













9. 26dB Bandwidth and 6dB Bandwidth

9.1. Block Diagram of Test Setup

Same as section 8.1

9.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Bandwidth	26 dB Bandwidth	5150 - 5250
	26 dB Bandwidth	5250 - 5350
	26 dB Bandwidth	For FCC: 5470 - 5725
	Minimum 500 kHz 6 dB Bandwidth	5725 - 5850

9.3. Test Procedure

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

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: RBW=100 kHz For 26 dB Bandwidth: approximately 1% of the emission bandwidth. For 99 % Occupied Bandwidth: approximately 1 % ~ 5 % of the OBW.
VBW	For 6 dB Bandwidth: VBW=300 kHz For 26 dB Bandwidth: >3*RBW For 99 % Bandwidth: >3*RBW
Trace	Max hold
Sweep	Auto couple

(2) Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB and 6 dB relative to the maximum level measured in the fundamental emission.

(3) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

9.4. Test Result

Test Mode	Ant.	Freq. (MHz)	OCB (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5180	16.695	5171.6260	5188.3210	---	---
	Ant2	5180	16.555	5171.7593	5188.3143	---	---
	Ant1	5200	16.577	5191.7295	5208.3065	---	---
	Ant2	5200	16.616	5191.6930	5208.3090	---	---
	Ant1	5240	16.542	5231.7290	5248.2710	---	---
	Ant2	5240	16.535	5231.7830	5248.3180	---	---
	Ant1	5260	16.554	5251.7120	5268.2660	---	---
	Ant2	5260	16.563	5251.6697	5268.2327	---	---
	Ant1	5280	16.591	5271.7437	5288.3347	---	---
	Ant2	5280	16.468	5271.7533	5288.2213	---	---
	Ant1	5320	16.573	5311.7400	5328.3130	---	---
	Ant2	5320	16.544	5311.7017	5328.2457	---	---
	Ant1	5500	16.568	5491.7118	5508.2798	---	---
	Ant2	5500	16.635	5491.7130	5508.3480	---	---
	Ant1	5580	16.558	5571.7334	5588.2914	---	---
	Ant2	5580	16.611	5571.6463	5588.2573	---	---
	Ant1	5700	16.600	5691.7032	5708.3032	---	---
	Ant2	5700	16.524	5691.7260	5708.2500	---	---
	Ant1	5720	16.533	5711.6967	5728.2297	---	---
	Ant2	5720	16.528	5711.7428	5728.2708	---	---
	Ant1	5720_UNII-2C	13.303	5711.6967	5725	---	---
	Ant2	5720_UNII-2C	13.257	5711.7428	5725	---	---
	Ant1	5720_UNII-3	3.23	5725	5728.2297	---	---
	Ant2	5720_UNII-3	3.271	5725	5728.2708	---	---
	Ant1	5745	16.545	5736.7274	5753.2724	---	---
	Ant2	5745	16.589	5736.7329	5753.3219	---	---
	Ant1	5785	16.507	5776.7605	5793.2675	---	---
	Ant2	5785	16.558	5776.7073	5793.2653	---	---
	Ant1	5825	16.522	5816.7359	5833.2579	---	---
	Ant2	5825	16.623	5816.6860	5833.3090	---	---
11N20MIMO	Ant1	5180	18.873	5170.5603	5189.4333	---	---
	Ant2	5180	18.867	5170.5849	5189.4519	---	---
	Ant1	5200	18.915	5190.5362	5209.4512	---	---
	Ant2	5200	18.972	5190.5445	5209.5165	---	---
	Ant1	5240	18.836	5230.6116	5249.4476	---	---
	Ant2	5240	18.835	5230.5917	5249.4267	---	---
	Ant1	5260	18.889	5250.5481	5269.4371	---	---
	Ant2	5260	18.829	5250.5795	5269.4085	---	---
	Ant1	5280	18.936	5270.5159	5289.4519	---	---
	Ant2	5280	18.952	5270.5187	5289.4707	---	---
	Ant1	5320	18.845	5310.5659	5329.4109	---	---
	Ant2	5320	18.837	5310.5775	5329.4145	---	---
	Ant1	5500	18.929	5490.5434	5509.4724	---	---
	Ant2	5500	18.837	5490.5991	5509.4361	---	---
	Ant1	5580	18.899	5570.5655	5589.4645	---	---
	Ant2	5580	18.857	5570.5740	5589.4310	---	---
	Ant1	5700	18.886	5690.5412	5709.4272	---	---
	Ant2	5700	18.908	5690.5279	5709.4359	---	---
	Ant1	5720	18.853	5710.5383	5729.3913	---	---
	Ant2	5720	18.882	5710.5968	5729.4788	---	---
	Ant1	5720_UNII-2C	14.462	5710.5383	5725	---	---
	Ant2	5720_UNII-2C	14.403	5710.5968	5725	---	---
	Ant1	5720_UNII-3	4.391	5725	5729.3913	---	---
	Ant2	5720_UNII-3	4.479	5725	5729.4788	---	---
	Ant1	5745	18.866	5735.5554	5754.4214	---	---
	Ant2	5745	18.856	5735.5579	5754.4139	---	---
	Ant1	5785	18.866	5775.5502	5794.4162	---	---

