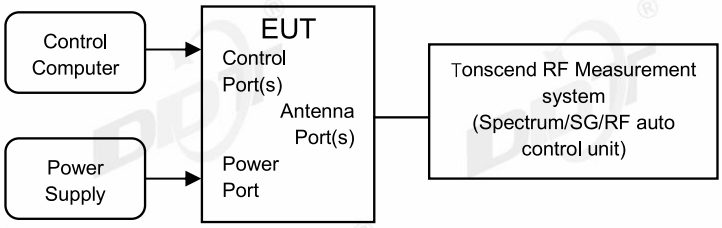
5. 99% Bandwidth

5.1. Block diagram of test setup



5.2. Limits

Just for Report.

5.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 6.9.3.
(2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously
(4) Use the following spectrum analyzer settings for the 99% Bandwidth:

RBW:	1% to 5% of the OBW
VBW:	approximately three times RBW
Span:	between 1.5 times and 5.0 times the OBW
Detector Mode:	peak
Sweep time:	auto
Trace mode	max hold

Allow the trace to stabilize, measure the 99% bandwidth of signal, and record the results in the report.

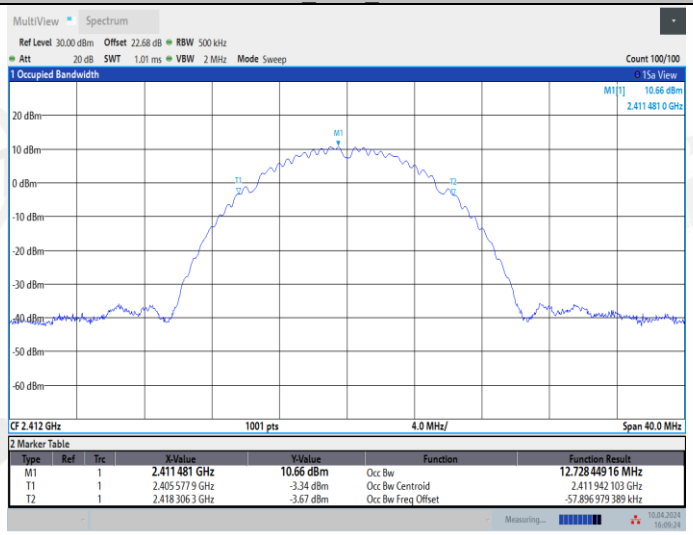
5.4. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	25.5℃,48.2%RH	Test Date:	2024.04.10~2024.04.25
Test Power Supply:	AC 120V/60Hz	Sample Number:	S24032709-002

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.728	2405.5779	2418.3063	---	---
	Ant2	2412	12.552	2405.7835	2418.3354	---	---
	Ant1	2437	12.526	2430.7472	2443.2728	---	---
	Ant2	2437	12.663	2430.6961	2443.3591	---	---
	Ant1	2462	12.721	2455.6669	2468.3874	---	---
	Ant2	2462	12.711	2455.5523	2468.2633	---	---
11G-CDD	Ant1	2412	16.599	2403.6871	2420.2864	---	---
	Ant2	2412	16.571	2403.7192	2420.2898	---	---
	Ant1	2437	16.654	2428.6544	2445.3088	---	---
	Ant2	2437	16.795	2428.6201	2445.4155	---	---
	Ant1	2462	16.7	2453.6446	2470.3449	---	---
	Ant2	2462	16.7	2453.5915	2470.2911	---	---
11N20MIMO	Ant1	2412	17.552	2403.2081	2420.7599	---	---
	Ant2	2412	17.495	2403.2566	2420.7513	---	---
	Ant1	2437	17.596	2428.1782	2445.7740	---	---
	Ant2	2437	17.623	2428.1943	2445.8171	---	---
	Ant1	2462	17.629	2453.1801	2470.8086	---	---
	Ant2	2462	17.564	2453.1799	2470.7439	---	---
11N40MIMO	Ant1	2422	35.985	2404.0794	2440.0642	---	---
	Ant2	2422	35.939	2404.1226	2440.0616	---	---
	Ant1	2437	35.84	2419.0815	2454.9215	---	---
	Ant2	2437	35.94	2419.0281	2454.9680	---	---
	Ant1	2452	36.02	2433.9095	2469.9299	---	---
	Ant2	2452	35.773	2434.0210	2469.7939	---	---
11AX20MIMO	Ant1	2412	18.865	2402.5399	2421.4054	---	---
	Ant2	2412	18.832	2402.5882	2421.4205	---	---
	Ant1	2437	18.884	2427.5552	2446.4395	---	---
	Ant2	2437	18.894	2427.5512	2446.4448	---	---
	Ant1	2462	18.904	2452.5363	2471.4398	---	---
	Ant2	2462	18.912	2452.5167	2471.4283	---	---
11AX40MIMO	Ant1	2422	37.804	2403.1489	2440.9526	---	---
	Ant2	2422	37.743	2403.1993	2440.9424	---	---
	Ant1	2437	37.583	2418.2375	2455.8205	---	---
	Ant2	2437	37.748	2418.1316	2455.8798	---	---
	Ant1	2452	37.811	2433.0575	2470.8681	---	---
	Ant2	2452	37.573	2433.1648	2470.7382	---	---
11BE20MIMO	Ant1	2412	18.945	2402.4942	2421.4388	---	---
	Ant2	2412	18.916	2402.5186	2421.4344	---	---
	Ant1	2437	18.876	2427.5005	2446.3764	---	---
	Ant2	2437	18.952	2427.4915	2446.4435	---	---
	Ant1	2462	19.008	2452.4933	2471.5010	---	---
	Ant2	2462	19.02	2452.4794	2471.4993	---	---
11BE40MIMO	Ant1	2422	37.919	2403.1789	2441.0975	---	---
	Ant2	2422	37.87	2403.2331	2441.1031	---	---
	Ant1	2437	37.608	2418.2226	2455.8303	---	---
	Ant2	2437	37.698	2418.1702	2455.8685	---	---
	Ant1	2452	37.898	2432.9901	2470.8885	---	---
	Ant2	2452	37.709	2433.0901	2470.7993	---	---

5.5. Test graphs

11B_Ant1_2412



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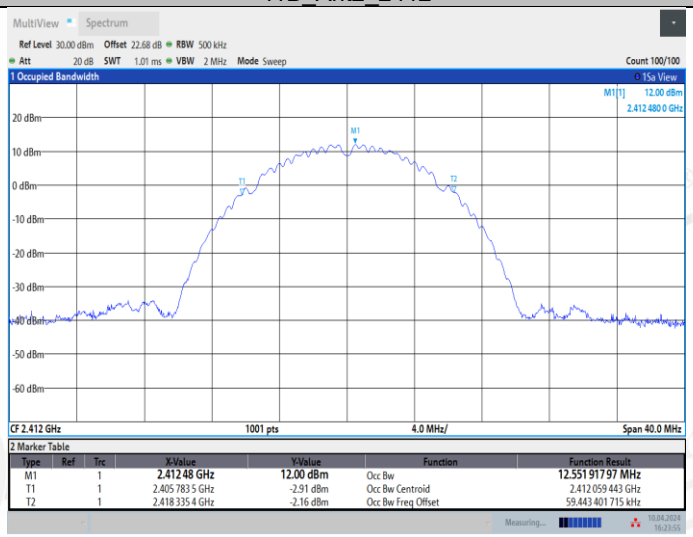

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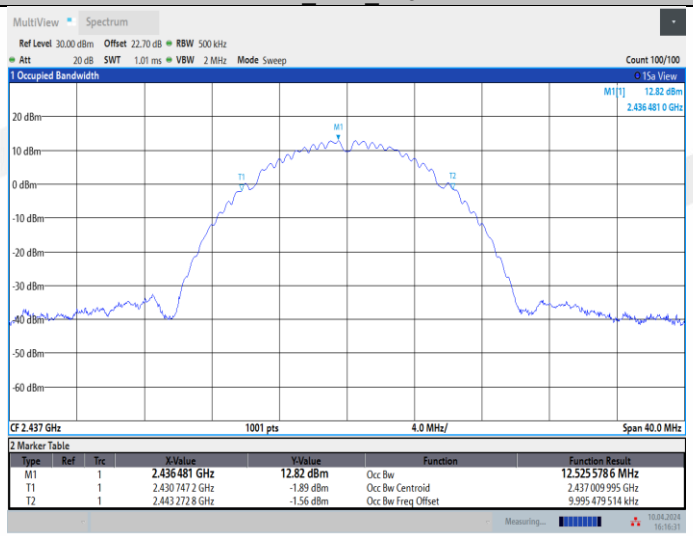

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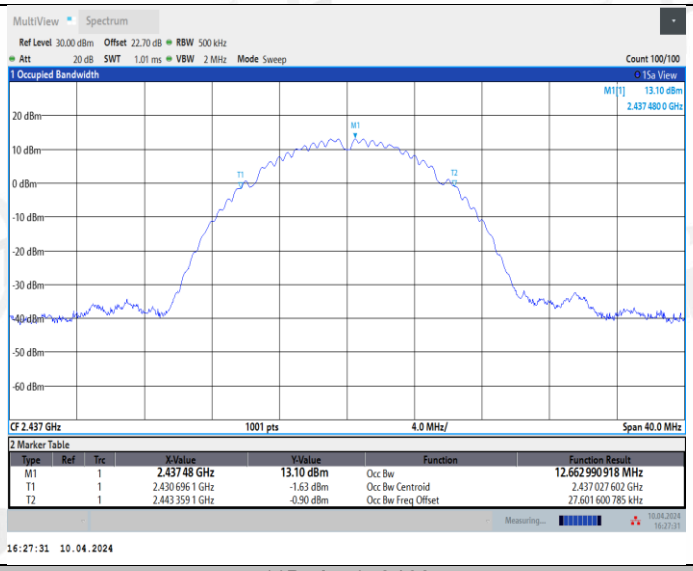
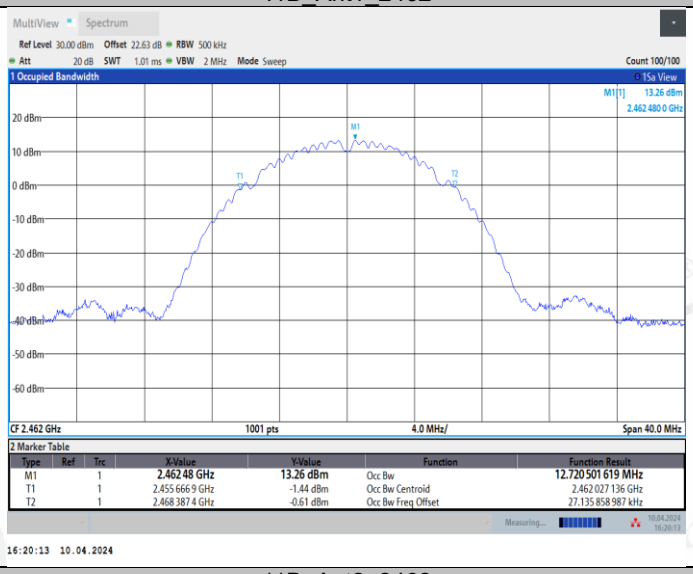


