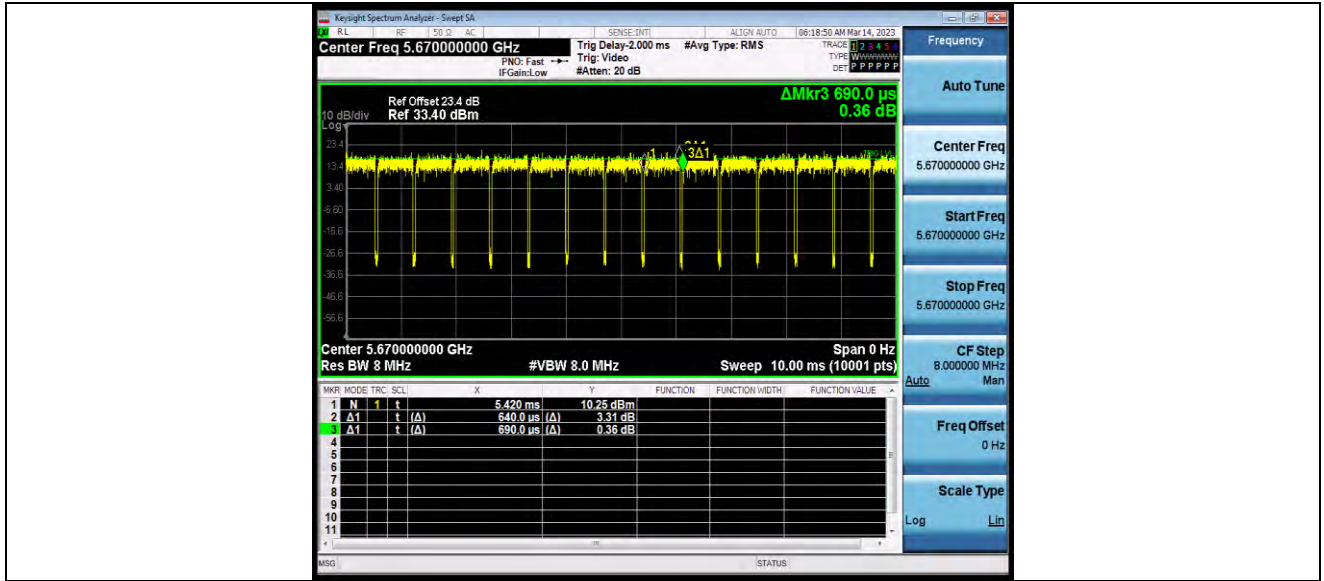


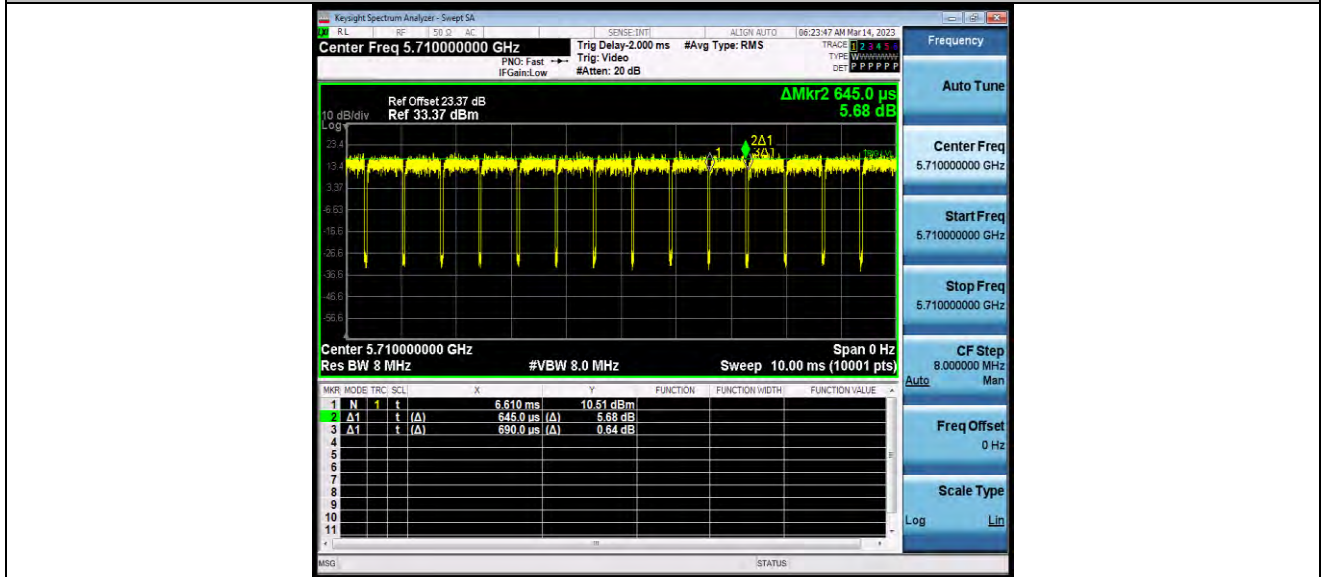


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11N40SISO_Ant1_5710

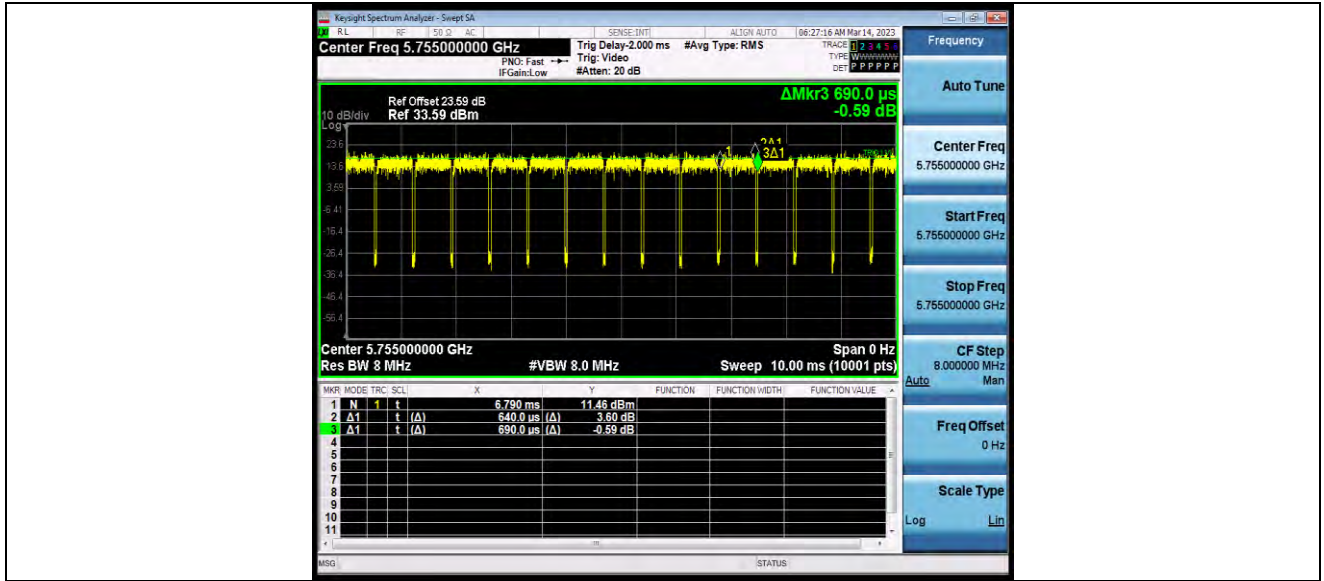


11N40SISO_Ant1_5755

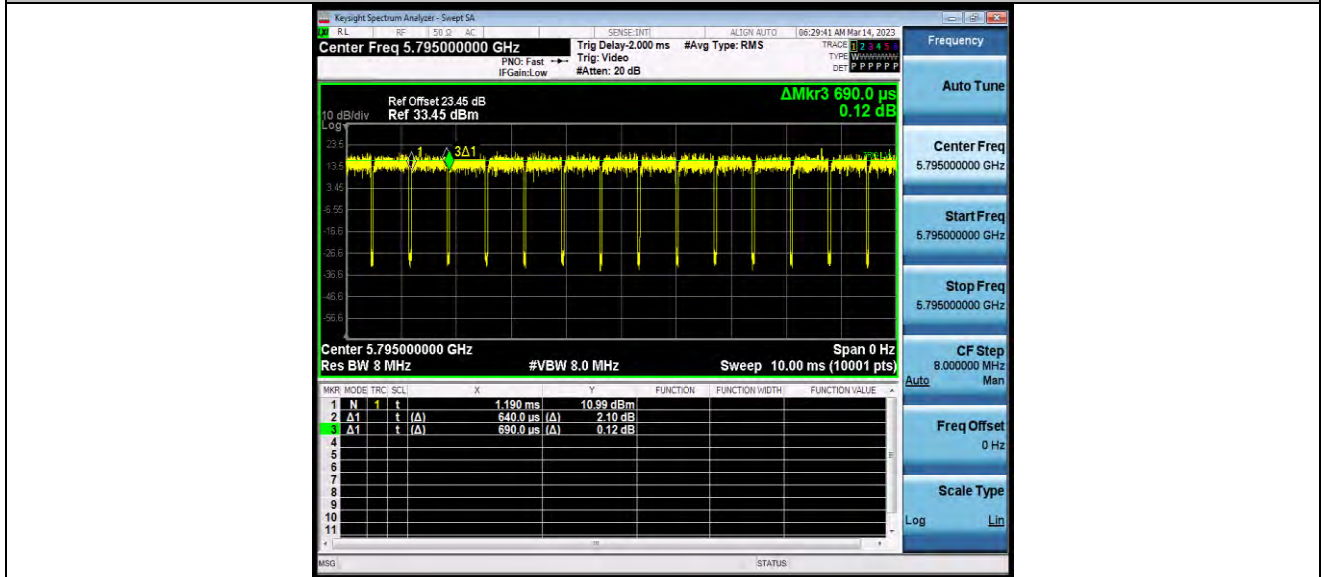


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N40SISO_Ant1_5795

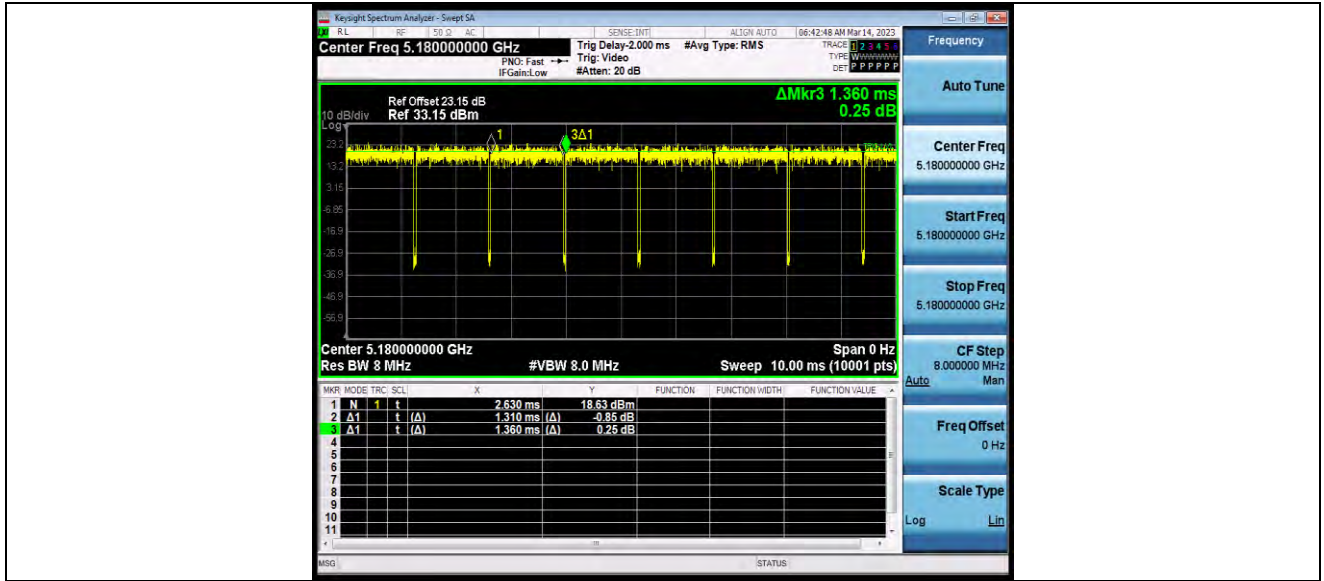


11AC20SISO_Ant1_5180

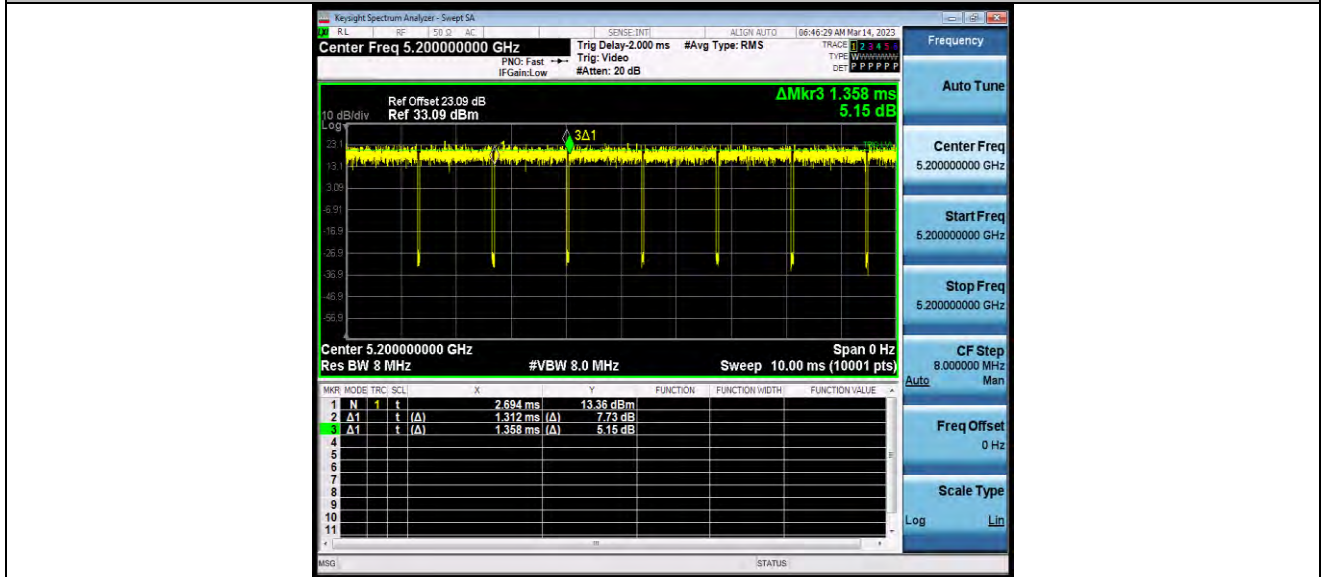


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5200

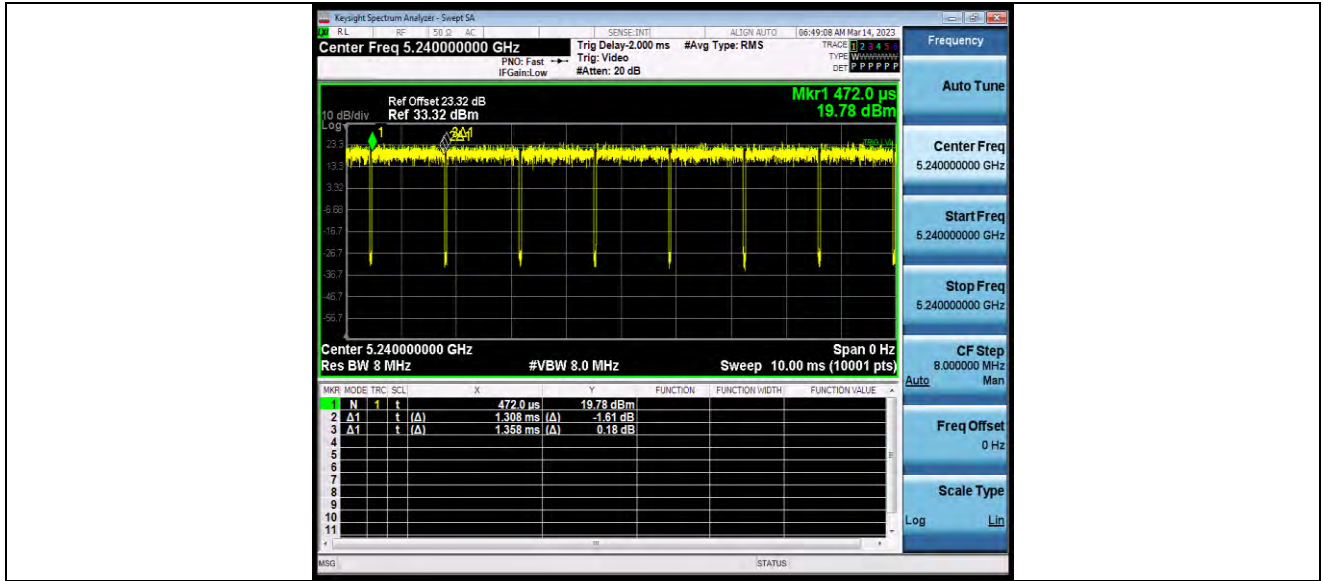


11AC20SISO_Ant1_5240

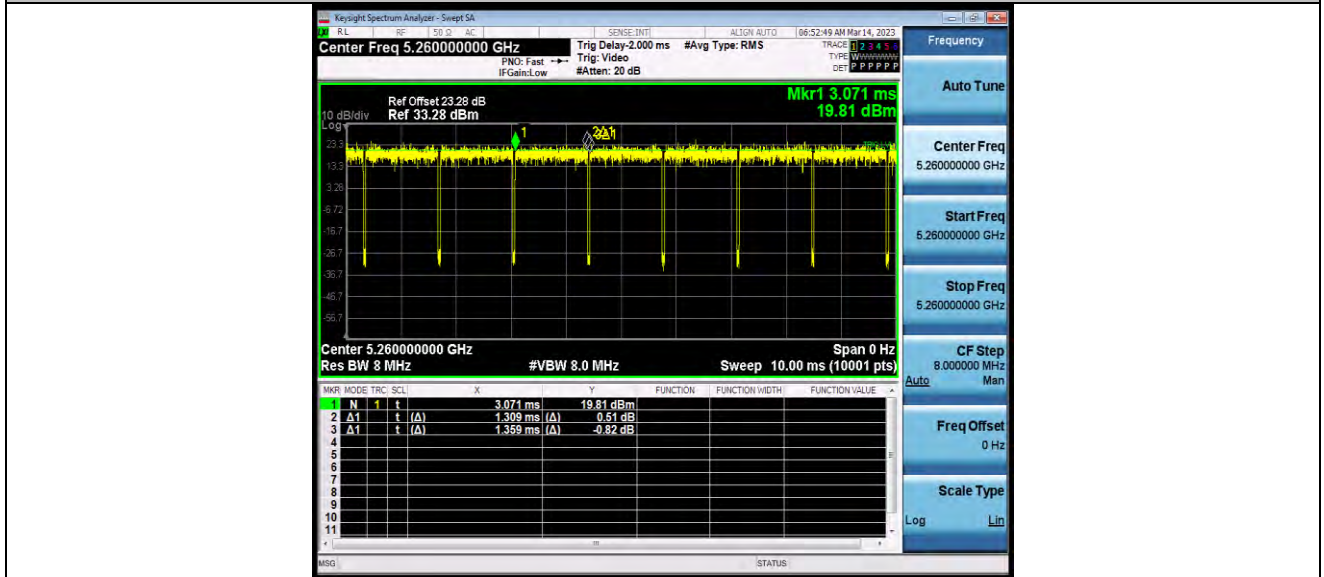


