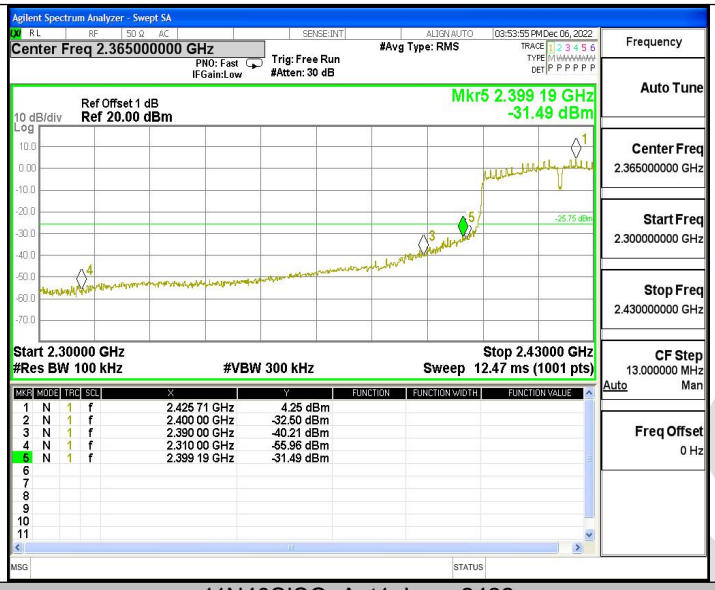
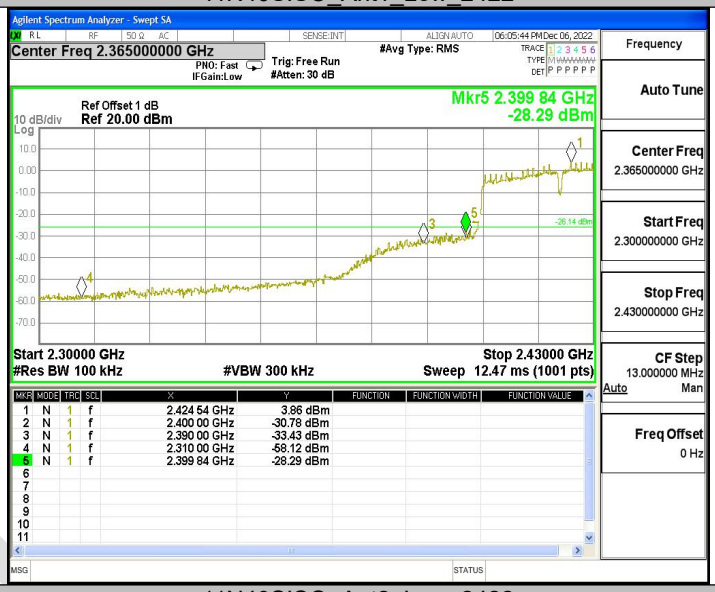
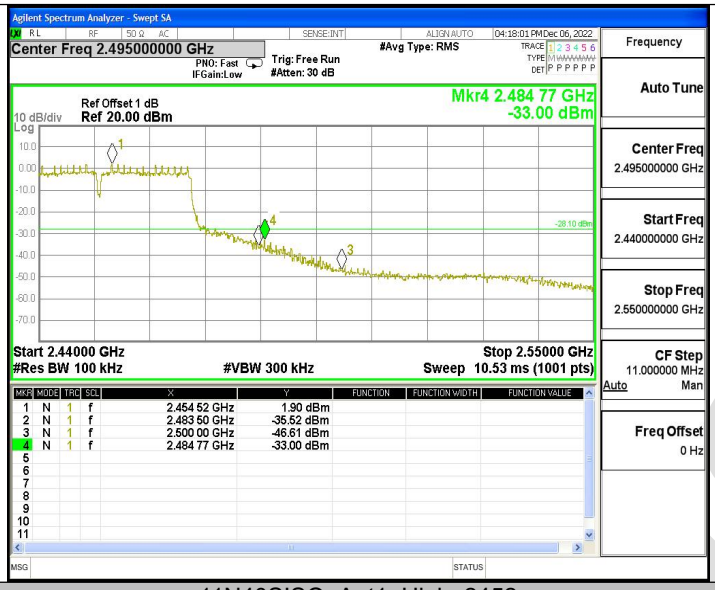


