

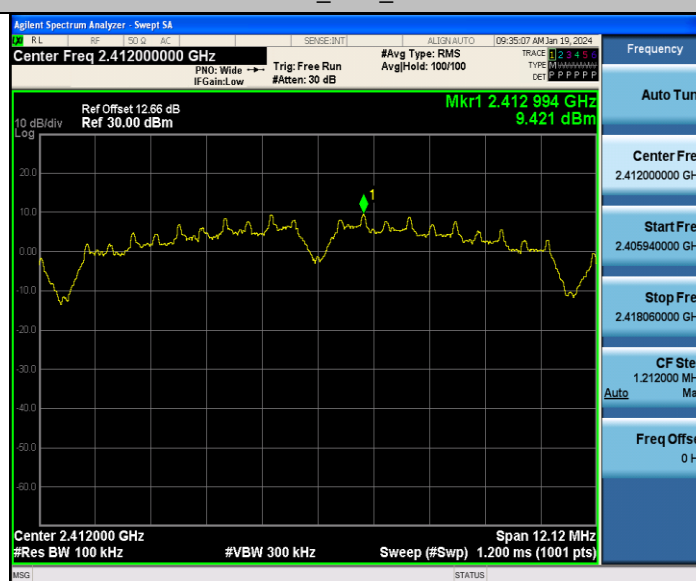
Appendix F: Conducted Spurious Emission

Test Result for Reference level:

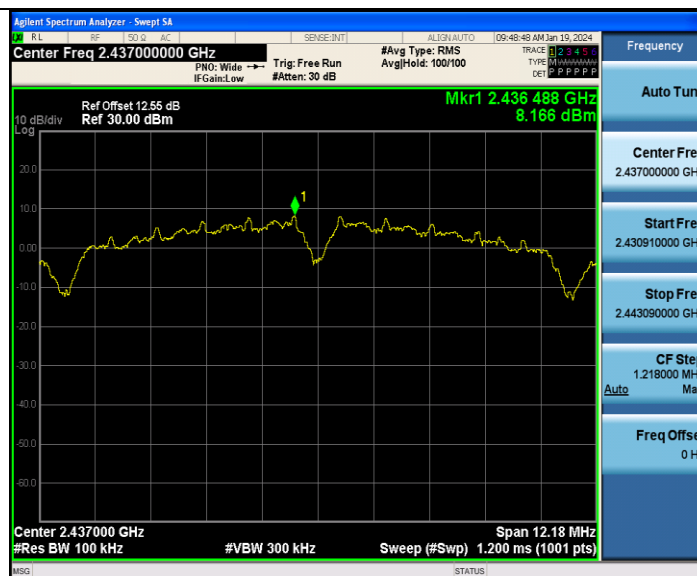
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.99	9.42
		2437	2436.49	8.17
		2462	2460.99	9.55
11G	Ant1	2412	2413.30	5.60
		2437	2438.20	3.75
		2462	2463.25	6.64
11N20SISO	Ant1	2412	2413.27	4.87
		2437	2438.24	4.50
		2462	2460.69	3.62
11N40SISO	Ant1	2422	2416.97	1.49
		2437	2420.73	-0.03
		2452	2455.73	0.71

Note : We have evaluated SISO, MIMO mode, shown in the report is the worst data.

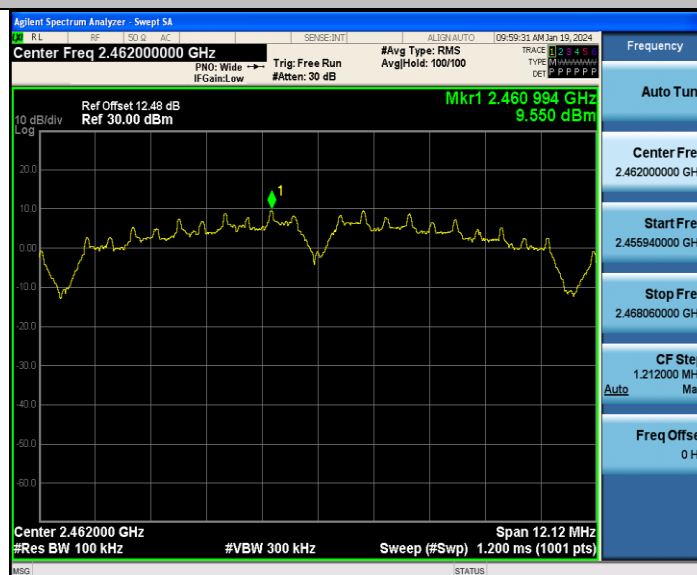
11B_Ant1_2412



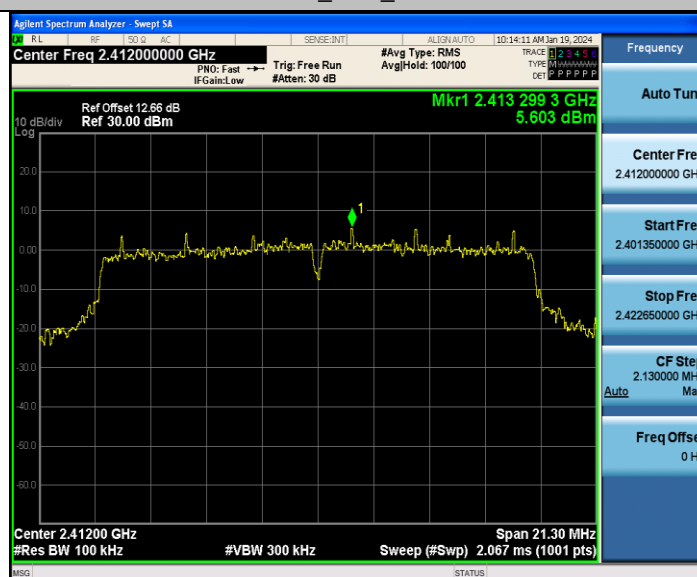
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



