

		50	0	20.71	20.62	20.58	21.50
LTE B7							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	19.34	19.20	19.32	20.50
		1	13	19.49	19.15	19.55	20.50
		1	24	19.31	19.45	19.23	20.50
		12	0	18.29	18.29	18.23	19.50
		12	6	18.50	18.58	18.40	19.50
		12	13	18.29	18.51	18.63	19.50
		25	0	18.67	18.41	18.31	19.50
	16QAM	1	0	18.31	18.27	17.97	19.50
		1	13	17.95	18.09	18.09	19.50
		1	24	18.09	17.91	18.07	19.50
		12	0	16.77	16.97	16.85	18.50
		12	6	16.84	16.74	16.84	18.50
		12	13	16.78	17.04	16.70	18.50
		25	0	16.74	16.62	16.58	18.50
	64QAM	1	0	16.99	16.77	16.81	18.50
		1	13	17.05	16.87	16.99	18.50
		1	24	17.27	17.11	17.03	18.50
		12	0	16.06	16.06	16.12	17.50
		12	6	15.92	16.08	16.06	17.50
		12	13	15.93	16.05	15.75	17.50
		25	0	15.66	15.92	15.82	17.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	19.42	19.18	19.26	20.50
		1	25	19.21	19.19	19.27	20.50
		1	49	19.17	19.21	19.39	20.50
		25	0	18.49	18.23	18.23	19.50
		25	13	18.44	18.60	18.28	19.50
		25	25	18.27	18.43	18.75	19.50
		50	0	18.69	18.53	18.57	19.50
	16QAM	1	0	18.05	18.19	17.85	19.50
		1	25	17.89	18.25	18.15	19.50
		1	49	18.19	17.97	18.21	19.50
		25	0	16.79	16.95	16.91	18.50
		25	13	17.06	16.60	16.74	18.50
		25	25	16.98	16.78	16.90	18.50
		50	0	16.66	16.74	16.60	18.50
	64QAM	1	0	17.19	16.99	16.99	18.50

		1	25	17.13	16.87	16.91	18.50
		1	49	17.13	16.97	17.09	18.50
		25	0	16.14	15.94	16.14	17.50
		25	13	15.76	16.16	16.04	17.50
		25	25	15.81	15.87	15.87	17.50
		50	0	15.58	15.88	15.92	17.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	19.32	19.16	19.30	20.50
		1	38	19.33	19.31	19.49	20.50
		1	74	19.33	19.57	19.37	20.50
		36	0	18.21	18.19	18.27	19.50
		36	18	18.54	18.38	18.50	19.50
		36	39	18.19	18.39	18.77	19.50
		75	0	18.43	18.43	18.55	19.50
	16QAM	1	0	18.19	18.19	18.13	19.50
		1	38	17.81	18.07	18.27	19.50
		1	74	18.07	18.11	18.21	19.50
		36	0	16.89	16.83	16.79	18.50
		36	18	16.98	16.60	16.76	18.50
		36	39	16.76	16.82	16.80	18.50
		75	0	16.70	16.64	16.68	18.50
	64QAM	1	0	16.99	16.97	17.01	18.50
		1	38	17.11	16.89	17.03	18.50
		1	74	17.33	16.95	17.03	18.50
		36	0	16.06	15.96	16.02	17.50
		36	18	15.78	16.00	16.02	17.50
		36	39	16.03	16.01	15.77	17.50
		75	0	15.68	16.00	15.92	17.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	19.30	19.22	19.16	20.50
		1	50	19.40	19.25	19.36	20.50
		1	99	19.45	19.39	19.33	20.50
		50	0	18.29	18.31	18.15	19.50
		50	25	18.52	18.42	18.42	19.50
		50	50	18.29	18.45	18.45	19.50
		100	0	18.55	18.41	18.37	19.50
	16QAM	1	0	18.19	18.17	18.01	19.50
		1	50	17.85	18.03	18.15	19.50
		1	99	18.13	18.01	18.17	19.50
		50	0	16.81	16.83	16.89	18.50
		50	25	16.92	16.72	16.80	18.50

		50	50	16.80	16.90	16.80	18.50
		100	0	16.80	16.68	16.66	18.50
	64QAM	1	0	17.05	16.87	16.89	18.50
		1	50	17.01	16.95	17.01	18.50
		1	99	17.27	17.07	17.03	18.50
		50	0	15.96	15.92	15.96	17.50
		50	25	15.76	16.00	15.94	17.50
		50	50	15.99	16.05	15.81	17.50
		100	0	15.68	15.88	15.86	17.50
		LTE B12					
Full Power-ANT0			Maximum Output Power (dBm)			Tune-up	
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			
				23017/699.7	23095/707.5		23173/715.3
1.4MHz	QPSK	1	0	24.07	23.92	23.86	25.00
		1	2	24.09	23.83	23.84	25.00
		1	5	23.99	23.97	24.10	25.00
		3	0	24.01	23.87	23.80	25.00
		3	2	24.14	23.95	24.11	25.00
		3	3	23.95	23.83	23.88	25.00
		6	0	23.04	23.19	22.97	24.00
	16QAM	1	0	23.50	23.58	23.49	24.00
		1	2	23.46	23.44	23.53	24.00
		1	5	23.27	23.41	23.65	24.00
		3	0	22.80	22.80	23.03	24.00
		3	2	22.82	23.01	22.88	24.00
		3	3	23.21	22.83	22.86	24.00
		6	0	22.38	22.22	22.28	23.00
	64QAM	1	0	22.06	22.49	22.48	23.00
		1	2	22.26	22.33	22.35	23.00
		1	5	22.15	22.54	22.41	23.00
		3	0	22.15	22.19	21.87	23.00
		3	2	22.11	22.25	21.85	23.00
		3	3	22.25	21.86	22.03	23.00
		6	0	21.17	21.03	21.33	22.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	24.07	24.06	23.98	25.00
		1	7	24.07	23.97	24.08	25.00
		1	14	23.97	23.91	24.08	25.00
		8	0	22.91	23.05	23.06	24.00
		8	4	23.10	22.93	23.23	24.00
		8	7	23.19	23.23	23.28	24.00
		15	0	22.98	23.01	23.09	24.00

	16QAM	1	0	23.60	23.52	23.19	24.00
		1	7	23.48	23.42	23.39	24.00
		1	14	23.53	23.59	23.55	24.00
		8	0	22.14	22.22	22.09	23.00
		8	4	22.12	22.35	22.18	23.00
		8	7	22.07	22.35	21.96	23.00
		15	0	22.18	21.96	22.26	23.00
	64QAM	1	0	22.04	22.31	22.26	23.00
		1	7	22.10	22.39	22.31	23.00
		1	14	22.27	22.36	22.53	23.00
		8	0	20.93	21.15	21.07	22.00
		8	4	21.31	21.23	21.05	22.00
		8	7	21.11	21.00	21.23	22.00
		15	0	21.05	21.35	20.95	22.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	24.07	24.16	24.12	25.00
		1	13	23.81	24.05	23.98	25.00
		1	24	24.09	24.13	24.20	25.00
		12	0	23.07	23.19	23.16	24.00
		12	6	23.12	23.23	23.19	24.00
		12	13	23.23	23.13	23.12	24.00
		25	0	23.30	23.07	22.93	24.00
	16QAM	1	0	23.38	23.50	23.21	24.00
		1	13	23.18	23.26	23.39	24.00
		1	24	23.25	23.59	23.41	24.00
		12	0	22.10	22.06	22.21	23.00
		12	6	22.04	22.19	22.30	23.00
		12	13	22.03	22.29	22.10	23.00
		25	0	22.04	22.28	22.02	23.00
	64QAM	1	0	22.32	22.31	22.24	23.00
		1	13	22.22	22.25	22.27	23.00
		1	24	22.23	22.40	22.35	23.00
		12	0	21.13	21.11	21.01	22.00
		12	6	21.27	21.29	21.05	22.00
		12	13	21.05	21.10	21.09	22.00
		25	0	21.05	21.13	21.23	22.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	24.05	24.00	24.00	25.00
		1	25	23.89	23.99	23.96	25.00
		1	49	23.95	23.99	24.10	25.00
		25	0	23.05	23.05	23.06	24.00

SAR Test Report
Report No.: EFTA26040218-IE-03-S1V2

		25	13	23.12	23.11	23.11	24.00
		25	25	23.13	23.11	23.12	24.00
		50	0	23.14	23.11	23.05	24.00
	16QAM	1	0	23.40	23.38	23.33	24.00
		1	25	23.30	23.30	23.35	24.00
		1	49	23.33	23.43	23.43	24.00
		25	0	22.10	22.10	22.11	23.00
		25	13	22.12	22.17	22.18	23.00
		25	25	22.13	22.15	22.14	23.00
		50	0	22.16	22.14	22.06	23.00
	64QAM	1	0	22.22	22.25	22.28	23.00
		1	25	22.18	22.19	22.21	23.00
		1	49	22.25	22.42	22.35	23.00
		25	0	21.11	21.13	21.11	22.00
25		13	21.19	21.19	21.17	22.00	
25		25	21.17	21.16	21.17	22.00	
50		0	21.17	21.17	21.09	22.00	
LTE B13							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			
				23205/779.5	23230/782	23255/784.5	
5MHz	QPSK	1	0	24.19	24.17	24.23	25.00
		1	13	24.12	24.24	24.22	25.00
		1	24	24.09	24.01	24.23	25.00
		12	0	23.17	23.23	23.17	24.00
		12	6	23.28	23.28	23.44	24.00
		12	13	23.39	23.31	23.47	24.00
		25	0	23.45	23.19	23.45	24.00
	16QAM	1	0	23.55	23.43	23.43	24.00
		1	13	23.72	23.68	23.44	24.00
		1	24	23.43	23.69	23.61	24.00
		12	0	22.37	22.43	22.27	23.00
		12	6	22.33	22.19	22.39	23.00
		12	13	22.18	22.26	22.34	23.00
		25	0	22.24	22.26	22.36	23.00
	64QAM	1	0	22.39	22.35	22.49	23.00
		1	13	22.55	22.45	22.41	23.00
		1	24	22.51	22.65	22.65	23.00
		12	0	21.25	21.39	21.35	22.00
		12	6	21.50	21.36	21.24	22.00
		12	13	21.27	21.21	21.37	22.00
		25	0	21.38	21.38	21.42	22.00
Bandwidth	Modulation	RB	Offset	Channel/Frequency(MHz)			Tune-up

		Allocation		/	23230/782	/	
10MHz	QPSK	1	0	/	24.13	/	25.00
		1	25	/	24.14	/	25.00
		1	49	/	24.11	/	25.00
		25	0	/	23.27	/	24.00
		25	13	/	23.26	/	24.00
		25	25	/	23.31	/	24.00
		50	0	/	23.27	/	24.00
	16QAM	1	0	/	23.51	/	24.00
		1	25	/	23.54	/	24.00
		1	49	/	23.55	/	24.00
		25	0	/	22.27	/	23.00
		25	13	/	22.31	/	23.00
		25	25	/	22.30	/	23.00
		50	0	/	22.26	/	23.00
	64QAM	1	0	/	22.39	/	23.00
		1	25	/	22.39	/	23.00
		1	49	/	22.49	/	23.00
		25	0	/	21.29	/	22.00
		25	13	/	21.32	/	22.00
		25	25	/	21.33	/	22.00
		50	0	/	21.24	/	22.00
LTE B17							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.97	24.10	23.94	25.00
		1	13	24.13	24.20	24.19	25.00
		1	24	24.17	23.94	24.01	25.00
		12	0	23.25	23.37	23.40	24.00
		12	6	23.28	23.31	23.11	24.00
		12	13	23.14	23.25	23.36	24.00
		25	0	23.09	23.33	23.11	24.00
	16QAM	1	0	23.60	23.35	23.42	24.00
		1	13	23.62	23.51	23.48	24.00
		1	24	23.44	23.53	23.31	24.00
		12	0	22.11	22.35	22.35	23.00
		12	6	22.27	22.37	22.25	23.00
		12	13	22.23	22.44	22.28	23.00
		25	0	22.04	22.27	22.31	23.00
	64QAM	1	0	22.44	22.19	22.41	23.00
		1	13	22.44	22.34	22.41	23.00
		1	24	22.38	22.36	22.33	23.00

