

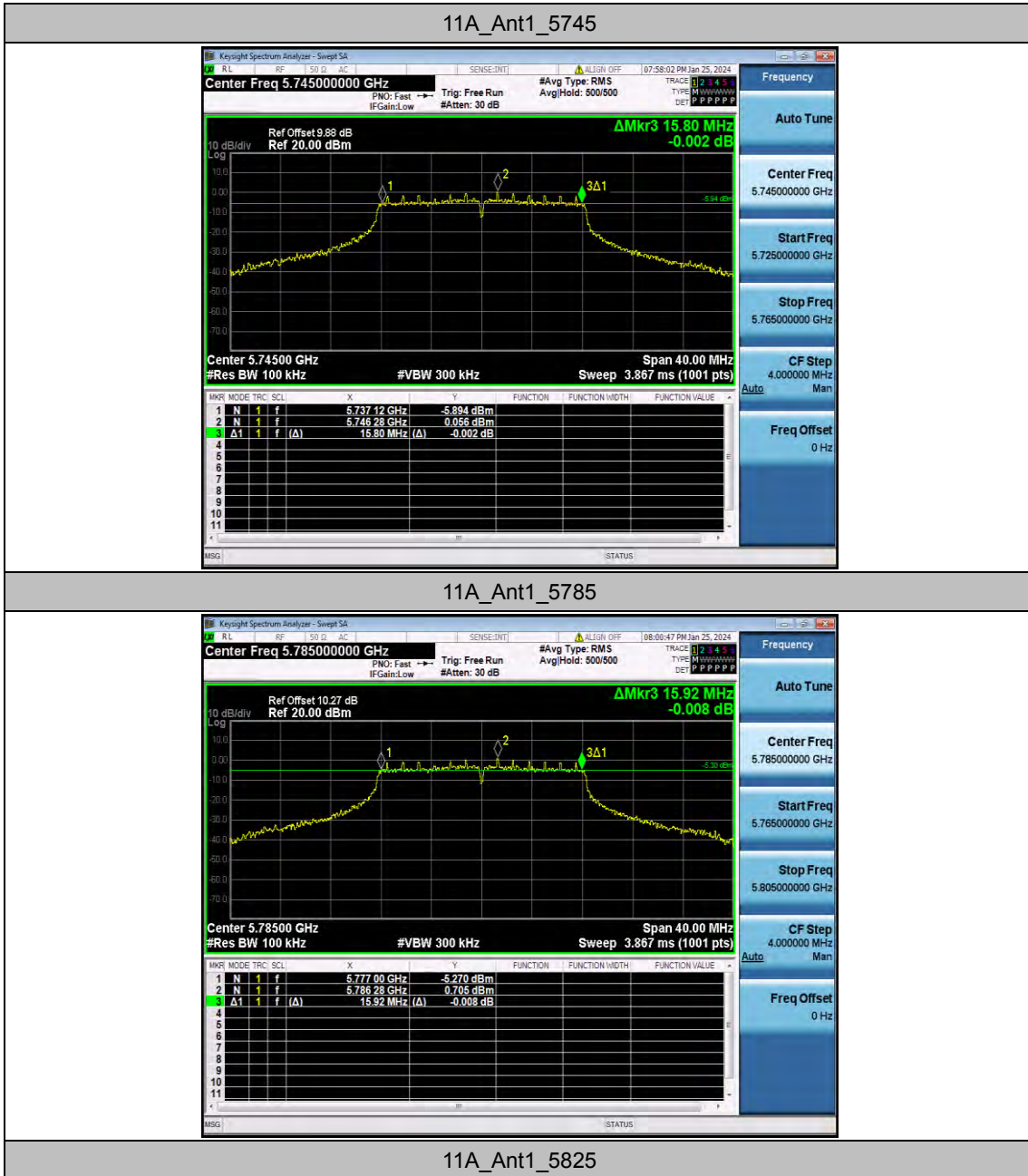
<b>Case No. :</b> <u>GTS20231018011-1-88</u>
<b>Ambient Condition:</b> <u>22 °C, 47 %RH</u>
<b>According Standard:</b> <u>■Part15E</u>
<b>Test Date:</b> <u>2024.1.25</u> <b>Test Engineer:</b> <u>Evan ouyang</u>

## Appendix G.1: Emission Bandwidth

### Test Result

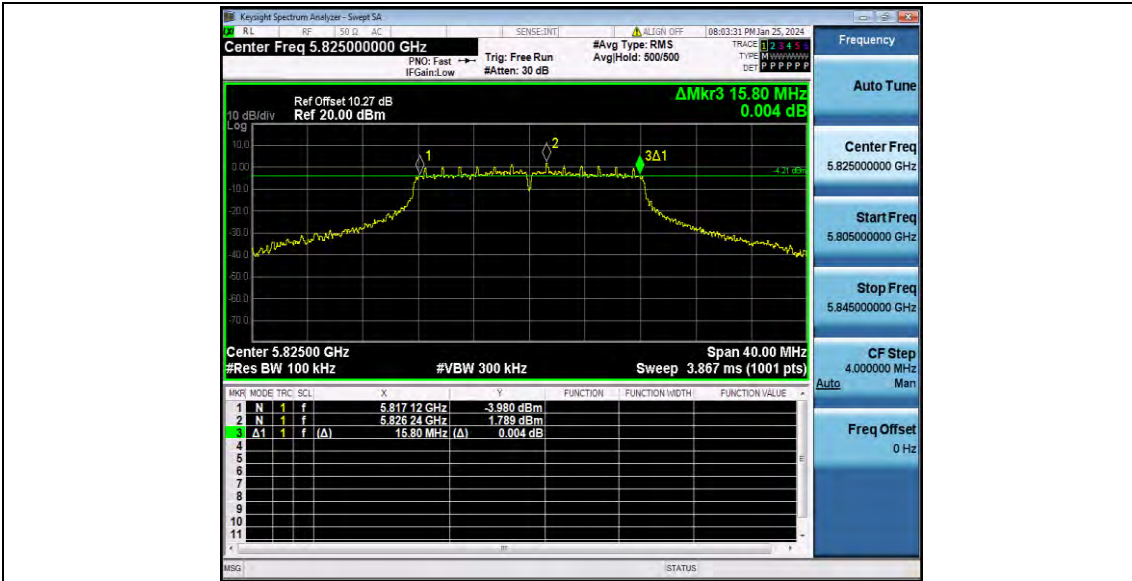
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.800	5737.120	5752.920	0.5	PASS
		5785	15.920	5777.000	5792.920	0.5	PASS
		5825	15.800	5817.120	5832.920	0.5	PASS
11N20SISO	Ant1	5745	16.000	5736.880	5752.880	0.5	PASS
		5785	15.800	5777.120	5792.920	0.5	PASS
		5825	16.000	5817.120	5833.120	0.5	PASS
11N40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	16.360	5737.080	5753.440	0.5	PASS
		5785	16.800	5776.600	5793.400	0.5	PASS
		5825	15.960	5817.440	5833.400	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	18.800	5735.640	5754.440	0.5	PASS
		5785	18.880	5775.560	5794.440	0.5	PASS
		5825	18.600	5815.680	5834.280	0.5	PASS
11AX40SISO	Ant1	5755	35.920	5736.680	5772.600	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AX80SISO	Ant1	5775	78.080	5735.960	5814.040	0.5	PASS

## Test Graphs


**11A\_Ant1\_5785**

Frequency	
Auto Tune	
Center Freq	5.78500000 GHz
Start Freq	5.765000000 GHz
Stop Freq	5.805000000 GHz
CF Step	4.000000 MHz
Freq Offset	0 Hz

**11A\_Ant1\_5825**



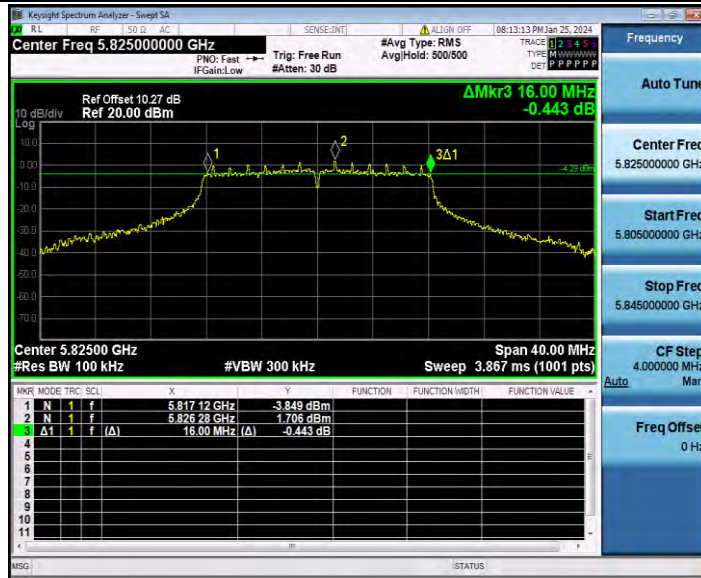
11N20SISO\_Ant1\_5745



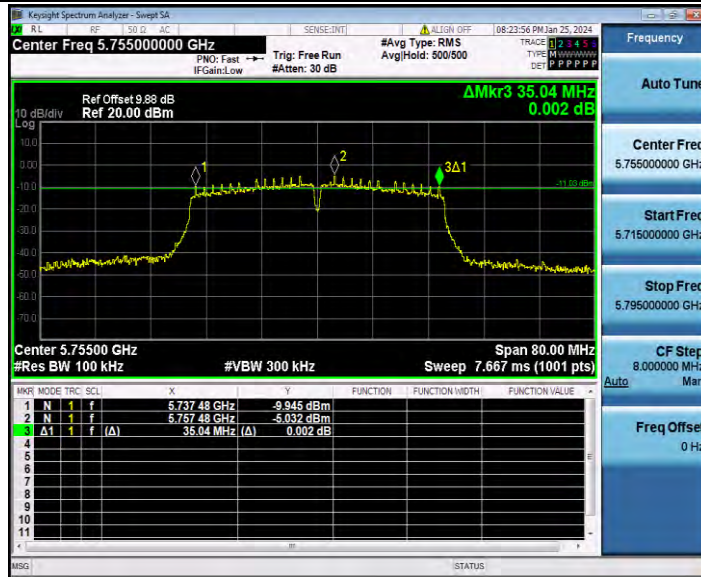
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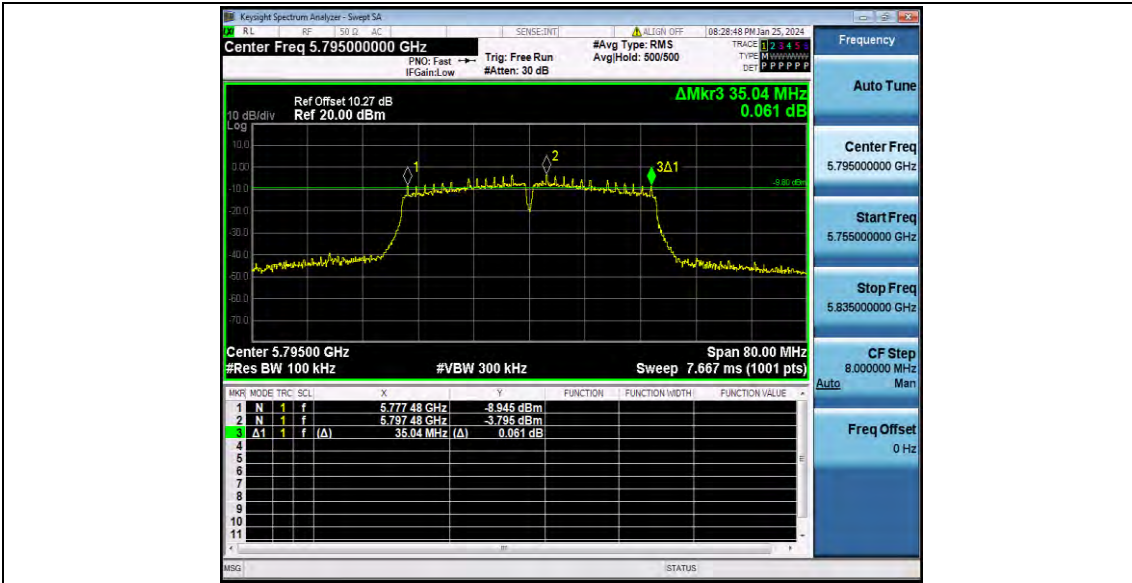
11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