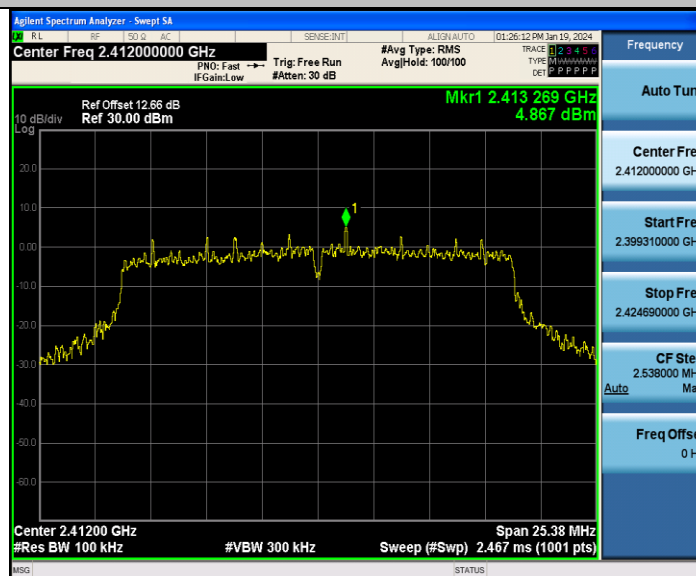
11G_Ant1_2437



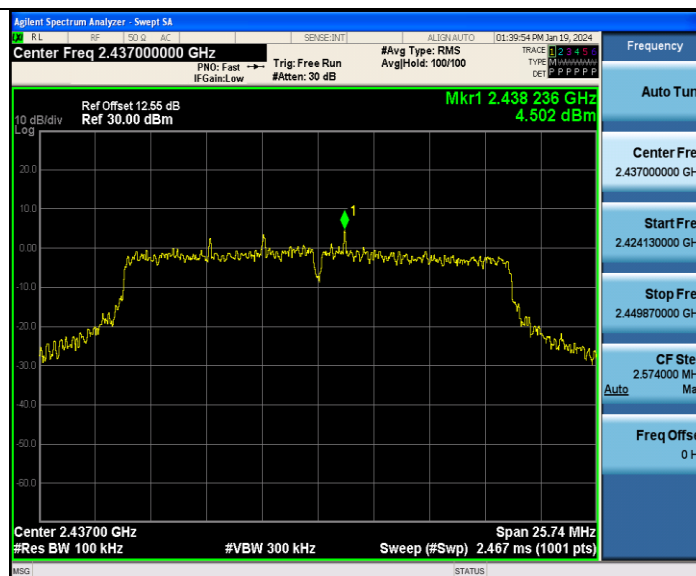
11G_Ant1_2462



11N20SISO_Ant1_2412



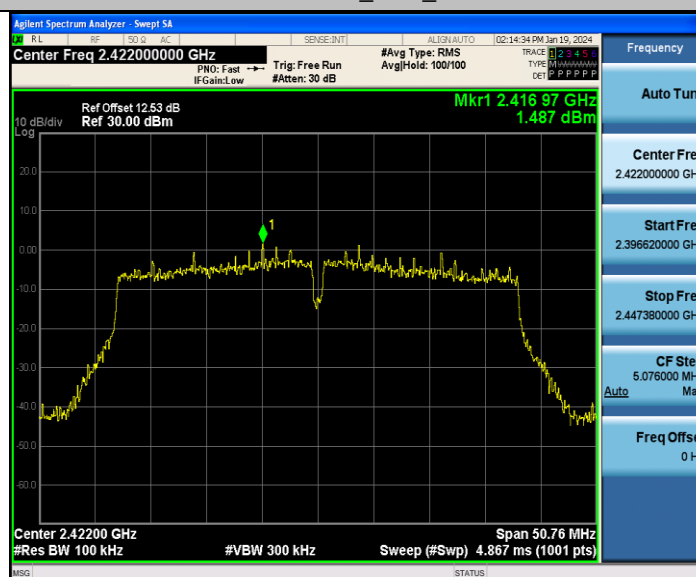
11N20SISO_Ant1_2437



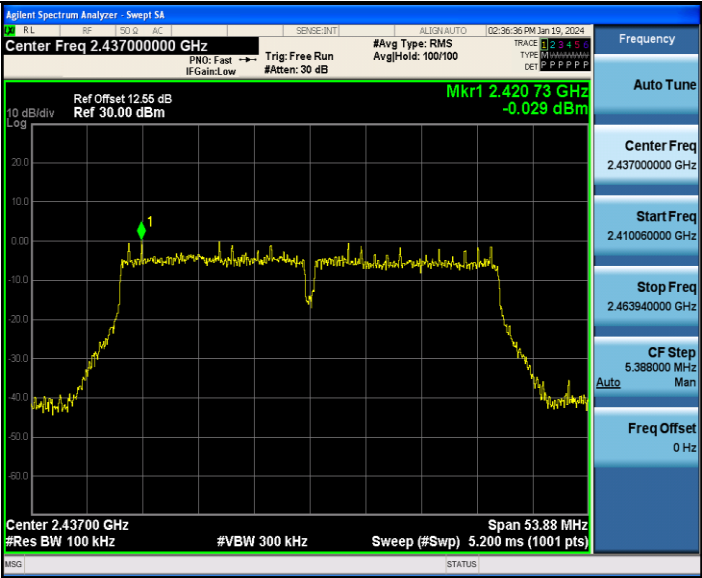
11N20SISO_Ant1_2462



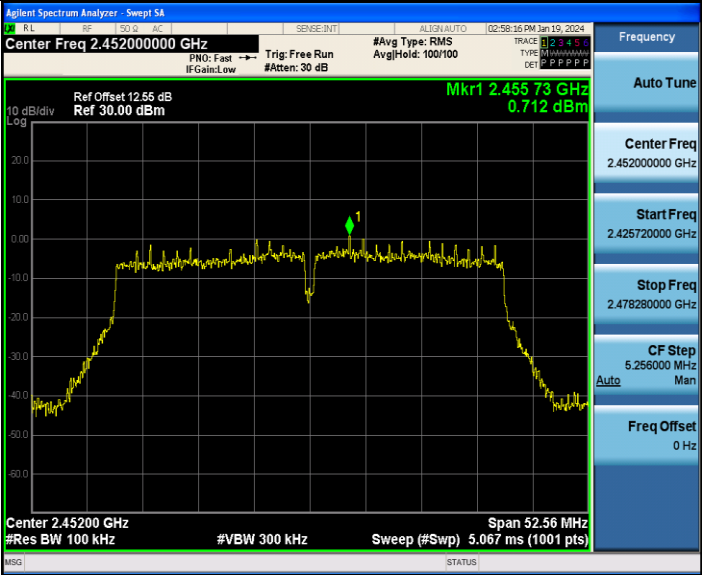
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

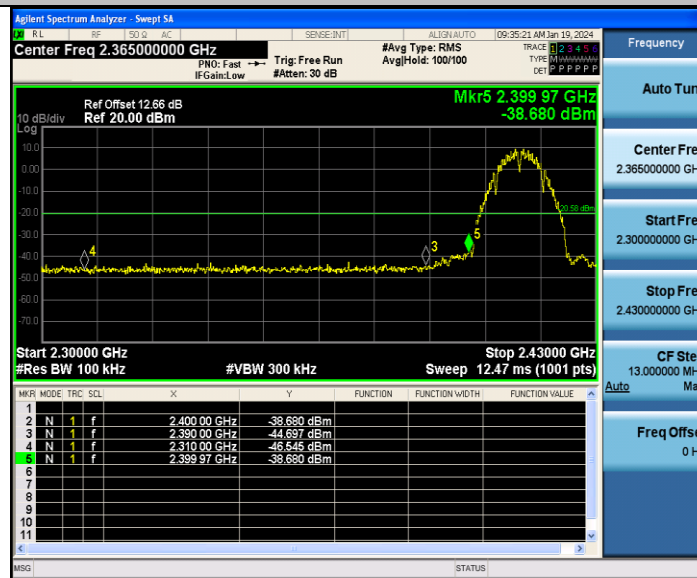


Test Result for Band edge:

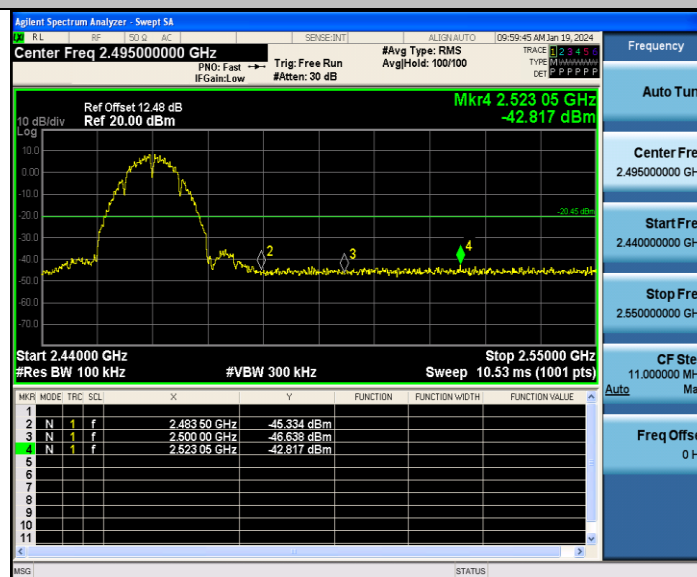
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.42	-38.68	≤-20.58	PASS
		High	2462	9.55	-42.82	≤-20.45	PASS
11G	Ant1	Low	2412	5.60	-25.27	≤-24.4	PASS
		High	2462	6.64	-42.88	≤-23.36	PASS
11N20SISO	Ant1	Low	2412	4.87	-26.67	≤-25.13	PASS
		High	2462	3.62	-42.33	≤-26.38	PASS
11N40SISO	Ant1	Low	2422	1.49	-36.72	≤-28.51	PASS
		High	2452	0.71	-39.23	≤-29.29	PASS

Note : We have evaluated SISO, MIMO mode, shown in the report is the worst data.