		12	0	21.31	21.20	21.30	22.00
		12	6	21.37	21.35	21.43	22.00
		12	13	21.38	21.32	21.49	22.00
		25	0	21.39	21.23	21.27	22.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	24.01	24.08	24.00	25.00
		1	25	24.07	24.04	24.09	25.00
		1	49	24.11	24.06	24.09	25.00
		25	0	23.19	23.21	23.24	24.00
		25	13	23.26	23.19	23.21	24.00
		25	25	23.20	23.25	23.22	24.00
		50	0	23.17	23.19	23.21	24.00
	16QAM	1	0	23.46	23.47	23.40	24.00
		1	25	23.44	23.43	23.44	24.00
		1	49	23.56	23.47	23.43	24.00
		25	0	22.17	22.23	22.25	23.00
		25	13	22.31	22.27	22.25	23.00
		25	25	22.23	22.26	22.20	23.00
		50	0	22.16	22.19	22.21	23.00
	64QAM	1	0	22.28	22.29	22.25	23.00
		1	25	22.34	22.36	22.27	23.00
		1	49	22.42	22.40	22.37	23.00
		25	0	21.23	21.26	21.28	22.00
		25	13	21.33	21.27	21.27	22.00
		25	25	21.28	21.28	21.31	22.00
		50	0	21.21	21.23	21.23	22.00
LTE B25							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			
				26047/1850.7	26365/1882.5	26683/1914.3	
1.4MHz	QPSK	1	0	20.87	20.69	20.77	22.00
		1	2	20.90	20.80	20.74	22.00
		1	5	20.90	20.84	20.74	22.00
		3	0	20.84	21.02	20.82	22.00
		3	2	20.73	20.93	20.93	22.00
		3	3	20.85	20.87	20.91	22.00
		6	0	20.10	19.94	19.88	21.00
	16QAM	1	0	20.47	20.25	20.37	21.00
		1	2	20.56	20.00	20.24	21.00
		1	5	19.96	20.06	20.32	21.00
		3	0	20.01	19.67	19.95	21.00
		3	2	20.11	19.87	19.89	21.00

		3	3	19.64	19.80	19.84	21.00
		6	0	18.93	18.83	18.87	20.00
	64QAM	1	0	19.13	18.97	18.81	20.00
		1	2	18.91	18.83	19.19	20.00
		1	5	19.14	18.82	19.22	20.00
		3	0	18.80	18.62	18.90	20.00
		3	2	19.04	18.94	18.70	20.00
		3	3	18.84	18.78	19.00	20.00
		6	0	17.87	17.79	18.29	19.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26055/1851.5	26365/1882.5	26675/1913.5	
3MHz	QPSK	1	0	20.61	20.89	21.07	22.00
		1	7	20.74	20.92	20.74	22.00
		1	14	20.60	20.84	20.96	22.00
		8	0	20.08	20.08	20.28	21.00
		8	4	20.07	20.05	20.25	21.00
		8	7	20.17	20.17	19.93	21.00
		15	0	19.60	20.14	19.82	21.00
	16QAM	1	0	19.99	20.13	20.33	21.00
		1	7	20.16	20.38	20.34	21.00
		1	14	20.00	20.04	20.14	21.00
		8	0	18.85	19.09	18.97	20.00
		8	4	19.01	18.67	18.81	20.00
		8	7	19.02	18.70	18.88	20.00
		15	0	19.17	19.13	19.03	20.00
	64QAM	1	0	19.05	18.99	18.95	20.00
		1	7	19.15	18.95	18.93	20.00
		1	14	18.98	19.04	18.72	20.00
		8	0	18.26	18.10	18.06	19.00
		8	4	18.32	17.86	17.86	19.00
		8	7	17.88	17.82	17.98	19.00
		15	0	18.01	18.03	17.85	19.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26065/1852.5	26365/1882.5	26665/1912.5	
5MHz	QPSK	1	0	20.77	21.01	21.03	22.00
		1	13	20.78	20.90	20.60	22.00
		1	24	20.72	20.78	20.76	22.00
		12	0	20.12	19.96	20.02	21.00
		12	6	20.09	20.03	19.95	21.00
		12	13	20.23	19.93	20.13	21.00
		25	0	19.86	20.12	19.80	21.00
	16QAM	1	0	20.35	20.19	20.43	21.00
		1	13	20.24	20.16	20.26	21.00

		1	24	19.92	19.96	20.34	21.00
		12	0	18.93	18.99	19.03	20.00
		12	6	18.97	18.89	18.77	20.00
		12	13	18.86	18.96	18.80	20.00
		25	0	19.17	18.83	18.91	20.00
	64QAM	1	0	19.11	18.83	18.95	20.00
		1	13	18.93	18.97	19.13	20.00
		1	24	18.88	18.98	19.08	20.00
		12	0	18.16	17.90	18.18	19.00
		12	6	18.12	17.94	18.08	19.00
		12	13	18.02	17.96	18.00	19.00
		25	0	17.77	18.01	18.05	19.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26090/1855	26365/1882.5	26640/1910	
10MHz	QPSK	1	0	20.65	20.87	20.95	22.00
		1	25	20.74	20.66	20.70	22.00
		1	49	20.62	20.68	20.66	22.00
		25	0	20.04	20.02	19.84	21.00
		25	13	20.09	19.91	19.99	21.00
		25	25	20.19	19.97	20.17	21.00
		50	0	19.92	19.92	19.72	21.00
	16QAM	1	0	20.31	20.35	20.21	21.00
		1	25	20.24	19.98	20.46	21.00
		1	49	19.74	20.14	20.20	21.00
		25	0	19.11	18.83	18.99	20.00
		25	13	19.15	18.91	19.07	20.00
		25	25	18.72	18.76	19.06	20.00
		50	0	19.09	18.81	19.07	20.00
	64QAM	1	0	19.01	18.97	18.97	20.00
		1	25	18.99	18.89	18.89	20.00
		1	49	19.08	19.12	18.98	20.00
		25	0	18.06	18.12	18.20	19.00
		25	13	18.06	18.08	18.08	19.00
		25	25	18.08	18.16	17.82	19.00
		50	0	17.95	17.95	17.99	19.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26115/1857.5	26365/1882.5	26615/1907.5	
15MHz	QPSK	1	0	20.75	20.73	20.97	22.00
		1	38	20.82	20.94	20.80	22.00
		1	74	20.84	20.88	20.88	22.00
		36	0	20.24	19.94	20.12	21.00
		36	18	20.03	19.91	20.19	21.00
		36	39	20.35	20.01	20.03	21.00

		75	0	19.80	20.10	19.84	21.00
	16QAM	1	0	20.23	20.13	20.31	21.00
		1	38	20.38	20.22	20.28	21.00
		1	74	20.04	20.04	20.28	21.00
		36	0	19.07	19.05	19.15	20.00
		36	18	19.19	18.89	18.75	20.00
		36	39	18.94	18.86	18.82	20.00
		75	0	19.01	19.07	18.93	20.00
		64QAM	1	0	19.13	19.05	18.93
	1		38	19.03	18.87	19.13	20.00
	1		74	19.14	18.94	18.96	20.00
	36		0	18.16	18.06	18.22	19.00
	36		18	18.28	18.04	18.00	19.00
	36		39	18.06	18.06	18.12	19.00
	75		0	18.03	17.93	18.09	19.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26140/1860	26365/1882.5	26590/1905	
20MHz	QPSK	1	0	20.73	20.85	20.87	22.00
		1	50	20.87	20.78	20.68	22.00
		1	99	20.66	20.80	20.82	22.00
		50	0	20.10	19.94	20.00	21.00
		50	25	20.01	19.97	20.03	21.00
		50	50	20.17	19.95	19.97	21.00
		100	0	19.90	19.98	19.86	21.00
	16QAM	1	0	20.23	20.25	20.39	21.00
		1	50	20.34	20.16	20.30	21.00
		1	99	19.92	20.06	20.18	21.00
		50	0	19.01	18.91	18.97	20.00
		50	25	19.03	18.89	18.87	20.00
		50	50	18.80	18.94	18.90	20.00
		100	0	19.09	18.89	18.97	20.00
	64QAM	1	0	19.05	18.91	18.83	20.00
		1	50	19.03	18.91	18.99	20.00
		1	99	18.98	18.92	18.98	20.00
		50	0	18.06	17.94	18.12	19.00
		50	25	18.14	17.92	18.02	19.00
		50	50	17.90	17.98	18.00	19.00
		100	0	17.85	17.89	18.05	19.00
LTE B26							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			
				26697/814.7	26740/819	26783/823.3	
1.4MHz	QPSK	1	0	23.36	23.08	23.36	24.50

		1	2	23.63	23.69	23.29	24.50
		1	5	23.10	23.48	23.60	24.50
		3	0	23.61	23.85	23.43	24.50
		3	2	23.20	23.42	23.68	24.50
		3	3	23.23	23.41	23.29	24.50
		6	0	22.72	22.36	22.48	23.50
	16QAM	1	0	23.05	22.99	23.07	23.50
		1	2	22.95	22.93	22.93	23.50
		1	5	22.71	22.55	22.89	23.50
		3	0	22.08	22.38	22.48	23.50
		3	2	22.96	22.42	22.46	23.50
		3	3	22.70	22.22	22.48	23.50
		6	0	21.44	21.62	21.98	22.50
	64QAM	1	0	21.55	21.75	21.91	22.50
		1	2	21.65	21.79	21.71	22.50
		1	5	22.08	21.96	21.86	22.50
		3	0	21.12	21.62	21.22	22.50
		3	2	21.27	21.75	21.51	22.50
		3	3	21.44	21.30	21.44	22.50
		6	0	20.75	20.35	20.23	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26705/815.5	26740/819	26775/822.5	
3MHz	QPSK	1	0	23.12	23.24	23.18	24.50
		1	7	23.37	23.61	23.03	24.50
		1	14	23.08	23.42	23.54	24.50
		8	0	22.73	22.67	22.55	23.50
		8	4	22.40	22.34	22.72	23.50
		8	7	22.49	22.71	22.49	23.50
		15	0	22.32	22.50	22.68	23.50
	16QAM	1	0	22.93	22.73	22.79	23.50
		1	7	23.11	22.81	22.67	23.50
		1	14	22.41	22.27	23.03	23.50
		8	0	21.24	21.40	21.80	22.50
		8	4	21.84	21.52	21.72	22.50
		8	7	21.68	21.42	21.58	22.50
		15	0	21.36	21.32	21.84	22.50
	64QAM	1	0	21.63	21.49	21.63	22.50
		1	7	21.75	21.61	21.91	22.50
		1	14	22.00	21.80	21.76	22.50
		8	0	20.40	20.62	20.56	21.50
		8	4	20.55	20.57	20.59	21.50
		8	7	20.64	20.38	20.64	21.50
		15	0	20.39	20.25	20.01	21.50

Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26715/816.5	26740/819	26765/821.5	
5MHz	QPSK	1	0	23.32	23.30	23.18	24.50
		1	13	23.33	23.65	23.27	24.50
		1	24	23.04	23.76	23.36	24.50
		12	0	22.59	22.75	22.77	23.50
		12	6	22.42	22.56	22.78	23.50
		12	13	22.63	22.59	22.57	23.50
		25	0	22.38	22.56	22.78	23.50
	16QAM	1	0	22.69	22.87	23.05	23.50
		1	13	23.23	23.11	22.85	23.50
		1	24	22.49	22.41	23.21	23.50
		12	0	21.38	21.30	21.74	22.50
		12	6	21.78	21.80	21.82	22.50
		12	13	21.68	21.30	21.82	22.50
		25	0	21.34	21.36	21.92	22.50
	64QAM	1	0	21.85	21.65	21.67	22.50
		1	13	21.81	21.61	21.87	22.50
		1	24	21.92	22.14	21.94	22.50
		12	0	20.24	20.86	20.56	21.50
		12	6	20.35	20.81	20.49	21.50
		12	13	20.60	20.32	20.86	21.50
		25	0	20.79	20.47	20.19	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				/	26740/819	/	
10MHz	QPSK	1	0	/	23.44	/	24.50
		1	25	/	23.35	/	24.50
		1	49	/	23.64	/	24.50
		25	0	/	22.77	/	23.50
		25	13	/	22.82	/	23.50
		25	25	/	22.69	/	23.50
		50	0	/	22.56	/	23.50
	16QAM	1	0	/	22.93	/	23.50
		1	25	/	22.79	/	23.50
		1	49	/	23.01	/	23.50
		25	0	/	21.66	/	22.50
		25	13	/	21.76	/	22.50
		25	25	/	21.76	/	22.50
		50	0	/	21.78	/	22.50
	64QAM	1	0	/	21.79	/	22.50
		1	25	/	21.99	/	22.50
		1	49	/	21.80	/	22.50
		25	0	/	20.42	/	21.50

