

8 CONDUCTED RF OUPUT POWER

8.1	LTE Output Power
8.2	WIFI Output Power
8.3	Bluetooth
8.3.1	Bluetooth Output Power
8.3.2	Bluetooth Duty cycle

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	ANT0	FULL	23.24	23.05	23.31	24.00
1.4	QPSK	1	2	ANT0	FULL	23.35	23.43	23.46	24.00
1.4	QPSK	1	5	ANT0	FULL	23.16	23.21	23.34	24.00
1.4	QPSK	3	0	ANT0	FULL	23.58	23.40	23.63	24.00
1.4	QPSK	3	1	ANT0	FULL	23.51	23.61	23.63	24.00
1.4	QPSK	3	3	ANT0	FULL	23.53	23.33	23.55	24.00
1.4	QPSK	6	0	ANT0	FULL	22.37	22.19	22.64	23.00
1.4	16QAM	1	0	ANT0	FULL	22.59	22.68	22.59	23.00
1.4	16QAM	1	2	ANT0	FULL	22.94	22.91	22.93	23.00
1.4	16QAM	1	5	ANT0	FULL	22.73	22.87	22.87	23.00
1.4	16QAM	3	0	ANT0	FULL	22.41	22.31	22.52	23.00
1.4	16QAM	3	1	ANT0	FULL	22.57	22.65	22.65	23.00
1.4	16QAM	3	3	ANT0	FULL	22.52	22.41	22.62	23.00
1.4	16QAM	6	0	ANT0	FULL	21.60	21.33	21.77	22.00
1.4	64QAM	1	0	ANT0	FULL	21.73	21.81	21.54	22.00
1.4	64QAM	1	2	ANT0	FULL	21.79	21.83	21.98	22.00
1.4	64QAM	1	5	ANT0	FULL	21.87	21.63	21.75	22.00
1.4	64QAM	3	0	ANT0	FULL	21.57	21.53	21.43	22.00
1.4	64QAM	3	1	ANT0	FULL	21.71	21.48	21.62	22.00
1.4	64QAM	3	3	ANT0	FULL	21.69	21.45	21.49	22.00
1.4	64QAM	6	0	ANT0	FULL	20.60	20.53	20.60	21.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18615	18900	19175	Tune-up power(dBm)
3	QPSK	1	0	ANT0	FULL	23.12	23.33	23.32	24.00
3	QPSK	1	7	ANT0	FULL	23.43	23.38	23.41	24.00
3	QPSK	1	14	ANT0	FULL	23.12	23.24	23.25	24.00
3	QPSK	8	0	ANT0	FULL	22.56	22.28	22.61	23.00
3	QPSK	8	3	ANT0	FULL	22.52	22.50	22.57	23.00
3	QPSK	8	7	ANT0	FULL	22.37	22.34	22.68	23.00
3	QPSK	15	0	ANT0	FULL	22.41	22.21	22.51	23.00
3	16QAM	1	0	ANT0	FULL	22.63	22.58	22.70	23.00
3	16QAM	1	7	ANT0	FULL	22.85	22.86	22.92	23.00
3	16QAM	1	14	ANT0	FULL	22.92	22.87	22.67	23.00
3	16QAM	8	0	ANT0	FULL	21.69	21.22	21.56	22.00
3	16QAM	8	3	ANT0	FULL	21.53	21.46	21.73	22.00
3	16QAM	8	7	ANT0	FULL	21.59	21.51	21.58	22.00
3	16QAM	15	0	ANT0	FULL	21.54	21.48	21.50	22.00
3	64QAM	1	0	ANT0	FULL	21.64	21.58	21.61	22.00
3	64QAM	1	7	ANT0	FULL	21.77	21.73	21.98	22.00
3	64QAM	1	14	ANT0	FULL	21.60	21.62	21.86	22.00
3	64QAM	8	0	ANT0	FULL	20.49	20.31	20.54	21.00
3	64QAM	8	3	ANT0	FULL	20.49	20.31	20.70	21.00
3	64QAM	8	7	ANT0	FULL	20.59	20.48	20.49	21.00
3	64QAM	15	0	ANT0	FULL	20.72	20.30	20.62	21.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18625	18900	19175	Tune-up power(dBm)
5	QPSK	1	0	ANT0	FULL	23.22	23.33	23.30	24.00
5	QPSK	1	12	ANT0	FULL	23.37	23.43	23.48	24.00
5	QPSK	1	24	ANT0	FULL	23.30	23.30	23.45	24.00
5	QPSK	12	0	ANT0	FULL	22.43	22.38	22.48	23.00
5	QPSK	12	6	ANT0	FULL	22.36	22.34	22.70	23.00
5	QPSK	12	13	ANT0	FULL	22.41	22.42	22.73	23.00
5	QPSK	25	0	ANT0	FULL	22.40	22.36	22.53	23.00
5	16QAM	1	0	ANT0	FULL	22.63	22.64	22.83	23.00
5	16QAM	1	12	ANT0	FULL	22.92	22.88	22.90	23.00
5	16QAM	1	24	ANT0	FULL	22.91	22.75	22.75	23.00
5	16QAM	12	0	ANT0	FULL	21.65	21.34	21.63	22.00
5	16QAM	12	6	ANT0	FULL	21.54	21.56	21.50	22.00
5	16QAM	12	13	ANT0	FULL	21.67	21.55	21.73	22.00
5	16QAM	25	0	ANT0	FULL	21.61	21.34	21.73	22.00
5	64QAM	1	0	ANT0	FULL	21.54	21.63	21.59	22.00
5	64QAM	1	12	ANT0	FULL	21.71	21.98	21.97	22.00
5	64QAM	1	24	ANT0	FULL	21.86	21.77	21.80	22.00
5	64QAM	12	0	ANT0	FULL	20.45	20.44	20.46	21.00
5	64QAM	12	6	ANT0	FULL	20.50	20.42	20.64	21.00
5	64QAM	12	13	ANT0	FULL	20.74	20.50	20.67	21.00
5	64QAM	25	0	ANT0	FULL	20.52	20.49	20.51	21.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18650	18900	19150	Tune-up power(dBm)
10	QPSK	1	0	ANT0	FULL	23.05	23.24	23.27	24.00
10	QPSK	1	24	ANT0	FULL	23.47	23.56	23.52	24.00
10	QPSK	1	49	ANT0	FULL	23.35	23.26	23.49	24.00
10	QPSK	25	0	ANT0	FULL	22.33	22.29	22.48	23.00
10	QPSK	25	12	ANT0	FULL	22.45	22.44	22.71	23.00
10	QPSK	25	25	ANT0	FULL	22.56	22.40	22.66	23.00
10	QPSK	50	0	ANT0	FULL	22.38	22.40	22.55	23.00
10	16QAM	1	0	ANT0	FULL	22.76	22.65	22.82	23.00
10	16QAM	1	24	ANT0	FULL	22.93	22.89	22.89	23.00
10	16QAM	1	49	ANT0	FULL	22.74	22.69	22.76	23.00
10	16QAM	25	0	ANT0	FULL	21.63	21.32	21.61	22.00
10	16QAM	25	12	ANT0	FULL	21.58	21.63	21.64	22.00
10	16QAM	25	25	ANT0	FULL	21.68	21.39	21.55	22.00
10	16QAM	50	0	ANT0	FULL	21.57	21.24	21.62	22.00
10	64QAM	1	0	ANT0	FULL	21.74	21.69	21.81	22.00
10	64QAM	1	24	ANT0	FULL	21.93	21.89	21.98	22.00
10	64QAM	1	49	ANT0	FULL	21.80	21.77	21.84	22.00
10	64QAM	25	0	ANT0	FULL	20.40	20.56	20.61	21.00
10	64QAM	25	12	ANT0	FULL	20.65	20.42	20.54	21.00
10	64QAM	25	25	ANT0	FULL	20.72	20.44	20.49	21.00
10	64QAM	50	0	ANT0	FULL	20.56	20.42	20.53	21.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18675	18900	19125	Tune-up power(dBm)
15	QPSK	1	0	ANT0	FULL	23.07	23.16	23.21	24.00
15	QPSK	1	37	ANT0	FULL	23.49	23.61	23.55	24.00
15	QPSK	1	74	ANT0	FULL	23.21	23.39	23.35	24.00
15	QPSK	36	0	ANT0	FULL	22.44	22.32	22.61	23.00
15	QPSK	36	19	ANT0	FULL	22.28	22.36	22.66	23.00
15	QPSK	36	39	ANT0	FULL	22.63	22.34	22.75	23.00
15	QPSK	75	0	ANT0	FULL	22.37	22.29	22.49	23.00
15	16QAM	1	0	ANT0	FULL	22.75	22.67	22.68	23.00
15	16QAM	1	37	ANT0	FULL	22.90	22.77	22.96	23.00
15	16QAM	1	74	ANT0	FULL	22.68	22.72	22.65	23.00
15	16QAM	36	0	ANT0	FULL	21.62	21.24	21.58	22.00
15	16QAM	36	19	ANT0	FULL	21.45	21.51	21.48	22.00
15	16QAM	36	39	ANT0	FULL	21.66	21.29	21.71	22.00
15	16QAM	75	0	ANT0	FULL	21.55	21.31	21.49	22.00
15	64QAM	1	0	ANT0	FULL	21.62	21.83	21.60	22.00
15	64QAM	1	37	ANT0	FULL	21.95	21.91	21.90	22.00
15	64QAM	1	74	ANT0	FULL	21.75	21.67	21.84	22.00
15	64QAM	36	0	ANT0	FULL	20.42	20.31	20.65	21.00
15	64QAM	36	19	ANT0	FULL	20.74	20.45	20.44	21.00
15	64QAM	36	39	ANT0	FULL	20.80	20.64	20.66	21.00
15	64QAM	75	0	ANT0	FULL	20.51	20.33	20.64	21.00

