

## A.4 MAXIMUM PEAK OUTPUT POWER

Test Date	2019/09/18 ~ 12/25	Temp./Hum.	23~25°C/49~61%
Test Voltage	AC 120V, 60Hz (via AC Adapter)	Tested By	Martin Chen
Cable Loss	---		

### 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	-0.8	26.43	0.440	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	22.40	22.43	22.43	0.175		26.97	0.498	
	2442	22.53	22.52	22.53	0.179		27.07	0.509	
	2457	22.52	22.41	22.52	0.179		27.06	0.508	
	2462	21.61	21.55	21.61	0.145		26.15	0.412	
	2467	20.72	20.65	20.72	0.118		25.26	0.336	
	2472	15.64	15.56	15.64	0.037		20.18	0.104	

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)
802.11b	2412	21.86	21.78	21.86	0.153
	2417	22.37	22.44	22.44	0.175
	2442	22.60	22.41	22.60	0.182
	2457	22.48	22.51	22.51	0.178
	2462	21.74	21.60	21.74	0.149
	2467	20.59	20.75	20.75	0.119
	2472	15.77	15.47	15.77	0.038

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	-0.8	26.32	0.429	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	22.49	22.46	22.49	0.177		27.03	0.505	
	2442	23.71	23.81	23.81	0.240		28.35	0.684	
	2457	22.77	22.64	22.77	0.189		27.31	0.538	
	2462	22.14	22.05	22.14	0.164		26.68	0.466	
	2467	19.81	19.79	19.81	0.096		24.35	0.272	
	2472	12.92	12.29	12.92	0.020		17.46	0.056	

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	21.60	22.03	22.03	0.160
	2417	22.33	22.26	22.33	0.171
	2442	23.65	23.78	23.78	0.239
	2457	22.86	22.79	22.86	0.193
	2462	22.36	22.08	22.36	0.172
	2467	19.70	19.97	19.97	0.099
	2472	12.97	12.12	12.97	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- HT20	2412	19.04	19.25	22.16	0.164	-0.8	21.36	0.137	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	20.21	20.11	23.17	0.207		22.37	0.173	
	2442	22.01	21.96	25.00	0.316		24.20	0.263	
	2457	20.38	20.34	23.37	0.217		22.57	0.181	
	2462	19.65	19.51	22.59	0.182		21.79	0.151	
	2467	17.11	17.01	20.07	0.102		19.27	0.085	
	2472	10.01	9.81	12.92	0.020		12.12	0.016	

Note: The results have been included cable loss.

**SPOT CHECK**

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11n- HT20	2412	19.15	19.09	22.13	0.164
	2417	20.02	19.91	22.98	0.207
	2442	22.12	22.06	25.10	0.313
	2457	20.62	20.39	23.52	0.218
	2462	19.55	19.75	22.66	0.183
	2467	17.07	17.25	20.17	0.101
	2472	10.17	9.64	12.92	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	-0.8	26.82	0.481	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2427	18.22	18.17	21.21	0.132		25.75	0.376	
	2442	19.96	19.82	22.90	0.195		27.44	0.555	
	2447	19.98	19.93	22.97	0.198		27.51	0.564	
	2452	18.69	18.64	21.68	0.147		26.22	0.419	
	2457	15.36	15.14	18.26	0.067		22.80	0.191	
	2462	12.02	11.02	14.56	0.029		19.10	0.081	

Note: The results have been included cable loss.

**SPOT CHECK**

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11n- HT40	2422	19.44	19.44	22.45	0.176
	2427	18.14	18.41	21.29	0.135
	2442	19.79	19.76	22.79	0.190
	2447	20.06	20.05	23.07	0.203
	2452	18.70	18.61	21.67	0.147
	2457	15.37	15.08	18.24	0.067
	2462	12.00	10.83	14.46	0.028

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	-0.8	26.65	0.462	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	20.23	20.17	23.21	0.209		27.75	0.596	
	2442	21.93	21.95	24.95	0.313		29.49	0.889	
	2457	20.40	20.21	23.32	0.215		27.86	0.611	
	2462	19.63	19.53	22.59	0.182		27.13	0.516	
	2467	16.98	17.04	20.02	0.100		24.56	0.286	
	2472	10.21	9.91	13.07	0.020		17.61	0.058	

Note: The results have been included cable loss.

**SPOT CHECK**

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11ax-HE20	2412	19.03	19.14	22.10	0.162
	2417	20.30	20.22	23.27	0.212
	2442	21.85	22.00	24.94	0.312
	2457	20.57	20.18	23.39	0.218
	2462	19.68	19.67	22.69	0.186
	2467	16.86	17.24	20.06	0.101
	2472	10.29	9.93	13.12	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 PeakOutput 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	-0.8	21.32	0.136	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2427	18.02	17.94	20.99	0.126		20.19	0.104	
	2442	19.84	19.79	22.83	0.192		22.03	0.160	
	2447	19.81	19.73	22.78	0.190		21.98	0.158	
	2452	18.35	18.41	21.39	0.138		20.59	0.115	
	2457	15.11	14.94	18.04	0.064		17.24	0.053	
	2462	11.93	10.60	14.33	0.027		13.53	0.023	

**SPOT CHECK**

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power	
		Chain 0	Chain 1	(dBm)	(W)
802.11ax-HE40	2422	18.91	19.16	22.05	0.160
	2427	18.13	18.12	21.14	0.130
	2442	19.72	20.04	22.89	0.195
	2447	19.89	19.91	22.91	0.195
	2452	18.60	18.38	21.50	0.141
	2457	15.30	14.99	18.16	0.065
	2462	12.16	10.77	14.53	0.028

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)	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	-0.8	31.14	1.300	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	52/37		23.55	23.62	26.60	0.457		31.14	1.300	
	106/53		23.42	23.67	26.56	0.453		31.10	1.288	
	26/8	2472	10.74	10.07	13.43	0.022		17.97	0.063	
	52/40		10.93	10.11	13.55	0.023		18.09	0.064	
	106/54		10.97	10.24	13.63	0.023		18.17	0.066	

Note: The results have been included cable loss.

**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	23.00	23.41	26.22	0.419
	52/37		23.62	23.47	26.56	0.453
	106/53		23.08	23.31	26.21	0.418
	26/8	2472	10.96	9.43	13.27	0.021
	52/40		11.22	9.61	13.50	0.022
	106/54		11.00	10.44	13.74	0.024

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)	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	-0.8	28.41	0.693	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	242/62	2467	14.18	14.08	17.14	0.052		21.68	0.147	

Note: The results have been included cable loss.

**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	23.76	13.80	24.18	0.262
	242/62	2467	13.87	14.35	17.13	0.052

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	0.003	-0.8	9.39	0.009	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2440	5.37	---	5.37	0.003		9.91	0.010	
	2480	4.66	---	4.66	0.003		9.20	0.008	
BLE (2M)	2402	4.84	---	4.84	0.003		9.38	0.009	
	2440	5.37	---	5.37	0.003		9.91	0.010	
	2480	4.66	---	4.66	0.003		9.20	0.008	
BLE (PHY Coded S2)	2402	4.82	---	4.82	0.003		9.36	0.009	
	2440	5.36	---	5.36	0.003		9.90	0.010	
	2480	4.65	---	4.65	0.003		9.19	0.008	
BLE (PHY Coded S8)	2402	4.82	---	4.82	0.003		9.36	0.009	
	2440	5.36	---	5.36	0.003		9.90	0.010	
	2480	4.65	---	4.65	0.003		9.19	0.008	

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	5.14	---	5.14	0.0033
	2440	5.69	---	5.69	0.0037
	2480	4.50	---	4.50	0.0028

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	-0.8	23.89	0.245	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	19.91	19.96		19.96	0.099		24.50	0.282	
	2442	20.04	20.02		20.04	0.101		24.58	0.287	
	2457	20.02	19.95		20.02	0.100		24.56	0.286	
	2462	19.08	18.91		19.08	0.081		23.62	0.230	
	2467	18.18	18.08		18.18	0.066		22.72	0.187	
	2472	13.08	13.05		13.08	0.020		17.62	0.058	

Note: The results have been included cable loss.

**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	19.16	19.32	0	19.32	0.086
	2417	19.54	20.05		20.05	0.101
	2442	20.09	19.54		20.09	0.102
	2457	19.91	19.32		19.91	0.098
	2462	19.22	18.64		19.22	0.084
	2467	17.81	18.24		18.24	0.067
	2472	13.5	13.51		13.51	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	-0.8	21.45	0.140	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	17.94	17.9		17.94	0.062		22.48	0.177	
	2442	19.63	19.74		19.74	0.094		24.28	0.268	
	2457	18.21	18.05		18.21	0.066		22.75	0.188	
	2462	17.47	17.37		17.47	0.056		22.01	0.159	
	2467	14.79	14.78		14.79	0.030		19.33	0.086	
	2472	1.52	1.28		1.52	0.001		6.06	0.004	

Note: The results have been included cable loss.

**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	16.69	16.24	0	16.69	0.047
	2417	17.64	18.14		18.14	0.065
	2442	19.37	19.98		19.98	0.100
	2457	17.74	18.28		18.28	0.067
	2462	17.26	17.95		17.95	0.062
	2467	15.14	14.84		15.14	0.033
	2472	1.59	1.22		1.59	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	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	-0.8	21.67	0.147	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	15.45	15.38		18.43	0.070		22.97	0.198	
	2442	17.15	17.13		20.15	0.104		24.69	0.294	
	2457	15.63	15.55		18.60	0.072		23.14	0.206	
	2462	14.83	14.63		17.74	0.059		22.28	0.169	
	2467	11.95	11.84		14.91	0.031		19.45	0.088	
	2472	-0.04	-0.86		2.58	0.002		7.12	0.005	

Note: The results have been included cable loss.

