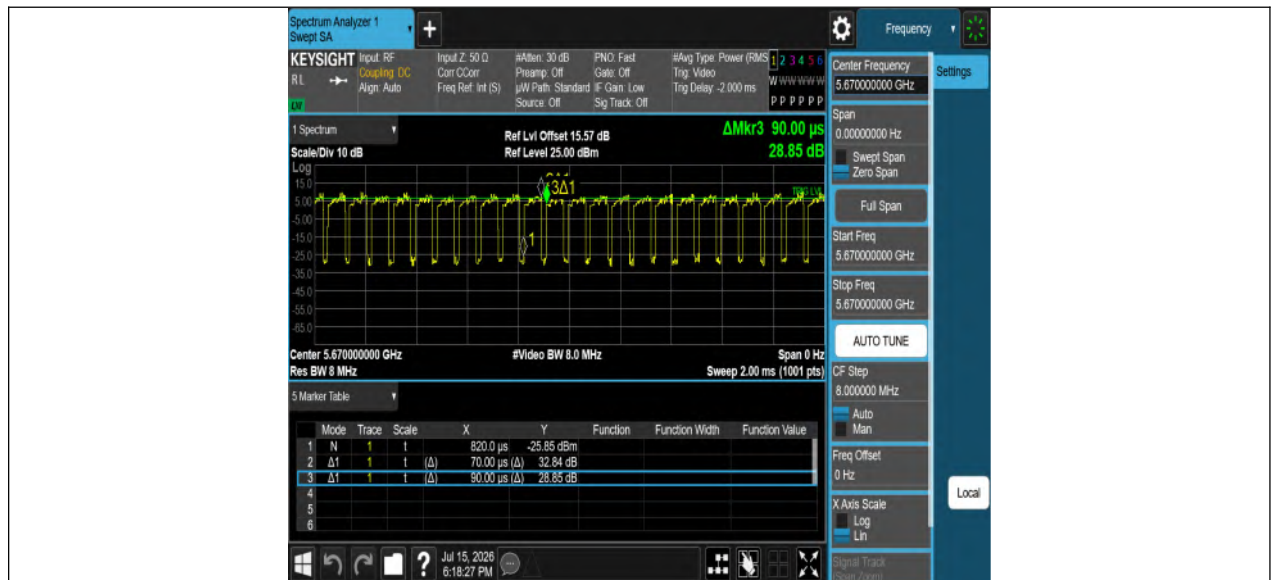


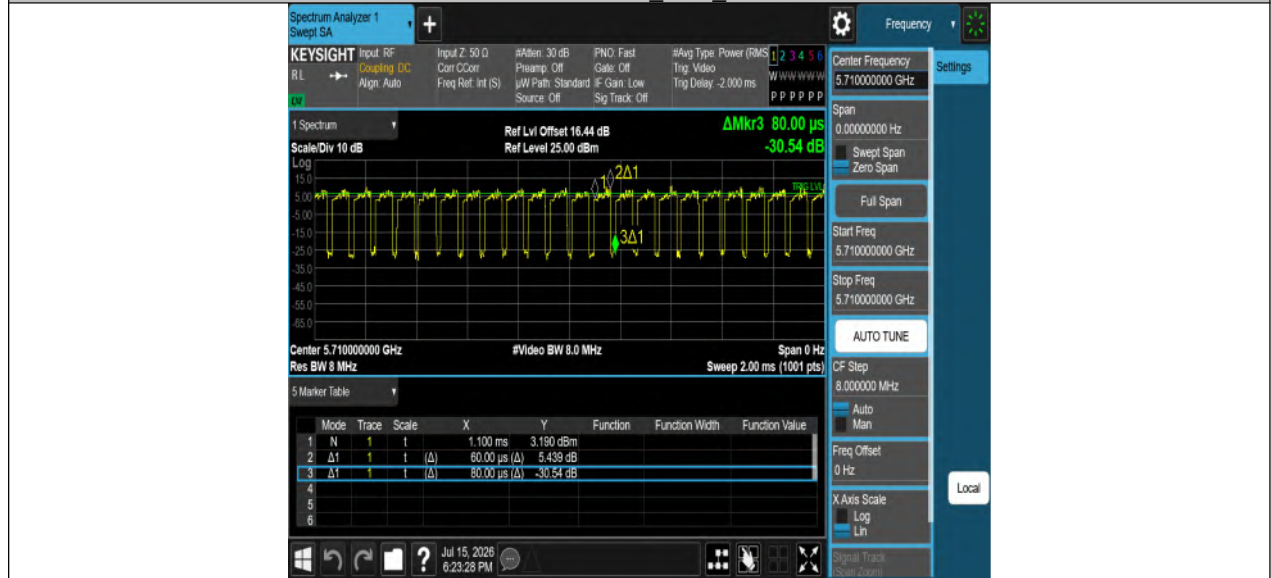




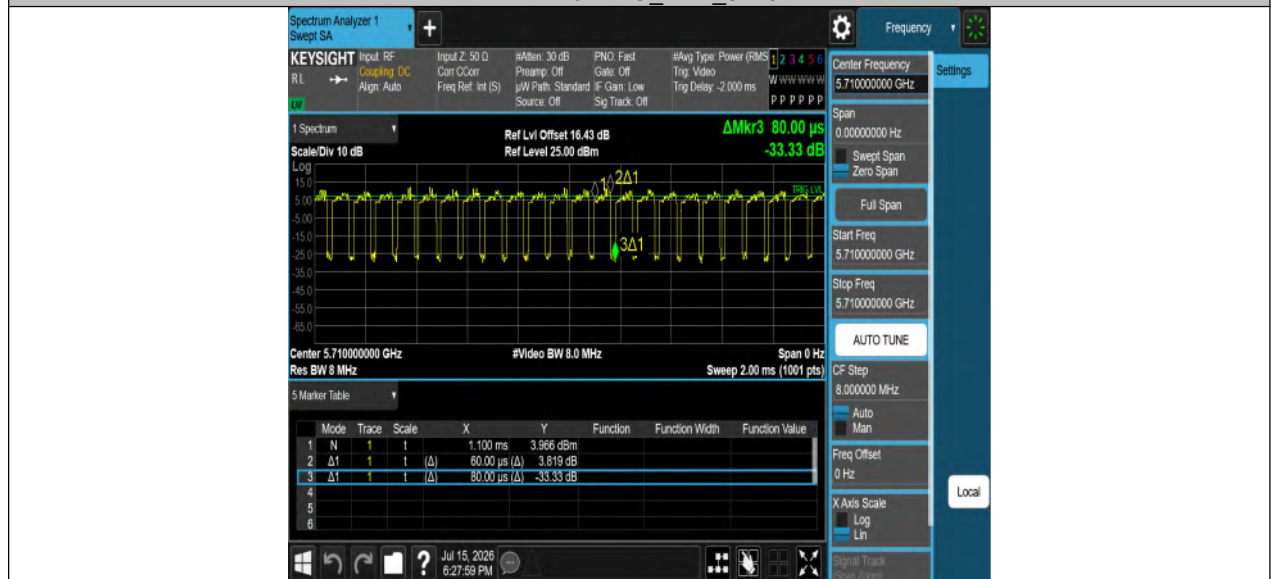




11AX40MIMO_Ant1_5710

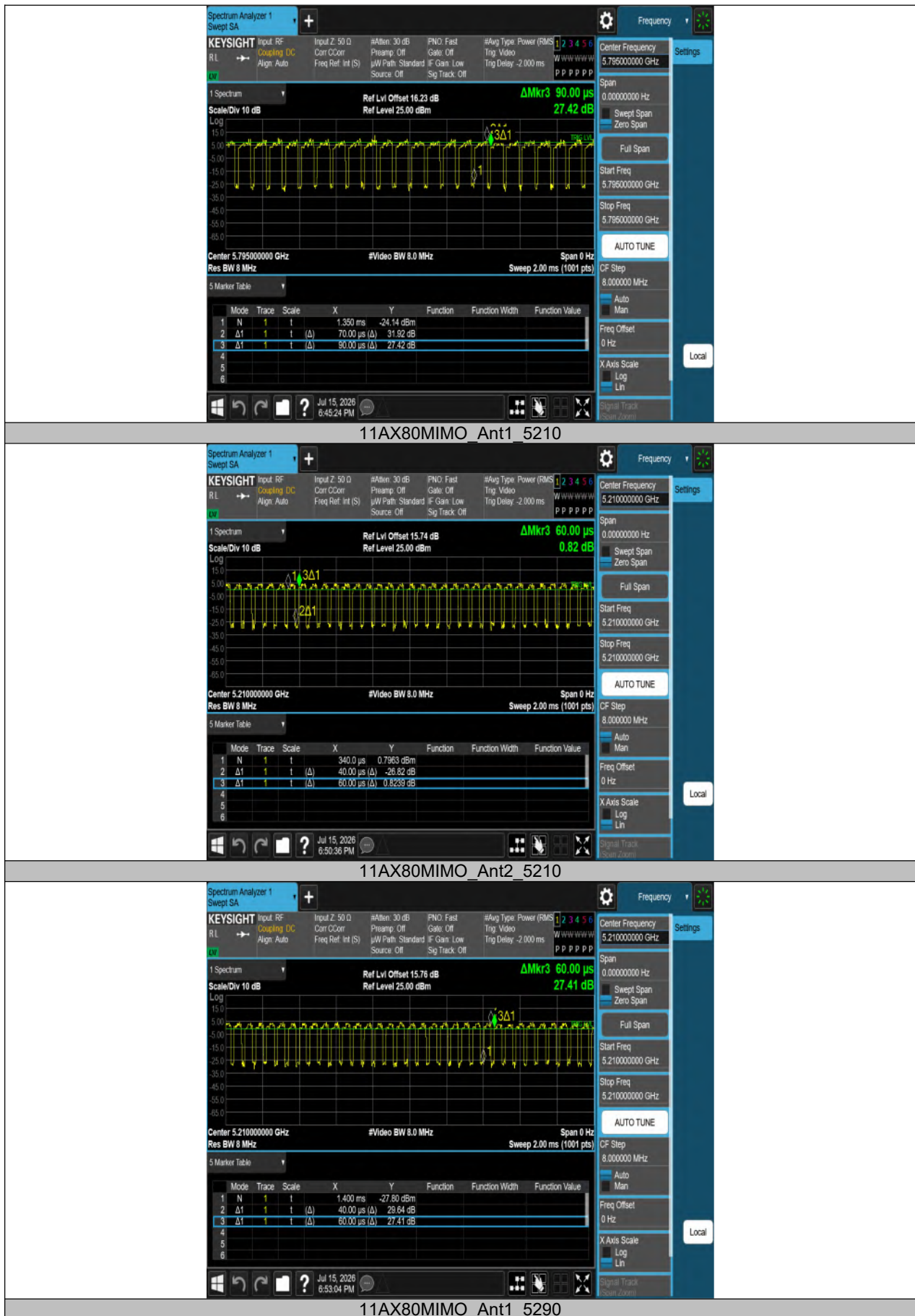


11AX40MIMO_Ant2_5710



11AX40MIMO_Ant1_5755

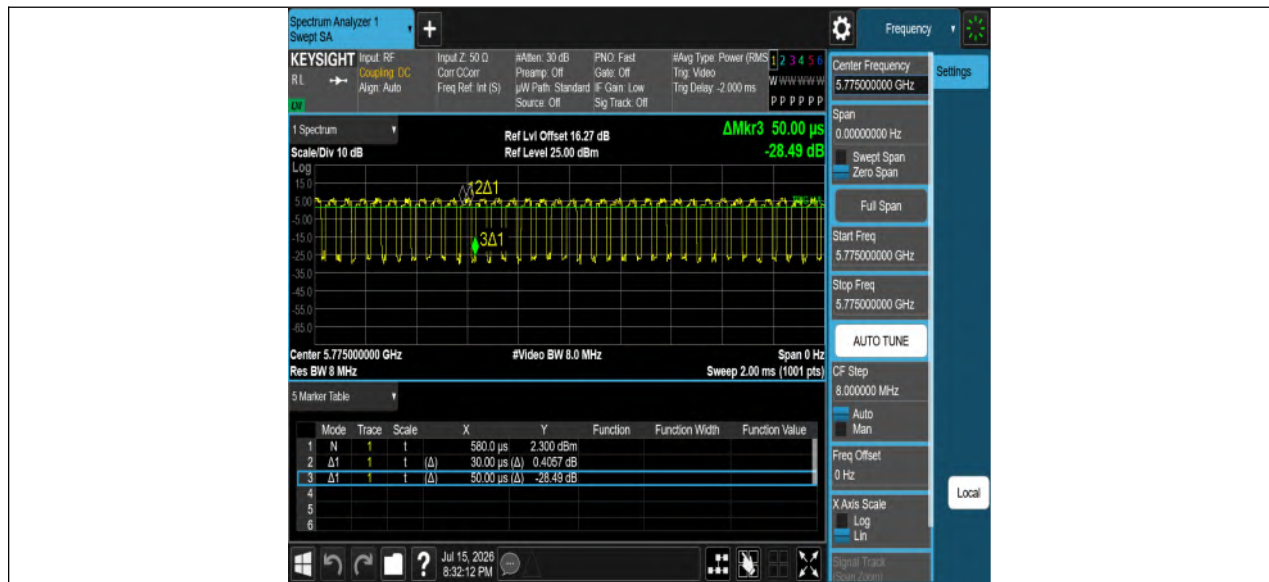












9. 26dB Bandwidth, 6dB Bandwidth and 99% Bandwidth

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	5470 - 5725
	Minimum 500 kHz 6 dB Bandwidth	5725 - 5850
	For reporting purposes only.	5150 ~ 5825

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	17.537	5171.0911	5188.6281	---	---
	Ant2	5180	17.585	5171.1167	5188.7017	---	---
	Ant1	5200	17.667	5191.0616	5208.7286	---	---
	Ant2	5200	17.508	5191.1955	5208.7035	---	---
	Ant1	5240	16.748	5231.5233	5248.2713	---	---
	Ant2	5240	16.710	5231.5745	5248.2845	---	---
	Ant1	5260	17.543	5251.1051	5268.6481	---	---
	Ant2	5260	17.444	5251.2271	5268.6711	---	---
	Ant1	5280	17.595	5271.1538	5288.7488	---	---
	Ant2	5280	17.540	5271.1102	5288.6502	---	---
	Ant1	5320	17.426	5311.2235	5328.6495	---	---
	Ant2	5320	17.400	5311.2265	5328.6265	---	---
	Ant1	5500	17.667	5491.1898	5508.8568	---	---
	Ant2	5500	17.683	5491.1954	5508.8784	---	---
	Ant1	5580	17.417	5571.3228	5588.7398	---	---
	Ant2	5580	17.484	5571.1129	5588.5969	---	---
	Ant1	5700	17.673	5691.0279	5708.7009	---	---
	Ant2	5700	17.621	5691.0058	5708.6268	---	---
	Ant1	5720	17.310	5711.1936	5728.5036	---	---
	Ant2	5720	17.395	5711.2552	5728.6502	---	---

	Ant1	5720_UNII-2C	13.806	5711.1936	5725	---	---
	Ant2	5720_UNII-2C	13.745	5711.2552	5725	---	---
	Ant1	5720_UNII-3	3.504	5725	5728.5036	---	---
	Ant2	5720_UNII-3	3.65	5725	5728.6502	---	---
	Ant1	5745	17.458	5736.2046	5753.6626	---	---
	Ant2	5745	17.452	5736.2624	5753.7144	---	---
	Ant1	5785	17.625	5776.0792	5793.7042	---	---
	Ant2	5785	17.546	5776.2375	5793.7835	---	---
	Ant1	5825	17.420	5816.1454	5833.5654	---	---
	Ant2	5825	17.474	5816.2541	5833.7281	---	---
11N20MIMO	Ant1	5180	18.385	5170.7389	5189.1239	---	---
	Ant2	5180	18.030	5170.9145	5188.9445	---	---
	Ant1	5200	18.384	5190.7716	5209.1556	---	---
	Ant2	5200	18.044	5190.8332	5208.8772	---	---
	Ant1	5240	17.717	5231.1090	5248.8260	---	---
	Ant2	5240	17.599	5231.1526	5248.7516	---	---
	Ant1	5260	18.437	5250.7165	5269.1535	---	---
	Ant2	5260	18.014	5250.8630	5268.8770	---	---
	Ant1	5280	18.336	5270.7307	5289.0667	---	---
	Ant2	5280	17.932	5270.9425	5288.8745	---	---
	Ant1	5320	18.417	5310.7621	5329.1791	---	---
	Ant2	5320	18.093	5310.8505	5328.9435	---	---
	Ant1	5500	18.553	5490.7517	5509.3047	---	---
	Ant2	5500	18.015	5491.0890	5509.1040	---	---
	Ant1	5580	18.402	5570.7632	5589.1652	---	---
	Ant2	5580	17.928	5570.8986	5588.8266	---	---
	Ant1	5700	18.406	5690.6289	5709.0349	---	---
	Ant2	5700	17.995	5691.1147	5709.1097	---	---
	Ant1	5720	18.382	5710.7549	5729.1369	---	---
	Ant2	5720	17.913	5710.9267	5728.8397	---	---
	Ant1	5720_UNII-2C	14.245	5710.7549	5725	---	---
	Ant2	5720_UNII-2C	14.073	5710.9267	5725	---	---
	Ant1	5720_UNII-3	4.137	5725	5729.1369	---	---
	Ant2	5720_UNII-3	3.84	5725	5728.8397	---	---
	Ant1	5745	18.490	5735.6473	5754.1373	---	---
	Ant2	5745	18.084	5735.8173	5753.9013	---	---
	Ant1	5785	18.513	5775.6137	5794.1267	---	---
	Ant2	5785	17.961	5775.9504	5793.9114	---	---
	Ant1	5825	18.560	5815.6793	5834.2393	---	---
	Ant2	5825	18.123	5816.0149	5834.1379	---	---
11N40MIMO	Ant1	5190	35.832	5172.0164	5207.8484	---	---
	Ant2	5190	35.825	5171.8400	5207.6650	---	---
	Ant1	5230	35.924	5211.9580	5247.8820	---	---
	Ant2	5230	35.903	5212.1196	5248.0226	---	---
	Ant1	5270	35.851	5252.0147	5287.8657	---	---
	Ant2	5270	35.844	5251.9224	5287.7664	---	---
	Ant1	5310	35.906	5292.0245	5327.9305	---	---
	Ant2	5310	35.540	5292.2226	5327.7626	---	---
	Ant1	5510	35.854	5492.0266	5527.8806	---	---
	Ant2	5510	35.404	5492.2845	5527.6885	---	---
	Ant1	5550	35.836	5532.0365	5567.8725	---	---