Band				LTE B2					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	18700	18900	19100	Tune-up power(dBm)
20	QPSK	1	0	ANT0	FULL	23.12	23.19	23.29	24.00
20	QPSK	1	49	ANT0	FULL	23.41	23.53	23.52	24.00
20	QPSK	1	99	ANT0	FULL	23.24	23.28	23.39	24.00
20	QPSK	50	0	ANT0	FULL	22.44	22.25	22.50	23.00
20	QPSK	50	25	ANT0	FULL	22.42	22.67	22.56	23.00
20	QPSK	50	50	ANT0	FULL	22.50	22.32	22.64	23.00
20	QPSK	100	0	ANT0	FULL	22.47	22.55	22.54	23.00
20	16QAM	1	0	ANT0	FULL	22.65	22.72	22.70	23.00
20	16QAM	1	49	ANT0	FULL	22.95	22.92	22.99	23.00
20	16QAM	1	99	ANT0	FULL	22.78	22.78	22.76	23.00
20	16QAM	50	0	ANT0	FULL	21.56	21.34	21.56	22.00
20	16QAM	50	25	ANT0	FULL	21.53	21.54	21.62	22.00
20	16QAM	50	50	ANT0	FULL	21.59	21.41	21.68	22.00
20	16QAM	100	0	ANT0	FULL	21.58	21.36	21.63	22.00
20	64QAM	1	0	ANT0	FULL	21.67	21.71	21.67	22.00
20	64QAM	1	49	ANT0	FULL	21.82	21.88	21.98	22.00
20	64QAM	1	99	ANT0	FULL	21.72	21.65	21.78	22.00
20	64QAM	50	0	ANT0	FULL	20.43	20.41	20.52	21.00
20	64QAM	50	25	ANT0	FULL	20.61	20.45	20.57	21.00
20	64QAM	50	50	ANT0	FULL	20.71	20.51	20.53	21.00
20	64QAM	100	0	ANT0	FULL	20.61	20.41	20.61	21.00

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	ANT0	FULL	22.87	23.04	22.92	24.00
1.4	QPSK	1	2	ANT0	FULL	23.21	23.30	23.18	24.00
1.4	QPSK	1	5	ANT0	FULL	23.14	23.13	23.06	24.00
1.4	QPSK	3	0	ANT0	FULL	23.10	23.09	22.97	24.00
1.4	QPSK	3	1	ANT0	FULL	23.14	23.21	23.18	24.00
1.4	QPSK	3	3	ANT0	FULL	23.21	23.18	23.15	24.00
1.4	QPSK	6	0	ANT0	FULL	22.34	22.20	22.11	23.00
1.4	16QAM	1	0	ANT0	FULL	22.33	22.47	22.51	23.00
1.4	16QAM	1	2	ANT0	FULL	22.82	22.72	22.74	23.00
1.4	16QAM	1	5	ANT0	FULL	22.59	22.70	22.59	23.00
1.4	16QAM	3	0	ANT0	FULL	22.12	22.22	22.22	23.00
1.4	16QAM	3	1	ANT0	FULL	22.36	22.48	22.35	23.00
1.4	16QAM	3	3	ANT0	FULL	22.44	22.30	22.20	23.00
1.4	16QAM	6	0	ANT0	FULL	21.35	21.39	21.29	22.00
1.4	64QAM	1	0	ANT0	FULL	21.48	21.52	21.42	22.00
1.4	64QAM	1	2	ANT0	FULL	21.49	21.75	21.84	22.00
1.4	64QAM	1	5	ANT0	FULL	21.55	21.82	21.72	22.00
1.4	64QAM	3	0	ANT0	FULL	21.40	21.14	21.10	22.00
1.4	64QAM	3	1	ANT0	FULL	21.33	21.30	21.41	22.00
1.4	64QAM	3	3	ANT0	FULL	21.32	21.48	21.38	22.00
1.4	64QAM	6	0	ANT0	FULL	20.33	20.17	20.21	21.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19965	20175	20385	Tune-up power(dBm)
3	QPSK	1	0	ANT0	FULL	22.89	22.86	23.07	24.00
3	QPSK	1	7	ANT0	FULL	23.23	23.23	23.26	24.00
3	QPSK	1	14	ANT0	FULL	23.13	23.07	23.20	24.00
3	QPSK	8	0	ANT0	FULL	22.14	22.01	22.18	23.00
3	QPSK	8	3	ANT0	FULL	22.27	22.27	22.14	23.00
3	QPSK	8	7	ANT0	FULL	22.11	22.35	22.16	23.00
3	QPSK	15	0	ANT0	FULL	22.29	22.07	22.27	23.00
3	16QAM	1	0	ANT0	FULL	22.41	22.53	22.28	23.00
3	16QAM	1	7	ANT0	FULL	22.60	22.93	22.65	23.00
3	16QAM	1	14	ANT0	FULL	22.43	22.60	22.76	23.00
3	16QAM	8	0	ANT0	FULL	21.33	21.09	21.26	22.00
3	16QAM	8	3	ANT0	FULL	21.16	21.46	21.26	22.00
3	16QAM	8	7	ANT0	FULL	21.44	21.46	21.37	22.00
3	16QAM	15	0	ANT0	FULL	21.26	21.40	21.16	22.00
3	64QAM	1	0	ANT0	FULL	21.35	21.59	21.25	22.00
3	64QAM	1	7	ANT0	FULL	21.60	21.68	21.60	22.00
3	64QAM	1	14	ANT0	FULL	21.47	21.69	21.84	22.00
3	64QAM	8	0	ANT0	FULL	20.45	20.24	20.01	21.00
3	64QAM	8	3	ANT0	FULL	20.32	20.24	20.47	21.00
3	64QAM	8	7	ANT0	FULL	20.40	20.42	20.40	21.00
3	64QAM	15	0	ANT0	FULL	20.19	20.31	20.25	21.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	19975	20175	20375	Tune-up power(dBm)
5	QPSK	1	0	ANT0	FULL	22.86	22.99	22.82	24.00
5	QPSK	1	12	ANT0	FULL	23.10	23.25	23.34	24.00
5	QPSK	1	24	ANT0	FULL	23.17	22.98	23.21	24.00
5	QPSK	12	0	ANT0	FULL	22.29	22.05	22.03	23.00
5	QPSK	12	6	ANT0	FULL	22.26	22.17	22.13	23.00
5	QPSK	12	13	ANT0	FULL	22.35	22.32	22.14	23.00
5	QPSK	25	0	ANT0	FULL	22.14	22.28	22.00	23.00
5	16QAM	1	0	ANT0	FULL	22.45	22.40	22.36	23.00
5	16QAM	1	12	ANT0	FULL	22.73	22.74	22.68	23.00
5	16QAM	1	24	ANT0	FULL	22.58	22.52	22.68	23.00
5	16QAM	12	0	ANT0	FULL	21.18	21.14	21.13	22.00
5	16QAM	12	6	ANT0	FULL	21.29	21.36	21.50	22.00
5	16QAM	12	13	ANT0	FULL	21.22	21.39	21.27	22.00
5	16QAM	25	0	ANT0	FULL	21.24	21.28	21.12	22.00
5	64QAM	1	0	ANT0	FULL	21.47	21.49	21.31	22.00
5	64QAM	1	12	ANT0	FULL	21.65	21.67	21.64	22.00
5	64QAM	1	24	ANT0	FULL	21.54	21.83	21.81	22.00
5	64QAM	12	0	ANT0	FULL	20.49	20.25	20.25	21.00
5	64QAM	12	6	ANT0	FULL	20.33	20.18	20.43	21.00
5	64QAM	12	13	ANT0	FULL	20.37	20.46	20.31	21.00
5	64QAM	25	0	ANT0	FULL	20.24	20.21	20.24	21.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20000	20175	20350	Tune-up power(dBm)
10	QPSK	1	0	ANT0	FULL	22.95	22.99	22.81	24.00
10	QPSK	1	24	ANT0	FULL	23.09	23.12	23.34	24.00
10	QPSK	1	49	ANT0	FULL	22.93	23.14	22.95	24.00
10	QPSK	25	0	ANT0	FULL	22.06	22.23	22.07	23.00
10	QPSK	25	12	ANT0	FULL	22.33	22.39	22.40	23.00
10	QPSK	25	25	ANT0	FULL	22.37	22.40	21.96	23.00
10	QPSK	50	0	ANT0	FULL	22.14	22.06	22.08	23.00
10	16QAM	1	0	ANT0	FULL	22.41	22.50	22.39	23.00
10	16QAM	1	24	ANT0	FULL	22.66	22.86	22.65	23.00
10	16QAM	1	49	ANT0	FULL	22.56	22.62	22.57	23.00
10	16QAM	25	0	ANT0	FULL	21.17	21.07	21.11	22.00
10	16QAM	25	12	ANT0	FULL	21.26	21.39	21.40	22.00
10	16QAM	25	25	ANT0	FULL	21.28	21.45	21.10	22.00
10	16QAM	50	0	ANT0	FULL	21.28	21.29	21.10	22.00
10	64QAM	1	0	ANT0	FULL	21.39	21.76	21.44	22.00
10	64QAM	1	24	ANT0	FULL	21.55	21.91	21.65	22.00
10	64QAM	1	49	ANT0	FULL	21.53	21.78	21.77	22.00
10	64QAM	25	0	ANT0	FULL	20.30	20.00	20.06	21.00
10	64QAM	25	12	ANT0	FULL	20.24	20.31	20.33	21.00
10	64QAM	25	25	ANT0	FULL	20.33	20.52	20.36	21.00
10	64QAM	50	0	ANT0	FULL	20.27	20.29	19.99	21.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20025	20175	20325	Tune-up power(dBm)
15	QPSK	1	0	ANT0	FULL	23.10	23.07	23.06	24.00
15	QPSK	1	37	ANT0	FULL	23.14	23.23	23.23	24.00
15	QPSK	1	74	ANT0	FULL	22.99	23.09	22.96	24.00
15	QPSK	36	0	ANT0	FULL	22.34	22.18	22.14	23.00
15	QPSK	36	19	ANT0	FULL	22.13	22.13	22.23	23.00
15	QPSK	36	39	ANT0	FULL	22.27	22.44	22.14	23.00
15	QPSK	75	0	ANT0	FULL	22.09	22.05	22.24	23.00
15	16QAM	1	0	ANT0	FULL	22.34	22.69	22.27	23.00
15	16QAM	1	37	ANT0	FULL	22.82	22.91	22.85	23.00
15	16QAM	1	74	ANT0	FULL	22.57	22.74	22.58	23.00
15	16QAM	36	0	ANT0	FULL	21.25	21.08	21.34	22.00
15	16QAM	36	19	ANT0	FULL	21.18	21.46	21.29	22.00
15	16QAM	36	39	ANT0	FULL	21.17	21.29	21.23	22.00
15	16QAM	75	0	ANT0	FULL	21.40	21.22	21.10	22.00
15	64QAM	1	0	ANT0	FULL	21.35	21.59	21.24	22.00
15	64QAM	1	37	ANT0	FULL	21.59	21.72	21.75	22.00
15	64QAM	1	74	ANT0	FULL	21.59	21.83	21.79	22.00
15	64QAM	36	0	ANT0	FULL	20.47	20.07	20.14	21.00
15	64QAM	36	19	ANT0	FULL	20.14	20.23	20.52	21.00
15	64QAM	36	39	ANT0	FULL	20.40	20.41	20.41	21.00
15	64QAM	75	0	ANT0	FULL	20.26	20.34	20.13	21.00