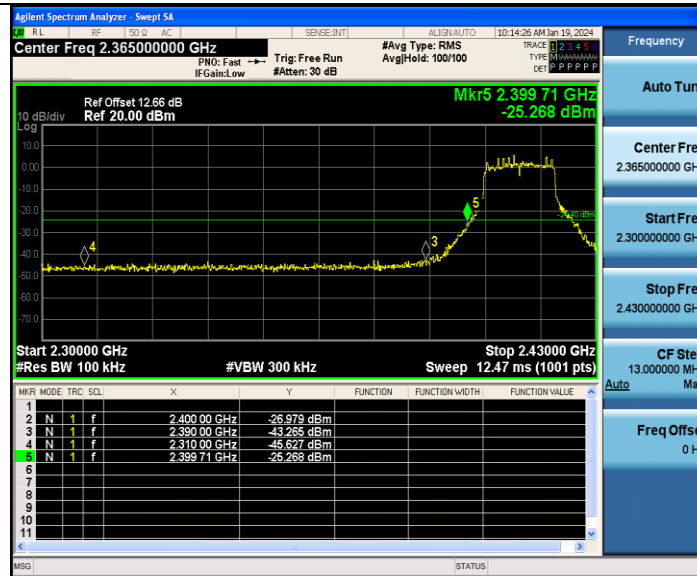
11B_Ant1_Low_2412



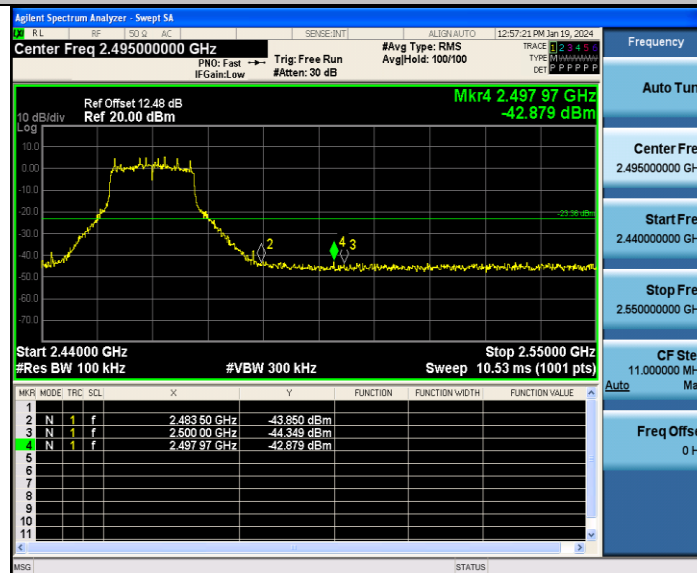
11B_Ant1_High_2462



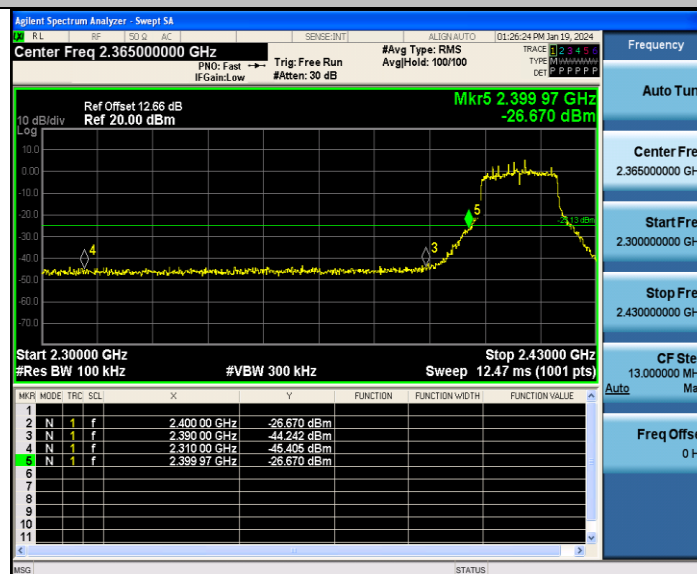
11G_Ant1_Low_2412



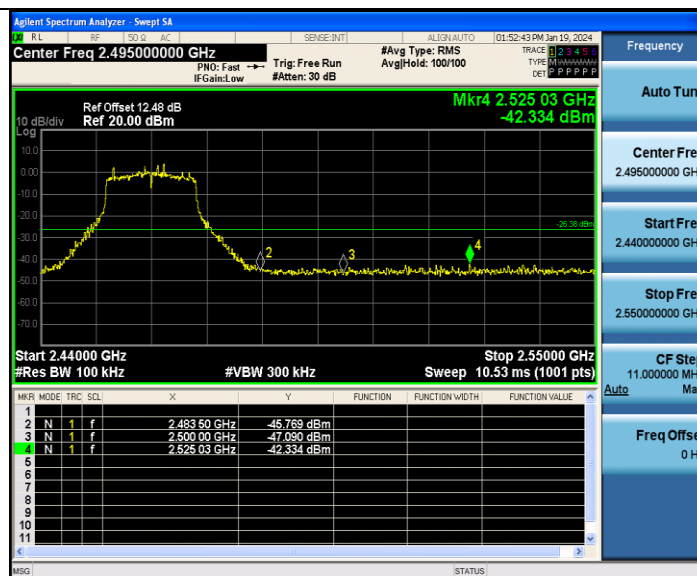
11G_Ant1_High_2462



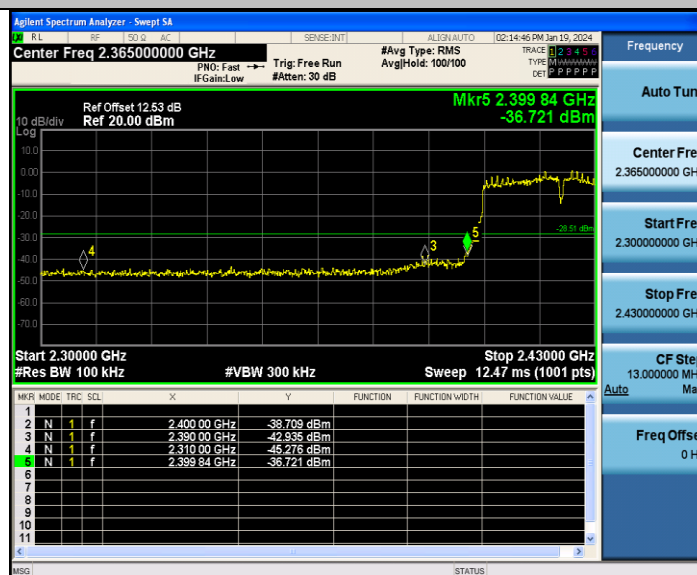
11N20SISO_Ant1_Low_2412



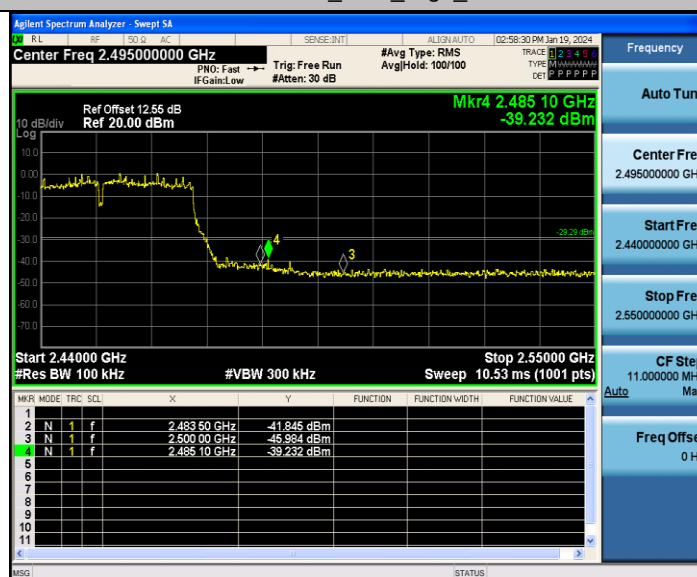
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Test Result for Spurious Emission:

TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	9.42	-52.4	≤-20.58	PASS
			1000~3000	9.42	-50.46	≤-20.58	PASS
			3000~5000	9.42	-49.18	≤-20.58	PASS
			5000~7000	9.42	-50.52	≤-20.58	PASS
			7000~9000	9.42	-51.32	≤-20.58	PASS
			9000~11000	9.42	-50.46	≤-20.58	PASS
			11000~13000	9.42	-49.46	≤-20.58	PASS
			13000~15000	9.42	-45.53	≤-20.58	PASS
			15000~17000	9.42	-43.82	≤-20.58	PASS
			17000~19000	9.42	-44.3	≤-20.58	PASS
			19000~21000	9.42	-42.89	≤-20.58	PASS
			21000~23000	9.42	-42.38	≤-20.58	PASS
			23000~25000	9.42	-39.24	≤-20.58	PASS
		2437	30~1000	8.17	-53.1	≤-21.83	PASS
			1000~3000	8.17	-50.42	≤-21.83	PASS
			3000~5000	8.17	-50	≤-21.83	PASS
			5000~7000	8.17	-50.25	≤-21.83	PASS
			7000~9000	8.17	-50.63	≤-21.83	PASS
			9000~11000	8.17	-50.57	≤-21.83	PASS
			11000~13000	8.17	-49.72	≤-21.83	PASS
			13000~15000	8.17	-46.4	≤-21.83	PASS
			15000~17000	8.17	-44.81	≤-21.83	PASS
			17000~19000	8.17	-43.85	≤-21.83	PASS
			19000~21000	8.17	-42.21	≤-21.83	PASS
			21000~23000	8.17	-42.77	≤-21.83	PASS
			23000~25000	8.17	-40.44	≤-21.83	PASS
		2462	30~1000	9.55	-52.39	≤-20.45	PASS
			1000~3000	9.55	-50.52	≤-20.45	PASS
			3000~5000	9.55	-49.27	≤-20.45	PASS
			5000~7000	9.55	-50.13	≤-20.45	PASS
			7000~9000	9.55	-51.31	≤-20.45	PASS
			9000~11000	9.55	-50.75	≤-20.45	PASS
			11000~13000	9.55	-49.19	≤-20.45	PASS
			13000~15000	9.55	-45.71	≤-20.45	PASS
			15000~17000	9.55	-44.68	≤-20.45	PASS
			17000~19000	9.55	-44.31	≤-20.45	PASS
			19000~21000	9.55	-42.72	≤-20.45	PASS
			21000~23000	9.55	-42.36	≤-20.45	PASS
			23000~25000	9.55	-41.14	≤-20.45	PASS
11G	Ant1	2412	30~1000	5.60	-51.85	≤-24.4	PASS
			1000~3000	5.60	-50.23	≤-24.4	PASS
			3000~5000	5.60	-49.45	≤-24.4	PASS
			5000~7000	5.60	-50.33	≤-24.4	PASS
			7000~9000	5.60	-51	≤-24.4	PASS
			9000~11000	5.60	-50.63	≤-24.4	PASS
			11000~13000	5.60	-49.57	≤-24.4	PASS

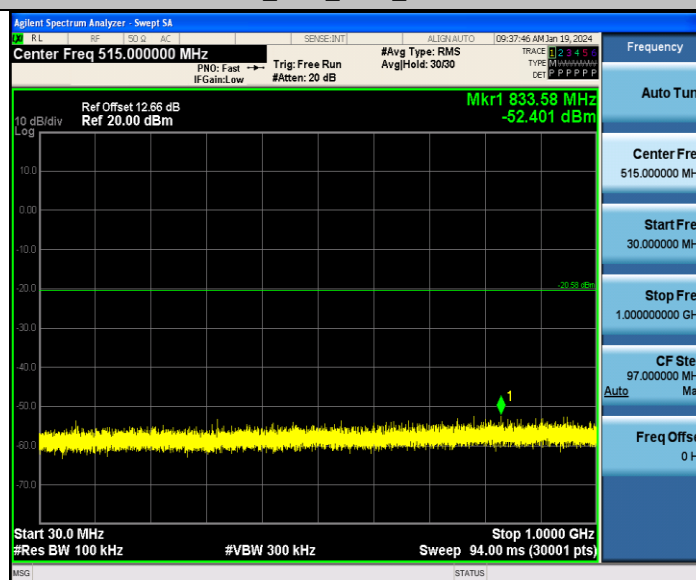
11N20SISO	Ant1		13000~15000	5.60	-45.79	≤ -24.4	PASS
			15000~17000	5.60	-44.2	≤ -24.4	PASS
			17000~19000	5.60	-44.02	≤ -24.4	PASS
			19000~21000	5.60	-41.98	≤ -24.4	PASS
			21000~23000	5.60	-42.13	≤ -24.4	PASS
			23000~25000	5.60	-40.98	≤ -24.4	PASS
		2437	30~1000	3.75	-49.99	≤ -26.25	PASS
			1000~3000	3.75	-50.73	≤ -26.25	PASS
			3000~5000	3.75	-49.84	≤ -26.25	PASS
			5000~7000	3.75	-48.72	≤ -26.25	PASS
			7000~9000	3.75	-51.4	≤ -26.25	PASS
			9000~11000	3.75	-50.52	≤ -26.25	PASS
			11000~13000	3.75	-49.44	≤ -26.25	PASS
			13000~15000	3.75	-46.27	≤ -26.25	PASS
			15000~17000	3.75	-43.94	≤ -26.25	PASS
			17000~19000	3.75	-44.25	≤ -26.25	PASS
			19000~21000	3.75	-43.12	≤ -26.25	PASS
			21000~23000	3.75	-41.96	≤ -26.25	PASS
			23000~25000	3.75	-39.83	≤ -26.25	PASS
		2462	30~1000	6.64	-53.07	≤ -23.36	PASS
			1000~3000	6.64	-50.68	≤ -23.36	PASS
			3000~5000	6.64	-49.67	≤ -23.36	PASS
			5000~7000	6.64	-50.1	≤ -23.36	PASS
			7000~9000	6.64	-50.45	≤ -23.36	PASS
			9000~11000	6.64	-50.36	≤ -23.36	PASS
			11000~13000	6.64	-50	≤ -23.36	PASS
			13000~15000	6.64	-46.16	≤ -23.36	PASS
			15000~17000	6.64	-44.4	≤ -23.36	PASS
			17000~19000	6.64	-44.44	≤ -23.36	PASS
			19000~21000	6.64	-42.85	≤ -23.36	PASS
			21000~23000	6.64	-42.81	≤ -23.36	PASS
			23000~25000	6.64	-40.92	≤ -23.36	PASS
	Ant1	2412	30~1000	4.87	-52.86	≤ -25.13	PASS
			1000~3000	4.87	-50.88	≤ -25.13	PASS
			3000~5000	4.87	-49.5	≤ -25.13	PASS
			5000~7000	4.87	-50.07	≤ -25.13	PASS
			7000~9000	4.87	-50.75	≤ -25.13	PASS
			9000~11000	4.87	-50.08	≤ -25.13	PASS
			11000~13000	4.87	-48.73	≤ -25.13	PASS
			13000~15000	4.87	-45.54	≤ -25.13	PASS
			15000~17000	4.87	-44.31	≤ -25.13	PASS
			17000~19000	4.87	-44.2	≤ -25.13	PASS
			19000~21000	4.87	-42.37	≤ -25.13	PASS
			21000~23000	4.87	-42.57	≤ -25.13	PASS
			23000~25000	4.87	-40.67	≤ -25.13	PASS
		2437	30~1000	4.50	-52.19	≤ -25.5	PASS
			1000~3000	4.50	-50.81	≤ -25.5	PASS
			3000~5000	4.50	-48.91	≤ -25.5	PASS
			5000~7000	4.50	-49.57	≤ -25.5	PASS
			7000~9000	4.50	-50.22	≤ -25.5	PASS