11B_Ant1_2462



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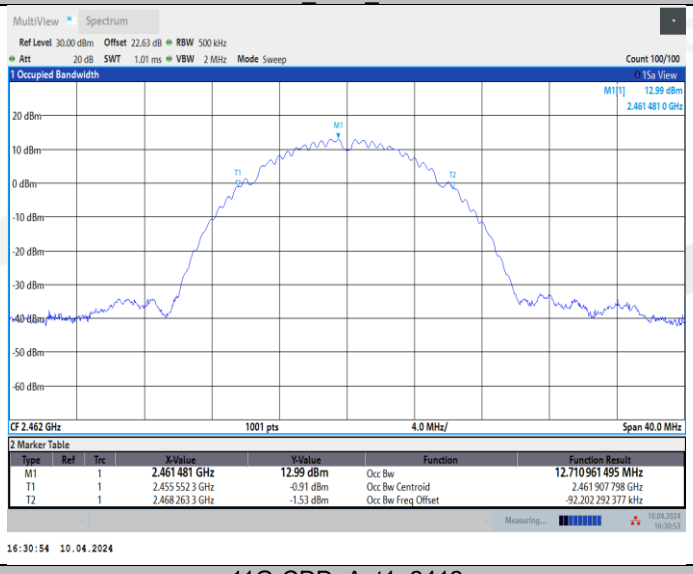

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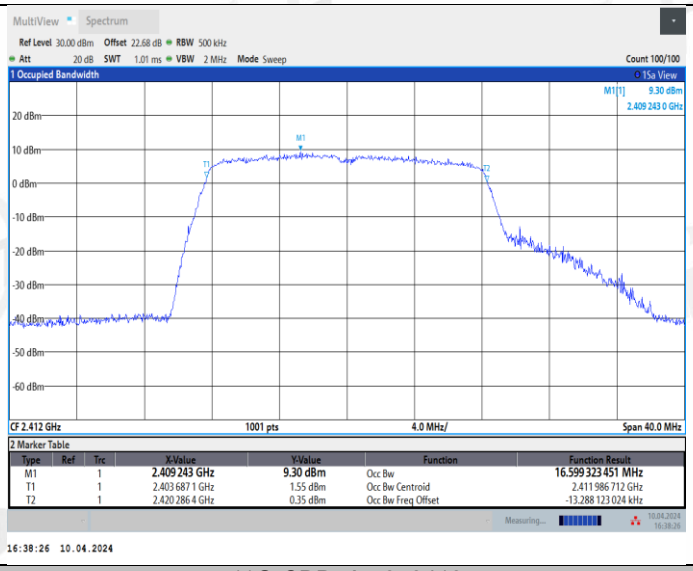

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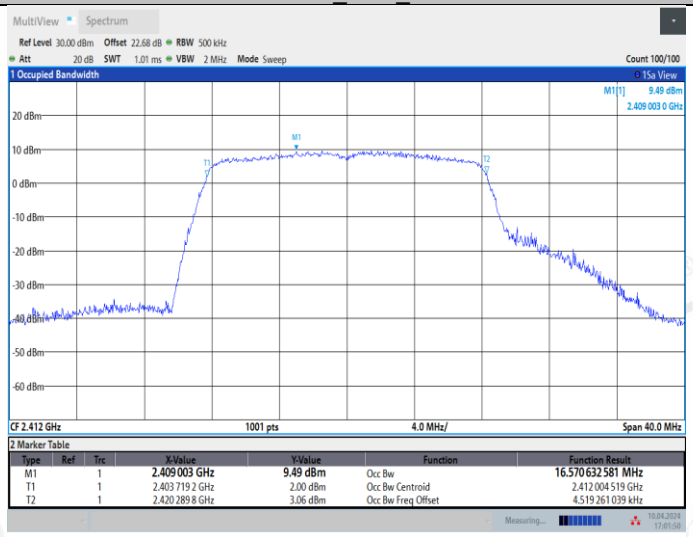

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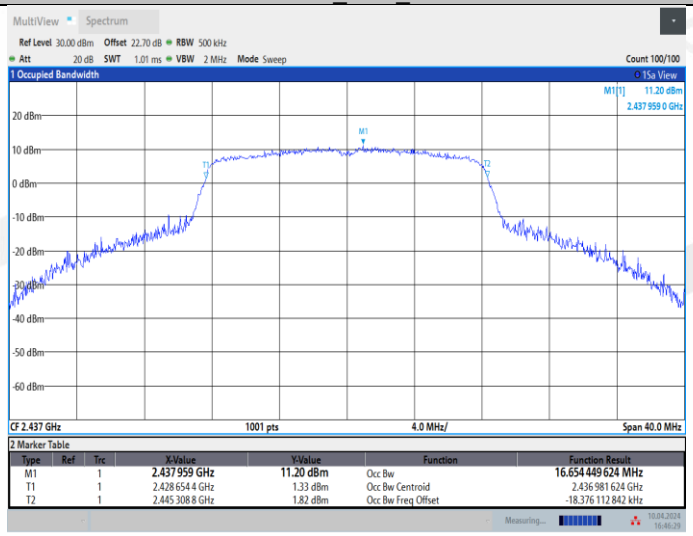

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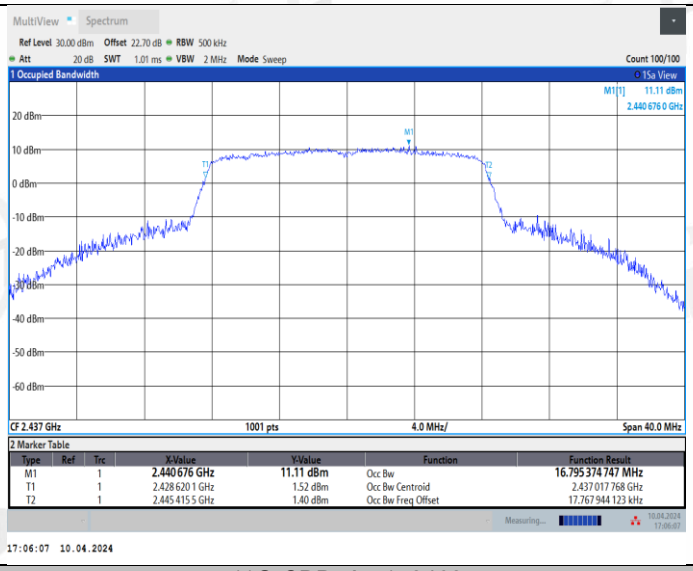

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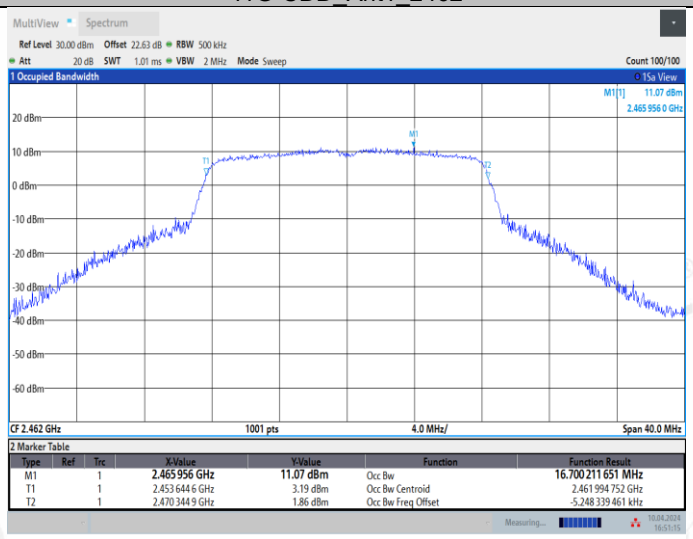

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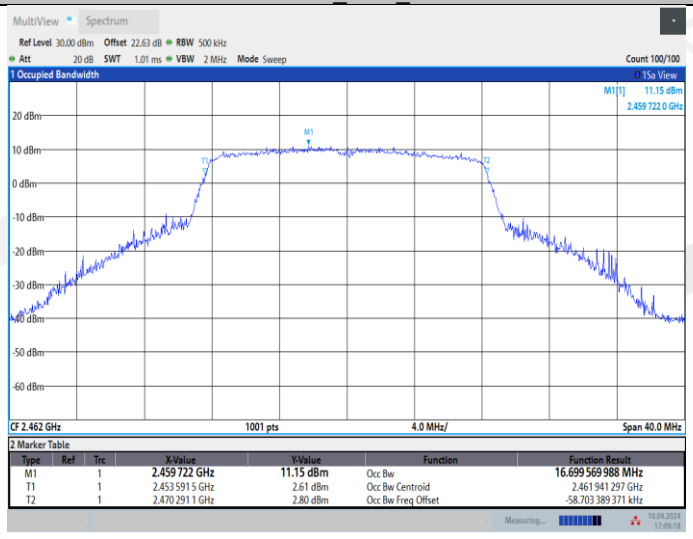

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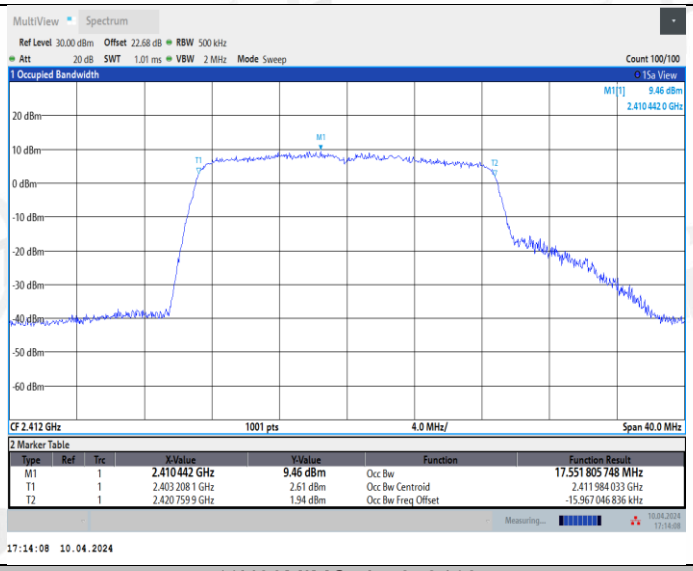

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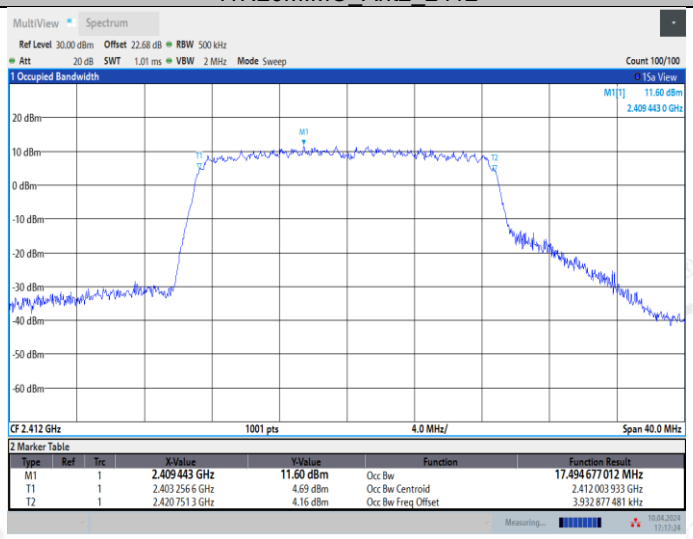

