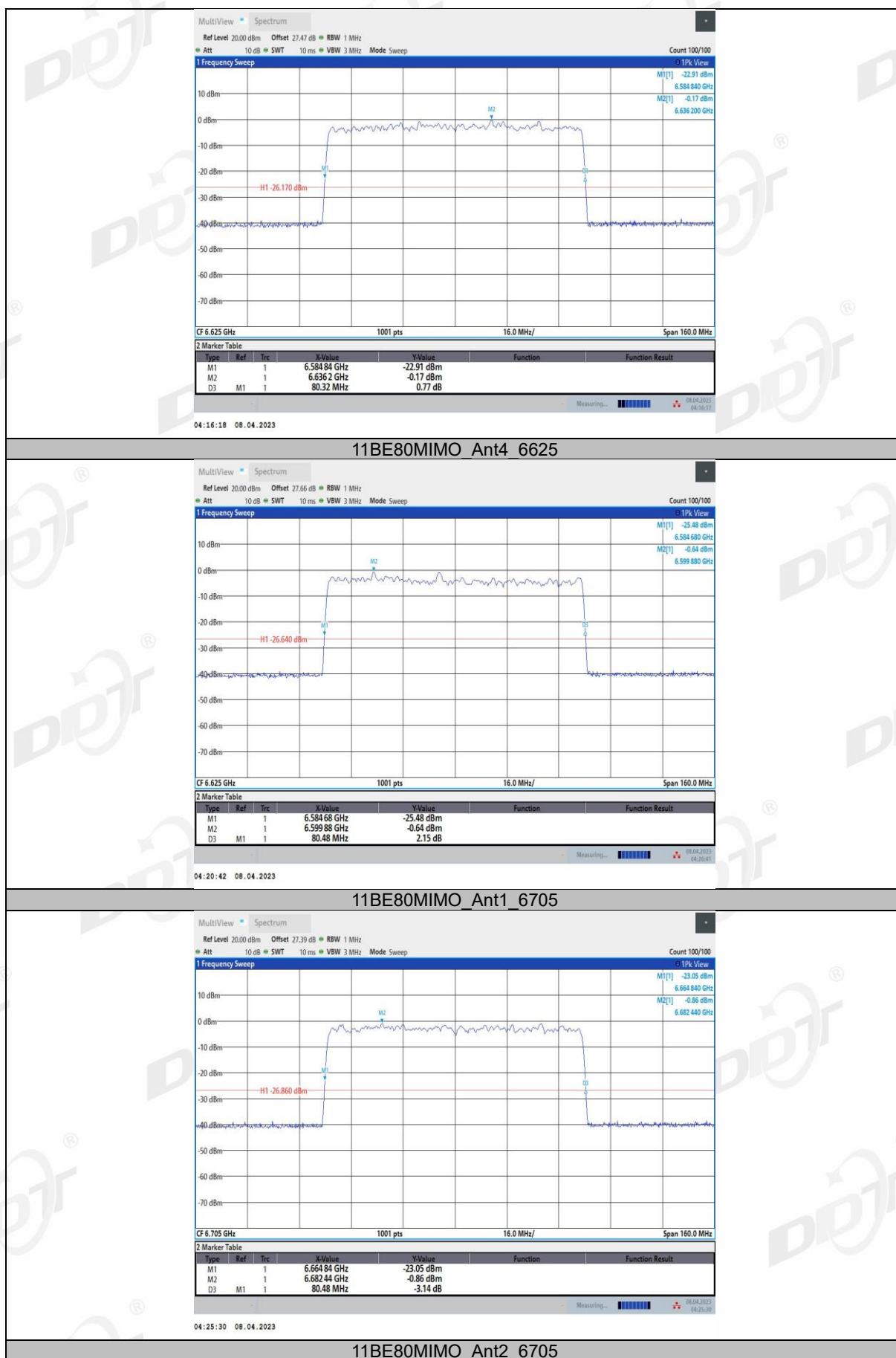








































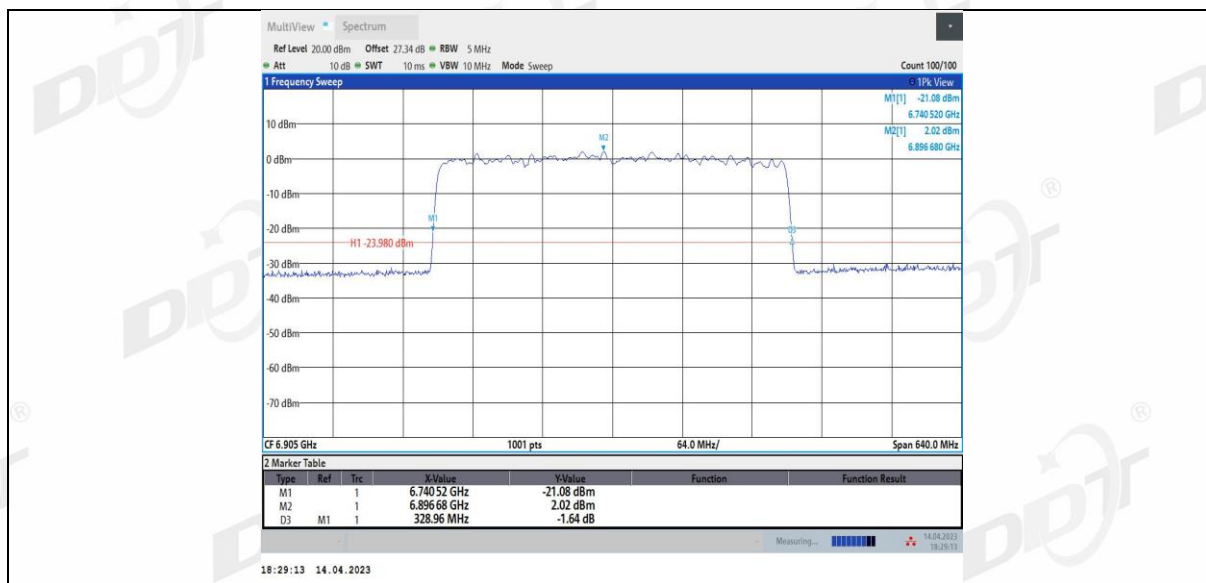






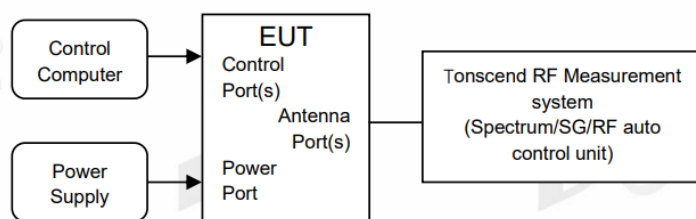






5. 99% Bandwidth

5.1. Block diagram of test setup



5.2. Limits

The occupied bandwidth of an RLAN device shall not exceed 320 MHz.

5.3. 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.