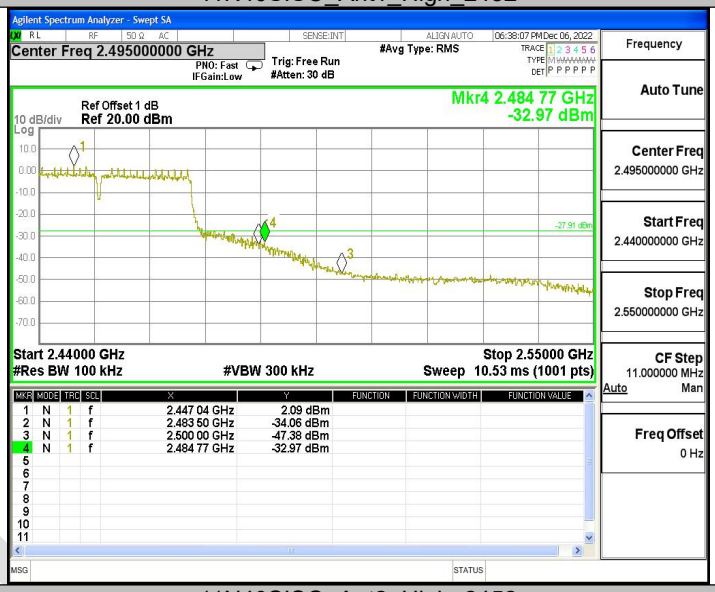
11N40SISO_Ant1_Low_2422



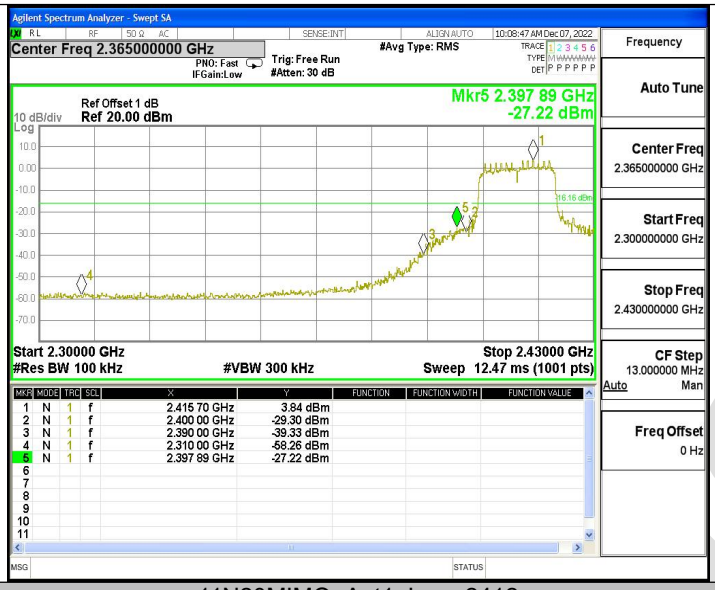
11N40SISO_Ant2_Low_2422



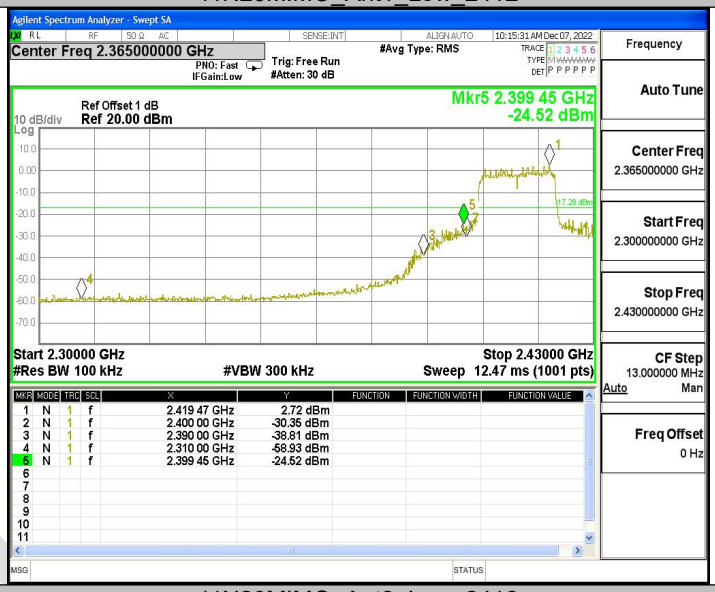
11N40SISO_Ant1_High_2452



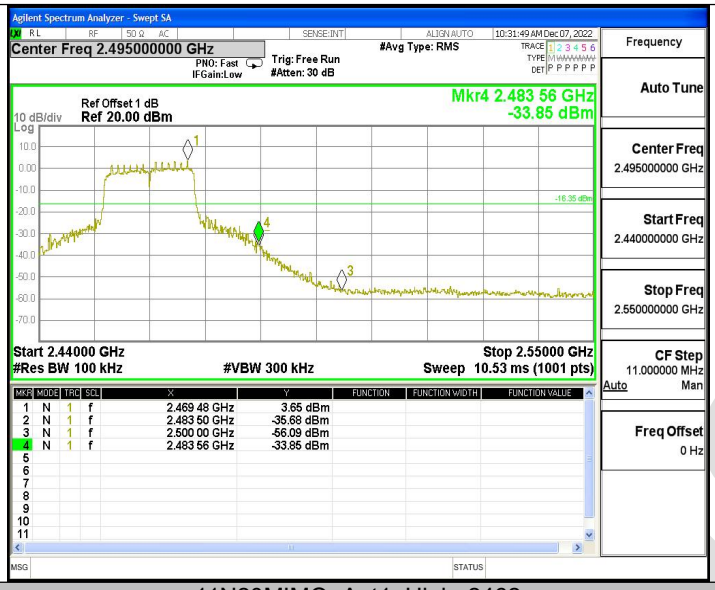
11N40SISO_Ant2_High_2452



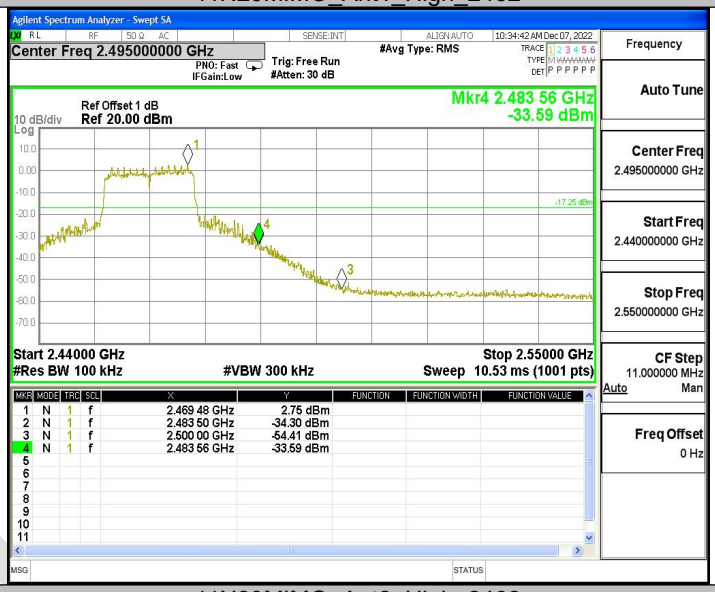
11N20MIMO_Ant1_Low_2412



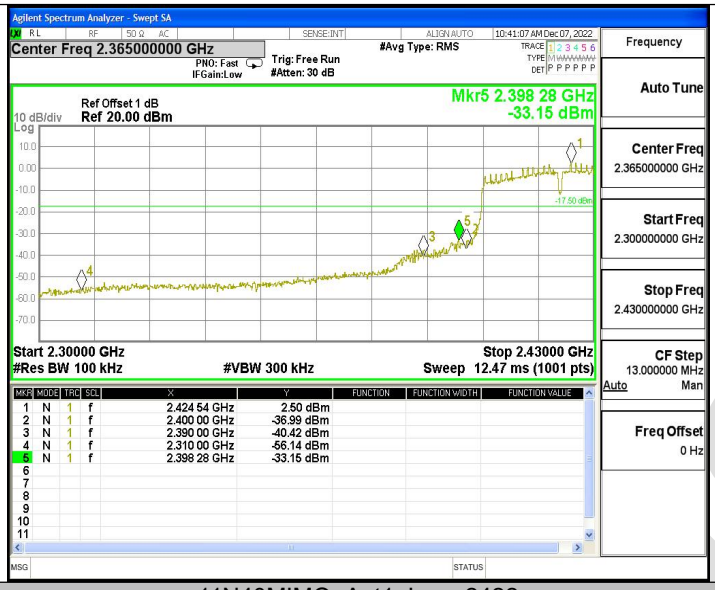
11N20MIMO_Ant2_Low_2412



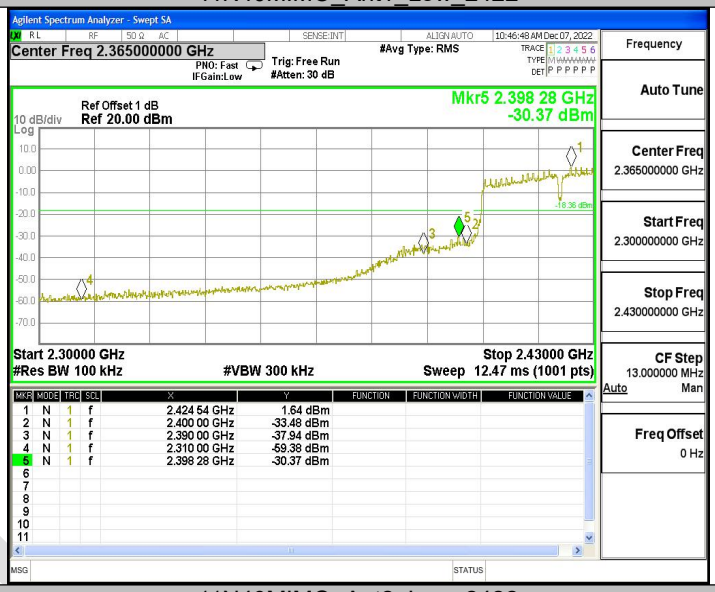
11N20MIMO_Ant1_High_2462



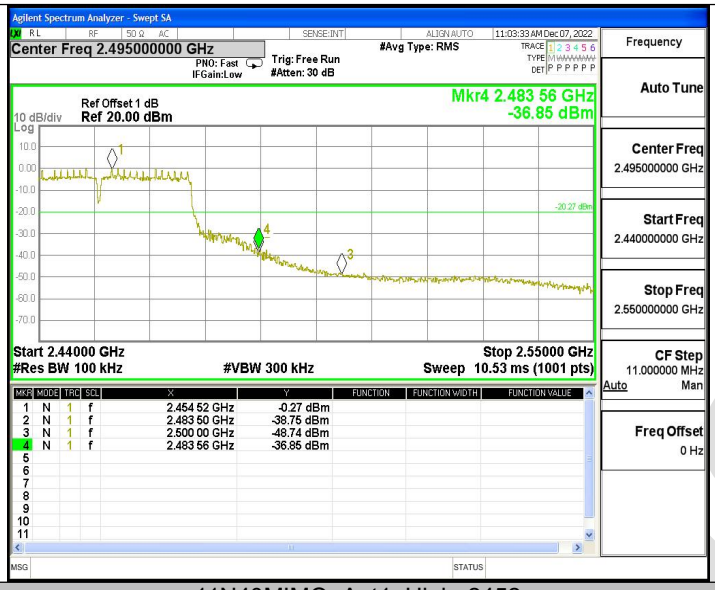
11N20MIMO_Ant2_High_2462



11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452

11N40MIMO_Ant2_High_2452

19.6 APPENDIX F: CONDUCTED SPURIOUS EMISSION

Test Result

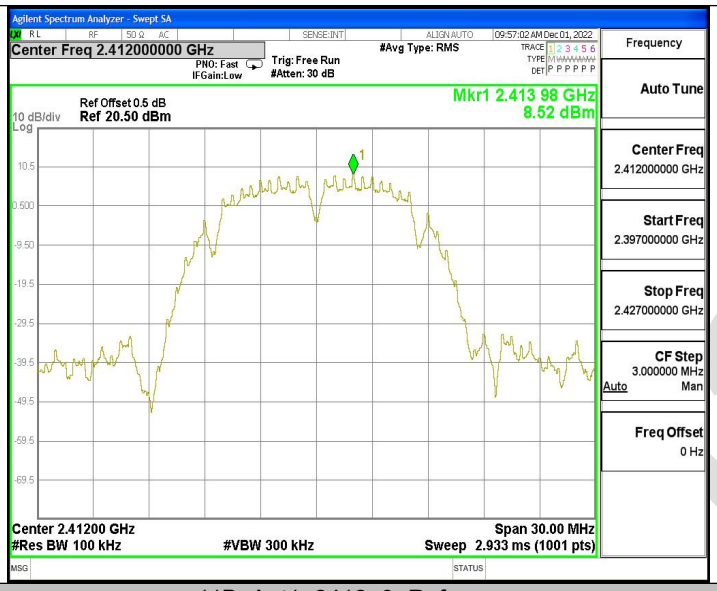
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.52	8.52	---	PASS
			30~1000	8.52	-63.76	<=-21.48	PASS
			1000~26500	8.52	-35.83	<=-21.48	PASS
	Ant2	2412	Reference	7.00	7.00	---	PASS
			30~1000	7.00	-68.22	<=-23	PASS
			1000~26500	7.00	-38.6	<=-23	PASS
	Ant1	2437	Reference	7.42	7.42	---	PASS
			30~1000	7.42	-61.76	<=-22.58	PASS
			1000~26500	7.42	-33.36	<=-22.58	PASS
	Ant2	2437	Reference	9.22	9.22	---	PASS
			30~1000	9.22	-66.39	<=-20.78	PASS
			1000~26500	9.22	-41.18	<=-20.78	PASS
	Ant1	2462	Reference	7.39	7.39	---	PASS
			30~1000	7.39	-61.72	<=-22.61	PASS
			1000~26500	7.39	-37.97	<=-22.61	PASS
	Ant2	2462	Reference	6.78	6.78	---	PASS
			30~1000	6.78	-67.89	<=-23.22	PASS
