93	16.99	16.93	19.20
40		109	109	16.95	16.92	16.94	19.20
40		218	0	16.90	17.03	16.92	19.20
40	16QAM	1	1	16.91	16.93	16.97	18.20
40	64QAM	1	1	16.96	16.97	16.99	18.20
40	256QAM	1	1	16.90	17.03	16.93	18.20
Channel				373000	376000	379000	Tune-up Limit [dBm]
Frequency [MHz]				1867.5	1880	1892.5	
39	PI/2 BPSK	1	1	16.92	16.93	17.01	19.20
Channel				372500	376000	379500	Tune-up Limit [dBm]
Frequency [MHz]				1865	1880	1895	
39	PI/2 BPSK	1	1	16.98	16.93	16.92	19.20
Channel				372000	376000	380000	Tune-up Limit [dBm]
Frequency [MHz]				1862.5	1880	1897.5	
38	PI/2 BPSK	1	1	16.98	16.88	16.99	19.20
Channel				371500	376000	380500	Tune-up Limit [dBm]
Frequency [MHz]				1860	1880	1900	
38	PI/2 BPSK	1	1	16.91	16.84	17.01	19.20
Channel				371000	376000	381000	Tune-up Limit [dBm]
Frequency [MHz]				1857.5	1880	1902.5	
37	PI/2 BPSK	1	1	16.92	16.89	16.89	19.20
Channel				370500	376000	381500	Tune-up Limit [dBm]
Frequency [MHz]				1855.0	1880	1905.0	
36	PI/2 BPSK	1	1	16.91	16.96	16.99	19.20
Channel				370000	376000	382000	Tune-up Limit [dBm]
Frequency [MHz]				1852.5	1880	1907.5	
35	PI/2 BPSK	1	1	16.94	16.94	16.90	19.20

<FR1 n7_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				509000	507500	506000	
Frequency [MHz]				2535	2530	2525	
60		1	1	17.42	17.38	17.61	19.40
60		1	135	17.30	17.39	17.39	19.40
60		1	269	17.32	17.39	17.40	19.40
60	PI/2 BPSK	135	0	17.35	17.40	17.38	19.40
60		135	68	17.25	17.43	17.18	19.40
60		135	135	17.39	17.43	17.39	19.40
60		270	0	17.40	17.37	17.34	19.40
60		1	1	17.37	17.33	17.33	19.40
60		1	135	17.37	17.28	17.29	19.40
60		1	269	17.30	17.38	17.33	19.40
60	QPSK	135	0	17.21	17.43	17.17	19.40
60		135	68	17.32	17.40	17.29	19.40
60		135	135	17.34	17.44	17.42	19.40
60		270	0	17.41	17.41	17.29	19.40
60	16QAM	1	1	17.38	17.29	17.38	18.40
60	64QAM	1	1	17.36	17.28	17.40	18.40
60	256QAM	1	1	17.31	17.40	17.31	18.40
Channel				504000	507500	510500	Tune-up Limit [dBm]
Frequency [MHz]				2520	2530	2540	
40	PI/2 BPSK	1	1	17.45	17.45	17.43	19.40
Channel				503500	507500	511500	Tune-up Limit [dBm]
Frequency [MHz]				2517.5	2530	2542.5	
39	PI/2 BPSK	1	1	17.41	17.43	17.45	19.40
Channel				503000	507500	512000	Tune-up Limit [dBm]
Frequency [MHz]				2515	2530	2545	
38	PI/2 BPSK	1	1	17.31	17.43	17.39	19.40
Channel				502500	507500	512500	Tune-up Limit [dBm]
Frequency [MHz]				2512.5	2530	2547.5	
37	PI/2 BPSK	1	1	17.41	17.40	17.39	19.40
Channel				502000	507500	513000	Tune-up Limit [dBm]
Frequency [MHz]				2510	2530	2550	
36	PI/2 BPSK	1	1	17.37	17.45	17.39	19.40
Channel				501500	507500	513500	Tune-up Limit [dBm]
Frequency [MHz]				2507.5	2530	2552.5	
35	PI/2 BPSK	1	1	17.39	17.37	17.43	19.40
Channel				501000	507500	514000	Tune-up Limit [dBm]
Frequency [MHz]				2505.0	2530	2555.0	
34	PI/2 BPSK	1	1	17.33	17.49	17.49	19.40

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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				509000	507500	506000	
Frequency [MHz]				2535	2530	2525	
60		1	1	14.91	15.06	15.09	16.50
60		1	135	14.82	14.90	14.95	16.50
60		1	269	14.79	14.88	14.71	16.50
60	PI/2 BPSK	135	0	14.81	14.86	14.81	16.50
60		135	68	14.71	14.92	14.86	16.50
60		135	135	14.81	14.86	14.84	16.50
60		270	0	14.91	14.90	14.83	16.50
60		1	1	14.90	14.82	14.84	16.40
60		1	135	14.86	14.92	14.79	16.50
60		1	269	14.77	14.92	14.88	16.40
60	QPSK	135	0	14.73	14.97	14.62	16.50
60		135	68	14.79	14.85	14.90	16.50
60		135	135	14.86	14.88	14.72	16.50
60		270	0	14.82	14.97	14.79	16.50
60	16QAM	1	1	14.86	14.79	14.81	16.50
60	64QAM	1	1	14.85	14.82	14.91	16.50
60	256QAM	1	1	14.79	14.88	14.87	16.50
Channel				504000	507500	510500	Tune-up Limit [dBm]
Frequency [MHz]				2520	2530	2540	
40	PI/2 BPSK	1	1	14.78	15.02	14.92	16.50
Channel				503500	507500	511500	Tune-up Limit [dBm]
Frequency [MHz]				2517.5	2530	2542.5	
39	PI/2 BPSK	1	1	14.76	15.09	14.96	16.50
Channel				503000	507500	512000	Tune-up Limit [dBm]
Frequency [MHz]				2515	2530	2545	
38	PI/2 BPSK	1	1	14.81	14.97	14.89	16.50
Channel				502500	507500	512500	Tune-up Limit [dBm]
Frequency [MHz]				2512.5	2530	2547.5	
37	PI/2 BPSK	1	1	14.76	14.98	14.96	16.50
Channel				502000	507500	513000	Tune-up Limit [dBm]
Frequency [MHz]				2510	2530	2550	
36	PI/2 BPSK	1	1	14.78	15.03	14.87	16.50
Channel				501500	507500	513500	Tune-up Limit [dBm]
Frequency [MHz]				2507.5	2530	2552.5	
35	PI/2 BPSK	1	1	14.86	14.98	14.96	16.50
Channel				501000	507500	514000	Tune-up Limit [dBm]
Frequency [MHz]				2505.0	2530	2555.0	
34	PI/2 BPSK	1	1	14.84	15.04	14.93	16.50

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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				374000	376000	378000	
Frequency [MHz]				1870	1880	1890	
40		1	1	17.13	17.26	17.17	18.20
40		1	109	17.07	17.06	17.03	18.20
40		1	218	17.08	17.19	17.01	18.20
40		109	0	17.09	17.09	16.96	18.20
40		109	54	16.96	17.05	16.92	18.20
40		109	109	17.10	17.02	17.13	18.20
40		218	0	17.09	17.09	17.16	18.20
40		1	1	17.01	17.07	16.97	18.20
40		1	109	17.05	17.13	17.09	18.20
40		1	218	16.99	17.04	16.98	18.20
40	QPSK	109	0	17.00	17.07	17.05	18.20
40		109	54	17.07	17.09	17.01	18.20
40		109	109	17.03	17.09	16.92	18.20
40		218	0	16.98	17.11	16.98	18.20
40	16QAM	1	1	17.03	17.09	17.07	18.20
40	64QAM	1	1	17.03	17.07	16.92	18.20
40	256QAM	1	1	16.98	17.12	16.99	18.20
Channel				373000	376000	379000	Tune-up Limit [dBm]
Frequency [MHz]				1867.5	1880	1892.5	
39	PI/2 BPSK	1	1	17.07	17.06	17.10	18.20
Channel				372500	376000	379500	Tune-up Limit [dBm]
Frequency [MHz]				1865	1880	1895	
39	PI/2 BPSK	1	1	17.08	17.09	17.07	18.20
Channel				372000	376000	380000	Tune-up Limit [dBm]
Frequency [MHz]				1862.5	1880	1897.5	
38	PI/2 BPSK	1	1	17.06	17.09	17.02	18.20
Channel				371500	376000	380500	Tune-up Limit [dBm]
Frequency [MHz]				1860	1880	1900	
38	PI/2 BPSK	1	1	17.10	17.07	17.10	18.20
Channel				371000	376000	381000	Tune-up Limit [dBm]
Frequency [MHz]				1857.5	1880	1902.5	
37	PI/2 BPSK	1	1	17.13	16.97	17.07	18.20
Channel				370500	376000	381500	Tune-up Limit [dBm]
Frequency [MHz]				1855.0	1880	1905.0	
36	PI/2 BPSK	1	1	17.01	17.09	17.05	18.20
Channel				370000	376000	382000	Tune-up Limit [dBm]
Frequency [MHz]				1852.5	1880	1907.5	
35	PI/2 BPSK	1	1	17.02	17.01	17.02	18.20

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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				370000	376500	378000	
Frequency [MHz]				1870	1882.5	1890	
40		1	1	19.89	19.87	19.49	17.70
40		1	109	19.89	19.89	19.49	17.70
40		1	218	19.89	19.88	19.49	17.70
40		109	0	19.42	19.48	19.07	17.70
40		109	54	19.38	19.47	19.08	17.70
40		109	109	19.42	19.47	19.09	17.70
40		218	0	19.42	19.52	19.08	17.70
40		1	1	19.44	19.52	19.08	17.70
40		1	108	19.48	19.58	19.45	17.70
40		1	216	19.38	19.43	19.33	17.70
40	QPSK	108	0	19.43	19.49	19.47	17.70
40		108	54	19.42	19.41	19.42	17.70
40		108	108	19.91	19.41	19.42	17.70
40		216	0	19.42	19.49	19.39	17.70
40	16QAM	1	1	19.89	19.49	19.48	17.70
40	64QAM	1	1	19.49	19.87	19.39	17.70
40	256QAM	1	1	19.37	19.87	19.49	17.70
Channel				373000	376500	378000	Tune-up Limit [dBm]
Frequency [MHz]				1897.5	1900.5	1902.5	
39	PI/2 BPSK	1	1	19.89	19.89	19.49	17.70
Channel				372500	376500	380500	Tune-up Limit [dBm]
Frequency [MHz]				1895	1900.5	1906	
39	PI/2 BPSK	1	1	19.94	19.89	19.58	17.70
Channel				372000	376500	381000	Tune-up Limit [dBm]
Frequency [MHz]				1892.5	1900.5	1908.5	
39	PI/2 BPSK	1	1	19.92	19.93	19.62	17.70
Channel				371500	376500	381500	Tune-up Limit [dBm]
Frequency [MHz]				1890	1900.5	1911	
39	PI/2 BPSK	1	1	19.91	19.91	19.59	17.70
Channel				371000	376500	382000	Tune-up Limit [dBm]
Frequency [MHz]				1887.5	1900.5	1913.5	
39	PI/2 BPSK	1	1	19.93	19.89	19.57	17.70
Channel				370500	376500	382500	Tune-up Limit [dBm]
Frequency [MHz]				1885.0	1900.5	1916.0	
39	PI/2 BPSK	1	1	19.92	19.86	19.45	17.70

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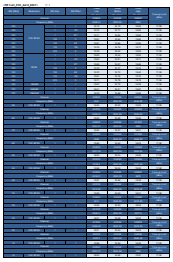
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					382000		
Frequency [MHz]					2610		
10		1	1		17.19		16.80
10		1	25		17.69		16.80
10		1	50		17.09		16.80
10	PI/2 BPSK	25	0		17.01		16.80
10		25	13		16.97		16.80
10		25	27		16.99		16.80
10		50	0		17.01		16.80
10		1	1		17.03		16.80
10		1	26		17.01		16.80
10		1	50		16.99		16.80
10	QPSK	25	0		16.99		16.80
10		25	13		17.03		16.80
10		25	27		17.03		16.80
10		50	0		17.02		16.80
10	16QAM	1	1		17.03		16.80
10	64QAM	1	1		16.99		16.80
10	256QAM	1	1		16.93		16.80
Channel				381000	382000	383000	Tune-up Limit [dBm]
Frequency [MHz]				2597.5	2610	2622.5	
6	PI/2 BPSK	1	1	17.05	17.03	17.01	16.80

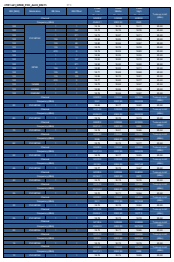
<FR1 n30_Ant 0_DSI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					462000		
Frequency [MHz]					2310		
10		1	1		17.05		17.80
10		1	25		17.05		17.80
10		1	49		17.02		17.80
10	PI/2 BPSK	25	0		17.03		17.80
10		25	13		17.09		17.80
10		25	27		17.07		17.80
10		50	0		17.09		17.80
10		1	1		17.09		17.80
10		1	26		17.05		17.80
10		1	50		17.08		17.80
10	QPSK	25	0		17.02		17.80
10		25	13		17.07		17.80
10		25	27		17.08		17.80
10		50	0		17.08		17.80
10	16QAM	1	1		17.03		17.80
10	64QAM	1	1		17.02		17.80
10	256QAM	1	1		17.03		17.80
Channel				461000	462000	463000	Tune-up Limit [dBm]
Frequency [MHz]				2307.5	2310	2312.5	
6	PI/2 BPSK	1	1	17.09	17.05	17.01	17.80