	Ant2	5785	18.898	5775.5491	5794.4471	---	---
	Ant1	5825	18.815	5815.5881	5834.4031	---	---
	Ant2	5825	18.925	5815.5369	5834.4619	---	---
11N40MIMO	Ant1	5190	37.623	5171.1582	5208.7812	---	---
	Ant2	5190	37.126	5170.9710	5208.0970	---	---
	Ant1	5230	37.574	5211.1224	5248.6964	---	---
	Ant2	5230	37.560	5211.4941	5249.0541	---	---
	Ant1	5270	37.484	5251.1736	5288.6576	---	---
	Ant2	5270	36.912	5250.8633	5287.7753	---	---
	Ant1	5310	37.356	5291.2267	5328.5827	---	---
	Ant2	5310	37.485	5291.4479	5328.9329	---	---
	Ant1	5510	37.595	5491.3366	5528.9316	---	---
	Ant2	5510	37.392	5491.1884	5528.5804	---	---
	Ant1	5550	37.516	5531.2316	5568.7476	---	---
	Ant2	5550	37.224	5531.6912	5568.9152	---	---
	Ant1	5670	37.433	5651.2485	5688.6815	---	---
	Ant2	5670	37.422	5651.1257	5688.5477	---	---
	Ant1	5710	37.690	5691.2340	5728.9240	---	---
	Ant2	5710	37.437	5691.5671	5729.0041	---	---
	Ant1	5710_UNII-2C	33.766	5691.2340	5725	---	---
	Ant2	5710_UNII-2C	33.433	5691.5671	5725	---	---
	Ant1	5710_UNII-3	3.924	5725	5728.9240	---	---
	Ant2	5710_UNII-3	4.004	5725	5729.0041	---	---
	Ant1	5755	37.560	5736.3438	5773.9038	---	---
	Ant2	5755	37.306	5736.1435	5773.4495	---	---
	Ant1	5795	37.748	5776.2722	5814.0202	---	---
	Ant2	5795	37.418	5776.6017	5814.0197	---	---
11AC20MIMO	Ant1	5180	17.698	5171.1657	5188.8637	---	---
	Ant2	5180	17.759	5171.1811	5188.9401	---	---
	Ant1	5200	17.758	5191.1654	5208.9234	---	---
	Ant2	5200	17.664	5191.2239	5208.8879	---	---
	Ant1	5240	17.596	5231.2388	5248.8348	---	---
	Ant2	5240	17.627	5231.2320	5248.8590	---	---
	Ant1	5260	17.731	5251.1677	5268.8987	---	---
	Ant2	5260	17.630	5251.2162	5268.8462	---	---
	Ant1	5280	17.613	5271.2449	5288.8579	---	---
	Ant2	5280	17.771	5271.1980	5288.9690	---	---
	Ant1	5320	17.679	5311.1305	5328.8095	---	---
	Ant2	5320	17.690	5311.1465	5328.8365	---	---
	Ant1	5500	17.663	5491.1464	5508.8094	---	---
	Ant2	5500	17.689	5491.1799	5508.8689	---	---
	Ant1	5580	17.655	5571.1857	5588.8407	---	---
	Ant2	5580	17.768	5571.1264	5588.8944	---	---
	Ant1	5700	17.697	5691.1199	5708.8169	---	---
	Ant2	5700	17.683	5691.1676	5708.8506	---	---
	Ant1	5720	17.721	5711.1253	5728.8463	---	---
	Ant2	5720	17.689	5711.1404	5728.8294	---	---
	Ant1	5720_UNII-2C	13.875	5711.1253	5725	---	---
	Ant2	5720_UNII-2C	13.86	5711.1404	5725	---	---
	Ant1	5720_UNII-3	3.846	5725	5728.8463	---	---
	Ant2	5720_UNII-3	3.829	5725	5728.8294	---	---
	Ant1	5745	17.573	5736.1957	5753.7687	---	---
	Ant2	5745	17.718	5736.1161	5753.8341	---	---
	Ant1	5785	17.706	5776.1068	5793.8128	---	---
	Ant2	5785	17.693	5776.1484	5793.8414	---	---
	Ant1	5825	17.745	5816.1083	5833.8533	---	---
	Ant2	5825	17.592	5816.1889	5833.7809	---	---
11AC40MIMO	Ant1	5190	36.072	5171.9679	5208.0399	---	---
	Ant2	5190	35.720	5171.7712	5207.4912	---	---
	Ant1	5230	36.139	5211.9065	5248.0455	---	---

	Ant2	5230	36.138	5212.2020	5248.3400	---	---
	Ant1	5270	36.144	5251.9093	5288.0533	---	---
	Ant2	5270	35.679	5251.7097	5287.3887	---	---
	Ant1	5310	36.036	5291.9905	5328.0265	---	---
	Ant2	5310	35.931	5292.2370	5328.1680	---	---
	Ant1	5510	35.978	5492.0245	5528.0025	---	---
	Ant2	5510	36.018	5491.9382	5527.9562	---	---
	Ant1	5550	35.966	5532.0325	5567.9985	---	---
	Ant2	5550	35.896	5532.2673	5568.1633	---	---
	Ant1	5670	36.197	5651.8815	5688.0785	---	---
	Ant2	5670	36.149	5651.7785	5687.9275	---	---
	Ant1	5710	36.108	5691.9914	5728.0994	---	---
	Ant2	5710	36.113	5692.1297	5728.2427	---	---
	Ant1	5710 UNII-2C	33.009	5691.9914	5725	---	---
	Ant2	5710 UNII-2C	32.87	5692.1297	5725	---	---
	Ant1	5710 UNII-3	3.099	5725	5728.0994	---	---
	Ant2	5710 UNII-3	3.243	5725	5728.2427	---	---
	Ant1	5755	36.102	5736.9340	5773.0360	---	---
	Ant2	5755	36.075	5736.7613	5772.8363	---	---
	Ant1	5795	36.138	5776.9210	5813.0590	---	---
	Ant2	5795	35.929	5777.2922	5813.2212	---	---
11AC80MIMO	Ant1	5210	75.578	5172.1947	5247.7727	---	---
	Ant2	5210	75.362	5172.2392	5247.6012	---	---
	Ant1	5290	75.352	5252.0874	5327.4394	---	---
	Ant2	5290	75.307	5252.2127	5327.5197	---	---
	Ant1	5530	75.575	5492.1430	5567.7180	---	---
	Ant2	5530	75.339	5492.4928	5567.8318	---	---
	Ant1	5610	75.165	5572.3355	5647.5005	---	---
	Ant2	5610	75.148	5572.4815	5647.6295	---	---
	Ant1	5690	75.190	5652.4677	5727.6577	---	---
	Ant2	5690	75.026	5652.5220	5727.5480	---	---
	Ant1	5690 UNII-2C	72.532	5652.4677	5725	---	---
	Ant2	5690 UNII-2C	72.478	5652.5220	5725	---	---
	Ant1	5690 UNII-3	2.658	5725	5727.6577	---	---
	Ant2	5690 UNII-3	2.548	5725	5727.5480	---	---
	Ant1	5775	75.288	5737.3702	5812.6582	---	---
	Ant2	5775	75.270	5737.2307	5812.5007	---	---
11AC160MIMO	Ant1	5250	152.92	5173.9399	5326.8599	---	---
	Ant2	5250	152.82	5173.6185	5326.4385	---	---
	Ant1	5250 UNII-1	76.06	5173.9399	5250	---	---
	Ant2	5250 UNII-1	76.382	5173.6185	5250	---	---
	Ant1	5250 UNII-2A	76.86	5250	5326.8599	---	---
	Ant2	5250 UNII-2A	76.439	5250	5326.4385	---	---
	Ant1	5570	152.99	5493.8154	5646.8054	---	---
	Ant2	5570	152.59	5494.6659	5647.2559	---	---
11AX20MIMO	Ant1	5180	17.676	5171.1533	5188.8293	---	---
	Ant2	5180	17.695	5171.1575	5188.8525	---	---
	Ant1	5200	17.823	5191.1078	5208.9308	---	---
	Ant2	5200	17.661	5191.1985	5208.8595	---	---
	Ant1	5240	17.673	5231.1759	5248.8489	---	---
	Ant2	5240	17.692	5231.1817	5248.8737	---	---
	Ant1	5260	17.699	5251.1391	5268.8381	---	---
	Ant2	5260	17.662	5251.1461	5268.8081	---	---
	Ant1	5280	17.672	5271.1583	5288.8303	---	---
	Ant2	5280	17.789	5271.0901	5288.8791	---	---
	Ant1	5320	17.738	5311.0872	5328.8252	---	---
	Ant2	5320	17.710	5311.1178	5328.8278	---	---
	Ant1	5500	17.679	5491.1655	5508.8445	---	---
	Ant2	5500	17.623	5491.1508	5508.7738	---	---
	Ant1	5580	17.766	5571.0852	5588.8512	---	---