		25	13	/	20.65	/	21.50
		25	25	/	20.76	/	21.50
		50	0	/	20.39	/	21.50
LTE B26							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			
				26797/824.7	26915/836.5	27033/848.3	
1.4MHz	QPSK	1	0	23.48	23.54	23.39	24.50
		1	2	23.37	23.50	23.21	24.50
		1	5	23.56	23.46	23.09	24.50
		3	0	23.57	23.16	23.29	24.50
		3	2	23.32	23.38	23.10	24.50
		3	3	23.51	23.30	23.18	24.50
		6	0	22.66	22.45	22.58	23.50
	16QAM	1	0	22.75	22.77	22.82	23.50
		1	2	22.63	22.46	22.69	23.50
		1	5	22.57	22.74	22.73	23.50
		3	0	22.18	22.12	22.30	23.50
		3	2	22.48	22.14	22.41	23.50
		3	3	22.48	22.40	22.37	23.50
		6	0	21.56	21.71	21.28	22.50
	64QAM	1	0	21.61	21.54	21.39	22.50
		1	2	21.85	21.81	21.32	22.50
		1	5	21.50	21.53	21.38	22.50
		3	0	21.56	21.50	21.15	22.50
		3	2	21.27	21.46	21.26	22.50
		3	3	21.38	21.53	21.44	22.50
		6	0	20.79	20.43	20.45	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26915/836.5	26915/836.5	27025/847.5	
3MHz	QPSK	1	0	23.32	23.28	23.27	24.50
		1	7	23.43	23.30	23.17	24.50
		1	14	23.28	23.26	23.21	24.50
		8	0	22.41	22.54	22.51	23.50
		8	4	22.68	22.54	22.50	23.50
		8	7	22.47	22.46	22.40	23.50
		15	0	22.48	22.61	22.30	23.50
	16QAM	1	0	22.87	22.61	22.62	23.50
		1	7	22.75	22.76	22.51	23.50
		1	14	22.59	22.74	22.45	23.50
		8	0	21.60	21.56	21.50	22.50
		8	4	21.64	21.48	21.47	22.50
		8	7	21.40	21.52	21.53	22.50

	64QAM	15	0	21.54	21.61	21.34	22.50
		1	0	21.61	21.74	21.43	22.50
		1	7	21.71	21.73	21.56	22.50
		1	14	21.70	21.69	21.52	22.50
		8	0	20.56	20.60	20.43	21.50
		8	4	20.53	20.54	20.32	21.50
		8	7	20.78	20.49	20.32	21.50
		15	0	20.65	20.59	20.51	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26815/826.5	26915/836.5	27015/846.5	
5MHz	QPSK	1	0	23.22	23.46	23.19	24.50
		1	13	23.39	23.08	23.21	24.50
		1	24	23.26	23.20	23.05	24.50
		12	0	22.37	22.46	22.45	23.50
		12	6	22.36	22.34	22.26	23.50
		12	13	22.39	22.56	22.28	23.50
		25	0	22.42	22.57	22.40	23.50
	16QAM	1	0	22.75	22.49	22.52	23.50
		1	13	22.77	22.60	22.55	23.50
		1	24	22.47	22.66	22.61	23.50
		12	0	21.56	21.34	21.34	22.50
		12	6	21.38	21.50	21.21	22.50
		12	13	21.58	21.30	21.17	22.50
		25	0	21.64	21.31	21.26	22.50
	64QAM	1	0	21.65	21.46	21.35	22.50
		1	13	21.67	21.43	21.42	22.50
		1	24	21.60	21.61	21.40	22.50
		12	0	20.42	20.32	20.43	21.50
		12	6	20.57	20.38	20.48	21.50
		12	13	20.54	20.57	20.32	21.50
		25	0	20.39	20.51	20.17	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26840/829	26915/836.5	26990/844	
10MHz	QPSK	1	0	23.32	23.44	23.13	24.50
		1	25	23.47	23.46	23.25	24.50
		1	49	23.48	23.38	23.27	24.50
		25	0	22.61	22.48	22.41	23.50
		25	13	22.44	22.52	22.32	23.50
		25	25	22.63	22.50	22.46	23.50
		50	0	22.48	22.49	22.32	23.50
	16QAM	1	0	22.91	22.71	22.76	23.50
		1	25	22.91	22.60	22.51	23.50
		1	49	22.67	22.72	22.53	23.50

SAR Test Report
Report No.: EFTA26040218-IE-03-S1V2

		25	0	21.58	21.54	21.52	22.50
		25	13	21.70	21.58	21.59	22.50
		25	25	21.68	21.52	21.33	22.50
		50	0	21.56	21.39	21.36	22.50
	64QAM	1	0	21.69	21.68	21.35	22.50
		1	25	21.75	21.73	21.34	22.50
		1	49	21.74	21.53	21.32	22.50
		25	0	20.54	20.66	20.41	21.50
		25	13	20.63	20.44	20.38	21.50
		25	25	20.72	20.39	20.58	21.50
		50	0	20.47	20.51	20.35	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				26865/831.5	26915/836.5	26965/841.5	
15MHz	QPSK	1	0	23.42	23.38	23.25	24.50
		1	38	23.37	23.28	23.23	24.50
		1	74	23.38	23.22	23.21	24.50
		36	0	22.49	22.42	22.35	23.50
		36	18	22.52	22.44	22.42	23.50
		36	39	22.53	22.46	22.38	23.50
		75	0	22.54	22.47	22.34	23.50
	16QAM	1	0	22.81	22.69	22.70	23.50
		1	38	22.73	22.62	22.59	23.50
		1	74	22.67	22.58	22.53	23.50
		36	0	21.50	21.40	21.36	22.50
		36	18	21.54	21.44	21.41	22.50
		36	39	21.50	21.44	21.37	22.50
		75	0	21.58	21.49	21.36	22.50
	64QAM	1	0	21.67	21.58	21.47	22.50
		1	38	21.69	21.59	21.42	22.50
		1	74	21.60	21.53	21.38	22.50
		36	0	20.50	20.48	20.37	21.50
		36	18	20.57	20.46	20.42	21.50
		36	39	20.64	20.49	20.42	21.50
		75	0	20.57	20.51	20.37	21.50

LTE B41

Full Power-ANT0				Maximum Output Power (dBm)					Tune-up
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)					
				39675/2498.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5	
5MHz	QPSK	1	0	23.35	23.11	22.95	22.28	22.05	24.00
		1	13	23.38	23.25	23.05	22.02	22.11	24.00
		1	24	23.06	23.03	22.81	22.21	22.17	24.00
		12	0	22.39	22.02	21.86	21.46	21.08	23.00

SAR Test Report
Report No.: EFTA26040218-IE-03-S1V2

		12	6	22.47	22.34	21.68	21.43	21.21	23.00
		12	13	22.36	22.17	21.93	21.21	21.20	23.00
		25	0	22.62	22.35	22.03	21.25	21.31	23.00
		1	0	22.59	22.14	21.95	21.43	21.16	23.00
		1	13	22.51	22.01	22.07	21.24	21.16	23.00
		1	24	22.40	22.02	22.07	21.29	21.25	23.00
		12	0	21.42	21.00	21.21	20.51	20.29	22.00
		12	6	21.51	21.15	21.01	20.35	20.20	22.00
		12	13	21.56	21.07	20.82	20.39	20.28	22.00
		25	0	21.32	21.32	20.94	20.27	20.23	22.00
	16QAM	1	0	21.18	20.55	20.56	20.22	20.09	22.00
		1	13	21.03	20.82	20.37	20.04	20.11	22.00
		1	24	21.24	20.74	20.36	20.26	19.99	22.00
		12	0	20.18	19.98	20.20	19.41	19.08	21.00
		12	6	20.41	20.25	20.07	19.45	19.14	21.00
		12	13	20.61	20.03	19.76	19.18	19.02	21.00
		25	0	20.60	20.45	19.91	19.35	19.31	21.00
	64QAM	1	0	21.18	20.55	20.56	20.22	20.09	22.00
		1	13	21.03	20.82	20.37	20.04	20.11	22.00
		1	24	21.24	20.74	20.36	20.26	19.99	22.00
		12	0	20.18	19.98	20.20	19.41	19.08	21.00
		12	6	20.41	20.25	20.07	19.45	19.14	21.00
		12	13	20.61	20.03	19.76	19.18	19.02	21.00
		25	0	20.60	20.45	19.91	19.35	19.31	21.00
		25	0	20.60	20.45	19.91	19.35	19.31	21.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)					Tune-up
				39700/2501	40160/2547	40620/2593	41080/2639	41540/2685	
10MHz	QPSK	1	0	23.25	22.97	22.75	22.24	22.25	24.00
		1	25	23.20	23.01	22.95	22.30	22.01	24.00
		1	49	23.00	23.01	22.67	22.19	22.09	24.00
		25	0	22.21	21.96	22.00	21.36	21.22	23.00
		25	13	22.47	22.12	21.86	21.57	21.33	23.00
		25	25	22.46	22.03	21.67	21.57	21.28	23.00
		50	0	22.44	22.33	21.69	21.41	21.23	23.00
		50	0	22.44	22.33	21.69	21.41	21.23	23.00
	16QAM	1	0	22.43	22.14	22.07	21.41	21.40	23.00
		1	25	22.25	22.23	21.77	21.46	21.18	23.00
		1	49	22.28	22.22	21.85	21.37	21.17	23.00
		25	0	21.34	21.08	21.07	20.35	20.37	22.00
		25	13	21.25	21.09	20.75	20.59	20.36	22.00
		25	25	21.52	21.21	20.98	20.43	20.32	22.00
		50	0	21.34	21.28	20.78	20.21	20.43	22.00
		50	0	21.34	21.28	20.78	20.21	20.43	22.00
	64QAM	1	0	20.88	20.57	20.66	20.52	20.11	22.00
		1	25	20.77	20.82	20.31	20.12	20.15	22.00
		1	49	20.94	20.78	20.56	20.20	20.19	22.00
		25	0	20.34	20.20	19.96	19.51	19.20	21.00
		25	13	20.55	20.31	19.81	19.33	19.38	21.00
		25	25	20.25	20.09	19.92	19.26	19.40	21.00
		50	0	20.30	20.31	19.81	19.49	19.11	21.00
		50	0	20.30	20.31	19.81	19.49	19.11	21.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)					Tune-up
				39725/2503.5	40173/2548.3	40620/2593	41068/2637.8	41515/2682.5	
15MHz	QPSK	1	0	23.21	23.27	23.09	22.44	22.37	24.00

SAR Test Report
Report No.: EFTA26040218-IE-03-S1V2

			1	38	23.32	22.97	23.01	22.24	22.31	24.00
			1	74	23.22	22.97	22.99	22.17	22.21	24.00
			36	0	22.53	22.18	22.00	21.50	21.16	23.00
			36	18	22.51	22.08	21.92	21.55	21.15	23.00
			36	39	22.54	22.35	21.81	21.25	21.20	23.00
			75	0	22.56	22.17	22.05	21.39	21.25	23.00
		16QAM	1	0	22.39	22.40	22.15	21.53	21.48	23.00
			1	38	22.29	22.23	21.89	21.42	21.16	23.00
			1	74	22.30	22.28	22.03	21.27	21.33	23.00
			36	0	21.36	21.26	20.95	20.35	20.29	22.00
			36	18	21.45	21.13	21.07	20.33	20.24	22.00
			36	39	21.40	21.11	20.80	20.27	20.32	22.00
			75	0	21.68	21.30	20.94	20.31	20.19	22.00
	64QAM		1	0	21.08	20.75	20.80	20.42	20.31	22.00
			1	38	21.15	20.86	20.65	20.14	20.05	22.00
			1	74	20.96	20.76	20.52	20.40	20.17	22.00
			36	0	20.24	20.16	20.12	19.33	19.12	21.00
			36	18	20.61	20.37	19.93	19.41	19.28	21.00
			36	39	20.47	20.17	19.88	19.30	19.24	21.00
			75	0	20.42	20.31	19.81	19.33	19.17	21.00
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)					Tune-up	
				39750/2506	40185/2549.5	40620/2593	41055/2636.5	41490/2680		
20MHz	QPSK		1	0	23.31	23.09	22.95	22.32	22.19	24.00
			1	50	23.22	23.03	22.85	22.16	22.13	24.00
			1	99	23.20	23.01	22.83	22.21	22.15	24.00
			50	0	22.39	22.14	22.00	21.40	21.14	23.00
			50	25	22.45	22.20	21.84	21.39	21.21	23.00
			50	50	22.42	22.19	21.85	21.35	21.20	23.00
			100	0	22.46	22.23	21.87	21.41	21.21	23.00
	16QAM		1	0	22.47	22.22	22.07	21.49	21.32	23.00
			1	50	22.35	22.13	21.93	21.28	21.14	23.00
			1	99	22.38	22.16	21.97	21.35	21.19	23.00
			50	0	21.40	21.16	20.99	20.41	20.19	22.00
			50	25	21.45	21.23	20.93	20.39	20.26	22.00
			50	50	21.46	21.19	20.88	20.39	20.18	22.00
			100	0	21.50	21.30	20.92	20.39	20.23	22.00
	64QAM		1	0	21.02	20.73	20.68	20.40	20.15	22.00
			1	50	20.97	20.78	20.47	20.24	20.03	22.00
			1	99	21.02	20.76	20.48	20.28	20.07	22.00
			50	0	20.36	20.14	20.00	19.39	19.16	21.00
			50	25	20.49	20.29	19.91	19.41	19.20	21.00
			50	50	20.43	20.21	19.86	19.36	19.18	21.00
			100	0	20.44	20.23	19.89	19.37	19.21	21.00

