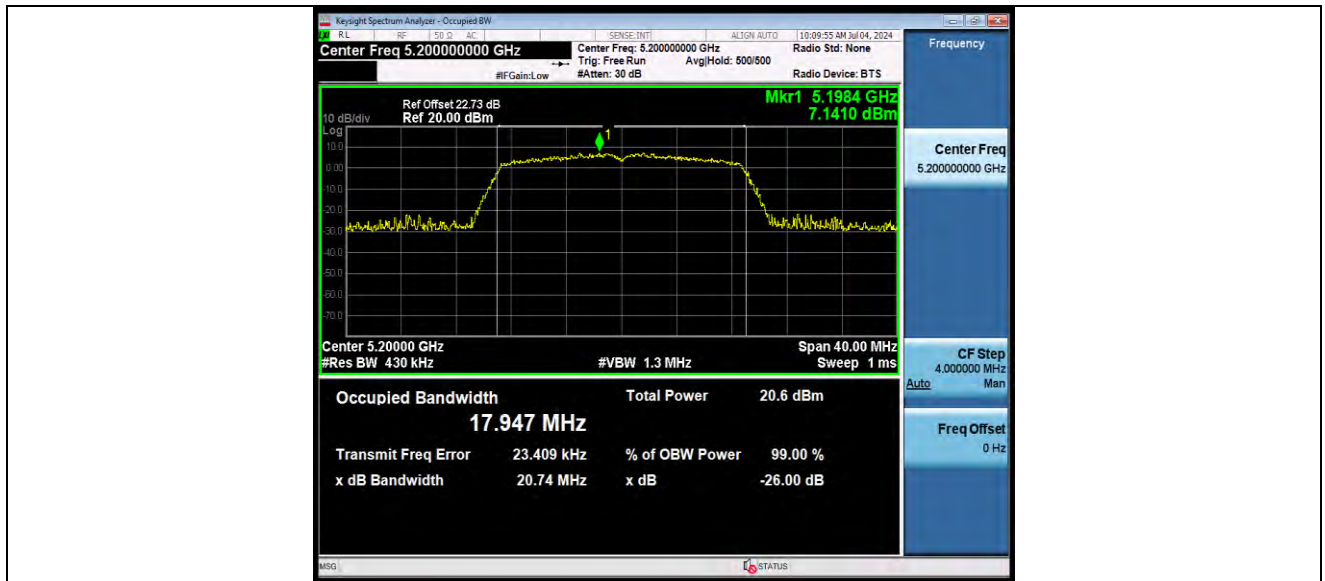


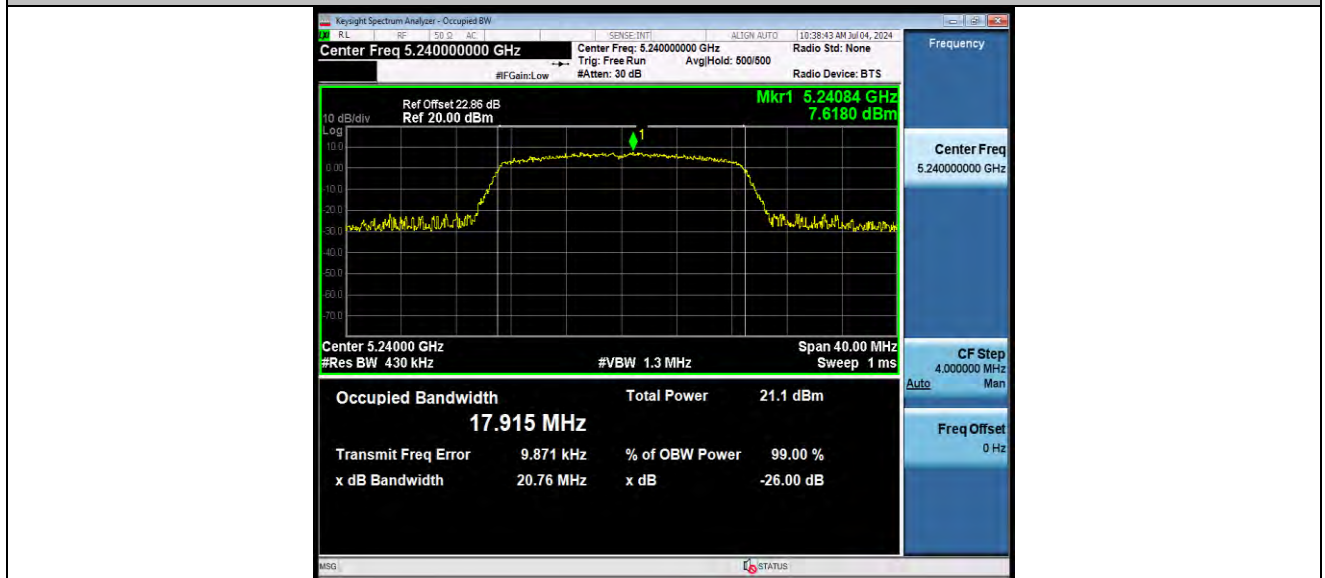


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11N20SISO_Ant1_5240

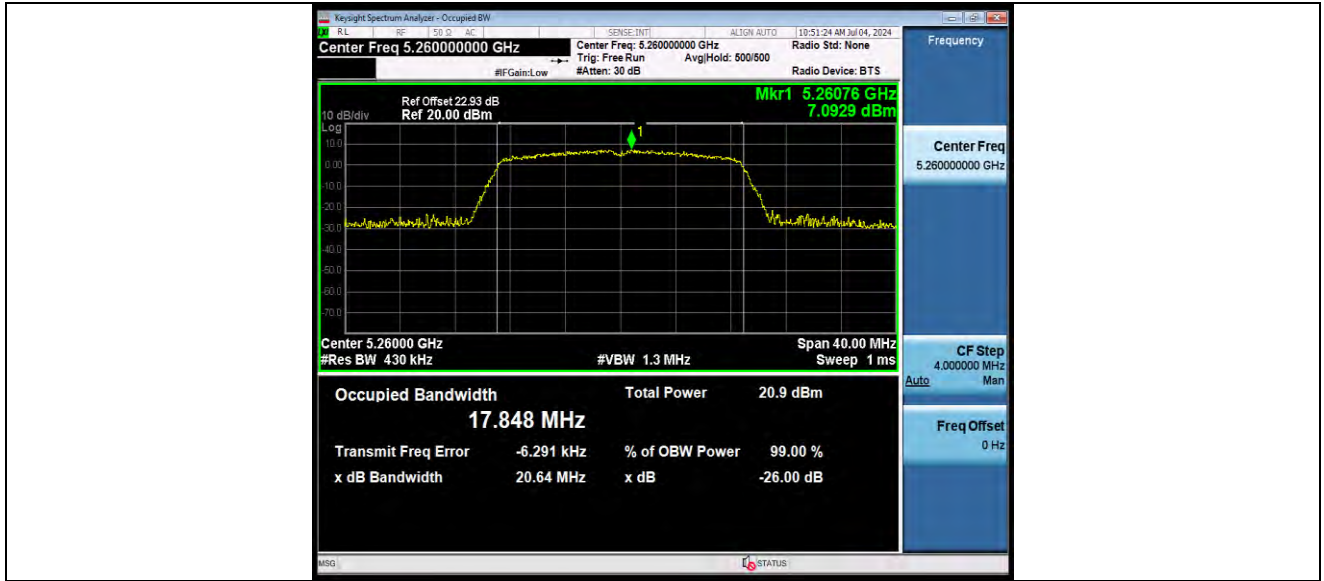


11N20SISO_Ant1_5260

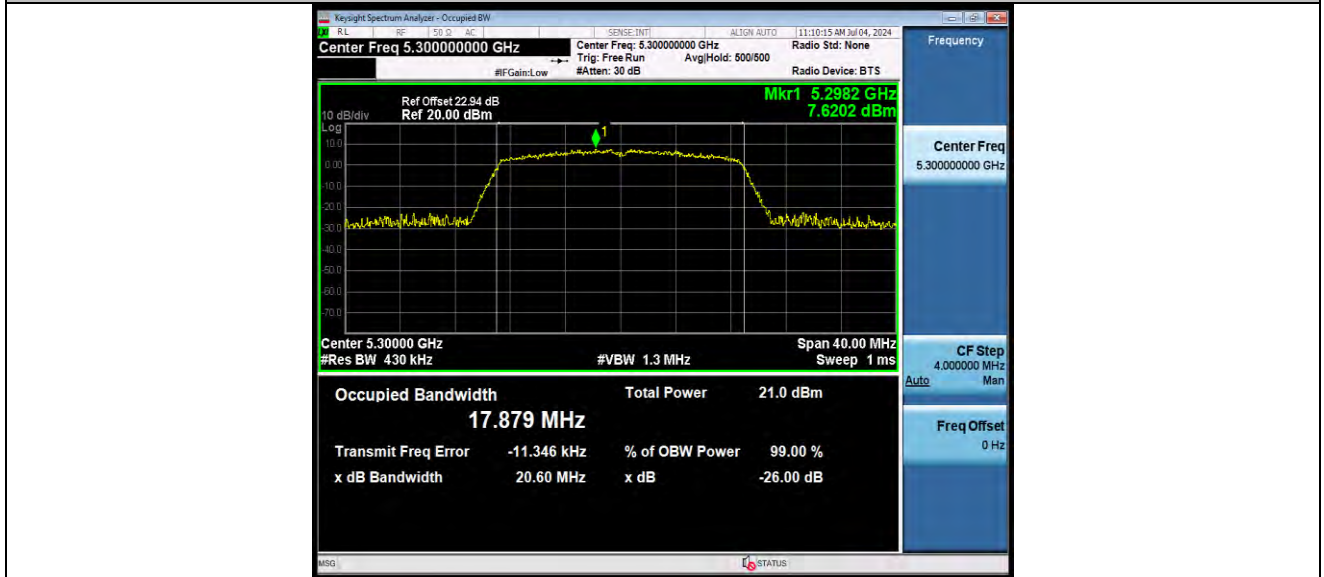


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5300

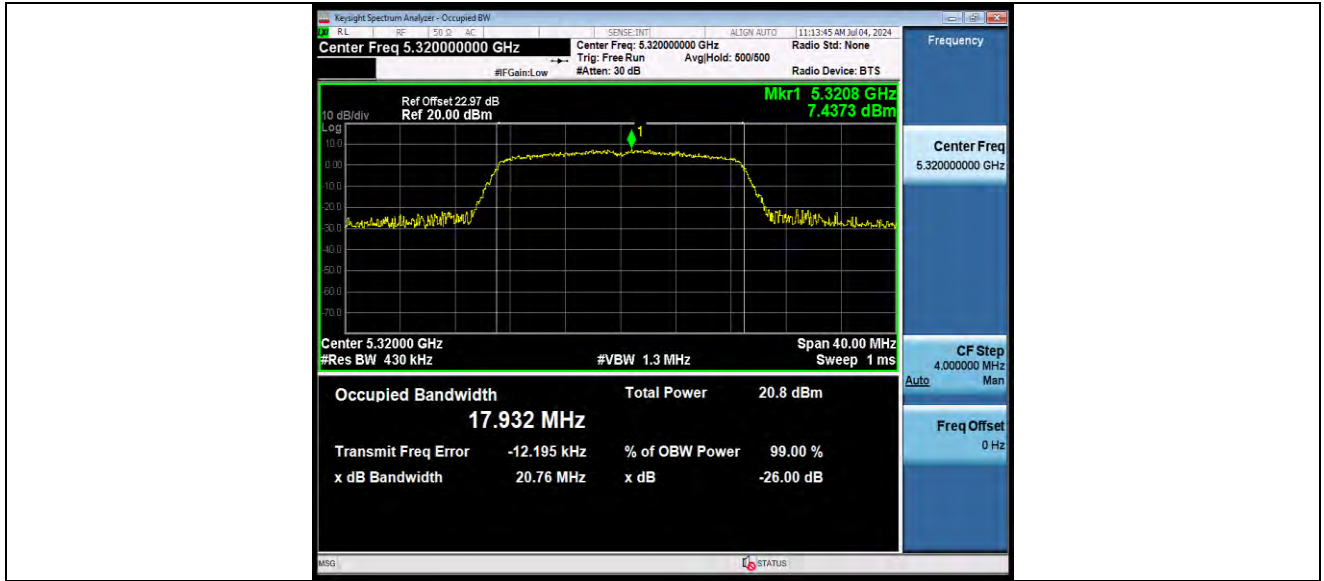


11N20SISO_Ant1_5320



BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5500

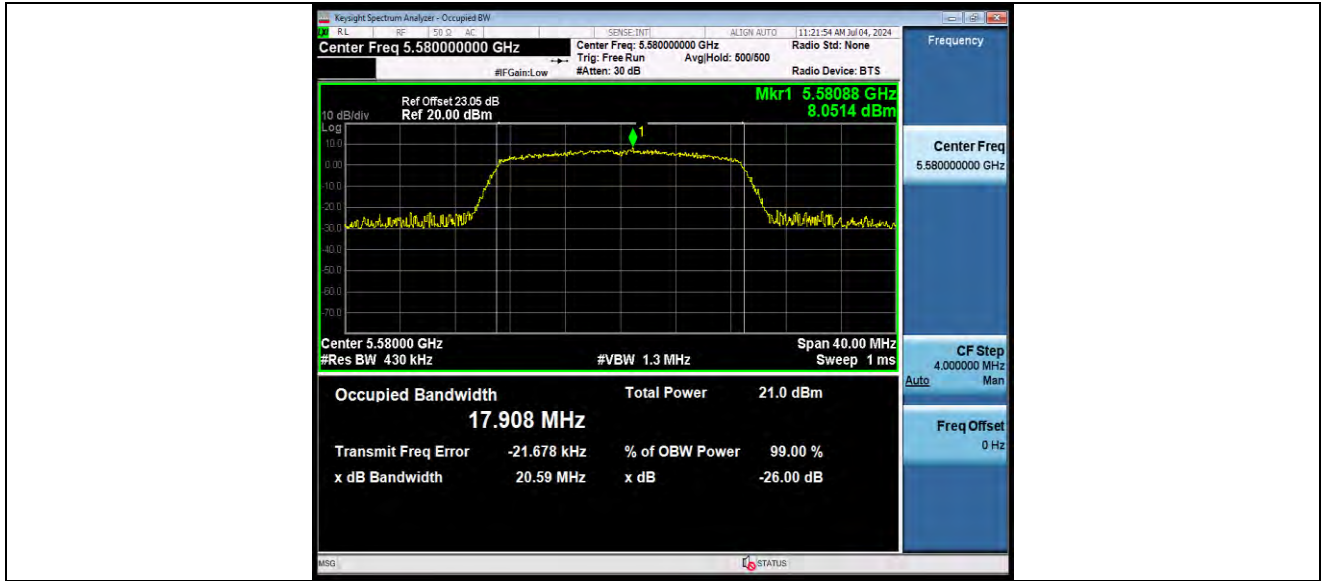


11N20SISO_Ant1_5580

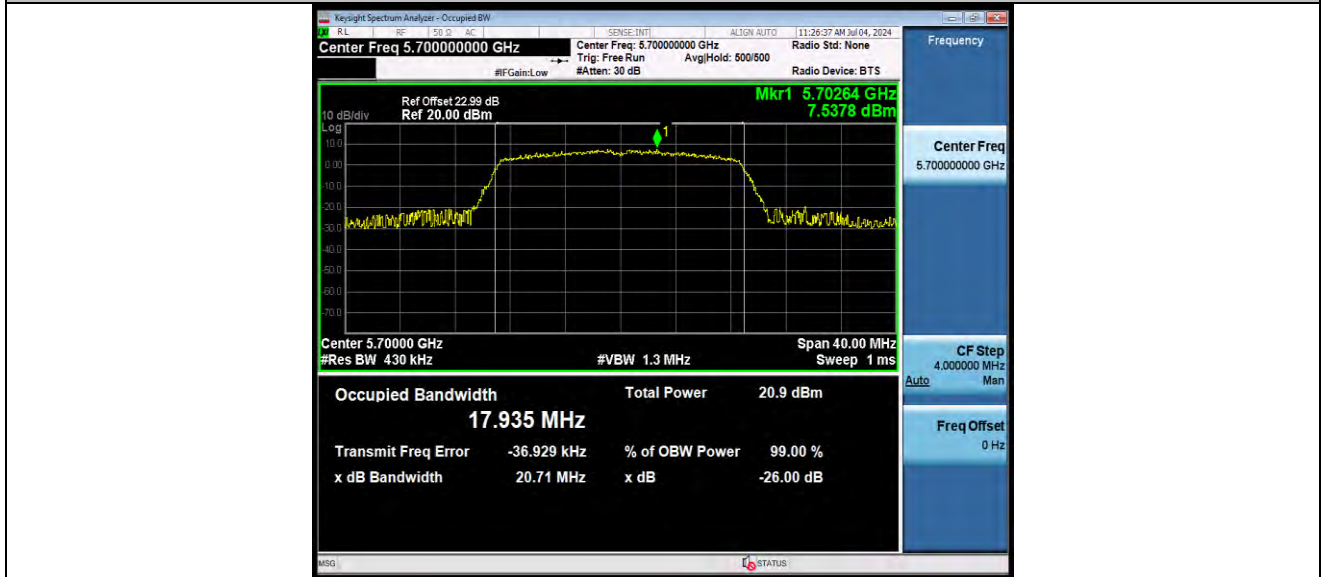


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5700

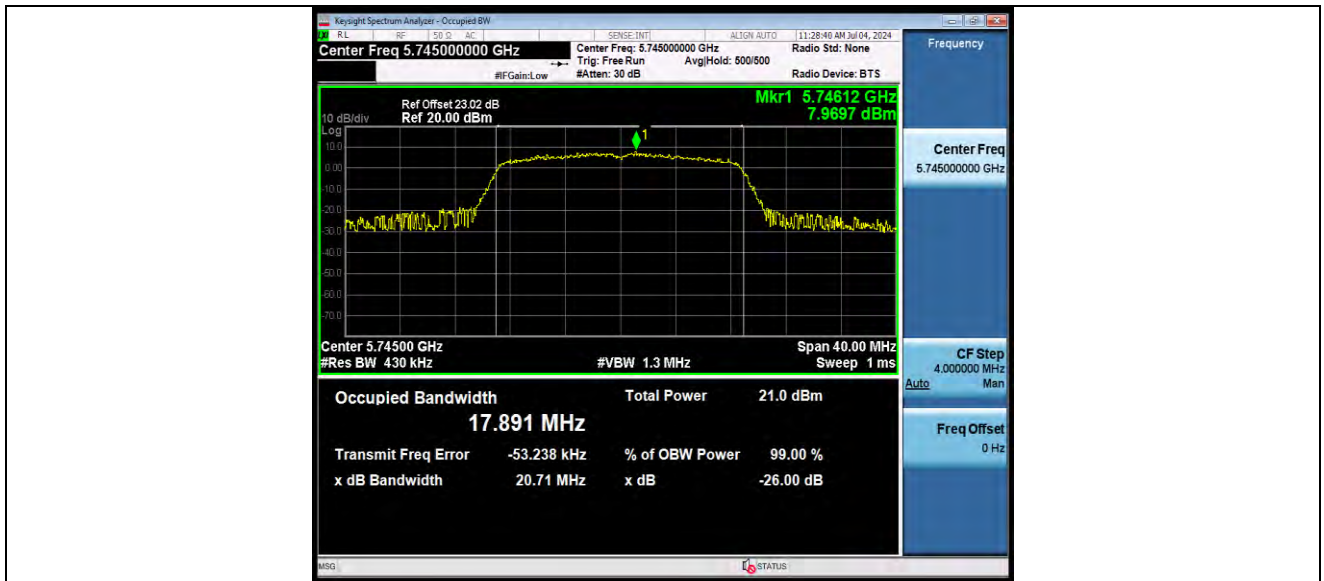


11N20SISO_Ant1_5745



BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5785

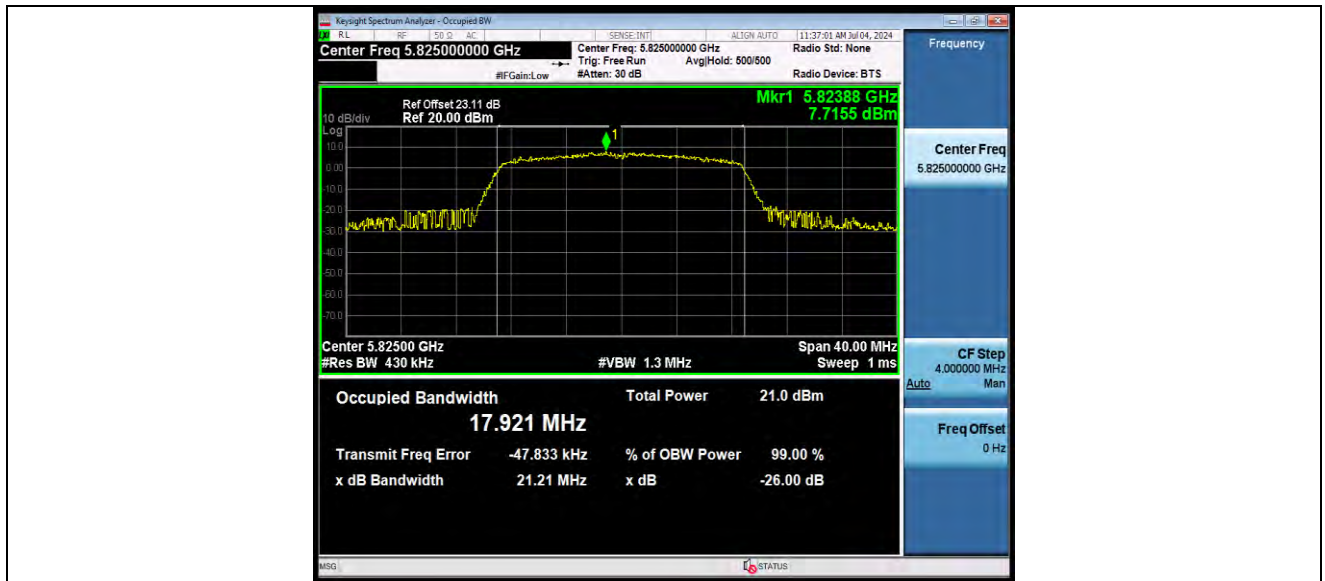


11N20SISO_Ant1_5825

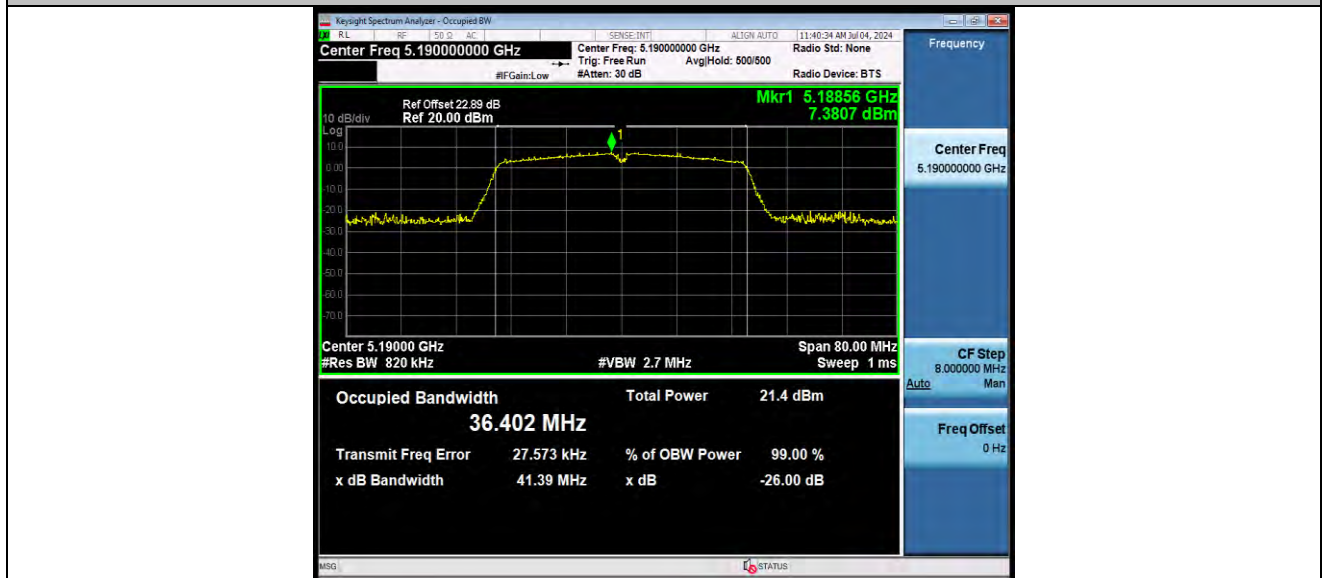


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5190

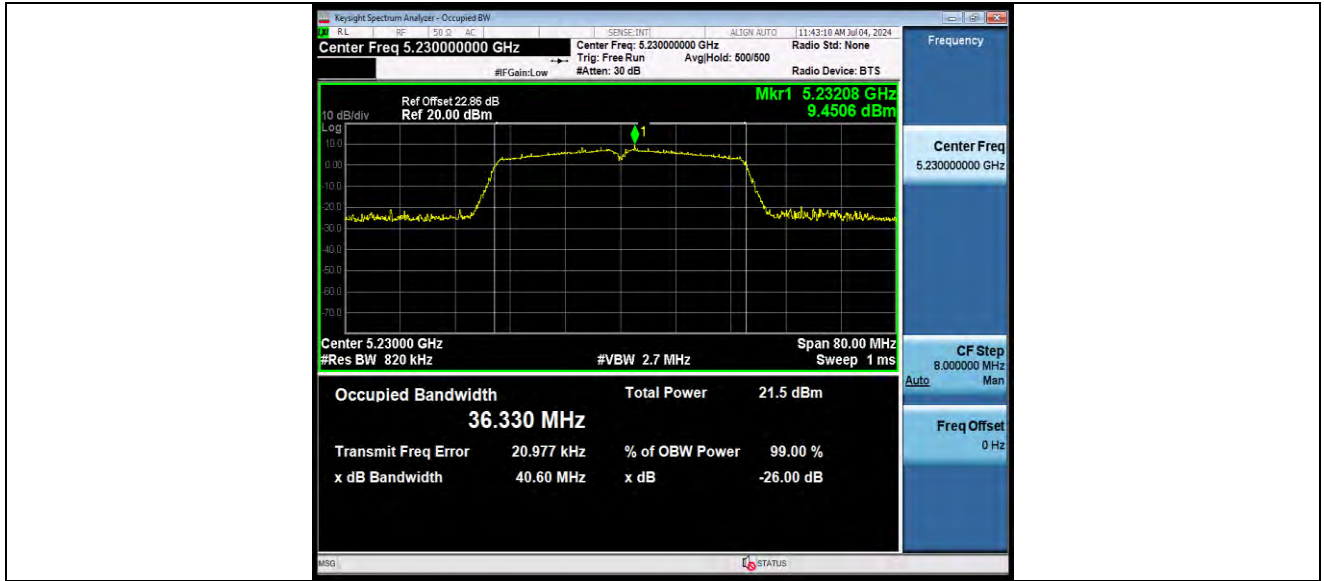


11N40SISO_Ant1_5230

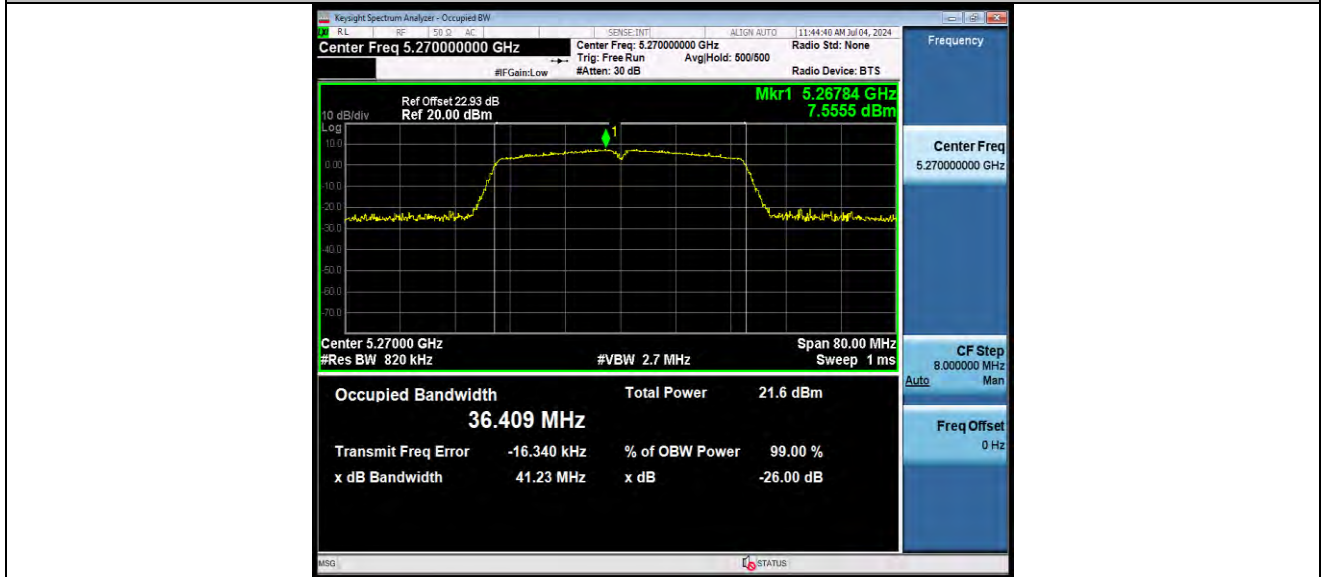


