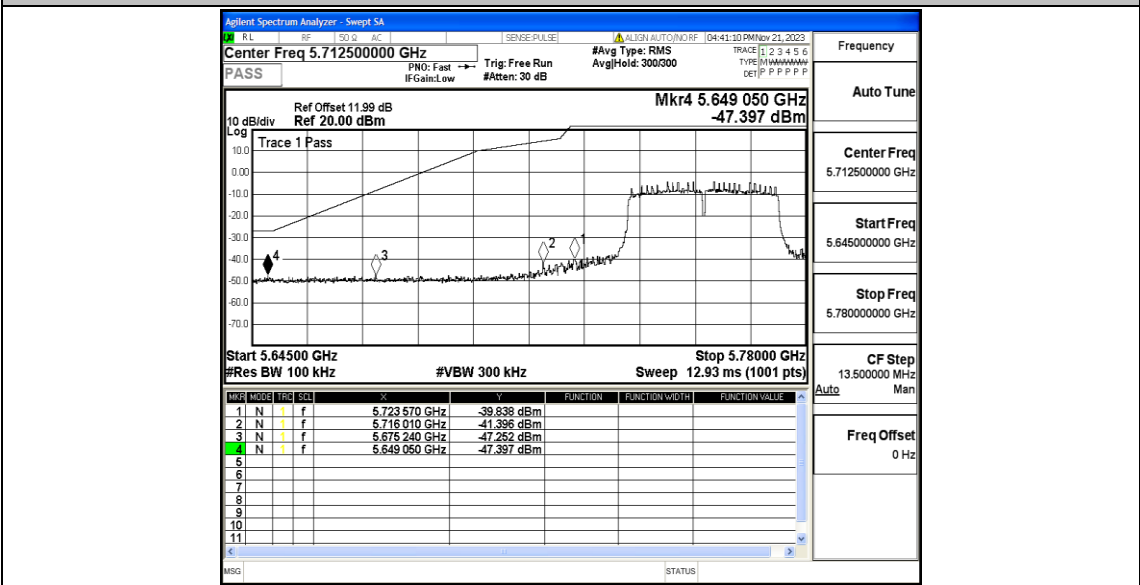
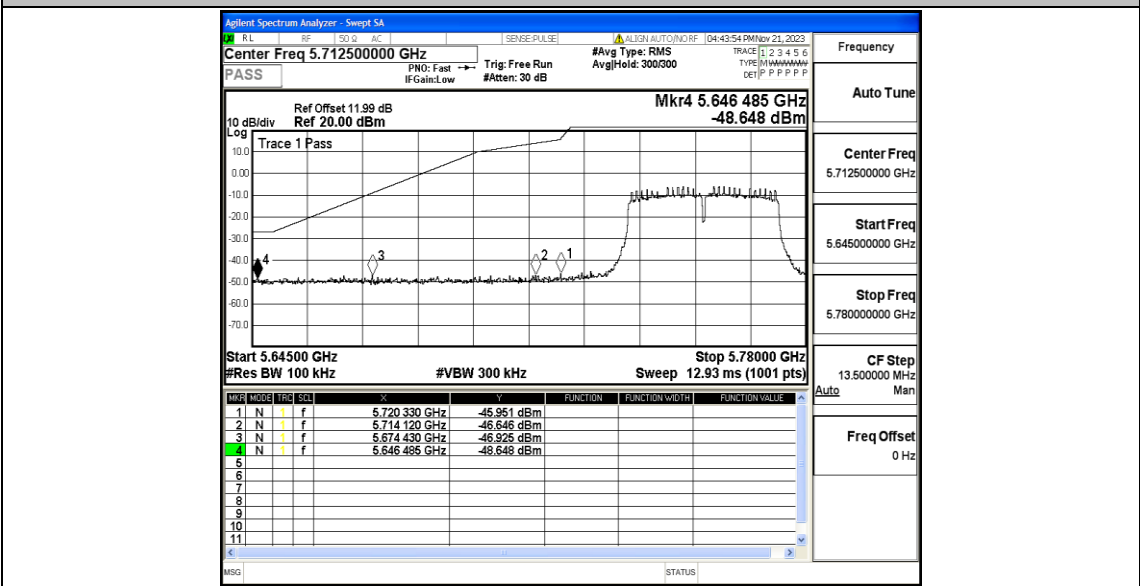


