

APP A Conducted Power

1. WCDMA Conducted Power

UMTS 1900MHz (Band II)		Average Power (dBm)			Tune-up Limit (dBm)
		9262CH	9400CH	9538CH	
WCDMA	12.2kbps RMC	23.06	22.93	23.05	23.5
	64kbps RMC	22.97	22.87	22.99	23
	144kbps RMC	22.89	22.75	22.93	23
	384kbps RMC	22.95	22.72	22.86	23
HSDPA	Subtest 1	22.07	21.91	21.87	22.5
	Subtest 2	21.53	21.48	21.48	22
	Subtest 3	21.55	21.48	21.4	22
	Subtest 4	21.46	21.28	21.43	21.5
HSUPA	Subtest 1	21.92	21.83	21.89	22
	Subtest 2	20.74	20.46	20.48	21
	Subtest 3	20.49	20.26	20.09	20.5
	Subtest 4	20.16	19.96	20.02	20.5

UMTS 1700MHz (Band IV)		Average Power (dBm)			Tune-up Limit (dBm)
		1312CH	1413CH	1513CH	
WCDMA	12.2kbps RMC	23.19	22.88	22.9	23.5
	64kbps RMC	22.97	22.75	22.79	23
	144kbps RMC	22.95	22.7	22.75	23
	384kbps RMC	22.7	22.68	22.69	23
HSDPA	Subtest 1	22.2	21.92	21.97	22.5
	Subtest 2	21.9	21.53	21.65	22
	Subtest 3	21.67	21.42	21.55	22
	Subtest 4	21.7	21.48	21.56	22
HSUPA	Subtest 1	22.1	21.75	21.84	22.5
	Subtest 2	21.96	21.73	21.82	22
	Subtest 3	20.54	20.15	20.17	21
	Subtest 4	20.25	19.93	20.01	20.5

UMTS 850MHz (Band V)		Average Power (dBm)			Tune-up Limit (dBm)
		4132CH	4182CH	4233CH	
WCDMA	12.2kbps RMC	23.77	23.9	23.92	24
	64kbps RMC	23.19	23.1	23.08	23.5
	144kbps RMC	22.97	22.99	22.96	23
	384kbps RMC	22.94	22.85	22.8	23
HSDPA	Subtest 1	22.52	22.92	22.94	23
	Subtest 2	22.44	22.47	22.48	22.5
	Subtest 3	22.3	22.43	22.45	22.5
	Subtest 4	22.3	22.44	22.46	22.5
HSUPA	Subtest 1	22.54	22.63	22.8	23
	Subtest 2	21.37	21.53	21.56	22
	Subtest 3	21.37	21.09	21.21	21.5
	Subtest 4	20.88	21.09	20.99	21.5

2. LTE Conducted Power

LTE B2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.44	22.63	22.39	23
		1	2	22.31	22.67	22.61	
		1	5	22.35	22.6	22.41	
		3	0	22.34	22.41	22.26	23
		3	1	22.56	22.35	22.45	
		3	3	22.35	22.49	22.42	
	16QAM	6	0	21.34	21.55	21.49	22
		1	0	21.96	21.67	21.5	22
		1	2	21.95	21.58	21.57	
		1	5	21.68	21.68	21.39	
		3	0	21.41	21.66	21.2	22
		3	1	21.38	21.38	21.15	
3	3	21.42	21.31	21.17			
		6	0	20.11	20.25	20.82	21
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				18615	18900	19185	
3MHz	QPSK	1	0	22.74	22.59	22.37	23
		1	8	22.71	22.55	22.25	
		1	14	22.52	22.61	22.28	
		8	0	21.28	21.39	21.47	22
		8	4	21.26	21.36	21.45	
		8	7	21.38	21.57	21.48	
	16QAM	15	0	21.29	21.39	21.39	21.5
		1	0	21.84	21.84	21.78	22
		1	8	21.73	21.85	21.81	
		1	14	21.78	21.8	21.83	
		8	0	20.05	20.21	20.54	21
		8	4	20.33	20.11	20.29	
8	7	20.69	20.38	20.35			
		15	0	20.21	20.3	20.22	20.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				18625	18900	19175	

