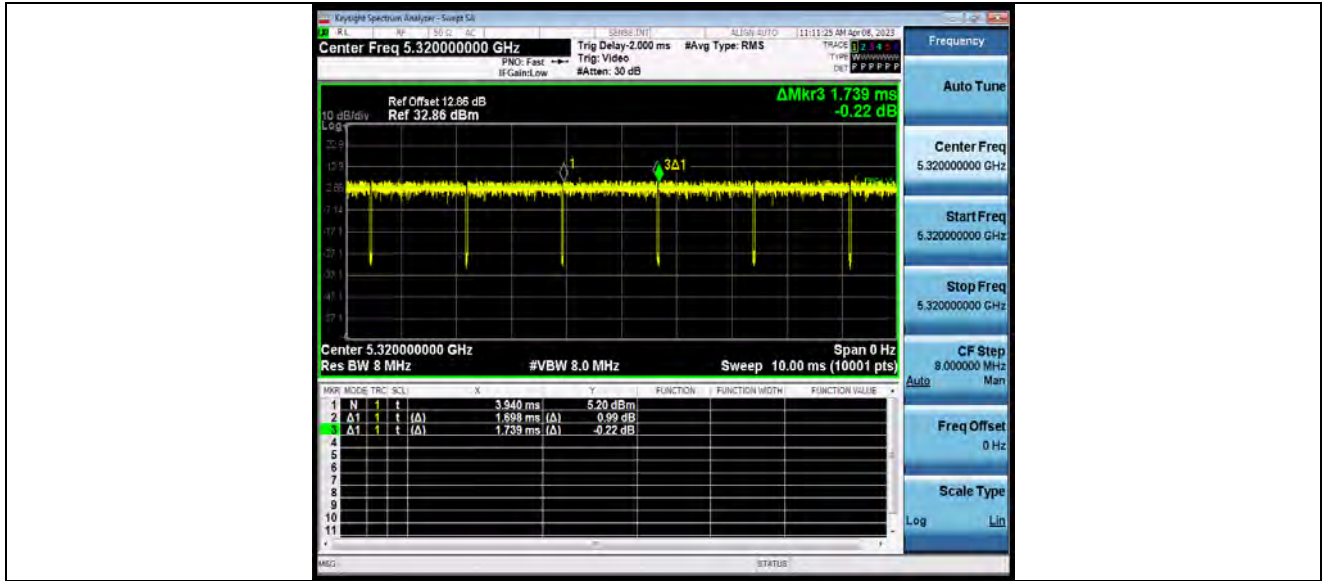


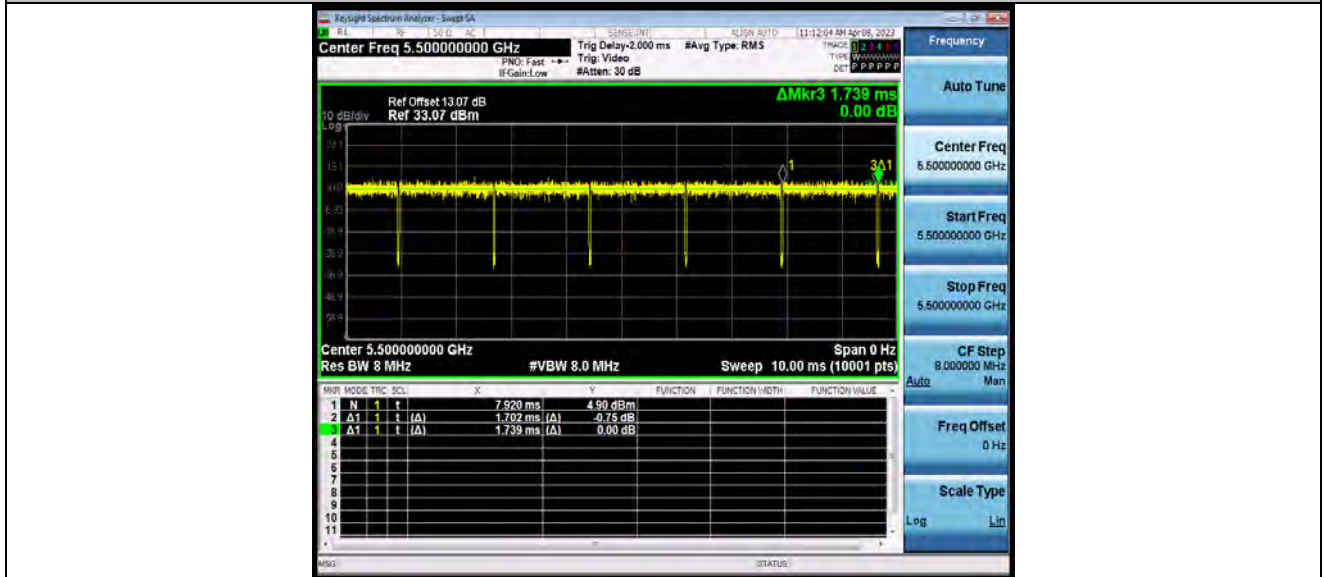


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N20SISO\_Ant1\_5500

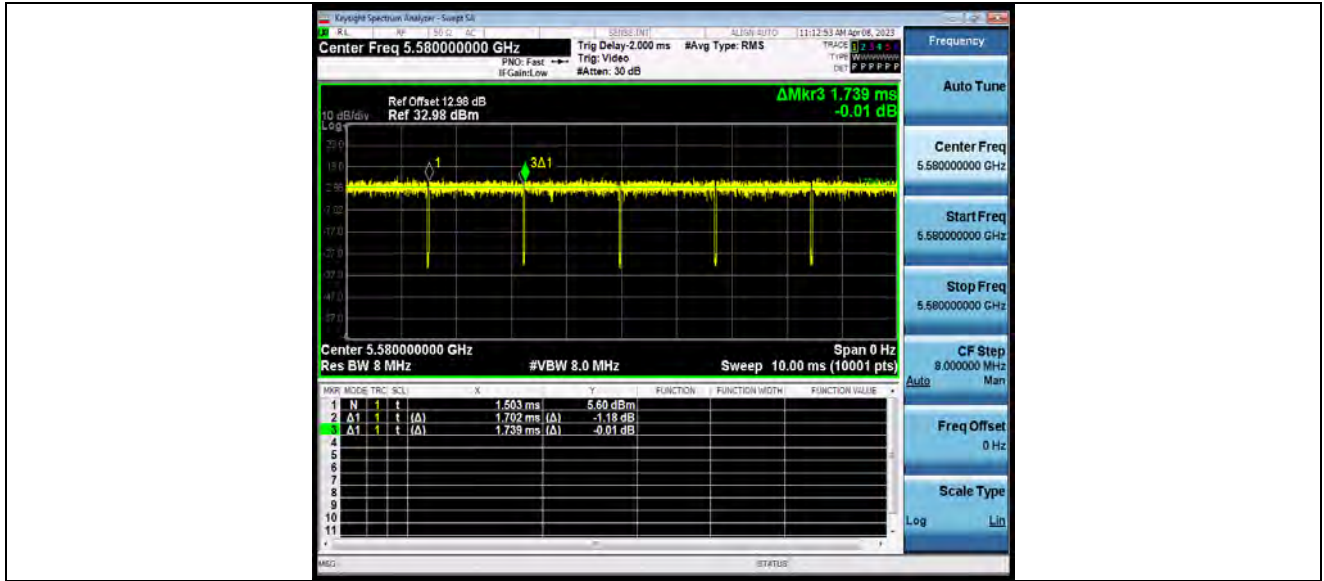


11N20SISO\_Ant1\_5580

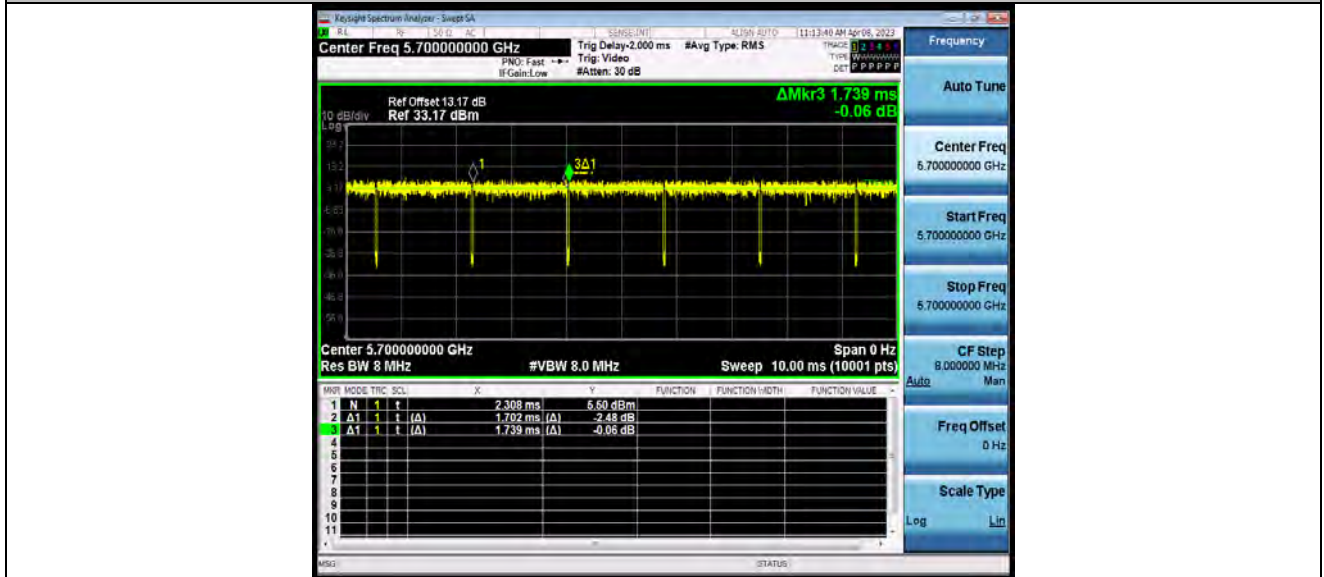


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N20SISO\_Ant1\_5700

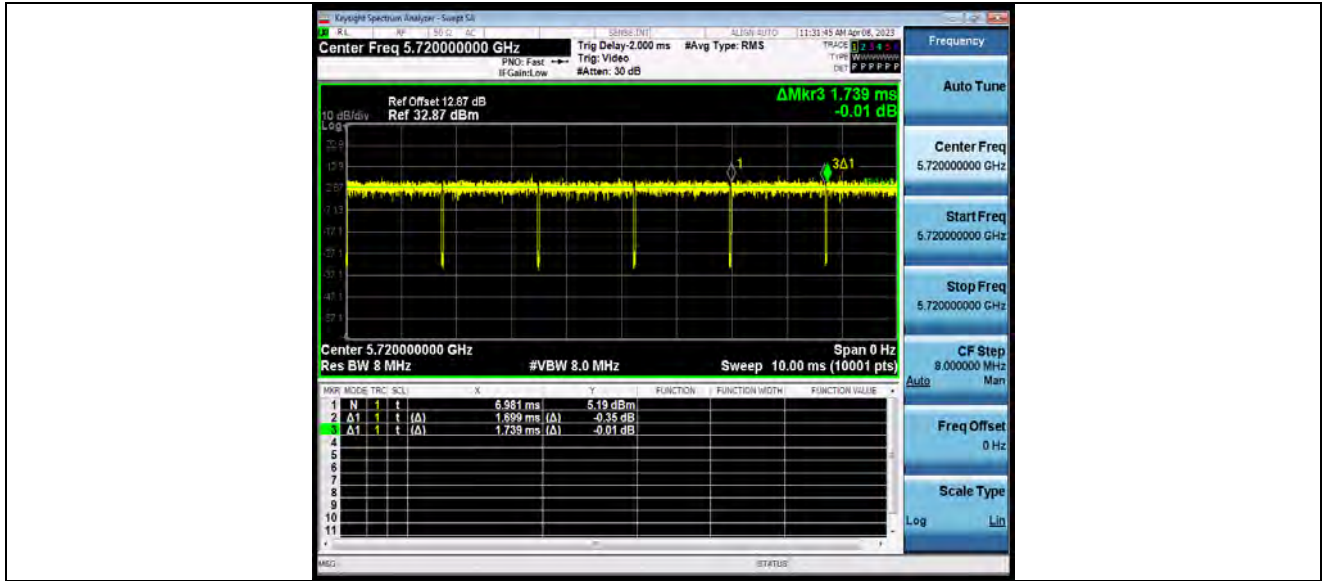


11N20SISO\_Ant1\_5720

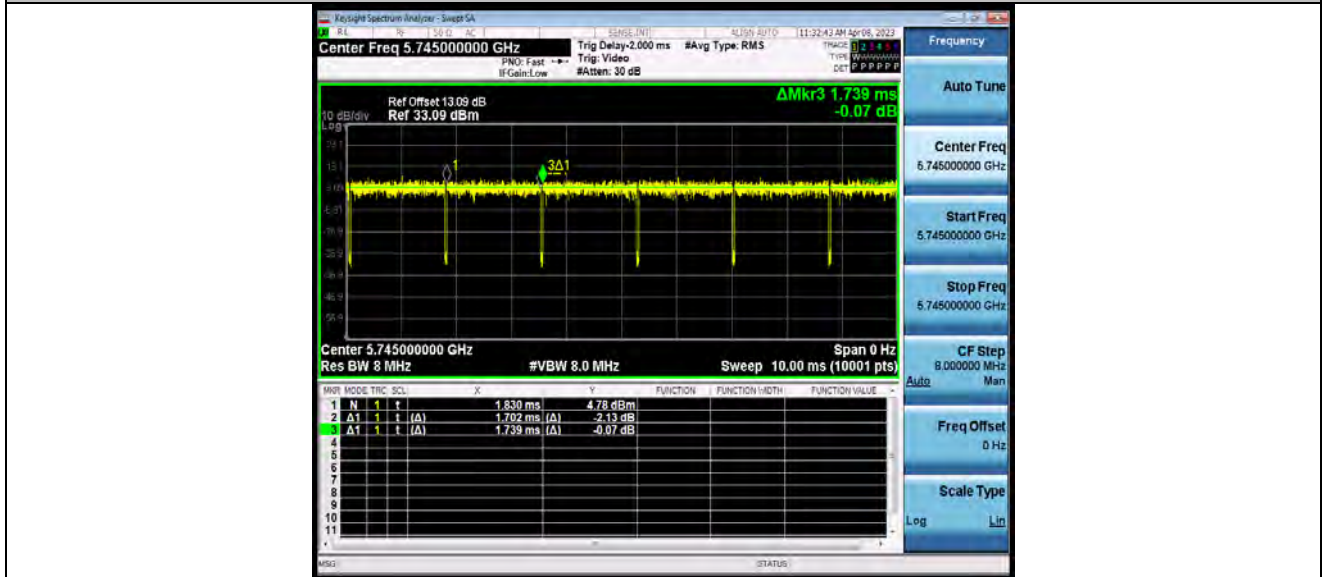


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N20SISO\_Ant1\_5745

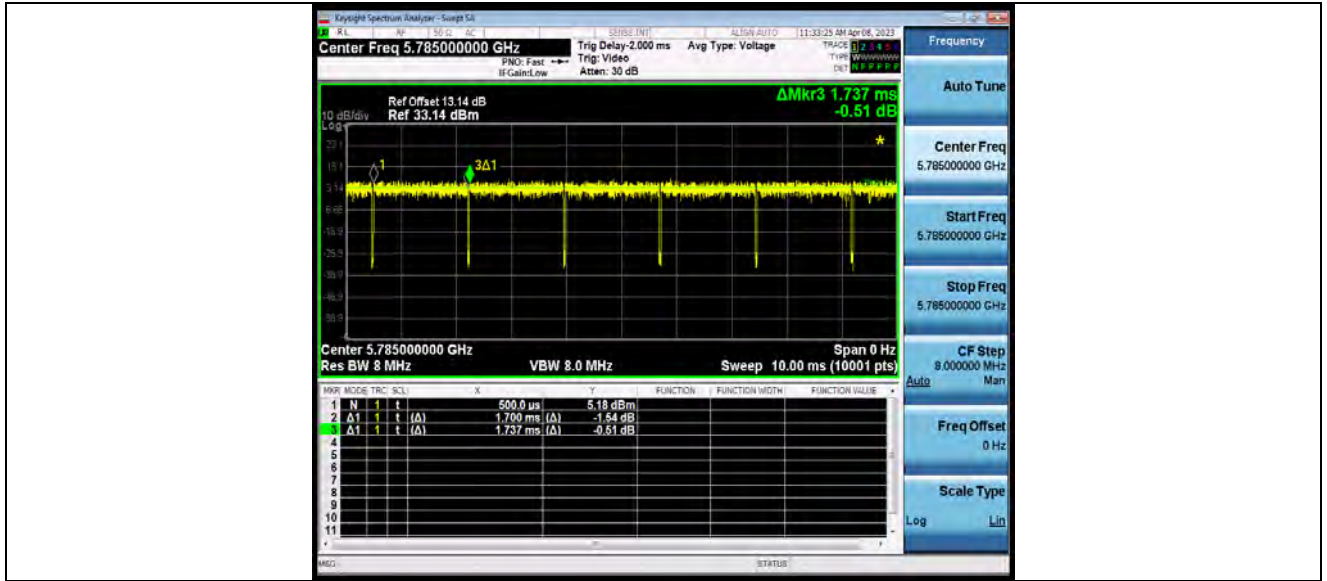


11N20SISO\_Ant1\_5785

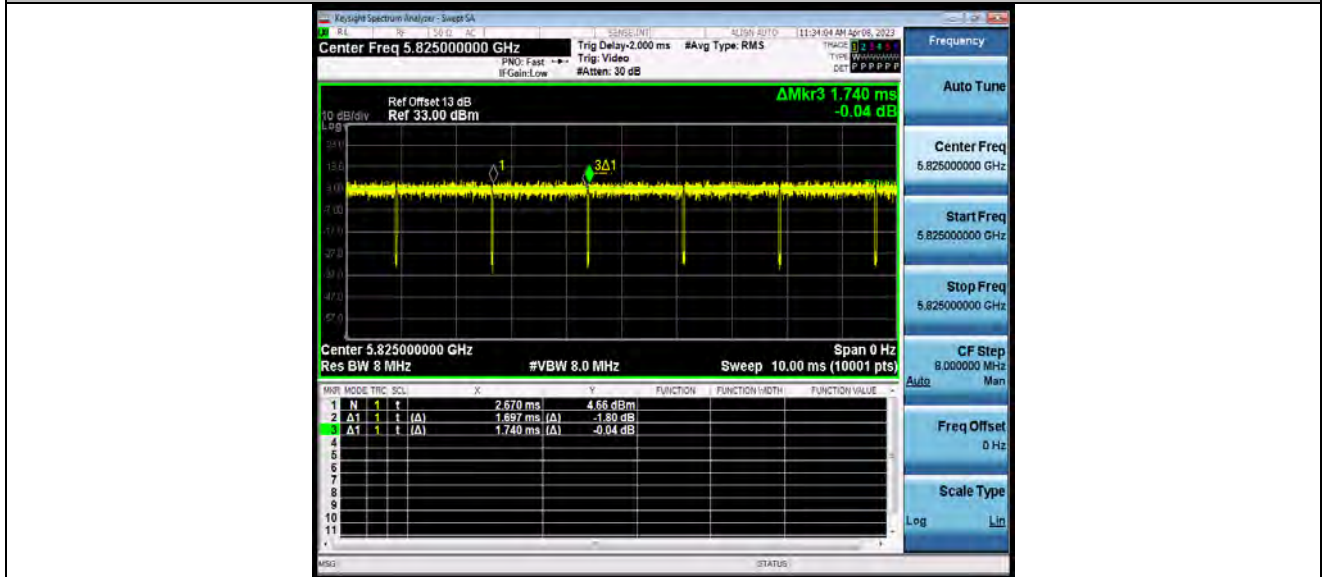


**BUREAU  
VERITAS**

Test Report No.: W7L-P23030025RF03



11N20SISO\_Ant1\_5825

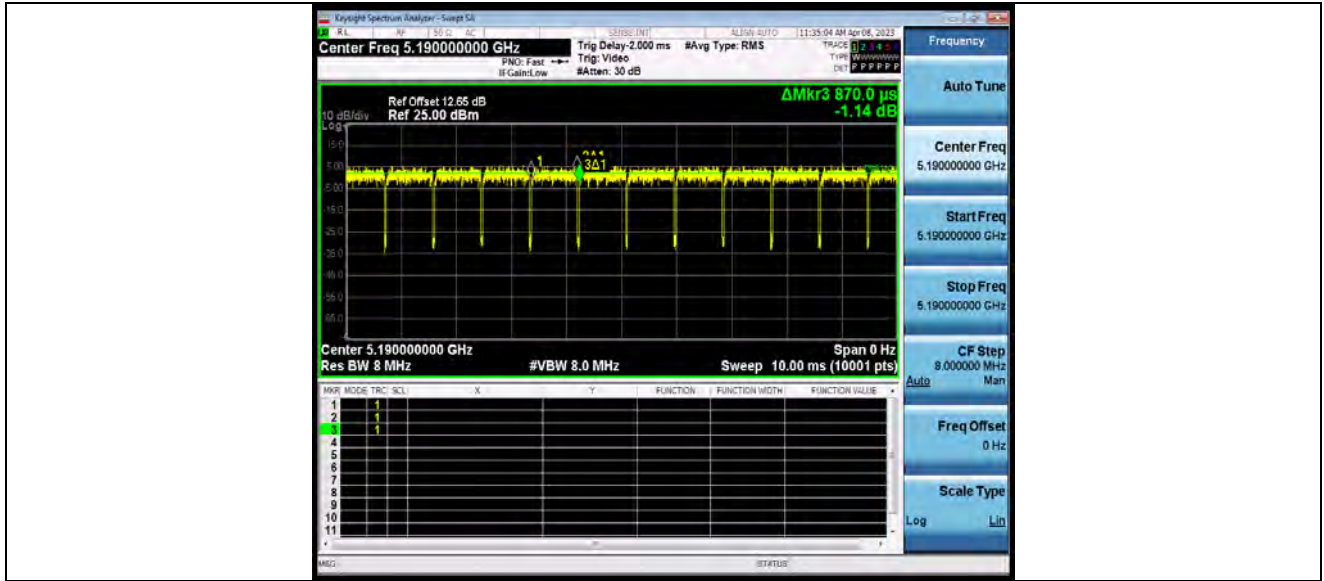


11N40SISO\_Ant1\_5190

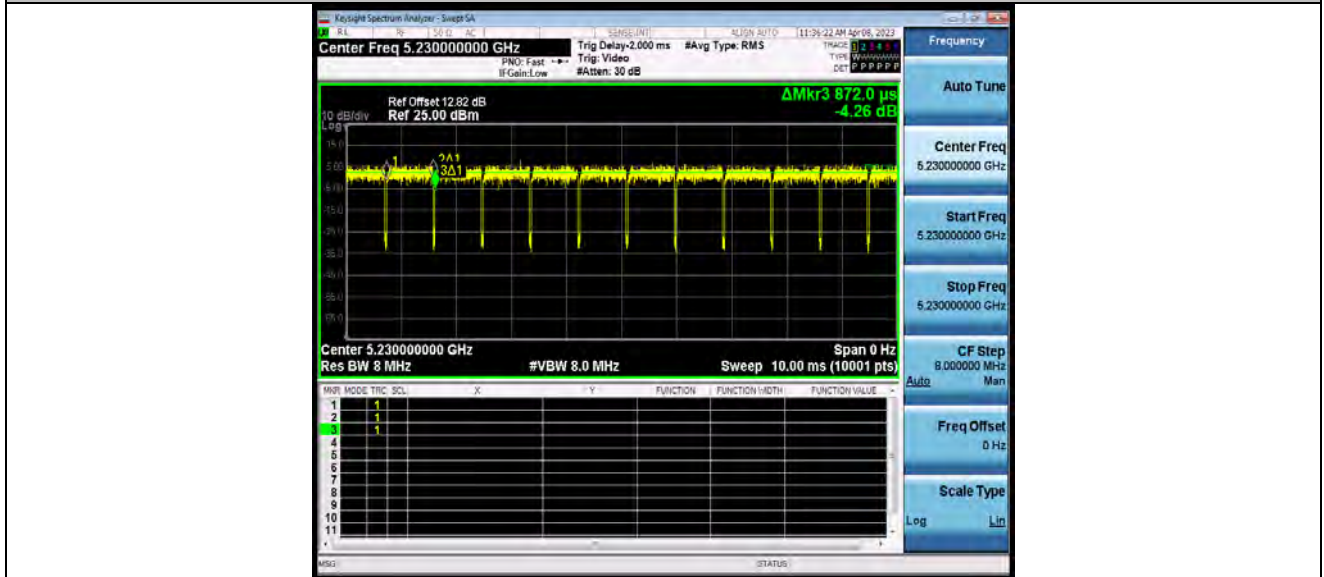


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5230

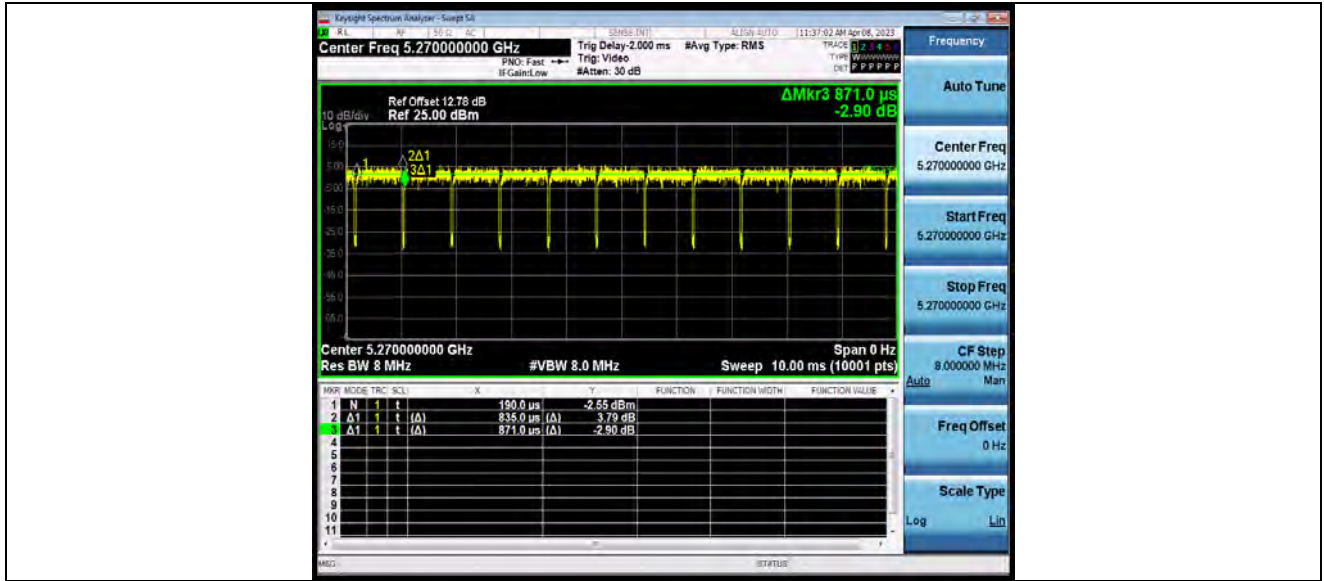


11N40SISO\_Ant1\_5270

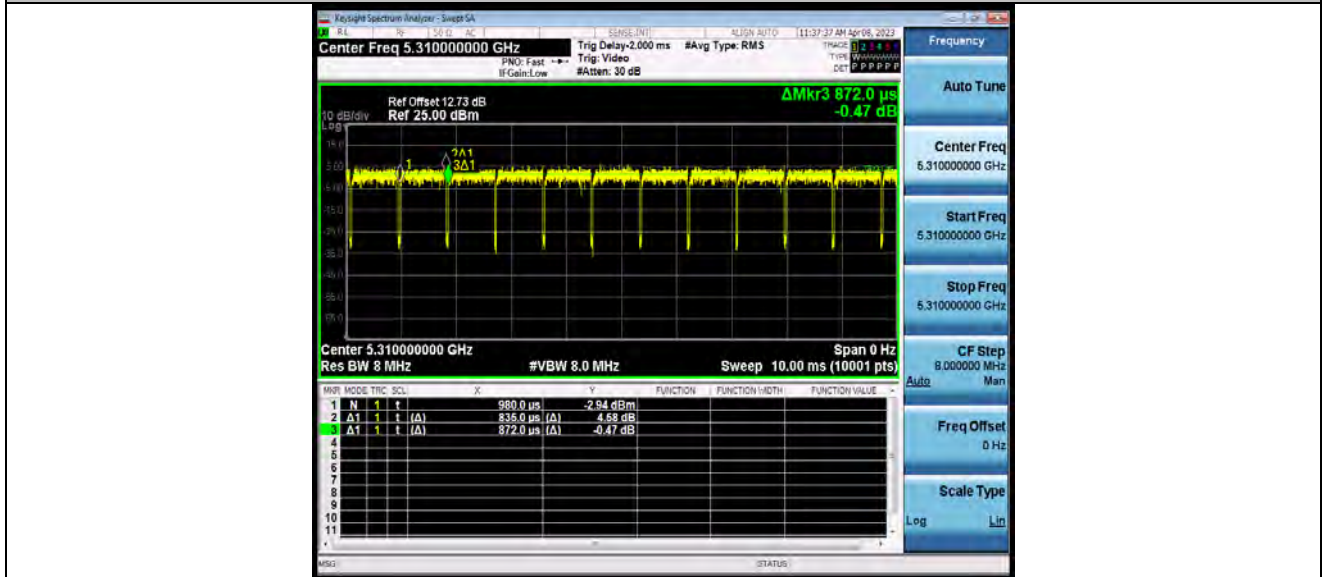


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5310

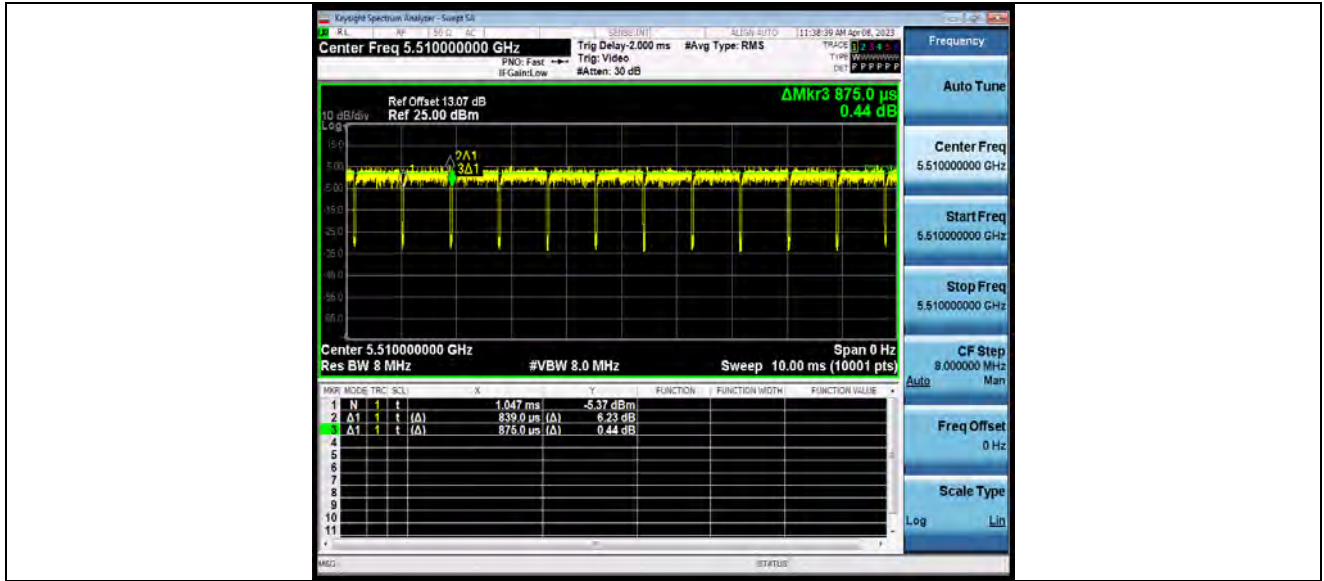


11N40SISO\_Ant1\_5510

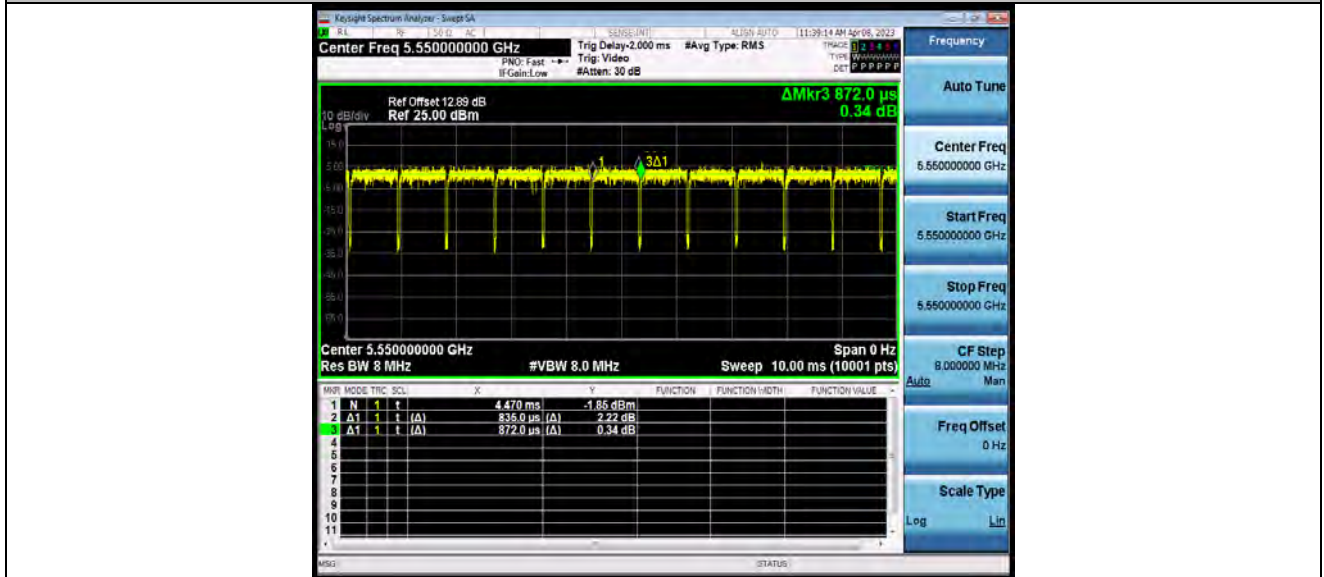


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5550

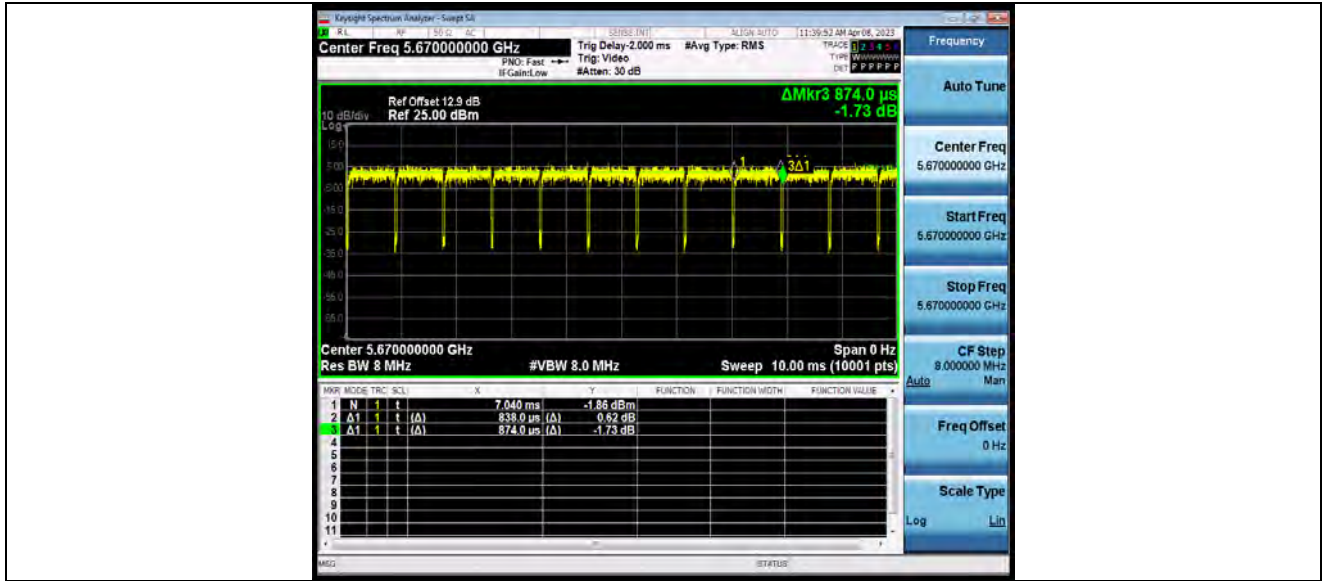


11N40SISO\_Ant1\_5670

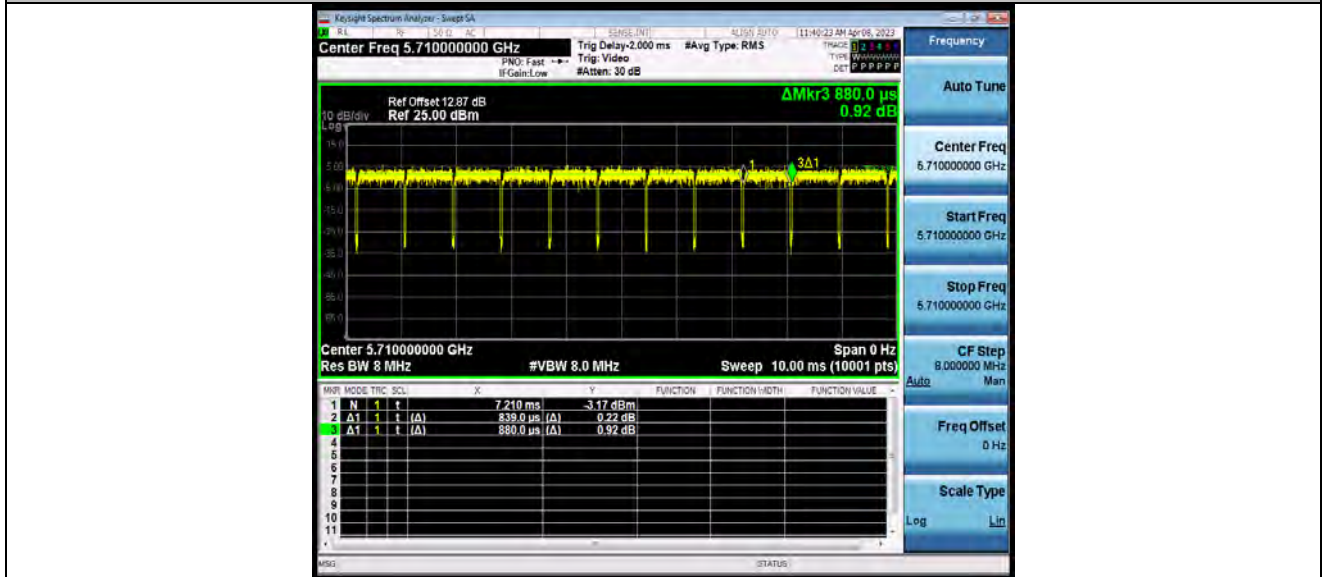


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5710



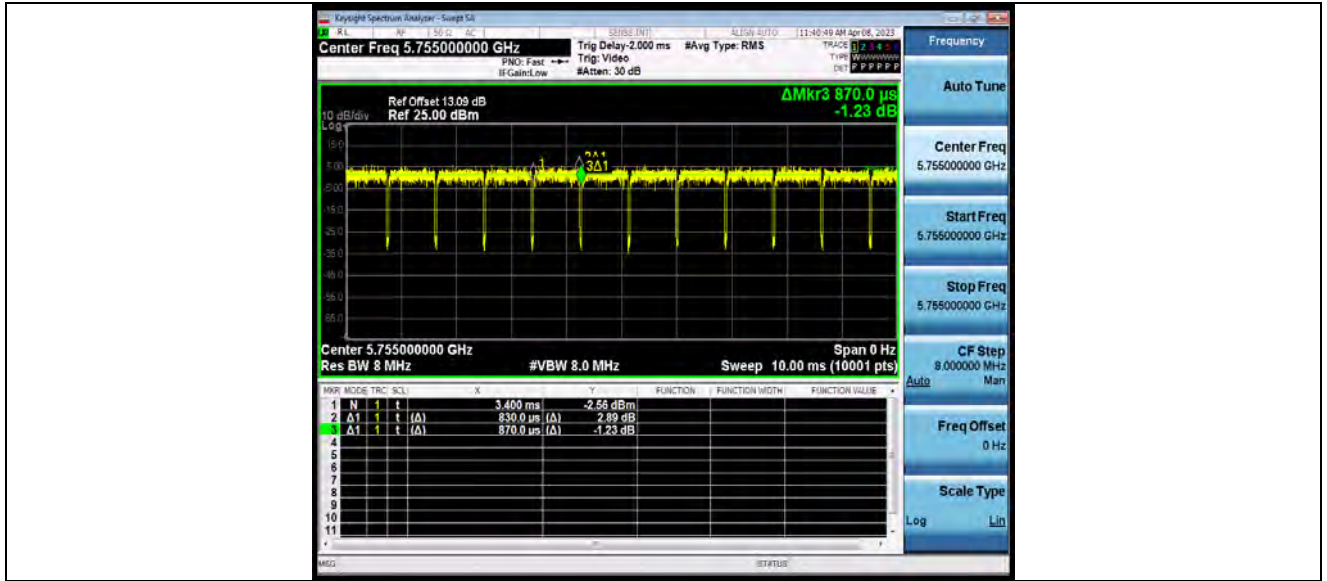
11N40SISO\_Ant1\_5755



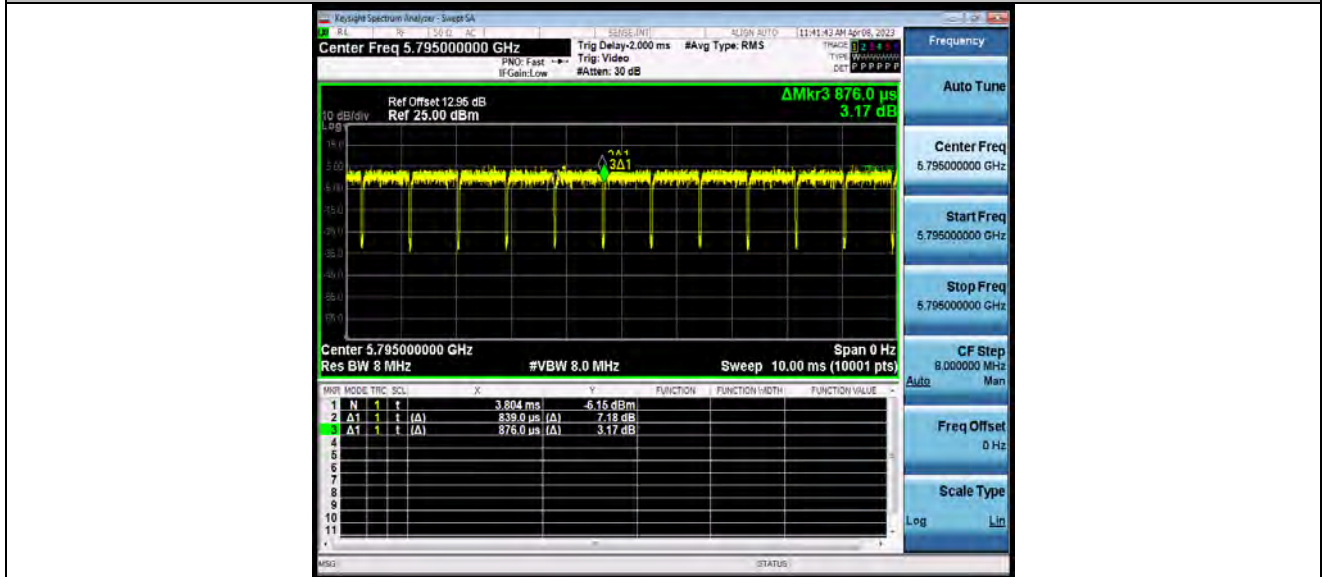


