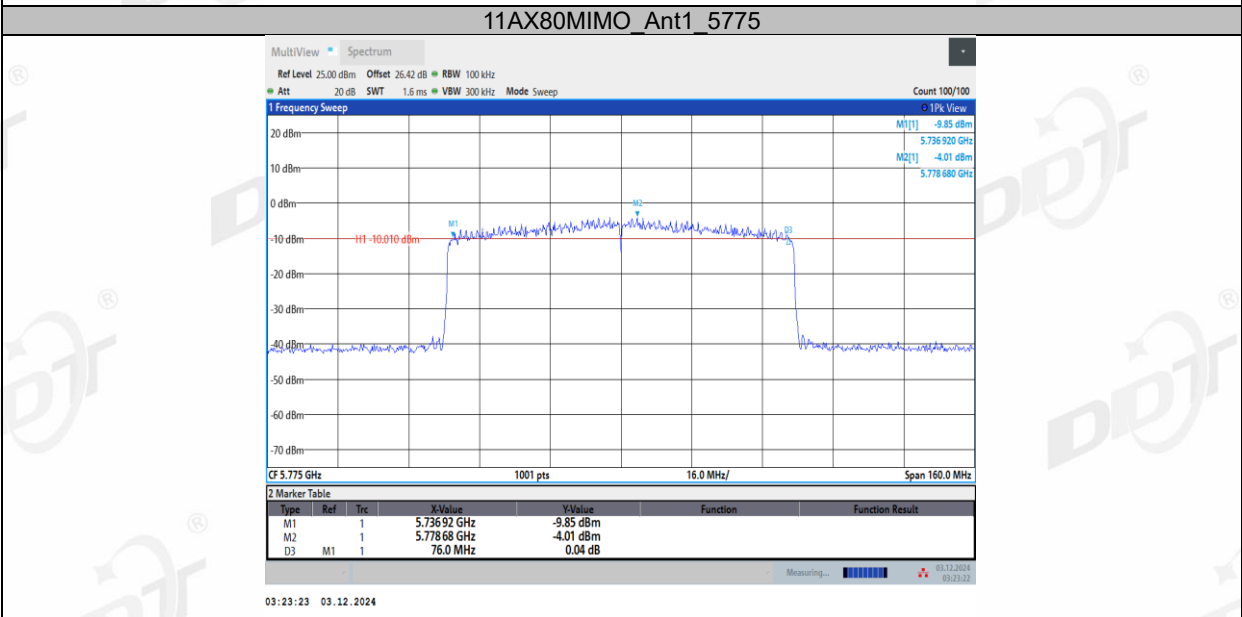
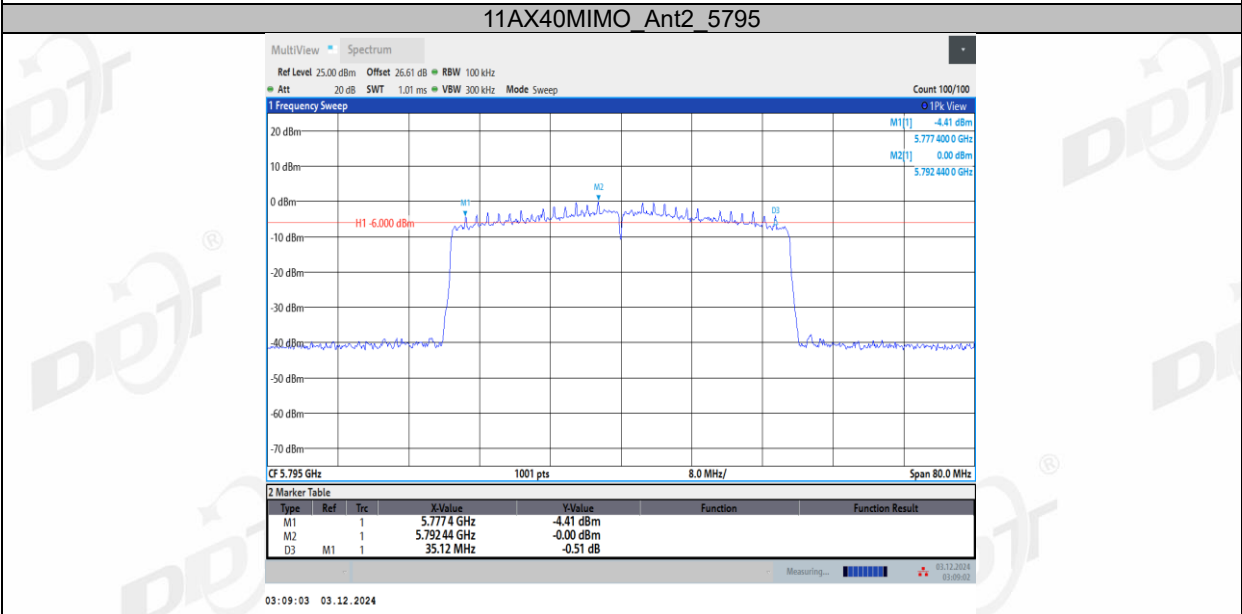