			1000~26500	6.78	-40.66	<=-23.22	PASS
11G	Ant1	2412	Reference	6.13	6.13	---	PASS
			30~1000	6.13	-67.98	<=-23.87	PASS
			1000~26500	6.13	-42.8	<=-23.87	PASS
	Ant2	2412	Reference	5.18	5.18	---	PASS
			30~1000	5.18	-67.95	<=-24.83	PASS
			1000~26500	5.18	-46.09	<=-24.83	PASS
	Ant1	2437	Reference	5.66	5.66	---	PASS
			30~1000	5.66	-68.76	<=-24.35	PASS
			1000~26500	5.66	-40.7	<=-24.35	PASS
	Ant2	2437	Reference	6.56	6.56	---	PASS
			30~1000	6.56	-68.07	<=-23.44	PASS
			1000~26500	6.56	-46.42	<=-23.44	PASS
	Ant1	2462	Reference	5.81	5.81	---	PASS
			30~1000	5.81	-68.55	<=-24.19	PASS
			1000~26500	5.81	-46.23	<=-24.19	PASS
	Ant2	2462	Reference	5.50	5.50	---	PASS
			30~1000	5.50	-67.82	<=-24.5	PASS
			1000~26500	5.50	-48.34	<=-24.5	PASS
11N20SISO	Ant1	2412	Reference	6.42	6.42	---	PASS
			30~1000	6.42	-68.25	<=-23.59	PASS
			1000~26500	6.42	-44.89	<=-23.59	PASS
	Ant2	2412	Reference	4.92	4.92	---	PASS
			30~1000	4.92	-68.24	<=-25.08	PASS
			1000~26500	4.92	-44.66	<=-25.08	PASS
	Ant1	2437	Reference	5.64	5.64	---	PASS
			30~1000	5.64	-68.26	<=-24.36	PASS
			1000~26500	5.64	-42.13	<=-24.36	PASS
	Ant2	2437	Reference	5.82	5.82	---	PASS
			30~1000	5.82	-68.04	<=-24.18	PASS
			1000~26500	5.82	-44.13	<=-24.18	PASS
	Ant1	2462	Reference	5.90	5.90	---	PASS
			30~1000	5.90	-68.62	<=-24.1	PASS
			1000~26500	5.90	-47.29	<=-24.1	PASS
	Ant2	2462	Reference	4.78	4.78	---	PASS
			30~1000	4.78	-68.5	<=-25.22	PASS
			1000~26500	4.78	-47.33	<=-25.22	PASS