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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				349000	349000	351500	
Frequency [MHz]				1720.0	1720	1707.5	
40		1	1	17.92	18.39	17.86	16.30
40		1	109	17.94	18.41	17.83	16.30
40		1	218	17.99	18.21	17.87	16.30
40		109	0	17.96	18.23	17.84	16.30
40		109	60	17.99	18.28	17.87	16.30
40		109	109	18.00	18.29	17.84	16.30
40		218	0	17.98	18.23	17.84	16.30
40		1	1	17.98	18.29	17.86	16.30
40		1	109	17.93	18.25	17.86	16.30
40		1	218	17.96	18.32	17.86	16.30
40	QPSK	109	0	17.93	18.23	17.83	16.30
40		109	60	18.01	18.32	17.86	16.30
40		109	109	17.90	18.27	17.86	16.30
40		218	0	17.93	18.30	17.86	16.30
40	16QAM	1	1	18.00	18.28	17.86	16.30
40	64QAM	1	1	17.97	18.23	17.91	16.30
40	256QAM	1	1	17.86	18.24	17.86	16.30
Channel				349000	349000	352000	Tune-up Limit [dBm]
Frequency [MHz]				1720	1720	1709	
40	PI/2 BPSK	1	1	17.91	18.19	17.86	16.30
Channel				348500	349000	350500	Tune-up Limit [dBm]
Frequency [MHz]				1717.5	1720	1702.5	
39	PI/2 BPSK	1	1	17.89	18.11	17.79	16.30
Channel				348000	349000	350000	Tune-up Limit [dBm]
Frequency [MHz]				1715	1720	1700	
39	PI/2 BPSK	1	1	17.79	18.17	17.81	16.30
Channel				347500	349000	350500	Tune-up Limit [dBm]
Frequency [MHz]				1712.5	1720	1707.5	
20	PI/2 BPSK	1	1	17.83	18.19	17.86	16.30
Channel				347000	349000	351000	Tune-up Limit [dBm]
Frequency [MHz]				1710	1720	1730	
20	PI/2 BPSK	1	1	17.79	18.18	17.86	16.30
Channel				346500	349000	351500	Tune-up Limit [dBm]
Frequency [MHz]				1707.5	1720	1732.5	
19	PI/2 BPSK	1	1	17.87	18.21	17.87	16.30
Channel				346000	349000	352000	Tune-up Limit [dBm]
Frequency [MHz]				1705.0	1720	1735	
19	PI/2 BPSK	1	1	17.79	18.21	17.77	16.30
Channel				345500	349000	352500	Tune-up Limit [dBm]
Frequency [MHz]				1702.5	1720	1737.5	
6	PI/2 BPSK	1	1	17.89	18.16	17.81	16.30





<FR1 n2_Ant 1_DSI 7> 3+1&0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	15.87	16.25	16.03	17.10
40		1	108	15.69	16.02	15.83	17.10
40		1	214	15.75	15.75	15.70	17.10
40	PI/2 BPSK	108	0	15.74	15.99	15.84	17.10
40		108	54	15.73	16.23	15.91	17.10
40		108	108	15.72	15.92	15.83	17.10
40		216	0	15.73	15.80	15.67	17.10
40		1	1	15.67	15.86	15.67	17.10
40		1	108	15.71	16.04	15.81	17.10
40		1	214	15.75	15.86	15.76	17.10
40	QPSK	108	0	15.66	15.97	15.79	17.10
40		108	54	15.69	15.93	15.74	17.10
40		108	108	15.73	16.03	15.84	17.10
40		216	0	15.66	15.92	15.75	17.10
40	16QAM	1	1	15.67	15.95	15.67	17.10
40	64QAM	1	1	15.77	15.94	15.78	17.10
40	256QAM	1	1	15.62	15.95	15.68	17.10
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	15.78	16.15	15.97	17.10
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	15.78	16.10	15.98	17.10
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	15.77	16.13	15.90	17.10
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	15.78	16.11	15.89	17.10
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	15.67	16.12	15.96	17.10
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	15.76	16.14	15.96	17.10
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	15.68	16.09	15.97	17.10

<FR1 n7_Ant 1_DSI 7> 3+1&0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506000	507000	508000	
Frequency (MHz)				2525	2535	2545	
50		1	1	14.72	14.74	14.59	16.50
50		1	135	14.56	14.65	14.48	16.50
50		1	268	14.50	14.66	14.55	16.50
50	PI/2 BPSK	135	0	14.54	14.61	14.54	16.50
50		135	68	14.58	14.72	14.50	16.50
50		135	135	14.50	14.64	14.51	16.50
50		270	0	14.54	14.59	14.52	16.50
50		1	1	14.57	14.59	14.50	16.50
50		1	135	14.47	14.66	14.54	16.50
50		1	268	14.50	14.52	14.47	16.50
50	QPSK	135	0	14.54	14.57	14.56	16.50
50		135	68	14.48	14.60	14.50	16.50
50		135	135	14.52	14.49	14.47	16.50
50		270	0	14.47	14.57	14.53	16.50
50	16QAM	1	1	14.45	14.59	14.48	16.50
50	64QAM	1	1	14.47	14.64	14.51	16.50
50	256QAM	1	1	14.54	14.62	14.52	16.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	14.60	14.67	14.45	16.50
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	14.56	14.63	14.51	16.50
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	14.56	14.61	14.56	16.50
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	14.61	14.62	14.46	16.50
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	14.60	14.65	14.46	16.50
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	14.54	14.61	14.55	16.50
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	14.56	14.60	14.46	16.50
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	14.58	14.58	14.46	16.50

<FR1 n25_Ant 1_DSI 7> 3+1&0+1

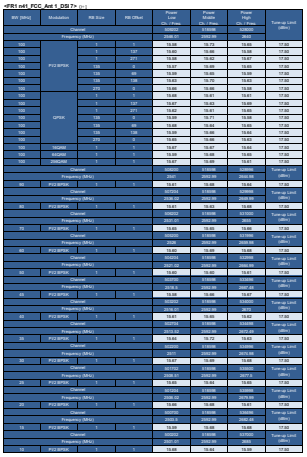
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	15.93	16.30	16.13	17.10
40		1	108	15.80	16.08	15.90	17.10
40		1	214	15.80	15.88	15.75	17.10
40	PI/2 BPSK	108	0	15.81	16.05	15.94	17.10
40		108	54	15.89	16.29	15.96	17.10
40		108	108	15.79	16.04	15.89	17.10
40		216	0	15.82	15.90	15.81	17.10
40		1	1	15.78	16.01	15.79	17.10
40		1	108	15.76	16.08	15.89	17.10
40		1	214	15.88	15.98	15.87	17.10
40	QPSK	108	0	15.81	16.08	15.90	17.10
40		108	54	15.83	15.99	15.79	17.10
40		108	108	15.85	16.14	15.91	17.10
40		216	0	15.81	16.02	15.80	17.10
40	16QAM	1	1	15.81	16.09	15.77	17.10
40	64QAM	1	1	15.83	16.07	15.92	17.10
40	256QAM	1	1	15.76	16.00	15.78	17.10
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	15.79	16.16	16.01	17.10
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	15.81	16.24	15.98	17.10
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	15.83	16.26	15.99	17.10
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	15.81	16.20	16.00	17.10
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	15.77	16.16	15.96	17.10
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	15.82	16.18	16.04	17.10
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	15.84	16.22	15.95	17.10

<FR1 n30_Ant 1_DSI 7> 3+1&0+1

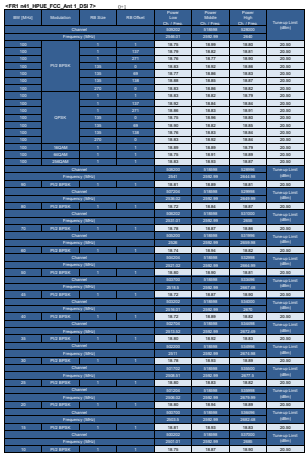
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000			
Frequency (MHz)				2310			
10	PI/2 BPSK	1	1		16.66		17.80
10		1	26		16.60		17.80
10		1	50		16.65		17.80
10		25	0		16.61		17.80
10		25	14		16.57		17.80
10		25	27		16.62		17.80
10		50	0		16.64		17.80
10	QPSK	1	1		16.53		17.80
10		1	26		16.57		17.80
10		1	50		16.53		17.80
10		25	0		16.56		17.80
10		25	14		16.56		17.80
10		25	27		16.62		17.80
10		50	0		16.53		17.80
10	16QAM	1	1		16.65		17.80
10	64QAM	1	1		16.60		17.80
10	256QAM	1	1		16.63		17.80
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	16.61	16.58	16.59	17.80

<FR1 n66_Ant 1_DSI 7> 0+1&3+1

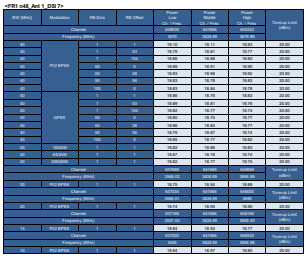
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	351980	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.39	17.65	17.45	18.30
45		1	120	17.38	17.65	17.45	18.30
45		1	240	17.37	17.62	17.37	18.30
45		120	0	17.40	17.58	17.42	18.30
45		120	60	17.38	17.63	17.45	18.30
45		120	120	17.38	17.66	17.44	18.30
45		240	0	17.37	17.61	17.45	18.30
45	QPSK	1	1	17.44	17.56	17.40	18.30
45		1	120	17.35	17.56	17.44	18.30
45		1	240	17.44	17.63	17.44	18.30
45		120	0	17.35	17.62	17.37	18.30
45		120	60	17.39	17.58	17.44	18.30
45		120	120	17.44	17.57	17.43	18.30
45		249	0	17.46	17.60	17.44	18.30
45	16QAM	1	1	17.37	17.65	17.35	18.30
45	64QAM	1	1	17.39	17.63	17.43	18.30
45	256QAM	1	1	17.40	17.63	17.40	18.30
Channel				345000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.29	17.55	17.31	18.30
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.26	17.55	17.30	18.30
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.34	17.51	17.27	18.30
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.36	17.46	17.33	18.30
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.33	17.46	17.34	18.30
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.29	17.49	17.34	18.30
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.30	17.47	17.33	18.30
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.29	17.53	17.30	18.30



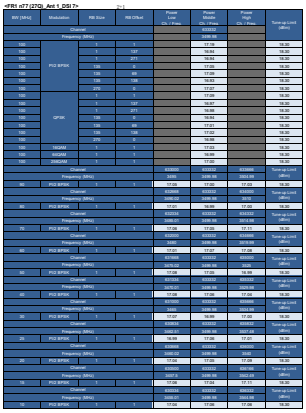
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				609202	619666	629830	
Frequency [MHz]				2540.01	2602.66	2665	
100		1	1	19.58	19.73	19.86	17.50
100		1	137	19.49	19.64	19.58	17.50
100		1	271	19.58	19.42	19.67	17.50
100	PI/2 BPSK	135	0	19.47	19.64	19.65	17.50
100		135	68	19.58	19.60	19.58	17.50
100		135	135	19.63	19.70	19.63	17.50
100		270	0	19.66	19.66	19.58	17.50
100		1	1	19.58	19.61	19.61	17.50
100		1	137	19.67	19.63	19.68	17.50
100		1	272	19.62	19.61	19.60	17.50
100	QPSK	135	0	19.59	19.71	19.58	17.50
100		135	68	19.68	19.68	19.60	17.50
100		135	135	19.59	19.66	19.59	17.50
100		270	0	19.66	19.68	19.63	17.50
100	16QAM	1	1	19.67	19.67	19.69	17.50
100	64QAM	1	1	19.59	19.66	19.66	17.50
100	256QAM	1	1	19.67	19.68	19.67	17.50
Channel				609202	619666	629830	Tune-up Limit [dBm]
Frequency [MHz]				2540	2602.66	2665.32	
90	PI/2 BPSK	1	1	19.61	19.68	19.62	17.50
Channel				607516	619666	631856	Tune-up Limit [dBm]
Frequency [MHz]				2530.32	2602.66	2675.06	
90	PI/2 BPSK	1	1	19.61	19.62	19.58	17.50
Channel				606202	619666	641500	Tune-up Limit [dBm]
Frequency [MHz]				2520.31	2602.66	2685	
70	PI/2 BPSK	1	1	19.65	19.65	19.66	17.50
Channel				604702	619666	637666	Tune-up Limit [dBm]
Frequency [MHz]				2515	2602.66	2690.66	
60	PI/2 BPSK	1	1	19.65	19.68	19.68	17.50
Channel				604054	619666	635998	Tune-up Limit [dBm]
Frequency [MHz]				2511.62	2602.66	2693.66	
50	PI/2 BPSK	1	1	19.60	19.60	19.67	17.50
Channel				603406	619666	636330	Tune-up Limit [dBm]
Frequency [MHz]				2509.3	2602.66	2697.34	
40	PI/2 BPSK	1	1	19.68	19.68	19.67	17.50
Channel				603082	619666	636666	Tune-up Limit [dBm]
Frequency [MHz]				2508.01	2602.66	2698	
30	PI/2 BPSK	1	1	19.61	19.66	19.62	17.50
Channel				602704	619666	636598	Tune-up Limit [dBm]
Frequency [MHz]				2507.02	2602.66	2697.98	
25	PI/2 BPSK	1	1	19.62	19.72	19.63	17.50
Channel				602536	619666	636796	Tune-up Limit [dBm]
Frequency [MHz]				2507	2602.66	2698.66	
20	PI/2 BPSK	1	1	19.67	19.68	19.69	17.50
Channel				601752	619666	636930	Tune-up Limit [dBm]
Frequency [MHz]				2504.32	2602.66	2701.3	
15	PI/2 BPSK	1	1	19.65	19.64	19.69	17.50
Channel				601402	619666	637066	Tune-up Limit [dBm]
Frequency [MHz]				2503.32	2602.66	2701.98	
10	PI/2 BPSK	1	1	19.66	19.61	19.67	17.50
Channel				600750	619666	638082	Tune-up Limit [dBm]
Frequency [MHz]				2501.3	2602.66	2703.98	
5	PI/2 BPSK	1	1	19.68	19.68	19.68	17.50
Channel				600202	619666	638750	Tune-up Limit [dBm]
Frequency [MHz]				2507.51	2602.66	2697.81	
10	PI/2 BPSK	1	1	19.68	19.64	19.59	17.50



