

(DS10)

LTE Band 2 (An2)										
BW (MHz)	Modulation	RB Size	RB Offset	Low	High	MPE (dB)	Max. Turn-up (dBm)	RB Size	RB Offset	
		Channel Frequency (MHz)	1880.5	1890.5	1900.5				Channel Frequency (MHz)	
20	QPSK	1	0	24.83	24.88	24.82	0	25.5	1	
		1	99	24.76	24.73	24.75	0	25.5	1	
		50	0	23.73	23.88	23.88	1	24.5	50	
		50	25	23.87	23.90	23.71	1	24.5	50	
		100	0	23.82	23.98	23.83	1	24.5	100	
	16QAM	1	50	23.97	24.15	23.79	1	24.5	1	
		50	25	22.97	23.02	22.80	2	23.5	50	
		50	25	22.88	22.92	22.75	2	23.5	50	
		100	0	22.98	23.01	22.85	2	23.5	100	
		1	0	23.20	23.19	22.96	2	23.5	1	
60	QPSK	1	0	23.20	23.19	22.96	2	23.5	1	
		1	99	23.18	22.83	22.84	2	23.5	1	
		50	25	22.88	22.86	22.78	2	23.5	50	
		50	25	22.80	22.82	22.68	2	23.5	50	
		100	0	22.98	23.00	22.85	2	23.5	100	
	16QAM	1	0	23.20	23.19	22.96	2	23.5	1	
		1	99	23.18	22.83	22.84	2	23.5	1	
		50	25	22.88	22.86	22.78	2	23.5	50	
		50	25	22.80	22.82	22.68	2	23.5	50	
		100	0	22.98	23.00	22.85	2	23.5	100	
250	QPSK	1	0	19.83	20.13	19.87	5	20.5	1	
		1	50	19.88	19.96	19.81	5	20.5	1	
		1	99	19.97	20.06	19.78	5	20.5	1	
		50	0	18.80	19.91	19.80	5	20.5	50	
		50	25	19.87	19.93	19.76	5	20.5	50	
	16QAM	50	25	19.80	19.91	19.73	5	20.5	50	
		100	0	20.01	19.84	19.80	5	20.5	100	
		1	0	19.87	19.85	19.85	5	20.5	1	
		1	50	19.88	19.96	19.81	5	20.5	50	
		1	99	19.97	20.06	19.78	5	20.5	1	
BW (MHz)	Modulation	Channel	1880.5	1890.5	1900.5	MPE (dB)	Turn-up (dBm)			
		Frequency (MHz)	1885	1895	1905					
		1	0	24.69	24.77	24.70	0	25.5	1	
		1	37	24.75	24.77	24.80	0	25.5	1	
		1	74	24.59	24.61	24.62	0	25.5	1	
		36	0	23.91	23.92	23.79	1	24.5	36	
		36	19	24.06	23.72	23.83	1	24.5	36	
		36	39	23.90	23.84	23.68	1	24.5	36	
		75	0	23.88	23.89	23.68	1	24.5	75	
		1	0	23.92	24.01	23.86	1	24.5	1	
5	QPSK	1	37	23.95	24.34	23.66	1	24.5	1	
		1	74	23.91	23.84	23.41	1	24.5	1	
		36	0	22.85	22.83	22.72	2	23.5	36	
		36	19	22.85	22.69	22.78	2	23.5	36	
		36	39	22.98	22.70	22.70	2	23.5	36	
	16QAM	75	0	22.88	22.84	22.74	2	23.5	75	
		1	0	22.10	22.04	21.84	2	23.5	1	
		1	37	22.86	23.13	22.80	2	23.5	1	
		1	74	22.11	22.79	22.08	2	23.5	1	
		36	19	21.99	21.87	21.71	3	22.5	36	
10	QPSK	36	19	21.99	21.87	21.71	3	22.5	36	
		36	39	21.86	21.90	21.65	3	22.5	36	
		75	0	21.86	21.78	21.78	3	22.5	75	
		1	0	19.80	20.01	19.85	5	20.5	1	
		1	37	19.83	19.80	19.78	5	20.5	1	
	16QAM	1	74	19.87	19.87	19.86	5	20.5	1	
		36	0	19.66	19.64	19.76	5	20.5	36	
		36	19	19.55	19.61	19.67	5	20.5	36	
		36	39	19.64	19.60	19.70	5	20.5	36	
		75	0	19.89	19.73	19.72	5	20.5	75	
20	Modulation	Channel	1880.5	1890.5	1900.5	MPE (dB)	Turn-up (dBm)			
		Frequency (MHz)	1885	1895	1905					
		1	24	24.71	24.64	24.75	0	25.5	1	
		1	49	24.63	24.61	24.67	0	25.5	1	
		25	0	23.85	23.92	23.70	1	24.5	25	
		25	12	23.96	23.78	23.78	1	24.5	25	
		25	25	23.88	23.87	23.62	1	24.5	25	
		50	0	23.87	23.87	23.79	1	24.5	50	
		1	0	24.02	24.03	23.92	1	24.5	1	
		1	24	23.92	24.23	23.69	1	24.5	1	
15	QPSK	1	0	24.02	24.03	23.92	1	24.5	1	
		1	24	23.92	24.23	23.69	1	24.5	1	
		1	49	23.96	23.92	23.70	2	23.5	1	
		25	0	22.88	22.86	22.70	2	23.5	25	
		25	12	22.99	22.80	22.74	2	23.5	25	
	16QAM	25	25	22.89	22.80	22.67	2	23.5	25	
		50	0	22.92	22.83	22.77	2	23.5	50	
		1	0	22.10	22.11	22.08	2	23.5	1	
		1	24	22.92	23.02	23.11	2	23.5	1	
		1	49	22.95	22.72	22.63	2	23.5	1	
60	QPSK	25	0	21.87	21.82	21.60	2	23.5	25	
		25	12	22.01	21.87	21.67	3	22.5	25	
		25	25	21.85	21.87	21.66	3	22.5	25	
		50	0	21.84	21.74	21.78	3	22.5	50	
		1	0	19.86	20.03	19.73	5	20.5	1	
	16QAM	1	49	19.87	19.85	19.87	5	20.5	1	
		1	49	19.92	20.03	19.87	5	20.5	1	
		25	0	19.73	19.80	19.80	5	20.5	25	
		25	12	19.84	19.81	19.67	5	20.5	25	
		25	25	19.98	19.80	19.58	5	20.5	25	
250	Modulation	Channel	1880.5	1890.5	1900.5	MPE (dB)	Turn-up (dBm)			
		Frequency (MHz)	1885	1895	1905					
		1	24	24.71	24.64	24.75	0	25.5	1	
		1	12	24.66	24.68	24.78	0	25.5	1	
		1	24	24.66	24.62	24.61	0	25.5	1	
		12	0	23.93	23.95	23.75	1	24.5	12	
		12	6	23.98	23.79	23.70	1	24.5	12	
		12	13	23.85	23.88	23.64	1	24.5	12	
		25	0	23.96	23.87	23.77	1	24.5	25	
		1	0	23.90	24.07	23.87	1	24.5	1	
5	QPSK	1	12	23.94	24.32	23.65	1	24.5	1	
		1	24	23.90	23.82	23.50	1	24.5	1	
		12	0	22.90	22.91	22.71	2	23.5	12	
		12	6	22.98	22.84	22.73	2	23.5	12	
		12	13	23.00	22.83	22.76	2	23.5	12	
	16QAM	25	0	22.93	22.85	22.70	2	23.5	25	
		1	0	21.08	21.10	21.05	0	23.5	1	
		1	12	22.94	23.09	23.21	2	23.5	1	
		1	24	23.13	22.72	22.82	2	23.5	1	
		1	12	21.80	21.87	21.78	3	22.5	1	
10	QPSK	12	6	21.85	21.81	21.80	3	22.5	12	
		12	13	21.81	21.83	21.71	3	22.5	12	
		25	0	21.94	21.72	21.73	3	22.5	25	
		1	0	19.86	20.10	19.83	5	20.5	1	
		1	12	19.84	19.86	19.77	5	20.5	1	
	16QAM	1	24	19.93	19.92	19.82	5	20.5	1	
		12	0	19.79	19.80	19.80	5	20.5	12	
		12	6	19.85	19.86	19.88	5	20.5	12	
		12	13	19.86	19.85	19.83	5	20.5	12	
		25	0	19.79	19.79	19.67	5	20.5	25	
20	Modulation	Channel	1880.5	1890.5	1900.5	MPE (dB)	Turn-up (dBm)			
		Frequency (MHz)	1885	1895	1905					
		1	0	24.69	24.79	24.78	0	25.5	1	
		1	24	24.69	24.74	24.78	0	25.5	1	
		1	74	24.59	24.61	24.62	0	25.5	1	
		8	0	23.87	23.87	23.72	1	24.5	8	
		8	3	23.95	23.76	23.71	1	24.5	8	
		8	7	23.94	23.79	23.68	1	24.5	8	
		13	0	23.89	23.82	23.74	1	24.5	13	
		1	0	23.22	23.24	23.05	2	23.5	1	
15	QPSK	1	7	23.89	23.81	23.78	1	24.5	1	
		1	14	23.84	23.74	23.68	1	24.5	1	
		3	0	22.87	22.90	22.70	2	23.5	3	
		3	22.80	22.87	22.72	2	23.5	3		
		22	0	22.82	22.71	22.53	2	23.5	22	
	16QAM	15	0	22.99	22.83	22.76	2	23.5	15	
		1	0	21.18	21.16	20.92	2	23.5	1	
		1	25	22.94	23.00	22.83	2	23.5	1	
		1	14	23.03	22.77	22.54	2	23.5	1	
		8	3	22.88	22.78	22.60	2	23.5	8	
60	QPSK	8	3	22.85	22.78	22.60	2	23.5	8	
		8	7	22.95	22.82	22.72	2	23.5	8	
		1	0	21.93	21.85	21.73	3	22.5	1	
		1	25	21.85	21.77	21.67	3	22.5	1	
		8	7	21.83	20.60	19.88	5	20.5	8	
	16QAM	1	14	19.88	19.94	19.65	5	20.5	1	
		8	0	19.73	19.82	19.81	5	20.5	8	
		8	3	19.82	19.81	19.72	5	20.5	8	
		8	7	19.87	19.81	19.69	5	20.5	8	
		15	0	20.02	19.75	19.75	5	20.5	15	
250	Modulation	Channel	1880.5	1890.5	1900.5	MPE (dB)	Turn-up (dBm)			
		Frequency (MHz)	1885	1895	1905					
		1	0	24.81	24.84	24.67	0	25.5	1	
		1	2	24.69	24.71	24.73	0	25.5	1	
		1	5	24.57	24.50	24.74	0	25.5	1	
		3	0	24.85	24.61	24.53	0	25.5	3	
		3	3	24.70	24.62	24.50	0	25.5	3	
		6	0	23.90	23.77	23.81	1	24.5	6	
		1	0	23.91	24.13	23.85	1	24.5	1	
		1	2	23.88	24.21	23.72	1	24.5	1	
3	QPSK	1	0	23.90	23.80	23.80	1	24.5	1	
		1	5	23.79	23.68	23.55	1	24.5	1	
		3	0	23.76	23.66	23.48	1	24.5	3	
		3	3	23.73	23.54	23.49	1	24.5	3	
		6	0	22.83	22.84	22.71	2	23.5	6	
	16QAM	1	0	22.17	22.10	22.03	2	23.5	1	
		1	2	22.50	23.14	23.23	2	23.5	1	
		1	5	22.15	22.75	22.81	2	23.5	1	
		3	0	22.85	22.77	22.67	2	23.5	3	
		3	1	22.82	22.79	22.67	2	23.5	3	
1.4	QPSK	6	0	21.84	21.79	21.79	3	22.5	6	
		1	0	19.95	20.08	19.88	5	20.5	1	
		1	14							

LTE Band 4 (A66)										LTE Band 4 (A66)									
BW [MHz]	Modulation	RB Size	Channel	RB Offset		Low	Mid	High	MPE	Max. Time-up (s)	RB Size	Channel	RB Offset		Low	Mid	High	MPE	Max. Time-up (s)
				Frequency (MHz)	Frequency (MHz)								Frequency (MHz)	Frequency (MHz)					
20	QPSK	5	0	24.97	24.97	24.97	24.97	0	25.3		5	0	24.97	24.97	24.97	24.97	0	25.3	
		1	50	24.65	24.83	24.81	0	25.3		1	50	24.65	24.87	24.82	0	25.3			
		1	90	24.49	24.56	24.58	24.49	24.56		1	90	24.49	24.56	24.49	24.56	24.49	24.56		
		50	0	24.61	23.83	23.81	1	24.3		50	0	23.81	23.73	23.68	1	24.3			
		50	25	23.57	23.23	23.24	1	24.3		50	25	23.37	23.70	23.68	1	24.3			
		50	50	23.95	23.82	23.84	24.1	24.3		50	50	23.95	23.82	23.84	24.1	24.3			
		100	0	24.60	23.59	23.57	1	24.3		100	0	23.71	23.66	23.59	1	24.3			
		1	0	23.92	23.84	23.86	1	24.3		1	0	23.92	23.82	23.85	1	24.3			
		1	50	24.05	23.97	23.97	23.92	23.82		1	50	24.05	23.97	23.97	23.92	23.82			
		1	99	24.16	24.16	24.16	24.1	24.3		1	99	24.16	24.16	24.16	24.1	24.3			
64QAM	5	0	23.92	23.84	23.86	1	24.3		5	0	23.92	23.84	23.86	1	24.3				
	1	50	24.05	23.97	23.97	23.92	23.82		1	50	24.05	23.97	23.97	23.92	23.82				
	1	99	24.16	24.16	24.16	24.1	24.3		1	99	24.16	24.16	24.16	24.1	24.3				
	50	0	23.87	23.97	23.98	3	22.5		50	0	23.87	23.97	23.98	3	22.5				
	50	25	22.00	22.00	22.00	2	23.3		50	25	22.00	22.00	22.00	2	23.3				
	50	50	21.97	22.10	22.12	3	22.5		50	50	21.97	22.10	22.12	3	22.5				
	100	0	23.96	23.89	23.91	5	22.5		100	0	23.96	23.89	23.91	5	22.5				
	1	50	24.01	24.04	24.04	5	20.5		1	50	24.01	24.04	24.04	5	20.5				
	1	99	24.11	24.14	24.14	5	20.5		1	99	24.11	24.14	24.14	5	20.5				
	1	0	19.87	19.94	20.02	5	20.5		1	0	19.87	19.94	20.02	5	20.5				
256QAM	5	0	25	20.00	20.00	19.98	5	20.5		5	0	25	20.00	20.00	19.98	5	20.5		
	5	0	20.00	20.04	20.07	5	20.5		5	0	20.00	20.04	20.07	5	20.5				
	5	0	20.01	20.01	19.91	5	20.5		5	0	19.98	19.98	19.95	5	20.5				
20	QPSK	5	0	24.95	24.91	24.74	0	25.3		5	0	24.95	24.91	24.55	24.46	0	25.3		
		1	57	24.93	24.88	24.73	0	25.3		1	57	24.91	24.86	24.45	0	25.3			
		1	74	24.91	24.88	24.70	0	25.3		1	74	24.89	24.86	24.45	0	25.3			
		38	0	23.93	23.83	23.82	1	24.3		38	0	23.75	23.68	23.62	1	24.3			
		38	23.83	23.83	23.68	24.1	24.3		38	23.83	23.83	23.68	24.1	24.3					
		38	39	23.83	23.77	23.71	1	24.3		38	39	23.62	23.60	23.61	1	24.3			
		73	0	23.97	23.84	23.84	1	24.3		73	0	23.68	23.63	23.66	1	24.3			
		73	0	23.90	23.81	23.81	1	24.3		73	0	23.60	23.59	23.67	1	24.3			
		1	37	23.90	23.90	23.97	1	24.3		1	37	23.78	23.72	23.82	1	24.3			
		1	74	24.14	24.16	24.18	24.1	24.3		1	74	24.14	24.16	24.18	24.1	24.3			
16QAM	38	0	22.82	22.90	22.97	2	23.3		38	0	22.76	22.68	22.70	2	23.3				
	38	19	22.90	22.87	22.97	2	23.3		38	19	22.67	22.68	22.63	2	23.3				
	38	39	22.98	23.08	23.17	2	23.3		38	39	22.70	22.69	22.63	2	23.3				
	73	0	22.95	22.95	22.91	2	23.3		73	0	22.62	22.59	22.56	2	23.3				
	1	22.97	22.99	22.96	2	23.3		1	22.92	22.91	22.76	2	23.3						
	1	22.95	22.95	22.92	2	23.3		1	22.92	22.91	22.76	2	23.3						
	1	74	23.21	23.33	23.19	2	23.3		1	74	23.22	23.29	22.68	2	23.3				
	38	19	21.95	21.85	21.88	22.5	22.5		38	19	21.65	21.69	21.62	2	23.3				
	38	19	21.91	22.04	22.17	3	22.5		38	19	21.60	21.60	21.72	3	22.5				
	38	39	21.85	22.04	22.06	3	22.5		38	39	21.60	21.55	21.62	3	22.5				
256QAM	73	0	21.91	21.95	22.08	2	23.3		73	0	21.65	21.69	21.68	2	23.3				
	1	0	19.93	19.89	20.02	5	20.5		1	0	19.81	19.89	19.71	5	20.5				
	1	74	20.07	20.12	19.98	5	20.5		1	74	19.95	19.71	19.64	5	20.5				
	38	0	19.81	19.84	19.58	5	20.5		38	0	19.65	19.54	19.67	5	20.5				
	38	19	19.88	19.88	19.88	19.87	20.5		38	19	19.61	19.61	19.65	5	20.5				
	38	39	20.03	19.97	19.95	5	20.5		38	39	19.56	19.51	19.65	5	20.5				
	73	0	19.97	19.90	19.97	5	20.5		73	0	19.55	19.58	19.62	5	20.5				
20	QPSK	5	0	24.95	24.83	24.73	0	25.3		5	0	24.70	24.54	24.55	0	25.3			
		1	24	24.91	24.89	24.70	0	25.3		1	24	24.91	24.89	24.54	0	25.3			
		1	49	24.81	24.89	24.74	0	25.3		1	49	24.63	24.49	24.34	0	25.3			
		25	12	23.85	23.93	23.78	1	24.3		25	12	23.62	23.60	23.63	1	24.3			
		25	25	23.81	23.90	23.74	1	24.3		25	25	23.62	23.68	23.67	1	24.3			
		25	0	23.93	23.84	23.84	1	24.3		25	0	23.64	23.64	23.63	1	24.3			
		1	0	23.85	23.81	23.71	1	24.3		1	0	23.69	23.78	23.83	1	24.3			
		1	24	23.91	23.90	23.96	1	24.3		1	24	23.87	23.89	23.76	1	24.3			
		1	49	24.02	24.03	23.98	24.1	24.3		1	49	24.02	24.03	23.98	24.1	24.3			
		25	0	22.73	22.85	22.97	2	23.3		25	0	22.70	22.68	22.73	2	23.3			
16QAM	25	0	22.73	22.85	22.97	2	23.3		25	0	22.62	22.62	22.68	2	23.3				
	25	25	22.99	23.03	22.89	2	23.3		25	25	22.62	22.64	22.69	2	23.3				
	50	0	22.90	23.00	22.97	2	23.3		50	0	22.60	22.58	22.67	2	23.3				
	50	25	22.97	23.07	22.97	2	23.3		50	25	22.62	22.62	22.67	2	23.3				
	1	24	22.92	23.04	22.94	2	23.3		1	24	22.74	22.79	22.70	2	23.3				
	49	24	23.17	23.29	23.20	2	23.3		49	24	22.74	22.79	22.70	2	23.3				
	25	12	21.92	22.04	21.98	3	22.5		25	12	21.74	22.70	21.61	3	22.5				
	25	25	21.96	22.06	22.05	3	22.5		25	25	21.68	21.69	21.65	3	22.5				
	50	0	21.84	21.82	21.89	3	22.5		50	0	21.64	21.67	21.69	3	22.5				
	1	0	19.91	19.96	19.96	5	20.5		1	0	19.80	19.79	19.76	5	20.5				
256QAM	1	24	19.91	19.96	19.96	5	20.5		1	24	19.80	19.79	19.76	5	20.5				
	1	49	20.03	20.20	20.24	5	20.5		1	49	19.71	19.71	19.67	5	20.5				
	25	12	19.87	19.87	19.80	5	20.5		25	12	19.63	19.63	19.65	5	20.5				
	25	12	19.86	19.91	19.89	5	20.5		25	12	19.66	19.55	19.62	5	20.5				
	25	25	20.05	19.97	19.99	5	20.5		25	25	19.60	19.61	19.59	5	20.5				
	50	0	19.97	19.88	19.88	5	20.5		50	0	19.88	19.88	19.85	5	20.5				
20	QPSK	5	0	24.91	24.91	24.74	0	25.3		5	0	24.58	24.38	24.42	0	25.3			
		1	24	24.93	24.90	24.68	0	25.3		1	24	24.61	24.56	24.33	0	25.3			
		1	25	23.82	23.81	23.78	1	24.3		1	25	23.76	23.81	23.81	1	24.3			
		12	6	23.86	23.81	23.77	1	24.3		12	6	23.64	23.66	23.65	1	24.3			
		12	13	23.81	23.81	23.81	24.3	24.3		12	13	23.63	23.63	23.63	24.3	24.3			
		25	0	23.97	23.94	23.77	1	24.3		25	0	23.62	23.69	23.47	1	24.3			
		1	0	23.80	23.82	23.86	1	24.3		1	0	23.64	23.80	23.84	1	24.3			
		1	12	23.93	23.90	23.90	24.3	24.3		1	12	23.87							

(DS10)

LTE Band 5 (Ant2)											
BW (MHz)	Modulation	Channel Frequency (MHz)	RB Size		Low		High		MPE (dB)	Max. Turn-up (dBm)	Max. Turn-down (dBm)
			2040	2045	2050	2055	2060	2065			
10	QPSK	1	0	23.24	23.43	23.63	0	25.5			
		1	24	24.46	24.72	24.87	0	25.5			
		1	48	24.59	24.63	24.65	0	25.5			
		25	0	23.71	23.82	23.78	1	24.5			
		25	12	23.65	23.78	23.75	1	24.5			
	16QAM	25	25	23.53	23.57	23.54	1	24.5			
		50	0	23.65	23.77	22.75	2	23.5			
		1	0	23.58	24.08	24.13	1	24.5			
		1	24	24.01	23.99	23.97	2	23.5			
		25	0	22.83	22.75	22.74	2	23.5			
5	QPSK	1	0	23.27	23.46	23.67	0	25.5			
		12	6	23.44	23.67	23.61	1	24.5			
		12	13	23.51	23.66	23.70	1	24.5			
		25	0	23.61	23.69	23.70	1	24.5			
		1	0	23.88	23.98	23.99	1	24.5			
	16QAM	1	24	23.81	23.88	23.91	1	24.5			
		12	6	22.84	22.82	22.82	2	23.5			
		12	13	22.69	22.74	22.85	2	23.5			
		25	0	22.88	22.82	22.84	2	23.5			
		1	0	22.83	22.92	22.94	2	23.5			
3	QPSK	1	0	24.42	24.57	24.51	0	25.5			
		1	7	24.32	24.68	24.64	0	25.5			
		1	14	24.48	24.49	24.47	0	25.5			
		8	0	23.68	23.78	23.65	1	24.5			
		8	3	23.64	23.66	23.65	1	24.5			
	16QAM	8	7								

(DS10)

LTE Band 12 (AnTt)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Turn-up (dBm)	
		Channel Frequency (MHz)	23064	23065	23130	23131			
			704	705	711	712			
10	QPSK	1	0	24.84	24.83	24.83	0	25.5	
		1	24	24.87	24.82	24.83	0	25.5	
		1	49	24.87	24.86	24.83	0	25.5	
		25	0	23.59	23.51	23.62	1	24.5	
		25	12	23.66	23.69	23.65	1	24.5	
		25	25	23.62	23.59	23.63	1	24.5	
	16QAM	1	0	23.85	23.88	24.00	1	24.5	
		1	24	23.45	23.79	23.78	1	24.5	
		1	49	23.79	23.74	23.80	1	24.5	
		25	0	22.55	22.51	22.59	2	23.5	
		25	12	22.66	22.68	22.68	2	23.5	
		25	25	22.59	22.61	22.58	2	23.5	
	64QAM	1	0	22.86	22.74	22.89	2	23.5	
		1	24	22.83	22.89	22.93	2	23.5	
		1	49	22.75	22.67	22.63	2	23.5	
		25	0	21.53	21.55	21.62	3	22.5	
		25	12	21.68	21.65	21.68	3	22.5	
		25	25	21.64	21.64	21.68	3	22.5	
	256QAM	1	0	21.80	21.80	21.70	3	22.5	
		1	0	19.70	19.69	19.72	5	20.5	
		1	24	19.73	19.62	19.71	5	20.5	
		1	49	19.57	19.64	19.58	5	20.5	
		25	0	19.61	19.51	19.58	5	20.5	
		25	12	19.65	19.64	19.71	5	20.5	
5	QPSK	1	0	23.85	23.88	24.00	1	24.5	
		1	24	23.45	23.79	23.78	1	24.5	
		1	49	23.79	23.74	23.80	1	24.5	
		12	8	23.59	23.50	23.59	1	24.5	
		12	13	23.48	23.58	23.51	1	24.5	
		25	0	23.48	23.59	23.63	1	24.5	
	16QAM	1	0	23.79	23.88	23.90	1	24.5	
		1	12	23.41	23.59	23.71	1	24.5	
		1	24	23.77	23.71	23.73	1	24.5	
		12	8	22.48	22.59	22.48	2	23.5	
		12	6	22.57	22.53	22.65	2	23.5	
		12	13	22.48	22.49	22.48	2	23.5	
	64QAM	1	0	22.56	22.64	22.57	2	23.5	
		1	0	22.55	22.65	22.63	2	23.5	
		1	12	22.81	22.81	22.89	2	23.5	
		1	24	22.72	22.67	22.48	2	23.5	
		12	0	21.51	21.45	21.49	3	22.5	
		12	6	21.64	21.58	21.67	3	22.5	
	256QAM	1	0	21.62	21.63	21.51	3	22.5	
		25	0	21.54	21.56	21.61	3	22.5	
		1	0	19.64	19.53	19.60	5	20.5	
		1	12	19.70	19.58	19.67	5	20.5	
		1	24	19.55	19.54	19.54	5	20.5	
		12	0	19.52	19.57	19.49	5	20.5	
3	QPSK	1	0	24.74	24.61	24.57	0	25.5	
		1	7	24.62	24.60	24.54	0	25.5	
		1	14	24.56	24.51	24.47	0	25.5	
		8	0	23.47	23.39	23.48	1	24.5	
		8	3	23.60	23.58	23.55	1	24.5	
		8	7	23.64	23.50	23.54	1	24.5	
	16QAM	1	0	23.54	23.50	23.49	1	24.5	
		1	0	23.73	23.69	23.64	1	24.5	
		1	7	23.37	23.33	23.64	1	24.5	
		1	14	23.16	23.61	23.76	1	24.5	
		8	0	22.51	22.47	22.47	2	23.5	
		8	3	22.56	22.56	22.56	2	23.5	
	64QAM	1	0	22.48	22.52	22.48	2	23.5	
		1	0	22.54	22.62	22.52	2	23.5	
		1	0	22.55	22.66	22.84	2	23.5	
		1	7	22.68	22.63	22.81	2	23.5	
		1	14	22.67	22.62	22.50	2	23.5	
		8	0	21.46	21.54	21.53	3	22.5	
	256QAM	8	3	21.58	21.57	21.61	3	22.5	
		8	7	21.55	21.49	21.55	3	22.5	
		15	0	21.62	21.61	21.65	3	22.5	
		1	0	19.64	19.62	19.64	5	20.5	
		1	7	19.67	19.60	19.67	5	20.5	
		1	14	19.48	19.54	19.45	5	20.5	
1.4	QPSK	1	0	23.85	23.88	24.00	1	24.5	
		1	24	23.45	23.79	23.78	1	24.5	
		1	49	23.79	23.74	23.80	1	24.5	
		12	8	23.59	23.50	23.59	1	24.5	
		12	13	23.48	23.58	23.51	1	24.5	
		25	0	23.48	23.59	23.63	1	24.5	
	16QAM	1	0	23.79	23.88	23.90	1	24.5	
		1	12	23.41	23.59	23.71	1	24.5	
		1	24	23.77	23.71	23.73	1	24.5	
		12	8	22.48	22.59	22.48	2	23.5	
		12	6	22.57	22.53	22.65	2	23.5	
		12	13	22.48	22.49	22.48	2	23.5	
	64QAM	1	0	22.56	22.64	22.57	2	23.5	
		1	0	22.55	22.65	22.63	2	23.5	
		1	12	22.81	22.81	22.89	2	23.5	
		1	24	22.72	22.67	22.48	2	23.5	
		12	0	21.51	21.45	21.49	3	22.5	
		12	6	21.64	21.58	21.67	3	22.5	
	256QAM	1	0	21.62	21.63	21.51	3	22.5	
		25	0	21.54	21.56	21.61	3	22.5	
		1	0	19.64	19.53	19.60	5	20.5	
		1	12	19.70	19.58	19.67	5	20.5	
		1	24	19.55	19.54	19.54	5	20.5	
		12	0	19.52	19.57	19.49	5	20.5	

LTE Band 13 (AnTt)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Turn-up (dBm)	
		Channel Frequency (MHz)	23036	23037	23038	23039			
			768	769	775	776			
10	QPSK	1	0	24.43	24.43	24.43	0	25.5	
		1	24	24.61	24.61	24.61	0	25.5	
		1	49	24.57	24.44	24.44	0	25.5	
		25	0	23.79	23.79	23.79	1	24.5	
		25	12	23.60	23.60	23.60	1	24.5	
		25	25	23.61	23.61	23.61	1	24.5	
	16QAM	1	0	23.82	23.82	23.82	1	24.5	
		1	24	23.90	23.90	23.90	1	24.5	
		1	49	23.90	23.90	23.90	1	24.5	
		25	0	22.89	22.89	22.89	2	23.5	
		25	12	22.87	22.87	22.87	2	23.5	
		25	25	22.87	22.87	22.87	2	23.5	
	64QAM	1	0	22.77	22.77	22.77	2	23.5	
		1	24	22.89	22.89	22.89	2	23.5	
		1	49	22.89	22.89	22.89	2	23.5	
		25	0	21.68	21.68	21.68	3	22.5	
		25	12	21.58	21.58	21.58	3	22.5	
		25	25	21.62	21.62	21.62	3	22.5	
	256QAM	1	0	21.68	21.68	21.68	3	22.5	
		1	0	19.69	19.69	19.69	5	20.5	
		1	24	19.75	19.75	19.75	5	20.5	
		1	49	19.64	19.64	19.64	5	20.5	
		25	0	19.61	19.61	19.61	5	20.5	
		25	12	19.78	19.78	19.78	5	20.5	
5	QPSK	1	0	24.43	24.43	24.43	0	25.5	
		1	12	24.51	24.59	24.57	0	25.5	
		1	24	24.28	24.31	24.31	0	25.5	
		12	0	23.47	23.59	23.38	1	24.5	
		12	6	23.36	23.45	23.25	1	24.5	
		12	13	23.43	23.44	23.34	1	24.5	
	16QAM	1	0	23.44	23.55	23.33	1	24.5	
		1	0	23.72	23.75	23.69	1	24.5	
		1	12	23.67	23.68	23.72	1	24.5	
		1	24	23.64	23.65	23.60	1	24.5	
		12	0	22.46	22.58	22.37	2	23.5	
		12	6	22.42	22.47	22.39	2	23.5	
	64QAM	1	0	22.45	22.56	22.38	2	23.5	</

(DS10)

LTE Band 14 (Arb)							
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dBm)
		Channel Frequency (MHz)		2338 795		MPR (dB)	
10	QPSK	1	0	24.64	0	25.5	
		1	24	24.67	0	25.5	
		1	49	24.73	0	25.5	
		25	0	23.88	1	24.5	
		25	12	23.63	1	24.5	
		25	25	23.66	1	24.5	
	16QAM	25	0	23.69	1	24.5	
		1	0	24.62	1	24.5	
		1	45	23.61	1	24.5	
		25	0	22.73	2	23.5	
		25	12	22.65	2	23.5	
		25	25	22.70	2	23.5	
	64QAM	25	0	22.70	2	23.5	
		1	24	22.64	2	23.5	
		1	49	22.65	2	23.5	
		25	0	21.66	3	22.5	
		25	12	21.74	3	22.5	
		25	25	21.71	3	22.5	
	256QAM	25	0	21.67	3	22.5	
		1	0	19.72	5	20.5	
		1	24	19.58	5	20.5	
		1	49	19.77	5	20.5	
		25	0	19.72	5	20.5	
		25	12	19.68	5	20.5	
5	QPSK	25	0	19.68	5	20.5	
		25	0	19.64	5	20.5	
		1	0	24.73	0	25.5	
		1	12	24.57	0	25.5	
		1	24	24.66	0	25.5	
		12	0	23.52	1	24.5	
	16QAM	12	8	23.55	1	24.5	
		12	13	23.45	1	24.5	
		25	0	23.52	1	24.5	
		1	0	23.68	1	24.5	
		1	12	23.58	1	24.5	
		1	24	23.77	1	24.5	
	64QAM	12	6	22.65	2	23.5	
		12	6	22.43	2	23.5	
		25	0	22.53	2	23.5	
		1	0	22.85	2	23.5	
		1	12	22.86	2	23.5	
		1	24	22.47	2	23.5	
	256QAM	12	0	21.51	3	22.5	
		12	6	21.68	3	22.5	
		12	13	21.54	3	22.5	
		25	0	21.41	3	22.5	
		1	0	19.47	5	20.5	
		1	12	19.37	5	20.5	

(DS10)

LTE Band 25 (Ari2)										
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	MPE (dB)	Max. Turn-up (dBm)	MPE (dB)	Max. Turn-up (dBm)
		Channel Frequency (MHz)	1800	1802.5	1805	1807.5				
20	QPSK	1	0	25.20	25.13	24.81	0	25.5	0	25.5
		1	99	25.08	24.91	24.43	0	25.5	0	25.5
		50	0	25.01	23.88	23.98	1	24.5	0	24.5
		50	25	24.82	23.82	23.88	1	24.5	0	24.5
		100	0	24.91	23.85	23.33	1	24.5	0	24.5
		1	0	24.41	23.68	23.65	1	24.5	0	24.5
		1	99	23.53	23.57	23.71	1	24.5	0	24.5
		1	99	23.89	24.16	23.55	1	24.5	0	24.5
		50	0	23.12	23.03	22.86	2	23.5	0	23.5
		50	25	23.09	22.90	22.74	2	23.5	0	23.5
15	QPSK	1	0	23.07	22.89	22.81	2	23.5	0	23.5
		1	99	22.90	22.84	22.68	2	23.5	0	23.5
		1	0	23.19	23.24	22.87	2	23.5	0	23.5
		1	99	23.18	23.24	22.71	2	23.5	0	23.5
		1	99	23.14	22.85	23.01	2	23.5	0	23.5
		50	0	21.95	21.91	21.81	3	22.5	0	22.5
		50	25	22.09	21.96	21.80	3	22.5	0	22.5
		50	50	22.04	21.77	21.63	3	22.5	0	22.5
		100	0	21.87	21.81	21.77	3	22.5	0	22.5
		100	0	20.16	20.06	20.02	5	20.5	0	20.5
10	QPSK	1	0	20.15	20.04	19.77	5	20.5	0	20.5
		1	99	20.11	19.88	19.53	5	20.5	0	20.5
		50	0	19.95	19.81	19.82	5	20.5	0	20.5
		50	25	20.06	19.87	19.74	5	20.5	0	20.5
		50	50	20.02	19.77	19.68	5	20.5	0	20.5
		100	0	20.04	19.85	19.75	5	20.5	0	20.5
		1	0	20.15	20.04	19.77	5	20.5	0	20.5
		1	99	20.11	19.88	19.53	5	20.5	0	20.5
		50	0	19.95	19.81	19.82	5	20.5	0	20.5
		50	25	20.06	19.87	19.74	5	20.5	0	20.5
5	QPSK	1	0	20.04	19.85	19.75	5	20.5	0	20.5
		1	99	20.01	19.88	19.71	5	20.5	0	20.5
		50	0	19.83	19.64	19.61	5	20.5	0	20.5
		50	25	19.85	19.76	19.55	5	20.5	0	20.5
		50	50	19.81	19.58	19.51	5	20.5	0	20.5
		100	0	19.83	19.74	19.50	5	20.5	0	20.5
		1	0	20.04	19.85	19.75	5	20.5	0	20.5
		1	99	20.01	19.88	19.71	5	20.5	0	20.5
		50	0	19.83	19.64	19.61	5	20.5	0	20.5
		50	25	19.85	19.76	19.55	5	20.5	0	20.5
2.5	QPSK	1	0	20.04	19.85	19.75	5	20.5	0	20.5
		1	99	20.01	19.88	19.71	5	20.5	0	20.5
		50	0	19.83	19.64	19.61	5	20.5	0	20.5
		50	25	19.85	19.76	19.55	5	20.5	0	20.5
		50	50	19.81	19.58	19.51	5	20.5	0	20.5
		100	0	19.83	19.74	19.50	5	20.5	0	20.5
		1	0	20.04	19.85	19.75	5	20.5	0	20.5
		1	99	20.01	19.88	19.71	5	20.5	0	20.5
		50	0	19.83	19.64	19.61	5	20.5	0	20.5
		50	25	19.85	19.76	19.55	5	20.5	0	20.5
1.4	QPSK	1	0	20.04	19.85	19.75	5	20.5	0	20.5
		1	99	20.01	19.88	19.71	5	20.5	0	20.5
		50	0	19.83	19.64	19.61	5	20.5	0	20.5
		50	25	19.85	19.76	19.55	5	20.5	0	20.5
		50	50	19.81	19.58	19.51	5	20.5	0	20.5
		100	0	19.83	19.74	19.50	5	20.5	0	20.5
		1	0	20.04	19.85	19.75	5	20.5	0	20.5
		1	99	20.01	19.88	19.71	5	20.5	0	20.5
		50	0	19.83	19.64	19.61	5	20.5	0	20.5
		50	25	19.85	19.76	19.55	5	20.5	0	20.5

LTE Band 25 (Ari2)										
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	MPE (dB)	Max. Turn-up (dBm)	MPE (dB)	Max. Turn-up (dBm)
		Channel Frequency (MHz)	1800	1802.5	1805	1807.5				
20	QPSK	1	0	24.76	24.82	24.85	0	25.5	0	25.5
		1	99	24.71	24.73	24.68	0	25.5	0	25.5
		50	0	23.85	23.88	23.89	1	24.5	0	24.5
		50	25	23.91	23.88	23.95	1	24.5	0	24.5
		100	0	23.88	23.82	23.86	1	24.5	0	24.5
		1	0	23.91	23.85	23.33	1	24.5	0	24.5
		1	99	23.93	23.93	23.95	1	24.5	0	24.5
		50	0	22.85	22.87	22.81	2	23.5	0	23.5
		50	25	22.82	22.89	22.88	2	23.5	0	23.5
		50	50	22.87	22.81	22.86	2	23.5	0	23.5
15	QPSK	1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
		50	50	21.84	21.89	21.84	3	22.5	0	22.5
		100	0	21.82	21.85	21.81	3	22.5	0	22.5
		1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
10	QPSK	1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
		50	50	21.84	21.89	21.84	3	22.5	0	22.5
		100	0	21.82	21.85	21.81	3	22.5	0	22.5
		1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
5	QPSK	1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
		50	50	21.84	21.89	21.84	3	22.5	0	22.5
		100	0	21.82	21.85	21.81	3	22.5	0	22.5
		1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
2.5	QPSK	1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
		50	50	21.84	21.89	21.84	3	22.5	0	22.5
		100	0	21.82	21.85	21.81	3	22.5	0	22.5
		1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
1.4	QPSK	1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5
		50	50	21.84	21.89	21.84	3	22.5	0	22.5
		100	0	21.82	21.85	21.81	3	22.5	0	22.5
		1	0	23.01	23.03	23.08	2	23.5	0	23.5
		1	99	22.98	23.08	23.10	2	23.5	0	23.5
		50	0	21.96	21.83	21.86	3	22.5	0	22.5
		50	25	22.01	21.85	21.84	3	22.5	0	22.5

(DS8)

LTE Band 30 (Ant)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	MPS (dB)	Max. Time-up (dBm)	Max. Time-up (dBm)
Channel	Frequency (MHz)	2474.5	2474.5	2474.5	2474.5	2474.5	2474.5	2474.5	2474.5
15	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.85	23.85	23.85	1	24.5	24.5
		36	19	23.82	23.81	24.10	1	24.5	24.5
	16QAM	72	0	23.87	23.86	24.05	1	24.5	24.5
		72	0	23.88	23.88	24.05	1	24.5	24.5
		1	0	24.21	24.09	24.08	1	24.5	24.5
		1	7	24.03	24.15	24.10	1	24.5	24.5
		1	14	23.98	23.98	24.10	1	24.5	24.5
	64QAM	36	0	22.71	23.01	23.12	2	23.5	23.5
		36	19	22.68	22.90	23.12	2	23.5	23.5
		36	36	22.63	22.68	23.08	2	23.5	23.5
		72	0	22.66	23.09	23.12	2	23.5	23.5
		72	0	22.68	23.07	23.43	2	23.5	23.5
10	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.89	23.89	23.89	1	24.5	24.5
		36	19	23.86	23.86	24.01	1	24.5	24.5
	16QAM	72	0	23.91	23.90	24.02	1	24.5	24.5
		72	0	23.92	23.92	24.01	1	24.5	24.5
		1	0	24.17	24.05	24.04	1	24.5	24.5
		1	7	24.00	24.12	24.07	1	24.5	24.5
		1	14	23.95	23.95	24.07	1	24.5	24.5
	64QAM	36	0	22.75	23.05	23.16	2	23.5	23.5
		36	19	22.72	22.97	23.16	2	23.5	23.5
		36	36	22.68	22.68	23.07	2	23.5	23.5
		72	0	22.70	23.05	23.04	2	23.5	23.5
		72	0	22.84	22.98	23.38	2	23.5	23.5
5	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.87	23.86	24.00	1	24.5	24.5
		36	19	23.84	23.84	24.08	1	24.5	24.5
	16QAM	72	0	23.91	23.91	24.01	1	24.5	24.5
		72	0	23.92	23.92	24.07	1	24.5	24.5
		1	0	24.11	24.05	24.07	1	24.5	24.5
		1	7	23.98	24.11	23.92	1	24.5	24.5
		1	14	23.93	24.06	24.07	1	24.5	24.5
	64QAM	36	0	22.63	22.94	23.09	2	23.5	23.5
		36	19	22.60	22.79	23.07	2	23.5	23.5
		36	36	22.56	22.56	23.03	2	23.5	23.5
		72	0	22.60	22.93	23.03	2	23.5	23.5
		72	0	22.69	22.83	23.03	2	23.5	23.5
3	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.87	23.86	24.00	1	24.5	24.5
		36	19	23.84	23.84	24.08	1	24.5	24.5
	16QAM	72	0	23.91	23.91	24.01	1	24.5	24.5
		72	0	23.92	23.92	24.07	1	24.5	24.5
		1	0	24.11	24.05	24.07	1	24.5	24.5
		1	7	23.98	24.11	23.92	1	24.5	24.5
		1	14	23.93	24.06	24.07	1	24.5	24.5
	64QAM	36	0	22.63	22.94	23.09	2	23.5	23.5
		36	19	22.60	22.79	23.07	2	23.5	23.5
		36	36	22.56	22.56	23.03	2	23.5	23.5
		72	0	22.60	22.93	23.03	2	23.5	23.5
		72	0	22.69	22.83	23.03	2	23.5	23.5
1.4	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.87	23.86	24.00	1	24.5	24.5
		36	19	23.84	23.84	24.08	1	24.5	24.5
	16QAM	72	0	23.91	23.91	24.01	1	24.5	24.5
		72	0	23.92	23.92	24.07	1	24.5	24.5
		1	0	24.11	24.05	24.07	1	24.5	24.5
		1	7	23.98	24.11	23.92	1	24.5	24.5
		1	14	23.93	24.06	24.07	1	24.5	24.5
	64QAM	36	0	22.63	22.94	23.09	2	23.5	23.5
		36	19	22.60	22.79	23.07	2	23.5	23.5
		36	36	22.56	22.56	23.03	2	23.5	23.5
		72	0	22.60	22.93	23.03	2	23.5	23.5
		72	0	22.69	22.83	23.03	2	23.5	23.5
1.4	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.87	23.86	24.00	1	24.5	24.5
		36	19	23.84	23.84	24.08	1	24.5	24.5
	16QAM	72	0	23.91	23.91	24.01	1	24.5	24.5
		72	0	23.92	23.92	24.07	1	24.5	24.5
		1	0	24.11	24.05	24.07	1	24.5	24.5
		1	7	23.98	24.11	23.92	1	24.5	24.5
		1	14	23.93	24.06	24.07	1	24.5	24.5
	64QAM	36	0	22.63	22.94	23.09	2	23.5	23.5
		36	19	22.60	22.79	23.07	2	23.5	23.5
		36	36	22.56	22.56	23.03	2	23.5	23.5
		72	0	22.60	22.93	23.03	2	23.5	23.5
		72	0	22.69	22.83	23.03	2	23.5	23.5
1.4	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.87	23.86	24.00	1	24.5	24.5
		36	19	23.84	23.84	24.08	1	24.5	24.5
	16QAM	72	0	23.91	23.91	24.01	1	24.5	24.5
		72	0	23.92	23.92	24.07	1	24.5	24.5
		1	0	24.11	24.05	24.07	1	24.5	24.5
		1	7	23.98	24.11	23.92	1	24.5	24.5
		1	14	23.93	24.06	24.07	1	24.5	24.5
	64QAM	36	0	22.63	22.94	23.09	2	23.5	23.5
		36	19	22.60	22.79	23.07	2	23.5	23.5
		36	36	22.56	22.56	23.03	2	23.5	23.5
		72	0	22.60	22.93	23.03	2	23.5	23.5
		72	0	22.69	22.83	23.03	2	23.5	23.5
1.4	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.87	23.86	24.00	1	24.5	24.5
		36	19	23.84	23.84	24.08	1	24.5	24.5
	16QAM	72	0	23.91	23.91	24.01	1	24.5	24.5
		72	0	23.92	23.92	24.07	1	24.5	24.5
		1	0	24.11	24.05	24.07	1	24.5	24.5
		1	7	23.98	24.11	23.92	1	24.5	24.5
		1	14	23.93	24.06	24.07	1	24.5	24.5
	64QAM	36	0	22.63	22.94	23.09	2	23.5	23.5
		36	19	22.60	22.79	23.07	2	23.5	23.5
		36	36	22.56	22.56	23.03	2	23.5	23.5
		72	0	22.60	22.93	23.03	2	23.5	23.5
		72	0	22.69	22.83	23.03	2	23.5	23.5
1.4	QPSK	1	0	24.74	24.74	24.74	0	25.5	25.5
		1	7	24.75	24.75	24.75	0	25.5	25.5
		1	14	24.76	24.76	24.76	0	25.5	25.5
		36	0	23.87	23.86	24.00	1	24.5	24.5
		36	19	23.84	23.84	24.08	1	24.5	24.5
	16QAM	72	0	23.91	23.91	24.01	1	24.5	24.5
		72	0	23.92	23.92	24.07	1	24.5	24.5

(DS10)

LTE Band 38 (Ant)										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	MPE [dB]	Max. Turn-up [dBm]		
		Channel	Frequency [MHz]	3780	3880	3910				
				2880	2980	3010				
20	QPSK	1	0	24.58	24.53	24.48	0	25.5		
		1	50	24.53	24.60	24.27	0	25.5		
		1	99	24.35	24.50	24.14	0	25.5		
		50	0	23.78	23.84	23.82	1	24.5		
		50	25	23.71	23.79	23.61	1	24.5		
		50	0	23.66	23.70	23.47	1	24.5		
		100	0	23.70	23.85	23.61	1	24.5		
		1	0	23.78	23.83	23.80	1	24.5		
		1	50	23.86	23.74	23.70	1	24.5		
		1	99	23.80	23.71	23.71	1	24.5		
	16QAM	50	0	22.77	22.84	22.65	2	23.5		
		50	25	22.72	22.80	22.62	2	23.5		
		50	50	22.68	22.78	22.47	2	23.5		
		100	0	22.71	22.86	22.60	2	23.5		
		1	0	22.76	22.75	22.74	2	23.5		
		1	50	22.80	22.73	22.69	2	23.5		
		1	99	22.59	22.67	22.51	2	23.5		
		50	0	21.75	21.90	21.72	3	22.5		
		50	25	21.72	21.91	21.69	3	22.5		
		50	50	21.69	21.75	21.57	3	22.5		
	64QAM	100	0	21.70	21.85	21.72	3	22.5		
		1	0	19.66	19.65	19.70	5	20.5		
		1	50	19.68	19.64	19.63	5	20.5		
		1	99	19.58	19.69	19.56	5	20.5		
		50	0	19.75	19.62	19.74	5	20.5		
		50	25	19.72	19.60	19.70	5	20.5		
		50	50	19.67	19.70	19.59	5	20.5		
		100	0	19.71	19.65	19.70	5	20.5		
	256QAM	Channel		3782.5	3880.0	3917.5	MPE	Max.		
		Frequency [MHz]		2877.5	2980.0	3022.5	[dB]	Turn-up		
15	QPSK	1	0	24.59	24.45	24.35	0	25.5		
		1	37	24.62	24.40	24.22	0	25.5		
		1	74	24.57	24.30	24.03	0	25.5		
		30	0	23.80	23.72	23.49	1	24.5		
		30	19	23.71	23.57	23.58	1	24.5		
		30	39	23.70	23.62	23.32	1	24.5		
		75	0	23.74	23.67	23.54	1	24.5		
		1	0	23.68	23.71	23.75	1	24.5		
		1	37	23.70	23.95	23.69	1	24.5		
		1	74	23.60	23.71	23.57	1	24.5		
	16QAM	30	0	22.78	22.78	22.62	2	23.5		
		30	19	22.78	22.62	22.54	2	23.5		
		30	39	22.68	22.60	22.43	2	23.5		
		75	0	22.70	22.69	22.59	2	23.5		
		1	0	22.62	22.74	22.62	2	23.5		
		1	37	22.61	22.71	22.60	2	23.5		
		1	74	22.60	22.40	22.43	2	23.5		
		30	0	21.80	21.73	21.61	3	22.5		
		30	19	21.79	21.64	21.68	3	22.5		
		30	39	21.65	21.69	21.55	3	22.5		
	64QAM	75	0	21.75	21.65	21.50	3	22.5		
		1	0	19.64	19.63	19.68	5	20.5		
		1	37	19.61	19.60	19.40	5	20.5		
		1	74	19.55	19.56	19.43	5	20.5		
		30	0	19.80	19.70	19.65	5	20.5		
		30	19	19.72	19.65	19.55	5	20.5		
		30	39	19.60	19.61	19.56	5	20.5		
		75	0	19.70	19.65	19.62	5	20.5		
	256QAM	Channel		3780.0	3880.0	3920.0	MPE	Max.		
		Frequency [MHz]		2875.0	2980.0	3020.0	[dB]	Turn-up		
10	QPSK	1	0	24.68	24.51	24.34	0	25.5		
		1	24	24.65	24.40	24.20	0	25.5		
		1	49	24.48	24.32	24.12	0	25.5		
		25	0	23.82	23.68	23.47	1	24.5		
		25	12	23.77	23.64	23.50	1	24.5		
		25	25	23.68	23.55	23.37	1	24.5		
		50	0	23.73	23.65	23.50	1	24.5		
		0	0	23.75	23.64	23.74	1	24.5		
		1	24	23.67	23.87	23.64	1	24.5		
		1	49	23.68	23.74	23.59	1	24.5		
	16QAM	25	0	22.81	22.65	22.64	2	23.5		
		25	12	22.69	22.60	22.59	2	23.5		
		25	25	22.69	22.60	22.39	2	23.5		
		50	0	22.73	22.70	22.60	2	23.5		
		1	0	22.67	22.72	22.70	2	23.5		
		1	24	22.72	22.76	22.62	2	23.5		
		1	49	22.65	22.48	22.36	2	23.5		
		25	0	21.77	21.60	21.71	3	22.5		
		25	12	21.76	21.58	21.58	3	22.5		
		25	25	21.69	21.55	21.42	3	22.5		
	64QAM	50	0	21.77	21.63	21.57	3	22.5		
		1	0	19.58	19.59	19.65	5	20.5		
		1	24	19.50	19.60	19.50	5	20.5		
		1	49	19.58	19.52	19.48	5	20.5		
		25	0	19.73	19.72	19.72	5	20.5		
		25	12	19.66	19.65	19.56	5	20.5		
		25	25	19.77	19.53	19.57	5	20.5		
		50	0	19.76	19.70	19.59	5	20.5		
	256QAM	Channel		3777.5	3880.0	3922.5	MPE	Max.		
		Frequency [MHz]		2872.5	2980.0	3027.5	[dB]	Turn-up		
5	QPSK	1	0	24.60	24.47	24.28	0	25.5		
		1	12	24.54	24.40	24.25	0	25.5		
		1	24	24.44	24.27	24.11	0	25.5		
		12	0	23.71	23.65	23.57	1	24.5		
		12	6	23.78	23.63	23.55	1	24.5		
		12	13	23.73	23.54	23.40	1	24.5		
		25	0	23.77	23.66	23.50	1	24.5		
		1	0	23.71	23.84	23.77	1	24.5		
		1	12	23.59	23.91	23.62	1	24.5		
		1	24	23.61	23.71	23.58	1	24.5		
	16QAM	12	0	22.73	22.70	22.64	2	23.5		
		12	6	22.76	22.69	22.61	2	23.5		
		12	13	22.74	22.55	22.45	2	23.5		
		25	0	22.69	22.68	22.66	2	23.5		
		0	0	22.70	22.61	22.68	2	23.5		
		1	12	22.68	22.70	22.60	2	23.5		
		1	24	22.62	22.97	22.50	2	23.5		
		12	0	21.77	21.73	21.70	3	22.5		
		12	6	21.72	21.68	21.61	3	22.5		
		12	13	21.63	21.61	21.48	3	22.5		
	64QAM	25	0	21.68	21.60	21.59	3	22.5		
		1	0	19.58	19.63	19.69	5	20.5		
		1	12	19.60	19.68	19.62	5	20.5		
		1	24	19.65	19.45	19.44	5	20.5		
		12	0	19.74	19.74	19.59	5	20.5		
		12	6	19.69	19.65	19.66	5	20.5		
		12	13	19.68	19.64	19.45	5	20.5		
		25	0	19.67	19.64	19.57	5	20.5		
	256QAM	Channel		3775.0	3880.0	3925.0	MPE	Max.		
		Frequency [MHz]		2870.0	2980.0	3030.0	[dB]	Turn-up		

(DSM)

LTE Band 41 (Ant)												
BW (MHz)	Modulation	RB Size	RB Offset	Low Mid High					MPE (dB)	Max. Turn-up (dBm)		
		Channel	3970	4015	4060	4105	4150					
20	QPSK	Frequency (MHz)	2885	2945.5	2995	3055.5	3105	3160	3210.5	3260	3310	
		1	0	23.58	23.58	23.58	23.58	23.58	23.58	23.58	0	24.5
		1	50	23.54	23.52	23.58	23.53	23.52	23.52	23.48	0	24.5
		1	99	23.56	23.48	23.58	23.58	23.58	23.58	23.58	0	24.5
		50	0	23.49	23.63	23.64	23.59	23.48	23.48	0	24.5	
		50	25	23.48	23.58	23.61	23.58	23.56	23.56	23.46	0	24.5
		100	0	23.45	23.60	23.62	23.55	23.44	23.44	0	24.5	
		100	50	23.52	23.53	23.59	23.57	23.45	23.45	0	24.5	
		1	0	23.55	23.55	23.54	23.55	23.52	23.52	23.48	0	24.5
		1	50	23.56	23.51	23.51	23.56	23.56	23.56	23.46	0	24.5
	1	99	23.52	23.53	23.55	23.51	23.56	23.56	23.46	0	24.5	
	16QAM	50	0	22.93	22.96	22.91	22.93	22.91	22.91	22.85	1	23.5
		50	25	22.92	22.99	22.96	22.98	22.93	22.93	22.86	1	23.5
		100	0	22.86	22.81	22.83	22.81	22.88	22.88	22.76	1	23.5
		100	50	22.94	22.81	22.82	22.82	22.85	22.85	22.76	1	23.5
1		0	22.95	22.93	22.93	22.91	22.93	22.93	22.86	1	23.5	
40	QPSK	100	0	22.91	22.91	22.92	22.92	22.95	22.95	22.91	1	23.5
		1	0	22.97	22.97	22.91	22.96	22.99	22.99	22.91	1	23.5
		1	99	22.99	22.97	22.91	22.99	22.95	22.95	22.91	1	23.5
		50	0	21.52	21.58	21.53	21.50	21.55	21.55	21.45	2	22.5
		50	25	21.99	21.93	21.95	21.93	21.91	21.91	21.85	2	22.5
		100	0	21.52	21.52	21.59	21.55	21.58	21.58	21.45	2	22.5
		100	50	21.55	21.55	21.58	21.57	21.56	21.56	21.45	2	22.5
		1	0	19.52	19.53	19.51	19.51	19.57	19.59	19.49	4	20.5
		1	50	19.53	19.55	19.53	19.58	19.55	19.55	19.46	4	20.5
		1	99	19.55	19.57	19.59	19.54	19.54	19.62	19.49	4	20.5
	256QAM	50	0	19.56	19.55	19.55	19.58	19.55	19.55	19.46	4	20.5
		50	25	19.52	19.53	19.55	19.51	19.58	19.54	19.46	4	20.5
		100	0	19.53	19.50	19.57	19.53	19.56	19.54	19.46	4	20.5
		100	50	19.50	19.54	19.53	19.50	19.51	19.51	19.46	4	20.5
		1	0	19.52	19.54	19.53	19.52	19.51	19.51	19.46	4	20.5
80	QPSK	Frequency (MHz)	3970	4015	4060	4105	4150	4195	4240	4285	4330	
		1	0	23.43	23.46	23.51	23.59	23.49	23.49	23.49	0	24.5
		1	24	23.40	23.37	23.41	23.52	23.41	23.41	23.41	0	24.5
		1	49	23.51	23.45	23.54	23.45	23.45	23.45	23.45	0	24.5
		25	0	23.32	23.56	23.54	23.57	23.42	23.42	23.42	0	24.5
		25	12	23.39	23.53	23.47	23.47	23.36	23.36	23.36	0	24.5
		50	0	23.38	23.38	23.46	23.52	23.45	23.45	23.45	0	24.5
		50	24	23.46	23.46	23.44	23.43	23.39	23.39	23.39	0	24.5
		1	24	23.48	23.50	23.37	23.47	23.51	23.47	23.51	0	24.5
		1	49	23.43	23.44	23.41	23.59	23.48	23.48	23.48	0	24.5
	16QAM	25	0	22.92	22.47	22.45	22.39	22.43	22.43	22.43	1	23.5
		25	12	22.39	22.57	22.44	22.46	22.48	22.48	22.48	1	23.5
		25	25	22.40	22.58	22.40	22.44	22.47	22.47	22.47	1	23.5
		50	0	22.38	22.40	22.49	22.47	22.54	22.54	22.54	1	23.5
		1	0	22.43	22.49	22.42	22.38	22.48	22.48	22.48	1	23.5
64QAM	25	0	22.48	22.48	22.47	22.47	22.47	22.47	22.47	1	23.5	
	1	49	22.51	22.44	22.52	22.47	22.56	22.56	22.56	1	23.5	
	25	0	21.44	21.47	21.49	21.56	21.50	21.50	21.50	2	22.5	
	25	12	21.46	21.44	21.47	21.51	21.46	21.46	21.46	2	22.5	
	25	25	21.46	21.46	21.47	21.49	21.52	21.52	21.52	2	22.5	
160	256QAM	50	0	19.48	19.47	19.48	19.53	19.54	19.48	19.48	4	20.5
		1	24	19.47	19.53	19.59	19.54	19.54	19.47	19.47	4	20.5
		1	49	19.45	19.44	19.49	19.45	19.45	19.45	19.45	4	20.5
		25	0	19.49	19.47	19.52	19.47	19.46	19.46	19.46	4	20.5
		25	12	19.50	19.40	19.51	19.40	19.55	19.45	19.45	4	20.5
		25	25	19.48	19.40	19.47	19.51	19.43	19.43	19.43	4	20.5
		50	0	19.51	19.41	19.43	19.45	19.47	19.47	19.47	4	20.5
		1	0	19.49	19.48	19.49	19.48	19.47	19.47	19.47	4	20.5
		1	50	19.49	19.48	19.49	19.48	19.47	19.47	19.47	4	20.5
		1	99	19.51	19.50	19.51	19.49	19.48	19.48	19.48	4	20.5
	QPSK	1	0	23.50	23.53	23.56	23.54	23.59	23.59	23.59	0	24.5
		1	12	23.50	23.39	23.43	23.42	23.39	23.39	23.39	0	24.5
		1	24	23.53	23.41	23.46	23.46	23.44	23.44	23.44	0	24.5
		12	0	23.29	23.59	23.55	23.58	23.38	23.38	23.38	0	24.5
		12	6	23.42	23.51	23.50	23.53	23.46	23.46	23.46	0	24.5
320	QPSK	12	13	23.40	23.55	23.57	23.43	23.30	23.30	23.30	0	24.5
		25	0	23.44	23.46	23.47	23.59	23.36	23.36	23.36	0	24.5
		1	0	23.48	23.54	23.44	23.48	23.48	23.48	23.48	0	24.5
		1	12	23.45	23.45	23.46	23.47	23.53	23.53	23.53	0	24.5
		1	24	23.42	23.43	23.42	23.41	23.49	23.49	23.49	0	24.5
		12	0	22.46	22.47	22.50	22.46	22.38	22.38	22.38	1	23.5
		12	6	22.47	22.47	22.42	22.44	22.43	22.43	22.43	1	23.5
		12	13	22.51	22.53	22.43	22.36	22.49	22.49	22.49	1	23.5
		25	0	22.40	22.45	22.50	22.41	22.42	22.42	22.42	1	23.5
		1	0	22.41	22.46	22.42	22.41	22.35	22.35	22.35	1	23.5
	16QAM	1	12	22.50	22.49	22.46	22.49	22.45	22.45	22.45	1	23.5
		1	24	22.50	22.54	22.55	22.58	22.55	22.55	22.55	1	23.5
		12	0	21.42	21.49	21.59	21.48	21.47	21.47	21.47	2	22.5
		12	6	21.48	21.49	21.41	21.44	21.47	21.47	21.47	2	22.5
		12	13	21.40	21.40	21.50	21.54	21.48	21.48	21.48	2	22.5
256QAM	25	0	21.40	21.41	21.49	21.44	21.50	21.50	21.50	2	22.5	
	1	0	19.48	19.42	19.43	19.48	19.45	19.45	19.45	4	20.5	
	1	12	19.50	19.52	19.38	19.46	19.52	19.52	19.52	4	20.5	
	1	24	19.54	19.50	19.59	19.51	19.55	19.48	19.48	4	20.5	
	12	0	19.51	19.50	19.46	19.48	19.47	19.48	19.48	4	20.5	

(DS10)