5MHz	QPSK	1	0	22.06	22.29	22.29	22.5
		1	12	22.29	22.5	22.4	
		1	24	22.12	22.05	22.23	
		12	0	21.27	21.4	21.4	21.5
		12	6	21.44	21.45	21.48	
		12	13	21.29	21.47	21.36	
		25	0	21.39	21.5	21.43	21.5
	16QAM	1	0	20.86	20.82	21.33	22
		1	12	21.56	21.44	21.7	
		1	24	20.91	20.93	21.11	
		12	0	20.28	20.59	20.57	21
		12	6	20.34	20.33	20.44	
		12	13	20.29	20.55	20.43	
		25	0	20.42	20.52	20.43	21
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				18650	18900	19150	
10MHz	QPSK	1	0	22.6	22.53	22.58	23
		1	24	22.78	22.84	22.6	
		1	49	22.69	22.57	22.51	
		25	0	21.37	21.44	21.38	21.5
		25	12	21.48	21.43	21.44	
		25	25	21.36	21.33	21.39	
		50	0	21.37	21.43	21.39	21.5
	16QAM	1	0	21.78	21.81	21.39	23
		1	24	22.39	22.58	22.06	
		1	49	22.03	21.91	21.86	
		25	0	20.23	20.5	20.36	20.5
		25	12	20.43	20.37	20.44	
		25	25	20.41	20.29	20.34	
		50	0	20.41	20.34	20.27	20.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				18675	18900	19125	
15MHz	QPSK	1	0	22.51	22.74	22.58	23
		1	38	22.72	22.79	22.36	
		1	74	22.69	22.36	22.57	
		38	0	21.39	21.54	21.36	22
		38	18	21.44	21.46	21.39	
		38	37	21.46	21.39	21.44	
		75	0	21.39	21.47	21.43	21.5
	16QAM	1	0	21.9	21.81	21.9	23
		1	38	21.98	22.54	22.14	
		1	74	21.96	21.65	21.61	

		38	0	20.35	20.48	20.45	20.5
		38	18	20.37	20.29	20.38	
		38	37	20.4	20.38	20.26	
		75	0	20.35	20.39	20.29	20.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				18700	18900	19100	
20MHz	QPSK	1	0	22.56	22.53	22.37	23
		1	49	22.33	22.48	22.24	
		1	99	22.34	22.25	22.26	
		50	0	21.42	21.49	21.46	22
		50	25	21.35	21.54	21.37	
		50	50	21.34	21.44	21.42	
		100	0	21.33	21.52	21.35	22
	16QAM	1	0	21.33	21.39	21.29	21.5
		1	49	21.34	21.42	21.09	
		1	99	21.22	21.3	21.15	
		50	0	20.35	20.58	20.47	21
		50	25	20.38	20.29	20.34	
		50	50	20.37	20.44	20.36	
		100	0	20.25	20.42	20.28	20.5

LTE B4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.34	22.29	22.16	22.5
		1	2	22.4	22.23	22.35	
		1	5	22.36	22.15	22.04	
		3	0	22.32	21.97	22.08	22.5
		3	1	22.39	22.3	22.11	
		3	3	22.21	21.92	22.08	
	6	0	21.21	21.07	21	21.5	
	16QAM	1	0	21.47	21.21	21.1	22
		1	2	21.59	21.44	21.67	
		1	5	21.51	21.34	21.39	
		3	0	21.49	21.3	20.99	21.5
		3	1	21.27	21.48	21.03	
		3	3	21.28	21.33	21	
	6	0	19.87	20.04	19.85	21.5	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				19965	20175	20385	
3MHz	QPSK	1	0	22.21	22.13	21.9	22.5
		1	8	22.4	22.05	22.23	
		1	14	22.19	22.04	22.02	
		8	0	21.21	21.14	21.05	21.5
		8	4	21.23	21.05	21.12	
		8	7	21.07	21.19	21.14	
	15	0	21.24	21.15	21.14	21.5	
	16QAM	1	0	21.62	21.42	21.13	22
		1	8	21.95	21.41	21.63	
		1	14	21.62	21.49	21.23	
		8	0	19.99	19.97	19.86	20.5
		8	4	20.2	20.14	20.04	
		8	7	20.28	20.12	19.99	
	15	0	20.03	19.96	19.91	20.5	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				19975	20175	20375	
5MHz	QPSK	1	0	21.88	21.93	22.06	22.5
		1	12	22.15	22	22.26	
		1	24	22.14	21.84	22.1	