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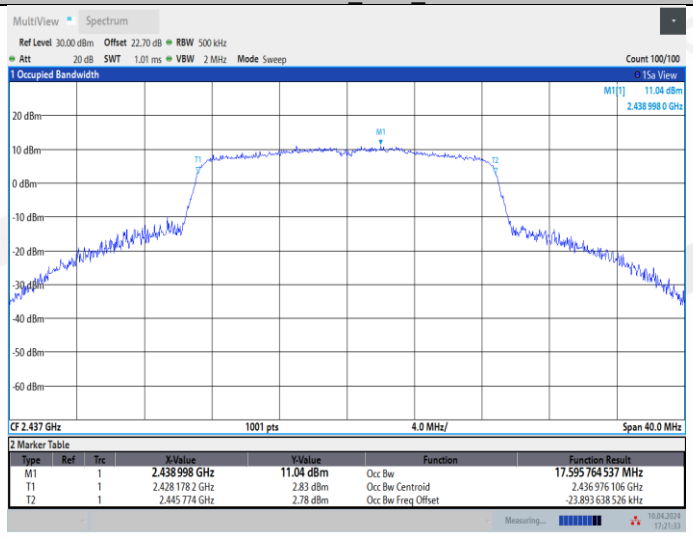

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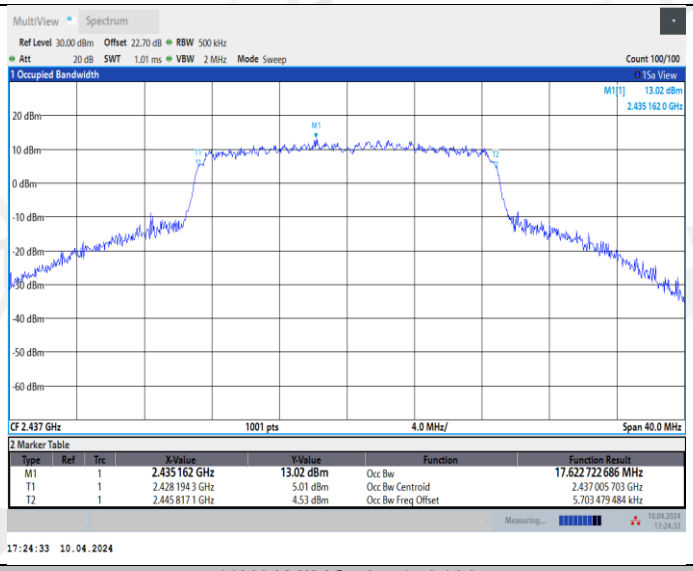

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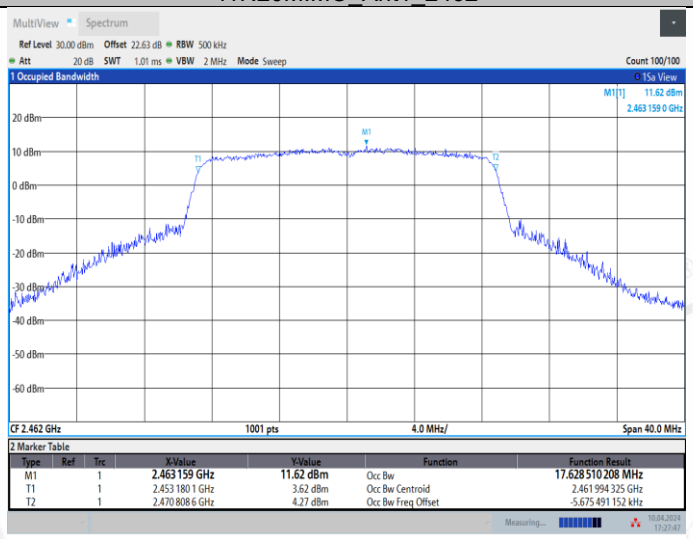

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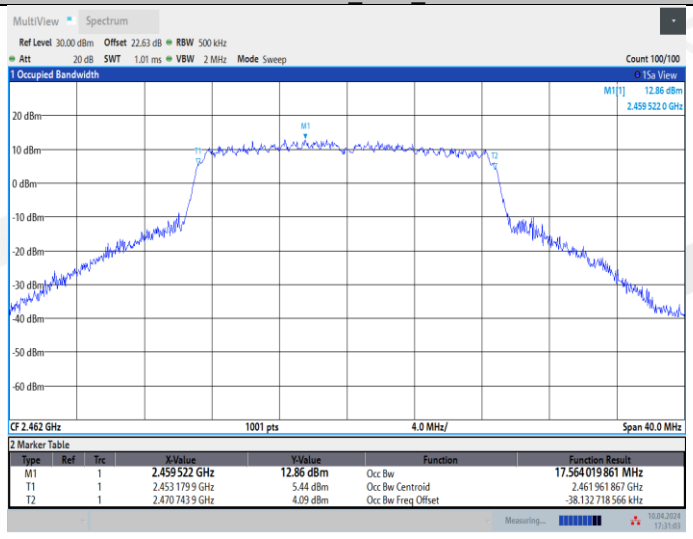

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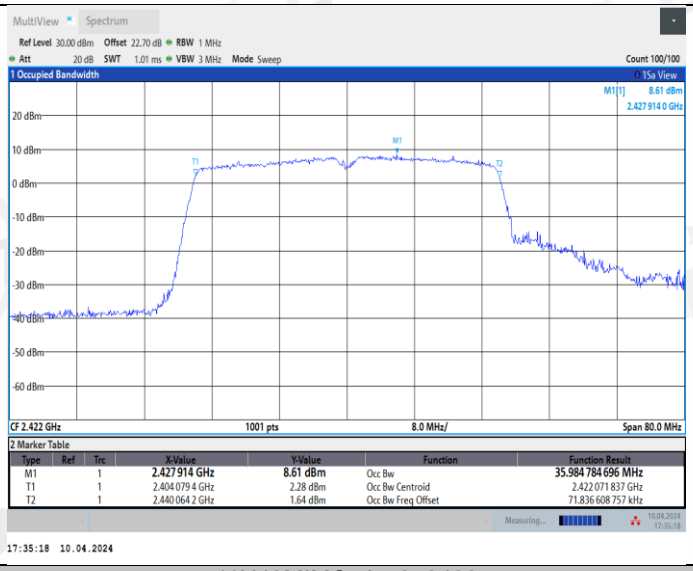

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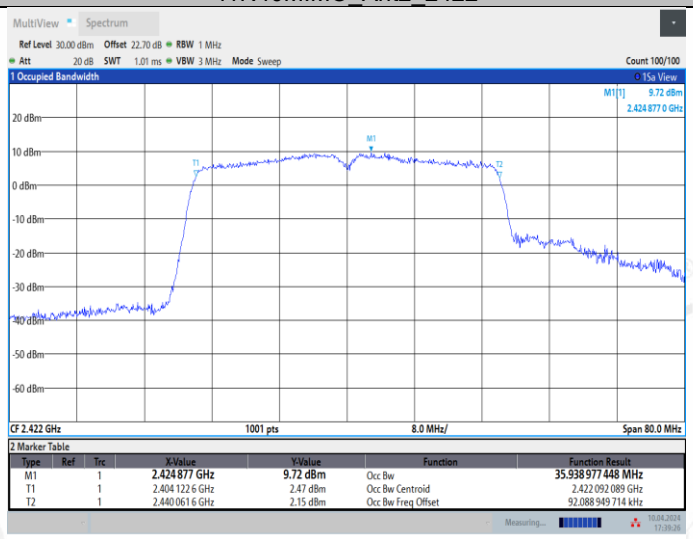

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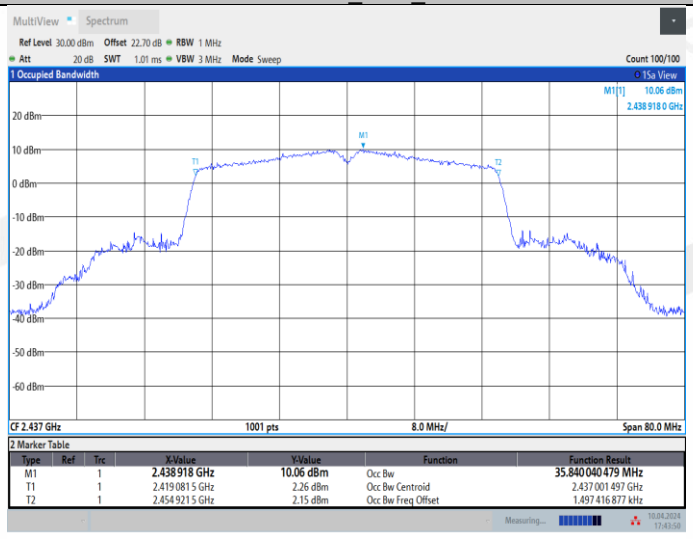

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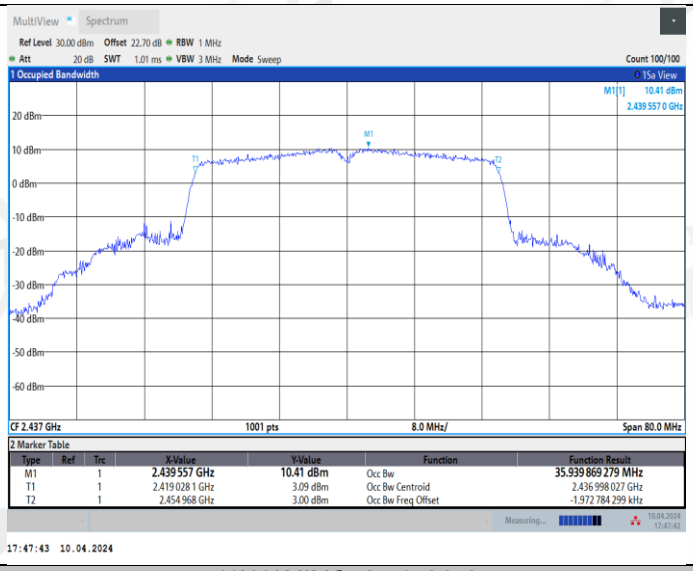

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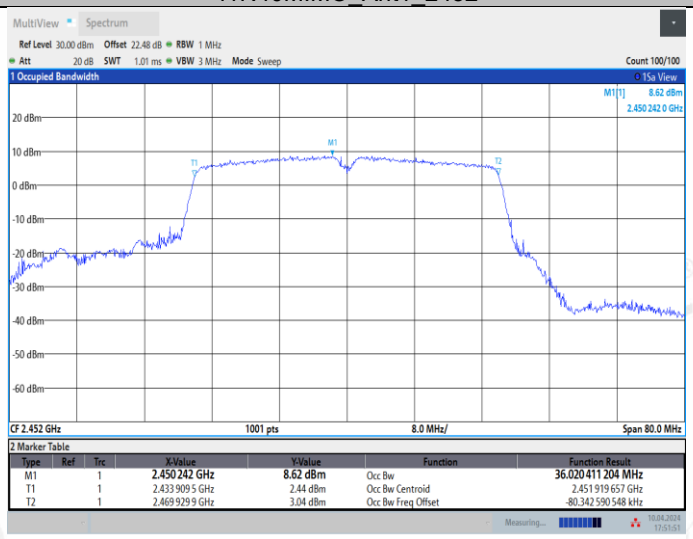