Band				LTE B4					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20050	20175	20300	Tune-up power(dBm)
20	QPSK	1	0	ANT0	FULL	22.99	23.01	22.96	24.00
20	QPSK	1	49	ANT0	FULL	23.23	23.29	23.28	24.00
20	QPSK	1	99	ANT0	FULL	23.06	23.09	23.10	24.00
20	QPSK	50	0	ANT0	FULL	22.21	22.10	22.11	23.00
20	QPSK	50	25	ANT0	FULL	22.23	22.35	22.27	23.00
20	QPSK	50	50	ANT0	FULL	22.24	22.30	22.10	23.00
20	QPSK	100	0	ANT0	FULL	22.10	22.12	22.07	23.00
20	16QAM	1	0	ANT0	FULL	22.33	22.55	22.39	23.00
20	16QAM	1	49	ANT0	FULL	22.69	22.82	22.70	23.00
20	16QAM	1	99	ANT0	FULL	22.55	22.60	22.68	23.00
20	16QAM	50	0	ANT0	FULL	21.23	21.19	21.21	22.00
20	16QAM	50	25	ANT0	FULL	21.30	21.36	21.36	22.00
20	16QAM	50	50	ANT0	FULL	21.30	21.37	21.23	22.00
20	16QAM	100	0	ANT0	FULL	21.28	21.30	21.19	22.00
20	64QAM	1	0	ANT0	FULL	21.33	21.62	21.32	22.00
20	64QAM	1	49	ANT0	FULL	21.56	21.76	21.73	22.00
20	64QAM	1	99	ANT0	FULL	21.53	21.72	21.74	22.00
20	64QAM	50	0	ANT0	FULL	20.35	20.15	20.15	21.00
20	64QAM	50	25	ANT0	FULL	20.23	20.28	20.45	21.00
20	64QAM	50	50	ANT0	FULL	20.33	20.48	20.36	21.00
20	64QAM	100	0	ANT0	FULL	20.31	20.28	20.12	21.00

Band				LTE Band5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20407	20525	20643	Tune-up power(dBm)
1.4	QPSK	1	0	ANT0	FULL	23.08	22.97	22.91	24.00
1.4	QPSK	1	2	ANT0	FULL	23.13	23.01	22.98	24.00
1.4	QPSK	1	5	ANT0	FULL	23.10	23.00	22.91	24.00
1.4	QPSK	3	0	ANT0	FULL	23.19	23.10	23.06	24.00
1.4	QPSK	3	1	ANT0	FULL	23.22	23.11	23.06	24.00
1.4	QPSK	3	3	ANT0	FULL	23.20	23.10	23.07	24.00
1.4	QPSK	6	0	ANT0	FULL	22.24	22.16	22.10	23.00
1.4	16QAM	1	0	ANT0	FULL	22.08	22.08	21.93	23.00
1.4	16QAM	1	2	ANT0	FULL	22.13	22.16	21.99	23.00
1.4	16QAM	1	5	ANT0	FULL	22.09	22.07	21.96	23.00
1.4	16QAM	3	0	ANT0	FULL	22.36	22.09	22.14	23.00
1.4	16QAM	3	1	ANT0	FULL	22.39	22.06	22.16	23.00
1.4	16QAM	3	3	ANT0	FULL	22.41	22.07	22.14	23.00
1.4	16QAM	6	0	ANT0	FULL	21.34	21.17	21.07	22.00
1.4	64QAM	1	0	ANT0	FULL	21.65	21.20	20.94	22.00
1.4	64QAM	1	2	ANT0	FULL	21.72	21.29	21.01	22.00
1.4	64QAM	1	5	ANT0	FULL	21.68	21.13	20.96	22.00
1.4	64QAM	3	0	ANT0	FULL	21.47	21.37	21.09	22.00
1.4	64QAM	3	1	ANT0	FULL	21.50	21.40	21.12	22.00
1.4	64QAM	3	3	ANT0	FULL	21.53	21.39	21.13	22.00
1.4	64QAM	6	0	ANT0	FULL	20.37	20.39	20.20	21.00

Band				LTE Band5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20415	20525	20635	Tune-up power(dBm)
3	QPSK	1	0	ANT0	FULL	22.92	22.84	22.77	24.00
3	QPSK	1	7	ANT0	FULL	23.08	22.99	22.96	24.00
3	QPSK	1	14	ANT0	FULL	22.92	22.84	22.81	24.00
3	QPSK	8	0	ANT0	FULL	22.20	22.05	22.05	23.00
3	QPSK	8	3	ANT0	FULL	22.25	22.14	22.09	23.00
3	QPSK	8	7	ANT0	FULL	22.18	22.03	21.99	23.00
3	QPSK	15	0	ANT0	FULL	22.18	22.01	21.97	23.00
3	16QAM	1	0	ANT0	FULL	22.55	22.01	21.80	23.00
3	16QAM	1	7	ANT0	FULL	22.70	22.11	21.98	23.00
3	16QAM	1	14	ANT0	FULL	22.53	21.97	21.82	23.00
3	16QAM	8	0	ANT0	FULL	21.34	21.02	21.11	22.00
3	16QAM	8	3	ANT0	FULL	21.41	21.10	21.15	22.00
3	16QAM	8	7	ANT0	FULL	21.37	20.99	21.06	22.00
3	16QAM	15	0	ANT0	FULL	21.20	20.98	21.02	22.00
3	64QAM	1	0	ANT0	FULL	21.27	21.04	20.84	22.00
3	64QAM	1	7	ANT0	FULL	21.48	21.23	21.00	22.00
3	64QAM	1	14	ANT0	FULL	21.28	21.00	20.81	22.00
3	64QAM	8	0	ANT0	FULL	20.35	19.98	20.07	21.00
3	64QAM	8	3	ANT0	FULL	20.40	20.07	20.10	21.00
3	64QAM	8	7	ANT0	FULL	20.29	19.96	20.02	21.00
3	64QAM	15	0	ANT0	FULL	20.20	20.20	20.01	21.00

