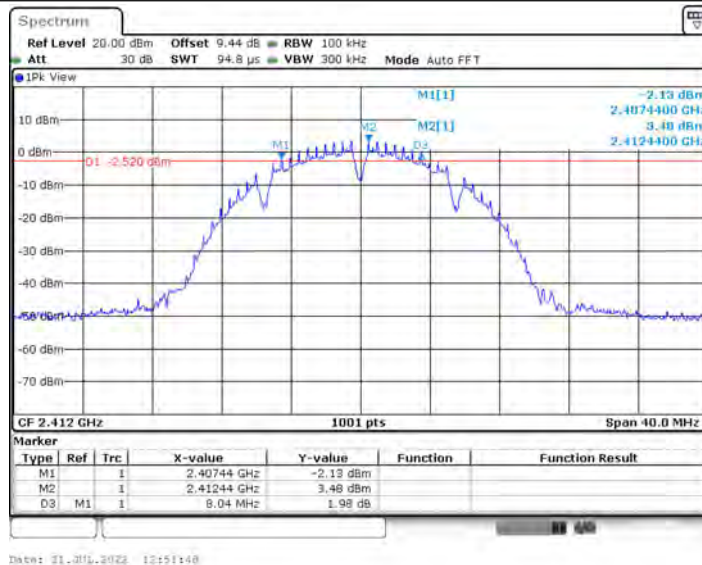


Appendix A: DTS Bandwidth

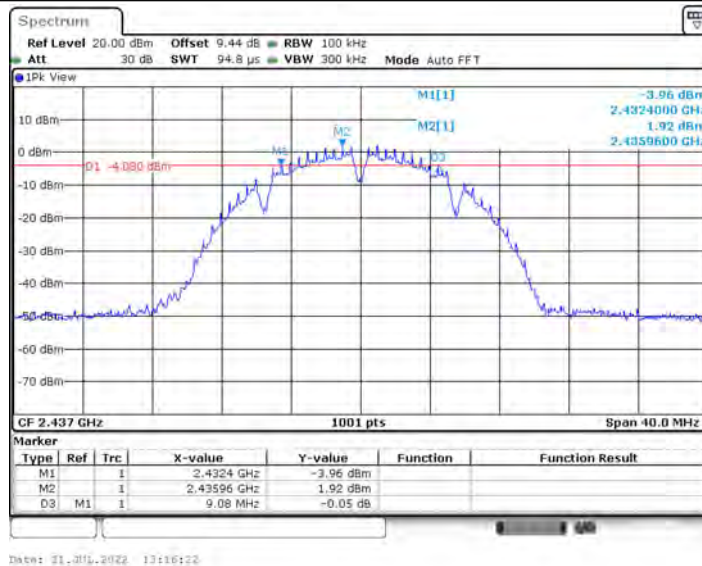
Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.04	2407.44	2415.48	0.5	PASS
		2437	9.08	2432.40	2441.48	0.5	PASS
		2462	9.04	2457.44	2466.48	0.5	PASS
11G	Ant1	2412	16.28	2403.80	2420.08	0.5	PASS
		2437	16.32	2428.76	2445.08	0.5	PASS
		2462	16.36	2453.76	2470.12	0.5	PASS
11N20SISO	Ant1	2412	17.32	2403.16	2420.48	0.5	PASS
		2437	17.56	2428.16	2445.72	0.5	PASS
		2462	17.56	2453.16	2470.72	0.5	PASS
11N40SISO	Ant1	2422	35.44	2404.08	2439.52	0.5	PASS
		2437	35.36	2419.24	2454.60	0.5	PASS
		2452	35.92	2433.84	2469.76	0.5	PASS