LTE B66							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	23.63	23.99	24.18	24.50
		1	2	23.58	23.91	23.93	24.50
		1	5	23.45	23.78	23.85	24.50
		3	0	23.46	23.48	23.58	24.50
		3	2	23.48	23.57	23.97	24.50
		3	3	23.49	23.61	23.82	24.50
		6	0	22.82	22.73	22.76	23.50
	16QAM	1	0	23.04	23.11	23.18	23.50
		1	2	23.03	23.31	23.06	23.50
		1	5	22.82	23.17	23.30	23.50
		3	0	22.60	22.49	22.85	23.50
		3	2	22.49	22.49	23.01	23.50
		3	3	22.73	22.76	22.66	23.50
		6	0	21.82	21.85	21.75	22.50
	64QAM	1	0	21.69	21.94	22.19	22.50
		1	2	21.75	22.15	22.17	22.50
		1	5	21.65	21.74	21.85	22.50
		3	0	21.52	21.80	21.93	22.50
		3	2	21.56	21.48	21.93	22.50
		3	3	21.62	21.67	21.89	22.50
		6	0	20.79	20.91	20.85	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				131987/1711.5	132322/1745	132657/1778.5	
3MHz	QPSK	1	0	23.71	23.81	23.94	24.50
		1	7	23.58	23.71	23.73	24.50
		1	14	23.53	23.70	23.87	24.50
		8	0	22.58	22.80	22.90	23.50
		8	4	22.84	22.67	23.03	23.50
		8	7	22.73	22.79	22.96	23.50
		15	0	22.82	22.61	23.04	23.50
	16QAM	1	0	23.06	22.95	23.22	23.50
		1	7	23.01	23.13	23.22	23.50
		1	14	22.86	23.09	23.06	23.50
		8	0	21.56	21.89	21.91	22.50
		8	4	21.73	21.69	21.89	22.50
		8	7	21.75	21.80	21.84	22.50
		15	0	21.60	21.87	21.89	22.50
	64QAM	1	0	21.87	21.90	21.97	22.50

		1	7	21.91	22.07	22.09	22.50
		1	14	21.73	21.98	22.03	22.50
		8	0	20.74	20.76	20.95	21.50
		8	4	20.74	20.90	20.91	21.50
		8	7	20.66	20.73	21.05	21.50
		15	0	20.73	20.73	21.07	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				131997/1712.5	132322/1745	132647/1777.5	
5MHz	QPSK	1	0	23.49	23.87	23.86	24.50
		1	13	23.50	23.61	23.87	24.50
		1	24	23.37	23.48	23.75	24.50
		12	0	22.64	22.78	22.84	23.50
		12	6	22.56	22.53	22.99	23.50
		12	13	22.69	22.81	22.78	23.50
		25	0	22.50	22.51	22.70	23.50
	16QAM	1	0	22.84	23.11	23.26	23.50
		1	13	22.91	22.93	23.14	23.50
		1	24	22.80	22.77	23.18	23.50
		12	0	21.52	21.57	21.93	22.50
		12	6	21.69	21.57	21.91	22.50
		12	13	21.63	21.68	21.82	22.50
		25	0	21.60	21.63	21.77	22.50
	64QAM	1	0	21.91	22.06	21.87	22.50
		1	13	21.89	21.95	21.79	22.50
		1	24	21.81	21.72	22.05	22.50
		12	0	20.48	20.82	20.83	21.50
		12	6	20.58	20.68	20.75	21.50
		12	13	20.70	20.85	20.71	21.50
		25	0	20.69	20.59	20.81	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				132022/1715	132322/1745	132622/1775	
10MHz	QPSK	1	0	23.75	23.73	23.94	24.50
		1	25	23.58	23.69	23.95	24.50
		1	49	23.33	23.86	23.71	24.50
		25	0	22.80	22.72	23.04	23.50
		25	13	22.58	22.81	23.01	23.50
		25	25	22.65	22.91	22.74	23.50
		50	0	22.86	22.85	22.82	23.50
	16QAM	1	0	22.76	22.87	23.20	23.50
		1	25	23.07	23.11	23.22	23.50
		1	49	22.70	22.93	23.16	23.50
		25	0	21.54	21.91	21.95	22.50
		25	13	21.63	21.83	21.83	22.50

		25	25	21.73	21.62	22.02	22.50
		50	0	21.74	21.93	22.01	22.50
	64QAM	1	0	22.01	21.92	22.17	22.50
		1	25	21.99	21.99	22.17	22.50
		1	49	21.81	21.90	22.19	22.50
		25	0	20.76	20.66	20.79	21.50
		25	13	20.62	20.82	21.09	21.50
		25	25	20.84	20.77	20.77	21.50
		50	0	20.89	20.81	21.03	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	23.61	23.75	24.02	24.50
		1	38	23.46	23.61	23.87	24.50
		1	74	23.61	23.78	23.91	24.50
		36	0	22.66	22.80	22.80	23.50
		36	18	22.66	22.71	22.97	23.50
		36	39	22.61	22.79	22.86	23.50
		75	0	22.74	22.59	23.06	23.50
	16QAM	1	0	22.94	22.99	23.10	23.50
		1	38	22.95	23.17	23.10	23.50
		1	74	22.96	23.05	23.24	23.50
		36	0	21.78	21.65	21.97	22.50
		36	18	21.69	21.59	21.91	22.50
		36	39	21.79	21.70	21.80	22.50
		75	0	21.62	21.89	22.05	22.50
	64QAM	1	0	22.03	21.98	22.09	22.50
		1	38	21.83	22.05	22.11	22.50
		1	74	21.71	21.88	22.07	22.50
		36	0	20.60	20.92	20.89	21.50
		36	18	20.62	20.74	21.07	21.50
		36	39	20.54	20.93	21.07	21.50
		75	0	20.69	20.73	20.95	21.50
Bandwidth	Modulation	RB Allocation	Offset	Channel/Frequency(MHz)			Tune-up
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	23.61	23.79	23.94	24.50
		1	50	23.54	23.67	23.81	24.50
		1	99	23.47	23.64	23.81	24.50
		50	0	22.64	22.72	22.86	23.50
		50	25	22.70	22.69	22.91	23.50
		50	50	22.67	22.75	22.88	23.50
		100	0	22.68	22.69	22.90	23.50
	16QAM	1	0	22.94	23.05	23.20	23.50
		1	50	22.91	23.13	23.06	23.50

SAR Test Report
Report No.: EFTA26040218-IE-03-S1V2

		1	99	22.84	22.93	23.08	23.50
		50	0	21.64	21.75	21.87	22.50
		50	25	21.71	21.71	21.93	22.50
		50	50	21.65	21.78	21.86	22.50
		100	0	21.68	21.71	21.91	22.50
	64QAM	1	0	21.85	22.00	22.07	22.50
		1	50	21.81	21.91	21.99	22.50
		1	99	21.81	21.84	21.97	22.50
		50	0	20.64	20.76	20.89	21.50
		50	25	20.72	20.76	20.93	21.50
		50	50	20.66	20.75	20.89	21.50
		100	0	20.71	20.71	20.93	21.50

9.4 NR Mode

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS 138.521-1 specification.

The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 and Table 6.2.2-2 and Table 6.2.2.3-2 of the 3GPP TS138.521-1.

Table 6.2.2.3-1: Maximum Power Reduction (MPR) for Power 3

Modulation	MPR (dB)		
	Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM PI/2 BPSK	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
	$\leq 0.5^2$		0^2
DFT-s-OFDM QPSK	≤ 1		0
DFT-s-OFDM 16 QAM	≤ 2		≤ 1
DFT-s-OFDM 64 QAM		≤ 2.5	
DFT-s-OFDM 256 QAM		≤ 4.5	
CP-OFDM QPSK	≤ 3		≤ 1.5
CP-OFDM 16 QAM	≤ 3		≤ 2
CP-OFDM 64 QAM		≤ 3.5	
CP-OFDM 256 QAM		≤ 6.5	
NOTE 1: Applicable for UE operating in TDD mode with PI/2 BPSK modulation and UE indicates support for UE capability <i>powerBoosting-pi2BPSK</i> and if the IE <i>powerBoostPi2BPSK</i> is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0dB MPR is 26dBm.			
NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 and if the IE <i>powerBoostPi2BPSK</i> is set to 0 and if more than 40% of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.			

EN-DC Configurations	
Test	Overridden
DC_12A_n41A	/
DC_25A_n41A	DC_2A_n41A
DC_26A_n41A	DC_5A_n41A
DC_66A_n41A	/
DC_5A_n77A	/
DC_7A_n77A	/
DC_12A_n77A	/
DC_13A_n77A	/
DC_25A_n77A	DC_2A_n77A
DC_66A_n77A	/
DC_7A_n78A	/
DC_12A_n78A	/
DC_13A_n78A	/
DC_25A_n78A	DC_2A_n78A
DC_66A_N78A	/
DC_26A_n78A	DC_5A_n78A

n2							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				370500/1852.5	376000/1880	381500/1907.5	
5MHz	DFT-s-OFDM BPSK	1	1	19.11	19.35	19.29	20.50
		1	23	19.45	19.33	19.25	20.50
		12	6	19.35	19.27	19.27	20.50
		25	0	19.31	19.23	19.57	20.50
	DFT-s-OFDM QPSK	1	1	19.26	19.24	19.36	20.50
		1	23	19.28	19.12	19.12	20.50
		12	6	19.12	19.16	19.40	20.50
		25	0	19.06	19.40	19.18	20.50
	DFT-s-OFDM 16QAM	1	1	19.31	19.19	19.27	20.50
	DFT-s-OFDM 64QAM	1	1	19.32	19.52	19.40	20.50
	DFT-s-OFDM 256QAM	1	1	18.31	18.39	18.27	19.50
	CP-OFDM QPSK	1	1	19.15	19.17	19.23	20.50
	CP-OFDM 16QAM	1	1	19.00	19.04	19.22	20.50
	CP-OFDM 64QAM	1	1	19.30	19.30	19.48	20.50
	CP-OFDM 256QAM	1	1	16.26	16.24	16.00	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				371000/1855	376000/1880	381000/1905	
10MHz	DFT-s-OFDM BPSK	1	1	19.19	19.43	19.17	20.50
		1	50	19.29	19.27	19.23	20.50
		25	12	19.43	19.21	19.09	20.50
		50	0	19.45	19.05	19.31	20.50
	DFT-s-OFDM QPSK	1	1	18.96	19.20	19.38	20.50
		1	50	19.50	19.18	19.04	20.50
		25	12	19.30	19.26	19.38	20.50
		50	0	19.02	19.10	19.00	20.50
	DFT-s-OFDM 16QAM	1	1	19.29	19.13	19.35	20.50
	DFT-s-OFDM 64QAM	1	1	19.32	19.38	19.28	20.50

	DFT-s-OFDM 256QAM	1	1	18.13	18.47	18.11	19.50
	CP-OFDM QPSK	1	1	19.25	19.35	19.07	20.50
	CP-OFDM 16QAM	1	1	19.06	19.18	19.18	20.50
	CP-OFDM 64QAM	1	1	19.18	19.54	19.32	20.50
	CP-OFDM 256QAM	1	1	16.10	16.02	15.82	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				371500/1857.5	376000/1880	380500/1902.5	
15MHz	DFT-s-OFDM BPSK	1	1	19.13	19.45	19.39	20.50
		1	77	19.27	19.15	19.33	20.50
		36	18	19.49	19.13	19.25	20.50
		75	0	19.13	19.31	19.49	20.50
	DFT-s-OFDM QPSK	1	1	19.08	19.34	19.46	20.50
		1	77	19.32	19.08	19.30	20.50
		36	18	19.24	19.16	19.34	20.50
		75	0	19.32	19.42	19.10	20.50
	DFT-s-OFDM 16QAM	1	1	19.05	19.17	19.33	20.50
	DFT-s-OFDM 64QAM	1	1	19.50	19.38	19.42	20.50
	DFT-s-OFDM 256QAM	1	1	18.37	18.39	18.45	19.50
	CP-OFDM QPSK	1	1	19.25	19.17	19.13	20.50
	CP-OFDM 16QAM	1	1	19.26	19.04	19.30	20.50
	CP-OFDM 64QAM	1	1	19.26	19.36	19.58	20.50
	CP-OFDM 256QAM	1	1	16.02	16.00	16.10	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				372000/1860	376000/1880	380000/1900	
20MHz	DFT-s-OFDM BPSK	1	1	19.19	19.31	19.35	20.50
		1	104	19.35	19.21	19.31	20.50
		50	25	19.43	19.25	19.27	20.50
		100	0	19.23	19.23	19.41	20.50
	DFT-s-OFDM QPSK	1	1	19.14	19.22	19.34	20.50
		1	104	19.30	19.16	19.12	20.50