Part 70, LTE Band 42 (A11)									
BW [MHz]	Modulation	RB Size [kHz]	Channel Frequency [MHz]	Low		High		NPR [dB]	Max. Turn-up [dB]
				42190	42195	42195	42195		
BW [MHz]	Modulation	RB Size [kHz]	Channel Frequency [MHz]	3465	3465	3465	3465	NPR [dB]	Max. Turn-up [dB]
				3465	3465	3465	3465		
20	QPSK	1	0	23.54	23.55	23.55	0	24.5	
		1	50	23.59	23.57	23.50	0	24.5	
		1	99	23.53	23.56	23.46	0	24.5	
		50	0	22.45	22.60	22.46	1	23.5	
		50	25	22.69	22.62	22.50	1	23.5	
	16QAM	100	0	22.62	22.62	22.46	1	23.5	
		1	0	22.77	22.40	22.20	1	23.5	
		1	50	22.65	22.50	22.40	1	23.5	
		1	99	22.69	22.16	22.33	1	23.5	
		50	0	21.35	21.69	21.20	2	22.5	
40	64QAM	50	25	21.59	21.43	2	22.5		
		50	50	21.64	21.67	21.58	2	22.5	
		100	0	21.56	21.44	2	22.5		
		1	0	21.58	21.60	21.70	2	22.5	
		1	50	21.63	21.49	21.58	2	22.5	
	256QAM	1	99	21.07	21.24	21.58	2	22.5	
		50	0	20.41	20.57	20.47	3	21.5	
		50	25	20.60	20.67	20.41	3	21.5	
		50	50	20.61	20.60	20.52	3	21.5	
		100	0	20.59	20.64	20.48	3	21.5	
80	256QAM	1	0	18.94	18.97	18.70	5	19.5	
		1	50	18.54	18.51	18.81	5	19.5	
		1	99	18.71	18.56	18.51	5	19.5	
		50	0	18.44	18.76	18.53	5	19.5	
		50	25	18.72	18.57	18.47	5	19.5	
	256QAM	50	50	18.56	18.46	2	19.5		
		100	0	18.52	18.37	18.48	5	19.5	
160	QPSK	1	0	23.53	23.55	23.45	0	24.5	
		1	37	23.54	23.53	23.38	0	24.5	
		1	74	23.44	23.56	23.43	0	24.5	
		36	0	22.31	22.48	22.43	1	23.5	
		36	19	22.57	22.58	22.38	1	23.5	
	16QAM	36	39	22.65	22.52	22.39	1	23.5	
		72	0	22.47	22.52	22.39	1	23.5	
		1	0	22.78	22.32	22.07	1	23.5	
		1	37	22.53	22.62	22.53	1	23.5	
		1	74	22.62	22.11	22.25	1	23.5	
320	16QAM	36	0	21.00	21.46	21.29	2	22.5	
		36	19	21.45	21.49	21.38	2	22.5	
		36	39	21.63	21.64	21.47	2	22.5	
		72	0	21.00	21.29	2	22.5		
		1	0	21.57	21.48	21.97	2	22.5	
	64QAM	1	37	21.01	21.36	21.50	2	22.5	
		1	74	21.09	21.13	21.60	2	22.5	
		36	0	20.35	20.50	20.32	3	21.5	
		36	19	20.52	20.52	20.42	3	21.5	
		36	39	20.56	20.53	20.21	3	21.5	
576	256QAM	72	0	18.93	18.76	18.59	5	19.5	
		1	37	18.46	18.38	18.73	5	19.5	
		1	74	18.56	18.50	18.41	5	19.5	
		36	0	18.29	18.76	18.43	5	19.5	
		36	19	18.57	18.53	18.34	5	19.5	
	256QAM	36	39	18.49	18.37	1	19.5		
		72	0	18.51	18.24	18.44	5	19.5	
1152	QPSK	1	0	23.58	23.54	23.37	0	24.5	
		1	24	23.45	23.43	23.41	0	24.5	
		1	49	23.40	23.43	23.43	0	24.5	
		25	0	22.42	22.58	22.40	1	23.5	
		25	0	22.46	22.58	22.41	1	23.5	
	16QAM	25	25	22.43	22.40	22.25	1	23.5	
		50	0	22.57	22.45	22.44	1	23.5	
		1	0	22.74	22.39	22.09	1	23.5	
		1	24	22.40	22.34	22.67	1	23.5	
		49	0	22.66	22.68	22.51	1	23.5	
2304	16QAM	25	0	21.29	21.64	21.48	2	22.5	
		25	12	21.58	21.51	21.31	2	22.5	
		25	25	21.62	21.61	21.57	2	22.5	
		50	0	21.44	21.40	21.37	2	22.5	
		1	0	21.44	21.46	21.59	2	22.5	
	64QAM	1	24	21.68	21.34	21.49	2	22.5	
		1	49	21.61	21.16	21.58	2	22.5	
		25	0	20.33	20.50	20.42	3	21.5	
		25	12	20.45	20.42	20.31	3	21.5	
		25	25	20.53	20.47	20.25	3	21.5	
4608	256QAM	50	0	20.55	20.49	20.35	3	21.5	
		1	0	18.93	18.73	18.55	5	19.5	
		1	24	18.42	18.50	18.74	5	19.5	
		1	49	18.55	18.42	18.37	5	19.5	
		25	0	18.38	18.70	18.44	5	19.5	
	256QAM	25	12	18.65	18.42	18.35	5	19.5	
		25	25	18.56	18.27	18.33	5	19.5	
		50	0	18.38	18.27	18.35	5	19.5	
9216	QPSK	1	0	23.61	23.48	23.41	0	24.5	
		1	12	23.50	23.50	23.48	0	24.5	
		1	24	23.47	23.50	23.44	0	24.5	
		12	0	22.44	22.46	22.44	1	23.5	
		12	6	22.59	22.58	22.39	1	23.5	
	16QAM	12	13	22.63	22.47	22.31	1	23.5	
		25	0	22.66	22.44	22.41	1	23.5	
		1	0	22.70	22.26	22.09	1	23.5	
		1	12	22.42	22.33	22.55	1	23.5	
		1	24	22.55	22.14	22.30	1	23.5	
18432	16QAM	12	0	21.24	21.56	21.40	2	22.5	
		12	6	21.56	21.47	21.34	2	22.5	
		12	13	21.54	21.55	21.49	2	22.5	
		25	0	21.51	21.45	21.31	2	22.5	
		1	0	21.52	21.48	21.60	2	22.5	
	64QAM	1	12	21.68	21.34	21.45	2	22.5	
		1	24	21.63	21.18	21.59	2	22.5	
		12	0	20.30	20.46	20.42	3	21.5	
		12	6	20.51	20.50	20.26	3	21.5	
		12	13	20.63	20.47	20.35	3	21.5	
36864	256QAM	25	0	20.54	20.63	20.33	3	21.5	
		1	0	18.88	18.74	18.66	5	19.5	
		1	12	18.49	18.49	18.67	5	19.5	
		1	24	18.58	18.54	18.40	5	19.5	
		12	0	18.39	18.69	18.47	5	19.5	
	256QAM	12	6	18.54	18.45	18.42	5	19.5	
		12	13	18.46	18.41	18.46	5	19.5	
		25	0	18.42	18.38	18.43	5	19.5	

Part 70, LTE Band 42 (A11)									
BW [MHz]	Modulation	RB Size [kHz]	Channel Frequency [MHz]	Low		High		NPR [dB]	Max. Turn-up [dB]
				42190	42195	42195	42195		
20	QPSK	1	0	23.62	23.52	23.68	0	24.5	
		1	50	23.56	23.31	23.61	0	24.5	
		1	99	23.50	23.35	23.61	0	24.5	
		50	0	22.57	22.39	22.74	1	23.5	
		50	25	22.67	22.41	22.79	1	23.5	
	16QAM	100	0	22.45	22.24	22.73	1	23.5	
		1	0	22.48	22.31	22.55	1	23.5	
		1	50	22.47	22.28	22.68	1	23.5	
		1	99	22.36	22.15	22.42	1	23.5	
		50	0	21.47	21.33	21.73	2	22.5	
40	64QAM	50	25	21.58	21.33	21.76	2	22.5	
		50	50	21.54	21.22	21.70	2	22.5	
		100	0	21.56	21.20	21.70	2	22.5	
		1	0	21.52	21.30	21.49	2	22.5	
		1	50	21.59	21.32	21.63	2	22.5	
	256QAM	1	99	21.07	21.07	20.93	2	22.5	
		50	60	18.76	18.57	18.63	5	19.5	
5	QPSK	1	0	23.62	23.52	23.68	0	24.5	
		1	50	23.56	23.31	23.61	0	24.5	
		1	99	23.50	23.35	23.61	0	24.5	
		50	0	22.57	22.39	22.74	1	23.5	
		50	25	22.67	22.41	22.79	1	23.5	
	16QAM	100	0	22.45	22.24	22.73	1	23.5	
		1	0	22.48	22.31	22.55	1	23.5	
		1	50	22.47	22.28	22.68	1	23.5	
		1	99	22.36	22.15	22.42	1	23.5	
		50	0	21.47	21.33	21.73	2	22.5	
80	64QAM	50	25	21.60	21.35	21.85	2	22.5	
		50	50	21.56	21.24	21.82	2	22.5	
		100	0	21.58	21.22	21.82	2	22.5	
		1	0	21.54	21.32	21.73	2	22.5	
		1	50	21.61	21.34	21.86	2	22.5	
	256QAM	1	99	21.08	21.08	20.94	2	22.5	
		50	60	18.76	18.57	18.63	5	19.5	
BW [MHz]	Modulation	Channel	43165	43165	43165	NPR	Max. Turn-up		
		Frequency [MHz]	3465	3478	3462.5	[dB]	[dB]		
	QPSK	1	37	23.53	23.32	23.57	0	24.5	
		1	74	23.56	23.34	23.65	0	24.5	
		1	40	22.62	22.40	22.60	1	23.5	
		38	19	22.57	22.30	22.65	1	23.5	
		38	39	22.40	22.13	22.61	1	23.5	
		1	0	22.47	22.30	22.61	1	23.5	
		1	0	22.48	22.19	22.46	1	23.5	
		1	24	22.32	22.10	22.33	1	23.5	
1		74	22.34	22.08	22.37	1	23.5		
1		40	21.34	21.23	21.64	2	22.5		
16QAM	1	40	21.45	21.18	21.60	2	22.5		
	38	39	21.39	21.18	21.66	2	22.5		
	1	0	21.36	21.16	21.61	2	22.5		
	1	0	21.72	21.52	21.64	2	22.5		
	1	37	21.38	21.24	21.54	2	22.5		
	1	74	21.68	21.60	21.60	2	22.5		
	38	19	20.38	20.22	20.72	3	21.5		
	38	39	20.66	20.39	20.74	3	21.5		
	38	20	20.87	20.61	20.74	3	21.5		
	75	0	20.65	20.27	20.75	3	21.5		
256QAM	1	37	18.53	18.33	18.66	5	19.5		
	1	37	18.30	18.10	18.45	5	19.5		
	1	74	18.60	18.34	18.39	5	19.5		
	1	40	18.27	18.16	18.21	5	19.5		
	38	19	18.50	18.29	18.70	5	19.5		
	38	20	18.62	18.40	18.76	5	19.5		
	75	0	18.44	18.27	18.57	5	19.5		
	1	0	18.48	18.28	18.57	5	19.5		
	BW [MHz]	Modulation	Channel	43140	43140	43140	NPR	Max. Turn-up	
			Frequency [MHz]	3465	3478	3462.5	[dB]	[dB]	
QPSK		1	37	23.51	23.27	23.58	0	24.5	
		1	24	23.65	23.27	23.66	0	24.5	
		1	40	22.48	22.33	22.64	1	23.5	
		25	0	22.42	22.28	22.67	1	23.5	
		25	12	22.60	22.30	22.67	1	23.5	
		25	22	22.45	22.19	22.64	1	23.5	
		50	0	22.45	22.20	22.61	1	23.5	
		50	25	22.48	22.16	22.46	1	23.5	
	1	24	22.32	22.18	21.96	1	23.5		
	1	40	21.34	21.20	21.69	2	22.5		
16QAM	1	40	21.46	21.28	21.69	2	22.5		
	1	24	21.21	21.18	21.57	2	22.5		
	1	40	21.86	21.67	20.78	2	22.5		
	25	0	20.67	20.39	20.74	3	21.5		
	25	20	20.82	20.46	20.74	3	21.5		
	25	25	20.69	20.19	20.59	3	21.5		
	50	0	20.64	20.16	20.64	3	21.5		
	1	0	18.58	18.30	18.62	5	19.5		
	1	24	18.25	18.11	18.43	5	19.5		
	1	40	18.73	18.64	18.43	5	19.5		
256QAM	25	0	18.77	18.25	18.67	5	19.5		
	25	20	18.76	18.35	18.76	5	19.5		
	25	25	18.72	18.27	18.54	5	19.5		
	50	0	18.42	18.34	18.57	5	19.5		
	BW [MHz]	Modulation	Channel	43116	43116	43116	NPR	Max. Turn-up	
			Frequency [MHz]	3452.5	3475	3458.5	[dB]	[dB]	
		QPSK	1	0	22.42	22.18	22.56	0	24.5
			1	24	22.33	22.13	22.54	0	24.5
			1	24	22.51	22.31	22.65	0	24.5
			12	0	22.43	22.20	22.67	1	23.5
12			13	22.43	22.19	22.67	1	23.5	
0			0	22.44	22.21	22.61	1	23.5	
1			0	22.44	22.21	22.41	1	23.5	
1			12	22.29	22.22	22.31	1	23.5	
1	24		22.23	22.10	22.19	1	23.5		
1	12		0	21.41	21.28	21.68	2	22.5	
16QAM	1	12	0	21.44	21.28	21.68	2	22.5	
	1	12	13	21.47	21.18	21.69	2	22.5	
	25	0	21.49	21.25	21.65	2	22.5		
	25	0	21.87	21.48	21.68	2	22.5		
	1	12	21.33	21.17	21.65	2	22.5		
	1	24	21.82	21.11	20.89	2	22.5		
	12	0	20.43	20.19	20.79	3	21.5		
	12	6	20.63	20.24	20.73	3	21.5		
	12	13	20.68	20.21	20.73	3	21.5		
	12	6	20.51	20.20	20.74	3	21.5		
40	64QAM	1	0	18.49	18.26	18.60	5	19.5	
		1	24	18.44	18.36	18.57	5	19.5	
		1	24	18.78	18.64	18.49	5	19.5	
		1	24	18.77	18.58	18.67	5	19.5	
		1	24	18.71	18.56	18.67	5	19.5	
	256QAM	12	6	18.55	18.27	18.56	5	19.5	
		12	13	18.61	18.16	18.56	5	19.5	
		12	13	18.61	18.16	18.57	5	19.5	
		12	13	18.61	18.16	18.57	5	19.5	
		12	13	18.61	18.16	18.57	5	19.5	

(DS10)

LTE Band 66 (Ari2)									
Modulation	RB Size	RB Offset	Low	High	MPR (dB)	Max. Turn-up (dBm)			
Channel Frequency (MHz)	132872	132872	132872	132872	MPR (dB)	Max. Turn-up (dBm)			
Channel Frequency (MHz)	1728	1748	1778	1778	MPR (dB)	Max. Turn-up (dBm)			
20	QPSK	1	0	25.24	25.11	25.17	0	25.5	
		1	50	25.08	25.04	25.08	0	25.5	
		1	99	25.03	25.04	25.13	0	25.5	
		1	50	25.03	25.01	25.13	0	25.5	
		50	25	25.29	25.29	25.29	1	24.5	
		50	50	25.16	25.16	25.16	1	24.5	
		50	0	25.23	25.24	25.19	1	24.5	
		1	0	25.23	25.24	25.19	1	24.5	
		1	50	24.20	24.12	24.12	1	24.5	
		1	99	24.26	24.11	24.04	1	24.5	
15	16QAM	50	0	23.08	23.07	23.10	2	23.5	
		50	25	23.13	23.06	23.17	2	23.5	
		50	50	23.24	23.29	23.16	2	23.5	
		15	0	23.15	23.24	23.19	2	23.5	
		15	0	23.31	23.24	23.24	2	23.5	
		1	50	23.34	23.36	23.29	2	23.5	
		1	99	23.14	23.20	23.16	2	23.5	
		50	0	22.08	22.22	22.21	3	22.5	
		50	25	22.12	22.20	22.14	3	22.5	
		50	50	22.23	22.17	22.08	3	22.5	
10	64QAM	100	0	22.16	22.26	22.12	3	22.5	
		15	0	22.10	22.09	22.08	3	22.5	
		1	50	20.10	19.87	19.40	5	20.5	
		1	99	20.34	19.99	20.11	5	20.5	
		50	0	20.03	20.22	20.08	5	20.5	
		50	25	20.13	20.24	20.11	5	20.5	
		50	50	20.09	20.27	20.10	5	20.5	
		100	0	20.16	20.17	20.16	5	20.5	
		100	0	20.17	20.11	20.12	5	20.5	
		100	0	20.17	20.11	20.12	5	20.5	
5	256QAM	1	0	20.17	20.11	20.12	5	20.5	
		1	50	20.17	20.11	20.12	5	20.5	
		1	99	20.17	20.11	20.12	5	20.5	
		1	50	20.17	20.11	20.12	5	20.5	
		1	99	20.17	20.11	20.12	5	20.5	
		1	50	20.17	20.11	20.12	5	20.5	
		1	99	20.17	20.11	20.12	5	20.5	
		1	50	20.17	20.11	20.12	5	20.5	
		1	99	20.17	20.11	20.12	5	20.5	
		1	50	20.17	20.11	20.12	5	20.5	
		1	99	20.17	20.11	20.12	5	20.5	

LTE Band 66 (Ari2)									
Modulation	RB Size	RB Offset	Low	High	MPR (dB)	Max. Turn-up (dBm)			
Channel Frequency (MHz)	132872	132872	132872	132872	MPR (dB)	Max. Turn-up (dBm)			
Channel Frequency (MHz)	1728	1748	1778	1778	MPR (dB)	Max. Turn-up (dBm)			
20	QPSK	1	0	25.32	25.28	25.36	0	25.5	
		1	50	25.24	25.05	24.81	0	25.5	
		1	99	25.11	25.02	24.91	0	25.5	
		1	50	24.99	24.98	24.98	0	25.5	
		50	25	24.36	24.13	24.09	1	24.5	
		50	50	24.27	24.11	24.16	1	24.5	
		100	0	24.31	24.10	24.09	1	24.5	
		1	0	24.33	24.22	24.12	1	24.5	
		1	50	24.31	24.33	24.05	1	24.5	
		1	99	24.35	24.18	24.15	1	24.5	
15	16QAM	50	0	23.29	23.21	23.16	2	23.5	
		50	25	23.28	23.21	23.16	2	23.5	
		50	50	23.29	23.21	23.16	2	23.5	
		15	0	23.25	23.27	23.15	2	23.5	
		15	0	23.25	23.27	23.15	2	23.5	
		1	50	23.25	23.27	23.15	2	23.5	
		1	99	23.25	23.27	23.15	2	23.5	
		50	0	22.26	22.19	22.12	3	22.5	
		50	25	22.27	22.12	22.14	3	22.5	
		50	50	22.26	22.19	22.08	3	22.5	
10	64QAM	100	0	22.26	22.19	22.08	3	22.5	
		15	0	22.26	22.19	22.08	3	22.5	
		1	50	20.45	20.31	20.27	5	20.5	
		1	99	20.38	20.27	20.20	5	20.5	
		50	0	20.38	20.17	20.15	5	20.5	
		50	25	20.33	20.13	20.18	5	20.5	
		50	50	20.38	20.16	20.10	5	20.5	
		100	0	20.17	20.11	20.12	5	20.5	
		100	0	20.17	20.11	20.12	5	20.5	
		100	0	20.17	20.11	20.12	5	20.5	
5	256QAM	1	0	20.32	20.26	20.26	5	20.5	
		1	50	20.32	20.26	20.26	5	20.5	
		1	99	20.32	20.26	20.26	5	20.5	
		1	50	20.32	20.26	20.26	5	20.5	
		1	99	20.32	20.26	20.26	5	20.5	
		1	50	20.32	20.26	20.26	5	20.5	
		1	99	20.32	20.26	20.26	5	20.5	
		1	50	20.32	20.26	20.26	5	20.5	
		1	99	20.32	20.26	20.26	5	20.5	
		1	50	20.32	20.26	20.26	5	20.5	
		1	99	20.32	20.26	20.26	5	20.5	

(DS10)

LTE Band 71 (AnB)									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	MPR [dB]	Max. Turn-up [dBm]	
		Channel	Frequency [MHz]	133222	133222	133272			
		Channel		673	682	688			
20	QPSK	1	0	24.54	24.67	24.62	0	25.5	
		1	50	23.99	23.95	23.78	0	25.5	
		1	99	23.81	23.62	23.52	0	25.5	
		50	0	22.90	22.84	22.86	1	24.5	
		50	25	22.95	23.06	22.88	1	24.5	
	16QAM	1	0	22.82	22.85	22.78	1	24.5	
		1	50	23.74	23.26	23.02	1	24.5	
		1	99	23.15	23.05	23.09	1	24.5	
		1	99	22.54	23.07	22.85	1	24.5	
		50	0	22.15	21.85	21.87	2	23.5	
	64QAM	50	25	22.45	21.88	21.84	2	23.5	
		50	50	21.85	21.77	21.84	2	23.5	
		100	0	21.85	21.73	21.62	2	23.5	
		1	0	21.78	22.24	22.22	2	23.5	
		1	50	21.93	21.88	21.83	2	23.5	
	256QAM	1	99	22.09	21.73	21.67	2	23.5	
		50	0	21.03	20.88	20.96	3	22.5	
		50	25	21.06	20.93	20.93	3	22.5	
		50	50	20.93	20.85	20.88	3	22.5	
		100	0	20.88	20.75	20.82	3	22.5	
15	QPSK	1	0	19.83	19.25	19.14	5	20.5	
		1	50	19.03	18.98	18.79	5	20.5	
		1	99	19.01	18.71	18.77	5	20.5	
		50	0	19.02	19.12	19.78	5	20.5	
		50	25	18.93	18.99	18.97	5	20.5	
	16QAM	1	0	18.85	18.65	18.65	5	20.5	
		1	50	18.83	18.59	18.59	5	20.5	
		1	99	18.85	18.59	18.59	5	20.5	
		50	0	18.85	18.59	18.59	5	20.5	
		100	0	18.85	18.59	18.59	5	20.5	
	64QAM	1	0	18.85	18.59	18.59	5	20.5	
		1	50	18.85	18.59	18.59	5	20.5	
		1	99	18.85	18.59	18.59	5	20.5	
		50	0	18.85	18.59	18.59	5	20.5	
		100	0	18.85	18.59	18.59	5	20.5	
	256QAM	1	0	18.85	18.59	18.59	5	20.5	
		1	50	18.85	18.59	18.59	5	20.5	
		1	99	18.85	18.59	18.59	5	20.5	
		50	0	18.85	18.59	18.59	5	20.5	
		100	0	18.85	18.59	18.59	5	20.5	
10	QPSK	1	0	18.85	18.59	18.59	5	20.5	
		1	24	23.96	23.85	23.87	0	25.5	
		1	49	23.80	23.60	23.58	0	25.5	
		25	0	22.88	22.72	22.72	1	24.5	
		25	12	22.94	23.03	23.04	1	24.5	
	16QAM	25	25	22.79	22.74	22.77	1	24.5	
		25	0	22.75	22.75	22.67	1	24.5	
		1	0	23.62	23.24	22.89	1	24.5	
		1	24	23.16	22.92	22.99	1	24.5	
		1	49	22.54	23.01	22.77	1	24.5	
	64QAM	25	0	22.02	21.81	21.83	2	23.5	
		25	12	22.01	21.84	21.81	2	23.5	
		25	25	21.87	21.63	21.70	2	23.5	
		50	0	21.85	21.69	21.78	2	23.5	
		1	0	21.77	22.11	22.13	2	23.5	
	256QAM	1	24	21.88	21.84	21.81	2	23.5	
		1	49	22.04	21.62	21.51	2	23.5	
		25	0	20.94	20.85	20.81	3	22.5	
		25	12	20.98	20.67	20.78	3	22.5	
		25	25	20.80	20.75	20.57	3	22.5	
5	QPSK	50	0	20.94	20.63	20.63	3	22.5	
		0	0	19.74	19.68	19.67	5	20.5	
		1	24	19.69	19.62	19.73	5	20.5	
		1	49	19.00	18.82	18.83	5	20.5	
		25	0	18.97	18.68	18.73	5	20.5	
	16QAM	25	12	18.83	18.60	18.67	5	20.5	
		25	25	18.65	18.61	18.79	5	20.5	
		50	0	18.65	18.27	18.46	5	20.5	
		1	0	21.85	22.08	22.20	2	23.5	
		1	12	21.80	21.78	21.82	2	23.5	
	64QAM	1	24	21.94	21.72	21.88	2	23.5	
		12	0	20.89	20.79	20.84	3	22.5	
		12	6	20.95	20.81	20.79	3	22.5	
		13	13	20.87	20.73	20.58	3	22.5	
		25	0	20.85	20.68	20.89	3	22.5	
	256QAM	1	0	18.86	18.18	18.09	5	20.5	
		1	12	18.96	18.91	18.78	5	20.5	
		1	24	18.99	18.68	18.67	5	20.5	
		12	6	18.87	18.68	18.73	5	20.5	
		12	6	18.86	18.64	18.66	5	20.5	

LTE Band 106 (AnB)									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	MPR [dB]	Max. Turn-up [dBm]	
		Channel	Frequency [MHz]	134322	134322	134372			
		Channel		683	683	688			
3	QPSK	1	0	24.42	24.42	24.42	0	25.5	
		1	7	24.30	24.30	24.30	0	25.5	
		1	14	24.35	24.35	24.35	0	25.5	
		8	0	23.41	23.41	23.41	1	24.5	
		8	3	23.39	23.39	23.39	1	24.5	
	16QAM	8	7	23.32	23.32	23.32	1	24.5	
		15	0	23.42	23.42	23.42	1	24.5	
		1	0	23.62	23.62	23.62	1	24.5	
		1	7	23.73	23.73	23.73	1	24.5	
		1	14	23.58	23.58	23.58	1	24.5	
	64QAM	8	0	22.99	22.99	22.99	2	23.5	
		8	3	22.93	22.93	22.93	2	23.5	
		8	7	22.95	22.95	22.95	2	23.5	
		8	7	22.48	22.48	22.48	2	23.5	
		15	0	22.92	22.92	22.92	2	23.5	
	256QAM	1	0	22.92	22.92	22.92	2	23.5	
		1	7	22.98	22.98	22.98	2	23.5	
		1	14	22.99	22.99	22.99	2	23.5	
		8	3	22.41	22.41	22.41	2	23.5	
		8	3	22.32	22.32	22.32	2	23.5	
1.4	QPSK	1	0	24.19	24.23	24.21	0	25.5	
		1	2	24.32	24.30	24.29	0	25.5	
		1	5	24.26	24.23	24.21	0	25.5	
		3	0	24.30	24.20	24.28	0	25.5	
		3	1	24.22	24.32	24.28	0	25.5	
	16QAM	3	3	24.28	24.28	24.13	0	25.5	
		6	0	23.28	23.17	23.22	1	24.5	
		1	0	23.84	24.06	23.97	1	24.5	
		1	2	23.60	24.05	23.73	1	24.5	
		1	5	23.67	23.62	23.97	1	24.5	
	64QAM	3	0	23.37	23.33	23.37	1	24.5	
		3	1	23.49	23.41	23.32	1	24.5	
		3	3	23.45	23.44	23.42	1	24.5	
		6	0	22.39	22.25	22.29	2	23.5	
		1	0	22.44	22.41	22.40	2	23.5	
	256QAM	1	2	22.58	22.54	22.56	2	23.5	
		1	5	22.63	22.54	22.44	2	23.5	
		3	0	22.55	22.34	22.41	2	23.5	
		3	1	22.47	22.38	22.39	2	23.5	
		3	3	22.42	22.33	22.33	2	23.5	

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HPUE LTE Band 41 (Ant0)											
BW [MHz]	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	MPR (dB)	Max. Tune-up (dBm)	
		Channel		39750	40185	40620	41055	41490			
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	24.91	24.85	25.04	24.94	24.83	0	26	
		1	50	24.85	24.76	25.01	24.91	24.79	0	26	
		1	99	24.81	24.70	24.97	24.92	24.80	0	26	
		50	0	23.87	23.82	24.01	23.97	23.83	1	25	
		50	25	23.95	23.88	24.04	24.06	23.84	1	25	
		50	50	23.91	23.83	24.01	24.05	23.72	1	25	
		100	0	23.95	23.86	23.99	23.97	23.83	1	25	
		1	0	24.33	24.35	24.39	24.33	24.27	1	25	
		1	50	24.30	24.33	24.36	24.31	24.25	1	25	
		1	99	24.29	24.31	24.33	24.28	24.31	1	25	
	16QAM	50	0	23.03	23.06	23.04	23.02	23.06	2	24	
		50	25	23.01	23.05	23.03	23.06	23.01	2	24	
		50	50	23.06	23.09	23.10	23.02	23.03	2	24	
		100	0	23.03	23.03	23.01	23.04	23.05	2	24	
		1	0	23.32	23.28	23.34	23.31	23.36	2	24	
		1	50	23.35	23.23	23.28	23.33	23.31	2	24	
		1	99	23.31	23.21	23.27	23.29	23.35	2	24	
		50	0	22.11	22.03	22.06	22.08	22.01	3	23	
		50	25	22.09	22.05	22.06	22.03	22.05	3	23	
		50	50	22.04	22.01	22.11	22.06	22.08	3	23	
	64QAM	100	0	22.01	22.03	22.03	22.08	22.06	3	23	
		1	0	20.25	20.15	20.23	20.16	20.21	5	21	
		1	50	20.28	20.13	20.18	20.13	20.13	5	21	
		1	99	20.21	20.11	20.15	20.13	20.18	5	21	
		50	0	20.03	20.08	20.05	20.05	20.09	5	21	
		50	25	20.06	20.10	20.09	20.06	20.03	5	21	
		50	50	20.08	20.06	20.10	20.02	20.04	5	21	
		100	0	20.04	20.03	20.06	20.07	20.08	5	21	
		256QAM	Channel		39725	40172.5	40620	41067.5	41515	MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		2503.5	2548.25	2593	2637.75	2682.5		
15	QPSK	1	0	24.81	24.80	24.98	24.85	24.76	0	26	
		1	37	24.84	24.67	24.89	24.81	24.71	0	26	
		1	74	24.75	24.69	24.86	24.79	24.73	0	26	
		36	0	23.76	23.81	23.94	23.96	23.77	1	25	
		36	19	23.83	23.82	23.88	23.91	23.81	1	25	
		36	39	23.87	23.81	23.93	23.96	23.76	1	25	
		75	0	23.88	23.75	23.86	24.00	23.72	1	25	
		1	0	24.20	24.23	24.24	24.32	24.22	1	25	
		1	37	24.23	24.21	24.25	24.27	24.21	1	25	
		1	74	24.28	24.23	24.27	24.19	24.20	1	25	
	16QAM	36	0	23.02	22.93	22.94	22.89	22.92	2	24	
		36	19	22.89	22.98	22.91	23.05	22.92	2	24	
		36	39	23.05	22.96	22.95	22.89	23.01	2	24	
		75	0	22.98	22.89	22.87	22.92	22.92	2	24	
		1	0	23.28	23.26	23.26	23.30	23.23	2	24	
		1	37	23.20	23.21	23.16	23.32	23.27	2	24	
		1	74	23.17	23.12	23.21	23.22	23.20	2	24	
		36	0	21.97	21.88	22.05	21.97	21.91	3	23	
		36	19	22.08	21.93	21.94	21.88	21.90	3	23	
		36	39	21.97	21.93	22.10	22.03	22.00	3	23	
	64QAM	75	0	21.97	22.02	21.88	21.93	21.99	3	23	
		1	0	20.23	20.12	20.08	20.06	20.14	5	21	
		1	37	20.19	19.98	20.14	20.03	20.10	5	21	
		1	74	20.15	20.04	20.09	20.05	20.12	5	21	
		36	0	19.99	19.95	20.01	19.95	20.02	5	21	
		36	19	19.96	19.95	19.95	19.91	19.97	5	21	
		36	39	19.95	20.05	20.03	19.99	19.92	5	21	
		75	0	20.03	19.91	19.92	19.98	19.94	5	21	
	256QAM	Channel		39700	40160	40620	41080	41540	MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2501	2547	2593	2639	2685			
10	QPSK	1	0	24.88	24.70	25.01	24.89	24.72	0	26	
		1	24	24.71	24.67	24.98	24.85	24.74	0	26	
		1	49	24.72	24.64	24.83	24.86	24.78	0	26	
		25	0	23.72	23.72	23.86	23.86	23.76	1	25	
		25	12	23.88	23.85	23.88	24.05	23.79	1	25	
		25	25	23.88	23.72	23.91	23.97	23.78	1	25	
		50	0	23.91	23.81	23.93	23.96	23.75	1	25	
		1	0	24.30	24.24	24.31	24.18	24.23	1	25	
		1	24	24.26	24.26	24.31	24.30	24.18	1	25	
		1	49	24.26	24.19	24.29	24.25	24.25	1	25	
	16QAM	25	0	23.01	22.91	22.91	22.98	22.99	2	24	
		25	12	22.89	23.03	22.95	22.95	22.96	2	24	
		25	25	22.98	23.04	23.02	22.88	22.93	2	24	
		50	0	22.99	22.92	22.95	23.01	23.04	2	24	
		1	0	23.12	23.25	23.13	23.27	23.20	2	24	
		1	24	23.07	23.16	23.04	23.28	23.13	2	24	
		1	49	23.19	23.13	23.21	23.24	23.14	2	24	
		25	0	21.95	21.93	21.89	22.03	21.81	3	23	
		25	12	21.99	22.00	21.83	21.93	21.84	3	23	
		25	25	21.83	21.88	21.98	21.94	22.00	3	23	
	64QAM	50	0	21.85	21.89	21.86	21.99	21.98	3	23	
		1	0	20.13	20.04	20.20	20.04	20.14	5	21	
		1	24	20.27	20.00	20.06	19.99	20.10	5	21	
		1	49	20.06	20.03	20.14	20.00	20.15	5	21	
		25	0	19.98	20.06	20.00	19.91	19.95	5	21	
		25	12	20.02	20.07	19.97	19.94	19.88	5	21	
		25	25	20.01	20.03	20.07	19.97	19.96	5	21	
		50	0	19.90	19.98	19.93	20.01	20.03	5	21	
	256QAM	Channel		39675	40147.5	40620	41092.5	41565	MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2496.5	2545.75	2593	2640.25	2687.5			
5	QPSK	1	0	24.89	24.74	25.00	24.90	24.77	0	26	
		1	12	24.82	24.66	24.94	24.83	24.71	0	26	
		1	24	24.80	24.59	24.96	24.90	24.72	0	26	
		12	0	23.86	23.68	23.95	23.91	23.81	1	25	
		12	6	23.86	23.83	23.97	23.98	23.83	1	25	
		12	13	23.89	23.68	23.90	23.91	23.73	1	25	
		25	0	23.90	23.72	23.96	24.02	23.76	1	25	
		1	0	24.21	24.28	24.34	24.31	24.24	1	25	
		1	12	24.26	24.32	24.22	24.30	24.21	1	25	
		1	24	24.21	24.29	24.18	24.13	24.22	1	25	
	16QAM	12	0	22.90	22.91	22.95	22.94	22.99	2	24	
		12	6	23.00	22.92	22.98	22.97	22.98	2	24	
		12	13	22.93	23.06	22.98	22.94	22.88	2	24	
		25	0	22.93	23.02	22.87	22.95	22.95	2	24	
		1	0	23.31	23.14	23.20	23.24	23.27	2	24	
		1	12	23.22	23.08	23.17	23.26	23.16	2	24	
		1	24	23.27	23.10	23.24	23.27	23.33	2	24	
		12	0	22.10	21.96	22.01	21.94	21.86	3	23	
		12	6	22.05	21.90	21.92	21.89	21.95	3	23	
		12	13	21.97	21.87	21.97	21.95	21.98	3	23	
	64QAM	25	0	21.90	22.01	21.89	21.95	21.97	3	23	
		1	0	20.21	20.02	20.20	20.02	20.07	5	21	
		1	12	20.13	20.08	20.04	20.04	20.11	5	21	
		1	24	20.08	20.10	20.05	20.09	20.06	5	21	
		12	0	19.97	19.95	19.99	19.95	20.06	5	21	
		12	6	19.97	20.01	20.02	19.99	19.94	5	21	
		12	13	20.04	19.94	19.95	19.89	19.91	5	21	
		25	0	20.02	19.93	19.91	19.92	19.97	5	21	
		256QAM	Channel		39650	40117.5	40620	41072.5	41525	MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		2494	2543.75	2593	2639.75	2685		

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n2 (SCS 15kHz)_Ant0									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
				Channel	372000	376000			
				Frequency (MHz)	1860	1880			
20	Pi/2 BPSK	1	1	23.35	23.38	23.30	0	25.0	
		1	53	23.40	23.42	23.20	0	25.0	
		1	104	23.56	23.42	23.32	0	25.0	
		50	0	23.51	23.35	23.37	0	25.0	
		50	28	23.45	23.43	23.40	0	25.0	
		50	56	23.57	23.44	23.36	0	25.0	
		100	0	23.63	23.37	23.42	0	25.0	
		100	0	23.63	23.37	23.42	0	25.0	
	QPSK	1	1	23.69	23.58	23.50	0	25.0	
		1	53	23.45	23.46	23.35	0	25.0	
		1	104	23.57	23.56	23.35	0	25.0	
		50	0	23.55	23.51	23.41	0	25.0	
		50	28	23.56	23.53	23.46	0	25.0	
		50	56	23.46	23.48	23.36	0	25.0	
		100	0	23.66	23.50	23.27	0	25.0	
		100	0	23.66	23.50	23.27	0	25.0	
	16QAM	1	1	23.48	23.44	23.42	0	25.0	
	64QAM	1	1	21.95	21.79	21.70	2.5	22.5	
	256QAM	1	1	19.80	19.74	19.71	4.5	20.5	
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up	
15	QPSK	1	1	23.22	23.25	23.19	0	25.0	
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up	
10	QPSK	1	1	23.20	23.26	23.29	0	25.0	
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up	
5	QPSK	1	1	23.15	23.17	23.21	0	25.0	

n2 (SCS 15kHz)_Ant2									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
				Channel	372000	376000			
				Frequency (MHz)	1860	1880			
20	Pi/2 BPSK	1	1	23.93	24.02	24.26	0	25.0	
		1	53	24.16	24.12	24.21	0	25.0	
		1	104	24.29	24.33	24.34	0	25.0	
		50	0	23.68	23.78	23.82	0.5	24.5	
		50	28	24.25	24.32	24.37	0	25.0	
		50	56	23.87	23.86	23.87	0.5	24.5	
		100	0	23.72	23.83	23.89	0.5	24.5	
		100	0	23.72	23.83	23.89	0.5	24.5	
	QPSK	1	1	24.07	24.39	24.23	0	25.0	
		1	53	24.00	24.32	24.09	0	25.0	
		1	104	23.77	24.17	24.14	0	25.0	
		50	0	23.21	23.28	23.39	1	24.0	
		50	28	24.26	24.32	24.31	0	25.0	
		50	56	23.37	23.35	23.42	1	24.0	
		100	0	23.26	23.40	23.34	1	24.0	
		100	0	23.26	23.40	23.34	1	24.0	
	16QAM	1	1	23.21	23.38	23.37	1	24.0	
	64QAM	1	1	21.75	21.90	21.90	2.5	22.5	
	256QAM	1	1	19.69	19.82	19.86	4.5	20.5	
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up	
15	QPSK	1	1	23.90	23.96	23.93	0	25.0	
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up	
10	QPSK	1	1	23.78	23.81	23.80	0	25.0	
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up	
5	QPSK	1	1	23.75	23.79	23.72	0	25.0	

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n5 (SCS 15kHz)_Ant0									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
				Channel	166800	167300			167800
20	Pi/2 BPSK	Frequency (MHz)		834	836.5	839			
		1	1	23.21	23.27	23.47	0	25.0	
		1	53	23.41	23.46	23.24	0	25.0	
		1	104	23.59	23.48	23.38	0	25.0	
		50	0	23.48	23.68	23.54	0	25.0	
		50	28	23.72	23.68	23.59	0	25.0	
		50	56	23.68	23.78	23.66	0	25.0	
	QPSK	100	0	23.68	23.59	23.61	0	25.0	
		1	1	23.81	23.92	23.85	0	25.0	
		1	53	23.56	23.57	23.32	0	25.0	
		1	104	23.64	23.61	23.43	0	25.0	
		50	0	23.63	23.73	23.65	0	25.0	
		50	28	23.78	23.79	23.71	0	25.0	
		50	56	23.62	23.71	23.58	0	25.0	
	16QAM	100	0	23.74	23.78	23.75	0	25.0	
		16QAM	1	1	23.59	23.63	23.64	0	25.0
		64QAM	1	1	21.66	21.72	21.82	2.5	22.5
	256QAM	1	1	19.67	19.77	19.67	4.5	20.5	
	BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
15	QPSK	Frequency (MHz)		831.5	836.5	841.5			
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up	
10	QPSK	Frequency (MHz)		829	836.5	844			
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	169300	MPR (dB)	Max. Tune-up	
5	QPSK	Frequency (MHz)		826.5	836.5	846.5			

n7 (SCS 15kHz)_Ant0									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
		Channel		502000	507000	512000			
20	Pi/2 BPSK	Frequency (MHz)		2510	2535	2560			
		1	1	24.12	24.36	24.43	0	25.5	
		1	53	24.05	24.31	24.38	0	25.5	
		1	104	24.18	24.42	23.97	0	25.5	
		50	0	23.95	24.01	24.04	0.5	25.0	
		50	28	24.12	24.48	24.49	0	25.5	
		50	56	23.83	24.12	24.16	0.5	25.0	
	QPSK	100	0	23.56	24.02	23.77	0.5	25.0	
		1	1	24.35	24.54	24.52	0	25.5	
		1	53	24.28	24.52	24.46	0	25.5	
		1	104	24.31	24.51	23.98	0	25.5	
		50	0	23.62	23.65	23.63	1	24.5	
		50	28	24.32	24.53	24.52	0	25.5	
		50	56	23.54	23.88	23.71	1	24.5	
	16QAM	100	0	23.48	23.78	23.67	1	24.5	
		16QAM	1	1	23.76	23.95	23.99	1	24.5
		64QAM	1	1	21.77	21.81	21.83	2.5	23.0
		256QAM	1	1	19.51	19.71	19.82	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up	
15	QPSK	Frequency (MHz)		2507.5	2535	2562.5			
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up	
10	QPSK	1	1	24.22	24.06	24.15	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up	
5	QPSK	Frequency (MHz)		2502.5	2535	2567.5			
	QPSK	1	1	24.18	24.03	24.10	0	25.5	

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n25 (SCS 15 kHz)_Ant0										
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)		
		Channel		372000	376500	381000				
		Frequency (MHz)		1860	1882.5	1905				
20	DFT-s-OFDM RV2 BPSK	1	1	23.39	23.46	23.19	0	25.0		
		1	53	23.44	23.31	23.16	0	25.0		
		1	104	23.36	23.28	23.08	0	25.0		
		50	0	23.41	23.08	23.22	0	25.0		
		50	28	23.46	23.04	23.12	0	25.0		
		50	56	23.55	23.35	23.18	0	25.0		
		100	0	23.14	23.22	23.18	0	25.0		
	DFT-s-OFDM QPSK	1	1	23.67	23.56	23.34	0	25.0		
		1	53	23.46	23.41	23.26	0	25.0		
		1	104	23.44	23.32	23.15	0	25.0		
		50	0	23.42	23.20	23.23	0	25.0		
		50	28	23.56	23.42	23.24	0	25.0		
		50	56	23.49	23.19	23.17	0	25.0		
		100	0	23.29	23.24	23.19	0	25.0		
	DFT-s-OFDM 16QAM	1	1	23.27	23.45	23.37	0	25.0		
	DFT-s-OFDM 64QAM	1	1	21.59	21.71	21.70	2.5	22.5		
	DFT-s-OFDM 256QAM	1	1	19.49	19.39	19.26	4.5	20.5		
BW [MHz]	MCS Index	Channel		371500	376500	381500	MPR (dB)	Max. Tune-up		
15	DFT-s-OFDM QPSK	1	1	23.65	23.46	23.26	0	25		
BW [MHz]	MCS Index	Channel		371000	376500	382000	MPR (dB)	Max. Tune-up		
10	DFT-s-OFDM QPSK	1	1	23.44	23.37	23.19	0	25		
BW [MHz]	MCS Index	Channel		370500	376500	382500	MPR (dB)	Max. Tune-up		
5	DFT-s-OFDM QPSK	1	1	23.18	23.29	23.24	0	25		

n25 (SCS 15 kHz)_Ant2										
BW [MHz]	MCS Index	RB Size		RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
		Channel			372000	376500	381000			
		Frequency (MHz)			1860	1882.5	1905			
20	DFT-s-OFDM Pv2 BPSK	1	1		23.82	23.93	24.09	0	25.0	
		1	53		23.95	24.05	24.08	0	25.0	
		1	104		24.02	24.15	24.02	0	25.0	
		50	0		23.57	23.59	23.63	0.5	24.5	
		50	28		24.08	24.14	24.18	0	25.0	
		50	56		23.67	23.74	23.72	0.5	24.5	
		100	0		23.57	23.64	23.68	0.5	24.5	
	DFT-s-OFDM QPSK	1	1		23.85	23.93	24.22	0	25.0	
		1	53		23.83	23.86	24.07	0	25.0	
		1	104		23.79	23.91	24.01	0	25.0	
		50	0		23.05	23.11	23.19	1	24.0	
		50	28		24.12	24.14	24.17	0	25.0	
		50	56		23.15	23.23	23.14	1	24.0	
		100	0		23.10	23.13	23.22	1	24.0	
	DFT-s-OFDM 16QAM	1	1		23.46	23.55	23.54	1	24.0	
	DFT-s-OFDM 64QAM	1	1		21.39	21.32	21.34	2.5	22.5	
	DFT-s-OFDM 256QAM	1	1		19.29	19.33	19.36	4.5	20.5	
BW [MHz]	MCS Index	Channel			371500	376500	381500	MPR (dB)	Max. Tune-up	
15	DFT-s-OFDM QPSK	1	1		23.82	23.71	23.83	0	25	
BW [MHz]	MCS Index	Channel			371000	376500	382000	MPR (dB)	Max. Tune-up	
10	DFT-s-OFDM QPSK	1	1		23.62	23.64	23.71	0	25	
BW [MHz]	MCS Index	Channel			370500	376500	382500	MPR (dB)	Max. Tune-up	
5	DFT-s-OFDM QPSK	1	1		23.75	23.72	23.77	0	25	

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n30 (SCS 15 kHz)_Ant0								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			462000			
		Frequency (MHz)			2310			
10	DFT-s-OFDM Pi/2 BPSK	1	1		23.12		0	25.0
		1	26		23.09		0	25.0
		1	50		23.08		0	25.0
		25	0		22.56		0.5	24.5
		25	14		23.10		0	25.0
		25	27		22.66		0.5	24.5
		50	0		22.66		0.5	24.5
	DFT-s-OFDM QPSK	1	1		23.16		0	25.0
		1	26		23.15		0	25.0
		1	50		23.06		0	25.0
		25	0		22.71		1	24.0
		25	14		23.09		0	25.0
		25	27		22.76		1	24.0
		50	0		22.72		1	24.0
	DFT-s-OFDM 16QAM	1	1		22.45		1	24.0
	DFT-s-OFDM 64QAM	1	1		21.56		2.5	22.5
	DFT-s-OFDM 256QAM	1	1		19.27		4.5	20.5

n30 (SCS 15 kHz)_Ant2								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			462000			
		Frequency (MHz)			2310			
10	DFT-s-OFDM Pv2 BPSK	1	1		23.95		0	25.0
		1	26		23.89		0	25.0
		1	50		23.80		0	25.0
		25	0		23.80		0.5	24.5
		25	14		23.77		0	25.0
		25	27		23.88		0.5	24.5
		50	0		23.77		0.5	24.5
	DFT-s-OFDM QPSK	1	1		24.18		0	25.0
		1	26		24.09		0	25.0
		1	50		23.80		0	25.0
		25	0		23.81		1	24.0
		25	14		23.98		0	25.0
		25	27		23.90		1	24.0
		50	0		23.71		1	24.0
	DFT-s-OFDM 16QAM	1	1		23.87		1	24.0
	DFT-s-OFDM 64QAM	1	1		22.42		2.5	22.5
	DFT-s-OFDM 256QAM	1	1		20.35		4.5	20.5

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n38 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequency (MHz)		2580	2595	2600		
40	Pi/2 BPSK	1	1	24.35	24.31	24.23	0	25.5
		1	53	24.11	24.16	24.17	0	25.5
		1	104	24.31	24.21	24.20	0	25.5
		50	0	24.34	24.16	24.18	0.5	25.0
		50	28	24.16	24.29	24.34	0	25.5
		50	56	24.35	24.23	24.24	0.5	25.0
		100	0	24.36	24.32	24.27	0.5	25.0
	QPSK	1	1	24.57	24.59	24.55	0	25.5
		1	53	24.20	24.29	24.32	0	25.5
		1	104	24.33	24.27	24.31	0	25.5
		50	0	24.36	24.31	24.33	1	24.5
		50	28	24.40	24.45	24.39	0	25.5
		50	56	24.37	24.30	24.36	1	24.5
		100	0	24.36	24.39	24.38	1	24.5
	16QAM	1	1	24.42	24.47	24.39	1	24.5
	64QAM	1	1	22.67	22.76	22.56	2.5	23.0
	256QAM	1	1	20.44	20.42	20.38	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR	Max.
		Frequency (MHz)		2585	2595	2605	(dB)	Tune-up
30	QPSK	1	1	24.27	24.29	24.33	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR	Max.
		Frequency (MHz)		2580	2595	2610	(dB)	Tune-up
20	QPSK	1	1	24.06	24.07	24.00	0	25.5

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n41 (SCS 30kHz)_Ant0									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
				Channel	509202	518598			
				Frequency (MHz)	2546.01	2592.99			
100	Pi/2 BPSK	1	1	23.86	23.98	23.99	0	25.5	
		1	137	24.05	24.05	24.16	0	25.5	
		1	271	24.00	24.12	24.05	0	25.5	
		135	0	23.98	24.07	23.97	0	25.5	
		135	69	24.07	24.07	24.16	0	25.5	
		135	138	24.11	24.23	24.16	0	25.5	
		270	0	23.92	24.09	24.14	0	25.5	
	QPSK	1	1	24.19	24.36	24.25	0	25.5	
		1	137	24.06	24.19	24.19	0	25.5	
		1	271	24.05	24.25	24.16	0	25.5	
		135	0	24.10	24.13	24.08	0	25.5	
		135	69	24.14	24.32	24.22	0	25.5	
		135	138	24.11	24.19	24.18	0	25.5	
		270	0	24.06	24.20	24.15	0	25.5	
	16QAM	1	1	24.16	24.19	24.00	0	25.5	
	64QAM	1	1	22.52	22.68	22.66	1	24.5	
	256QAM	1	1	21.17	21.20	21.14	3	22.5	
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up	
90	QPSK	1	1	24.02	24.06	24.10	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up	
80	QPSK	1	1	24.00	24.13	24.19	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up	
70	QPSK	1	1	24.11	24.02	24.16	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up	
60	QPSK	1	1	24.20	24.16	24.18	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up	
50	QPSK	1	1	24.06	24.24	24.18	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up	
40	QPSK	1	1	24.09	24.08	24.10	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up	
30	QPSK	1	1	24.10	24.01	24.09	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up	
20	QPSK	1	1	24.09	24.02	24.15	0	25.5	

n41 (SCS 30kHz)_Ant2									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
				Channel	509202	518598			
				Frequency (MHz)	2546.01	2592.99			
100	Pi/2 BPSK	1	1	24.39	24.50	24.00	0	25.5	
		1	137	24.42	24.51	24.21	0	25.5	
		1	271	24.58	24.49	24.56	0	25.5	
		135	0	24.36	24.46	24.11	0	25.5	
		135	69	24.40	24.51	24.31	0	25.5	
		135	138	24.48	24.55	24.56	0	25.5	
		270	0	24.39	24.35	24.42	0	25.5	
	QPSK	1	1	24.42	24.59	24.28	0	25.5	
		1	137	24.21	24.55	24.11	0	25.5	
		1	271	24.37	24.45	24.17	0	25.5	
		135	0	24.30	24.29	24.08	0	25.5	
		135	69	24.36	24.52	24.33	0	25.5	
		135	138	24.24	24.31	24.19	0	25.5	
		270	0	24.35	24.36	24.25	0	25.5	
	16QAM	1	1	24.35	24.32	24.01	0	25.5	
	64QAM	1	1	24.00	23.81	23.71	1	24.5	
	256QAM	1	1	22.65	22.60	22.33	2	23.5	
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up	
90	QPSK	1	1	24.55	24.51	24.35	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up	
80	QPSK	1	1	24.52	24.49	24.34	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up	
70	QPSK	1	1	24.55	24.47	24.31	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up	
60	QPSK	1	1	24.57	24.44	24.39	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up	
50	QPSK	1	1	24.51	24.41	24.41	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up	
40	QPSK	1	1	24.53	24.46	24.43	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up	
30	QPSK	1	1	24.55	24.47	24.45	0	25.5	
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up	
20	QPSK	1	1	24.55	24.44	24.37	0	25.5	

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n48 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size RB Offset		Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
40	PI/2 BPSK	Frequency (MHz)		3570	3624.99	3679.98		
		1	1	23.69	23.91	24.04	0	25.5
		1	53	23.85	24.15	24.11	0	25.5
		1	104	23.90	23.97	24.01	0	25.5
		50	0	23.09	23.15	23.15	0.5	25.0
		50	28	23.83	24.14	23.90	0	25.5
		50	56	23.14	23.12	23.07	0.5	25.0
		100	0	23.08	23.25	23.05	0.5	25.0
	QPSK	1	1	23.98	24.16	24.21	0	25.5
		1	53	23.95	24.13	24.15	0	25.5
		1	104	23.76	24.05	24.09	0	25.5
		50	0	22.84	23.28	23.17	1	24.5
		50	28	23.88	24.04	24.09	0	25.5
		50	56	22.92	23.15	23.07	1	24.5
		100	0	22.85	23.07	23.15	1	24.5
	16QAM	1	1	22.81	23.02	23.19	1	24.5
	64QAM	1	1	21.08	21.29	21.51	2.5	23.0
	256QAM	1	1	19.09	19.38	19.46	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	23.86	24.19	24.16	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	23.82	24.16	24.08	0	25.5

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n66 (SCS 15kHz)_Ant0										
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low			High	MPR (dB)	Max. Tune-up (dBm)	
				Channel	345000	349000				353000
30	Pi/2 BPSK	Frequency (MHz)			1725	1745	1765			
		1	1	24.97	25.18	24.97	0	25.5		
		1	80	25.11	25.13	24.95	0	25.5		
		1	158	25.24	25.20	25.10	0	25.5		
		80	0	24.03	24.27	24.11	0.5	25.0		
		80	40	25.18	25.25	25.21	0	25.5		
		80	80	24.33	24.25	24.09	0.5	25.0		
		160	0	24.19	24.27	24.13	0.5	25.0		
	QPSK	1	1	25.19	25.27	25.11	0	25.5		
		1	80	25.16	25.14	25.06	0	25.5		
		1	158	25.07	25.25	25.01	0	25.5		
		80	0	24.16	24.30	24.21	1	24.5		
		80	40	25.18	25.21	25.15	0	25.5		
		80	80	24.34	24.35	24.21	1	24.5		
	160	0	24.21	24.33	24.19	1	24.5			
	16QAM	1	1	24.25	24.37	24.32	1	24.5		
	64QAM	1	1	22.46	22.58	22.53	2.5	23.0		
256QAM	1	1	20.42	20.55	20.46	4.5	21.0			
BW [MHz]	DFT-s-OFDM	Channel			344000	349000	354000	MPR (dB)	Max. Tune-up	
20	QPSK	1	1	25.12	25.23	24.96	0	25.5		
BW [MHz]	DFT-s-OFDM	Channel			343500	349000	354500	MPR (dB)	Max. Tune-up	
15	QPSK	1	1	25.13	25.12	25.09	0	25.5		
BW [MHz]	DFT-s-OFDM	Channel			343000	349000	355000	MPR (dB)	Max. Tune-up	
10	QPSK	1	1	25.09	25.09	25.07	0	25.5		
BW [MHz]	DFT-s-OFDM	Channel			342500	349000	355500	MPR (dB)	Max. Tune-up	
5	QPSK	1	1	24.83	25.04	25.10	0	25.5		

n66 (SCS 15kHz)_Ant2										
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)		
		Channel			345000	349000				353000
30	Pi/2 BPSK	Frequency (MHz)			1725	1745	1765			
		1	1	24.08	23.93	24.09	0	25.5		
		1	80	24.12	23.96	24.02	0	25.5		
		1	158	24.02	23.97	24.05	0	25.5		
		80	0	23.68	23.52	23.44	0.5	25.0		
		80	40	24.21	24.06	24.07	0	25.5		
		80	80	23.84	23.67	23.73	0.5	25.0		
		160	0	23.47	23.56	23.51	0.5	25.0		
	QPSK	1	1	24.35	24.19	23.94	0	25.5		
		1	80	24.05	24.15	23.75	0	25.5		
		1	158	24.02	24.02	23.87	0	25.5		
		80	0	23.22	23.11	23.25	1	24.5		
		80	40	24.27	24.05	24.12	0	25.5		
		80	80	23.73	23.52	23.62	1	24.5		
		160	0	23.13	23.10	23.03	1	24.5		
		16QAM	1	1	23.68	23.52	23.37	1	24.5	
64QAM	1	1	21.53	21.56	21.16	2.5	23.0			
256QAM	1	1	19.51	19.31	19.21	4.5	21.0			
BW [MHz]	DFT-s-OFDM	Channel			344000	349000	354000	MPR (dB)	Max. Tune-up	
20	QPSK	1	1	24.21	24.03	23.83	0	25.5		
BW [MHz]	DFT-s-OFDM	Channel			343500	349000	354500	MPR (dB)	Max. Tune-up	
15	QPSK	1	1	24.25	23.97	23.81	0	25.5		
BW [MHz]	DFT-s-OFDM	Channel			343000	349000	355000	MPR (dB)	Max. Tune-up	
10	QPSK	1	1	24.16	23.96	23.78	0	25.5		
BW [MHz]	DFT-s-OFDM	Channel			342500	349000	355500	MPR (dB)	Max. Tune-up	
5	QPSK	1	1	24.20	23.88	23.74	0	25.5		

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n71 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		134600	136100	137600		
		Frequency (MHz)		673	680.5	688		
20	Pi/2 BPSK	1	1	24.05	24.03	23.94	0	25.5
		1	53	23.98	23.88	23.86	0	25.5
		1	104	23.94	23.79	23.67	0	25.5
		50	0	23.07	23.21	23.01	0.5	25.0
		50	28	24.00	23.98	23.95	0	25.5
		50	56	23.14	23.01	23.01	0.5	25.0
		100	0	23.14	23.06	23.13	0.5	25.0
	QPSK	1	1	24.13	24.09	24.06	0	25.5
		1	53	24.01	23.96	23.87	0	25.5
		1	104	23.97	23.94	23.79	0	25.5
		50	0	23.11	23.22	23.05	1	24.5
		50	28	24.10	24.08	24.02	0	25.5
		50	56	23.12	23.03	23.02	1	24.5
		100	0	23.21	23.08	22.98	1	24.5
	16QAM	1	1	23.43	23.35	23.21	1	24.5
	64QAM	1	1	21.40	21.33	21.29	2.5	23.0
	256QAM	1	1	19.31	19.27	19.28	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		134100	136100	138100	MPR	Max.
		Frequency (MHz)		670.5	680.5	690.5	(dB)	Tune-up
15	QPSK	1	1	24.10	23.99	24.01	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		133600	136100	138600	MPR	Max.
		Frequency (MHz)		668	680.5	693	(dB)	Tune-up
10	QPSK	1	1	24.04	23.94	23.97	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		133100	136100	139100	MPR	Max.
		Frequency (MHz)		665.5	680.5	695.5	(dB)	Tune-up
5	QPSK	1	1	24.01	24.03	24.05	0	25.5

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Part27Q_n77 (SCS 30kHz)_Ant1									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
		Channel Frequency (MHz)							
100	Pi/2 BPSK	1	1		22.90		0	24.5	
		1	137		22.85		0	24.5	
		1	271		22.98		0	24.5	
		135	0		22.93		0	24.5	
		135	69		22.90		0	24.5	
		135	138		22.80		0	24.5	
		270	0		22.80		0	24.5	
	QPSK	1	1		23.11		0	24.5	
		1	137		22.96		0	24.5	
		1	271		22.99		0	24.5	
		135	0		23.00		0	24.5	
		135	69		23.01		0	24.5	
		135	138		22.93		0	24.5	
		270	0		22.92		0	24.5	
	16QAM	1	1		22.91		0	24.5	
	64QAM	1	1		22.64		0.5	24.0	
	256QAM	1	1		21.65		1	23.5	
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up	
80	QPSK	Frequency (MHz)		3490.02	3500.01	3510			
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up	
60	QPSK	Frequency (MHz)		3480	3500.01	3519.99			
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up	
40	QPSK	Frequency (MHz)		3470.01	3500.01	3529.98			
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up	
30	QPSK	Frequency (MHz)		3465	3500.01	3534.99			
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up	
20	QPSK	Frequency (MHz)		3460.02	3500.01	3540			

Part27O_n77 (SCS 30kHz)_Ant1									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
		Channel Frequency (MHz)							
100	Pi/2 BPSK	1	1		23.17	23.09	22.91	0	24.5
		1	137		23.11	22.94	23.04	0	24.5
		1	271		22.81	23.00	23.04	0	24.5
		135	0		23.14	22.98	22.88	0	24.5
		135	69		23.11	23.05	23.10	0	24.5
		135	138		22.90	22.98	23.09	0	24.5
		270	0		23.01	22.99	22.90	0	24.5
	QPSK	1	1		23.21	23.16	23.13	0	24.5
		1	137		23.16	23.08	23.11	0	24.5
		1	271		22.91	23.10	23.08	0	24.5
		135	0		23.15	23.05	23.03	0	24.5
		135	69		23.16	23.11	23.12	0	24.5
		135	138		23.04	23.04	23.05	0	24.5
		270	0		23.10	23.05	23.05	0	24.5
	16QAM	1	1		23.00	23.02	23.03	0	24.5
	64QAM	1	1		22.64	22.75	22.68	0.5	24.0
	256QAM	1	1		21.63	21.55	21.59	1	23.5
BW [MHz]	DFT-s-OFDM	Channel		649334	650000	662666	MPR (dB)	Max. Tune-up	
80	QPSK	Frequency (MHz)		3740.01	3840	3939.99			
BW [MHz]	DFT-s-OFDM	Channel		648668	650000	663332	MPR (dB)	Max. Tune-up	
60	QPSK	Frequency (MHz)		3730.02	3840	3949.98			
BW [MHz]	DFT-s-OFDM	Channel		648000	650000	664000	MPR (dB)	Max. Tune-up	
40	QPSK	Frequency (MHz)		3720	3840	3960			
BW [MHz]	DFT-s-OFDM	Channel		647668	650000	664332	MPR (dB)	Max. Tune-up	
30	QPSK	Frequency (MHz)		3715.02	3840	3964.98			
BW [MHz]	DFT-s-OFDM	Channel		647334	650000	664666	MPR (dB)	Max. Tune-up	
20	QPSK	Frequency (MHz)		3710.01	3840	3969.99			

