

11B Ant1 2412



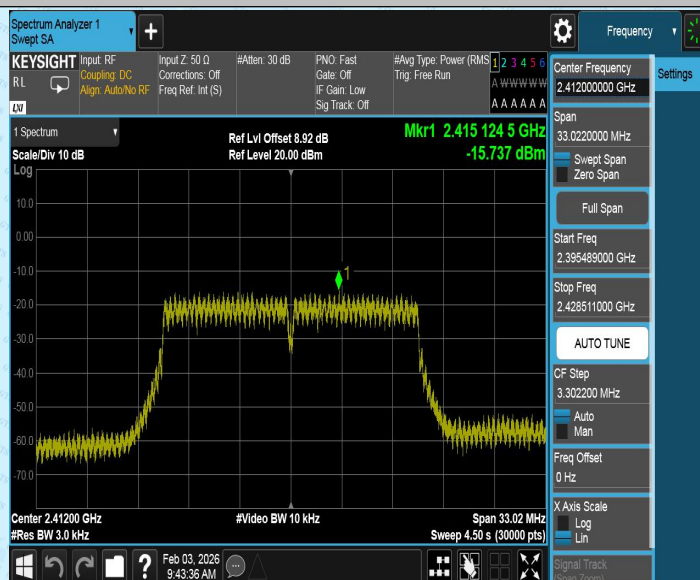
11B Ant1 2437



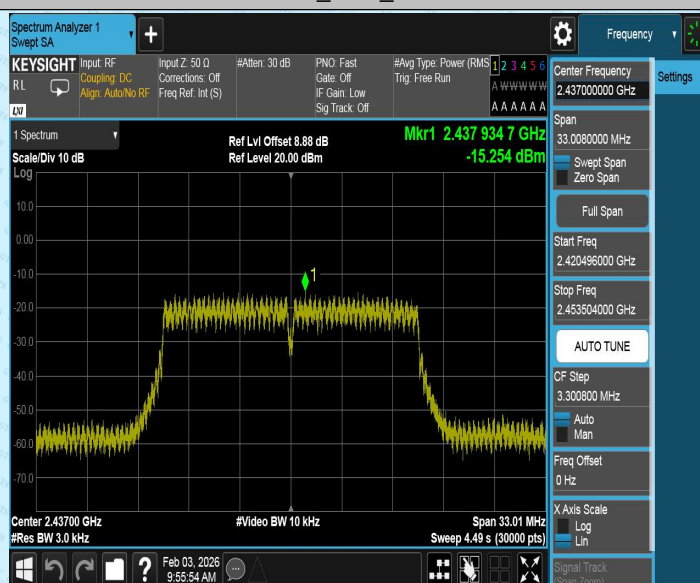
11B Ant1 2462



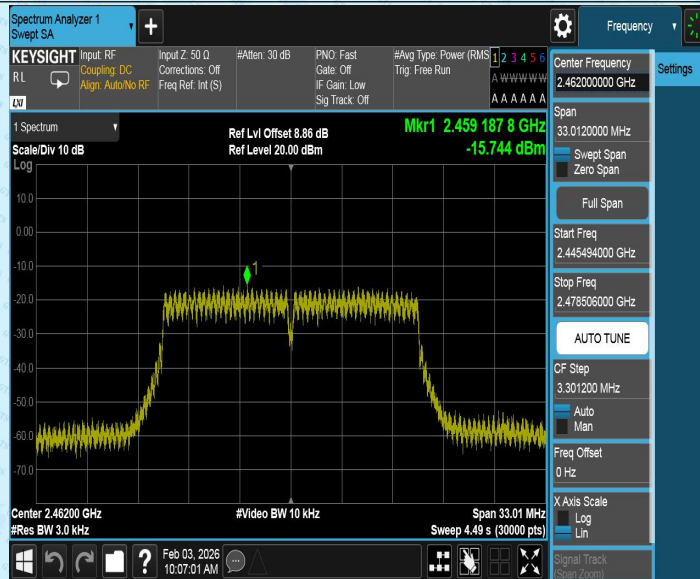
11G_Ant1_2412



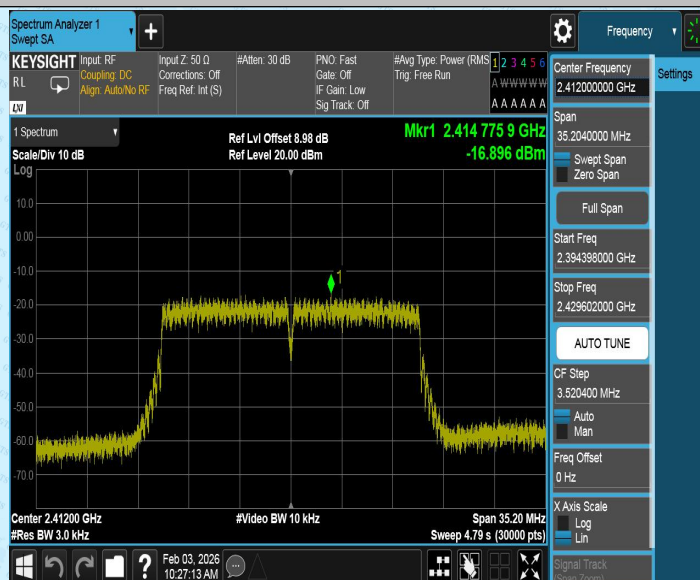