	Ant2	5580	17.683	5571.1697	5588.8527	---	---
	Ant1	5700	17.682	5691.1638	5708.8458	---	---
	Ant2	5700	17.687	5691.1530	5708.8400	---	---
	Ant1	5720	17.747	5711.1130	5728.8600	---	---
	Ant2	5720	17.701	5711.1263	5728.8273	---	---
	Ant1	5720_UNII-2C	13.887	5711.1130	5725	---	---
	Ant2	5720_UNII-2C	13.874	5711.1263	5725	---	---
	Ant1	5720_UNII-3	3.86	5725	5728.8600	---	---
	Ant2	5720_UNII-3	3.827	5725	5728.8273	---	---
	Ant1	5745	17.915	5735.9974	5753.9124	---	---
	Ant2	5745	17.726	5736.1251	5753.8511	---	---
	Ant1	5785	18.048	5775.9686	5794.0166	---	---
	Ant2	5785	17.991	5776.0217	5794.0127	---	---
	Ant1	5825	17.780	5816.0887	5833.8687	---	---
	Ant2	5825	17.971	5815.9916	5833.9626	---	---
11AX40MIMO	Ant1	5190	36.060	5171.9729	5208.0329	---	---
	Ant2	5190	35.818	5171.7969	5207.6149	---	---
	Ant1	5230	36.101	5211.9169	5248.0179	---	---
	Ant2	5230	35.896	5212.3526	5248.2486	---	---
	Ant1	5270	36.110	5251.9418	5288.0518	---	---
	Ant2	5270	35.480	5251.6602	5287.1402	---	---
	Ant1	5310	35.962	5292.0061	5327.9681	---	---
	Ant2	5310	35.996	5292.1771	5328.1731	---	---
	Ant1	5510	36.197	5491.9516	5528.1486	---	---
	Ant2	5510	35.955	5492.0362	5527.9912	---	---
	Ant1	5550	36.054	5531.9960	5568.0500	---	---
	Ant2	5550	36.066	5532.2388	5568.3048	---	---
	Ant1	5670	36.048	5651.9680	5688.0160	---	---
	Ant2	5670	36.024	5651.8832	5687.9072	---	---
	Ant1	5710	36.120	5691.9556	5728.0756	---	---
	Ant2	5710	36.171	5692.2032	5728.3742	---	---
	Ant1	5710_UNII-2C	33.044	5691.9556	5725	---	---
	Ant2	5710_UNII-2C	32.797	5692.2032	5725	---	---
	Ant1	5710_UNII-3	3.076	5725	5728.0756	---	---
	Ant2	5710_UNII-3	3.374	5725	5728.3742	---	---
	Ant1	5755	36.511	5736.8059	5773.3169	---	---
	Ant2	5755	36.483	5736.7076	5773.1906	---	---
	Ant1	5795	36.582	5776.8291	5813.4111	---	---
	Ant2	5795	36.398	5777.0725	5813.4705	---	---
11AX80MIMO	Ant1	5210	75.297	5172.6403	5247.9373	---	---
	Ant2	5210	75.149	5172.8578	5248.0068	---	---
	Ant1	5290	75.054	5252.6400	5327.6940	---	---
	Ant2	5290	75.505	5252.3261	5327.8311	---	---
	Ant1	5530	75.252	5492.5970	5567.8490	---	---
	Ant2	5530	75.369	5492.5802	5567.9492	---	---
	Ant1	5610	75.343	5572.4379	5647.7809	---	---
	Ant2	5610	74.922	5572.8317	5647.7537	---	---
	Ant1	5690	75.361	5652.5917	5727.9527	---	---
	Ant2	5690	75.354	5652.5382	5727.8922	---	---
	Ant1	5690_UNII-2C	72.408	5652.5917	5725	---	---
	Ant2	5690_UNII-2C	72.462	5652.5382	5725	---	---
	Ant1	5690_UNII-3	2.953	5725	5727.9527	---	---
	Ant2	5690_UNII-3	2.892	5725	5727.8922	---	---
	Ant1	5775	75.387	5737.4682	5812.8552	---	---
	Ant2	5775	75.600	5737.2785	5812.8785	---	---
11AX160MIMO	Ant1	5250	155.18	5172.3729	5327.5529	---	---
	Ant2	5250	153.72	5172.9782	5326.6982	---	---
	Ant1	5250_UNII-1	77.627	5172.3729	5250	---	---
	Ant2	5250_UNII-1	77.022	5172.9782	5250	---	---
	Ant1	5250_UNII-2A	77.553	5250	5327.5529	---	---

	Ant2	5250_UNII-2A	76.698	5250	5326.6982	---	---
	Ant1	5570	154.52	5492.1333	5646.6533	---	---
	Ant2	5570	154.52	5492.0434	5646.5634	---	---