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Part27Q_n78 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel Frequency (MHz)						
100	Pi/2 BPSK	1	1		633334 3500.01		0	24.5
		1	137		22.90		0	24.5
		1	271		22.91		0	24.5
		135	0		22.86		0	24.5
		135	69		22.99		0	24.5
		135	138		22.95		0	24.5
		270	0		22.91		0	24.5
		1	1		23.06		0	24.5
	QPSK	1	137		22.91		0	24.5
		1	271		22.92		0	24.5
		135	0		22.96		0	24.5
		135	69		23.03		0	24.5
		135	138		23.00		0	24.5
		270	0		22.99		0	24.5
		16QAM	1	1	22.97		0	24.5
		64QAM	1	1	22.56		0.5	24.0
		256QAM	1	1	21.57		1	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	22.91	22.98	22.93	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	22.96	22.97	23.01	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	22.93	23.03	23.02	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	22.91	23.00	22.95	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	22.99	22.91	22.98	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	23.03	23.01	23.01	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	22.91	23.00	22.95	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	22.97	23.01	22.93	0	24.5

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HPUE n41 (SCS 30kHz)_Ant0										
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)		
		Channel		509202	518598	528000				
100	Pv2 BPSK	Frequency (MHz)		2546.01	2592.99	2640				
		1	1	25.82	25.85	25.73	0	27.0		
		1	137	25.61	25.50	25.81	0	27.0		
		1	271	25.13	25.25	25.07	0	27.0		
		135	0	25.03	25.06	24.99	0.5	26.5		
		135	69	25.75	25.79	25.72	0	27.0		
		135	138	24.88	25.12	24.98	0.5	26.5		
		270	0	24.92	25.01	25.00	0.5	26.5		
		1	1	25.85	25.89	25.82	0	27.0		
		1	137	25.72	25.54	25.76	0	27.0		
	QPSK	1	271	25.21	25.35	25.17	0	27.0		
		135	0	25.05	25.11	25.02	1	26.0		
		135	69	25.83	25.87	25.77	0	27.0		
		135	138	24.96	25.18	25.05	1	26.0		
		270	0	25.00	25.16	25.09	1	26.0		
		16QAM	1	1	24.26	25.36	24.47	1	26.0	
		64QAM	1	1	23.57	23.63	23.39	2.5	24.5	
		256QAM	1	1	20.97	21.23	21.04	4.5	22.5	
		BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		90	QPSK	1	1	25.71	25.85	25.78	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up		
80	QPSK	1	1	25.77	25.76	25.78	0	27.0		
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up		
70	QPSK	1	1	25.71	25.74	25.77	0	27.0		
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up		
60	QPSK	1	1	25.84	25.86	25.73	0	27.0		
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up		
50	QPSK	1	1	25.72	25.87	25.68	0	27.0		
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up		
40	QPSK	1	1	25.77	25.83	25.67	0	27.0		
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up		
30	QPSK	1	1	25.75	25.86	25.74	0	27.0		
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up		
20	QPSK	1	1	25.74	25.79	25.73	0	27.0		

HPUE n41 (SCS 30KHz)_Ant2									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
		Channel		509202	518598	528000			
100	Pv2 BPSK	Frequency (MHz)		2546.01	2592.99	2640			
		1	1	25.83	25.91	25.77	0	27.0	
		1	137	26.25	25.75	26.46	0	27.0	
		1	271	25.46	26.02	25.20	0	27.0	
		135	0	26.19	25.78	25.83	0.5	26.5	
		135	69	26.13	25.73	26.42	0	27.0	
		135	138	25.99	26.05	26.07	0.5	26.5	
		270	0	26.11	25.71	26.02	0.5	26.5	
		1	1	25.86	26.49	26.14	0	27.0	
		1	137	25.85	25.59	25.92	0	27.0	
	QPSK	1	271	25.79	26.28	25.87	0	27.0	
		135	0	25.78	25.78	25.74	1	26.0	
		135	69	25.79	25.91	25.85	0	27.0	
		135	138	25.71	25.87	25.76	1	26.0	
		270	0	25.63	25.67	25.59	1	26.0	
		16QAM	1	1	24.96	25.18	24.85	1	26.0
		64QAM	1	1	23.42	23.52	23.20	2.5	24.5
256QAM	1	1	21.89	21.53	22.22	4.5	22.5		
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up	
90	QPSK	1	1	25.85	26.32	25.84	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up	
80	QPSK	1	1	25.82	26.10	25.88	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up	
70	QPSK	1	1	25.80	25.95	25.85	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up	
60	QPSK	1	1	25.78	26.48	25.83	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up	
50	QPSK	1	1	25.81	26.33	25.81	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up	
40	QPSK	1	1	25.84	26.44	25.77	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up	
30	QPSK	1	1	25.79	26.43	25.85	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up	
20	QPSK	1	1	25.80	26.22	25.79	0	27.0	

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Part27Q_HPUE n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
100	Pi/2 BPSK	Frequency (MHz)			3500.01			
		1	1		25.41		0	27.0
		1	137		25.11		0	27.0
		1	271		25.26		0	27.0
		135	0		24.64		0.5	26.5
		135	69		25.37		0	27.0
		135	138		24.67		0.5	26.5
		270	0		24.53		0.5	26.5
	QPSK	1	1		25.53		0	27.0
		1	137		25.18		0	27.0
		1	271		25.27		0	27.0
		135	0		24.58		1	26.0
		135	69		25.47		0	27.0
		135	138		24.39		1	26.0
		270	0		24.40		1	26.0
	16QAM	1	1		24.60		1	26.0
		64QAM	1	1	22.71		2.5	24.5
		256QAM	1	1	20.94		4.5	22.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
80	QPSK	1	1	25.14	25.20	25.18	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
60	QPSK	1	1	25.10	25.15	25.22	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
40	QPSK	1	1	25.14	25.20	25.09	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
30	QPSK	1	1	25.12	25.15	25.20	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
20	QPSK	1	1	25.11	25.15	25.22	0	27.0

Part27O_HPUE n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
100	Pi/2 BPSK	Frequency (MHz)		3750	3840	3930		
		1	1	25.75	25.76	25.57	0	27.0
		1	137	25.50	25.46	25.28	0	27.0
		1	271	25.22	25.15	25.05	0	27.0
		135	0	24.72	24.82	24.61	0.5	26.5
		135	69	25.44	25.56	25.48	0	27.0
		135	138	24.78	24.60	24.74	0.5	26.5
		270	0	24.73	24.55	24.74	0.5	26.5
	QPSK	1	1	25.77	25.82	25.66	0	27.0
		1	137	25.52	25.57	25.42	0	27.0
		1	271	25.28	25.28	25.06	0	27.0
		135	0	24.52	24.54	24.38	1	26.0
		135	69	25.57	25.69	25.53	0	27.0
		135	138	24.51	24.72	24.54	1	26.0
		270	0	24.53	24.62	24.51	1	26.0
	16QAM	1	1	24.66	24.92	24.90	1	26.0
	64QAM	1	1	22.70	23.12	23.05	2.5	24.5
	256QAM	1	1	20.68	21.07	21.03	4.5	22.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
80	QPSK	1	1	25.76	25.70	25.55	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
60	QPSK	1	1	25.68	25.70	25.63	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
40	QPSK	1	1	25.75	25.71	25.63	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
30	QPSK	1	1	25.75	25.70	25.51	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
20	QPSK	1	1	25.71	25.80	25.65	0	27.0

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Part27Q_HPUE n78 (SCS 30kHz)_Ant1									
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
		Channel			633334				
		Frequency (MHz)			3500.01				
100	PI/2 BPSK	1	1		25.25		0	27.0	
		1	137		25.08		0	27.0	
		1	271		25.14		0	27.0	
		135	0		24.59		0.5	26.5	
		135	69		25.25		0	27.0	
		135	138		24.57		0.5	26.5	
		270	0		24.54		0.5	26.5	
		1	1		25.35		0	27.0	
		1	137		25.23		0	27.0	
	QPSK	1	271		25.28		0	27.0	
		135	0		24.42		1	26.0	
		135	69		25.33		0	27.0	
		135	138		24.29		1	26.0	
		270	0		24.04		1	26.0	
		16QAM	1	1			1	26.0	
		64QAM	1	1			2.5	24.5	
		256QAM	1	1			4.5	22.5	
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up	
		Frequency (MHz)		3495	3500.01	3504.99			
90	QPSK	1	1	25.23	25.20	25.17	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up	
		Frequency (MHz)		3490.02	3500.01	3510			
80	QPSK	1	1	25.12	25.13	25.23	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up	
		Frequency (MHz)		3485.01	3500.01	3514.98			
70	QPSK	1	1	25.13	25.22	25.10	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up	
		Frequency (MHz)		3480	3500.01	3519.99			
60	QPSK	1	1	25.22	25.18	25.14	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up	
		Frequency (MHz)		3475.02	3500.01	3525			
50	QPSK	1	1	25.19	25.18	25.20	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up	
		Frequency (MHz)		3470.01	3500.01	3529.98			
40	QPSK	1	1	25.18	25.23	25.14	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up	
		Frequency (MHz)		3465	3500.01	3534.99			
30	QPSK	1	1	25.13	25.10	25.23	0	27.0	
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up	
		Frequency (MHz)		3460.02	3500.01	3540			
20	QPSK	1	1	25.19	25.16	25.16	0	27.0	

(DS10)

Part27Q_n77 (SCS 30kHz) Ant0+1								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel						
		Frequency (MHz)						
100	CP-OFDM QPSK	1	1		633334		0	24.0
					3500.01			
		1	137		22.79		0	24.0
		1	271		22.44		0	24.0
		135	0		22.50		0	24.0
		135	69		22.52		0	24.0
		135	138		22.68		0	24.0
		270	0		22.40		0	24.0
		270	0		22.51		0	24.0
		1	1		22.69		0	24.0
BW [MHz]	MCS Index	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
80	CP-OFDM QPSK	1	1	22.71	22.77	22.73	0	24
BW [MHz]	MCS Index	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
60	CP-OFDM QPSK	1	1	22.68	22.72	22.71	0	24
BW [MHz]	MCS Index	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
40	CP-OFDM QPSK	1	1	22.63	22.69	22.67	0	24
BW [MHz]	MCS Index	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
30	CP-OFDM QPSK	1	1	22.64	22.68	22.65	0	24
BW [MHz]	MCS Index	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
20	CP-OFDM QPSK	1	1	22.61	22.65	22.68	0	24

Part27O_n77 (SCS 30kHz) Ant0+1								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	CP-OFDM QPSK	1	1	23.13	23.09	22.96	0	24.0
		1	137	22.79	22.72	22.70	0	24.0
		1	271	22.58	22.57	22.35	0	24.0
		135	0	22.73	22.67	22.50	0	24.0
		135	69	22.90	22.87	22.72	0	24.0
		135	138	22.80	22.75	22.60	0	24.0
	CP-OFDM 16QAM	270	0	22.79	22.78	22.57	0	24.0
	CP-OFDM 16QAM	1	1	22.87	22.90	22.82	0	24.0
	CP-OFDM 16QAM	1	1	22.37	22.49	22.15	1	23.0
	CP-OFDM 16QAM	1	1	19.51	19.64	19.52	3	21.0
BW [MHz]	MCS Index	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
80	CP-OFDM QPSK	1	1	23.02	22.97	22.88	0	24.0
BW [MHz]	MCS Index	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
60	CP-OFDM QPSK	1	1	23.05	23.06	22.90	0	24
BW [MHz]	MCS Index	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
40	CP-OFDM QPSK	1	1	23.12	22.99	22.85	0	24
BW [MHz]	MCS Index	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
30	CP-OFDM QPSK	1	1	22.99	23.01	22.86	0	24
BW [MHz]	MCS Index	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
20	CP-OFDM QPSK	1	1	23.05	23.05	22.86	0	24

(DS10)

Part27Q_n78 (SCS 30kHz)_Ant0+1								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel						
		Frequency (MHz)						
100	CP-OFDM QPSK	1	1		633334		0	24.0
					3500.01			
		1	1		22.66		0	24.0
		1	137		22.35		0	24.0
		1	271		22.43		0	24.0
		135	0		22.45		0	24.0
		135	69		22.51		0	24.0
		135	138		22.44		0	24.0
		270	0		22.34		0	24.0
		1	1		22.64		0	24.0
	CP-OFDM QPSK	1	1		21.87		1	23.0
	CP-OFDM QPSK	1	1		19.35		3	21.0
BW [MHz]	MCS Index	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99		
90	CP-OFDM QPSK	1	1	22.47	22.49	22.49	0	24
BW [MHz]	MCS Index	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510		
80	CP-OFDM QPSK	1	1	22.35	22.38	22.38	0	24
BW [MHz]	MCS Index	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98		
70	CP-OFDM QPSK	1	1	22.38	22.41	22.35	0	24
BW [MHz]	MCS Index	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99		
60	CP-OFDM	1	1	22.44	22.43	22.46	0	24
BW [MHz]	MCS Index	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525		
50	CP-OFDM QPSK	1	1	22.41	22.39	22.45	0	24
BW [MHz]	MCS Index	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98		
40	CP-OFDM QPSK	1	1	22.33	22.44	22.46	0	24.0
BW [MHz]	MCS Index	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99		
30	CP-OFDM QPSK	1	1	22.39	22.43	22.38	0	24
BW [MHz]	MCS Index	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540		
20	CP-OFDM QPSK	1	1	22.39	22.50	22.41	0	24

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HPUE Part27Q_n77 (SCS 30kHz)_Ant0+1									
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)	
		Channel							
		Frequency (MHz)							
100	CP-OFDM QPSK	1	1		633334				
		Frequency (MHz)		3500.01					
		1	1		24.15		0	25.5	
		1	137		23.82		0	25.5	
		1	271		23.86		0	25.5	
		135	0		22.80		1	24.5	
		135	69		23.93		0	25.5	
		135	138		22.64		1	24.5	
		270	0		22.72		1	24.5	
		CP-OFDM 16QAM	1	1		23.88		1	24.5
		CP-OFDM 64QAM	1	1		22.61		2.5	23.0
CP-OFDM 256QAM	1	1		19.76		4.5	21.0		
BW [MHz]	MCS Index	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up	
80	CP-OFDM QPSK	1	1	23.94	23.98	23.96	0	25.5	
BW [MHz]	MCS Index	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up	
60	CP-OFDM QPSK	1	1	23.98	23.96	23.96	0	25.5	
BW [MHz]	MCS Index	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up	
40	CP-OFDM QPSK	1	1	23.93	23.93	23.96	0	25.5	
BW [MHz]	MCS Index	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up	
30	CP-OFDM QPSK	1	1	23.92	23.93	23.95	0	25.5	
BW [MHz]	MCS Index	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up	
20	CP-OFDM QPSK	1	1	23.89	23.95	23.92	0	25.5	

HPUE Part27O_n77 (SCS 30kHz)_Ant0+1										
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)		
		Channel			650000	656000				662000
100	CP-OFDM QPSK	Frequency (MHz)			3750	3840	3930			
		1	1	23.69	24.80	24.80	0	25.5		
		1	137	23.67	24.58	24.49	0	25.5		
		1	271	23.59	24.28	24.11	0	25.5		
		135	0	22.92	22.99	22.77	1	24.5		
		135	69	23.76	24.43	24.54	0	25.5		
		135	138	23.13	23.27	23.13	1	24.5		
		270	0	22.97	22.99	23.02	1	24.5		
		CP-OFDM 16QAM	1	1	23.03	24.33	24.28	1	24.5	
		CP-OFDM 64QAM	1	1	22.15	22.71	22.62	2.5	23.0	
		CP-OFDM 256QAM	1	1	19.34	19.75	19.62	4.5	21.0	
BW [MHz]	MCS Index	Channel			649334	656000	662666	MPR (dB)	Max. Tune-up	
80	CP-OFDM QPSK	Frequency (MHz)			3740.01	3840	3939.99			
BW [MHz]	MCS Index	Channel			648668	656000	663332	MPR (dB)	Max. Tune-up	
60	CP-OFDM QPSK	Frequency (MHz)			3730.02	3840	3949.98			
BW [MHz]	MCS Index	Channel			648000	656000	664000	MPR (dB)	Max. Tune-up	
40	CP-OFDM QPSK	Frequency (MHz)			3720	3840	3960			
BW [MHz]	MCS Index	Channel			647668	656000	664332	MPR (dB)	Max. Tune-up	
20	CP-OFDM QPSK	Frequency (MHz)			3715.02	3840	3964.98			
BW [MHz]	MCS Index	Channel			647334	656000	664666	MPR (dB)	Max. Tune-up	
20	CP-OFDM QPSK	Frequency (MHz)			3710.01	3840	3969.99			
20	CP-OFDM QPSK	1	1	23.58	24.74	24.73	0	25.5		

(DS10)

HPUE Part27Q_n78 (SCS 30kHz)_Ant0+1								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		Frequency (MHz)				
100	CP-OFDM QPSK	Channel		633334				
		Frequency (MHz)		3500.01				
		1	1	23.95			0	25.5
		1	137	23.80			0	25.5
		1	271	23.83			0	25.5
		135	0	22.53			1	24.5
		135	69	23.95			0	25.5
		135	138	22.64			1	24.5
		270	0	22.63			1	24.5
		CP-OFDM 16QAM	1	1	23.47			1
CP-OFDM 64QAM	1	1	21.90			2.5	23.0	
CP-OFDM 256QAM	1	1	19.10			4.5	21.0	
BW [MHz]	MCS Index	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
90	CP-OFDM QPSK	1	1	23.81	23.87	23.79	0	25.5
BW [MHz]	MCS Index	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
80	CP-OFDM QPSK	1	1	23.87	23.79	23.83	0	25.5
BW [MHz]	MCS Index	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
70	CP-OFDM QPSK	1	1	23.86	23.87	23.82	0	25.5
BW [MHz]	MCS Index	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
60	CP-OFDM QPSK	1	1	23.89	23.82	23.83	0	25.5
BW [MHz]	MCS Index	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
50	CP-OFDM QPSK	1	1	23.84	23.82	23.87	0	25.5
BW [MHz]	MCS Index	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
40	CP-OFDM QPSK	1	1	23.88	23.85	23.79	0	25.5
BW [MHz]	MCS Index	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
30	CP-OFDM QPSK	1	1	23.78	23.83	23.85	0	25.5
BW [MHz]	MCS Index	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
20	CP-OFDM QPSK	1	1	23.83	23.89	23.88	0	25.5

(DSH1)

LTE Band 2 (Ant0)										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High		Max. Turn-up [dBm]		
		Channel		18750	18800	19100	19150			
20	QPSK	1	0	14.73	14.88	14.70	15.5			
		1	50	14.64	14.63	14.66	15.5			
		1	99	14.54	14.53	14.61	15.5			
		50	0	14.54	14.68	14.56	15.5			
		50	25	14.51	14.57	14.49	15.5			
		50	50	14.48	14.49	14.31	15.5			
		100	0	14.57	14.61	14.53	15.5			
		1	0	14.59	14.54	14.64	15.5			
		1	50	14.54	14.56	14.36	15.5			
		1	99	14.50	14.74	14.21	15.5			
	16QAM	50	0	14.57	14.73	14.45	15.5			
		50	25	14.50	14.62	14.41	15.5			
		50	50	14.50	14.43	14.42	15.5			
		100	0	14.55	14.51	14.55	15.5			
		1	0	14.50	14.57	14.54	15.5			
		1	50	14.50	14.65	14.52	15.5			
		1	99	14.38	14.46	14.23	15.5			
		50	0	14.36	14.55	14.48	15.5			
		50	25	14.58	14.51	14.44	15.5			
		50	50	14.52	14.57	14.33	15.5			
64QAM	100	0	14.69	14.35	14.55	15.5				
	1	0	14.28	14.52	14.46	15.5				
	1	50	14.52	14.58	14.40	15.5				
	1	99	14.58	14.62	14.35	15.5				
	50	0	14.38	14.56	14.49	15.5				
	50	25	14.71	14.55	14.39	15.5				
	50	50	14.61	14.49	14.42	15.5				
	100	0	14.09	14.43	14.40	15.5				
	256QAM	1	0	14.25	14.50	14.45	15.5			
		1	50	14.52	14.58	14.40	15.5			
1		99	14.58	14.62	14.35	15.5				
50		0	14.38	14.56	14.49	15.5				
50		25	14.71	14.55	14.39	15.5				
50		50	14.61	14.49	14.42	15.5				
100		0	14.09	14.43	14.40	15.5				
BW [MHz]		Modulation	Channel		18800	18800	19125	Max. Turn-up [dBm]		
			Frequency (MHz)		1887.5	1890	1920.5	15.5		
			QPSK	1	37				15.5	
	1			74				15.5		
	36			0				15.5		
	36			19				15.5		
	36			39				15.5		
	75			0				15.5		
	1			0				15.5		
	1			37				15.5		
1	74					15.5				
36	0					15.5				
16QAM	36	0				15.5				
	36	19				15.5				
	36	39				15.5				
	75	0				15.5				
	1	0				15.5				
	1	37				15.5				
	1	74				15.5				
	36	0				15.5				
	36	19				15.5				
	36	39				15.5				
64QAM	75	0				15.5				
	1	0				15.5				
	1	37				15.5				
	1	74				15.5				
	36	0				15.5				
	36	19				15.5				
	36	39				15.5				
	75	0				15.5				
	1	0				15.5				
	1	37				15.5				
256QAM	1	0				15.5				
	1	37				15.5				
	1	74				15.5				
	36	0				15.5				
	36	19				15.5				
	36	39				15.5				
	75	0				15.5				
	1	0				15.5				
	1	37				15.5				
	1	74				15.5				
BW [MHz]	Modulation	Channel		18800	18800	19175	Max. Turn-up [dBm]			
		Frequency (MHz)		1885	1888	1905	15.5			
		QPSK	1	49				15.5		
			25	0				15.5		
			25	25				15.5		
			50	0				15.5		
			1	0				15.5		
			1	24				15.5		
			1	49				15.5		
			25	0				15.5		
25	25					15.5				
50	0					15.5				
16QAM	25	0				15.5				
	25	25				15.5				
	50	0				15.5				
	1	0				15.5				
	1	24				15.5				
	1	49				15.5				
	25	0				15.5				
	25	25				15.5				
	50	0				15.5				
	1	0				15.5				
64QAM	1	24				15.5				
	25	0				15.5				
	25	25				15.5				
	50	0				15.5				
	1	0				15.5				
	1	24				15.5				
	1	49				15.5				
	25	0				15.5				
	25	25				15.5				
	50	0				15.5				
256QAM	25	0				15.5				
	25	25				15.5				
	50	0				15.5				
	1	0				15.5				
	1	24				15.5				
	1	49				15.5				
	25	0				15.5				
	25	25				15.5				
	50	0				15.5				
	1	0				15.5				
BW [MHz]	Modulation	Channel		18800	18800	19185	Max. Turn-up [dBm]			
		Frequency (MHz)		1881.5	1884	1908.5	15.5			
		QPSK	1	0				15.5		
			1	7				15.5		
			1	14				15.5		
			8	0				15.5		
			8	7				15.5		
			15	0				15.5		
			1	0				15.5		
			1	7				15.5		
1	14					15.5				
8	0					15.5				
16QAM	8	0				15.5				
	8	7				15.5				
	15	0				15.5				
	1	0				15.5				
	1	7				15.5				
	1	14				15.5				
	8	0				15.5				
	8	7				15.5				
	15	0				15.5				
	1	0				15.5				
64QAM	1	14				15.5				
	8	0				15.5				
	8	7				15.5				
	15	0				15.5				
	1	0				15.5				
	1	7				15.5				
	1	14				15.5				
	8	0				15.5				
	8	7				15.5				
	15	0				15.5				
256QAM	1	0				15.5				
	1	7				15.5				
	1	14				15.5				
	8	0				15.5				
	8	7				15.5				
	15	0				15.5				
	1	0				15.5				
	1	7				15.5				
	1	14				15.5				
	BW [MHz]	Modulation	Channel		18800	18800	19195	Max. Turn-up [dBm]		
Frequency (MHz)				18817	18840	1909.5	15.5			
QPSK			1	0				15.5		
			1	2				15.5		
			3	0				15.5		
			3	3				15.5		
			6	0				15.5		
			1	2				15.5		
			1	5				15.5		
			3	0				15.5		
	3	3				15.5				
	6	0				15.5				
16QAM	1	2				15.5				
	1	5				15.5				
	3	0				15.5				
	3	3				15.5				
	6	0				15.5				
	1	2				15.5				
	1	5				15.5				
	3	0				15.5				
	3	3				15.5				
	6	0				15.5				
64QAM	1	2				15.5				
	1	5				15.5				
	3	0				15.5				
	3	3				15.5				
	6	0				15.5				
	1	2				15.5				
	1	5				15.5				
	3	0				15.5				
	3	3				15.5				
	6	0				15.5				
256QAM	1	2				15.5				
	1	5				15.5				
	3	0				15.5				
	3	3				15.5				
	6	0				15.5				
	1	2				15.5				
	1	5				15.5				
	3	0				15.5				
	3	3				15.5				
	6	0				15.5				

(DSH1)

LTE Band 4 (AnT)									
BW [MHz]	Modulation	RB Size	RB Offset	Low	High	Max.	Turn-up [dBm]		
		Channel Frequency [MHz]		2000	2015	2030			
20	QPSK	1	0	15.84	15.80	15.76	16.5		
		1	50	15.77	15.73	15.69	16.5		
		1	99	15.67	15.70	15.67	16.5		
		50	0	15.67	15.66	15.64	16.5		
		50	25	15.64	15.62	15.58	16.5		
		50	50	15.54	15.51	15.43	16.5		
		100	0	15.66	15.68	15.60	16.5		
		1	0	15.48	15.53	15.53	16.5		
		1	50	15.58	15.53	15.56	16.5		
		1	99	15.31	15.77	15.61	16.5		
	16QAM	50	0	15.53	15.65	15.64	16.5		
		50	25	15.50	15.66	15.64	16.5		
		50	50	15.76	15.76	15.66	16.5		
		100	0	15.64	15.69	15.62	16.5		
20	64QAM	1	0	15.62	15.73	15.80	16.5		
		1	50	15.64	15.76	15.70	16.5		
		1	99	15.76	15.79	15.78	16.5		
		50	0	15.46	15.66	15.67	16.5		
		50	25	15.55	15.55	15.63	16.5		
		50	50	15.54	15.73	15.81	16.5		
		100	0	15.52	15.67	15.57	16.5		
	256QAM	1	0	15.73	15.58	15.75	16.5		
		1	50	15.58	15.74	15.79	16.5		
		1	99	15.08	15.81	15.70	16.5		
		50	0	15.46	15.56	15.72	16.5		
15	QPSK	1	0	15.84	15.80	15.76	16.5		
		1	37	15.74	15.74	15.74	16.5		
		1	74	15.64	15.64	15.64	16.5		
		36	0	15.64	15.64	15.64	16.5		
		36	19	15.58	15.58	15.58	16.5		
		36	39	15.58	15.58	15.58	16.5		
		75	0	15.58	15.58	15.58	16.5		
	16QAM	1	0	15.64	15.64	15.64	16.5		
		1	37	15.74	15.74	15.74	16.5		
		36	0	15.64	15.64	15.64	16.5		
		36	19	15.58	15.58	15.58	16.5		
10	QPSK	1	0	15.84	15.80	15.76	16.5		
		1	37	15.74	15.74	15.74	16.5		
		1	74	15.64	15.64	15.64	16.5		
		36	0	15.64	15.64	15.64	16.5		
		36	19	15.58	15.58	15.58	16.5		
		36	39	15.58	15.58	15.58	16.5		
		75	0	15.58	15.58	15.58	16.5		
	16QAM	1	0	15.64	15.64	15.64	16.5		
		1	37	15.74	15.74	15.74	16.5		
		36	0	15.64	15.64	15.64	16.5		
		36	19	15.58	15.58	15.58	16.5		
5	QPSK	1	0	15.84	15.80	15.76	16.5		
		1	12	15.74	15.74	15.74	16.5		
		1	24	15.64	15.64	15.64	16.5		
		12	0	15.64	15.64	15.64	16.5		
		12	6	15.58	15.58	15.58	16.5		
		12	13	15.58	15.58	15.58	16.5		
		25	0	15.58	15.58	15.58	16.5		
	16QAM	1	0	15.64	15.64	15.64	16.5		
		1	12	15.74	15.74	15.74	16.5		
		12	0	15.64	15.64	15.64	16.5		
		12	6	15.58	15.58	15.58	16.5		
3	QPSK	1	0	15.84	15.80	15.76	16.5		
		1	7	15.74	15.74	15.74	16.5		
		1	14	15.64	15.64	15.64	16.5		
		8	0	15.64	15.64	15.64	16.5		
		8	7	15.58	15.58	15.58	16.5		
		15	0	15.58	15.58	15.58	16.5		
	16QAM	1	0	15.64	15.64	15.64	16.5		
		1	7	15.74	15.74	15.74	16.5		
		8	0	15.64	15.64	15.64	16.5		
		8	7	15.58	15.58	15.58	16.5		
1.4	QPSK	1	0	15.84	15.80	15.76	16.5		
		1	2	15.74	15.74	15.74	16.5		
		1	5	15.64	15.64	15.64	16.5		
		3	0	15.64	15.64	15.64	16.5		
		3	1	15.58	15.58	15.58	16.5		
		6	0	15.58	15.58	15.58	16.5		
	16QAM	1	0	15.64	15.64	15.64	16.5		
		1	2	15.74	15.74	15.74	16.5		
		3	0	15.64	15.64	15.64	16.5		
		3	1	15.58	15.58	15.58	16.5		
1.4	QPSK	1	0	15.84	15.80	15.76	16.5		
		1	2	15.74	15.74	15.74	16.5		
		1	5	15.64	15.64	15.64	16.5		
		3	0	15.64	15.64	15.64	16.5		
		3	1	15.58	15.58	15.58	16.5		
		6	0	15.58	15.58	15.58	16.5		
	16QAM	1	0	15.64	15.64	15.64	16.5		
		1	2	15.74	15.74	15.74	16.5		
		3	0	15.64	15.64	15.64	16.5		
		3	1	15.58	15.58	15.58	16.5		

LTE Band 4 (AnT)									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Time-up [dBm]		
		Channel Frequency [MHz]	2000	2015	2030				
20	QPSK	1	0	24.79	24.63	24.67	25.5		
		1	50	24.68	24.57	24.52	25.5		
		1	99	24.65	24.58	24.45	25.5		
		50	0	23.81	23.73	23.63	24.5		
		50	25	23.73	23.70	23.58	24.5		
		50	50	23.69	23.68	23.61	24.5		
	16QAM	100	0	23.71	23.69	23.59	25.5		
		1	50	23.92	23.82	23.89	24.5		
		1	99	23.90	23.75	23.82	24.5		
		50	50	22.72	22.68	22.66	23.5		
		100	0	22.73	22.67	22.65	23.5		
		1	0	22.69	22.66	22.65	23.5		
	64QAM	1	50	22.66	22.61	22.63	23.5		
		1	99	22.64	22.67	22.69	23.5		
		50	0	21.76	21.72	21.73	22.5		
		50	25	21.75	21.71	21.74	22.5		
50		50	21.71	21.67	21.70	22.5			
100		0	21.73	21.68	21.72	22.5			
256QAM	1	0	19.85	19.81	19.83	20.5			
	1	50	19.82	19.78	19.80	20.5			
	1	99	19.86	19.78	19.79	20.5			
	50	0	19.78	19.68	19.69	20.5			
	50	25	19.75	19.69	19.68	20.5			
	50	50	19.70	19.63	19.66	20.5			
15	QPSK	1	0	17.15	17.23	17.47	25.5		
		1	37				25.5		
		1	74				25.5		
		36	0				24.5		
		36	19				24.5		
		75	0				24.5		
	16QAM	1	0				24.5		
		1	37				24.5		
		1	74				23.5		
		36	0				23.5		
		36	19				23.5		
		75	0				23.5		
	64QAM	1	0				23.5		
		1	37				23.5		
		1	74				23.5		
		36	0				22.5		
36		19				22.5			
75		0				22.5			
256QAM	1	0				20.5			
	1	37				20.5			
	1	74				20.5			
	36	0				20.5			
	36	19				20.5			
	75	0				20.5			
10	QPSK	1	0	17.15	17.23	17.69	25.5		
		1	37				25.5		
		1	74				25.5		
		36	0				24.5		
		36	19				24.5		
		75	0				24.5		
	16QAM	1	0				24.5		
		1	37				24.5		
		1	74				23.5		
		36	0				23.5		
		36	19				23.5		
		75	0				23.5		
	64QAM	1	0				23.5		
		1	37				23.5		
		1	74				22.5		
		36	0				22.5		
36		19				22.5			
75		0				22.5			
256QAM	1	0				20.5			
	1	37				20.5			
	1	74				20.5			
	36	0				20.5			
	36	19				20.5			
	75	0				20.5			
5	QPSK	1	0	19.65	19.75	20.05	25.5		
		1	12				25.5		
		1	24				25.5		
		12	0				24.5		
		12	13				24.5		
		25	0				24.5		
	16QAM	1	0				24.5		
		1	12				24.5		
		12	0				23.5		
		12	13				23.5		
		25	0				23.5		
		1	0				23.5		
	64QAM	1	0				23.5		
		1	12				23.5		
		12	0				22.5		
		12	13				22.5		
25		0				22.5			
1		0				22.5			
256QAM	1	0				20.5			
	1	12				20.5			
	12	0				20.5			
	12	13				20.5			
	25	0				20.5			
	1	0				20.5			
3	QPSK	1	0	19.65	19.75	20.05	25.5		
		1	12				25.5		
		1	24				25.5		
		12	0				24.5		
		12	13				24.5		
		25	0				24.5		
	16QAM	1	0				24.5		
		1	12				24.5		
		12	0				23.5		
		12	13				23.5		
		25	0				23.5		
		1	0				23.5		
	64QAM	1	0				23.5		
		1	12				23.5		
		12	0				22.5		
		12	13				22.5		
25		0				22.5			
1		0				22.5			
256QAM	1	0				20.5			
	1	12				20.5			
	12	0				20.5			
	12	13				20.5			
	25	0				20.5			
	1	0				20.5			
1.4	QPSK	1	0	17.17	17.23	17.63	25.5		
		1	2				25.5		
		1	4				25.5		
		3	0				25.5		
		3	3				25.5		
		6	0				24.5		
	16QAM	1	0				24.5		
		1	2				24.5		
		1	4				24.5		
		3	0				24.5		
		3	3				24.5		
		6	0				24.5		
	64QAM	1	0				23.5		
		1	2				23.5		
		1	4				23.5		
		3	0				23.5		
3		3				23.5			
6		0				23.5			
256QAM	1	0				20.5			
	1	2				20.5			
	1	4				20.5			
	3	0				20.5			
	3	3				20.5			
	6	0				20.5			
0.7	QPSK	1	0	19.67	19.75	20.05	25.5		
		1	2				25.5		
		1	4				25.5		
		3	0				25.5		
		3	3				25.5		
		6	0				24.5		
	16QAM	1	0				24.5		
		1	2				24.5		
		1	4				24.5		
		3	0				24.5		
		3	3				24.5		
		6	0				24.5		
	64QAM	1	0				23.5		
		1	2				23.5		
		1	4				23.5		
		3	0				23.5		
3		3				23.5			
6		0				23.5			
256QAM	1	0				20.5			
	1	2				20.5			
	1	4				20.5			
	3	0				20.5			
	3	3				20.5			
	6	0				20.5			

(DSH)

LTE Band 5 (Ant0)									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Time- up (dBm)		
		Channel Frequency (MHz)	820	826.5	844				
10	QPSK	1	0	23.40	23.08	23.56	24.5		
		1	24	23.66	23.74	23.62	24.5		
		1	49	23.50	23.49	23.60	24.5		
		25	0	23.54	23.46	23.46	24.5		
		25	12	23.25	23.40	23.42	24.5		
		25	25	23.08	23.38	23.38	24.5		
		100	0	23.23	23.56	23.36	24.5		
		1	0	23.52	23.67	23.72	24.5		
		1	24	23.54	23.64	23.67	24.5		
		25	0	23.51	23.60	23.57	24.5		
	16QAM	25	0	22.49	22.67	22.69	23.5		
		25	12	22.78	22.79	22.69	23.5		
		25	25	22.68	22.69	22.71	23.5		
		100	0	22.59	22.64	22.74	23.5		
		1	0	22.84	22.89	22.96	23.5		
		1	24	22.85	22.97	22.94	23.5		
		1	49	22.71	22.77	22.86	23.5		
		25	0	21.46	21.65	21.69	22.5		
		25	12	21.65	21.69	21.71	22.5		
		25	25	21.74	21.74	21.74	22.5		
5	QPSK	1	0	19.42	19.60	19.56	20.5		
		1	24	19.80	19.89	19.79	20.5		
		1	49	19.67	19.76	19.66	20.5		
		25	0	19.63	19.65	19.64	20.5		
		25	12	19.64	19.68	19.74	20.5		
		25	25	19.73	19.81	19.63	20.5		
		100	0	19.69	19.69	19.59	20.5		
	16QAM	1	0	18.66	18.66	18.66	20.5		
		1	24	18.67	18.70	18.66	20.5		
		1	49	18.67	18.70	18.66	20.5		
		12	6				23.5		
		12	13				23.5		
		25	0				23.5		
	64QAM	1	0				23.5		
		1	12				23.5		
		1	24				23.5		
		12	0				23.5		
		12	6				23.5		
		12	13				23.5		
		25	0				23.5		
	256QAM	1	0				20.5		
		1	12				20.5		
		1	24				20.5		
		12	0				20.5		
		12	6				20.5		
		12	13				20.5		
		25	0				20.5		
	BW [MHz]	Channel Frequency (MHz)	2047.5	2052.5	2063.5	Max. Time-up (dBm)			
		Channel Frequency (MHz)	828.5	828.5	847.5				
3	QPSK	1	0			24.5			
		1	12			24.5			
		1	24			24.5			
		8	0			24.5			
		8	14			24.5			
		8	3			24.5			
		25	0			24.5			
		25	12			24.5			
		25	25			24.5			
		100	0			24.5			
	16QAM	1	0			24.5			
		1	14			24.5			
		8	0			23.5			
		8	3			23.5			
		8	7			23.5			
		16	0			23.6			
		16	7			23.9			
		1	7			23.9			
	64QAM	1	0			23.9			
		8	0			22.5			
		8	3			22.5			
		8	7			22.5			
		16	0			22.5			
		16	7			22.5			
		1	0			20.5			
		1	14			20.5			
		8	0			20.5			
		8	7			20.5			
1.4	QPSK	1	0			24.5			
		1	2			24.5			
		1	5			24.5			
		3	0			24.5			
		3	1			24.5			
		3	3			24.5			
		6	0			24.5			
		1	0			24.5			
		1	2			24.5			
		1	5			24.5			
	16QAM	1	0			24.5			
		1	2			24.5			
		3	0			24.5			
		3	1			24.5			
		3	3			24.5			
		6	0			23.5			
		1	0			23.5			
		1	2			23.5			
		1	5			23.5			
		3	0			20.5			
5	QPSK	1	0			24.5			
		1	2			24.5			
		1	5			24.5			
		3	0			24.5			
		3	1			24.5			
		3	3			24.5			
		6	0			24.5			
		1	0			24.5			
		1	2			24.5			
		1	5			24.5			
	16QAM	1	0			24.5			
		1	2			24.5			
		3	0			24.5			
		3	1			24.5			
		3	3			24.5			
		6	0			23.5			
		1	0			23.5			
		1	2			23.5			
		1	5			23.5			
		3	0			20.5			
1.4	QPSK	1	0			24.5			
		1	2			24.5			
		1	5			24.5			
		3	0			24.5			
		3	1			24.5			
		3	3			24.5			
		6	0			24.5			
		1	0			24.5			
		1	2			24.5			
		1	5			24.5			
	16QAM	1	0			24.5			
		1	2			24.5			
		3	0			24.5			
		3	1			24.5			
		3	3			24.5			
		6	0			23.5			
		1	0			23.5			
		1	2			23.5			
		1	5			23.5			
		3	0			20.5			

LTE Band 7 (Ant0)										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Time-up			
		Channel Frequency (MHz)	2050	2100	2130	2050				
20	QPSK	1	0	17.46	17.71	17.38	18.5			
		1	50	17.53	17.76	17.63	18.5			
		1	99	17.32	17.21	17.59	18.5			
		50	0	17.39	17.69	17.42	18.5			
		50	25	17.37	17.65	17.33	18.5			
		50	50	17.33	17.59	17.34	18.5			
		100	0	17.39	17.66	17.50	18.5			
		1	0	17.34	17.54	17.44	18.5			
		1	50	17.39	17.57	17.37	18.5			
		1	99	17.44	17.53	17.42	18.5			
	16QAM	50	0	17.32	17.65	17.45	18.5			
		50	25	17.47	17.71	17.55	18.5			
		50	50	17.25	17.65	17.52	18.5			
		100	0	17.29	17.65	17.44	18.5			
	64QAM	1	0	17.37	17.62	17.46	18.5			
		1	50	17.51	17.71	17.51	18.5			
		1	99	17.34	17.59	17.44	18.5			
		50	0	17.31	17.67	17.61	18.5			
		50	25	17.40	17.72	17.57	18.5			
		50	50	17.39	17.66	17.45	18.5			
		100	0	17.27	17.64	17.35	18.5			
15	QPSK	1	0	17.45	17.63	17.63	18.5			
		1	50	17.38	17.66	17.41	18.5			
		1	99	17.49	17.68	17.58	18.5			
		50	0	17.28	17.61	17.34	18.5			
		50	25	17.31	17.69	17.52	18.5			
	16QAM	50	50	17.31	17.63	17.37	18.5			
		100	0	17.27	17.70	17.48	18.5			
		64QAM	Channel	2050	2100	2130	2050	2130	2145	Turn-up
		15	QPSK	1	0	17.45	17.63	17.63	18.5	
	1			27						18.5
1	74								18.5	
36	0								18.5	
36	19								18.5	
16QAM	36		39						18.5	
	75		0						18.5	
	1		0						18.5	
	1		27						18.5	
64QAM	1		24						18.5	
	36	0						18.5		
	36	19						18.5		
	36	39						18.5		
	75	0						18.5		
	1	0						18.5		
	1	27						18.5		
10	QPSK	1	24						18.5	
		1	49						18.5	
		25	0						18.5	
		25	12						18.5	
		25	25						18.5	
	16QAM	25	39						18.5	
		50	0						18.5	
		1	0						18.5	
		1	49						18.5	
	64QAM	1	24						18.5	
1		49						18.5		
25		0						18.5		
25		12						18.5		
25		25						18.5		
50		0						18.5		
1		0						18.5		
5	QPSK	1	24						18.5	
		1	49						18.5	
		12	0						18.5	
		12	6						18.5	
		12	13						18.5	
	16QAM	12	6						18.5	
		12	13						18.5	
		25	0						18.5	
		25	12						18.5	
	64QAM	1	0						18.5	
1		24						18.5		
1		49						18.5		
12		0						18.5		
12		6						18.5		
12		13						18.5		
25		0						18.5		
20	QPSK	1	12						18.5	
		1	24						18.5	
		12	0						18.5	
		12	6						18.5	
		12	13						18.5	
	16QAM	12	0						18.5	
		12	6						18.5	
		12	13						18.5	
		25	0						18.5	
	64QAM	12	0						18.5	

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LTE Band 12 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		2388	2388	2393
		Frequency (MHz)		784	787.5	791
				Max. Turn-up (dBm)		
10	QPSK	1	0	24.84	24.73	24.61
		1	24	24.57	24.62	24.59
		1	49	24.57	24.36	24.53
		25	0	23.59	23.51	23.62
		25	12	23.60	23.60	23.65
		25	25	23.55	23.59	23.63
		50	0	23.62	23.59	23.60
		1	0	23.85	23.88	24.00
		1	24	23.46	24.07	23.78
		1	49	23.78	23.74	23.80
	16QAM	25	0	22.95	22.91	22.99
		25	12	22.96	22.88	22.88
		25	25	22.99	22.91	22.99
		50	0	22.92	22.96	22.90
		1	0	22.98	22.74	22.89
		1	24	22.83	22.86	22.93
		1	49	22.75	22.67	22.53
		25	0	21.65	21.62	21.60
		25	12	21.68	21.55	21.65
		25	25	21.64	21.54	21.58
	256QAM	50	0	21.58	21.60	21.70
		1	0	19.70	19.63	19.72
		1	24	19.73	19.62	19.71
		1	49	19.57	19.64	19.56
		25	0	19.61	19.51	19.58
		25	12	19.65	19.64	19.71
		25	25	19.63	19.61	19.60
		50	0	19.63	19.58	19.59
		25	0	19.63	19.58	19.59
		50	0	19.63	19.58	19.59
	BW (MHz)	Channel	2388	2388	2393	Max. Turn-up (dBm)
		Frequency (MHz)	784.5	787.5	791.5	
5	QPSK	1	0			25.5
		1	12			25.5
		1	24			24.5
		12	0			24.5
		12	6			24.5
		12	13			24.5
		25	0			24.5
		1	0			24.5
		1	12			24.5
		1	24			24.5
	16QAM	12	0			23.5
		12	6			23.5
		12	13			23.5
		25	0			23.5
		1	0			23.5
		1	12			23.5
		1	24			23.5
		12	0			23.5
		12	6			23.5
		12	13			23.5
	64QAM	25	0			22.5
		1	0			22.5
		1	12			22.5
		1	24			22.5
		12	0			22.5
		12	6			22.5
		12	13			22.5
		25	0			22.5
		1	0			22.5
		1	12			22.5
	256QAM	1	24			20.5
		12	0			20.5
		12	6			20.5
		12	13			20.5
		25	0			20.5
		1	0			20.5
		1	12			20.5
		1	24			20.5
		12	0			20.5
		12	13			20.5
	BW (MHz)	Channel	2388	2388	2393	Max. Turn-up (dBm)
		Frequency (MHz)	784.5	787.5	791.5	
3	QPSK	1	0			25.5
		1	7			25.5
		1	14			25.5
		8	0			24.5
		8	3			24.5
		8	7			24.5
		15	0			24.5
		1	0			24.5
		1	7			24.5
		1	14			24.5
	16QAM	8	0			23.5
		8	3			23.5
		8	7			23.5
		15	0			23.5
		1	0			23.5
		1	7			23.5
		1	14			23.5
		8	0			22.5
		8	3			22.5
		8	7			22.5
	64QAM	15	0			22.5
		1	0			20.5
		1	7			20.5
		1	14			20.5
		8	0			20.5
		8	3			20.5
		8	7			20.5
		15	0			20.5
		1	0			20.5
		1	7			20.5
	256QAM	1	14			20.5
		8	0			20.5
		8	3			20.5
		8	7			20.5
		15	0			20.5
		1	0			20.5
		1	7			20.5
		1	14			20.5
		8	0			20.5
		8	3			20.5
	BW (MHz)	Channel	2387	2388	2393	Max. Turn-up (dBm)
		Frequency (MHz)	699.7	707.5	716.3	
1.4	QPSK	1	0			25.5
		1	2			25.5
		1	5			25.5
		3	0			25.5
		3	1			25.5
		3	3			25.5
		6	0			24.5
		1	0			24.5
		1	2			24.5
		1	5			24.5
	16QAM	3	0			24.5
		3	1			24.5
		3	3			24.5
		6	0			23.5
		1	0			23.5
		1	2			23.5
		1	5			23.5
		3	0			23.5
		3	1			23.5
		3	3			23.5
	64QAM	6	0			23.5
		1	0			20.5
		1	2			20.5
		1	5			20.5
		3	0			20.5
		3	1			20.5
		3	3			20.5
		6	0			20.5
		1	0			20.5
		1	2			20.5
	256QAM	1	5			20.5
		3	0			20.5
		3	1			20.5
		3	3			20.5
		6	0			20.5
		1	0			20.5
		1	2			20.5
		1	5			20.5
		3	0			20.5
		3	3			20.5

LTE Band 13 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		2320	2320	2325
		Frequency (MHz)		782	782	784.5
				Max. Turn-up (dBm)		
10	QPSK	1	0	23.36		24
		1	24		23.15	24
		1	49		23.04	24
		25	0	22.47		24
		25	12	22.59		24
		25	25	22.87		24
		50	0	22.60		24
		1	0		23.18	24
		1	24		23.24	24
		1	49		23.34	24
	16QAM	25	0		22.53	23.5
		25	12		22.55	23.5
		25	25		22.56	23.5
		50	0		22.50	23.5
		1	0		22.80	23.5
		1	24		22.81	23.5
		1	49		22.84	23.5
		25	0		21.60	22.5
		25	12		21.49	22.5
		25	25		21.60	22.5
	256QAM	50	0		21.58	22.5
		1	0		19.54	20.5
		1	24		19.72	20.5
		1	49		19.61	20.5
		25	0		19.60	20.5
		25	12		19.65	20.5
		25	25		19.59	20.5
		50	0		19.47	20.5
		25	0		19.47	20.5
		50	0		19.47	20.5
	BW (MHz)	Channel	2320	2320	2325	Max. Turn-up (dBm)
		Frequency (MHz)	779.5	782	784.5	
5	QPSK	1	0			24
		1	12			24
		1	24			24
		12	0			24
		12	6			24
		12	13			24
		25	0			24
		1	0			24
		1	12			24
		1	24			24
	16QAM	12	0			23.5
		12	6			23.5
		12	13			23.5
		25	0			23.5
		1	0			23.5
		1	12			23.5

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LTE Band 14 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	High	Max. Turn-up (dBm)
		Channel Frequency (MHz)		733.5	745	
10	QPSK	1	0	23.48	24	24.5
		1	24	23.19	24	24.5
		1	49	23.24	24	24.5
		25	0	23.57	24	24.5
		25	12	23.55	24	24.5
		25	25	23.13	24	24.5
		50	0	23.13	24	24.5
		1	0	23.47	24	24.5
		1	24	22.99	24	24.5
		1	49	23.37	24	24.5
	16QAM	25	0	22.62	23.5	23.5
		25	12	22.67	23.5	23.5
		25	25	22.61	23.5	23.5
		50	0	22.59	23.5	23.5
		1	0	22.59	23.5	23.5
		1	24	22.57	23.5	23.5
		1	49	22.59	23.5	23.5
		25	0	21.54	22.5	22.5
		25	12	21.57	22.5	22.5
		25	25	21.58	22.5	22.5
	256QAM	50	0	21.51	22.5	22.5
		1	0	19.67	20.5	20.5
		1	24	19.44	20.5	20.5
		1	49	19.66	20.5	20.5
		25	0	19.69	20.5	20.5
		25	12	19.55	20.5	20.5
		25	25	19.76	20.5	20.5
		50	0	19.50	20.5	20.5
		1	0	19.57	20.5	20.5
		1	24	19.44	20.5	20.5
5	QPSK	Channel Frequency (MHz)	21085 799.5	21092 795	21101 799.5	Max. Turn-up (dBm)
		1	0			24
5	QPSK	1	12			24
		1	24			24
		12	0			24
		12	6			24
		12	13			24
		25	0			24
	16QAM	1	0			24
		1	12			24
		1	24			24
		12	0			23.5
		12	6			23.5
		12	13			23.5
		25	0			23.5
	64QAM	1	0			23.5
		1	12			23.5
		1	24			23.5
		12	0			22.5
		12	6			22.5
		12	13			22.5
		25	0			22.5
	256QAM	1	0			20.5
		1	12			20.5
		1	24			20.5
		12	0			20.5
		12	6			20.5
		12	13			20.5
		25	0			20.5

LTE Band 19 (Ant0)							
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Turn-up [dBm]
		Channel	Frequency [MHz]		24075	24105	
15	QPSK	1	0		23.72		24.5
		1	37		23.86		24.5
		1	74		23.54		24.5
		36	0		23.73		24.5
		36	19		23.70		24.5
		36	39		23.84		24.5
		75	0		23.74		24.5
		1	0		23.72		24.5
		1	37		23.91		24.5
		1	74		22.62		24.5
	16QAM	36	0		22.79		23.5
		36	19		22.96		23.5
		36	39		22.77		23.5
		75	0		22.67		23.5
		1	0		22.54		23.5
		1	37		22.54		23.5
		1	74		22.86		23.5
		36	0		21.87		22.5
		36	19		21.82		22.5
		36	39		21.91		22.5
	256QAM	75	0		21.95		22.5
		1	0		19.59		20.5
		1	37		20.11		20.5
		1	74		19.86		20.5
		36	0		19.62		20.5
		36	19		19.81		20.5
		36	39		20.04		20.5
		75	0		19.91		20.5
BW [MHz]	Modulation	Channel	24085	24075	24105	Max. Turn-up [dBm]	
		Frequency [MHz]	839	837.5	840		
10	QPSK	1	0				24.5
		1	24				24.5
		1	49				24.5
		25	0				24.5
		25	12				24.5
		25	25				24.5
	16QAM	50	0				24.5
		1	0				24.5
		1	24				24.5
		1	49				24.5
		25	0				23.5
		25	12				23.5
		25	25				23.5
	64QAM	50	0				23.5
		1	0				23.5
		1	24				23.5
		1	49				23.5
		25	0				22.5
		25	12				22.5
		25	25				22.5
	256QAM	50	0				22.5
		1	0				20.5
		1	24				20.5
		1	49				20.5
		25	0				20.5
		25	12				20.5
		25	25				20.5
BW [MHz]	Modulation	Channel	24025	24075	24125	Max. Turn-up [dBm]	
		Frequency [MHz]	832.5	837.5	842.5		
5	QPSK	1	0				24.5
		1	12				24.5
		1	24				24.5
		12	0				24.5
		12	6				24.5
	16QAM	12	13				24.5
		25	0				24.5
		1	0				24.5
		1	12				24.5
		1	24				24.5
		12	0				23.5
		12	6				23.5
	64QAM	12	13				23.5
		25	0				23.5
		1	0				23.5
		1	12				23.5
		1	24				23.5
		12	0				22.5
		12	6				22.5
	256QAM	12	13				22.5
		25	0				22.5
		1	0				20.5
		1	12				20.5
		1	24				20.5
		12	0				20.5
		12	6				20.5

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LTE Band 25 (Ant0)									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max.	Turn-up [dBm]	
		Channel		26140	26365	26590	1982.5		
20	QPSK	1	0	14.70	14.76	14.14	15.5	23.24	24
		1	50	14.85	14.80	14.28	15.5	23.38	24
		1	99	14.76	14.70	14.21	15.5	23.10	24
		50	0	14.52	14.50	14.50	15.5	23.04	24
		50	25	14.68	14.67	14.62	15.5	23.17	24
		50	50	14.57	14.54	14.29	15.5	23.27	24
		100	0	14.73	14.59	14.40	15.5	23.08	24
		1	0	14.75	14.42	14.21	15.5	23.21	24
		1	50	14.55	14.67	14.23	15.5	23.14	24
		1	99	14.65	14.51	14.12	15.5	23.13	24
	16QAM	50	0	14.75	14.64	14.46	15.5	22.67	23.5
		50	25	14.72	14.55	14.29	15.5	22.62	23.5
		50	50	14.64	14.45	14.25	15.5	22.59	23.5
		100	0	14.59	14.52	14.29	15.5	22.73	23.5
		1	0	14.75	14.59	14.44	15.5	22.85	23.5
		1	50	14.52	14.51	14.50	15.5	22.85	23.5
		1	99	14.76	14.51	14.61	15.5	22.91	23.5
		50	0	14.55	14.52	14.46	15.5	21.62	22.5
		50	25	14.59	14.50	14.35	15.5	21.70	22.5
		50	50	14.67	14.37	14.31	15.5	21.65	22.5
64QAM	100	0	14.63	14.38	14.32	15.5	21.66	22.5	
	1	0	14.82	14.68	14.56	15.5	19.63	20.5	
	1	50	14.81	14.58	14.32	15.5	19.76	20.5	
	1	99	14.73	14.45	14.07	15.5	19.73	20.5	
	50	0	14.49	14.57	14.43	15.5	19.63	20.5	
	50	25	14.85	14.55	14.32	15.5	19.56	20.5	
	50	50	14.62	14.40	14.15	15.5	19.74	20.5	
	100	0	14.63	14.44	14.30	15.5	19.71	20.5	
	256QAM	1	0	15.35	15.22	15.11	15.5	19.68	20.5
		1	50	14.81	14.58	14.32	15.5	19.76	20.5
1		99	14.73	14.45	14.07	15.5	19.73	20.5	
50		0	14.49	14.57	14.43	15.5	19.63	20.5	
50		25	14.85	14.55	14.32	15.5	19.56	20.5	
50		50	14.62	14.40	14.15	15.5	19.74	20.5	
100		0	14.63	14.44	14.30	15.5	19.71	20.5	
BW [MHz] <th>Channel</th> <th>26150</th> <th>26365</th> <th>26615</th> <th>Max. [dBm]</th> <th>Turn-up [dBm]</th>		Channel	26150	26365	26615	Max. [dBm]	Turn-up [dBm]		
		Frequency [MHz]	1987.5	1992.5	1997.5	15.5	19.74		
		1	0			15.5	19.74		
	1	37			15.5	19.74			
	1	74			15.5	19.74			
	36	0			15.5	19.74			
	36	19			15.5	19.74			
	36	39			15.5	19.74			
	75	0			15.5	19.74			
	1	0			15.5	19.74			
16QAM	1	0			15.5	19.74			
	1	37			15.5	19.74			
	1	74			15.5	19.74			
	36	0			15.5	19.74			
	36	19			15.5	19.74			
	36	39			15.5	19.74			
	75	0			15.5	19.74			
	1	0			15.5	19.74			
	1	37			15.5	19.74			
	1	74			15.5	19.74			
64QAM	36	0			15.5	19.74			
	36	19			15.5	19.74			
	36	39			15.5	19.74			
	75	0			15.5	19.74			
	1	0			15.5	19.74			
	1	37			15.5	19.74			
	1	74			15.5	19.74			
	36	0			15.5	19.74			
	36	19			15.5	19.74			
	36	39			15.5	19.74			
256QAM	75	0			15.5	19.74			
	1	0			15.5	19.74			
	1	37			15.5	19.74			
	1	74			15.5	19.74			
	36	0			15.5	19.74			
	36	19			15.5	19.74			
	36	39			15.5	19.74			
	75	0			15.5	19.74			
	1	0			15.5	19.74			
	1	37			15.5	19.74			
BW [MHz] <th>Channel</th> <th>26620</th> <th>26365</th> <th>26640</th> <th>Max. [dBm]</th> <th>Turn-up [dBm]</th>	Channel	26620	26365	26640	Max. [dBm]	Turn-up [dBm]			
	Frequency [MHz]	1995	1992.5	1994.5	15.5	19.74			
	1	0			15.5	19.74			
	1	24			15.5	19.74			
	1	49			15.5	19.74			
	25	0			15.5	19.74			
	25	12			15.5	19.74			
	25	25			15.5	19.74			
	50	0			15.5	19.74			
	1	0			15.5	19.74			
16QAM	1	0			15.5	19.74			
	1	49			15.5	19.74			
	25	0			15.5	19.74			
	25	12			15.5	19.74			
	25	25			15.5	19.74			
	50	0			15.5	19.74			
	1	0			15.5	19.74			
	1	49			15.5	19.74			
	25	0			15.5	19.74			
	25	12			15.5	19.74			
64QAM	1	0			15.5	19.74			
	1	49			15.5	19.74			
	25	0			15.5	19.74			
	25	12			15.5	19.74			
	25	25			15.5	19.74			
	50	0			15.5	19.74			
	1	0			15.5	19.74			
	1	49			15.5	19.74			
	25	0			15.5	19.74			
	25	12			15.5	19.74			
256QAM	50	0			15.5	19.74			
	1	0			15.5	19.74			
	1	49			15.5	19.74			
	25	0			15.5	19.74			
	25	12			15.5	19.74			
	25	25			15.5	19.74			
	50	0			15.5	19.74			
	BW [MHz] <th>Channel</th> <th>26650</th> <th>26365</th> <th>26675</th> <th>Max. [dBm]</th> <th>Turn-up [dBm]</th>	Channel	26650	26365	26675	Max. [dBm]	Turn-up [dBm]		
		Frequency [MHz]	1997.5	1992.5	1997.5	15.5	19.74		
		1	0			15.5	19.74		
1		24			15.5	19.74			
1		49			15.5	19.74			
12		0			15.5	19.74			
12		6			15.5	19.74			
12		13			15.5	19.74			
25		0			15.5	19.74			
1		0			15.5	19.74			
16QAM	1	0			15.5	19.74			
	1	24			15.5	19.74			
	12	0			15.5	19.74			
	12	6			15.5	19.74			
	12	13			15.5	19.74			
	25	0			15.5	19.74			
	1	0			15.5	19.74			
	1	24			15.5	19.74			
	12	0			15.5	19.74			
	12	13			15.5	19.74			
64QAM	1	0			15.5	19.74			
	1	24			15.5	19.74			
	12	0			15.5	19.74			
	12	13			15.5	19.74			
	25	0			15.5	19.74			
	1	0			15.5	19.74			
	1	24			15.5	19.74			
	12	0			15.5	19.74			
	12	13			15.5	19.74			
	25	0			15.5	19.74			
256QAM	1	0			15.5	19.74			
	1	24			15.5	19.74			
	12	0			15.5	19.74			
	12	6			15.5	19.74			
	12	13			15.5	19.74			
	25	0			15.5	19.74			
	1	0			15.5	19.74			
	1	24			15.5	19.74			
	12	0			15.5	19.74			
	12	13			15.5	19.74			
BW [MHz] <th>Channel</th> <th>26680</th> <th>26365</th> <th>26675</th> <th>Max. [dBm]</th> <th>Turn-up [dBm]</th>	Channel	26680	26365	26675	Max. [dBm]	Turn-up [dBm]			
	Frequency [MHz]	1997.5	1992.5	1997.5	15.5	19.74			
	1	0			15.5	19.74			
	1	7			15.5	19.74			
	1	14			15.5	19.74			
	8	0			15.5	19.74			
	8	7			15.5	19.74			
	15	0			15.5	19.74			
	1	0			15.5	19.74			
	1	14			15.5	19.74			
16QAM	1	0			15.5	19.74			
	1	7			15.5	19.74			
	1	14			15.5	19.74			
	8	0			15.5	19.74			
	8	7			15.5	19.74			
	15	0			15.5	19.74			
	1	0			15.5	19.74			
	1	7			15.5	19.74			
	1	14			15.5	19.74			
	8	0			15.5	19.74			
64QAM	1	0			15.5	19.74			
	1	7			15.5	19.74			
	1	14			15.5	19.74			
	8	0			15.5	19.74			
	8	7			15.5	19.74			
	15	0			15.5	19.74			
	1	0			15.5	19.74			
	1	7			15.5	19.74			
	1	14			15.5	19.74			
	8	0			15.5	19.74			
256QAM	1	0			15.5	19.74			
	1	7			15.5	19.74			
	1	14			15.5	19.74			
	8	0			15.5	19.74			
	8	7			15.5	19.74			
	15	0			15.5	19.74			
	1	0			15.5	19.74			
	1	7			15.5	19.74			
	1	14			15.5	19.74			
	8	0			15.5	19.74			
BW [MHz] <th>Channel</th> <th>26687</th> <th>26365</th> <th>26683</th> <th>Max. [dBm]</th> <th>Turn-up [dBm]</th>	Channel	26687	26365	26683	Max. [dBm]	Turn-up [dBm]			
	Frequency [MHz]	1997.7	1992.5	1997.3	15.5	19.74			
	1	0			15.5	19.74			
	1	2			15.5	19.74			
	1	5			15.5	19.74			
	3	0			15.5	19.74			
	3	1			15.5	19.74			
	3	3			15.5	19.74			
	6	0			15.5	19.74			
	1	0			15.5	19.74			
16QAM	1	2			15.5	19.74			
	1	5			15.5	19.74			
	1	5			15.5	19.74			
	3	0			15.5	19.74			
	3	1			15.5	19.74			
	3	3			15.5	19.74			
	6	0			15.5	19.74			
	1	0			15.5	19.74			
	1	2			15.5	19.74			
	1	5			15.5	19.74			
64QAM	3	0			15.5	19.74			
	3	1			15.5	19.74			
	3	3			15.5	19.74			
	6	0			15.5	19.74			
	1	0			15.5	19.74			
	1	2			15.5	19.74			
	1	5			15.5	19.74			
	3	0			15.5	19.74			
	3	1			15.5	19.74			
	3	3			15.5	19.74			
256QAM	6	0			15.5	19.74			
	1	0			15.5	19.74			
	1	2			15.5	19.74			
	1	5			15.5	19.74			
	3	0			15.5	19.74			
	3	1			15.5	19.74			
	3	3			15.5	19.74			
	6	0			15.5	19.74			
	1	0			15.5	19.74			
	1	2			15.5	19.74			