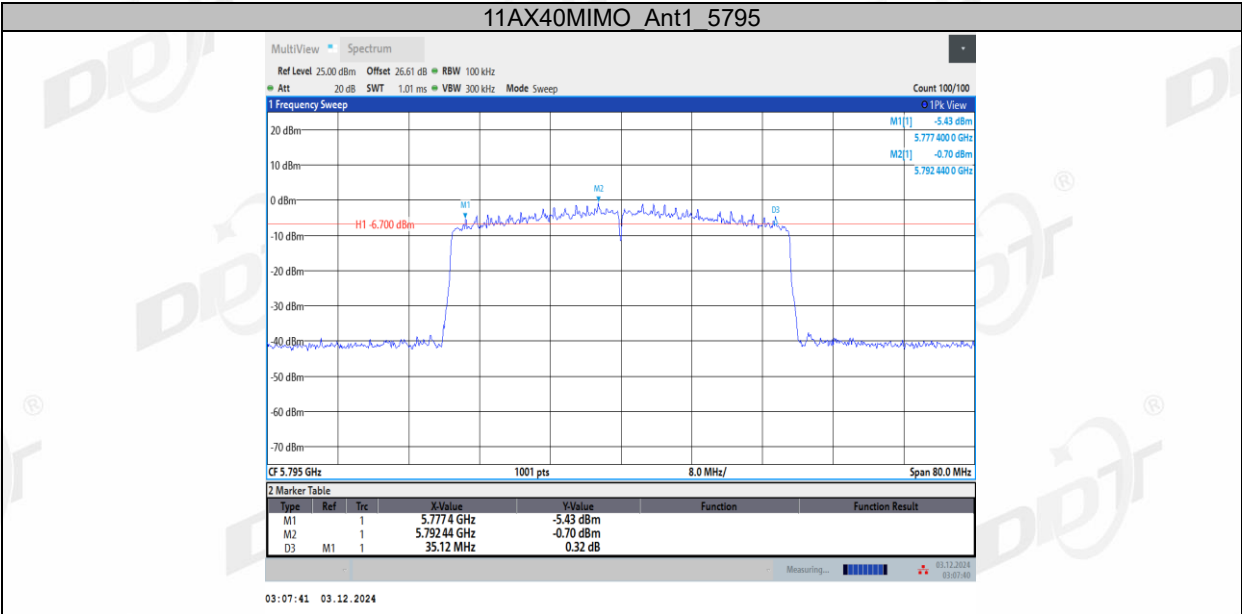