		50	25	19.18	19.22	19.38	20.50
		100	0	19.14	19.24	19.18	20.50
	DFT-s-OFDM 16QAM	1	1	19.17	19.15	19.29	20.50
	DFT-s-OFDM 64QAM	1	1	19.42	19.50	19.44	20.50
	DFT-s-OFDM 256QAM	1	1	18.29	18.33	18.29	19.50
	CP-OFDM QPSK	1	1	19.13	19.13	19.11	20.50
	CP-OFDM 16QAM	1	1	19.10	19.04	19.16	20.50
	CP-OFDM 64QAM	1	1	19.34	19.40	19.40	20.50
	CP-OFDM 256QAM	1	1	16.14	16.10	16.00	17.50
n5							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				165300/826.5	167300/836.5	169300/846.5	
5MHz	DFT-s-OFDM BPSK	1	1	23.28	23.25	23.20	24.00
		1	23	23.22	23.15	22.93	24.00
		12	6	23.10	23.02	23.04	24.00
		25	0	22.91	22.84	23.02	23.50
	DFT-s-OFDM QPSK	1	1	23.22	23.16	23.27	24.00
		1	23	23.02	23.16	22.96	24.00
		12	6	23.16	23.13	23.14	24.00
		25	0	22.44	22.40	22.28	23.00
	DFT-s-OFDM 16QAM	1	1	22.68	22.81	22.82	23.00
	DFT-s-OFDM 64QAM	1	1	20.94	21.13	21.06	21.50
	DFT-s-OFDM 256QAM	1	1	18.99	18.96	18.88	19.50
	CP-OFDM QPSK	1	1	22.08	22.21	22.05	22.50
	CP-OFDM 16QAM	1	1	21.76	21.77	21.80	22.00
	CP-OFDM 64QAM	1	1	20.19	20.23	20.12	20.50
	CP-OFDM 256QAM	1	1	16.54	16.69	16.65	17.50

Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				165800/829	167300/836.5	168800/844	
10MHz	DFT-s-OFDM BPSK	1	1	23.08	23.27	23.22	24.00
		1	50	23.04	22.83	23.19	24.00
		25	12	23.14	23.12	22.96	24.00
		50	0	23.13	22.92	22.78	23.50
	DFT-s-OFDM QPSK	1	1	23.34	23.04	23.29	24.00
		1	50	22.98	22.90	22.84	24.00
		25	12	23.18	23.01	22.90	24.00
		50	0	22.52	22.62	22.24	23.00
	DFT-s-OFDM 16QAM	1	1	22.58	22.57	22.80	23.00
	DFT-s-OFDM 64QAM	1	1	21.12	21.07	21.20	21.50
	DFT-s-OFDM 256QAM	1	1	18.91	18.98	18.82	19.50
	CP-OFDM QPSK	1	1	21.84	21.95	22.17	22.50
	CP-OFDM 16QAM	1	1	21.70	21.63	21.68	22.00
	CP-OFDM 64QAM	1	1	20.29	20.25	20.26	20.50
	CP-OFDM 256QAM	1	1	16.60	16.87	16.85	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				166300/831.5	167300/836.5	168300/841.5	
15MHz	DFT-s-OFDM BPSK	1	1	23.28	23.15	23.20	24.00
		1	77	23.14	22.99	23.05	24.00
		36	18	23.20	23.10	23.06	24.00
		75	0	23.03	23.06	22.80	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.38	23.27	24.00
		1	77	23.16	23.18	22.90	24.00
		36	18	23.02	23.31	23.22	24.00
		75	0	22.44	22.58	22.28	23.00
	DFT-s-OFDM 16QAM	1	1	22.56	22.71	22.84	23.00
	DFT-s-OFDM 64QAM	1	1	21.14	20.93	21.00	21.50
	DFT-s-OFDM 256QAM	1	1	18.85	18.94	18.98	19.50
	CP-OFDM QPSK	1	1	21.94	21.97	21.99	22.50

	CP-OFDM 16QAM	1	1	21.86	21.99	21.68	22.00
	CP-OFDM 64QAM	1	1	20.05	20.27	20.28	20.50
	CP-OFDM 256QAM	1	1	16.62	16.83	16.77	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				166800/834	167300/836.5	167800/839	
20MHz	DFT-s-OFDM BPSK	1	1	23.16	23.25	23.20	24.00
		1	104	23.10	23.01	23.03	24.00
		50	25	23.06	23.10	23.08	24.00
		100	0	22.95	22.90	22.90	23.50
	DFT-s-OFDM QPSK	1	1	23.22	23.22	23.23	24.00
		1	104	23.06	23.06	23.00	24.00
		50	25	23.10	23.13	23.06	24.00
		100	0	22.40	22.40	22.38	23.00
	DFT-s-OFDM 16QAM	1	1	22.66	22.73	22.68	23.00
	DFT-s-OFDM 64QAM	1	1	21.00	21.05	21.04	21.50
	DFT-s-OFDM 256QAM	1	1	18.91	18.94	18.90	19.50
	CP-OFDM QPSK	1	1	22.00	22.05	21.95	22.50
	CP-OFDM 16QAM	1	1	21.76	21.81	21.80	22.00
	CP-OFDM 64QAM	1	1	20.09	20.13	20.10	20.50
	CP-OFDM 256QAM	1	1	16.64	16.73	16.69	17.50
n12							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				140300/701.5	141500/707.5	142700/713.5	
5MHz	DFT-s-OFDM BPSK	1	1	23.35	23.09	23.30	24.00
		1	23	23.13	23.02	22.84	24.00
		12	6	23.10	23.26	23.06	24.00
		25	0	23.11	22.69	23.03	23.50
	DFT-s-OFDM QPSK	1	1	23.52	23.26	23.10	24.00
		1	23	23.10	23.06	23.05	24.00
		12	6	23.35	22.94	22.96	24.00
		25	0	22.44	22.61	22.48	23.00

	DFT-s-OFDM 16QAM	1	1	22.74	22.82	22.90	23.00
	DFT-s-OFDM 64QAM	1	1	21.29	21.08	21.24	21.50
	DFT-s-OFDM 256QAM	1	1	18.84	19.11	18.98	19.50
	CP-OFDM QPSK	1	1	21.88	21.86	21.97	22.50
	CP-OFDM 16QAM	1	1	21.87	21.76	21.50	22.00
	CP-OFDM 64QAM	1	1	20.25	20.22	20.14	20.50
	CP-OFDM 256QAM	1	1	16.91	16.56	17.20	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				140800/704	141500/707.5	142200/711	
10MHz	DFT-s-OFDM BPSK	1	1	23.19	23.17	23.28	24.00
		1	50	23.21	23.14	23.04	24.00
		25	12	23.24	23.22	23.02	24.00
		50	0	22.93	22.91	22.83	23.50
	DFT-s-OFDM QPSK	1	1	23.24	23.48	23.12	24.00
		1	50	23.18	23.06	22.93	24.00
		25	12	23.25	23.04	23.16	24.00
		50	0	22.48	22.51	22.58	23.00
	DFT-s-OFDM 16QAM	1	1	22.80	22.82	22.80	23.00
	DFT-s-OFDM 64QAM	1	1	21.05	21.16	21.08	21.50
	DFT-s-OFDM 256QAM	1	1	18.82	18.91	19.00	19.50
	CP-OFDM QPSK	1	1	22.04	22.00	22.07	22.50
	CP-OFDM 16QAM	1	1	21.77	21.90	21.54	22.00
	CP-OFDM 64QAM	1	1	20.25	20.24	20.08	20.50
	CP-OFDM 256QAM	1	1	16.95	16.70	17.24	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				141300/706.5	141500/707.5	141700/708.5	
15MHz	DFT-s-OFDM BPSK	1	1	23.27	23.25	23.20	24.00
		1	77	23.05	23.00	23.02	24.00

		36	18	23.06	23.08	23.04	24.00
		75	0	22.93	22.87	22.85	23.50
	DFT-s-OFDM QPSK	1	1	23.30	23.30	23.24	24.00
		1	77	23.06	23.06	23.03	24.00
		36	18	23.15	23.10	23.08	24.00
		75	0	22.48	22.43	22.46	23.00
	DFT-s-OFDM 16QAM	1	1	22.76	22.70	22.90	23.00
	DFT-s-OFDM 64QAM	1	1	21.07	21.10	21.08	21.50
	DFT-s-OFDM 256QAM	1	1	18.94	18.95	19.10	19.50
	CP-OFDM QPSK	1	1	22.02	22.00	21.97	22.50
	CP-OFDM 16QAM	1	1	21.85	21.80	21.48	22.00
	CP-OFDM 64QAM	1	1	20.17	20.10	19.98	20.50
	CP-OFDM 256QAM	1	1	16.77	16.72	17.08	17.50
	n13						
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				155900/779.5	156400/782	156900/784.5	
5MHz	DFT-s-OFDM BPSK	1	1	23.28	23.30	23.42	24.50
		1	23	23.59	23.45	23.57	24.50
		12	6	23.55	23.31	23.35	24.50
		25	0	23.70	23.50	23.44	24.00
	DFT-s-OFDM QPSK	1	1	23.54	23.64	23.54	24.50
		1	23	23.61	23.49	23.73	24.50
		12	6	23.49	23.55	23.39	24.50
		25	0	23.16	23.24	23.16	23.50
	DFT-s-OFDM 16QAM	1	1	23.43	23.47	23.49	24.00
	DFT-s-OFDM 64QAM	1	1	22.73	22.49	22.69	23.00
	DFT-s-OFDM 256QAM	1	1	20.65	20.95	20.83	21.50
		CP-OFDM QPSK	1	1	22.10	22.10	22.16
	CP-OFDM 16QAM	1	1	21.87	21.59	21.61	22.50

	CP-OFDM 64QAM	1	1	20.25	20.29	20.05	21.00
	CP-OFDM 256QAM	1	1	17.32	17.48	17.52	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				/	156400/782	/	
10MHz	DFT-s-OFDM BPSK	1	1	/	23.40	/	24.50
		1	50	/	23.53	/	24.50
		25	12	/	23.43	/	24.50
		50	0	/	23.52	/	24.00
	DFT-s-OFDM QPSK	1	1	/	23.46	/	24.50
		1	50	/	23.55	/	24.50
		25	12	/	23.45	/	24.50
		50	0	/	23.06	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.55	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	22.61	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.77	/	21.50
	CP-OFDM QPSK	1	1	/	22.20	/	23.00
	CP-OFDM 16QAM	1	1	/	21.71	/	22.50
	CP-OFDM 64QAM	1	1	/	20.15	/	21.00
	CP-OFDM 256QAM	1	1	/	17.44	/	18.00
n25							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				370500/1852.5	376500/1882.5	382500/1912.5	
5MHz	DFT-s-OFDM BPSK	1	1	19.24	19.20	19.16	20.50
		1	23	19.50	19.56	19.74	20.50
		12	6	19.26	19.48	19.06	20.50
		25	0	19.50	19.42	18.78	20.50
	DFT-s-OFDM QPSK	1	1	19.24	19.08	19.54	20.50
		1	23	19.38	19.24	19.46	20.50
		12	6	19.30	19.68	19.36	20.50
		25	0	19.02	19.54	18.86	20.50
	DFT-s-OFDM 16QAM	1	1	19.24	19.10	18.84	20.50