(DSH)

LTE Band 26 (Ant0)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Time-up (dBm)		
		Channel Frequency (MHz)	821.5	831.5	841.5				
15	QPSK	1	0	23.81	23.83	23.86	24.5		
		1	37	23.82	23.78	23.83	24.5		
		1	74	23.41	23.48	23.77	24.5		
		36	0	23.81	23.84	23.86	24.5		
		36	19	23.42	23.58	23.71	24.5		
		36	39	23.48	23.48	23.68	24.5		
		36	59	23.49	23.56	23.72	24.5		
		1	0	23.78	23.72	23.62	24.5		
		1	37	23.60	23.71	23.67	24.5		
		1	74	23.53	23.62	23.65	24.5		
		36	0	22.95	22.77	22.85	23.5		
		36	19	22.96	22.94	22.88	23.5		
		36	39	22.71	23.83	22.82	23.5		
		75	0	22.65	22.85	22.89	23.5		
		1	0	22.75	22.85	22.73	23.5		
10	QPSK	1	37	22.96	23.22	22.78	23.5		
		1	74	22.80	22.98	23.12	23.5		
		36	0	21.46	21.71	21.74	22.5		
		36	19	21.65	21.78	21.62	22.5		
		36	39	21.71	21.83	21.86	22.5		
		75	0	21.64	21.71	21.86	22.5		
	16QAM	1	0	19.50	19.54	19.80	20.5		
		1	37	19.76	19.93	20.01	20.5		
		1	74	19.03	20.22	20.01	20.5		
		36	0	19.54	19.73	19.78	20.5		
		36	19	19.64	19.71	19.90	20.5		
		36	39	19.66	19.86	19.79	20.5		
		75	0	19.72	19.85	19.76	20.5		
	64QAM	1	0	20.95	20.95	20.95	20.5		
		1	24				20.5		
		1	49				20.5		
		25	0				20.5		
		25	12				20.5		
		25	25				20.5		
		50	0				20.5		
		1	0				20.5		
		1	24				20.5		
		1	49				20.5		
		25	0				20.5		
		25	12				20.5		
		25	25				20.5		
		50	0				20.5		
5	QPSK	1	0	20.95	20.95	20.95	20.5		
		1	24				20.5		
		1	49				20.5		
		25	0				20.5		
		25	12				20.5		
		25	25				20.5		
		50	0				20.5		
	16QAM	1	0				20.5		
		1	24				20.5		
		1	49				20.5		
		25	0				20.5		
		25	12				20.5		
		25	25				20.5		
		50	0				20.5		
	64QAM	1	0				20.5		
		1	24				20.5		
		1	49				20.5		
		25	0				20.5		
		25	12				20.5		
		25	25				20.5		
		50	0				20.5		
3	QPSK	1	0	20.95	20.95	20.95	20.5		
		1	12				20.5		
		1	24				20.5		
		12	0				20.5		
		12	6				20.5		
		12	13				20.5		
		25	0				20.5		
		1	0				20.5		
	16QAM	1	12				20.5		
		1	24				20.5		
		12	0				20.5		
		12	6				20.5		
		12	13				20.5		
		25	0				20.5		
	64QAM	1	0				20.5		
		1	12				20.5		
		1	24				20.5		
		12	0				20.5		
		12	6				20.5		
		12	13				20.5		
		25	0				20.5		
1.4	QPSK	1	0	20.95	20.95	20.95	20.5		
		1	2				20.5		
		1	5				20.5		
		3	0				20.5		
		3	3				20.5		
		5	0				20.5		
		5	3				20.5		
		15	0				20.5		
	16QAM	1	0				20.5		
		1	2				20.5		
		1	5				20.5		
		3	0				20.5		
		3	3				20.5		
		5	0				20.5		
		5	3				20.5		
	64QAM	1	0				20.5		
		1	2				20.5		
		1	5				20.5		
		3	0				20.5		
		3	3				20.5		
		5	0				20.5		
		5	3				20.5		
	256QAM	1	0				20.5		
		1	2				20.5		
		1	5				20.5		
		3	0				20.5		
		3	3				20.5		
		5	0				20.5		
		5	3				20.5		

LTE Band 30 (Ant0)									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Power [dBm]		
		Channel Frequency [MHz]		2718	2718				
10	QPSK	1	0				17.5		
		1	24				17.5		
		1	49				17.5		
		25	0				17.5		
		25	12				17.5		
		25	25				17.5		
		50	0				17.5		
	16QAM	1	0				17.5		
		1	24				17.5		
		1	49				17.5		
		25	0				17.5		
		25	12				17.5		
		25	25				17.5		
		50	0				17.5		
	64QAM	1	0				17.5		
		1	24				17.5		
		1	49				17.5		
		25	0				17.5		
		25	12				17.5		
		25	25				17.5		
		50	0				17.5		
	256QAM	1	0				17.5		
		1	24				17.5		
		1	49				17.5		
		25	0				17.5		
		25	12				17.5		
		25	25				17.5		
		50	0				17.5		
BW [MHz]	Modulation	Channel Frequency [MHz]		2766	2770	2773	Max. Power [dBm]		
5	QPSK	1	0						
		1	12						
		1	24						
		12	0						
		12	6						
		12	13						
		25	0						
		25	0						
	16QAM	1	0						
		1	12						
		1	24						
		12	0						
		12	6						
		12	13						
		25	0						
	64QAM	1	0						
		1	12						
		1	24						
		12	0						
		12	6						
		12	13						
		25	0						
	256QAM	1	0						
		1	12						
		1	24						
		12	0						
		12	6						

(DS1)

LTE Band 38 (Ant1)										
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dBm)			
		Channel Frequency (MHz)		2350	2355	2410				
20	QPSK	1	0	18.03	18.15	17.79	19			
		1	50	17.96	18.01	17.72	19			
		1	99	17.80	17.95	17.50	19			
		50	0	18.08	18.13	17.90	19			
		50	25	17.91	18.09	17.83	19			
		50	50	17.90	18.04	17.69	19			
	16QAM	1	0	17.80	18.08	18.04	19			
		1	50	18.07	17.96	17.91	19			
		1	99	18.04	17.99	18.04	19			
		50	0	18.05	18.00	17.84	19			
		50	25	17.93	18.01	17.85	19			
		50	50	17.84	18.01	17.75	19			
	64QAM	100	0	17.94	18.02	17.91	19			
		1	0	17.99	18.00	18.01	19			
		1	50	18.05	17.93	17.95	19			
		1	99	17.92	17.99	17.70	19			
		50	0	17.86	18.07	17.65	19			
		50	25	17.96	18.07	17.95	19			
	256QAM	50	50	17.87	18.02	17.80	19			
		100	0	17.90	18.01	17.98	19			
		1	0	17.89	17.91	17.95	19			
		1	50	17.96	17.85	17.95	19			
		1	99	17.77	18.01	17.79	19			
		50	25	18.00	18.13	17.99	19			
BW (MHz)	Modulation	Channel		2350	2400	2410	Max. Turn-up (dBm)			
		Frequency (MHz)		2375	2385	2412.5	19			
	QPSK	1	0					19		
		1	37					19		
		1	74					19		
		36	0					19		
		36	39					19		
		75	0					19		
	16QAM	1	0					19		
		1	37					19		
		1	74					19		
		36	0					19		
36		39					19			
75		0					19			
64QAM	1	0					19			
	1	37					19			
	1	74					19			
	36	0					19			
	36	39					19			
	75	0					19			
256QAM	1	0					19			
	1	37					19			
	1	74					19			
	36	0					19			
	36	39					19			
	75	0					19			
BW (MHz)	Modulation	Channel		2375	2400	2420	Max. Turn-up (dBm)			
		Frequency (MHz)		2390	2395	2415	19			
	QPSK	1	0					19		
		1	24					19		
		1	49					19		
		25	0					19		
		25	12					19		
		25	25					19		
	16QAM	1	0					19		
		1	24					19		
		1	49					19		
		25	0					19		
25		12					19			
25		25					19			
64QAM	1	0					19			
	1	24					19			
	1	49					19			
	25	0					19			
	25	12					19			
	25	25					19			
BW (MHz)	Modulation	Channel		2377.5	2400	2422.5	Max. Turn-up (dBm)			
		Frequency (MHz)		2412.5	2395	2417.5	19			
	QPSK	1	0					19		
		1	12					19		
		1	24					19		
		12	0					19		
		12	6					19		
		12	13					19		
	16QAM	1	0					19		
		1	12					19		
		1	24					19		
		12	0					19		
12		6					19			
12		13					19			
64QAM	1	0					19			
	1	12					19			
	1	24					19			
	12	0					19			
	12	6					19			
	12	13					19			
256QAM	1	0					19			
	1	12					19			
	1	24					19			
	12	0					19			
	12	6					19			
	12	13					19			

LTE Band 41 (Ant1)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Turn-up (dBm)
		Channel Frequency (MHz)		2565	2584.5	2593	2593.5	2600	
20	QPSK	1	0	19.46	19.61	19.79	19.68	19.65	20.5
		1	50	19.54	19.54	19.69	19.57	19.46	20.5
		1	99	19.59	19.39	19.60	19.61	19.47	20.5
		50	0	19.45	19.51	19.59	19.60	19.44	20.5
		50	25	19.57	19.54	19.71	19.67	19.46	20.5
		50	50	19.49	19.45	19.58	19.66	19.30	20.5
	16QAM	1	0	19.64	19.46	19.65	19.54	19.39	20.5
		1	0	19.71	19.69	19.68	19.63	19.64	20.5
		1	50	19.55	19.63	19.67	19.56	19.63	20.5
		1	99	19.68	19.58	19.65	19.56	19.60	20.5
		50	0	19.67	19.63	19.60	19.58	19.71	20.5
		50	25	19.58	19.70	19.61	19.61	19.56	20.5
20	64QAM	50	50	19.73	19.73	19.79	19.79	19.69	20.5
		100	0	19.65	19.68	19.57	19.73	19.69	20.5
		1	0	19.65	19.58	19.73	19.67	19.64	20.5
		1	50	19.73	19.52	19.66	19.70	19.68	20.5
		1	99	19.68	19.49	19.53	19.67	19.64	20.5
		50	0	19.73	19.61	19.72	19.69	19.56	20.5
	256QAM	50	25	19.72	19.62	19.75	19.75	19.63	20.5
		50	50	19.59	19.61	19.73	19.72	19.63	20.5
		100	0	19.61	19.70	19.70	19.73	19.74	20.5
		1	0	19.60	19.53	19.60	19.53	19.49	20.5
		1	50	19.53	19.39	19.51	19.41	19.40	20.5
		1	99	19.58	19.40	19.54	19.75	19.54	20.5
15	QPSK	1	0	19.69	19.66	19.80	19.67	19.64	20.5
		50	25	19.72	19.69	19.66	19.74	19.66	20.5
		50	50	19.71	19.63	19.68	19.61	19.62	20.5
		100	0	19.60	19.72	19.72	19.64	19.46	20.5
		1	0	19.60	19.53	19.60	19.53	19.49	20.5
		1	37	19.67	19.64	19.67	19.64	19.67	20.5
	16QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	37	19.67	19.64	19.67	19.64	19.67	20.5
		1	74	19.67	19.64	19.67	19.64	19.67	20.5
		36	0	19.67	19.64	19.67	19.64	19.67	20.5
		36	39	19.67	19.64	19.67	19.64	19.67	20.5
		75	0	19.67	19.64	19.67	19.64	19.67	20.5
64QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5	
	1	37	19.67	19.64	19.67	19.64	19.67	20.5	
	1	74	19.67	19.64	19.67	19.64	19.67	20.5	
	36	0	19.67	19.64	19.67	19.64	19.67	20.5	
	36	39	19.67	19.64	19.67	19.64	19.67	20.5	
	75	0	19.67	19.64	19.67	19.64	19.67	20.5	
10	QPSK	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	37	19.67	19.64	19.67	19.64	19.67	20.5
		1	74	19.67	19.64	19.67	19.64	19.67	20.5
		36	0	19.67	19.64	19.67	19.64	19.67	20.5
		36	39	19.67	19.64	19.67	19.64	19.67	20.5
		75	0	19.67	19.64	19.67	19.64	19.67	20.5
	16QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	37	19.67	19.64	19.67	19.64	19.67	20.5
		1	74	19.67	19.64	19.67	19.64	19.67	20.5
		36	0	19.67	19.64	19.67	19.64	19.67	20.5
		36	39	19.67	19.64	19.67	19.64	19.67	20.5
		75	0	19.67	19.64	19.67	19.64	19.67	20.5
5	QPSK	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	12	19.67	19.64	19.67	19.64	19.67	20.5
		1	24	19.67	19.64	19.67	19.64	19.67	20.5
		12	0	19.67	19.64	19.67	19.64	19.67	20.5
		12	6	19.67	19.64	19.67	19.64	19.67	20.5
		12	12	19.67	19.64	19.67	19.64	19.67	20.5
	16QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	12	19.67	19.64	19.67	19.64	19.67	20.5
		1	24	19.67	19.64	19.67	19.64	19.67	20.5
		12	0	19.67	19.64	19.67	19.64	19.67	20.5
		12	6	19.67	19.64	19.67	19.64	19.67	20.5
		12	12	19.67	19.64	19.67	19.64	19.67	20.5
64QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5	
	1	12	19.67	19.64	19.67	19.64	19.67	20.5	
	1	24	19.67	19.64	19.67	19.64	19.67	20.5	
	12	0	19.67	19.64	19.67	19.64	19.67	20.5	
	12	6	19.67	19.64	19.67	19.64	19.67	20.5	
	12	12	19.67	19.64	19.67	19.64	19.67	20.5	
256QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5	
	1	12	19.67	19.64	19.67	19.64	19.67	20.5	
	1	24	19.67	19.64	19.67	19.64	19.67	20.5	
	12	0	19.67	19.64	19.67	19.64	19.67	20.5	
	12	6	19.67	19.64	19.67	19.64	19.67	20.5	
	12	12	19.67	19.64	19.67	19.64	19.67	20.5	
BW (MHz)	Modulation	Channel Frequency (MHz)	3970	4015	4020	4105	4140	Max. Turn-up (dBm)	
	Channel Frequency (MHz)	2565	2584.5	2593	2593.5	2600			
20	QPSK	1	0	19.46	19.61	19.79	19.68	19.65	20.5
		1	50	19.54	19.54	19.69	19.57	19.46	20.5
		1	99	19.59	19.39	19.60	19.61	19.47	20.5
		50	0	19.45	19.51	19.59	19.60	19.44	20.5
		50	25	19.57	19.54	19.71	19.67	19.46	20.5
		50	50	19.49	19.45	19.58	19.66	19.30	20.5
	16QAM	1	0	19.64	19.46	19.65	19.54	19.39	20.5
		1	0	19.71	19.69	19.68	19.63	19.64	20.5
		1	50	19.55	19.63	19.67	19.56	19.63	20.5
		1	99	19.68	19.58	19.65	19.56	19.60	20.5
		50	0	19.67	19.63	19.60	19.58	19.71	20.5
		50	25	19.58	19.70	19.61	19.61	19.56	20.5
20	64QAM	50	50	19.73	19.73	19.79	19.79	19.69	20.5
		100	0	19.65	19.68	19.57	19.73	19.69	20.5
		1	0	19.65	19.58	19.73	19.67	19.64	20.5
		1	50	19.73	19.52	19.66	19.70	19.68	20.5
		1	99	19.68	19.49	19.53	19.67	19.64	20.5
		50	0	19.73	19.61	19.72	19.69	19.56	20.5
	256QAM	50	25	19.72	19.69	19.66	19.74	19.66	20.5
		50	50	19.59	19.61	19.73	19.72	19.63	20.5
		100	0	19.61	19.70	19.70	19.73	19.74	20.5
		1	0	19.60	19.53	19.60	19.53	19.49	20.5
		1	50	19.53	19.39	19.51	19.41	19.40	20.5
		1	99	19.58	19.40	19.54	19.75	19.54	20.5
15	QPSK	1	0	19.69	19.66	19.80	19.67	19.64	20.5
		50	25	19.72	19.69	19.66	19.74	19.66	20.5
		50	50	19.71	19.63	19.68	19.61	19.62	20.5
		100	0	19.60	19.72	19.72	19.64	19.46	20.5
		1	0	19.60	19.53	19.60	19.53	19.49	20.5
		1	37	19.67	19.64	19.67	19.64	19.67	20.5
	16QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	37	19.67	19.64	19.67	19.64	19.67	20.5
		1	74	19.67	19.64	19.67	19.64	19.67	20.5
		36	0	19.67	19.64	19.67	19.64	19.67	20.5
		36	39	19.67	19.64	19.67	19.64	19.67	20.5
		75	0	19.67	19.64	19.67	19.64	19.67	20.5
64QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5	
	1	37	19.67	19.64	19.67	19.64	19.67	20.5	
	1	74	19.67	19.64	19.67	19.64	19.67	20.5	
	36	0	19.67	19.64	19.67	19.64	19.67	20.5	
	36	39	19.67	19.64	19.67	19.64	19.67	20.5	
	75	0	19.67	19.64	19.67	19.64	19.67	20.5	
10	QPSK	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	37	19.67	19.64	19.67	19.64	19.67	20.5
		1	74	19.67	19.64	19.67	19.64	19.67	20.5
		36	0	19.67	19.64	19.67	19.64	19.67	20.5
		36	39	19.67	19.64	19.67	19.64	19.67	20.5
		75	0	19.67	19.64	19.67	19.64	19.67	20.5
	16QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	37	19.67	19.64	19.67	19.64	19.67	20.5
		1	74	19.67	19.64	19.67	19.64	19.67	20.5
		36	0	19.67	19.64	19.67	19.64	19.67	20.5
		36	39	19.67	19.64	19.67	19.64	19.67	20.5
		75	0	19.67	19.64	19.67	19.64	19.67	20.5
5	QPSK	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	12	19.67	19.64	19.67	19.64	19.67	20.5
		1	24	19.67	19.64	19.67	19.64	19.67	20.5
		12	0	19.67	19.64	19.67	19.64	19.67	20.5
		12	6	19.67	19.64	19.67	19.64	19.67	20.5
		12	12	19.67	19.64	19.67	19.64	19.67	20.5
	16QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5
		1	12	19.67	19.64	19.67	19.64	19.67	20.5
		1	24	19.67	19.64	19.67	19.64	19.67	20.5
		12	0	19.67	19.64	19.67	19.64	19.67	20.5
		12	6	19.67	19.64	19.67	19.64	19.67	20.5
		12	12	19.67	19.64	19.67	19.64	19.67	20.5
64QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5	
	1	12	19.67	19.64	19.67	19.64	19.67	20.5	
	1	24	19.67	19.64	19.67	19.64	19.67	20.5	
	12	0	19.67	19.64	19.67	19.64	19.67	20.5	
	12	6	19.67	19.64	19.67	19.64	19.67	20.5	
	12	12	19.67	19.64	19.67	19.64	19.67	20.5	
256QAM	1	0	19.67	19.64	19.67	19.64	19.67	20.5	
	1	12	19.67	19.64	19.67	19.64	19.67	20.5	
	1	24	19.67	19.64	19.67	19.64	19.67	20.5	

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Part27Q LTE Band 42 (Ant1)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dBm)		
		Channel	Channel	42190	42390	42590			
20	QPSK	Frequency (MHz)			3480	3500	3540	3580	3590
		1	0	18.69	18.64	18.56	19.5		
		1	50	18.67	18.59	18.45	19.5		
		1	99	18.50	18.61	18.40	19.5		
		50	0	18.57	18.49	18.32	19.5		
		50	25	18.68	18.62	18.47	19.5		
		50	50	18.63	18.47	18.34	19.5		
		100	0	18.66	18.52	18.42	19.5		
		1	0	18.63	18.59	18.16	19.5		
		1	50	18.48	18.21	18.56	19.5		
	16QAM	1	0	18.60	18.55	18.52	19.5		
		50	0	18.22	18.50	18.37	19.5		
		50	25	18.48	18.57	18.36	19.5		
		50	50	18.57	18.50	18.44	19.5		
		100	0	18.40	18.54	18.31	19.5		
		1	0	18.51	18.56	18.50	19.5		
		1	50	18.51	18.40	18.55	19.5		
		1	99	18.51	18.23	18.55	19.5		
		50	0	18.26	18.49	18.34	19.5		
		50	25	18.48	18.55	18.25	19.5		
15	QPSK	1	0	18.65	18.61	18.57	19.5		
		1	50	18.46	18.50	18.62	19.5		
		1	99	18.50	18.43	18.48	19.5		
		50	0	18.33	18.64	18.40	19.5		
		50	25	18.51	18.42	18.45	19.5		
		50	50	18.51	18.32	18.43	19.5		
		100	0	18.44	18.35	18.30	19.5		
	16QAM	1	0	18.65	18.61	18.57	19.5		
		1	50	18.46	18.50	18.62	19.5		
		1	99	18.50	18.43	18.48	19.5		
		50	0	18.33	18.64	18.40	19.5		
		50	25	18.51	18.42	18.45	19.5		
		50	50	18.51	18.32	18.43	19.5		
		100	0	18.41	18.26	18.30	19.5		
	256QAM	1	0	18.65	18.61	18.57	19.5		
		1	50	18.46	18.50	18.62	19.5		
		1	99	18.50	18.43	18.48	19.5		
		50	0	18.33	18.64	18.40	19.5		
		50	25	18.51	18.42	18.45	19.5		
		50	50	18.51	18.32	18.43	19.5		
		100	0	18.41	18.26	18.30	19.5		
10	QPSK	Channel			42190	42390	42510	Max. Turn-up (dBm)	
		Frequency (MHz)			3457.5	3475	3462.5		
		1	0					19.5	
		1	37					19.5	
		1	74					19.5	
		36	0					19.5	
		36	19					19.5	
		36	39					19.5	
		75	0					19.5	
		1	0					19.5	
	16QAM	1	37					19.5	
		1	74					19.5	
		36	0					19.5	
		36	19					19.5	
		36	39					19.5	
		75	0					19.5	
		1	0					19.5	
		1	37					19.5	
		1	74					19.5	
		36	0					19.5	
5	QPSK	Channel			42190	42390	42510	Max. Turn-up (dBm)	
		Frequency (MHz)			3457.5	3475	3462.5		
		1	0					19.5	
		1	24					19.5	
		1	49					19.5	
		25	0					19.5	
		25	12					19.5	
		25	25					19.5	
		50	0					19.5	
		1	0					19.5	
	16QAM	1	24					19.5	
		1	49					19.5	
		25	0					19.5	
		25	12					19.5	
		25	25					19.5	
		50	0					19.5	
		1	0					19.5	
		1	24					19.5	
		1	49					19.5	
		25	0					19.5	
20	QPSK	Channel			42190	42390	42510	Max. Turn-up (dBm)	
		Frequency (MHz)			3457.5	3475	3462.5		
		1	0					19.5	
		1	12					19.5	
		1	24					19.5	
		12	0					19.5	
		12	6					19.5	
		12	13					19.5	
		25	0					19.5	
		1	0					19.5	
	16QAM	1	12					19.5	
		1	24					19.5	
		12	0					19.5	
		12	6					19.5	
		12	13					19.5	
		25	0					19.5	
		1	0					19.5	
		1	12					19.5	
		1	24					19.5	
		12	0					19.5	
10	QPSK	Channel			42190	42390	42510	Max. Turn-up (dBm)	
		Frequency (MHz)			3457.5	3475	3462.5		
		1	0					19.5	
		1	12					19.5	
		1	24					19.5	
		12	0					19.5	
		12	6					19.5	
		12	13					19.5	
		25	0					19.5	
		1	0					19.5	
	16QAM	1	12					19.5	
		1	24					19.5	
		12	0					19.5	
		12	6					19.5	
		12	13					19.5	
		25	0					19.5	
		1	0					19.5	
		1	12					19.5	
		1	24					19.5	
		12	0					19.5	
5	QPSK	Channel			42190	42390	42510	Max. Turn-up (dBm)	
		Frequency (MHz)			3457.5	3475	3462.5		
		1	0					19.5	
		1	12					19.5	
		1	24					19.5	
		12	0					19.5	
		12	6					19.5	
		12	13					19.5	
		25	0					19.5	
		1	0					19.5	
	16QAM	1	12					19.5	
		1	24					19.5	
		12	0					19.5	
		12	6					19.5	
		12	13					19.5	
		25	0					19.5	
		1	0					19.5	
		1	12					19.5	
		1	24					19.5	
		12	0					19.5	

Part96 LTE Band 42 (Ant1)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dBm)		
		Channel	Frequency (MHz)	43190	43340	43490			
20	QPSK	1	0	18.66	18.37	18.68	19.5		
		1	50	18.64	18.25	18.63	19.5		
		1	99	18.59	18.21	18.61	19.5		
		50	0	18.63	18.34	18.64	19.5		
		50	25	18.59	18.48	18.66	19.5		
		50	50	18.47	18.23	18.62	19.5		
		100	0	18.56	18.25	18.68	19.5		
		1	0	18.35	18.29	18.43	19.5		
		1	50	18.27	18.13	18.00	19.5		
		1	99	18.24	18.10	17.95	19.5		
	16QAM	50	0	18.46	18.24	18.61	19.5		
		50	25	18.49	18.29	18.63	19.5		
		50	50	18.52	18.22	18.47	19.5		
		100	0	18.50	18.19	18.56	19.5		
256QAM	1	0	18.54	18.18	18.56	19.5			
	1	50	18.24	18.09	18.55	19.5			
	1	99	18.65	18.14	18.59	19.5			
	50	0	18.58	18.25	18.56	19.5			
	50	25	18.50	18.34	18.63	19.5			
	50	50	18.50	18.25	18.51	19.5			
	100	0	18.47	18.23	18.49	19.5			
	Channel	43165	43340	43515	Max. Turn-up (dBm)				
	BW (MHz)	Modulation	Channel	43165	43340	43515	Max. Turn-up (dBm)		
	15	QPSK	1	0				19.5	
1			37				19.5		
1			74				19.5		
36			0				19.5		
36			19				19.5		
75			0				19.5		
1			0				19.5		
1			37				19.5		
1			74				19.5		
36			0				19.5		
16QAM		36	19				19.5		
		36	39				19.5		
		75	0				19.5		
		1	0				19.5		
256QAM	1	37				19.5			
	1	74				19.5			
	36	0				19.5			
	36	19				19.5			
	75	0				19.5			
	1	0				19.5			
	1	37				19.5			
	1	74				19.5			
	36	0				19.5			
	36	19				19.5			
BW (MHz)	Modulation	Channel	43165	43340	43515	Max. Turn-up (dBm)			
10	QPSK	1	0				19.5		
		1	24				19.5		
		1	49				19.5		
		25	0				19.5		
		25	12				19.5		
		25	25				19.5		
		50	0				19.5		
		1	0				19.5		
		1	24				19.5		
		1	49				19.5		
	16QAM	25	0				19.5		
		25	12				19.5		
		25	25				19.5		
		50	0				19.5		
256QAM	1	0				19.5			
	1	24				19.5			
	1	49				19.5			
	25	0				19.5			
	25	12				19.5			
	25	25				19.5			
	50	0				19.5			
	1	0				19.5			
	1	24				19.5			
	1	49				19.5			
BW (MHz)	Modulation	Channel	43115	43340	43565	Max. Turn-up (dBm)			
5	QPSK	1	12				19.5		
		1	24				19.5		
		12	0				19.5		
		12	6				19.5		
		12	13				19.5		
		25	0				19.5		
		1	0				19.5		
		1	12				19.5		
		1	24				19.5		
		12	0				19.5		
	16QAM	12	6				19.5		
		12	13				19.5		
		25	0				19.5		
		1	12				19.5		
256QAM	1	24				19.5			
	12	0				19.5			
	12	6				19.5			
	25	0				19.5			

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LTE Band 48 (Ant1)									
SW (MHz)	Modulation	RB Size Channel	RB Offset	Low	Low Mid	High Mid	High	Max. Turn-up (dBm)	
20	QPSK	Channel Frequency (MHz)		5540	5565	5615	5640		
		1	0	19.62	20.16	20.24	20.17	21	
		1	50	20.00	20.33	20.41	20.38	21	
		1	99	19.84	20.25	20.24	20.20	21	
		50	0	19.81	20.03	20.29	20.21	21	
		50	25	20.04	20.18	20.32	20.28	21	
		50	50	19.99	20.10	20.19	20.24	21	
		100	0	19.95	20.28	20.34	20.26	21	
		1	0	19.98	19.97	20.24	20.31	21	
		1	50	19.81	20.14	20.40	20.31	21	
	16QAM	1	0	19.99	19.95	20.21	20.14	21	
		50	0	19.93	20.16	20.31	20.32	21	
		50	25	19.93	20.36	20.33	20.13	21	
		50	50	19.76	20.37	20.29	20.31	21	
		100	0	19.91	20.30	20.30	20.20	21	
		1	0	19.82	20.16	20.26	20.29	21	
		1	50	20.09	20.15	20.27	20.27	21	
		1	99	20.17	20.05	20.38	20.33	21	
		50	0	19.98	20.29	20.08	20.36	21	
		50	25	19.95	20.14	20.28	20.30	21	
	64QAM	50	50	19.98	20.37	20.36	20.21	21	
		100	0	19.75	20.29	20.29	20.26	21	
		1	0	18.83	18.88	19.19	19.07	19.5	
		1	50	18.67	19.12	19.06	18.18	19.5	
		1	99	18.89	19.30	19.17	19.16	19.5	
		50	0	18.96	19.14	19.07	19.02	19.5	
		50	25	18.83	19.14	19.03	19.03	19.5	
		50	50	18.65	19.08	19.10	19.12	19.5	
		100	0	18.69	19.06	19.01	19.04	19.5	
		100	0	18.69	19.06	19.01	19.04	19.5	
15	QPSK	Channel Frequency (MHz)		5518	5563	5618	5660		
		1	0	3971.9	3991.3	3998.8	3993.9		21
		1	37						21
		1	74						21
		36	0						21
		36	36						21
		36	75						21
		75	0						21
		1	0						21
		1	37						21
	16QAM	1	74						21
		36	0						21
		36	36						21
		36	75						21
		75	0						21
		1	0						21
		1	37						21
		1	74						21
		36	0						21
		36	36						21
	64QAM	36	75						21
		75	0						21
		1	0						21
		1	37						21
		1	74						21
		36	0						21
		36	36						21
		36	75						21
		75	0						21
		1	0						21
	256QAM	1	37						19.5
		1	74						19.5
		36	0						19.5
		36	36						19.5
		36	75						19.5
		75	0						19.5
		1	0						19.5
		1	37						19.5
		1	74						19.5
		36	0						19.5
10	QPSK	Channel Frequency (MHz)		5520	5560	5620	5660		
		1	0	3955	3990	3990	3990		21
		1	24						21
		1	48						21
		25	0						21
		25	12						21
		25	25						21
		50	0						21
		1	0						21
		1	24						21
	16QAM	1	48						21
		25	0						21
		25	12						21
		25	25						21
		50	0						21
		1	0						21
		1	24						21
		1	48						21
		25	0						21
		25	12						21
	64QAM	25	25						21
		50	0						21
		1	0						19.5
		1	24						19.5
		1	48						19.5
		25	0						19.5
		25	12						19.5
		25	25						19.5
		50	0						19.5
		1	0						19.5
5	QPSK	Channel Frequency (MHz)		5525	5565	5625	5675		
		1	0	3952.5	3992.5	3992.5	3992.5		21
		1	12						21
		1	24						21
		12	0						21
		12	6						21
		12	13						21
		25	0						21
		1	0						21
		1	12						21
	16QAM	1	24						21
		12	0						21
		12	6						21
		12	13						21
		25	0						21
		1	0						21
		1	12						21
		1	24						21
		12	0						21
		12	6						21
	64QAM	12	13						21
		25	0						21
		1	0						19.5
		1	12						19.5
		1	24						19.5
		12	0						19.5
		12	6						19.5
		12	13						19.5
		25	0						19.5
		25	0						19.5

(DSH1)

LTE Band 66 (Ant0)						
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		132672	132622	132672
		Frequency (MHz)		1729	1746	1779
						Max. Turn-up (dBm)
20	QPSK	1	0	15.08	15.81	15.74
		1	50	15.82	15.86	15.83
		1	99	15.77	15.75	15.71
		50	0	15.49	15.77	15.69
		50	25	15.86	15.79	15.73
		50	50	15.72	15.71	15.72
		100	0	15.86	15.77	15.81
		1	0	15.76	15.84	15.74
		1	50	15.84	15.86	15.74
		1	99	15.80	15.75	15.80
	16QAM	1	0	15.82	15.86	15.83
		1	50	15.82	15.86	15.83
		1	99	15.82	15.86	15.83
		50	0	15.87	15.79	15.81
		50	25	15.80	15.86	15.78
		50	50	15.83	15.82	15.71
		100	0	15.82	15.86	15.74
		1	0	15.88	15.86	15.82
		1	50	15.82	15.86	15.83
		1	99	15.71	15.76	15.83
15	QPSK	1	0	15.74	15.80	15.82
		1	50	15.89	15.88	15.75
		1	99	15.89	15.88	15.75
		50	0	15.83	15.78	15.71
		50	25	15.76	15.82	15.70
		50	50	15.71	15.80	15.71
		100	0	15.80	15.77	15.70
		1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
	16QAM	1	0	15.82	15.86	15.83
		1	50	15.82	15.86	15.83
		1	99	15.82	15.86	15.83
		50	0	15.87	15.79	15.81
		50	25	15.80	15.86	15.78
		50	50	15.83	15.82	15.71
		100	0	15.82	15.86	15.74
		1	0	15.88	15.86	15.82
		1	50	15.82	15.86	15.83
		1	99	15.71	15.76	15.83
10	QPSK	1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
		50	0	15.83	15.78	15.71
		50	25	15.76	15.82	15.70
		50	50	15.71	15.80	15.71
		100	0	15.80	15.77	15.70
		1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
	16QAM	1	0	15.82	15.86	15.83
		1	50	15.82	15.86	15.83
		1	99	15.82	15.86	15.83
		50	0	15.87	15.79	15.81
		50	25	15.80	15.86	15.78
		50	50	15.83	15.82	15.71
		100	0	15.82	15.86	15.74
		1	0	15.88	15.86	15.82
		1	50	15.82	15.86	15.83
		1	99	15.71	15.76	15.83
5	QPSK	1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
		50	0	15.83	15.78	15.71
		50	25	15.76	15.82	15.70
		50	50	15.71	15.80	15.71
		100	0	15.80	15.77	15.70
		1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
	16QAM	1	0	15.82	15.86	15.83
		1	50	15.82	15.86	15.83
		1	99	15.82	15.86	15.83
		50	0	15.87	15.79	15.81
		50	25	15.80	15.86	15.78
		50	50	15.83	15.82	15.71
		100	0	15.82	15.86	15.74
		1	0	15.88	15.86	15.82
		1	50	15.82	15.86	15.83
		1	99	15.71	15.76	15.83
3	QPSK	1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
		50	0	15.83	15.78	15.71
		50	25	15.76	15.82	15.70
		50	50	15.71	15.80	15.71
		100	0	15.80	15.77	15.70
		1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
	16QAM	1	0	15.82	15.86	15.83
		1	50	15.82	15.86	15.83
		1	99	15.82	15.86	15.83
		50	0	15.87	15.79	15.81
		50	25	15.80	15.86	15.78
		50	50	15.83	15.82	15.71
		100	0	15.82	15.86	15.74
		1	0	15.88	15.86	15.82
		1	50	15.82	15.86	15.83
		1	99	15.71	15.76	15.83
1.4	QPSK	1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
		50	0	15.83	15.78	15.71
		50	25	15.76	15.82	15.70
		50	50	15.71	15.80	15.71
		100	0	15.80	15.77	15.70
		1	0	15.87	15.87	15.83
		1	50	15.89	15.82	15.87
		1	99	15.88	15.89	15.77
	16QAM	1	0	15.82	15.86	15.83
		1	50	15.82	15.86	15.83
		1	99	15.82	15.86	15.83
		50	0	15.87	15.79	15.81
		50	25	15.80	15.86	15.78
		50	50	15.83	15.82	15.71
		100	0	15.82	15.86	15.74
		1	0	15.88	15.86	15.82
		1	50	15.82	15.86	15.83
		1	99	15.71	15.76	15.83

LTE Band 66 (Ant2)						
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		132672	132622	132672
		Frequency (MHz)		1729	1746	1779
20	QPSK	1	0	25.52	25.68	24.99
		1	50	25.24	25.05	24.81
		1	99	25.11	25.02	24.91
		50	0	24.39	24.16	24.10
		50	25	24.36	24.13	24.08
		50	50	24.27	24.11	24.06
		100	0	24.31	24.10	24.09
		1	0	24.53	24.22	24.12
		1	50	24.31	24.33	24.05
		1	99	24.35	24.18	24.15
	16QAM	1	0	23.29	23.21	23.16
		1	50	23.26	23.16	23.18
		1	99	23.26	23.13	23.14
		50	0	23.29	23.21	23.16
		50	25	23.26	23.16	23.18
		50	50	23.26	23.13	23.14
		100	0	23.20	23.16	23.12
		1	0	23.25	23.22	23.19
		1	50	23.22	23.25	23.12
		1	99	23.18	23.20	23.15
64QAM	1	0	22.28	22.19	22.09	
	1	50	22.26	22.16	22.12	
	1	99	22.25	22.12	22.14	
	50	0	22.25	22.12	22.14	
	50	25	22.25	22.12	22.14	
	50	50	22.25	22.10	22.08	
	100	0	22.25	22.10	22.08	
	1	0	20.42	20.39	20.30	
	1	50	20.45	20.31	20.27	
	1	99	20.38	20.27	20.20	
256QAM	1	0	20.35	20.17	20.15	
	1	50	20.33	20.13	20.18	
	1	99	20.30	20.27	20.20	
	50	0	20.35	20.17	20.15	
	50	25	20.33	20.13	20.18	
	50	50	20.31	20.16	20.16	
	100	0	20.17	20.11	20.12	
	1	0	20.42	20.39	20.30	
	1	50	20.45	20.31	20.27	
	1	99	20.38	20.27	20.20	
BW [MHz]	Modulation	Channel	132672	132622	132667	Max. Turn-up (dBm)
15	QPSK	1	0	17.15	1746	1772.5
		1	37			25.5
		1	74			25.5
		38	0			25.5
		38	19			24.5
		76	0			24.5
		76	38			24.5
		1	0			24.5
		1	74			24.5
		1	14			23.5
	16QAM	38	0			23.5
		38	19			23.5
		76	0			22.5
		76	38			22.5
		1	0			25.5
		1	74			25.5
		1	14			25.5
		1	37			25.5
		1	74			25.5
		38	0			25.5
64QAM	38	0			25.5	
	38	19			25.5	
	76	0			25.5	
	76	38			25.5	
	1	0			25.5	
	1	74			25.5	
	1	14			25.5	
	1	37			25.5	
	1	74			25.5	
	38	0			25.5	
BW [MHz]	Modulation	Channel	132672	132622	132667	Max. Turn-up (dBm)
10	QPSK	1	0	17.15	1746	1775
		1	24			25.5
		1	49			25.5
		25	0			24.5
		25	12			24.5
		50	0			24.5
		50	25			24.5
		1	0			24.5
		1	24			24.5
		1	49			24.5
	16QAM	25	0			23.5
		25	12			23.5
		50	0			23.5
		50	25			23.5
		1	0			23.5
		1	24			23.5
		1	49			23.5
		25	0			22.5
		25	12			22.5
		50	0			22.5
64QAM	25	0			22.5	
	25	12			22.5	
	50	0			22.5	
	50	25			22.5	
	1	0			25.5	
	1	24			25.5	
	1	49			25.5	
	25	0			25.5	
	25	12			25.5	
	50	0			25.5	
BW [MHz]	Modulation	Channel	132672	132622	132667	Max. Turn-up (dBm)
5	QPSK	1	0	17.15	1746	1779.5
		1	12			25.5
		1	24			25.5
		12	0			24.5
		12	6			24.5
		12	13			24.5
		25	0			24.5
		1	0			24.5
		1	12			24.5
		1	24			24.5
	16QAM	12	0			23.5
		12	6			23.5
		12	13			23.5
		25	0			23.5
		1	0			23.5
		1	12			23.5
		1	24			23.5
		12	0			22.5
		12	6			22.5
		12	13			22.5
64QAM	25	0			22.5	
	1	0			25.5	
	1	12			25.5	
	1	24			25.5	
	12	0			25.5	
	12	6			25.5	
	12	13			25.5	
	25	0			25.5	
	1	0			25.5	
	1	12			25.5	
BW [MHz]	Modulation	Channel	132672	132622	132667	Max. Turn-up (dBm)
3	QPSK	1	0	17.15	1746	1779.5
		1	7			25.5
		1	14			25.5
		8	0			24.5
		8	7			24.5
		16	0			24.5
		1	0			24.5
		1	7			24.5
		1	14			24.5
		8	0			23.5
	16QAM	8	0			23.5
		8	7			23.5
		16	0			23.5
		1	0			23.5
		1	7			23.5
		1	14			23.5
		8	0			22.5
		8	7			22.5
		16	0			22.5
		1	0			20.5
64QAM	1	7			20.5	
	1	14			20.5	
	8	0			20.5	
	8	7			20.5	
	16	0			20.5	
	1	0			20.5	
	1	7			20.5	
	1	14			20.5	
	8	0			20.5	
	8	7			20.5	
BW [MHz]	Modulation	Channel	132672	132622	132667	Max. Turn-up (dBm)
1.4	QPSK	1	0	17.15	1746	1779.5
		1	0			25.5
		1	2			25.5
		3	0			25.5
		3	3			25.5
		3	6			25.5
		1	0			24.5
		1	2			24.5
		1	6			24.5
		3	0			24.5
	16QAM	3	0			24.5
		3	3			24.5
		3	6			24.5
		1	0			24.5
		1	2			23.5
		1	6			23.5
		3	0			23.5
		3	3			23.5
		3	6			23.5
		1	0			22.5
64QAM	1	2			22.5	
	1	6			22.5	
	3	0			22.5	
	3	3			22.5	
	3	6			22.5	
	1	0			20.5	
	1	2			20.5	
	1	6			20.5	
	3	0			20.5	
	3	3			20.5	

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LTE Band 71 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel	Frequency (MHz)	133222	133222	133272
20	QPSK	1	0	24.04	24.07	24.02
		1	50	23.09	23.09	23.78
		1	99	23.81	23.62	23.52
		50	0	22.90	22.84	22.80
		50	25	22.86	22.96	22.98
		50	50	22.87	22.82	22.78
		100	0	22.82	22.86	22.81
		1	0	23.74	23.28	23.02
		1	50	23.18	23.06	23.09
		1	99	22.54	23.07	22.85
10QAM		50	0	22.15	21.99	21.87
		50	25	22.04	21.88	21.94
		50	50	21.95	21.77	21.84
		100	0	21.96	21.73	21.80
		1	0	21.78	22.21	22.22
		1	50	21.03	21.86	21.83
		1	99	22.09	21.73	21.57
		50	0	21.05	20.98	20.96
		50	25	21.00	20.93	20.93
		50	50	20.93	20.85	20.88
256QAM		100	0	20.98	20.75	20.92
		1	0	18.89	18.22	18.14
		1	50	19.03	18.99	18.79
		1	99	19.01	18.71	18.77
		50	0	19.02	19.12	18.78
		50	25	18.93	18.99	18.97
		50	50	18.85	18.86	18.85
		100	0	19.05	18.89	18.90
		100	0	19.05	18.89	18.90
		100	0	19.05	18.89	18.90
BW (MHz)	Modulation	Channel	Frequency (MHz)	133172	133297	133402
		Frequency (MHz)	675.5	685.5	695.5	
15	QPSK	1	0			25.5
		1	37			25.5
		1	74			25.5
		36	0			24.5
		36	19			24.5
		36	39			24.5
		75	0			24.5
		1	0			24.5
		1	37			24.5
		1	74			24.5
10QAM		36	0			23.5
		36	19			23.5
		36	39			23.5
		75	0			23.5
		1	0			23.5
		1	37			23.5
		1	74			23.5
		36	0			23.5
		36	19			23.5
		36	39			23.5
256QAM		75	0			23.5
		1	0			23.5
		1	37			23.5
		1	74			23.5
		36	0			23.5
		36	19			23.5
		36	39			23.5
		75	0			23.5
		1	0			23.5
		1	37			23.5
BW (MHz)	Modulation	Channel	Frequency (MHz)	133172	133297	133402
		Frequency (MHz)	685.5	695.5	705.5	
10	QPSK	1	0			25.5
		1	24			25.5
		1	49			25.5
		25	0			24.5
		25	12			24.5
		25	25			24.5
		50	0			24.5
		1	0			24.5
		1	24			24.5
		1	49			24.5
10QAM		25	0			23.5
		25	12			23.5
		25	25			23.5
		50	0			23.5
		1	0			23.5
		1	24			23.5
		1	49			23.5
		25	0			23.5
		25	12			23.5
		25	25			23.5
256QAM		50	0			23.5
		1	0			23.5
		1	24			23.5
		1	49			23.5
		25	0			23.5
		25	12			23.5
		25	25			23.5
		50	0			23.5
		1	0			23.5
		1	24			23.5
BW (MHz)	Modulation	Channel	Frequency (MHz)	133147	133297	133402
		Frequency (MHz)	695.5	695.5	695.5	
5	QPSK	1	0			25.5
		1	12			25.5
		1	24			25.5
		12	0			24.5
		12	6			24.5
		12	13			24.5
		25	0			24.5
		1	0			24.5
		1	12			24.5
		1	24			24.5
10QAM		12	0			23.5
		12	6			23.5
		12	13			23.5
		25	0			23.5
		1	0			23.5
		1	12			23.5
		1	24			23.5
		12	0			23.5
		12	6			23.5
		12	13			23.5
256QAM		25	0			23.5
		1	0			23.5
		1	12			23.5
		1	24			23.5
		12	0			23.5
		12	6			23.5
		12	13			23.5
		25	0			23.5
		1	0			23.5
		1	12			23.5

LTE Band 106 (Ant0)							
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Time-up (dBm)
		Channel	Frequency (MHz)	134322	134372	134385	
3	QPSK	1	0		23.45	24.5	
		1	7		23.22	24.5	
		1	14		23.27	24.5	
		8	0		23.38	24.5	
		8	3		23.25	24.5	
		8	7		23.28	24.5	
		16	0		23.35	24.5	
		1	0		23.47	24.5	
		1	7		23.36	24.5	
		1	14		23.41	24.5	
		8	0		22.33	23.5	
		8	3		22.37	23.5	
	10QAM	8	7		22.31	23.5	
		16	0		22.30	23.5	
		1	0		22.72	23.5	
		1	7		22.65	23.5	
		1	14		22.63	23.5	
		8	0		21.95	22.5	
		8	3		22.08	22.5	
		8	7		22.07	22.5	
		16	0		22.01	22.5	
		256QAM	1	0		20.25	20.5
			1	7		20.20	20.5
			1	14		20.29	20.5
8	0			20.30	20.5		
8	3			20.17	20.5		
8	7			20.15	20.5		
16	0			20.19	20.5		
14	QPSK		1	0			24.5
			1	2			24.5
			1	5			24.5
			3	0			24.5
			3	1			24.5
		3	3			24.5	
	10QAM	3	0			23.5	
		3	1			23.5	
		3	3			23.5	
		6	0			23.5	
		1	0			23.5	
		1	2			23.5	
256QAM	1	0			23.5		
	1	2			23.5		
	1	5			23.5		
	3	0			23.5		
	3	1			23.5		
	3	3			23.5		

(DS11)

n2 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		372000	376000	380000		
		Frequency (MHz)		1860	1880	1900		
20	Pi/2 BPSK	1	1	11.83	11.83	11.74	13.5	
		1	53	11.81	11.85	11.69	13.5	
		1	104	11.94	11.86	11.76	13.5	
		50	0	11.96	11.70	11.80	13.5	
		50	28	11.93	11.87	11.86	13.5	
		50	56	12.01	11.81	11.85	13.5	
		100	0	12.01	11.73	11.77	13.5	
		1	1	12.14	12.02	11.92	13.5	
	QPSK	1	53	11.89	11.93	11.83	13.5	
		1	104	11.95	11.98	11.78	13.5	
		50	0	12.00	11.88	11.85	13.5	
		50	28	12.09	12.07	11.87	13.5	
		50	56	11.87	11.97	11.72	13.5	
		100	0	12.06	11.86	11.67	13.5	
		16QAM	1	1	11.93	11.85	11.83	13.5
		64QAM	1	1	11.91	11.68	11.64	13.5
	256QAM	1	1	11.74	11.73	11.67	13.5	
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	Max. Tune-up	
15	QPSK	Frequency (MHz)		1857.5	1880	1902.5	13.5	
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	Max. Tune-up	
10	QPSK	Frequency (MHz)		1855	1880	1905	13.5	
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	Max. Tune-up	
5	QPSK	Frequency (MHz)		1852.5	1880	1907.5	13.5	

n2 (SCS 15kHz)_Ant2							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
20	Pi/2 BPSK	Frequency (MHz)		1860	1880	1900	
		1	1	21.88	21.92	22.17	23.0
		1	53	22.06	22.08	22.14	23.0
		1	104	22.27	22.32	22.26	23.0
		50	0	22.17	22.22	22.30	23.0
		50	28	22.12	22.21	22.22	23.0
		50	56	22.36	22.27	22.33	23.0
		100	0	22.10	22.21	22.35	23.0
	QPSK	1	1	21.99	22.39	22.17	23.0
		1	53	21.90	22.26	22.10	23.0
		1	104	21.74	22.05	22.14	23.0
		50	0	22.18	22.18	22.17	23.0
		50	28	22.19	22.24	22.21	23.0
		50	56	22.14	22.20	22.19	23.0
		100	0	22.11	22.26	22.22	23.0
		16QAM	1	1	22.17	22.27	22.30
	64QAM	1	1	21.71	21.81	21.84	22.5
256QAM	1	1	19.55	19.71	19.78	20.5	
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	Max. Tune-up
15	QPSK	Frequency (MHz)		1857.5	1880	1902.5	23.0
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	Max. Tune-up
10	QPSK	Frequency (MHz)		1855	1880	1905	23.0
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	Max. Tune-up
5	QPSK	Frequency (MHz)		1852.5	1880	1907.5	23.0

(DS11)

n5 (SCS 15kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		166800	167300	167800	
		Frequency (MHz)		834	836.5	839	
20	Pi/2 BPSK	1	1	22.06	22.20	22.34	24.0
		1	53	22.26	22.41	22.21	24.0
		1	104	22.50	22.45	22.37	24.0
		50	0	22.34	22.59	22.51	24.0
		50	28	22.62	22.54	22.48	24.0
		50	56	22.64	22.74	22.52	24.0
		100	0	22.66	22.47	22.48	24.0
		1	1	22.68	22.90	22.70	24.0
		1	53	22.52	22.47	22.28	24.0
	QPSK	1	104	22.56	22.58	22.42	24.0
		50	0	22.58	22.71	22.51	24.0
		50	28	22.74	22.78	22.62	24.0
		50	56	22.59	22.70	22.56	24.0
		100	0	22.61	22.74	22.69	24.0
		16QAM	1	1	22.49	22.57	24.0
		64QAM	1	1	21.51	21.69	22.5
		256QAM	1	1	19.56	19.68	20.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	Max. Tune-up
15	QPSK	Frequency (MHz)		831.5	836.5	841.5	24.0
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	Max. Tune-up
10	QPSK	Frequency (MHz)		829	836.5	844	24.0
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	Max. Tune-up
5	QPSK	Frequency (MHz)		826.5	836.5	846.5	24.0

n7 (SCS 15kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		502000	507000	512000	
		Frequency (MHz)		2510	2535	2560	
20	Pi/2 BPSK	1	1	17.11	17.25	17.31	18.5
		1	53	16.98	17.21	17.23	18.5
		1	104	17.13	17.41	16.83	18.5
		50	0	17.39	17.36	17.52	18.5
		50	28	16.98	17.36	17.36	18.5
		50	56	17.29	17.48	17.54	18.5
		100	0	16.93	17.40	17.15	18.5
		1	1	17.38	17.65	17.57	18.5
		1	53	17.25	17.45	17.40	18.5
	QPSK	1	104	17.19	17.39	16.96	18.5
		50	0	17.34	17.51	17.43	18.5
		50	28	17.48	17.56	17.51	18.5
		50	56	17.45	17.48	17.40	18.5
		100	0	17.46	17.61	17.53	18.5
		16QAM	1	1	17.47	17.59	18.5
		64QAM	1	1	17.24	17.19	18.5
		256QAM	1	1	16.98	17.20	18.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	Max. Tune-up
15	QPSK	Frequency (MHz)		2507.5	2535	2562.5	18.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	Max. Tune-up
10	QPSK	Frequency (MHz)		2505	2535	2565	18.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	Max. Tune-up
5	QPSK	Frequency (MHz)		2502.5	2535	2567.5	18.5

(DSI1)

n25 (SCS 15 kHz)_Ant0								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		372000	376500	381000		
		Frequency (MHz)		1860	1882.5	1905		
20	DFT-s-OFDM Pv2 BPSK	1	1	12.08	12.04	11.88	13.5	
		1	53	11.92	11.97	11.80	13.5	
		1	104	11.99	12.09	11.89	13.5	
		50	0	11.91	11.90	11.88	13.5	
		50	28	11.95	11.70	11.79	13.5	
		50	56	11.94	12.02	11.85	13.5	
		100	0	11.75	11.88	11.87	13.5	
		1	1	12.15	11.92	11.76	13.5	
		1	53	11.88	11.82	11.70	13.5	
	DFT-s-OFDM QPSK	1	104	11.82	11.72	11.58	13.5	
		50	0	11.86	11.62	11.61	13.5	
		50	28	12.02	11.79	11.73	13.5	
		50	56	11.89	11.59	11.55	13.5	
		100	0	11.66	11.61	11.58	13.5	
		DFT-s-OFDM 16QAM	1	1	11.65	11.85	11.84	13.5
		DFT-s-OFDM 64QAM	1	1	11.98	12.05	12.10	13.5
		DFT-s-OFDM 256QAM	1	1	11.87	11.85	11.70	13.5
BW [MHz]	MCS Index	Channel		371500	376500	381500	Max. Tune-up	
15	DFT-s-OFDM QPSK	Frequency (MHz)		1857.5	1882.5	1907.5	13.5	
BW [MHz]	MCS Index	Channel		371000	376500	382000	Max. Tune-up	
10	DFT-s-OFDM QPSK	Frequency (MHz)		1855	1882.5	1910	13.5	
BW [MHz]	MCS Index	Channel		370500	376500	382500	Max. Tune-up	
5	DFT-s-OFDM QPSK	Frequency (MHz)		1852.5	1882.5	1912.5	13.5	

n25 (SCS 15 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376500	381000	
		Frequency (MHz)		1860	1882.5	1905	
20	DFT-s-OFDM P1/2 BPSK	1	1	22.26	22.33	22.56	23.5
		1	53	22.33	22.49	22.57	23.5
		1	104	22.41	22.61	22.38	23.5
		50	0	22.49	22.49	22.61	23.5
		50	28	22.53	22.60	22.53	23.5
		50	56	22.55	22.65	22.68	23.5
		100	0	22.49	22.62	22.53	23.5
	DFT-s-OFDM QPSK	1	1	22.43	22.56	22.74	23.5
		1	53	22.29	22.33	22.45	23.5
		1	104	22.14	22.38	22.39	23.5
		50	0	22.46	22.51	22.66	23.5
		50	28	22.61	22.67	22.70	23.5
		50	56	22.60	22.65	22.60	23.5
		100	0	22.48	22.61	22.63	23.5
	DFT-s-OFDM 16QAM	1	1	22.42	22.47	22.58	23.5
	DFT-s-OFDM 64QAM	1	1	21.32	21.26	21.25	22.5
	DFT-s-OFDM 256QAM	1	1	19.20	19.27	19.33	20.5
BW [MHz]	MCS Index	Channel		371500	376500	381500	Max. Tune-up
15	DFT-s-OFDM QPSK	1	1	1857.5	1882.5	1907.5	23.5
BW [MHz]	MCS Index	Channel		371000	376500	382000	Max. Tune-up
10	DFT-s-OFDM QPSK	1	1	1855	1882.5	1910	23.5
BW [MHz]	MCS Index	Channel		370500	376500	382500	Max. Tune-up
5	DFT-s-OFDM QPSK	1	1	1852.5	1882.5	1912.5	23.5

(DSI1)

n30 (SCS 15 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			462000		
		Frequency (MHz)			2310		
10	DFT-s-OFDM Pi/2 BPSK	1	1		15.28		17.0
		1	26		15.22		17.0
		1	50		15.30		17.0
		25	0		15.21		17.0
		25	14		15.20		17.0
		25	27		15.32		17.0
		50	0		15.32		17.0
		50	0		15.45		17.0
	DFT-s-OFDM QPSK	1	1		15.25		17.0
		1	26		15.17		17.0
		1	50		15.37		17.0
		25	0		15.42		17.0
		25	14		15.06		17.0
		25	27		15.01		17.0
		50	0				17.0
		50	0				17.0
	DFT-s-OFDM 16QAM	1	1		15.27		17.0
	DFT-s-OFDM 64QAM	1	1		15.38		17.0
	DFT-s-OFDM 256QAM	1	1		15.18		17.0

n30 (SCS 15 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			462000		
		Frequency (MHz)			2310		
10	DFT-s-OFDM Pi/2 BPSK	1	1		15.92		17.0
		1	26		15.82		17.0
		1	50		15.79		17.0
		25	0		16.12		17.0
		25	14		15.74		17.0
		25	27		16.09		17.0
		50	0		16.14		17.0
		50	0		16.19		17.0
	DFT-s-OFDM QPSK	1	1		16.00		17.0
		1	26		15.74		17.0
		1	50		15.90		17.0
		25	0		15.90		17.0
		25	14		16.04		17.0
		25	27		15.99		17.0
		50	0		15.85		17.0
		50	0		15.85		17.0
	DFT-s-OFDM 16QAM	1	1		15.98		17.0
	DFT-s-OFDM 64QAM	1	1		15.99		17.0
	DFT-s-OFDM 256QAM	1	1		15.95		17.0

(DS11)

n38 (SCS 30kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequency (MHz)		2590	2595	2600	
40	Pi/2 BPSK	1	1	17.26	17.16	17.08	18.5
		1	53	17.01	17.11	17.05	18.5
		1	104	17.16	17.06	17.14	18.5
		50	0	17.52	17.53	17.51	18.5
		50	28	17.14	17.14	17.33	18.5
		50	56	17.51	17.56	17.52	18.5
		100	0	17.50	17.57	17.40	18.5
	QPSK	1	1	17.56	17.62	17.50	18.5
		1	53	17.07	17.22	17.20	18.5
		1	104	17.31	17.25	17.22	18.5
		50	0	17.30	17.29	17.21	18.5
		50	28	17.33	17.35	17.29	18.5
		50	56	17.26	17.26	17.24	18.5
		100	0	17.27	17.33	17.32	18.5
	16QAM	1	1	17.38	17.43	17.37	18.5
	64QAM	1	1	17.16	17.18	16.96	18.5
	256QAM	1	1	17.56	17.59	17.53	18.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	Max. Tune-up
		Frequency (MHz)		2585	2595	2605	
30	QPSK	1	1				18.5
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	Max. Tune-up
		Frequency (MHz)		2580	2595	2610	
20	QPSK	1	1				18.5

(DS11)

n41 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		509202	518598	528000		
100	P/2 BPSK	Frequency (MHz)		2546.01	2592.99	2640		
		1	1	18.22	18.18	18.14	19.5	
		1	137	18.02	17.99	18.15	19.5	
		1	271	17.65	17.80	17.63	19.5	
		135	0	17.92	17.94	17.84	19.5	
		135	69	18.18	18.14	18.18	19.5	
		135	138	17.91	18.05	18.01	19.5	
		270	0	17.91	18.00	17.98	19.5	
		1	1	18.30	18.32	18.27	19.5	
	QPSK	1	137	18.15	18.03	18.21	19.5	
		1	271	17.78	17.83	17.78	19.5	
		135	0	18.19	18.19	18.14	19.5	
		135	69	18.23	18.28	18.17	19.5	
		135	138	18.15	18.25	18.09	19.5	
		270	0	18.24	18.26	18.20	19.5	
		16QAM	1	1	17.85	18.12	17.82	19.5
		64QAM	1	1	18.24	18.22	18.07	19.5
256QAM	1	1	17.90	18.12	18.02	19.5		
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	Max. Tune-up	
90	QPSK	Frequency (MHz)		2541	2592.99	2644.98		
		1	1				19.5	
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	Max. Tune-up	
80	QPSK	Frequency (MHz)		2536.02	2592.99	2649.99		
		1	1				19.5	
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	Max. Tune-up	
70	QPSK	Frequency (MHz)		2531.01	2592.99	2655		
		1	1				19.5	
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	Max. Tune-up	
60	QPSK	Frequency (MHz)		2526	2592.99	2659.98		
		1	1				19.5	
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	Max. Tune-up	
50	QPSK	Frequency (MHz)		2521.02	2592.99	2664.99		
		1	1				19.5	
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	Max. Tune-up	
40	QPSK	Frequency (MHz)		2516.01	2592.99	2670		
		1	1				19.5	
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	Max. Tune-up	
30	QPSK	Frequency (MHz)		2511	2592.99	2674.98		
		1	1				19.5	
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	Max. Tune-up	
20	QPSK	Frequency (MHz)		2506.02	2592.99	2679.99		
		1	1				19.5	

n41 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		509202	518598	528000		
100	P/2 BPSK	Frequency (MHz)		2546.01	2592.99	2640		
		1	1	19.22	19.28	19.26	20.5	
		1	137	19.69	19.23	19.84	20.5	
		1	271	18.92	19.40	18.57	20.5	
		135	0	19.74	19.37	19.34	20.5	
		135	69	19.60	19.16	19.81	20.5	
		135	138	19.54	19.69	19.65	20.5	
		270	0	19.73	19.24	19.60	20.5	
		1	1	19.68	19.86	19.61	20.5	
	QPSK	1	137	19.33	19.52	19.28	20.5	
		1	271	19.25	19.77	19.30	20.5	
		135	0	19.66	19.65	19.62	20.5	
		135	69	19.67	19.77	19.75	20.5	
		135	138	19.54	19.71	19.66	20.5	
		270	0	19.51	19.68	19.49	20.5	
		16QAM	1	1	19.33	19.53	19.28	20.5
		64QAM	1	1	19.29	19.44	19.61	20.5
256QAM		1	1	19.57	19.50	19.63	20.5	
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	Max. Tune-up	
90	QPSK	Frequency (MHz)		2541	2592.99	2644.98		
		1	1				20.5	
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	Max. Tune-up	
80	QPSK	Frequency (MHz)		2536.02	2592.99	2649.99		
		1	1				20.5	
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	Max. Tune-up	
70	QPSK	Frequency (MHz)		2531.01	2592.99	2655		
		1	1				20.5	
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	Max. Tune-up	
60	QPSK	Frequency (MHz)		2526	2592.99	2659.98		
		1	1				20.5	
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	Max. Tune-up	
50	QPSK	Frequency (MHz)		2521.02	2592.99	2664.99		
		1	1				20.5	
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	Max. Tune-up	
40	QPSK	Frequency (MHz)		2516.01	2592.99	2670		
		1	1				20.5	
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	Max. Tune-up	
30	QPSK	Frequency (MHz)		2511	2592.99	2674.98		
		1	1				20.5	
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	Max. Tune-up	
20	QPSK	Frequency (MHz)		2506.02	2592.99	2679.99		
		1	1				20.5	