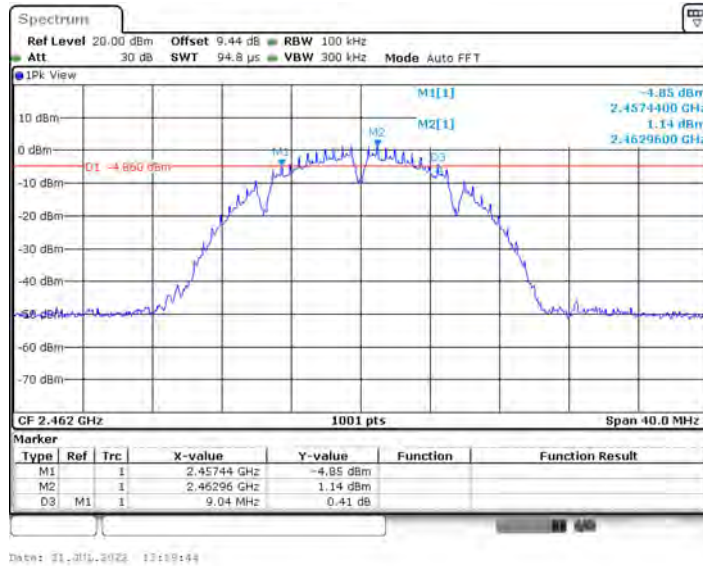
Test Graphs



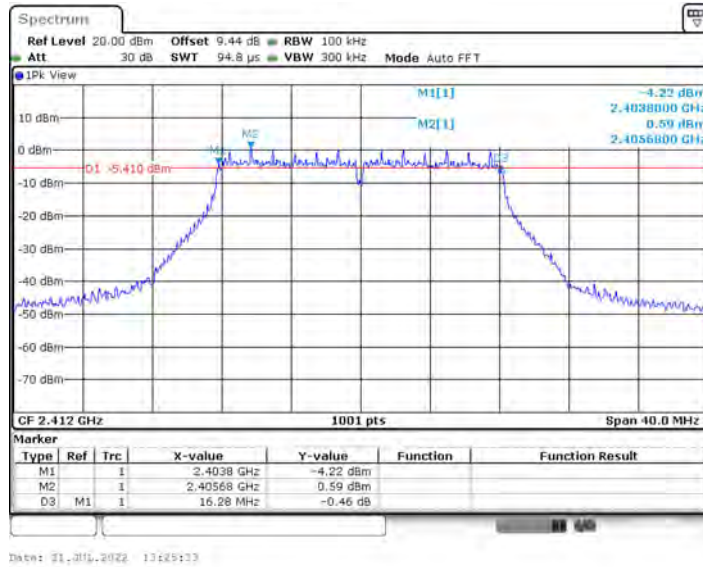
11B_Ant1_2412



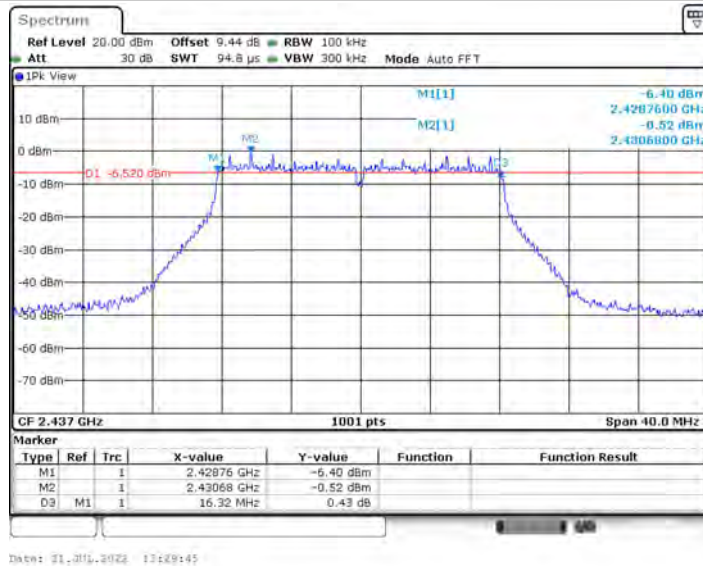
11B_Ant1_2437



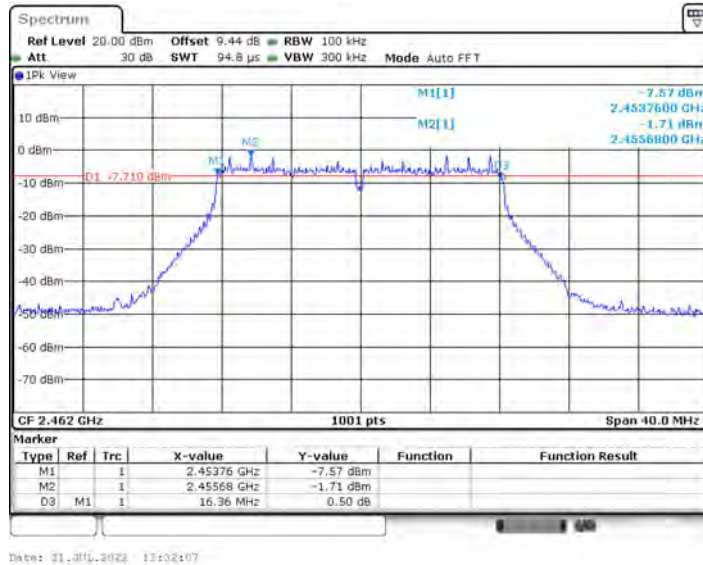
11B_Ant1_2462



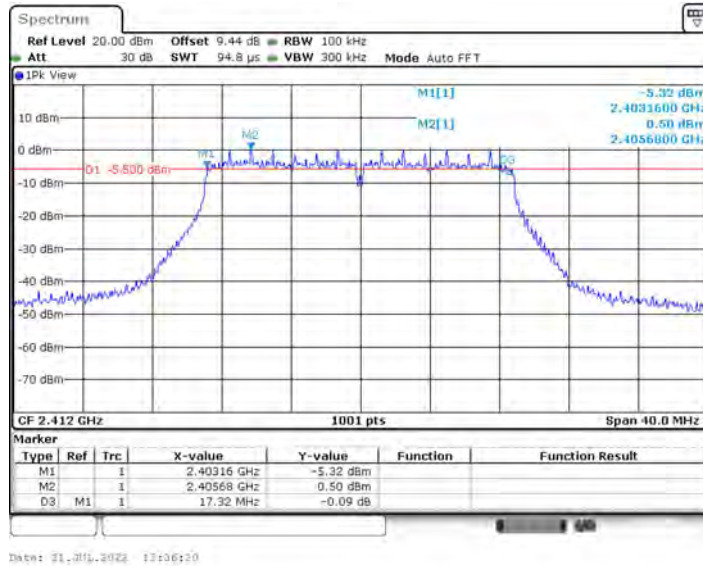
11G_Ant1_2412



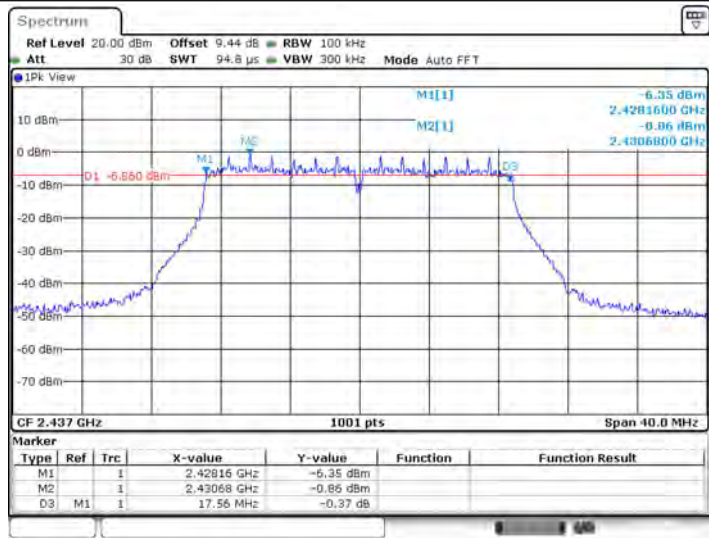
11G_Ant1_2437



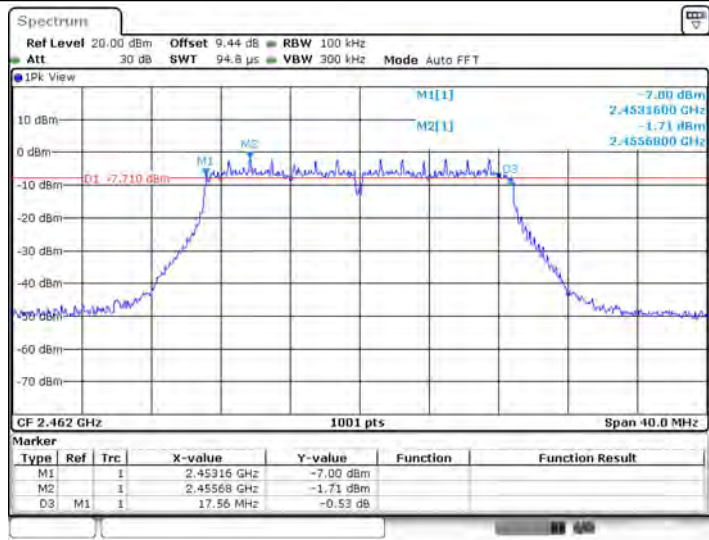
11G_Ant1_2462



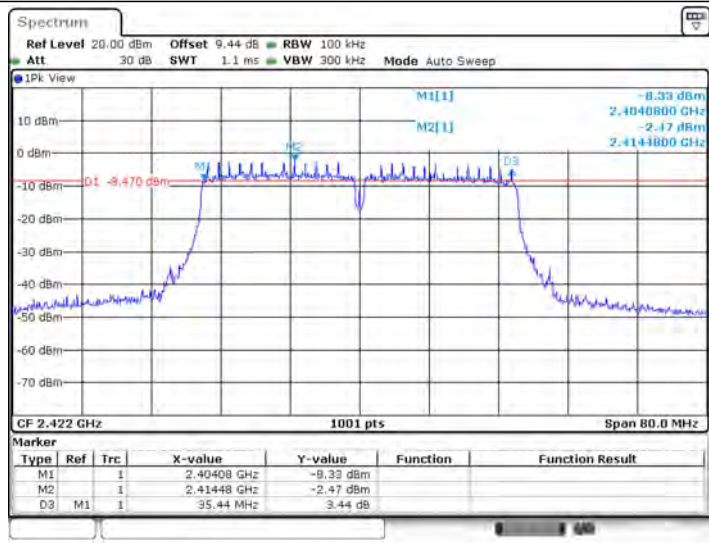
11N20SISO_Ant1_2412