Band				LTE Band5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20425	20525	20625	Tune-up power(dBm)
5	QPSK	1	0	ANT0	FULL	23.17	23.13	23.02	24.00
5	QPSK	1	12	ANT0	FULL	23.37	23.27	23.16	24.00
5	QPSK	1	24	ANT0	FULL	23.20	23.07	23.05	24.00
5	QPSK	12	0	ANT0	FULL	22.21	22.08	22.04	23.00
5	QPSK	12	6	ANT0	FULL	22.27	22.14	22.13	23.00
5	QPSK	12	13	ANT0	FULL	22.21	22.13	22.04	23.00
5	QPSK	25	0	ANT0	FULL	22.26	22.08	22.01	23.00
5	16QAM	1	0	ANT0	FULL	22.16	22.41	22.08	23.00
5	16QAM	1	12	ANT0	FULL	22.29	22.54	22.26	23.00
5	16QAM	1	24	ANT0	FULL	22.11	22.38	22.13	23.00
5	16QAM	12	0	ANT0	FULL	21.20	21.07	21.05	22.00
5	16QAM	12	6	ANT0	FULL	21.29	21.20	21.09	22.00
5	16QAM	12	13	ANT0	FULL	21.24	21.13	20.99	22.00
5	16QAM	25	0	ANT0	FULL	21.36	21.13	21.10	22.00
5	64QAM	1	0	ANT0	FULL	21.18	21.24	21.25	22.00
5	64QAM	1	12	ANT0	FULL	21.38	21.42	21.37	22.00
5	64QAM	1	24	ANT0	FULL	21.23	21.26	21.26	22.00
5	64QAM	12	0	ANT0	FULL	20.20	20.06	20.18	21.00
5	64QAM	12	6	ANT0	FULL	20.23	20.14	20.26	21.00
5	64QAM	12	13	ANT0	FULL	20.18	20.14	20.21	21.00
5	64QAM	25	0	ANT0	FULL	20.32	20.18	20.09	21.00

Band				LTE Band5					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20450	20525	20600	Tune-up power(dBm)
10	QPSK	1	0	ANT0	FULL	23.21	23.20	23.05	24.00
10	QPSK	1	24	ANT0	FULL	23.20	23.22	23.16	24.00
10	QPSK	1	49	ANT0	FULL	23.21	23.11	23.13	24.00
10	QPSK	25	0	ANT0	FULL	22.13	22.03	22.10	23.00
10	QPSK	25	12	ANT0	FULL	22.15	22.18	22.13	23.00
10	QPSK	25	25	ANT0	FULL	22.13	22.11	22.11	23.00
10	QPSK	50	0	ANT0	FULL	22.09	22.10	22.06	23.00
10	16QAM	1	0	ANT0	FULL	22.81	22.31	22.07	23.00
10	16QAM	1	24	ANT0	FULL	22.93	22.36	22.15	23.00
10	16QAM	1	49	ANT0	FULL	22.85	22.19	22.11	23.00
10	16QAM	25	0	ANT0	FULL	21.37	21.10	21.20	22.00
10	16QAM	25	12	ANT0	FULL	21.43	21.23	21.27	22.00
10	16QAM	25	25	ANT0	FULL	21.41	21.19	21.24	22.00
10	16QAM	50	0	ANT0	FULL	21.35	21.12	21.16	22.00
10	64QAM	1	0	ANT0	FULL	21.46	21.31	20.94	22.00
10	64QAM	1	24	ANT0	FULL	21.55	21.37	21.04	22.00
10	64QAM	1	49	ANT0	FULL	21.53	21.25	20.96	22.00
10	64QAM	25	0	ANT0	FULL	20.33	20.16	20.23	21.00
10	64QAM	25	12	ANT0	FULL	20.40	20.27	20.27	21.00
10	64QAM	25	25	ANT0	FULL	20.40	20.24	20.30	21.00
10	64QAM	50	0	ANT0	FULL	20.37	20.07	20.16	21.00

Band				LTE Band7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20775	21100	21425	Tune-up power(dBm)
5	QPSK	1	0	ANT0	FULL	23.23	23.21	23.28	24.00
5	QPSK	1	12	ANT0	FULL	23.35	23.36	23.42	24.00
5	QPSK	1	24	ANT0	FULL	23.21	23.23	23.32	24.00
5	QPSK	12	0	ANT0	FULL	22.13	22.21	22.32	23.00
5	QPSK	12	6	ANT0	FULL	22.27	22.29	22.36	23.00
5	QPSK	12	13	ANT0	FULL	22.27	22.25	22.28	23.00
5	QPSK	25	0	ANT0	FULL	22.25	22.24	22.32	23.00
5	16QAM	1	0	ANT0	FULL	22.11	22.50	22.29	23.00
5	16QAM	1	12	ANT0	FULL	22.23	22.63	22.45	23.00
5	16QAM	1	24	ANT0	FULL	22.10	22.53	22.38	23.00
5	16QAM	12	0	ANT0	FULL	21.13	21.21	21.27	22.00
5	16QAM	12	6	ANT0	FULL	21.21	21.28	21.31	22.00
5	16QAM	12	13	ANT0	FULL	21.23	21.24	21.25	22.00
5	16QAM	25	0	ANT0	FULL	21.28	21.28	21.32	22.00
5	64QAM	1	0	ANT0	FULL	21.17	21.33	21.42	22.00
5	64QAM	1	12	ANT0	FULL	21.31	21.48	21.57	22.00
5	64QAM	1	24	ANT0	FULL	21.17	21.42	21.50	22.00
5	64QAM	12	0	ANT0	FULL	20.13	20.23	20.40	21.00
5	64QAM	12	6	ANT0	FULL	20.22	20.28	20.44	21.00
5	64QAM	12	13	ANT0	FULL	20.23	20.27	20.40	21.00
5	64QAM	25	0	ANT0	FULL	20.30	20.33	20.37	21.00

Band				LTE Band7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20800	21100	21400	Tune-up power(dBm)
10	QPSK	1	0	ANT0	FULL	23.28	23.31	23.39	24.00
10	QPSK	1	24	ANT0	FULL	23.42	23.35	23.40	24.00
10	QPSK	1	49	ANT0	FULL	23.32	23.33	23.39	24.00
10	QPSK	25	0	ANT0	FULL	22.32	22.23	22.34	23.00
10	QPSK	25	12	ANT0	FULL	22.36	22.30	22.34	23.00
10	QPSK	25	25	ANT0	FULL	22.28	22.33	22.31	23.00
10	QPSK	50	0	ANT0	FULL	22.32	22.27	22.30	23.00
10	16QAM	1	0	ANT0	FULL	22.29	22.37	22.32	23.00
10	16QAM	1	24	ANT0	FULL	22.45	22.42	22.35	23.00
10	16QAM	1	49	ANT0	FULL	22.38	22.42	22.38	23.00
10	16QAM	25	0	ANT0	FULL	21.27	21.25	21.43	22.00
10	16QAM	25	12	ANT0	FULL	21.31	21.31	21.41	22.00
10	16QAM	25	25	ANT0	FULL	21.25	21.33	21.38	22.00
10	16QAM	50	0	ANT0	FULL	21.32	21.26	21.30	22.00
10	64QAM	1	0	ANT0	FULL	21.42	21.36	21.21	22.00
10	64QAM	1	24	ANT0	FULL	21.57	21.42	21.23	22.00
10	64QAM	1	49	ANT0	FULL	21.50	21.45	21.24	22.00
10	64QAM	25	0	ANT0	FULL	20.40	20.31	20.41	21.00
10	64QAM	25	12	ANT0	FULL	20.44	20.39	20.44	21.00
10	64QAM	25	25	ANT0	FULL	20.40	20.42	20.41	21.00
10	64QAM	50	0	ANT0	FULL	20.37	20.33	20.38	21.00

Band				LTE Band7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20825	21100	21375	Tune-up power(dBm)
15	QPSK	1	0	ANT0	FULL	23.17	23.23	23.32	24.00
15	QPSK	1	37	ANT0	FULL	23.30	23.37	23.38	24.00
15	QPSK	1	74	ANT0	FULL	23.34	23.33	23.29	24.00
15	QPSK	36	0	ANT0	FULL	22.16	22.23	22.35	23.00
15	QPSK	36	19	ANT0	FULL	22.26	22.33	22.33	23.00
15	QPSK	36	39	ANT0	FULL	22.28	22.32	22.30	23.00
15	QPSK	75	0	ANT0	FULL	22.24	22.31	22.33	23.00
15	16QAM	1	0	ANT0	FULL	22.69	22.34	22.65	23.00
15	16QAM	1	37	ANT0	FULL	22.81	22.45	22.74	23.00
15	16QAM	1	74	ANT0	FULL	22.84	22.41	22.67	23.00
15	16QAM	36	0	ANT0	FULL	21.14	21.20	21.31	22.00
15	16QAM	36	19	ANT0	FULL	21.27	21.32	21.31	22.00
15	16QAM	36	39	ANT0	FULL	21.28	21.34	21.24	22.00
15	16QAM	75	0	ANT0	FULL	21.22	21.28	21.27	22.00
15	64QAM	1	0	ANT0	FULL	21.38	21.31	21.63	22.00
15	64QAM	1	37	ANT0	FULL	21.50	21.43	21.73	22.00
15	64QAM	1	74	ANT0	FULL	21.55	21.36	21.64	22.00
15	64QAM	36	0	ANT0	FULL	20.18	20.27	20.24	21.00
15	64QAM	36	19	ANT0	FULL	20.31	20.35	20.28	21.00
15	64QAM	36	39	ANT0	FULL	20.31	20.37	20.23	21.00
15	64QAM	75	0	ANT0	FULL	20.26	20.30	20.32	21.00

