

A.4 MAXIMUM PEAK OUTPUT POWER

Test Date	2019/09/19 ~ 25, 12/25	Temp./Hum.	24~25°C /50~54%, 23°C /61%
Cable Loss	0.5dB	Tested By	Martin Chen
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

A.4.1 Peak Output Power

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max. Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11b	2412	21.72	21.89	21.89	0.155	1.81	23.70	0.234	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	22.40	22.43	22.43	0.175		24.24	0.265	
	2442	22.53	22.52	22.53	0.179		24.34	0.272	
	2457	22.52	22.41	22.52	0.179		24.33	0.271	
	2462	21.61	21.55	21.61	0.145		23.42	0.220	
	2467	20.72	20.65	20.72	0.118		22.53	0.179	
	2472	15.64	15.56	15.64	0.037		17.45	0.056	

SPOT CHECK

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max. Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11b	2412	21.62	21.95	21.95	0.157
	2417	22.65	22.24	22.65	0.184
	2442	22.52	22.57	22.57	0.181
	2457	22.43	22.62	22.62	0.183
	2462	21.67	21.61	21.67	0.147
	2467	20.64	20.70	20.70	0.117
	2472	15.72	15.58	15.72	0.037

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max. Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11g	2412	21.59	21.78	21.78	0.151	1.81	23.59	0.229	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	22.49	22.46	22.49	0.177		24.30	0.269	
	2442	23.71	23.81	23.81	0.240		25.62	0.365	
	2457	22.77	22.64	22.77	0.189		24.58	0.287	
	2462	22.14	22.05	22.14	0.164		23.95	0.248	
	2467	19.81	19.79	19.81	0.096		21.62	0.145	
	2472	12.92	12.29	12.92	0.020		14.73	0.030	

Note: The results have been included cable loss.

SPOT CHECK

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max. Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11g	2412	21.86	22.01	22.01	0.159
	2417	22.65	22.56	22.65	0.184
	2442	23.79	24.04	24.04	0.254
	2457	22.97	22.44	22.97	0.198
	2462	22.25	22.03	22.25	0.168
	2467	19.96	19.62	19.96	0.099
	2472	12.87	12.19	12.87	0.019

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11n-HT20	2412	19.04	19.25	22.16	0.164	1.81	23.97	0.249	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	20.21	20.11	23.17	0.207		24.98	0.315	
	2442	22.01	21.96	25.00	0.316		26.81	0.480	
	2457	20.38	20.34	23.37	0.217		25.18	0.330	
	2462	19.65	19.51	22.59	0.182		24.40	0.275	
	2467	17.11	17.01	20.07	0.102		21.88	0.154	
	2472	10.01	9.81	12.92	0.020		14.73	0.030	

SPOT CHECK

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11n-HT20	2412	19.12	19.41	22.28	0.169
	2417	20.24	20.07	23.17	0.207
	2442	21.97	22.12	25.06	0.321
	2457	20.28	20.32	23.31	0.214
	2462	19.84	19.43	22.65	0.184
	2467	17.22	17.17	20.21	0.105
	2472	10.15	9.92	13.05	0.020

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11n-HT40	2422	19.32	19.22	22.28	0.169	1.81	24.09	0.256	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2427	18.22	18.17	21.21	0.132		23.02	0.200	
	2442	19.96	19.82	22.90	0.195		24.71	0.296	
	2447	19.98	19.93	22.97	0.198		24.78	0.301	
	2452	18.69	18.64	21.68	0.147		23.49	0.223	
	2457	15.36	15.14	18.26	0.067		20.07	0.102	
	2462	12.02	11.02	14.56	0.029		16.37	0.043	

SPOT CHECK

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11n-HT40	2422	19.47	19.16	22.33	0.171
	2427	18.24	18.45	21.36	0.137
	2442	20.23	19.86	23.06	0.202
	2447	20.15	19.91	23.04	0.201
	2452	18.73	18.49	21.62	0.145
	2457	15.38	15.23	18.32	0.068
	2462	12.10	11.14	14.66	0.029

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11ax-HE20	2412	18.98	19.22	22.11	0.163	1.81	23.92	0.247	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	20.23	20.17	23.21	0.209		25.02	0.318	
	2442	21.93	21.95	24.95	0.313		26.76	0.474	
	2457	20.40	20.21	23.32	0.215		25.13	0.326	
	2462	19.63	19.53	22.59	0.182		24.40	0.275	
	2467	16.98	17.04	20.02	0.100		21.83	0.152	
	2472	10.21	9.91	13.07	0.020		14.88	0.031	

SPOT CHECK

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11ax-HE20	2412	19.19	19.23	22.22	0.167
	2417	20.40	20.40	23.41	0.219
	2442	21.91	22.15	25.04	0.319
	2457	20.65	20.10	23.39	0.218
	2462	19.65	19.79	22.73	0.187
	2467	16.78	16.90	19.85	0.097
	2472	10.31	10.11	13.22	0.021

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11ax-HE40	2422	19.08	19.13	22.12	0.163	1.81	23.93	0.247	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2427	18.02	17.94	20.99	0.126		22.80	0.191	
	2442	19.84	19.79	22.83	0.192		24.64	0.291	
	2447	19.81	19.73	22.78	0.190		24.59	0.288	
	2452	18.35	18.41	21.39	0.138		23.20	0.209	
	2457	15.11	14.94	18.04	0.064		19.85	0.097	
	2462	11.93	10.60	14.33	0.027		16.14	0.041	

SPOT CHECK

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11ax-HE40	2422	19.17	19.29	22.24	0.167
	2427	17.85	18.14	21.01	0.126
	2442	19.71	19.91	22.82	0.191
	2447	19.61	19.80	22.72	0.187
	2452	18.32	18.64	21.49	0.141
	2457	15.38	14.88	18.15	0.065
	2462	11.74	10.73	14.27	0.027

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	RU Configuration	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
			Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11ax-HE20	26/0	2412	23.52	23.65	26.60	0.457	1.81	28.41	0.693	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	52/37		23.55	23.62	26.60	0.457		28.41	0.693	
	106/53		23.42	23.67	26.56	0.453		28.37	0.687	
	26/8	2472	10.74	10.07	13.43	0.022		15.24	0.033	
	52/40		10.93	10.11	13.55	0.023		15.36	0.034	
	106/54		10.97	10.24	13.63	0.023		15.44	0.035	

SPOT CHECK

Mode	RU Configuration	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
			Chain 0	Chain 1	(dBm)	(W)
802.11ax-HE20	26/0	2412	23.29	23.52	26.42	0.439
	52/37		23.89	23.47	26.70	0.468
	106/53		23.08	23.41	26.26	0.423
	26/8	2472	10.69	9.59	13.19	0.021
	52/40		11.05	9.80	13.48	0.022
	106/54		10.86	10.23	13.57	0.023

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	RU Configuration	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
			Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11ax-HE40	242/61	2422	23.44	13.65	23.87	0.244	1.81	25.68	0.370	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	242/62	2467	14.18	14.08	17.14	0.052		18.95	0.079	

SPOT CHECK

Mode	RU Configuration	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
			Chain 0	Chain 1	(dBm)	(W)
802.11ax-HE40	242/61	2422	23.71	13.90	24.14	0.259
	242/62	2467	13.98	14.16	17.08	0.051

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max. Peak Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
BLE (1M)	2402	4.85	---	4.85	0.0031	1.81	6.66	0.0046	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2440	5.37	---	5.37	0.0034		7.18	0.0052	
	2480	4.66	---	4.66	0.0029		6.47	0.0044	
BLE (2M)	2402	4.84	---	4.84	0.0030		6.65	0.0046	
	2440	5.37	---	5.37	0.0034		7.18	0.0052	
	2480	4.66	---	4.66	0.0029		6.47	0.0044	
BLE (PHY Coded S2)	2402	4.82	---	4.82	0.0030		6.63	0.0046	
	2440	5.36	---	5.36	0.0034		7.17	0.0052	
	2480	4.65	---	4.65	0.0029		6.46	0.0044	
BLE (PHY Coded S8)	2402	4.82	---	4.82	0.0030		6.63	0.0046	
	2440	5.36	---	5.36	0.0034		7.17	0.0052	
	2480	4.65	---	4.65	0.0029		6.46	0.0044	

Note: The results have been included cable loss.