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5260

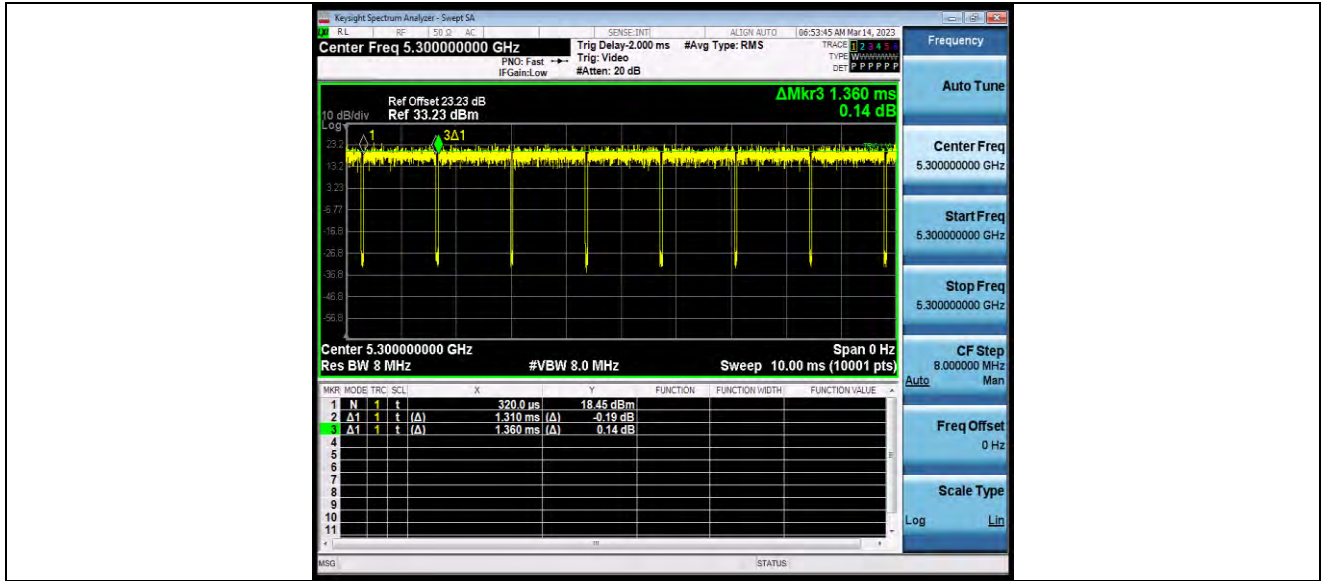


11AC20SISO_Ant1_5300

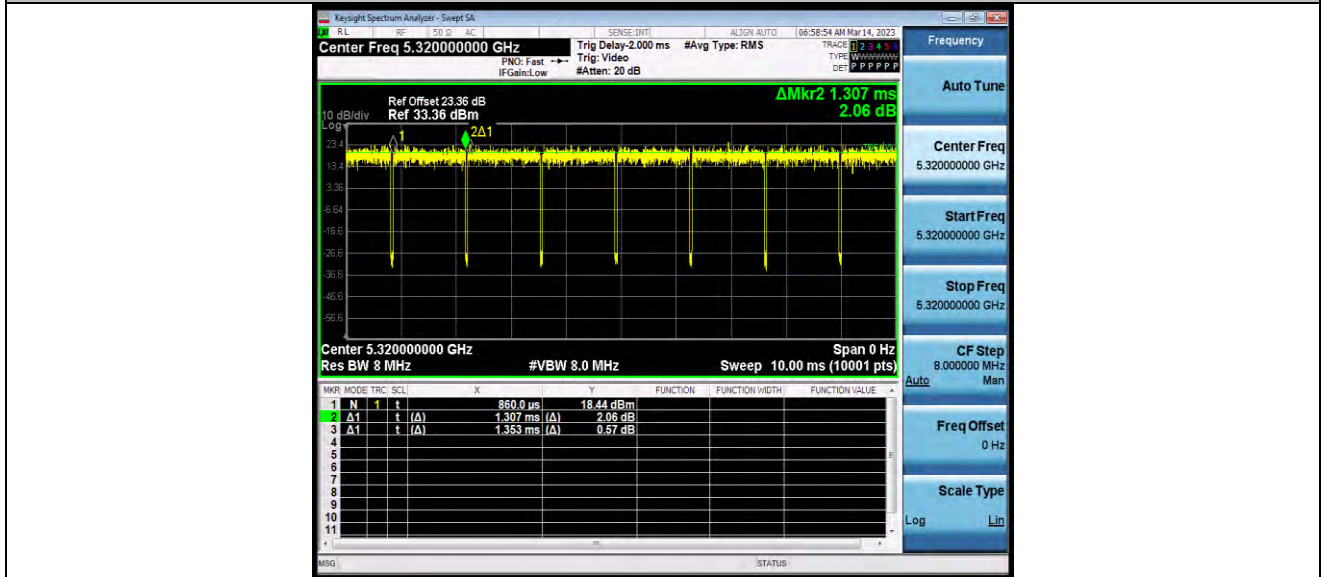


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5320

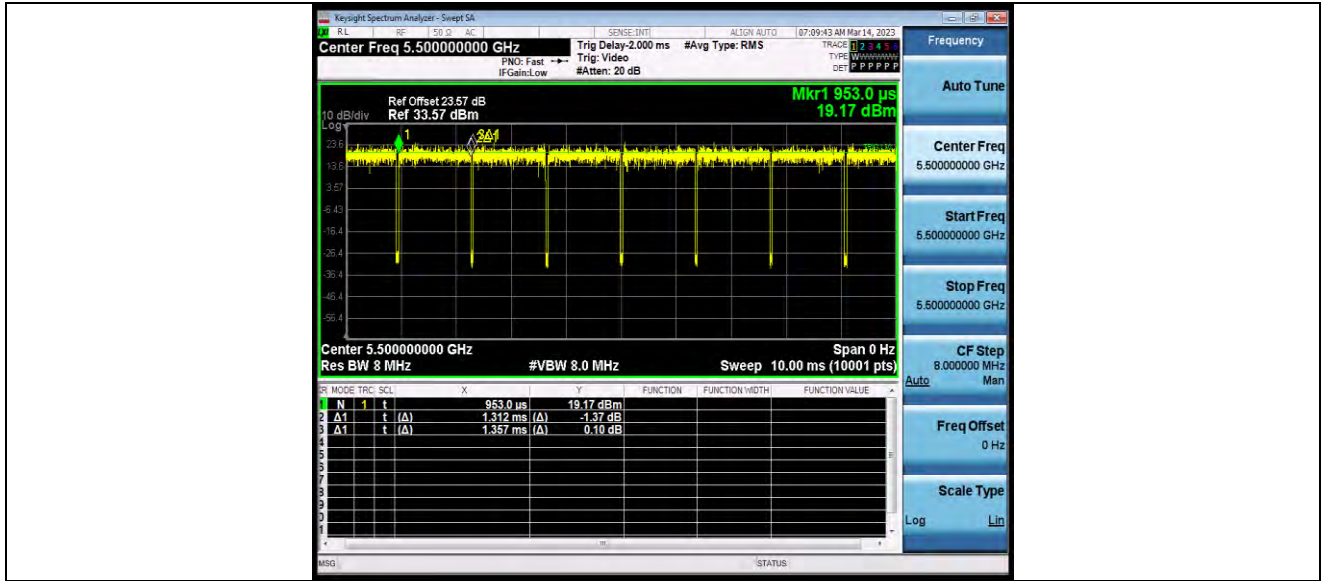


11AC20SISO_Ant1_5500

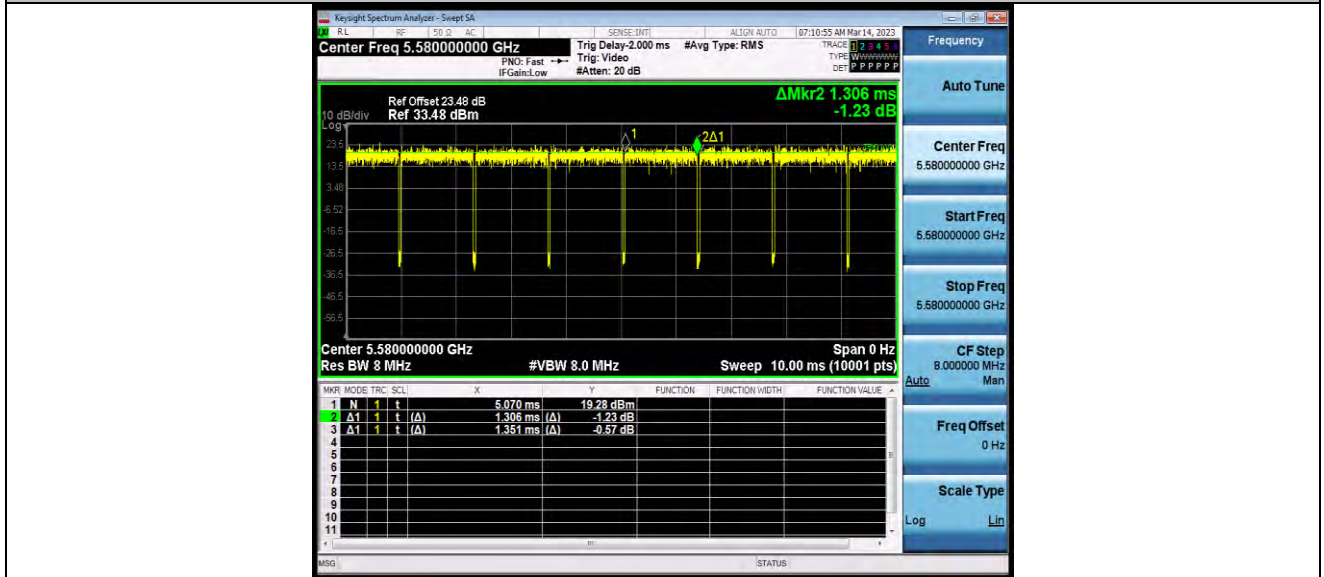


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Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5580

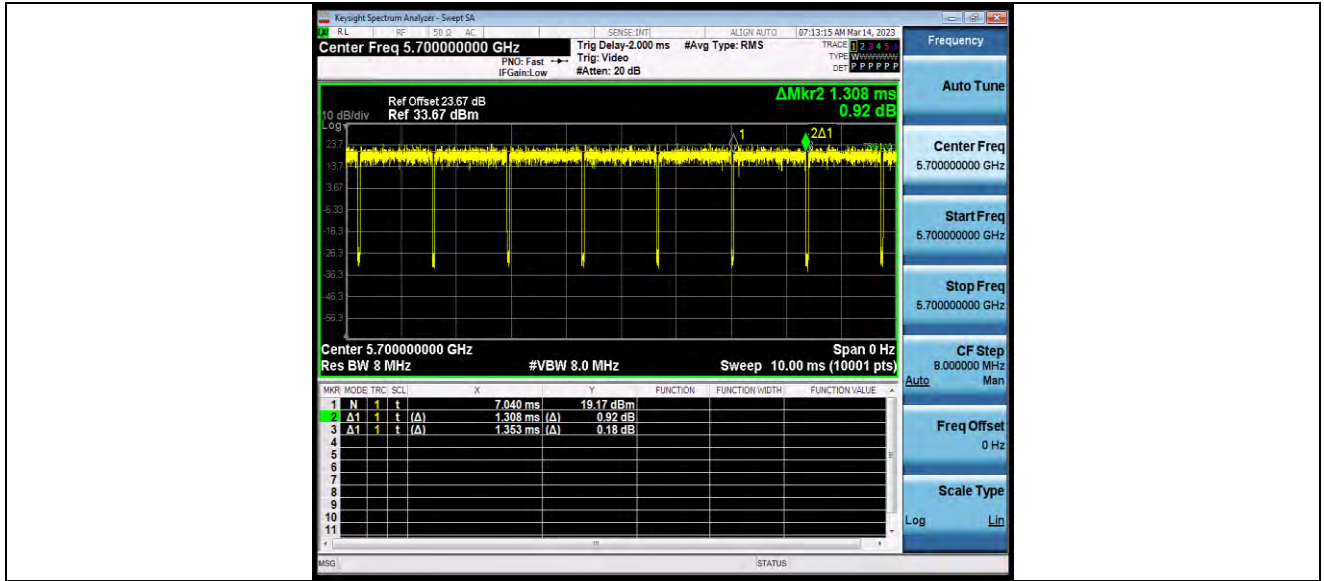


11AC20SISO_Ant1_5700

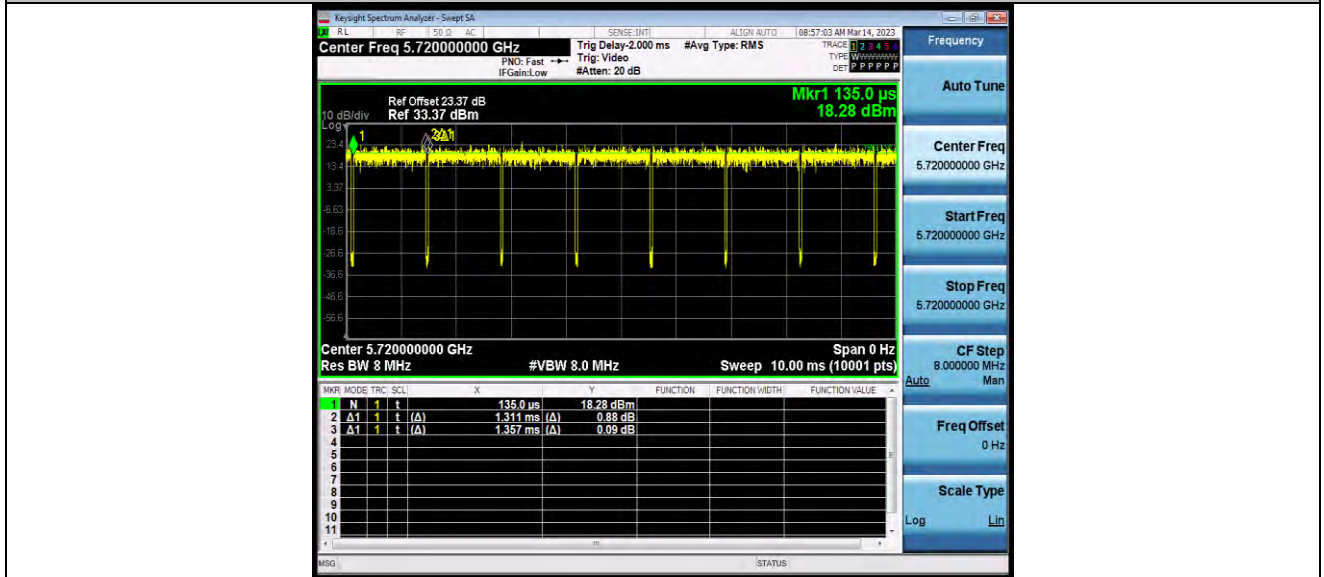


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Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5720