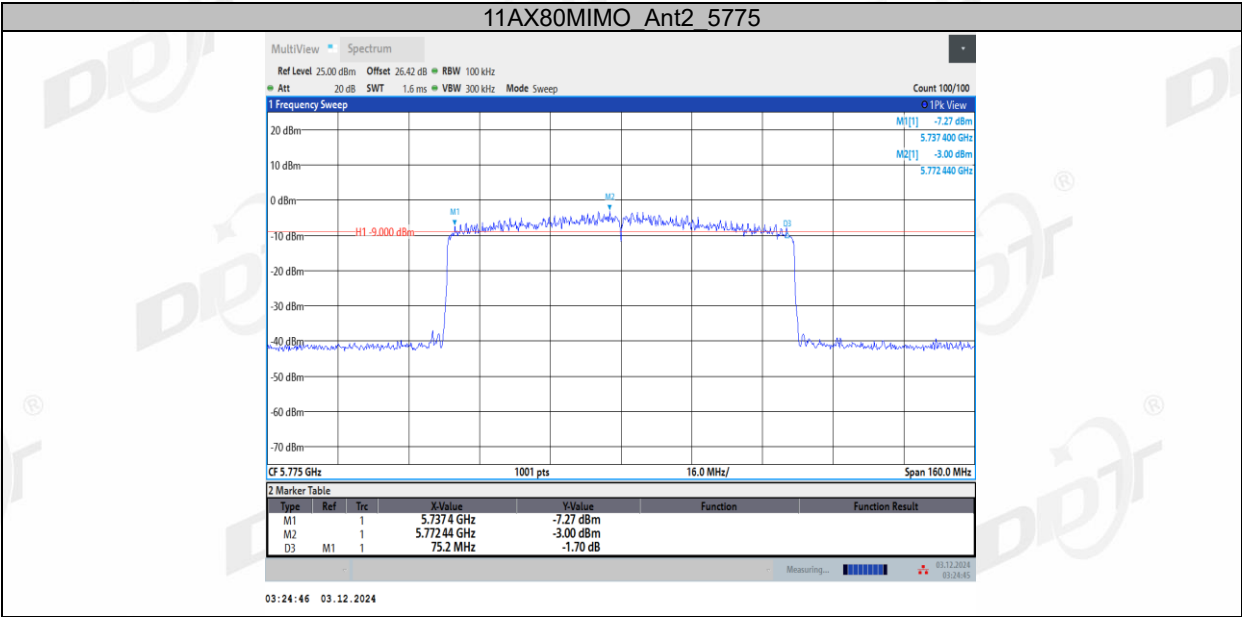
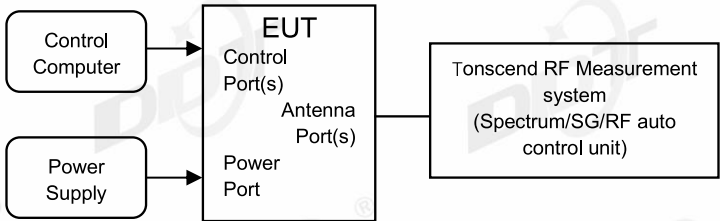