	DFT-s-OFDM 64QAM	1	1	19.00	19.26	19.24	20.50
	DFT-s-OFDM 256QAM	1	1	18.42	18.42	18.07	19.50
	CP-OFDM QPSK	1	1	19.86	19.18	19.42	20.50
	CP-OFDM 16QAM	1	1	19.98	19.18	19.74	20.50
	CP-OFDM 64QAM	1	1	19.28	19.06	19.28	20.50
	CP-OFDM 256QAM	1	1	15.86	16.21	16.34	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				371000/1855	376500/1882.5	382000/1910	
10MHz	DFT-s-OFDM BPSK	1	1	19.16	19.16	18.88	20.50
		1	50	19.30	19.74	19.68	20.50
		25	12	19.06	19.22	18.94	20.50
		50	0	19.76	19.32	18.94	20.50
	DFT-s-OFDM QPSK	1	1	19.12	19.40	19.68	20.50
		1	50	19.42	19.54	19.38	20.50
		25	12	19.58	19.76	19.22	20.50
		50	0	19.28	19.52	18.94	20.50
	DFT-s-OFDM 16QAM	1	1	19.24	19.30	19.04	20.50
	DFT-s-OFDM 64QAM	1	1	18.96	19.28	19.32	20.50
	DFT-s-OFDM 256QAM	1	1	18.54	18.50	18.33	19.50
	CP-OFDM QPSK	1	1	19.70	19.14	19.62	20.50
	CP-OFDM 16QAM	1	1	19.58	19.08	19.66	20.50
	CP-OFDM 64QAM	1	1	19.50	19.18	19.24	20.50
	CP-OFDM 256QAM	1	1	15.88	16.29	16.14	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				371500/1857.5	376500/1882.5	38150/1907.5	
15MHz	DFT-s-OFDM BPSK	1	1	19.06	18.96	18.98	20.50
		1	77	19.40	19.52	19.68	20.50
		36	18	18.94	19.08	18.90	20.50
		75	0	19.66	19.50	19.12	20.50

	DFT-s-OFDM QPSK	1	1	18.88	19.26	19.78	20.50
		1	77	19.36	19.40	19.38	20.50
		36	18	19.40	19.82	19.36	20.50
		75	0	19.16	19.34	19.12	20.50
	DFT-s-OFDM 16QAM	1	1	19.12	19.42	19.28	20.50
	DFT-s-OFDM 64QAM	1	1	18.78	19.04	19.22	20.50
	DFT-s-OFDM 256QAM	1	1	18.60	18.40	18.05	19.50
	CP-OFDM QPSK	1	1	19.56	19.26	19.72	20.50
	CP-OFDM 16QAM	1	1	19.78	19.20	19.66	20.50
	CP-OFDM 64QAM	1	1	19.32	19.12	19.14	20.50
	CP-OFDM 256QAM	1	1	15.84	16.27	16.36	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				372000/1860	376500/1882.5	381000/1905	
20MHz	DFT-s-OFDM BPSK	1	1	19.20	19.24	19.08	20.50
		1	104	19.40	19.68	19.64	20.50
		50	25	19.24	19.44	19.08	20.50
		100	0	19.72	19.42	18.98	20.50
	DFT-s-OFDM QPSK	1	1	19.12	19.20	19.68	20.50
		1	104	19.58	19.44	19.62	20.50
		50	25	19.50	19.74	19.22	20.50
		100	0	19.20	19.44	18.90	20.50
	DFT-s-OFDM 16QAM	1	1	19.24	19.26	18.94	20.50
	DFT-s-OFDM 64QAM	1	1	18.86	19.40	19.32	20.50
	DFT-s-OFDM 256QAM	1	1	18.56	18.42	18.17	19.50
	CP-OFDM QPSK	1	1	19.88	19.12	19.64	20.50
	CP-OFDM 16QAM	1	1	19.86	19.26	19.60	20.50
	CP-OFDM 64QAM	1	1	19.50	18.92	19.26	20.50
	CP-OFDM 256QAM	1	1	15.86	16.41	16.30	17.50

n26							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				163300/816.5	163800/819	164300/821.5	
5MHz	DFT-s-OFDM BPSK	1	1	23.23	23.39	23.17	24.00
		1	23	23.22	23.36	23.40	24.00
		12	6	23.16	23.26	23.12	24.00
		25	0	22.94	22.96	22.88	23.50
	DFT-s-OFDM QPSK	1	1	23.39	23.45	23.41	24.00
		1	23	23.11	23.33	23.09	24.00
		12	6	23.05	23.07	23.07	24.00
		25	0	22.40	22.58	22.32	23.00
	DFT-s-OFDM 16QAM	1	1	22.61	22.63	22.63	23.00
	DFT-s-OFDM 64QAM	1	1	20.96	21.20	21.00	21.50
	DFT-s-OFDM 256QAM	1	1	19.16	19.24	19.14	20.00
	CP-OFDM QPSK	1	1	22.11	21.87	22.03	22.50
	CP-OFDM 16QAM	1	1	21.22	21.30	21.24	22.00
	CP-OFDM 64QAM	1	1	19.90	19.94	19.88	20.50
CP-OFDM 256QAM	1	1	17.12	17.24	17.10	17.50	
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				/	163800/819	/	
10MHz	DFT-s-OFDM BPSK	1	1	/	23.25	/	24.00
		1	50	/	23.30	/	24.00
		25	12	/	23.14	/	24.00
		50	0	/	22.96	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.31	/	24.00
		1	50	/	23.19	/	24.00
		25	12	/	23.11	/	24.00
		50	0	/	22.44	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.47	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	21.06	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	19.14	/	20.00

	CP-OFDM QPSK	1	1	/	21.97	/	22.50
	CP-OFDM 16QAM	1	1	/	21.32	/	22.00
	CP-OFDM 64QAM	1	1	/	20.00	/	20.50
	CP-OFDM 256QAM	1	1	/	17.08	/	17.50
n26							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				165300/826.5	167300/836.5	169300/846.5	
5MHz	DFT-s-OFDM BPSK	1	1	23.34	23.37	23.34	24.00
		1	23	23.12	22.99	23.12	24.00
		12	6	23.12	23.32	23.33	24.00
		25	0	22.98	22.96	22.88	23.50
	DFT-s-OFDM QPSK	1	1	23.42	23.47	23.15	24.00
		1	23	23.19	23.11	22.97	24.00
		12	6	23.35	23.20	23.08	24.00
		25	0	22.69	22.56	22.58	23.00
	DFT-s-OFDM 16QAM	1	1	22.51	22.37	22.71	23.00
	DFT-s-OFDM 64QAM	1	1	20.95	21.22	21.06	21.50
	DFT-s-OFDM 256QAM	1	1	19.16	19.30	19.21	20.00
	CP-OFDM QPSK	1	1	21.93	22.10	22.06	22.50
	CP-OFDM 16QAM	1	1	21.32	21.55	21.55	22.00
	CP-OFDM 64QAM	1	1	19.93	20.07	20.22	20.50
CP-OFDM 256QAM	1	1	17.05	16.94	17.10	17.50	
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				165800/829	167300/836.5	168800/844	
10MHz	DFT-s-OFDM BPSK	1	1	23.30	23.15	23.30	24.00
		1	50	22.94	22.91	22.90	24.00
		25	12	23.14	23.08	23.19	24.00
		50	0	23.12	23.14	23.04	23.50
	DFT-s-OFDM QPSK	1	1	23.34	23.35	23.31	24.00
		1	50	23.19	23.21	23.17	24.00
		25	12	23.07	23.28	23.18	24.00

		50	0	22.79	22.64	22.74	23.00
	DFT-s-OFDM 16QAM	1	1	22.65	22.37	22.73	23.00
	DFT-s-OFDM 64QAM	1	1	21.07	20.92	21.10	21.50
	DFT-s-OFDM 256QAM	1	1	19.10	19.38	19.39	20.00
	CP-OFDM QPSK	1	1	22.11	22.06	22.04	22.50
	CP-OFDM 16QAM	1	1	21.32	21.43	21.63	22.00
	CP-OFDM 64QAM	1	1	20.05	20.35	20.26	20.50
	CP-OFDM 256QAM	1	1	17.23	16.94	16.90	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				166300/831.5	167300/836.5	168300/841.5	
15MHz	DFT-s-OFDM BPSK	1	1	23.38	23.35	23.20	24.00
		1	77	23.00	23.09	22.98	24.00
		36	18	23.08	23.08	23.13	24.00
		75	0	23.06	22.98	22.88	23.50
	DFT-s-OFDM QPSK	1	1	23.30	23.53	23.37	24.00
		1	77	23.27	23.01	23.03	24.00
		36	18	23.19	23.12	23.02	24.00
		75	0	22.73	22.48	22.64	23.00
	DFT-s-OFDM 16QAM	1	1	22.59	22.63	22.67	23.00
	DFT-s-OFDM 64QAM	1	1	21.23	21.22	21.10	21.50
	DFT-s-OFDM 256QAM	1	1	19.08	19.46	19.31	20.00
	CP-OFDM QPSK	1	1	21.95	22.16	21.96	22.50
	CP-OFDM 16QAM	1	1	21.34	21.57	21.61	22.00
	CP-OFDM 64QAM	1	1	20.05	20.09	20.00	20.50
	CP-OFDM 256QAM	1	1	16.93	17.10	17.26	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				166800/834	167300/836.5	167800/839	
20MHz	DFT-s-OFDM	1	1	23.30	23.31	23.28	24.00

	BPSK	1	104	23.10	23.05	23.06	24.00
		50	25	23.20	23.16	23.17	24.00
		100	0	23.02	23.00	22.96	23.50
	DFT-s-OFDM QPSK	1	1	23.32	23.35	23.25	24.00
		1	104	23.13	23.11	23.03	24.00
		50	25	23.25	23.18	23.10	24.00
		100	0	22.59	22.54	22.54	23.00
	DFT-s-OFDM 16QAM	1	1	22.45	22.45	22.63	23.00
	DFT-s-OFDM 64QAM	1	1	21.05	21.08	21.12	21.50
	DFT-s-OFDM 256QAM	1	1	19.20	19.32	19.23	20.00
	CP-OFDM QPSK	1	1	21.99	22.04	21.98	22.50
	CP-OFDM 16QAM	1	1	21.42	21.49	21.43	22.00
	CP-OFDM 64QAM	1	1	20.03	20.13	20.06	20.50
	CP-OFDM 256QAM	1	1	17.03	17.02	17.08	17.50
n30							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				461500/2307.5	462000/2310	2312.5/462500	
5MHz	DFT-s-OFDM BPSK	1	1	21.87	21.99	21.85	23.00
		1	23	21.82	21.88	21.84	23.00
		12	6	21.74	21.90	21.66	23.00
		25	0	21.56	21.58	21.70	23.00
	DFT-s-OFDM QPSK	1	1	22.00	21.96	21.72	23.00
		1	23	21.91	21.83	21.95	23.00
		12	6	21.75	21.91	21.75	23.00
		25	0	21.77	21.71	21.65	23.00
	DFT-s-OFDM 16QAM	1	1	21.83	21.95	21.97	23.00
	DFT-s-OFDM 64QAM	1	1	20.56	20.66	20.60	21.50
	DFT-s-OFDM 256QAM	1	1	18.27	18.53	18.29	19.50
	CP-OFDM QPSK	1	1	21.14	21.10	21.16	22.50

	CP-OFDM 16QAM	1	1	20.73	20.69	20.73	22.00
	CP-OFDM 64QAM	1	1	19.27	19.03	19.25	20.50
	CP-OFDM 256QAM	1	1	15.95	15.75	15.79	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				/	462000/2310	/	
10MHz	DFT-s-OFDM BPSK	1	1	/	21.91	/	23.00
		1	50	/	21.84	/	23.00
		25	12	/	21.72	/	23.00
		50	0	/	21.68	/	23.00
	DFT-s-OFDM QPSK	1	1	/	21.83	/	23.00
		1	50	/	21.83	/	23.00
		25	12	/	21.75	/	23.00
		50	0	/	21.73	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.95	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.60	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	18.35	/	19.50
	CP-OFDM QPSK	1	1	/	21.18	/	22.50
	CP-OFDM 16QAM	1	1	/	20.65	/	22.00
	CP-OFDM 64QAM	1	1	/	19.15	/	20.50
	CP-OFDM 256QAM	1	1	/	15.87	/	17.50
n38							
Full Power-ANT1				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				516000/2580	519000/2595	522000/2610	
20MHz	DFT-s-OFDM BPSK	1	1	19.52	19.26	19.40	21.00
		1	49	19.54	19.30	19.54	21.00
		25	12	19.44	19.66	19.52	21.00
		50	0	20.00	19.64	19.64	21.00
	DFT-s-OFDM QPSK	1	1	19.56	19.38	19.60	21.00
		1	49	19.48	19.46	19.40	21.00
		25	12	19.40	19.42	19.46	21.00
		50	0	19.40	19.60	19.56	21.00

