



Full&Default Power Mode

FR1 n25 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Med Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	23.11	23.19	23.06			
20	PI2 BPSK	1	53	23.00	23.14	23.02	24.0	0.0	
20	PI2 BPSK	1	104	22.99	23.06	23.00			
20	PI2 BPSK	50	0	22.71	22.77	22.69	23.5	0.5	
20	PI2 BPSK	50	28	22.67	23.14	22.63	24.0	0.0	
20	PI2 BPSK	50	56	22.68	22.69	22.62	23.5	0.5	
20	PI2 BPSK	100	0	22.63	22.73	22.64			
20	QPSK	1	1	23.11	23.13	23.11			
20	QPSK	1	53	23.02	23.13	23.04	24.0	0.0	
20	QPSK	1	104	22.99	23.09	22.97			
20	QPSK	50	0	22.26	22.37	22.30	23.0	1.0	
20	QPSK	50	28	23.14	23.19	23.14	24.0	0.0	
20	QPSK	50	56	22.34	22.41	22.35	23.0	1.0	
20	QPSK	100	0	22.31	22.41	22.31			
20	16QAM	1	1	22.58	22.64	22.56	23.0	1.0	
20	16QAM	1	1	21.00	21.10	21.0	23.5	2.5	
20	256QAM	1	1	18.84	18.85	18.83	19.5	4.5	
Channel									
				371600	376500	381600	Tune-up limit (dB)	MPR	
				1465	1822.5	1610			
Channel									
				371000	376500	382000	Tune-up limit (dB)	MPR	
				1465	1822.5	1610			
Channel									
				370500	376500	382500	Tune-up limit (dB)	MPR	
				1462.5	1822.5	1612.5			
Channel									
				23.01	23.06	23.02	24.0	0.0	

FR1 n30 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Med Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	23.18	23.25	23.16			
10	PI2 BPSK	1	26	23.09	23.19	23.09	24.0	0.0	
10	PI2 BPSK	1	50	23.05	23.14	23.05			
10	PI2 BPSK	25	0	22.76	22.87	22.78	23.5	0.5	
10	PI2 BPSK	25	14	23.13	23.19	23.12	24.0	0.0	
10	PI2 BPSK	25	27	22.73	22.79	22.69	23.5	0.5	
10	PI2 BPSK	50	0	22.73	22.81	22.73			
10	QPSK	1	1	23.28	23.31	23.28			
10	QPSK	1	26	23.09	23.18	23.10	24.0	0.0	
10	QPSK	1	50	23.08	23.15	23.08			
10	QPSK	25	0	22.26	22.44	22.28	23.0	1.0	
10	QPSK	25	14	23.18	23.28	23.18	24.0	0.0	
10	QPSK	25	27	22.42	22.49	22.42	23.0	1.0	
10	QPSK	50	0	22.40	22.48	22.41			
10	16QAM	1	1	22.63	22.72	22.65	23.0	1.0	
10	16QAM	1	1	21.10	21.19	21.10	23.5	2.5	
10	256QAM	1	1	18.85	18.85	18.85	19.5	4.5	
Channel									
				461500	462000	462500	Tune-up limit (dB)	MPR	
				2307.2	2310	2312.2			
Channel									
				23.10	23.15	23.05	24.0	0.0	





Reduced Power Mode for Hotspot on

FR1 n25 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mode Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	23.11	23.19	23.06			
20	PI2 BPSK	1	53	23.00	23.14	23.02	24.0	0.0	
20	PI2 BPSK	1	104	22.99	23.05	23.00			
20	PI2 BPSK	50	0	22.71	22.77	22.69	23.5	0.5	
20	PI2 BPSK	50	26	22.97	23.14	23.00	24.0	0.0	
20	PI2 BPSK	50	56	22.68	22.65	22.62			
20	PI2 BPSK	100	0	22.63	22.73	22.64	23.5	0.5	
20	QPSK	1	1	23.17	23.13	23.17			
20	QPSK	1	53	23.02	23.13	23.04	24.0	0.0	
20	QPSK	1	104	22.99	23.05	22.97			
20	QPSK	50	0	22.28	22.37	22.32	23.0	1.0	
20	QPSK	50	26	23.14	23.19	23.14	24.0	0.0	
20	QPSK	50	56	22.34	22.41	22.35			
20	QPSK	100	0	22.31	22.41	22.31	23.0	1.0	
20	16QAM	1	1	22.58	22.64	22.56	23.0	1.0	
20	16QAM	1	1	21.90	21.90	21.90	21.5	2.5	
20	256QAM	1	1	18.84	18.85	18.83	18.5	4.5	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1807.5	1822.5	1837.5			
15	QPSK	1	1	23.08	23.14	23.09	24.0	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1805	1822.5	1840			
10	QPSK	1	1	23.08	23.11	23.08	24.0	0.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1802.5	1822.5	1842.5			
5	QPSK	1	1	23.01	23.06	23.02	24.0	0.0	