6. 99% Bandwidth

6.1. Block diagram of test setup



6.2. Limits

Just for Report.

6.3. Test procedure

- (1) Connect EUT’s antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Trace	Max hold

- (2) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

6.4. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	25.4℃, 49.1%RH	Test Date:	2024.11.26-2024.12.04
Test Power Supply:	AC 230V/50Hz	Sample Number:	S24111416-005

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	19.273	5170.2107	5189.4838	---	---
	Ant2	5180	19.223	5170.2558	5189.4785	---	---
	Ant1	5200	19.287	5190.3073	5209.5947	---	---
	Ant2	5200	19.223	5190.3113	5209.5346	---	---
	Ant1	5240	17.196	5231.3154	5248.5116	---	---
	Ant2	5240	17.188	5231.2889	5248.4767	---	---
	Ant1	5260	19.158	5250.3411	5269.4989	---	---
	Ant2	5260	19.202	5250.2984	5269.5002	---	---
	Ant1	5280	19.222	5270.2422	5289.4645	---	---
	Ant2	5280	19.192	5270.2464	5289.4385	---	---
	Ant1	5320	19.206	5310.1957	5329.4017	---	---
	Ant2	5320	19.239	5310.1953	5329.4342	---	---
	Ant1	5500	19.220	5490.3574	5509.5771	---	---
	Ant2	5500	19.195	5490.3597	5509.5542	---	---
	Ant1	5580	19.209	5570.2294	5589.4386	---	---
	Ant2	5580	19.263	5570.2373	5589.5002	---	---
	Ant1	5700	19.280	5690.2086	5709.4883	---	---
	Ant2	5700	19.279	5690.2199	5709.4992	---	---
	Ant1	5720	19.243	5710.3159	5729.5593	---	---
	Ant2	5720	19.169	5710.3176	5729.4867	---	---
	Ant1	5720_UNII-2C	14.684	5710.3159	5725	---	---
	Ant2	5720_UNII-2C	14.682	5710.3176	5725	---	---
	Ant1	5720_UNII-3	4.559	5725	5729.5593	---	---
	Ant2	5720_UNII-3	4.487	5725	5729.4867	---	---
	Ant1	5745	19.036	5735.3452	5754.3808	---	---
	Ant2	5745	19.045	5735.2813	5754.3262	---	---
	Ant1	5785	19.174	5775.3351	5794.5087	---	---
	Ant2	5785	19.086	5775.2890	5794.3751	---	---
	Ant1	5825	19.218	5815.2636	5834.4816	---	---
	Ant2	5825	19.208	5815.2312	5834.4394	---	---
11N20MIMO	Ant1	5180	20.133	5169.9301	5190.0627	---	---
	Ant2	5180	18.592	5170.4860	5189.0782	---	---
	Ant1	5200	20.12	5189.9670	5210.0867	---	---

	Ant2	5200	18.565	5190.5875	5209.1527	---	---
	Ant1	5240	17.971	5230.9244	5248.8952	---	---
	Ant2	5240	17.735	5231.0153	5248.7501	---	---
	Ant1	5260	20.159	5249.9038	5270.0633	---	---
	Ant2	5260	18.58	5250.5487	5269.1292	---	---
	Ant1	5280	20.151	5269.8544	5290.0053	---	---
	Ant2	5280	18.526	5270.5630	5289.0895	---	---
	Ant1	5320	20.016	5309.8605	5329.8762	---	---
	Ant2	5320	18.57	5310.5018	5329.0715	---	---
	Ant1	5500	20.074	5490.0462	5510.1201	---	---
	Ant2	5500	18.569	5490.5333	5509.1018	---	---
	Ant1	5580	20.155	5569.8706	5590.0252	---	---
	Ant2	5580	18.629	5570.4803	5589.1093	---	---
	Ant1	5700	20.182	5689.7789	5709.9613	---	---
	Ant2	5700	18.6	5690.5124	5709.1121	---	---
	Ant1	5720	20.163	5709.9228	5730.0855	---	---
	Ant2	5720	18.554	5710.5637	5729.1175	---	---
	Ant1	5720_UNII-2C	15.077	5709.9228	5725	---	---
	Ant2	5720_UNII-2C	14.436	5710.5637	5725	---	---
	Ant1	5720_UNII-3	5.086	5725	5730.0855	---	---
	Ant2	5720_UNII-3	4.118	5725	5729.1175	---	---
	Ant1	5745	20.025	5734.9116	5754.9369	---	---
	Ant2	5745	18.549	5735.5463	5754.0948	---	---
	Ant1	5785	20.048	5774.9541	5795.0022	---	---
	Ant2	5785	18.582	5775.5113	5794.0931	---	---
	Ant1	5825	20.131	5814.8429	5834.9738	---	---
	Ant2	5825	18.625	5815.4486	5834.0741	---	---
11N40MIMO	Ant1	5190	35.974	5171.9773	5207.9516	---	---
	Ant2	5190	36.099	5171.8875	5207.9868	---	---
	Ant1	5230	35.993	5211.9206	5247.9136	---	---
	Ant2	5230	36.013	5211.8830	5247.8961	---	---
	Ant1	5270	35.921	5251.9705	5287.8918	---	---
	Ant2	5270	36.027	5251.9244	5287.9516	---	---
	Ant1	5310	35.956	5291.9188	5327.8746	---	---
	Ant2	5310	36.047	5291.8530	5327.8998	---	---
	Ant1	5510	35.923	5492.0081	5527.9311	---	---
	Ant2	5510	36.031	5491.9143	5527.9455	---	---
	Ant1	5550	35.953	5531.9197	5567.8731	---	---
	Ant2	5550	35.981	5531.9008	5567.8816	---	---