SPOT CHECK

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max. Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
BLE (1M)	2402	4.98	---	4.98	0.0031
	2440	5.46	---	5.46	0.0035
	2480	4.55	---	4.55	0.0029

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

A.4.2 Average Output Power (Reporting only)

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Max. Average Output Power		Antenna Gain (dBi)	Average Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1		(dBm)	(W)		(dBm)	(W)	
802.11b	2412	19.16	19.35	0	19.35	0.086	1.81	21.16	0.131	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	19.91	19.96		19.96	0.099		21.77	0.150	
	2442	20.04	20.02		20.04	0.101		21.85	0.153	
	2457	20.02	19.95		20.02	0.100		21.83	0.152	
	2462	19.08	18.91		19.08	0.081		20.89	0.123	
	2467	18.18	18.08		18.18	0.066		19.99	0.100	
	2472	13.08	13.05		13.08	0.020		14.89	0.031	

SPOT CHECK

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Max. Average Output Power	
		Chain 0	Chain 1		(dBm)	(W)
802.11b	2412	19.26	19.09	0	19.26	0.084
	2417	19.66	20.07		20.07	0.102
	2442	20.08	19.85		20.08	0.102
	2457	19.52	19.65		19.65	0.092
	2462	19.34	18.88		19.34	0.086
	2467	17.91	17.93		17.93	0.062
	2472	13.34	13.42		13.42	0.022

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Max. Average Output Power		Antenna Gain (dBi)	Average Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1		(dBm)	(W)		(dBm)	(W)	
802.11g	2412	16.72	16.91	0	16.91	0.049	1.81	18.72	0.074	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	17.94	17.90		17.94	0.062		19.75	0.094	
	2442	19.63	19.74		19.74	0.094		21.55	0.143	
	2457	18.21	18.05		18.21	0.066		20.02	0.100	
	2462	17.47	17.37		17.47	0.056		19.28	0.085	
	2467	14.79	14.78		14.79	0.030		16.60	0.046	
	2472	1.52	1.28		1.52	0.001		3.33	0.002	

SPOT CHECK

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Max. Average Output Power	
		Chain 0	Chain 1		(dBm)	(W)
802.11g	2412	16.55	16.59	0	16.59	0.046
	2417	18.01	18.1		18.10	0.065
	2442	19.36	19.83		19.83	0.096
	2457	18.07	18.34		18.34	0.068
	2462	17.57	17.56		17.57	0.057
	2467	14.86	14.72		14.86	0.031
	2472	1.94	1.05		1.94	0.002

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Antenna Gain (dBi)	Average Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1		(dBm)	(W)		(dBm)	(W)	
802.11n-HT20	2412	14.01	14.23	0	17.13	0.052	1.81	18.94	0.078	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	15.45	15.38		18.43	0.070		20.24	0.106	
	2442	17.15	17.13		20.15	0.104		21.96	0.157	
	2457	15.63	15.55		18.60	0.072		20.41	0.110	
	2462	14.83	14.63		17.74	0.059		19.55	0.090	
	2467	11.95	11.84		14.91	0.031		16.72	0.047	
	2472	-0.04	-0.86		2.58	0.002		4.39	0.003	

SPOT CHECK

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power	
		Chain 0	Chain 1		(dBm)	(W)
802.11n-HT20	2412	14.30	14.37	0	17.35	0.054
	2417	15.21	15.40		18.32	0.068
	2442	16.85	17.32		20.10	0.102
	2457	15.13	15.35		18.25	0.067
	2462	14.74	15.10		17.93	0.062
	2467	11.81	12.01		14.92	0.031
	2472	0.24	-0.75		2.78	0.002

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Antenna Gain (dBi)	Average Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1		(dBm)	(W)		(dBm)	(W)	
802.11n-HT40	2422	13.83	13.81	0	16.83	0.048	1.81	18.64	0.073	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2427	12.8	12.73		15.78	0.038		17.59	0.057	
	2442	14.65	14.59		17.63	0.058		19.44	0.088	
	2447	14.78	14.73		17.77	0.060		19.58	0.091	
	2452	13.14	13.22		16.19	0.042		18.00	0.063	
	2457	9.53	9.42		12.49	0.018		14.30	0.027	
	2462	1.41	0.54		4.01	0.003		5.82	0.004	

SPOT CHECK

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power	
		Chain 0	Chain 1		(dBm)	(W)
802.11n-HT40	2422	14.41	13.38	0	16.94	0.049
	2427	12.69	13.13		15.93	0.039
	2442	14.33	14.74		17.55	0.057
	2447	15.11	14.55		17.85	0.061
	2452	13.39	13.25		16.33	0.043
	2457	9.82	9.33		12.59	0.018
	2462	1.78	0.32		4.12	0.003

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Antenna Gain (dBi)	Average Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1		(dBm)	(W)		(dBm)	(W)	
802.11ax-HE20	2412	13.92	14.12	0	17.03	0.050	1.81	18.84	0.077	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	15.28	15.22		18.26	0.067		20.07	0.102	
	2442	17.03	17.05		20.05	0.101		21.86	0.153	
	2457	15.56	15.39		18.49	0.071		20.30	0.107	
	2462	14.68	14.58		17.64	0.058		19.45	0.088	
	2467	11.78	11.79		14.80	0.030		16.61	0.046	
	2472	-0.11	-0.95		2.50	0.002		4.31	0.003	

SPOT CHECK

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power	
		Chain 0	Chain 1		(dBm)	(W)
802.11ax-HE20	2412	13.94	14.85	0	17.43	0.055
	2417	15.03	15.01		18.03	0.064
	2442	16.97	17.4		20.20	0.105
	2457	15.31	15.27		18.30	0.068
	2462	14.45	14.55		17.51	0.056
	2467	11.84	11.62		14.74	0.030
	2472	-0.3	-1.40		2.20	0.002

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Antenna Gain (dBi)	Average Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1		(dBm)	(W)		(dBm)	(W)	
802.11ax-HE40	2422	13.66	13.7	0	16.69	0.047	1.81	18.50	0.071	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2427	12.61	12.49		15.56	0.036		17.37	0.055	
	2442	14.47	14.42		17.46	0.056		19.27	0.085	
	2447	14.58	14.55		17.58	0.057		19.39	0.087	
	2452	12.96	13.00		15.99	0.040		17.80	0.060	
	2457	9.28	9.24		12.27	0.017		14.08	0.026	
	2462	1.06	0.14		3.63	0.002		5.44	0.003	

SPOT CHECK

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power	
		Chain 0	Chain 1		(dBm)	(W)
802.11ax-HE40	2422	13.64	13.96	0	16.81	0.048
	2427	12.32	12.51		15.43	0.035
	2442	14.68	14.68		17.69	0.059
	2447	14.26	14.57		17.43	0.055
	2452	12.9	13.17		16.05	0.040
	2457	9.58	9.63		12.62	0.018
	2462	1.19	0.04		3.66	0.002

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	RU Config	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Antenna Gain (dBi)	Average Output Power (E.I.R.P.)		Limit
			Chain 0	Chain 1		(dBm)	(W)		(dBm)	(W)	
802.11ax-HE20	26/0	2412	14.13	14.45	0	17.30	0.054	1.81	19.11	0.081	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	52/37		14.26	14.43		17.36	0.054		19.17	0.083	
	106/53		14.28	14.48		17.39	0.055		19.20	0.083	
	26/8	2472	-1.36	-2.57		1.09	0.001		2.90	0.002	
	52/40		-1.13	-2.29		1.34	0.001		3.15	0.002	
	106/54		-1.02	-2.05		1.51	0.001		3.32	0.002	

SPOT CHECK

Mode	RU Config	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power	
			Chain 0	Chain 1		(dBm)	(W)
802.11ax-HE20	26/0	2412	14.15	14.49	0	17.33	0.054
	52/37		13.98	14.06		17.03	0.050
	106/53		14.15	14.52		17.35	0.054
	26/8	2472	-1.1	-2.33		1.34	0.001
	52/40		-1.03	-2.44		1.33	0.001
	106/54		-0.96	-2.19		1.48	0.001

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

Mode	RU Config	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Antenna Gain (dBi)	Average Output Power (E.I.R.P.)		Limit
			Chain 0	Chain 1		(dBm)	(W)		(dBm)	(W)	
802.11ax-HE40	242/61	2422	13.85	14.08	0	16.98	0.050	1.81	18.79	0.076	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	242/62	2467	1.27	1.17		4.23	0.003		6.04	0.004	