		12	0	21.26	21.14	21.18	21.5
		12	6	21.19	21.1	21.19	
		12	13	21.17	21.08	21.26	
		25	0	21.27	21.13	21.15	21.5
	16QAM	1	0	21.22	21.26	21.44	22
		1	12	21.07	21.16	21.51	
		1	24	21.24	21.09	20.98	
		12	0	20.17	20.19	20.23	20.5
		12	6	20.17	20.23	20.27	
		12	13	20.14	20.21	20.24	
25	0	20.24	19.9	20.24	20.5		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				20000	20175	20350	
10MHz	QPSK	1	0	22.39	22.05	21.97	22.5
		1	24	22.36	22.37	22.09	
		1	49	22.36	22.24	22.11	
		25	0	21.19	21.06	21.14	21.5
		25	12	21.3	21.04	21.19	
		25	25	21.26	21.07	21.19	
	50	0	21.16	21.09	21.12	21.5	
	16QAM	1	0	21.65	21.36	21.58	22.5
		1	24	22.32	22.18	21.69	
		1	49	21.58	21.47	21.7	
		25	0	20.08	20.09	20.26	20.5
		25	12	20.13	19.97	20.24	
25		25	20.2	20.09	20.22		
50	0	20.21	20.09	20.16	20.5		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				20025	20175	20325	
15MHz	QPSK	1	0	22.51	22.3	22.07	23
		1	38	22.34	22.36	22.11	
		1	74	22.55	22.38	22.29	
		38	0	21.22	21.16	21.17	21.5
		38	18	21.25	21.09	21.21	
		38	37	21.27	21.11	21.23	
	75	0	21.31	21.16	21.22	21.5	
	16QAM	1	0	21.68	21.44	21.74	22
		1	38	21.56	21.41	21.95	
		1	74	21.98	21.67	21.76	
		38	0	20.19	20.18	20.15	20.5
		38	18	20.21	20.03	20.19	
38		37	20.33	19.93	20.07		

		75	0	20.25	20.08	20.18	20.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				20050	20175	20300	
20MHz	QPSK	1	0	22.06	22.12	22.3	22.5
		1	49	22.23	22.26	22.39	
		1	99	22.1	22.05	22.39	
		50	0	21.19	21.14	21.3	21.5
		50	25	21.19	21.11	21.19	
		50	50	21.28	21.18	21.28	
		100	0	21.31	21.17	21.27	21.5
	16QAM	1	0	21.15	21.17	21.72	22
		1	49	21.05	20.94	20.88	
		1	99	21.2	20.99	21	
		50	0	20.27	20.13	20.33	20.5
		50	25	20.16	20.12	20.32	
		50	50	20.19	20.08	20.31	
		100	0	20.21	20.09	20.3	20.5