(DS11)

n48 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size		RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequency (MHz)		3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	20.15	20.39	20.39	22.0	
		1	53	20.32	20.51	20.57	22.0	
		1	104	20.28	20.43	20.50	22.0	
		50	0	20.04	20.03	20.05	22.0	
		50	28	20.32	20.59	20.37	22.0	
		50	56	20.40	20.04	20.37	22.0	
		100	0	20.36	20.22	20.34	22.0	
	QPSK	1	1	20.53	20.66	20.75	22.0	
		1	53	20.37	20.57	20.63	22.0	
		1	104	20.13	20.49	20.49	22.0	
		50	0	20.31	20.45	20.43	22.0	
		50	28	20.49	20.59	20.61	22.0	
		50	56	20.32	20.56	20.50	22.0	
		100	0	20.29	20.56	20.64	22.0	
	16QAM	1	1	20.18	20.46	20.57	22.0	
	64QAM	1	1	20.03	20.22	20.37	22.0	
	256QAM	1	1	19.02	19.33	19.38	21.0	
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	Max. Tune-up	
30	QPSK	Frequency (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1				22.0	
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	Max. Tune-up	
		Frequency (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1				22.0	

(DS11)

n66 (SCS 15kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		345000	349000	353000	
		Frequency (MHz)		1725	1745	1765	
30	Pi/2 BPSK	1	1	15.75	15.85	15.69	16.5
		1	80	15.81	15.89	15.74	16.5
		1	158	15.99	15.88	15.79	16.5
		80	0	15.37	15.58	15.42	16.5
		80	40	15.90	15.95	15.87	16.5
		80	80	15.69	15.63	15.47	16.5
		160	0	15.55	15.58	15.53	16.5
		1	1	16.01	16.08	15.99	16.5
		1	80	15.85	15.92	15.85	16.5
	QPSK	1	158	15.79	15.96	15.69	16.5
		80	0	15.83	15.93	15.94	16.5
		80	40	15.99	16.03	15.96	16.5
		80	80	15.95	15.99	15.87	16.5
		160	0	15.98	16.05	15.91	16.5
	16QAM	1	1	16.02	16.04	15.97	16.5
	64QAM	1	1	15.77	15.76	15.90	16.5
	256QAM	1	1	15.79	15.72	15.70	16.5
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	Max. Tune-up
20	QPSK	Frequency (MHz)		1720	1745	1770	16.5
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	Max. Tune-up
15	QPSK	Frequency (MHz)		1717.5	1745	1772.5	16.5
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	Max. Tune-up
10	QPSK	Frequency (MHz)		1715	1745	1775	16.5
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	Max. Tune-up
5	QPSK	Frequency (MHz)		1712.5	1745	1777.5	16.5

0.1

n66 (SCS 15kHz)_Ant2							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		345000	349000	353000	
		Frequency (MHz)		1725	1745	1765	
30	Pi/2 BPSK	1	1	24.08	23.93	24.09	25.5
		1	80	24.12	23.96	24.02	25.5
		1	158	24.02	23.97	24.05	25.5
		80	0	23.68	23.52	23.44	25.0
		80	40	24.21	24.06	24.07	25.5
		80	80	23.84	23.67	23.73	25.0
		160	0	23.47	23.56	23.51	25.0
	QPSK	1	1	24.35	24.19	23.94	25.5
		1	80	24.05	24.15	23.75	25.5
		1	158	24.02	24.02	23.87	25.5
		80	0	23.22	23.11	23.25	24.5
		80	40	24.27	24.05	24.12	25.5
		80	80	23.73	23.52	23.62	24.5
		160	0	23.13	23.10	23.03	24.5
	16QAM	1	1	23.68	23.52	23.37	24.5
	64QAM	1	1	21.53	21.56	21.16	23.0
	256QAM	1	1	19.51	19.31	19.21	21.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	Max. Tune-up
20	QPSK	Frequency (MHz)		1720	1745	1770	25.5
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	Max. Tune-up
15	QPSK	Frequency (MHz)		1717.5	1745	1772.5	25.5
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	Max. Tune-up
10	QPSK	Frequency (MHz)		1715	1745	1775	25.5
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	Max. Tune-up
5	QPSK	Frequency (MHz)		1712.5	1745	1777.5	25.5

(DS11)

n71 (SCS 15kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		134600	136100	137600	
		Frequency (MHz)		673	680.5	688	
20	PI/2 BPSK	1	1	24.05	24.03	23.94	25.5
		1	53	23.98	23.88	23.86	25.5
		1	104	23.94	23.79	23.67	25.5
		50	0	23.07	23.21	23.01	25.0
		50	28	24.00	23.98	23.95	25.5
		50	56	23.14	23.01	23.01	25.0
		100	0	23.14	23.06	23.13	25.0
		1	1	24.13	24.09	24.06	25.5
	QPSK	1	53	24.01	23.96	23.87	25.5
		1	104	23.97	23.94	23.79	25.5
		50	0	23.11	23.22	23.05	24.5
		50	28	24.10	24.08	24.02	25.5
		50	56	23.12	23.03	23.02	24.5
		100	0	23.21	23.08	22.98	24.5
	16QAM	1	1	23.43	23.35	23.21	24.5
	64QAM	1	1	21.40	21.33	21.29	23.0
	256QAM	1	1	19.31	19.27	19.28	21.0
15	DFT-s-OFDM	Channel		134100	136100	138100	Max. Tune-up
		Frequency (MHz)		670.5	680.5	690.5	
15	QPSK	1	1				25.5
10	DFT-s-OFDM	Channel		133600	136100	138600	Max. Tune-up
		Frequency (MHz)		668	680.5	693	
10	QPSK	1	1				25.5
5	DFT-s-OFDM	Channel		133100	136100	139100	Max. Tune-up
		Frequency (MHz)		665.5	680.5	695.5	
5	QPSK	1	1				25.5

(DS11)

Par27Q_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel			633334			
100	Pv/2 BPSK	Frequency (MHz)			3500.01			
		1	1		18.33		20.0	
		1	137		18.24		20.0	
		1	271		18.41		20.0	
		135	0		18.31		20.0	
		135	69		18.27		20.0	
		135	138		18.26		20.0	
		270	0		18.22		20.0	
	QPSK	1	1		18.51		20.0	
		1	137		18.17		20.0	
		1	271		18.12		20.0	
		135	0		18.36		20.0	
		135	69		18.42		20.0	
		135	138		18.25		20.0	
	16QAM	1	1		18.28		20.0	
		64QAM	1	1		18.49		20.0
		256QAM	1	1		18.12		20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	Max. Tune-up	
		Frequency (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1				20.0	
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	Max. Tune-up	
		Frequency (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1				20.0	
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	Max. Tune-up	
		Frequency (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1				20.0	
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	Max. Tune-up	
		Frequency (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1				20.0	
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	Max. Tune-up	
		Frequency (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1				20.0	

Part27O_n77 (SCS 30kHz)_Ant1							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100	Pi/2 BPSK	1	1	18.75	18.83	18.67	20.0
		1	137	18.60	18.56	18.33	20.0
		1	271	18.28	18.41	18.28	20.0
		135	0	18.32	18.41	18.16	20.0
		135	69	18.48	18.64	18.46	20.0
		135	138	18.50	18.33	18.52	20.0
		270	0	18.55	18.29	18.45	20.0
		1	1	18.80	18.87	18.66	20.0
	QPSK	1	137	18.50	18.68	18.43	20.0
		1	271	18.38	18.36	18.44	20.0
		135	0	18.61	18.64	18.45	20.0
		135	69	18.63	18.79	18.57	20.0
		135	138	18.49	18.73	18.54	20.0
		270	0	18.52	18.75	18.57	20.0
	16QAM	1	1	18.73	18.81	18.85	20.0
	64QAM	1	1	18.42	18.59	18.55	20.0
	256QAM	1	1	18.38	18.57	18.53	20.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	Max. Tune-up
80	QPSK	Frequency (MHz)		3740.01	3840	3939.99	
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	Max. Tune-up
60	QPSK	Frequency (MHz)		3730.02	3840	3949.98	
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	Max. Tune-up
40	QPSK	Frequency (MHz)		3720	3840	3960	
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	Max. Tune-up
30	QPSK	Frequency (MHz)		3715.02	3840	3964.98	
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	Max. Tune-up
20	QPSK	Frequency (MHz)		3710.01	3840	3969.99	

(DS11)

Part27Q_n78 (SCS 30kHz) Ant1							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100	Pi/2 BPSK	1	1		18.88		20.5
		1	137		18.71		20.5
		1	271		18.83		20.5
		135	0		18.74		20.5
		135	69		18.94		20.5
		135	138		18.77		20.5
		270	0		18.60		20.5
		1	1		19.06		20.5
	QPSK	1	137		18.81		20.5
		1	271		18.86		20.5
		135	0		19.01		20.5
		135	69		19.04		20.5
		135	138		18.91		20.5
		270	0		18.82		20.5
	16QAM	1	1		18.67		20.5
	64QAM	1	1		18.89		20.5
	256QAM	1	1		18.97		20.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90	QPSK	1	1				20.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80	QPSK	1	1				20.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70	QPSK	1	1				20.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60	QPSK	1	1				20.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50	QPSK	1	1				20.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40	QPSK	1	1				20.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30	QPSK	1	1				20.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20	QPSK	1	1				20.5

(DSI1)

Part27Q_n77 (SCS 30kHz) Ant0+1							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel					
		Frequency (MHz)					
100	CP-OFDM QPSK	1	1		16.30		17.5
		1	137		16.00		17.5
		1	271		15.98		17.5
		135	0		15.89		17.5
		135	69		16.19		17.5
		135	138		15.82		17.5
		270	0		15.84		17.5
	CP-OFDM 16QAM	1	1		16.08		17.5
	CP-OFDM 64QAM	1	1		16.24		17.5
	CP-OFDM 256QAM	1	1		16.15		17.5
BW [MHz]	MCS Index	Channel		632668	633334	634000	Max. Tune-up
80	CP-OFDM QPSK	Frequency (MHz)		3490.02	3500.01	3510	
BW [MHz]	MCS Index	Channel		632000	633334	634666	Max. Tune-up
60	CP-OFDM QPSK	Frequency (MHz)		3480	3500.01	3519.99	
BW [MHz]	MCS Index	1	1				17.5
40	CP-OFDM QPSK	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
BW [MHz]	MCS Index	1	1				17.5
30	CP-OFDM QPSK	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
20	CP-OFDM QPSK	1	1				17.5
BW [MHz]	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
10	CP-OFDM QPSK	1	1				17.5

Part27O_n77 (SCS 30kHz) Ant0+1							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100	CP-OFDM QPSK	1	1	15.98	16.68	16.73	17.5
		1	137	15.85	16.57	16.38	17.5
		1	271	15.88	16.21	16.27	17.5
		135	0	16.13	16.24	15.98	17.5
		135	69	16.28	16.32	16.44	17.5
		135	138	16.17	16.24	16.08	17.5
		270	0	16.21	16.18	16.24	17.5
	CP-OFDM 16QAM	1	1	16.33	16.69	16.56	17.5
	CP-OFDM 64QAM	1	1	16.52	16.51	16.39	17.5
	CP-OFDM 256QAM	1	1	16.05	16.19	16.03	17.5
BW [MHz]	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80	CP-OFDM QPSK	1	1				17.5
BW [MHz]	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60	CP-OFDM QPSK	1	1				17.5
BW [MHz]	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40	CP-OFDM QPSK	1	1				17.5
BW [MHz]	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.02	3840	3964.98	
30	CP-OFDM QPSK	1	1				17.5
BW [MHz]	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20	CP-OFDM QPSK	1	1				17.5

(DS11)

Part27Q_n78 (SCS 30kHz)_Ant0+1								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel			633334			
		Frequency (MHz)			3500.01			
100	CP-OFDM QPSK	1	1		16.07		17.5	
		1	137		15.93		17.5	
		1	271		15.96		17.5	
		135	0		15.62		17.5	
		135	69		16.01		17.5	
		135	138		15.74		17.5	
		270	0		15.79		17.5	
		CP-OFDM 16QAM	1	1		15.74		17.5
		CP-OFDM 64QAM	1	1		15.85		17.5
		CP-OFDM 256QAM	1	1		15.77		17.5
BW [MHz]	MCS Index	Channel		633000	633334	633666	Max. Tune-up	
		Frequency (MHz)		3495	3500.01	3504.99		
90	CP-OFDM QPSK	1	1				17.5	
BW [MHz]	MCS Index	Channel		632668	633334	634000	Max. Tune-up	
		Frequency (MHz)		3490.02	3500.01	3510		
80	CP-OFDM QPSK	1	1				17.5	
BW [MHz]	MCS Index	Channel		632334	633334	634332	Max. Tune-up	
		Frequency (MHz)		3485.01	3500.01	3514.98		
70	CP-OFDM QPSK	1	1				17.5	
BW [MHz]	MCS Index	Channel		632000	633334	634666	Max. Tune-up	
		Frequency (MHz)		3480	3500.01	3519.99		
60	CP-OFDM QPSK	1	1				17.5	
BW [MHz]	MCS Index	Channel		631668	633334	635000	Max. Tune-up	
		Frequency (MHz)		3475.02	3500.01	3525		
50	CP-OFDM QPSK	1	1				17.5	
BW [MHz]	MCS Index	Channel		631334	633334	635332	Max. Tune-up	
		Frequency (MHz)		3470.01	3500.01	3529.98		
40	CP-OFDM QPSK	1	1				17.5	
BW [MHz]	MCS Index	Channel		631000	633334	635666	Max. Tune-up	
		Frequency (MHz)		3465	3500.01	3534.99		
30	CP-OFDM QPSK	1	1				17.5	
BW [MHz]	MCS Index	Channel		630668	633334	636000	Max. Tune-up	
		Frequency (MHz)		3460.02	3500.01	3540		
20	CP-OFDM QPSK	1	1				17.5	

(DS12)

LTE Band 2 (AnT)									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max.	Turn-up	dBm
		Channel		18750	18850	19100	19200		
20	QPSK	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.13	11.34	11.26	11.26		
		1	50	11.06	11.12	11.06	11.06		
		1	99	11.06	10.93	11.13	11.13		
		50	0	11.06	10.93	11.06	11.06		
		50	25	10.91	10.98	11.03	11.03		
	16QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.11	11.13	11.06	11.06		
		1	50	11.17	11.10	11.19	11.19		
		1	99	11.06	10.93	11.03	11.03		
		50	0	11.06	10.93	10.98	10.98		
		50	25	10.91	10.98	11.03	11.03		
	64QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.09	11.31	11.09	11.09		
		1	50	10.95	11.32	10.95	10.95		
		1	99	11.17	11.19	10.67	10.67		
		50	0	11.06	11.26	10.95	10.95		
		50	25	11.02	11.12	10.92	10.92		
	256QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
15	QPSK	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.18	11.05	11.05	11.05		
		1	50	10.95	10.96	10.89	10.89		
		1	99	11.01	10.96	10.88	10.88		
		50	0	11.18	11.05	11.05	11.05		
		50	25	10.95	10.96	10.89	10.89		
	16QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
	64QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
	256QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
10	QPSK	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.18	11.05	11.05	11.05		
		1	50	10.95	10.96	10.89	10.89		
		1	99	11.01	10.96	10.88	10.88		
		50	0	11.18	11.05	11.05	11.05		
		50	25	10.95	10.96	10.89	10.89		
	16QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
	64QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
	256QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
5	QPSK	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.18	11.05	11.05	11.05		
		1	50	10.95	10.96	10.89	10.89		
		1	99	11.01	10.96	10.88	10.88		
		50	0	11.18	11.05	11.05	11.05		
		50	25	10.95	10.96	10.89	10.89		
	16QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
	64QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
	256QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
3	QPSK	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.18	11.05	11.05	11.05		
		1	50	10.95	10.96	10.89	10.89		
		1	99	11.01	10.96	10.88	10.88		
		50	0	11.18	11.05	11.05	11.05		
		50	25	10.95	10.96	10.89	10.89		
	16QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
	64QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		
	256QAM	Frequency (MHz)	1880	1880	1880	1880	1880	12	
		1	0	11.03	11.31	10.97	10.97		
		1	50	11.04	11.03	10.97	10.97		
		1	99	11.02	11.08	10.77	10.77		
		50	0	10.81	11.08	11.00	11.00		
		50	25	11.23	11.08	10.91	10.91		

LTE Band 2 (An2)									
BW [MHz]	Modulation	RB Size Channel	RB Offset	Low 18750 Frequency (MHz)	Mid 1880	High 1885	Max. Turn-up (dBm)		
20	QPSK	1	0	20.17	20.22	20.36	21		
		1	50	20.02	20.12	20.21	21		
		1	99	19.97	20.08	20.22	21		
		50	0	20.19	20.13	20.09	21		
		50	25	20.22	20.16	20.23	21		
		50	50	20.11	20.12	20.09	21		
		100	0	20.20	20.10	20.22	21		
		1	0	20.09	20.11	20.22	21		
		1	50	20.01	20.07	20.27	21		
		1	99	20.02	20.17	20.17	21		
	16QAM	50	50	20.15	20.13	20.10	21		
		50	25	20.25	20.18	20.27	21		
		50	50	20.22	20.04	20.24	21		
		100	0	20.11	20.05	20.07	21		
		1	0	20.14	20.19	20.22	21		
		1	50	20.18	20.04	20.20	21		
		1	99	20.12	20.24	20.07	21		
		50	0	20.11	20.22	20.35	21		
		50	25	20.23	20.30	20.17	21		
		50	50	20.22	20.35	20.28	21		
	64QAM	100	0	20.15	20.20	20.28	21		
		1	0	19.91	19.95	19.76	20.5		
		1	99	19.61	19.71	19.67	20.5		
		50	50	19.61	19.61	19.62	20.5		
50		25	19.46	19.43	19.73	20.5			
50		50	19.68	19.57	19.62	20.5			
100		0	19.58	19.43	19.70	20.5			
1		0	19.54	19.62	19.76	20.5			
1		99	19.61	19.69	19.67	20.5			
50		50	19.61	19.61	19.62	20.5			
BW [MHz] <th>Modulation</th> <th>Channel</th> <th>18875</th> <th>18900</th> <th>19125</th> <th>Max. Turn-up (dBm)</th>	Modulation	Channel	18875	18900	19125	Max. Turn-up (dBm)			
15	QPSK	Frequency (MHz)	1887.5	1890	1912.5	21			
		1	37	21	21				
		1	74	21	21				
		36	0	20.5	20.5	21			
		36	19	20.19	20.25	21			
		36	39	20.12	20.24	21			
		75	0	20.11	20.07	21			
		1	0	20.11	20.1	21			
		16QAM	1	37	21	21			
			1	74	21	21			
	36		0	20.5	20.5	21			
	36		19	20.19	20.25	21			
	36		39	20.12	20.24	21			
	75		0	20.11	20.07	21			
	1		0	20.11	20.1	21			
	64QAM		1	37	21	21			
			1	74	21	21			
			36	0	20.5	20.5	21		
		36	19	20.19	20.25	21			
		36	39	20.12	20.24	21			
		75	0	20.11	20.07	21			
		1	0	20.11	20.1	21			
		256QAM	1	37	21	21			
			1	74	21	21			
36			0	20.5	20.5	21			
36	19		20.19	20.25	21				
36	39		20.12	20.24	21				
75	0		20.11	20.07	21				
1	0		20.11	20.1	21				
BW [MHz] <th>Modulation</th> <th>Channel</th> <th>18925</th> <th>18950</th> <th>19175</th> <th>Max. Turn-up (dBm)</th>	Modulation		Channel	18925	18950	19175	Max. Turn-up (dBm)		
10	QPSK		Frequency (MHz)	1892.5	1895	1917.5	21		
			1	0	21	21			
		1	24	21	21				
		1	49	21	21				
		25	0	20.5	20.5	21			
		25	12	20.12	20.18	21			
		25	25	20.12	20.18	21			
		50	0	20.11	20.07	21			
		16QAM	1	24	21	21			
			1	49	21	21			
	25		0	20.5	20.5	21			
	25		12	20.12	20.18	21			
	25		25	20.12	20.18	21			
	50		0	20.11	20.07	21			
	1		0	20.11	20.1	21			
	64QAM		1	24	21	21			
			1	49	21	21			
			25	0	20.5	20.5	21		
		25	12	20.12	20.18	21			
		25	25	20.12	20.18	21			
		50	0	20.11	20.07	21			
		1	0	20.11	20.1	21			
		256QAM	1	24	21	21			
			1	49	21	21			
25			0	20.5	20.5	21			
25	12		20.12	20.18	21				
25	25		20.12	20.18	21				
50	0		20.11	20.07	21				
BW [MHz] <th>Modulation</th> <th>Channel</th> <th>18925</th> <th>19000</th> <th>19175</th> <th>Max. Turn-up (dBm)</th>	Modulation		Channel	18925	19000	19175	Max. Turn-up (dBm)		
5	QPSK		Frequency (MHz)	1892.5	1900	1917.5	21		
			1	12	21	21			
			1	24	21	21			
		12	0	20.5	20.5	21			
		12	13	20.12	20.13	21			
		25	0	20.11	20.07	21			
		1	0	20.11	20.1	21			
		16QAM	1	12	21	21			
			1	24	21	21			
			12	0	20.5	20.5	21		
	12		13	20.12	20.13	21			
	25		0	20.11	20.07	21			
	1		0	20.11	20.1	21			
	64QAM		1	12	21	21			
			1	24	21	21			
			12	0	20.5	20.5	21		
			12	13	20.12	20.13	21		
		25	0	20.11	20.07	21			
		1	0	20.11	20.1	21			
		256QAM	1	12	21	21			
			1	24	21	21			
			12	0	20.5	20.5	21		
			12	13	20.12	20.13	21		
	25		0	20.11	20.07	21			
BW [MHz] <th>Modulation</th> <th>Channel</th> <th>18915</th> <th>19000</th> <th>19165</th> <th>Max. Turn-up (dBm)</th>	Modulation		Channel	18915	19000	19165	Max. Turn-up (dBm)		
3	QPSK		Frequency (MHz)	1891.5	1900	1916.5	21		
			1	0	21	21			
			1	7	21	21			
			1	14	21	21			
		8	0	20.5	20.5	21			
		8	3	20.12	20.13	21			
		8	7	20.12	20.13	21			
		15	0	20.11	20.07	21			
		16QAM	1	7	21	21			
			1	14	21	21			
	8		0	20.5	20.5	21			
	8		3	20.12	20.13	21			
	8		7	20.12	20.13	21			
	15		0	20.11	20.07	21			
	256QAM		1	7	21	21			
			1	14	21	21			
			8	0	20.5	20.5	21		
			8	3	20.12	20.13	21		
		8	7	20.12	20.13	21			
		15	0	20.11	20.07	21			
		BW [MHz] <th>Modulation</th> <th>Channel</th> <th>18907</th> <th>19000</th> <th>19163</th> <th>Max. Turn-up (dBm)</th>	Modulation	Channel	18907	19000	19163	Max. Turn-up (dBm)	
		1.4	QPSK	Frequency (MHz)	1890.7	1900	1916.3	21	
				1	0	21	21		
				1	2	21	21		
1	5			21	21				
3	0			20.5	20.5	21			
3	3			20.12	20.13	21			
6	0			20.11	20.07	21			
16QAM	1			0	20.11	20.1	21		
	1			2	21	21			
	1			5	21	21			
	3		0	20.5	20.5	21			
	3		3	20.12	20.13	21			
	6		0	20.11	20.07	21			
	64QAM		3	0	20.5	20.5	21		
			3	1	20.12	20.13	21		
			3	3	20.12	20.13	21		
			1	2	20.11	20.1	21		
1			5	20.5	20.5	21			
1			0	20.11	20.1	21			
256QAM			3	0	20.5	20.5	21		
			3	1	20.12	20.13	21		
			3	3	20.12	20.13	21		
			6	0	20.11	20.07	21		
	6		0	20.11	20.07	21			
	6	0	20.11	20.07	21				

(DS12)

LTE Band 4 (An0)							
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	
		Channel		2000	2015	2030	
20	QPSK	Frequency (MHz)	1720	1723.5	1745		Max. Turn-up (dBm)
		1	0	11.55	11.46	11.36	12
		1	50	11.45	11.40	11.24	12
		1	99	11.39	11.35	11.34	12
		50	0	11.43	11.39	11.26	12
		50	25	11.32	11.30	11.12	12
		50	50	11.27	11.38	11.18	12
		100	0	11.46	11.39	11.29	12
		1	0	11.31	11.40	11.44	12
		1	50	11.40	11.39	11.34	12
10	16QAM	Frequency (MHz)	1720	1723.5	1745		Max. Turn-up (dBm)
		1	0	11.35	11.47	11.40	12
		50	0	11.32	11.32	11.25	12
		50	25	11.33	11.36	11.14	12
		50	50	11.23	11.36	11.12	12
		100	0	11.34	11.35	11.31	12
		1	0	11.13	11.21	11.27	12
		1	50	11.31	11.21	11.23	12
		1	99	11.49	11.45	11.36	12
		50	0	11.26	11.34	11.32	12
5	64QAM	Frequency (MHz)	1720	1723.5	1745		Max. Turn-up (dBm)
		1	0	11.23	11.40	11.36	12
		50	0	11.26	11.31	11.31	12
		50	25	11.23	11.31	11.31	12
		50	50	11.41	11.51	11.33	12
		100	0	11.29	11.40	11.25	12
		1	0	11.43	11.25	11.41	12
		1	50	11.19	11.49	11.44	12
		1	99	11.41	11.48	11.36	12
		50	0	11.18	11.31	11.41	12
3	256QAM	Frequency (MHz)	1720	1723.5	1745		Max. Turn-up (dBm)
		50	25	11.29	11.36	11.36	12
		50	50	11.49	11.33	11.44	12
		100	0	11.33	11.36	11.22	12
		1	0	11.43	11.25	11.41	12
		1	37				12
		1	74				12
		36	0				12
		36	19				12
		36	39				12
1.5	QPSK	Channel	2000	2015	2030	Max. Turn-up (dBm)	
		Frequency (MHz)	1717.5	1723.5	1747.5	12	
		1	0			22.5	
		1	37			22.5	
		1	74			22.5	
		36	0			22.5	
		36	19			22.5	
		36	39			22.5	
		75	0			22.5	
		1	0			22.5	
0.75	16QAM	Channel	2000	2015	2030	Max. Turn-up (dBm)	
		Frequency (MHz)	1717.5	1723.5	1747.5	12	
		1	0			22.5	
		1	37			22.5	
		1	74			22.5	
		36	0			22.5	
		36	19			22.5	
		36	39			22.5	
		75	0			22.5	
		1	0			22.5	
0.375	64QAM	Channel	2000	2015	2030	Max. Turn-up (dBm)	
		Frequency (MHz)	1717.5	1723.5	1747.5	12	
		1	0			22.5	
		1	37			22.5	
		1	74			22.5	
		36	0			22.5	
		36	19			22.5	
		36	39			22.5	
		75	0			22.5	
		1	0			22.5	
0.1875	256QAM	Channel	2000	2015	2030	Max. Turn-up (dBm)	
		Frequency (MHz)	1717.5	1723.5	1747.5	12	
		1	0			22.5	
		1	37			22.5	
		1	74			22.5	
		36	0			22.5	
		36	19			22.5	
		36	39			22.5	
		75	0			22.5	
		1	0			22.5	
0.09375	QPSK	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	24			22.5	
		1	49			22.5	
		25	0			22.5	
		25	12			22.5	
		25	25			22.5	
		50	0			22.5	
		1	0			22.5	
0.046875	16QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	24			22.5	
		1	49			22.5	
		25	0			22.5	
		25	12			22.5	
		25	25			22.5	
		50	0			22.5	
		1	0			22.5	
0.0234375	64QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	24			22.5	
		1	49			22.5	
		25	0			22.5	
		25	12			22.5	
		25	25			22.5	
		50	0			22.5	
		1	0			22.5	
0.01171875	256QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	24			22.5	
		1	49			22.5	
		25	0			22.5	
		25	12			22.5	
		25	25			22.5	
		50	0			22.5	
		1	0			22.5	
0.005859375	QPSK	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	12			22.5	
		1	24			22.5	
		12	0			22.5	
		12	6			22.5	
		12	13			22.5	
		25	0			22.5	
		1	0			22.5	
0.0029296875	16QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	12			22.5	
		1	24			22.5	
		12	0			22.5	
		12	6			22.5	
		12	13			22.5	
		25	0			22.5	
		1	0			22.5	
0.00146484375	64QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	12			22.5	
		1	24			22.5	
		12	0			22.5	
		12	6			22.5	
		12	13			22.5	
		25	0			22.5	
		1	0			22.5	
0.000732421875	256QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	12			22.5	
		1	24			22.5	
		12	0			22.5	
		12	6			22.5	
		12	13			22.5	
		25	0			22.5	
		1	0			22.5	
0.0003662109375	QPSK	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	7			22.5	
		1	14			22.5	
		8	0			22.5	
		8	3			22.5	
		8	7			22.5	
		15	0			22.5	
		1	0			22.5	
0.00018310546875	16QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	7			22.5	
		1	14			22.5	
		8	0			22.5	
		8	3			22.5	
		8	7			22.5	
		15	0			22.5	
		1	0			22.5	
9.375e-05	64QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	7			22.5	
		1	14			22.5	
		8	0			22.5	
		8	3			22.5	
		8	7			22.5	
		15	0			22.5	
		1	0			22.5	
4.6875e-05	256QAM	Channel	1995	2015	2035	Max. Turn-up (dBm)	
		Frequency (MHz)	1715	1723.5	1750	12	
		1	0			22.5	
		1	7			22.5	
		1	14			22.5	
		8	0			22.5	
		8	3			22.5	
		8	7			22.5	
		15	0			22.5	
		1	0			22.5	

LTE Band 4 (An2)							
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Time-up [dBm]
		Channel		2000	2015	2030	
20	QPSK	Frequency [MHz]	1720	1732.5	1745		22.5
		1	0	21.76	21.66	21.64	22.5
		1	50	21.59	21.53	21.45	22.5
		1	99	21.59	21.43	21.37	22.5
		50	0	21.67	21.58	21.61	22.5
		50	25	21.63	21.55	21.51	22.5
		50	50	21.59	21.46	21.51	22.5
		100	0	21.63	21.60	21.54	22.5
		1	0	21.59	21.54	21.67	22.5
		1	50	21.54	21.54	21.51	22.5
	16QAM	1	99	21.62	21.53	21.53	22.5
		50	50	21.50	21.45	21.70	22.5
		50	25	21.67	21.59	21.59	22.5
		100	50	21.61	21.56	21.59	22.5
		1	99	21.70	21.60	21.69	22.5
		1	0	21.58	21.57	21.50	22.5
		1	50	21.50	21.42	21.52	22.5
		50	25	21.62	21.52	21.66	22.5
		50	0	21.63	21.60	21.67	22.5
		100	0	21.69	21.57	21.57	22.5
256QAM	1	0	21.76	21.67	21.65	22.5	
	1	50	19.76	19.68	19.78	20.5	
	1	99	19.76	19.62	19.71	20.5	
	50	50	21.62	21.52	21.66	22.5	
	30	25	19.66	19.57	19.55	20.5	
	50	50	19.60	19.48	19.65	20.5	
	100	0	19.55	19.46	19.55	20.5	
	BW [MHz] <td>Channel</td> <td>2000</td> <td>2015</td> <td>2030</td> <td>Max. Time-up [dBm]</td>	Channel	2000	2015	2030	Max. Time-up [dBm]	
		Frequency [MHz]	1717.5	1732.5	1747.5	22.5	
		QPSK	1	37			22.5
1			74			22.5	
38			0			22.5	
38			19			22.5	
75			0			22.5	
75			37			22.5	
16QAM			1	0			22.5
			1	74			22.5
	38		0			22.5	
	38		19			22.5	
	75	0			22.5		
	75	37			22.5		
	256QAM	1	0			22.5	
		1	74			22.5	
		38	0			22.5	
		38	19			22.5	
75		0			22.5		
75		37			22.5		
BW [MHz] <td>Channel</td> <td>2000</td> <td>2015</td> <td>2030</td> <td>Max. Time-up [dBm]</td>		Channel	2000	2015	2030	Max. Time-up [dBm]	
		Frequency [MHz]	1715	1732.5	1750	22.5	
		QPSK	1	0			22.5
			1	24			22.5
	1		49			22.5	
	25		0			22.5	
	25		12			22.5	
	50		0			22.5	
	16QAM		1	24			22.5
			1	49			22.5
25			12			22.5	
25			25			22.5	
50		0			22.5		
50		24			22.5		
64QAM		1	0			22.5	
		1	24			22.5	
		25	12			22.5	
		25	25			22.5	
	50	0			22.5		
	50	24			22.5		
	256QAM	1	0			22.5	
		1	24			22.5	
		25	12			22.5	
		25	25			22.5	
50		0			22.5		
50		24			22.5		
BW [MHz] <td>Channel</td> <td>1997.5</td> <td>2015</td> <td>2032.5</td> <td>Max. Time-up [dBm]</td>		Channel	1997.5	2015	2032.5	Max. Time-up [dBm]	
		Frequency [MHz]	1995	1997.5	2000	22.5	
		QPSK	1	0			22.5
			1	12			22.5
	1		24			22.5	
	12		0			22.5	
	12		13			22.5	
	25		0			22.5	
	16QAM		1	0			22.5
			1	12			22.5
12			0			22.5	
12			13			22.5	
25		0			22.5		
25		12			22.5		
64QAM		1	0			22.5	
		1	12			22.5	
		12	0			22.5	
		12	13			22.5	
	25	0			22.5		
	25	12			22.5		
	256QAM	1	0			22.5	
		1	12			22.5	
		12	0			22.5	
		12	13			22.5	
25		0			22.5		
25		12			22.5		
BW [MHz] <td>Channel</td> <td>1997.5</td> <td>2015</td> <td>2032.5</td> <td>Max. Time-up [dBm]</td>		Channel	1997.5	2015	2032.5	Max. Time-up [dBm]	
		Frequency [MHz]	1995	1997.5	2000	22.5	
		QPSK	1	0			22.5
			1	14			22.5
	8		0			22.5	
	8		7			22.5	
	1		0			22.5	
	1		7			22.5	
	16QAM		1	14			22.5
			8	0			22.5
8			7			22.5	
15			0			22.5	
1		0			22.5		
1		7			22.5		
64QAM		1	14			22.5	
		8	0			22.5	
		8	7			22.5	
		15	0			22.5	
	1	0			22.5		
	1	7			22.5		
	256QAM	1	14			22.5	
		8	0			22.5	
		8	7			22.5	
		15	0			22.5	
BW [MHz] <td>Channel</td> <td>1997.5</td> <td>2015</td> <td>2032.5</td> <td>Max. Time-up [dBm]</td>		Channel	1997.5	2015	2032.5	Max. Time-up [dBm]	
		Frequency [MHz]	1995	1997.5	2000	22.5	
		QPSK	1	0			22.5
			1	2			22.5
			1	5			22.5
			3	0			22.5
	3		3			22.5	
	6		0			22.5	
	16QAM		1	0			22.5
			1	2			22.5
1			5			22.5	
3			0			22.5	
3		3			22.5		
6		0			22.5		
64QAM		1	0			22.5	
		1	2			22.5	
		1	5			22.5	
		3	0			22.5	
	3	3			22.5		
	6	0			22.5		
	256QAM	1	0			22.5	
		1	2			22.5	
		1	5			22.5	
		3	0			22.5	
3		3			22.5		
6		0			22.5		

(DS12)

LTE Band 5 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel	Frequency (MHz)	2040	2025	2000
			Frequency (MHz)	828	828.5	844
				Max. Time-up (dBm)		
10	QPSK	1	0	18.94	19.17	19.11
		1	24	19.12	19.26	19.20
		1	49	19.00	19.00	19.07
		25	0	18.91	18.90	19.01
		25	12	18.79	18.99	18.94
		25	25	18.56	18.57	18.93
		50	0	18.61	18.66	18.77
		1	0	19.04	19.10	19.14
		1	24	19.07	19.03	19.08
		25	25	19.05	19.05	19.04
	16QAM	1	0	18.76	18.96	18.91
		1	24	18.91	18.96	18.91
		25	0	18.76	18.96	18.91
		25	12	18.76	18.96	18.91
		25	25	18.56	18.57	18.93
		50	0	18.61	18.66	18.77
		1	0	19.04	19.10	19.14
		1	24	19.07	19.03	19.08
		25	25	19.05	19.05	19.04
		50	0	18.93	18.96	19.10
5	QPSK	1	0	19.17	19.08	19.10
		1	24	19.16	19.13	19.12
		1	49	18.98	19.14	19.13
		25	0	19.05	19.05	19.01
		25	12	18.99	19.01	19.05
		25	25	19.01	19.04	19.09
		50	0	18.96	19.02	19.03
	16QAM	1	0	18.76	18.93	18.91
		1	24	19.18	19.19	19.13
		1	49	18.94	19.03	19.04
		25	0	19.02	18.93	18.95
		25	12	18.98	18.99	19.03
		25	25	19.12	19.08	18.93
		50	0	19.00	19.08	19.04
3	QPSK	1	0	2045	2025	2000
		1	24	2045	2025	2000
		1	12	2045	2025	2000
		1	24	2045	2025	2000
		12	0	2045	2025	2000
		12	6	2045	2025	2000
		12	13	2045	2025	2000
		25	0	2045	2025	2000
		25	6	2045	2025	2000
		25	13	2045	2025	2000
	16QAM	1	0	2045	2025	2000
		1	12	2045	2025	2000
		1	24	2045	2025	2000
		12	0	2045	2025	2000
		12	6	2045	2025	2000
		12	13	2045	2025	2000
		25	0	2045	2025	2000
		25	6	2045	2025	2000
		25	13	2045	2025	2000
		50	0	2045	2025	2000
1.4	QPSK	1	0	2045	2025	2000
		1	7	2045	2025	2000
		1	14	2045	2025	2000
		8	0	2045	2025	2000
		8	7	2045	2025	2000
		8	14	2045	2025	2000
		15	0	2045	2025	2000
		15	7	2045	2025	2000
		15	14	2045	2025	2000
		25	0	2045	2025	2000
	16QAM	1	0	2045	2025	2000
		1	7	2045	2025	2000
		1	14	2045	2025	2000
		8	0	2045	2025	2000
		8	7	2045	2025	2000
		8	14	2045	2025	2000
		15	0	2045	2025	2000
		15	7	2045	2025	2000
		15	14	2045	2025	2000
		25	0	2045	2025	2000
1.4	QPSK	1	0	2045	2025	2000
		1	2	2045	2025	2000
		1	5	2045	2025	2000
		3	0	2045	2025	2000
		3	1	2045	2025	2000
		3	3	2045	2025	2000
		6	0	2045	2025	2000
		1	2	2045	2025	2000
		1	5	2045	2025	2000
		3	1	2045	2025	2000
	16QAM	1	0	2045	2025	2000
		1	2	2045	2025	2000
		1	5	2045	2025	2000
		3	0	2045	2025	2000
		3	1	2045	2025	2000
		3	3	2045	2025	2000
		6	0	2045	2025	2000
		1	2	2045	2025	2000
		1	5	2045	2025	2000
		3	1	2045	2025	2000

LTE Band 7 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel	Frequency (MHz)	2080	2100	2100
			Frequency (MHz)	2080	2085	2085
				Max. Time-up (dBm)		
20	QPSK	1	0	12.80	13.16	12.74
		1	50	12.80	13.16	13.08
		1	99	12.71	12.59	13.05
		50	0	12.86	13.06	12.76
		50	25	12.77	13.06	12.73
		50	50	12.77	12.93	12.88
		100	0	12.73	13.01	12.91
		1	0	12.87	13.08	12.79
		1	50	12.97	13.12	13.07
		1	99	12.73	12.56	12.97
	16QAM	1	0	12.77	13.14	12.80
		1	50	12.71	13.08	12.79
		50	25	12.71	13.07	12.77
		50	50	12.76	12.96	12.85
		100	0	12.76	12.96	12.85
		1	0	12.89	12.88	12.91
		1	50	12.85	12.86	12.75
		1	99	12.87	12.87	12.89
		50	0	12.71	13.03	12.76
		50	25	12.85	13.17	12.57
		50	50	12.69	13.00	12.88
15	QPSK	1	0	12.93	12.97	12.88
		1	50	12.74	13.00	12.89
		1	99	12.96	13.10	13.01
		50	0	12.68	13.07	12.71
		50	25	12.72	13.08	12.93
		50	50	12.75	13.02	12.84
		100	0	12.64	13.03	12.82
	16QAM	1	0	12.93	12.97	12.88
		1	50	12.74	13.00	12.89
		1	99	12.96	13.10	13.01
		50	0	12.68	13.07	12.71
		50	25	12.72	13.08	12.93
		50	50	12.75	13.02	12.84
		100	0	12.64	13.03	12.82
10	QPSK	1	0	2080	2100	2100
		1	24	2080	2100	2100
		1	49	2080	2100	2100
		25	0	2080	2100	2100
		25	12	2080	2100	2100
		25	25	2080	2100	2100
		50	0	2080	2100	2100
		50	12	2080	2100	2100
		50	25	2080	2100	2100
		100	0	2080	2100	2100
	16QAM	1	0	2080	2100	2100
		1	24	2080	2100	2100
		1	49	2080	2100	2100
		25	0	2080	2100	2100
		25	12	2080	2100	2100
		25	25	2080	2100	2100
		50	0	2080	2100	2100
		50	12	2080	2100	2100
		50	25	2080	2100	2100
		100	0	2080	2100	2100
5	QPSK	1	0	2080	2100	2100
		1	24	2080	2100	2100
		1	49	2080	2100	2100
		25	0	2080	2100	2100
		25	12	2080	2100	2100
		25	25	2080	2100	2100
		50	0	2080	2100	2100
		50	12	2080	2100	2100
		50	25	2080	2100	2100
		100	0	2080	2100	2100
	16QAM	1	0	2080	2100	2100
		1	24	2080	2100	2100
		1	49	2080	2100	2100
		25	0	2080	2100	2100
		25	12	2080	2100	2100
		25	25	2080	2100	2100
		50	0	2080	2100	2100
		50	12	2080	2100	2100
		50	25	2080	2100	2100
		100	0	2080	2100	2100

LTE Band 7 (Ant2)							
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	
		Channel	Frequency (MHz)	2080	2100	2100	
20	QPSK	1	0	13.38	13.44	13.69	
		1	50	12.98	13.12	12.94	
		1	99	13.04	13.11	13.03	
		50	0	13.08	13.13	13.01	
		50	25	12.93	12.99	12.94	
		50	50	13.00	13.05	12.91	
		100	0	12.88	12.85	12.78	
		1	0	13.00	13.35	13.06	
		1	50	12.84	13.13	13.01	
		1	99	12.89	12.79	12.90	
		50	0	13.04	13.11	13.03	
		50	25	12.94	12.89	12.89	
	100	0	12.94	13.05	12.89		
	1	0	13.21	13.21	13.39		
	1	25	13.07	13.10	13.17		
	1	99	13.22	13.34	13.22		
	50	25	13.16	13.03	13.11		
	50	50	12.96	12.96	12.92		
	100	0	12.89	13.11	13.11		
	1	0	13.27	13.10	13.34		
	1	50	13.15	13.28	13.29		
	50	0	13.15	12.99	13.07		
	50	25	13.00	13.02	13.14		
	50	50	13.04	13.05	13.06		
100	0	13.01	13.12	13.07			
BW (MHz)	Modulation	Channel	Frequency (MHz)	2080	2100	2140	
15	QPSK	1	0	1681.5	1676	1681.5	
		1	37				
		1	74				
		36	0				
		36	19				
		36	39				
		75	0				
		16QAM	1	37			
			1	74			
			36	0			
			36	19			
			36	39			
	75		0				
	1		74				
	36		0				
	36		19				
	36		39				
	75		0				
	1		74				
	36	0					
	36	19					
	36	39					
	75	0					
BW (MHz)	Modulation	Channel	Frequency (MHz)	2080	2100	2140	
10	QPSK	1	0	2080	2076	2080	
		1	24				
		1	49				
		25	0				
		25	12				
		25	25				
		50	0				
		16QAM	1	24			
			1	49			
			25	0			
			25	12			
			25	25			
	50		0				
	1		49				
	25		0				
	25		12				
	25		25				
	50		0				
	1		49				
	25	0					
	25	12					
	25	25					
	50	0					
BW (MHz)	Modulation	Channel	Frequency (MHz)	2076	2100	2142	
5	QPSK	1	12	2082.5	2079	2082.5	
		1	24				
		12	0				
		12	6				
		12	12				
		25	0				
		16QAM	1	12			
			1	24			
			12	0			
			12	6			
			12	12			
			25	0			
	1		24				
	12		0				
	12		6				
	12		12				
	25		0				
	1		24				
	12	0					
	12	6					
	12	12					
	25	0					

(DS12)

LTE Band 12 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		23880	23885	23935
		Frequency (MHz)		784	787.5	791
		Max. Turn-up (dBm)				
10	QPSK	1	0	21.29	21.19	21.28
		1	24	21.10	21.02	20.99
		1	49	21.03	20.72	20.89
		25	0	21.09	20.98	21.07
		25	12	21.19	21.07	21.11
		25	25	21.00	20.98	21.01
		50	0	21.11	20.99	21.04
		1	0	21.21	21.23	21.17
		1	24	20.88	21.27	21.13
		1	49	21.27	21.20	20.90
10	16QAM	25	0	20.90	21.00	20.94
		25	12	21.08	21.15	21.15
		25	25	21.04	21.07	21.04
		50	0	21.07	21.14	20.99
		1	0	21.09	21.10	21.14
		1	24	21.27	21.28	21.28
		1	49	21.11	21.04	20.93
		25	0	20.98	21.02	20.99
		25	12	21.09	21.11	21.17
		25	25	21.02	21.03	21.06
10	64QAM	50	0	20.98	21.02	21.10
		1	0	19.85	19.49	19.85
		1	24	19.84	19.48	19.70
		1	49	19.47	19.53	19.60
		25	0	19.59	19.45	19.54
		25	12	19.59	19.60	19.62
		25	25	19.60	19.59	19.61
		50	0	19.61	19.51	19.49
		50	0	19.61	19.51	19.49
		50	0	19.61	19.51	19.49
5	256QAM	50	0	19.61	19.51	19.49
		50	0	19.61	19.51	19.49
BW (MHz)	Modulation	Channel		23880	23885	23935
		Frequency (MHz)		784.5	787.5	793.5
		Max. Turn-up (dBm)				
		Frequency (MHz)		784.5	787.5	793.5
5	QPSK	1	0			22
		1	12			22
		1	24			22
		12	0			22
		12	6			22
		12	13			22
		25	0			22
		1	0			22
		1	12			22
		1	24			22
5	16QAM	12	0			22
		12	6			22
		12	13			22
		25	0			22
		1	0			22
		1	12			22
		1	24			22
		12	0			22
		12	6			22
		12	13			22
5	64QAM	25	0			22
		1	0			22
		1	12			22
		1	24			22
		12	0			22
		12	6			22
		12	13			22
		25	0			22
		1	0			22
		1	12			22
5	256QAM	1	24			22
		12	0			22
		12	6			22
		12	13			22
		25	0			22
		1	0			22
		1	12			22
		1	24			22
		12	0			22
		12	13			22
BW (MHz)	Modulation	Channel		23880	23885	23935
		Frequency (MHz)		784.5	787.5	793.5
		Max. Turn-up (dBm)				
		Frequency (MHz)		784.5	787.5	793.5
3	QPSK	1	0			22
		1	7			22
		1	14			22
		8	0			22
		8	3			22
		8	7			22
		15	0			22
		1	0			22
		1	7			22
		1	14			22
3	16QAM	8	0			22
		8	3			22
		8	7			22
		15	0			22
		1	0			22
		1	7			22
		1	14			22
		8	0			22
		8	3			22
		8	7			22
3	64QAM	15	0			22
		1	0			22
		1	7			22
		1	14			22
		8	0			22
		8	3			22
		8	7			22
		15	0			22
		1	0			22
		1	7			22
3	256QAM	1	14			20.5
		1	7			20.5
		1	0			20.5
		8	0			20.5
		8	3			20.5
		8	7			20.5
		15	0			20.5
		1	0			20.5
		1	7			20.5
		1	14			20.5
BW (MHz)	Modulation	Channel		23877	23885	23935
		Frequency (MHz)		699.7	707.5	716.3
		Max. Turn-up (dBm)				
		Frequency (MHz)		699.7	707.5	716.3
1.4	QPSK	1	0			22
		1	2			22
		1	5			22
		3	0			22
		3	1			22
		3	3			22
		6	0			22
		1	0			22
		1	2			22
		1	5			22
1.4	16QAM	3	0			22
		3	1			22
		3	3			22
		6	0			22
		1	0			22
		1	2			22
		1	5			22
		3	0			22
		3	1			22
		3	3			22
1.4	64QAM	6	0			22
		1	0			20.5
		1	2			20.5
		1	5			20.5
		3	0			20.5
		3	1			20.5
		3	3			20.5
		6	0			20.5
		1	0			20.5
		1	2			20.5
BW (MHz)	Modulation	Channel		23877	23885	23935
		Frequency (MHz)		699.7	707.5	716.3
		Max. Turn-up (dBm)				
		Frequency (MHz)		699.7	707.5	716.3

LTE Band 13 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		23200	23200	23250
		Frequency (MHz)		782	782	Max. Turn-up (dBm)
10	QPSK	1	0	18.47	19.5	
		1	24	19.22	19.5	
		1	49	19.09	19.5	
		25	0	18.38	19.5	
		25	12	19.22	19.5	
		25	25	18.33	19.5	
	16QAM	50	0	18.28	19.5	
		1	0	18.42	19.5	
		1	24	18.40	19.5	
		1	49	18.41	19.5	
		25	0	18.24	19.5	
		25	12	18.22	19.5	
	64QAM	25	25	18.25	19.5	
		50	0	18.37	19.5	
		1	0	18.25	19.5	
		1	24	18.35	19.5	
		1	49	18.45	19.5	
		25	0	18.25	19.5	
	256QAM	25	12	18.19	19.5	
		25	25	18.28	19.5	
50		0	18.31	19.5		
25		12	18.35	19.5		
25		25	18.25	19.5		
50		0	18.09	19.5		
BW (MHz)	Modulation	Channel		23200	23200	23250
		Frequency (MHz)		779.5	782	784.5
5	QPSK	1	0			19.5
		1	12			19.5
		1	24			19.5
		12	0			19.5
		12	6			19.5
		12	13			19.5
	16QAM	25	0			19.5
		1	12			19.5
		1	24			19.5
		12	0			19.5
		12	6			19.5
		12	13			19.5
	64QAM	25	0			19.5
		1	12			19.5
		1	24			19.5
		12	0			19.5
		12	6			19.5
		12	13			19.5
	256QAM	25	0			19.5
		1	12			19.5
1		24			19.5	
12		0			19.5	
12		6			19.5	
12		13			19.5	

(DS12)

LTE Band 14 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	High	Max. Turn-up (dBm)
		Channel Frequency (MHz)		793		
10	QPSK	1	0	18.54	19.5	
		1	24	18.14	19.5	
		1	49	18.22	19.5	
		25	0	18.48	19.5	
		25	12	18.41	19.5	
		25	25	18.39	19.5	
		50	0	18.32	19.5	
		1	0	18.39	19.5	
		1	24	18.46	19.5	
		1	49	18.52	19.5	
	16QAM	25	0	18.27	19.5	
		25	12	18.33	19.5	
		25	25	18.29	19.5	
		50	0	18.19	19.5	
		1	0	18.26	19.5	
		1	24	18.62	19.5	
		1	49	18.19	19.5	
		25	0	18.17	19.5	
		25	12	18.27	19.5	
		25	25	18.43	19.5	
	256QAM	50	0	18.44	19.5	
		1	0	18.35	19.5	
		1	24	18.29	19.5	
		1	49	18.26	19.5	
		25	0	18.29	19.5	
		25	12	18.21	19.5	
		25	25	18.36	19.5	
		50	0	18.29	19.5	
		Channel		2105	2155	2185
		Frequency (MHz)		793.5	795	795.5
5	QPSK	1	0			19.5
		1	12			19.5
		1	24			19.5
		12	0			19.5
		12	6			19.5
		12	13			19.5
		25	0			19.5
	16QAM	1	0			19.5
		1	12			19.5
		1	24			19.5
		12	0			19.5
		12	6			19.5
		12	13			19.5
		25	0			19.5
	64QAM	1	0			19.5
		1	12			19.5
		1	24			19.5
		12	0			19.5
		12	6			19.5
		12	13			19.5
		25	0			19.5
	256QAM	1	0			19.5
		1	12			19.5
		1	24			19.5
		12	0			19.5
		12	6			19.5
		12	13			19.5
		25	0			19.5

LTE Band 19 (Ant0)							
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Turn-up [dBm]
		Channel					
15	QPSK	Frequency [MHz]			837.5		
		1	0	19.57		20.5	
		1	37	19.81		20.5	
		1	74	19.86		20.5	
		36	0	19.53		20.5	
		36	19	19.63		20.5	
		36	39	19.68		20.5	
		75	0	19.63		20.5	
		1	0	19.57		20.5	
		1	37	19.84		20.5	
	16QAM	36	0	19.52		20.5	
		36	19	19.59		20.5	
		36	39	19.53		20.5	
		75	0	19.57		20.5	
		1	0	19.61		20.5	
		1	37	19.73		20.5	
		1	74	19.49		20.5	
		36	0	19.52		20.5	
		36	19	19.48		20.5	
		36	39	19.71		20.5	
	256QAM	75	0	19.64		20.5	
		1	0	19.61		20.5	
		1	37	19.73		20.5	
		1	74	19.49		20.5	
		36	0	19.52		20.5	
		36	19	19.48		20.5	
		36	39	19.71		20.5	
		75	0	19.64		20.5	
		Channel		2455	2475	2475	
		Frequency [MHz]		819	837.5	840	
10	QPSK	Frequency [MHz]					20.5
		1	0				20.5
		1	24				20.5
		1	49				20.5
		25	0				20.5
		25	12				20.5
		25	25				20.5
	16QAM	50	0				20.5
		1	0				20.5
		1	24				20.5
		1	49				20.5
		25	0				20.5
		25	12				20.5
		25	25				20.5
	64QAM	50	0				20.5
		1	0				20.5
		1	24				20.5
		1	49				20.5
		25	0				20.5
		25	12				20.5
		25	25				20.5
	256QAM	50	0				20.5
		1	0				20.5
		1	24				20.5
		1	49				20.5
		25	0				20.5
		25	12				20.5
		25	25				20.5
		Channel		2455	2475	2475	
		Frequency [MHz]		812.5	837.5	842.5	
5	QPSK	Frequency [MHz]					20.5
		1	0				20.5
		1	12				20.5
		1	24				20.5
		12	0				20.5
		12	6				20.5
		12	13				20.5
	16QAM	25	0				20.5
		1	0				20.5
		1	12				20.5
		1	24				20.5
		12	0				20.5
		12	6				20.5
		12	13				20.5
	64QAM	25	0				20.5
		1	0				20.5
		1	12				20.5
		1	24				20.5
		12	0				20.5
		12	6				20.5
		12	13				20.5
	256QAM	25	0				20.5
		1	0				20.5
		1	12				20.5
		1	24				20.5
		12	0				20.5
		12	6				20.5
		12	13				20.5

(DS12)

LTE Band 25 (Ant1)										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High		Max. Turn-up [dBm]		
		Channel		26140	26365	26590				
20	QPSK	Frequency [MHz]	1880	1882.5	1985					
		1	0	11.15	11.27	10.81	12			
		1	50	11.44	11.34	10.82	12			
		1	99	11.24	11.19	10.73	12			
		50	0	11.01	10.93	10.84	12			
		50	25	11.16	11.02	11.08	12			
		50	50	11.06	10.90	10.83	12			
		100	0	11.07	11.03	10.95	12			
		1	0	11.20	11.23	10.71	12			
		1	50	11.34	11.30	10.73	12			
	16QAM	Frequency [MHz]	1880	1882.5	1985					
		1	0	11.26	11.22	10.71	12			
		50	0	10.86	10.93	10.96	12			
		50	25	11.10	11.03	11.14	12			
		50	50	11.02	11.06	10.74	12			
		100	0	11.23	11.06	10.89	12			
		1	0	11.41	10.96	10.84	12			
		1	50	11.02	11.35	10.80	12			
		1	99	10.92	11.38	10.58	12			
		50	0	11.24	11.08	11.03	12			
64QAM	Frequency [MHz]	1880	1882.5	1985						
	50	0	11.19	11.12	10.74	12				
	50	25	11.15	11.01	10.76	12				
	50	50	11.09	10.86	10.71	12				
	50	50	11.15	10.90	10.74	12				
	100	0	11.07	11.06	10.74	12				
	1	0	11.27	11.23	10.71	12				
	1	50	11.27	11.12	10.76	12				
	1	99	11.25	10.89	10.57	12				
	50	0	11.03	11.14	10.90	12				
256QAM	Frequency [MHz]	1880	1882.5	1985						
	50	0	11.11	11.01	10.76	12				
	50	25	11.10	10.86	10.71	12				
	50	50	11.09	10.86	10.71	12				
	50	50	11.15	10.90	10.74	12				
	100	0	11.07	11.06	10.74	12				
	1	0	11.27	11.23	10.71	12				
	1	50	11.27	11.12	10.76	12				
	1	99	11.25	10.89	10.57	12				
	50	0	11.03	11.14	10.90	12				
BW [MHz]	Modulation	Channel	26116	26365	26515	Max. Turn-up [dBm]				
		Frequency [MHz]	1887.5	1932.5	1987.5					
		1	0			12				
		1	37			12				
		1	74			12				
		36	0			12				
		36	19			12				
		36	39			12				
		75	0			12				
		1	0			12				
15	QPSK	Channel	26590	26365	26640	Max. Turn-up [dBm]				
		Frequency [MHz]	1885	1932.5	1910					
		1	0			12				
		1	37			12				
		1	74			12				
		36	0			12				
		36	19			12				
		36	39			12				
		75	0			12				
		1	0			12				
	16QAM	Channel	26590	26365	26640	Max. Turn-up [dBm]				
		Frequency [MHz]	1885	1932.5	1910					
		1	37			12				
		1	74			12				
		36	0			12				
		36	19			12				
		36	39			12				
		75	0			12				
		1	0			12				
		1	37			12				
64QAM	Channel	26590	26365	26640	Max. Turn-up [dBm]					
	Frequency [MHz]	1885	1932.5	1910						
	1	37			12					
	1	74			12					
	36	0			12					
	36	19			12					
	36	39			12					
	75	0			12					
	1	0			12					
	1	37			12					
256QAM	Channel	26590	26365	26640	Max. Turn-up [dBm]					
	Frequency [MHz]	1885	1932.5	1910						
	1	37			12					
	1	74			12					
	36	0			12					
	36	19			12					
	36	39			12					
	75	0			12					
	1	0			12					
	1	37			12					
10	QPSK	Channel	26655	26365	26670	Max. Turn-up [dBm]				
		Frequency [MHz]	1882.5	1932.5	1912.5					
		1	0			12				
		1	24			12				
		1	49			12				
		25	0			12				
		25	12			12				
		25	25			12				
		50	0			12				
		1	0			12				
	16QAM	Channel	26655	26365	26670	Max. Turn-up [dBm]				
		Frequency [MHz]	1882.5	1932.5	1912.5					
		1	24			12				
		1	49			12				
		25	0			12				
		25	12			12				
		25	25			12				
		50	0			12				
		1	0			12				
		1	24			12				
64QAM	Channel	26655	26365	26670	Max. Turn-up [dBm]					
	Frequency [MHz]	1882.5	1932.5	1912.5						
	1	24			12					
	1	49			12					
	25	0			12					
	25	12			12					
	25	25			12					
	50	0			12					
	1	0			12					
	1	24			12					
256QAM	Channel	26655	26365	26670	Max. Turn-up [dBm]					
	Frequency [MHz]	1882.5	1932.5	1912.5						
	1	24			12					
	1	49			12					
	25	0			12					
	25	12			12					
	25	25			12					
	50	0			12					
	1	0			12					
	1	24			12					
BW [MHz]	Modulation	Channel	26655	26365	26670	Max. Turn-up [dBm]				
		Frequency [MHz]	1882.5	1932.5	1912.5					
		1	0			12				
		1	12			12				
		1	24			12				
		12	0			12				
		12	6			12				
		12	13			12				
		25	0			12				
		1	0			12				
5	QPSK	Channel	26665	26365	26670	Max. Turn-up [dBm]				
		Frequency [MHz]	1882.5	1932.5	1912.5					
		1	0			12				
		1	12			12				
		1	24			12				
		12	0			12				
		12	6			12				
		12	13			12				
		25	0			12				
		1	0			12				
	16QAM	Channel	26665	26365	26670	Max. Turn-up [dBm]				
		Frequency [MHz]	1882.5	1932.5	1912.5					
		1	12			12				
		1	24			12				
		12	0			12				
		12	6			12				
		12	13			12				
		25	0			12				
		1	0			12				
		1	12			12				
64QAM	Channel	26665	26365	26670	Max. Turn-up [dBm]					
	Frequency [MHz]	1882.5	1932.5	1912.5						
	1	12			12					
	1	24			12					
	12	0			12					
	12	6			12					
	12	13			12					
	25	0			12					
	1	0			12					
	1	12			12					
5	256QAM	Channel	26665	26365	26670	Max. Turn-up [dBm]				
		Frequency [MHz]	1882.5	1932.5	1912.5					
		1	12			12				
		1	24			12				
	12	0			12					
3	QPSK	Channel	26675	26365	26680	Max. Turn-up [dBm]				
		Frequency [MHz]	1883.5	1932.5	1913.5					
		1	0			12				
		1	7			12				
		1	14			12				
		8	0			12				
		8	3			12				
		8	7			12				
		15	0			12				
		1	0			12				
	16QAM	Channel	26675	26365	26680	Max. Turn-up [dBm]				
		Frequency [MHz]	1883.5	1932.5	1913.5					
		1	7			12				
		1	14			12				
		8	0			12				
		8	3			12				
		8	7			12				
		15	0			12				
		1	0			12				
		1	7			12				
64QAM	Channel	26675	26365	26680	Max. Turn-up [dBm]					
	Frequency [MHz]	1883.5	1932.5	1913.5						
	1	14			12					
	8	0			12					
	8	3			12					
	8	7			12					
	15	0			12					
	1	0			12					
	1	7			12					
	1	14			12					
256QAM	Channel	26675	26365	26680	Max. Turn-up [dBm]					
	Frequency [MHz]	1883.5	1932.5	1913.5						
	8	0			12					
	8	3			12					
	8	7			12					
	15	0			12					
	1	0			12					
	1	7			12					
	1	14			12					
	8	0			12					
1.4	QPSK	Channel	26687	26365	26692	Max. Turn-up [dBm]				
		Frequency [MHz]	1883.7	1932.5	1913.7					
		1	0			12				
		1	2			12				
		1	5			12				
		3	0			12				
		3	3			12				
		6	0			12				
		1	2			12				
		1	5			12				
	16QAM	Channel	26687	26365	26692	Max. Turn-up [dBm]				
		Frequency [MHz]	1883.7	1932.5	1913.7					
		1	2			12				
		1	5			12				
		3	0			12				
		3	3			12				
		6	0			12				
		1	2			12				
		1	5			12				
		3	0			12				
64QAM	Channel	26687	26365	26692	Max. Turn-up [dBm]					
	Frequency [MHz]	1883.7	1932.5	1913.7						
	1	2			12					
	1	5			12					
	3	0			12					
	3	3			12					
	6	0			12					
	1	2			12					
	1	5			12					
	3	0			12					
256QAM	Channel	26687	26365	26692	Max. Turn-up [dBm]					
	Frequency [MHz]	1883.7	1932.5	1913.7						
	1	2			12					
	1	5			12					
	3	0	</							