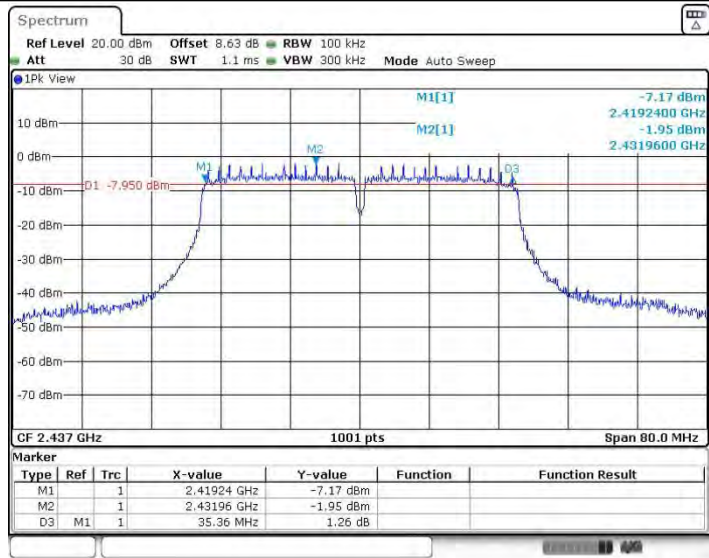
11N20SISO_Ant1_2437



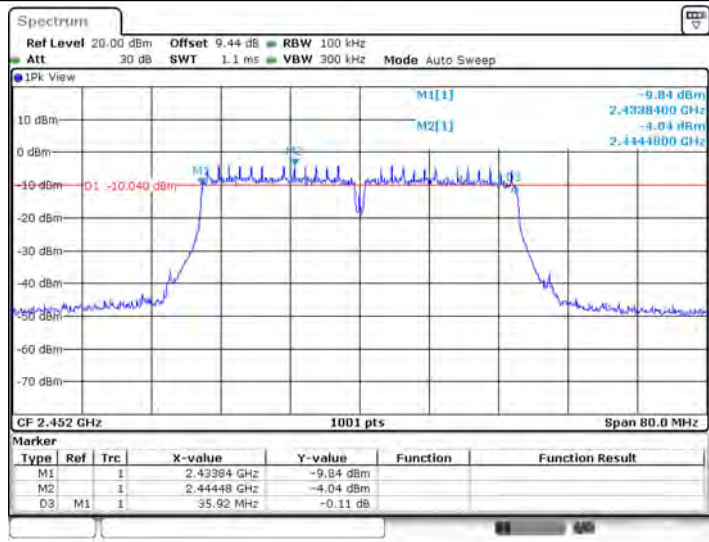
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



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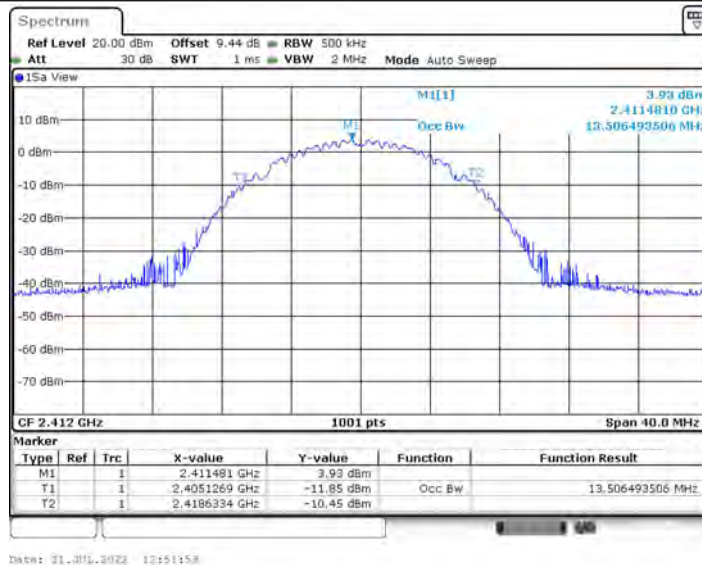
11N40SISO_Ant1_2452

Appendix B: Occupied Channel Bandwidth

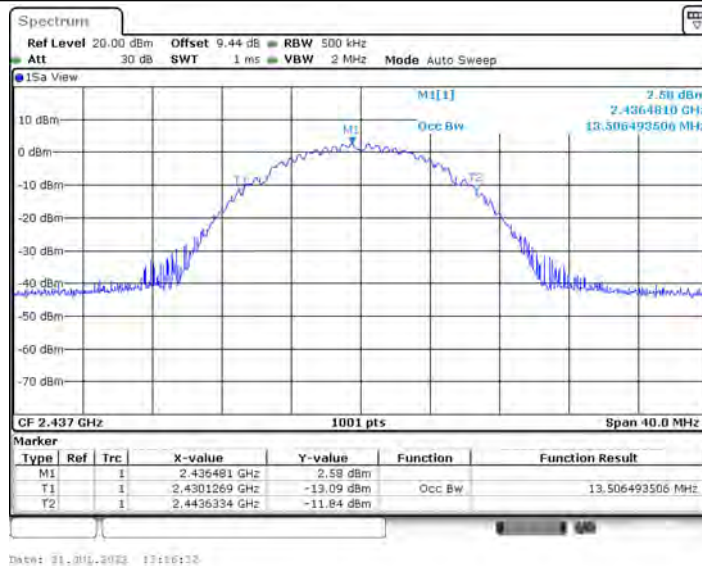
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.506	2405.127	2418.633	---	PASS
		2437	13.506	2430.127	2443.633	---	PASS
		2462	13.467	2455.167	2468.633	---	PASS
11G	Ant1	2412	17.502	2403.169	2420.671	---	PASS
		2437	17.383	2428.249	2445.631	---	PASS
		2462	17.383	2453.249	2470.631	---	PASS
11N20SISO	Ant1	2412	18.302	2402.769	2421.071	---	PASS
		2437	18.342	2427.809	2446.151	---	PASS
		2462	18.182	2452.889	2471.071	---	PASS
11N40SISO	Ant1	2422	36.523	2403.538	2440.062	---	PASS
		2437	36.603	2418.618	2455.222	---	PASS
		2452	36.523	2433.618	2470.142	---	PASS