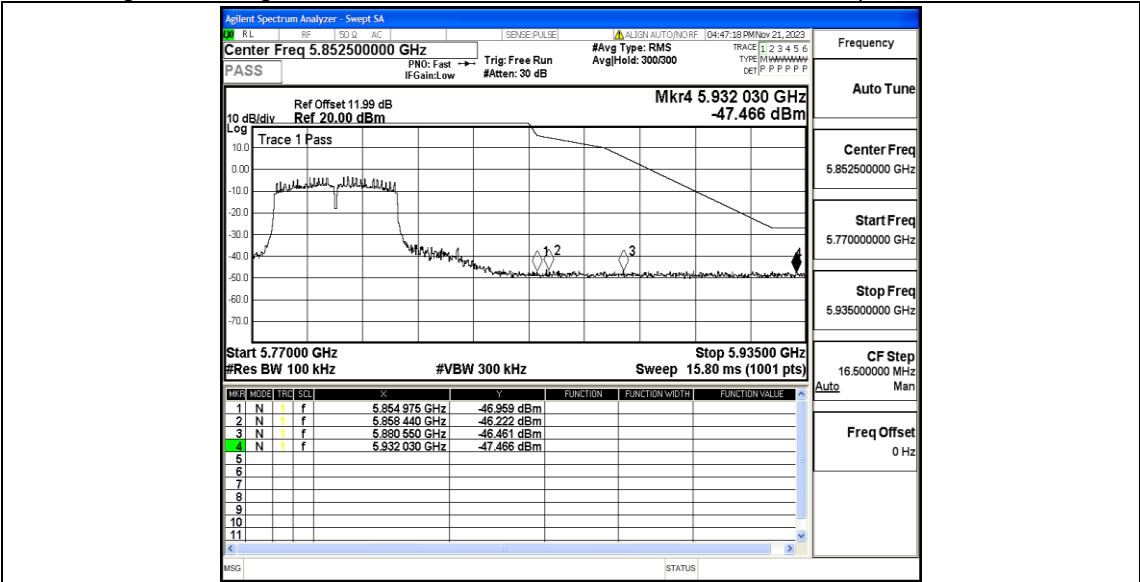
11AC40MIMO\_Ant1\_Low\_5755



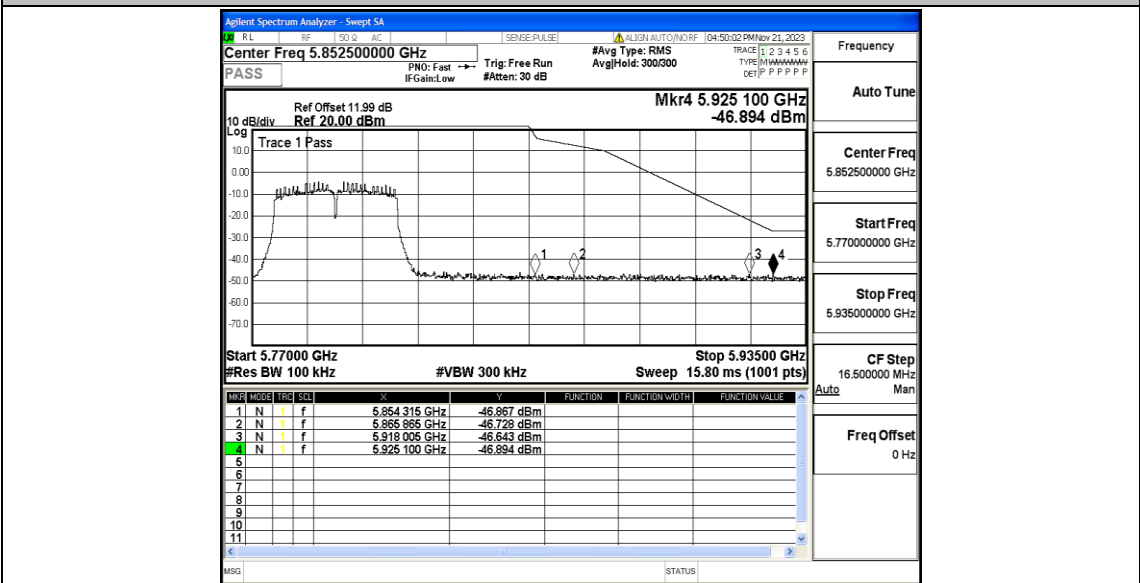
11AC40MIMO\_Ant2\_Low\_5755



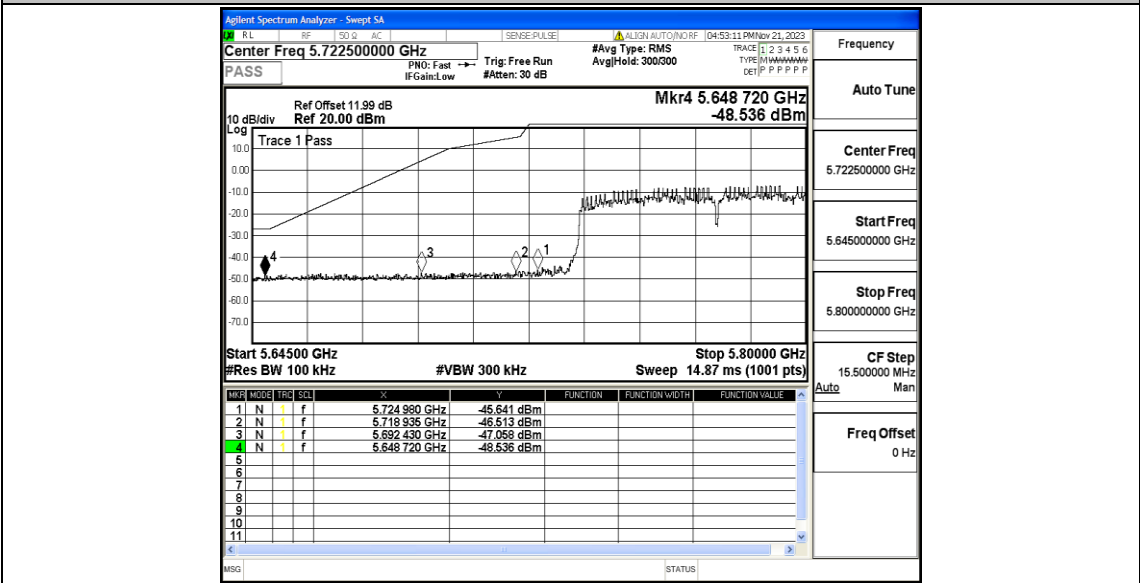
11AC40MIMO\_Ant1\_High\_5795



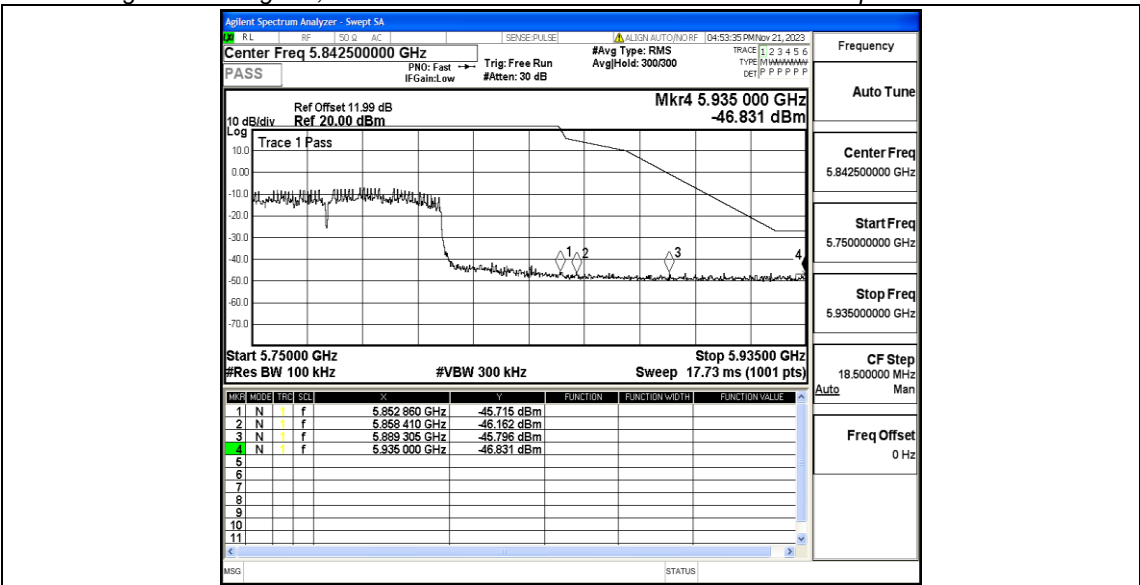
11AC40MIMO\_Ant2\_High\_5795



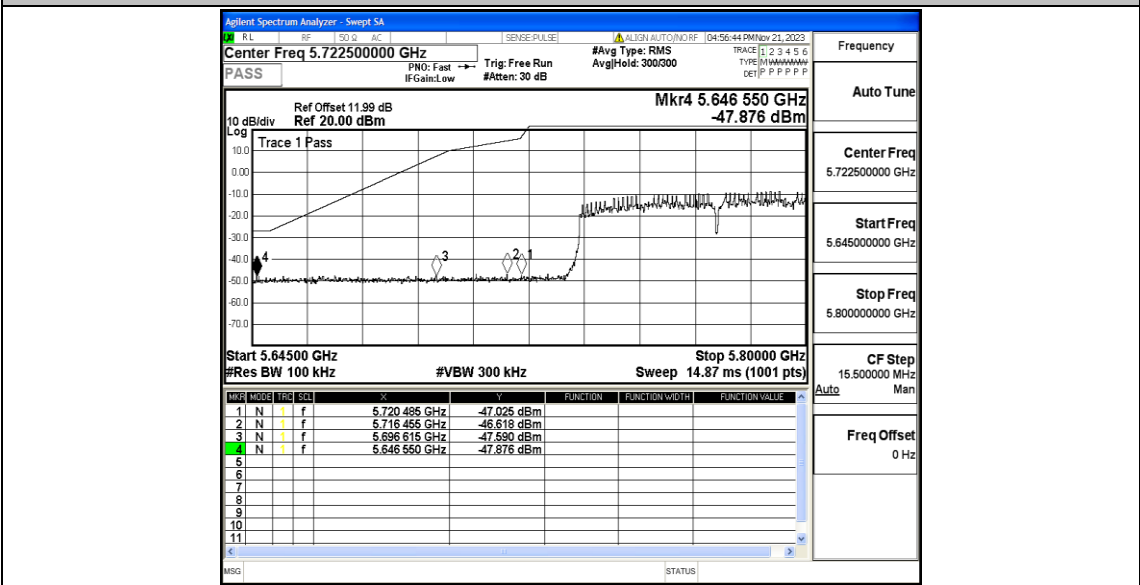
11AC80MIMO\_Ant1\_Low\_5775



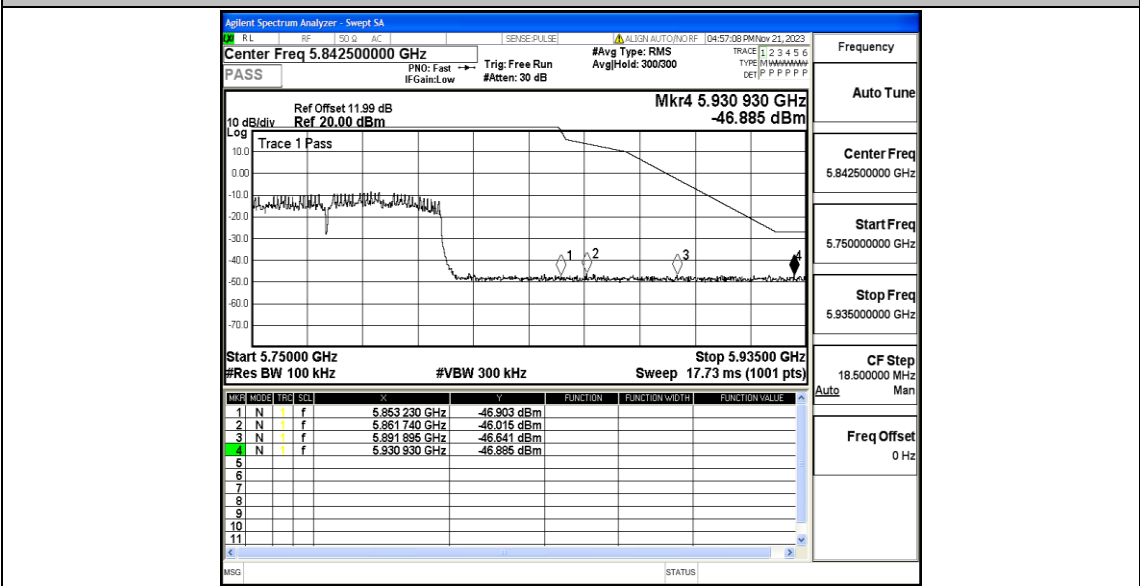
11AC80MIMO\_Ant1\_High\_5775



11AC80MIMO\_Ant2\_Low\_5775



11AC80MIMO\_Ant2\_High\_5775



## Appendix E: Frequency Stability

### Test Result

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5744.950524	5150 – 5250	PASS
5745	20	108	5745.074266	5150 – 5250	PASS
5745	50	120	5745.092159	5150 – 5250	PASS
5745	40	120	5744.995874	5150 – 5250	PASS
5745	30	120	5744.922034	5150 – 5250	PASS
5745	20	120	5744.912409	5150 – 5250	PASS
5745	10	120	5744.937208	5150 – 5250	PASS
5745	0	120	5745.047779	5150 – 5250	PASS
5745	-10	120	5745.064492	5150 – 5250	PASS
5745	-20	120	5744.903901	5150 – 5250	PASS
5745	-30	120	5745.071346	5150 – 5250	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5745	20	132	5745.005716	5150 – 5250	PASS
5745	20	108	5745.017521	5150 – 5250	PASS
5745	50	120	5745.041481	5150 – 5250	PASS
5745	40	120	5745.062278	5150 – 5250	PASS
5745	30	120	5745.000135	5150 – 5250	PASS
5745	20	120	5745.037080	5150 – 5250	PASS
5745	10	120	5745.034596	5150 – 5250	PASS
5745	0	120	5744.950615	5150 – 5250	PASS
5745	-10	120	5744.914026	5150 – 5250	PASS
5745	-20	120	5744.986704	5150 – 5250	PASS
5745	-30	120	5745.072327	5150 – 5250	PASS

## Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5785.019338	5150 – 5250	PASS
5785	20	108	5785.079363	5150 – 5250	PASS
5785	50	120	5785.085329	5150 – 5250	PASS
5785	40	120	5785.060614	5150 – 5250	PASS
5785	30	120	5785.069521	5150 – 5250	PASS
5785	20	120	5784.910691	5150 – 5250	PASS
5785	10	120	5784.937232	5150 – 5250	PASS
5785	0	120	5785.022018	5150 – 5250	PASS
5785	-10	120	5784.953561	5150 – 5250	PASS
5785	-20	120	5784.914430	5150 – 5250	PASS
5785	-30	120	5785.015186	5150 – 5250	PASS

## Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5785	20	132	5785.037791	5150 – 5250	PASS
5785	20	108	5785.078070	5150 – 5250	PASS
5785	50	120	5785.074298	5150 – 5250	PASS
5785	40	120	5784.987880	5150 – 5250	PASS
5785	30	120	5784.992149	5150 – 5250	PASS
5785	20	120	5785.033113	5150 – 5250	PASS
5785	10	120	5784.990527	5150 – 5250	PASS
5785	0	120	5784.929402	5150 – 5250	PASS
5785	-10	120	5784.950092	5150 – 5250	PASS
5785	-20	120	5784.973091	5150 – 5250	PASS
5785	-30	120	5785.002675	5150 – 5250	PASS

## Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5825.090733	5150 – 5250	PASS
5825	20	108	5825.021635	5150 – 5250	PASS
5825	50	120	5825.071835	5150 – 5250	PASS
5825	40	120	5824.951682	5150 – 5250	PASS
5825	30	120	5824.985917	5150 – 5250	PASS
5825	20	120	5825.020273	5150 – 5250	PASS
5825	10	120	5825.071061	5150 – 5250	PASS
5825	0	120	5825.061206	5150 – 5250	PASS
5825	-10	120	5824.920756	5150 – 5250	PASS
5825	-20	120	5825.059945	5150 – 5250	PASS
5825	-30	120	5824.974262	5150 – 5250	PASS

## Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5825	20	132	5825.084418	5150 – 5250	PASS
5825	20	108	5825.020826	5150 – 5250	PASS
5825	50	120	5824.998828	5150 – 5250	PASS
5825	40	120	5824.912509	5150 – 5250	PASS
5825	30	120	5825.084879	5150 – 5250	PASS
5825	20	120	5824.950675	5150 – 5250	PASS
5825	10	120	5824.910659	5150 – 5250	PASS
5825	0	120	5825.046095	5150 – 5250	PASS
5825	-10	120	5824.904826	5150 – 5250	PASS
5825	-20	120	5824.913983	5150 – 5250	PASS
5825	-30	120	5825.056341	5150 – 5250	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5754.939673	5150 – 5250	PASS
5755	20	108	5755.018879	5150 – 5250	PASS
5755	50	120	5755.001494	5150 – 5250	PASS
5755	40	120	5754.924224	5150 – 5250	PASS
5755	30	120	5754.907983	5150 – 5250	PASS
5755	20	120	5754.993007	5150 – 5250	PASS
5755	10	120	5754.940060	5150 – 5250	PASS
5755	0	120	5755.060283	5150 – 5250	PASS
5755	-10	120	5754.979114	5150 – 5250	PASS
5755	-20	120	5754.988497	5150 – 5250	PASS
5755	-30	120	5755.096680	5150 – 5250	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5755	20	132	5755.062719	5150 – 5250	PASS
5755	20	108	5754.921608	5150 – 5250	PASS
5755	50	120	5754.912336	5150 – 5250	PASS
5755	40	120	5754.939929	5150 – 5250	PASS
5755	30	120	5754.991982	5150 – 5250	PASS
5755	20	120	5755.029314	5150 – 5250	PASS
5755	10	120	5755.014285	5150 – 5250	PASS
5755	0	120	5754.912186	5150 – 5250	PASS
5755	-10	120	5754.954036	5150 – 5250	PASS
5755	-20	120	5755.042982	5150 – 5250	PASS
5755	-30	120	5754.954618	5150 – 5250	PASS

Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5795.019249	5150 – 5250	PASS
5795	20	108	5795.069193	5150 – 5250	PASS
5795	50	120	5795.047810	5150 – 5250	PASS
5795	40	120	5795.035731	5150 – 5250	PASS
5795	30	120	5794.963942	5150 – 5250	PASS
5795	20	120	5794.910249	5150 – 5250	PASS
5795	10	120	5795.029771	5150 – 5250	PASS
5795	0	120	5795.039029	5150 – 5250	PASS
5795	-10	120	5795.052915	5150 – 5250	PASS
5795	-20	120	5795.035453	5150 – 5250	PASS
5795	-30	120	5794.981072	5150 – 5250	PASS

Ant2

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	132	5794.995587	5150 – 5250	PASS
5795	20	108	5794.914984	5150 – 5250	PASS
5795	50	120	5794.976399	5150 – 5250	PASS
5795	40	120	5794.952685	5150 – 5250	PASS
5795	30	120	5795.012841	5150 – 5250	PASS
5795	20	120	5794.976631	5150 – 5250	PASS
5795	10	120	5794.993984	5150 – 5250	PASS
5795	0	120	5794.957199	5150 – 5250	PASS
5795	-10	120	5794.950323	5150 – 5250	PASS
5795	-20	120	5795.081369	5150 – 5250	PASS
5795	-30	120	5794.977897	5150 – 5250	PASS



Ant1

Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5774.946436	5150 – 5250	PASS
5775	20	108	5775.077110	5150 – 5250	PASS
5775	50	120	5774.906342	5150 – 5250	PASS
5775	40	120	5775.066553	5150 – 5250	PASS
5775	30	120	5775.044574	5150 – 5250	PASS
5775	20	120	5774.960689	5150 – 5250	PASS
5775	10	120	5774.998138	5150 – 5250	PASS
5775	0	120	5775.016129	5150 – 5250	PASS
5775	-10	120	5775.043213	5150 – 5250	PASS
5775	-20	120	5775.034563	5150 – 5250	PASS
5775	-30	120	5775.052155	5150 – 5250	PASS

Ant2

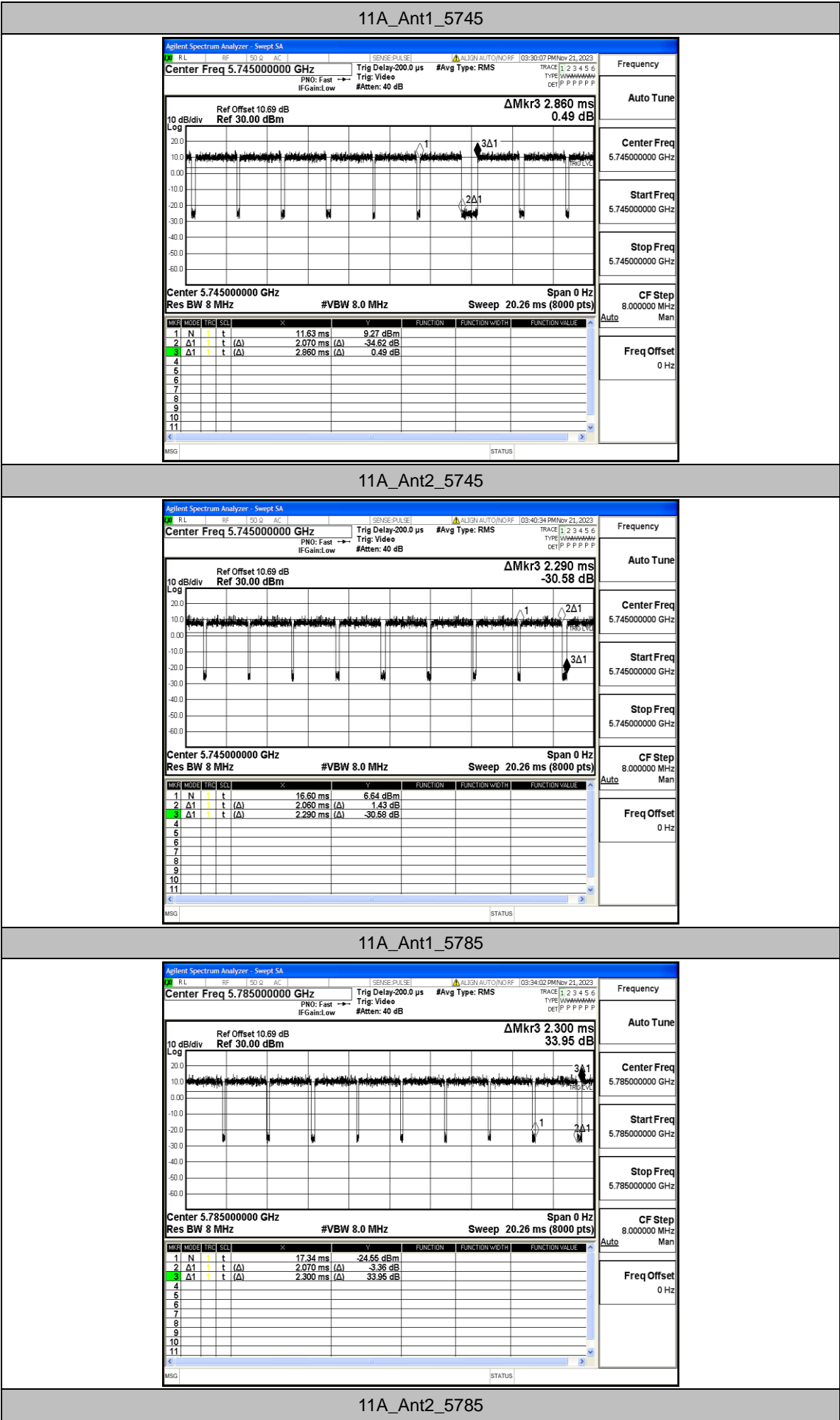
Frequency (MHz)	Environment Temperature (Degree)	Voltage (VAC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	132	5775.000102	5150 – 5250	PASS
5775	20	108	5774.957255	5150 – 5250	PASS
5775	50	120	5775.002724	5150 – 5250	PASS
5775	40	120	5774.941913	5150 – 5250	PASS
5775	30	120	5775.029367	5150 – 5250	PASS
5775	20	120	5774.984679	5150 – 5250	PASS
5775	10	120	5774.920155	5150 – 5250	PASS
5775	0	120	5774.982193	5150 – 5250	PASS
5775	-10	120	5774.922160	5150 – 5250	PASS
5775	-20	120	5775.001046	5150 – 5250	PASS
5775	-30	120	5774.936137	5150 – 5250	PASS