	Ant2	5550	35.992	5532.1081	5568.1001	---	---
	Ant1	5670	35.886	5651.9657	5687.8517	---	---
	Ant2	5670	35.671	5651.8387	5687.5097	---	---
	Ant1	5710	35.993	5691.9255	5727.9185	---	---
	Ant2	5710	35.482	5692.3235	5727.8055	---	---
	Ant1	5710_UNII-2C	33.074	5691.9255	5725	---	---
	Ant2	5710_UNII-2C	32.676	5692.3235	5725	---	---
	Ant1	5710_UNII-3	2.918	5725	5727.9185	---	---
	Ant2	5710_UNII-3	2.806	5725	5727.8055	---	---
	Ant1	5755	35.779	5737.0562	5772.8352	---	---
	Ant2	5755	36.053	5736.9735	5773.0265	---	---
	Ant1	5795	35.959	5776.9724	5812.9314	---	---
	Ant2	5795	35.677	5776.9374	5812.6144	---	---
11AC20MIMO	Ant1	5180	18.532	5170.7280	5189.2600	---	---
	Ant2	5180	18.032	5170.9158	5188.9478	---	---
	Ant1	5200	18.529	5190.6534	5209.1824	---	---

	Ant2	5200	18.040	5190.8348	5208.8748	---	---
	Ant1	5240	17.744	5231.0448	5248.7888	---	---
	Ant2	5240	17.580	5231.2127	5248.7927	---	---
	Ant1	5260	18.488	5250.6476	5269.1356	---	---
	Ant2	5260	18.045	5250.8526	5268.8976	---	---
	Ant1	5280	18.436	5270.7634	5289.1994	---	---
	Ant2	5280	17.997	5270.8891	5288.8861	---	---
	Ant1	5320	18.244	5310.8122	5329.0562	---	---
	Ant2	5320	18.024	5310.8840	5328.9080	---	---
	Ant1	5500	18.460	5490.6544	5509.1144	---	---
	Ant2	5500	17.982	5491.0924	5509.0744	---	---
	Ant1	5580	18.419	5570.7867	5589.2057	---	---
	Ant2	5580	17.957	5570.8811	5588.8381	---	---
	Ant1	5700	18.488	5690.6373	5709.1253	---	---
	Ant2	5700	18.103	5691.1313	5709.2343	---	---
	Ant1	5720	18.405	5710.6994	5729.1044	---	---
	Ant2	5720	17.885	5710.9449	5728.8299	---	---
	Ant1	5720_UNII-2C	14.301	5710.6994	5725	---	---
	Ant2	5720_UNII-2C	14.055	5710.9449	5725	---	---
	Ant1	5720_UNII-3	4.104	5725	5729.1044	---	---
	Ant2	5720_UNII-3	3.83	5725	5728.8299	---	---
	Ant1	5745	18.374	5735.6903	5754.0643	---	---
	Ant2	5745	17.956	5735.9640	5753.9200	---	---
	Ant1	5785	18.367	5775.7767	5794.1437	---	---
	Ant2	5785	17.957	5775.9561	5793.9131	---	---
	Ant1	5825	18.437	5815.7024	5834.1394	---	---
	Ant2	5825	17.989	5816.0619	5834.0509	---	---
11AC40MIMO	Ant1	5190	35.942	5171.9552	5207.8972	---	---
	Ant2	5190	35.659	5171.9746	5207.6336	---	---
	Ant1	5230	35.884	5211.9905	5247.8745	---	---
	Ant2	5230	35.873	5212.1229	5247.9959	---	---
	Ant1	5270	35.858	5252.0604	5287.9184	---	---
	Ant2	5270	35.875	5251.8525	5287.7275	---	---
	Ant1	5310	35.949	5291.9711	5327.9201	---	---
	Ant2	5310	35.466	5292.3586	5327.8246	---	---
	Ant1	5510	35.905	5492.0237	5527.9287	---	---
	Ant2	5510	35.623	5492.1850	5527.8080	---	---
	Ant1	5550	35.917	5531.9914	5567.9084	---	---
	Ant2	5550	36.334	5531.9664	5568.3004	---	---
	Ant1	5670	35.921	5651.9816	5687.9026	---	---
	Ant2	5670	35.770	5651.7507	5687.5207	---	---
	Ant1	5710	35.879	5691.9750	5727.8540	---	---
	Ant2	5710	35.462	5692.4003	5727.8623	---	---
	Ant1	5710_UNII-2C	33.025	5691.9750	5725	---	---
	Ant2	5710_UNII-2C	32.6	5692.4003	5725	---	---
	Ant1	5710_UNII-3	2.854	5725	5727.8540	---	---
	Ant2	5710_UNII-3	2.862	5725	5727.8623	---	---
	Ant1	5755	35.973	5736.9612	5772.9342	---	---
	Ant2	5755	36.158	5736.8957	5773.0537	---	---
	Ant1	5795	35.922	5777.0073	5812.9293	---	---
	Ant2	5795	35.456	5777.0587	5812.5147	---	---
11AC80MIMO	Ant1	5210	75.253	5172.2741	5247.5271	---	---
	Ant2	5210	75.507	5172.2184	5247.7254	---	---
	Ant1	5290	75.389	5252.2338	5327.6228	---	---
	Ant2	5290	75.525	5252.1938	5327.7188	---	---
	Ant1	5530	75.402	5492.1881	5567.5901	---	---
	Ant2	5530	75.511	5492.3233	5567.8343	---	---
	Ant1	5610	75.415	5572.2455	5647.6605	---	---
	Ant2	5610	75.841	5571.9671	5647.8081	---	---
	Ant1	5690	75.251	5652.2359	5727.4869	---	---
	Ant2	5690	75.511	5652.1843	5727.6953	---	---
	Ant1	5690_UNII-2C	72.764	5652.2359	5725	---	---
	Ant2	5690_UNII-2C	72.816	5652.1843	5725	---	---
	Ant1	5690_UNII-3	2.487	5725	5727.4869	---	---
	Ant2	5690_UNII-3	2.695	5725	5727.6953	---	---
	Ant1	5775	75.295	5737.1859	5812.4809	---	---
	Ant2	5775	74.403	5737.5810	5811.9840	---	---

