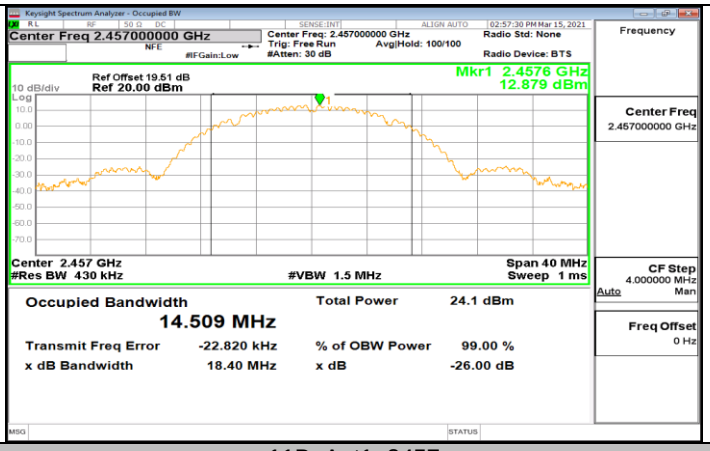
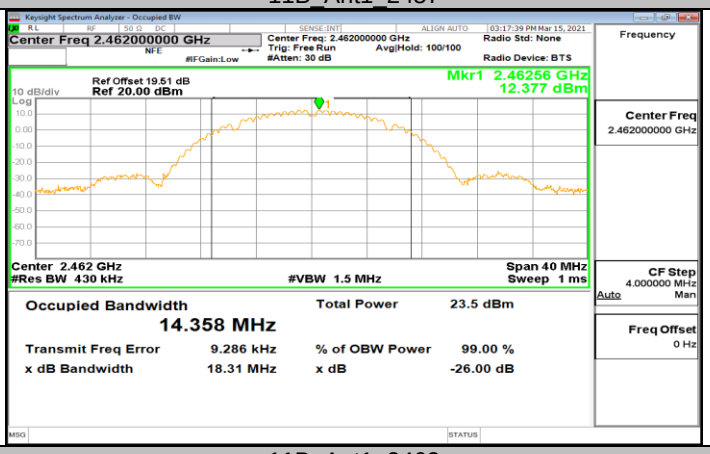
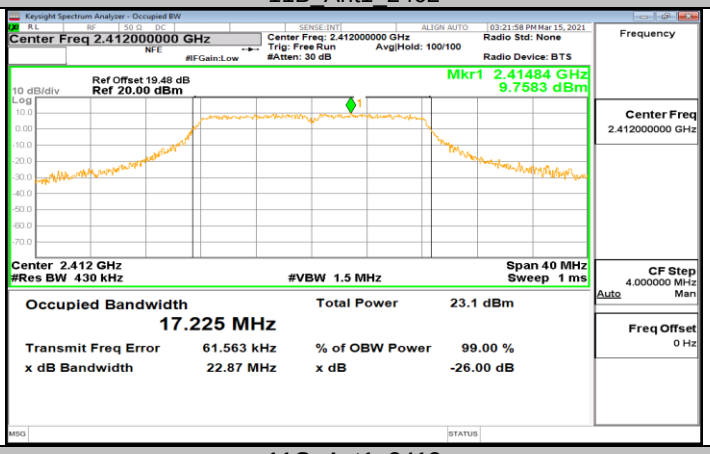


11B_Ant1_2457



11B_Ant1_2462



11G_Ant1_2412

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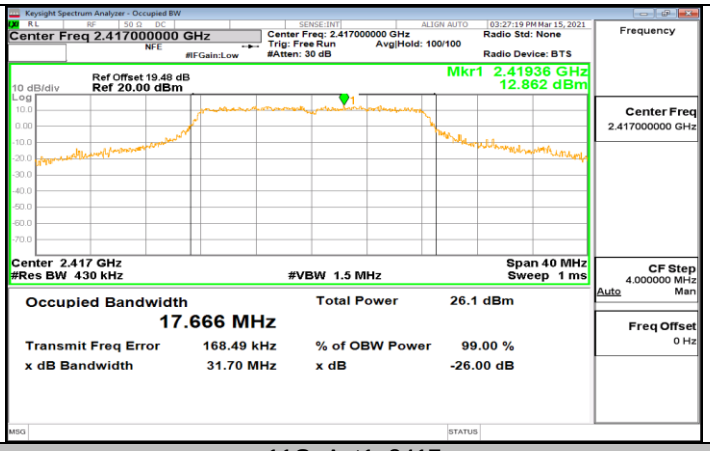
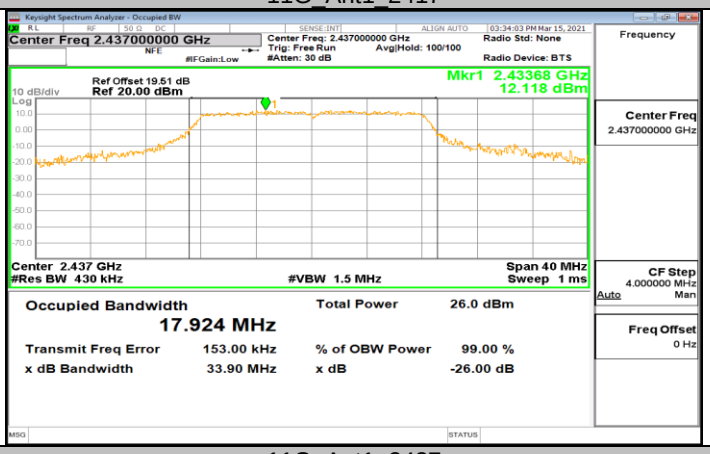
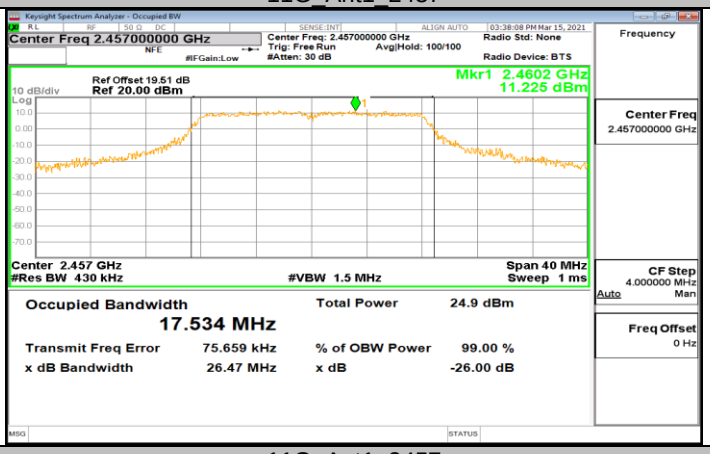


11G_Ant1_2417



11G_Ant1_2437



11G_Ant1_2457

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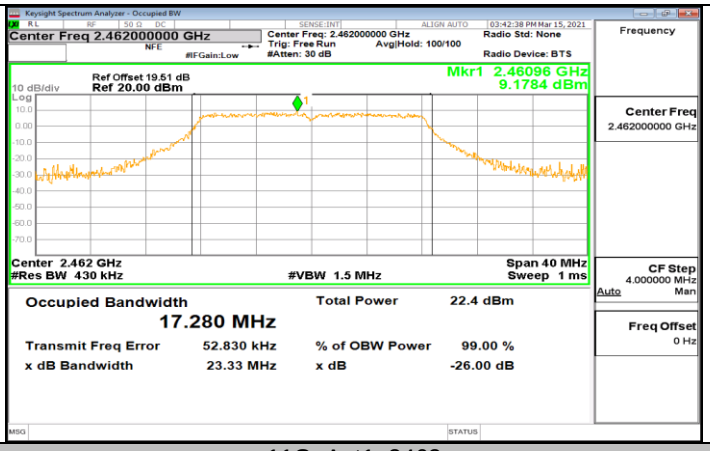
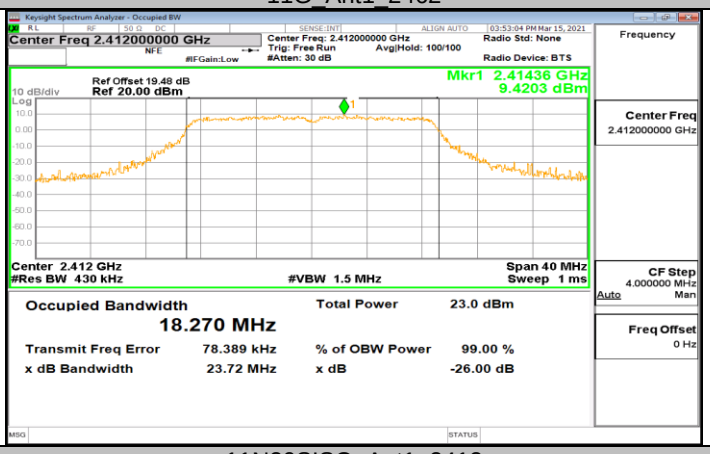
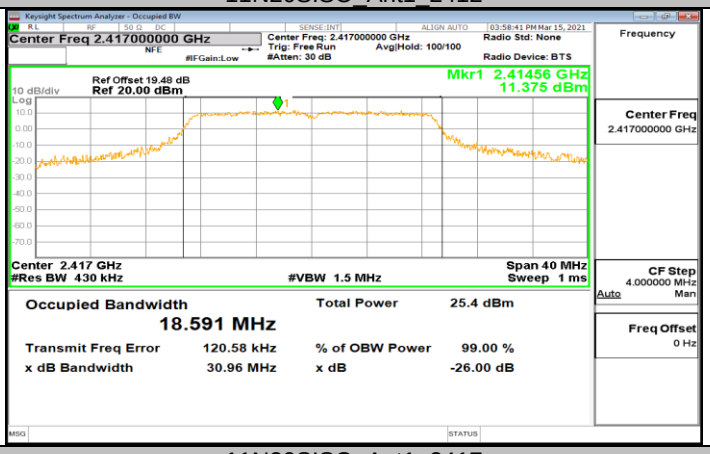