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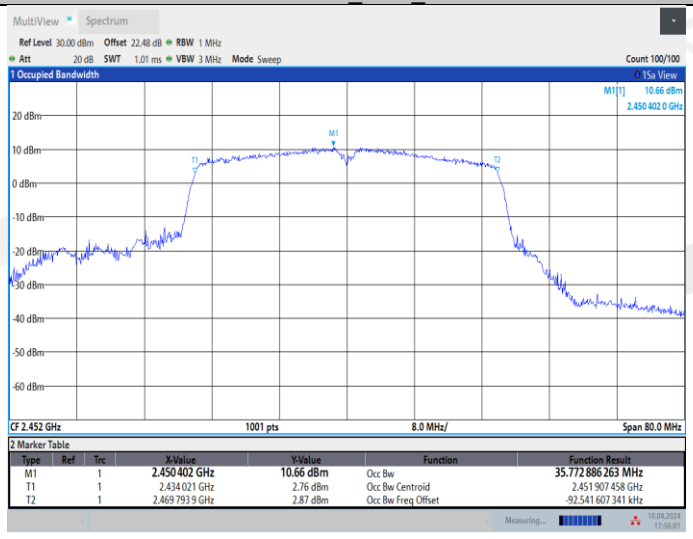

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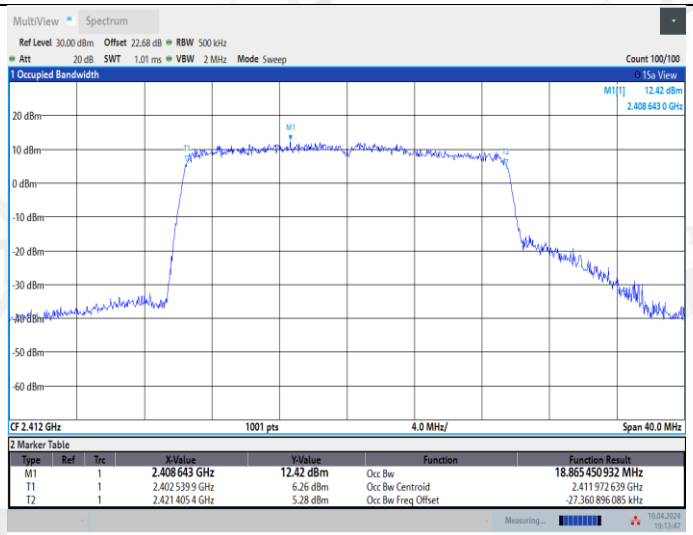

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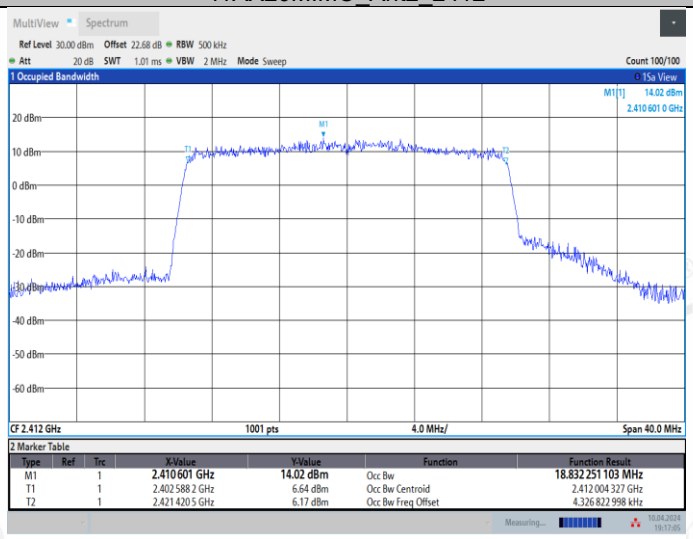

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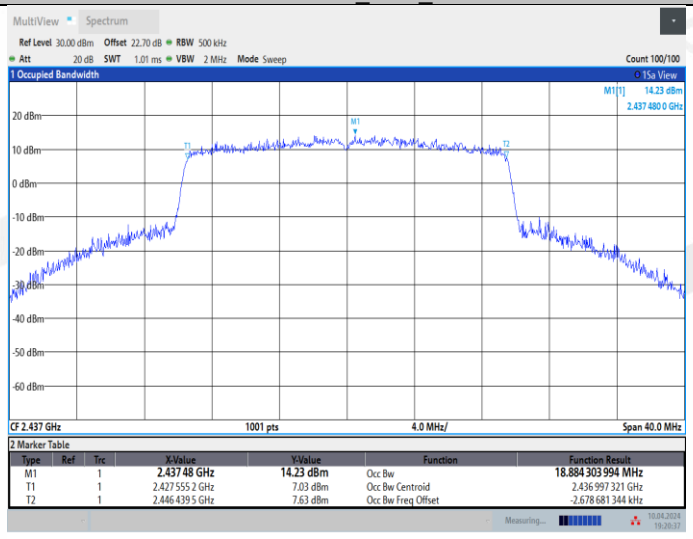

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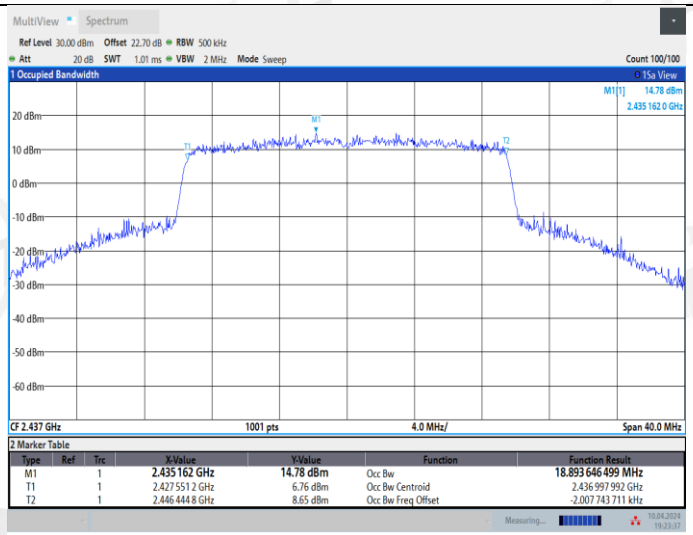

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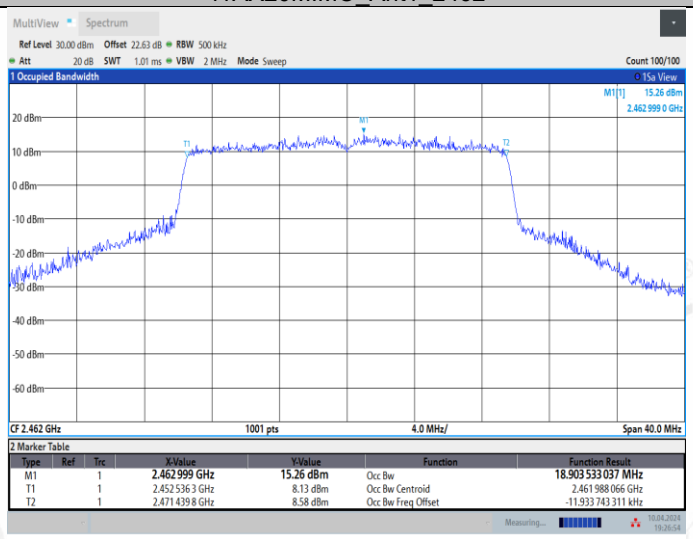

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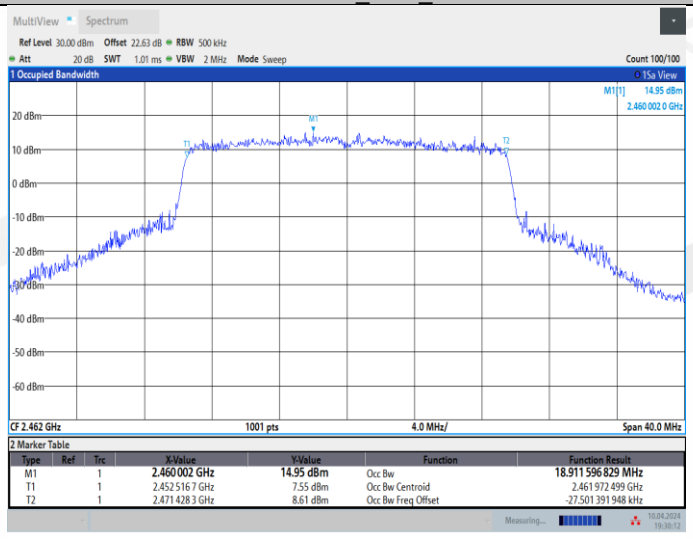

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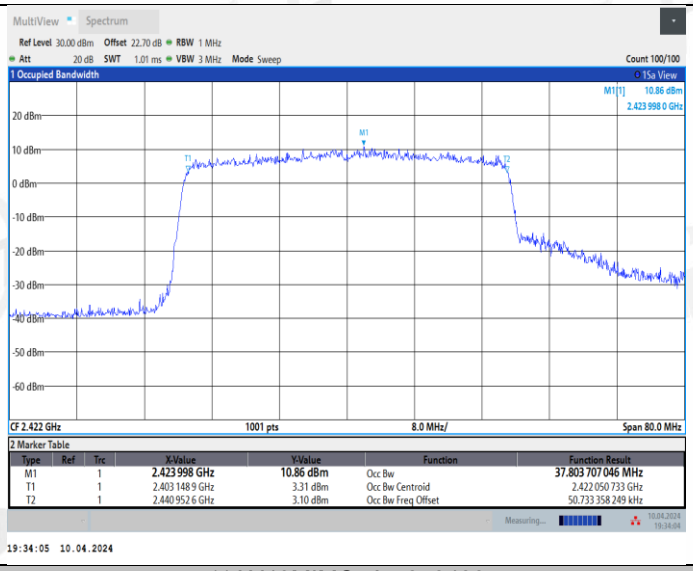