**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	14.08	14.45	0	17.28	0.053
	2417	14.91	15.41		18.18	0.066
	2442	17.25	17.3		20.29	0.107
	2457	15.05	15.67		18.38	0.069
	2462	14.59	15.11		17.87	0.061
	2467	11.96	11.71		14.85	0.031
	2472	0.05	-1.13		2.51	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	-0.8	21.37	0.137	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2427	12.8	12.73		15.78	0.038		20.32	0.108	
	2442	14.65	14.59		17.63	0.058		22.17	0.165	
	2447	14.78	14.73		17.77	0.060		22.31	0.170	
	2452	13.14	13.22		16.19	0.042		20.73	0.118	
	2457	9.53	9.42		12.49	0.018		17.03	0.050	
	2462	1.41	0.54		4.01	0.003		8.55	0.007	

Note: The results have been included cable loss.

**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	14.14	13.36	0	16.78	0.048
	2427	12.9	13.13		16.03	0.040
	2442	14.4	14.7		17.56	0.057
	2447	14.78	14.49		17.65	0.058
	2452	13.68	13.05		16.39	0.044
	2457	10.09	9.42		12.78	0.019
	2462	1.91	0.07		4.10	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)		Total Average Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11ax-HE20	2412	13.92	14.12	17.03	0.050	-0.8	21.57	0.144	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2417	15.28	15.22	18.26	0.067		22.80	0.191	
	2442	17.03	17.05	20.05	0.101		24.59	0.288	
	2457	15.56	15.39	18.49	0.071		23.03	0.201	
	2462	14.68	14.58	17.64	0.058		22.18	0.165	
	2467	11.78	11.79	14.80	0.030		19.34	0.086	
	2472	-0.11	-0.95	2.50	0.002		7.04	0.005	

Note: The results have been included cable loss.

**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	13.9	14.32	0	17.13	0.052
	2417	15.23	15.16		18.21	0.066
	2442	17.1	17.41		20.27	0.106
	2457	15.39	15.21		18.31	0.068
	2462	14.46	14.34		17.41	0.055
	2467	12.13	12.06		15.11	0.032
	2472	-0.25	-1.21		2.31	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)		Total Average Output Power		Antenna Gain (dBi)	Output Power (E.I.R.P.)		Limit
		Chain 0	Chain 1	(dBm)	(W)		(dBm)	(W)	
802.11ax-HE40	2422	13.66	13.7	16.69	0.047	-0.8	21.23	0.133	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	2427	12.61	12.49	15.56	0.036		20.10	0.102	
	2442	14.47	14.42	17.46	0.056		22.00	0.158	
	2447	14.58	14.55	17.58	0.057		22.12	0.163	
	2452	12.96	13	15.99	0.040		20.53	0.113	
	2457	9.28	9.24	12.27	0.017		16.81	0.048	
	2462	1.06	0.14	3.63	0.002		8.17	0.007	

Note: The results have been included cable loss.

**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	13.81	13.97	0	16.90	0.049
	2427	12.28	12.47		15.39	0.035
	2442	14.86	14.83		17.86	0.061
	2447	14.3	14.17		17.25	0.053
	2452	12.87	13.37		16.14	0.041
	2457	9.6	9.29		12.46	0.018
	2462	1.13	-0.01		3.61	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	-0.8	21.84	0.153	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	52/37		14.26	14.43		17.36	0.054		21.90	0.155	
	106/53		14.28	14.48		17.39	0.055		21.93	0.156	
	26/8	2472	-1.36	-2.57		1.09	0.001		5.63	0.004	
	52/40		-1.13	-2.29		1.34	0.001		5.88	0.004	
	106/54		-1.02	-2.05		1.51	0.001		6.05	0.004	

Note: The results have been included cable loss.

**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	13.79	14.52	0	17.18	0.052
	52/37		14.29	14.41		17.36	0.054
	106/53		14.12	14.86		17.52	0.056
	26/8	2472	-0.81	-2.19		1.56	0.001
	52/40		-0.75	-2.47		1.48	0.001
	106/54		-0.92	-1.79		1.68	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	-0.8	21.52	0.142	<30dBm (1W) (Maximum Peak Output Power) <36dBm (4W) (E.I.R.P)
	242/62	2467	1.27	1.17		4.23	0.003		8.77	0.008	

Note: The results have been included cable loss.