11AX20MIMO	Ant1	5180	19.014	5170.4424	5189.4564	---	---
	Ant2	5180	18.972	5170.4695	5189.4415	---	---
	Ant1	5200	19.070	5190.4105	5209.4805	---	---
	Ant2	5200	19.014	5190.3797	5209.3937	---	---
	Ant1	5240	18.832	5230.5693	5249.4013	---	---
	Ant2	5240	18.837	5230.5273	5249.3643	---	---
	Ant1	5260	18.984	5250.4681	5269.4521	---	---
	Ant2	5260	18.956	5250.4321	5269.3881	---	---
	Ant1	5280	19.013	5270.4167	5289.4297	---	---
	Ant2	5280	19.066	5270.4030	5289.4690	---	---
	Ant1	5320	19.021	5310.4741	5329.4951	---	---
	Ant2	5320	18.934	5310.4475	5329.3815	---	---
	Ant1	5500	19.015	5490.4282	5509.4432	---	---
	Ant2	5500	18.983	5490.5048	5509.4878	---	---
	Ant1	5580	18.964	5570.4448	5589.4088	---	---
	Ant2	5580	18.939	5570.4525	5589.3915	---	---
	Ant1	5700	19.070	5690.4012	5709.4712	---	---
	Ant2	5700	19.053	5690.5576	5709.6106	---	---
	Ant1	5720	19.055	5710.3848	5729.4398	---	---
	Ant2	5720	18.903	5710.4716	5729.3746	---	---
	Ant1	5720_UNII-2C	14.615	5710.3848	5725	---	---
	Ant2	5720_UNII-2C	14.528	5710.4716	5725	---	---
	Ant1	5720_UNII-3	4.44	5725	5729.4398	---	---
	Ant2	5720_UNII-3	4.375	5725	5729.3746	---	---
	Ant1	5745	19.011	5735.4404	5754.4514	---	---
	Ant2	5745	18.993	5735.4020	5754.3950	---	---
	Ant1	5785	18.972	5775.4729	5794.4449	---	---
	Ant2	5785	19.018	5775.4082	5794.4262	---	---
	Ant1	5825	19.000	5815.4283	5834.4283	---	---
	Ant2	5825	19.028	5815.4742	5834.5022	---	---
11AX40MIMO	Ant1	5190	37.381	5171.2556	5208.6366	---	---
	Ant2	5190	37.196	5171.1762	5208.3722	---	---
	Ant1	5230	37.650	5211.1292	5248.7792	---	---
	Ant2	5230	37.385	5211.3184	5248.7034	---	---
	Ant1	5270	37.436	5251.2264	5288.6624	---	---
	Ant2	5270	37.441	5251.1028	5288.5438	---	---
	Ant1	5310	37.593	5291.1558	5328.7488	---	---
	Ant2	5310	37.203	5291.3938	5328.5968	---	---
	Ant1	5510	37.471	5491.2058	5528.6768	---	---
	Ant2	5510	37.129	5491.3391	5528.4681	---	---
	Ant1	5550	37.509	5531.2240	5568.7330	---	---
	Ant2	5550	37.739	5531.2070	5568.9460	---	---
	Ant1	5670	37.442	5651.1752	5688.6172	---	---
	Ant2	5670	37.263	5651.0383	5688.3013	---	---
	Ant1	5710	37.657	5691.0992	5728.7562	---	---
	Ant2	5710	37.171	5691.5135	5728.6845	---	---
	Ant1	5710_UNII-2C	33.901	5691.0992	5725	---	---
	Ant2	5710_UNII-2C	33.487	5691.5135	5725	---	---
	Ant1	5710_UNII-3	3.756	5725	5728.7562	---	---
	Ant2	5710_UNII-3	3.685	5725	5728.6845	---	---
	Ant1	5755	37.537	5736.1377	5773.6747	---	---
	Ant2	5755	37.633	5736.1458	5773.7788	---	---
	Ant1	5795	37.469	5776.1729	5813.6419	---	---
	Ant2	5795	37.436	5776.0171	5813.4531	---	---
11AX80MIMO	Ant1	5210	76.805	5171.4891	5248.2941	---	---
	Ant2	5210	77.253	5171.2018	5248.4548	---	---
	Ant1	5290	76.996	5251.3980	5328.3940	---	---
	Ant2	5290	77.027	5251.4463	5328.4733	---	---
	Ant1	5530	76.768	5491.5287	5568.2967	---	---
	Ant2	5530	77.088	5491.3721	5568.4601	---	---
	Ant1	5610	76.823	5571.5264	5648.3494	---	---
	Ant2	5610	77.388	5571.2353	5648.6233	---	---
	Ant1	5690	76.809	5651.4540	5728.2630	---	---
	Ant2	5690	77.327	5651.1675	5728.4945	---	---
	Ant1	5690_UNII-2C	73.546	5651.4540	5725	---	---
	Ant2	5690_UNII-2C	73.833	5651.1675	5725	---	---
	Ant1	5690_UNII-3	3.263	5725	5728.2630	---	---

	Ant2	5690_UNII-3	3.494	5725	5728.4945	---	---
	Ant1	5775	76.910	5736.4361	5813.3461	---	---
	Ant2	5775	76.121	5736.6887	5812.8097	---	---

Note: Offset=cable loss + Test system insertion loss

Test Mode	Ant.	Freq. (MHz)	26dB EBW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5180	25.400	5167.800	5193.200	---	---
	Ant2	5180	25.520	5167.680	5193.200	---	---
	Ant1	5200	24.920	5187.560	5212.480	---	---
	Ant2	5200	24.120	5187.720	5211.840	---	---
	Ant1	5240	19.440	5230.400	5249.840	---	---
	Ant2	5240	19.840	5230.000	5249.840	---	---
	Ant1	5260	24.360	5248.000	5272.360	---	---
	Ant2	5260	24.720	5247.840	5272.560	---	---
	Ant1	5280	24.480	5267.280	5291.760	---	---
	Ant2	5280	23.360	5268.880	5292.240	---	---
	Ant1	5320	25.480	5307.640	5333.120	---	---
	Ant2	5320	24.840	5307.520	5332.360	---	---
	Ant1	5500	26.880	5486.640	5513.520	---	---
	Ant2	5500	24.280	5488.280	5512.560	---	---
	Ant1	5580	23.000	5568.120	5591.120	---	---
	Ant2	5580	24.720	5567.560	5592.280	---	---
	Ant1	5700	23.320	5688.680	5712.000	---	---
	Ant2	5700	23.800	5688.040	5711.840	---	---
	Ant1	5720	23.520	5708.120	5731.640	---	---
	Ant2	5720	23.800	5708.000	5731.800	---	---
	Ant1	5720_UNII-2C	16.88	5708.120	5725	---	---
	Ant2	5720_UNII-2C	17	5708.000	5725	---	---
	Ant1	5720_UNII-3	6.64	5725	5731.640	---	---
	Ant2	5720_UNII-3	6.8	5725	5731.800	---	---
	Ant1	5745	24.480	5732.200	5756.680	---	---
	Ant2	5745	23.240	5733.520	5756.760	---	---
	Ant1	5785	23.600	5773.120	5796.720	---	---
	Ant2	5785	24.600	5772.720	5797.320	---	---
	Ant1	5825	25.520	5811.560	5837.080	---	---
	Ant2	5825	24.560	5812.520	5837.080	---	---
11N20MIMO	Ant1	5180	24.920	5167.200	5192.120	---	---
	Ant2	5180	23.320	5168.520	5191.840	---	---
	Ant1	5200	25.840	5186.800	5212.640	---	---
	Ant2	5200	27.640	5183.520	5211.160	---	---
	Ant1	5240	20.040	5230.000	5250.040	---	---
	Ant2	5240	19.520	5230.160	5249.680	---	---
	Ant1	5260	25.360	5247.520	5272.880	---	---
	Ant2	5260	22.760	5248.360	5271.120	---	---
	Ant1	5280	25.840	5267.280	5293.120	---	---
	Ant2	5280	23.280	5268.480	5291.760	---	---
	Ant1	5320	26.080	5306.840	5332.920	---	---
	Ant2	5320	22.960	5308.320	5331.280	---	---
	Ant1	5500	23.920	5488.560	5512.480	---	---
	Ant2	5500	28.600	5489.400	5518.000	---	---
	Ant1	5580	24.760	5567.400	5592.160	---	---
	Ant2	5580	22.600	5568.880	5591.480	---	---
	Ant1	5700	25.040	5686.680	5711.720	---	---
	Ant2	5700	23.240	5689.040	5712.280	---	---
	Ant1	5720	26.280	5707.080	5733.360	---	---
	Ant2	5720	23.320	5708.360	5731.680	---	---
	Ant1	5720_UNII-2C	17.92	5707.080	5725	---	---
	Ant2	5720_UNII-2C	16.64	5708.360	5725	---	---
	Ant1	5720_UNII-3	8.36	5725	5733.360	---	---
	Ant2	5720_UNII-3	6.68	5725	5731.680	---	---
	Ant1	5745	26.120	5731.680	5757.800	---	---
	Ant2	5745	23.520	5733.080	5756.600	---	---
	Ant1	5785	25.520	5772.360	5797.880	---	---
	Ant2	5785	22.200	5773.640	5795.840	---	---
	Ant1	5825	24.040	5813.240	5837.280	---	---