11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2417

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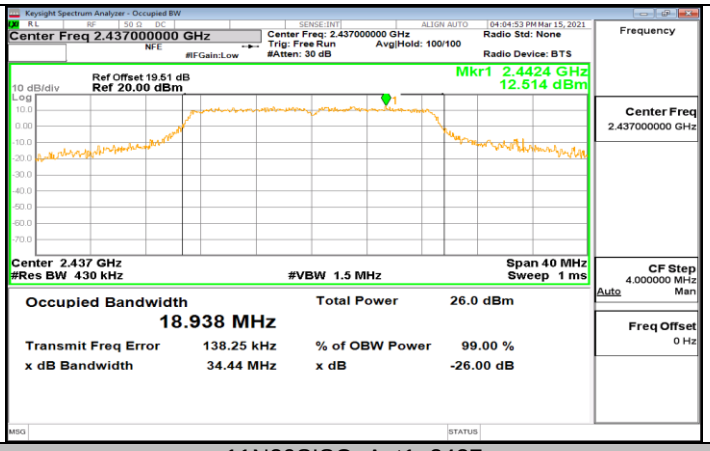
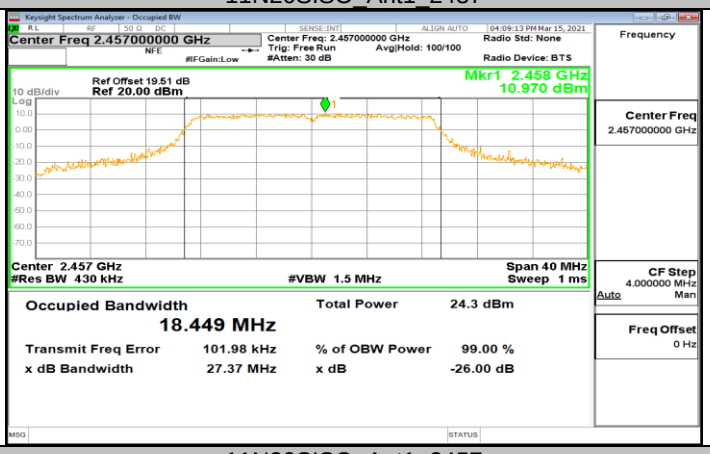
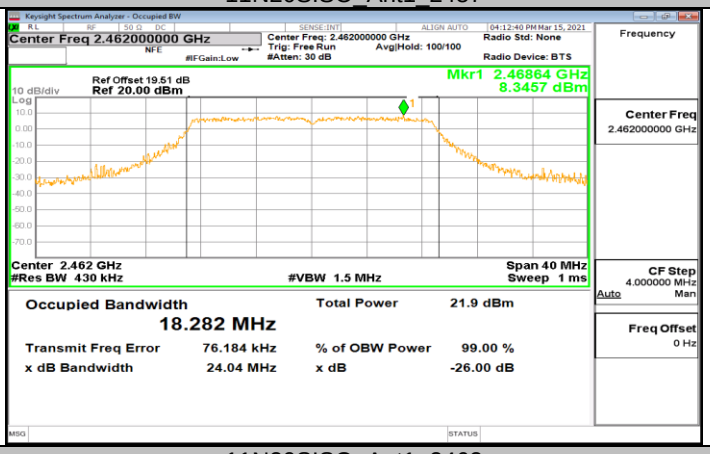


11N20SISO_Ant1_2437



11N20SISO_Ant1_2457



11N20SISO_Ant1_2462

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11.3. Appendix C: Maximum AVG conducted output power

11.3.1. Test Result

Test Mode	Antenna	Channel	conducted output power Result[dBm]	EIRP Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	21.03	24.03	<=30	PASS
		2417	21.69	24.69	<=30	PASS
		2437	22.15	25.15	<=30	PASS
		2457	21.17	24.17	<=30	PASS
		2462	20.59	23.59	<=30	PASS
11G	Ant1	2412	17.16	20.16	<=30	PASS
		2417	19.85	22.85	<=30	PASS
		2437	19.87	22.87	<=30	PASS
		2457	18.72	21.72	<=30	PASS
		2462	16.46	19.46	<=30	PASS
11N20SISO	Ant1	2412	16.87	19.87	<=30	PASS
		2417	19.38	22.38	<=30	PASS
		2437	19.84	22.84	<=30	PASS
		2457	18.26	21.26	<=30	PASS
		2462	15.98	18.98	<=30	PASS

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11.4. Appendix D: Maximum power spectral density

11.4.1. Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-0.95	<=8	PASS
		2417	0.91	<=8	PASS
		2437	0.22	<=8	PASS
		2457	-0.14	<=8	PASS
		2462	-0.99	<=8	PASS
11G	Ant1	2412	-8.41	<=8	PASS
		2417	-6.08	<=8	PASS
		2437	-4.72	<=8	PASS
		2457	-6.66	<=8	PASS
		2462	-9.03	<=8	PASS
11N20SISO	Ant1	2412	-7.73	<=8	PASS
		2417	-5.39	<=8	PASS
		2437	-5.24	<=8	PASS
		2457	-7.54	<=8	PASS
		2462	-9.29	<=8	PASS

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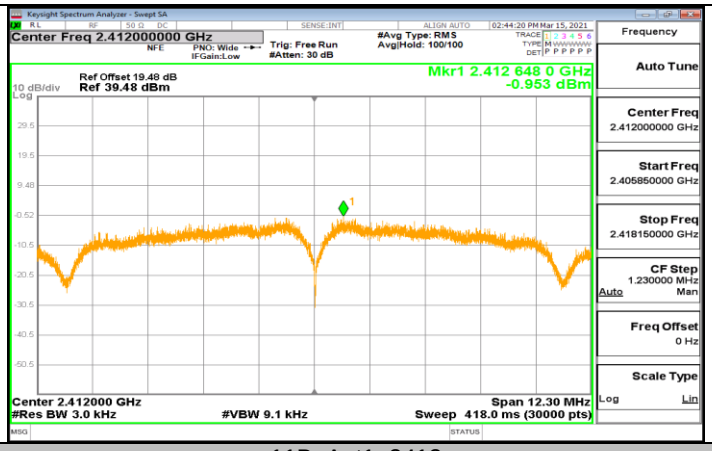
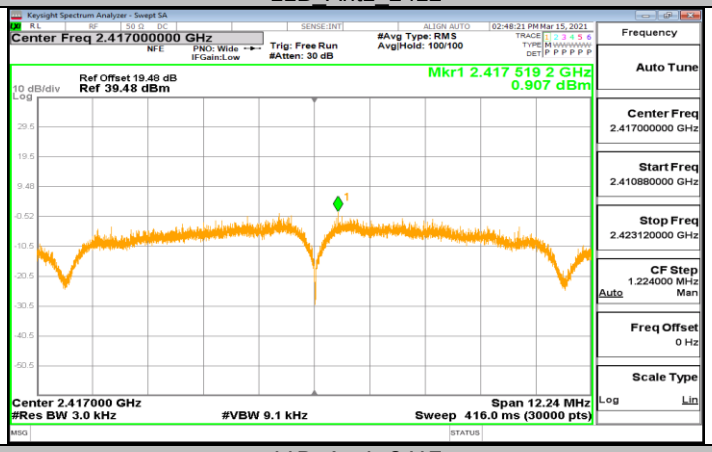
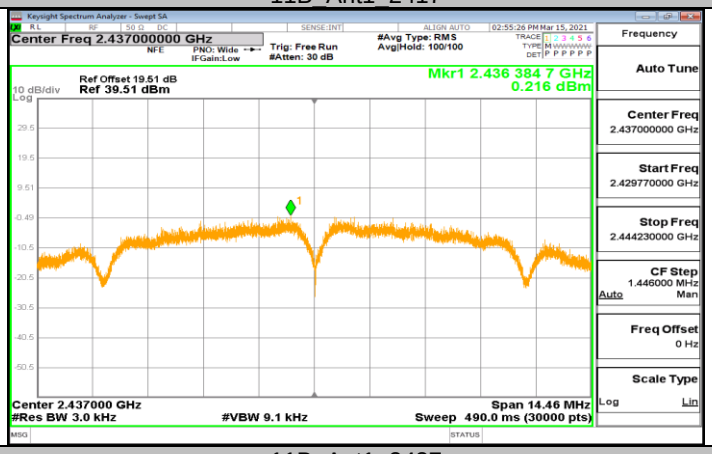
11.4.2. Test Graphs



