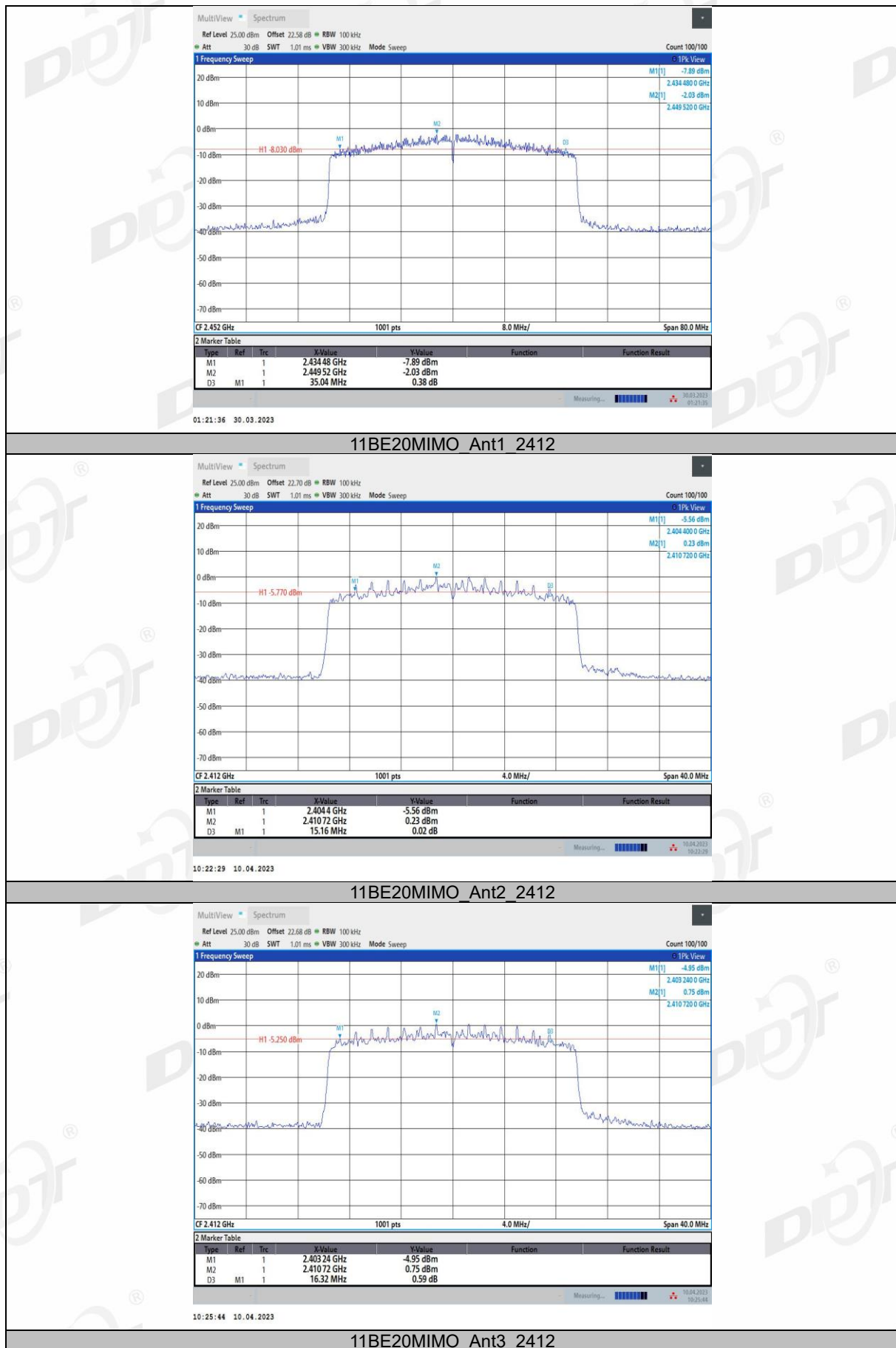