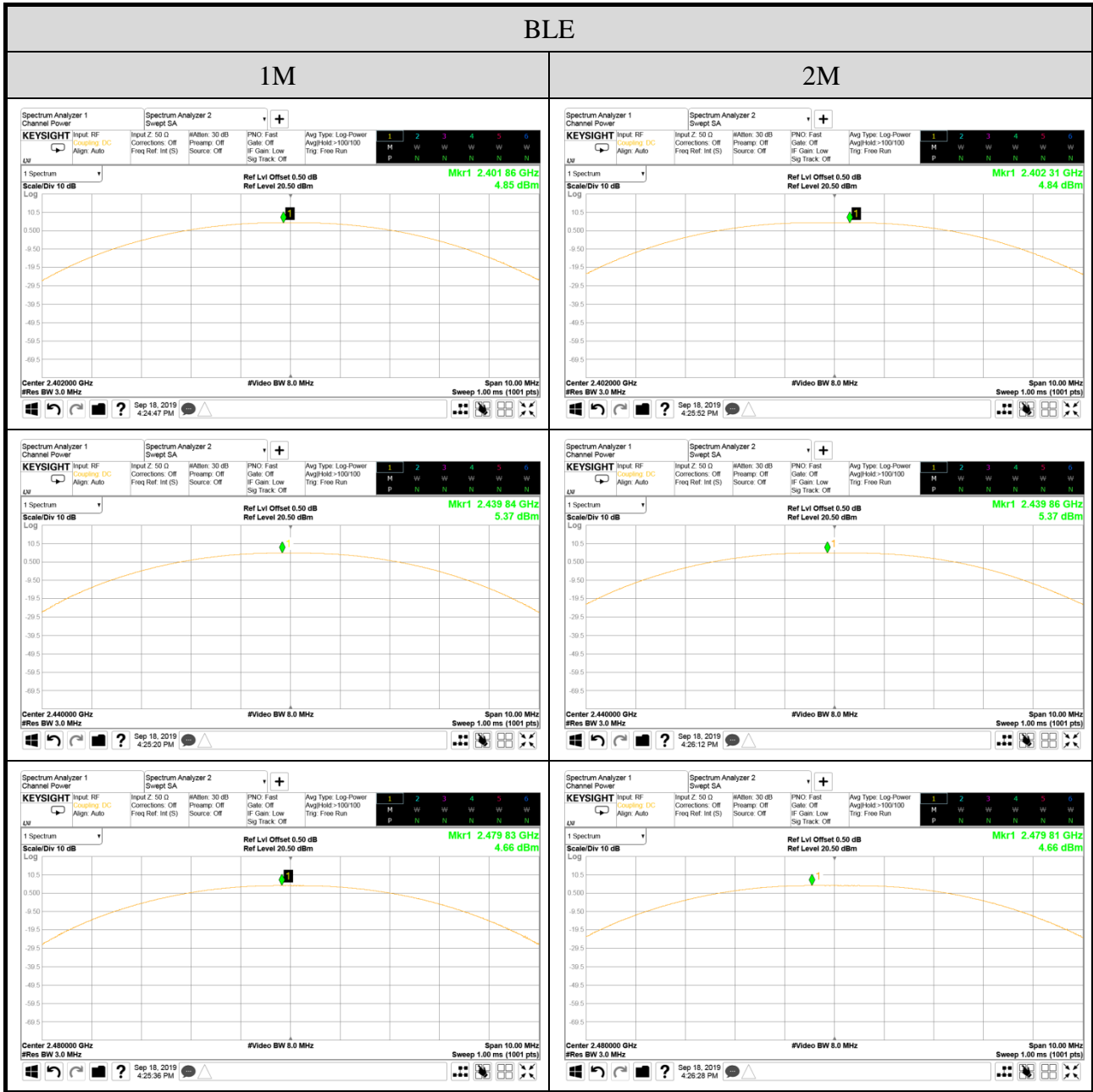
SPOT CHECK

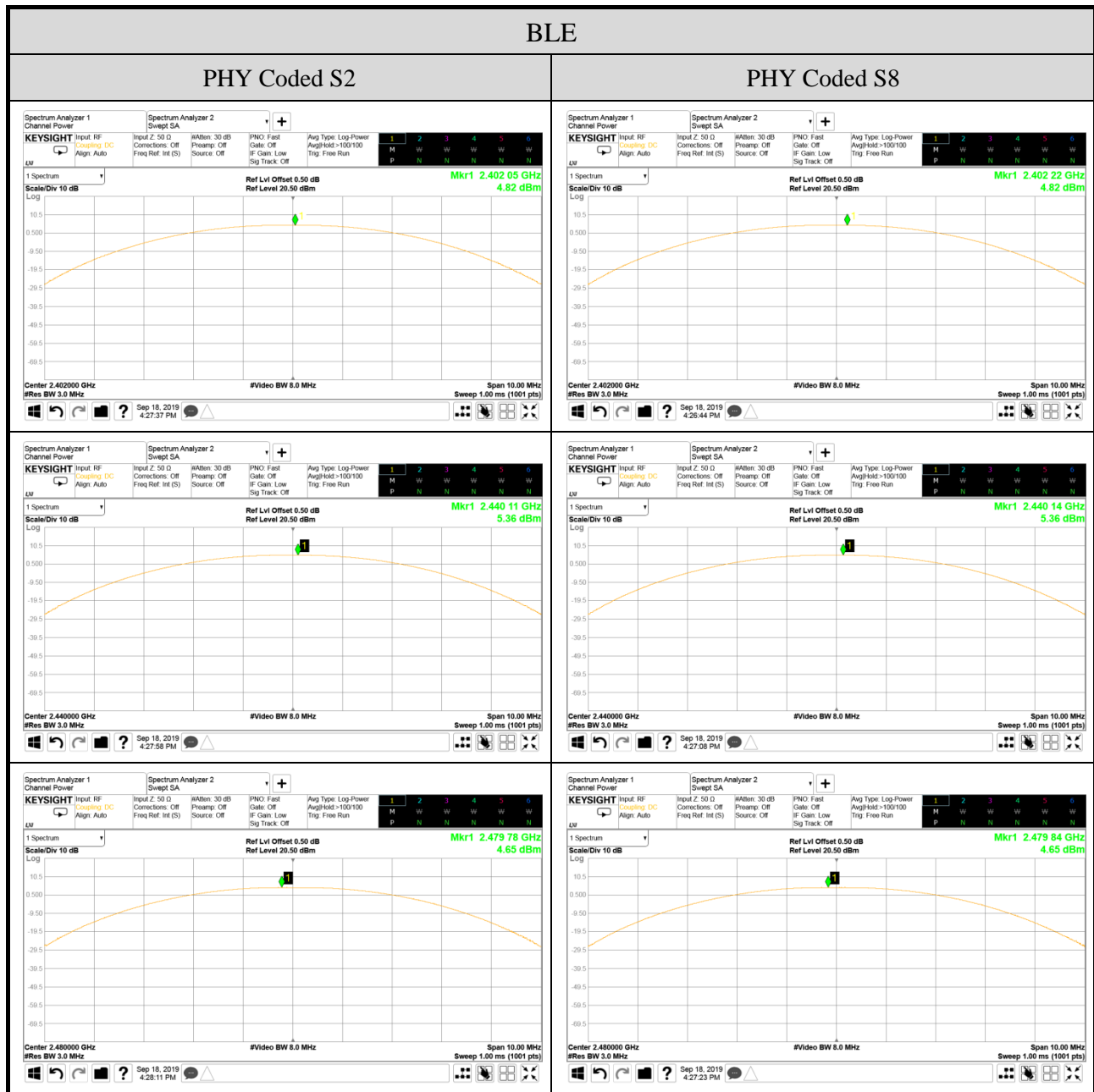
Mode	RU Config	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power	
			Chain 0	Chain 1		(dBm)	(W)
802.11ax-HE40	242/61	2422	13.39	14.05	0	16.74	0.047
	242/62	2467	1.65	1.35		4.51	0.003

Note: 1. The results have been included cable loss.