5.4. Test result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AX20MIMO	Ant1	5955	18.933	5945.5335	5964.4668	≤320	PASS
	Ant2	5955	18.905	5945.5471	5964.4524	≤320	PASS
	Ant3	5955	18.93	5945.5424	5964.4728	≤320	PASS
	Ant4	5955	18.93	5945.5227	5964.4526	≤320	PASS
	Ant1	6175	18.936	6165.5109	6184.4473	≤320	PASS
	Ant2	6175	18.941	6165.5147	6184.4561	≤320	PASS
	Ant3	6175	18.932	6165.5169	6184.4485	≤320	PASS
	Ant4	6175	18.942	6165.5143	6184.4566	≤320	PASS
	Ant1	6415	18.943	6405.5028	6424.4455	≤320	PASS
	Ant2	6415	18.932	6405.5133	6424.4452	≤320	PASS
	Ant3	6415	18.933	6405.5181	6424.4514	≤320	PASS
	Ant4	6415	18.951	6405.4968	6424.4483	≤320	PASS
	Ant1	6435	18.944	6425.5098	6444.4543	≤320	PASS
	Ant2	6435	18.926	6425.5209	6444.4470	≤320	PASS
	Ant3	6435	18.961	6425.4983	6444.4592	≤320	PASS
	Ant4	6435	18.932	6425.4911	6444.4229	≤320	PASS
	Ant1	6475	18.954	6465.4973	6484.4514	≤320	PASS
	Ant2	6475	18.926	6465.5217	6484.4478	≤320	PASS
	Ant3	6475	18.963	6465.5142	6484.4773	≤320	PASS
	Ant4	6475	18.931	6465.5024	6484.4329	≤320	PASS
	Ant1	6515	18.924	6505.5185	6524.4421	≤320	PASS
	Ant2	6515	18.918	6505.5198	6524.4376	≤320	PASS
	Ant3	6515	18.926	6505.5136	6524.4398	≤320	PASS
	Ant4	6515	18.928	6505.5402	6524.4677	≤320	PASS
	Ant1	6535	18.94	6525.5148	6544.4552	≤320	PASS
	Ant2	6535	18.91	6525.5256	6544.4351	≤320	PASS
	Ant3	6535	18.908	6525.5349	6544.4433	≤320	PASS
	Ant4	6535	18.945	6525.5012	6544.4457	≤320	PASS
	Ant1	6695	18.983	6685.4882	6704.4708	≤320	PASS
	Ant2	6695	18.932	6685.5331	6704.4653	≤320	PASS
	Ant3	6695	18.943	6685.4955	6704.4388	≤320	PASS
	Ant4	6695	18.976	6685.4805	6704.4567	≤320	PASS
	Ant1	6855	18.938	6845.5259	6864.4635	≤320	PASS
	Ant2	6855	18.956	6845.4889	6864.4452	≤320	PASS
	Ant3	6855	18.945	6845.4941	6864.4389	≤320	PASS
	Ant4	6855	18.939	6845.4951	6864.4339	≤320	PASS
	Ant1	6875	18.936	6865.5066	6884.4422	≤320	PASS
	Ant2	6875	18.949	6865.5045	6884.4534	≤320	PASS
	Ant3	6875	18.96	6865.4972	6884.4568	≤320	PASS
	Ant4	6875	18.931	6865.5359	6884.4665	≤320	PASS
	Ant1	6895	18.932	6885.5074	6904.4391	≤320	PASS
	Ant2	6895	18.934	6885.5267	6904.4610	≤320	PASS
	Ant3	6895	18.893	6885.5416	6904.4345	≤320	PASS
	Ant4	6895	18.934	6885.4949	6904.4292	≤320	PASS
	Ant1	6995	18.926	6985.5257	7004.4516	≤320	PASS
	Ant2	6995	18.944	6985.4990	7004.4433	≤320	PASS
	Ant3	6995	18.928	6985.5115	7004.4392	≤320	PASS
	Ant4	6995	18.98	6985.4756	7004.4561	≤320	PASS
	Ant1	7115	19.071	7105.4414	7124.5120	≤320	PASS
	Ant2	7115	19.098	7105.4332	7124.5307	≤320	PASS
	Ant3	7115	19.071	7105.4469	7124.5184	≤320	PASS
	Ant4	7115	19.071	7105.4487	7124.5197	≤320	PASS
11AX40MIMO	Ant1	5965	37.839	5946.0748	5983.9135	≤320	PASS
	Ant2	5965	37.802	5946.0805	5983.8822	≤320	PASS
	Ant3	5965	37.747	5946.1123	5983.8596	≤320	PASS
	Ant4	5965	37.704	5946.1366	5983.8404	≤320	PASS
	Ant1	6165	37.918	6146.0601	6183.9784	≤320	PASS
	Ant2	6165	37.869	6146.0619	6183.9314	≤320	PASS
	Ant3	6165	38.06	6145.9998	6184.0599	≤320	PASS
	Ant4	6165	38.009	6145.9874	6183.9965	≤320	PASS