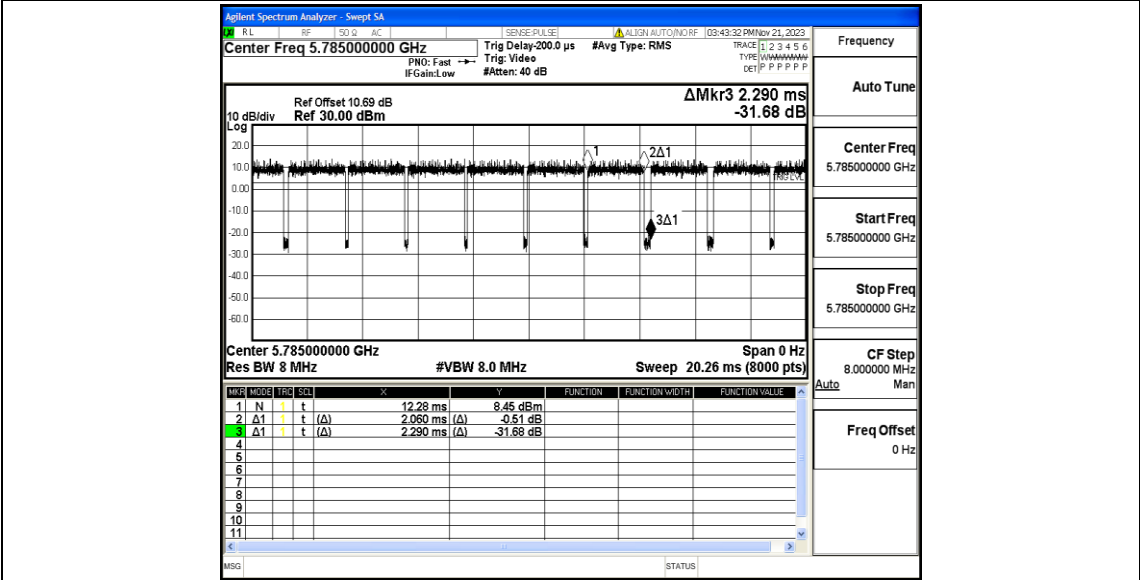
## Appendix F: Duty Cycle

### Test Result

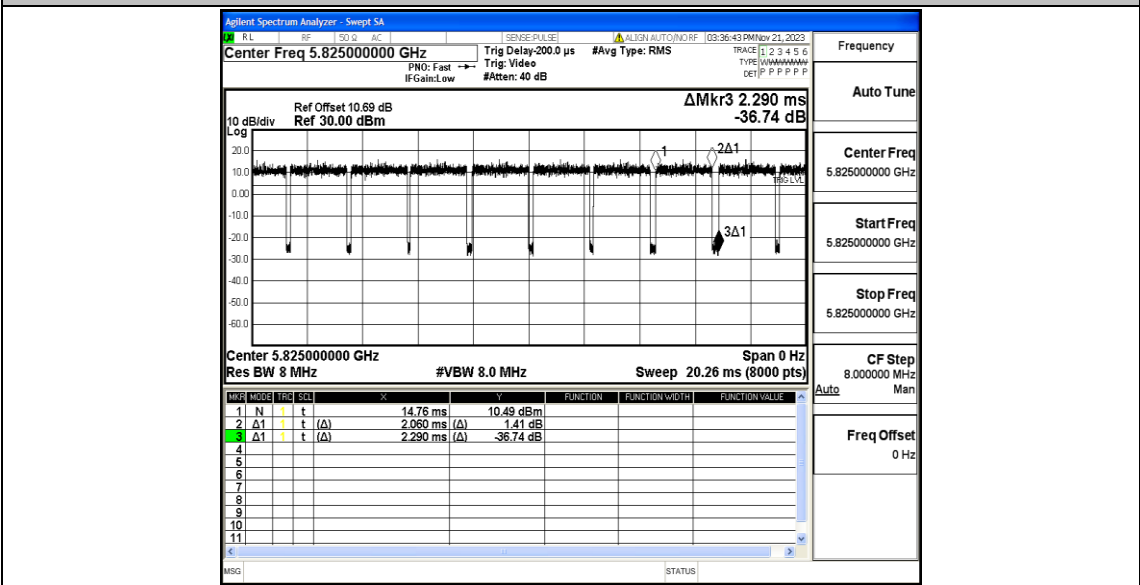
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]
11A	Ant1	5745	2.07	2.86	72.38	0.48
	Ant2	5745	2.06	2.29	89.96	0.49
	Ant1	5785	2.07	2.30	90.00	0.48
	Ant2	5785	2.06	2.29	89.96	0.49
	Ant1	5825	2.06	2.29	89.96	0.49
	Ant2	5825	2.07	2.30	90.00	0.48
11N20MIMO	Ant1	5745	1.92	2.15	89.30	0.52
	Ant2	5745	1.92	2.76	69.57	0.52
	Ant1	5785	1.92	2.15	89.30	0.52
	Ant2	5785	1.92	2.13	90.14	0.52
	Ant1	5825	1.92	2.11	91.00	0.52
	Ant2	5825	1.92	2.13	90.14	0.52
11N40MIMO	Ant1	5755	0.95	1.21	78.51	1.05
	Ant2	5755	0.94	1.17	80.34	1.06
	Ant1	5795	0.95	1.18	80.51	1.05
	Ant2	5795	0.95	1.18	80.51	1.05
11AC20MIMO	Ant1	5745	1.93	2.17	88.94	0.52
	Ant2	5745	1.93	2.18	88.53	0.52
	Ant1	5785	1.93	2.18	88.53	0.52
	Ant2	5785	1.93	2.17	88.94	0.52
	Ant1	5825	1.94	2.19	88.58	0.52
	Ant2	5825	1.94	2.19	88.58	0.52
11AC40MIMO	Ant1	5755	0.95	1.21	78.51	1.05
	Ant2	5755	0.95	1.20	79.17	1.05
	Ant1	5795	0.95	1.21	78.51	1.05
	Ant2	5795	0.95	1.19	79.83	1.05
11AC80MIMO	Ant1	5775	0.07	0.32	21.88	14.29
	Ant2	5775	0.08	0.33	24.24	12.50