11B_Ant1_2412



11B_Ant1_2417



11B_Ant1_2437

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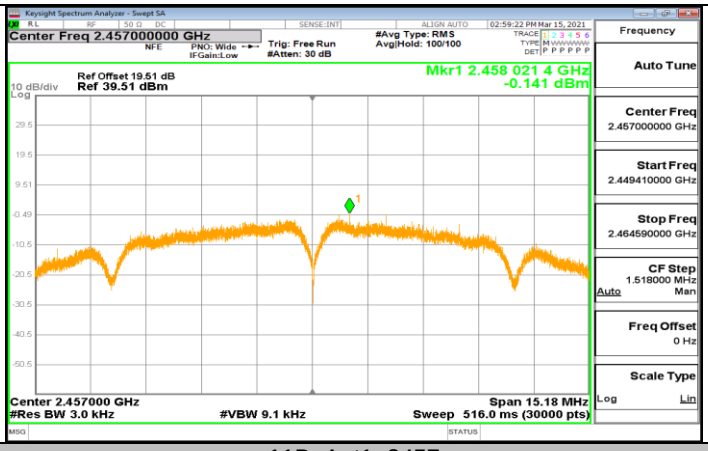
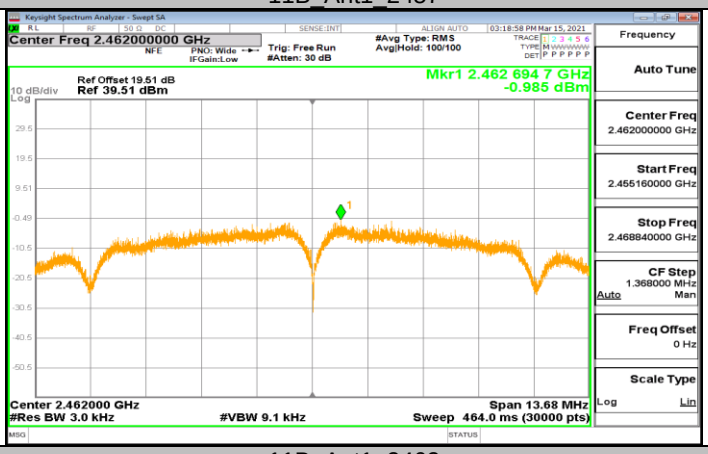
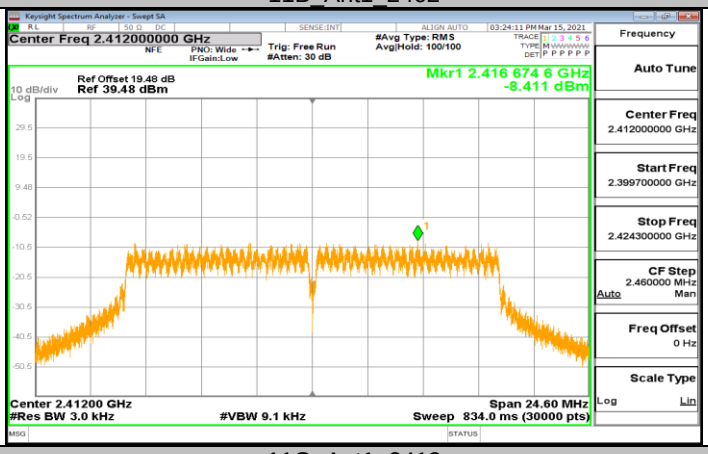


11B_Ant1_2457



11B_Ant1_2462



11G_Ant1_2412

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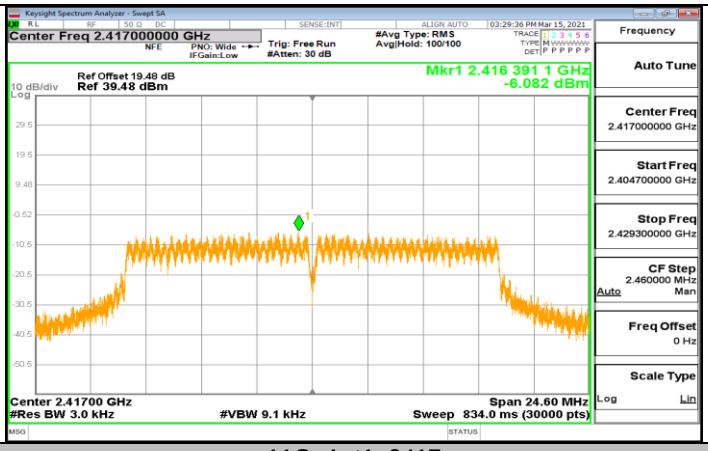
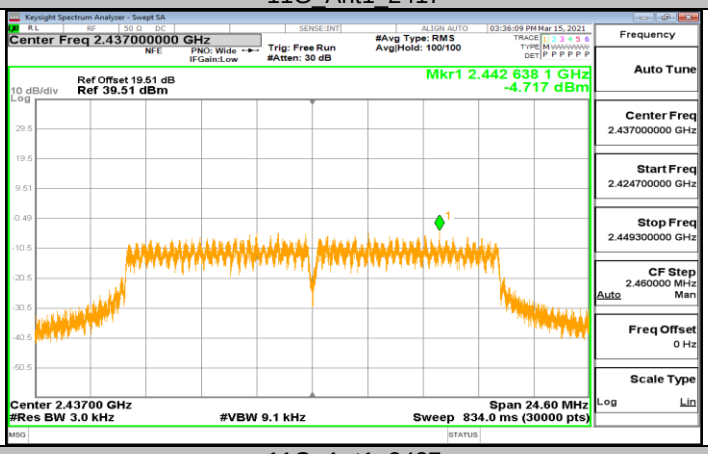


11G_Ant1_2417



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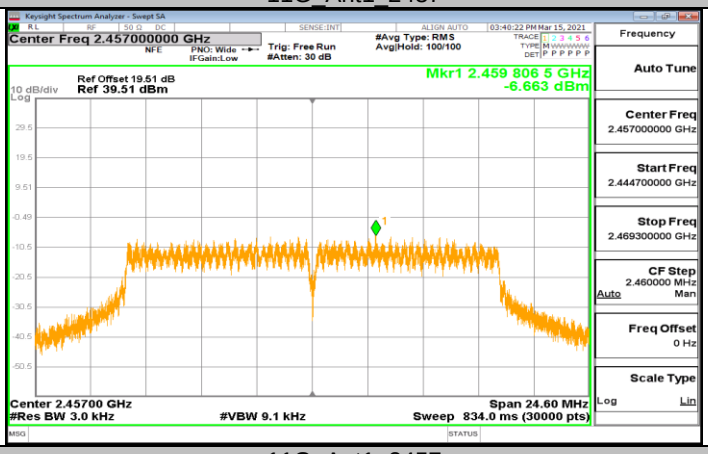

