

8 CONDUCTED RF OUPUT POWER

8.1	GSM Output Power
8.2	WCDMA Output Power
8.3	LTE Output Power
8.4	NR Output Power
8.5	WIFI Output Power
8.6	Bluetooth Output Power

GSM											
GSM850	ANT	DSI State	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power (dBm)			Tune-up Power(dBm)
Channel			128	190	251			128	190	251	
Voice	ANT2	DSI0	32.61	32.65	32.57	33.00	9.19	23.42	23.46	23.38	23.81
GPRS 1Slots	ANT2	DSI0	32.48	32.61	32.54	33.00	9.19	23.29	23.42	23.35	23.81
GPRS 2Slots	ANT2	DSI0	31.58	31.65	31.56	32.00	6.13	25.45	25.52	25.43	25.87
GPRS 3Slots	ANT2	DSI0	29.57	29.62	29.61	30.00	4.42	25.15	25.20	25.19	25.58
GPRS 4Slots	ANT2	DSI0	28.42	28.57	28.42	29.00	3.18	25.24	25.39	25.24	25.82
EGPRS 1Slots	ANT2	DSI0	26.88	26.90	26.86	28.00	9.19	17.69	17.71	17.67	18.81
EGPRS 2Slots	ANT2	DSI0	25.67	25.75	25.62	27.00	6.13	19.54	19.62	19.49	20.87
EGPRS 3Slots	ANT2	DSI0	23.86	24.00	23.98	25.00	4.42	19.44	19.58	19.56	20.58
EGPRS 4Slots	ANT2	DSI0	22.61	22.65	22.52	24.00	3.18	19.43	19.47	19.34	20.82

GSM											
GSM1900	ANT	DSI State	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power (dBm)			Tune-up Power(dBm)
Channel			512	661	810			128	190	251	
Voice	ANT6	DSI0	31.33	31.36	31.26	32.00	9.19	22.14	22.17	22.07	22.81
GPRS 1Slots	ANT6	DSI0	31.24	31.27	31.24	32.00	9.19	22.05	22.08	22.05	22.81
GPRS 2Slots	ANT6	DSI0	30.19	30.20	30.12	31.00	6.13	24.06	24.07	23.99	24.87
GPRS 3Slots	ANT6	DSI0	27.92	27.93	27.89	29.00	4.42	23.50	23.51	23.47	24.58
GPRS 4Slots	ANT6	DSI0	26.71	26.86	26.74	28.00	3.18	23.53	23.68	23.56	24.82
EGPRS 1Slots	ANT6	DSI0	26.53	26.66	26.52	28.00	9.19	17.34	17.47	17.33	18.81
EGPRS 2Slots	ANT6	DSI0	25.71	25.77	25.65	27.00	6.13	19.58	19.64	19.52	20.87
EGPRS 3Slots	ANT6	DSI0	24.05	24.10	24.09	25.00	4.42	19.63	19.68	19.67	20.58
EGPRS 4Slots	ANT6	DSI0	24.24	24.27	24.22	25.00	3.18	21.06	21.09	21.04	21.82

GSM											
GSM850	ANT	DSI State	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power (dBm)			Tune-up Power(dBm)
Channel			128	190	251			128	190	251	
Voice	ANT2	DSI1	28.55	28.65	28.43	29.00	9.19	19.36	19.46	19.24	19.81
GPRS 1Slots	ANT2	DSI1	28.51	28.40	28.28	29.00	9.19	19.32	19.21	19.09	19.81
GPRS 2Slots	ANT2	DSI1	27.36	27.32	27.21	28.00	6.13	21.23	21.19	21.08	21.87
GPRS 3Slots	ANT2	DSI1	25.23	25.29	24.50	26.00	4.42	20.81	20.87	20.08	21.58
GPRS 4Slots	ANT2	DSI1	24.18	24.28	24.26	25.00	3.18	21.00	21.10	21.08	21.82
EGPRS 1Slots	ANT2	DSI1	23.25	23.56	23.32	24.00	9.19	14.06	14.37	14.13	14.81
EGPRS 2Slots	ANT2	DSI1	23.18	23.35	23.26	24.00	6.13	17.05	17.22	17.13	17.87
EGPRS 3Slots	ANT2	DSI1	23.23	23.33	23.07	24.00	4.42	18.81	18.91	18.65	19.58
EGPRS 4Slots	ANT2	DSI1	22.86	22.92	23.04	24.00	3.18	19.68	19.74	19.86	20.82

GSM											
GSM1900	ANT	DSI State	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power (dBm)			Tune-up Power(dBm)
Channel			512	661	810			128	190	251	
Voice	ANT6	DSI1	24.38	24.25	24.18	25.00	9.19	15.19	15.06	14.99	15.81
GPRS 1Slots	ANT6	DSI1	24.35	24.21	24.16	25.00	9.19	15.16	15.02	14.97	15.81
GPRS 2Slots	ANT6	DSI1	23.25	23.12	23.07	24.00	6.13	17.12	16.99	16.94	17.87
GPRS 3Slots	ANT6	DSI1	21.28	21.10	21.02	22.00	4.42	16.86	16.68	16.60	17.58
GPRS 4Slots	ANT6	DSI1	20.36	20.12	20.09	21.00	3.18	17.18	16.94	16.91	17.82
EGPRS 1Slots	ANT6	DSI1	20.63	20.74	20.63	21.00	9.19	11.44	11.55	11.44	11.81
EGPRS 2Slots	ANT6	DSI1	20.74	20.75	20.63	21.00	6.13	14.61	14.62	14.50	14.87
EGPRS 3Slots	ANT6	DSI1	20.59	20.63	20.60	21.00	4.42	16.17	16.21	16.18	16.58
EGPRS 4Slots	ANT6	DSI1	20.65	20.69	20.68	21.00	3.18	17.47	17.51	17.50	17.82

WCDMA						
WCDMA B2	ANT	DSI State	Output power(dBm)			Tune-up Limit Power(dBm)
Channel			9262	9400	9538	
AMR	ANT6	DSI0	24.71	24.97	24.81	25.50
RMC	ANT6	DSI0	24.78	25.01	24.93	25.50
HSDPA Subtest-1	ANT6	DSI0	24.19	24.04	24.12	24.50
HSDPA Subtest-2	ANT6	DSI0	24.12	24.07	23.97	24.50
HSDPA Subtest-3	ANT6	DSI0	24.07	23.88	23.96	24.50
HSDPA Subtest-4	ANT6	DSI0	23.83	23.92	23.78	24.50
HSUPA Subtest-1	ANT6	DSI0	22.31	22.15	22.34	23.00
HSUPA Subtest-2	ANT6	DSI0	22.00	22.10	22.00	23.00
HSUPA Subtest-3	ANT6	DSI0	22.92	23.01	23.14	24.00
HSUPA Subtest-4	ANT6	DSI0	21.81	21.73	21.72	23.00
HSUPA Subtest-5	ANT6	DSI0	23.26	23.06	23.11	24.00

WCDMA						
WCDMA B4	ANT	DSI State	Output power(dBm)			Tune-up Limit Power(dBm)
Channel			1312	1412	1513	
AMR	ANT6	DSI0	24.88	24.95	24.71	25.50
RMC	ANT6	DSI0	24.89	24.97	24.72	25.50
HSDPA Subtest-1	ANT6	DSI0	23.82	23.91	24.05	24.50
HSDPA Subtest-2	ANT6	DSI0	23.89	23.86	23.90	24.50
HSDPA Subtest-3	ANT6	DSI0	23.37	23.49	23.40	24.50
HSDPA Subtest-4	ANT6	DSI0	23.31	23.51	23.70	24.50
HSUPA Subtest-1	ANT6	DSI0	21.70	21.84	21.84	23.00
HSUPA Subtest-2	ANT6	DSI0	21.98	21.96	21.81	23.00
HSUPA Subtest-3	ANT6	DSI0	22.84	22.88	22.84	24.00
HSUPA Subtest-4	ANT6	DSI0	21.55	21.55	21.69	23.00
HSUPA Subtest-5	ANT6	DSI0	22.99	22.91	23.08	24.00

WCDMA						
WCDMA B5	ANT	DSI State	Output power(dBm)			Tune-up Limit Power(dBm)
Channel			4132	4183	4233	
AMR	ANT2	DSI0	23.11	23.26	23.18	24.50
RMC	ANT2	DSI0	23.13	23.22	23.19	24.50
HSDPA Subtest-1	ANT2	DSI0	22.18	22.18	22.16	23.50
HSDPA Subtest-2	ANT2	DSI0	22.17	22.21	22.05	23.00
HSDPA Subtest-3	ANT2	DSI0	21.78	21.83	21.67	22.50
HSDPA Subtest-4	ANT2	DSI0	21.57	21.75	21.60	22.50
HSUPA Subtest-1	ANT2	DSI0	20.15	20.31	20.48	21.50
HSUPA Subtest-2	ANT2	DSI0	20.25	20.19	20.02	21.00
HSUPA Subtest-3	ANT2	DSI0	21.28	21.34	21.27	22.50
HSUPA Subtest-4	ANT2	DSI0	19.92	19.85	19.90	21.00
HSUPA Subtest-5	ANT2	DSI0	21.17	21.18	21.33	22.00

WCDMA						
WCDMA B2	ANT	DSI State	Output power(dBm)			Tune-up Limit Power(dBm)
Channel			9262	9400	9538	
AMR	ANT6	DSI1	17.79	17.86	17.74	18.50
RMC	ANT6	DSI1	17.90	17.94	17.83	18.50
HSDPA Subtest-1	ANT6	DSI1	17.81	17.80	17.70	18.50
HSDPA Subtest-2	ANT6	DSI1	17.89	17.86	17.75	18.50
HSDPA Subtest-3	ANT6	DSI1	17.76	17.92	17.74	18.50
HSDPA Subtest-4	ANT6	DSI1	17.85	17.83	17.68	18.50
HSUPA Subtest-1	ANT6	DSI1	17.84	17.90	17.77	18.50
HSUPA Subtest-2	ANT6	DSI1	17.77	17.90	17.78	18.50
HSUPA Subtest-3	ANT6	DSI1	17.79	17.90	17.77	18.50
HSUPA Subtest-4	ANT6	DSI1	17.79	17.88	17.79	18.50
HSUPA Subtest-5	ANT6	DSI1	17.85	17.83	17.75	18.50

WCDMA						
WCDMA B4	ANT	DSI State	Output power(dBm)			Tune-up Limit Power(dBm)
Channel			1312	1412	1513	
AMR	ANT6	DSI1	15.82	15.78	15.72	16.50
RMC	ANT6	DSI1	15.89	15.93	15.84	16.50
HSDPA Subtest-1	ANT6	DSI1	14.88	14.91	14.80	15.50
HSDPA Subtest-2	ANT6	DSI1	14.83	14.89	14.78	15.50
HSDPA Subtest-3	ANT6	DSI1	14.41	14.42	14.32	15.50
HSDPA Subtest-4	ANT6	DSI1	14.39	14.36	14.32	15.50
HSUPA Subtest-1	ANT6	DSI1	12.72	12.86	12.67	13.50
HSUPA Subtest-2	ANT6	DSI1	12.74	12.79	12.65	13.50
HSUPA Subtest-3	ANT6	DSI1	13.71	13.83	13.77	14.50
HSUPA Subtest-4	ANT6	DSI1	12.29	12.39	12.28	13.50
HSUPA Subtest-5	ANT6	DSI1	13.78	13.79	13.77	14.50

WCDMA						
WCDMA B5	ANT	DSI State	Output power(dBm)			Tune-up Limit Power(dBm)
Channel			4132	4183	4233	
AMR	ANT2	DSI1	19.20	19.13	19.11	20.50
RMC	ANT2	DSI1	19.28	19.25	19.13	20.50
HSDPA Subtest-1	ANT2	DSI1	18.24	18.20	18.11	19.50
HSDPA Subtest-2	ANT2	DSI1	18.25	18.18	18.08	19.50
HSDPA Subtest-3	ANT2	DSI1	17.79	17.73	17.69	19.00
HSDPA Subtest-4	ANT2	DSI1	17.73	17.74	17.60	19.00
HSUPA Subtest-1	ANT2	DSI1	16.65	16.67	16.67	17.50
HSUPA Subtest-2	ANT2	DSI1	16.11	16.10	16.01	17.00
HSUPA Subtest-3	ANT2	DSI1	17.71	17.71	17.66	19.00
HSUPA Subtest-4	ANT2	DSI1	16.12	16.12	16.06	17.00
HSUPA Subtest-5	ANT2	DSI1	17.20	17.15	17.04	18.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18607	18900	19185	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSIO	23.35	23.38	23.31	24.00
1.4	QPSK	1	2	ANT6	DSIO	23.19	23.32	23.27	24.00
1.4	QPSK	1	5	ANT6	DSIO	23.17	23.26	23.17	24.00
1.4	QPSK	3	0	ANT6	DSIO	23.25	23.34	23.24	24.00
1.4	QPSK	3	1	ANT6	DSIO	23.23	23.29	23.19	24.00
1.4	QPSK	3	3	ANT6	DSIO	23.09	23.21	23.11	24.00
1.4	QPSK	6	0	ANT6	DSIO	22.19	22.21	22.06	23.00
1.4	16QAM	1	0	ANT6	DSIO	22.54	22.64	22.54	23.00
1.4	16QAM	1	2	ANT6	DSIO	22.60	22.65	22.52	23.00
1.4	16QAM	1	5	ANT6	DSIO	22.59	22.66	22.53	23.00
1.4	16QAM	3	0	ANT6	DSIO	22.42	22.44	22.31	23.00
1.4	16QAM	3	1	ANT6	DSIO	22.30	22.44	22.29	23.00
1.4	16QAM	3	3	ANT6	DSIO	22.29	22.39	22.27	23.00
1.4	16QAM	6	0	ANT6	DSIO	21.09	21.12	21.10	22.00
1.4	64QAM	1	0	ANT6	DSIO	21.24	21.35	21.23	22.00
1.4	64QAM	1	2	ANT6	DSIO	21.25	21.38	21.29	22.00
1.4	64QAM	1	5	ANT6	DSIO	21.22	21.33	21.23	22.00
1.4	64QAM	3	0	ANT6	DSIO	21.26	21.31	21.22	22.00
1.4	64QAM	3	1	ANT6	DSIO	21.27	21.33	21.24	22.00
1.4	64QAM	3	3	ANT6	DSIO	21.22	21.30	21.18	22.00
1.4	64QAM	6	0	ANT6	DSIO	20.33	20.46	20.38	21.00
1.4	256QAM	1	0	ANT6	DSIO	18.25	18.35	18.21	19.00
1.4	256QAM	1	2	ANT6	DSIO	18.21	18.34	18.33	19.00
1.4	256QAM	1	5	ANT6	DSIO	18.32	18.37	18.35	19.00
1.4	256QAM	3	0	ANT6	DSIO	18.38	18.50	18.41	19.00
1.4	256QAM	3	1	ANT6	DSIO	18.45	18.47	18.35	19.00
1.4	256QAM	3	3	ANT6	DSIO	18.40	18.47	18.43	19.00
1.4	256QAM	6	0	ANT6	DSIO	18.39	18.42	18.30	19.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18615	18900	19175	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSIO	23.33	23.30	23.21	24.00
3	QPSK	1	7	ANT6	DSIO	23.13	23.30	23.14	24.00
3	QPSK	1	14	ANT6	DSIO	23.25	23.20	23.20	24.00
3	QPSK	8	0	ANT6	DSIO	22.21	22.33	22.26	23.00
3	QPSK	8	3	ANT6	DSIO	22.18	22.36	22.16	23.00
3	QPSK	8	7	ANT6	DSIO	22.18	22.20	22.28	23.00
3	QPSK	15	0	ANT6	DSIO	22.16	22.24	22.13	23.00
3	16QAM	1	0	ANT6	DSIO	22.51	22.57	22.55	23.00
3	16QAM	1	7	ANT6	DSIO	22.56	22.69	22.61	23.00
3	16QAM	1	14	ANT6	DSIO	22.59	22.75	22.61	23.00
3	16QAM	8	0	ANT6	DSIO	21.07	21.30	21.19	22.00
3	16QAM	8	3	ANT6	DSIO	21.01	21.19	21.26	22.00
3	16QAM	8	7	ANT6	DSIO	21.13	21.25	21.19	22.00
3	16QAM	15	0	ANT6	DSIO	21.20	21.19	21.09	22.00
3	64QAM	1	0	ANT6	DSIO	21.55	21.76	21.67	22.00
3	64QAM	1	7	ANT6	DSIO	21.70	21.80	21.67	22.00
3	64QAM	1	14	ANT6	DSIO	21.69	21.92	21.80	22.00
3	64QAM	8	0	ANT6	DSIO	20.20	20.24	20.05	21.00
3	64QAM	8	3	ANT6	DSIO	20.22	20.24	20.21	21.00
3	64QAM	8	7	ANT6	DSIO	20.18	20.30	20.16	21.00
3	64QAM	15	0	ANT6	DSIO	20.07	20.25	20.10	21.00
3	256QAM	1	0	ANT6	DSIO	18.43	18.46	18.31	19.00
3	256QAM	1	7	ANT6	DSIO	18.46	18.59	18.59	19.00
3	256QAM	1	14	ANT6	DSIO	18.56	18.66	18.49	19.00
3	256QAM	8	0	ANT6	DSIO	18.32	18.40	18.39	19.00
3	256QAM	8	3	ANT6	DSIO	18.38	18.49	18.38	19.00
3	256QAM	8	7	ANT6	DSIO	18.38	18.40	18.40	19.00
3	256QAM	15	0	ANT6	DSIO	18.27	18.38	18.34	19.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18625	18900	19175	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSIO	23.24	23.42	23.27	24.00
5	QPSK	1	12	ANT6	DSIO	23.27	23.31	23.21	24.00
5	QPSK	1	24	ANT6	DSIO	23.32	23.28	23.29	24.00
5	QPSK	12	0	ANT6	DSIO	22.34	22.31	22.31	23.00
5	QPSK	12	6	ANT6	DSIO	22.19	22.28	22.27	23.00
5	QPSK	12	13	ANT6	DSIO	22.16	22.21	22.17	23.00
5	QPSK	25	0	ANT6	DSIO	22.21	22.21	22.24	23.00
5	16QAM	1	0	ANT6	DSIO	22.45	22.56	22.53	23.00
5	16QAM	1	12	ANT6	DSIO	22.61	22.70	22.52	23.00
5	16QAM	1	24	ANT6	DSIO	22.61	22.66	22.70	23.00
5	16QAM	12	0	ANT6	DSIO	21.10	21.17	21.19	22.00
5	16QAM	12	6	ANT6	DSIO	21.04	21.25	21.21	22.00
5	16QAM	12	13	ANT6	DSIO	21.18	21.20	21.28	22.00
5	16QAM	25	0	ANT6	DSIO	21.25	21.23	21.14	22.00
5	64QAM	1	0	ANT6	DSIO	21.68	21.71	21.67	22.00
5	64QAM	1	12	ANT6	DSIO	21.67	21.74	21.66	22.00
5	64QAM	1	24	ANT6	DSIO	21.81	21.79	21.78	22.00
5	64QAM	12	0	ANT6	DSIO	20.18	20.16	20.05	21.00
5	64QAM	12	6	ANT6	DSIO	20.14	20.28	20.19	21.00
5	64QAM	12	13	ANT6	DSIO	20.17	20.17	20.17	21.00
5	64QAM	25	0	ANT6	DSIO	20.11	20.13	20.21	21.00
5	256QAM	1	0	ANT6	DSIO	18.40	18.55	18.33	19.00
5	256QAM	1	12	ANT6	DSIO	18.53	18.66	18.53	19.00
5	256QAM	1	24	ANT6	DSIO	18.54	18.64	18.44	19.00
5	256QAM	12	0	ANT6	DSIO	18.32	18.38	18.37	19.00
5	256QAM	12	6	ANT6	DSIO	18.42	18.44	18.31	19.00
5	256QAM	12	13	ANT6	DSIO	18.42	18.38	18.41	19.00
5	256QAM	25	0	ANT6	DSIO	18.29	18.38	18.30	19.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18650	18900	19150	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSIO	23.28	23.39	23.25	24.00
10	QPSK	1	24	ANT6	DSIO	23.17	23.35	23.15	24.00
10	QPSK	1	49	ANT6	DSIO	23.32	23.32	23.30	24.00
10	QPSK	25	0	ANT6	DSIO	22.23	22.39	22.20	23.00
10	QPSK	25	12	ANT6	DSIO	22.19	22.32	22.25	23.00
10	QPSK	25	25	ANT6	DSIO	22.24	22.22	22.20	23.00
10	QPSK	50	0	ANT6	DSIO	22.29	22.21	22.24	23.00
10	16QAM	1	0	ANT6	DSIO	22.44	22.58	22.57	23.00
10	16QAM	1	24	ANT6	DSIO	22.62	22.65	22.52	23.00
10	16QAM	1	49	ANT6	DSIO	22.56	22.76	22.65	23.00
10	16QAM	25	0	ANT6	DSIO	21.18	21.24	21.19	22.00
10	16QAM	25	12	ANT6	DSIO	21.06	21.22	21.16	22.00
10	16QAM	25	25	ANT6	DSIO	21.17	21.25	21.24	22.00
10	16QAM	50	0	ANT6	DSIO	21.23	21.25	21.16	22.00
10	64QAM	1	0	ANT6	DSIO	21.61	21.68	21.63	22.00
10	64QAM	1	24	ANT6	DSIO	21.73	21.76	21.59	22.00
10	64QAM	1	49	ANT6	DSIO	21.79	21.80	21.82	22.00
10	64QAM	25	0	ANT6	DSIO	20.20	20.27	20.04	21.00
10	64QAM	25	12	ANT6	DSIO	20.23	20.20	20.14	21.00
10	64QAM	25	25	ANT6	DSIO	20.07	20.21	20.22	21.00
10	64QAM	50	0	ANT6	DSIO	20.04	20.19	20.17	21.00
10	256QAM	1	0	ANT6	DSIO	18.38	18.48	18.29	19.00
10	256QAM	1	24	ANT6	DSIO	18.57	18.62	18.50	19.00
10	256QAM	1	49	ANT6	DSIO	18.57	18.58	18.54	19.00
10	256QAM	25	0	ANT6	DSIO	18.43	18.49	18.31	19.00
10	256QAM	25	12	ANT6	DSIO	18.41	18.52	18.28	19.00
10	256QAM	25	25	ANT6	DSIO	18.35	18.39	18.45	19.00
10	256QAM	50	0	ANT6	DSIO	18.26	18.36	18.38	19.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18675	18900	19125	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSIO	23.34	23.35	23.18	24.00
15	QPSK	1	37	ANT6	DSIO	23.18	23.37	23.26	24.00
15	QPSK	1	74	ANT6	DSIO	23.19	23.25	23.28	24.00
15	QPSK	36	0	ANT6	DSIO	22.30	22.26	22.25	23.00
15	QPSK	36	19	ANT6	DSIO	22.14	22.30	22.28	23.00
15	QPSK	36	39	ANT6	DSIO	22.15	22.21	22.26	23.00
15	QPSK	75	0	ANT6	DSIO	22.28	22.29	22.26	23.00
15	16QAM	1	0	ANT6	DSIO	22.44	22.55	22.54	23.00
15	16QAM	1	37	ANT6	DSIO	22.63	22.62	22.52	23.00
15	16QAM	1	74	ANT6	DSIO	22.63	22.72	22.65	23.00
15	16QAM	36	0	ANT6	DSIO	21.11	21.16	21.18	22.00
15	16QAM	36	19	ANT6	DSIO	21.04	21.22	21.12	22.00
15	16QAM	36	39	ANT6	DSIO	21.23	21.30	21.25	22.00
15	16QAM	75	0	ANT6	DSIO	21.27	21.25	21.17	22.00
15	64QAM	1	0	ANT6	DSIO	21.66	21.79	21.66	22.00
15	64QAM	1	37	ANT6	DSIO	21.78	21.81	21.63	22.00
15	64QAM	1	74	ANT6	DSIO	21.74	21.80	21.74	22.00
15	64QAM	36	0	ANT6	DSIO	20.15	20.18	20.11	21.00
15	64QAM	36	19	ANT6	DSIO	20.18	20.17	20.24	21.00
15	64QAM	36	39	ANT6	DSIO	20.08	20.24	20.20	21.00
15	64QAM	75	0	ANT6	DSIO	20.06	20.13	20.09	21.00
15	256QAM	1	0	ANT6	DSIO	18.34	18.44	18.32	19.00
15	256QAM	1	37	ANT6	DSIO	18.47	18.55	18.63	19.00
15	256QAM	1	74	ANT6	DSIO	18.55	18.56	18.51	19.00
15	256QAM	36	0	ANT6	DSIO	18.41	18.43	18.37	19.00
15	256QAM	36	19	ANT6	DSIO	18.32	18.50	18.33	19.00
15	256QAM	36	39	ANT6	DSIO	18.47	18.39	18.35	19.00
15	256QAM	75	0	ANT6	DSIO	18.28	18.46	18.30	19.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18700	18900	19100	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSIO	23.35	23.44	23.30	24.00
20	QPSK	1	49	ANT6	DSIO	23.28	23.38	23.28	24.00
20	QPSK	1	99	ANT6	DSIO	23.33	23.34	23.33	24.00
20	QPSK	50	0	ANT6	DSIO	22.35	22.41	22.33	23.00
20	QPSK	50	25	ANT6	DSIO	22.25	22.37	22.30	23.00
20	QPSK	50	50	ANT6	DSIO	22.26	22.34	22.31	23.00
20	QPSK	100	0	ANT6	DSIO	22.31	22.32	22.28	23.00
20	16QAM	1	0	ANT6	DSIO	22.53	22.65	22.63	23.00
20	16QAM	1	49	ANT6	DSIO	22.66	22.75	22.65	23.00
20	16QAM	1	99	ANT6	DSIO	22.65	22.79	22.74	23.00
20	16QAM	50	0	ANT6	DSIO	21.20	21.31	21.21	22.00
20	16QAM	50	25	ANT6	DSIO	21.16	21.30	21.27	22.00
20	16QAM	50	50	ANT6	DSIO	21.28	21.35	21.29	22.00
20	16QAM	100	0	ANT6	DSIO	21.29	21.31	21.20	22.00
20	64QAM	1	0	ANT6	DSIO	21.70	21.83	21.75	22.00
20	64QAM	1	49	ANT6	DSIO	21.79	21.87	21.74	22.00
20	64QAM	1	99	ANT6	DSIO	21.82	21.93	21.85	22.00
20	64QAM	50	0	ANT6	DSIO	20.24	20.28	20.16	21.00
20	64QAM	50	25	ANT6	DSIO	20.29	20.31	20.25	21.00
20	64QAM	50	50	ANT6	DSIO	20.19	20.31	20.26	21.00
20	64QAM	100	0	ANT6	DSIO	20.18	20.26	20.22	21.00
20	256QAM	1	0	ANT6	DSIO	18.49	18.57	18.44	19.00
20	256QAM	1	49	ANT6	DSIO	18.61	18.68	18.65	19.00
20	256QAM	1	99	ANT6	DSIO	18.66	18.71	18.58	19.00
20	256QAM	50	0	ANT6	DSIO	18.47	18.51	18.42	19.00
20	256QAM	50	25	ANT6	DSIO	18.43	18.56	18.42	19.00
20	256QAM	50	50	ANT6	DSIO	18.48	18.52	18.50	19.00
20	256QAM	100	0	ANT6	DSIO	18.33	18.48	18.39	19.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18607	18900	19185	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSI1	16.13	16.27	16.11	17.00
1.4	QPSK	1	2	ANT6	DSI1	16.07	16.23	16.14	17.00
1.4	QPSK	1	5	ANT6	DSI1	16.06	16.15	16.21	17.00
1.4	QPSK	3	0	ANT6	DSI1	16.06	16.24	16.22	17.00
1.4	QPSK	3	1	ANT6	DSI1	16.13	16.18	16.15	17.00
1.4	QPSK	3	3	ANT6	DSI1	16.12	16.28	16.15	17.00
1.4	QPSK	6	0	ANT6	DSI1	16.04	16.26	16.20	17.00
1.4	16QAM	1	0	ANT6	DSI1	16.13	16.23	16.21	17.00
1.4	16QAM	1	2	ANT6	DSI1	16.06	16.27	16.14	17.00
1.4	16QAM	1	5	ANT6	DSI1	16.04	16.27	16.12	17.00
1.4	16QAM	3	0	ANT6	DSI1	16.03	16.16	16.11	17.00
1.4	16QAM	3	1	ANT6	DSI1	16.17	16.19	16.13	17.00
1.4	16QAM	3	3	ANT6	DSI1	16.06	16.23	16.20	17.00
1.4	16QAM	6	0	ANT6	DSI1	16.13	16.21	16.16	17.00
1.4	64QAM	1	0	ANT6	DSI1	16.09	16.18	16.15	17.00
1.4	64QAM	1	2	ANT6	DSI1	16.09	16.28	16.15	17.00
1.4	64QAM	1	5	ANT6	DSI1	16.12	16.21	16.18	17.00
1.4	64QAM	3	0	ANT6	DSI1	16.08	16.25	16.08	17.00
1.4	64QAM	3	1	ANT6	DSI1	16.03	16.15	16.16	17.00
1.4	64QAM	3	3	ANT6	DSI1	16.05	16.16	16.13	17.00
1.4	64QAM	6	0	ANT6	DSI1	16.11	16.15	16.08	17.00
1.4	256QAM	1	0	ANT6	DSI1	16.04	16.18	16.21	17.00
1.4	256QAM	1	2	ANT6	DSI1	16.08	16.21	16.14	17.00
1.4	256QAM	1	5	ANT6	DSI1	16.17	16.24	16.10	17.00
1.4	256QAM	3	0	ANT6	DSI1	16.09	16.23	16.14	17.00
1.4	256QAM	3	1	ANT6	DSI1	16.03	16.26	16.18	17.00
1.4	256QAM	3	3	ANT6	DSI1	16.12	16.27	16.18	17.00
1.4	256QAM	6	0	ANT6	DSI1	16.05	16.18	16.09	17.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18615	18900	19175	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSI1	16.07	16.20	16.10	17.00
3	QPSK	1	7	ANT6	DSI1	16.10	16.20	16.18	17.00
3	QPSK	1	14	ANT6	DSI1	16.16	16.24	16.19	17.00
3	QPSK	8	0	ANT6	DSI1	16.09	16.27	16.17	17.00
3	QPSK	8	3	ANT6	DSI1	16.06	16.27	16.22	17.00
3	QPSK	8	7	ANT6	DSI1	16.16	16.19	16.19	17.00
3	QPSK	15	0	ANT6	DSI1	16.05	16.28	16.15	17.00
3	16QAM	1	0	ANT6	DSI1	16.08	16.23	16.20	17.00
3	16QAM	1	7	ANT6	DSI1	16.11	16.28	16.16	17.00
3	16QAM	1	14	ANT6	DSI1	16.06	16.18	16.21	17.00
3	16QAM	8	0	ANT6	DSI1	16.13	16.15	16.11	17.00
3	16QAM	8	3	ANT6	DSI1	16.15	16.27	16.22	17.00
3	16QAM	8	7	ANT6	DSI1	16.05	16.24	16.09	17.00
3	16QAM	15	0	ANT6	DSI1	16.15	16.20	16.08	17.00
3	64QAM	1	0	ANT6	DSI1	16.09	16.20	16.20	17.00
3	64QAM	1	7	ANT6	DSI1	16.03	16.25	16.16	17.00
3	64QAM	1	14	ANT6	DSI1	16.16	16.21	16.15	17.00
3	64QAM	8	0	ANT6	DSI1	16.08	16.23	16.16	17.00
3	64QAM	8	3	ANT6	DSI1	16.04	16.24	16.15	17.00
3	64QAM	8	7	ANT6	DSI1	16.15	16.23	16.19	17.00
3	64QAM	15	0	ANT6	DSI1	16.04	16.28	16.13	17.00
3	256QAM	1	0	ANT6	DSI1	16.17	16.18	16.09	17.00
3	256QAM	1	7	ANT6	DSI1	16.08	16.16	16.11	17.00
3	256QAM	1	14	ANT6	DSI1	16.12	16.22	16.09	17.00
3	256QAM	8	0	ANT6	DSI1	16.03	16.18	16.10	17.00
3	256QAM	8	3	ANT6	DSI1	16.10	16.15	16.21	17.00
3	256QAM	8	7	ANT6	DSI1	16.15	16.26	16.08	17.00
3	256QAM	15	0	ANT6	DSI1	16.08	16.16	16.09	17.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18625	18900	19175	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSI1	16.16	16.16	16.18	17.00
5	QPSK	1	12	ANT6	DSI1	16.15	16.21	16.11	17.00
5	QPSK	1	24	ANT6	DSI1	16.06	16.18	16.20	17.00
5	QPSK	12	0	ANT6	DSI1	16.17	16.22	16.13	17.00
5	QPSK	12	6	ANT6	DSI1	16.15	16.16	16.20	17.00
5	QPSK	12	13	ANT6	DSI1	16.06	16.26	16.12	17.00
5	QPSK	25	0	ANT6	DSI1	16.13	16.19	16.18	17.00
5	16QAM	1	0	ANT6	DSI1	16.13	16.22	16.18	17.00
5	16QAM	1	12	ANT6	DSI1	16.14	16.24	16.19	17.00
5	16QAM	1	24	ANT6	DSI1	16.03	16.17	16.21	17.00
5	16QAM	12	0	ANT6	DSI1	16.08	16.17	16.19	17.00
5	16QAM	12	6	ANT6	DSI1	16.06	16.28	16.20	17.00
5	16QAM	12	13	ANT6	DSI1	16.04	16.20	16.11	17.00
5	16QAM	25	0	ANT6	DSI1	16.11	16.21	16.15	17.00
5	64QAM	1	0	ANT6	DSI1	16.11	16.16	16.19	17.00
5	64QAM	1	12	ANT6	DSI1	16.16	16.22	16.14	17.00
5	64QAM	1	24	ANT6	DSI1	16.08	16.29	16.16	17.00
5	64QAM	12	0	ANT6	DSI1	16.15	16.29	16.09	17.00
5	64QAM	12	6	ANT6	DSI1	16.14	16.24	16.14	17.00
5	64QAM	12	13	ANT6	DSI1	16.13	16.17	16.20	17.00
5	64QAM	25	0	ANT6	DSI1	16.06	16.15	16.11	17.00
5	256QAM	1	0	ANT6	DSI1	16.15	16.15	16.13	17.00
5	256QAM	1	12	ANT6	DSI1	16.15	16.21	16.18	17.00
5	256QAM	1	24	ANT6	DSI1	16.05	16.26	16.18	17.00
5	256QAM	12	0	ANT6	DSI1	16.08	16.17	16.21	17.00
5	256QAM	12	6	ANT6	DSI1	16.04	16.28	16.09	17.00
5	256QAM	12	13	ANT6	DSI1	16.17	16.24	16.18	17.00
5	256QAM	25	0	ANT6	DSI1	16.11	16.19	16.16	17.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18650	18900	19150	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSI1	16.16	16.26	16.12	17.00
10	QPSK	1	24	ANT6	DSI1	16.13	16.16	16.22	17.00
10	QPSK	1	49	ANT6	DSI1	16.05	16.24	16.22	17.00
10	QPSK	25	0	ANT6	DSI1	16.03	16.27	16.18	17.00
10	QPSK	25	12	ANT6	DSI1	16.16	16.20	16.21	17.00
10	QPSK	25	25	ANT6	DSI1	16.16	16.16	16.19	17.00
10	QPSK	50	0	ANT6	DSI1	16.15	16.18	16.22	17.00
10	16QAM	1	0	ANT6	DSI1	16.03	16.22	16.17	17.00
10	16QAM	1	24	ANT6	DSI1	16.05	16.15	16.19	17.00
10	16QAM	1	49	ANT6	DSI1	16.11	16.23	16.14	17.00
10	16QAM	25	0	ANT6	DSI1	16.17	16.22	16.08	17.00
10	16QAM	25	12	ANT6	DSI1	16.05	16.25	16.10	17.00
10	16QAM	25	25	ANT6	DSI1	16.05	16.22	16.13	17.00
10	16QAM	50	0	ANT6	DSI1	16.03	16.17	16.18	17.00
10	64QAM	1	0	ANT6	DSI1	16.07	16.29	16.15	17.00
10	64QAM	1	24	ANT6	DSI1	16.05	16.20	16.22	17.00
10	64QAM	1	49	ANT6	DSI1	16.16	16.21	16.16	17.00
10	64QAM	25	0	ANT6	DSI1	16.12	16.20	16.20	17.00
10	64QAM	25	12	ANT6	DSI1	16.16	16.28	16.10	17.00
10	64QAM	25	25	ANT6	DSI1	16.16	16.29	16.17	17.00
10	64QAM	50	0	ANT6	DSI1	16.04	16.24	16.09	17.00
10	256QAM	1	0	ANT6	DSI1	16.17	16.16	16.21	17.00
10	256QAM	1	24	ANT6	DSI1	16.05	16.25	16.19	17.00
10	256QAM	1	49	ANT6	DSI1	16.05	16.19	16.13	17.00
10	256QAM	25	0	ANT6	DSI1	16.05	16.26	16.14	17.00
10	256QAM	25	12	ANT6	DSI1	16.06	16.25	16.17	17.00
10	256QAM	25	25	ANT6	DSI1	16.06	16.20	16.19	17.00
10	256QAM	50	0	ANT6	DSI1	16.04	16.29	16.14	17.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18675	18900	19125	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSI1	16.07	16.18	16.13	17.00
15	QPSK	1	37	ANT6	DSI1	16.13	16.19	16.17	17.00
15	QPSK	1	74	ANT6	DSI1	16.13	16.28	16.22	17.00
15	QPSK	36	0	ANT6	DSI1	16.14	16.21	16.15	17.00
15	QPSK	36	19	ANT6	DSI1	16.13	16.15	16.14	17.00
15	QPSK	36	39	ANT6	DSI1	16.16	16.23	16.17	17.00
15	QPSK	75	0	ANT6	DSI1	16.16	16.23	16.08	17.00
15	16QAM	1	0	ANT6	DSI1	16.13	16.25	16.11	17.00
15	16QAM	1	37	ANT6	DSI1	16.14	16.22	16.14	17.00
15	16QAM	1	74	ANT6	DSI1	16.17	16.18	16.10	17.00
15	16QAM	36	0	ANT6	DSI1	16.12	16.29	16.12	17.00
15	16QAM	36	19	ANT6	DSI1	16.09	16.15	16.19	17.00
15	16QAM	36	39	ANT6	DSI1	16.13	16.29	16.09	17.00
15	16QAM	75	0	ANT6	DSI1	16.07	16.24	16.20	17.00
15	64QAM	1	0	ANT6	DSI1	16.13	16.19	16.18	17.00
15	64QAM	1	37	ANT6	DSI1	16.14	16.18	16.15	17.00
15	64QAM	1	74	ANT6	DSI1	16.17	16.26	16.17	17.00
15	64QAM	36	0	ANT6	DSI1	16.03	16.27	16.21	17.00
15	64QAM	36	19	ANT6	DSI1	16.17	16.16	16.08	17.00
15	64QAM	36	39	ANT6	DSI1	16.14	16.20	16.08	17.00
15	64QAM	75	0	ANT6	DSI1	16.17	16.19	16.10	17.00
15	256QAM	1	0	ANT6	DSI1	16.08	16.28	16.17	17.00
15	256QAM	1	37	ANT6	DSI1	16.11	16.17	16.09	17.00
15	256QAM	1	74	ANT6	DSI1	16.07	16.29	16.11	17.00
15	256QAM	36	0	ANT6	DSI1	16.03	16.21	16.16	17.00
15	256QAM	36	19	ANT6	DSI1	16.09	16.19	16.17	17.00
15	256QAM	36	39	ANT6	DSI1	16.05	16.17	16.22	17.00
15	256QAM	75	0	ANT6	DSI1	16.10	16.22	16.13	17.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18700	18900	19100	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSI1	16.18	16.30	16.23	17.00
20	QPSK	1	49	ANT6	DSI1	16.13	16.23	16.16	17.00
20	QPSK	1	99	ANT6	DSI1	16.12	16.18	16.17	17.00
20	QPSK	50	0	ANT6	DSI1	16.04	16.21	16.18	17.00
20	QPSK	50	25	ANT6	DSI1	16.13	16.18	16.19	17.00
20	QPSK	50	50	ANT6	DSI1	16.09	16.16	16.12	17.00
20	QPSK	100	0	ANT6	DSI1	16.05	16.28	16.21	17.00
20	16QAM	1	0	ANT6	DSI1	16.15	16.22	16.18	17.00
20	16QAM	1	49	ANT6	DSI1	16.06	16.18	16.15	17.00
20	16QAM	1	99	ANT6	DSI1	16.03	16.15	16.22	17.00
20	16QAM	50	0	ANT6	DSI1	16.04	16.17	16.17	17.00
20	16QAM	50	25	ANT6	DSI1	16.17	16.21	16.13	17.00
20	16QAM	50	50	ANT6	DSI1	16.05	16.16	16.19	17.00
20	16QAM	100	0	ANT6	DSI1	16.14	16.29	16.13	17.00
20	64QAM	1	0	ANT6	DSI1	16.06	16.28	16.10	17.00
20	64QAM	1	49	ANT6	DSI1	16.09	16.18	16.22	17.00
20	64QAM	1	99	ANT6	DSI1	16.11	16.19	16.16	17.00
20	64QAM	50	0	ANT6	DSI1	16.06	16.27	16.12	17.00
20	64QAM	50	25	ANT6	DSI1	16.11	16.16	16.21	17.00
20	64QAM	50	50	ANT6	DSI1	16.10	16.22	16.14	17.00
20	64QAM	100	0	ANT6	DSI1	16.12	16.25	16.14	17.00
20	256QAM	1	0	ANT6	DSI1	16.03	16.21	16.12	17.00
20	256QAM	1	49	ANT6	DSI1	16.05	16.15	16.19	17.00
20	256QAM	1	99	ANT6	DSI1	16.10	16.21	16.10	17.00
20	256QAM	50	0	ANT6	DSI1	16.15	16.23	16.15	17.00
20	256QAM	50	25	ANT6	DSI1	16.17	16.15	16.14	17.00
20	256QAM	50	50	ANT6	DSI1	16.12	16.23	16.19	17.00
20	256QAM	100	0	ANT6	DSI1	16.04	16.22	16.10	17.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18607	18900	19185	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSIO	20.35	20.38	20.31	21.00
1.4	QPSK	1	2	ANT6	DSIO	20.19	20.32	20.27	21.00
1.4	QPSK	1	5	ANT6	DSIO	20.17	20.26	20.17	21.00
1.4	QPSK	3	0	ANT6	DSIO	20.25	20.34	20.24	21.00
1.4	QPSK	3	1	ANT6	DSIO	20.23	20.29	20.19	21.00
1.4	QPSK	3	3	ANT6	DSIO	20.09	20.21	20.11	21.00
1.4	QPSK	6	0	ANT6	DSIO	19.19	19.21	19.06	20.00
1.4	16QAM	1	0	ANT6	DSIO	19.54	19.64	19.54	20.00
1.4	16QAM	1	2	ANT6	DSIO	19.60	19.65	19.52	20.00
1.4	16QAM	1	5	ANT6	DSIO	19.59	19.66	19.53	20.00
1.4	16QAM	3	0	ANT6	DSIO	19.42	19.44	19.31	20.00
1.4	16QAM	3	1	ANT6	DSIO	19.30	19.44	19.29	20.00
1.4	16QAM	3	3	ANT6	DSIO	19.29	19.39	19.27	20.00
1.4	16QAM	6	0	ANT6	DSIO	18.09	18.12	18.10	19.00
1.4	64QAM	1	0	ANT6	DSIO	18.24	18.35	18.23	19.00
1.4	64QAM	1	2	ANT6	DSIO	18.25	18.38	18.29	19.00
1.4	64QAM	1	5	ANT6	DSIO	18.22	18.33	18.23	19.00
1.4	64QAM	3	0	ANT6	DSIO	18.26	18.31	18.22	19.00
1.4	64QAM	3	1	ANT6	DSIO	18.27	18.33	18.24	19.00
1.4	64QAM	3	3	ANT6	DSIO	18.22	18.30	18.18	19.00
1.4	64QAM	6	0	ANT6	DSIO	17.33	17.46	17.38	18.00
1.4	256QAM	1	0	ANT6	DSIO	15.25	15.35	15.21	16.00
1.4	256QAM	1	2	ANT6	DSIO	15.21	15.34	15.33	16.00
1.4	256QAM	1	5	ANT6	DSIO	15.32	15.37	15.35	16.00
1.4	256QAM	3	0	ANT6	DSIO	15.38	15.50	15.41	16.00
1.4	256QAM	3	1	ANT6	DSIO	15.45	15.47	15.35	16.00
1.4	256QAM	3	3	ANT6	DSIO	15.40	15.47	15.43	16.00
1.4	256QAM	6	0	ANT6	DSIO	15.39	15.42	15.30	16.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18615	18900	19175	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSIO	20.33	20.30	20.21	21.00
3	QPSK	1	7	ANT6	DSIO	20.13	20.30	20.14	21.00
3	QPSK	1	14	ANT6	DSIO	20.25	20.20	20.20	21.00
3	QPSK	8	0	ANT6	DSIO	19.21	19.33	19.26	20.00
3	QPSK	8	3	ANT6	DSIO	19.18	19.36	19.16	20.00
3	QPSK	8	7	ANT6	DSIO	19.18	19.20	19.28	20.00
3	QPSK	15	0	ANT6	DSIO	19.16	19.24	19.13	20.00
3	16QAM	1	0	ANT6	DSIO	19.51	19.57	19.55	20.00
3	16QAM	1	7	ANT6	DSIO	19.56	19.69	19.61	20.00
3	16QAM	1	14	ANT6	DSIO	19.59	19.75	19.61	20.00
3	16QAM	8	0	ANT6	DSIO	18.07	18.30	18.19	19.00
3	16QAM	8	3	ANT6	DSIO	18.01	18.19	18.26	19.00
3	16QAM	8	7	ANT6	DSIO	18.13	18.25	18.19	19.00
3	16QAM	15	0	ANT6	DSIO	18.20	18.19	18.09	19.00
3	64QAM	1	0	ANT6	DSIO	18.55	18.76	18.67	19.00
3	64QAM	1	7	ANT6	DSIO	18.70	18.80	18.67	19.00
3	64QAM	1	14	ANT6	DSIO	18.69	18.92	18.80	19.00
3	64QAM	8	0	ANT6	DSIO	17.20	17.24	17.05	18.00
3	64QAM	8	3	ANT6	DSIO	17.22	17.24	17.21	18.00
3	64QAM	8	7	ANT6	DSIO	17.18	17.30	17.16	18.00
3	64QAM	15	0	ANT6	DSIO	17.07	17.25	17.10	18.00
3	256QAM	1	0	ANT6	DSIO	15.43	15.46	15.31	16.00
3	256QAM	1	7	ANT6	DSIO	15.46	15.59	15.59	16.00
3	256QAM	1	14	ANT6	DSIO	15.56	15.66	15.49	16.00
3	256QAM	8	0	ANT6	DSIO	15.32	15.40	15.39	16.00
3	256QAM	8	3	ANT6	DSIO	15.38	15.49	15.38	16.00
3	256QAM	8	7	ANT6	DSIO	15.38	15.40	15.40	16.00
3	256QAM	15	0	ANT6	DSIO	15.27	15.38	15.34	16.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18625	18900	19175	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSIO	20.24	20.42	20.27	21.00
5	QPSK	1	12	ANT6	DSIO	20.27	20.31	20.21	21.00
5	QPSK	1	24	ANT6	DSIO	20.32	20.28	20.29	21.00
5	QPSK	12	0	ANT6	DSIO	19.34	19.31	19.31	20.00
5	QPSK	12	6	ANT6	DSIO	19.19	19.28	19.27	20.00
5	QPSK	12	13	ANT6	DSIO	19.16	19.21	19.17	20.00
5	QPSK	25	0	ANT6	DSIO	19.21	19.21	19.24	20.00
5	16QAM	1	0	ANT6	DSIO	19.45	19.56	19.53	20.00
5	16QAM	1	12	ANT6	DSIO	19.61	19.70	19.52	20.00
5	16QAM	1	24	ANT6	DSIO	19.61	19.66	19.70	20.00
5	16QAM	12	0	ANT6	DSIO	18.10	18.17	18.19	19.00
5	16QAM	12	6	ANT6	DSIO	18.04	18.25	18.21	19.00
5	16QAM	12	13	ANT6	DSIO	18.18	18.20	18.28	19.00
5	16QAM	25	0	ANT6	DSIO	18.25	18.23	18.14	19.00
5	64QAM	1	0	ANT6	DSIO	18.68	18.71	18.67	19.00
5	64QAM	1	12	ANT6	DSIO	18.67	18.74	18.66	19.00
5	64QAM	1	24	ANT6	DSIO	18.81	18.79	18.78	19.00
5	64QAM	12	0	ANT6	DSIO	17.18	17.16	17.05	18.00
5	64QAM	12	6	ANT6	DSIO	17.14	17.28	17.19	18.00
5	64QAM	12	13	ANT6	DSIO	17.17	17.17	17.17	18.00
5	64QAM	25	0	ANT6	DSIO	17.11	17.13	17.21	18.00
5	256QAM	1	0	ANT6	DSIO	15.40	15.55	15.33	16.00
5	256QAM	1	12	ANT6	DSIO	15.53	15.66	15.53	16.00
5	256QAM	1	24	ANT6	DSIO	15.54	15.64	15.44	16.00
5	256QAM	12	0	ANT6	DSIO	15.32	15.38	15.37	16.00
5	256QAM	12	6	ANT6	DSIO	15.42	15.44	15.31	16.00
5	256QAM	12	13	ANT6	DSIO	15.42	15.38	15.41	16.00
5	256QAM	25	0	ANT6	DSIO	15.29	15.38	15.30	16.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18650	18900	19150	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSIO	20.28	20.39	20.25	21.00
10	QPSK	1	24	ANT6	DSIO	20.17	20.35	20.15	21.00
10	QPSK	1	49	ANT6	DSIO	20.32	20.32	20.30	21.00
10	QPSK	25	0	ANT6	DSIO	19.23	19.39	19.20	20.00
10	QPSK	25	12	ANT6	DSIO	19.19	19.32	19.25	20.00
10	QPSK	25	25	ANT6	DSIO	19.24	19.22	19.20	20.00
10	QPSK	50	0	ANT6	DSIO	19.29	19.21	19.24	20.00
10	16QAM	1	0	ANT6	DSIO	19.44	19.58	19.57	20.00
10	16QAM	1	24	ANT6	DSIO	19.62	19.65	19.52	20.00
10	16QAM	1	49	ANT6	DSIO	19.56	19.76	19.65	20.00
10	16QAM	25	0	ANT6	DSIO	18.18	18.24	18.19	19.00
10	16QAM	25	12	ANT6	DSIO	18.06	18.22	18.16	19.00
10	16QAM	25	25	ANT6	DSIO	18.17	18.25	18.24	19.00
10	16QAM	50	0	ANT6	DSIO	18.23	18.25	18.16	19.00
10	64QAM	1	0	ANT6	DSIO	18.61	18.68	18.63	19.00
10	64QAM	1	24	ANT6	DSIO	18.73	18.76	18.59	19.00
10	64QAM	1	49	ANT6	DSIO	18.79	18.80	18.82	19.00
10	64QAM	25	0	ANT6	DSIO	17.20	17.27	17.04	18.00
10	64QAM	25	12	ANT6	DSIO	17.23	17.20	17.14	18.00
10	64QAM	25	25	ANT6	DSIO	17.07	17.21	17.22	18.00
10	64QAM	50	0	ANT6	DSIO	17.04	17.19	17.17	18.00
10	256QAM	1	0	ANT6	DSIO	15.38	15.48	15.29	16.00
10	256QAM	1	24	ANT6	DSIO	15.57	15.62	15.50	16.00
10	256QAM	1	49	ANT6	DSIO	15.57	15.58	15.54	16.00
10	256QAM	25	0	ANT6	DSIO	15.43	15.49	15.31	16.00
10	256QAM	25	12	ANT6	DSIO	15.41	15.52	15.28	16.00
10	256QAM	25	25	ANT6	DSIO	15.35	15.39	15.45	16.00
10	256QAM	50	0	ANT6	DSIO	15.26	15.36	15.38	16.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18675	18900	19125	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSIO	20.34	20.35	20.18	21.00
15	QPSK	1	37	ANT6	DSIO	20.18	20.37	20.26	21.00
15	QPSK	1	74	ANT6	DSIO	20.19	20.25	20.28	21.00
15	QPSK	36	0	ANT6	DSIO	19.30	19.26	19.25	20.00
15	QPSK	36	19	ANT6	DSIO	19.14	19.30	19.28	20.00
15	QPSK	36	39	ANT6	DSIO	19.15	19.21	19.26	20.00
15	QPSK	75	0	ANT6	DSIO	19.28	19.29	19.26	20.00
15	16QAM	1	0	ANT6	DSIO	19.44	19.55	19.54	20.00
15	16QAM	1	37	ANT6	DSIO	19.63	19.62	19.52	20.00
15	16QAM	1	74	ANT6	DSIO	19.63	19.72	19.65	20.00
15	16QAM	36	0	ANT6	DSIO	18.11	18.16	18.18	19.00
15	16QAM	36	19	ANT6	DSIO	18.04	18.22	18.12	19.00
15	16QAM	36	39	ANT6	DSIO	18.23	18.30	18.25	19.00
15	16QAM	75	0	ANT6	DSIO	18.27	18.25	18.17	19.00
15	64QAM	1	0	ANT6	DSIO	18.66	18.79	18.66	19.00
15	64QAM	1	37	ANT6	DSIO	18.78	18.81	18.63	19.00
15	64QAM	1	74	ANT6	DSIO	18.74	18.80	18.74	19.00
15	64QAM	36	0	ANT6	DSIO	17.15	17.18	17.11	18.00
15	64QAM	36	19	ANT6	DSIO	17.18	17.17	17.24	18.00
15	64QAM	36	39	ANT6	DSIO	17.08	17.24	17.20	18.00
15	64QAM	75	0	ANT6	DSIO	17.06	17.13	17.09	18.00
15	256QAM	1	0	ANT6	DSIO	15.34	15.44	15.32	16.00
15	256QAM	1	37	ANT6	DSIO	15.47	15.55	15.63	16.00
15	256QAM	1	74	ANT6	DSIO	15.55	15.56	15.51	16.00
15	256QAM	36	0	ANT6	DSIO	15.41	15.43	15.37	16.00
15	256QAM	36	19	ANT6	DSIO	15.32	15.50	15.33	16.00
15	256QAM	36	39	ANT6	DSIO	15.47	15.39	15.35	16.00
15	256QAM	75	0	ANT6	DSIO	15.28	15.46	15.30	16.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18700	18900	19100	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSIO	20.35	20.44	20.30	21.00
20	QPSK	1	49	ANT6	DSIO	20.28	20.38	20.28	21.00
20	QPSK	1	99	ANT6	DSIO	20.33	20.34	20.33	21.00
20	QPSK	50	0	ANT6	DSIO	19.35	19.41	19.33	20.00
20	QPSK	50	25	ANT6	DSIO	19.25	19.37	19.30	20.00
20	QPSK	50	50	ANT6	DSIO	19.26	19.34	19.31	20.00
20	QPSK	100	0	ANT6	DSIO	19.31	19.32	19.28	20.00
20	16QAM	1	0	ANT6	DSIO	19.53	19.65	19.63	20.00
20	16QAM	1	49	ANT6	DSIO	19.66	19.75	19.65	20.00
20	16QAM	1	99	ANT6	DSIO	19.65	19.79	19.74	20.00
20	16QAM	50	0	ANT6	DSIO	18.20	18.31	18.21	19.00
20	16QAM	50	25	ANT6	DSIO	18.16	18.30	18.27	19.00
20	16QAM	50	50	ANT6	DSIO	18.28	18.35	18.29	19.00
20	16QAM	100	0	ANT6	DSIO	18.29	18.31	18.20	19.00
20	64QAM	1	0	ANT6	DSIO	18.70	18.83	18.75	19.00
20	64QAM	1	49	ANT6	DSIO	18.79	18.87	18.74	19.00
20	64QAM	1	99	ANT6	DSIO	18.82	18.93	18.85	19.00
20	64QAM	50	0	ANT6	DSIO	17.24	17.28	17.16	18.00
20	64QAM	50	25	ANT6	DSIO	17.29	17.31	17.25	18.00
20	64QAM	50	50	ANT6	DSIO	17.19	17.31	17.26	18.00
20	64QAM	100	0	ANT6	DSIO	17.18	17.26	17.22	18.00
20	256QAM	1	0	ANT6	DSIO	15.49	15.57	15.44	16.00
20	256QAM	1	49	ANT6	DSIO	15.61	15.68	15.65	16.00
20	256QAM	1	99	ANT6	DSIO	15.66	15.71	15.58	16.00
20	256QAM	50	0	ANT6	DSIO	15.47	15.51	15.42	16.00
20	256QAM	50	25	ANT6	DSIO	15.43	15.56	15.42	16.00
20	256QAM	50	50	ANT6	DSIO	15.48	15.52	15.50	16.00
20	256QAM	100	0	ANT6	DSIO	15.33	15.48	15.39	16.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18607	18900	19185	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSI1	13.13	13.27	13.11	14.00
1.4	QPSK	1	2	ANT6	DSI1	13.07	13.23	13.14	14.00
1.4	QPSK	1	5	ANT6	DSI1	13.06	13.15	13.21	14.00
1.4	QPSK	3	0	ANT6	DSI1	13.06	13.24	13.22	14.00
1.4	QPSK	3	1	ANT6	DSI1	13.13	13.18	13.15	14.00
1.4	QPSK	3	3	ANT6	DSI1	13.12	13.28	13.15	14.00
1.4	QPSK	6	0	ANT6	DSI1	13.04	13.26	13.20	14.00
1.4	16QAM	1	0	ANT6	DSI1	13.13	13.23	13.21	14.00
1.4	16QAM	1	2	ANT6	DSI1	13.06	13.27	13.14	14.00
1.4	16QAM	1	5	ANT6	DSI1	13.04	13.27	13.12	14.00
1.4	16QAM	3	0	ANT6	DSI1	13.03	13.16	13.11	14.00
1.4	16QAM	3	1	ANT6	DSI1	13.17	13.19	13.13	14.00
1.4	16QAM	3	3	ANT6	DSI1	13.06	13.23	13.20	14.00
1.4	16QAM	6	0	ANT6	DSI1	13.13	13.21	13.16	14.00
1.4	64QAM	1	0	ANT6	DSI1	13.09	13.18	13.15	14.00
1.4	64QAM	1	2	ANT6	DSI1	13.09	13.28	13.15	14.00
1.4	64QAM	1	5	ANT6	DSI1	13.12	13.21	13.18	14.00
1.4	64QAM	3	0	ANT6	DSI1	13.08	13.25	13.08	14.00
1.4	64QAM	3	1	ANT6	DSI1	13.03	13.15	13.16	14.00
1.4	64QAM	3	3	ANT6	DSI1	13.05	13.16	13.13	14.00
1.4	64QAM	6	0	ANT6	DSI1	13.11	13.15	13.08	14.00
1.4	256QAM	1	0	ANT6	DSI1	13.04	13.18	13.21	14.00
1.4	256QAM	1	2	ANT6	DSI1	13.08	13.21	13.14	14.00
1.4	256QAM	1	5	ANT6	DSI1	13.17	13.24	13.10	14.00
1.4	256QAM	3	0	ANT6	DSI1	13.09	13.23	13.14	14.00
1.4	256QAM	3	1	ANT6	DSI1	13.03	13.26	13.18	14.00
1.4	256QAM	3	3	ANT6	DSI1	13.12	13.27	13.18	14.00
1.4	256QAM	6	0	ANT6	DSI1	13.05	13.18	13.09	14.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18615	18900	19175	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSI1	13.07	13.20	13.10	14.00
3	QPSK	1	7	ANT6	DSI1	13.10	13.20	13.18	14.00
3	QPSK	1	14	ANT6	DSI1	13.16	13.24	13.19	14.00
3	QPSK	8	0	ANT6	DSI1	13.09	13.27	13.17	14.00
3	QPSK	8	3	ANT6	DSI1	13.06	13.27	13.22	14.00
3	QPSK	8	7	ANT6	DSI1	13.16	13.19	13.19	14.00
3	QPSK	15	0	ANT6	DSI1	13.05	13.28	13.15	14.00
3	16QAM	1	0	ANT6	DSI1	13.08	13.23	13.20	14.00
3	16QAM	1	7	ANT6	DSI1	13.11	13.28	13.16	14.00
3	16QAM	1	14	ANT6	DSI1	13.06	13.18	13.21	14.00
3	16QAM	8	0	ANT6	DSI1	13.13	13.15	13.11	14.00
3	16QAM	8	3	ANT6	DSI1	13.15	13.27	13.22	14.00
3	16QAM	8	7	ANT6	DSI1	13.05	13.24	13.09	14.00
3	16QAM	15	0	ANT6	DSI1	13.15	13.20	13.08	14.00
3	64QAM	1	0	ANT6	DSI1	13.09	13.20	13.20	14.00
3	64QAM	1	7	ANT6	DSI1	13.03	13.25	13.16	14.00
3	64QAM	1	14	ANT6	DSI1	13.16	13.21	13.15	14.00
3	64QAM	8	0	ANT6	DSI1	13.08	13.23	13.16	14.00
3	64QAM	8	3	ANT6	DSI1	13.04	13.24	13.15	14.00
3	64QAM	8	7	ANT6	DSI1	13.15	13.23	13.19	14.00
3	64QAM	15	0	ANT6	DSI1	13.04	13.28	13.13	14.00
3	256QAM	1	0	ANT6	DSI1	13.17	13.18	13.09	14.00
3	256QAM	1	7	ANT6	DSI1	13.08	13.16	13.11	14.00
3	256QAM	1	14	ANT6	DSI1	13.12	13.22	13.09	14.00
3	256QAM	8	0	ANT6	DSI1	13.03	13.18	13.10	14.00
3	256QAM	8	3	ANT6	DSI1	13.10	13.15	13.21	14.00
3	256QAM	8	7	ANT6	DSI1	13.15	13.26	13.08	14.00
3	256QAM	15	0	ANT6	DSI1	13.08	13.16	13.09	14.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18625	18900	19175	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSI1	13.16	13.16	13.18	14.00
5	QPSK	1	12	ANT6	DSI1	13.15	13.21	13.11	14.00
5	QPSK	1	24	ANT6	DSI1	13.06	13.18	13.20	14.00
5	QPSK	12	0	ANT6	DSI1	13.17	13.22	13.13	14.00
5	QPSK	12	6	ANT6	DSI1	13.15	13.16	13.20	14.00
5	QPSK	12	13	ANT6	DSI1	13.06	13.26	13.12	14.00
5	QPSK	25	0	ANT6	DSI1	13.13	13.19	13.18	14.00
5	16QAM	1	0	ANT6	DSI1	13.13	13.22	13.18	14.00
5	16QAM	1	12	ANT6	DSI1	13.14	13.24	13.19	14.00
5	16QAM	1	24	ANT6	DSI1	13.03	13.17	13.21	14.00
5	16QAM	12	0	ANT6	DSI1	13.08	13.17	13.19	14.00
5	16QAM	12	6	ANT6	DSI1	13.06	13.28	13.20	14.00
5	16QAM	12	13	ANT6	DSI1	13.04	13.20	13.11	14.00
5	16QAM	25	0	ANT6	DSI1	13.11	13.21	13.15	14.00
5	64QAM	1	0	ANT6	DSI1	13.11	13.16	13.19	14.00
5	64QAM	1	12	ANT6	DSI1	13.16	13.22	13.14	14.00
5	64QAM	1	24	ANT6	DSI1	13.08	13.29	13.16	14.00
5	64QAM	12	0	ANT6	DSI1	13.15	13.29	13.09	14.00
5	64QAM	12	6	ANT6	DSI1	13.14	13.24	13.14	14.00
5	64QAM	12	13	ANT6	DSI1	13.13	13.17	13.20	14.00
5	64QAM	25	0	ANT6	DSI1	13.06	13.15	13.11	14.00
5	256QAM	1	0	ANT6	DSI1	13.15	13.15	13.13	14.00
5	256QAM	1	12	ANT6	DSI1	13.15	13.21	13.18	14.00
5	256QAM	1	24	ANT6	DSI1	13.05	13.26	13.18	14.00
5	256QAM	12	0	ANT6	DSI1	13.08	13.17	13.21	14.00
5	256QAM	12	6	ANT6	DSI1	13.04	13.28	13.09	14.00
5	256QAM	12	13	ANT6	DSI1	13.17	13.24	13.18	14.00
5	256QAM	25	0	ANT6	DSI1	13.11	13.19	13.16	14.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18650	18900	19150	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSI1	13.16	13.26	13.12	14.00
10	QPSK	1	24	ANT6	DSI1	13.13	13.16	13.22	14.00
10	QPSK	1	49	ANT6	DSI1	13.05	13.24	13.22	14.00
10	QPSK	25	0	ANT6	DSI1	13.03	13.27	13.18	14.00
10	QPSK	25	12	ANT6	DSI1	13.16	13.20	13.21	14.00
10	QPSK	25	25	ANT6	DSI1	13.16	13.16	13.19	14.00
10	QPSK	50	0	ANT6	DSI1	13.15	13.18	13.22	14.00
10	16QAM	1	0	ANT6	DSI1	13.03	13.22	13.17	14.00
10	16QAM	1	24	ANT6	DSI1	13.05	13.15	13.19	14.00
10	16QAM	1	49	ANT6	DSI1	13.11	13.23	13.14	14.00
10	16QAM	25	0	ANT6	DSI1	13.17	13.22	13.08	14.00
10	16QAM	25	12	ANT6	DSI1	13.05	13.25	13.10	14.00
10	16QAM	25	25	ANT6	DSI1	13.05	13.22	13.13	14.00
10	16QAM	50	0	ANT6	DSI1	13.03	13.17	13.18	14.00
10	64QAM	1	0	ANT6	DSI1	13.07	13.29	13.15	14.00
10	64QAM	1	24	ANT6	DSI1	13.05	13.20	13.22	14.00
10	64QAM	1	49	ANT6	DSI1	13.16	13.21	13.16	14.00
10	64QAM	25	0	ANT6	DSI1	13.12	13.20	13.20	14.00
10	64QAM	25	12	ANT6	DSI1	13.16	13.28	13.10	14.00
10	64QAM	25	25	ANT6	DSI1	13.16	13.29	13.17	14.00
10	64QAM	50	0	ANT6	DSI1	13.04	13.24	13.09	14.00
10	256QAM	1	0	ANT6	DSI1	13.17	13.16	13.21	14.00
10	256QAM	1	24	ANT6	DSI1	13.05	13.25	13.19	14.00
10	256QAM	1	49	ANT6	DSI1	13.05	13.19	13.13	14.00
10	256QAM	25	0	ANT6	DSI1	13.05	13.26	13.14	14.00
10	256QAM	25	12	ANT6	DSI1	13.06	13.25	13.17	14.00
10	256QAM	25	25	ANT6	DSI1	13.06	13.20	13.19	14.00
10	256QAM	50	0	ANT6	DSI1	13.04	13.29	13.14	14.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18675	18900	19125	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSI1	13.07	13.18	13.13	14.00
15	QPSK	1	37	ANT6	DSI1	13.13	13.19	13.17	14.00
15	QPSK	1	74	ANT6	DSI1	13.13	13.28	13.22	14.00
15	QPSK	36	0	ANT6	DSI1	13.14	13.21	13.15	14.00
15	QPSK	36	19	ANT6	DSI1	13.13	13.15	13.14	14.00
15	QPSK	36	39	ANT6	DSI1	13.16	13.23	13.17	14.00
15	QPSK	75	0	ANT6	DSI1	13.16	13.23	13.08	14.00
15	16QAM	1	0	ANT6	DSI1	13.13	13.25	13.11	14.00
15	16QAM	1	37	ANT6	DSI1	13.14	13.22	13.14	14.00
15	16QAM	1	74	ANT6	DSI1	13.17	13.18	13.10	14.00
15	16QAM	36	0	ANT6	DSI1	13.12	13.29	13.12	14.00
15	16QAM	36	19	ANT6	DSI1	13.09	13.15	13.19	14.00
15	16QAM	36	39	ANT6	DSI1	13.13	13.29	13.09	14.00
15	16QAM	75	0	ANT6	DSI1	13.07	13.24	13.20	14.00
15	64QAM	1	0	ANT6	DSI1	13.13	13.19	13.18	14.00
15	64QAM	1	37	ANT6	DSI1	13.14	13.18	13.15	14.00
15	64QAM	1	74	ANT6	DSI1	13.17	13.26	13.17	14.00
15	64QAM	36	0	ANT6	DSI1	13.03	13.27	13.21	14.00
15	64QAM	36	19	ANT6	DSI1	13.17	13.16	13.08	14.00
15	64QAM	36	39	ANT6	DSI1	13.14	13.20	13.08	14.00
15	64QAM	75	0	ANT6	DSI1	13.17	13.19	13.10	14.00
15	256QAM	1	0	ANT6	DSI1	13.08	13.28	13.17	14.00
15	256QAM	1	37	ANT6	DSI1	13.11	13.17	13.09	14.00
15	256QAM	1	74	ANT6	DSI1	13.07	13.29	13.11	14.00
15	256QAM	36	0	ANT6	DSI1	13.03	13.21	13.16	14.00
15	256QAM	36	19	ANT6	DSI1	13.09	13.19	13.17	14.00
15	256QAM	36	39	ANT6	DSI1	13.05	13.17	13.22	14.00
15	256QAM	75	0	ANT6	DSI1	13.10	13.22	13.13	14.00