Test Graphs

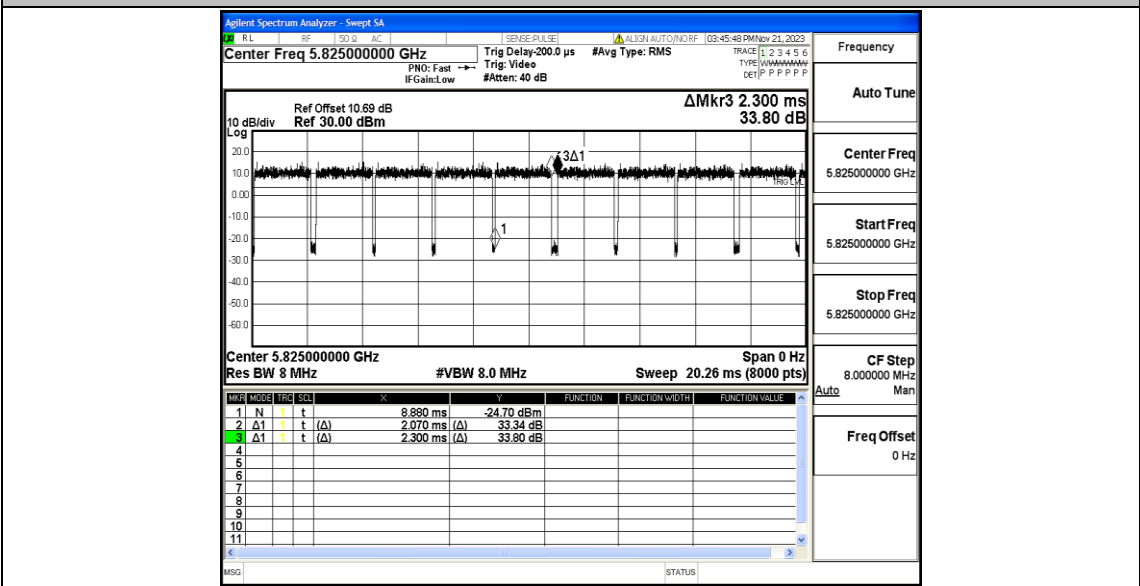




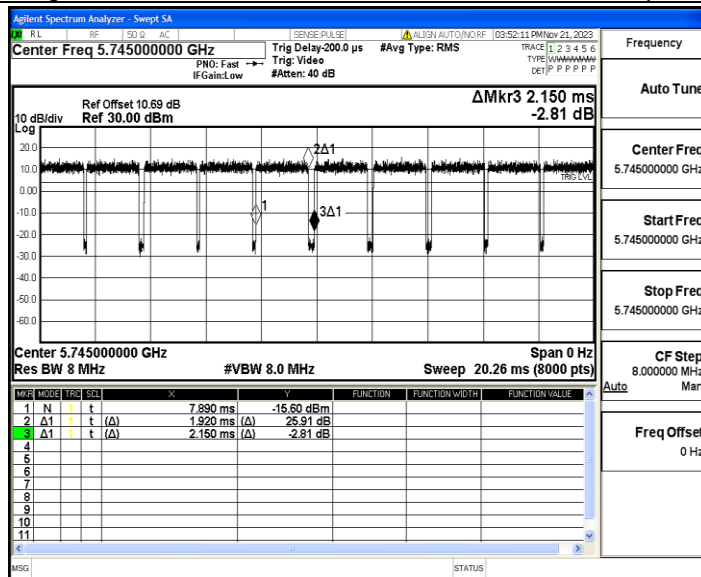
11A\_Ant1\_5825



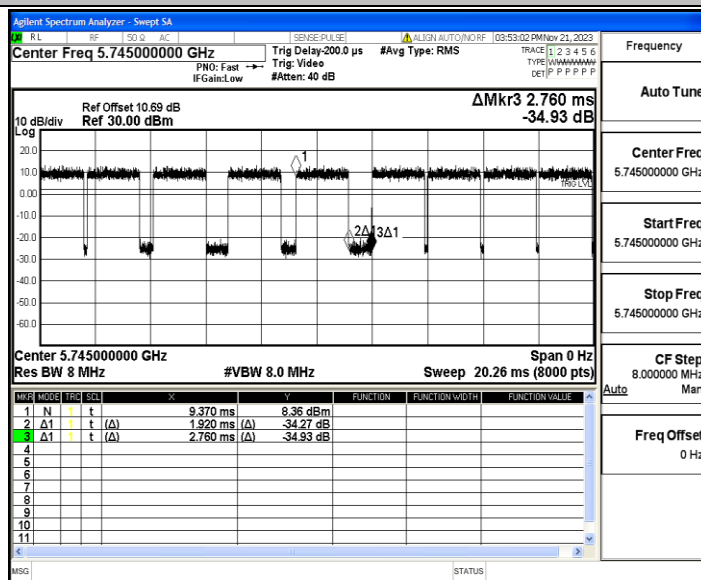
11A\_Ant2\_5825



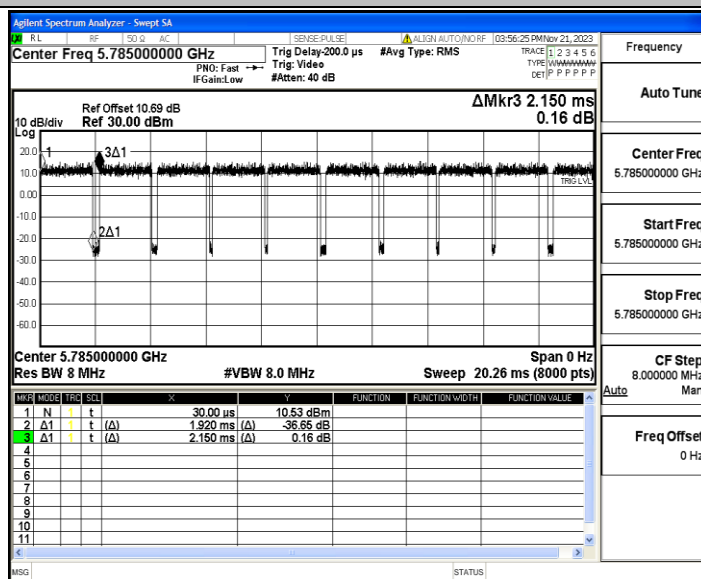
11N20MIMO\_Ant1\_5745



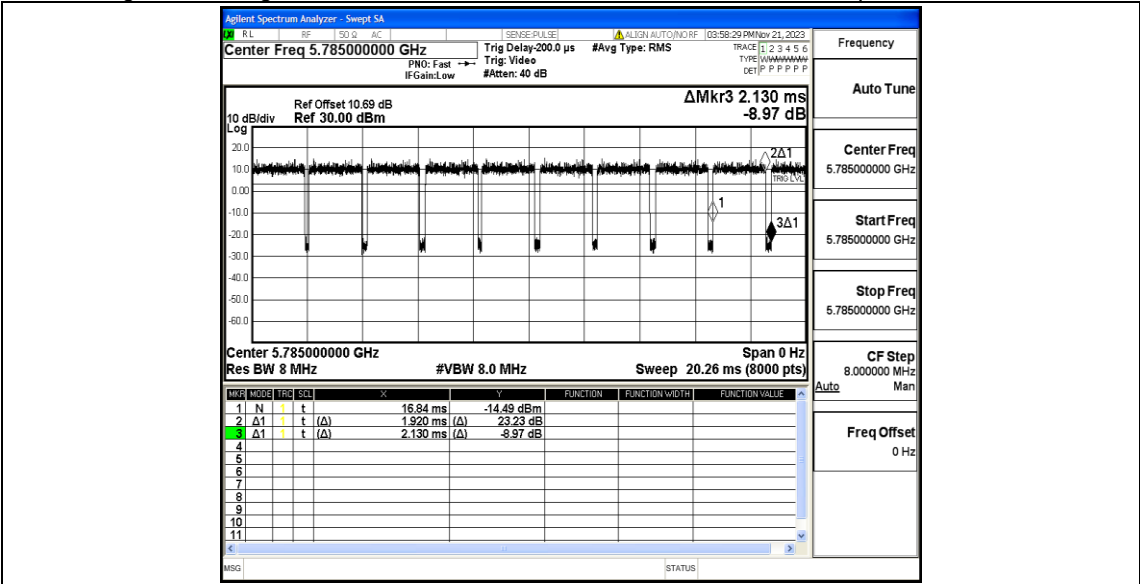
11N20MIMO\_Ant2\_5745



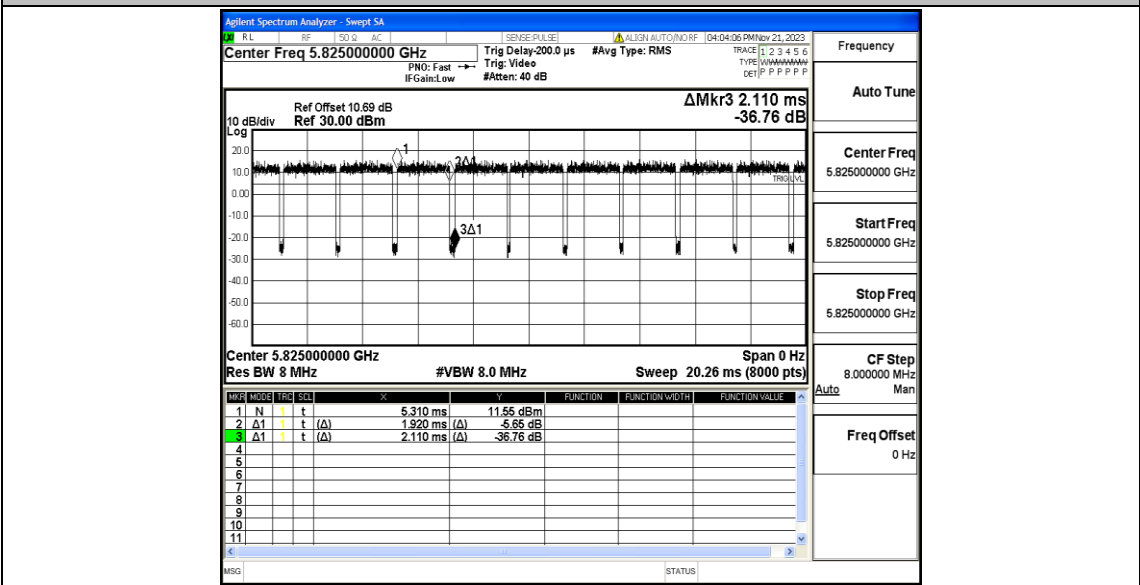
11N20MIMO\_Ant1\_5785