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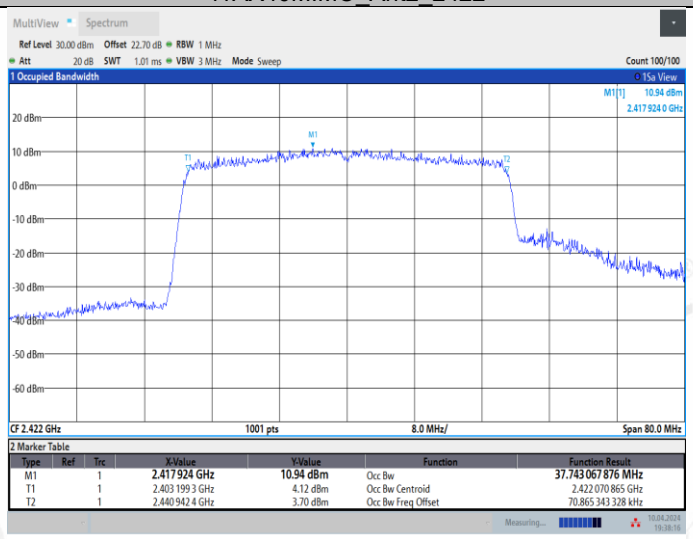

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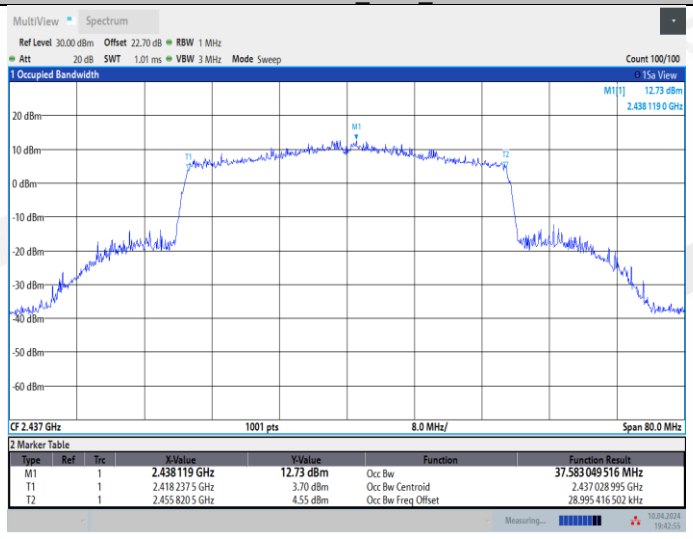

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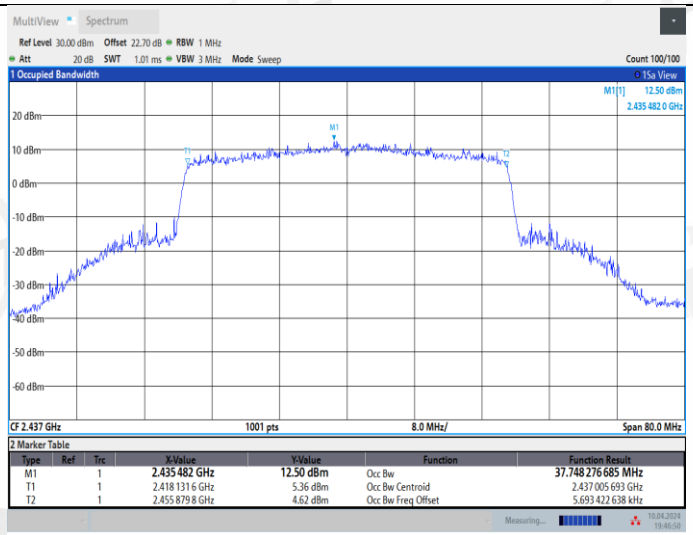

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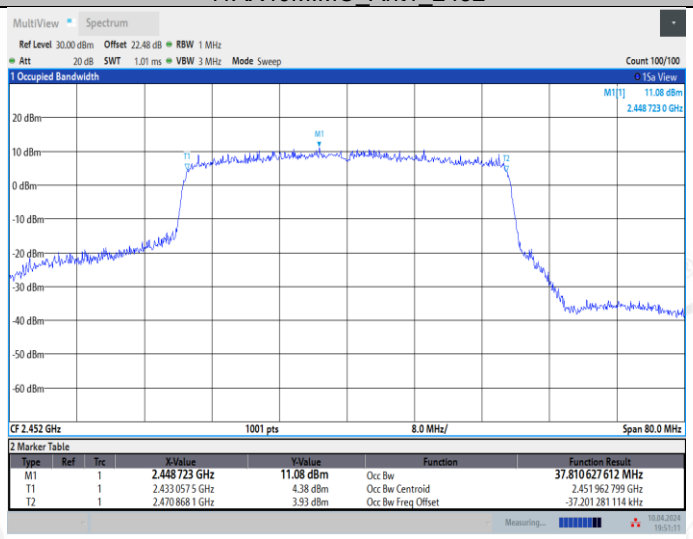

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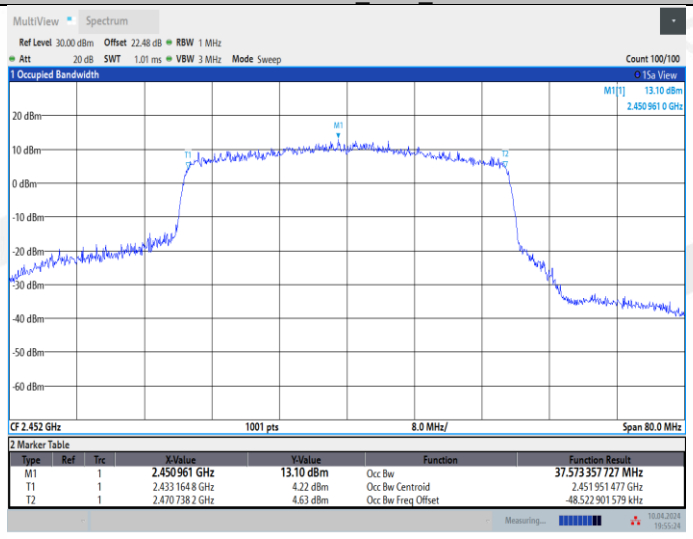

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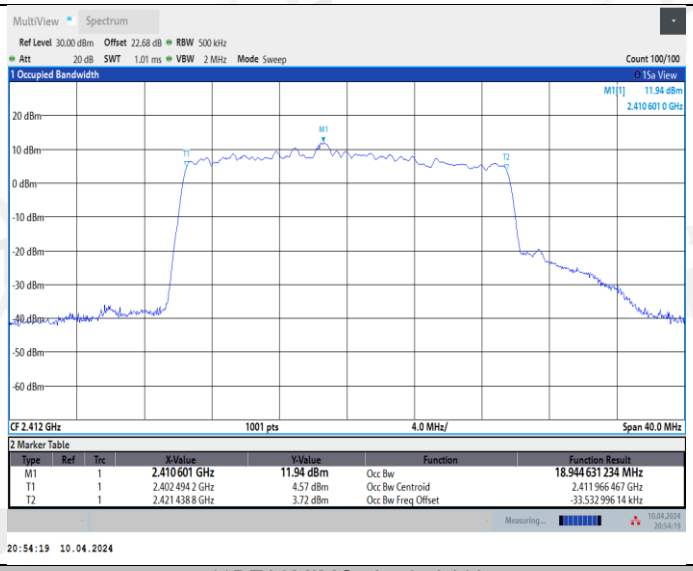

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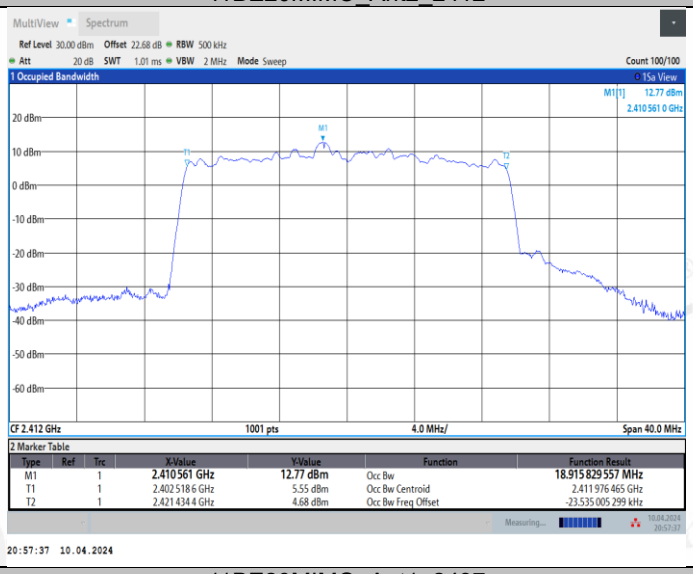

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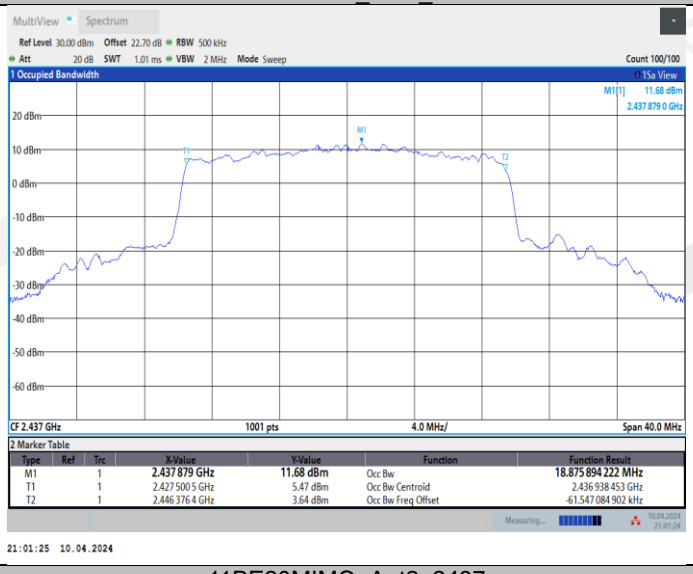

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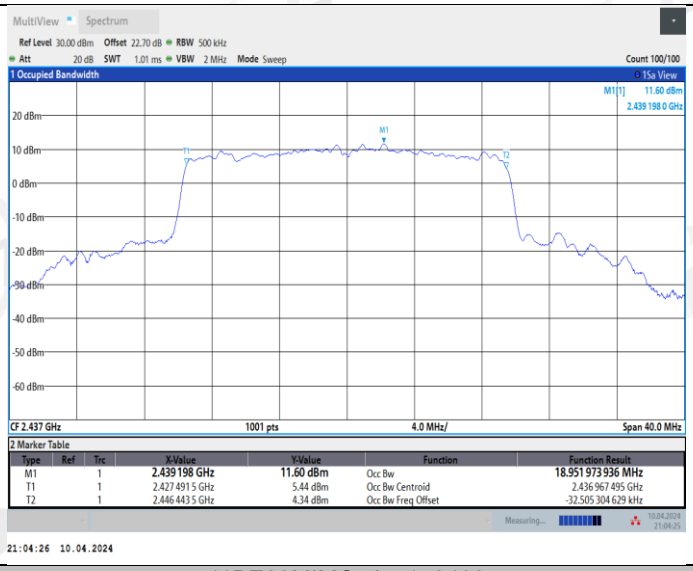