			9000~11000	4.50	-48.89	≤ -25.5	PASS
			11000~13000	4.50	-49.87	≤ -25.5	PASS
			13000~15000	4.50	-46.18	≤ -25.5	PASS
			15000~17000	4.50	-44.39	≤ -25.5	PASS
			17000~19000	4.50	-43.62	≤ -25.5	PASS
			19000~21000	4.50	-41.99	≤ -25.5	PASS
			21000~23000	4.50	-41.98	≤ -25.5	PASS
			23000~25000	4.50	-40.02	≤ -25.5	PASS
		2462	30~1000	3.62	-52.64	≤ -26.38	PASS
			1000~3000	3.62	-51.01	≤ -26.38	PASS
			3000~5000	3.62	-49.59	≤ -26.38	PASS
			5000~7000	3.62	-50.18	≤ -26.38	PASS
			7000~9000	3.62	-51.44	≤ -26.38	PASS
			9000~11000	3.62	-50.37	≤ -26.38	PASS
			11000~13000	3.62	-49.45	≤ -26.38	PASS
			13000~15000	3.62	-45.86	≤ -26.38	PASS
			15000~17000	3.62	-45.14	≤ -26.38	PASS
			17000~19000	3.62	-43.87	≤ -26.38	PASS
			19000~21000	3.62	-42.88	≤ -26.38	PASS
			21000~23000	3.62	-42.29	≤ -26.38	PASS
			23000~25000	3.62	-41.43	≤ -26.38	PASS
11N40SISO	Ant1	2422	30~1000	1.49	-52.21	≤ -28.51	PASS
			1000~3000	1.49	-51.04	≤ -28.51	PASS
			3000~5000	1.49	-49.4	≤ -28.51	PASS
			5000~7000	1.49	-50.57	≤ -28.51	PASS
			7000~9000	1.49	-51.32	≤ -28.51	PASS
			9000~11000	1.49	-50.24	≤ -28.51	PASS
			11000~13000	1.49	-49.66	≤ -28.51	PASS
			13000~15000	1.49	-46.17	≤ -28.51	PASS
			15000~17000	1.49	-43.69	≤ -28.51	PASS
			17000~19000	1.49	-44.21	≤ -28.51	PASS
			19000~21000	1.49	-42.37	≤ -28.51	PASS
			21000~23000	1.49	-42.57	≤ -28.51	PASS
			23000~25000	1.49	-41.27	≤ -28.51	PASS
		2437	30~1000	-0.03	-51.87	≤ -30.03	PASS
			1000~3000	-0.03	-50.79	≤ -30.03	PASS
			3000~5000	-0.03	-50.03	≤ -30.03	PASS
			5000~7000	-0.03	-49.57	≤ -30.03	PASS
			7000~9000	-0.03	-50.79	≤ -30.03	PASS
			9000~11000	-0.03	-50.53	≤ -30.03	PASS
			11000~13000	-0.03	-48.8	≤ -30.03	PASS
			13000~15000	-0.03	-46.2	≤ -30.03	PASS
			15000~17000	-0.03	-44.64	≤ -30.03	PASS
			17000~19000	-0.03	-44.01	≤ -30.03	PASS
			19000~21000	-0.03	-42.77	≤ -30.03	PASS
			21000~23000	-0.03	-41.84	≤ -30.03	PASS
			23000~25000	-0.03	-40.67	≤ -30.03	PASS
		2452	30~1000	0.71	-52.93	≤ -29.29	PASS
			1000~3000	0.71	-50.82	≤ -29.29	PASS
			3000~5000	0.71	-49.35	≤ -29.29	PASS

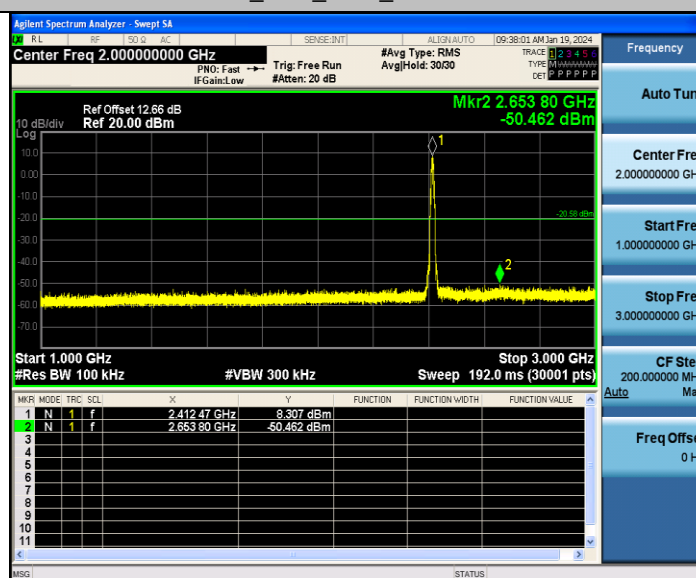
			5000~7000	0.71	-49.75	≤-29.29	PASS
			7000~9000	0.71	-51.58	≤-29.29	PASS
			9000~11000	0.71	-50.67	≤-29.29	PASS
			11000~13000	0.71	-49.92	≤-29.29	PASS
			13000~15000	0.71	-46.17	≤-29.29	PASS
			15000~17000	0.71	-44.71	≤-29.29	PASS
			17000~19000	0.71	-43.79	≤-29.29	PASS
			19000~21000	0.71	-43.14	≤-29.29	PASS
			21000~23000	0.71	-42.14	≤-29.29	PASS
			23000~25000	0.71	-41.34	≤-29.29	PASS

Note : We have evaluated SISO, MIMO mode, shown in the report is the worst data.