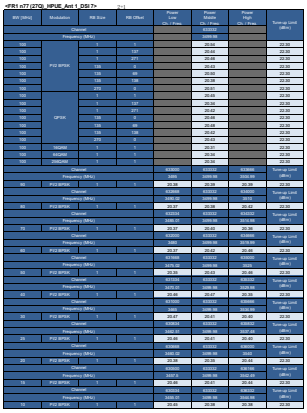
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				609202	619666	629830	
Frequency [MHz]				2540.01	2602.66	2665	
100		1	1	19.75	19.86	19.93	20.00
100		1	137	19.79	19.82	19.81	20.00
100		1	271	19.79	19.77	19.93	20.00
100	PI/2 BPSK	135	0	19.83	19.82	19.82	20.00
100		135	68	19.77	19.88	19.83	20.00
100		135	135	19.88	19.85	19.87	20.00
100		270	0	19.83	19.88	19.82	20.00
100		1	1	19.82	19.82	19.79	20.00
100		1	137	19.92	19.84	19.93	20.00
100		1	272	19.88	19.83	19.91	20.00
100	QPSK	135	0	19.79	19.96	19.83	20.00
100		135	68	19.86	19.82	19.89	20.00
100		135	135	19.76	19.83	19.84	20.00
100		270	0	19.83	19.82	19.86	20.00
100	16QAM	1	1	19.88	19.89	19.79	20.00
100	64QAM	1	1	19.79	19.91	19.89	20.00
100	256QAM	1	1	19.82	19.83	19.87	20.00
Channel				609202	619666	629830	Tune-up Limit [dBm]
Frequency [MHz]				2547	2602.66	2658.34	
90	PI/2 BPSK	1	1	19.81	19.89	19.81	20.00
Channel				607516	619666	631856	Tune-up Limit [dBm]
Frequency [MHz]				2536.32	2602.66	2668.94	
90	PI/2 BPSK	1	1	19.72	19.84	19.67	20.00
Channel				606202	619666	633000	Tune-up Limit [dBm]
Frequency [MHz]				2527.01	2602.66	2678	
70	PI/2 BPSK	1	1	19.78	19.87	19.88	20.00
Channel				604702	619666	634666	Tune-up Limit [dBm]
Frequency [MHz]				2521	2602.66	2684.66	
60	PI/2 BPSK	1	1	19.78	19.84	19.82	20.00
Channel				604054	619666	634998	Tune-up Limit [dBm]
Frequency [MHz]				2521.62	2602.66	2683.66	
50	PI/2 BPSK	1	1	19.80	19.82	19.81	20.00
Channel				603406	619666	634330	Tune-up Limit [dBm]
Frequency [MHz]				2519.3	2602.66	2687.34	
40	PI/2 BPSK	1	1	19.72	19.87	19.82	20.00
Channel				603082	619666	634666	Tune-up Limit [dBm]
Frequency [MHz]				2518.01	2602.66	2688	
30	PI/2 BPSK	1	1	19.74	19.88	19.82	20.00
Channel				602704	619666	634598	Tune-up Limit [dBm]
Frequency [MHz]				2517.02	2602.66	2687.98	
25	PI/2 BPSK	1	1	19.80	19.82	19.83	20.00
Channel				602536	619666	634796	Tune-up Limit [dBm]
Frequency [MHz]				2517	2602.66	2688.66	
20	PI/2 BPSK	1	1	19.79	19.83	19.89	20.00
Channel				601752	619666	634930	Tune-up Limit [dBm]
Frequency [MHz]				2514.32	2602.66	2691.3	
15	PI/2 BPSK	1	1	19.80	19.83	19.82	20.00
Channel				601402	619666	635066	Tune-up Limit [dBm]
Frequency [MHz]				2513.32	2602.66	2691.98	
10	PI/2 BPSK	1	1	19.79	19.83	19.84	20.00
Channel				600750	619666	635266	Tune-up Limit [dBm]
Frequency [MHz]				2511.3	2602.66	2693.98	
5	PI/2 BPSK	1	1	19.81	19.82	19.83	20.00
Channel				600202	619666	635750	Tune-up Limit [dBm]
Frequency [MHz]				2517.51	2602.66	2688	
10	PI/2 BPSK	1	1	19.75	19.87	19.93	20.00

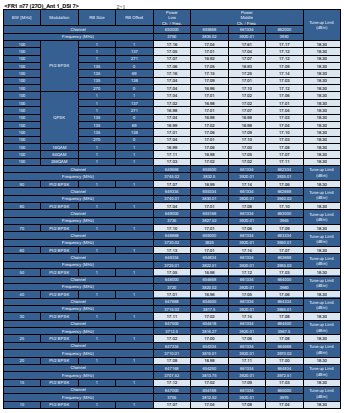


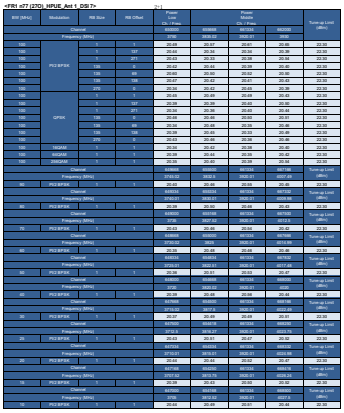
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Channel				609202	627666	633332	
Frequency [MHz]				3540	3624.66	3679.98	
40		1	1	19.52	19.11	19.92	20.00
40		1	63	19.79	19.91	19.77	20.00
40		1	104	19.86	19.88	19.83	20.00
40	PI/2 BPSK	80	0	19.88	19.91	19.82	20.00
40		80	28	19.83	19.88	19.82	20.00
40		80	53	19.83	19.78	19.83	20.00
40		160	0	19.83	19.82	19.78	20.00
40		1	1	19.86	19.78	19.83	20.00
40		1	63	19.89	19.91	19.76	20.00
40		1	104	19.82	19.77	19.73	20.00
40	QPSK	80	0	19.82	19.76	19.77	20.00
40		80	28	19.86	19.86	19.77	20.00
40		80	53	19.76	19.87	19.74	20.00
40		160	0	19.86	19.77	19.82	20.00
40	16QAM	1	1	19.82	19.88	19.83	20.00
40	64QAM	1	1	19.87	19.78	19.73	20.00
40	256QAM	1	1	19.82	19.77	19.75	20.00
Channel				607666	627666	633666	Tune-up Limit [dBm]
Frequency [MHz]				3552.32	3624.66	3696.98	
30	PI/2 BPSK	1	1	19.75	19.93	19.89	20.00
Channel				607516	627666	634000	Tune-up Limit [dBm]
Frequency [MHz]				3545.01	3624.66	3705	
25	PI/2 BPSK	1	1	19.74	19.89	19.85	20.00
Channel				607168	627666	634168	Tune-up Limit [dBm]
Frequency [MHz]				3537.02	3624.66	3712.29	
15	PI/2 BPSK	1	1	19.82	19.93	19.77	20.00
Channel				607516	627666	634152	Tune-up Limit [dBm]
Frequency [MHz]				3545	3624.66	3704.98	
10	PI/2 BPSK	1	1	19.84	19.87	19.92	20.00

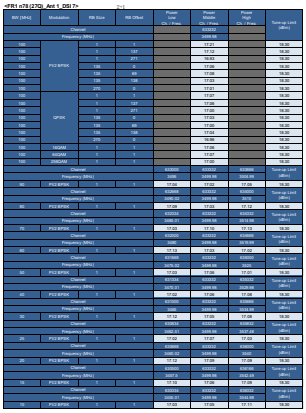


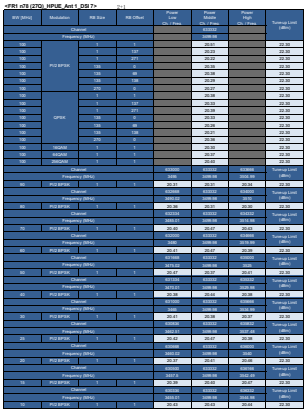
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				609202	633332		
Frequency [MHz]				3540	3599.98		
100		1	1	17.19			18.00
100		1	137	17.19			18.00
100		1	271	19.84			19.00
100	PI/2 BPSK	135	0	17.29			18.00
100		135	68	17.09			18.00
100		135	135	18.93			19.00
100		270	0	17.07			18.00
100		1	1	17.09			18.00
100		1	137	16.97			18.00
100		1	271	18.96			19.00
100	QPSK	135	0	16.94			18.00
100		135	68	17.01			18.00
100		135	135	17.02			18.00
100		270	0	18.92			19.00
100	16QAM	1	1	17.03			18.00
100	64QAM	1	1	16.99			18.00
100	256QAM	1	1	17.00			18.00
Channel				609202	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3550	3599.98	3650.98	
90	PI/2 BPSK	1	1	17.05	17.00	17.03	18.00
Channel				609666	633332	633332	Tune-up Limit [dBm]
Frequency [MHz]				3560.01	3599.98	3639.98	
70	PI/2 BPSK	1	1	17.08	17.05	17.11	18.00
Channel				609332	633332	633332	Tune-up Limit [dBm]
Frequency [MHz]				3560	3599.98	3639.98	
60	PI/2 BPSK	1	1	17.07	17.07	17.08	18.00
Channel				609666	633332	633000	Tune-up Limit [dBm]
Frequency [MHz]				3570.01	3599.98	3630	
50	PI/2 BPSK	1	1	17.08	17.05	16.99	18.00
Channel				609332	633332	633000	Tune-up Limit [dBm]
Frequency [MHz]				3570.01	3599.98	3630	
40	PI/2 BPSK	1	1	17.08	17.06	17.08	18.00
Channel				609666	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3580	3599.98	3619.98	
30	PI/2 BPSK	1	1	17.07	16.99	17.05	18.00
Channel				609633	633332	633032	Tune-up Limit [dBm]
Frequency [MHz]				3580.31	3599.98	3619.64	
25	PI/2 BPSK	1	1	16.99	17.06	17.01	18.00
Channel				609666	633332	633000	Tune-up Limit [dBm]
Frequency [MHz]				3590.01	3599.98	3610	
20	PI/2 BPSK	1	1	17.09	17.09	17.09	18.00
Channel				609666	633332	634198	Tune-up Limit [dBm]
Frequency [MHz]				3597.5	3599.98	3602.48	
15	PI/2 BPSK	1	1	17.06	17.09	17.11	18.00
Channel				609332	633332	634132	Tune-up Limit [dBm]
Frequency [MHz]				3590.01	3599.98	3609.98	
10	PI/2 BPSK	1	1	17.05	17.06	17.08	18.00

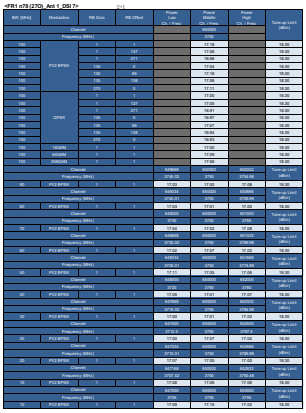


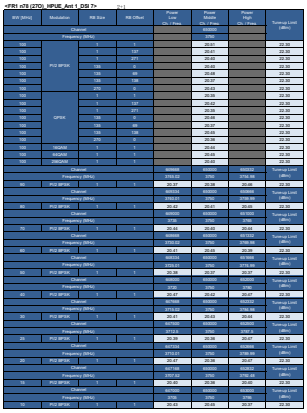












<FR1 n2_Ant 3_DSI 12> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	15.57	15.68	15.36	16.70
40		1	108	15.47	15.51	15.22	16.70
40		1	214	15.35	15.51	15.22	16.70
40	PI/2 BPSK	108	0	15.24	15.59	15.22	16.70
40		108	54	15.57	15.67	15.34	16.70
40		108	108	15.38	15.56	15.19	16.70
40		216	0	15.41	15.46	15.31	16.70
40		1	1	15.26	15.46	15.22	16.70
40		1	108	15.34	15.45	15.17	16.70
40		1	214	15.50	15.55	15.31	16.70
40	QPSK	108	0	15.32	15.42	15.12	16.70
40		108	54	15.28	15.53	15.32	16.70
40		108	108	15.26	15.38	15.18	16.70
40		216	0	15.30	15.43	15.22	16.70
40	16QAM	1	1	15.18	15.30	15.05	16.70
40	64QAM	1	1	15.33	15.51	15.18	16.70
40	256QAM	1	1	15.28	15.45	15.22	16.70
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	15.44	15.51	15.17	16.70
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	15.48	15.52	15.19	16.70
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	15.48	15.59	15.22	16.70
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	15.51	15.58	15.24	16.70
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	15.46	15.56	15.18	16.70
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	15.52	15.51	15.24	16.70
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	15.52	15.56	15.28	16.70

<FR1 n25_Ant 3_DSI 12> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	15.66	15.75	15.46	16.70
40		1	108	15.59	15.65	15.32	16.70
40		1	214	15.46	15.63	15.32	16.70
40	PI/2 BPSK	108	0	15.36	15.64	15.34	16.70
40		108	54	15.64	15.74	15.40	16.70
40		108	108	15.50	15.64	15.28	16.70
40		216	0	15.47	15.56	15.37	16.70
40		1	1	15.32	15.60	15.28	16.70
40		1	108	15.46	15.61	15.28	16.70
40		1	214	15.56	15.63	15.36	16.70
40	QPSK	108	0	15.45	15.53	15.28	16.70
40		108	54	15.43	15.64	15.37	16.70
40		108	108	15.39	15.50	15.30	16.70
40		216	0	15.38	15.54	15.31	16.70
40	16QAM	1	1	15.29	15.44	15.17	16.70
40	64QAM	1	1	15.45	15.56	15.28	16.70
40	256QAM	1	1	15.37	15.53	15.32	16.70
Channel				372500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	15.62	15.71	15.31	16.70
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	15.53	15.72	15.32	16.70
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	15.57	15.74	15.33	16.70
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	15.60	15.63	15.34	16.70
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	15.58	15.71	15.30	16.70
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	15.58	15.72	15.40	16.70
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	15.58	15.71	15.33	16.70

<FR1 n30_Ant 3_DSI 12> 3+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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.32		20.70
10		1	26		19.21		20.70
10		1	55		19.32		20.70
10		25	0		19.23		20.70
10		25	14		19.28		20.70
10		25	27		19.22		20.70
10		50	0		19.20		20.70
10	QPSK	1	1		19.29		20.70
10		1	26		19.21		20.70
10		1	50		19.26		20.70
10		25	0		19.27		20.70
10		25	14		19.27		20.70
10		25	27		19.29		20.70
10		50	0		19.27		20.70
10	16QAM	1	1		19.20		20.70
10	64QAM	1	1		19.31		20.70
10	256QAM	1	1		19.22		20.70
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.28	19.28	19.24	20.70