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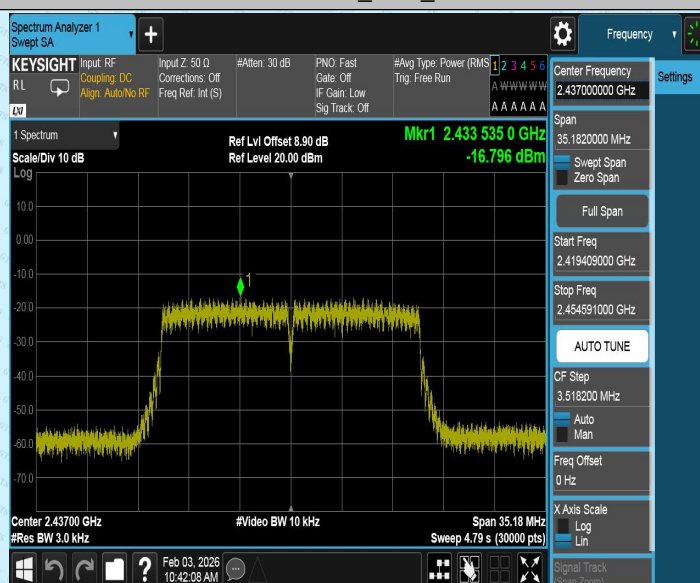
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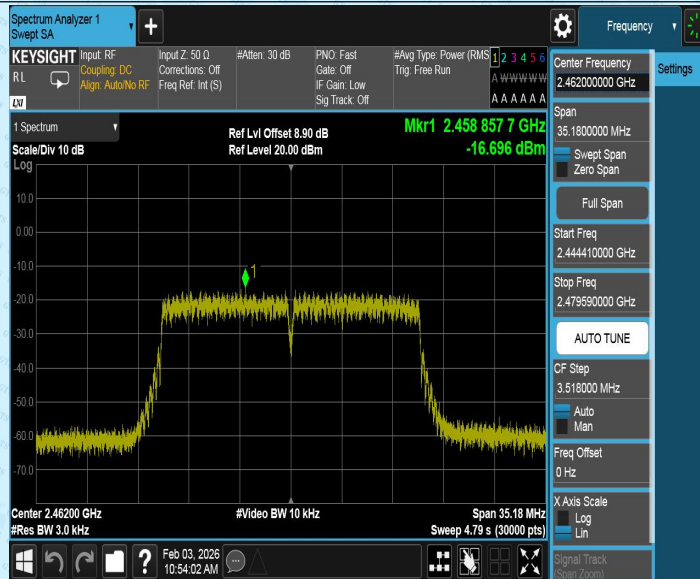
11N20SISO_Ant1_2412