	Ant1	5670	35.913	5651.9800	5687.8927	---	---
	Ant2	5670	36.045	5651.9428	5687.9878	---	---
	Ant1	5710	36.065	5691.9049	5727.9701	---	---
	Ant2	5710	36.066	5691.8868	5727.9530	---	---
	Ant1	5710_UNII-2C	33.095	5691.9049	5725	---	---
	Ant2	5710_UNII-2C	33.113	5691.8868	5725	---	---
	Ant1	5710_UNII-3	2.97	5725	5727.9701	---	---
	Ant2	5710_UNII-3	2.953	5725	5727.9530	---	---
	Ant1	5755	35.924	5736.9380	5772.8616	---	---
	Ant2	5755	35.993	5736.8889	5772.8821	---	---
	Ant1	5795	35.911	5776.9796	5812.8903	---	---
	Ant2	5795	36.021	5776.8727	5812.8936	---	---
11AC20MIMO	Ant1	5180	19.836	5170.1115	5189.9476	---	---
	Ant2	5180	18.325	5170.7887	5189.1134	---	---
	Ant1	5200	19.828	5190.1086	5209.9361	---	---
	Ant2	5200	18.321	5190.8569	5209.1782	---	---
	Ant1	5240	17.954	5230.9265	5248.8809	---	---
	Ant2	5240	17.611	5231.0901	5248.7012	---	---
	Ant1	5260	19.672	5250.1087	5269.7811	---	---
	Ant2	5260	18.201	5250.8769	5269.0774	---	---
	Ant1	5280	19.754	5270.0128	5289.7670	---	---
	Ant2	5280	18.183	5270.8750	5289.0578	---	---
	Ant1	5320	19.769	5310.0300	5329.7992	---	---
	Ant2	5320	18.274	5310.7913	5329.0648	---	---
	Ant1	5500	19.756	5490.1346	5509.8904	---	---
	Ant2	5500	18.296	5490.8356	5509.1317	---	---
	Ant1	5580	19.831	5569.9969	5589.8282	---	---
	Ant2	5580	18.24	5570.8148	5589.0552	---	---
	Ant1	5700	19.934	5689.9266	5709.8603	---	---
	Ant2	5700	18.302	5690.8141	5709.1166	---	---
	Ant1	5720	19.79	5710.0991	5729.8894	---	---
	Ant2	5720	18.209	5710.8697	5729.0782	---	---
	Ant1	5720_UNII-2C	14.901	5710.0991	5725	---	---
	Ant2	5720_UNII-2C	14.13	5710.8697	5725	---	---
	Ant1	5720_UNII-3	4.889	5725	5729.8894	---	---
	Ant2	5720_UNII-3	4.078	5725	5729.0782	---	---
	Ant1	5745	19.669	5735.0795	5754.7487	---	---
	Ant2	5745	18.176	5735.8716	5754.0480	---	---
	Ant1	5785	19.755	5775.0949	5794.8504	---	---