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5795

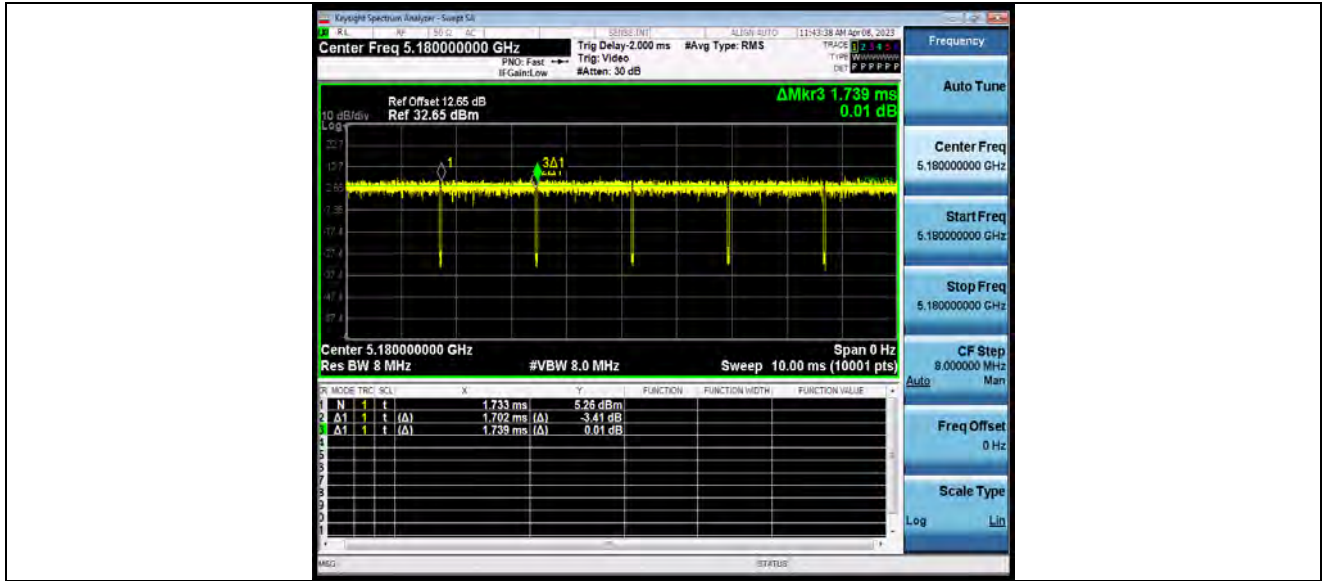


11A20SISO\_Ant1\_5180

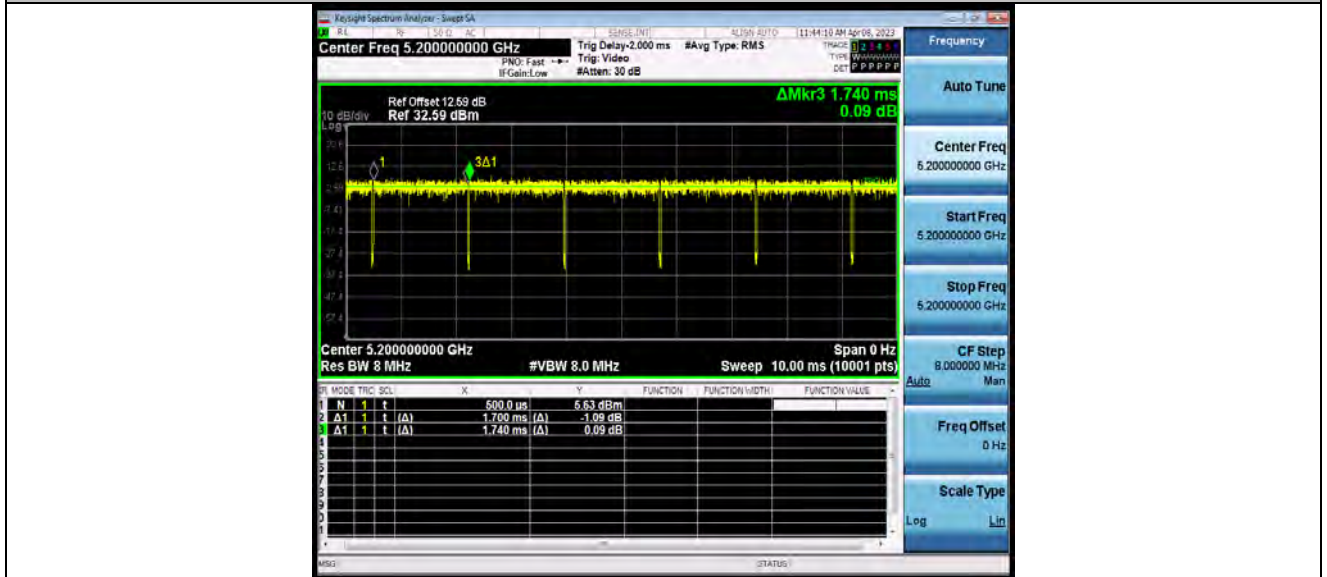


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5200

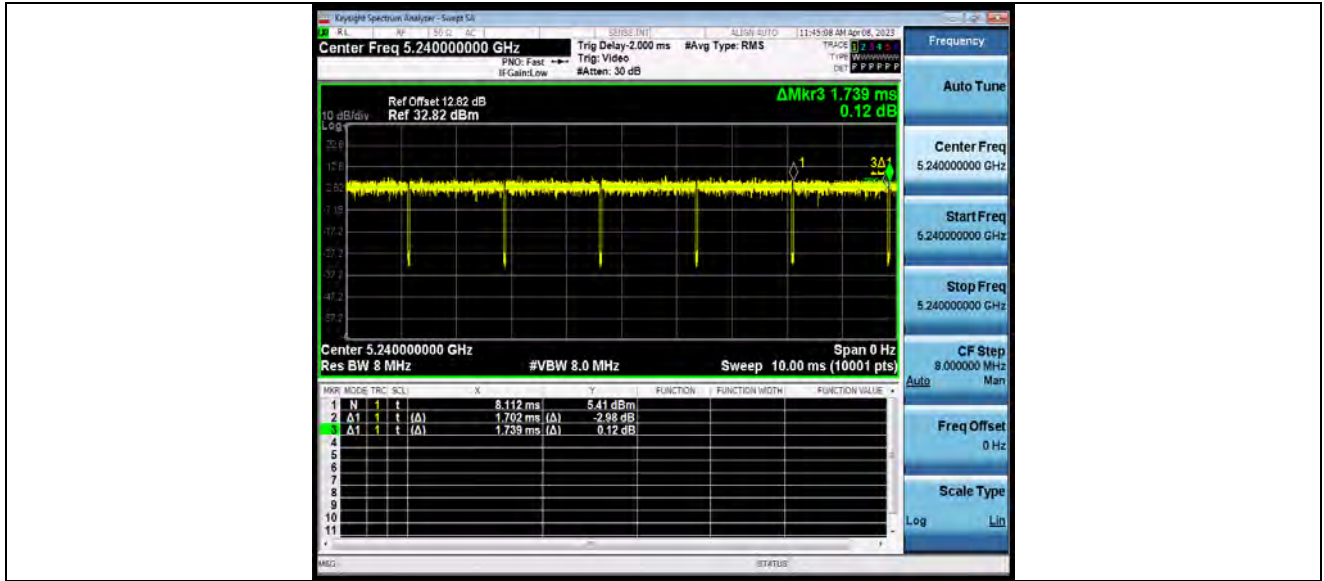


11AC20SISO\_Ant1\_5240

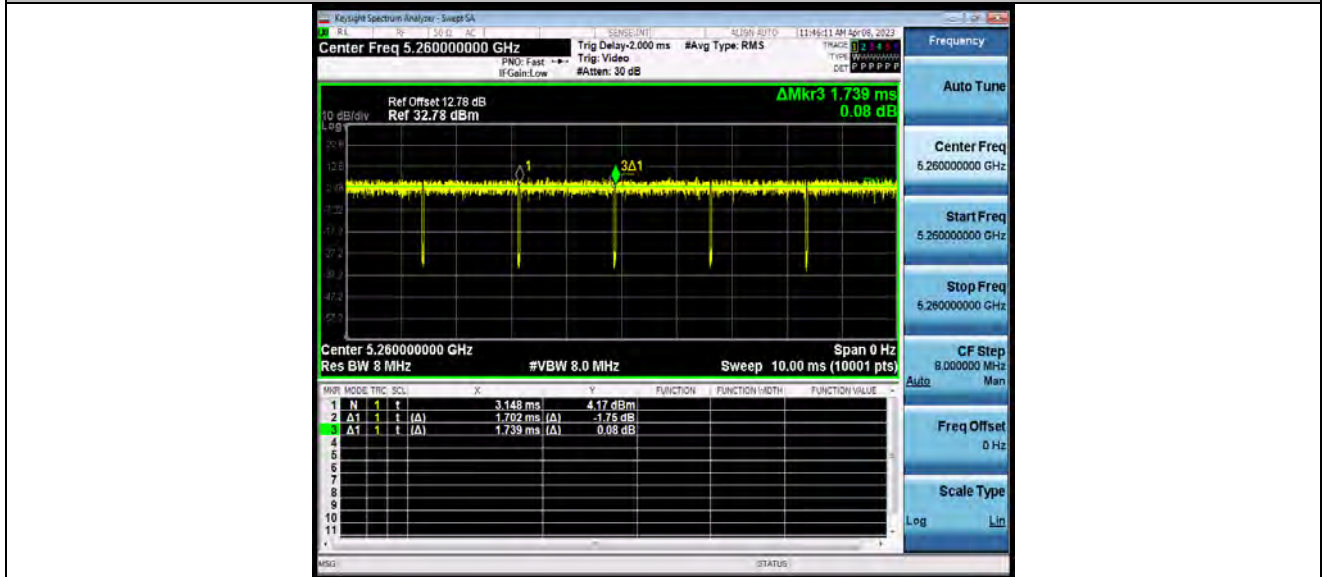


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC20ISO\_Ant1\_5260

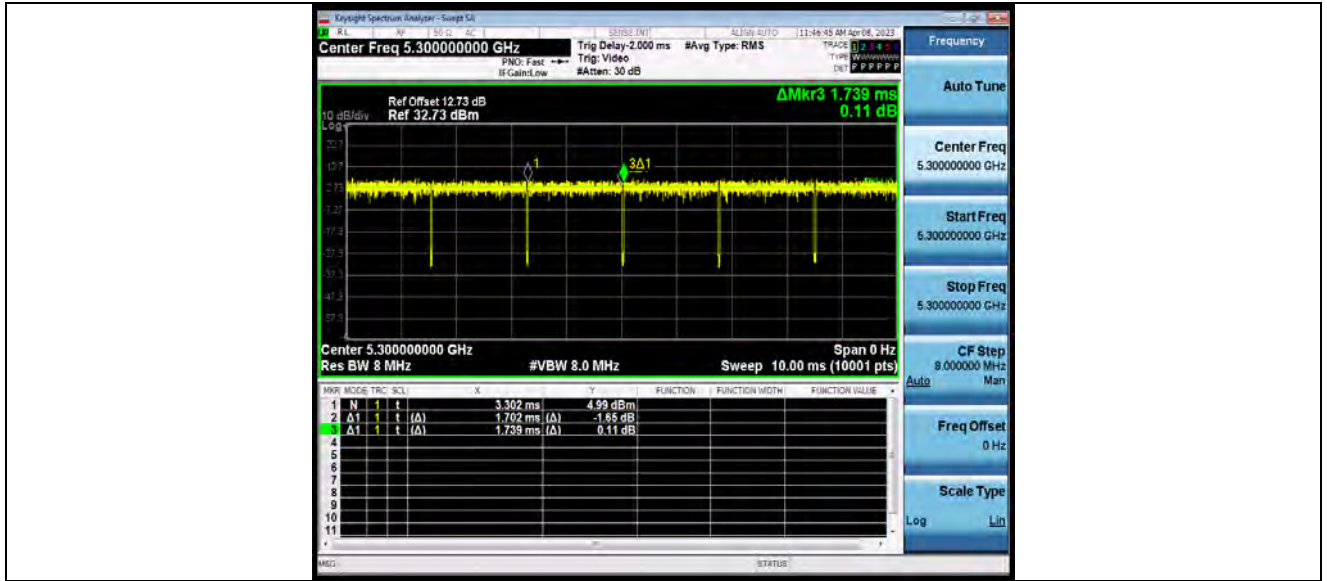


11AC20ISO\_Ant1\_5300

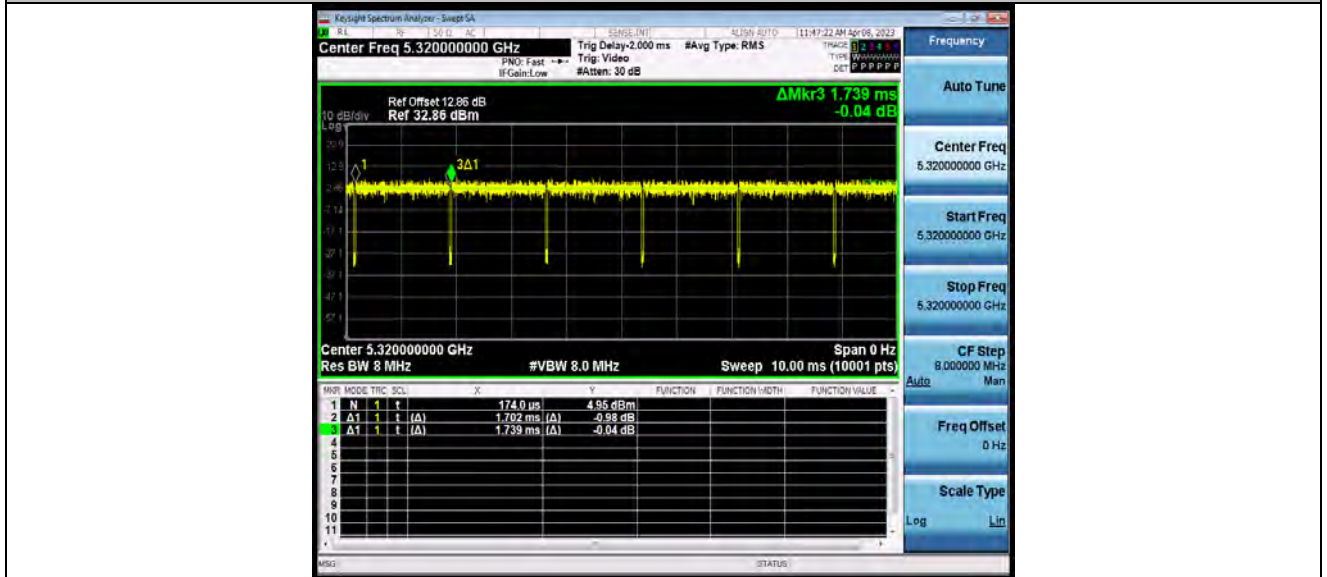


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5320

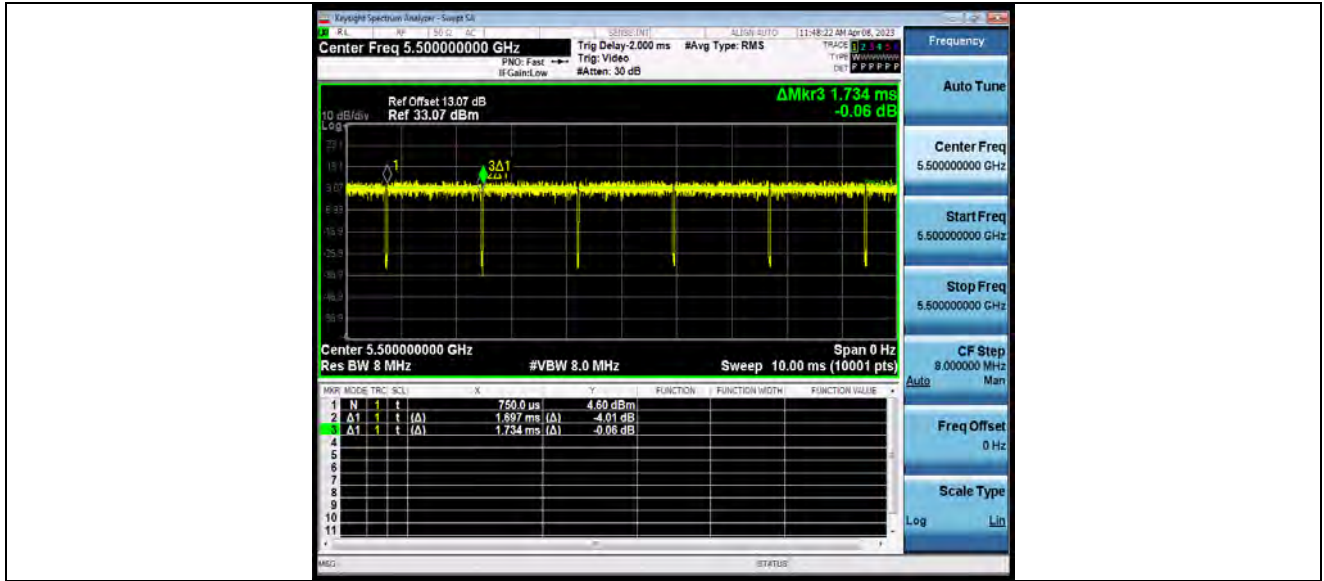


11AC20SISO\_Ant1\_5500

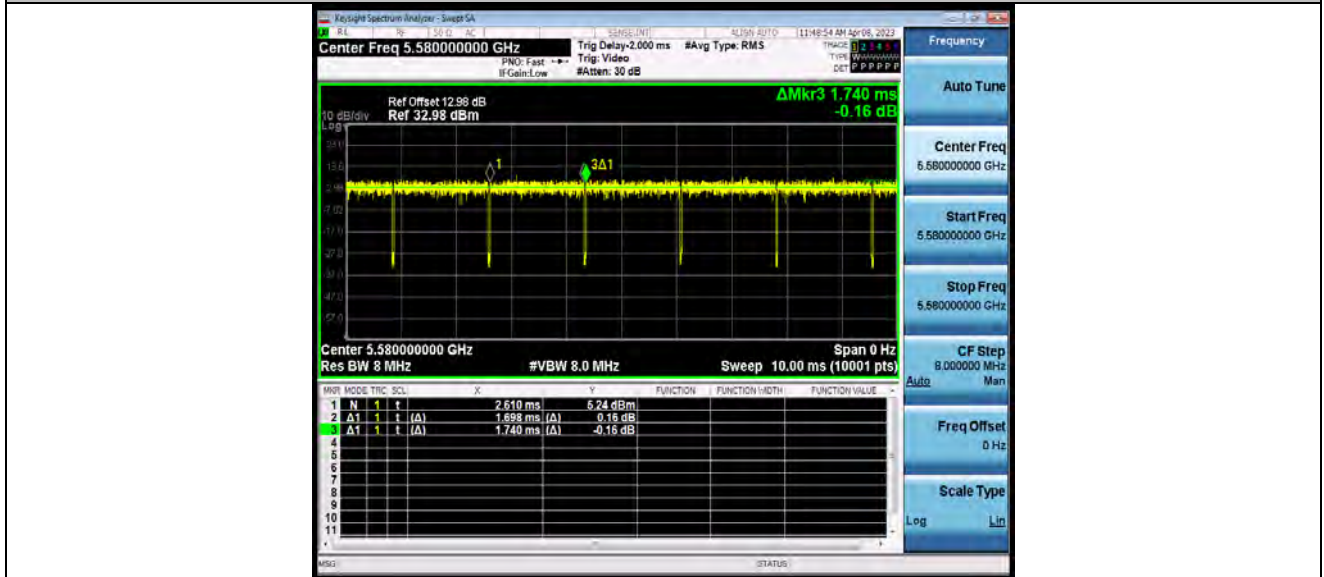


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5580

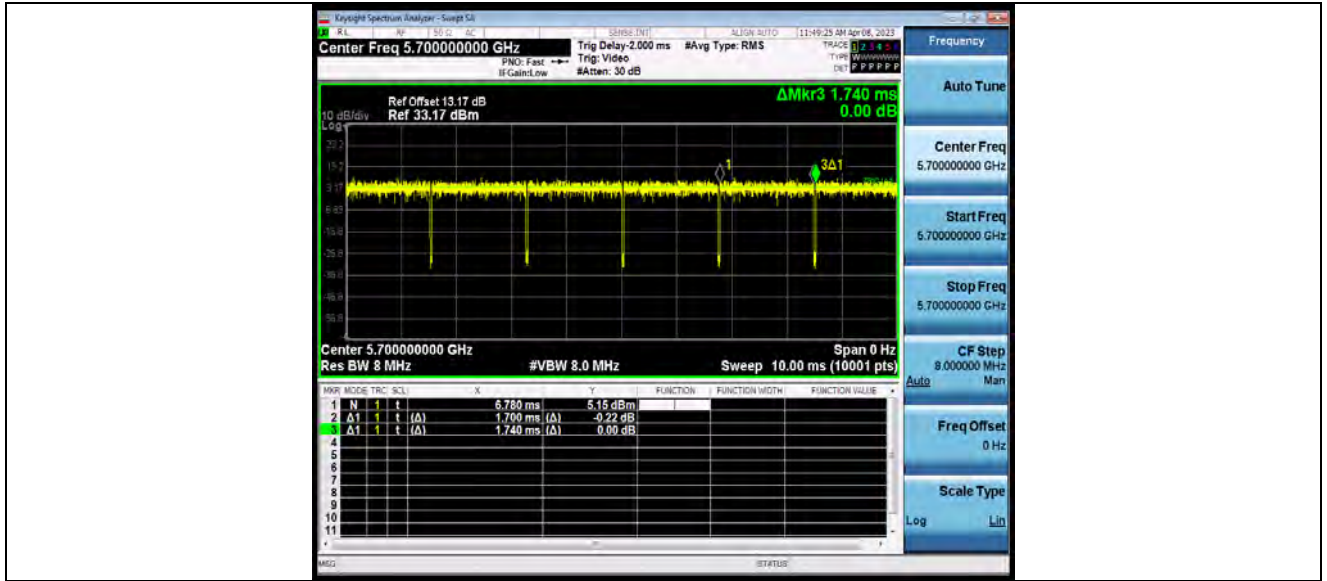


11AC20SISO\_Ant1\_5700

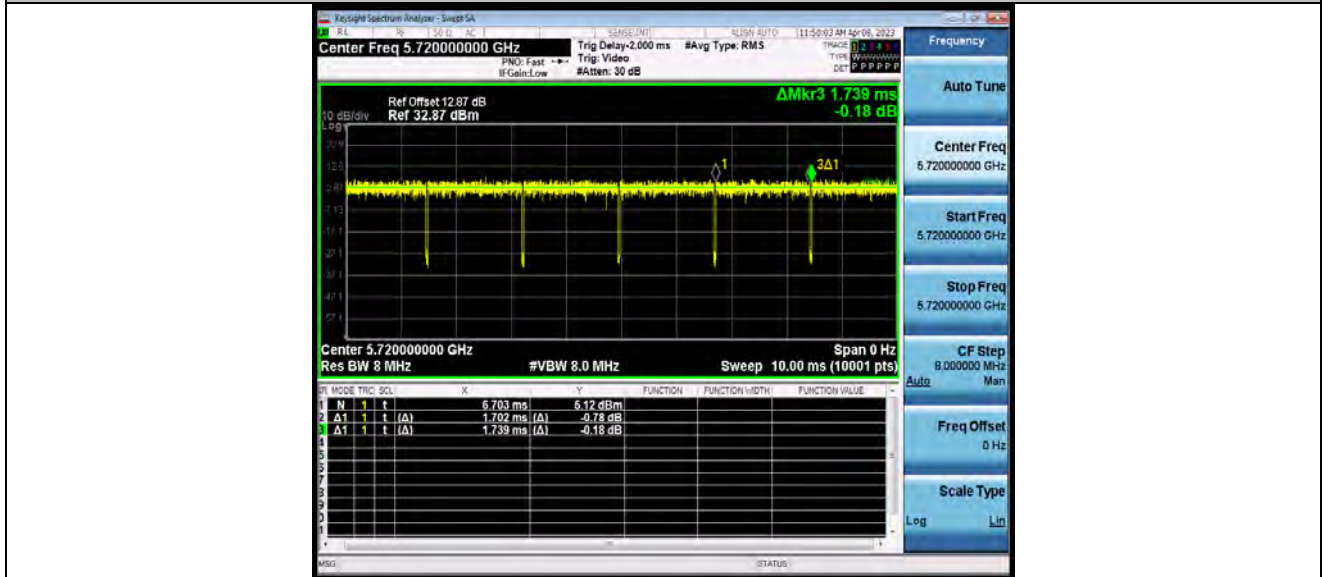


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5720

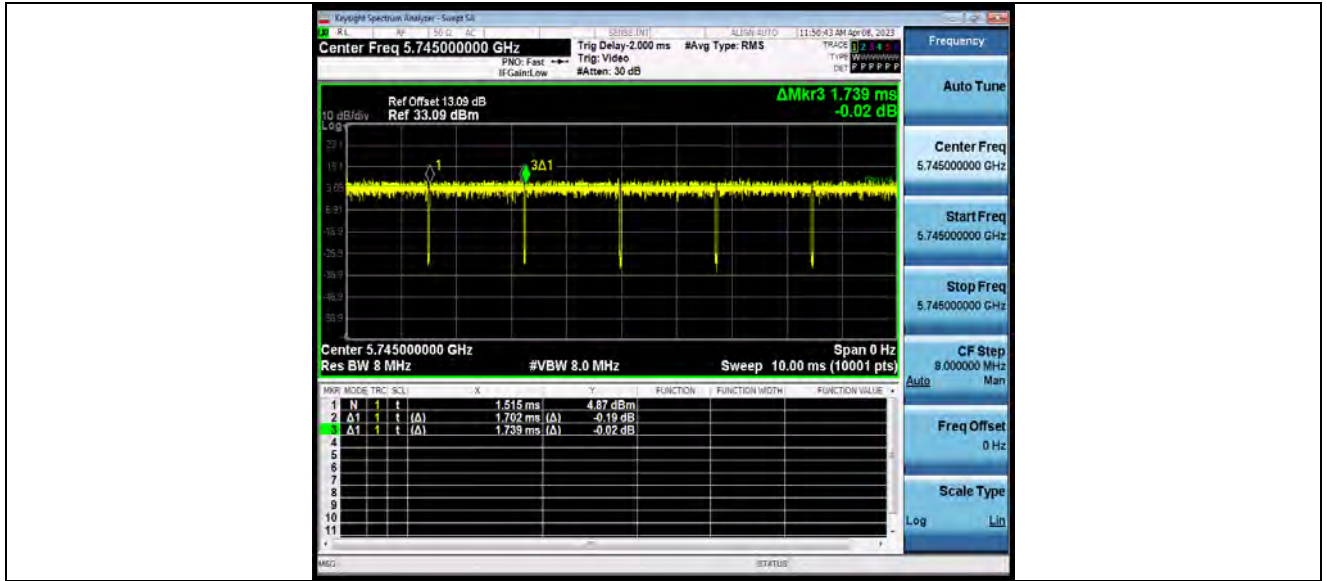


11AC20SISO\_Ant1\_5745

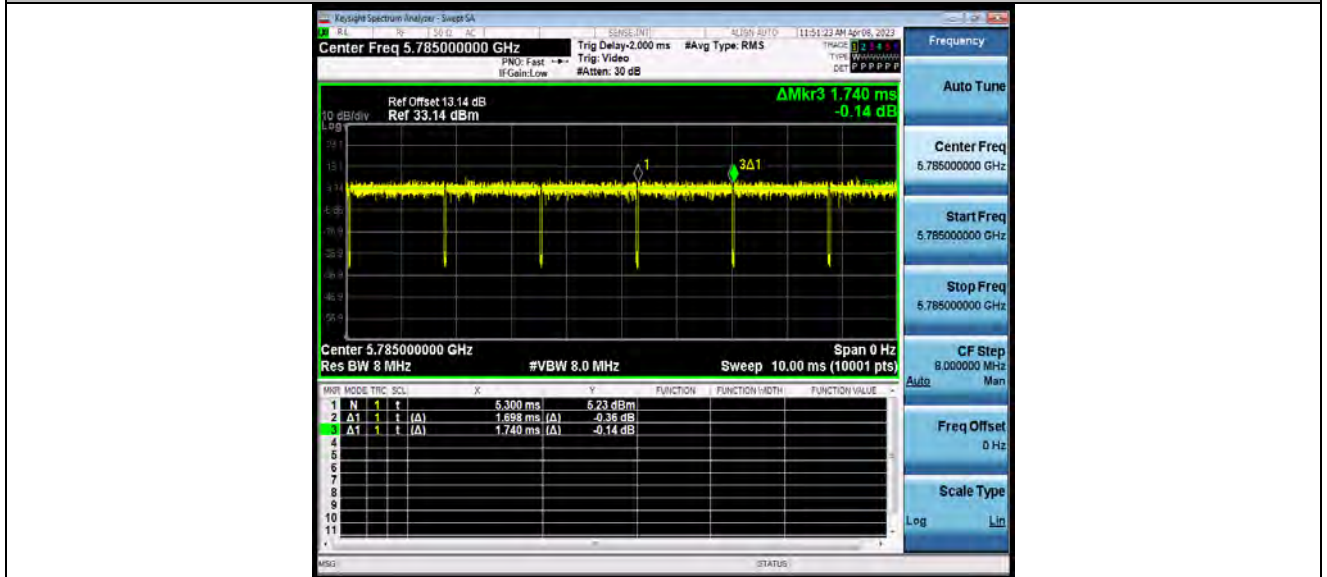


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5785

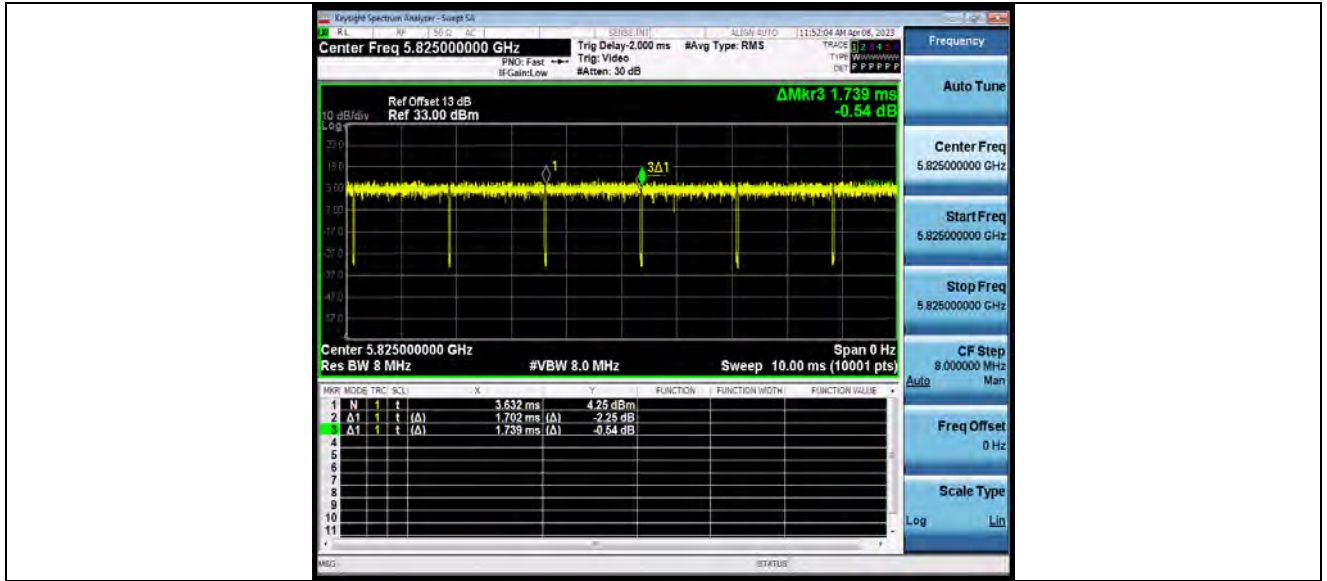


11AC20SISO\_Ant1\_5825

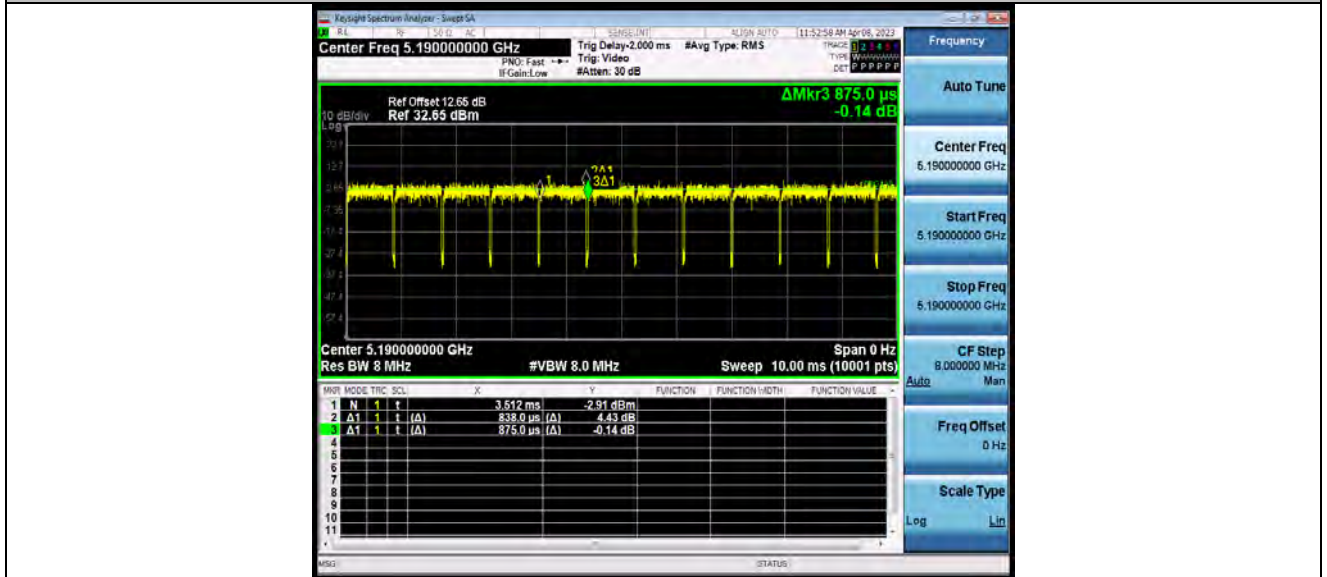


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC40SISO\_Ant1\_5190



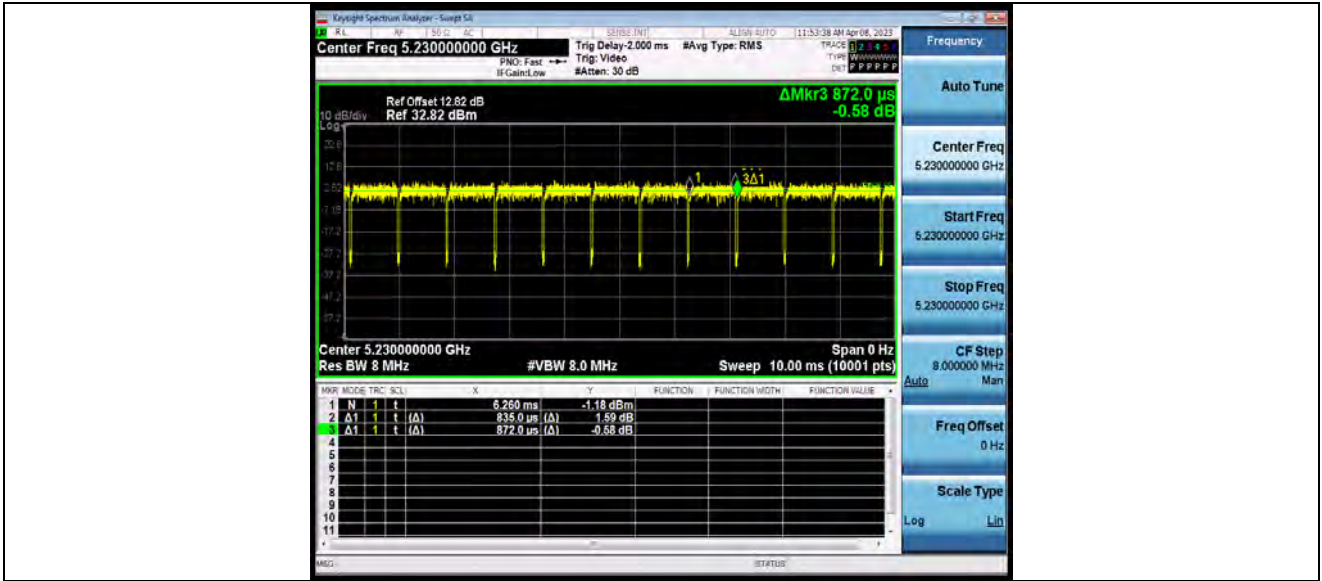
11AC40SISO\_Ant1\_5230



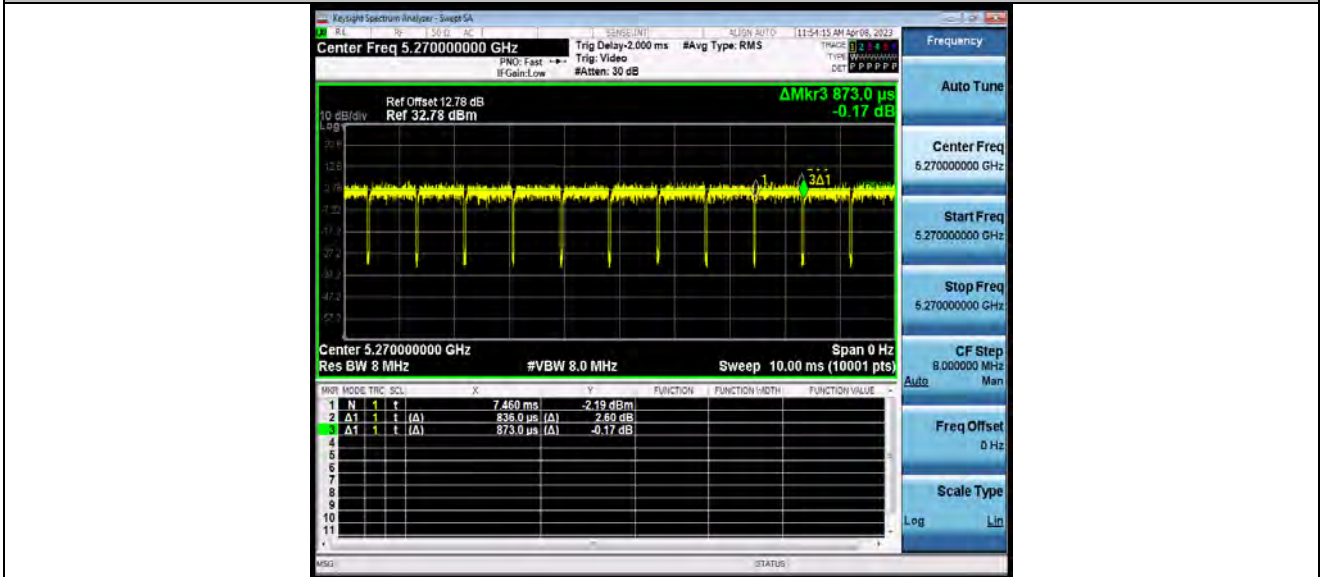


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC40SISO\_Ant1\_5270

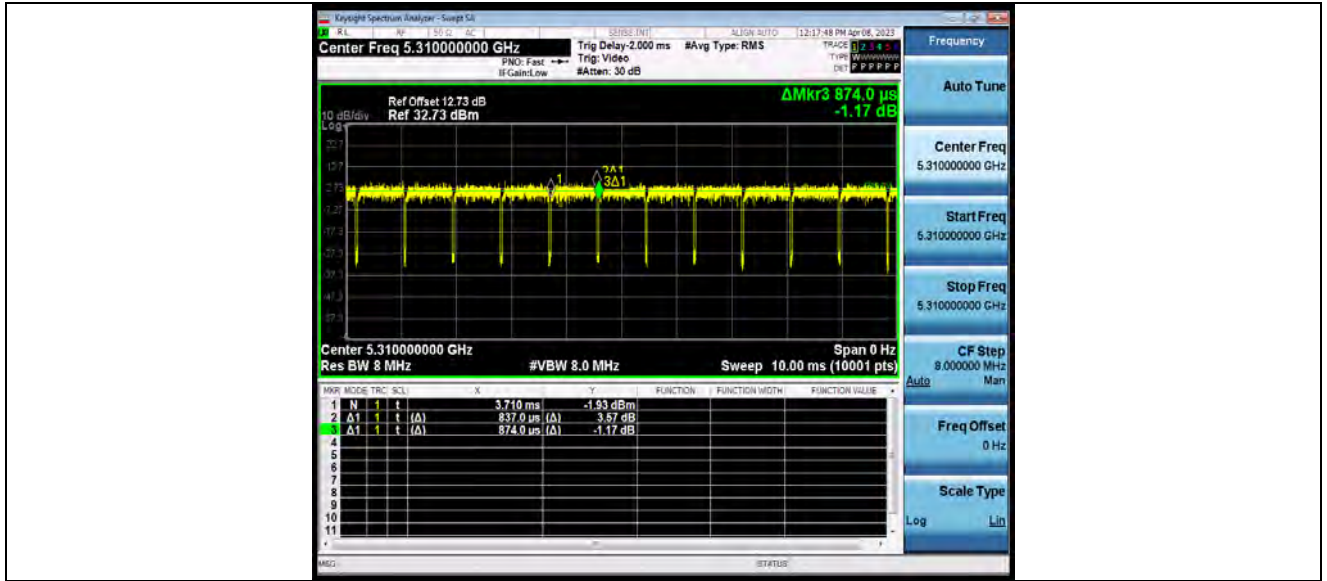


11AC40SISO\_Ant1\_5310

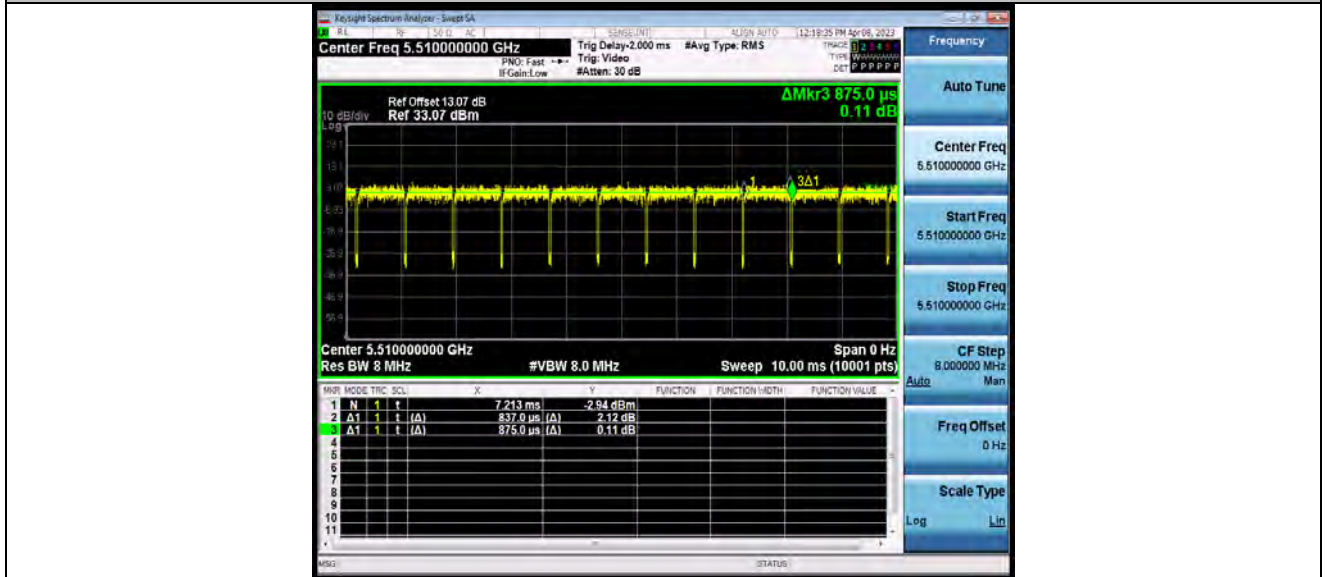