<FR1 n30_Ant 3_DSI 12> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.32		17.60
10		1	26		17.24		17.60
10		1	50		17.32		17.60
10		25	0		17.22		17.60
10		25	14		17.24		17.60
10		25	27		17.23		17.60
10		50	0		17.23		17.60
10	QPSK	1	1		17.28		17.60
10		1	26		17.19		17.60
10		1	50		17.26		17.60
10		25	0		17.32		17.60
10		25	14		17.33		17.60
10		25	27		17.24		17.60
10		50	0		17.32		17.60
10	16QAM	1	1		17.26		17.60
10	64QAM	1	1		17.33		17.60
10	256QAM	1	1		17.24		17.60
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.21	17.21	17.24	17.60

<FR1 n66_Ant 3_DSI 12> 3+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	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.16	17.38	17.35	18.10
45		1	120	17.07	17.28	17.19	18.10
45		1	240	17.02	17.16	17.09	18.10
45		120	0	17.04	17.16	17.06	18.10
45		120	60	17.11	17.36	17.16	18.10
45		120	120	16.89	17.05	17.03	18.10
45		240	0	17.02	17.35	17.13	18.10
45	QPSK	1	1	16.99	17.15	17.05	18.10
45		1	120	16.94	17.13	16.97	18.10
45		1	240	16.91	17.21	17.10	18.10
45		120	0	16.85	17.12	16.95	18.10
45		120	60	16.85	16.95	16.78	18.10
45		120	120	16.93	17.16	17.02	18.10
45		240	0	16.95	17.16	16.99	18.10
45	16QAM	1	1	16.69	17.06	16.90	18.10
45	64QAM	1	1	16.95	17.11	16.91	18.10
45	256QAM	1	1	16.90	17.09	16.88	18.10
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.03	17.28	17.22	18.10
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.99	17.38	17.11	18.10
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.07	17.36	17.11	18.10
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.07	17.30	17.19	18.10
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.08	17.35	17.14	18.10
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.98	17.36	17.14	18.10
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.06	17.29	17.19	18.10
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.03	17.30	17.18	18.10

<FR1 n2_Ant 2_DSI 12> 3+2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	17.78	18.15	17.87	18.70
40		1	108	17.76	18.12	17.94	18.70
40		1	214	17.80	18.10	17.95	18.70
40	PI/2 BPSK	108	0	17.78	18.10	17.92	18.70
40		108	54	17.83	18.09	17.94	18.70
40		108	108	17.83	18.03	17.86	18.70
40		216	0	17.79	18.07	17.90	18.70
40		1	1	17.82	18.08	17.85	18.70
40		1	108	17.83	18.13	17.94	18.70
40		1	214	17.81	18.02	17.92	18.70
40	QPSK	108	0	17.77	18.09	17.93	18.70
40		108	54	17.77	18.13	17.88	18.70
40		108	108	17.75	18.03	17.92	18.70
40		216	0	17.75	18.05	17.88	18.70
40	16QAM	1	1	17.80	18.03	17.86	18.70
40	64QAM	1	1	17.74	18.11	17.94	18.70
40	256QAM	1	1	17.80	18.03	17.90	18.70
Channel				375500	376000	376500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.84	18.06	17.96	18.70
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	17.83	18.06	17.94	18.70
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.76	18.03	17.86	18.70
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.74	18.02	17.93	18.70
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.80	18.08	17.90	18.70
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.73	18.03	17.95	18.70
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.76	18.06	17.91	18.70

<FR1 n7_Ant 2_DSI 12> 0+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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	17.83	17.96	17.90	18.40
50		1	135	17.64	17.85	17.74	18.40
50		1	268	17.56	17.77	17.65	18.40
50	PI/2 BPSK	135	0	17.56	17.80	17.66	18.40
50		135	68	17.66	17.86	17.75	18.40
50		135	135	17.60	17.88	17.64	18.40
50		270	0	17.61	17.96	17.80	18.40
50		1	1	17.48	17.72	17.53	18.40
50		1	135	17.65	17.82	17.70	18.40
50		1	268	17.59	17.77	17.53	18.40
50	QPSK	135	0	17.65	17.92	17.70	18.40
50		135	68	17.55	17.76	17.71	18.40
50		135	135	17.60	17.81	17.57	18.40
50		270	0	17.50	17.80	17.64	18.40
50	16QAM	1	1	17.66	17.79	17.61	18.40
50	64QAM	1	1	17.54	17.76	17.70	18.40
50	256QAM	1	1	17.52	17.77	17.54	18.40
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.68	17.83	17.76	18.40
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	17.66	17.86	17.74	18.40
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	17.67	17.85	17.69	18.40
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.58	17.90	17.78	18.40
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.69	17.88	17.75	18.40
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.60	17.82	17.78	18.40
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.59	17.82	17.74	18.40
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.58	17.87	17.79	18.40

<FR1 n25_Ant 2_DSI 12> 3+2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	17.86	18.25	18.04	18.70
40		1	108	17.83	18.13	18.04	18.70
40		1	214	17.90	18.23	17.98	18.70
40	PI/2 BPSK	108	0	17.83	18.16	17.97	18.70
40		108	54	17.85	18.19	18.03	18.70
40		108	108	17.93	18.12	18.03	18.70
40		216	0	17.94	18.20	18.04	18.70
40		1	1	17.83	18.14	18.06	18.70
40		1	108	17.83	18.13	18.02	18.70
40		1	214	17.86	18.13	18.04	18.70
40	QPSK	108	0	17.88	18.18	17.96	18.70
40		108	54	17.89	18.18	18.00	18.70
40		108	108	17.89	18.12	17.95	18.70
40		216	0	17.85	18.13	18.05	18.70
40	16QAM	1	1	17.92	18.12	18.04	18.70
40	64QAM	1	1	17.93	18.16	17.96	18.70
40	256QAM	1	1	17.91	18.15	18.02	18.70
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.90	18.15	17.99	18.70
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.93	18.15	18.02	18.70
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.86	18.18	17.98	18.70
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.84	18.13	17.96	18.70
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.93	18.15	18.05	18.70
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.92	18.23	17.96	18.70
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.92	18.12	18.06	18.70

<FR1 n30_Ant 2_DSI 12> 0+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					462000		
Frequency (MHz)					2310		
10		1	1		18.88		19.30
10		1	26		18.74		19.30
10		1	50		18.62		19.30
10	PI/2 BPSK	25	0		18.63		19.30
10		25	14		18.82		19.30
10		25	27		18.79		19.30
10		50	0		18.81		19.30
10		1	1		18.48		19.30
10		1	26		18.48		19.30
10		1	50		18.84		19.30
10	QPSK	25	0		18.61		19.30
10		25	14		18.66		19.30
10		25	27		18.74		19.30
10		50	0		18.63		19.30
10	16QAM	1	1		18.43		19.30
10	64QAM	1	1		18.40		19.30
10	256QAM	1	1		18.50		19.30
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	18.44	18.47	18.39	19.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.
Channel				346500	349000
Frequency (MHz)				1732.5	1745
45		1	1	17.49	17.64
45		1	120	17.08	17.16
45		1	240	17.26	17.34
45	PI/2 BPSK	120	0	17.24	17.33
45		120	60	17.27	17.37
45		120	120	17.14	17.12
45		240	0	17.11	17.29
45		1	1	17.16	17.18
45		1	120	17.19	17.19
45		1	240	17.19	17.22
45	QPSK	120	0	17.20	17.24
45		120	60	17.19	17.14
45		120	120	17.15	17.19
45		240	0	17.19	17.33
45	16QAM	1	1	17.20	17.36
45	64QAM	1	1	17.15	17.26
45	256QAM	1	1	16.99	17.20
Channel				345000	349000
Frequency (MHz)				1730	1745
40	PI/2 BPSK	1	1	17.15	17.16
Channel				345500	349000
Frequency (MHz)				1727.5	1745
35	PI/2 BPSK	1	1	17.14	17.11
Channel				345000	349000
Frequency (MHz)				1725	1745
30	PI/2 BPSK	1	1	17.14	17.12
Channel				344500	349000
Frequency (MHz)				1722.5	1745
25	PI/2 BPSK	1	1	17.12	17.08
Channel				344000	349000
Frequency (MHz)				1720	1745
20	PI/2 BPSK	1	1	17.17	17.13
Channel				343500	349000
Frequency (MHz)				1717.5	1745
15	PI/2 BPSK	1	1	17.07	17.09
Channel				343000	349000
Frequency (MHz)				1715	1745
10	PI/2 BPSK	1	1	17.13	17.10
Channel				342500	349000
Frequency (MHz)				1712.5	1745
5	PI/2 BPSK	1	1	17.13	17.13

Power High Ch. / Freq.	Tune-up Limit (dBm)
351500	
1757.5	
17.41	18.10
17.10	18.10
17.21	18.10
17.23	18.10
17.19	18.10
17.10	18.10
17.15	18.10
17.11	18.10
17.13	18.10
17.11	18.10
17.27	18.10
17.17	18.10
17.26	18.10
17.27	18.10
17.28	18.10
17.13	18.10
17.14	21.00
352000	Tune-up Limit (dBm)
1760	
17.09	18.10
352500	Tune-up Limit (dBm)
1762.5	
17.07	18.10
353000	Tune-up Limit (dBm)
1765	
17.08	18.10
353500	Tune-up Limit (dBm)
1767.5	
17.11	18.10
354000	Tune-up Limit (dBm)
1770	
17.10	18.10
354500	Tune-up Limit (dBm)
1772.5	
17.17	18.10
355000	Tune-up Limit (dBm)
1775	
17.16	18.10
355500	Tune-up Limit (dBm)
1777.5	
17.09	18.10

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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				506002	518998	529600	
Frequency [MHz]				2549.01	2592.99	2630	
100		1	1	17.62	17.63	17.67	18.00
100		1	137	17.56	17.71	17.56	18.00
100		1	273	17.39	17.61	17.42	18.00
100		136	0	17.62	17.73	17.56	18.00
100		136	69	17.43	17.78	17.53	18.00
100		136	138	17.56	17.71	17.56	18.00
100		275	0	17.16	17.67	17.21	18.00
100		1	1	17.67	17.76	17.63	18.00
100		1	137	17.61	17.76	17.66	18.00
100		1	273	17.54	17.71	17.62	18.00
100	CP-OFDM	135	0	17.43	17.76	17.48	18.00
100		135	69	17.41	17.82	17.38	18.00
100		135	138	17.50	17.81	17.39	18.00
100		275	0	17.29	17.66	17.35	18.00
100	16QAM	1	1	17.23	17.66	17.32	18.00
100	64QAM	1	1	17.66	17.63	17.60	18.00
100	256QAM	1	1	17.48	17.82	17.53	18.00
Channel				506002	518998	529600	Tune-up Limit [dBm]
Frequency [MHz]				2549	2592.99	2630.99	
80	PI/2 BPSK	1	1	17.39	17.48	17.39	18.00
Channel				507000	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2559.02	2592.99	2626.98	
80	PI/2 BPSK	1	1	17.37	17.42	17.33	18.00
Channel				506202	518998	527800	Tune-up Limit [dBm]
Frequency [MHz]				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.52	17.67	17.56	18.00
Channel				506202	518998	527800	Tune-up Limit [dBm]
Frequency [MHz]				2549	2592.99	2636.98	
60	PI/2 BPSK	1	1	17.37	17.71	17.39	18.00
Channel				504004	518998	533998	Tune-up Limit [dBm]
Frequency [MHz]				2512.02	2592.99	2673.99	
60	PI/2 BPSK	1	1	17.39	17.68	17.37	18.00
Channel				504004	518998	533998	Tune-up Limit [dBm]
Frequency [MHz]				2512.02	2592.99	2673.99	
40	PI/2 BPSK	1	1	17.40	17.72	17.34	18.00
Channel				503002	518998	534994	Tune-up Limit [dBm]
Frequency [MHz]				2509.51	2592.99	2676.98	
40	PI/2 BPSK	1	1	17.44	17.71	17.50	18.00
Channel				502704	518998	534998	Tune-up Limit [dBm]
Frequency [MHz]				2510.32	2592.99	2675.98	
35	PI/2 BPSK	1	1	17.39	17.62	17.26	18.00
Channel				503002	518998	534994	Tune-up Limit [dBm]
Frequency [MHz]				2511.7	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.47	17.72	17.29	18.00
Channel				501702	518998	535998	Tune-up Limit [dBm]
Frequency [MHz]				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.34	17.66	17.34	18.00
Channel				501004	518998	536998	Tune-up Limit [dBm]
Frequency [MHz]				2508.02	2592.99	2677.98	
20	PI/2 BPSK	1	1	17.44	17.64	17.28	18.00
Channel				500706	518998	536998	Tune-up Limit [dBm]
Frequency [MHz]				2505.5	2592.99	2680.48	
15	PI/2 BPSK	1	1	17.38	17.62	17.32	18.00
Channel				500502	518998	537002	Tune-up Limit [dBm]
Frequency [MHz]				2507.27	2592.99	2680	
10	PI/2 BPSK	1	1	17.54	17.62	17.35	18.00