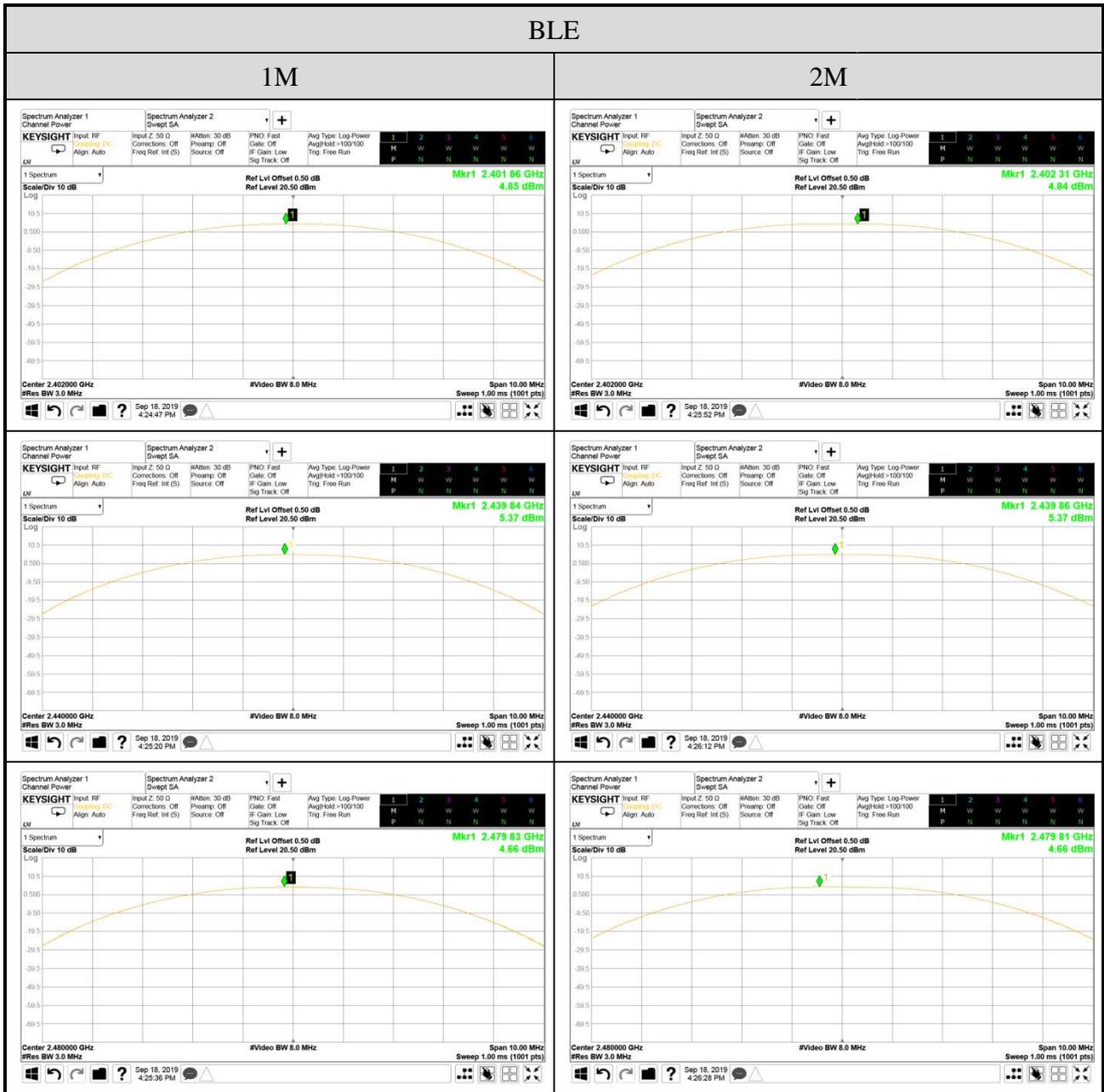
**SPOT CHECK**

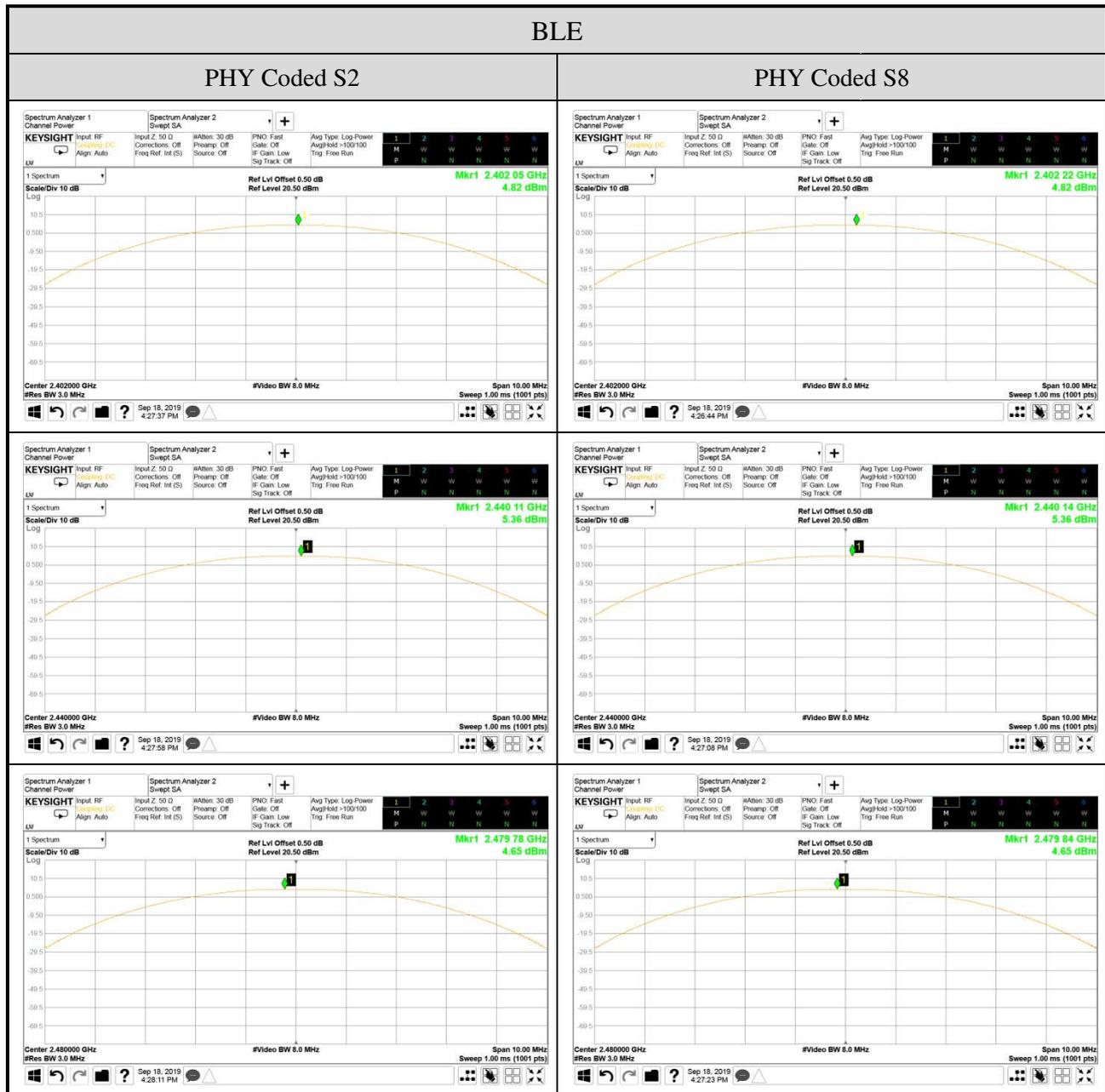
Mode	RU Config	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power	
			Chain 0	Chain 1		(dBm)	(W)
802.11ax-HE40	242/61	2422	13.29	14.47	0	16.93	0.049
	242/62	2467	1.55	1.08		4.33	0.003

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.

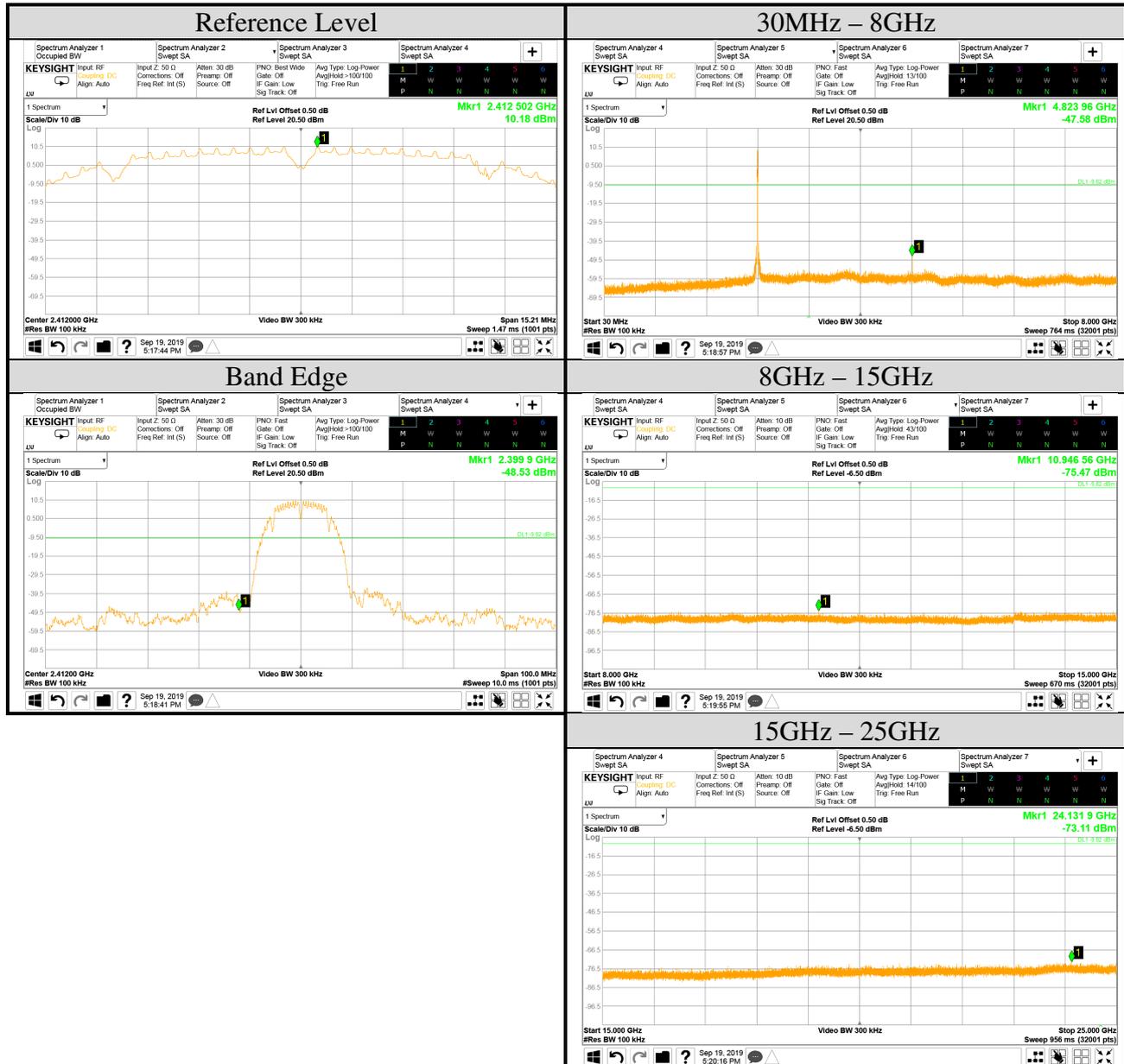
A.4.3 Measurement Plots





## A.5 EMISSION LIMITATIONS

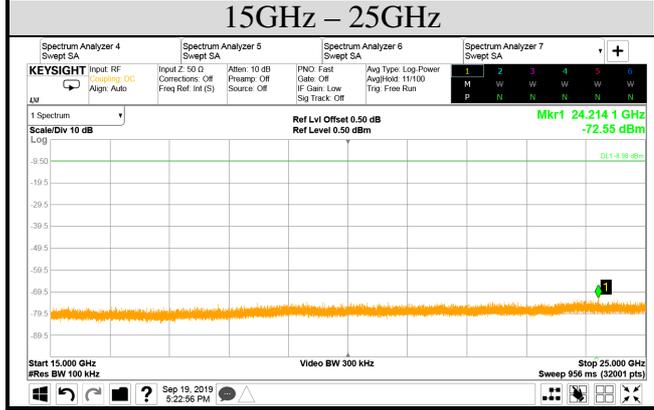
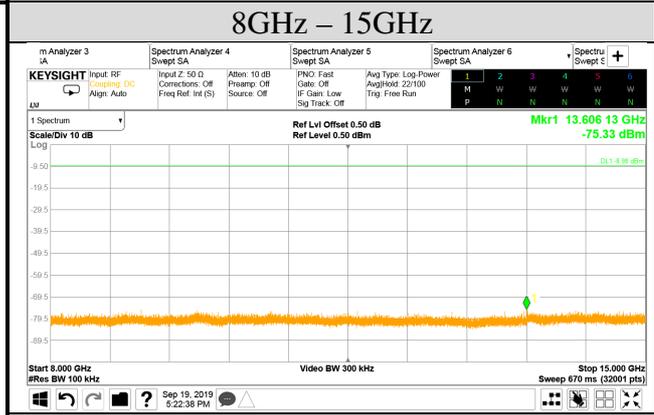
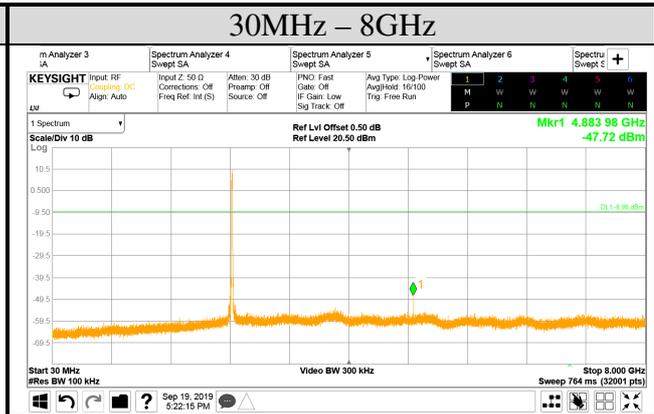
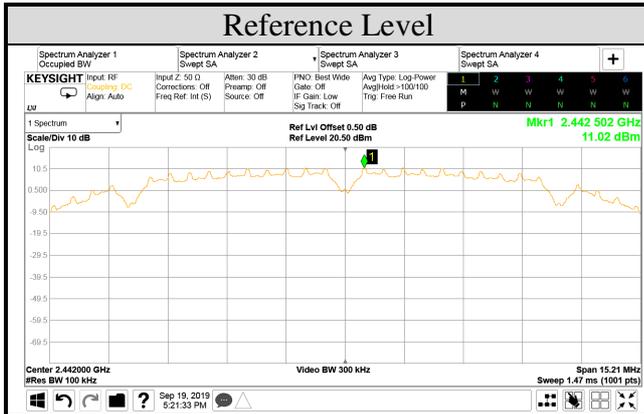
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11b	Tested By	Martin Chen
Frequency	TX 2412MHz		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)	0		