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC40SISO\_Ant1\_5510

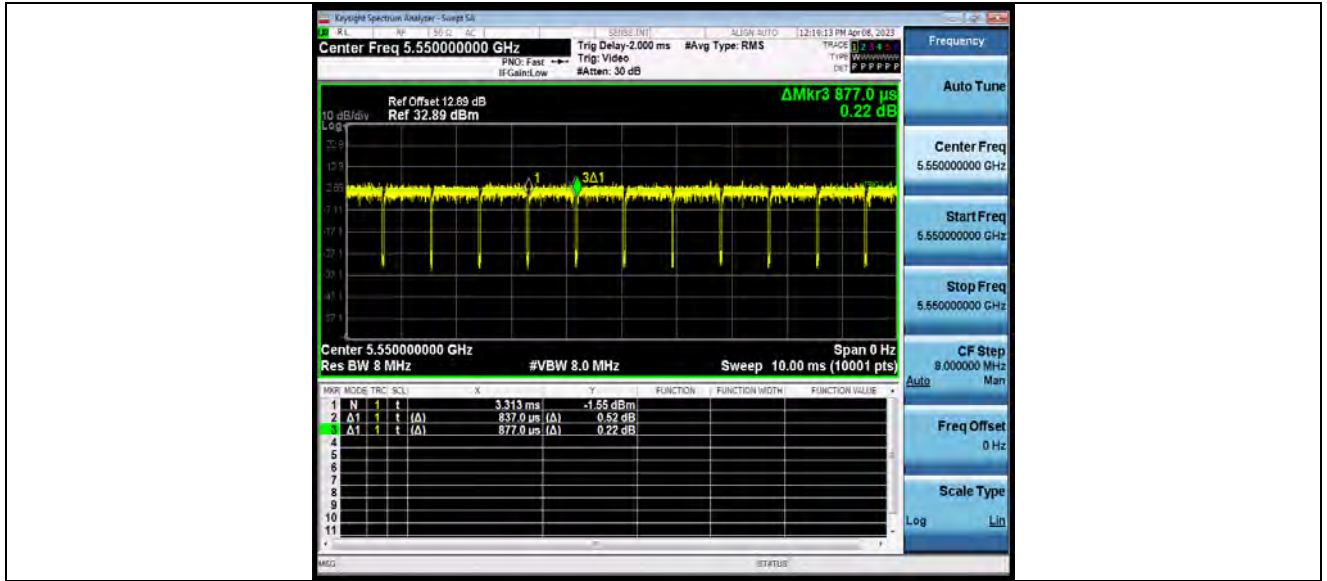


11AC40SISO\_Ant1\_5550

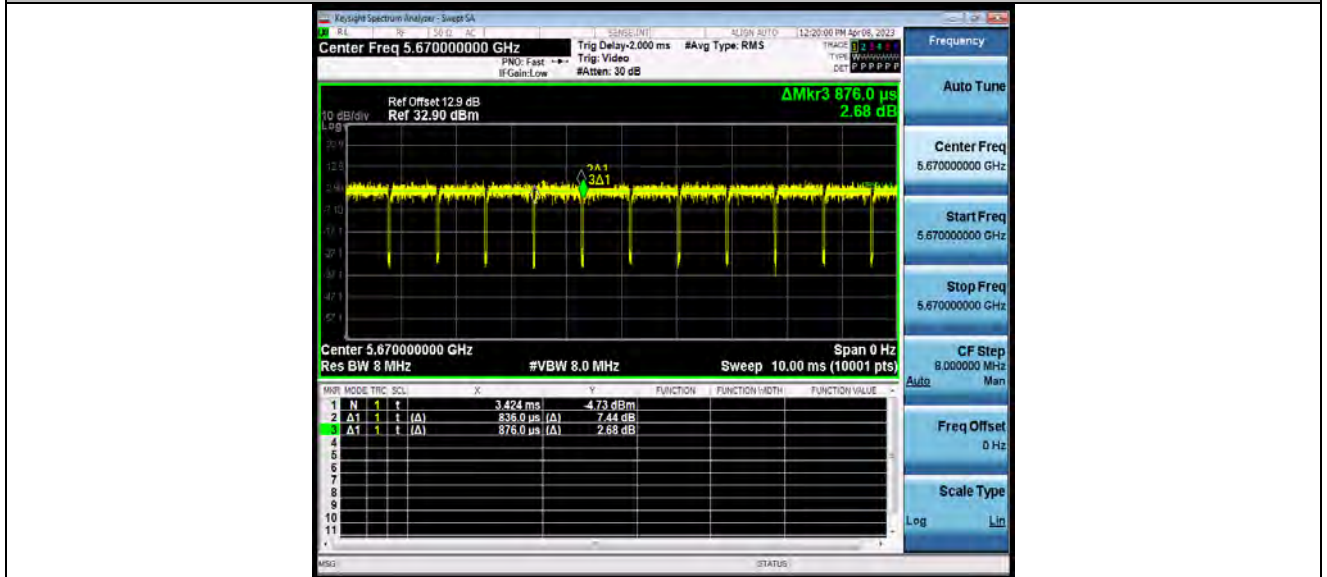


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC40SISO\_Ant1\_5670

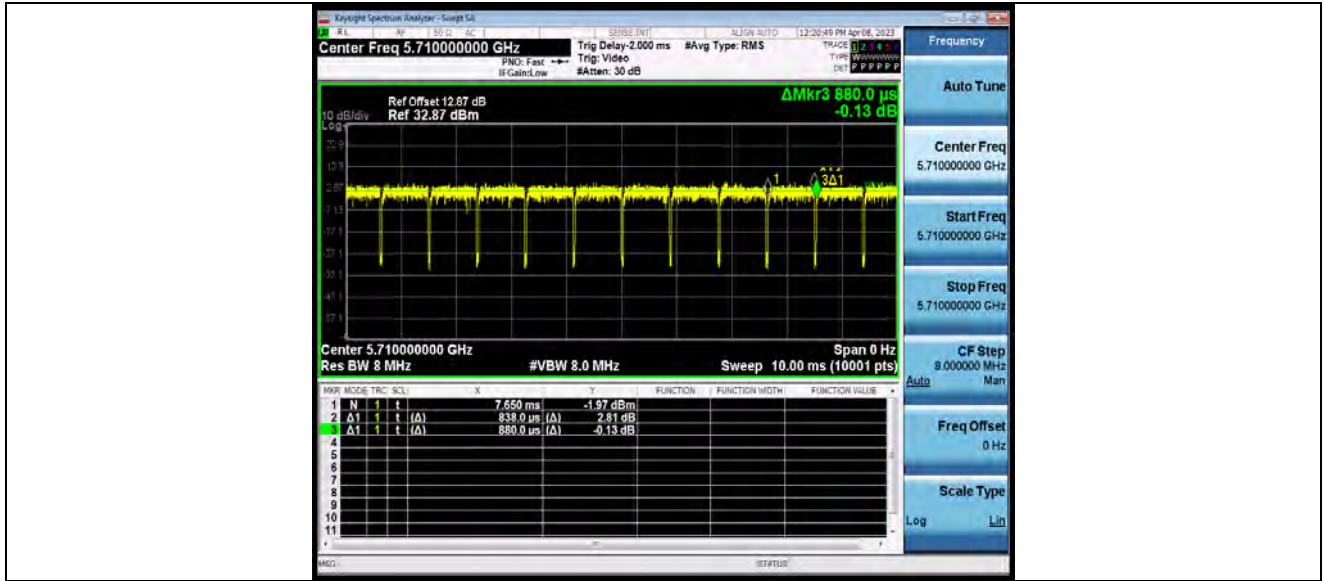


11AC40SISO\_Ant1\_5710

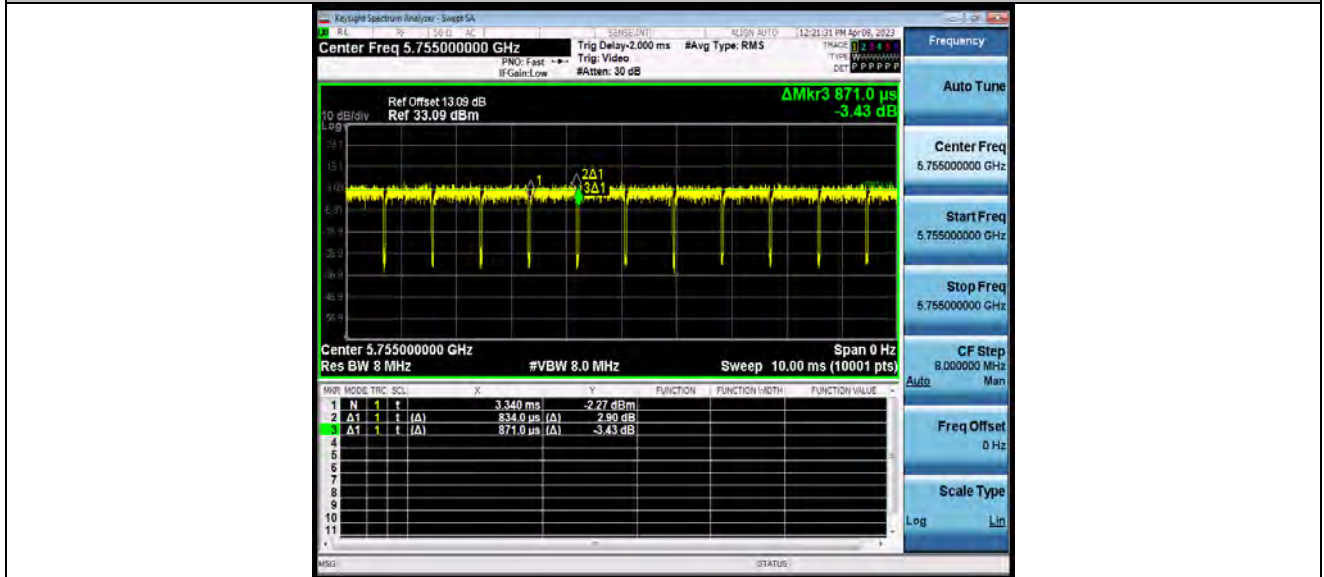


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC40SISO\_Ant1\_5755

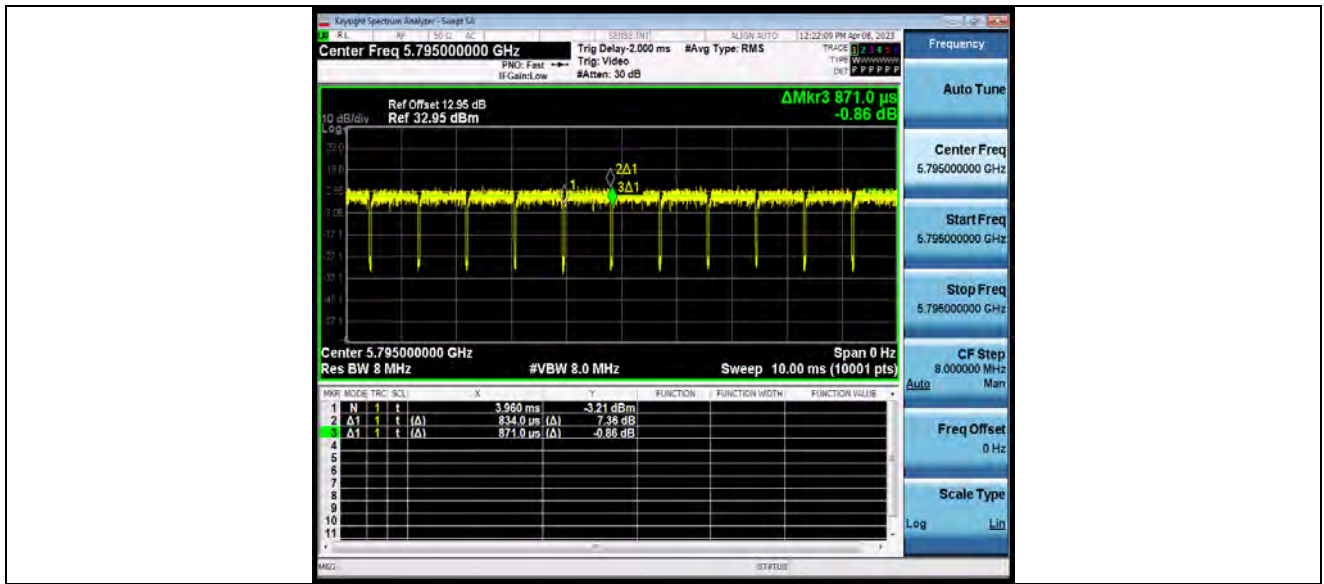


11AC40SISO\_Ant1\_5795

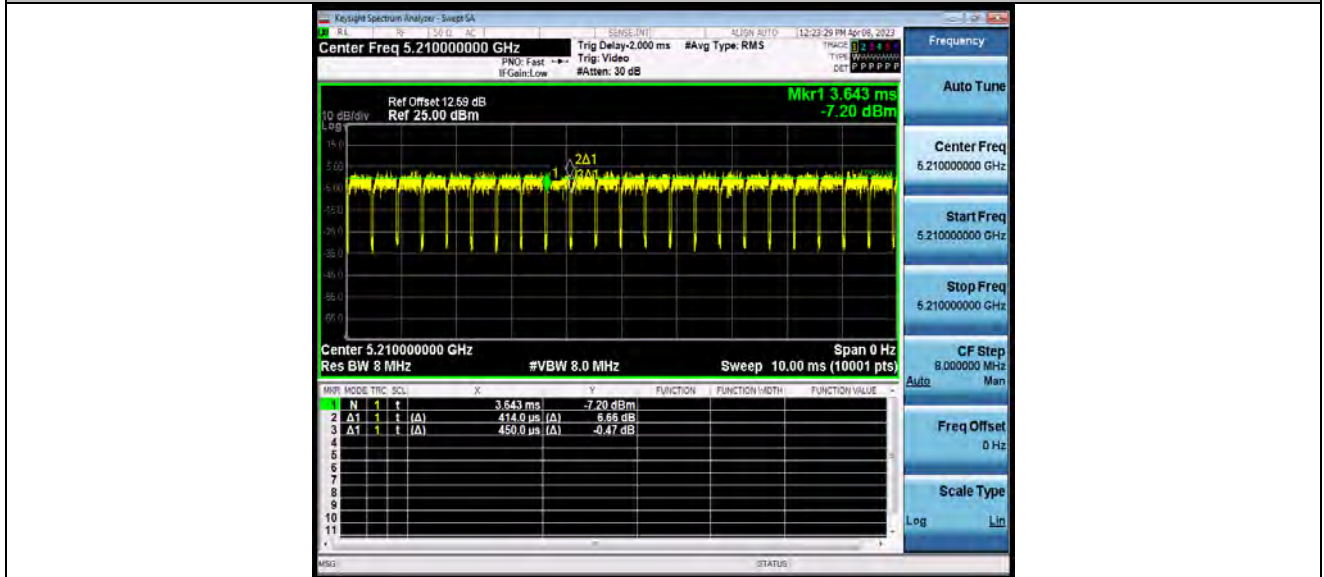


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC80SISO\_Ant1\_5210

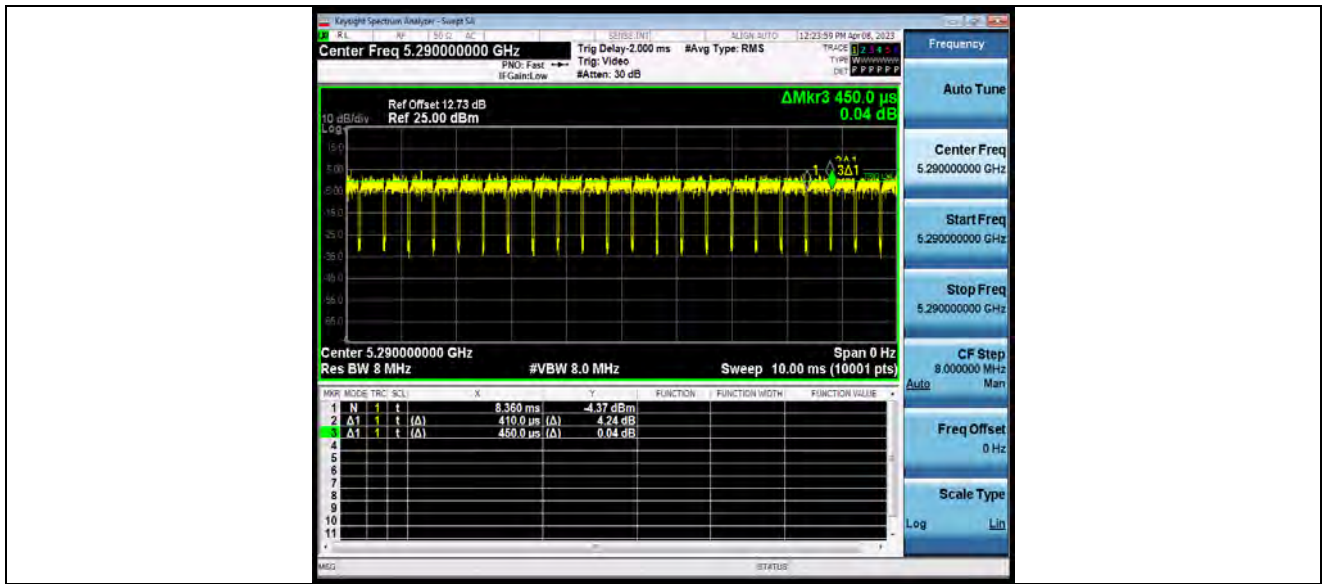


11AC80SISO\_Ant1\_5290

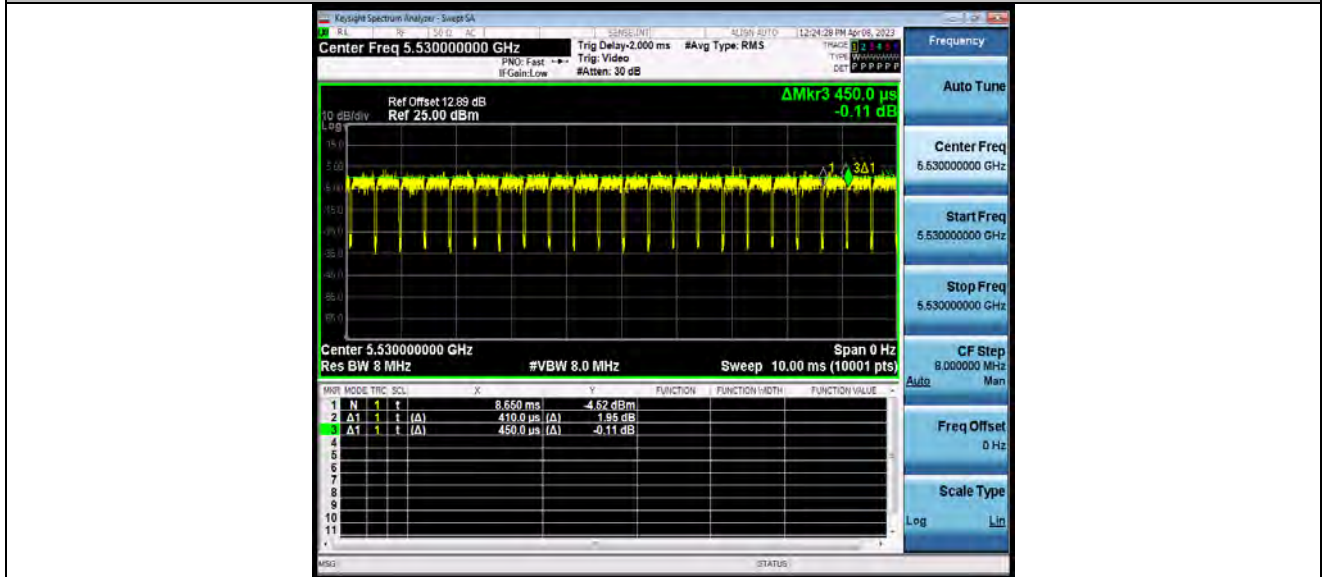


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC80ISO\_Ant1\_5530

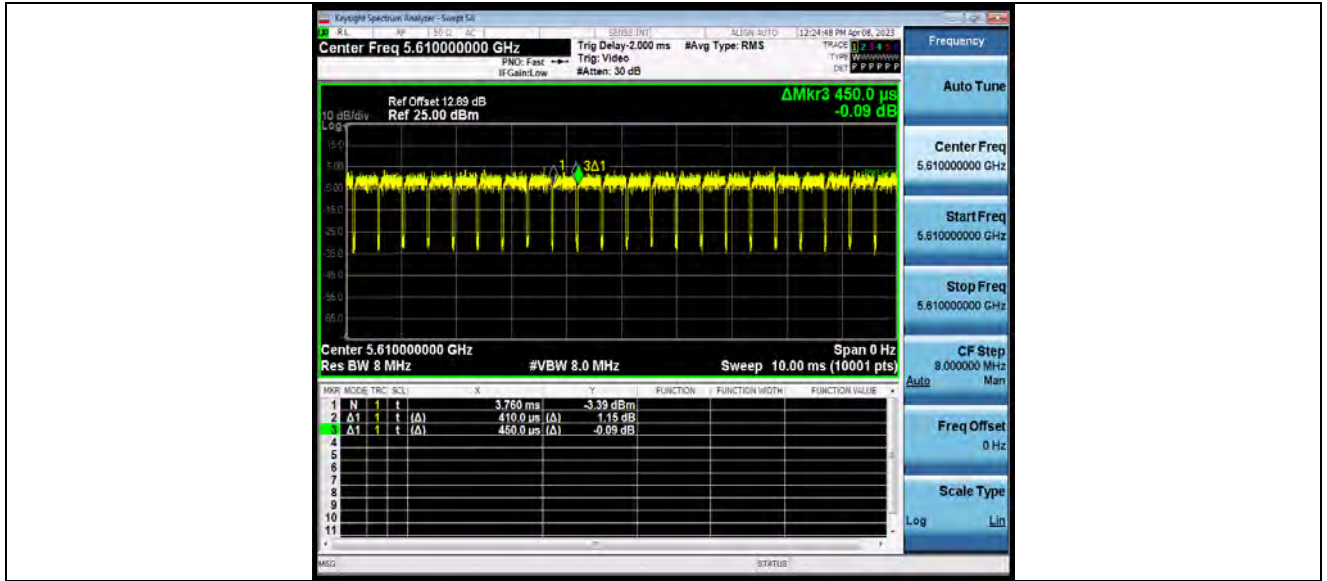


11AC80ISO\_Ant1\_5610

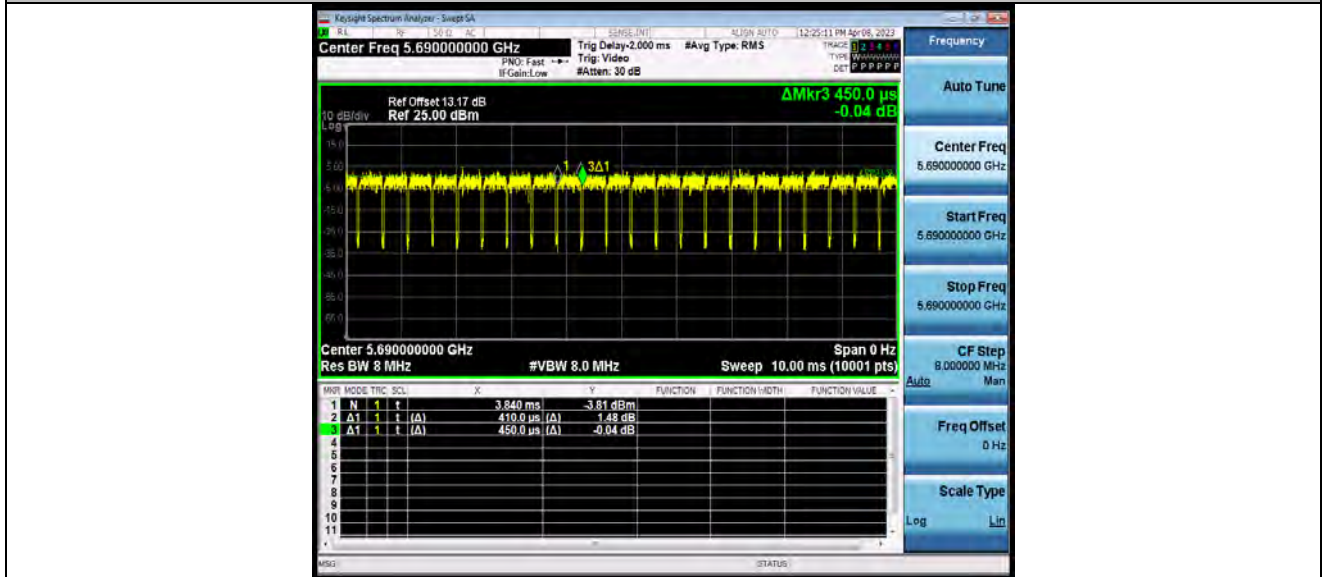


BUREAU VERITAS

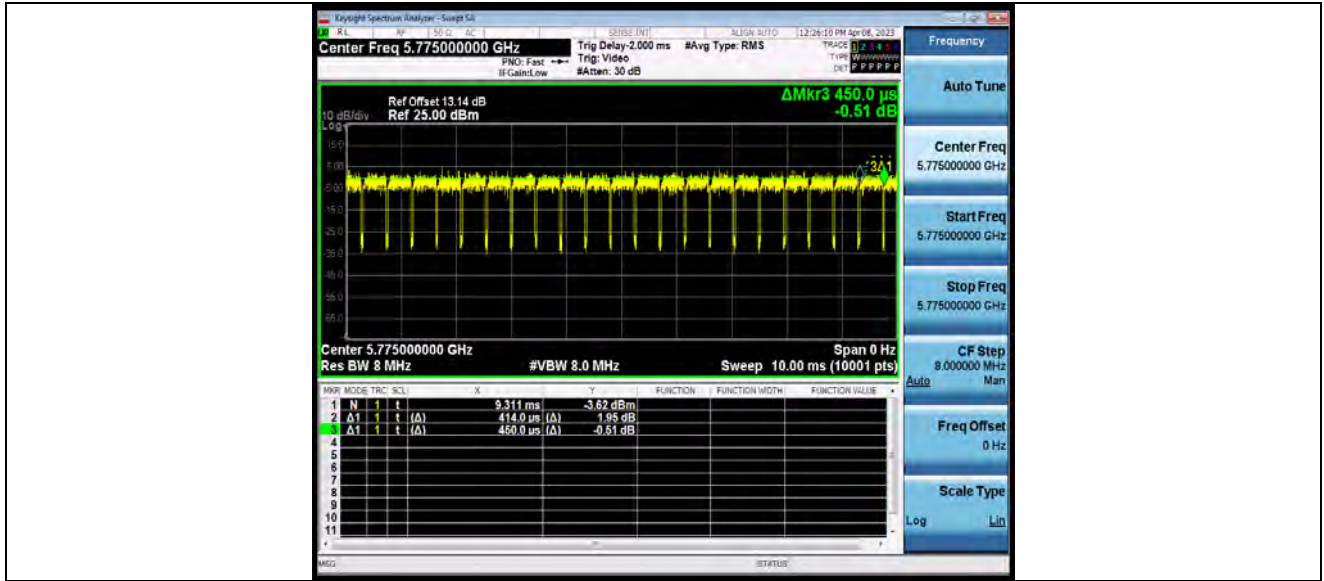
Test Report No.: W7L-P23030025RF03



11AC80SISO\_Ant1\_5690



11AC80SISO\_Ant1\_5775



## MAXIMUM CONDUCTED OUTPUT POWER

### TEST RESULT

Mode	TX Type	Freq. (MHz)	Maximum Conducted Power (dBm)	FCC Limit (dBm)	IC Limit (dBm)	EIRP (dBm)	IC EIRP Limit (dBm)	Verdict	Power setting
802.11a	SISO	5180	13.27	≤24.00	/	13.27	≤22.30	Pass	13.5
		5200	13.21	≤24.00	/	13.21	≤22.31	Pass	13.5
		5240	12.97	≤24.00	/	12.97	≤22.30	Pass	14
		5260	12.87	≤24.00	≤23.30	12.87	≤29.29	Pass	14
		5300	12.89	≤24.00	≤23.29	12.89	≤29.30	Pass	14
		5320	12.99	≤24.00	≤23.30	12.99	≤29.30	Pass	14