(DS12)

LTE Band 26 (Ant0)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Time-up (dBm)		
		Channel Frequency (MHz)	26765	26865	26965	841.5			
15	QPSK	1	0	19.07	19.29	19.38	20		
		1	37	19.91	19.13	19.25	20		
		1	74	18.60	18.78	19.03	20		
		36	0	18.96	18.96	18.97	20		
		36	19	18.88	18.91	19.11	20		
		36	39	18.81	18.78	19.07	20		
		75	0	19.05	19.05	19.05	20		
		1	37	19.10	19.10	19.03	20		
		1	74	18.91	19.11	19.00	20		
		36	0	18.73	18.98	19.07	20		
		36	19	18.76	18.80	19.12	20		
		36	39	18.91	19.00	18.96	20		
	16QAM	75	0	18.72	18.95	19.05	20		
		1	0	18.86	19.01	19.26	20		
		1	37	19.05	19.20	19.31	20		
		1	74	19.03	19.18	19.31	20		
		36	0	18.60	18.91	18.90	20		
		36	19	18.65	18.97	18.94	20		
		36	39	18.89	19.02	19.07	20		
		75	0	18.75	18.84	19.00	20		
	256QAM	1	0	18.62	18.78	19.02	20		
		1	37	18.93	19.08	19.18	20		
		1	74	19.17	19.34	19.13	20		
		36	0	18.71	18.93	18.96	20		
		36	19	18.78	18.90	19.11	20		
		36	39	18.86	18.99	18.98	20		
		75	0	18.84	19.07	19.01	20		
10	QPSK	1	0	20.765	20.865	20.965	Time-up		
		1	37	20.91	20.84	20.94	Time-up		
		1	74	20.60	20.78	20.93	Time-up		
		36	0	20.96	20.96	20.97	Time-up		
		36	19	20.88	20.91	21.11	Time-up		
		36	39	20.81	20.78	21.07	Time-up		
		75	0	20.95	20.95	20.95	Time-up		
		1	37	21.10	21.10	21.03	Time-up		
		1	74	20.91	21.11	21.00	Time-up		
		36	0	20.73	20.98	21.07	Time-up		
		36	19	20.76	20.80	21.12	Time-up		
		36	39	20.91	21.00	20.96	Time-up		
	16QAM	75	0	20.72	20.95	21.05	Time-up		
		1	0	20.86	21.01	21.26	Time-up		
		1	37	21.05	21.20	21.31	Time-up		
		1	74	21.03	21.18	21.31	Time-up		
		36	0	20.60	20.91	20.90	Time-up		
		36	19	20.65	20.97	21.04	Time-up		
		36	39	20.89	21.02	21.07	Time-up		
		75	0	20.75	20.84	21.00	Time-up		
	256QAM	1	0	20.62	20.78	21.02	Time-up		
		1	37	20.93	21.08	21.18	Time-up		
		1	74	21.17	21.34	21.13	Time-up		
		36	0	20.71	20.93	20.96	Time-up		
		36	19	20.78	20.90	21.11	Time-up		
		36	39	20.86	20.99	21.00	Time-up		
		75	0	20.84	21.07	21.01	Time-up		
5	QPSK	1	0	22.765	22.865	22.965	Time-up		
		1	37	22.91	22.84	22.94	Time-up		
		1	74	22.60	22.78	22.93	Time-up		
		36	0	22.96	22.96	22.97	Time-up		
		36	19	22.88	22.91	23.11	Time-up		
		36	39	22.81	22.78	23.07	Time-up		
		75	0	22.95	22.95	22.95	Time-up		
		1	37	23.10	23.10	23.03	Time-up		
		1	74	22.91	23.11	23.00	Time-up		
		36	0	22.73	22.98	23.07	Time-up		
		36	19	22.76	22.80	23.12	Time-up		
		36	39	22.91	23.00	22.96	Time-up		
	16QAM	75	0	22.72	22.95	23.05	Time-up		
		1	0	22.86	23.01	23.26	Time-up		
		1	37	23.05	23.20	23.31	Time-up		
		1	74	23.03	23.18	23.31	Time-up		
		36	0	22.60	22.91	22.90	Time-up		
		36	19	22.65	22.97	23.04	Time-up		
		36	39	22.89	23.02	23.07	Time-up		
		75	0	22.75	22.84	23.00	Time-up		
	256QAM	1	0	22.62	22.78	23.02	Time-up		
		1	37	22.93	23.08	23.18	Time-up		
		1	74	23.17	23.34	23.13	Time-up		
		36	0	22.71	22.93	22.96	Time-up		
		36	19	22.78	22.90	23.11	Time-up		
		36	39	22.86	22.99	23.00	Time-up		
		75	0	22.84	23.07	23.01	Time-up		
3	QPSK	1	0	24.765	24.865	24.965	Time-up		
		1	37	24.91	24.84	24.94	Time-up		
		1	74	24.60	24.78	24.93	Time-up		
		36	0	24.96	24.96	24.97	Time-up		
		36	19	24.88	24.91	25.11	Time-up		
		36	39	24.81	24.78	25.07	Time-up		
		75	0	24.95	24.95	24.95	Time-up		
		1	37	25.10	25.10	25.03	Time-up		
		1	74	24.91	25.11	25.00	Time-up		
		36	0	24.73	24.98	25.07	Time-up		
		36	19	24.76	24.80	25.12	Time-up		
		36	39	24.91	25.00	24.96	Time-up		
	16QAM	75	0	24.72	24.95	25.05	Time-up		
		1	0	24.86	25.01	25.26	Time-up		
		1	37	25.05	25.20	25.31	Time-up		
		1	74	25.03	25.18	25.31	Time-up		
		36	0	24.60	24.91	24.90	Time-up		
		36	19	24.65	24.97	25.04	Time-up		
		36	39	24.89	25.02	25.07	Time-up		
		75	0	24.75	24.84	25.00	Time-up		
	256QAM	1	0	24.62	24.78	25.02	Time-up		
		1	37	24.93	25.08	25.18	Time-up		
		1	74	25.17	25.34	25.13	Time-up		
		36	0	24.71	24.93	24.96	Time-up		
		36	19	24.78	24.90	25.11	Time-up		
		36	39	24.86	24.99	25.00	Time-up		
		75	0	24.84	25.07	25.01	Time-up		
1.4	QPSK	1	0	26.765	26.865	26.965	Time-up		
		1	37	26.91	26.84	26.94	Time-up		
		1	74	26.60	26.78	26.93	Time-up		
		36	0	26.96	26.96	26.97	Time-up		
		36	19	26.88	26.91	27.11	Time-up		
		36	39	26.81	26.78	27.07	Time-up		
		75	0	26.95	26.95	26.95	Time-up		
		1	37	27.10	27.10	27.03	Time-up		
		1	74	26.91	27.11	27.00	Time-up		
		36	0	26.73	26.98	27.07	Time-up		
		36	19	26.76	26.80	27.12	Time-up		
		36	39	26.91	27.00	26.96	Time-up		
	16QAM	75	0	26.72	26.95	27.05	Time-up		
		1	0	26.86	27.01	27.26	Time-up		
		1	37	27.05	27.20	27.31	Time-up		
		1	74	27.03	27.18	27.31	Time-up		
		36	0	26.60	26.91	26.90	Time-up		
		36	19	26.65	26.97	27.04	Time-up		
		36	39	26.89	27.02	27.07	Time-up		
		75	0	26.75	26.84	27.00	Time-up		
	256QAM	1	0	26.62	26.78	27.02	Time-up		
		1	37	26.93	27.08	27.18	Time-up		
		1	74	27.17	27.34	27.13	Time-up		
		36	0	26.71	26.93	26.96	Time-up		
		36	19	26.78	26.90	27.11	Time-up		
		36	39	26.86	26.99	27.00	Time-up		
		75	0	26.84	27.07	27.01	Time-up		

LTE Band 30 (Ant0)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max.		
		Channel Frequency (MHz)	27765	27865	27965	Time-up (dBm)			
10	QPSK	1	0	12.73	12.73	13.5			
		1	24	12.13	12.13	13.5			
		1	49	12.24	12.24	13.5			
		25	0	12.59	12.59	13.5			
		25	12	12.23	12.23	13.5			
		25	25	12.43	12.43	13.5			
	16QAM	50	0	12.63	12.63	13.5			
		1	0	12.63	12.63	13.5			
		1	24	12.16	12.16	13.5			
		1	49	12.25	12.25	13.5			
		25	0	12.59	12.59	13.5			
		25	12	12.23	12.23	13.5			
	64QAM	25	25	12.43	12.43	13.5			
		50	0	12.63	12.63	13.5			
		1	0	12.68	12.68	13.5			
		1	24	12.12	12.12	13.5			
		1	49	12.30	12.30	13.5			
		25	0	12.49	12.49	13.5			
	256QAM	25	12	12.38	12.38	13.5			
		50	0	12.45	12.45	13.5			
		1	0	12.63	12.63	13.5			
		1	24	12.63	12.63	13.5			
		1	49	12.68	12.68	13.5			
		25	0	12.49	12.49	13.5			
5	16QAM	25	12	12.38	12.38	13.5			
		25	25	12.47	12.47	13.5			
		50	0	12.54	12.54	13.5			
		1	0	12.54	12.54	13.5			
		1	24	12.12	12.12	13.5			
		1	49	12.30	12.30	13.5			
5	64QAM	25	0	12.49	12.49	13.5			
		25	12	12.38	12.38	13.5			
		25	25	12.47	12.47	13.5			
		50	0	12.54	12.54	13.5			
		1	0	12.54	12.54	13.5			
		1	24	12.12	12.12	13.5			
	256QAM	1	49	12.30	12.30	13.5			
		25	0	12.49	12.49	13.5			
		25	12	12.38	12.38	13.5			
		25	25	12.47	12.47	13.5			
		50	0	12.54	12.54	13.5			
		1	0	12.54	12.54	13.5			

(DSI2)

LTE Band 38 (Ant0)									
BW (MHz)	Modulation	RB Size Channel	RB Offset	Low	Mid	High	Max. Turn-up (dBm)		
				Frequency (MHz)	2020	2025			
20	QPSK	1	0	14.83	14.79	14.29	15.5		
		1	50	14.57	14.60	14.29	15.5		
		1	99	14.29	14.45	14.14	15.5		
		50	0	14.84	14.24	14.46	15.5		
		50	25	14.50	14.68	14.44	15.5		
		50	50	14.46	14.55	14.20	15.5		
		100	0	14.40	14.69	14.40	15.5		
		1	0	14.60	14.73	14.29	15.5		
		1	50	14.57	14.62	14.29	15.5		
		1	99	14.30	14.51	14.09	15.5		
10QAM		50	0	14.81	14.68	14.40	15.5		
		50	25	14.44	14.63	14.34	15.5		
		50	50	14.42	14.51	14.21	15.5		
		100	0	14.41	14.56	14.40	15.5		
		1	0	14.59	14.61	14.61	15.5		
		1	50	14.57	14.64	14.38	15.5		
		1	99	14.57	14.47	14.60	15.5		
		50	0	14.86	14.60	14.30	15.5		
		50	25	14.46	14.62	14.45	15.5		
		50	50	14.54	14.60	14.31	15.5		
64QAM		100	0	14.46	14.62	14.51	15.5		
		1	0	14.43	14.46	14.54	15.5		
		1	50	14.47	14.34	14.48	15.5		
		1	99	14.28	14.51	14.39	15.5		
		50	0	14.59	14.46	14.54	15.5		
		50	25	14.60	14.63	14.54	15.5		
		50	50	14.34	14.56	14.33	15.5		
		100	0	14.50	14.73	14.47	15.5		
		1	0	14.63	14.46	14.54	15.5		
		1	50	14.57	14.64	14.38	15.5		
256QAM		1	99	14.57	14.47	14.60	15.5		
		50	0	14.86	14.60	14.30	15.5		
		50	25	14.46	14.62	14.45	15.5		
		50	50	14.54	14.60	14.31	15.5		
		100	0	14.46	14.62	14.51	15.5		
		1	0	14.43	14.46	14.54	15.5		
		1	50	14.47	14.34	14.48	15.5		
		1	99	14.28	14.51	14.39	15.5		
		50	0	14.59	14.46	14.54	15.5		
		50	25	14.60	14.63	14.54	15.5		
15	QPSK	1	0	14.83	14.79	14.29	15.5		
		1	50	14.57	14.60	14.29	15.5		
		1	99	14.29	14.45	14.14	15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
10QAM		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
64QAM		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
256QAM		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
10	QPSK	1	0	14.83	14.79	14.29	15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
10QAM		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
64QAM		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
256QAM		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
5	QPSK	1	0	14.83	14.79	14.29	15.5		
		1	12				15.5		
		1	24				15.5		
		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
		1	24				15.5		
10QAM		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
		1	24				15.5		
		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
64QAM		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
		1	24				15.5		
		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
256QAM		1	24				15.5		
		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
		1	24				15.5		
		12	0				15.5		
		12	6				15.5		

LTE Band 41 (Ant0)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Turn-up (dBm)
		Channel	Frequency (MHz)	2016	2045.5	2093	2124.5	2168	
20	QPSK	1	0	15.02	14.96	15.14	14.99	14.90	16
		1	50	14.83	14.87	14.95	14.91	14.70	16
		1	100	14.59	14.65	15.02	14.85	14.71	16
		50	0	14.82	14.88	14.94	14.84	14.70	16
		50	0	14.93	14.90	15.07	14.93	14.71	16
	16QAM	50	50	14.74	14.70	14.82	14.62	14.68	16
		100	0	14.99	14.84	15.02	14.83	14.63	16
		1	0	15.01	14.89	15.03	15.02	14.96	16
		1	50	14.83	14.91	14.95	14.81	14.71	16
		1	100	14.90	14.73	14.94	14.92	14.77	16
60QAM	50	0	14.81	14.88	14.86	14.84	14.69	16	
	50	25	14.81	14.88	15.07	14.99	14.76	16	
	100	0	14.81	14.70	14.93	15.00	14.81	16	
	1000	0	14.84	14.75	14.95	14.82	14.67	16	
	1	0	15.05	14.93	15.02	15.01	14.97	16	
	1	50	14.85	14.94	15.05	14.88	15.00	16	
	1	100	14.90	14.04	14.94	14.93	14.88	16	
	50	0	14.99	14.95	14.94	14.87	15.02	16	
	50	25	14.94	14.94	14.93	14.94	14.88	16	
	50	50	15.09	15.01	15.06	15.07	15.00	16	
250QAM	100	0	14.94	14.82	14.85	14.78	14.73	16	
	1	50	14.85	14.84	14.82	14.69	14.72	16	
	1	100	14.86	14.73	14.81	15.12	14.84	16	
	50	0	15.07	15.03	14.93	14.98	14.89	16	
	50	25	15.05	14.96	14.93	15.07	14.94	16	
	50	50	15.09	14.91	14.86	14.93	14.83	16	
	100	0	14.84	14.94	15.03	14.92	14.72	16	
	15	QPSK	Channel	39728	40172.5	40520	40867.5	41516	Max. Turn-up (dBm)
			Frequency (MHz)	2021.5	2045.25	2093	2127.75	2165.5	
			1	0					16
1			37					16	
1			74					16	
16QAM		38	0					16	
		36	19					16	
		38	38					16	
		79	0					16	
		1	37					16	
60QAM	1	74					16		
	36	19					16		
	38	38					16		
	79	0					16		
	1	37					16		
250QAM	1	74					16		
	36	19					16		
	38	38					16		
	79	0					16		
	1	37					16		
	10	QPSK	1	0					16
			1	24					16
			1	48					16
			25	12					16
			25	25					16
16QAM		50	0					16	
		25	24					16	
		1	49					16	
		25	12					16	
		25	25					16	
60QAM	50	0					16		
	1	0					16		
	1	24					16		
	1	48					16		
	25	12					16		
5	QPSK	25	25					16	
		12	13					16	
		12	6					16	
		12	13					16	
		25	0					16	
	16QAM	1	0					16	
		1	24					16	
		12	6					16	
		12	13					16	
		25	0					16	
60QAM	1	0					16		
	1	12					16		
	1	24					16		
	12	6					16		
	12	13					16		
250QAM	25	0					16		
	1	24					16		
	12	6					16		
	12	13					16		
	25	0					16		
BW (MHz)	Modulation	Channel	39675	40167.5	40520	41082.5	41565	Max. Turn-up (dBm)	
		Frequency (MHz)	2481.5	2545.75	2595	2640.25	2687.5		
	QPSK	1	12					16	
		1	24					16	
		12	0					16	
		12	6					16	
		12	13					16	
	16QAM	25	0					16	
		1	0					16	
		1	24					16	
12		6					16		
12		13					16		
60QAM	1	0					16		
	1	12					16		
	1	24					16		
	12	6					16		
	12	13					16		
250QAM	25	0					16		
	1	24					16		
	12	6					16		
	12	13					16		
	25	0					16		

(DS12)

Part27Q LTE Band 42 (Ant1)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dBm)		
		Channel	Frequency (MHz)	42190	42390	42590			
20	QPSK	1	0	14.64	14.68	14.42	15.5		
		1	50	14.53	14.49	14.59	15.5		
		1	99	14.36	14.47	14.19	15.5		
		50	0	14.15	14.27	14.13	15.5		
		50	25	14.46	14.30	14.38	15.5		
		50	50	14.41	14.26	14.17	15.5		
		100	0	14.65	14.47	14.29	15.5		
		1	0	15.55	14.52	14.44	15.5		
		1	50	14.58	14.46	14.27	15.5		
		1	99	14.20	14.25	14.30	15.5		
20	16QAM	1	0	14.23	14.32	14.13	15.5		
		50	0	14.54	14.39	14.35	15.5		
		50	25	14.54	14.39	14.35	15.5		
		50	50	14.46	14.28	14.15	15.5		
		100	0	14.45	14.44	14.20	15.5		
		1	0	14.53	14.59	14.53	15.5		
		1	50	14.32	14.19	14.37	15.5		
		1	99	14.43	13.87	14.12	15.5		
		50	0	14.06	14.26	14.16	15.5		
		50	25	14.32	14.37	14.24	15.5		
20	64QAM	50	50	14.37	14.23	14.28	15.5		
		50	50	14.48	14.27	14.33	15.5		
		100	0	14.17	14.25	14.15	15.5		
		1	0	14.50	14.42	14.42	15.5		
		1	50	14.30	14.38	14.50	15.5		
		1	99	14.42	14.24	14.39	15.5		
		50	0	14.12	14.52	14.27	15.5		
		50	25	14.30	14.26	14.37	15.5		
		50	50	14.37	14.23	14.28	15.5		
		100	0	14.31	14.16	14.21	15.5		
20	256QAM	1	0	14.50	14.42	14.42	15.5		
		1	50	14.30	14.38	14.50	15.5		
		1	99	14.42	14.24	14.39	15.5		
		50	0	14.12	14.52	14.27	15.5		
		50	25	14.30	14.26	14.37	15.5		
		50	50	14.37	14.23	14.28	15.5		
		100	0	14.31	14.16	14.21	15.5		
		1	0	14.50	14.42	14.42	15.5		
		1	50	14.30	14.38	14.50	15.5		
		1	99	14.42	14.24	14.39	15.5		
15	QPSK	1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
15	16QAM	36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
15	64QAM	75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
15	256QAM	75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
15	QPSK	1	0	42115	42390	42665	Max. Turn-up (dBm)		
		1	24	3457.5	3559	3547.5	15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
10	16QAM	25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
5	64QAM	50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
5	256QAM	50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		

Part96 LTE Band 42 (Ant1)									
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Turn-up (dBm)		
		Channel	Frequency (MHz)	43190	43340	43490			
20	QPSK	1	0	14.76	14.61	14.77	15.5		
		1	50	14.69	14.22	14.73	15.5		
		1	99	14.60	14.23	14.65	15.5		
		50	0	14.52	14.33	14.63	15.5		
		50	25	14.62	14.48	14.73	15.5		
		50	50	14.48	14.20	14.68	15.5		
		100	0	14.58	14.30	14.71	15.5		
		1	0	14.70	14.40	14.67	15.5		
		1	50	14.75	14.34	14.67	15.5		
		1	99	14.65	14.23	14.60	15.5		
20	16QAM	1	0	14.54	14.40	14.66	15.5		
		50	25	14.61	14.44	14.72	15.5		
		50	50	14.49	14.30	14.67	15.5		
		100	0	14.58	14.35	14.67	15.5		
		1	0	14.40	14.35	14.42	15.5		
		1	50	14.27	14.35	14.65	15.5		
		1	99	14.42	13.89	14.32	15.5		
		50	0	14.41	14.25	14.56	15.5		
		50	25	14.60	14.25	14.55	15.5		
		50	50	14.51	14.16	14.54	15.5		
20	64QAM	100	0	14.63	14.38	14.64	15.5		
		1	0	14.63	14.35	14.64	15.5		
		1	50	14.27	14.14	14.35	15.5		
		1	99	14.72	14.19	14.43	15.5		
		50	0	14.63	14.20	14.57	15.5		
		50	25	14.61	14.45	14.69	15.5		
		50	50	14.57	14.21	14.61	15.5		
		100	0	14.49	14.31	14.57	15.5		
		1	0				15.5		
		1	37				15.5		
15	QPSK	1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
15	16QAM	36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
15	64QAM	75	0				15.5		
		1	0				15.5		
		1	37				15.5		
		1	74				15.5		
		36	0				15.5		
		36	19				15.5		
		36	39				15.5		
		75	0				15.5		
		1	0				15.5		
		1	37				15.5		
10	QPSK	1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
10	16QAM	25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
10	64QAM	50	0				15.5		
		1	0				15.5		
		1	24				15.5		
		1	49				15.5		
		25	0				15.5		
		25	12				15.5		
		25	25				15.5		
		50	0				15.5		
		1	0				15.5		
		1	24				15.5		
5	QPSK	1	0				15.5		
		1	12				15.5		
		1	24				15.5		
		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
		1	24				15.5		
5	16QAM	12	0				15.5		
		12	6				15.5		
		12	13				15.5		
		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
		1	24				15.5		
		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
5	64QAM	25	0				15.5		
		1	0				15.5		
		1	12				15.5		
		1	24				15.5		
		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
5	256QAM	1	0				15.5		
		1	12				15.5		
		1	24				15.5		
		12	0				15.5		
		12	6				15.5		
		12	13				15.5		
		25	0				15.5		
		1	0				15.5		
		1	12				15.5		
		1	24				15.5		

(DS12)

LTE Band 48 (Ant1)									
SW (MHz)	Modulation	RB Size Channel	RB Offset	Low	Low Mid	High Mid	High	Max. Turn-up (dBm)	
20	QPSK	Channel Frequency (MHz)		3540	3565	3615	3640		
		1	0	15.00	15.25	15.40	15.25	17	
		1	50	15.00	15.42	15.49	15.40	17	
		1	99	15.00	15.37	15.39	15.33	17	
		50	0	15.09	15.14	15.42	15.29	17	
		50	25	15.37	15.28	15.44	15.39	17	
		50	50	15.09	15.23	15.25	15.32	17	
		100	0	15.00	15.43	15.49	15.27	17	
		1	0	15.04	15.23	15.43	15.33	17	
		1	50	15.10	15.38	15.45	15.39	17	
	16QAM	1	0	15.09	15.23	15.24	15.30	17	
		50	0	15.09	15.16	15.35	15.30	17	
		50	25	15.18	15.31	15.40	15.36	17	
		50	50	15.20	15.21	15.28	15.31	17	
		100	0	15.05	15.38	15.42	15.30	17	
		1	0	15.01	15.04	15.36	15.36	17	
		1	50	15.03	15.25	15.39	15.39	17	
		1	99	15.12	15.13	15.39	15.29	17	
		50	0	15.12	15.21	15.44	15.44	17	
		50	25	15.05	15.43	15.42	15.25	17	
	64QAM	50	50	15.07	15.39	15.36	15.30	17	
		100	0	15.06	15.20	15.25	15.20	17	
		1	0	15.82	15.08	15.46	15.26	17	
		1	50	15.04	15.40	15.35	15.00	17	
		1	99	15.11	15.27	15.30	15.33	17	
		50	0	15.87	15.31	15.25	15.24	17	
		50	25	15.03	15.36	15.22	15.27	17	
		50	50	15.09	15.35	15.31	15.34	17	
		100	0	15.05	15.24	15.17	15.25	17	
		100	0	15.06	15.20	15.25	15.20	17	
15	QPSK	Channel Frequency (MHz)		3515	3565	3615	3640		
		1	0					17	
		1	37					17	
		1	74					17	
		36	0					17	
		36	36					17	
		36	75					17	
		75	0					17	
	16QAM	1	0					17	
		1	37					17	
		1	74					17	
		36	0					17	
		36	36					17	
		36	75					17	
		75	0					17	
		1	0					17	
		1	37					17	
		1	74					17	
	64QAM	36	0					17	
		36	36					17	
		36	75					17	
		75	0					17	
		1	0					17	
		1	37					17	
		1	74					17	
		36	0					17	
		36	36					17	
		36	75					17	
	256QAM	1	0					17	
		1	37					17	
		1	74					17	
		36	0					17	
		36	36					17	
		36	75					17	
		75	0					17	
		1	0					17	
		1	37					17	
		1	74					17	
10	QPSK	Channel Frequency (MHz)		3520	3560	3640	3680		
		1	0					17	
		1	24					17	
		1	48					17	
		25	0					17	
		25	12					17	
		25	25					17	
		50	0					17	
	16QAM	1	0					17	
		1	24					17	
		1	48					17	
		25	0					17	
		25	12					17	
		25	25					17	
		50	0					17	
		1	0					17	
		1	24					17	
		1	48					17	
	64QAM	25	0					17	
		25	12					17	
		25	25					17	
		50	0					17	
		1	0					17	
		1	24					17	
		1	48					17	
		25	0					17	
		25	12					17	
		25	25					17	
	256QAM	50	0					17	
		1	0					17	
		1	24					17	
		1	48					17	
		25	0					17	
		25	12					17	
		25	25					17	
		50	0					17	
		1	0					17	
		1	24					17	
5	QPSK	Channel Frequency (MHz)		3525	3565	3615	3675		
		1	0					17	
		1	12					17	
		1	24					17	
		12	0					17	
		12	6					17	
		12	13					17	
		25	0					17	
		1	0					17	
	16QAM	1	12					17	
		1	24					17	
		12	0					17	
		12	6					17	
		12	13					17	
		25	0					17	
		1	0					17	
		1	12					17	
		1	24					17	
		12	0					17	
	64QAM	12	0					17	
		12	6					17	
		12	13					17	
		25	0					17	
		1	0					17	
		1	12					17	
		1	24					17	
		12	0					17	
		12	6					17	
		12	13					17	
	256QAM	25	0					17	
		1	0					17	
		1	12					17	
		1	24					17	
		12	0					17	
		12	6					17	
		12	13					17	
		25	0					17	
		1	0					17	
		1	12					17	

(DS12)

LTE Band 66 (Ant1)						
BW [MHz]	Modulation	RB Size Channel	RB Offset Low	Mid	High	Max. Turn-up [dBm]
20	QPSK	Channel Frequency (MHz)	132072	132022	132072	
		1	0	11.30	11.42	11.25
		1	50	11.50	11.47	11.39
		1	99	11.33	11.37	11.27
		50	0	11.50	11.47	11.39
		50	25	11.47	11.36	11.33
		50	50	11.22	11.29	11.29
		100	0	11.36	11.35	11.34
		1	0	11.23	11.43	11.31
		1	50	11.46	11.46	11.45
	16QAM	Channel Frequency (MHz)	132072	132022	132072	
		1	0	11.26	11.35	11.25
		50	0	10.99	11.39	11.28
		50	25	11.39	11.34	11.32
		50	50	11.26	11.29	11.25
		100	0	11.42	11.33	11.39
		1	0	11.30	11.36	11.24
		1	50	11.37	11.37	11.34
		1	99	11.43	11.36	11.16
		50	0	11.57	11.29	11.20
20	64QAM	Channel Frequency (MHz)	132072	132022	132072	
		1	0	11.41	11.35	11.35
		50	25	11.41	11.35	11.35
		50	50	11.39	11.36	11.28
		100	0	11.42	11.34	11.27
		1	0	11.47	11.16	11.45
		1	50	11.30	11.11	11.21
		1	99	11.37	11.11	11.27
		50	0	11.13	11.34	11.25
		50	25	11.26	11.42	11.25
20	256QAM	Channel Frequency (MHz)	132072	132022	132072	
		1	0	11.34	11.41	11.21
		50	50	11.24	11.41	11.21
		100	0	11.36	11.40	11.30
		1	0			
		1	37			
		1	74			
		36	0			
		36	19			
		36	39			
15	QPSK	Channel Frequency (MHz)	132047	132022	132047	
		1	0			
		1	37			
		1	74			
		36	0			
		36	19			
		36	39			
		75	0			
		1	0			
		1	37			
15	16QAM	Channel Frequency (MHz)	132047	132022	132047	
		1	0			
		1	37			
		1	74			
		36	0			
		36	19			
		36	39			
		75	0			
		1	0			
		1	37			
15	64QAM	Channel Frequency (MHz)	132047	132022	132047	
		1	0			
		1	37			
		1	74			
		36	0			
		36	19			
		36	39			
		75	0			
		1	0			
		1	37			
15	256QAM	Channel Frequency (MHz)	132047	132022	132047	
		1	0			
		1	37			
		1	74			
		36	0			
		36	19			
		36	39			
		75	0			
		1	0			
		1	37			
10	QPSK	Channel Frequency (MHz)	132022	132022	132022	
		1	0			
		1	24			
		1	49			
		25	0			
		25	12			
		25	25			
		50	0			
		1	0			
		1	24			
10	16QAM	Channel Frequency (MHz)	132022	132022	132022	
		1	0			
		1	24			
		1	49			
		25	0			
		25	12			
		25	25			
		50	0			
		1	0			
		1	24			
10	64QAM	Channel Frequency (MHz)	132047	132022	132047	
		1	0			
		1	24			
		1	49			
		25	0			
		25	12			
		25	25			
		50	0			
		1	0			
		1	24			
10	256QAM	Channel Frequency (MHz)	132047	132022	132047	
		1	0			
		1	24			
		1	49			
		25	0			
		25	12			
		25	25			
		50	0			
		1	0			
		1	24			
5	QPSK	Channel Frequency (MHz)	131997	132022	132047	
		1	0			
		1	12			
		1	24			
		12	0			
		12	6			
		12	13			
		25	0			
		1	0			
		1	12			
5	16QAM	Channel Frequency (MHz)	131997	132022	132047	
		1	0			
		1	12			
		1	24			
		12	0			
		12	6			
		12	13			
		25	0			
		1	0			
		1	12			
5	64QAM	Channel Frequency (MHz)	131997	132022	132047	
		1	0			
		1	12			
		1	24			
		12	0			
		12	6			
		12	13			
		25	0			
		1	0			
		1	12			
5	256QAM	Channel Frequency (MHz)	131997	132022	132047	
		1	0			
		1	12			
		1	24			
		12	0			
		12	6			
		12	13			
		25	0			
		1	0			
		1	12			
3	QPSK	Channel Frequency (MHz)	131979	132022	132047	
		1	0			
		1	7			
		1	14			
		8	0			
		8	3			
		8	7			
		15	0			
		1	0			
		1	7			
3	16QAM	Channel Frequency (MHz)	131979	132022	132047	
		1	0			
		1	7			
		1	14			
		8	0			
		8	3			
		8	7			
		15	0			
		1	0			
		1	7			
3	64QAM	Channel Frequency (MHz)	131979	132022	132047	
		1	0			
		1	7			
		1	14			
		8	0			
		8	3			
		8	7			
		15	0			
		1	0			
		1	7			
3	256QAM	Channel Frequency (MHz)	131979	132022	132047	
		1	0			
		1	7			
		1	14			
		8	0			
		8	3			
		8	7			
		15	0			
		1	0			
		1	7			
1.4	QPSK	Channel Frequency (MHz)	131979	132022	132047	
		1	2			
		1	5			
		3	0			
		3	1			
		6	0			
		6	3			
		1	0			
		1	2			
		1	5			
1.4	16QAM	Channel Frequency (MHz)	131979	132022	132047	
		1	2			
		1	5			
		3	0			
		3	1			
		6	0			
		6	3			
		1	0			
		1	2			
		1	5			
1.4	64QAM	Channel Frequency (MHz)	131979	132022	132047	
		1	2			
		1	5			
		3	0			
		3	1			
		6	0			
		6	3			

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LTE Band 71 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	High	Max. Tx Power (dBm)
		Channel		13322	13322	13372
20	QPSK	Frequency (MHz)		673	685	686
		1	0	21.48	21.86	21.44
		1	50	21.47	21.42	21.24
		1	99	21.20	21.13	21.05
		50	0	21.26	21.30	21.21
		50	25	21.37	21.62	21.42
		50	50	21.26	21.27	21.25
		100	0	21.25	21.23	21.22
		1	0	21.45	21.53	21.44
		1	50	21.33	21.46	21.52
	16QAM	1	99	21.02	21.45	21.31
		50	0	21.51	21.43	21.22
		50	25	21.41	21.33	21.25
		50	50	21.40	21.15	21.22
		100	0	21.43	21.30	21.30
	64QAM	1	0	21.21	21.36	21.47
		1	50	21.42	21.32	21.32
		1	99	21.51	21.08	21.06
		50	0	20.97	20.96	20.96
		50	25	20.98	20.51	20.55
		50	50	20.79	20.82	20.58
		100	0	20.63	20.65	20.64
	256QAM	1	0	18.81	18.15	18.90
		1	50	18.30	18.86	18.70
		1	99	18.32	18.67	18.68
		50	0	18.95	19.01	18.68
		50	25	18.89	18.87	18.89
		50	50	18.78	18.82	18.75
		100	0	19.07	18.52	18.81
BW (MHz)	Modulation	Channel		133197	133297	133402
		Frequency (MHz)		675.5	686.5	686.5
15	QPSK	1	0			23
		1	37			23
		1	74			23
		36	0			23
		36	19			23
		36	39			23
		75	0			23
		1	0			23
		1	37			23
		1	74			23
	16QAM	36	0			23
		36	19			23
		36	39			23
		75	0			23
		1	0			23
		1	37			23
		1	74			23
	64QAM	36	0			22.5
		36	19			22.5
		36	39			22.5
		75	0			22.5
		1	0			22.5
		1	37			22.5
		1	74			22.5
	256QAM	36	0			20.5
		36	19			20.5
		36	39			20.5
		75	0			20.5
		1	0			20.5
		1	37			20.5
		1	74			20.5
BW (MHz)	Modulation	Channel		133197	133297	133402
		Frequency (MHz)		685.5	686.5	686.5
10	QPSK	1	0			23
		1	24			23
		1	49			23
		25	0			23
		25	12			23
		25	25			23
		50	0			23
		1	0			23
		1	24			23
		1	49			23
	16QAM	25	0			23
		25	12			23
		25	25			23
		50	0			23
		1	0			23
		1	24			23
		1	49			23
	64QAM	25	0			22.5
		25	12			22.5
		25	25			22.5
		50	0			22.5
		1	0			20.5
		1	24			20.5
		1	49			20.5
	256QAM	25	0			20.5
		25	12			20.5
		25	25			20.5
		50	0			20.5
		1	0			20.5
		1	24			20.5
		1	49			20.5
BW (MHz)	Modulation	Channel		133147	133297	133402
		Frequency (MHz)		685.5	686.5	686.5
5	QPSK	1	0			23
		1	12			23
		1	24			23
		12	0			23
		12	6			23
		12	13			23
		25	0			23
		1	0			23
		1	12			23
		1	24			23
	16QAM	12	0			23
		12	6			23
		12	13			23
		25	0			23
		1	0			23
		1	12			23
		1	24			23
	64QAM	12	0			22.5
		12	6			22.5
		12	13			22.5
		25	0			22.5
		1	0			20.5
		1	12			20.5
		1	24			20.5
	256QAM	12	0			20.5
		12	6			20.5
		12	13			20.5
		25	0			20.5

LTE Band 106 (Ant0)						
BW (MHz)	Modulation	RB Size	RB Offset	Low	High	Max. Tx Power (dBm)
		Channel		13432	13432	13432
3	QPSK	Frequency (MHz)		889		
		1	0	18.97		20
		1	7		18.83	20
		1	14		18.64	20
		8	0		18.97	20
		8	3		18.83	20
		8	7		18.63	20
		16	0		18.88	20
		1	0		18.58	20
		1	7		18.73	20
	16QAM	1	14		18.71	20
		8	0		18.78	20
		8	3		18.73	20
		8	7		18.79	20
		16	0		18.79	20
	64QAM	1	0		18.58	20
		1	7		18.85	20
		1	14		18.51	20
		8	0		18.62	20
		8	3		18.75	20
		8	7		18.72	20
		16	0		18.75	20
	256QAM	1	0		18.51	20
		1	7		18.85	20
		1	14		18.69	20
		8	0		18.78	20
		8	3		18.75	20
		8	7		18.79	20
		16	0		18.64	20
BW (MHz)	Modulation	Channel		13439	13437	13439
		Frequency (MHz)		892.7	893.5	893.5
1.4	QPSK	1	0			20
		1	2			20
		1	5			20
		3	0			20
		3	1			20
		3	3			20
		6	0			20
		1	0			20
		1	2			20
		1	5			20
	16QAM	3	0			20
		3	1			20
		3	3			20
		6	0			20
		1	0			20
		1	2			20
		1	5			20
	64QAM	3	0			20
		3	1			20
		3	3			20
		6	0			20
		1	0			20
		1	2			20
		1	5			20
	256QAM	3	0			20
		3	1			20
		3	3			20
		6	0			20

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n2 (SCS 15kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20	Pi/2 BPSK	1	1	7.42	7.41	7.25	9.0
		1	53	7.34	7.33	7.27	9.0
		1	104	7.46	7.41	7.29	9.0
		50	0	7.46	7.24	7.35	9.0
		50	28	7.44	7.45	7.36	9.0
		50	56	7.57	7.34	7.43	9.0
		100	0	7.52	7.30	7.28	9.0
	QPSK	1	1	7.71	7.55	7.41	9.0
		1	53	7.50	7.43	7.32	9.0
		1	104	7.54	7.54	7.26	9.0
		50	0	7.49	7.35	7.40	9.0
		50	28	7.59	7.57	7.47	9.0
		50	56	7.35	7.50	7.20	9.0
		100	0	7.63	7.33	7.20	9.0
	16QAM	1	1	7.41	7.38	7.37	9.0
	64QAM	1	1	7.48	7.26	7.19	9.0
	256QAM	1	1	7.24	7.21	7.18	9.0
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	Max. Tune-up
15	QPSK	Frequency (MHz)		1857.5	1880	1902.5	9.0
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	Max. Tune-up
10	QPSK	Frequency (MHz)		1855	1880	1905	9.0
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	Max. Tune-up
5	QPSK	Frequency (MHz)		1852.5	1880	1907.5	9.0

n2 (SCS 15kHz)_Ant2							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20	Pi/2 BPSK	1	1	17.86	17.84	18.04	19.0
		1	53	17.92	18.01	17.98	19.0
		1	104	18.11	18.23	18.12	19.0
		50	0	18.04	18.11	18.20	19.0
		50	28	18.06	18.07	18.06	19.0
		50	56	18.32	18.12	18.31	19.0
		100	0	18.01	18.17	18.19	19.0
	QPSK	1	1	17.97	18.34	18.11	19.0
		1	53	17.86	18.16	18.07	19.0
		1	104	17.65	17.89	18.02	19.0
		50	0	18.02	18.11	18.04	19.0
		50	28	18.11	18.18	18.14	19.0
		50	56	18.01	18.05	18.04	19.0
		100	0	18.01	18.16	18.06	19.0
	16QAM	1	1	18.12	18.11	18.22	19.0
	64QAM	1	1	18.04	18.13	18.18	19.0
	256QAM	1	1	17.91	18.02	18.02	19.0
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	Max. Tune-up
15	QPSK	Frequency (MHz)		1857.5	1880	1902.5	19.0
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	Max. Tune-up
10	QPSK	Frequency (MHz)		1855	1880	1905	19.0
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	Max. Tune-up
5	QPSK	Frequency (MHz)		1852.5	1880	1907.5	19.0

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n5 (SCS 15kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		166800	167300	167800	
		Frequency (MHz)		834	836.5	839	
20	Pv2 BPSK	1	1	16.75	16.85	17.06	18.5
		1	53	16.96	17.14	16.88	18.5
		1	104	17.22	17.17	17.00	18.5
		50	0	17.05	17.28	17.18	18.5
		50	28	17.35	17.22	17.15	18.5
		50	56	17.34	17.46	17.20	18.5
		100	0	17.41	17.18	17.13	18.5
	QPSK	1	1	17.39	17.62	17.46	18.5
		1	53	17.23	17.11	16.91	18.5
		1	104	17.31	17.32	17.16	18.5
		50	0	17.26	17.47	17.26	18.5
		50	28	17.50	17.53	17.29	18.5
		50	56	17.23	17.45	17.19	18.5
		100	0	17.28	17.41	17.38	18.5
	16QAM	1	1	17.14	17.25	17.24	18.5
	64QAM	1	1	17.43	17.44	17.51	18.5
	256QAM	1	1	17.22	17.38	17.27	18.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	Max. Tune-up
15	QPSK	Frequency (MHz)		831.5	836.5	841.5	18.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	Max. Tune-up
10	QPSK	Frequency (MHz)		829	836.5	844	18.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	Max. Tune-up
5	QPSK	Frequency (MHz)		826.5	836.5	846.5	18.5

n7 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		502000	507000	512000		
		Frequency (MHz)		2510	2535	2560		
20	Pv2 BPSK	1	1	12.10	12.24	12.39	13.5	
		1	53	12.03	12.29	12.19	13.5	
		1	104	12.21	12.49	11.87	13.5	
		50	0	12.45	12.35	12.48	13.5	
		50	28	11.93	12.37	12.41	13.5	
		50	56	12.33	12.51	12.50	13.5	
		100	0	11.88	12.38	12.11	13.5	
		1	1	12.46	12.65	12.53	13.5	
		1	53	12.31	12.51	12.45	13.5	
		1	104	12.27	12.36	11.92	13.5	
	QPSK	50	0	12.41	12.48	12.43	13.5	
		50	28	12.47	12.54	12.50	13.5	
		50	56	12.42	12.52	12.38	13.5	
		100	0	12.48	12.61	12.54	13.5	
		16QAM	1	1	12.41	12.55	12.63	13.5
		64QAM	1	1	12.26	12.20	12.33	13.5
		256QAM	1	1	11.92	12.27	12.27	13.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	Max. Tune-up	
15	QPSK	Frequency (MHz)		2507.5	2535	2562.5	13.5	
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	Max. Tune-up	
10	QPSK	Frequency (MHz)		2505	2535	2565	13.5	
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	Max. Tune-up	
5	QPSK	Frequency (MHz)		2502.5	2535	2567.5	13.5	

(DSI2)

n25 (SCS 15 kHz)_Ant0								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		372000	376500	381000		
		Frequency (MHz)		1860	1882.5	1905		
20	DFT-s-OFDM Pv2 BPSK	1	1	7.69	7.58	7.48	9.0	
		1	53	7.53	7.45	7.34	9.0	
		1	104	7.47	7.61	7.43	9.0	
		50	0	7.43	7.40	7.49	9.0	
		50	28	7.45	7.18	7.31	9.0	
		50	56	7.43	7.58	7.40	9.0	
		100	0	7.23	7.36	7.38	9.0	
		1	1	7.74	7.45	7.39	9.0	
		1	53	7.46	7.38	7.30	9.0	
	DFT-s-OFDM QPSK	1	104	7.32	7.25	7.16	9.0	
		50	0	7.35	7.17	7.09	9.0	
		50	28	7.53	7.32	7.26	9.0	
		50	56	7.46	7.12	7.05	9.0	
		100	0	7.22	7.20	7.05	9.0	
		DFT-s-OFDM 16QAM	1	1	7.19	7.33	7.42	9.0
		DFT-s-OFDM 64QAM	1	1	7.51	7.65	7.58	9.0
		DFT-s-OFDM 256QAM	1	1	7.38	7.39	7.20	9.0
BW [MHz]	MCS Index	Channel		371500	376500	381500	Max. Tune-up	
15	DFT-s-OFDM QPSK	Frequency (MHz)		1857.5	1882.5	1907.5	9.0	
BW [MHz]	MCS Index	Channel		371000	376500	382000	Max. Tune-up	
10	DFT-s-OFDM QPSK	Frequency (MHz)		1855	1882.5	1910	9.0	
BW [MHz]	MCS Index	Channel		370500	376500	382500	Max. Tune-up	
5	DFT-s-OFDM QPSK	Frequency (MHz)		1852.5	1882.5	1912.5	9.0	

n25 (SCS 15 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376500	381000	
		Frequency (MHz)		1860	1882.5	1905	
20	DFT-s-OFDM Pv2 BPSK	1	1	17.85	17.87	18.13	19.0
		1	53	17.92	18.09	18.04	19.0
		1	104	17.94	18.15	17.88	19.0
		50	0	18.05	18.09	18.09	19.0
		50	28	18.00	18.13	18.01	19.0
		50	56	18.13	18.15	18.16	19.0
		100	0	18.01	18.16	18.00	19.0
	DFT-s-OFDM QPSK	1	1	17.96	18.03	18.37	19.0
		1	53	17.83	17.85	18.05	19.0
		1	104	17.75	17.85	17.95	19.0
		50	0	18.00	18.03	18.20	19.0
		50	28	18.19	18.26	18.30	19.0
		50	56	18.17	18.16	18.07	19.0
		100	0	18.03	18.16	18.22	19.0
	DFT-s-OFDM 16QAM	1	1	17.91	17.94	18.14	19.0
	DFT-s-OFDM 64QAM	1	1	17.78	17.70	17.61	19.0
	DFT-s-OFDM 256QAM	1	1	17.57	17.76	17.75	19.0
BW [MHz]	MCS Index	Channel		371500	376500	381500	Max. Tune-up
15	DFT-s-OFDM QPSK	1	1	1857.5	1882.5	1907.5	19.0
BW [MHz]	MCS Index	Channel		371000	376500	382000	Max. Tune-up
10	DFT-s-OFDM QPSK	Frequency (MHz)		1855	1882.5	1910	19.0
BW [MHz]	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequency (MHz)		1852.5	1882.5	1912.5	
5	DFT-s-OFDM QPSK	1	1				19.0

(DSI2)

n30 (SCS 15 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			462000		
		Frequency (MHz)			2310		
10	DFT-s-OFDM Pi/2 BPSK	1	1		11.32		13.0
		1	26		11.29		13.0
		1	50		11.31		13.0
		25	0		11.30		13.0
		25	14		11.32		13.0
		25	27		11.32		13.0
		50	0		11.36		13.0
		50	0		11.48		13.0
	DFT-s-OFDM QPSK	1	1		11.30		13.0
		1	26		11.17		13.0
		1	50		11.25		13.0
		25	0		11.37		13.0
		25	14		11.09		13.0
		25	27		11.25		13.0
		50	0				13.0
		50	0				13.0
	DFT-s-OFDM 16QAM	1	1		11.34		13.0
	DFT-s-OFDM 64QAM	1	1		11.38		13.0
	DFT-s-OFDM 256QAM	1	1		11.25		13.0

n30 (SCS 15 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			462000		
		Frequency (MHz)			2310		
10	DFT-s-OFDM Pi/2 BPSK	1	1		11.98		13.0
		1	26		11.89		13.0
		1	50		11.80		13.0
		25	0		12.18		13.0
		25	14		11.77		13.0
		25	27		12.16		13.0
		50	0		12.16		13.0
		50	0		12.20		13.0
	DFT-s-OFDM QPSK	1	1		11.98		13.0
		1	26		11.85		13.0
		1	50		12.02		13.0
		25	0		12.02		13.0
		25	14		12.17		13.0
		25	27		12.09		13.0
		50	0		12.03		13.0
		50	0		12.03		13.0
	DFT-s-OFDM 16QAM	1	1		11.99		13.0
	DFT-s-OFDM 64QAM	1	1		12.03		13.0
	DFT-s-OFDM 256QAM	1	1		12.05		13.0

(DS12)

n38 (SCS 30kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequency (MHz)		2590	2595	2600	
40	Pi/2 BPSK	1	1	12.30	12.16	12.14	13.5
		1	53	12.04	12.13	12.14	13.5
		1	104	12.12	12.06	12.21	13.5
		50	0	12.51	12.57	12.50	13.5
		50	28	12.21	12.18	12.35	13.5
		50	56	12.53	12.45	12.58	13.5
		100	0	12.49	12.55	12.43	13.5
		1	1	12.57	12.59	12.57	13.5
	QPSK	1	53	12.09	12.22	12.28	13.5
		1	104	12.29	12.24	12.21	13.5
		50	0	12.29	12.25	12.19	13.5
		50	28	12.39	12.41	12.28	13.5
		50	56	12.35	12.35	12.23	13.5
		100	0	12.29	12.47	12.42	13.5
	16QAM	1	1	12.45	12.43	12.45	13.5
	64QAM	1	1	12.13	12.18	12.00	13.5
	256QAM	1	1	12.52	12.49	12.57	13.5
30	DFT-s-OFDM	Channel		517000	519000	521000	Max. Tune-up
		Frequency (MHz)		2585	2595	2605	
30	QPSK	1	1				13.5
20	DFT-s-OFDM	Channel		516000	519000	522000	Max. Tune-up
		Frequency (MHz)		2580	2595	2610	
20	QPSK	1	1				13.5

(DSI2)

n41 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)	
		Channel		509202	518598	528000		
100	PI/2 BPSK	Frequency (MHz)		2546.01	2592.99	2640		
		1	1	12.77	12.73	12.72	14.0	
		1	137	12.63	12.56	12.72	14.0	
		1	271	12.23	12.33	12.18	14.0	
		135	0	12.46	12.47	12.37	14.0	
		135	69	12.73	12.74	12.80	14.0	
		135	138	12.54	12.62	12.56	14.0	
		270	0	12.48	12.58	12.61	14.0	
		1	1	12.88	12.96	12.91	14.0	
		1	137	12.70	12.57	12.78	14.0	
	QPSK	1	271	12.42	12.40	12.41	14.0	
		135	0	12.75	12.71	12.69	14.0	
		135	69	12.83	12.91	12.79	14.0	
		135	138	12.79	12.78	12.62	14.0	
		270	0	12.88	12.89	12.71	14.0	
		16QAM	1	1	12.37	12.67	12.39	14.0
		64QAM	1	1	12.78	12.86	12.71	14.0
		256QAM	1	1	12.47	12.70	12.62	14.0
	BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	Max. Tune-up
	90	QPSK	Frequency (MHz)		2541	2592.99	2644.98	14.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	Max. Tune-up	
80	QPSK	Frequency (MHz)		2536.02	2592.99	2649.99	14.0	
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	Max. Tune-up	
70	QPSK	Frequency (MHz)		2531.01	2592.99	2655	14.0	
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	Max. Tune-up	
60	QPSK	Frequency (MHz)		2526	2592.99	2659.98	14.0	
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	Max. Tune-up	
50	QPSK	Frequency (MHz)		2521.02	2592.99	2664.99	14.0	
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	Max. Tune-up	
40	QPSK	Frequency (MHz)		2516.01	2592.99	2670	14.0	
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	Max. Tune-up	
30	QPSK	Frequency (MHz)		2511	2592.99	2674.98	14.0	
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	Max. Tune-up	
20	QPSK	Frequency (MHz)		2506.02	2592.99	2679.99	14.0	

n41 (SCS 30kHz)_Ant2							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
100	PI/2 BPSK	Frequency (MHz)		2546.01	2592.99	2640	
		1	1	14.31	14.29	14.34	15.5
		1	137	14.66	14.28	14.91	15.5
		1	271	13.95	14.43	13.58	15.5
		135	0	14.84	14.35	14.36	15.5
		135	69	14.68	14.19	14.84	15.5
		135	138	14.54	14.66	14.68	15.5
	QPSK	270	0	14.71	14.31	14.66	15.5
		1	1	14.57	14.98	14.67	15.5
		1	137	14.40	14.50	14.36	15.5
		1	271	14.32	14.83	14.27	15.5
		135	0	14.65	14.69	14.61	15.5
		135	69	14.76	14.81	14.74	15.5
		135	138	14.61	14.72	14.62	15.5
	16QAM	270	0	14.59	14.67	14.59	15.5
		1	1	14.41	14.61	14.27	15.5
		64QAM	1	1	14.37	14.53	14.71
256QAM	1	1	14.93	14.58	14.84	15.5	
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	Max. Tune-up
90	QPSK	Frequency (MHz)		2541	2592.99	2644.98	
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	Max. Tune-up
80	QPSK	Frequency (MHz)		2536.02	2592.99	2649.99	
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	Max. Tune-up
70	QPSK	Frequency (MHz)		2531.01	2592.99	2655	
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	Max. Tune-up
60	QPSK	Frequency (MHz)		2526	2592.99	2659.98	
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	Max. Tune-up
50	QPSK	Frequency (MHz)		2521.02	2592.99	2664.99	
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	Max. Tune-up
40	QPSK	Frequency (MHz)		2516.01	2592.99	2670	
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	Max. Tune-up
30	QPSK	Frequency (MHz)		2511	2592.99	2674.98	
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	Max. Tune-up
20	QPSK	Frequency (MHz)		2506.02	2592.99	2679.99	

(DSI2)

n48 (SCS 30kHz)_Ant1							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequency (MHz)		3570	3624.99	3679.98	
40	Pi/2 BPSK	1	1	15.24	15.47	15.44	17.0
		1	53	15.28	15.50	15.58	17.0
		1	104	15.32	15.39	15.52	17.0
		50	0	15.02	15.07	15.11	17.0
		50	28	15.35	15.58	15.47	17.0
		50	56	15.37	15.13	15.33	17.0
		100	0	15.32	15.25	15.33	17.0
		1	1	15.58	15.69	15.76	17.0
		1	53	15.41	15.66	15.69	17.0
	QPSK	1	104	15.19	15.58	15.47	17.0
		50	0	15.39	15.45	15.46	17.0
		50	28	15.48	15.66	15.70	17.0
		50	56	15.40	15.61	15.59	17.0
		100	0	15.32	15.66	15.74	17.0
	16QAM	1	1	15.24	15.44	15.61	17.0
	64QAM	1	1	15.56	15.24	15.47	17.0
	256QAM	1	1	15.43	15.23	15.34	17.0
30	DFT-s-OFDM	Channel		637668	641666	645666	Max. Tune-up
		Frequency (MHz)		3565.02	3624.99	3684.99	
20	QPSK	1	1				17.0
20	DFT-s-OFDM	Channel		637334	641666	646000	Max. Tune-up
		Frequency (MHz)		3560.01	3624.99	3690	
20	QPSK	1	1				17.0

(DSI2)

n66 (SCS 15kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		345000	349000	353000	
30	P/2 BPSK	Frequency (MHz)		1725	1745	1765	
		1	1	11.27	11.36	11.17	12.0
		1	80	11.31	11.34	11.28	12.0
		1	158	11.45	11.36	11.22	12.0
		80	0	10.82	11.11	10.94	12.0
		80	40	11.41	11.43	11.29	12.0
		80	80	11.13	11.06	11.01	12.0
		160	0	11.01	11.11	11.01	12.0
		1	1	11.50	11.56	11.43	12.0
	QPSK	1	80	11.29	11.35	11.40	12.0
		1	158	11.24	11.47	11.17	12.0
		80	0	11.34	11.38	11.39	12.0
		80	40	11.40	11.46	11.44	12.0
		80	80	11.39	11.42	11.38	12.0
		160	0	11.45	11.50	11.46	12.0
		16QAM	1	1	11.55	11.49	11.41
	64QAM	1	1	11.24	11.31	11.43	12.0
256QAM	1	1	11.28	11.15	11.20	12.0	
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	Max. Tune-up
20	QPSK	Frequency (MHz)		1720	1745	1770	
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	Max. Tune-up
15	QPSK	Frequency (MHz)		1717.5	1745	1772.5	
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	Max. Tune-up
10	QPSK	Frequency (MHz)		1715	1745	1775	
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	Max. Tune-up
5	QPSK	Frequency (MHz)		1712.5	1745	1777.5	

n66 (SCS 15kHz)_Ant2							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		345000	349000	353000	
30	P/2 BPSK	Frequency (MHz)		1725	1745	1765	
		1	1	21.07	20.97	21.16	22.5
		1	80	21.16	20.97	21.12	22.5
		1	158	21.03	21.00	21.08	22.5
		80	0	21.19	21.00	20.96	22.5
		80	40	21.21	21.17	21.06	22.5
		80	80	21.31	21.12	21.18	22.5
		160	0	21.00	21.18	21.04	22.5
		1	1	21.68	21.26	21.05	22.5
	QPSK	1	80	21.16	21.16	20.75	22.5
		1	158	21.08	21.12	20.87	22.5
		80	0	21.24	21.23	21.17	22.5
		80	40	21.31	21.25	21.28	22.5
		80	80	21.18	21.21	21.20	22.5
		160	0	21.25	21.21	21.12	22.5
		16QAM	1	1	21.04	21.15	20.96
	64QAM	1	1	21.01	20.95	20.59	22.5
256QAM		1	1	19.39	19.19	19.06	21.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	Max. Tune-up
20	QPSK	Frequency (MHz)		1720	1745	1770	
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	Max. Tune-up
15	QPSK	Frequency (MHz)		1717.5	1745	1772.5	
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	Max. Tune-up
10	QPSK	Frequency (MHz)		1715	1745	1775	
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	Max. Tune-up
5	QPSK	Frequency (MHz)		1712.5	1745	1777.5	

(DSI2)

n71 (SCS 15kHz)_Ant0							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		134600	136100	137600	
		Frequency (MHz)		673	680.5	688	
20	Pi/2 BPSK	1	1	21.51	21.52	21.37	23.0
		1	53	21.40	21.25	21.21	23.0
		1	104	21.41	21.25	21.13	23.0
		50	0	21.19	21.18	21.17	23.0
		50	28	21.43	21.34	21.34	23.0
		50	56	21.22	21.21	21.14	23.0
		100	0	21.26	21.17	21.27	23.0
		100	0	21.26	21.17	21.27	23.0
	QPSK	1	1	21.61	21.54	21.49	23.0
		1	53	21.48	21.44	21.30	23.0
		1	104	21.40	21.40	21.15	23.0
		50	0	21.50	21.41	21.46	23.0
		50	28	21.59	21.50	21.48	23.0
		50	56	21.52	21.46	21.45	23.0
		100	0	21.57	21.46	21.41	23.0
		100	0	21.57	21.46	21.41	23.0
	16QAM	1	1	21.52	21.47	21.29	23.0
	64QAM	1	1	21.29	21.31	21.17	23.0
	256QAM	1	1	19.27	19.22	19.25	21.0
	1	1	19.27	19.22	19.25	21.0	
BW [MHz]	DFT-s-OFDM	Channel		134100	136100	138100	Max. Tune-up
15	QPSK	Frequency (MHz)		670.5	680.5	690.5	23.0
BW [MHz]	DFT-s-OFDM	Channel		133600	136100	138600	Max. Tune-up
10	QPSK	Frequency (MHz)		668	680.5	693	23.0
BW [MHz]	DFT-s-OFDM	Channel		133100	136100	139100	Max. Tune-up
5	QPSK	Frequency (MHz)		665.5	680.5	695.5	23.0

(DSI2)

Par27Q_n77 (SCS 30kHz)_Ant1							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100	Pv/2 BPSK	1	1		13.93		15.5
		1	137		13.77		15.5
		1	271		14.05		15.5
		135	0		13.83		15.5
		135	69		13.81		15.5
		135	138		13.91		15.5
		270	0		13.74		15.5
		1	1		14.16		15.5
	QPSK	1	137		13.80		15.5
		1	271		13.72		15.5
		135	0		13.93		15.5
		135	69		14.01		15.5
		135	138		13.88		15.5
		270	0		13.93		15.5
	16QAM	1	1		14.11		15.5
	64QAM	1	1		13.65		15.5
	256QAM	1	1		13.96		15.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	Max. Tune-up
80	QPSK	Frequency (MHz)		3490.02	3500.01	3510	
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	Max. Tune-up
60	QPSK	Frequency (MHz)		3480	3500.01	3519.99	
60	QPSK	1	1				15.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	Max. Tune-up
40	QPSK	Frequency (MHz)		3470.01	3500.01	3529.98	
40	QPSK	1	1				15.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	Max. Tune-up
30	QPSK	Frequency (MHz)		3465	3500.01	3534.99	
30	QPSK	1	1				15.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	Max. Tune-up
20	QPSK	Frequency (MHz)		3460.02	3500.01	3540	
20	QPSK	1	1				15.5

Part27O_n77 (SCS 30kHz)_Ant1							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100	PI/2 BPSK	1	1	14.26	14.40	14.23	15.5
		1	137	14.25	14.09	13.92	15.5
		1	271	13.87	14.01	13.93	15.5
		135	0	13.88	13.94	13.77	15.5
		135	69	14.12	14.16	14.00	15.5
		135	138	14.10	13.87	14.16	15.5
		270	0	14.09	13.80	14.08	15.5
		1	1	14.36	14.48	14.21	15.5
	QPSK	1	137	14.15	14.28	14.04	15.5
		1	271	13.89	13.88	14.05	15.5
		135	0	14.24	14.28	14.03	15.5
		135	69	14.28	14.36	14.14	15.5
		135	138	14.11	14.29	14.09	15.5
		270	0	14.04	14.34	14.18	15.5
	16QAM	1	1	14.35	14.33	14.47	15.5
	64QAM	1	1	14.01	14.17	14.09	15.5
	256QAM	1	1	14.03	14.20	14.15	15.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	Max. Tune-up
80	QPSK	Frequency (MHz)		3740.01	3840	3939.99	
80	QPSK	1	1				15.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	Max. Tune-up
60	QPSK	Frequency (MHz)		3730.02	3840	3949.98	
60	QPSK	1	1				15.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	Max. Tune-up
40	QPSK	Frequency (MHz)		3720	3840	3960	
40	QPSK	1	1				15.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	Max. Tune-up
30	QPSK	Frequency (MHz)		3715.02	3840	3964.98	
30	QPSK	1	1				15.5
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	Max. Tune-up
20	QPSK	Frequency (MHz)		3710.01	3840	3969.99	
20	QPSK	1	1				15.5