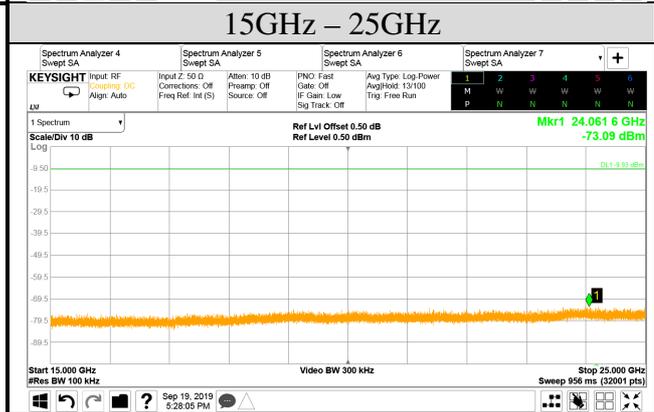
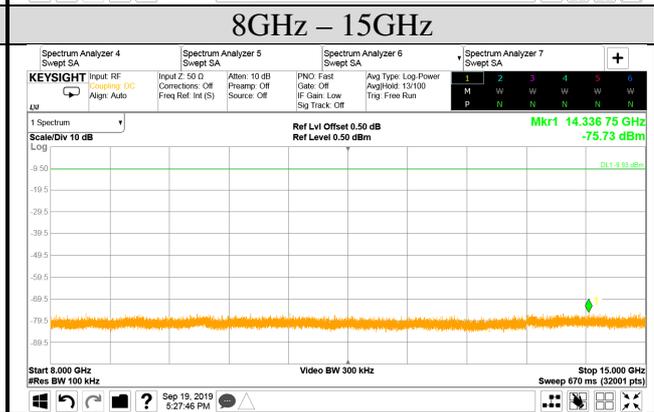
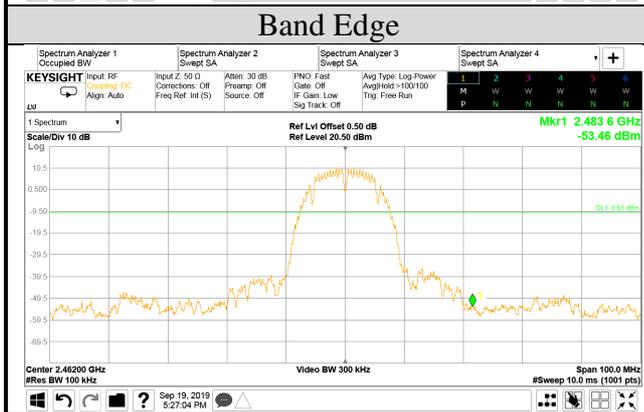
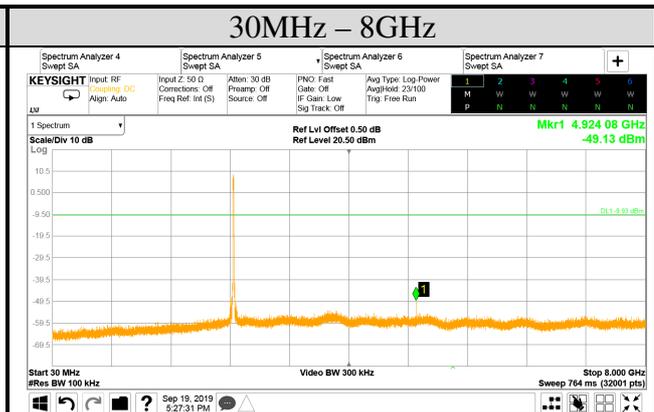
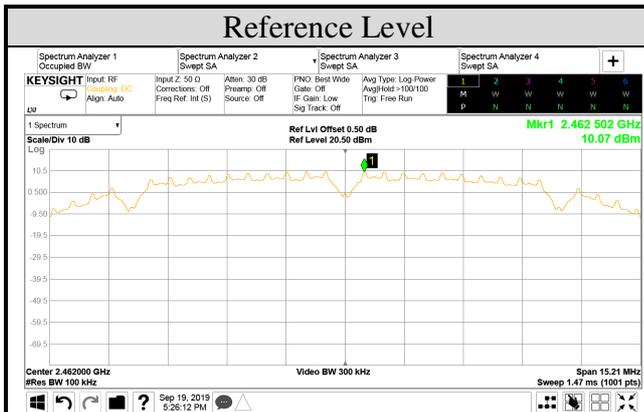
**Audix Technology Corp.**  
 No. 53-11, Dingfu, Linkou, Dist.,  
 New Taipei City 244, Taiwan

**Tel: +886 2 26099301**  
**Fax: +886 2 26099303**

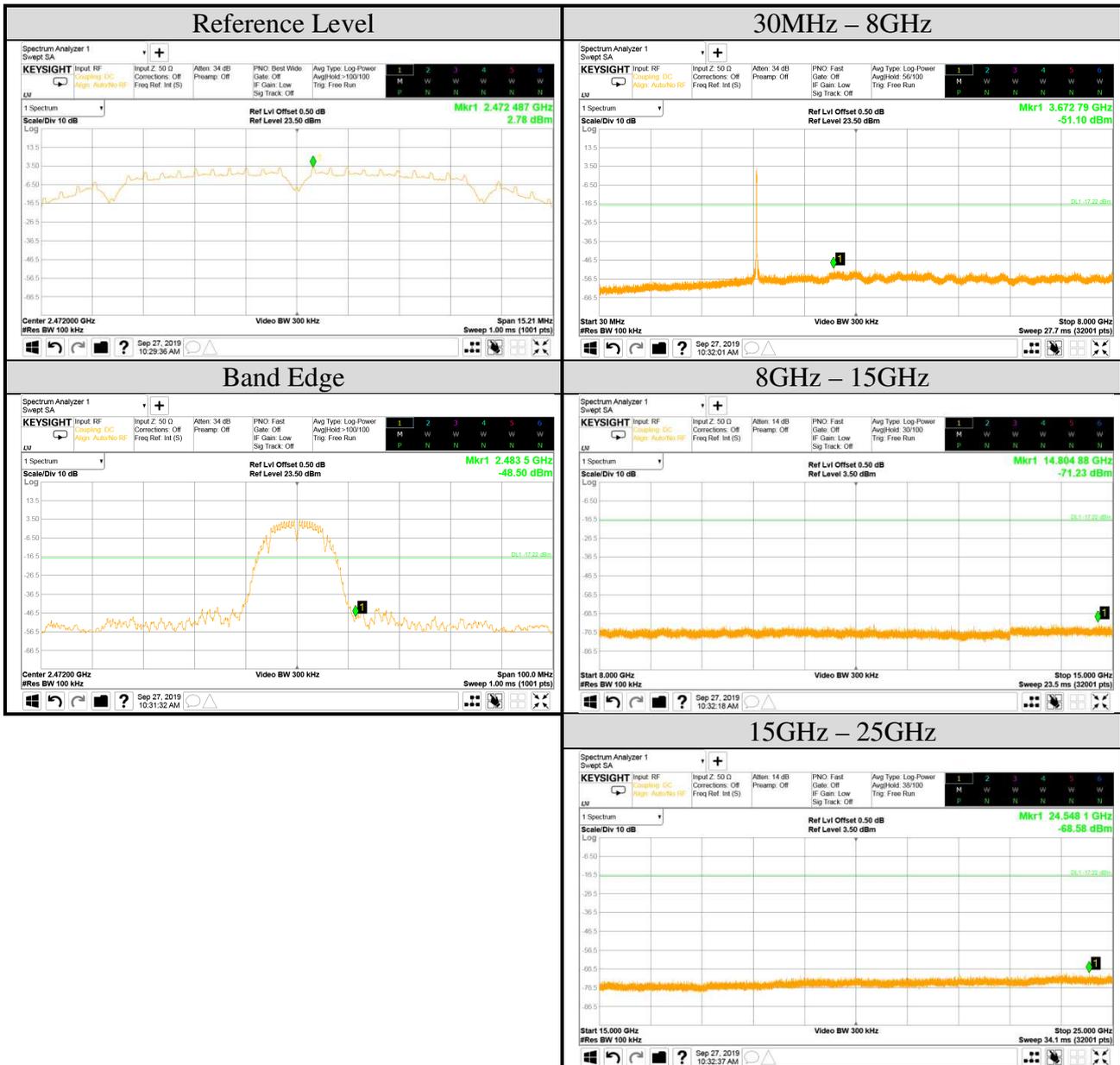
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11b	Tested By	Martin Chen
Frequency	TX 2442MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	0	