11N40MIMO	Ant2	5825	22.600	5814.280	5836.880	---	---
	Ant1	5190	39.440	5170.160	5209.600	---	---
	Ant2	5190	39.120	5170.240	5209.360	---	---
	Ant1	5230	40.160	5209.840	5250.000	---	---
	Ant2	5230	38.480	5210.880	5249.360	---	---
	Ant1	5270	39.200	5250.560	5289.760	---	---
	Ant2	5270	39.120	5250.320	5289.440	---	---
	Ant1	5310	39.440	5290.320	5329.760	---	---
	Ant2	5310	38.400	5290.960	5329.360	---	---
	Ant1	5510	39.760	5490.000	5529.760	---	---
	Ant2	5510	38.400	5490.720	5529.120	---	---
	Ant1	5550	39.760	5530.320	5570.080	---	---
	Ant2	5550	39.360	5530.560	5569.920	---	---
	Ant1	5670	39.600	5650.240	5689.840	---	---
	Ant2	5670	38.880	5650.240	5689.120	---	---
	Ant1	5710	39.520	5690.160	5729.680	---	---
	Ant2	5710	38.080	5691.040	5729.120	---	---
	Ant1	5710_UNII-2C	34.84	5690.160	5725	---	---
	Ant2	5710_UNII-2C	33.96	5691.040	5725	---	---
	Ant1	5710_UNII-3	4.68	5725	5729.680	---	---
	Ant2	5710_UNII-3	4.12	5725	5729.120	---	---
	Ant1	5755	39.680	5735.240	5774.920	---	---
	Ant2	5755	39.200	5735.160	5774.360	---	---
	Ant1	5795	39.280	5775.320	5814.600	---	---
	Ant2	5795	38.560	5775.320	5813.880	---	---
11AC20MIMO	Ant1	5180	25.840	5167.320	5193.160	---	---
	Ant2	5180	24.280	5167.640	5191.920	---	---
	Ant1	5200	23.440	5187.880	5211.320	---	---
	Ant2	5200	24.960	5186.800	5211.760	---	---
	Ant1	5240	19.920	5230.040	5249.960	---	---
	Ant2	5240	19.800	5230.040	5249.840	---	---
	Ant1	5260	23.160	5248.240	5271.400	---	---
	Ant2	5260	22.400	5249.040	5271.440	---	---
	Ant1	5280	24.680	5267.360	5292.040	---	---
	Ant2	5280	23.920	5267.560	5291.480	---	---
	Ant1	5320	24.720	5307.400	5332.120	---	---
	Ant2	5320	22.800	5308.720	5331.520	---	---
	Ant1	5500	25.080	5487.400	5512.480	---	---
	Ant2	5500	23.160	5489.120	5512.280	---	---
	Ant1	5580	25.400	5567.520	5592.920	---	---
	Ant2	5580	22.240	5568.400	5590.640	---	---
	Ant1	5700	24.920	5687.880	5712.800	---	---
	Ant2	5700	23.400	5688.960	5712.360	---	---
	Ant1	5720	24.400	5707.600	5732.000	---	---
	Ant2	5720	22.520	5708.640	5731.160	---	---
	Ant1	5720_UNII-2C	17.4	5707.600	5725	---	---
	Ant2	5720_UNII-2C	16.36	5708.640	5725	---	---
	Ant1	5720_UNII-3	7	5725	5732.000	---	---
	Ant2	5720_UNII-3	6.16	5725	5731.160	---	---
	Ant1	5745	24.600	5732.560	5757.160	---	---
	Ant2	5745	22.320	5733.440	5755.760	---	---
	Ant1	5785	24.640	5772.480	5797.120	---	---
	Ant2	5785	24.160	5773.040	5797.200	---	---
	Ant1	5825	25.640	5812.360	5838.000	---	---
	Ant2	5825	23.440	5813.920	5837.360	---	---
11AC40MIMO	Ant1	5190	39.680	5170.240	5209.920	---	---
	Ant2	5190	39.200	5170.320	5209.520	---	---
	Ant1	5230	39.920	5210.080	5250.000	---	---
	Ant2	5230	38.720	5210.800	5249.520	---	---
	Ant1	5270	39.280	5250.400	5289.680	---	---
	Ant2	5270	38.560	5250.480	5289.040	---	---
	Ant1	5310	40.000	5290.000	5330.000	---	---
	Ant2	5310	38.160	5290.800	5328.960	---	---
	Ant1	5510	39.680	5490.160	5529.840	---	---
	Ant2	5510	38.480	5490.800	5529.280	---	---
	Ant1	5550	39.040	5530.640	5569.680	---	---
	Ant2	5550	39.200	5530.400	5569.600	---	---

	Ant1	5670	39.920	5649.680	5689.600	---	---
	Ant2	5670	39.440	5649.920	5689.360	---	---
	Ant1	5710	39.440	5690.400	5729.840	---	---
	Ant2	5710	39.120	5690.400	5729.520	---	---
	Ant1	5710_UNII-2C	34.6	5690.400	5725	---	---
	Ant2	5710_UNII-2C	34.6	5690.400	5725	---	---
	Ant1	5710_UNII-3	4.84	5725	5729.840	---	---
	Ant2	5710_UNII-3	4.52	5725	5729.520	---	---
	Ant1	5755	39.680	5735.080	5774.760	---	---
	Ant2	5755	39.120	5735.560	5774.680	---	---
	Ant1	5795	39.120	5775.560	5814.680	---	---
	Ant2	5795	38.480	5775.320	5813.800	---	---
11AC80MIMO	Ant1	5210	79.680	5170.320	5250.000	---	---
	Ant2	5210	79.040	5170.320	5249.360	---	---
	Ant1	5290	80.320	5249.840	5330.160	---	---
	Ant2	5290	79.040	5250.480	5329.520	---	---
	Ant1	5530	79.680	5490.160	5569.840	---	---
	Ant2	5530	79.200	5490.320	5569.520	---	---
	Ant1	5610	80.160	5569.680	5649.840	---	---
	Ant2	5610	79.360	5570.320	5649.680	---	---
	Ant1	5690	80.320	5649.840	5730.160	---	---
	Ant2	5690	78.880	5650.480	5729.360	---	---
	Ant1	5690_UNII-2C	75.16	5649.840	5725	---	---
	Ant2	5690_UNII-2C	74.52	5650.480	5725	---	---
	Ant1	5690_UNII-3	5.16	5725	5730.160	---	---
	Ant2	5690_UNII-3	4.36	5725	5729.360	---	---
	Ant1	5775	79.360	5735.320	5814.680	---	---
	Ant2	5775	78.240	5735.800	5814.040	---	---
11AX20MIMO	Ant1	5180	21.480	5169.280	5190.760	---	---
	Ant2	5180	21.280	5169.480	5190.760	---	---
	Ant1	5200	21.880	5189.000	5210.880	---	---
	Ant2	5200	21.440	5189.080	5210.520	---	---
	Ant1	5240	19.720	5230.000	5249.720	---	---
	Ant2	5240	19.800	5230.040	5249.840	---	---
	Ant1	5260	21.200	5249.520	5270.720	---	---
	Ant2	5260	21.680	5249.360	5271.040	---	---
	Ant1	5280	23.560	5269.360	5292.920	---	---
	Ant2	5280	21.040	5269.400	5290.440	---	---
	Ant1	5320	21.000	5309.600	5330.600	---	---
	Ant2	5320	21.720	5309.080	5330.800	---	---
	Ant1	5500	21.160	5489.400	5510.560	---	---
	Ant2	5500	21.440	5489.480	5510.920	---	---
	Ant1	5580	21.120	5569.480	5590.600	---	---
	Ant2	5580	21.440	5569.280	5590.720	---	---
	Ant1	5700	21.680	5689.000	5710.680	---	---
	Ant2	5700	21.400	5689.400	5710.800	---	---
	Ant1	5720	22.160	5709.200	5731.360	---	---
	Ant2	5720	21.320	5709.560	5730.880	---	---
	Ant1	5720_UNII-2C	15.8	5709.200	5725	---	---
	Ant2	5720_UNII-2C	15.44	5709.560	5725	---	---
	Ant1	5720_UNII-3	6.36	5725	5731.360	---	---
	Ant2	5720_UNII-3	5.88	5725	5730.880	---	---
	Ant1	5745	24.160	5733.800	5757.960	---	---
	Ant2	5745	20.960	5734.200	5755.160	---	---
	Ant1	5785	23.880	5771.840	5795.720	---	---
	Ant2	5785	21.560	5774.240	5795.800	---	---
	Ant1	5825	21.080	5814.240	5835.320	---	---
	Ant2	5825	22.600	5812.960	5835.560	---	---
11AX40MIMO	Ant1	5190	39.600	5170.000	5209.600	---	---
	Ant2	5190	40.320	5169.280	5209.600	---	---
	Ant1	5230	39.200	5210.400	5249.600	---	---
	Ant2	5230	39.840	5210.320	5250.160	---	---
	Ant1	5270	39.680	5250.240	5289.920	---	---
	Ant2	5270	39.280	5250.240	5289.520	---	---
	Ant1	5310	40.160	5290.240	5330.400	---	---
	Ant2	5310	40.560	5290.240	5330.800	---	---
	Ant1	5510	41.120	5490.160	5531.280	---	---

	Ant2	5510	38.880	5490.560	5529.440	---	---
	Ant1	5550	39.040	5530.400	5569.440	---	---
	Ant2	5550	41.760	5528.560	5570.320	---	---
	Ant1	5670	40.000	5650.240	5690.240	---	---
	Ant2	5670	39.920	5649.840	5689.760	---	---
	Ant1	5710	40.160	5689.680	5729.840	---	---
	Ant2	5710	39.600	5690.400	5730.000	---	---
	Ant1	5710_UNII-2C	35.32	5689.680	5725	---	---
	Ant2	5710_UNII-2C	34.6	5690.400	5725	---	---
	Ant1	5710_UNII-3	4.84	5725	5729.840	---	---
	Ant2	5710_UNII-3	5	5725	5730.000	---	---
	Ant1	5755	39.440	5735.160	5774.600	---	---
	Ant2	5755	40.480	5735.240	5775.720	---	---
	Ant1	5795	39.680	5774.920	5814.600	---	---
	Ant2	5795	39.200	5775.160	5814.360	---	---
11AX80MIMO	Ant1	5210	82.560	5169.680	5252.240	---	---
	Ant2	5210	83.520	5169.200	5252.720	---	---
	Ant1	5290	84.640	5249.840	5334.480	---	---
	Ant2	5290	81.760	5249.040	5330.800	---	---
	Ant1	5530	83.840	5489.680	5573.520	---	---
	Ant2	5530	80.960	5489.840	5570.800	---	---
	Ant1	5610	82.720	5569.840	5652.560	---	---
	Ant2	5610	85.920	5567.120	5653.040	---	---
	Ant1	5690	82.240	5650.000	5732.240	---	---
	Ant2	5690	83.360	5649.360	5732.720	---	---
	Ant1	5690_UNII-2C	75	5650.000	5725	---	---
	Ant2	5690_UNII-2C	75.64	5649.360	5725	---	---
	Ant1	5690_UNII-3	7.24	5725	5732.240	---	---
	Ant2	5690_UNII-3	7.72	5725	5732.720	---	---
	Ant1	5775	82.720	5735.000	5817.720	---	---
	Ant2	5775	80.160	5734.680	5814.840	---	---