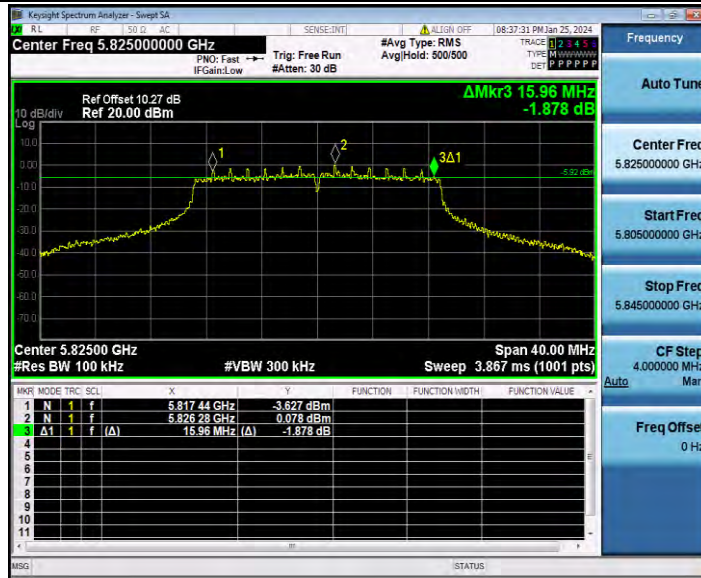
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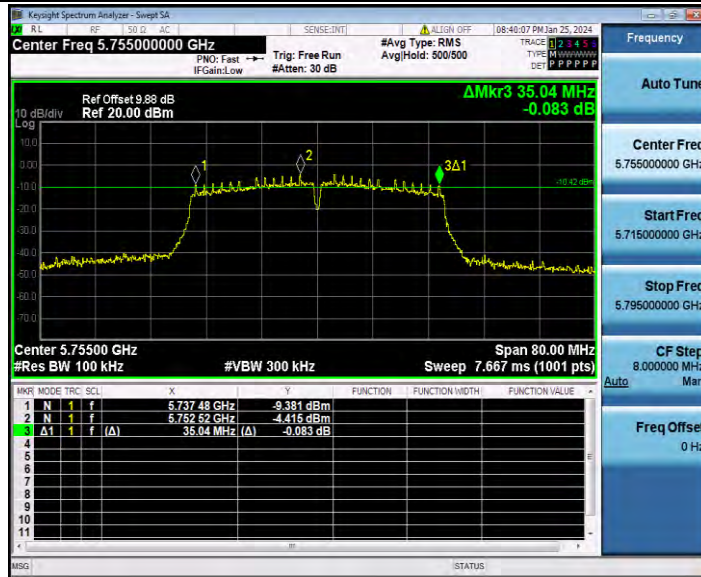
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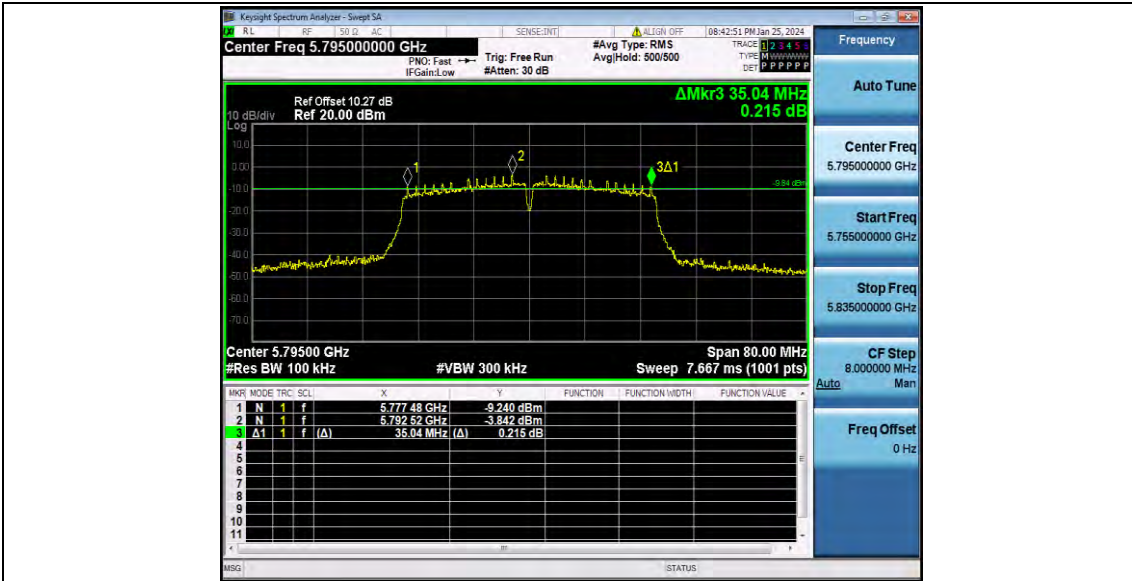
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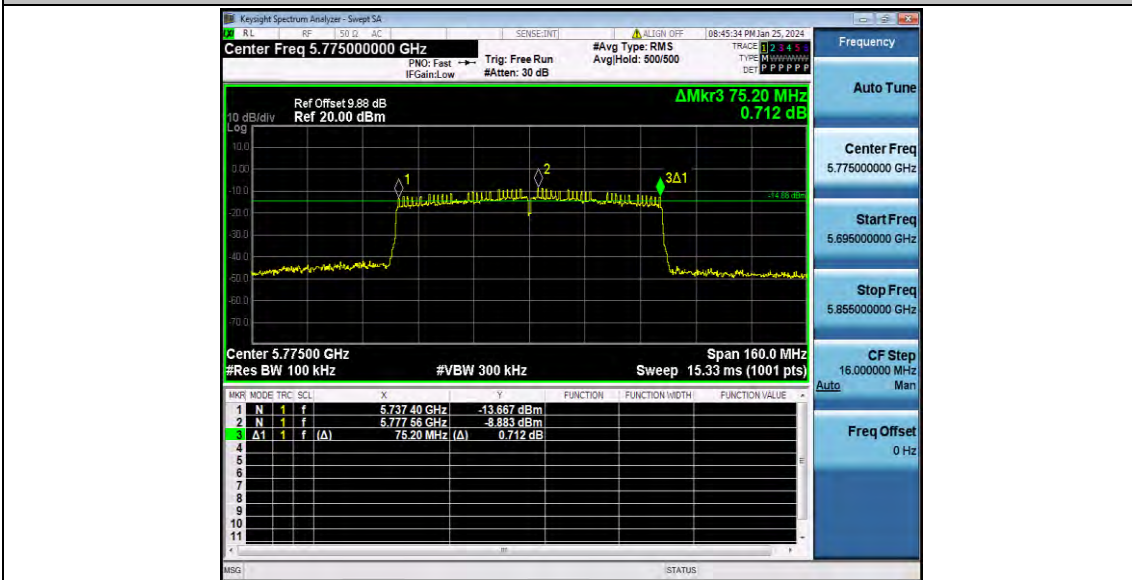
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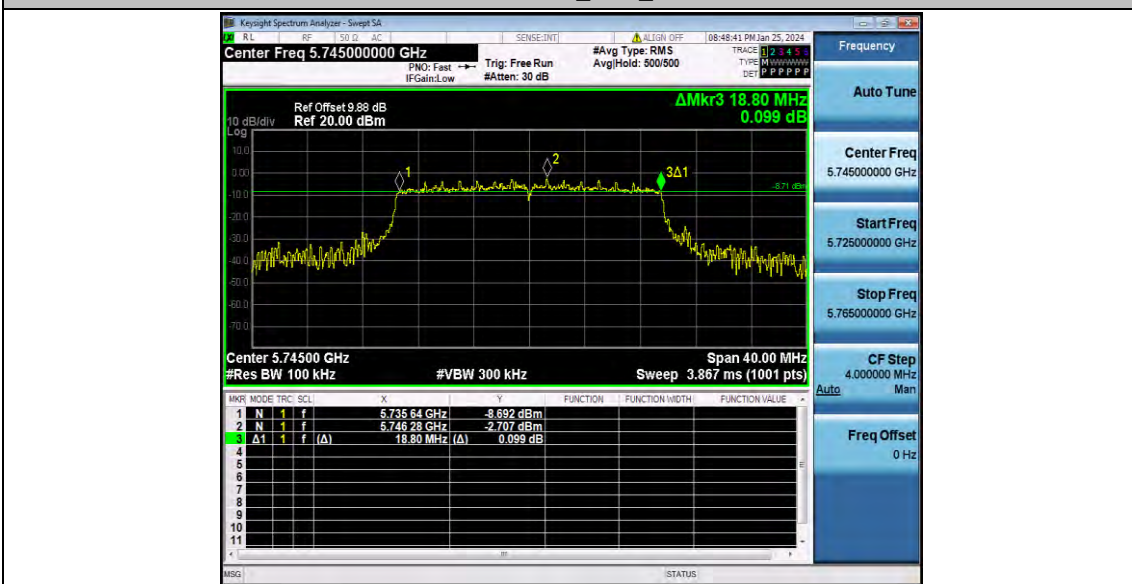
11AC40SISO\_Ant1\_5795