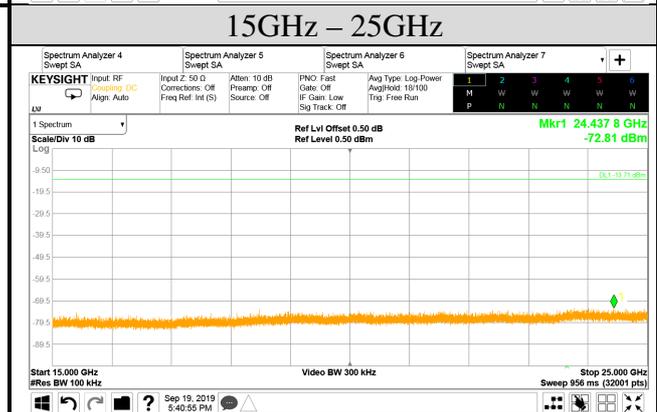
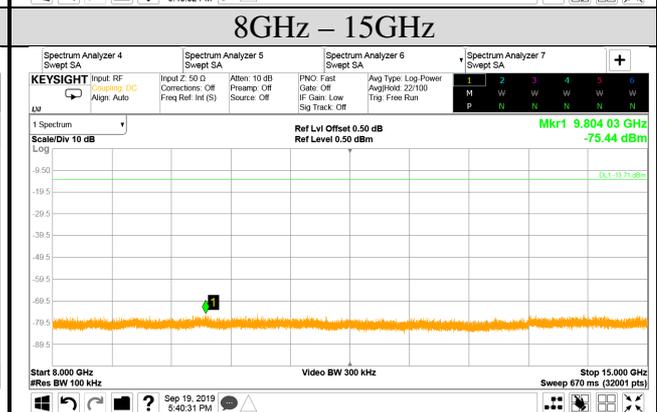
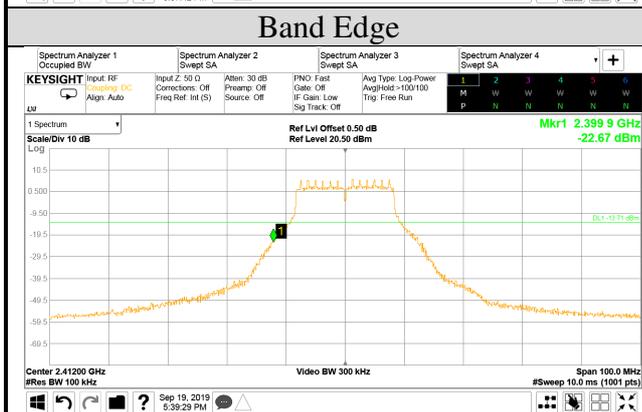
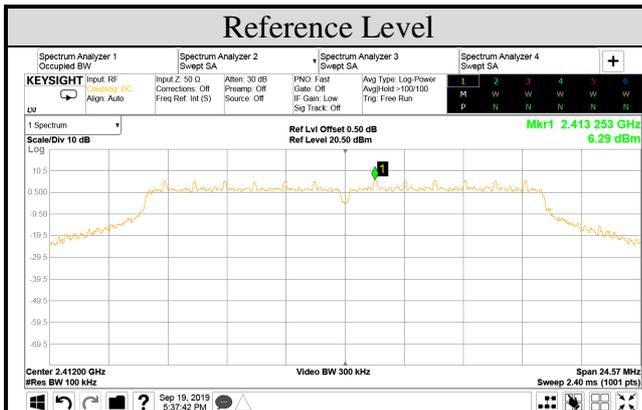
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11b	Tested By	Martin Chen
Frequency	TX 2462MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	0	



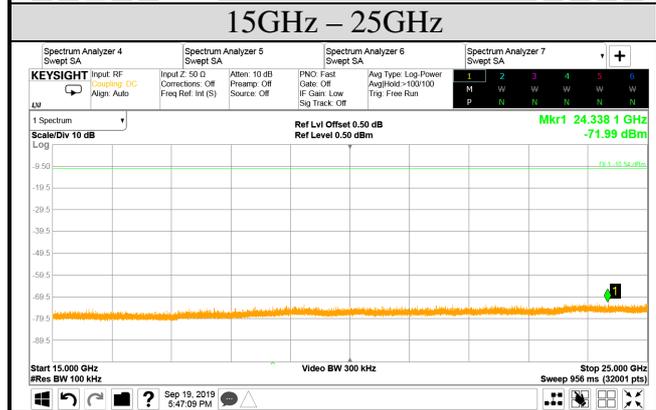
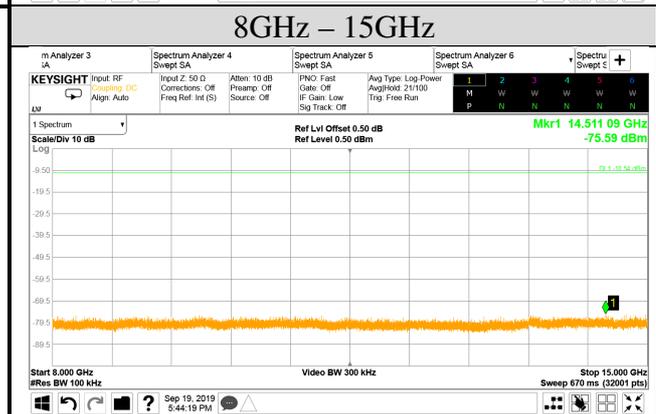
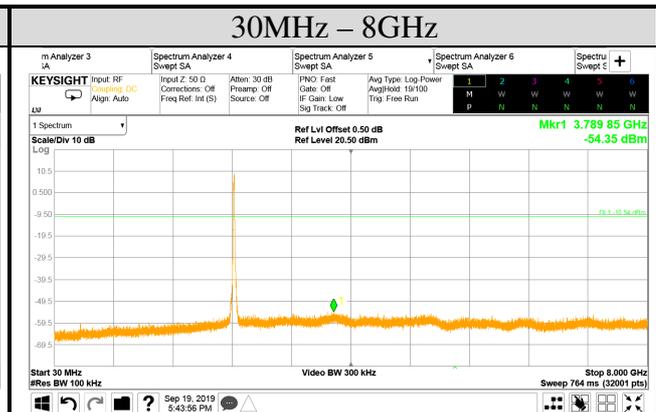
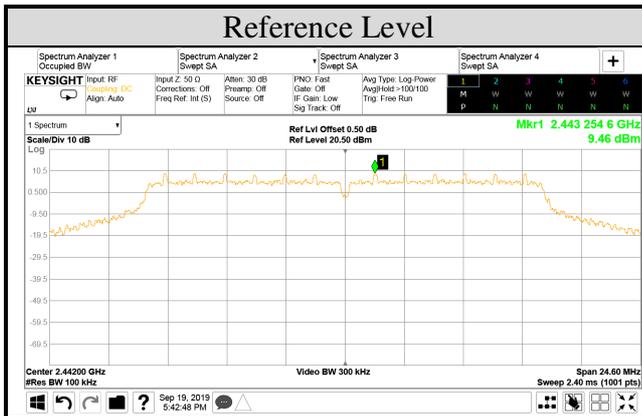
Test Date	2019/09/19 ~ 27	Temp./Hum.	24 ~ 25°C/49 ~ 54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11b	Tested By	Martin Chen
Frequency	TX 2472MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	0	



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 2412MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	0	



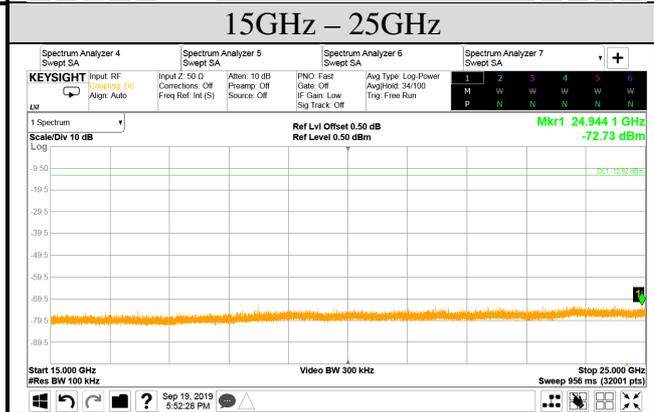
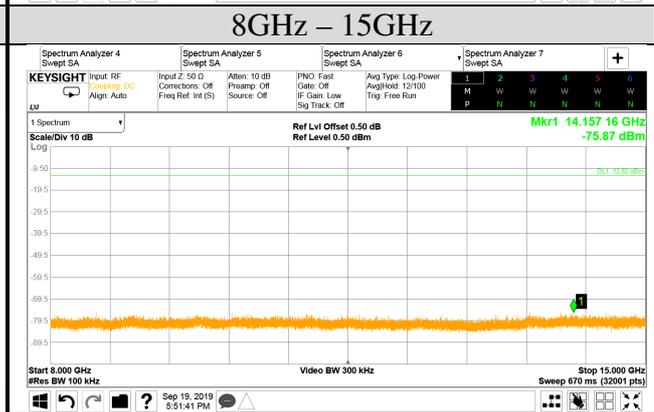
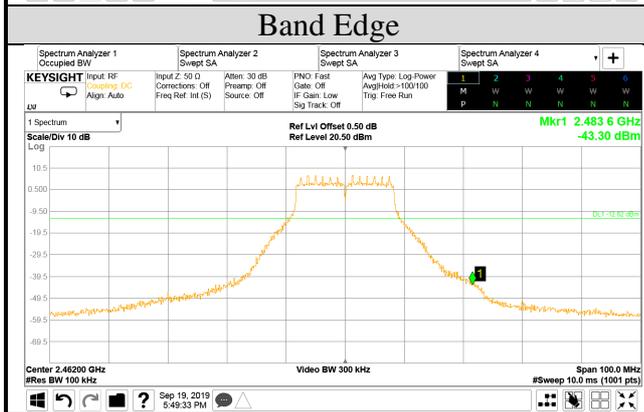
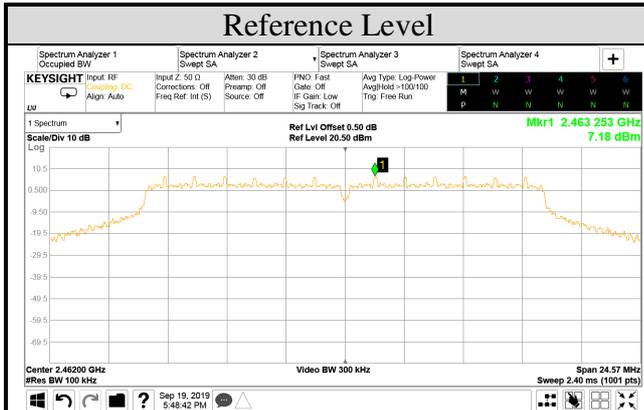
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11g	Tested By	Martin Chen
Frequency	TX 2442MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	0	



