

Spot Check WWAN Power

Head

Band 13(700MHz Band) Part 27F								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq. 23230	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				782			23.5	0
Frequency (MHz)				782				
20	QPSK	1	0		22.09			

Hotspot&Body worn

Band 13(700MHz Band) Part 27F								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq. 23230	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				782			23.5	0
Frequency (MHz)				782				
20	QPSK	1	0		22.09			

LTE Band 42 Full Power												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low-Middle Ch. / Freq	Power High-Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel				42190	42890	43000	43490					
Frequency (MHz)				3460	3509	3541	3590					
20	QPSK	1	0	19.90	19.90	20.03	20.03	20.5	0			
20	QPSK	1	49	19.83	19.90	20.04	19.97					
20	QPSK	1	99	19.84	19.89	20.01	19.92					
20	QPSK	50	0	18.90	18.87	19.02	19.00					
20	QPSK	50	24	18.88	18.79	18.93	18.86	19.5	1			
20	QPSK	50	60	18.78	18.77	19.00	18.88					
20	QPSK	100	0	18.97	18.80	19.01	18.97					
20	16QAM	1	0	18.93	18.89	18.92	18.93					
20	16QAM	1	49	18.85	19.70	18.93	18.93	19.5	1			
20	16QAM	1	99	18.83	18.81	18.93	18.90					
20	16QAM	50	0	17.94	17.89	17.96	17.95					
20	16QAM	50	24	17.87	17.83	17.97	17.86					
20	16QAM	25	0	17.88	17.79	17.96	17.90	18.5	2			
20	16QAM	50	0	17.88	17.68	17.91	17.91					
Channel				42185	42870	43010	43515					
Frequency (MHz)				34575	3508	3542	3592.2					
15	QPSK	1	0	19.70	19.77	19.99	19.87	20.5	0			
15	QPSK	1	37	19.68	19.66	19.91	19.74					
15	QPSK	1	74	19.62	19.74	19.90	19.70					
15	QPSK	36	0	18.78	18.76	18.87	18.84					
15	QPSK	36	20	18.61	18.82	18.71	18.71	19.5	1			
15	QPSK	36	36	18.53	18.60	18.76	18.75					
15	QPSK	75	0	18.84	18.57	18.83	18.75					
15	16QAM	1	0	18.78	18.59	18.73	18.83					
15	16QAM	1	37	18.74	18.58	18.72	18.67	19.5	1			
15	16QAM	1	74	18.63	18.63	18.70	18.72					
15	16QAM	36	0	17.81	17.89	17.70	17.74					
15	16QAM	36	20	17.67	17.61	17.79	17.64					
15	16QAM	36	36	17.72	17.57	17.85	17.68	18.5	2			
15	16QAM	75	0	17.78	17.50	17.67	17.71					
Channel				42140	42660	43015	43560					
Frequency (MHz)				3455	3907.4	3543.5	3995					
10	QPSK	1	0	19.67	19.74	19.86	19.82	20.5	0			
10	QPSK	1	25	19.72	19.74	19.79	19.72					
10	QPSK	1	49	19.73	19.71	19.77	19.78					
10	QPSK	25	0	18.65	18.75	18.88	18.78					
10	QPSK	25	12	18.76	18.56	18.73	18.76	19.5	1			
10	QPSK	25	25	18.66	18.54	18.77	18.74					
10	QPSK	50	0	18.85	18.91	18.90	18.91					
10	16QAM	1	0	18.71	18.45	18.71	18.78					
10	16QAM	1	25	18.69	18.54	18.77	18.60	19.5	1			
10	16QAM	1	49	18.68	18.63	18.75	18.79					
10	16QAM	25	0	17.80	17.56	17.68	17.78					
10	16QAM	25	12	17.67	17.63	17.77	17.69					
10	16QAM	25	25	17.71	17.56	17.71	17.72	18.5	2			
10	16QAM	50	0	17.70	17.46	17.77	17.67					
Channel				42115	42690	43000	43555					
Frequency (MHz)				3452.5	3907	3543	3997.5					
5	QPSK	1	0	19.78	19.79	19.97	19.86	20.5	0			
5	QPSK	1	12	19.68	19.70	19.86	19.86					
5	QPSK	1	24	19.61	19.78	19.83	19.79					
5	QPSK	12	0	18.66	18.64	18.92	18.89					
5	QPSK	12	7	18.76	18.67	18.74	18.65	19.5	1			
5	QPSK	12	13	18.55	18.59	18.81	18.76					
5	QPSK	25	0	18.81	18.69	18.79	18.84					
5	16QAM	1	0	18.76	18.45	18.78	18.79					
5	16QAM	1	12	18.74	18.53	18.69	18.73	19.5	1			
5	16QAM	1	24	18.70	18.69	18.79	18.71					
5	16QAM	12	0	17.71	17.48	17.71	17.76					
5	16QAM	12	7	17.64	17.60	17.79	17.68					
5	16QAM	12	13	17.71	17.66	17.84	17.73	18.5	2			
5	16QAM	25	0	17.75	17.49	17.74	17.78					