11G_Ant1_2457

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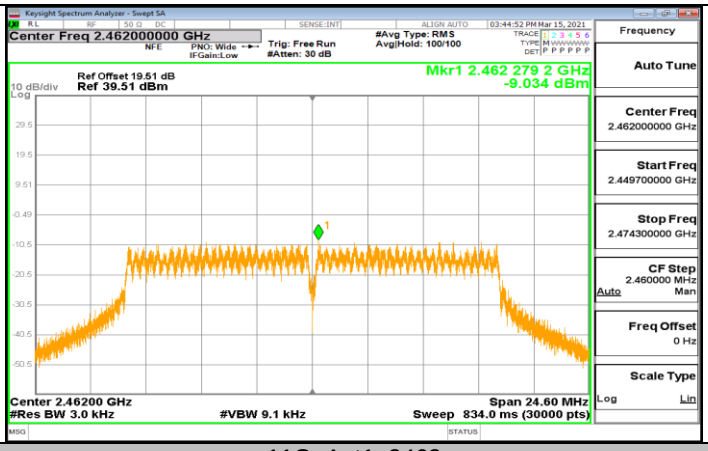
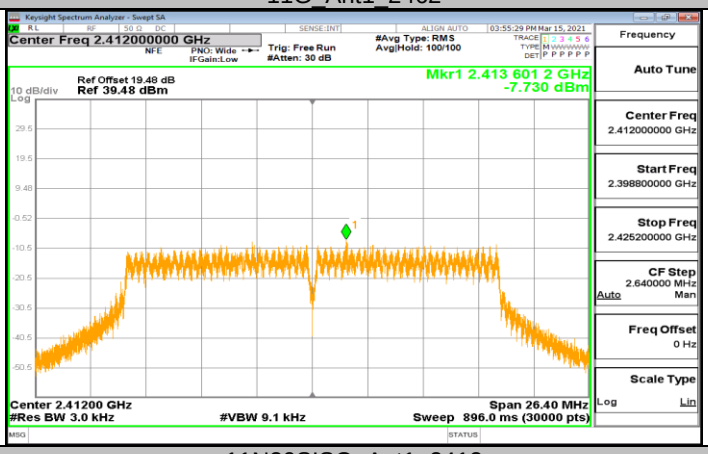
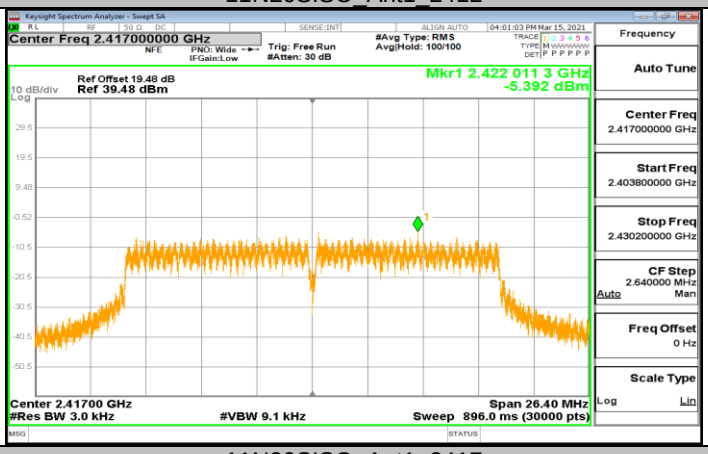


11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2417

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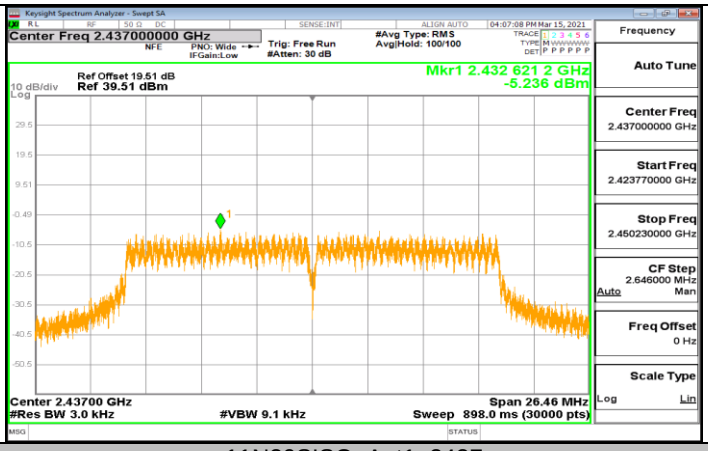
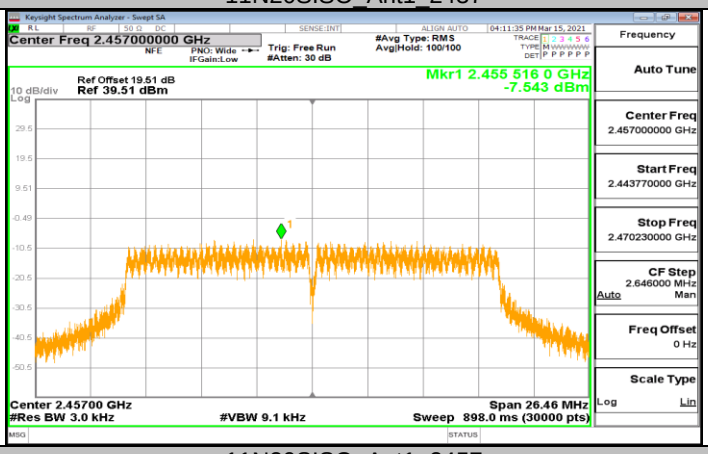
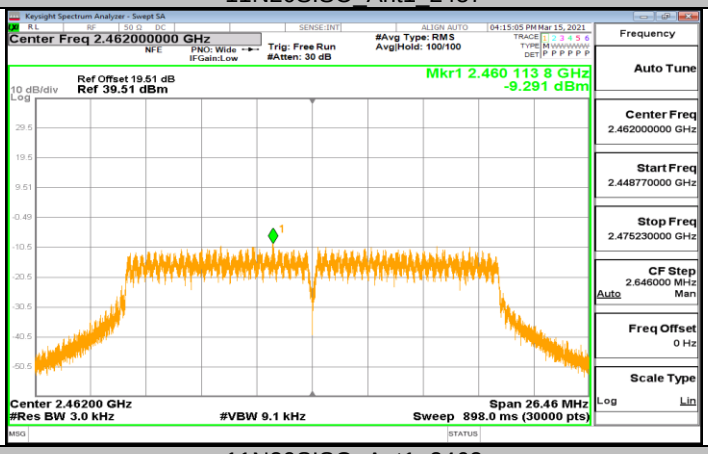


11N20SISO_Ant1_2437



11N20SISO_Ant1_2457



11N20SISO_Ant1_2462

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11.5. Appendix E: Band edge measurements

11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	12.10	-29.9	<=-17.9	PASS
			2417	12.81	-37.22	<=-17.19	PASS
		High	2457	11.78	-40.57	<=-18.22	PASS
			2462	11.80	-39.92	<=-18.2	PASS
11G	Ant1	Low	2412	5.72	-26.27	<=-24.28	PASS
			2417	8.80	-23.56	<=-21.2	PASS
		High	2457	7.49	-38.22	<=-22.51	PASS
			2462	5.10	-36.54	<=-24.9	PASS
11N20SISO	Ant1	Low	2412	5.47	-26.94	<=-24.53	PASS
			2417	7.95	-24.96	<=-22.05	PASS
		High	2457	7.04	-39.55	<=-22.96	PASS
			2462	4.04	-36.92	<=-25.96	PASS

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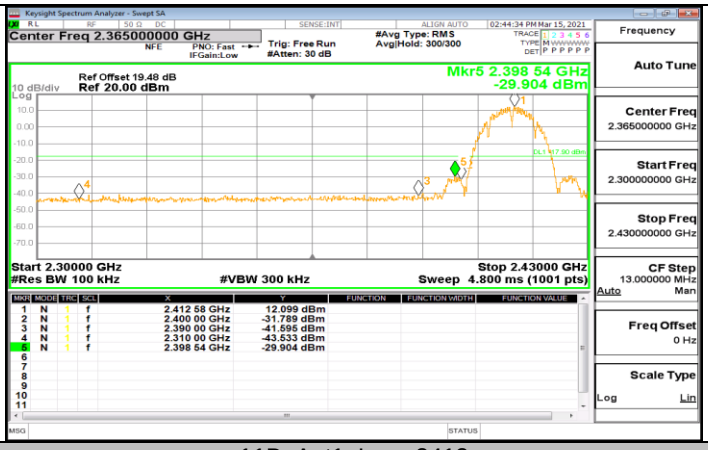
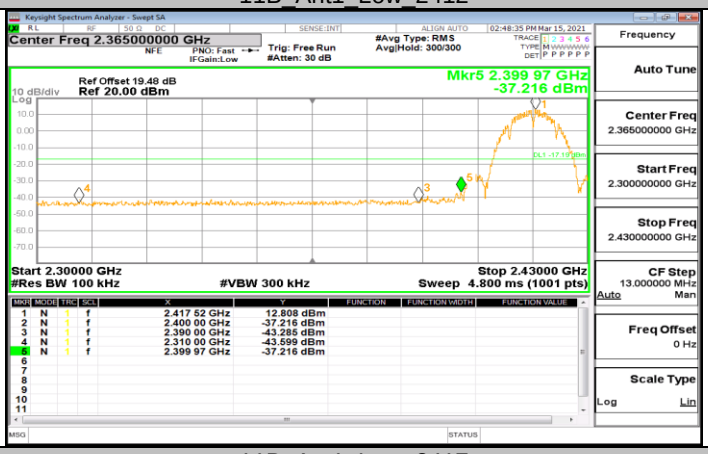
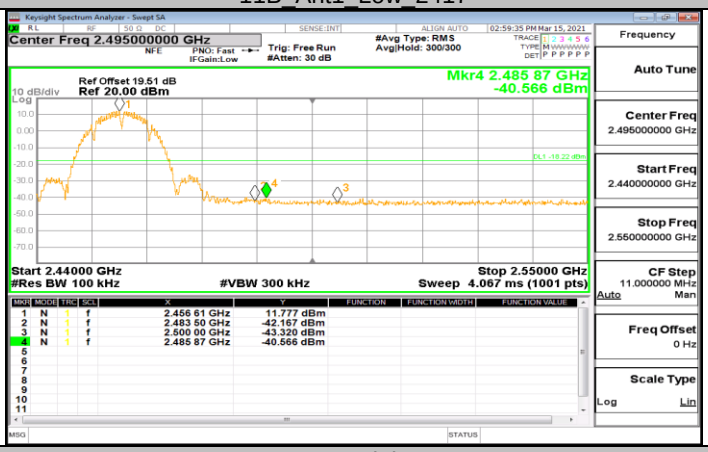
11.5.2. Test Graphs