**Audix Technology Corp.**  
 No. 53-11, Dingfu, Linkou, Dist.,  
 New Taipei City 244, Taiwan

**Tel: +886 2 26099301**  
**Fax: +886 2 26099303**

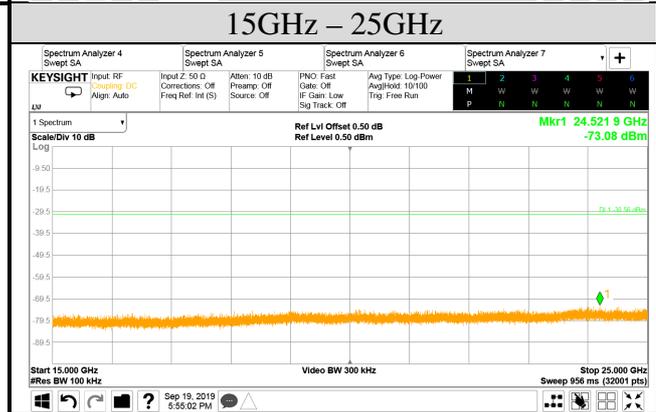
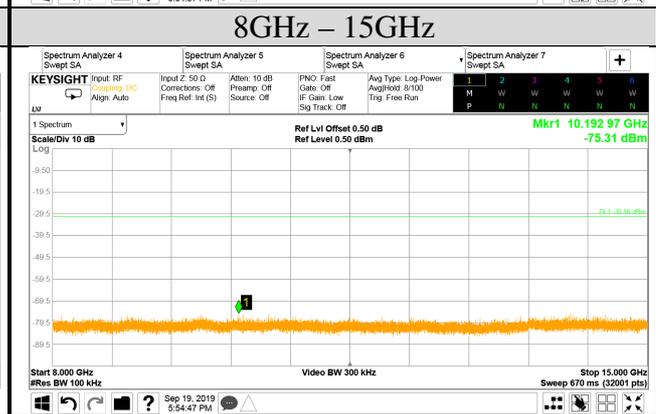
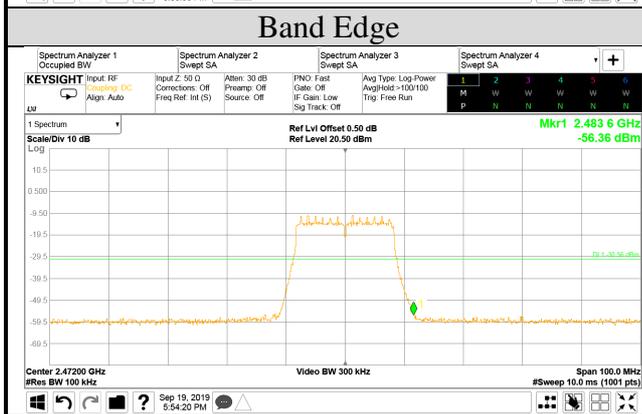
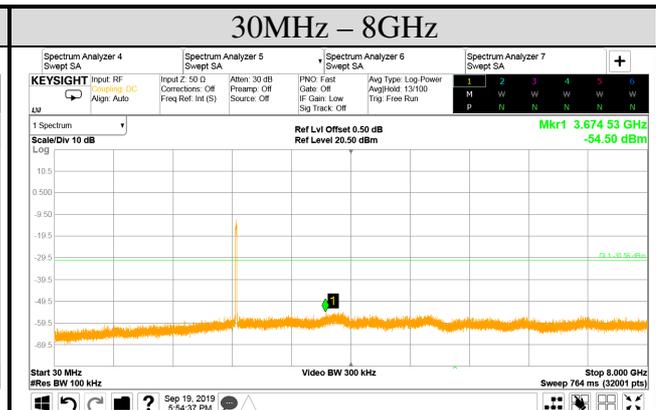
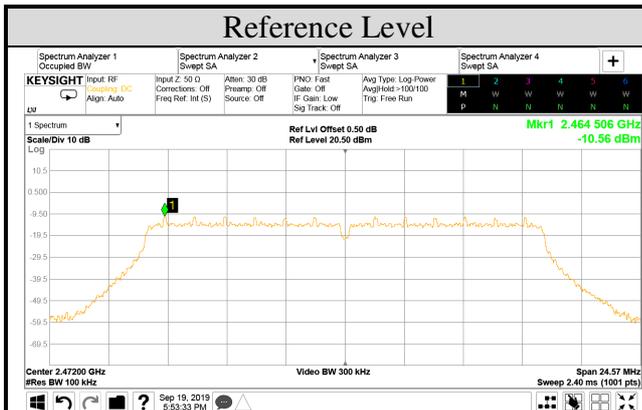
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11g	Tested By	Martin Chen
Frequency	TX 2462MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	0	



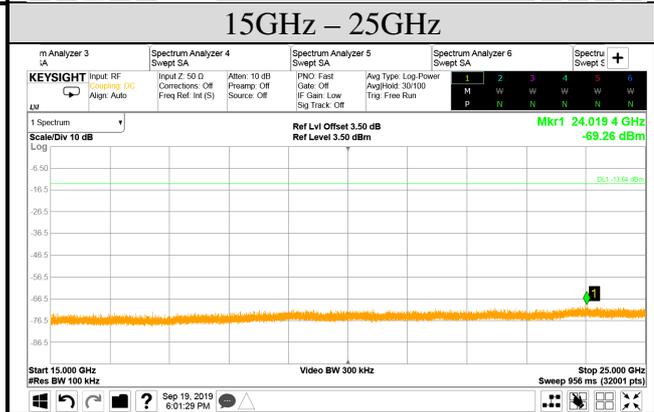
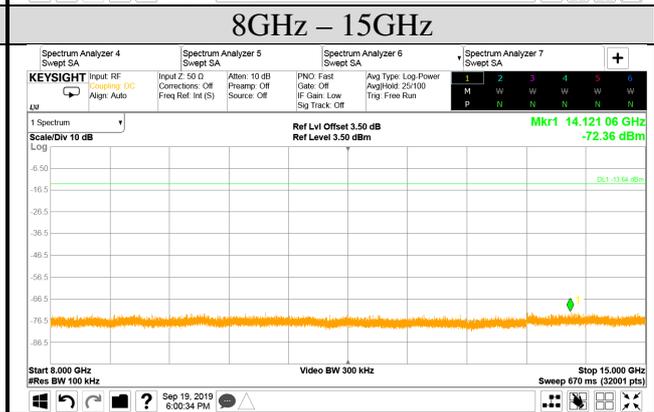
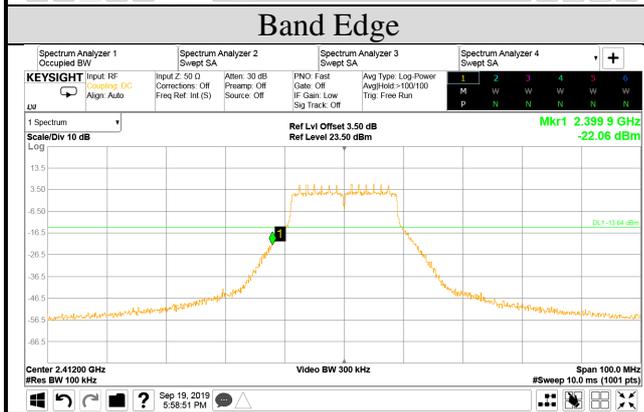
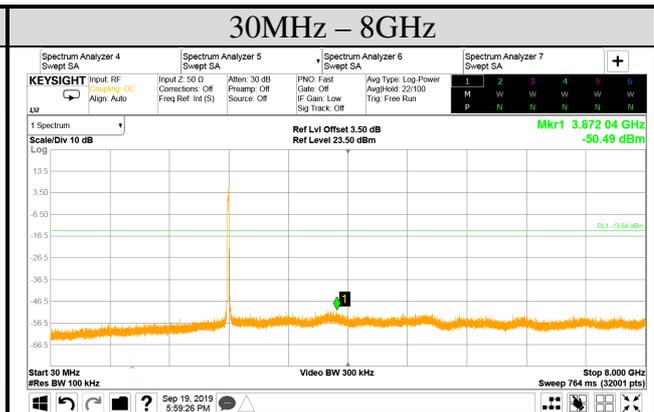
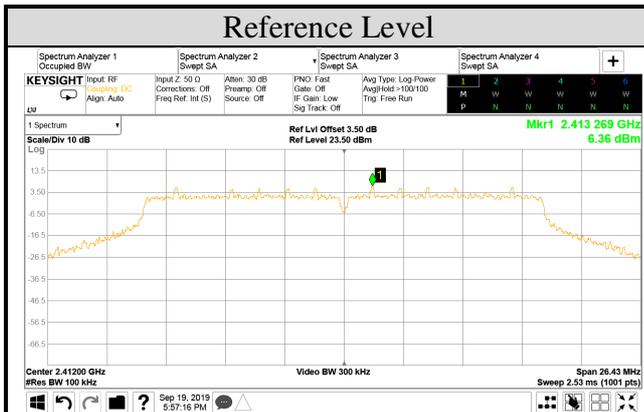
**Audix Technology Corp.**  
 No. 53-11, Dingfu, Linkou, Dist.,  
 New Taipei City 244, Taiwan