LTE Band 42 Down power											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low-Middle Ch. / Freq	Power High-Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				42190	42880	43000	43490				
Frequency (MHz)				3460	3509	3541	3590				
20	QPSK	1	0	17.10	17.21	17.23	17.18	17.5	0		
20	QPSK	1	49	17.09	17.11	17.18	17.11				
20	QPSK	1	99	17.09	17.08	17.17	17.08				
20	QPSK	50	0	17.10	17.11	17.19	17.13				
20	QPSK	50	24	16.98	16.99	17.09	17.02	17.5	0		
20	QPSK	50	60	17.06	17.03	17.13	17.08				
20	QPSK	100	0	17.10	17.05	17.15	17.09				
20	16QAM	1	0	17.05	17.01	17.16	17.08				
20	16QAM	1	49	17.01	17.03	17.14	17.08	17.5	0		
20	16QAM	1	99	17.04	17.12	17.18	17.12				
20	16QAM	50	0	17.05	16.95	17.10	16.98				
20	16QAM	50	24	17.05	16.97	17.11	16.97				
20	16QAM	25	0	17.03	17.08	17.15	17.08	17.5	0		
20	16QAM	100	0	17.09	17.04	17.17	17.11				
Channel				42185	42870	43010	43515			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				34515	3508	3542	3592.5				
15	QPSK	1	0	17.02	17.12	17.14	17.10	17.5	0		
15	QPSK	1	37	16.95	17.04	17.13	17.04				
15	QPSK	1	74	17.01	16.96	17.10	16.93				
15	QPSK	36	0	17.02	17.00	17.09	17.03				
15	QPSK	36	20	16.94	16.87	16.97	16.94	17.5	0		
15	QPSK	36	36	16.97	16.88	17.05	16.96				
15	QPSK	75	0	16.97	16.97	17.09	17.01				
15	16QAM	1	0	16.91	16.93	17.03	16.97				
15	16QAM	1	37	16.89	16.90	17.06	16.97	17.5	0		
15	16QAM	1	74	16.91	17.00	17.11	17.00				
15	16QAM	36	0	16.97	16.84	17.05	16.91				
15	16QAM	36	20	16.97	16.96	16.97	16.96				
15	16QAM	36	36	16.91	16.94	17.04	16.98	17.5	0		
15	16QAM	75	0	16.99	16.98	17.06	17.00				
Channel				42140	42665	43015	43560			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3907.5	3543.5	3995				
10	QPSK	1	0	17.02	17.08	17.12	17.07	17.5	0		
10	QPSK	1	25	16.97	17.00	17.08	16.98				
10	QPSK	1	49	16.97	16.94	17.10	16.97				
10	QPSK	25	0	17.02	17.02	17.05	17.02				
10	QPSK	25	12	16.85	16.89	17.03	16.88	17.5	0		
10	QPSK	25	25	16.91	16.92	17.04	16.98				
10	QPSK	50	0	17.03	17.06	17.06	17.01				
10	16QAM	1	0	16.92	16.92	17.05	16.94				
10	16QAM	1	25	16.91	16.97	16.99	16.97	17.5	0		
10	16QAM	1	49	16.85	17.06	17.05	17.04				
10	16QAM	25	0	16.98	16.85	16.99	16.90				
10	16QAM	25	12	16.94	16.87	16.96	16.85				
10	16QAM	25	25	16.93	17.02	17.02	17.01	17.5	0		
10	16QAM	50	0	17.03	16.91	17.07	17.02				
Channel				42115	42660	43000	43555			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3907.5	3543	3997.5				
5	QPSK	1	0	17.04	17.15	17.17	17.12	17.5	0		
5	QPSK	1	12	16.98	17.03	17.06	17.05				
5	QPSK	1	24	16.95	16.94	17.08	16.91				
5	QPSK	12	0	17.01	16.99	17.13	17.04				
5	QPSK	12	7	16.92	16.91	16.98	16.88	17.5	0		
5	QPSK	12	13	16.96	16.90	17.01	17.00				
5	QPSK	25	0	16.99	16.93	17.08	17.04				
5	16QAM	1	0	16.99	16.92	17.08	17.01				
5	16QAM	1	12	16.89	16.90	17.02	16.97	17.5	0		
5	16QAM	1	24	16.92	17.00	17.04	17.04				
5	16QAM	12	0	16.91	16.93	16.99	16.86				
5	16QAM	12	7	16.94	16.85	16.97	16.84				
5	16QAM	12	13	16.88	16.94	17.02	16.98	17.5	0		
5	16QAM	25	0	16.99	16.92	17.05	17.03				