Band				LTE B2-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18700	18900	19100	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSI1	13.18	13.30	13.23	14.00
20	QPSK	1	49	ANT6	DSI1	13.13	13.23	13.16	14.00
20	QPSK	1	99	ANT6	DSI1	13.12	13.18	13.17	14.00
20	QPSK	50	0	ANT6	DSI1	13.04	13.21	13.18	14.00
20	QPSK	50	25	ANT6	DSI1	13.13	13.18	13.19	14.00
20	QPSK	50	50	ANT6	DSI1	13.09	13.26	13.12	14.00
20	QPSK	100	0	ANT6	DSI1	13.05	13.28	13.21	14.00
20	16QAM	1	0	ANT6	DSI1	13.15	13.22	13.18	14.00
20	16QAM	1	49	ANT6	DSI1	13.06	13.18	13.15	14.00
20	16QAM	1	99	ANT6	DSI1	13.03	13.15	13.22	14.00
20	16QAM	50	0	ANT6	DSI1	13.04	13.17	13.17	14.00
20	16QAM	50	25	ANT6	DSI1	13.17	13.21	13.13	14.00
20	16QAM	50	50	ANT6	DSI1	13.05	13.16	13.19	14.00
20	16QAM	100	0	ANT6	DSI1	13.14	13.29	13.13	14.00
20	64QAM	1	0	ANT6	DSI1	13.06	13.28	13.10	14.00
20	64QAM	1	49	ANT6	DSI1	13.09	13.18	13.22	14.00
20	64QAM	1	99	ANT6	DSI1	13.11	13.19	13.16	14.00
20	64QAM	50	0	ANT6	DSI1	13.06	13.27	13.12	14.00
20	64QAM	50	25	ANT6	DSI1	13.11	13.16	13.21	14.00
20	64QAM	50	50	ANT6	DSI1	13.10	13.22	13.14	14.00
20	64QAM	100	0	ANT6	DSI1	13.12	13.25	13.14	14.00
20	256QAM	1	0	ANT6	DSI1	13.03	13.21	13.12	14.00
20	256QAM	1	49	ANT6	DSI1	13.05	13.15	13.19	14.00
20	256QAM	1	99	ANT6	DSI1	13.10	13.21	13.10	14.00
20	256QAM	50	0	ANT6	DSI1	13.15	13.23	13.15	14.00
20	256QAM	50	25	ANT6	DSI1	13.17	13.15	13.14	14.00
20	256QAM	50	50	ANT6	DSI1	13.12	13.23	13.19	14.00
20	256QAM	100	0	ANT6	DSI1	13.04	13.22	13.10	14.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19957	20175	20393	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSIO	24.37	24.42	24.35	25.00
1.4	QPSK	1	2	ANT6	DSIO	24.29	24.38	24.36	25.00
1.4	QPSK	1	5	ANT6	DSIO	24.26	24.32	24.21	25.00
1.4	QPSK	3	0	ANT6	DSIO	24.35	24.39	24.36	25.00
1.4	QPSK	3	1	ANT6	DSIO	24.26	24.29	24.18	25.00
1.4	QPSK	3	3	ANT6	DSIO	24.14	24.24	24.14	25.00
1.4	QPSK	6	0	ANT6	DSIO	23.18	23.29	23.24	24.00
1.4	16QAM	1	0	ANT6	DSIO	23.57	23.65	23.57	24.00
1.4	16QAM	1	2	ANT6	DSIO	23.57	23.65	23.50	24.00
1.4	16QAM	1	5	ANT6	DSIO	23.50	23.64	23.58	24.00
1.4	16QAM	3	0	ANT6	DSIO	23.40	23.46	23.44	24.00
1.4	16QAM	3	1	ANT6	DSIO	23.34	23.47	23.35	24.00
1.4	16QAM	3	3	ANT6	DSIO	23.37	23.41	23.32	24.00
1.4	16QAM	6	0	ANT6	DSIO	22.14	22.21	22.20	23.00
1.4	64QAM	1	0	ANT6	DSIO	22.31	22.42	22.38	23.00
1.4	64QAM	1	2	ANT6	DSIO	22.37	22.44	22.39	23.00
1.4	64QAM	1	5	ANT6	DSIO	22.23	22.38	22.28	23.00
1.4	64QAM	3	0	ANT6	DSIO	22.34	22.38	22.31	23.00
1.4	64QAM	3	1	ANT6	DSIO	22.41	22.43	22.31	23.00
1.4	64QAM	3	3	ANT6	DSIO	22.33	22.36	22.32	23.00
1.4	64QAM	6	0	ANT6	DSIO	21.52	21.54	21.43	22.00
1.4	256QAM	1	0	ANT6	DSIO	19.32	19.43	19.38	20.00
1.4	256QAM	1	2	ANT6	DSIO	19.32	19.39	19.32	20.00
1.4	256QAM	1	5	ANT6	DSIO	19.41	19.44	19.41	20.00
1.4	256QAM	3	0	ANT6	DSIO	19.42	19.57	19.54	20.00
1.4	256QAM	3	1	ANT6	DSIO	19.52	19.60	19.53	20.00
1.4	256QAM	3	3	ANT6	DSIO	19.41	19.56	19.50	20.00
1.4	256QAM	6	0	ANT6	DSIO	19.43	19.52	19.48	20.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19965	20175	20385	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSIO	24.35	24.35	24.27	25.00
3	QPSK	1	7	ANT6	DSIO	24.14	24.29	24.25	25.00
3	QPSK	1	14	ANT6	DSIO	24.06	24.20	24.11	25.00
3	QPSK	8	0	ANT6	DSIO	23.23	23.31	23.17	24.00
3	QPSK	8	3	ANT6	DSIO	23.27	23.31	23.16	24.00
3	QPSK	8	7	ANT6	DSIO	23.19	23.21	23.30	24.00
3	QPSK	15	0	ANT6	DSIO	23.27	23.35	23.25	24.00
3	16QAM	1	0	ANT6	DSIO	23.56	23.71	23.64	24.00
3	16QAM	1	7	ANT6	DSIO	23.60	23.75	23.69	24.00
3	16QAM	1	14	ANT6	DSIO	23.35	23.50	23.52	24.00
3	16QAM	8	0	ANT6	DSIO	22.11	22.36	22.16	23.00
3	16QAM	8	3	ANT6	DSIO	22.20	22.23	22.26	23.00
3	16QAM	8	7	ANT6	DSIO	22.26	22.21	22.15	23.00
3	16QAM	15	0	ANT6	DSIO	22.10	22.29	22.15	23.00
3	64QAM	1	0	ANT6	DSIO	22.75	23.00	22.77	23.00
3	64QAM	1	7	ANT6	DSIO	22.71	22.85	22.77	23.00
3	64QAM	1	14	ANT6	DSIO	22.63	22.68	22.54	23.00
3	64QAM	8	0	ANT6	DSIO	21.20	21.33	21.20	22.00
3	64QAM	8	3	ANT6	DSIO	21.15	21.21	21.11	22.00
3	64QAM	8	7	ANT6	DSIO	21.27	21.25	21.17	22.00
3	64QAM	15	0	ANT6	DSIO	21.17	21.16	21.09	22.00
3	256QAM	1	0	ANT6	DSIO	19.52	19.62	19.54	20.00
3	256QAM	1	7	ANT6	DSIO	19.51	19.59	19.44	20.00
3	256QAM	1	14	ANT6	DSIO	19.38	19.45	19.43	20.00
3	256QAM	8	0	ANT6	DSIO	19.38	19.58	19.59	20.00
3	256QAM	8	3	ANT6	DSIO	19.50	19.43	19.45	20.00
3	256QAM	8	7	ANT6	DSIO	19.39	19.42	19.40	20.00
3	256QAM	15	0	ANT6	DSIO	19.38	19.54	19.44	20.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19975	20175	20375	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSIO	24.33	24.41	24.32	25.00
5	QPSK	1	12	ANT6	DSIO	24.18	24.27	24.30	25.00
5	QPSK	1	24	ANT6	DSIO	24.18	24.12	24.11	25.00
5	QPSK	12	0	ANT6	DSIO	23.27	23.26	23.11	24.00
5	QPSK	12	6	ANT6	DSIO	23.19	23.31	23.15	24.00
5	QPSK	12	13	ANT6	DSIO	23.19	23.28	23.28	24.00
5	QPSK	25	0	ANT6	DSIO	23.29	23.30	23.17	24.00
5	16QAM	1	0	ANT6	DSIO	23.51	23.70	23.65	24.00
5	16QAM	1	12	ANT6	DSIO	23.67	23.71	23.73	24.00
5	16QAM	1	24	ANT6	DSIO	23.37	23.53	23.48	24.00
5	16QAM	12	0	ANT6	DSIO	22.17	22.24	22.23	23.00
5	16QAM	12	6	ANT6	DSIO	22.22	22.33	22.19	23.00
5	16QAM	12	13	ANT6	DSIO	22.20	22.31	22.14	23.00
5	16QAM	25	0	ANT6	DSIO	22.13	22.33	22.17	23.00
5	64QAM	1	0	ANT6	DSIO	22.83	22.90	22.77	23.00
5	64QAM	1	12	ANT6	DSIO	22.80	22.87	22.70	23.00
5	64QAM	1	24	ANT6	DSIO	22.67	22.65	22.59	23.00
5	64QAM	12	0	ANT6	DSIO	21.24	21.28	21.09	22.00
5	64QAM	12	6	ANT6	DSIO	21.19	21.22	21.21	22.00
5	64QAM	12	13	ANT6	DSIO	21.27	21.22	21.17	22.00
5	64QAM	25	0	ANT6	DSIO	21.24	21.28	21.13	22.00
5	256QAM	1	0	ANT6	DSIO	19.54	19.71	19.59	20.00
5	256QAM	1	12	ANT6	DSIO	19.56	19.65	19.44	20.00
5	256QAM	1	24	ANT6	DSIO	19.38	19.45	19.47	20.00
5	256QAM	12	0	ANT6	DSIO	19.36	19.56	19.58	20.00
5	256QAM	12	6	ANT6	DSIO	19.48	19.44	19.56	20.00
5	256QAM	12	13	ANT6	DSIO	19.40	19.41	19.44	20.00
5	256QAM	25	0	ANT6	DSIO	19.38	19.57	19.45	20.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20000	20175	20350	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSIO	24.31	24.39	24.32	25.00
10	QPSK	1	24	ANT6	DSIO	24.14	24.27	24.24	25.00
10	QPSK	1	49	ANT6	DSIO	24.17	24.12	24.17	25.00
10	QPSK	25	0	ANT6	DSIO	23.33	23.24	23.14	24.00
10	QPSK	25	12	ANT6	DSIO	23.23	23.24	23.16	24.00
10	QPSK	25	25	ANT6	DSIO	23.25	23.30	23.29	24.00
10	QPSK	50	0	ANT6	DSIO	23.21	23.26	23.15	24.00
10	16QAM	1	0	ANT6	DSIO	23.51	23.68	23.63	24.00
10	16QAM	1	24	ANT6	DSIO	23.56	23.62	23.63	24.00
10	16QAM	1	49	ANT6	DSIO	23.37	23.56	23.42	24.00
10	16QAM	25	0	ANT6	DSIO	22.15	22.34	22.16	23.00
10	16QAM	25	12	ANT6	DSIO	22.25	22.21	22.30	23.00
10	16QAM	25	25	ANT6	DSIO	22.31	22.28	22.26	23.00
10	16QAM	50	0	ANT6	DSIO	22.11	22.29	22.18	23.00
10	64QAM	1	0	ANT6	DSIO	22.75	22.86	22.82	23.00
10	64QAM	1	24	ANT6	DSIO	22.82	22.83	22.73	23.00
10	64QAM	1	49	ANT6	DSIO	22.74	22.71	22.63	23.00
10	64QAM	25	0	ANT6	DSIO	21.14	21.23	21.11	22.00
10	64QAM	25	12	ANT6	DSIO	21.26	21.30	21.13	22.00
10	64QAM	25	25	ANT6	DSIO	21.15	21.32	21.22	22.00
10	64QAM	50	0	ANT6	DSIO	21.22	21.21	21.08	22.00
10	256QAM	1	0	ANT6	DSIO	19.64	19.75	19.48	20.00
10	256QAM	1	24	ANT6	DSIO	19.64	19.63	19.49	20.00
10	256QAM	1	49	ANT6	DSIO	19.31	19.54	19.47	20.00
10	256QAM	25	0	ANT6	DSIO	19.45	19.52	19.55	20.00
10	256QAM	25	12	ANT6	DSIO	19.52	19.47	19.46	20.00
10	256QAM	25	25	ANT6	DSIO	19.34	19.42	19.43	20.00
10	256QAM	50	0	ANT6	DSIO	19.36	19.48	19.38	20.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20025	20175	20325	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSIO	24.35	24.40	24.35	25.00
15	QPSK	1	37	ANT6	DSIO	24.17	24.23	24.24	25.00
15	QPSK	1	74	ANT6	DSIO	24.18	24.21	24.15	25.00
15	QPSK	36	0	ANT6	DSIO	23.31	23.24	23.13	24.00
15	QPSK	36	19	ANT6	DSIO	23.22	23.25	23.17	24.00
15	QPSK	36	39	ANT6	DSIO	23.20	23.28	23.25	24.00
15	QPSK	75	0	ANT6	DSIO	23.33	23.35	23.15	24.00
15	16QAM	1	0	ANT6	DSIO	23.52	23.65	23.65	24.00
15	16QAM	1	37	ANT6	DSIO	23.66	23.65	23.66	24.00
15	16QAM	1	74	ANT6	DSIO	23.41	23.51	23.53	24.00
15	16QAM	36	0	ANT6	DSIO	22.20	22.26	22.24	23.00
15	16QAM	36	19	ANT6	DSIO	22.24	22.29	22.30	23.00
15	16QAM	36	39	ANT6	DSIO	22.31	22.23	22.27	23.00
15	16QAM	75	0	ANT6	DSIO	22.19	22.31	22.19	23.00
15	64QAM	1	0	ANT6	DSIO	22.74	23.00	22.78	23.00
15	64QAM	1	37	ANT6	DSIO	22.79	22.84	22.80	23.00
15	64QAM	1	74	ANT6	DSIO	22.66	22.74	22.64	23.00
15	64QAM	36	0	ANT6	DSIO	21.20	21.34	21.16	22.00
15	64QAM	36	19	ANT6	DSIO	21.29	21.23	21.15	22.00
15	64QAM	36	39	ANT6	DSIO	21.24	21.26	21.20	22.00
15	64QAM	75	0	ANT6	DSIO	21.25	21.28	21.10	22.00
15	256QAM	1	0	ANT6	DSIO	19.59	19.62	19.51	20.00
15	256QAM	1	37	ANT6	DSIO	19.54	19.73	19.47	20.00
15	256QAM	1	74	ANT6	DSIO	19.41	19.54	19.41	20.00
15	256QAM	36	0	ANT6	DSIO	19.38	19.61	19.45	20.00
15	256QAM	36	19	ANT6	DSIO	19.38	19.55	19.43	20.00
15	256QAM	36	39	ANT6	DSIO	19.37	19.46	19.44	20.00
15	256QAM	75	0	ANT6	DSIO	19.46	19.58	19.46	20.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20050	20175	20300	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSIO	24.39	24.44	24.36	25.00
20	QPSK	1	49	ANT6	DSIO	24.29	24.38	24.32	25.00
20	QPSK	1	99	ANT6	DSIO	24.20	24.27	24.22	25.00
20	QPSK	50	0	ANT6	DSIO	23.37	23.38	23.25	24.00
20	QPSK	50	25	ANT6	DSIO	23.29	23.36	23.30	24.00
20	QPSK	50	50	ANT6	DSIO	23.30	23.32	23.31	24.00
20	QPSK	100	0	ANT6	DSIO	23.34	23.39	23.30	24.00
20	16QAM	1	0	ANT6	DSIO	23.66	23.79	23.76	24.00
20	16QAM	1	49	ANT6	DSIO	23.70	23.76	23.74	24.00
20	16QAM	1	99	ANT6	DSIO	23.50	23.65	23.57	24.00
20	16QAM	50	0	ANT6	DSIO	22.25	22.38	22.30	23.00
20	16QAM	50	25	ANT6	DSIO	22.32	22.35	22.32	23.00
20	16QAM	50	50	ANT6	DSIO	22.33	22.36	22.28	23.00
20	16QAM	100	0	ANT6	DSIO	22.25	22.36	22.28	23.00
20	64QAM	1	0	ANT6	DSIO	22.86	22.91	22.86	23.00
20	64QAM	1	49	ANT6	DSIO	22.85	22.95	22.85	23.00
20	64QAM	1	99	ANT6	DSIO	22.76	22.79	22.67	23.00
20	64QAM	50	0	ANT6	DSIO	21.27	21.35	21.23	22.00
20	64QAM	50	25	ANT6	DSIO	21.30	21.36	21.25	22.00
20	64QAM	50	50	ANT6	DSIO	21.30	21.35	21.25	22.00
20	64QAM	100	0	ANT6	DSIO	21.30	21.31	21.22	22.00
20	256QAM	1	0	ANT6	DSIO	19.67	19.77	19.62	20.00
20	256QAM	1	49	ANT6	DSIO	19.66	19.74	19.59	20.00
20	256QAM	1	99	ANT6	DSIO	19.45	19.58	19.53	20.00
20	256QAM	50	0	ANT6	DSIO	19.50	19.63	19.60	20.00
20	256QAM	50	25	ANT6	DSIO	19.53	19.58	19.57	20.00
20	256QAM	50	50	ANT6	DSIO	19.43	19.54	19.49	20.00
20	256QAM	100	0	ANT6	DSIO	19.48	19.62	19.48	20.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19957	20175	20393	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSI1	15.23	15.47	15.29	16.00
1.4	QPSK	1	2	ANT6	DSI1	15.19	15.28	15.26	16.00
1.4	QPSK	1	5	ANT6	DSI1	15.19	15.27	15.19	16.00
1.4	QPSK	3	0	ANT6	DSI1	15.21	15.16	15.19	16.00
1.4	QPSK	3	1	ANT6	DSI1	15.09	15.17	15.08	16.00
1.4	QPSK	3	3	ANT6	DSI1	15.15	15.22	15.07	16.00
1.4	QPSK	6	0	ANT6	DSI1	15.21	15.24	15.08	16.00
1.4	16QAM	1	0	ANT6	DSI1	15.12	15.18	15.11	16.00
1.4	16QAM	1	2	ANT6	DSI1	15.17	15.24	15.16	16.00
1.4	16QAM	1	5	ANT6	DSI1	15.06	15.27	15.06	16.00
1.4	16QAM	3	0	ANT6	DSI1	15.22	15.30	15.18	16.00
1.4	16QAM	3	1	ANT6	DSI1	15.19	15.21	15.15	16.00
1.4	16QAM	3	3	ANT6	DSI1	15.14	15.27	15.19	16.00
1.4	16QAM	6	0	ANT6	DSI1	15.12	15.20	15.16	16.00
1.4	64QAM	1	0	ANT6	DSI1	15.04	15.11	15.02	16.00
1.4	64QAM	1	2	ANT6	DSI1	15.08	15.25	15.21	16.00
1.4	64QAM	1	5	ANT6	DSI1	15.13	15.13	15.01	16.00
1.4	64QAM	3	0	ANT6	DSI1	15.24	15.24	15.13	16.00
1.4	64QAM	3	1	ANT6	DSI1	15.15	15.30	15.22	16.00
1.4	64QAM	3	3	ANT6	DSI1	15.16	15.21	15.17	16.00
1.4	64QAM	6	0	ANT6	DSI1	15.18	15.30	15.13	16.00
1.4	256QAM	1	0	ANT6	DSI1	15.30	15.39	15.35	16.00
1.4	256QAM	1	2	ANT6	DSI1	15.06	15.12	14.99	16.00
1.4	256QAM	1	5	ANT6	DSI1	15.07	15.10	15.11	16.00
1.4	256QAM	3	0	ANT6	DSI1	15.07	15.17	15.09	16.00
1.4	256QAM	3	1	ANT6	DSI1	15.13	15.22	15.14	16.00
1.4	256QAM	3	3	ANT6	DSI1	15.11	15.26	15.16	16.00
1.4	256QAM	6	0	ANT6	DSI1	15.20	15.28	15.25	16.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19965	20175	20385	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSI1	15.28	15.40	15.23	16.00
3	QPSK	1	7	ANT6	DSI1	15.18	15.39	15.24	16.00
3	QPSK	1	14	ANT6	DSI1	15.06	15.30	15.16	16.00
3	QPSK	8	0	ANT6	DSI1	15.08	15.17	15.18	16.00
3	QPSK	8	3	ANT6	DSI1	15.09	15.17	15.16	16.00
3	QPSK	8	7	ANT6	DSI1	15.15	15.20	15.16	16.00
3	QPSK	15	0	ANT6	DSI1	15.19	15.23	15.20	16.00
3	16QAM	1	0	ANT6	DSI1	15.16	15.18	15.12	16.00
3	16QAM	1	7	ANT6	DSI1	15.10	15.20	15.24	16.00
3	16QAM	1	14	ANT6	DSI1	15.07	15.18	15.08	16.00
3	16QAM	8	0	ANT6	DSI1	15.25	15.29	15.15	16.00
3	16QAM	8	3	ANT6	DSI1	15.28	15.33	15.16	16.00
3	16QAM	8	7	ANT6	DSI1	15.21	15.27	15.19	16.00
3	16QAM	15	0	ANT6	DSI1	15.10	15.18	15.11	16.00
3	64QAM	1	0	ANT6	DSI1	15.12	15.03	15.02	16.00
3	64QAM	1	7	ANT6	DSI1	15.08	15.19	15.14	16.00
3	64QAM	1	14	ANT6	DSI1	15.16	15.23	14.99	16.00
3	64QAM	8	0	ANT6	DSI1	15.25	15.25	15.11	16.00
3	64QAM	8	3	ANT6	DSI1	15.08	15.24	15.31	16.00
3	64QAM	8	7	ANT6	DSI1	15.23	15.26	15.23	16.00
3	64QAM	15	0	ANT6	DSI1	15.19	15.23	15.16	16.00
3	256QAM	1	0	ANT6	DSI1	15.30	15.36	15.30	16.00
3	256QAM	1	7	ANT6	DSI1	15.10	15.10	15.02	16.00
3	256QAM	1	14	ANT6	DSI1	15.02	15.19	15.15	16.00
3	256QAM	8	0	ANT6	DSI1	15.08	15.21	15.09	16.00
3	256QAM	8	3	ANT6	DSI1	15.13	15.23	15.20	16.00
3	256QAM	8	7	ANT6	DSI1	15.19	15.22	15.24	16.00
3	256QAM	15	0	ANT6	DSI1	15.21	15.20	15.18	16.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19975	20175	20375	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSI1	15.24	15.38	15.29	16.00
5	QPSK	1	12	ANT6	DSI1	15.18	15.31	15.13	16.00
5	QPSK	1	24	ANT6	DSI1	15.19	15.23	15.20	16.00
5	QPSK	12	0	ANT6	DSI1	15.11	15.22	15.16	16.00
5	QPSK	12	6	ANT6	DSI1	15.09	15.16	15.17	16.00
5	QPSK	12	13	ANT6	DSI1	15.06	15.29	15.06	16.00
5	QPSK	25	0	ANT6	DSI1	15.30	15.19	15.11	16.00
5	16QAM	1	0	ANT6	DSI1	15.10	15.11	15.17	16.00
5	16QAM	1	12	ANT6	DSI1	15.19	15.23	15.16	16.00
5	16QAM	1	24	ANT6	DSI1	15.14	15.24	15.06	16.00
5	16QAM	12	0	ANT6	DSI1	15.20	15.31	15.22	16.00
5	16QAM	12	6	ANT6	DSI1	15.22	15.25	15.26	16.00
5	16QAM	12	13	ANT6	DSI1	15.11	15.29	15.28	16.00
5	16QAM	25	0	ANT6	DSI1	15.09	15.18	15.11	16.00
5	64QAM	1	0	ANT6	DSI1	15.02	15.13	15.03	16.00
5	64QAM	1	12	ANT6	DSI1	15.07	15.27	15.11	16.00
5	64QAM	1	24	ANT6	DSI1	15.15	15.15	15.03	16.00
5	64QAM	12	0	ANT6	DSI1	15.21	15.31	15.24	16.00
5	64QAM	12	6	ANT6	DSI1	15.20	15.32	15.21	16.00
5	64QAM	12	13	ANT6	DSI1	15.19	15.31	15.21	16.00
5	64QAM	25	0	ANT6	DSI1	15.19	15.23	15.14	16.00
5	256QAM	1	0	ANT6	DSI1	15.32	15.32	15.36	16.00
5	256QAM	1	12	ANT6	DSI1	14.96	15.17	15.07	16.00
5	256QAM	1	24	ANT6	DSI1	15.04	15.12	15.07	16.00
5	256QAM	12	0	ANT6	DSI1	14.99	15.13	15.08	16.00
5	256QAM	12	6	ANT6	DSI1	15.16	15.22	15.11	16.00
5	256QAM	12	13	ANT6	DSI1	15.19	15.32	15.19	16.00
5	256QAM	25	0	ANT6	DSI1	15.16	15.25	15.24	16.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20000	20175	20350	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSI1	15.20	15.46	15.35	16.00
10	QPSK	1	24	ANT6	DSI1	15.21	15.31	15.21	16.00
10	QPSK	1	49	ANT6	DSI1	15.12	15.30	15.23	16.00
10	QPSK	25	0	ANT6	DSI1	15.14	15.24	15.21	16.00
10	QPSK	25	12	ANT6	DSI1	15.11	15.25	15.15	16.00
10	QPSK	25	25	ANT6	DSI1	15.14	15.30	15.13	16.00
10	QPSK	50	0	ANT6	DSI1	15.18	15.28	15.10	16.00
10	16QAM	1	0	ANT6	DSI1	15.12	15.20	15.14	16.00
10	16QAM	1	24	ANT6	DSI1	15.14	15.13	15.11	16.00
10	16QAM	1	49	ANT6	DSI1	15.11	15.26	15.06	16.00
10	16QAM	25	0	ANT6	DSI1	15.31	15.32	15.15	16.00
10	16QAM	25	12	ANT6	DSI1	15.24	15.31	15.27	16.00
10	16QAM	25	25	ANT6	DSI1	15.20	15.32	15.26	16.00
10	16QAM	50	0	ANT6	DSI1	15.15	15.19	15.19	16.00
10	64QAM	1	0	ANT6	DSI1	15.02	15.13	14.98	16.00
10	64QAM	1	24	ANT6	DSI1	15.15	15.14	15.12	16.00
10	64QAM	1	49	ANT6	DSI1	15.16	15.22	14.99	16.00
10	64QAM	25	0	ANT6	DSI1	15.31	15.24	15.16	16.00
10	64QAM	25	12	ANT6	DSI1	15.14	15.30	15.29	16.00
10	64QAM	25	25	ANT6	DSI1	15.20	15.27	15.18	16.00
10	64QAM	50	0	ANT6	DSI1	15.13	15.16	15.17	16.00
10	256QAM	1	0	ANT6	DSI1	15.24	15.40	15.38	16.00
10	256QAM	1	24	ANT6	DSI1	15.10	15.17	14.99	16.00
10	256QAM	1	49	ANT6	DSI1	15.03	15.23	15.03	16.00
10	256QAM	25	0	ANT6	DSI1	14.96	15.10	15.12	16.00
10	256QAM	25	12	ANT6	DSI1	15.15	15.19	15.22	16.00
10	256QAM	25	25	ANT6	DSI1	15.13	15.32	15.12	16.00
10	256QAM	50	0	ANT6	DSI1	15.21	15.17	15.14	16.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20025	20175	20325	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSI1	15.19	15.42	15.24	16.00
15	QPSK	1	37	ANT6	DSI1	15.25	15.39	15.14	16.00
15	QPSK	1	74	ANT6	DSI1	15.19	15.21	15.17	16.00
15	QPSK	36	0	ANT6	DSI1	15.08	15.16	15.15	16.00
15	QPSK	36	19	ANT6	DSI1	15.08	15.16	15.13	16.00
15	QPSK	36	39	ANT6	DSI1	15.16	15.20	15.18	16.00
15	QPSK	75	0	ANT6	DSI1	15.26	15.32	15.21	16.00
15	16QAM	1	0	ANT6	DSI1	15.11	15.19	15.11	16.00
15	16QAM	1	37	ANT6	DSI1	15.17	15.21	15.22	16.00
15	16QAM	1	74	ANT6	DSI1	15.05	15.16	15.16	16.00
15	16QAM	36	0	ANT6	DSI1	15.26	15.29	15.19	16.00
15	16QAM	36	19	ANT6	DSI1	15.28	15.23	15.14	16.00
15	16QAM	36	39	ANT6	DSI1	15.11	15.30	15.17	16.00
15	16QAM	75	0	ANT6	DSI1	15.12	15.21	15.23	16.00
15	64QAM	1	0	ANT6	DSI1	15.08	15.06	15.07	16.00
15	64QAM	1	37	ANT6	DSI1	15.10	15.15	15.11	16.00
15	64QAM	1	74	ANT6	DSI1	15.13	15.13	15.06	16.00
15	64QAM	36	0	ANT6	DSI1	15.33	15.30	15.14	16.00
15	64QAM	36	19	ANT6	DSI1	15.19	15.32	15.27	16.00
15	64QAM	36	39	ANT6	DSI1	15.14	15.20	15.15	16.00
15	64QAM	75	0	ANT6	DSI1	15.16	15.21	15.08	16.00
15	256QAM	1	0	ANT6	DSI1	15.26	15.39	15.30	16.00
15	256QAM	1	37	ANT6	DSI1	15.09	15.23	15.03	16.00
15	256QAM	1	74	ANT6	DSI1	15.13	15.19	15.05	16.00
15	256QAM	36	0	ANT6	DSI1	14.96	15.20	15.19	16.00
15	256QAM	36	19	ANT6	DSI1	15.18	15.21	15.20	16.00
15	256QAM	36	39	ANT6	DSI1	15.16	15.33	15.15	16.00
15	256QAM	75	0	ANT6	DSI1	15.14	15.28	15.25	16.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20050	20175	20300	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSI1	15.33	15.48	15.38	16.00
20	QPSK	1	49	ANT6	DSI1	15.27	15.40	15.27	16.00
20	QPSK	1	99	ANT6	DSI1	15.21	15.36	15.24	16.00
20	QPSK	50	0	ANT6	DSI1	15.22	15.30	15.27	16.00
20	QPSK	50	25	ANT6	DSI1	15.19	15.29	15.18	16.00
20	QPSK	50	50	ANT6	DSI1	15.21	15.32	15.19	16.00
20	QPSK	100	0	ANT6	DSI1	15.32	15.34	15.23	16.00
20	16QAM	1	0	ANT6	DSI1	15.18	15.22	15.21	16.00
20	16QAM	1	49	ANT6	DSI1	15.22	15.27	15.25	16.00
20	16QAM	1	99	ANT6	DSI1	15.16	15.28	15.20	16.00
20	16QAM	50	0	ANT6	DSI1	15.34	15.35	15.24	16.00
20	16QAM	50	25	ANT6	DSI1	15.29	15.35	15.28	16.00
20	16QAM	50	50	ANT6	DSI1	15.24	15.33	15.29	16.00
20	16QAM	100	0	ANT6	DSI1	15.23	15.32	15.26	16.00
20	64QAM	1	0	ANT6	DSI1	15.14	15.16	15.09	16.00
20	64QAM	1	49	ANT6	DSI1	15.20	15.28	15.22	16.00
20	64QAM	1	99	ANT6	DSI1	15.24	15.25	15.14	16.00
20	64QAM	50	0	ANT6	DSI1	15.34	15.36	15.25	16.00
20	64QAM	50	25	ANT6	DSI1	15.22	15.34	15.32	16.00
20	64QAM	50	50	ANT6	DSI1	15.27	15.32	15.26	16.00
20	64QAM	100	0	ANT6	DSI1	15.23	15.31	15.19	16.00
20	256QAM	1	0	ANT6	DSI1	15.39	15.45	15.44	16.00
20	256QAM	1	49	ANT6	DSI1	15.11	15.25	15.12	16.00
20	256QAM	1	99	ANT6	DSI1	15.15	15.25	15.17	16.00
20	256QAM	50	0	ANT6	DSI1	15.09	15.23	15.20	16.00
20	256QAM	50	25	ANT6	DSI1	15.23	15.31	15.26	16.00
20	256QAM	50	50	ANT6	DSI1	15.26	15.36	15.26	16.00
20	256QAM	100	0	ANT6	DSI1	15.27	15.32	15.27	16.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19957	20175	20393	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSIO	21.37	21.42	21.35	22.00
1.4	QPSK	1	2	ANT6	DSIO	21.29	21.38	21.36	22.00
1.4	QPSK	1	5	ANT6	DSIO	21.26	21.32	21.21	22.00
1.4	QPSK	3	0	ANT6	DSIO	21.35	21.39	21.36	22.00
1.4	QPSK	3	1	ANT6	DSIO	21.26	21.29	21.18	22.00
1.4	QPSK	3	3	ANT6	DSIO	21.14	21.24	21.14	22.00
1.4	QPSK	6	0	ANT6	DSIO	20.18	20.29	20.24	21.00
1.4	16QAM	1	0	ANT6	DSIO	20.57	20.65	20.57	21.00
1.4	16QAM	1	2	ANT6	DSIO	20.57	20.65	20.50	21.00
1.4	16QAM	1	5	ANT6	DSIO	20.50	20.64	20.58	21.00
1.4	16QAM	3	0	ANT6	DSIO	20.40	20.46	20.44	21.00
1.4	16QAM	3	1	ANT6	DSIO	20.34	20.47	20.35	21.00
1.4	16QAM	3	3	ANT6	DSIO	20.37	20.41	20.32	21.00
1.4	16QAM	6	0	ANT6	DSIO	19.14	19.21	19.20	20.00
1.4	64QAM	1	0	ANT6	DSIO	19.31	19.42	19.38	20.00
1.4	64QAM	1	2	ANT6	DSIO	19.37	19.44	19.39	20.00
1.4	64QAM	1	5	ANT6	DSIO	19.23	19.38	19.28	20.00
1.4	64QAM	3	0	ANT6	DSIO	19.34	19.38	19.31	20.00
1.4	64QAM	3	1	ANT6	DSIO	19.41	19.43	19.31	20.00
1.4	64QAM	3	3	ANT6	DSIO	19.33	19.36	19.32	20.00
1.4	64QAM	6	0	ANT6	DSIO	18.52	18.54	18.43	19.00
1.4	256QAM	1	0	ANT6	DSIO	16.32	16.43	16.38	17.00
1.4	256QAM	1	2	ANT6	DSIO	16.32	16.39	16.32	17.00
1.4	256QAM	1	5	ANT6	DSIO	16.41	16.44	16.41	17.00
1.4	256QAM	3	0	ANT6	DSIO	16.42	16.57	16.54	17.00
1.4	256QAM	3	1	ANT6	DSIO	16.52	16.60	16.53	17.00
1.4	256QAM	3	3	ANT6	DSIO	16.41	16.56	16.50	17.00
1.4	256QAM	6	0	ANT6	DSIO	16.43	16.52	16.48	17.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19965	20175	20385	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSIO	21.35	21.35	21.27	22.00
3	QPSK	1	7	ANT6	DSIO	21.14	21.29	21.25	22.00
3	QPSK	1	14	ANT6	DSIO	21.06	21.20	21.11	22.00
3	QPSK	8	0	ANT6	DSIO	20.23	20.31	20.17	21.00
3	QPSK	8	3	ANT6	DSIO	20.27	20.31	20.16	21.00
3	QPSK	8	7	ANT6	DSIO	20.19	20.21	20.30	21.00
3	QPSK	15	0	ANT6	DSIO	20.27	20.35	20.25	21.00
3	16QAM	1	0	ANT6	DSIO	20.56	20.71	20.64	21.00
3	16QAM	1	7	ANT6	DSIO	20.60	20.75	20.69	21.00
3	16QAM	1	14	ANT6	DSIO	20.35	20.50	20.52	21.00
3	16QAM	8	0	ANT6	DSIO	19.11	19.36	19.16	20.00
3	16QAM	8	3	ANT6	DSIO	19.20	19.23	19.26	20.00
3	16QAM	8	7	ANT6	DSIO	19.26	19.21	19.15	20.00
3	16QAM	15	0	ANT6	DSIO	19.10	19.29	19.15	20.00
3	64QAM	1	0	ANT6	DSIO	19.75	20.00	19.77	20.00
3	64QAM	1	7	ANT6	DSIO	19.71	19.85	19.77	20.00
3	64QAM	1	14	ANT6	DSIO	19.63	19.68	19.54	20.00
3	64QAM	8	0	ANT6	DSIO	18.20	18.33	18.20	19.00
3	64QAM	8	3	ANT6	DSIO	18.15	18.21	18.11	19.00
3	64QAM	8	7	ANT6	DSIO	18.27	18.25	18.17	19.00
3	64QAM	15	0	ANT6	DSIO	18.17	18.16	18.09	19.00
3	256QAM	1	0	ANT6	DSIO	16.52	16.62	16.54	17.00
3	256QAM	1	7	ANT6	DSIO	16.51	16.59	16.44	17.00
3	256QAM	1	14	ANT6	DSIO	16.38	16.45	16.43	17.00
3	256QAM	8	0	ANT6	DSIO	16.38	16.58	16.59	17.00
3	256QAM	8	3	ANT6	DSIO	16.50	16.43	16.45	17.00
3	256QAM	8	7	ANT6	DSIO	16.39	16.42	16.40	17.00
3	256QAM	15	0	ANT6	DSIO	16.38	16.54	16.44	17.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19975	20175	20375	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSIO	21.33	21.41	21.32	22.00
5	QPSK	1	12	ANT6	DSIO	21.18	21.27	21.30	22.00
5	QPSK	1	24	ANT6	DSIO	21.18	21.12	21.11	22.00
5	QPSK	12	0	ANT6	DSIO	20.27	20.26	20.11	21.00
5	QPSK	12	6	ANT6	DSIO	20.19	20.31	20.15	21.00
5	QPSK	12	13	ANT6	DSIO	20.19	20.28	20.28	21.00
5	QPSK	25	0	ANT6	DSIO	20.29	20.30	20.17	21.00
5	16QAM	1	0	ANT6	DSIO	20.51	20.70	20.65	21.00
5	16QAM	1	12	ANT6	DSIO	20.67	20.71	20.73	21.00
5	16QAM	1	24	ANT6	DSIO	20.37	20.53	20.48	21.00
5	16QAM	12	0	ANT6	DSIO	19.17	19.24	19.23	20.00
5	16QAM	12	6	ANT6	DSIO	19.22	19.33	19.19	20.00
5	16QAM	12	13	ANT6	DSIO	19.20	19.31	19.14	20.00
5	16QAM	25	0	ANT6	DSIO	19.13	19.33	19.17	20.00
5	64QAM	1	0	ANT6	DSIO	19.83	19.90	19.77	20.00
5	64QAM	1	12	ANT6	DSIO	19.80	19.87	19.70	20.00
5	64QAM	1	24	ANT6	DSIO	19.67	19.65	19.59	20.00
5	64QAM	12	0	ANT6	DSIO	18.24	18.28	18.09	19.00
5	64QAM	12	6	ANT6	DSIO	18.19	18.22	18.21	19.00
5	64QAM	12	13	ANT6	DSIO	18.27	18.22	18.17	19.00
5	64QAM	25	0	ANT6	DSIO	18.24	18.28	18.13	19.00
5	256QAM	1	0	ANT6	DSIO	16.54	16.71	16.59	17.00
5	256QAM	1	12	ANT6	DSIO	16.56	16.65	16.44	17.00
5	256QAM	1	24	ANT6	DSIO	16.38	16.45	16.47	17.00
5	256QAM	12	0	ANT6	DSIO	16.36	16.56	16.58	17.00
5	256QAM	12	6	ANT6	DSIO	16.48	16.44	16.56	17.00
5	256QAM	12	13	ANT6	DSIO	16.40	16.41	16.44	17.00
5	256QAM	25	0	ANT6	DSIO	16.38	16.57	16.45	17.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20000	20175	20350	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSIO	21.31	21.39	21.32	22.00
10	QPSK	1	24	ANT6	DSIO	21.14	21.27	21.24	22.00
10	QPSK	1	49	ANT6	DSIO	21.17	21.12	21.17	22.00
10	QPSK	25	0	ANT6	DSIO	20.33	20.24	20.14	21.00
10	QPSK	25	12	ANT6	DSIO	20.23	20.24	20.16	21.00
10	QPSK	25	25	ANT6	DSIO	20.25	20.30	20.29	21.00
10	QPSK	50	0	ANT6	DSIO	20.21	20.26	20.15	21.00
10	16QAM	1	0	ANT6	DSIO	20.51	20.68	20.63	21.00
10	16QAM	1	24	ANT6	DSIO	20.56	20.62	20.63	21.00
10	16QAM	1	49	ANT6	DSIO	20.37	20.56	20.42	21.00
10	16QAM	25	0	ANT6	DSIO	19.15	19.34	19.16	20.00
10	16QAM	25	12	ANT6	DSIO	19.25	19.21	19.30	20.00
10	16QAM	25	25	ANT6	DSIO	19.31	19.28	19.26	20.00
10	16QAM	50	0	ANT6	DSIO	19.11	19.29	19.18	20.00
10	64QAM	1	0	ANT6	DSIO	19.75	19.86	19.82	20.00
10	64QAM	1	24	ANT6	DSIO	19.82	19.83	19.73	20.00
10	64QAM	1	49	ANT6	DSIO	19.74	19.71	19.63	20.00
10	64QAM	25	0	ANT6	DSIO	18.14	18.23	18.11	19.00
10	64QAM	25	12	ANT6	DSIO	18.26	18.30	18.13	19.00
10	64QAM	25	25	ANT6	DSIO	18.15	18.32	18.22	19.00
10	64QAM	50	0	ANT6	DSIO	18.22	18.21	18.08	19.00
10	256QAM	1	0	ANT6	DSIO	16.64	16.75	16.48	17.00
10	256QAM	1	24	ANT6	DSIO	16.64	16.63	16.49	17.00
10	256QAM	1	49	ANT6	DSIO	16.31	16.54	16.47	17.00
10	256QAM	25	0	ANT6	DSIO	16.45	16.52	16.55	17.00
10	256QAM	25	12	ANT6	DSIO	16.52	16.47	16.46	17.00
10	256QAM	25	25	ANT6	DSIO	16.34	16.42	16.43	17.00
10	256QAM	50	0	ANT6	DSIO	16.36	16.48	16.38	17.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20025	20175	20325	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSIO	21.35	21.40	21.35	22.00
15	QPSK	1	37	ANT6	DSIO	21.17	21.23	21.24	22.00
15	QPSK	1	74	ANT6	DSIO	21.18	21.21	21.15	22.00
15	QPSK	36	0	ANT6	DSIO	20.31	20.24	20.13	21.00
15	QPSK	36	19	ANT6	DSIO	20.22	20.25	20.17	21.00
15	QPSK	36	39	ANT6	DSIO	20.20	20.28	20.25	21.00
15	QPSK	75	0	ANT6	DSIO	20.33	20.35	20.15	21.00
15	16QAM	1	0	ANT6	DSIO	20.52	20.65	20.65	21.00
15	16QAM	1	37	ANT6	DSIO	20.66	20.65	20.66	21.00
15	16QAM	1	74	ANT6	DSIO	20.41	20.51	20.53	21.00
15	16QAM	36	0	ANT6	DSIO	19.20	19.26	19.24	20.00
15	16QAM	36	19	ANT6	DSIO	19.24	19.29	19.30	20.00
15	16QAM	36	39	ANT6	DSIO	19.31	19.23	19.27	20.00
15	16QAM	75	0	ANT6	DSIO	19.19	19.31	19.19	20.00
15	64QAM	1	0	ANT6	DSIO	19.74	20.00	19.78	20.00
15	64QAM	1	37	ANT6	DSIO	19.79	19.84	19.80	20.00
15	64QAM	1	74	ANT6	DSIO	19.66	19.74	19.64	20.00
15	64QAM	36	0	ANT6	DSIO	18.20	18.34	18.16	19.00
15	64QAM	36	19	ANT6	DSIO	18.29	18.23	18.15	19.00
15	64QAM	36	39	ANT6	DSIO	18.24	18.26	18.20	19.00
15	64QAM	75	0	ANT6	DSIO	18.25	18.28	18.10	19.00
15	256QAM	1	0	ANT6	DSIO	16.59	16.62	16.51	17.00
15	256QAM	1	37	ANT6	DSIO	16.54	16.73	16.47	17.00
15	256QAM	1	74	ANT6	DSIO	16.41	16.54	16.41	17.00
15	256QAM	36	0	ANT6	DSIO	16.38	16.61	16.45	17.00
15	256QAM	36	19	ANT6	DSIO	16.38	16.55	16.43	17.00
15	256QAM	36	39	ANT6	DSIO	16.37	16.46	16.44	17.00
15	256QAM	75	0	ANT6	DSIO	16.46	16.58	16.46	17.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20050	20175	20300	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSIO	21.39	21.44	21.36	22.00
20	QPSK	1	49	ANT6	DSIO	21.29	21.38	21.32	22.00
20	QPSK	1	99	ANT6	DSIO	21.20	21.27	21.22	22.00
20	QPSK	50	0	ANT6	DSIO	20.37	20.38	20.25	21.00
20	QPSK	50	25	ANT6	DSIO	20.29	20.36	20.30	21.00
20	QPSK	50	50	ANT6	DSIO	20.30	20.32	20.31	21.00
20	QPSK	100	0	ANT6	DSIO	20.34	20.39	20.30	21.00
20	16QAM	1	0	ANT6	DSIO	20.66	20.79	20.76	21.00
20	16QAM	1	49	ANT6	DSIO	20.70	20.76	20.74	21.00
20	16QAM	1	99	ANT6	DSIO	20.50	20.65	20.57	21.00
20	16QAM	50	0	ANT6	DSIO	19.25	19.38	19.30	20.00
20	16QAM	50	25	ANT6	DSIO	19.32	19.35	19.32	20.00
20	16QAM	50	50	ANT6	DSIO	19.33	19.36	19.28	20.00
20	16QAM	100	0	ANT6	DSIO	19.25	19.36	19.28	20.00
20	64QAM	1	0	ANT6	DSIO	19.86	19.91	19.86	20.00
20	64QAM	1	49	ANT6	DSIO	19.85	19.95	19.85	20.00
20	64QAM	1	99	ANT6	DSIO	19.76	19.79	19.67	20.00
20	64QAM	50	0	ANT6	DSIO	18.27	18.35	18.23	19.00
20	64QAM	50	25	ANT6	DSIO	18.30	18.36	18.25	19.00
20	64QAM	50	50	ANT6	DSIO	18.30	18.35	18.25	19.00
20	64QAM	100	0	ANT6	DSIO	18.30	18.31	18.22	19.00
20	256QAM	1	0	ANT6	DSIO	16.67	16.77	16.62	17.00
20	256QAM	1	49	ANT6	DSIO	16.66	16.74	16.59	17.00
20	256QAM	1	99	ANT6	DSIO	16.45	16.58	16.53	17.00
20	256QAM	50	0	ANT6	DSIO	16.50	16.63	16.60	17.00
20	256QAM	50	25	ANT6	DSIO	16.53	16.58	16.57	17.00
20	256QAM	50	50	ANT6	DSIO	16.43	16.54	16.49	17.00
20	256QAM	100	0	ANT6	DSIO	16.48	16.62	16.48	17.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19957	20175	20393	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSI1	12.23	12.47	12.29	13.00
1.4	QPSK	1	2	ANT6	DSI1	12.19	12.28	12.26	13.00
1.4	QPSK	1	5	ANT6	DSI1	12.19	12.27	12.19	13.00
1.4	QPSK	3	0	ANT6	DSI1	12.21	12.16	12.19	13.00
1.4	QPSK	3	1	ANT6	DSI1	12.09	12.17	12.08	13.00
1.4	QPSK	3	3	ANT6	DSI1	12.15	12.22	12.07	13.00
1.4	QPSK	6	0	ANT6	DSI1	12.21	12.24	12.08	13.00
1.4	16QAM	1	0	ANT6	DSI1	12.12	12.18	12.11	13.00
1.4	16QAM	1	2	ANT6	DSI1	12.17	12.24	12.16	13.00
1.4	16QAM	1	5	ANT6	DSI1	12.06	12.27	12.06	13.00
1.4	16QAM	3	0	ANT6	DSI1	12.22	12.30	12.18	13.00
1.4	16QAM	3	1	ANT6	DSI1	12.19	12.21	12.15	13.00
1.4	16QAM	3	3	ANT6	DSI1	12.14	12.27	12.19	13.00
1.4	16QAM	6	0	ANT6	DSI1	12.12	12.20	12.16	13.00
1.4	64QAM	1	0	ANT6	DSI1	12.04	12.11	12.02	13.00
1.4	64QAM	1	2	ANT6	DSI1	12.08	12.25	12.21	13.00
1.4	64QAM	1	5	ANT6	DSI1	12.13	12.13	12.01	13.00
1.4	64QAM	3	0	ANT6	DSI1	12.24	12.24	12.13	13.00
1.4	64QAM	3	1	ANT6	DSI1	12.15	12.30	12.22	13.00
1.4	64QAM	3	3	ANT6	DSI1	12.16	12.21	12.17	13.00
1.4	64QAM	6	0	ANT6	DSI1	12.18	12.30	12.13	13.00
1.4	256QAM	1	0	ANT6	DSI1	12.30	12.39	12.35	13.00
1.4	256QAM	1	2	ANT6	DSI1	12.06	12.12	11.99	13.00
1.4	256QAM	1	5	ANT6	DSI1	12.07	12.10	12.11	13.00
1.4	256QAM	3	0	ANT6	DSI1	12.07	12.17	12.09	13.00
1.4	256QAM	3	1	ANT6	DSI1	12.13	12.22	12.14	13.00
1.4	256QAM	3	3	ANT6	DSI1	12.11	12.26	12.16	13.00
1.4	256QAM	6	0	ANT6	DSI1	12.20	12.28	12.25	13.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19965	20175	20385	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSI1	12.28	12.40	12.23	13.00
3	QPSK	1	7	ANT6	DSI1	12.18	12.39	12.24	13.00
3	QPSK	1	14	ANT6	DSI1	12.06	12.30	12.16	13.00
3	QPSK	8	0	ANT6	DSI1	12.08	12.17	12.18	13.00
3	QPSK	8	3	ANT6	DSI1	12.09	12.17	12.16	13.00
3	QPSK	8	7	ANT6	DSI1	12.15	12.20	12.16	13.00
3	QPSK	15	0	ANT6	DSI1	12.19	12.23	12.20	13.00
3	16QAM	1	0	ANT6	DSI1	12.16	12.18	12.12	13.00
3	16QAM	1	7	ANT6	DSI1	12.10	12.20	12.24	13.00
3	16QAM	1	14	ANT6	DSI1	12.07	12.18	12.08	13.00
3	16QAM	8	0	ANT6	DSI1	12.25	12.29	12.15	13.00
3	16QAM	8	3	ANT6	DSI1	12.28	12.33	12.16	13.00
3	16QAM	8	7	ANT6	DSI1	12.21	12.27	12.19	13.00
3	16QAM	15	0	ANT6	DSI1	12.10	12.18	12.11	13.00
3	64QAM	1	0	ANT6	DSI1	12.12	12.03	12.02	13.00
3	64QAM	1	7	ANT6	DSI1	12.08	12.19	12.14	13.00
3	64QAM	1	14	ANT6	DSI1	12.16	12.23	11.99	13.00
3	64QAM	8	0	ANT6	DSI1	12.25	12.25	12.11	13.00
3	64QAM	8	3	ANT6	DSI1	12.08	12.24	12.31	13.00
3	64QAM	8	7	ANT6	DSI1	12.23	12.26	12.23	13.00
3	64QAM	15	0	ANT6	DSI1	12.19	12.23	12.16	13.00
3	256QAM	1	0	ANT6	DSI1	12.30	12.36	12.30	13.00
3	256QAM	1	7	ANT6	DSI1	12.10	12.10	12.02	13.00
3	256QAM	1	14	ANT6	DSI1	12.02	12.19	12.15	13.00
3	256QAM	8	0	ANT6	DSI1	12.08	12.21	12.09	13.00
3	256QAM	8	3	ANT6	DSI1	12.13	12.23	12.20	13.00
3	256QAM	8	7	ANT6	DSI1	12.19	12.22	12.24	13.00
3	256QAM	15	0	ANT6	DSI1	12.21	12.20	12.18	13.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19975	20175	20375	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSI1	12.24	12.38	12.29	13.00
5	QPSK	1	12	ANT6	DSI1	12.18	12.31	12.13	13.00
5	QPSK	1	24	ANT6	DSI1	12.19	12.23	12.20	13.00
5	QPSK	12	0	ANT6	DSI1	12.11	12.22	12.16	13.00
5	QPSK	12	6	ANT6	DSI1	12.09	12.16	12.17	13.00
5	QPSK	12	13	ANT6	DSI1	12.06	12.29	12.06	13.00
5	QPSK	25	0	ANT6	DSI1	12.30	12.19	12.11	13.00
5	16QAM	1	0	ANT6	DSI1	12.10	12.11	12.17	13.00
5	16QAM	1	12	ANT6	DSI1	12.19	12.23	12.16	13.00
5	16QAM	1	24	ANT6	DSI1	12.14	12.24	12.06	13.00
5	16QAM	12	0	ANT6	DSI1	12.20	12.31	12.22	13.00
5	16QAM	12	6	ANT6	DSI1	12.22	12.25	12.26	13.00
5	16QAM	12	13	ANT6	DSI1	12.11	12.29	12.28	13.00
5	16QAM	25	0	ANT6	DSI1	12.09	12.18	12.11	13.00
5	64QAM	1	0	ANT6	DSI1	12.02	12.13	12.03	13.00
5	64QAM	1	12	ANT6	DSI1	12.07	12.27	12.11	13.00
5	64QAM	1	24	ANT6	DSI1	12.15	12.15	12.03	13.00
5	64QAM	12	0	ANT6	DSI1	12.21	12.31	12.24	13.00
5	64QAM	12	6	ANT6	DSI1	12.20	12.32	12.21	13.00
5	64QAM	12	13	ANT6	DSI1	12.19	12.31	12.21	13.00
5	64QAM	25	0	ANT6	DSI1	12.19	12.23	12.14	13.00
5	256QAM	1	0	ANT6	DSI1	12.32	12.32	12.36	13.00
5	256QAM	1	12	ANT6	DSI1	11.96	12.17	12.07	13.00
5	256QAM	1	24	ANT6	DSI1	12.04	12.12	12.07	13.00
5	256QAM	12	0	ANT6	DSI1	11.99	12.13	12.08	13.00
5	256QAM	12	6	ANT6	DSI1	12.16	12.22	12.11	13.00
5	256QAM	12	13	ANT6	DSI1	12.19	12.32	12.19	13.00
5	256QAM	25	0	ANT6	DSI1	12.16	12.25	12.24	13.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20000	20175	20350	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSI1	12.20	12.46	12.35	13.00
10	QPSK	1	24	ANT6	DSI1	12.21	12.31	12.21	13.00
10	QPSK	1	49	ANT6	DSI1	12.12	12.30	12.23	13.00
10	QPSK	25	0	ANT6	DSI1	12.14	12.24	12.21	13.00
10	QPSK	25	12	ANT6	DSI1	12.11	12.25	12.15	13.00
10	QPSK	25	25	ANT6	DSI1	12.14	12.30	12.13	13.00
10	QPSK	50	0	ANT6	DSI1	12.18	12.28	12.10	13.00
10	16QAM	1	0	ANT6	DSI1	12.12	12.20	12.14	13.00
10	16QAM	1	24	ANT6	DSI1	12.14	12.13	12.11	13.00
10	16QAM	1	49	ANT6	DSI1	12.11	12.26	12.06	13.00
10	16QAM	25	0	ANT6	DSI1	12.31	12.32	12.15	13.00
10	16QAM	25	12	ANT6	DSI1	12.24	12.31	12.27	13.00
10	16QAM	25	25	ANT6	DSI1	12.20	12.32	12.26	13.00
10	16QAM	50	0	ANT6	DSI1	12.15	12.19	12.19	13.00
10	64QAM	1	0	ANT6	DSI1	12.02	12.13	11.98	13.00
10	64QAM	1	24	ANT6	DSI1	12.15	12.14	12.12	13.00
10	64QAM	1	49	ANT6	DSI1	12.16	12.22	11.99	13.00
10	64QAM	25	0	ANT6	DSI1	12.31	12.24	12.16	13.00
10	64QAM	25	12	ANT6	DSI1	12.14	12.30	12.29	13.00
10	64QAM	25	25	ANT6	DSI1	12.20	12.27	12.18	13.00
10	64QAM	50	0	ANT6	DSI1	12.13	12.16	12.17	13.00
10	256QAM	1	0	ANT6	DSI1	12.24	12.40	12.38	13.00
10	256QAM	1	24	ANT6	DSI1	12.10	12.17	11.99	13.00
10	256QAM	1	49	ANT6	DSI1	12.03	12.23	12.03	13.00
10	256QAM	25	0	ANT6	DSI1	11.96	12.10	12.12	13.00
10	256QAM	25	12	ANT6	DSI1	12.15	12.19	12.22	13.00
10	256QAM	25	25	ANT6	DSI1	12.13	12.32	12.12	13.00
10	256QAM	50	0	ANT6	DSI1	12.21	12.17	12.14	13.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20025	20175	20325	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSI1	12.19	12.42	12.24	13.00
15	QPSK	1	37	ANT6	DSI1	12.25	12.39	12.14	13.00
15	QPSK	1	74	ANT6	DSI1	12.19	12.21	12.17	13.00
15	QPSK	36	0	ANT6	DSI1	12.08	12.16	12.15	13.00
15	QPSK	36	19	ANT6	DSI1	12.08	12.16	12.13	13.00
15	QPSK	36	39	ANT6	DSI1	12.16	12.20	12.18	13.00
15	QPSK	75	0	ANT6	DSI1	12.26	12.32	12.21	13.00
15	16QAM	1	0	ANT6	DSI1	12.11	12.19	12.11	13.00
15	16QAM	1	37	ANT6	DSI1	12.17	12.21	12.22	13.00
15	16QAM	1	74	ANT6	DSI1	12.05	12.16	12.16	13.00
15	16QAM	36	0	ANT6	DSI1	12.26	12.29	12.19	13.00
15	16QAM	36	19	ANT6	DSI1	12.28	12.23	12.14	13.00
15	16QAM	36	39	ANT6	DSI1	12.11	12.30	12.17	13.00
15	16QAM	75	0	ANT6	DSI1	12.12	12.21	12.23	13.00
15	64QAM	1	0	ANT6	DSI1	12.08	12.06	12.07	13.00
15	64QAM	1	37	ANT6	DSI1	12.10	12.15	12.11	13.00
15	64QAM	1	74	ANT6	DSI1	12.13	12.13	12.06	13.00
15	64QAM	36	0	ANT6	DSI1	12.33	12.30	12.14	13.00
15	64QAM	36	19	ANT6	DSI1	12.19	12.32	12.27	13.00
15	64QAM	36	39	ANT6	DSI1	12.14	12.20	12.15	13.00
15	64QAM	75	0	ANT6	DSI1	12.16	12.21	12.08	13.00
15	256QAM	1	0	ANT6	DSI1	12.26	12.39	12.30	13.00
15	256QAM	1	37	ANT6	DSI1	12.09	12.23	12.03	13.00
15	256QAM	1	74	ANT6	DSI1	12.13	12.19	12.05	13.00
15	256QAM	36	0	ANT6	DSI1	11.96	12.20	12.19	13.00
15	256QAM	36	19	ANT6	DSI1	12.18	12.21	12.20	13.00
15	256QAM	36	39	ANT6	DSI1	12.16	12.33	12.15	13.00
15	256QAM	75	0	ANT6	DSI1	12.14	12.28	12.25	13.00

Band				LTE B4-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20050	20175	20300	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSI1	12.33	12.48	12.38	13.00
20	QPSK	1	49	ANT6	DSI1	12.27	12.40	12.27	13.00
20	QPSK	1	99	ANT6	DSI1	12.21	12.36	12.24	13.00
20	QPSK	50	0	ANT6	DSI1	12.22	12.30	12.27	13.00
20	QPSK	50	25	ANT6	DSI1	12.19	12.29	12.18	13.00
20	QPSK	50	50	ANT6	DSI1	12.21	12.32	12.19	13.00
20	QPSK	100	0	ANT6	DSI1	12.32	12.34	12.23	13.00
20	16QAM	1	0	ANT6	DSI1	12.18	12.22	12.21	13.00
20	16QAM	1	49	ANT6	DSI1	12.22	12.27	12.25	13.00
20	16QAM	1	99	ANT6	DSI1	12.16	12.28	12.20	13.00
20	16QAM	50	0	ANT6	DSI1	12.34	12.35	12.24	13.00
20	16QAM	50	25	ANT6	DSI1	12.29	12.35	12.28	13.00
20	16QAM	50	50	ANT6	DSI1	12.24	12.33	12.29	13.00
20	16QAM	100	0	ANT6	DSI1	12.23	12.32	12.26	13.00
20	64QAM	1	0	ANT6	DSI1	12.14	12.16	12.09	13.00
20	64QAM	1	49	ANT6	DSI1	12.20	12.28	12.22	13.00
20	64QAM	1	99	ANT6	DSI1	12.24	12.25	12.14	13.00
20	64QAM	50	0	ANT6	DSI1	12.34	12.36	12.25	13.00
20	64QAM	50	25	ANT6	DSI1	12.22	12.34	12.32	13.00
20	64QAM	50	50	ANT6	DSI1	12.27	12.32	12.26	13.00
20	64QAM	100	0	ANT6	DSI1	12.23	12.31	12.19	13.00
20	256QAM	1	0	ANT6	DSI1	12.39	12.45	12.44	13.00
20	256QAM	1	49	ANT6	DSI1	12.11	12.25	12.12	13.00
20	256QAM	1	99	ANT6	DSI1	12.15	12.25	12.17	13.00
20	256QAM	50	0	ANT6	DSI1	12.09	12.23	12.20	13.00
20	256QAM	50	25	ANT6	DSI1	12.23	12.31	12.26	13.00
20	256QAM	50	50	ANT6	DSI1	12.26	12.36	12.26	13.00
20	256QAM	100	0	ANT6	DSI1	12.27	12.32	12.27	13.00

Band				LTE B5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20407	20525	20643	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSIO	23.11	23.24	23.17	24.00
1.4	QPSK	1	2	ANT2	DSIO	23.19	23.22	23.10	24.00
1.4	QPSK	1	5	ANT2	DSIO	23.01	23.16	23.10	24.00
1.4	QPSK	3	0	ANT2	DSIO	23.07	23.19	23.08	24.00
1.4	QPSK	3	1	ANT2	DSIO	23.03	23.18	23.06	24.00
1.4	QPSK	3	3	ANT2	DSIO	23.16	23.17	23.16	24.00
1.4	QPSK	6	0	ANT2	DSIO	22.06	22.15	22.02	23.00
1.4	16QAM	1	0	ANT2	DSIO	22.60	22.63	22.62	23.00
1.4	16QAM	1	2	ANT2	DSIO	22.51	22.61	22.47	23.00
1.4	16QAM	1	5	ANT2	DSIO	22.45	22.55	22.46	23.00
1.4	16QAM	3	0	ANT2	DSIO	22.33	22.38	22.35	23.00
1.4	16QAM	3	1	ANT2	DSIO	22.27	22.37	22.33	23.00
1.4	16QAM	3	3	ANT2	DSIO	22.30	22.36	22.26	23.00
1.4	16QAM	6	0	ANT2	DSIO	20.96	21.04	20.89	22.00
1.4	64QAM	1	0	ANT2	DSIO	21.24	21.32	21.30	22.00
1.4	64QAM	1	2	ANT2	DSIO	21.37	21.38	21.37	22.00
1.4	64QAM	1	5	ANT2	DSIO	21.20	21.31	21.21	22.00
1.4	64QAM	3	0	ANT2	DSIO	21.17	21.26	21.15	22.00
1.4	64QAM	3	1	ANT2	DSIO	21.20	21.28	21.22	22.00
1.4	64QAM	3	3	ANT2	DSIO	21.16	21.27	21.20	22.00
1.4	64QAM	6	0	ANT2	DSIO	20.40	20.43	20.42	21.00
1.4	256QAM	1	0	ANT2	DSIO	18.07	18.09	18.05	19.00
1.4	256QAM	1	2	ANT2	DSIO	18.03	18.12	18.11	19.00
1.4	256QAM	1	5	ANT2	DSIO	18.00	18.13	18.06	19.00
1.4	256QAM	3	0	ANT2	DSIO	18.18	18.27	18.24	19.00
1.4	256QAM	3	1	ANT2	DSIO	18.19	18.25	18.15	19.00
1.4	256QAM	3	3	ANT2	DSIO	18.11	18.23	18.09	19.00
1.4	256QAM	6	0	ANT2	DSIO	18.05	18.20	18.05	19.00

Band				LTE B5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20415	20525	20635	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSIO	23.12	23.21	23.04	24.00
3	QPSK	1	7	ANT2	DSIO	23.14	23.20	23.10	24.00
3	QPSK	1	14	ANT2	DSIO	22.94	23.00	22.96	24.00
3	QPSK	8	0	ANT2	DSIO	22.19	22.21	22.10	23.00
3	QPSK	8	3	ANT2	DSIO	22.17	22.12	22.10	23.00
3	QPSK	8	7	ANT2	DSIO	21.92	22.11	21.99	23.00
3	QPSK	15	0	ANT2	DSIO	22.06	22.15	22.10	23.00
3	16QAM	1	0	ANT2	DSIO	22.48	22.47	22.37	23.00
3	16QAM	1	7	ANT2	DSIO	22.40	22.48	22.42	23.00
3	16QAM	1	14	ANT2	DSIO	22.32	22.42	22.28	23.00
3	16QAM	8	0	ANT2	DSIO	21.00	21.14	21.06	22.00
3	16QAM	8	3	ANT2	DSIO	21.17	21.17	21.09	22.00
3	16QAM	8	7	ANT2	DSIO	21.01	21.05	20.90	22.00
3	16QAM	15	0	ANT2	DSIO	21.00	21.17	21.11	22.00
3	64QAM	1	0	ANT2	DSIO	21.17	21.31	21.23	22.00
3	64QAM	1	7	ANT2	DSIO	21.17	21.29	21.10	22.00
3	64QAM	1	14	ANT2	DSIO	21.11	21.23	21.12	22.00
3	64QAM	8	0	ANT2	DSIO	20.07	20.21	20.02	21.00
3	64QAM	8	3	ANT2	DSIO	20.13	20.17	20.04	21.00
3	64QAM	8	7	ANT2	DSIO	19.97	20.07	20.01	21.00
3	64QAM	15	0	ANT2	DSIO	20.01	20.11	20.10	21.00
3	256QAM	1	0	ANT2	DSIO	17.90	18.05	17.94	19.00
3	256QAM	1	7	ANT2	DSIO	17.79	17.94	17.85	19.00
3	256QAM	1	14	ANT2	DSIO	17.95	17.96	17.83	19.00
3	256QAM	8	0	ANT2	DSIO	18.16	18.18	18.21	19.00
3	256QAM	8	3	ANT2	DSIO	18.08	18.18	18.12	19.00
3	256QAM	8	7	ANT2	DSIO	18.04	18.20	18.00	19.00
3	256QAM	15	0	ANT2	DSIO	17.98	18.02	17.88	19.00

Band				LTE B5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20425	20525	20625	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	23.07	23.24	23.13	24.00
5	QPSK	1	12	ANT2	DSIO	23.12	23.08	23.05	24.00
5	QPSK	1	24	ANT2	DSIO	22.95	23.13	23.07	24.00
5	QPSK	12	0	ANT2	DSIO	22.13	22.14	22.13	23.00
5	QPSK	12	6	ANT2	DSIO	22.16	22.16	22.15	23.00
5	QPSK	12	13	ANT2	DSIO	21.95	22.06	21.89	23.00
5	QPSK	25	0	ANT2	DSIO	22.04	22.06	22.08	23.00
5	16QAM	1	0	ANT2	DSIO	22.52	22.55	22.46	23.00
5	16QAM	1	12	ANT2	DSIO	22.40	22.46	22.41	23.00
5	16QAM	1	24	ANT2	DSIO	22.29	22.41	22.35	23.00
5	16QAM	12	0	ANT2	DSIO	21.00	21.13	21.18	22.00
5	16QAM	12	6	ANT2	DSIO	21.17	21.08	21.04	22.00
5	16QAM	12	13	ANT2	DSIO	21.02	21.11	20.96	22.00
5	16QAM	25	0	ANT2	DSIO	20.98	21.06	21.07	22.00
5	64QAM	1	0	ANT2	DSIO	21.16	21.20	21.26	22.00
5	64QAM	1	12	ANT2	DSIO	21.20	21.30	21.04	22.00
5	64QAM	1	24	ANT2	DSIO	21.17	21.23	21.06	22.00
5	64QAM	12	0	ANT2	DSIO	20.10	20.11	20.11	21.00
5	64QAM	12	6	ANT2	DSIO	20.05	20.25	20.07	21.00
5	64QAM	12	13	ANT2	DSIO	20.00	20.09	20.07	21.00
5	64QAM	25	0	ANT2	DSIO	19.98	20.10	20.02	21.00
5	256QAM	1	0	ANT2	DSIO	17.84	18.00	17.94	19.00
5	256QAM	1	12	ANT2	DSIO	17.82	17.99	17.93	19.00
5	256QAM	1	24	ANT2	DSIO	17.81	17.95	17.79	19.00
5	256QAM	12	0	ANT2	DSIO	18.14	18.21	18.18	19.00
5	256QAM	12	6	ANT2	DSIO	17.97	18.19	18.03	19.00
5	256QAM	12	13	ANT2	DSIO	18.07	18.21	18.05	19.00
5	256QAM	25	0	ANT2	DSIO	18.01	18.06	17.88	19.00

Band				LTE B5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20450	20525	20600	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO	23.22	23.26	23.18	24.00
10	QPSK	1	24	ANT2	DSIO	23.17	23.21	23.18	24.00
10	QPSK	1	49	ANT2	DSIO	23.06	23.15	23.09	24.00
10	QPSK	25	0	ANT2	DSIO	22.24	22.28	22.16	23.00
10	QPSK	25	12	ANT2	DSIO	22.20	22.24	22.22	23.00
10	QPSK	25	25	ANT2	DSIO	21.97	22.12	22.03	23.00
10	QPSK	50	0	ANT2	DSIO	22.07	22.19	22.15	23.00
10	16QAM	1	0	ANT2	DSIO	22.54	22.60	22.52	23.00
10	16QAM	1	24	ANT2	DSIO	22.45	22.58	22.53	23.00
10	16QAM	1	49	ANT2	DSIO	22.40	22.48	22.36	23.00
10	16QAM	25	0	ANT2	DSIO	21.12	21.24	21.19	22.00
10	16QAM	25	12	ANT2	DSIO	21.22	21.23	21.17	22.00
10	16QAM	25	25	ANT2	DSIO	21.08	21.16	21.05	22.00
10	16QAM	50	0	ANT2	DSIO	21.07	21.18	21.12	22.00
10	64QAM	1	0	ANT2	DSIO	21.29	21.34	21.27	22.00
10	64QAM	1	24	ANT2	DSIO	21.22	21.33	21.18	22.00
10	64QAM	1	49	ANT2	DSIO	21.18	21.28	21.17	22.00
10	64QAM	25	0	ANT2	DSIO	20.15	20.25	20.15	21.00
10	64QAM	25	12	ANT2	DSIO	20.20	20.28	20.17	21.00
10	64QAM	25	25	ANT2	DSIO	20.12	20.21	20.15	21.00
10	64QAM	50	0	ANT2	DSIO	20.08	20.17	20.14	21.00
10	256QAM	1	0	ANT2	DSIO	17.99	18.12	18.03	19.00
10	256QAM	1	24	ANT2	DSIO	17.94	18.08	17.96	19.00
10	256QAM	1	49	ANT2	DSIO	17.96	18.04	17.91	19.00
10	256QAM	25	0	ANT2	DSIO	18.17	18.29	18.26	19.00
10	256QAM	25	12	ANT2	DSIO	18.11	18.23	18.16	19.00
10	256QAM	25	25	ANT2	DSIO	18.16	18.22	18.13	19.00
10	256QAM	50	0	ANT2	DSIO	18.02	18.16	18.03	19.00

Band				LTE B5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20407	20525	20643	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSI1	19.64	19.76	19.72	20.00
1.4	QPSK	1	2	ANT2	DSI1	19.60	19.76	19.61	20.00
1.4	QPSK	1	5	ANT2	DSI1	19.68	19.60	19.68	20.00
1.4	QPSK	3	0	ANT2	DSI1	19.63	19.63	19.62	20.00
1.4	QPSK	3	1	ANT2	DSI1	19.62	19.67	19.54	20.00
1.4	QPSK	3	3	ANT2	DSI1	19.60	19.61	19.51	20.00
1.4	QPSK	6	0	ANT2	DSI1	19.60	19.70	19.54	20.00
1.4	16QAM	1	0	ANT2	DSI1	19.48	19.61	19.42	20.00
1.4	16QAM	1	2	ANT2	DSI1	19.45	19.47	19.37	20.00
1.4	16QAM	1	5	ANT2	DSI1	19.52	19.67	19.67	20.00
1.4	16QAM	3	0	ANT2	DSI1	19.59	19.61	19.60	20.00
1.4	16QAM	3	1	ANT2	DSI1	19.62	19.61	19.57	20.00
1.4	16QAM	3	3	ANT2	DSI1	19.67	19.66	19.70	20.00
1.4	16QAM	6	0	ANT2	DSI1	19.67	19.67	19.73	20.00
1.4	64QAM	1	0	ANT2	DSI1	19.54	19.64	19.57	20.00
1.4	64QAM	1	2	ANT2	DSI1	19.45	19.60	19.55	20.00
1.4	64QAM	1	5	ANT2	DSI1	19.60	19.62	19.59	20.00
1.4	64QAM	3	0	ANT2	DSI1	19.56	19.66	19.62	20.00
1.4	64QAM	3	1	ANT2	DSI1	19.46	19.53	19.45	20.00
1.4	64QAM	3	3	ANT2	DSI1	19.62	19.54	19.47	20.00
1.4	64QAM	6	0	ANT2	DSI1	19.65	19.54	19.54	20.00
1.4	256QAM	1	0	ANT2	DSI1	18.48	18.62	18.64	19.00
1.4	256QAM	1	2	ANT2	DSI1	18.41	18.67	18.60	19.00
1.4	256QAM	1	5	ANT2	DSI1	18.55	18.53	18.45	19.00
1.4	256QAM	3	0	ANT2	DSI1	18.62	18.78	18.68	19.00
1.4	256QAM	3	1	ANT2	DSI1	18.75	18.80	18.66	19.00
1.4	256QAM	3	3	ANT2	DSI1	18.69	18.80	18.81	19.00
1.4	256QAM	6	0	ANT2	DSI1	18.71	18.77	18.64	19.00

Band				LTE B5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20415	20525	20635	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSI1	19.68	19.75	19.65	20.00
3	QPSK	1	7	ANT2	DSI1	19.69	19.75	19.61	20.00
3	QPSK	1	14	ANT2	DSI1	19.64	19.61	19.62	20.00
3	QPSK	8	0	ANT2	DSI1	19.70	19.69	19.64	20.00
3	QPSK	8	3	ANT2	DSI1	19.57	19.66	19.65	20.00
3	QPSK	8	7	ANT2	DSI1	19.58	19.65	19.55	20.00
3	QPSK	15	0	ANT2	DSI1	19.49	19.74	19.54	20.00
3	16QAM	1	0	ANT2	DSI1	19.39	19.58	19.55	20.00
3	16QAM	1	7	ANT2	DSI1	19.42	19.60	19.33	20.00
3	16QAM	1	14	ANT2	DSI1	19.55	19.64	19.67	20.00
3	16QAM	8	0	ANT2	DSI1	19.61	19.71	19.55	20.00
3	16QAM	8	3	ANT2	DSI1	19.64	19.76	19.56	20.00
3	16QAM	8	7	ANT2	DSI1	19.67	19.71	19.64	20.00
3	16QAM	15	0	ANT2	DSI1	19.66	19.70	19.67	20.00
3	64QAM	1	0	ANT2	DSI1	19.42	19.55	19.59	20.00
3	64QAM	1	7	ANT2	DSI1	19.46	19.66	19.56	20.00
3	64QAM	1	14	ANT2	DSI1	19.53	19.61	19.47	20.00
3	64QAM	8	0	ANT2	DSI1	19.63	19.68	19.58	20.00
3	64QAM	8	3	ANT2	DSI1	19.48	19.54	19.45	20.00
3	64QAM	8	7	ANT2	DSI1	19.52	19.55	19.44	20.00
3	64QAM	15	0	ANT2	DSI1	19.61	19.63	19.55	20.00
3	256QAM	1	0	ANT2	DSI1	18.53	18.59	18.61	19.00
3	256QAM	1	7	ANT2	DSI1	18.53	18.54	18.53	19.00
3	256QAM	1	14	ANT2	DSI1	18.55	18.56	18.48	19.00
3	256QAM	8	0	ANT2	DSI1	18.59	18.73	18.72	19.00
3	256QAM	8	3	ANT2	DSI1	18.61	18.76	18.79	19.00
3	256QAM	8	7	ANT2	DSI1	18.76	18.84	18.75	19.00
3	256QAM	15	0	ANT2	DSI1	18.71	18.68	18.60	19.00

Band				LTE B5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20425	20525	20625	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	19.64	19.82	19.64	20.00
5	QPSK	1	12	ANT2	DSI1	19.72	19.75	19.50	20.00
5	QPSK	1	24	ANT2	DSI1	19.64	19.67	19.57	20.00
5	QPSK	12	0	ANT2	DSI1	19.66	19.65	19.53	20.00
5	QPSK	12	6	ANT2	DSI1	19.56	19.67	19.61	20.00
5	QPSK	12	13	ANT2	DSI1	19.67	19.63	19.56	20.00
5	QPSK	25	0	ANT2	DSI1	19.60	19.66	19.50	20.00
5	16QAM	1	0	ANT2	DSI1	19.35	19.54	19.42	20.00
5	16QAM	1	12	ANT2	DSI1	19.46	19.49	19.38	20.00
5	16QAM	1	24	ANT2	DSI1	19.46	19.66	19.65	20.00
5	16QAM	12	0	ANT2	DSI1	19.62	19.63	19.48	20.00
5	16QAM	12	6	ANT2	DSI1	19.66	19.70	19.65	20.00
5	16QAM	12	13	ANT2	DSI1	19.57	19.69	19.68	20.00
5	16QAM	25	0	ANT2	DSI1	19.65	19.75	19.60	20.00
5	64QAM	1	0	ANT2	DSI1	19.55	19.65	19.48	20.00
5	64QAM	1	12	ANT2	DSI1	19.49	19.57	19.62	20.00
5	64QAM	1	24	ANT2	DSI1	19.58	19.63	19.48	20.00
5	64QAM	12	0	ANT2	DSI1	19.64	19.74	19.53	20.00
5	64QAM	12	6	ANT2	DSI1	19.54	19.62	19.52	20.00
5	64QAM	12	13	ANT2	DSI1	19.53	19.53	19.45	20.00
5	64QAM	25	0	ANT2	DSI1	19.57	19.63	19.51	20.00
5	256QAM	1	0	ANT2	DSI1	18.52	18.69	18.67	19.00
5	256QAM	1	12	ANT2	DSI1	18.47	18.67	18.62	19.00
5	256QAM	1	24	ANT2	DSI1	18.59	18.64	18.50	19.00
5	256QAM	12	0	ANT2	DSI1	18.60	18.83	18.72	19.00
5	256QAM	12	6	ANT2	DSI1	18.63	18.82	18.79	19.00
5	256QAM	12	13	ANT2	DSI1	18.75	18.78	18.79	19.00
5	256QAM	25	0	ANT2	DSI1	18.71	18.77	18.59	19.00

Band				LTE B5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20450	20525	20600	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1	19.77	19.84	19.73	20.00
10	QPSK	1	24	ANT2	DSI1	19.75	19.79	19.65	20.00
10	QPSK	1	49	ANT2	DSI1	19.73	19.74	19.69	20.00
10	QPSK	25	0	ANT2	DSI1	19.77	19.78	19.65	20.00
10	QPSK	25	12	ANT2	DSI1	19.63	19.75	19.67	20.00
10	QPSK	25	25	ANT2	DSI1	19.70	19.74	19.62	20.00
10	QPSK	50	0	ANT2	DSI1	19.62	19.77	19.65	20.00
10	16QAM	1	0	ANT2	DSI1	19.50	19.65	19.57	20.00
10	16QAM	1	24	ANT2	DSI1	19.57	19.61	19.46	20.00
10	16QAM	1	49	ANT2	DSI1	19.61	19.72	19.69	20.00
10	16QAM	25	0	ANT2	DSI1	19.69	19.75	19.62	20.00
10	16QAM	25	12	ANT2	DSI1	19.70	19.84	19.70	20.00
10	16QAM	25	25	ANT2	DSI1	19.68	19.77	19.76	20.00
10	16QAM	50	0	ANT2	DSI1	19.71	19.78	19.74	20.00
10	64QAM	1	0	ANT2	DSI1	19.57	19.70	19.62	20.00
10	64QAM	1	24	ANT2	DSI1	19.60	19.71	19.69	20.00
10	64QAM	1	49	ANT2	DSI1	19.67	19.71	19.60	20.00
10	64QAM	25	0	ANT2	DSI1	19.66	19.75	19.66	20.00
10	64QAM	25	12	ANT2	DSI1	19.56	19.67	19.58	20.00
10	64QAM	25	25	ANT2	DSI1	19.63	19.64	19.51	20.00
10	64QAM	50	0	ANT2	DSI1	19.66	19.69	19.64	20.00
10	256QAM	1	0	ANT2	DSI1	18.61	18.73	18.70	19.00
10	256QAM	1	24	ANT2	DSI1	18.55	18.68	18.63	19.00
10	256QAM	1	49	ANT2	DSI1	18.65	18.66	18.54	19.00
10	256QAM	25	0	ANT2	DSI1	18.74	18.88	18.82	19.00
10	256QAM	25	12	ANT2	DSI1	18.76	18.91	18.81	19.00
10	256QAM	25	25	ANT2	DSI1	18.80	18.86	18.83	19.00
10	256QAM	50	0	ANT2	DSI1	18.78	18.80	18.65	19.00

Band				LTE B5-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20407	20525	20643	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSIO	20.11	20.24	20.17	21.00
1.4	QPSK	1	2	ANT2	DSIO	20.19	20.22	20.10	21.00
1.4	QPSK	1	5	ANT2	DSIO	20.01	20.16	20.10	21.00
1.4	QPSK	3	0	ANT2	DSIO	20.07	20.19	20.08	21.00
1.4	QPSK	3	1	ANT2	DSIO	20.03	20.18	20.06	21.00
1.4	QPSK	3	3	ANT2	DSIO	20.16	20.17	20.16	21.00
1.4	QPSK	6	0	ANT2	DSIO	19.06	19.15	19.02	20.00
1.4	16QAM	1	0	ANT2	DSIO	19.60	19.63	19.62	20.00
1.4	16QAM	1	2	ANT2	DSIO	19.51	19.61	19.47	20.00
1.4	16QAM	1	5	ANT2	DSIO	19.45	19.55	19.46	20.00
1.4	16QAM	3	0	ANT2	DSIO	19.33	19.38	19.35	20.00
1.4	16QAM	3	1	ANT2	DSIO	19.27	19.37	19.33	20.00
1.4	16QAM	3	3	ANT2	DSIO	19.30	19.36	19.26	20.00
1.4	16QAM	6	0	ANT2	DSIO	17.96	18.04	17.89	19.00
1.4	64QAM	1	0	ANT2	DSIO	18.24	18.32	18.30	19.00
1.4	64QAM	1	2	ANT2	DSIO	18.37	18.38	18.37	19.00
1.4	64QAM	1	5	ANT2	DSIO	18.20	18.31	18.21	19.00
1.4	64QAM	3	0	ANT2	DSIO	18.17	18.26	18.15	19.00
1.4	64QAM	3	1	ANT2	DSIO	18.20	18.28	18.22	19.00
1.4	64QAM	3	3	ANT2	DSIO	18.16	18.27	18.20	19.00
1.4	64QAM	6	0	ANT2	DSIO	17.40	17.43	17.42	18.00
1.4	256QAM	1	0	ANT2	DSIO	15.07	15.09	15.05	16.00
1.4	256QAM	1	2	ANT2	DSIO	15.03	15.12	15.11	16.00
1.4	256QAM	1	5	ANT2	DSIO	15.00	15.13	15.06	16.00
1.4	256QAM	3	0	ANT2	DSIO	15.18	15.27	15.24	16.00
1.4	256QAM	3	1	ANT2	DSIO	15.19	15.25	15.15	16.00
1.4	256QAM	3	3	ANT2	DSIO	15.11	15.23	15.09	16.00
1.4	256QAM	6	0	ANT2	DSIO	15.05	15.20	15.05	16.00

Band				LTE B5-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20415	20525	20635	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSIO	20.12	20.21	20.04	21.00
3	QPSK	1	7	ANT2	DSIO	20.14	20.20	20.10	21.00
3	QPSK	1	14	ANT2	DSIO	19.94	20.00	19.96	21.00
3	QPSK	8	0	ANT2	DSIO	19.19	19.21	19.10	20.00
3	QPSK	8	3	ANT2	DSIO	19.17	19.12	19.10	20.00
3	QPSK	8	7	ANT2	DSIO	18.92	19.11	18.99	20.00
3	QPSK	15	0	ANT2	DSIO	19.06	19.15	19.10	20.00
3	16QAM	1	0	ANT2	DSIO	19.48	19.47	19.37	20.00
3	16QAM	1	7	ANT2	DSIO	19.40	19.48	19.42	20.00
3	16QAM	1	14	ANT2	DSIO	19.32	19.42	19.28	20.00
3	16QAM	8	0	ANT2	DSIO	18.00	18.14	18.06	19.00
3	16QAM	8	3	ANT2	DSIO	18.17	18.17	18.09	19.00
3	16QAM	8	7	ANT2	DSIO	18.01	18.05	17.90	19.00
3	16QAM	15	0	ANT2	DSIO	18.00	18.17	18.11	19.00
3	64QAM	1	0	ANT2	DSIO	18.17	18.31	18.23	19.00
3	64QAM	1	7	ANT2	DSIO	18.17	18.29	18.10	19.00
3	64QAM	1	14	ANT2	DSIO	18.11	18.23	18.12	19.00
3	64QAM	8	0	ANT2	DSIO	17.07	17.21	17.02	18.00
3	64QAM	8	3	ANT2	DSIO	17.13	17.17	17.04	18.00
3	64QAM	8	7	ANT2	DSIO	16.97	17.07	17.01	18.00
3	64QAM	15	0	ANT2	DSIO	17.01	17.11	17.10	18.00
3	256QAM	1	0	ANT2	DSIO	14.90	15.05	14.94	16.00
3	256QAM	1	7	ANT2	DSIO	14.79	14.94	14.85	16.00
3	256QAM	1	14	ANT2	DSIO	14.95	14.96	14.83	16.00
3	256QAM	8	0	ANT2	DSIO	15.16	15.18	15.21	16.00
3	256QAM	8	3	ANT2	DSIO	15.08	15.18	15.12	16.00
3	256QAM	8	7	ANT2	DSIO	15.04	15.20	15.00	16.00
3	256QAM	15	0	ANT2	DSIO	14.98	15.02	14.88	16.00

Band				LTE B5-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20425	20525	20625	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	20.07	20.24	20.13	21.00
5	QPSK	1	12	ANT2	DSIO	20.12	20.08	20.05	21.00
5	QPSK	1	24	ANT2	DSIO	19.95	20.13	20.07	21.00
5	QPSK	12	0	ANT2	DSIO	19.13	19.14	19.13	20.00
5	QPSK	12	6	ANT2	DSIO	19.16	19.16	19.15	20.00
5	QPSK	12	13	ANT2	DSIO	18.95	19.06	18.89	20.00
5	QPSK	25	0	ANT2	DSIO	19.04	19.06	19.08	20.00
5	16QAM	1	0	ANT2	DSIO	19.52	19.55	19.46	20.00
5	16QAM	1	12	ANT2	DSIO	19.40	19.46	19.41	20.00
5	16QAM	1	24	ANT2	DSIO	19.29	19.41	19.35	20.00
5	16QAM	12	0	ANT2	DSIO	18.00	18.13	18.18	19.00
5	16QAM	12	6	ANT2	DSIO	18.17	18.08	18.04	19.00
5	16QAM	12	13	ANT2	DSIO	18.02	18.11	17.96	19.00
5	16QAM	25	0	ANT2	DSIO	17.98	18.06	18.07	19.00
5	64QAM	1	0	ANT2	DSIO	18.16	18.20	18.26	19.00
5	64QAM	1	12	ANT2	DSIO	18.20	18.30	18.04	19.00
5	64QAM	1	24	ANT2	DSIO	18.17	18.23	18.06	19.00
5	64QAM	12	0	ANT2	DSIO	17.10	17.11	17.11	18.00
5	64QAM	12	6	ANT2	DSIO	17.05	17.25	17.07	18.00
5	64QAM	12	13	ANT2	DSIO	17.00	17.09	17.07	18.00
5	64QAM	25	0	ANT2	DSIO	16.98	17.10	17.02	18.00
5	256QAM	1	0	ANT2	DSIO	14.84	15.00	14.94	16.00
5	256QAM	1	12	ANT2	DSIO	14.82	14.99	14.93	16.00
5	256QAM	1	24	ANT2	DSIO	14.81	14.95	14.79	16.00
5	256QAM	12	0	ANT2	DSIO	15.14	15.21	15.18	16.00
5	256QAM	12	6	ANT2	DSIO	14.97	15.19	15.03	16.00
5	256QAM	12	13	ANT2	DSIO	15.07	15.21	15.05	16.00
5	256QAM	25	0	ANT2	DSIO	15.01	15.06	14.88	16.00

Band				LTE B5-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20450	20525	20600	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO	20.22	20.26	20.18	21.00
10	QPSK	1	24	ANT2	DSIO	20.17	20.21	20.18	21.00
10	QPSK	1	49	ANT2	DSIO	20.06	20.15	20.09	21.00
10	QPSK	25	0	ANT2	DSIO	19.24	19.28	19.16	20.00
10	QPSK	25	12	ANT2	DSIO	19.20	19.24	19.22	20.00
10	QPSK	25	25	ANT2	DSIO	18.97	19.12	19.03	20.00
10	QPSK	50	0	ANT2	DSIO	19.07	19.19	19.15	20.00
10	16QAM	1	0	ANT2	DSIO	19.54	19.60	19.52	20.00
10	16QAM	1	24	ANT2	DSIO	19.45	19.58	19.53	20.00
10	16QAM	1	49	ANT2	DSIO	19.40	19.48	19.36	20.00
10	16QAM	25	0	ANT2	DSIO	18.12	18.24	18.19	19.00
10	16QAM	25	12	ANT2	DSIO	18.22	18.23	18.17	19.00
10	16QAM	25	25	ANT2	DSIO	18.08	18.16	18.05	19.00
10	16QAM	50	0	ANT2	DSIO	18.07	18.18	18.12	19.00
10	64QAM	1	0	ANT2	DSIO	18.29	18.34	18.27	19.00
10	64QAM	1	24	ANT2	DSIO	18.22	18.33	18.18	19.00
10	64QAM	1	49	ANT2	DSIO	18.18	18.28	18.17	19.00
10	64QAM	25	0	ANT2	DSIO	17.15	17.25	17.15	18.00
10	64QAM	25	12	ANT2	DSIO	17.20	17.28	17.17	18.00
10	64QAM	25	25	ANT2	DSIO	17.12	17.21	17.15	18.00
10	64QAM	50	0	ANT2	DSIO	17.08	17.17	17.14	18.00
10	256QAM	1	0	ANT2	DSIO	14.99	15.12	15.03	16.00
10	256QAM	1	24	ANT2	DSIO	14.94	15.08	14.96	16.00
10	256QAM	1	49	ANT2	DSIO	14.96	15.04	14.91	16.00
10	256QAM	25	0	ANT2	DSIO	15.17	15.29	15.26	16.00
10	256QAM	25	12	ANT2	DSIO	15.11	15.23	15.16	16.00
10	256QAM	25	25	ANT2	DSIO	15.16	15.22	15.13	16.00
10	256QAM	50	0	ANT2	DSIO	15.02	15.16	15.03	16.00

Band				LTE B5-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20407	20525	20643	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSI1	16.64	16.76	16.72	17.00
1.4	QPSK	1	2	ANT2	DSI1	16.60	16.76	16.61	17.00
1.4	QPSK	1	5	ANT2	DSI1	16.68	16.60	16.68	17.00
1.4	QPSK	3	0	ANT2	DSI1	16.63	16.63	16.62	17.00
1.4	QPSK	3	1	ANT2	DSI1	16.62	16.67	16.54	17.00
1.4	QPSK	3	3	ANT2	DSI1	16.60	16.61	16.51	17.00
1.4	QPSK	6	0	ANT2	DSI1	16.60	16.70	16.54	17.00
1.4	16QAM	1	0	ANT2	DSI1	16.48	16.61	16.42	17.00
1.4	16QAM	1	2	ANT2	DSI1	16.45	16.47	16.37	17.00
1.4	16QAM	1	5	ANT2	DSI1	16.52	16.67	16.67	17.00
1.4	16QAM	3	0	ANT2	DSI1	16.59	16.61	16.60	17.00
1.4	16QAM	3	1	ANT2	DSI1	16.62	16.61	16.57	17.00
1.4	16QAM	3	3	ANT2	DSI1	16.67	16.66	16.70	17.00
1.4	16QAM	6	0	ANT2	DSI1	16.67	16.67	16.73	17.00
1.4	64QAM	1	0	ANT2	DSI1	16.54	16.64	16.57	17.00
1.4	64QAM	1	2	ANT2	DSI1	16.45	16.60	16.55	17.00
1.4	64QAM	1	5	ANT2	DSI1	16.60	16.62	16.59	17.00
1.4	64QAM	3	0	ANT2	DSI1	16.56	16.66	16.62	17.00
1.4	64QAM	3	1	ANT2	DSI1	16.46	16.53	16.45	17.00
1.4	64QAM	3	3	ANT2	DSI1	16.62	16.54	16.47	17.00
1.4	64QAM	6	0	ANT2	DSI1	16.65	16.54	16.54	17.00
1.4	256QAM	1	0	ANT2	DSI1	15.48	15.62	15.64	16.00
1.4	256QAM	1	2	ANT2	DSI1	15.41	15.67	15.60	16.00
1.4	256QAM	1	5	ANT2	DSI1	15.55	15.53	15.45	16.00
1.4	256QAM	3	0	ANT2	DSI1	15.62	15.78	15.68	16.00
1.4	256QAM	3	1	ANT2	DSI1	15.75	15.80	15.66	16.00
1.4	256QAM	3	3	ANT2	DSI1	15.69	15.80	15.81	16.00
1.4	256QAM	6	0	ANT2	DSI1	15.71	15.77	15.64	16.00

Band				LTE B5-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20415	20525	20635	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSI1	16.68	16.75	16.65	17.00
3	QPSK	1	7	ANT2	DSI1	16.69	16.75	16.61	17.00
3	QPSK	1	14	ANT2	DSI1	16.64	16.61	16.62	17.00
3	QPSK	8	0	ANT2	DSI1	16.70	16.69	16.64	17.00
3	QPSK	8	3	ANT2	DSI1	16.57	16.66	16.65	17.00
3	QPSK	8	7	ANT2	DSI1	16.58	16.65	16.55	17.00
3	QPSK	15	0	ANT2	DSI1	16.49	16.74	16.54	17.00
3	16QAM	1	0	ANT2	DSI1	16.39	16.58	16.55	17.00
3	16QAM	1	7	ANT2	DSI1	16.42	16.60	16.33	17.00
3	16QAM	1	14	ANT2	DSI1	16.55	16.64	16.67	17.00
3	16QAM	8	0	ANT2	DSI1	16.61	16.71	16.55	17.00
3	16QAM	8	3	ANT2	DSI1	16.64	16.76	16.56	17.00
3	16QAM	8	7	ANT2	DSI1	16.67	16.71	16.64	17.00
3	16QAM	15	0	ANT2	DSI1	16.66	16.70	16.67	17.00
3	64QAM	1	0	ANT2	DSI1	16.42	16.55	16.59	17.00
3	64QAM	1	7	ANT2	DSI1	16.46	16.66	16.56	17.00
3	64QAM	1	14	ANT2	DSI1	16.53	16.61	16.47	17.00
3	64QAM	8	0	ANT2	DSI1	16.63	16.68	16.58	17.00
3	64QAM	8	3	ANT2	DSI1	16.48	16.54	16.45	17.00
3	64QAM	8	7	ANT2	DSI1	16.52	16.55	16.44	17.00
3	64QAM	15	0	ANT2	DSI1	16.61	16.63	16.55	17.00
3	256QAM	1	0	ANT2	DSI1	15.53	15.59	15.61	16.00
3	256QAM	1	7	ANT2	DSI1	15.53	15.54	15.53	16.00
3	256QAM	1	14	ANT2	DSI1	15.55	15.56	15.48	16.00
3	256QAM	8	0	ANT2	DSI1	15.59	15.73	15.72	16.00
3	256QAM	8	3	ANT2	DSI1	15.61	15.76	15.79	16.00
3	256QAM	8	7	ANT2	DSI1	15.76	15.84	15.75	16.00
3	256QAM	15	0	ANT2	DSI1	15.71	15.68	15.60	16.00

Band				LTE B5-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20425	20525	20625	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	16.64	16.82	16.64	17.00
5	QPSK	1	12	ANT2	DSI1	16.72	16.75	16.50	17.00
5	QPSK	1	24	ANT2	DSI1	16.64	16.67	16.57	17.00
5	QPSK	12	0	ANT2	DSI1	16.66	16.65	16.53	17.00
5	QPSK	12	6	ANT2	DSI1	16.56	16.67	16.61	17.00
5	QPSK	12	13	ANT2	DSI1	16.67	16.63	16.56	17.00
5	QPSK	25	0	ANT2	DSI1	16.60	16.66	16.50	17.00
5	16QAM	1	0	ANT2	DSI1	16.35	16.54	16.42	17.00
5	16QAM	1	12	ANT2	DSI1	16.46	16.49	16.38	17.00
5	16QAM	1	24	ANT2	DSI1	16.46	16.66	16.65	17.00
5	16QAM	12	0	ANT2	DSI1	16.62	16.63	16.48	17.00
5	16QAM	12	6	ANT2	DSI1	16.66	16.70	16.65	17.00
5	16QAM	12	13	ANT2	DSI1	16.57	16.69	16.68	17.00
5	16QAM	25	0	ANT2	DSI1	16.65	16.75	16.60	17.00
5	64QAM	1	0	ANT2	DSI1	16.55	16.65	16.48	17.00
5	64QAM	1	12	ANT2	DSI1	16.49	16.57	16.62	17.00
5	64QAM	1	24	ANT2	DSI1	16.58	16.63	16.48	17.00
5	64QAM	12	0	ANT2	DSI1	16.64	16.74	16.53	17.00
5	64QAM	12	6	ANT2	DSI1	16.54	16.62	16.52	17.00
5	64QAM	12	13	ANT2	DSI1	16.53	16.53	16.45	17.00
5	64QAM	25	0	ANT2	DSI1	16.57	16.63	16.51	17.00
5	256QAM	1	0	ANT2	DSI1	15.52	15.69	15.67	16.00
5	256QAM	1	12	ANT2	DSI1	15.47	15.67	15.62	16.00
5	256QAM	1	24	ANT2	DSI1	15.59	15.64	15.50	16.00
5	256QAM	12	0	ANT2	DSI1	15.60	15.83	15.72	16.00
5	256QAM	12	6	ANT2	DSI1	15.63	15.82	15.79	16.00
5	256QAM	12	13	ANT2	DSI1	15.75	15.78	15.79	16.00
5	256QAM	25	0	ANT2	DSI1	15.71	15.77	15.59	16.00

Band				LTE B5-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20450	20525	20600	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1	16.77	16.84	16.73	17.00
10	QPSK	1	24	ANT2	DSI1	16.75	16.79	16.65	17.00
10	QPSK	1	49	ANT2	DSI1	16.73	16.74	16.69	17.00
10	QPSK	25	0	ANT2	DSI1	16.77	16.78	16.65	17.00
10	QPSK	25	12	ANT2	DSI1	16.63	16.75	16.67	17.00
10	QPSK	25	25	ANT2	DSI1	16.70	16.74	16.62	17.00
10	QPSK	50	0	ANT2	DSI1	16.62	16.77	16.65	17.00
10	16QAM	1	0	ANT2	DSI1	16.50	16.65	16.57	17.00
10	16QAM	1	24	ANT2	DSI1	16.57	16.61	16.46	17.00
10	16QAM	1	49	ANT2	DSI1	16.61	16.72	16.69	17.00
10	16QAM	25	0	ANT2	DSI1	16.69	16.75	16.62	17.00
10	16QAM	25	12	ANT2	DSI1	16.70	16.84	16.70	17.00
10	16QAM	25	25	ANT2	DSI1	16.68	16.77	16.76	17.00
10	16QAM	50	0	ANT2	DSI1	16.71	16.78	16.74	17.00
10	64QAM	1	0	ANT2	DSI1	16.57	16.70	16.62	17.00
10	64QAM	1	24	ANT2	DSI1	16.60	16.71	16.69	17.00
10	64QAM	1	49	ANT2	DSI1	16.67	16.71	16.60	17.00
10	64QAM	25	0	ANT2	DSI1	16.66	16.75	16.66	17.00
10	64QAM	25	12	ANT2	DSI1	16.56	16.67	16.58	17.00
10	64QAM	25	25	ANT2	DSI1	16.63	16.64	16.51	17.00
10	64QAM	50	0	ANT2	DSI1	16.66	16.69	16.64	17.00
10	256QAM	1	0	ANT2	DSI1	15.61	15.73	15.70	16.00
10	256QAM	1	24	ANT2	DSI1	15.55	15.68	15.63	16.00
10	256QAM	1	49	ANT2	DSI1	15.65	15.66	15.54	16.00
10	256QAM	25	0	ANT2	DSI1	15.74	15.88	15.82	16.00
10	256QAM	25	12	ANT2	DSI1	15.76	15.91	15.81	16.00
10	256QAM	25	25	ANT2	DSI1	15.80	15.86	15.83	16.00
10	256QAM	50	0	ANT2	DSI1	15.78	15.80	15.65	16.00

Band				LTE B7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20775	21100	21425	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSIO	22.58	22.60	22.45	24.00
5	QPSK	1	12	ANT4	DSIO	22.49	22.55	22.52	24.00
5	QPSK	1	24	ANT4	DSIO	22.41	22.45	22.40	24.00
5	QPSK	12	0	ANT4	DSIO	21.59	21.61	21.65	23.00
5	QPSK	12	6	ANT4	DSIO	21.58	21.66	21.49	23.00
5	QPSK	12	13	ANT4	DSIO	21.43	21.59	21.36	23.00
5	QPSK	25	0	ANT4	DSIO	21.39	21.55	21.42	23.00
5	16QAM	1	0	ANT4	DSIO	22.01	21.99	21.97	23.00
5	16QAM	1	12	ANT4	DSIO	21.96	22.10	22.03	23.00
5	16QAM	1	24	ANT4	DSIO	21.86	21.96	21.81	23.00
5	16QAM	12	0	ANT4	DSIO	20.47	20.57	20.49	22.00
5	16QAM	12	6	ANT4	DSIO	20.48	20.59	20.48	22.00
5	16QAM	12	13	ANT4	DSIO	20.49	20.52	20.51	22.00
5	16QAM	25	0	ANT4	DSIO	20.46	20.51	20.42	22.00
5	64QAM	1	0	ANT4	DSIO	21.02	21.14	21.10	22.00
5	64QAM	1	12	ANT4	DSIO	20.98	21.15	21.11	22.00
5	64QAM	1	24	ANT4	DSIO	21.07	21.12	21.03	22.00
5	64QAM	12	0	ANT4	DSIO	19.46	19.52	19.41	21.00
5	64QAM	12	6	ANT4	DSIO	19.44	19.52	19.47	21.00
5	64QAM	12	13	ANT4	DSIO	19.50	19.53	19.42	21.00
5	64QAM	25	0	ANT4	DSIO	19.42	19.44	19.40	21.00
5	256QAM	1	0	ANT4	DSIO	17.75	17.90	17.78	19.00
5	256QAM	1	12	ANT4	DSIO	17.85	17.88	17.81	19.00
5	256QAM	1	24	ANT4	DSIO	17.75	17.83	17.82	19.00
5	256QAM	12	0	ANT4	DSIO	17.63	17.75	17.66	19.00
5	256QAM	12	6	ANT4	DSIO	17.61	17.68	17.58	19.00
5	256QAM	12	13	ANT4	DSIO	17.62	17.78	17.68	19.00
5	256QAM	25	0	ANT4	DSIO	17.57	17.72	17.68	19.00

Band				LTE B7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20800	21100	21400	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSIO	22.52	22.62	22.44	24.00
10	QPSK	1	24	ANT4	DSIO	22.42	22.59	22.46	24.00
10	QPSK	1	49	ANT4	DSIO	22.34	22.57	22.47	24.00
10	QPSK	25	0	ANT4	DSIO	21.65	21.65	21.68	23.00
10	QPSK	25	12	ANT4	DSIO	21.64	21.54	21.51	23.00
10	QPSK	25	25	ANT4	DSIO	21.44	21.61	21.41	23.00
10	QPSK	50	0	ANT4	DSIO	21.41	21.57	21.47	23.00
10	16QAM	1	0	ANT4	DSIO	21.97	22.00	21.96	23.00
10	16QAM	1	24	ANT4	DSIO	22.00	22.00	22.00	23.00
10	16QAM	1	49	ANT4	DSIO	21.81	21.92	21.87	23.00
10	16QAM	25	0	ANT4	DSIO	20.44	20.50	20.52	22.00
10	16QAM	25	12	ANT4	DSIO	20.48	20.60	20.40	22.00
10	16QAM	25	25	ANT4	DSIO	20.47	20.57	20.63	22.00
10	16QAM	50	0	ANT4	DSIO	20.47	20.56	20.51	22.00
10	64QAM	1	0	ANT4	DSIO	21.09	21.17	21.08	22.00
10	64QAM	1	24	ANT4	DSIO	21.12	21.27	21.23	22.00
10	64QAM	1	49	ANT4	DSIO	20.98	21.16	21.07	22.00
10	64QAM	25	0	ANT4	DSIO	19.45	19.54	19.51	21.00
10	64QAM	25	12	ANT4	DSIO	19.46	19.55	19.51	21.00
10	64QAM	25	25	ANT4	DSIO	19.52	19.54	19.46	21.00
10	64QAM	50	0	ANT4	DSIO	19.33	19.45	19.45	21.00
10	256QAM	1	0	ANT4	DSIO	17.80	17.90	17.69	19.00
10	256QAM	1	24	ANT4	DSIO	17.86	17.87	17.69	19.00
10	256QAM	1	49	ANT4	DSIO	17.78	17.82	17.75	19.00
10	256QAM	25	0	ANT4	DSIO	17.60	17.75	17.55	19.00
10	256QAM	25	12	ANT4	DSIO	17.64	17.80	17.70	19.00
10	256QAM	25	25	ANT4	DSIO	17.59	17.80	17.71	19.00
10	256QAM	50	0	ANT4	DSIO	17.48	17.76	17.74	19.00

Band				LTE B7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20825	21100	21375	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSIO	22.52	22.65	22.43	24.00
15	QPSK	1	37	ANT4	DSIO	22.37	22.53	22.49	24.00
15	QPSK	1	74	ANT4	DSIO	22.33	22.49	22.42	24.00
15	QPSK	36	0	ANT4	DSIO	21.64	21.63	21.60	23.00
15	QPSK	36	19	ANT4	DSIO	21.64	21.59	21.49	23.00
15	QPSK	36	39	ANT4	DSIO	21.55	21.61	21.37	23.00
15	QPSK	75	0	ANT4	DSIO	21.42	21.51	21.42	23.00
15	16QAM	1	0	ANT4	DSIO	21.99	22.04	21.92	23.00
15	16QAM	1	37	ANT4	DSIO	21.95	22.11	22.04	23.00
15	16QAM	1	74	ANT4	DSIO	21.87	21.94	21.81	23.00
15	16QAM	36	0	ANT4	DSIO	20.48	20.51	20.52	22.00
15	16QAM	36	19	ANT4	DSIO	20.41	20.60	20.46	22.00
15	16QAM	36	39	ANT4	DSIO	20.58	20.66	20.58	22.00
15	16QAM	75	0	ANT4	DSIO	20.42	20.54	20.45	22.00
15	64QAM	1	0	ANT4	DSIO	21.13	21.13	21.08	22.00
15	64QAM	1	37	ANT4	DSIO	21.03	21.21	21.21	22.00
15	64QAM	1	74	ANT4	DSIO	21.08	21.12	21.12	22.00
15	64QAM	36	0	ANT4	DSIO	19.49	19.50	19.40	21.00
15	64QAM	36	19	ANT4	DSIO	19.44	19.63	19.59	21.00
15	64QAM	36	39	ANT4	DSIO	19.50	19.57	19.45	21.00
15	64QAM	75	0	ANT4	DSIO	19.39	19.53	19.45	21.00
15	256QAM	1	0	ANT4	DSIO	17.71	17.77	17.77	19.00
15	256QAM	1	37	ANT4	DSIO	17.85	17.89	17.70	19.00
15	256QAM	1	74	ANT4	DSIO	17.78	17.89	17.76	19.00
15	256QAM	36	0	ANT4	DSIO	17.66	17.67	17.61	19.00
15	256QAM	36	19	ANT4	DSIO	17.65	17.75	17.69	19.00
15	256QAM	36	39	ANT4	DSIO	17.66	17.81	17.66	19.00
15	256QAM	75	0	ANT4	DSIO	17.53	17.70	17.74	19.00

Band				LTE B7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20850	21100	21350	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSIO	22.62	22.67	22.56	24.00
20	QPSK	1	49	ANT4	DSIO	22.52	22.62	22.57	24.00
20	QPSK	1	99	ANT4	DSIO	22.46	22.59	22.54	24.00
20	QPSK	50	0	ANT4	DSIO	21.66	21.73	21.72	23.00
20	QPSK	50	25	ANT4	DSIO	21.65	21.69	21.63	23.00
20	QPSK	50	50	ANT4	DSIO	21.58	21.65	21.51	23.00
20	QPSK	100	0	ANT4	DSIO	21.54	21.62	21.48	23.00
20	16QAM	1	0	ANT4	DSIO	22.12	22.13	22.01	23.00
20	16QAM	1	49	ANT4	DSIO	22.02	22.12	22.07	23.00
20	16QAM	1	99	ANT4	DSIO	21.95	22.03	21.92	23.00
20	16QAM	50	0	ANT4	DSIO	20.51	20.63	20.58	22.00
20	16QAM	50	25	ANT4	DSIO	20.54	20.68	20.54	22.00
20	16QAM	50	50	ANT4	DSIO	20.60	20.67	20.66	22.00
20	16QAM	100	0	ANT4	DSIO	20.53	20.61	20.53	22.00
20	64QAM	1	0	ANT4	DSIO	21.14	21.28	21.22	22.00
20	64QAM	1	49	ANT4	DSIO	21.13	21.28	21.26	22.00
20	64QAM	1	99	ANT4	DSIO	21.12	21.21	21.16	22.00
20	64QAM	50	0	ANT4	DSIO	19.56	19.60	19.53	21.00
20	64QAM	50	25	ANT4	DSIO	19.52	19.66	19.62	21.00
20	64QAM	50	50	ANT4	DSIO	19.57	19.65	19.53	21.00
20	64QAM	100	0	ANT4	DSIO	19.48	19.57	19.52	21.00
20	256QAM	1	0	ANT4	DSIO	17.85	17.92	17.82	19.00
20	256QAM	1	49	ANT4	DSIO	17.90	17.96	17.83	19.00
20	256QAM	1	99	ANT4	DSIO	17.85	17.97	17.86	19.00
20	256QAM	50	0	ANT4	DSIO	17.70	17.79	17.70	19.00
20	256QAM	50	25	ANT4	DSIO	17.75	17.82	17.73	19.00
20	256QAM	50	50	ANT4	DSIO	17.73	17.86	17.79	19.00
20	256QAM	100	0	ANT4	DSIO	17.63	17.78	17.75	19.00

Band				LTE B7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20775	21100	21425	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSI1	14.75	14.79	14.77	16.00
5	QPSK	1	12	ANT4	DSI1	14.60	14.76	14.61	16.00
5	QPSK	1	24	ANT4	DSI1	14.59	14.77	14.72	16.00
5	QPSK	12	0	ANT4	DSI1	14.49	14.61	14.65	16.00
5	QPSK	12	6	ANT4	DSI1	14.69	14.62	14.65	16.00
5	QPSK	12	13	ANT4	DSI1	14.76	14.71	14.67	16.00
5	QPSK	25	0	ANT4	DSI1	14.63	14.80	14.71	16.00
5	16QAM	1	0	ANT4	DSI1	14.47	14.57	14.48	16.00
5	16QAM	1	12	ANT4	DSI1	14.49	14.66	14.61	16.00
5	16QAM	1	24	ANT4	DSI1	14.50	14.54	14.45	16.00
5	16QAM	12	0	ANT4	DSI1	14.59	14.58	14.52	16.00
5	16QAM	12	6	ANT4	DSI1	14.42	14.59	14.36	16.00
5	16QAM	12	13	ANT4	DSI1	14.58	14.63	14.55	16.00
5	16QAM	25	0	ANT4	DSI1	14.59	14.68	14.66	16.00
5	64QAM	1	0	ANT4	DSI1	14.41	14.43	14.47	16.00
5	64QAM	1	12	ANT4	DSI1	14.39	14.63	14.44	16.00
5	64QAM	1	24	ANT4	DSI1	14.61	14.53	14.42	16.00
5	64QAM	12	0	ANT4	DSI1	14.59	14.50	14.41	16.00
5	64QAM	12	6	ANT4	DSI1	14.52	14.60	14.57	16.00
5	64QAM	12	13	ANT4	DSI1	14.47	14.55	14.57	16.00
5	64QAM	25	0	ANT4	DSI1	14.36	14.52	14.33	16.00
5	256QAM	1	0	ANT4	DSI1	14.44	14.54	14.41	16.00
5	256QAM	1	12	ANT4	DSI1	14.41	14.56	14.42	16.00
5	256QAM	1	24	ANT4	DSI1	14.43	14.56	14.49	16.00
5	256QAM	12	0	ANT4	DSI1	14.56	14.66	14.51	16.00
5	256QAM	12	6	ANT4	DSI1	14.47	14.60	14.48	16.00
5	256QAM	12	13	ANT4	DSI1	14.42	14.59	14.53	16.00
5	256QAM	25	0	ANT4	DSI1	14.32	14.48	14.46	16.00