BlueAsia

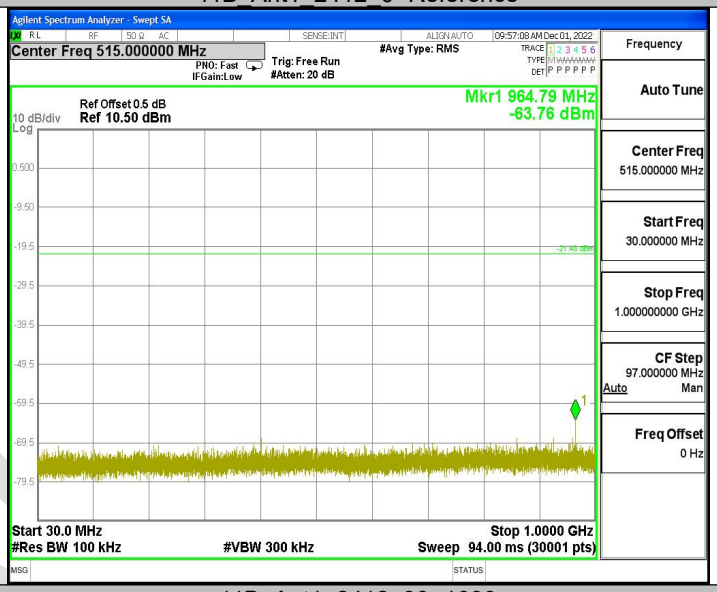
11N40SISO	Ant1	2422	Reference	4.50	4.50	---	PASS
			30~1000	4.50	-68.2	<=-25.5	PASS
			1000~26500	4.50	-39.85	<=-25.5	PASS
	Ant2	2422	Reference	3.69	3.69	---	PASS
			30~1000	3.69	-68.51	<=-26.31	PASS
			1000~26500	3.69	-40.74	<=-26.31	PASS
	Ant1	2437	Reference	3.22	3.22	---	PASS
			30~1000	3.22	-68.46	<=-26.79	PASS
			1000~26500	3.22	-41.06	<=-26.79	PASS
	Ant2	2437	Reference	3.88	3.88	---	PASS
			30~1000	3.88	-67.52	<=-26.12	PASS
			1000~26500	3.88	-40.97	<=-26.12	PASS
	Ant1	2452	Reference	1.83	1.83	---	PASS
			30~1000	1.83	-67.95	<=-28.17	PASS
			1000~26500	1.83	-38.25	<=-28.17	PASS
	Ant2	2452	Reference	1.84	1.84	---	PASS
			30~1000	1.84	-68.52	<=-28.16	PASS
			1000~26500	1.84	-39.14	<=-28.16	PASS
11N20MIMO	Ant1	2412	Reference	3.83	3.83	---	PASS
			30~1000	3.83	-68.55	<=-26.17	PASS
			1000~26500	3.83	-47.95	<=-26.17	PASS
	Ant2	2412	Reference	2.70	2.70	---	PASS
			30~1000	2.70	-68.77	<=-27.3	PASS
			1000~26500	2.70	-51.04	<=-27.3	PASS
	Ant1	2437	Reference	3.74	3.74	---	PASS
			30~1000	3.74	-67.99	<=-26.26	PASS
			1000~26500	3.74	-42.94	<=-26.26	PASS
	Ant2	2437	Reference	3.87	3.87	---	PASS
			30~1000	3.87	-68.39	<=-26.13	PASS
			1000~26500	3.87	-49.25	<=-26.13	PASS
	Ant1	2462	Reference	3.71	3.71	---	PASS
			30~1000	3.71	-67.89	<=-26.29	PASS
			1000~26500	3.71	-49.58	<=-26.29	PASS
	Ant2	2462	Reference	3.19	3.19	---	PASS
			30~1000	3.19	-68.87	<=-26.81	PASS
			1000~26500	3.19	-51.53	<=-26.81	PASS
11N40MIMO	Ant1	2422	Reference	2.49	2.49	---	PASS
			30~1000	2.49	-68.53	<=-27.51	PASS
			1000~26500	2.49	-42.98	<=-27.51	PASS
	Ant2	2422	Reference	1.63	1.63	---	PASS
			30~1000	1.63	-68.81	<=-28.37	PASS
			1000~26500	1.63	-39.66	<=-28.37	PASS
	Ant1	2437	Reference	1.11	1.11	---	PASS
			30~1000	1.11	-68.4	<=-18.89	PASS
			1000~26500	1.11	-39.42	<=-18.89	PASS
	Ant2	2437	Reference	1.77	1.77	---	PASS
			30~1000	1.77	-66.94	<=-18.24	PASS
			1000~26500	1.77	-48.66	<=-18.24	PASS
	Ant1	2452	Reference	-0.42	-0.42	---	PASS
			30~1000	-0.42	-68.67	<=-30.42	PASS
			1000~26500	-0.42	-40.31	<=-30.42	PASS
	Ant2	2452	Reference	0.06	0.06	---	PASS
			30~1000	0.06	-68.19	<=-29.94	PASS
			1000~26500	0.06	-39.68	<=-29.94	PASS