Test Mode	Ant.	Freq. (MHz)	26dB EBW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5180	23.040	5168.200	5191.240	---	---
	Ant2	5180	22.160	5168.800	5190.960	---	---
	Ant1	5200	21.480	5189.160	5210.640	---	---
	Ant2	5200	20.760	5189.320	5210.080	---	---
	Ant1	5240	21.480	5229.440	5250.920	---	---
	Ant2	5240	21.640	5229.080	5250.720	---	---
	Ant1	5260	20.760	5249.600	5270.360	---	---
	Ant2	5260	21.520	5249.360	5270.880	---	---
	Ant1	5280	21.200	5269.760	5290.960	---	---
	Ant2	5280	21.800	5269.280	5291.080	---	---
	Ant1	5320	21.280	5309.400	5330.680	---	---
	Ant2	5320	21.440	5309.440	5330.880	---	---
	Ant1	5500	21.480	5489.280	5510.760	---	---
	Ant2	5500	21.160	5489.240	5510.400	---	---
	Ant1	5580	20.920	5569.320	5590.240	---	---
	Ant2	5580	21.120	5569.720	5590.840	---	---
	Ant1	5700	20.440	5689.960	5710.400	---	---
	Ant2	5700	20.720	5689.720	5710.440	---	---
	Ant1	5720	22.680	5708.320	5731.000	---	---
	Ant2	5720	22.480	5708.800	5731.280	---	---
	Ant1	5720_UNII-2C	16.68	5708.320	5725	---	---
	Ant2	5720_UNII-2C	16.2	5708.800	5725	---	---
	Ant1	5720_UNII-3	6	5725	5731.000	---	---
	Ant2	5720_UNII-3	6.28	5725	5731.280	---	---
	Ant1	5745	20.800	5734.560	5755.360	---	---
	Ant2	5745	21.400	5734.400	5755.800	---	---
	Ant1	5785	20.080	5774.680	5794.760	---	---
	Ant2	5785	21.840	5773.720	5795.560	---	---
	Ant1	5825	21.040	5814.000	5835.040	---	---
	Ant2	5825	20.880	5814.720	5835.600	---	---
11N20MIMO	Ant1	5180	21.680	5169.080	5190.760	---	---
	Ant2	5180	21.160	5169.200	5190.360	---	---
	Ant1	5200	23.080	5187.720	5210.800	---	---
	Ant2	5200	22.680	5188.960	5211.640	---	---
	Ant1	5240	21.680	5229.400	5251.080	---	---
	Ant2	5240	21.200	5229.200	5250.400	---	---
	Ant1	5260	22.040	5249.120	5271.160	---	---
	Ant2	5260	21.120	5249.880	5271.000	---	---
	Ant1	5280	21.720	5269.760	5291.480	---	---
	Ant2	5280	23.840	5268.280	5292.120	---	---
	Ant1	5320	21.680	5309.240	5330.920	---	---
	Ant2	5320	21.720	5309.280	5331.000	---	---
	Ant1	5500	22.720	5489.000	5511.720	---	---
	Ant2	5500	21.600	5489.480	5511.080	---	---
	Ant1	5580	21.720	5568.960	5590.680	---	---
	Ant2	5580	21.680	5569.440	5591.120	---	---
	Ant1	5700	21.640	5689.440	5711.080	---	---
	Ant2	5700	21.480	5689.560	5711.040	---	---
	Ant1	5720	21.480	5708.960	5730.440	---	---
	Ant2	5720	22.280	5708.800	5731.080	---	---
	Ant1	5720_UNII-2C	16.04	5708.960	5725	---	---
	Ant2	5720_UNII-2C	16.2	5708.800	5725	---	---
	Ant1	5720_UNII-3	5.44	5725	5730.440	---	---
	Ant2	5720_UNII-3	6.08	5725	5731.080	---	---

	Ant1	5745	20.800	5734.640	5755.440	---	---
	Ant2	5745	21.040	5734.440	5755.480	---	---
	Ant1	5785	21.360	5774.320	5795.680	---	---
	Ant2	5785	21.560	5773.920	5795.480	---	---
	Ant1	5825	21.240	5814.320	5835.560	---	---
	Ant2	5825	23.080	5813.480	5836.560	---	---
11N40MIMO	Ant1	5190	40.240	5170.080	5210.320	---	---
	Ant2	5190	42.080	5167.600	5209.680	---	---
	Ant1	5230	40.320	5209.760	5250.080	---	---
	Ant2	5230	40.320	5210.400	5250.720	---	---
	Ant1	5270	43.040	5247.360	5290.400	---	---
	Ant2	5270	41.840	5247.680	5289.520	---	---
	Ant1	5310	40.880	5289.760	5330.640	---	---
	Ant2	5310	43.360	5289.200	5332.560	---	---
	Ant1	5510	40.320	5489.840	5530.160	---	---
	Ant2	5510	39.840	5490.240	5530.080	---	---
	Ant1	5550	40.720	5530.000	5570.720	---	---
	Ant2	5550	40.320	5530.240	5570.560	---	---
	Ant1	5670	40.720	5649.680	5690.400	---	---
	Ant2	5670	39.760	5649.760	5689.520	---	---
	Ant1	5710	39.360	5690.400	5729.760	---	---
	Ant2	5710	40.400	5690.080	5730.480	---	---
	Ant1	5710_UNII-2C	34.6	5690.400	5725	---	---
	Ant2	5710_UNII-2C	34.92	5690.080	5725	---	---
	Ant1	5710_UNII-3	4.76	5725	5729.760	---	---
	Ant2	5710_UNII-3	5.48	5725	5730.480	---	---
	Ant1	5755	40.000	5735.240	5775.240	---	---
	Ant2	5755	41.120	5733.400	5774.520	---	---
	Ant1	5795	41.680	5774.200	5815.880	---	---
	Ant2	5795	39.760	5775.640	5815.400	---	---
11AC20MIMO	Ant1	5180	21.720	5169.120	5190.840	---	---
	Ant2	5180	21.680	5168.760	5190.440	---	---
	Ant1	5200	21.640	5189.040	5210.680	---	---
	Ant2	5200	22.960	5188.440	5211.400	---	---
	Ant1	5240	22.000	5229.640	5251.640	---	---
	Ant2	5240	20.920	5229.800	5250.720	---	---
	Ant1	5260	21.240	5248.800	5270.040	---	---
	Ant2	5260	21.520	5249.120	5270.640	---	---
	Ant1	5280	21.640	5269.240	5290.880	---	---
	Ant2	5280	22.720	5268.640	5291.360	---	---
	Ant1	5320	21.920	5308.640	5330.560	---	---
	Ant2	5320	20.840	5309.560	5330.400	---	---
	Ant1	5500	22.040	5488.960	5511.000	---	---
	Ant2	5500	21.640	5488.760	5510.400	---	---
	Ant1	5580	21.960	5569.000	5590.960	---	---
	Ant2	5580	22.320	5568.920	5591.240	---	---
	Ant1	5700	20.680	5689.800	5710.480	---	---
	Ant2	5700	21.960	5689.000	5710.960	---	---
	Ant1	5720	21.200	5709.040	5730.240	---	---
	Ant2	5720	21.160	5709.520	5730.680	---	---
	Ant1	5720_UNII-2C	15.96	5709.040	5725	---	---
	Ant2	5720_UNII-2C	15.48	5709.520	5725	---	---
	Ant1	5720_UNII-3	5.24	5725	5730.240	---	---
	Ant2	5720_UNII-3	5.68	5725	5730.680	---	---
	Ant1	5745	20.720	5734.600	5755.320	---	---
	Ant2	5745	21.320	5734.440	5755.760	---	---
	Ant1	5785	21.200	5773.960	5795.160	---	---
	Ant2	5785	21.840	5773.960	5795.800	---	---
	Ant1	5825	21.920	5814.360	5836.280	---	---
	Ant2	5825	21.960	5813.360	5835.320	---	---