2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N, IC: 2703H-15Z90N. We did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

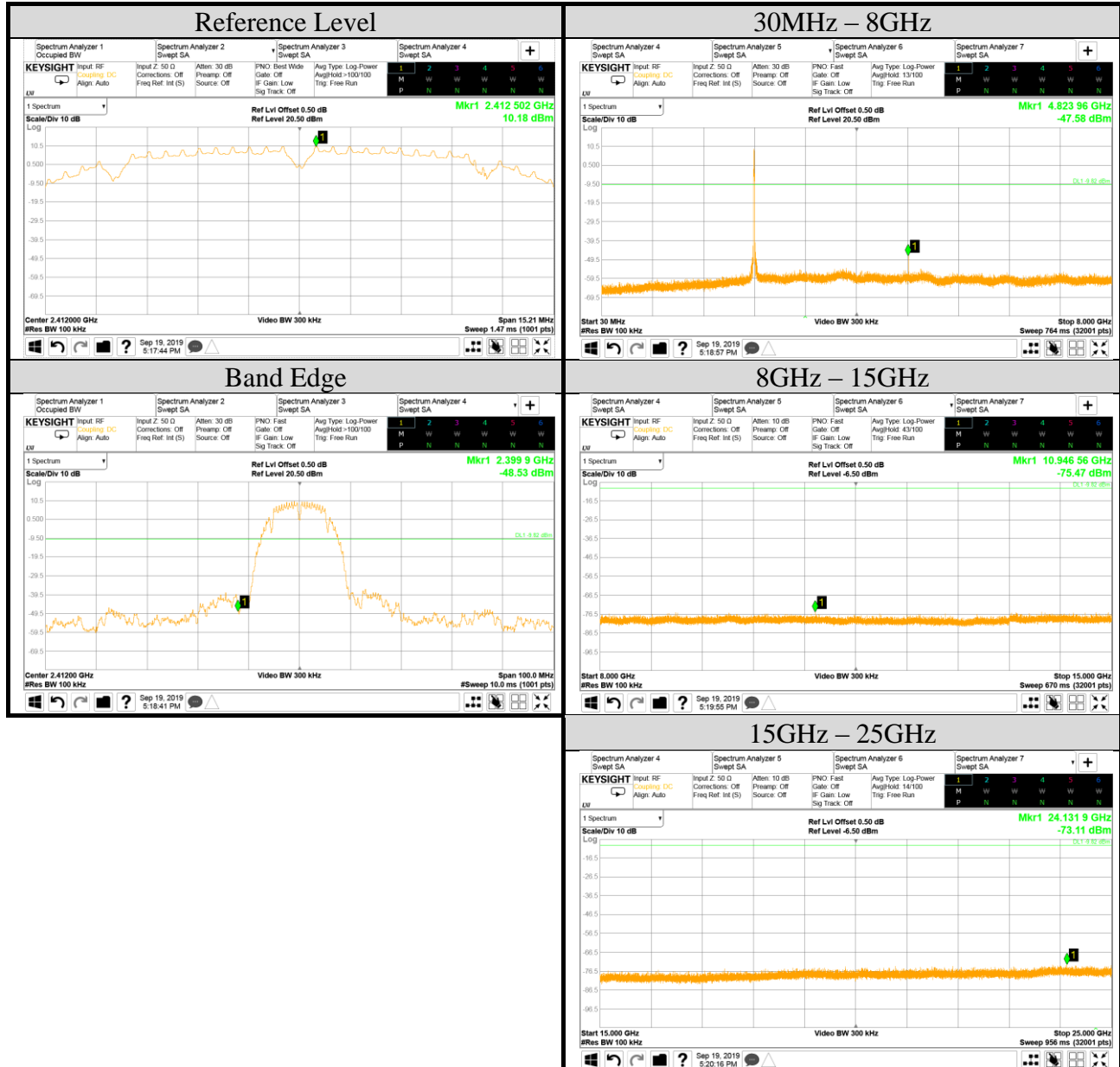
A.4.3 Measurement Plots





A.5 EMISSION LIMITATIONS

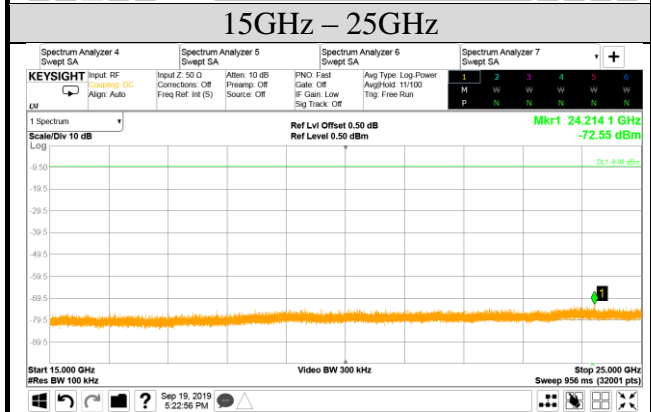
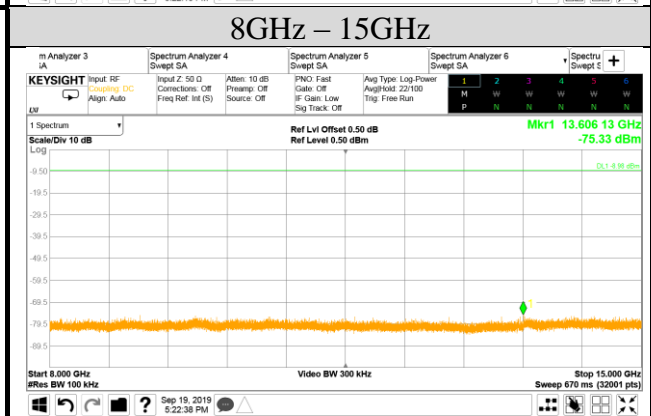
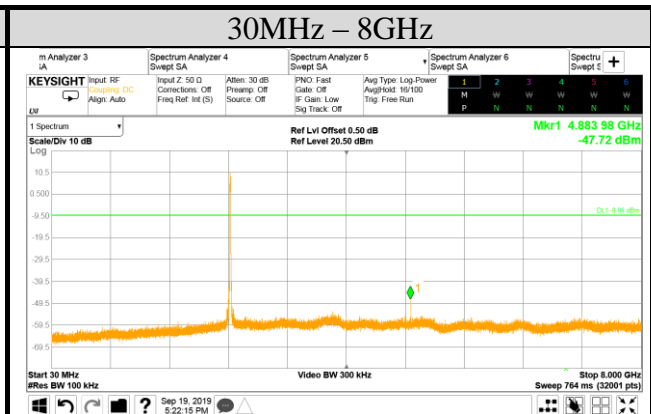
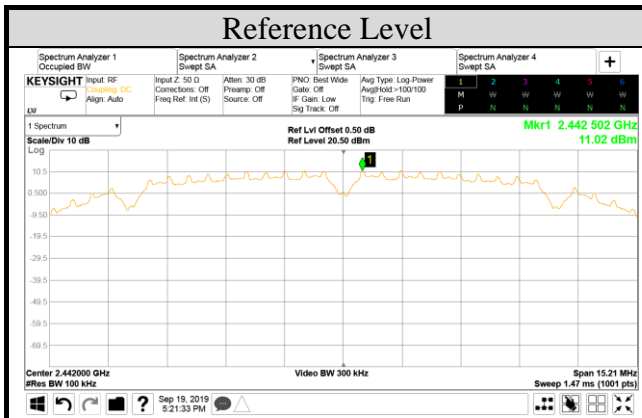
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11b	Tested By	Martin Chen
Frequency	TX 2412MHz		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			0