Band				LTE B7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20800	21100	21400	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSI1	14.65	14.74	14.68	16.00
10	QPSK	1	24	ANT4	DSI1	14.58	14.66	14.66	16.00
10	QPSK	1	49	ANT4	DSI1	14.62	14.65	14.61	16.00
10	QPSK	25	0	ANT4	DSI1	14.49	14.70	14.65	16.00
10	QPSK	25	12	ANT4	DSI1	14.58	14.72	14.66	16.00
10	QPSK	25	25	ANT4	DSI1	14.70	14.75	14.63	16.00
10	QPSK	50	0	ANT4	DSI1	14.67	14.70	14.68	16.00
10	16QAM	1	0	ANT4	DSI1	14.54	14.48	14.45	16.00
10	16QAM	1	24	ANT4	DSI1	14.49	14.66	14.54	16.00
10	16QAM	1	49	ANT4	DSI1	14.51	14.55	14.35	16.00
10	16QAM	25	0	ANT4	DSI1	14.51	14.61	14.44	16.00
10	16QAM	25	12	ANT4	DSI1	14.48	14.52	14.42	16.00
10	16QAM	25	25	ANT4	DSI1	14.50	14.52	14.48	16.00
10	16QAM	50	0	ANT4	DSI1	14.53	14.59	14.56	16.00
10	64QAM	1	0	ANT4	DSI1	14.48	14.57	14.37	16.00
10	64QAM	1	24	ANT4	DSI1	14.51	14.58	14.43	16.00
10	64QAM	1	49	ANT4	DSI1	14.52	14.59	14.56	16.00
10	64QAM	25	0	ANT4	DSI1	14.58	14.55	14.43	16.00
10	64QAM	25	12	ANT4	DSI1	14.47	14.57	14.67	16.00
10	64QAM	25	25	ANT4	DSI1	14.57	14.62	14.56	16.00
10	64QAM	50	0	ANT4	DSI1	14.42	14.46	14.31	16.00
10	256QAM	1	0	ANT4	DSI1	14.49	14.47	14.41	16.00
10	256QAM	1	24	ANT4	DSI1	14.50	14.45	14.47	16.00
10	256QAM	1	49	ANT4	DSI1	14.41	14.51	14.47	16.00
10	256QAM	25	0	ANT4	DSI1	14.60	14.64	14.53	16.00
10	256QAM	25	12	ANT4	DSI1	14.47	14.52	14.50	16.00
10	256QAM	25	25	ANT4	DSI1	14.45	14.61	14.62	16.00
10	256QAM	50	0	ANT4	DSI1	14.44	14.48	14.47	16.00

Band				LTE B7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20825	21100	21375	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSI1	14.68	14.75	14.66	16.00
15	QPSK	1	37	ANT4	DSI1	14.68	14.72	14.60	16.00
15	QPSK	1	74	ANT4	DSI1	14.68	14.77	14.65	16.00
15	QPSK	36	0	ANT4	DSI1	14.56	14.69	14.60	16.00
15	QPSK	36	19	ANT4	DSI1	14.70	14.70	14.59	16.00
15	QPSK	36	39	ANT4	DSI1	14.67	14.73	14.70	16.00
15	QPSK	75	0	ANT4	DSI1	14.68	14.82	14.76	16.00
15	16QAM	1	0	ANT4	DSI1	14.51	14.58	14.42	16.00
15	16QAM	1	37	ANT4	DSI1	14.45	14.65	14.61	16.00
15	16QAM	1	74	ANT4	DSI1	14.52	14.54	14.37	16.00
15	16QAM	36	0	ANT4	DSI1	14.46	14.56	14.54	16.00
15	16QAM	36	19	ANT4	DSI1	14.55	14.57	14.39	16.00
15	16QAM	36	39	ANT4	DSI1	14.53	14.63	14.44	16.00
15	16QAM	75	0	ANT4	DSI1	14.46	14.67	14.61	16.00
15	64QAM	1	0	ANT4	DSI1	14.48	14.43	14.37	16.00
15	64QAM	1	37	ANT4	DSI1	14.39	14.58	14.43	16.00
15	64QAM	1	74	ANT4	DSI1	14.59	14.58	14.52	16.00
15	64QAM	36	0	ANT4	DSI1	14.57	14.54	14.45	16.00
15	64QAM	36	19	ANT4	DSI1	14.49	14.62	14.55	16.00
15	64QAM	36	39	ANT4	DSI1	14.61	14.50	14.45	16.00
15	64QAM	75	0	ANT4	DSI1	14.45	14.46	14.41	16.00
15	256QAM	1	0	ANT4	DSI1	14.47	14.57	14.36	16.00
15	256QAM	1	37	ANT4	DSI1	14.48	14.59	14.45	16.00
15	256QAM	1	74	ANT4	DSI1	14.41	14.55	14.45	16.00
15	256QAM	36	0	ANT4	DSI1	14.53	14.54	14.46	16.00
15	256QAM	36	19	ANT4	DSI1	14.40	14.51	14.50	16.00
15	256QAM	36	39	ANT4	DSI1	14.47	14.59	14.52	16.00
15	256QAM	75	0	ANT4	DSI1	14.44	14.57	14.45	16.00

Band				LTE B7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20850	21100	21350	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSI1	14.80	14.87	14.79	16.00
20	QPSK	1	49	ANT4	DSI1	14.72	14.77	14.67	16.00
20	QPSK	1	99	ANT4	DSI1	14.71	14.78	14.76	16.00
20	QPSK	50	0	ANT4	DSI1	14.82	14.83	14.71	16.00
20	QPSK	50	25	ANT4	DSI1	14.73	14.77	14.67	16.00
20	QPSK	50	50	ANT4	DSI1	14.62	14.73	14.71	16.00
20	QPSK	100	0	ANT4	DSI1	14.73	14.81	14.79	16.00
20	16QAM	1	0	ANT4	DSI1	14.58	14.62	14.51	16.00
20	16QAM	1	49	ANT4	DSI1	14.56	14.69	14.65	16.00
20	16QAM	1	99	ANT4	DSI1	14.59	14.64	14.50	16.00
20	16QAM	50	0	ANT4	DSI1	14.61	14.70	14.59	16.00
20	16QAM	50	25	ANT4	DSI1	14.56	14.65	14.50	16.00
20	16QAM	50	50	ANT4	DSI1	14.61	14.67	14.59	16.00
20	16QAM	100	0	ANT4	DSI1	14.61	14.72	14.68	16.00
20	64QAM	1	0	ANT4	DSI1	14.49	14.58	14.48	16.00
20	64QAM	1	49	ANT4	DSI1	14.52	14.64	14.57	16.00
20	64QAM	1	99	ANT4	DSI1	14.63	14.66	14.57	16.00
20	64QAM	50	0	ANT4	DSI1	14.60	14.65	14.54	16.00
20	64QAM	50	25	ANT4	DSI1	14.59	14.70	14.69	16.00
20	64QAM	50	50	ANT4	DSI1	14.62	14.65	14.59	16.00
20	64QAM	100	0	ANT4	DSI1	14.46	14.58	14.43	16.00
20	256QAM	1	0	ANT4	DSI1	14.53	14.62	14.48	16.00
20	256QAM	1	49	ANT4	DSI1	14.52	14.60	14.49	16.00
20	256QAM	1	99	ANT4	DSI1	14.50	14.60	14.53	16.00
20	256QAM	50	0	ANT4	DSI1	14.67	14.68	14.56	16.00
20	256QAM	50	25	ANT4	DSI1	14.55	14.63	14.53	16.00
20	256QAM	50	50	ANT4	DSI1	14.57	14.67	14.64	16.00
20	256QAM	100	0	ANT4	DSI1	14.47	14.62	14.51	16.00

Band				LTE B7-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20775	21100	21425	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSIO	19.58	19.60	19.45	21.00
5	QPSK	1	12	ANT4	DSIO	19.49	19.55	19.52	21.00
5	QPSK	1	24	ANT4	DSIO	19.41	19.45	19.40	21.00
5	QPSK	12	0	ANT4	DSIO	18.59	18.61	18.65	20.00
5	QPSK	12	6	ANT4	DSIO	18.58	18.66	18.49	20.00
5	QPSK	12	13	ANT4	DSIO	18.43	18.59	18.36	20.00
5	QPSK	25	0	ANT4	DSIO	18.39	18.55	18.42	20.00
5	16QAM	1	0	ANT4	DSIO	19.01	18.99	18.97	20.00
5	16QAM	1	12	ANT4	DSIO	18.96	19.10	19.03	20.00
5	16QAM	1	24	ANT4	DSIO	18.86	18.96	18.81	20.00
5	16QAM	12	0	ANT4	DSIO	17.47	17.57	17.49	19.00
5	16QAM	12	6	ANT4	DSIO	17.48	17.59	17.48	19.00
5	16QAM	12	13	ANT4	DSIO	17.49	17.52	17.51	19.00
5	16QAM	25	0	ANT4	DSIO	17.46	17.51	17.42	19.00
5	64QAM	1	0	ANT4	DSIO	18.02	18.14	18.10	19.00
5	64QAM	1	12	ANT4	DSIO	17.98	18.15	18.11	19.00
5	64QAM	1	24	ANT4	DSIO	18.07	18.12	18.03	19.00
5	64QAM	12	0	ANT4	DSIO	16.46	16.52	16.41	18.00
5	64QAM	12	6	ANT4	DSIO	16.44	16.52	16.47	18.00
5	64QAM	12	13	ANT4	DSIO	16.50	16.53	16.42	18.00
5	64QAM	25	0	ANT4	DSIO	16.42	16.44	16.40	18.00
5	256QAM	1	0	ANT4	DSIO	14.75	14.90	14.78	16.00
5	256QAM	1	12	ANT4	DSIO	14.85	14.88	14.81	16.00
5	256QAM	1	24	ANT4	DSIO	14.75	14.83	14.82	16.00
5	256QAM	12	0	ANT4	DSIO	14.63	14.75	14.66	16.00
5	256QAM	12	6	ANT4	DSIO	14.61	14.68	14.58	16.00
5	256QAM	12	13	ANT4	DSIO	14.62	14.78	14.68	16.00
5	256QAM	25	0	ANT4	DSIO	14.57	14.72	14.68	16.00

Band				LTE B7-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20800	21100	21400	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSIO	19.52	19.62	19.44	21.00
10	QPSK	1	24	ANT4	DSIO	19.42	19.59	19.46	21.00
10	QPSK	1	49	ANT4	DSIO	19.34	19.57	19.47	21.00
10	QPSK	25	0	ANT4	DSIO	18.65	18.65	18.68	20.00
10	QPSK	25	12	ANT4	DSIO	18.64	18.54	18.51	20.00
10	QPSK	25	25	ANT4	DSIO	18.44	18.61	18.41	20.00
10	QPSK	50	0	ANT4	DSIO	18.41	18.57	18.47	20.00
10	16QAM	1	0	ANT4	DSIO	18.97	19.00	18.96	20.00
10	16QAM	1	24	ANT4	DSIO	19.00	19.00	19.00	20.00
10	16QAM	1	49	ANT4	DSIO	18.81	18.92	18.87	20.00
10	16QAM	25	0	ANT4	DSIO	17.44	17.50	17.52	19.00
10	16QAM	25	12	ANT4	DSIO	17.48	17.60	17.40	19.00
10	16QAM	25	25	ANT4	DSIO	17.47	17.57	17.63	19.00
10	16QAM	50	0	ANT4	DSIO	17.47	17.56	17.51	19.00
10	64QAM	1	0	ANT4	DSIO	18.09	18.17	18.08	19.00
10	64QAM	1	24	ANT4	DSIO	18.12	18.27	18.23	19.00
10	64QAM	1	49	ANT4	DSIO	17.98	18.16	18.07	19.00
10	64QAM	25	0	ANT4	DSIO	16.45	16.54	16.51	18.00
10	64QAM	25	12	ANT4	DSIO	16.46	16.55	16.51	18.00
10	64QAM	25	25	ANT4	DSIO	16.52	16.54	16.46	18.00
10	64QAM	50	0	ANT4	DSIO	16.33	16.45	16.45	18.00
10	256QAM	1	0	ANT4	DSIO	14.80	14.90	14.69	16.00
10	256QAM	1	24	ANT4	DSIO	14.86	14.87	14.69	16.00
10	256QAM	1	49	ANT4	DSIO	14.78	14.82	14.75	16.00
10	256QAM	25	0	ANT4	DSIO	14.60	14.75	14.55	16.00
10	256QAM	25	12	ANT4	DSIO	14.64	14.80	14.70	16.00
10	256QAM	25	25	ANT4	DSIO	14.59	14.80	14.71	16.00
10	256QAM	50	0	ANT4	DSIO	14.48	14.76	14.74	16.00

Band				LTE B7-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20825	21100	21375	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSIO	19.52	19.65	19.43	21.00
15	QPSK	1	37	ANT4	DSIO	19.37	19.53	19.49	21.00
15	QPSK	1	74	ANT4	DSIO	19.33	19.49	19.42	21.00
15	QPSK	36	0	ANT4	DSIO	18.64	18.63	18.60	20.00
15	QPSK	36	19	ANT4	DSIO	18.64	18.59	18.49	20.00
15	QPSK	36	39	ANT4	DSIO	18.55	18.61	18.37	20.00
15	QPSK	75	0	ANT4	DSIO	18.42	18.51	18.42	20.00
15	16QAM	1	0	ANT4	DSIO	18.99	19.04	18.92	20.00
15	16QAM	1	37	ANT4	DSIO	18.95	19.11	19.04	20.00
15	16QAM	1	74	ANT4	DSIO	18.87	18.94	18.81	20.00
15	16QAM	36	0	ANT4	DSIO	17.48	17.51	17.52	19.00
15	16QAM	36	19	ANT4	DSIO	17.41	17.60	17.46	19.00
15	16QAM	36	39	ANT4	DSIO	17.58	17.66	17.58	19.00
15	16QAM	75	0	ANT4	DSIO	17.42	17.54	17.45	19.00
15	64QAM	1	0	ANT4	DSIO	18.13	18.13	18.08	19.00
15	64QAM	1	37	ANT4	DSIO	18.03	18.21	18.21	19.00
15	64QAM	1	74	ANT4	DSIO	18.08	18.12	18.12	19.00
15	64QAM	36	0	ANT4	DSIO	16.49	16.50	16.40	18.00
15	64QAM	36	19	ANT4	DSIO	16.44	16.63	16.59	18.00
15	64QAM	36	39	ANT4	DSIO	16.50	16.57	16.45	18.00
15	64QAM	75	0	ANT4	DSIO	16.39	16.53	16.45	18.00
15	256QAM	1	0	ANT4	DSIO	14.71	14.77	14.77	16.00
15	256QAM	1	37	ANT4	DSIO	14.85	14.89	14.70	16.00
15	256QAM	1	74	ANT4	DSIO	14.78	14.89	14.76	16.00
15	256QAM	36	0	ANT4	DSIO	14.66	14.67	14.61	16.00
15	256QAM	36	19	ANT4	DSIO	14.65	14.75	14.69	16.00
15	256QAM	36	39	ANT4	DSIO	14.66	14.81	14.66	16.00
15	256QAM	75	0	ANT4	DSIO	14.53	14.70	14.74	16.00

Band				LTE B7-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20850	21100	21350	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSIO	19.62	19.67	19.56	21.00
20	QPSK	1	49	ANT4	DSIO	19.52	19.62	19.57	21.00
20	QPSK	1	99	ANT4	DSIO	19.46	19.59	19.54	21.00
20	QPSK	50	0	ANT4	DSIO	18.66	18.73	18.72	20.00
20	QPSK	50	25	ANT4	DSIO	18.65	18.69	18.63	20.00
20	QPSK	50	50	ANT4	DSIO	18.58	18.65	18.51	20.00
20	QPSK	100	0	ANT4	DSIO	18.54	18.62	18.48	20.00
20	16QAM	1	0	ANT4	DSIO	19.12	19.13	19.01	20.00
20	16QAM	1	49	ANT4	DSIO	19.02	19.12	19.07	20.00
20	16QAM	1	99	ANT4	DSIO	18.95	19.03	18.92	20.00
20	16QAM	50	0	ANT4	DSIO	17.51	17.63	17.58	19.00
20	16QAM	50	25	ANT4	DSIO	17.54	17.68	17.54	19.00
20	16QAM	50	50	ANT4	DSIO	17.60	17.67	17.66	19.00
20	16QAM	100	0	ANT4	DSIO	17.53	17.61	17.53	19.00
20	64QAM	1	0	ANT4	DSIO	18.14	18.28	18.22	19.00
20	64QAM	1	49	ANT4	DSIO	18.13	18.28	18.26	19.00
20	64QAM	1	99	ANT4	DSIO	18.12	18.21	18.16	19.00
20	64QAM	50	0	ANT4	DSIO	16.56	16.60	16.53	18.00
20	64QAM	50	25	ANT4	DSIO	16.52	16.66	16.62	18.00
20	64QAM	50	50	ANT4	DSIO	16.57	16.65	16.53	18.00
20	64QAM	100	0	ANT4	DSIO	16.48	16.57	16.52	18.00
20	256QAM	1	0	ANT4	DSIO	14.85	14.92	14.82	16.00
20	256QAM	1	49	ANT4	DSIO	14.90	14.96	14.83	16.00
20	256QAM	1	99	ANT4	DSIO	14.85	14.97	14.86	16.00
20	256QAM	50	0	ANT4	DSIO	14.70	14.79	14.70	16.00
20	256QAM	50	25	ANT4	DSIO	14.75	14.82	14.73	16.00
20	256QAM	50	50	ANT4	DSIO	14.73	14.86	14.79	16.00
20	256QAM	100	0	ANT4	DSIO	14.63	14.78	14.75	16.00

Band				LTE B7-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20775	21100	21425	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSI1	11.75	11.79	11.77	13.00
5	QPSK	1	12	ANT4	DSI1	11.60	11.76	11.61	13.00
5	QPSK	1	24	ANT4	DSI1	11.59	11.77	11.72	13.00
5	QPSK	12	0	ANT4	DSI1	11.49	11.61	11.65	13.00
5	QPSK	12	6	ANT4	DSI1	11.69	11.62	11.65	13.00
5	QPSK	12	13	ANT4	DSI1	11.76	11.71	11.67	13.00
5	QPSK	25	0	ANT4	DSI1	11.63	11.80	11.71	13.00
5	16QAM	1	0	ANT4	DSI1	11.47	11.57	11.48	13.00
5	16QAM	1	12	ANT4	DSI1	11.49	11.66	11.61	13.00
5	16QAM	1	24	ANT4	DSI1	11.50	11.54	11.45	13.00
5	16QAM	12	0	ANT4	DSI1	11.59	11.58	11.52	13.00
5	16QAM	12	6	ANT4	DSI1	11.42	11.59	11.36	13.00
5	16QAM	12	13	ANT4	DSI1	11.58	11.63	11.55	13.00
5	16QAM	25	0	ANT4	DSI1	11.59	11.68	11.66	13.00
5	64QAM	1	0	ANT4	DSI1	11.41	11.43	11.47	13.00
5	64QAM	1	12	ANT4	DSI1	11.39	11.63	11.44	13.00
5	64QAM	1	24	ANT4	DSI1	11.61	11.53	11.42	13.00
5	64QAM	12	0	ANT4	DSI1	11.59	11.50	11.41	13.00
5	64QAM	12	6	ANT4	DSI1	11.52	11.60	11.57	13.00
5	64QAM	12	13	ANT4	DSI1	11.47	11.55	11.57	13.00
5	64QAM	25	0	ANT4	DSI1	11.36	11.52	11.33	13.00
5	256QAM	1	0	ANT4	DSI1	11.44	11.54	11.41	13.00
5	256QAM	1	12	ANT4	DSI1	11.41	11.56	11.42	13.00
5	256QAM	1	24	ANT4	DSI1	11.43	11.56	11.49	13.00
5	256QAM	12	0	ANT4	DSI1	11.56	11.66	11.51	13.00
5	256QAM	12	6	ANT4	DSI1	11.47	11.60	11.48	13.00
5	256QAM	12	13	ANT4	DSI1	11.42	11.59	11.53	13.00
5	256QAM	25	0	ANT4	DSI1	11.32	11.48	11.46	13.00

Band				LTE B7-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20800	21100	21400	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSI1	11.65	11.74	11.68	13.00
10	QPSK	1	24	ANT4	DSI1	11.58	11.66	11.66	13.00
10	QPSK	1	49	ANT4	DSI1	11.62	11.65	11.61	13.00
10	QPSK	25	0	ANT4	DSI1	11.49	11.70	11.65	13.00
10	QPSK	25	12	ANT4	DSI1	11.58	11.72	11.66	13.00
10	QPSK	25	25	ANT4	DSI1	11.70	11.75	11.63	13.00
10	QPSK	50	0	ANT4	DSI1	11.67	11.70	11.68	13.00
10	16QAM	1	0	ANT4	DSI1	11.54	11.48	11.45	13.00
10	16QAM	1	24	ANT4	DSI1	11.49	11.66	11.54	13.00
10	16QAM	1	49	ANT4	DSI1	11.51	11.55	11.35	13.00
10	16QAM	25	0	ANT4	DSI1	11.51	11.61	11.44	13.00
10	16QAM	25	12	ANT4	DSI1	11.48	11.52	11.42	13.00
10	16QAM	25	25	ANT4	DSI1	11.50	11.52	11.48	13.00
10	16QAM	50	0	ANT4	DSI1	11.53	11.59	11.56	13.00
10	64QAM	1	0	ANT4	DSI1	11.48	11.57	11.37	13.00
10	64QAM	1	24	ANT4	DSI1	11.51	11.58	11.43	13.00
10	64QAM	1	49	ANT4	DSI1	11.52	11.59	11.56	13.00
10	64QAM	25	0	ANT4	DSI1	11.58	11.55	11.43	13.00
10	64QAM	25	12	ANT4	DSI1	11.47	11.57	11.67	13.00
10	64QAM	25	25	ANT4	DSI1	11.57	11.62	11.56	13.00
10	64QAM	50	0	ANT4	DSI1	11.42	11.46	11.31	13.00
10	256QAM	1	0	ANT4	DSI1	11.49	11.47	11.41	13.00
10	256QAM	1	24	ANT4	DSI1	11.50	11.45	11.47	13.00
10	256QAM	1	49	ANT4	DSI1	11.41	11.51	11.47	13.00
10	256QAM	25	0	ANT4	DSI1	11.60	11.64	11.53	13.00
10	256QAM	25	12	ANT4	DSI1	11.47	11.52	11.50	13.00
10	256QAM	25	25	ANT4	DSI1	11.45	11.61	11.62	13.00
10	256QAM	50	0	ANT4	DSI1	11.44	11.48	11.47	13.00

Band				LTE B7-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20825	21100	21375	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSI1	11.68	11.75	11.66	13.00
15	QPSK	1	37	ANT4	DSI1	11.68	11.72	11.60	13.00
15	QPSK	1	74	ANT4	DSI1	11.68	11.77	11.65	13.00
15	QPSK	36	0	ANT4	DSI1	11.56	11.69	11.60	13.00
15	QPSK	36	19	ANT4	DSI1	11.70	11.70	11.59	13.00
15	QPSK	36	39	ANT4	DSI1	11.67	11.73	11.70	13.00
15	QPSK	75	0	ANT4	DSI1	11.68	11.82	11.76	13.00
15	16QAM	1	0	ANT4	DSI1	11.51	11.58	11.42	13.00
15	16QAM	1	37	ANT4	DSI1	11.45	11.65	11.61	13.00
15	16QAM	1	74	ANT4	DSI1	11.52	11.54	11.37	13.00
15	16QAM	36	0	ANT4	DSI1	11.46	11.56	11.54	13.00
15	16QAM	36	19	ANT4	DSI1	11.55	11.57	11.39	13.00
15	16QAM	36	39	ANT4	DSI1	11.53	11.63	11.44	13.00
15	16QAM	75	0	ANT4	DSI1	11.46	11.67	11.61	13.00
15	64QAM	1	0	ANT4	DSI1	11.48	11.43	11.37	13.00
15	64QAM	1	37	ANT4	DSI1	11.39	11.58	11.43	13.00
15	64QAM	1	74	ANT4	DSI1	11.59	11.58	11.52	13.00
15	64QAM	36	0	ANT4	DSI1	11.57	11.54	11.45	13.00
15	64QAM	36	19	ANT4	DSI1	11.49	11.62	11.55	13.00
15	64QAM	36	39	ANT4	DSI1	11.61	11.50	11.45	13.00
15	64QAM	75	0	ANT4	DSI1	11.45	11.46	11.41	13.00
15	256QAM	1	0	ANT4	DSI1	11.47	11.57	11.36	13.00
15	256QAM	1	37	ANT4	DSI1	11.48	11.59	11.45	13.00
15	256QAM	1	74	ANT4	DSI1	11.41	11.55	11.45	13.00
15	256QAM	36	0	ANT4	DSI1	11.53	11.54	11.46	13.00
15	256QAM	36	19	ANT4	DSI1	11.40	11.51	11.50	13.00
15	256QAM	36	39	ANT4	DSI1	11.47	11.59	11.52	13.00
15	256QAM	75	0	ANT4	DSI1	11.44	11.57	11.45	13.00

Band				LTE B7-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20850	21100	21350	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSI1	11.80	11.87	11.79	13.00
20	QPSK	1	49	ANT4	DSI1	11.72	11.77	11.67	13.00
20	QPSK	1	99	ANT4	DSI1	11.71	11.78	11.76	13.00
20	QPSK	50	0	ANT4	DSI1	11.62	11.73	11.71	13.00
20	QPSK	50	25	ANT4	DSI1	11.73	11.77	11.67	13.00
20	QPSK	50	50	ANT4	DSI1	11.82	11.83	11.71	13.00
20	QPSK	100	0	ANT4	DSI1	11.73	11.83	11.79	13.00
20	16QAM	1	0	ANT4	DSI1	11.58	11.62	11.51	13.00
20	16QAM	1	49	ANT4	DSI1	11.56	11.69	11.65	13.00
20	16QAM	1	99	ANT4	DSI1	11.59	11.64	11.50	13.00
20	16QAM	50	0	ANT4	DSI1	11.61	11.70	11.59	13.00
20	16QAM	50	25	ANT4	DSI1	11.56	11.65	11.50	13.00
20	16QAM	50	50	ANT4	DSI1	11.61	11.67	11.59	13.00
20	16QAM	100	0	ANT4	DSI1	11.61	11.72	11.68	13.00
20	64QAM	1	0	ANT4	DSI1	11.49	11.58	11.48	13.00
20	64QAM	1	49	ANT4	DSI1	11.52	11.64	11.57	13.00
20	64QAM	1	99	ANT4	DSI1	11.63	11.66	11.57	13.00
20	64QAM	50	0	ANT4	DSI1	11.60	11.65	11.54	13.00
20	64QAM	50	25	ANT4	DSI1	11.59	11.70	11.69	13.00
20	64QAM	50	50	ANT4	DSI1	11.62	11.65	11.59	13.00
20	64QAM	100	0	ANT4	DSI1	11.46	11.58	11.43	13.00
20	256QAM	1	0	ANT4	DSI1	11.53	11.62	11.48	13.00
20	256QAM	1	49	ANT4	DSI1	11.52	11.60	11.49	13.00
20	256QAM	1	99	ANT4	DSI1	11.50	11.60	11.53	13.00
20	256QAM	50	0	ANT4	DSI1	11.67	11.68	11.56	13.00
20	256QAM	50	25	ANT4	DSI1	11.55	11.63	11.53	13.00
20	256QAM	50	50	ANT4	DSI1	11.57	11.67	11.64	13.00
20	256QAM	100	0	ANT4	DSI1	11.47	11.62	11.51	13.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23017	23095	23173	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSIO	23.12	23.26	23.22	24.00
1.4	QPSK	1	2	ANT2	DSIO	23.07	23.12	23.08	24.00
1.4	QPSK	1	5	ANT2	DSIO	23.14	23.18	23.10	24.00
1.4	QPSK	3	0	ANT2	DSIO	22.14	22.19	22.09	24.00
1.4	QPSK	3	1	ANT2	DSIO	22.09	22.15	22.15	24.00
1.4	QPSK	3	3	ANT2	DSIO	22.09	22.21	22.10	24.00
1.4	QPSK	6	0	ANT2	DSIO	22.16	22.19	22.10	23.00
1.4	16QAM	1	0	ANT2	DSIO	22.48	22.59	22.50	23.00
1.4	16QAM	1	2	ANT2	DSIO	22.52	22.62	22.39	23.00
1.4	16QAM	1	5	ANT2	DSIO	22.49	22.59	22.47	23.00
1.4	16QAM	3	0	ANT2	DSIO	21.21	21.19	21.16	23.00
1.4	16QAM	3	1	ANT2	DSIO	21.26	21.20	21.19	23.00
1.4	16QAM	3	3	ANT2	DSIO	21.10	21.24	21.20	23.00
1.4	16QAM	6	0	ANT2	DSIO	21.11	21.31	21.05	22.00
1.4	64QAM	1	0	ANT2	DSIO	21.20	21.22	21.18	22.00
1.4	64QAM	1	2	ANT2	DSIO	21.24	21.29	21.21	22.00
1.4	64QAM	1	5	ANT2	DSIO	21.27	21.35	21.28	22.00
1.4	64QAM	3	0	ANT2	DSIO	20.20	20.37	20.16	22.00
1.4	64QAM	3	1	ANT2	DSIO	20.40	20.34	20.36	22.00
1.4	64QAM	3	3	ANT2	DSIO	20.33	20.38	20.27	22.00
1.4	64QAM	6	0	ANT2	DSIO	20.25	20.29	20.25	21.00
1.4	256QAM	1	0	ANT2	DSIO	18.01	18.09	18.05	19.00
1.4	256QAM	1	2	ANT2	DSIO	18.05	18.15	17.99	19.00
1.4	256QAM	1	5	ANT2	DSIO	18.08	18.15	18.11	19.00
1.4	256QAM	3	0	ANT2	DSIO	18.19	18.31	18.19	19.00
1.4	256QAM	3	1	ANT2	DSIO	18.26	18.21	18.04	19.00
1.4	256QAM	3	3	ANT2	DSIO	18.24	18.22	18.30	19.00
1.4	256QAM	6	0	ANT2	DSIO	18.21	18.19	18.09	19.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23025	23095	23165	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSIO	23.08	23.27	23.17	24.00
3	QPSK	1	7	ANT2	DSIO	23.05	23.20	23.20	24.00
3	QPSK	1	14	ANT2	DSIO	23.06	23.09	23.06	24.00
3	QPSK	8	0	ANT2	DSIO	22.12	22.31	22.10	23.00
3	QPSK	8	3	ANT2	DSIO	22.20	22.14	22.07	23.00
3	QPSK	8	7	ANT2	DSIO	22.03	22.13	22.02	23.00
3	QPSK	15	0	ANT2	DSIO	22.15	22.25	22.08	23.00
3	16QAM	1	0	ANT2	DSIO	22.43	22.51	22.44	23.00
3	16QAM	1	7	ANT2	DSIO	22.42	22.56	22.46	23.00
3	16QAM	1	14	ANT2	DSIO	22.52	22.60	22.57	23.00
3	16QAM	8	0	ANT2	DSIO	21.15	21.30	21.09	22.00
3	16QAM	8	3	ANT2	DSIO	21.17	21.23	21.18	22.00
3	16QAM	8	7	ANT2	DSIO	21.04	21.25	21.25	22.00
3	16QAM	15	0	ANT2	DSIO	21.12	21.21	21.05	22.00
3	64QAM	1	0	ANT2	DSIO	21.16	21.21	21.22	22.00
3	64QAM	1	7	ANT2	DSIO	21.38	21.34	21.21	22.00
3	64QAM	1	14	ANT2	DSIO	21.26	21.29	21.24	22.00
3	64QAM	8	0	ANT2	DSIO	20.19	20.33	20.15	21.00
3	64QAM	8	3	ANT2	DSIO	20.41	20.34	20.33	21.00
3	64QAM	8	7	ANT2	DSIO	20.27	20.41	20.19	21.00
3	64QAM	15	0	ANT2	DSIO	20.25	20.31	20.23	21.00
3	256QAM	1	0	ANT2	DSIO	18.08	18.07	18.04	19.00
3	256QAM	1	7	ANT2	DSIO	18.06	18.11	18.06	19.00
3	256QAM	1	14	ANT2	DSIO	18.05	18.12	18.05	19.00
3	256QAM	8	0	ANT2	DSIO	18.25	18.23	18.19	19.00
3	256QAM	8	3	ANT2	DSIO	18.22	18.25	18.05	19.00
3	256QAM	8	7	ANT2	DSIO	18.22	18.28	18.31	19.00
3	256QAM	15	0	ANT2	DSIO	18.26	18.28	18.08	19.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23035	23095	23155	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	23.14	23.22	23.16	24.00
5	QPSK	1	12	ANT2	DSIO	23.18	23.21	23.08	24.00
5	QPSK	1	24	ANT2	DSIO	23.07	23.17	23.02	24.00
5	QPSK	12	0	ANT2	DSIO	22.15	22.19	22.08	23.00
5	QPSK	12	6	ANT2	DSIO	22.14	22.21	22.12	23.00
5	QPSK	12	13	ANT2	DSIO	22.01	22.18	21.99	23.00
5	QPSK	25	0	ANT2	DSIO	22.04	22.19	22.11	23.00
5	16QAM	1	0	ANT2	DSIO	22.44	22.51	22.55	23.00
5	16QAM	1	12	ANT2	DSIO	22.41	22.62	22.36	23.00
5	16QAM	1	24	ANT2	DSIO	22.51	22.59	22.46	23.00
5	16QAM	12	0	ANT2	DSIO	21.27	21.21	21.09	22.00
5	16QAM	12	6	ANT2	DSIO	21.26	21.26	21.20	22.00
5	16QAM	12	13	ANT2	DSIO	21.17	21.26	21.24	22.00
5	16QAM	25	0	ANT2	DSIO	21.07	21.20	21.05	22.00
5	64QAM	1	0	ANT2	DSIO	21.10	21.27	21.12	22.00
5	64QAM	1	12	ANT2	DSIO	21.27	21.37	21.22	22.00
5	64QAM	1	24	ANT2	DSIO	21.23	21.32	21.21	22.00
5	64QAM	12	0	ANT2	DSIO	20.28	20.40	20.21	21.00
5	64QAM	12	6	ANT2	DSIO	20.33	20.41	20.30	21.00
5	64QAM	12	13	ANT2	DSIO	20.27	20.44	20.31	21.00
5	64QAM	25	0	ANT2	DSIO	20.24	20.22	20.21	21.00
5	256QAM	1	0	ANT2	DSIO	17.99	18.14	17.96	19.00
5	256QAM	1	12	ANT2	DSIO	18.07	18.06	18.05	19.00
5	256QAM	1	24	ANT2	DSIO	18.02	18.10	17.98	19.00
5	256QAM	12	0	ANT2	DSIO	18.24	18.31	18.16	19.00
5	256QAM	12	6	ANT2	DSIO	18.20	18.20	18.13	19.00
5	256QAM	12	13	ANT2	DSIO	18.16	18.29	18.24	19.00
5	256QAM	25	0	ANT2	DSIO	18.15	18.25	18.08	19.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23060	23095	23130	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO	23.19	23.28	23.25	24.00
10	QPSK	1	24	ANT2	DSIO	23.19	23.24	23.23	24.00
10	QPSK	1	49	ANT2	DSIO	23.18	23.19	23.17	24.00
10	QPSK	25	0	ANT2	DSIO	22.19	22.32	22.19	23.00
10	QPSK	25	12	ANT2	DSIO	22.24	22.27	22.20	23.00
10	QPSK	25	25	ANT2	DSIO	22.15	22.22	22.14	23.00
10	QPSK	50	0	ANT2	DSIO	22.18	22.30	22.22	23.00
10	16QAM	1	0	ANT2	DSIO	22.49	22.60	22.59	23.00
10	16QAM	1	24	ANT2	DSIO	22.55	22.64	22.49	23.00
10	16QAM	1	49	ANT2	DSIO	22.63	22.67	22.60	23.00
10	16QAM	25	0	ANT2	DSIO	21.29	21.32	21.18	22.00
10	16QAM	25	12	ANT2	DSIO	21.32	21.33	21.21	22.00
10	16QAM	25	25	ANT2	DSIO	21.18	21.30	21.26	22.00
10	16QAM	50	0	ANT2	DSIO	21.17	21.32	21.18	22.00
10	64QAM	1	0	ANT2	DSIO	21.22	21.36	21.27	22.00
10	64QAM	1	24	ANT2	DSIO	21.39	21.40	21.34	22.00
10	64QAM	1	49	ANT2	DSIO	21.28	21.43	21.32	22.00
10	64QAM	25	0	ANT2	DSIO	20.31	20.43	20.30	21.00
10	64QAM	25	12	ANT2	DSIO	20.42	20.45	20.43	21.00
10	64QAM	25	25	ANT2	DSIO	20.39	20.46	20.34	21.00
10	64QAM	50	0	ANT2	DSIO	20.34	20.37	20.28	21.00
10	256QAM	1	0	ANT2	DSIO	18.14	18.15	18.08	19.00
10	256QAM	1	24	ANT2	DSIO	18.14	18.18	18.09	19.00
10	256QAM	1	49	ANT2	DSIO	18.09	18.18	18.13	19.00
10	256QAM	25	0	ANT2	DSIO	18.28	18.37	18.22	19.00
10	256QAM	25	12	ANT2	DSIO	18.31	18.33	18.18	19.00
10	256QAM	25	25	ANT2	DSIO	18.28	18.37	18.32	19.00
10	256QAM	50	0	ANT2	DSIO	18.28	18.34	18.21	19.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23017	23095	23173	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSI1	20.63	20.81	20.63	21.00
1.4	QPSK	1	2	ANT2	DSI1	20.54	20.64	20.73	21.00
1.4	QPSK	1	5	ANT2	DSI1	20.59	20.58	20.59	21.00
1.4	QPSK	3	0	ANT2	DSI1	20.70	20.66	20.56	21.00
1.4	QPSK	3	1	ANT2	DSI1	20.70	20.68	20.64	21.00
1.4	QPSK	3	3	ANT2	DSI1	20.52	20.61	20.56	21.00
1.4	QPSK	6	0	ANT2	DSI1	20.66	20.62	20.73	21.00
1.4	16QAM	1	0	ANT2	DSI1	20.51	20.66	20.55	21.00
1.4	16QAM	1	2	ANT2	DSI1	20.57	20.60	20.62	21.00
1.4	16QAM	1	5	ANT2	DSI1	20.42	20.62	20.49	21.00
1.4	16QAM	3	0	ANT2	DSI1	20.51	20.72	20.64	21.00
1.4	16QAM	3	1	ANT2	DSI1	20.65	20.78	20.65	21.00
1.4	16QAM	3	3	ANT2	DSI1	20.60	20.71	20.67	21.00
1.4	16QAM	6	0	ANT2	DSI1	20.58	20.64	20.64	21.00
1.4	64QAM	1	0	ANT2	DSI1	20.53	20.49	20.54	21.00
1.4	64QAM	1	2	ANT2	DSI1	20.49	20.58	20.35	21.00
1.4	64QAM	1	5	ANT2	DSI1	20.35	20.42	20.34	21.00
1.4	64QAM	3	0	ANT2	DSI1	20.49	20.56	20.50	21.00
1.4	64QAM	3	1	ANT2	DSI1	20.53	20.52	20.63	21.00
1.4	64QAM	3	3	ANT2	DSI1	20.44	20.60	20.54	21.00
1.4	64QAM	6	0	ANT2	DSI1	20.63	20.73	20.70	21.00
1.4	256QAM	1	0	ANT2	DSI1	18.29	18.43	18.39	19.00
1.4	256QAM	1	2	ANT2	DSI1	18.37	18.52	18.39	19.00
1.4	256QAM	1	5	ANT2	DSI1	18.25	18.47	18.41	19.00
1.4	256QAM	3	0	ANT2	DSI1	18.61	18.77	18.67	19.00
1.4	256QAM	3	1	ANT2	DSI1	18.53	18.62	18.62	19.00
1.4	256QAM	3	3	ANT2	DSI1	18.68	18.69	18.60	19.00
1.4	256QAM	6	0	ANT2	DSI1	18.61	18.68	18.47	19.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23025	23095	23165	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSI1	20.63	20.81	20.62	21.00
3	QPSK	1	7	ANT2	DSI1	20.67	20.72	20.68	21.00
3	QPSK	1	14	ANT2	DSI1	20.55	20.71	20.50	21.00
3	QPSK	8	0	ANT2	DSI1	20.69	20.72	20.58	21.00
3	QPSK	8	3	ANT2	DSI1	20.69	20.72	20.69	21.00
3	QPSK	8	7	ANT2	DSI1	20.50	20.67	20.60	21.00
3	QPSK	15	0	ANT2	DSI1	20.59	20.75	20.67	21.00
3	16QAM	1	0	ANT2	DSI1	20.58	20.68	20.53	21.00
3	16QAM	1	7	ANT2	DSI1	20.47	20.71	20.48	21.00
3	16QAM	1	14	ANT2	DSI1	20.40	20.50	20.51	21.00
3	16QAM	8	0	ANT2	DSI1	20.59	20.69	20.59	21.00
3	16QAM	8	3	ANT2	DSI1	20.65	20.81	20.65	21.00
3	16QAM	8	7	ANT2	DSI1	20.70	20.74	20.73	21.00
3	16QAM	15	0	ANT2	DSI1	20.63	20.67	20.59	21.00
3	64QAM	1	0	ANT2	DSI1	20.43	20.57	20.45	21.00
3	64QAM	1	7	ANT2	DSI1	20.49	20.52	20.49	21.00
3	64QAM	1	14	ANT2	DSI1	20.36	20.44	20.40	21.00
3	64QAM	8	0	ANT2	DSI1	20.45	20.58	20.57	21.00
3	64QAM	8	3	ANT2	DSI1	20.55	20.58	20.51	21.00
3	64QAM	8	7	ANT2	DSI1	20.39	20.54	20.41	21.00
3	64QAM	15	0	ANT2	DSI1	20.65	20.71	20.70	21.00
3	256QAM	1	0	ANT2	DSI1	18.28	18.54	18.33	19.00
3	256QAM	1	7	ANT2	DSI1	18.37	18.54	18.42	19.00
3	256QAM	1	14	ANT2	DSI1	18.23	18.37	18.37	19.00
3	256QAM	8	0	ANT2	DSI1	18.58	18.66	18.61	19.00
3	256QAM	8	3	ANT2	DSI1	18.55	18.69	18.64	19.00
3	256QAM	8	7	ANT2	DSI1	18.65	18.63	18.60	19.00
3	256QAM	15	0	ANT2	DSI1	18.59	18.55	18.60	19.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23035	23095	23155	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	20.55	20.77	20.56	21.00
5	QPSK	1	12	ANT2	DSI1	20.65	20.68	20.66	21.00
5	QPSK	1	24	ANT2	DSI1	20.53	20.64	20.63	21.00
5	QPSK	12	0	ANT2	DSI1	20.64	20.73	20.62	21.00
5	QPSK	12	6	ANT2	DSI1	20.70	20.70	20.69	21.00
5	QPSK	12	13	ANT2	DSI1	20.53	20.66	20.49	21.00
5	QPSK	25	0	ANT2	DSI1	20.66	20.75	20.68	21.00
5	16QAM	1	0	ANT2	DSI1	20.61	20.68	20.53	21.00
5	16QAM	1	12	ANT2	DSI1	20.53	20.61	20.54	21.00
5	16QAM	1	24	ANT2	DSI1	20.38	20.58	20.46	21.00
5	16QAM	12	0	ANT2	DSI1	20.53	20.74	20.61	21.00
5	16QAM	12	6	ANT2	DSI1	20.74	20.69	20.68	21.00
5	16QAM	12	13	ANT2	DSI1	20.70	20.66	20.69	21.00
5	16QAM	25	0	ANT2	DSI1	20.52	20.64	20.64	21.00
5	64QAM	1	0	ANT2	DSI1	20.41	20.55	20.53	21.00
5	64QAM	1	12	ANT2	DSI1	20.44	20.57	20.45	21.00
5	64QAM	1	24	ANT2	DSI1	20.35	20.52	20.35	21.00
5	64QAM	12	0	ANT2	DSI1	20.51	20.64	20.57	21.00
5	64QAM	12	6	ANT2	DSI1	20.58	20.58	20.63	21.00
5	64QAM	12	13	ANT2	DSI1	20.49	20.61	20.43	21.00
5	64QAM	25	0	ANT2	DSI1	20.71	20.74	20.64	21.00
5	256QAM	1	0	ANT2	DSI1	18.37	18.41	18.40	19.00
5	256QAM	1	12	ANT2	DSI1	18.41	18.47	18.39	19.00
5	256QAM	1	24	ANT2	DSI1	18.33	18.44	18.41	19.00
5	256QAM	12	0	ANT2	DSI1	18.57	18.71	18.68	19.00
5	256QAM	12	6	ANT2	DSI1	18.57	18.72	18.71	19.00
5	256QAM	12	13	ANT2	DSI1	18.63	18.75	18.68	19.00
5	256QAM	25	0	ANT2	DSI1	18.63	18.65	18.57	19.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23060	23095	23130	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1	20.69	20.83	20.68	21.00
10	QPSK	1	24	ANT2	DSI1	20.69	20.79	20.74	21.00
10	QPSK	1	49	ANT2	DSI1	20.65	20.72	20.65	21.00
10	QPSK	25	0	ANT2	DSI1	20.77	20.78	20.65	21.00
10	QPSK	25	12	ANT2	DSI1	20.74	20.78	20.76	21.00
10	QPSK	25	25	ANT2	DSI1	20.65	20.70	20.62	21.00
10	QPSK	50	0	ANT2	DSI1	20.70	20.77	20.76	21.00
10	16QAM	1	0	ANT2	DSI1	20.66	20.69	20.63	21.00
10	16QAM	1	24	ANT2	DSI1	20.60	20.75	20.63	21.00
10	16QAM	1	49	ANT2	DSI1	20.52	20.64	20.52	21.00
10	16QAM	25	0	ANT2	DSI1	20.66	20.79	20.73	21.00
10	16QAM	25	12	ANT2	DSI1	20.77	20.83	20.71	21.00
10	16QAM	25	25	ANT2	DSI1	20.74	20.78	20.77	21.00
10	16QAM	50	0	ANT2	DSI1	20.64	20.78	20.71	21.00
10	64QAM	1	0	ANT2	DSI1	20.54	20.64	20.56	21.00
10	64QAM	1	24	ANT2	DSI1	20.51	20.65	20.50	21.00
10	64QAM	1	49	ANT2	DSI1	20.43	20.56	20.48	21.00
10	64QAM	25	0	ANT2	DSI1	20.57	20.68	20.60	21.00
10	64QAM	25	12	ANT2	DSI1	20.61	20.67	20.66	21.00
10	64QAM	25	25	ANT2	DSI1	20.54	20.62	20.55	21.00
10	64QAM	50	0	ANT2	DSI1	20.74	20.82	20.73	21.00
10	256QAM	1	0	ANT2	DSI1	18.43	18.56	18.43	19.00
10	256QAM	1	24	ANT2	DSI1	18.51	18.59	18.48	19.00
10	256QAM	1	49	ANT2	DSI1	18.38	18.51	18.44	19.00
10	256QAM	25	0	ANT2	DSI1	18.66	18.79	18.74	19.00
10	256QAM	25	12	ANT2	DSI1	18.64	18.77	18.75	19.00
10	256QAM	25	25	ANT2	DSI1	18.70	18.76	18.73	19.00
10	256QAM	50	0	ANT2	DSI1	18.66	18.69	18.62	19.00

Band				LTE B12-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23017	23095	23173	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSIO	20.12	20.26	20.22	21.00
1.4	QPSK	1	2	ANT2	DSIO	20.07	20.12	20.08	21.00
1.4	QPSK	1	5	ANT2	DSIO	20.14	20.18	20.10	21.00
1.4	QPSK	3	0	ANT2	DSIO	19.14	19.19	19.09	21.00
1.4	QPSK	3	1	ANT2	DSIO	19.09	19.15	19.15	21.00
1.4	QPSK	3	3	ANT2	DSIO	19.09	19.21	19.10	21.00
1.4	QPSK	6	0	ANT2	DSIO	19.16	19.19	19.10	20.00
1.4	16QAM	1	0	ANT2	DSIO	19.48	19.59	19.50	20.00
1.4	16QAM	1	2	ANT2	DSIO	19.52	19.62	19.39	20.00
1.4	16QAM	1	5	ANT2	DSIO	19.49	19.59	19.47	20.00
1.4	16QAM	3	0	ANT2	DSIO	18.21	18.19	18.16	20.00
1.4	16QAM	3	1	ANT2	DSIO	18.26	18.20	18.19	20.00
1.4	16QAM	3	3	ANT2	DSIO	18.10	18.24	18.20	20.00
1.4	16QAM	6	0	ANT2	DSIO	18.11	18.31	18.05	19.00
1.4	64QAM	1	0	ANT2	DSIO	18.20	18.22	18.18	19.00
1.4	64QAM	1	2	ANT2	DSIO	18.24	18.29	18.21	19.00
1.4	64QAM	1	5	ANT2	DSIO	18.27	18.35	18.28	19.00
1.4	64QAM	3	0	ANT2	DSIO	17.20	17.37	17.16	19.00
1.4	64QAM	3	1	ANT2	DSIO	17.40	17.34	17.36	19.00
1.4	64QAM	3	3	ANT2	DSIO	17.33	17.38	17.27	19.00
1.4	64QAM	6	0	ANT2	DSIO	17.25	17.29	17.25	18.00
1.4	256QAM	1	0	ANT2	DSIO	15.01	15.09	15.05	16.00
1.4	256QAM	1	2	ANT2	DSIO	15.05	15.15	14.99	16.00
1.4	256QAM	1	5	ANT2	DSIO	15.08	15.15	15.11	16.00
1.4	256QAM	3	0	ANT2	DSIO	15.19	15.31	15.19	16.00
1.4	256QAM	3	1	ANT2	DSIO	15.26	15.21	15.04	16.00
1.4	256QAM	3	3	ANT2	DSIO	15.24	15.22	15.30	16.00
1.4	256QAM	6	0	ANT2	DSIO	15.21	15.19	15.09	16.00

Band				LTE B12-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23025	23095	23165	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSIO	20.08	20.27	20.17	21.00
3	QPSK	1	7	ANT2	DSIO	20.05	20.20	20.20	21.00
3	QPSK	1	14	ANT2	DSIO	20.06	20.09	20.06	21.00
3	QPSK	8	0	ANT2	DSIO	19.12	19.31	19.10	20.00
3	QPSK	8	3	ANT2	DSIO	19.20	19.14	19.07	20.00
3	QPSK	8	7	ANT2	DSIO	19.03	19.13	19.02	20.00
3	QPSK	15	0	ANT2	DSIO	19.15	19.25	19.08	20.00
3	16QAM	1	0	ANT2	DSIO	19.43	19.51	19.44	20.00
3	16QAM	1	7	ANT2	DSIO	19.42	19.56	19.46	20.00
3	16QAM	1	14	ANT2	DSIO	19.52	19.60	19.57	20.00
3	16QAM	8	0	ANT2	DSIO	18.15	18.30	18.09	19.00
3	16QAM	8	3	ANT2	DSIO	18.17	18.23	18.18	19.00
3	16QAM	8	7	ANT2	DSIO	18.04	18.25	18.25	19.00
3	16QAM	15	0	ANT2	DSIO	18.12	18.21	18.05	19.00
3	64QAM	1	0	ANT2	DSIO	18.16	18.21	18.22	19.00
3	64QAM	1	7	ANT2	DSIO	18.38	18.34	18.21	19.00
3	64QAM	1	14	ANT2	DSIO	18.26	18.29	18.24	19.00
3	64QAM	8	0	ANT2	DSIO	17.19	17.33	17.15	18.00
3	64QAM	8	3	ANT2	DSIO	17.41	17.34	17.33	18.00
3	64QAM	8	7	ANT2	DSIO	17.27	17.41	17.19	18.00
3	64QAM	15	0	ANT2	DSIO	17.25	17.31	17.23	18.00
3	256QAM	1	0	ANT2	DSIO	15.08	15.07	15.04	16.00
3	256QAM	1	7	ANT2	DSIO	15.06	15.11	15.06	16.00
3	256QAM	1	14	ANT2	DSIO	15.05	15.12	15.05	16.00
3	256QAM	8	0	ANT2	DSIO	15.25	15.23	15.19	16.00
3	256QAM	8	3	ANT2	DSIO	15.22	15.25	15.05	16.00
3	256QAM	8	7	ANT2	DSIO	15.22	15.28	15.31	16.00
3	256QAM	15	0	ANT2	DSIO	15.26	15.28	15.08	16.00

Band				LTE B12-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23035	23095	23155	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	20.14	20.22	20.16	21.00
5	QPSK	1	12	ANT2	DSIO	20.18	20.21	20.08	21.00
5	QPSK	1	24	ANT2	DSIO	20.07	20.17	20.02	21.00
5	QPSK	12	0	ANT2	DSIO	19.15	19.19	19.08	20.00
5	QPSK	12	6	ANT2	DSIO	19.14	19.21	19.12	20.00
5	QPSK	12	13	ANT2	DSIO	19.01	19.18	18.99	20.00
5	QPSK	25	0	ANT2	DSIO	19.04	19.19	19.11	20.00
5	16QAM	1	0	ANT2	DSIO	19.44	19.51	19.55	20.00
5	16QAM	1	12	ANT2	DSIO	19.41	19.62	19.36	20.00
5	16QAM	1	24	ANT2	DSIO	19.51	19.59	19.46	20.00
5	16QAM	12	0	ANT2	DSIO	18.27	18.21	18.09	19.00
5	16QAM	12	6	ANT2	DSIO	18.26	18.26	18.20	19.00
5	16QAM	12	13	ANT2	DSIO	18.17	18.26	18.24	19.00
5	16QAM	25	0	ANT2	DSIO	18.07	18.20	18.05	19.00
5	64QAM	1	0	ANT2	DSIO	18.10	18.27	18.12	19.00
5	64QAM	1	12	ANT2	DSIO	18.27	18.37	18.22	19.00
5	64QAM	1	24	ANT2	DSIO	18.23	18.32	18.21	19.00
5	64QAM	12	0	ANT2	DSIO	17.28	17.40	17.21	18.00
5	64QAM	12	6	ANT2	DSIO	17.33	17.41	17.30	18.00
5	64QAM	12	13	ANT2	DSIO	17.27	17.44	17.31	18.00
5	64QAM	25	0	ANT2	DSIO	17.24	17.22	17.21	18.00
5	256QAM	1	0	ANT2	DSIO	14.99	15.14	14.96	16.00
5	256QAM	1	12	ANT2	DSIO	15.07	15.06	15.05	16.00
5	256QAM	1	24	ANT2	DSIO	15.02	15.10	14.98	16.00
5	256QAM	12	0	ANT2	DSIO	15.24	15.31	15.16	16.00
5	256QAM	12	6	ANT2	DSIO	15.20	15.20	15.13	16.00
5	256QAM	12	13	ANT2	DSIO	15.16	15.29	15.24	16.00
5	256QAM	25	0	ANT2	DSIO	15.15	15.25	15.08	16.00

Band				LTE B12-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23060	23095	23130	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO	20.19	20.28	20.25	21.00
10	QPSK	1	24	ANT2	DSIO	20.19	20.24	20.23	21.00
10	QPSK	1	49	ANT2	DSIO	20.18	20.19	20.17	21.00
10	QPSK	25	0	ANT2	DSIO	19.19	19.32	19.19	20.00
10	QPSK	25	12	ANT2	DSIO	19.24	19.27	19.20	20.00
10	QPSK	25	25	ANT2	DSIO	19.15	19.22	19.14	20.00
10	QPSK	50	0	ANT2	DSIO	19.18	19.30	19.22	20.00
10	16QAM	1	0	ANT2	DSIO	19.49	19.60	19.59	20.00
10	16QAM	1	24	ANT2	DSIO	19.55	19.64	19.49	20.00
10	16QAM	1	49	ANT2	DSIO	19.63	19.67	19.60	20.00
10	16QAM	25	0	ANT2	DSIO	18.29	18.32	18.18	19.00
10	16QAM	25	12	ANT2	DSIO	18.32	18.33	18.21	19.00
10	16QAM	25	25	ANT2	DSIO	18.18	18.30	18.26	19.00
10	16QAM	50	0	ANT2	DSIO	18.17	18.32	18.18	19.00
10	64QAM	1	0	ANT2	DSIO	18.22	18.36	18.27	19.00
10	64QAM	1	24	ANT2	DSIO	18.39	18.40	18.34	19.00
10	64QAM	1	49	ANT2	DSIO	18.28	18.43	18.32	19.00
10	64QAM	25	0	ANT2	DSIO	17.31	17.43	17.30	18.00
10	64QAM	25	12	ANT2	DSIO	17.42	17.45	17.43	18.00
10	64QAM	25	25	ANT2	DSIO	17.39	17.46	17.34	18.00
10	64QAM	50	0	ANT2	DSIO	17.34	17.37	17.28	18.00
10	256QAM	1	0	ANT2	DSIO	15.14	15.15	15.08	16.00
10	256QAM	1	24	ANT2	DSIO	15.14	15.18	15.09	16.00
10	256QAM	1	49	ANT2	DSIO	15.09	15.18	15.13	16.00
10	256QAM	25	0	ANT2	DSIO	15.28	15.37	15.22	16.00
10	256QAM	25	12	ANT2	DSIO	15.31	15.33	15.18	16.00
10	256QAM	25	25	ANT2	DSIO	15.28	15.37	15.32	16.00
10	256QAM	50	0	ANT2	DSIO	15.28	15.34	15.21	16.00

Band				LTE B12-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23017	23095	23173	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSI1	17.63	17.81	17.63	18.00
1.4	QPSK	1	2	ANT2	DSI1	17.54	17.64	17.73	18.00
1.4	QPSK	1	5	ANT2	DSI1	17.59	17.58	17.59	18.00
1.4	QPSK	3	0	ANT2	DSI1	17.70	17.66	17.56	18.00
1.4	QPSK	3	1	ANT2	DSI1	17.70	17.68	17.64	18.00
1.4	QPSK	3	3	ANT2	DSI1	17.52	17.61	17.56	18.00
1.4	QPSK	6	0	ANT2	DSI1	17.66	17.62	17.73	18.00
1.4	16QAM	1	0	ANT2	DSI1	17.51	17.66	17.55	18.00
1.4	16QAM	1	2	ANT2	DSI1	17.57	17.60	17.62	18.00
1.4	16QAM	1	5	ANT2	DSI1	17.42	17.62	17.49	18.00
1.4	16QAM	3	0	ANT2	DSI1	17.51	17.72	17.64	18.00
1.4	16QAM	3	1	ANT2	DSI1	17.65	17.78	17.65	18.00
1.4	16QAM	3	3	ANT2	DSI1	17.60	17.71	17.67	18.00
1.4	16QAM	6	0	ANT2	DSI1	17.58	17.64	17.64	18.00
1.4	64QAM	1	0	ANT2	DSI1	17.53	17.49	17.54	18.00
1.4	64QAM	1	2	ANT2	DSI1	17.49	17.58	17.35	18.00
1.4	64QAM	1	5	ANT2	DSI1	17.35	17.42	17.34	18.00
1.4	64QAM	3	0	ANT2	DSI1	17.49	17.56	17.50	18.00
1.4	64QAM	3	1	ANT2	DSI1	17.53	17.52	17.63	18.00
1.4	64QAM	3	3	ANT2	DSI1	17.44	17.60	17.54	18.00
1.4	64QAM	6	0	ANT2	DSI1	17.63	17.73	17.70	18.00
1.4	256QAM	1	0	ANT2	DSI1	15.29	15.43	15.39	16.00
1.4	256QAM	1	2	ANT2	DSI1	15.37	15.52	15.39	16.00
1.4	256QAM	1	5	ANT2	DSI1	15.25	15.47	15.41	16.00
1.4	256QAM	3	0	ANT2	DSI1	15.61	15.77	15.67	16.00
1.4	256QAM	3	1	ANT2	DSI1	15.53	15.62	15.62	16.00
1.4	256QAM	3	3	ANT2	DSI1	15.68	15.69	15.60	16.00
1.4	256QAM	6	0	ANT2	DSI1	15.61	15.68	15.47	16.00

Band				LTE B12-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23025	23095	23165	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSI1	17.63	17.81	17.62	18.00
3	QPSK	1	7	ANT2	DSI1	17.67	17.72	17.68	18.00
3	QPSK	1	14	ANT2	DSI1	17.55	17.71	17.50	18.00
3	QPSK	8	0	ANT2	DSI1	17.69	17.72	17.58	18.00
3	QPSK	8	3	ANT2	DSI1	17.69	17.72	17.69	18.00
3	QPSK	8	7	ANT2	DSI1	17.50	17.67	17.60	18.00
3	QPSK	15	0	ANT2	DSI1	17.59	17.75	17.67	18.00
3	16QAM	1	0	ANT2	DSI1	17.58	17.68	17.53	18.00
3	16QAM	1	7	ANT2	DSI1	17.47	17.71	17.48	18.00
3	16QAM	1	14	ANT2	DSI1	17.40	17.50	17.51	18.00
3	16QAM	8	0	ANT2	DSI1	17.59	17.69	17.59	18.00
3	16QAM	8	3	ANT2	DSI1	17.65	17.81	17.65	18.00
3	16QAM	8	7	ANT2	DSI1	17.70	17.74	17.73	18.00
3	16QAM	15	0	ANT2	DSI1	17.63	17.67	17.59	18.00
3	64QAM	1	0	ANT2	DSI1	17.43	17.57	17.45	18.00
3	64QAM	1	7	ANT2	DSI1	17.49	17.52	17.49	18.00
3	64QAM	1	14	ANT2	DSI1	17.36	17.44	17.40	18.00
3	64QAM	8	0	ANT2	DSI1	17.45	17.58	17.57	18.00
3	64QAM	8	3	ANT2	DSI1	17.55	17.58	17.51	18.00
3	64QAM	8	7	ANT2	DSI1	17.39	17.54	17.41	18.00
3	64QAM	15	0	ANT2	DSI1	17.65	17.71	17.70	18.00
3	256QAM	1	0	ANT2	DSI1	15.28	15.54	15.33	16.00
3	256QAM	1	7	ANT2	DSI1	15.37	15.54	15.42	16.00
3	256QAM	1	14	ANT2	DSI1	15.23	15.37	15.37	16.00
3	256QAM	8	0	ANT2	DSI1	15.58	15.66	15.61	16.00
3	256QAM	8	3	ANT2	DSI1	15.55	15.69	15.64	16.00
3	256QAM	8	7	ANT2	DSI1	15.65	15.63	15.60	16.00
3	256QAM	15	0	ANT2	DSI1	15.59	15.55	15.60	16.00

Band				LTE B12-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23035	23095	23155	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	17.55	17.77	17.56	18.00
5	QPSK	1	12	ANT2	DSI1	17.65	17.68	17.66	18.00
5	QPSK	1	24	ANT2	DSI1	17.53	17.64	17.63	18.00
5	QPSK	12	0	ANT2	DSI1	17.64	17.73	17.62	18.00
5	QPSK	12	6	ANT2	DSI1	17.70	17.70	17.69	18.00
5	QPSK	12	13	ANT2	DSI1	17.53	17.66	17.49	18.00
5	QPSK	25	0	ANT2	DSI1	17.66	17.75	17.68	18.00
5	16QAM	1	0	ANT2	DSI1	17.61	17.68	17.53	18.00
5	16QAM	1	12	ANT2	DSI1	17.53	17.61	17.54	18.00
5	16QAM	1	24	ANT2	DSI1	17.38	17.58	17.46	18.00
5	16QAM	12	0	ANT2	DSI1	17.53	17.74	17.61	18.00
5	16QAM	12	6	ANT2	DSI1	17.74	17.69	17.68	18.00
5	16QAM	12	13	ANT2	DSI1	17.70	17.66	17.69	18.00
5	16QAM	25	0	ANT2	DSI1	17.52	17.64	17.64	18.00
5	64QAM	1	0	ANT2	DSI1	17.41	17.55	17.53	18.00
5	64QAM	1	12	ANT2	DSI1	17.44	17.57	17.45	18.00
5	64QAM	1	24	ANT2	DSI1	17.35	17.52	17.35	18.00
5	64QAM	12	0	ANT2	DSI1	17.51	17.64	17.57	18.00
5	64QAM	12	6	ANT2	DSI1	17.58	17.58	17.63	18.00
5	64QAM	12	13	ANT2	DSI1	17.49	17.61	17.43	18.00
5	64QAM	25	0	ANT2	DSI1	17.71	17.74	17.64	18.00
5	256QAM	1	0	ANT2	DSI1	15.37	15.41	15.40	16.00
5	256QAM	1	12	ANT2	DSI1	15.41	15.47	15.39	16.00
5	256QAM	1	24	ANT2	DSI1	15.33	15.44	15.41	16.00
5	256QAM	12	0	ANT2	DSI1	15.57	15.71	15.68	16.00
5	256QAM	12	6	ANT2	DSI1	15.57	15.72	15.71	16.00
5	256QAM	12	13	ANT2	DSI1	15.63	15.75	15.68	16.00
5	256QAM	25	0	ANT2	DSI1	15.63	15.65	15.57	16.00

Band				LTE B12-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23060	23095	23130	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1	17.69	17.83	17.69	18.00
10	QPSK	1	24	ANT2	DSI1	17.69	17.79	17.74	18.00
10	QPSK	1	49	ANT2	DSI1	17.65	17.72	17.65	18.00
10	QPSK	25	0	ANT2	DSI1	17.77	17.78	17.65	18.00
10	QPSK	25	12	ANT2	DSI1	17.74	17.78	17.76	18.00
10	QPSK	25	25	ANT2	DSI1	17.65	17.70	17.62	18.00
10	QPSK	50	0	ANT2	DSI1	17.70	17.77	17.76	18.00
10	16QAM	1	0	ANT2	DSI1	17.66	17.69	17.63	18.00
10	16QAM	1	24	ANT2	DSI1	17.60	17.75	17.63	18.00
10	16QAM	1	49	ANT2	DSI1	17.52	17.64	17.52	18.00
10	16QAM	25	0	ANT2	DSI1	17.66	17.79	17.73	18.00
10	16QAM	25	12	ANT2	DSI1	17.77	17.83	17.71	18.00
10	16QAM	25	25	ANT2	DSI1	17.74	17.78	17.77	18.00
10	16QAM	50	0	ANT2	DSI1	17.64	17.78	17.71	18.00
10	64QAM	1	0	ANT2	DSI1	17.54	17.64	17.56	18.00
10	64QAM	1	24	ANT2	DSI1	17.51	17.65	17.50	18.00
10	64QAM	1	49	ANT2	DSI1	17.43	17.56	17.48	18.00
10	64QAM	25	0	ANT2	DSI1	17.57	17.68	17.60	18.00
10	64QAM	25	12	ANT2	DSI1	17.61	17.67	17.66	18.00
10	64QAM	25	25	ANT2	DSI1	17.54	17.62	17.55	18.00
10	64QAM	50	0	ANT2	DSI1	17.74	17.82	17.73	18.00
10	256QAM	1	0	ANT2	DSI1	15.43	15.56	15.43	16.00
10	256QAM	1	24	ANT2	DSI1	15.51	15.59	15.48	16.00
10	256QAM	1	49	ANT2	DSI1	15.38	15.51	15.44	16.00
10	256QAM	25	0	ANT2	DSI1	15.66	15.79	15.74	16.00
10	256QAM	25	12	ANT2	DSI1	15.64	15.77	15.75	16.00
10	256QAM	25	25	ANT2	DSI1	15.70	15.76	15.73	16.00
10	256QAM	50	0	ANT2	DSI1	15.66	15.69	15.62	16.00

Band				LTE B13					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23205	23230	23255	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	23.24	23.26	23.20	24.00
5	QPSK	1	12	ANT2	DSIO	23.22	23.11	23.11	24.00
5	QPSK	1	24	ANT2	DSIO	23.09	23.08	23.16	24.00
5	QPSK	12	0	ANT2	DSIO	22.25	22.28	22.34	23.00
5	QPSK	12	6	ANT2	DSIO	22.20	22.31	22.29	23.00
5	QPSK	12	13	ANT2	DSIO	22.26	22.20	22.19	23.00
5	QPSK	25	0	ANT2	DSIO	22.21	22.29	22.29	23.00
5	16QAM	1	0	ANT2	DSIO	22.11	22.16	22.15	23.00
5	16QAM	1	12	ANT2	DSIO	22.21	22.19	22.13	23.00
5	16QAM	1	24	ANT2	DSIO	22.05	22.13	22.14	23.00
5	16QAM	12	0	ANT2	DSIO	21.30	21.19	21.23	22.00
5	16QAM	12	6	ANT2	DSIO	21.29	21.16	21.17	22.00
5	16QAM	12	13	ANT2	DSIO	21.23	21.15	21.16	22.00
5	16QAM	25	0	ANT2	DSIO	21.24	21.22	21.15	22.00
5	64QAM	1	0	ANT2	DSIO	21.38	21.47	21.47	22.00
5	64QAM	1	12	ANT2	DSIO	21.60	21.59	21.50	22.00
5	64QAM	1	24	ANT2	DSIO	21.50	21.52	21.52	22.00
5	64QAM	12	0	ANT2	DSIO	20.37	20.34	20.40	21.00
5	64QAM	12	6	ANT2	DSIO	20.36	20.44	20.33	21.00
5	64QAM	12	13	ANT2	DSIO	20.28	20.31	20.26	21.00
5	64QAM	25	0	ANT2	DSIO	20.33	20.25	20.24	21.00
5	256QAM	1	0	ANT2	DSIO	18.72	18.73	18.84	19.00
5	256QAM	1	12	ANT2	DSIO	18.89	18.79	18.83	19.00
5	256QAM	1	24	ANT2	DSIO	18.83	18.75	18.75	19.00
5	256QAM	12	0	ANT2	DSIO	18.40	18.27	18.26	19.00
5	256QAM	12	6	ANT2	DSIO	18.19	18.24	18.22	19.00
5	256QAM	12	13	ANT2	DSIO	18.17	18.17	18.18	19.00
5	256QAM	25	0	ANT2	DSIO	18.30	18.31	18.40	19.00

Band				LTE B13					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State		23230		Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO		23.28		24.00
10	QPSK	1	24	ANT2	DSIO		23.26		24.00
10	QPSK	1	49	ANT2	DSIO		23.21		24.00
10	QPSK	25	0	ANT2	DSIO		22.37		23.00
10	QPSK	25	12	ANT2	DSIO		22.32		23.00
10	QPSK	25	25	ANT2	DSIO		22.27		23.00
10	QPSK	50	0	ANT2	DSIO		22.35		23.00
10	16QAM	1	0	ANT2	DSIO		22.19		23.00
10	16QAM	1	24	ANT2	DSIO		22.23		23.00
10	16QAM	1	49	ANT2	DSIO		22.16		23.00
10	16QAM	25	0	ANT2	DSIO		21.32		22.00
10	16QAM	25	12	ANT2	DSIO		21.31		22.00
10	16QAM	25	25	ANT2	DSIO		21.27		22.00
10	16QAM	50	0	ANT2	DSIO		21.27		22.00
10	64QAM	1	0	ANT2	DSIO		21.52		22.00
10	64QAM	1	24	ANT2	DSIO		21.64		22.00
10	64QAM	1	49	ANT2	DSIO		21.57		22.00
10	64QAM	25	0	ANT2	DSIO		20.46		21.00
10	64QAM	25	12	ANT2	DSIO		20.45		21.00
10	64QAM	25	25	ANT2	DSIO		20.37		21.00
10	64QAM	50	0	ANT2	DSIO		20.38		21.00
10	256QAM	1	0	ANT2	DSIO		18.85		19.00
10	256QAM	1	24	ANT2	DSIO		18.92		19.00
10	256QAM	1	49	ANT2	DSIO		18.86		19.00
10	256QAM	25	0	ANT2	DSIO		18.41		19.00
10	256QAM	25	12	ANT2	DSIO		18.34		19.00
10	256QAM	25	25	ANT2	DSIO		18.31		19.00
10	256QAM	50	0	ANT2	DSIO		18.44		19.00

Band				LTE B13					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23205	23230	23255	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	20.31	20.43	20.34	21.00
5	QPSK	1	12	ANT2	DSI1	20.35	20.37	20.31	21.00
5	QPSK	1	24	ANT2	DSI1	20.22	20.31	20.26	21.00
5	QPSK	12	0	ANT2	DSI1	20.19	20.33	20.20	21.00
5	QPSK	12	6	ANT2	DSI1	20.29	20.40	20.35	21.00
5	QPSK	12	13	ANT2	DSI1	20.31	20.40	20.36	21.00
5	QPSK	25	0	ANT2	DSI1	20.25	20.38	20.26	21.00
5	16QAM	1	0	ANT2	DSI1	20.20	20.26	20.21	21.00
5	16QAM	1	12	ANT2	DSI1	20.35	20.37	20.36	21.00
5	16QAM	1	24	ANT2	DSI1	20.32	20.36	20.24	21.00
5	16QAM	12	0	ANT2	DSI1	20.10	20.20	20.17	21.00
5	16QAM	12	6	ANT2	DSI1	20.21	20.23	20.15	21.00
5	16QAM	12	13	ANT2	DSI1	20.21	20.22	20.10	21.00
5	16QAM	25	0	ANT2	DSI1	20.01	20.14	20.03	21.00
5	64QAM	1	0	ANT2	DSI1	20.38	20.40	20.36	21.00
5	64QAM	1	12	ANT2	DSI1	20.38	20.39	20.25	21.00
5	64QAM	1	24	ANT2	DSI1	20.19	20.31	20.26	21.00
5	64QAM	12	0	ANT2	DSI1	20.22	20.35	20.24	21.00
5	64QAM	12	6	ANT2	DSI1	20.25	20.38	20.29	21.00
5	64QAM	12	13	ANT2	DSI1	20.30	20.37	20.26	21.00
5	64QAM	25	0	ANT2	DSI1	20.36	20.37	20.24	21.00
5	256QAM	1	0	ANT2	DSI1	18.57	18.71	18.58	19.00
5	256QAM	1	12	ANT2	DSI1	18.61	18.65	18.64	19.00
5	256QAM	1	24	ANT2	DSI1	18.67	18.74	18.72	19.00
5	256QAM	12	0	ANT2	DSI1	18.42	18.51	18.42	19.00
5	256QAM	12	6	ANT2	DSI1	18.55	18.56	18.44	19.00
5	256QAM	12	13	ANT2	DSI1	18.39	18.51	18.42	19.00
5	256QAM	25	0	ANT2	DSI1	18.48	18.49	18.39	19.00

Band				LTE B13					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State		23230		Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1		20.56		21.00
10	QPSK	1	24	ANT2	DSI1		20.43		21.00
10	QPSK	1	49	ANT2	DSI1		20.51		21.00
10	QPSK	25	0	ANT2	DSI1		20.48		21.00
10	QPSK	25	12	ANT2	DSI1		20.46		21.00
10	QPSK	25	25	ANT2	DSI1		20.45		21.00
10	QPSK	50	0	ANT2	DSI1		20.49		21.00
10	16QAM	1	0	ANT2	DSI1		20.43		21.00
10	16QAM	1	24	ANT2	DSI1		20.32		21.00
10	16QAM	1	49	ANT2	DSI1		20.16		21.00
10	16QAM	25	0	ANT2	DSI1		20.16		21.00
10	16QAM	25	12	ANT2	DSI1		20.22		21.00
10	16QAM	25	25	ANT2	DSI1		20.18		21.00
10	16QAM	50	0	ANT2	DSI1		20.14		21.00
10	64QAM	1	0	ANT2	DSI1		20.24		21.00
10	64QAM	1	24	ANT2	DSI1		20.18		21.00
10	64QAM	1	49	ANT2	DSI1		20.25		21.00
10	64QAM	25	0	ANT2	DSI1		20.17		21.00
10	64QAM	25	12	ANT2	DSI1		20.18		21.00
10	64QAM	25	25	ANT2	DSI1		20.25		21.00
10	64QAM	50	0	ANT2	DSI1		20.19		21.00
10	256QAM	1	0	ANT2	DSI1		18.51		19.00
10	256QAM	1	24	ANT2	DSI1		18.58		19.00
10	256QAM	1	49	ANT2	DSI1		18.49		19.00
10	256QAM	25	0	ANT2	DSI1		18.62		19.00
10	256QAM	25	12	ANT2	DSI1		18.62		19.00
10	256QAM	25	25	ANT2	DSI1		18.63		19.00
10	256QAM	50	0	ANT2	DSI1		18.56		19.00

Band				LTE B17					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23755	23790	23825	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	23.18	23.31	23.13	24.00
5	QPSK	1	12	ANT2	DSIO	23.10	23.16	23.15	24.00
5	QPSK	1	24	ANT2	DSIO	23.10	23.23	23.18	24.00
5	QPSK	12	0	ANT2	DSIO	22.09	22.26	22.08	23.00
5	QPSK	12	6	ANT2	DSIO	22.13	22.23	22.20	23.00
5	QPSK	12	13	ANT2	DSIO	22.05	22.16	22.13	23.00
5	QPSK	25	0	ANT2	DSIO	22.08	22.20	22.17	23.00
5	16QAM	1	0	ANT2	DSIO	22.45	22.52	22.40	23.00
5	16QAM	1	12	ANT2	DSIO	22.58	22.60	22.55	23.00
5	16QAM	1	24	ANT2	DSIO	22.54	22.56	22.45	23.00
5	16QAM	12	0	ANT2	DSIO	21.10	21.34	21.24	22.00
5	16QAM	12	6	ANT2	DSIO	21.12	21.22	21.17	22.00
5	16QAM	12	13	ANT2	DSIO	21.10	21.20	21.04	22.00
5	16QAM	25	0	ANT2	DSIO	21.16	21.19	21.20	22.00
5	64QAM	1	0	ANT2	DSIO	21.19	21.22	21.05	22.00
5	64QAM	1	12	ANT2	DSIO	21.39	21.46	21.39	22.00
5	64QAM	1	24	ANT2	DSIO	21.35	21.39	21.33	22.00
5	64QAM	12	0	ANT2	DSIO	20.32	20.44	20.20	21.00
5	64QAM	12	6	ANT2	DSIO	20.26	20.41	20.20	21.00
5	64QAM	12	13	ANT2	DSIO	20.19	20.39	20.35	21.00
5	64QAM	25	0	ANT2	DSIO	20.26	20.30	20.15	21.00
5	256QAM	1	0	ANT2	DSIO	17.89	18.08	17.86	19.00
5	256QAM	1	12	ANT2	DSIO	18.04	18.14	18.03	19.00
5	256QAM	1	24	ANT2	DSIO	18.15	18.09	17.99	19.00
5	256QAM	12	0	ANT2	DSIO	18.20	18.28	18.16	19.00
5	256QAM	12	6	ANT2	DSIO	18.23	18.34	18.21	19.00
5	256QAM	12	13	ANT2	DSIO	18.30	18.33	18.16	19.00
5	256QAM	25	0	ANT2	DSIO	18.16	18.27	18.12	19.00

Band				LTE B17					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23780	23790	23800	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO	23.25	23.36	23.24	24.00
10	QPSK	1	24	ANT2	DSIO	23.20	23.31	23.21	24.00
10	QPSK	1	49	ANT2	DSIO	23.20	23.27	23.25	24.00
10	QPSK	25	0	ANT2	DSIO	22.23	22.31	22.19	23.00
10	QPSK	25	12	ANT2	DSIO	22.28	22.29	22.26	23.00
10	QPSK	25	25	ANT2	DSIO	22.16	22.24	22.18	23.00
10	QPSK	50	0	ANT2	DSIO	22.16	22.30	22.23	23.00
10	16QAM	1	0	ANT2	DSIO	22.51	22.54	22.45	23.00
10	16QAM	1	24	ANT2	DSIO	22.69	22.72	22.64	23.00
10	16QAM	1	49	ANT2	DSIO	22.58	22.66	22.51	23.00
10	16QAM	25	0	ANT2	DSIO	21.23	21.36	21.35	22.00
10	16QAM	25	12	ANT2	DSIO	21.27	21.33	21.28	22.00
10	16QAM	25	25	ANT2	DSIO	21.24	21.30	21.15	22.00
10	16QAM	50	0	ANT2	DSIO	21.22	21.29	21.27	22.00
10	64QAM	1	0	ANT2	DSIO	21.25	21.31	21.19	22.00
10	64QAM	1	24	ANT2	DSIO	21.43	21.50	21.40	22.00
10	64QAM	1	49	ANT2	DSIO	21.42	21.51	21.46	22.00
10	64QAM	25	0	ANT2	DSIO	20.41	20.45	20.31	21.00
10	64QAM	25	12	ANT2	DSIO	20.29	20.42	20.29	21.00
10	64QAM	25	25	ANT2	DSIO	20.33	20.45	20.41	21.00
10	64QAM	50	0	ANT2	DSIO	20.32	20.40	20.26	21.00
10	256QAM	1	0	ANT2	DSIO	17.98	18.11	18.00	19.00
10	256QAM	1	24	ANT2	DSIO	18.16	18.26	18.12	19.00
10	256QAM	1	49	ANT2	DSIO	18.18	18.24	18.10	19.00
10	256QAM	25	0	ANT2	DSIO	18.24	18.34	18.23	19.00
10	256QAM	25	12	ANT2	DSIO	18.29	18.38	18.31	19.00
10	256QAM	25	25	ANT2	DSIO	18.32	18.36	18.28	19.00
10	256QAM	50	0	ANT2	DSIO	18.21	18.29	18.26	19.00

Band				LTE B17					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23755	23790	23825	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	20.77	20.86	20.67	21.00
5	QPSK	1	12	ANT2	DSI1	20.76	20.84	20.71	21.00
5	QPSK	1	24	ANT2	DSI1	20.67	20.77	20.79	21.00
5	QPSK	12	0	ANT2	DSI1	20.60	20.72	20.61	21.00
5	QPSK	12	6	ANT2	DSI1	20.63	20.69	20.52	21.00
5	QPSK	12	13	ANT2	DSI1	20.54	20.61	20.53	21.00
5	QPSK	25	0	ANT2	DSI1	20.59	20.73	20.75	21.00
5	16QAM	1	0	ANT2	DSI1	20.57	20.66	20.54	21.00
5	16QAM	1	12	ANT2	DSI1	20.66	20.67	20.61	21.00
5	16QAM	1	24	ANT2	DSI1	20.71	20.70	20.62	21.00
5	16QAM	12	0	ANT2	DSI1	20.39	20.52	20.44	21.00
5	16QAM	12	6	ANT2	DSI1	20.53	20.58	20.43	21.00
5	16QAM	12	13	ANT2	DSI1	20.41	20.49	20.55	21.00
5	16QAM	25	0	ANT2	DSI1	20.52	20.58	20.52	21.00
5	64QAM	1	0	ANT2	DSI1	20.63	20.70	20.69	21.00
5	64QAM	1	12	ANT2	DSI1	20.61	20.63	20.55	21.00
5	64QAM	1	24	ANT2	DSI1	20.57	20.72	20.60	21.00
5	64QAM	12	0	ANT2	DSI1	20.55	20.51	20.43	21.00
5	64QAM	12	6	ANT2	DSI1	20.57	20.61	20.57	21.00
5	64QAM	12	13	ANT2	DSI1	20.45	20.60	20.53	21.00
5	64QAM	25	0	ANT2	DSI1	20.63	20.51	20.52	21.00
5	256QAM	1	0	ANT2	DSI1	18.55	18.59	18.66	19.00
5	256QAM	1	12	ANT2	DSI1	18.58	18.58	18.57	19.00
5	256QAM	1	24	ANT2	DSI1	18.39	18.61	18.48	19.00
5	256QAM	12	0	ANT2	DSI1	18.65	18.79	18.69	19.00
5	256QAM	12	6	ANT2	DSI1	18.78	18.77	18.73	19.00
5	256QAM	12	13	ANT2	DSI1	18.73	18.77	18.56	19.00
5	256QAM	25	0	ANT2	DSI1	18.59	18.69	18.58	19.00

Band				LTE B17					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23780	23790	23800	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1	20.84	20.90	20.77	21.00
10	QPSK	1	24	ANT2	DSI1	20.78	20.86	20.75	21.00
10	QPSK	1	49	ANT2	DSI1	20.76	20.85	20.83	21.00
10	QPSK	25	0	ANT2	DSI1	20.74	20.81	20.73	21.00
10	QPSK	25	12	ANT2	DSI1	20.73	20.80	20.67	21.00
10	QPSK	25	25	ANT2	DSI1	20.65	20.75	20.66	21.00
10	QPSK	50	0	ANT2	DSI1	20.68	20.82	20.81	21.00
10	16QAM	1	0	ANT2	DSI1	20.59	20.70	20.60	21.00
10	16QAM	1	24	ANT2	DSI1	20.69	20.74	20.63	21.00
10	16QAM	1	49	ANT2	DSI1	20.72	20.75	20.70	21.00
10	16QAM	25	0	ANT2	DSI1	20.53	20.65	20.54	21.00
10	16QAM	25	12	ANT2	DSI1	20.58	20.67	20.53	21.00
10	16QAM	25	25	ANT2	DSI1	20.54	20.64	20.62	21.00
10	16QAM	50	0	ANT2	DSI1	20.54	20.60	20.55	21.00
10	64QAM	1	0	ANT2	DSI1	20.74	20.80	20.70	21.00
10	64QAM	1	24	ANT2	DSI1	20.62	20.76	20.61	21.00
10	64QAM	1	49	ANT2	DSI1	20.61	20.74	20.61	21.00
10	64QAM	25	0	ANT2	DSI1	20.61	20.66	20.55	21.00
10	64QAM	25	12	ANT2	DSI1	20.70	20.72	20.63	21.00
10	64QAM	25	25	ANT2	DSI1	20.60	20.67	20.54	21.00
10	64QAM	50	0	ANT2	DSI1	20.64	20.66	20.60	21.00
10	256QAM	1	0	ANT2	DSI1	18.56	18.69	18.67	19.00
10	256QAM	1	24	ANT2	DSI1	18.66	18.67	18.59	19.00
10	256QAM	1	49	ANT2	DSI1	18.54	18.65	18.54	19.00
10	256QAM	25	0	ANT2	DSI1	18.73	18.84	18.78	19.00
10	256QAM	25	12	ANT2	DSI1	18.79	18.88	18.87	19.00
10	256QAM	25	25	ANT2	DSI1	18.75	18.81	18.69	19.00
10	256QAM	50	0	ANT2	DSI1	18.69	18.78	18.68	19.00

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26047	26365	26683	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSIO	24.10	24.16	24.02	24.50
1.4	QPSK	1	2	ANT6	DSIO	24.00	24.13	24.02	24.50
1.4	QPSK	1	5	ANT6	DSIO	24.02	24.11	24.05	24.50
1.4	QPSK	3	0	ANT6	DSIO	24.03	24.14	23.99	24.50
1.4	QPSK	3	1	ANT6	DSIO	24.09	24.10	24.07	24.50
1.4	QPSK	3	3	ANT6	DSIO	24.00	24.08	24.03	24.50
1.4	QPSK	6	0	ANT6	DSIO	23.04	23.06	22.93	23.50
1.4	16QAM	1	0	ANT6	DSIO	23.41	23.50	23.46	24.00
1.4	16QAM	1	2	ANT6	DSIO	23.39	23.50	23.38	24.00
1.4	16QAM	1	5	ANT6	DSIO	23.43	23.49	23.45	24.00
1.4	16QAM	3	0	ANT6	DSIO	23.19	23.26	23.17	24.00
1.4	16QAM	3	1	ANT6	DSIO	23.20	23.27	23.12	24.00
1.4	16QAM	3	3	ANT6	DSIO	23.22	23.28	23.27	24.00
1.4	16QAM	6	0	ANT6	DSIO	21.91	21.95	21.81	22.50
1.4	64QAM	1	0	ANT6	DSIO	22.17	22.21	22.13	23.00
1.4	64QAM	1	2	ANT6	DSIO	22.17	22.27	22.24	23.00
1.4	64QAM	1	5	ANT6	DSIO	22.16	22.19	22.11	23.00
1.4	64QAM	3	0	ANT6	DSIO	22.01	22.14	22.12	23.00
1.4	64QAM	3	1	ANT6	DSIO	22.10	22.16	22.04	23.00
1.4	64QAM	3	3	ANT6	DSIO	22.03	22.15	22.03	23.00
1.4	64QAM	6	0	ANT6	DSIO	21.28	21.29	21.25	21.50
1.4	256QAM	1	0	ANT6	DSIO	19.10	19.14	19.00	19.50
1.4	256QAM	1	2	ANT6	DSIO	18.98	19.11	19.09	19.50
1.4	256QAM	1	5	ANT6	DSIO	18.98	19.12	19.05	19.50
1.4	256QAM	3	0	ANT6	DSIO	19.19	19.28	19.14	19.50
1.4	256QAM	3	1	ANT6	DSIO	19.19	19.32	19.23	19.50
1.4	256QAM	3	3	ANT6	DSIO	19.20	19.31	19.19	19.50
1.4	256QAM	6	0	ANT6	DSIO	19.12	19.27	19.19	19.50

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26055	26365	26675	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSIO	24.13	24.15	24.14	24.50
3	QPSK	1	7	ANT6	DSIO	23.96	24.13	24.11	24.50
3	QPSK	1	14	ANT6	DSIO	23.93	24.02	24.02	24.50
3	QPSK	8	0	ANT6	DSIO	23.05	23.10	23.14	23.50
3	QPSK	8	3	ANT6	DSIO	23.11	23.17	22.95	23.50
3	QPSK	8	7	ANT6	DSIO	22.94	23.05	23.11	23.50
3	QPSK	15	0	ANT6	DSIO	22.99	23.12	22.99	23.50
3	16QAM	1	0	ANT6	DSIO	23.17	23.39	23.29	24.00
3	16QAM	1	7	ANT6	DSIO	23.40	23.48	23.49	24.00
3	16QAM	1	14	ANT6	DSIO	23.40	23.52	23.50	24.00
3	16QAM	8	0	ANT6	DSIO	22.01	22.00	21.88	22.50
3	16QAM	8	3	ANT6	DSIO	21.98	22.04	22.02	22.50
3	16QAM	8	7	ANT6	DSIO	22.06	22.08	22.10	22.50
3	16QAM	15	0	ANT6	DSIO	21.99	21.98	22.01	22.50
3	64QAM	1	0	ANT6	DSIO	22.40	22.57	22.51	23.00
3	64QAM	1	7	ANT6	DSIO	22.60	22.68	22.62	23.00
3	64QAM	1	14	ANT6	DSIO	22.51	22.59	22.52	23.00
3	64QAM	8	0	ANT6	DSIO	20.79	20.94	20.88	21.50
3	64QAM	8	3	ANT6	DSIO	20.89	21.04	20.97	21.50
3	64QAM	8	7	ANT6	DSIO	21.05	21.03	21.08	21.50
3	64QAM	15	0	ANT6	DSIO	20.91	20.99	20.93	21.50
3	256QAM	1	0	ANT6	DSIO	19.32	19.34	19.19	19.50
3	256QAM	1	7	ANT6	DSIO	19.27	19.30	19.25	19.50
3	256QAM	1	14	ANT6	DSIO	19.33	19.42	19.32	19.50
3	256QAM	8	0	ANT6	DSIO	19.29	19.30	19.25	19.50
3	256QAM	8	3	ANT6	DSIO	19.24	19.25	19.23	19.50
3	256QAM	8	7	ANT6	DSIO	19.19	19.28	19.14	19.50
3	256QAM	15	0	ANT6	DSIO	19.17	19.19	19.22	19.50