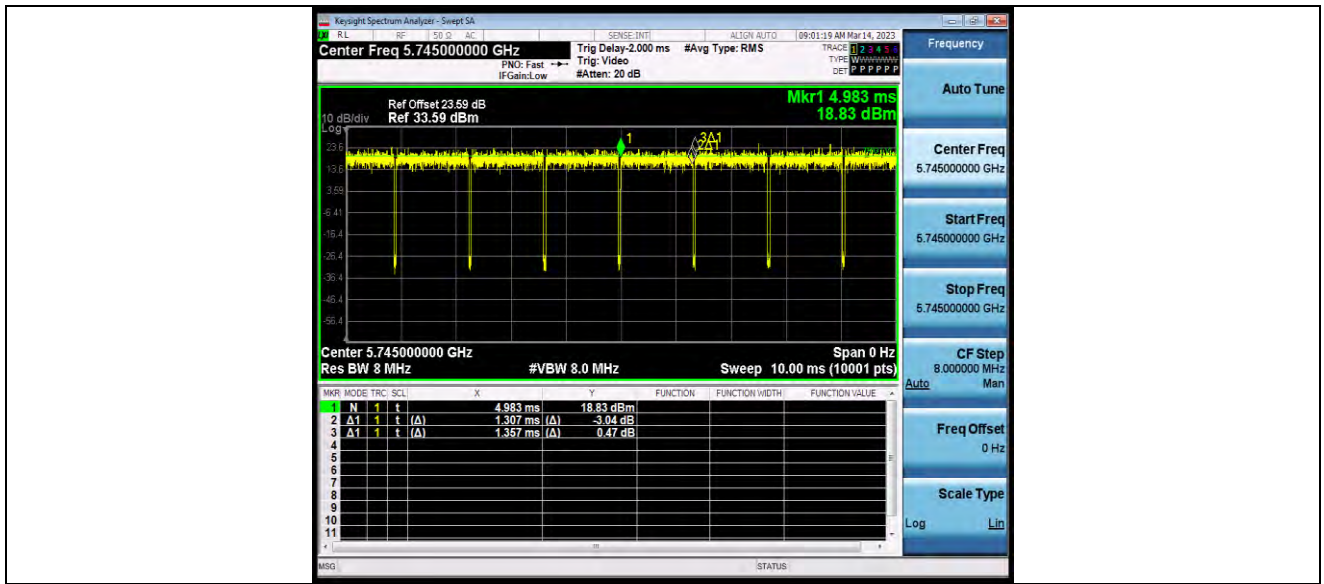


11AC20SISO_Ant1_5745

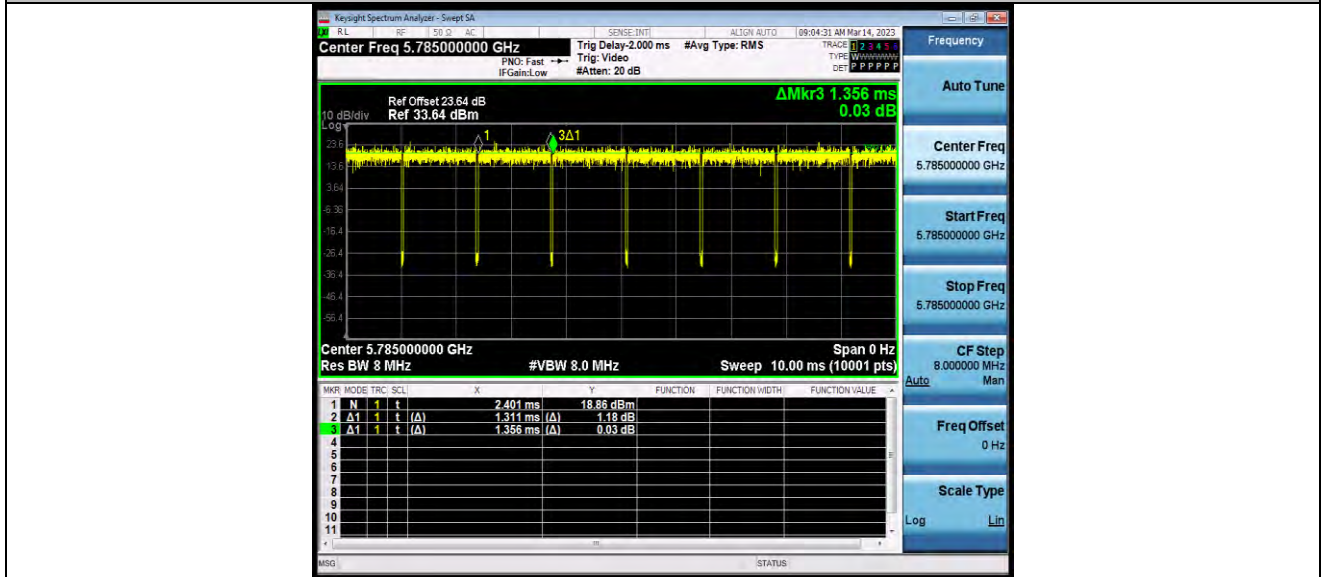


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5785

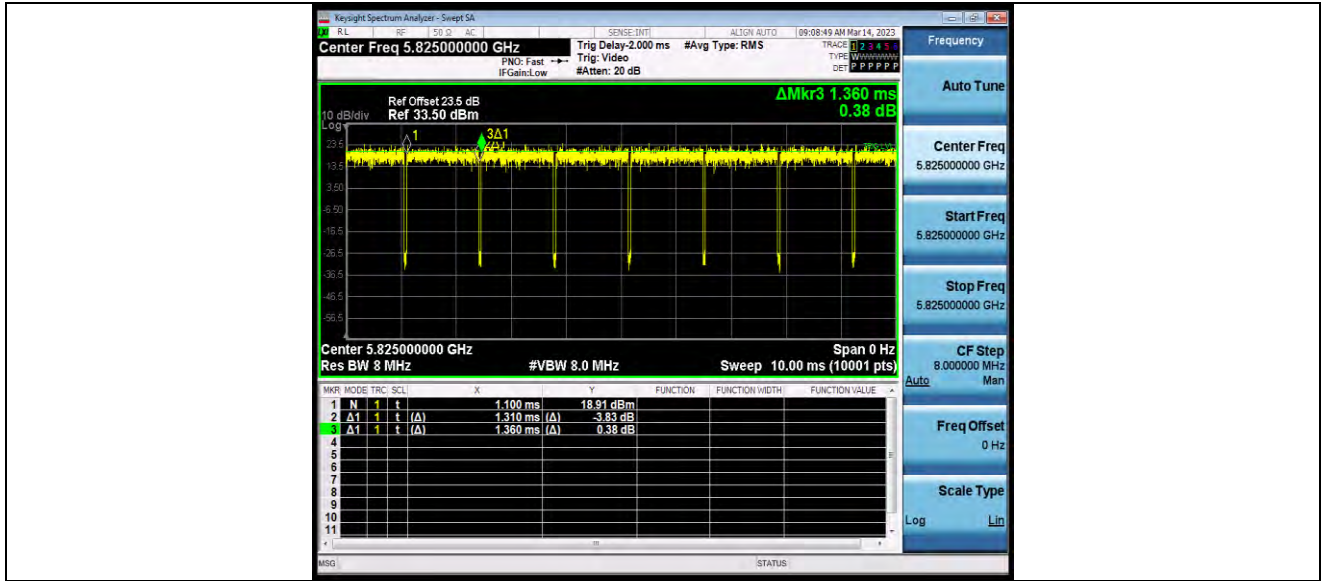


11AC20SISO_Ant1_5825

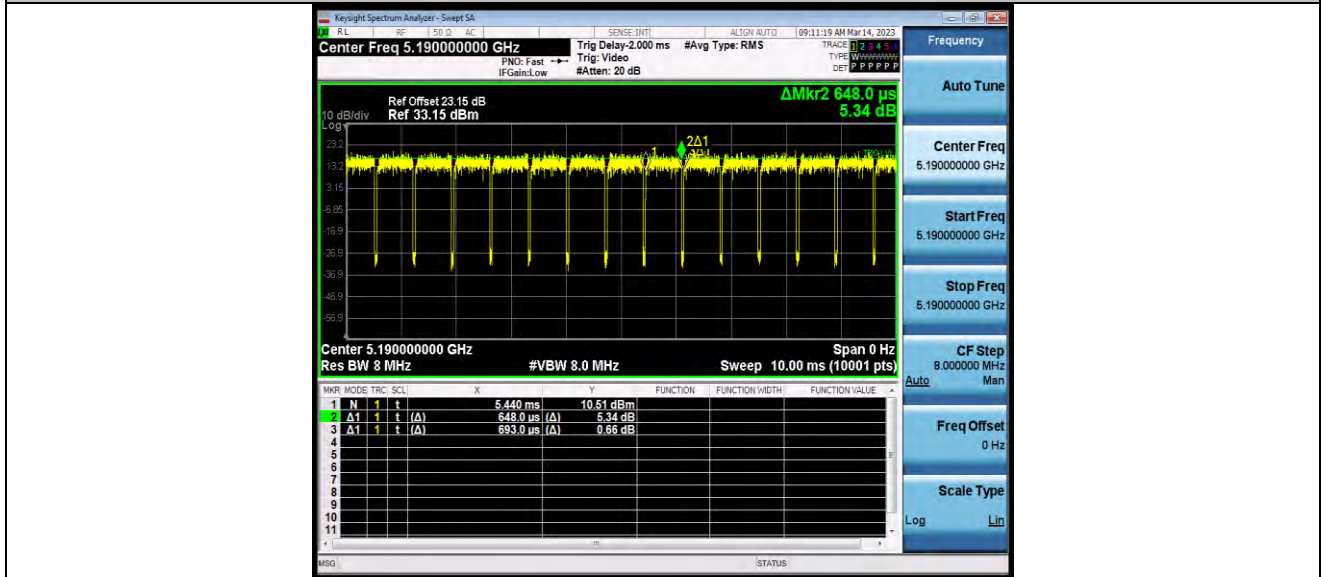


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC40SISO_Ant1_5190

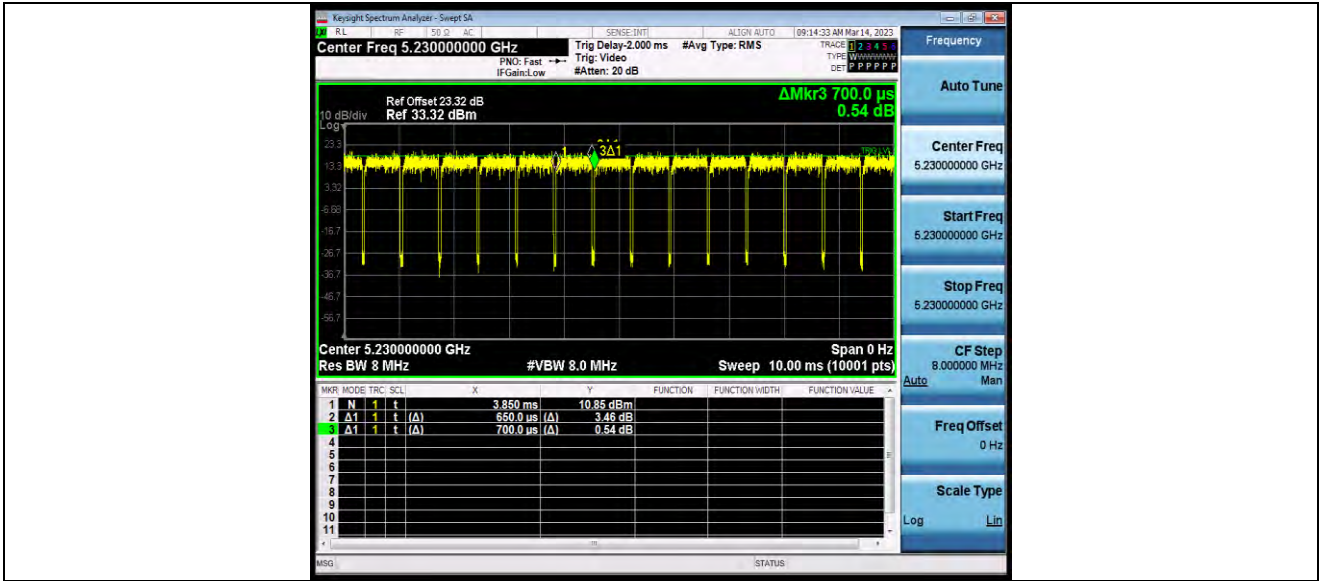


11AC40SISO_Ant1_5230

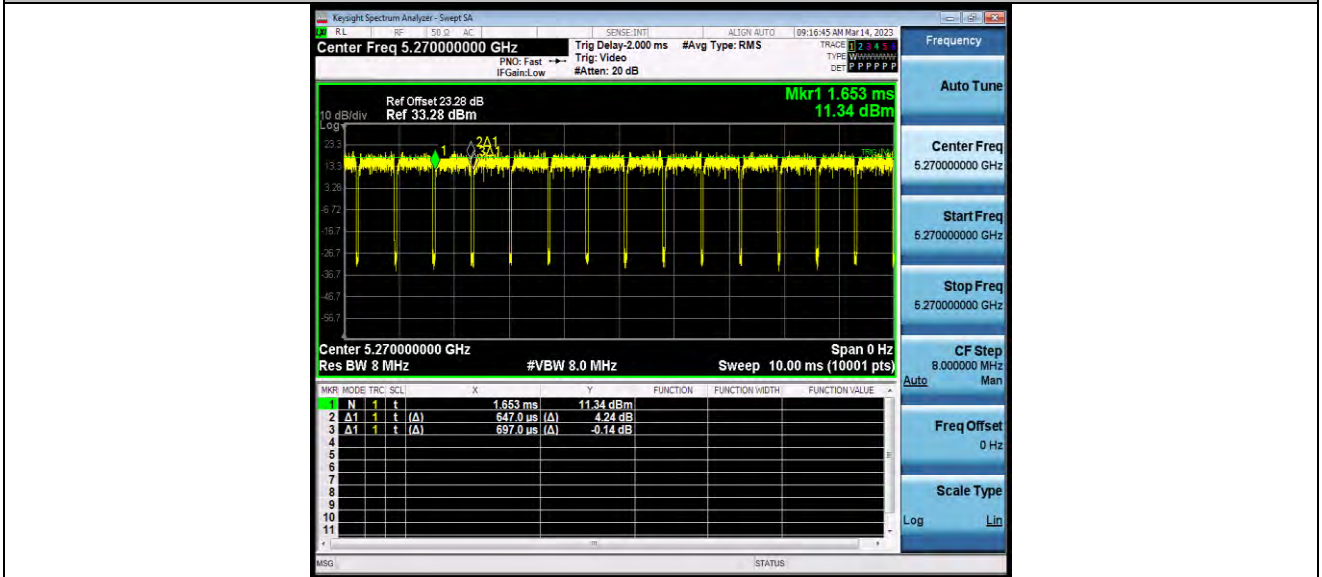


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC40SISO_Ant1_5270

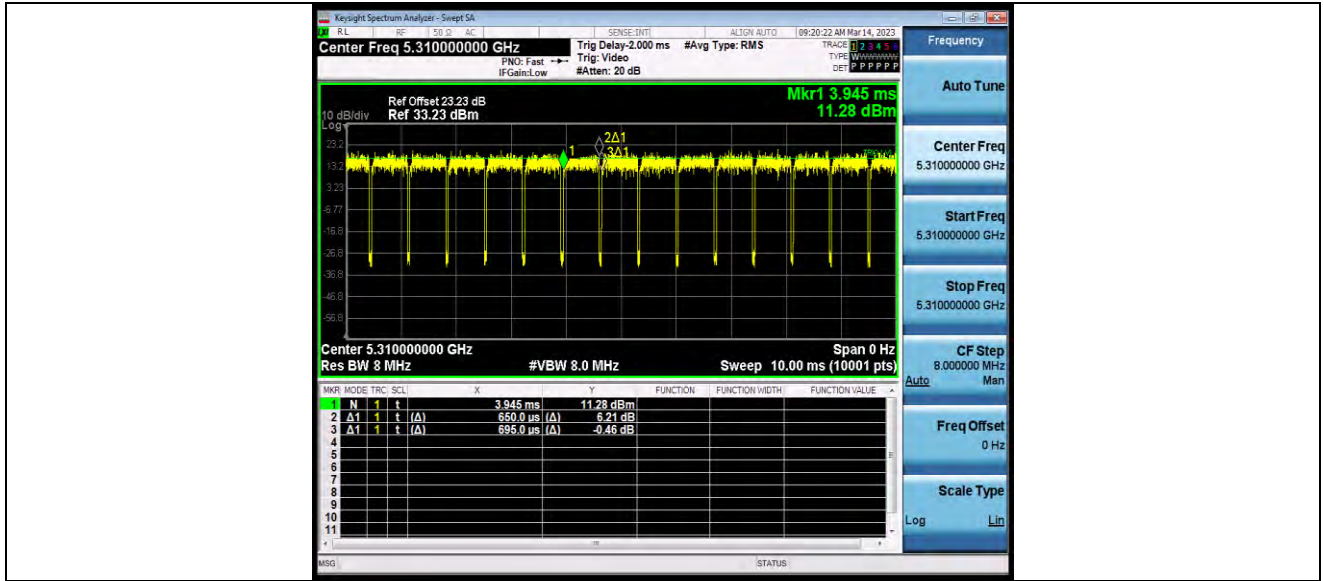


11AC40SISO_Ant1_5310

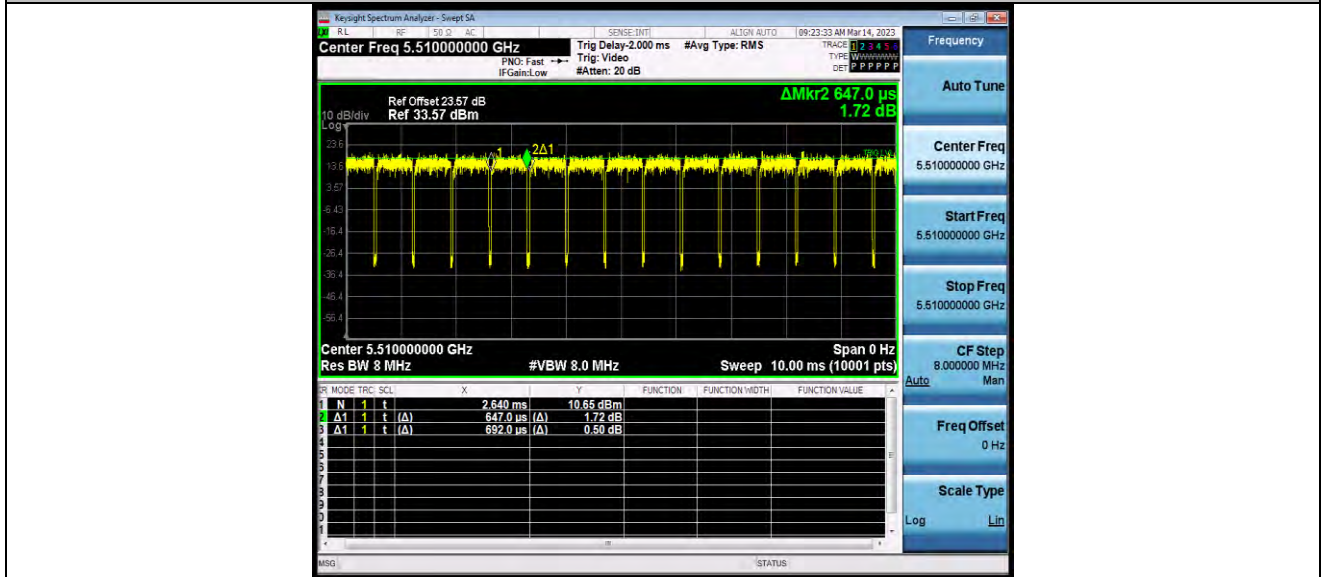


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC40SISO_Ant1_5510

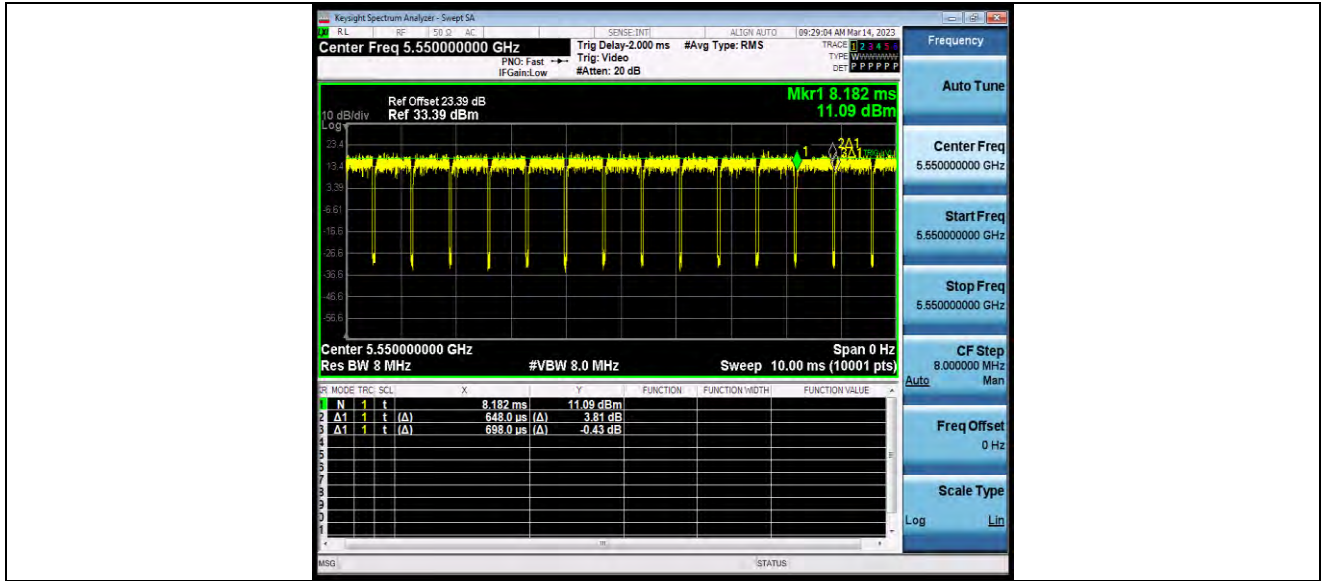


11AC40SISO_Ant1_5550

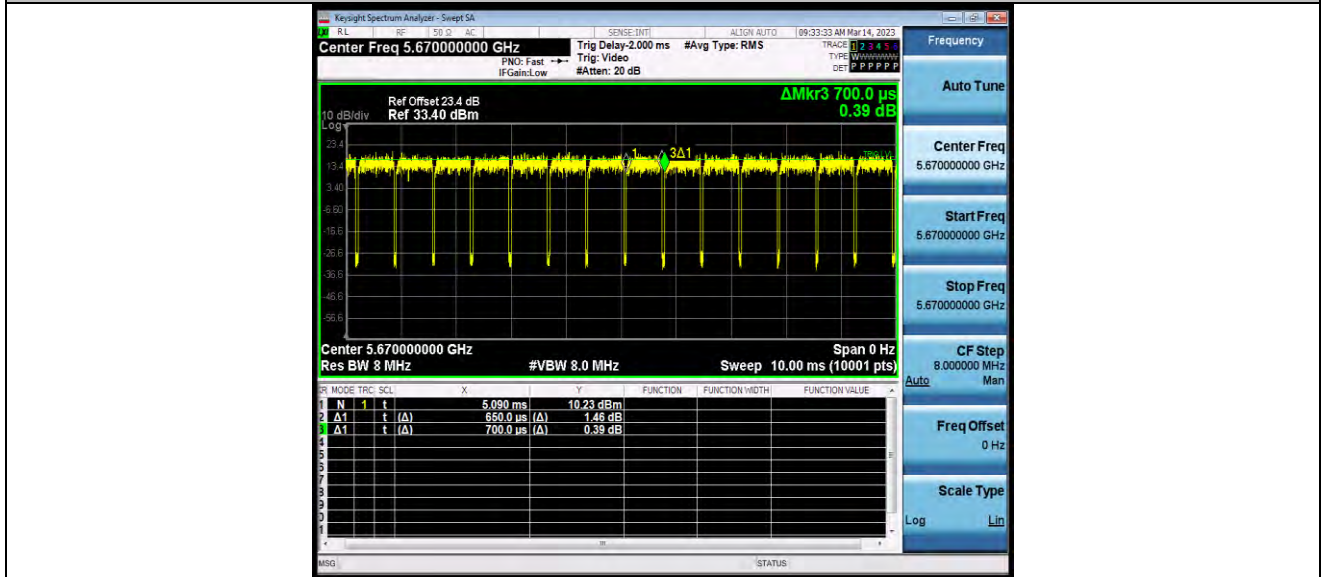


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11AC40SISO_Ant1_5670

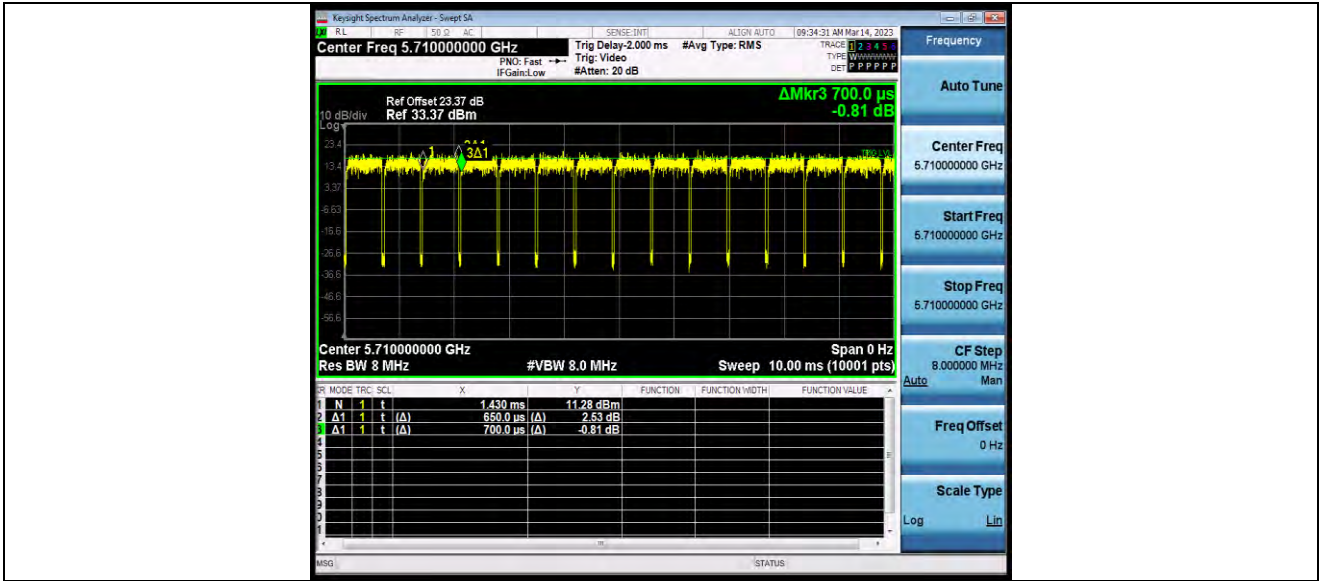


11AC40SISO_Ant1_5710

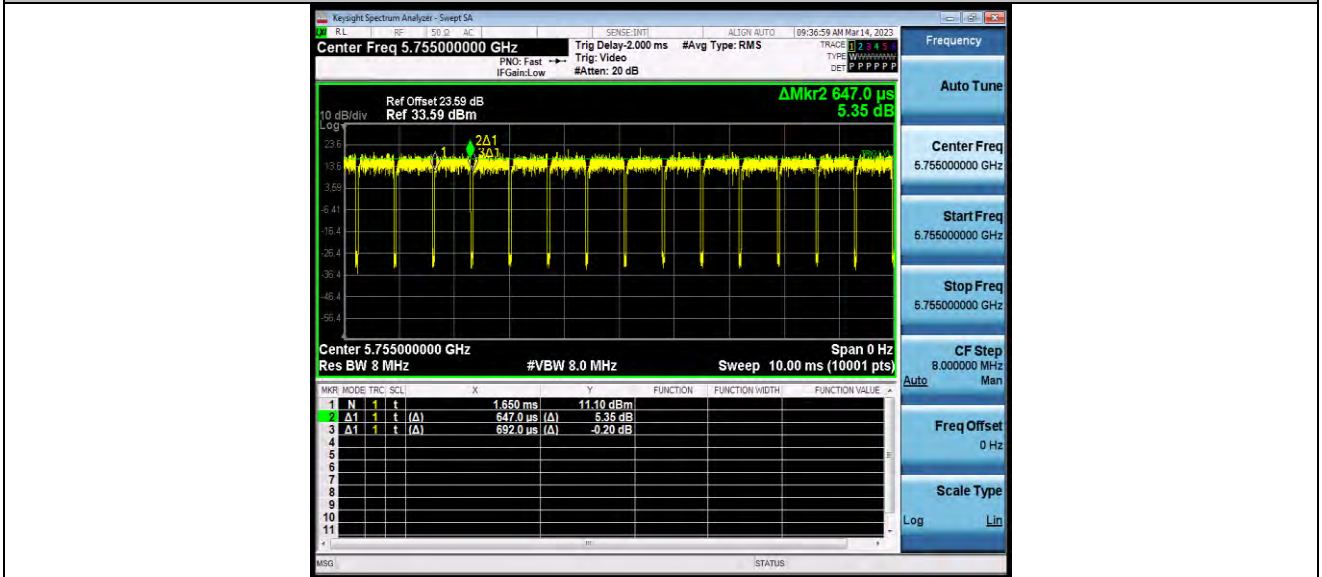


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC40SISO_Ant1_5755

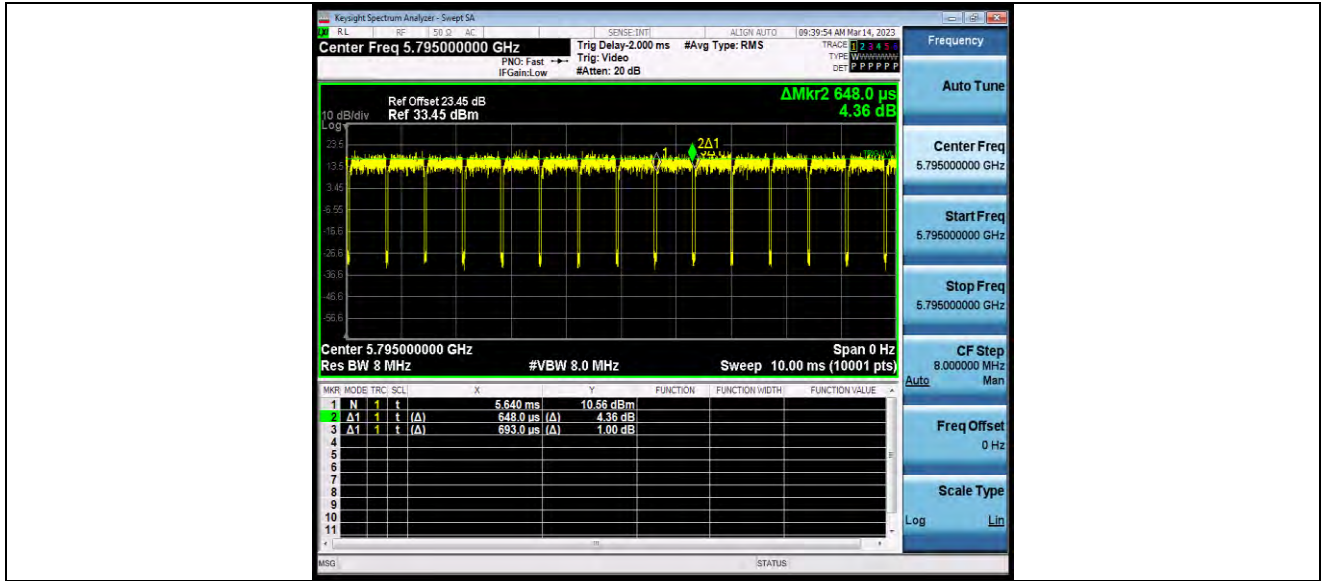


11AC40SISO_Ant1_5795

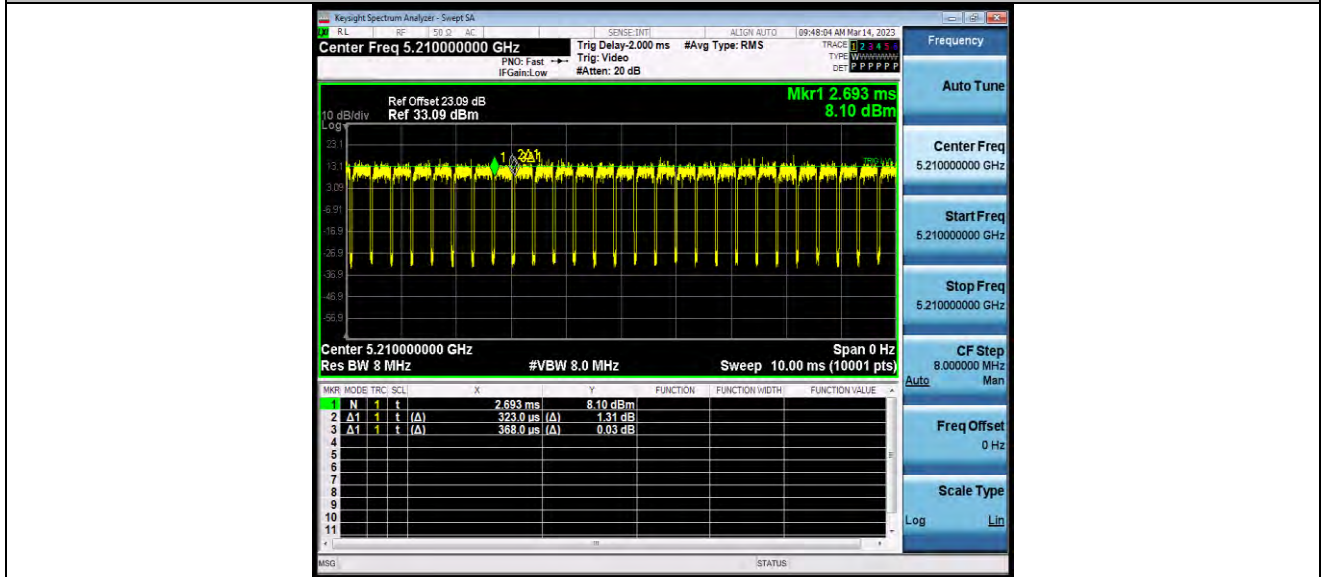


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC80SISO_Ant1_5210

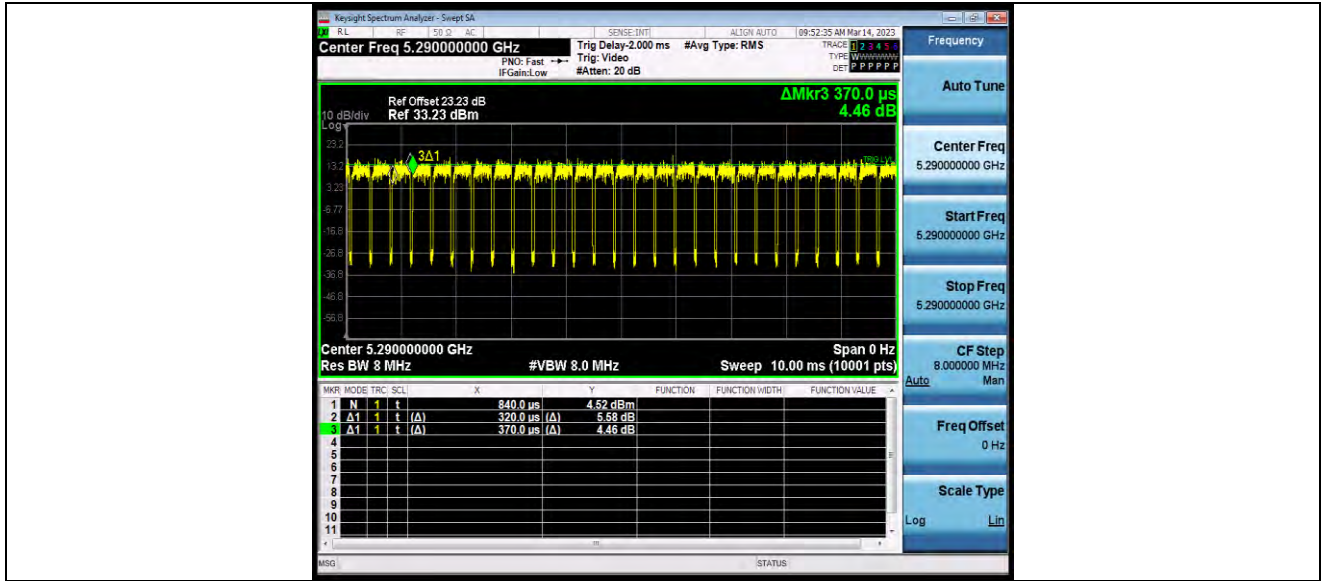


11AC80SISO_Ant1_5290

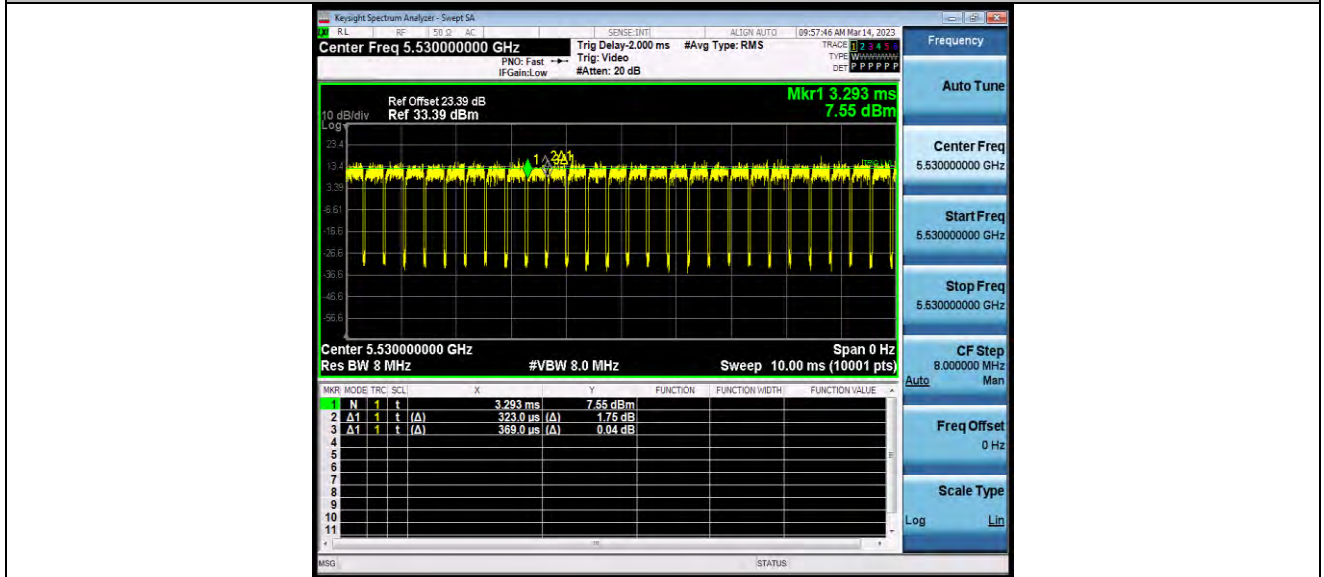


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC80SISO_Ant1_5530

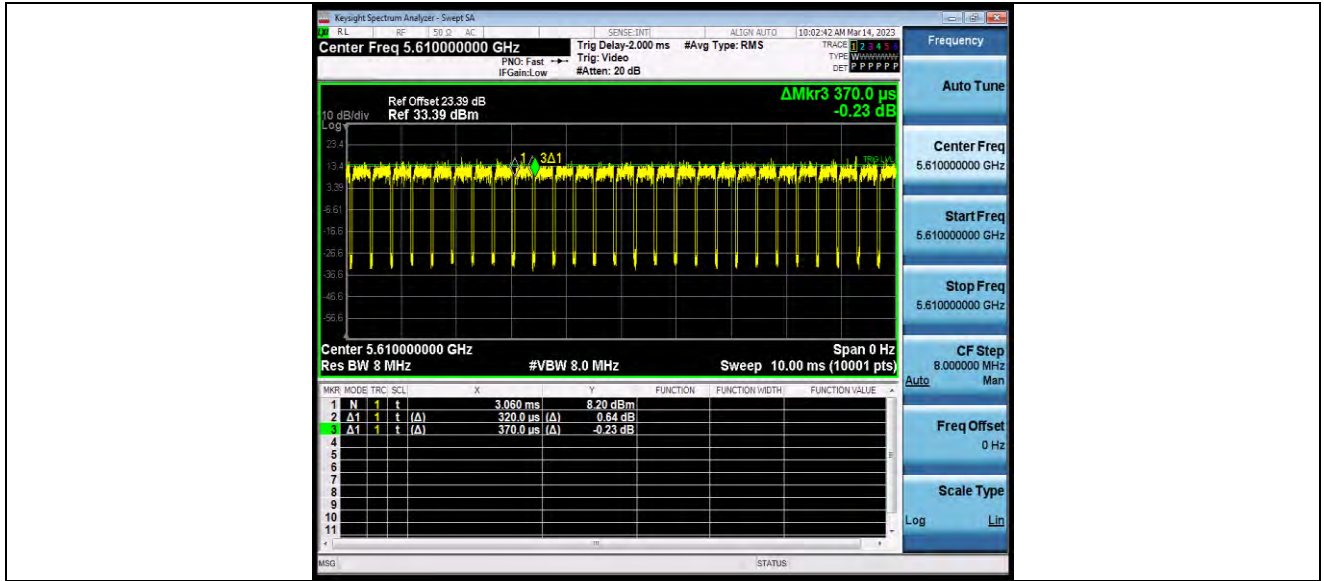


11AC80SISO_Ant1_5610

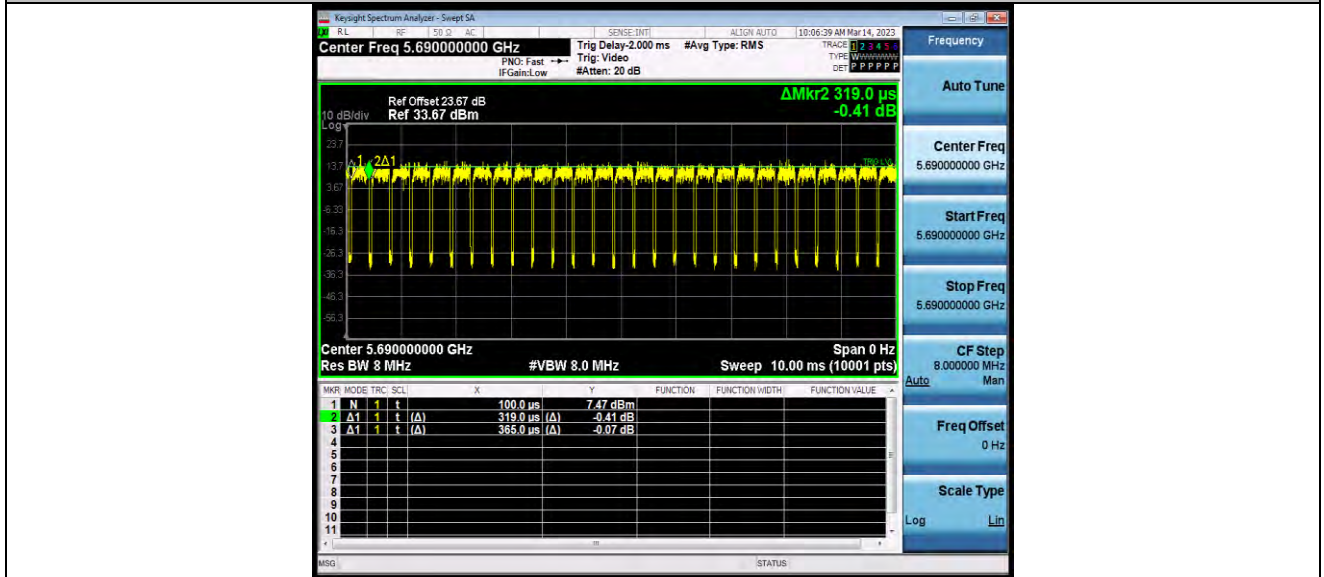


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC80SISO_Ant1_5690

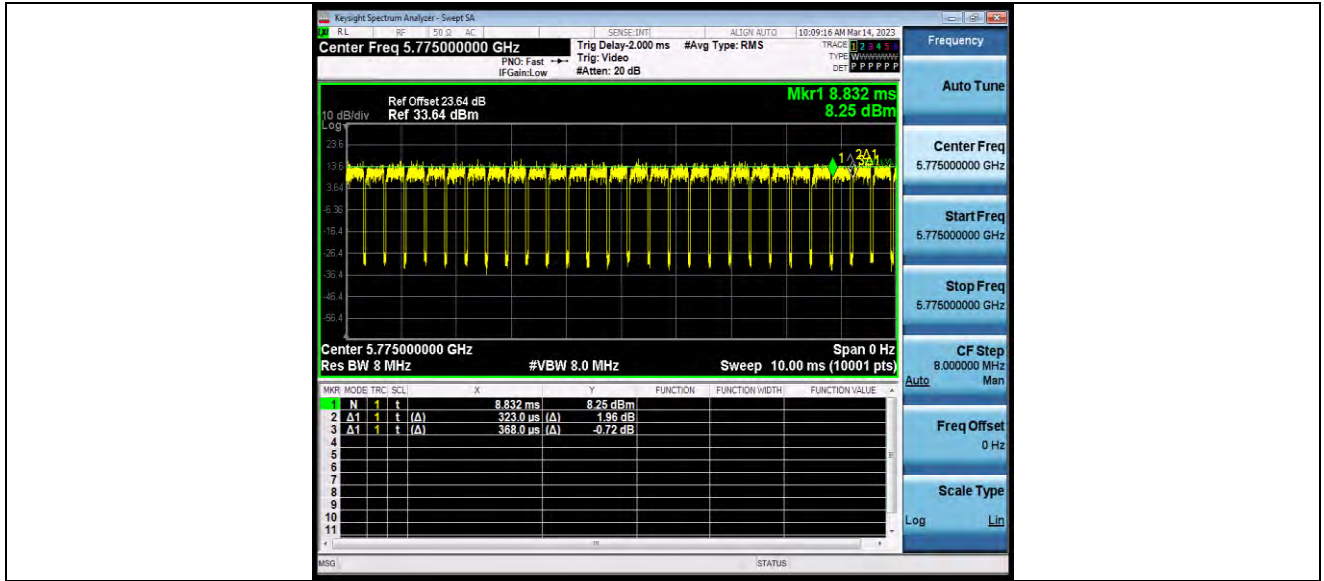


11AC80SISO_Ant1_5775



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03





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	16.90	≤24.00	/	13.30	≤22.25	Pass	17
		5200	16.87	≤24.00	/	13.27	≤22.26	Pass	17
		5240	17.11	≤24.00	/	13.51	≤22.26	Pass	17
		5260	17.00	≤24.00	≤23.26	13.10	≤29.26	Pass	17
		5300	17.20	≤24.00	≤23.26	13.30	≤29.26	Pass	17
		5320	17.30	≤24.00	≤23.24	13.40	≤29.24	Pass	17
		5500	17.15	≤24.00	≤24.00	13.35	≤29.26	Pass	17
		5580	16.89	≤24.00	≤24.00	13.09	≤29.25	Pass	17