LTE B5

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.01	23.11	23.08	23.5
		1	2	23.44	23.08	23.28	
		1	5	23.08	22.99	23.07	
		3	0	23.05	23.16	23.37	23.5
		3	1	23.07	23.38	23.26	
		3	3	23.08	23.05	23.06	
		6	0	22.15	22.22	22.06	22.5
	16QAM	1	0	22.43	22.15	22.19	23
		1	2	22.65	21.8	22.27	
		1	5	22.4	22.17	22.23	
		3	0	22.19	22.03	22.06	22.5
		3	1	22.16	21.68	22.17	
		3	3	22.05	22.06	22.26	
		6	0	20.93	21.4	21.27	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				20415	20525	20635	
3MHz	QPSK	1	0	23.15	23.01	23.07	23.5
		1	8	23.21	23.23	22.93	
		1	14	23.06	23.3	22.94	
		8	0	22.02	22.12	22.06	22.5
		8	4	22.01	22.17	22.12	
		8	7	21.93	22.23	22.09	
		15	0	22.04	22.02	22.11	22.5
	16QAM	1	0	22.41	22.48	21.97	23
		1	8	22.34	22.59	21.97	
		1	14	22.26	22.6	21.62	
		8	0	21.09	21.13	21.03	21.5
		8	4	21.22	21.2	21.1	
		8	7	20.97	21.16	21.03	
		15	0	21.06	21.14	21.14	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				20425	20525	20625	
5MHz	QPSK	1	0	22.97	22.81	22.87	23.5
		1	12	23.06	23.29	23.33	
		1	24	22.84	23.03	23.02	
		12	0	22.14	22.09	22.15	22.5
		12	6	22.1	22.25	22.19	

		12	13	22.13	22.12	22.14	22.5
		25	0	22.18	22.13	22.11	
	16QAM	1	0	22.11	22.05	21.78	22.5
		1	12	22.03	22.3	22.18	
		1	24	21.84	22.07	21.66	
		12	0	21.06	21.13	21.01	21.5
		12	6	21.09	20.96	20.99	
		12	13	21.1	21.38	20.99	
25	0	21.21	20.97	21.16	21.5		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				20450	20525	20600	
10MHz	QPSK	1	0	23.29	23.32	23.13	24
		1	24	23.58	23.54	23.36	
		1	49	23.09	23.14	23.14	
		25	0	22.14	22.18	22.13	22.5
		25	12	22.14	22.11	22.13	
		25	25	22.06	22.18	22.18	
	50	0	22.1	22.06	22.11	22.5	
	16QAM	1	0	22.47	22.52	22.12	23
		1	24	22.97	22.89	22.17	
		1	49	22.57	22.66	22.13	
		25	0	21.07	21.27	21.15	21.5
		25	12	21.29	21.27	21.25	
		25	25	21.11	21.24	21.19	
		50	0	21.02	21.13	21.06	

LTE B12

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.43	23.42	23.31	24
		1	2	23.6	23.48	23.63	
		1	5	23.39	23.54	23.66	
		3	0	23.42	23.31	23.37	24
		3	1	23.2	23.63	23.55	
		3	3	23.27	23.51	23.48	
		6	0	22.23	22.27	22.5	22.5
	16QAM	1	0	22.57	22.64	22.74	23
		1	2	22.62	22.62	22.9	
		1	5	22.59	22.64	22.85	
		3	0	22.5	22.5	22.45	23
		3	1	22.64	22.55	22.53	
		3	3	22.7	22.6	22.58	
		6	0	21.45	21.42	21.28	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				23025	23095	23165	
3MHz	QPSK	1	0	23.55	23.33	23.23	24
		1	8	23.68	23.7	23.36	
		1	14	23.6	23.71	23.43	
		8	0	22.45	22.51	22.51	23
		8	4	22.41	22.48	22.52	
		8	7	22.48	22.45	22.57	
		15	0	22.54	22.47	22.49	23
	16QAM	1	0	22.78	22.56	22.57	23.5
		1	8	22.9	23.05	22.38	
		1	14	22.76	22.82	22.59	
		8	0	21.14	21.33	21.41	22
		8	4	21.45	21.63	21.58	
		8	7	20.97	21.61	21.31	
		15	0	21.59	21.67	21.51	22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				23035	23095	23155	
5MHz	QPSK	1	0	23.16	23.3	23.45	23.5
		1	12	23.47	23.76	23.29	
		1	24	23.1	23.21	23.37	
		12	0	22.41	22.43	22.5	23
		12	6	22.4	22.57	22.49	