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5270

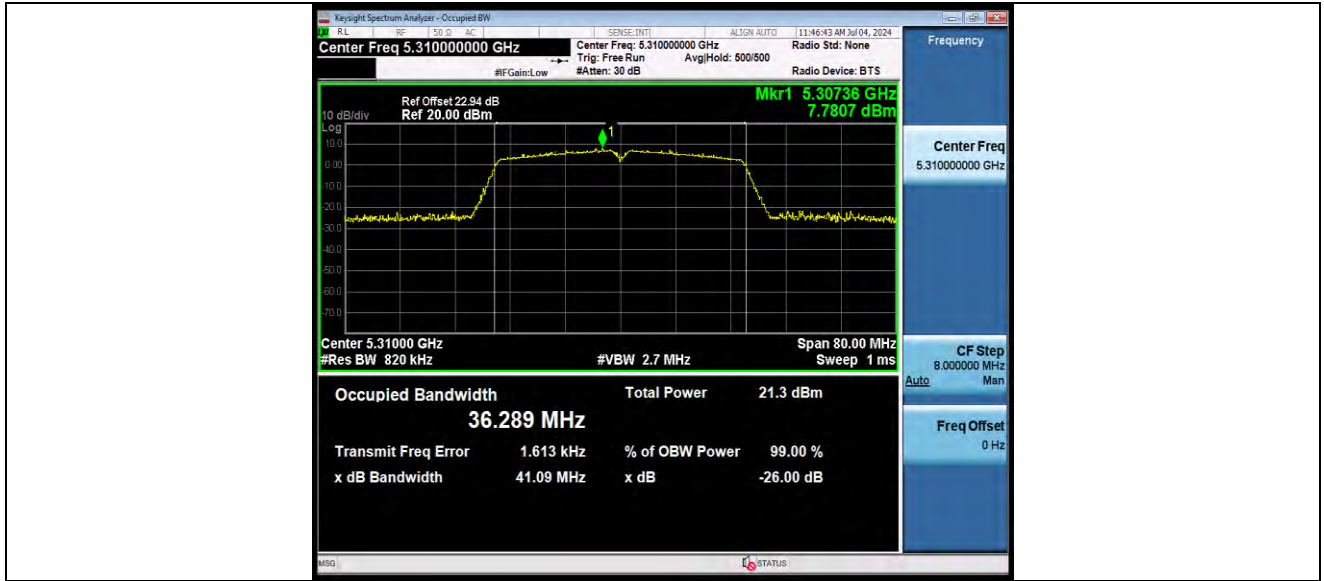


11N40SISO_Ant1_5310

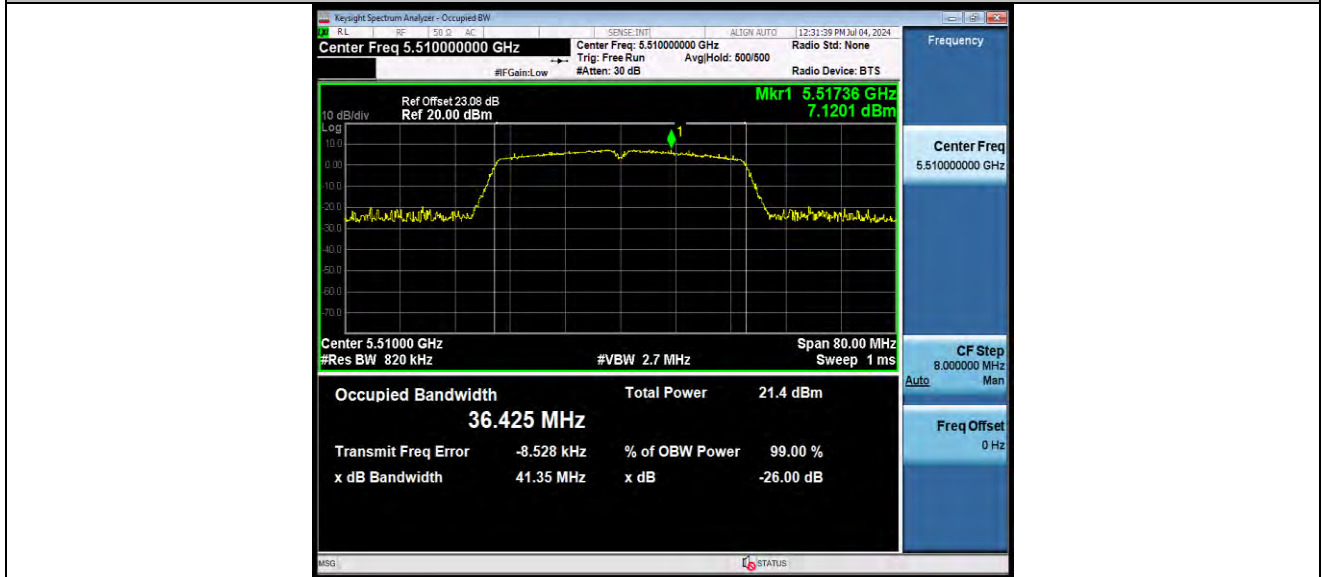


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5510

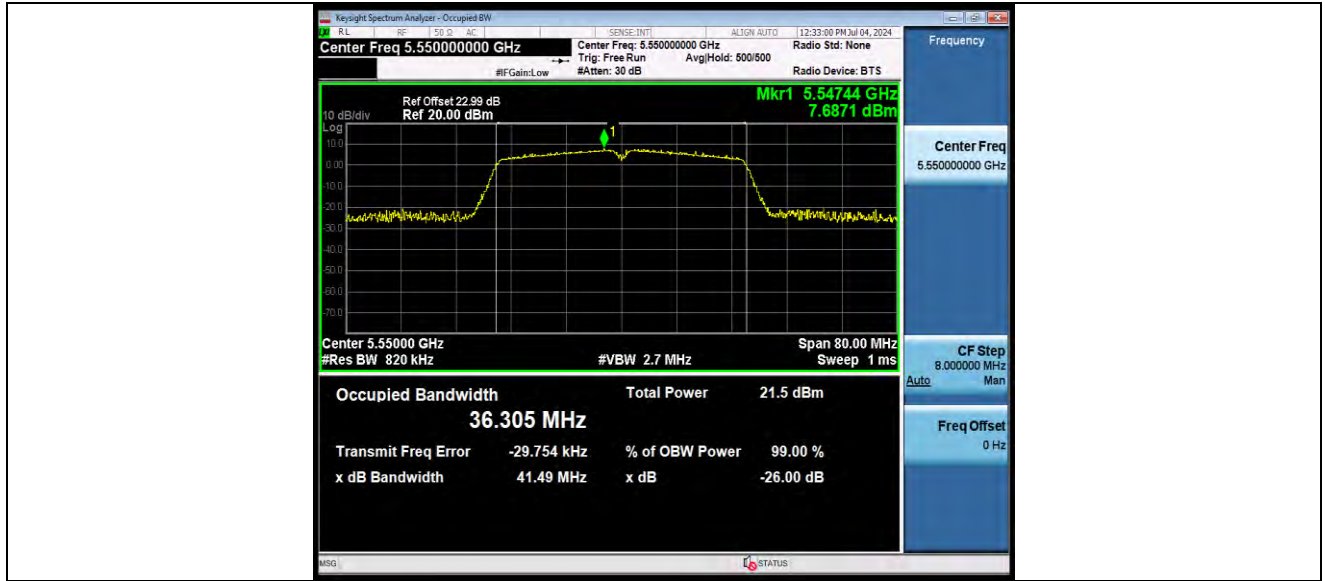


11N40SISO_Ant1_5550

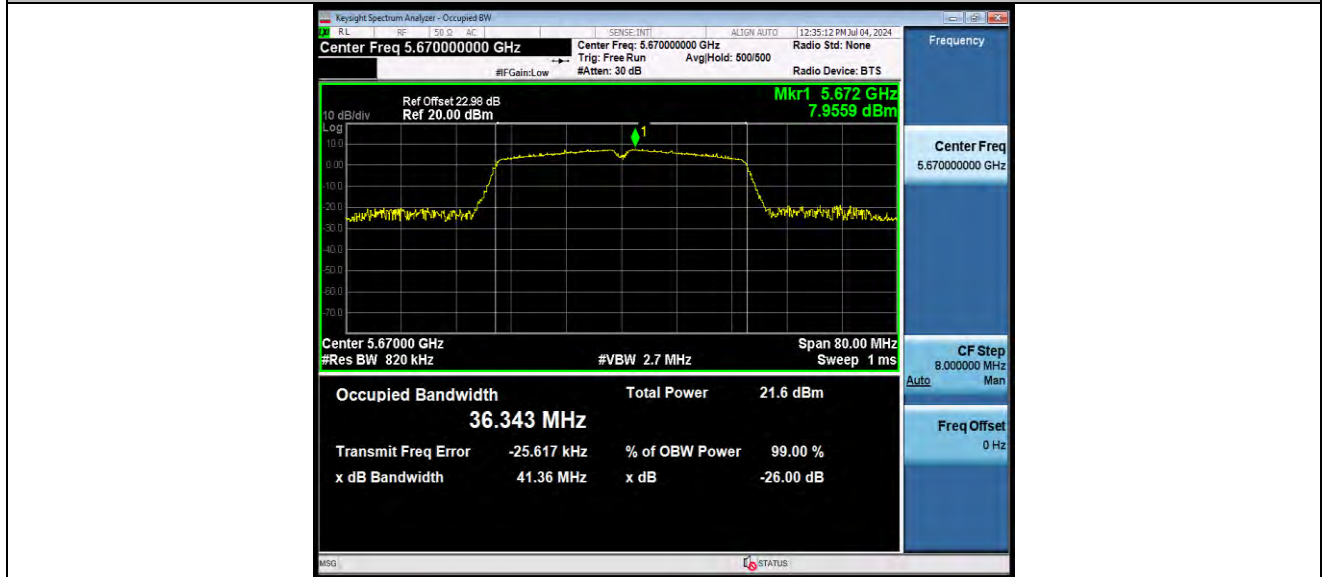


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5670

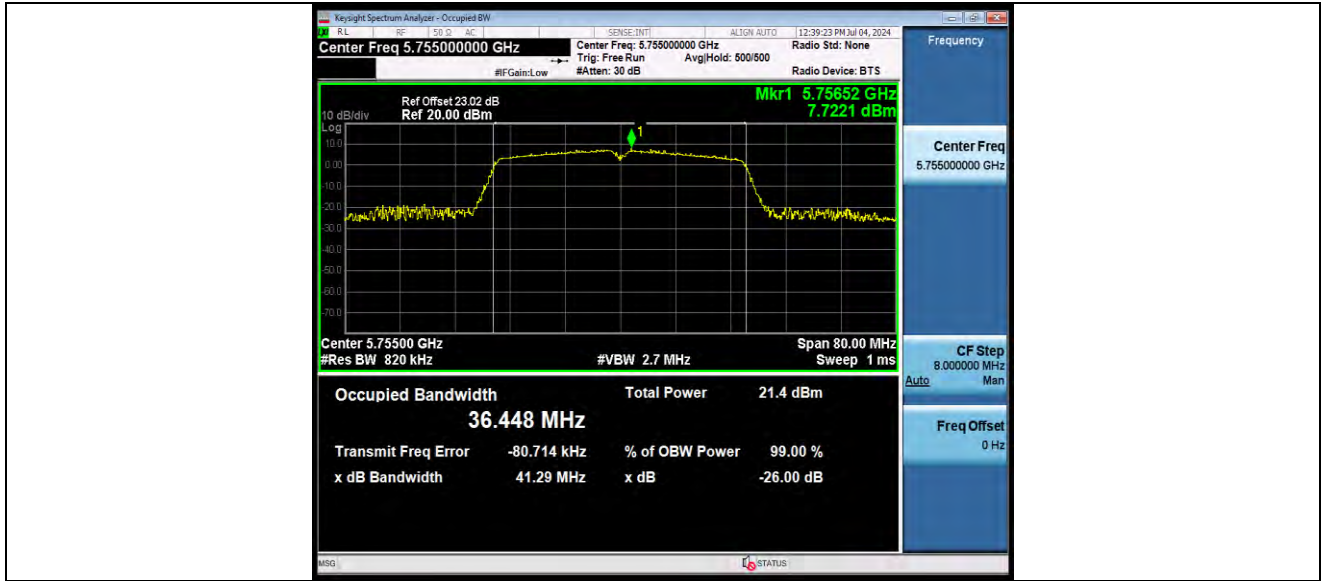


11N40SISO_Ant1_5755

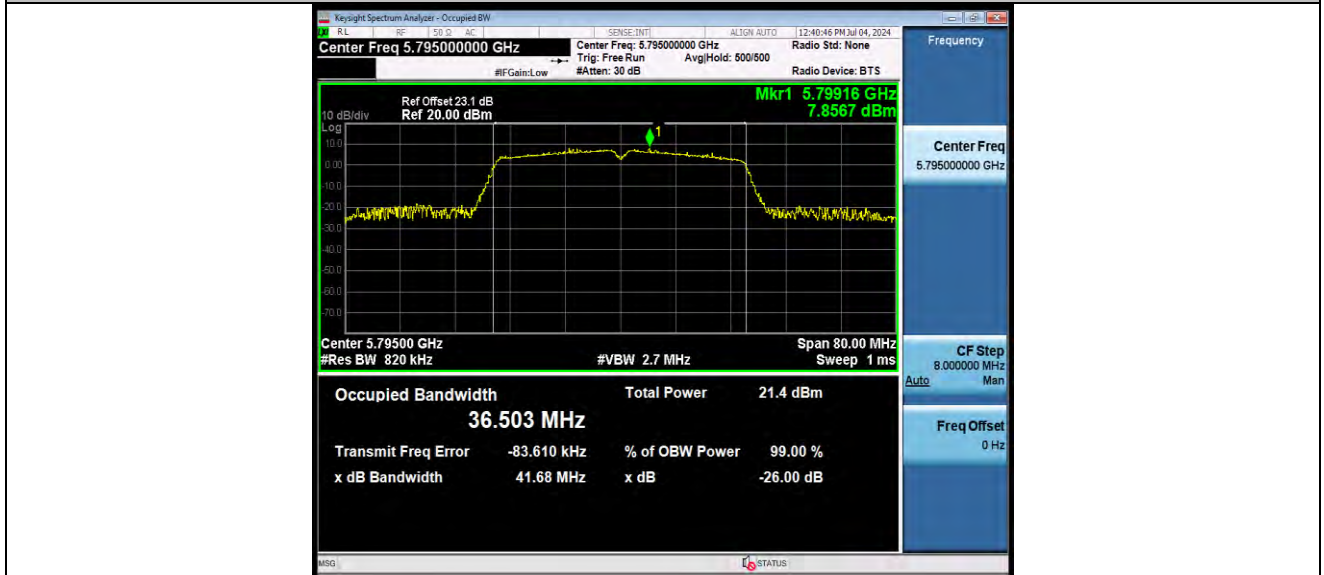


BUREAU
VERITAS

Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5795

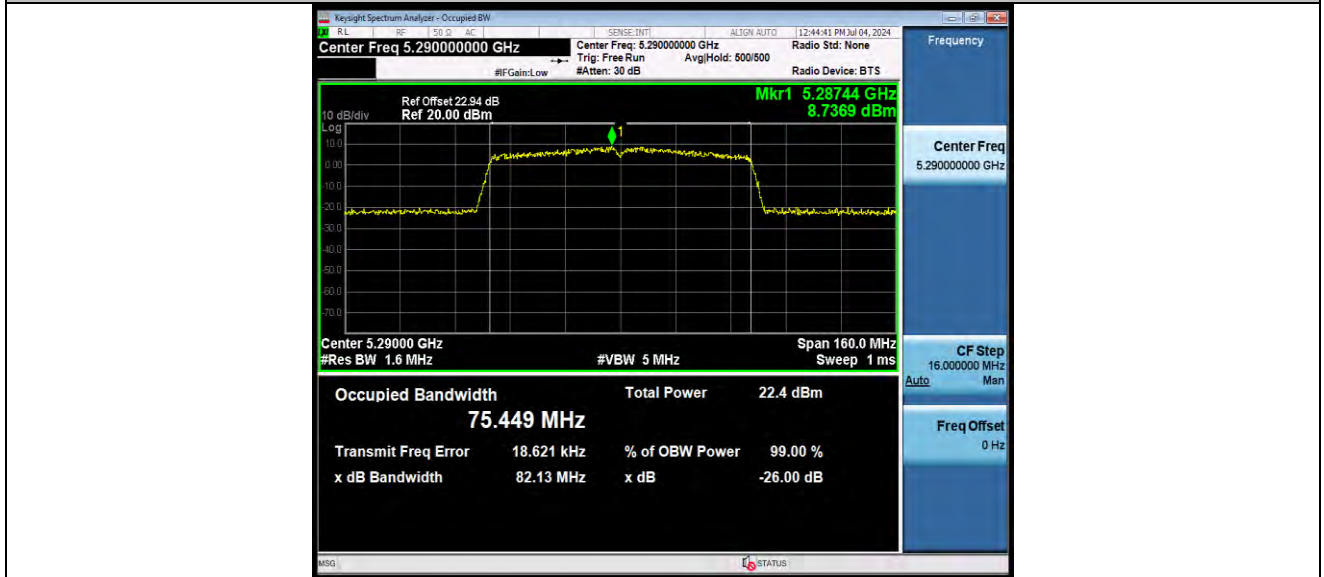
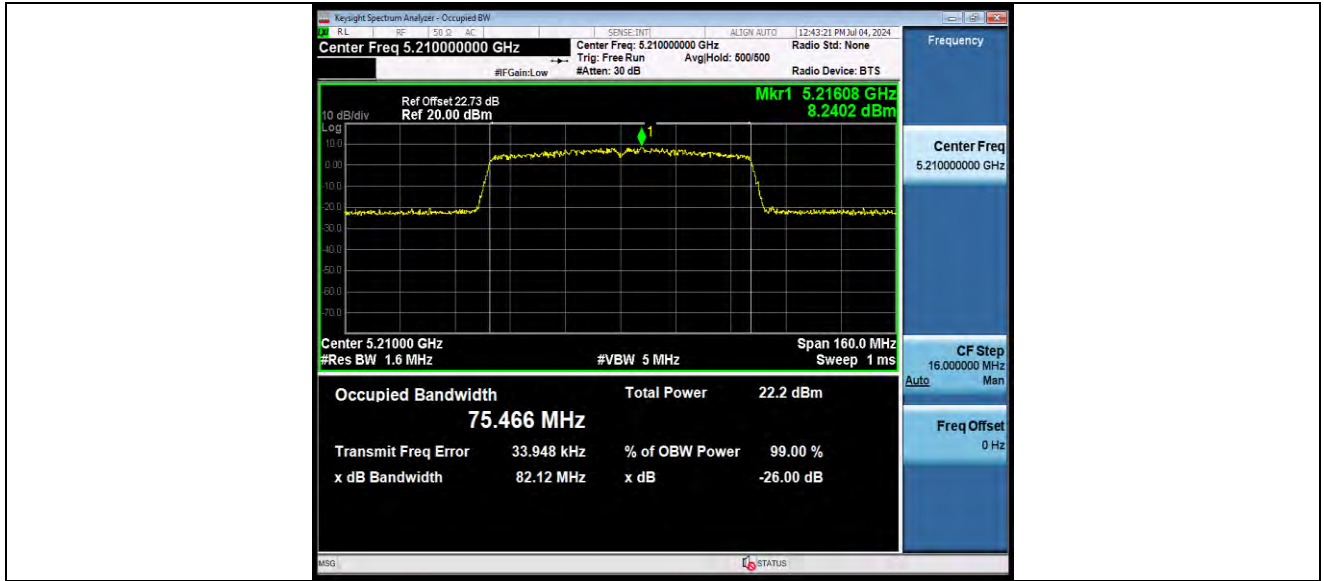


11AC80SISO_Ant1_5210



BUREAU VERITAS

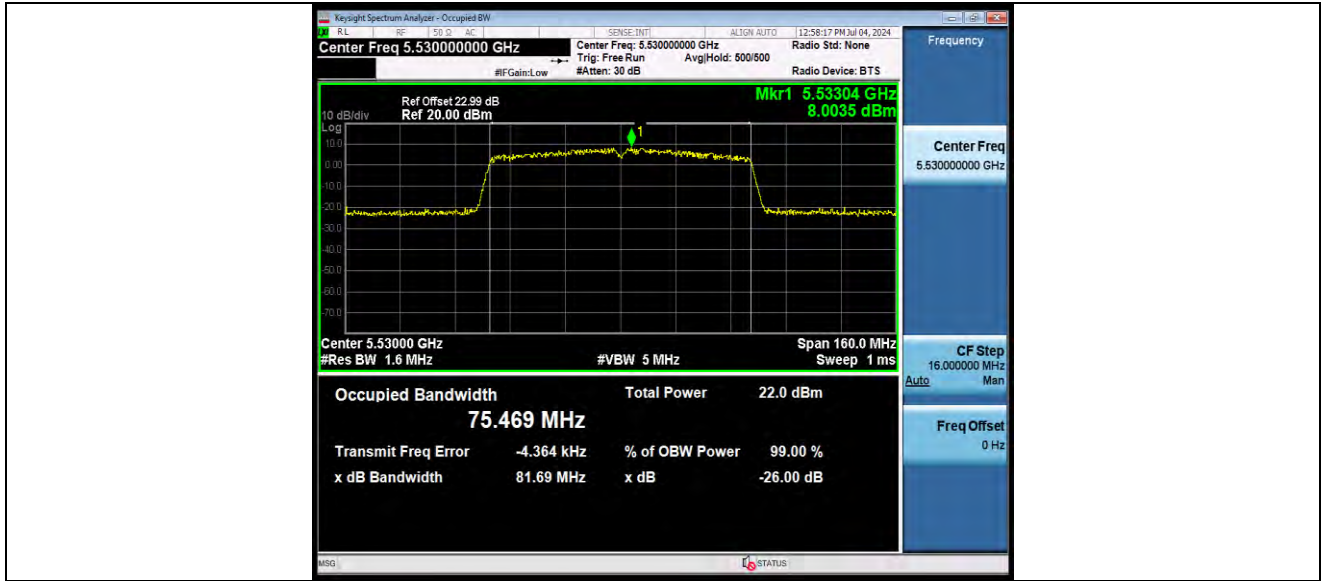
Test Report No.: W7L-P24050016RF03



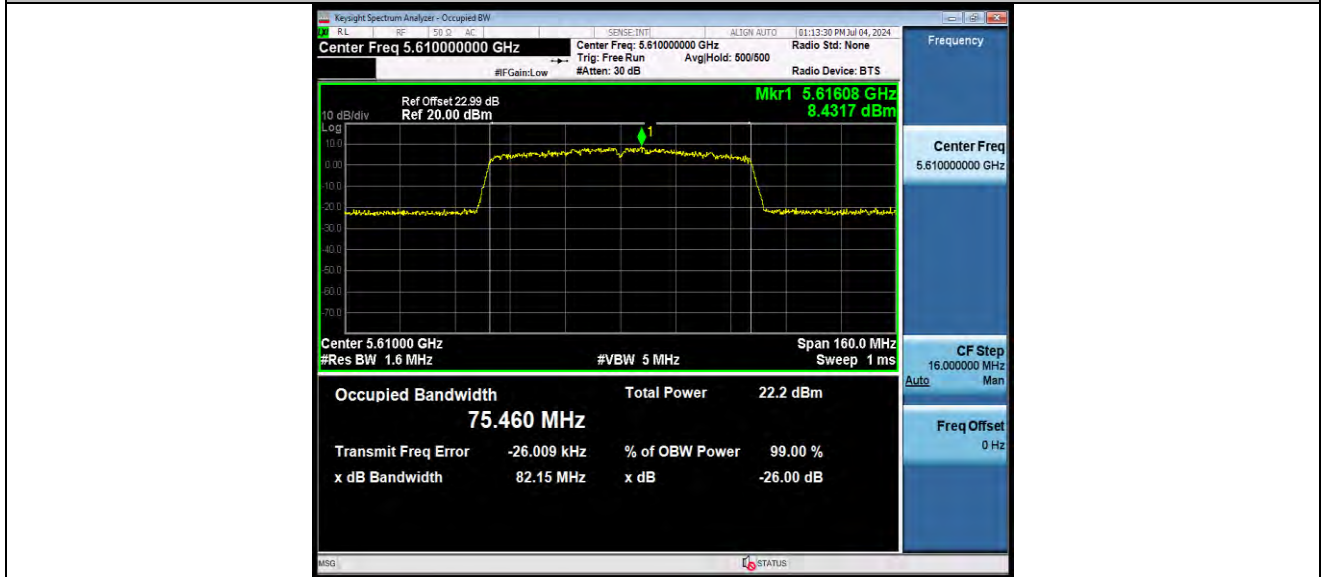


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11AC80SISO_Ant1_5610

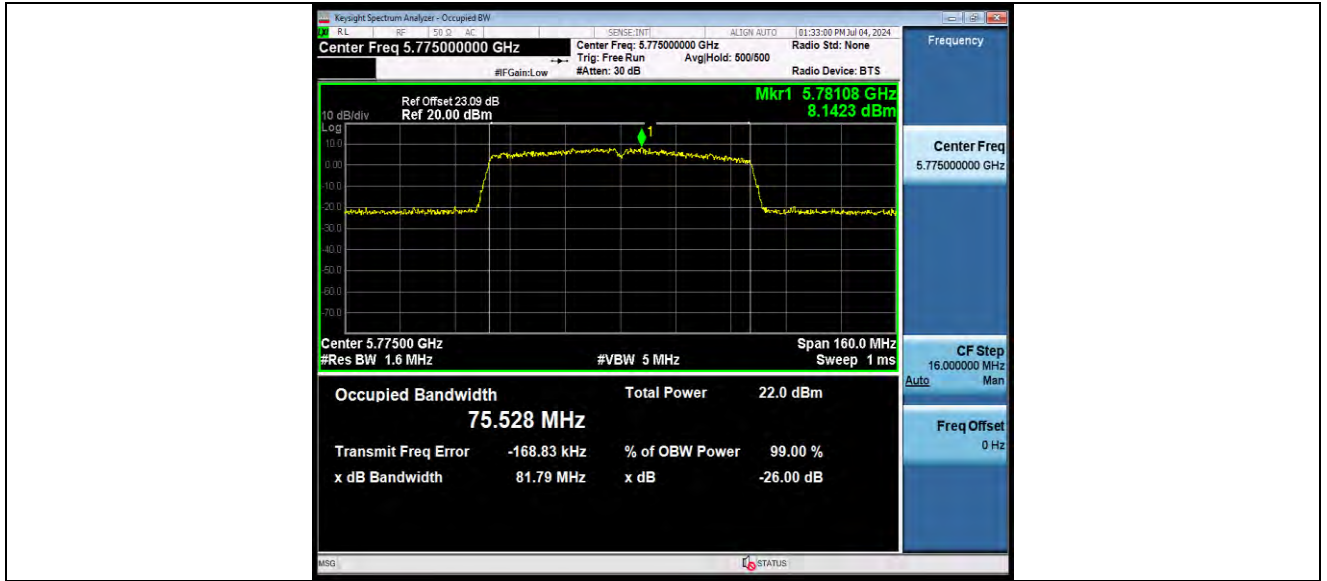


11AC80SISO_Ant1_5775



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Test Report No.: W7L-P24050016RF03