		5700	16.96	≤24.00	≤24.00	13.16	≤29.26	Pass	17
		5720_ UNII-2 C	17.07	≤24.00	≤24.00	13.27	≤22.26	Pass	17
		5720_ UNII-3	17.07	≤30.00	≤30.00	12.77	/	Pass	17
		5745	16.96	≤30.00	≤30.00	12.66	/	Pass	17
		5785	17.16	≤30.00	≤30.00	12.86	/	Pass	17
5825	17.07	≤30.00	≤30.00	12.77	/	Pass	17		
802.11n (HT20)	SISO	5180	16.29	≤24.00	/	12.69	≤22.54	Pass	16.5
		5200	16.30	≤24.00	/	12.7	≤22.56	Pass	16.5
		5240	15.98	≤24.00	/	12.38	≤22.56	Pass	16
		5260	16.04	≤24.00	≤23.55	12.14	≤24.00	Pass	16
		5300	15.97	≤24.00	≤23.55	12.07	≤29.55	Pass	16
		5320	15.96	≤24.00	≤23.53	12.06	≤29.53	Pass	16
		5500	16.03	≤24.00	≤23.55	12.23	≤29.55	Pass	16
		5580	15.94	≤24.00	≤23.53	12.14	≤29.53	Pass	16



		5700	16.00	≤24.00	≤23.55	12.20	≤29.55	Pass	16	
		5720_								16
		UNII-2 C	16.01	≤24.00	≤22.44	12.21	≤22.44	Pass		
		5720_	16.01	≤30.00	≤30.00	11.71	/	Pass		16
		UNII-3								
		5745	16.13	≤30.00	≤30.00	11.83	/	Pass		16
		5785	16.16	≤30.00	≤30.00	11.86	/	Pass	16	
		5825	16.08	≤30.00	≤30.00	11.78	/	Pass	16	
802.11n (HT40)	SISO	5190	15.23	≤24.00	/	11.63	≤23.01	Pass	15.5	
		5230	15.21	≤24.00	/	11.61	≤23.01	Pass	15.5	
		5270	15.42	≤24.00	≤24.00	11.52	≤30	Pass	15.5	
		5310	15.38	≤24.00	≤24.00	11.48	≤30	Pass	15.5	
		5510	15.31	≤24.00	≤24.00	11.51	≤30	Pass	15.5	
		5550	15.35	≤24.00	≤24.00	11.55	≤30	Pass	15.5	
		5670	15.28	≤24.00	≤24.00	11.48	≤30	Pass	15.5	
		5710_								15.5
		UNII-2 C	15.37	≤24.00	≤24.00	11.57	≤30	Pass		
		5710_	15.37	≤30.00	≤30.00	11.07	≤36	Pass		15.5
UNII-3										
		5755	15.35	≤30.00	≤30.00	11.05	/	Pass	15.5	
		5795	15.34	≤30.00	≤30.00	11.04	/	Pass	15.5	
802.11a c (VHT20)	SISO	5180	16.28	≤24.00	/	12.68	≤22.54	Pass	16.5	
		5200	16.25	≤24.00	/	12.65	≤22.55	Pass	16.5	
		5240	16.28	≤24.00	/	12.68	≤22.56	Pass	16.5	
		5260	16.34	≤24.00	≤23.55	12.44	≤24.00	Pass	16.5	
		5300	16.02	≤24.00	≤23.55	12.12	≤29.55	Pass	16	
		5320	16.02	≤24.00	≤23.55	12.12	≤29.55	Pass	16	
		5500	16.07	≤24.00	≤23.55	12.27	≤29.55	Pass	16	
		5580	16.22	≤24.00	≤23.55	12.42	≤29.55	Pass	16.5	
		5700	16.30	≤24.00	≤23.54	12.50	≤29.54	Pass	16.5	



802.11a c (VHT20)	SISO	5720_ UNII-2 C	15.99	≤24.00	≤22.44	12.19	≤21.44	Pass	16
		5720_ UNII-3	15.99	≤30.00	≤30.00	11.69	/	Pass	16