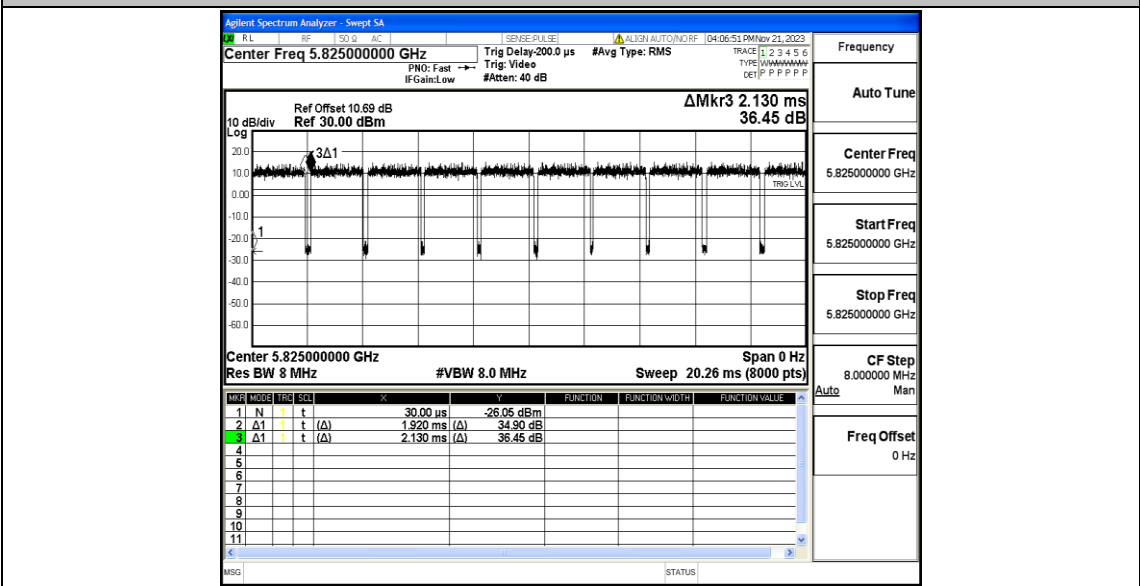
11N20MIMO\_Ant2\_5785



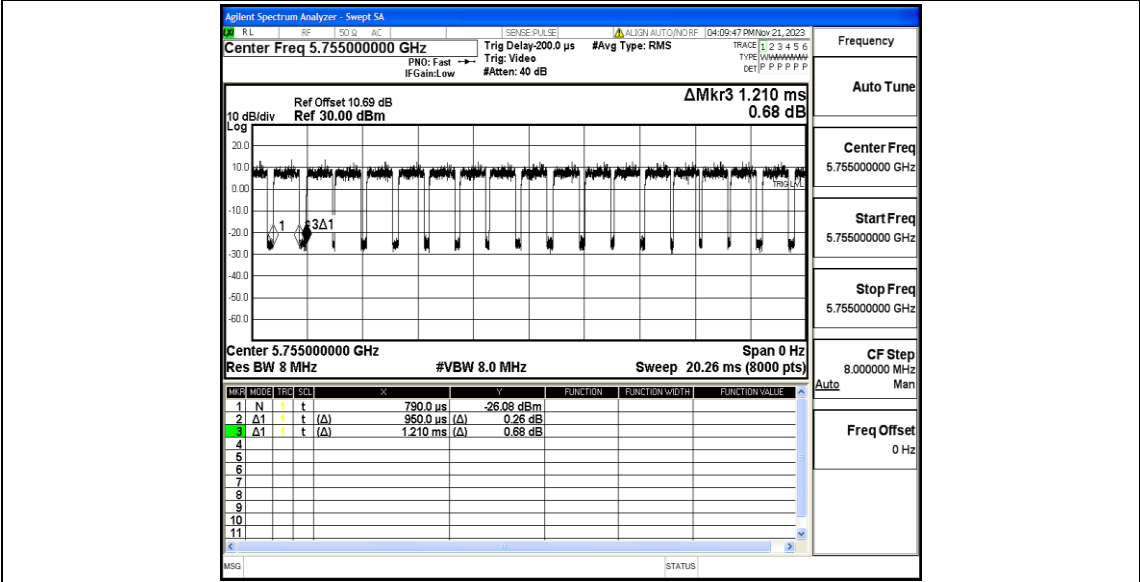
11N20MIMO\_Ant1\_5825



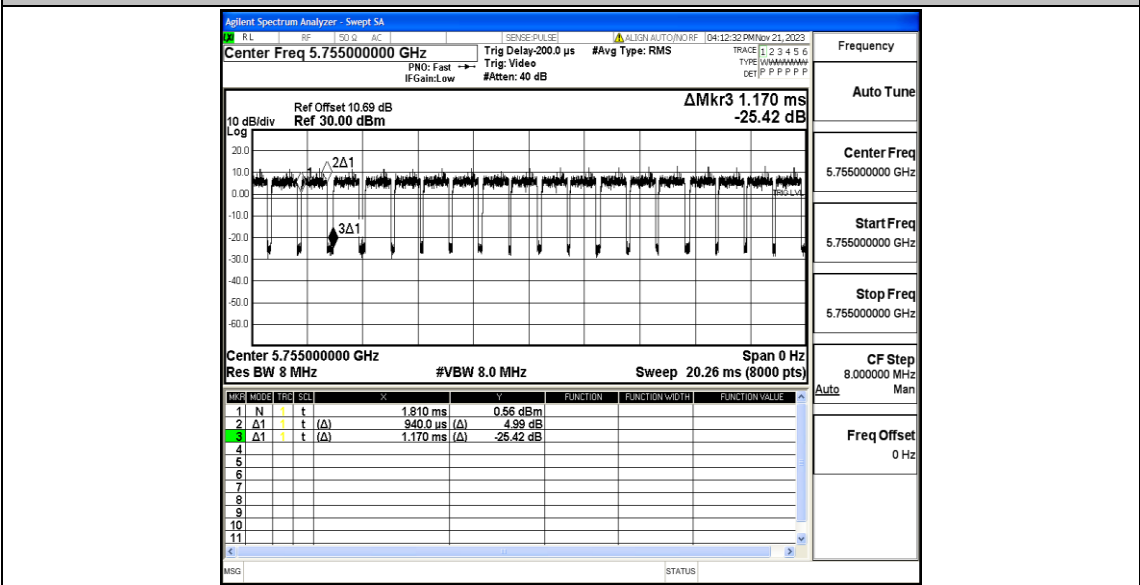
11N20MIMO\_Ant2\_5825



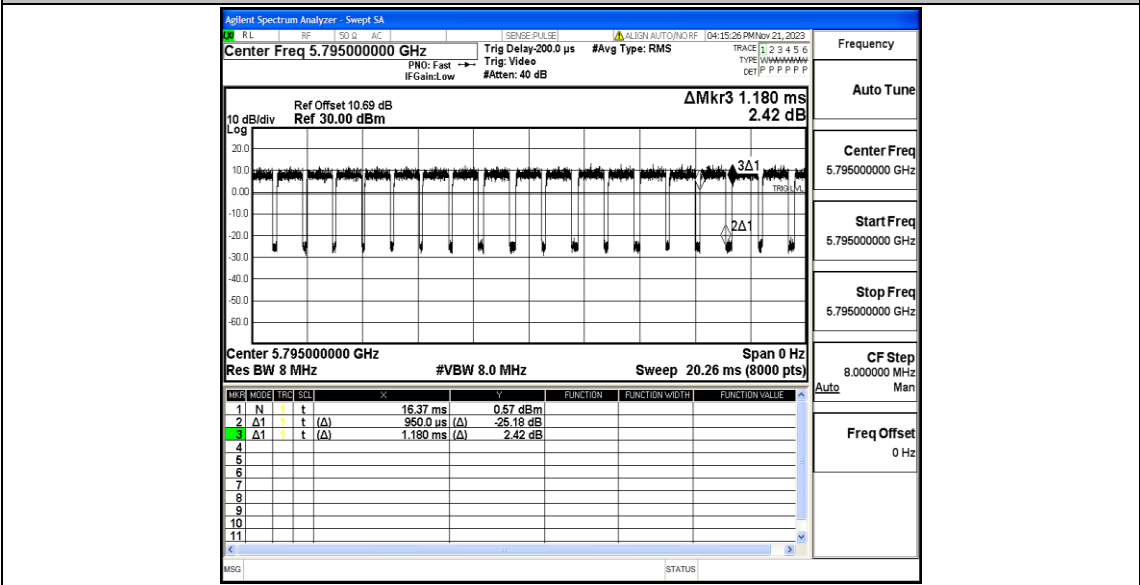
11N40MIMO\_Ant1\_5755



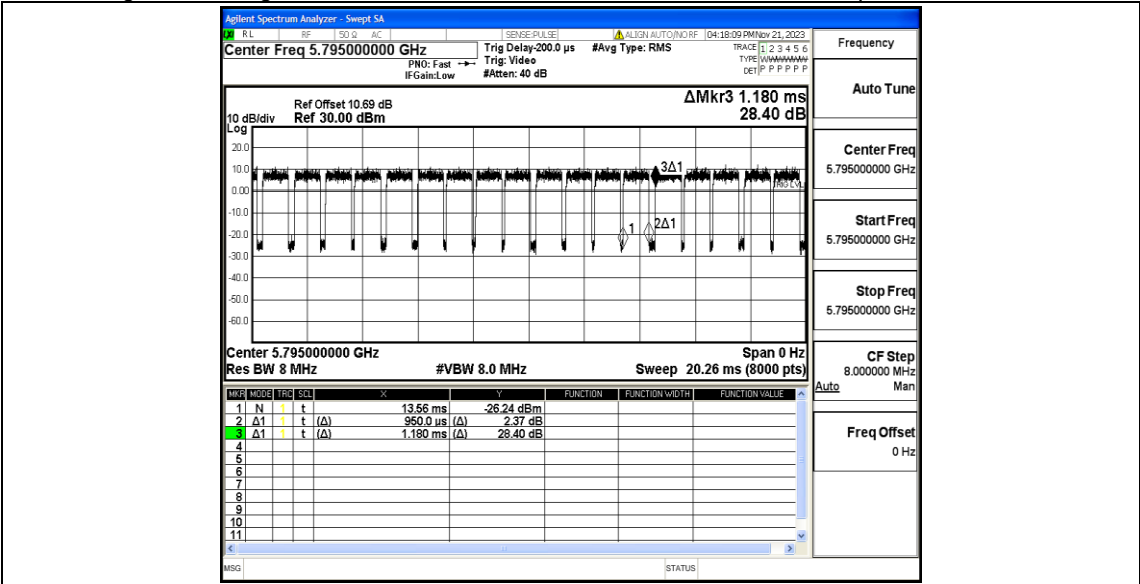
11N40MIMO\_Ant2\_5755



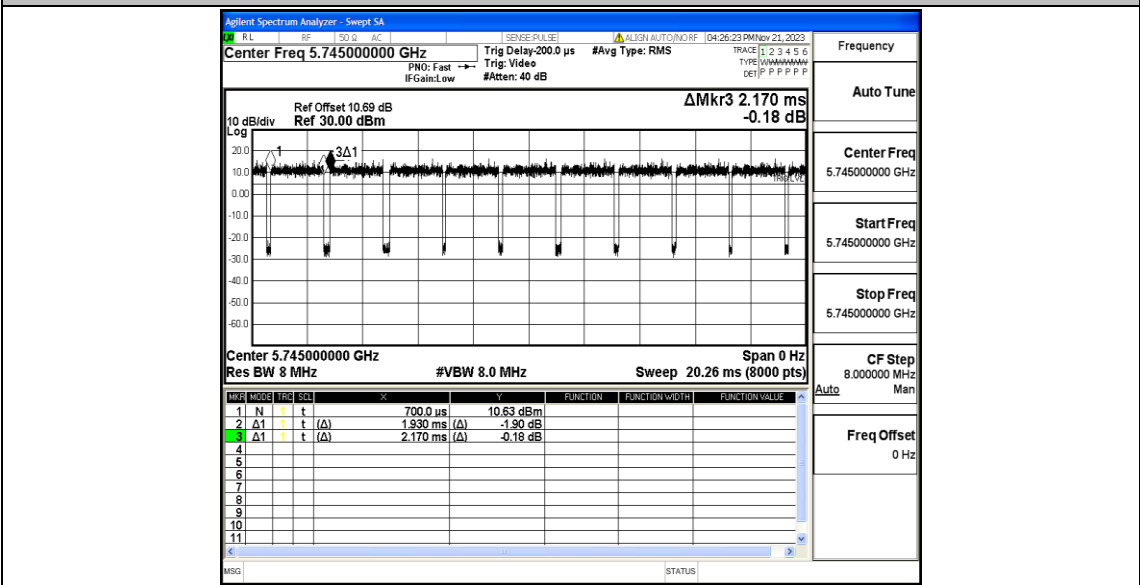