BlueAsia

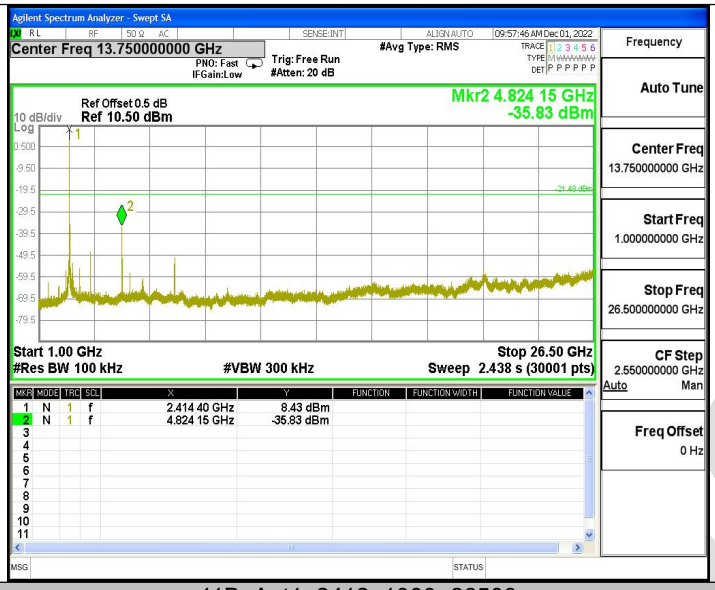
Test Graphs



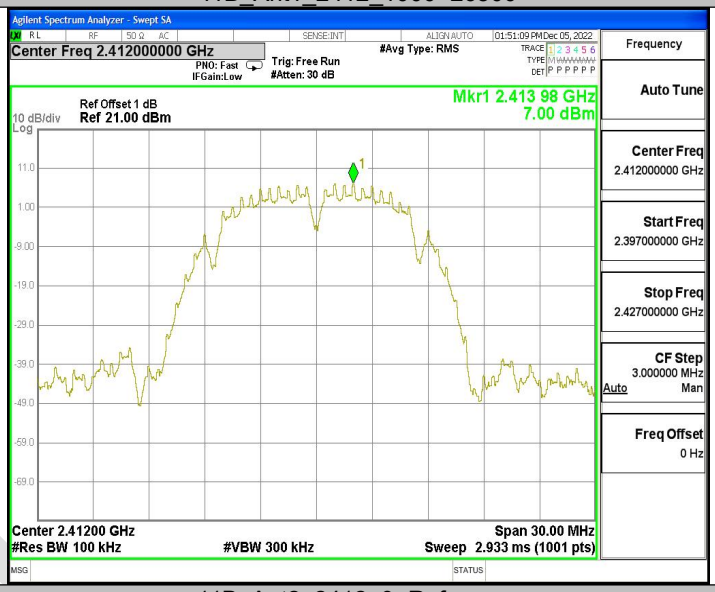
11B_Ant1_2412_0~Reference



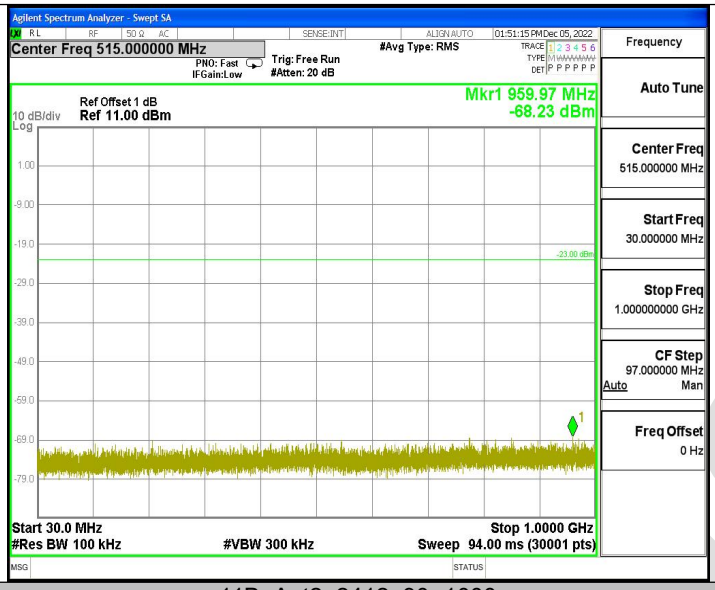
11B_Ant1_2412_30~1000



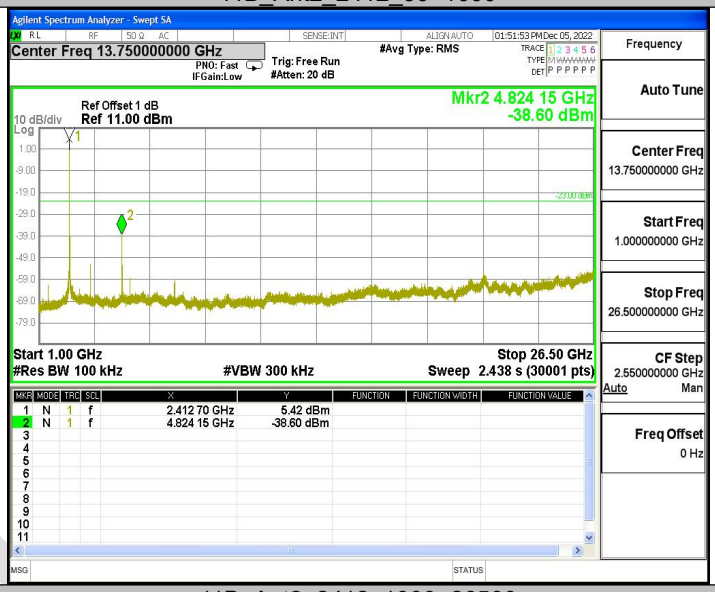
11B_Ant1_2412_1000~26500



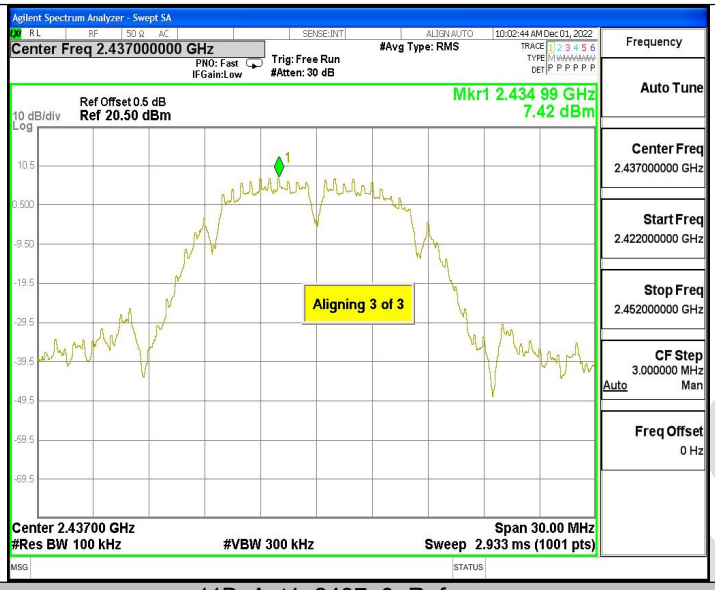
11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