11AC40MIMO	Ant1	5190	40.000	5150.080	5229.920	---	---
	Ant2	5190	39.920	5169.440	5209.360	---	---
	Ant1	5230	42.000	5208.720	5250.720	---	---
	Ant2	5230	40.240	5210.720	5250.960	---	---
	Ant1	5270	41.360	5249.120	5290.480	---	---
	Ant2	5270	39.840	5248.880	5288.720	---	---
	Ant1	5310	39.840	5289.920	5329.760	---	---
	Ant2	5310	39.760	5290.640	5330.400	---	---
	Ant1	5510	43.680	5488.800	5532.480	---	---
	Ant2	5510	41.920	5488.480	5530.400	---	---
	Ant1	5550	43.280	5529.200	5572.480	---	---
	Ant2	5550	39.920	5530.320	5570.240	---	---
	Ant1	5670	42.240	5649.120	5691.360	---	---
	Ant2	5670	42.080	5649.200	5691.280	---	---
	Ant1	5710	43.120	5688.160	5731.280	---	---
	Ant2	5710	39.920	5690.480	5730.400	---	---
	Ant1	5710_UNII-2C	36.84	5688.160	5725	---	---
	Ant2	5710_UNII-2C	34.52	5690.480	5725	---	---
	Ant1	5710_UNII-3	6.28	5725	5731.280	---	---
	Ant2	5710_UNII-3	5.4	5725	5730.400	---	---
	Ant1	5755	41.280	5733.880	5775.160	---	---
	Ant2	5755	41.280	5733.400	5774.680	---	---
	Ant1	5795	41.120	5774.520	5815.640	---	---
	Ant2	5795	40.080	5776.040	5816.120	---	---
11AC80MIMO	Ant1	5210	86.560	5166.320	5252.880	---	---
	Ant2	5210	80.480	5169.520	5250.000	---	---
	Ant1	5290	83.360	5247.600	5330.960	---	---
	Ant2	5290	82.560	5249.040	5331.600	---	---
	Ant1	5530	82.880	5488.880	5571.760	---	---
	Ant2	5530	81.760	5490.640	5572.400	---	---
	Ant1	5610	82.560	5568.720	5651.280	---	---
	Ant2	5610	81.760	5569.520	5651.280	---	---
	Ant1	5690	82.400	5648.880	5731.280	---	---
	Ant2	5690	83.360	5648.400	5731.760	---	---
	Ant1	5690_UNII-2C	76.12	5648.880	5725	---	---
	Ant2	5690_UNII-2C	76.6	5648.400	5725	---	---
	Ant1	5690_UNII-3	6.28	5725	5731.280	---	---
	Ant2	5690_UNII-3	6.76	5725	5731.760	---	---
	Ant1	5775	82.720	5733.240	5815.960	---	---
	Ant2	5775	82.880	5733.400	5816.280	---	---
11AC160MIMO	Ant1	5250	164.160	5167.760	5331.920	---	---
	Ant2	5250	162.560	5168.720	5331.280	---	---
	Ant1	5250_UNII-1	82.24	5167.760	5250	---	---
	Ant2	5250_UNII-1	81.28	5168.720	5250	---	---
	Ant1	5250_UNII-2A	81.92	5250	5331.920	---	---
	Ant2	5250_UNII-2A	81.28	5250	5331.280	---	---
	Ant1	5570	164.160	5488.080	5652.240	---	---
	Ant2	5570	160.960	5490.320	5651.280	---	---
11AX20MIMO	Ant1	5180	21.800	5169.040	5190.840	---	---
	Ant2	5180	21.400	5168.600	5190.000	---	---
	Ant1	5200	21.240	5189.320	5210.560	---	---
	Ant2	5200	22.360	5188.760	5211.120	---	---
	Ant1	5240	21.000	5229.680	5250.680	---	---
	Ant2	5240	20.480	5230.160	5250.640	---	---
	Ant1	5260	20.920	5249.280	5270.200	---	---
	Ant2	5260	21.320	5249.360	5270.680	---	---
	Ant1	5280	22.280	5268.920	5291.200	---	---
	Ant2	5280	21.880	5268.680	5290.560	---	---
	Ant1	5320	21.320	5309.120	5330.440	---	---
	Ant2	5320	21.920	5308.840	5330.760	---	---