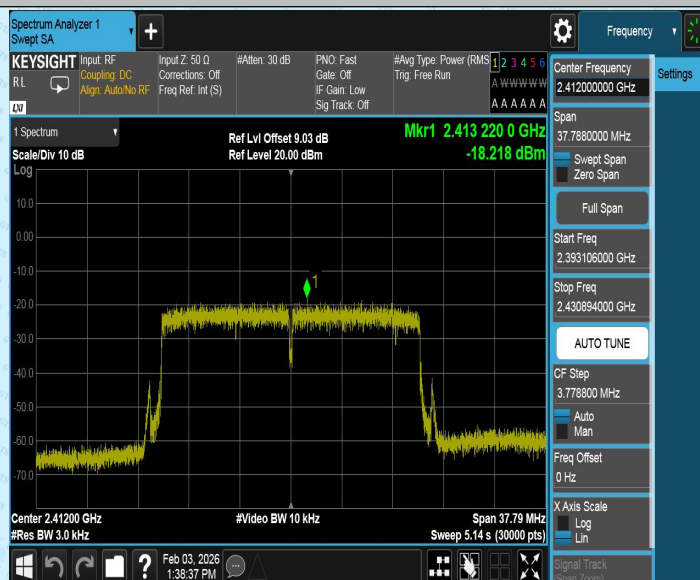
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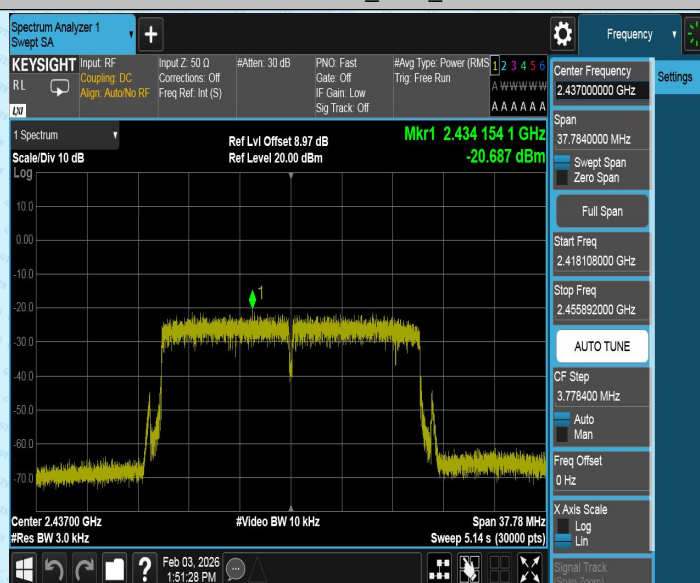
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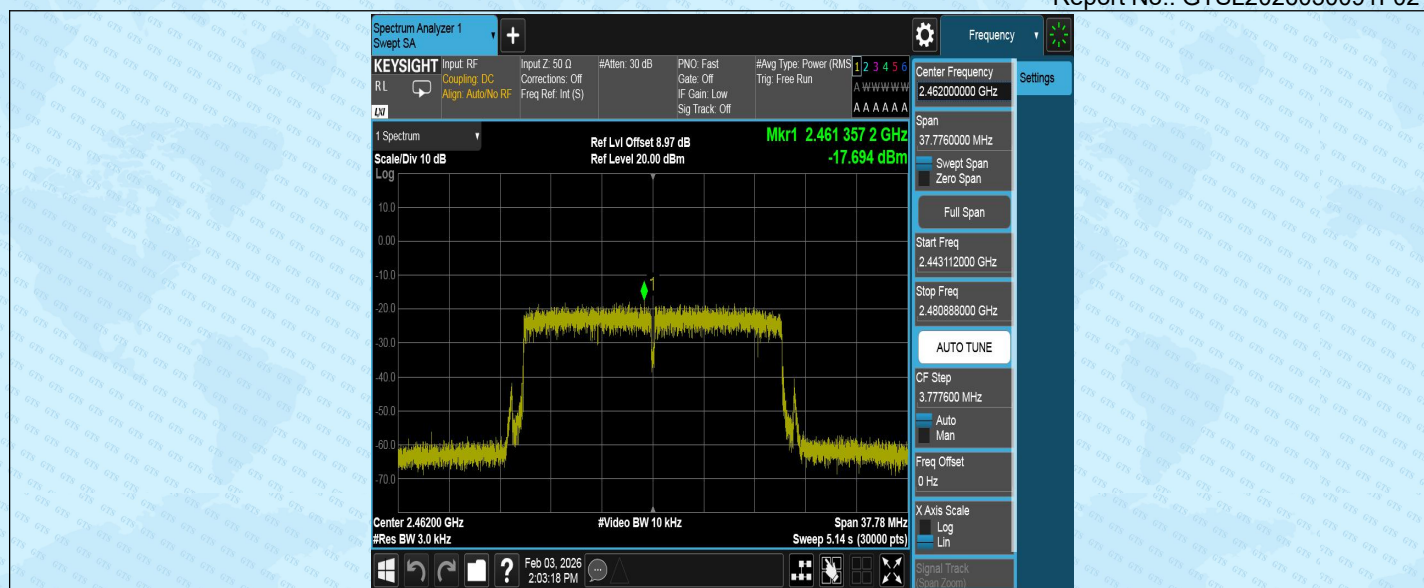
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix E: Band edge measurements