MIN EMISSION BANDWIDTH

TEST RESULT B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.120	5737.440	5752.560	0.5	PASS
		5785	15.600	5777.080	5792.680	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11N20SISO	Ant1	5745	14.160	5738.320	5752.480	0.5	PASS
		5785	14.640	5777.440	5792.080	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11N40SISO	Ant1	5755	33.840	5738.680	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS

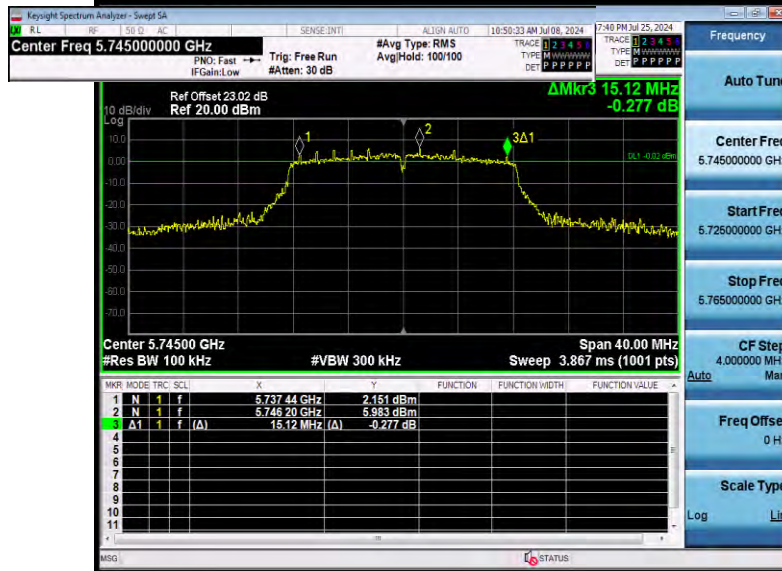


BUREAU VERITAS

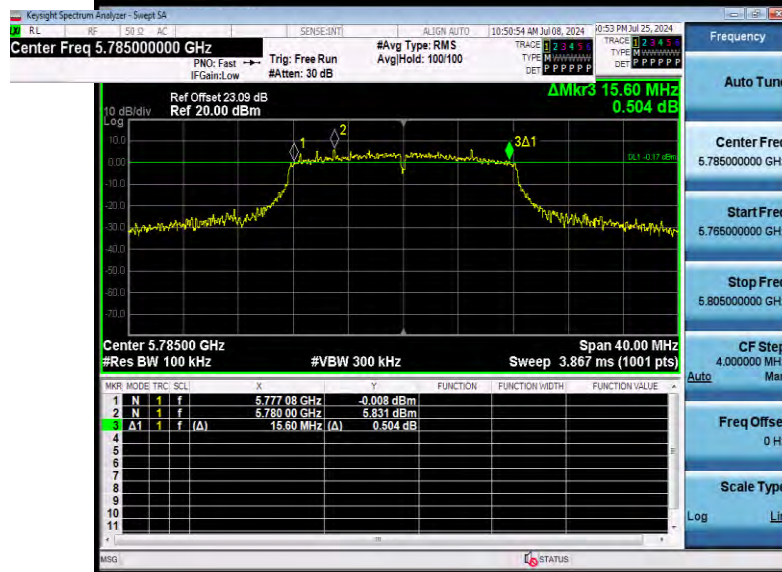
Test Report No.: W7L-P24050016RF03

TEST GRAPHS B4

11A_Ant1_5745



11A_Ant1_5785

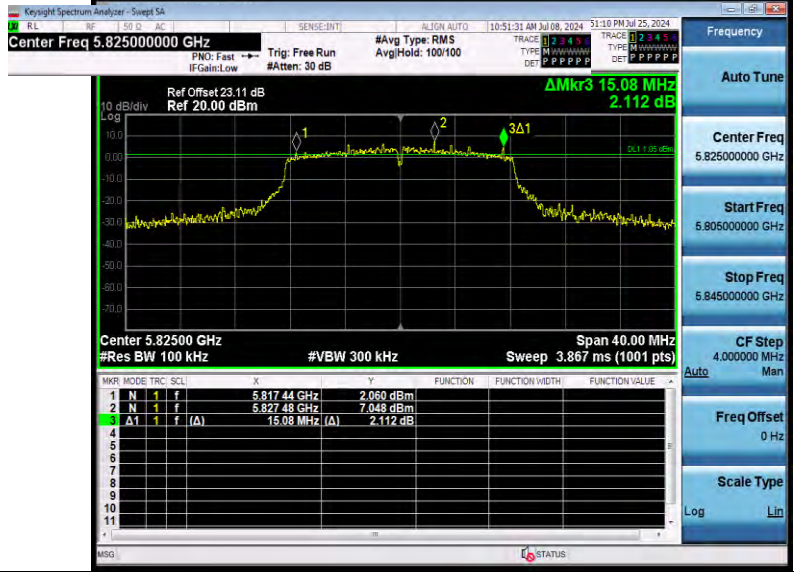


11A_Ant1_5825



BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5745

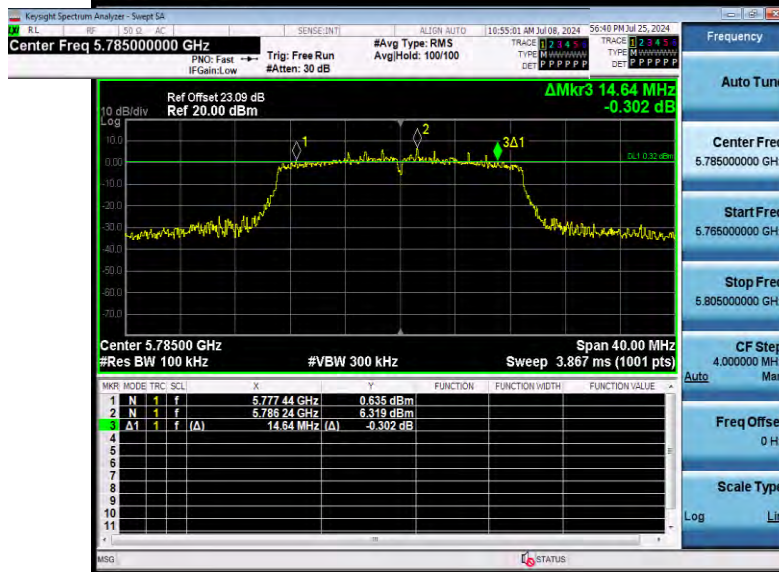


11N20SISO_Ant1_5785

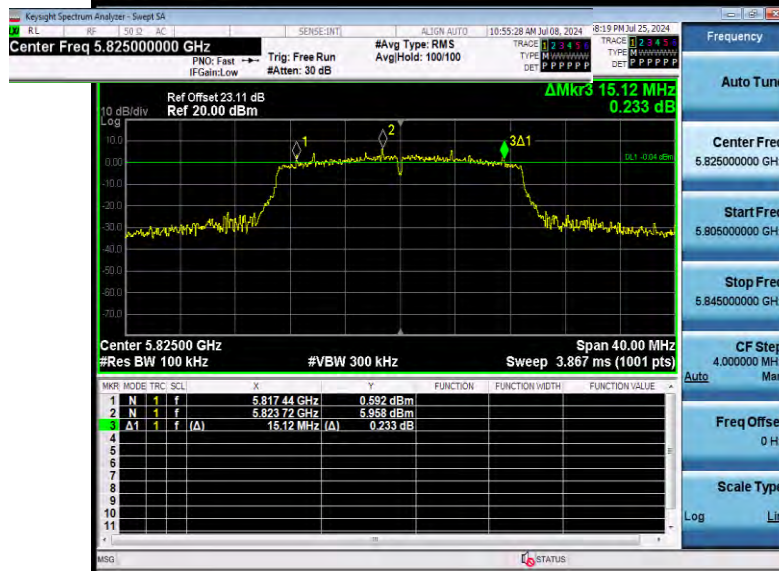


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5825

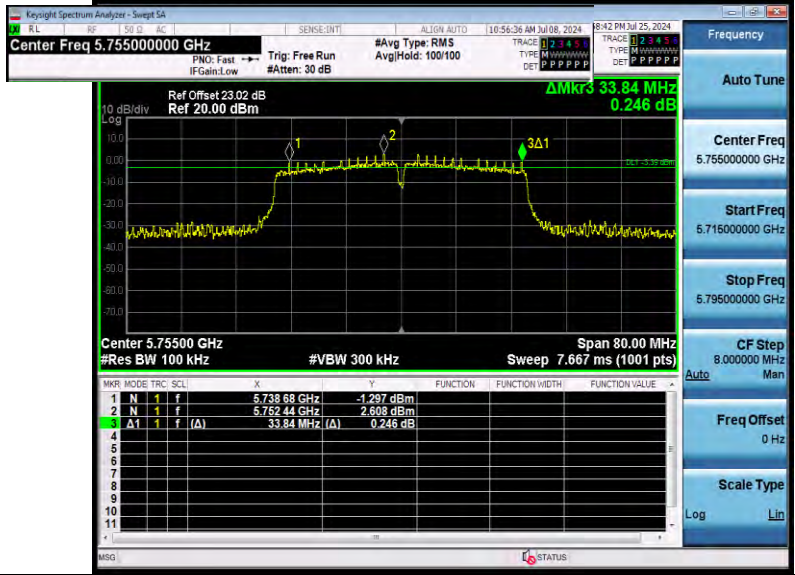


11N40SISO_Ant1_5755

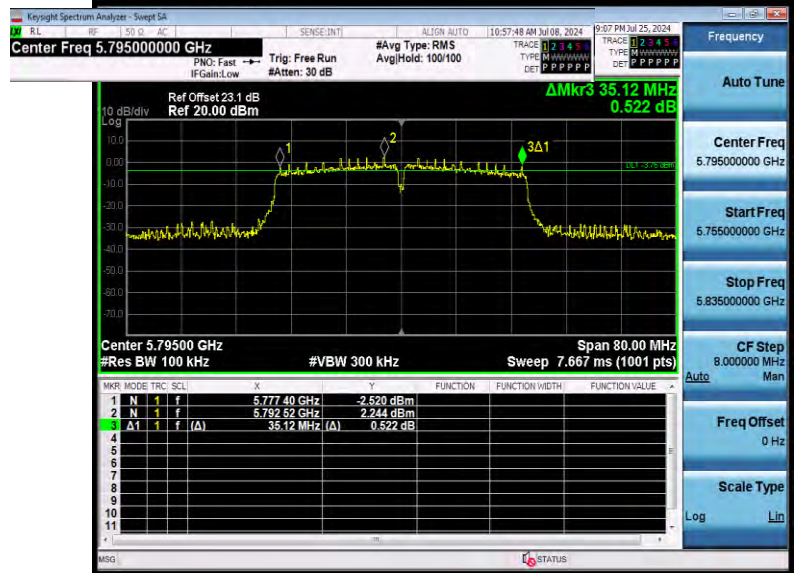


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5795

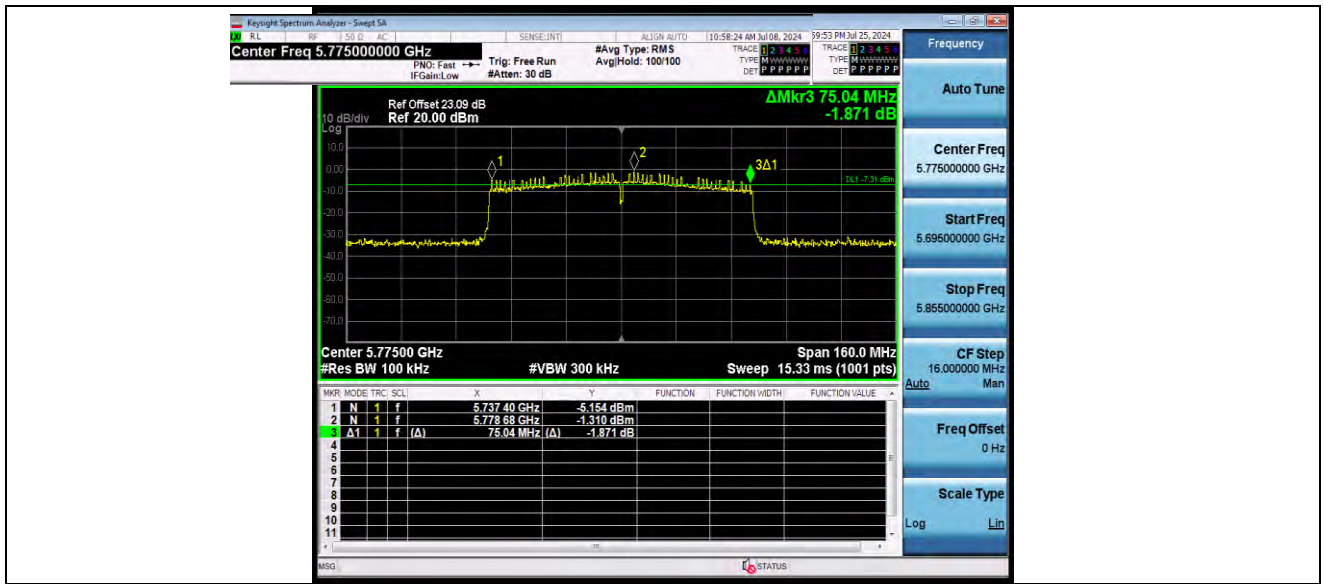


11AC80SISO_Ant1_5775



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DUTY CYCLE TEST RESULT

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.44	96.53
		5200	1.39	1.44	96.53
		5240	1.39	1.44	96.53
		5260	1.39	1.43	97.20
		5280	1.39	1.44	96.53
		5300	1.40	1.44	97.22
		5320	1.39	1.44	96.53
		5500	1.39	1.43	97.20
		5580	1.39	1.44	96.53
		5700	1.39	1.43	97.20
		5745	1.39	1.44	96.53
		5785	1.39	1.43	97.20
		5825	1.39	1.43	97.20
11N20SISO	Ant1	5180	1.30	1.34	97.01
		5200	1.30	1.35	96.30
		5240	1.30	1.35	96.30
		5260	1.30	1.34	97.01
		5300	1.30	1.35	96.30
		5320	1.30	1.34	97.01
		5500	1.30	1.34	97.01
		5580	1.30	1.34	97.01
		5700	1.30	1.34	97.01
		5745	1.30	1.34	97.01
		5785	1.30	1.34	97.01
		5825	1.30	1.35	96.30
11N40SISO	Ant1	5190	0.65	0.69	94.20
		5230	0.65	0.69	94.20
		5270	0.65	0.69	94.20
		5310	0.65	0.69	94.20
		5510	0.65	0.69	94.20



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		5550	0.65	0.69	94.20
		5670	0.65	0.70	92.86
		5755	0.65	0.69	94.20
		5795	0.65	0.69	94.20
11AC80SISO	Ant1	5210	0.33	0.37	89.19
		5290	0.32	0.37	86.49
		5530	0.32	0.37	86.49
		5610	0.32	0.36	88.89
		5775	0.32	0.36	88.89



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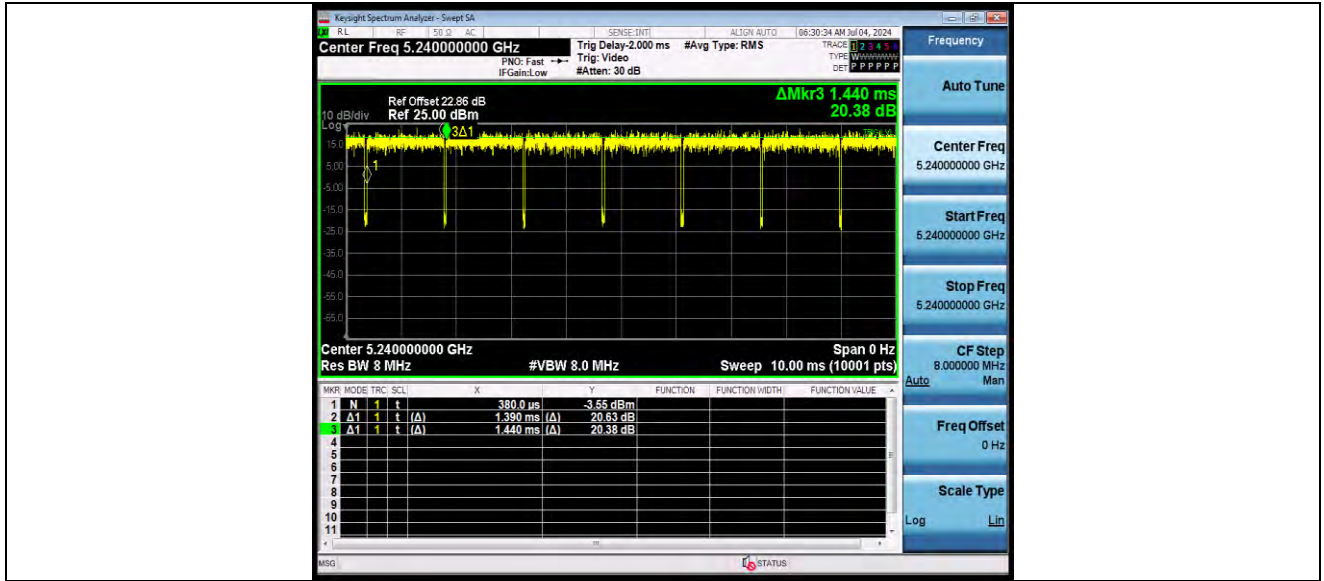
TEST GRAPHS



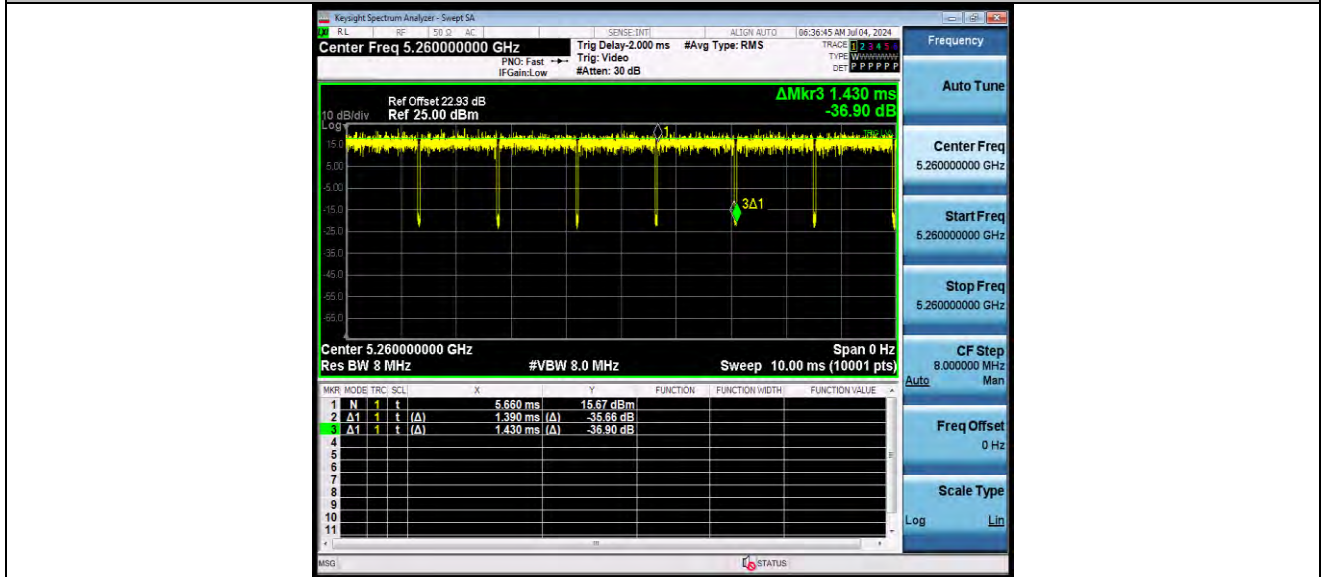


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Test Report No.: W7L-P24050016RF03



11A_Ant1_5260

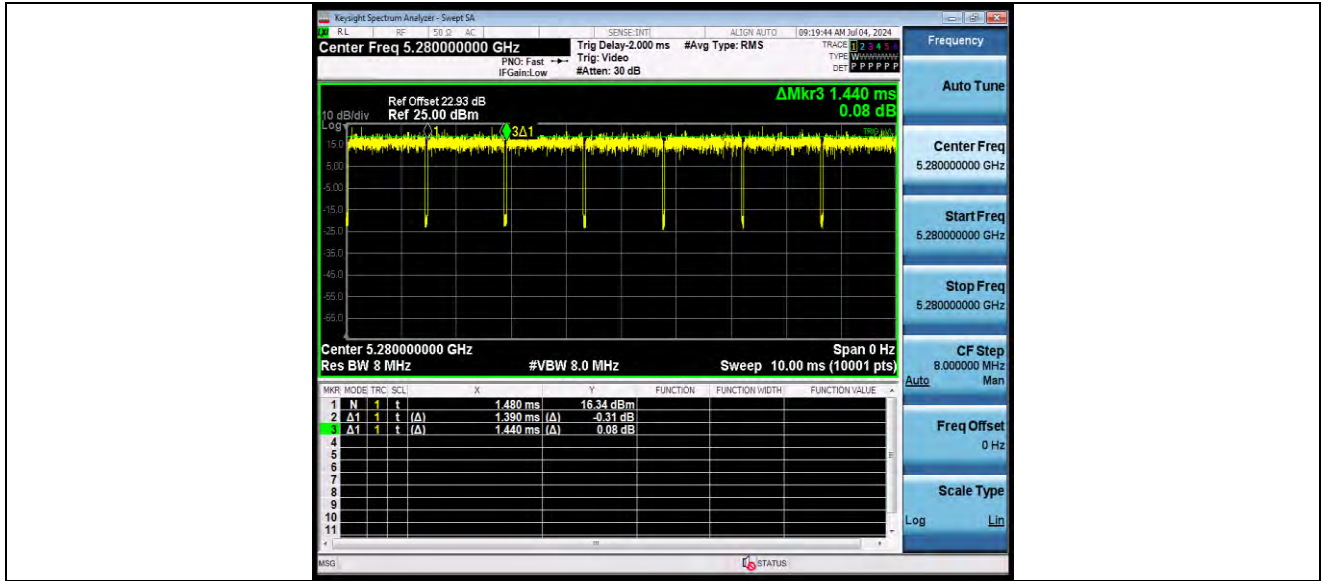


11A_Ant1_5280

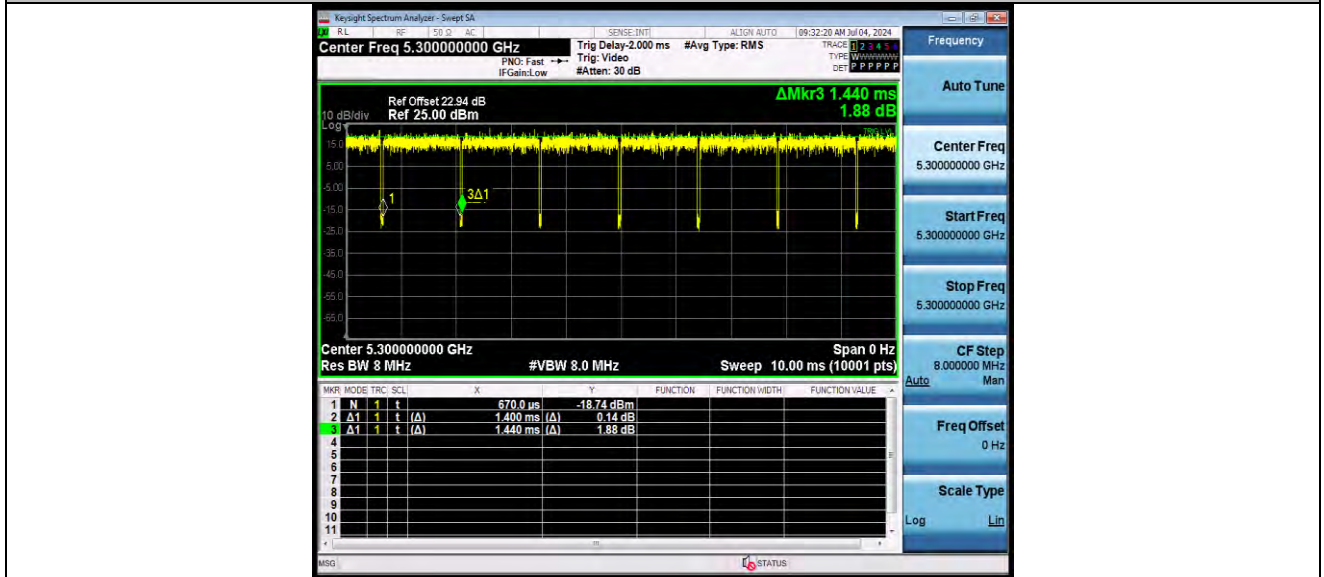


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Test Report No.: W7L-P24050016RF03