	Ant1	6405	37.945	6385.9924	6423.9375	≤320	PASS
	Ant2	6405	37.857	6386.0402	6423.8972	≤320	PASS
	Ant3	6405	38.04	6385.9596	6423.9999	≤320	PASS
	Ant4	6405	38.002	6385.9532	6423.9554	≤320	PASS
	Ant1	6445	37.946	6425.9714	6463.9173	≤320	PASS
	Ant2	6445	38.014	6425.9797	6463.9936	≤320	PASS
	Ant3	6445	38.034	6425.9441	6463.9780	≤320	PASS
	Ant4	6445	38.013	6425.9844	6463.9976	≤320	PASS
	Ant1	6485	38.015	6465.9650	6503.9795	≤320	PASS
	Ant2	6485	37.839	6466.0609	6503.8995	≤320	PASS
	Ant3	6485	37.804	6466.1157	6503.9198	≤320	PASS
	Ant4	6485	37.875	6466.0866	6503.9612	≤320	PASS
	Ant1	6525	37.93	6506.0276	6543.9578	≤320	PASS
	Ant2	6525	37.977	6505.9667	6543.9434	≤320	PASS
	Ant3	6525	38.066	6505.9548	6544.0212	≤320	PASS
	Ant4	6525	38.008	6506.0068	6544.0150	≤320	PASS
	Ant1	6565	37.936	6546.0583	6583.9940	≤320	PASS
	Ant2	6565	37.933	6546.0178	6583.9509	≤320	PASS
	Ant3	6565	37.792	6546.0750	6583.8672	≤320	PASS
	Ant4	6565	37.862	6546.0623	6583.9242	≤320	PASS
	Ant1	6685	37.98	6665.9542	6703.9340	≤320	PASS
	Ant2	6685	37.935	6666.0308	6703.9661	≤320	PASS
	Ant3	6685	37.78	6666.0774	6703.8575	≤320	PASS
	Ant4	6685	37.836	6666.0433	6703.8795	≤320	PASS
	Ant1	6845	37.97	6825.9865	6863.9568	≤320	PASS
	Ant2	6845	37.885	6826.0194	6863.9046	≤320	PASS
	Ant3	6845	38.022	6825.9580	6863.9801	≤320	PASS
	Ant4	6845	38.052	6825.9934	6864.0455	≤320	PASS
	Ant1	6885	38.044	6865.9715	6904.0159	≤320	PASS
	Ant2	6885	38.013	6865.9478	6903.9604	≤320	PASS
	Ant3	6885	37.848	6866.0533	6903.9010	≤320	PASS
	Ant4	6885	37.772	6866.0945	6903.8664	≤320	PASS
	Ant1	6925	37.994	6905.9951	6943.9894	≤320	PASS
	Ant2	6925	38.025	6905.9987	6944.0241	≤320	PASS
	Ant3	6925	37.796	6906.0965	6943.8925	≤320	PASS
	Ant4	6925	37.837	6906.0549	6943.8918	≤320	PASS
	Ant1	6965	37.966	6946.0231	6983.9889	≤320	PASS
	Ant2	6965	37.867	6946.0120	6983.8791	≤320	PASS
	Ant3	6965	37.759	6946.1131	6983.8725	≤320	PASS
	Ant4	6965	37.862	6946.0773	6983.9395	≤320	PASS
	Ant1	7085	37.985	7065.9890	7103.9742	≤320	PASS
	Ant2	7085	38.023	7065.9400	7103.9633	≤320	PASS
	Ant3	7085	37.78	7066.1126	7103.8922	≤320	PASS
	Ant4	7085	37.826	7066.0792	7103.9048	≤320	PASS
11AX80MIMO	Ant1	5985	77.812	5946.1097	6023.9212	≤320	PASS
	Ant2	5985	77.963	5946.0220	6023.9853	≤320	PASS
	Ant3	5985	77.544	5946.2243	6023.7686	≤320	PASS
	Ant4	5985	77.813	5946.1032	6023.9166	≤320	PASS
	Ant1	6145	77.911	6106.0051	6183.9157	≤320	PASS
	Ant2	6145	77.946	6105.9559	6183.9015	≤320	PASS
	Ant3	6145	77.686	6106.0224	6183.7084	≤320	PASS
	Ant4	6145	77.681	6106.1482	6183.8288	≤320	PASS
	Ant1	6385	77.798	6346.0831	6423.8807	≤320	PASS
	Ant2	6385	77.751	6346.1637	6423.9147	≤320	PASS
	Ant3	6385	77.807	6346.1177	6423.9247	≤320	PASS
	Ant4	6385	77.785	6346.1087	6423.8942	≤320	PASS
	Ant1	6465	77.934	6425.8545	6503.7888	≤320	PASS
	Ant2	6465	77.874	6426.0677	6503.9413	≤320	PASS
	Ant3	6465	77.969	6425.9378	6503.9067	≤320	PASS
	Ant4	6465	77.986	6425.9577	6503.9439	≤320	PASS
	Ant1	6545	77.848	6506.0566	6583.9043	≤320	PASS
	Ant2	6545	77.898	6505.9952	6583.8937	≤320	PASS
	Ant3	6545	77.935	6506.0002	6583.9354	≤320	PASS
	Ant4	6545	77.769	6506.1187	6583.8879	≤320	PASS