11B_Ant2_2412_1000~26500



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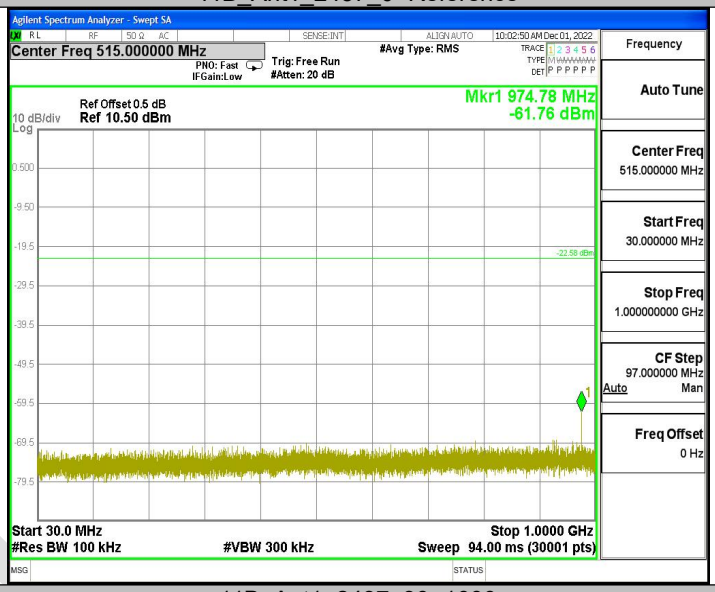
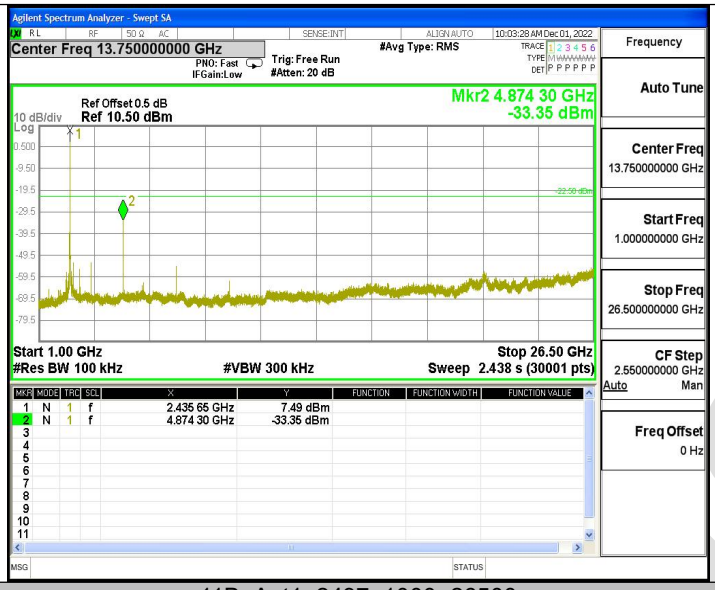
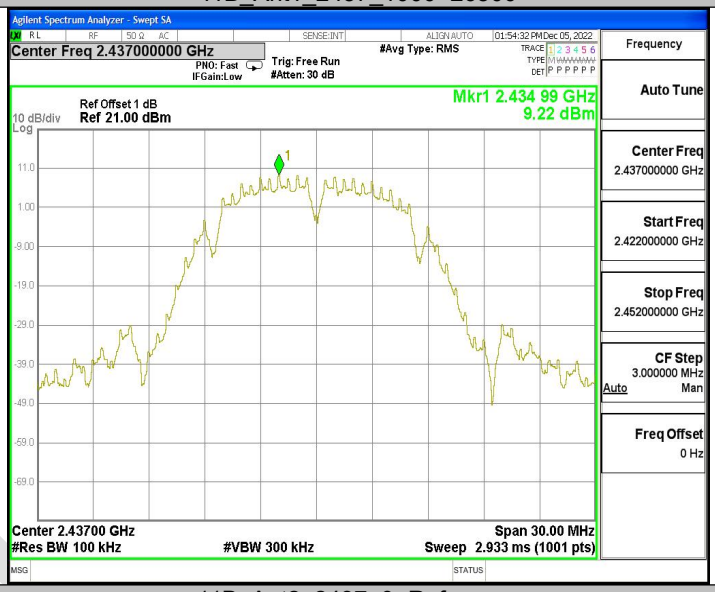


11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



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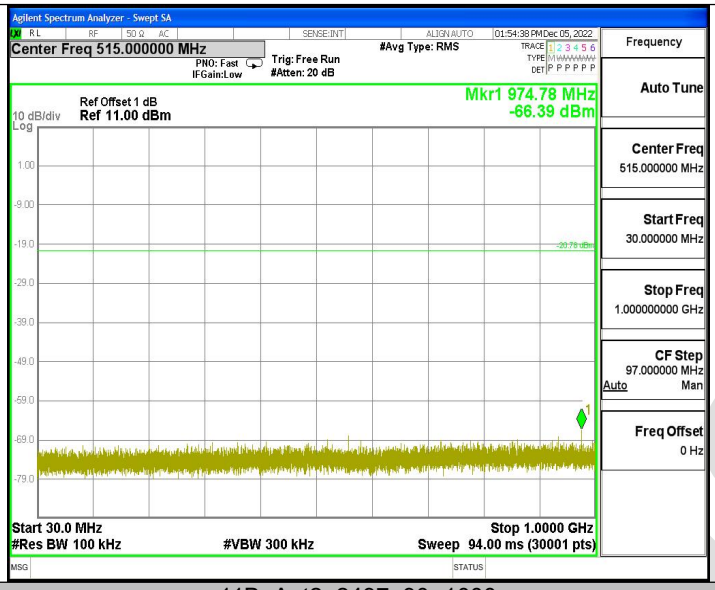
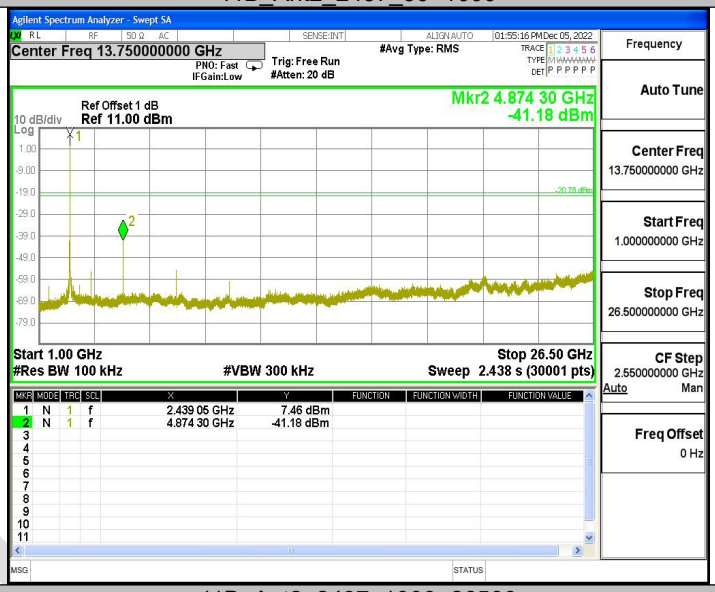
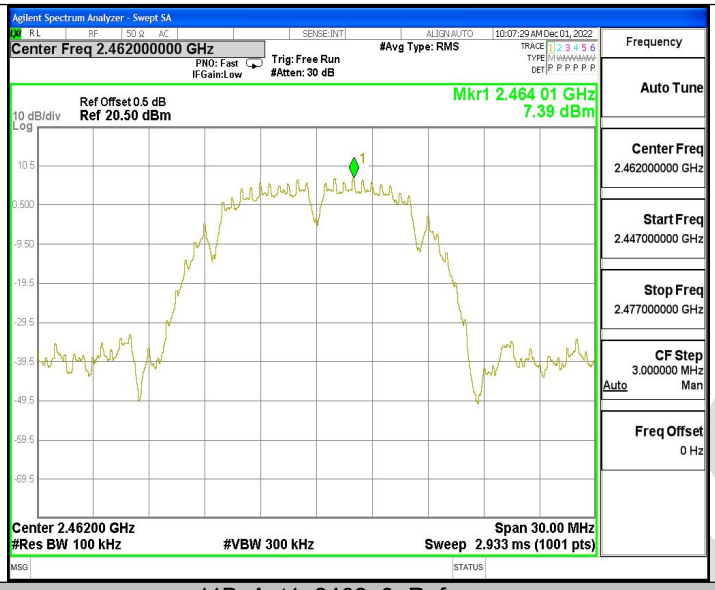