11B_Ant1_Low_2412



11B_Ant1_Low_2417



11B_Ant1_High_2457

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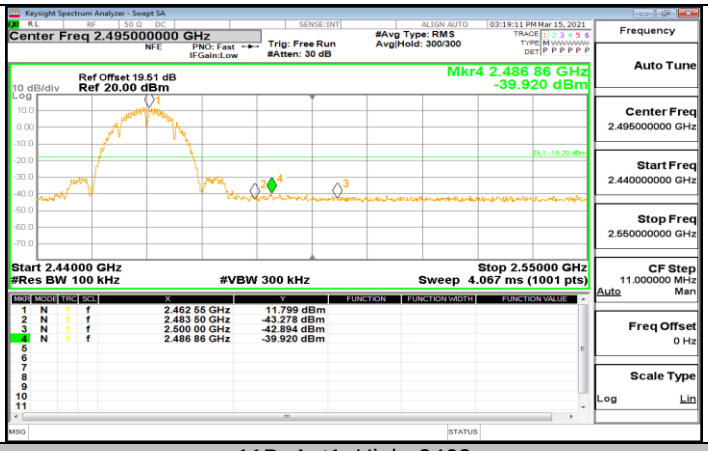

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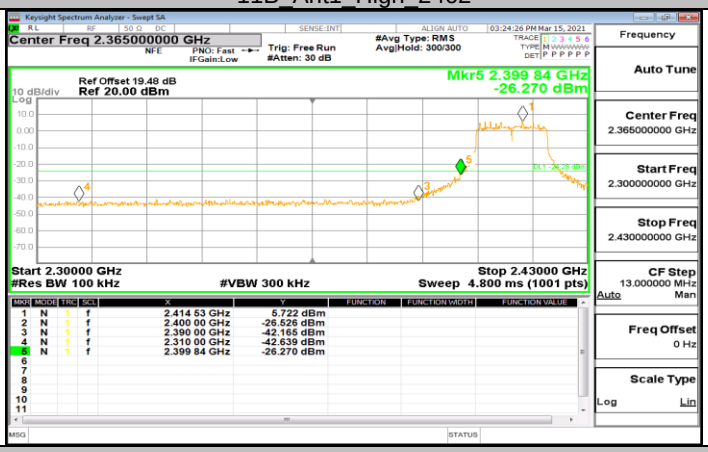
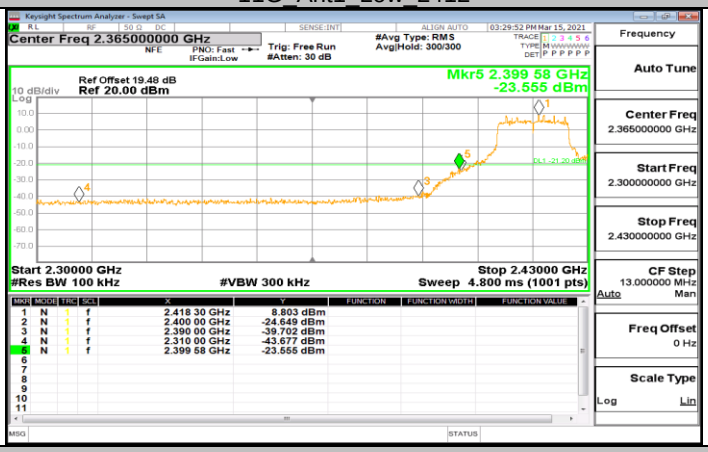


11G_Ant1_Low_2412



11G_Ant1_Low_2417

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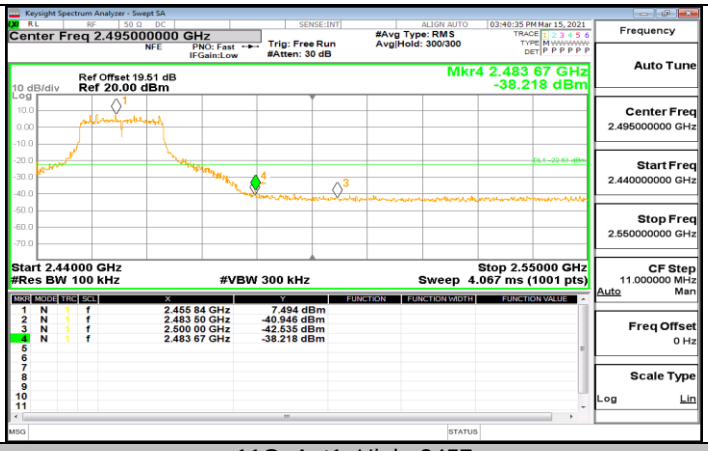
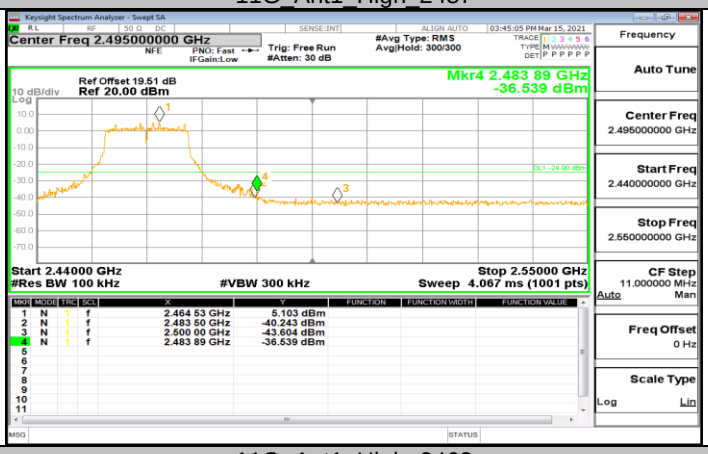
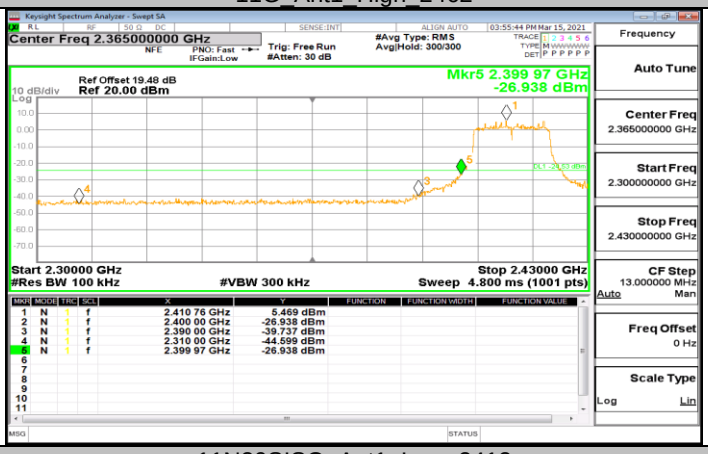