		5500	13.08	≤24.00	≤24.00	13.08	≤29.30	Pass	14
		5580	13.24	≤24.00	≤24.00	13.24	≤29.30	Pass	14
		5700	13.11	≤24.00	≤24.00	13.11	≤29.31	Pass	14
		5720_ UNII-2 C	12.89	≤24.00	≤24.00	12.89	≤29.31	Pass	14
		5720_ UNII-3	12.89	≤30.00	≤30.00	12.89	/	Pass	14





		5745	12.90	≤30.00	≤30.00	12.90	/	Pass	14
		5785	12.82	≤30.00	≤30.00	12.82	/	Pass	14.5
		5825	12.91	≤30.00	≤30.00	12.91	/	Pass	14.5
802.11n (HT20)	SISO	5180	12.23	≤24.00	/	12.23	≤22.55	Pass	12.5
		5200	12.20	≤24.00	/	12.20	≤22.54	Pass	12.5
		5240	12.13	≤24.00	/	12.13	≤22.53	Pass	13
		5260	11.98	≤24.00	≤23.54	11.98	≤24.00	Pass	13
		5300	12.22	≤24.00	≤23.55	12.22	≤29.55	Pass	13.5
		5320	12.17	≤24.00	≤23.55	12.17	≤29.55	Pass	13
		5500	12.16	≤24.00	≤23.54	12.16	≤29.54	Pass	13
		5580	12.13	≤24.00	≤23.54	12.13	≤29.54	Pass	12.5
		5700	12.14	≤24.00	≤23.54	12.14	≤29.54	Pass	13
		5720_ UNII-2 C	12.03	≤24.00	≤23.55	12.03	≤29.55	Pass	13
		5720_ UNII-3	12.03	≤30.00	≤30.00	12.03	/	Pass	12.5
		5745	12.19	≤30.00	≤30.00	12.19	/	Pass	12.5
		5785	12.12	≤30.00	≤30.00	12.12	/	Pass	13
		5825	12.21	≤30.00	≤30.00	12.21	/	Pass	13
802.11n (HT40)	SISO	5190	12.32	≤24.00	/	12.32	≤23.01	Pass	11.5
		5230	12.22	≤24.00	/	12.22	≤23.01	Pass	11.5
		5270	12.19	≤24.00	≤24.00	12.19	≤30.00	Pass	12
		5310	12.28	≤24.00	≤24.00	12.28	≤30.00	Pass	12.5
		5510	12.12	≤24.00	≤24.00	12.12	≤30.00	Pass	12
		5550	12.26	≤24.00	≤24.00	12.26	≤30.00	Pass	12
		5670	12.28	≤24.00	≤24.00	12.28	≤30.00	Pass	12
		5710_ UNII-2 C	12.09	≤24.00	≤24.00	12.09	≤30.00	Pass	12.5