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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				506202	518998	529800	
Frequency [MHz]				2549.01	2592.99	2636	
100		1	1	20.99	21.00	20.93	22.00
100		1	137	20.91	20.93	20.84	22.00
100		1	273	20.83	20.99	20.82	22.00
100		136	0	20.75	20.82	20.74	22.00
100		136	69	20.82	21.02	20.80	22.00
100		136	138	20.85	20.72	20.85	22.00
100		275	0	20.58	20.79	20.66	22.00
100		1	1	20.72	20.89	20.82	22.00
100		1	137	20.79	20.99	20.89	22.00
100		1	273	20.83	21.01	20.90	22.00
100	CP-OFDM	135	0	20.68	20.75	20.77	22.00
100		135	69	20.62	20.87	20.71	22.00
100		135	138	20.67	20.75	20.73	22.00
100		275	0	20.56	20.88	20.67	22.00
100	16QAM	1	1	20.68	21.00	20.91	22.00
100	64QAM	1	1	20.73	20.90	20.96	22.00
100	256QAM	1	1	20.78	20.98	20.83	22.00
Channel				506202	518998	529800	Tune-up Limit [dBm]
Frequency [MHz]				2549	2592.99	2636.98	
80	PI/2 BPSK	1	1	20.89	20.92	20.83	22.00
Channel				507000	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2559.02	2592.99	2626.98	
80	PI/2 BPSK	1	1	20.78	20.82	20.84	22.00
Channel				506202	518998	527800	Tune-up Limit [dBm]
Frequency [MHz]				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.81	21.00	20.88	22.00
Channel				506202	518998	527800	Tune-up Limit [dBm]
Frequency [MHz]				2549	2592.99	2636.98	
60	PI/2 BPSK	1	1	20.98	20.96	20.92	22.00
Channel				504004	518998	533998	Tune-up Limit [dBm]
Frequency [MHz]				2512.02	2592.99	2673.99	
60	PI/2 BPSK	1	1	20.93	20.93	20.85	22.00
Channel				504004	518998	533998	Tune-up Limit [dBm]
Frequency [MHz]				2512.02	2592.99	2673.99	
40	PI/2 BPSK	1	1	20.83	20.98	20.87	22.00
Channel				503002	518998	534994	Tune-up Limit [dBm]
Frequency [MHz]				2509.51	2592.99	2676.98	
40	PI/2 BPSK	1	1	20.86	21.04	20.88	22.00
Channel				502704	518998	534998	Tune-up Limit [dBm]
Frequency [MHz]				2510.32	2592.99	2675.98	
35	PI/2 BPSK	1	1	20.78	20.94	20.88	22.00
Channel				503002	518998	534994	Tune-up Limit [dBm]
Frequency [MHz]				2511.7	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.77	21.04	20.93	22.00
Channel				501702	518998	535998	Tune-up Limit [dBm]
Frequency [MHz]				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.87	21.03	20.89	22.00
Channel				501004	518998	536998	Tune-up Limit [dBm]
Frequency [MHz]				2508.02	2592.99	2677.98	
20	PI/2 BPSK	1	1	20.84	20.99	20.89	22.00
Channel				500706	518998	536998	Tune-up Limit [dBm]
Frequency [MHz]				2505.5	2592.99	2680.48	
15	PI/2 BPSK	1	1	20.79	20.98	20.90	22.00
Channel				500502	518998	537002	Tune-up Limit [dBm]
Frequency [MHz]				2507.27	2592.99	2680	
10	PI/2 BPSK	1	1	20.86	20.96	20.89	22.00

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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				636002	641666	646332	
Frequency [MHz]				3570	3624.99	3679.98	
40		1	1	17.60	17.36	17.29	19.10
40		1	54	17.15	17.19	17.19	19.10
40		1	109	17.19	17.22	17.19	19.10
40	PI/2 BPSK	50	0	17.19	17.31	17.15	19.10
40		50	29	17.24	17.28	17.24	19.10
40		50	54	17.24	17.26	17.23	19.10
40		100	0	17.12	17.16	17.15	19.10
40		1	1	17.19	17.16	17.13	19.10
40		1	69	17.14	17.11	17.12	19.10
40		1	104	17.17	17.20	17.19	19.10
40	CP-OFDM	50	0	17.21	17.23	17.21	19.10
40		50	29	17.26	17.26	17.22	19.10
40		50	69	17.23	17.21	17.23	19.10
40		100	0	17.12	17.12	17.11	19.10
40	16QAM	1	1	17.23	17.23	17.26	19.10
40	64QAM	1	1	17.21	17.23	17.19	19.10
40	256QAM	1	1	17.21	17.22	17.18	19.10
Channel				637666	641666	645666	Tune-up Limit [dBm]
Frequency [MHz]				3590.01	3624.99	3660.02	
30	PI/2 BPSK	1	1	17.29	17.30	17.23	19.10
Channel				637334	641666	645332	Tune-up Limit [dBm]
Frequency [MHz]				3586.01	3624.99	3660	
20	PI/2 BPSK	1	1	17.26	17.33	17.25	19.10
Channel				637168	641666	646168	Tune-up Limit [dBm]
Frequency [MHz]				3587.51	3624.99	3662.49	
15	PI/2 BPSK	1	1	17.27	17.29	17.23	19.10
Channel				637002	641666	646332	Tune-up Limit [dBm]
Frequency [MHz]				3585	3624.99	3664.98	
10	PI/2 BPSK	1	1	17.27	17.26	17.23	19.10

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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					653332		
Frequency [MHz]					3699.98		
100		1	1		17.02		18.10
100		1	137		16.90		18.10
100	PI/2 BPSK	1	273		16.84		18.10
100		136	0		16.98		18.10
100		136	69		17.01		18.10
100		136	136		16.93		18.10
100		275	0		16.87		18.10
100		1	1		16.99		18.10
100		1	137		16.97		18.10
100		1	273		16.96		18.10
100	CP-OFDM	136	0		16.87		18.10
100		136	69		16.97		18.10
100		136	136		16.93		18.10
100		275	0		16.91		18.10
100	16QAM	1	1		16.94		18.10
100	64QAM	1	1		16.99		18.10
100	256QAM	1	1		16.90		18.10
Channel				633000	653332	673666	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.98	3709.98	
60	PI/2 BPSK	1	1	16.89	16.96	16.89	18.10
Channel				633000	653332	673666	Tune-up Limit [dBm]
Frequency [MHz]				3690.06	3699.98	3709.9	
60	PI/2 BPSK	1	1	16.89	16.87	16.88	18.10
Channel				633334	653332	673332	Tune-up Limit [dBm]
Frequency [MHz]				3690.31	3699.98	3709.66	
50	PI/2 BPSK	1	1	16.89	16.92	16.81	18.10
Channel				633334	653332	673332	Tune-up Limit [dBm]
Frequency [MHz]				3690	3699.98	3709.98	
40	PI/2 BPSK	1	1	16.84	16.93	16.88	18.10
Channel				633666	653332	673000	Tune-up Limit [dBm]
Frequency [MHz]				3690.12	3699.98	3709.84	
30	PI/2 BPSK	1	1	16.92	16.94	16.89	18.10
Channel				633666	653332	673000	Tune-up Limit [dBm]
Frequency [MHz]				3690.12	3699.98	3709.84	
25	PI/2 BPSK	1	1	16.89	16.89	16.89	18.10
Channel				633666	653332	673000	Tune-up Limit [dBm]
Frequency [MHz]				3690.12	3699.98	3709.84	
20	PI/2 BPSK	1	1	16.89	16.89	16.83	18.10
Channel				633666	653332	673000	Tune-up Limit [dBm]
Frequency [MHz]				3687.6	3699.98	3712.38	
15	PI/2 BPSK	1	1	16.89	16.87	16.85	18.10
Channel				633334	653332	673332	Tune-up Limit [dBm]
Frequency [MHz]				3690.31	3699.98	3709.66	
10	PI/2 BPSK	1	1	16.85	16.82	16.87	18.10

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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				632332	633666	634998	
Frequency [MHz]				3699.96	3699.97	3700	
100		1	1		20.51		21.50
100		1	137		19.53		21.50
100		1	272		19.91		21.50
100	PI/2 BPSK	136	0		19.94		21.50
100		136	69		19.89		21.50
100		136	138		19.88		21.50
100		275	0		19.92		21.50
100		1	1		19.89		21.50
100		1	137		19.92		21.50
100		1	272		19.92		21.50
100	QPSK	136	0		19.92		21.50
100		136	69		19.89		21.50
100		136	138		19.87		21.50
100		275	0		19.90		21.50
100	16QAM	1	1		19.83		21.50
100	64QAM	1	1		19.84		21.50
100	256QAM	1	1		19.86		21.50
Channel				632332	633666	634998	Tune-up Limit [dBm]
Frequency [MHz]				3699	3699.99	3700.98	
80	PI/2 BPSK	1	1	19.89	19.86	19.85	21.50
Channel				632332	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3699.32	3699.99	3700	
60	PI/2 BPSK	1	1	19.79	19.79	19.79	21.50
Channel				632332	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3699.32	3699.99	3700.66	
70	PI/2 BPSK	1	1	19.89	19.73	19.75	21.50
Channel				632332	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3699	3699.99	3700.98	
40	PI/2 BPSK	1	1	19.79	19.79	19.79	21.50
Channel				631668	633332	634998	Tune-up Limit [dBm]
Frequency [MHz]				3698.34	3699.99	3701.64	
50	PI/2 BPSK	1	1	19.87	19.83	19.79	21.50
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3698.01	3699.99	3701.97	
40	PI/2 BPSK	1	1	19.79	19.83	19.82	21.50
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3698.01	3699.99	3701.97	
30	PI/2 BPSK	1	1	19.82	19.78	19.72	21.50
Channel				630834	633332	635830	Tune-up Limit [dBm]
Frequency [MHz]				3692.61	3699.99	3707.38	
20	PI/2 BPSK	1	1	19.80	19.73	19.70	21.50
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3695.67	3699.99	3704.31	
20	PI/2 BPSK	1	1	19.74	19.79	19.77	21.50
Channel				632332	633332	634998	Tune-up Limit [dBm]
Frequency [MHz]				3699.32	3699.99	3700.66	
15	PI/2 BPSK	1	1	19.89	19.75	19.79	21.50
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3698.01	3699.99	3701.97	
10	PI/2 BPSK	1	1	19.83	19.74	19.77	21.50

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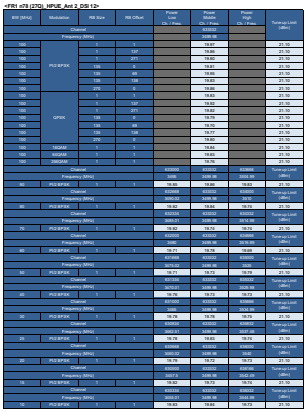
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				632332	633666	634998	
Frequency [MHz]				3700	3699.97	3699.97	3700
100		1	1	17.16	17.12	17.07	17.19	18.10
100		1	137	16.95	17.03	17.02	17.05	18.10
100		1	272	17.03	17.02	17.06	17.12	18.10
100	PI/2 BPSK	136	0	17.01	17.04	17.01	17.15	18.10
100		136	69	17.16	17.13	17.16	17.18	18.10
100		136	138	17.01	17.02	16.99	17.13	18.10
100		275	0	17.06	17.02	16.97	17.01	18.10
100		1	1	16.98	16.96	16.99	16.99	18.10
100		1	137	16.97	16.92	17.00	17.01	18.10
100		1	272	17.08	17.04	17.02	17.13	18.10
100	QPSK	136	0	16.93	16.99	16.92	16.99	18.10
100		136	69	17.12	17.02	17.00	17.09	18.10
100		136	138	17.01	17.08	17.07	17.09	18.10
100		275	0	16.96	16.96	17.01	17.01	18.10
100	16QAM	1	1	17.08	17.09	16.99	17.08	18.10
100	64QAM	1	1	16.98	17.02	16.96	16.99	18.10
100	256QAM	1	1	16.97	16.97	16.95	17.04	18.10
Channel				632668	633666	634334	Tune-up Limit [dBm]
Frequency [MHz]				3700.64	3699.97	3699.31	3700
80	PI/2 BPSK	1	1	17.13	17.08	17.15	17.11	18.10
Channel				631332	633332	635332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3700.01	3699.99	3699.97	3699.95	3700
60	PI/2 BPSK	1	1	17.03	17.08	17.09	17.13	18.10
Channel				630000	633000	636000	639000	Tune-up Limit [dBm]
Frequency [MHz]				3700	3697.02	3699.01	3701	3700
70	PI/2 BPSK	1	1	17.12	17.05	17.12	17.06	18.10
Channel				631998	633332	634666	635998	Tune-up Limit [dBm]
Frequency [MHz]				3700.02	3699.99	3699.97	3699.94	3700
40	PI/2 BPSK	1	1	17.07	17.08	17.09	17.09	18.10
Channel				630668	633332	635998	638664	Tune-up Limit [dBm]
Frequency [MHz]				3700.02	3699.99	3699.97	3699.94	3700
50	PI/2 BPSK	1	1	17.04	17.08	17.08	17.09	18.10
Channel				631998	633332	634666	635998	Tune-up Limit [dBm]
Frequency [MHz]				3700	3699.99	3699.97	3699.94	3700
40	PI/2 BPSK	1	1	17.06	16.97	17.07	17.03	18.10
Channel				631998	633332	634666	635998	Tune-up Limit [dBm]
Frequency [MHz]				3700.02	3699.99	3699.97	3699.94	3700
30	PI/2 BPSK	1	1	17.06	17.08	17.09	17.04	18.10
Channel				631332	633332	635332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3700.01	3699.99	3699.97	3699.95	3700
20	PI/2 BPSK	1	1	17.03	17.08	17.09	17.06	18.10
Channel				631332	633332	635332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3700.01	3699.99	3699.97	3699.95	3700
15	PI/2 BPSK	1	1	17.09	17.08	17.09	17.09	18.10
Channel				631332	633332	635332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3700	3699.99	3699.97	3699.95	3700
10	PI/2 BPSK	1	1	17.14	17.08	17.08	17.07	18.10