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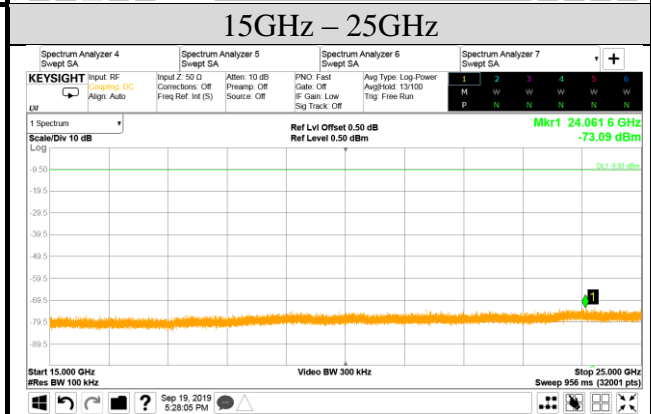
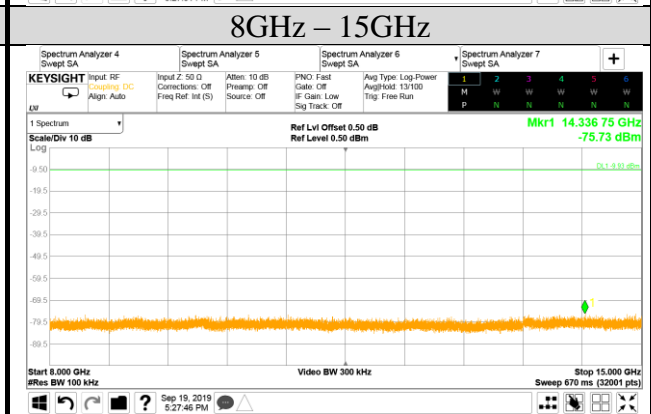
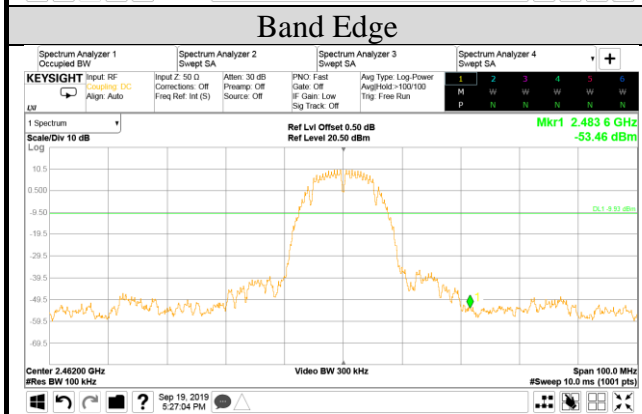
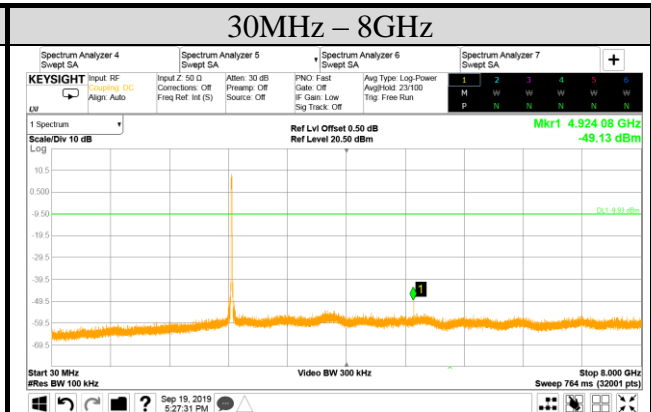
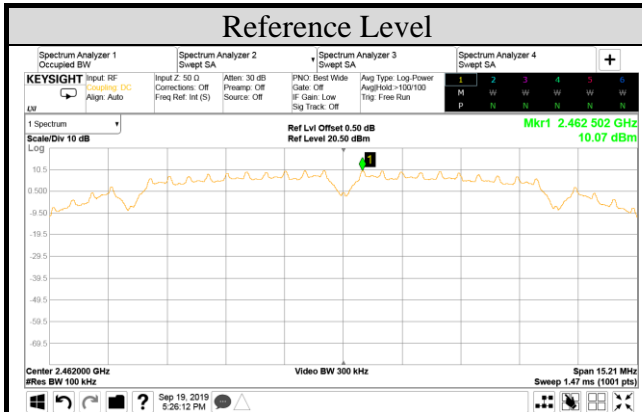
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Mode	802.11b	Tested By	Martin Chen
Frequency	TX 2442MHz		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			0



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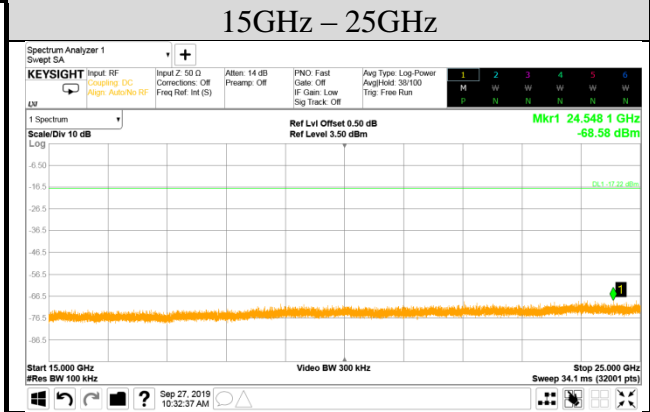
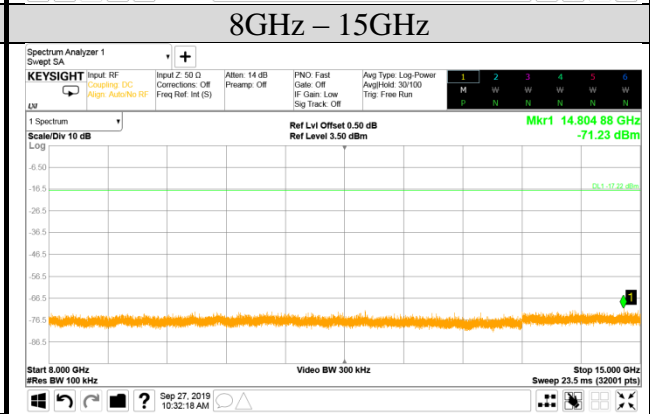
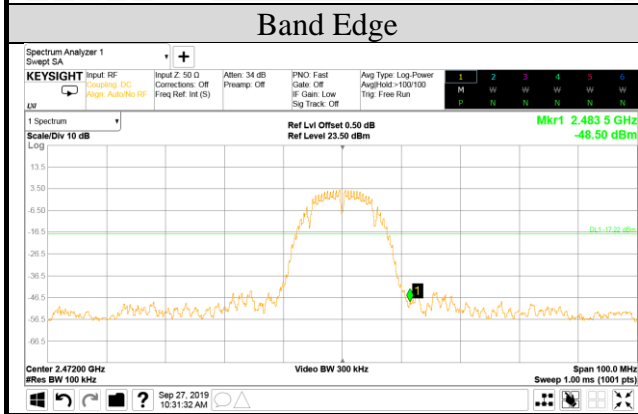
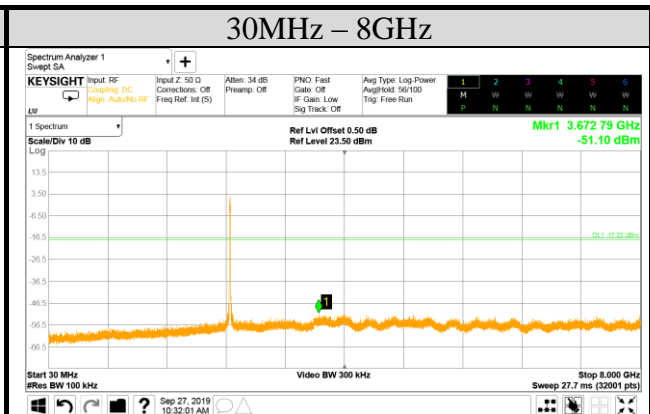
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Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11b	Tested By	Martin Chen
Frequency	TX 2462MHz		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			0



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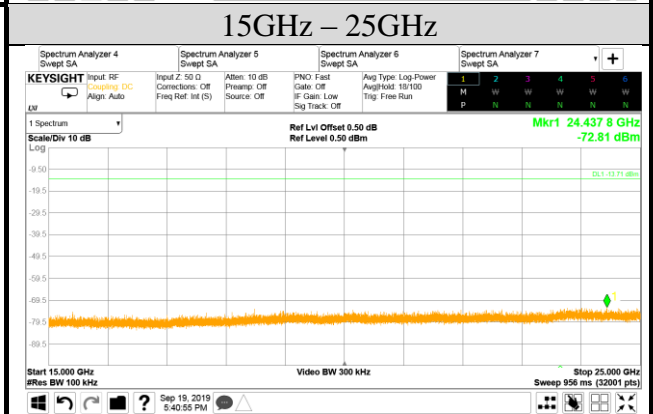
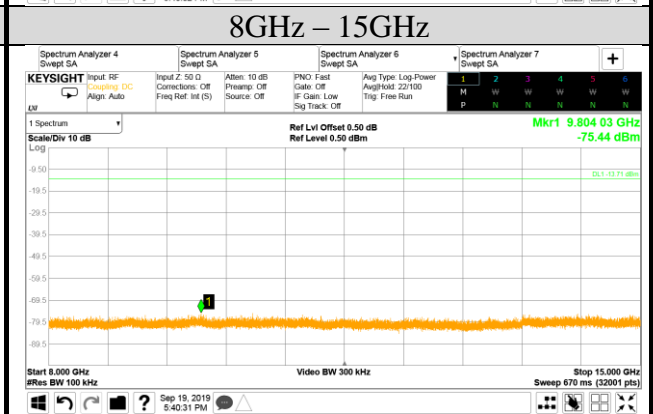
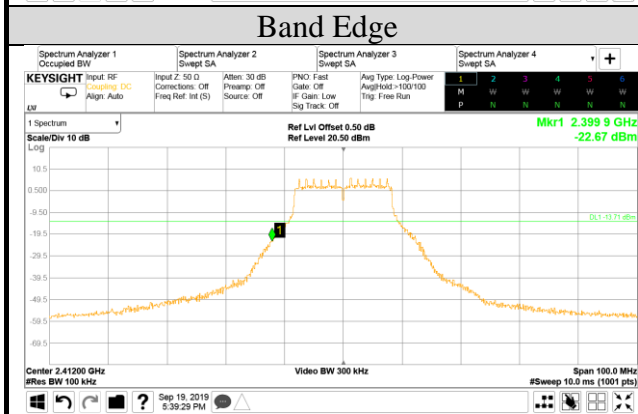
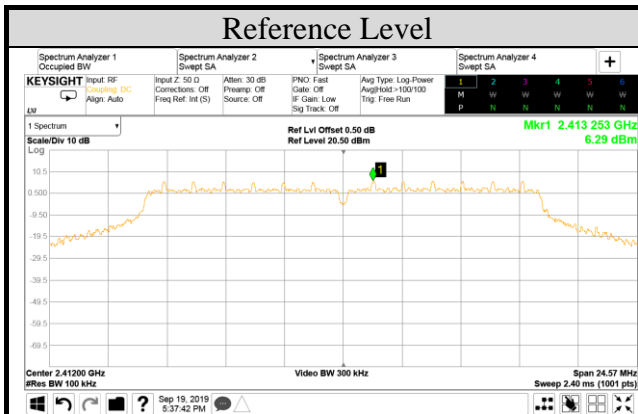
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Mode	802.11b	Tested By	Martin Chen
Frequency	TX 2472MHz		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			0