Band				LTE Band7					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	20850	21100	21350	Tune-up power(dBm)
20	QPSK	1	0	ANT0	FULL	23.08	23.11	23.24	24.00
20	QPSK	1	49	ANT0	FULL	23.34	23.40	23.34	24.00
20	QPSK	1	99	ANT0	FULL	23.27	23.28	23.19	24.00
20	QPSK	50	0	ANT0	FULL	22.03	22.16	22.30	23.00
20	QPSK	50	25	ANT0	FULL	22.25	22.28	22.31	23.00
20	QPSK	50	50	ANT0	FULL	22.25	22.33	22.20	23.00
20	QPSK	100	0	ANT0	FULL	22.12	22.23	22.22	23.00
20	16QAM	1	0	ANT0	FULL	22.33	22.26	22.76	23.00
20	16QAM	1	49	ANT0	FULL	22.59	22.51	22.88	23.00
20	16QAM	1	99	ANT0	FULL	22.57	22.42	22.71	23.00
20	16QAM	50	0	ANT0	FULL	20.97	21.12	21.31	22.00
20	16QAM	50	25	ANT0	FULL	21.20	21.28	21.31	22.00
20	16QAM	50	50	ANT0	FULL	21.22	21.29	21.17	22.00
20	16QAM	100	0	ANT0	FULL	21.12	21.21	21.22	22.00
20	64QAM	1	0	ANT0	FULL	21.19	21.35	21.11	22.00
20	64QAM	1	49	ANT0	FULL	21.44	21.63	21.25	22.00
20	64QAM	1	99	ANT0	FULL	21.41	21.49	21.07	22.00
20	64QAM	50	0	ANT0	FULL	20.05	20.15	20.37	21.00
20	64QAM	50	25	ANT0	FULL	20.29	20.30	20.37	21.00
20	64QAM	50	50	ANT0	FULL	20.31	20.38	20.20	21.00
20	64QAM	100	0	ANT0	FULL	20.13	20.21	20.28	21.00

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	ANT0	FULL	23.12	23.20	23.07	24.00
1.4	QPSK	1	2	ANT0	FULL	23.29	23.42	23.13	24.00
1.4	QPSK	1	5	ANT0	FULL	23.31	23.27	23.12	24.00
1.4	QPSK	3	0	ANT0	FULL	23.28	22.97	23.18	24.00
1.4	QPSK	3	1	ANT0	FULL	23.07	23.28	23.26	24.00
1.4	QPSK	3	3	ANT0	FULL	23.12	23.19	22.91	24.00
1.4	QPSK	6	0	ANT0	FULL	22.09	22.09	22.17	23.00
1.4	16QAM	1	0	ANT0	FULL	21.97	22.47	22.12	23.00
1.4	16QAM	1	2	ANT0	FULL	22.11	22.42	22.35	23.00
1.4	16QAM	1	5	ANT0	FULL	22.10	22.48	22.18	23.00
1.4	16QAM	3	0	ANT0	FULL	22.11	22.22	22.23	23.00
1.4	16QAM	3	1	ANT0	FULL	22.23	22.26	22.43	23.00
1.4	16QAM	3	3	ANT0	FULL	22.14	22.16	22.20	23.00
1.4	16QAM	6	0	ANT0	FULL	21.19	21.25	21.06	22.00
1.4	64QAM	1	0	ANT0	FULL	20.91	21.50	21.06	22.00
1.4	64QAM	1	2	ANT0	FULL	20.99	21.61	21.11	22.00
1.4	64QAM	1	5	ANT0	FULL	20.92	21.62	21.30	22.00
1.4	64QAM	3	0	ANT0	FULL	21.26	21.02	21.35	22.00
1.4	64QAM	3	1	ANT0	FULL	21.43	21.10	21.30	22.00
1.4	64QAM	3	3	ANT0	FULL	21.22	21.07	21.39	22.00
1.4	64QAM	6	0	ANT0	FULL	20.23	20.32	19.98	21.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23025	23095	23165	Tune-up power(dBm)
3	QPSK	1	0	ANT0	FULL	23.20	23.30	23.16	24.00
3	QPSK	1	7	ANT0	FULL	23.20	23.44	23.24	24.00
3	QPSK	1	14	ANT0	FULL	23.10	23.25	23.14	24.00
3	QPSK	8	0	ANT0	FULL	22.20	22.18	22.14	23.00
3	QPSK	8	3	ANT0	FULL	22.24	22.04	22.06	23.00
3	QPSK	8	7	ANT0	FULL	22.01	22.32	21.96	23.00
3	QPSK	15	0	ANT0	FULL	22.30	22.14	22.14	23.00
3	16QAM	1	0	ANT0	FULL	21.99	22.36	22.05	23.00
3	16QAM	1	7	ANT0	FULL	22.13	22.52	22.12	23.00
3	16QAM	1	14	ANT0	FULL	22.15	22.54	22.31	23.00
3	16QAM	8	0	ANT0	FULL	21.24	21.15	21.13	22.00
3	16QAM	8	3	ANT0	FULL	21.45	21.28	21.26	22.00
3	16QAM	8	7	ANT0	FULL	21.37	21.13	21.34	22.00
3	16QAM	15	0	ANT0	FULL	21.27	21.41	21.31	22.00
3	64QAM	1	0	ANT0	FULL	20.96	21.54	21.01	22.00
3	64QAM	1	7	ANT0	FULL	20.86	21.38	21.16	22.00
3	64QAM	1	14	ANT0	FULL	21.18	21.72	21.15	22.00
3	64QAM	8	0	ANT0	FULL	20.17	20.06	20.33	21.00
3	64QAM	8	3	ANT0	FULL	20.30	20.16	20.51	21.00
3	64QAM	8	7	ANT0	FULL	20.10	20.26	20.30	21.00
3	64QAM	15	0	ANT0	FULL	20.27	20.36	20.20	21.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23035	23095	23155	Tune-up power(dBm)
5	QPSK	1	0	ANT0	FULL	23.09	23.09	23.13	24.00
5	QPSK	1	12	ANT0	FULL	23.26	23.39	23.29	24.00
5	QPSK	1	24	ANT0	FULL	23.37	23.21	23.31	24.00
5	QPSK	12	0	ANT0	FULL	22.10	22.01	22.03	23.00
5	QPSK	12	6	ANT0	FULL	22.26	22.30	22.22	23.00
5	QPSK	12	13	ANT0	FULL	22.28	22.18	22.00	23.00
5	QPSK	25	0	ANT0	FULL	22.32	22.23	22.09	23.00
5	16QAM	1	0	ANT0	FULL	21.97	22.58	22.24	23.00
5	16QAM	1	12	ANT0	FULL	22.05	22.56	22.37	23.00
5	16QAM	1	24	ANT0	FULL	22.07	22.59	22.09	23.00
5	16QAM	12	0	ANT0	FULL	21.16	21.19	21.25	22.00
5	16QAM	12	6	ANT0	FULL	21.18	21.43	21.20	22.00
5	16QAM	12	13	ANT0	FULL	21.35	21.23	21.15	22.00
5	16QAM	25	0	ANT0	FULL	21.27	21.41	21.15	22.00
5	64QAM	1	0	ANT0	FULL	20.94	21.54	20.92	22.00
5	64QAM	1	12	ANT0	FULL	20.96	21.53	21.26	22.00
5	64QAM	1	24	ANT0	FULL	20.92	21.62	21.18	22.00
5	64QAM	12	0	ANT0	FULL	20.06	20.08	20.28	21.00
5	64QAM	12	6	ANT0	FULL	20.27	20.08	20.38	21.00
5	64QAM	12	13	ANT0	FULL	20.17	20.10	20.22	21.00
5	64QAM	25	0	ANT0	FULL	20.37	20.41	20.11	21.00

Band				LTE B12					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23060	23095	23130	Tune-up power(dBm)
10	QPSK	1	0	ANT0	FULL	23.07	23.17	23.12	24.00
10	QPSK	1	24	ANT0	FULL	23.20	23.29	23.26	24.00
10	QPSK	1	49	ANT0	FULL	23.22	23.30	23.18	24.00
10	QPSK	25	0	ANT0	FULL	22.14	22.09	22.04	23.00
10	QPSK	25	12	ANT0	FULL	22.16	22.18	22.14	23.00
10	QPSK	25	25	ANT0	FULL	22.14	22.19	22.05	23.00
10	QPSK	50	0	ANT0	FULL	22.02	22.04	22.03	23.00
10	16QAM	1	0	ANT0	FULL	22.00	22.49	22.10	23.00
10	16QAM	1	24	ANT0	FULL	22.12	22.56	22.22	23.00
10	16QAM	1	49	ANT0	FULL	22.10	22.58	22.22	23.00
10	16QAM	25	0	ANT0	FULL	21.25	21.23	21.24	22.00
10	16QAM	25	12	ANT0	FULL	21.32	21.29	21.33	22.00
10	16QAM	25	25	ANT0	FULL	21.26	21.27	21.24	22.00
10	16QAM	50	0	ANT0	FULL	21.23	21.27	21.16	22.00
10	64QAM	1	0	ANT0	FULL	20.95	21.60	21.06	22.00
10	64QAM	1	24	ANT0	FULL	20.98	21.51	21.24	22.00
10	64QAM	1	49	ANT0	FULL	21.05	21.67	21.18	22.00
10	64QAM	25	0	ANT0	FULL	20.12	20.13	20.22	21.00
10	64QAM	25	12	ANT0	FULL	20.33	20.17	20.40	21.00
10	64QAM	25	25	ANT0	FULL	20.15	20.12	20.27	21.00
10	64QAM	50	0	ANT0	FULL	20.34	20.38	20.06	21.00