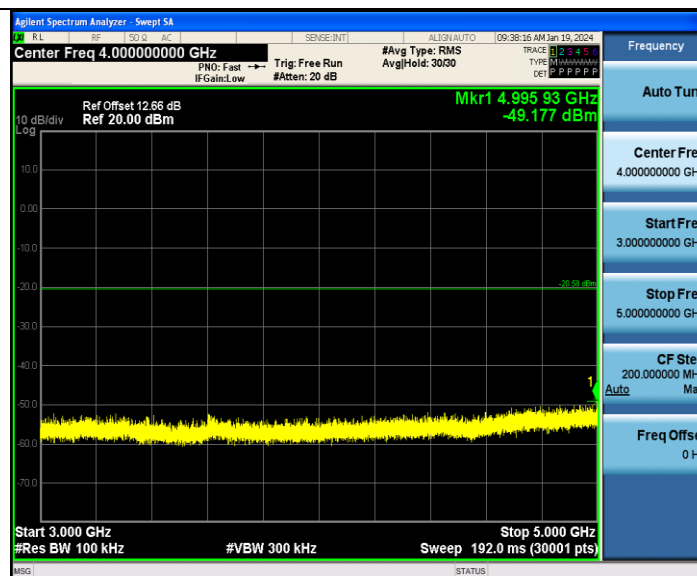
11B_Ant1_2412_30~1000



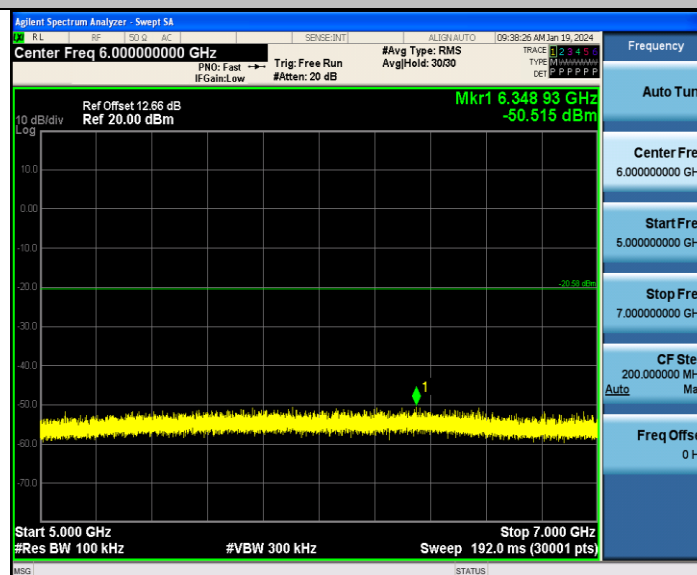
11B_Ant1_2412_1000~3000



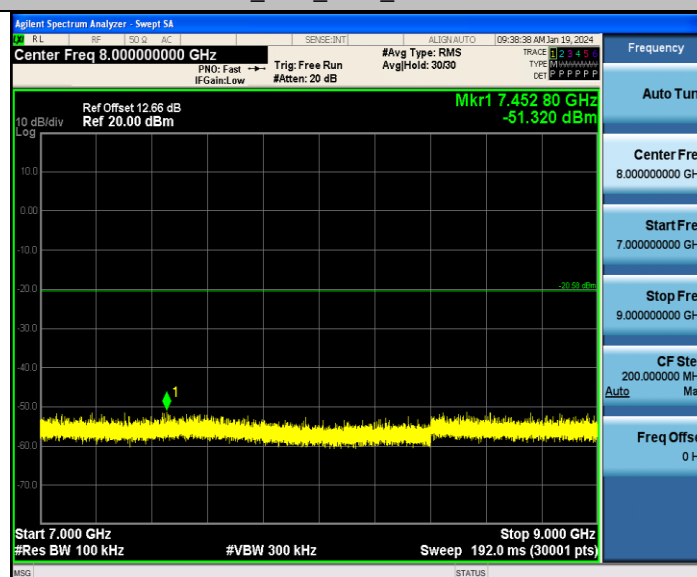
11B_Ant1_2412_3000~5000



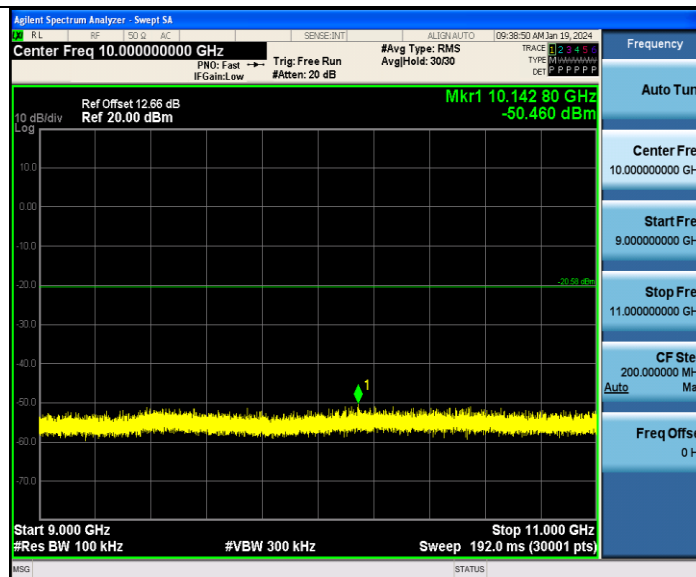
11B_Ant1_2412_5000~7000



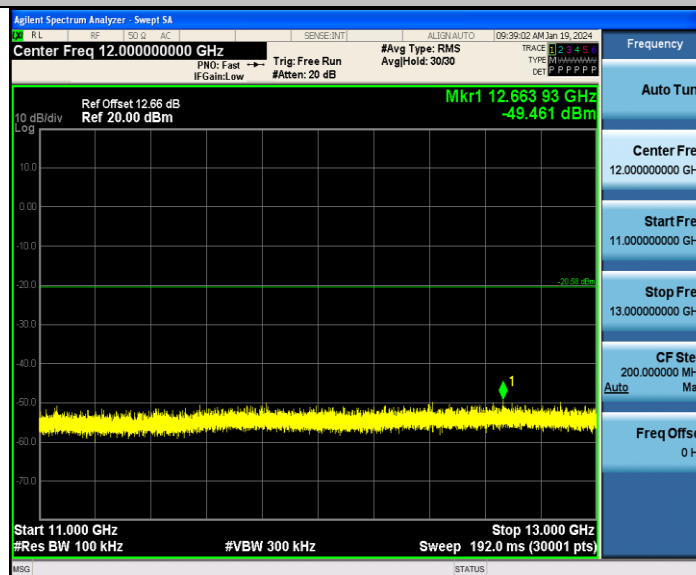
11B_Ant1_2412_7000~9000



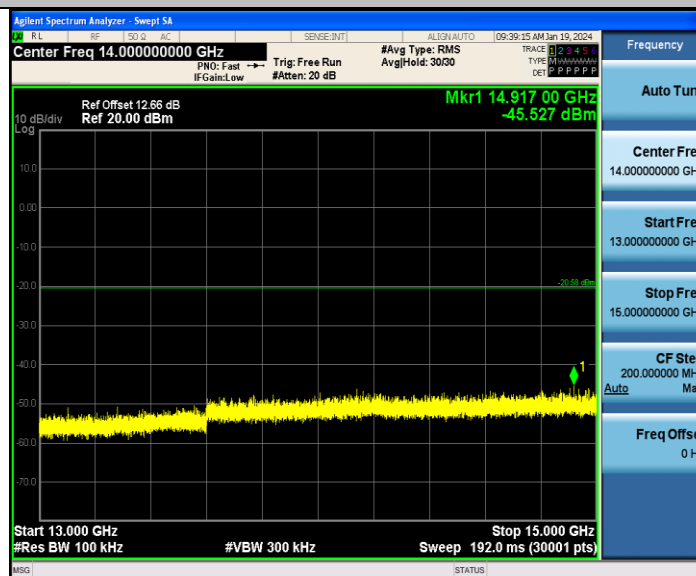
11B_Ant1_2412_9000~11000



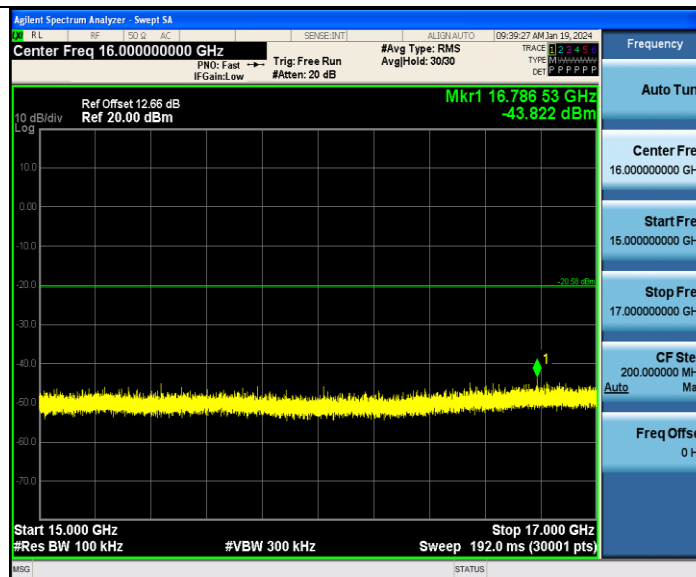
11B_Ant1_2412_11000~13000



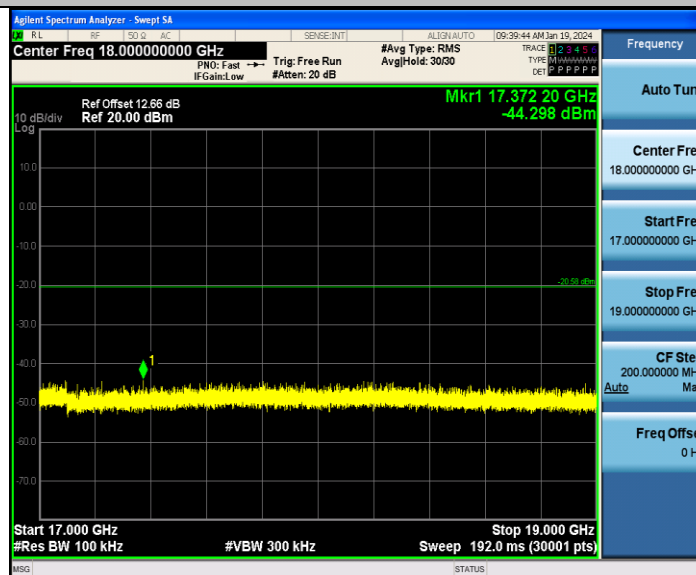
11B_Ant1_2412_13000~15000



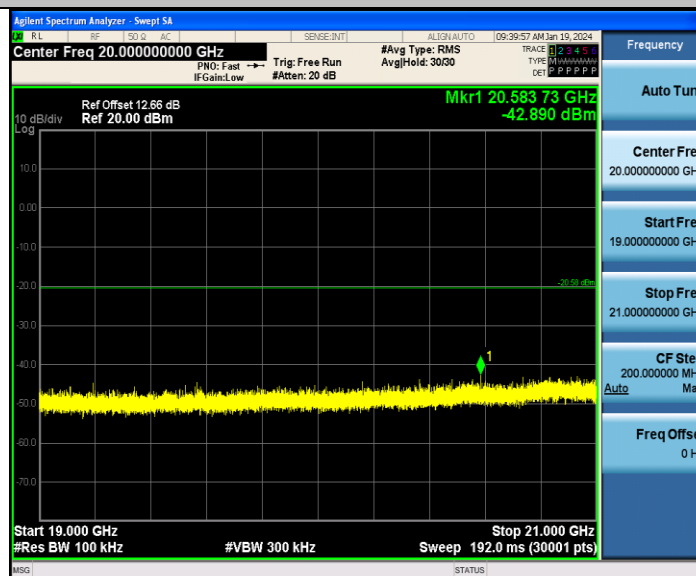
11B_Ant1_2412_15000~17000



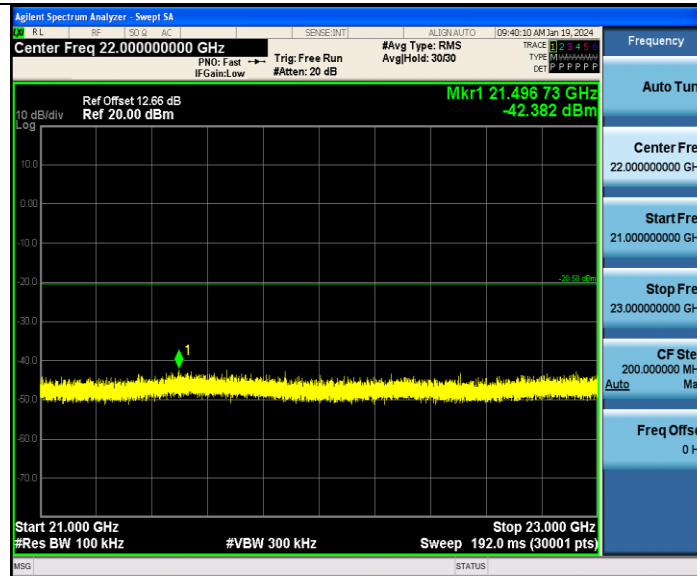
11B_Ant1_2412_17000~19000



11B_Ant1_2412_19000~21000



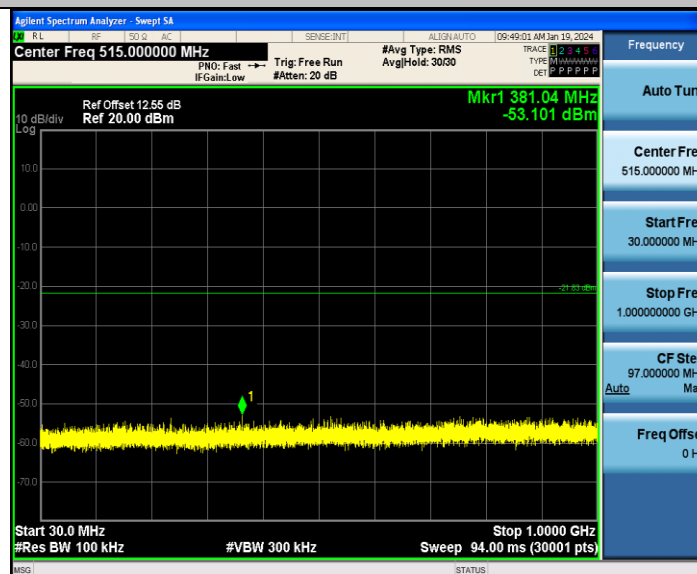
11B_Ant1_2412_21000~23000



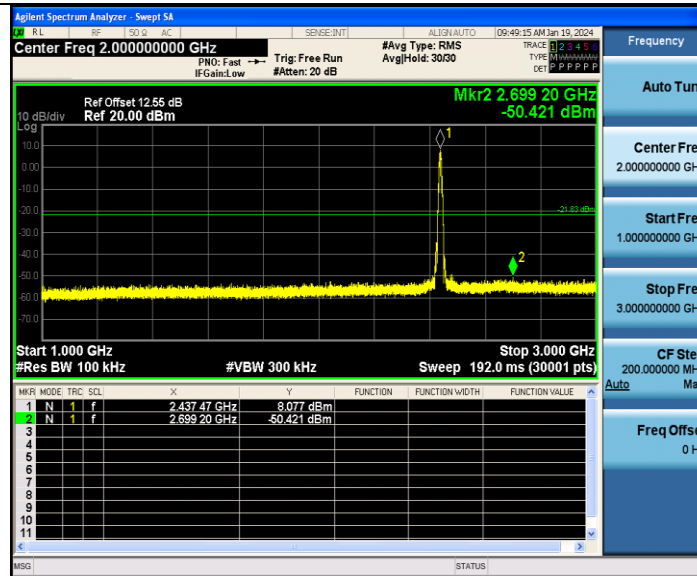