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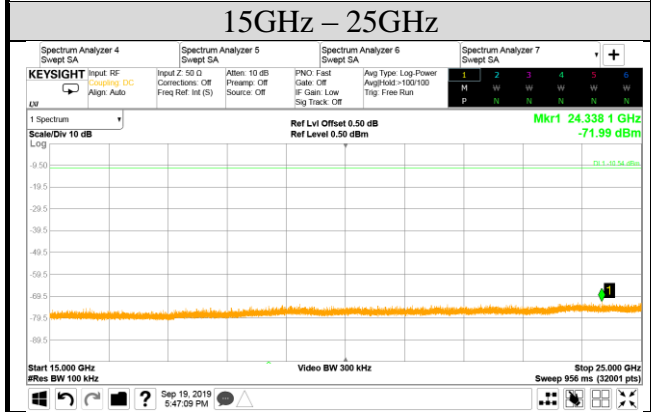
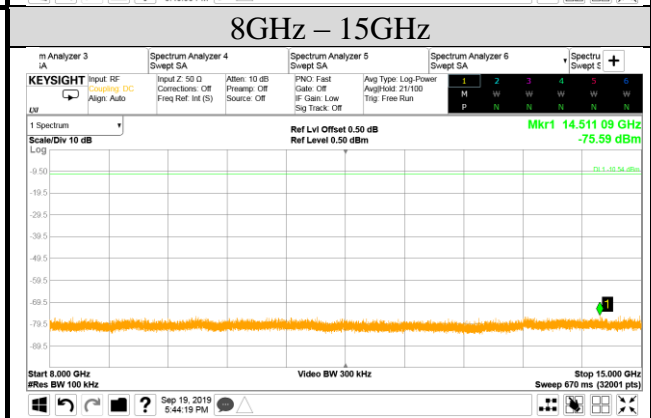
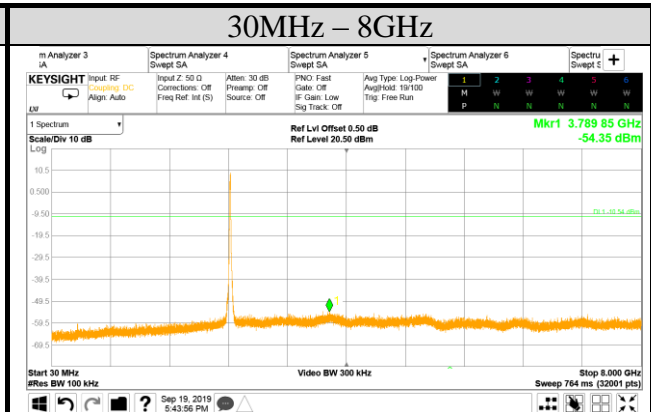
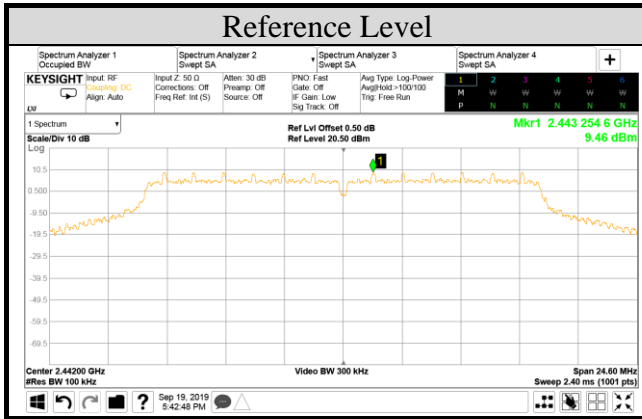
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Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11g	Tested By	Martin Chen
Frequency	TX 2412MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)		0



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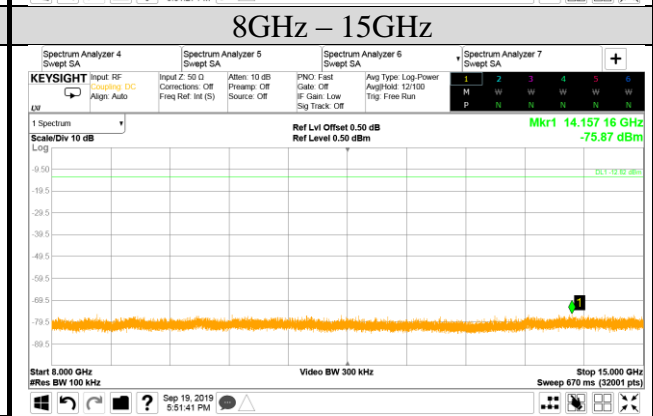
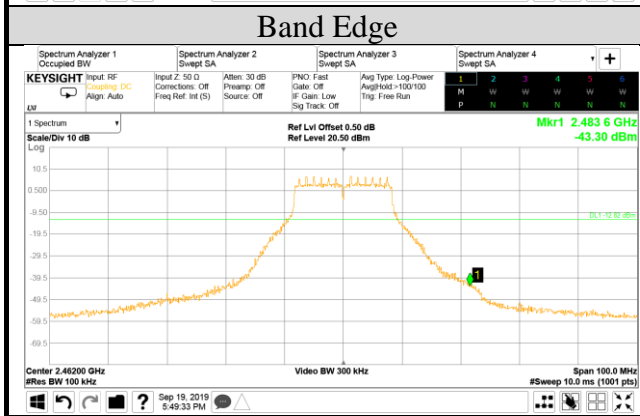
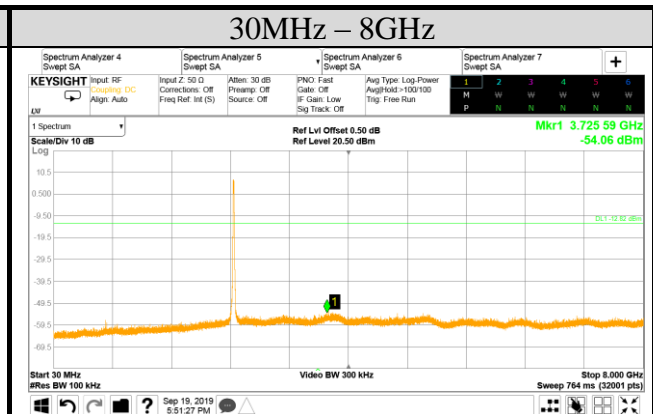
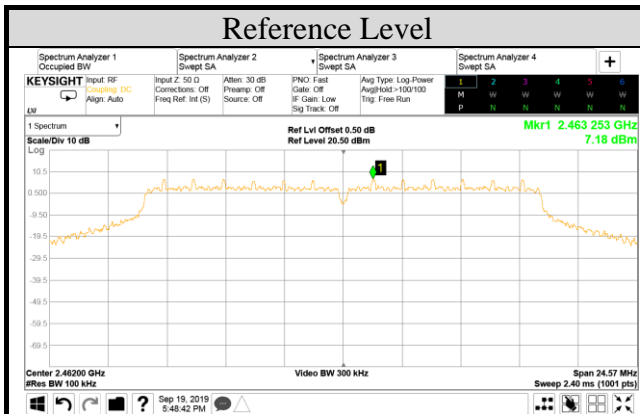
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11g	Tested By	Martin Chen
Frequency	TX 2442MHz		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)			0