11G_Ant1_High_2457



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

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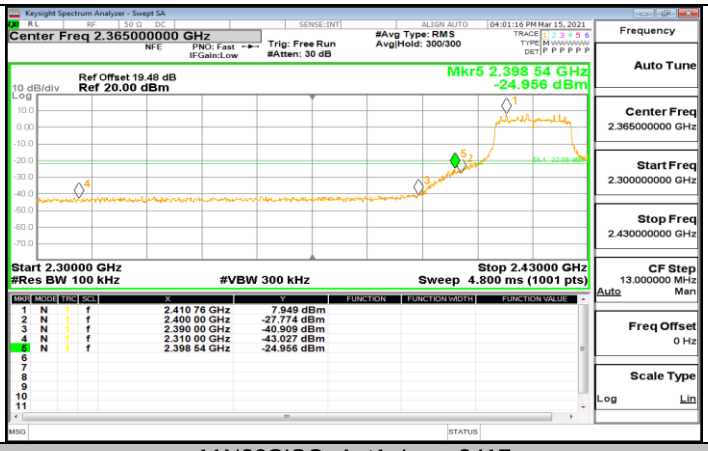
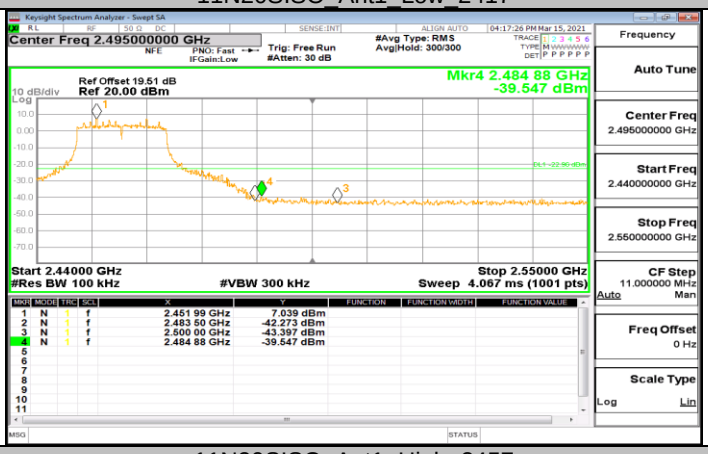
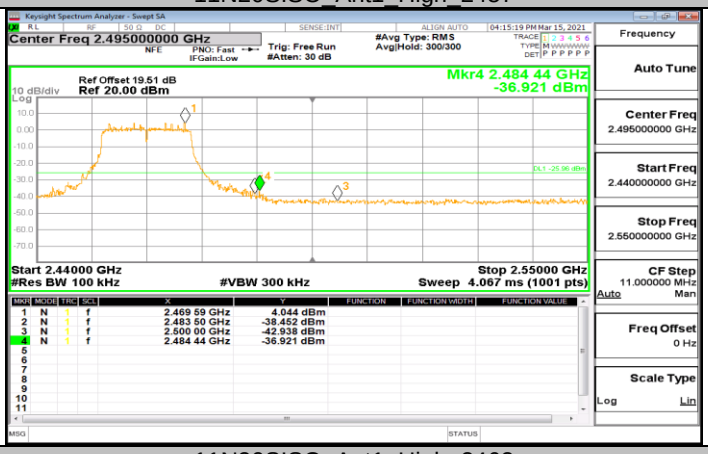


11N20SISO_Ant1_Low_2417



11N20SISO_Ant1_High_2457



11N20SISO_Ant1_High_2462

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11.6. Appendix F: Conducted Spurious Emission

11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	12.44	12.44	---	PASS
			30~1000	12.44	-53.58	<=-17.56	PASS
			1000~26500	12.44	-44.19	<=-17.56	PASS
		2417	Reference	13.05	13.05	---	PASS
			30~1000	13.05	-53.46	<=-16.95	PASS
			1000~26500	13.05	-43.51	<=-16.95	PASS
		2437	Reference	12.91	12.91	---	PASS
			30~1000	12.91	-53.54	<=-17.09	PASS
			1000~26500	12.91	-44.23	<=-17.09	PASS
		2457	Reference	12.52	12.52	---	PASS
			30~1000	12.52	-52.49	<=-17.48	PASS
			1000~26500	12.52	-43.1	<=-17.48	PASS
		2462	Reference	11.61	11.61	---	PASS
			30~1000	11.61	-53.86	<=-18.39	PASS
			1000~26500	11.61	-44.38	<=-18.39	PASS
11G	Ant1	2412	Reference	5.75	5.75	---	PASS
			30~1000	5.75	-53.21	<=-24.25	PASS
			1000~26500	5.75	-44.08	<=-24.25	PASS
		2417	Reference	8.64	8.64	---	PASS
			30~1000	8.64	-53.87	<=-21.36	PASS
			1000~26500	8.64	-44.49	<=-21.36	PASS
		2437	Reference	8.28	8.28	---	PASS
			30~1000	8.28	-52.32	<=-21.72	PASS
			1000~26500	8.28	-44.58	<=-21.72	PASS
		2457	Reference	6.27	6.27	---	PASS
			30~1000	6.27	-52.74	<=-23.73	PASS
			1000~26500	6.27	-44.81	<=-23.73	PASS
		2462	Reference	4.44	4.44	---	PASS
			30~1000	4.44	-53.39	<=-25.56	PASS
			1000~26500	4.44	-44.71	<=-25.56	PASS
11N20SISO	Ant1	2412	Reference	4.97	4.97	---	PASS
			30~1000	4.97	-52.87	<=-25.03	PASS
			1000~26500	4.97	-44.79	<=-25.03	PASS
		2417	Reference	6.73	6.73	---	PASS
			30~1000	6.73	-53.25	<=-23.27	PASS
			1000~26500	6.73	-44.18	<=-23.27	PASS
		2437	Reference	8.26	8.26	---	PASS
			30~1000	8.26	-51.88	<=-21.74	PASS
			1000~26500	8.26	-44.06	<=-21.74	PASS
		2457	Reference	6.47	6.47	---	PASS
			30~1000	6.47	-52.97	<=-23.53	PASS
			1000~26500	6.47	-44.53	<=-23.53	PASS
		2462	Reference	4.53	4.53	---	PASS
			30~1000	4.53	-52.64	<=-25.47	PASS
			1000~26500	4.53	-44.24	<=-25.47	PASS

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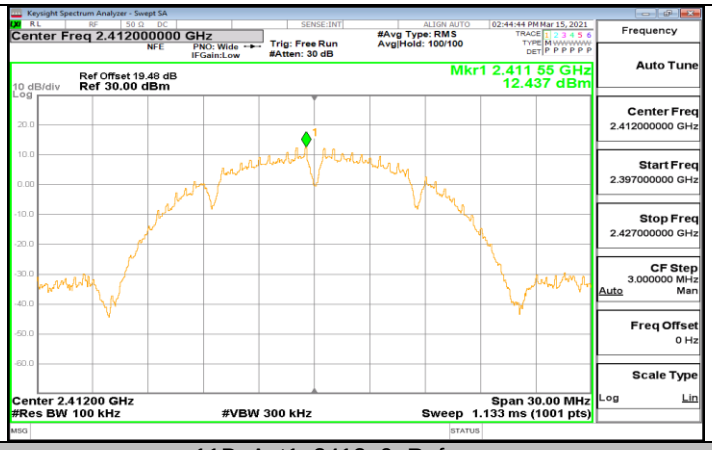
11.6.2. Test Graphs



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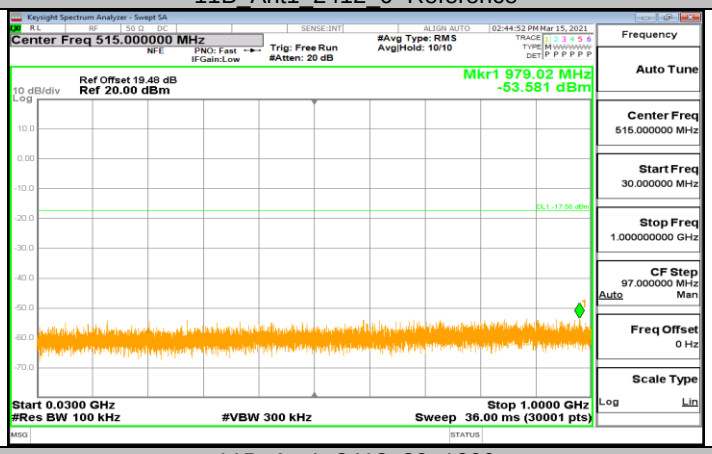