**Tel: +886 2 26099301**  
**Fax: +886 2 26099303**

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 2472MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	0	



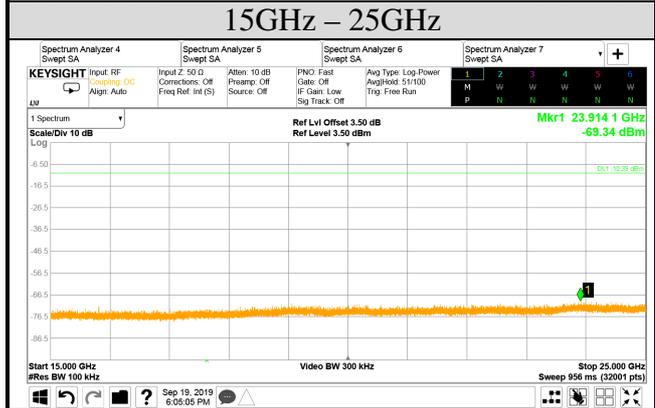
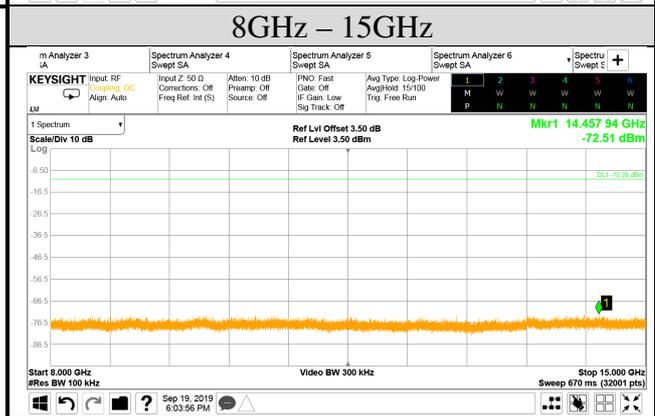
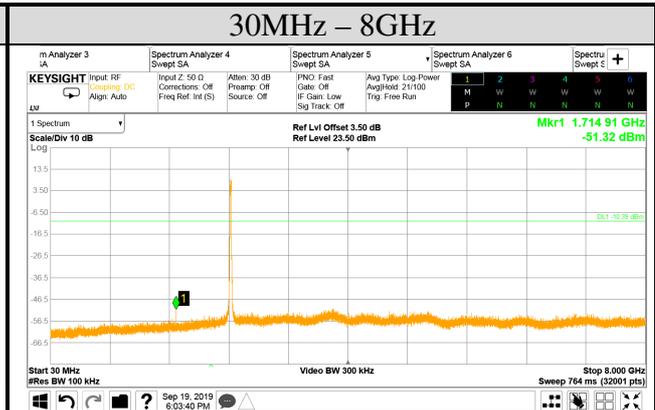
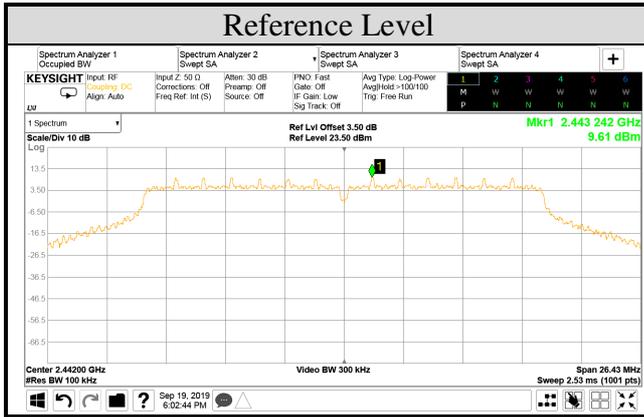
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11n-HT20	Tested By	Martin Chen
Frequency	TX 2412MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	3	



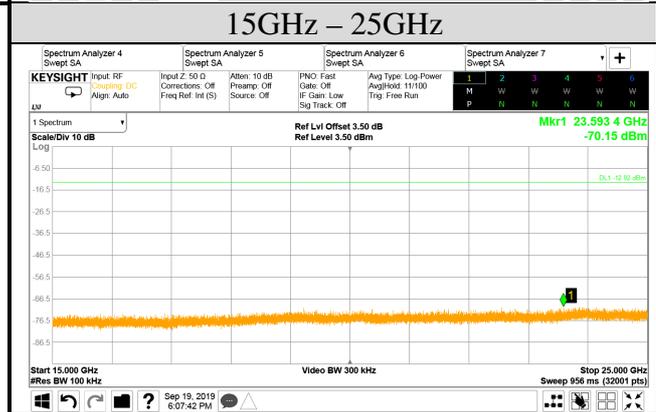
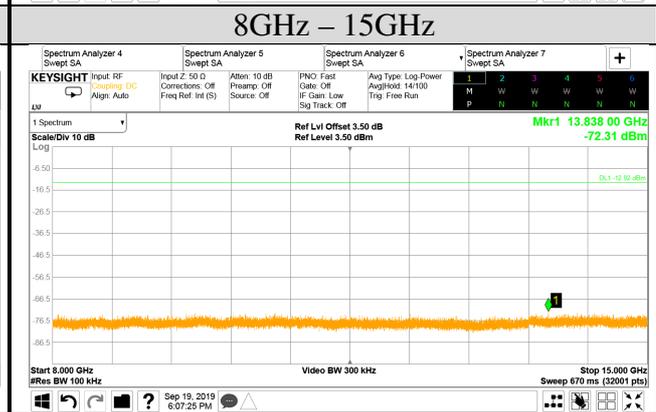
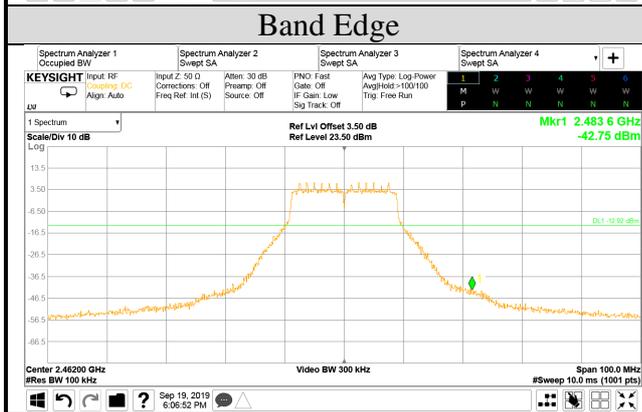
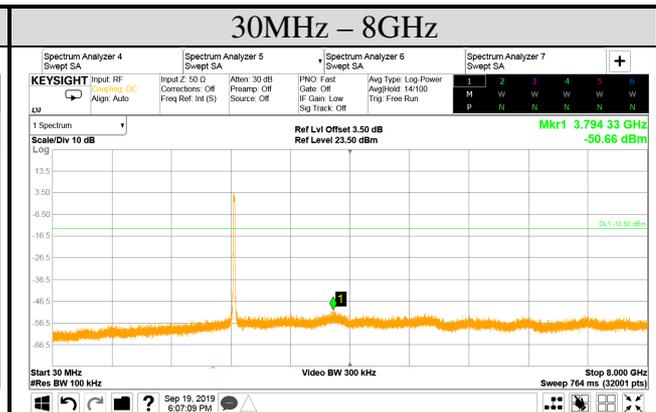
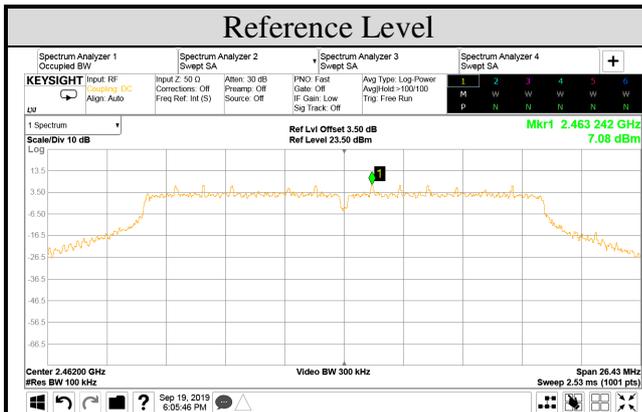
**Audix Technology Corp.**  
 No. 53-11, Dingfu, Linkou, Dist.,  
 New Taipei City 244, Taiwan

**Tel: +886 2 26099301**  
**Fax: +886 2 26099303**

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 2442MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	3	