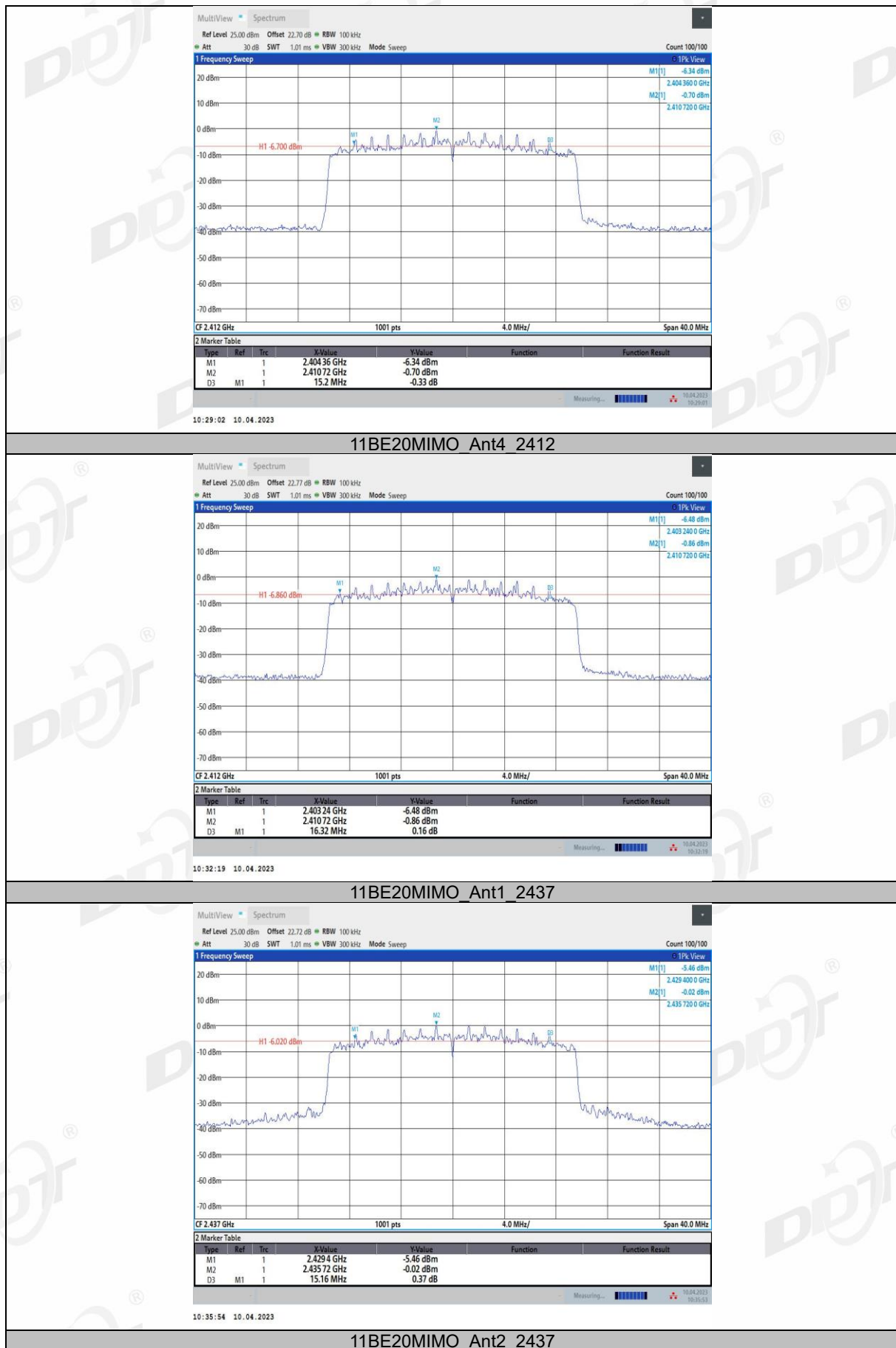