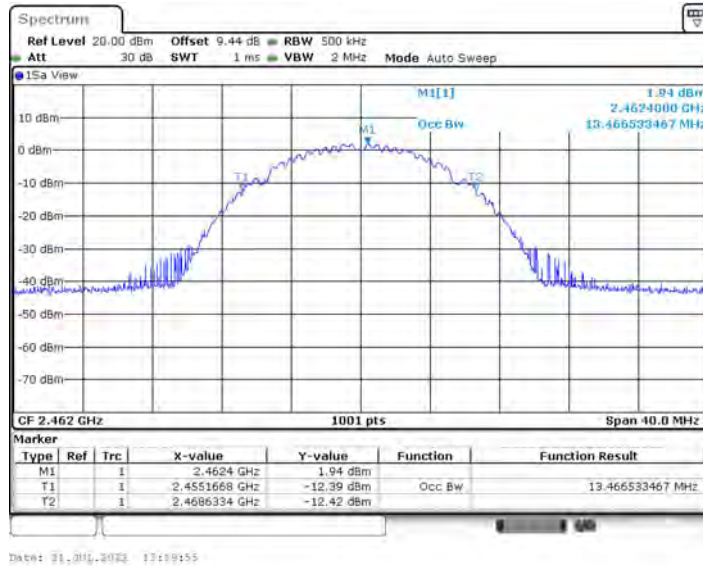
Test Graphs



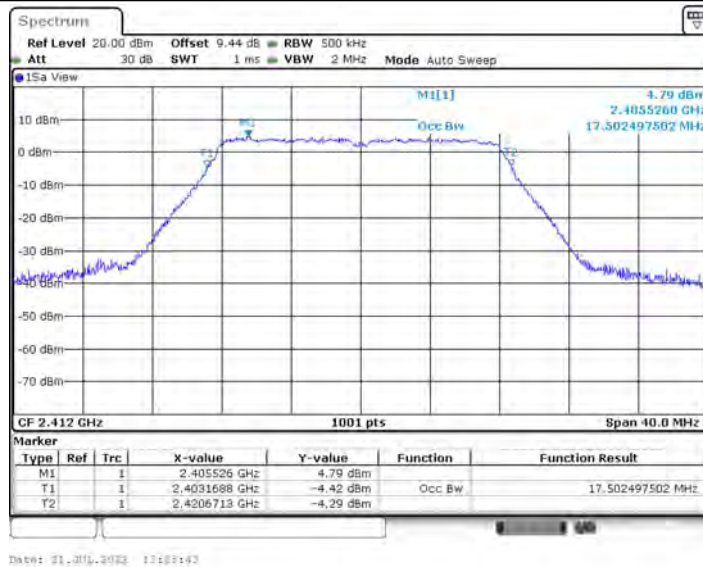
11B_Ant1_2412



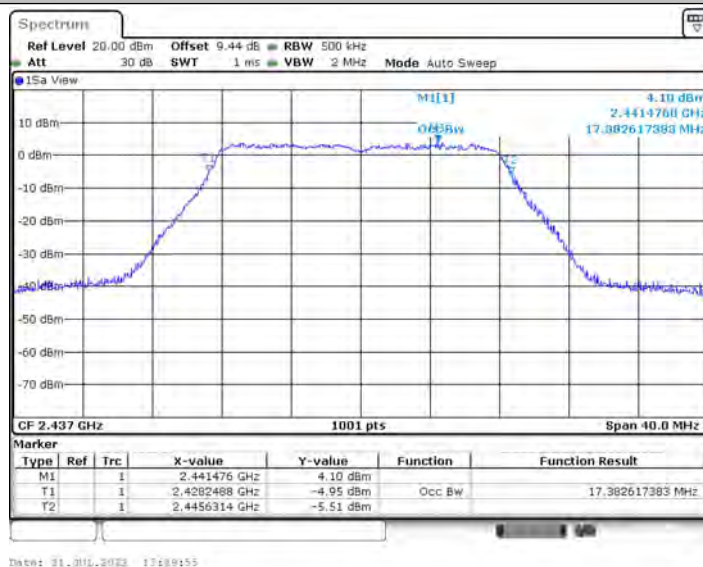
11B_Ant1_2437



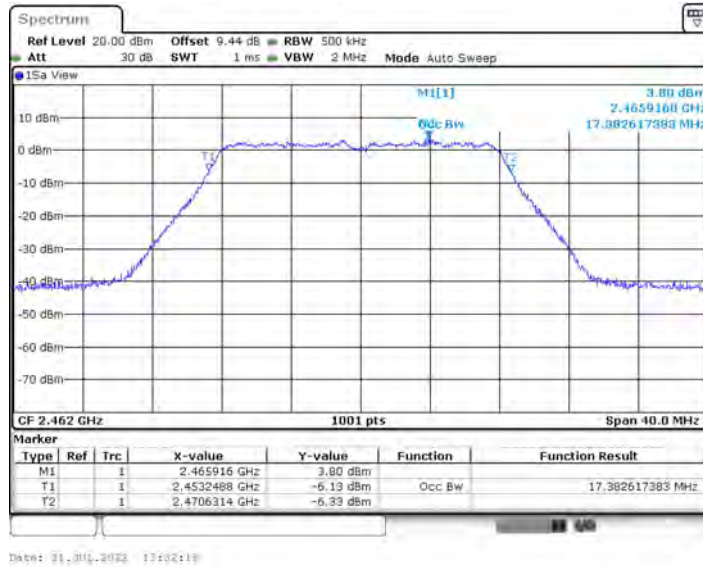