11B_Ant2_2437_30~1000



11B_Ant2_2437_1000~26500



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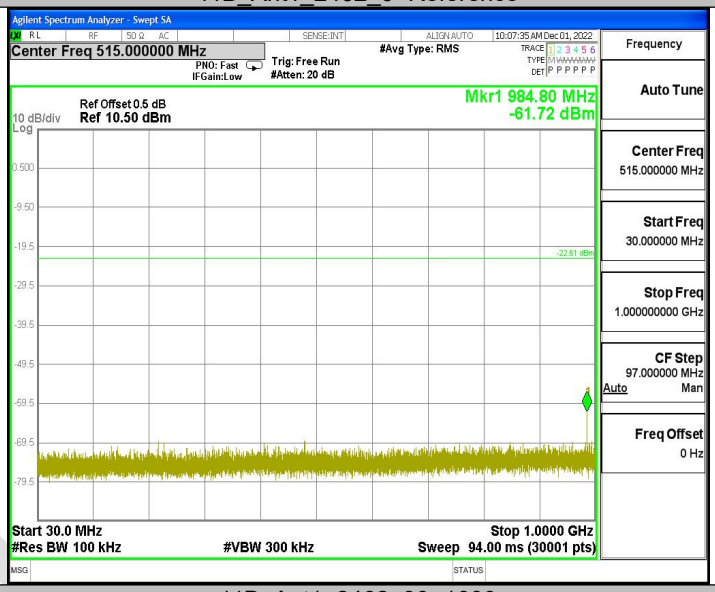
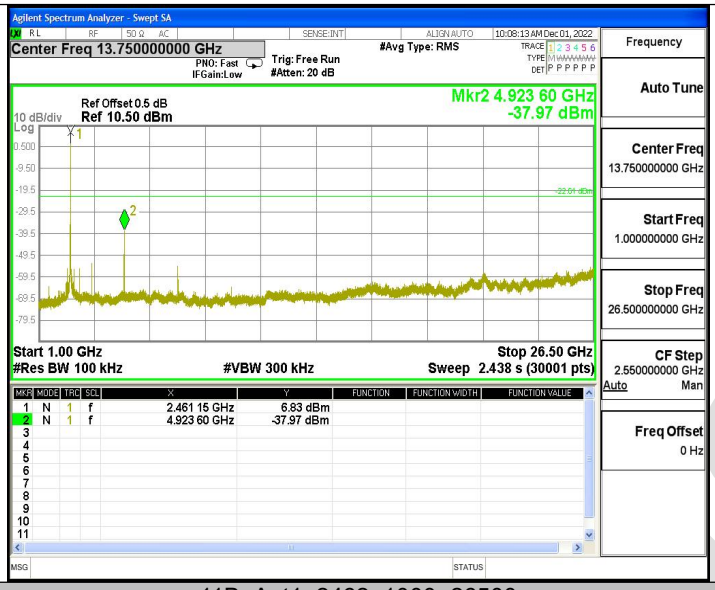
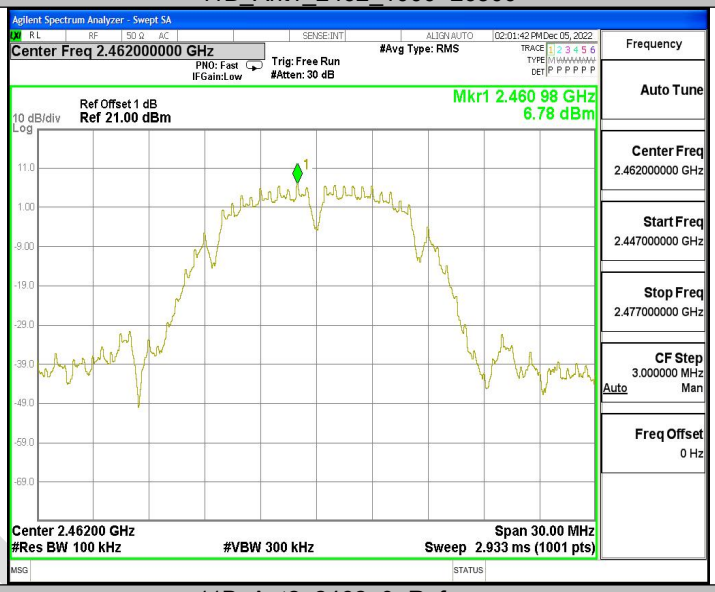


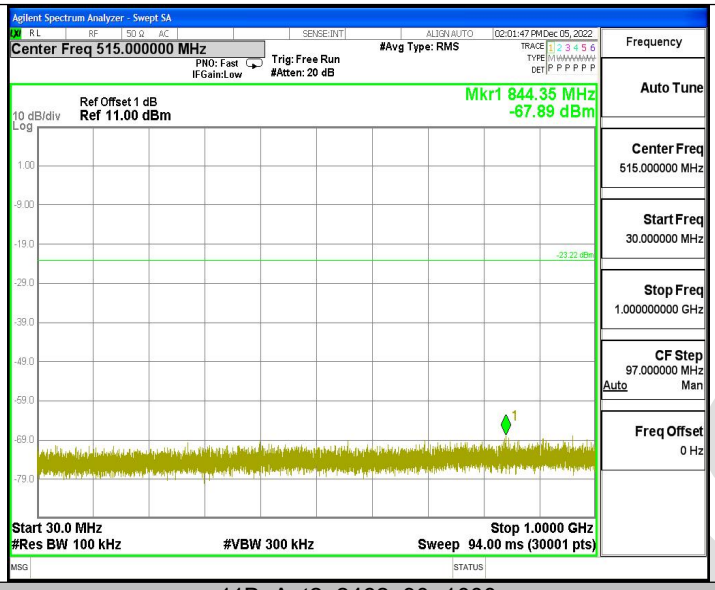
11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11B_Ant2_2462_0~Reference