Band				LTE Band13					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23205	23230	23255	Tune-up power(dBm)
5	QPSK	1	0	ANT0	FULL	23.08	23.04	23.04	24.00
5	QPSK	1	12	ANT0	FULL	23.23	23.21	23.21	24.00
5	QPSK	1	24	ANT0	FULL	23.08	23.10	23.10	24.00
5	QPSK	12	0	ANT0	FULL	22.03	22.04	22.11	23.00
5	QPSK	12	6	ANT0	FULL	22.15	22.15	22.15	23.00
5	QPSK	12	13	ANT0	FULL	22.12	22.09	22.13	23.00
5	QPSK	25	0	ANT0	FULL	22.08	22.10	22.12	23.00
5	16QAM	1	0	ANT0	FULL	21.98	22.33	22.15	23.00
5	16QAM	1	12	ANT0	FULL	22.11	22.49	22.27	23.00
5	16QAM	1	24	ANT0	FULL	21.93	22.38	22.18	23.00
5	16QAM	12	0	ANT0	FULL	21.01	21.08	21.10	22.00
5	16QAM	12	6	ANT0	FULL	21.15	21.15	21.11	22.00
5	16QAM	12	13	ANT0	FULL	21.07	21.13	21.11	22.00
5	16QAM	25	0	ANT0	FULL	21.21	21.07	21.18	22.00
5	64QAM	1	0	ANT0	FULL	21.09	21.17	21.25	22.00
5	64QAM	1	12	ANT0	FULL	21.22	21.35	21.41	22.00
5	64QAM	1	24	ANT0	FULL	21.04	21.28	21.26	22.00
5	64QAM	12	0	ANT0	FULL	20.11	20.13	20.30	21.00
5	64QAM	12	6	ANT0	FULL	20.23	20.26	20.35	21.00
5	64QAM	12	13	ANT0	FULL	20.19	20.19	20.29	21.00
5	64QAM	25	0	ANT0	FULL	20.25	20.24	20.24	21.00

Band				LTE Band13					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	/	23230	/	Tune-up power(dBm)
10	QPSK	1	0	ANT0	FULL	/	23.13	/	24.00
10	QPSK	1	24	ANT0	FULL	/	23.18	/	24.00
10	QPSK	1	49	ANT0	FULL	/	23.19	/	24.00
10	QPSK	25	0	ANT0	FULL	/	21.99	/	23.00
10	QPSK	25	12	ANT0	FULL	/	22.21	/	23.00
10	QPSK	25	25	ANT0	FULL	/	22.13	/	23.00
10	QPSK	50	0	ANT0	FULL	/	22.06	/	23.00
10	16QAM	1	0	ANT0	FULL	/	22.68	/	23.00
10	16QAM	1	24	ANT0	FULL	/	22.74	/	23.00
10	16QAM	1	49	ANT0	FULL	/	22.73	/	23.00
10	16QAM	25	0	ANT0	FULL	/	21.09	/	22.00
10	16QAM	25	12	ANT0	FULL	/	21.21	/	22.00
10	16QAM	25	25	ANT0	FULL	/	21.13	/	22.00
10	16QAM	50	0	ANT0	FULL	/	21.03	/	22.00
10	64QAM	1	0	ANT0	FULL	/	21.36	/	22.00
10	64QAM	1	24	ANT0	FULL	/	21.47	/	22.00
10	64QAM	1	49	ANT0	FULL	/	21.44	/	22.00
10	64QAM	25	0	ANT0	FULL	/	20.12	/	21.00
10	64QAM	25	12	ANT0	FULL	/	20.33	/	21.00
10	64QAM	25	25	ANT0	FULL	/	20.20	/	21.00
10	64QAM	50	0	ANT0	FULL	/	20.20	/	21.00

Band				LTE B17					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23755	23790	23825	Tune-up power(dBm)
5	QPSK	1	0	ANT0	FULL	23.05	23.22	23.13	24.00
5	QPSK	1	12	ANT0	FULL	23.02	23.26	23.28	24.00
5	QPSK	1	24	ANT0	FULL	23.17	23.33	23.31	24.00
5	QPSK	12	0	ANT0	FULL	21.89	22.01	22.14	23.00
5	QPSK	12	6	ANT0	FULL	22.02	22.07	22.12	23.00
5	QPSK	12	13	ANT0	FULL	21.98	22.07	22.19	23.00
5	QPSK	25	0	ANT0	FULL	21.93	22.04	21.87	23.00
5	16QAM	1	0	ANT0	FULL	22.14	22.13	22.51	23.00
5	16QAM	1	12	ANT0	FULL	22.29	22.08	22.48	23.00
5	16QAM	1	24	ANT0	FULL	22.17	21.97	22.56	23.00
5	16QAM	12	0	ANT0	FULL	21.33	21.15	21.27	22.00
5	16QAM	12	6	ANT0	FULL	21.18	21.26	21.16	22.00
5	16QAM	12	13	ANT0	FULL	21.24	20.99	21.16	22.00
5	16QAM	25	0	ANT0	FULL	21.27	21.25	21.06	22.00
5	64QAM	1	0	ANT0	FULL	21.26	21.08	21.38	22.00
5	64QAM	1	12	ANT0	FULL	20.96	21.09	21.87	22.00
5	64QAM	1	24	ANT0	FULL	21.11	21.07	21.83	22.00
5	64QAM	12	0	ANT0	FULL	20.15	20.05	20.22	21.00
5	64QAM	12	6	ANT0	FULL	20.07	20.23	20.48	21.00
5	64QAM	12	13	ANT0	FULL	20.44	19.86	20.24	21.00
5	64QAM	25	0	ANT0	FULL	19.97	20.17	20.08	21.00

Band				LTE B17					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	23780	23790	23800	Tune-up power(dBm)
10	QPSK	1	0	ANT0	FULL	23.08	23.14	23.18	24.00
10	QPSK	1	24	ANT0	FULL	23.17	23.19	23.29	24.00
10	QPSK	1	49	ANT0	FULL	23.15	23.35	23.31	24.00
10	QPSK	25	0	ANT0	FULL	22.02	22.02	22.00	23.00
10	QPSK	25	12	ANT0	FULL	22.15	22.18	22.10	23.00
10	QPSK	25	25	ANT0	FULL	22.07	22.02	22.04	23.00
10	QPSK	50	0	ANT0	FULL	21.96	22.01	21.98	23.00
10	16QAM	1	0	ANT0	FULL	22.08	22.03	22.47	23.00
10	16QAM	1	24	ANT0	FULL	22.16	22.11	22.58	23.00
10	16QAM	1	49	ANT0	FULL	22.15	22.11	22.54	23.00
10	16QAM	25	0	ANT0	FULL	21.19	21.11	21.16	22.00
10	16QAM	25	12	ANT0	FULL	21.29	21.28	21.24	22.00
10	16QAM	25	25	ANT0	FULL	21.26	21.13	21.15	22.00
10	16QAM	50	0	ANT0	FULL	21.17	21.13	21.10	22.00
10	64QAM	1	0	ANT0	FULL	21.20	20.94	21.43	22.00
10	64QAM	1	24	ANT0	FULL	21.03	21.12	21.72	22.00
10	64QAM	1	49	ANT0	FULL	21.16	21.05	21.69	22.00
10	64QAM	25	0	ANT0	FULL	20.06	19.97	20.08	21.00
10	64QAM	25	12	ANT0	FULL	20.19	20.17	20.35	21.00
10	64QAM	25	25	ANT0	FULL	20.38	19.99	20.29	21.00
10	64QAM	50	0	ANT0	FULL	20.03	20.02	19.98	21.00