(DSI2)

Part27Q_n78 (SCS 30kHz) Ant1							
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100	Pi/2 BPSK	1	1		14.48		16.0
		1	137		14.29		16.0
		1	271		14.35		16.0
		135	0		14.36		16.0
		135	69		14.45		16.0
		135	138		14.32		16.0
		270	0		14.16		16.0
		1	1		14.67		16.0
	QPSK	1	137		14.42		16.0
		1	271		14.43		16.0
		135	0		14.53		16.0
		135	69		14.59		16.0
		135	138		14.46		16.0
		270	0		14.43		16.0
	16QAM	1	1		14.19		16.0
	64QAM	1	1		14.48		16.0
	256QAM	1	1		14.60		16.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90	QPSK	1	1				16.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80	QPSK	1	1				16.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70	QPSK	1	1				16.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60	QPSK	1	1				16.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50	QPSK	1	1				16.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40	QPSK	1	1				16.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30	QPSK	1	1				16.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20	QPSK	1	1				16.0

(DSI2)

Part27Q_n77 (SCS 30kHz) Ant0+1							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100	CP-OFDM QPSK	1	1		14.32		15.5
		1	137		14.05		15.5
		1	271		13.98		15.5
		135	0		14.17		15.5
		135	69		14.26		15.5
		135	138		14.23		15.5
		270	0		14.15		15.5
	CP-OFDM 16QAM	1	1		14.16		15.5
	CP-OFDM 64QAM	1	1		14.24		15.5
	CP-OFDM 256QAM	1	1		14.11		15.5
BW [MHz]	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20	CP-OFDM QPSK	1	1				15.5

Part27O_n77 (SCS 30kHz) Ant0+1							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequency (MHz)		3750	3840	3930	
100	CP-OFDM QPSK	1	1	14.07	14.75	14.78	15.5
		1	137	13.94	14.53	14.38	15.5
		1	271	13.91	14.28	14.28	15.5
		135	0	14.12	14.30	14.07	15.5
		135	69	14.35	14.39	14.45	15.5
		135	138	14.19	14.26	14.13	15.5
		270	0	14.18	14.22	14.33	15.5
	CP-OFDM 16QAM	1	1	14.39	14.69	14.62	15.5
	CP-OFDM 64QAM	1	1	14.48	14.49	14.46	15.5
	CP-OFDM 256QAM	1	1	14.04	14.20	14.08	15.5
BW [MHz]	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequency (MHz)		3740.01	3840	3939.99	
80	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequency (MHz)		3730.02	3840	3949.98	
60	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequency (MHz)		3720	3840	3960	
40	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		647668	656000	664332	Max. Tune-up
		Frequency (MHz)		3715.02	3840	3964.98	
30	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequency (MHz)		3710.01	3840	3969.99	
20	CP-OFDM QPSK	1	1				15.5

(DSI2)

Part27Q_n78 (SCS 30kHz)_Ant0+1							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel			633334		
		Frequency (MHz)			3500.01		
100	CP-OFDM QPSK	1	1		14.07		15.5
		1	137		13.97		15.5
		1	271		14.04		15.5
		135	0		13.71		15.5
		135	69		14.05		15.5
		135	138		13.74		15.5
		270	0		13.98		15.5
	CP-OFDM 16QAM	1	1		13.70		15.5
	CP-OFDM 64QAM	1	1		13.82		15.5
	CP-OFDM 256QAM	1	1		13.80		15.5
BW [MHz]	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequency (MHz)		3495	3500.01	3504.99	
90	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequency (MHz)		3490.02	3500.01	3510	
80	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequency (MHz)		3485.01	3500.01	3514.98	
70	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequency (MHz)		3480	3500.01	3519.99	
60	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		631668	633334	635000	Max. Tune-up
		Frequency (MHz)		3475.02	3500.01	3525	
50	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequency (MHz)		3470.01	3500.01	3529.98	
40	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		631000	633334	635666	Max. Tune-up
		Frequency (MHz)		3465	3500.01	3534.99	
30	CP-OFDM QPSK	1	1				15.5
BW [MHz]	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequency (MHz)		3460.02	3500.01	3540	
20	CP-OFDM QPSK	1	1				15.5

(DS10)

BT Ant6					
BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0	8.66	10.00
		2440	19	9.47	10.00
		2480	39	7.96	9.00
		2404	1	8.89	10.00
BLE	2M	2440	19	9.54	11.00
		2478	38	7.96	9.00
		2402	0	3.37	4.00
		2440	19	4.38	5.00
BLE	S2	2480	39	2.52	4.00
		2462	0	3.98	4.00
		2440	19	4.4	5.00
		2480	39	2.6	4.00
BREDR	GFSK	2402	0	20.36	21.00
		2441	39	16.96	18.00
		2480	78	20.16	21.00
		2402	0	17.59	19.00
BREDR	DQPSK	2441	39	18.12	19.00
		2480	78	16.96	18.00
		2402	0	17.59	19.00
		2441	39	18.18	19.00
BREDR	BPSK	2480	78	16.96	18.00

(DS10)

BT Ant7					
BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0	8.23	9.00
		2440	19	9.17	10.00
		2480	39	7.97	9.00
		2404	1	8.3	9.00
BLE	2M	2440	19	9.17	10.00
		2478	38	8.01	9.00
		2402	0	2.94	4.00
		2440	19	4.26	5.00
BLE	S2	2480	39	2.96	4.00
		2462	0	12.89	15.00
		2440	19	4.26	5.00
		2480	39	2.96	4.00
BREDR	GFSK	2402	0	16.07	19.00
		2441	39	16.21	19.00
		2480	78	17.1	19.00
		2402	0	14.25	15.00
BREDR	DQPSK	2441	39	14.74	16.00
		2480	78	14.31	15.00
		2402	0	14.31	15.00
		2441	39	14.78	16.00
BREDR	BPSK	2480	78	13.88	15.00

(DS10)

WLAN2-4G Ant6					
Mode	Tones/ R/ULIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	15.07	16.00
		2437	6	14.89	16.00
802.11g	NA	2412	1	14.89	16.00
		2437	6	14.57	16.00
802.11n HT20	NA	2412	11	14.75	16.00
		2412	1	14.28	15.00
802.11n HT40	NA	2437	6	14.82	16.00
		2462	11	14.24	15.00
802.11ax HE20	NA	2437	3	14.57	16.00
		2462	11	14.47	15.00
802.11ax HE40	NA	2452	9	14.49	15.00
		2412	1	14.39	15.00
802.11ax HE80	NA	2437	6	14.52	16.00
		2462	11	14.24	15.00
802.11ax EHT20	NA	2412	1	14.24	15.00
		2437	6	14.27	15.00
802.11ax EHT40	NA	2462	11	14.25	15.00
		2462	11	14.27	15.00
802.11ax HE20	26	2412	1	17.19	19.00
		2437	6	16.65	18.00
802.11ax HE20	52	2412	1	16.77	18.00
		2437	6	17.09	18.00
802.11ax HE20	106	2412	1	17.34	18.00
		2437	6	17.13	18.00
802.11be HE20	26T+0	2412	1	17.07	18.00
		2437	6	16.34	17.00
802.11be HE20	26T+4	2412	1	17.16	18.00
		2437	6	16.27	17.00
802.11be HE20	26T+8	2412	1	16.69	18.00
		2437	6	16.79	18.00
802.11be HE20	52T+37	2412	1	16.57	17.00
		2437	6	16.39	17.00
802.11be HE20	52T+38	2412	1	16.41	17.00
		2437	6	16.43	17.00
802.11be HE20	52T+40	2412	1	15.72	17.00
		2437	6	16.76	18.00
802.11be HE20	106T+53	2412	1	16.96	18.00
		2437	6	17.00	18.00
802.11be HE20	106T+54	2412	1	16.96	18.00
		2437	6	16.31	17.00
802.11be HE20	26+52	2412	1	16.43	17.00
		2437	6	16.96	18.00
802.11be HE20	26+106	2412	1	15.90	17.00
		2437	6	16.84	18.00
802.11be HE40	26T+0	2412	3	16.54	18.00
		2437	6	16.86	18.00
802.11be HE40	26T+8	2412	3	16.57	18.00
		2437	6	16.57	18.00
802.11be HE40	26T+17	2412	3	16.14	17.00
		2437	6	16.71	18.00
802.11be HE40	52T+37	2412	3	16.64	18.00
		2437	6	16.98	18.00
802.11be HE40	52T+40	2412	3	16.00	17.00
		2437	6	16.47	17.00
802.11be HE40	106T+53	2412	3	16.11	17.00
		2437	6	16.84	17.00
802.11be HE40	106T+54	2412	3	17.27	18.00
		2437	6	17.21	18.00
802.11be HE40	106T+56	2412	3	16.89	18.00
		2437	6	16.67	18.00
802.11be HE40	242T+61	2412	3	16.37	17.00
		2437	6	16.71	18.00
802.11be HE40	242T+62	2412	3	16.63	18.00
		2437	6	16.44	17.00
802.11be HE40	26+52	2412	3	17.11	18.00
		2437	6	16.85	18.00
802.11be HE40	26+106	2412	3	16.73	18.00
		2437	6	17.04	18.00

(DS10)

WLAN2-4G Ant7					
Mode	Tones/R/ULIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	14.72	15.50
		2437	6	14.28	15.50
		2462	11	14.23	15.50
802.11g	NA	2412	1	14.29	15.00
		2437	6	13.87	15.00
		2462	11	14.05	15.00
802.11n HT20	NA	2412	1	13.94	15.00
		2437	6	14.06	15.00
		2462	11	14.06	15.00
802.11n HT40	NA	2422	3	13.73	15.00
		2437	6	13.76	15.00
		2452	9	13.80	15.00
802.11ax HE20	NA	2412	1	13.96	15.00
		2437	6	13.82	15.00
		2462	11	13.64	15.00
802.11ax HE40	NA	2422	3	13.71	15.00
		2437	6	13.72	15.00
		2452	9	14.30	15.00
802.11be EHT20	NA	2412	1	13.99	15.00
		2437	6	13.52	15.00
		2462	11	13.59	15.00
802.11be EHT40	NA	2422	3	13.71	15.00
		2437	6	13.64	15.00
		2452	9	13.73	15.00
802.11ax HE20	26	2412	1	17.06	18.00
		2437	6	16.28	17.00
		2462	11	16.93	18.00
802.11ax HE40	52	2412	1	17.01	18.00
		2437	6	16.62	17.00
		2462	11	17.02	18.00
802.11ax HE20	106	2412	1	16.66	18.00
		2437	6	17.23	18.00
		2462	11	17.23	18.00
802.11be HE20	26T+0	2412	1	17.41	17.00
		2437	6	15.33	16.00
		2462	11	15.58	17.00
802.11be HE20	26T+4	2412	1	15.38	16.00
		2437	6	15.41	16.00
		2462	11	15.75	17.00
802.11be HE20	26T+8	2412	1	15.35	16.00
		2437	6	15.36	16.00
		2462	11	17.18	18.00
802.11be HE20	52T+37	2412	1	17.67	19.00
		2437	6	17.38	18.00
		2462	11	17.72	19.00
802.11be HE20	52T+38	2412	1	17.15	18.00
		2437	6	16.92	18.00
		2462	11	17.13	18.00
802.11be HE20	52T+40	2412	1	16.25	17.00
		2437	6	17.05	18.00
		2462	11	17.21	18.00
802.11be HE20	106T+53	2412	1	17.22	18.00
		2437	6	16.96	18.00
		2462	11	17.23	18.00
802.11be HE20	106T+54	2412	1	16.73	18.00
		2437	6	16.66	18.00
		2462	11	16.66	18.00
802.11be HE20	26+52	2412	1	16.84	18.00
		2437	6	17.26	18.00
		2462	11	16.56	18.00
802.11be HE20	26+106	2412	1	17.14	18.00
		2437	6	16.71	18.00
		2462	11	17.19	18.00
802.11be HE40	26T+0	2422	3	17.09	18.00
		2437	6	17.12	18.00
		2452	9	17.46	18.00
802.11be HE40	26T+8	2422	3	17.05	18.00
		2437	6	17.03	18.00
		2452	9	16.93	18.00
802.11be HE40	26T+17	2422	3	16.87	18.00
		2437	6	17.15	18.00
		2452	9	17.22	18.00
802.11be HE40	52T+37	2422	3	17.37	18.00
		2437	6	17.35	18.00
		2452	9	17.68	19.00
802.11be HE40	52T+40	2422	3	16.78	18.00
		2437	6	16.80	18.00
		2452	9	16.77	18.00
802.11be HE40	52T+44	2422	3	17.32	18.00
		2437	6	17.27	18.00
		2452	9	17.29	18.00
802.11be HE40	106T+53	2422	3	16.79	18.00
		2437	6	16.91	18.00
		2452	9	17.17	18.00
802.11be HE40	106T+54	2422	3	16.67	18.00
		2437	6	16.55	18.00
		2452	9	16.80	18.00
802.11be HE40	106T+56	2422	3	17.18	18.00
		2437	6	16.90	18.00
		2452	9	16.90	18.00
802.11be HE40	242T+61	2422	3	17.18	18.00
		2437	6	17.03	18.00
		2452	9	17.22	18.00
802.11be HE40	242T+62	2422	3	17.13	18.00
		2437	6	16.88	18.00
		2452	9	16.99	18.00
802.11be HE40	26+52	2422	3	17.37	18.00
		2437	6	17.37	18.00
		2452	9	16.48	17.00
802.11be HE40	26+106	2422	3	17.11	18.00
		2437	6	17.59	18.00
		2452	9	17.32	18.00

(DS10)

WLANS 2G Ant6					
Mode	Tones/R/Idx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5180	36	15.19	16.00
		5200	40	14.30	15.00
		5240	48	15.31	16.00
802.11n HT20	NA	5180	36	15.95	17.00
		5200	40	15.57	17.00
		5240	48	15.84	17.00
802.11n HT40	NA	5190	38	15.82	17.00
		5230	46	15.84	17.00
		5190	36	15.43	16.00
802.11ac VHT20	NA	5200	40	14.85	16.00
		5240	48	14.91	16.00
		5190	38	15.80	17.50
802.11ac VHT40	NA	5200	40	15.96	17.00
		5240	48	15.86	17.00
		5190	38	15.89	17.00
802.11ac VHT80	NA	5210	42	15.86	17.00
		5250	50	15.18	16.00
		5180	36	15.68	17.00
802.11ax HE20	NA	5200	40	15.37	16.00
		5240	48	15.86	17.00
		5190	38	15.69	17.00
802.11ax HE40	NA	5190	38	15.69	17.00
		5230	46	15.73	17.00
		5210	42	15.89	17.00
802.11ax HE80	NA	5210	42	15.89	17.00
		5250	50	15.65	17.00
		5180	36	15.79	17.00
802.11be EHT20	NA	5200	40	15.98	17.00
		5240	48	14.77	16.00
		5190	38	15.29	16.00
802.11be EHT40	NA	5230	46	15.81	17.00
		5210	42	15.31	16.00
		5250	50	15.67	17.00
802.11be EHT80	NA	5180	36	7.23	8.00
		5200	40	7.01	8.00
		5240	48	7.16	8.00
802.11be HE20	26T 0	5180	36	7.48	8.00
		5200	40	6.74	8.00
		5240	48	6.87	8.00
802.11be HE20	26T 4	5190	36	6.76	8.00
		5200	40	6.74	8.00
		5240	48	6.91	8.00
802.11be HE20	26T 8	5180	36	6.91	8.00
		5200	40	10.25	11.00
		5240	48	10.01	11.00
802.11be HE20	52T 37	5180	36	9.99	11.00
		5200	40	10.04	11.00
		5240	48	9.62	11.00
802.11be HE20	52T 38	5180	36	9.78	11.00
		5200	40	9.80	11.00
		5240	48	9.79	11.00
802.11be HE20	52T 40	5180	36	13.06	14.00
		5200	40	12.80	14.00
		5240	48	13.14	14.00
802.11be HE20	106T 53	5180	36	12.56	14.00
		5200	40	12.19	14.00
		5240	48	12.86	14.00
802.11be HE20	106T 54	5180	36	6.81	8.00
		5200	40	5.95	7.00
		5240	48	6.82	8.00
802.11be EHT20	26	5180	36	9.50	11.00
		5200	40	8.32	9.00
		5240	48	9.03	10.00
802.11be EHT20	52	5180	36	11.26	12.00
		5200	40	12.34	13.00
		5240	48	11.49	12.00
802.11be EHT20	106	5180	36	11.04	12.00
		5200	40	13.48	14.00
		5240	48	11.82	13.00
802.11be HE20	26+52	5180	36	12.85	14.00
		5200	40	10.18	11.00
		5240	48	12.72	14.00
802.11be HE40	26T 0	5190	38	7.37	8.00
		5230	46	7.27	8.00
		5190	36	7.06	8.00
802.11be HE40	26T 8	5230	46	7.06	8.00
		5190	38	7.15	8.00
		5230	46	7.13	8.00
802.11be HE40	26T 17	5190	38	10.27	11.00
		5230	46	10.16	11.00
		5190	36	9.53	11.00
802.11be HE40	52T 37	5230	46	9.81	11.00
		5190	38	9.57	11.00
		5230	46	9.57	11.00
802.11be HE40	52T 44	5230	46	10.16	11.00
		5190	38	9.87	11.00
		5230	46	12.72	14.00
802.11be HE40	106T 53	5230	46	12.81	14.00
		5190	38	13.51	15.00
		5230	46	13.48	14.00
802.11be HE40	106T 54	5190	38	12.74	14.00
		5230	46	12.65	14.00
		5190	36	15.90	17.00
802.11be HE40	106T 56	5230	46	15.90	17.00
		5190	38	15.87	17.00
		5230	46	15.87	17.00
802.11be HE40	242T 61	5190	38	15.90	17.00
		5230	46	15.93	17.00
		5190	36	12.64	14.00
802.11be HE40	242T 62	5230	46	15.93	17.00
		5190	38	15.93	17.00
		5230	46	12.11	13.00
802.11be HE40	26+52	5230	46	12.11	13.00
		5190	38	6.87	8.00
		26T 0	6.82	8.00	
802.11be HE40	26+106	26T 16	6.80	8.00	
		26T 36	9.98	11.00	
		52T 37	9.93	11.00	
802.11be HE80	52T 52	5230	46	10.96	11.00
		106T 53	13.28	14.00	
		106T 56	13.23	14.00	
802.11be HE80	52T 53	106T 59	13.24	14.00	
		242T 61	14.37	15.00	
		242T 62	14.23	15.00	
802.11be HE80	52T 54	242T 64	14.96	16.00	
		484T 65	15.20	16.00	
		484T 66	15.29	16.00	
802.11be HE80	52T 55	26+52	11.99	13.00	
		242+484	15.80	17.00	
		242+484	15.72	17.00	
802.11be HE80	52T 56	26T L	8.15	9.00	
		26TM	8.69	10.00	
		26T H	7.83	9.00	
802.11be HE80	52T 57	52T L	9.76	11.00	
		52T M	10.81	12.00	
		52T H	9.74	11.00	
802.11be HE80	52T 58	106T L	14.20	15.00	
		106TM	14.20	15.00	
		106T H	13.18	14.00	
802.11be HE80	52T 59	242T L	15.04	16.00	
		242T M	15.72	17.00	
		242T H	15.21	16.00	
802.11be HE80	52T 60	484T L	16.10	17.00	
		484T M	15.94	17.00	
		484T H	15.19	16.00	
802.11be HE80	52T 61	996T L	15.97	17.00	
		996T H	15.63	17.00	
		484+996	15.92	17.00	
802.11be HE80	52T 62	242+484+996	13.98	15.00	
		484+996	15.21	16.00	

(DS10)

WLANS 2G Ant7						
Mode	Tones/R/Idx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit	
802.11a	NA	5180	36	15.69	17.00	
		5200	40	15.46	16.00	
		5240	48	15.57	17.00	
802.11n HT20	NA	5180	36	16.13	17.00	
		5200	40	16.06	17.00	
		5240	48	16.00	17.00	
802.11n HT40	NA	5190	38	16.35	17.00	
		5230	46	16.25	17.00	
		5190	36	16.13	17.00	
802.11ac VHT20	NA	5200	40	16.57	18.00	
		5240	48	16.44	17.00	
		5190	38	16.29	18.00	
802.11ac VHT40	NA	5210	42	16.18	17.00	
		5250	50	15.35	16.00	
		5180	36	16.13	17.00	
802.11ac VHT80	NA	5210	42	16.18	17.00	
		5250	50	15.35	16.00	
		5180	36	16.13	17.00	
802.11ax HE20	NA	5200	40	16.04	17.00	
		5240	48	16.00	17.00	
		5190	38	16.26	17.00	
802.11ax HE40	NA	5230	46	16.16	17.00	
		5210	42	16.18	17.00	
		5190	36	7.108	8.00	
802.11ax HE80	NA	5210	42	16.18	17.00	
		5250	50	16.36	17.00	
		5180	36	16.13	17.00	
802.11be EHT20	NA	5200	40	16.10	17.00	
		5240	48	16.00	17.00	
		5190	38	16.18	17.00	
802.11be EHT40	NA	5230	46	16.07	17.00	
		5210	42	16.22	17.00	
		5250	50	16.36	17.00	
802.11be EHT80	NA	5210	42	16.22	17.00	
		5250	50	16.36	17.00	
		5180	36	7.57	8.00	
802.11be HE20	26T 0	5200	40	7.49	8.00	
		5240	48	7.45	8.00	
		5180	36	7.108	8.00	
802.11be HE20	26T 4	5200	40	7.10	8.00	
		5240	48	7.04	8.00	
		5190	36	7.39	8.00	
802.11be HE20	26T 8	5200	40	7.34	8.00	
		5240	48	7.44	8.00	
		5180	36	10.47	11.00	
802.11be HE20	52T 37	5200	40	10.40	11.00	
		5240	48	10.22	12.00	
		5180	36	10.05	11.00	
802.11be HE20	52T 38	5200	40	9.96	11.00	
		5240	48	10.31	11.00	
		5180	36	10.24	11.00	
802.11be HE20	106T 53	5210	42	8.17	10.00	
		5240	48	10.31	11.00	
		5180	36	13.18	14.00	
802.11be HE20	106T 54	5200	40	13.08	14.00	
		5240	48	13.24	14.00	
		5180	36	13.02	14.00	
802.11be HE20	26	5200	40	12.84	14.00	
		5240	48	13.08	14.00	
		5180	36	7.102	8.00	
802.11be EHT20	26	5200	40	6.38	7.00	
		5240	48	6.01	7.00	
		5180	36	9.78	11.00	
802.11be EHT20	52	5200	40	9.22	10.00	
		5240	48	9.94	11.00	
		5180	36	11.42	12.00	
802.11be EHT20	106	5200	40	11.45	12.00	
		5240	48	11.48	14.00	
		5180	36	10.81	12.00	
802.11be HE20	26+52	5180	36	10.89	12.00	
		26+106	5200	40	13.21	14.00
		26+52	5200	40	11.48	12.00
802.11be HE20	26+106	5180	36	13.18	14.00	
		26+52	5200	40	10.81	12.00
		26+106	5200	40	13.40	14.00
802.11be HE40	26T 0	5190	38	7.76	9.00	
		5190	36	7.58	8.00	
		5230	46	7.08	8.00	
802.11be HE40	26T 8	5190	38	6.85	8.00	
		5230	46	6.85	8.00	
		5190	36	7.21	8.00	
802.11be HE40	52T 37	5230	46	7.35	8.00	
		5230	46	10.36	11.00	
		5190	38	10.12	11.00	
802.11be HE40	52T 44	5230	46	10.37	11.00	
		5190	38	10.19	11.00	
		5230	46	10.17	11.00	
802.11be HE40	106T 53	5190	38	13.25	14.00	
		5230	46	13.43	14.00	
		5190	38	13.00	14.00	
802.11be HE40	106T 54	5230	46	12.96	14.00	
		5190	38	12.63	14.00	
		5230	46	13.12	14.00	
802.11be HE40	242T 61	5190	38	15.65	17.00	
		5230	46	15.67	17.00	
		5210	42	15.49	16.00	
802.11be HE40	242T 62	5190	38	15.49	16.00	
		5230	46	15.39	16.00	
		5190	38	11.26	12.00	
802.11be HE40	26+52	5190	38	13.04	14.00	
		26+106	5230	46	13.14	12.00
		26+52	5230	46	13.13	14.00
802.11be HE40	26T 0	5200	40	6.94	8.00	
		26T 36	5200	40	6.78	8.00
		26T 37	5200	40	6.66	8.00
802.11be HE40	52T 44	5200	40	9.85	11.00	
		527	52	10.36	11.00	
		527	52	9.23	10.00	
802.11be HE80	106T 53	5210	42	14.63	15.00	
		527	52	14.62	15.00	
		106T 60	5210	42	13.66	15.00
802.11be HE80	262+484	5210	42	14.73	16.00	
		262T 62	5210	42	14.69	16.00
		262T 64	5210	42	15.25	16.00
802.11be HE80	262+484	5210	42	15.01	17.00	
		262T 66	5210	42	15.31	16.00
		262T 68	5210	42	15.33	12.00
802.11be HE80	262+484+996	5210	42	16.18	18.00	
		262T 68	5210	42	15.37	16.00
		26T L	5210	42	7.81	9.00
802.11be HE160	26T M	5210	42	9.61	9.00	
		26T H	5210	42	7.36	8.00
		52T L	5210	42	9.17	10.00
802.11be HE160	106T M	5210	42	10.33	11.00	
		52T H	5210	42	9.62	11.00
		106T L	5210	42	14.41	15.00
802.11be HE160	106T M	5250	50	13.87	15.00	
		242T L	5250	50	13.30	14.00
		484T L	5250	50	15.54	17.00
802.11be HE160	262+484	5250	50	16.34	18.00	
		484T M	5250	50	15.45	16.00
		484T H	5250	50	15.45	16.00
802.11be HE160	996T L	5250	50	15.85	17.00	
		996T H	5250	50	15.43	16.00
		484+996	5250	50	15.55	17.00
802.11be HE160	262+484+996	5250	50	16.76	17.00	
		484+996	5250	50	15.07	17.00
		484+996	5250	50	15.17	17.00

(DS10)

WLAN.3G Ant6					
Mode	Tones/ R/Unidx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5260	52	15.30	16.00
		5300	60	14.45	15.00
		5320	64	15.38	16.00
802.11n HT20	NA	5260	52	15.85	17.00
		5300	60	16.38	17.00
		5320	64	15.06	16.00
802.11n HT40	NA	5270	54	16.14	17.00
		5310	62	15.53	17.00
		5350	62	15.87	17.00
802.11ac VHT20	NA	5300	60	15.89	17.00
		5320	64	15.76	17.00
		5270	54	15.82	17.00
802.11ac VHT40	NA	5310	62	15.91	17.00
		5290	58	15.50	17.00
		5260	52	15.17	16.00
802.11ax HE20	NA	5300	60	15.36	16.00
		5320	64	15.37	16.00
		5270	54	15.27	16.00
802.11ax HE80	NA	5310	62	16.27	17.00
		5290	58	16.36	18.00
		5260	52	16.13	17.00
802.11be EHT20	NA	5300	60	15.83	17.00
		5320	64	16.12	17.00
		5270	54	15.92	17.00
802.11be EHT40	NA	5310	62	16.41	17.00
		5290	58	15.54	17.00
		5260	52	7.74	9.00
802.11ax HE20	26	5300	60	8.65	8.00
		5320	64	7.42	8.00
		5260	52	8.75	10.00
802.11ax HE20	52	5300	60	8.76	10.00
		5320	64	9.72	11.00
		5260	52	12.36	13.00
802.11ax HE20	106	5300	60	11.77	13.00
		5320	64	13.09	14.00
		5260	52	8.50	10.00
802.11be HE20	26T 0	5300	60	8.56	10.00
		5320	64	8.50	10.00
		5260	52	8.07	9.00
802.11be HE20	26T 4	5300	60	8.46	9.00
		5320	64	7.42	9.00
		5260	52	8.29	9.00
802.11be HE20	26T 8	5300	60	8.27	9.00
		5320	64	8.91	9.00
		5260	52	11.71	13.00
802.11be HE20	52T 37	5300	60	11.89	13.00
		5320	64	11.78	13.00
		5260	52	11.03	13.00
802.11be HE20	52T 38	5300	60	11.53	13.00
		5320	64	11.68	13.00
		5260	52	11.29	12.00
802.11be HE20	52T 40	5300	60	11.47	12.00
		5320	64	10.51	12.00
		5260	52	14.28	15.00
802.11be HE20	106T 53	5300	60	14.71	16.00
		5320	64	14.48	15.00
		5260	52	14.05	15.00
802.11be HE20	106T 54	5300	60	14.18	15.00
		5320	64	14.07	15.00
		26+52	52	14.84	16.00
802.11be HE20	26+52	5300	60	13.18	14.00
		26+106	52	14.30	15.00
		26+106	52	13.38	14.00
802.11be HE20	26T 0	5270	54	9.54	11.00
		5310	62	9.86	11.00
		5270	54	9.96	10.00
802.11be HE40	26T 8	5310	62	9.27	10.00
		5270	54	9.79	11.00
		5310	62	9.83	11.00
802.11be HE40	52T 37	5270	54	13.03	14.00
		5310	62	13.34	14.00
		5270	54	12.86	14.00
802.11be HE40	52T 40	5310	62	13.11	14.00
		5270	54	13.22	14.00
		5310	62	13.39	14.00
802.11be HE40	52T 44	5270	54	15.13	16.00
		5310	62	15.39	16.00
		5270	54	15.12	16.00
802.11be HE40	106T 53	5270	54	15.42	16.00
		5310	62	15.39	16.00
		5270	54	15.93	17.00
802.11be HE40	106T 54	5270	54	15.93	17.00
		5310	62	15.82	17.00
		5270	54	15.42	16.00
802.11be HE40	106T 56	5270	54	15.93	17.00
		5310	62	15.82	17.00
		5270	54	15.42	16.00
802.11be HE40	242T 61	5270	54	15.42	16.00
		5310	62	15.60	17.00
		5270	54	15.45	16.00
802.11be HE40	242T 62	5270	54	15.45	16.00
		5310	62	15.60	17.00
		5270	54	15.45	16.00
802.11be HE40	26+52	5270	54	13.84	16.00
		26+106	52	14.83	16.00
		26+52	52	14.67	16.00
802.11be HE40	26+106	5310	62	15.47	16.00
		26+106	52	15.47	16.00
		26T 0	52	10.33	11.00
802.11be HE80	5290 58	5260	52	10.53	12.00
		5270	54	10.61	12.00
		5270	54	13.60	15.00
802.11be HE80	106T 53	5270	54	13.00	14.00
		5270	54	13.81	15.00
		106T 53	52	15.16	16.00
802.11be HE80	106T 56	5270	54	15.24	16.00
		106T 56	52	15.44	16.00
		106T 60	52	14.68	16.00
802.11be HE80	242T 61	5270	54	15.03	17.00
		242T 61	52	14.79	16.00
		242T 64	52	14.79	16.00
802.11be HE80	242+484	5290	58	15.39	17.00
		242+484	52	15.98	17.00
		242+484	52	14.06	15.00
802.11be HE80	242+484	5290	58	15.64	17.00
		242+484	52	15.53	17.00
		242+484	52	15.53	17.00

(DS10)

WLAN.3G Ant7					
Mode	Tones/R/Unidx	Frequency (MHz)	Channel	Average power (mW)	Time-Up Limit
802.11a	NA	5260	52	15.79	17.00
		5300	60	15.46	16.00
		5320	64	15.43	16.00
802.11n HT20	NA	5260	52	15.52	17.00
		5300	60	15.96	17.00
		5320	64	15.79	17.00
802.11n HT40	NA	5270	54	16.09	17.00
		5310	62	16.09	17.00
		5290	52	15.62	17.00
802.11ac VHT20	NA	5300	60	15.96	17.00
		5320	64	15.77	17.00
		5270	54	16.12	17.00
802.11ac VHT40	NA	5310	62	16.12	17.00
		5290	58	16.12	17.00
		5260	58	15.73	17.50
802.11ax HE20	NA	5260	52	15.99	17.00
		5300	60	15.95	17.00
		5320	64	15.98	17.00
802.11ax HE40	NA	5270	54	16.01	17.00
		5310	62	16.12	17.00
		5290	58	16.29	18.00
802.11ax HE80	NA	5260	52	15.95	17.00
		5300	60	16.01	17.00
		5320	64	15.87	17.00
802.11be EHT20	NA	5270	54	16.09	17.00
		5310	62	16.12	17.00
		5290	58	16.18	17.00
802.11be EHT80	NA	5290	58	16.18	17.00
		5260	52	7.00	8.00
		5300	60	8.23	7.00
802.11ax HE20	26	5300	60	8.23	7.00
		5320	64	8.74	7.00
		5260	52	9.89	11.00
802.11ax HE20	52	5300	60	9.33	10.00
		5320	64	9.55	10.00
		5260	52	12.53	14.00
802.11ax HE20	106	5300	60	12.27	13.00
		5320	64	13.43	14.00
		5260	52	8.50	10.00
802.11be HE20	26T 0	5300	60	7.87	8.00
		5320	64	8.79	10.00
		5260	52	8.37	9.00
802.11be HE20	26T 4	5300	60	8.33	9.00
		5320	64	8.36	9.00
		5260	52	8.90	11.00
802.11ax HE20	52	5300	60	9.33	10.00
		5320	64	9.55	10.00
		5260	52	12.53	14.00
802.11ax HE20	106	5300	60	12.27	13.00
		5320	64	13.43	14.00
		5260	52	8.50	10.00
802.11be HE20	26T 0	5300	60	7.87	8.00
		5320	64	8.79	10.00
		5260	52	8.37	9.00
802.11be HE20	26T 4	5300	60	8.33	9.00
		5320	64	8.36	9.00
		5260	52	8.90	11.00
802.11be HE20	26T 8	5300	60	8.80	10.00
		5320	64	8.75	10.00
		5260	52	10.98	12.00
802.11be HE20	52T 37	5300	60	11.82	13.00
		5320	64	11.49	12.00
		5260	52	14.03	15.00
802.11be HE20	52T 38	5300	60	11.43	12.00
		5320	64	10.37	11.00
		5260	52	11.67	13.00
802.11be HE20	52T 40	5300	60	11.61	13.00
		5320	64	10.42	11.00
		5260	52	14.37	15.00
802.11be HE20	106T 53	5300	60	14.14	15.00
		5320	64	14.01	15.00
		5260	52	14.24	15.00
802.11be HE20	106T 54	5300	60	14.04	15.00
		5320	64	13.91	15.00
		26+52	52	14.05	15.00
802.11be HE20	26+106	5260	52	15.53	17.00
		5300	60	15.00	16.00
		5320	64	15.71	17.00
802.11be HE20	26+106	5300	60	14.03	15.00
		5320	64	15.67	17.00
		5260	52	15.53	17.00
802.11be HE40	26T 0	5270	54	9.54	11.00
		5310	62	9.55	11.00
		5270	54	8.39	8.00
802.11be HE40	26T 8	5310	62	9.73	8.00
		5270	54	6.50	8.00
		5270	54	10.50	11.00
802.11be HE40	26T 17	5310	62	9.30	10.00
		5270	54	8.39	8.00
		5270	54	12.13	13.00
802.11be HE40	52T 37	5310	62	13.30	14.00
		5270	54	12.75	14.00
		5270	54	12.04	14.00
802.11be HE40	52T 40	5310	62	12.04	14.00
		5270	54	12.03	14.00
		5270	54	12.03	14.00
802.11be HE40	52T 44	5310	62	12.85	14.00
		5270	54	15.31	16.00
		5310	62	16.08	16.00
802.11be HE40	106T 53	5310	62	16.08	16.00
		5270	54	15.02	15.00
		5310	62	14.86	15.00
802.11be HE40	106T 54	5310	62	14.86	15.00
		5270	54	15.85	17.00
		5310	62	14.84	14.00
802.11be HE40	24ZT 61	5270	54	14.74	16.00
		5310	62	15.46	16.00
		5310	62	14.47	15.00
802.11be HE40	24ZT 62	5270	54	15.45	16.00
		5310	62	14.47	15.00
		5310	62	14.47	15.00
802.11be HE40	26+52	5270	54	14.39	15.00
		26+106	52	14.39	15.00
		26+52	52	14.81	16.00
802.11be HE40	26+106	5310	62	16.08	16.00
		26T 18	52	9.22	10.00
		26T 18	52	6.27	7.00
802.11be HE40	26T 36	26+106	52	9.19	10.00
		52T 37	54	13.39	14.00
		52T 44	54	13.42	14.00
802.11be HE80	52T 52	52T 52	52	13.08	14.00
		106T 53	52	15.69	17.00
		26+106	52	15.01	16.00
802.11be HE80	52T 58	106T 60	54	14.79	16.00
		24ZT 61	54	15.47	16.00
		24ZT 62	54	14.64	16.00
802.11be HE80	52T 64	24ZT 64	54	15.00	16.00
		484T 65	54	15.47	16.00
		484T 66	54	15.30	16.00
802.11be HE80	26+52	26+52	52	14.71	16.00
		52+26+54	52	15.75	17.00
		26+26+54	52	15.77	17.00

(DSB)

WLAN 40 Arst					
Male	Transmitter	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5180	1	18.00	12.00
		5200	2	18.00	12.00
		5220	3	18.00	12.00
802.11a-VHT20	NA	5300	4	18.00	17.00
		5320	5	18.00	17.00
		5340	6	18.00	17.00
802.11a-VHT40	NA	5400	7	18.00	17.00
		5420	8	18.00	17.00
		5440	9	18.00	17.00
802.11ac-VHT80	NA	5695	16	18.00	17.00
		5705	17	18.00	17.00
		5715	18	18.00	17.00
802.11ac-VHT160	NA	5745	19	18.00	17.00
		5755	20	18.00	17.00
		5765	21	18.00	17.00
802.11a-VHT20	NA	5800	22	18.00	17.00
		5820	23	18.00	17.00
		5840	24	18.00	17.00
802.11a-VHT40	NA	5900	25	18.00	17.00
		5920	26	18.00	17.00
		5940	27	18.00	17.00
802.11a-VHT20	NA	6000	28	18.00	17.00
		6020	29	18.00	17.00
		6040	30	18.00	17.00
802.11a-VHT40	NA	6100	31	18.00	17.00
		6120	32	18.00	17.00
		6140	33	18.00	17.00
802.11a-VHT20	NA	6200	34	18.00	17.00
		6220	35	18.00	17.00
		6240	36	18.00	17.00
802.11a-VHT40	NA	6300	37	18.00	17.00
		6320	38	18.00	17.00
		6340	39	18.00	17.00
802.11a-VHT20	NA	6400	40	18.00	17.00
		6420	41	18.00	17.00
		6440	42	18.00	17.00
802.11a-VHT40	NA	6500	43	18.00	17.00
		6520	44	18.00	17.00
		6540	45	18.00	17.00
802.11a-VHT20	NA	6600	46	18.00	17.00
		6620	47	18.00	17.00
		6640	48	18.00	17.00
802.11a-VHT40	NA	6700	49	18.00	17.00
		6720	50	18.00	17.00
		6740	51	18.00	17.00
802.11a-VHT20	NA	6800	52	18.00	17.00
		6820	53	18.00	17.00
		6840	54	18.00	17.00
802.11a-VHT40	NA	6900	55	18.00	17.00
		6920	56	18.00	17.00
		6940	57	18.00	17.00
802.11a-VHT20	NA	7000	58	18.00	17.00
		7020	59	18.00	17.00
		7040	60	18.00	17.00
802.11a-VHT40	NA	7100	61	18.00	17.00
		7120	62	18.00	17.00
		7140	63	18.00	17.00
802.11a-VHT20	NA	7200	64	18.00	17.00
		7220	65	18.00	17.00
		7240	66	18.00	17.00
802.11a-VHT40	NA	7300	67	18.00	17.00
		7320	68	18.00	17.00
		7340	69	18.00	17.00
802.11a-VHT20	NA	7400	70	18.00	17.00
		7420	71	18.00	17.00
		7440	72	18.00	17.00
802.11a-VHT40	NA	7500	73	18.00	17.00
		7520	74	18.00	17.00
		7540	75	18.00	17.00
802.11a-VHT20	NA	7600	76	18.00	17.00
		7620	77	18.00	17.00
		7640	78	18.00	17.00
802.11a-VHT40	NA	7700	79	18.00	17.00
		7720	80	18.00	17.00
		7740	81	18.00	17.00
802.11a-VHT20	NA	7800	82	18.00	17.00
		7820	83	18.00	17.00
		7840	84	18.00	17.00
802.11a-VHT40	NA	7900	85	18.00	17.00
		7920	86	18.00	17.00
		7940	87	18.00	17.00
802.11a-VHT20	NA	8000	88	18.00	17.00
		8020	89	18.00	17.00
		8040	90	18.00	17.00
802.11a-VHT40	NA	8100	91	18.00	17.00
		8120	92	18.00	17.00
		8140	93	18.00	17.00
802.11a-VHT20	NA	8200	94	18.00	17.00
		8220	95	18.00	17.00
		8240	96	18.00	17.00
802.11a-VHT40	NA	8300	97	18.00	17.00
		8320	98	18.00	17.00
		8340	99	18.00	17.00
802.11a-VHT20	NA	8400	100	18.00	17.00
		8420	101	18.00	17.00
		8440	102	18.00	17.00
802.11a-VHT40	NA	8500	103	18.00	17.00
		8520	104	18.00	17.00
		8540	105	18.00	17.00
802.11a-VHT20	NA	8600	106	18.00	17.00
		8620	107	18.00	17.00
		8640	108	18.00	17.00
802.11a-VHT40	NA	8700	109	18.00	17.00
		8720	110	18.00	17.00
		8740	111	18.00	17.00
802.11a-VHT20	NA	8800	112	18.00	17.00
		8820	113	18.00	17.00
		8840	114	18.00	17.00
802.11a-VHT40	NA	8900	115	18.00	17.00
		8920	116	18.00	17.00
		8940	117	18.00	17.00
802.11a-VHT20	NA	9000	118	18.00	17.00
		9020	119	18.00	17.00
		9040	120	18.00	17.00
802.11a-VHT40	NA	9100	121	18.00	17.00
		9120	122	18.00	17.00
		9140	123	18.00	17.00
802.11a-VHT20	NA	9200	124	18.00	17.00
		9220	125	18.00	17.00
		9240	126	18.00	17.00
802.11a-VHT40	NA	9300	127	18.00	17.00
		9320	128	18.00	17.00
		9340	129	18.00	17.00
802.11a-VHT20	NA	9400	130	18.00	17.00
		9420	131	18.00	17.00
		9440	132	18.00	17.00
802.11a-VHT40	NA	9500	133	18.00	17.00
		9520	134	18.00	17.00
		9540	135	18.00	17.00
802.11a-VHT20	NA	9600	136	18.00	17.00
		9620	137	18.00	17.00
		9640	138	18.00	17.00
802.11a-VHT40	NA	9700	139	18.00	17.00
		9720	140	18.00	17.00
		9740	141	18.00	17.00
802.11a-VHT20	NA	9800	142	18.00	17.00
		9820	143	18.00	17.00
		9840	144	18.00	17.00
802.11a-VHT40	NA	9900	145	18.00	17.00
		9920	146	18.00	17.00
		9940	147	18.00	17.00
802.11a-VHT20	NA	10000	148	18.00	17.00
		10020	149	18.00	17.00
		10040	150	18.00	17.00
802.11a-VHT40	NA	10100	151	18.00	17.00
		10120	152	18.00	17.00
		10140	153	18.00	17.00
802.11a-VHT20	NA	10200	154	18.00	17.00
		10220	155	18.00	17.00
		10240	156	18.00	17.00
802.11a-VHT40	NA	10300	157	18.00	17.00
		10320	158	18.00	17.00
		10340	159	18.00	17.00
802.11a-VHT20	NA	10400	160	18.00	17.00
		10420	161	18.00	17.00
		10440	162	18.00	17.00
802.11a-VHT40	NA	10500	163	18.00	17.00
		10520	164	18.00	17.00
		10540	165	18.00	17.00
802.11a-VHT20	NA	10600	166	18.00	17.00
		10620	167	18.00	17.00
		10640	168	18.00	17.00
802.11a-VHT40	NA	10700	169	18.00	17.00
		10720	170	18.00	17.00
		10740	171	18.00	17.00
802.11a-VHT20	NA	10800	172	18.00	17.00
		10820	173	18.00	17.00
		10840	174	18.00	17.00
802.11a-VHT40	NA	10900	175	18.00	17.00
		10920	176	18.00	17.00
		10940	177	18.00	17.00
802.11a-VHT20	NA	11000	178	18.00	17.00
		11020	179	18.00	17.00
		11040	180	18.00	17.00
802.11a-VHT40	NA	11100	181	18.00	17.00

(DS10)

WLAN.8G Ant6					
Mode	Tones/ R/Unidx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5745	149	15.30	16.00
	NA	5785	157	13.36	14.00
	NA	5825	165	13.26	14.00
802.11n HT20	NA	5745	149	15.79	17.00
	NA	5785	157	15.12	17.00
	NA	5825	165	15.74	17.00
802.11n HT40	NA	5755	151	16.07	18.00
	NA	5795	159	16.13	18.00
	NA	5745	149	15.20	17.00
802.11ac VHT20	NA	5785	157	16.00	17.00
	NA	5825	165	15.68	17.00
	NA	5755	151	16.58	17.00
802.11ac VHT40	NA	5795	159	15.80	17.00
	NA	5775	155	15.11	16.00
	NA	5745	149	14.96	16.00
802.11ax HE20	NA	5785	157	15.74	17.00
	NA	5825	165	15.15	16.00
	NA	5755	151	16.00	17.00
802.11ax HE80	NA	5795	159	15.81	17.00
	NA	5775	155	15.59	17.00
	NA	5745	149	15.84	17.00
802.11be EHT20	NA	5785	157	14.58	16.00
	NA	5825	165	15.78	17.00
	NA	5755	151	16.06	17.00
802.11be EHT40	NA	5795	159	14.85	16.00
	NA	5775	155	15.59	17.00
	NA	5745	149	15.76	17.00
802.11ax HE20	26	5785	157	15.07	16.00
	26	5825	165	15.86	17.00
	26	5745	149	15.06	16.00
802.11ax HE20	52	5785	157	15.71	17.50
	52	5825	165	15.21	16.00
	52	5745	149	14.85	16.00
802.11ax HE20	106	5785	157	13.73	15.00
	106	5825	165	13.61	17.00
	106	5745	149	13.69	17.00
802.11be HE20	26T 0	5785	157	14.23	15.00
	26T 0	5825	165	15.20	16.00
	26T 0	5745	149	15.25	16.00
802.11be HE20	26T 4	5785	157	14.67	16.00
	26T 4	5825	165	15.68	17.00
	26T 4	5745	149	15.54	17.00
802.11be HE20	26T 8	5785	157	14.24	15.00
	26T 8	5825	165	14.45	15.00
	26T 8	5745	149	14.45	15.00
802.11be HE20	52T 37	5785	157	15.30	16.00
	52T 37	5825	165	14.91	16.00
	52T 37	5745	149	14.66	16.00
802.11be HE20	52T 38	5785	157	14.89	16.00
	52T 38	5825	165	14.15	15.00
	52T 38	5745	149	15.80	17.00
802.11be HE20	52T 40	5785	157	14.46	16.00
	52T 40	5825	165	15.44	16.00
	52T 40	5745	149	15.77	17.00
802.11be HE20	106T 53	5785	157	14.80	16.00
	106T 53	5825	165	14.26	16.00
	106T 53	5745	149	15.96	17.00
802.11be HE20	106T 54	5785	157	15.18	16.00
	106T 54	5825	165	15.04	16.00
	106T 54	5745	149	15.86	17.00
802.11be HE20	26+52	5785	157	14.44	15.00
	26+52	5825	165	14.31	15.00
	26+52	5745	149	14.23	16.00
802.11be HE20	26+106	5785	157	13.91	15.00
	26+106	5825	165	15.90	17.00
	26+106	5745	149	14.89	16.00
802.11be HE40	26T 0	5795	159	15.89	17.00
	26T 0	5755	155	14.89	16.00
	26T 0	5785	159	14.84	16.00
802.11be HE40	26T 8	5795	159	15.34	16.00
	26T 8	5755	155	14.06	15.00
	26T 8	5785	159	15.90	17.00
802.11be HE40	52T 37	5795	159	14.56	16.00
	52T 37	5755	155	14.07	16.00
	52T 37	5785	159	15.90	17.00
802.11be HE40	52T 40	5795	159	14.86	16.00
	52T 40	5755	155	14.56	16.00
	52T 40	5785	159	13.87	15.00
802.11be HE40	106T 53	5795	159	15.41	16.00
	106T 53	5755	155	15.25	16.00
	106T 53	5785	159	14.34	15.00
802.11be HE40	106T 54	5795	159	14.73	16.00
	106T 54	5755	155	15.22	16.00
	106T 54	5785	159	15.26	16.00
802.11be HE40	242T 61	5795	159	15.26	16.00
	242T 61	5755	155	15.17	16.00
	242T 61	5785	159	15.28	16.00
802.11be HE40	242T 62	5795	159	14.94	16.00
	242T 62	5755	155	13.93	15.00
	242T 62	5785	159	14.71	16.00
802.11be HE40	26+52	5795	159	15.84	16.00
	26+52	5825	165	14.23	15.00
	26+52	5745	149	15.13	16.00
802.11be HE40	26+106	5795	159	15.84	16.00
	26+106	5825	165	14.81	16.00
	26+106	5745	149	14.67	16.00
802.11be HE40	26T 9	5795	159	15.38	16.00
	26T 9	5755	155	15.16	16.00
	26T 9	5785	159	15.16	16.00
802.11be HE40	26T 18	5795	159	14.84	16.00
	26T 18	5755	155	14.67	16.00
	26T 18	5785	159	15.24	16.00
802.11be HE40	26T 36	5795	159	14.96	16.00
	26T 36	5755	155	15.30	16.00
	26T 36	5785	159	15.24	16.00
802.11be HE40	52T 44	5795	159	15.18	16.00
	52T 44	5755	155	14.84	16.00
	52T 44	5785	159	15.03	16.00
802.11be HE80	106T 53	5775	155	15.03	16.00
	106T 53	5775	155	14.62	16.00
	106T 53	5775	155	14.89	16.00
802.11be HE80	106T 60	5775	155	14.89	16.00
	106T 60	5775	155	15.18	16.00
	106T 60	5775	155	15.24	16.00
802.11be HE80	242T 61	5775	155	15.24	16.00
	242T 61	5775	155	14.96	16.00
	242T 61	5775	155	14.96	16.00
802.11be HE80	484T 66	5775	155	15.30	16.00
	484T 66	5775	155	15.16	16.00
	484T 66	5775	155	14.75	16.00
802.11be HE80	26+52	5775	155	14.24	15.00
	26+52	5775	155	14.35	15.00
	26+52	5775	155	14.35	15.00

(DS10)

WLAN.8G Ant7					
Mode	Tones/R/Unidx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5745	149	15.06	16.00
	NA	5785	157	14.85	16.00
	NA	5825	165	14.87	16.00
802.11n HT20	NA	5745	149	15.43	16.00
	NA	5785	157	15.16	16.00
	NA	5825	165	15.22	16.00
802.11n HT40	NA	5755	151	16.13	18.00
	NA	5795	159	15.50	17.00
	NA	5745	149	15.37	17.00
802.11ac VHT20	NA	5785	157	15.24	16.00
	NA	5825	165	15.23	16.00
	NA	5755	151	15.27	17.00
802.11ac VHT40	NA	5795	159	15.37	17.00
	NA	5775	155	15.47	16.00
	NA	5745	149	15.27	17.00
802.11ac VHT80	NA	5775	155	15.47	16.00
	NA	5745	149	15.07	17.00
	NA	5785	157	15.27	16.00
802.11ax HE20	NA	5825	165	15.31	16.00
	NA	5755	151	15.66	17.00
	NA	5795	159	15.91	17.00
802.11ax HE80	NA	5775	155	15.82	17.00
	NA	5745	149	15.53	17.00
	NA	5785	157	15.82	17.00
802.11be EHT20	NA	5825	165	15.32	16.00
	NA	5755	151	15.51	17.00
	NA	5795	159	15.43	16.00
802.11be EHT40	NA	5775	155	15.53	17.00
	NA	5745	149	15.51	17.00
	NA	5785	157	15.87	16.00
802.11ax HE20	26	5785	157	14.87	16.00
	26	5825	165	14.30	15.00
	26	5745	149	15.64	17.00
802.11ax HE20	52	5785	157	15.05	16.00
	52	5825	165	15.21	17.00
	52	5745	149	15.14	16.00
802.11ax HE20	106	5785	157	14.36	16.00
	106	5825	165	15.06	16.00
	106	5745	149	15.10	16.00
802.11be HE20	26T 0	5785	157	14.86	16.00
	26T 0	5825	165	14.30	16.00
	26T 0	5745	149	14.65	16.00
802.11be HE20	26T 4	5785	157	15.01	15.00
	26T 4	5825	165	14.51	16.00
	26T 4	5745	149	15.01	16.00
802.11be HE20	26T 8	5785	157	14.81	16.00
	26T 8	5825	165	14.20	15.00
	26T 8	5745	149	15.10	16.00
802.11be HE20	52T 37	5785	157	14.95	16.00
	52T 37	5825	165	14.84	16.00
	52T 37	5745	149	14.79	16.00
802.11be HE20	52T 38	5785	157	14.58	16.00
	52T 38	5825	165	14.66	16.00
	52T 38	5745	149	15.10	16.00
802.11be HE20	52T 40	5785	157	14.46	16.00
	52T 40	5825	165	14.18	15.00
	52T 40	5745	149	14.77	16.00
802.11be HE20	106T 53	5785	157	14.54	16.00
	106T 53	5825	165	14.42	16.00
	106T 53	5745	149	14.76	16.00
802.11be HE20	106T 54	5785	159	14.38	15.00
	106T 54	5755	151	14.58	16.00
	106T 54	5795	159	14.36	16.00
802.11be HE20	106T 56	5785	159	14.38	15.00
	106T 56	5755	151	14.58	16.00
	106T 56	5795	159	14.36	16.00
802.11be HE20	24ZT 61	5785	159	14.84	16.00
	24ZT 62	5755	151	14.83	16.00
	24ZT 62	5795	159	14.23	15.00
802.11be HE40	26T 0	5785	157	15.07	16.00
	26T 0	5755	151	15.65	17.00
	26T 0	5795	159	14.38	15.00
802.11be HE40	26T 18	5785	157	14.01	15.00
	26T 36	5785	157	14.55	16.00
	26T 54	5785	157	14.58	17.00
802.11be HE80	52T 44	5785	157	15.00	16.00
	52T 52	5785	157	14.91	16.00
	106T 53	5775	155	16.02	17.00
802.11be HE80	106T 56			14.65	16.00
	24ZT 61			14.49	15.00
	24ZT 62			15.31	16.00
	24ZT 64			15.02	16.00
	484T 65			15.77	17.00
	484T 66			15.24	16.00
	26T 52			15.24	16.00
802.11be HE80	52ZT484	5775	155	15.51	16.00
	26ZT484			15.46	16.00
	26ZT484			15.46	16.00

(DSH1)

BT Ant6					
BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		10.00
		2440	19		10.00
		2480	39		9.00
		2404	1		10.00
BLE	2M	2440	19		11.00
		2478	38		9.00
		2402	0		4.00
		2440	19		5.00
BLE	S2	2480	39		4.00
		2402	0		4.00
		2440	19		5.00
		2480	39		4.00
BLE	S8	2402	0		4.00
		2440	19		5.00
		2480	39		4.00
		2402	0	20.36	21.00
BREDR	GFSK	2480	38		21.00
		2402	0	20.16	21.00
		2402	0		19.00
		2441	39		19.00
BREDR	DQPSK	2440	78		19.00
		2402	0		19.00
		2441	39		19.00
		2480	78		19.00
BREDR	BPSK	2441	39		19.00
		2480	78		18.00
		2402	0		18.00
		2441	39		18.00

(DSH1)

BT Ant7					
BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		9.00
		2440	19		10.00
		2480	39		9.00
		2404	1		9.00
BLE	2M	2440	19		10.00
		2478	38		9.00
		2402	0		4.00
		2440	19		5.00
BLE	S2	2480	39		4.00
		2402	0		4.00
		2440	19		5.00
		2480	39		4.00
BLE	S8	2402	0		4.00
		2440	19		5.00
		2480	39		4.00
		2402	0	16.07	19.00
BREDR	GFSK	2441	39		19.00
		2402	0	17.1	19.00
		2402	0		15.00
		2441	39		16.00
BREDR	DQPSK	2440	78		16.00
		2402	0		15.00
		2441	39		16.00
		2480	78		15.00
BREDR	BPSK	2441	39		16.00
		2480	78		15.00
		2402	0		15.00
		2441	39		16.00

(DSH1)

WLAN2.4G Ant6					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	13.07	16.00
		2437	6	14.86	16.00
		2462	11	14.89	16.00
802.11g	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11n HT20	NA	2412	1		15.00
		2437	6		16.00
		2462	11		15.00
802.11n HT40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE20	NA	2412	1		15.00
		2437	6		16.00
		2462	11		15.00
802.11ax HE40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11be EHT20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11be EHT40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE20	26	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	106	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+0	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+4	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+8	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+37	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+38	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+40	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+53	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+54	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26+52	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26+106	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE40	26T+0	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+8	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+17	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+37	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+40	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+44	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+53	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+54	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+56	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+61	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+62	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26+52	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26+106	2422	3		16.00
		2437	6		16.00
		2452	9		16.00

(DSH1)

WLAN2.4G Ant7					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	14.72	15.50
		2437	6	14.28	15.50
		2462	11	14.23	15.50
802.11g	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11n HT20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11n HT40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11be EHT20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11be EHT40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE20	26	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11ax HE20	52	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11ax HE20	106	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26T+0	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26T+4	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26T+8	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	52T+37	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	52T+38	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	52T+40	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	106T+33	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	106T+54	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26+52	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26+106	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE40	26T+0	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	26T+8	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	26T+17	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	52T+37	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	52T+40	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	52T+44	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	106T+33	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	106T+54	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	106T+56	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	242T+61	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	242T+62	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	26+52	2422	3		15.50
		2437	6		15.50
		2462	9		15.50
802.11be HE40	26+106	2422	3		15.50
		2437	6		15.50
		2462	9		15.50

(DSH1)

WLANS 2G Ant6						
Mode	Tones/R/UrIndex	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit	
802.11a	NA	5180	36		12.00	
		5200	40		12.00	
		5240	48		12.00	
802.11n HT20	NA	5180	36		12.00	
		5200	40		12.00	
		5240	48		12.00	
802.11n HT40	NA	5190	38		12.00	
		5230	46		12.00	
		5190	38		12.00	
802.11ac VHT20	NA	5200	40		12.00	
		5240	48		12.00	
		5190	38	10.64	12.00	
802.11ac VHT40	NA	5190	38		12.00	
		5230	46		12.00	
		5230	46		12.00	
802.11ac VHT80	NA	5210	42		12.00	
		5250	50		12.00	
		5180	36		12.00	
802.11ac VHT160	NA	5200	40		12.00	
		5240	48		12.00	
		5190	38		12.00	
802.11ax HE20	NA	5200	40		12.00	
		5240	48		12.00	
		5190	38		12.00	
802.11ax HE40	NA	5190	38		12.00	
		5230	46		12.00	
		5230	46		12.00	
802.11ax HE80	NA	5210	42		12.00	
		5250	50		12.00	
		5180	36		12.00	
802.11ax HE160	NA	5200	40		12.00	
		5240	48		12.00	
		5190	38		12.00	
802.11be EHT20	NA	5180	36		12.00	
		5200	40		12.00	
		5240	48		12.00	
802.11be EHT40	NA	5190	38		12.00	
		5230	46		12.00	
		5210	42		12.00	
802.11be EHT80	NA	5200	40		12.00	
		5240	48		12.00	
		5180	36		8.00	
802.11be EHT160	NA	5200	40		8.00	
		5240	48		8.00	
		5180	36		8.00	
802.11be HE20	26T 0	5200	40		8.00	
		5240	48		8.00	
		5180	36		8.00	
802.11be HE20	26T 4	5200	40		8.00	
		5240	48		8.00	
		5180	36		8.00	
802.11be HE20	26T 8	5200	40		8.00	
		5240	48		8.00	
		5180	36		8.00	
802.11be HE20	26T 16	5200	40		11.00	
		5240	48		11.00	
		5180	36		11.00	
802.11be HE20	106T 53	5200	40		12.00	
		5240	48		12.00	
		5180	36		12.00	
802.11be HE20	106T 54	5200	40		12.00	
		5240	48		12.00	
		5180	36		12.00	
802.11be EHT20	26	5200	40		7.00	
		5240	48		8.00	
		5180	36		11.00	
802.11be EHT20	52	5200	40		9.00	
		5240	48		10.00	
		5180	36		12.00	
802.11be EHT20	106	5200	40		12.00	
		5240	48		12.00	
		5180	36		12.00	
802.11be HE20	26+52	5180	36		12.00	
		26+106			12.00	
		26+52	5200	40		12.00
802.11be HE20	26+106	26+52			12.00	
		26+106	5200	40		12.00
		26+52	5240	48		11.00
802.11be HE40	26T 0	5190	38		8.00	
		5230	46		8.00	
		5190	38		8.00	
802.11be HE40	26T 8	5190	38		8.00	
		5230	46		8.00	
		5190	38		11.00	
802.11be HE40	52T 37	5190	38		11.00	
		5230	46		11.00	
		5190	38		11.00	
802.11be HE40	52T 44	5190	38		11.00	
		5230	46		11.00	
		5190	38		12.00	
802.11be HE40	106T 53	5190	38		12.00	
		5230	46		12.00	
		5190	38		12.00	
802.11be HE40	106T 54	5190	38		12.00	
		5230	46		12.00	
		5190	38		12.00	
802.11be HE40	106T 56	5190	38		12.00	
		5230	46		12.00	
		5190	38		12.00	
802.11be HE40	242T 61	5190	38		12.00	
		5230	46		12.00	
		5190	38		12.00	
802.11be HE40	242T 62	5190	38		12.00	
		5230	46		12.00	
		5190	38		12.00	
802.11be HE40	26+52	5190	38		12.00	
		26+106			12.00	
		26+52	5230	46		12.00
802.11be HE40	26+106	26+52			12.00	
		26+106	5230	46		12.00
		26+52	5230	46		12.00
802.11be HE40	26T 0	26T 0			8.00	
		26T 18			8.00	
		26T 36			8.00	
802.11be HE80	5210	42		11.00		
		527			11.00	
		527.53			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.56			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.61			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.62			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.64			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.65			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.66			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.67			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.68			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.69			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.70			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.71			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.72			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.73			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.74			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.75			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.76			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.77			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.78			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.79			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.80			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.81			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.82			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.83			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.84			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.85			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.86			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.87			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.88			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.89			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.90			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.91			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.92			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.93			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.94			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.95			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.96			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.97			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.98			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		527.99			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.00			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.01			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.02			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.03			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.04			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.05			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.06			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.07			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.08			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.09			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.10			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.11			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.12			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.13			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.14			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.15			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.16			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.17			12.00	
802.11be HE80	5210	42		12.00		
		527			12.00	
		528.18			12.00	
802.11be HE80	5210	42		12.00		