11B_Ant1_2412_23000~25000



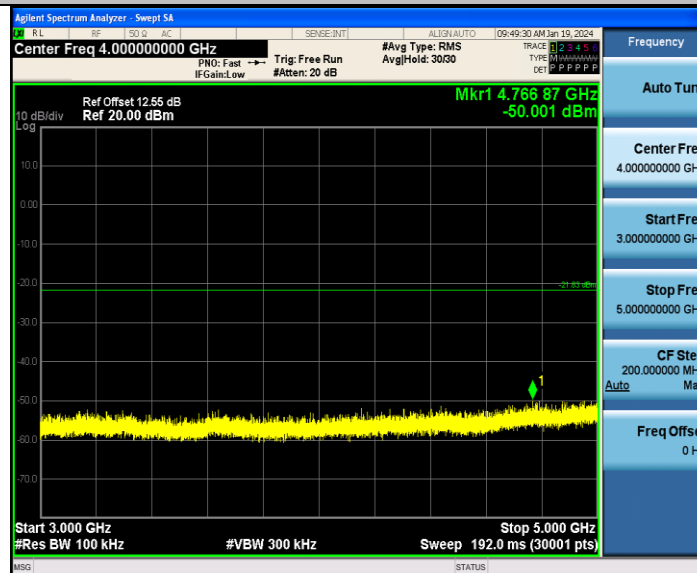
11B_Ant1_2437_30~1000



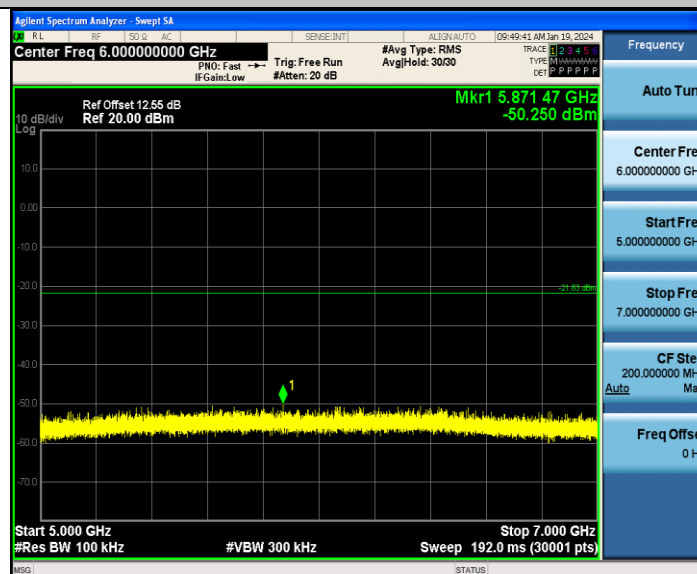
11B_Ant1_2437_1000~3000



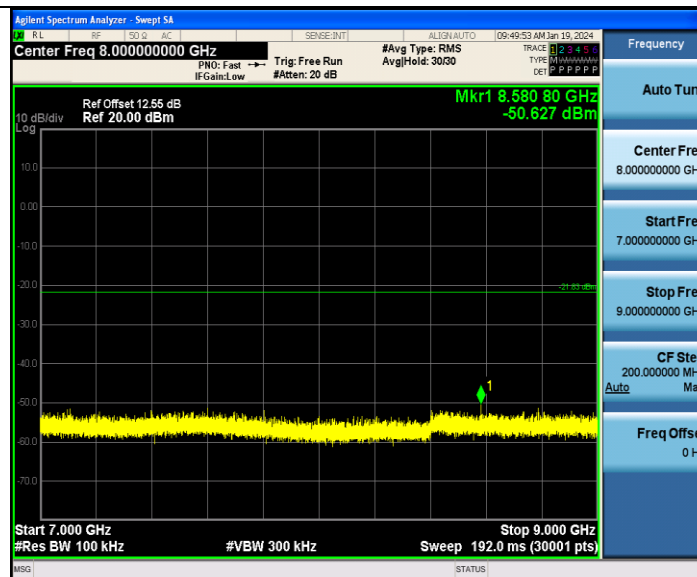
11B_Ant1_2437_3000~5000



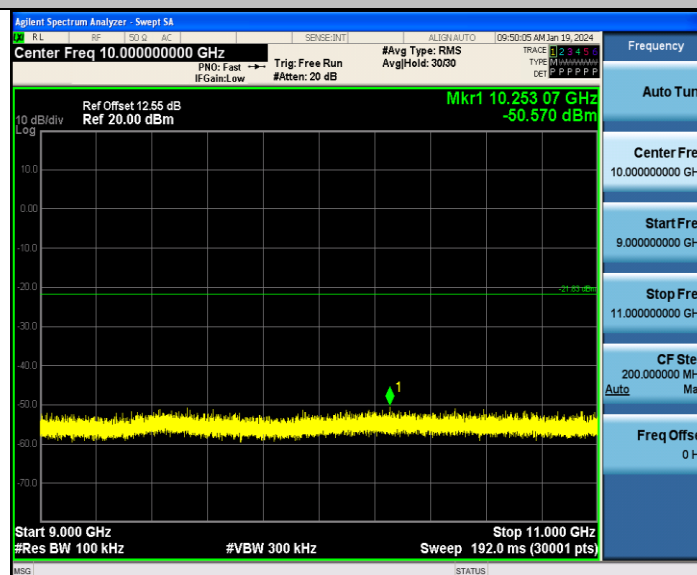
11B_Ant1_2437_5000~7000



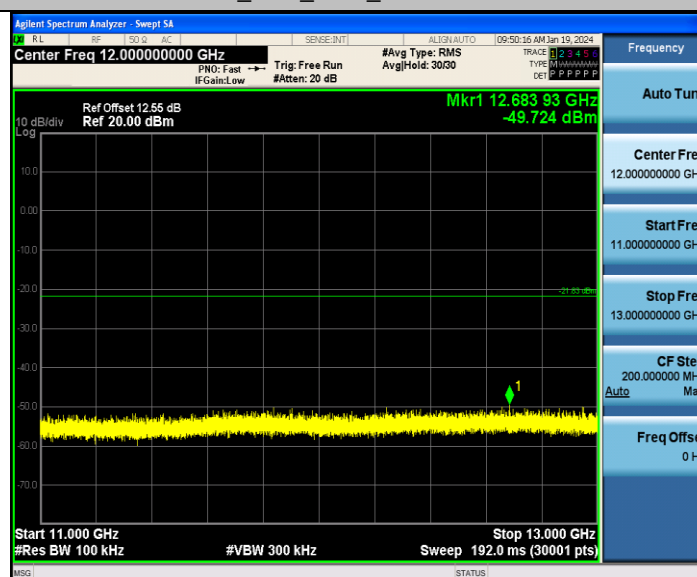
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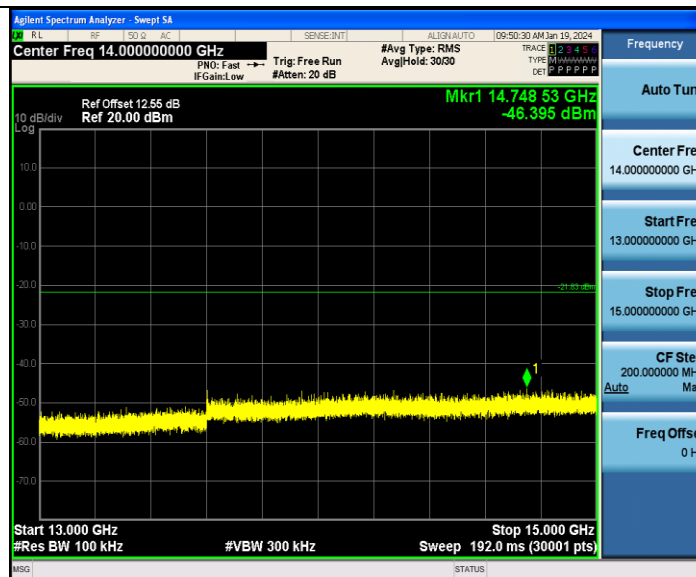
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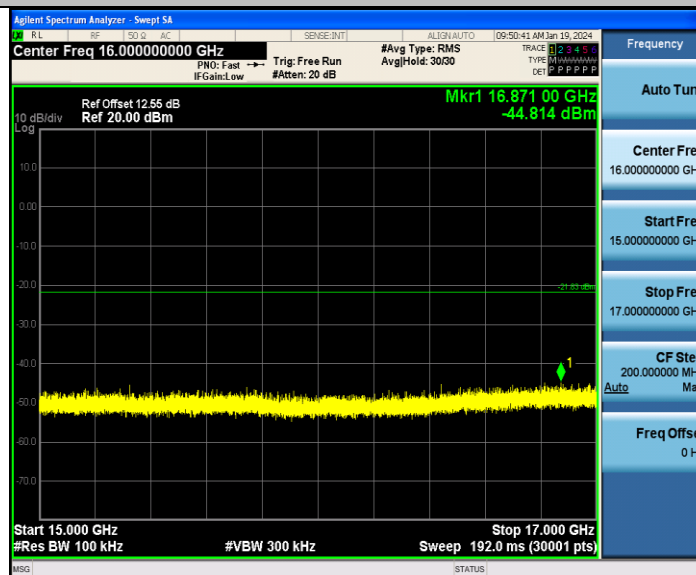
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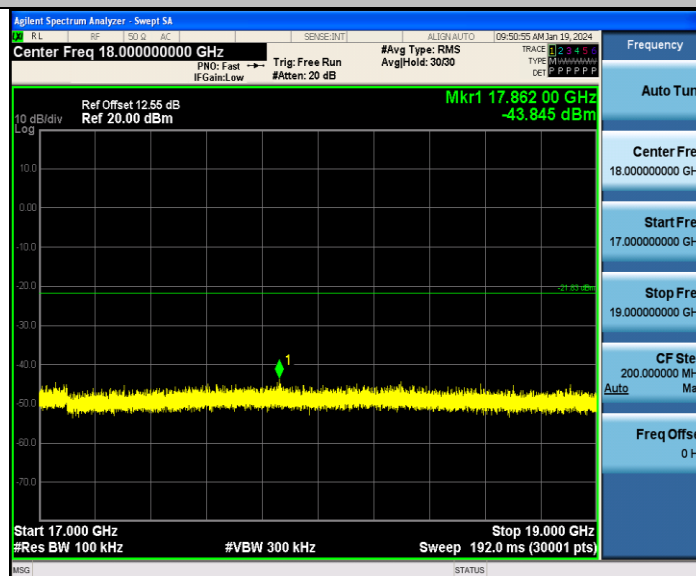
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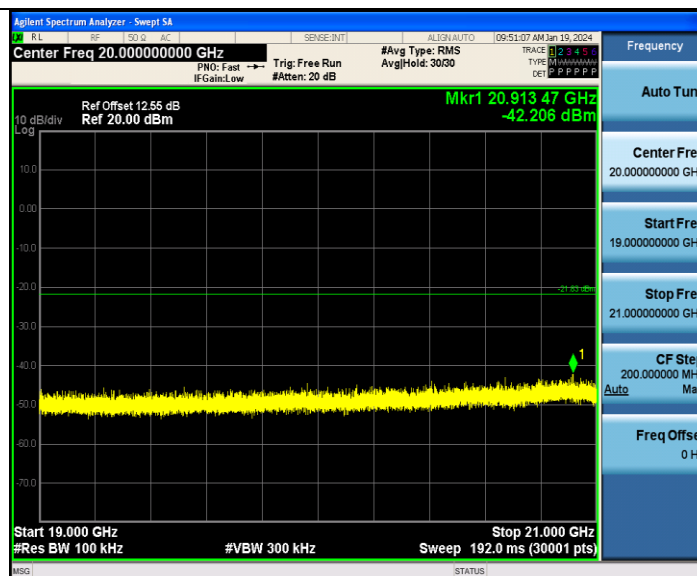
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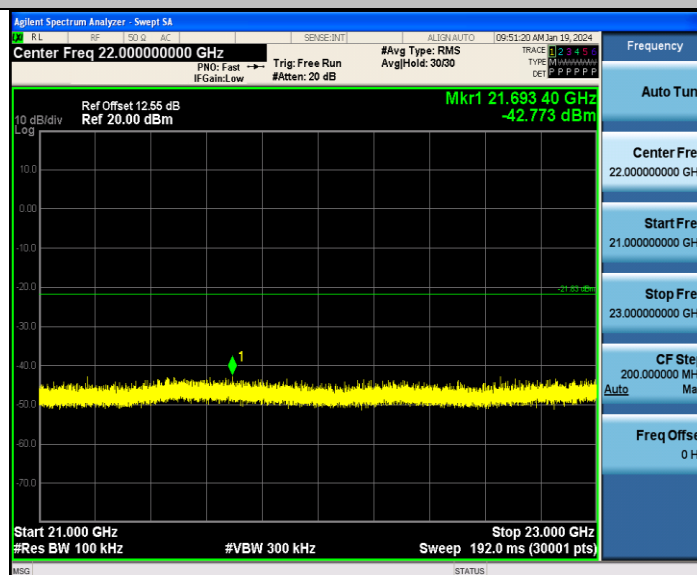