11A_Ant1_5300

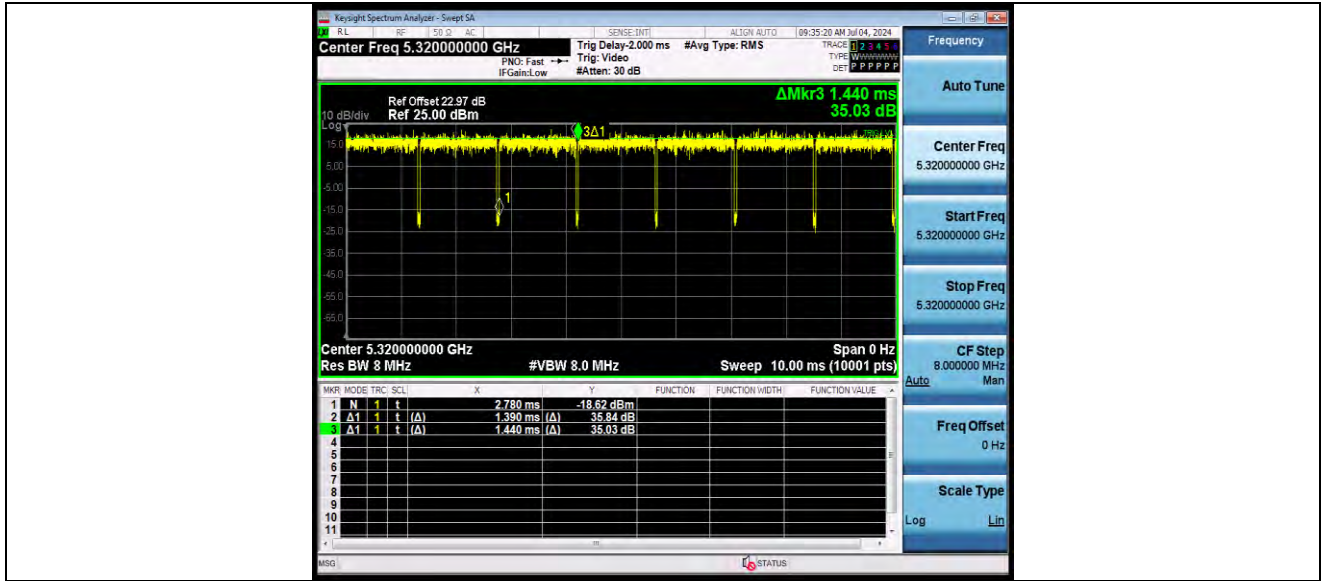


11A_Ant1_5320

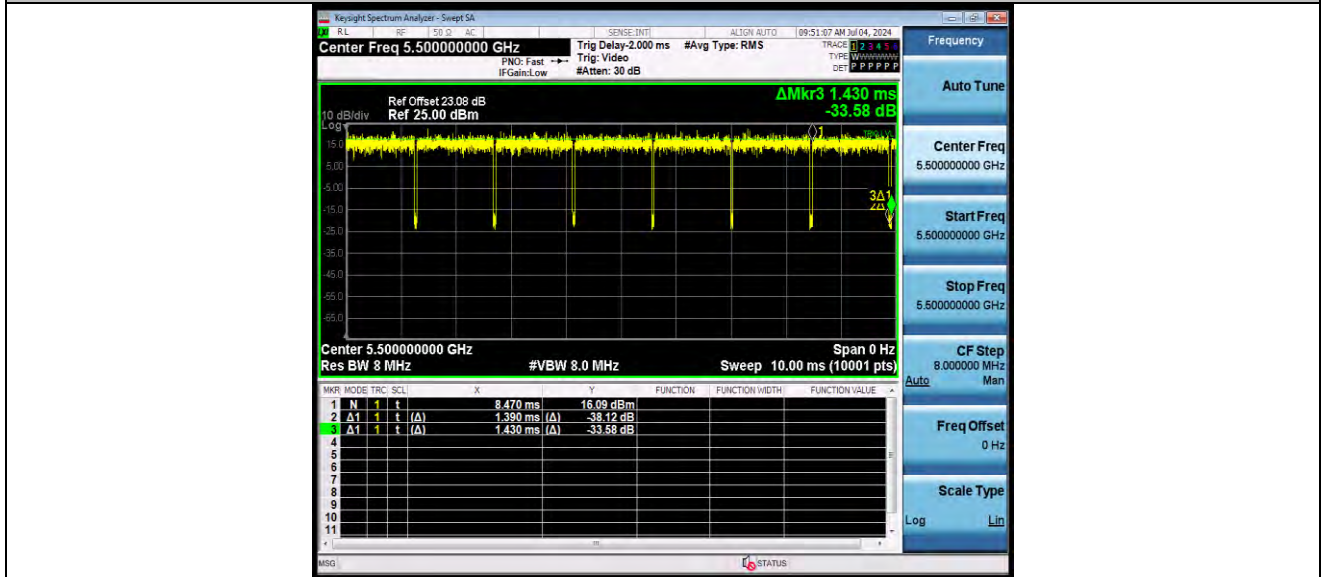


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Test Report No.: W7L-P24050016RF03



11A_Ant1_5500

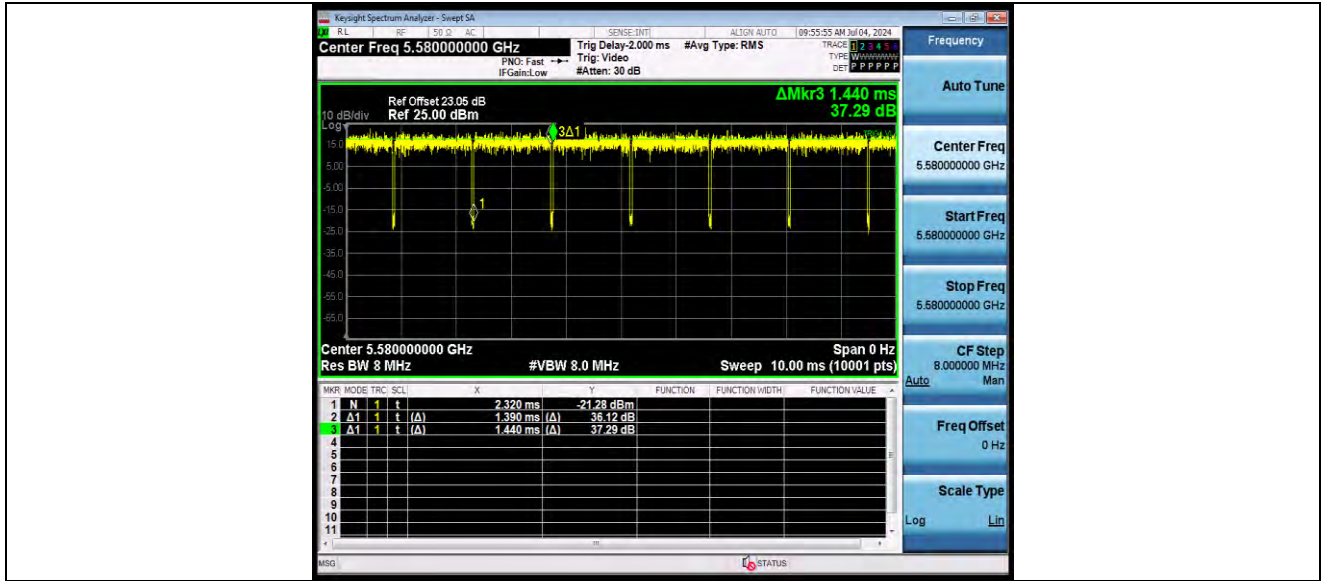


11A_Ant1_5580

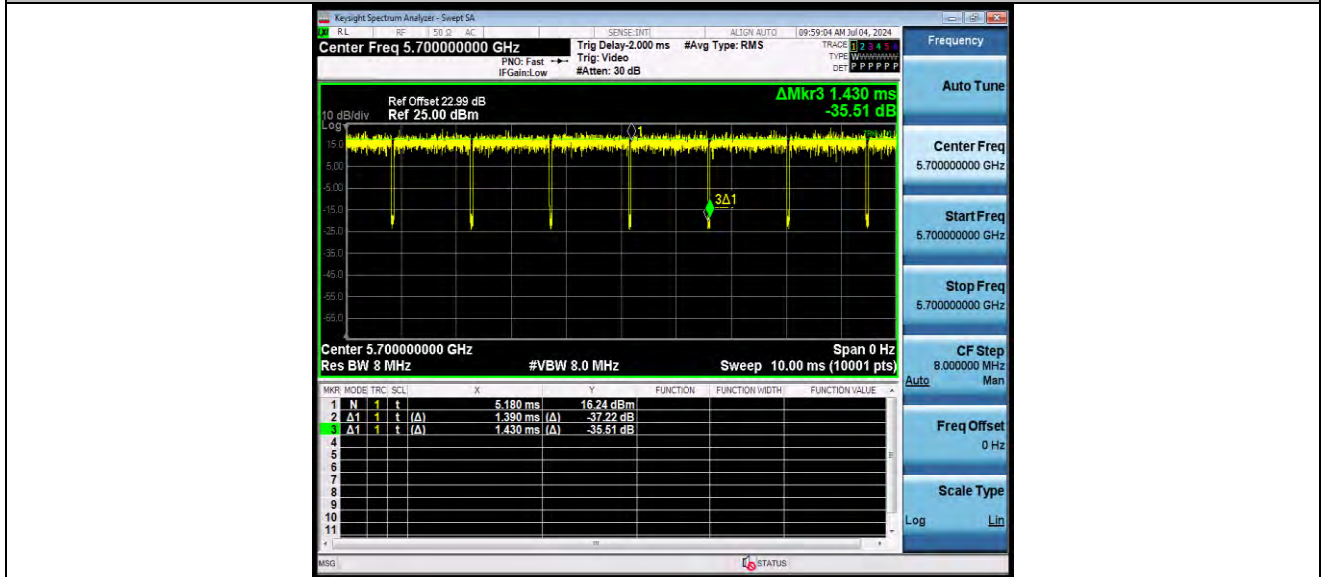


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Test Report No.: W7L-P24050016RF03



11A_Ant1_5700

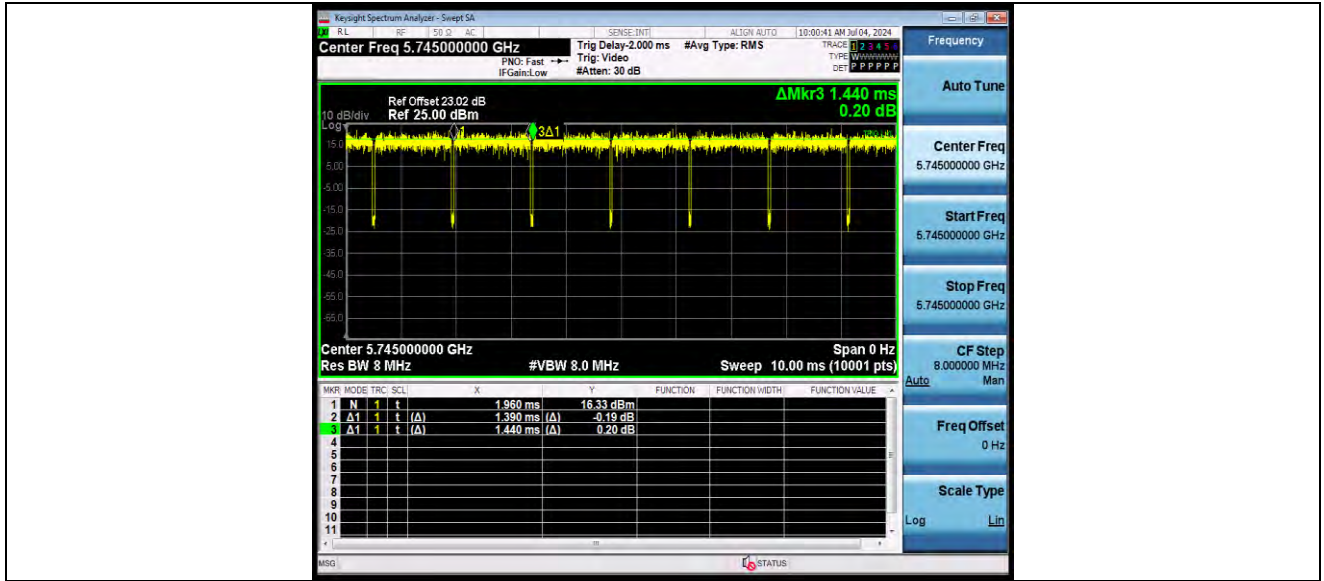


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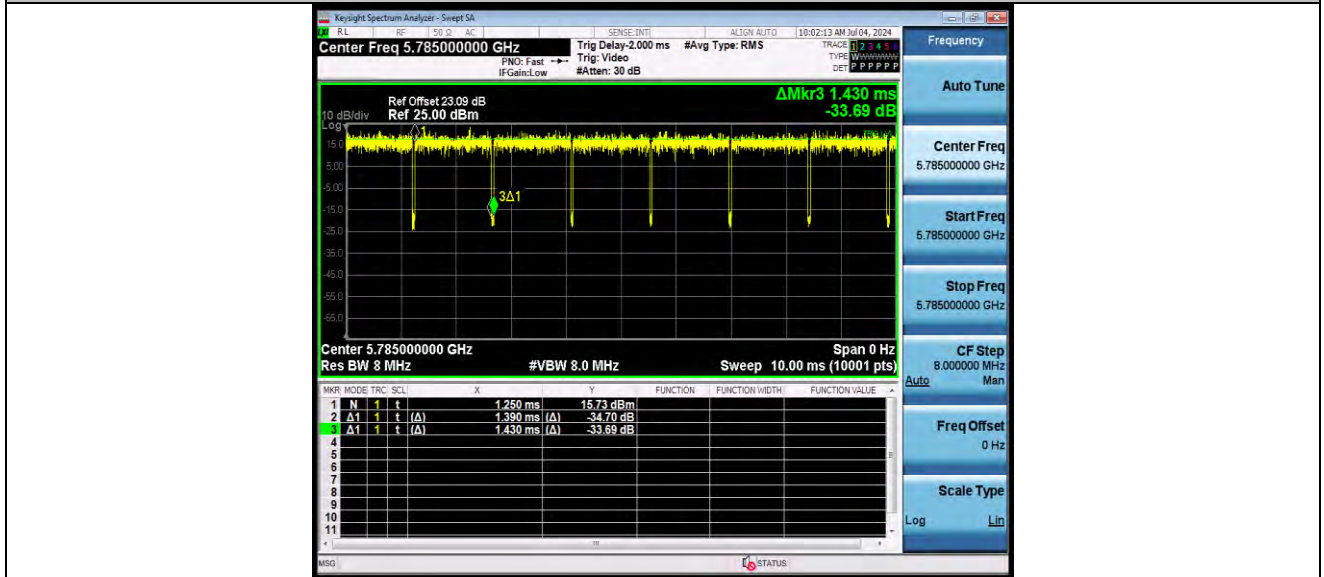


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Test Report No.: W7L-P24050016RF03



11A_Ant1_5785

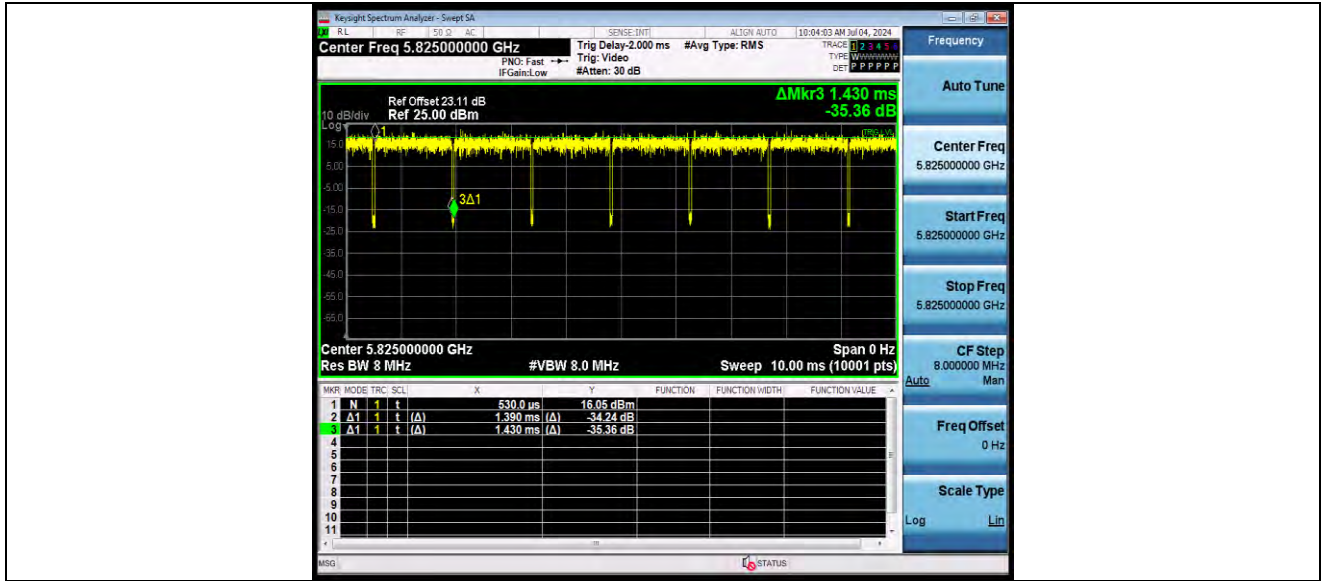


11A_Ant1_5825

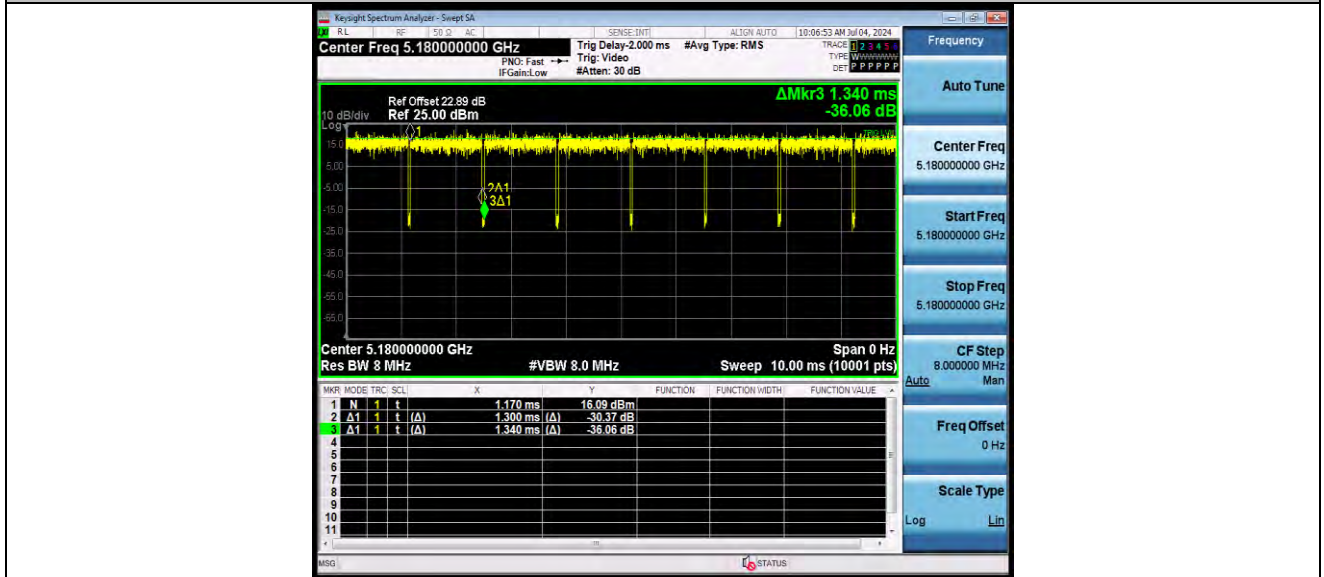


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Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5180

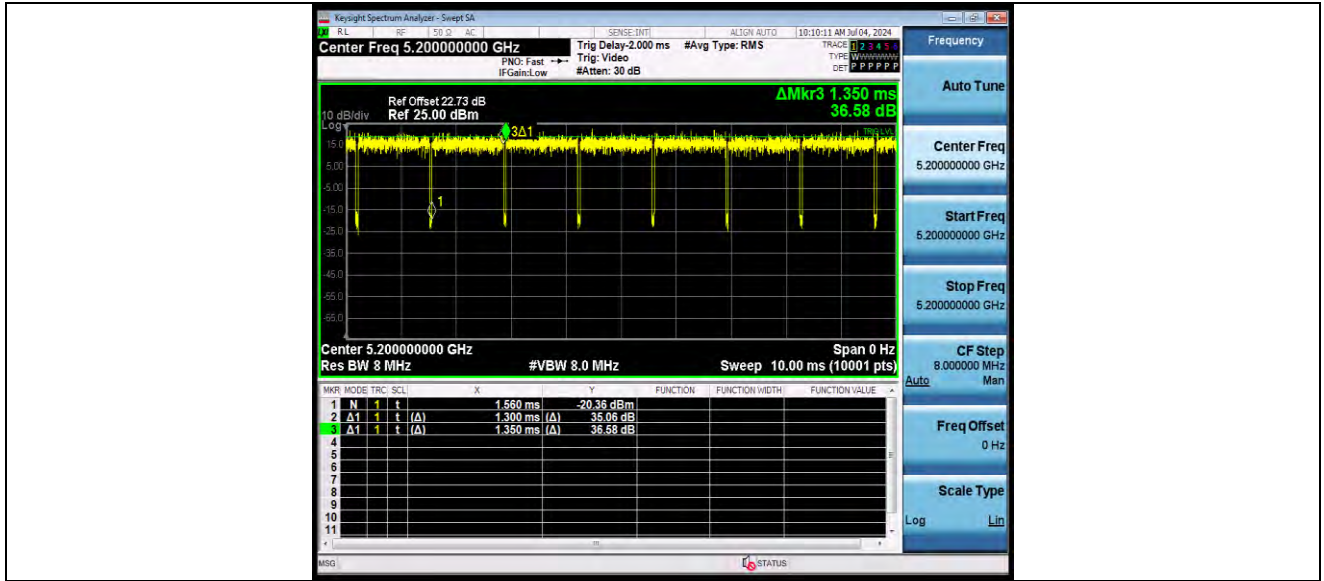


11N20SISO_Ant1_5200

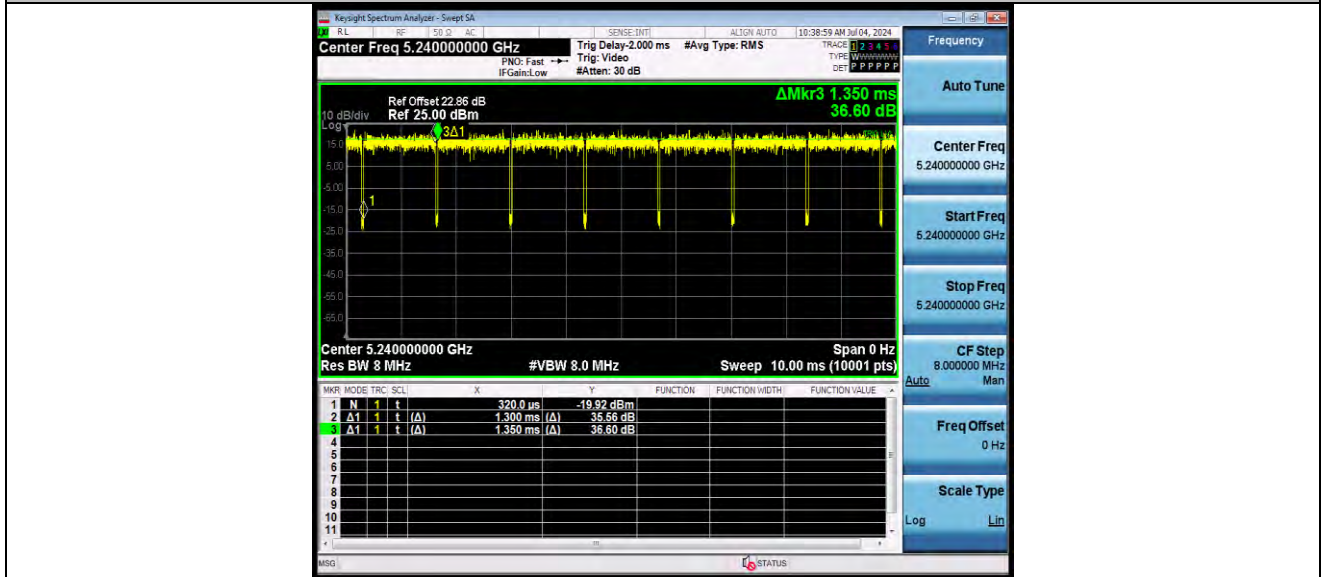


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Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5240