11B_Ant1_2462



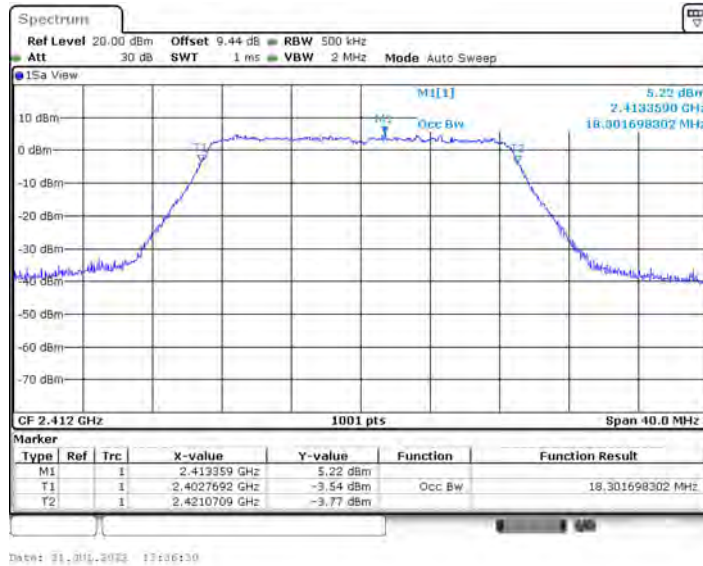
11G_Ant1_2412



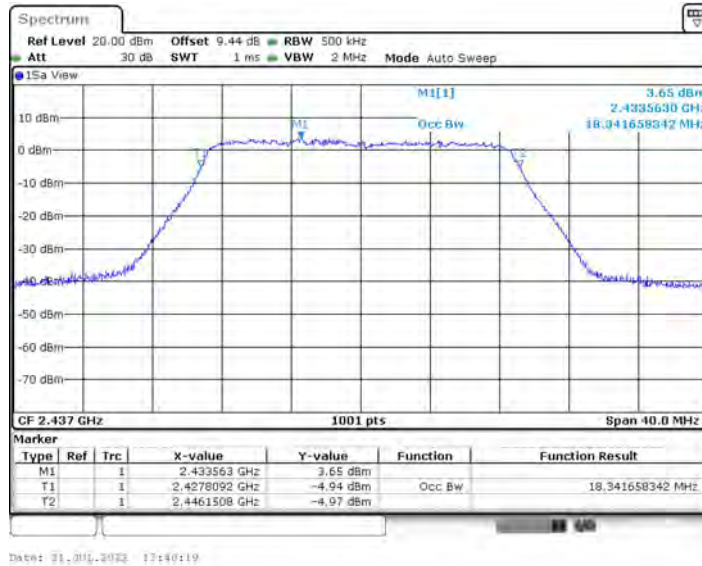
11G_Ant1_2437



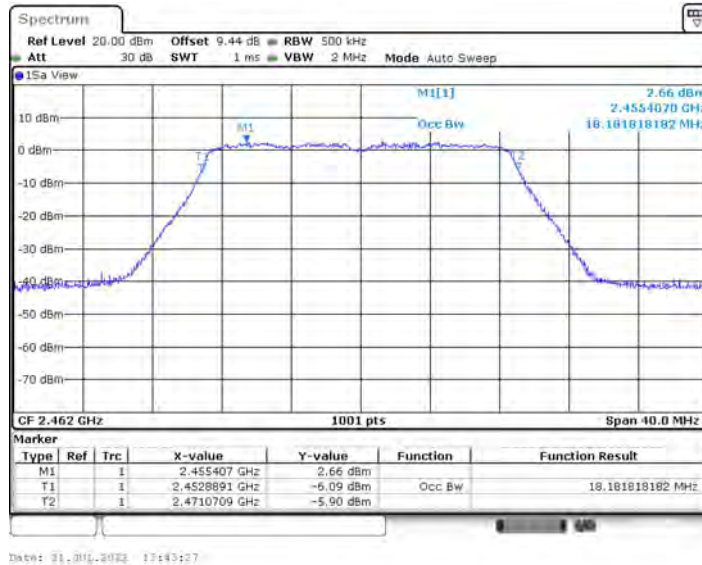
11G_Ant1_2462



