

Ant-3	6385	0.20	0.46	43.48	---	---
Ant-1	6465	0.19	0.42	45.24	---	---
Ant-3	6465	0.19	0.43	44.19	---	---
Ant-1	6545	0.19	0.42	45.24	---	---
Ant-3	6545	0.19	0.44	43.18	---	---
Ant-1	6625	0.19	0.43	44.19	---	---
Ant-3	6625	0.19	0.42	45.24	---	---
Ant-1	6705	0.20	0.58	34.48	---	---
Ant-3	6705	0.19	0.43	44.19	---	---
Ant-1	6785	0.19	0.43	44.19	---	---
Ant-3	6785	0.19	0.43	44.19	---	---
Ant-1	6865	0.19	0.43	44.19	---	---
Ant-3	6865	0.19	0.44	43.18	---	---
Ant-1	6945	0.19	0.43	44.19	---	---
Ant-3	6945	0.19	0.43	44.19	---	---
Ant-1	7025	0.19	0.43	44.19	---	---
Ant-3	7025	0.20	0.46	43.48	---	---

6.5. Test Graphs









































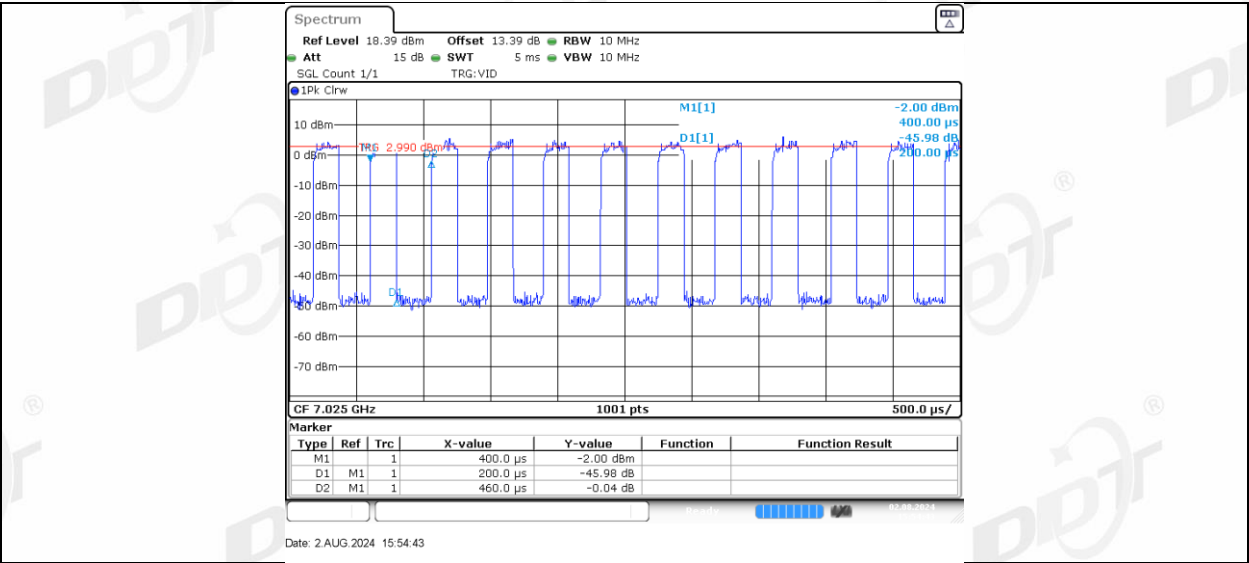






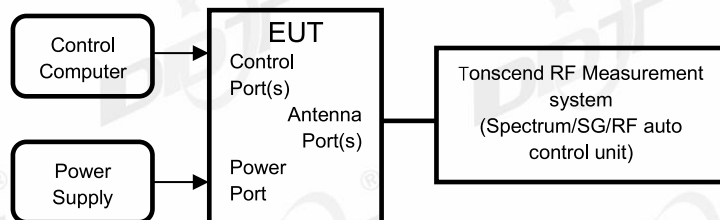






7. Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

7.1. Block diagram of test setup



7.2. Limits

FCC Part15, Subpart E/ RSS-248		
Devices type	Limit	Frequency Range (MHz)
RLAN devices other than client devices	For FCC: standard power access point and fixed client device: 36 dBm outdoor devices: any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).	5925-6425 and 6525-6875
	For FCC: indoor access point: 30 dBm	5925-7125
	For FCC: a subordinate device operating under the control of an indoor access point: 30 dBm	5925-7125
	For RSS: 30 dBm/occupied bandwidth.	5925-7125
Client devices	For FCC: client devices under the control of a standard power access point: 30 dBm, and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.	5925-6425 and 6525-6875
	For FCC: For client devices operating under the control of an indoor access point: 24 dBm	5925-7125
	For RSS: 24 dBm/occupied bandwidth	5925-7125
Note: This Module meet the requirement of Client devices		

7.3. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator
Measure the output power of each antenna port by power sensor.