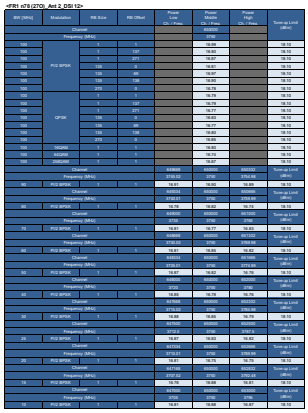
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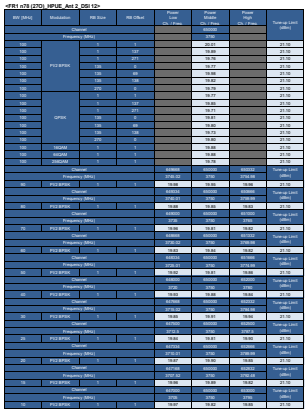
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				632332	633666	634998	
Frequency [MHz]				3700	3699.97	3699.97	3700
100		1	1	20.02	20.05	20.09	20.05	21.50
100		1	137	19.86	19.98	19.95	19.82	21.50
100		1	272	19.81	19.88	19.91	19.89	21.50
100	PI/2 BPSK	136	0	19.84	19.98	19.90	19.97	21.50
100		136	69	20.03	20.05	20.06	20.06	21.50
100		136	138	19.97	19.96	19.95	19.93	21.50
100		275	0	19.86	19.96	19.92	20.01	21.50
100		1	1	19.86	19.96	19.99	19.96	21.50
100		1	137	19.87	19.98	19.97	19.97	21.50
100		1	272	19.93	19.96	19.99	19.96	21.50
100	QPSK	136	0	19.84	19.99	19.93	19.99	21.50
100		136	69	19.92	19.98	19.98	19.97	21.50
100		136	138	19.89	19.92	19.89	19.89	21.50
100		275	0	19.93	19.96	19.93	19.96	21.50
100	16QAM	1	1	19.85	19.92	19.96	19.89	21.50
100	64QAM	1	1	19.81	19.88	19.86	19.80	21.50
100	256QAM	1	1	19.80	19.87	19.88	19.86	21.50
Channel				632668	633620	634334	Tune-up Limit [dBm]
Frequency [MHz]				3700.64	3699.3	3699.31	3699.31
80	PI/2 BPSK	1	1	19.88	19.98	20.02	19.89	21.50
Channel				631332	633332	635332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3700.01	3699.99	3699.97	3699.95	3700
60	PI/2 BPSK	1	1	19.87	19.95	20.02	19.90	21.50
Channel				630000	633000	636000	639000	Tune-up Limit [dBm]
Frequency [MHz]				3700	3697.02	3699.01	3701	3700
70	PI/2 BPSK	1	1	19.89	19.98	19.97	19.93	21.50
Channel				631998	633332	634666	635998	Tune-up Limit [dBm]
Frequency [MHz]				3700.02	3699.99	3699.97	3699.94	3700
40	PI/2 BPSK	1	1	19.87	19.95	20.02	19.90	21.50
Channel				630668	633332	635998	638664	Tune-up Limit [dBm]
Frequency [MHz]				3700.02	3699.99	3699.97	3699.94	3700
50	PI/2 BPSK	1	1	19.86	19.97	20.03	19.89	21.50
Channel				631998	633332	634666	635998	Tune-up Limit [dBm]
Frequency [MHz]				3700	3699.99	3699.97	3699.94	3700
40	PI/2 BPSK	1	1	19.82	19.95	20.03	19.89	21.50
Channel				631998	633332	634666	635998	Tune-up Limit [dBm]
Frequency [MHz]				3700.02	3699.99	3699.97	3699.94	3700
30	PI/2 BPSK	1	1	19.88	19.95	20.02	19.90	21.50
Channel				631332	633332	635332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3700.01	3699.99	3699.97	3699.95	3700
20	PI/2 BPSK	1	1	19.87	19.96	19.91	19.91	21.50
Channel				631332	633332	635332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3700.01	3699.99	3699.97	3699.95	3700
15	PI/2 BPSK	1	1	19.90	19.98	19.96	19.90	21.50
Channel				631332	633332	635332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3700	3699.99	3699.97	3699.95	3700
10	PI/2 BPSK	1	1	19.87	19.96	19.96	19.87	21.50

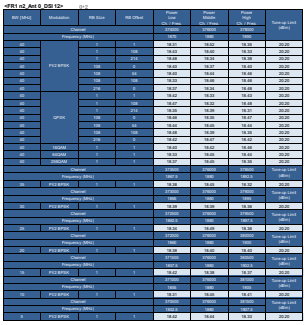
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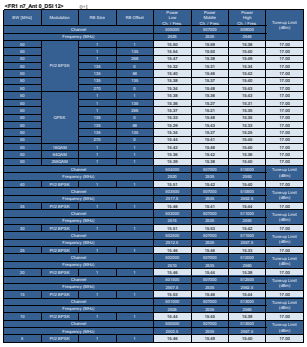
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				632332	633666	634998	
Frequency [MHz]				3700	3699.97	3699.97	3700
100		1	1		17.06		18.10
100		1	137		16.78		18.10
100		1	272		16.89		18.10
100	PI/2 BPSK	136	0		16.88		18.10
100		136	69		16.97		18.10
100		136	138		16.89		18.10
100		275	0		16.77		18.10
100		1	1		16.73		18.10
100		1	137		16.78		18.10
100		1	272		16.80		18.10
100	QPSK	136	0		16.83		18.10
100		136	69		16.86		18.10
100		136	138		16.75		18.10
100		275	0		16.80		18.10
100	16QAM	1	1		16.89		18.10
100	64QAM	1	1		16.77		18.10
100	256QAM	1	1		16.83		18.10
Channel				632668	633332	634668	Tune-up Limit [dBm]
Frequency [MHz]				3699	3699.99	3700.98	
80	PI/2 BPSK	1	1	16.89	16.89	16.83	18.10
Channel				632332	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3699.32	3699.99	3700	
60	PI/2 BPSK	1	1	16.78	16.78	16.80	18.10
Channel				632332	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3699	3699.99	3700.98	
70	PI/2 BPSK	1	1	16.83	16.89	16.81	18.10
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3698.34	3699.99	3701.64	
40	PI/2 BPSK	1	1	16.82	16.78	16.77	18.10
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3698.01	3699.99	3701.97	
50	PI/2 BPSK	1	1	16.82	16.77	16.78	18.10
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3698.01	3699.99	3701.97	
40	PI/2 BPSK	1	1	16.79	16.78	16.83	18.10
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3698.01	3699.99	3701.97	
30	PI/2 BPSK	1	1	16.77	16.82	16.72	18.10
Channel				630834	633332	635830	Tune-up Limit [dBm]
Frequency [MHz]				3692.61	3699.99	3707.38	
20	PI/2 BPSK	1	1	16.77	16.83	16.79	18.10
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3695.67	3699.99	3704.31	
20	PI/2 BPSK	1	1	16.74	16.79	16.77	18.10
Channel				632332	633332	634998	Tune-up Limit [dBm]
Frequency [MHz]				3699.32	3699.99	3700.66	
15	PI/2 BPSK	1	1	16.77	16.89	16.89	18.10
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3698.01	3699.99	3701.97	
10	PI/2 BPSK	1	1	16.72	16.81	16.75	18.10

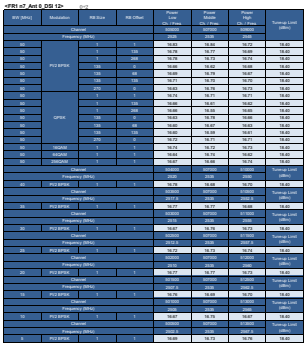


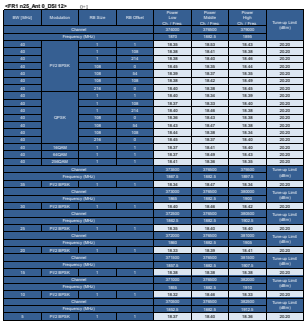












<FR1 n25_Ant 0_DSI 12> (n2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				370833	376500	376833	
Frequency [MHz]				1870	1880.0	1906	
40		1	1	19.28	19.28	19.14	21.00
40		1	109	18.90	19.28	19.06	21.00
40	PI/2 BPSK	1	214	19.03	19.38	18.89	21.00
40		109	0	18.94	19.28	18.83	21.00
40		109	55	19.06	19.31	18.94	21.00
40		109	109	18.91	19.13	18.77	21.00
40		218	0	18.98	19.22	18.86	21.00
40		1	1	18.91	19.19	18.79	21.00
40		1	109	18.78	19.17	18.77	21.00
40		1	214	19.09	19.43	19.00	21.00
40	QPSK	109	0	19.16	19.49	19.02	21.00
40		109	55	19.00	19.23	18.79	21.00
40		109	109	19.01	19.32	19.01	21.00
40		218	0	19.07	19.19	18.96	21.00
40	16QAM	1	1	18.83	19.23	18.82	21.00
40	64QAM	1	1	19.00	19.21	18.90	21.00
40	256QAM	1	1	18.98	19.13	18.81	21.00
Channel				372500	376500	376833	Tune-up Limit [dBm]
Frequency [MHz]				1897.5	1900.5	1907.5	
35	PI/2 BPSK	1	1	18.91	19.27	18.91	21.00
Channel				372333	376500	377000	Tune-up Limit [dBm]
Frequency [MHz]				1895	1900.5	1905	
30	PI/2 BPSK	1	1	18.97	19.28	18.93	21.00
Channel				372000	376500	377000	Tune-up Limit [dBm]
Frequency [MHz]				1892.5	1900.5	1905	
25	PI/2 BPSK	1	1	18.97	19.28	18.93	21.00
Channel				371667	376500	377333	Tune-up Limit [dBm]
Frequency [MHz]				1891.5	1900.5	1906.5	
20	PI/2 BPSK	1	1	18.96	19.28	18.89	21.00
Channel				371500	376500	377167	Tune-up Limit [dBm]
Frequency [MHz]				1891	1900.5	1905.5	
15	PI/2 BPSK	1	1	18.98	19.19	18.89	21.00
Channel				371000	376500	377167	Tune-up Limit [dBm]
Frequency [MHz]				1890	1900.5	1905.5	
10	PI/2 BPSK	1	1	19.02	19.17	18.95	21.00
Channel				370667	376500	377000	Tune-up Limit [dBm]
Frequency [MHz]				1888.5	1900.5	1906.5	
5	PI/2 BPSK	1	1	18.96	19.17	19.00	21.00

<FR1 n38_Ant 0_DSI 12> (n2)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					382000		
Frequency [MHz]					2610		
15		1	1		17.89		19.00
15		1	38		17.88		19.00
15	PI/2 BPSK	1	80		17.89		19.00
15		38	0		17.81		19.00
15		38	19		17.87		19.00
15		38	37		17.86		19.00
15		80	0		17.83		19.00
15		1	1		17.89		19.00
15		1	38		17.88		19.00
15		1	80		17.89		19.00
15	QPSK	38	0		17.89		19.00
15		38	19		17.88		19.00
15		38	37		17.83		19.00
15		80	0		17.88		19.00
15	16QAM	1	1		17.88		19.00
15	64QAM	1	1		17.89		19.00
15	256QAM	1	1		17.88		19.00
Channel				381800	382000	382200	Tune-up Limit [dBm]
Frequency [MHz]				2607.5	2610	2612.5	
5	PI/2 BPSK	1	1	17.88	17.93	17.91	19.00

<FR1 n39_Ant 0_DSI 12> (n1)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel					402000		
Frequency [MHz]					2510		
15		1	1		18.91		17.60
15		1	38		18.91		17.60
15	PI/2 BPSK	1	80		18.94		17.60
15		38	0		18.84		17.60
15		38	19		18.80		17.60
15		38	37		18.84		17.60
15		80	0		18.88		17.60
15		1	1		18.89		17.60
15		1	38		18.87		17.60
15		1	80		18.88		17.60
15	QPSK	38	0		18.88		17.60
15		38	19		18.85		17.60
15		38	37		18.88		17.60
15		80	0		18.85		17.60
15	16QAM	1	1		18.90		17.60
15	64QAM	1	1		18.81		17.60
15	256QAM	1	1		18.83		17.60
Channel				401800	402000	402200	Tune-up Limit [dBm]
Frequency [MHz]				2507.5	2510	2512.5	
5	PI/2 BPSK	1	1	18.88	18.94	18.92	17.60

<FR1 n66_Ant 0_DSI 12> (n2(n1))

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				666500	349500	351333	
Frequency [MHz]				1732.5	1745	1757.3	
45		1	1	17.75	17.89	17.73	18.10
45		1	135	17.62	17.83	17.58	18.10
45	PI/2 BPSK	1	249	17.61	17.72	17.64	18.10
45		135	0	17.66	17.84	17.68	18.10
45		135	68	17.62	17.73	17.67	18.10
45		135	135	17.66	17.83	17.64	18.10
45		249	0	17.62	17.77	17.62	18.10
45		1	1	17.68	17.89	17.66	18.10
45		1	135	17.67	17.89	17.65	18.10
45		1	249	17.65	17.79	17.67	18.10
45	QPSK	135	0	17.64	17.83	17.64	18.10
45		135	68	17.66	17.82	17.66	18.10
45		135	135	17.66	17.87	17.66	18.10
45		249	0	17.67	17.79	17.66	18.10
45	16QAM	1	1	17.64	17.89	17.62	18.10
45	64QAM	1	1	17.63	17.73	17.60	18.10
45	256QAM	1	1	17.72	17.87	17.69	18.10
Channel				666500	349500	352833	Tune-up Limit [dBm]
Frequency [MHz]				1732	1745	1758	
40	PI/2 BPSK	1	1	17.64	17.87	17.63	18.10
Channel				666500	349500	353000	Tune-up Limit [dBm]
Frequency [MHz]				1737.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.62	17.88	17.62	18.10
Channel				666500	349500	353333	Tune-up Limit [dBm]
Frequency [MHz]				1735	1745	1765	
30	PI/2 BPSK	1	1	17.62	17.88	17.66	18.10
Channel				666500	349500	353500	Tune-up Limit [dBm]
Frequency [MHz]				1732.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.66	17.89	17.64	18.10
Channel				666500	349500	353833	Tune-up Limit [dBm]
Frequency [MHz]				1730	1745	1770	
20	PI/2 BPSK	1	1	17.65	17.89	17.66	18.10
Channel				666500	349500	354167	Tune-up Limit [dBm]
Frequency [MHz]				1727.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.66	17.87	17.65	18.10
Channel				666500	349500	354500	Tune-up Limit [dBm]
Frequency [MHz]				1725	1745	1775	
10	PI/2 BPSK	1	1	17.64	17.89	17.67	18.10
Channel				666500	349500	355000	Tune-up Limit [dBm]
Frequency [MHz]				1722.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.67	17.89	17.64	18.10