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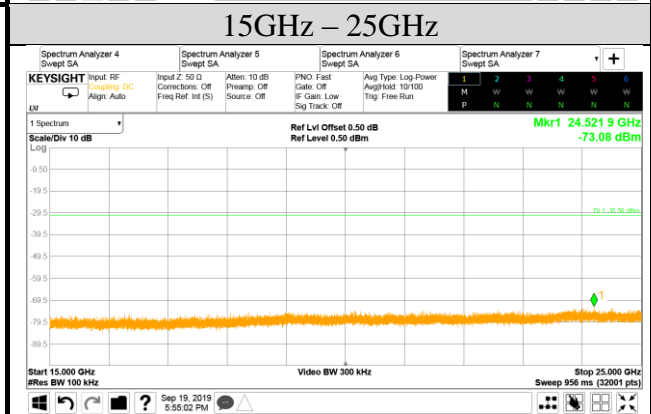
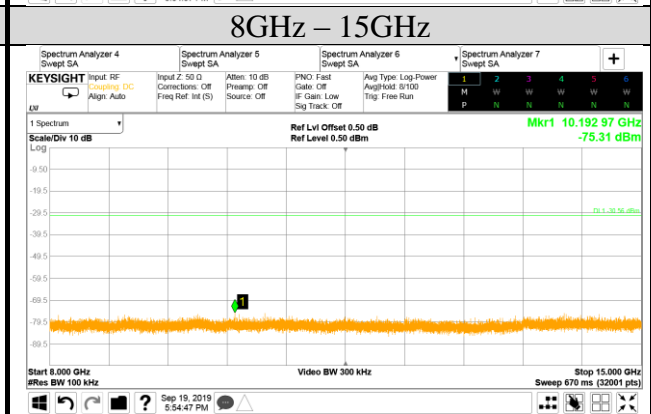
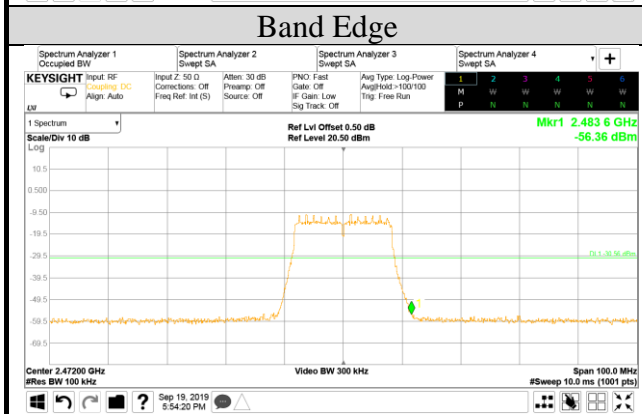
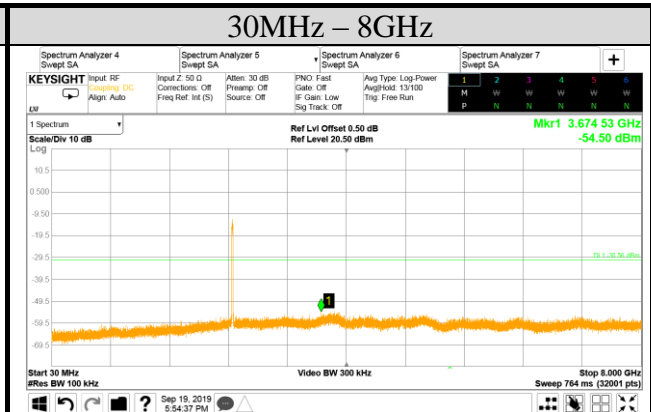
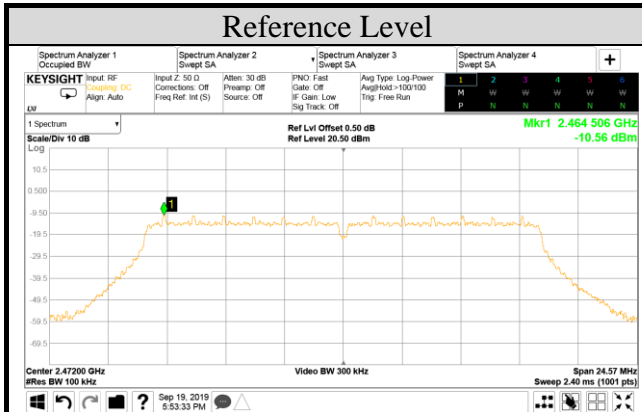
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11g	Tested By	Martin Chen
Frequency	TX 2462MHz		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)			0



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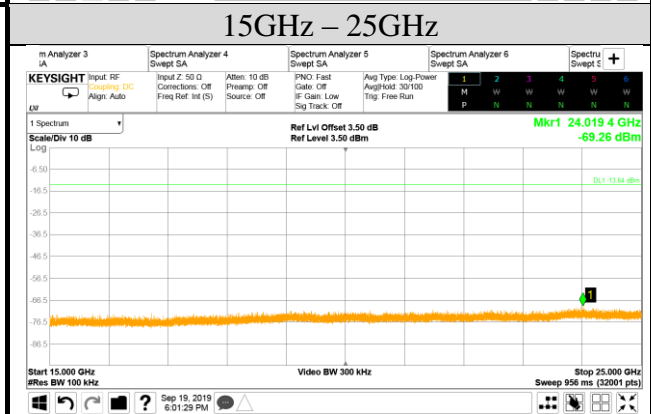
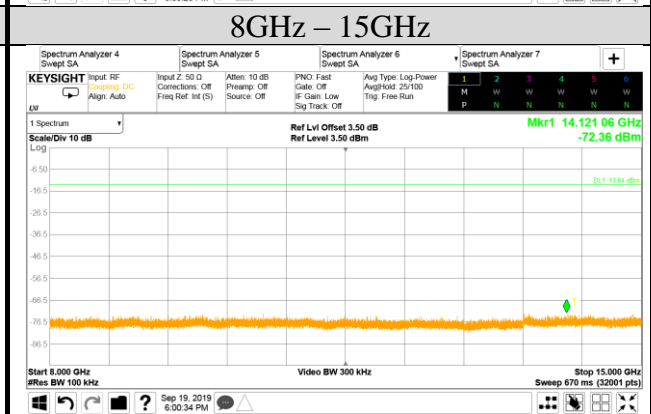
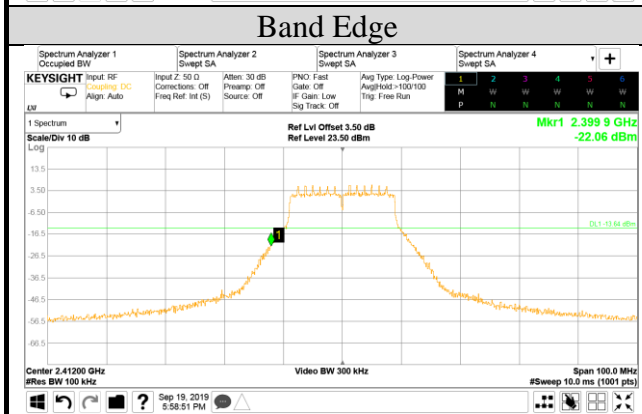
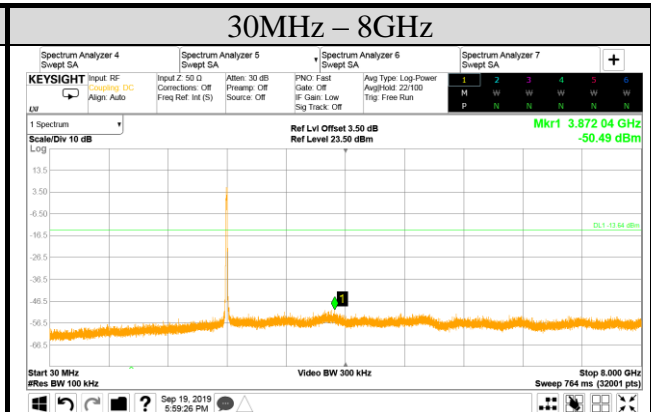
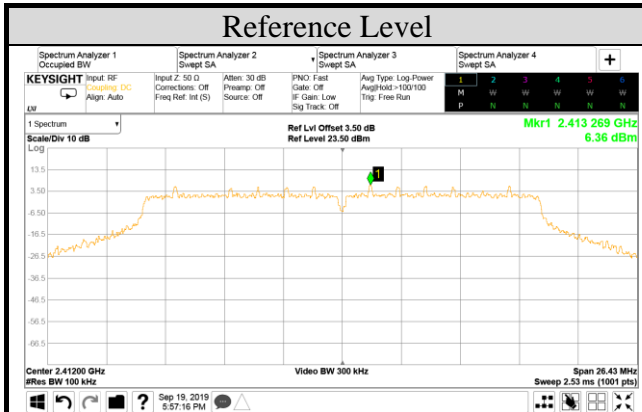
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Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11g	Tested By	Martin Chen
Frequency	TX 2472MHz		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			0