Test Result

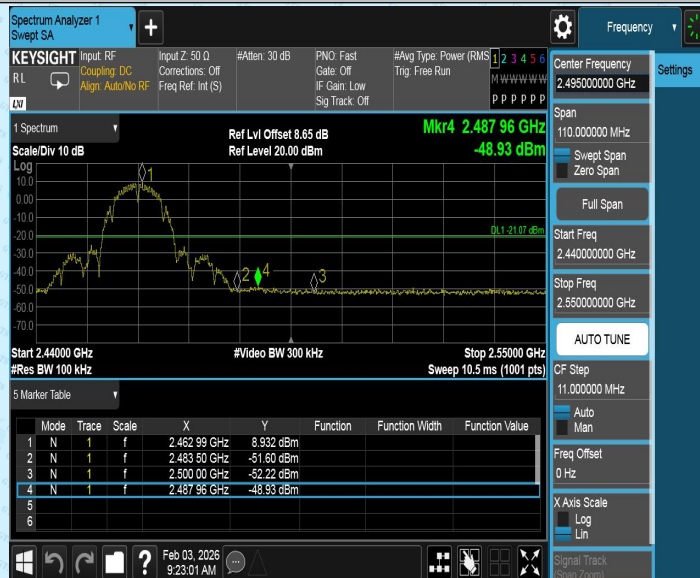
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.08	-38.53	≤ -20.92	PASS
		High	2462	8.93	-48.93	≤ -21.07	PASS
11G	Ant1	Low	2412	4.78	-34.62	≤ -25.22	PASS
		High	2462	5.35	-40.42	≤ -24.65	PASS
11N20SISO	Ant1	Low	2412	4.75	-34.2	≤ -25.25	PASS
		High	2462	4.92	-37.42	≤ -25.08	PASS
11AX20SISO	Ant1	Low	2412	2.75	-36.75	≤ -27.25	PASS
		High	2462	3.35	-38.16	≤ -26.65	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.12	9.12	---	PASS
			30~1000	9.12	-51.99	≤-20.88	PASS
			1000~26500	9.12	-37.96	≤-20.88	PASS
		2437	Reference	9.32	9.32	---	PASS
			30~1000	9.32	-52.35	≤-20.68	PASS
			1000~26500	9.32	-37.26	≤-20.68	PASS
		2462	Reference	8.72	8.72	---	PASS
			30~1000	8.72	-52.83	≤-21.28	PASS
			1000~26500	8.72	-36.82	≤-21.28	PASS
11G	Ant1	2412	Reference	5.08	5.08	---	PASS
			30~1000	5.08	-52.57	≤-24.92	PASS
			1000~26500	5.08	-37.44	≤-24.92	PASS
		2437	Reference	5.09	5.09	---	PASS
			30~1000	5.09	-52.17	≤-24.91	PASS
			1000~26500	5.09	-37.85	≤-24.91	PASS
		2462	Reference	5.20	5.20	---	PASS
			30~1000	5.20	-52.53	≤-24.8	PASS
			1000~26500	5.20	-37.46	≤-24.8	PASS
11N20SISO	Ant1	2412	Reference	4.67	4.67	---	PASS
			30~1000	4.67	-52.88	≤-25.33	PASS
			1000~26500	4.67	-37.61	≤-25.33	PASS
		2437	Reference	4.73	4.73	---	PASS
			30~1000	4.73	-52.65	≤-25.27	PASS
			1000~26500	4.73	-37.81	≤-25.27	PASS
		2462	Reference	4.72	4.72	---	PASS
			30~1000	4.72	-51.99	≤-25.28	PASS
			1000~26500	4.72	-37.3	≤-25.28	PASS
11AX20SISO	Ant1	2412	Reference	3.00	3.00	---	PASS
			30~1000	3.00	-52.32	≤-27	PASS
			1000~26500	3.00	-36.94	≤-27	PASS
		2437	Reference	0.16	0.16	---	PASS
			30~1000	0.16	-51.02	≤-29.84	PASS
			1000~26500	0.16	-37.97	≤-29.84	PASS
		2462	Reference	3.55	3.55	---	PASS
			30~1000	3.55	-52.01	≤-26.45	PASS
			1000~26500	3.55	-37.2	≤-26.45	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