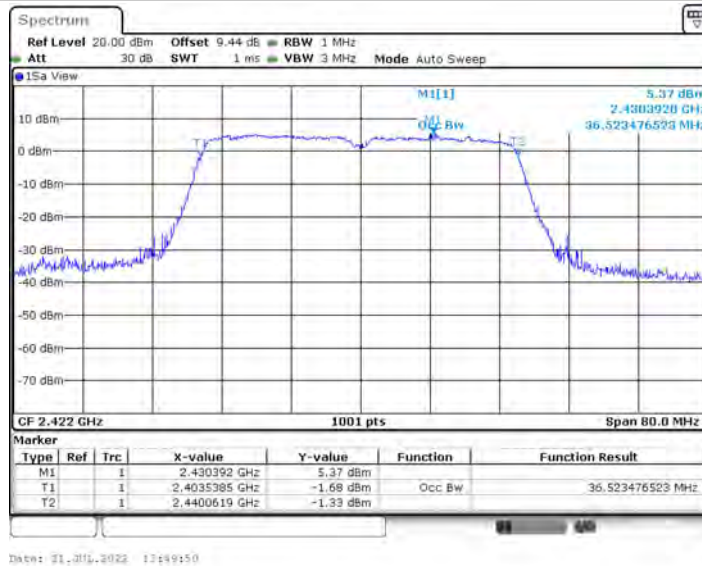
11N20SISO_Ant1_2412



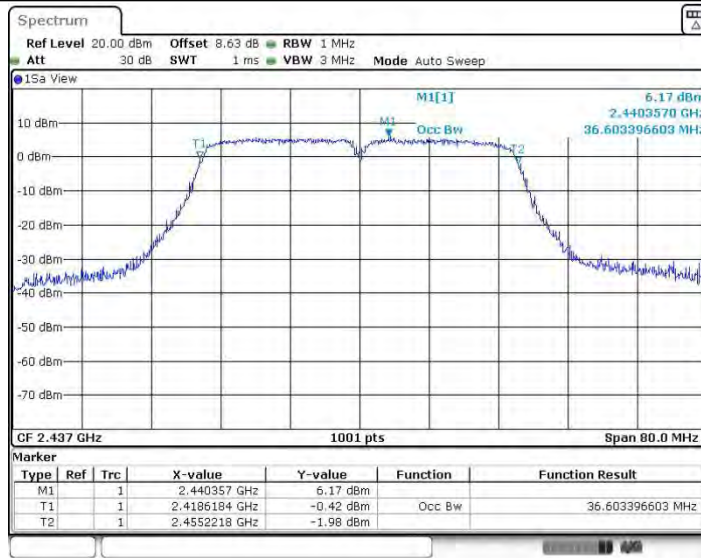
11N20SISO_Ant1_2437



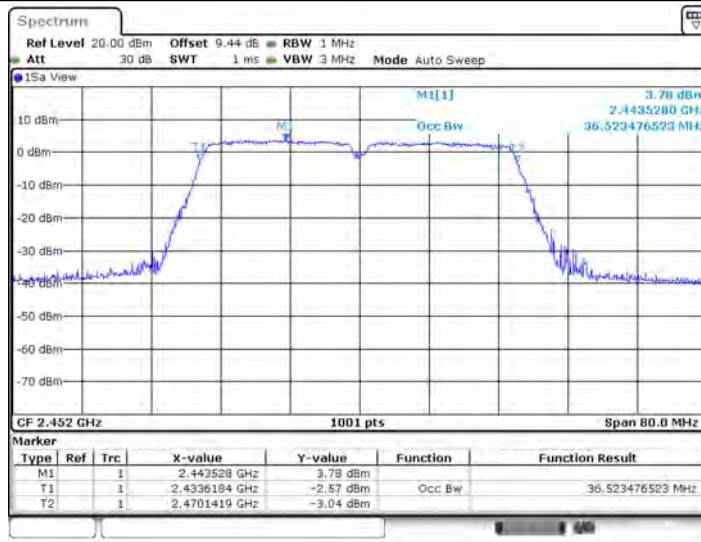
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