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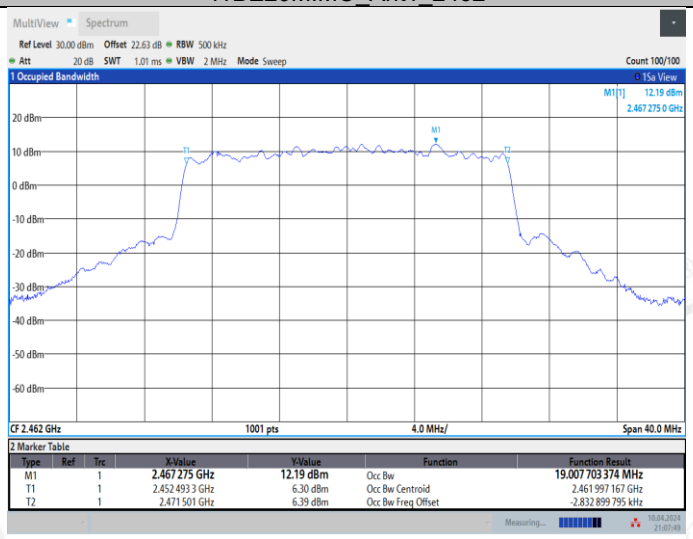

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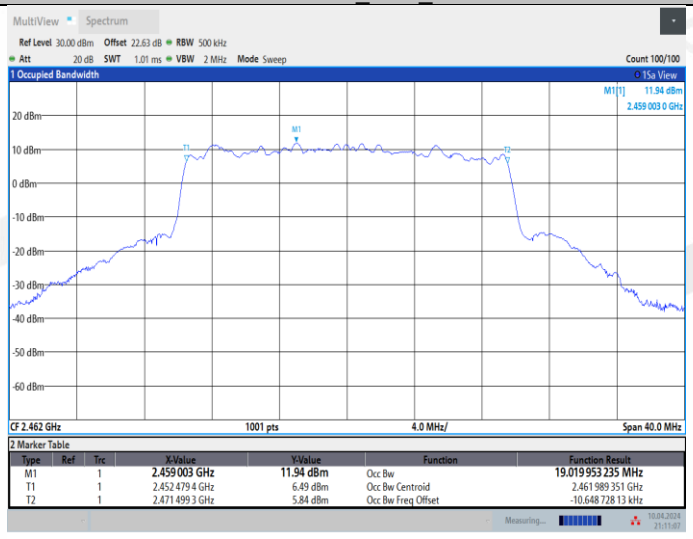

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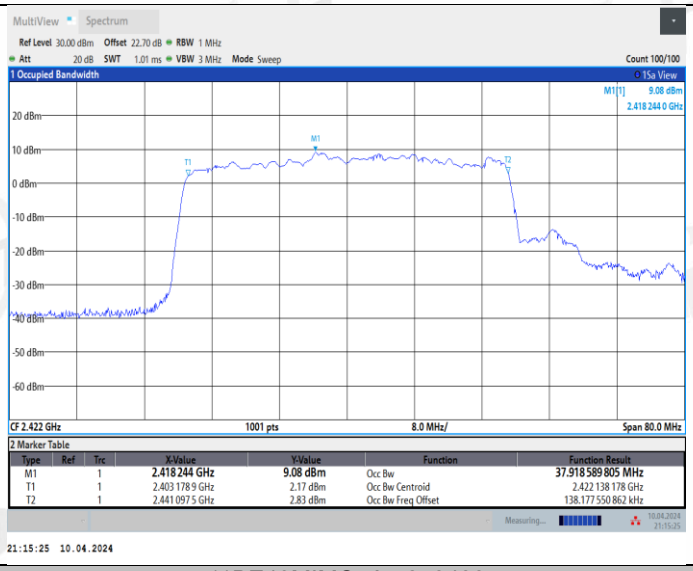

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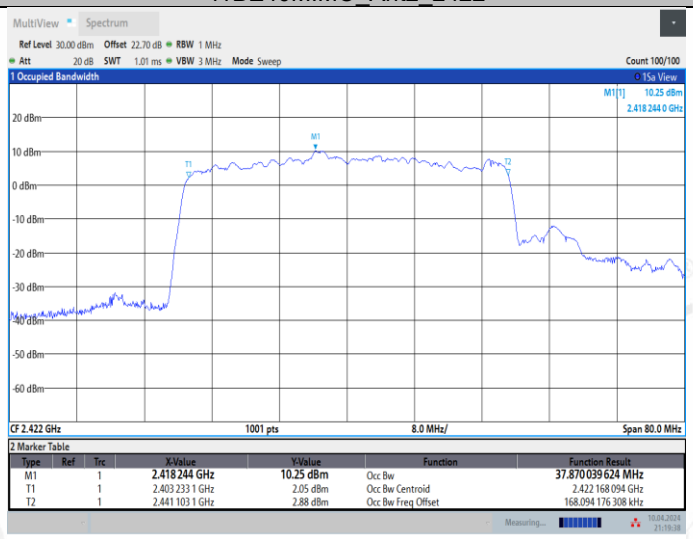
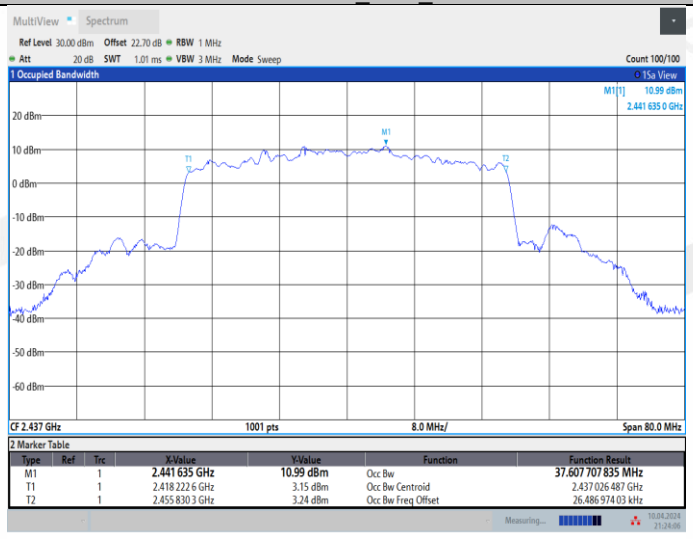
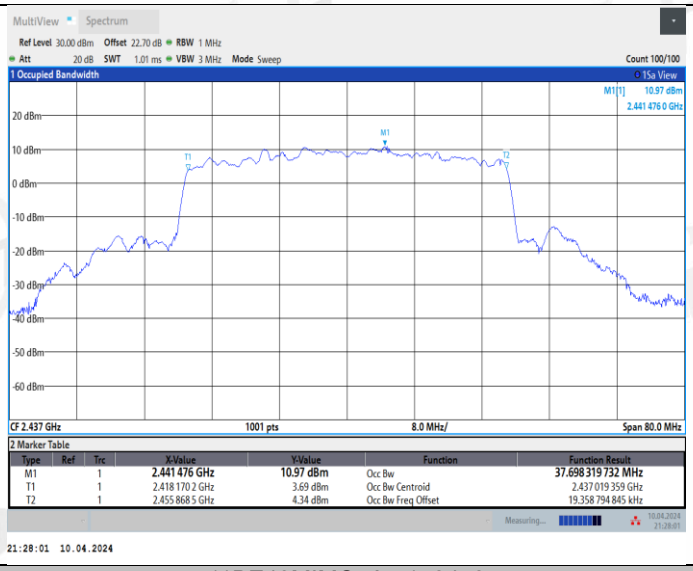


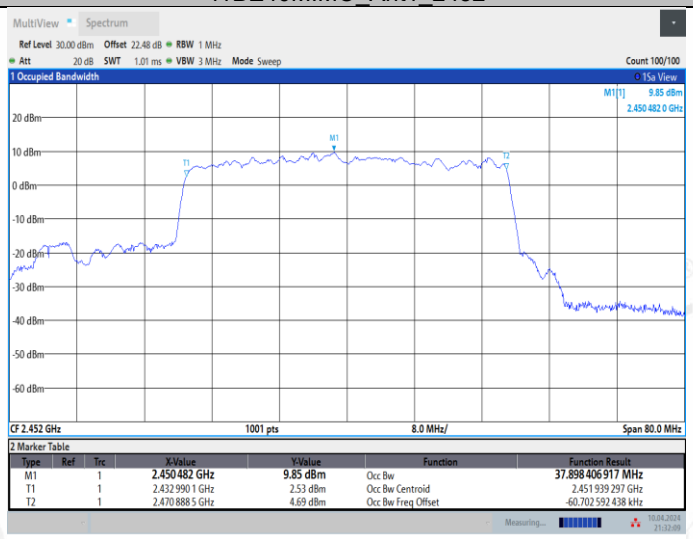
11BE40MIMO_Ant1_2437



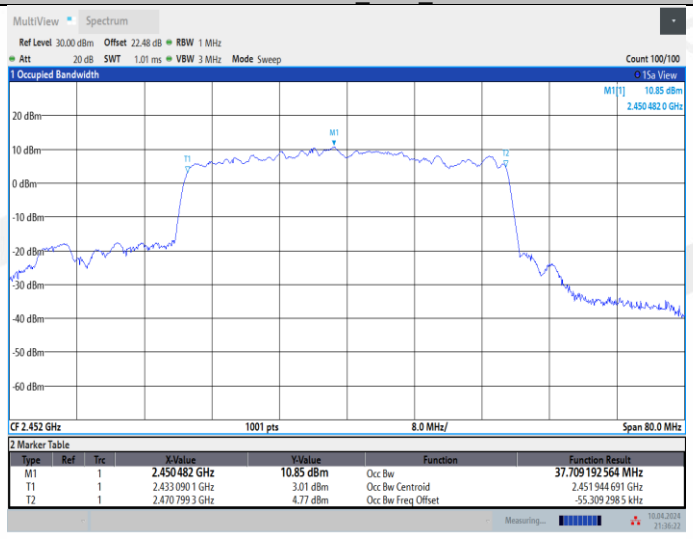
11BE40MIMO_Ant2_2437



11BE40MIMO_Ant1_2452

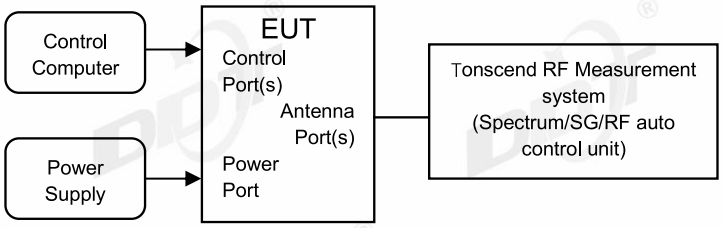


11BE40MIMO_Ant2_2452



6. Conducted Output Power

6.1. Block diagram of test setup



6.2. Limits

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

6.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 11.9.2.3.
(2) Connect EUT's antenna output to RF power meter by RF cable, the path loss was compensated to the results.
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously, If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal.
(4) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
(5) Adjust the measurement in dBm by adding [10 log (1 / D)], where D is the duty cycle.
(6) Record the RF average power of each antenna port.