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26065	26365	26665	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSIO	24.02	24.18	24.08	24.50
5	QPSK	1	12	ANT6	DSIO	24.02	24.04	23.98	24.50
5	QPSK	1	24	ANT6	DSIO	23.91	24.10	24.10	24.50
5	QPSK	12	0	ANT6	DSIO	22.97	23.19	23.12	23.50
5	QPSK	12	6	ANT6	DSIO	23.13	23.04	22.95	23.50
5	QPSK	12	13	ANT6	DSIO	23.08	22.99	23.01	23.50
5	QPSK	25	0	ANT6	DSIO	23.01	23.06	23.03	23.50
5	16QAM	1	0	ANT6	DSIO	23.27	23.45	23.32	24.00
5	16QAM	1	12	ANT6	DSIO	23.41	23.56	23.38	24.00
5	16QAM	1	24	ANT6	DSIO	23.31	23.51	23.39	24.00
5	16QAM	12	0	ANT6	DSIO	22.00	21.96	21.84	22.50
5	16QAM	12	6	ANT6	DSIO	21.94	22.07	21.89	22.50
5	16QAM	12	13	ANT6	DSIO	22.06	22.12	22.10	22.50
5	16QAM	25	0	ANT6	DSIO	21.90	22.04	21.95	22.50
5	64QAM	1	0	ANT6	DSIO	22.36	22.52	22.43	23.00
5	64QAM	1	12	ANT6	DSIO	22.58	22.64	22.64	23.00
5	64QAM	1	24	ANT6	DSIO	22.59	22.71	22.61	23.00
5	64QAM	12	0	ANT6	DSIO	20.93	20.93	20.85	21.50
5	64QAM	12	6	ANT6	DSIO	20.84	21.02	20.85	21.50
5	64QAM	12	13	ANT6	DSIO	20.98	21.06	21.00	21.50
5	64QAM	25	0	ANT6	DSIO	20.93	20.98	20.84	21.50
5	256QAM	1	0	ANT6	DSIO	19.20	19.33	19.23	19.50
5	256QAM	1	12	ANT6	DSIO	19.24	19.32	19.30	19.50
5	256QAM	1	24	ANT6	DSIO	19.33	19.34	19.43	19.50
5	256QAM	12	0	ANT6	DSIO	19.23	19.32	19.27	19.50
5	256QAM	12	6	ANT6	DSIO	19.18	19.25	19.16	19.50
5	256QAM	12	13	ANT6	DSIO	19.16	19.31	19.08	19.50
5	256QAM	25	0	ANT6	DSIO	19.09	19.26	19.21	19.50

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26090	26365	26640	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSIO	24.11	24.09	24.06	24.50
10	QPSK	1	24	ANT6	DSIO	24.04	24.05	24.03	24.50
10	QPSK	1	49	ANT6	DSIO	23.95	24.08	24.06	24.50
10	QPSK	25	0	ANT6	DSIO	22.99	23.20	23.03	23.50
10	QPSK	25	12	ANT6	DSIO	23.05	23.17	22.96	23.50
10	QPSK	25	25	ANT6	DSIO	23.08	23.12	23.01	23.50
10	QPSK	50	0	ANT6	DSIO	22.99	23.05	23.05	23.50
10	16QAM	1	0	ANT6	DSIO	23.29	23.43	23.24	24.00
10	16QAM	1	24	ANT6	DSIO	23.48	23.58	23.46	24.00
10	16QAM	1	49	ANT6	DSIO	23.40	23.48	23.41	24.00
10	16QAM	25	0	ANT6	DSIO	21.98	21.99	21.87	22.50
10	16QAM	25	12	ANT6	DSIO	21.94	22.06	22.03	22.50
10	16QAM	25	25	ANT6	DSIO	21.99	22.05	22.05	22.50
10	16QAM	50	0	ANT6	DSIO	21.97	22.10	21.94	22.50
10	64QAM	1	0	ANT6	DSIO	22.38	22.47	22.50	23.00
10	64QAM	1	24	ANT6	DSIO	22.49	22.64	22.58	23.00
10	64QAM	1	49	ANT6	DSIO	22.59	22.68	22.51	23.00
10	64QAM	25	0	ANT6	DSIO	20.91	21.01	20.91	21.50
10	64QAM	25	12	ANT6	DSIO	20.86	21.05	20.99	21.50
10	64QAM	25	25	ANT6	DSIO	20.99	21.03	21.08	21.50
10	64QAM	50	0	ANT6	DSIO	20.88	21.03	20.92	21.50
10	256QAM	1	0	ANT6	DSIO	19.28	19.28	19.14	19.50
10	256QAM	1	24	ANT6	DSIO	19.35	19.33	19.28	19.50
10	256QAM	1	49	ANT6	DSIO	19.27	19.37	19.36	19.50
10	256QAM	25	0	ANT6	DSIO	19.28	19.32	19.27	19.50
10	256QAM	25	12	ANT6	DSIO	19.25	19.27	19.14	19.50
10	256QAM	25	25	ANT6	DSIO	19.15	19.23	19.14	19.50
10	256QAM	50	0	ANT6	DSIO	19.13	19.24	19.10	19.50

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26115	26365	26615	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSIO	24.02	24.15	24.13	24.50
15	QPSK	1	37	ANT6	DSIO	23.91	24.12	23.98	24.50
15	QPSK	1	74	ANT6	DSIO	24.00	24.00	24.07	24.50
15	QPSK	36	0	ANT6	DSIO	23.05	23.22	23.13	23.50
15	QPSK	36	19	ANT6	DSIO	23.13	23.05	23.06	23.50
15	QPSK	36	39	ANT6	DSIO	23.04	23.08	22.99	23.50
15	QPSK	75	0	ANT6	DSIO	23.05	23.10	23.10	23.50
15	16QAM	1	0	ANT6	DSIO	23.30	23.34	23.28	24.00
15	16QAM	1	37	ANT6	DSIO	23.50	23.45	23.50	24.00
15	16QAM	1	74	ANT6	DSIO	23.34	23.55	23.44	24.00
15	16QAM	36	0	ANT6	DSIO	21.96	22.05	21.87	22.50
15	16QAM	36	19	ANT6	DSIO	21.91	22.08	21.91	22.50
15	16QAM	36	39	ANT6	DSIO	22.00	22.05	22.10	22.50
15	16QAM	75	0	ANT6	DSIO	21.87	21.98	21.94	22.50
15	64QAM	1	0	ANT6	DSIO	22.40	22.53	22.47	23.00
15	64QAM	1	37	ANT6	DSIO	22.54	22.66	22.55	23.00
15	64QAM	1	74	ANT6	DSIO	22.64	22.62	22.59	23.00
15	64QAM	36	0	ANT6	DSIO	20.79	21.05	20.83	21.50
15	64QAM	36	19	ANT6	DSIO	20.95	21.08	20.90	21.50
15	64QAM	36	39	ANT6	DSIO	21.05	21.12	21.02	21.50
15	64QAM	75	0	ANT6	DSIO	20.81	21.06	20.95	21.50
15	256QAM	1	0	ANT6	DSIO	19.22	19.27	19.12	19.50
15	256QAM	1	37	ANT6	DSIO	19.28	19.42	19.27	19.50
15	256QAM	1	74	ANT6	DSIO	19.32	19.32	19.40	19.50
15	256QAM	36	0	ANT6	DSIO	19.20	19.22	19.20	19.50
15	256QAM	36	19	ANT6	DSIO	19.14	19.29	19.14	19.50
15	256QAM	36	39	ANT6	DSIO	19.10	19.29	19.18	19.50
15	256QAM	75	0	ANT6	DSIO	19.09	19.21	19.17	19.50

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26140	26365	26590	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSIO	24.17	24.22	24.18	24.50
20	QPSK	1	49	ANT6	DSIO	24.05	24.17	24.12	24.50
20	QPSK	1	99	ANT6	DSIO	24.04	24.13	24.12	24.50
20	QPSK	50	0	ANT6	DSIO	23.11	23.24	23.16	23.50
20	QPSK	50	25	ANT6	DSIO	23.16	23.18	23.07	23.50
20	QPSK	50	50	ANT6	DSIO	23.09	23.13	23.12	23.50
20	QPSK	100	0	ANT6	DSIO	23.11	23.16	23.13	23.50
20	16QAM	1	0	ANT6	DSIO	23.32	23.46	23.37	24.00
20	16QAM	1	49	ANT6	DSIO	23.53	23.59	23.53	24.00
20	16QAM	1	99	ANT6	DSIO	23.45	23.59	23.53	24.00
20	16QAM	50	0	ANT6	DSIO	22.06	22.09	21.98	22.50
20	16QAM	50	25	ANT6	DSIO	22.00	22.15	22.04	22.50
20	16QAM	50	50	ANT6	DSIO	22.10	22.19	22.14	22.50
20	16QAM	100	0	ANT6	DSIO	22.02	22.11	22.02	22.50
20	64QAM	1	0	ANT6	DSIO	22.45	22.59	22.52	23.00
20	64QAM	1	49	ANT6	DSIO	22.61	22.72	22.67	23.00
20	64QAM	1	99	ANT6	DSIO	22.66	22.74	22.62	23.00
20	64QAM	50	0	ANT6	DSIO	20.94	21.07	20.94	21.50
20	64QAM	50	25	ANT6	DSIO	20.99	21.13	21.00	21.50
20	64QAM	50	50	ANT6	DSIO	21.09	21.14	21.09	21.50
20	64QAM	100	0	ANT6	DSIO	20.94	21.08	20.99	21.50
20	256QAM	1	0	ANT6	DSIO	19.33	19.39	19.26	19.50
20	256QAM	1	49	ANT6	DSIO	19.37	19.45	19.31	19.50
20	256QAM	1	99	ANT6	DSIO	19.41	19.47	19.45	19.50
20	256QAM	50	0	ANT6	DSIO	19.32	19.34	19.32	19.50
20	256QAM	50	25	ANT6	DSIO	19.29	19.36	19.26	19.50
20	256QAM	50	50	ANT6	DSIO	19.25	19.33	19.20	19.50
20	256QAM	100	0	ANT6	DSIO	19.18	19.31	19.23	19.50

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26047	26365	26683	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSI1	16.30	16.42	16.35	17.00
1.4	QPSK	1	2	ANT6	DSI1	16.22	16.29	16.23	17.00
1.4	QPSK	1	5	ANT6	DSI1	16.26	16.38	16.25	17.00
1.4	QPSK	3	0	ANT6	DSI1	16.27	16.27	16.11	17.00
1.4	QPSK	3	1	ANT6	DSI1	16.28	16.32	16.14	17.00
1.4	QPSK	3	3	ANT6	DSI1	16.12	16.28	16.28	17.00
1.4	QPSK	6	0	ANT6	DSI1	16.23	16.28	16.37	17.00
1.4	16QAM	1	0	ANT6	DSI1	16.15	16.21	16.20	17.00
1.4	16QAM	1	2	ANT6	DSI1	16.15	16.17	16.10	17.00
1.4	16QAM	1	5	ANT6	DSI1	16.19	16.16	16.10	17.00
1.4	16QAM	3	0	ANT6	DSI1	16.21	16.13	16.15	17.00
1.4	16QAM	3	1	ANT6	DSI1	16.12	16.18	16.13	17.00
1.4	16QAM	3	3	ANT6	DSI1	16.13	16.17	15.98	17.00
1.4	16QAM	6	0	ANT6	DSI1	15.93	16.07	16.10	17.00
1.4	64QAM	1	0	ANT6	DSI1	16.09	16.20	16.02	17.00
1.4	64QAM	1	2	ANT6	DSI1	16.05	16.14	16.22	17.00
1.4	64QAM	1	5	ANT6	DSI1	16.04	16.09	16.08	17.00
1.4	64QAM	3	0	ANT6	DSI1	16.23	16.29	16.13	17.00
1.4	64QAM	3	1	ANT6	DSI1	16.05	16.16	16.17	17.00
1.4	64QAM	3	3	ANT6	DSI1	15.92	16.18	16.03	17.00
1.4	64QAM	6	0	ANT6	DSI1	16.11	16.16	16.07	17.00
1.4	256QAM	1	0	ANT6	DSI1	16.05	16.16	16.01	17.00
1.4	256QAM	1	2	ANT6	DSI1	15.93	16.07	16.08	17.00
1.4	256QAM	1	5	ANT6	DSI1	16.00	16.09	16.08	17.00
1.4	256QAM	3	0	ANT6	DSI1	16.08	16.21	16.06	17.00
1.4	256QAM	3	1	ANT6	DSI1	15.98	16.10	15.99	17.00
1.4	256QAM	3	3	ANT6	DSI1	16.13	16.29	16.17	17.00
1.4	256QAM	6	0	ANT6	DSI1	16.10	16.31	16.11	17.00

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26055	26365	26675	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSI1	16.33	16.39	16.36	17.00
3	QPSK	1	7	ANT6	DSI1	16.25	16.33	16.17	17.00
3	QPSK	1	14	ANT6	DSI1	16.23	16.30	16.25	17.00
3	QPSK	8	0	ANT6	DSI1	16.21	16.19	16.22	17.00
3	QPSK	8	3	ANT6	DSI1	16.16	16.29	16.10	17.00
3	QPSK	8	7	ANT6	DSI1	16.19	16.28	16.22	17.00
3	QPSK	15	0	ANT6	DSI1	16.18	16.28	16.39	17.00
3	16QAM	1	0	ANT6	DSI1	16.02	16.22	16.10	17.00
3	16QAM	1	7	ANT6	DSI1	16.15	16.14	16.13	17.00
3	16QAM	1	14	ANT6	DSI1	16.10	16.19	16.15	17.00
3	16QAM	8	0	ANT6	DSI1	16.10	16.19	16.16	17.00
3	16QAM	8	3	ANT6	DSI1	16.15	16.25	16.08	17.00
3	16QAM	8	7	ANT6	DSI1	16.15	16.12	16.09	17.00
3	16QAM	15	0	ANT6	DSI1	16.02	16.09	16.04	17.00
3	64QAM	1	0	ANT6	DSI1	16.09	16.14	16.03	17.00
3	64QAM	1	7	ANT6	DSI1	15.99	16.19	16.11	17.00
3	64QAM	1	14	ANT6	DSI1	15.97	16.12	15.96	17.00
3	64QAM	8	0	ANT6	DSI1	16.17	16.26	16.19	17.00
3	64QAM	8	3	ANT6	DSI1	16.04	16.21	16.08	17.00
3	64QAM	8	7	ANT6	DSI1	16.06	16.08	16.06	17.00
3	64QAM	15	0	ANT6	DSI1	16.07	16.17	16.09	17.00
3	256QAM	1	0	ANT6	DSI1	16.03	16.07	16.01	17.00
3	256QAM	1	7	ANT6	DSI1	16.01	16.11	16.06	17.00
3	256QAM	1	14	ANT6	DSI1	15.93	16.02	16.04	17.00
3	256QAM	8	0	ANT6	DSI1	16.01	16.21	16.04	17.00
3	256QAM	8	3	ANT6	DSI1	16.02	16.03	15.96	17.00
3	256QAM	8	7	ANT6	DSI1	16.04	16.17	16.14	17.00
3	256QAM	15	0	ANT6	DSI1	16.21	16.23	16.15	17.00

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26065	26365	26665	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSI1	16.38	16.40	16.41	17.00
5	QPSK	1	12	ANT6	DSI1	16.32	16.32	16.13	17.00
5	QPSK	1	24	ANT6	DSI1	16.18	16.32	16.35	17.00
5	QPSK	12	0	ANT6	DSI1	16.19	16.32	16.15	17.00
5	QPSK	12	6	ANT6	DSI1	16.14	16.32	16.05	17.00
5	QPSK	12	13	ANT6	DSI1	16.23	16.26	16.27	17.00
5	QPSK	25	0	ANT6	DSI1	16.26	16.29	16.27	17.00
5	16QAM	1	0	ANT6	DSI1	16.03	16.15	16.08	17.00
5	16QAM	1	12	ANT6	DSI1	16.21	16.16	16.06	17.00
5	16QAM	1	24	ANT6	DSI1	16.17	16.17	16.20	17.00
5	16QAM	12	0	ANT6	DSI1	16.22	16.09	16.17	17.00
5	16QAM	12	6	ANT6	DSI1	16.12	16.24	16.07	17.00
5	16QAM	12	13	ANT6	DSI1	16.15	16.10	16.09	17.00
5	16QAM	25	0	ANT6	DSI1	16.02	16.09	15.98	17.00
5	64QAM	1	0	ANT6	DSI1	16.09	16.19	15.99	17.00
5	64QAM	1	12	ANT6	DSI1	16.03	16.14	16.18	17.00
5	64QAM	1	24	ANT6	DSI1	16.04	16.10	16.03	17.00
5	64QAM	12	0	ANT6	DSI1	16.19	16.26	16.20	17.00
5	64QAM	12	6	ANT6	DSI1	16.06	16.20	16.16	17.00
5	64QAM	12	13	ANT6	DSI1	16.04	16.12	16.00	17.00
5	64QAM	25	0	ANT6	DSI1	16.14	16.11	15.96	17.00
5	256QAM	1	0	ANT6	DSI1	16.10	16.04	16.07	17.00
5	256QAM	1	12	ANT6	DSI1	16.00	16.07	16.15	17.00
5	256QAM	1	24	ANT6	DSI1	15.96	16.15	16.01	17.00
5	256QAM	12	0	ANT6	DSI1	16.08	16.17	16.13	17.00
5	256QAM	12	6	ANT6	DSI1	16.00	16.02	15.88	17.00
5	256QAM	12	13	ANT6	DSI1	16.03	16.17	16.14	17.00
5	256QAM	25	0	ANT6	DSI1	16.09	16.25	16.23	17.00

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26090	26365	26640	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSI1	16.34	16.41	16.30	17.00
10	QPSK	1	24	ANT6	DSI1	16.25	16.37	16.15	17.00
10	QPSK	1	49	ANT6	DSI1	16.17	16.37	16.36	17.00
10	QPSK	25	0	ANT6	DSI1	16.22	16.32	16.17	17.00
10	QPSK	25	12	ANT6	DSI1	16.17	16.26	16.10	17.00
10	QPSK	25	25	ANT6	DSI1	16.20	16.28	16.22	17.00
10	QPSK	50	0	ANT6	DSI1	16.23	16.34	16.39	17.00
10	16QAM	1	0	ANT6	DSI1	16.12	16.14	16.07	17.00
10	16QAM	1	24	ANT6	DSI1	16.16	16.23	16.09	17.00
10	16QAM	1	49	ANT6	DSI1	16.10	16.23	16.12	17.00
10	16QAM	25	0	ANT6	DSI1	16.13	16.12	16.05	17.00
10	16QAM	25	12	ANT6	DSI1	16.10	16.29	16.18	17.00
10	16QAM	25	25	ANT6	DSI1	16.08	16.07	15.98	17.00
10	16QAM	50	0	ANT6	DSI1	15.91	16.14	15.97	17.00
10	64QAM	1	0	ANT6	DSI1	16.17	16.17	15.98	17.00
10	64QAM	1	24	ANT6	DSI1	16.05	16.19	16.15	17.00
10	64QAM	1	49	ANT6	DSI1	15.96	16.11	16.00	17.00
10	64QAM	25	0	ANT6	DSI1	16.11	16.29	16.18	17.00
10	64QAM	25	12	ANT6	DSI1	16.04	16.10	16.07	17.00
10	64QAM	25	25	ANT6	DSI1	15.99	16.18	16.10	17.00
10	64QAM	50	0	ANT6	DSI1	16.08	16.13	16.05	17.00
10	256QAM	1	0	ANT6	DSI1	16.09	16.12	16.04	17.00
10	256QAM	1	24	ANT6	DSI1	15.93	16.17	16.06	17.00
10	256QAM	1	49	ANT6	DSI1	15.92	16.05	16.02	17.00
10	256QAM	25	0	ANT6	DSI1	15.99	16.17	16.06	17.00
10	256QAM	25	12	ANT6	DSI1	15.94	15.98	15.99	17.00
10	256QAM	25	25	ANT6	DSI1	16.08	16.27	16.28	17.00
10	256QAM	50	0	ANT6	DSI1	16.10	16.24	16.20	17.00

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26115	26365	26615	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSI1	16.36	16.35	16.40	17.00
15	QPSK	1	37	ANT6	DSI1	16.29	16.36	16.23	17.00
15	QPSK	1	74	ANT6	DSI1	16.25	16.36	16.31	17.00
15	QPSK	36	0	ANT6	DSI1	16.16	16.30	16.10	17.00
15	QPSK	36	19	ANT6	DSI1	16.20	16.31	16.17	17.00
15	QPSK	36	39	ANT6	DSI1	16.18	16.29	16.27	17.00
15	QPSK	75	0	ANT6	DSI1	16.31	16.32	16.30	17.00
15	16QAM	1	0	ANT6	DSI1	16.03	16.12	16.12	17.00
15	16QAM	1	37	ANT6	DSI1	16.19	16.14	16.09	17.00
15	16QAM	1	74	ANT6	DSI1	16.14	16.19	16.14	17.00
15	16QAM	36	0	ANT6	DSI1	16.13	16.17	16.16	17.00
15	16QAM	36	19	ANT6	DSI1	16.20	16.26	16.16	17.00
15	16QAM	36	39	ANT6	DSI1	16.07	16.20	15.98	17.00
15	16QAM	75	0	ANT6	DSI1	16.03	16.05	16.06	17.00
15	64QAM	1	0	ANT6	DSI1	16.08	16.11	16.04	17.00
15	64QAM	1	37	ANT6	DSI1	15.99	16.13	16.19	17.00
15	64QAM	1	74	ANT6	DSI1	16.01	16.10	16.01	17.00
15	64QAM	36	0	ANT6	DSI1	16.20	16.22	16.09	17.00
15	64QAM	36	19	ANT6	DSI1	16.06	16.22	16.11	17.00
15	64QAM	36	39	ANT6	DSI1	15.96	16.12	16.08	17.00
15	64QAM	75	0	ANT6	DSI1	16.06	16.13	15.97	17.00
15	256QAM	1	0	ANT6	DSI1	16.05	16.15	16.07	17.00
15	256QAM	1	37	ANT6	DSI1	15.92	16.15	16.09	17.00
15	256QAM	1	74	ANT6	DSI1	16.02	16.11	16.08	17.00
15	256QAM	36	0	ANT6	DSI1	16.00	16.10	16.06	17.00
15	256QAM	36	19	ANT6	DSI1	15.96	16.06	15.98	17.00
15	256QAM	36	39	ANT6	DSI1	16.06	16.31	16.25	17.00
15	256QAM	75	0	ANT6	DSI1	16.23	16.31	16.19	17.00

Band				LTE B25					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26140	26365	26590	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSI1	16.42	16.47	16.43	17.00
20	QPSK	1	49	ANT6	DSI1	16.36	16.38	16.25	17.00
20	QPSK	1	99	ANT6	DSI1	16.32	16.41	16.39	17.00
20	QPSK	50	0	ANT6	DSI1	16.31	16.34	16.23	17.00
20	QPSK	50	25	ANT6	DSI1	16.29	16.33	16.20	17.00
20	QPSK	50	50	ANT6	DSI1	16.26	16.31	16.29	17.00
20	QPSK	100	0	ANT6	DSI1	16.32	16.43	16.41	17.00
20	16QAM	1	0	ANT6	DSI1	16.17	16.27	16.21	17.00
20	16QAM	1	49	ANT6	DSI1	16.23	16.28	16.17	17.00
20	16QAM	1	99	ANT6	DSI1	16.24	16.26	16.24	17.00
20	16QAM	50	0	ANT6	DSI1	16.23	16.24	16.18	17.00
20	16QAM	50	25	ANT6	DSI1	16.21	16.30	16.19	17.00
20	16QAM	50	50	ANT6	DSI1	16.17	16.21	16.10	17.00
20	16QAM	100	0	ANT6	DSI1	16.05	16.19	16.11	17.00
20	64QAM	1	0	ANT6	DSI1	16.23	16.24	16.12	17.00
20	64QAM	1	49	ANT6	DSI1	16.11	16.26	16.23	17.00
20	64QAM	1	99	ANT6	DSI1	16.07	16.18	16.09	17.00
20	64QAM	50	0	ANT6	DSI1	16.24	16.30	16.24	17.00
20	64QAM	50	25	ANT6	DSI1	16.10	16.24	16.21	17.00
20	64QAM	50	50	ANT6	DSI1	16.07	16.21	16.12	17.00
20	64QAM	100	0	ANT6	DSI1	16.15	16.22	16.10	17.00
20	256QAM	1	0	ANT6	DSI1	16.15	16.19	16.11	17.00
20	256QAM	1	49	ANT6	DSI1	16.05	16.20	16.17	17.00
20	256QAM	1	99	ANT6	DSI1	16.07	16.16	16.10	17.00
20	256QAM	50	0	ANT6	DSI1	16.14	16.25	16.14	17.00
20	256QAM	50	25	ANT6	DSI1	16.07	16.13	16.02	17.00
20	256QAM	50	50	ANT6	DSI1	16.17	16.32	16.29	17.00
20	256QAM	100	0	ANT6	DSI1	16.24	16.34	16.26	17.00

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26047	26365	26683	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSIO	21.10	21.16	21.02	21.50
1.4	QPSK	1	2	ANT6	DSIO	21.00	21.13	21.02	21.50
1.4	QPSK	1	5	ANT6	DSIO	21.02	21.11	21.05	21.50
1.4	QPSK	3	0	ANT6	DSIO	21.03	21.14	20.99	21.50
1.4	QPSK	3	1	ANT6	DSIO	21.09	21.10	21.07	21.50
1.4	QPSK	3	3	ANT6	DSIO	21.00	21.08	21.03	21.50
1.4	QPSK	6	0	ANT6	DSIO	20.04	20.06	19.93	20.50
1.4	16QAM	1	0	ANT6	DSIO	20.41	20.50	20.46	21.00
1.4	16QAM	1	2	ANT6	DSIO	20.39	20.50	20.38	21.00
1.4	16QAM	1	5	ANT6	DSIO	20.43	20.49	20.45	21.00
1.4	16QAM	3	0	ANT6	DSIO	20.19	20.26	20.17	21.00
1.4	16QAM	3	1	ANT6	DSIO	20.20	20.27	20.12	21.00
1.4	16QAM	3	3	ANT6	DSIO	20.22	20.28	20.27	21.00
1.4	16QAM	6	0	ANT6	DSIO	18.91	18.95	18.81	19.50
1.4	64QAM	1	0	ANT6	DSIO	19.17	19.21	19.13	20.00
1.4	64QAM	1	2	ANT6	DSIO	19.17	19.27	19.24	20.00
1.4	64QAM	1	5	ANT6	DSIO	19.16	19.19	19.11	20.00
1.4	64QAM	3	0	ANT6	DSIO	19.01	19.14	19.12	20.00
1.4	64QAM	3	1	ANT6	DSIO	19.10	19.16	19.04	20.00
1.4	64QAM	3	3	ANT6	DSIO	19.03	19.15	19.03	20.00
1.4	64QAM	6	0	ANT6	DSIO	18.28	18.29	18.25	18.50
1.4	256QAM	1	0	ANT6	DSIO	16.10	16.14	16.00	16.50
1.4	256QAM	1	2	ANT6	DSIO	15.98	16.11	16.09	16.50
1.4	256QAM	1	5	ANT6	DSIO	15.98	16.12	16.05	16.50
1.4	256QAM	3	0	ANT6	DSIO	16.19	16.28	16.14	16.50
1.4	256QAM	3	1	ANT6	DSIO	16.19	16.32	16.23	16.50
1.4	256QAM	3	3	ANT6	DSIO	16.20	16.31	16.19	16.50
1.4	256QAM	6	0	ANT6	DSIO	16.12	16.27	16.19	16.50

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26055	26365	26675	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSIO	21.13	21.15	21.14	21.50
3	QPSK	1	7	ANT6	DSIO	20.96	21.13	21.11	21.50
3	QPSK	1	14	ANT6	DSIO	20.93	21.02	21.02	21.50
3	QPSK	8	0	ANT6	DSIO	20.05	20.10	20.14	20.50
3	QPSK	8	3	ANT6	DSIO	20.11	20.17	19.95	20.50
3	QPSK	8	7	ANT6	DSIO	19.94	20.05	20.11	20.50
3	QPSK	15	0	ANT6	DSIO	19.99	20.12	19.99	20.50
3	16QAM	1	0	ANT6	DSIO	20.17	20.39	20.29	21.00
3	16QAM	1	7	ANT6	DSIO	20.40	20.48	20.49	21.00
3	16QAM	1	14	ANT6	DSIO	20.40	20.52	20.50	21.00
3	16QAM	8	0	ANT6	DSIO	19.01	19.00	18.88	19.50
3	16QAM	8	3	ANT6	DSIO	18.98	19.04	19.02	19.50
3	16QAM	8	7	ANT6	DSIO	19.06	19.08	19.10	19.50
3	16QAM	15	0	ANT6	DSIO	18.99	18.98	19.01	19.50
3	64QAM	1	0	ANT6	DSIO	19.40	19.57	19.51	20.00
3	64QAM	1	7	ANT6	DSIO	19.60	19.68	19.62	20.00
3	64QAM	1	14	ANT6	DSIO	19.51	19.59	19.52	20.00
3	64QAM	8	0	ANT6	DSIO	17.79	17.94	17.88	18.50
3	64QAM	8	3	ANT6	DSIO	17.89	18.04	17.97	18.50
3	64QAM	8	7	ANT6	DSIO	18.05	18.03	18.08	18.50
3	64QAM	15	0	ANT6	DSIO	17.91	17.99	17.93	18.50
3	256QAM	1	0	ANT6	DSIO	16.32	16.34	16.19	16.50
3	256QAM	1	7	ANT6	DSIO	16.27	16.30	16.25	16.50
3	256QAM	1	14	ANT6	DSIO	16.33	16.42	16.32	16.50
3	256QAM	8	0	ANT6	DSIO	16.29	16.30	16.25	16.50
3	256QAM	8	3	ANT6	DSIO	16.24	16.25	16.23	16.50
3	256QAM	8	7	ANT6	DSIO	16.19	16.28	16.14	16.50
3	256QAM	15	0	ANT6	DSIO	16.17	16.19	16.22	16.50

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26065	26365	26665	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSIO	21.02	21.18	21.08	21.50
5	QPSK	1	12	ANT6	DSIO	21.02	21.04	20.98	21.50
5	QPSK	1	24	ANT6	DSIO	20.91	21.10	21.10	21.50
5	QPSK	12	0	ANT6	DSIO	19.97	20.19	20.12	20.50
5	QPSK	12	6	ANT6	DSIO	20.13	20.04	19.95	20.50
5	QPSK	12	13	ANT6	DSIO	20.08	19.99	20.01	20.50
5	QPSK	25	0	ANT6	DSIO	20.01	20.06	20.03	20.50
5	16QAM	1	0	ANT6	DSIO	20.27	20.45	20.32	21.00
5	16QAM	1	12	ANT6	DSIO	20.41	20.56	20.38	21.00
5	16QAM	1	24	ANT6	DSIO	20.31	20.51	20.39	21.00
5	16QAM	12	0	ANT6	DSIO	19.00	18.96	18.84	19.50
5	16QAM	12	6	ANT6	DSIO	18.94	19.07	18.89	19.50
5	16QAM	12	13	ANT6	DSIO	19.06	19.12	19.10	19.50
5	16QAM	25	0	ANT6	DSIO	18.90	19.04	18.95	19.50
5	64QAM	1	0	ANT6	DSIO	19.36	19.52	19.43	20.00
5	64QAM	1	12	ANT6	DSIO	19.58	19.64	19.64	20.00
5	64QAM	1	24	ANT6	DSIO	19.59	19.71	19.61	20.00
5	64QAM	12	0	ANT6	DSIO	17.93	17.93	17.85	18.50
5	64QAM	12	6	ANT6	DSIO	17.84	18.02	17.85	18.50
5	64QAM	12	13	ANT6	DSIO	17.98	18.06	18.00	18.50
5	64QAM	25	0	ANT6	DSIO	17.93	17.98	17.84	18.50
5	256QAM	1	0	ANT6	DSIO	16.20	16.33	16.23	16.50
5	256QAM	1	12	ANT6	DSIO	16.24	16.32	16.30	16.50
5	256QAM	1	24	ANT6	DSIO	16.33	16.34	16.43	16.50
5	256QAM	12	0	ANT6	DSIO	16.23	16.32	16.27	16.50
5	256QAM	12	6	ANT6	DSIO	16.18	16.25	16.16	16.50
5	256QAM	12	13	ANT6	DSIO	16.16	16.31	16.08	16.50
5	256QAM	25	0	ANT6	DSIO	16.09	16.26	16.21	16.50

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26090	26365	26640	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSIO	21.11	21.09	21.06	21.50
10	QPSK	1	24	ANT6	DSIO	21.04	21.05	21.03	21.50
10	QPSK	1	49	ANT6	DSIO	20.95	21.08	21.06	21.50
10	QPSK	25	0	ANT6	DSIO	19.99	20.20	20.03	20.50
10	QPSK	25	12	ANT6	DSIO	20.05	20.17	19.96	20.50
10	QPSK	25	25	ANT6	DSIO	20.08	20.12	20.01	20.50
10	QPSK	50	0	ANT6	DSIO	19.99	20.05	20.05	20.50
10	16QAM	1	0	ANT6	DSIO	20.29	20.43	20.24	21.00
10	16QAM	1	24	ANT6	DSIO	20.48	20.58	20.46	21.00
10	16QAM	1	49	ANT6	DSIO	20.40	20.48	20.41	21.00
10	16QAM	25	0	ANT6	DSIO	18.98	18.99	18.87	19.50
10	16QAM	25	12	ANT6	DSIO	18.94	19.06	19.03	19.50
10	16QAM	25	25	ANT6	DSIO	18.99	19.05	19.05	19.50
10	16QAM	50	0	ANT6	DSIO	18.97	19.10	18.94	19.50
10	64QAM	1	0	ANT6	DSIO	19.38	19.47	19.50	20.00
10	64QAM	1	24	ANT6	DSIO	19.49	19.64	19.58	20.00
10	64QAM	1	49	ANT6	DSIO	19.59	19.68	19.51	20.00
10	64QAM	25	0	ANT6	DSIO	17.91	18.01	17.91	18.50
10	64QAM	25	12	ANT6	DSIO	17.86	18.05	17.99	18.50
10	64QAM	25	25	ANT6	DSIO	17.99	18.03	18.08	18.50
10	64QAM	50	0	ANT6	DSIO	17.88	18.03	17.92	18.50
10	256QAM	1	0	ANT6	DSIO	16.28	16.28	16.14	16.50
10	256QAM	1	24	ANT6	DSIO	16.35	16.33	16.28	16.50
10	256QAM	1	49	ANT6	DSIO	16.27	16.37	16.36	16.50
10	256QAM	25	0	ANT6	DSIO	16.28	16.32	16.27	16.50
10	256QAM	25	12	ANT6	DSIO	16.25	16.27	16.14	16.50
10	256QAM	25	25	ANT6	DSIO	16.15	16.23	16.14	16.50
10	256QAM	50	0	ANT6	DSIO	16.13	16.24	16.10	16.50

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26115	26365	26615	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSIO	21.02	21.15	21.13	21.50
15	QPSK	1	37	ANT6	DSIO	20.91	21.12	20.98	21.50
15	QPSK	1	74	ANT6	DSIO	21.00	21.00	21.07	21.50
15	QPSK	36	0	ANT6	DSIO	20.05	20.22	20.13	20.50
15	QPSK	36	19	ANT6	DSIO	20.13	20.05	20.06	20.50
15	QPSK	36	39	ANT6	DSIO	20.04	20.08	19.99	20.50
15	QPSK	75	0	ANT6	DSIO	20.05	20.10	20.10	20.50
15	16QAM	1	0	ANT6	DSIO	20.30	20.34	20.28	21.00
15	16QAM	1	37	ANT6	DSIO	20.50	20.45	20.50	21.00
15	16QAM	1	74	ANT6	DSIO	20.34	20.55	20.44	21.00
15	16QAM	36	0	ANT6	DSIO	18.96	19.05	18.87	19.50
15	16QAM	36	19	ANT6	DSIO	18.91	19.08	18.91	19.50
15	16QAM	36	39	ANT6	DSIO	19.00	19.05	19.10	19.50
15	16QAM	75	0	ANT6	DSIO	18.87	18.98	18.94	19.50
15	64QAM	1	0	ANT6	DSIO	19.40	19.53	19.47	20.00
15	64QAM	1	37	ANT6	DSIO	19.54	19.66	19.55	20.00
15	64QAM	1	74	ANT6	DSIO	19.64	19.62	19.59	20.00
15	64QAM	36	0	ANT6	DSIO	17.79	18.05	17.83	18.50
15	64QAM	36	19	ANT6	DSIO	17.95	18.08	17.90	18.50
15	64QAM	36	39	ANT6	DSIO	18.05	18.12	18.02	18.50
15	64QAM	75	0	ANT6	DSIO	17.81	18.06	17.95	18.50
15	256QAM	1	0	ANT6	DSIO	16.22	16.27	16.12	16.50
15	256QAM	1	37	ANT6	DSIO	16.28	16.42	16.27	16.50
15	256QAM	1	74	ANT6	DSIO	16.32	16.32	16.40	16.50
15	256QAM	36	0	ANT6	DSIO	16.20	16.22	16.20	16.50
15	256QAM	36	19	ANT6	DSIO	16.14	16.29	16.14	16.50
15	256QAM	36	39	ANT6	DSIO	16.10	16.29	16.18	16.50
15	256QAM	75	0	ANT6	DSIO	16.09	16.21	16.17	16.50

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26140	26365	26590	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSIO	21.17	21.22	21.18	21.50
20	QPSK	1	49	ANT6	DSIO	21.05	21.17	21.12	21.50
20	QPSK	1	99	ANT6	DSIO	21.04	21.13	21.12	21.50
20	QPSK	50	0	ANT6	DSIO	20.11	20.24	20.16	20.50
20	QPSK	50	25	ANT6	DSIO	20.16	20.18	20.07	20.50
20	QPSK	50	50	ANT6	DSIO	20.09	20.13	20.12	20.50
20	QPSK	100	0	ANT6	DSIO	20.11	20.16	20.13	20.50
20	16QAM	1	0	ANT6	DSIO	20.32	20.46	20.37	21.00
20	16QAM	1	49	ANT6	DSIO	20.53	20.59	20.53	21.00
20	16QAM	1	99	ANT6	DSIO	20.45	20.59	20.53	21.00
20	16QAM	50	0	ANT6	DSIO	19.06	19.09	18.98	19.50
20	16QAM	50	25	ANT6	DSIO	19.00	19.15	19.04	19.50
20	16QAM	50	50	ANT6	DSIO	19.10	19.19	19.14	19.50
20	16QAM	100	0	ANT6	DSIO	19.02	19.11	19.02	19.50
20	64QAM	1	0	ANT6	DSIO	19.45	19.59	19.52	20.00
20	64QAM	1	49	ANT6	DSIO	19.61	19.72	19.67	20.00
20	64QAM	1	99	ANT6	DSIO	19.66	19.74	19.62	20.00
20	64QAM	50	0	ANT6	DSIO	17.94	18.07	17.94	18.50
20	64QAM	50	25	ANT6	DSIO	17.99	18.13	18.00	18.50
20	64QAM	50	50	ANT6	DSIO	18.09	18.14	18.09	18.50
20	64QAM	100	0	ANT6	DSIO	17.94	18.08	17.99	18.50
20	256QAM	1	0	ANT6	DSIO	16.33	16.39	16.26	16.50
20	256QAM	1	49	ANT6	DSIO	16.37	16.45	16.31	16.50
20	256QAM	1	99	ANT6	DSIO	16.41	16.47	16.45	16.50
20	256QAM	50	0	ANT6	DSIO	16.32	16.34	16.32	16.50
20	256QAM	50	25	ANT6	DSIO	16.29	16.36	16.26	16.50
20	256QAM	50	50	ANT6	DSIO	16.25	16.33	16.20	16.50
20	256QAM	100	0	ANT6	DSIO	16.18	16.31	16.23	16.50

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26047	26365	26683	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSI1	13.30	13.42	13.35	14.00
1.4	QPSK	1	2	ANT6	DSI1	13.22	13.29	13.23	14.00
1.4	QPSK	1	5	ANT6	DSI1	13.26	13.38	13.25	14.00
1.4	QPSK	3	0	ANT6	DSI1	13.27	13.27	13.11	14.00
1.4	QPSK	3	1	ANT6	DSI1	13.28	13.32	13.14	14.00
1.4	QPSK	3	3	ANT6	DSI1	13.12	13.28	13.28	14.00
1.4	QPSK	6	0	ANT6	DSI1	13.23	13.28	13.37	14.00
1.4	16QAM	1	0	ANT6	DSI1	13.15	13.21	13.20	14.00
1.4	16QAM	1	2	ANT6	DSI1	13.15	13.17	13.10	14.00
1.4	16QAM	1	5	ANT6	DSI1	13.19	13.16	13.10	14.00
1.4	16QAM	3	0	ANT6	DSI1	13.21	13.13	13.15	14.00
1.4	16QAM	3	1	ANT6	DSI1	13.12	13.18	13.13	14.00
1.4	16QAM	3	3	ANT6	DSI1	13.13	13.17	12.98	14.00
1.4	16QAM	6	0	ANT6	DSI1	12.93	13.07	13.10	14.00
1.4	64QAM	1	0	ANT6	DSI1	13.09	13.20	13.02	14.00
1.4	64QAM	1	2	ANT6	DSI1	13.05	13.14	13.22	14.00
1.4	64QAM	1	5	ANT6	DSI1	13.04	13.09	13.08	14.00
1.4	64QAM	3	0	ANT6	DSI1	13.23	13.29	13.13	14.00
1.4	64QAM	3	1	ANT6	DSI1	13.05	13.16	13.17	14.00
1.4	64QAM	3	3	ANT6	DSI1	12.92	13.18	13.03	14.00
1.4	64QAM	6	0	ANT6	DSI1	13.11	13.16	13.07	14.00
1.4	256QAM	1	0	ANT6	DSI1	13.05	13.16	13.01	14.00
1.4	256QAM	1	2	ANT6	DSI1	12.93	13.07	13.08	14.00
1.4	256QAM	1	5	ANT6	DSI1	13.00	13.09	13.08	14.00
1.4	256QAM	3	0	ANT6	DSI1	13.08	13.21	13.06	14.00
1.4	256QAM	3	1	ANT6	DSI1	12.98	13.10	12.99	14.00
1.4	256QAM	3	3	ANT6	DSI1	13.13	13.29	13.17	14.00
1.4	256QAM	6	0	ANT6	DSI1	13.10	13.31	13.11	14.00

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26055	26365	26675	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSI1	13.33	13.39	13.36	14.00
3	QPSK	1	7	ANT6	DSI1	13.25	13.33	13.17	14.00
3	QPSK	1	14	ANT6	DSI1	13.23	13.30	13.25	14.00
3	QPSK	8	0	ANT6	DSI1	13.21	13.19	13.22	14.00
3	QPSK	8	3	ANT6	DSI1	13.16	13.29	13.10	14.00
3	QPSK	8	7	ANT6	DSI1	13.19	13.28	13.22	14.00
3	QPSK	15	0	ANT6	DSI1	13.18	13.28	13.39	14.00
3	16QAM	1	0	ANT6	DSI1	13.02	13.22	13.10	14.00
3	16QAM	1	7	ANT6	DSI1	13.15	13.14	13.13	14.00
3	16QAM	1	14	ANT6	DSI1	13.10	13.19	13.15	14.00
3	16QAM	8	0	ANT6	DSI1	13.10	13.19	13.16	14.00
3	16QAM	8	3	ANT6	DSI1	13.15	13.25	13.08	14.00
3	16QAM	8	7	ANT6	DSI1	13.15	13.12	13.09	14.00
3	16QAM	15	0	ANT6	DSI1	13.02	13.09	13.04	14.00
3	64QAM	1	0	ANT6	DSI1	13.09	13.14	13.03	14.00
3	64QAM	1	7	ANT6	DSI1	12.99	13.19	13.11	14.00
3	64QAM	1	14	ANT6	DSI1	12.97	13.12	12.96	14.00
3	64QAM	8	0	ANT6	DSI1	13.17	13.26	13.19	14.00
3	64QAM	8	3	ANT6	DSI1	13.04	13.21	13.08	14.00
3	64QAM	8	7	ANT6	DSI1	13.06	13.08	13.06	14.00
3	64QAM	15	0	ANT6	DSI1	13.07	13.17	13.09	14.00
3	256QAM	1	0	ANT6	DSI1	13.03	13.07	13.01	14.00
3	256QAM	1	7	ANT6	DSI1	13.01	13.11	13.06	14.00
3	256QAM	1	14	ANT6	DSI1	12.93	13.02	13.04	14.00
3	256QAM	8	0	ANT6	DSI1	13.01	13.21	13.04	14.00
3	256QAM	8	3	ANT6	DSI1	13.02	13.03	12.96	14.00
3	256QAM	8	7	ANT6	DSI1	13.04	13.17	13.14	14.00
3	256QAM	15	0	ANT6	DSI1	13.21	13.23	13.15	14.00

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26065	26365	26665	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSI1	13.38	13.40	13.41	14.00
5	QPSK	1	12	ANT6	DSI1	13.32	13.32	13.13	14.00
5	QPSK	1	24	ANT6	DSI1	13.18	13.32	13.35	14.00
5	QPSK	12	0	ANT6	DSI1	13.19	13.32	13.15	14.00
5	QPSK	12	6	ANT6	DSI1	13.14	13.32	13.05	14.00
5	QPSK	12	13	ANT6	DSI1	13.23	13.26	13.27	14.00
5	QPSK	25	0	ANT6	DSI1	13.26	13.29	13.27	14.00
5	16QAM	1	0	ANT6	DSI1	13.03	13.15	13.08	14.00
5	16QAM	1	12	ANT6	DSI1	13.21	13.16	13.06	14.00
5	16QAM	1	24	ANT6	DSI1	13.17	13.17	13.20	14.00
5	16QAM	12	0	ANT6	DSI1	13.22	13.09	13.17	14.00
5	16QAM	12	6	ANT6	DSI1	13.12	13.24	13.07	14.00
5	16QAM	12	13	ANT6	DSI1	13.15	13.10	13.09	14.00
5	16QAM	25	0	ANT6	DSI1	13.02	13.09	12.98	14.00
5	64QAM	1	0	ANT6	DSI1	13.09	13.19	12.99	14.00
5	64QAM	1	12	ANT6	DSI1	13.03	13.14	13.18	14.00
5	64QAM	1	24	ANT6	DSI1	13.04	13.10	13.03	14.00
5	64QAM	12	0	ANT6	DSI1	13.19	13.26	13.20	14.00
5	64QAM	12	6	ANT6	DSI1	13.06	13.20	13.16	14.00
5	64QAM	12	13	ANT6	DSI1	13.04	13.12	13.00	14.00
5	64QAM	25	0	ANT6	DSI1	13.14	13.11	12.96	14.00
5	256QAM	1	0	ANT6	DSI1	13.10	13.04	13.07	14.00
5	256QAM	1	12	ANT6	DSI1	13.00	13.07	13.15	14.00
5	256QAM	1	24	ANT6	DSI1	12.96	13.15	13.01	14.00
5	256QAM	12	0	ANT6	DSI1	13.08	13.17	13.13	14.00
5	256QAM	12	6	ANT6	DSI1	13.00	13.02	12.88	14.00
5	256QAM	12	13	ANT6	DSI1	13.03	13.17	13.14	14.00
5	256QAM	25	0	ANT6	DSI1	13.09	13.25	13.23	14.00

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26090	26365	26640	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSI1	13.34	13.41	13.30	14.00
10	QPSK	1	24	ANT6	DSI1	13.25	13.37	13.15	14.00
10	QPSK	1	49	ANT6	DSI1	13.17	13.37	13.36	14.00
10	QPSK	25	0	ANT6	DSI1	13.22	13.32	13.17	14.00
10	QPSK	25	12	ANT6	DSI1	13.17	13.26	13.10	14.00
10	QPSK	25	25	ANT6	DSI1	13.20	13.28	13.22	14.00
10	QPSK	50	0	ANT6	DSI1	13.23	13.34	13.39	14.00
10	16QAM	1	0	ANT6	DSI1	13.12	13.14	13.07	14.00
10	16QAM	1	24	ANT6	DSI1	13.16	13.23	13.09	14.00
10	16QAM	1	49	ANT6	DSI1	13.10	13.23	13.12	14.00
10	16QAM	25	0	ANT6	DSI1	13.13	13.12	13.05	14.00
10	16QAM	25	12	ANT6	DSI1	13.10	13.29	13.18	14.00
10	16QAM	25	25	ANT6	DSI1	13.08	13.07	12.98	14.00
10	16QAM	50	0	ANT6	DSI1	12.91	13.14	12.97	14.00
10	64QAM	1	0	ANT6	DSI1	13.17	13.17	12.98	14.00
10	64QAM	1	24	ANT6	DSI1	13.05	13.19	13.15	14.00
10	64QAM	1	49	ANT6	DSI1	12.96	13.11	13.00	14.00
10	64QAM	25	0	ANT6	DSI1	13.11	13.29	13.18	14.00
10	64QAM	25	12	ANT6	DSI1	13.04	13.10	13.07	14.00
10	64QAM	25	25	ANT6	DSI1	12.99	13.18	13.10	14.00
10	64QAM	50	0	ANT6	DSI1	13.08	13.13	13.05	14.00
10	256QAM	1	0	ANT6	DSI1	13.09	13.12	13.04	14.00
10	256QAM	1	24	ANT6	DSI1	12.93	13.17	13.06	14.00
10	256QAM	1	49	ANT6	DSI1	12.92	13.05	13.02	14.00
10	256QAM	25	0	ANT6	DSI1	12.99	13.17	13.06	14.00
10	256QAM	25	12	ANT6	DSI1	12.94	12.98	12.99	14.00
10	256QAM	25	25	ANT6	DSI1	13.08	13.27	13.28	14.00
10	256QAM	50	0	ANT6	DSI1	13.10	13.24	13.20	14.00

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26115	26365	26615	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSI1	13.36	13.35	13.40	14.00
15	QPSK	1	37	ANT6	DSI1	13.29	13.36	13.23	14.00
15	QPSK	1	74	ANT6	DSI1	13.25	13.36	13.31	14.00
15	QPSK	36	0	ANT6	DSI1	13.16	13.30	13.10	14.00
15	QPSK	36	19	ANT6	DSI1	13.20	13.31	13.17	14.00
15	QPSK	36	39	ANT6	DSI1	13.18	13.29	13.27	14.00
15	QPSK	75	0	ANT6	DSI1	13.31	13.32	13.30	14.00
15	16QAM	1	0	ANT6	DSI1	13.03	13.12	13.12	14.00
15	16QAM	1	37	ANT6	DSI1	13.19	13.14	13.09	14.00
15	16QAM	1	74	ANT6	DSI1	13.14	13.19	13.14	14.00
15	16QAM	36	0	ANT6	DSI1	13.13	13.17	13.16	14.00
15	16QAM	36	19	ANT6	DSI1	13.20	13.26	13.16	14.00
15	16QAM	36	39	ANT6	DSI1	13.07	13.20	12.98	14.00
15	16QAM	75	0	ANT6	DSI1	13.03	13.05	13.06	14.00
15	64QAM	1	0	ANT6	DSI1	13.08	13.11	13.04	14.00
15	64QAM	1	37	ANT6	DSI1	12.99	13.13	13.19	14.00
15	64QAM	1	74	ANT6	DSI1	13.01	13.10	13.01	14.00
15	64QAM	36	0	ANT6	DSI1	13.20	13.22	13.09	14.00
15	64QAM	36	19	ANT6	DSI1	13.06	13.22	13.11	14.00
15	64QAM	36	39	ANT6	DSI1	12.96	13.12	13.08	14.00
15	64QAM	75	0	ANT6	DSI1	13.06	13.13	12.97	14.00
15	256QAM	1	0	ANT6	DSI1	13.05	13.15	13.07	14.00
15	256QAM	1	37	ANT6	DSI1	12.92	13.15	13.09	14.00
15	256QAM	1	74	ANT6	DSI1	13.02	13.11	13.08	14.00
15	256QAM	36	0	ANT6	DSI1	13.00	13.10	13.06	14.00
15	256QAM	36	19	ANT6	DSI1	12.96	13.06	12.98	14.00
15	256QAM	36	39	ANT6	DSI1	13.06	13.31	13.25	14.00
15	256QAM	75	0	ANT6	DSI1	13.23	13.31	13.19	14.00

Band				LTE B25-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26140	26365	26590	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSI1	13.42	13.47	13.43	14.00
20	QPSK	1	49	ANT6	DSI1	13.36	13.38	13.25	14.00
20	QPSK	1	99	ANT6	DSI1	13.32	13.41	13.39	14.00
20	QPSK	50	0	ANT6	DSI1	13.31	13.34	13.23	14.00
20	QPSK	50	25	ANT6	DSI1	13.29	13.33	13.20	14.00
20	QPSK	50	50	ANT6	DSI1	13.26	13.31	13.29	14.00
20	QPSK	100	0	ANT6	DSI1	13.32	13.43	13.41	14.00
20	16QAM	1	0	ANT6	DSI1	13.17	13.27	13.21	14.00
20	16QAM	1	49	ANT6	DSI1	13.23	13.28	13.17	14.00
20	16QAM	1	99	ANT6	DSI1	13.24	13.26	13.24	14.00
20	16QAM	50	0	ANT6	DSI1	13.23	13.24	13.18	14.00
20	16QAM	50	25	ANT6	DSI1	13.21	13.30	13.19	14.00
20	16QAM	50	50	ANT6	DSI1	13.17	13.21	13.10	14.00
20	16QAM	100	0	ANT6	DSI1	13.05	13.19	13.11	14.00
20	64QAM	1	0	ANT6	DSI1	13.23	13.24	13.12	14.00
20	64QAM	1	49	ANT6	DSI1	13.11	13.26	13.23	14.00
20	64QAM	1	99	ANT6	DSI1	13.07	13.18	13.09	14.00
20	64QAM	50	0	ANT6	DSI1	13.24	13.30	13.24	14.00
20	64QAM	50	25	ANT6	DSI1	13.10	13.24	13.21	14.00
20	64QAM	50	50	ANT6	DSI1	13.07	13.21	13.12	14.00
20	64QAM	100	0	ANT6	DSI1	13.15	13.22	13.10	14.00
20	256QAM	1	0	ANT6	DSI1	13.15	13.19	13.11	14.00
20	256QAM	1	49	ANT6	DSI1	13.05	13.20	13.17	14.00
20	256QAM	1	99	ANT6	DSI1	13.07	13.16	13.10	14.00
20	256QAM	50	0	ANT6	DSI1	13.14	13.25	13.14	14.00
20	256QAM	50	25	ANT6	DSI1	13.07	13.13	13.02	14.00
20	256QAM	50	50	ANT6	DSI1	13.17	13.32	13.29	14.00
20	256QAM	100	0	ANT6	DSI1	13.24	13.34	13.26	14.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26697	26865	27033	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSIO	23.51	23.56	23.53	24.00
1.4	QPSK	1	2	ANT2	DSIO	23.46	23.52	23.44	24.00
1.4	QPSK	1	5	ANT2	DSIO	23.33	23.48	23.47	24.00
1.4	QPSK	3	0	ANT2	DSIO	23.32	23.44	23.32	24.00
1.4	QPSK	3	1	ANT2	DSIO	23.32	23.44	23.35	24.00
1.4	QPSK	3	3	ANT2	DSIO	23.39	23.47	23.34	24.00
1.4	QPSK	6	0	ANT2	DSIO	22.45	22.49	22.40	23.00
1.4	16QAM	1	0	ANT2	DSIO	22.53	22.55	22.46	23.00
1.4	16QAM	1	2	ANT2	DSIO	22.66	22.68	22.56	23.00
1.4	16QAM	1	5	ANT2	DSIO	22.48	22.60	22.53	23.00
1.4	16QAM	3	0	ANT2	DSIO	22.39	22.52	22.45	23.00
1.4	16QAM	3	1	ANT2	DSIO	22.38	22.52	22.48	23.00
1.4	16QAM	3	3	ANT2	DSIO	22.49	22.53	22.51	23.00
1.4	16QAM	6	0	ANT2	DSIO	21.57	21.62	21.53	22.00
1.4	64QAM	1	0	ANT2	DSIO	21.88	21.90	21.80	22.00
1.4	64QAM	1	2	ANT2	DSIO	21.91	21.98	21.84	22.00
1.4	64QAM	1	5	ANT2	DSIO	21.73	21.85	21.78	22.00
1.4	64QAM	3	0	ANT2	DSIO	21.73	21.78	21.72	22.00
1.4	64QAM	3	1	ANT2	DSIO	21.63	21.73	21.68	22.00
1.4	64QAM	3	3	ANT2	DSIO	21.64	21.74	21.64	22.00
1.4	64QAM	6	0	ANT2	DSIO	20.34	20.41	20.34	21.00
1.4	256QAM	1	0	ANT2	DSIO	18.51	18.55	18.45	19.00
1.4	256QAM	1	2	ANT2	DSIO	18.48	18.59	18.52	19.00
1.4	256QAM	1	5	ANT2	DSIO	18.52	18.58	18.50	19.00
1.4	256QAM	3	0	ANT2	DSIO	18.50	18.59	18.48	19.00
1.4	256QAM	3	1	ANT2	DSIO	18.42	18.56	18.43	19.00
1.4	256QAM	3	3	ANT2	DSIO	18.52	18.57	18.45	19.00
1.4	256QAM	6	0	ANT2	DSIO	18.46	18.50	18.43	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26705	26865	27025	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSIO	23.37	23.46	23.44	24.00
3	QPSK	1	7	ANT2	DSIO	23.33	23.52	23.28	24.00
3	QPSK	1	14	ANT2	DSIO	23.19	23.42	23.34	24.00
3	QPSK	8	0	ANT2	DSIO	22.34	22.35	22.31	23.00
3	QPSK	8	3	ANT2	DSIO	22.33	22.30	22.24	23.00
3	QPSK	8	7	ANT2	DSIO	22.30	22.37	22.23	23.00
3	QPSK	15	0	ANT2	DSIO	22.33	22.43	22.28	23.00
3	16QAM	1	0	ANT2	DSIO	22.24	22.39	22.19	23.00
3	16QAM	1	7	ANT2	DSIO	22.24	22.30	22.18	23.00
3	16QAM	1	14	ANT2	DSIO	22.12	22.32	22.14	23.00
3	16QAM	8	0	ANT2	DSIO	21.32	21.41	21.43	22.00
3	16QAM	8	3	ANT2	DSIO	21.28	21.43	21.22	22.00
3	16QAM	8	7	ANT2	DSIO	21.24	21.44	21.17	22.00
3	16QAM	15	0	ANT2	DSIO	21.19	21.36	21.35	22.00
3	64QAM	1	0	ANT2	DSIO	21.62	21.81	21.63	22.00
3	64QAM	1	7	ANT2	DSIO	21.69	21.72	21.63	22.00
3	64QAM	1	14	ANT2	DSIO	21.61	21.72	21.65	22.00
3	64QAM	8	0	ANT2	DSIO	20.35	20.43	20.28	21.00
3	64QAM	8	3	ANT2	DSIO	20.31	20.42	20.41	21.00
3	64QAM	8	7	ANT2	DSIO	20.25	20.27	20.30	21.00
3	64QAM	15	0	ANT2	DSIO	20.21	20.29	20.12	21.00
3	256QAM	1	0	ANT2	DSIO	18.74	18.84	18.69	19.00
3	256QAM	1	7	ANT2	DSIO	18.69	18.80	18.64	19.00
3	256QAM	1	14	ANT2	DSIO	18.62	18.80	18.78	19.00
3	256QAM	8	0	ANT2	DSIO	18.33	18.50	18.23	19.00
3	256QAM	8	3	ANT2	DSIO	18.41	18.36	18.31	19.00
3	256QAM	8	7	ANT2	DSIO	18.26	18.40	18.43	19.00
3	256QAM	15	0	ANT2	DSIO	18.30	18.44	18.47	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26715	26865	27015	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	23.31	23.55	23.38	24.00
5	QPSK	1	12	ANT2	DSIO	23.26	23.47	23.28	24.00
5	QPSK	1	24	ANT2	DSIO	23.28	23.44	23.25	24.00
5	QPSK	12	0	ANT2	DSIO	22.37	22.44	22.32	23.00
5	QPSK	12	6	ANT2	DSIO	22.33	22.42	22.20	23.00
5	QPSK	12	13	ANT2	DSIO	22.29	22.26	22.24	23.00
5	QPSK	25	0	ANT2	DSIO	22.26	22.36	22.26	23.00
5	16QAM	1	0	ANT2	DSIO	22.32	22.40	22.24	23.00
5	16QAM	1	12	ANT2	DSIO	22.17	22.24	22.20	23.00
5	16QAM	1	24	ANT2	DSIO	22.17	22.25	22.22	23.00
5	16QAM	12	0	ANT2	DSIO	21.40	21.35	21.39	22.00
5	16QAM	12	6	ANT2	DSIO	21.36	21.43	21.28	22.00
5	16QAM	12	13	ANT2	DSIO	21.29	21.33	21.30	22.00
5	16QAM	25	0	ANT2	DSIO	21.23	21.35	21.40	22.00
5	64QAM	1	0	ANT2	DSIO	21.60	21.68	21.72	22.00
5	64QAM	1	12	ANT2	DSIO	21.63	21.78	21.68	22.00
5	64QAM	1	24	ANT2	DSIO	21.62	21.64	21.66	22.00
5	64QAM	12	0	ANT2	DSIO	20.31	20.32	20.26	21.00
5	64QAM	12	6	ANT2	DSIO	20.35	20.40	20.38	21.00
5	64QAM	12	13	ANT2	DSIO	20.14	20.27	20.27	21.00
5	64QAM	25	0	ANT2	DSIO	20.18	20.28	20.19	21.00
5	256QAM	1	0	ANT2	DSIO	18.83	18.83	18.70	19.00
5	256QAM	1	12	ANT2	DSIO	18.66	18.82	18.61	19.00
5	256QAM	1	24	ANT2	DSIO	18.69	18.72	18.79	19.00
5	256QAM	12	0	ANT2	DSIO	18.37	18.41	18.25	19.00
5	256QAM	12	6	ANT2	DSIO	18.40	18.50	18.37	19.00
5	256QAM	12	13	ANT2	DSIO	18.30	18.46	18.43	19.00
5	256QAM	25	0	ANT2	DSIO	18.28	18.42	18.46	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26740	26865	26990	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO	23.31	23.50	23.47	24.00
10	QPSK	1	24	ANT2	DSIO	23.29	23.48	23.23	24.00
10	QPSK	1	49	ANT2	DSIO	23.25	23.33	23.35	24.00
10	QPSK	25	0	ANT2	DSIO	22.39	22.37	22.22	23.00
10	QPSK	25	12	ANT2	DSIO	22.41	22.32	22.25	23.00
10	QPSK	25	25	ANT2	DSIO	22.24	22.36	22.21	23.00
10	QPSK	50	0	ANT2	DSIO	22.37	22.34	22.23	23.00
10	16QAM	1	0	ANT2	DSIO	22.22	22.38	22.26	23.00
10	16QAM	1	24	ANT2	DSIO	22.13	22.30	22.21	23.00
10	16QAM	1	49	ANT2	DSIO	22.12	22.24	22.21	23.00
10	16QAM	25	0	ANT2	DSIO	21.34	21.44	21.37	22.00
10	16QAM	25	12	ANT2	DSIO	21.27	21.38	21.27	22.00
10	16QAM	25	25	ANT2	DSIO	21.35	21.34	21.26	22.00
10	16QAM	50	0	ANT2	DSIO	21.25	21.42	21.27	22.00
10	64QAM	1	0	ANT2	DSIO	21.67	21.74	21.77	22.00
10	64QAM	1	24	ANT2	DSIO	21.63	21.79	21.64	22.00
10	64QAM	1	49	ANT2	DSIO	21.69	21.68	21.58	22.00
10	64QAM	25	0	ANT2	DSIO	20.28	20.31	20.22	21.00
10	64QAM	25	12	ANT2	DSIO	20.36	20.40	20.42	21.00
10	64QAM	25	25	ANT2	DSIO	20.14	20.25	20.28	21.00
10	64QAM	50	0	ANT2	DSIO	20.18	20.36	20.25	21.00
10	256QAM	1	0	ANT2	DSIO	18.83	18.76	18.64	19.00
10	256QAM	1	24	ANT2	DSIO	18.67	18.72	18.70	19.00
10	256QAM	1	49	ANT2	DSIO	18.75	18.83	18.77	19.00
10	256QAM	25	0	ANT2	DSIO	18.45	18.50	18.30	19.00
10	256QAM	25	12	ANT2	DSIO	18.41	18.42	18.37	19.00
10	256QAM	25	25	ANT2	DSIO	18.29	18.36	18.43	19.00
10	256QAM	50	0	ANT2	DSIO	18.33	18.39	18.38	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26765	26865	26965	Tune-up power(dBm)
15	QPSK	1	0	ANT2	DSIO	23.43	23.58	23.50	24.00
15	QPSK	1	37	ANT2	DSIO	23.39	23.53	23.38	24.00
15	QPSK	1	74	ANT2	DSIO	23.34	23.46	23.39	24.00
15	QPSK	36	0	ANT2	DSIO	22.41	22.48	22.34	23.00
15	QPSK	36	19	ANT2	DSIO	22.42	22.44	22.35	23.00
15	QPSK	36	39	ANT2	DSIO	22.36	22.41	22.34	23.00
15	QPSK	75	0	ANT2	DSIO	22.39	22.47	22.33	23.00
15	16QAM	1	0	ANT2	DSIO	22.34	22.41	22.34	23.00
15	16QAM	1	37	ANT2	DSIO	22.26	22.38	22.24	23.00
15	16QAM	1	74	ANT2	DSIO	22.23	22.37	22.23	23.00
15	16QAM	36	0	ANT2	DSIO	21.42	21.47	21.46	22.00
15	16QAM	36	19	ANT2	DSIO	21.42	21.44	21.33	22.00
15	16QAM	36	39	ANT2	DSIO	21.36	21.45	21.32	22.00
15	16QAM	75	0	ANT2	DSIO	21.32	21.46	21.41	22.00
15	64QAM	1	0	ANT2	DSIO	21.75	21.82	21.78	22.00
15	64QAM	1	37	ANT2	DSIO	21.77	21.84	21.70	22.00
15	64QAM	1	74	ANT2	DSIO	21.70	21.73	21.72	22.00
15	64QAM	36	0	ANT2	DSIO	20.42	20.45	20.33	21.00
15	64QAM	36	19	ANT2	DSIO	20.39	20.45	20.44	21.00
15	64QAM	36	39	ANT2	DSIO	20.27	20.40	20.31	21.00
15	64QAM	75	0	ANT2	DSIO	20.27	20.42	20.27	21.00
15	256QAM	1	0	ANT2	DSIO	18.84	18.86	18.72	19.00
15	256QAM	1	37	ANT2	DSIO	18.71	18.85	18.72	19.00
15	256QAM	1	74	ANT2	DSIO	18.77	18.85	18.81	19.00
15	256QAM	36	0	ANT2	DSIO	18.47	18.52	18.38	19.00
15	256QAM	36	19	ANT2	DSIO	18.45	18.51	18.38	19.00
15	256QAM	36	39	ANT2	DSIO	18.36	18.47	18.46	19.00
15	256QAM	75	0	ANT2	DSIO	18.37	18.51	18.49	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26697	26865	27033	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSI1	19.62	19.70	19.54	20.00
1.4	QPSK	1	2	ANT2	DSI1	19.60	19.63	19.45	20.00
1.4	QPSK	1	5	ANT2	DSI1	19.46	19.51	19.59	20.00
1.4	QPSK	3	0	ANT2	DSI1	19.34	19.47	19.32	20.00
1.4	QPSK	3	1	ANT2	DSI1	19.45	19.52	19.32	20.00
1.4	QPSK	3	3	ANT2	DSI1	19.40	19.48	19.49	20.00
1.4	QPSK	6	0	ANT2	DSI1	19.49	19.57	19.46	20.00
1.4	16QAM	1	0	ANT2	DSI1	19.43	19.47	19.36	20.00
1.4	16QAM	1	2	ANT2	DSI1	19.27	19.39	19.13	20.00
1.4	16QAM	1	5	ANT2	DSI1	19.34	19.29	19.30	20.00
1.4	16QAM	3	0	ANT2	DSI1	19.48	19.50	19.46	20.00
1.4	16QAM	3	1	ANT2	DSI1	19.57	19.54	19.46	20.00
1.4	16QAM	3	3	ANT2	DSI1	19.58	19.69	19.61	20.00
1.4	16QAM	6	0	ANT2	DSI1	19.50	19.58	19.48	20.00
1.4	64QAM	1	0	ANT2	DSI1	19.53	19.62	19.59	20.00
1.4	64QAM	1	2	ANT2	DSI1	19.43	19.49	19.34	20.00
1.4	64QAM	1	5	ANT2	DSI1	19.46	19.54	19.41	20.00
1.4	64QAM	3	0	ANT2	DSI1	19.46	19.53	19.43	20.00
1.4	64QAM	3	1	ANT2	DSI1	19.54	19.50	19.42	20.00
1.4	64QAM	3	3	ANT2	DSI1	19.60	19.62	19.53	20.00
1.4	64QAM	6	0	ANT2	DSI1	19.48	19.59	19.45	20.00
1.4	256QAM	1	0	ANT2	DSI1	18.27	18.32	18.19	19.00
1.4	256QAM	1	2	ANT2	DSI1	18.47	18.54	18.45	19.00
1.4	256QAM	1	5	ANT2	DSI1	18.45	18.38	18.34	19.00
1.4	256QAM	3	0	ANT2	DSI1	18.43	18.65	18.48	19.00
1.4	256QAM	3	1	ANT2	DSI1	18.53	18.51	18.54	19.00
1.4	256QAM	3	3	ANT2	DSI1	18.49	18.55	18.49	19.00
1.4	256QAM	6	0	ANT2	DSI1	18.47	18.52	18.43	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26705	26865	27025	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSI1	19.72	19.75	19.65	20.00
3	QPSK	1	7	ANT2	DSI1	19.54	19.63	19.45	20.00
3	QPSK	1	14	ANT2	DSI1	19.46	19.56	19.48	20.00
3	QPSK	8	0	ANT2	DSI1	19.33	19.51	19.37	20.00
3	QPSK	8	3	ANT2	DSI1	19.37	19.51	19.43	20.00
3	QPSK	8	7	ANT2	DSI1	19.35	19.58	19.43	20.00
3	QPSK	15	0	ANT2	DSI1	19.54	19.57	19.49	20.00
3	16QAM	1	0	ANT2	DSI1	19.37	19.43	19.40	20.00
3	16QAM	1	7	ANT2	DSI1	19.30	19.33	19.25	20.00
3	16QAM	1	14	ANT2	DSI1	19.28	19.28	19.26	20.00
3	16QAM	8	0	ANT2	DSI1	19.52	19.50	19.53	20.00
3	16QAM	8	3	ANT2	DSI1	19.58	19.56	19.46	20.00
3	16QAM	8	7	ANT2	DSI1	19.55	19.64	19.66	20.00
3	16QAM	15	0	ANT2	DSI1	19.47	19.59	19.60	20.00
3	64QAM	1	0	ANT2	DSI1	19.49	19.63	19.54	20.00
3	64QAM	1	7	ANT2	DSI1	19.47	19.55	19.31	20.00
3	64QAM	1	14	ANT2	DSI1	19.54	19.49	19.44	20.00
3	64QAM	8	0	ANT2	DSI1	19.41	19.54	19.38	20.00
3	64QAM	8	3	ANT2	DSI1	19.53	19.56	19.44	20.00
3	64QAM	8	7	ANT2	DSI1	19.64	19.63	19.50	20.00
3	64QAM	15	0	ANT2	DSI1	19.41	19.57	19.50	20.00
3	256QAM	1	0	ANT2	DSI1	18.31	18.38	18.31	19.00
3	256QAM	1	7	ANT2	DSI1	18.41	18.54	18.47	19.00
3	256QAM	1	14	ANT2	DSI1	18.39	18.39	18.33	19.00
3	256QAM	8	0	ANT2	DSI1	18.45	18.56	18.51	19.00
3	256QAM	8	3	ANT2	DSI1	18.55	18.49	18.46	19.00
3	256QAM	8	7	ANT2	DSI1	18.58	18.56	18.55	19.00
3	256QAM	15	0	ANT2	DSI1	18.57	18.55	18.43	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26715	26865	27015	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	19.61	19.71	19.65	20.00
5	QPSK	1	12	ANT2	DSI1	19.61	19.54	19.43	20.00
5	QPSK	1	24	ANT2	DSI1	19.52	19.51	19.48	20.00
5	QPSK	12	0	ANT2	DSI1	19.41	19.40	19.39	20.00
5	QPSK	12	6	ANT2	DSI1	19.35	19.47	19.33	20.00
5	QPSK	12	13	ANT2	DSI1	19.38	19.58	19.41	20.00
5	QPSK	25	0	ANT2	DSI1	19.49	19.45	19.51	20.00
5	16QAM	1	0	ANT2	DSI1	19.30	19.36	19.35	20.00
5	16QAM	1	12	ANT2	DSI1	19.38	19.36	19.19	20.00
5	16QAM	1	24	ANT2	DSI1	19.26	19.39	19.23	20.00
5	16QAM	12	0	ANT2	DSI1	19.58	19.54	19.52	20.00
5	16QAM	12	6	ANT2	DSI1	19.52	19.58	19.56	20.00
5	16QAM	12	13	ANT2	DSI1	19.66	19.64	19.60	20.00
5	16QAM	25	0	ANT2	DSI1	19.49	19.58	19.53	20.00
5	64QAM	1	0	ANT2	DSI1	19.60	19.61	19.63	20.00
5	64QAM	1	12	ANT2	DSI1	19.42	19.47	19.31	20.00
5	64QAM	1	24	ANT2	DSI1	19.43	19.61	19.47	20.00
5	64QAM	12	0	ANT2	DSI1	19.41	19.63	19.44	20.00
5	64QAM	12	6	ANT2	DSI1	19.55	19.55	19.42	20.00
5	64QAM	12	13	ANT2	DSI1	19.51	19.63	19.45	20.00
5	64QAM	25	0	ANT2	DSI1	19.38	19.48	19.50	20.00
5	256QAM	1	0	ANT2	DSI1	18.33	18.35	18.21	19.00
5	256QAM	1	12	ANT2	DSI1	18.42	18.43	18.48	19.00
5	256QAM	1	24	ANT2	DSI1	18.34	18.47	18.42	19.00
5	256QAM	12	0	ANT2	DSI1	18.47	18.65	18.45	19.00
5	256QAM	12	6	ANT2	DSI1	18.56	18.61	18.48	19.00
5	256QAM	12	13	ANT2	DSI1	18.50	18.60	18.47	19.00
5	256QAM	25	0	ANT2	DSI1	18.46	18.60	18.49	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26740	26865	26990	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1	19.63	19.67	19.66	20.00
10	QPSK	1	24	ANT2	DSI1	19.58	19.50	19.48	20.00
10	QPSK	1	49	ANT2	DSI1	19.53	19.58	19.52	20.00
10	QPSK	25	0	ANT2	DSI1	19.38	19.51	19.45	20.00
10	QPSK	25	12	ANT2	DSI1	19.46	19.52	19.43	20.00
10	QPSK	25	25	ANT2	DSI1	19.41	19.52	19.52	20.00
10	QPSK	50	0	ANT2	DSI1	19.47	19.51	19.51	20.00
10	16QAM	1	0	ANT2	DSI1	19.38	19.38	19.34	20.00
10	16QAM	1	24	ANT2	DSI1	19.32	19.29	19.20	20.00
10	16QAM	1	49	ANT2	DSI1	19.25	19.39	19.23	20.00
10	16QAM	25	0	ANT2	DSI1	19.47	19.51	19.55	20.00
10	16QAM	25	12	ANT2	DSI1	19.49	19.50	19.44	20.00
10	16QAM	25	25	ANT2	DSI1	19.59	19.59	19.55	20.00
10	16QAM	50	0	ANT2	DSI1	19.43	19.49	19.50	20.00
10	64QAM	1	0	ANT2	DSI1	19.59	19.64	19.61	20.00
10	64QAM	1	24	ANT2	DSI1	19.38	19.49	19.36	20.00
10	64QAM	1	49	ANT2	DSI1	19.51	19.53	19.50	20.00
10	64QAM	25	0	ANT2	DSI1	19.39	19.58	19.39	20.00
10	64QAM	25	12	ANT2	DSI1	19.51	19.62	19.46	20.00
10	64QAM	25	25	ANT2	DSI1	19.61	19.64	19.55	20.00
10	64QAM	50	0	ANT2	DSI1	19.48	19.49	19.53	20.00
10	256QAM	1	0	ANT2	DSI1	18.26	18.40	18.20	19.00
10	256QAM	1	24	ANT2	DSI1	18.47	18.43	18.41	19.00
10	256QAM	1	49	ANT2	DSI1	18.33	18.46	18.32	19.00
10	256QAM	25	0	ANT2	DSI1	18.52	18.54	18.48	19.00
10	256QAM	25	12	ANT2	DSI1	18.44	18.61	18.49	19.00
10	256QAM	25	25	ANT2	DSI1	18.51	18.57	18.52	19.00
10	256QAM	50	0	ANT2	DSI1	18.46	18.57	18.42	19.00

Band				LTE B26					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26765	26865	26965	Tune-up power(dBm)
15	QPSK	1	0	ANT2	DSI1	19.76	19.77	19.68	20.00
15	QPSK	1	37	ANT2	DSI1	19.64	19.65	19.52	20.00
15	QPSK	1	74	ANT2	DSI1	19.55	19.66	19.60	20.00
15	QPSK	36	0	ANT2	DSI1	19.42	19.59	19.46	20.00
15	QPSK	36	19	ANT2	DSI1	19.47	19.54	19.47	20.00
15	QPSK	36	39	ANT2	DSI1	19.45	19.52	19.55	20.00
15	QPSK	75	0	ANT2	DSI1	19.55	19.59	19.54	20.00
15	16QAM	1	0	ANT2	DSI1	19.44	19.51	19.46	20.00
15	16QAM	1	37	ANT2	DSI1	19.41	19.43	19.28	20.00
15	16QAM	1	74	ANT2	DSI1	19.40	19.43	19.35	20.00
15	16QAM	36	0	ANT2	DSI1	19.60	19.62	19.60	20.00
15	16QAM	36	19	ANT2	DSI1	19.63	19.65	19.58	20.00
15	16QAM	36	39	ANT2	DSI1	19.69	19.73	19.68	20.00
15	16QAM	75	0	ANT2	DSI1	19.58	19.63	19.61	20.00
15	64QAM	1	0	ANT2	DSI1	19.61	19.74	19.65	20.00
15	64QAM	1	37	ANT2	DSI1	19.50	19.57	19.43	20.00
15	64QAM	1	74	ANT2	DSI1	19.58	19.63	19.53	20.00
15	64QAM	36	0	ANT2	DSI1	19.52	19.65	19.52	20.00
15	64QAM	36	19	ANT2	DSI1	19.59	19.63	19.52	20.00
15	64QAM	36	39	ANT2	DSI1	19.66	19.68	19.59	20.00
15	64QAM	75	0	ANT2	DSI1	19.53	19.61	19.60	20.00
15	256QAM	1	0	ANT2	DSI1	18.38	18.47	18.32	19.00
15	256QAM	1	37	ANT2	DSI1	18.48	18.55	18.52	19.00
15	256QAM	1	74	ANT2	DSI1	18.48	18.50	18.45	19.00
15	256QAM	36	0	ANT2	DSI1	18.55	18.67	18.55	19.00
15	256QAM	36	19	ANT2	DSI1	18.58	18.62	18.56	19.00
15	256QAM	36	39	ANT2	DSI1	18.64	18.65	18.60	19.00
15	256QAM	75	0	ANT2	DSI1	18.59	18.65	18.56	19.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26697	26865	27033	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSIO	20.51	20.56	20.53	21.00
1.4	QPSK	1	2	ANT2	DSIO	20.46	20.52	20.44	21.00
1.4	QPSK	1	5	ANT2	DSIO	20.33	20.48	20.47	21.00
1.4	QPSK	3	0	ANT2	DSIO	20.32	20.44	20.32	21.00
1.4	QPSK	3	1	ANT2	DSIO	20.32	20.44	20.35	21.00
1.4	QPSK	3	3	ANT2	DSIO	20.39	20.47	20.34	21.00
1.4	QPSK	6	0	ANT2	DSIO	19.45	19.49	19.40	20.00
1.4	16QAM	1	0	ANT2	DSIO	19.53	19.55	19.46	20.00
1.4	16QAM	1	2	ANT2	DSIO	19.66	19.68	19.56	20.00
1.4	16QAM	1	5	ANT2	DSIO	19.48	19.60	19.53	20.00
1.4	16QAM	3	0	ANT2	DSIO	19.39	19.52	19.45	20.00
1.4	16QAM	3	1	ANT2	DSIO	19.38	19.52	19.48	20.00
1.4	16QAM	3	3	ANT2	DSIO	19.49	19.53	19.51	20.00
1.4	16QAM	6	0	ANT2	DSIO	18.57	18.62	18.53	19.00
1.4	64QAM	1	0	ANT2	DSIO	18.88	18.90	18.80	19.00
1.4	64QAM	1	2	ANT2	DSIO	18.91	18.98	18.84	19.00
1.4	64QAM	1	5	ANT2	DSIO	18.73	18.85	18.78	19.00
1.4	64QAM	3	0	ANT2	DSIO	18.73	18.78	18.72	19.00
1.4	64QAM	3	1	ANT2	DSIO	18.63	18.73	18.68	19.00
1.4	64QAM	3	3	ANT2	DSIO	18.64	18.74	18.64	19.00
1.4	64QAM	6	0	ANT2	DSIO	17.34	17.41	17.34	18.00
1.4	256QAM	1	0	ANT2	DSIO	15.51	15.55	15.45	16.00
1.4	256QAM	1	2	ANT2	DSIO	15.48	15.59	15.52	16.00
1.4	256QAM	1	5	ANT2	DSIO	15.52	15.58	15.50	16.00
1.4	256QAM	3	0	ANT2	DSIO	15.50	15.59	15.48	16.00
1.4	256QAM	3	1	ANT2	DSIO	15.42	15.56	15.43	16.00
1.4	256QAM	3	3	ANT2	DSIO	15.52	15.57	15.45	16.00
1.4	256QAM	6	0	ANT2	DSIO	15.46	15.50	15.43	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26705	26865	27025	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSIO	20.37	20.46	20.44	21.00
3	QPSK	1	7	ANT2	DSIO	20.33	20.52	20.28	21.00
3	QPSK	1	14	ANT2	DSIO	20.19	20.42	20.34	21.00
3	QPSK	8	0	ANT2	DSIO	19.34	19.35	19.31	20.00
3	QPSK	8	3	ANT2	DSIO	19.33	19.30	19.24	20.00
3	QPSK	8	7	ANT2	DSIO	19.30	19.37	19.23	20.00
3	QPSK	15	0	ANT2	DSIO	19.33	19.43	19.28	20.00
3	16QAM	1	0	ANT2	DSIO	19.24	19.39	19.19	20.00
3	16QAM	1	7	ANT2	DSIO	19.24	19.30	19.18	20.00
3	16QAM	1	14	ANT2	DSIO	19.12	19.32	19.14	20.00
3	16QAM	8	0	ANT2	DSIO	18.32	18.41	18.43	19.00
3	16QAM	8	3	ANT2	DSIO	18.28	18.43	18.22	19.00
3	16QAM	8	7	ANT2	DSIO	18.24	18.44	18.17	19.00
3	16QAM	15	0	ANT2	DSIO	18.19	18.36	18.35	19.00
3	64QAM	1	0	ANT2	DSIO	18.62	18.81	18.63	19.00
3	64QAM	1	7	ANT2	DSIO	18.69	18.72	18.63	19.00
3	64QAM	1	14	ANT2	DSIO	18.61	18.72	18.65	19.00
3	64QAM	8	0	ANT2	DSIO	17.35	17.43	17.28	18.00
3	64QAM	8	3	ANT2	DSIO	17.31	17.42	17.41	18.00
3	64QAM	8	7	ANT2	DSIO	17.25	17.27	17.30	18.00
3	64QAM	15	0	ANT2	DSIO	17.21	17.29	17.12	18.00
3	256QAM	1	0	ANT2	DSIO	15.74	15.84	15.69	16.00
3	256QAM	1	7	ANT2	DSIO	15.69	15.80	15.64	16.00
3	256QAM	1	14	ANT2	DSIO	15.62	15.80	15.78	16.00
3	256QAM	8	0	ANT2	DSIO	15.33	15.50	15.23	16.00
3	256QAM	8	3	ANT2	DSIO	15.41	15.36	15.31	16.00
3	256QAM	8	7	ANT2	DSIO	15.26	15.40	15.43	16.00
3	256QAM	15	0	ANT2	DSIO	15.30	15.44	15.47	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26715	26865	27015	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	20.31	20.55	20.38	21.00
5	QPSK	1	12	ANT2	DSIO	20.26	20.47	20.28	21.00
5	QPSK	1	24	ANT2	DSIO	20.28	20.44	20.25	21.00
5	QPSK	12	0	ANT2	DSIO	19.37	19.44	19.32	20.00
5	QPSK	12	6	ANT2	DSIO	19.33	19.42	19.20	20.00
5	QPSK	12	13	ANT2	DSIO	19.29	19.26	19.24	20.00
5	QPSK	25	0	ANT2	DSIO	19.26	19.36	19.26	20.00
5	16QAM	1	0	ANT2	DSIO	19.32	19.40	19.24	20.00
5	16QAM	1	12	ANT2	DSIO	19.17	19.24	19.20	20.00
5	16QAM	1	24	ANT2	DSIO	19.17	19.25	19.22	20.00
5	16QAM	12	0	ANT2	DSIO	18.40	18.35	18.39	19.00
5	16QAM	12	6	ANT2	DSIO	18.36	18.43	18.28	19.00
5	16QAM	12	13	ANT2	DSIO	18.29	18.33	18.30	19.00
5	16QAM	25	0	ANT2	DSIO	18.23	18.35	18.40	19.00
5	64QAM	1	0	ANT2	DSIO	18.60	18.68	18.72	19.00
5	64QAM	1	12	ANT2	DSIO	18.63	18.78	18.68	19.00
5	64QAM	1	24	ANT2	DSIO	18.62	18.64	18.66	19.00
5	64QAM	12	0	ANT2	DSIO	17.31	17.32	17.26	18.00
5	64QAM	12	6	ANT2	DSIO	17.35	17.40	17.38	18.00
5	64QAM	12	13	ANT2	DSIO	17.14	17.27	17.27	18.00
5	64QAM	25	0	ANT2	DSIO	17.18	17.28	17.19	18.00
5	256QAM	1	0	ANT2	DSIO	15.83	15.83	15.70	16.00
5	256QAM	1	12	ANT2	DSIO	15.66	15.82	15.61	16.00
5	256QAM	1	24	ANT2	DSIO	15.69	15.72	15.79	16.00
5	256QAM	12	0	ANT2	DSIO	15.37	15.41	15.25	16.00
5	256QAM	12	6	ANT2	DSIO	15.40	15.50	15.37	16.00
5	256QAM	12	13	ANT2	DSIO	15.30	15.46	15.43	16.00
5	256QAM	25	0	ANT2	DSIO	15.28	15.42	15.46	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26740	26865	26990	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO	20.31	20.50	20.47	21.00
10	QPSK	1	24	ANT2	DSIO	20.29	20.48	20.23	21.00
10	QPSK	1	49	ANT2	DSIO	20.25	20.33	20.35	21.00
10	QPSK	25	0	ANT2	DSIO	19.39	19.37	19.22	20.00
10	QPSK	25	12	ANT2	DSIO	19.41	19.32	19.25	20.00
10	QPSK	25	25	ANT2	DSIO	19.24	19.36	19.21	20.00
10	QPSK	50	0	ANT2	DSIO	19.37	19.34	19.23	20.00
10	16QAM	1	0	ANT2	DSIO	19.22	19.38	19.26	20.00
10	16QAM	1	24	ANT2	DSIO	19.13	19.30	19.21	20.00
10	16QAM	1	49	ANT2	DSIO	19.12	19.24	19.21	20.00
10	16QAM	25	0	ANT2	DSIO	18.34	18.44	18.37	19.00
10	16QAM	25	12	ANT2	DSIO	18.27	18.38	18.27	19.00
10	16QAM	25	25	ANT2	DSIO	18.35	18.34	18.26	19.00
10	16QAM	50	0	ANT2	DSIO	18.25	18.42	18.27	19.00
10	64QAM	1	0	ANT2	DSIO	18.67	18.74	18.77	19.00
10	64QAM	1	24	ANT2	DSIO	18.63	18.79	18.64	19.00
10	64QAM	1	49	ANT2	DSIO	18.69	18.68	18.58	19.00
10	64QAM	25	0	ANT2	DSIO	17.28	17.31	17.22	18.00
10	64QAM	25	12	ANT2	DSIO	17.36	17.40	17.42	18.00
10	64QAM	25	25	ANT2	DSIO	17.14	17.25	17.28	18.00
10	64QAM	50	0	ANT2	DSIO	17.18	17.36	17.25	18.00
10	256QAM	1	0	ANT2	DSIO	15.83	15.76	15.64	16.00
10	256QAM	1	24	ANT2	DSIO	15.67	15.72	15.70	16.00
10	256QAM	1	49	ANT2	DSIO	15.75	15.83	15.77	16.00
10	256QAM	25	0	ANT2	DSIO	15.45	15.50	15.30	16.00
10	256QAM	25	12	ANT2	DSIO	15.41	15.42	15.37	16.00
10	256QAM	25	25	ANT2	DSIO	15.29	15.36	15.43	16.00
10	256QAM	50	0	ANT2	DSIO	15.33	15.39	15.38	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26765	26865	26965	Tune-up power(dBm)
15	QPSK	1	0	ANT2	DSIO	20.43	20.58	20.50	21.00
15	QPSK	1	37	ANT2	DSIO	20.39	20.53	20.38	21.00
15	QPSK	1	74	ANT2	DSIO	20.34	20.46	20.39	21.00
15	QPSK	36	0	ANT2	DSIO	19.41	19.48	19.34	20.00
15	QPSK	36	19	ANT2	DSIO	19.42	19.44	19.35	20.00
15	QPSK	36	39	ANT2	DSIO	19.36	19.41	19.34	20.00
15	QPSK	75	0	ANT2	DSIO	19.39	19.47	19.33	20.00
15	16QAM	1	0	ANT2	DSIO	19.34	19.41	19.34	20.00
15	16QAM	1	37	ANT2	DSIO	19.26	19.38	19.24	20.00
15	16QAM	1	74	ANT2	DSIO	19.23	19.37	19.23	20.00
15	16QAM	36	0	ANT2	DSIO	18.42	18.47	18.46	19.00
15	16QAM	36	19	ANT2	DSIO	18.42	18.44	18.33	19.00
15	16QAM	36	39	ANT2	DSIO	18.36	18.45	18.32	19.00
15	16QAM	75	0	ANT2	DSIO	18.32	18.46	18.41	19.00
15	64QAM	1	0	ANT2	DSIO	18.75	18.82	18.78	19.00
15	64QAM	1	37	ANT2	DSIO	18.77	18.84	18.70	19.00
15	64QAM	1	74	ANT2	DSIO	18.70	18.73	18.72	19.00
15	64QAM	36	0	ANT2	DSIO	17.42	17.45	17.33	18.00
15	64QAM	36	19	ANT2	DSIO	17.39	17.45	17.44	18.00
15	64QAM	36	39	ANT2	DSIO	17.27	17.40	17.31	18.00
15	64QAM	75	0	ANT2	DSIO	17.27	17.42	17.27	18.00
15	256QAM	1	0	ANT2	DSIO	15.84	15.86	15.72	16.00
15	256QAM	1	37	ANT2	DSIO	15.71	15.85	15.72	16.00
15	256QAM	1	74	ANT2	DSIO	15.77	15.85	15.81	16.00
15	256QAM	36	0	ANT2	DSIO	15.47	15.52	15.38	16.00
15	256QAM	36	19	ANT2	DSIO	15.45	15.51	15.38	16.00
15	256QAM	36	39	ANT2	DSIO	15.36	15.47	15.46	16.00
15	256QAM	75	0	ANT2	DSIO	15.37	15.51	15.49	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26697	26865	27033	Tune-up power(dBm)
1.4	QPSK	1	0	ANT2	DSI1	16.62	16.70	16.54	17.00
1.4	QPSK	1	2	ANT2	DSI1	16.60	16.63	16.45	17.00
1.4	QPSK	1	5	ANT2	DSI1	16.46	16.51	16.59	17.00
1.4	QPSK	3	0	ANT2	DSI1	16.34	16.47	16.32	17.00
1.4	QPSK	3	1	ANT2	DSI1	16.45	16.52	16.32	17.00
1.4	QPSK	3	3	ANT2	DSI1	16.40	16.48	16.49	17.00
1.4	QPSK	6	0	ANT2	DSI1	16.49	16.57	16.46	17.00
1.4	16QAM	1	0	ANT2	DSI1	16.43	16.47	16.36	17.00
1.4	16QAM	1	2	ANT2	DSI1	16.27	16.39	16.13	17.00
1.4	16QAM	1	5	ANT2	DSI1	16.34	16.29	16.30	17.00
1.4	16QAM	3	0	ANT2	DSI1	16.48	16.50	16.46	17.00
1.4	16QAM	3	1	ANT2	DSI1	16.57	16.54	16.46	17.00
1.4	16QAM	3	3	ANT2	DSI1	16.58	16.69	16.61	17.00
1.4	16QAM	6	0	ANT2	DSI1	16.50	16.58	16.48	17.00
1.4	64QAM	1	0	ANT2	DSI1	16.53	16.62	16.59	17.00
1.4	64QAM	1	2	ANT2	DSI1	16.43	16.49	16.34	17.00
1.4	64QAM	1	5	ANT2	DSI1	16.46	16.54	16.41	17.00
1.4	64QAM	3	0	ANT2	DSI1	16.46	16.53	16.43	17.00
1.4	64QAM	3	1	ANT2	DSI1	16.54	16.50	16.42	17.00
1.4	64QAM	3	3	ANT2	DSI1	16.60	16.62	16.53	17.00
1.4	64QAM	6	0	ANT2	DSI1	16.48	16.59	16.45	17.00
1.4	256QAM	1	0	ANT2	DSI1	15.27	15.32	15.19	16.00
1.4	256QAM	1	2	ANT2	DSI1	15.47	15.54	15.45	16.00
1.4	256QAM	1	5	ANT2	DSI1	15.45	15.38	15.34	16.00
1.4	256QAM	3	0	ANT2	DSI1	15.43	15.65	15.48	16.00
1.4	256QAM	3	1	ANT2	DSI1	15.53	15.51	15.54	16.00
1.4	256QAM	3	3	ANT2	DSI1	15.49	15.55	15.49	16.00
1.4	256QAM	6	0	ANT2	DSI1	15.47	15.52	15.43	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26705	26865	27025	Tune-up power(dBm)
3	QPSK	1	0	ANT2	DSI1	16.72	16.75	16.65	17.00
3	QPSK	1	7	ANT2	DSI1	16.54	16.63	16.45	17.00
3	QPSK	1	14	ANT2	DSI1	16.46	16.56	16.48	17.00
3	QPSK	8	0	ANT2	DSI1	16.33	16.51	16.37	17.00
3	QPSK	8	3	ANT2	DSI1	16.37	16.51	16.43	17.00
3	QPSK	8	7	ANT2	DSI1	16.35	16.58	16.43	17.00
3	QPSK	15	0	ANT2	DSI1	16.54	16.57	16.49	17.00
3	16QAM	1	0	ANT2	DSI1	16.37	16.43	16.40	17.00
3	16QAM	1	7	ANT2	DSI1	16.30	16.33	16.25	17.00
3	16QAM	1	14	ANT2	DSI1	16.28	16.28	16.26	17.00
3	16QAM	8	0	ANT2	DSI1	16.52	16.50	16.53	17.00
3	16QAM	8	3	ANT2	DSI1	16.58	16.56	16.46	17.00
3	16QAM	8	7	ANT2	DSI1	16.55	16.64	16.66	17.00
3	16QAM	15	0	ANT2	DSI1	16.47	16.59	16.60	17.00
3	64QAM	1	0	ANT2	DSI1	16.49	16.63	16.54	17.00
3	64QAM	1	7	ANT2	DSI1	16.47	16.55	16.31	17.00
3	64QAM	1	14	ANT2	DSI1	16.54	16.49	16.44	17.00
3	64QAM	8	0	ANT2	DSI1	16.41	16.54	16.38	17.00
3	64QAM	8	3	ANT2	DSI1	16.53	16.56	16.44	17.00
3	64QAM	8	7	ANT2	DSI1	16.64	16.63	16.50	17.00
3	64QAM	15	0	ANT2	DSI1	16.41	16.57	16.50	17.00
3	256QAM	1	0	ANT2	DSI1	15.31	15.38	15.31	16.00
3	256QAM	1	7	ANT2	DSI1	15.41	15.54	15.47	16.00
3	256QAM	1	14	ANT2	DSI1	15.39	15.39	15.33	16.00
3	256QAM	8	0	ANT2	DSI1	15.45	15.56	15.51	16.00
3	256QAM	8	3	ANT2	DSI1	15.55	15.49	15.46	16.00
3	256QAM	8	7	ANT2	DSI1	15.58	15.56	15.55	16.00
3	256QAM	15	0	ANT2	DSI1	15.57	15.55	15.43	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26715	26865	27015	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	16.61	16.71	16.65	17.00
5	QPSK	1	12	ANT2	DSI1	16.61	16.54	16.43	17.00
5	QPSK	1	24	ANT2	DSI1	16.52	16.51	16.48	17.00
5	QPSK	12	0	ANT2	DSI1	16.41	16.40	16.39	17.00
5	QPSK	12	6	ANT2	DSI1	16.35	16.47	16.33	17.00
5	QPSK	12	13	ANT2	DSI1	16.38	16.58	16.41	17.00
5	QPSK	25	0	ANT2	DSI1	16.49	16.45	16.51	17.00
5	16QAM	1	0	ANT2	DSI1	16.30	16.36	16.35	17.00
5	16QAM	1	12	ANT2	DSI1	16.38	16.36	16.19	17.00
5	16QAM	1	24	ANT2	DSI1	16.26	16.39	16.23	17.00
5	16QAM	12	0	ANT2	DSI1	16.58	16.54	16.52	17.00
5	16QAM	12	6	ANT2	DSI1	16.52	16.58	16.56	17.00
5	16QAM	12	13	ANT2	DSI1	16.66	16.64	16.60	17.00
5	16QAM	25	0	ANT2	DSI1	16.49	16.58	16.53	17.00
5	64QAM	1	0	ANT2	DSI1	16.60	16.61	16.63	17.00
5	64QAM	1	12	ANT2	DSI1	16.42	16.47	16.31	17.00
5	64QAM	1	24	ANT2	DSI1	16.43	16.61	16.47	17.00
5	64QAM	12	0	ANT2	DSI1	16.41	16.63	16.44	17.00
5	64QAM	12	6	ANT2	DSI1	16.55	16.55	16.42	17.00
5	64QAM	12	13	ANT2	DSI1	16.51	16.63	16.45	17.00
5	64QAM	25	0	ANT2	DSI1	16.38	16.48	16.50	17.00
5	256QAM	1	0	ANT2	DSI1	15.33	15.35	15.21	16.00
5	256QAM	1	12	ANT2	DSI1	15.42	15.43	15.48	16.00
5	256QAM	1	24	ANT2	DSI1	15.34	15.47	15.42	16.00
5	256QAM	12	0	ANT2	DSI1	15.47	15.65	15.45	16.00
5	256QAM	12	6	ANT2	DSI1	15.56	15.61	15.48	16.00
5	256QAM	12	13	ANT2	DSI1	15.50	15.60	15.47	16.00
5	256QAM	25	0	ANT2	DSI1	15.46	15.60	15.49	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26740	26865	26990	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1	16.63	16.67	16.66	17.00
10	QPSK	1	24	ANT2	DSI1	16.58	16.50	16.48	17.00
10	QPSK	1	49	ANT2	DSI1	16.53	16.58	16.52	17.00
10	QPSK	25	0	ANT2	DSI1	16.38	16.51	16.45	17.00
10	QPSK	25	12	ANT2	DSI1	16.46	16.52	16.43	17.00
10	QPSK	25	25	ANT2	DSI1	16.41	16.52	16.52	17.00
10	QPSK	50	0	ANT2	DSI1	16.47	16.51	16.51	17.00
10	16QAM	1	0	ANT2	DSI1	16.38	16.38	16.34	17.00
10	16QAM	1	24	ANT2	DSI1	16.32	16.29	16.20	17.00
10	16QAM	1	49	ANT2	DSI1	16.25	16.39	16.23	17.00
10	16QAM	25	0	ANT2	DSI1	16.47	16.51	16.55	17.00
10	16QAM	25	12	ANT2	DSI1	16.49	16.50	16.44	17.00
10	16QAM	25	25	ANT2	DSI1	16.59	16.59	16.55	17.00
10	16QAM	50	0	ANT2	DSI1	16.43	16.49	16.50	17.00
10	64QAM	1	0	ANT2	DSI1	16.59	16.64	16.61	17.00
10	64QAM	1	24	ANT2	DSI1	16.38	16.49	16.36	17.00
10	64QAM	1	49	ANT2	DSI1	16.51	16.53	16.50	17.00
10	64QAM	25	0	ANT2	DSI1	16.39	16.58	16.39	17.00
10	64QAM	25	12	ANT2	DSI1	16.51	16.62	16.46	17.00
10	64QAM	25	25	ANT2	DSI1	16.61	16.64	16.55	17.00
10	64QAM	50	0	ANT2	DSI1	16.48	16.49	16.53	17.00
10	256QAM	1	0	ANT2	DSI1	15.26	15.40	15.20	16.00
10	256QAM	1	24	ANT2	DSI1	15.47	15.43	15.41	16.00
10	256QAM	1	49	ANT2	DSI1	15.33	15.46	15.32	16.00
10	256QAM	25	0	ANT2	DSI1	15.52	15.54	15.48	16.00
10	256QAM	25	12	ANT2	DSI1	15.44	15.61	15.49	16.00
10	256QAM	25	25	ANT2	DSI1	15.51	15.57	15.52	16.00
10	256QAM	50	0	ANT2	DSI1	15.46	15.57	15.42	16.00