FR1 n30 Ant1 Hotspot On									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mode Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	23.18	23.25	23.16			
10	PI2 BPSK	1	26	23.09	23.19	23.09	24.0	0.0	
10	PI2 BPSK	1	50	23.05	23.14	23.05			
10	PI2 BPSK	25	0	22.78	22.87	22.78	23.5	0.5	
10	PI2 BPSK	25	14	23.13	23.19	23.12	24.0	0.0	
10	PI2 BPSK	25	27	22.73	22.79	22.69			
10	PI2 BPSK	50	0	22.73	22.81	22.73	23.0	0.5	
10	QPSK	1	1	23.26	23.32	23.25			
10	QPSK	1	26	23.09	23.18	23.10	24.0	0.0	
10	QPSK	1	50	23.08	23.15	23.06			
10	QPSK	25	0	22.35	22.44	22.35	23.0	1.0	
10	QPSK	25	14	23.19	23.26	23.19	24.0	0.0	
10	QPSK	25	27	22.42	22.49	22.42			
10	QPSK	50	0	22.40	22.45	22.41	23.0	1.0	
10	16QAM	1	1	22.83	22.72	22.85	23.0	1.0	
10	16QAM	1	1	21.10	21.19	21.10	21.0	2.5	
10	256QAM	1	1	18.89	18.95	18.88	18.5	4.5	
Channel				461500	462500	463500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2407.5	2415	2422.5			
5	QPSK	1	1	23.10	23.15	23.06	24.0	0.0	

### FR1 n48 Hotspot On

BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dB)	MPR (dB)
				Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.		
Channel				636000	641666	647332		
Frequency (MHz)				3072	3024.99	3072.98		
40	PI2 BPSK	1	1	19.60	19.66	19.65		
40	PI2 BPSK	1	83	19.53	19.50	19.48	20.0	0.0
40	PI2 BPSK	1	104	19.54	19.58	19.47		
40	PI2 BPSK	50	0	19.34	19.35	19.34	20.0	0.0
40	PI2 BPSK	50	28	19.42	19.46	19.31	20.0	0.0
40	PI2 BPSK	50	56	19.23	19.38	19.43	20.0	0.0
40	PI2 BPSK	100	0	19.34	19.34	19.41		
40	QPSK	1	1	19.69	19.71	19.68		
40	QPSK	1	53	19.61	19.61	19.51	20.0	0.0
40	QPSK	1	104	19.84	19.68	19.44		
40	QPSK	50	0	19.46	19.52	19.47		
40	QPSK	50	28	19.51	19.55	19.41	20.0	0.0
40	QPSK	50	56	19.37	19.43	19.47		
40	QPSK	100	0	19.52	19.59	19.58	20.0	0.0
40	16QAM	1	1	19.68	19.69	19.58	20.0	0.0
40	16QAM	1	1	19.35	19.51	19.43	20.0	0.0
40	256QAM	1	1	19.69	19.58	19.58	19.5	0.5
Channel				637334	641666	646000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3050.91	3024.99	3050		
20	QPSK	1	1	19.61	19.59	19.59	20.0	0.0
Channel				637660	641666	646332	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				3058	3024.99	3054.98		
10	QPSK	1	1	19.60	19.58	19.60	20.0	0.0



Reduced Power Mode for Receive On

FR1 n25 Ant1 Receive On									
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Mid Ch. / Freq.	High Ch. / Freq.			
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	23.11	23.19	23.06	24.0	0.0	
20	PI2 BPSK	1	53	23.00	23.14	23.02			
20	PI2 BPSK	1	104	22.99	23.06	23.00			
20	PI2 BPSK	50	0	22.71	22.77	22.69	23.0	0.5	
20	PI2 BPSK	50	26	23.07	23.14	23.03	24.0	0.0	
20	PI2 BPSK	50	56	22.68	22.89	22.82	23.5	0.5	
20	PI2 BPSK	100	0	22.63	22.73	22.64			
20	QPSK	1	1	23.17	23.31	23.17	24.0	0.0	
20	QPSK	1	53	23.02	23.13	23.04			
20	QPSK	1	104	22.99	23.09	23.07			
20	QPSK	50	0	22.28	22.37	22.32	23.0	1.0	
20	QPSK	50	26	23.14	23.10	23.14	24.0	0.0	
20	QPSK	50	56	22.34	22.41	22.35	23.0	1.0	
20	QPSK	100	0	22.31	22.41	22.31			
20	16QAM	1	1	22.68	22.64	22.65	23.0	1.0	
20	16QAM	1	1	21.00	21.10	21.02	21.5	2.5	
20	256QAM	1	1	18.34	18.88	18.83	18.5	4.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	37.00	37.00	37.00	Tune-up limit (dBm)	MPR (dB)	
				189.5	192.5	192.5	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	37.00	37.00	37.00	Tune-up limit (dBm)	MPR (dB)	
				189.5	192.5	192.5	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	37.00	37.00	37.00	Tune-up limit (dBm)	MPR (dB)	
				189.5	192.5	192.5	24.0	0.0	