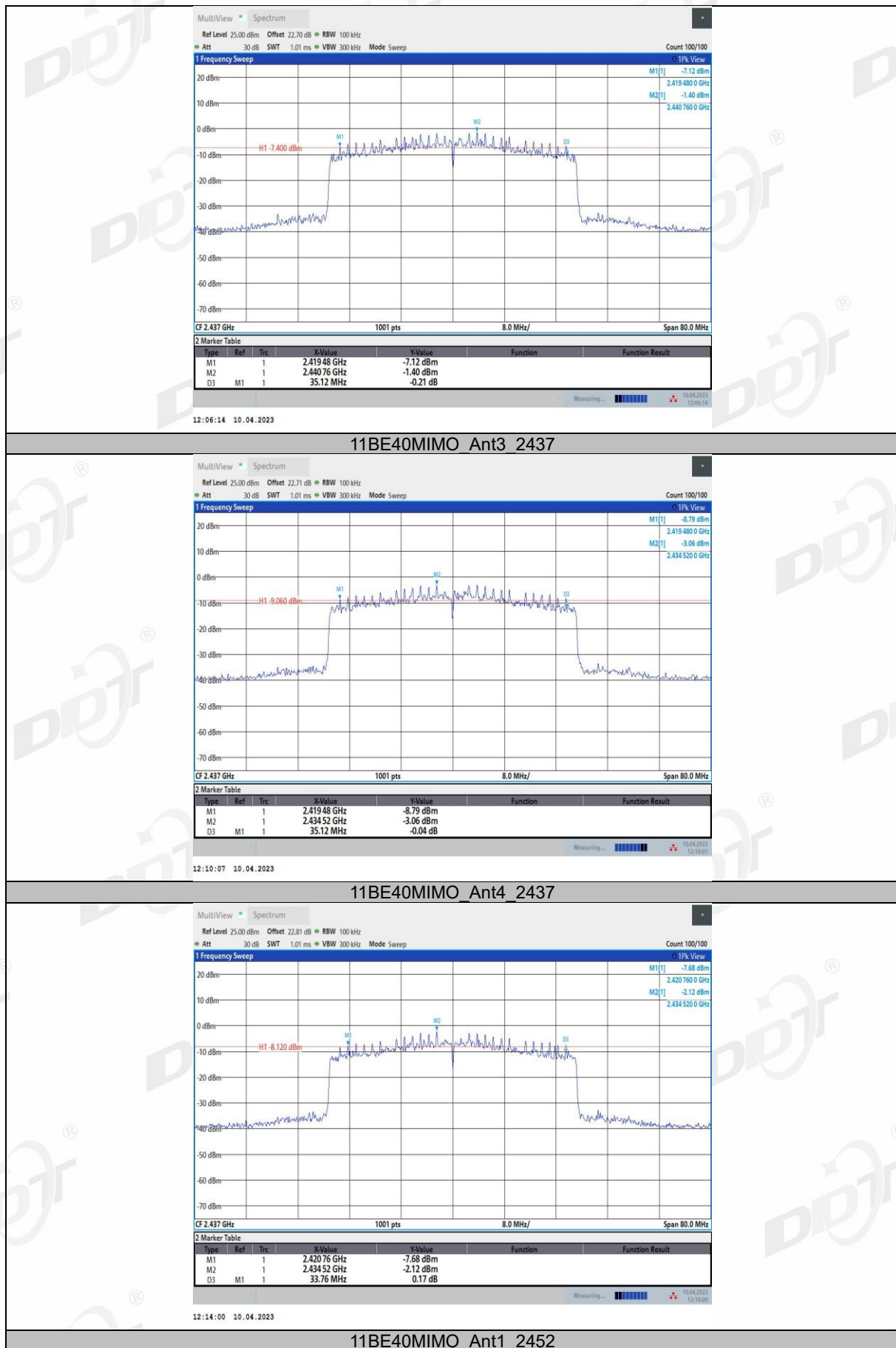




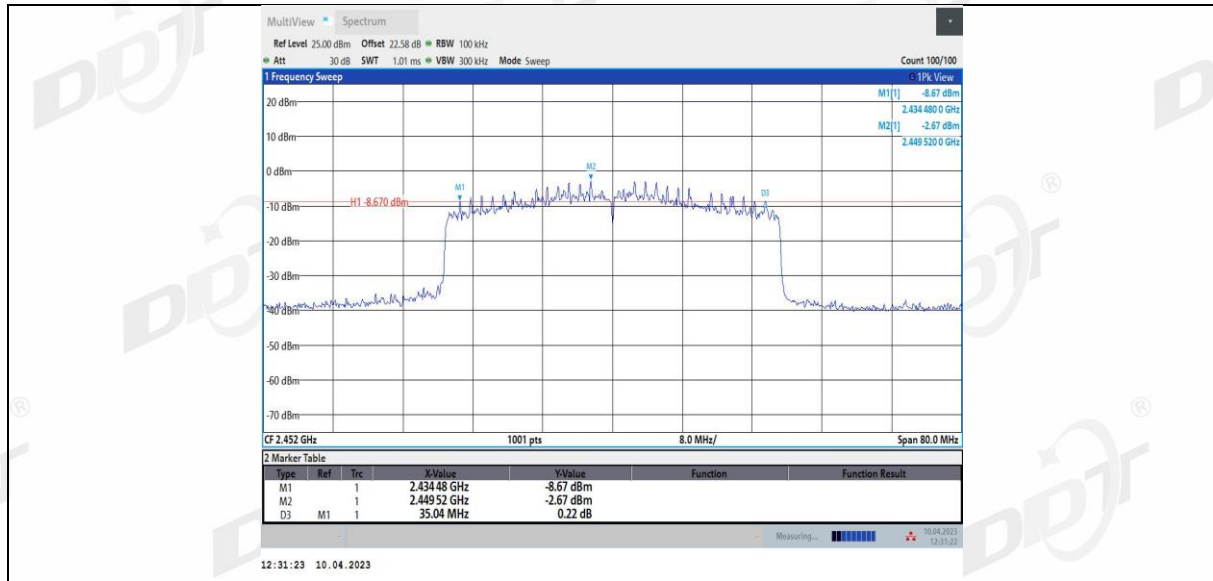






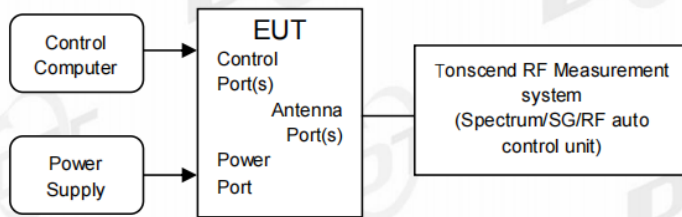






5. 99% Bandwidth

5.1. Block diagram of test setup



5.2. Limits

Just for Report.

5.3. Test procedure

- (5) The test according to ANSI C63.10-2013 clause 6.9.3.
- (6) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results
- (7) Set the EUT as maximum power setting and enable the EUT transmit continuously
- (8) 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 Mode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.601	2405.6871	2418.2880	---	---
	Ant2	2412	12.609	2405.6859	2418.2945	---	---
	Ant3	2412	12.637	2405.6685	2418.3054	---	---
	Ant4	2412	12.602	2405.6923	2418.2946	---	---
	Ant1	2437	12.593	2430.7012	2443.2942	---	---
	Ant2	2437	12.609	2430.7005	2443.3094	---	---
	Ant3	2437	12.614	2430.6966	2443.3107	---	---
	Ant4	2437	12.594	2430.7089	2443.3030	---	---
	Ant1	2462	12.587	2455.6915	2468.2781	---	---
	Ant2	2462	12.606	2455.6791	2468.2855	---	---
	Ant3	2462	12.615	2455.6791	2468.2944	---	---
	Ant4	2462	12.602	2455.6822	2468.2841	---	---
11G-CDD	Ant1	2412	16.454	2403.7523	2420.2066	---	---
	Ant2	2412	16.476	2403.7449	2420.2211	---	---
	Ant3	2412	16.483	2403.7407	2420.2232	---	---
	Ant4	2412	16.471	2403.7495	2420.2203	---	---
	Ant1	2437	16.493	2428.7445	2445.2377	---	---
	Ant2	2437	16.476	2428.7598	2445.2353	---	---
	Ant3	2437	16.471	2428.7505	2445.2217	---	---
	Ant4	2437	16.475	2428.7548	2445.2296	---	---
	Ant1	2462	16.452	2453.7478	2470.2001	---	---
	Ant2	2462	16.461	2453.7507	2470.2118	---	---
	Ant3	2462	16.463	2453.7526	2470.2158	---	---
	Ant4	2462	16.48	2453.7416	2470.2211	---	---