		5710_ UNII-3	12.09	≤30.00	≤30.00	12.09	/	Pass	12.5
		5755	12.08	≤30.00	≤30.00	12.08	/	Pass	12.5
5795	12.15	≤30.00	≤30.00	12.15	/	Pass	13		
802.11a	SISO	5180	10.19	≤24.00	/	10.19	≤22.53	Pass	10



c (VHT20)		5200	10.20	≤24.00	/	10.20	≤22.52	Pass	10
		5240	10.12	≤24.00	/	10.12	≤22.53	Pass	10.5
		5260	10.09	≤24.00	≤23.52	10.09	≤24.00	Pass	10.5
		5300	10.27	≤24.00	≤23.53	10.27	≤29.53	Pass	11
		5320	10.26	≤24.00	≤23.53	10.26	≤29.53	Pass	11
		5500	10.24	≤24.00	≤23.53	10.24	≤29.53	Pass	11
		5580	10.17	≤24.00	≤23.52	10.17	≤29.52	Pass	10.5
		5700	10.22	≤24.00	≤23.52	10.22	≤29.52	Pass	11
		5720_ UNII-2 C	10.08	≤24.00	≤23.51	10.08	≤29.51	Pass	11
		5720_ UNII-3	10.08	≤30.00	≤30.00	10.08	/	Pass	11
		5745	9.96	≤30.00	≤30.00	9.96	/	Pass	11.5
		5785	10.09	≤30.00	≤30.00	10.09	/	Pass	11.5
		5825	9.89	≤30.00	≤30.00	9.89	/	Pass	11
802.11a c (VHT40)	SISO	5190	10.09	≤24.00	/	10.09	≤23.01	Pass	9.5
		5230	9.87	≤24.00	/	9.87	≤23.01	Pass	9.5
		5270	10.20	≤24.00	≤24.00	10.20	≤30.00	Pass	9
		5310	10.16	≤24.00	≤24.00	10.16	≤30.00	Pass	10
		5510	10.22	≤24.00	≤24.00	10.22	≤30.00	Pass	10
		5550	10.30	≤24.00	≤24.00	10.30	≤30.00	Pass	10
		5670	10.29	≤24.00	≤24.00	10.29	≤30.00	Pass	10
		5710_ UNII-2 C	9.97	≤24.00	≤24.00	9.97	≤30.00	Pass	10
		5710_ UNII-3	9.97	≤30.00	≤30.00	9.97	/	Pass	10
		5755	10.33	≤30.00	≤30.00	10.33	/	Pass	10.5
5795	9.96	≤30.00	≤30.00	9.96	/	Pass	10.5		
802.11a c (VHT80)	SISO	5210	10.58	≤24.00	/	10.58	≤23.01	Pass	10
		5290	10.18	≤24.00	≤24.00	10.18	≤30.00	Pass	10.5
		5530	10.20	≤24.00	≤24.00	10.20	≤30.00	Pass	10.5