Note: Offset=cable loss + Test system insertion loss

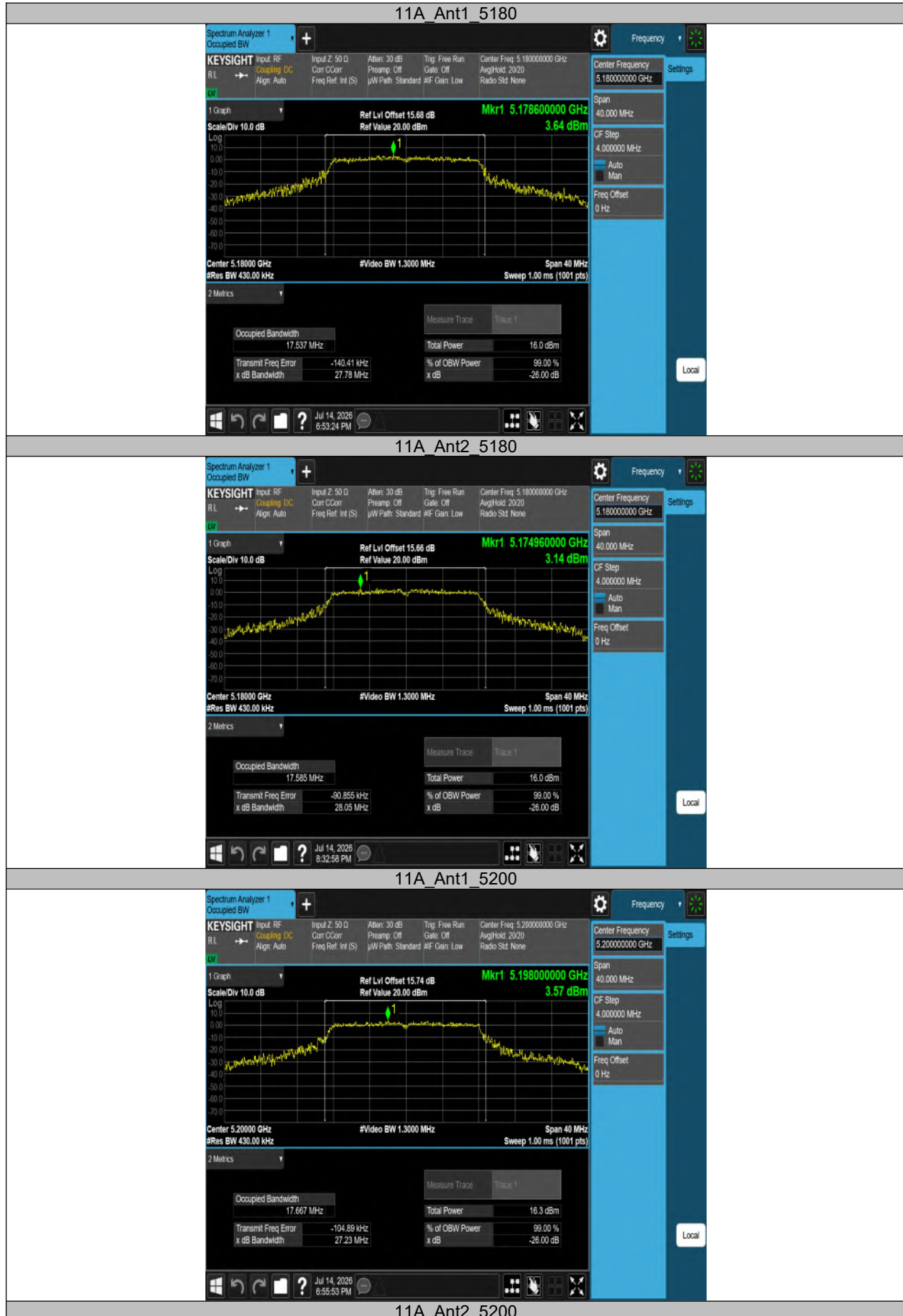
Test Mode	Ant.	Freq. (MHz)	6dB EBW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5720	18.520	5710.680	5729.200	---	---
	Ant2	5720	16.320	5711.800	5728.120	---	---
	Ant1	5720_UNII-2C	14.32	5710.680	5725	---	---
	Ant2	5720_UNII-2C	13.2	5711.800	5725	---	---
	Ant1	5720_UNII-3	4.2	5725	5729.200	0.5	PASS
	Ant2	5720_UNII-3	3.12	5725	5728.120	0.5	PASS
	Ant1	5745	18.680	5735.440	5754.120	0.5	PASS
	Ant2	5745	16.280	5736.800	5753.080	0.5	PASS
	Ant1	5785	18.400	5775.960	5794.360	0.5	PASS
	Ant2	5785	16.280	5776.800	5793.080	0.5	PASS
	Ant1	5825	18.680	5815.480	5834.160	0.5	PASS
	Ant2	5825	16.040	5816.800	5832.840	0.5	PASS
11N20MIMO	Ant1	5720	16.400	5711.440	5727.840	---	---
	Ant2	5720	16.960	5711.160	5728.120	---	---
	Ant1	5720_UNII-2C	13.56	5711.440	5725	---	---
	Ant2	5720_UNII-2C	13.84	5711.160	5725	---	---
	Ant1	5720_UNII-3	2.84	5725	5727.840	0.5	PASS
	Ant2	5720_UNII-3	3.12	5725	5728.120	0.5	PASS
	Ant1	5745	17.560	5736.160	5753.720	0.5	PASS
	Ant2	5745	17.560	5736.160	5753.720	0.5	PASS
	Ant1	5785	17.320	5776.400	5793.720	0.5	PASS
	Ant2	5785	17.560	5776.160	5793.720	0.5	PASS
	Ant1	5825	16.440	5817.040	5833.480	0.5	PASS
	Ant2	5825	16.960	5816.760	5833.720	0.5	PASS
11N40MIMO	Ant1	5710	30.160	5693.600	5723.760	---	---
	Ant2	5710	26.320	5698.640	5724.960	---	---
	Ant1	5710_UNII-2C	31.4	5693.600	5725	---	---
	Ant2	5710_UNII-2C	26.36	5698.640	5725	---	---
	Ant1	5710_UNII-3	-1.24	5725	5723.760	0.5	PASS
	Ant2	5710_UNII-3	-0.04	5725	5724.960	0.5	PASS
	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS

	Ant2	5755	33.760	5738.680	5772.440	0.5	PASS
	Ant1	5795	31.360	5781.160	5812.520	0.5	PASS
	Ant2	5795	23.840	5779.880	5803.720	0.5	PASS
11AC20MIMO	Ant1	5720	17.560	5711.160	5728.720	---	---
	Ant2	5720	17.160	5711.160	5728.320	---	---
	Ant1	5720_UNII-2C	13.84	5711.160	5725	---	---
	Ant2	5720_UNII-2C	13.84	5711.160	5725	---	---
	Ant1	5720_UNII-3	3.72	5725	5728.720	0.5	PASS
	Ant2	5720_UNII-3	3.32	5725	5728.320	0.5	PASS
	Ant1	5745	16.880	5736.560	5753.440	0.5	PASS
	Ant2	5745	17.560	5736.160	5753.720	0.5	PASS
	Ant1	5785	15.760	5777.080	5792.840	0.5	PASS
	Ant2	5785	17.560	5776.160	5793.720	0.5	PASS
	Ant1	5825	16.040	5816.440	5832.480	0.5	PASS
	Ant2	5825	16.280	5817.440	5833.720	0.5	PASS
11AC40MIMO	Ant1	5710	35.040	5692.400	5727.440	---	---
	Ant2	5710	26.880	5700.560	5727.440	---	---
	Ant1	5710_UNII-2C	32.6	5692.400	5725	---	---
	Ant2	5710_UNII-2C	24.44	5700.560	5725	---	---
	Ant1	5710_UNII-3	2.44	5725	5727.440	0.5	PASS
	Ant2	5710_UNII-3	2.44	5725	5727.440	0.5	PASS
	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
	Ant2	5755	35.680	5737.400	5773.080	0.5	PASS
	Ant1	5795	33.840	5777.400	5811.240	0.5	PASS
11AC80MIMO	Ant2	5795	27.520	5778.680	5806.200	0.5	PASS
	Ant1	5690	75.040	5652.400	5727.440	---	---
	Ant2	5690	76.320	5651.120	5727.440	---	---
	Ant1	5690_UNII-2C	72.6	5652.400	5725	---	---
	Ant2	5690_UNII-2C	73.88	5651.120	5725	---	---
	Ant1	5690_UNII-3	2.44	5725	5727.440	0.5	PASS
	Ant2	5690_UNII-3	2.44	5725	5727.440	0.5	PASS
	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
	Ant2	5775	69.920	5739.960	5809.880	0.5	PASS
11AX20MIMO	Ant1	5720	18.240	5710.920	5729.160	---	---
	Ant2	5720	18.240	5710.640	5728.880	---	---
	Ant1	5720_UNII-2C	14.08	5710.920	5725	---	---
	Ant2	5720_UNII-2C	14.36	5710.640	5725	---	---
	Ant1	5720_UNII-3	4.16	5725	5729.160	0.5	PASS
	Ant2	5720_UNII-3	3.88	5725	5728.880	0.5	PASS
	Ant1	5745	18.280	5735.480	5753.760	0.5	PASS
	Ant2	5745	17.720	5736.320	5754.040	0.5	PASS
	Ant1	5785	18.720	5775.680	5794.400	0.5	PASS
	Ant2	5785	18.120	5775.840	5793.960	0.5	PASS
	Ant1	5825	18.560	5815.520	5834.080	0.5	PASS
	Ant2	5825	17.720	5816.640	5834.360	0.5	PASS
11AX40MIMO	Ant1	5710	35.120	5692.400	5727.520	---	---
	Ant2	5710	32.480	5694.960	5727.440	---	---
	Ant1	5710_UNII-2C	32.6	5692.400	5725	---	---
	Ant2	5710_UNII-2C	30.04	5694.960	5725	---	---
	Ant1	5710_UNII-3	2.52	5725	5727.520	0.5	PASS
	Ant2	5710_UNII-3	2.44	5725	5727.440	0.5	PASS
	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant2	5755	36.400	5737.400	5773.800	0.5	PASS
	Ant1	5795	35.120	5777.400	5812.520	0.5	PASS
11AX80MIMO	Ant2	5795	32.560	5777.400	5809.960	0.5	PASS
	Ant1	5690	75.040	5652.400	5727.440	---	---
	Ant2	5690	76.320	5651.120	5727.440	---	---
	Ant1	5690_UNII-2C	72.6	5652.400	5725	---	---
	Ant2	5690_UNII-2C	73.88	5651.120	5725	---	---
	Ant1	5690_UNII-3	2.44	5725	5727.440	0.5	PASS
	Ant2	5690_UNII-3	2.44	5725	5727.440	0.5	PASS
	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
	Ant2	5775	70.080	5739.960	5810.040	0.5	PASS