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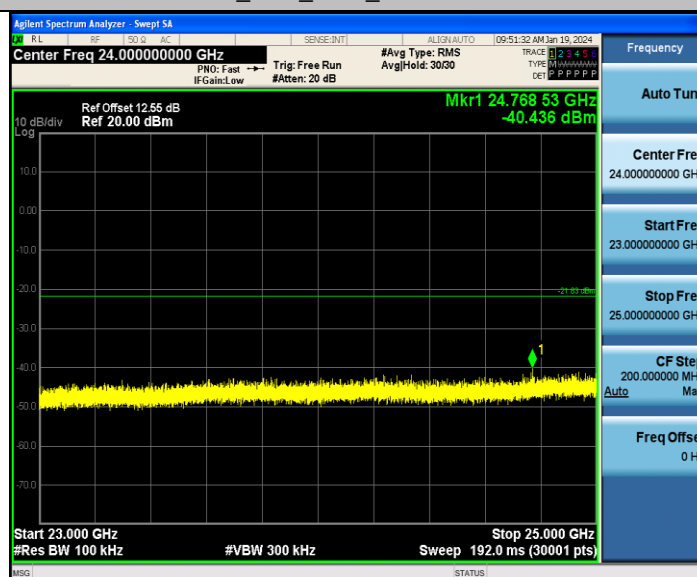
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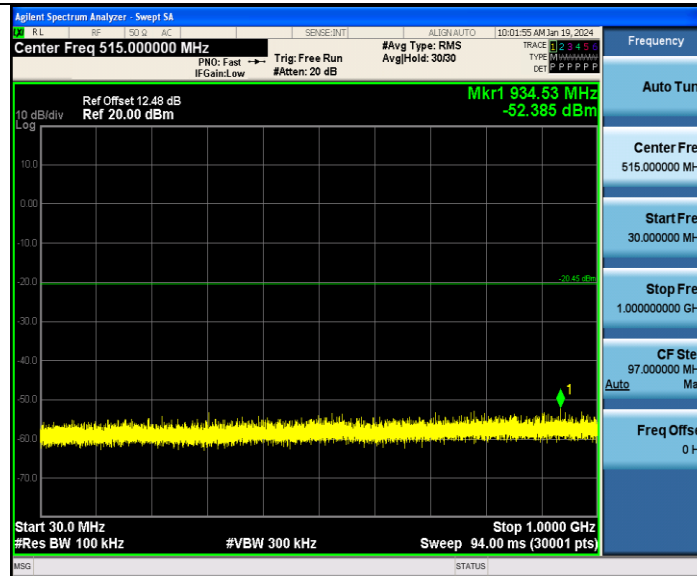
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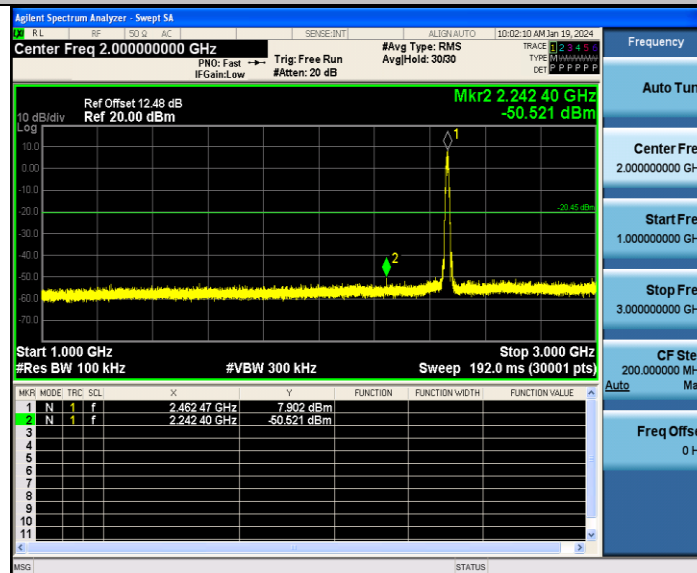
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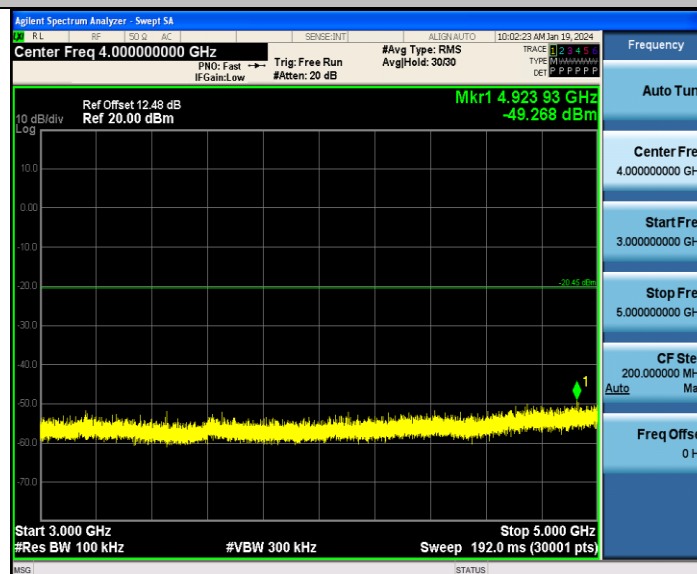
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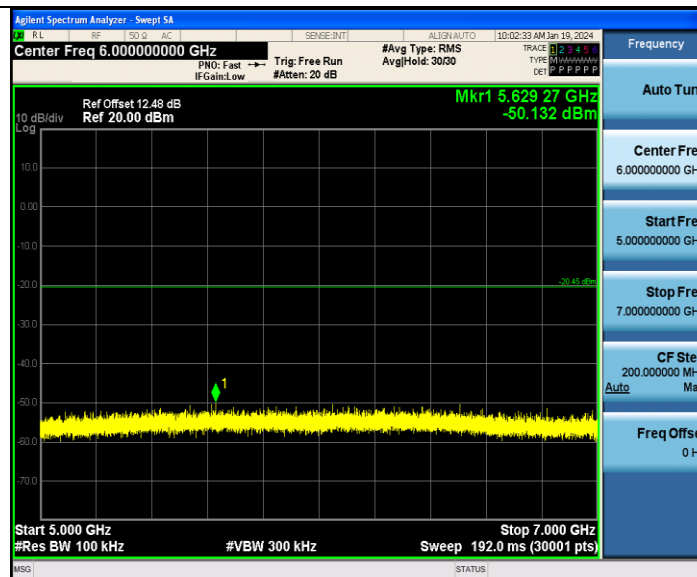
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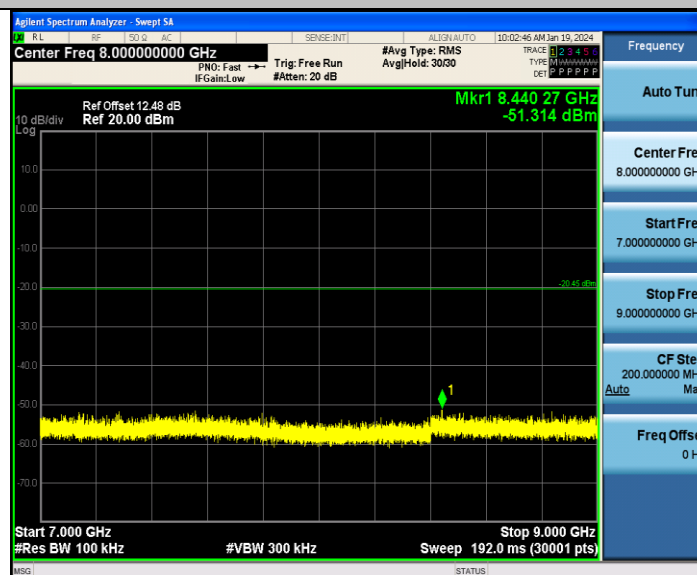
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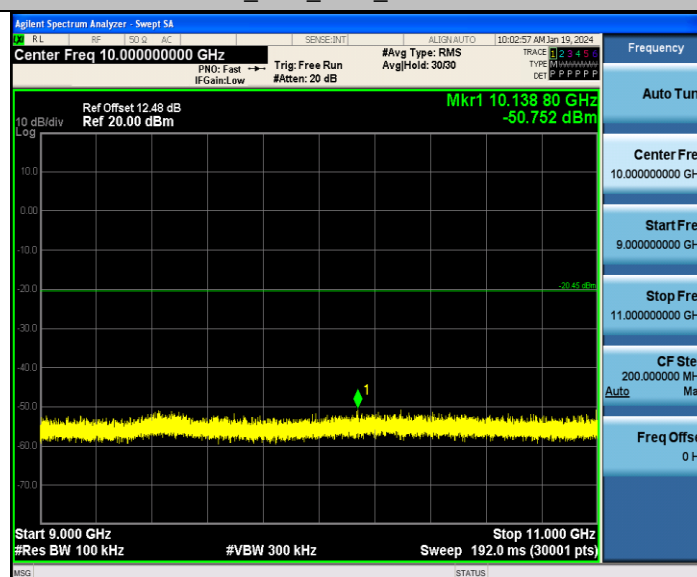
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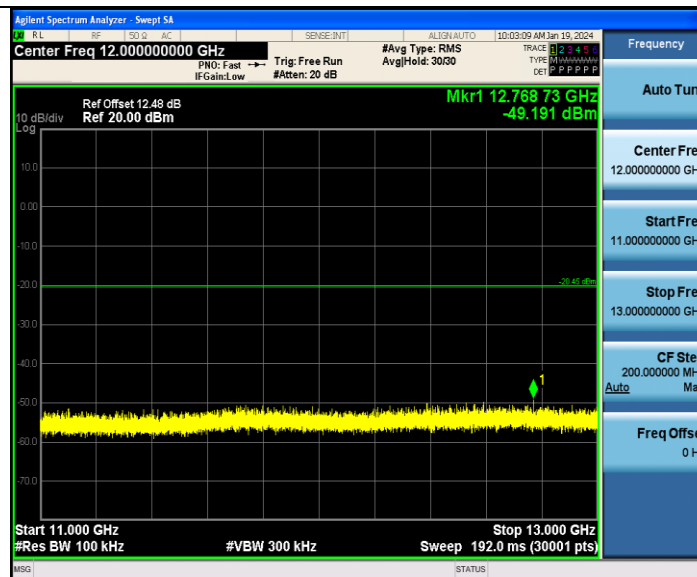
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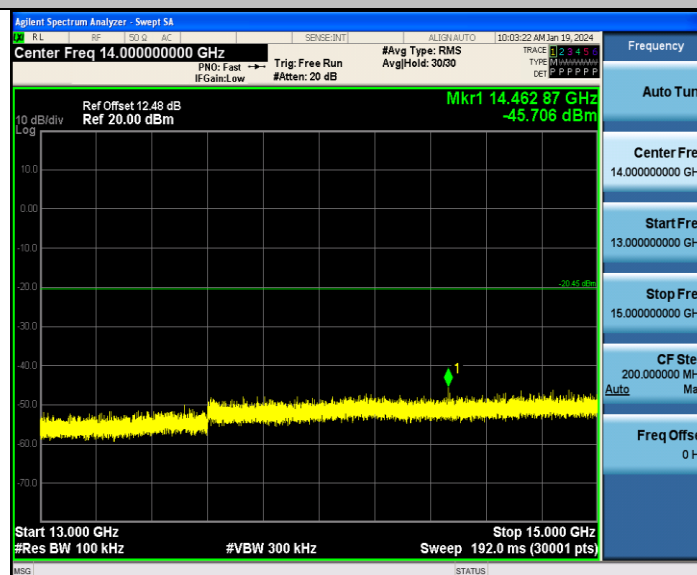