		5610	10.13	≤24.00	≤24.00	10.13	≤30.00	Pass	10



802.11a c (VHT80)	SISO	5690_ UNII-2 C	9.92	≤24.00	≤24.00	9.92	≤30.00	Pass	10
		5690_ UNII-3	10.07	≤30.00	≤30.00	10.07	/	Pass	10
		5775	10.23	≤30.00	≤30.00	10.23	/	Pass	11

Note1: Maximum Conducted Power= Conducted Power +Duty Cycle Factor



### MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.96	≤11.00	PASS
		5200	3.39	≤11.00	PASS
		5240	3.1	≤11.00	PASS
		5260	2.9	≤11.00	PASS
		5300	2.54	≤11.00	PASS
		5320	2.47	≤11.00	PASS
		5500	2.51	≤11.00	PASS
		5580	2.92	≤11.00	PASS
		5700	2.93	≤11.00	PASS
		5720_UNII-2C	2.83	≤11.00	PASS
		5720_UNII-3	-1.75	≤30.00	PASS
		5745	0.2	≤30.00	PASS
		5785	-0.54	≤30.00	PASS
		5825	-0.84	≤30.00	PASS
		11N20SISO	Ant1	5180	1.52
5200	1.25			≤11.00	PASS
5240	1.61			≤11.00	PASS
5260	1.08			≤11.00	PASS
5300	1.46			≤11.00	PASS
5320	1.34			≤11.00	PASS
5500	1.2			≤11.00	PASS
5580	2.05			≤11.00	PASS
5700	2.3			≤11.00	PASS
5720_UNII-2C	1.74			≤11.00	PASS
5720_UNII-3	-2.71			≤30.00	PASS
5745	-0.54			≤30.00	PASS
5785	-0.61			≤30.00	PASS
5825	-0.92			≤30.00	PASS
11N40SISO	Ant1			5190	-1.21
		5230	-0.71	≤11.00	PASS



11N40SISO	Ant1	5270	-1.27	≤11.00	PASS
		5310	-1.2	≤11.00	PASS
		5510	-1.46	≤11.00	PASS
		5550	-1.16	≤11.00	PASS
		5670	-0.85	≤11.00	PASS
		5710_UNII-2C	-1.19	≤11.00	PASS
		5710_UNII-3	-6.2	≤30.00	PASS
		5755	-3.9	≤30.00	PASS
		5795	-4.13	≤30.00	PASS
11AC20SISO	Ant1	5180	-0.08	≤11.00	PASS
		5200	-0.25	≤11.00	PASS
		5240	0.27	≤11.00	PASS
		5260	-0.2	≤11.00	PASS
		5300	0.11	≤11.00	PASS
		5320	0.08	≤11.00	PASS
		5500	0.01	≤11.00	PASS
		5580	-0.02	≤11.00	PASS