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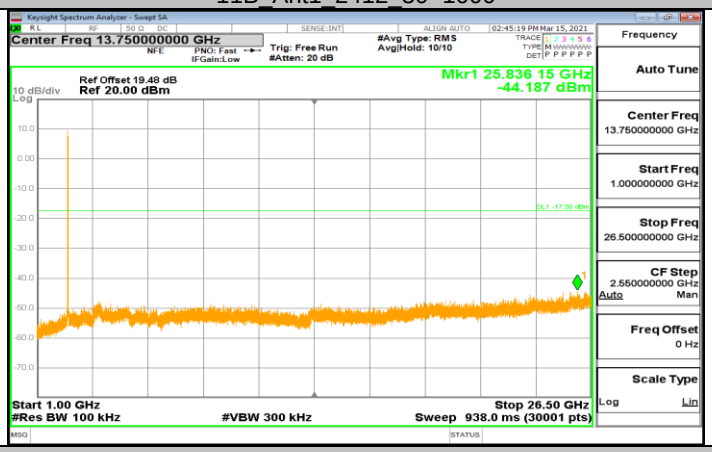

11B_Ant1_2412_1000~26500

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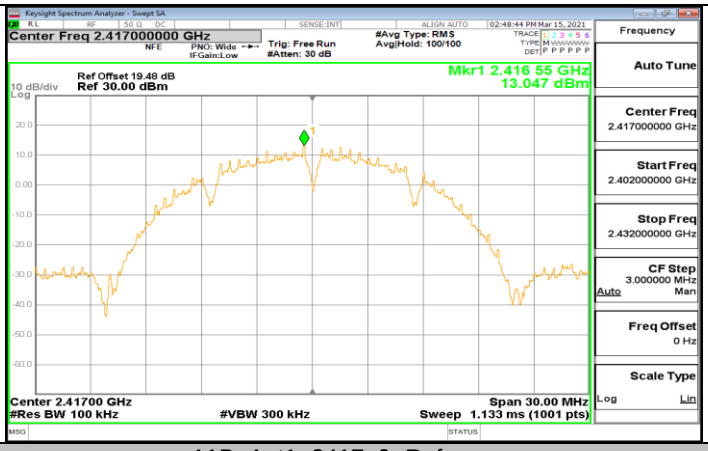
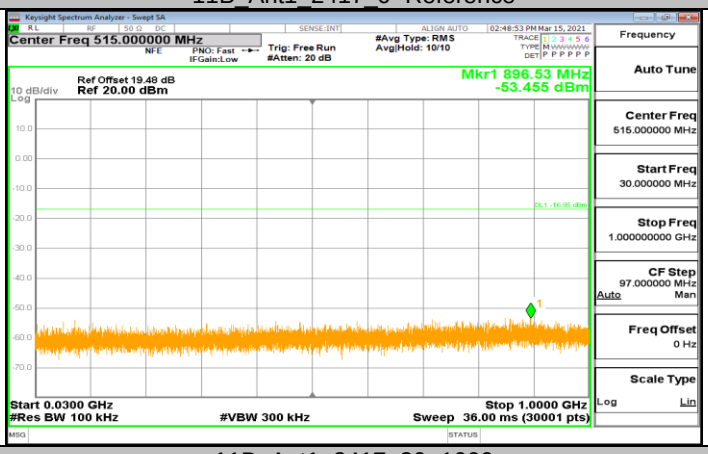


11B_Ant1_2417_0~Reference



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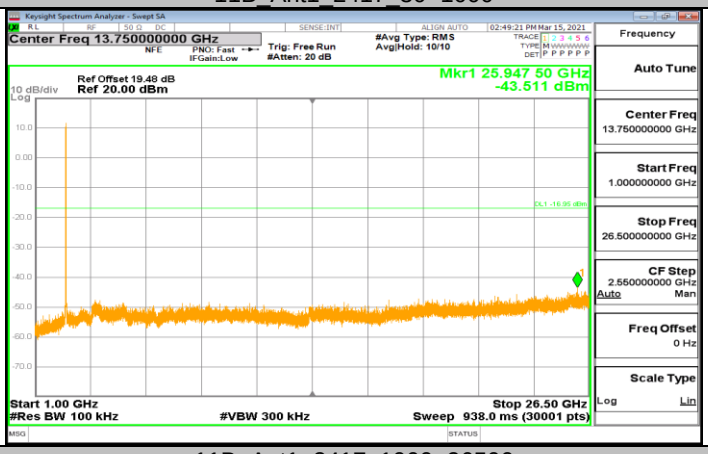

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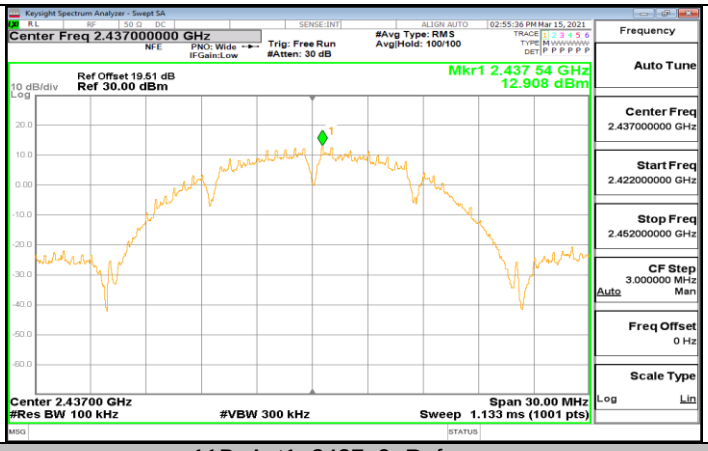

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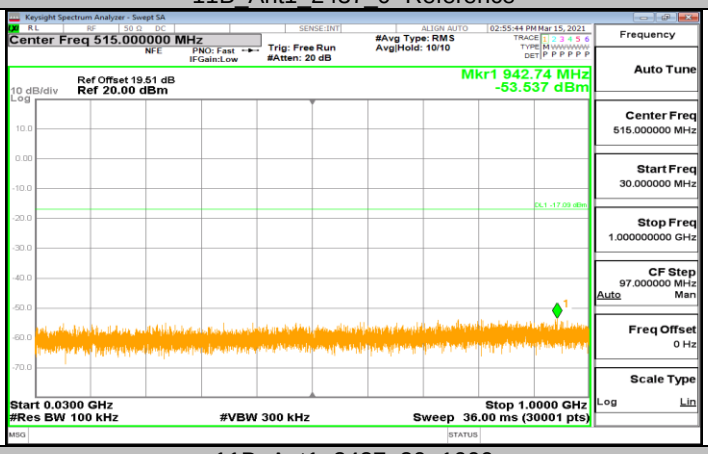

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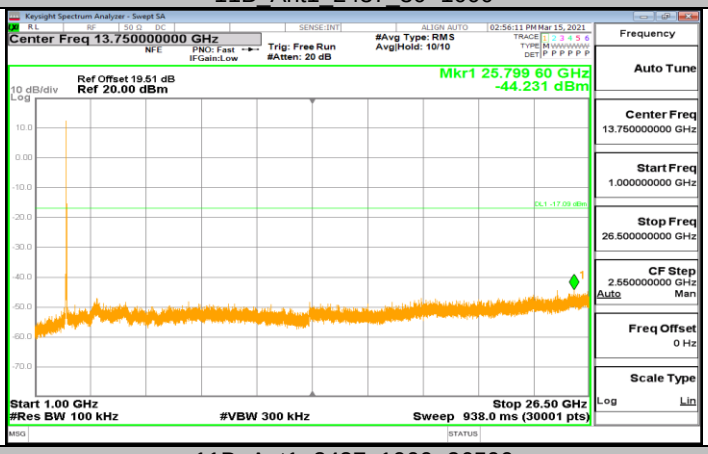

11B_Ant1_2437_1000~26500

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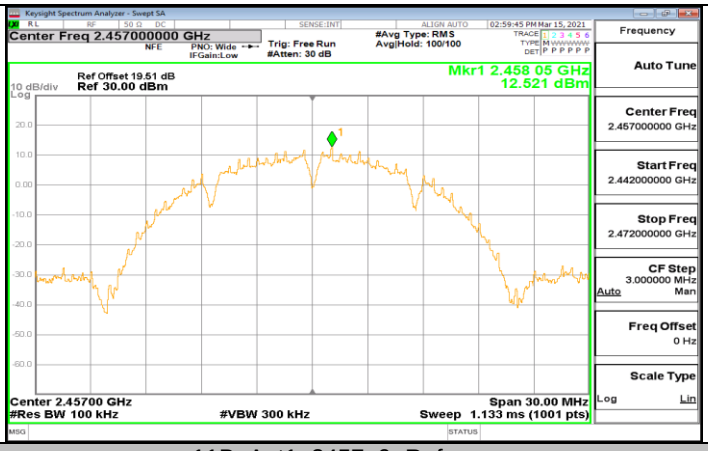