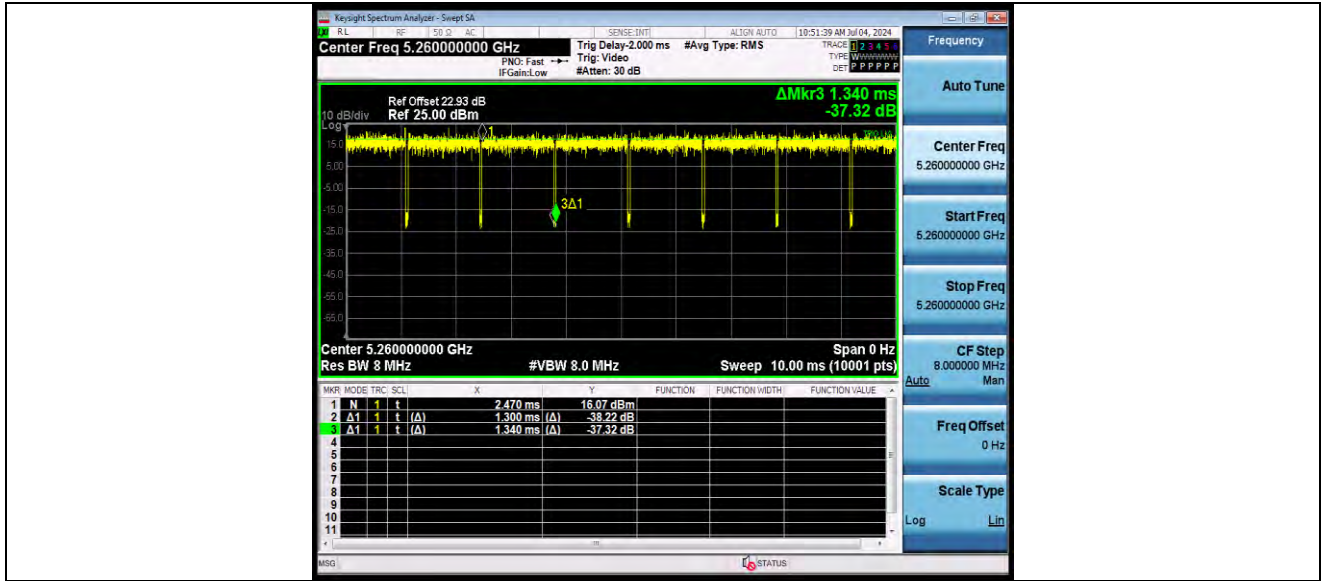


11N20SISO_Ant1_5260

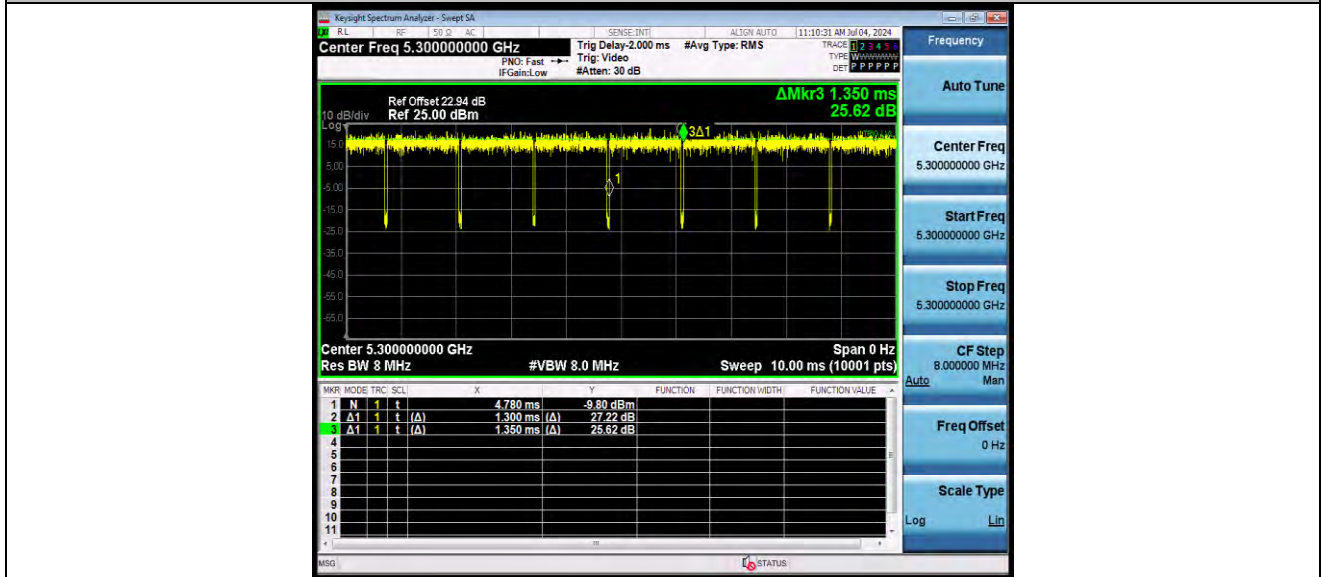


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Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5300

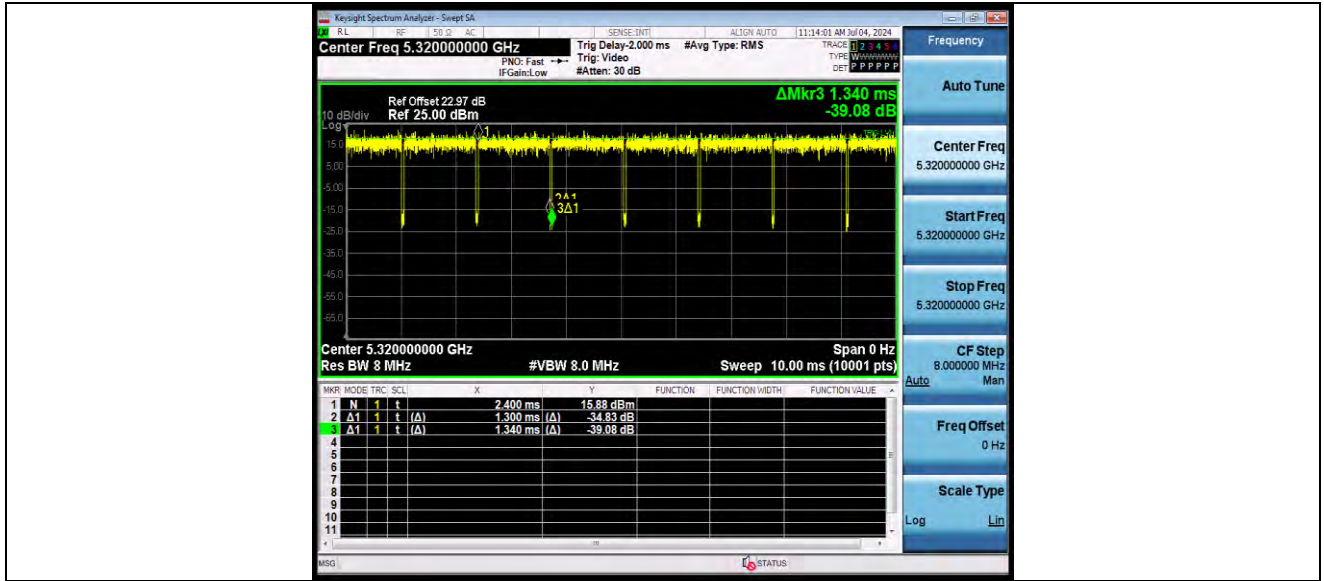


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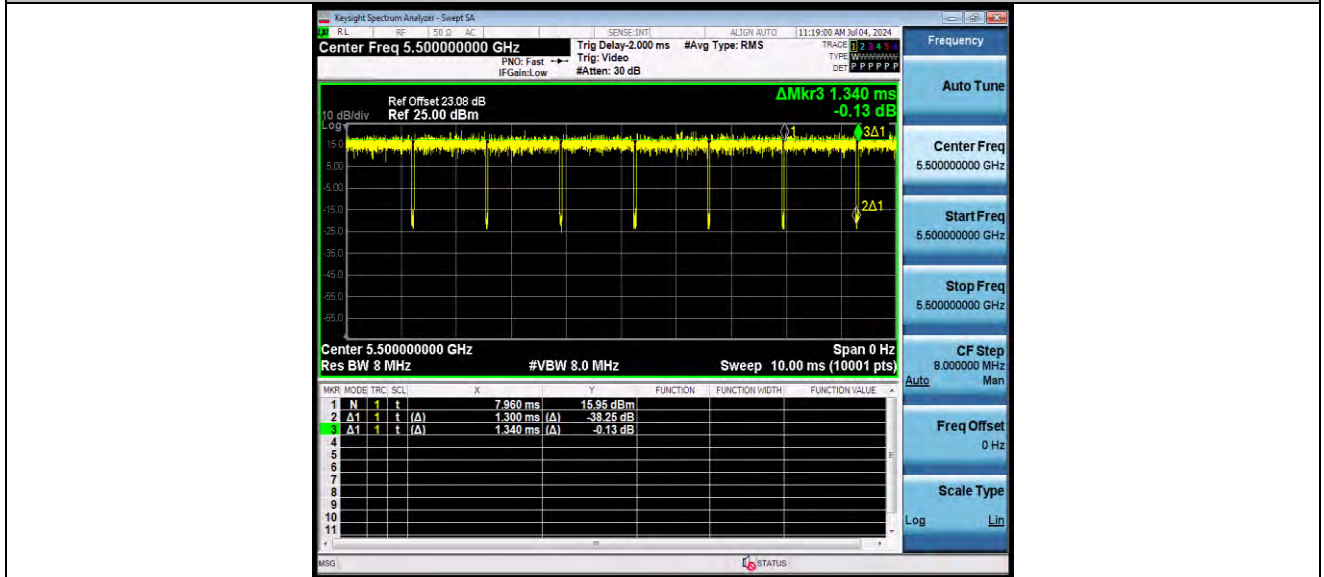


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Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5500

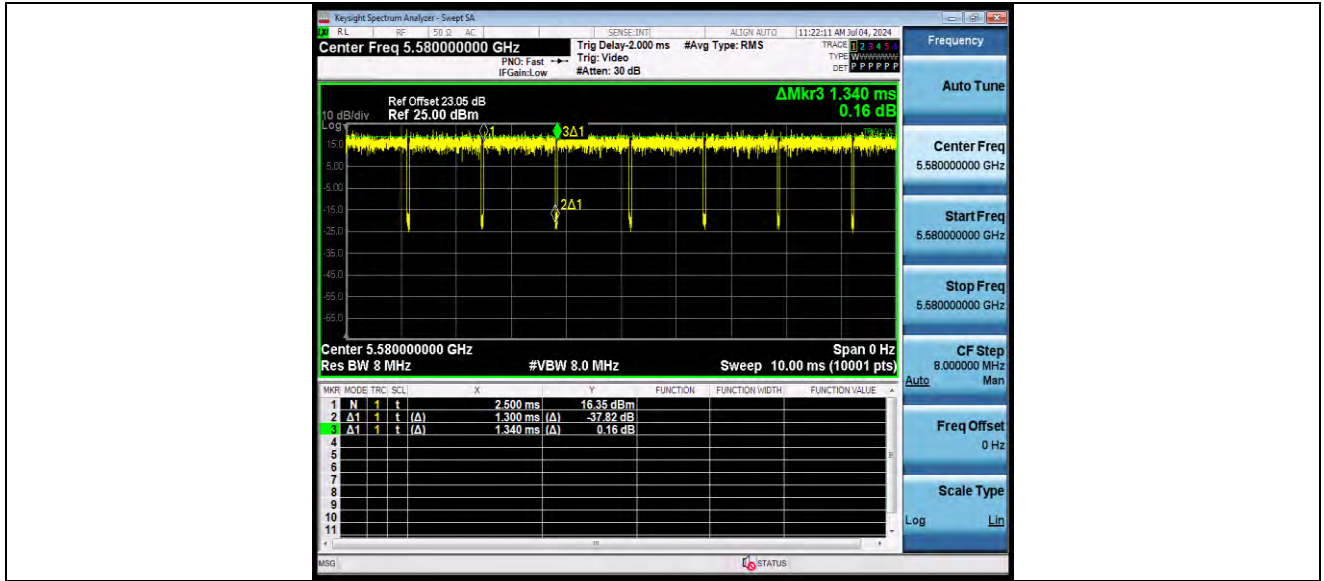


11N20SISO_Ant1_5580

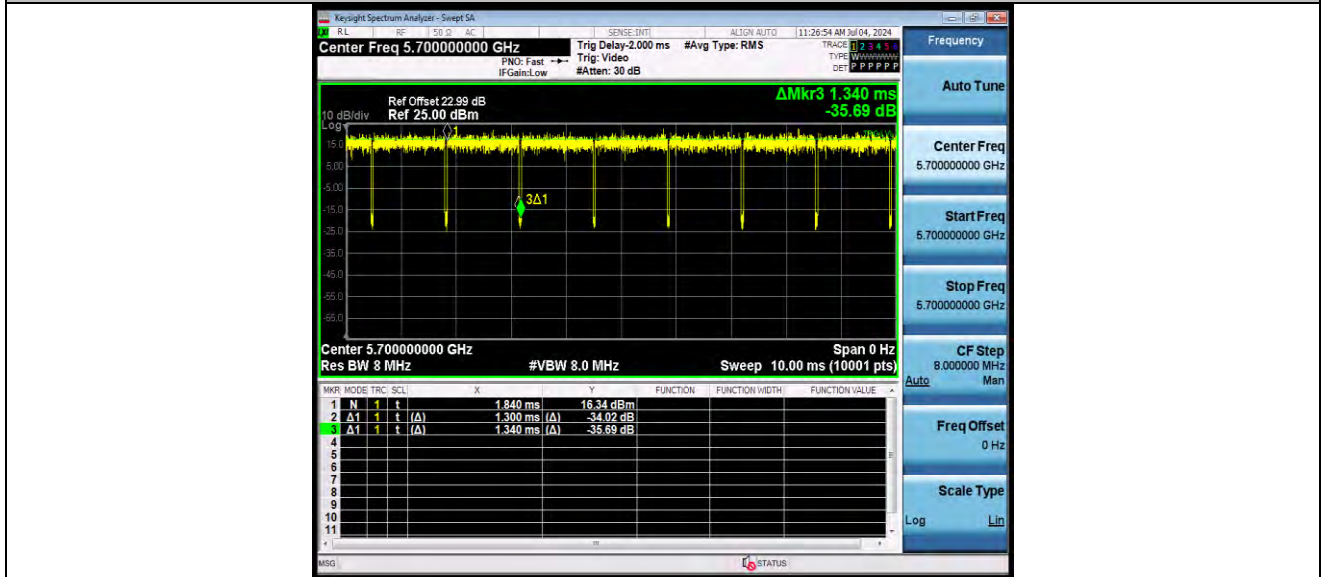


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Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5700

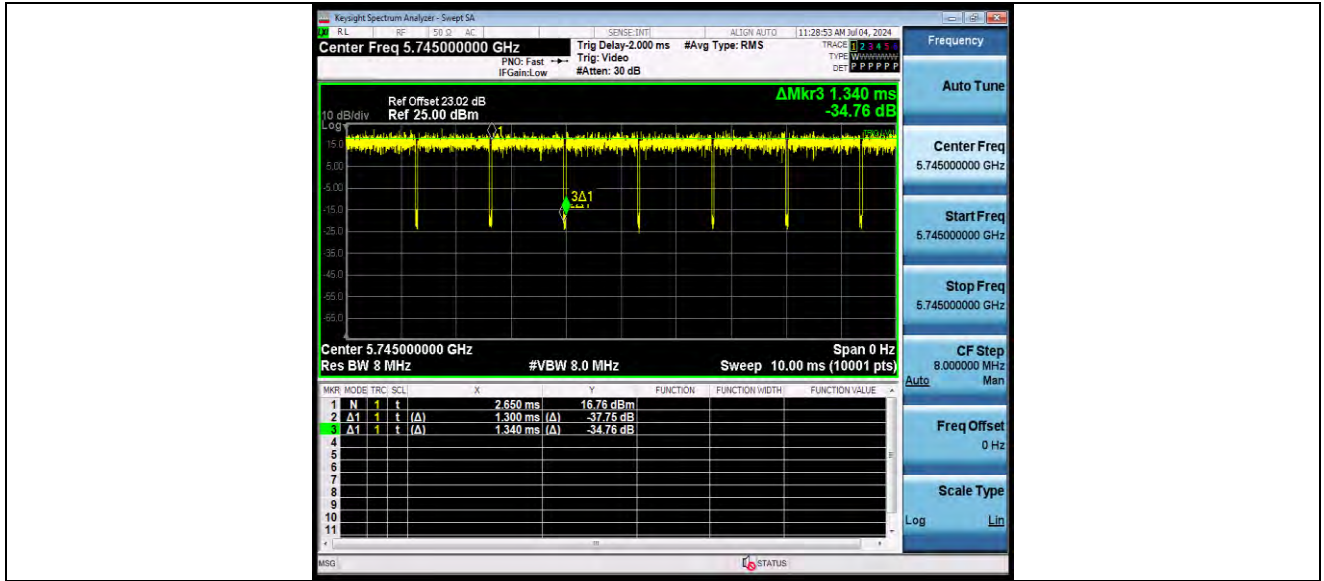


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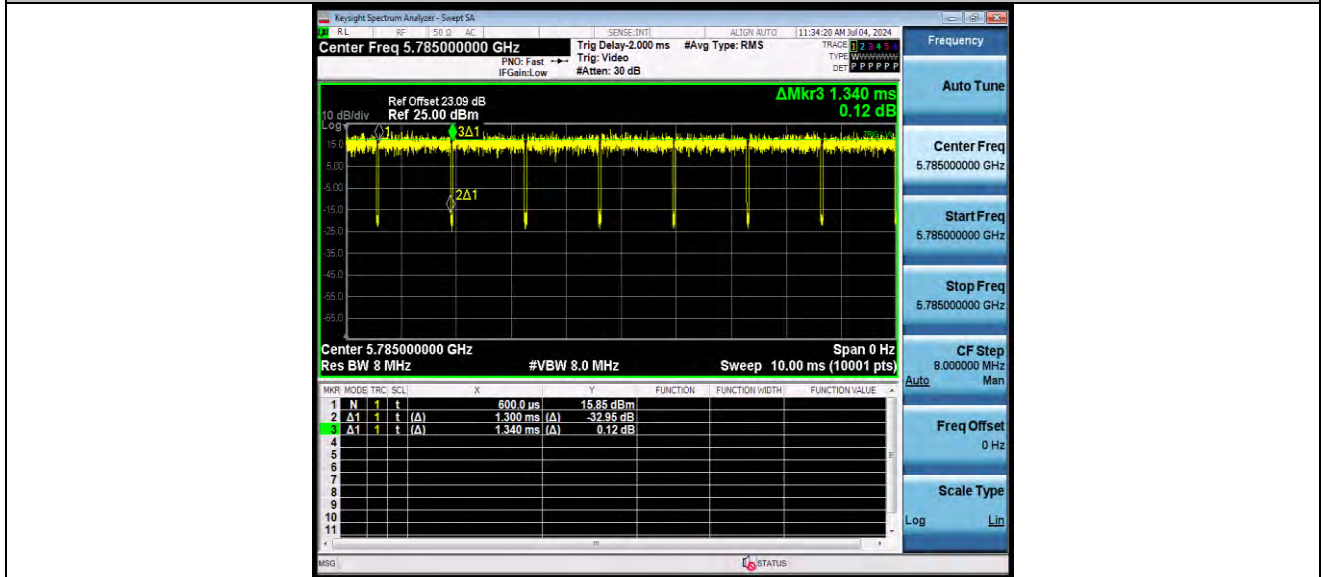


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Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5785

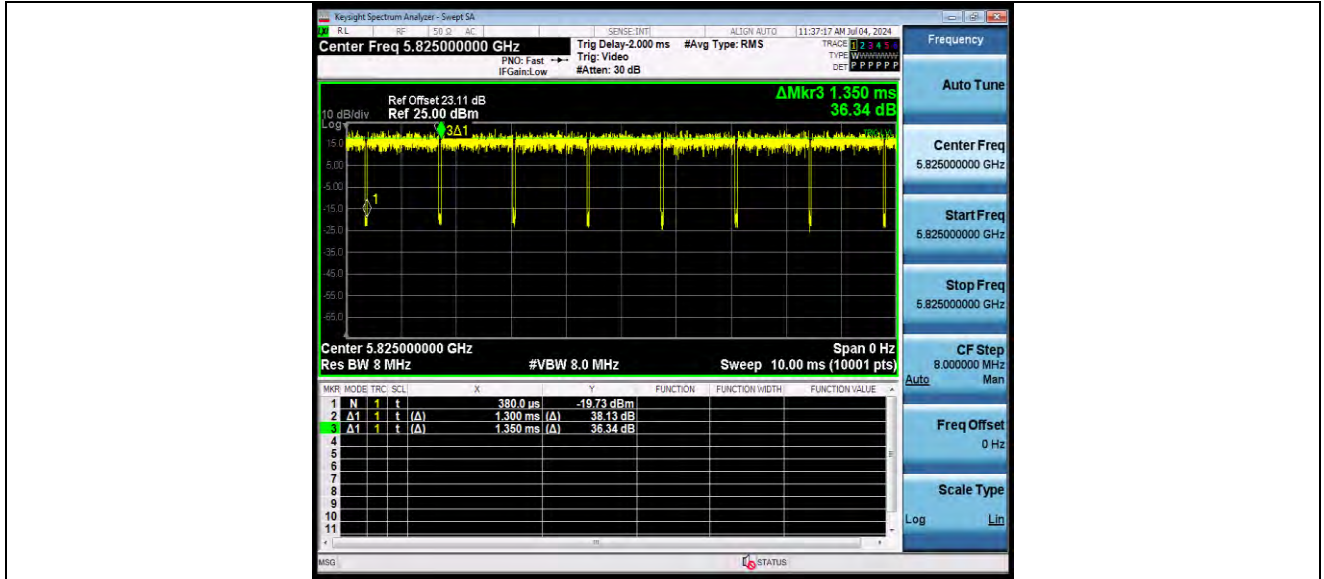


11N20SISO_Ant1_5825

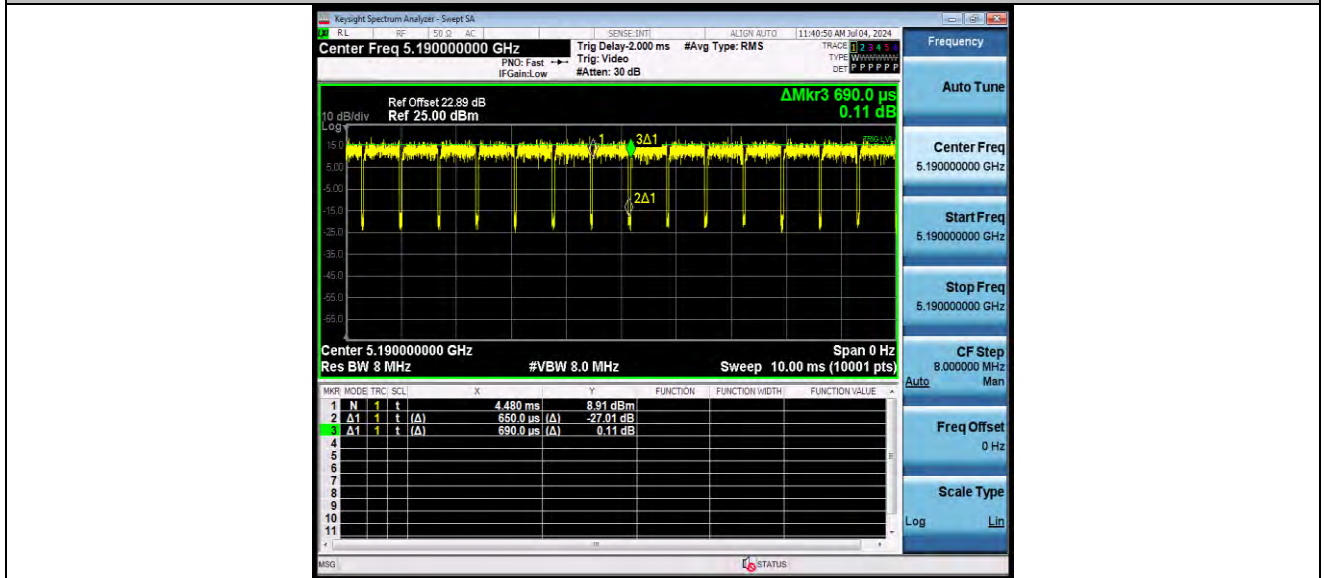


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11N40SISO_Ant1_5190



11N40SISO_Ant1_5230

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

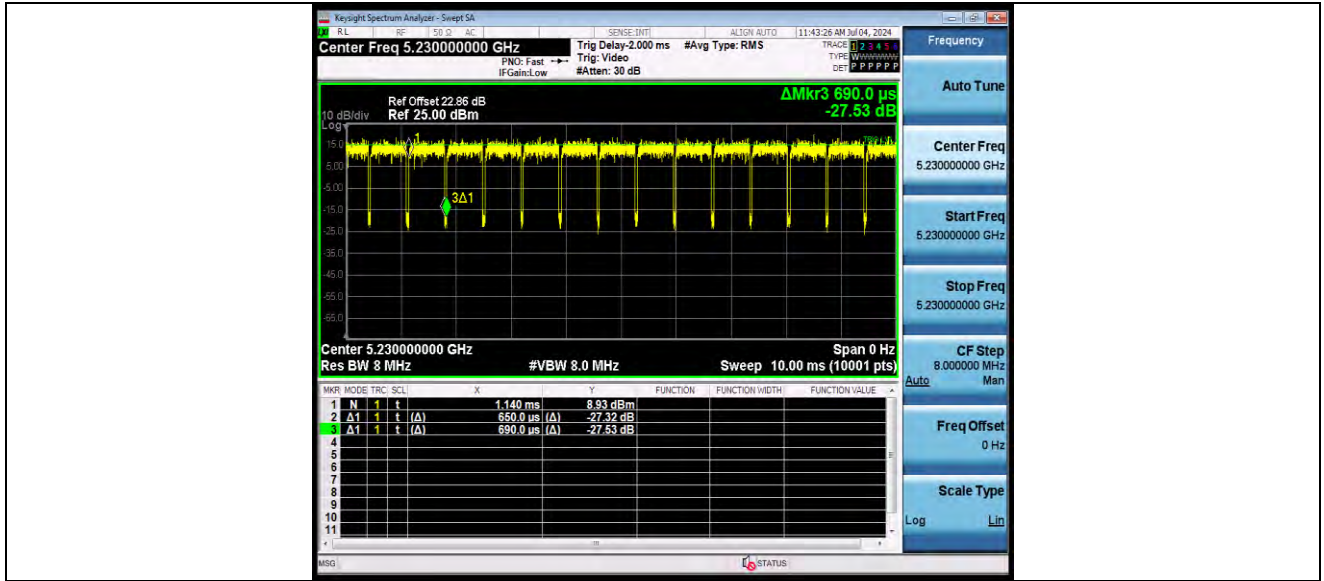
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