Band				LTE B26-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	26765	26865	26965	Tune-up power(dBm)
15	QPSK	1	0	ANT2	DSI1	16.76	16.77	16.68	17.00
15	QPSK	1	37	ANT2	DSI1	16.64	16.65	16.52	17.00
15	QPSK	1	74	ANT2	DSI1	16.55	16.66	16.60	17.00
15	QPSK	36	0	ANT2	DSI1	16.42	16.52	16.46	17.00
15	QPSK	36	19	ANT2	DSI1	16.47	16.54	16.47	17.00
15	QPSK	36	39	ANT2	DSI1	16.45	16.59	16.55	17.00
15	QPSK	75	0	ANT2	DSI1	16.55	16.59	16.54	17.00
15	16QAM	1	0	ANT2	DSI1	16.44	16.51	16.46	17.00
15	16QAM	1	37	ANT2	DSI1	16.41	16.43	16.28	17.00
15	16QAM	1	74	ANT2	DSI1	16.40	16.43	16.35	17.00
15	16QAM	36	0	ANT2	DSI1	16.60	16.62	16.60	17.00
15	16QAM	36	19	ANT2	DSI1	16.63	16.65	16.58	17.00
15	16QAM	36	39	ANT2	DSI1	16.69	16.73	16.68	17.00
15	16QAM	75	0	ANT2	DSI1	16.58	16.63	16.61	17.00
15	64QAM	1	0	ANT2	DSI1	16.61	16.74	16.65	17.00
15	64QAM	1	37	ANT2	DSI1	16.50	16.57	16.43	17.00
15	64QAM	1	74	ANT2	DSI1	16.58	16.63	16.53	17.00
15	64QAM	36	0	ANT2	DSI1	16.52	16.65	16.52	17.00
15	64QAM	36	19	ANT2	DSI1	16.59	16.63	16.52	17.00
15	64QAM	36	39	ANT2	DSI1	16.66	16.68	16.59	17.00
15	64QAM	75	0	ANT2	DSI1	16.53	16.61	16.60	17.00
15	256QAM	1	0	ANT2	DSI1	15.38	15.47	15.32	16.00
15	256QAM	1	37	ANT2	DSI1	15.48	15.55	15.52	16.00
15	256QAM	1	74	ANT2	DSI1	15.48	15.50	15.45	16.00
15	256QAM	36	0	ANT2	DSI1	15.55	15.67	15.55	16.00
15	256QAM	36	19	ANT2	DSI1	15.58	15.62	15.56	16.00
15	256QAM	36	39	ANT2	DSI1	15.64	15.65	15.60	16.00
15	256QAM	75	0	ANT2	DSI1	15.59	15.65	15.56	16.00

Band				LTE B30					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	27685	27710	27735	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSIO	23.27	23.35	23.25	24.00
5	QPSK	1	12	ANT4	DSIO	23.30	23.33	23.32	24.00
5	QPSK	1	24	ANT4	DSIO	23.24	23.23	23.19	24.00
5	QPSK	12	0	ANT4	DSIO	22.24	22.25	22.29	23.00
5	QPSK	12	6	ANT4	DSIO	22.19	22.19	22.31	23.00
5	QPSK	12	13	ANT4	DSIO	22.13	22.12	22.17	23.00
5	QPSK	25	0	ANT4	DSIO	22.18	22.18	22.15	23.00
5	16QAM	1	0	ANT4	DSIO	22.17	22.22	22.14	23.00
5	16QAM	1	12	ANT4	DSIO	22.24	22.15	22.12	23.00
5	16QAM	1	24	ANT4	DSIO	22.15	22.18	22.20	23.00
5	16QAM	12	0	ANT4	DSIO	21.13	21.15	21.20	22.00
5	16QAM	12	6	ANT4	DSIO	21.10	21.20	21.15	22.00
5	16QAM	12	13	ANT4	DSIO	21.14	21.08	21.07	22.00
5	16QAM	25	0	ANT4	DSIO	21.16	21.15	21.17	22.00
5	64QAM	1	0	ANT4	DSIO	21.41	21.41	21.52	22.00
5	64QAM	1	12	ANT4	DSIO	21.45	21.43	21.53	22.00
5	64QAM	1	24	ANT4	DSIO	21.43	21.39	21.47	22.00
5	64QAM	12	0	ANT4	DSIO	20.61	20.62	20.48	21.00
5	64QAM	12	6	ANT4	DSIO	20.64	20.57	20.53	21.00
5	64QAM	12	13	ANT4	DSIO	20.65	20.62	20.59	21.00
5	64QAM	25	0	ANT4	DSIO	20.49	20.50	20.56	21.00
5	256QAM	1	0	ANT4	DSIO	19.15	19.21	19.24	20.00
5	256QAM	1	12	ANT4	DSIO	19.13	19.07	19.10	20.00
5	256QAM	1	24	ANT4	DSIO	19.17	19.16	19.14	20.00
5	256QAM	12	0	ANT4	DSIO	18.56	18.61	18.53	19.00
5	256QAM	12	6	ANT4	DSIO	18.51	18.52	18.51	19.00
5	256QAM	12	13	ANT4	DSIO	18.57	18.55	18.64	19.00
5	256QAM	25	0	ANT4	DSIO	18.53	18.49	18.59	19.00

Band				LTE B30					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State		27710		Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSIO		23.38		24.00
10	QPSK	1	24	ANT4	DSIO		23.35		24.00
10	QPSK	1	49	ANT4	DSIO		23.31		24.00
10	QPSK	25	0	ANT4	DSIO		22.36		23.00
10	QPSK	25	12	ANT4	DSIO		22.32		23.00
10	QPSK	25	25	ANT4	DSIO		22.26		23.00
10	QPSK	50	0	ANT4	DSIO		22.24		23.00
10	16QAM	1	0	ANT4	DSIO		22.25		23.00
10	16QAM	1	24	ANT4	DSIO		22.25		23.00
10	16QAM	1	49	ANT4	DSIO		22.24		23.00
10	16QAM	25	0	ANT4	DSIO		21.22		22.00
10	16QAM	25	12	ANT4	DSIO		21.25		22.00
10	16QAM	25	25	ANT4	DSIO		21.22		22.00
10	16QAM	50	0	ANT4	DSIO		21.19		22.00
10	64QAM	1	0	ANT4	DSIO		21.56		22.00
10	64QAM	1	24	ANT4	DSIO		21.55		22.00
10	64QAM	1	49	ANT4	DSIO		21.51		22.00
10	64QAM	25	0	ANT4	DSIO		20.63		21.00
10	64QAM	25	12	ANT4	DSIO		20.65		21.00
10	64QAM	25	25	ANT4	DSIO		20.68		21.00
10	64QAM	50	0	ANT4	DSIO		20.57		21.00
10	256QAM	1	0	ANT4	DSIO		19.26		20.00
10	256QAM	1	24	ANT4	DSIO		19.21		20.00
10	256QAM	1	49	ANT4	DSIO		19.20		20.00
10	256QAM	25	0	ANT4	DSIO		18.62		19.00
10	256QAM	25	12	ANT4	DSIO		18.61		19.00
10	256QAM	25	25	ANT4	DSIO		18.66		19.00
10	256QAM	50	0	ANT4	DSIO		18.62		19.00

Band				LTE B30					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	27685	27710	27735	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSI1	15.53	15.55	15.46	16.00
5	QPSK	1	12	ANT4	DSI1	15.33	15.32	15.35	16.00
5	QPSK	1	24	ANT4	DSI1	15.53	15.48	15.47	16.00
5	QPSK	12	0	ANT4	DSI1	15.48	15.50	15.44	16.00
5	QPSK	12	6	ANT4	DSI1	15.49	15.37	15.38	16.00
5	QPSK	12	13	ANT4	DSI1	15.31	15.32	15.30	16.00
5	QPSK	25	0	ANT4	DSI1	15.44	15.44	15.44	16.00
5	16QAM	1	0	ANT4	DSI1	15.39	15.38	15.41	16.00
5	16QAM	1	12	ANT4	DSI1	15.36	15.33	15.40	16.00
5	16QAM	1	24	ANT4	DSI1	15.33	15.38	15.36	16.00
5	16QAM	12	0	ANT4	DSI1	15.43	15.52	15.40	16.00
5	16QAM	12	6	ANT4	DSI1	15.44	15.50	15.42	16.00
5	16QAM	12	13	ANT4	DSI1	15.48	15.43	15.46	16.00
5	16QAM	25	0	ANT4	DSI1	15.42	15.40	15.39	16.00
5	64QAM	1	0	ANT4	DSI1	15.35	15.37	15.39	16.00
5	64QAM	1	12	ANT4	DSI1	15.38	15.37	15.30	16.00
5	64QAM	1	24	ANT4	DSI1	15.38	15.49	15.42	16.00
5	64QAM	12	0	ANT4	DSI1	15.47	15.48	15.39	16.00
5	64QAM	12	6	ANT4	DSI1	15.36	15.32	15.40	16.00
5	64QAM	12	13	ANT4	DSI1	15.39	15.32	15.38	16.00
5	64QAM	25	0	ANT4	DSI1	15.49	15.50	15.37	16.00
5	256QAM	1	0	ANT4	DSI1	15.45	15.33	15.32	16.00
5	256QAM	1	12	ANT4	DSI1	15.45	15.50	15.40	16.00
5	256QAM	1	24	ANT4	DSI1	15.52	15.46	15.47	16.00
5	256QAM	12	0	ANT4	DSI1	15.42	15.51	15.42	16.00
5	256QAM	12	6	ANT4	DSI1	15.36	15.34	15.38	16.00
5	256QAM	12	13	ANT4	DSI1	15.33	15.35	15.36	16.00
5	256QAM	25	0	ANT4	DSI1	15.50	15.42	15.41	16.00

Band				LTE B30					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State		27710		Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSI1		15.58		16.00
10	QPSK	1	24	ANT4	DSI1		15.42		16.00
10	QPSK	1	49	ANT4	DSI1		15.55		16.00
10	QPSK	25	0	ANT4	DSI1		15.52		16.00
10	QPSK	25	12	ANT4	DSI1		15.52		16.00
10	QPSK	25	25	ANT4	DSI1		15.45		16.00
10	QPSK	50	0	ANT4	DSI1		15.47		16.00
10	16QAM	1	0	ANT4	DSI1		15.48		16.00
10	16QAM	1	24	ANT4	DSI1		15.44		16.00
10	16QAM	1	49	ANT4	DSI1		15.46		16.00
10	16QAM	25	0	ANT4	DSI1		15.53		16.00
10	16QAM	25	12	ANT4	DSI1		15.52		16.00
10	16QAM	25	25	ANT4	DSI1		15.50		16.00
10	16QAM	50	0	ANT4	DSI1		15.49		16.00
10	64QAM	1	0	ANT4	DSI1		15.46		16.00
10	64QAM	1	24	ANT4	DSI1		15.41		16.00
10	64QAM	1	49	ANT4	DSI1		15.50		16.00
10	64QAM	25	0	ANT4	DSI1		15.54		16.00
10	64QAM	25	12	ANT4	DSI1		15.47		16.00
10	64QAM	25	25	ANT4	DSI1		15.43		16.00
10	64QAM	50	0	ANT4	DSI1		15.52		16.00
10	256QAM	1	0	ANT4	DSI1		15.47		16.00
10	256QAM	1	24	ANT4	DSI1		15.52		16.00
10	256QAM	1	49	ANT4	DSI1		15.53		16.00
10	256QAM	25	0	ANT4	DSI1		15.55		16.00
10	256QAM	25	12	ANT4	DSI1		15.45		16.00
10	256QAM	25	25	ANT4	DSI1		15.47		16.00
10	256QAM	50	0	ANT4	DSI1		15.51		16.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131979	132322	132665	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSIO	24.13	24.16	24.06	25.00
1.4	QPSK	1	2	ANT6	DSIO	24.12	24.14	24.03	25.00
1.4	QPSK	1	5	ANT6	DSIO	24.03	24.13	24.00	25.00
1.4	QPSK	3	0	ANT6	DSIO	23.99	24.12	24.01	25.00
1.4	QPSK	3	1	ANT6	DSIO	24.02	24.12	24.10	25.00
1.4	QPSK	3	3	ANT6	DSIO	24.09	24.11	23.99	25.00
1.4	QPSK	6	0	ANT6	DSIO	23.01	23.14	23.12	24.00
1.4	16QAM	1	0	ANT6	DSIO	23.39	23.54	23.48	24.00
1.4	16QAM	1	2	ANT6	DSIO	23.40	23.53	23.40	24.00
1.4	16QAM	1	5	ANT6	DSIO	23.53	23.54	23.40	24.00
1.4	16QAM	3	0	ANT6	DSIO	23.22	23.30	23.20	24.00
1.4	16QAM	3	1	ANT6	DSIO	23.31	23.32	23.20	24.00
1.4	16QAM	3	3	ANT6	DSIO	23.24	23.30	23.18	24.00
1.4	16QAM	6	0	ANT6	DSIO	21.87	21.98	21.87	23.00
1.4	64QAM	1	0	ANT6	DSIO	22.21	22.27	22.12	23.00
1.4	64QAM	1	2	ANT6	DSIO	22.29	22.31	22.25	23.00
1.4	64QAM	1	5	ANT6	DSIO	22.18	22.28	22.19	23.00
1.4	64QAM	3	0	ANT6	DSIO	22.16	22.20	22.09	23.00
1.4	64QAM	3	1	ANT6	DSIO	22.11	22.19	22.08	23.00
1.4	64QAM	3	3	ANT6	DSIO	22.12	22.19	22.13	23.00
1.4	64QAM	6	0	ANT6	DSIO	21.22	21.33	21.32	22.00
1.4	256QAM	1	0	ANT6	DSIO	19.17	19.31	19.21	20.00
1.4	256QAM	1	2	ANT6	DSIO	19.29	19.31	19.19	20.00
1.4	256QAM	1	5	ANT6	DSIO	19.18	19.32	19.22	20.00
1.4	256QAM	3	0	ANT6	DSIO	19.31	19.46	19.43	20.00
1.4	256QAM	3	1	ANT6	DSIO	19.39	19.48	19.35	20.00
1.4	256QAM	3	3	ANT6	DSIO	19.37	19.49	19.35	20.00
1.4	256QAM	6	0	ANT6	DSIO	19.29	19.39	19.29	20.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131987	132322	132657	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSIO	24.12	24.08	24.03	25.00
3	QPSK	1	7	ANT6	DSIO	23.88	24.15	24.10	25.00
3	QPSK	1	14	ANT6	DSIO	23.98	24.04	24.02	25.00
3	QPSK	8	0	ANT6	DSIO	23.16	23.17	23.06	24.00
3	QPSK	8	3	ANT6	DSIO	23.01	23.14	23.04	24.00
3	QPSK	8	7	ANT6	DSIO	23.06	23.08	22.93	24.00
3	QPSK	15	0	ANT6	DSIO	23.00	23.18	23.07	24.00
3	16QAM	1	0	ANT6	DSIO	23.48	23.55	23.40	24.00
3	16QAM	1	7	ANT6	DSIO	23.44	23.39	23.38	24.00
3	16QAM	1	14	ANT6	DSIO	23.38	23.45	23.43	24.00
3	16QAM	8	0	ANT6	DSIO	21.98	22.20	22.14	23.00
3	16QAM	8	3	ANT6	DSIO	22.01	22.08	22.01	23.00
3	16QAM	8	7	ANT6	DSIO	21.95	22.04	21.92	23.00
3	16QAM	15	0	ANT6	DSIO	21.91	22.14	22.00	23.00
3	64QAM	1	0	ANT6	DSIO	22.66	22.87	22.76	23.00
3	64QAM	1	7	ANT6	DSIO	22.59	22.73	22.51	23.00
3	64QAM	1	14	ANT6	DSIO	22.62	22.53	22.59	23.00
3	64QAM	8	0	ANT6	DSIO	21.04	21.14	21.10	22.00
3	64QAM	8	3	ANT6	DSIO	21.09	21.13	20.95	22.00
3	64QAM	8	7	ANT6	DSIO	20.94	21.01	20.93	22.00
3	64QAM	15	0	ANT6	DSIO	21.02	21.04	21.00	22.00
3	256QAM	1	0	ANT6	DSIO	19.56	19.61	19.41	20.00
3	256QAM	1	7	ANT6	DSIO	19.41	19.47	19.51	20.00
3	256QAM	1	14	ANT6	DSIO	19.52	19.53	19.39	20.00
3	256QAM	8	0	ANT6	DSIO	19.26	19.44	19.40	20.00
3	256QAM	8	3	ANT6	DSIO	19.39	19.33	19.32	20.00
3	256QAM	8	7	ANT6	DSIO	19.37	19.36	19.22	20.00
3	256QAM	15	0	ANT6	DSIO	19.29	19.45	19.31	20.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131997	132322	132647	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSIO	24.14	24.22	24.08	25.00
5	QPSK	1	12	ANT6	DSIO	23.89	24.08	24.00	25.00
5	QPSK	1	24	ANT6	DSIO	24.02	24.01	24.04	25.00
5	QPSK	12	0	ANT6	DSIO	23.21	23.21	23.00	24.00
5	QPSK	12	6	ANT6	DSIO	23.00	23.06	22.94	24.00
5	QPSK	12	13	ANT6	DSIO	23.07	23.04	22.97	24.00
5	QPSK	25	0	ANT6	DSIO	22.97	23.07	22.95	24.00
5	16QAM	1	0	ANT6	DSIO	23.49	23.51	23.42	24.00
5	16QAM	1	12	ANT6	DSIO	23.43	23.39	23.37	24.00
5	16QAM	1	24	ANT6	DSIO	23.42	23.44	23.36	24.00
5	16QAM	12	0	ANT6	DSIO	21.97	22.10	22.11	23.00
5	16QAM	12	6	ANT6	DSIO	21.96	22.07	21.92	23.00
5	16QAM	12	13	ANT6	DSIO	21.97	21.98	21.96	23.00
5	16QAM	25	0	ANT6	DSIO	22.02	22.07	22.01	23.00
5	64QAM	1	0	ANT6	DSIO	22.77	22.85	22.82	23.00
5	64QAM	1	12	ANT6	DSIO	22.46	22.60	22.62	23.00
5	64QAM	1	24	ANT6	DSIO	22.54	22.62	22.58	23.00
5	64QAM	12	0	ANT6	DSIO	21.11	21.08	21.02	22.00
5	64QAM	12	6	ANT6	DSIO	21.10	21.03	21.05	22.00
5	64QAM	12	13	ANT6	DSIO	20.96	21.01	20.93	22.00
5	64QAM	25	0	ANT6	DSIO	20.94	21.10	21.05	22.00
5	256QAM	1	0	ANT6	DSIO	19.52	19.56	19.38	20.00
5	256QAM	1	12	ANT6	DSIO	19.42	19.57	19.43	20.00
5	256QAM	1	24	ANT6	DSIO	19.51	19.53	19.41	20.00
5	256QAM	12	0	ANT6	DSIO	19.26	19.48	19.38	20.00
5	256QAM	12	6	ANT6	DSIO	19.33	19.35	19.27	20.00
5	256QAM	12	13	ANT6	DSIO	19.34	19.41	19.20	20.00
5	256QAM	25	0	ANT6	DSIO	19.26	19.36	19.37	20.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132022	132322	132622	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSIO	24.05	24.20	24.09	25.00
10	QPSK	1	24	ANT6	DSIO	23.89	24.14	24.06	25.00
10	QPSK	1	49	ANT6	DSIO	24.06	23.96	24.05	25.00
10	QPSK	25	0	ANT6	DSIO	23.16	23.09	23.02	24.00
10	QPSK	25	12	ANT6	DSIO	23.05	23.17	22.94	24.00
10	QPSK	25	25	ANT6	DSIO	23.00	23.05	22.88	24.00
10	QPSK	50	0	ANT6	DSIO	22.94	23.18	23.02	24.00
10	16QAM	1	0	ANT6	DSIO	23.47	23.48	23.39	24.00
10	16QAM	1	24	ANT6	DSIO	23.48	23.53	23.45	24.00
10	16QAM	1	49	ANT6	DSIO	23.38	23.48	23.41	24.00
10	16QAM	25	0	ANT6	DSIO	21.96	22.08	22.07	23.00
10	16QAM	25	12	ANT6	DSIO	22.08	22.12	21.94	23.00
10	16QAM	25	25	ANT6	DSIO	21.97	22.11	21.89	23.00
10	16QAM	50	0	ANT6	DSIO	22.00	22.04	22.01	23.00
10	64QAM	1	0	ANT6	DSIO	22.67	22.82	22.82	23.00
10	64QAM	1	24	ANT6	DSIO	22.53	22.68	22.58	23.00
10	64QAM	1	49	ANT6	DSIO	22.52	22.58	22.61	23.00
10	64QAM	25	0	ANT6	DSIO	21.00	21.06	21.15	22.00
10	64QAM	25	12	ANT6	DSIO	21.10	21.02	21.02	22.00
10	64QAM	25	25	ANT6	DSIO	20.94	21.04	20.99	22.00
10	64QAM	50	0	ANT6	DSIO	20.97	21.05	20.95	22.00
10	256QAM	1	0	ANT6	DSIO	19.47	19.60	19.38	20.00
10	256QAM	1	24	ANT6	DSIO	19.35	19.57	19.40	20.00
10	256QAM	1	49	ANT6	DSIO	19.41	19.44	19.36	20.00
10	256QAM	25	0	ANT6	DSIO	19.28	19.38	19.35	20.00
10	256QAM	25	12	ANT6	DSIO	19.33	19.34	19.27	20.00
10	256QAM	25	25	ANT6	DSIO	19.32	19.29	19.27	20.00
10	256QAM	50	0	ANT6	DSIO	19.23	19.42	19.34	20.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132047	132322	132597	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSIO	24.07	24.14	24.06	25.00
15	QPSK	1	37	ANT6	DSIO	23.93	24.07	24.10	25.00
15	QPSK	1	74	ANT6	DSIO	24.00	23.98	23.94	25.00
15	QPSK	36	0	ANT6	DSIO	23.22	23.20	23.03	24.00
15	QPSK	36	19	ANT6	DSIO	22.95	23.08	23.05	24.00
15	QPSK	36	39	ANT6	DSIO	23.08	23.02	22.87	24.00
15	QPSK	75	0	ANT6	DSIO	22.98	23.16	23.08	24.00
15	16QAM	1	0	ANT6	DSIO	23.41	23.48	23.46	24.00
15	16QAM	1	37	ANT6	DSIO	23.43	23.44	23.36	24.00
15	16QAM	1	74	ANT6	DSIO	23.37	23.50	23.39	24.00
15	16QAM	36	0	ANT6	DSIO	21.95	22.11	22.11	23.00
15	16QAM	36	19	ANT6	DSIO	22.03	22.14	21.98	23.00
15	16QAM	36	39	ANT6	DSIO	22.02	22.10	21.95	23.00
15	16QAM	75	0	ANT6	DSIO	22.01	22.11	22.03	23.00
15	64QAM	1	0	ANT6	DSIO	22.68	22.89	22.89	23.00
15	64QAM	1	37	ANT6	DSIO	22.52	22.72	22.55	23.00
15	64QAM	1	74	ANT6	DSIO	22.65	22.61	22.65	23.00
15	64QAM	36	0	ANT6	DSIO	21.13	21.11	21.11	22.00
15	64QAM	36	19	ANT6	DSIO	21.08	21.12	21.04	22.00
15	64QAM	36	39	ANT6	DSIO	20.92	21.09	21.00	22.00
15	64QAM	75	0	ANT6	DSIO	20.95	21.01	20.98	22.00
15	256QAM	1	0	ANT6	DSIO	19.52	19.60	19.43	20.00
15	256QAM	1	37	ANT6	DSIO	19.39	19.54	19.53	20.00
15	256QAM	1	74	ANT6	DSIO	19.40	19.50	19.32	20.00
15	256QAM	36	0	ANT6	DSIO	19.23	19.43	19.38	20.00
15	256QAM	36	19	ANT6	DSIO	19.39	19.37	19.24	20.00
15	256QAM	36	39	ANT6	DSIO	19.25	19.32	19.19	20.00
15	256QAM	75	0	ANT6	DSIO	19.24	19.37	19.34	20.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132072	132322	132572	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSIO	24.16	24.23	24.17	25.00
20	QPSK	1	49	ANT6	DSIO	24.03	24.16	24.12	25.00
20	QPSK	1	99	ANT6	DSIO	24.09	24.10	24.09	25.00
20	QPSK	50	0	ANT6	DSIO	23.23	23.24	23.09	24.00
20	QPSK	50	25	ANT6	DSIO	23.07	23.21	23.06	24.00
20	QPSK	50	50	ANT6	DSIO	23.12	23.13	23.02	24.00
20	QPSK	100	0	ANT6	DSIO	23.06	23.20	23.10	24.00
20	16QAM	1	0	ANT6	DSIO	23.52	23.63	23.49	24.00
20	16QAM	1	49	ANT6	DSIO	23.53	23.54	23.47	24.00
20	16QAM	1	99	ANT6	DSIO	23.48	23.51	23.49	24.00
20	16QAM	50	0	ANT6	DSIO	22.09	22.23	22.22	23.00
20	16QAM	50	25	ANT6	DSIO	22.09	22.20	22.06	23.00
20	16QAM	50	50	ANT6	DSIO	22.04	22.13	22.01	23.00
20	16QAM	100	0	ANT6	DSIO	22.06	22.16	22.11	23.00
20	64QAM	1	0	ANT6	DSIO	22.81	22.92	22.90	23.00
20	64QAM	1	49	ANT6	DSIO	22.60	22.75	22.66	23.00
20	64QAM	1	99	ANT6	DSIO	22.67	22.68	22.66	23.00
20	64QAM	50	0	ANT6	DSIO	21.14	21.18	21.17	22.00
20	64QAM	50	25	ANT6	DSIO	21.11	21.16	21.06	22.00
20	64QAM	50	50	ANT6	DSIO	21.04	21.12	21.08	22.00
20	64QAM	100	0	ANT6	DSIO	21.09	21.12	21.06	22.00
20	256QAM	1	0	ANT6	DSIO	19.62	19.66	19.51	20.00
20	256QAM	1	49	ANT6	DSIO	19.48	19.60	19.55	20.00
20	256QAM	1	99	ANT6	DSIO	19.54	19.56	19.45	20.00
20	256QAM	50	0	ANT6	DSIO	19.36	19.51	19.47	20.00
20	256QAM	50	25	ANT6	DSIO	19.44	19.47	19.39	20.00
20	256QAM	50	50	ANT6	DSIO	19.39	19.42	19.28	20.00
20	256QAM	100	0	ANT6	DSIO	19.37	19.46	19.42	20.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131979	132322	132665	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSI1	15.26	15.36	15.29	16.00
1.4	QPSK	1	2	ANT6	DSI1	15.28	15.26	15.23	16.00
1.4	QPSK	1	5	ANT6	DSI1	15.15	15.18	15.17	16.00
1.4	QPSK	3	0	ANT6	DSI1	15.20	15.35	15.13	16.00
1.4	QPSK	3	1	ANT6	DSI1	15.16	15.22	15.13	16.00
1.4	QPSK	3	3	ANT6	DSI1	15.20	15.29	15.18	16.00
1.4	QPSK	6	0	ANT6	DSI1	15.35	15.36	15.19	16.00
1.4	16QAM	1	0	ANT6	DSI1	15.33	15.22	15.27	16.00
1.4	16QAM	1	2	ANT6	DSI1	15.02	15.10	14.97	16.00
1.4	16QAM	1	5	ANT6	DSI1	15.16	15.27	15.08	16.00
1.4	16QAM	3	0	ANT6	DSI1	15.10	15.33	15.15	16.00
1.4	16QAM	3	1	ANT6	DSI1	15.09	15.22	15.01	16.00
1.4	16QAM	3	3	ANT6	DSI1	15.07	15.24	15.13	16.00
1.4	16QAM	6	0	ANT6	DSI1	15.13	15.29	15.20	16.00
1.4	64QAM	1	0	ANT6	DSI1	15.26	15.22	15.08	16.00
1.4	64QAM	1	2	ANT6	DSI1	15.10	15.10	15.12	16.00
1.4	64QAM	1	5	ANT6	DSI1	15.05	15.16	15.08	16.00
1.4	64QAM	3	0	ANT6	DSI1	15.23	15.29	15.11	16.00
1.4	64QAM	3	1	ANT6	DSI1	15.06	15.19	14.95	16.00
1.4	64QAM	3	3	ANT6	DSI1	15.13	15.13	15.12	16.00
1.4	64QAM	6	0	ANT6	DSI1	15.12	15.25	15.24	16.00
1.4	256QAM	1	0	ANT6	DSI1	15.06	15.21	14.97	16.00
1.4	256QAM	1	2	ANT6	DSI1	15.14	15.29	15.09	16.00
1.4	256QAM	1	5	ANT6	DSI1	14.97	15.05	15.03	16.00
1.4	256QAM	3	0	ANT6	DSI1	15.08	15.17	15.00	16.00
1.4	256QAM	3	1	ANT6	DSI1	15.18	15.30	15.20	16.00
1.4	256QAM	3	3	ANT6	DSI1	14.90	15.03	15.09	16.00
1.4	256QAM	6	0	ANT6	DSI1	15.11	15.14	15.18	16.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131987	132322	132657	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSI1	15.26	15.40	15.26	16.00
3	QPSK	1	7	ANT6	DSI1	15.28	15.31	15.27	16.00
3	QPSK	1	14	ANT6	DSI1	15.05	15.16	15.16	16.00
3	QPSK	8	0	ANT6	DSI1	15.28	15.37	15.23	16.00
3	QPSK	8	3	ANT6	DSI1	15.15	15.22	15.09	16.00
3	QPSK	8	7	ANT6	DSI1	15.27	15.23	15.10	16.00
3	QPSK	15	0	ANT6	DSI1	15.28	15.25	15.15	16.00
3	16QAM	1	0	ANT6	DSI1	15.30	15.34	15.23	16.00
3	16QAM	1	7	ANT6	DSI1	15.09	15.14	15.04	16.00
3	16QAM	1	14	ANT6	DSI1	15.08	15.28	15.15	16.00
3	16QAM	8	0	ANT6	DSI1	15.19	15.25	15.15	16.00
3	16QAM	8	3	ANT6	DSI1	15.20	15.18	15.09	16.00
3	16QAM	8	7	ANT6	DSI1	15.09	15.27	15.16	16.00
3	16QAM	15	0	ANT6	DSI1	15.11	15.27	15.17	16.00
3	64QAM	1	0	ANT6	DSI1	15.26	15.17	15.08	16.00
3	64QAM	1	7	ANT6	DSI1	15.08	15.10	15.02	16.00
3	64QAM	1	14	ANT6	DSI1	15.00	15.17	14.98	16.00
3	64QAM	8	0	ANT6	DSI1	15.25	15.23	15.07	16.00
3	64QAM	8	3	ANT6	DSI1	15.09	15.10	15.06	16.00
3	64QAM	8	7	ANT6	DSI1	15.13	15.26	15.12	16.00
3	64QAM	15	0	ANT6	DSI1	15.12	15.36	15.18	16.00
3	256QAM	1	0	ANT6	DSI1	15.03	15.15	15.09	16.00
3	256QAM	1	7	ANT6	DSI1	15.15	15.35	15.16	16.00
3	256QAM	1	14	ANT6	DSI1	14.96	15.11	14.94	16.00
3	256QAM	8	0	ANT6	DSI1	15.02	15.14	15.11	16.00
3	256QAM	8	3	ANT6	DSI1	15.08	15.26	15.25	16.00
3	256QAM	8	7	ANT6	DSI1	14.86	15.09	15.04	16.00
3	256QAM	15	0	ANT6	DSI1	14.98	15.11	15.14	16.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131997	132322	132647	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSI1	15.15	15.30	15.29	16.00
5	QPSK	1	12	ANT6	DSI1	15.30	15.29	15.24	16.00
5	QPSK	1	24	ANT6	DSI1	15.11	15.25	15.26	16.00
5	QPSK	12	0	ANT6	DSI1	15.27	15.35	15.17	16.00
5	QPSK	12	6	ANT6	DSI1	15.07	15.28	15.12	16.00
5	QPSK	12	13	ANT6	DSI1	15.18	15.20	15.17	16.00
5	QPSK	25	0	ANT6	DSI1	15.26	15.32	15.17	16.00
5	16QAM	1	0	ANT6	DSI1	15.21	15.31	15.26	16.00
5	16QAM	1	12	ANT6	DSI1	14.98	15.18	14.96	16.00
5	16QAM	1	24	ANT6	DSI1	15.11	15.30	15.04	16.00
5	16QAM	12	0	ANT6	DSI1	15.15	15.21	15.28	16.00
5	16QAM	12	6	ANT6	DSI1	15.11	15.18	15.05	16.00
5	16QAM	12	13	ANT6	DSI1	15.10	15.20	15.18	16.00
5	16QAM	25	0	ANT6	DSI1	15.18	15.30	15.19	16.00
5	64QAM	1	0	ANT6	DSI1	15.25	15.22	15.08	16.00
5	64QAM	1	12	ANT6	DSI1	15.07	15.11	15.11	16.00
5	64QAM	1	24	ANT6	DSI1	15.11	15.26	15.02	16.00
5	64QAM	12	0	ANT6	DSI1	15.18	15.29	15.06	16.00
5	64QAM	12	6	ANT6	DSI1	15.04	15.10	15.06	16.00
5	64QAM	12	13	ANT6	DSI1	15.00	15.18	15.08	16.00
5	64QAM	25	0	ANT6	DSI1	15.13	15.27	15.25	16.00
5	256QAM	1	0	ANT6	DSI1	15.05	15.17	15.01	16.00
5	256QAM	1	12	ANT6	DSI1	15.18	15.28	15.21	16.00
5	256QAM	1	24	ANT6	DSI1	14.94	15.07	14.96	16.00
5	256QAM	12	0	ANT6	DSI1	15.05	15.07	15.11	16.00
5	256QAM	12	6	ANT6	DSI1	15.11	15.28	15.25	16.00
5	256QAM	12	13	ANT6	DSI1	15.00	15.12	15.05	16.00
5	256QAM	25	0	ANT6	DSI1	15.03	15.20	15.08	16.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132022	132322	132622	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSI1	15.13	15.34	15.22	16.00
10	QPSK	1	24	ANT6	DSI1	15.25	15.29	15.15	16.00
10	QPSK	1	49	ANT6	DSI1	15.10	15.23	15.17	16.00
10	QPSK	25	0	ANT6	DSI1	15.24	15.30	15.12	16.00
10	QPSK	25	12	ANT6	DSI1	15.08	15.19	15.15	16.00
10	QPSK	25	25	ANT6	DSI1	15.25	15.25	15.21	16.00
10	QPSK	50	0	ANT6	DSI1	15.28	15.26	15.16	16.00
10	16QAM	1	0	ANT6	DSI1	15.20	15.33	15.15	16.00
10	16QAM	1	24	ANT6	DSI1	15.05	15.15	15.01	16.00
10	16QAM	1	49	ANT6	DSI1	15.07	15.17	15.15	16.00
10	16QAM	25	0	ANT6	DSI1	15.09	15.25	15.15	16.00
10	16QAM	25	12	ANT6	DSI1	15.15	15.21	15.08	16.00
10	16QAM	25	25	ANT6	DSI1	15.03	15.16	15.13	16.00
10	16QAM	50	0	ANT6	DSI1	15.10	15.31	15.15	16.00
10	64QAM	1	0	ANT6	DSI1	15.16	15.21	15.09	16.00
10	64QAM	1	24	ANT6	DSI1	15.14	15.08	15.13	16.00
10	64QAM	1	49	ANT6	DSI1	15.10	15.22	15.03	16.00
10	64QAM	25	0	ANT6	DSI1	15.19	15.21	15.06	16.00
10	64QAM	25	12	ANT6	DSI1	15.12	15.16	15.08	16.00
10	64QAM	25	25	ANT6	DSI1	15.00	15.25	15.08	16.00
10	64QAM	50	0	ANT6	DSI1	15.23	15.24	15.27	16.00
10	256QAM	1	0	ANT6	DSI1	15.15	15.15	14.97	16.00
10	256QAM	1	24	ANT6	DSI1	15.16	15.29	15.09	16.00
10	256QAM	1	49	ANT6	DSI1	14.95	15.07	14.92	16.00
10	256QAM	25	0	ANT6	DSI1	15.00	15.08	15.05	16.00
10	256QAM	25	12	ANT6	DSI1	15.16	15.31	15.23	16.00
10	256QAM	25	25	ANT6	DSI1	14.95	15.10	15.02	16.00
10	256QAM	50	0	ANT6	DSI1	15.10	15.10	15.19	16.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132047	132322	132597	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSI1	15.14	15.35	15.28	16.00
15	QPSK	1	37	ANT6	DSI1	15.18	15.33	15.21	16.00
15	QPSK	1	74	ANT6	DSI1	15.09	15.15	15.24	16.00
15	QPSK	36	0	ANT6	DSI1	15.30	15.25	15.23	16.00
15	QPSK	36	19	ANT6	DSI1	15.12	15.16	15.12	16.00
15	QPSK	36	39	ANT6	DSI1	15.17	15.28	15.18	16.00
15	QPSK	75	0	ANT6	DSI1	15.23	15.37	15.24	16.00
15	16QAM	1	0	ANT6	DSI1	15.21	15.30	15.20	16.00
15	16QAM	1	37	ANT6	DSI1	15.11	15.13	15.01	16.00
15	16QAM	1	74	ANT6	DSI1	15.09	15.26	15.08	16.00
15	16QAM	36	0	ANT6	DSI1	15.15	15.30	15.26	16.00
15	16QAM	36	19	ANT6	DSI1	15.23	15.16	15.03	16.00
15	16QAM	36	39	ANT6	DSI1	15.06	15.25	15.07	16.00
15	16QAM	75	0	ANT6	DSI1	15.20	15.26	15.19	16.00
15	64QAM	1	0	ANT6	DSI1	15.27	15.25	15.10	16.00
15	64QAM	1	37	ANT6	DSI1	15.06	15.09	15.09	16.00
15	64QAM	1	74	ANT6	DSI1	15.03	15.20	14.98	16.00
15	64QAM	36	0	ANT6	DSI1	15.15	15.21	15.12	16.00
15	64QAM	36	19	ANT6	DSI1	15.10	15.19	15.01	16.00
15	64QAM	36	39	ANT6	DSI1	15.01	15.24	15.21	16.00
15	64QAM	75	0	ANT6	DSI1	15.21	15.36	15.29	16.00
15	256QAM	1	0	ANT6	DSI1	15.15	15.13	15.07	16.00
15	256QAM	1	37	ANT6	DSI1	15.16	15.30	15.13	16.00
15	256QAM	1	74	ANT6	DSI1	14.94	15.13	14.97	16.00
15	256QAM	36	0	ANT6	DSI1	15.08	15.15	15.01	16.00
15	256QAM	36	19	ANT6	DSI1	15.15	15.28	15.25	16.00
15	256QAM	36	39	ANT6	DSI1	14.91	15.14	15.04	16.00
15	256QAM	75	0	ANT6	DSI1	15.09	15.14	15.17	16.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132072	132322	132572	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSI1	15.28	15.43	15.36	16.00
20	QPSK	1	49	ANT6	DSI1	15.32	15.38	15.29	16.00
20	QPSK	1	99	ANT6	DSI1	15.16	15.30	15.29	16.00
20	QPSK	50	0	ANT6	DSI1	15.33	15.38	15.26	16.00
20	QPSK	50	25	ANT6	DSI1	15.18	15.30	15.18	16.00
20	QPSK	50	50	ANT6	DSI1	15.28	15.33	15.25	16.00
20	QPSK	100	0	ANT6	DSI1	15.37	15.38	15.29	16.00
20	16QAM	1	0	ANT6	DSI1	15.35	15.36	15.29	16.00
20	16QAM	1	49	ANT6	DSI1	15.12	15.19	15.11	16.00
20	16QAM	1	99	ANT6	DSI1	15.18	15.31	15.17	16.00
20	16QAM	50	0	ANT6	DSI1	15.22	15.35	15.30	16.00
20	16QAM	50	25	ANT6	DSI1	15.24	15.25	15.16	16.00
20	16QAM	50	50	ANT6	DSI1	15.15	15.29	15.19	16.00
20	16QAM	100	0	ANT6	DSI1	15.25	15.36	15.21	16.00
20	64QAM	1	0	ANT6	DSI1	15.28	15.29	15.14	16.00
20	64QAM	1	49	ANT6	DSI1	15.17	15.20	15.16	16.00
20	64QAM	1	99	ANT6	DSI1	15.12	15.27	15.12	16.00
20	64QAM	50	0	ANT6	DSI1	15.29	15.30	15.20	16.00
20	64QAM	50	25	ANT6	DSI1	15.14	15.22	15.10	16.00
20	64QAM	50	50	ANT6	DSI1	15.14	15.28	15.23	16.00
20	64QAM	100	0	ANT6	DSI1	15.26	15.37	15.32	16.00
20	256QAM	1	0	ANT6	DSI1	15.17	15.25	15.12	16.00
20	256QAM	1	49	ANT6	DSI1	15.23	15.37	15.24	16.00
20	256QAM	1	99	ANT6	DSI1	15.02	15.16	15.07	16.00
20	256QAM	50	0	ANT6	DSI1	15.13	15.18	15.12	16.00
20	256QAM	50	25	ANT6	DSI1	15.19	15.32	15.31	16.00
20	256QAM	50	50	ANT6	DSI1	15.01	15.16	15.13	16.00
20	256QAM	100	0	ANT6	DSI1	15.13	15.21	15.20	16.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131979	132322	132665	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSIO	21.13	21.16	21.06	22.00
1.4	QPSK	1	2	ANT6	DSIO	21.12	21.14	21.03	22.00
1.4	QPSK	1	5	ANT6	DSIO	21.03	21.13	21.00	22.00
1.4	QPSK	3	0	ANT6	DSIO	20.99	21.12	21.01	22.00
1.4	QPSK	3	1	ANT6	DSIO	21.02	21.12	21.10	22.00
1.4	QPSK	3	3	ANT6	DSIO	21.09	21.11	20.99	22.00
1.4	QPSK	6	0	ANT6	DSIO	20.01	20.14	20.12	21.00
1.4	16QAM	1	0	ANT6	DSIO	20.39	20.54	20.48	21.00
1.4	16QAM	1	2	ANT6	DSIO	20.40	20.53	20.40	21.00
1.4	16QAM	1	5	ANT6	DSIO	20.53	20.54	20.40	21.00
1.4	16QAM	3	0	ANT6	DSIO	20.22	20.30	20.20	21.00
1.4	16QAM	3	1	ANT6	DSIO	20.31	20.32	20.20	21.00
1.4	16QAM	3	3	ANT6	DSIO	20.24	20.30	20.18	21.00
1.4	16QAM	6	0	ANT6	DSIO	18.87	18.98	18.87	20.00
1.4	64QAM	1	0	ANT6	DSIO	19.21	19.27	19.12	20.00
1.4	64QAM	1	2	ANT6	DSIO	19.29	19.31	19.25	20.00
1.4	64QAM	1	5	ANT6	DSIO	19.18	19.28	19.19	20.00
1.4	64QAM	3	0	ANT6	DSIO	19.16	19.20	19.09	20.00
1.4	64QAM	3	1	ANT6	DSIO	19.11	19.19	19.08	20.00
1.4	64QAM	3	3	ANT6	DSIO	19.12	19.19	19.13	20.00
1.4	64QAM	6	0	ANT6	DSIO	18.22	18.33	18.32	19.00
1.4	256QAM	1	0	ANT6	DSIO	16.17	16.31	16.21	17.00
1.4	256QAM	1	2	ANT6	DSIO	16.29	16.31	16.19	17.00
1.4	256QAM	1	5	ANT6	DSIO	16.18	16.32	16.22	17.00
1.4	256QAM	3	0	ANT6	DSIO	16.31	16.46	16.43	17.00
1.4	256QAM	3	1	ANT6	DSIO	16.39	16.48	16.35	17.00
1.4	256QAM	3	3	ANT6	DSIO	16.37	16.49	16.35	17.00
1.4	256QAM	6	0	ANT6	DSIO	16.29	16.39	16.29	17.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131987	132322	132657	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSIO	21.12	21.08	21.03	22.00
3	QPSK	1	7	ANT6	DSIO	20.88	21.15	21.10	22.00
3	QPSK	1	14	ANT6	DSIO	20.98	21.04	21.02	22.00
3	QPSK	8	0	ANT6	DSIO	20.16	20.17	20.06	21.00
3	QPSK	8	3	ANT6	DSIO	20.01	20.14	20.04	21.00
3	QPSK	8	7	ANT6	DSIO	20.06	20.08	19.93	21.00
3	QPSK	15	0	ANT6	DSIO	20.00	20.18	20.07	21.00
3	16QAM	1	0	ANT6	DSIO	20.48	20.55	20.40	21.00
3	16QAM	1	7	ANT6	DSIO	20.44	20.39	20.38	21.00
3	16QAM	1	14	ANT6	DSIO	20.38	20.45	20.43	21.00
3	16QAM	8	0	ANT6	DSIO	18.98	19.20	19.14	20.00
3	16QAM	8	3	ANT6	DSIO	19.01	19.08	19.01	20.00
3	16QAM	8	7	ANT6	DSIO	18.95	19.04	18.92	20.00
3	16QAM	15	0	ANT6	DSIO	18.91	19.14	19.00	20.00
3	64QAM	1	0	ANT6	DSIO	19.66	19.87	19.76	20.00
3	64QAM	1	7	ANT6	DSIO	19.59	19.73	19.51	20.00
3	64QAM	1	14	ANT6	DSIO	19.62	19.53	19.59	20.00
3	64QAM	8	0	ANT6	DSIO	18.04	18.14	18.10	19.00
3	64QAM	8	3	ANT6	DSIO	18.09	18.13	17.95	19.00
3	64QAM	8	7	ANT6	DSIO	17.94	18.01	17.93	19.00
3	64QAM	15	0	ANT6	DSIO	18.02	18.04	18.00	19.00
3	256QAM	1	0	ANT6	DSIO	16.56	16.61	16.41	17.00
3	256QAM	1	7	ANT6	DSIO	16.41	16.47	16.51	17.00
3	256QAM	1	14	ANT6	DSIO	16.52	16.53	16.39	17.00
3	256QAM	8	0	ANT6	DSIO	16.26	16.44	16.40	17.00
3	256QAM	8	3	ANT6	DSIO	16.39	16.33	16.32	17.00
3	256QAM	8	7	ANT6	DSIO	16.37	16.36	16.22	17.00
3	256QAM	15	0	ANT6	DSIO	16.29	16.45	16.31	17.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131997	132322	132647	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSIO	21.14	21.22	21.08	22.00
5	QPSK	1	12	ANT6	DSIO	20.89	21.08	21.00	22.00
5	QPSK	1	24	ANT6	DSIO	21.02	21.01	21.04	22.00
5	QPSK	12	0	ANT6	DSIO	20.21	20.21	20.00	21.00
5	QPSK	12	6	ANT6	DSIO	20.00	20.06	19.94	21.00
5	QPSK	12	13	ANT6	DSIO	20.07	20.04	19.97	21.00
5	QPSK	25	0	ANT6	DSIO	19.97	20.07	19.95	21.00
5	16QAM	1	0	ANT6	DSIO	20.49	20.51	20.42	21.00
5	16QAM	1	12	ANT6	DSIO	20.43	20.39	20.37	21.00
5	16QAM	1	24	ANT6	DSIO	20.42	20.44	20.36	21.00
5	16QAM	12	0	ANT6	DSIO	18.97	19.10	19.11	20.00
5	16QAM	12	6	ANT6	DSIO	18.96	19.07	18.92	20.00
5	16QAM	12	13	ANT6	DSIO	18.97	18.98	18.96	20.00
5	16QAM	25	0	ANT6	DSIO	19.02	19.07	19.01	20.00
5	64QAM	1	0	ANT6	DSIO	19.77	19.85	19.82	20.00
5	64QAM	1	12	ANT6	DSIO	19.46	19.60	19.62	20.00
5	64QAM	1	24	ANT6	DSIO	19.54	19.62	19.58	20.00
5	64QAM	12	0	ANT6	DSIO	18.11	18.08	18.02	19.00
5	64QAM	12	6	ANT6	DSIO	18.10	18.03	18.05	19.00
5	64QAM	12	13	ANT6	DSIO	17.96	18.01	17.93	19.00
5	64QAM	25	0	ANT6	DSIO	17.94	18.10	18.05	19.00
5	256QAM	1	0	ANT6	DSIO	16.52	16.56	16.38	17.00
5	256QAM	1	12	ANT6	DSIO	16.42	16.57	16.43	17.00
5	256QAM	1	24	ANT6	DSIO	16.51	16.53	16.41	17.00
5	256QAM	12	0	ANT6	DSIO	16.26	16.48	16.38	17.00
5	256QAM	12	6	ANT6	DSIO	16.33	16.35	16.27	17.00
5	256QAM	12	13	ANT6	DSIO	16.34	16.41	16.20	17.00
5	256QAM	25	0	ANT6	DSIO	16.26	16.36	16.37	17.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132022	132322	132622	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSIO	21.05	21.20	21.09	22.00
10	QPSK	1	24	ANT6	DSIO	20.89	21.14	21.06	22.00
10	QPSK	1	49	ANT6	DSIO	21.06	20.96	21.05	22.00
10	QPSK	25	0	ANT6	DSIO	20.16	20.09	20.02	21.00
10	QPSK	25	12	ANT6	DSIO	20.05	20.17	19.94	21.00
10	QPSK	25	25	ANT6	DSIO	20.00	20.05	19.88	21.00
10	QPSK	50	0	ANT6	DSIO	19.94	20.18	20.02	21.00
10	16QAM	1	0	ANT6	DSIO	20.47	20.48	20.39	21.00
10	16QAM	1	24	ANT6	DSIO	20.48	20.53	20.45	21.00
10	16QAM	1	49	ANT6	DSIO	20.38	20.48	20.41	21.00
10	16QAM	25	0	ANT6	DSIO	18.96	19.08	19.07	20.00
10	16QAM	25	12	ANT6	DSIO	19.08	19.12	18.94	20.00
10	16QAM	25	25	ANT6	DSIO	18.97	19.11	18.89	20.00
10	16QAM	50	0	ANT6	DSIO	19.00	19.04	19.01	20.00
10	64QAM	1	0	ANT6	DSIO	19.67	19.82	19.82	20.00
10	64QAM	1	24	ANT6	DSIO	19.53	19.68	19.58	20.00
10	64QAM	1	49	ANT6	DSIO	19.52	19.58	19.61	20.00
10	64QAM	25	0	ANT6	DSIO	18.00	18.06	18.15	19.00
10	64QAM	25	12	ANT6	DSIO	18.10	18.02	18.02	19.00
10	64QAM	25	25	ANT6	DSIO	17.94	18.04	17.99	19.00
10	64QAM	50	0	ANT6	DSIO	17.97	18.05	17.95	19.00
10	256QAM	1	0	ANT6	DSIO	16.47	16.60	16.38	17.00
10	256QAM	1	24	ANT6	DSIO	16.35	16.57	16.40	17.00
10	256QAM	1	49	ANT6	DSIO	16.41	16.44	16.36	17.00
10	256QAM	25	0	ANT6	DSIO	16.28	16.38	16.35	17.00
10	256QAM	25	12	ANT6	DSIO	16.33	16.34	16.27	17.00
10	256QAM	25	25	ANT6	DSIO	16.32	16.29	16.27	17.00
10	256QAM	50	0	ANT6	DSIO	16.23	16.42	16.34	17.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132047	132322	132597	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSIO	21.07	21.14	21.06	22.00
15	QPSK	1	37	ANT6	DSIO	20.93	21.07	21.10	22.00
15	QPSK	1	74	ANT6	DSIO	21.00	20.98	20.94	22.00
15	QPSK	36	0	ANT6	DSIO	20.22	20.20	20.03	21.00
15	QPSK	36	19	ANT6	DSIO	19.95	20.08	20.05	21.00
15	QPSK	36	39	ANT6	DSIO	20.08	20.02	19.87	21.00
15	QPSK	75	0	ANT6	DSIO	19.98	20.16	20.08	21.00
15	16QAM	1	0	ANT6	DSIO	20.41	20.48	20.46	21.00
15	16QAM	1	37	ANT6	DSIO	20.43	20.44	20.36	21.00
15	16QAM	1	74	ANT6	DSIO	20.37	20.50	20.39	21.00
15	16QAM	36	0	ANT6	DSIO	18.95	19.11	19.11	20.00
15	16QAM	36	19	ANT6	DSIO	19.03	19.14	18.98	20.00
15	16QAM	36	39	ANT6	DSIO	19.02	19.10	18.95	20.00
15	16QAM	75	0	ANT6	DSIO	19.01	19.11	19.03	20.00
15	64QAM	1	0	ANT6	DSIO	19.68	19.89	19.89	20.00
15	64QAM	1	37	ANT6	DSIO	19.52	19.72	19.55	20.00
15	64QAM	1	74	ANT6	DSIO	19.65	19.61	19.65	20.00
15	64QAM	36	0	ANT6	DSIO	18.13	18.11	18.11	19.00
15	64QAM	36	19	ANT6	DSIO	18.08	18.12	18.04	19.00
15	64QAM	36	39	ANT6	DSIO	17.92	18.09	18.00	19.00
15	64QAM	75	0	ANT6	DSIO	17.95	18.01	17.98	19.00
15	256QAM	1	0	ANT6	DSIO	16.52	16.60	16.43	17.00
15	256QAM	1	37	ANT6	DSIO	16.39	16.54	16.53	17.00
15	256QAM	1	74	ANT6	DSIO	16.40	16.50	16.32	17.00
15	256QAM	36	0	ANT6	DSIO	16.23	16.43	16.38	17.00
15	256QAM	36	19	ANT6	DSIO	16.39	16.37	16.24	17.00
15	256QAM	36	39	ANT6	DSIO	16.25	16.32	16.19	17.00
15	256QAM	75	0	ANT6	DSIO	16.24	16.37	16.34	17.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132072	132322	132572	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSIO	21.16	21.23	21.17	22.00
20	QPSK	1	49	ANT6	DSIO	21.03	21.16	21.12	22.00
20	QPSK	1	99	ANT6	DSIO	21.09	21.10	21.09	22.00
20	QPSK	50	0	ANT6	DSIO	20.23	20.24	20.09	21.00
20	QPSK	50	25	ANT6	DSIO	20.07	20.21	20.06	21.00
20	QPSK	50	50	ANT6	DSIO	20.12	20.13	20.02	21.00
20	QPSK	100	0	ANT6	DSIO	20.06	20.20	20.10	21.00
20	16QAM	1	0	ANT6	DSIO	20.52	20.63	20.49	21.00
20	16QAM	1	49	ANT6	DSIO	20.53	20.54	20.47	21.00
20	16QAM	1	99	ANT6	DSIO	20.48	20.51	20.49	21.00
20	16QAM	50	0	ANT6	DSIO	19.09	19.23	19.22	20.00
20	16QAM	50	25	ANT6	DSIO	19.09	19.20	19.06	20.00
20	16QAM	50	50	ANT6	DSIO	19.04	19.13	19.01	20.00
20	16QAM	100	0	ANT6	DSIO	19.06	19.16	19.11	20.00
20	64QAM	1	0	ANT6	DSIO	19.81	19.92	19.90	20.00
20	64QAM	1	49	ANT6	DSIO	19.60	19.75	19.66	20.00
20	64QAM	1	99	ANT6	DSIO	19.67	19.68	19.66	20.00
20	64QAM	50	0	ANT6	DSIO	18.14	18.18	18.17	19.00
20	64QAM	50	25	ANT6	DSIO	18.11	18.16	18.06	19.00
20	64QAM	50	50	ANT6	DSIO	18.04	18.12	18.08	19.00
20	64QAM	100	0	ANT6	DSIO	18.09	18.12	18.06	19.00
20	256QAM	1	0	ANT6	DSIO	16.62	16.66	16.51	17.00
20	256QAM	1	49	ANT6	DSIO	16.48	16.60	16.55	17.00
20	256QAM	1	99	ANT6	DSIO	16.54	16.56	16.45	17.00
20	256QAM	50	0	ANT6	DSIO	16.36	16.51	16.47	17.00
20	256QAM	50	25	ANT6	DSIO	16.44	16.47	16.39	17.00
20	256QAM	50	50	ANT6	DSIO	16.39	16.42	16.28	17.00
20	256QAM	100	0	ANT6	DSIO	16.37	16.46	16.42	17.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131979	132322	132665	Tune-up power(dBm)
1.4	QPSK	1	0	ANT6	DSI1	12.26	12.36	12.29	13.00
1.4	QPSK	1	2	ANT6	DSI1	12.28	12.26	12.23	13.00
1.4	QPSK	1	5	ANT6	DSI1	12.15	12.18	12.17	13.00
1.4	QPSK	3	0	ANT6	DSI1	12.20	12.35	12.13	13.00
1.4	QPSK	3	1	ANT6	DSI1	12.16	12.22	12.13	13.00
1.4	QPSK	3	3	ANT6	DSI1	12.20	12.29	12.18	13.00
1.4	QPSK	6	0	ANT6	DSI1	12.35	12.36	12.19	13.00
1.4	16QAM	1	0	ANT6	DSI1	12.33	12.22	12.27	13.00
1.4	16QAM	1	2	ANT6	DSI1	12.02	12.10	11.97	13.00
1.4	16QAM	1	5	ANT6	DSI1	12.16	12.27	12.08	13.00
1.4	16QAM	3	0	ANT6	DSI1	12.10	12.33	12.15	13.00
1.4	16QAM	3	1	ANT6	DSI1	12.09	12.22	12.01	13.00
1.4	16QAM	3	3	ANT6	DSI1	12.07	12.24	12.13	13.00
1.4	16QAM	6	0	ANT6	DSI1	12.13	12.29	12.20	13.00
1.4	64QAM	1	0	ANT6	DSI1	12.26	12.22	12.08	13.00
1.4	64QAM	1	2	ANT6	DSI1	12.10	12.10	12.12	13.00
1.4	64QAM	1	5	ANT6	DSI1	12.05	12.16	12.08	13.00
1.4	64QAM	3	0	ANT6	DSI1	12.23	12.29	12.11	13.00
1.4	64QAM	3	1	ANT6	DSI1	12.06	12.19	11.95	13.00
1.4	64QAM	3	3	ANT6	DSI1	12.13	12.13	12.12	13.00
1.4	64QAM	6	0	ANT6	DSI1	12.12	12.25	12.24	13.00
1.4	256QAM	1	0	ANT6	DSI1	12.06	12.21	11.97	13.00
1.4	256QAM	1	2	ANT6	DSI1	12.14	12.29	12.09	13.00
1.4	256QAM	1	5	ANT6	DSI1	11.97	12.05	12.03	13.00
1.4	256QAM	3	0	ANT6	DSI1	12.08	12.17	12.00	13.00
1.4	256QAM	3	1	ANT6	DSI1	12.18	12.30	12.20	13.00
1.4	256QAM	3	3	ANT6	DSI1	11.90	12.03	12.09	13.00
1.4	256QAM	6	0	ANT6	DSI1	12.11	12.14	12.18	13.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131987	132322	132657	Tune-up power(dBm)
3	QPSK	1	0	ANT6	DSI1	12.26	12.40	12.26	13.00
3	QPSK	1	7	ANT6	DSI1	12.28	12.31	12.27	13.00
3	QPSK	1	14	ANT6	DSI1	12.05	12.16	12.16	13.00
3	QPSK	8	0	ANT6	DSI1	12.28	12.37	12.23	13.00
3	QPSK	8	3	ANT6	DSI1	12.15	12.22	12.09	13.00
3	QPSK	8	7	ANT6	DSI1	12.27	12.23	12.10	13.00
3	QPSK	15	0	ANT6	DSI1	12.28	12.25	12.15	13.00
3	16QAM	1	0	ANT6	DSI1	12.30	12.34	12.23	13.00
3	16QAM	1	7	ANT6	DSI1	12.09	12.14	12.04	13.00
3	16QAM	1	14	ANT6	DSI1	12.08	12.28	12.15	13.00
3	16QAM	8	0	ANT6	DSI1	12.19	12.25	12.15	13.00
3	16QAM	8	3	ANT6	DSI1	12.20	12.18	12.09	13.00
3	16QAM	8	7	ANT6	DSI1	12.09	12.27	12.16	13.00
3	16QAM	15	0	ANT6	DSI1	12.11	12.27	12.17	13.00
3	64QAM	1	0	ANT6	DSI1	12.26	12.17	12.08	13.00
3	64QAM	1	7	ANT6	DSI1	12.08	12.10	12.02	13.00
3	64QAM	1	14	ANT6	DSI1	12.00	12.17	11.98	13.00
3	64QAM	8	0	ANT6	DSI1	12.25	12.23	12.07	13.00
3	64QAM	8	3	ANT6	DSI1	12.09	12.10	12.06	13.00
3	64QAM	8	7	ANT6	DSI1	12.13	12.26	12.12	13.00
3	64QAM	15	0	ANT6	DSI1	12.12	12.36	12.18	13.00
3	256QAM	1	0	ANT6	DSI1	12.03	12.15	12.09	13.00
3	256QAM	1	7	ANT6	DSI1	12.15	12.35	12.16	13.00
3	256QAM	1	14	ANT6	DSI1	11.96	12.11	11.94	13.00
3	256QAM	8	0	ANT6	DSI1	12.02	12.14	12.11	13.00
3	256QAM	8	3	ANT6	DSI1	12.08	12.26	12.25	13.00
3	256QAM	8	7	ANT6	DSI1	11.86	12.09	12.04	13.00
3	256QAM	15	0	ANT6	DSI1	11.98	12.11	12.14	13.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131997	132322	132647	Tune-up power(dBm)
5	QPSK	1	0	ANT6	DSI1	12.15	12.30	12.29	13.00
5	QPSK	1	12	ANT6	DSI1	12.30	12.29	12.24	13.00
5	QPSK	1	24	ANT6	DSI1	12.11	12.25	12.26	13.00
5	QPSK	12	0	ANT6	DSI1	12.27	12.35	12.17	13.00
5	QPSK	12	6	ANT6	DSI1	12.07	12.28	12.12	13.00
5	QPSK	12	13	ANT6	DSI1	12.18	12.20	12.17	13.00
5	QPSK	25	0	ANT6	DSI1	12.26	12.32	12.17	13.00
5	16QAM	1	0	ANT6	DSI1	12.21	12.31	12.26	13.00
5	16QAM	1	12	ANT6	DSI1	11.98	12.18	11.96	13.00
5	16QAM	1	24	ANT6	DSI1	12.11	12.30	12.04	13.00
5	16QAM	12	0	ANT6	DSI1	12.15	12.21	12.28	13.00
5	16QAM	12	6	ANT6	DSI1	12.11	12.18	12.05	13.00
5	16QAM	12	13	ANT6	DSI1	12.10	12.20	12.18	13.00
5	16QAM	25	0	ANT6	DSI1	12.18	12.30	12.19	13.00
5	64QAM	1	0	ANT6	DSI1	12.25	12.22	12.08	13.00
5	64QAM	1	12	ANT6	DSI1	12.07	12.11	12.11	13.00
5	64QAM	1	24	ANT6	DSI1	12.11	12.26	12.02	13.00
5	64QAM	12	0	ANT6	DSI1	12.18	12.29	12.06	13.00
5	64QAM	12	6	ANT6	DSI1	12.04	12.10	12.06	13.00
5	64QAM	12	13	ANT6	DSI1	12.00	12.18	12.08	13.00
5	64QAM	25	0	ANT6	DSI1	12.13	12.27	12.25	13.00
5	256QAM	1	0	ANT6	DSI1	12.05	12.17	12.01	13.00
5	256QAM	1	12	ANT6	DSI1	12.18	12.28	12.21	13.00
5	256QAM	1	24	ANT6	DSI1	11.94	12.07	11.96	13.00
5	256QAM	12	0	ANT6	DSI1	12.05	12.07	12.11	13.00
5	256QAM	12	6	ANT6	DSI1	12.11	12.28	12.25	13.00
5	256QAM	12	13	ANT6	DSI1	12.00	12.12	12.05	13.00
5	256QAM	25	0	ANT6	DSI1	12.03	12.20	12.08	13.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132022	132322	132622	Tune-up power(dBm)
10	QPSK	1	0	ANT6	DSI1	12.13	12.34	12.22	13.00
10	QPSK	1	24	ANT6	DSI1	12.25	12.29	12.15	13.00
10	QPSK	1	49	ANT6	DSI1	12.10	12.23	12.17	13.00
10	QPSK	25	0	ANT6	DSI1	12.24	12.30	12.12	13.00
10	QPSK	25	12	ANT6	DSI1	12.08	12.19	12.15	13.00
10	QPSK	25	25	ANT6	DSI1	12.25	12.25	12.21	13.00
10	QPSK	50	0	ANT6	DSI1	12.28	12.26	12.16	13.00
10	16QAM	1	0	ANT6	DSI1	12.20	12.33	12.15	13.00
10	16QAM	1	24	ANT6	DSI1	12.05	12.15	12.01	13.00
10	16QAM	1	49	ANT6	DSI1	12.07	12.17	12.15	13.00
10	16QAM	25	0	ANT6	DSI1	12.09	12.25	12.15	13.00
10	16QAM	25	12	ANT6	DSI1	12.15	12.21	12.08	13.00
10	16QAM	25	25	ANT6	DSI1	12.03	12.16	12.13	13.00
10	16QAM	50	0	ANT6	DSI1	12.10	12.31	12.15	13.00
10	64QAM	1	0	ANT6	DSI1	12.16	12.21	12.09	13.00
10	64QAM	1	24	ANT6	DSI1	12.14	12.08	12.13	13.00
10	64QAM	1	49	ANT6	DSI1	12.10	12.22	12.03	13.00
10	64QAM	25	0	ANT6	DSI1	12.19	12.21	12.06	13.00
10	64QAM	25	12	ANT6	DSI1	12.12	12.16	12.08	13.00
10	64QAM	25	25	ANT6	DSI1	12.00	12.25	12.08	13.00
10	64QAM	50	0	ANT6	DSI1	12.23	12.24	12.27	13.00
10	256QAM	1	0	ANT6	DSI1	12.15	12.15	11.97	13.00
10	256QAM	1	24	ANT6	DSI1	12.16	12.29	12.09	13.00
10	256QAM	1	49	ANT6	DSI1	11.95	12.07	11.92	13.00
10	256QAM	25	0	ANT6	DSI1	12.00	12.08	12.05	13.00
10	256QAM	25	12	ANT6	DSI1	12.16	12.31	12.23	13.00
10	256QAM	25	25	ANT6	DSI1	11.95	12.10	12.02	13.00
10	256QAM	50	0	ANT6	DSI1	12.10	12.10	12.19	13.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132047	132322	132597	Tune-up power(dBm)
15	QPSK	1	0	ANT6	DSI1	12.14	12.35	12.28	13.00
15	QPSK	1	37	ANT6	DSI1	12.18	12.33	12.21	13.00
15	QPSK	1	74	ANT6	DSI1	12.09	12.15	12.24	13.00
15	QPSK	36	0	ANT6	DSI1	12.30	12.25	12.23	13.00
15	QPSK	36	19	ANT6	DSI1	12.12	12.16	12.12	13.00
15	QPSK	36	39	ANT6	DSI1	12.17	12.28	12.18	13.00
15	QPSK	75	0	ANT6	DSI1	12.23	12.37	12.24	13.00
15	16QAM	1	0	ANT6	DSI1	12.21	12.30	12.20	13.00
15	16QAM	1	37	ANT6	DSI1	12.11	12.13	12.01	13.00
15	16QAM	1	74	ANT6	DSI1	12.09	12.26	12.08	13.00
15	16QAM	36	0	ANT6	DSI1	12.15	12.30	12.26	13.00
15	16QAM	36	19	ANT6	DSI1	12.23	12.16	12.03	13.00
15	16QAM	36	39	ANT6	DSI1	12.06	12.25	12.07	13.00
15	16QAM	75	0	ANT6	DSI1	12.20	12.26	12.19	13.00
15	64QAM	1	0	ANT6	DSI1	12.27	12.25	12.10	13.00
15	64QAM	1	37	ANT6	DSI1	12.06	12.09	12.09	13.00
15	64QAM	1	74	ANT6	DSI1	12.03	12.20	11.98	13.00
15	64QAM	36	0	ANT6	DSI1	12.15	12.21	12.12	13.00
15	64QAM	36	19	ANT6	DSI1	12.10	12.19	12.01	13.00
15	64QAM	36	39	ANT6	DSI1	12.01	12.24	12.21	13.00
15	64QAM	75	0	ANT6	DSI1	12.21	12.36	12.29	13.00
15	256QAM	1	0	ANT6	DSI1	12.15	12.13	12.07	13.00
15	256QAM	1	37	ANT6	DSI1	12.16	12.30	12.13	13.00
15	256QAM	1	74	ANT6	DSI1	11.94	12.13	11.97	13.00
15	256QAM	36	0	ANT6	DSI1	12.08	12.15	12.01	13.00
15	256QAM	36	19	ANT6	DSI1	12.15	12.28	12.25	13.00
15	256QAM	36	39	ANT6	DSI1	11.91	12.14	12.04	13.00
15	256QAM	75	0	ANT6	DSI1	12.09	12.14	12.17	13.00

Band				LTE B66-ENDC					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132072	132322	132572	Tune-up power(dBm)
20	QPSK	1	0	ANT6	DSI1	12.28	12.43	12.36	13.00
20	QPSK	1	49	ANT6	DSI1	12.32	12.38	12.29	13.00
20	QPSK	1	99	ANT6	DSI1	12.16	12.30	12.29	13.00
20	QPSK	50	0	ANT6	DSI1	12.33	12.38	12.26	13.00
20	QPSK	50	25	ANT6	DSI1	12.18	12.30	12.18	13.00
20	QPSK	50	50	ANT6	DSI1	12.28	12.33	12.25	13.00
	QPSK	100	0	ANT6	DSI1	12.37	12.38	12.29	13.00
20	16QAM	1	0	ANT6	DSI1	12.35	12.36	12.29	13.00
20	16QAM	1	49	ANT6	DSI1	12.12	12.19	12.11	13.00
20	16QAM	1	99	ANT6	DSI1	12.18	12.31	12.17	13.00
20	16QAM	50	0	ANT6	DSI1	12.22	12.35	12.30	13.00
20	16QAM	50	25	ANT6	DSI1	12.24	12.25	12.16	13.00
20	16QAM	50	50	ANT6	DSI1	12.15	12.29	12.19	13.00
20	16QAM	100	0	ANT6	DSI1	12.25	12.36	12.21	13.00
20	64QAM	1	0	ANT6	DSI1	12.28	12.29	12.14	13.00
20	64QAM	1	49	ANT6	DSI1	12.17	12.20	12.16	13.00
20	64QAM	1	99	ANT6	DSI1	12.12	12.27	12.12	13.00
20	64QAM	50	0	ANT6	DSI1	12.29	12.30	12.20	13.00
20	64QAM	50	25	ANT6	DSI1	12.14	12.22	12.10	13.00
20	64QAM	50	50	ANT6	DSI1	12.14	12.28	12.23	13.00
20	64QAM	100	0	ANT6	DSI1	12.26	12.37	12.32	13.00
20	256QAM	1	0	ANT6	DSI1	12.17	12.25	12.12	13.00
20	256QAM	1	49	ANT6	DSI1	12.23	12.37	12.24	13.00
20	256QAM	1	99	ANT6	DSI1	12.02	12.16	12.07	13.00
20	256QAM	50	0	ANT6	DSI1	12.13	12.18	12.12	13.00
20	256QAM	50	25	ANT6	DSI1	12.19	12.32	12.31	13.00
20	256QAM	50	50	ANT6	DSI1	12.01	12.16	12.13	13.00
20	256QAM	100	0	ANT6	DSI1	12.13	12.21	12.20	13.00

Band				LTE B71					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	133147	133297	133447	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSIO	23.04	23.11	23.09	24.00
5	QPSK	1	12	ANT2	DSIO	22.98	23.07	23.00	24.00
5	QPSK	1	24	ANT2	DSIO	22.84	23.04	22.85	24.00
5	QPSK	12	0	ANT2	DSIO	21.88	22.00	21.97	23.00
5	QPSK	12	6	ANT2	DSIO	21.94	22.04	21.90	23.00
5	QPSK	12	13	ANT2	DSIO	21.81	21.97	21.89	23.00
5	QPSK	25	0	ANT2	DSIO	21.98	22.06	21.95	23.00
5	16QAM	1	0	ANT2	DSIO	22.50	22.51	22.44	23.00
5	16QAM	1	12	ANT2	DSIO	22.38	22.39	22.44	23.00
5	16QAM	1	24	ANT2	DSIO	22.42	22.35	22.31	23.00
5	16QAM	12	0	ANT2	DSIO	21.05	21.06	21.09	22.00
5	16QAM	12	6	ANT2	DSIO	21.14	21.15	21.11	22.00
5	16QAM	12	13	ANT2	DSIO	21.01	21.09	21.11	22.00
5	16QAM	25	0	ANT2	DSIO	20.97	21.11	20.94	22.00
5	64QAM	1	0	ANT2	DSIO	21.64	21.71	21.63	22.00
5	64QAM	1	12	ANT2	DSIO	21.67	21.65	21.67	22.00
5	64QAM	1	24	ANT2	DSIO	21.61	21.65	21.55	22.00
5	64QAM	12	0	ANT2	DSIO	20.08	20.15	19.94	21.00
5	64QAM	12	6	ANT2	DSIO	20.05	20.17	20.06	21.00
5	64QAM	12	13	ANT2	DSIO	20.02	20.02	20.02	21.00
5	64QAM	25	0	ANT2	DSIO	19.92	19.98	19.84	21.00
5	256QAM	1	0	ANT2	DSIO	18.09	18.22	18.27	19.00
5	256QAM	1	12	ANT2	DSIO	18.20	18.22	18.02	19.00
5	256QAM	1	24	ANT2	DSIO	18.04	18.09	18.04	19.00
5	256QAM	12	0	ANT2	DSIO	17.92	18.00	17.97	19.00
5	256QAM	12	6	ANT2	DSIO	17.94	18.07	17.92	19.00
5	256QAM	12	13	ANT2	DSIO	18.03	17.99	17.93	19.00
5	256QAM	25	0	ANT2	DSIO	17.89	17.91	17.81	19.00

Band				LTE B71					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	133172	133297	133422	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSIO	23.02	23.15	23.00	24.00
10	QPSK	1	24	ANT2	DSIO	22.98	23.07	22.99	24.00
10	QPSK	1	49	ANT2	DSIO	22.93	22.94	22.90	24.00
10	QPSK	25	0	ANT2	DSIO	21.94	21.96	21.97	23.00
10	QPSK	25	12	ANT2	DSIO	21.89	22.00	21.95	23.00
10	QPSK	25	25	ANT2	DSIO	21.93	21.93	21.86	23.00
10	QPSK	50	0	ANT2	DSIO	21.91	21.96	21.97	23.00
10	16QAM	1	0	ANT2	DSIO	22.52	22.55	22.35	23.00
10	16QAM	1	24	ANT2	DSIO	22.32	22.40	22.45	23.00
10	16QAM	1	49	ANT2	DSIO	22.35	22.48	22.28	23.00
10	16QAM	25	0	ANT2	DSIO	20.98	21.19	21.10	22.00
10	16QAM	25	12	ANT2	DSIO	21.07	21.10	21.10	22.00
10	16QAM	25	25	ANT2	DSIO	21.13	21.03	21.01	22.00
10	16QAM	50	0	ANT2	DSIO	20.93	21.07	20.94	22.00
10	64QAM	1	0	ANT2	DSIO	21.57	21.78	21.70	22.00
10	64QAM	1	24	ANT2	DSIO	21.71	21.78	21.70	22.00
10	64QAM	1	49	ANT2	DSIO	21.67	21.64	21.52	22.00
10	64QAM	25	0	ANT2	DSIO	20.07	20.08	20.03	21.00
10	64QAM	25	12	ANT2	DSIO	20.13	20.16	20.11	21.00
10	64QAM	25	25	ANT2	DSIO	19.95	20.05	19.89	21.00
10	64QAM	50	0	ANT2	DSIO	19.96	20.03	19.84	21.00
10	256QAM	1	0	ANT2	DSIO	18.11	18.20	18.30	19.00
10	256QAM	1	24	ANT2	DSIO	18.11	18.21	18.09	19.00
10	256QAM	1	49	ANT2	DSIO	18.01	18.07	18.06	19.00
10	256QAM	25	0	ANT2	DSIO	17.97	18.00	17.89	19.00
10	256QAM	25	12	ANT2	DSIO	17.87	18.00	17.92	19.00
10	256QAM	25	25	ANT2	DSIO	18.08	18.07	17.94	19.00
10	256QAM	50	0	ANT2	DSIO	17.92	17.99	17.88	19.00

Band				LTE B71					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	133197	133297	133397	Tune-up power(dBm)
15	QPSK	1	0	ANT2	DSIO	23.02	23.09	23.04	24.00
15	QPSK	1	37	ANT2	DSIO	23.08	23.11	22.98	24.00
15	QPSK	1	74	ANT2	DSIO	22.94	23.03	22.82	24.00
15	QPSK	36	0	ANT2	DSIO	21.88	21.97	21.92	23.00
15	QPSK	36	19	ANT2	DSIO	21.88	22.03	21.85	23.00
15	QPSK	36	39	ANT2	DSIO	21.95	22.03	21.88	23.00
15	QPSK	75	0	ANT2	DSIO	21.91	21.97	22.02	23.00
15	16QAM	1	0	ANT2	DSIO	22.44	22.54	22.40	23.00
15	16QAM	1	37	ANT2	DSIO	22.31	22.40	22.39	23.00
15	16QAM	1	74	ANT2	DSIO	22.32	22.48	22.29	23.00
15	16QAM	36	0	ANT2	DSIO	20.93	21.14	21.11	22.00
15	16QAM	36	19	ANT2	DSIO	21.05	21.12	21.01	22.00
15	16QAM	36	39	ANT2	DSIO	21.01	21.07	21.08	22.00
15	16QAM	75	0	ANT2	DSIO	20.98	21.08	21.00	22.00
15	64QAM	1	0	ANT2	DSIO	21.70	21.81	21.63	22.00
15	64QAM	1	37	ANT2	DSIO	21.61	21.67	21.61	22.00
15	64QAM	1	74	ANT2	DSIO	21.59	21.65	21.61	22.00
15	64QAM	36	0	ANT2	DSIO	20.04	20.05	19.96	21.00
15	64QAM	36	19	ANT2	DSIO	20.12	20.09	20.01	21.00
15	64QAM	36	39	ANT2	DSIO	19.97	20.01	19.92	21.00
15	64QAM	75	0	ANT2	DSIO	19.99	20.05	19.88	21.00
15	256QAM	1	0	ANT2	DSIO	18.15	18.26	18.27	19.00
15	256QAM	1	37	ANT2	DSIO	18.19	18.14	18.14	19.00
15	256QAM	1	74	ANT2	DSIO	17.98	18.12	18.14	19.00
15	256QAM	36	0	ANT2	DSIO	17.89	17.98	18.00	19.00
15	256QAM	36	19	ANT2	DSIO	17.84	18.04	17.93	19.00
15	256QAM	36	39	ANT2	DSIO	17.97	17.97	17.93	19.00
15	256QAM	75	0	ANT2	DSIO	17.83	18.05	17.91	19.00

Band				LTE B71					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	133222	133322	133372	Tune-up power(dBm)
20	QPSK	1	0	ANT2	DSIO	23.10	23.19	23.13	24.00
20	QPSK	1	49	ANT2	DSIO	23.09	23.12	23.02	24.00
20	QPSK	1	99	ANT2	DSIO	22.96	23.05	22.96	24.00
20	QPSK	50	0	ANT2	DSIO	22.00	22.09	22.02	23.00
20	QPSK	50	25	ANT2	DSIO	22.01	22.08	21.97	23.00
20	QPSK	50	50	ANT2	DSIO	21.96	22.05	21.91	23.00
20	QPSK	100	0	ANT2	DSIO	22.02	22.07	22.06	23.00
20	16QAM	1	0	ANT2	DSIO	22.53	22.58	22.50	23.00
20	16QAM	1	49	ANT2	DSIO	22.40	22.53	22.50	23.00
20	16QAM	1	99	ANT2	DSIO	22.46	22.49	22.41	23.00
20	16QAM	50	0	ANT2	DSIO	21.07	21.20	21.16	22.00
20	16QAM	50	25	ANT2	DSIO	21.15	21.17	21.16	22.00
20	16QAM	50	50	ANT2	DSIO	21.15	21.17	21.12	22.00
20	16QAM	100	0	ANT2	DSIO	21.04	21.16	21.03	22.00
20	64QAM	1	0	ANT2	DSIO	21.72	21.82	21.75	22.00
20	64QAM	1	49	ANT2	DSIO	21.75	21.80	21.75	22.00
20	64QAM	1	99	ANT2	DSIO	21.69	21.73	21.63	22.00
20	64QAM	50	0	ANT2	DSIO	20.09	20.20	20.09	21.00
20	64QAM	50	25	ANT2	DSIO	20.14	20.20	20.12	21.00
20	64QAM	50	50	ANT2	DSIO	20.09	20.15	20.04	21.00
20	64QAM	100	0	ANT2	DSIO	20.04	20.09	19.98	21.00
20	256QAM	1	0	ANT2	DSIO	18.21	18.33	18.32	19.00
20	256QAM	1	49	ANT2	DSIO	18.21	18.28	18.16	19.00
20	256QAM	1	99	ANT2	DSIO	18.08	18.21	18.18	19.00
20	256QAM	50	0	ANT2	DSIO	18.04	18.13	18.02	19.00
20	256QAM	50	25	ANT2	DSIO	17.99	18.11	18.00	19.00
20	256QAM	50	50	ANT2	DSIO	18.10	18.11	18.03	19.00
20	256QAM	100	0	ANT2	DSIO	17.97	18.06	17.96	19.00