FR1 n30 Ant1 Receive On									
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Mid Ch. / Freq.	High Ch. / Freq.			
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	23.18	23.25	23.16	24.0	0.0	
10	PI2 BPSK	1	26	23.08	23.19	23.09			
10	PI2 BPSK	1	50	23.05	23.14	23.05			
10	PI2 BPSK	25	0	22.78	22.87	22.78	23.5	0.5	
10	PI2 BPSK	25	14	23.11	23.19	23.12	24.0	0.0	
10	PI2 BPSK	25	27	22.73	22.79	22.89	23.5	0.5	
10	PI2 BPSK	50	0	22.73	22.81	22.73			
10	QPSK	1	1	23.26	23.32	23.25	24.0	0.0	
10	QPSK	1	26	23.09	23.16	23.10			
10	QPSK	1	50	23.05	23.15	23.05			
10	QPSK	25	0	22.36	22.44	22.38	23.0	1.0	
10	QPSK	25	14	23.19	23.08	23.19	24.0	0.0	
10	QPSK	25	27	22.42	22.49	22.42	23.0	1.0	
10	QPSK	50	0	22.40	22.46	22.41			
10	16QAM	1	1	22.63	22.72	22.65	23.0	1.0	
10	16QAM	1	1	21.10	21.19	21.10	21.5	2.5	
10	256QAM	1	1	18.89	19.35	19.30	19.5	4.5	
Channel									
Frequency (MHz)									
5	QPSK	1	1	46.90	46.90	46.90	Tune-up limit (dBm)	MPR (dB)	
				239.5	241.0	241.0	24.0	0.0	



### FR1 n48

Channel	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				63900	64996	66092		
Frequency (MHz)				3070	3094.99	3079.98		
40	PI2 BPSK	1	1	23.58	23.61	23.59		
40	PI2 BPSK	1	53	23.95	23.91	23.92	24.0	0.0
40	PI2 BPSK	1	104	23.40	23.54	23.44		
40	PI2 BPSK	50	0	23.97	23.93	23.96	23.5	0.5
40	PI2 BPSK	50	26	23.49	23.54	23.44	24.0	0.0
40	PI2 BPSK	50	56	23.90	23.79	23.92		
40	PI2 BPSK	100	0	23.96	23.41	23.54	23.5	0.5
40	DPSK	1	1	23.64	23.72	23.65		
40	DPSK	1	53	23.99	23.60	23.58	24.0	0.0
40	DPSK	1	104	23.97	23.82	23.92		
40	DPSK	50	0	23.46	23.54	23.45		
40	DPSK	50	26	23.90	23.95	23.49	24.0	0.0
40	DPSK	50	56	23.41	23.49	23.43		
40	DPSK	100	0	23.72	23.81	22.78	23.0	1.0
40	16QAM	1	1	22.97	23.92	22.99	23.0	1.0
40	16QAM	1	1	21.95	21.46	21.99	21.5	2.5
40	16QAM	1	1	19.25	19.91	19.24	19.5	4.5
Channel				637334	641696	646000	Tune-up limit	MPR
Frequency (MHz)				3090.01	3094.99	3099	(dBm)	(dB)
20	DPSK	1	1	23.99	23.80	23.99	24.0	0.0
Channel				639000	64996	66092	Tune-up limit	MPR
Frequency (MHz)				3095	3094.99	3094.98	(dBm)	(dB)
10	DPSK	1	1	23.95	23.82	23.98	24.0	0.0