		5745	15.89	≤30.00	≤30.00	11.59	/	Pass	16
		5785	15.96	≤30.00	≤30.00	11.66	/	Pass	16
		5825	16.15	≤30.00	≤30.00	11.85	/	Pass	16
802.11a c (VHT40)	SISO	5190	15.14	≤24.00	/	11.54	≤23.01	Pass	15.5
		5230	15.40	≤24.00	/	11.8	≤23.01	Pass	15.5
		5270	15.33	≤24.00	≤24.00	11.43	≤30	Pass	15.5
		5310	15.54	≤24.00	≤24.00	11.64	≤30	Pass	15.5
		5510	15.44	≤24.00	≤24.00	11.64	≤30	Pass	15.5
		5550	15.33	≤24.00	≤24.00	11.53	≤30	Pass	15.5
		5670	15.34	≤24.00	≤24.00	11.54	≤30	Pass	15.5
		5710_ UNII-2 C	15.45	≤24.00	≤24.00	11.65	≤30	Pass	15.5
		5710_ UNII-3	15.45	≤30.00	≤30.00	11.15	/	Pass	15.5
		5755	15.44	≤30.00	≤30.00	11.14	/	Pass	15.5
5795	15.42	≤30.00	≤30.00	11.12	/	Pass	15.5		
802.11a c (VHT80)	SISO	5210	14.72	≤24.00	/	11.12	≤23.01	Pass	15
		5290	14.60	≤24.00	≤24.00	10.70	≤30.00	Pass	15
		5530	14.51	≤24.00	≤24.00	10.71	≤30.00	Pass	15
		5610	14.55	≤24.00	≤24.00	10.75	≤30.00	Pass	15
		5690_ UNII-2 C	14.44	≤24.00	≤24.00	10.33	≤30.00	Pass	14.5
		5690_ UNII-3	14.44	≤30.00	≤30.00	10.14	/	Pass	14.5
		5775	14.54	≤30.00	≤30.00	10.24	/	Pass	14.5

Note: The Duty Cycle Factor is compensated in the Maximum Conducted Power.



SPOT CHECK

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	5320	17.10	≤24.00	≤23.24	13.20	≤29.24	Pass	17
		5785	16.85	≤30.00	≤30.00	12.55	/	Pass	17



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	EIRP Result [dBm/MHz]	EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	8.18	≤11.00	4.58	≤10.00	PASS
		5200	8.33	≤11.00	4.73	≤10.00	PASS
		5240	8.82	≤11.00	5.22	≤10.00	PASS
		5260	8.49	≤11.00	----	----	PASS
		5300	8.67	≤11.00	----	----	PASS
		5320	8.72	≤11.00	----	----	PASS
		5500	8.62	≤11.00	----	----	PASS
		5580	8.66	≤11.00	----	----	PASS
		5700	8.34	≤11.00	----	----	PASS
		5720_UNII-2C	8.38	≤11.00	----	----	PASS
		5720_UNII-3	3.58	≤30.00	----	----	PASS
		5745	6.23	≤30.00	----	----	PASS
		5785	5.96	≤30.00	----	----	PASS
		5825	5.69	≤30.00	----	----	PASS
11N20SISO	Ant1	5180	7.39	≤11.00	3.79	≤10.00	PASS
		5200	7.55	≤11.00	3.95	≤10.00	PASS
		5240	7.38	≤11.00	3.78	≤10.00	PASS
		5260	7.29	≤11.00	----	----	PASS
		5300	7.56	≤11.00	----	----	PASS
		5320	7.65	≤11.00	----	----	PASS
		5500	7.09	≤11.00	----	----	PASS
		5580	7.2	≤11.00	----	----	PASS