		12	13	22.27	22.38	22.39	22.5
		25	0	22.28	22.44	22.38	
	16QAM	1	0	22.22	22.47	22.3	23
		1	12	22.48	22.82	22.48	
		1	24	22.05	22.58	22	
		12	0	21.34	21.4	21.42	22
		12	6	21.36	21.64	21.2	
		12	13	21.01	21.49	21.26	
25	0	21.33	21.42	21.39	21.5		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				23060	23095	23130	
10MHz	QPSK	1	0	23.49	23.49	23.39	24
		1	24	23.55	23.69	23.59	
		1	49	23.58	23.6	23.45	
		25	0	22.4	22.4	22.5	22.5
		25	12	22.3	22.4	22.44	
		25	25	22.41	22.39	22.4	
	50	0	22.38	22.43	22.39	22.5	
	16QAM	1	0	22.66	22.87	22.47	23.5
		1	24	23.08	23.02	22.6	
		1	49	22.99	23.03	22.19	
		25	0	21.4	21.4	21.48	22
		25	12	21.22	21.51	21.43	
		25	25	21.39	21.4	21.39	
		50	0	21.33	21.39	21.65	22

LTE B13

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				23205	23230	23255	
5MHz	QPSK	1	0	22.85	23.01	23.31	23.5
		1	12	23.29	23.36	23.33	
		1	24	23.4	23.19	23.25	
		12	0	22.16	22.3	22.36	22.5
		12	6	22.26	22.28	22.3	
		12	13	22.38	22.31	22.29	
		25	0	22.21	22.34	22.36	22.5
	16QAM	1	0	22.07	22.23	22.37	23
		1	12	22.32	22.25	22.71	
		1	24	22.08	22.04	22.35	
		12	0	21.14	21.32	21.27	22
		12	6	21.3	21.33	21.51	
		12	13	21.33	21.36	21.31	
		25	0	21.43	21.43	21.4	21.5
Bandwidth	Modulation	RB size	RB offset	Channel			Tune-up (dBm)
				23230			
10MHz	QPSK	1	0	23.36			24
		1	24	23.72			
		1	49	23.56			
		25	0	22.24			22.5
		25	12	22.32			
		25	25	22.29			
		50	0	22.25			22.5
	16QAM	1	0	22.73			23.5
		1	24	23.15			
		1	49	23.28			
		25	0	21.15			21.5
		25	12	21.32			
		25	25	21.45			
		50	0	21.27			21.5

LTE B17

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				23755	23790	23825	
5MHz	QPSK	1	0	23.39	23.37	23.47	23.5
		1	12	23.58	23.57	23.52	
		1	24	23.4	23.52	23.52	
		12	0	22.61	22.58	22.63	23
		12	6	22.61	22.59	22.71	
		12	13	22.6	22.47	22.56	
	25	0	22.59	22.56	22.59	23	
	16QAM	1	0	22.7	22.35	22.72	23
		1	12	22.51	22.56	22.99	
		1	24	22.65	22.64	21.96	
		12	0	21.61	21.57	21.85	22
		12	6	21.49	21.56	21.81	
		12	13	21.65	21.51	21.58	
	25	0	21.59	21.75	21.62	22	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up (dBm)
				23780	23790	23800	
10MHz	QPSK	1	0	23.8	23.75	23.49	24.5
		1	24	24	23.74	23.6	
		1	49	24.04	23.44	23.57	
		25	0	22.63	22.59	22.62	23
		25	12	22.66	22.54	22.58	
		25	25	22.6	22.56	22.65	
	50	0	22.65	22.6	22.54	23	
	16QAM	1	0	23.35	23.21	22.59	24
		1	24	23.74	23.22	22.54	
		1	49	23.29	23.15	22.31	
		25	0	21.57	21.63	21.72	22
		25	12	21.68	21.66	21.68	
		25	25	21.8	21.57	21.67	
	50	0	21.57	21.47	21.73	22	

3. Wi-Fi 2.4GHz

Mode	Data Rate	Ch.#	Freq. (MHz)	Ant 1		Duty Cycle (%)
				Avg. Pwr. (dBm)	Tune-up (dBm)	
802.11b	1Mbps	1	2412	16.37	16.5	98.88
		6	2437	15.93		
		11	2462	15.99		
802.11g	6Mbps	1	2412	14.28	16.5	/
		6	2437	15.23		
		11	2462	16.13		
802.11n (20M)	HT0	1	2412	13.61	14	/
		6	2437	13.25		
		11	2462	13.23		
802.11n (40M)	HT0	3	2422	14.30	14.5	/
		6	2437	14.43		
		9	2452	14.28		