Band				LTE B71					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	133147	133297	133447	Tune-up power(dBm)
5	QPSK	1	0	ANT2	DSI1	20.56	20.71	20.53	21.00
5	QPSK	1	12	ANT2	DSI1	20.53	20.44	20.46	21.00
5	QPSK	1	24	ANT2	DSI1	20.46	20.54	20.49	21.00
5	QPSK	12	0	ANT2	DSI1	20.34	20.46	20.54	21.00
5	QPSK	12	6	ANT2	DSI1	20.51	20.59	20.50	21.00
5	QPSK	12	13	ANT2	DSI1	20.44	20.58	20.50	21.00
5	QPSK	25	0	ANT2	DSI1	20.46	20.42	20.41	21.00
5	16QAM	1	0	ANT2	DSI1	20.22	20.42	20.41	21.00
5	16QAM	1	12	ANT2	DSI1	20.47	20.55	20.49	21.00
5	16QAM	1	24	ANT2	DSI1	20.37	20.50	20.36	21.00
5	16QAM	12	0	ANT2	DSI1	20.37	20.49	20.47	21.00
5	16QAM	12	6	ANT2	DSI1	20.52	20.58	20.52	21.00
5	16QAM	12	13	ANT2	DSI1	20.49	20.61	20.51	21.00
5	16QAM	25	0	ANT2	DSI1	20.47	20.48	20.35	21.00
5	64QAM	1	0	ANT2	DSI1	20.24	20.33	20.24	21.00
5	64QAM	1	12	ANT2	DSI1	20.52	20.48	20.41	21.00
5	64QAM	1	24	ANT2	DSI1	20.58	20.49	20.52	21.00
5	64QAM	12	0	ANT2	DSI1	20.44	20.51	20.34	21.00
5	64QAM	12	6	ANT2	DSI1	20.44	20.48	20.46	21.00
5	64QAM	12	13	ANT2	DSI1	20.39	20.58	20.55	21.00
5	64QAM	25	0	ANT2	DSI1	20.41	20.51	20.47	21.00
5	256QAM	1	0	ANT2	DSI1	18.70	18.70	18.70	19.00
5	256QAM	1	12	ANT2	DSI1	18.57	18.59	18.63	19.00
5	256QAM	1	24	ANT2	DSI1	18.68	18.64	18.57	19.00
5	256QAM	12	0	ANT2	DSI1	18.32	18.36	18.28	19.00
5	256QAM	12	6	ANT2	DSI1	18.30	18.43	18.40	19.00
5	256QAM	12	13	ANT2	DSI1	18.41	18.60	18.58	19.00
5	256QAM	25	0	ANT2	DSI1	18.28	18.49	18.39	19.00

Band				LTE B71					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	133172	133297	133422	Tune-up power(dBm)
10	QPSK	1	0	ANT2	DSI1	20.50	20.59	20.59	21.00
10	QPSK	1	24	ANT2	DSI1	20.53	20.48	20.51	21.00
10	QPSK	1	49	ANT2	DSI1	20.53	20.55	20.56	21.00
10	QPSK	25	0	ANT2	DSI1	20.37	20.57	20.44	21.00
10	QPSK	25	12	ANT2	DSI1	20.46	20.56	20.48	21.00
10	QPSK	25	25	ANT2	DSI1	20.47	20.50	20.41	21.00
10	QPSK	50	0	ANT2	DSI1	20.38	20.55	20.53	21.00
10	16QAM	1	0	ANT2	DSI1	20.30	20.37	20.31	21.00
10	16QAM	1	24	ANT2	DSI1	20.44	20.52	20.40	21.00
10	16QAM	1	49	ANT2	DSI1	20.34	20.38	20.38	21.00
10	16QAM	25	0	ANT2	DSI1	20.34	20.43	20.37	21.00
10	16QAM	25	12	ANT2	DSI1	20.49	20.57	20.41	21.00
10	16QAM	25	25	ANT2	DSI1	20.59	20.53	20.42	21.00
10	16QAM	50	0	ANT2	DSI1	20.49	20.50	20.39	21.00
10	64QAM	1	0	ANT2	DSI1	20.26	20.32	20.20	21.00
10	64QAM	1	24	ANT2	DSI1	20.47	20.51	20.38	21.00
10	64QAM	1	49	ANT2	DSI1	20.53	20.53	20.55	21.00
10	64QAM	25	0	ANT2	DSI1	20.43	20.52	20.44	21.00
10	64QAM	25	12	ANT2	DSI1	20.53	20.51	20.50	21.00
10	64QAM	25	25	ANT2	DSI1	20.50	20.50	20.58	21.00
10	64QAM	50	0	ANT2	DSI1	20.37	20.49	20.40	21.00
10	256QAM	1	0	ANT2	DSI1	18.66	18.79	18.58	19.00
10	256QAM	1	24	ANT2	DSI1	18.57	18.64	18.64	19.00
10	256QAM	1	49	ANT2	DSI1	18.60	18.73	18.59	19.00
10	256QAM	25	0	ANT2	DSI1	18.32	18.47	18.34	19.00
10	256QAM	25	12	ANT2	DSI1	18.37	18.46	18.40	19.00
10	256QAM	25	25	ANT2	DSI1	18.45	18.48	18.47	19.00
10	256QAM	50	0	ANT2	DSI1	18.37	18.52	18.31	19.00

Band				LTE B71					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	133197	133297	133397	Tune-up power(dBm)
15	QPSK	1	0	ANT2	DSI1	20.45	20.66	20.62	21.00
15	QPSK	1	37	ANT2	DSI1	20.45	20.52	20.43	21.00
15	QPSK	1	74	ANT2	DSI1	20.47	20.50	20.51	21.00
15	QPSK	36	0	ANT2	DSI1	20.41	20.45	20.44	21.00
15	QPSK	36	19	ANT2	DSI1	20.55	20.52	20.56	21.00
15	QPSK	36	39	ANT2	DSI1	20.56	20.52	20.45	21.00
15	QPSK	75	0	ANT2	DSI1	20.46	20.54	20.43	21.00
15	16QAM	1	0	ANT2	DSI1	20.30	20.36	20.31	21.00
15	16QAM	1	37	ANT2	DSI1	20.53	20.55	20.41	21.00
15	16QAM	1	74	ANT2	DSI1	20.42	20.44	20.41	21.00
15	16QAM	36	0	ANT2	DSI1	20.43	20.49	20.45	21.00
15	16QAM	36	19	ANT2	DSI1	20.52	20.62	20.49	21.00
15	16QAM	36	39	ANT2	DSI1	20.61	20.54	20.51	21.00
15	16QAM	75	0	ANT2	DSI1	20.49	20.39	20.31	21.00
15	64QAM	1	0	ANT2	DSI1	20.26	20.36	20.24	21.00
15	64QAM	1	37	ANT2	DSI1	20.59	20.51	20.35	21.00
15	64QAM	1	74	ANT2	DSI1	20.46	20.56	20.47	21.00
15	64QAM	36	0	ANT2	DSI1	20.43	20.52	20.37	21.00
15	64QAM	36	19	ANT2	DSI1	20.54	20.47	20.40	21.00
15	64QAM	36	39	ANT2	DSI1	20.40	20.64	20.51	21.00
15	64QAM	75	0	ANT2	DSI1	20.48	20.48	20.42	21.00
15	256QAM	1	0	ANT2	DSI1	18.65	18.72	18.63	19.00
15	256QAM	1	37	ANT2	DSI1	18.62	18.69	18.66	19.00
15	256QAM	1	74	ANT2	DSI1	18.60	18.65	18.50	19.00
15	256QAM	36	0	ANT2	DSI1	18.34	18.39	18.33	19.00
15	256QAM	36	19	ANT2	DSI1	18.38	18.49	18.34	19.00
15	256QAM	36	39	ANT2	DSI1	18.42	18.56	18.54	19.00
15	256QAM	75	0	ANT2	DSI1	18.32	18.44	18.42	19.00

Band				LTE B71					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	133222	133322	133372	Tune-up power(dBm)
20	QPSK	1	0	ANT2	DSI1	20.58	20.72	20.64	21.00
20	QPSK	1	49	ANT2	DSI1	20.56	20.59	20.56	21.00
20	QPSK	1	99	ANT2	DSI1	20.59	20.65	20.60	21.00
20	QPSK	50	0	ANT2	DSI1	20.47	20.58	20.57	21.00
20	QPSK	50	25	ANT2	DSI1	20.56	20.61	20.59	21.00
20	QPSK	50	50	ANT2	DSI1	20.59	20.63	20.54	21.00
20	QPSK	100	0	ANT2	DSI1	20.50	20.57	20.55	21.00
20	16QAM	1	0	ANT2	DSI1	20.33	20.48	20.44	21.00
20	16QAM	1	49	ANT2	DSI1	20.54	20.60	20.53	21.00
20	16QAM	1	99	ANT2	DSI1	20.49	20.53	20.48	21.00
20	16QAM	50	0	ANT2	DSI1	20.48	20.54	20.51	21.00
20	16QAM	50	25	ANT2	DSI1	20.56	20.65	20.53	21.00
20	16QAM	50	50	ANT2	DSI1	20.62	20.67	20.57	21.00
20	16QAM	100	0	ANT2	DSI1	20.51	20.54	20.44	21.00
20	64QAM	1	0	ANT2	DSI1	20.31	20.45	20.32	21.00
20	64QAM	1	49	ANT2	DSI1	20.60	20.61	20.47	21.00
20	64QAM	1	99	ANT2	DSI1	20.61	20.63	20.60	21.00
20	64QAM	50	0	ANT2	DSI1	20.45	20.55	20.48	21.00
20	64QAM	50	25	ANT2	DSI1	20.56	20.62	20.53	21.00
20	64QAM	50	50	ANT2	DSI1	20.51	20.65	20.59	21.00
20	64QAM	100	0	ANT2	DSI1	20.51	20.53	20.49	21.00
20	256QAM	1	0	ANT2	DSI1	18.73	18.81	18.72	19.00
20	256QAM	1	49	ANT2	DSI1	18.66	18.71	18.67	19.00
20	256QAM	1	99	ANT2	DSI1	18.74	18.77	18.65	19.00
20	256QAM	50	0	ANT2	DSI1	18.47	18.50	18.40	19.00
20	256QAM	50	25	ANT2	DSI1	18.44	18.54	18.45	19.00
20	256QAM	50	50	ANT2	DSI1	18.55	18.62	18.61	19.00
20	256QAM	100	0	ANT2	DSI1	18.41	18.53	18.43	19.00

Band				LTE B38					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	37775	38000	38225	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSIO	24.60	24.66	24.57	25.50
5	QPSK	1	12	ANT4	DSIO	24.65	24.70	24.61	25.50
5	QPSK	1	24	ANT4	DSIO	24.62	24.70	24.62	25.50
5	QPSK	12	0	ANT4	DSIO	23.66	23.74	23.65	24.50
5	QPSK	12	6	ANT4	DSIO	23.66	23.73	23.67	24.50
5	QPSK	12	13	ANT4	DSIO	23.67	23.69	23.61	24.50
5	QPSK	25	0	ANT4	DSIO	23.72	23.75	23.70	24.50
5	16QAM	1	0	ANT4	DSIO	23.96	24.03	23.90	24.50
5	16QAM	1	12	ANT4	DSIO	24.00	23.96	23.92	24.50
5	16QAM	1	24	ANT4	DSIO	23.98	24.00	23.93	24.50
5	16QAM	12	0	ANT4	DSIO	22.77	22.79	22.64	23.50
5	16QAM	12	6	ANT4	DSIO	22.80	22.81	22.72	23.50
5	16QAM	12	13	ANT4	DSIO	22.80	22.79	22.69	23.50
5	16QAM	25	0	ANT4	DSIO	22.72	22.74	22.70	23.50
5	64QAM	1	0	ANT4	DSIO	22.86	22.74	23.11	23.50
5	64QAM	1	12	ANT4	DSIO	22.96	22.72	23.09	23.50
5	64QAM	1	24	ANT4	DSIO	22.89	22.73	23.08	23.50
5	64QAM	12	0	ANT4	DSIO	21.61	21.71	21.73	22.50
5	64QAM	12	6	ANT4	DSIO	21.61	21.69	21.77	22.50
5	64QAM	12	13	ANT4	DSIO	21.62	21.70	21.75	22.50
5	64QAM	25	0	ANT4	DSIO	21.60	21.73	21.61	22.50
5	256QAM	1	0	ANT4	DSIO	19.90	20.06	20.01	20.50
5	256QAM	1	12	ANT4	DSIO	19.96	20.07	19.98	20.50
5	256QAM	1	24	ANT4	DSIO	19.92	20.10	20.01	20.50
5	256QAM	12	0	ANT4	DSIO	19.60	19.62	19.51	20.50
5	256QAM	12	6	ANT4	DSIO	19.57	19.61	19.55	20.50
5	256QAM	12	13	ANT4	DSIO	19.60	19.66	19.54	20.50
5	256QAM	25	0	ANT4	DSIO	19.57	19.65	19.59	20.50

Band				LTE B38					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	37800	38000	38200	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSIO	24.63	24.76	24.66	25.50
10	QPSK	1	24	ANT4	DSIO	24.69	24.74	24.63	25.50
10	QPSK	1	49	ANT4	DSIO	24.76	24.73	24.67	25.50
10	QPSK	25	0	ANT4	DSIO	23.68	23.73	23.64	24.50
10	QPSK	25	12	ANT4	DSIO	23.70	23.74	23.71	24.50
10	QPSK	25	25	ANT4	DSIO	23.72	23.74	23.76	24.50
10	QPSK	50	0	ANT4	DSIO	23.70	23.75	23.69	24.50
10	16QAM	1	0	ANT4	DSIO	23.94	24.03	24.13	24.50
10	16QAM	1	24	ANT4	DSIO	23.98	24.02	24.11	24.50
10	16QAM	1	49	ANT4	DSIO	23.98	24.03	24.14	24.50
10	16QAM	25	0	ANT4	DSIO	22.63	22.72	22.63	23.50
10	16QAM	25	12	ANT4	DSIO	22.68	22.68	22.70	23.50
10	16QAM	25	25	ANT4	DSIO	22.68	22.73	22.74	23.50
10	16QAM	50	0	ANT4	DSIO	22.71	22.73	22.75	23.50
10	64QAM	1	0	ANT4	DSIO	22.52	23.10	22.83	23.50
10	64QAM	1	24	ANT4	DSIO	22.56	23.11	22.81	23.50
10	64QAM	1	49	ANT4	DSIO	22.60	23.12	22.84	23.50
10	64QAM	25	0	ANT4	DSIO	21.68	21.66	21.55	22.50
10	64QAM	25	12	ANT4	DSIO	21.71	21.67	21.59	22.50
10	64QAM	25	25	ANT4	DSIO	21.74	21.68	21.64	22.50
10	64QAM	50	0	ANT4	DSIO	21.67	21.66	21.62	22.50
10	256QAM	1	0	ANT4	DSIO	19.74	19.48	19.94	20.50
10	256QAM	1	24	ANT4	DSIO	19.78	19.45	20.02	20.50
10	256QAM	1	49	ANT4	DSIO	19.82	19.47	19.98	20.50
10	256QAM	25	0	ANT4	DSIO	19.60	19.65	19.56	20.50
10	256QAM	25	12	ANT4	DSIO	19.62	19.67	19.63	20.50
10	256QAM	25	25	ANT4	DSIO	19.64	19.68	19.63	20.50
10	256QAM	50	0	ANT4	DSIO	19.63	19.59	19.60	20.50

Band				LTE B38					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	37825	38000	38175	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSIO	24.61	24.75	24.77	25.50
15	QPSK	1	37	ANT4	DSIO	24.77	24.81	24.76	25.50
15	QPSK	1	74	ANT4	DSIO	24.75	24.74	24.80	25.50
15	QPSK	36	0	ANT4	DSIO	23.62	23.66	23.61	24.50
15	QPSK	36	19	ANT4	DSIO	23.66	23.71	23.64	24.50
15	QPSK	36	39	ANT4	DSIO	23.66	23.72	23.68	24.50
15	QPSK	75	0	ANT4	DSIO	23.67	23.68	23.67	24.50
15	16QAM	1	0	ANT4	DSIO	23.98	24.06	24.02	24.50
15	16QAM	1	37	ANT4	DSIO	24.05	24.13	24.03	24.50
15	16QAM	1	74	ANT4	DSIO	24.00	24.06	24.01	24.50
15	16QAM	36	0	ANT4	DSIO	22.68	22.67	22.67	23.50
15	16QAM	36	19	ANT4	DSIO	22.73	22.70	22.66	23.50
15	16QAM	36	39	ANT4	DSIO	22.70	22.77	22.75	23.50
15	16QAM	75	0	ANT4	DSIO	22.74	22.64	22.67	23.50
15	64QAM	1	0	ANT4	DSIO	22.56	23.04	22.70	23.50
15	64QAM	1	37	ANT4	DSIO	22.57	23.07	22.70	23.50
15	64QAM	1	74	ANT4	DSIO	22.60	23.12	22.71	23.50
15	64QAM	36	0	ANT4	DSIO	21.77	21.70	21.60	22.50
15	64QAM	36	19	ANT4	DSIO	21.76	21.76	21.59	22.50
15	64QAM	36	39	ANT4	DSIO	21.74	21.77	21.59	22.50
15	64QAM	75	0	ANT4	DSIO	21.68	21.72	21.65	22.50
15	256QAM	1	0	ANT4	DSIO	19.85	19.51	20.10	20.50
15	256QAM	1	37	ANT4	DSIO	19.82	19.51	20.10	20.50
15	256QAM	1	74	ANT4	DSIO	19.84	19.48	20.14	20.50
15	256QAM	36	0	ANT4	DSIO	19.65	19.60	19.52	20.50
15	256QAM	36	19	ANT4	DSIO	19.68	19.62	19.51	20.50
15	256QAM	36	39	ANT4	DSIO	19.70	19.64	19.55	20.50
15	256QAM	75	0	ANT4	DSIO	19.67	19.58	19.62	20.50

Band				LTE B38					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	37850	38000	38150	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSIO	24.62	24.82	24.75	25.50
20	QPSK	1	49	ANT4	DSIO	24.70	24.81	24.73	25.50
20	QPSK	1	99	ANT4	DSIO	24.75	24.79	24.74	25.50
20	QPSK	50	0	ANT4	DSIO	23.79	23.71	23.62	24.50
20	QPSK	50	25	ANT4	DSIO	23.78	23.75	23.71	24.50
20	QPSK	50	50	ANT4	DSIO	23.84	23.81	23.75	24.50
20	QPSK	100	0	ANT4	DSIO	23.75	23.74	23.70	24.50
20	16QAM	1	0	ANT4	DSIO	23.89	23.72	24.21	24.50
20	16QAM	1	49	ANT4	DSIO	23.99	23.73	24.19	24.50
20	16QAM	1	99	ANT4	DSIO	24.03	23.73	24.22	24.50
20	16QAM	50	0	ANT4	DSIO	22.77	22.69	22.65	23.50
20	16QAM	50	25	ANT4	DSIO	22.73	22.73	22.72	23.50
20	16QAM	50	50	ANT4	DSIO	22.79	22.75	22.78	23.50
20	16QAM	100	0	ANT4	DSIO	22.77	22.75	22.68	23.50
20	64QAM	1	0	ANT4	DSIO	22.95	22.76	22.94	23.50
20	64QAM	1	49	ANT4	DSIO	23.05	22.75	22.91	23.50
20	64QAM	1	99	ANT4	DSIO	23.09	22.75	22.95	23.50
20	64QAM	50	0	ANT4	DSIO	21.74	21.70	21.64	22.50
20	64QAM	50	25	ANT4	DSIO	21.77	21.75	21.67	22.50
20	64QAM	50	50	ANT4	DSIO	21.84	21.77	21.77	22.50
20	64QAM	100	0	ANT4	DSIO	21.75	21.72	21.73	22.50
20	256QAM	1	0	ANT4	DSIO	19.99	19.90	20.07	20.50
20	256QAM	1	49	ANT4	DSIO	20.06	19.89	20.03	20.50
20	256QAM	1	99	ANT4	DSIO	20.06	19.84	20.03	20.50
20	256QAM	50	0	ANT4	DSIO	19.65	19.65	19.57	20.50
20	256QAM	50	25	ANT4	DSIO	19.66	19.69	19.61	20.50
20	256QAM	50	50	ANT4	DSIO	19.73	19.72	19.66	20.50
20	256QAM	100	0	ANT4	DSIO	19.66	19.68	19.65	20.50

Band				LTE B38					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	37775	38000	38225	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSI1	17.13	17.09	16.89	18.00
5	QPSK	1	12	ANT4	DSI1	16.94	17.08	16.80	18.00
5	QPSK	1	24	ANT4	DSI1	16.90	16.98	16.77	18.00
5	QPSK	12	0	ANT4	DSI1	17.10	17.11	16.87	18.00
5	QPSK	12	6	ANT4	DSI1	16.97	17.04	16.78	18.00
5	QPSK	12	13	ANT4	DSI1	16.95	17.04	16.94	18.00
5	QPSK	25	0	ANT4	DSI1	17.06	16.97	16.80	18.00
5	16QAM	1	0	ANT4	DSI1	17.06	17.08	16.78	18.00
5	16QAM	1	12	ANT4	DSI1	16.90	17.13	16.74	18.00
5	16QAM	1	24	ANT4	DSI1	16.93	17.08	16.75	18.00
5	16QAM	12	0	ANT4	DSI1	17.00	17.05	16.90	18.00
5	16QAM	12	6	ANT4	DSI1	17.06	16.96	16.75	18.00
5	16QAM	12	13	ANT4	DSI1	16.95	17.01	16.67	18.00
5	16QAM	25	0	ANT4	DSI1	17.00	16.95	16.71	18.00
5	64QAM	1	0	ANT4	DSI1	17.05	17.09	16.71	18.00
5	64QAM	1	12	ANT4	DSI1	17.02	17.18	16.86	18.00
5	64QAM	1	24	ANT4	DSI1	17.08	16.94	16.92	18.00
5	64QAM	12	0	ANT4	DSI1	17.05	17.08	16.80	18.00
5	64QAM	12	6	ANT4	DSI1	17.05	17.02	16.92	18.00
5	64QAM	12	13	ANT4	DSI1	16.95	17.02	16.90	18.00
5	64QAM	25	0	ANT4	DSI1	17.02	17.08	16.85	18.00
5	256QAM	1	0	ANT4	DSI1	16.89	17.01	16.79	18.00
5	256QAM	1	12	ANT4	DSI1	17.04	17.01	16.73	18.00
5	256QAM	1	24	ANT4	DSI1	17.06	17.04	16.86	18.00
5	256QAM	12	0	ANT4	DSI1	17.01	17.03	16.88	18.00
5	256QAM	12	6	ANT4	DSI1	16.94	17.08	16.85	18.00
5	256QAM	12	13	ANT4	DSI1	17.01	17.11	16.77	18.00
5	256QAM	25	0	ANT4	DSI1	16.97	17.02	16.86	18.00

Band				LTE B38					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	37800	38000	38200	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSI1	17.06	17.20	16.87	18.00
10	QPSK	1	24	ANT4	DSI1	16.94	17.06	16.75	18.00
10	QPSK	1	49	ANT4	DSI1	16.97	17.00	16.76	18.00
10	QPSK	25	0	ANT4	DSI1	16.98	17.01	16.88	18.00
10	QPSK	25	12	ANT4	DSI1	16.95	17.17	16.79	18.00
10	QPSK	25	25	ANT4	DSI1	17.06	17.17	16.82	18.00
10	QPSK	50	0	ANT4	DSI1	16.97	17.03	16.78	18.00
10	16QAM	1	0	ANT4	DSI1	17.00	17.10	16.88	18.00
10	16QAM	1	24	ANT4	DSI1	17.00	17.05	16.70	18.00
10	16QAM	1	49	ANT4	DSI1	16.95	17.01	16.73	18.00
10	16QAM	25	0	ANT4	DSI1	16.87	17.08	16.82	18.00
10	16QAM	25	12	ANT4	DSI1	17.10	16.98	16.84	18.00
10	16QAM	25	25	ANT4	DSI1	16.98	16.94	16.79	18.00
10	16QAM	50	0	ANT4	DSI1	17.02	17.01	16.68	18.00
10	64QAM	1	0	ANT4	DSI1	17.09	17.03	16.84	18.00
10	64QAM	1	24	ANT4	DSI1	17.04	17.16	16.89	18.00
10	64QAM	1	49	ANT4	DSI1	17.10	17.06	16.85	18.00
10	64QAM	25	0	ANT4	DSI1	17.06	16.96	16.76	18.00
10	64QAM	25	12	ANT4	DSI1	17.01	17.11	16.78	18.00
10	64QAM	25	25	ANT4	DSI1	16.95	17.02	16.83	18.00
10	64QAM	50	0	ANT4	DSI1	17.03	17.10	16.83	18.00
10	256QAM	1	0	ANT4	DSI1	17.02	16.99	16.73	18.00
10	256QAM	1	24	ANT4	DSI1	16.97	16.92	16.75	18.00
10	256QAM	1	49	ANT4	DSI1	16.95	17.07	16.88	18.00
10	256QAM	25	0	ANT4	DSI1	17.00	17.04	16.86	18.00
10	256QAM	25	12	ANT4	DSI1	17.05	17.02	16.82	18.00
10	256QAM	25	25	ANT4	DSI1	17.02	17.08	16.75	18.00
10	256QAM	50	0	ANT4	DSI1	16.92	17.02	16.86	18.00

Band				LTE B38					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	37825	38000	38175	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSI1	17.03	17.16	16.91	18.00
15	QPSK	1	37	ANT4	DSI1	16.95	17.01	16.80	18.00
15	QPSK	1	74	ANT4	DSI1	16.89	17.10	16.75	18.00
15	QPSK	36	0	ANT4	DSI1	16.99	17.07	16.90	18.00
15	QPSK	36	19	ANT4	DSI1	16.99	17.11	16.82	18.00
15	QPSK	36	39	ANT4	DSI1	17.00	17.12	16.80	18.00
15	QPSK	75	0	ANT4	DSI1	16.96	17.04	16.73	18.00
15	16QAM	1	0	ANT4	DSI1	17.01	17.02	16.77	18.00
15	16QAM	1	37	ANT4	DSI1	16.92	17.06	16.77	18.00
15	16QAM	1	74	ANT4	DSI1	16.94	17.00	16.75	18.00
15	16QAM	36	0	ANT4	DSI1	16.99	17.13	16.85	18.00
15	16QAM	36	19	ANT4	DSI1	17.04	17.00	16.80	18.00
15	16QAM	36	39	ANT4	DSI1	16.93	16.98	16.79	18.00
15	16QAM	75	0	ANT4	DSI1	16.95	17.03	16.72	18.00
15	64QAM	1	0	ANT4	DSI1	16.99	17.02	16.84	18.00
15	64QAM	1	37	ANT4	DSI1	17.04	17.11	16.82	18.00
15	64QAM	1	74	ANT4	DSI1	17.10	16.94	16.85	18.00
15	64QAM	36	0	ANT4	DSI1	17.03	17.05	16.88	18.00
15	64QAM	36	19	ANT4	DSI1	16.98	17.09	16.88	18.00
15	64QAM	36	39	ANT4	DSI1	16.96	17.01	16.91	18.00
15	64QAM	75	0	ANT4	DSI1	16.97	17.13	16.85	18.00
15	256QAM	1	0	ANT4	DSI1	16.90	16.94	16.75	18.00
15	256QAM	1	37	ANT4	DSI1	16.96	16.97	16.72	18.00
15	256QAM	1	74	ANT4	DSI1	16.95	16.97	16.77	18.00
15	256QAM	36	0	ANT4	DSI1	16.92	17.09	16.86	18.00
15	256QAM	36	19	ANT4	DSI1	16.93	17.00	16.76	18.00
15	256QAM	36	39	ANT4	DSI1	17.07	17.13	16.88	18.00
15	256QAM	75	0	ANT4	DSI1	16.92	17.05	16.83	18.00

Band				LTE B38					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	37850	38000	38150	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSI1	17.16	17.21	16.96	18.00
20	QPSK	1	49	ANT4	DSI1	17.04	17.16	16.82	18.00
20	QPSK	1	99	ANT4	DSI1	17.02	17.12	16.90	18.00
20	QPSK	50	0	ANT4	DSI1	17.11	17.16	16.92	18.00
20	QPSK	50	25	ANT4	DSI1	17.07	17.19	16.86	18.00
20	QPSK	50	50	ANT4	DSI1	17.07	17.19	16.95	18.00
20	QPSK	100	0	ANT4	DSI1	17.08	17.12	16.83	18.00
20	16QAM	1	0	ANT4	DSI1	17.15	17.16	16.90	18.00
20	16QAM	1	49	ANT4	DSI1	17.03	17.14	16.82	18.00
20	16QAM	1	99	ANT4	DSI1	17.03	17.09	16.88	18.00
20	16QAM	50	0	ANT4	DSI1	17.01	17.18	16.91	18.00
20	16QAM	50	25	ANT4	DSI1	17.12	17.09	16.88	18.00
20	16QAM	50	50	ANT4	DSI1	17.01	17.09	16.81	18.00
20	16QAM	100	0	ANT4	DSI1	17.06	17.09	16.82	18.00
20	64QAM	1	0	ANT4	DSI1	17.10	17.11	16.86	18.00
20	64QAM	1	49	ANT4	DSI1	17.10	17.20	16.95	18.00
20	64QAM	1	99	ANT4	DSI1	17.11	17.09	16.95	18.00
20	64QAM	50	0	ANT4	DSI1	17.07	17.11	16.91	18.00
20	64QAM	50	25	ANT4	DSI1	17.12	17.16	16.93	18.00
20	64QAM	50	50	ANT4	DSI1	17.09	17.09	16.94	18.00
20	64QAM	100	0	ANT4	DSI1	17.10	17.14	16.94	18.00
20	256QAM	1	0	ANT4	DSI1	17.03	17.09	16.85	18.00
20	256QAM	1	49	ANT4	DSI1	17.10	17.06	16.84	18.00
20	256QAM	1	99	ANT4	DSI1	17.07	17.10	16.90	18.00
20	256QAM	50	0	ANT4	DSI1	17.04	17.16	16.89	18.00
20	256QAM	50	25	ANT4	DSI1	17.08	17.14	16.90	18.00
20	256QAM	50	50	ANT4	DSI1	17.15	17.14	16.89	18.00
20	256QAM	100	0	ANT4	DSI1	17.04	17.09	16.92	18.00

Band				LTE B41							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39675	40148	40620	41093	41565	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSIO	24.67	24.71	24.77	24.64	24.73	25.50
5	QPSK	1	12	ANT4	DSIO	24.62	24.61	24.64	24.64	24.64	25.50
5	QPSK	1	24	ANT4	DSIO	24.52	24.50	24.50	24.57	24.50	25.50
5	QPSK	12	0	ANT4	DSIO	23.81	23.71	23.70	23.74	23.81	25.50
5	QPSK	12	6	ANT4	DSIO	23.72	23.77	23.70	23.68	23.70	25.50
5	QPSK	12	13	ANT4	DSIO	23.65	23.66	23.72	23.63	23.76	25.50
5	QPSK	25	0	ANT4	DSIO	23.63	23.64	23.67	23.61	23.61	24.50
5	16QAM	1	0	ANT4	DSIO	23.94	23.91	23.96	23.89	23.88	24.50
5	16QAM	1	12	ANT4	DSIO	23.81	23.90	23.87	23.80	23.90	24.50
5	16QAM	1	24	ANT4	DSIO	23.97	23.95	23.92	23.84	23.88	24.50
5	16QAM	12	0	ANT4	DSIO	22.67	22.64	22.70	22.61	22.63	24.50
5	16QAM	12	6	ANT4	DSIO	22.64	22.72	22.67	22.70	22.64	24.50
5	16QAM	12	13	ANT4	DSIO	22.77	22.74	22.75	22.72	22.75	24.50
5	16QAM	25	0	ANT4	DSIO	22.67	22.74	22.77	22.69	22.65	23.50
5	64QAM	1	0	ANT4	DSIO	22.94	23.03	22.95	23.03	22.92	23.50
5	64QAM	1	12	ANT4	DSIO	22.99	23.02	23.05	22.95	23.01	23.50
5	64QAM	1	24	ANT4	DSIO	23.00	23.08	23.07	23.04	22.96	23.50
5	64QAM	12	0	ANT4	DSIO	21.62	21.59	21.66	21.59	21.60	23.50
5	64QAM	12	6	ANT4	DSIO	21.63	21.62	21.65	21.68	21.68	23.50
5	64QAM	12	13	ANT4	DSIO	21.81	21.81	21.79	21.80	21.72	23.50
5	64QAM	25	0	ANT4	DSIO	21.64	21.61	21.73	21.66	21.75	22.50
5	256QAM	1	0	ANT4	DSIO	19.92	19.92	19.88	19.89	19.95	20.50
5	256QAM	1	12	ANT4	DSIO	19.88	20.02	19.90	20.01	19.91	20.50
5	256QAM	1	24	ANT4	DSIO	19.96	19.92	19.88	19.92	19.94	20.50
5	256QAM	12	0	ANT4	DSIO	19.60	19.56	19.54	19.62	19.57	20.50
5	256QAM	12	6	ANT4	DSIO	19.61	19.57	19.66	19.62	19.69	20.50
5	256QAM	12	13	ANT4	DSIO	19.58	19.60	19.66	19.65	19.71	20.50
5	256QAM	25	0	ANT4	DSIO	19.61	19.58	19.57	19.59	19.61	20.50

Band				LTE B41							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39700	40160	40620	41080	41540	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSIO	24.67	24.64	24.73	24.68	24.71	25.50
10	QPSK	1	24	ANT4	DSIO	24.61	24.64	24.61	24.62	24.59	25.50
10	QPSK	1	49	ANT4	DSIO	24.60	24.59	24.59	24.52	24.57	25.50
10	QPSK	25	0	ANT4	DSIO	23.81	23.78	23.71	23.72	23.75	24.50
10	QPSK	25	12	ANT4	DSIO	23.72	23.69	23.70	23.72	23.71	24.50
10	QPSK	25	25	ANT4	DSIO	23.62	23.74	23.75	23.75	23.66	24.50
10	QPSK	50	0	ANT4	DSIO	23.67	23.64	23.62	23.74	23.64	24.50
10	16QAM	1	0	ANT4	DSIO	23.84	23.86	23.96	23.94	23.86	24.50
10	16QAM	1	24	ANT4	DSIO	23.90	23.89	23.85	23.92	23.91	24.50
10	16QAM	1	49	ANT4	DSIO	23.89	23.87	23.90	23.87	23.93	24.50
10	16QAM	25	0	ANT4	DSIO	22.61	22.59	22.66	22.63	22.62	23.50
10	16QAM	25	12	ANT4	DSIO	22.70	22.62	22.71	22.69	22.63	23.50
10	16QAM	25	25	ANT4	DSIO	22.72	22.77	22.75	22.73	22.80	23.50
10	16QAM	50	0	ANT4	DSIO	22.65	22.75	22.70	22.72	22.74	23.50
10	64QAM	1	0	ANT4	DSIO	22.90	23.00	23.02	23.01	22.96	23.50
10	64QAM	1	24	ANT4	DSIO	22.99	22.99	23.06	23.01	23.05	23.50
10	64QAM	1	49	ANT4	DSIO	23.07	23.09	22.97	23.01	23.02	23.50
10	64QAM	25	0	ANT4	DSIO	21.69	21.71	21.69	21.62	21.71	22.50
10	64QAM	25	12	ANT4	DSIO	21.66	21.73	21.69	21.66	21.69	22.50
10	64QAM	25	25	ANT4	DSIO	21.79	21.77	21.80	21.83	21.74	22.50
10	64QAM	50	0	ANT4	DSIO	21.75	21.63	21.69	21.71	21.63	22.50
10	256QAM	1	0	ANT4	DSIO	19.96	19.91	19.93	19.96	19.94	20.50
10	256QAM	1	24	ANT4	DSIO	19.94	20.02	19.94	20.02	19.95	20.50
10	256QAM	1	49	ANT4	DSIO	19.94	19.90	19.96	19.87	19.96	20.50
10	256QAM	25	0	ANT4	DSIO	19.66	19.54	19.63	19.61	19.53	20.50
10	256QAM	25	12	ANT4	DSIO	19.56	19.63	19.70	19.70	19.63	20.50
10	256QAM	25	25	ANT4	DSIO	19.63	19.61	19.59	19.58	19.64	20.50
10	256QAM	50	0	ANT4	DSIO	19.66	19.58	19.64	19.54	19.68	20.50

Band				LTE B41							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39725	40173	40620	41068	41515	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSIO	24.69	24.72	24.75	24.68	24.71	25.50
15	QPSK	1	37	ANT4	DSIO	24.71	24.63	24.58	24.59	24.59	25.50
15	QPSK	1	74	ANT4	DSIO	24.55	24.64	24.56	24.56	24.61	25.50
15	QPSK	36	0	ANT4	DSIO	23.83	23.72	23.81	23.71	23.73	24.50
15	QPSK	36	19	ANT4	DSIO	23.75	23.74	23.75	23.66	23.74	24.50
15	QPSK	36	39	ANT4	DSIO	23.72	23.73	23.69	23.72	23.68	24.50
15	QPSK	75	0	ANT4	DSIO	23.63	23.68	23.66	23.71	23.64	24.50
15	16QAM	1	0	ANT4	DSIO	23.84	23.94	23.96	23.90	23.88	24.50
15	16QAM	1	37	ANT4	DSIO	23.80	23.83	23.86	23.93	23.92	24.50
15	16QAM	1	74	ANT4	DSIO	23.88	23.86	23.87	23.97	23.88	24.50
15	16QAM	36	0	ANT4	DSIO	22.58	22.56	22.61	22.61	22.60	23.50
15	16QAM	36	19	ANT4	DSIO	22.62	22.76	22.69	22.75	22.70	23.50
15	16QAM	36	39	ANT4	DSIO	22.82	22.78	22.83	22.77	22.76	23.50
15	16QAM	75	0	ANT4	DSIO	22.69	22.64	22.73	22.73	22.76	23.50
15	64QAM	1	0	ANT4	DSIO	22.99	22.98	22.89	22.91	22.94	23.50
15	64QAM	1	37	ANT4	DSIO	22.99	22.96	23.04	22.95	22.97	23.50
15	64QAM	1	74	ANT4	DSIO	22.97	23.05	23.07	23.08	22.97	23.50
15	64QAM	36	0	ANT4	DSIO	21.65	21.58	21.69	21.62	21.59	22.50
15	64QAM	36	19	ANT4	DSIO	21.62	21.63	21.73	21.71	21.68	22.50
15	64QAM	36	39	ANT4	DSIO	21.83	21.74	21.73	21.77	21.78	22.50
15	64QAM	75	0	ANT4	DSIO	21.66	21.75	21.68	21.66	21.65	22.50
15	256QAM	1	0	ANT4	DSIO	19.88	19.92	19.94	20.00	19.95	20.50
15	256QAM	1	37	ANT4	DSIO	19.96	19.97	20.00	19.99	19.99	20.50
15	256QAM	1	74	ANT4	DSIO	19.91	19.91	19.96	19.99	19.92	20.50
15	256QAM	36	0	ANT4	DSIO	19.64	19.57	19.60	19.52	19.53	20.50
15	256QAM	36	19	ANT4	DSIO	19.60	19.70	19.64	19.68	19.70	20.50
15	256QAM	36	39	ANT4	DSIO	19.63	19.62	19.64	19.65	19.71	20.50
15	256QAM	75	0	ANT4	DSIO	19.63	19.61	19.64	19.66	19.55	20.50

Band				LTE B41							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSIO	24.71	24.69	24.78	24.68	24.64	25.50
20	QPSK	1	49	ANT4	DSIO	24.64	24.63	24.72	24.63	24.61	25.50
20	QPSK	1	99	ANT4	DSIO	24.51	24.50	24.65	24.64	24.57	25.50
20	QPSK	50	0	ANT4	DSIO	23.74	23.79	23.84	23.74	23.79	24.50
20	QPSK	50	25	ANT4	DSIO	23.76	23.71	23.79	23.69	23.71	24.50
20	QPSK	50	50	ANT4	DSIO	23.71	23.73	23.77	23.71	23.76	24.50
20	QPSK	100	0	ANT4	DSIO	23.72	23.66	23.75	23.62	23.73	24.50
20	16QAM	1	0	ANT4	DSIO	23.94	23.88	23.98	23.86	23.94	24.50
20	16QAM	1	49	ANT4	DSIO	23.93	23.81	23.95	23.92	23.92	24.50
20	16QAM	1	99	ANT4	DSIO	23.88	23.98	23.99	23.86	23.85	24.50
20	16QAM	50	0	ANT4	DSIO	22.58	22.57	22.71	22.59	22.70	23.50
20	16QAM	50	25	ANT4	DSIO	22.67	22.66	22.77	22.68	22.66	23.50
20	16QAM	50	50	ANT4	DSIO	22.78	22.76	22.85	22.82	22.76	23.50
20	16QAM	100	0	ANT4	DSIO	22.66	22.67	22.79	22.78	22.71	23.50
20	64QAM	1	0	ANT4	DSIO	22.89	22.93	23.04	22.98	22.97	23.50
20	64QAM	1	49	ANT4	DSIO	23.05	22.98	23.09	23.04	23.07	23.50
20	64QAM	1	99	ANT4	DSIO	23.05	23.07	23.11	22.96	23.05	23.50
20	64QAM	50	0	ANT4	DSIO	21.67	21.72	21.73	21.70	21.65	22.50
20	64QAM	50	25	ANT4	DSIO	21.69	21.74	21.76	21.61	21.74	22.50
20	64QAM	50	50	ANT4	DSIO	21.77	21.70	21.84	21.79	21.80	22.50
20	64QAM	100	0	ANT4	DSIO	21.75	21.68	21.76	21.65	21.67	22.50
20	256QAM	1	0	ANT4	DSIO	19.93	19.92	20.03	19.91	19.92	20.50
20	256QAM	1	49	ANT4	DSIO	19.93	19.92	20.03	19.92	19.94	20.50
20	256QAM	1	99	ANT4	DSIO	19.96	19.95	20.02	19.93	20.00	20.50
20	256QAM	50	0	ANT4	DSIO	19.61	19.65	19.67	19.64	19.59	20.50
20	256QAM	50	25	ANT4	DSIO	19.59	19.70	19.71	19.68	19.59	20.50
20	256QAM	50	50	ANT4	DSIO	19.63	19.60	19.73	19.67	19.68	20.50
20	256QAM	100	0	ANT4	DSIO	19.61	19.64	19.69	19.61	19.61	20.50

Band				LTE B41							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39675	40148	40620	41093	41565	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSI1	16.83	16.70	16.82	16.63	16.75	18.00
5	QPSK	1	12	ANT4	DSI1	16.67	16.70	16.87	16.45	16.71	18.00
5	QPSK	1	24	ANT4	DSI1	16.64	16.63	16.81	16.42	16.76	18.00
5	QPSK	12	0	ANT4	DSI1	16.78	16.57	16.70	16.38	16.84	18.00
5	QPSK	12	6	ANT4	DSI1	16.67	16.64	16.76	16.40	16.82	18.00
5	QPSK	12	13	ANT4	DSI1	16.66	16.61	16.86	16.47	16.82	18.00
5	QPSK	25	0	ANT4	DSI1	16.71	16.64	16.84	16.49	16.72	18.00
5	16QAM	1	0	ANT4	DSI1	16.78	16.57	16.68	16.52	16.79	18.00
5	16QAM	1	12	ANT4	DSI1	16.67	16.53	16.68	16.49	16.70	18.00
5	16QAM	1	24	ANT4	DSI1	16.73	16.63	16.81	16.52	16.73	18.00
5	16QAM	12	0	ANT4	DSI1	16.81	16.76	16.66	16.44	16.61	18.00
5	16QAM	12	6	ANT4	DSI1	16.81	16.67	16.73	16.42	16.78	18.00
5	16QAM	12	13	ANT4	DSI1	16.68	16.58	16.84	16.47	16.72	18.00
5	16QAM	25	0	ANT4	DSI1	16.77	16.68	16.65	16.45	16.69	18.00
5	64QAM	1	0	ANT4	DSI1	16.75	16.73	16.87	16.48	16.77	18.00
5	64QAM	1	12	ANT4	DSI1	16.67	16.73	16.77	16.53	16.77	18.00
5	64QAM	1	24	ANT4	DSI1	16.80	16.70	16.77	16.39	16.75	18.00
5	64QAM	12	0	ANT4	DSI1	16.69	16.66	16.75	16.40	16.67	18.00
5	64QAM	12	6	ANT4	DSI1	16.87	16.62	16.68	16.48	16.63	18.00
5	64QAM	12	13	ANT4	DSI1	16.77	16.69	16.72	16.52	16.71	18.00
5	64QAM	25	0	ANT4	DSI1	16.61	16.68	16.79	16.46	16.70	18.00
5	256QAM	1	0	ANT4	DSI1	16.87	16.60	16.90	16.36	16.76	18.00
5	256QAM	1	12	ANT4	DSI1	16.76	16.72	16.89	16.47	16.81	18.00
5	256QAM	1	24	ANT4	DSI1	16.69	16.71	16.77	16.53	16.84	18.00
5	256QAM	12	0	ANT4	DSI1	16.77	16.63	16.80	16.48	16.62	18.00
5	256QAM	12	6	ANT4	DSI1	16.70	16.69	16.76	16.48	16.74	18.00
5	256QAM	12	13	ANT4	DSI1	16.74	16.69	16.73	16.46	16.77	18.00
5	256QAM	25	0	ANT4	DSI1	16.76	16.66	16.85	16.45	16.67	18.00

Band				LTE B41							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39700	40160	40620	41080	41540	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSI1	16.87	16.68	16.81	16.51	16.88	18.00
10	QPSK	1	24	ANT4	DSI1	16.70	16.73	16.87	16.50	16.62	18.00
10	QPSK	1	49	ANT4	DSI1	16.72	16.60	16.82	16.36	16.76	18.00
10	QPSK	25	0	ANT4	DSI1	16.77	16.59	16.69	16.48	16.85	18.00
10	QPSK	25	12		DSI1	16.66	16.67	16.73	16.36	16.79	18.00
10	QPSK	25	25	ANT4	DSI1	16.75	16.66	16.77	16.43	16.73	18.00
10	QPSK	50	0	ANT4	DSI1	16.66	16.73	16.77	16.53	16.71	18.00
10	16QAM	1	0	ANT4	DSI1	16.79	16.55	16.78	16.48	16.76	18.00
10	16QAM	1	24	ANT4	DSI1	16.63	16.64	16.73	16.61	16.64	18.00
10	16QAM	1	49	ANT4	DSI1	16.77	16.71	16.88	16.47	16.80	18.00
10	16QAM	25	0	ANT4	DSI1	16.85	16.71	16.71	16.45	16.63	18.00
10	16QAM	25	12	ANT4	DSI1	16.71	16.67	16.78	16.50	16.65	18.00
10	16QAM	25	25	ANT4	DSI1	16.65	16.57	16.78	16.37	16.72	18.00
10	16QAM	50	0	ANT4	DSI1	16.86	16.68	16.73	16.46	16.73	18.00
10	64QAM	1	0	ANT4	DSI1	16.77	16.60	16.77	16.47	16.78	18.00
10	64QAM	1	24	ANT4	DSI1	16.65	16.63	16.71	16.52	16.80	18.00
10	64QAM	1	49	ANT4	DSI1	16.81	16.70	16.69	16.47	16.73	18.00
10	64QAM	25	0	ANT4	DSI1	16.62	16.68	16.83	16.44	16.68	18.00
10	64QAM	25	12	ANT4	DSI1	16.81	16.64	16.65	16.57	16.66	18.00
10	64QAM	25	25	ANT4	DSI1	16.83	16.75	16.79	16.62	16.65	18.00
10	64QAM	50	0	ANT4	DSI1	16.68	16.71	16.76	16.34	16.72	18.00
10	256QAM	1	0	ANT4	DSI1	16.79	16.60	16.89	16.47	16.88	18.00
10	256QAM	1	24	ANT4	DSI1	16.79	16.72	16.84	16.42	16.68	18.00
10	256QAM	1	49	ANT4	DSI1	16.83	16.62	16.82	16.49	16.83	18.00
10	256QAM	25	0	ANT4	DSI1	16.78	16.61	16.82	16.38	16.61	18.00
10	256QAM	25	12	ANT4	DSI1	16.65	16.65	16.83	16.52	16.66	18.00
10	256QAM	25	25	ANT4	DSI1	16.60	16.70	16.75	16.47	16.74	18.00
10	256QAM	50	0	ANT4	DSI1	16.68	16.72	16.85	16.55	16.71	18.00

Band				LTE B41							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39725	40173	40620	41068	41515	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSI1	16.86	16.71	16.79	16.59	16.83	18.00
15	QPSK	1	37	ANT4	DSI1	16.75	16.70	16.78	16.42	16.63	18.00
15	QPSK	1	74	ANT4	DSI1	16.69	16.64	16.82	16.37	16.75	18.00
15	QPSK	36	0	ANT4	DSI1	16.72	16.56	16.77	16.41	16.75	18.00
15	QPSK	36	19	ANT4	DSI1	16.73	16.63	16.71	16.42	16.74	18.00
15	QPSK	36	39	ANT4	DSI1	16.68	16.64	16.77	16.51	16.78	18.00
15	QPSK	75	0	ANT4	DSI1	16.70	16.77	16.78	16.52	16.73	18.00
15	16QAM	1	0	ANT4	DSI1	16.80	16.55	16.71	16.51	16.84	18.00
15	16QAM	1	37	ANT4	DSI1	16.71	16.52	16.70	16.62	16.66	18.00
15	16QAM	1	74	ANT4	DSI1	16.78	16.73	16.83	16.47	16.80	18.00
15	16QAM	36	0	ANT4	DSI1	16.78	16.69	16.68	16.45	16.63	18.00
15	16QAM	36	19	ANT4	DSI1	16.79	16.54	16.83	16.37	16.67	18.00
15	16QAM	36	39	ANT4	DSI1	16.65	16.65	16.88	16.49	16.81	18.00
15	16QAM	75	0	ANT4	DSI1	16.86	16.69	16.68	16.50	16.71	18.00
15	64QAM	1	0	ANT4	DSI1	16.77	16.70	16.82	16.57	16.80	18.00
15	64QAM	1	37	ANT4	DSI1	16.68	16.75	16.69	16.52	16.80	18.00
15	64QAM	1	74	ANT4	DSI1	16.81	16.65	16.79	16.48	16.78	18.00
15	64QAM	36	0	ANT4	DSI1	16.74	16.63	16.79	16.42	16.68	18.00
15	64QAM	36	19	ANT4	DSI1	16.87	16.69	16.77	16.48	16.70	18.00
15	64QAM	36	39	ANT4	DSI1	16.78	16.74	16.78	16.55	16.64	18.00
15	64QAM	75	0	ANT4	DSI1	16.65	16.65	16.78	16.42	16.73	18.00
15	256QAM	1	0	ANT4	DSI1	16.78	16.60	16.79	16.45	16.87	18.00
15	256QAM	1	37	ANT4	DSI1	16.79	16.68	16.78	16.45	16.70	18.00
15	256QAM	1	74	ANT4	DSI1	16.76	16.68	16.87	16.55	16.81	18.00
15	256QAM	36	0	ANT4	DSI1	16.81	16.65	16.71	16.50	16.66	18.00
15	256QAM	36	19	ANT4	DSI1	16.69	16.59	16.83	16.53	16.77	18.00
15	256QAM	36	39	ANT4	DSI1	16.65	16.65	16.65	16.50	16.75	18.00
15	256QAM	75	0	ANT4	DSI1	16.74	16.69	16.74	16.47	16.71	18.00

Band				LTE B41							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSI1	16.89	16.81	16.93	16.64	16.90	18.00
20	QPSK	1	49	ANT4	DSI1	16.78	16.74	16.91	16.56	16.77	18.00
20	QPSK	1	99	ANT4	DSI1	16.79	16.72	16.87	16.49	16.77	18.00
20	QPSK	50	0	ANT4	DSI1	16.80	16.71	16.80	16.50	16.87	18.00
20	QPSK	50	25	ANT4	DSI1	16.74	16.72	16.82	16.51	16.83	18.00
20	QPSK	50	50	ANT4	DSI1	16.79	16.69	16.92	16.52	16.85	18.00
20	QPSK	100	0	ANT4	DSI1	16.75	16.79	16.88	16.55	16.84	18.00
20	16QAM	1	0	ANT4	DSI1	16.87	16.69	16.81	16.59	16.87	18.00
20	16QAM	1	49	ANT4	DSI1	16.76	16.67	16.82	16.63	16.76	18.00
20	16QAM	1	99	ANT4	DSI1	16.82	16.76	16.91	16.56	16.87	18.00
20	16QAM	50	0	ANT4	DSI1	16.88	16.77	16.80	16.57	16.76	18.00
20	16QAM	50	25	ANT4	DSI1	16.86	16.68	16.84	16.51	16.79	18.00
20	16QAM	50	50	ANT4	DSI1	16.75	16.68	16.92	16.50	16.84	18.00
20	16QAM	100	0	ANT4	DSI1	16.88	16.74	16.79	16.53	16.80	18.00
20	64QAM	1	0	ANT4	DSI1	16.78	16.75	16.92	16.60	16.86	18.00
20	64QAM	1	49	ANT4	DSI1	16.77	16.78	16.82	16.63	16.82	18.00
20	64QAM	1	99	ANT4	DSI1	16.86	16.76	16.84	16.52	16.87	18.00
20	64QAM	50	0	ANT4	DSI1	16.76	16.72	16.85	16.54	16.75	18.00
20	64QAM	50	25	ANT4	DSI1	16.88	16.75	16.80	16.63	16.76	18.00
20	64QAM	50	50	ANT4	DSI1	16.84	16.78	16.82	16.63	16.77	18.00
20	64QAM	100	0	ANT4	DSI1	16.75	16.77	16.86	16.49	16.84	18.00
20	256QAM	1	0	ANT4	DSI1	16.88	16.68	16.91	16.51	16.89	18.00
20	256QAM	1	49	ANT4	DSI1	16.82	16.80	16.90	16.53	16.82	18.00
20	256QAM	1	99	ANT4	DSI1	16.84	16.76	16.92	16.57	16.89	18.00
20	256QAM	50	0	ANT4	DSI1	16.86	16.70	16.86	16.51	16.76	18.00
20	256QAM	50	25	ANT4	DSI1	16.79	16.71	16.87	16.56	16.78	18.00
20	256QAM	50	50	ANT4	DSI1	16.75	16.77	16.80	16.57	16.87	18.00
20	256QAM	100	0	ANT4	DSI1	16.79	16.76	16.89	16.60	16.75	18.00

Band				LTE B41-ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39675	40148	40620	41093	41565	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSIO	21.67	21.71	21.77	21.64	21.73	22.50
5	QPSK	1	12	ANT4	DSIO	21.62	21.61	21.64	21.64	21.64	22.50
5	QPSK	1	24	ANT4	DSIO	21.52	21.50	21.50	21.57	21.50	22.50
5	QPSK	12	0	ANT4	DSIO	20.81	20.71	20.70	20.74	20.81	22.50
5	QPSK	12	6	ANT4	DSIO	20.72	20.77	20.70	20.68	20.70	22.50
5	QPSK	12	13	ANT4	DSIO	20.65	20.66	20.72	20.63	20.76	22.50
5	QPSK	25	0	ANT4	DSIO	20.63	20.64	20.67	20.61	20.61	21.50
5	16QAM	1	0	ANT4	DSIO	20.94	20.91	20.96	20.89	20.88	21.50
5	16QAM	1	12	ANT4	DSIO	20.81	20.90	20.87	20.80	20.90	21.50
5	16QAM	1	24	ANT4	DSIO	20.97	20.95	20.92	20.84	20.88	21.50
5	16QAM	12	0	ANT4	DSIO	19.67	19.64	19.70	19.61	19.63	21.50
5	16QAM	12	6	ANT4	DSIO	19.64	19.72	19.67	19.70	19.64	21.50
5	16QAM	12	13	ANT4	DSIO	19.77	19.74	19.75	19.72	19.75	21.50
5	16QAM	25	0	ANT4	DSIO	19.67	19.74	19.77	19.69	19.65	20.50
5	64QAM	1	0	ANT4	DSIO	19.94	20.03	19.95	20.03	19.92	20.50
5	64QAM	1	12	ANT4	DSIO	19.99	20.02	20.05	19.95	20.01	20.50
5	64QAM	1	24	ANT4	DSIO	20.00	20.08	20.07	20.04	19.96	20.50
5	64QAM	12	0	ANT4	DSIO	18.62	18.59	18.66	18.59	18.60	20.50
5	64QAM	12	6	ANT4	DSIO	18.63	18.62	18.65	18.68	18.68	20.50
5	64QAM	12	13	ANT4	DSIO	18.81	18.81	18.79	18.80	18.72	20.50
5	64QAM	25	0	ANT4	DSIO	18.64	18.61	18.73	18.66	18.75	19.50
5	256QAM	1	0	ANT4	DSIO	16.92	16.92	16.88	16.89	16.95	17.50
5	256QAM	1	12	ANT4	DSIO	16.88	17.02	16.90	17.01	16.91	17.50
5	256QAM	1	24	ANT4	DSIO	16.96	16.92	16.88	16.92	16.94	17.50
5	256QAM	12	0	ANT4	DSIO	16.60	16.56	16.54	16.62	16.57	17.50
5	256QAM	12	6	ANT4	DSIO	16.61	16.57	16.66	16.62	16.69	17.50
5	256QAM	12	13	ANT4	DSIO	16.58	16.60	16.66	16.65	16.71	17.50
5	256QAM	25	0	ANT4	DSIO	16.61	16.58	16.57	16.59	16.61	17.50

Band				LTE B41-ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39700	40160	40620	41080	41540	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSIO	21.67	21.64	21.73	21.68	21.71	22.50
10	QPSK	1	24	ANT4	DSIO	21.61	21.64	21.61	21.62	21.59	22.50
10	QPSK	1	49	ANT4	DSIO	21.60	21.59	21.59	21.52	21.57	22.50
10	QPSK	25	0	ANT4	DSIO	20.81	20.78	20.71	20.72	20.75	21.50
10	QPSK	25	12	ANT4	DSIO	20.72	20.69	20.70	20.72	20.71	21.50
10	QPSK	25	25	ANT4	DSIO	20.62	20.74	20.75	20.75	20.66	21.50
10	QPSK	50	0	ANT4	DSIO	20.67	20.64	20.62	20.74	20.64	21.50
10	16QAM	1	0	ANT4	DSIO	20.84	20.86	20.96	20.94	20.86	21.50
10	16QAM	1	24	ANT4	DSIO	20.90	20.89	20.85	20.92	20.91	21.50
10	16QAM	1	49	ANT4	DSIO	20.89	20.87	20.90	20.87	20.93	21.50
10	16QAM	25	0	ANT4	DSIO	19.61	19.59	19.66	19.63	19.62	20.50
10	16QAM	25	12	ANT4	DSIO	19.70	19.62	19.71	19.69	19.63	20.50
10	16QAM	25	25	ANT4	DSIO	19.72	19.77	19.75	19.73	19.80	20.50
10	16QAM	50	0	ANT4	DSIO	19.65	19.75	19.70	19.72	19.74	20.50
10	64QAM	1	0	ANT4	DSIO	19.90	20.00	20.02	20.01	19.96	20.50
10	64QAM	1	24	ANT4	DSIO	19.99	19.99	20.06	20.01	20.05	20.50
10	64QAM	1	49	ANT4	DSIO	20.07	20.09	19.97	20.01	20.02	20.50
10	64QAM	25	0	ANT4	DSIO	18.69	18.71	18.69	18.62	18.71	19.50
10	64QAM	25	12	ANT4	DSIO	18.66	18.73	18.69	18.66	18.69	19.50
10	64QAM	25	25	ANT4	DSIO	18.79	18.77	18.80	18.83	18.74	19.50
10	64QAM	50	0	ANT4	DSIO	18.75	18.63	18.69	18.71	18.63	19.50
10	256QAM	1	0	ANT4	DSIO	16.96	16.91	16.93	16.96	16.94	17.50
10	256QAM	1	24	ANT4	DSIO	16.94	17.02	16.94	17.02	16.95	17.50
10	256QAM	1	49	ANT4	DSIO	16.94	16.90	16.96	16.87	16.96	17.50
10	256QAM	25	0	ANT4	DSIO	16.66	16.54	16.63	16.61	16.53	17.50
10	256QAM	25	12	ANT4	DSIO	16.56	16.63	16.70	16.70	16.63	17.50
10	256QAM	25	25	ANT4	DSIO	16.63	16.61	16.59	16.58	16.64	17.50
10	256QAM	50	0	ANT4	DSIO	16.66	16.58	16.64	16.54	16.68	17.50

Band				LTE B41-ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39725	40173	40620	41068	41515	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSIO	21.69	21.72	21.75	21.68	21.71	22.50
15	QPSK	1	37	ANT4	DSIO	21.71	21.63	21.58	21.59	21.59	22.50
15	QPSK	1	74	ANT4	DSIO	21.55	21.64	21.56	21.56	21.61	22.50
15	QPSK	36	0	ANT4	DSIO	20.83	20.72	20.81	20.71	20.73	21.50
15	QPSK	36	19	ANT4	DSIO	20.75	20.74	20.75	20.66	20.74	21.50
15	QPSK	36	39	ANT4	DSIO	20.72	20.73	20.69	20.72	20.68	21.50
15	QPSK	75	0	ANT4	DSIO	20.63	20.68	20.66	20.71	20.64	21.50
15	16QAM	1	0	ANT4	DSIO	20.84	20.94	20.96	20.90	20.88	21.50
15	16QAM	1	37	ANT4	DSIO	20.80	20.83	20.86	20.93	20.92	21.50
15	16QAM	1	74	ANT4	DSIO	20.88	20.86	20.87	20.97	20.88	21.50
15	16QAM	36	0	ANT4	DSIO	19.58	19.56	19.61	19.61	19.60	20.50
15	16QAM	36	19	ANT4	DSIO	19.62	19.76	19.69	19.75	19.70	20.50
15	16QAM	36	39	ANT4	DSIO	19.82	19.78	19.83	19.77	19.76	20.50
15	16QAM	75	0	ANT4	DSIO	19.69	19.64	19.73	19.73	19.76	20.50
15	64QAM	1	0	ANT4	DSIO	19.99	19.98	19.89	19.91	19.94	20.50
15	64QAM	1	37	ANT4	DSIO	19.99	19.96	20.04	19.95	19.97	20.50
15	64QAM	1	74	ANT4	DSIO	19.97	20.05	20.07	20.08	19.97	20.50
15	64QAM	36	0	ANT4	DSIO	18.65	18.58	18.69	18.62	18.59	19.50
15	64QAM	36	19	ANT4	DSIO	18.62	18.63	18.73	18.71	18.68	19.50
15	64QAM	36	39	ANT4	DSIO	18.83	18.74	18.73	18.77	18.78	19.50
15	64QAM	75	0	ANT4	DSIO	18.66	18.75	18.68	18.66	18.65	19.50
15	256QAM	1	0	ANT4	DSIO	16.88	16.92	16.94	17.00	16.95	17.50
15	256QAM	1	37	ANT4	DSIO	16.96	16.97	17.00	16.99	16.99	17.50
15	256QAM	1	74	ANT4	DSIO	16.91	16.91	16.96	16.99	16.92	17.50
15	256QAM	36	0	ANT4	DSIO	16.64	16.57	16.60	16.52	16.53	17.50
15	256QAM	36	19	ANT4	DSIO	16.60	16.70	16.64	16.68	16.70	17.50
15	256QAM	36	39	ANT4	DSIO	16.63	16.62	16.64	16.65	16.71	17.50
15	256QAM	75	0	ANT4	DSIO	16.63	16.61	16.64	16.66	16.55	17.50

Band				LTE B41-ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSIO	21.71	21.69	21.78	21.68	21.64	22.50
20	QPSK	1	49	ANT4	DSIO	21.64	21.63	21.72	21.63	21.61	22.50
20	QPSK	1	99	ANT4	DSIO	21.51	21.50	21.65	21.64	21.57	22.50
20	QPSK	50	0	ANT4	DSIO	20.74	20.79	20.84	20.74	20.79	21.50
20	QPSK	50	25	ANT4	DSIO	20.76	20.71	20.79	20.69	20.71	21.50
20	QPSK	50	50	ANT4	DSIO	20.71	20.73	20.77	20.71	20.76	21.50
20	QPSK	100	0	ANT4	DSIO	20.72	20.66	20.75	20.62	20.73	21.50
20	16QAM	1	0	ANT4	DSIO	20.94	20.88	20.98	20.86	20.94	21.50
20	16QAM	1	49	ANT4	DSIO	20.93	20.81	20.95	20.92	20.92	21.50
20	16QAM	1	99	ANT4	DSIO	20.88	20.98	20.99	20.86	20.85	21.50
20	16QAM	50	0	ANT4	DSIO	19.58	19.57	19.71	19.59	19.70	20.50
20	16QAM	50	25	ANT4	DSIO	19.67	19.66	19.77	19.68	19.66	20.50
20	16QAM	50	50	ANT4	DSIO	19.78	19.76	19.85	19.82	19.76	20.50
20	16QAM	100	0	ANT4	DSIO	19.66	19.67	19.79	19.78	19.71	20.50
20	64QAM	1	0	ANT4	DSIO	19.89	19.93	20.04	19.98	19.97	20.50
20	64QAM	1	49	ANT4	DSIO	20.05	19.98	20.09	20.04	20.07	20.50
20	64QAM	1	99	ANT4	DSIO	20.05	20.07	20.11	19.96	20.05	20.50
20	64QAM	50	0	ANT4	DSIO	18.67	18.72	18.73	18.70	18.65	19.50
20	64QAM	50	25	ANT4	DSIO	18.69	18.74	18.76	18.61	18.74	19.50
20	64QAM	50	50	ANT4	DSIO	18.77	18.70	18.84	18.79	18.80	19.50
20	64QAM	100	0	ANT4	DSIO	18.75	18.68	18.76	18.65	18.67	19.50
20	256QAM	1	0	ANT4	DSIO	16.93	16.92	17.03	16.91	16.92	17.50
20	256QAM	1	49	ANT4	DSIO	16.93	16.92	17.03	16.92	16.94	17.50
20	256QAM	1	99	ANT4	DSIO	16.96	16.95	17.02	16.93	17.00	17.50
20	256QAM	50	0	ANT4	DSIO	16.61	16.65	16.67	16.64	16.59	17.50
20	256QAM	50	25	ANT4	DSIO	16.59	16.70	16.71	16.68	16.59	17.50
20	256QAM	50	50	ANT4	DSIO	16.63	16.60	16.73	16.67	16.68	17.50
20	256QAM	100	0	ANT4	DSIO	16.61	16.64	16.69	16.61	16.61	17.50

Band				LTE B41-ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39675	40148	40620	41093	41565	Tune-up power(dBm)
5	QPSK	1	0	ANT4	DSI1	13.83	13.70	13.82	13.63	13.75	15.00
5	QPSK	1	12	ANT4	DSI1	13.67	13.70	13.87	13.45	13.71	15.00
5	QPSK	1	24	ANT4	DSI1	13.64	13.63	13.81	13.42	13.76	15.00
5	QPSK	12	0	ANT4	DSI1	13.78	13.57	13.70	13.38	13.84	15.00
5	QPSK	12	6	ANT4	DSI1	13.67	13.64	13.76	13.40	13.82	15.00
5	QPSK	12	13	ANT4	DSI1	13.66	13.61	13.86	13.47	13.82	15.00
5	QPSK	25	0	ANT4	DSI1	13.71	13.64	13.84	13.49	13.72	15.00
5	16QAM	1	0	ANT4	DSI1	13.78	13.57	13.68	13.52	13.79	15.00
5	16QAM	1	12	ANT4	DSI1	13.67	13.53	13.68	13.49	13.70	15.00
5	16QAM	1	24	ANT4	DSI1	13.73	13.63	13.81	13.52	13.73	15.00
5	16QAM	12	0	ANT4	DSI1	13.81	13.76	13.66	13.44	13.61	15.00
5	16QAM	12	6	ANT4	DSI1	13.81	13.67	13.73	13.42	13.78	15.00
5	16QAM	12	13	ANT4	DSI1	13.68	13.58	13.84	13.47	13.72	15.00
5	16QAM	25	0	ANT4	DSI1	13.77	13.68	13.65	13.45	13.69	15.00
5	64QAM	1	0	ANT4	DSI1	13.75	13.73	13.87	13.48	13.77	15.00
5	64QAM	1	12	ANT4	DSI1	13.67	13.73	13.77	13.53	13.77	15.00
5	64QAM	1	24	ANT4	DSI1	13.80	13.70	13.77	13.39	13.75	15.00
5	64QAM	12	0	ANT4	DSI1	13.69	13.66	13.75	13.40	13.67	15.00
5	64QAM	12	6	ANT4	DSI1	13.87	13.62	13.68	13.48	13.63	15.00
5	64QAM	12	13	ANT4	DSI1	13.77	13.69	13.72	13.52	13.71	15.00
5	64QAM	25	0	ANT4	DSI1	13.61	13.68	13.79	13.46	13.70	15.00
5	256QAM	1	0	ANT4	DSI1	13.87	13.60	13.90	13.36	13.76	15.00
5	256QAM	1	12	ANT4	DSI1	13.76	13.72	13.89	13.47	13.81	15.00
5	256QAM	1	24	ANT4	DSI1	13.69	13.71	13.77	13.53	13.84	15.00
5	256QAM	12	0	ANT4	DSI1	13.77	13.63	13.80	13.48	13.62	15.00
5	256QAM	12	6	ANT4	DSI1	13.70	13.69	13.76	13.48	13.74	15.00
5	256QAM	12	13	ANT4	DSI1	13.74	13.69	13.73	13.46	13.77	15.00
5	256QAM	25	0	ANT4	DSI1	13.76	13.66	13.85	13.45	13.67	15.00

Band				LTE B41-ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39700	40160	40620	41080	41540	Tune-up power(dBm)
10	QPSK	1	0	ANT4	DSI1	13.87	13.68	13.81	13.51	13.88	15.00
10	QPSK	1	24	ANT4	DSI1	13.70	13.73	13.87	13.50	13.62	15.00
10	QPSK	1	49	ANT4	DSI1	13.72	13.60	13.82	13.36	13.76	15.00
10	QPSK	25	0	ANT4	DSI1	13.77	13.59	13.69	13.48	13.85	15.00
10	QPSK	25	12		DSI1	13.66	13.67	13.73	13.36	13.79	15.00
10	QPSK	25	25	ANT4	DSI1	13.75	13.66	13.77	13.43	13.73	15.00
10	QPSK	50	0	ANT4	DSI1	13.66	13.73	13.77	13.53	13.71	15.00
10	16QAM	1	0	ANT4	DSI1	13.79	13.55	13.78	13.48	13.76	15.00
10	16QAM	1	24	ANT4	DSI1	13.63	13.64	13.73	13.61	13.64	15.00
10	16QAM	1	49	ANT4	DSI1	13.77	13.71	13.88	13.47	13.80	15.00
10	16QAM	25	0	ANT4	DSI1	13.85	13.71	13.71	13.45	13.63	15.00
10	16QAM	25	12	ANT4	DSI1	13.71	13.67	13.78	13.50	13.65	15.00
10	16QAM	25	25	ANT4	DSI1	13.65	13.57	13.78	13.37	13.72	15.00
10	16QAM	50	0	ANT4	DSI1	13.86	13.68	13.73	13.46	13.73	15.00
10	64QAM	1	0	ANT4	DSI1	13.77	13.60	13.77	13.47	13.78	15.00
10	64QAM	1	24	ANT4	DSI1	13.65	13.63	13.71	13.52	13.80	15.00
10	64QAM	1	49	ANT4	DSI1	13.81	13.70	13.69	13.47	13.73	15.00
10	64QAM	25	0	ANT4	DSI1	13.62	13.68	13.83	13.44	13.68	15.00
10	64QAM	25	12	ANT4	DSI1	13.81	13.64	13.65	13.57	13.66	15.00
10	64QAM	25	25	ANT4	DSI1	13.83	13.75	13.79	13.62	13.65	15.00
10	64QAM	50	0	ANT4	DSI1	13.68	13.71	13.76	13.34	13.72	15.00
10	256QAM	1	0	ANT4	DSI1	13.79	13.60	13.89	13.47	13.88	15.00
10	256QAM	1	24	ANT4	DSI1	13.79	13.72	13.84	13.42	13.68	15.00
10	256QAM	1	49	ANT4	DSI1	13.83	13.62	13.82	13.49	13.83	15.00
10	256QAM	25	0	ANT4	DSI1	13.78	13.61	13.82	13.38	13.61	15.00
10	256QAM	25	12	ANT4	DSI1	13.65	13.65	13.83	13.52	13.66	15.00
10	256QAM	25	25	ANT4	DSI1	13.60	13.70	13.75	13.47	13.74	15.00
10	256QAM	50	0	ANT4	DSI1	13.68	13.72	13.85	13.55	13.71	15.00

Band				LTE B41-ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39725	40173	40620	41068	41515	Tune-up power(dBm)
15	QPSK	1	0	ANT4	DSI1	13.86	13.71	13.79	13.59	13.83	15.00
15	QPSK	1	37	ANT4	DSI1	13.75	13.70	13.78	13.42	13.63	15.00
15	QPSK	1	74	ANT4	DSI1	13.69	13.64	13.82	13.37	13.75	15.00
15	QPSK	36	0	ANT4	DSI1	13.72	13.56	13.77	13.41	13.75	15.00
15	QPSK	36	19	ANT4	DSI1	13.73	13.63	13.71	13.42	13.74	15.00
15	QPSK	36	39	ANT4	DSI1	13.68	13.64	13.77	13.51	13.78	15.00
15	QPSK	75	0	ANT4	DSI1	13.70	13.77	13.78	13.52	13.73	15.00
15	16QAM	1	0	ANT4	DSI1	13.80	13.55	13.71	13.51	13.84	15.00
15	16QAM	1	37	ANT4	DSI1	13.71	13.52	13.70	13.62	13.66	15.00
15	16QAM	1	74	ANT4	DSI1	13.78	13.73	13.83	13.47	13.80	15.00
15	16QAM	36	0	ANT4	DSI1	13.78	13.69	13.68	13.45	13.63	15.00
15	16QAM	36	19	ANT4	DSI1	13.79	13.54	13.83	13.37	13.67	15.00
15	16QAM	36	39	ANT4	DSI1	13.65	13.65	13.88	13.49	13.81	15.00
15	16QAM	75	0	ANT4	DSI1	13.86	13.69	13.68	13.50	13.71	15.00
15	64QAM	1	0	ANT4	DSI1	13.77	13.70	13.82	13.57	13.80	15.00
15	64QAM	1	37	ANT4	DSI1	13.68	13.75	13.69	13.52	13.80	15.00
15	64QAM	1	74	ANT4	DSI1	13.81	13.65	13.79	13.48	13.78	15.00
15	64QAM	36	0	ANT4	DSI1	13.74	13.63	13.79	13.42	13.68	15.00
15	64QAM	36	19	ANT4	DSI1	13.87	13.69	13.77	13.48	13.70	15.00
15	64QAM	36	39	ANT4	DSI1	13.78	13.74	13.78	13.55	13.64	15.00
15	64QAM	75	0	ANT4	DSI1	13.65	13.65	13.78	13.42	13.73	15.00
15	256QAM	1	0	ANT4	DSI1	13.78	13.60	13.79	13.45	13.87	15.00
15	256QAM	1	37	ANT4	DSI1	13.79	13.68	13.78	13.45	13.70	15.00
15	256QAM	1	74	ANT4	DSI1	13.76	13.68	13.87	13.55	13.81	15.00
15	256QAM	36	0	ANT4	DSI1	13.81	13.65	13.71	13.50	13.66	15.00
15	256QAM	36	19	ANT4	DSI1	13.69	13.59	13.83	13.53	13.77	15.00
15	256QAM	36	39	ANT4	DSI1	13.65	13.65	13.65	13.50	13.75	15.00
15	256QAM	75	0	ANT4	DSI1	13.74	13.69	13.74	13.47	13.71	15.00

Band				LTE B41-ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	QPSK	1	0	ANT4	DSI1	13.89	13.81	13.93	13.64	13.90	15.00
20	QPSK	1	49	ANT4	DSI1	13.78	13.74	13.91	13.56	13.77	15.00
20	QPSK	1	99	ANT4	DSI1	13.79	13.72	13.87	13.49	13.77	15.00
20	QPSK	50	0	ANT4	DSI1	13.80	13.71	13.80	13.50	13.87	15.00
20	QPSK	50	25	ANT4	DSI1	13.74	13.72	13.82	13.51	13.83	15.00
20	QPSK	50	50	ANT4	DSI1	13.79	13.69	13.92	13.52	13.85	15.00
20	QPSK	100	0	ANT4	DSI1	13.75	13.79	13.88	13.55	13.84	15.00
20	16QAM	1	0	ANT4	DSI1	13.87	13.69	13.81	13.59	13.87	15.00
20	16QAM	1	49	ANT4	DSI1	13.76	13.67	13.82	13.63	13.76	15.00
20	16QAM	1	99	ANT4	DSI1	13.82	13.76	13.91	13.56	13.87	15.00
20	16QAM	50	0	ANT4	DSI1	13.88	13.77	13.80	13.57	13.76	15.00
20	16QAM	50	25	ANT4	DSI1	13.86	13.68	13.84	13.51	13.79	15.00
20	16QAM	50	50	ANT4	DSI1	13.75	13.68	13.92	13.50	13.84	15.00
20	16QAM	100	0	ANT4	DSI1	13.88	13.74	13.79	13.53	13.80	15.00
20	64QAM	1	0	ANT4	DSI1	13.78	13.75	13.92	13.60	13.86	15.00
20	64QAM	1	49	ANT4	DSI1	13.77	13.78	13.82	13.63	13.82	15.00
20	64QAM	1	99	ANT4	DSI1	13.86	13.76	13.84	13.52	13.87	15.00
20	64QAM	50	0	ANT4	DSI1	13.76	13.72	13.85	13.54	13.75	15.00
20	64QAM	50	25	ANT4	DSI1	13.88	13.75	13.80	13.63	13.76	15.00
20	64QAM	50	50	ANT4	DSI1	13.84	13.78	13.82	13.63	13.77	15.00
20	64QAM	100	0	ANT4	DSI1	13.75	13.77	13.86	13.49	13.84	15.00
20	256QAM	1	0	ANT4	DSI1	13.88	13.68	13.91	13.51	13.89	15.00
20	256QAM	1	49	ANT4	DSI1	13.82	13.80	13.90	13.53	13.82	15.00
20	256QAM	1	99	ANT4	DSI1	13.84	13.76	13.92	13.57	13.89	15.00
20	256QAM	50	0	ANT4	DSI1	13.86	13.70	13.86	13.51	13.76	15.00
20	256QAM	50	25	ANT4	DSI1	13.79	13.71	13.87	13.56	13.78	15.00
20	256QAM	50	50	ANT4	DSI1	13.75	13.77	13.80	13.57	13.87	15.00
20	256QAM	100	0	ANT4	DSI1	13.79	13.76	13.89	13.60	13.75	15.00

Band				LTE Band42							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	42115	42660	42840	43020	43565	Tune-up power(dBm)
5	QPSK	1	0	ANT3	DSIO	24.11	24.11	24.15	24.13	24.09	25.00
5	QPSK	1	12	ANT3	DSIO	24.09	24.13	24.07	24.12	24.08	25.00
5	QPSK	1	24	ANT3	DSIO	24.07	24.08	24.03	24.02	24.06	25.00
5	QPSK	12	0	ANT3	DSIO	23.07	22.98	23.00	23.02	22.98	24.00
5	QPSK	12	6	ANT3	DSIO	22.93	22.98	22.97	23.00	23.01	24.00
5	QPSK	12	13	ANT3	DSIO	23.00	22.90	22.94	23.01	22.95	24.00
5	QPSK	25	0	ANT3	DSIO	22.92	22.98	23.00	23.04	23.03	24.00
5	16QAM	1	0	ANT3	DSIO	23.14	23.10	23.08	23.20	23.11	24.00
5	16QAM	1	12	ANT3	DSIO	23.28	23.27	23.20	23.20	23.16	24.00
5	16QAM	1	24	ANT3	DSIO	23.22	23.11	23.21	23.11	23.17	24.00
5	16QAM	12	0	ANT3	DSIO	21.85	21.89	21.97	21.93	21.93	23.00
5	16QAM	12	6	ANT3	DSIO	22.00	22.02	21.94	21.95	21.94	23.00
5	16QAM	12	13	ANT3	DSIO	21.98	22.01	21.98	22.03	22.05	23.00
5	16QAM	25	0	ANT3	DSIO	21.94	22.01	22.00	22.01	21.99	23.00
5	64QAM	1	0	ANT3	DSIO	21.99	22.03	22.04	22.02	22.05	23.00
5	64QAM	1	12	ANT3	DSIO	22.04	22.12	22.02	22.02	22.09	23.00
5	64QAM	1	24	ANT3	DSIO	22.15	22.19	22.10	22.05	22.14	23.00
5	64QAM	12	0	ANT3	DSIO	20.91	20.95	20.83	20.93	20.95	22.00
5	64QAM	12	6	ANT3	DSIO	20.95	20.93	20.84	20.93	20.85	22.00
5	64QAM	12	13	ANT3	DSIO	20.89	20.91	20.94	20.88	20.91	22.00
5	64QAM	25	0	ANT3	DSIO	20.82	20.82	20.89	20.92	20.93	22.00
5	256QAM	1	0	ANT3	DSIO	19.47	19.44	19.40	19.36	19.48	20.00
5	256QAM	1	12	ANT3	DSIO	19.40	19.43	19.44	19.51	19.47	20.00
5	256QAM	1	24	ANT3	DSIO	19.49	19.50	19.54	19.47	19.48	20.00
5	256QAM	12	0	ANT3	DSIO	19.34	19.24	19.32	19.24	19.32	20.00
5	256QAM	12	6	ANT3	DSIO	19.35	19.32	19.29	19.35	19.31	20.00
5	256QAM	12	13	ANT3	DSIO	19.30	19.28	19.38	19.25	19.25	20.00
5	256QAM	25	0	ANT3	DSIO	19.27	19.36	19.33	19.33	19.33	20.00
Band				LTE Band42							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	42140	42665	42840	43015	43540	Tune-up power(dBm)
10	QPSK	1	0	ANT3	DSIO	24.19	24.16	24.22	24.14	24.18	25.00
10	QPSK	1	24	ANT3	DSIO	24.05	24.10	24.09	24.07	24.16	25.00
10	QPSK	1	49	ANT3	DSIO	24.01	24.10	24.05	24.05	24.08	25.00
10	QPSK	25	0	ANT3	DSIO	23.02	23.05	22.96	23.05	23.00	24.00
10	QPSK	25	12	ANT3	DSIO	22.99	23.05	22.98	23.03	22.91	24.00
10	QPSK	25	25	ANT3	DSIO	22.96	22.95	23.01	23.00	23.01	24.00
10	QPSK	50	0	ANT3	DSIO	23.06	23.05	22.93	22.96	22.97	24.00
10	16QAM	1	0	ANT3	DSIO	23.12	23.19	23.17	23.13	23.15	24.00
10	16QAM	1	24	ANT3	DSIO	23.26	23.22	23.23	23.14	23.24	24.00
10	16QAM	1	49	ANT3	DSIO	23.16	23.20	23.19	23.17	23.14	24.00
10	16QAM	25	0	ANT3	DSIO	21.87	21.90	21.89	21.91	21.91	23.00
10	16QAM	25	12	ANT3	DSIO	21.94	21.90	21.99	21.95	21.97	23.00
10	16QAM	25	25	ANT3	DSIO	22.00	21.94	21.95	22.05	21.98	23.00
10	16QAM	50	0	ANT3	DSIO	21.95	21.96	21.95	21.94	22.00	23.00
10	64QAM	1	0	ANT3	DSIO	22.05	22.00	22.01	21.97	22.04	23.00
10	64QAM	1	24	ANT3	DSIO	22.06	22.08	22.08	22.12	22.05	23.00
10	64QAM	1	49	ANT3	DSIO	22.09	22.17	22.06	22.06	22.11	23.00
10	64QAM	25	0	ANT3	DSIO	20.92	20.95	20.88	20.92	20.86	22.00
10	64QAM	25	12	ANT3	DSIO	20.87	20.82	20.85	20.94	20.82	22.00
10	64QAM	25	25	ANT3	DSIO	20.96	20.94	20.96	20.89	20.88	22.00
10	64QAM	50	0	ANT3	DSIO	20.87	20.82	20.90	20.94	20.92	22.00
10	256QAM	1	0	ANT3	DSIO	19.45	19.44	19.43	19.50	19.43	20.00
10	256QAM	1	24	ANT3	DSIO	19.43	19.44	19.45	19.46	19.48	20.00
10	256QAM	1	49	ANT3	DSIO	19.43	19.48	19.43	19.56	19.55	20.00
10	256QAM	25	0	ANT3	DSIO	19.31	19.31	19.25	19.25	19.34	20.00
10	256QAM	25	12	ANT3	DSIO	19.33	19.33	19.34	19.32	19.28	20.00
10	256QAM	25	25	ANT3	DSIO	19.32	19.32	19.38	19.29	19.33	20.00
10	256QAM	50	0	ANT3	DSIO	19.32	19.29	19.25	19.29	19.28	20.00

Band				LTE Band42							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	42165	42670	42840	43010	43515	Tune-up power(dBm)
15	QPSK	1	0	ANT3	DSIO	24.17	24.20	24.22	24.19	24.09	25.00
15	QPSK	1	37	ANT3	DSIO	24.11	24.08	24.08	24.15	24.05	25.00
15	QPSK	1	74	ANT3	DSIO	24.03	24.11	24.07	24.01	24.01	25.00
15	QPSK	36	0	ANT3	DSIO	23.05	23.07	22.99	23.00	23.07	24.00
15	QPSK	36	19	ANT3	DSIO	22.95	22.98	22.98	22.95	23.01	24.00
15	QPSK	36	39	ANT3	DSIO	23.00	22.99	22.95	23.00	22.98	24.00
15	QPSK	75	0	ANT3	DSIO	22.92	22.92	23.06	23.01	22.95	24.00
15	16QAM	1	0	ANT3	DSIO	23.10	23.14	23.11	23.12	23.22	24.00
15	16QAM	1	37	ANT3	DSIO	23.25	23.28	23.23	23.14	23.24	24.00
15	16QAM	1	74	ANT3	DSIO	23.13	23.12	23.21	23.15	23.13	24.00
15	16QAM	36	0	ANT3	DSIO	21.91	21.88	21.96	21.89	21.88	23.00
15	16QAM	36	19	ANT3	DSIO	21.96	22.01	21.96	21.94	21.90	23.00
15	16QAM	36	39	ANT3	DSIO	22.04	22.05	22.01	22.05	21.95	23.00
15	16QAM	75	0	ANT3	DSIO	21.89	21.89	21.89	22.02	21.94	23.00
15	64QAM	1	0	ANT3	DSIO	22.00	21.99	21.98	22.02	22.09	23.00
15	64QAM	1	37	ANT3	DSIO	22.03	22.01	22.06	22.06	22.13	23.00
15	64QAM	1	74	ANT3	DSIO	22.12	22.13	22.18	22.14	22.07	23.00
15	64QAM	36	0	ANT3	DSIO	20.90	20.95	20.91	20.88	20.86	22.00
15	64QAM	36	19	ANT3	DSIO	20.83	20.88	20.84	20.82	20.92	22.00
15	64QAM	36	39	ANT3	DSIO	20.98	20.96	20.95	20.93	20.94	22.00
15	64QAM	75	0	ANT3	DSIO	20.90	20.96	20.94	20.96	20.93	22.00
15	256QAM	1	0	ANT3	DSIO	19.46	19.37	19.38	19.49	19.38	20.00
15	256QAM	1	37	ANT3	DSIO	19.52	19.46	19.52	19.53	19.44	20.00
15	256QAM	1	74	ANT3	DSIO	19.44	19.46	19.46	19.43	19.48	20.00
15	256QAM	36	0	ANT3	DSIO	19.33	19.32	19.30	19.34	19.26	20.00
15	256QAM	36	19	ANT3	DSIO	19.26	19.35	19.28	19.36	19.35	20.00
15	256QAM	36	39	ANT3	DSIO	19.39	19.34	19.25	19.28	19.32	20.00
15	256QAM	75	0	ANT3	DSIO	19.29	19.28	19.29	19.33	19.24	20.00
Band				LTE Band42							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	42190	42680	42840	43000	43490	Tune-up power(dBm)
20	QPSK	1	0	ANT3	DSIO	24.15	24.16	24.24	24.10	24.14	25.00
20	QPSK	1	49	ANT3	DSIO	24.09	24.03	24.17	24.09	24.08	25.00
20	QPSK	1	99	ANT3	DSIO	24.04	24.06	24.15	24.07	24.03	25.00
20	QPSK	50	0	ANT3	DSIO	22.95	23.05	23.09	23.06	23.07	24.00
20	QPSK	50	25	ANT3	DSIO	22.91	22.91	23.06	23.05	22.95	24.00
20	QPSK	50	50	ANT3	DSIO	22.97	22.90	23.05	22.96	23.04	24.00
20	QPSK	100	0	ANT3	DSIO	23.01	23.03	23.07	22.93	23.03	24.00
20	16QAM	1	0	ANT3	DSIO	23.08	23.10	23.23	23.11	23.17	24.00
20	16QAM	1	49	ANT3	DSIO	23.17	23.18	23.29	23.20	23.23	24.00
20	16QAM	1	99	ANT3	DSIO	23.14	23.12	23.25	23.15	23.16	24.00
20	16QAM	50	0	ANT3	DSIO	21.96	21.98	22.00	21.87	21.96	23.00
20	16QAM	50	25	ANT3	DSIO	21.93	21.93	22.03	21.99	22.00	23.00
20	16QAM	50	50	ANT3	DSIO	22.02	21.94	22.06	21.93	21.96	23.00
20	16QAM	100	0	ANT3	DSIO	21.92	21.96	22.04	21.89	21.90	23.00
20	64QAM	1	0	ANT3	DSIO	21.99	21.99	22.10	21.99	22.05	23.00
20	64QAM	1	49	ANT3	DSIO	22.06	22.06	22.15	22.05	22.12	23.00
20	64QAM	1	99	ANT3	DSIO	22.06	22.18	22.20	22.07	22.07	23.00
20	64QAM	50	0	ANT3	DSIO	20.90	20.85	20.97	20.83	20.91	22.00
20	64QAM	50	25	ANT3	DSIO	20.93	20.88	20.96	20.91	20.87	22.00
20	64QAM	50	50	ANT3	DSIO	20.88	20.90	21.02	20.92	20.89	22.00
20	64QAM	100	0	ANT3	DSIO	20.89	20.88	20.97	20.89	20.91	22.00
20	256QAM	1	0	ANT3	DSIO	19.44	19.40	19.51	19.48	19.48	20.00
20	256QAM	1	49	ANT3	DSIO	19.47	19.50	19.55	19.40	19.44	20.00
20	256QAM	1	99	ANT3	DSIO	19.46	19.57	19.58	19.50	19.47	20.00
20	256QAM	50	0	ANT3	DSIO	19.30	19.33	19.37	19.26	19.29	20.00
20	256QAM	50	25	ANT3	DSIO	19.33	19.36	19.39	19.28	19.33	20.00
20	256QAM	50	50	ANT3	DSIO	19.25	19.37	19.40	19.28	19.27	20.00
20	256QAM	100	0	ANT3	DSIO	19.30	19.34	19.39	19.31	19.33	20.00