Note: Offset=cable loss + Test system insertion loss

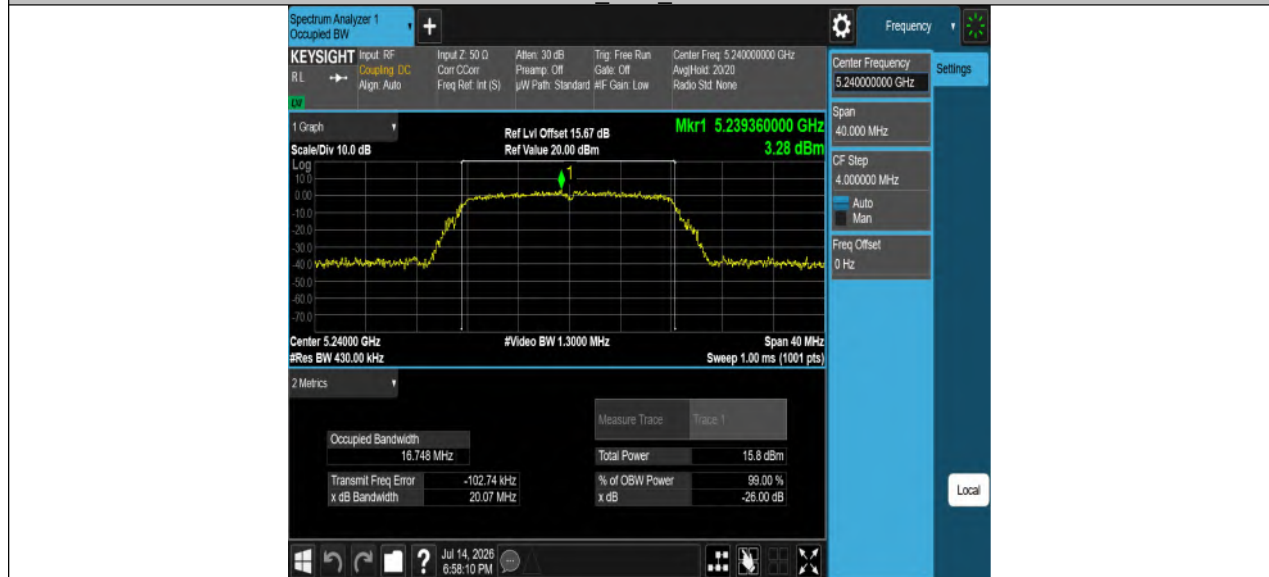
9.5. Original Test Data

99% Bandwidth:

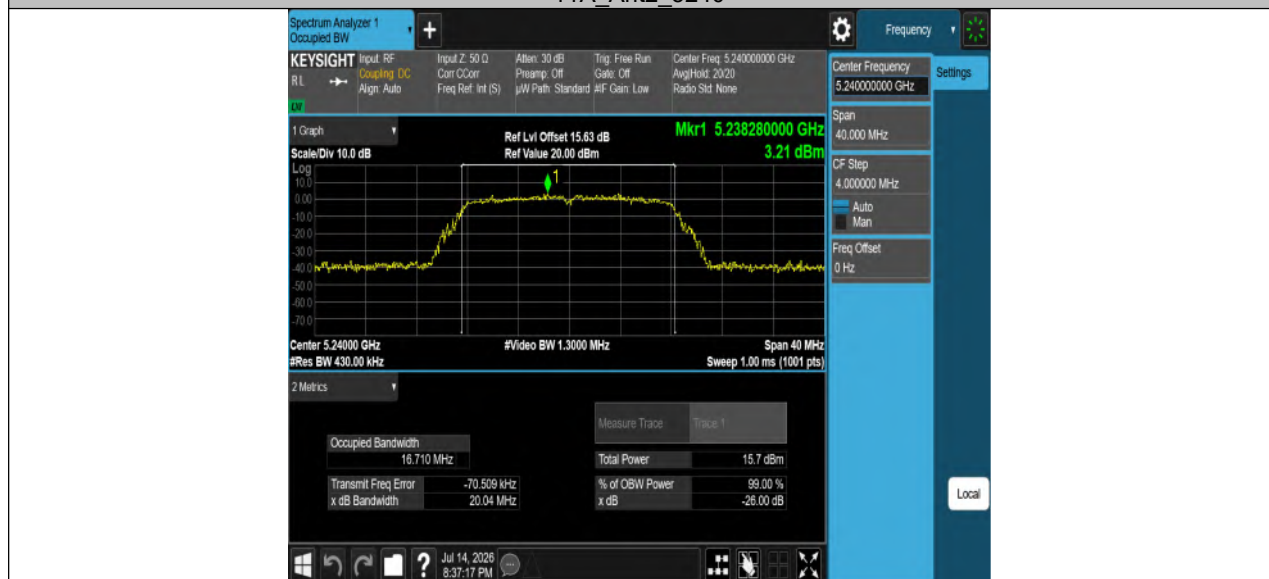




11A_Ant1_5240



11A_Ant2_5240



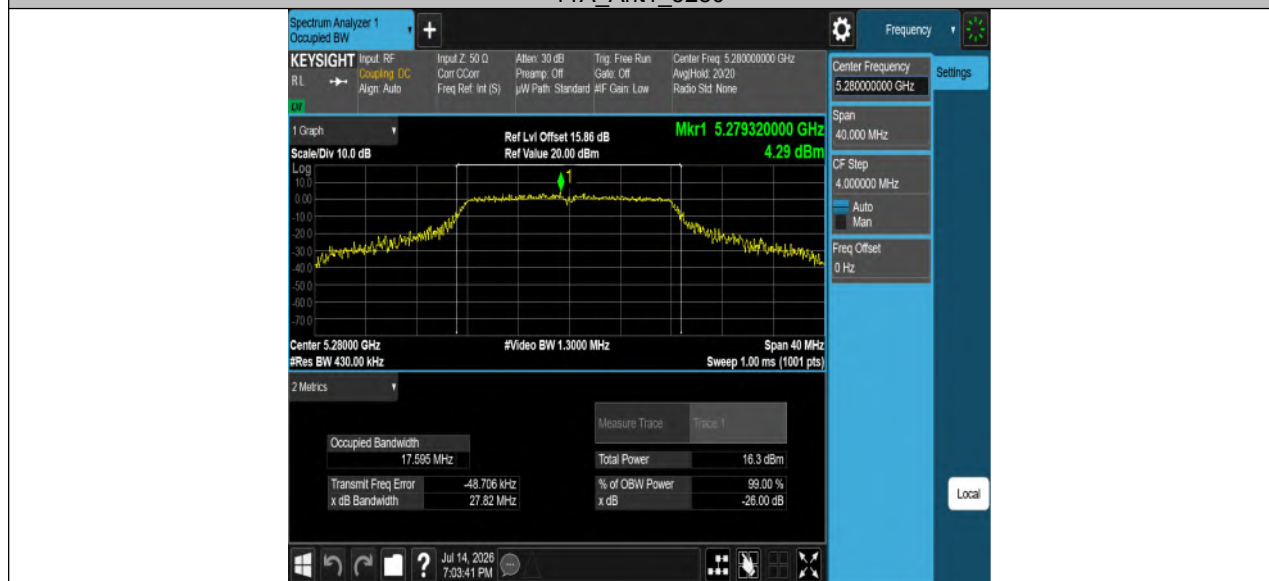
11A_Ant1_5260



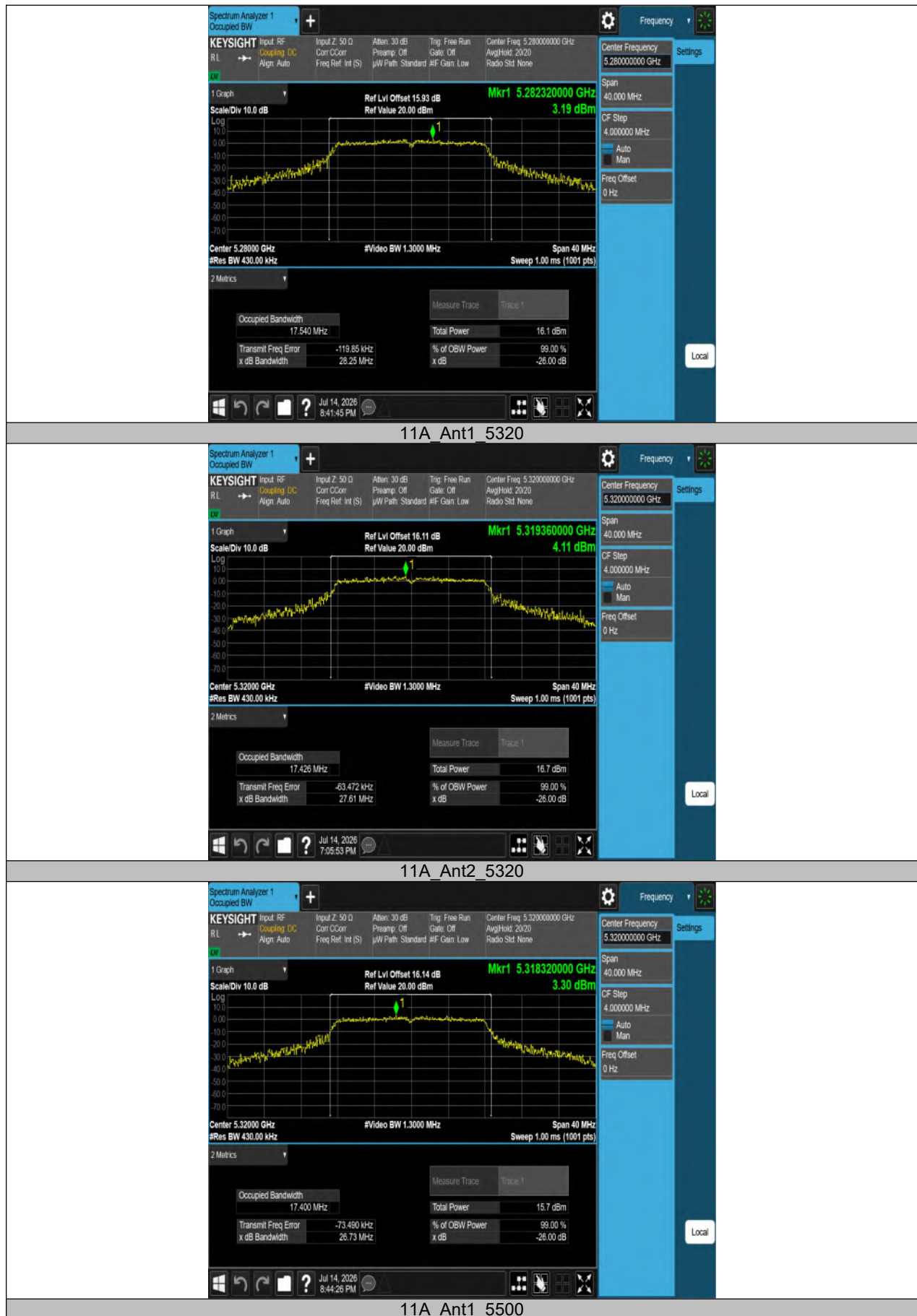
11A_Ant2_5260



11A_Ant1_5280



11A_Ant2_5280

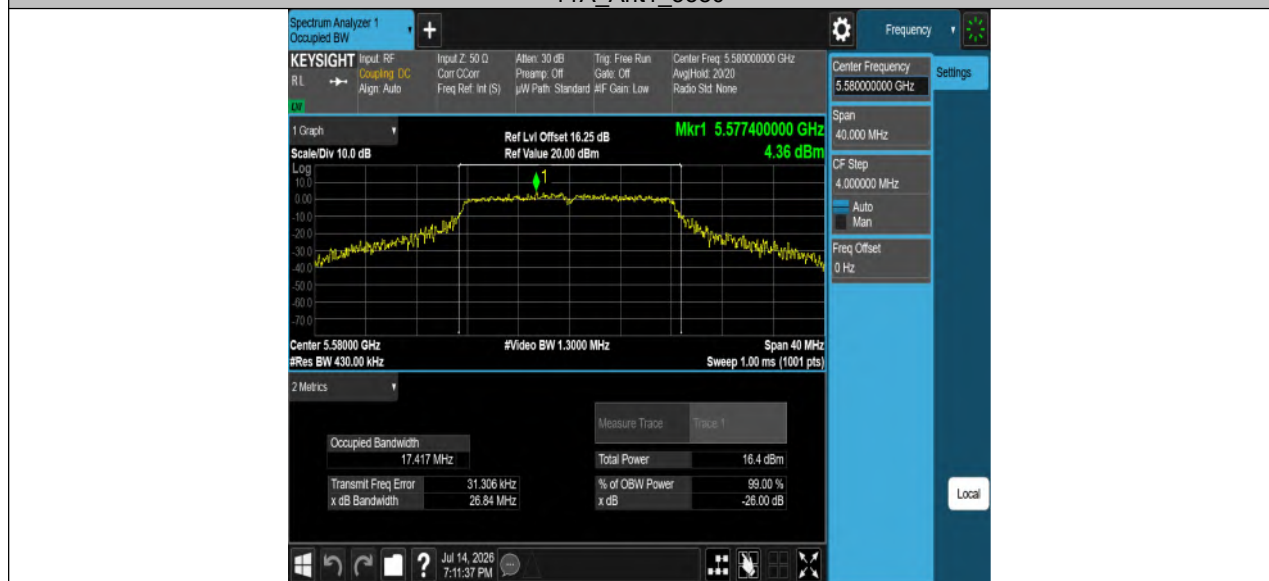




11A_Ant2_5500



11A_Ant1_5580



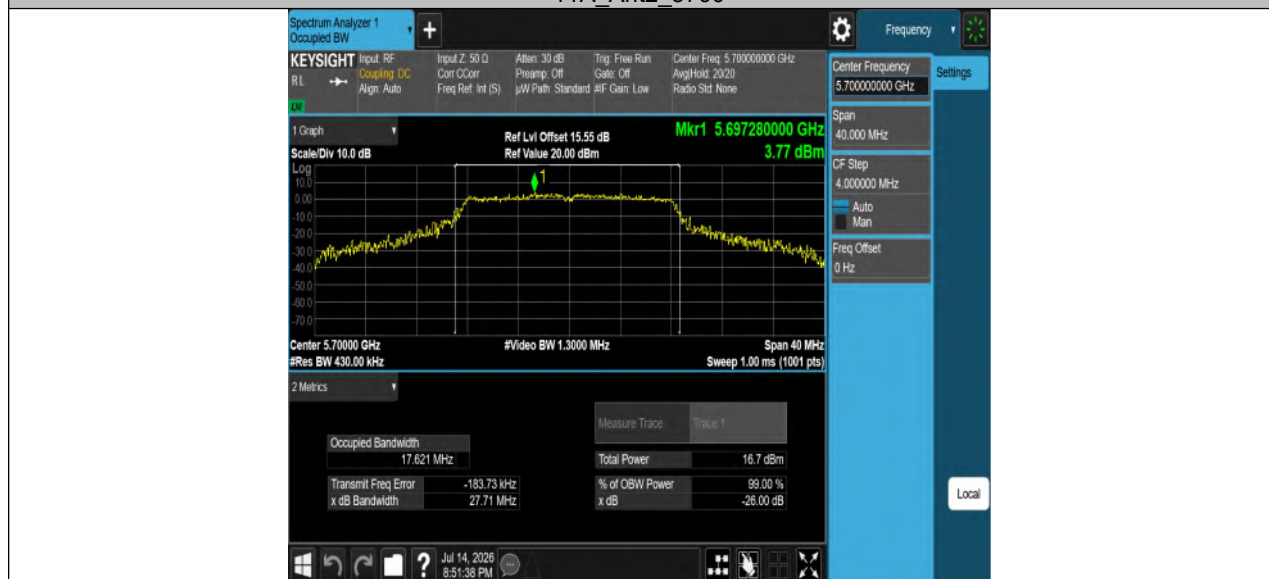
11A_Ant2_5580



11A_Ant1_5700



11A_Ant2_5700



11A_Ant1_5720



11A_Ant2_5720



11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



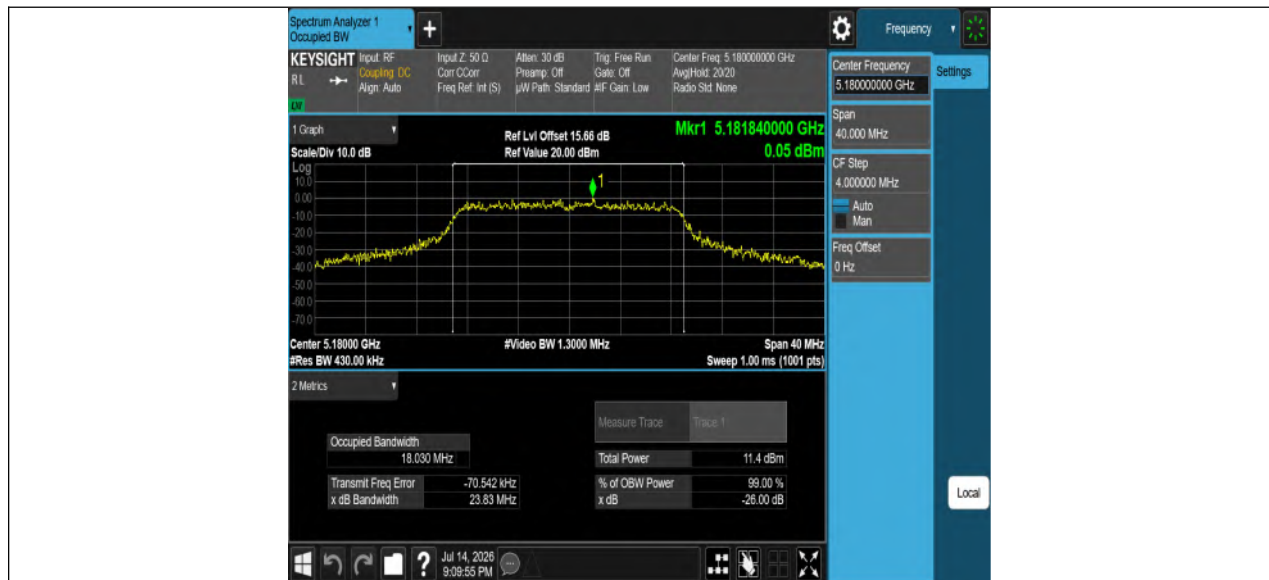
11A_Ant2_5825



11N20MIMO_Ant1_5180



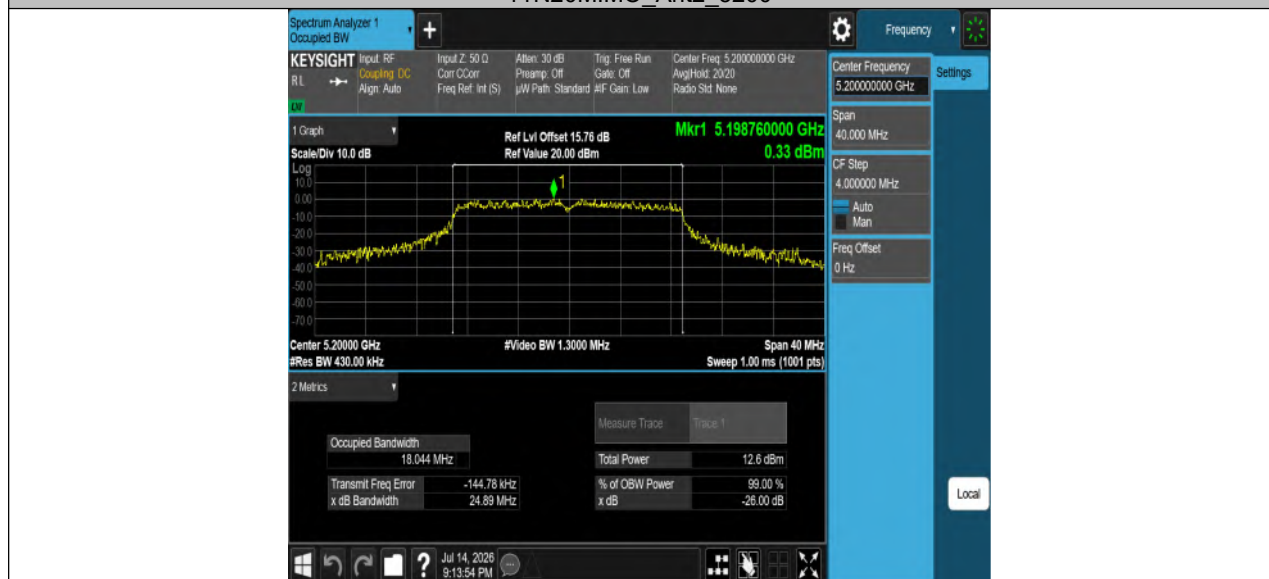
11N20MIMO_Ant2_5180



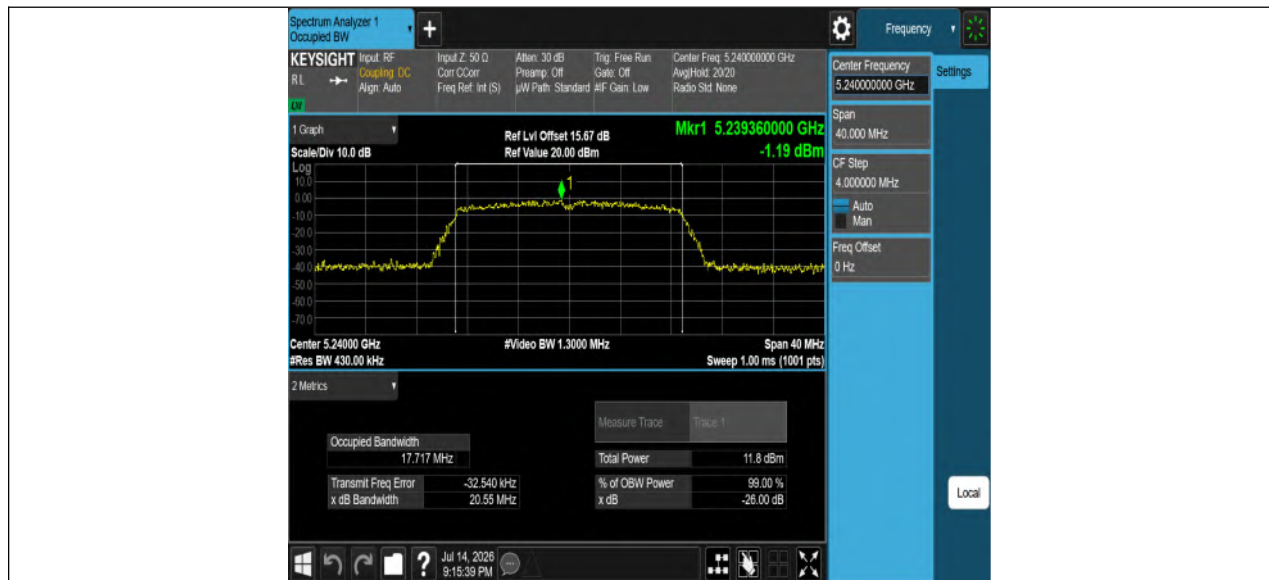
11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