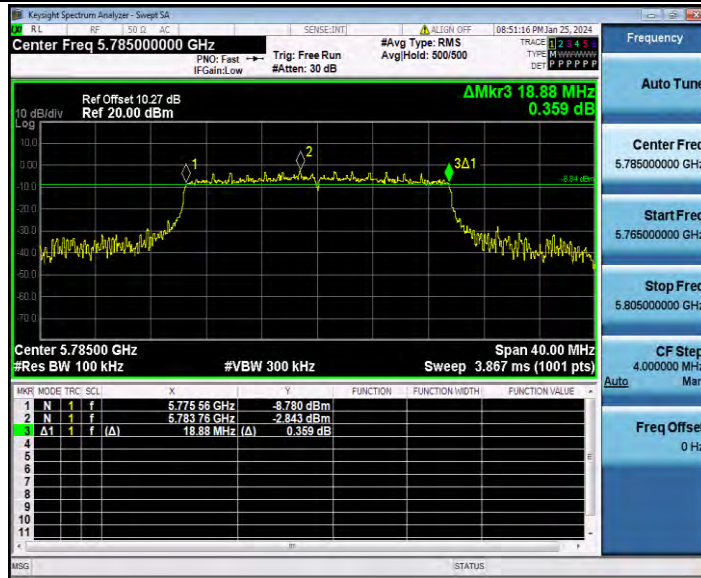
11AC80SISO\_Ant1\_5775



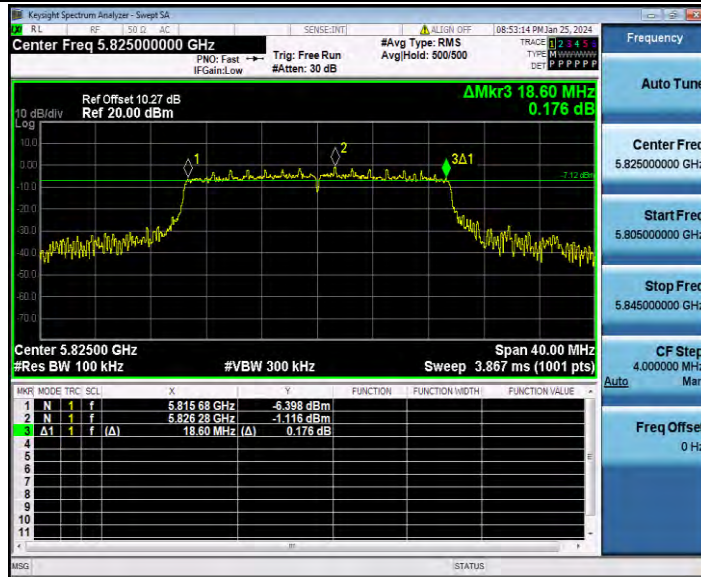
11AX20SISO\_Ant1\_5745



11AX20SISO\_Ant1\_5785

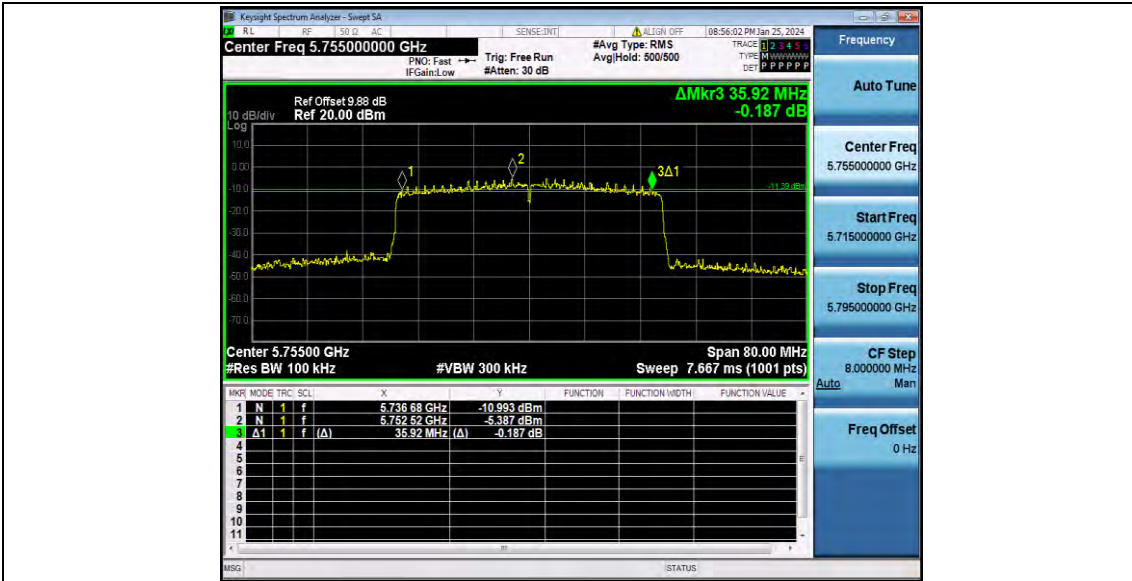


11AX20SISO\_Ant1\_5825

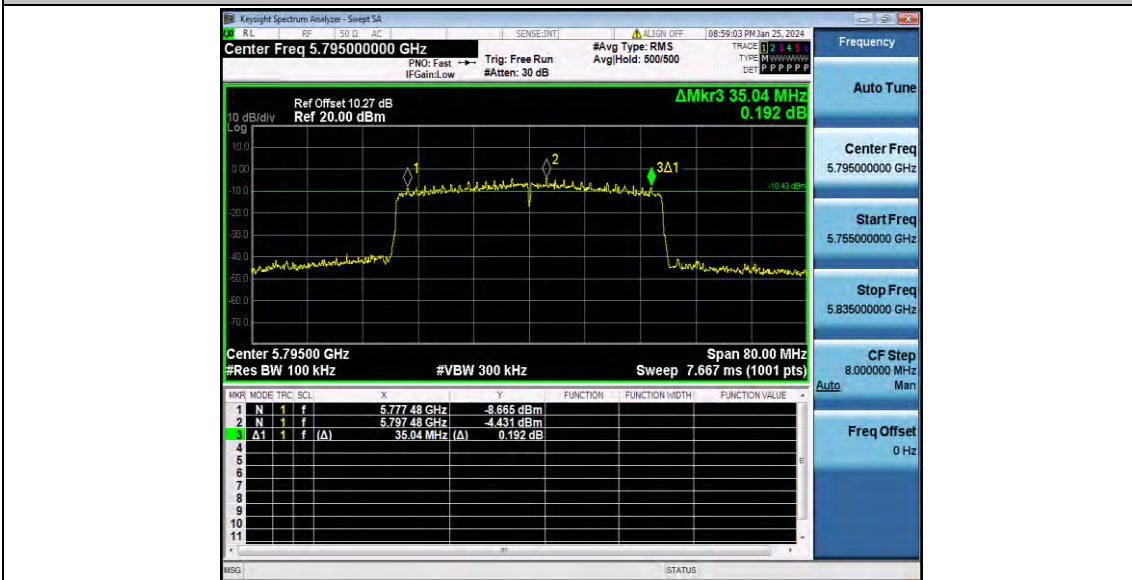


11AX40SISO\_Ant1\_5755

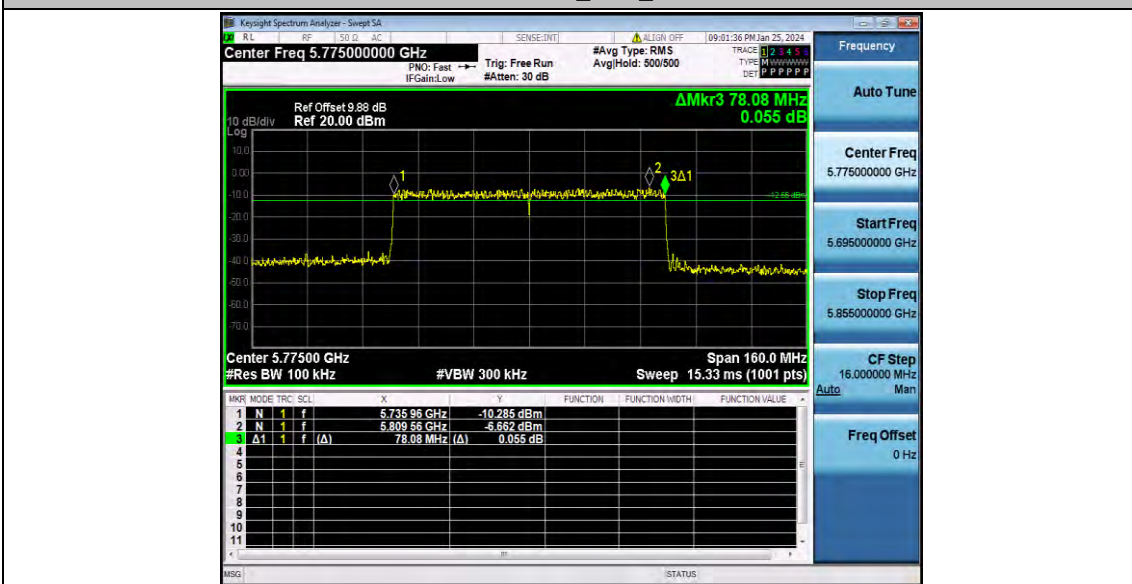




11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775

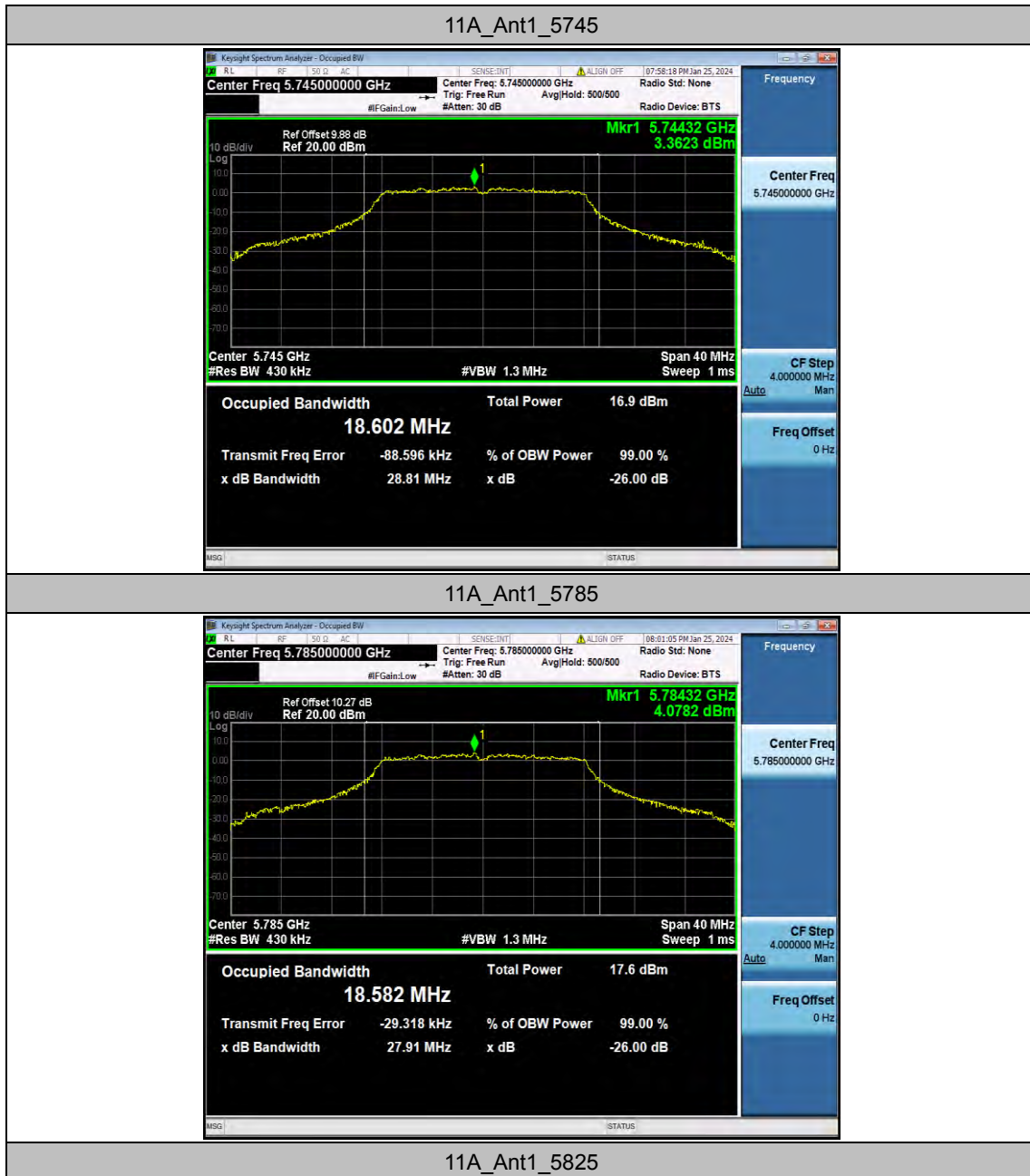


## Appendix G.2: Occupied channel bandwidth

### Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.602	5735.6104	5754.2124	---	---
		5785	18.582	5775.6797	5794.2617	---	---
		5825	18.603	5815.6116	5834.2146	---	---
11N20SISO	Ant1	5745	18.673	5735.5131	5754.1861	---	---
		5785	18.580	5775.6750	5794.2550	---	---
		5825	18.557	5815.6882	5834.2452	---	---
11N40SISO	Ant1	5755	35.948	5737.0589	5773.0069	---	---
		5795	35.945	5777.0426	5812.9876	---	---