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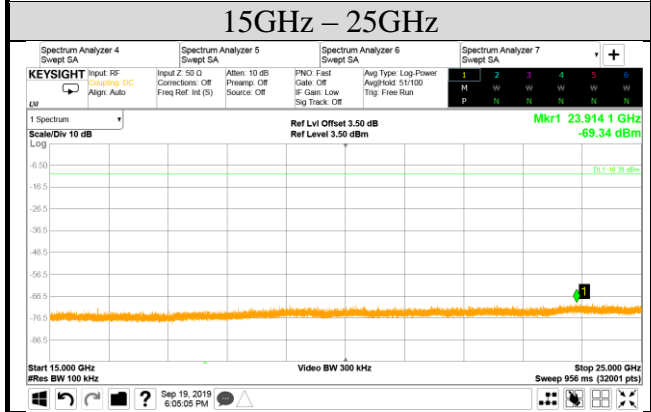
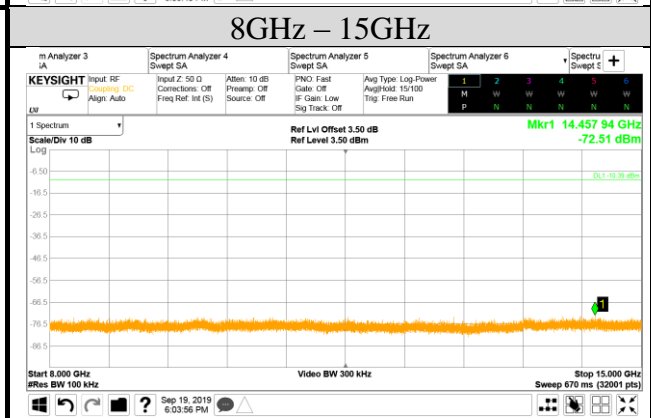
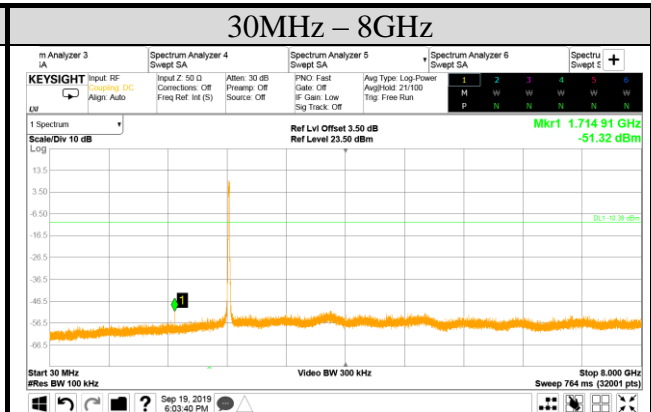
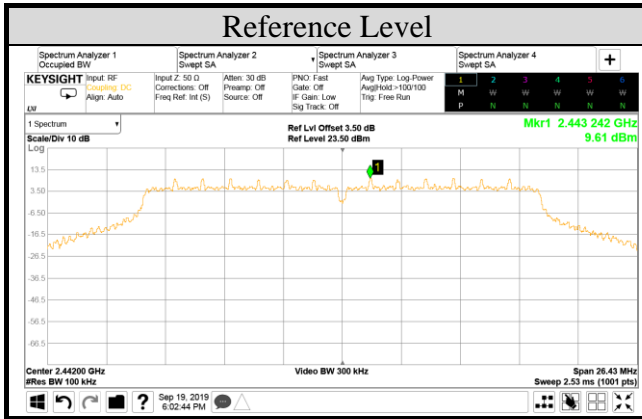
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Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11n-HT20	Tested By	Martin Chen
Frequency	TX 2412MHz		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			3



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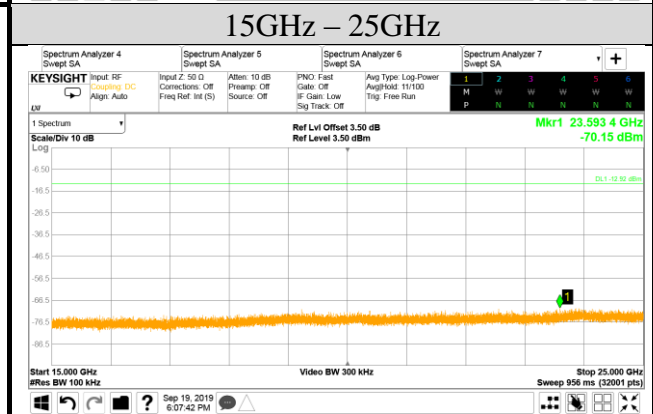
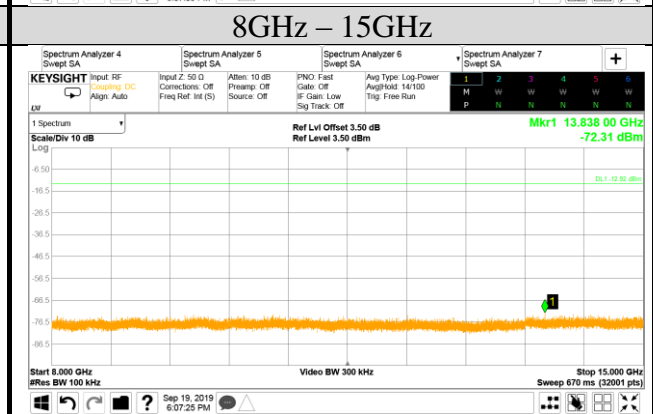
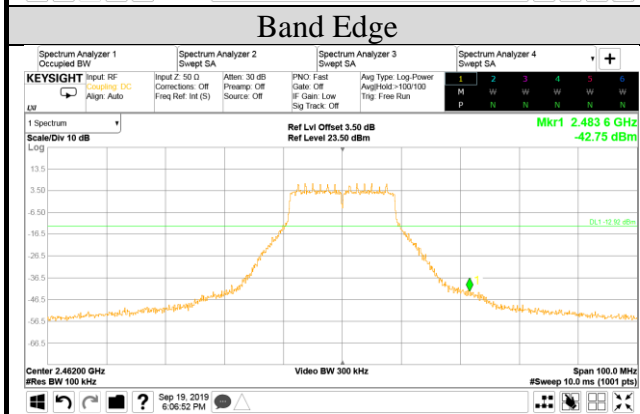
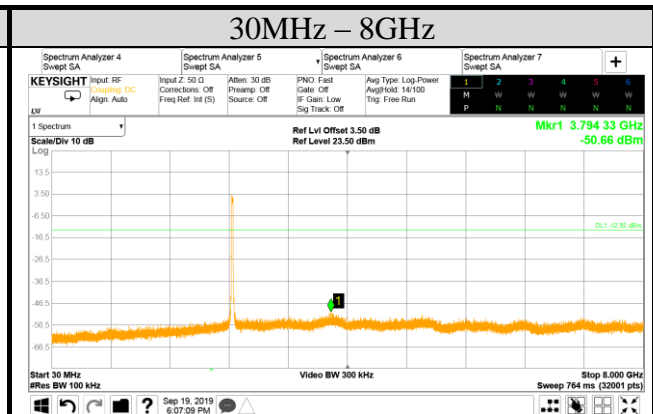
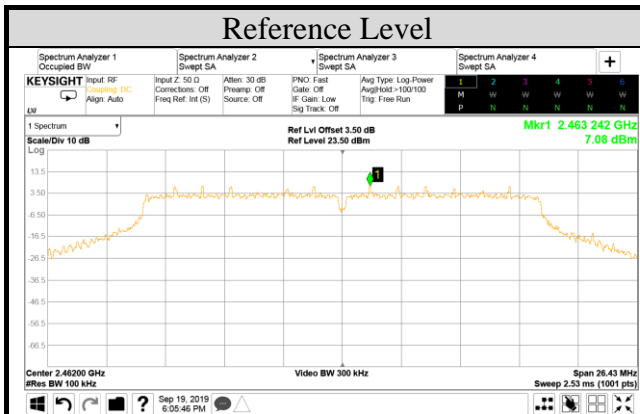
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Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11n-HT20	Tested By	Martin Chen
Frequency	TX 2442MHz		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)			3



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Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11n-HT20	Tested By	Martin Chen
Frequency	TX 2462MHz		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			3



Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11n-HT20	Tested By	Martin Chen
Frequency	TX 2472MHz		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)			3