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	ANT0	FULL	22.89	22.79	22.93	24.00
1.4	QPSK	1	2	ANT0	FULL	23.30	23.06	23.21	24.00
1.4	QPSK	1	5	ANT0	FULL	22.99	22.90	23.01	24.00
1.4	QPSK	3	0	ANT0	FULL	22.92	23.09	22.95	24.00
1.4	QPSK	3	1	ANT0	FULL	23.15	23.19	23.03	24.00
1.4	QPSK	3	3	ANT0	FULL	23.06	23.03	22.95	24.00
1.4	QPSK	6	0	ANT0	FULL	22.12	22.02	22.07	23.00
1.4	16QAM	1	0	ANT0	FULL	22.48	22.39	22.34	23.00
1.4	16QAM	1	2	ANT0	FULL	22.88	22.67	22.67	23.00
1.4	16QAM	1	5	ANT0	FULL	22.57	22.53	22.61	23.00
1.4	16QAM	3	0	ANT0	FULL	22.22	22.21	22.10	23.00
1.4	16QAM	3	1	ANT0	FULL	22.24	22.25	22.20	23.00
1.4	16QAM	3	3	ANT0	FULL	22.22	22.10	22.15	23.00
1.4	16QAM	6	0	ANT0	FULL	21.18	21.11	21.09	22.00
1.4	64QAM	1	0	ANT0	FULL	21.36	21.43	21.23	22.00
1.4	64QAM	1	2	ANT0	FULL	21.82	21.59	21.60	22.00
1.4	64QAM	1	5	ANT0	FULL	21.45	21.59	21.59	22.00
1.4	64QAM	3	0	ANT0	FULL	21.18	21.03	21.14	22.00
1.4	64QAM	3	1	ANT0	FULL	21.19	21.36	21.18	22.00
1.4	64QAM	3	3	ANT0	FULL	21.29	21.43	21.10	22.00
1.4	64QAM	6	0	ANT0	FULL	20.28	20.25	20.06	21.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131987	132322	132657	Tune-up power(dBm)
3	QPSK	1	0	ANT0	FULL	22.85	22.84	23.01	24.00
3	QPSK	1	7	ANT0	FULL	23.22	23.02	23.06	24.00
3	QPSK	1	14	ANT0	FULL	23.04	23.11	22.88	24.00
3	QPSK	8	0	ANT0	FULL	22.04	21.92	22.02	23.00
3	QPSK	8	3	ANT0	FULL	22.03	22.07	22.03	23.00
3	QPSK	8	7	ANT0	FULL	22.05	22.07	22.00	23.00
3	QPSK	15	0	ANT0	FULL	22.22	22.18	22.03	23.00
3	16QAM	1	0	ANT0	FULL	22.37	22.42	22.46	23.00
3	16QAM	1	7	ANT0	FULL	22.87	22.67	22.58	23.00
3	16QAM	1	14	ANT0	FULL	22.45	22.48	22.46	23.00
3	16QAM	8	0	ANT0	FULL	21.17	21.17	21.10	22.00
3	16QAM	8	3	ANT0	FULL	21.12	21.37	21.10	22.00
3	16QAM	8	7	ANT0	FULL	21.30	21.23	20.96	22.00
3	16QAM	15	0	ANT0	FULL	21.34	20.94	21.11	22.00
3	64QAM	1	0	ANT0	FULL	21.34	21.30	21.41	22.00
3	64QAM	1	7	ANT0	FULL	21.72	21.66	21.53	22.00
3	64QAM	1	14	ANT0	FULL	21.30	21.41	21.56	22.00
3	64QAM	8	0	ANT0	FULL	20.28	20.21	20.12	21.00
3	64QAM	8	3	ANT0	FULL	20.26	20.13	20.20	21.00
3	64QAM	8	7	ANT0	FULL	20.54	20.35	20.05	21.00
3	64QAM	15	0	ANT0	FULL	20.22	20.12	20.01	21.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	131997	132322	132647	Tune-up power(dBm)
5	QPSK	1	0	ANT0	FULL	22.88	23.00	22.88	24.00
5	QPSK	1	12	ANT0	FULL	23.30	23.01	23.13	24.00
5	QPSK	1	24	ANT0	FULL	23.13	23.02	23.10	24.00
5	QPSK	12	0	ANT0	FULL	21.96	22.16	22.06	23.00
5	QPSK	12	6	ANT0	FULL	22.26	22.29	22.19	23.00
5	QPSK	12	13	ANT0	FULL	22.30	22.16	21.93	23.00
5	QPSK	25	0	ANT0	FULL	22.20	21.90	21.87	23.00
5	16QAM	1	0	ANT0	FULL	22.56	22.29	22.24	23.00
5	16QAM	1	12	ANT0	FULL	22.58	22.48	22.63	23.00
5	16QAM	1	24	ANT0	FULL	22.63	22.62	22.36	23.00
5	16QAM	12	0	ANT0	FULL	21.04	21.09	21.06	22.00
5	16QAM	12	6	ANT0	FULL	21.19	21.32	21.11	22.00
5	16QAM	12	13	ANT0	FULL	21.31	21.05	21.04	22.00
5	16QAM	25	0	ANT0	FULL	21.20	21.00	21.02	22.00
5	64QAM	1	0	ANT0	FULL	21.39	21.46	21.35	22.00
5	64QAM	1	12	ANT0	FULL	21.97	21.50	21.38	22.00
5	64QAM	1	24	ANT0	FULL	21.46	21.40	21.70	22.00
5	64QAM	12	0	ANT0	FULL	19.99	20.18	19.97	21.00
5	64QAM	12	6	ANT0	FULL	20.07	20.27	20.20	21.00
5	64QAM	12	13	ANT0	FULL	20.34	20.42	20.24	21.00
5	64QAM	25	0	ANT0	FULL	20.24	20.03	20.08	21.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132022	132322	132622	Tune-up power(dBm)
10	QPSK	1	0	ANT0	FULL	22.89	22.77	22.90	24.00
10	QPSK	1	24	ANT0	FULL	23.08	23.16	23.08	24.00
10	QPSK	1	49	ANT0	FULL	23.00	22.96	23.07	24.00
10	QPSK	25	0	ANT0	FULL	22.12	21.98	22.02	23.00
10	QPSK	25	12	ANT0	FULL	22.19	22.11	22.20	23.00
10	QPSK	25	25	ANT0	FULL	22.13	21.94	21.90	23.00
10	QPSK	50	0	ANT0	FULL	22.10	21.94	22.00	23.00
10	16QAM	1	0	ANT0	FULL	22.32	22.14	22.49	23.00
10	16QAM	1	24	ANT0	FULL	22.69	22.45	22.44	23.00
10	16QAM	1	49	ANT0	FULL	22.64	22.53	22.41	23.00
10	16QAM	25	0	ANT0	FULL	21.23	20.93	20.91	22.00
10	16QAM	25	12	ANT0	FULL	21.33	21.36	21.20	22.00
10	16QAM	25	25	ANT0	FULL	21.23	21.21	21.03	22.00
10	16QAM	50	0	ANT0	FULL	21.10	20.99	21.07	22.00
10	64QAM	1	0	ANT0	FULL	21.26	21.32	21.20	22.00
10	64QAM	1	24	ANT0	FULL	21.85	21.68	21.40	22.00
10	64QAM	1	49	ANT0	FULL	21.45	21.67	21.69	22.00
10	64QAM	25	0	ANT0	FULL	20.20	20.01	20.14	21.00
10	64QAM	25	12	ANT0	FULL	20.01	20.22	20.11	21.00
10	64QAM	25	25	ANT0	FULL	20.41	20.39	20.13	21.00
10	64QAM	50	0	ANT0	FULL	20.38	20.19	20.11	21.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132047	132322	132597	Tune-up power(dBm)
15	QPSK	1	0	ANT0	FULL	22.81	22.73	22.88	24.00
15	QPSK	1	37	ANT0	FULL	23.19	23.26	23.17	24.00
15	QPSK	1	74	ANT0	FULL	22.90	23.17	22.98	24.00
15	QPSK	36	0	ANT0	FULL	22.11	21.98	22.07	23.00
15	QPSK	36	19	ANT0	FULL	22.27	22.01	22.18	23.00
15	QPSK	36	39	ANT0	FULL	22.23	22.16	21.99	23.00
15	QPSK	75	0	ANT0	FULL	22.20	21.95	21.94	23.00
15	16QAM	1	0	ANT0	FULL	22.38	22.42	22.51	23.00
15	16QAM	1	37	ANT0	FULL	22.67	22.64	22.53	23.00
15	16QAM	1	74	ANT0	FULL	22.52	22.68	22.60	23.00
15	16QAM	36	0	ANT0	FULL	21.33	20.99	21.04	22.00
15	16QAM	36	19	ANT0	FULL	21.35	21.31	21.10	22.00
15	16QAM	36	39	ANT0	FULL	21.41	21.29	21.11	22.00
15	16QAM	75	0	ANT0	FULL	21.32	21.08	21.13	22.00
15	64QAM	1	0	ANT0	FULL	21.34	21.25	21.33	22.00
15	64QAM	1	37	ANT0	FULL	21.98	21.54	21.45	22.00
15	64QAM	1	74	ANT0	FULL	21.38	21.64	21.44	22.00
15	64QAM	36	0	ANT0	FULL	20.01	20.04	19.99	21.00
15	64QAM	36	19	ANT0	FULL	20.10	20.08	20.09	21.00
15	64QAM	36	39	ANT0	FULL	20.37	20.22	20.03	21.00
15	64QAM	75	0	ANT0	FULL	20.38	20.21	19.87	21.00