11AC20SISO	Ant1	5745	19.105	5735.4219	5754.5269	---	---
		5785	19.059	5775.4681	5794.5271	---	---
		5825	19.045	5815.4853	5834.5303	---	---
11AC40SISO	Ant1	5755	35.928	5737.0500	5772.9780	---	---
		5795	35.921	5777.0532	5812.9742	---	---
11AC80SISO	Ant1	5775	75.210	5737.4345	5812.6445	---	---
11AX20SISO	Ant1	5745	19.204	5735.4032	5754.6072	---	---
		5785	19.198	5775.4215	5794.6195	---	---
		5825	19.231	5815.4300	5834.6610	---	---
11AX40SISO	Ant1	5755	37.508	5736.2558	5773.7638	---	---
		5795	37.542	5776.2929	5813.8349	---	---
11AX80SISO	Ant1	5775	77.744	5736.1782	5813.9222	---	---

## Test Graphs





11N20SISO\_Ant1\_5745



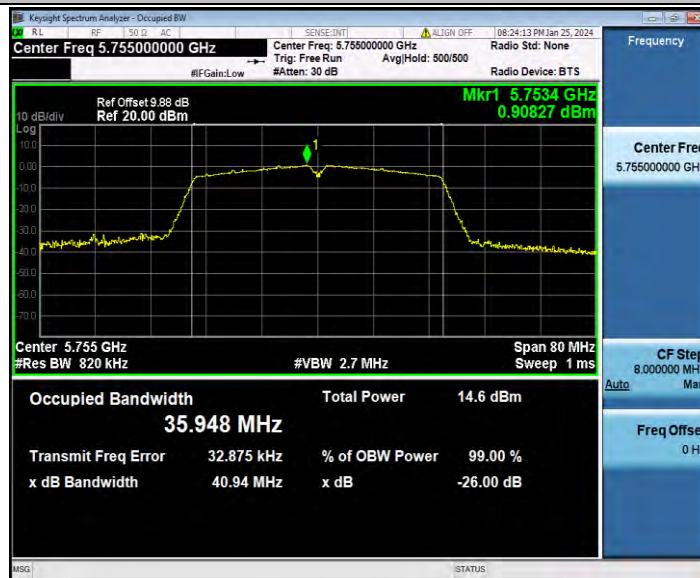
11N20SISO\_Ant1\_5785



11N20SISO\_Ant1\_5825



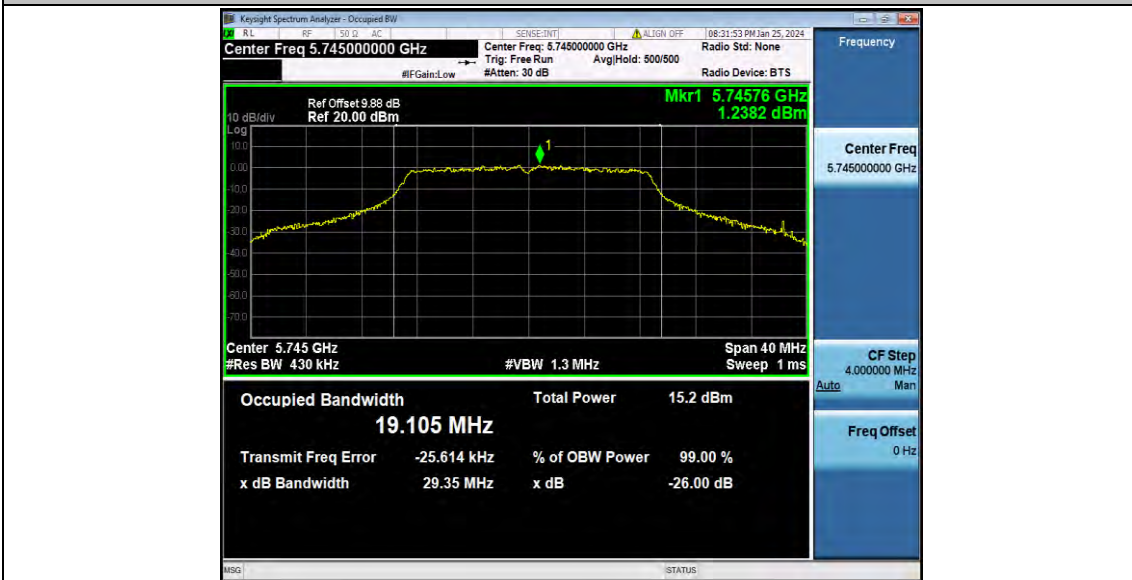
11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



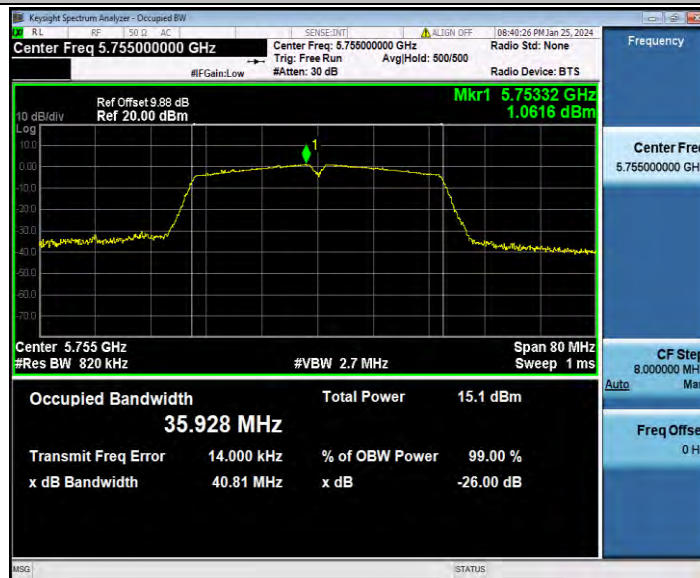
11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