		5700	6.98	≤11.00	----	----	PASS
		5720_UNII-2C	6.54	≤11.00	----	----	PASS
		5720_UNII-3	1.77	≤30.00	----	----	PASS
		5745	3.53	≤30.00	----	----	PASS



11N20SISO	Ant1	5785	3.4	≤30.00	----	----	PASS
		5825	3.41	≤30.00	----	----	PASS
11N40SISO	Ant1	5190	2.59	≤11.00	-1.01	≤10.00	PASS
		5230	3.01	≤11.00	-0.59	≤10.00	PASS
		5270	2.87	≤11.00	----	----	PASS
		5310	2.86	≤11.00	----	----	PASS
		5510	2.72	≤11.00	----	----	PASS
		5550	2.55	≤11.00	----	----	PASS
		5670	2.36	≤11.00	----	----	PASS
		5710_UNII-2C	2.36	≤11.00	----	----	PASS
		5710_UNII-3	-3.47	≤30.00	----	----	PASS
		5755	0.13	≤30.00	----	----	PASS
		5795	-0.37	≤30.00	----	----	PASS
11AC20SISO	Ant1	5180	6.75	≤11.00	3.15	≤10.00	PASS
		5200	6.66	≤11.00	3.06	≤10.00	PASS
		5240	7.18	≤11.00	3.58	≤10.00	PASS
		5260	7.12	≤11.00	----	----	PASS
		5300	6.16	≤11.00	----	----	PASS
		5320	6.25	≤11.00	----	----	PASS
		5500	6.15	≤11.00	----	----	PASS
		5580	6.48	≤11.00	----	----	PASS
		5700	6.39	≤11.00	----	----	PASS
		5720_UNII-2C	6.14	≤11.00	----	----	PASS
		5720_UNII-3	1.18	≤30.00	----	----	PASS
		5745	4.01	≤30.00	----	----	PASS
		5785	3.84	≤30.00	----	----	PASS
5825	3.15	≤30.00	----	----	PASS		
11AC40SISO	Ant1	5190	2.87	≤11.00	-0.73	≤10.00	PASS
		5230	3.03	≤11.00	-0.57	≤10.00	PASS
		5270	3.04	≤11.00	----	----	PASS
		5310	2.82	≤11.00	----	----	PASS



11AC40SISO	Ant1	5510	2.93	≤11.00	----	----	PASS
		5550	2.87	≤11.00	----	----	PASS
		5670	2.18	≤11.00	----	----	PASS
		5710_UNII-2C	2.55	≤11.00	----	----	PASS
		5710_UNII-3	-3.81	≤30.00	----	----	PASS
		5755	-0.08	≤30.00	----	----	PASS
		5795	-0.21	≤30.00	----	----	PASS
11AC80SISO	Ant1	5210	-1.23	≤11.00	-4.83	≤10.00	PASS
		5290	-0.84	≤11.00	----	----	PASS
		5530	-1.34	≤11.00	----	----	PASS
		5610	-1.58	≤11.00	----	----	PASS
		5690_UNII-2C	-1.62	≤11.00	----	----	PASS
		5690_UNII-3	-7.26	≤30.00	----	----	PASS
		5775	-4.24	≤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(2.22dbm) is compensated in the graph.



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03

TEST GRAPHS

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



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Test Report No.: W7L-P23030005RF03