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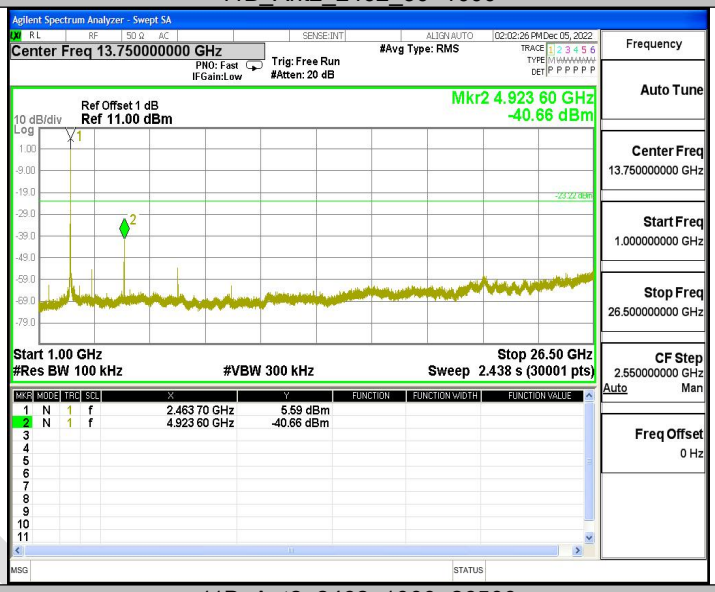
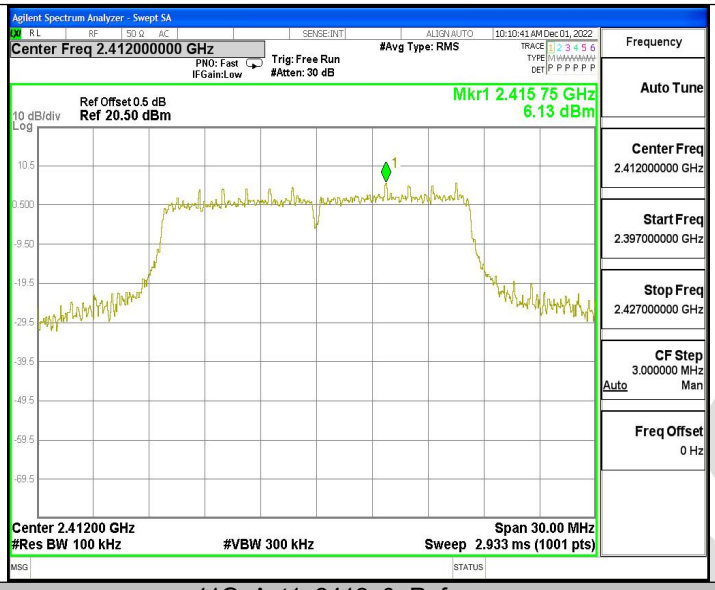
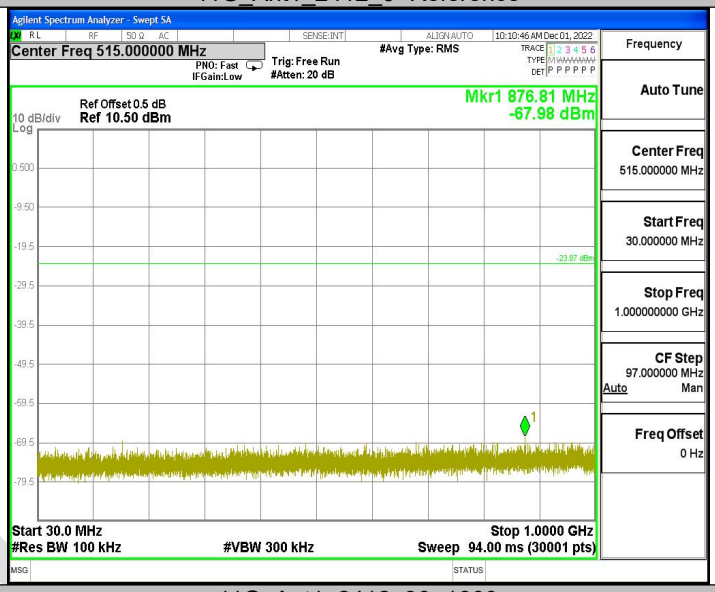


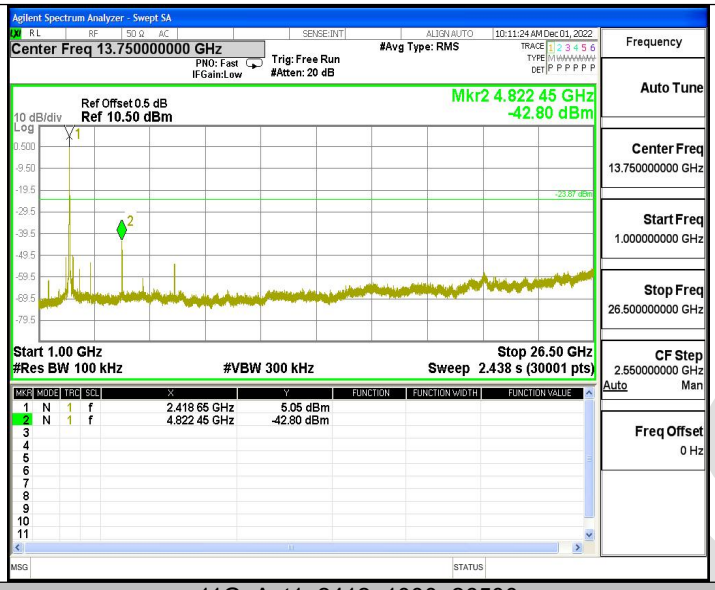
11B_Ant2_2462_1000~26500



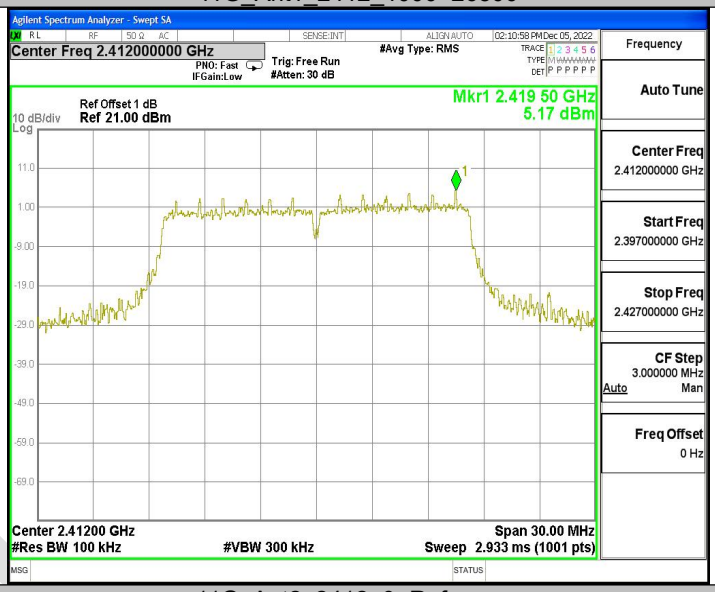
11G_Ant1_2412_0~Reference



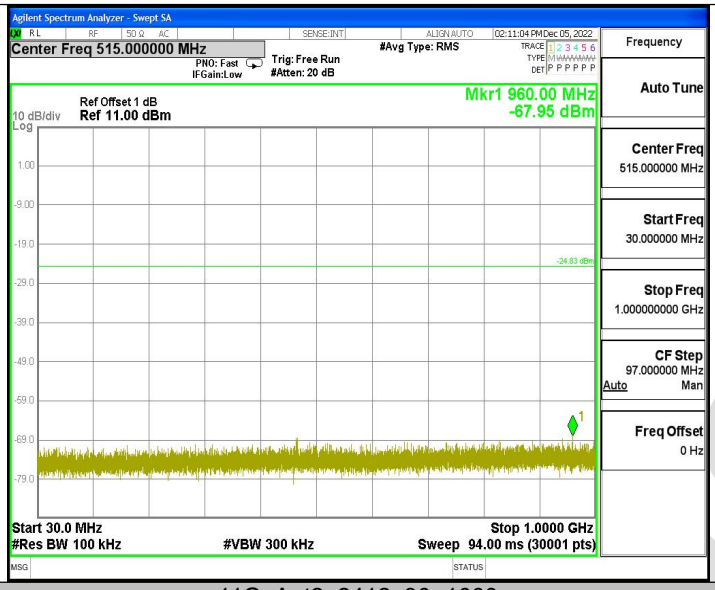
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant2_2412_0~Reference



11G_Ant2_2412_30~1000

11G_Ant2_2412_1000~26500