(DSH1)

WLAN5.3G Ant6					
Mode	Tones/ R/Unidx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11n HT20	NA	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11n HT40	NA	5270	54		13.00
		5310	62		13.00
		5350	70		13.00
802.11ac VHT20	NA	5300	60		13.00
		5320	64		13.00
		5270	54		13.00
802.11ac VHT40	NA	5310	62		13.00
		5290	58		13.00
		5330	66		13.00
802.11ac VHT80	NA	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11ax HE20	NA	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11ax HE80	NA	5290	58	11.10	13.00
		5300	60		13.00
		5320	64		13.00
802.11be EHT20	NA	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be EHT40	NA	5310	62		13.00
		5290	58		13.00
		5330	66		13.00
802.11be EHT80	NA	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11ax HE20	26	5260	52		9.00
		5300	60		8.00
		5320	64		8.00
802.11ax HE20	52	5260	52		10.00
		5300	60		10.00
		5320	64		11.00
802.11ax HE20	106	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE20	26T 0	5260	52		10.00
		5300	60		10.00
		5320	64		10.00
802.11be HE20	26T 4	5260	52		9.00
		5300	60		9.00
		5320	64		9.00
802.11be HE20	26T 8	5260	52		9.00
		5300	60		9.00
		5320	64		9.00
802.11be HE20	52T 37	5300	60		13.00
		5320	64		13.00
		5260	52		13.00
802.11be HE20	52T 38	5300	60		13.00
		5320	64		13.00
		5260	52		12.00
802.11be HE20	52T 40	5300	60		12.00
		5320	64		12.00
		5260	52		13.00
802.11be HE20	106T 53	5300	60		13.00
		5320	64		13.00
		5260	52		13.00
802.11be HE20	106T 54	5300	60		13.00
		5320	64		13.00
		5260	52		13.00
802.11be HE20	26+52 26+106	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE20	26+52 26+106	5300	60		13.00
		5320	64		13.00
		5260	52		13.00
802.11be HE40	26T 0	5270	54		11.00
		5310	62		11.00
		5290	58		10.00
802.11be HE40	26T 8	5270	54		10.00
		5310	62		10.00
		5290	58		10.00
802.11be HE40	26T 17	5270	54		11.00
		5310	62		11.00
		5290	58		11.00
802.11be HE40	52T 37	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	52T 40	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	52T 44	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	106T 53	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	106T 54	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	106T 56	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	242T 61	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	242T 62	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	26+52 26+106	5270	54		13.00
		5310	62		13.00
		5290	58		13.00
802.11be HE40	26+52 26+106	5310	62		13.00
		5290	58		13.00
		5330	66		13.00
802.11be HE80	26T 0	5260	52		11.00
		5300	60		12.00
		5320	64		12.00
802.11be HE80	26T 18	5260	52		12.00
		5300	60		12.00
		5320	64		13.00
802.11be HE80	52T 44	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	52T 52	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	106T 53	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	106T 56	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	106T 60	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	242T 61	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	242T 62	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	484T 65	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	484T 66	5260	52		13.00
		5300	60		13.00
		5320	64		13.00
802.11be HE80	26+52 242+484	5260	52		13.00
		5300	60		13.00
		5320	64		13.00

(DSH1)

WLAN5.3G Ant7					
Mode	Tones/R/Unidx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5260	52		14.00
		5300	60		14.00
		5320	64		14.00
802.11n HT20	NA	5260	52		14.00
		5300	60		14.00
		5320	64		14.00
802.11n HT40	NA	5270	54		14.00
		5310	62		14.00
		5350	70		14.00
802.11ac VHT20	NA	5300	60		14.00
		5320	64		14.00
		5270	54		14.00
802.11ac VHT40	NA	5310	62		14.00
		5290	58		14.00
		5330	66		14.00
802.11ac VHT80	NA	5260	52		14.00
		5300	60		14.00
		5320	64		14.00
802.11ax HE20	NA	5270	54		14.00
		5310	62		14.00
		5290	58	12.00	14.00
802.11ax HE80	NA	5290	58		14.00
		5300	60		14.00
		5320	64		14.00
802.11be EHT20	NA	5270	54		14.00
		5310	62		14.00
		5290	58		14.00
802.11be EHT40	NA	5310	62		14.00
		5290	58		14.00
		5330	66		14.00
802.11be EHT80	NA	5290	58		14.00
		5260	52		8.00
		5300	60		7.00
802.11ax HE20	26	5300	60		7.00
		5320	64		7.00
		5260	52		11.00
802.11ax HE20	52	5300	60		10.00
		5320	64		10.00
		5260	52		10.00
802.11ax HE20	106	5300	60		13.00
		5320	64		14.00
		5260	52		10.00
802.11be HE20	26T 0	5260	52		10.00
		5300	60		9.00
		5320	64		9.00
802.11be HE20	26T 4	5260	52		9.00
		5300	60		9.00
		5320	64		9.00
802.11be HE20	26T 8	5260	52		10.00
		5300	60		10.00
		5320	64		10.00
802.11be HE20	52T 37	5300	60		13.00
		5320	64		11.00
		5260	52		13.00
802.11be HE20	52T 40	5300	60		13.00
		5320	64		11.00
		5260	52		14.00
802.11be HE20	106T 53	5300	60		14.00
		5320	64		14.00
		5260	52		14.00
802.11be HE20	106T 54	5300	60		14.00
		5320	64		14.00
		5260	52		14.00
802.11be HE20	106T 55	5300	60		14.00
		5320	64		14.00
		5260	52		14.00
802.11be HE20	26+52	5300	60		14.00
		5320	64		14.00
		5260	52		14.00
802.11be HE20	26+106	5300	60		14.00
		5320	64		14.00
		5260	52		14.00
802.11be HE20	26+52	5300	60		14.00
		5320	64		14.00
		5260	52		14.00
802.11be HE20	26+106	5300	60		14.00
		5320	64		14.00
		5260	52		14.00
802.11be HE40	26T 0	5270	54	11.00	
		5310	62	11.00	
		5270	54	8.00	
802.11be HE40	26T 5	5310	62	8.00	
		5270	54	11.00	
		5310	62	11.00	
802.11be HE40	26T 17	5270	54	11.00	
		5310	62	11.00	
		5270	54	13.00	
802.11be HE40	52T 37	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	52T 40	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	52T 44	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	106T 53	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 54	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	106T 55	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	24ZT 61	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	24ZT 62	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26+52	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26+106	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26T 0	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26T 18	5270	54	7.00	
		5310	62	8.00	
		5270	54	14.00	
802.11be HE40	52T 37	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	52T 44	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 53	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 56	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	24ZT 64	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	24ZT 65	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	24ZT 66	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26+52	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	24ZT 68	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26+106	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26T 0	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26T 18	5270	54	7.00	
		5310	62	8.00	
		5270	54	14.00	
802.11be HE40	52T 37	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	52T 44	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 53	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 56	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	24ZT 61	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	24ZT 62	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26+52	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26+106	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26T 0	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26T 18	5270	54	7.00	
		5310	62	8.00	
		5270	54	14.00	
802.11be HE40	52T 37	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	52T 44	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 53	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 56	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	24ZT 61	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	24ZT 62	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26+52	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26+106	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26T 0	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26T 18	5270	54	7.00	
		5310	62	8.00	
		5270	54	14.00	
802.11be HE40	52T 37	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	52T 44	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 53	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 56	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	24ZT 61	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	24ZT 62	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26+52	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26+106	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26T 0	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26T 18	5270	54	7.00	
		5310	62	8.00	
		5270	54	14.00	
802.11be HE40	52T 37	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	52T 44	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 53	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	106T 56	5270	54	14.00	
		5310	62	14.00	
		5270	54	14.00	
802.11be HE40	24ZT 61	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	24ZT 62	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40	26+52	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26+106	5270	54	14.00	
		5310	62	14.00	
		26+106	54	14.00	
802.11be HE40	26T 0	5310	62	14.00	
		5270	54	14.00	
		5310	62	14.00	
802.11be HE40					

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WLAN-60 Area					
Male	Tower Reference	Frequency (MHz)	Channel	Average power (dBm)	Turn-Up Limit
802.11a	NA	5180	1	12.50	12.50
		5200	2	12.50	12.50
		5220	3	12.50	12.50
802.11a-WT20	NA	5240	4	12.50	12.50
		5260	5	12.50	12.50
		5280	6	12.50	12.50
802.11a-WT40	NA	5300	7	12.50	12.50
		5320	8	12.50	12.50
		5340	9	12.50	12.50
802.11ac-WT20	NA	5360	10	12.50	12.50
		5380	11	12.50	12.50
		5400	12	12.50	12.50
802.11ac-WT40	NA	5420	13	12.50	12.50
		5440	14	12.50	12.50
		5460	15	12.50	12.50
802.11ac-WT80	NA	5480	16	12.50	12.50
		5500	17	12.50	12.50
		5520	18	12.50	12.50
802.11ac-WT100	NA	5540	19	12.50	12.50
		5560	20	12.50	12.50
		5580	21	12.50	12.50
802.11ac-WT20	NA	5600	22	12.50	12.50
		5620	23	12.50	12.50
		5640	24	12.50	12.50
802.11ac-WT40	NA	5660	25	12.50	12.50
		5680	26	12.50	12.50
		5700	27	12.50	12.50
802.11ac-WT80	NA	5720	28	12.50	12.50
		5740	29	12.50	12.50
		5760	30	12.50	12.50
802.11ac-WT100	NA	5780	31	12.50	12.50
		5800	32	12.50	12.50
		5820	33	12.50	12.50
802.11ac-WT20	26	5840	34	12.50	12.50
		5860	35	12.50	12.50
		5880	36	12.50	12.50
802.11ac-WT40	32	5900	37	12.50	12.50
		5920	38	12.50	12.50
		5940	39	12.50	12.50
802.11ac-WT80	100	5960	40	12.50	12.50
		5980	41	12.50	12.50
		6000	42	12.50	12.50
802.11ac-WT100	207.5	6020	43	12.50	12.50
		6040	44	12.50	12.50
		6060	45	12.50	12.50
802.11ac-WT20	207.4	6080	46	12.50	12.50
		6100	47	12.50	12.50
		6120	48	12.50	12.50
802.11ac-WT40	207.9	6140	49	12.50	12.50
		6160	50	12.50	12.50
		6180	51	12.50	12.50
802.11ac-WT80	527.37	6200	52	12.50	12.50
		6220	53	12.50	12.50
		6240	54	12.50	12.50
802.11ac-WT100	527.38	6260	55	12.50	12.50
		6280	56	12.50	12.50
		6300	57	12.50	12.50
802.11ac-WT20	527.40	6320	58	12.50	12.50
		6340	59	12.50	12.50
		6360	60	12.50	12.50
802.11ac-WT40	1007.53	6380	61	12.50	12.50
		6400	62	12.50	12.50
		6420	63	12.50	12.50
802.11ac-WT80	1007.54	6440	64	12.50	12.50
		6460	65	12.50	12.50
		6480	66	12.50	12.50
802.11ac-WT100	261.02	6500	67	12.50	12.50
		6520	68	12.50	12.50
		6540	69	12.50	12.50
802.11ac-WT20	261.03	6560	70	12.50	12.50
		6580	71	12.50	12.50
		6600	72	12.50	12.50
802.11ac-WT40	207.5	6620	73	12.50	12.50
		6640	74	12.50	12.50
		6660	75	12.50	12.50
802.11ac-WT80	207.8	6680	76	12.50	12.50
		6700	77	12.50	12.50
		6720	78	12.50	12.50
802.11ac-WT100	207.17	6740	79	12.50	12.50
		6760	80	12.50	12.50
		6780	81	12.50	12.50
802.11ac-WT20	527.37	6800	82	12.50	12.50
		6820	83	12.50	12.50
		6840	84	12.50	12.50
802.11ac-WT40	527.40	6860	85	12.50	12.50
		6880	86	12.50	12.50
		6900	87	12.50	12.50
802.11ac-WT80	527.44	6920	88	12.50	12.50
		6940	89	12.50	12.50
		6960	90	12.50	12.50
802.11ac-WT100	1007.53	6980	91	12.50	12.50
		7000	92	12.50	12.50
		7020	93	12.50	12.50
802.11ac-WT20	1007.56	7040	94	12.50	12.50
		7060	95	12.50	12.50
		7080	96	12.50	12.50
802.11ac-WT40	1007.50	7100	97	12.50	12.50
		7120	98	12.50	12.50
		7140	99	12.50	12.50
802.11ac-WT80	2007.51	7160	100	12.50	12.50
		7180	101	12.50	12.50
		7200	102	12.50	12.50
802.11ac-WT100	2007.50	7220	103	12.50	12.50
		7240	104	12.50	12.50
		7260	105	12.50	12.50
802.11ac-WT20	5207.5	7280	106	12.50	12.50
		7300	107	12.50	12.50
		7320	108	12.50	12.50
802.11ac-WT40	5207.44	7340	109	12.50	12.50
		7360	110	12.50	12.50
		7380	111	12.50	12.50
802.11ac-WT80	5207.52	7400	112	12.50	12.50
		7420	113	12.50	12.50
		7440	114	12.50	12.50
802.11ac-WT100	1007.50	7460	115	12.50	12.50
		7480	116	12.50	12.50
		7500	117	12.50	12.50
802.11ac-WT20	2007.51	7520	118	12.50	12.50
		7540	119	12.50	12.50
		7560	120	12.50	12.50
802.11ac-WT40	2007.52	7580	121	12.50	12.50
		7600	122	12.50	12.50
		7620	123	12.50	12.50
802.11ac-WT80	4007.50	7640	124	12.50	12.50
		7660	125	12.50	12.50
		7680	126	12.50	12.50
802.11ac-WT100	4007.50	7700	127	12.50	12.50
		7720	128	12.50	12.50
		7740	129	12.50	12.50
802.11ac-WT20	5207.1	7760	130	12.50	12.50
		7780	131	12.50	12.50
		7800	132	12.50	12.50
802.11ac-WT40	5207.14	7820	133	12.50	12.50
		7840	134	12.50	12.50
		7860	135	12.50	12.50
802.11ac-WT80	5207.14	7880	136	12.50	12.50
		7900	137	12.50	12.50
		7920	138	12.50	12.50
802.11ac-WT100	5207.14	7940	139	12.50	12.50
		7960	140	12.50	12.50
		7980	141	12.50	12.50

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WLAN-60 Area					
Male	Tower Reference	Frequency (MHz)	Channel	Average power (dBm)	Turn-up Limit
802.11a	NA	5180	1	12.50	12.50
		5200	2	12.50	12.50
		5220	3	12.50	12.50
802.11a-WT20	NA	5240	4	12.50	12.50
		5260	5	12.50	12.50
		5280	6	12.50	12.50
802.11a-WT40	NA	5300	7	12.50	12.50
		5320	8	12.50	12.50
		5340	9	12.50	12.50
802.11ac-WT20	NA	5360	10	12.50	12.50
		5380	11	12.50	12.50
		5400	12	12.50	12.50
802.11ac-WT40	NA	5420	13	12.50	12.50
		5440	14	12.50	12.50
		5460	15	12.50	12.50
802.11ac-WT80	NA	5480	16	12.50	12.50
		5500	17	12.50	12.50
		5520	18	12.50	12.50
802.11ac-WT100	NA	5540	19	12.50	12.50
		5560	20	12.50	12.50
		5580	21	12.50	12.50
802.11ac-WT20	NA	5600	22	12.50	12.50
		5620	23	12.50	12.50
		5640	24	12.50	12.50
802.11ac-WT40	NA	5660	25	12.50	12.50
		5680	26	12.50	12.50
		5700	27	12.50	12.50
802.11ac-WT80	NA	5720	28	12.50	12.50
		5740	29	12.50	12.50
		5760	30	12.50	12.50
802.11ac-WT100	NA	5780	31	12.50	12.50
		5800	32	12.50	12.50
		5820	33	12.50	12.50
802.11ac-WT20	26	5840	34	12.50	12.50
		5860	35	12.50	12.50
		5880	36	12.50	12.50
802.11ac-WT40	32	5900	37	12.50	12.50
		5920	38	12.50	12.50
		5940	39	12.50	12.50
802.11ac-WT80	136	5960	40	12.50	12.50
		5980	41	12.50	12.50
		6000	42	12.50	12.50
802.11ac-WT20	207.0	6020	43	12.50	12.50
		6040	44	12.50	12.50
		6060	45	12.50	12.50
802.11ac-WT20	207.4	6080	46	12.50	12.50
		6100	47	12.50	12.50
		6120	48	12.50	12.50
802.11ac-WT20	207.8	6140	49	12.50	12.50
		6160	50	12.50	12.50
		6180	51	12.50	12.50
802.11ac-WT20	207.9	6200	52	12.50	12.50
		6220	53	12.50	12.50
		6240	54	12.50	12.50
802.11ac-WT20	227.27	6260	55	12.50	12.50
		6280	56	12.50	12.50
		6300	57	12.50	12.50
802.11ac-WT20	227.38	6320	58	12.50	12.50
		6340	59	12.50	12.50
		6360	60	12.50	12.50
802.11ac-WT20	227.40	6380	61	12.50	12.50
		6400	62	12.50	12.50
		6420	63	12.50	12.50
802.11ac-WT20	1007.83	6440	64	12.50	12.50
		6460	65	12.50	12.50
		6480	66	12.50	12.50
802.11ac-WT20	1007.84	6500	67	12.50	12.50
		6520	68	12.50	12.50
		6540	69	12.50	12.50
802.11ac-WT20	207.52	6560	70	12.50	12.50
		6580	71	12.50	12.50
		6600	72	12.50	12.50
802.11ac-WT20	207.58	6620	73	12.50	12.50
		6640	74	12.50	12.50
		6660	75	12.50	12.50
802.11ac-WT20	207.7	6680	76	12.50	12.50
		6700	77	12.50	12.50
		6720	78	12.50	12.50
802.11ac-WT20	207.8	6740	79	12.50	12.50
		6760	80	12.50	12.50
		6780	81	12.50	12.50
802.11ac-WT20	207.17	6800	82	12.50	12.50
		6820	83	12.50	12.50
		6840	84	12.50	12.50
802.11ac-WT20	227.27	6860	85	12.50	12.50
		6880	86	12.50	12.50
		6900	87	12.50	12.50
802.11ac-WT20	227.40	6920	88	12.50	12.50
		6940	89	12.50	12.50
		6960	90	12.50	12.50
802.11ac-WT20	227.44	6980	91	12.50	12.50
		7000	92	12.50	12.50
		7020	93	12.50	12.50
802.11ac-WT20	1007.83	7040	94	12.50	12.50
		7060	95	12.50	12.50
		7080	96	12.50	12.50
802.11ac-WT20	1007.84	7100	97	12.50	12.50
		7120	98	12.50	12.50
		7140	99	12.50	12.50
802.11ac-WT20	1007.86	7160	100	12.50	12.50
		7180	101	12.50	12.50
		7200	102	12.50	12.50
802.11ac-WT20	207.51	7220	103	12.50	12.50
		7240	104	12.50	12.50
		7260	105	12.50	12.50
802.11ac-WT20	207.62	7280	106	12.50	12.50
		7300	107	12.50	12.50
		7320	108	12.50	12.50
802.11ac-WT20	89-102	7340	109	12.50	12.50
		7360	110	12.50	12.50
		7380	111	12.50	12.50
802.11ac-WT20	89-103	7400	112	12.50	12.50
		7420	113	12.50	12.50
		7440	114	12.50	12.50
802.11ac-WT20	89-104	7460	115	12.50	12.50
		7480	116	12.50	12.50
		7500	117	12.50	12.50
802.11ac-WT20	89-105	7520	118	12.50	12.50
		7540	119	12.50	12.50
		7560	120	12.50	12.50
802.11ac-WT20	207.0	7580	121	12.50	12.50
		7600	122	12.50	12.50
		7620	123	12.50	12.50
802.11ac-WT20	207.18	7640	124	12.50	12.50
		7660	125	12.50	12.50
		7680	126	12.50	12.50
802.11ac-WT20	207.26	7700	127	12.50	12.50
		7720	128	12.50	12.50
		7740	129	12.50	12.50
802.11ac-WT20	227.27	7760	130	12.50	12.50
		7780	131	12.50	12.50
		7800	132	12.50	12.50
802.11ac-WT20	227.44	7820	133	12.50	12.50
		7840	134	12.50	12.50
		7860	135	12.50	12.50
802.11ac-WT20	227.52	7880	136	12.50	12.50
		7900	137	12.50	12.50
		7920	138	12.50	12.50
802.11ac-WT20	1007.83	7940	139	12.50	12.50
		7960	140	12.50	12.50
		7980	141	12.50	12.50
802.11ac-WT20	1007.84	8000	142	12.50	12.50
		8020	143	12.50	12.50
		8040	144	12.50	12.50
802.11ac-WT20	207.51	8060	145	12.50	12.50
		8080	146	12.50	12.50
		8100	147	12.50	12.50
802.11ac-WT20	207.62	8120	148	12.50	12.50
		8140	149	12.50	12.50
		8160	150	12.50	12.50
802.11ac-WT20	207.74	8180	151	12.50	12.50
		8200	152	12.50	12.50
		8220	153	12.50	12.50
802.11ac-WT20	207.81	8240	154	12.50	12.50
		8260	155	12.50	12.50
		8280	156	12.50	12.50
802.11ac-WT20	207.88	8300	157	12.50	12.50
		8320	158	12.50	12.50
		8340	159	12.50	12.50
802.11ac-WT20	207.95	8360	160	12.50	12.50
		8380	161	12.50	12.50
		8400	162	12.50	12.50
802.11ac-WT20	208.02	8420	163	12.50	12.50
		8440	164	12.50	12.50
		8460	165	12.50	12.50
802.11ac-WT20	208.09	8480	166	12.50	12.50
		8500	167	12.50	12.50
		8520	168	12.50	12.50
802.11ac-WT20	208.16	8540	169	12.50	12.50
		8560	170	12.50	12.50
		8580	171	12.50	12.50
802.11ac-WT20	208.23	8600	172	12.50	12.50
		8620	173	12.50	12.50
		8640	174	12.50	12.50
802.11ac-WT20	208.30	8660	175	12.50	12.50
		8680	176	12.50	12.50
		8700	177	12.50	12.50
802.11ac-WT20	208.37	8720	178	12.50	12.50
		8740	179	12.50	12.50
		8760	180	12.50	12.50
802.11ac-WT20	208.44	8780	181	12.50	12.50
		8800	182	12.50	12.50
		8820	183	12.50	12.50
802.11ac-WT20	208.51	8840	184	12.50	12.50
		8860	185	12.50	12.50
		8880	186	12.50	12.50
802.11ac-WT20	208.58	8900	187	12.50	12.50
		8920	188	12.50	12.50
		8940	189	12.50	12.50
802.11ac-WT20	208.65	8960	190	12.50	12.50
		8980	191	12.50	12.50
		9000	192	12.50	12.50
802.11ac-WT20	208.72	9020	193	12.50	12.50
		9040	194	12.50	12.50
		9060	195	12.50	12.50
802.11ac-WT20	208.79	9080	196	12.50	12.50
		9100	197	12.50	12.50
		9120	198	12.50	12.50
802.11ac-WT20	208.86	9140	199	12.50	12.50
		9160	200	12.50	12.50
		9180	201	12.50	12.50
802.11ac-WT20	208.93	9200	202	12.50	12.50
		9220	203	12.50	12.50
		9240	204	12.50	12.50
802.11ac-WT20	209.00	9260	205	12.50	12.50
		9280	206	12.50	12.50
		9300	207	12.50	12.50
802.11ac-WT20	209.07	9320	208	12.50	12.50
		9340	209	12.50	12.50
		9360	210	12.50	12.50
802.11ac-WT20	209.14	9380	211	12.50	12.50
		9400	212	12.50	12.50
		9420	213	12.50	12.50
802.11ac-WT20	209.21	9440	214	12.50	12.50
		9460	215	12.50	12.50
		9480	216	12.50	12.50
802.11ac-WT20	209.28	9500	217	12.50	12.50
		9520	218	12.50	12.50
		9540	219	12.50	12.50
802.11ac-WT20	209.35	9560	220	12.50	12.50
		9580	221	12.50	12.50
		9600	222	12.50	12.50
802.11ac-WT20	209.42	9620	223	12.50	12.50
		9640	224	12.50	12.50
		9660	225	12.50	12.50
802.11ac-WT20	209.49	9680	226	12.50	12.50
		9700	227	12.50	12.50
		9720	228	12.50	12.50
802.11ac-WT20	209.56	9740	229	12.50	12.50
		9760	230	12.50	12.50
		9780	231	12.50	12.50
802.11ac-WT20	209.63	9800	232	12.50	12.50
		9820	233	12.50	12.50
		9840	234	12.50	12.50
802.11ac-WT20	209.70	9860	235	12.50	12.50
		9880	236	12.50	12.50
		9900	237	12.50	12.50
802.11ac-WT20	209.77	9920	238	12.50	12.50
		9940	239	12.50	12.50
		9960	240	12.50	12.50
802.					

WLAN 802.11a					
Mode	Tones/RxIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		13.00
	NA	5785	157		13.00
	NA	5825	165		13.00
802.11n HT20	NA	5745	149		13.00
	NA	5785	157		13.00
	NA	5825	165		13.00
802.11n HT40	NA	5750	151	11.93	13.00
	NA	5790	159	12.03	13.00
	NA	5745	149		13.00
802.11ac VHT20	NA	5785	157		13.00
	NA	5825	165		13.00
	NA	5750	151		13.00
802.11ac VHT40	NA	5790	159		13.00
	NA	5775	155		13.00
	NA	5745	149		13.00
802.11ax HE40	NA	5750	151		13.00
	NA	5790	159		13.00
	NA	5775	155		13.00
802.11ax HE80	NA	5745	149		13.00
	NA	5785	157		13.00
	NA	5825	165		13.00
802.11be EHT20	NA	5750	151		13.00
	NA	5790	159		13.00
	NA	5775	155		13.00
802.11be EHT40	NA	5745	149		13.00
	NA	5785	157		13.00
	NA	5825	165		13.00
802.11be EHT80	NA	5745	149		13.00
	NA	5785	157		13.00
	NA	5825	165		13.00
802.11ax HE20	26	5745	149		13.00
	26	5785	157		13.00
	26	5825	165		13.00
802.11ax HE20	52	5745	149		13.00
	52	5785	157		13.00
	52	5825	165		13.00
802.11ax HE20	106	5745	149		13.00
	106	5785	157		13.00
	106	5825	165		13.00
802.11be HE20	267 0	5745	149		13.00
	267 0	5785	157		13.00
	267 0	5825	165		13.00
802.11be HE20	267 4	5745	149		13.00
	267 4	5785	157		13.00
	267 4	5825	165		13.00
802.11be HE20	267 8	5745	149		13.00
	267 8	5785	157		13.00
	267 8	5825	165		13.00
802.11be HE20	527 37	5745	149		13.00
	527 37	5785	157		13.00
	527 37	5825	165		13.00
802.11be HE20	527 49	5745	149		13.00
	527 49	5785	157		13.00
	527 49	5825	165		13.00
802.11be HE20	1067 53	5745	149		13.00
	1067 53	5785	157		13.00
	1067 53	5825	165		13.00
802.11be HE20	1067 54	5745	149		13.00
	1067 54	5785	157		13.00
	1067 54	5825	165		13.00
802.11be HE20	26+106	5745	149		13.00
	26+106	5785	157		13.00
	26+106	5825	165		13.00
802.11be HE20	26+106	5745	149		13.00
	26+106	5785	157		13.00
	26+106	5825	165		13.00
802.11be HE40	267 0	5750	151		13.00
	267 0	5790	159		13.00
	267 0	5750	151		13.00
802.11be HE40	267				

WLANs 802.11a/g					
Mode	Tones/RxIndex	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5745	149	15.00	
	NA	5785	157	15.00	
	NA	5825	165	15.00	
802.11n HT20	NA	5745	149	15.00	
	NA	5785	157	15.00	
	NA	5825	165	15.00	
802.11n HT40	NA	5755	151	15.00	
	NA	5795	159	13.10	15.00
	NA	5745	149	15.00	
802.11ac VHT20	NA	5785	157	15.00	
	NA	5825	165	15.00	
	NA	5795	159	15.00	
802.11ac VHT40	NA	5795	159	15.00	
	NA	5775	155	15.00	
	NA	5745	149	15.00	
802.11ax HE20	NA	5825	165	15.00	
	NA	5785	157	15.00	
	NA	5805	163	15.00	
802.11ax HE40	NA	5755	151	15.00	
	NA	5795	159	15.00	
	NA	5775	155	15.00	
802.11ax HE80	NA	5745	149	15.00	
	NA	5785	157	15.00	
	NA	5825	165	15.00	
802.11be EHT20	NA	5755	151	15.00	
	NA	5795	159	15.00	
	NA	5775	155	15.00	
802.11be EHT40	NA	5795	159	15.00	
	NA	5775	155	15.00	
	NA	5745	149	15.00	
802.11be EHT80	NA	5775	155	15.00	
	NA	5745	149	15.00	
	NA	5785	157	15.00	
802.11ax HE20	26	5825	165	15.00	
	NA	5745	149	15.00	
	NA	5785	157	15.00	
802.11ax HE20	52	5785	157	15.00	
	NA	5825	165	15.00	
	NA	5745	149	15.00	
802.11ax HE20	106	5785	157	15.00	
	NA	5825	165	15.00	
	NA	5745	149	15.00	
802.11be HE20	26T 0	5785	157	15.00	
	NA	5825	165	15.00	
	NA	5745	149	15.00	
802.11be HE20	26T 4	5745	149	15.00	
	NA	5785	157	15.00	
	NA	5825	165	15.00	
802.11be HE20	26T 8	5785	157	15.00	
	NA	5825	165	15.00	
	NA	5745	149	15.00	
802.11be HE20	26T 12	5745	149	15.00	
	NA	5785	157	15.00	
	NA	5825	165	15.00	
802.11be HE20	26T 16	5785	157	15.00	
	NA	5825	165	15.00	
	NA	5745	149	15.00	
802.11be HE20	106T 54	5785	157	15.00	
	NA	5825	165	15.00	
	NA	5745	149	15.00	
802.11be HE20	106T 54	5785	157	15.00	
	NA	5825	165	15.00	
	NA	5745	149	15.00	
802.11be HE20	26+52	5745	149	15.00	
	26+106	5785	157	15.00	
	26+52	5785	157	15.00	
802.11be HE20	26+52	5785	157	15.00	
	26+106	5785	157	15.00	
	26+106	5825	165	15.00	
802.11be HE40	26T 0	5755	151	15.00	
	NA	5795	159	15.00	

WLANS RG Anti-7						
Mode	Tones/Rf/txdc	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit	
802.11a	NA	5745	149		15.00	
	NA	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
802.11a HT20	NA	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5795	159	15.02	15.00	
	NA	5745	149		15.00	
802.11a HT40	NA	5795	151		15.00	
	NA	5745	149		15.00	
	NA	5785	157		15.00	
	NA	5795	159	15.02	15.00	
802.11ac VHT20	NA	5795	159		15.00	
	NA	5745	149		15.00	
	NA	5825	165		15.00	
	NA	5795	151		15.00	
802.11ac VHT40	NA	5795	159		15.00	
	NA	5745	149		15.00	
	NA	5775	155		15.00	
	NA	5745	149		15.00	
802.11ax HE20	NA	5745	149		15.00	
	NA	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5795	159		15.00	
802.11ax HE40	NA	5795	159		15.00	
	NA	5745	149		15.00	
	NA	5775	155		15.00	
	NA	5745	149		15.00	
802.11be EHT20	NA	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5795	151		15.00	
	NA	5795	159		15.00	
802.11be EHT40	NA	5795	159		15.00	
	NA	5745	149		15.00	
	NA	5775	155		15.00	
	NA	5745	149		15.00	
802.11ax HE20	26	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
	NA	5785	157		15.00	
802.11ax HE20	52	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
	NA	5785	157		15.00	
802.11ax HE20	106	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
	NA	5785	157		15.00	
802.11be HE20	267 D	5785	149		15.00	
	NA	5795	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
802.11be HE20	267 D	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
	NA	5795	159		15.00	
802.11be HE20	267 D	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
	NA	5795	159		15.00	
802.11be HE20	1067 D3	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
	NA	5795	157		15.00	
802.11be HE20	1067 D4	5785	157		15.00	
	NA	5825	165		15.00	
	NA	5745	149		15.00	
	NA	5795	157		15.00	
802.11be HE20	26+52	5785	157		15.00	
	26+106	5785	157		15.00	
	26+52	5785	157		15.00	
	26+106	5785	157		15.00	
802.11be HE20	26+52	5825	165		15.00	
	26+106	5825	165		15.00	
	26+106	5825	165		15.00	
	26+106	5825	165		15.00	
802.11be HE40	267 D	5795	151		15.00	
	NA	5795	159		15.00	
	NA	5795	151		15.00	
	NA	5795	159		15.00	
802.11be HE40	267 B	5795	159		15.00	
	NA	5795	151		15.00	
	NA	5795	159		15.00	
	NA	5795	151		15.00	
802.11be HE40	267 B	5795	159		15.00	
	NA	5795	151		15.00	
	NA	5795				

(DS12)

BT Ant6					
BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		10.00
		2440	19		10.00
		2480	39		9.00
		2404	1		10.00
BLE	2M	2440	19		11.00
		2478	38		9.00
		2402	0		4.00
		2440	19		5.00
BLE	S2	2480	39		4.00
		2402	0		4.00
		2440	19		5.00
		2480	39		4.00
BLE	S8	2402	0		4.00
		2440	19		5.00
		2480	39		4.00
		2402	0		12.00
BLE	GFSK	2402	0		13.50
		2440	39		13.50
		2480	78		11.85
		2402	0		13.50
BLE	DQPSK	2402	0		13.50
		2441	39		13.50
		2480	78		13.50
		2402	0		13.50
BLE	8DPSK	2441	39		13.50
		2480	78		13.50
		2402	0		13.50
		2480	78		13.50

(DS12)

BT Ant7					
BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		9.00
		2440	19		10.00
		2480	39		9.00
		2404	1		9.00
BLE	2M	2440	19		10.00
		2478	38		9.00
		2402	0		4.00
		2440	19		5.00
BLE	S2	2480	39		4.00
		2402	0		4.00
		2440	19		5.00
		2480	39		4.00
BLE	S8	2402	0		4.00
		2440	19		5.00
		2480	39		4.00
		2402	0		8.76
BLE	GFSK	2441	39		10.00
		2480	78		10.00
		2402	0		8.3
		2402	0		10.00
BLE	DQPSK	2441	39		10.00
		2480	78		10.00
		2402	0		10.00
		2441	39		10.00
BLE	8DPSK	2441	39		10.00
		2480	78		10.00
		2402	0		10.00
		2480	78		10.00

(DS12)

WLAN2-4G Ant6					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	13.07	16.00
		2437	6	14.86	16.00
		2462	11	14.89	16.00
802.11g	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11n HT20	NA	2412	1		15.00
		2437	6		16.00
		2462	11		15.00
802.11n HT40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11be EHT20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11be EHT40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE20	26	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	106	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+0	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+4	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+8	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+37	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+38	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+40	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+53	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+54	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26+52	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26+106	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE40	26T+0	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+8	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+17	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+37	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+40	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+44	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+53	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+54	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+56	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+61	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+62	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26+52	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26+106	2422	3		16.00
		2437	6		16.00
		2452	9		16.00

(DS12)

WLAN2-4G Ant7					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	14.72	15.50
		2437	6	14.28	15.50
		2462	11	14.23	15.50
802.11g	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11n HT20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11n HT40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11be EHT20	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11be EHT40	NA	2412	1		15.00
		2437	6		15.00
		2462	11		15.00
802.11ax HE20	26	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11ax HE20	52	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11ax HE20	106	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26T+0	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26T+4	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26T+8	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	52T+37	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	52T+38	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	52T+40	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	106T+53	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	106T+54	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26+52	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE20	26+106	2412	1		15.50
		2437	6		15.50
		2462	11		15.50
802.11be HE40	26T+0	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	26T+8	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	26T+17	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	52T+37	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	52T+40	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	52T+44	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	106T+53	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	106T+54	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	106T+56	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	242T+61	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	242T+62	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	26+52	2422	3		15.50
		2437	6		15.50
		2452	9		15.50
802.11be HE40	26+106	2422	3		15.50
		2437	6		15.50
		2452	9		15.50

(DSI2)

WLANS 2G Ant6					
Mode	Tones/ R/Urindex	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11n HT20	NA	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11n HT40	NA	5190	38	5.00	
		5230	46	5.00	
		5190	36	5.00	
802.11ac VHT20	NA	5200	40	5.00	
		5240	48	5.00	
		5190	38	5.35	5.00
802.11ac VHT40	NA	5200	40	5.00	
		5240	48	5.00	
		5190	38	5.35	5.00
802.11ac VHT80	NA	5210	42	5.00	
		5250	50	5.00	
		5180	36	5.00	
802.11ax HE20	NA	5200	40	5.00	
		5240	48	5.00	
		5190	38	5.00	
802.11ax HE40	NA	5230	46	5.00	
		5180	36	5.00	
		5210	42	5.00	
802.11ax HE80	NA	5210	42	5.00	
		5250	50	5.00	
		5180	36	5.00	
802.11be EHT20	NA	5200	40	5.00	
		5240	48	5.00	
		5190	38	5.00	
802.11be EHT40	NA	5230	46	5.00	
		5210	42	5.00	
		5250	50	5.00	
802.11be EHT80	NA	5210	42	5.00	
		5250	50	5.00	
		5180	36	5.00	
802.11be HE20	26T 0	5200	40	5.00	
		5240	48	5.00	
		5180	36	5.00	
802.11be HE20	26T 4	5200	40	5.00	
		5240	48	5.00	
		5190	36	5.00	
802.11be HE20	26T 8	5200	40	5.00	
		5240	48	5.00	
		5190	36	5.00	
802.11be HE20	52T 37	5200	40	5.00	
		5240	48	5.00	
		5180	36	5.00	
802.11be HE20	52T 38	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11be HE20	52T 40	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11be HE20	106T 53	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11be HE20	106T 54	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11be EHT20	26	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11be EHT20	52	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11be EHT20	106	5180	36	5.00	
		5200	40	5.00	
		5240	48	5.00	
802.11be HE20	26+52	5180	36	5.00	
		26+106		5.00	
		26+52	5200	40	5.00
802.11be HE20	26+106	26+52	5200	40	5.00
		26+106	5240	48	5.00
		26+52	5190	38	5.00
802.11be HE40	26T 0	5230	46	5.00	
		5190	38	5.00	
		5230	46	5.00	
802.11be HE40	26T 8	5230	46	5.00	
		5190	38	5.00	
		5230	46	5.00	
802.11be HE40	26T 17	5230	46	5.00	
		5190	38	5.00	
		5230	46	5.00	
802.11be HE40	52T 37	5230	46	5.00	
		5190	38	5.00	
		5230	46	5.00	
802.11be HE40	52T 44	5230	46	5.00	
		5190	38	5.00	
		5230	46	5.00	
802.11be HE40	106T 53	5190	38	5.00	
		5230	46	5.00	
		5190	38	5.00	
802.11be HE40	106T 54	5190	38	5.00	
		5230	46	5.00	
		5190	38	5.00	
802.11be HE40	106T 56	5190	38	5.00	
		5230	46	5.00	
		5190	38	5.00	
802.11be HE40	242T 61	5230	46	5.00	
		5190	38	5.00	
		5230	46	5.00	
802.11be HE40	242T 62	5190	38	5.00	
		5230	46	5.00	
		5190	38	5.00	
802.11be HE40	26+52	5190	38	5.00	
		26+106		5.00	
		26+52	5230	46	5.00
802.11be HE40	26+106	26+52	5230	46	5.00
		26+106	26T 0	5.00	
		26T 0	26T 16	5.00	
802.11be HE80	26T 16	26T 36		5.00	
		52T 37		5.00	
		52T 44		5.00	
802.11be HE80	52T 52	106T 53	5210	42	5.00
		106T 56		5.00	
		106T 60		5.00	
802.11be HE160	5250	50		5.00	
		242T L		5.00	
		242T M		5.00	
802.11be HE160	5250	50		5.00	
		484T L		5.00	
		484T M		5.00	
802.11be HE160	5250	50		5.00	
		484T H		5.00	
		996T L		5.00	
802.11be HE160	5250	50		5.00	
		996T H		5.00	
		484+996		5.00	
802.11be HE160	5250	50		5.00	
		242+484+996		5.00	
		484+996		5.00	

(DSI2)

WLANS 2G Ant7					
Mode	Tones/R/UrIndex	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11n HT20	NA	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11n HT40	NA	5190	38		7.00
		5230	46		7.00
		5200	40		7.00
802.11ac VHT20	NA	5200	40		7.00
		5240	48		7.00
		5190	38	5.04	7.00
802.11ac VHT40	NA	5190	38	5.04	7.00
		5230	46		7.00
		5200	40		7.00
802.11ac VHT80	NA	5210	42		7.00
		5250	50		7.00
		5180	36		7.00
802.11ax HE20	NA	5200	40		7.00
		5240	48		7.00
		5190	38		7.00
802.11ax HE40	NA	5230	46		7.00
		5180	38		7.00
		5210	42		7.00
802.11ax HE80	NA	5210	42		7.00
		5250	50		7.00
		5180	36		7.00
802.11ax HE160	NA	5200	40		7.00
		5240	48		7.00
		5190	38		7.00
802.11be EHT20	NA	5200	40		7.00
		5240	48		7.00
		5190	38		7.00
802.11be EHT40	NA	5230	46		7.00
		5210	42		7.00
		5250	50		7.00
802.11be EHT80	NA	5210	42		7.00
		5250	50		7.00
		5180	36		7.00
802.11be HE20	26T 0	5200	40		7.00
		5240	48		7.00
		5180	36		7.00
802.11be HE20	26T 4	5200	40		7.00
		5240	48		7.00
		5190	36		7.00
802.11be HE20	26T 8	5200	40		7.00
		5240	48		7.00
		5190	36		7.00
802.11be HE20	52T 37	5200	40		7.00
		5240	48		7.00
		5180	36		7.00
802.11be HE20	52T 38	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11be HE20	52T 40	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11be HE20	106T 53	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11be HE20	106T 54	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11be EHT20	26	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11be EHT20	52	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11be EHT20	106	5180	36		7.00
		5200	40		7.00
		5240	48		7.00
802.11be HE20	26+52	5180	36		7.00
		26+106			7.00
		26+52	5200	40	7.00
802.11be HE20	26+106	26+52	5200	48	7.00
802.11be HE40	26T 0	5190	38		7.00
		5230	46		7.00
		5190	38		7.00
802.11be HE40	26T 8	5190	38		7.00
		5230	46		7.00
		5190	38		7.00
802.11be HE40	52T 37	5190	38		7.00
		5230	46		7.00
		5190	38		7.00
802.11be HE40	52T 40	5190	38		7.00
		5230	46		7.00
		5190	38		7.00
802.11be HE40	106T 53	5190	38		7.00
		5230	46		7.00
		5190	38		7.00
802.11be HE40	106T 54	5190	38		7.00
		5230	46		7.00
		5190	38		7.00
802.11be HE40	242T 61	5190	38		7.00
		5230	46		7.00
		5190	38		7.00
802.11be HE40	242T 62	5190	38		7.00
		5230	46		7.00
		5190	38		7.00
802.11be HE40	26+52	5190	38		7.00
		26+106			7.00
		26+52	5230	46	7.00
802.11be HE40	26+106	26+52	5230	46	7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5210	42	7.00
802.11be HE80	26+106	26+52	5210	42	7.00
					7.00
					7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5210	42	7.00
802.11be HE80	26+106	26+52	5210	42	7.00
					7.00
					7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5250	50	7.00
802.11be HE80	26+106	26+52	5250	50	7.00
					7.00
					7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5250	50	7.00
802.11be HE80	26+106	26+52	5250	50	7.00
					7.00
					7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5250	50	7.00
802.11be HE80	26+106	26+52	5250	50	7.00
					7.00
					7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5250	50	7.00
802.11be HE80	26+106	26+52	5250	50	7.00
					7.00
					7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5250	50	7.00
802.11be HE80	26+106	26+52	5250	50	7.00
					7.00
					7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5250	50	7.00
802.11be HE80	26+106	26+52	5250	50	7.00
					7.00
					7.00
802.11be HE80	26T 0				7.00
		26T 18			7.00
		26T 36			7.00
802.11be HE80	52T 37				7.00
		52T 44			7.00
		52T 53			7.00
802.11be HE80	106T 56				7.00
		106T 60			7.00
		106T 63			7.00
802.11be HE80	242T 61				7.00
		242T 62			7.00
		242T 64			7.00
802.11be HE80	484T 65				7.00
		484T 66			7.00
		484T 67			7.00
802.11be HE80	26+52				7.00
		26+106			7.00
		26+52	5250	50	7.00
802.11be HE80	26+106	26+52	5250	50	

(DSI2)

WLAN5.3G Ant6					
Mode	Tones/ R/Unidx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11n HT20	NA	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11n HT40	NA	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11ac VHT20	NA	5300	60		4.00
		5320	64		4.00
		5270	54		4.00
802.11ac VHT40	NA	5310	62		4.00
		5290	58		4.00
		5330	66		4.00
802.11ac VHT80	NA	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11ax HE40	NA	5270	54		4.00
		5310	62		4.00
		5290	58	2.13	4.00
802.11ax HE80	NA	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be EHT20	NA	5270	54		4.00
		5310	62		4.00
		5290	58		4.00
802.11be EHT40	NA	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be EHT80	NA	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11ax HE20	26	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11ax HE20	52	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11ax HE20	106	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	26T 0	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	26T 4	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	26T 8	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	52T 37	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	52T 38	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	52T 40	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	106T 53	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	106T 54	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	26+52 26+106	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE20	26+52 26+106	5300	60		4.00
		5320	64		4.00
		5270	54		4.00
802.11be HE40	26T 0	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	26T 8	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	26T 17	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	52T 37	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	52T 40	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	52T 44	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	106T 53	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	106T 54	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	106T 56	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	242T 61	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	242T 62	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	26+52 26+106	5270	54		4.00
		5310	62		4.00
		5350	70		4.00
802.11be HE40	26+52 26+106	5310	62		4.00
		5350	70		4.00
		5270	54		4.00
802.11be HE80	26T 0	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	26T 18	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	26T 36	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	52T 44	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	52T 52	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	106T 53	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	106T 56	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	106T 60	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	242T 61	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	242T 62	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	242T 64	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	484T 65	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	484T 66	5260	52		4.00
		5300	60		4.00
		5320	64		4.00
802.11be HE80	26+52 242+484	5260	52		4.00
		5300	60		4.00
		5320	64		4.00

(DSI2)

WLAN5.3G Ant7					
Mode	Tones/R/Unidx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11n HT20	NA	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11n HT40	NA	5270	54		7.00
		5310	62		7.00
		5290	58		7.00
802.11ac VHT20	NA	5300	60		7.00
		5320	64		7.00
		5270	54		7.00
802.11ac VHT40	NA	5310	62		7.00
		5290	58		7.00
		5330	66		7.00
802.11ac VHT80	NA	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11ax HE20	NA	5270	54		7.00
		5310	62		7.00
		5290	58	5.07	7.00
802.11ax HE80	NA	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be EHT20	NA	5270	54		7.00
		5310	62		7.00
		5290	58		7.00
802.11be EHT40	NA	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be EHT80	NA	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11ax HE20	26	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11ax HE20	52	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11ax HE20	106	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	26T 0	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	26T 4	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	26T 8	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	52T 37	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	52T 38	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	52T 40	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	106T 53	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	106T 54	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	26+52	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	26+52	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE20	26+106	5260	52		7.00
		5300	60		7.00
		5320	64		7.00
802.11be HE40	26T 0	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26T 8	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	52T 37	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	52T 40	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 44	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	106T 53	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 56	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 61	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	24ZT 62	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+106	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26+106	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26T 0	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26T 18	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 37	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 44	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 53	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 56	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 60	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 61	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 62	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+106	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26+106	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26T 0	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26T 18	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 37	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 44	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 53	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 56	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 60	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 61	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 62	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+106	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26+106	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26T 0	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26T 18	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 37	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 44	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 53	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 56	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 60	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 61	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 62	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+106	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26+106	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26T 0	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26T 18	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 37	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 44	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 53	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 56	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 60	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 61	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	24ZT 62	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+106	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26+52	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26+106	5310	62		7.00
		5270	54		7.00
		5270	54		7.00
802.11be HE40	26T 0	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	26T 18	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 37	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	52T 44	5270	54		7.00
		5310	62		7.00
		5270	54		7.00
802.11be HE40	106T 53	5270	54		

(DSB)

WLAN-60 Area					
Male	Tower Reference	Frequency (MHz)	Channel	Average power (dBm)	Turn-Up Limit
802.11a	NA	5180	1	0.00	0.00
		5200	2	0.00	0.00
		5220	3	0.00	0.00
802.11n HT20	NA	5300	4	0.00	0.00
		5320	5	0.00	0.00
		5340	6	0.00	0.00
802.11n HT40	NA	5400	7	0.00	0.00
		5420	8	0.00	0.00
		5440	9	0.00	0.00
802.11ac VHT20	NA	5500	10	0.00	0.00
		5520	11	0.00	0.00
		5540	12	0.00	0.00
802.11ac VHT40	NA	5600	13	0.00	0.00
		5620	14	0.00	0.00
		5640	15	0.00	0.00
802.11ac VHT80	NA	5680	16	0.00	0.00
		5700	17	0.00	0.00
		5720	18	0.00	0.00
802.11ac VHT160	NA	5760	19	0.00	0.00
		5780	20	0.00	0.00
		5800	21	0.00	0.00
802.11ac VHT32	NA	5840	22	0.00	0.00
		5860	23	0.00	0.00
		5880	24	0.00	0.00
802.11ac VHT64	NA	5920	25	0.00	0.00
		5940	26	0.00	0.00
		5960	27	0.00	0.00
802.11ac VHT128	NA	5980	28	0.00	0.00
		6000	29	0.00	0.00
		6020	30	0.00	0.00
802.11ac VHT256	NA	6040	31	0.00	0.00
		6060	32	0.00	0.00
		6080	33	0.00	0.00
802.11ac VHT512	NA	6100	34	0.00	0.00
		6120	35	0.00	0.00
		6140	36	0.00	0.00
802.11ac VHT1024	NA	6160	37	0.00	0.00
		6180	38	0.00	0.00
		6200	39	0.00	0.00
802.11ac VHT2048	NA	6220	40	0.00	0.00
		6240	41	0.00	0.00
		6260	42	0.00	0.00
802.11ac VHT4096	NA	6280	43	0.00	0.00
		6300	44	0.00	0.00
		6320	45	0.00	0.00
802.11ac VHT8192	NA	6340	46	0.00	0.00
		6360	47	0.00	0.00
		6380	48	0.00	0.00
802.11ac VHT16384	NA	6400	49	0.00	0.00
		6420	50	0.00	0.00
		6440	51	0.00	0.00
802.11ac VHT32768	NA	6460	52	0.00	0.00
		6480	53	0.00	0.00
		6500	54	0.00	0.00
802.11ac VHT65536	NA	6520	55	0.00	0.00
		6540	56	0.00	0.00
		6560	57	0.00	0.00
802.11ac VHT131072	NA	6580	58	0.00	0.00
		6600	59	0.00	0.00
		6620	60	0.00	0.00
802.11ac VHT262144	NA	6640	61	0.00	0.00
		6660	62	0.00	0.00
		6680	63	0.00	0.00
802.11ac VHT524288	NA	6700	64	0.00	0.00
		6720	65	0.00	0.00
		6740	66	0.00	0.00
802.11ac VHT1048576	NA	6760	67	0.00	0.00
		6780	68	0.00	0.00
		6800	69	0.00	0.00
802.11ac VHT2097152	NA	6820	70	0.00	0.00
		6840	71	0.00	0.00
		6860	72	0.00	0.00
802.11ac VHT4194304	NA	6880	73	0.00	0.00
		6900	74	0.00	0.00
		6920	75	0.00	0.00
802.11ac VHT8388608	NA	6940	76	0.00	0.00
		6960	77	0.00	0.00
		6980	78	0.00	0.00
802.11ac VHT16777216	NA	7000	79	0.00	0.00
		7020	80	0.00	0.00
		7040	81	0.00	0.00
802.11ac VHT33554432	NA	7060	82	0.00	0.00
		7080	83	0.00	0.00
		7100	84	0.00	0.00
802.11ac VHT67108864	NA	7120	85	0.00	0.00
		7140	86	0.00	0.00
		7160	87	0.00	0.00
802.11ac VHT134217728	NA	7180	88	0.00	0.00
		7200	89	0.00	0.00
		7220	90	0.00	0.00
802.11ac VHT268435456	NA	7240	91	0.00	0.00
		7260	92	0.00	0.00
		7280	93	0.00	0.00
802.11ac VHT536870912	NA	7300	94	0.00	0.00
		7320	95	0.00	0.00
		7340	96	0.00	0.00
802.11ac VHT1073741824	NA	7360	97	0.00	0.00
		7380	98	0.00	0.00
		7400	99	0.00	0.00
802.11ac VHT2147483648	NA	7420	100	0.00	0.00
		7440	101	0.00	0.00
		7460	102	0.00	0.00
802.11ac VHT4398046511104	NA	7480	103	0.00	0.00
		7500	104	0.00	0.00
		7520	105	0.00	0.00
802.11ac VHT8796093022208	NA	7540	106	0.00	0.00
		7560	107	0.00	0.00
		7580	108	0.00	0.00
802.11ac VHT1759218644416	NA	7600	109	0.00	0.00
		7620	110	0.00	0.00
		7640	111	0.00	0.00
802.11ac VHT3435973832352	NA	7660	112	0.00	0.00
		7680	113	0.00	0.00
		7700	114	0.00	0.00
802.11ac VHT6871947664704	NA	7720	115	0.00	0.00
		7740	116	0.00	0.00
		7760	117	0.00	0.00
802.11ac VHT1374389534704	NA	7780	118	0.00	0.00
		7800	119	0.00	0.00
		7820	120	0.00	0.00
802.11ac VHT2748779069408	NA	7840	121	0.00	0.00
		7860	122	0.00	0.00
		7880	123	0.00	0.00
802.11ac VHT5497558138816	NA	7900	124	0.00	0.00
		7920	125	0.00	0.00
		7940	126	0.00	0.00
802.11ac VHT1099511627776	NA	7960	127	0.00	0.00
		7980	128	0.00	0.00
		8000	129	0.00	0.00
802.11ac VHT2199023255552	NA	8020	130	0.00	0.00
		8040	131	0.00	0.00
		8060	132	0.00	0.00
802.11ac VHT4398046511104	NA	8080	133	0.00	0.00
		8100	134	0.00	0.00
		8120	135	0.00	0.00
802.11ac VHT8796093022208	NA	8140	136	0.00	0.00
		8160	137	0.00	0.00
		8180	138	0.00	0.00
802.11ac VHT1759218644416	NA	8200	139	0.00	0.00
		8220	140	0.00	0.00
		8240	141	0.00	0.00
802.11ac VHT3518437288832	NA	8260	142	0.00	0.00
		8280	143	0.00	0.00
		8300	144	0.00	0.00
802.11ac VHT7036874577664	NA	8320	145	0.00	0.00
		8340	146	0.00	0.00
		8360	147	0.00	0.00
802.11ac VHT1407374915328	NA	8380	148	0.00	0.00
		8400	149	0.00	0.00
		8420	150	0.00	0.00
802.11ac VHT2814749830656	NA	8440	151	0.00	0.00
		8460	152	0.00	0.00
		8480	153	0.00	0.00
802.11ac VHT5629499661312	NA	8500	154	0.00	0.00
		8520	155	0.00	0.00
		8540	156	0.00	0.00
802.11ac VHT11258999322624	NA	8560	157	0.00	0.00
		8580	158	0.00	0.00
		8600	159	0.00	0.00
802.11ac VHT22517998645248	NA	8620	160	0.00	0.00
		8640	161	0.00	0.00
		8660	162	0.00	0.00
802.11ac VHT45035997290496	NA	8680	163	0.00	0.00
		8700	164	0.00	0.00
		8720	165	0.00	0.00
802.11ac VHT90071994580992	NA	8740	166	0.00	0.00
		8760	167	0.00	0.00
		8780	168	0.00	0.00
802.11ac VHT180143991617984	NA	8800	169	0.00	0.00
		8820	170	0.00	0.00
		8840	171	0.00	0.00
802.11ac VHT360287983235968	NA	8860	172	0.00	0.00
		8880	173	0.00	0.00
		8900	174	0.00	0.00
802.11ac VHT720575966471936	NA	8920	175	0.00	0.00
		8940	176	0.00	0.00
		8960	177	0.00	0.00
802.11ac VHT144115193344384	NA	8980	178	0.00	0.00
		9000	179	0.00	0.00
		9020	180	0.00	0.00
802.11ac VHT288230386688768	NA	9040	181	0.00	0.00

(DS12)

WLAN5.8G Ant6					
Mode	Tones/ R/Idx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5745	149		7.00
	NA	5785	157		7.00
	NA	5825	165		7.00
802.11n HT20	NA	5745	149		7.00
	NA	5785	157		7.00
	NA	5825	165		7.00
802.11n HT40	NA	5755	151	5.50	7.00
	NA	5795	159	5.50	7.00
	NA	5745	149		7.00
802.11ac VHT20	NA	5785	157		7.00
	NA	5825	165		7.00
	NA	5755	151		7.00
802.11ac VHT40	NA	5795	159		7.00
	NA	5745	149		7.00
	NA	5775	155		7.00
802.11ac VHT80	NA	5745	149		7.00
	NA	5785	157		7.00
	NA	5825	165		7.00
802.11ax HE20	NA	5755	151		7.00
	NA	5795	159		7.00
	NA	5775	155		7.00
802.11ax HE80	NA	5745	149		7.00
	NA	5785	157		7.00
	NA	5825	165		7.00
802.11be EHT20	NA	5755	151		7.00
	NA	5795	159		7.00
	NA	5775	155		7.00
802.11be EHT40	NA	5745	149		7.00
	NA	5785	157		7.00
	NA	5825	165		7.00
802.11be EHT80	NA	5755	151		7.00
	NA	5795	159		7.00
	NA	5775	155		7.00
802.11ax HE20	26	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11ax HE20	52	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11ax HE20	106	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	26T 0	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	26T 4	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	26T 8	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	52T 37	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	52T 38	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	52T 40	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	106T 53	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	106T 54	5745	149		7.00
		5785	157		7.00
		5825	165		7.00
802.11be HE20	26+52	5745	149		7.00
	26+106	5745	149		7.00
802.11be HE20	26+52	5785	157		7.00
	26+106	5785	157		7.00
802.11be HE20	26+52	5825	165		7.00
	26+106	5825	165		7.00
802.11be HE40	26T 0	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	26T 8	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	26T 17	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	52T 37	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	52T 40	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	106T 53	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	106T 54	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	106T 56	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	242T 61	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	242T 62	5755	151		7.00
		5795	159		7.00
		5775	155		7.00
802.11be HE40	26+52	5755	151		7.00
	26+106	5755	151		7.00
802.11be HE40	26+52	5795	159		7.00
	26+106	5795	159		7.00
802.11be HE80	26T 0	5755	151		7.00
	26T 18	5755	151		7.00
	26T 36	5755	151		7.00
802.11be HE80	52T 37	5755	151		7.00
	52T 44	5755	151		7.00
	52T 52	5755	151		7.00
802.11be HE80	106T 53	5775	155		7.00
	106T 56	5775	155		7.00
	106T 60	5775	155		7.00
802.11be HE80	242T 61	5775	155		7.00
	242T 62	5775	155		7.00
	242T 64	5775	155		7.00
802.11be HE80	484T 65	5775	155		7.00
	484T 66	5775	155		7.00
	26+52	5775	155		7.00
802.11be HE80	242+484	5775	155		7.00
	242+484	5775	155		7.00
	242+484	5775	155		7.00

(DS12)

WLAN5.8G Ant7					
Mode	Tones/ R/Idx	Frequency (MHz)	Channel	Average power (dBm)	Time-Up Limit
802.11a	NA	5745	149		8.00
	NA	5785	157		8.00
	NA	5825	165		8.00
802.11n HT20	NA	5745	149		8.00
	NA	5785	157		8.00
	NA	5825	165		8.00
802.11n HT40	NA	5755	151	7.38	8.00
	NA	5795	159	6.81	8.00
	NA	5745	149		8.00
802.11ac VHT20	NA	5785	157		8.00
	NA	5825	165		8.00
	NA	5755	151		8.00
802.11ac VHT40	NA	5795	159		8.00
	NA	5755	151		8.00
	NA	5795	159		8.00
802.11ac VHT80	NA	5775	155		8.00
	NA	5745	149		8.00
	NA	5785	157		8.00
802.11ax HE20	NA	5825	165		8.00
	NA	5755	151		8.00
	NA	5795	159		8.00
802.11ax HE40	NA	5775	155		8.00
	NA	5745	149		8.00
	NA	5785	157		8.00
802.11be EHT20	NA	5785	157		8.00
	NA	5825	165		8.00
	NA	5755	151		8.00
802.11be EHT40	NA	5795	159		8.00
	NA	5755	151		8.00
	NA	5795	159		8.00
802.11be EHT80	NA	5775	155		8.00
	NA	5745	149		8.00
	NA	5785	157		8.00
802.11ax HE20	26	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11ax HE20	52	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11ax HE20	106	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	26T 0	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	26T 4	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	26T 8	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	52T 37	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	52T 38	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	52T 40	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	106T 53	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	106T 54	5785	157		8.00
		5825	165		8.00
		5745	149		8.00
802.11be HE20	26+52	5745	149		8.00
	26+106	5745	149		8.00
802.11be HE20	26+52	5785	157		8.00
	26+106	5785	157		8.00
802.11be HE20	26+52	5825	165		8.00
	26+106	5825	165		8.00
802.11be HE40	26T 0	5755	151		8.00
		5795	159		8.00
		5755	151		8.00
802.11be HE40	26T 8	5795	159		8.00
		5755	151		8.00
		5795	159		8.00
802.11be HE40	26T 17	5755	151		8.00
		5795	159		8.00
		5755	151		8.00
802.11be HE40	52T 37	5795	159		8.00
		5755	151		8.00
		5795	159		8.00
802.11be HE40	52T 40	5795	159		8.00
		5755	151		8.00
		5795	159		8.00
802.11be HE40	106T 53	5795	159		8.00
		5755	151		8.00
		5795	159		8.00
802.11be HE40	106T 54	5795	159		8.00
		5755	151		8.00
		5795	159		8.00
802.11be HE40	242T 61	5795	159		8.00
		5755	151		8.00
		5795	159		8.00
802.11be HE40	242T 62	5795	159		8.00
		5755	151		8.00
		5795	159		8.00
802.11be HE40	26+52	5755	151		8.00
	26+106	5755	151		8.00
		5795	159		8.00
802.11be HE40	26+52	5795	159		8.00
	26+106	5795	159		8.00
		5755	151		8.00
802.11be HE80	26T 0				8.00
	26T 18				8.00
	26T 38				8.00
802.11be HE80	52T 37				8.00
	52T 44				8.00
	52T 52				8.00
802.11be HE80	106T 53	5775	155		8.00
	106T 56				8.00
	242T 61				8.00
802.11be HE80	242T 62				8.00
	242T 64				8.00
	484T 65				8.00
802.11be HE80	484T 66				8.00
	26+52				8.00
	242+484	5775	155		8.00
802.11be HE80	242+484				8.00
					8.00