	Ant2	5785	18.194	5775.8494	5794.0432	---	---
	Ant1	5825	19.797	5814.9918	5834.7890	---	---
	Ant2	5825	18.215	5815.8193	5834.0342	---	---
11AC40MIMO	Ant1	5190	35.869	5172.0171	5207.8863	---	---
	Ant2	5190	36.184	5171.8563	5208.0404	---	---
	Ant1	5230	35.835	5211.9997	5247.8343	---	---
	Ant2	5230	36.058	5211.8726	5247.9308	---	---
	Ant1	5270	35.847	5251.9923	5287.8395	---	---
	Ant2	5270	36.107	5251.9039	5288.0111	---	---
	Ant1	5310	35.869	5291.9841	5327.8533	---	---
	Ant2	5310	36.112	5291.8307	5327.9432	---	---
	Ant1	5510	35.863	5492.0182	5527.8816	---	---
	Ant2	5510	36.146	5491.8938	5528.0402	---	---
	Ant1	5550	35.808	5532.0008	5567.8086	---	---
	Ant2	5550	36.072	5531.9035	5567.9753	---	---
	Ant1	5670	35.815	5652.0056	5687.8210	---	---
	Ant2	5670	36.145	5651.9368	5688.0817	---	---
	Ant1	5710	35.887	5691.9680	5727.8552	---	---
	Ant2	5710	36.157	5691.8496	5728.0070	---	---
	Ant1	5710_UNII-2C	33.032	5691.9680	5725	---	---
	Ant2	5710_UNII-2C	33.15	5691.8496	5725	---	---
	Ant1	5710_UNII-3	2.855	5725	5727.8552	---	---
	Ant2	5710_UNII-3	3.007	5725	5728.0070	---	---
	Ant1	5755	35.883	5736.9507	5772.8335	---	---
	Ant2	5755	36.062	5736.8807	5772.9430	---	---
	Ant1	5795	35.838	5776.9892	5812.8270	---	---
	Ant2	5795	36.121	5776.8443	5812.9656	---	---
11AC80MIMO	Ant1	5210	75.104	5172.4500	5247.5537	---	---
	Ant2	5210	74.935	5172.5234	5247.4586	---	---
	Ant1	5290	75.213	5252.3036	5327.5165	---	---
	Ant2	5290	74.866	5252.4911	5327.3572	---	---
	Ant1	5530	75.043	5492.4866	5567.5296	---	---
	Ant2	5530	74.957	5492.5228	5567.4799	---	---
	Ant1	5610	75.124	5572.3980	5647.5217	---	---
	Ant2	5610	74.856	5572.5349	5647.3909	---	---
	Ant1	5690	75.29	5652.3002	5727.5903	---	---
	Ant2	5690	74.825	5652.6605	5727.4851	---	---
	Ant1	5690_UNII-2C	72.7	5652.3002	5725	---	---
	Ant2	5690_UNII-2C	72.34	5652.6605	5725	---	---

	Ant1	5690_UNII-3	2.59	5725	5727.5903	---	---
	Ant2	5690_UNII-3	2.485	5725	5727.4851	---	---
	Ant1	5775	75.328	5737.1762	5812.5040	---	---
	Ant2	5775	75.008	5737.3164	5812.3243	---	---
11AX20MIMO	Ant1	5180	19.422	5170.2451	5189.6668	---	---
	Ant2	5180	19.313	5170.2338	5189.5472	---	---
	Ant1	5200	19.396	5190.2675	5209.6633	---	---
	Ant2	5200	19.329	5190.2593	5209.5883	---	---
	Ant1	5240	18.91	5230.4485	5249.3582	---	---
	Ant2	5240	18.915	5230.4439	5249.3585	---	---
	Ant1	5260	19.342	5250.2685	5269.6109	---	---
	Ant2	5260	19.284	5250.2891	5269.5732	---	---
	Ant1	5280	19.378	5270.2287	5289.6063	---	---
	Ant2	5280	19.294	5270.2509	5289.5454	---	---
	Ant1	5320	19.38	5310.2202	5329.6000	---	---
	Ant2	5320	19.339	5310.2343	5329.5731	---	---
	Ant1	5500	19.374	5490.2471	5509.6208	---	---
	Ant2	5500	19.306	5490.2531	5509.5588	---	---
	Ant1	5580	19.453	5570.1583	5589.6113	---	---
	Ant2	5580	19.293	5570.2640	5589.5566	---	---
	Ant1	5700	19.362	5690.2201	5709.5819	---	---
	Ant2	5700	19.292	5690.2505	5709.5423	---	---
	Ant1	5720	19.367	5710.2273	5729.5946	---	---
	Ant2	5720	19.277	5710.2648	5729.5419	---	---
	Ant1	5720_UNII-2C	14.773	5710.2273	5725	---	---
	Ant2	5720_UNII-2C	14.735	5710.2648	5725	---	---
	Ant1	5720_UNII-3	4.595	5725	5729.5946	---	---
	Ant2	5720_UNII-3	4.542	5725	5729.5419	---	---
	Ant1	5745	19.306	5735.2549	5754.5605	---	---
	Ant2	5745	19.279	5735.2556	5754.5347	---	---
	Ant1	5785	19.4	5775.2264	5794.6265	---	---
	Ant2	5785	19.294	5775.2471	5794.5410	---	---
	Ant1	5825	19.407	5815.2055	5834.6130	---	---
	Ant2	5825	19.331	5815.2065	5834.5375	---	---
11AX40MIMO	Ant1	5190	37.622	5171.1049	5208.7274	---	---
	Ant2	5190	37.642	5171.1219	5208.7644	---	---
	Ant1	5230	37.588	5211.1148	5248.7032	---	---
	Ant2	5230	37.562	5211.1428	5248.7049	---	---
	Ant1	5270	37.528	5251.1524	5288.6805	---	---