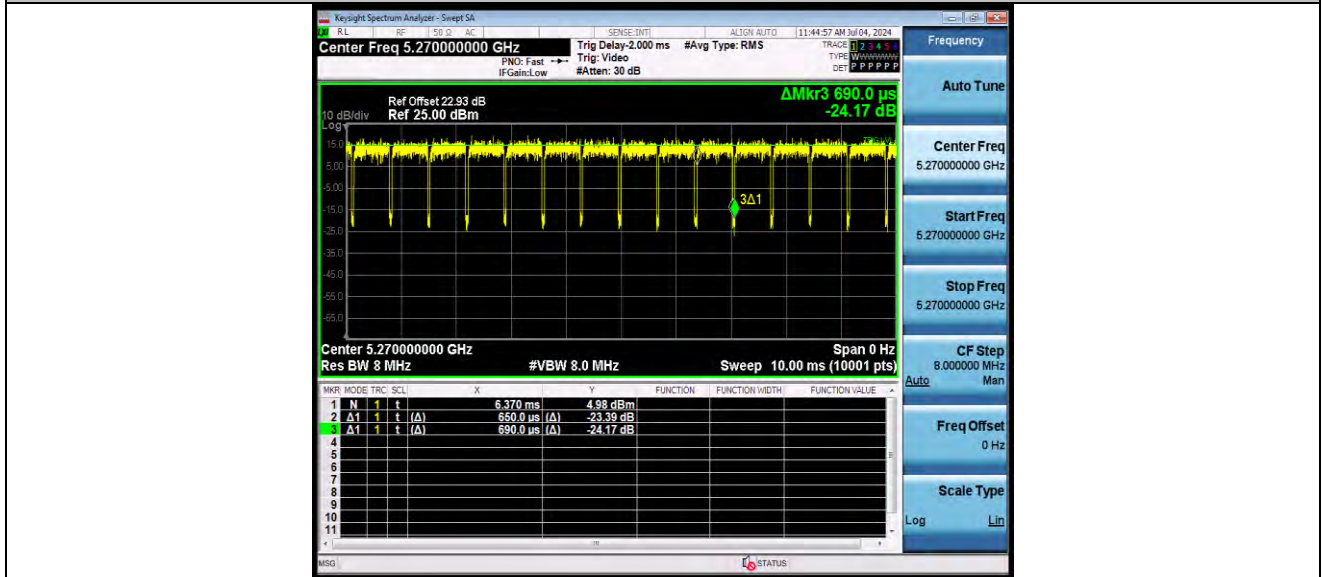


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Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5270

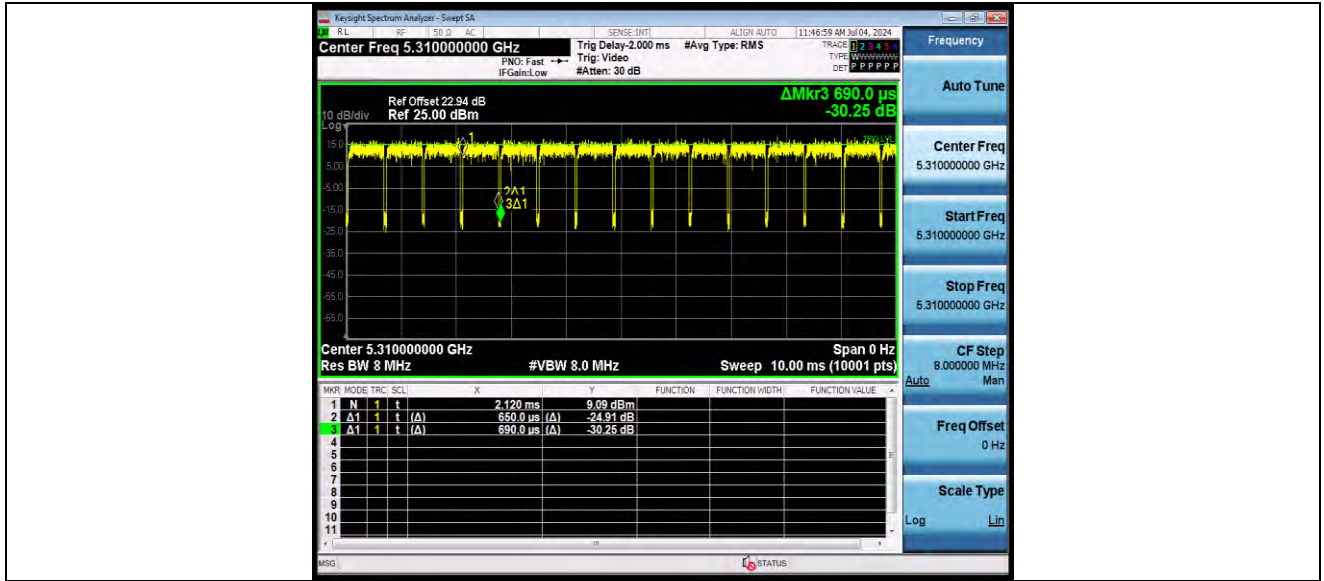


11N40SISO_Ant1_5310

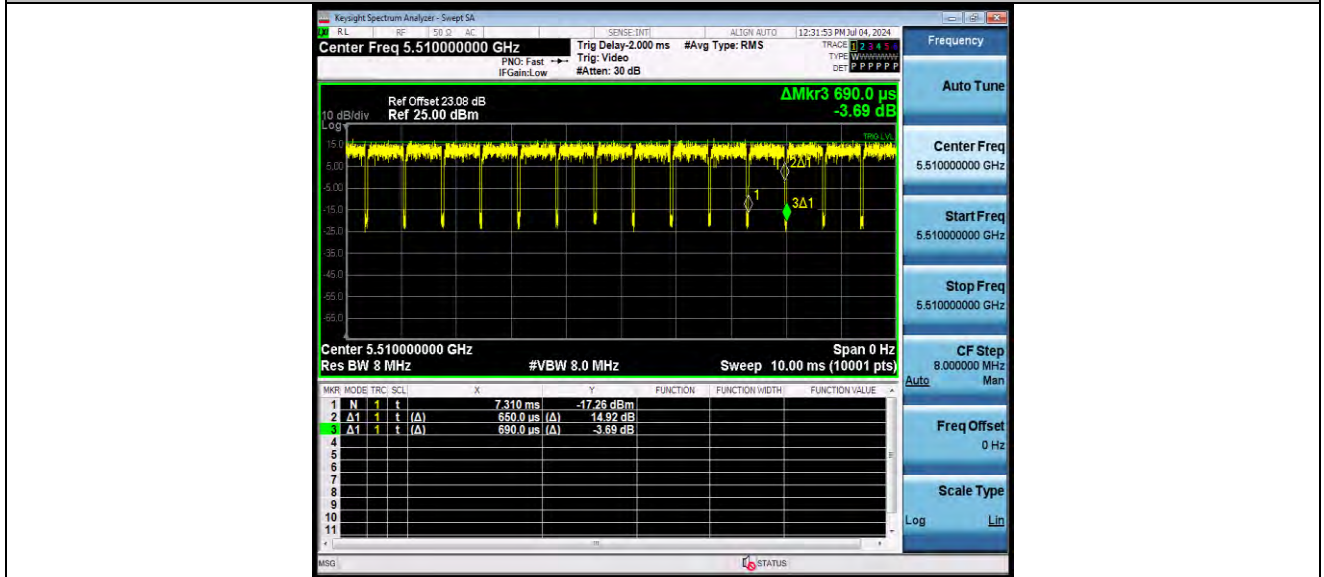


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5510

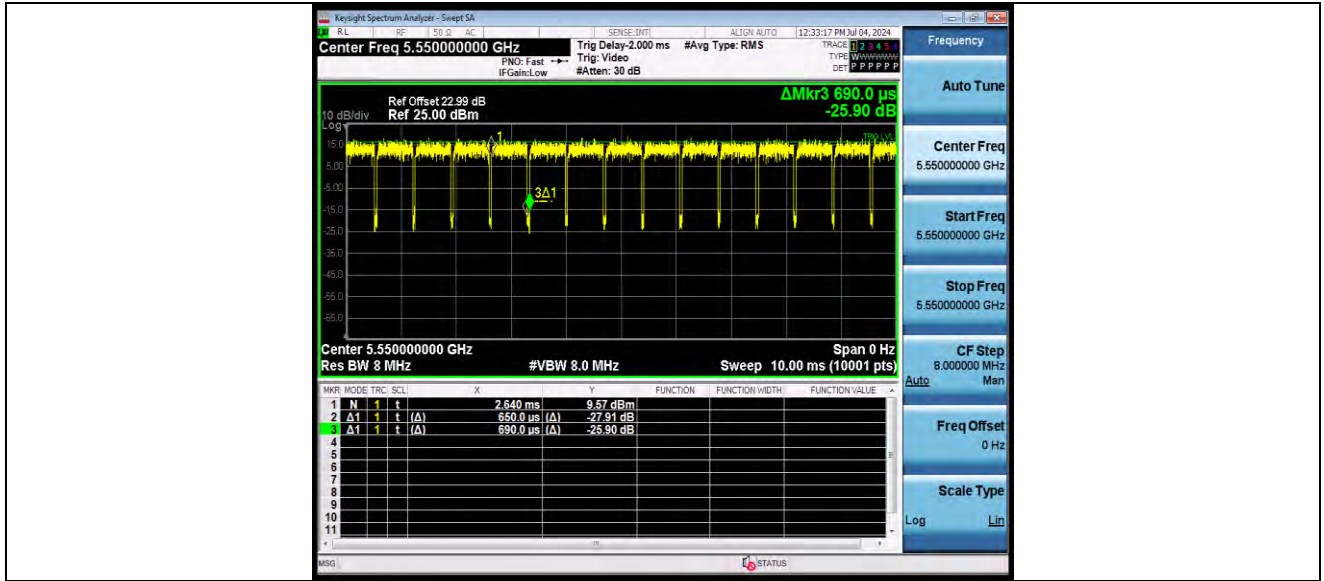


11N40SISO_Ant1_5550

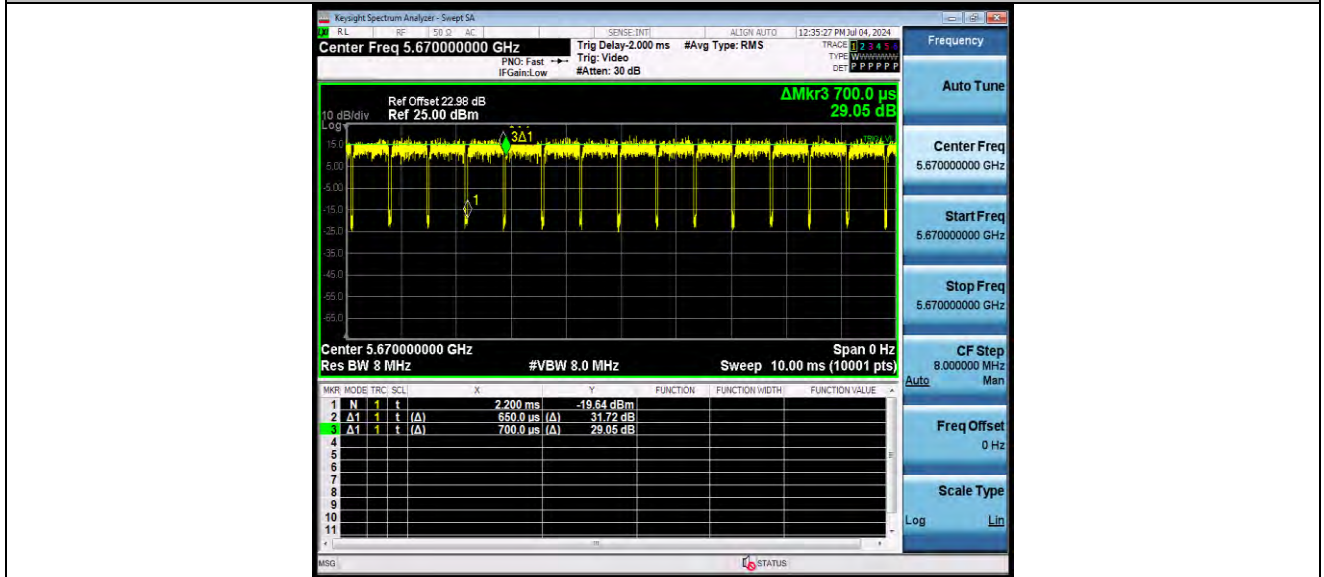


BUREAU VERITAS

Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5670

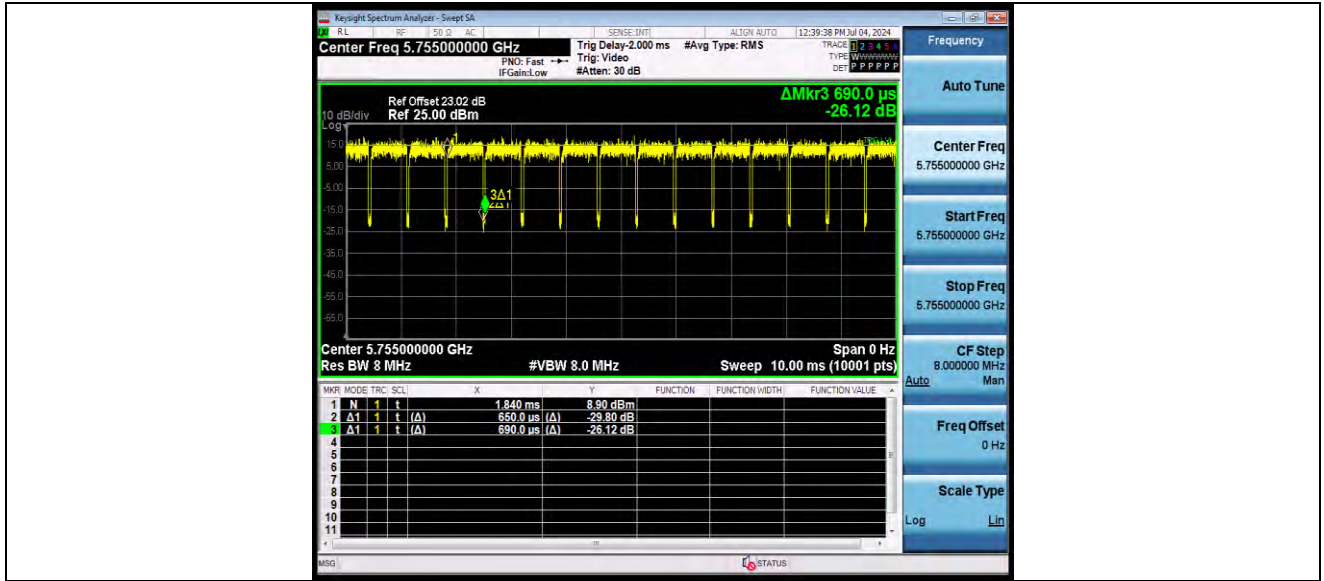


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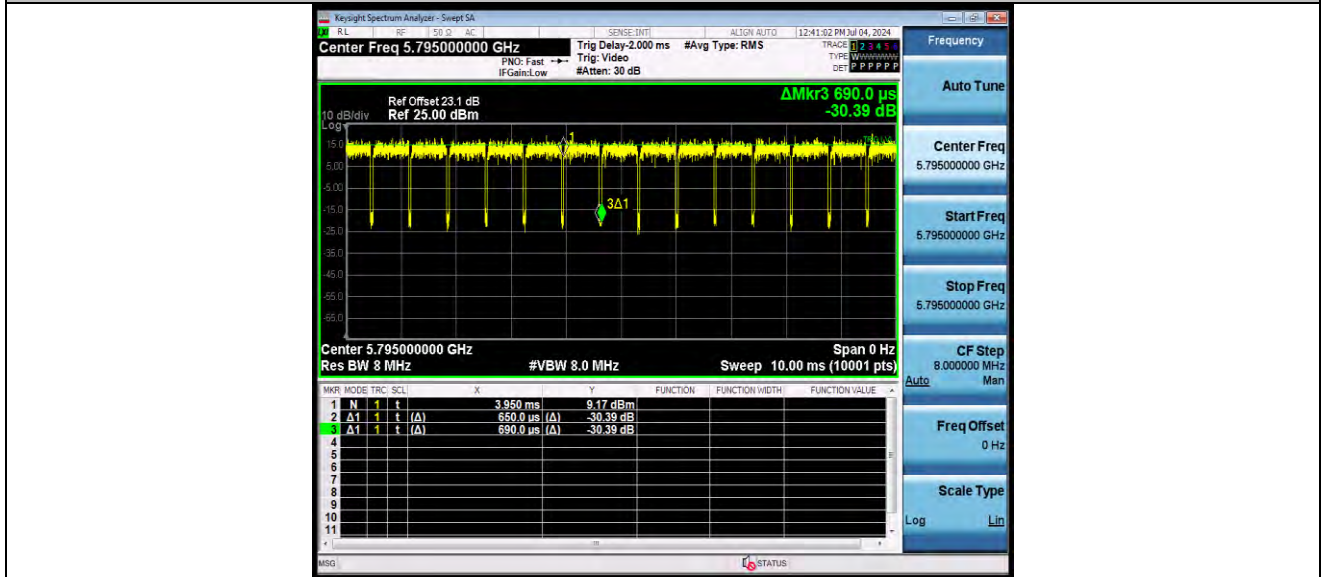


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11N40SISO_Ant1_5795

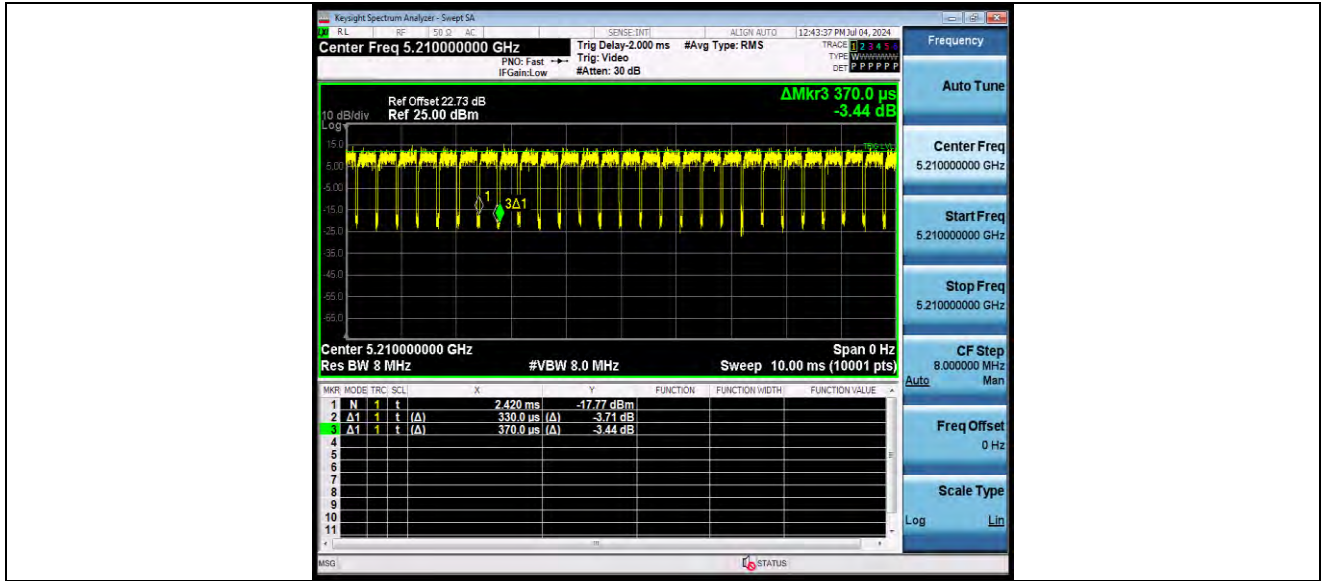


11AC80SISO_Ant1_5210

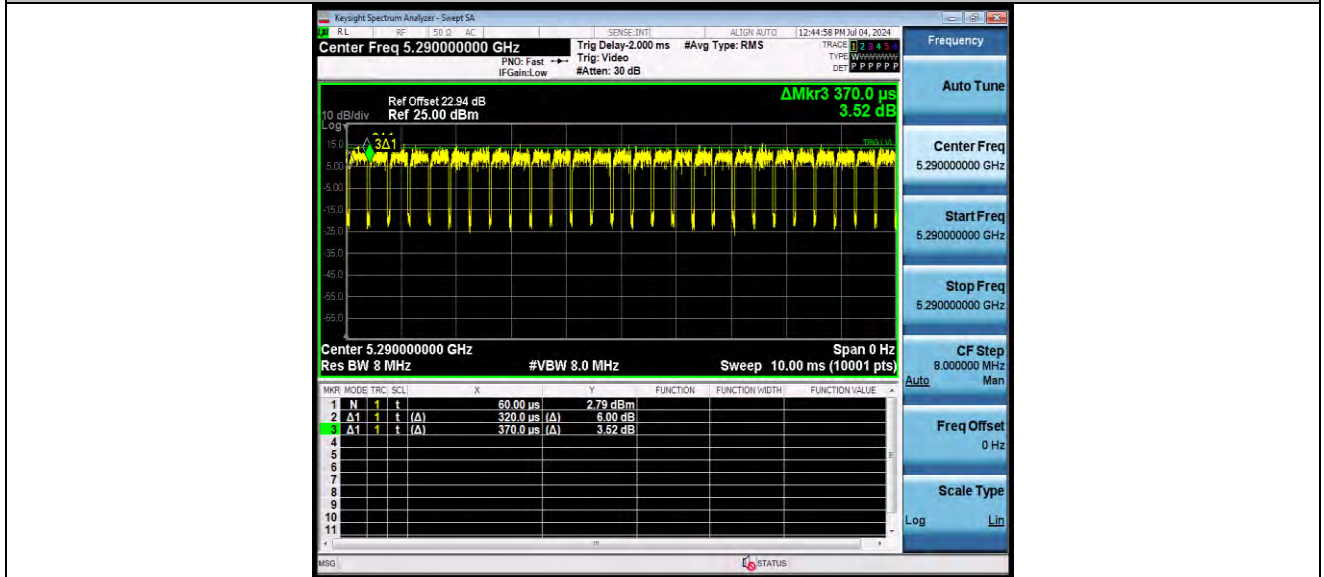


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11AC80SISO_Ant1_5290

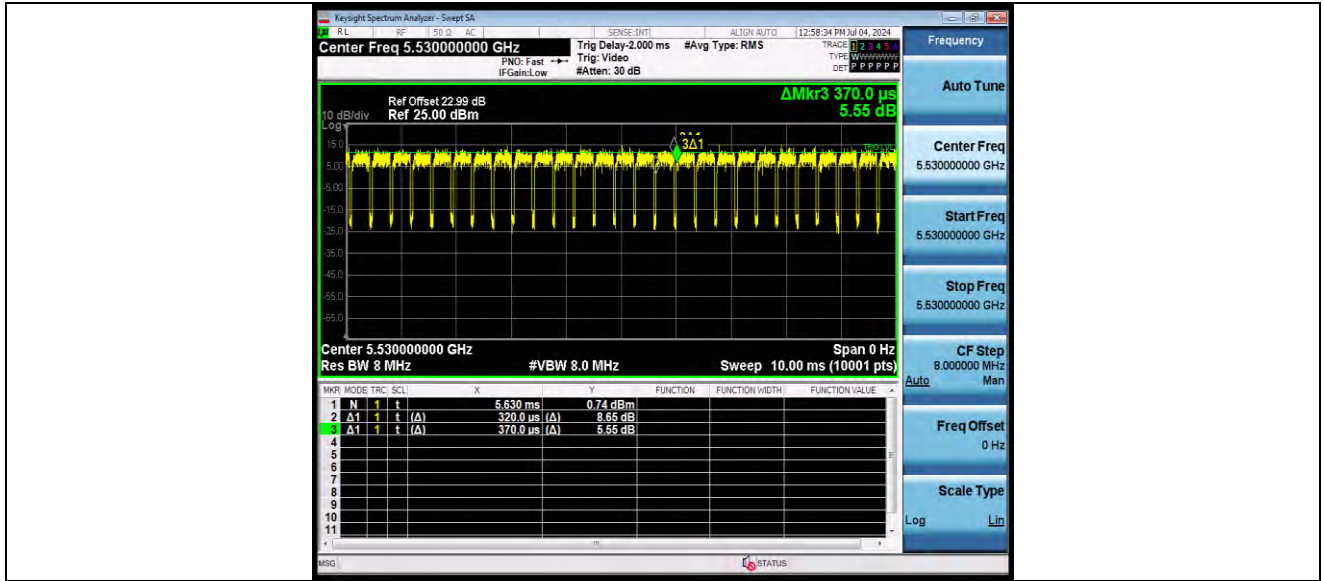


11AC80SISO_Ant1_5530

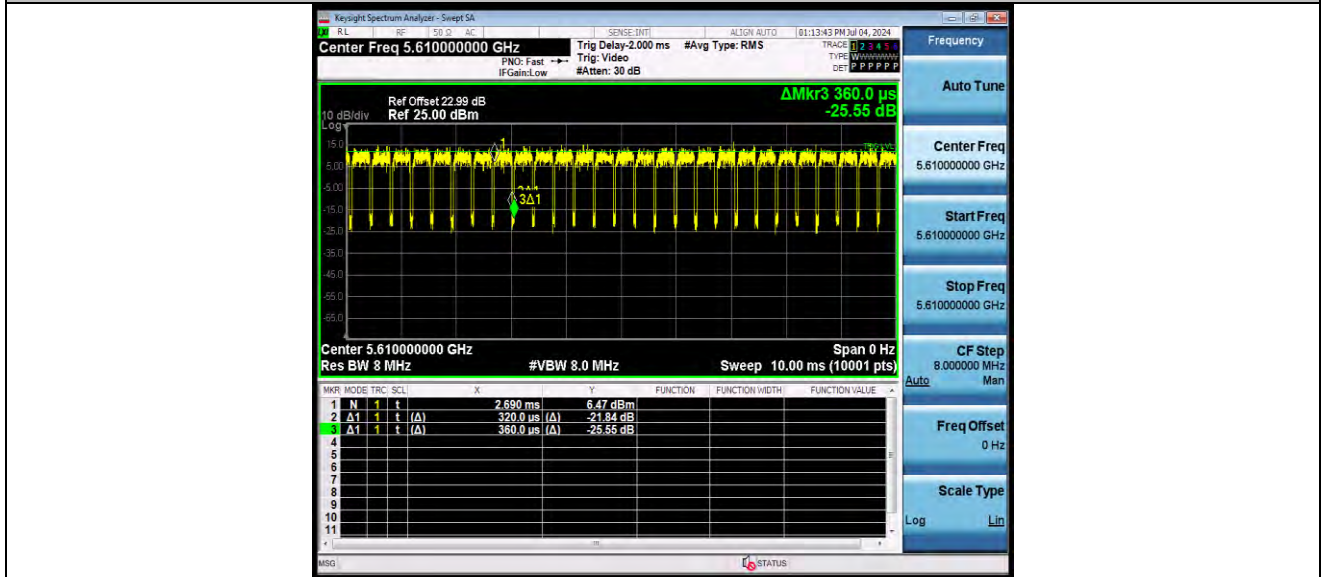


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11AC80SISO_Ant1_5610

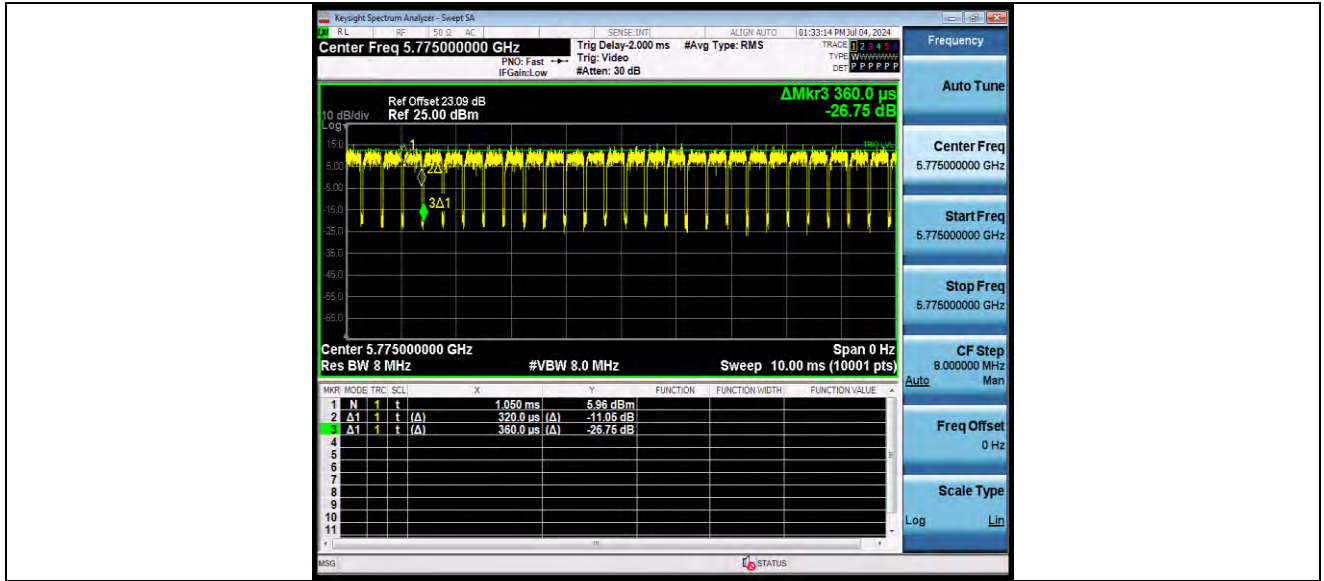


11AC80SISO_Ant1_5775



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MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

BV Power Table For_U-NII-1										
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	IC Conducted Power Limit (dBm)	EIRP (dBm)	IC EIRP Limit	Verdict	Power Setting
11A	SISO	5180	Ant1	12.83	≤24.00	----	12.93	≤23.01	Pass	15
		5200	Ant1	12.93	≤24.00	----	13.03	≤23.01	Pass	15
		5240	Ant1	12.95	≤24.00	----	13.05	≤23.01	Pass	15
11N20	SISO	5180	Ant1	13.23	≤24.00	----	13.33	≤23.01	Pass	15
		5200	Ant1	13.33	≤24.00	----	13.43	≤23.01	Pass	15
		5240	Ant1	13.25	≤24.00	----	13.35	≤23.01	Pass	15
11N40	SISO	5190	Ant1	13.12	≤24.00	----	13.22	≤23.01	Pass	15
		5230	Ant1	13.12	≤24.00	----	13.22	≤23.01	Pass	15
11AC20	SISO	5180	Ant1	13.06	≤24.00	----	13.16	≤23.01	Pass	15
		5200	Ant1	13.00	≤24.00	----	13.10	≤23.01	Pass	15
		5240	Ant1	13.07	≤24.00	----	13.17	≤23.01	Pass	15
11AC40	SISO	5190	Ant1	13.06	≤24.00	----	13.16	≤23.01	Pass	15
		5230	Ant1	13.15	≤24.00	----	13.25	≤23.01	Pass	15
11AC80	SISO	5210	Ant1	13.54	≤24.00	----	13.64	≤23.01	Pass	14.5

Note: The Maximum Conducted Power with duty cycle factor.