11N20MIMO	Ant1	2412	17.442	2403.2599	2420.7022	---	---
	Ant2	2412	17.41	2403.2793	2420.6896	---	---
	Ant3	2412	17.435	2403.2608	2420.6960	---	---
	Ant4	2412	17.43	2403.2612	2420.6910	---	---
	Ant1	2437	17.453	2428.2587	2445.7115	---	---
	Ant2	2437	17.414	2428.2895	2445.7033	---	---
	Ant3	2437	17.456	2428.2725	2445.7288	---	---
	Ant4	2437	17.447	2428.2598	2445.7063	---	---
	Ant1	2462	17.434	2453.2686	2470.7026	---	---
	Ant2	2462	17.391	2453.2941	2470.6856	---	---
	Ant3	2462	17.45	2453.2525	2470.7025	---	---
	Ant4	2462	17.431	2453.2738	2470.7051	---	---
11N40MIMO	Ant1	2422	35.65	2404.1566	2439.8069	---	---
	Ant2	2422	35.653	2404.1871	2439.8404	---	---
	Ant3	2422	35.635	2404.1767	2439.8119	---	---
	Ant4	2422	35.63	2404.1615	2439.7916	---	---
	Ant1	2437	35.653	2419.1655	2454.8187	---	---
	Ant2	2437	35.586	2419.2106	2454.7963	---	---
	Ant3	2437	35.643	2419.1740	2454.8166	---	---
	Ant4	2437	35.656	2419.1426	2454.7982	---	---
	Ant1	2452	35.622	2434.1641	2469.7861	---	---
	Ant2	2452	35.59	2434.1858	2469.7758	---	---
	Ant3	2452	35.6	2434.1849	2469.7850	---	---
	Ant4	2452	35.616	2434.1762	2469.7919	---	---
11AX20MIMO	Ant1	2412	18.765	2402.6136	2421.3788	---	---
	Ant2	2412	18.762	2402.6017	2421.3636	---	---
	Ant3	2412	18.746	2402.6033	2421.3496	---	---
	Ant4	2412	18.768	2402.5997	2421.3676	---	---
	Ant1	2437	18.754	2427.6042	2446.3586	---	---
	Ant2	2437	18.732	2427.6401	2446.3719	---	---
	Ant3	2437	18.757	2427.6120	2446.3689	---	---
	Ant4	2437	18.747	2427.6039	2446.3509	---	---
	Ant1	2462	18.74	2452.6229	2471.3624	---	---
	Ant2	2462	18.752	2452.6166	2471.3685	---	---
	Ant3	2462	18.734	2452.6191	2471.3533	---	---