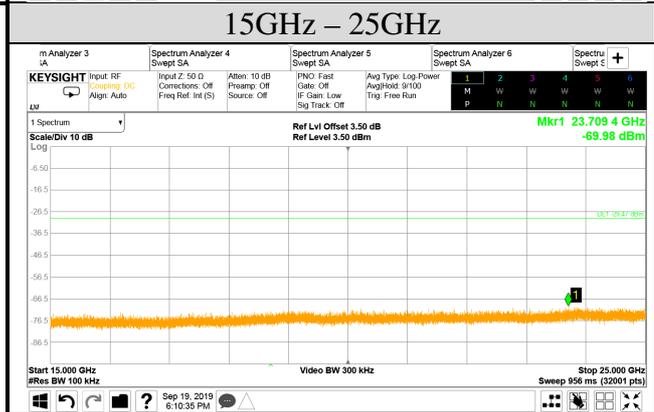
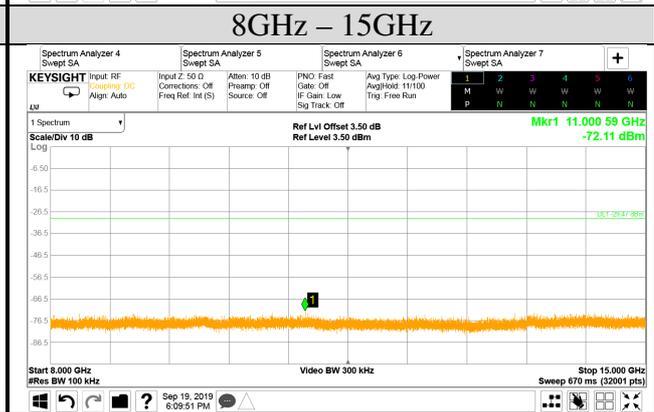
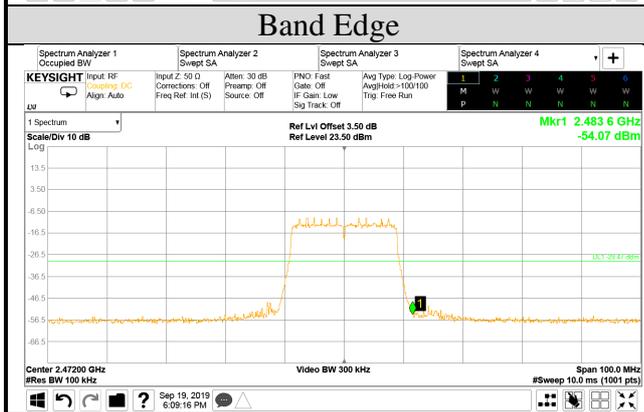
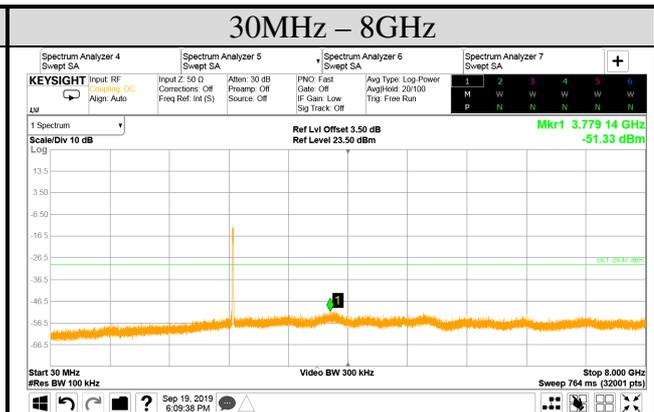
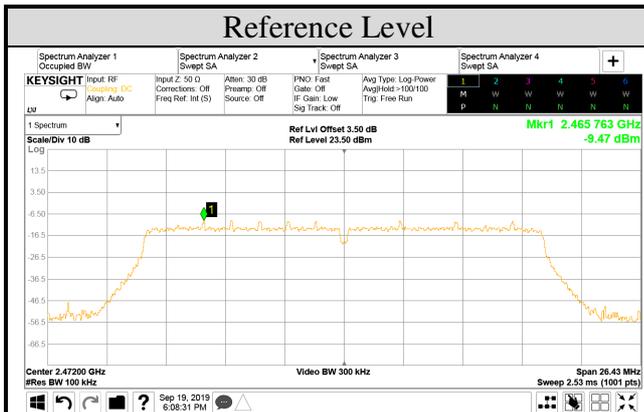
Test Date	2019/09/19	Temp./Hum.	25°C/54%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	802.11n-HT20	Tested By	Martin Chen
Frequency	TX 2462MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	3	



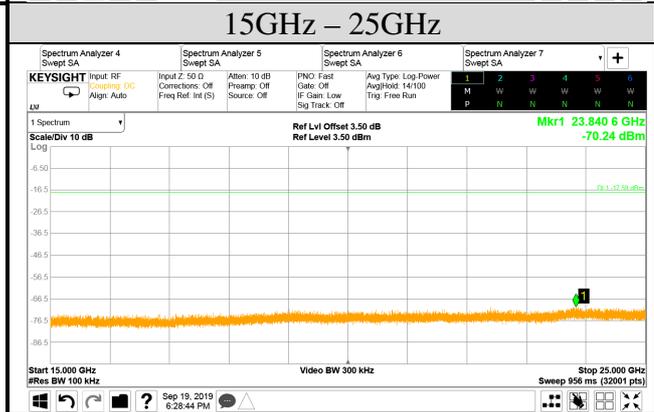
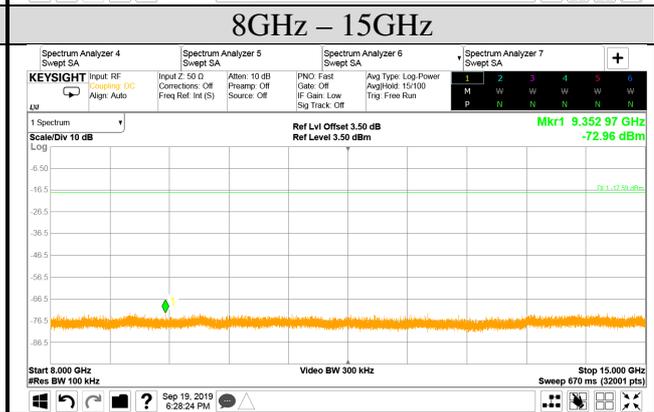
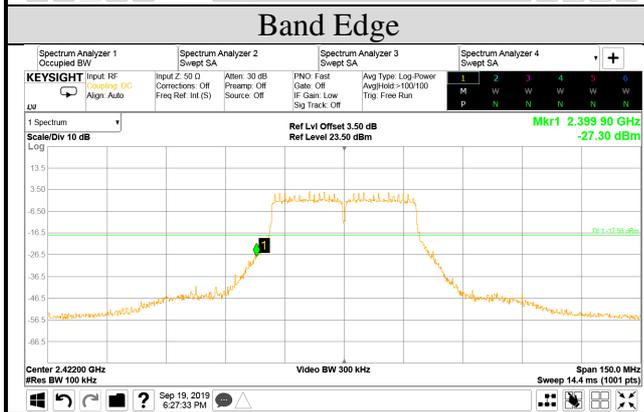
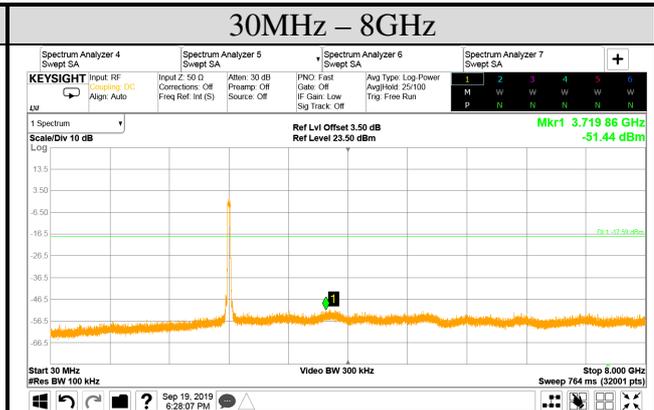
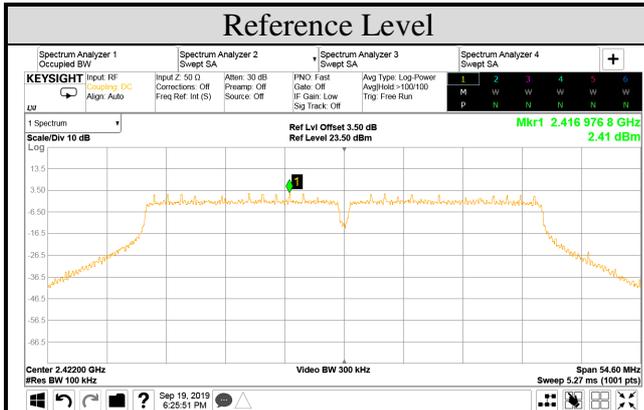
**Audix Technology Corp.**  
 No. 53-11, Dingfu, Linkou, Dist.,  
 New Taipei City 244, Taiwan

**Tel: +886 2 26099301**  
**Fax: +886 2 26099303**

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	



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-HT40	Tested By	Martin Chen
Frequency	TX 2422MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	3	



**Audix Technology Corp.**  
 No. 53-11, Dingfu, Linkou, Dist.,  
 New Taipei City 244, Taiwan

**Tel: +886 2 26099301**  
**Fax: +886 2 26099303**

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-HT40	Tested By	Martin Chen
Frequency	TX 2442MHz		
Simultaneous Factor	10 log(n) (Note: "n" is antenna number)	3	