11N40MIMO\_Ant1\_5795



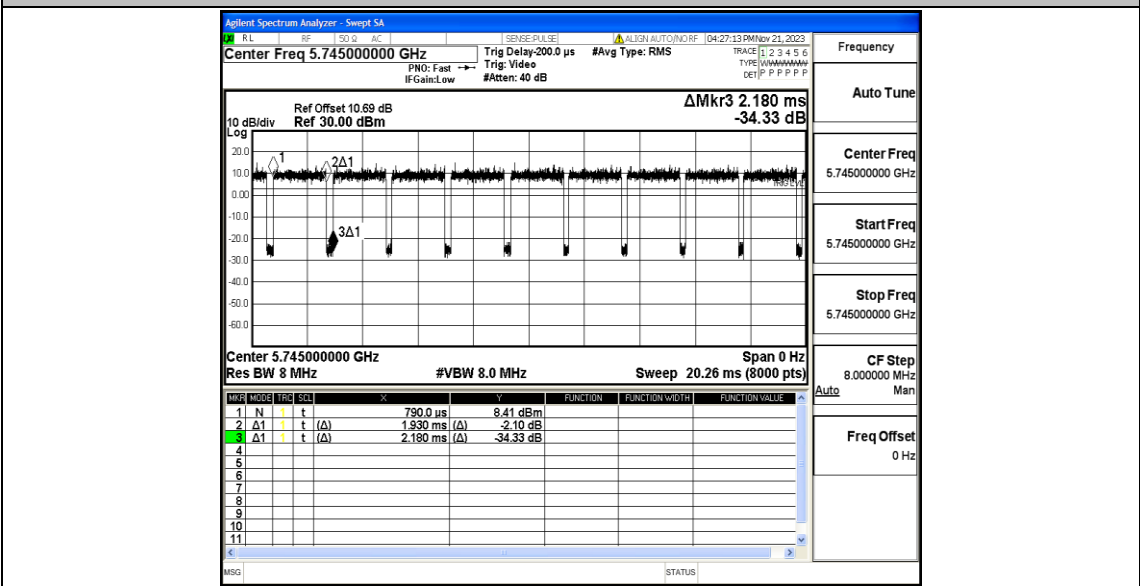
11N40MIMO\_Ant2\_5795



11AC20MIMO\_Ant1\_5745

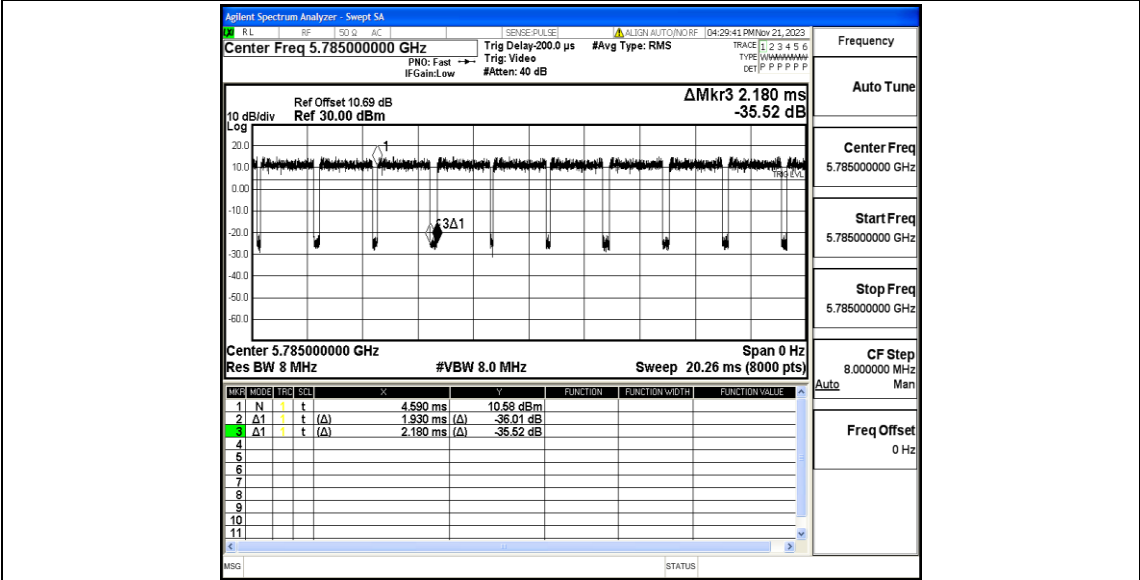


11AC20MIMO\_Ant2\_5745

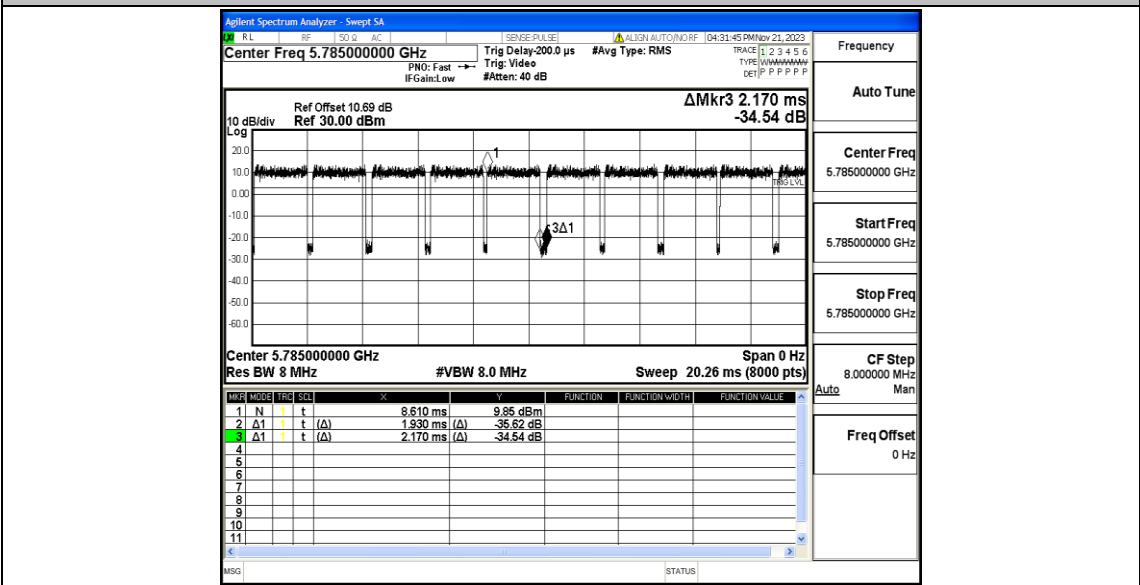


11AC20MIMO\_Ant1\_5785

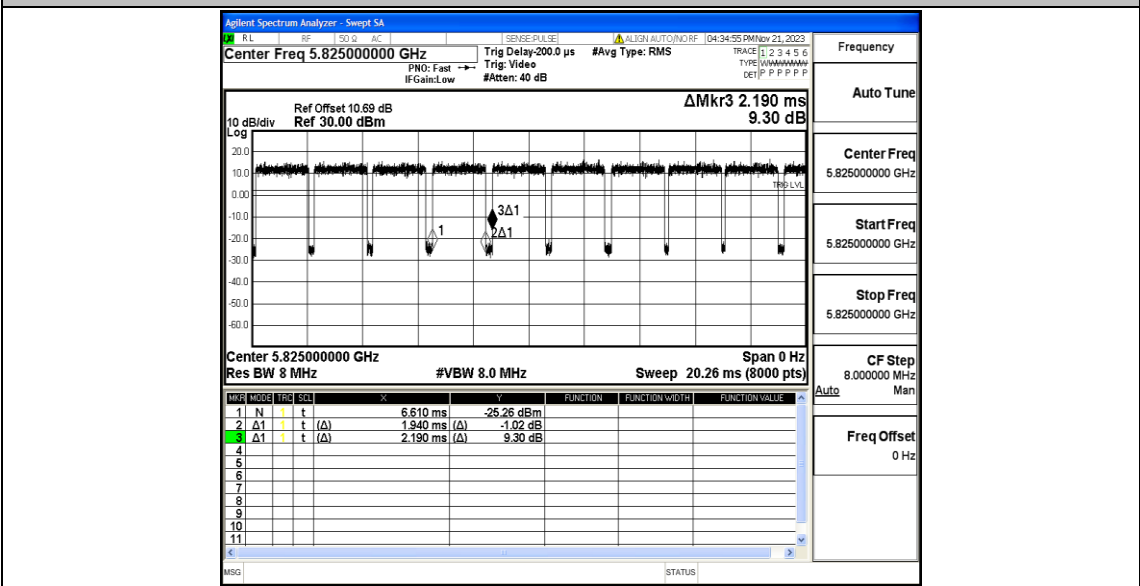




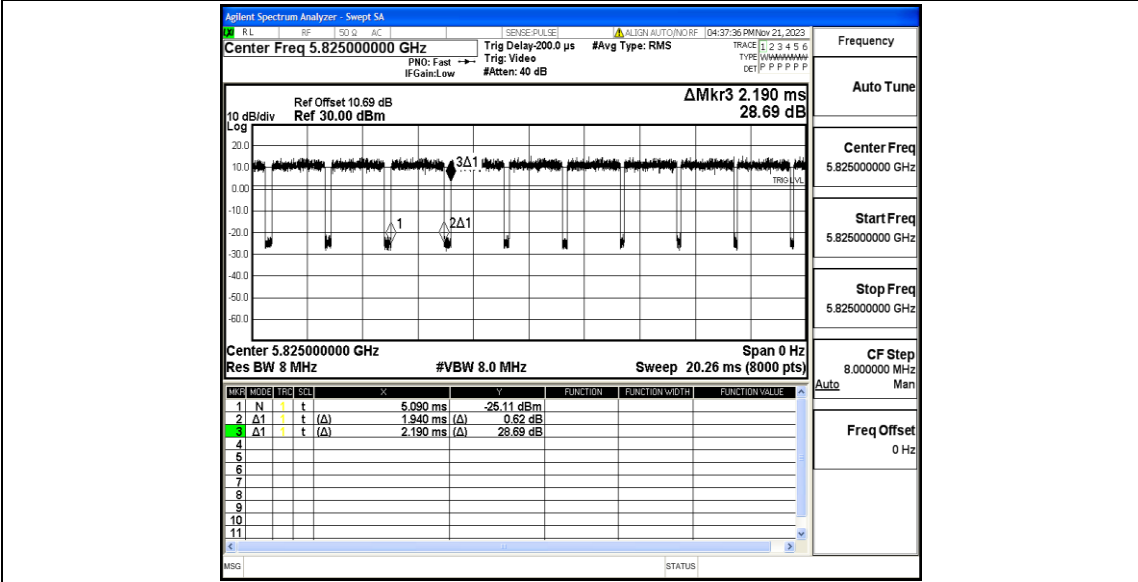
11AC20MIMO\_Ant2\_5785



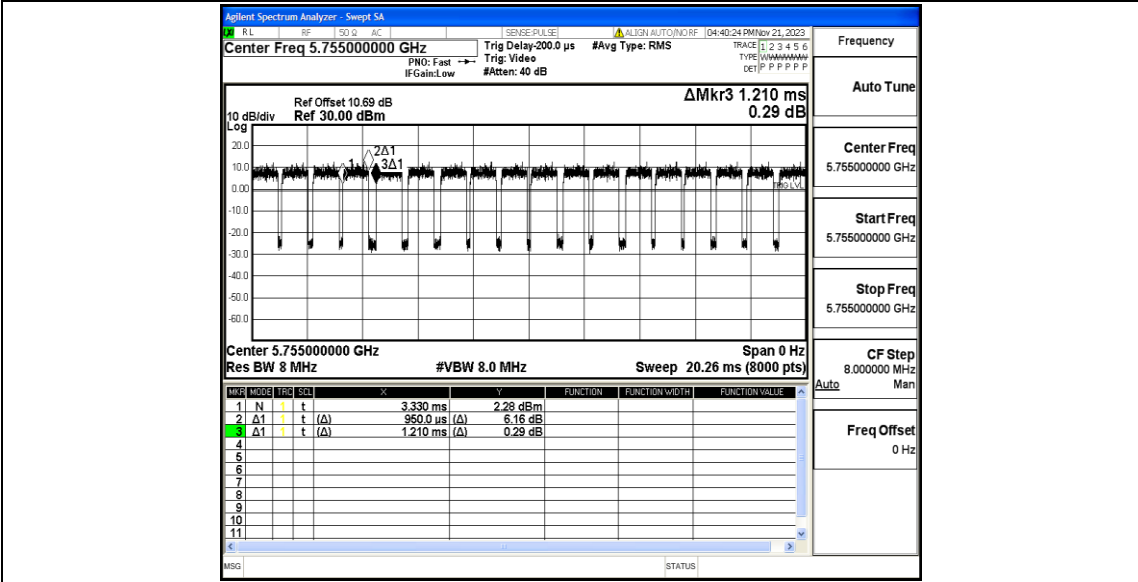