6.4. Test result average

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	25.5℃,48.2%RH	Test Date:	2024.04.10~2024.04.25
Test Power Supply:	AC 120V/60Hz	Sample Number:	S24032709-002

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	18.46	99.06	0.04	18.50	≤30.00	22.49	≤36.00	PASS
	Ant2	2412	19.79	99.06	0.04	19.83	≤30.00	23.82	≤36.00	PASS
	Ant1	2437	20.31	99.05	0.04	20.35	≤30.00	24.34	≤36.00	PASS
	Ant2	2437	20.82	99.17	0.04	20.86	≤30.00	24.85	≤36.00	PASS
	Ant1	2462	20.73	99.06	0.04	20.77	≤30.00	24.76	≤36.00	PASS
	Ant2	2462	20.54	99.17	0.04	20.58	≤30.00	24.57	≤36.00	PASS
11G-CDD	Ant1	2412	14.82	96.53	0.15	14.97	≤30.00	18.96	≤36.00	PASS
	Ant2	2412	15.76	96.55	0.15	15.91	≤30.00	19.90	≤36.00	PASS
	total	2412	---	---	---	18.48	≤30.00	22.47	≤36.00	PASS
	Ant1	2437	16.41	95.89	0.18	16.59	≤30.00	20.58	≤36.00	PASS
	Ant2	2437	16.65	95.86	0.18	16.83	≤30.00	20.82	≤36.00	PASS
	total	2437	---	---	---	19.72	≤30.00	23.71	≤36.00	PASS
	Ant1	2462	16.66	95.21	0.21	16.87	≤30.00	20.86	≤36.00	PASS
	Ant2	2462	16.61	96.53	0.15	16.76	≤30.00	20.75	≤36.00	PASS
	total	2462	---	---	---	19.83	≤30.00	23.82	≤36.00	PASS
11N20 MIMO	Ant1	2412	15.01	91.89	0.37	15.38	≤30.00	19.37	≤36.00	PASS
	Ant2	2412	16.00	91.89	0.37	16.37	≤30.00	20.36	≤36.00	PASS
	total	2412	---	---	---	18.91	≤30.00	22.90	≤36.00	PASS
	Ant1	2437	16.58	91.89	0.37	16.95	≤30.00	20.94	≤36.00	PASS
	Ant2	2437	16.88	91.78	0.37	17.25	≤30.00	21.24	≤36.00	PASS
	total	2437	---	---	---	20.11	≤30.00	24.10	≤36.00	PASS
	Ant1	2462	17.01	91.89	0.37	17.38	≤30.00	21.37	≤36.00	PASS
	Ant2	2462	16.89	91.89	0.37	17.26	≤30.00	21.25	≤36.00	PASS
	total	2462	---	---	---	20.33	≤30.00	24.32	≤36.00	PASS
11N40 MIMO	Ant1	2422	13.56	85.37	0.69	14.25	≤30.00	18.24	≤36.00	PASS
	Ant2	2422	14.02	85.37	0.69	14.71	≤30.00	18.70	≤36.00	PASS
	total	2422	---	---	---	17.50	≤30.00	21.49	≤36.00	PASS
	Ant1	2437	14.34	85.37	0.69	15.03	≤30.00	19.02	≤36.00	PASS
	Ant2	2437	14.82	85.37	0.69	15.51	≤30.00	19.50	≤36.00	PASS
	total	2437	---	---	---	18.29	≤30.00	22.28	≤36.00	PASS
	Ant1	2452	14.20	85.37	0.69	14.89	≤30.00	18.88	≤36.00	PASS
	Ant2	2452	14.90	85.00	0.71	15.61	≤30.00	19.60	≤36.00	PASS
	total	2452	---	---	---	18.28	≤30.00	22.27	≤36.00	PASS
11AX20MIMO	Ant1	2412	15.81	81.58	0.88	16.69	≤30.00	20.68	≤36.00	PASS
	Ant2	2412	16.81	81.58	0.88	17.69	≤30.00	21.68	≤36.00	PASS
	total	2412	---	---	---	20.23	≤30.00	24.22	≤36.00	PASS
	Ant1	2437	17.40	83.78	0.77	18.17	≤30.00	22.16	≤36.00	PASS
	Ant2	2437	17.70	81.58	0.88	18.58	≤30.00	22.57	≤36.00	PASS
	total	2437	---	---	---	21.39	≤30.00	25.38	≤36.00	PASS
	Ant1	2462	17.81	83.78	0.77	18.58	≤30.00	22.57	≤36.00	PASS
	Ant2	2462	17.73	81.58	0.88	18.61	≤30.00	22.60	≤36.00	PASS
	total	2462	---	---	---	**21.61**	≤30.00	25.60	≤36.00	PASS
11AX40MIMO	Ant1	2422	13.76	83.78	0.77	14.53	≤30.00	18.52	≤36.00	PASS
	Ant2	2422	14.20	81.58	0.88	15.08	≤30.00	19.07	≤36.00	PASS
	total	2422	---	---	---	17.82	≤30.00	21.81	≤36.00	PASS
	Ant1	2437	14.57	83.78	0.77	15.34	≤30.00	19.33	≤36.00	PASS
	Ant2	2437	15.02	83.78	0.77	15.79	≤30.00	19.78	≤36.00	PASS
	total	2437	---	---	---	18.58	≤30.00	22.57	≤36.00	PASS
	Ant1	2452	14.38	83.78	0.77	15.15	≤30.00	19.14	≤36.00	PASS
	Ant2	2452	15.09	83.78	0.77	15.86	≤30.00	19.85	≤36.00	PASS
	total	2452	---	---	---	18.53	≤30.00	22.52	≤36.00	PASS
11BE20MIMO	Ant1	2412	13.80	84.21	0.75	14.55	≤30.00	18.54	≤36.00	PASS
	Ant2	2412	14.55	84.21	0.75	15.30	≤30.00	19.29	≤36.00	PASS
	total	2412	---	---	---	17.95	≤30.00	21.94	≤36.00	PASS

	Ant1	2437	15.42	81.58	0.88	16.30	≤30.00	20.29	≤36.00	PASS
	Ant2	2437	15.51	84.21	0.75	16.26	≤30.00	20.25	≤36.00	PASS
	total	2437	---	---	---	19.29	≤30.00	23.28	≤36.00	PASS
	Ant1	2462	15.88	84.21	0.75	16.63	≤30.00	20.62	≤36.00	PASS
	Ant2	2462	15.59	81.58	0.88	16.47	≤30.00	20.46	≤36.00	PASS
	total	2462	---	---	---	19.56	≤30.00	23.55	≤36.00	PASS
11BE40MIMO	Ant1	2422	13.71	84.21	0.75	14.46	≤30.00	18.45	≤36.00	PASS
	Ant2	2422	14.11	84.21	0.75	14.86	≤30.00	18.85	≤36.00	PASS
	total	2422	---	---	---	17.67	≤30.00	21.66	≤36.00	PASS
	Ant1	2437	14.56	84.21	0.75	15.31	≤30.00	19.30	≤36.00	PASS
	Ant2	2437	15.00	84.21	0.75	15.75	≤30.00	19.74	≤36.00	PASS
	total	2437	---	---	---	18.55	≤30.00	22.54	≤36.00	PASS
	Ant1	2452	14.39	84.21	0.75	15.14	≤30.00	19.13	≤36.00	PASS
	Ant2	2452	15.06	84.21	0.75	15.81	≤30.00	19.80	≤36.00	PASS
	total	2452	---	---	---	18.50	≤30.00	22.49	≤36.00	PASS

Test Mode	Antenna	Channel	Mru Type	Mru Index	Peak Power [dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11BE20 MIMO	Ant1	2412	52+26_OFDMA	1	9.23	≤30.00	13.22	≤36.00	PASS
				2	9.38	≤30.00	13.37	≤36.00	PASS
				3	8.44	≤30.00	12.43	≤36.00	PASS
			106+26_OFDMA	1	12.15	≤30.00	16.14	≤36.00	PASS
				2	11.45	≤30.00	15.44	≤36.00	PASS
	Ant2	2412	52+26_OFDMA	1	9.13	≤30.00	13.12	≤36.00	PASS
				2	9.72	≤30.00	13.71	≤36.00	PASS
				3	9.43	≤30.00	13.42	≤36.00	PASS
			106+26_OFDMA	1	12.51	≤30.00	16.50	≤36.00	PASS
				2	12.59	≤30.00	16.58	≤36.00	PASS
	total	2412	52+26_OFDMA	1	12.19	≤30.00	16.18	≤36.00	PASS
				2	12.56	≤30.00	16.55	≤36.00	PASS
				3	11.97	≤30.00	15.96	≤36.00	PASS
			106+26_OFDMA	1	15.34	≤30.00	19.33	≤36.00	PASS
				2	15.07	≤30.00	19.06	≤36.00	PASS
	Ant1	2437	52+26_OFDMA	1	10.46	≤30.00	14.45	≤36.00	PASS
				2	10.93	≤30.00	14.92	≤36.00	PASS
				3	10.47	≤30.00	14.46	≤36.00	PASS
			106+26_OFDMA	1	13.39	≤30.00	17.38	≤36.00	PASS
				2	13.43	≤30.00	17.42	≤36.00	PASS
	Ant2	2437	52+26_OFDMA	1	10.35	≤30.00	14.34	≤36.00	PASS
				2	10.60	≤30.00	14.59	≤36.00	PASS
				3	10.50	≤30.00	14.49	≤36.00	PASS
			106+26_OFDMA	1	13.36	≤30.00	17.35	≤36.00	PASS
				2	13.57	≤30.00	17.56	≤36.00	PASS
	total	2437	52+26_OFDMA	1	13.42	≤30.00	17.41	≤36.00	PASS
				2	13.78	≤30.00	17.77	≤36.00	PASS
				3	13.50	≤30.00	17.49	≤36.00	PASS
			106+26_OFDMA	1	16.39	≤30.00	20.38	≤36.00	PASS
				2	16.51	≤30.00	20.50	≤36.00	PASS
	Ant1	2462	52+26_OFDMA	1	10.88	≤30.00	14.87	≤36.00	PASS
				2	11.23	≤30.00	15.22	≤36.00	PASS
				3	11.19	≤30.00	15.18	≤36.00	PASS
			106+26_OFDMA	1	13.71	≤30.00	17.70	≤36.00	PASS
				2	14.04	≤30.00	18.03	≤36.00	PASS
	Ant2	2462	52+26_OFDMA	1	10.76	≤30.00	14.75	≤36.00	PASS
				2	10.92	≤30.00	14.91	≤36.00	PASS
				3	10.13	≤30.00	14.12	≤36.00	PASS
			106+26_OFDMA	1	13.77	≤30.00	17.76	≤36.00	PASS
				2	13.22	≤30.00	17.21	≤36.00	PASS
	total	2462	52+26_OFDMA	1	13.83	≤30.00	17.82	≤36.00	PASS
				2	14.09	≤30.00	18.08	≤36.00	PASS
				3	13.70	≤30.00	17.69	≤36.00	PASS
			106+26_OFDMA	1	16.75	≤30.00	20.74	≤36.00	PASS