Reduced Power Mode for Receive Off

FR1 n25 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37200	37600	38000			
Frequency (MHz)				1860	1865	1900			
20	PI2 BPSK	1	1	23.11	23.19	23.06			
20	PI2 BPSK	1	50	23.00	23.15	23.00	24.0		0.0
20	PI2 BPSK	1	104	22.99	23.06	23.09			
20	PI2 BPSK	50	0	22.71	22.77	22.69	23.5		0.5
20	PI2 BPSK	50	26	22.97	23.14	23.03	24.0		0.5
20	PI2 BPSK	50	56	22.88	22.89	22.62	23.5		0.5
20	PI2 BPSK	100	0	22.63	22.73	22.64			
20	QPSK	1	1	23.17	23.31	23.17			
20	QPSK	1	53	22.92	23.13	22.94	24.0		0.0
20	QPSK	1	104	22.99	23.05	22.97			
20	QPSK	50	0	22.28	22.37	22.32	23.0		1.0
20	QPSK	50	26	22.14	22.13	22.14	24.0		0.0
20	QPSK	50	56	22.34	22.41	22.35	23.0		1.0
20	QPSK	100	0	22.21	22.41	22.21			
20	HDAM	1	1	21.90	21.90	21.92	21.5		2.5
20	HDAM	1	1	18.84	18.85	18.83	19.5		4.5
Channel				371500	376000	381000			
Frequency (MHz)				1892.5	1892.5	1892.5			
15	PI2 BPSK	1	1	23.05	23.14	23.02	24.0		0.0
Channel				371000	376000	380000			
Frequency (MHz)				1892.5	1892.5	1892.5			
10	PI2 BPSK	1	1	23.08	23.11	23.08	24.0		0.0
Channel				371000	376000	380000			
Frequency (MHz)				1892.5	1892.5	1892.5			
5	PI2 BPSK	1	1	23.01	23.06	23.02	24.0		0.0

FR1 n30 Ant1 Receive Off									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				40200	40200	40200			
Frequency (MHz)				2150	2150	2150			
10	PI2 BPSK	1	1	23.18	23.25	23.16			
10	PI2 BPSK	1	26	23.09	23.11	23.09	24.0		0.0
10	PI2 BPSK	1	50	23.05	23.14	23.05			
10	PI2 BPSK	25	0	22.78	22.87	22.76	23.5		0.5
10	PI2 BPSK	25	44	23.13	23.15	23.12	24.0		0.5
10	PI2 BPSK	25	27	22.73	22.79	22.69	23.5		0.5
10	PI2 BPSK	50	0	22.73	22.81	22.73			
10	QPSK	1	1	23.26	23.32	23.25			
10	QPSK	1	26	23.08	23.16	23.10	24.0		0.0
10	QPSK	1	50	23.05	23.15	23.05			
10	QPSK	25	0	22.36	22.44	22.38	23.0		1.0
10	QPSK	25	44	23.15	23.25	23.19	24.0		0.0
10	QPSK	25	27	22.42	22.42	22.42	23.0		1.0
10	QPSK	50	0	22.40	22.48	22.41			
10	HDAM	1	1	21.65	21.72	21.65	23.0		1.0
10	HDAM	1	1	21.10	21.19	21.10	21.5		2.5
10	HDAM	1	1	18.89	18.95	18.88	19.5		4.5
Channel				401500	402000	402500			
Frequency (MHz)				2150	2150	2150			
5	QPSK	1	1	23.10	23.10	23.00	24.0		0.0



### FR1 n48 Receive Off

Channel	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPRR (dB)
Channel				63000	64000	64000		
Frequency (MHz)				3070	3034.99	3070.98		
40	P12 BPSK	1	1	20.56	20.65	20.49		
40	P12 BPSK	1	53	20.51	20.45	20.47	21.0	0.0
40	P12 BPSK	1	104	20.40	20.45	20.44		
40	P12 BPSK	50	9	20.48	20.54	20.42	21.0	0.0
40	P12 BPSK	50	28	20.45	20.56	20.48	21.0	0.0
40	P12 BPSK	50	50	20.44	20.45	20.39	21.0	0.0
40	P12 BPSK	100	0	20.45	20.53	20.51		
40	QPSK	1	1	20.58	20.81	20.74		
40	QPSK	1	53	20.55	20.60	20.55	21.0	0.0
40	QPSK	1	104	20.52	20.59	20.48		
40	QPSK	50	9	20.52	20.69	20.57		
40	QPSK	50	28	20.52	20.71	20.51	21.0	0.0
40	QPSK	50	50	20.52	20.59	20.48		
40	QPSK	100	0	20.50	20.62	20.60	21.0	0.0
40	16QAM	1	1	20.47	20.69	20.46	21.0	0.0
40	16QAM	1	1	20.44	20.68	20.47	21.0	0.0
40	256QAM	1	1	19.25	19.31	19.24	19.5	1.5
Channel				63734	64166	64600	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				350.01	354.99	359		
Channel				63100	64166	64600	Tune-up limit (dBm)	MPRR (dB)
Frequency (MHz)				355	354.99	354.98		
10	QPSK	1	1	23.55	23.62	23.58	21.0	0.0