7.4. Test Result

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20 MIMO	Ant-1	5955	60.44	2.19	-1.97	4.74	2.77	≤24.00	PASS
	Ant-3	5955	60.87	2.16	-1.04	4.71	3.67	≤24.00	PASS
	total	5955	---	---	1.53	7.74	9.27	≤24.00	PASS
	Ant-1	6175	60.44	2.19	-1.00	4.74	3.74	≤24.00	PASS
	Ant-3	6175	60.44	2.19	-0.59	4.71	4.12	≤24.00	PASS
	total	6175	---	---	2.22	7.74	9.96	≤24.00	PASS
	Ant-1	6415	60.44	2.19	-2.61	4.74	2.13	≤24.00	PASS
	Ant-3	6415	59.57	2.25	-1.20	4.71	3.51	≤24.00	PASS
	total	6415	---	---	1.16	7.74	8.90	≤24.00	PASS
	Ant-1	6435	58.95	2.30	-2.21	4.74	2.53	≤24.00	PASS
	Ant-3	6435	60.44	2.19	-1.55	4.71	3.16	≤24.00	PASS
	total	6435	---	---	1.14	7.74	8.88	≤24.00	PASS
	Ant-1	6475	60.87	2.16	-1.17	4.74	3.57	≤24.00	PASS
	Ant-3	6475	60.87	2.16	-1.15	4.71	3.56	≤24.00	PASS
	total	6475	---	---	1.85	7.74	9.59	≤24.00	PASS
	Ant-1	6515	58.95	2.30	-1.35	4.74	3.39	≤24.00	PASS
	Ant-3	6515	60.44	2.19	-1.10	4.71	3.61	≤24.00	PASS
	total	6515	---	---	1.79	7.74	9.53	≤24.00	PASS
	Ant-1	6535	58.95	2.30	-0.96	4.74	3.78	≤24.00	PASS
	Ant-3	6535	59.57	2.25	-0.96	4.71	3.75	≤24.00	PASS
	total	6535	---	---	2.05	7.74	9.79	≤24.00	PASS
	Ant-1	6695	60.44	2.19	-1.40	4.74	3.34	≤24.00	PASS
	Ant-3	6695	60.87	2.16	-0.98	4.71	3.73	≤24.00	PASS
	total	6695	---	---	1.83	7.74	9.57	≤24.00	PASS
	Ant-1	6855	60.44	2.19	-1.12	4.74	3.62	≤24.00	PASS
	Ant-3	6855	60.87	2.16	-0.74	4.71	3.97	≤24.00	PASS
	total	6855	---	---	2.08	7.74	9.82	≤24.00	PASS
	Ant-1	6875	58.95	2.30	-1.16	4.74	3.58	≤24.00	PASS
	Ant-3	6875	60.44	2.19	-1.05	4.71	3.66	≤24.00	PASS
	total	6875	---	---	1.91	7.74	9.65	≤24.00	PASS
	Ant-1	6895	50.00	3.01	-1.09	4.74	3.65	≤24.00	PASS
	Ant-3	6895	50.00	3.01	-0.70	4.71	4.01	≤24.00	PASS
	total	6895	---	---	2.12	7.74	9.86	≤24.00	PASS
	Ant-1	6995	50.00	3.01	-1.04	4.74	3.70	≤24.00	PASS
	Ant-3	6995	50.00	3.01	-1.17	4.71	3.54	≤24.00	PASS
	total	6995	---	---	1.91	7.74	9.65	≤24.00	PASS
	Ant-1	7095	50.00	3.01	-1.33	4.74	3.41	≤24.00	PASS
	Ant-3	7095	50.00	3.01	-2.61	4.71	2.10	≤24.00	PASS
	total	7095	---	---	1.09	7.74	8.83	≤24.00	PASS
	Ant-1	7115	60.44	2.19	-9.46	4.74	-4.72	≤24.00	PASS
	Ant-3	7115	60.87	2.16	-10.22	4.71	-5.51	≤24.00	PASS
	total	7115	---	---	-6.81	7.74	0.93	≤24.00	PASS
11AX40 MIMO	Ant-1	5965	45.07	3.46	0.51	4.74	5.25	≤24.00	PASS
	Ant-3	5965	45.71	3.40	1.23	4.71	5.94	≤24.00	PASS
	total	5965	---	---	3.90	7.74	11.64	≤24.00	PASS
	Ant-1	6165	45.07	3.46	0.94	4.74	5.68	≤24.00	PASS
	Ant-3	6165	45.07	3.46	1.74	4.71	6.45	≤24.00	PASS
	total	6165	---	---	4.37	7.74	12.11	≤24.00	PASS
	Ant-1	6405	45.07	3.46	0.03	4.74	4.77	≤24.00	PASS
	Ant-3	6405	45.71	3.40	1.21	4.71	5.92	≤24.00	PASS
	total	6405	---	---	3.67	7.74	11.41	≤24.00	PASS
	Ant-1	6445	45.07	3.46	-0.31	4.74	4.43	≤24.00	PASS
	Ant-3	6445	45.07	3.46	0.77	4.71	5.48	≤24.00	PASS
	total	6445	---	---	3.27	7.74	11.01	≤24.00	PASS
	Ant-1	6485	45.07	3.46	0.98	4.74	5.72	≤24.00	PASS
	Ant-3	6485	45.07	3.46	1.49	4.71	6.20	≤24.00	PASS
	total	6485	---	---	4.25	7.74	11.99	≤24.00	PASS
	Ant-1	6525	45.07	3.46	0.54	4.74	5.28	≤24.00	PASS
	Ant-3	6525	45.07	3.46	1.36	4.71	6.07	≤24.00	PASS