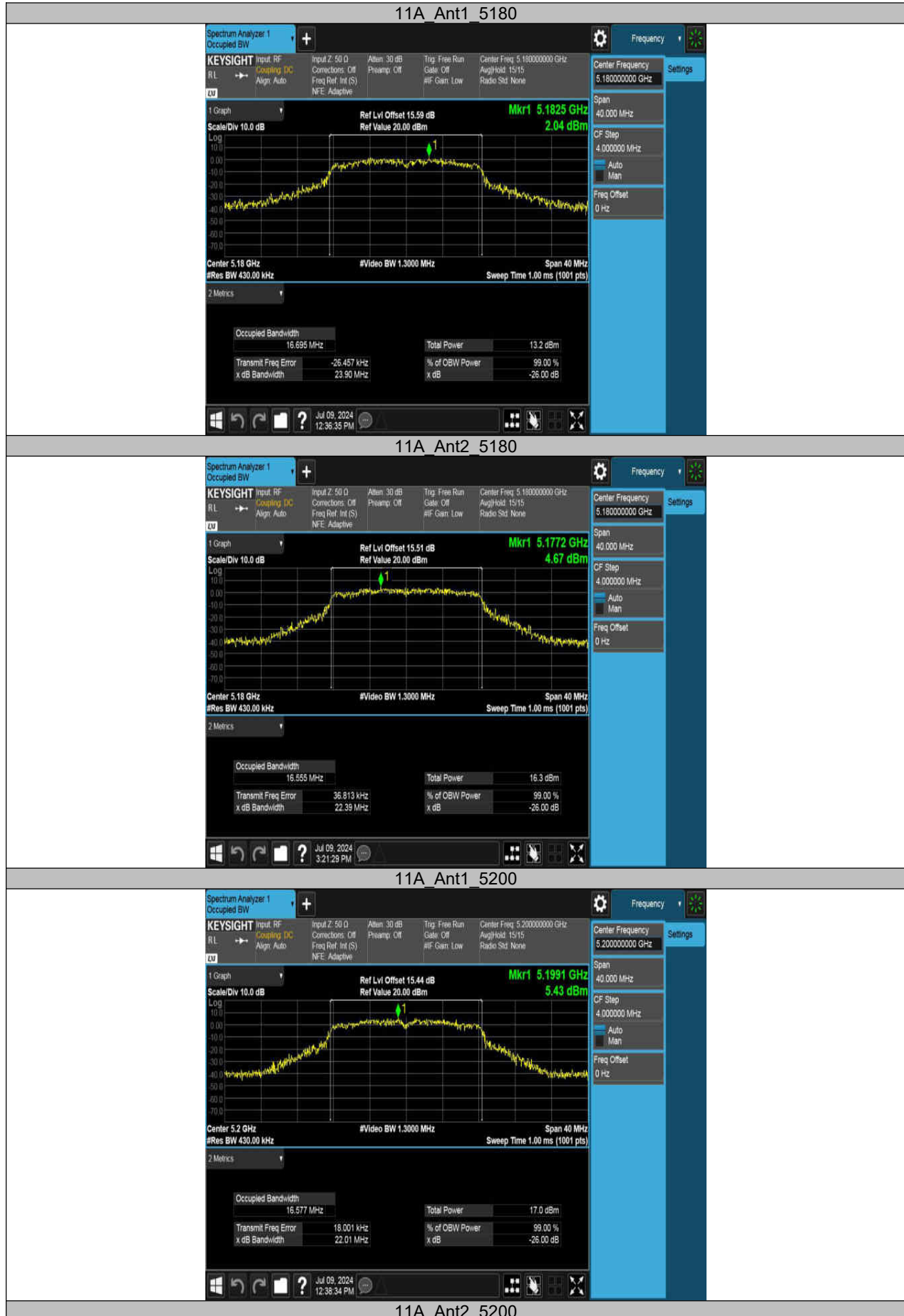
	Ant1	5500	21.080	5489.440	5510.520	---	---
	Ant2	5500	21.400	5489.360	5510.760	---	---
	Ant1	5580	20.920	5569.400	5590.320	---	---
	Ant2	5580	20.840	5569.240	5590.080	---	---
	Ant1	5700	21.160	5689.400	5710.560	---	---
	Ant2	5700	21.320	5689.360	5710.680	---	---
	Ant1	5720	21.120	5709.640	5730.760	---	---
	Ant2	5720	20.520	5709.920	5730.440	---	---
	Ant1	5720_UNII-2C	15.36	5709.640	5725	---	---
	Ant2	5720_UNII-2C	15.08	5709.920	5725	---	---
	Ant1	5720_UNII-3	5.76	5725	5730.760	---	---
	Ant2	5720_UNII-3	5.44	5725	5730.440	---	---
	Ant1	5745	22.040	5733.920	5755.960	---	---
	Ant2	5745	21.000	5734.400	5755.400	---	---
	Ant1	5785	22.000	5774.040	5796.040	---	---
	Ant2	5785	22.440	5773.440	5795.880	---	---
	Ant1	5825	22.640	5813.320	5835.960	---	---
	Ant2	5825	21.640	5813.920	5835.560	---	---
11AX40MIMO	Ant1	5190	43.360	5169.200	5212.560	---	---
	Ant2	5190	41.200	5167.840	5209.040	---	---
	Ant1	5230	40.720	5209.600	5250.320	---	---
	Ant2	5230	39.120	5210.880	5250.000	---	---
	Ant1	5270	40.320	5250.000	5290.320	---	---
	Ant2	5270	40.240	5248.640	5288.880	---	---
	Ant1	5310	41.040	5289.360	5330.400	---	---
	Ant2	5310	39.680	5290.960	5330.640	---	---
	Ant1	5510	43.200	5489.200	5532.400	---	---
	Ant2	5510	40.080	5490.160	5530.240	---	---
	Ant1	5550	40.560	5529.840	5570.400	---	---
	Ant2	5550	38.960	5531.040	5570.000	---	---
	Ant1	5670	39.840	5650.160	5690.000	---	---
	Ant2	5670	41.040	5648.720	5689.760	---	---
	Ant1	5710	41.840	5688.720	5730.560	---	---
	Ant2	5710	39.360	5690.560	5729.920	---	---
	Ant1	5710_UNII-2C	36.28	5688.720	5725	---	---
	Ant2	5710_UNII-2C	34.44	5690.560	5725	---	---
	Ant1	5710_UNII-3	5.56	5725	5730.560	---	---
	Ant2	5710_UNII-3	4.92	5725	5729.920	---	---
11AX80MIMO	Ant1	5755	41.760	5734.200	5775.960	---	---
	Ant2	5755	41.040	5733.880	5774.920	---	---
	Ant1	5795	43.840	5773.640	5817.480	---	---
	Ant2	5795	40.160	5775.640	5815.800	---	---
	Ant1	5210	81.920	5169.520	5251.440	---	---
	Ant2	5210	82.240	5169.680	5251.920	---	---
	Ant1	5290	84.160	5246.960	5331.120	---	---
	Ant2	5290	84.960	5246.160	5331.120	---	---
	Ant1	5530	82.240	5488.880	5571.120	---	---
	Ant2	5530	83.360	5489.840	5573.200	---	---
	Ant1	5610	81.440	5569.200	5650.640	---	---
	Ant2	5610	84.000	5567.920	5651.920	---	---
	Ant1	5690	81.600	5649.680	5731.280	---	---
	Ant2	5690	82.720	5649.840	5732.560	---	---
	Ant1	5690_UNII-2C	75.32	5649.680	5725	---	---
	Ant2	5690_UNII-2C	75.16	5649.840	5725	---	---
	Ant1	5690_UNII-3	6.28	5725	5731.280	---	---
	Ant2	5690_UNII-3	7.56	5725	5732.560	---	---
	Ant1	5775	82.240	5733.720	5815.960	---	---
	Ant2	5775	80.640	5734.680	5815.320	---	---
11AX160MIMO	Ant1	5250	161.920	5169.040	5330.960	---	---
	Ant2	5250	161.280	5169.360	5330.640	---	---

	Ant1	5250 UNII-1	80.96	5169.040	5250	---	---
	Ant2	5250 UNII-1	80.64	5169.360	5250	---	---
	Ant1	5250 UNII-2A	80.96	5250	5330.960	---	---
	Ant2	5250 UNII-2A	80.64	5250	5330.640	---	---
	Ant1	5570	163.200	5489.360	5652.560	---	---
	Ant2	5570	162.240	5488.400	5650.640	---	---