	DFT-s-OFDM 16QAM	1	1	19.86	19.68	19.68	21.00
	DFT-s-OFDM 64QAM	1	1	19.38	19.24	19.42	21.00
	DFT-s-OFDM 256QAM	1	1	19.76	19.60	19.74	21.00
	CP-OFDM QPSK	1	1	19.74	19.70	19.68	21.00
	CP-OFDM 16QAM	1	1	19.56	19.64	19.26	21.00
	CP-OFDM 64QAM	1	1	19.50	19.54	19.38	21.00
	CP-OFDM 256QAM	1	1	17.10	17.35	17.08	18.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				517000/2585	519000/2595	521000/2605	
30MHz	DFT-s-OFDM BPSK	1	1	19.60	19.60	19.38	21.00
		1	76	19.56	19.36	19.88	21.00
		36	18	19.44	19.50	19.50	21.00
		75	0	19.84	19.90	19.62	21.00
	DFT-s-OFDM QPSK	1	1	19.66	19.62	19.58	21.00
		1	76	19.70	19.48	19.64	21.00
		36	18	19.72	19.38	19.72	21.00
		75	0	19.60	19.66	19.68	21.00
	DFT-s-OFDM 16QAM	1	1	19.58	19.58	19.70	21.00
	DFT-s-OFDM 64QAM	1	1	19.42	19.46	19.36	21.00
	DFT-s-OFDM 256QAM	1	1	19.50	19.72	19.60	21.00
	CP-OFDM QPSK	1	1	19.70	19.42	19.76	21.00
	CP-OFDM 16QAM	1	1	19.68	19.72	19.56	21.00
	CP-OFDM 64QAM	1	1	19.58	19.48	19.38	21.00
	CP-OFDM 256QAM	1	1	17.30	17.39	17.18	18.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				518000/2590	519000/2595	520000/2600	
40MHz	DFT-s-OFDM BPSK	1	1	19.48	19.42	19.46	21.00
		1	104	19.64	19.48	19.70	21.00

		50	25	19.48	19.54	19.48	21.00
		100	0	19.82	19.74	19.50	21.00
	DFT-s-OFDM QPSK	1	1	19.68	19.46	19.54	21.00
		1	104	19.64	19.52	19.46	21.00
		50	25	19.54	19.44	19.62	21.00
		100	0	19.52	19.70	19.56	21.00
	DFT-s-OFDM 16QAM	1	1	19.68	19.66	19.72	21.00
	DFT-s-OFDM 64QAM	1	1	19.44	19.34	19.34	21.00
	DFT-s-OFDM 256QAM	1	1	19.56	19.56	19.62	21.00
	CP-OFDM QPSK	1	1	19.58	19.52	19.82	21.00
	CP-OFDM 16QAM	1	1	19.74	19.82	19.38	21.00
	CP-OFDM 64QAM	1	1	19.60	19.42	19.46	21.00
	CP-OFDM 256QAM	1	1	17.18	17.33	17.18	18.50
n41							
Full Power-ANT1				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				501204/2506.2	518598/2592.99	535998/2679.99	
20MHz	DFT-s-OFDM BPSK	1	1	20.29	20.23	20.53	21.50
		1	49	21.00	20.62	20.66	21.50
		25	12	20.62	20.82	20.84	21.50
		50	0	20.25	20.71	20.61	21.50
	DFT-s-OFDM QPSK	1	1	20.84	20.30	20.54	21.50
		1	49	20.78	20.90	20.48	21.50
		25	12	20.57	20.75	20.53	21.50
		50	0	20.72	21.04	20.72	21.50
	DFT-s-OFDM 16QAM	1	1	20.56	20.44	20.88	21.50
	DFT-s-OFDM 64QAM	1	1	20.09	20.89	20.19	21.50
	DFT-s-OFDM 256QAM	1	1	19.58	19.48	19.62	20.50
	CP-OFDM QPSK	1	1	20.41	19.95	20.63	21.50
	CP-OFDM 16QAM	1	1	20.42	20.20	19.98	21.50

	CP-OFDM 64QAM	1	1	20.75	20.13	20.49	21.50
	CP-OFDM 256QAM	1	1	17.41	17.35	17.13	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				502200/2511	518598/2592.99	534996/2674.98	
30MHz	DFT-s-OFDM BPSK	1	1	20.39	20.25	20.31	21.50
		1	76	20.98	20.92	20.88	21.50
		36	18	20.70	20.74	20.96	21.50
		75	0	20.47	20.65	20.63	21.50
	DFT-s-OFDM QPSK	1	1	20.88	20.52	20.22	21.50
		1	76	20.84	20.98	20.70	21.50
		36	18	20.57	20.89	20.61	21.50
		75	0	20.66	20.84	20.50	21.50
	DFT-s-OFDM 16QAM	1	1	20.44	20.48	20.92	21.50
	DFT-s-OFDM 64QAM	1	1	20.23	20.65	20.39	21.50
	DFT-s-OFDM 256QAM	1	1	19.54	19.48	19.78	20.50
	CP-OFDM QPSK	1	1	20.57	20.19	20.39	21.50
	CP-OFDM 16QAM	1	1	20.14	20.22	20.08	21.50
	CP-OFDM 64QAM	1	1	20.65	20.05	20.59	21.50
	CP-OFDM 256QAM	1	1	17.39	17.23	17.07	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				503202/2516.01	518598/2592.99	534000/2670	
40MHz	DFT-s-OFDM BPSK	1	1	20.21	20.47	20.39	21.50
		1	104	20.96	20.70	20.76	21.50
		50	25	20.90	20.94	20.70	21.50
		100	0	20.19	20.85	20.71	21.50
	DFT-s-OFDM QPSK	1	1	20.74	20.32	20.42	21.50
		1	104	21.14	20.82	20.64	21.50
		50	25	20.35	20.91	20.37	21.50
		100	0	20.82	20.96	20.50	21.50
	DFT-s-OFDM 16QAM	1	1	20.60	20.62	20.60	21.50
	DFT-s-OFDM 64QAM	1	1	20.01	20.91	20.37	21.50

	DFT-s-OFDM 256QAM	1	1	19.50	19.24	19.86	20.50
	CP-OFDM QPSK	1	1	20.31	20.19	20.69	21.50
	CP-OFDM 16QAM	1	1	20.42	20.40	19.80	21.50
	CP-OFDM 64QAM	1	1	20.65	19.97	20.57	21.50
	CP-OFDM 256QAM	1	1	17.05	17.07	17.15	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				504204/2521.02	518598/2592.99	532998/2664.99	
50MHz	DFT-s-OFDM BPSK	1	1	20.19	20.37	20.37	21.50
		1	131	20.94	20.82	20.78	21.50
		64	32	20.84	20.76	21.00	21.50
		128	0	20.23	20.83	20.69	21.50
	DFT-s-OFDM QPSK	1	1	20.76	20.54	20.42	21.50
		1	131	20.90	21.04	20.44	21.50
		64	32	20.55	20.85	20.43	21.50
		128	0	20.76	20.92	20.58	21.50
	DFT-s-OFDM 16QAM	1	1	20.44	20.52	20.84	21.50
	DFT-s-OFDM 64QAM	1	1	20.09	20.83	20.33	21.50
	DFT-s-OFDM 256QAM	1	1	19.48	19.32	19.78	20.50
	CP-OFDM QPSK	1	1	20.53	20.17	20.59	21.50
	CP-OFDM 16QAM	1	1	20.32	20.26	19.94	21.50
	CP-OFDM 64QAM	1	1	20.67	20.13	20.47	21.50
	CP-OFDM 256QAM	1	1	17.35	17.23	17.19	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				505200/2526	518598/2595.99	531996/2659.98	
60MHz	DFT-s-OFDM BPSK	1	1	20.25	20.27	20.29	21.50
		1	160	20.90	20.78	20.84	21.50
		81	40	20.78	20.72	20.88	21.50
		162	0	20.31	20.71	20.67	21.50
	DFT-s-OFDM QPSK	1	1	20.86	20.48	20.28	21.50
		1	160	20.92	20.94	20.54	21.50

		81	40	20.53	20.79	20.45	21.50
		162	0	20.60	20.84	20.40	21.50
	DFT-s-OFDM 16QAM	1	1	20.48	20.44	20.76	21.50
	DFT-s-OFDM 64QAM	1	1	20.17	20.69	20.43	21.50
	DFT-s-OFDM 256QAM	1	1	19.38	19.42	19.66	20.50
	CP-OFDM QPSK	1	1	20.47	20.23	20.49	21.50
	CP-OFDM 16QAM	1	1	20.22	20.20	19.94	21.50
	CP-OFDM 64QAM	1	1	20.49	20.05	20.43	21.50
	CP-OFDM 256QAM	1	1	17.23	17.07	17.17	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				507204/2536.02	518598/2595.99	529998/2649.99	
80MHz	DFT-s-OFDM BPSK	1	1	20.45	20.55	20.41	21.50
		1	215	20.78	20.70	20.70	21.50
		108	54	20.64	20.72	20.90	21.50
		216	0	20.55	20.65	20.69	21.50
	DFT-s-OFDM QPSK	1	1	20.60	20.50	20.42	21.50
		1	215	20.84	20.66	20.76	21.50
		108	54	20.75	20.67	20.79	21.50
		216	0	20.68	20.50	20.54	21.50
	DFT-s-OFDM 16QAM	1	1	20.68	20.68	20.70	21.50
	DFT-s-OFDM 64QAM	1	1	20.57	20.59	20.49	21.50
	DFT-s-OFDM 256QAM	1	1	19.46	19.54	19.36	20.50
	CP-OFDM QPSK	1	1	20.25	20.33	20.37	21.50
	CP-OFDM 16QAM	1	1	20.34	20.30	20.18	21.50
	CP-OFDM 64QAM	1	1	20.43	20.45	20.53	21.50
	CP-OFDM 256QAM	1	1	17.31	17.17	17.17	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				508200/2541	518598/2595.99	528996/2644.98	

90MHz	DFT-s-OFDM BPSK	1	1	20.53	20.53	20.35	21.50
		1	243	20.58	20.86	20.72	21.50
		120	60	20.80	20.72	20.88	21.50
		243	0	20.47	20.61	20.75	21.50
	DFT-s-OFDM QPSK	1	1	20.52	20.58	20.48	21.50
		1	243	20.66	20.82	20.52	21.50
		120	60	20.69	20.83	20.61	21.50
		243	0	20.62	20.58	20.72	21.50
	DFT-s-OFDM 16QAM	1	1	20.48	20.64	20.66	21.50
	DFT-s-OFDM 64QAM	1	1	20.71	20.57	20.47	21.50
	DFT-s-OFDM 256QAM	1	1	19.70	19.40	19.52	20.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				509202/2546.01	518598/2592.99	528000/2640	
100MHz	DFT-s-OFDM BPSK	1	1	20.27	20.51	20.47	21.50
		1	271	20.74	20.88	20.84	21.50
		135	67	20.68	20.68	20.90	21.50
		270	0	20.55	20.77	20.55	21.50
	DFT-s-OFDM QPSK	1	1	20.70	20.52	20.28	21.50
		1	271	20.78	20.78	20.70	21.50
		135	67	20.53	20.73	20.55	21.50
		270	0	20.50	20.76	20.50	21.50
	DFT-s-OFDM 16QAM	1	1	20.50	20.66	20.62	21.50
	DFT-s-OFDM 64QAM	1	1	20.41	20.65	20.51	21.50
	DFT-s-OFDM 256QAM	1	1	19.44	19.34	19.54	20.50
	CP-OFDM QPSK	1	1	20.49	20.39	20.37	21.50
	CP-OFDM 16QAM	1	1	20.46	20.44	20.16	21.50

	CP-OFDM 64QAM	1	1	20.41	20.25	20.63	21.50
	CP-OFDM 256QAM	1	1	17.25	17.27	17.31	18.00
n66							
Full Power-ANT0				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				342500/1712.5	349000/1745	355500/1777.5	
5MHz	DFT-s-OFDM BPSK	1	1	22.18	21.72	22.12	23.00
		1	23	21.78	21.92	21.94	23.00
		12	6	21.92	21.84	22.04	23.00
		25	0	21.60	21.72	21.90	23.00
	DFT-s-OFDM QPSK	1	1	21.98	22.28	22.02	23.00
		1	23	22.02	21.90	22.31	23.00
		12	6	21.92	22.04	22.12	23.00
		25	0	21.92	22.24	22.02	23.00
	DFT-s-OFDM 16QAM	1	1	21.72	22.18	22.02	23.00
	DFT-s-OFDM 64QAM	1	1	20.46	20.50	20.63	21.50
	DFT-s-OFDM 256QAM	1	1	18.64	18.63	18.78	19.50
	CP-OFDM QPSK	1	1	22.38	22.10	21.84	22.50
	CP-OFDM 16QAM	1	1	21.12	20.56	20.47	22.00
	CP-OFDM 64QAM	1	1	19.64	19.40	19.37	20.50
	CP-OFDM 256QAM	1	1	16.45	16.52	16.38	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				343000/1715	349000/1745	355000/1775	
10MHz	DFT-s-OFDM BPSK	1	1	22.12	21.72	22.22	23.00
		1	50	21.98	21.80	21.90	23.00
		25	12	21.76	21.90	21.78	23.00
		50	0	21.64	22.00	21.70	23.00
	DFT-s-OFDM QPSK	1	1	21.76	22.34	22.34	23.00
		1	50	21.92	22.04	22.41	23.00
		25	12	21.78	22.30	21.90	23.00
		50	0	21.86	21.94	22.22	23.00
	DFT-s-OFDM 16QAM	1	1	22.04	22.26	22.08	23.00