	Ant2	5270	37.565	5251.1999	5288.7653	---	---
	Ant1	5310	37.606	5291.1044	5328.7100	---	---
	Ant2	5310	37.671	5291.0445	5328.7156	---	---
	Ant1	5510	37.609	5491.1489	5528.7584	---	---
	Ant2	5510	37.625	5491.1225	5528.7470	---	---
	Ant1	5550	37.566	5531.1548	5568.7213	---	---
	Ant2	5550	37.625	5531.1039	5568.7293	---	---
	Ant1	5670	37.571	5651.1320	5688.7028	---	---
	Ant2	5670	37.586	5651.1837	5688.7694	---	---
	Ant1	5710	37.641	5691.0842	5728.7256	---	---
	Ant2	5710	37.639	5691.0891	5728.7276	---	---
	Ant1	5710_UNII-2C	33.916	5691.0842	5725	---	---
	Ant2	5710_UNII-2C	33.911	5691.0891	5725	---	---
	Ant1	5710_UNII-3	3.726	5725	5728.7256	---	---
	Ant2	5710_UNII-3	3.728	5725	5728.7276	---	---
	Ant1	5755	37.659	5736.0486	5773.7075	---	---
	Ant2	5755	37.563	5736.1053	5773.6680	---	---
	Ant1	5795	37.648	5776.0598	5813.7077	---	---
	Ant2	5795	37.607	5776.1265	5813.7333	---	---
11AX80MIMO	Ant1	5210	76.915	5171.5380	5248.4535	---	---
	Ant2	5210	77.114	5171.3761	5248.4899	---	---
	Ant1	5290	76.978	5251.4933	5328.4709	---	---
	Ant2	5290	76.94	5251.4283	5328.3687	---	---
	Ant1	5530	77.04	5491.4791	5568.5186	---	---
	Ant2	5530	77.39	5491.2964	5568.6865	---	---
	Ant1	5610	77.02	5571.4624	5648.4822	---	---
	Ant2	5610	77.19	5571.3338	5648.5243	---	---
	Ant1	5690	77.069	5651.4445	5728.5138	---	---
	Ant2	5690	76.969	5651.5463	5728.5154	---	---
	Ant1	5690_UNII-2C	73.556	5651.4445	5725	---	---
	Ant2	5690_UNII-2C	73.454	5651.5463	5725	---	---
	Ant1	5690_UNII-3	3.514	5725	5728.5138	---	---
	Ant2	5690_UNII-3	3.515	5725	5728.5154	---	---
	Ant1	5775	77.025	5736.4377	5813.4631	---	---
	Ant2	5775	77.035	5736.2449	5813.2796	---	---

6.5. Test graphs