4. Wi-Fi 5GHz

Band	Mode Data Rate	BW[MHz]	Channel	Freq[MHz]	Ant 1		Duty Cycle (%)
					Avg Pwr(dBm)	Tune-up (dBm)	
5.2GHz	802.11a 6Mbps	20M	36	5180	15.97	16.5	98.55
			40	5200	15.32		
			44	5220	15.15		
			48	5240	15.99		
			52	5260	16.10		
			56	5280	15.55		
			60	5300	15.42		
			64	5320	15.01		
	802.11n HT0	20M	36	5180	Not Required	14.5	
			40	5200			
			44	5220			
			48	5240			
			52	5260			
			56	5280			
			60	5300			
			64	5320			
	802.11ac VHT0	20M	36	5180	Not Required	14.5	
			40	5200			
			44	5220			
			48	5240			
			52	5260			
			56	5280			
			60	5300			
			64	5320			
	802.11n HT0	40M	38	5190	Not Required	15.5	
			46	5230			
			54	5270			
			62	5310			
802.11ac VHT0	40M	38	5190	Not Required	15.5		
		46	5230				
		54	5270				
		62	5310				
802.11ac VHT0	80M	42	5210	Not Required	14		
		58	5290				

Band	Mode Data Rate	BW[MHz]	Channel	Freq[MHz]	Ant 1		Duty Cycle (%)	
					Avg Pwr(dBm)	Tune-up (dBm)		
5.6GHz	802.11a 6Mbps	20M	100	5500	16.47	16.5	98.55	
			104	5520	16.04			
			108	5540	16.32			
			112	5560	15.87			
			116	5580	16.33			
			120	5600	15.98			
			124	5620	15.78			
			128	5640	16.11			
			132	5660	16.03			
			136	5680	15.25			
			140	5700	15.97			
		144	5720	15.18				
		802.11n HTO	20M	100	5500	Not Required	15	/
				104	5520			
				108	5540			
				112	5560			
				116	5580			
				120	5600			
				124	5620			
				128	5640			
				132	5660			
				136	5680			
				140	5700			
		144	5720					
		802.11ac VHT0	20M	100	5500	Not Required	15	/
				104	5520			
				108	5540			
				112	5560			
				116	5580			
				120	5600			
	124			5620				
	128			5640				
	132	5660						
			136	5680				

	802.11n HT0	40M	140	5700	Not Required	16	
			144	5720			
			102	5510			
			110	5550			
			118	5590			
			126	5630			
			134	5670			
	142	5710					
	802.11ac VHT0	40M	102	5510	Not Required	16	
			110	5550			
			118	5590			
			126	5630			
			134	5670			
	802.11ac VHT0	80M	106	5530	Not Required	15	
			122	5610			
138			5690				

Band	Mode Data Rate	BW[MHz]	CH	Freq[MHz]	Ant 1		Duty Cycle (%)	
					Avg Pwr(dBm)	Tune-up (dBm)		
5.8G	802.11a 6Mbps	20	149	5745	15.66	17	98.55	
			153	5765	15.45			
			157	5785	15.96			
			161	5805	15.52			
			165	5825	16.67			
	802.11n20 HT0		149	5745	Not Required	14.5	/	
			153	5765				
			157	5785				
			161	5805				
			165	5825				
	802.11ac20 VHT0		149	5745		14.5		
			153	5765				
			157	5785				
			161	5805				
	802.11n40 HT0		40	151		5755		14.5
				159		5795		14.5
	802.11ac40 VHT0		40	151		5755		14.5
159		5795		14.5				
802.11ac80 VHT0	80	155	5775	14				