11A_Ant1_5260

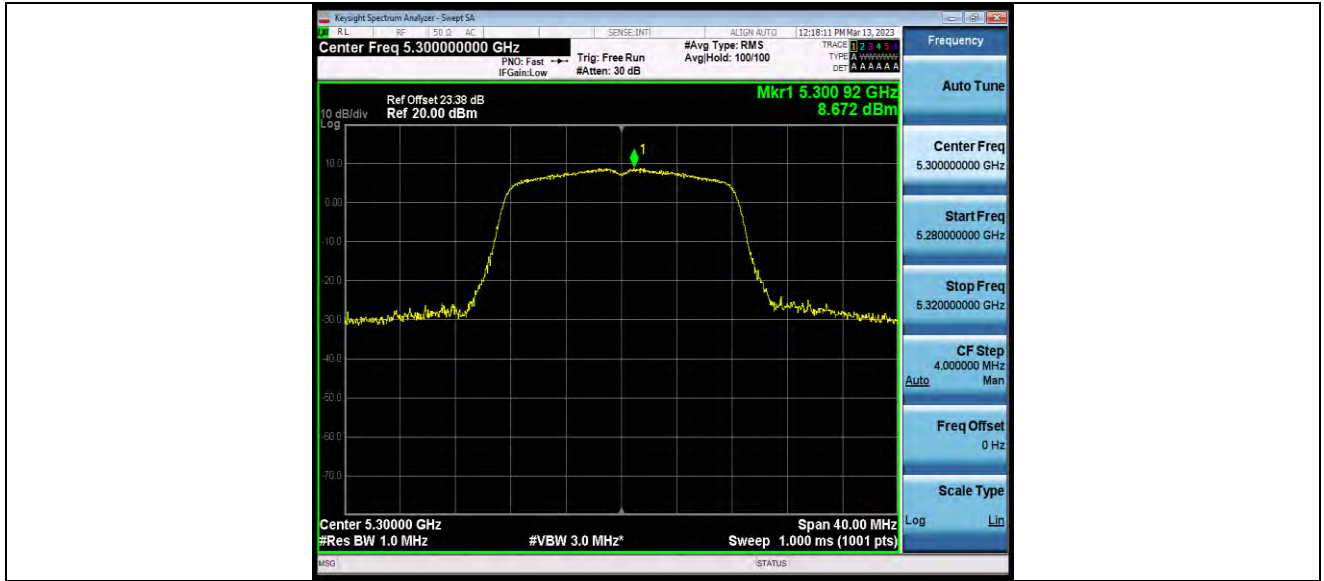


11A_Ant1_5300



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11A_Ant1_5320



11A_Ant1_5500



BUREAU
VERITAS

Test Report No.: W7L-P23030005RF03



11A_Ant1_5580

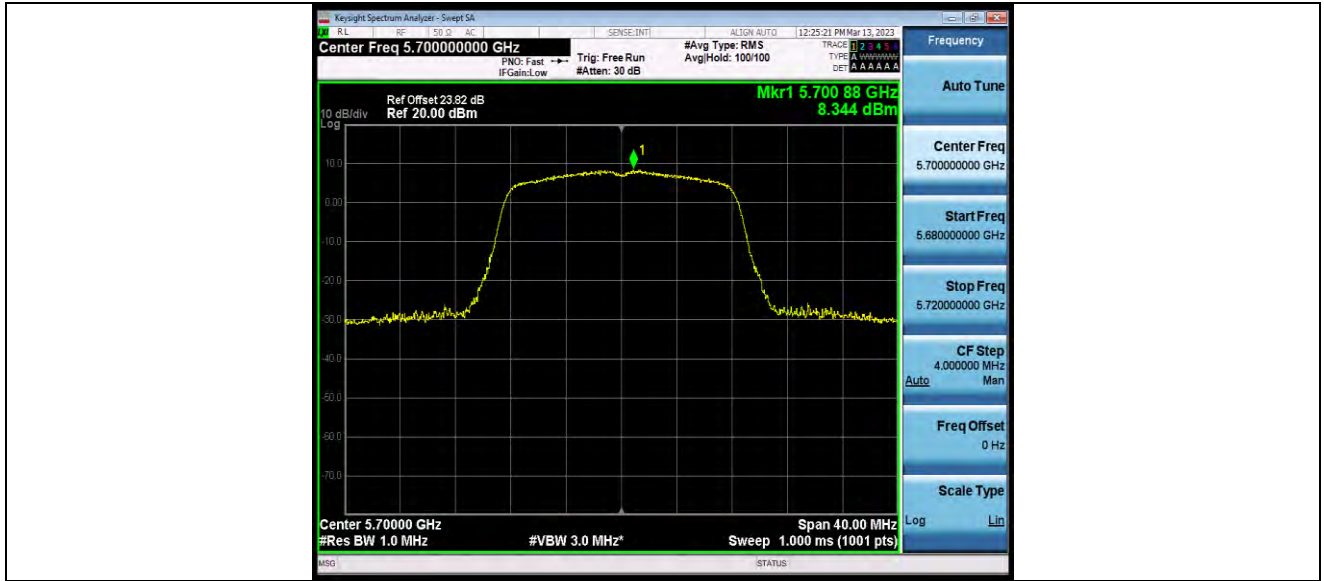


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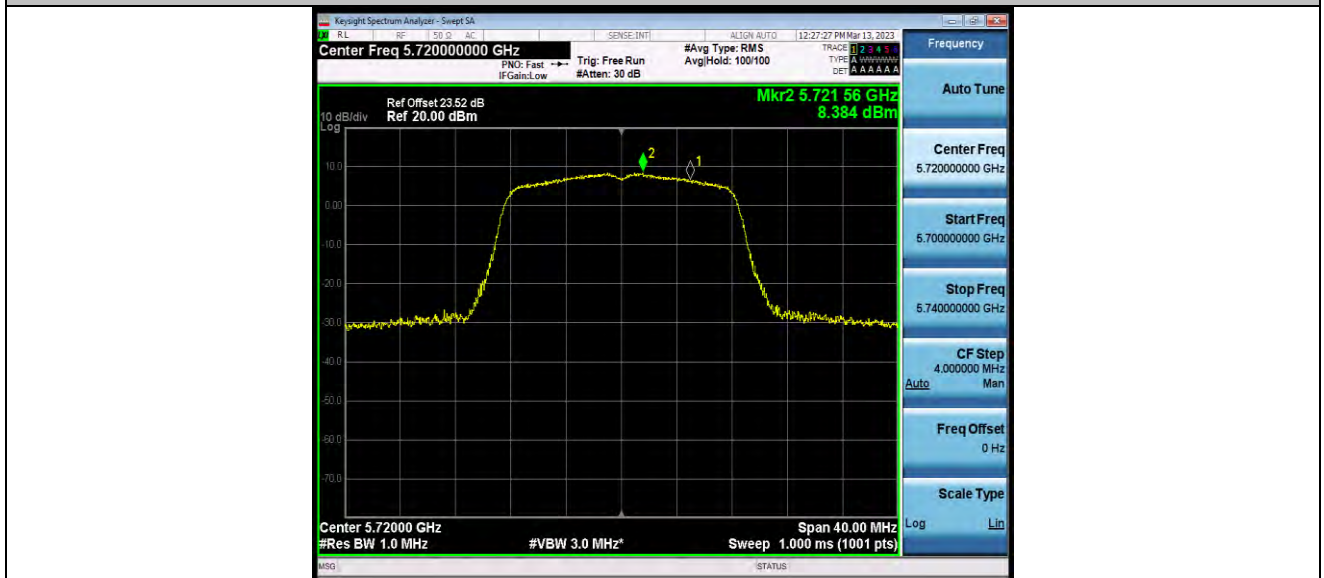


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11A_Ant1_5720_UNII-2C



11A_Ant1_5720_UNII-3



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11A_Ant1_5745



11A_Ant1_5785



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VERITAS

Test Report No.: W7L-P23030005RF03



11A_Ant1_5825



11N20SISO_Ant1_5180



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N20SISO_Ant1_5200

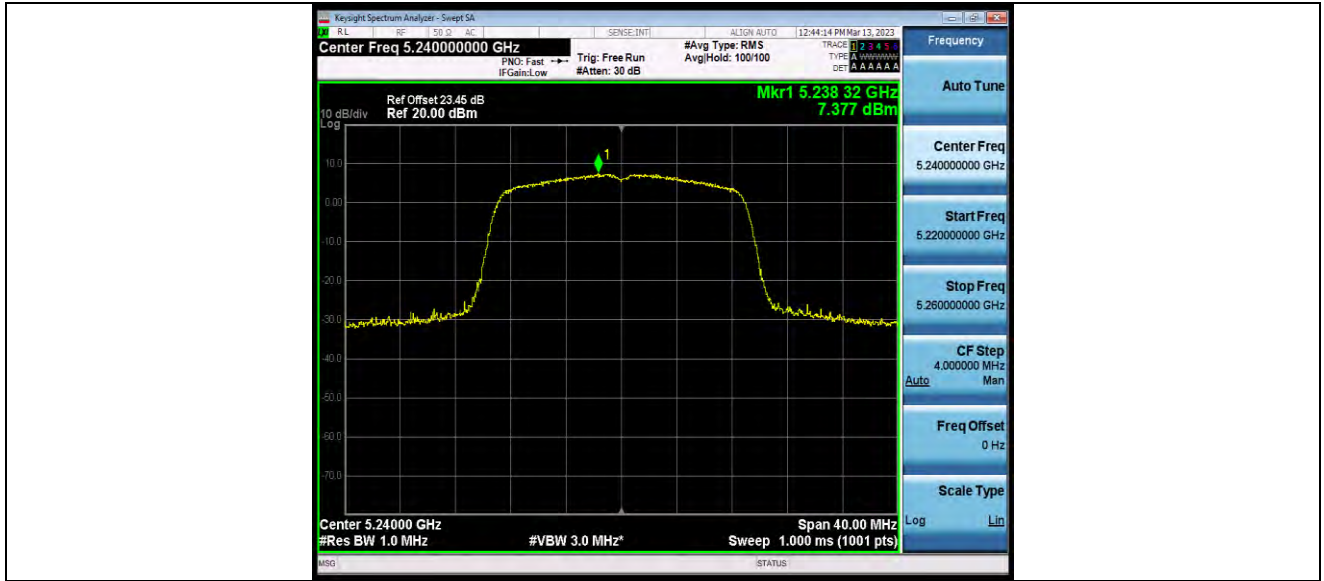


11N20SISO_Ant1_5240



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N20SISO_Ant1_5320



11N20SISO_Ant1_5500



BUREAU
VERITAS

Test Report No.: W7L-P23030005RF03



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700

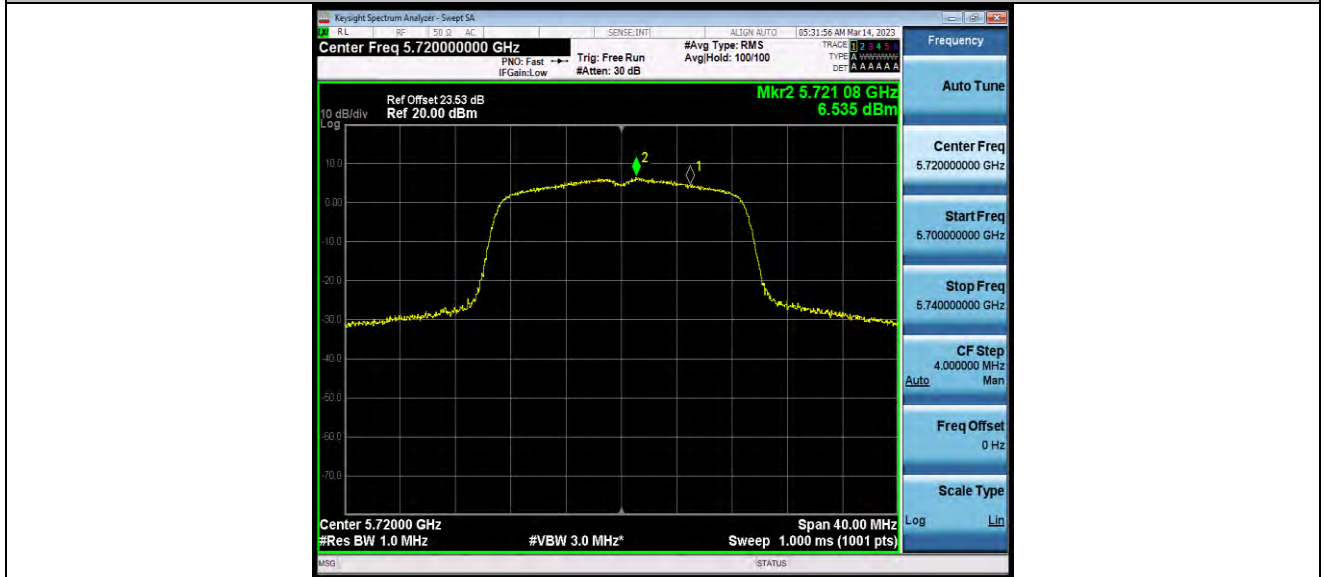


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N20SISO_Ant1_5720_UNII-2C



11N20SISO_Ant1_5720_UNII-3



BUREAU
VERITAS

Test Report No.: W7L-P23030005RF03



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



BUREAU
VERITAS

Test Report No.: W7L-P23030005RF03



11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N40SISO_Ant1_5310



11N40SISO_Ant1_5510



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N40SISO_Ant1_5550

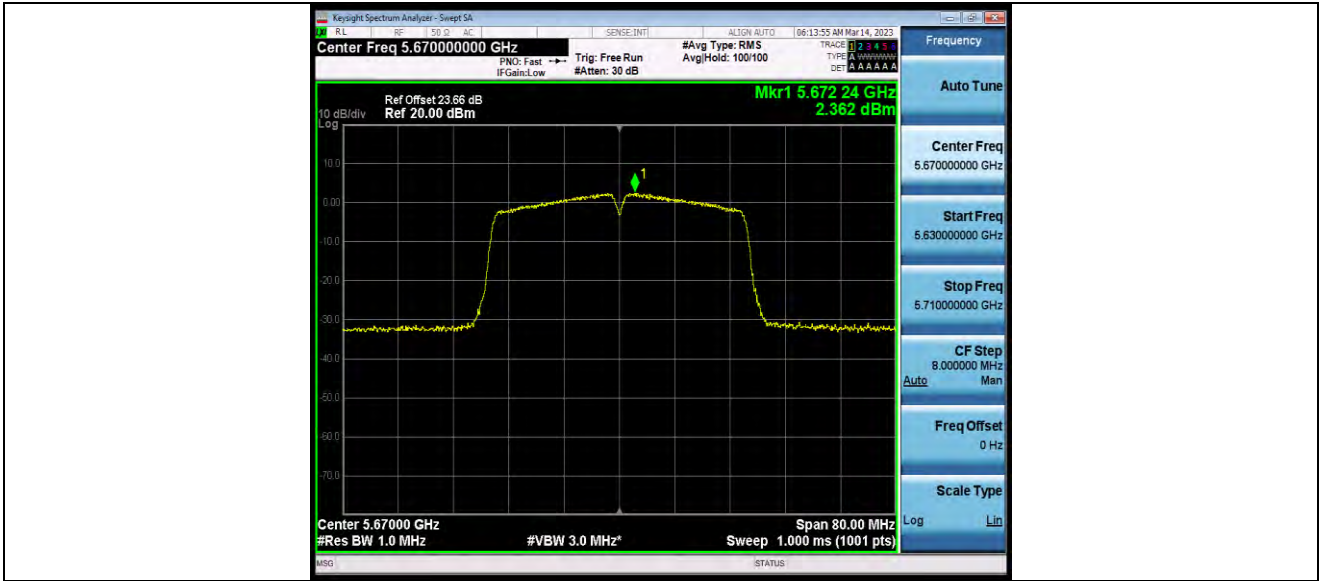


11N40SISO_Ant1_5670



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N40SISO_Ant1_5710_UNII-2C

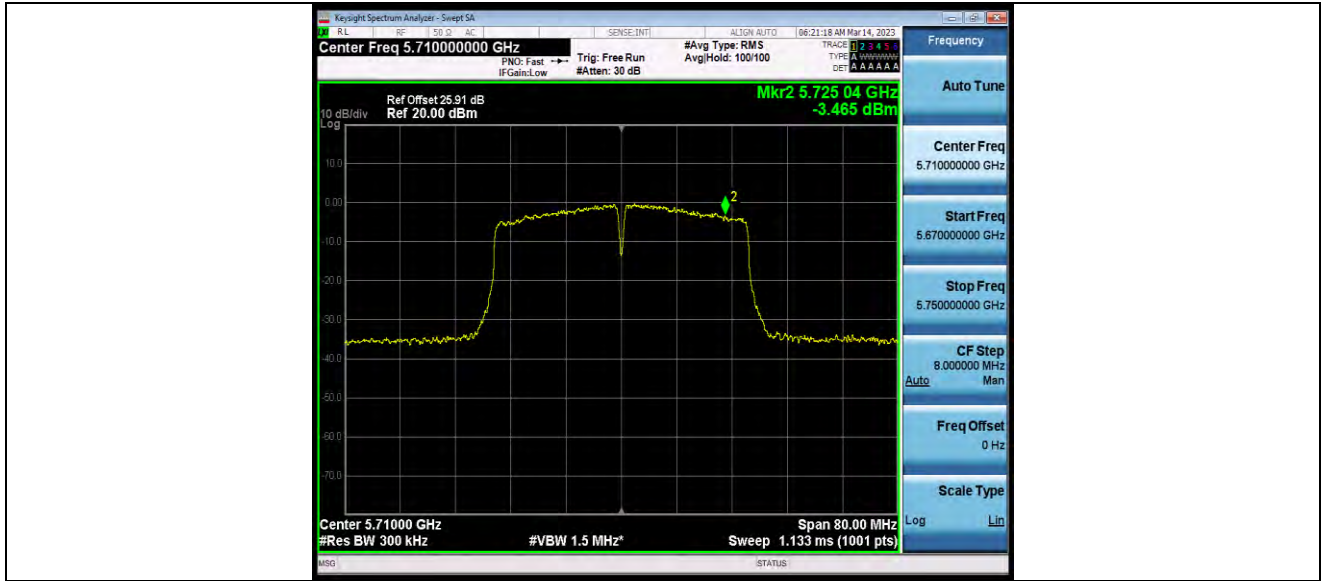


11N40SISO_Ant1_5710_UNII-3



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



BUREAU
VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



BUREAU
VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5300



11AC20SISO_Ant1_5320

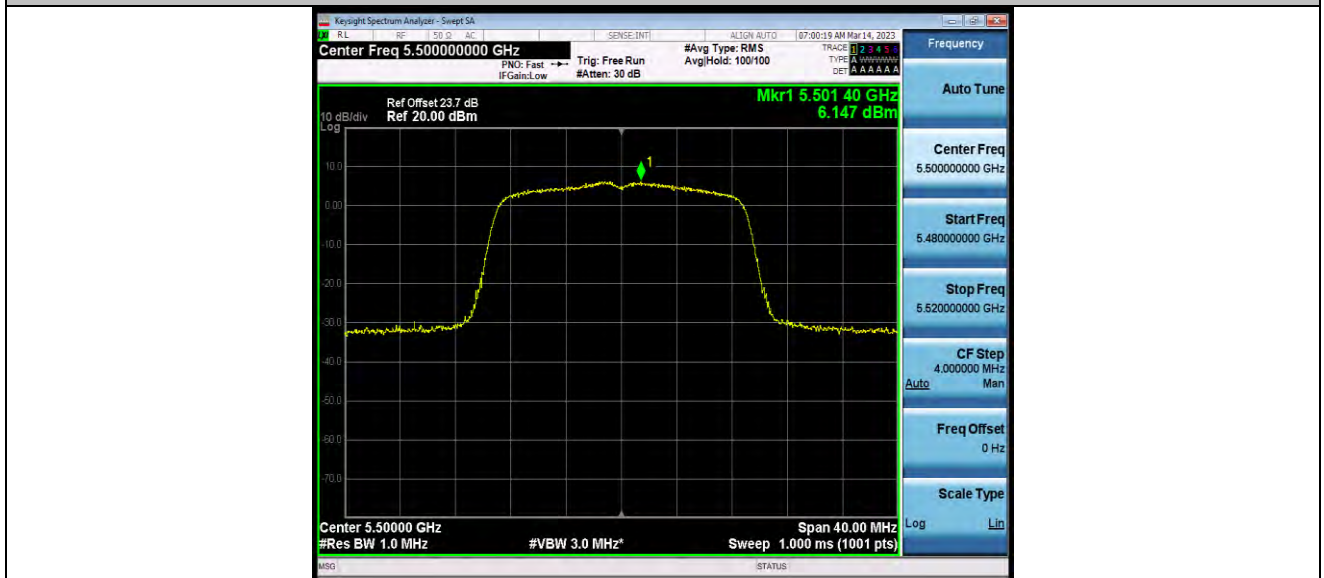


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VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5500