		5700	0.28	≤11.00	PASS
		5720_UNII-2C	-0.06	≤11.00	PASS
		5720_UNII-3	-4.2	≤30.00	PASS
		5745	-2.79	≤30.00	PASS
		5785	-2.95	≤30.00	PASS
		5825	-3.19	≤30.00	PASS
11AC40SISO	Ant1	5190	-6.78	≤11.00	PASS
		5230	-7.37	≤11.00	PASS
		5270	-7.51	≤11.00	PASS
		5310	-3.89	≤11.00	PASS
		5510	-4.08	≤11.00	PASS
		5550	-3.46	≤11.00	PASS
		5670	-3.33	≤11.00	PASS
		5710_UNII-2C	-3.75	≤11.00	PASS
		5710_UNII-3	-9.06	≤30.00	PASS
		5755	-6.57	≤30.00	PASS
		5795	-6.83	≤30.00	PASS



11AC80SISO	Ant1	5210	-6.36	≤11.00	PASS
		5290	-6.61	≤11.00	PASS
		5530	-6.36	≤11.00	PASS
		5610	-6.15	≤11.00	PASS
		5690_UNII-2C	-6.03	≤11.00	PASS
		5690_UNII-3	-11.47	≤30.00	PASS
		5775	-8.88	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



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## TEST GRAPHS

11A\_Ant1\_5180



11A\_Ant1\_5200



11A\_Ant1\_5240



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11A\_Ant1\_5260



11A\_Ant1\_5300





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11A\_Ant1\_5580



11A\_Ant1\_5700



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11A\_Ant1\_5720\_UNII-2C



11A\_Ant1\_5720\_UNII-3



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11A\_Ant1\_5745



11A\_Ant1\_5785



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11A\_Ant1\_5825



11N20SISO\_Ant1\_5180



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11N20SISO\_Ant1\_5200



11N20SISO\_Ant1\_5240



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Test Report No.: W7L-P23030025RF03