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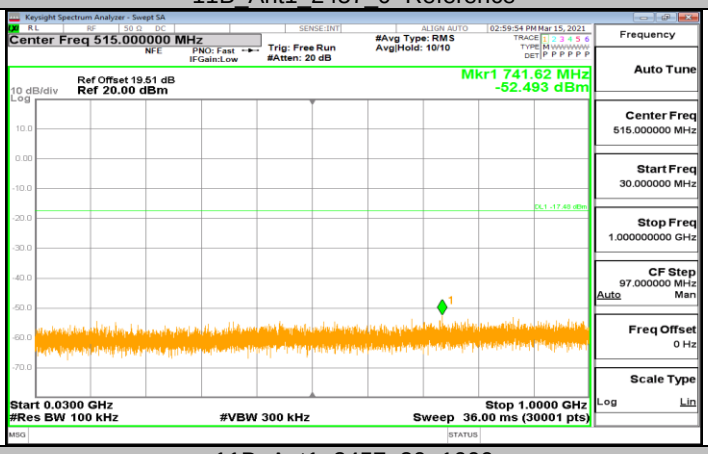

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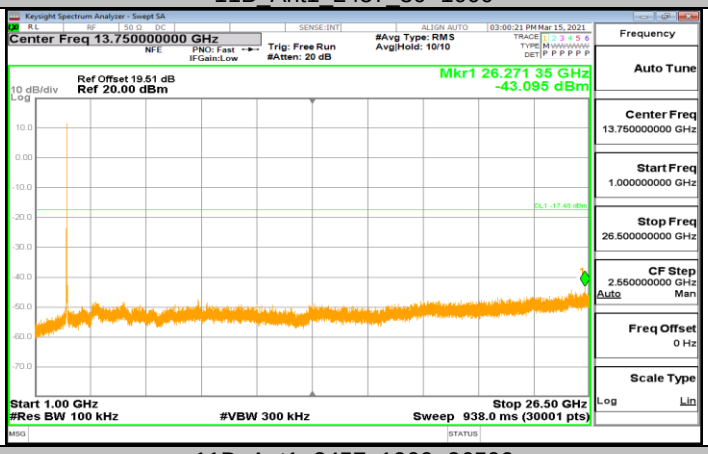

11B_Ant1_2457_1000~26500

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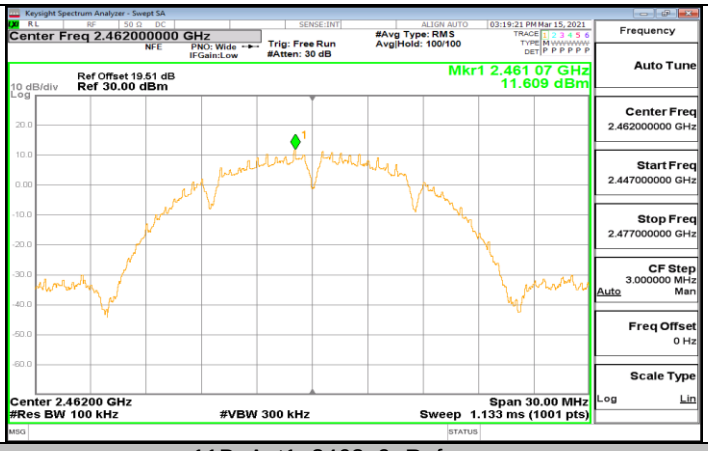
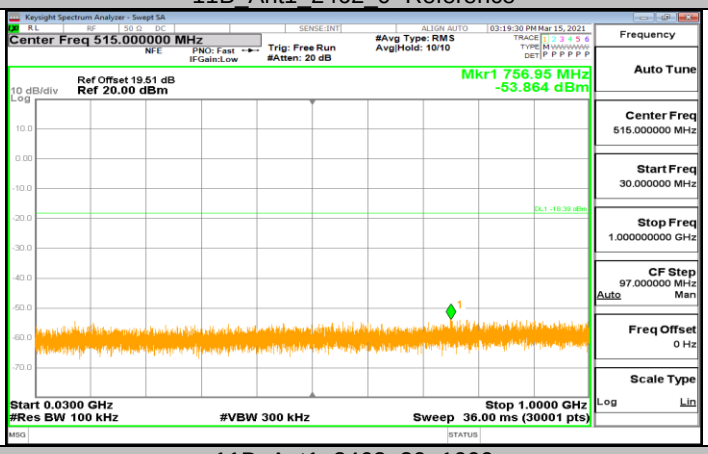
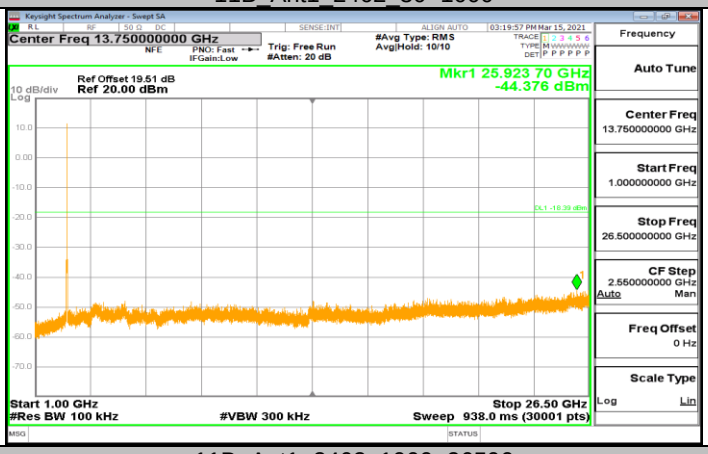


11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

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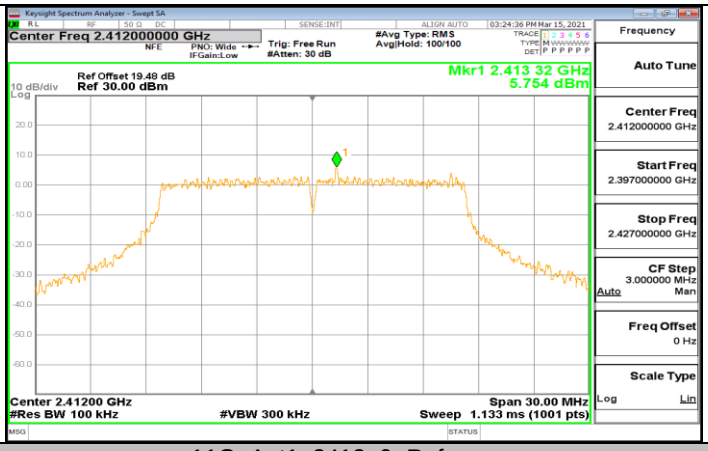
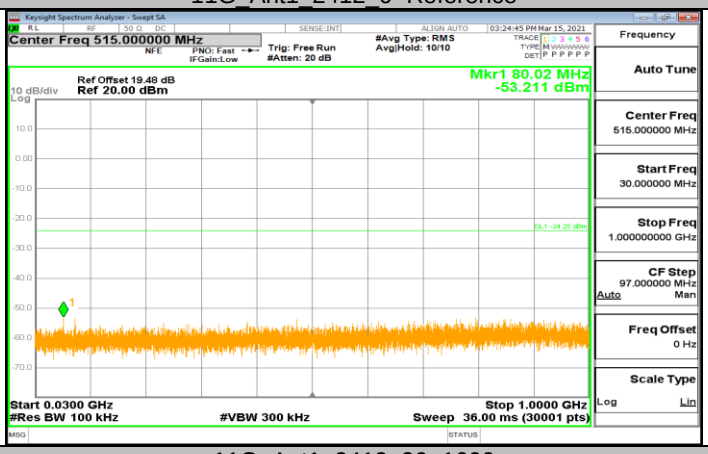


11G_Ant1_2412_0~Reference



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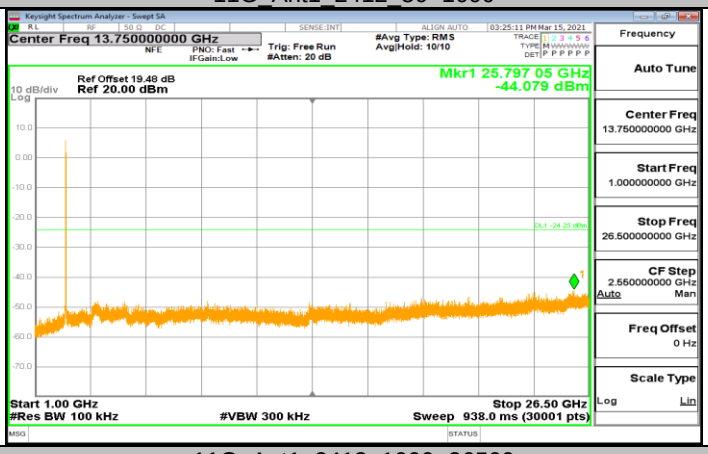

11G_Ant1_2412_1000~26500

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