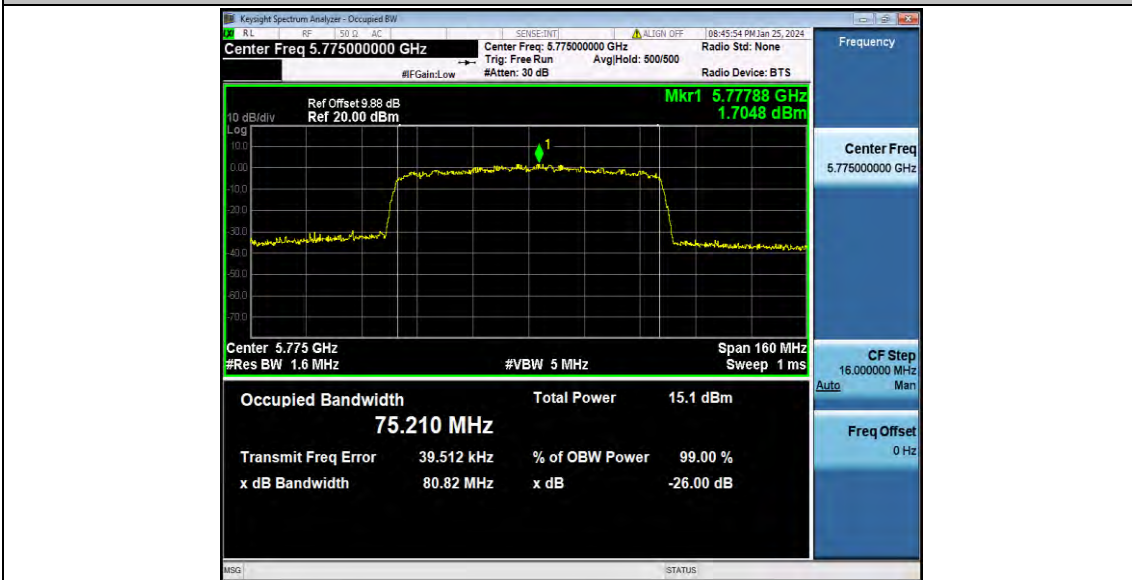
11AC40SISO\_Ant1\_5755



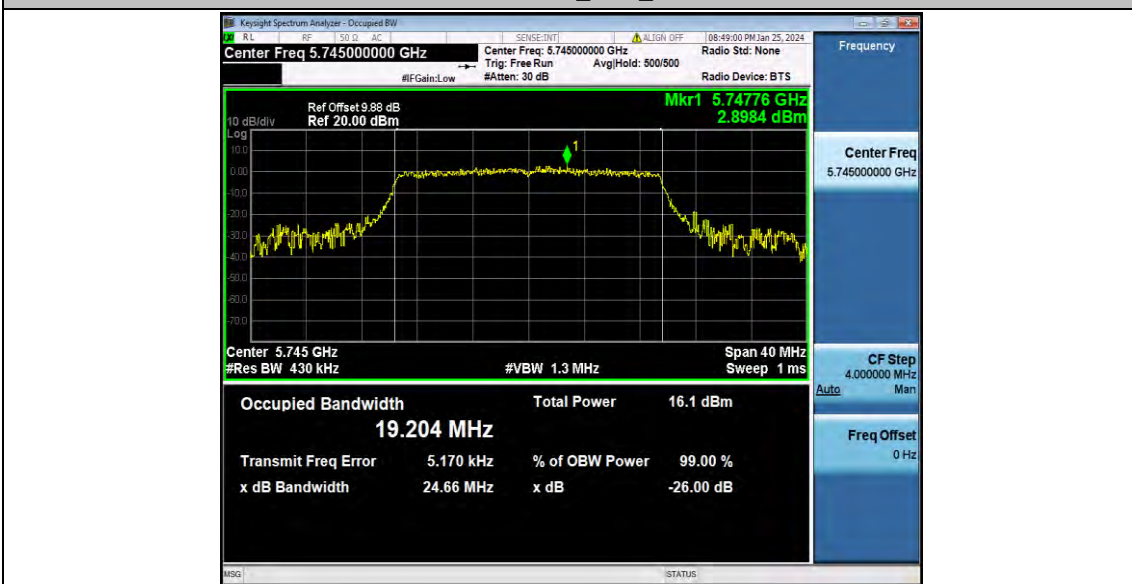
11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



11AX20SISO\_Ant1\_5745





11AX20SISO\_Ant1\_5785



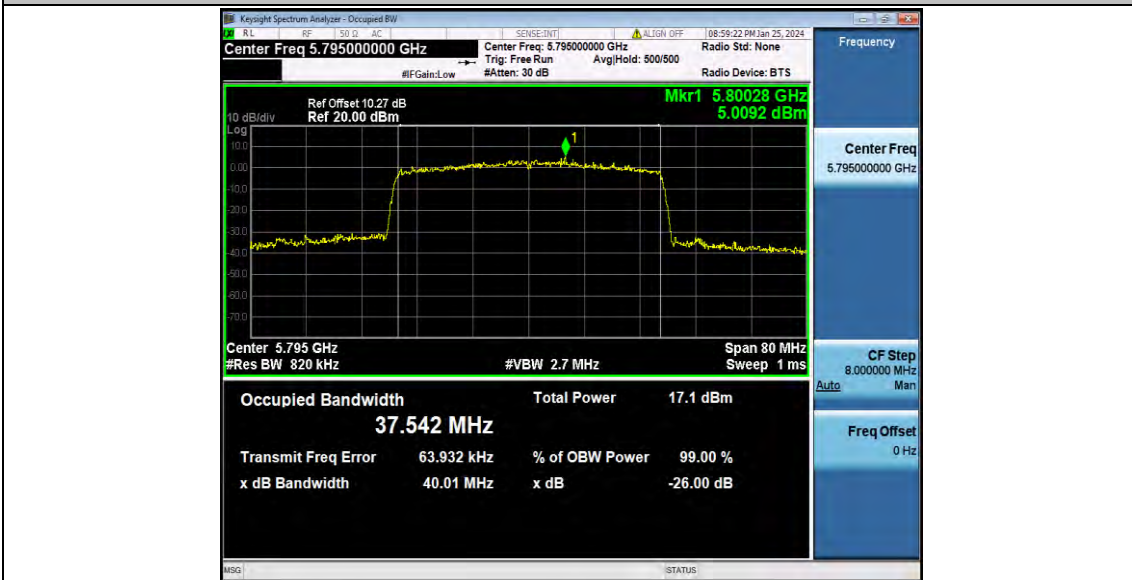
11AX20SISO\_Ant1\_5825



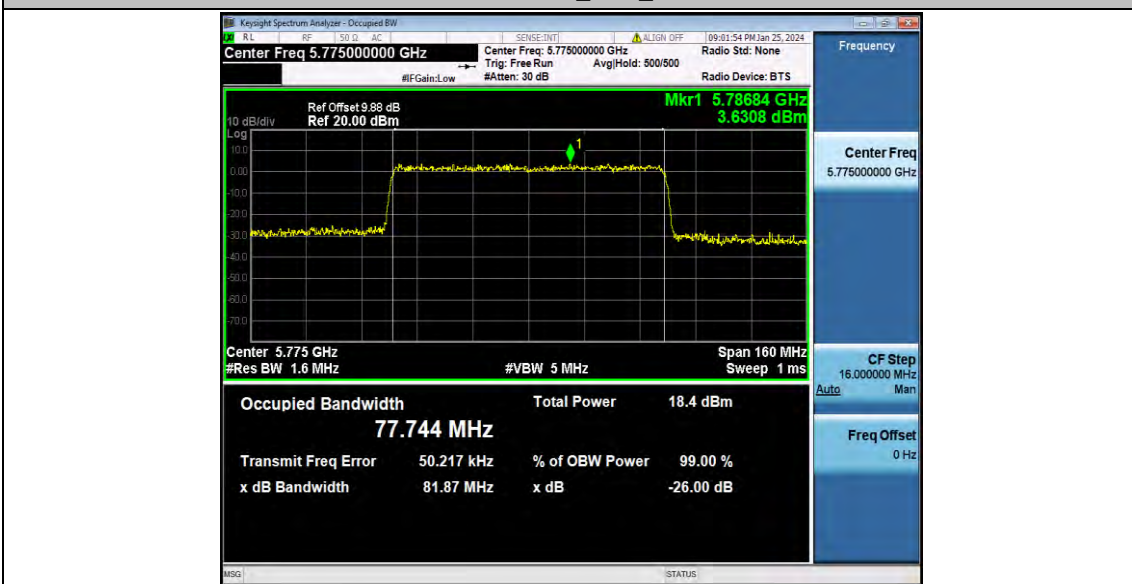
11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775

