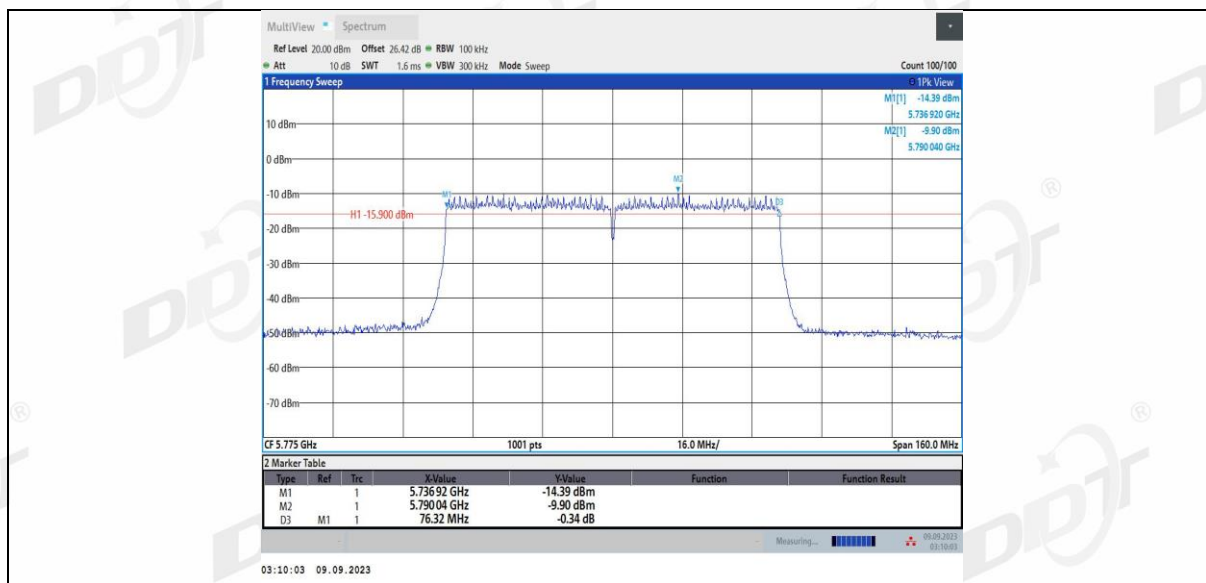






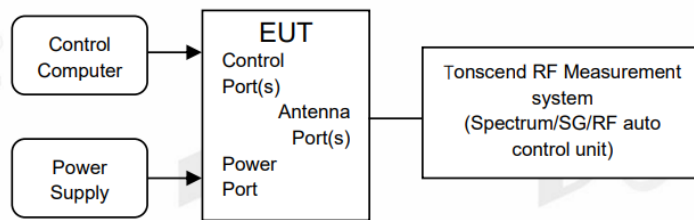






6. 99% Bandwidth

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

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

6.4. Test result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.577	5171.1847	5188.7618
	Ant2	5180	17.575	5171.2079	5188.7829
	Ant1	5200	17.581	5191.1688	5208.7498
	Ant2	5200	17.572	5191.1789	5208.7505
	Ant1	5240	17.557	5231.1803	5248.7372
	Ant2	5240	17.585	5231.1787	5248.7635
	Ant1	5260	17.577	5251.2067	5268.7834
	Ant2	5260	17.59	5251.1665	5268.7570
	Ant1	5280	17.519	5271.2290	5288.7479
	Ant2	5280	17.554	5271.2008	5288.7551
	Ant1	5320	17.53	5311.1949	5328.7246
	Ant2	5320	17.502	5311.1918	5328.6941
	Ant1	5500	17.592	5491.1721	5508.7644
	Ant2	5500	17.622	5491.1690	5508.7908
	Ant1	5580	17.66	5571.1493	5588.8096
	Ant2	5580	17.624	5571.1572	5588.7811
	Ant1	5700	17.544	5691.2143	5708.7586
	Ant2	5700	17.606	5691.1893	5708.7949
	Ant1	5720	17.642	5711.1559	5728.7982
	Ant2	5720	17.628	5711.2083	5728.8365
	Ant1	5720 UNII-2C	13.844	5711.1559	5725
	Ant2	5720 UNII-2C	13.792	5711.2083	5725
	Ant1	5720 UNII-3	3.798	5725	5728.7982
	Ant2	5720 UNII-3	3.837	5725	5728.8365
	Ant1	5745	17.575	5736.1918	5753.7664
	Ant2	5745	17.634	5736.1593	5753.7934