Band				LTE Band42							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	42115	42660	42840	43020	43565	Tune-up power(dBm)
5	QPSK	1	0	ANT3	DSI1	15.21	15.30	15.31	15.27	15.25	16.00
5	QPSK	1	12	ANT3	DSI1	15.10	15.09	15.12	15.07	15.18	16.00
5	QPSK	1	24	ANT3	DSI1	15.31	15.21	15.29	15.10	15.29	16.00
5	QPSK	12	0	ANT3	DSI1	15.00	14.95	15.04	14.90	15.11	16.00
5	QPSK	12	6	ANT3	DSI1	14.92	15.03	15.11	15.01	15.07	16.00
5	QPSK	12	13	ANT3	DSI1	15.02	15.04	15.24	14.99	15.16	16.00
5	QPSK	25	0	ANT3	DSI1	15.05	15.08	15.15	14.99	15.13	16.00
5	16QAM	1	0	ANT3	DSI1	14.98	14.83	15.09	14.94	15.01	16.00
5	16QAM	1	12	ANT3	DSI1	14.95	14.96	15.05	14.89	15.02	16.00
5	16QAM	1	24	ANT3	DSI1	14.99	14.96	15.03	14.98	14.99	16.00
5	16QAM	12	0	ANT3	DSI1	14.90	14.99	14.98	15.01	14.97	16.00
5	16QAM	12	6	ANT3	DSI1	14.97	14.98	15.24	15.03	15.12	16.00
5	16QAM	12	13	ANT3	DSI1	15.26	15.23	15.18	15.16	15.26	16.00
5	16QAM	25	0	ANT3	DSI1	15.02	15.13	15.25	15.17	15.18	16.00
5	64QAM	1	0	ANT3	DSI1	14.90	14.84	14.94	14.85	14.96	16.00
5	64QAM	1	12	ANT3	DSI1	15.07	14.99	15.17	15.11	15.04	16.00
5	64QAM	1	24	ANT3	DSI1	15.09	15.01	15.08	15.01	15.09	16.00
5	64QAM	12	0	ANT3	DSI1	15.10	15.00	15.17	15.10	15.17	16.00
5	64QAM	12	6	ANT3	DSI1	15.06	14.98	15.22	14.91	15.08	16.00
5	64QAM	12	13	ANT3	DSI1	15.05	15.08	15.22	15.05	15.23	16.00
5	64QAM	25	0	ANT3	DSI1	15.05	15.17	15.26	15.06	15.21	16.00
5	256QAM	1	0	ANT3	DSI1	14.84	14.97	14.88	14.84	14.95	16.00
5	256QAM	1	12	ANT3	DSI1	14.91	14.89	15.08	14.96	15.05	16.00
5	256QAM	1	24	ANT3	DSI1	15.02	15.08	15.09	15.03	15.13	16.00
5	256QAM	12	0	ANT3	DSI1	14.95	14.88	15.04	14.85	15.05	16.00
5	256QAM	12	6	ANT3	DSI1	15.05	14.99	15.15	15.02	15.18	16.00
5	256QAM	12	13	ANT3	DSI1	15.09	14.99	15.16	15.13	15.15	16.00
5	256QAM	25	0	ANT3	DSI1	15.00	15.09	15.18	15.11	15.11	16.00
Band				LTE Band42							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	42140	42665	42840	43015	43540	Tune-up power(dBm)
10	QPSK	1	0	ANT3	DSI1	15.19	15.34	15.37	15.22	15.31	16.00
10	QPSK	1	24	ANT3	DSI1	15.19	15.05	15.14	14.96	15.19	16.00
10	QPSK	1	49	ANT3	DSI1	15.27	15.20	15.23	15.07	15.20	16.00
10	QPSK	25	0	ANT3	DSI1	15.06	15.00	15.08	14.92	15.11	16.00
10	QPSK	25	12	ANT3	DSI1	15.02	15.03	15.22	14.98	15.14	16.00
10	QPSK	25	25	ANT3	DSI1	15.06	15.02	15.18	15.06	15.09	16.00
10	QPSK	50	0	ANT3	DSI1	15.02	15.01	15.21	15.00	15.04	16.00
10	16QAM	1	0	ANT3	DSI1	14.88	14.83	15.05	14.92	15.07	16.00
10	16QAM	1	24	ANT3	DSI1	14.93	14.85	15.04	14.94	14.98	16.00
10	16QAM	1	49	ANT3	DSI1	14.94	14.97	15.11	14.89	14.99	16.00
10	16QAM	25	0	ANT3	DSI1	14.89	14.86	15.00	14.99	14.90	16.00
10	16QAM	25	12	ANT3	DSI1	14.97	14.95	15.16	14.99	15.15	16.00
10	16QAM	25	25	ANT3	DSI1	15.26	15.28	15.21	15.21	15.17	16.00
10	16QAM	50	0	ANT3	DSI1	14.94	15.08	15.18	15.17	15.10	16.00
10	64QAM	1	0	ANT3	DSI1	14.90	14.91	14.94	14.89	14.98	16.00
10	64QAM	1	24	ANT3	DSI1	15.05	14.87	15.14	15.02	15.10	16.00
10	64QAM	1	49	ANT3	DSI1	15.12	15.00	15.09	15.05	15.16	16.00
10	64QAM	25	0	ANT3	DSI1	15.01	15.06	15.13	15.01	15.09	16.00
10	64QAM	25	12	ANT3	DSI1	15.02	14.92	15.18	14.91	15.07	16.00
10	64QAM	25	25	ANT3	DSI1	15.07	15.21	15.15	15.14	15.21	16.00
10	64QAM	50	0	ANT3	DSI1	14.98	15.17	15.24	15.00	15.21	16.00
10	256QAM	1	0	ANT3	DSI1	14.91	14.92	14.88	14.88	15.02	16.00
10	256QAM	1	24	ANT3	DSI1	14.90	14.96	15.16	14.91	14.96	16.00
10	256QAM	1	49	ANT3	DSI1	15.11	15.02	15.08	15.00	15.16	16.00
10	256QAM	25	0	ANT3	DSI1	14.86	14.84	14.90	14.80	14.91	16.00
10	256QAM	25	12	ANT3	DSI1	14.96	15.09	15.06	15.02	15.09	16.00
10	256QAM	25	25	ANT3	DSI1	15.05	15.00	15.11	15.09	15.16	16.00
10	256QAM	50	0	ANT3	DSI1	15.10	15.14	15.24	15.12	15.21	16.00

Band				LTE Band42							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	42165	42670	42840	43010	43515	Tune-up power(dBm)
15	QPSK	1	0	ANT3	DSI1	15.19	15.28	15.38	15.31	15.29	16.00
15	QPSK	1	37	ANT3	DSI1	15.13	15.11	15.14	15.03	15.21	16.00
15	QPSK	1	74	ANT3	DSI1	15.21	15.15	15.30	15.12	15.31	16.00
15	QPSK	36	0	ANT3	DSI1	14.96	15.05	15.13	14.98	15.13	16.00
15	QPSK	36	19	ANT3	DSI1	14.95	15.01	15.22	15.00	15.18	16.00
15	QPSK	36	39	ANT3	DSI1	15.05	14.98	15.11	15.06	15.15	16.00
15	QPSK	75	0	ANT3	DSI1	15.03	15.12	15.12	14.95	15.14	16.00
15	16QAM	1	0	ANT3	DSI1	14.95	14.86	15.01	14.91	15.04	16.00
15	16QAM	1	37	ANT3	DSI1	14.91	14.84	15.01	14.97	14.99	16.00
15	16QAM	1	74	ANT3	DSI1	14.93	14.98	15.01	14.93	15.05	16.00
15	16QAM	36	0	ANT3	DSI1	14.77	14.95	14.92	14.95	14.93	16.00
15	16QAM	36	19	ANT3	DSI1	15.04	14.88	15.18	15.00	15.16	16.00
15	16QAM	36	39	ANT3	DSI1	15.18	15.18	15.24	15.15	15.26	16.00
15	16QAM	75	0	ANT3	DSI1	14.97	15.05	15.24	15.15	15.21	16.00
15	64QAM	1	0	ANT3	DSI1	14.91	14.82	15.01	14.92	14.95	16.00
15	64QAM	1	37	ANT3	DSI1	15.04	14.95	15.10	15.08	15.13	16.00
15	64QAM	1	74	ANT3	DSI1	15.08	14.95	15.12	14.98	15.05	16.00
15	64QAM	36	0	ANT3	DSI1	14.97	15.05	15.15	15.08	15.11	16.00
15	64QAM	36	19	ANT3	DSI1	15.11	14.92	15.22	14.89	15.06	16.00
15	64QAM	36	39	ANT3	DSI1	15.15	15.13	15.14	15.14	15.23	16.00
15	64QAM	75	0	ANT3	DSI1	15.04	15.14	15.19	14.98	15.08	16.00
15	256QAM	1	0	ANT3	DSI1	14.85	14.98	14.89	14.87	15.02	16.00
15	256QAM	1	37	ANT3	DSI1	14.95	14.98	15.12	14.91	14.99	16.00
15	256QAM	1	74	ANT3	DSI1	15.11	14.97	15.01	14.95	15.07	16.00
15	256QAM	36	0	ANT3	DSI1	14.86	14.83	14.99	14.88	14.94	16.00
15	256QAM	36	19	ANT3	DSI1	15.02	15.08	15.07	15.08	15.20	16.00
15	256QAM	36	39	ANT3	DSI1	15.14	14.99	15.13	15.17	15.12	16.00
15	256QAM	75	0	ANT3	DSI1	15.03	15.10	15.20	15.11	15.21	16.00
Band				LTE Band42							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	42190	42680	42840	43000	43490	Tune-up power(dBm)
20	QPSK	1	0	ANT3	DSI1	15.23	15.36	15.42	15.33	15.38	16.00
20	QPSK	1	49	ANT3	DSI1	15.23	15.12	15.22	15.09	15.24	16.00
20	QPSK	1	99	ANT3	DSI1	15.33	15.28	15.34	15.22	15.34	16.00
20	QPSK	50	0	ANT3	DSI1	15.07	15.06	15.19	15.01	15.15	16.00
20	QPSK	50	25	ANT3	DSI1	15.07	15.10	15.24	15.11	15.19	16.00
20	QPSK	50	50	ANT3	DSI1	15.09	15.11	15.25	15.10	15.23	16.00
20	QPSK	100	0	ANT3	DSI1	15.08	15.13	15.27	15.08	15.19	16.00
20	16QAM	1	0	ANT3	DSI1	15.01	14.94	15.12	15.02	15.08	16.00
20	16QAM	1	49	ANT3	DSI1	15.06	14.97	15.16	15.00	15.10	16.00
20	16QAM	1	99	ANT3	DSI1	15.02	15.03	15.15	15.02	15.11	16.00
20	16QAM	50	0	ANT3	DSI1	14.91	15.00	15.05	15.02	15.05	16.00
20	16QAM	50	25	ANT3	DSI1	15.07	15.03	15.25	15.14	15.17	16.00
20	16QAM	50	50	ANT3	DSI1	15.28	15.30	15.28	15.23	15.31	16.00
20	16QAM	100	0	ANT3	DSI1	15.09	15.17	15.31	15.19	15.23	16.00
20	64QAM	1	0	ANT3	DSI1	15.04	14.92	15.09	15.00	15.07	16.00
20	64QAM	1	49	ANT3	DSI1	15.08	15.02	15.20	15.12	15.16	16.00
20	64QAM	1	99	ANT3	DSI1	15.15	15.05	15.22	15.11	15.20	16.00
20	64QAM	50	0	ANT3	DSI1	15.11	15.10	15.25	15.12	15.18	16.00
20	64QAM	50	25	ANT3	DSI1	15.12	15.05	15.23	15.04	15.14	16.00
20	64QAM	50	50	ANT3	DSI1	15.17	15.22	15.29	15.16	15.28	16.00
20	64QAM	100	0	ANT3	DSI1	15.11	15.18	15.31	15.13	15.22	16.00
20	256QAM	1	0	ANT3	DSI1	14.97	15.01	14.99	14.97	15.03	16.00
20	256QAM	1	49	ANT3	DSI1	15.03	15.01	15.19	15.03	15.11	16.00
20	256QAM	1	99	ANT3	DSI1	15.12	15.11	15.16	15.08	15.20	16.00
20	256QAM	50	0	ANT3	DSI1	14.98	14.95	15.05	14.95	15.06	16.00
20	256QAM	50	25	ANT3	DSI1	15.10	15.11	15.19	15.10	15.22	16.00
20	256QAM	50	50	ANT3	DSI1	15.19	15.14	15.24	15.23	15.26	16.00
20	256QAM	100	0	ANT3	DSI1	15.12	15.22	15.25	15.15	15.24	16.00

Band				LTE B43							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	43615	44285	44590	44895	45565	Tune-up power(dBm)
5	QPSK	1	0	ANT3	DSIO	24.06	24.27	24.34	24.25	24.20	25.00
5	QPSK	1	12	ANT3	DSIO	24.19	24.20	24.26	24.31	24.20	25.00
5	QPSK	1	24	ANT3	DSIO	24.16	24.26	24.15	24.16	24.21	25.00
5	QPSK	12	0	ANT3	DSIO	23.06	23.25	23.18	23.18	23.10	25.00
5	QPSK	12	6	ANT3	DSIO	23.13	23.17	23.06	23.11	23.17	25.00
5	QPSK	12	13	ANT3	DSIO	23.12	23.10	23.11	23.17	23.20	25.00
5	QPSK	25	0	ANT3	DSIO	23.12	23.17	23.08	23.10	23.17	24.00
5	16QAM	1	0	ANT3	DSIO	23.45	23.67	23.63	23.70	23.54	24.00
5	16QAM	1	12	ANT3	DSIO	23.55	23.64	23.62	23.64	23.59	24.00
5	16QAM	1	24	ANT3	DSIO	23.55	23.52	23.50	23.52	23.54	24.00
5	16QAM	12	0	ANT3	DSIO	22.09	22.25	22.16	22.23	22.22	24.00
5	16QAM	12	6	ANT3	DSIO	22.05	22.18	22.09	22.17	22.24	24.00
5	16QAM	12	13	ANT3	DSIO	22.10	22.12	22.08	22.17	22.27	24.00
5	16QAM	25	0	ANT3	DSIO	22.12	22.03	22.07	22.07	22.12	23.00
5	64QAM	1	0	ANT3	DSIO	22.57	22.57	22.58	22.55	22.44	23.00
5	64QAM	1	12	ANT3	DSIO	22.66	22.57	22.62	22.56	22.53	23.00
5	64QAM	1	24	ANT3	DSIO	22.57	22.46	22.45	22.57	22.40	23.00
5	64QAM	12	0	ANT3	DSIO	21.16	21.10	21.18	21.06	21.03	23.00
5	64QAM	12	6	ANT3	DSIO	21.04	21.05	21.07	21.02	21.02	23.00
5	64QAM	12	13	ANT3	DSIO	21.03	21.03	21.06	21.09	21.03	23.00
5	64QAM	25	0	ANT3	DSIO	21.01	21.06	21.08	21.05	20.97	22.00
5	256QAM	1	0	ANT3	DSIO	19.68	19.74	19.73	19.82	19.90	20.00
5	256QAM	1	12	ANT3	DSIO	19.73	19.83	19.75	19.85	19.90	20.00
5	256QAM	1	24	ANT3	DSIO	19.80	19.83	19.95	19.90	19.82	20.00
5	256QAM	12	0	ANT3	DSIO	19.44	19.39	19.42	19.41	19.53	20.00
5	256QAM	12	6	ANT3	DSIO	19.32	19.46	19.51	19.53	19.53	20.00
5	256QAM	12	13	ANT3	DSIO	19.53	19.49	19.36	19.44	19.45	20.00
5	256QAM	25	0	ANT3	DSIO	19.42	19.40	19.48	19.44	19.48	20.00

Band				LTE B43							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	43640	44290	44590	44890	45540	Tune-up power(dBm)
10	QPSK	1	0	ANT3	DSIO	24.02	24.25	24.31	24.29	24.18	25.00
10	QPSK	1	24	ANT3	DSIO	24.23	24.25	24.28	24.28	24.13	25.00
10	QPSK	1	49	ANT3	DSIO	24.11	24.04	24.25	24.19	24.13	25.00
10	QPSK	25	0	ANT3	DSIO	23.07	23.06	23.22	23.15	23.17	24.00
10	QPSK	25	12	ANT3	DSIO	23.10	23.15	23.14	23.11	23.16	24.00
10	QPSK	25	25	ANT3	DSIO	23.12	23.28	23.29	23.16	23.20	24.00
10	QPSK	50	0	ANT3	DSIO	23.14	23.20	23.23	23.15	23.19	24.00
10	16QAM	1	0	ANT3	DSIO	23.35	23.24	23.49	23.66	23.64	24.00
10	16QAM	1	24	ANT3	DSIO	23.56	23.34	23.34	23.54	23.58	24.00
10	16QAM	1	49	ANT3	DSIO	23.42	23.37	23.35	23.61	23.59	24.00
10	16QAM	25	0	ANT3	DSIO	22.01	22.05	22.23	22.19	22.16	23.00
10	16QAM	25	12	ANT3	DSIO	22.03	22.08	22.18	22.05	22.14	23.00
10	16QAM	25	25	ANT3	DSIO	22.10	22.02	22.13	22.06	22.15	23.00
10	16QAM	50	0	ANT3	DSIO	22.11	22.16	22.18	22.02	22.15	23.00
10	64QAM	1	0	ANT3	DSIO	22.70	22.24	22.25	22.64	22.40	23.00
10	64QAM	1	24	ANT3	DSIO	22.66	22.21	22.25	22.53	22.33	23.00
10	64QAM	1	49	ANT3	DSIO	22.69	22.23	22.25	22.49	22.36	23.00
10	64QAM	25	0	ANT3	DSIO	21.15	21.09	21.17	21.05	20.99	22.00
10	64QAM	25	12	ANT3	DSIO	21.02	21.02	21.12	21.03	20.98	22.00
10	64QAM	25	25	ANT3	DSIO	21.14	21.03	21.10	21.08	21.05	22.00
10	64QAM	50	0	ANT3	DSIO	21.05	21.10	21.07	21.16	21.07	22.00
10	256QAM	1	0	ANT3	DSIO	19.70	19.59	19.69	19.74	19.87	20.00
10	256QAM	1	24	ANT3	DSIO	19.76	19.55	19.78	19.77	19.91	20.00
10	256QAM	1	49	ANT3	DSIO	19.81	19.71	19.70	19.93	19.91	20.00
10	256QAM	25	0	ANT3	DSIO	19.37	19.32	19.44	19.49	19.54	20.00
10	256QAM	25	12	ANT3	DSIO	19.41	19.52	19.57	19.44	19.51	20.00
10	256QAM	25	25	ANT3	DSIO	19.43	19.49	19.65	19.44	19.53	20.00
10	256QAM	50	0	ANT3	DSIO	19.46	19.51	19.54	19.49	19.50	20.00

Band				LTE B43							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	43665	44295	44590	44885	45515	Tune-up power(dBm)
15	QPSK	1	0	ANT3	DSIO	24.14	24.22	24.35	24.29	24.19	25.00
15	QPSK	1	37	ANT3	DSIO	24.20	24.25	24.32	24.29	24.20	25.00
15	QPSK	1	74	ANT3	DSIO	24.23	24.11	24.17	24.17	24.15	25.00
15	QPSK	36	0	ANT3	DSIO	23.15	23.01	23.22	23.17	23.15	24.00
15	QPSK	36	19	ANT3	DSIO	23.14	23.09	23.22	23.17	23.12	24.00
15	QPSK	36	39	ANT3	DSIO	23.22	23.16	23.27	23.15	23.13	24.00
15	QPSK	75	0	ANT3	DSIO	23.16	23.15	23.16	23.11	23.17	24.00
15	16QAM	1	0	ANT3	DSIO	23.46	23.35	23.49	23.69	23.52	24.00
15	16QAM	1	37	ANT3	DSIO	23.47	23.32	23.34	23.61	23.52	24.00
15	16QAM	1	74	ANT3	DSIO	23.54	23.34	23.28	23.52	23.46	24.00
15	16QAM	36	0	ANT3	DSIO	22.08	22.04	22.27	22.16	22.18	23.00
15	16QAM	36	19	ANT3	DSIO	22.04	22.01	22.10	22.16	22.16	23.00
15	16QAM	36	39	ANT3	DSIO	22.17	22.03	22.13	22.18	22.17	23.00
15	16QAM	75	0	ANT3	DSIO	22.05	22.04	22.23	22.09	22.13	23.00
15	64QAM	1	0	ANT3	DSIO	22.64	22.31	22.29	22.57	22.26	23.00
15	64QAM	1	37	ANT3	DSIO	22.58	22.23	22.23	22.59	22.26	23.00
15	64QAM	1	74	ANT3	DSIO	22.64	22.21	22.28	22.47	22.19	23.00
15	64QAM	36	0	ANT3	DSIO	21.03	21.13	21.25	21.09	21.01	22.00
15	64QAM	36	19	ANT3	DSIO	21.07	20.94	21.09	21.06	21.02	22.00
15	64QAM	36	39	ANT3	DSIO	21.05	21.11	21.16	21.04	21.04	22.00
15	64QAM	75	0	ANT3	DSIO	20.99	21.06	21.09	21.04	21.07	22.00
15	256QAM	1	0	ANT3	DSIO	19.71	19.54	19.61	19.81	19.96	20.00
15	256QAM	1	37	ANT3	DSIO	19.77	19.55	19.76	19.77	19.91	20.00
15	256QAM	1	74	ANT3	DSIO	19.82	19.67	19.73	19.84	19.92	20.00
15	256QAM	36	0	ANT3	DSIO	19.42	19.39	19.43	19.43	19.48	20.00
15	256QAM	36	19	ANT3	DSIO	19.36	19.46	19.56	19.51	19.43	20.00
15	256QAM	36	39	ANT3	DSIO	19.49	19.45	19.60	19.44	19.44	20.00
15	256QAM	75	0	ANT3	DSIO	19.37	19.43	19.47	19.42	19.51	20.00

Band				LTE B43							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	43690	44305	44590	44875	45490	Tune-up power(dBm)
20	QPSK	1	0	ANT3	DSIO	24.17	24.32	24.38	24.28	24.35	25.00
20	QPSK	1	49	ANT3	DSIO	24.26	24.33	24.37	24.24	24.34	25.00
20	QPSK	1	99	ANT3	DSIO	24.25	24.19	24.32	24.18	24.29	25.00
20	QPSK	50	0	ANT3	DSIO	23.18	23.16	23.30	23.29	23.26	24.00
20	QPSK	50	25	ANT3	DSIO	23.18	23.19	23.27	23.13	23.18	24.00
20	QPSK	50	50	ANT3	DSIO	23.27	23.29	23.30	23.15	23.25	24.00
20	QPSK	100	0	ANT3	DSIO	23.25	23.27	23.30	23.24	23.21	24.00
20	16QAM	1	0	ANT3	DSIO	23.49	23.37	23.50	23.43	23.75	24.00
20	16QAM	1	49	ANT3	DSIO	23.57	23.40	23.45	23.43	23.69	24.00
20	16QAM	1	99	ANT3	DSIO	23.57	23.40	23.42	23.35	23.63	24.00
20	16QAM	50	0	ANT3	DSIO	22.14	22.18	22.28	22.13	22.28	23.00
20	16QAM	50	25	ANT3	DSIO	22.10	22.10	22.23	22.10	22.20	23.00
20	16QAM	50	50	ANT3	DSIO	22.23	22.11	22.24	22.12	22.21	23.00
20	16QAM	100	0	ANT3	DSIO	22.16	22.17	22.26	22.24	22.13	23.00
20	64QAM	1	0	ANT3	DSIO	22.72	22.32	22.40	22.27	22.67	23.00
20	64QAM	1	49	ANT3	DSIO	22.72	22.29	22.37	22.35	22.66	23.00
20	64QAM	1	99	ANT3	DSIO	22.72	22.33	22.37	22.25	22.59	23.00
20	64QAM	50	0	ANT3	DSIO	21.18	21.22	21.26	21.13	21.19	22.00
20	64QAM	50	25	ANT3	DSIO	21.12	21.09	21.16	21.02	21.12	22.00
20	64QAM	50	50	ANT3	DSIO	21.15	21.17	21.19	21.04	21.12	22.00
20	64QAM	100	0	ANT3	DSIO	21.11	21.14	21.22	21.20	21.19	22.00
20	256QAM	1	0	ANT3	DSIO	19.82	19.60	19.70	19.68	19.88	20.00
20	256QAM	1	49	ANT3	DSIO	19.79	19.65	19.79	19.70	19.88	20.00
20	256QAM	1	99	ANT3	DSIO	19.87	19.75	19.80	19.70	19.97	20.00
20	256QAM	50	0	ANT3	DSIO	19.49	19.40	19.55	19.53	19.51	20.00
20	256QAM	50	25	ANT3	DSIO	19.45	19.59	19.63	19.52	19.54	20.00
20	256QAM	50	50	ANT3	DSIO	19.54	19.58	19.68	19.60	19.50	20.00
20	256QAM	100	0	ANT3	DSIO	19.49	19.52	19.58	19.50	19.52	20.00

Band				LTE B43							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	43615	44285	44590	44895	45565	Tune-up power(dBm)
5	QPSK	1	0	ANT3	DSI1	15.28	15.34	15.42	15.26	15.35	16.00
5	QPSK	1	12	ANT3	DSI1	15.17	15.20	15.28	15.27	15.18	16.00
5	QPSK	1	24	ANT3	DSI1	15.19	15.26	15.27	15.08	15.16	16.00
5	QPSK	12	0	ANT3	DSI1	15.04	15.07	15.21	15.12	15.21	16.00
5	QPSK	12	6	ANT3	DSI1	15.09	15.12	15.22	15.23	15.12	16.00
5	QPSK	12	13	ANT3	DSI1	15.27	15.26	15.29	15.19	15.23	16.00
5	QPSK	25	0	ANT3	DSI1	15.15	15.21	15.24	15.10	15.18	16.00
5	16QAM	1	0	ANT3	DSI1	15.08	15.13	15.06	14.98	14.98	16.00
5	16QAM	1	12	ANT3	DSI1	14.98	15.15	15.12	15.02	14.99	16.00
5	16QAM	1	24	ANT3	DSI1	15.11	14.95	15.07	15.13	15.06	16.00
5	16QAM	12	0	ANT3	DSI1	15.17	15.20	15.19	15.13	15.21	16.00
5	16QAM	12	6	ANT3	DSI1	15.15	15.16	15.20	15.25	15.17	16.00
5	16QAM	12	13	ANT3	DSI1	15.17	15.11	15.25	15.12	15.12	16.00
5	16QAM	25	0	ANT3	DSI1	15.07	15.12	15.21	15.09	15.03	16.00
5	64QAM	1	0	ANT3	DSI1	15.33	15.24	15.41	15.22	15.32	16.00
5	64QAM	1	12	ANT3	DSI1	15.24	15.27	15.23	15.13	15.23	16.00
5	64QAM	1	24	ANT3	DSI1	15.21	15.25	15.27	15.26	15.24	16.00
5	64QAM	12	0	ANT3	DSI1	15.07	15.23	15.26	15.03	15.12	16.00
5	64QAM	12	6	ANT3	DSI1	15.13	15.09	15.24	15.19	15.16	16.00
5	64QAM	12	13	ANT3	DSI1	15.20	15.13	15.33	15.27	15.21	16.00
5	64QAM	25	0	ANT3	DSI1	15.11	15.04	15.19	15.09	15.13	16.00
5	256QAM	1	0	ANT3	DSI1	15.05	15.17	15.11	15.04	15.19	16.00
5	256QAM	1	12	ANT3	DSI1	15.05	15.04	15.11	15.06	14.94	16.00
5	256QAM	1	24	ANT3	DSI1	14.98	14.92	15.07	14.99	15.09	16.00
5	256QAM	12	0	ANT3	DSI1	15.17	15.19	15.16	15.08	15.09	16.00
5	256QAM	12	6	ANT3	DSI1	15.06	15.18	15.16	15.22	15.10	16.00
5	256QAM	12	13	ANT3	DSI1	15.19	15.21	15.24	15.19	15.09	16.00
5	256QAM	25	0	ANT3	DSI1	15.13	15.04	15.21	15.20	15.15	16.00

Band				LTE B43							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	43640	44290	44590	44890	45540	Tune-up power(dBm)
10	QPSK	1	0	ANT3	DSI1	15.32	15.31	15.37	15.19	15.29	16.00
10	QPSK	1	24	ANT3	DSI1	15.22	15.27	15.29	15.19	15.19	16.00
10	QPSK	1	49	ANT3	DSI1	15.20	15.17	15.27	15.21	15.17	16.00
10	QPSK	25	0	ANT3	DSI1	15.11	15.02	15.21	15.07	15.18	16.00
10	QPSK	25	12	ANT3	DSI1	15.12	15.16	15.19	15.25	15.18	16.00
10	QPSK	25	25	ANT3	DSI1	15.13	15.25	15.32	15.19	15.21	16.00
10	QPSK	50	0	ANT3	DSI1	15.03	15.24	15.18	15.18	15.13	16.00
10	16QAM	1	0	ANT3	DSI1	14.96	15.02	15.13	14.96	14.93	16.00
10	16QAM	1	24	ANT3	DSI1	15.08	15.16	15.14	15.08	15.07	16.00
10	16QAM	1	49	ANT3	DSI1	15.08	15.01	15.20	15.09	14.96	16.00
10	16QAM	25	0	ANT3	DSI1	15.08	15.13	15.19	15.15	15.19	16.00
10	16QAM	25	12	ANT3	DSI1	15.12	15.19	15.21	15.18	15.08	16.00
10	16QAM	25	25	ANT3	DSI1	15.21	15.25	15.20	15.14	15.13	16.00
10	16QAM	50	0	ANT3	DSI1	15.02	15.02	15.26	15.18	15.07	16.00
10	64QAM	1	0	ANT3	DSI1	15.25	15.28	15.34	15.20	15.26	16.00
10	64QAM	1	24	ANT3	DSI1	15.12	15.23	15.25	15.24	15.11	16.00
10	64QAM	1	49	ANT3	DSI1	15.31	15.20	15.26	15.18	15.29	16.00
10	64QAM	25	0	ANT3	DSI1	15.16	15.21	15.23	15.12	15.04	16.00
10	64QAM	25	12	ANT3	DSI1	15.12	15.14	15.22	15.17	15.16	16.00
10	64QAM	25	25	ANT3	DSI1	15.19	15.17	15.32	15.22	15.19	16.00
10	64QAM	50	0	ANT3	DSI1	15.14	15.06	15.18	15.00	15.10	16.00
10	256QAM	1	0	ANT3	DSI1	15.15	15.14	15.23	15.04	15.15	16.00
10	256QAM	1	24	ANT3	DSI1	15.13	15.02	15.06	15.06	15.02	16.00
10	256QAM	1	49	ANT3	DSI1	15.00	14.97	15.14	14.96	15.15	16.00
10	256QAM	25	0	ANT3	DSI1	15.20	15.19	15.30	15.08	15.12	16.00
10	256QAM	25	12	ANT3	DSI1	15.18	15.21	15.20	15.12	15.11	16.00
10	256QAM	25	25	ANT3	DSI1	15.19	15.24	15.21	15.10	15.15	16.00
10	256QAM	50	0	ANT3	DSI1	15.14	15.06	15.20	15.14	15.09	16.00

Band				LTE B43							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	43665	44295	44590	44885	45515	Tune-up power(dBm)
15	QPSK	1	0	ANT3	DSI1	15.24	15.26	15.37	15.22	15.30	16.00
15	QPSK	1	37	ANT3	DSI1	15.26	15.19	15.18	15.22	15.10	16.00
15	QPSK	1	74	ANT3	DSI1	15.09	15.18	15.16	15.16	15.21	16.00
15	QPSK	36	0	ANT3	DSI1	15.01	15.10	15.16	15.09	15.13	16.00
15	QPSK	36	19	ANT3	DSI1	15.13	15.04	15.24	15.18	15.12	16.00
15	QPSK	36	39	ANT3	DSI1	15.18	15.25	15.22	15.19	15.20	16.00
15	QPSK	75	0	ANT3	DSI1	15.16	15.18	15.18	15.18	15.25	16.00
15	16QAM	1	0	ANT3	DSI1	15.06	15.10	15.00	14.97	15.03	16.00
15	16QAM	1	37	ANT3	DSI1	15.06	15.03	15.20	15.04	15.02	16.00
15	16QAM	1	74	ANT3	DSI1	15.05	14.97	15.17	15.05	14.92	16.00
15	16QAM	36	0	ANT3	DSI1	15.16	15.19	15.18	15.11	15.12	16.00
15	16QAM	36	19	ANT3	DSI1	15.12	15.06	15.23	15.22	15.12	16.00
15	16QAM	36	39	ANT3	DSI1	15.15	15.17	15.23	15.07	15.19	16.00
15	16QAM	75	0	ANT3	DSI1	15.03	15.14	15.24	15.14	15.00	16.00
15	64QAM	1	0	ANT3	DSI1	15.24	15.31	15.28	15.23	15.29	16.00
15	64QAM	1	37	ANT3	DSI1	15.17	15.22	15.30	15.26	15.21	16.00
15	64QAM	1	74	ANT3	DSI1	15.20	15.24	15.29	15.30	15.20	16.00
15	64QAM	36	0	ANT3	DSI1	15.12	15.25	15.16	15.05	15.06	16.00
15	64QAM	36	19	ANT3	DSI1	15.20	15.09	15.20	15.14	15.09	16.00
15	64QAM	36	39	ANT3	DSI1	15.21	15.19	15.29	15.22	15.21	16.00
15	64QAM	75	0	ANT3	DSI1	15.07	15.03	15.18	15.09	15.06	16.00
15	256QAM	1	0	ANT3	DSI1	15.12	15.13	15.10	15.13	15.06	16.00
15	256QAM	1	37	ANT3	DSI1	15.04	15.03	15.03	15.11	14.93	16.00
15	256QAM	1	74	ANT3	DSI1	14.97	15.05	15.09	14.95	15.09	16.00
15	256QAM	36	0	ANT3	DSI1	15.15	15.11	15.22	15.09	15.19	16.00
15	256QAM	36	19	ANT3	DSI1	15.12	15.11	15.25	15.12	15.15	16.00
15	256QAM	36	39	ANT3	DSI1	15.26	15.17	15.32	15.11	15.15	16.00
15	256QAM	75	0	ANT3	DSI1	15.13	15.13	15.29	15.22	15.05	16.00

Band				LTE B43							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	43690	44305	44590	44875	45490	Tune-up power(dBm)
20	QPSK	1	0	ANT3	DSI1	15.37	15.35	15.46	15.22	15.31	16.00
20	QPSK	1	49	ANT3	DSI1	15.27	15.29	15.32	15.20	15.14	16.00
20	QPSK	1	99	ANT3	DSI1	15.22	15.30	15.31	15.11	15.11	16.00
20	QPSK	50	0	ANT3	DSI1	15.16	15.16	15.29	15.12	15.18	16.00
20	QPSK	50	25	ANT3	DSI1	15.18	15.18	15.33	15.24	15.11	16.00
20	QPSK	50	50	ANT3	DSI1	15.28	15.27	15.35	15.25	15.11	16.00
20	QPSK	100	0	ANT3	DSI1	15.18	15.25	15.29	15.05	15.14	16.00
20	16QAM	1	0	ANT3	DSI1	15.10	15.14	15.15	14.89	14.97	16.00
20	16QAM	1	49	ANT3	DSI1	15.10	15.17	15.23	15.07	14.99	16.00
20	16QAM	1	99	ANT3	DSI1	15.13	15.07	15.21	15.15	14.96	16.00
20	16QAM	50	0	ANT3	DSI1	15.18	15.23	15.28	15.13	15.21	16.00
20	16QAM	50	25	ANT3	DSI1	15.17	15.21	15.32	15.27	15.19	16.00
20	16QAM	50	50	ANT3	DSI1	15.22	15.26	15.31	15.19	15.07	16.00
20	16QAM	100	0	ANT3	DSI1	15.15	15.16	15.27	15.17	15.09	16.00
20	64QAM	1	0	ANT3	DSI1	15.35	15.34	15.42	15.24	15.24	16.00
20	64QAM	1	49	ANT3	DSI1	15.27	15.31	15.37	15.17	15.25	16.00
20	64QAM	1	99	ANT3	DSI1	15.32	15.32	15.41	15.22	15.20	16.00
20	64QAM	50	0	ANT3	DSI1	15.21	15.27	15.29	15.06	15.05	16.00
20	64QAM	50	25	ANT3	DSI1	15.26	15.23	15.29	15.16	15.10	16.00
20	64QAM	50	50	ANT3	DSI1	15.32	15.23	15.35	15.27	15.25	16.00
20	64QAM	100	0	ANT3	DSI1	15.20	15.13	15.28	15.02	15.07	16.00
20	256QAM	1	0	ANT3	DSI1	15.17	15.22	15.24	15.16	15.06	16.00
20	256QAM	1	49	ANT3	DSI1	15.16	15.12	15.18	15.05	14.96	16.00
20	256QAM	1	99	ANT3	DSI1	15.11	15.07	15.22	14.98	15.06	16.00
20	256QAM	50	0	ANT3	DSI1	15.22	15.26	15.31	15.07	15.10	16.00
20	256QAM	50	25	ANT3	DSI1	15.19	15.23	15.28	15.22	15.07	16.00
20	256QAM	50	50	ANT3	DSI1	15.33	15.28	15.34	15.09	15.09	16.00
20	256QAM	100	0	ANT3	DSI1	15.27	15.17	15.31	15.17	15.03	16.00

Band				LTE B48							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	55265	55810	55990	56170	56715	Tune-up power(dBm)
5	QPSK	1	0	ANT3	DSIO	24.14	24.15	24.25	24.19	24.22	25.00
5	QPSK	1	12	ANT3	DSIO	24.12	24.12	24.05	24.16	24.03	25.00
5	QPSK	1	24	ANT3	DSIO	24.02	24.04	24.11	24.01	24.02	25.00
5	QPSK	12	0	ANT3	DSIO	22.91	23.02	22.95	22.98	22.96	24.00
5	QPSK	12	6	ANT3	DSIO	22.96	22.92	22.96	22.93	22.85	24.00
5	QPSK	12	13	ANT3	DSIO	22.78	22.85	22.80	22.92	22.81	24.00
5	QPSK	25	0	ANT3	DSIO	22.90	22.83	22.81	22.76	22.82	24.00
5	16QAM	1	0	ANT3	DSIO	23.20	23.24	23.19	23.27	23.19	24.00
5	16QAM	1	12	ANT3	DSIO	23.17	23.13	23.13	23.21	23.21	24.00
5	16QAM	1	24	ANT3	DSIO	23.25	23.17	23.22	23.13	23.25	24.00
5	16QAM	12	0	ANT3	DSIO	21.96	22.04	21.99	21.97	22.03	23.00
5	16QAM	12	6	ANT3	DSIO	21.90	21.90	21.90	22.01	21.99	23.00
5	16QAM	12	13	ANT3	DSIO	21.99	21.96	21.97	22.02	21.95	23.00
5	16QAM	25	0	ANT3	DSIO	21.88	21.83	21.85	21.91	21.94	23.00
5	64QAM	1	0	ANT3	DSIO	21.90	21.92	21.95	21.89	21.86	23.00
5	64QAM	1	12	ANT3	DSIO	21.79	21.81	21.85	21.89	21.84	23.00
5	64QAM	1	24	ANT3	DSIO	21.80	21.79	21.80	21.86	21.81	23.00
5	64QAM	12	0	ANT3	DSIO	21.05	20.98	21.04	21.02	21.05	22.00
5	64QAM	12	6	ANT3	DSIO	20.91	20.87	20.95	21.01	20.98	22.00
5	64QAM	12	13	ANT3	DSIO	20.91	20.89	20.85	20.86	20.89	22.00
5	64QAM	25	0	ANT3	DSIO	20.89	20.87	20.89	20.92	20.84	22.00
5	256QAM	1	0	ANT3	DSIO	19.58	19.60	19.52	19.57	19.53	20.00
5	256QAM	1	12	ANT3	DSIO	19.47	19.55	19.56	19.46	19.46	20.00
5	256QAM	1	24	ANT3	DSIO	19.37	19.48	19.42	19.37	19.39	20.00
5	256QAM	12	0	ANT3	DSIO	19.45	19.42	19.37	19.46	19.42	20.00
5	256QAM	12	6	ANT3	DSIO	19.41	19.53	19.42	19.44	19.45	20.00
5	256QAM	12	13	ANT3	DSIO	19.54	19.58	19.56	19.51	19.58	20.00
5	256QAM	25	0	ANT3	DSIO	19.42	19.37	19.46	19.40	19.38	20.00

Band				LTE B48							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	55290	55815	55990	56165	56690	Tune-up power(dBm)
10	QPSK	1	0	ANT3	DSIO	24.21	24.19	24.24	24.19	24.20	25.00
10	QPSK	1	24	ANT3	DSIO	24.03	24.02	24.12	24.08	24.13	25.00
10	QPSK	1	49	ANT3	DSIO	23.97	24.04	23.98	24.05	24.08	25.00
10	QPSK	25	0	ANT3	DSIO	22.93	23.02	22.93	22.98	22.93	24.00
10	QPSK	25	12	ANT3	DSIO	22.93	22.90	22.95	22.89	22.88	24.00
10	QPSK	25	25	ANT3	DSIO	22.90	22.92	22.81	22.84	22.90	24.00
10	QPSK	50	0	ANT3	DSIO	22.86	22.79	22.80	22.86	22.81	24.00
10	16QAM	1	0	ANT3	DSIO	23.30	23.21	23.21	23.25	23.30	24.00
10	16QAM	1	24	ANT3	DSIO	23.13	23.15	23.17	23.17	23.20	24.00
10	16QAM	1	49	ANT3	DSIO	23.23	23.15	23.19	23.17	23.23	24.00
10	16QAM	25	0	ANT3	DSIO	22.05	22.02	21.98	21.98	22.04	23.00
10	16QAM	25	12	ANT3	DSIO	21.93	21.96	21.88	22.00	21.87	23.00
10	16QAM	25	25	ANT3	DSIO	21.92	21.98	21.90	21.96	22.00	23.00
10	16QAM	50	0	ANT3	DSIO	21.83	21.83	21.94	21.82	21.82	23.00
10	64QAM	1	0	ANT3	DSIO	21.95	21.83	21.83	21.87	21.86	23.00
10	64QAM	1	24	ANT3	DSIO	21.88	21.83	21.76	21.90	21.84	23.00
10	64QAM	1	49	ANT3	DSIO	21.84	21.80	21.77	21.76	21.76	23.00
10	64QAM	25	0	ANT3	DSIO	21.04	20.96	20.97	20.91	21.04	22.00
10	64QAM	25	12	ANT3	DSIO	20.87	20.89	20.91	21.00	20.88	22.00
10	64QAM	25	25	ANT3	DSIO	20.91	20.84	20.92	20.82	20.82	22.00
10	64QAM	50	0	ANT3	DSIO	20.81	20.91	20.82	20.90	20.90	22.00
10	256QAM	1	0	ANT3	DSIO	19.59	19.55	19.51	19.62	19.61	20.00
10	256QAM	1	24	ANT3	DSIO	19.52	19.55	19.49	19.56	19.58	20.00
10	256QAM	1	49	ANT3	DSIO	19.46	19.39	19.46	19.50	19.39	20.00
10	256QAM	25	0	ANT3	DSIO	19.51	19.41	19.45	19.40	19.51	20.00
10	256QAM	25	12	ANT3	DSIO	19.41	19.53	19.48	19.47	19.49	20.00
10	256QAM	25	25	ANT3	DSIO	19.46	19.54	19.52	19.56	19.49	20.00
10	256QAM	50	0	ANT3	DSIO	19.42	19.48	19.39	19.36	19.38	20.00

Band				LTE B48							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	55315	55820	55990	56160	56665	Tune-up power(dBm)
15	QPSK	1	0	ANT3	DSIO	24.16	24.22	24.23	24.21	24.17	25.00
15	QPSK	1	37	ANT3	DSIO	24.12	24.07	24.10	24.04	24.14	25.00
15	QPSK	1	74	ANT3	DSIO	24.02	24.00	24.01	24.10	24.06	25.00
15	QPSK	36	0	ANT3	DSIO	23.04	23.03	22.97	22.92	22.96	24.00
15	QPSK	36	19	ANT3	DSIO	22.87	22.97	22.84	22.94	22.94	24.00
15	QPSK	36	39	ANT3	DSIO	22.79	22.78	22.90	22.91	22.89	24.00
15	QPSK	75	0	ANT3	DSIO	22.83	22.78	22.76	22.84	22.82	24.00
15	16QAM	1	0	ANT3	DSIO	23.25	23.28	23.28	23.20	23.18	24.00
15	16QAM	1	37	ANT3	DSIO	23.24	23.14	23.17	23.13	23.22	24.00
15	16QAM	1	74	ANT3	DSIO	23.16	23.18	23.24	23.17	23.25	24.00
15	16QAM	36	0	ANT3	DSIO	21.96	21.99	22.04	22.00	21.98	23.00
15	16QAM	36	19	ANT3	DSIO	22.00	21.89	21.91	21.98	22.01	23.00
15	16QAM	36	39	ANT3	DSIO	21.97	21.99	21.88	21.96	21.95	23.00
15	16QAM	75	0	ANT3	DSIO	21.88	21.81	21.90	21.92	21.85	23.00
15	64QAM	1	0	ANT3	DSIO	21.92	21.90	21.82	21.88	21.86	23.00
15	64QAM	1	37	ANT3	DSIO	21.81	21.85	21.80	21.86	21.77	23.00
15	64QAM	1	74	ANT3	DSIO	21.76	21.89	21.88	21.84	21.83	23.00
15	64QAM	36	0	ANT3	DSIO	20.91	20.98	21.04	21.05	21.01	22.00
15	64QAM	36	19	ANT3	DSIO	20.96	20.90	20.95	20.87	20.89	22.00
15	64QAM	36	39	ANT3	DSIO	20.84	20.95	20.87	20.83	20.92	22.00
15	64QAM	75	0	ANT3	DSIO	20.81	20.90	20.84	20.87	20.84	22.00
15	256QAM	1	0	ANT3	DSIO	19.56	19.59	19.54	19.50	19.61	20.00
15	256QAM	1	37	ANT3	DSIO	19.57	19.47	19.53	19.44	19.56	20.00
15	256QAM	1	74	ANT3	DSIO	19.38	19.40	19.46	19.50	19.40	20.00
15	256QAM	36	0	ANT3	DSIO	19.47	19.50	19.39	19.41	19.44	20.00
15	256QAM	36	19	ANT3	DSIO	19.55	19.42	19.54	19.48	19.54	20.00
15	256QAM	36	39	ANT3	DSIO	19.50	19.59	19.54	19.58	19.48	20.00
15	256QAM	75	0	ANT3	DSIO	19.47	19.39	19.46	19.43	19.45	20.00

Band				LTE B48							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	55340	55830	55990	56150	56640	Tune-up power(dBm)
20	QPSK	1	0	ANT3	DSIO	24.19	24.13	24.27	24.17	24.19	25.00
20	QPSK	1	49	ANT3	DSIO	24.16	24.08	24.17	24.06	24.14	25.00
20	QPSK	1	99	ANT3	DSIO	23.99	24.08	24.12	24.06	23.99	25.00
20	QPSK	50	0	ANT3	DSIO	23.04	23.01	23.05	22.95	22.95	24.00
20	QPSK	50	25	ANT3	DSIO	22.96	22.91	22.98	22.84	22.95	24.00
20	QPSK	50	50	ANT3	DSIO	22.85	22.86	22.93	22.84	22.88	24.00
20	QPSK	100	0	ANT3	DSIO	22.76	22.79	22.91	22.77	22.80	24.00
20	16QAM	1	0	ANT3	DSIO	23.26	23.21	23.31	23.20	23.21	24.00
20	16QAM	1	49	ANT3	DSIO	23.16	23.20	23.25	23.14	23.15	24.00
20	16QAM	1	99	ANT3	DSIO	23.21	23.24	23.28	23.26	23.15	24.00
20	16QAM	50	0	ANT3	DSIO	21.99	22.00	22.10	22.07	21.99	23.00
20	16QAM	50	25	ANT3	DSIO	21.89	21.90	22.02	21.95	21.93	23.00
20	16QAM	50	50	ANT3	DSIO	21.88	21.88	22.03	21.91	21.93	23.00
20	16QAM	100	0	ANT3	DSIO	21.85	21.88	21.95	21.81	21.80	23.00
20	64QAM	1	0	ANT3	DSIO	21.92	21.81	21.96	21.94	21.83	23.00
20	64QAM	1	49	ANT3	DSIO	21.87	21.88	21.91	21.88	21.77	23.00
20	64QAM	1	99	ANT3	DSIO	21.83	21.79	21.91	21.84	21.79	23.00
20	64QAM	50	0	ANT3	DSIO	21.02	20.91	21.06	21.01	21.03	22.00
20	64QAM	50	25	ANT3	DSIO	20.97	20.89	21.02	20.87	20.89	22.00
20	64QAM	50	50	ANT3	DSIO	20.93	20.93	20.97	20.91	20.82	22.00
20	64QAM	100	0	ANT3	DSIO	20.95	20.92	20.96	20.86	20.91	22.00
20	256QAM	1	0	ANT3	DSIO	19.55	19.60	19.64	19.53	19.63	20.00
20	256QAM	1	49	ANT3	DSIO	19.46	19.53	19.59	19.47	19.51	20.00
20	256QAM	1	99	ANT3	DSIO	19.38	19.44	19.52	19.49	19.39	20.00
20	256QAM	50	0	ANT3	DSIO	19.37	19.44	19.52	19.43	19.46	20.00
20	256QAM	50	25	ANT3	DSIO	19.49	19.52	19.56	19.46	19.55	20.00
20	256QAM	50	50	ANT3	DSIO	19.49	19.50	19.61	19.53	19.46	20.00
20	256QAM	100	0	ANT3	DSIO	19.41	19.42	19.51	19.43	19.42	20.00

Band				LTE B48							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	55265	55810	55990	56170	56715	Tune-up power(dBm)
5	QPSK	1	0	ANT3	DSI1	15.08	15.07	15.30	15.20	15.15	16.00
5	QPSK	1	12	ANT3	DSI1	15.03	14.99	15.18	15.05	15.00	16.00
5	QPSK	1	24	ANT3	DSI1	15.14	15.19	15.19	15.12	15.19	16.00
5	QPSK	12	0	ANT3	DSI1	15.15	15.05	15.23	15.15	15.17	16.00
5	QPSK	12	6	ANT3	DSI1	15.16	15.23	15.22	15.28	15.19	16.00
5	QPSK	12	13	ANT3	DSI1	15.04	15.09	15.13	14.98	15.02	16.00
5	QPSK	25	0	ANT3	DSI1	15.08	15.08	15.20	15.06	15.06	16.00
5	16QAM	1	0	ANT3	DSI1	14.85	14.82	14.76	14.83	14.79	16.00
5	16QAM	1	12	ANT3	DSI1	14.83	14.87	14.91	14.85	14.77	16.00
5	16QAM	1	24	ANT3	DSI1	14.81	14.93	14.93	14.78	14.82	16.00
5	16QAM	12	0	ANT3	DSI1	14.77	14.76	14.86	14.97	14.77	16.00
5	16QAM	12	6	ANT3	DSI1	14.75	14.75	14.92	14.70	14.84	16.00
5	16QAM	12	13	ANT3	DSI1	14.74	14.76	14.75	14.70	14.67	16.00
5	16QAM	25	0	ANT3	DSI1	14.67	14.62	14.73	14.72	14.67	16.00
5	64QAM	1	0	ANT3	DSI1	15.10	15.06	15.15	15.08	15.21	16.00
5	64QAM	1	12	ANT3	DSI1	14.70	14.81	14.96	14.80	14.87	16.00
5	64QAM	1	24	ANT3	DSI1	14.94	14.88	15.00	15.02	14.95	16.00
5	64QAM	12	0	ANT3	DSI1	14.98	14.92	14.94	14.96	14.81	16.00
5	64QAM	12	6	ANT3	DSI1	14.84	14.85	14.95	14.79	14.91	16.00
5	64QAM	12	13	ANT3	DSI1	14.83	14.91	15.01	14.84	14.85	16.00
5	64QAM	25	0	ANT3	DSI1	14.90	14.93	14.95	15.01	14.94	16.00
5	256QAM	1	0	ANT3	DSI1	14.92	14.93	14.92	14.77	14.80	16.00
5	256QAM	1	12	ANT3	DSI1	14.85	14.77	14.98	14.81	14.89	16.00
5	256QAM	1	24	ANT3	DSI1	14.94	14.93	14.96	14.91	14.83	16.00
5	256QAM	12	0	ANT3	DSI1	14.87	14.89	14.95	14.98	14.96	16.00
5	256QAM	12	6	ANT3	DSI1	14.93	14.94	14.92	14.97	14.89	16.00
5	256QAM	12	13	ANT3	DSI1	15.00	14.94	15.01	14.80	14.85	16.00
5	256QAM	25	0	ANT3	DSI1	14.98	14.98	15.00	14.90	14.90	16.00

Band				LTE B48							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	55290	55815	55990	56165	56690	Tune-up power(dBm)
10	QPSK	1	0	ANT3	DSI1	15.02	15.14	15.32	15.25	15.15	16.00
10	QPSK	1	24	ANT3	DSI1	15.10	15.00	15.19	15.05	15.12	16.00
10	QPSK	1	49	ANT3	DSI1	15.10	15.20	15.29	15.18	15.17	16.00
10	QPSK	25	0	ANT3	DSI1	15.19	15.03	15.18	15.23	15.20	16.00
10	QPSK	25	12	ANT3	DSI1	15.15	15.18	15.21	15.19	15.13	16.00
10	QPSK	25	25	ANT3	DSI1	14.96	15.08	15.18	15.07	15.07	16.00
10	QPSK	50	0	ANT3	DSI1	15.17	15.05	15.12	15.15	15.05	16.00
10	16QAM	1	0	ANT3	DSI1	14.75	14.77	14.79	14.82	14.76	16.00
10	16QAM	1	24	ANT3	DSI1	14.70	14.76	14.93	14.84	14.70	16.00
10	16QAM	1	49	ANT3	DSI1	14.80	14.91	14.84	14.81	14.85	16.00
10	16QAM	25	0	ANT3	DSI1	14.84	14.76	14.87	14.88	14.84	16.00
10	16QAM	25	12	ANT3	DSI1	14.83	14.82	14.81	14.78	14.84	16.00
10	16QAM	25	25	ANT3	DSI1	14.76	14.77	14.84	14.69	14.69	16.00
10	16QAM	50	0	ANT3	DSI1	14.63	14.61	14.76	14.71	14.69	16.00
10	64QAM	1	0	ANT3	DSI1	15.17	15.08	15.19	15.04	15.21	16.00
10	64QAM	1	24	ANT3	DSI1	14.82	14.75	14.84	14.69	14.92	16.00
10	64QAM	1	49	ANT3	DSI1	14.96	14.98	15.02	14.90	14.98	16.00
10	64QAM	25	0	ANT3	DSI1	14.97	14.94	14.97	14.90	14.81	16.00
10	64QAM	25	12	ANT3	DSI1	14.94	14.75	14.90	14.86	14.91	16.00
10	64QAM	25	25	ANT3	DSI1	14.89	14.81	14.96	14.77	14.93	16.00
10	64QAM	50	0	ANT3	DSI1	14.82	14.93	15.01	15.02	15.00	16.00
10	256QAM	1	0	ANT3	DSI1	14.98	14.82	14.86	14.83	14.88	16.00
10	256QAM	1	24	ANT3	DSI1	14.81	14.88	14.94	14.82	14.95	16.00
10	256QAM	1	49	ANT3	DSI1	14.93	14.86	15.00	14.96	14.82	16.00
10	256QAM	25	0	ANT3	DSI1	14.97	14.86	14.99	14.93	14.92	16.00
10	256QAM	25	12	ANT3	DSI1	14.89	14.95	14.92	14.95	14.94	16.00
10	256QAM	25	25	ANT3	DSI1	14.99	14.94	15.05	14.94	14.97	16.00
10	256QAM	50	0	ANT3	DSI1	15.04	14.96	15.02	14.88	14.97	16.00

Band				LTE B48							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	55315	55820	55990	56160	56665	Tune-up power(dBm)
15	QPSK	1	0	ANT3	DSI1	15.00	15.13	15.31	15.29	15.09	16.00
15	QPSK	1	37	ANT3	DSI1	15.00	15.04	15.07	15.03	15.09	16.00
15	QPSK	1	74	ANT3	DSI1	15.14	15.22	15.18	15.06	15.25	16.00
15	QPSK	36	0	ANT3	DSI1	15.09	15.03	15.14	15.18	15.07	16.00
15	QPSK	36	19	ANT3	DSI1	15.16	15.23	15.28	15.26	15.17	16.00
15	QPSK	36	39	ANT3	DSI1	15.08	15.03	15.13	15.02	15.11	16.00
15	QPSK	75	0	ANT3	DSI1	15.14	15.17	15.11	15.13	14.99	16.00
15	16QAM	1	0	ANT3	DSI1	14.74	14.74	14.78	14.83	14.76	16.00
15	16QAM	1	37	ANT3	DSI1	14.73	14.84	14.81	14.91	14.82	16.00
15	16QAM	1	74	ANT3	DSI1	14.78	14.81	14.93	14.77	14.85	16.00
15	16QAM	36	0	ANT3	DSI1	14.80	14.79	14.85	14.97	14.81	16.00
15	16QAM	36	19	ANT3	DSI1	14.82	14.88	14.94	14.69	14.83	16.00
15	16QAM	36	39	ANT3	DSI1	14.70	14.79	14.76	14.68	14.66	16.00
15	16QAM	75	0	ANT3	DSI1	14.66	14.62	14.77	14.76	14.71	16.00
15	64QAM	1	0	ANT3	DSI1	15.10	15.06	15.18	15.04	15.20	16.00
15	64QAM	1	37	ANT3	DSI1	14.72	14.77	14.95	14.80	14.90	16.00
15	64QAM	1	74	ANT3	DSI1	14.92	14.98	15.01	15.01	14.88	16.00
15	64QAM	36	0	ANT3	DSI1	15.02	15.03	15.04	14.94	14.93	16.00
15	64QAM	36	19	ANT3	DSI1	14.81	14.74	14.93	14.87	14.90	16.00
15	64QAM	36	39	ANT3	DSI1	14.96	14.79	14.98	14.88	14.97	16.00
15	64QAM	75	0	ANT3	DSI1	14.80	14.94	14.99	15.04	14.99	16.00
15	256QAM	1	0	ANT3	DSI1	14.85	14.87	14.86	14.74	14.81	16.00
15	256QAM	1	37	ANT3	DSI1	14.88	14.89	14.99	14.85	14.95	16.00
15	256QAM	1	74	ANT3	DSI1	14.96	14.89	15.00	14.95	14.79	16.00
R	256QAM	36	0	ANT3	DSI1	14.99	14.78	14.91	14.98	14.89	16.00
15	256QAM	36	19	ANT3	DSI1	14.95	14.94	14.92	14.85	14.95	16.00
15	256QAM	36	39	ANT3	DSI1	14.99	14.85	15.01	14.90	14.91	16.00
15	256QAM	75	0	ANT3	DSI1	14.93	14.96	15.10	14.89	14.89	16.00

Band				LTE B48							
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	55340	55830	55990	56150	56640	Tune-up power(dBm)
20	QPSK	1	0	ANT3	DSI1	15.13	15.20	15.37	15.34	15.23	16.00
20	QPSK	1	49	ANT3	DSI1	15.14	15.12	15.22	15.08	15.13	16.00
20	QPSK	1	99	ANT3	DSI1	15.22	15.32	15.33	15.19	15.30	16.00
20	QPSK	50	0	ANT3	DSI1	15.20	15.14	15.25	15.24	15.21	16.00
20	QPSK	50	25	ANT3	DSI1	15.28	15.30	15.31	15.30	15.27	16.00
20	QPSK	50	50	ANT3	DSI1	15.10	15.12	15.20	15.13	15.13	16.00
20	QPSK	100	0	ANT3	DSI1	15.18	15.19	15.24	15.17	15.14	16.00
20	16QAM	1	0	ANT3	DSI1	14.88	14.85	14.90	14.84	14.89	16.00
20	16QAM	1	49	ANT3	DSI1	14.85	14.89	14.95	14.93	14.85	16.00
20	16QAM	1	99	ANT3	DSI1	14.89	14.94	14.96	14.92	14.95	16.00
20	16QAM	50	0	ANT3	DSI1	14.90	14.89	14.99	14.98	14.88	16.00
20	16QAM	50	25	ANT3	DSI1	14.86	14.90	14.95	14.84	14.93	16.00
20	16QAM	50	50	ANT3	DSI1	14.80	14.86	14.89	14.77	14.81	16.00
20	16QAM	100	0	ANT3	DSI1	14.77	14.75	14.86	14.80	14.75	16.00
20	64QAM	1	0	ANT3	DSI1	15.25	15.15	15.29	15.17	15.26	16.00
20	64QAM	1	49	ANT3	DSI1	14.83	14.89	14.98	14.83	14.93	16.00
20	64QAM	1	99	ANT3	DSI1	15.01	15.01	15.05	15.03	15.01	16.00
20	64QAM	50	0	ANT3	DSI1	15.07	15.06	15.09	15.02	14.96	16.00
20	64QAM	50	25	ANT3	DSI1	14.95	14.86	15.00	14.92	14.98	16.00
20	64QAM	50	50	ANT3	DSI1	14.98	14.92	15.03	14.92	14.98	16.00
20	64QAM	100	0	ANT3	DSI1	14.95	15.01	15.09	15.07	15.08	16.00
20	256QAM	1	0	ANT3	DSI1	14.99	14.95	15.00	14.85	14.92	16.00
20	256QAM	1	49	ANT3	DSI1	14.91	14.90	15.03	14.94	14.99	16.00
20	256QAM	1	99	ANT3	DSI1	14.97	14.95	15.02	14.98	14.89	16.00
20	256QAM	50	0	ANT3	DSI1	15.00	14.91	15.04	15.03	14.97	16.00
20	256QAM	50	25	ANT3	DSI1	14.96	14.97	15.05	15.00	15.03	16.00
20	256QAM	50	50	ANT3	DSI1	15.08	14.99	15.09	14.95	14.98	16.00
20	256QAM	100	0	ANT3	DSI1	15.06	15.05	15.12	14.98	15.04	16.00

8.4.1 NR n2 Output Power

n2-ANT6 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency(MHz)				1870.00	1880.00	1890.00	
40	PI/2 BPSK	1	1	24.31	24.39	24.33	25.00
		1	108	24.24	24.25	24.13	25.00
		1	214	24.19	24.33	24.22	25.00
		108	0	23.68	23.79	23.75	24.50
		108	54	24.18	24.29	24.21	25.00
		108	108	23.67	23.73	23.62	24.50
		216	0	23.64	23.69	23.64	24.50
	QPSK	1	1	24.17	24.21	24.11	25.00
		1	108	24.08	24.19	24.15	25.00
		1	214	24.05	24.11	24.03	25.00
		108	0	23.16	23.21	23.20	24.00
		108	54	24.04	24.17	24.16	25.00
		108	108	23.12	23.18	23.09	24.00
		216	0	23.13	23.14	23.09	24.00
	16QAM	1	1	22.77	22.88	22.79	24.00
	64QAM	1	1	21.29	21.35	21.27	22.50
	256QAM	1	1	20.16	20.25	20.24	20.50
Channel				373000	376000	379000	Tune-up power
Frequency(MHz)				1865	1880	1895	
30	QPSK	1	1	24.19	24.28	24.23	25.00
Channel				372500	376000	379500	Tune-up power
Frequency(MHz)				1862.5	1880	1897.5	
25	QPSK	1	1	24.28	24.28	24.19	25.00
Channel				372000	376000	380000	Tune-up power
Frequency(MHz)				1860	1880	1900	
20	QPSK	1	1	24.27	24.37	24.27	25.00
Channel				371500	376000	380500	Tune-up power
Frequency(MHz)				1857.5	1880	1902.5	
15	QPSK	1	1	24.21	24.25	24.30	25.00
Channel				371000	376000	381000	Tune-up power
Frequency(MHz)				1855	1880	1905	
10	QPSK	1	1	24.16	24.31	24.21	25.00
Channel				370500	376000	381500	Tune-up power
Frequency(MHz)				1852.5	1880	1907.5	
5	QPSK	1	1	24.21	24.32	24.24	25.00

n2-ANT6 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency(MHz)				1870.00	1880.00	1890.00	
40	PI/2 BPSK	1	1	16.20	16.26	16.24	17.00
		1	108	16.12	16.24	16.10	17.00
		1	214	16.11	16.22	16.08	17.00
		108	0	16.07	16.20	16.11	17.00
		108	54	16.09	16.16	16.15	17.00
		108	108	16.17	16.24	16.16	17.00
		216	0	16.03	16.12	16.09	17.00
	QPSK	1	1	16.16	16.17	16.15	17.00
		1	108	16.11	16.20	16.15	17.00
		1	214	16.04	16.17	16.16	17.00
		108	0	16.10	16.22	16.18	17.00
		108	54	16.01	16.14	16.06	17.00
		108	108	16.10	16.16	16.13	17.00
		216	0	16.11	16.24	16.10	17.00
	16QAM	1	1	15.91	15.95	15.86	17.00
	64QAM	1	1	15.82	15.94	15.93	17.00
	256QAM	1	1	15.87	15.93	15.84	17.00
Channel				373000	376000	379000	Tune-up power
Frequency(MHz)				1865	1880	1895	
30	QPSK	1	1	16.06	16.24	16.19	17.00
Channel				372500	376000	379500	Tune-up power
Frequency(MHz)				1862.5	1880	1897.5	
25	QPSK	1	1	16.13	16.23	16.18	17.00
Channel				372000	376000	380000	Tune-up power
Frequency(MHz)				1860	1880	1900	
20	QPSK	1	1	16.10	16.19	16.10	17.00
Channel				371500	376000	380500	Tune-up power
Frequency(MHz)				1857.5	1880	1902.5	
15	QPSK	1	1	16.07	16.18	16.11	17.00
Channel				371000	376000	381000	Tune-up power
Frequency(MHz)				1855	1880	1905	
10	QPSK	1	1	16.11	16.24	16.17	17.00
Channel				370500	376000	381500	Tune-up power
Frequency(MHz)				1852.5	1880	1907.5	
5	QPSK	1	1	16.05	16.24	16.14	17.00

8.4.2 NR n5 Output Power

n5-ANT2 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	Tune-up limit (dBm)
Frequency(MHz)				834.00	836.50	839.00	
20	PI/2 BPSK	1	1	23.13	23.21	23.12	24.00
		1	53	23.10	23.18	23.04	24.00
		1	104	22.94	23.06	22.97	24.00
		50	0	22.50	22.56	22.53	23.50
		50	28	22.95	23.06	22.99	24.00
		50	56	22.46	22.50	22.39	23.50
		100	0	22.48	22.55	22.50	23.50
	QPSK	1	1	23.00	23.04	23.02	24.00
		1	53	22.80	22.92	22.83	24.00
		1	104	22.78	22.93	22.87	24.00
		50	0	21.89	21.96	21.87	23.00
		50	28	22.94	22.98	22.90	24.00
		50	56	21.81	21.88	21.73	23.00
		100	0	21.90	21.92	21.78	23.00
	16QAM	1	1	21.60	21.68	21.61	23.00
	64QAM	1	1	20.21	20.23	20.11	21.50
	256QAM	1	1	18.90	18.95	18.88	19.50
Channel				166300	167300	168300	Tune-up power
Frequency(MHz)				831.5	836.5	841.5	
15	QPSK	1	1	23.00	23.13	22.98	24.00
Channel				165800	167300	168800	Tune-up power
Frequency(MHz)				829	836.5	844	
10	QPSK	1	1	23.00	23.15	22.91	24.00
Channel				165300	167300	169300	Tune-up power
Frequency(MHz)				826.5	836.5	846.5	
5	QPSK	1	1	22.99	23.07	22.95	24.00

n5-ANT2 DSI1							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency(MHz)				834.00	836.50	839.00	
20	PI/2 BPSK	1	1	19.25	19.39	19.35	20.00
		1	53	19.18	19.24	19.18	20.00
		1	104	19.04	19.20	19.13	20.00
		50	0	18.57	18.69	18.70	20.00
		50	28	19.01	19.24	19.11	20.00
		50	56	18.63	18.59	18.56	20.00
		100	0	18.64	18.61	18.68	20.00
	QPSK	1	1	19.08	19.14	19.17	20.00
		1	53	18.88	19.00	18.93	20.00
		1	104	18.83	19.08	18.95	20.00
		50	0	19.07	19.17	19.17	20.00
		50	28	19.06	19.14	19.05	20.00
		50	56	19.14	19.14	19.05	20.00
		100	0	19.03	19.16	19.16	20.00
	16QAM	1	1	19.10	19.20	19.09	20.00
	64QAM	1	1	19.07	19.20	19.12	20.00
	256QAM	1	1	18.94	19.02	18.85	19.50
Channel				166300	167300	168300	Tune-up power
Frequency(MHz)				831.5	836.5	841.5	
15	QPSK	1	1	19.20	19.26	19.15	20.00
Channel				165800	167300	168800	Tune-up power
Frequency(MHz)				829	836.5	844	
10	QPSK	1	1	19.28	19.31	19.19	20.00
Channel				165300	167300	169300	Tune-up power
Frequency(MHz)				826.5	836.5	846.5	
5	QPSK	1	1	19.18	19.28	19.11	20.00

8.4.2 NR n5 Output Power

n5-ENDC-ANT2 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	Tune-up limit (dBm)
Frequency(MHz)				834.00	836.50	839.00	
20	PI/2 BPSK	1	1	20.13	20.21	20.12	21.00
		1	53	20.10	20.18	20.04	21.00
		1	104	19.94	20.06	19.97	21.00
		50	0	19.50	19.56	19.53	20.50
		50	28	19.95	20.06	19.99	21.00
		50	56	19.46	19.50	19.39	20.50
		100	0	19.48	19.55	19.50	20.50
	QPSK	1	1	20.00	20.04	20.02	21.00
		1	53	19.80	19.92	19.83	21.00
		1	104	19.78	19.93	19.87	21.00
		50	0	18.89	18.96	18.87	20.00
		50	28	19.94	19.98	19.90	21.00
		50	56	18.81	18.88	18.73	20.00
		100	0	18.90	18.92	18.78	20.00
	16QAM	1	1	18.60	18.68	18.61	20.00
	64QAM	1	1	17.21	17.23	17.11	18.50
	256QAM	1	1	15.90	15.95	15.88	16.50
Channel				166300	167300	168300	Tune-up power
Frequency(MHz)				831.5	836.5	841.5	
15	QPSK	1	1	20.00	20.13	19.98	21.00
Channel				165800	167300	168800	Tune-up power
Frequency(MHz)				829	836.5	844	
10	QPSK	1	1	20.00	20.15	19.91	21.00
Channel				165300	167300	169300	Tune-up power
Frequency(MHz)				826.5	836.5	846.5	
5	QPSK	1	1	19.99	20.07	19.95	21.00

n5-ENDC-ANT2 DSI1							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency(MHz)				834.00	836.50	839.00	
20	PI/2 BPSK	1	1	16.05	16.19	16.05	17.00
		1	53	15.98	16.04	15.98	17.00
		1	104	15.84	16.00	15.93	17.00
		50	0	15.37	15.49	15.50	17.00
		50	28	15.81	16.04	15.91	17.00
		50	56	15.43	15.39	15.36	17.00
		100	0	15.44	15.41	15.48	17.00
	QPSK	1	1	15.88	15.94	15.97	17.00
		1	53	15.68	15.80	15.73	17.00
		1	104	15.63	15.88	15.75	17.00
		50	0	15.87	15.97	15.97	17.00
		50	28	15.86	15.94	15.85	17.00
		50	56	15.94	15.94	15.85	17.00
		100	0	15.83	15.96	15.96	17.00
	16QAM	1	1	15.90	16.00	15.89	17.00
	64QAM	1	1	15.87	16.00	15.92	17.00
	256QAM	1	1	15.74	15.82	15.65	16.50
Channel				166300	167300	168300	Tune-up power
Frequency(MHz)				831.5	836.5	841.5	
15	QPSK	1	1	16.00	16.06	15.95	17.00
Channel				165800	167300	168800	Tune-up power
Frequency(MHz)				829	836.5	844	
10	QPSK	1	1	16.08	16.11	15.99	17.00
Channel				165300	167300	169300	Tune-up power
Frequency(MHz)				826.5	836.5	846.5	
5	QPSK	1	1	15.98	16.08	15.91	17.00

8.4.3 NR n7 Output Power

n7-ANT4 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	Tune-up limit (dBm)
Frequency(MHz)				2525.00	2535.00	2545.00	
50	PI/2 BPSK	1	1	23.36	23.40	23.39	24.00
		1	135	23.24	23.34	23.33	24.00
		1	268	23.26	23.33	23.28	24.00
		135	0	22.67	22.79	22.74	23.50
		135	68	23.17	23.32	23.29	24.00
		135	135	22.79	22.89	22.77	23.50
		270	0	22.76	22.82	22.81	23.50
	QPSK	1	1	23.21	23.35	23.28	24.00
		1	135	23.31	23.32	23.23	24.00
		1	268	23.17	23.27	23.15	24.00
		135	0	22.24	22.33	22.19	23.00
		135	68	23.24	23.34	23.20	24.00
		135	135	22.23	22.32	22.26	23.00
		270	0	22.25	22.32	22.25	23.00
	16QAM	1	1	22.00	22.06	22.05	23.00
	64QAM	1	1	20.50	20.58	20.55	21.50
	256QAM	1	1	19.30	19.43	19.39	19.50
Channel				504000	507000	510000	Tune-up power
Frequency(MHz)				2520	2535	2550	
40	QPSK	1	1	23.25	23.35	23.33	24.00
Channel				503000	507000	511000	Tune-up power
Frequency(MHz)				2515	2535	2555	
30	QPSK	1	1	23.30	23.32	23.29	24.00
Channel				502500	507000	511500	Tune-up power
Frequency(MHz)				2512.5	2535	2557.5	
25	QPSK	1	1	23.27	23.37	23.35	24.00
Channel				502000	507000	512000	Tune-up power
Frequency(MHz)				2510	2535	2560	
20	QPSK	1	1	23.29	23.37	23.26	24.00
Channel				501500	507000	512500	Tune-up power
Frequency(MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	23.29	23.33	23.31	24.00
Channel				501000	507000	513000	Tune-up power
Frequency(MHz)				2505	2535	2565	
10	QPSK	1	1	23.32	23.35	23.31	24.00
Channel				500500	507000	513500	Tune-up power
Frequency(MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	23.31	23.37	23.35	24.00

n7-ANT4 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency(MHz)				2525.00	2535.00	2545.00	
50	PI/2 BPSK	1	1	15.53	15.59	15.50	16.00
		1	135	15.41	15.44	15.33	16.00
		1	268	15.37	15.45	15.39	16.00
		135	0	15.45	15.53	15.50	16.00
		135	68	15.34	15.48	15.35	16.00
		135	135	15.55	15.58	15.49	16.00
		270	0	15.38	15.47	15.32	16.00
	QPSK	1	1	15.45	15.52	15.46	16.00
		1	135	15.51	15.55	15.50	16.00
		1	268	15.36	15.46	15.45	16.00
		135	0	15.44	15.49	15.36	16.00
		135	68	15.48	15.57	15.53	16.00
		135	135	15.47	15.49	15.41	16.00
		270	0	15.50	15.58	15.55	16.00
	16QAM	1	1	15.17	15.21	15.08	16.00
	64QAM	1	1	15.26	15.29	15.26	16.00
	256QAM	1	1	15.23	15.33	15.28	16.00
Channel				504000	507000	510000	Tune-up power
Frequency(MHz)				2520	2535	2550	
40	QPSK	1	1	15.40	15.52	15.37	16.00
Channel				503000	507000	511000	Tune-up power
Frequency(MHz)				2515	2535	2555	
30	QPSK	1	1	15.41	15.56	15.35	16.00
Channel				502500	507000	511500	Tune-up power
Frequency(MHz)				2512.5	2535	2557.5	
25	QPSK	1	1	15.46	15.49	15.41	16.00
Channel				502000	507000	512000	Tune-up power
Frequency(MHz)				2510	2535	2560	
20	QPSK	1	1	15.42	15.46	15.36	16.00
Channel				501500	507000	512500	Tune-up power
Frequency(MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	15.42	15.47	15.46	16.00
Channel				501000	507000	513000	Tune-up power
Frequency(MHz)				2505	2535	2565	
10	QPSK	1	1	15.46	15.58	15.37	16.00
Channel				500500	507000	513500	Tune-up power
Frequency(MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	15.43	15.50	15.39	16.00

8.4.3 NR n7 Output Power

n7-ENDC-ANT4 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency(MHz)				2525.00	2535.00	2545.00	
50	PI/2 BPSK	1	1	20.36	20.40	20.39	21.00
		1	135	20.24	20.34	20.33	21.00
		1	268	20.26	20.33	20.28	21.00
		135	0	19.67	19.79	19.74	20.50
		135	68	20.17	20.32	20.29	21.00
		135	135	19.79	19.89	19.77	20.50
		270	0	19.76	19.82	19.81	20.50
	QPSK	1	1	20.21	20.35	20.28	21.00
		1	135	20.31	20.32	20.23	21.00
		1	268	20.17	20.27	20.15	21.00
		135	0	19.24	19.33	19.19	20.00
		135	68	20.24	20.34	20.20	21.00
		135	135	19.23	19.32	19.26	20.00
		270	0	19.25	19.32	19.25	20.00
	16QAM	1	1	19.00	19.06	19.05	20.00
	64QAM	1	1	17.50	17.58	17.55	18.50
	256QAM	1	1	16.30	16.43	16.39	16.50
Channel				504000	507000	510000	Tune-up power
Frequency(MHz)				2520	2535	2550	
40	QPSK	1	1	20.25	20.35	20.33	21.00
Channel				503000	507000	511000	Tune-up power
Frequency(MHz)				2515	2535	2555	
30	QPSK	1	1	20.30	20.32	20.29	21.00
Channel				502500	507000	511500	Tune-up power
Frequency(MHz)				2512.5	2535	2557.5	
25	QPSK	1	1	20.27	20.37	20.35	21.00
Channel				502000	507000	512000	Tune-up power
Frequency(MHz)				2510	2535	2560	
20	QPSK	1	1	20.29	20.37	20.26	21.00
Channel				501500	507000	512500	Tune-up power
Frequency(MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	20.29	20.33	20.31	21.00
Channel				501000	507000	513000	Tune-up power
Frequency(MHz)				2505	2535	2565	
10	QPSK	1	1	20.32	20.35	20.31	21.00
Channel				500500	507000	513500	Tune-up power
Frequency(MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	20.31	20.37	20.35	21.00

n7-ENDC-ANT4 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency(MHz)				2525.00	2535.00	2545.00	
50	PI/2 BPSK	1	1	12.53	12.59	12.50	13.00
		1	135	12.41	12.44	12.33	13.00
		1	268	12.37	12.45	12.39	13.00
		135	0	12.45	12.53	12.50	13.00
		135	68	12.34	12.48	12.35	13.00
		135	135	12.55	12.58	12.49	13.00
		270	0	12.38	12.47	12.32	13.00
	QPSK	1	1	12.45	12.52	12.46	13.00
		1	135	12.51	12.55	12.50	13.00
		1	268	12.36	12.46	12.45	13.00
		135	0	12.44	12.49	12.36	13.00
		135	68	12.48	12.57	12.53	13.00
		135	135	12.47	12.49	12.41	13.00
		270	0	12.50	12.58	12.55	13.00
	16QAM	1	1	12.17	12.21	12.08	13.00
	64QAM	1	1	12.26	12.29	12.26	13.00
	256QAM	1	1	12.23	12.33	12.28	13.00
Channel				504000	507000	510000	Tune-up power
Frequency(MHz)				2520	2535	2550	
40	QPSK	1	1	12.40	12.52	12.37	13.00
Channel				503000	507000	511000	Tune-up power
Frequency(MHz)				2515	2535	2555	
30	QPSK	1	1	12.41	12.56	12.35	13.00
Channel				502500	507000	511500	Tune-up power
Frequency(MHz)				2512.5	2535	2557.5	
25	QPSK	1	1	12.46	12.49	12.41	13.00
Channel				502000	507000	512000	Tune-up power
Frequency(MHz)				2510	2535	2560	
20	QPSK	1	1	12.42	12.46	12.36	13.00
Channel				501500	507000	512500	Tune-up power
Frequency(MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	12.42	12.47	12.46	13.00
Channel				501000	507000	513000	Tune-up power
Frequency(MHz)				2505	2535	2565	
10	QPSK	1	1	12.46	12.58	12.37	13.00
Channel				500500	507000	513500	Tune-up power
Frequency(MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	12.43	12.50	12.39	13.00

8.4.4 NR n12 Output Power

n12-ANT2 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	Tune-up limit (dBm)
Frequency(MHz)				706.50	707.50	708.50	
15	PI/2 BPSK	1	1	23.49	23.53	23.45	24.00
		1	40	23.44	23.51	23.38	24.00
		1	77	23.34	23.47	23.42	24.00
		36	0	22.86	23.01	22.97	23.50
		36	22	23.32	23.41	23.40	24.00
		36	43	22.85	22.94	22.81	23.50
		75	0	22.75	22.90	22.85	23.50
	QPSK	1	1	23.34	23.43	23.40	24.00
		1	40	23.22	23.36	23.21	24.00
		1	77	23.29	23.35	23.28	24.00
		36	0	20.51	20.53	20.43	22.00
		36	22	23.15	23.30	23.26	24.00
		36	43	20.48	20.49	20.45	22.00
		75	0	20.40	20.50	20.47	22.00
	16QAM	1	1	21.98	22.13	22.11	23.00
	64QAM	1	1	20.64	20.76	20.73	21.50
	256QAM	1	1	19.30	19.38	19.34	19.50
Channel				140800	141500	142200	Tune-up power
Frequency(MHz)				704	707.5	711	
10	QPSK	1	1	23.44	23.47	23.32	24.00
Channel				140300	141500	142700	Tune-up power
Frequency(MHz)				701.5	707.5	713.5	
5	QPSK	1	1	23.38	23.40	23.31	24.00

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Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	Tune-up limit (dBm)
Frequency(MHz)				706.50	707.50	708.50	
15	PI/2 BPSK	1	1	20.39	20.51	20.30	21.00
		1	40	20.36	20.48	20.33	21.00
		1	77	20.26	20.44	20.41	21.00
		36	0	20.31	20.35	20.19	21.00
		36	22	20.21	20.38	20.40	21.00
		36	43	20.27	20.47	20.29	21.00
		75	0	20.24	20.46	20.28	21.00
	QPSK	1	1	20.28	20.38	20.24	21.00
		1	40	20.24	20.44	20.22	21.00
		1	77	20.31	20.39	20.28	21.00
		36	0	20.29	20.40	20.18	21.00
		36	22	20.29	20.42	20.24	21.00
		36	43	20.28	20.39	20.28	21.00
		75	0	20.32	20.36	20.29	21.00
	16QAM	1	1	20.31	20.36	20.23	21.00
	64QAM	1	1	20.21	20.34	20.25	21.00
	256QAM	1	1	19.30	19.38	19.34	19.50
Channel				140800	141500	142200	Tune-up power
Frequency(MHz)				704	707.5	711	
10	QPSK	1	1	20.29	20.46	20.32	21.00
Channel				140300	141500	142700	Tune-up power
Frequency(MHz)				701.5	707.5	713.5	
5	QPSK	1	1	20.21	20.37	20.21	21.00

8.4.5 NR n25 Output Power

n25-ANT6 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	Tune-up limit (dBm)
Frequency(MHz)				1870.00	1882.50	1895.00	
40	PI/2 BPSK	1	1	24.28	24.33	24.25	25.00
		1	108	24.12	24.21	24.14	25.00
		1	214	24.16	24.20	24.14	25.00
		108	0	23.76	23.81	23.73	24.50
		108	54	24.14	24.22	24.17	25.00
		108	108	23.60	23.70	23.69	24.50
		216	0	23.61	23.71	23.66	24.50
	QPSK	1	1	24.11	24.19	24.11	25.00
		1	108	24.11	24.17	24.16	25.00
		1	214	24.05	24.07	23.95	25.00
		108	0	23.07	23.21	23.18	24.00
		108	54	24.07	24.14	23.99	25.00
		108	108	23.08	23.11	23.09	24.00
		216	0	23.03	23.08	23.01	24.00
	16QAM	1	1	22.75	22.85	22.72	24.00
	64QAM	1	1	21.28	21.35	21.21	22.50
	256QAM	1	1	20.16	20.24	20.17	20.50
Channel				373000	376500	380000	Tune-up power
Frequency(MHz)				1865	1882.5	1900	
30	QPSK	1	1	24.18	24.27	24.10	25.00
Channel				372500	376500	380500	Tune-up power
Frequency(MHz)				1862.5	1882.5	1902.5	
25	QPSK	1	1	24.19	24.28	24.15	25.00
Channel				372000	376500	381000	Tune-up power
Frequency(MHz)				1860	1882.5	1905	
20	QPSK	1	1	24.13	24.31	24.15	25.00
Channel				371500	376500	381500	Tune-up power
Frequency(MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	1	24.16	24.24	24.14	25.00
Channel				371000	376500	382000	Tune-up power
Frequency(MHz)				1855	1882.5	1910	
10	QPSK	1	1	24.16	24.25	24.24	25.00
Channel				370500	376500	382500	Tune-up power
Frequency(MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	1	24.16	24.22	24.21	25.00

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Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	Tune-up limit (dBm)
Frequency(MHz)				1870.00	1882.50	1895.00	
40	PI/2 BPSK	1	1	16.26	16.32	16.25	17.00
		1	108	16.18	16.31	16.24	17.00
		1	214	16.09	16.19	16.09	17.00
		108	0	16.21	16.26	16.25	17.00
		108	54	16.19	16.25	16.15	17.00
		108	108	16.10	16.24	16.20	17.00
		216	0	16.20	16.28	16.20	17.00
	QPSK	1	1	16.18	16.19	16.16	17.00
		1	108	16.27	16.30	16.27	17.00
		1	214	16.22	16.30	16.28	17.00
		108	0	16.21	16.22	16.14	17.00
		108	54	16.10	16.25	16.16	17.00
		108	108	16.16	16.26	16.20	17.00
		216	0	16.18	16.19	16.05	17.00
	16QAM	1	1	16.05	16.10	16.09	17.00
	64QAM	1	1	16.06	16.15	16.08	17.00
	256QAM	1	1	16.18	16.28	16.13	17.00
Channel				373000	376500	380000	Tune-up power
Frequency(MHz)				1865	1882.5	1900	
30	QPSK	1	1	16.17	16.25	16.13	17.00
Channel				372500	376500	380500	Tune-up power
Frequency(MHz)				1862.5	1882.5	1902.5	
25	QPSK	1	1	16.25	16.20	16.23	17.00
Channel				372000	376500	381000	Tune-up power
Frequency(MHz)				1860	1882.5	1905	
20	QPSK	1	1	16.19	16.27	16.17	17.00
Channel				371500	376500	381500	Tune-up power
Frequency(MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	1	16.12	16.29	16.19	17.00
Channel				371000	376500	382000	Tune-up power
Frequency(MHz)				1855	1882.5	1910	
10	QPSK	1	1	16.22	16.30	16.17	17.00
Channel				370500	376500	382500	Tune-up power
Frequency(MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	1	16.20	16.30	16.20	17.00

8.4.6 NRn26 Output Power

n26-ANT2 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	Tune-up limit (dBm)
Frequency(MHz)				824.00	831.50	839.00	
20	PI/2 BPSK	1	1	23.23	23.36	23.28	24.00
		1	53	23.20	23.34	23.27	24.00
		1	104	23.12	23.27	23.24	24.00
		50	0	22.88	22.92	22.89	23.50
		50	28	23.07	23.21	23.09	24.00
		50	56	22.74	22.82	22.76	23.50
		100	0	22.71	22.80	22.74	23.50
	QPSK	1	1	23.23	23.27	23.26	24.00
		1	53	23.10	23.24	23.10	24.00
		1	104	23.08	23.13	23.08	24.00
		50	0	22.14	22.28	22.24	23.00
		50	28	23.17	23.19	23.17	24.00
		50	56	22.11	22.16	22.03	23.00
		100	0	22.11	22.18	22.17	23.00
	16QAM	1	1	21.87	21.93	21.81	23.00
	64QAM	1	1	20.47	20.48	20.43	21.50
	256QAM	1	1	19.16	19.20	19.08	19.50
Channel				164300	166300	168300	Tune-up power
Frequency(MHz)				821.5	831.5	841.5	
15	QPSK	1	1	23.11	23.32	23.16	24.00
Channel				163800	166300	168800	Tune-up power
Frequency(MHz)				819	831.5	844	
10	QPSK	1	1	23.12	23.29	23.19	24.00
Channel				163300	166300	169300	Tune-up power
Frequency(MHz)				816.5	831.5	846.5	
5	QPSK	1	1	23.14	23.26	23.22	24.00

n26-ANT2 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	Tune-up limit (dBm)
Frequency(MHz)				824.00	831.50	839.00	
20	PI/2 BPSK	1	1	19.09	19.35	19.17	20.00
		1	53	19.07	19.25	19.22	20.00
		1	104	19.02	19.12	19.12	20.00
		50	0	19.01	19.22	19.13	20.00
		50	28	18.97	19.13	19.10	20.00
		50	56	18.99	19.16	19.14	20.00
		100	0	19.04	19.12	19.10	20.00
	QPSK	1	1	19.03	19.21	19.16	20.00
		1	53	18.93	19.18	19.10	20.00
		1	104	19.01	19.24	19.21	20.00
		50	0	19.05	19.23	19.20	20.00
		50	28	19.00	19.21	19.17	20.00
		50	56	19.01	19.14	19.20	20.00
		100	0	18.92	19.15	19.07	20.00
	16QAM	1	1	19.04	19.24	19.15	20.00
	64QAM	1	1	18.95	19.17	19.17	20.00
	256QAM	1	1	19.16	19.20	19.08	19.50
Channel				164300	166300	168300	Tune-up power
Frequency(MHz)				821.5	831.5	841.5	
15	QPSK	1	1	18.96	19.20	19.10	20.00
Channel				163800	166300	168800	Tune-up power
Frequency(MHz)				819	831.5	844	
10	QPSK	1	1	19.05	19.19	19.20	20.00
Channel				163300	166300	169300	Tune-up power
Frequency(MHz)				816.5	831.5	846.5	
5	QPSK	1	1	18.92	19.17	19.19	20.00

8.4.7 NR n66 Output Power

n66-ANT6 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency(MHz)				1730.00	1745.00	1760.00	
40	PI/2 BPSK	1	1	24.24	24.38	24.29	25.00
		1	108	24.33	24.36	24.29	25.00
		1	214	24.18	24.27	24.23	25.00
		108	0	23.62	23.73	23.60	24.50
		108	54	24.26	24.34	24.19	25.00
		108	108	23.50	23.58	23.47	24.50
		216	0	23.58	23.63	23.48	24.50
	QPSK	1	1	24.25	24.31	24.30	25.00
		1	108	24.09	24.22	24.16	25.00
		1	214	24.11	24.16	24.09	25.00
		108	0	23.16	23.21	23.19	24.00
		108	54	24.16	24.24	24.21	25.00
		108	108	23.06	23.15	23.04	24.00
		216	0	22.96	23.08	22.95	24.00
	16QAM	1	1	22.88	23.03	22.89	24.00
	64QAM	1	1	21.45	21.49	21.35	22.50
	256QAM	1	1	20.25	20.33	20.18	20.50
Channel				345500	349000	352500	Tune-up power
Frequency(MHz)				1727.5	1745	1762.5	
35	QPSK	1	1	24.23	24.30	24.16	25.00
Channel				345000	349000	353000	Tune-up power
Frequency(MHz)				1725	1745	1765	
30	QPSK	1	1	24.18	24.33	24.26	25.00
Channel				344500	349000	353500	Tune-up power
Frequency(MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	24.11	24.25	24.19	25.00
Channel				344000	349000	354000	Tune-up power
Frequency(MHz)				1720	1745	1770	
20	QPSK	1	1	24.23	24.28	24.22	25.00
Channel				343500	349000	354500	Tune-up power
Frequency(MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	24.21	24.36	24.17	25.00
Channel				343000	349000	355000	Tune-up power
Frequency(MHz)				1715	1745	1775	
10	QPSK	1	1	24.21	24.32	24.24	25.00
Channel				342500	349000	355500	Tune-up power
Frequency(MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	24.20	24.28	24.21	25.00

n66-ANT6 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency(MHz)				1730.00	1745.00	1760.00	
40	PI/2 BPSK	1	1	15.26	15.28	15.14	16.00
		1	108	15.14	15.16	15.13	16.00
		1	214	15.01	15.03	14.93	16.00
		108	0	15.02	15.16	15.10	16.00
		108	54	15.11	15.13	15.12	16.00
		108	108	14.91	15.03	14.98	16.00
		216	0	14.92	15.03	14.91	16.00
	QPSK	1	1	15.08	15.22	15.19	16.00
		1	108	15.14	15.23	15.10	16.00
		1	214	15.17	15.18	15.17	16.00
		108	0	14.98	15.06	14.94	16.00
		108	54	15.09	15.20	15.19	16.00
		108	108	15.01	15.11	15.00	16.00
		216	0	14.99	15.12	15.06	16.00
	16QAM	1	1	14.85	14.98	14.88	16.00
	64QAM	1	1	14.84	14.91	14.76	16.00
	256QAM	1	1	15.01	15.14	15.05	16.00
Channel				345500	349000	352500	Tune-up power
Frequency(MHz)				1727.5	1745	1762.5	
35	QPSK	1	1	15.05	15.12	15.11	16.00
Channel				345000	349000	353000	Tune-up power
Frequency(MHz)				1725	1745	1765	
30	QPSK	1	1	15.02	15.14	15.10	16.00
Channel				344500	349000	353500	Tune-up power
Frequency(MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	15.03	15.10	15.09	16.00
Channel				344000	349000	354000	Tune-up power
Frequency(MHz)				1720	1745	1770	
20	QPSK	1	1	15.04	15.10	15.05	16.00
Channel				343500	349000	354500	Tune-up power
Frequency(MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	14.99	15.07	15.01	16.00
Channel				343000	349000	355000	Tune-up power
Frequency(MHz)				1715	1745	1775	
10	QPSK	1	1	15.01	15.07	15.08	16.00
Channel				342500	349000	355500	Tune-up power
Frequency(MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	14.99	15.01	15.11	16.00