BV Power Table For_U-NII-2A											
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	IC Conducted Power Limit (dBm)	EIRP (dBm)	FCC EIRP Limit	IC EIRP Limit	Verdict	Power Setting
11A	SISO	5260	Ant1	13.03	≤24.00	≤24.00	13.03	≤30.00	≤23.01	Pass	15
		5300	Ant1	13.02	≤24.00	≤24.00	13.02	≤30.00	≤23.01	Pass	15
		5320	Ant1	13.18	≤24.00	≤24.00	13.18	≤30.00	≤23.01	Pass	15
11N20	SISO	5260	Ant1	13.34	≤24.00	≤24.00	13.34	≤30.00	≤23.01	Pass	15



		5300	Ant1	13.21	≤24.00	≤24.00	13.21	≤30.00	≤23.01	Pass	15
		5320	Ant1	13.36	≤24.00	≤24.00	13.36	≤30.00	≤23.01	Pass	15
11N40	SISO	5270	Ant1	13.09	≤24.00	≤24.00	13.09	≤30.00	≤23.01	Pass	15
		5310	Ant1	13.06	≤24.00	≤24.00	13.06	≤30.00	≤23.01	Pass	15
11AC20	SISO	5260	Ant1	13.01	≤24.00	≤24.00	13.01	≤30.00	≤23.01	Pass	15
		5300	Ant1	13.04	≤24.00	≤24.00	13.04	≤30.00	≤23.01	Pass	15
		5320	Ant1	13.17	≤24.00	≤24.00	13.17	≤30.00	≤23.01	Pass	15
11AC40	SISO	5270	Ant1	13.13	≤24.00	≤24.00	13.13	≤30.00	≤23.01	Pass	15
		5310	Ant1	13.11	≤24.00	≤24.00	13.11	≤30.00	≤23.01	Pass	15
11AC80	SISO	5210	Ant1	13.28	≤24.00	≤24.00	13.28	≤30.00	≤23.01	Pass	14.5

Note: The Maximum Conducted Power with duty cycle factor.

BV Power Table For_U-NII-2C

Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	IC Conducted Power Limit (dBm)	EIRP (dBm)	FCC EIRP Limit	IC EIRP Limit	Verdict	Power Setting
11A	SISO	5500	Ant1	13.19	≤24.00	≤24.00	13.69	≤30.00	≤30.00	Pass	15
		5580	Ant1	13.00	≤24.00	≤24.00	13.50	≤30.00	≤30.00	Pass	15
		5700	Ant1	13.13	≤24.00	≤24.00	13.63	≤30.00	≤30.00	Pass	15
11N20	SISO	5500	Ant1	13.45	≤24.00	≤24.00	13.95	≤30.00	≤30.00	Pass	15
		5580	Ant1	13.42	≤24.00	≤24.00	13.92	≤30.00	≤30.00	Pass	15
		5700	Ant1	13.49	≤24.00	≤24.00	13.99	≤30.00	≤30.00	Pass	15
11N40	SISO	5510	Ant1	13.19	≤24.00	≤24.00	13.69	≤30.00	≤30.00	Pass	15
		5550	Ant1	13.31	≤24.00	≤24.00	13.81	≤30.00	≤30.00	Pass	15
		5670	Ant1	13.26	≤24.00	≤24.00	13.76	≤30.00	≤30.00	Pass	15
11AC20	SISO	5500	Ant1	13.27	≤24.00	≤24.00	13.77	≤30.00	≤30.00	Pass	15
		5580	Ant1	13.24	≤24.00	≤24.00	13.74	≤30.00	≤30.00	Pass	15
		5700	Ant1	13.13	≤24.00	≤24.00	13.63	≤30.00	≤30.00	Pass	15
11AC40	SISO	5510	Ant1	13.23	≤24.00	≤24.00	13.73	≤30.00	≤30.00	Pass	15
		5550	Ant1	13.34	≤24.00	≤24.00	13.84	≤30.00	≤30.00	Pass	15
		5670	Ant1	13.31	≤24.00	≤24.00	13.81	≤30.00	≤30.00	Pass	15
11AC80	SISO	5530	Ant1	13.13	≤24.00	≤24.00	13.63	≤30.00	≤30.00	Pass	14.5

Note: The Maximum Conducted Power with duty cycle factor.



BV Power Table For_U-NII-3									
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	IC EIRP Limit	Verdict	Power Setting
11A	SISO	5745	Ant1	12.96	≤30.00	13.36	≤36.00	Pass	15
		5785	Ant1	12.91	≤30.00	13.31	≤36.00	Pass	15
		5825	Ant1	12.87	≤30.00	13.27	≤36.00	Pass	15
11N20	SISO	5745	Ant1	13.02	≤30.00	13.42	≤36.00	Pass	15
		5785	Ant1	13.14	≤30.00	13.54	≤36.00	Pass	15
		5825	Ant1	12.95	≤30.00	13.35	≤36.00	Pass	15
11N40	SISO	5755	Ant1	13.22	≤30.00	13.62	≤36.00	Pass	15
		5795	Ant1	13.21	≤30.00	13.61	≤36.00	Pass	15
11AC20	SISO	5745	Ant1	12.84	≤30.00	13.24	≤36.00	Pass	15
		5785	Ant1	12.96	≤30.00	13.36	≤36.00	Pass	15
		5825	Ant1	12.77	≤30.00	13.17	≤36.00	Pass	15
11AC40	SISO	5755	Ant1	13.18	≤30.00	13.58	≤36.00	Pass	15
		5795	Ant1	13.24	≤30.00	13.64	≤36.00	Pass	15
11AC80	SISO	5775	Ant1	13.70	≤30.00	14.10	≤36.00	Pass	14.5

Note: The Maximum Conducted Power with duty cycle factor.

Note: The Duty Cycle Factor is compensated in the graph.



MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.96	≤11.00	PASS
		5200	3.92	≤11.00	PASS
		5240	4.52	≤11.00	PASS
		5260	3.96	≤11.00	PASS
		5280	4.18	≤11.00	PASS
		5300	4.25	≤11.00	PASS
		5320	4.14	≤11.00	PASS
		5500	3.97	≤11.00	PASS
		5580	4.22	≤11.00	PASS
		5700	3.84	≤11.00	PASS
		5745	1.33	≤30.00	PASS
		5785	1.27	≤30.00	PASS
		5825	0.76	≤30.00	PASS
11N20SISO	Ant1	5180	3.51	≤11.00	PASS
		5200	3.53	≤11.00	PASS
		5240	4.08	≤11.00	PASS
		5260	3.89	≤11.00	PASS
		5300	3.98	≤11.00	PASS
		5320	3.77	≤11.00	PASS
		5500	3.54	≤11.00	PASS
		5580	4.20	≤11.00	PASS
		5700	3.78	≤11.00	PASS
		5745	0.87	≤30.00	PASS
		5785	0.87	≤30.00	PASS
		5825	1.12	≤30.00	PASS
11N40SISO	Ant1	5190	0.81	≤11.00	PASS
		5230	0.94	≤11.00	PASS
		5270	1.16	≤11.00	PASS
		5310	0.56	≤11.00	PASS
		5510	0.65	≤11.00	PASS
		5550	0.80	≤11.00	PASS



		5670	1.24	≤11.00	PASS
		5755	-2.20	≤30.00	PASS
		5795	-2.25	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.23	≤11.00	PASS
		5290	-2.86	≤11.00	PASS
		5530	-3.32	≤11.00	PASS
		5610	-3.20	≤11.00	PASS
		5775	-5.35	≤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

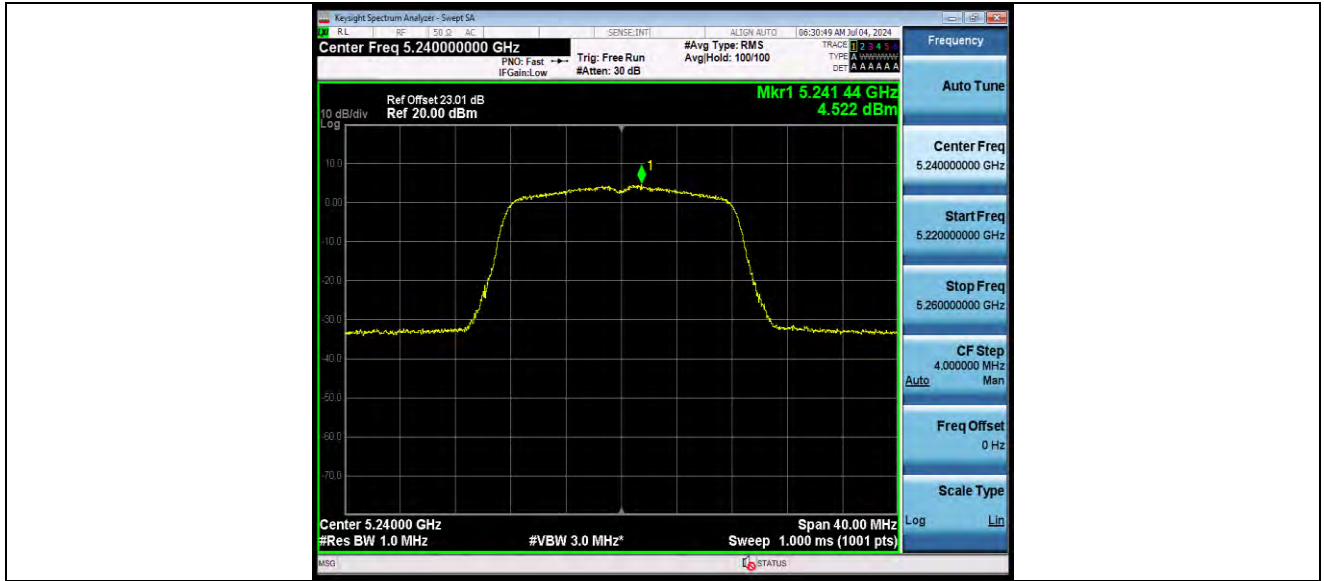


11A_Ant1_5240

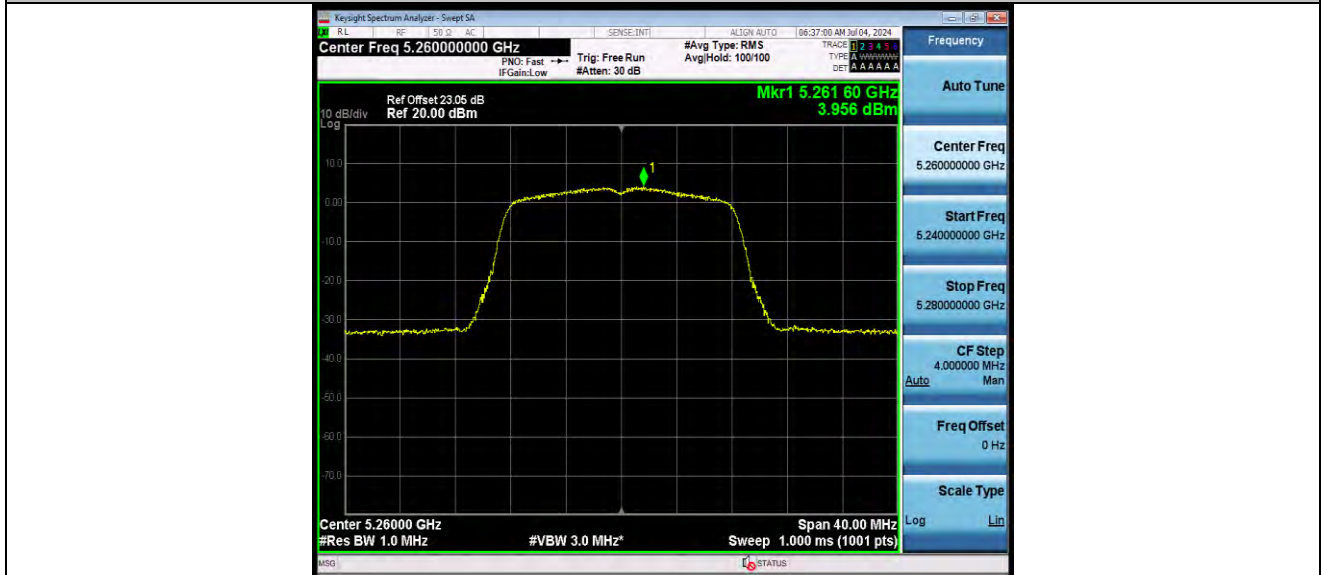


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11A_Ant1_5260

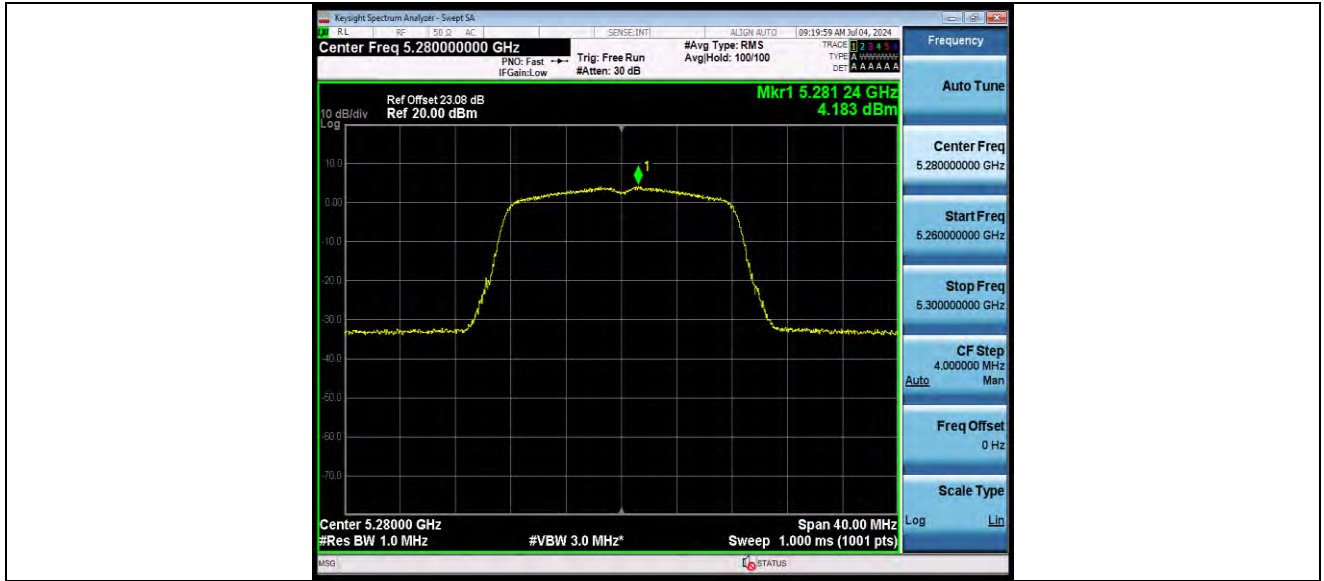


11A_Ant1_5280



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11A_Ant1_5300

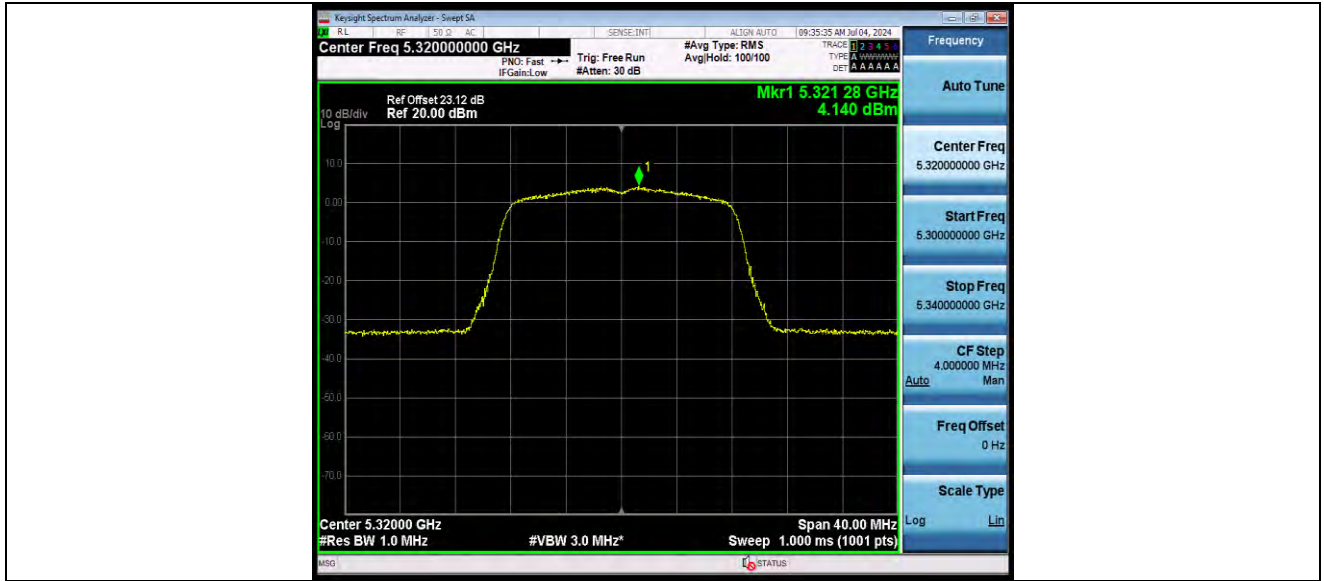


11A_Ant1_5320



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11A_Ant1_5500

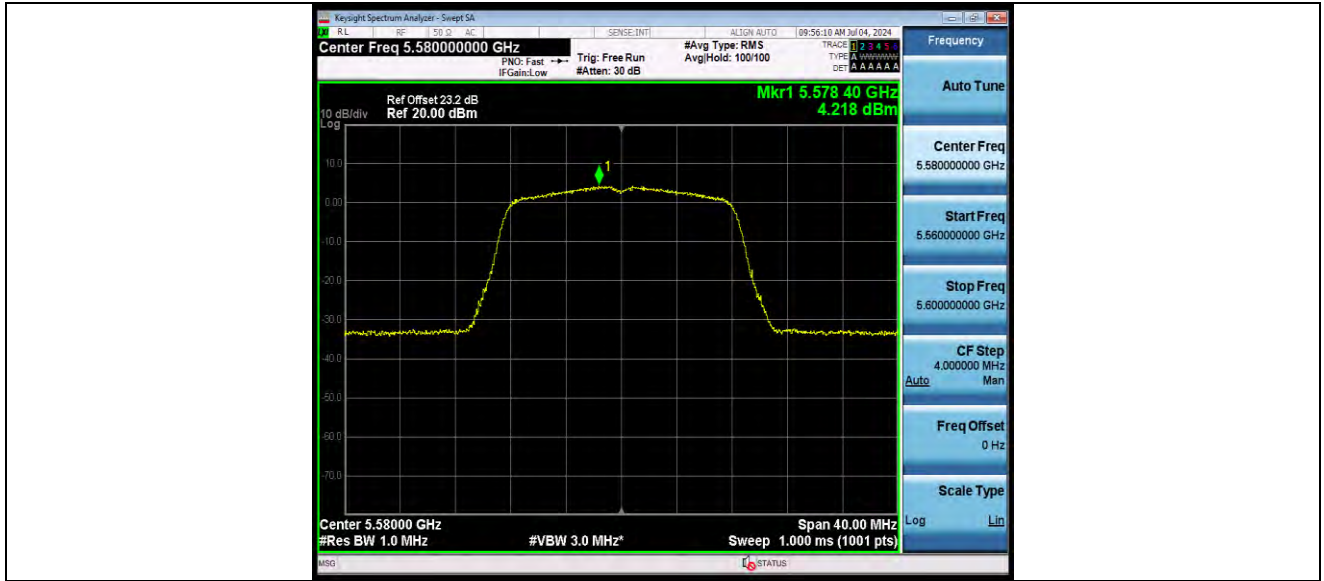


11A_Ant1_5580

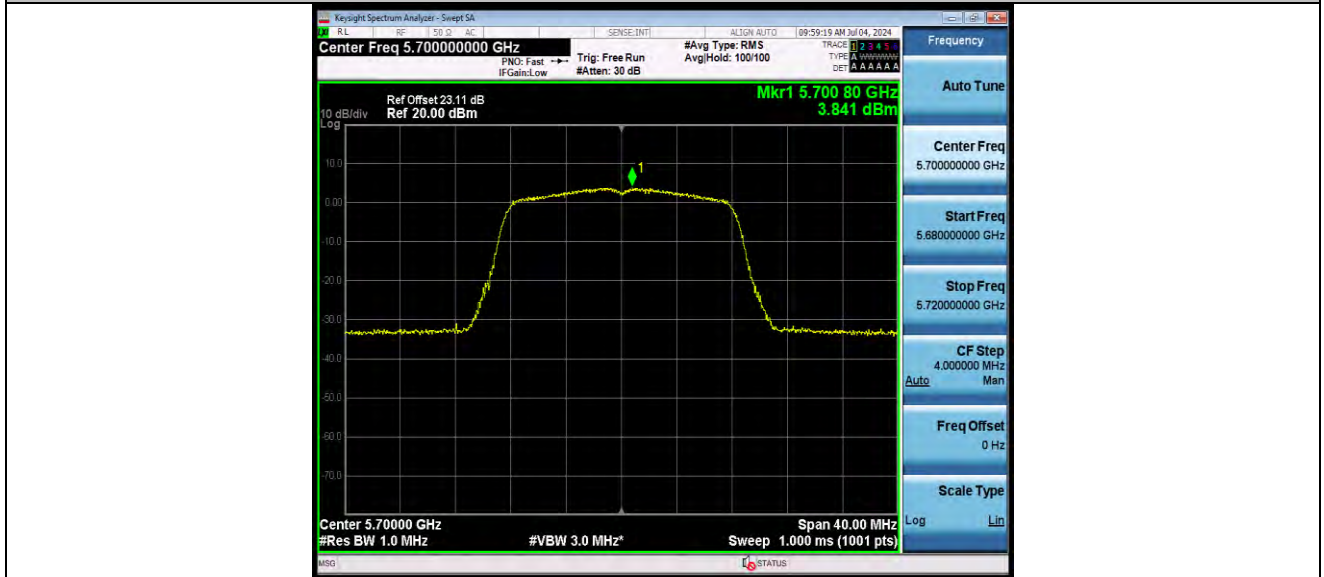


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11A_Ant1_5700



11A_Ant1_5745



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Test Report No.: W7L-P24050016RF03