<FR1 n41_FCC_Ant 0_DSI 12>

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	518998	528202	
Frequency [MHz]				2506.01	2506.99	2508	
100		1	0	16.58	16.66	16.96	17.20
100		1	137	16.59	16.66	16.96	17.20
100		1	271	16.59	16.66	16.96	17.20
100	PI/2 BPSK	136	0	16.58	16.67	16.95	17.20
100		136	68	16.61	16.67	16.98	17.20
100		136	136	16.58	16.61	16.95	17.20
100		270	0	16.58	16.66	16.95	17.20
100		1	0	16.62	16.66	16.98	17.20
100		1	137	16.65	16.67	16.97	17.20
100		1	271	16.62	16.64	16.93	17.20
100	QPSK	136	0	16.62	16.63	16.93	17.20
100		136	68	16.61	16.66	16.96	17.20
100		136	136	16.66	16.61	16.91	17.20
100		270	0	16.66	16.66	16.96	17.20
100	16QAM	1	0	16.58	16.60	16.88	17.20
100	16QAM	1	0	16.63	16.68	16.90	17.20
100	256QAM	1	0	15.38	15.85	15.48	17.20
Channel				509202	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2507	2506.99	2510.98	
90	PI/2 BPSK	1	0	16.68	16.65	16.43	17.20
Channel				509704	518998	529296	Tune-up Limit [dBm]
Frequency [MHz]				2536.52	2506.99	2539.98	
80	PI/2 BPSK	1	0	16.67	16.62	16.60	17.20
Channel				509202	518998	537000	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2509	
70	PI/2 BPSK	1	0	16.62	16.68	16.46	17.20
Channel				509704	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2536	2506.99	2539.98	
60	PI/2 BPSK	1	0	16.68	16.62	16.38	17.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
50	PI/2 BPSK	1	0	16.68	16.62	16.38	17.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
40	PI/2 BPSK	1	0	16.68	16.62	16.38	17.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
30	PI/2 BPSK	1	0	16.68	16.62	16.38	17.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
25	PI/2 BPSK	1	0	16.68	16.62	16.38	17.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
20	PI/2 BPSK	1	0	16.68	16.62	16.38	17.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
15	PI/2 BPSK	1	0	16.68	16.62	16.38	17.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
10	PI/2 BPSK	1	0	16.61	16.68	16.46	17.20

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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	518998	528202	
Frequency [MHz]				2506.01	2506.99	2508	
100		1	0	16.63	16.58	16.92	22.20
100		1	137	16.65	16.68	16.97	22.20
100		1	271	16.14	16.27	16.62	22.20
100	PI/2 BPSK	136	0	16.21	16.32	16.66	22.20
100		136	68	16.60	16.52	16.58	22.20
100		136	136	16.63	16.52	16.55	22.20
100		270	0	16.26	16.68	16.96	22.20
100		1	0	16.61	16.58	16.92	22.20
100		1	137	16.24	16.30	16.69	22.20
100		1	271	16.26	16.33	16.62	22.20
100	QPSK	136	0	15.96	16.39	16.62	22.20
100		136	68	16.21	16.42	16.59	22.20
100		136	136	16.00	16.39	16.66	22.20
100		270	0	16.27	16.32	16.00	22.20
100	16QAM	1	0	16.00	16.29	16.52	22.20
100	16QAM	1	0	16.26	16.17	16.21	22.20
100	256QAM	1	0	15.22	15.23	15.68	22.20
Channel				509202	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2507	2506.99	2510.98	
90	PI/2 BPSK	1	0	16.64	16.62	16.41	22.20
Channel				509704	518998	529296	Tune-up Limit [dBm]
Frequency [MHz]				2536.52	2506.99	2539.98	
80	PI/2 BPSK	1	0	16.65	16.59	16.42	22.20
Channel				509202	518998	537000	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2509	
70	PI/2 BPSK	1	0	16.35	16.63	16.39	22.20
Channel				509704	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2536	2506.99	2539.98	
60	PI/2 BPSK	1	0	16.63	16.63	16.39	22.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
50	PI/2 BPSK	1	0	16.63	16.63	16.39	22.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
40	PI/2 BPSK	1	0	16.65	16.49	16.63	22.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
30	PI/2 BPSK	1	0	16.63	16.63	16.39	22.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
25	PI/2 BPSK	1	0	16.68	16.63	16.43	22.20
Channel				509202	518998	537296	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2539.98	
20	PI/2 BPSK	1	0	16.68	16.49	16.65	22.20
Channel				509704	518998	536896	Tune-up Limit [dBm]
Frequency [MHz]				2536.52	2506.99	2539.48	
15	PI/2 BPSK	1	0	16.63	16.68	16.61	22.20
Channel				509202	518998	537302	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2506.99	2509	
10	PI/2 BPSK	1	0	16.56	16.64	16.39	22.20

<FR1 n2_Ant 1_DSI 12> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	15.13	15.29	15.01	16.70
40		1	108	15.09	15.30	15.08	16.70
40		1	214	15.22	15.27	15.11	16.70
40		108	0	15.17	15.24	15.08	16.70
40		108	54	15.13	15.16	15.09	16.70
40		108	108	15.19	15.14	15.16	16.70
40		216	0	15.17	15.18	15.10	16.70
40	QPSK	1	1	15.20	15.17	15.06	16.70
40		1	108	15.22	15.19	15.09	16.70
40		1	214	15.16	15.20	15.01	16.70
40		108	0	15.25	15.28	15.06	16.70
40		108	54	15.21	15.19	15.14	16.70
40		108	108	15.13	15.23	15.18	16.70
40		216	0	15.17	15.18	15.12	16.70
40	16QAM	1	1	15.23	15.26	15.06	16.70
40	64QAM	1	1	15.25	15.28	15.19	16.70
40	256QAM	1	1	15.20	15.23	15.01	16.70
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	14.98	15.14	14.93	16.70
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	15.07	15.14	14.96	16.70
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	15.06	15.14	15.04	16.70
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	14.99	15.09	15.02	16.70
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	15.06	15.15	15.02	16.70
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	15.04	15.13	14.95	16.70
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	15.08	15.13	14.98	16.70

<FR1 n25_Ant 1_DSI 12> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.13	16.44	16.26	16.70
40		1	108	16.16	16.18	16.21	16.70
40		1	214	16.06	16.05	16.11	16.70
40		108	0	16.10	16.11	16.11	16.70
40		108	54	16.07	16.28	16.19	16.70
40		108	108	16.06	16.14	16.17	16.70
40		216	0	16.16	16.16	16.19	16.70
40	QPSK	1	1	16.17	16.07	16.18	16.70
40		1	108	16.11	16.26	16.20	16.70
40		1	214	16.12	16.16	16.15	16.70
40		108	0	16.12	16.24	16.27	16.70
40		108	54	16.15	16.16	16.08	16.70
40		108	108	16.16	16.15	16.18	16.70
40		216	0	16.16	16.06	16.12	16.70
40	16QAM	1	1	16.09	16.20	16.09	16.70
40	64QAM	1	1	16.10	16.05	16.12	16.70
40	256QAM	1	1	16.08	16.07	16.21	16.70
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.09	16.17	16.18	16.70
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.08	16.16	16.22	16.70
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.12	16.25	16.16	16.70
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.15	16.24	16.18	16.70
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	16.09	16.18	16.15	16.70
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.05	16.24	16.20	16.70
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.08	16.21	16.23	16.70

<FR1 n7_Ant 1_DSI 12> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	15.27	15.34	15.15	17.00
50		1	135	15.23	15.35	15.18	17.00
50		1	268	15.26	15.35	15.23	17.00
50		135	0	15.32	15.36	15.18	17.00
50		135	68	15.25	15.27	15.22	17.00
50		135	135	15.30	15.28	15.21	17.00
50		270	0	15.26	15.29	15.16	17.00
50	QPSK	1	1	15.33	15.26	15.14	17.00
50		1	135	15.35	15.34	15.14	17.00
50		1	268	15.23	15.30	15.15	17.00
50		135	0	15.32	15.34	15.19	17.00
50		135	68	15.27	15.31	15.23	17.00
50		135	135	15.23	15.29	15.25	17.00
50		270	0	15.32	15.32	15.19	17.00
50	16QAM	1	1	15.35	15.38	15.14	17.00
50	64QAM	1	1	15.33	15.33	15.24	17.00
50	256QAM	1	1	15.30	15.28	15.15	17.00
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	15.29	15.38	15.14	17.00
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	15.27	15.26	15.24	17.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	15.27	15.27	15.14	17.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	15.33	15.36	15.19	17.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	15.28	15.27	15.25	17.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	15.27	15.31	15.23	17.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	15.25	15.28	15.20	17.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	15.32	15.31	15.19	17.00

<FR1 n66_Ant 1_DSI 12> 3+1&0+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.93	17.35	17.05	18.10
45		1	120	16.91	17.22	17.08	18.10
45		1	240	16.90	17.28	17.04	18.10
45		120	0	16.93	17.21	17.02	18.10
45		120	60	16.90	17.22	17.07	18.10
45		120	120	16.99	17.30	17.02	18.10
45		240	0	16.96	17.24	17.08	18.10
45	QPSK	1	1	16.99	17.27	17.00	18.10
45		1	120	16.97	17.23	16.98	18.10
45		1	240	16.98	17.23	17.09	18.10
45		120	0	16.96	17.30	17.04	18.10
45		120	60	17.00	17.22	17.08	18.10
45		120	120	17.00	17.23	17.03	18.10
45		240	0	17.01	17.27	17.06	18.10
45	16QAM	1	1	16.95	17.30	17.00	18.10
45	64QAM	1	1	16.97	17.23	17.01	18.10
45	256QAM	1	1	16.91	17.25	17.06	18.10
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.94	17.30	16.99	18.10
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.95	17.31	17.02	18.10
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.95	17.29	17.00	18.10
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.90	17.28	17.05	18.10
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.90	17.30	17.02	18.10
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.96	17.31	16.99	18.10
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.96	17.29	17.05	18.10
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.01	17.24	17.06	18.10

<FR1 n41_FCC_Ant 1_DSI 12> 3+1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	14.51	14.63	14.27	15.60
100		1	137	14.24	14.10	14.13	15.60
100		1	271	14.22	14.06	14.08	15.60
100	PI/2 BPSK	135	0	14.17	14.11	14.12	15.60
100		135	69	14.24	14.23	14.27	15.60
100		135	138	14.13	14.23	14.19	15.60
100		270	0	14.27	14.29	14.27	15.60
100		1	1	14.20	14.32	14.27	15.60
100		1	137	14.16	14.15	14.09	15.60
100		1	271	14.22	14.27	14.27	15.60
100	QPSK	135	0	14.22	14.21	14.13	15.60
100		135	69	14.12	14.30	14.23	15.60
100		135	138	14.10	14.07	14.07	15.60
100		270	0	14.23	14.17	14.24	15.60
100	16QAM	1	1	14.23	14.09	14.05	15.60
100	64QAM	1	1	14.42	14.59	14.25	15.60
100	256QAM	1	1	14.42	14.60	14.17	15.60
Channel				509200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	14.15	14.16	14.09	15.60
Channel				507204	518598	529992	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	14.19	14.13	14.09	15.60
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	14.17	14.14	14.18	15.60
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	14.19	14.15	14.08	15.60
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	14.17	14.11	14.17	15.60
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	14.14	14.18	14.11	15.60
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	14.14	14.18	14.12	15.60
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	14.16	14.20	14.07	15.60
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	14.15	14.12	14.11	15.60
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	14.18	14.13	14.06	15.60
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	14.22	14.12	14.16	15.60
Channel				500702	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	14.22	14.18	14.12	15.60
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	14.15	14.10	14.12	15.60

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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		1	1	17.41	17.55	17.51	18.60
100		1	137	17.16	17.23	17.29	18.60
100		1	271	17.10	17.15	17.11	18.60
100	PI/2 BPSK	135	0	17.29	17.39	17.31	18.60
100		135	69	17.25	17.40	17.31	18.60
100		135	138	17.15	17.27	17.26	18.60
100		270	0	17.14	17.25	17.11	18.60
100		1	1	17.34	17.47	17.36	18.60
100		1	137	17.11	17.18	17.19	18.60
100		1	271	17.21	17.16	17.14	18.60
100	QPSK	135	0	17.23	17.33	17.20	18.60
100		135	69	17.18	17.33	17.20	18.60
100		135	138	17.34	17.43	17.26	18.60
100		270	0	17.13	17.31	17.19	18.60
100	16QAM	1	1	17.21	17.41	17.30	18.60
100	64QAM	1	1	17.35	17.33	17.33	18.60
100	256QAM	1	1	17.38	17.38	17.35	18.60
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.16	17.22	17.19	18.60
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.24	17.21	17.28	18.60
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.19	17.22	17.23	18.60
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.23	17.31	17.17	18.60
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.19	17.24	17.20	18.60
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.20	17.32	17.25	18.60
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.18	17.23	17.21	18.60
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.24	17.26	17.22	18.60
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.22	17.26	17.25	18.60
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.17	17.21	17.19	18.60
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.13	17.23	17.25	18.60
Channel				500702	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.20	17.20	17.18	18.60
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.23	17.23	17.28	18.60

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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		1	1	16.01	16.07	15.74	17.20
100		1	137	15.76	15.55	15.60	17.20
100		1	271	15.74	15.51	15.62	17.20
100	PI/2 BPSK	135	0	15.64	15.62	15.63	17.20
100		135	69	15.80	15.78	15.81	17.20
100		135	138	15.62	15.72	15.74	17.20
100		270	0	15.82	15.75	15.76	17.20
100		1	1	15.67	15.82	15.80	17.20
100		1	137	15.69	15.65	15.54	17.20
100		1	271	15.67	15.74	15.77	17.20
100	QPSK	135	0	15.70	15.66	15.66	17.20
100		135	69	15.67	15.83	15.71	17.20
100		135	138	15.61	15.59	15.58	17.20
100		270	0	15.76	15.76	15.76	17.20
100	16QAM	1	1	15.72	15.61	15.54	17.20
100	64QAM	1	1	15.94	16.13	15.76	17.20
100	256QAM	1	1	15.88	16.09	15.69	17.20
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.69	15.63	15.66	17.20
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.69	15.65	15.62	17.20
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.79	15.63	15.67	17.20
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.79	15.66	15.61	17.20
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.70	15.61	15.59	17.20
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.72	15.59	15.64	17.20
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.70	15.57	15.67	17.20
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.79	15.54	15.65	17.20
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.73	15.54	15.65	17.20
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.75	15.59	15.59	17.20
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.76	15.59	15.61	17.20
Channel				500702	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.79	15.65	15.67	17.20
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.79	15.65	15.60	17.20