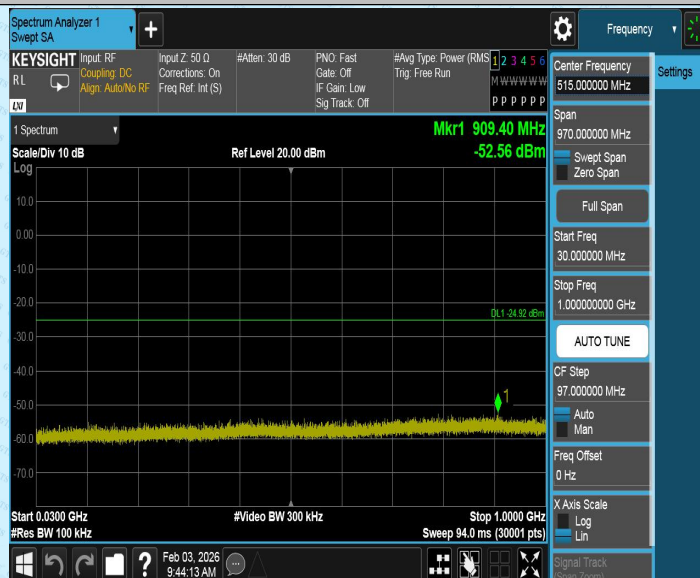
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



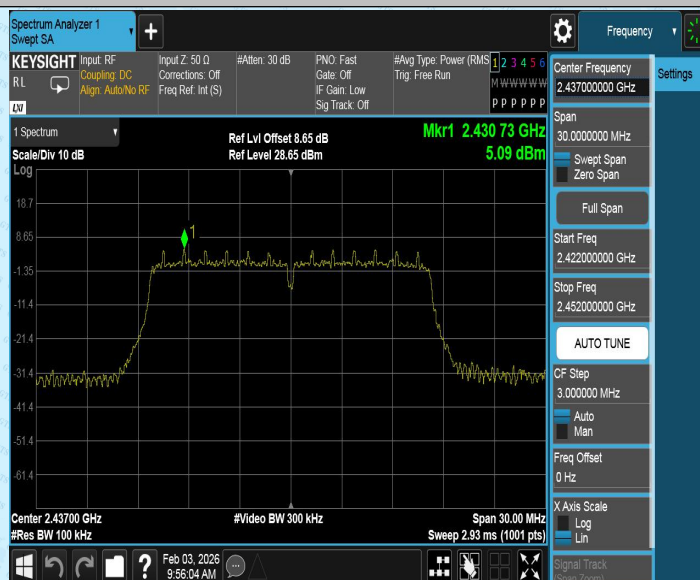
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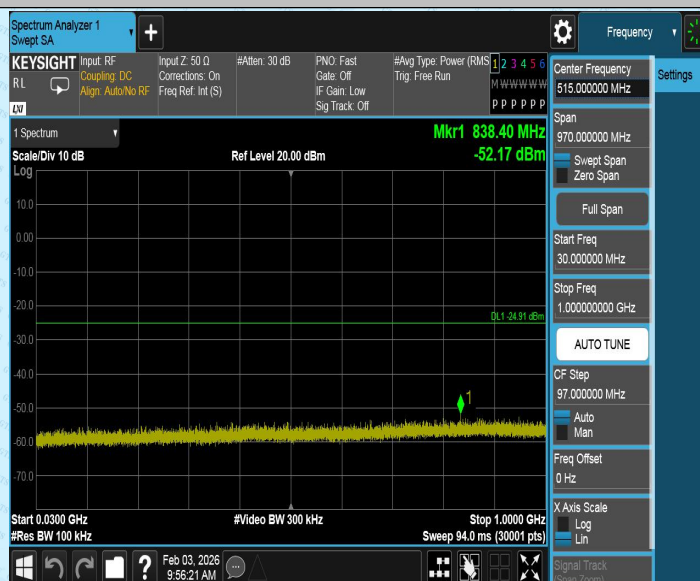
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500