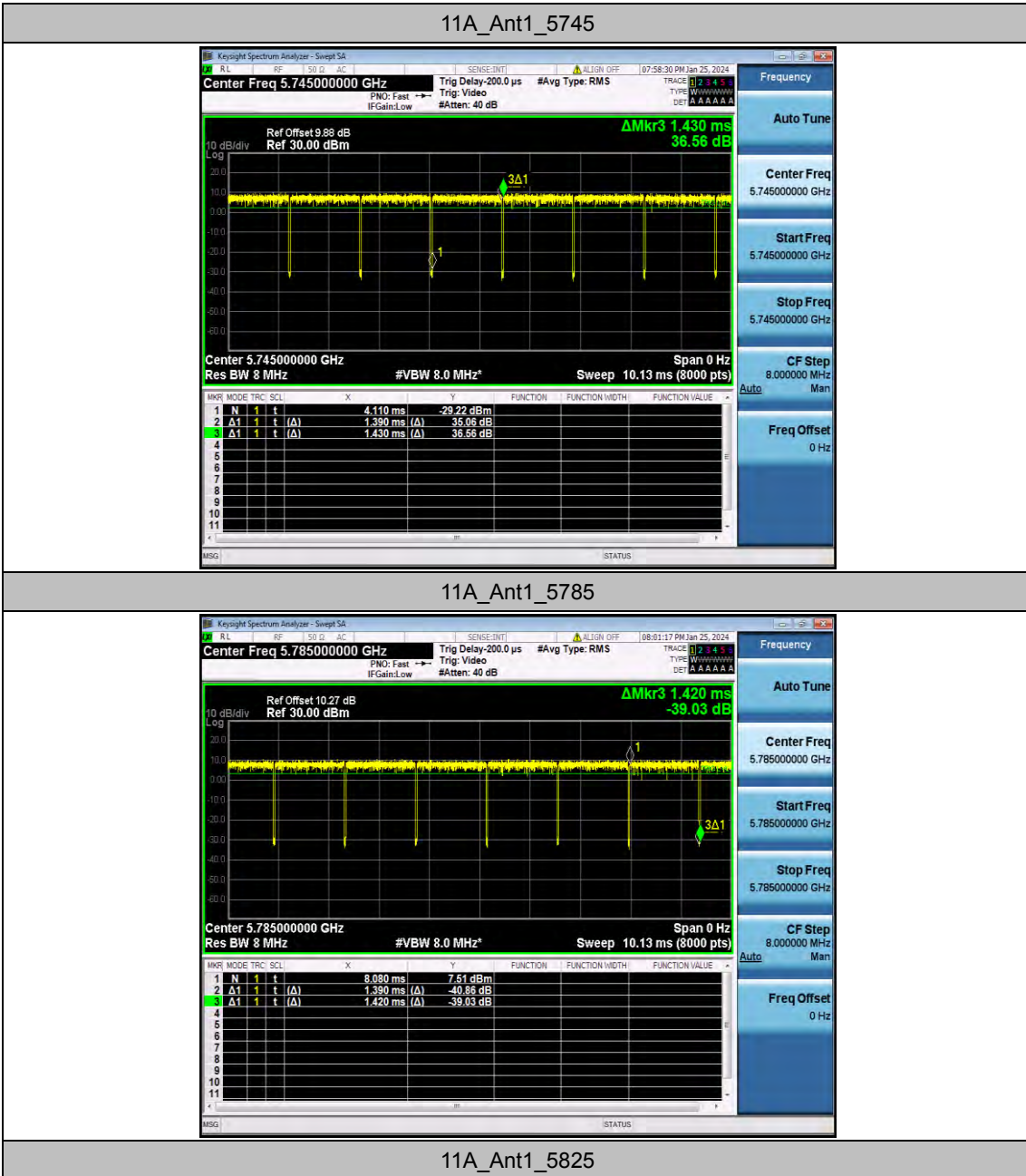


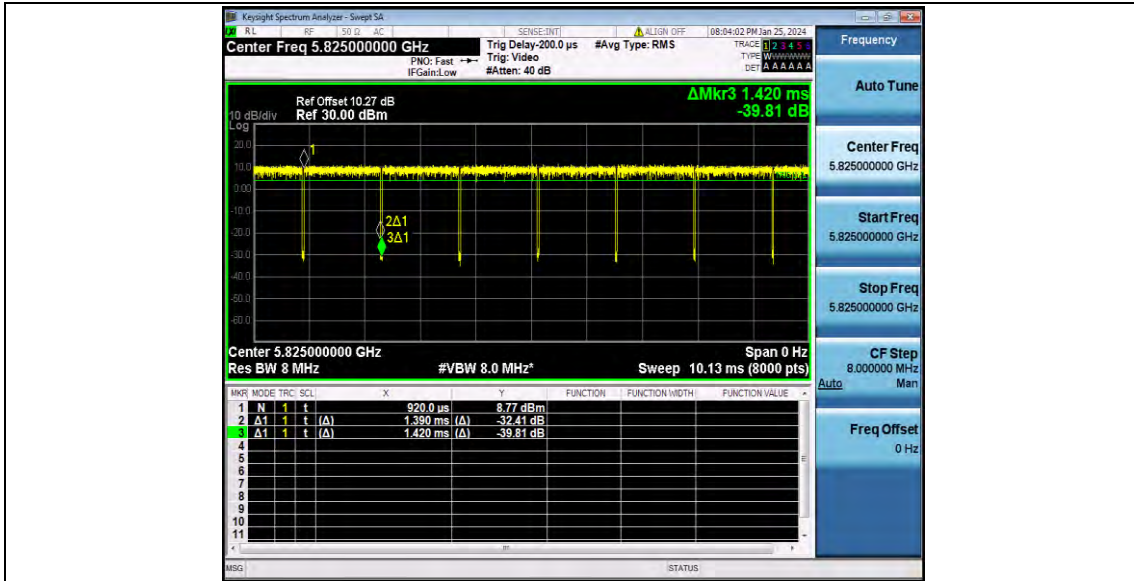
## Appendix G.3: Duty Cycle

### Test Result

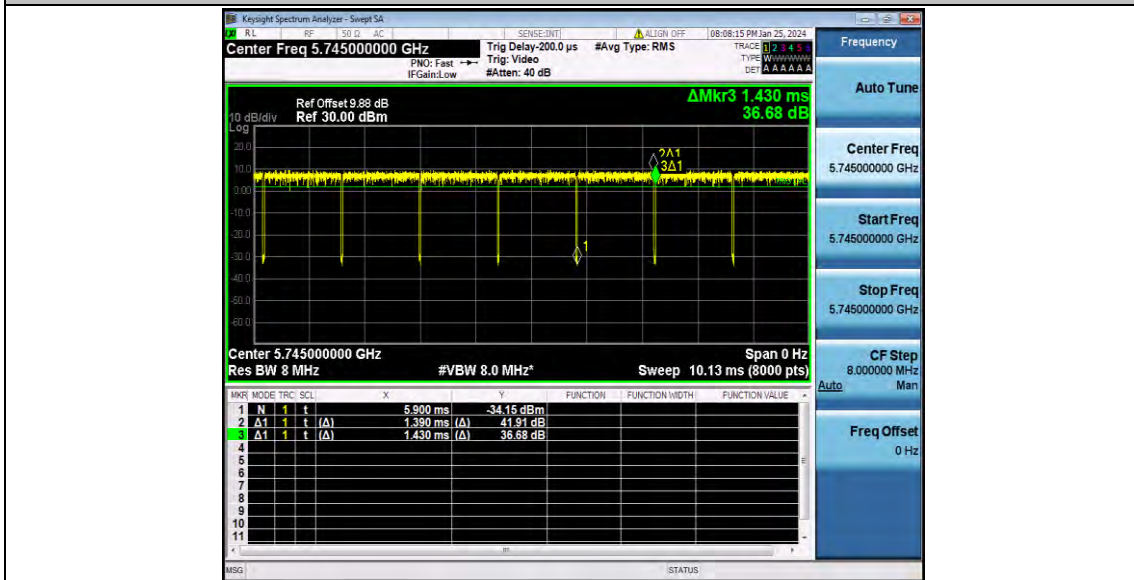
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.39	1.43	97.20	0.12	0.72
		5785	1.39	1.42	97.89	0.09	0.72
		5825	1.39	1.42	97.89	0.09	0.72
11N20SISO	Ant1	5745	1.39	1.43	97.20	0.12	0.72
		5785	1.39	1.43	97.20	0.12	0.72
		5825	1.39	1.42	97.89	0.09	0.72
11N40SISO	Ant1	5755	0.65	0.69	94.20	0.26	1.54
		5795	0.65	0.68	95.59	0.20	1.54
11AC20SISO	Ant1	5745	1.31	1.35	97.04	0.13	0.76
		5785	1.31	1.34	97.76	0.10	0.76
		5825	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5755	0.65	0.68	95.59	0.20	1.54
		5795	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5775	0.32	0.35	91.43	0.39	3.13
11AX20SISO	Ant1	5745	1.01	1.05	96.19	0.17	0.99
		5785	1.01	1.05	96.19	0.17	0.99
		5825	1.01	1.05	96.19	0.17	0.99
11AX40SISO	Ant1	5755	0.53	0.57	92.98	0.32	1.89
		5795	0.53	0.57	92.98	0.32	1.89
11AX80SISO	Ant1	5775	3.38	6.67	50.67	2.95	0.30