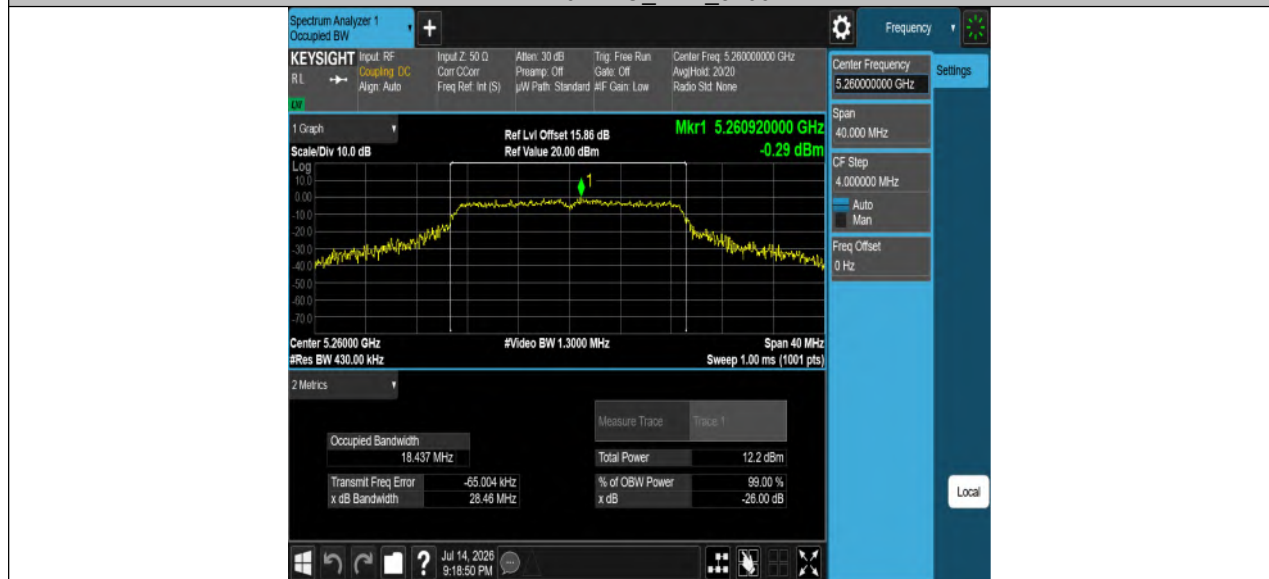
11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260





11N20MIMO_Ant2_5320

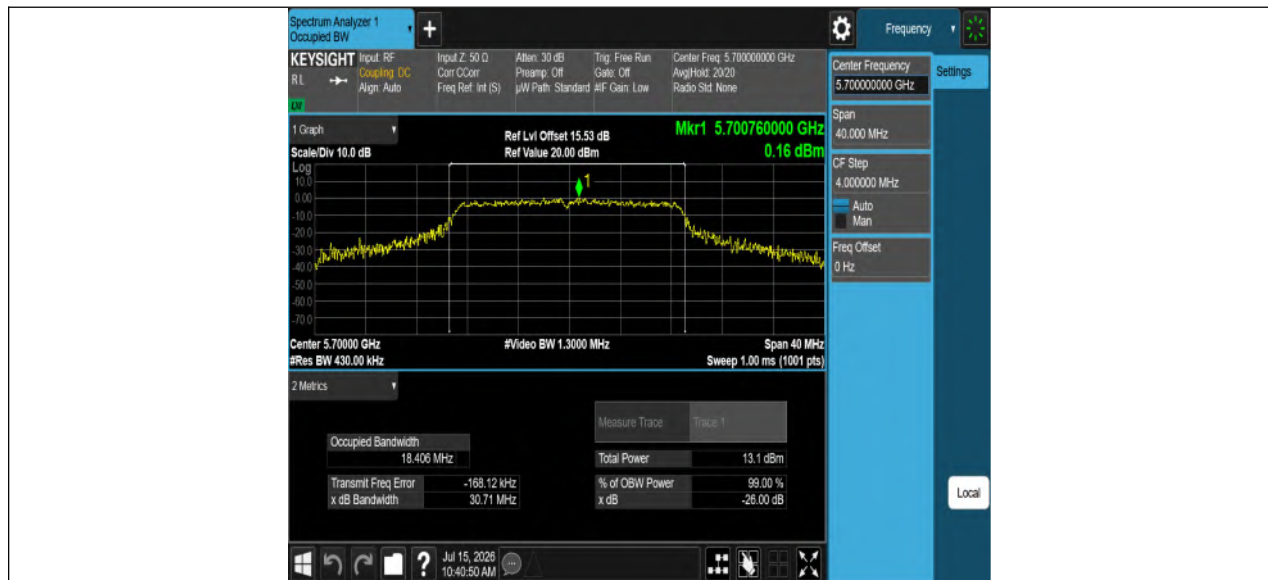


11N20MIMO_Ant1_5500



11N20MIMO_Ant2_5500





11N20MIMO_Ant2_5700



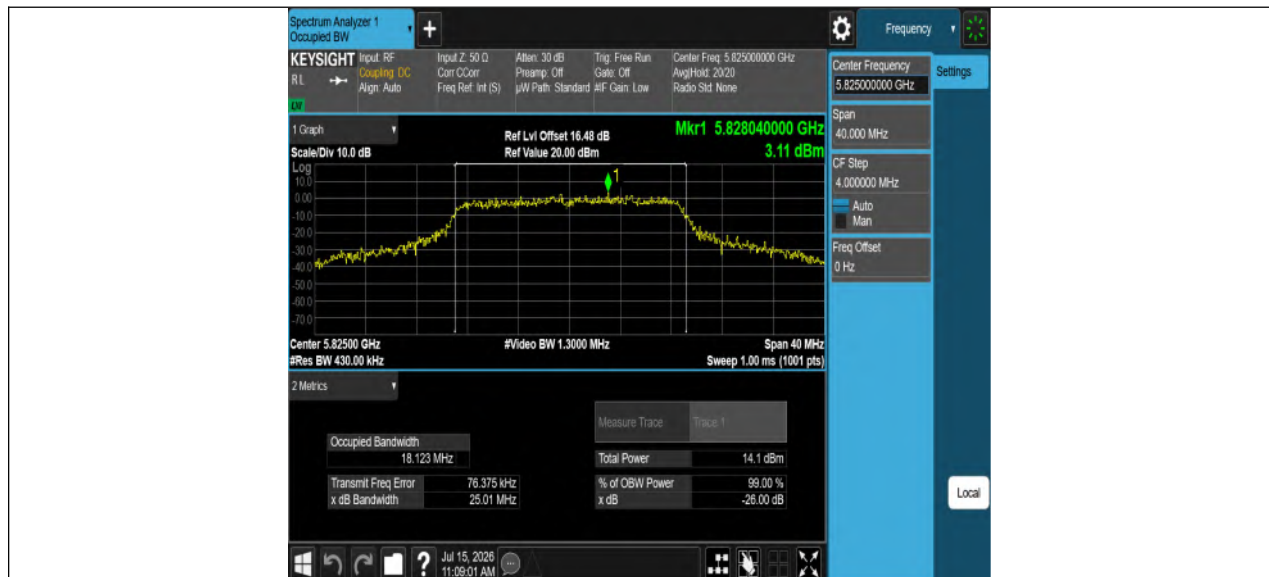
11N20MIMO_Ant1_5720



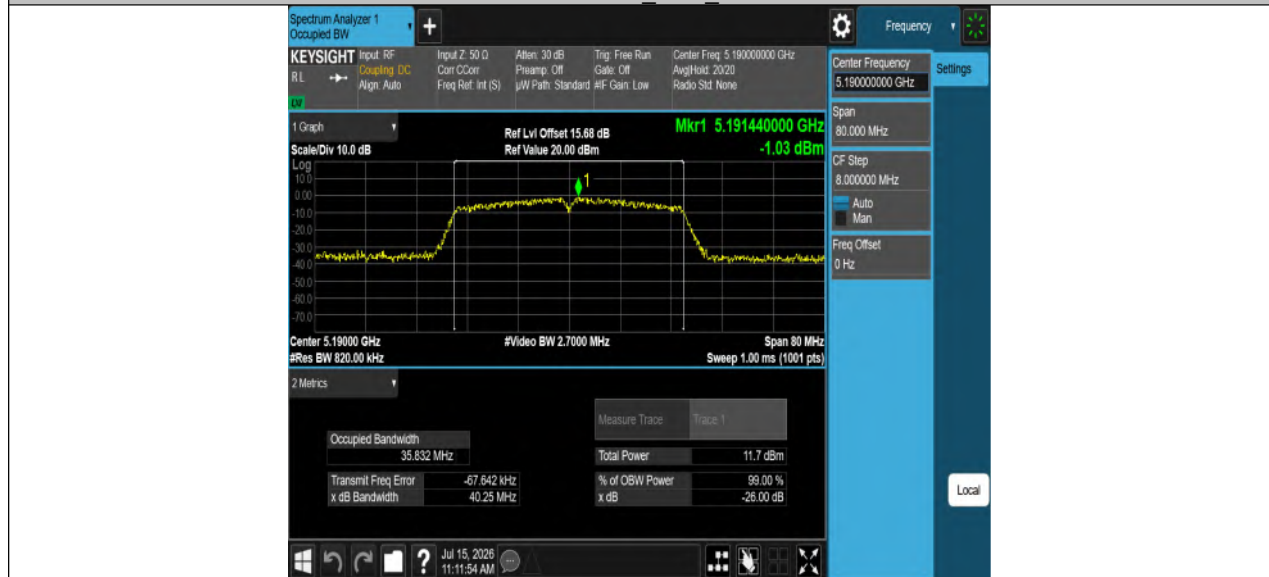
11N20MIMO_Ant2_5720



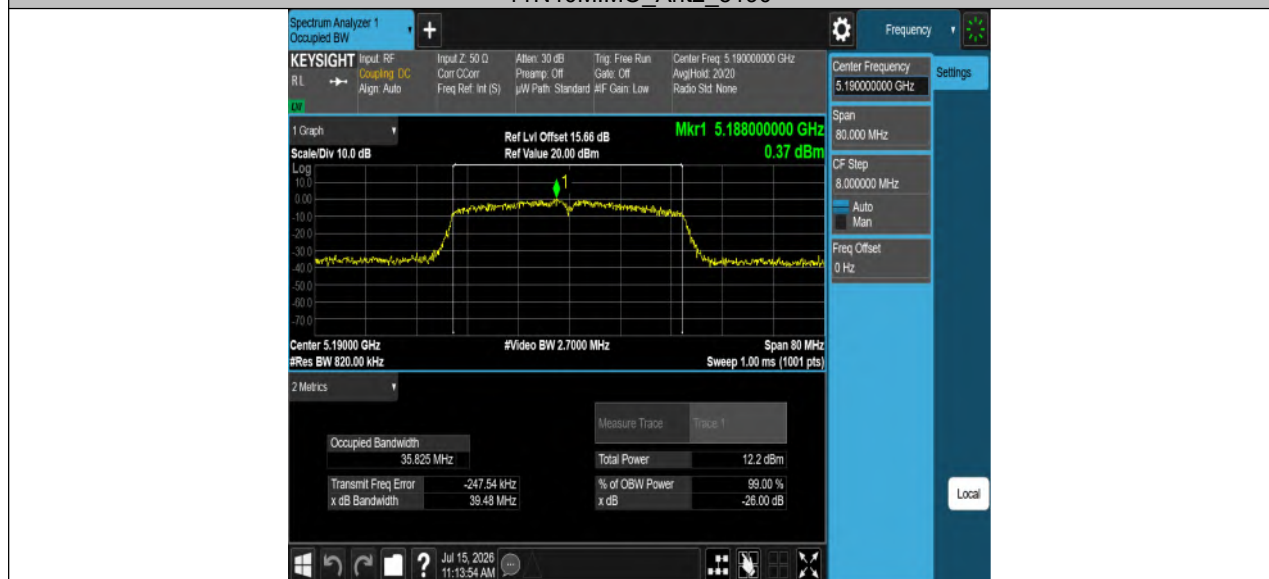




11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230