11AC20MIMO\_Ant1\_5825



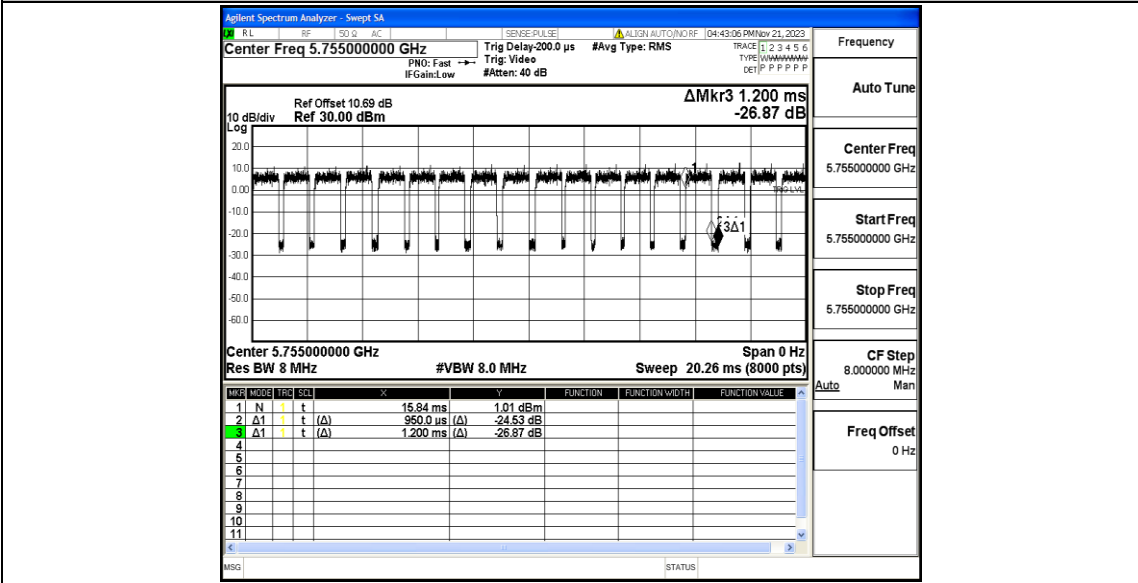
11AC20MIMO\_Ant2\_5825



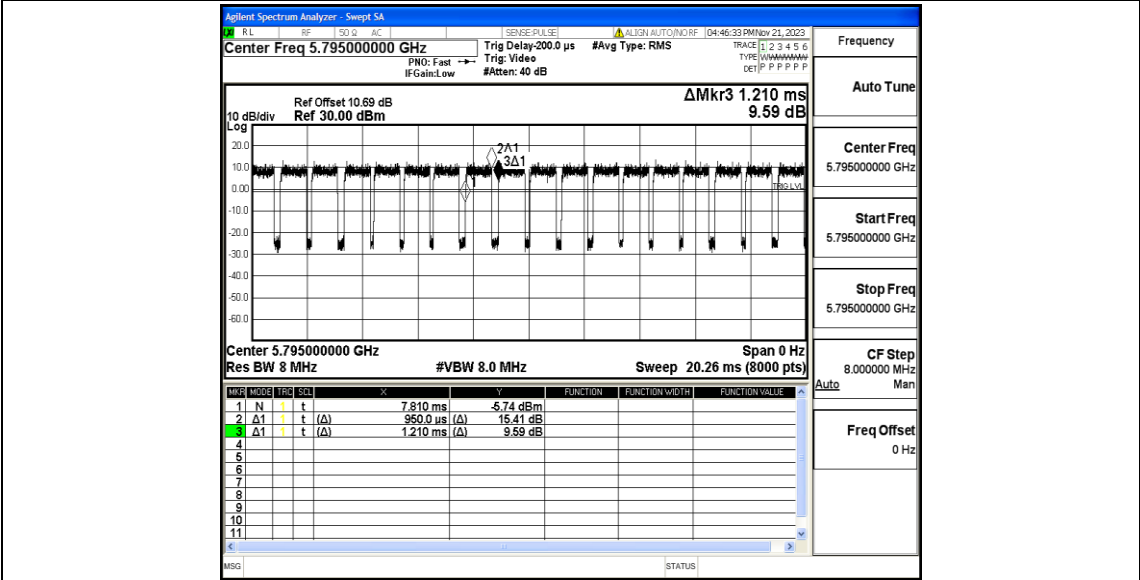
11AC40MIMO\_Ant1\_5755



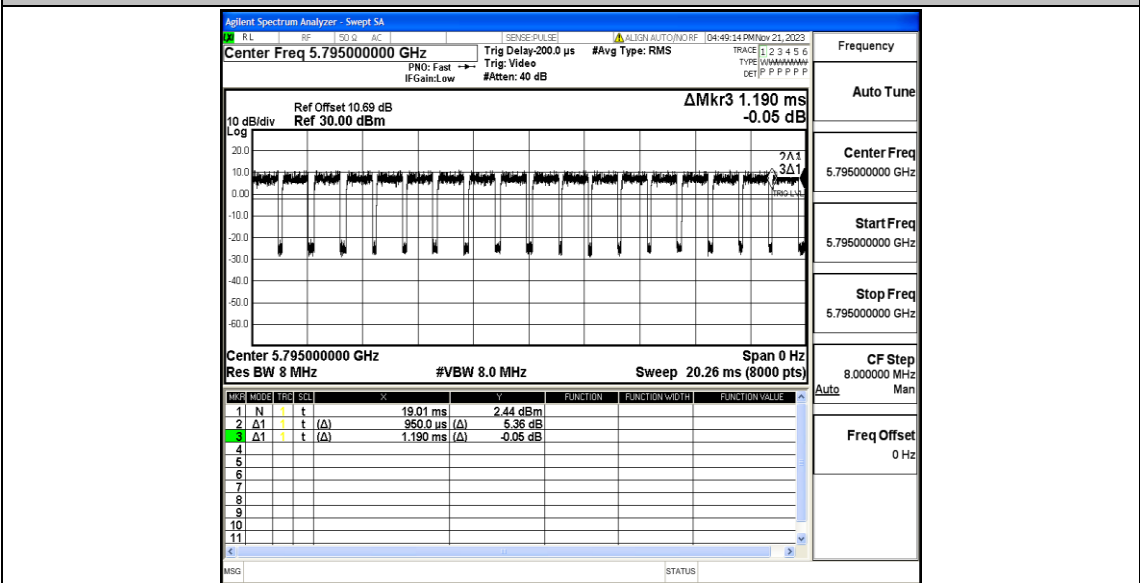
11AC40MIMO\_Ant2\_5755



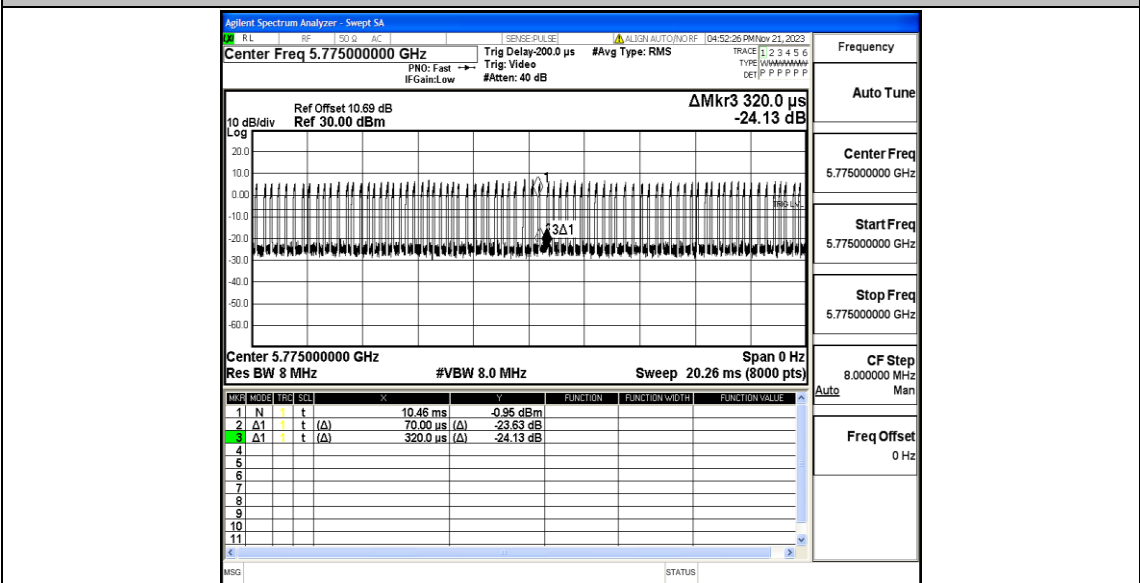
11AC40MIMO\_Ant1\_5795



11AC40MIMO\_Ant2\_5795



11AC80MIMO\_Ant1\_5775



11AC80MIMO\_Ant2\_5775