	Ant1	5785	17.551	5776.2152	5793.7662
	Ant2	5785	17.548	5776.2377	5793.7853
	Ant1	5825	17.553	5816.2302	5833.7831
	Ant2	5825	17.59	5816.2203	5833.8101
11N20MIMO	Ant1	5180	18.703	5170.5909	5189.2942
	Ant2	5180	18.117	5170.9313	5189.0483
	Ant1	5200	18.546	5190.6926	5209.2391
	Ant2	5200	18.148	5190.8785	5209.0267
	Ant1	5240	18.596	5230.6656	5249.2615
	Ant2	5240	18.071	5230.9474	5249.0186
	Ant1	5260	18.573	5250.7253	5269.2983
	Ant2	5260	18.067	5250.9684	5269.0352
	Ant1	5280	18.591	5270.7114	5289.3027
	Ant2	5280	18.068	5270.9790	5289.0465
	Ant1	5320	18.549	5310.7547	5329.3035
	Ant2	5320	18.047	5310.9487	5328.9957
	Ant1	5500	18.627	5490.6873	5509.3138
	Ant2	5500	18.06	5490.9905	5509.0507
	Ant1	5580	18.584	5570.7249	5589.3085
	Ant2	5580	18.125	5570.9409	5589.0657
	Ant1	5700	18.56	5690.6884	5709.2483
	Ant2	5700	18.069	5690.9311	5709.0002
	Ant1	5720	18.574	5710.7334	5729.3074
	Ant2	5720	18.064	5710.9876	5729.0518
	Ant1	5720 UNII-2C	14.267	5710.7334	5725
	Ant2	5720 UNII-2C	14.012	5710.9876	5725
	Ant1	5720 UNII-3	4.307	5725	5729.3074
	Ant2	5720 UNII-3	4.052	5725	5729.0518
	Ant1	5745	18.562	5735.7255	5754.2876
	Ant2	5745	18.046	5735.9916	5754.0376
	Ant1	5785	18.589	5775.7301	5794.3187
	Ant2	5785	18.051	5776.0059	5794.0571
	Ant1	5825	18.573	5815.7531	5834.3256
	Ant2	5825	18.073	5816.0099	5834.0828