5. Bluetooth

Mode	Test Mode	Ch.#	Freq. (MHz)	Ant 1		Duty Cycle (%)
				Avg. Pwr. (dBm)	Tune-up (dBm)	
Bluetooth	DH5	0	2402	7.36	8	/
		39	2441	7.2		
		78	2480	7.95		
Bluetooth	3DH5	0	2402	8.19	9	77.15
		39	2441	7.98		
		78	2480	8.7		
BLE	1M	0	2402	6.73	7.5	/
		19	2440	6.45		
		39	2480	7.19		

6. Duty Cycle

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	12.39	12.53	0.9888	98.88	0.05	0.08	0.01
11A	2.04	2.07	0.9855	98.55	0.06	0.49	0.01
3DH5	2.87	3.72	0.7715	77.15	1.13	0.35	0.5

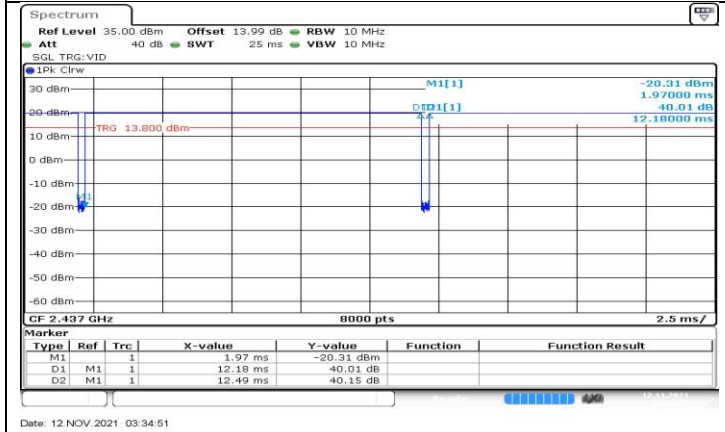
Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

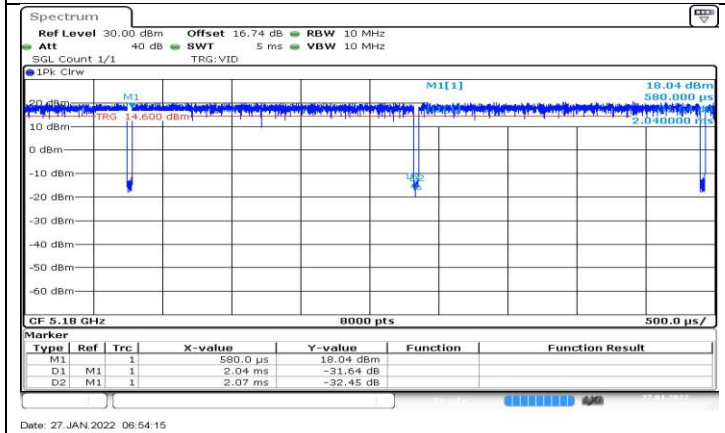
Where: T is On Time

802.11b



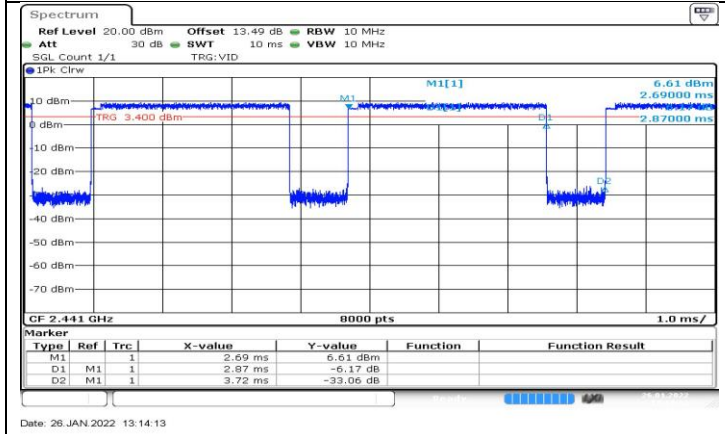
Date: 12.NOV.2021 03:34:51

802.11a



Date: 27.JAN.2022 06:54:15

BT 3DH5



Date: 26.JAN.2022 13:14:13