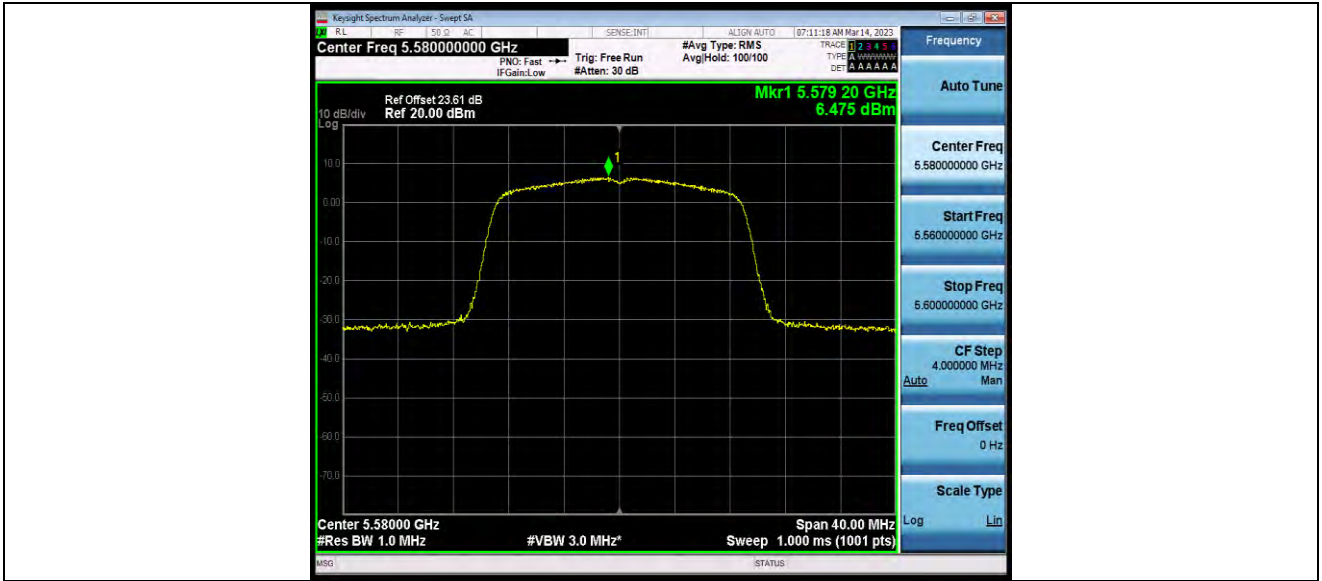


11AC20SISO_Ant1_5580



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5700

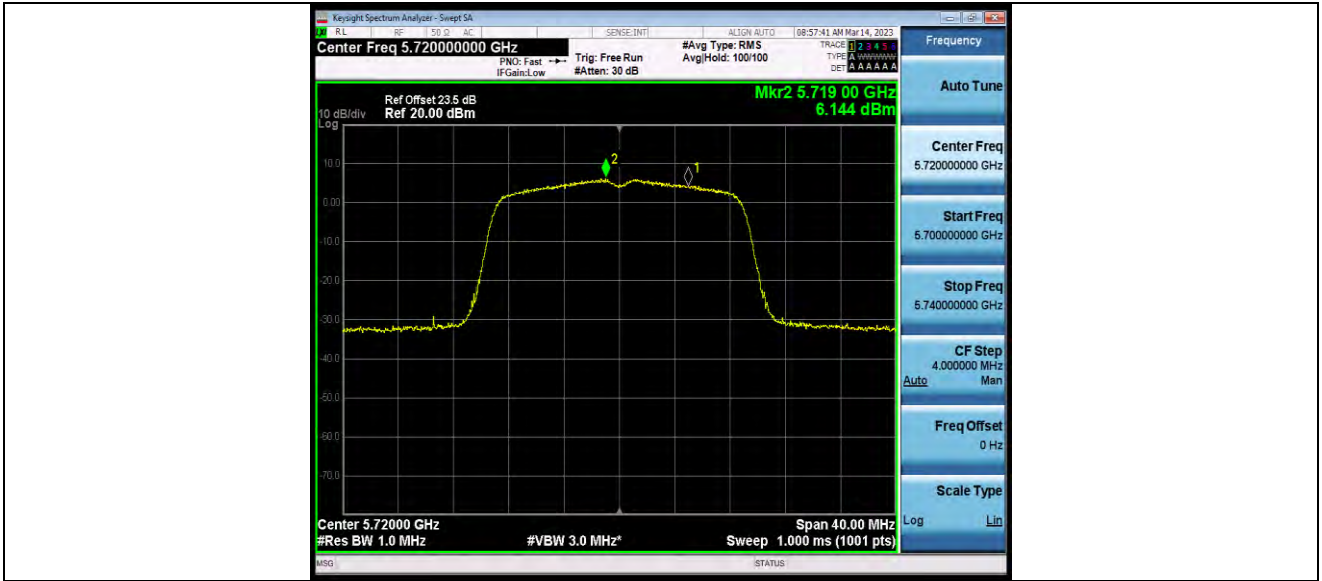


11AC20SISO_Ant1_5720_UNII-2C



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5720_UNII-3



11AC20SISO_Ant1_5745



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC20SISO_Ant1_5785

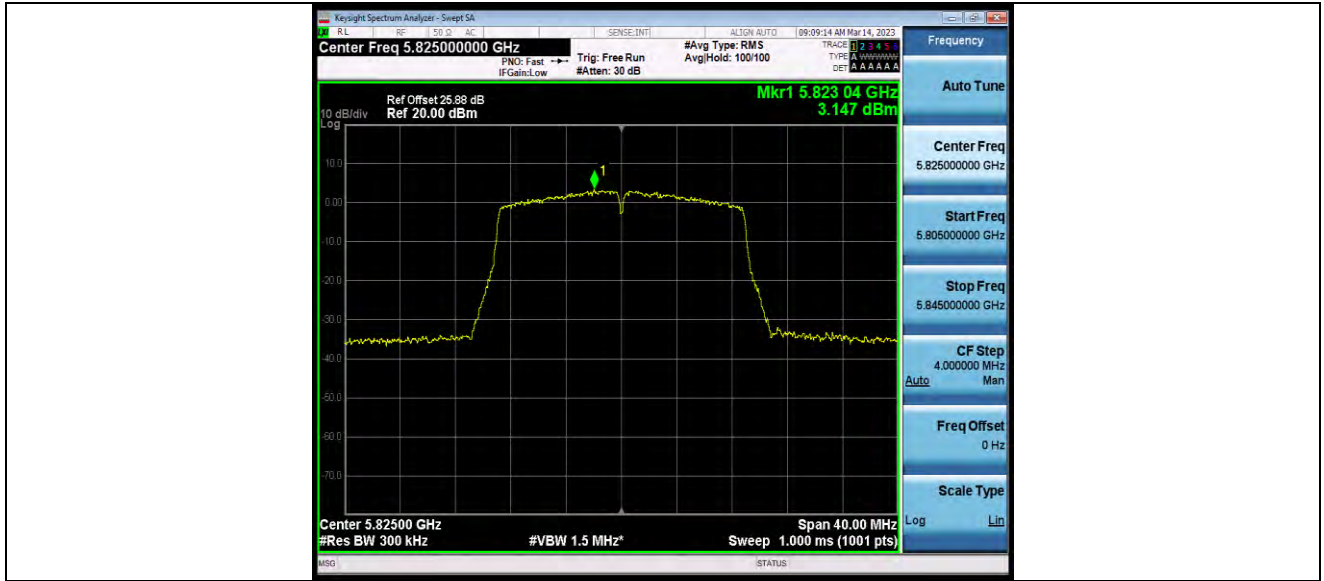


11AC20SISO_Ant1_5825



BUREAU
VERITAS

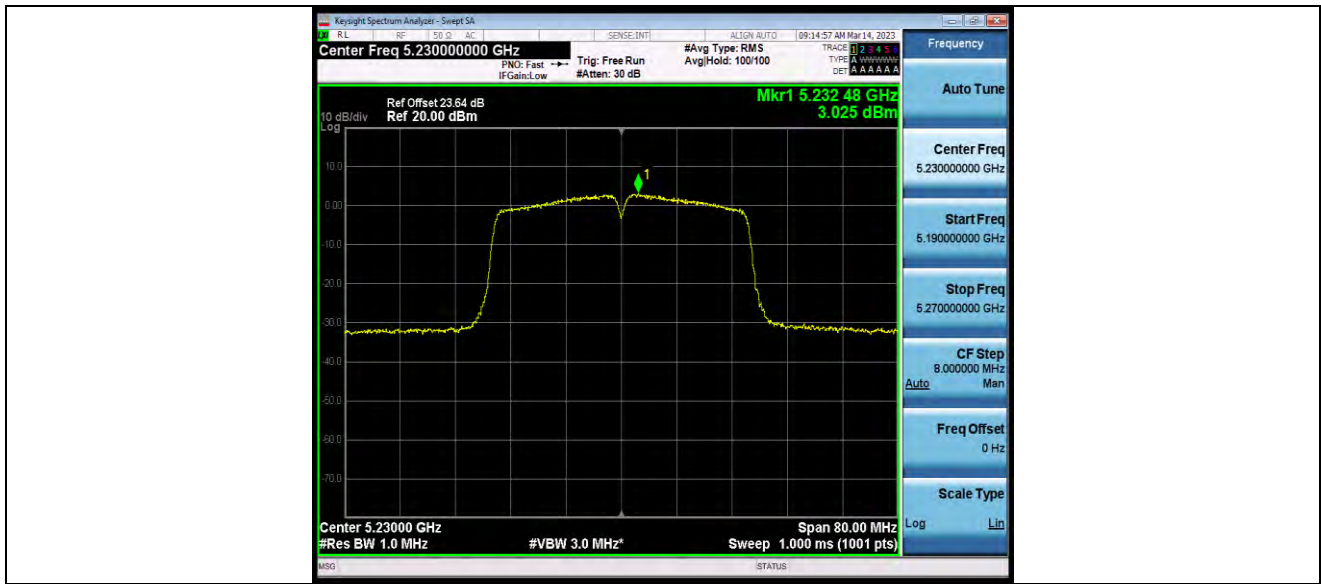
Test Report No.: W7L-P23030005RF03





BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550



BUREAU
VERITAS

Test Report No.: W7L-P23030005RF03





BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC40SISO_Ant1_5710_UNII-3

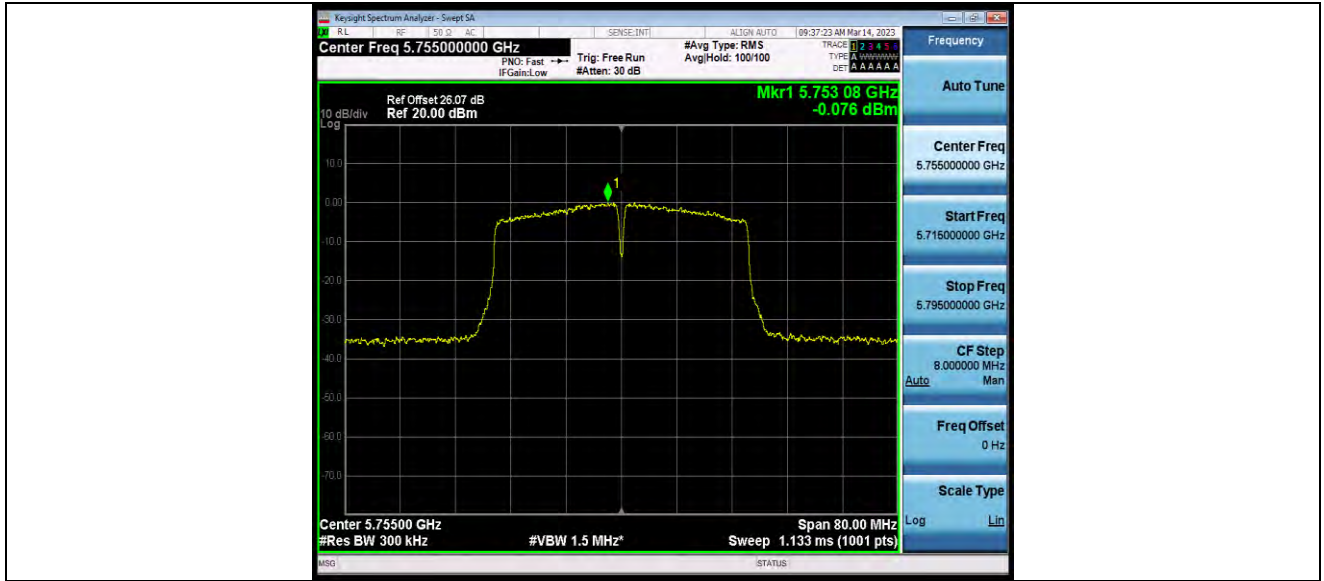


11AC40SISO_Ant1_5755

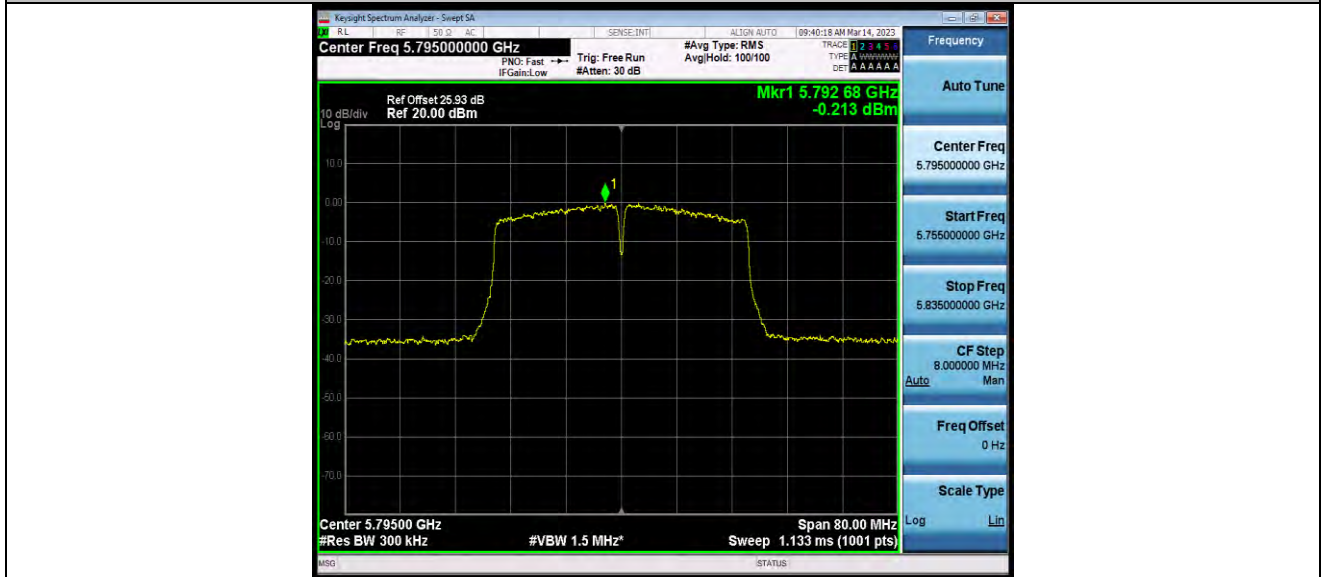


BUREAU VERITAS

Test Report No.: W7L-P23030005RF03



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



BUREAU
VERITAS

Test Report No.: W7L-P23030005RF03