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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		1	1	18.90	19.05	19.04	20.20
100		1	137	18.69	18.72	18.79	20.20
100		1	271	18.65	18.68	18.66	20.20
100	Pi/2 BPSK	135	0	18.74	18.88	18.85	20.20
100		135	69	18.79	18.85	18.82	20.20
100		135	138	18.66	18.82	18.71	20.20
100		270	0	18.63	18.78	18.65	20.20
100		1	1	18.78	18.99	18.84	20.20
100		1	137	18.66	18.68	18.70	20.20
100		1	271	18.72	18.71	18.60	20.20
100	QPSK	135	0	18.74	18.87	18.75	20.20
100		135	69	18.64	18.83	18.67	20.20
100		135	138	18.82	18.92	18.80	20.20
100		270	0	18.62	18.87	18.64	20.20
100	16QAM	1	1	18.65	18.90	18.78	20.20
100	64QAM	1	1	18.86	18.82	18.85	20.20
100	256QAM	1	1	18.84	18.88	18.88	20.20
Channel				506200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	Pi/2 BPSK	1	1	18.65	18.73	18.80	20.20
Channel				507224	518598	529992	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	Pi/2 BPSK	1	1	18.64	18.69	18.82	20.20
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	Pi/2 BPSK	1	1	18.71	18.77	18.81	20.20
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	Pi/2 BPSK	1	1	18.65	18.70	18.82	20.20
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	Pi/2 BPSK	1	1	18.66	18.71	18.75	20.20
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	Pi/2 BPSK	1	1	18.64	18.79	18.77	20.20
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	Pi/2 BPSK	1	1	18.70	18.79	18.77	20.20
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	Pi/2 BPSK	1	1	18.63	18.73	18.75	20.20
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	Pi/2 BPSK	1	1	18.72	18.75	18.77	20.20
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	Pi/2 BPSK	1	1	18.66	18.79	18.77	20.20
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	Pi/2 BPSK	1	1	18.70	18.74	18.76	20.20
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	Pi/2 BPSK	1	1	18.68	18.68	18.76	20.20
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	Pi/2 BPSK	1	1	18.63	18.74	18.81	20.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				538000	541666	545332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	14.51	14.52	14.33	15.90
40		1	53	14.23	14.29	14.22	15.90
40		1	104	14.21	14.33	14.21	15.90
40	Pi/2 BPSK	50	0	14.25	14.36	14.22	15.90
40		50	28	14.26	14.46	14.18	15.90
40		50	56	14.12	14.27	14.16	15.90
40		100	0	14.34	14.39	14.20	15.90
40		1	1	14.35	14.47	14.25	15.90
40		1	53	14.21	14.21	14.26	15.90
40		1	104	14.19	14.34	14.19	15.90
40	QPSK	50	0	14.27	14.32	14.17	15.90
40		50	28	14.21	14.31	14.17	15.90
40		50	56	14.26	14.35	14.13	15.90
40		100	0	14.26	14.27	14.17	15.90
40	16QAM	1	1	14.28	14.26	14.20	15.90
40	64QAM	1	1	14.10	14.21	14.21	15.90
40	256QAM	1	1	14.17	14.24	14.21	15.90
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	Pi/2 BPSK	1	1	14.28	14.24	14.20	15.90
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	Pi/2 BPSK	1	1	14.20	14.29	14.19	15.90
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	Pi/2 BPSK	1	1	14.24	14.26	14.20	15.90
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3553	3624.99	3694.98	
10	Pi/2 BPSK	1	1	14.22	14.28	14.18	15.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.15		19.00
100		1	137		17.99		19.00
100		1	271		18.00		19.00
100	Pi/2 BPSK	135	0		18.03		19.00
100		135	69		18.14		19.00
100		135	138		17.98		19.00
100		270	0		18.02		19.00
100		1	1		18.04		19.00
100		1	137		17.99		19.00
100		1	271		18.01		19.00
100	QPSK	135	0		18.00		19.00
100		135	69		18.05		19.00
100		135	138		17.99		19.00
100		270	0		18.02		19.00
100	16QAM	1	1		18.05		19.00
100	64QAM	1	1		17.97		19.00
100	256QAM	1	1		18.05		19.00
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	18.13	18.05	18.02	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.10	17.93	18.00	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.96	
70	Pi/2 BPSK	1	1	18.01	17.94	17.95	19.00
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	18.01	18.00	17.93	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.00	17.93	17.97	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.10	18.01	17.93	19.00
Channel				631000	633332	635664	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	18.10	18.01	17.97	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.05	18.03	17.99	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.05	17.91	17.91	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.09	18.00	17.95	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.02	17.98	17.89	19.00

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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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.11		22.00
100		1	137		21.06		22.00
100		1	271		21.01		22.00
100		135	0		21.04		22.00
100		135	69		21.07		22.00
100		135	138		21.00		22.00
100		270	0		21.07		22.00
100	QPSK	1	1		21.00		22.00
100		1	137		20.98		22.00
100		1	271		21.06		22.00
100		135	0		21.02		22.00
100		135	69		21.07		22.00
100		135	138		20.98		22.00
100		270	0		21.07		22.00
100	16QAM	1	1		20.95		22.00
100	64QAM	1	1		20.96		22.00
100	256QAM	1	1		20.95		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.00	21.01	21.03	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.91	20.92	20.91	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.91	20.86	20.98	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.95	20.95	20.89	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.99	20.99	20.97	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.92	20.87	20.96	22.00
Channel				631000	633332	635664	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.93	20.91	20.96	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.87	20.98	20.93	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.97	20.98	21.01	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.46	
15	PI/2 BPSK	1	1	20.98	20.95	20.99	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.90	20.96	20.93	22.00

<FR1 n77 (27O)_Ant 1_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low 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	18.17	18.09	18.21	18.17	19.00
100		1	137	18.04	18.05	18.02	18.07	19.00
100		1	271	18.04	17.97	18.03	18.06	19.00
100		135	0	18.01	18.04	17.96	18.09	19.00
100		135	69	18.16	18.16	18.19	18.14	19.00
100		135	138	17.99	18.03	18.04	18.05	19.00
100		270	0	18.07	17.96	18.09	18.11	19.00
100	QPSK	1	1	18.08	18.01	18.06	18.02	19.00
100		1	137	18.05	17.96	17.97	17.99	19.00
100		1	271	18.02	17.96	18.03	18.03	19.00
100		135	0	18.07	17.96	18.03	17.99	19.00
100		135	69	17.97	18.06	18.00	18.09	19.00
100		135	138	18.02	18.07	18.05	18.09	19.00
100		270	0	18.02	18.04	18.06	18.01	19.00
100	16QAM	1	1	17.97	18.04	18.04	18.09	19.00
100	64QAM	1	1	18.06	18.03	18.05	18.03	19.00
100	256QAM	1	1	17.99	18.07	18.03	18.19	19.00
Channel				649668	655500	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3935.01	
90	PI/2 BPSK	1	1	18.08	17.97	18.16	18.00	19.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	18.11	17.98	18.20	18.05	19.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.14	18.06	18.09	18.01	19.00
Channel				648668	655000	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	18.07	18.06	18.09	18.08	19.00
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	18.10	18.05	18.15	18.02	19.00
Channel				648000	654668	661334	664002	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.13	18.05	18.17	18.05	19.00
Channel				647668	654502	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	18.12	17.98	18.17	18.04	19.00
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	18.12	18.03	18.10	18.09	19.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	1	18.13	18.08	18.08	18.08	19.00
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	18.05	18.02	18.17	18.07	19.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.06	18.04	18.08	18.09	19.00

<FR1 n77 (27O)_HPUE_Ant 1_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low 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	21.11	21.17	21.21	21.20	22.00
100		1	137	20.99	20.97	20.95	21.02	22.00
100		1	271	21.04	20.95	21.01	21.08	22.00
100		135	0	21.03	21.06	21.01	20.99	22.00
100		135	69	21.14	21.09	21.15	21.12	22.00
100		135	138	21.06	21.01	20.96	21.07	22.00
100		270	0	20.98	20.97	21.03	20.99	22.00
100	QPSK	1	1	21.04	21.06	21.03	21.09	22.00
100		1	137	20.96	20.97	21.05	21.10	22.00
100		1	271	20.96	21.00	20.98	21.02	22.00
100		135	0	21.05	21.00	21.07	21.09	22.00
100		135	69	20.96	21.07	20.99	21.02	22.00
100		135	138	20.98	21.04	20.95	21.09	22.00
100		270	0	21.03	21.01	20.98	21.03	22.00
100	16QAM	1	1	20.98	20.98	20.98	21.05	22.00
100	64QAM	1	1	21.02	21.05	20.99	21.02	22.00
100	256QAM	1	1	20.98	21.00	21.05	21.11	22.00
Channel				649668	655500	661334	662334	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3935.01	
90	PI/2 BPSK	1	1	21.00	21.13	21.12	21.09	22.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3940.02	
80	PI/2 BPSK	1	1	20.99	21.07	21.11	21.12	22.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	20.98	21.14	21.15	21.14	22.00
Channel				648668	655000	661334	663334	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3950.01	
60	PI/2 BPSK	1	1	21.09	21.14	21.12	21.06	22.00
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3955.02	
50	PI/2 BPSK	1	1	21.09	21.15	21.13	21.15	22.00
Channel				648000	654668	661334	664002	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.01	21.08	21.07	21.13	22.00
Channel				647668	654502	661334	664334	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3965.01	
30	PI/2 BPSK	1	1	20.96	21.08	21.10	21.08	22.00
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	20.96	21.11	21.18	21.08	22.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3970.02	
20	PI/2 BPSK	1	1	20.98	21.10	21.14	21.10	22.00
Channel				647168	654250	661334	664834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.51	
15	PI/2 BPSK	1	1	20.98	21.08	21.09	21.02	22.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.08	21.03	21.11	21.09	22.00

<FR1 n78 (27Q)_Ant 1_DSI 12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.17		19.00
100		1	137		18.06		19.00
100		1	271		17.97		19.00
100	Pi/2 BPSK	135	0		18.01		19.00
100		135	69		18.06		19.00
100		135	138		17.98		19.00
100		270	0		18.02		19.00
100		1	1		18.04		19.00
100		1	137		18.01		19.00
100		1	271		18.00		19.00
100	QPSK	135	0		17.98		19.00
100		135	69		17.97		19.00
100		135	138		17.99		19.00
100		270	0		18.01		19.00
100	16QAM	1	1		18.03		19.00
100	64QAM	1	1		18.01		19.00
100	256QAM	1	1		18.00		19.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	18.05	18.00	18.03	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.01	17.89	18.01	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	17.96	17.98	18.01	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	17.90	17.85	17.97	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	17.95	17.92	17.94	19.00
Channel				631334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	17.96	17.99	17.96	19.00
Channel				631000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	17.93	17.87	18.01	19.00
Channel				630834	633332	633832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	17.90	17.95	17.89	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.02	17.98	17.96	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	17.94	17.87	18.02	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	17.98	17.86	17.99	19.00

<FR1 n78 (27Q)_HPUE_Ant 1_DSI 12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.13		22.00
100		1	137		20.96		22.00
100		1	271		20.98		22.00
100	Pi/2 BPSK	135	0		21.01		22.00
100		135	69		21.11		22.00
100		135	138		20.98		22.00
100		270	0		20.96		22.00
100		1	1		21.07		22.00
100		1	137		21.03		22.00
100		1	271		21.04		22.00
100	QPSK	135	0		21.04		22.00
100		135	69		20.98		22.00
100		135	138		20.98		22.00
100		270	0		21.02		22.00
100	16QAM	1	1		20.98		22.00
100	64QAM	1	1		21.04		22.00
100	256QAM	1	1		21.05		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	21.05	21.03	21.01	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.00	20.90	20.86	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.01	20.91	20.99	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	20.91	20.91	20.95	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.04	21.00	20.87	22.00
Channel				631334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	20.99	21.00	20.92	22.00
Channel				631000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.02	20.97	20.87	22.00
Channel				630834	633332	633832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	20.93	20.99	20.91	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.01	20.92	20.86	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	20.91	20.96	20.88	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	20.98	20.89	20.95	22.00

<FR1 n78 (27O)_Ant 1_DSI 12>

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		18.15		19.00
100		1	137		18.02		19.00
100		1	271		17.99		19.00
100		135	0		18.02		19.00
100		135	69		18.11		19.00
100		135	138		18.01		19.00
100		270	0		18.06		19.00
100	QPSK	1	1		18.03		19.00
100		1	137		18.01		19.00
100		1	271		17.96		19.00
100		135	0		17.98		19.00
100		135	69		18.04		19.00
100		135	138		17.98		19.00
100		270	0		17.95		19.00
100	16QAM	1	1		18.06		19.00
100	64QAM	1	1		18.05		19.00
100	256QAM	1	1		18.06		19.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.05	18.03	18.02	19.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.91	17.98	17.89	19.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.91	18.00	17.88	19.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.95	17.98	17.90	19.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.95	17.96	17.91	19.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.01	17.91	17.94	19.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.91	17.89	17.96	19.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.93	17.89	17.96	19.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.01	17.93	18.00	19.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.91	18.00	17.99	19.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.96	17.93	17.93	19.00

<FR1 n78 (27O)_HPUE_Ant 1_DSI 12>

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		21.12		22.00
100		1	137		21.02		22.00
100		1	271		21.06		22.00
100		135	0		20.96		22.00
100		135	69		21.09		22.00
100		135	138		21.02		22.00
100		270	0		20.99		22.00
100	QPSK	1	1		20.98		22.00
100		1	137		21.04		22.00
100		1	271		21.00		22.00
100		135	0		21.04		22.00
100		135	69		21.03		22.00
100		135	138		21.02		22.00
100		270	0		20.97		22.00
100	16QAM	1	1		21.03		22.00
100	64QAM	1	1		21.07		22.00
100	256QAM	1	1		21.01		22.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.05	21.03	21.02	22.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.91	20.95	20.89	22.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.03	20.89	20.99	22.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.00	20.94	20.94	22.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.98	20.95	20.96	22.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.01	20.99	20.89	22.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.92	20.91	20.97	22.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.92	21.02	20.95	22.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.94	20.92	21.01	22.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.97	20.91	20.87	22.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.00	20.95	20.98	22.00