Band				LTE B66					
Bandwidth (MHz)	Modulation	RB Size	RB offset	ANT	DSI State	132072	132322	132572	Tune-up power(dBm)
20	QPSK	1	0	ANT0	FULL	22.83	22.87	22.93	24.00
20	QPSK	1	49	ANT0	FULL	23.35	23.39	23.20	24.00
20	QPSK	1	99	ANT0	FULL	23.01	23.03	23.02	24.00
20	QPSK	50	0	ANT0	FULL	22.06	22.03	21.94	23.00
20	QPSK	50	25	ANT0	FULL	22.14	22.19	22.12	23.00
20	QPSK	50	50	ANT0	FULL	22.18	22.06	22.01	23.00
20	QPSK	100	0	ANT0	FULL	21.91	21.95	21.94	23.00
20	16QAM	1	0	ANT0	FULL	22.41	22.28	22.36	23.00
20	16QAM	1	49	ANT0	FULL	22.73	22.58	22.55	23.00
20	16QAM	1	99	ANT0	FULL	22.53	22.56	22.49	23.00
20	16QAM	50	0	ANT0	FULL	21.18	21.08	21.00	22.00
20	16QAM	50	25	ANT0	FULL	21.24	21.23	21.17	22.00
20	16QAM	50	50	ANT0	FULL	21.27	21.15	21.03	22.00
20	16QAM	100	0	ANT0	FULL	21.20	21.07	21.00	22.00
20	64QAM	1	0	ANT0	FULL	21.35	21.38	21.27	22.00
20	64QAM	1	49	ANT0	FULL	21.84	21.64	21.45	22.00
20	64QAM	1	99	ANT0	FULL	21.40	21.55	21.59	22.00
20	64QAM	50	0	ANT0	FULL	20.14	20.15	20.02	21.00
20	64QAM	50	25	ANT0	FULL	20.13	20.22	20.22	21.00
20	64QAM	50	50	ANT0	FULL	20.42	20.29	20.13	21.00
20	64QAM	100	0	ANT0	FULL	20.24	20.16	20.00	21.00

8.2 WIFI Output Power

test Mode	Modulation	Channel number	Fre.(MHz)	Output power(dBm)	Tune up power(dBm)	SAR Test
WIFI 2.4G	11b	1	2412	18.10	18.50	Yes
		6	2437	17.95	18.50	Yes
		11	2462	17.86	18.50	Yes
	11g	1	2412	17.01	18.00	No
		6	2437	17.16	18.00	No
		11	2462	17.03	18.00	No
	HT20	1	2412	16.84	17.00	No
		6	2437	16.91	17.00	No
		11	2462	16.86	17.00	No
	HT40	3	2422	16.48	17.00	No
		6	2437	16.33	17.00	No
		9	2452	16.32	17.00	No
	ax20	1	2412	16.85	17.00	No
		6	2437	16.82	17.00	No
		11	2462	16.64	17.00	No
	ax40	3	2422	16.51	17.00	No
		6	2437	16.39	17.00	No
		9	2452	16.33	17.00	No
	11ax20-RU26	1	2412	16.49	17.00	No
		6	2437	16.32	17.00	No
		11	2462	16.37	17.00	No
	11ax20-RU52	1	2412	16.48	17.00	No
		6	2437	16.30	17.00	No
		11	2462	16.35	17.00	No
	11ax20-RU106	1	2412	16.49	17.00	No
		6	2437	16.25	17.00	No
		11	2462	16.33	17.00	No
	11ax40-RU26	3	2422	16.01	17.00	No
		6	2437	16.60	17.00	No
		9	2452	16.09	17.00	No
	11ax40-RU52	3	2422	15.99	17.00	No
		6	2437	16.52	17.00	No
		9	2452	16.06	17.00	No
	11ax40-RU106	3	2422	16.05	17.00	No
		6	2437	16.54	17.00	No
		9	2452	16.05	17.00	No
	11ax40-RU242	3	2422	16.15	17.00	No
		6	2437	16.24	17.00	No
		9	2452	15.92	17.00	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) SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure. 2) According KDB 248227, 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 = $0.295 * (63.09\text{mW}/70.79\text{mW}) = 0.263$ W/Kg, so 2.4G OFDM SAR test is not required.						

test Mode	Modulation	Channel number	Fre.(MHz)	Output power(dBm)	Tune up power(dBm)	SAR Test
5.2 WIFI	11a	36	5180	13.31	13.50	Yes
		44	5220	13.37	13.50	Yes
		48	5240	13.29	13.50	Yes
	11n20	36	5180	13.33	13.50	No
		44	5220	13.24	13.50	No
		48	5240	13.32	13.50	No
	11n40	38	5190	12.64	13.00	No
		46	5230	12.69	13.00	No
	11ac20	36	5180	13.31	13.50	No
		44	5220	13.09	13.50	No
		48	5240	13.21	13.50	No
	11ac40	38	5190	12.64	13.00	No
		46	5230	12.61	13.00	No
	11ac80	42	5210	12.76	13.00	No
	11ax20	36	5180	13.12	13.50	No
		44	5220	13.34	13.50	No
		48	5240	13.11	13.50	No
	11ax40	38	5190	12.55	13.00	No
		46	5230	12.85	13.00	No
	11ax80	42	5210	12.63	13.00	No
	11ax20-26RU	36	5180	12.64	13.50	No
		44	5220	13.45	13.50	No
		48	5240	13.03	13.50	No
	11ax20-52RU	36	5180	13.24	13.50	No
		44	5220	13.49	13.50	No
		48	5240	13.15	13.50	No
	11ax20-106RU	36	5180	13.16	13.50	No
		44	5220	13.41	13.50	No
		48	5240	12.97	13.50	No
	11ax40-26RU	38	5190	12.80	13.00	No
		46	5230	12.97	13.00	No
	11ax40-52RU	38	5190	12.75	13.00	No
		46	5230	12.99	13.00	No
	11ax40-106RU	38	5190	12.74	13.00	No
		46	5230	12.96	13.00	No
	11ax40-242RU	38	5190	12.61	13.00	No
		46	5230	12.76	13.00	No
	11ax80-26RU	42	5210	12.89	13.00	No
	11ax80-52RU	42	5210	12.94	13.00	No
	11ax80-106RU	42	5210	12.97	13.00	No
	11ax80-242RU	42	5210	12.76	13.00	No
	11ax80-484RU	42	5210	12.75	13.00	No
	11a	149	5745	16.18	16.50	Yes
		157	5785	16.29	16.50	Yes
		165	5825	16.27	16.50	Yes
	11n20	149	5745	16.08	16.50	No
		157	5785	16.35	16.50	No
		165	5825	16.20	16.50	No
	11n40	151	5755	15.64	16.00	No
		159	5795	15.65	16.00	No
	11ac20	149	5745	16.07	16.50	No
		157	5785	16.30	16.50	No
		165	5825	16.31	16.50	No
	11ac40	151	5755	15.85	16.00	No
		159	5795	15.81	16.00	No
	11ac80	155	5775	15.80	16.00	No
	11ax20	149	5745	16.06	16.50	No
		157	5785	16.18	16.50	No
		165	5825	16.27	16.50	No
	11ax40	151	5755	15.58	16.00	No
		159	5795	15.84	16.00	No
	11ax80	155	5775	15.79	16.00	No

5.8G WIFI	11ax20-26RU	149	5745	16.19	16.50	No
		157	5785	15.84	16.50	No
		165	5825	15.52	16.50	No
	11ax20-52RU	149	5745	16.11	16.50	No
		157	5785	15.81	16.50	No
		165	5825	15.64	16.50	No
	11ax20-106RU	149	5745	16.12	16.50	No
		157	5785	15.77	16.50	No
		165	5825	15.52	16.50	No
	11ax40-26RU	151	5755	15.99	16.00	No
		159	5795	15.94	16.00	No
	11ax40-52RU	151	5755	15.95	16.00	No
		159	5795	15.94	16.00	No
	11ax40-106RU	151	5755	15.89	16.00	No
		159	5795	15.88	16.00	No
	11ax40-242RU	151	5755	15.77	16.00	No
		159	5795	15.78	16.00	No
	11ax80-26RU	155	5775	15.97	16.00	No
	11ax80-52RU	155	5775	15.96	16.00	No
	11ax80-106RU	155	5775	15.84	16.00	No
	11ax80-242RU	155	5775	15.79	16.00	No
	11ax80-484RU	155	5775	15.84	16.00	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 among the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11a/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,and finally 802.11ax.						

8.3 Bluetooth

8.3.1 Bluetooth Output Power

Bluetooth					
test Mode	Modulation	Fre.(MHz)	Output power(dBm)	Tune up power(dBm)	SAR Test
BT	DH5	2402	12.54	13.00	Yes
		2441	12.50	13.00	Yes
		2480	12.26	13.00	Yes
	2DH5	2402	9.78	10.00	No
		2441	9.63	10.00	No
		2480	9.25	10.00	No
	3DH5	2402	9.56	10.00	No
		2441	9.36	10.00	No
		2480	9.02	10.00	No
	BLE1M	2402	12.79	13.00	No
		2440	12.76	13.00	No
		2480	12.46	13.00	No
	BLE2M	2404	12.57	13.00	No
		2440	12.51	13.00	No
		2478	12.29	13.00	No
Note: Since bluetooth BR mode is the maximum output power mode, SAR measurements were performed with test software using DH5 modulation,and SAR measurement is not required for the EDR and LE. When the secondary mode is ≤ ¼ dB higher than the primary mode.					

8.3.2 Bluetooth Duty Cycle

The Bluetooth duty cycle is 56.49% 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