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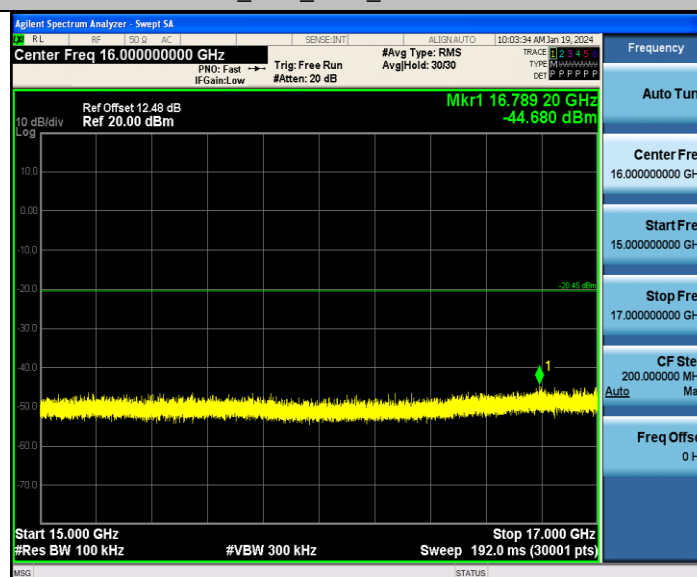
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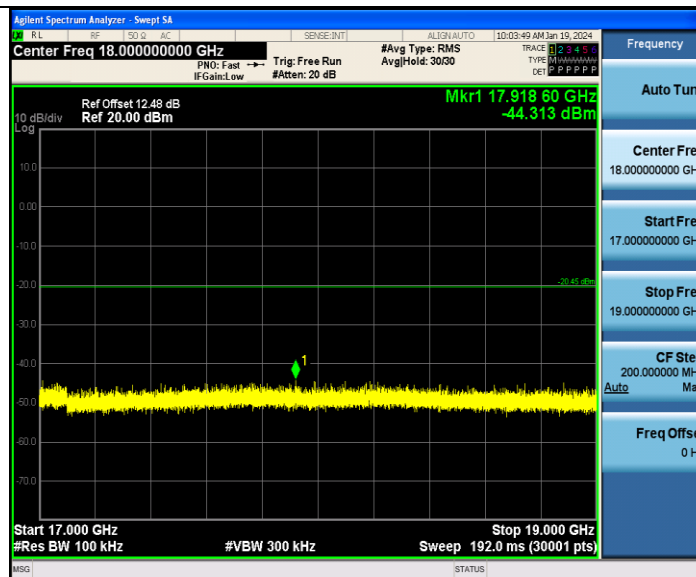
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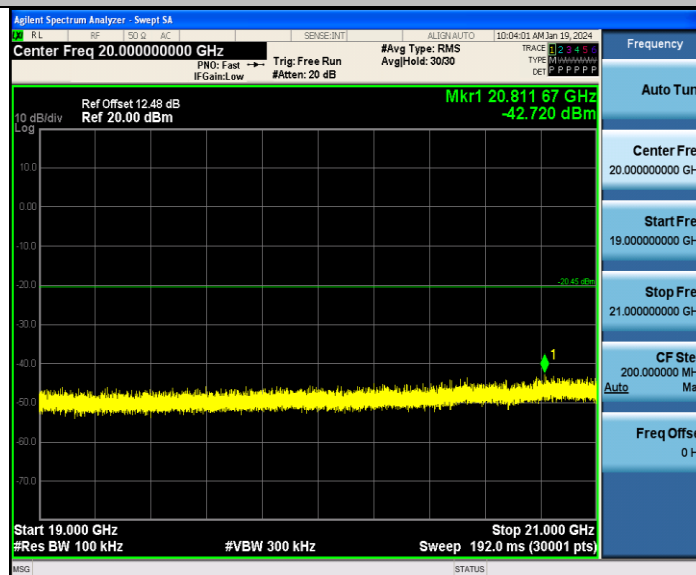
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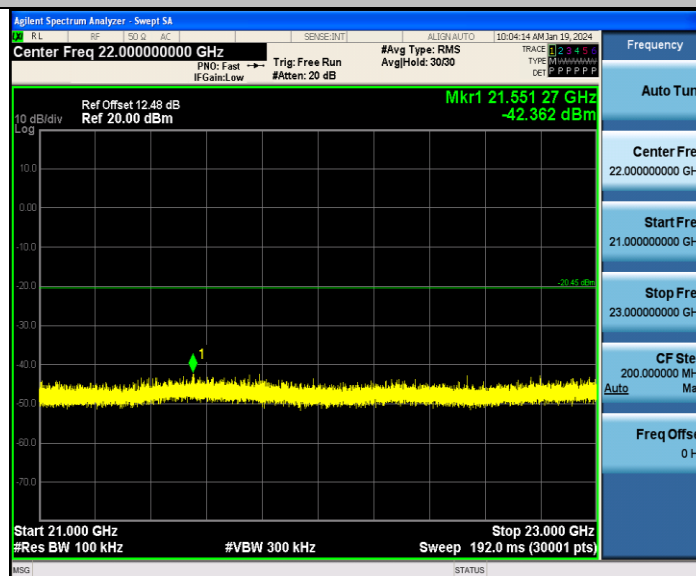
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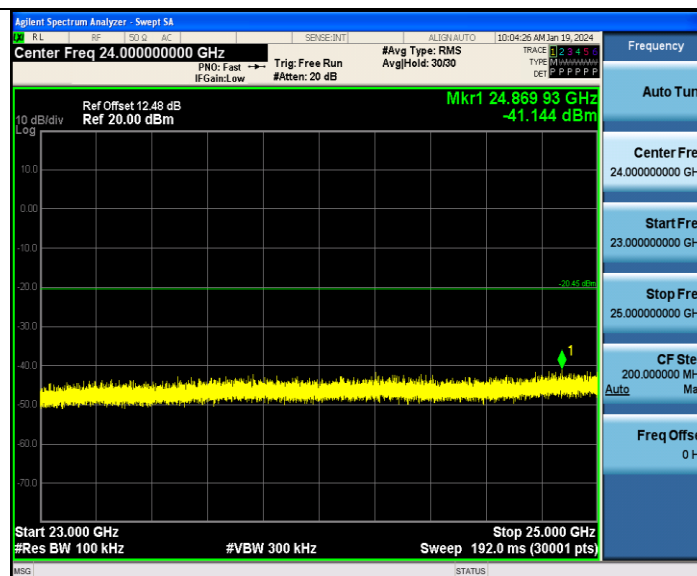
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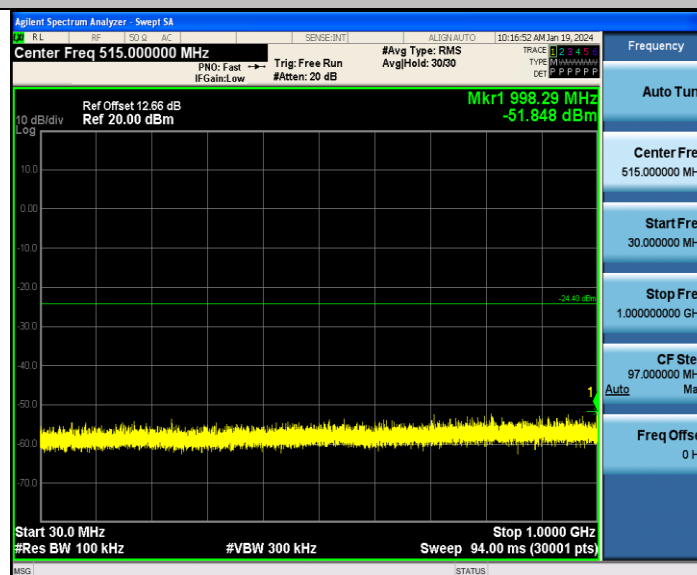
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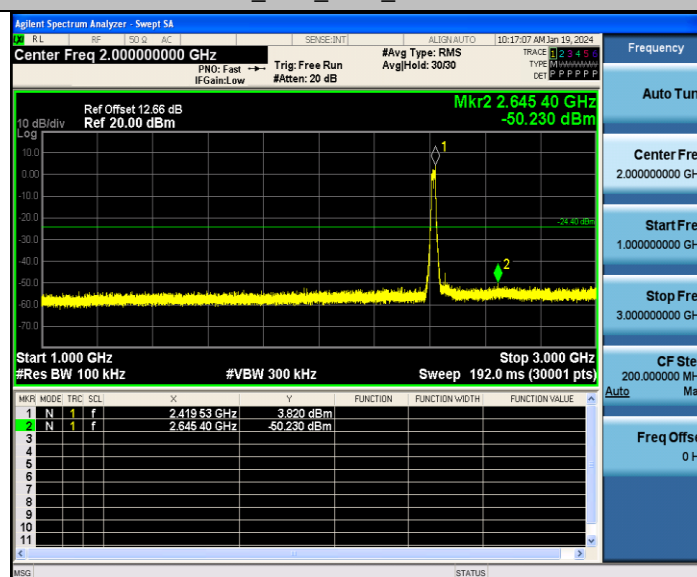
11B_Ant1_2462_23000~25000



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~3000



11G_Ant1_2412_3000~5000