Test Mode	Ant.	Freq. (MHz)	6dB EBW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5745	15.120	5737.440	5752.560	0.5	PASS
	Ant2	5745	15.120	5737.440	5752.560	0.5	PASS
	Ant1	5785	15.120	5777.440	5792.560	0.5	PASS
	Ant2	5785	15.120	5777.440	5792.560	0.5	PASS
	Ant1	5825	15.120	5817.440	5832.560	0.5	PASS
	Ant2	5825	15.120	5817.440	5832.560	0.5	PASS
11N20MIMO	Ant1	5745	16.760	5737.040	5753.800	0.5	PASS
	Ant2	5745	15.120	5737.440	5752.560	0.5	PASS
	Ant1	5785	15.080	5777.480	5792.560	0.5	PASS
	Ant2	5785	15.040	5777.520	5792.560	0.5	PASS
	Ant1	5825	16.120	5817.360	5833.480	0.5	PASS
	Ant2	5825	15.080	5817.480	5832.560	0.5	PASS
11N40MIMO	Ant1	5755	33.840	5738.680	5772.520	0.5	PASS
	Ant2	5755	30.080	5739.960	5770.040	0.5	PASS
	Ant1	5795	28.880	5783.720	5812.600	0.5	PASS
	Ant2	5795	35.040	5777.480	5812.520	0.5	PASS
11AC20MIMO	Ant1	5745	15.000	5737.560	5752.560	0.5	PASS
	Ant2	5745	15.080	5737.440	5752.520	0.5	PASS
	Ant1	5785	16.800	5776.600	5793.400	0.5	PASS
	Ant2	5785	15.120	5777.440	5792.560	0.5	PASS
	Ant1	5825	11.240	5818.680	5829.920	0.5	PASS
	Ant2	5825	15.080	5817.440	5832.520	0.5	PASS
11AC40MIMO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
	Ant2	5755	31.360	5738.680	5770.040	0.5	PASS
	Ant1	5795	30.160	5782.440	5812.600	0.5	PASS
	Ant2	5795	35.040	5777.480	5812.520	0.5	PASS
11AC80MIMO	Ant1	5775	75.040	5737.560	5812.600	0.5	PASS
	Ant2	5775	61.280	5739.960	5801.240	0.5	PASS
11AX20MIMO	Ant1	5745	15.120	5737.440	5752.560	0.5	PASS
	Ant2	5745	15.120	5737.440	5752.560	0.5	PASS
	Ant1	5785	15.120	5777.440	5792.560	0.5	PASS
	Ant2	5785	15.040	5777.520	5792.560	0.5	PASS
	Ant1	5825	15.120	5817.440	5832.560	0.5	PASS
	Ant2	5825	15.120	5817.440	5832.560	0.5	PASS
11AX40MIMO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
	Ant2	5755	30.080	5737.480	5767.560	0.5	PASS
	Ant1	5795	35.040	5777.480	5812.520	0.5	PASS
	Ant2	5795	30.160	5782.440	5812.600	0.5	PASS
11AX80MIMO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS
	Ant2	5775	72.640	5737.400	5810.040	0.5	PASS

9.5. Original Test Data

99% Bandwidth:





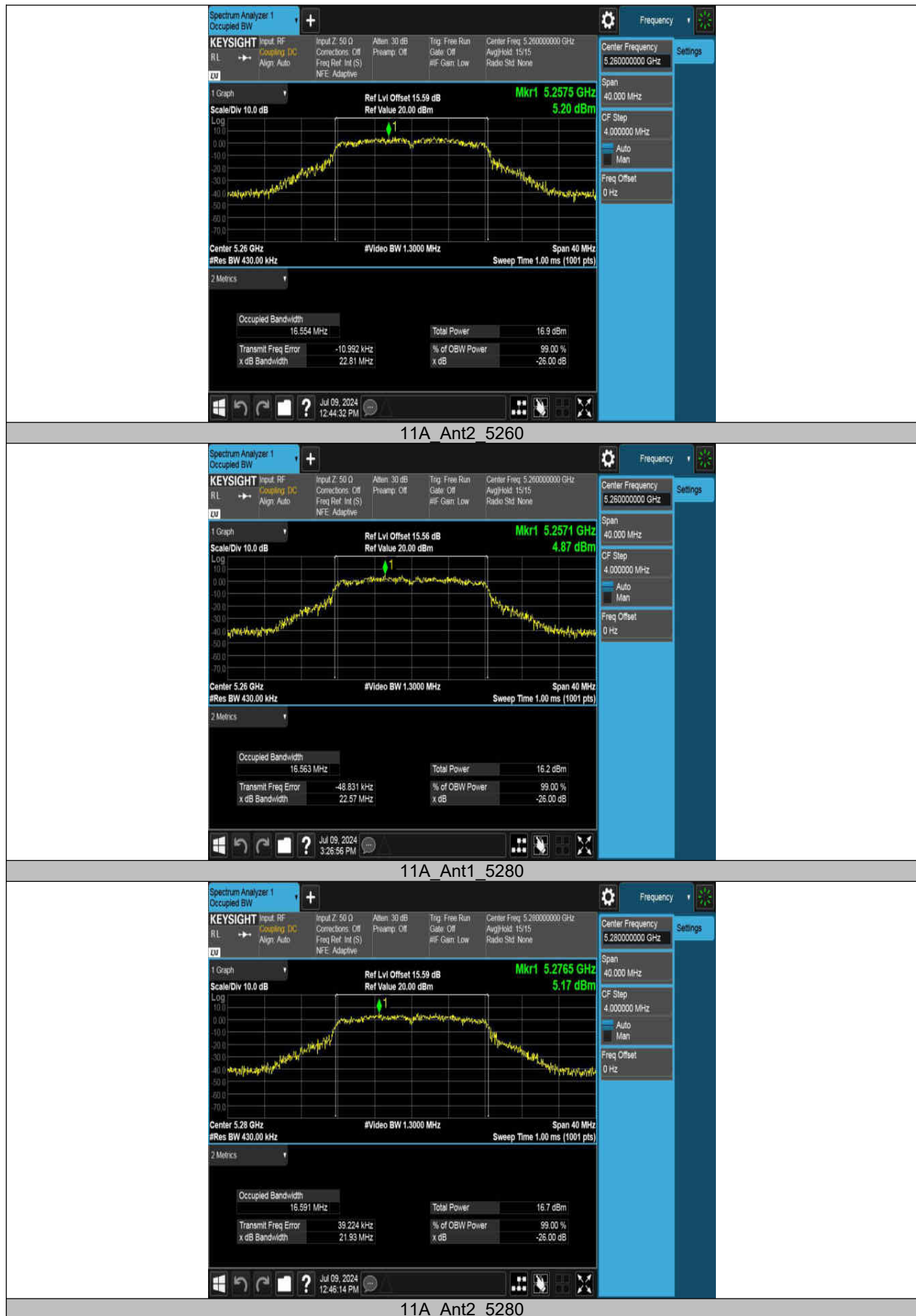
11A_Ant1_5240

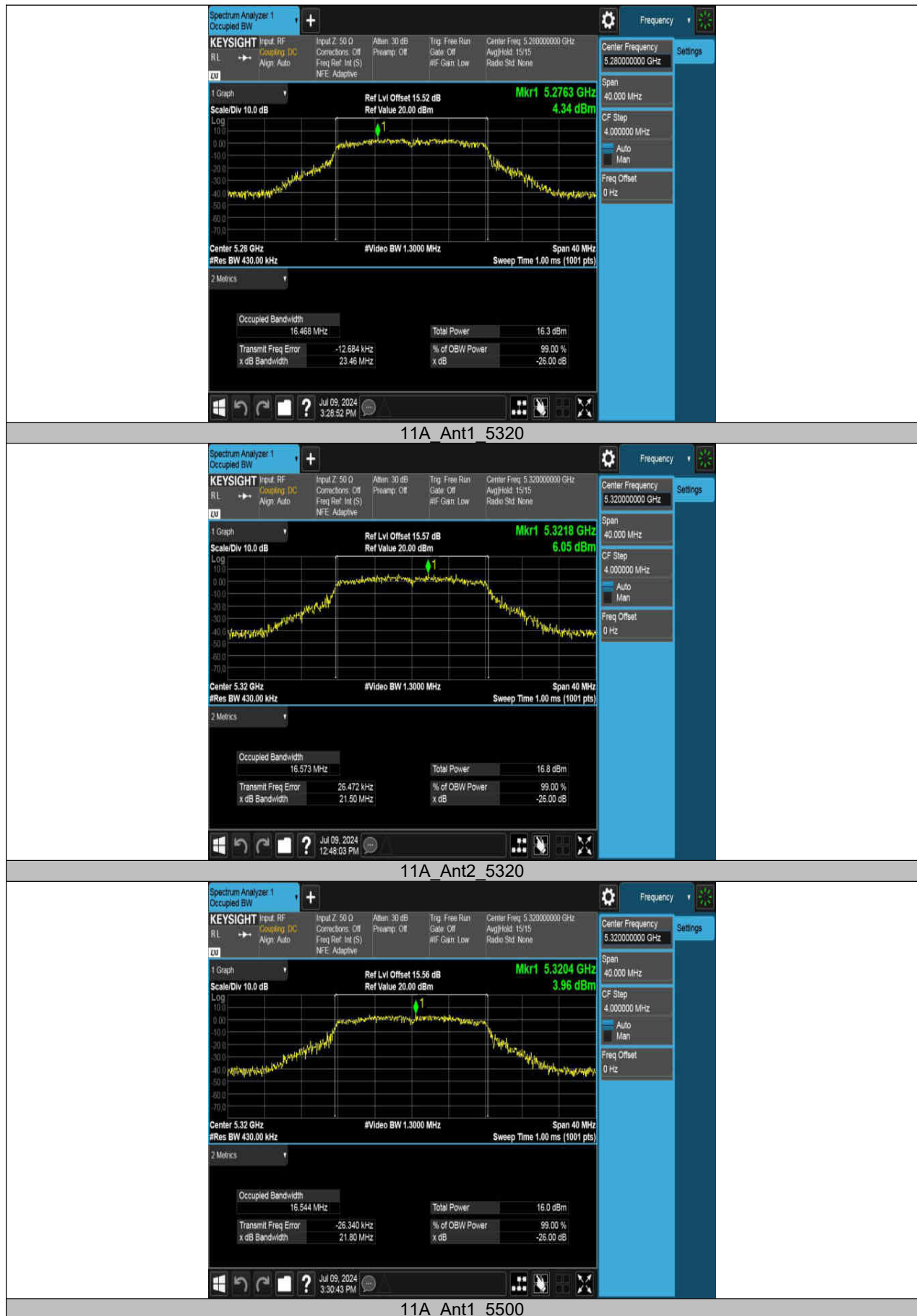


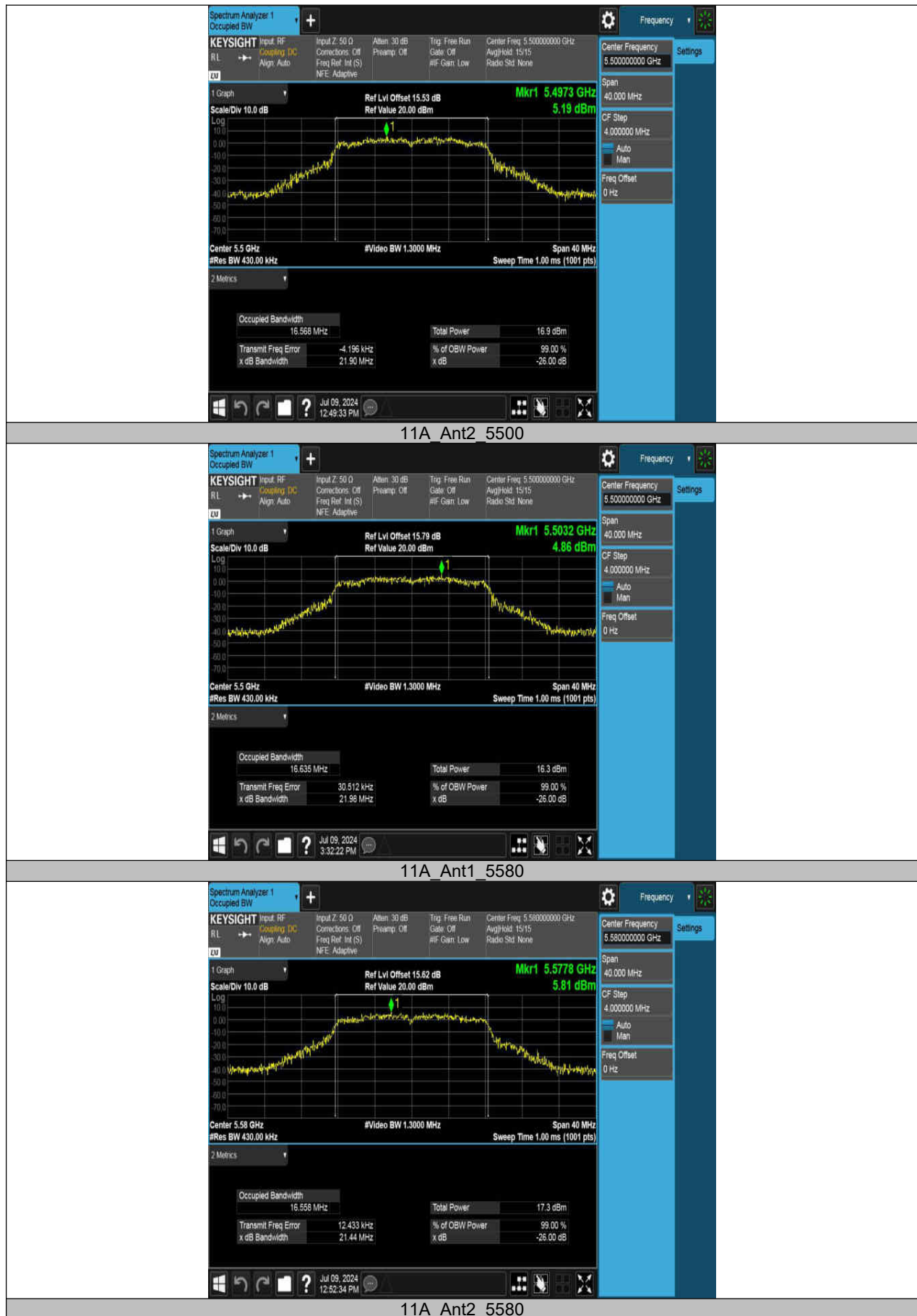
11A_Ant2_5240



11A_Ant1_5260









11A_Ant1_5700



11A_Ant2_5700



11A_Ant1_5720