11A_Ant1_5785

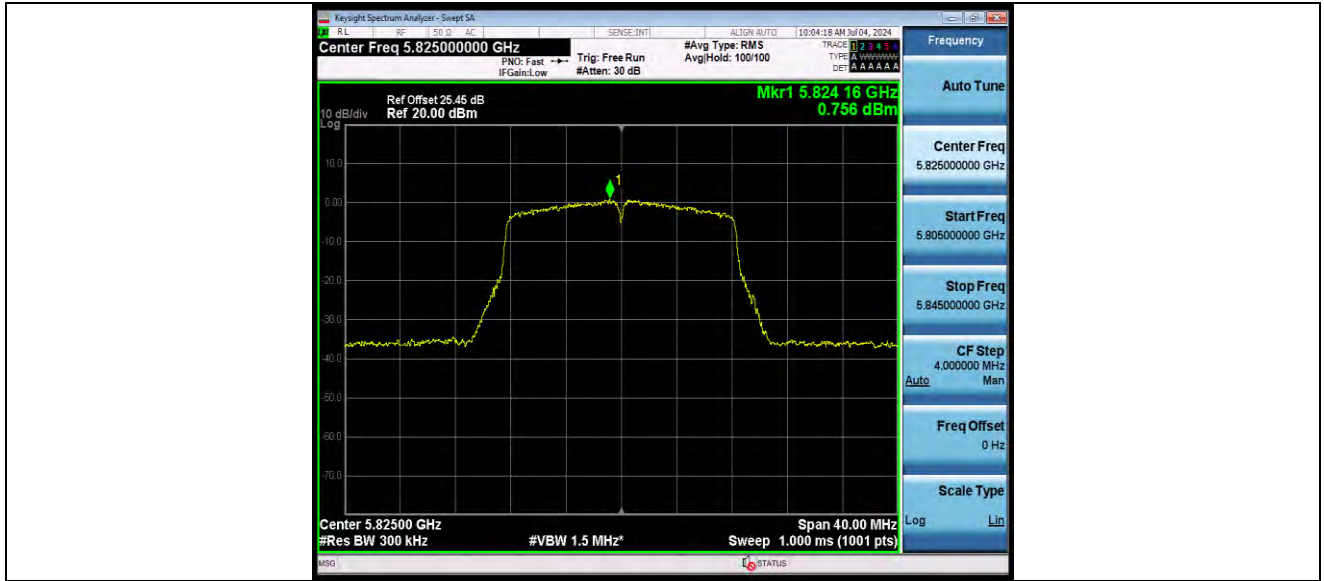


11A_Ant1_5825



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11N20SISO_Ant1_5180

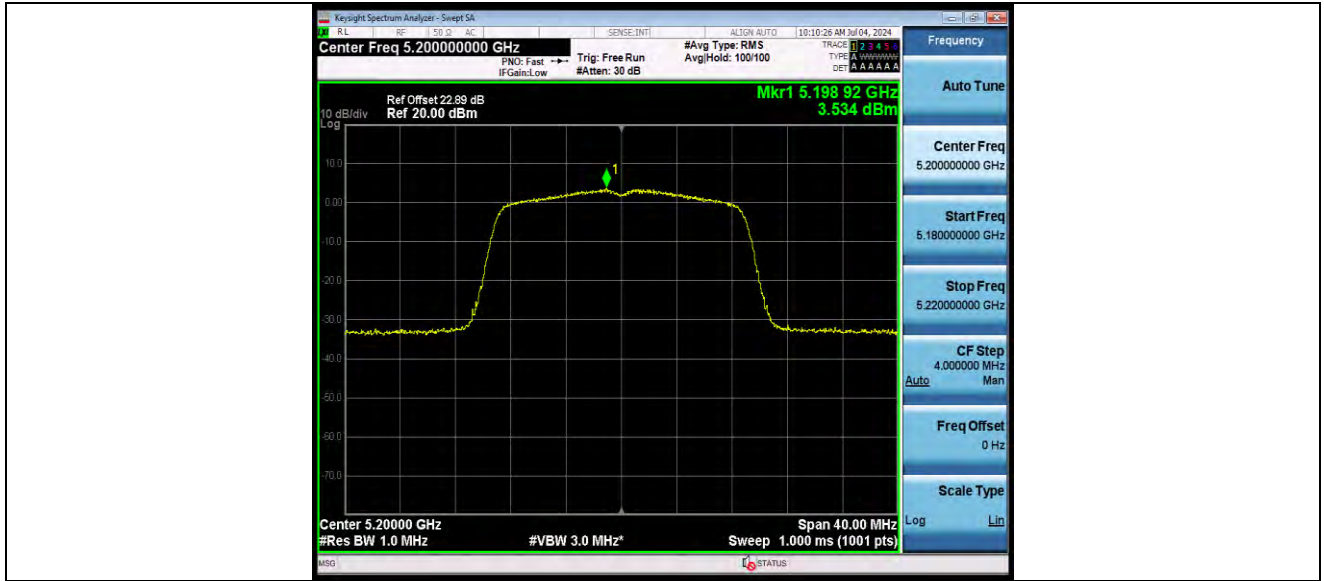


11N20SISO_Ant1_5200



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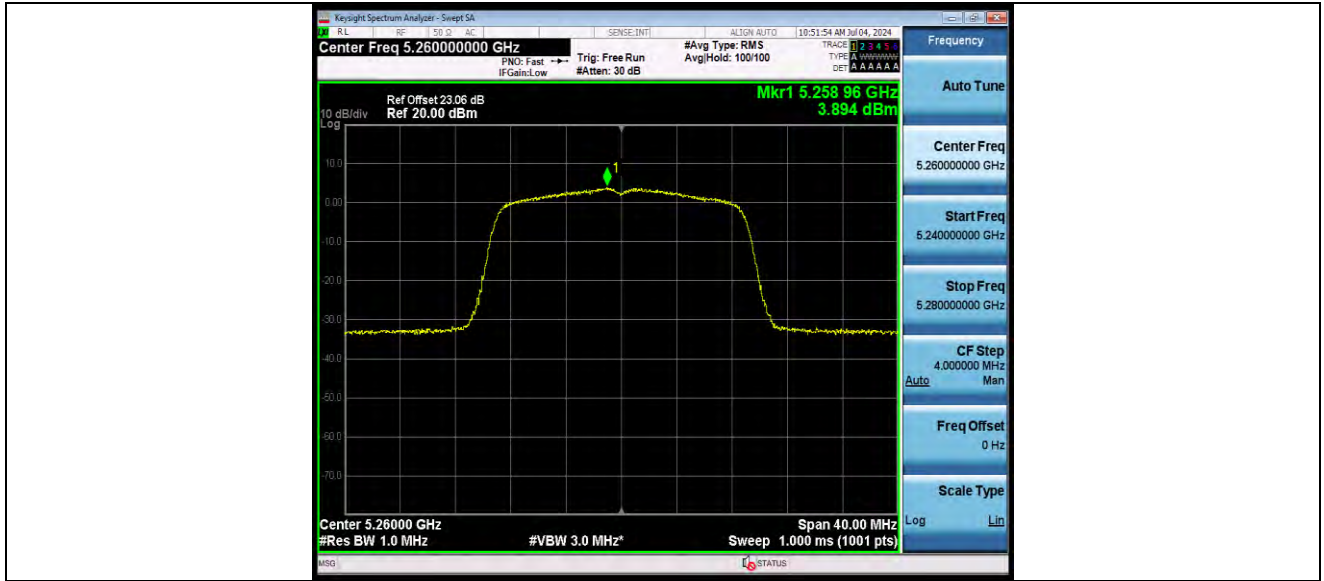
Test Report No.: W7L-P24050016RF03





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Test Report No.: W7L-P24050016RF03



11N20SISO_Ant1_5300

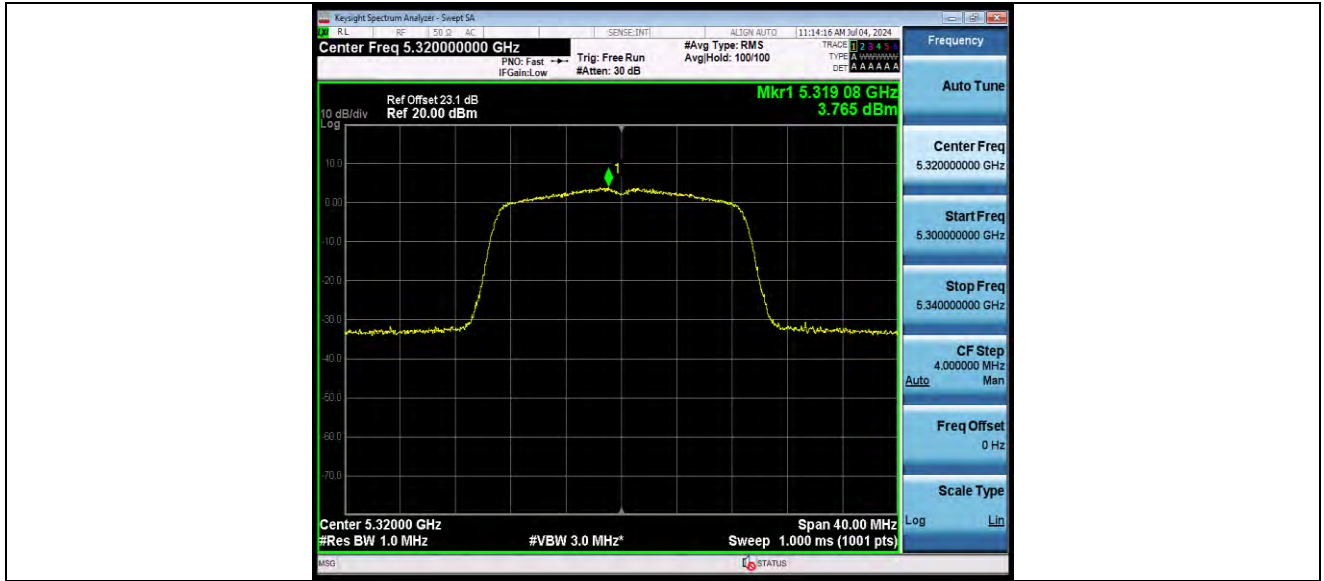


11N20SISO_Ant1_5320



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11N20SISO_Ant1_5500

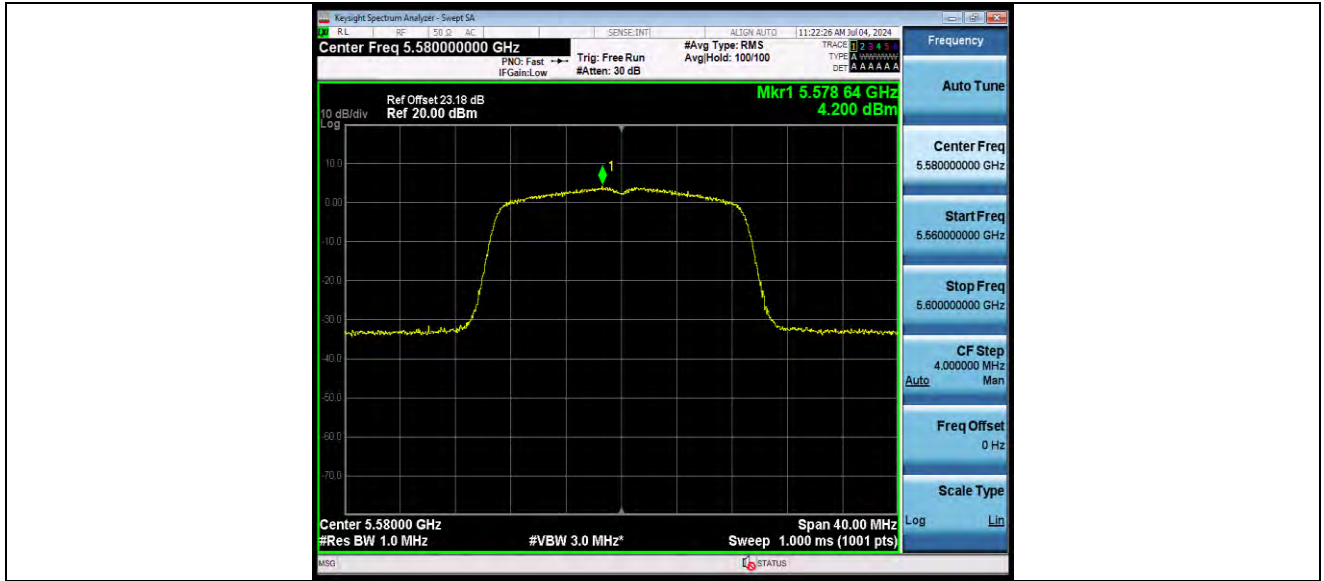


11N20SISO_Ant1_5580



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11N20SISO_Ant1_5700

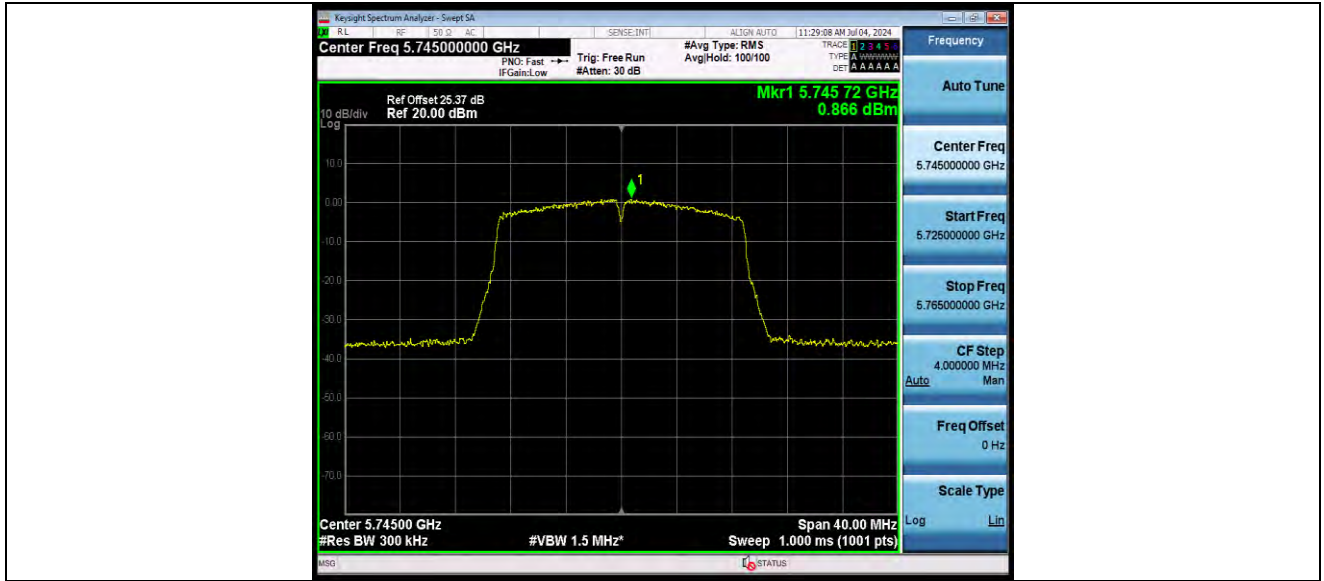


11N20SISO_Ant1_5745

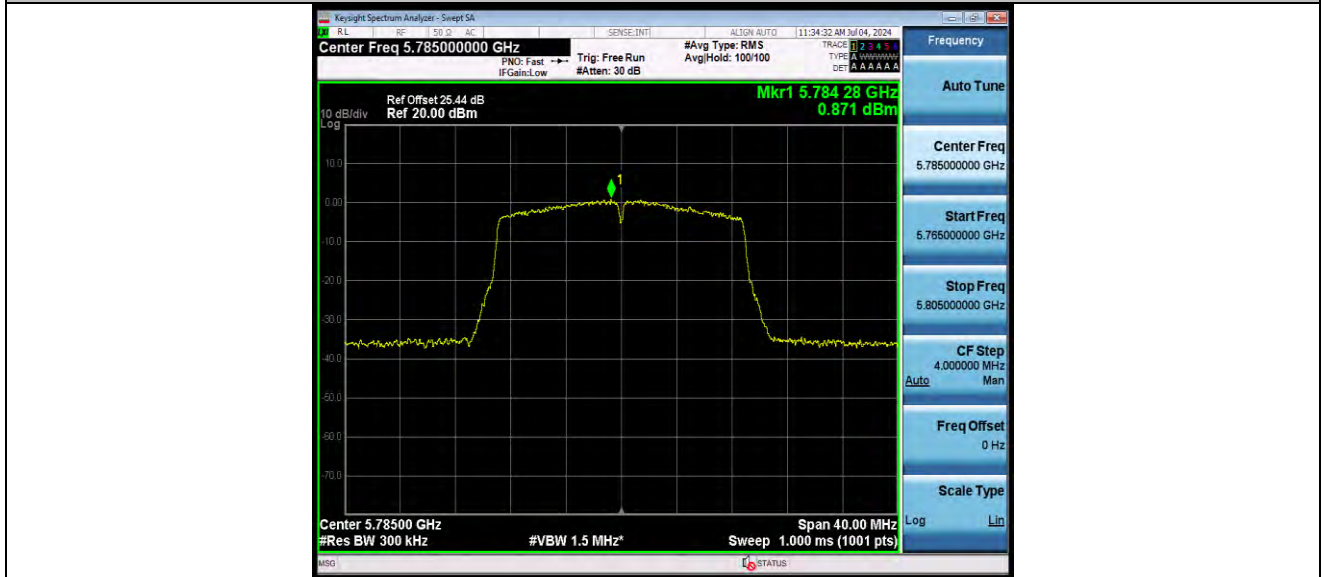


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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



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11N40SISO_Ant1_5190

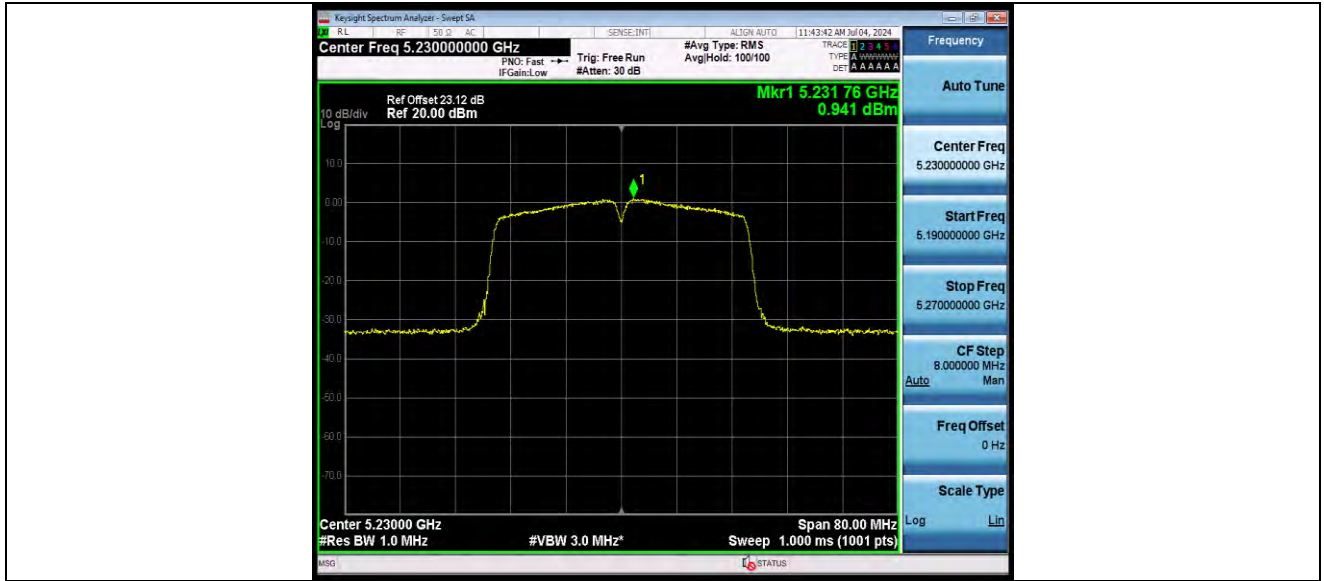


11N40SISO_Ant1_5230

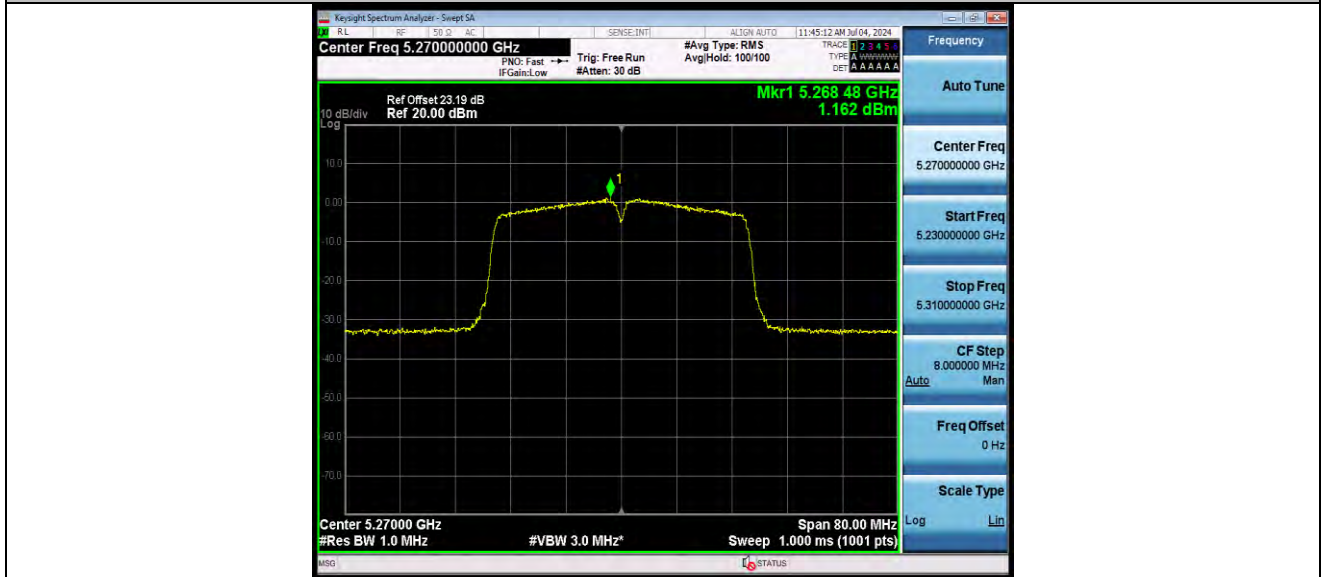


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Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5270

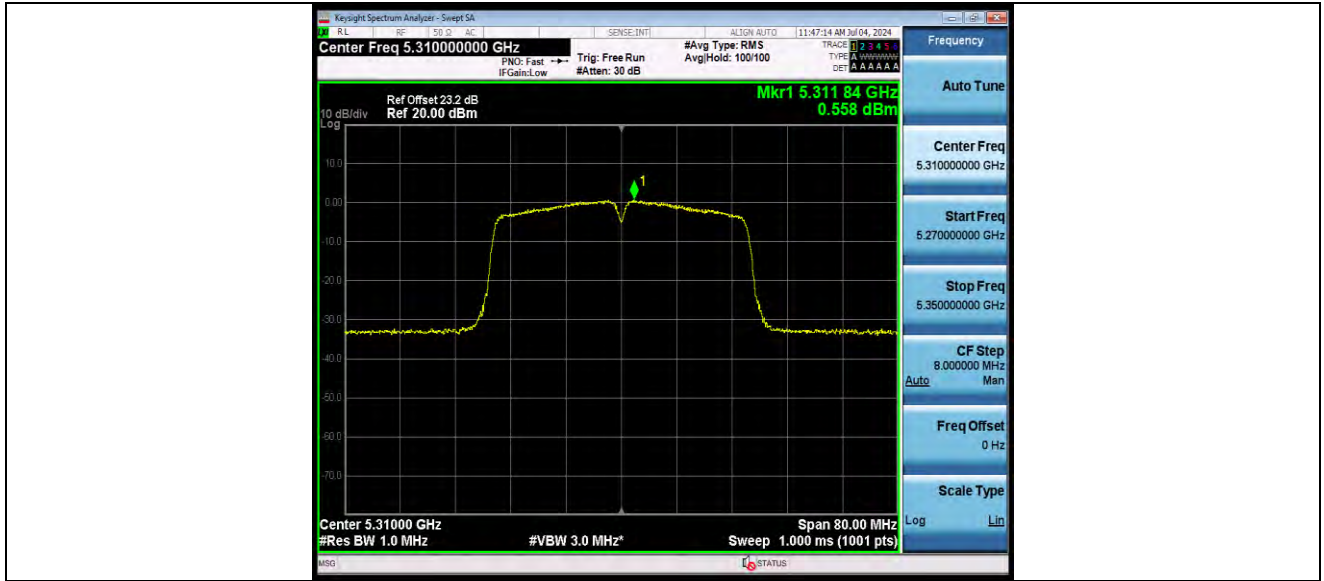


11N40SISO_Ant1_5310



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Test Report No.: W7L-P24050016RF03



11N40SISO_Ant1_5510

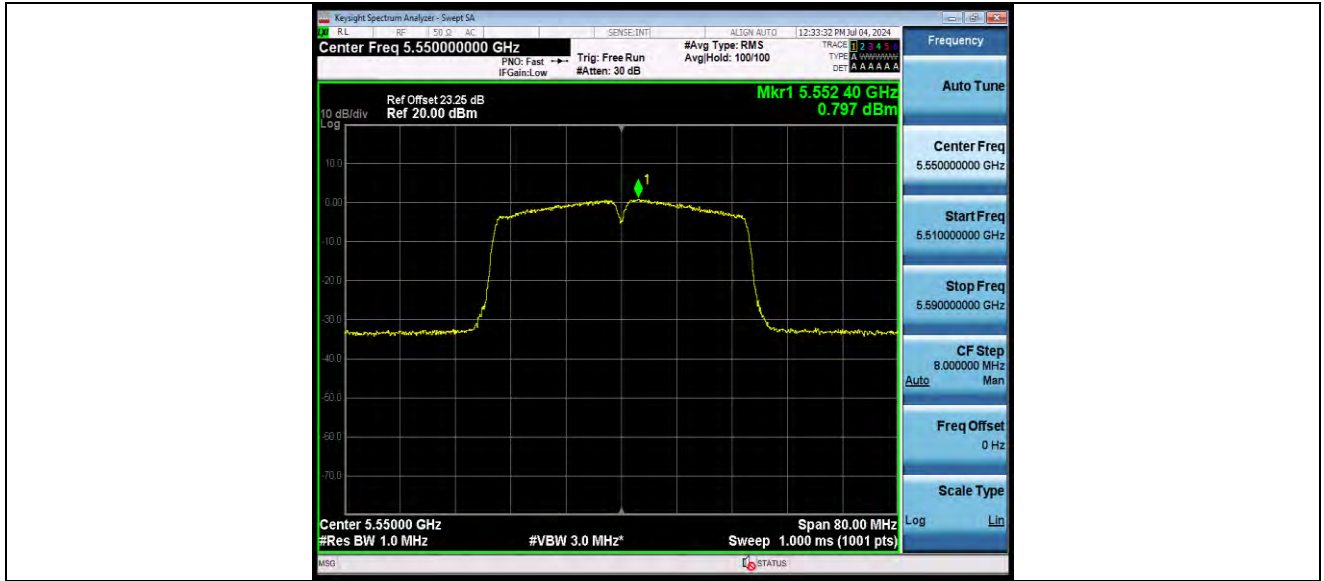


11N40SISO_Ant1_5550



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11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



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11N40SISO_Ant1_5795



11AC80SISO_Ant1_5210



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