8.4.7 NR n66 Output Power

n66-ENDC-ANT6 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency(MHz)				1730.00	1745.00	1760.00	
40	PI/2 BPSK	1	1	21.24	21.38	21.29	22.00
		1	108	21.33	21.36	21.29	22.00
		1	214	21.18	21.27	21.23	22.00
		108	0	20.62	20.73	20.60	21.50
		108	54	21.26	21.34	21.19	22.00
		108	108	20.50	20.58	20.47	21.50
		216	0	20.58	20.63	20.48	21.50
	QPSK	1	1	21.25	21.31	21.30	22.00
		1	108	21.09	21.22	21.16	22.00
		1	214	21.11	21.16	21.09	22.00
		108	0	20.16	20.21	20.19	21.00
		108	54	21.16	21.24	21.21	22.00
		108	108	20.06	20.15	20.04	21.00
		216	0	19.96	20.08	19.95	21.00
	16QAM	1	1	19.88	20.03	19.89	21.00
	64QAM	1	1	18.45	18.49	18.35	19.50
	256QAM	1	1	17.25	17.33	17.18	17.50
Channel				345500	349000	352500	Tune-up power
Frequency(MHz)				1727.5	1745	1762.5	
35	QPSK	1	1	21.23	21.30	21.16	22.00
Channel				345000	349000	353000	Tune-up power
Frequency(MHz)				1725	1745	1765	
30	QPSK	1	1	21.18	21.33	21.26	22.00
Channel				344500	349000	353500	Tune-up power
Frequency(MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	21.11	21.25	21.19	22.00
Channel				344000	349000	354000	Tune-up power
Frequency(MHz)				1720	1745	1770	
20	QPSK	1	1	21.23	21.28	21.22	22.00
Channel				343500	349000	354500	Tune-up power
Frequency(MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	21.21	21.36	21.17	22.00
Channel				343000	349000	355000	Tune-up power
Frequency(MHz)				1715	1745	1775	
10	QPSK	1	1	21.21	21.32	21.24	22.00
Channel				342500	349000	355500	Tune-up power
Frequency(MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	21.20	21.28	21.21	22.00

n66-ENDC-ANT6 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency(MHz)				1730.00	1745.00	1760.00	
40	PI/2 BPSK	1	1	12.26	12.28	12.14	13.00
		1	108	12.14	12.16	12.13	13.00
		1	214	12.01	12.03	11.93	13.00
		108	0	12.02	12.16	12.10	13.00
		108	54	12.11	12.13	12.12	13.00
		108	108	11.91	12.03	11.98	13.00
		216	0	11.92	12.03	11.91	13.00
	QPSK	1	1	12.08	12.22	12.19	13.00
		1	108	12.14	12.23	12.10	13.00
		1	214	12.17	12.18	12.17	13.00
		108	0	11.98	12.06	11.94	13.00
		108	54	12.09	12.20	12.19	13.00
		108	108	12.01	12.11	12.00	13.00
		216	0	11.99	12.12	12.06	13.00
	16QAM	1	1	11.85	11.98	11.88	13.00
	64QAM	1	1	11.84	11.91	11.76	13.00
	256QAM	1	1	12.01	12.14	12.05	13.00
Channel				345500	349000	352500	Tune-up power
Frequency(MHz)				1727.5	1745	1762.5	
35	QPSK	1	1	12.05	12.12	12.11	13.00
Channel				345000	349000	353000	Tune-up power
Frequency(MHz)				1725	1745	1765	
30	QPSK	1	1	12.02	12.14	12.10	13.00
Channel				344500	349000	353500	Tune-up power
Frequency(MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	12.03	12.10	12.09	13.00
Channel				344000	349000	354000	Tune-up power
Frequency(MHz)				1720	1745	1770	
20	QPSK	1	1	12.04	12.10	12.05	13.00
Channel				343500	349000	354500	Tune-up power
Frequency(MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	11.99	12.07	12.01	13.00
Channel				343000	349000	355000	Tune-up power
Frequency(MHz)				1715	1745	1775	
10	QPSK	1	1	12.01	12.07	12.08	13.00
Channel				342500	349000	355500	Tune-up power
Frequency(MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	11.99	12.01	12.11	13.00

8.4.8 NR n71 Output Power

n71-ANT2 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				135600	136100	136600	
Frequency(MHz)				678.00	680.50	683.00	
30	PI/2 BPSK	1	1	23.12	23.22	23.15	24.00
		1	80	23.00	23.15	23.06	24.00
		1	158	22.95	23.08	23.04	24.00
		80	0	22.55	22.65	22.51	23.50
		80	40	23.07	23.18	23.07	24.00
		50	80	22.62	22.63	22.59	23.50
		160	0	22.41	22.55	22.46	23.50
	QPSK	1	1	23.06	23.16	23.15	24.00
		1	80	23.00	23.15	23.14	24.00
		1	158	23.04	23.13	23.07	24.00
		80	0	22.07	22.16	22.09	23.00
		80	40	22.96	23.07	23.01	24.00
		50	80	21.99	22.09	21.94	23.00
		160	0	21.96	22.06	22.00	23.00
	16QAM	1	1	21.79	21.88	21.74	23.00
	64QAM	1	1	20.43	20.49	20.45	21.50
	256QAM	1	1	19.01	19.07	19.02	19.50
Channel				135100	136100	137100	Tune-up power
Frequency(MHz)				675.5	680.5	685.5	
25	QPSK	1	1	23.07	23.15	23.09	24.00
Channel				134600	136100	137600	Tune-up power
Frequency(MHz)				673	680.5	688	
20	QPSK	1	1	23.02	23.21	23.06	24.00
Channel				134100	136100	138100	Tune-up power
Frequency(MHz)				670.5	680.5	690.5	
15	QPSK	1	1	V	23.15	23.01	24.00
Channel				133600	136100	138600	Tune-up power
Frequency(MHz)				668	680.5	693	
10	QPSK	1	1	23.03	23.13	23.12	24.00
Channel				133100	136100	139100	Tune-up power
Frequency(MHz)				665.5	680.5	695.5	
5	QPSK	1	1	23.02	23.16	23.06	24.00

n71-ANT2 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency(MHz)				678.00	680.50	683.00	
30	PI/2 BPSK	1	1	20.02	20.13	20.05	21.00
		1	80	19.85	20.09	20.01	21.00
		1	158	19.81	20.04	19.95	21.00
		80	0	19.71	19.97	19.96	21.00
		80	40	19.81	19.97	19.92	21.00
		50	80	19.83	20.08	19.95	21.00
		160	0	19.81	20.08	19.88	21.00
	QPSK	1	1	19.71	20.04	19.87	21.00
		1	80	19.75	20.03	20.00	21.00
		1	158	19.81	20.00	19.87	21.00
		80	0	19.76	19.97	20.00	21.00
		80	40	19.78	20.05	19.88	21.00
		50	80	19.78	20.06	19.90	21.00
		160	0	19.74	20.08	19.99	21.00
	16QAM	1	1	19.78	20.00	19.99	21.00
	64QAM	1	1	19.74	20.05	19.87	21.00
	256QAM	1	1	19.01	19.07	19.02	19.50
Channel				135100	136100	137100	Tune-up power
Frequency(MHz)				675.5	680.5	685.5	
25	QPSK	1	1	19.73	19.97	19.92	21.00
Channel				134600	136100	137600	Tune-up power
Frequency(MHz)				673	680.5	688	
20	QPSK	1	1	19.77	19.99	19.86	21.00
Channel				134100	136100	138100	Tune-up power
Frequency(MHz)				670.5	680.5	690.5	
15	QPSK	1	1	19.75	19.96	19.95	21.00
Channel				133600	136100	138600	Tune-up power
Frequency(MHz)				668	680.5	693	
10	QPSK	1	1	19.76	19.94	19.97	21.00
Channel				133100	136100	139100	Tune-up power
Frequency(MHz)				665.5	680.5	695.5	
5	QPSK	1	1	19.80	20.00	20.00	21.00

8.4.8 NR n71 Output Power

n71-ENDC-ANT2 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				135600	136100	136600	
Frequency(MHz)				678.00	680.50	683.00	
30	PI/2 BPSK	1	1	20.12	20.22	20.15	21.00
		1	80	20.00	20.15	20.06	21.00
		1	158	19.95	20.08	20.04	21.00
		80	0	19.55	19.65	19.51	20.50
		80	40	20.07	20.18	20.07	21.00
		50	80	19.62	19.63	19.59	20.50
		160	0	19.41	19.55	19.46	20.50
	QPSK	1	1	20.06	20.16	20.15	21.00
		1	80	20.00	20.15	20.14	21.00
		1	158	20.04	20.13	20.07	21.00
		80	0	19.07	19.16	19.09	20.00
		80	40	19.96	20.07	20.01	21.00
		50	80	18.99	19.09	18.94	20.00
		160	0	18.96	19.06	19.00	20.00
	16QAM	1	1	18.79	18.88	18.74	20.00
	64QAM	1	1	17.43	17.49	17.45	18.50
	256QAM	1	1	16.01	16.07	16.02	16.50
Channel				135100	136100	137100	Tune-up power
Frequency(MHz)				675.5	680.5	685.5	
25	QPSK	1	1	20.07	20.15	20.09	21.00
Channel				134600	136100	137600	Tune-up power
Frequency(MHz)				673	680.5	688	
20	QPSK	1	1	20.02	20.21	20.06	21.00
Channel				134100	136100	138100	Tune-up power
Frequency(MHz)				670.5	680.5	690.5	
15	QPSK	1	1	20.07	20.15	20.01	21.00
Channel				133600	136100	138600	Tune-up power
Frequency(MHz)				668	680.5	693	
10	QPSK	1	1	20.03	20.13	20.12	21.00
Channel				133100	136100	139100	Tune-up power
Frequency(MHz)				665.5	680.5	695.5	
5	QPSK	1	1	20.02	20.16	20.06	21.00

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Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency(MHz)				678.00	680.50	683.00	
30	PI/2 BPSK	1	1	17.02	17.13	17.05	18.00
		1	80	16.85	17.09	17.01	18.00
		1	158	16.81	17.04	16.95	18.00
		80	0	16.71	16.97	16.96	18.00
		80	40	16.81	16.97	16.92	18.00
		50	80	16.83	17.08	16.95	18.00
		160	0	16.81	17.08	16.88	18.00
	QPSK	1	1	16.71	17.04	16.87	18.00
		1	80	16.75	17.03	17.00	18.00
		1	158	16.81	17.00	16.87	18.00
		80	0	16.76	16.97	17.00	18.00
		80	40	16.78	17.05	16.88	18.00
		50	80	16.78	17.06	16.90	18.00
		160	0	16.74	17.08	16.99	18.00
	16QAM	1	1	16.78	17.00	16.99	18.00
	64QAM	1	1	16.74	17.05	16.87	18.00
	256QAM	1	1	16.01	16.07	16.02	16.50
Channel				135100	136100	137100	Tune-up power
Frequency(MHz)				675.5	680.5	685.5	
25	QPSK	1	1	16.73	16.97	16.92	18.00
Channel				134600	136100	137600	Tune-up power
Frequency(MHz)				673	680.5	688	
20	QPSK	1	1	16.77	16.99	16.86	18.00
Channel				134100	136100	138100	Tune-up power
Frequency(MHz)				670.5	680.5	690.5	
15	QPSK	1	1	16.75	16.96	16.95	18.00
Channel				133600	136100	138600	Tune-up power
Frequency(MHz)				668	680.5	693	
10	QPSK	1	1	16.76	16.94	16.97	18.00
Channel				133100	136100	139100	Tune-up power
Frequency(MHz)				665.5	680.5	695.5	
5	QPSK	1	1	16.80	17.00	17.00	18.00

8.4.9 NRn38 Output Power

n38-ANT4 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				518004	519000	519996	
Frequency(MHz)				2590.02	2595.00	2599.98	
40	PI/2 BPSK	1	1	23.35	23.46	23.37	24.00
		1	53	23.38	23.40	23.33	24.00
		1	104	23.28	23.38	23.35	24.00
		50	0	22.60	22.75	22.60	23.50
		50	28	23.23	23.35	23.27	24.00
		50	56	22.68	22.78	22.75	23.50
		100	0	22.71	22.77	22.62	23.50
	QPSK	1	1	23.28	23.35	23.33	24.00
		1	53	23.19	23.29	23.23	24.00
		1	104	23.20	23.30	23.29	24.00
		50	0	22.24	22.28	22.21	23.00
		50	28	23.18	23.28	23.18	24.00
		50	56	22.28	22.29	22.28	23.00
		100	0	22.23	22.26	22.22	23.00
	16QAM	1	1	22.02	22.05	21.99	23.00
	64QAM	1	1	20.46	20.54	20.41	21.50
	256QAM	1	1	19.08	19.18	19.10	19.50
Channel				517002	519000	520998	Tune-up power(dB)
Frequency(MHz)				2585.01	2595	2604.99	
30	QPSK	1	1	23.28	23.35	23.30	24.00
Channel				516504	519000	521496	Tune-up power(dB)
Frequency(MHz)				2582.52	2595	2607.48	
25	QPSK	1	1	23.32	23.33	23.23	24.00
Channel				516000	519000	522000	Tune-up power(dB)
Frequency(MHz)				2580	2595	2610	
20	QPSK	1	1	23.27	23.39	23.26	24.00
Channel				515502	519000	522498	Tune-up power(dB)
Frequency(MHz)				2577.51	2595	2612.49	
15	QPSK	1	1	23.22	23.33	23.36	24.00
Channel				515004	519000	522996	Tune-up power(dB)
Frequency(MHz)				2575.02	2595	2614.98	
10	QPSK	1	1	23.23	23.38	23.34	24.00
Channel				514500	519000	523500	Tune-up power(dB)
Frequency(MHz)				2572.5	2595	2617.5	
5	QPSK	1	1	23.32	23.45	23.25	24.00

n38-ANT4 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				518004	519000	519996	
Frequency(MHz)				2590.02	2595.00	2599.98	
40	PI/2 BPSK	1	1	15.25	15.52	15.24	16.00
		1	53	15.37	15.39	15.28	16.00
		1	104	15.15	15.34	15.21	16.00
		50	0	15.26	15.33	15.22	16.00
		50	28	15.28	15.27	15.28	16.00
		50	56	15.29	15.29	15.27	16.00
		100	0	15.18	15.23	15.22	16.00
	QPSK	1	1	15.27	15.43	15.38	16.00
		1	53	15.24	15.40	15.20	16.00
		1	104	15.27	15.44	15.33	16.00
		50	0	15.38	15.36	15.22	16.00
		50	28	15.26	15.21	15.36	16.00
		50	56	15.20	15.19	15.23	16.00
		100	0	15.20	15.32	15.19	16.00
	16QAM	1	1	14.93	15.10	14.94	16.00
	64QAM	1	1	15.06	15.00	14.91	16.00
	256QAM	1	1	15.24	15.18	15.12	16.00
Channel				517002	519000	520998	Tune-up power(dB)
Frequency(MHz)				2585.01	2595	2604.99	
30	QPSK	1	1	15.32	15.30	15.25	16.00
Channel				516504	519000	521496	Tune-up power(dB)
Frequency(MHz)				2582.52	2595	2607.48	
25	QPSK	1	1	15.26	15.30	15.14	16.00
Channel				516000	519000	522000	Tune-up power(dB)
Frequency(MHz)				2580	2595	2610	
20	QPSK	1	1	15.36	15.33	15.22	16.00
Channel				515502	519000	522498	Tune-up power(dB)
Frequency(MHz)				2577.51	2595	2612.49	
15	QPSK	1	1	15.22	15.36	15.18	16.00
Channel				515004	519000	522996	Tune-up power(dB)
Frequency(MHz)				2575.02	2595	2614.98	
10	QPSK	1	1	15.35	15.32	15.13	16.00
Channel				514500	519000	523500	Tune-up power(dB)
Frequency(MHz)				2572.5	2595	2617.5	
5	QPSK	1	1	15.29	15.30	15.24	16.00

8.4.9 NR n38 Output Power

n38-ENDC-ANT4 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				518004	519000	519996	
Frequency(MHz)				2590.02	2595.00	2599.98	
40	PI/2 BPSK	1	1	20.35	20.46	20.37	21.00
		1	53	20.38	20.40	20.33	21.00
		1	104	20.28	20.38	20.35	21.00
		50	0	19.60	19.75	19.60	20.50
		50	28	20.23	20.35	20.27	21.00
		50	56	19.68	19.78	19.75	20.50
		100	0	19.71	19.77	19.62	20.50
	QPSK	1	1	20.28	20.35	20.33	21.00
		1	53	20.19	20.29	20.23	21.00
		1	104	20.20	20.30	20.29	21.00
		50	0	19.24	19.28	19.21	20.00
		50	28	20.18	20.28	20.18	21.00
		50	56	19.28	19.29	19.28	20.00
		100	0	19.23	19.26	19.22	20.00
	16QAM	1	1	19.02	19.05	18.99	20.00
	64QAM	1	1	17.46	17.54	17.41	18.50
	256QAM	1	1	16.08	16.18	16.10	16.50
Channel				517002	519000	520998	Tune-up power(dB)
Frequency(MHz)				2585.01	2595	2604.99	
30	QPSK	1	1	20.28	20.35	20.30	21.00
Channel				516504	519000	521496	Tune-up power(dB)
Frequency(MHz)				2582.52	2595	2607.48	
25	QPSK	1	1	20.32	20.33	20.23	21.00
Channel				516000	519000	522000	Tune-up power(dB)
Frequency(MHz)				2580	2595	2610	
20	QPSK	1	1	20.27	20.39	20.26	21.00
Channel				515502	519000	522498	Tune-up power(dB)
Frequency(MHz)				2577.51	2595	2612.49	
15	QPSK	1	1	20.22	20.33	20.36	21.00
Channel				515004	519000	522996	Tune-up power(dB)
Frequency(MHz)				2575.02	2595	2614.98	
10	QPSK	1	1	20.23	20.38	20.34	21.00
Channel				514500	519000	523500	Tune-up power(dB)
Frequency(MHz)				2572.5	2595	2617.5	
5	QPSK	1	1	20.32	20.45	20.25	21.00

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Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				518004	519000	519996	
Frequency(MHz)				2590.02	2595.00	2599.98	
40	PI/2 BPSK	1	1	12.25	12.52	12.24	13.00
		1	53	12.37	12.39	12.28	13.00
		1	104	12.15	12.34	12.21	13.00
		50	0	12.26	12.33	12.22	13.00
		50	28	12.28	12.27	12.28	13.00
		50	56	12.29	12.29	12.27	13.00
		100	0	12.18	12.23	12.22	13.00
	QPSK	1	1	12.27	12.43	12.38	13.00
		1	53	12.24	12.40	12.20	13.00
		1	104	12.27	12.44	12.33	13.00
		50	0	12.38	12.36	12.22	13.00
		50	28	12.26	12.21	12.36	13.00
		50	56	12.20	12.19	12.23	13.00
		100	0	12.20	12.32	12.19	13.00
	16QAM	1	1	11.93	12.10	11.94	13.00
	64QAM	1	1	12.06	12.00	11.91	13.00
	256QAM	1	1	12.24	12.18	12.12	13.00
Channel				517002	519000	520998	Tune-up power(dB)
Frequency(MHz)				2585.01	2595	2604.99	
30	QPSK	1	1	12.32	12.30	12.25	13.00
Channel				516504	519000	521496	Tune-up power(dB)
Frequency(MHz)				2582.52	2595	2607.48	
25	QPSK	1	1	12.26	12.30	12.14	13.00
Channel				516000	519000	522000	Tune-up power(dB)
Frequency(MHz)				2580	2595	2610	
20	QPSK	1	1	12.36	12.33	12.22	13.00
Channel				515502	519000	522498	Tune-up power(dB)
Frequency(MHz)				2577.51	2595	2612.49	
15	QPSK	1	1	12.22	12.36	12.18	13.00
Channel				515004	519000	522996	Tune-up power(dB)
Frequency(MHz)				2575.02	2595	2614.98	
10	QPSK	1	1	12.35	12.32	12.13	13.00
Channel				514500	519000	523500	Tune-up power(dB)
Frequency(MHz)				2572.5	2595	2617.5	
5	QPSK	1	1	12.29	12.30	12.24	13.00

8.4.10 NR n41 Output Power

n41-ANT4 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				509202	518598	528000	
Frequency(MHz)				2546.01	2592.99	2640.00	
100	PI/2 BPSK	1	1	25.64	25.74	25.59	26.50
		1	137	25.59	25.71	25.56	26.50
		1	271	25.53	25.64	25.60	26.50
		135	0	25.09	25.15	25.08	26.00
		135	69	25.58	25.73	25.67	26.50
		135	138	25.09	25.11	25.01	26.00
		270	0	24.97	25.12	25.01	26.00
	QPSK	1	1	25.60	25.73	25.61	26.50
		1	137	25.67	25.70	25.68	26.50
		1	271	25.46	25.61	25.59	26.50
		135	0	24.69	24.72	24.65	25.50
		135	69	25.60	25.72	25.57	26.50
		135	138	24.61	24.67	24.55	25.50
		270	0	24.59	24.61	24.51	25.50
	16QAM	1	1	25.36	25.38	25.32	25.50
	64QAM	1	1	23.87	23.89	23.76	24.00
	256QAM	1	1	22.31	22.43	22.28	22.50
Channel				508200	518598	528996	Tune-up power
Frequency(MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	25.49	25.60	25.56	26.50
Channel				507204	518598	529998	Tune-up power
Frequency(MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	1	25.53	25.66	25.58	26.50
Channel				506202	518598	531000	Tune-up power
Frequency(MHz)				2531.01	2592.99	2655	
70	QPSK	1	1	25.54	25.70	25.52	26.50
Channel				505200	518598	531996	Tune-up power
Frequency(MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	25.51	25.63	25.57	26.50
Channel				504204	518598	532998	Tune-up power
Frequency(MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	1	25.60	25.60	25.46	26.50
Channel				503202	518598	534000	Tune-up power
Frequency(MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	25.60	25.59	25.56	26.50
Channel				502200	518598	534996	Tune-up power
Frequency(MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	25.60	25.65	25.47	26.50
Channel				501702	518598	535500	Tune-up power
Frequency(MHz)				2508.51	2592.99	2677.5	
25	QPSK	1	1	25.56	25.73	25.56	26.50
Channel				501204	518598	535998	Tune-up power
Frequency(MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	25.54	25.65	25.45	26.50
Channel				500700	518598	536496	Tune-up power
Frequency(MHz)				2503.5	2592.99	2682.48	
15	QPSK	1	1	25.49	25.61	25.45	26.50
Channel				500202	518598	537000	Tune-up power
Frequency(MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	25.60	25.61	25.47	26.50

n41-ANT4 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				509202	518598	528000	
Frequency(MHz)				2546.01	2592.99	2640.00	
100	PI/2 BPSK	1	1	15.69	15.80	15.74	16.50
		1	137	15.57	15.78	15.57	16.50
		1	271	15.61	15.71	15.53	16.50
		135	0	15.48	15.63	15.49	16.50
		135	69	15.65	15.76	15.63	16.50
		135	138	15.53	15.60	15.63	16.50
		270	0	15.70	15.75	15.62	16.50
	QPSK	1	1	15.70	15.64	15.71	16.50
		1	137	15.67	15.65	15.55	16.50
		1	271	15.58	15.57	15.45	16.50
		135	0	15.57	15.66	15.50	16.50
		135	69	15.47	15.65	15.45	16.50
		135	138	15.50	15.70	15.57	16.50
		270	0	15.63	15.73	15.54	16.50
	16QAM	1	1	15.31	15.39	15.21	16.50
	64QAM	1	1	15.29	15.48	15.25	16.50
	256QAM	1	1	15.67	15.72	15.72	16.50
Channel				508200	518598	528996	Tune-up power
Frequency(MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	15.46	15.74	15.56	16.50
Channel				507204	518598	529998	Tune-up power
Frequency(MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	1	15.47	15.67	15.48	16.50
Channel				506202	518598	531000	Tune-up power
Frequency(MHz)				2531.01	2592.99	2655	
70	QPSK	1	1	15.43	15.69	15.52	16.50
Channel				505200	518598	531996	Tune-up power
Frequency(MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	15.44	15.68	15.52	16.50
Channel				504204	518598	532998	Tune-up power
Frequency(MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	1	15.48	15.73	15.48	16.50
Channel				503202	518598	534000	Tune-up power
Frequency(MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	15.47	15.63	15.48	16.50
Channel				502200	518598	534996	Tune-up power
Frequency(MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	15.55	15.74	15.49	16.50
Channel				501702	518598	535500	Tune-up power
Frequency(MHz)				2508.51	2592.99	2677.5	
25	QPSK	1	1	15.54	15.69	15.53	16.50
Channel				501204	518598	535998	Tune-up power
Frequency(MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	15.51	15.72	15.51	16.50
Channel				500700	518598	536496	Tune-up power
Frequency(MHz)				2503.5	2592.99	2682.48	
15	QPSK	1	1	15.44	15.64	15.43	16.50
Channel				500202	518598	537000	Tune-up power
Frequency(MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	15.53	15.63	15.53	16.50

8.4.10 NR n41 Output Power

n41-ENDC-ANT4 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				509202	518598	528000	
Frequency(MHz)				2546.01	2592.99	2640.00	
100	PI/2 BPSK	1	1	22.64	22.74	22.59	23.50
		1	137	22.59	22.71	22.56	23.50
		1	271	22.53	22.64	22.60	23.50
		135	0	22.09	22.15	22.08	23.00
		135	69	22.58	22.73	22.67	23.50
		135	138	22.09	22.11	22.01	23.00
		270	0	21.97	22.12	22.01	23.00
	QPSK	1	1	22.60	22.73	22.61	23.50
		1	137	22.67	22.70	22.68	23.50
		1	271	22.46	22.61	22.59	23.50
		135	0	21.69	21.72	21.65	22.50
		135	69	22.60	22.72	22.57	23.50
		135	138	21.61	21.67	21.55	22.50
		270	0	21.59	21.61	21.51	22.50
	16QAM	1	1	22.36	22.38	22.32	22.50
	64QAM	1	1	20.87	20.89	20.76	21.00
	256QAM	1	1	19.31	19.43	19.28	19.50
Channel				508200	518598	528996	Tune-up power
Frequency(MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	22.49	22.60	22.56	20.50
Channel				507204	518598	529998	Tune-up power
Frequency(MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	1	22.53	22.66	22.58	23.50
Channel				506202	518598	531000	Tune-up power
Frequency(MHz)				2531.01	2592.99	2655	
70	QPSK	1	1	22.54	22.70	22.52	23.50
Channel				505200	518598	531996	Tune-up power
Frequency(MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	22.51	22.63	22.57	23.50
Channel				504204	518598	532998	Tune-up power
Frequency(MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	1	22.60	22.60	22.46	23.50
Channel				503202	518598	534000	Tune-up power
Frequency(MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	22.60	22.59	22.56	23.50
Channel				502200	518598	534996	Tune-up power
Frequency(MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	22.60	22.65	22.47	23.50
Channel				501702	518598	535500	Tune-up power
Frequency(MHz)				2508.51	2592.99	2677.5	
25	QPSK	1	1	22.56	22.73	22.56	23.50
Channel				501204	518598	535998	Tune-up power
Frequency(MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	22.54	22.65	22.45	23.50
Channel				500700	518598	536496	Tune-up power
Frequency(MHz)				2503.5	2592.99	2682.48	
15	QPSK	1	1	22.49	22.61	22.45	23.50
Channel				500202	518598	537000	Tune-up power
Frequency(MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	22.60	22.61	22.47	23.50

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Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				509202	518598	528000	
Frequency(MHz)				2546.01	2592.99	2640.00	
100	PI/2 BPSK	1	1	12.19	12.30	12.14	13.50
		1	137	12.07	12.28	12.07	13.50
		1	271	12.11	12.21	12.03	13.50
		135	0	11.98	12.13	11.99	13.50
		135	69	12.05	12.14	12.13	13.50
		135	138	12.03	12.10	12.13	13.50
		270	0	12.20	12.25	12.12	13.50
	QPSK	1	1	12.20	12.14	12.21	13.50
		1	137	12.17	12.15	12.05	13.50
		1	271	12.08	12.07	11.95	13.50
		135	0	12.07	12.16	12.00	13.50
		135	69	11.97	12.15	11.95	13.50
		135	138	12.00	12.20	12.07	13.50
		270	0	12.13	12.23	12.04	13.50
	16QAM	1	1	11.81	11.89	11.71	13.50
	64QAM	1	1	11.79	11.98	11.75	13.50
	256QAM	1	1	12.17	12.22	12.22	13.50
Channel				508200	518598	528996	Tune-up power
Frequency(MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	11.96	12.24	12.06	13.50
Channel				507204	518598	529998	Tune-up power
Frequency(MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	1	11.97	12.17	11.98	13.50
Channel				506202	518598	531000	Tune-up power
Frequency(MHz)				2531.01	2592.99	2655	
70	QPSK	1	1	11.93	12.19	12.02	13.50
Channel				505200	518598	531996	Tune-up power
Frequency(MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	11.94	12.18	12.02	13.50
Channel				504204	518598	532998	Tune-up power
Frequency(MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	1	11.98	12.23	11.98	13.50
Channel				503202	518598	534000	Tune-up power
Frequency(MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	11.97	12.13	11.98	13.50
Channel				502200	518598	534996	Tune-up power
Frequency(MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	12.05	12.24	11.99	13.50
Channel				501702	518598	535500	Tune-up power
Frequency(MHz)				2508.51	2592.99	2677.5	
25	QPSK	1	1	12.04	12.19	12.03	13.50
Channel				501204	518598	535998	Tune-up power
Frequency(MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	12.01	12.22	12.01	13.50
Channel				500700	518598	536496	Tune-up power
Frequency(MHz)				2503.5	2592.99	2682.48	
15	QPSK	1	1	11.94	12.14	11.93	13.50
Channel				500202	518598	537000	Tune-up power
Frequency(MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	12.03	12.13	12.03	13.50

8.4.11 NR n77 Output Power

n77-ANT3 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				633334	640500	647666	654832	662000	power(dBm)
Frequency(MHz)				3500.01	3607.50	3714.99	3822.48	3930.00	
100	PI/2 BPSK	1	1	26.10	26.13	26.18	26.16	26.11	26.50
		1	137	26.02	26.09	26.11	26.00	26.02	26.50
		1	271	26.03	25.93	26.07	25.95	26.04	26.50
		135	0	25.63	25.63	25.74	25.72	25.66	26.00
		135	69	26.04	25.92	26.07	25.96	25.99	26.50
		135	138	25.53	25.59	25.63	25.58	25.57	26.00
		270	0	25.55	25.47	25.62	25.60	25.52	26.00
	QPSK	1	1	26.09	26.04	26.15	26.04	26.08	26.50
		1	137	25.96	26.06	26.08	26.07	25.97	26.50
		1	271	25.96	25.89	26.04	25.89	25.92	26.50
		135	0	25.12	25.03	25.18	25.13	25.05	25.50
		135	69	26.03	26.12	26.13	26.07	26.07	26.50
		135	138	25.06	25.01	25.16	25.06	25.09	25.50
		270	0	24.98	25.00	25.05	25.00	25.04	25.50
	16QAM	1	1	24.64	24.76	24.78	24.66	24.73	25.50
	64QAM	1	1	23.21	23.21	23.27	23.18	23.21	24.00
	256QAM	1	1	21.74	21.75	21.84	21.69	21.79	22.00
Channel				633000	640334	647666	655000	662332	Tune-up power(dBm)
Frequency(MHz)				3495.00	3605.01	3714.99	3825.00	3934.98	
90	QPSK	1	1	26.06	25.98	26.14	26.13	26.08	26.50
Channel				632668	640168	647666	655166	662666	Tune-up power(dBm)
Frequency(MHz)				3490.02	3602.52	3714.99	3827.49	3939.99	
80	QPSK	1	1	26.08	26.06	26.15	26.07	26.01	26.50
Channel				632334	640000	647666	655332	663000	Tune-up power(dBm)
Frequency(MHz)				3485.01	3600.00	3714.99	3829.98	3945.00	
70	QPSK	1	1	25.98	26.10	26.13	26.11	26.05	26.50
Channel				632000	639834	647666	655500	663332	Tune-up power(dBm)
Frequency(MHz)				3480.00	3597.51	3714.99	3832.50	3949.98	
60	QPSK	1	1	26.06	26.11	26.14	26.09	26.00	26.50
Channel				631668	639668	647666	655666	663666	Tune-up power(dBm)
Frequency(MHz)				3475.02	3595.02	3714.99	3834.99	3954.99	
50	QPSK	1	1	25.97	26.00	26.16	26.03	26.01	26.50
Channel				631334	639500	647666	655832	664000	Tune-up power(dBm)
Frequency(MHz)				3470.01	3592.50	3714.99	3837.48	3960.00	
40	QPSK	1	1	26.00	26.05	26.10	26.04	26.00	26.50
Channel				631000	639334	647666	656000	664332	Tune-up power(dBm)
Frequency(MHz)				3465.00	3590.01	3714.99	3840.00	3964.98	
30	QPSK	1	1	26.04	26.10	26.12	26.11	25.99	26.50
Channel				630834	639250	647666	656082	664500	Tune-up power(dBm)
Frequency(MHz)				3462.51	3588.75	3714.99	3841.23	3967.50	
25	QPSK	1	1	25.96	26.08	26.10	26.04	26.03	26.50
Channel				630668	639168	647666	656166	664666	Tune-up power(dBm)
Frequency(MHz)				3460.02	3587.52	3714.99	3842.49	3969.99	
20	QPSK	1	1	25.98	26.10	26.11	26.04	26.08	26.50
Channel				630500	639084	647666	656250	664832	Tune-up power(dBm)
Frequency(MHz)				3457.50	3586.26	3714.99	3843.75	3972.48	
15	QPSK	1	1	25.96	25.98	26.13	26.11	26.02	26.50
Channel				630334	639000	647666	656332	665000	Tune-up power(dBm)
Frequency(MHz)				3455.01	3585.00	3714.99	3844.98	3975.00	
10	QPSK	1	1	25.98	26.12	26.14	26.12	26.03	26.50

n77-ANT3 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				633334	640500	647666	654832	662000	12.00
Frequency(MHz)				3500.01	3607.50	3714.99	3822.48	3930.00	
100	PI/2 BPSK	1	1	11.53	11.59	11.73	11.58	11.61	12.00
		1	137	11.38	11.46	11.55	11.40	11.49	12.00
		1	271	11.33	11.34	11.44	11.39	11.42	12.00
		135	0	11.39	11.48	11.59	11.48	11.57	12.00
		135	69	11.40	11.45	11.51	11.43	11.57	12.00
		135	138	11.45	11.40	11.62	11.58	11.50	12.00
		270	0	11.35	11.33	11.51	11.36	11.29	12.00
	QPSK	1	1	11.30	11.29	11.38	11.24	11.23	12.00
		1	137	11.44	11.42	11.63	11.48	11.40	12.00
		1	271	11.27	11.36	11.50	11.41	11.50	12.00
		135	0	11.58	11.52	11.54	11.61	11.49	12.00
		135	69	11.49	11.44	11.48	11.44	11.41	12.00
		135	138	11.43	11.48	11.56	11.37	11.52	12.00
		270	0	11.44	11.52	11.57	11.45	11.42	12.00
	16QAM	1	1	11.08	11.09	11.14	11.06	11.07	12.00
	64QAM	1	1	11.14	11.19	11.16	11.23	11.13	12.00
	256QAM	1	1	11.36	11.43	11.60	11.50	11.50	12.00
Channel				633000	640334	647666	655000	662332	Tune-up power(dBm)
Frequency(MHz)				3495.00	3605.01	3714.99	3825.00	3934.98	
90	QPSK	1	1	11.24	11.45	11.49	11.35	11.42	12.00
Channel				632668	640168	647666	655166	662666	Tune-up power(dBm)
Frequency(MHz)				3490.02	3602.52	3714.99	3827.49	3939.99	
80	QPSK	1	1	11.29	11.31	11.43	11.33	11.48	12.00
Channel				632334	640000	647666	655332	663000	Tune-up power(dBm)
Frequency(MHz)				3485.01	3600.00	3714.99	3829.98	3945.00	
70	QPSK	1	1	11.23	11.33	11.46	11.32	11.42	12.00
Channel				632000	639834	647666	655500	663332	Tune-up power(dBm)
Frequency(MHz)				3480.00	3597.51	3714.99	3832.50	3949.98	
60	QPSK	1	1	11.37	11.31	11.54	11.27	11.35	12.00
Channel				631668	639668	647666	655666	663666	Tune-up power(dBm)
Frequency(MHz)				3475.02	3595.02	3714.99	3834.99	3954.99	
50	QPSK	1	1	11.25	11.37	11.49	11.27	11.47	12.00
Channel				631334	639500	647666	655832	664000	Tune-up power(dBm)
Frequency(MHz)				3470.01	3592.50	3714.99	3837.48	3960.00	
40	QPSK	1	1	11.35	11.37	11.53	11.29	11.35	12.00
Channel				631000	639334	647666	656000	664332	Tune-up power(dBm)
Frequency(MHz)				3465.00	3590.01	3714.99	3840.00	3964.98	
30	QPSK	1	1	11.33	11.35	11.47	11.33	11.36	12.00
Channel				630834	639250	647666	656082	664500	Tune-up power(dBm)
Frequency(MHz)				3462.51	3588.75	3714.99	3841.23	3967.50	
25	QPSK	1	1	11.36	11.38	11.45	11.32	11.36	12.00
Channel				630668	639168	647666	656166	664666	Tune-up power(dBm)
Frequency(MHz)				3460.02	3587.52	3714.99	3842.49	3969.99	
20	QPSK	1	1	11.36	11.33	11.53	11.36	11.42	12.00
Channel				630500	639084	647666	656250	664832	Tune-up power(dBm)
Frequency(MHz)				3457.50	3586.26	3714.99	3843.75	3972.48	
15	QPSK	1	1	11.24	11.45	11.41	11.33	11.40	12.00
Channel				630334	639000	647666	656332	665000	Tune-up power(dBm)
Frequency(MHz)				3455.01	3585.00	3714.99	3844.98	3975.00	
10	QPSK	1	1	11.23	11.41	11.47	11.30	11.38	12.00

8.4.11 NR n77 Output Power

n77-ENDC-ANT3 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				633334	640500	647666	654832	662000	
Frequency(MHz)				3500.01	3607.50	3714.99	3822.48	3930.00	
100	PI/2 BPSK	1	1	23.10	23.13	23.18	23.16	23.11	23.50
		1	137	23.02	23.09	23.11	23.00	23.02	23.50
		1	271	23.03	22.93	23.07	22.95	23.04	23.50
		135	0	22.63	22.63	22.74	22.72	22.66	23.00
		135	69	23.04	22.92	23.07	22.96	22.99	23.50
		135	138	22.53	22.59	22.63	22.58	22.57	23.00
		270	0	22.55	22.47	22.62	22.60	22.52	23.00
	QPSK	1	1	23.09	23.04	23.15	23.04	23.08	23.50
		1	137	22.96	23.06	23.08	23.07	22.97	23.50
		1	271	22.96	22.89	23.04	22.89	22.92	23.50
		135	0	22.12	22.03	22.18	22.13	22.05	22.50
		135	69	23.03	23.12	23.13	23.07	23.07	23.50
		135	138	22.06	22.01	22.16	22.06	22.09	22.50
		270	0	21.98	22.00	22.05	22.00	22.04	22.50
	16QAM	1	1	21.64	21.76	21.78	21.66	21.73	22.50
	64QAM	1	1	20.21	20.21	20.27	20.18	20.21	21.00
	256QAM	1	1	18.74	18.75	18.84	18.69	18.79	19.00
Channel				633000	640334	647666	655000	662332	
Frequency(MHz)				3495.00	3605.01	3714.99	3825.00	3934.98	
90	QPSK	1	1	23.06	22.98	23.14	23.13	23.08	23.50
Channel				632668	640168	647666	655166	662666	
Frequency(MHz)				3490.02	3602.52	3714.99	3827.49	3939.99	
80	QPSK	1	1	26.08	23.06	23.15	23.07	23.01	23.50
Channel				632334	640000	647666	655332	663000	
Frequency(MHz)				3485.01	3600.00	3714.99	3829.98	3945.00	
70	QPSK	1	1	25.98	23.10	23.13	23.11	23.05	23.50
Channel				632000	639834	647666	655500	663332	
Frequency(MHz)				3480.00	3597.51	3714.99	3832.50	3949.98	
60	QPSK	1	1	23.06	23.11	23.14	23.09	23.00	23.50
Channel				631668	639668	647666	655666	663666	
Frequency(MHz)				3475.02	3595.02	3714.99	3834.99	3954.99	
50	QPSK	1	1	22.97	23.00	23.16	23.03	23.01	23.50
Channel				631334	639500	647666	655832	664000	
Frequency(MHz)				3470.01	3592.50	3714.99	3837.48	3960.00	
40	QPSK	1	1	23.00	23.05	23.10	23.04	23.00	23.50
Channel				631000	639334	647666	656000	664332	
Frequency(MHz)				3465.00	3590.01	3714.99	3840.00	3964.98	
30	QPSK	1	1	23.04	23.10	23.12	23.11	22.99	23.50
Channel				630834	639250	647666	656082	664500	
Frequency(MHz)				3462.51	3588.75	3714.99	3841.23	3967.50	
25	QPSK	1	1	22.96	23.08	23.10	23.04	23.03	23.50
Channel				630668	639168	647666	656166	664666	
Frequency(MHz)				3460.02	3587.52	3714.99	3842.49	3969.99	
20	QPSK	1	1	22.98	23.10	23.11	23.04	23.08	23.50
Channel				630500	639084	647666	656250	664832	
Frequency(MHz)				3457.50	3586.26	3714.99	3843.75	3972.48	
15	QPSK	1	1	22.96	22.98	23.13	23.11	23.02	23.50
Channel				630334	639000	647666	656332	665000	
Frequency(MHz)				3455.01	3585.00	3714.99	3844.98	3975.00	
10	QPSK	1	1	22.98	23.12	23.14	23.12	23.03	23.50

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Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				633334	640500	647666	654832	662000	9.00
Frequency(MHz)				3500.01	3607.50	3714.99	3822.48	3930.00	
100	PI/2 BPSK	1	1	8.53	8.59	8.73	8.58	8.61	9.00
		1	137	8.38	8.46	8.55	8.40	8.49	9.00
		1	271	8.33	8.34	8.44	8.39	8.42	9.00
		135	0	8.39	8.48	8.59	8.48	8.57	9.00
		135	69	8.40	8.45	8.51	8.43	8.57	9.00
		135	138	8.45	8.40	8.62	8.58	8.50	9.00
		270	0	8.35	8.33	8.51	8.36	8.29	9.00
	QPSK	1	1	8.30	8.29	8.38	8.24	8.23	9.00
		1	137	8.44	8.42	8.63	8.48	8.40	9.00
		1	271	8.27	8.36	8.50	8.41	8.50	9.00
		135	0	8.58	8.52	8.54	8.61	8.49	9.00
		135	69	8.49	8.44	8.48	8.44	8.41	9.00
		135	138	8.43	8.48	8.56	8.37	8.52	9.00
		270	0	8.44	8.52	8.57	8.45	8.42	9.00
	16QAM	1	1	8.08	8.09	8.14	8.06	8.07	9.00
	64QAM	1	1	8.14	8.19	8.16	8.23	8.13	9.00
	256QAM	1	1	8.36	8.43	8.60	8.50	8.50	9.00
Channel				633000	640334	647666	655000	662332	9.00
Frequency(MHz)				3495.00	3605.01	3714.99	3825.00	3934.98	
90	QPSK	1	1	8.24	8.45	8.49	8.35	8.42	9.00
Channel				632668	640168	647666	655166	662666	9.00
Frequency(MHz)				3490.02	3602.52	3714.99	3827.49	3939.99	
80	QPSK	1	1	8.29	8.31	8.43	8.33	8.48	9.00
Channel				632334	640000	647666	655332	663000	9.00
Frequency(MHz)				3485.01	3600.00	3714.99	3829.98	3945.00	
70	QPSK	1	1	8.23	8.33	8.46	8.32	8.42	9.00
Channel				632000	639834	647666	655500	663332	9.00
Frequency(MHz)				3480.00	3597.51	3714.99	3832.50	3949.98	
60	QPSK	1	1	8.37	8.31	8.54	8.27	8.35	9.00
Channel				631668	639668	647666	655666	663666	9.00
Frequency(MHz)				3475.02	3595.02	3714.99	3834.99	3954.99	
50	QPSK	1	1	8.25	8.37	8.49	8.27	8.47	9.00
Channel				631334	639500	647666	655832	664000	9.00
Frequency(MHz)				3470.01	3592.50	3714.99	3837.48	3960.00	
40	QPSK	1	1	8.35	8.37	8.53	8.29	8.35	9.00
Channel				631000	639334	647666	656000	664332	9.00
Frequency(MHz)				3465.00	3590.01	3714.99	3840.00	3964.98	
30	QPSK	1	1	8.33	8.35	8.47	8.33	8.36	9.00
Channel				630834	639250	647666	656082	664500	9.00
Frequency(MHz)				3462.51	3588.75	3714.99	3841.23	3967.50	
25	QPSK	1	1	8.36	8.38	8.45	8.32	8.36	9.00
Channel				630668	639168	647666	656166	664666	9.00
Frequency(MHz)				3460.02	3587.52	3714.99	3842.49	3969.99	
20	QPSK	1	1	8.36	8.33	8.53	8.36	8.42	9.00
Channel				630500	639084	647666	656250	664832	9.00
Frequency(MHz)				3457.50	3586.26	3714.99	3843.75	3972.48	
15	QPSK	1	1	8.24	8.45	8.41	8.33	8.40	9.00
Channel				630334	639000	647666	656332	665000	9.00
Frequency(MHz)				3455.01	3585.00	3714.99	3844.98	3975.00	
10	QPSK	1	1	8.23	8.41	8.47	8.30	8.38	9.00

8.4.12 NR n78 Output Power

n78-ANT3 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				633334	641666	650000	
Frequency(MHz)				3500.01	3624.99	3750.00	
100	PI/2 BPSK	1	1	26.17	26.24	26.12	26.50
		1	137	26.09	26.22	26.17	26.50
		1	271	25.98	26.09	25.94	26.50
		135	0	25.52	25.54	25.50	26.00
		135	69	26.06	26.20	26.09	26.50
		135	138	25.44	25.50	25.41	26.00
		270	0	25.26	25.41	25.36	26.00
	QPSK	1	1	26.10	26.19	26.08	26.50
		1	137	25.99	26.14	26.00	26.50
		1	271	26.03	26.13	26.10	26.50
		135	0	25.02	25.05	24.94	25.50
		135	69	26.13	26.17	26.05	26.50
		135	138	25.00	25.02	24.87	25.50
		270	0	24.99	25.00	24.86	25.50
	16QAM	1	1	24.62	24.68	24.58	25.50
	64QAM	1	1	23.14	23.19	23.09	24.00
	256QAM	1	1	21.66	21.76	21.62	22.00
Channel				633000	641666	650332	Tune-up power
Frequency(MHz)				3495	3624.99	3754.98	
90	QPSK	1	1	26.14	26.22	26.06	26.50
Channel				632668	641666	650666	Tune-up power
Frequency(MHz)				3490.02	3624.99	3759.99	
80	QPSK	1	1	26.12	26.20	26.08	26.50
Channel				632334	641666	651000	Tune-up power
Frequency(MHz)				3485.01	3624.99	3765	
70	QPSK	1	1	26.14	26.17	26.09	26.50
Channel				632000	641666	651332	Tune-up power
Frequency(MHz)				3480	3624.99	3769.98	
60	QPSK	1	1	26.11	26.19	26.00	26.50
Channel				631668	641666	651666	Tune-up power
Frequency(MHz)				3475.02	3624.99	3774.99	
50	QPSK	1	1	26.07	26.15	25.97	26.50
Channel				631334	641666	652000	Tune-up power
Frequency(MHz)				3470.01	3624.99	3780	
40	QPSK	1	1	26.06	26.19	26.02	26.50
Channel				631000	641666	652332	Tune-up power
Frequency(MHz)				3465	3624.99	3784.98	
30	QPSK	1	1	26.05	26.21	25.99	26.50
Channel				630834	641666	652500	Tune-up power
Frequency(MHz)				3462.51	3624.99	3787.5	
25	QPSK	1	1	26.02	26.11	25.99	26.50
Channel				630668	641666	652666	Tune-up power
Frequency(MHz)				3460.02	3624.99	3789.99	
20	QPSK	1	1	26.02	26.12	26.00	26.50
Channel				630500	641666	652832	Tune-up power
Frequency(MHz)				3457.5	3624.99	3792.48	
15	QPSK	1	1	26.03	26.17	26.10	26.50
Channel				630334	641666	653000	Tune-up power
Frequency(MHz)				3455.01	3624.99	3795	
10	QPSK	1	1	26.12	26.21	26.05	26.50

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Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				633334	641666	650000	Tune-up power(dBm)
Frequency(MHz)				3500.01	3624.99	3750.00	
100	PI/2 BPSK	1	1	11.59	11.71	11.66	12.00
		1	137	11.56	11.58	11.53	12.00
		1	271	11.46	11.67	11.50	12.00
		135	0	11.47	11.48	11.52	12.00
		135	69	11.55	11.66	11.53	12.00
		135	138	11.49	11.62	11.54	12.00
	QPSK	270	0	11.59	11.66	11.49	12.00
		1	1	11.45	11.46	11.25	12.00
		1	137	11.47	11.63	11.65	12.00
		1	271	11.62	11.60	11.54	12.00
		135	0	11.42	11.54	11.33	12.00
		135	69	11.51	11.61	11.48	12.00
		135	138	11.51	11.62	11.41	12.00
		270	0	11.44	11.56	11.60	12.00
	16QAM	1	1	11.13	11.24	11.03	12.00
	64QAM	1	1	11.25	11.33	11.19	12.00
	256QAM	1	1	11.43	11.50	11.60	12.00
Channel				633000	641666	650332	Tune-up power(dB)
Frequency(MHz)				3495	3624.99	3754.98	
90	QPSK	1	1	11.55	11.56	11.43	12.00
Channel				632668	641666	650666	Tune-up power(dB)
Frequency(MHz)				3490.02	3624.99	3759.99	
80	QPSK	1	1	11.49	11.47	11.39	12.00
Channel				632334	641666	651000	Tune-up power(dB)
Frequency(MHz)				3485.01	3624.99	3765	
70	QPSK	1	1	11.45	11.46	11.47	12.00
Channel				632000	641666	651332	Tune-up power(dB)
Frequency(MHz)				3480	3624.99	3769.98	
60	QPSK	1	1	11.50	11.47	11.45	12.00
Channel				631668	641666	651666	Tune-up power(dB)
Frequency(MHz)				3475.02	3624.99	3774.99	
50	QPSK	1	1	11.50	11.53	11.38	12.00
Channel				631334	641666	652000	Tune-up power(dB)
Frequency(MHz)				3470.01	3624.99	3780	
40	QPSK	1	1	11.51	11.51	11.52	12.00
Channel				631000	641666	652332	Tune-up power(dB)
Frequency(MHz)				3465	3624.99	3784.98	
30	QPSK	1	1	11.42	11.53	11.41	12.00
Channel				630834	641666	652500	Tune-up power(dB)
Frequency(MHz)				3462.51	3624.99	3787.5	
25	QPSK	1	1	11.41	11.54	11.48	12.00
Channel				630668	641666	652666	Tune-up power(dB)
Frequency(MHz)				3460.02	3624.99	3789.99	
20	QPSK	1	1	11.53	11.45	11.43	12.00
Channel				630500	641666	652832	Tune-up power(dB)
Frequency(MHz)				3457.5	3624.99	3792.48	
15	QPSK	1	1	11.42	11.55	11.41	12.00
Channel				630334	641666	653000	Tune-up power(dB)
Frequency(MHz)				3455.01	3624.99	3795	
10	QPSK	1	1	11.46	11.53	11.45	12.00

8.4.12 NR n78 Output Power

n78-ENDC-ANT3 Full power

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				633334	641666	650000	
Frequency(MHz)				3500.01	3624.99	3750.00	
100	PI/2 BPSK	1	1	23.17	23.24	23.12	23.50
		1	137	23.09	23.22	23.17	23.50
		1	271	22.98	23.09	22.94	23.50
		135	0	22.52	22.54	22.50	23.00
		135	69	23.06	23.20	23.09	23.50
		135	138	22.44	22.50	22.41	23.00
	QPSK	270	0	22.26	22.41	22.36	23.00
		1	1	23.10	23.19	23.08	23.50
		1	137	22.99	23.14	23.00	23.50
		1	271	23.03	23.13	23.10	23.50
		135	0	22.02	22.05	21.94	22.50
		135	69	23.13	23.17	23.05	23.50
		135	138	22.00	22.02	21.87	22.50
		270	0	21.99	22.00	21.86	22.50
	16QAM	1	1	21.62	21.68	21.58	22.50
	64QAM	1	1	20.14	20.19	20.09	21.00
	256QAM	1	1	18.66	18.76	18.62	19.00
Channel				633000	641666	650332	Tune-up power
Frequency(MHz)				3495	3624.99	3754.98	
90	QPSK	1	1	23.14	23.22	23.06	23.50
Channel				632668	641666	650666	Tune-up power
Frequency(MHz)				3490.02	3624.99	3759.99	
80	QPSK	1	1	23.12	23.20	23.08	23.50
Channel				632334	641666	651000	Tune-up power
Frequency(MHz)				3485.01	3624.99	3765	
70	QPSK	1	1	23.14	23.17	23.09	23.50
Channel				632000	641666	651332	Tune-up power
Frequency(MHz)				3480	3624.99	3769.98	
60	QPSK	1	1	23.11	23.19	23.00	23.50
Channel				631668	641666	651666	Tune-up power
Frequency(MHz)				3475.02	3624.99	3774.99	
50	QPSK	1	1	23.07	23.15	22.97	23.50
Channel				631334	641666	652000	Tune-up power
Frequency(MHz)				3470.01	3624.99	3780	
40	QPSK	1	1	23.06	23.19	23.02	23.50
Channel				631000	641666	652332	Tune-up power
Frequency(MHz)				3465	3624.99	3784.98	
30	QPSK	1	1	23.05	23.21	22.99	23.50
Channel				630834	641666	652500	Tune-up power
Frequency(MHz)				3462.51	3624.99	3787.5	
25	QPSK	1	1	23.02	23.11	22.99	23.50
Channel				630668	641666	652666	Tune-up power
Frequency(MHz)				3460.02	3624.99	3789.99	
20	QPSK	1	1	23.02	23.12	23.00	23.50
Channel				630500	641666	652832	Tune-up power
Frequency(MHz)				3457.5	3624.99	3792.48	
15	QPSK	1	1	23.03	23.17	23.10	23.50
Channel				630334	641666	653000	Tune-up power
Frequency(MHz)				3455.01	3624.99	3795	
10	QPSK	1	1	23.12	23.21	23.05	23.50

n78-ENDC-ANT3 DSI1

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				633334	641666	650000	Tune-up power(dBm)
Frequency(MHz)				3500.01	3624.99	3750.00	
100	PI/2 BPSK	1	1	8.59	8.71	8.66	9.00
		1	137	8.56	8.58	8.53	9.00
		1	271	8.46	8.67	8.50	9.00
		135	0	8.47	8.48	8.52	9.00
		135	69	8.55	8.66	8.53	9.00
		135	138	8.49	8.62	8.54	9.00
		270	0	8.59	8.66	8.49	9.00
	QPSK	1	1	8.45	8.46	8.25	9.00
		1	137	8.47	8.63	8.65	9.00
		1	271	8.62	8.60	8.54	9.00
		135	0	8.42	8.54	8.33	9.00
		135	69	8.51	8.61	8.48	9.00
		135	138	8.51	8.62	8.41	9.00
		270	0	8.44	8.56	8.60	9.00
	16QAM	1	1	8.13	8.24	8.03	9.00
	64QAM	1	1	8.25	8.33	8.19	9.00
	256QAM	1	1	8.43	8.50	8.60	9.00
Channel				633000	641666	650332	Tune-up power(dB)
Frequency(MHz)				3495	3624.99	3754.98	
90	QPSK	1	1	8.55	8.56	8.43	9.00
Channel				632668	641666	650666	Tune-up power(dB)
Frequency(MHz)				3490.02	3624.99	3759.99	
80	QPSK	1	1	8.49	8.47	8.39	9.00
Channel				632334	641666	651000	Tune-up power(dB)
Frequency(MHz)				3485.01	3624.99	3765	
70	QPSK	1	1	8.45	8.46	8.47	9.00
Channel				632000	641666	651332	Tune-up power(dB)
Frequency(MHz)				3480	3624.99	3769.98	
60	QPSK	1	1	8.50	8.47	8.45	9.00
Channel				631668	641666	651666	Tune-up power(dB)
Frequency(MHz)				3475.02	3624.99	3774.99	
50	QPSK	1	1	8.50	8.53	8.38	9.00
Channel				631334	641666	652000	Tune-up power(dB)
Frequency(MHz)				3470.01	3624.99	3780	
40	QPSK	1	1	8.51	8.51	8.52	9.00
Channel				631000	641666	652332	Tune-up power(dB)
Frequency(MHz)				3465	3624.99	3784.98	
30	QPSK	1	1	8.42	8.53	8.41	9.00
Channel				630834	641666	652500	Tune-up power(dB)
Frequency(MHz)				3462.51	3624.99	3787.5	
25	QPSK	1	1	8.41	8.54	8.48	9.00
Channel				630668	641666	652666	Tune-up power(dB)
Frequency(MHz)				3460.02	3624.99	3789.99	
20	QPSK	1	1	8.53	8.45	8.43	9.00
Channel				630500	641666	652832	Tune-up power(dB)
Frequency(MHz)				3457.5	3624.99	3792.48	
15	QPSK	1	1	8.42	8.55	8.41	9.00
Channel				630334	641666	653000	Tune-up power(dB)
Frequency(MHz)				3455.01	3624.99	3795	
10	QPSK	1	1	8.46	8.53	8.45	9.00

8.5 WIFI Output Power

8.5.1 2.4G WIFI Output Power

WIFI2.4G-ANT7-Full Power						
2.4G	Mode	Channel	Frequency (MHz)	AV power (dBm)	Tune up (dBm)	SAR Test
	11b	1	2412	6.78	7.00	Yes
		6	2437	6.06	7.00	Yes
		11	2462	6.32	7.00	Yes
	11g	1	2412	6.49	7.00	No
		6	2437	6.31	7.00	No
		11	2462	6.44	7.00	No
	11n20	1	2412	6.33	7.00	No
		6	2437	6.28	7.00	No
		11	2462	6.31	7.00	No
	11n40	3	2422	5.95	7.00	No
		6	2437	6.15	7.00	No
		9	2452	5.78	7.00	No
	11ax20	1	2412	6.05	7.00	No
		6	2437	6.44	7.00	No
		11	2462	6.38	7.00	No
	11ax40	3	2422	6.42	7.00	No
		6	2437	6.56	7.00	No
		9	2452	6.06	7.00	No
	11be20	1	2412	6.06	7.00	No
		6	2437	6.48	7.00	No
		11	2462	6.42	7.00	No
	11be40	3	2422	6.56	7.00	No
		6	2437	6.60	7.00	No
		9	2452	6.20	7.00	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

- 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power.
- 2) When multiple transmission modes (802.11b/g/n) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n.
- 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required.
Adjusted SAR = $0.153 * (5.01\text{mW}/5.01\text{mW}) = 0.153$ W/Kg, so 2.4G OFDM SAR test is not required.

WIFI2.4G-ANT8-Full Power						
2.4G	Mode	Channel	Frequency (MHz)	AV power (dBm)	Tune up (dBm)	SAR Test
	11b	1	2412	6.59	7.00	Yes
		6	2437	6.03	7.00	Yes
		11	2462	6.45	7.00	Yes
	11g	1	2412	6.25	7.00	No
		6	2437	6.51	7.00	No
		11	2462	6.56	7.00	No
	11n20	1	2412	6.52	7.00	No
		6	2437	6.35	7.00	No
		11	2462	6.55	7.00	No
	11n40	3	2422	6.23	7.00	No
		6	2437	6.41	7.00	No
		9	2452	5.99	7.00	No
	11ax20	1	2412	6.39	7.00	No
		6	2437	6.59	7.00	No
		11	2462	6.35	7.00	No
	11ax40	3	2422	6.46	7.00	No
		6	2437	6.57	7.00	No
		9	2452	6.34	7.00	No
	11be20	1	2412	6.34	7.00	No
		6	2437	6.54	7.00	No
		11	2462	6.58	7.00	No
	11be40	3	2422	6.66	7.00	No
		6	2437	6.61	7.00	No
		9	2452	6.20	7.00	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

- 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power.
- 2) When multiple transmission modes (802.11b/g/n) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n.
- 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required.
Adjusted SAR = $0.271 * (5.01\text{mW}/5.01\text{mW}) = 0.271$ W/Kg, so 2.4G OFDM SAR test is not required.

WIFI2.4G-MIMO-Full Power						
2.4G	Mode	Channel	Frequency (MHz)	AV power (dBm)	Tune up (dBm)	SAR Test
	11b	1	2412	9.70	10.00	Yes
		6	2437	9.06	10.00	Yes
		11	2462	9.40	10.00	Yes
	11g	1	2412	9.38	10.00	No
		6	2437	9.42	10.00	No
		11	2462	9.51	10.00	No
	11n20	1	2412	9.44	10.00	No
		6	2437	9.33	10.00	No
		11	2462	9.44	10.00	No
	11n40	3	2422	9.10	10.00	No
		6	2437	9.29	10.00	No
		9	2452	8.90	10.00	No
	11ax20	1	2412	9.23	10.00	No
		6	2437	9.53	10.00	No
		11	2462	9.38	10.00	No
	11ax40	3	2422	9.45	10.00	No
		6	2437	9.58	10.00	No
		9	2452	9.21	10.00	No
	11be20	1	2412	9.21	10.00	No
		6	2437	9.52	10.00	No
		11	2462	9.51	10.00	No
	11be40	3	2422	9.62	10.00	No
		6	2437	9.62	10.00	No
		9	2452	9.21	10.00	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

- 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power.
- 2) When multiple transmission modes (802.11b/g/n) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n.
- 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required.
Adjusted SAR = $0.253 * (5.01\text{mW}/5.01\text{mW}) = 0.253$ W/Kg, so 2.4G OFDM SAR test is not required.

8.5.2 5G WIFI Output Power

WIFI5G-ANT7-Full Power						
	Mode	Channal	Frequency (MHz)	AV power (dBm)	Tune up (dBm)	SAR Test
5.2G	11a	36	5180	7.66	8.50	No
		44	5220	6.90	8.00	No
		48	5240	7.61	8.50	No
	11n20	36	5180	7.36	8.50	No
		44	5220	7.04	8.00	No
		48	5240	7.55	8.50	No
	11n40	38	5190	6.39	7.50	No
		46	5230	7.14	8.00	No
	11ac20	36	5180	7.35	8.00	No
		44	5220	6.74	8.00	No
		48	5240	7.23	8.00	No
	11ac40	38	5190	6.23	7.00	No
		46	5230	7.08	8.00	No
	11ac80	42	5210	7.12	8.00	No
	11ax20	36	5180	7.46	8.50	No
		44	5220	6.97	8.00	No
		48	5240	7.54	8.50	No
	11ax40	38	5190	6.78	8.00	Yes
		46	5230	7.43	8.50	Yes
	11ax80	42	5210	6.66	7.50	No
5.3G	11a	52	5260	7.68	8.50	No
		60	5300	7.02	8.00	No
		64	5320	6.80	8.00	No
	11n20	52	5260	7.42	8.50	No
		60	5300	6.81	8.00	No
		64	5320	6.61	7.50	No
	11n40	54	5270	7.61	8.50	No
		62	5310	6.63	7.50	No
	11ac20	52	5260	7.45	8.50	No
		60	5300	6.80	7.50	No
		64	5320	6.62	7.50	No
	11ac40	54	5270	7.04	8.00	No
		62	5310	6.88	8.00	No
	11ac80	58	5290	6.79	8.00	No
	11ac160	50	5250	7.84	8.50	Yes
	11ax20	52	5260	7.52	8.50	No
		60	5300	7.18	8.00	No
		64	5320	7.06	8.00	No
	11ax40	54	5270	7.79	8.50	No
		62	5310	7.39	8.50	No
	11ax80	58	5290	7.43	8.50	No
	11ax160	50	5250	7.22	8.00	No
	11be20	52	5260	7.63	8.50	No
		60	5300	7.38	8.50	No
		64	5320	7.34	8.50	No
	11be40	54	5270	7.54	8.50	No
		62	5310	7.34	8.50	No
	11be80	58	5290	7.26	8.00	No
	11be160	50	5250	7.53	8.50	No

5.6G	11a	100	5500	8.76	9.50	No
		116	5580	6.30	7.50	No
		140	5700	6.81	7.50	No
	11n20	100	5500	8.52	9.50	No
		116	5580	6.25	7.50	No
		140	5700	7.39	7.50	No
	11n40	102	5510	8.62	9.50	No
		118	5590	6.74	7.50	No
		134	5670	7.69	8.50	No
	11ac20	100	5500	8.52	9.50	No
		116	5580	6.13	7.00	No
		140	5700	6.84	7.50	No
	11ac40	102	5510	8.24	9.00	No
		118	5590	5.48	6.50	No
		134	5670	7.76	8.50	No
	11ac80	106	5530	8.38	9.50	Yes
		122	5610	5.57	6.50	Yes
	11ac160	114	5570	7.14	8.00	No
	11ax20	100	5500	8.76	9.50	No
		116	5580	6.30	7.50	No
		140	5700	7.46	8.50	No
	11ax40	102	5510	8.00	9.00	No
		118	5590	6.95	8.00	No
		134	5670	8.30	9.50	No
	11ax80	106	5530	8.49	9.50	No
		122	5610	5.34	6.50	No
	11ax160	114	5570	6.78	7.50	No
	11be20	100	5500	8.24	9.50	No
		116	5580	6.57	7.50	No
		140	5700	7.07	8.00	No
	11be40	102	5510	8.58	9.50	No
		118	5590	6.02	7.00	No
		134	5670	8.00	9.00	No
	11be80	106	5530	8.51	9.50	No
		122	5610	5.57	6.50	No
	11be160	114	5570	6.87	8.00	No
5.8G	11a	149	5745	7.38	8.00	No
		157	5785	6.05	6.50	No
		165	5825	7.16	7.50	No
	11n20	149	5745	6.66	7.00	No
		157	5785	6.43	7.00	No
		165	5825	7.36	8.00	No
	11n40	151	5755	7.56	8.00	No
		159	5795	6.64	7.00	No
		165	5825	7.39	8.00	No
	11ac20	149	5745	7.10	7.50	No
		157	5785	6.45	7.00	No
		165	5825	7.39	8.00	No
	11ac40	151	5755	7.19	7.50	No
		159	5795	5.49	6.00	No
		165	5825	7.39	8.00	No
	11ac80	155	5775	7.69	8.00	No
	11ax20	149	5745	7.35	8.00	No
		157	5785	8.15	8.50	No
		165	5825	8.21	8.50	No
	11ax40	151	5755	8.15	8.50	No
		159	5795	8.22	8.50	No
		165	5825	8.23	8.50	No
	11ax80	155	5775	7.79	8.00	No
	11be20	149	5745	7.56	8.00	No
		157	5785	7.72	8.00	No
		165	5825	8.23	8.50	No
	11be40	151	5755	8.00	8.50	No
		159	5795	8.27	8.50	No
	11be80	155	5775	8.08	8.50	Yes
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11a/g/n/ac/ax) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac/ax.						

WIFI5G-ANT8-Full Power						
5.2G	Mode	Channal	Frequency (MHz)	AV power (dBm)	Tune up (dBm)	SAR Test
	11a	36	5180	7.48	8.50	No
		44	5220	7.68	8.50	No
		48	5240	7.62	8.50	No
	11n20	36	5180	7.53	8.50	No
		44	5220	7.07	8.50	No
		48	5240	7.12	8.50	No
	11n40	38	5190	7.50	8.50	No
		46	5230	7.71	8.50	No
	11ac20	36	5180	7.28	8.50	No
		44	5220	7.43	8.50	No
		48	5240	7.44	8.50	No
	11ac40	38	5190	7.57	8.50	No
		46	5230	7.57	8.50	No
	11ac80	42	5210	7.28	8.00	No
	11ax20	36	5180	7.53	8.50	No
		44	5220	7.61	8.50	No
		48	5240	7.60	8.50	No
	11ax40	38	5190	7.66	8.50	No
		46	5230	7.78	8.50	No
	11ax80	42	5210	7.58	8.50	Yes
	11be20	36	5180	7.51	8.50	No
		44	5220	7.59	8.50	No
		48	5240	7.30	8.50	No
	11be40	38	5190	7.64	8.50	No
		46	5230	7.65	8.50	No
	11be80	42	5210	7.62	8.50	No
5.3G	11a	52	5260	7.18	8.00	No
		60	5300	7.25	8.00	No
		64	5320	7.34	8.50	No
	11n20	52	5260	7.21	8.00	No
		60	5300	7.12	8.00	No
		64	5320	7.00	8.00	No
	11n40	54	5270	7.30	8.50	No
		62	5310	7.56	8.50	No
	11ac20	52	5260	7.06	8.00	No
		60	5300	7.30	8.50	No
		64	5320	7.03	8.00	No
	11ac40	54	5270	7.45	8.50	No
		62	5310	7.16	8.00	No
	11ac80	58	5290	7.07	8.00	No
	11ac160	50	5250	7.34	8.50	Yes
	11ax20	52	5260	7.18	8.00	No
		60	5300	7.70	8.50	No
		64	5320	7.22	8.00	No
	11ax40	54	5270	7.72	8.50	No
		62	5310	7.60	8.50	No
	11ax80	58	5290	7.24	8.00	No
	11ax160	50	5250	7.69	8.50	No
	11be20	52	5260	7.24	8.00	No
		60	5300	7.73	8.50	No
		64	5320	7.50	8.50	No
	11be40	54	5270	7.71	8.50	No
		62	5310	7.63	8.50	No
	11be80	58	5290	7.52	8.50	No
	11be160	50	5250	7.54	8.50	No

5.6G	11a	100	5500	8.07	9.00	No
		116	5580	8.39	9.50	No
		140	5700	8.24	9.00	No
	11n20	100	5500	8.00	9.00	No
		116	5580	8.61	9.50	No
		140	5700	8.50	9.50	No
	11n40	102	5510	8.76	9.50	No
		118	5590	8.10	9.00	No
		134	5670	8.40	9.50	No
	11ac20	100	5500	7.50	8.50	No
		116	5580	8.16	9.00	No
		140	5700	8.22	9.00	No
	11ac40	102	5510	8.14	9.00	No
		118	5590	8.14	9.00	No
		134	5670	8.62	9.50	No
	11ac80	106	5530	8.26	9.00	No
		122	5610	8.46	9.50	No
	11ac160	114	5570	8.48	9.50	Yes
	11ax20	100	5500	8.12	9.00	No
		116	5580	8.51	9.50	No
		140	5700	8.68	9.50	No
	11ax40	102	5510	8.23	9.00	No
		118	5590	8.58	9.50	No
		134	5670	7.96	9.00	No
	11ax80	106	5530	8.64	9.50	No
		122	5610	8.55	9.50	No
	11ax160	114	5570	8.52	9.50	No
	11be20	100	5500	8.26	9.00	No
		116	5580	8.52	9.50	No
		140	5700	8.42	9.50	No
	11be40	102	5510	8.51	9.50	No
		118	5590	8.45	9.50	No
		134	5670	8.49	9.50	No
	11be80	106	5530	8.40	9.50	No
		122	5610	8.34	9.50	No
	11be160	114	5570	8.02	9.00	No
5.8G	11a	149	5745	8.21	8.50	No
		157	5785	7.98	8.50	No
		165	5825	7.98	8.50	No
	11n20	149	5745	7.93	8.50	No
		157	5785	8.19	8.50	No
		165	5825	7.98	8.50	No
	11n40	151	5755	8.25	8.50	No
		159	5795	7.95	8.50	No
		165	5825	8.00	8.50	No
	11ac20	149	5745	8.17	8.50	No
		157	5785	8.20	8.50	No
		165	5825	8.00	8.50	No
	11ac40	151	5755	8.13	8.50	No
		159	5795	7.87	8.50	No
		165	5825	8.00	8.50	No
	11ac80	155	5775	7.94	8.50	Yes
	11ax20	149	5745	7.88	8.50	No
		157	5785	8.15	8.50	No
		165	5825	7.95	8.50	No
	11ax40	151	5755	8.25	8.50	No
		159	5795	8.22	8.50	No
		165	5825	7.75	8.00	No
	11be20	149	5745	7.72	8.00	No
		157	5785	8.30	8.50	No
		165	5825	7.79	8.00	No
	11be40	151	5755	8.35	8.50	No
		159	5795	8.20	8.50	No
	11be80	155	5775	7.97	8.50	No
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11a/g/n/ac/ax) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac/ax.						

WIFI5G-MIMO-Full Power						
5.2G	Mode	Channal	Frequency (MHz)	AV power (dBm)	Tune up (dBm)	SAR Test
	11a	36	5180	10.58	11.50	No
		44	5220	10.32	11.50	No
		48	5240	10.63	11.50	No
	11n20	36	5180	10.46	11.50	No
		44	5220	10.07	11.00	No
		48	5240	10.35	11.50	No
	11n40	38	5190	9.99	11.00	Yes
		46	5230	10.44	11.50	Yes
	11ac20	36	5180	10.33	11.50	No
		44	5220	10.11	11.00	No
		48	5240	10.35	11.50	No
	11ac40	38	5190	9.96	11.00	No
		46	5230	10.34	11.50	No
	11ac80	42	5210	10.21	11.00	No
	11ax20	36	5180	10.51	11.50	No
		44	5220	10.31	11.50	No
		48	5240	10.58	11.50	No
	11ax40	38	5190	10.25	11.00	No
		46	5230	10.62	11.50	No
	11ax80	42	5210	10.15	11.00	No
	11be20	36	5180	10.43	11.50	No
		44	5220	10.40	11.50	No
		48	5240	10.44	11.50	No
	11be40	38	5190	10.26	11.00	No
		46	5230	10.61	11.50	No
	11be80	42	5210	10.27	11.00	No
5.3G	11a	52	5260	10.45	11.50	No
		60	5300	10.15	11.00	No
		64	5320	10.09	11.00	No
	11n20	52	5260	10.33	11.50	No
		60	5300	9.98	11.00	No
		64	5320	9.82	11.00	No
	11n40	54	5270	10.47	11.50	No
		62	5310	10.13	11.00	No
	11ac20	52	5260	10.27	11.00	No
		60	5300	10.07	11.00	No
		64	5320	9.84	11.00	No
	11ac40	54	5270	10.26	11.00	No
		62	5310	10.03	11.00	No
	11ac80	58	5290	9.94	11.00	No
	11ac160	50	5250	10.61	11.50	Yes
	11ax20	52	5260	10.36	11.50	No
		60	5300	10.46	11.50	No
		64	5320	10.15	11.00	No
	11ax40	54	5270	10.77	11.50	No
		62	5310	10.51	11.50	No
	11ax80	58	5290	10.35	11.50	No
	11ax160	50	5250	10.47	11.50	No
	11be20	52	5260	10.45	11.50	No
		60	5300	10.57	11.50	No
		64	5320	10.43	11.50	No
	11be40	54	5270	10.64	11.50	No
		62	5310	10.50	11.50	No
	11be80	58	5290	10.40	11.50	No
	11be160	50	5250	10.55	11.50	No

5.6G	11a	100	5500	11.44	12.50	No
		116	5580	10.48	11.50	No
		140	5700	10.59	11.50	No
	11n20	100	5500	11.28	12.00	No
		116	5580	10.60	11.50	No
		140	5700	10.99	12.00	No
	11n40	102	5510	11.70	12.50	No
		118	5590	10.48	11.50	No
		134	5670	11.07	12.00	No
	11ac20	100	5500	11.05	12.00	No
		116	5580	10.27	11.00	No
		140	5700	10.59	11.50	No
	11ac40	102	5510	11.20	12.00	No
		118	5590	10.02	11.00	No
		134	5670	11.22	12.00	No
	11ac80	106	5530	11.33	12.50	Yes
		122	5610	10.26	11.00	Yes
	11ac160	114	5570	10.87	12.00	No
	11ax20	100	5500	11.46	12.50	No
		116	5580	10.55	11.50	No
		140	5700	11.12	12.00	No
	11ax40	102	5510	11.13	12.00	No
		118	5590	10.85	12.00	No
		134	5670	11.14	12.00	No
	11ax80	106	5530	11.58	12.50	No
		122	5610	10.25	11.00	No
	11ax160	114	5570	10.75	11.50	No
	11be20	100	5500	11.26	12.00	No
		116	5580	10.66	11.50	No
		140	5700	10.81	12.00	No
	11be40	102	5510	11.56	12.50	No
		118	5590	10.41	11.50	No
		134	5670	11.26	12.00	No
	11be80	106	5530	11.47	12.50	No
		122	5610	10.18	11.00	No
	11be160	114	5570	10.49	11.50	No
5.8G	11a	149	5745	10.83	11.50	No
		157	5785	10.13	10.50	No
		165	5825	10.60	11.00	No
	11n20	149	5745	10.35	11.00	No
		157	5785	10.41	11.00	No
		165	5825	10.69	11.00	No
	11n40	151	5755	10.93	11.50	No
		159	5795	10.35	11.00	No
		165	5825	10.72	11.00	No
	11ac20	149	5745	10.68	11.00	No
		157	5785	10.42	11.00	No
		165	5825	10.70	11.00	No
	11ac40	151	5755	10.70	11.00	No
		159	5795	9.85	10.50	No
		165	5825	10.83	11.50	Yes
	11ax20	149	5745	10.63	11.00	No
		157	5785	11.16	11.50	No
		165	5825	11.09	11.50	No
	11ax40	151	5755	11.21	11.50	No
		159	5795	11.23	11.50	No
		165	5825	10.78	11.00	No
	11be20	149	5745	10.65	11.00	No
		157	5785	11.03	11.50	No
		165	5825	11.03	11.50	No
	11be40	151	5755	11.19	11.50	No
		159	5795	11.25	11.50	No
	11be80	155	5775	11.04	11.50	No
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11a/g/n/ac/ax) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac/ax.						

8.5.3 6G WIFI Output Power

test Mode	Modulation	Channel number	Fre.(MHz)	Output power(dBm)			Tune up power(dBm)			SAR Test		
				ANT7	ANT8	ANTMIMO	ANT7	ANT8	ANTMIMO	ANT7	ANT8	ANTMIMO
WIFI 6E U-NII-5	11ax20	1	5955	4.97	2.56	6.94	5.50	3.00	7.50	No	No	No
		45	6175	4.48	1.65	6.30	5.50	3.00	7.50	No	No	No
		93	6415	6.11	2.91	7.81	6.50	3.00	8.50	No	No	No
	11ax40	3	5965	6.47	4.91	8.77	6.50	5.00	9.00	No	No	No
		43	6165	5.74	4.17	8.04	6.50	5.00	9.00	No	No	No
		91	6405	6.44	3.01	8.07	6.50	4.00	8.50	No	No	No
	11ax80	7	5985	6.84	4.52	8.84	7.00	5.00	9.50	No	No	No
		39	6145	6.73	4.39	8.73	7.00	5.00	9.50	No	No	No
		87	6385	6.88	3.36	8.48	7.00	4.00	9.00	No	No	No
	11ax160	15	6025	7.06	5.16	9.22	8.00	6.00	10.00	Yes	Yes	Yes
		47	6185	7.84	7.78	10.82	8.00	8.00	11.00	Yes	Yes	Yes
		79	6345	7.84	6.78	10.35	8.00	8.00	11.00	Yes	Yes	Yes
	11be20	1	5955	4.35	2.26	6.44	6.00	2.50	7.50	No	No	No
		45	6175	4.25	1.35	6.05	6.00	2.50	7.50	No	No	No
		93	6415	5.68	2.28	7.31	6.00	2.50	7.50	No	No	No
	11be40	3	5965	6.24	4.25	8.37	7.50	4.50	9.50	No	No	No
		43	6165	6.27	4.24	8.38	7.50	4.50	9.50	No	No	No
		91	6405	7.04	3.73	8.70	7.50	4.50	9.50	No	No	No
	11be80	7	5985	6.19	5.67	8.95	6.50	6.50	9.50	No	No	No
		39	6145	6.19	6.18	9.20	6.50	6.50	9.50	No	No	No
		87	6385	5.91	2.41	7.51	6.50	3.00	8.50	No	No	No
	11be160	15	6025	5.95	4.90	8.47	6.50	5.00	9.00	No	No	No
		47	6185	5.85	6.44	9.17	6.50	6.50	9.50	No	No	No
		79	6345	5.61	4.14	7.95	6.50	5.00	9.00	No	No	No
	11be320	31	6105	5.77	4.14	8.04	6.50	4.50	9.00	No	No	No
		63	6265	5.93	4.39	8.24	6.50	4.50	9.00	No	No	No
		95	6425	6.04	4.32	8.27	6.50	4.50	9.00	No	No	No
WIFI 6E U-NII-6	11ax-20	97	6435	5.09	5.22	8.17	6.00	6.50	9.50	No	No	No
		105	6475	5.71	6.12	8.93	7.00	6.50	10.00	No	No	No
		113	6515	6.56	3.29	8.24	7.00	4.00	10.00	No	No	No
	11ax-40	99	6445	5.90	6.60	9.27	6.50	7.00	10.00	No	No	No
		107	6485	6.32	6.45	9.40	6.50	7.00	10.00	No	No	No
		115	6525	6.03	2.79	7.72	6.50	3.00	8.50	No	No	No
	11ax-80	103	6465	5.64	6.27	8.98	6.00	6.50	9.50	No	No	No
		119	6545	5.58	2.50	7.32	6.00	3.00	8.00	No	No	No
	11ax-160	111	6505	7.56	6.95	10.28	8.00	8.00	11.00	Yes	Yes	Yes
	11be-20	97	6435	4.94	5.42	8.20	6.50	6.50	9.50	No	No	No
		105	6475	5.68	6.28	9.00	6.50	6.50	9.50	No	No	No
		113	6515	6.01	2.61	7.64	6.50	3.00	8.50	No	No	No
	11be-40	99	6445	5.98	6.31	9.16	6.50	6.50	9.50	No	No	No
		107	6485	5.02	5.71	8.39	6.50	6.00	9.50	No	No	No
		115	6525	6.04	2.85	7.74	6.50	3.00	8.50	No	No	No
	11be-80	103	6465	5.75	6.17	8.98	6.50	6.50	9.50	No	No	No
		119	6545	5.59	2.48	7.32	6.50	3.00	8.50	No	No	No
	11be-160	111	6505	6.04	5.66	8.86	6.50	6.50	9.50	No	No	No
WIFI 6E U-NII-7	11ax-20	117	6535	5.72	2.86	7.53	6.50	3.00	8.50	No	No	No
		153	6715	7.11	4.14	8.88	7.50	4.50	9.50	No	No	No
		181	6855	5.60	3.93	7.86	6.50	4.50	9.00	No	No	No
	11ax-40	123	6565	5.59	2.71	7.39	6.50	3.00	8.50	No	No	No
		155	6725	7.17	5.12	9.28	7.50	5.50	10.00	No	No	No
		179	6845	5.39	4.72	8.08	6.50	5.50	9.50	No	No	No
	11ax-80	135	6625	5.91	2.61	7.58	6.00	3.50	8.00	No	No	No
		151	6705	5.42	3.31	7.50	6.00	3.50	8.00	No	No	No
		167	6785	5.19	5.63	8.43	6.00	6.00	9.50	No	No	No
	11ax-160	143	6665	7.63	7.08	10.37	8.00	8.00	11.00	Yes	Yes	Yes
		175	6825	7.44	7.51	10.49	8.00	8.00	11.00	Yes	Yes	Yes
	11be-20	117	6535	5.71	2.52	7.41	6.50	3.00	8.50	No	No	No
		153	6715	6.22	4.00	8.26	6.50	4.50	9.00	No	No	No
		181	6855	5.21	5.08	8.16	6.50	5.50	9.50	No	No	No
	11be-40	123	6565	5.98	3.22	7.83	7.00	4.00	9.00	No	No	No
		155	6725	7.39	4.99	9.36	7.50	5.50	10.00	No	No	No
		179	6845	6.54	6.64	9.60	7.00	7.00	10.00	No	No	No
	11be-80	135	6625	6.30	3.07	7.99	6.50	4.00	8.50	No	No	No
		151	6705	5.79	4.77	8.32	6.50	5.00	9.00	No	No	No
		167	6785	6.37	6.48	9.44	6.50	7.00	10.00	No	No	No
	11be-160	143	6665	5.66	6.04	8.86	6.50	6.50	10.00	No	No	No
		175	6825	6.05	4.78	8.47	6.50	5.00	9.00	No	No	No
	11be-320	127	6585	5.22	5.72	8.49	6.00	6.00	9.00	No	No	No
		159	6745	5.62	4.47	8.09	6.00	6.00	9.00	No	No	No

WIFI 6E U-NII-8	11ax-20	185	6875	5.61	5.86	8.75	7.00	6.00	9.50	No	No	No
		213	7015	5.66	5.52	8.60	7.00	6.00	9.50	No	No	No
		229	7095	6.84	4.34	8.78	7.00	4.50	9.00	No	No	No
		233	7115	6.63	4.35	8.65	7.00	4.50	9.00	No	No	No
	11ax-40	187	6885	7.00	6.37	9.71	7.50	6.50	10.00	No	No	No
		211	7005	6.82	7.07	9.96	7.50	7.50	10.50	No	No	No
		227	7085	6.49	3.80	8.36	7.50	4.00	9.50	No	No	No
	11ax-80	183	6865	5.64	5.90	8.78	6.00	6.50	9.50	No	No	No
		199	6945	5.12	6.28	8.75	6.00	6.50	9.50	No	No	No
		215	7025	5.76	5.71	8.75	6.00	6.50	9.50	No	No	No
	11ax-160	207	6985	7.32	7.78	10.57	8.00	8.00	11.00	Yes	Yes	Yes
	11be-20	185	6875	5.68	5.61	8.66	7.00	6.00	9.50	No	No	No
		213	7015	5.89	5.53	8.72	7.00	6.00	9.50	No	No	No
		229	7095	6.86	4.41	8.82	7.00	5.00	9.50	No	No	No
		233	7115	6.72	4.94	8.93	7.00	5.00	9.50	No	No	No
	11be-40	187	6885	6.51	6.24	9.39	7.00	7.50	10.50	No	No	No
		211	7005	6.39	7.07	9.75	7.00	7.50	10.50	No	No	No
		227	7085	6.59	3.85	8.44	7.00	4.00	9.00	No	No	No
	11be-80	183	6865	6.89	6.08	9.51	7.00	6.50	10.00	No	No	No
		199	6945	6.36	5.96	9.17	7.00	6.50	10.00	No	No	No
		215	7025	6.79	5.99	9.42	7.00	6.50	10.00	No	No	No
	11be-160	207	6985	6.66	6.06	9.38	7.00	6.50	10.00	No	No	No
	11be-320	191	6905	6.76	5.35	9.12	7.00	6.50	10.00	No	No	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.
1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power.
2) When multiple transmission modes (802.11ax/be) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11ax then 802.11be.

8.6 Bluetooth

8.6.1 Bluetooth Output Power

Bluetooth-ANT7-Full Power							
Test Mode	Modulation	Channel number	Frequency(MHz)	Power setting	Meas. power (dBm)	Tune up (dBm))	SAR Test
BT	DH5	0	2402	16	9.44	10.00	Yes
		39	2441	15	8.83	10.00	Yes
		78	2480	15	9.05	10.00	Yes
	2DH5	0	2402	13	9.25	10.00	No
		39	2441	12	8.52	10.00	No
		78	2480	12	8.71	10.00	No
	3DH5	0	2402	12	8.49	10.00	No
		39	2441	12	8.86	10.00	No
		78	2480	12	9.00	10.00	No
	BLE-1M	0	2402	N/A	5.07	6.00	No
		19	2440	N/A	5.71	6.00	No
		39	2480	N/A	5.16	6.00	No
	BLE-2M	1	2404	N/A	5.17	6.00	No
		19	2440	N/A	5.60	6.00	No
		38	2478	N/A	5.15	6.00	No
	BLE-1M	0	2402	N/A	5.20	6.00	No
		19	2440	N/A	5.65	6.00	No
		39	2480	N/A	5.13	6.00	No
	BLE-2M	0	2402	N/A	5.16	6.00	No
		19	2440	N/A	5.61	6.00	No
		39	2480	N/A	5.19	6.00	No

Bluetooth-ANT8-Full Power							
Test Mode	Modulation	Channel number	Frequency(MHz)	Power setting	Meas. power (dBm)	Tune up (dBm))	SAR Test
BT	DH5	0	2402	16	8.94	10.00	Yes
		39	2441	16	8.84	10.00	Yes
		78	2480	18	9.16	10.00	Yes
	2DH5	0	2402	13	8.53	10.00	No
		39	2441	13	8.58	10.00	No
		78	2480	15	8.86	10.00	No
	3DH5	0	2402	13	9.01	10.00	No
		39	2441	13	8.96	10.00	No
		78	2480	15	9.19	10.00	No
	BLE-1M	0	2402	N/A	5.55	6.50	No
		19	2440	N/A	6.16	6.50	No
		39	2480	N/A	4.87	6.50	No
	BLE-2M	1	2404	N/A	5.53	6.50	No
		19	2440	N/A	6.18	6.50	No
		38	2478	N/A	5.31	6.50	No
	BLE-1M	0	2402	N/A	5.47	6.50	No
		19	2440	N/A	6.24	6.50	No
		39	2480	N/A	4.90	6.50	No
	BLE-2M	0	2402	N/A	5.42	6.50	No
		19	2440	N/A	6.19	6.50	No
		39	2480	N/A	4.87	6.50	No

8.6.2 Bluetooth Duty Cycle

The Bluetooth duty cycle is 76.40% as following figure, according to 2016 Oct. TCB workshop for Bluetooth SAR scaling need further consideration and the maximum duty cycle is 100%, therefore the actual duty cycle will be scaled up to 100% for Bluetooth reported SAR calculation.

Duty Cycle