	DFT-s-OFDM 64QAM	1	1	20.62	20.68	20.73	21.50
	DFT-s-OFDM 256QAM	1	1	18.60	18.35	18.84	19.50
	CP-OFDM QPSK	1	1	22.12	21.86	21.82	22.50
	CP-OFDM 16QAM	1	1	20.92	20.78	20.63	22.00
	CP-OFDM 64QAM	1	1	19.44	19.54	19.15	20.50
	CP-OFDM 256QAM	1	1	16.39	16.50	16.56	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				343500/1717.5	349000/1745	354500/1772.5	
15MHz	DFT-s-OFDM BPSK	1	1	22.26	21.62	22.26	23.00
		1	77	21.90	21.94	22.08	23.00
		36	18	22.06	21.78	21.90	23.00
		75	0	21.70	21.74	21.88	23.00
	DFT-s-OFDM QPSK	1	1	21.94	22.14	22.00	23.00
		1	77	22.00	21.82	22.29	23.00
		36	18	21.94	22.22	21.90	23.00
		75	0	21.88	22.04	21.98	23.00
	DFT-s-OFDM 16QAM	1	1	21.72	22.18	22.12	23.00
	DFT-s-OFDM 64QAM	1	1	20.62	20.56	20.77	21.50
	DFT-s-OFDM 256QAM	1	1	18.62	18.53	18.84	19.50
	CP-OFDM QPSK	1	1	22.44	22.04	21.90	22.50
	CP-OFDM 16QAM	1	1	21.10	20.78	20.37	22.00
	CP-OFDM 64QAM	1	1	19.70	19.44	19.21	20.50
	CP-OFDM 256QAM	1	1	16.63	16.40	16.52	17.50
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				344000/1720	349000/1745	354000/1770	
20MHz	DFT-s-OFDM BPSK	1	1	22.10	21.68	22.10	23.00
		1	104	21.86	21.98	21.90	23.00
		50	25	21.92	21.86	21.90	23.00
		100	0	21.64	21.80	21.86	23.00

	DFT-s-OFDM QPSK	1	1	21.92	22.22	22.12	23.00
		1	104	22.04	21.94	22.21	23.00
		50	25	21.94	22.12	21.98	23.00
		100	0	21.98	22.10	22.10	23.00
	DFT-s-OFDM 16QAM	1	1	21.82	22.12	22.04	23.00
	DFT-s-OFDM 64QAM	1	1	20.48	20.58	20.69	21.50
	DFT-s-OFDM 256QAM	1	1	18.64	18.49	18.80	19.50
	CP-OFDM QPSK	1	1	22.26	21.96	21.82	22.50
	CP-OFDM 16QAM	1	1	20.96	20.66	20.47	22.00
	CP-OFDM 64QAM	1	1	19.52	19.42	19.31	20.50
	CP-OFDM 256QAM	1	1	16.45	16.40	16.46	17.50
n77							
Full Power-ANT6				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				630666/3460	633332/3500	635998/3540	
20MHz	DFT-s-OFDM BPSK	1	1	21.12	21.14	21.42	22.00
		1	49	21.33	21.11	20.89	22.00
		25	12	21.34	21.10	21.26	22.00
		50	0	21.11	21.03	21.37	22.00
	DFT-s-OFDM QPSK	1	1	20.61	21.03	21.23	22.00
		1	49	21.19	21.03	20.97	22.00
		25	12	21.02	20.88	21.08	22.00
		50	0	21.25	21.31	21.07	22.00
	DFT-s-OFDM 16QAM	1	1	21.07	20.83	21.07	22.00
	DFT-s-OFDM 64QAM	1	1	20.47	20.57	20.37	22.00
	DFT-s-OFDM 256QAM	1	1	18.71	18.97	18.99	20.00
	CP-OFDM QPSK	1	1	20.84	20.54	20.98	22.00
	CP-OFDM 16QAM	1	1	20.28	20.36	20.18	22.00
	CP-OFDM 64QAM	1	1	20.53	20.15	20.17	21.00

	CP-OFDM 256QAM	1	1	17.11	17.29	17.01	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				631000/3465	633332/3500	635666/3535	
30MHz	DFT-s-OFDM BPSK	1	1	21.24	21.26	21.08	22.00
		1	76	21.01	21.09	21.01	22.00
		36	18	21.22	21.16	21.02	22.00
		75	0	21.27	21.15	21.29	22.00
	DFT-s-OFDM QPSK	1	1	20.87	21.03	21.11	22.00
		1	76	20.91	20.95	20.99	22.00
		36	18	21.16	21.06	21.22	22.00
		75	0	21.15	21.21	21.15	22.00
	DFT-s-OFDM 16QAM	1	1	21.03	21.19	21.09	22.00
	DFT-s-OFDM 64QAM	1	1	20.59	20.53	20.41	22.00
	DFT-s-OFDM 256QAM	1	1	18.93	19.01	19.03	20.00
	CP-OFDM QPSK	1	1	20.84	20.86	20.72	22.00
	CP-OFDM 16QAM	1	1	20.42	20.56	20.56	22.00
	CP-OFDM 64QAM	1	1	20.39	20.35	20.41	21.00
	CP-OFDM 256QAM	1	1	17.07	17.01	17.21	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				631332/3470	633332/3500	635332/3530	
40MHz	DFT-s-OFDM BPSK	1	1	21.06	21.26	21.22	22.00
		1	104	20.87	20.97	20.95	22.00
		50	25	21.10	20.96	21.20	22.00
		100	0	21.29	21.07	21.23	22.00
	DFT-s-OFDM QPSK	1	1	20.83	20.97	20.93	22.00
		1	104	20.85	20.95	20.95	22.00
		50	25	21.00	20.94	21.10	22.00
		100	0	21.03	21.07	20.93	22.00
	DFT-s-OFDM 16QAM	1	1	21.09	21.05	20.85	22.00
	DFT-s-OFDM 64QAM	1	1	20.39	20.49	20.49	22.00
	DFT-s-OFDM 256QAM	1	1	18.99	18.97	18.95	20.00

	CP-OFDM QPSK	1	1	20.62	20.76	20.60	22.00
	CP-OFDM 16QAM	1	1	20.48	20.28	20.28	22.00
	CP-OFDM 64QAM	1	1	20.09	20.09	20.11	21.00
	CP-OFDM 256QAM	1	1	17.17	17.21	16.91	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				632000/3480	633332/3500	634666/3520	
60MHz	DFT-s-OFDM BPSK	1	1	21.08	21.22	21.38	22.00
		1	160	20.87	21.07	21.17	22.00
		81	40	21.22	21.20	21.00	22.00
		162	0	21.27	21.41	21.05	22.00
	DFT-s-OFDM QPSK	1	1	21.03	21.09	21.09	22.00
		1	160	20.81	20.71	20.89	22.00
		81	40	20.96	21.22	21.08	22.00
		162	0	21.05	20.93	21.33	22.00
	DFT-s-OFDM 16QAM	1	1	21.03	21.13	21.11	22.00
	DFT-s-OFDM 64QAM	1	1	20.53	20.63	20.65	22.00
	DFT-s-OFDM 256QAM	1	1	19.21	19.19	18.87	20.00
	CP-OFDM QPSK	1	1	20.84	20.88	20.66	22.00
	CP-OFDM 16QAM	1	1	20.62	20.50	20.44	22.00
	CP-OFDM 64QAM	1	1	20.45	20.23	20.33	21.00
	CP-OFDM 256QAM	1	1	17.25	17.25	17.27	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				632666/3490	633332/3500	633998/3510	
80MHz	DFT-s-OFDM BPSK	1	1	21.32	21.16	21.26	22.00
		1	215	21.17	20.97	21.13	22.00
		108	54	21.24	21.00	21.20	22.00
		216	0	21.15	21.27	21.25	22.00
	DFT-s-OFDM QPSK	1	1	20.83	20.97	21.13	22.00
		1	215	21.03	21.03	20.99	22.00
		108	54	21.08	21.00	21.20	22.00
		216	0	21.13	21.25	21.17	22.00

	DFT-s-OFDM 16QAM	1	1	21.17	21.05	21.09	22.00
	DFT-s-OFDM 64QAM	1	1	20.69	20.49	20.49	22.00
	DFT-s-OFDM 256QAM	1	1	18.93	19.05	18.99	20.00
	CP-OFDM QPSK	1	1	20.92	20.68	20.82	22.00
	CP-OFDM 16QAM	1	1	20.48	20.56	20.32	22.00
	CP-OFDM 64QAM	1	1	20.39	20.25	20.25	21.00
	CP-OFDM 256QAM	1	1	17.11	17.23	17.25	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				/	633332/3500	/	
100MHz	DFT-s-OFDM BPSK	1	1	/	21.16	/	22.00
		1	271	/	21.05	/	22.00
		135	67	/	21.10	/	22.00
		270	0	/	21.19	/	22.00
	DFT-s-OFDM QPSK	1	1	/	20.95	/	22.00
		1	271	/	20.87	/	22.00
		135	67	/	21.06	/	22.00
		270	0	/	21.11	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.05	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	20.51	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	19.01	/	20.00
	CP-OFDM QPSK	1	1	/	20.80	/	22.00
	CP-OFDM 16QAM	1	1	/	20.44	/	22.00
	CP-OFDM 64QAM	1	1	/	20.25	/	21.00
	CP-OFDM 256QAM	1	1	/	17.11	/	18.00
n77							
Full Power-ANT6				Maximum Output Power (dBm)			Tune-up
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			
				647334/3710	656000/3840	664666/3970	

20MHz	DFT-s-OFDM BPSK	1	1	20.98	20.88	20.84	22.00
		1	49	20.93	20.85	20.89	22.00
		25	12	20.88	21.04	20.90	22.00
		50	0	21.05	20.87	21.09	22.00
	DFT-s-OFDM QPSK	1	1	20.87	20.81	20.97	22.00
		1	49	20.87	20.77	20.91	22.00
		25	12	21.00	21.08	20.90	22.00
		50	0	21.27	20.83	20.99	22.00
	DFT-s-OFDM 16QAM	1	1	20.85	21.03	21.07	22.00
	DFT-s-OFDM 64QAM	1	1	20.33	20.41	20.61	22.00
	DFT-s-OFDM 256QAM	1	1	18.83	18.97	18.71	20.00
	CP-OFDM QPSK	1	1	20.88	20.94	20.90	22.00
	CP-OFDM 16QAM	1	1	20.24	20.48	20.28	22.00
	CP-OFDM 64QAM	1	1	20.15	20.01	20.31	21.00
	CP-OFDM 256QAM	1	1	17.31	17.09	17.03	18.00
Bandwidth	Modulation	RB allocation	offset	Channel/Frequency(MHz)			Tune-up
				647667/3715	656000/3840	664333/3965	
30MHz	DFT-s-OFDM BPSK	1	1	20.86	21.08	20.96	22.00
		1	76	21.17	21.15	20.89	22.00
		36	18	20.72	20.74	21.10	22.00
		75	0	21.15	21.17	21.35	22.00
	DFT-s-OFDM QPSK	1	1	21.07	21.15	21.31	22.00
		1	76	21.21	21.07	20.57	22.00
		36	18	20.90	21.20	20.88	22.00
		75	0	21.43	20.95	21.09	22.00
	DFT-s-OFDM 16QAM	1	1	20.75	21.07	20.73	22.00
	DFT-s-OFDM 64QAM	1	1	20.61	20.39	20.63	22.00
	DFT-s-OFDM 256QAM	1	1	18.61	18.95	18.59	20.00
	CP-OFDM QPSK	1	1	20.84	21.08	21.10	22.00
	CP-OFDM 16QAM	1	1	20.26	20.38	20.54	22.00