## Test Graphs

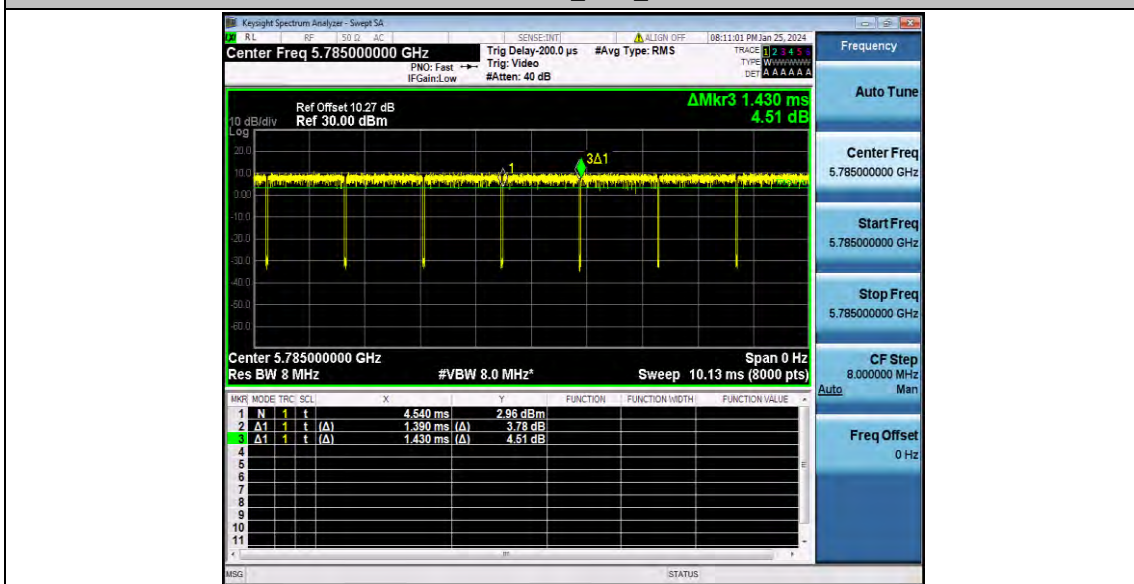




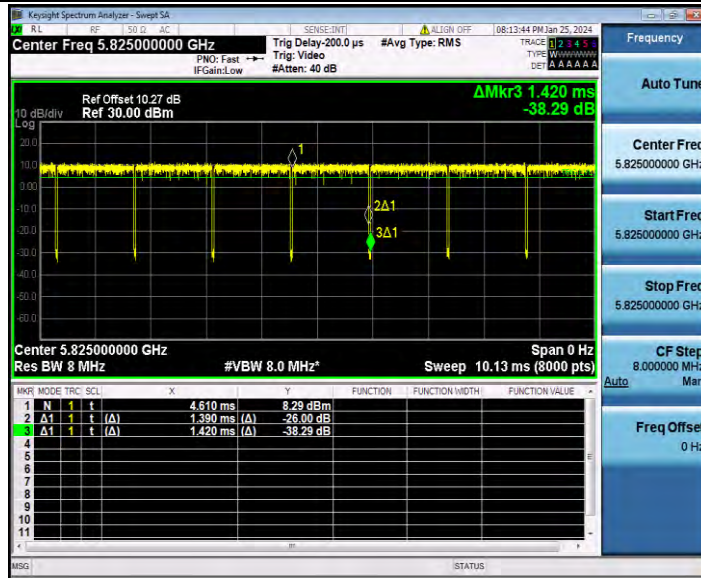
11N20SISO\_Ant1\_5745



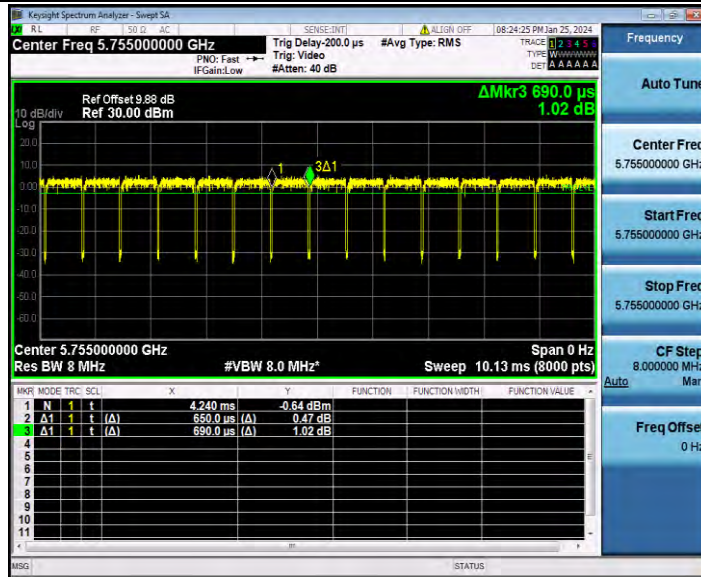
11N20SISO\_Ant1\_5785



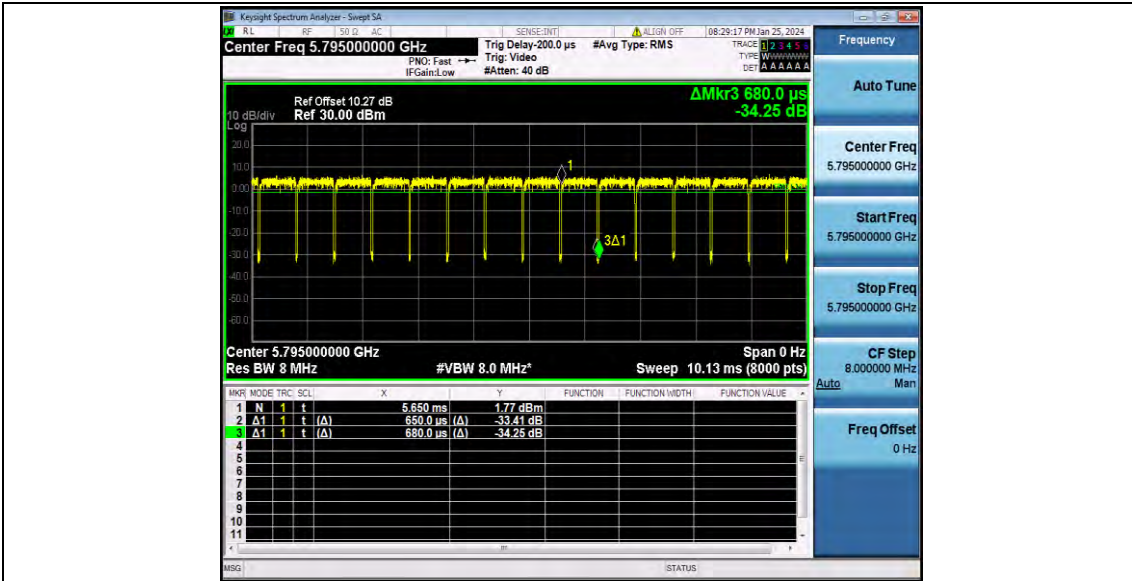
11N20SISO\_Ant1\_5825



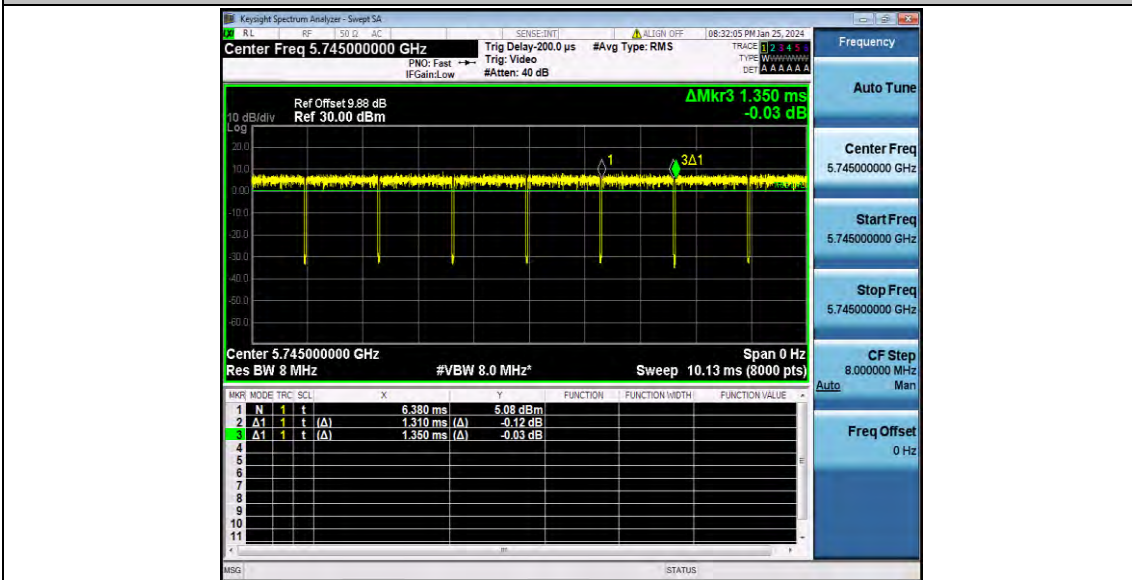
11N40SISO\_Ant1\_5755



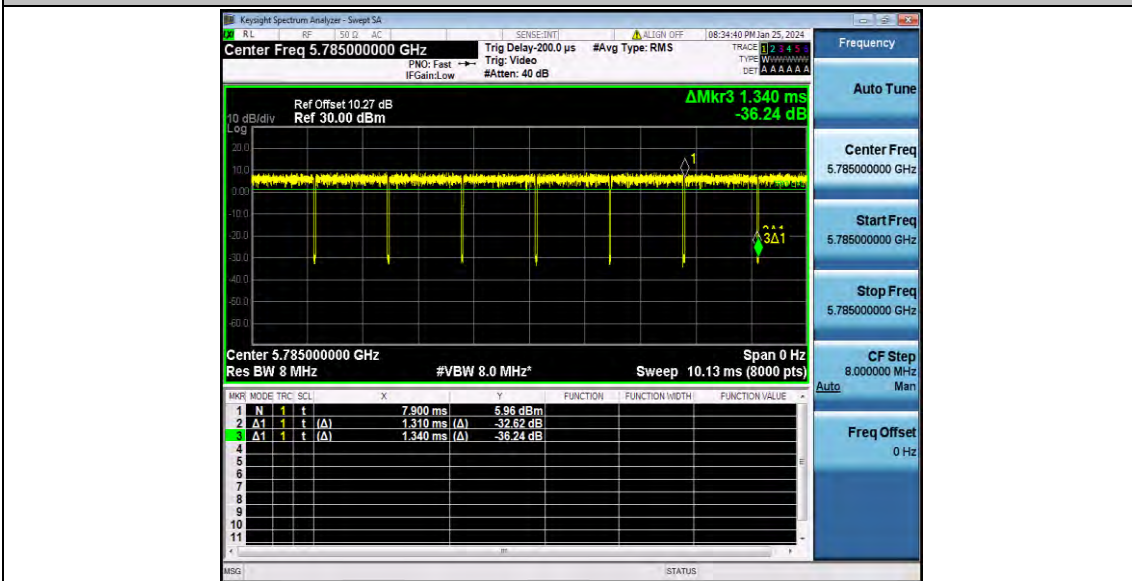
11N40SISO\_Ant1\_5795



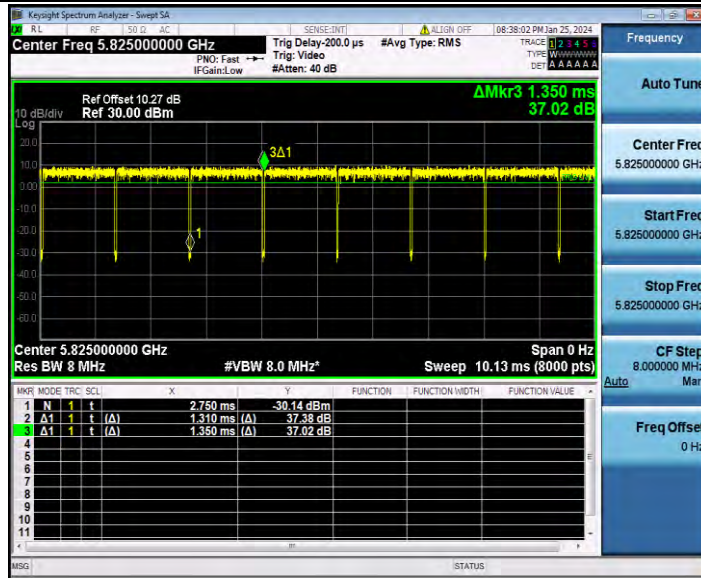
11AC20SISO\_Ant1\_5745



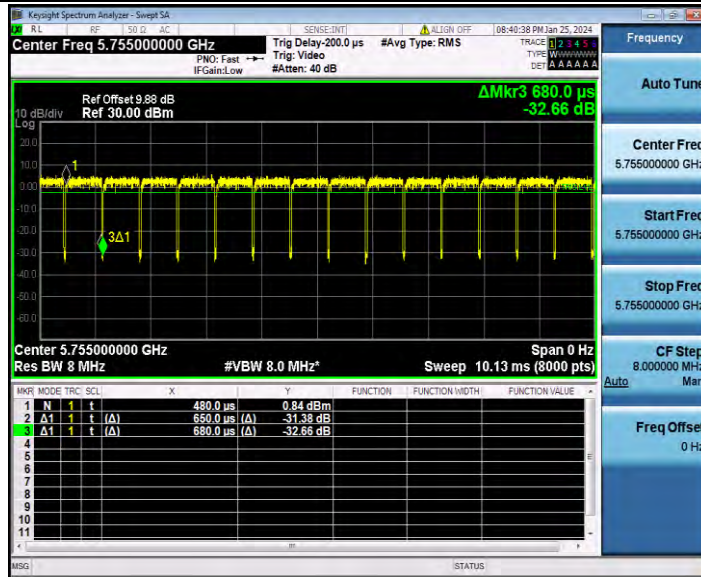
11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825