11N20SISO\_Ant1\_5260



11N20SISO\_Ant1\_5300

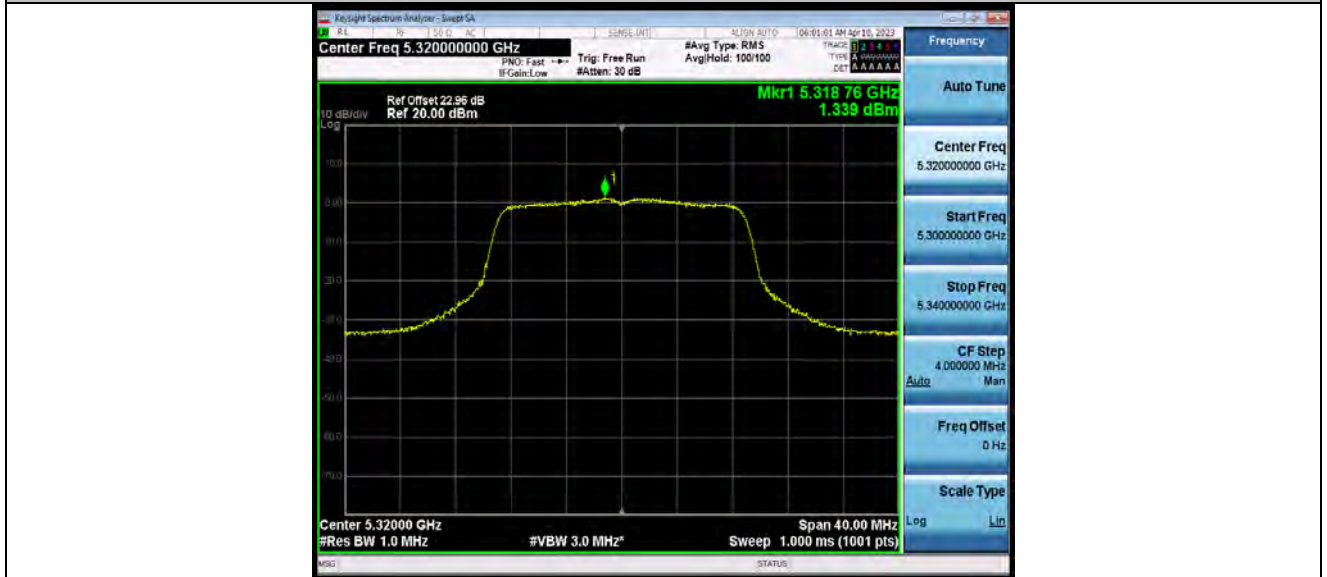


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11N20SISO\_Ant1\_5320



11N20SISO\_Ant1\_5500





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Test Report No.: W7L-P23030025RF03



11N20SISO\_Ant1\_5580



11N20SISO\_Ant1\_5700



BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N20SISO\_Ant1\_5720\_UNII-2C

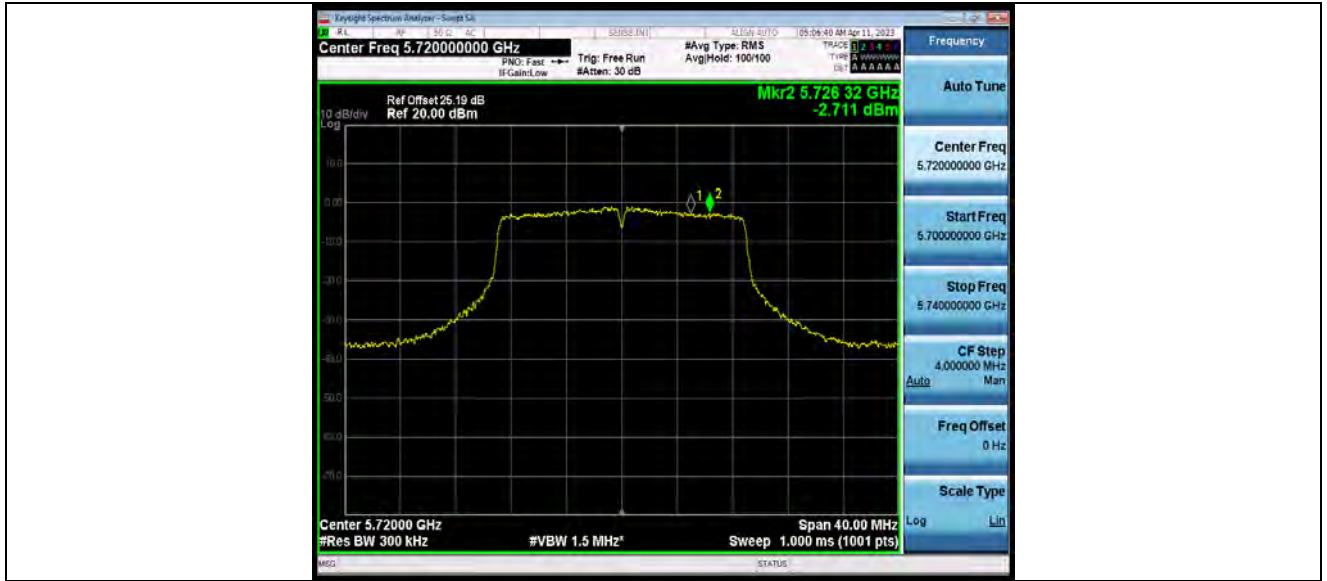


11N20SISO\_Ant1\_5720\_UNII-3



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Test Report No.: W7L-P23030025RF03



11N20SISO\_Ant1\_5745

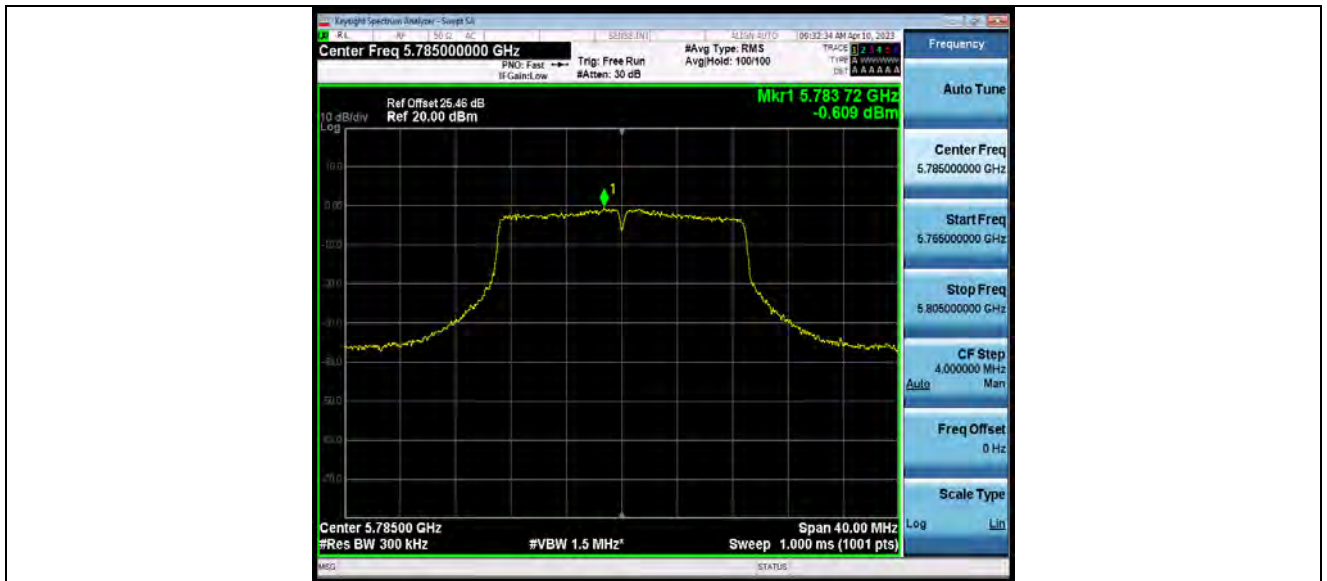


11N20SISO\_Ant1\_5785



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11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5190



BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5310



11N40SISO\_Ant1\_5510



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Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5550



11N40SISO\_Ant1\_5670



BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11N40SISO\_Ant1\_5710\_UNII-2C



11N40SISO\_Ant1\_5710\_UNII-3



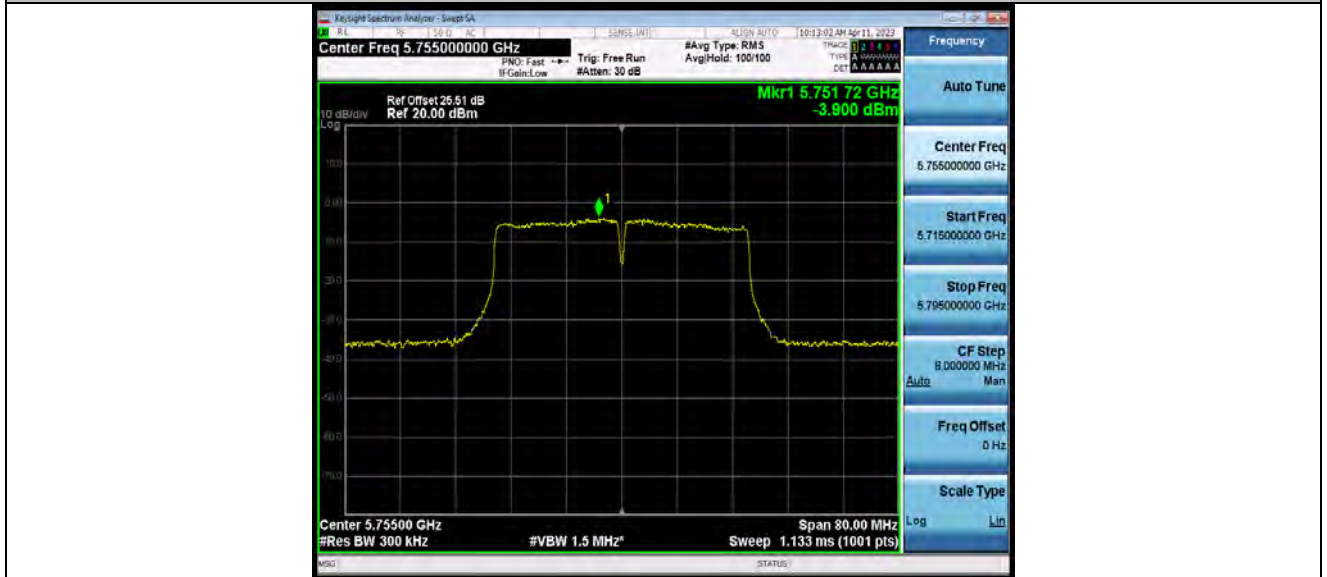


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11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



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11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5260



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Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5300



11AC20SISO\_Ant1\_5320

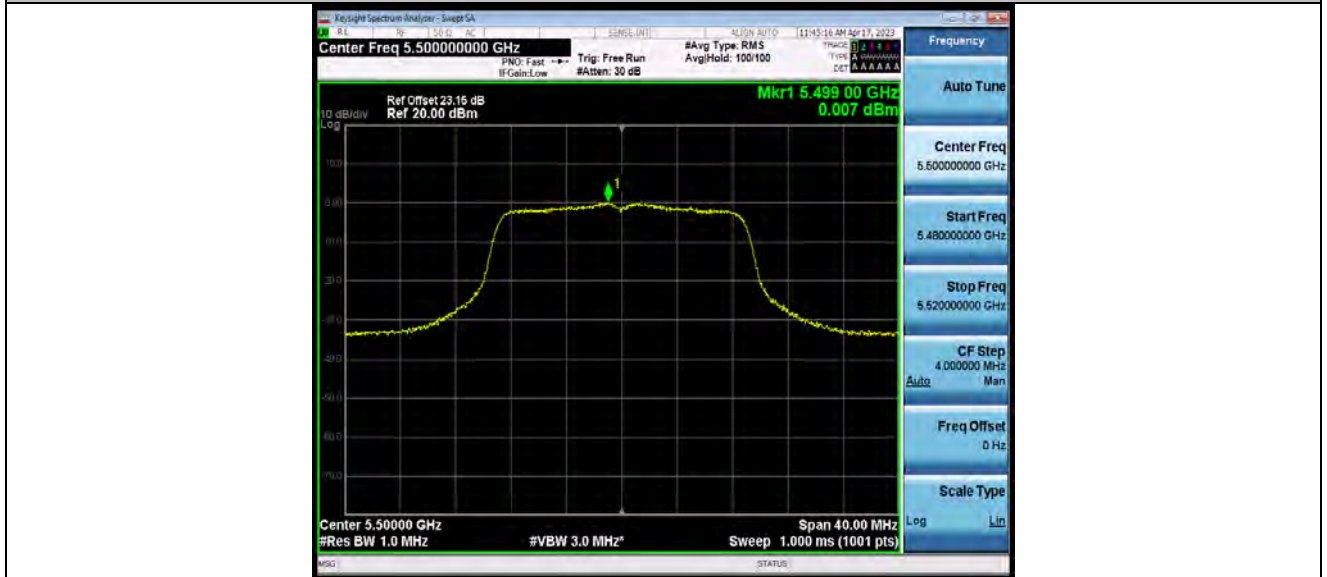


BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5500

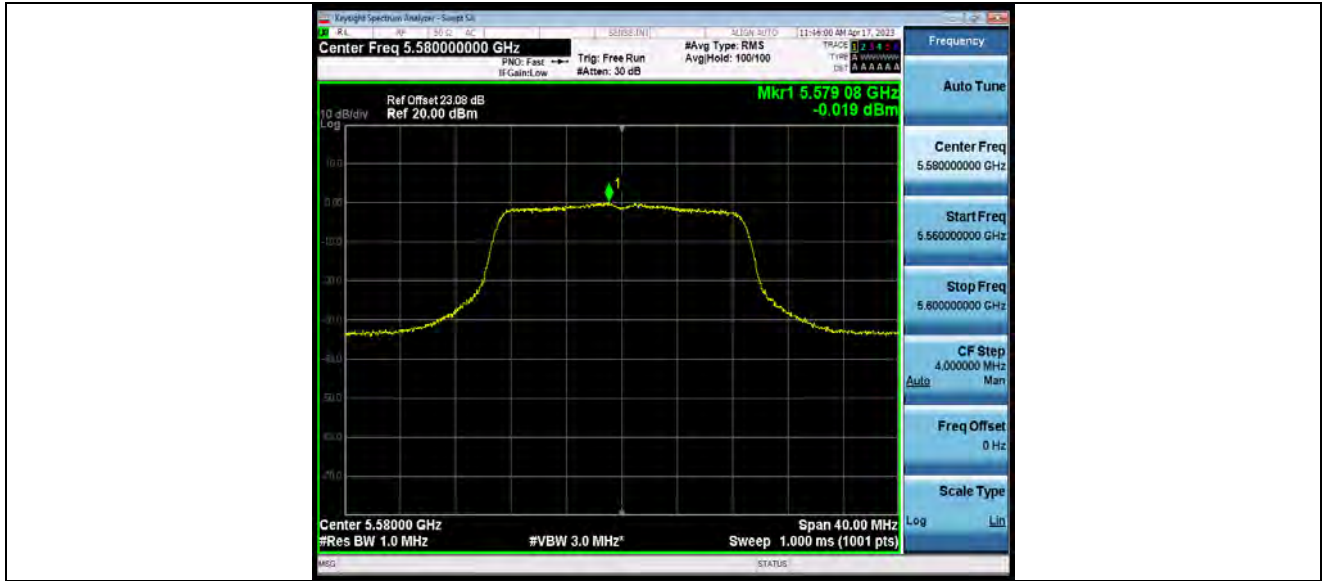


11AC20SISO\_Ant1\_5580



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Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5700



11AC20SISO\_Ant1\_5720\_UNII-2C



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Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5720\_UNII-3



11AC20SISO\_Ant1\_5745



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Test Report No.: W7L-P23030025RF03



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825





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11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



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11AC40SISO\_Ant1\_5270



11AC40SISO\_Ant1\_5310



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11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5550



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Test Report No.: W7L-P23030025RF03



11AC40SISO\_Ant1\_5670



11AC40SISO\_Ant1\_5710\_UNII-2C



BUREAU VERITAS

Test Report No.: W7L-P23030025RF03



11AC40SISO\_Ant1\_5710\_UNII-3

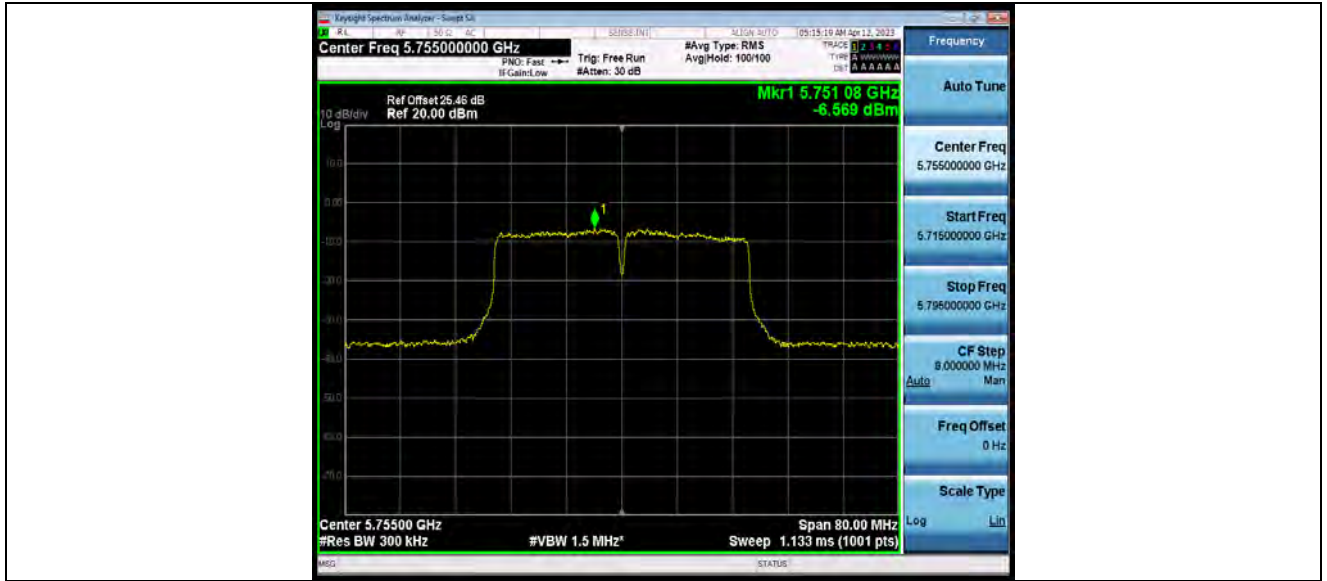


11AC40SISO\_Ant1\_5755



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11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



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11AC80SISO\_Ant1\_5290



11AC80SISO\_Ant1\_5530



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Test Report No.: W7L-P23030025RF03



11AC80SISO\_Ant1\_5610



11AC80SISO\_Ant1\_5690\_UNII-2C





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11AC80SISO\_Ant1\_5690\_UNII-3



11AC80SISO\_Ant1\_5775



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