11N40MIMO	Ant1	5190	36.84	5171.6072	5208.4476
	Ant2	5190	36.658	5171.6623	5208.3205
	Ant1	5230	36.758	5211.6139	5248.3718
	Ant2	5230	36.653	5211.6736	5248.3263
	Ant1	5270	36.792	5251.6103	5288.4022
	Ant2	5270	36.718	5251.6852	5288.4034
	Ant1	5310	36.8	5291.6034	5328.4036
	Ant2	5310	36.724	5291.5947	5328.3191
	Ant1	5510	36.81	5491.6650	5528.4755
	Ant2	5510	36.733	5491.6666	5528.3992
	Ant1	5550	36.854	5531.5843	5568.4385
	Ant2	5550	36.7	5531.6213	5568.3212
	Ant1	5670	36.76	5651.5746	5688.3346
	Ant2	5670	36.765	5651.5916	5688.3568
	Ant1	5710	36.867	5691.5753	5728.4427
	Ant2	5710	36.72	5691.6663	5728.3868
	Ant1	5710 UNII-2C	33.425	5691.5753	5725
	Ant2	5710 UNII-2C	33.334	5691.6663	5725
	Ant1	5710 UNII-3	3.443	5725	5728.4427
	Ant2	5710 UNII-3	3.387	5725	5728.3868
	Ant1	5755	36.825	5736.5851	5773.4103
	Ant2	5755	36.738	5736.5601	5773.2984
	Ant1	5795	36.75	5776.5785	5813.3286
	Ant2	5795	36.652	5776.6494	5813.3011
11AC20MIMO	Ant1	5180	18.698	5170.6296	5189.3276
	Ant2	5180	18.136	5170.9267	5189.0628
	Ant1	5200	18.605	5190.6722	5209.2771
	Ant2	5200	18.118	5190.9303	5209.0480
	Ant1	5240	18.567	5230.7260	5249.2931
	Ant2	5240	18.106	5230.9567	5249.0626
	Ant1	5260	18.543	5250.7306	5269.2731
	Ant2	5260	18.118	5250.9691	5269.0869
	Ant1	5280	18.563	5270.7225	5289.2859
	Ant2	5280	18.06	5270.9839	5289.0441
	Ant1	5320	18.554	5310.7161	5329.2706
	Ant2	5320	18.071	5310.9609	5329.0322
	Ant1	5500	18.613	5490.7299	5509.3432
	Ant2	5500	18.08	5490.9694	5509.0492
	Ant1	5580	18.673	5570.6743	5589.3470
	Ant2	5580	18.127	5570.9482	5589.0755
	Ant1	5700	18.619	5690.6654	5709.2846
	Ant2	5700	18.132	5690.8886	5709.0206
	Ant1	5720	18.636	5710.6869	5729.3230
	Ant2	5720	18.077	5710.9968	5729.0740
	Ant1	5720 UNII-2C	14.313	5710.6869	5725
	Ant2	5720 UNII-2C	14.003	5710.9968	5725
	Ant1	5720 UNII-3	4.323	5725	5729.3230
	Ant2	5720 UNII-3	4.074	5725	5729.0740
	Ant1	5745	18.612	5735.7158	5754.3276
	Ant2	5745	18.088	5735.9776	5754.0655
	Ant1	5785	18.558	5775.7273	5794.2849
	Ant2	5785	18.044	5776.0092	5794.0529
	Ant1	5825	18.592	5815.7486	5834.3407
	Ant2	5825	18.081	5816.0111	5834.0919
11AC40MIMO	Ant1	5190	36.796	5171.6408	5208.4365
	Ant2	5190	36.668	5171.6969	5208.3646
	Ant1	5230	36.81	5211.6504	5248.4603
	Ant2	5230	36.725	5211.6625	5248.3876
	Ant1	5270	36.821	5251.5975	5288.4186
	Ant2	5270	36.671	5251.6765	5288.3478
	Ant1	5310	36.829	5291.5874	5328.4162
	Ant2	5310	36.667	5291.6559	5328.3232
	Ant1	5510	36.81	5491.6383	5528.4482
	Ant2	5510	36.688	5491.6839	5528.3721

	Ant1	5550	36.852	5531.6327	5568.4850
	Ant2	5550	36.725	5531.6466	5568.3720
	Ant1	5670	36.828	5651.5658	5688.3937
	Ant2	5670	36.698	5651.6210	5688.3186
	Ant1	5710	36.83	5691.6143	5728.4442
	Ant2	5710	36.729	5691.6769	5728.4058
	Ant1	5710 UNII-2C	33.386	5691.6143	5725
	Ant2	5710 UNII-2C	33.323	5691.6769	5725
	Ant1	5710 UNII-3	3.444	5725	5728.4442
	Ant2	5710 UNII-3	3.406	5725	5728.4058
	Ant1	5755	36.891	5736.5560	5773.4475
	Ant2	5755	36.685	5736.6208	5773.3058
	Ant1	5795	36.717	5776.6395	5813.3562
	Ant2	5795	36.65	5776.7036	5813.3538
11AC80MIMO	Ant1	5210	76.319	5171.8342	5248.1529
	Ant2	5210	76.087	5171.9334	5248.0205
	Ant1	5290	76.211	5251.8620	5328.0733
	Ant2	5290	76.087	5251.9025	5327.9892
	Ant1	5530	76.209	5491.9659	5568.1751
	Ant2	5530	76.094	5492.0016	5568.0955
	Ant1	5610	76.323	5571.9122	5648.2348
	Ant2	5610	76.198	5571.9941	5648.1918
	Ant1	5690	76.377	5651.8349	5728.2117
	Ant2	5690	76.227	5651.9762	5728.2032
	Ant1	5690 UNII-2C	73.165	5651.8349	5725
	Ant2	5690 UNII-2C	73.024	5651.9762	5725
	Ant1	5690 UNII-3	3.212	5725	5728.2117
	Ant2	5690 UNII-3	3.203	5725	5728.2032
	Ant1	5775	76.22	5736.9108	5813.1308
	Ant2	5775	76.357	5736.7500	5813.1072

6.5. Test graphs