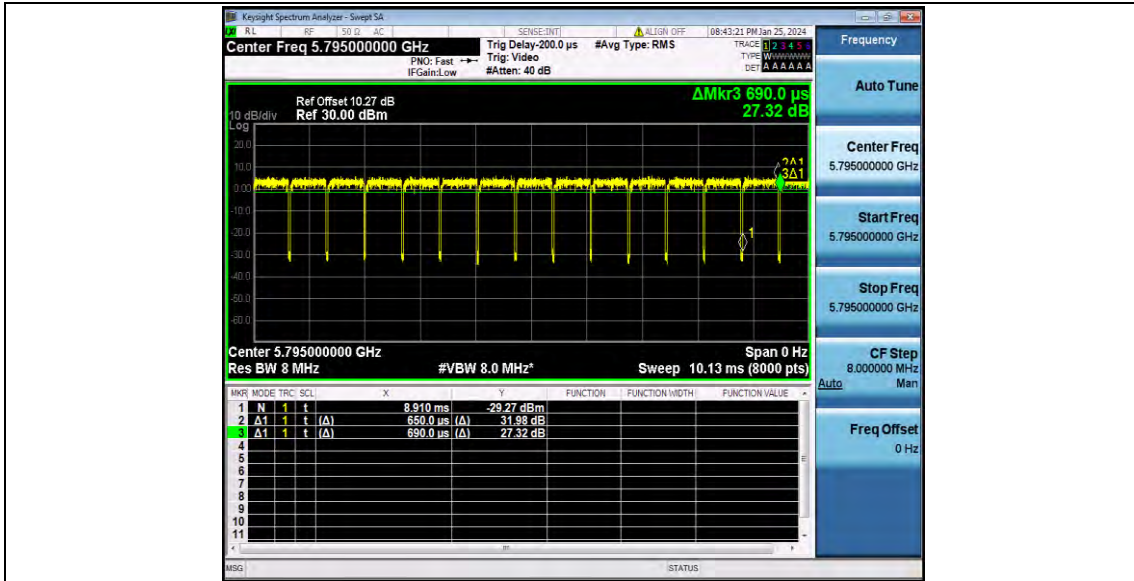


11AC40SISO\_Ant1\_5755

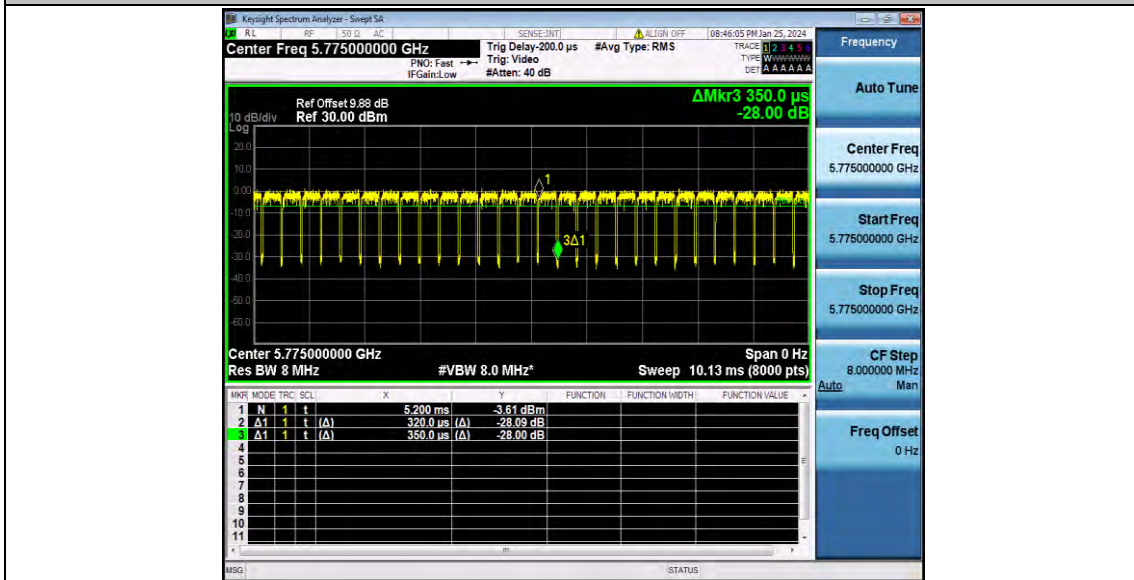


11AC40SISO\_Ant1\_5795

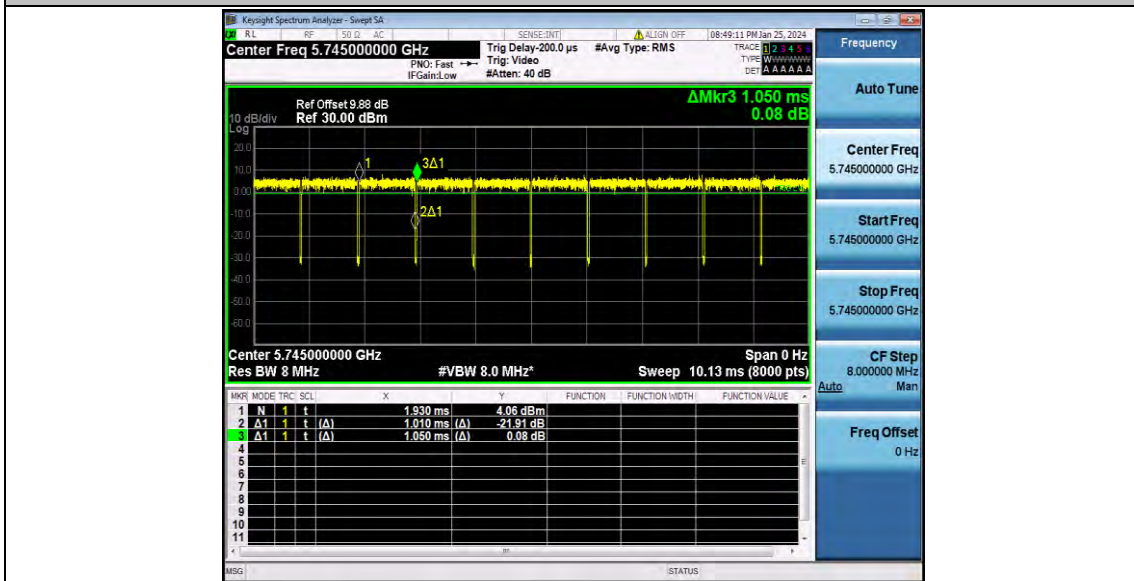




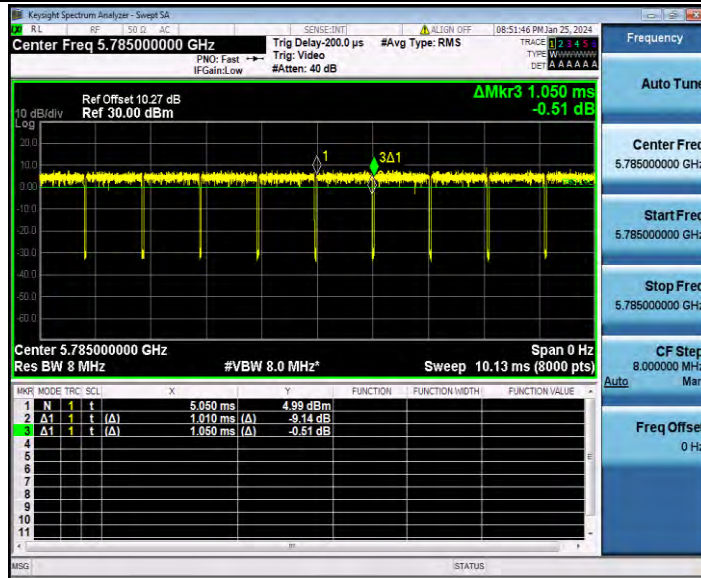
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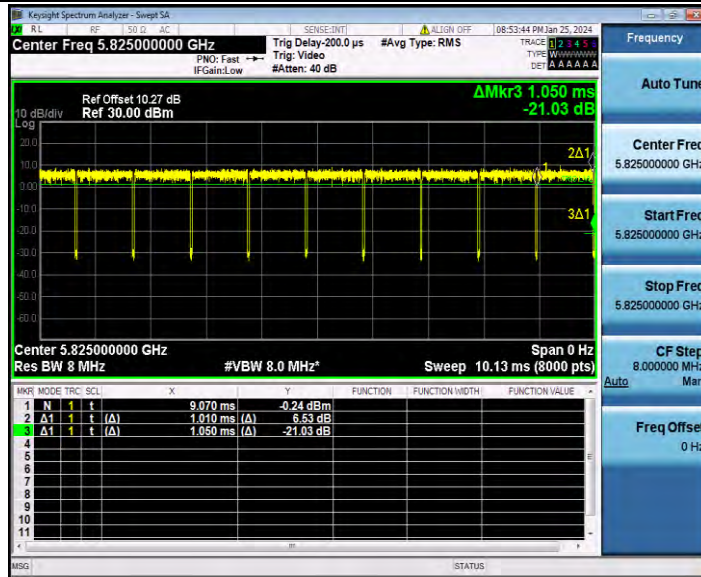
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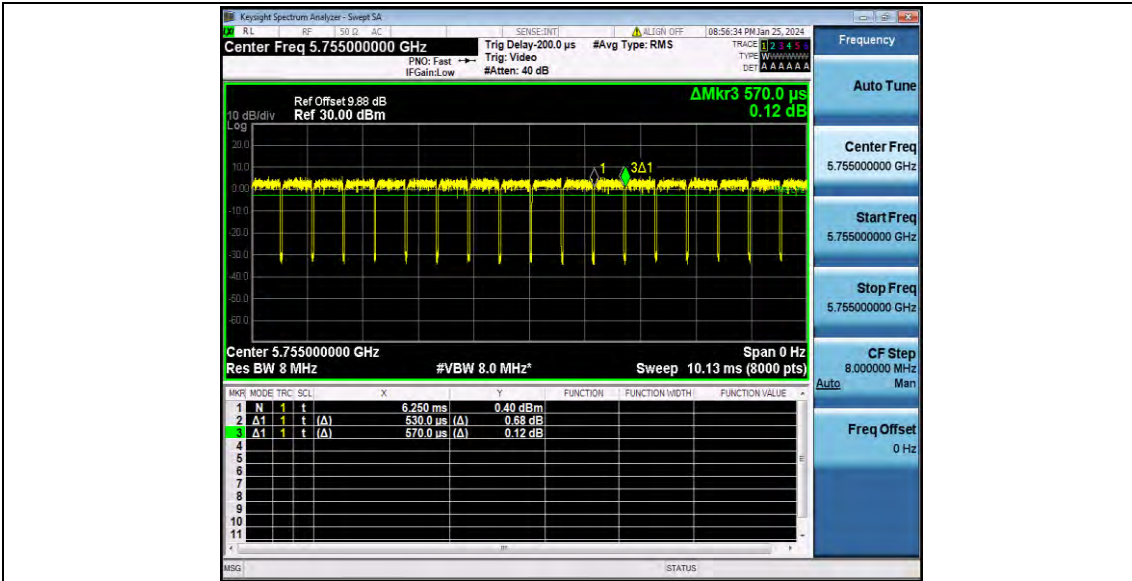
11AX20SISO\_Ant1\_5785



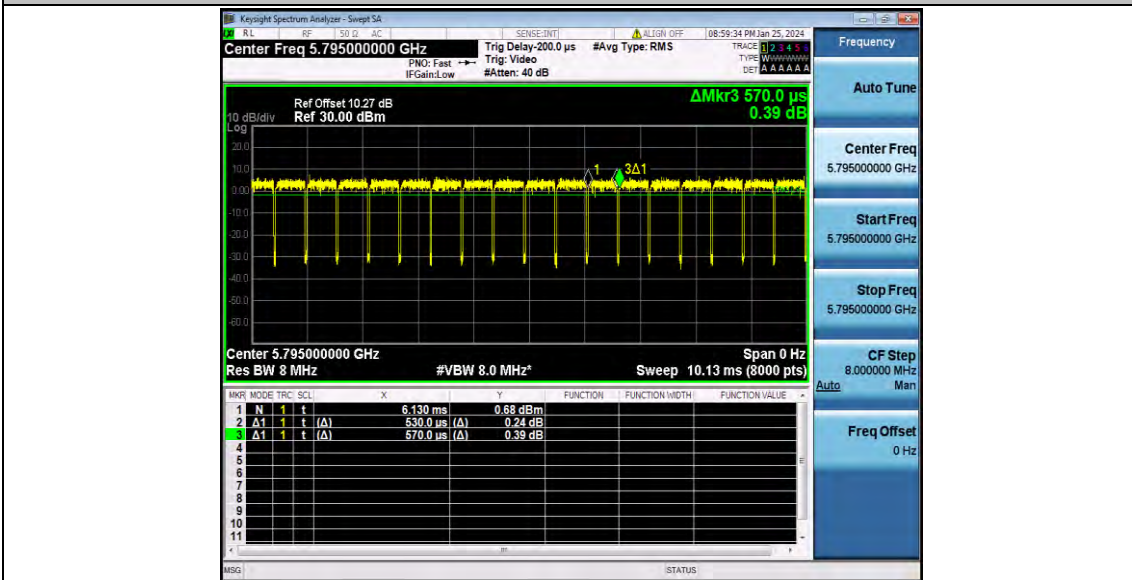
11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775