	Ant4	2462	18.749	2452.6199	2471.3690	---	---
11AX40MIMO	Ant1	2422	37.402	2403.2645	2440.6669	---	---
	Ant2	2422	37.445	2403.2477	2440.6929	---	---
	Ant3	2422	37.449	2403.2615	2440.7108	---	---
	Ant4	2422	37.429	2403.2407	2440.6699	---	---
	Ant1	2437	37.404	2418.2987	2455.7027	---	---
	Ant2	2437	37.407	2418.3185	2455.7254	---	---
	Ant3	2437	37.386	2418.3250	2455.7105	---	---
	Ant4	2437	37.456	2418.2544	2455.7100	---	---
	Ant1	2452	37.397	2433.2628	2470.6600	---	---
	Ant2	2452	37.351	2433.3021	2470.6527	---	---
	Ant3	2452	37.438	2433.2568	2470.6951	---	---
	Ant4	2452	37.408	2433.2408	2470.6492	---	---
11BE20MIMO	Ant1	2412	18.664	2402.6740	2421.3385	---	---
	Ant2	2412	18.696	2402.6750	2421.3710	---	---
	Ant3	2412	18.837	2402.5783	2421.4155	---	---
	Ant4	2412	18.807	2402.5643	2421.3717	---	---
	Ant1	2437	18.84	2427.6085	2446.4485	---	---
	Ant2	2437	18.729	2427.6452	2446.3744	---	---
	Ant3	2437	18.754	2427.6406	2446.3945	---	---
	Ant4	2437	18.804	2427.6065	2446.4107	---	---
	Ant1	2462	18.735	2452.6108	2471.3458	---	---
	Ant2	2462	18.824	2452.5673	2471.3909	---	---
	Ant3	2462	18.754	2452.6019	2471.3556	---	---
	Ant4	2462	18.72	2452.5474	2471.2675	---	---
11BE40MIMO	Ant1	2422	37.371	2403.3546	2440.7261	---	---
	Ant2	2422	37.325	2403.2219	2440.5473	---	---
	Ant3	2422	37.385	2403.2888	2440.6739	---	---
	Ant4	2422	37.344	2403.4092	2440.7535	---	---
	Ant1	2437	37.527	2418.3403	2455.8673	---	---
	Ant2	2437	37.346	2418.4292	2455.7754	---	---
	Ant3	2437	37.288	2418.2508	2455.5391	---	---
	Ant4	2437	37.566	2418.2184	2455.7846	---	---
	Ant1	2452	37.437	2433.2443	2470.6810	---	---
	Ant2	2452	37.203	2433.4141	2470.6169	---	---
	Ant3	2452	37.256	2433.2934	2470.5498	---	---
	Ant4	2452	37.241	2433.3745	2470.6158	---	---

5.5. Test graphs