				2	16.66	≤30.00	20.65	≤36.00	PASS
11BE40 MIMO	Ant1	2422	106+26_OFDMA	3	8.90	≤30.00	12.89	≤36.00	PASS
				4	8.83	≤30.00	12.82	≤36.00	PASS
	Ant2	2422	106+26_OFDMA	3	9.16	≤30.00	13.15	≤36.00	PASS
				4	8.68	≤30.00	12.67	≤36.00	PASS
	total	2422	106+26_OFDMA	3	12.04	≤30.00	16.03	≤36.00	PASS
				4	11.77	≤30.00	15.76	≤36.00	PASS
	Ant1	2437	106+26_OFDMA	3	10.20	≤30.00	14.19	≤36.00	PASS
				4	8.62	≤30.00	12.61	≤36.00	PASS
	Ant2	2437	106+26_OFDMA	3	10.41	≤30.00	14.40	≤36.00	PASS
				4	9.75	≤30.00	13.74	≤36.00	PASS
	total	2437	106+26_OFDMA	3	13.32	≤30.00	17.31	≤36.00	PASS
				4	12.23	≤30.00	16.22	≤36.00	PASS
	Ant1	2452	106+26_OFDMA	3	8.87	≤30.00	12.86	≤36.00	PASS
				4	8.55	≤30.00	12.54	≤36.00	PASS
	Ant2	2452	106+26_OFDMA	3	10.58	≤30.00	14.57	≤36.00	PASS
				4	9.28	≤30.00	13.27	≤36.00	PASS
	total	2452	106+26_OFDMA	3	12.82	≤30.00	16.81	≤36.00	PASS
				4	11.94	≤30.00	15.93	≤36.00	PASS

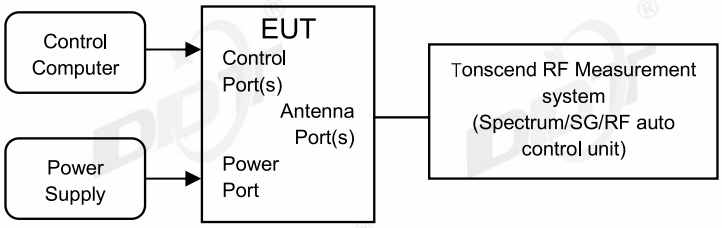
Note:

1. EIRP (dBm)=Conducted Output Power (dBm)+ Antenna Gain (dBi)

2. Total EIRP= Total conducted power + directional gain

7. Power Spectral Density

7.1. Block diagram of test setup



7.2. Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.3. Test procedure

(1) The test according to ANSI C63.10-2013 clause 11.10.5.
(2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
(3) Set the EUT as maximum power setting and enable the EUT transmit continuously.
(4) Use the following spectrum analyzer settings for Power Spectral Density measurement:

Center frequency	DTS Channel center frequency
RBW:	3 kHz ≤ RBW ≤ 100 kHz
VBW:	≥ 3RBW
Span	1.5 times the DTS bandwidth
Detector Mode:	RMS
Sweep time:	auto
Trace mode	max hold
	Employ trace averaging (rms)
Trace	mode over a minimum of 100
	traces.

(5) Add [10 log (1 / D)], where D is the duty cycle measured in step a), to the measured PSD to compute the average PSD during the actual transmission time.
If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

7.4. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	25.5℃,48.2%RH	Test Date:	2024.04.10~2024.05.22
Test Power Supply:	AC 120V/60Hz	Sample Number:	S24032709-002

Test Mode	Antenna	Frequency [MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.64	≤8.00	PASS
	Ant2	2412	-10.33	≤8.00	PASS
	Ant1	2437	-8.96	≤8.00	PASS
	Ant2	2437	-9.32	≤8.00	PASS
	Ant1	2462	-9.45	≤8.00	PASS
	Ant2	2462	-9.61	≤8.00	PASS
11G-CDD	Ant1	2412	-18.73	≤8.00	PASS
	Ant2	2412	-17.84	≤8.00	PASS
	total	2412	-15.25	≤7.00	PASS
	Ant1	2437	-17.03	≤8.00	PASS
	Ant2	2437	-16.83	≤8.00	PASS
	total	2437	-13.92	≤7.00	PASS
	Ant1	2462	-16.81	≤8.00	PASS
	Ant2	2462	-16.63	≤8.00	PASS
	total	2462	-13.71	≤7.00	PASS
11N20MIMO	Ant1	2412	-16.39	≤8.00	PASS
	Ant2	2412	-16.47	≤8.00	PASS
	total	2412	-13.42	≤7.00	PASS
	Ant1	2437	-16.08	≤8.00	PASS
	Ant2	2437	-15.31	≤8.00	PASS
	total	2437	-12.67	≤7.00	PASS
	Ant1	2462	-15.75	≤8.00	PASS
	Ant2	2462	-15.45	≤8.00	PASS
	total	2462	-12.59	≤7.00	PASS
11N40MIMO	Ant1	2422	-19.47	≤8.00	PASS
	Ant2	2422	-18.95	≤8.00	PASS
	total	2422	-16.19	≤7.00	PASS
	Ant1	2437	-18.50	≤8.00	PASS
	Ant2	2437	-18.20	≤8.00	PASS
	total	2437	-15.34	≤7.00	PASS
	Ant1	2452	-19.39	≤8.00	PASS
	Ant2	2452	-18.77	≤8.00	PASS
	total	2452	-16.06	≤7.00	PASS
11AX20MIMO	Ant1	2412	-12.98	≤8.00	PASS
	Ant2	2412	-14.13	≤8.00	PASS
	total	2412	-10.51	≤7.00	PASS
	Ant1	2437	-11.87	≤8.00	PASS
	Ant2	2437	-13.06	≤8.00	PASS
	total	2437	-9.41	≤7.00	PASS
	Ant1	2462	-12.05	≤8.00	PASS
	Ant2	2462	-12.77	≤8.00	PASS
	total	2462	-9.38	≤7.00	PASS
11AX40MIMO	Ant1	2422	-19.77	≤8.00	PASS
	Ant2	2422	-19.72	≤8.00	PASS
	total	2422	-16.73	≤7.00	PASS
	Ant1	2437	-18.66	≤8.00	PASS
	Ant2	2437	-19.12	≤8.00	PASS
	total	2437	-15.87	≤7.00	PASS
	Ant1	2452	-19.53	≤8.00	PASS
	Ant2	2452	-18.89	≤8.00	PASS
	total	2452	-16.19	≤7.00	PASS
11BE20MIMO	Ant1	2412	-13.32	≤8.00	PASS
	Ant2	2412	-13.05	≤8.00	PASS
	total	2412	-10.17	≤7.00	PASS
	Ant1	2437	-11.01	≤8.00	PASS

	Ant2	2437	-12.72	≤8.00	PASS
	total	2437	-8.77	≤7.00	PASS
	Ant1	2462	-11.98	≤8.00	PASS
	Ant2	2462	-12.61	≤8.00	PASS
	total	2462	-9.27	≤7.00	PASS
11BE40MIMO	Ant1	2422	-16.76	≤8.00	PASS
	Ant2	2422	-17.20	≤8.00	PASS
	total	2422	-13.96	≤7.00	PASS
	Ant1	2437	-16.45	≤8.00	PASS
	Ant2	2437	-15.97	≤8.00	PASS
	total	2437	-13.19	≤7.00	PASS
	Ant1	2452	-15.15	≤8.00	PASS
	Ant2	2452	-13.82	≤8.00	PASS
	total	2452	-11.42	≤7.00	PASS

TestMode	Antenna	Channel	Mru Type	Mru Index	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11BE20MIMO	Ant1	2412	52+26_OFDMA	1	-15.19	≤8.00	PASS
				2	-18.00	≤8.00	PASS
				3	-18.45	≤8.00	PASS
			106+26_OFDMA	1	-16.24	≤8.00	PASS
				2	-17.19	≤8.00	PASS
	Ant2	2412	52+26_OFDMA	1	-15.38	≤8.00	PASS
				2	-17.24	≤8.00	PASS
				3	-17.28	≤8.00	PASS
			106+26_OFDMA	1	-16.24	≤8.00	PASS
				2	-15.91	≤8.00	PASS
	total	2412	52+26_OFDMA	1	-12.27	≤7.00	PASS
				2	-14.59	≤7.00	PASS
				3	-14.82	≤7.00	PASS
			106+26_OFDMA	1	-13.23	≤7.00	PASS
				2	-13.49	≤7.00	PASS
	Ant1	2437	52+26_OFDMA	1	-14.47	≤8.00	PASS
				2	-16.03	≤8.00	PASS
				3	-15.70	≤8.00	PASS
			106+26_OFDMA	1	-14.60	≤8.00	PASS
				2	-15.17	≤8.00	PASS
	Ant2	2437	52+26_OFDMA	1	-15.55	≤8.00	PASS
				2	-15.92	≤8.00	PASS
				3	-16.12	≤8.00	PASS
			106+26_OFDMA	1	-15.12	≤8.00	PASS
				2	-15.05	≤8.00	PASS
	total	2437	52+26_OFDMA	1	-11.97	≤7.00	PASS
				2	-12.96	≤7.00	PASS
				3	-12.89	≤7.00	PASS
			106+26_OFDMA	1	-11.84	≤7.00	PASS
				2	-12.10	≤7.00	PASS
	Ant1	2462	52+26_OFDMA	1	-15.07	≤8.00	PASS
				2	-15.97	≤8.00	PASS
				3	-15.62	≤8.00	PASS
			106+26_OFDMA	1	-15.05	≤8.00	PASS
				2	-15.42	≤8.00	PASS
	Ant2	2462	52+26_OFDMA	1	-14.98	≤8.00	PASS
				2	-15.95	≤8.00	PASS
				3	-16.40	≤8.00	PASS
			106+26_OFDMA	1	-15.23	≤8.00	PASS
				2	-15.15	≤8.00	PASS
	total	2462	52+26_OFDMA	1	-12.01	≤7.00	PASS
				2	-12.95	≤7.00	PASS
				3	-12.98	≤7.00	PASS
			106+26_OFDMA	1	-12.13	≤7.00	PASS
				2	-12.27	≤7.00	PASS
11BE40MIMO	Ant1	2422	106+26_OFDMA	3	-20.00	≤8.00	PASS
				4	-19.79	≤8.00	PASS

	Ant2	2422	106+26_OFDMA	3	-19.41	≤8.00	PASS
				4	-20.31	≤8.00	PASS
	total	2422	106+26_OFDMA	3	-16.68	≤7.00	PASS
				4	-17.03	≤7.00	PASS
	Ant1	2437	106+26_OFDMA	3	-17.74	≤8.00	PASS
				4	-19.86	≤8.00	PASS
	Ant2	2437	106+26_OFDMA	3	-17.96	≤8.00	PASS
				4	-19.73	≤8.00	PASS
	total	2437	106+26_OFDMA	3	-14.84	≤7.00	PASS
				4	-16.78	≤7.00	PASS
	Ant1	2452	106+26_OFDMA	3	-19.85	≤8.00	PASS
				4	-21.76	≤8.00	PASS
	Ant2	2452	106+26_OFDMA	3	-18.33	≤8.00	PASS
				4	-20.28	≤8.00	PASS
	total	2452	106+26_OFDMA	3	-16.01	≤7.00	PASS
				4	-17.95	≤7.00	PASS

Note：The Duty Cycle Factor is compensated in the graph.