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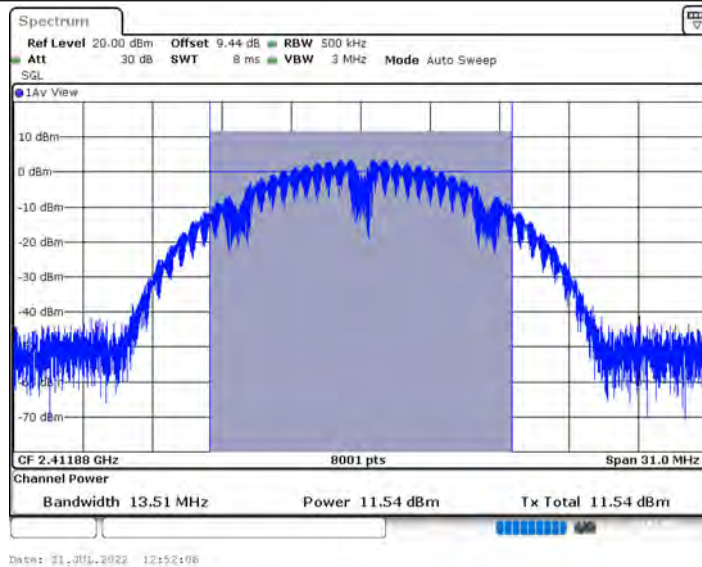
11N40SISO_Ant1_2452

Appendix C: Maximum conducted output power

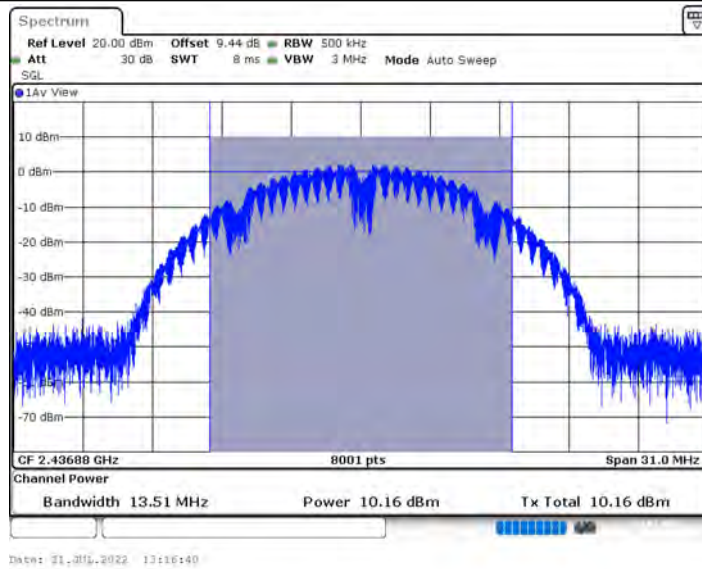
Test Result

TestMode	Antenna	Channel	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	11.54	≤30	13.69	≤36	PASS
		2437	---	10.16	≤30	12.31	≤36	PASS
		2462	---	9.51	≤30	11.66	≤36	PASS
11G	Ant1	2412	---	11.02	≤30	13.17	≤36	PASS
		2437	---	10.43	≤30	12.58	≤36	PASS
		2462	---	9.23	≤30	11.38	≤36	PASS
11N20SIS O	Ant1	2412	---	11.14	≤30	13.29	≤36	PASS
		2437	---	9.58	≤30	11.73	≤36	PASS
		2462	---	9.21	≤30	11.36	≤36	PASS
11N40SIS O	Ant1	2422	---	10.46	≤30	12.61	≤36	PASS
		2437	---	4.11	≤30	6.26	≤36	PASS
		2452	---	6.38	≤30	8.53	≤36	PASS

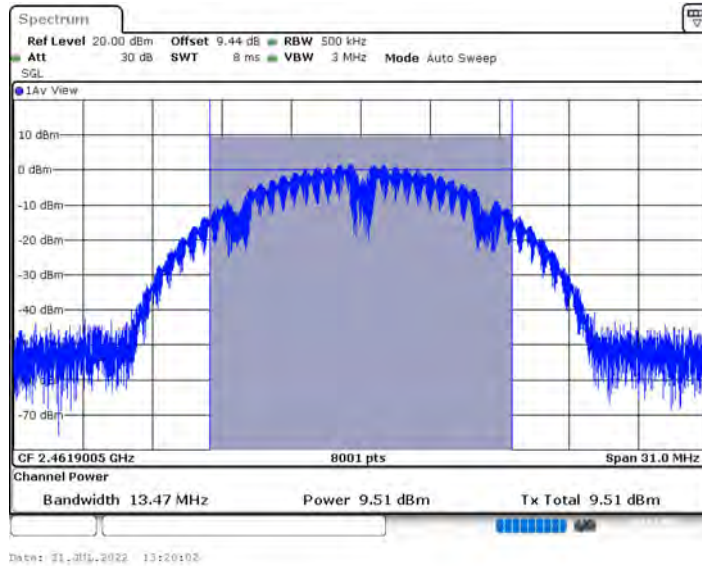
Test Graphs



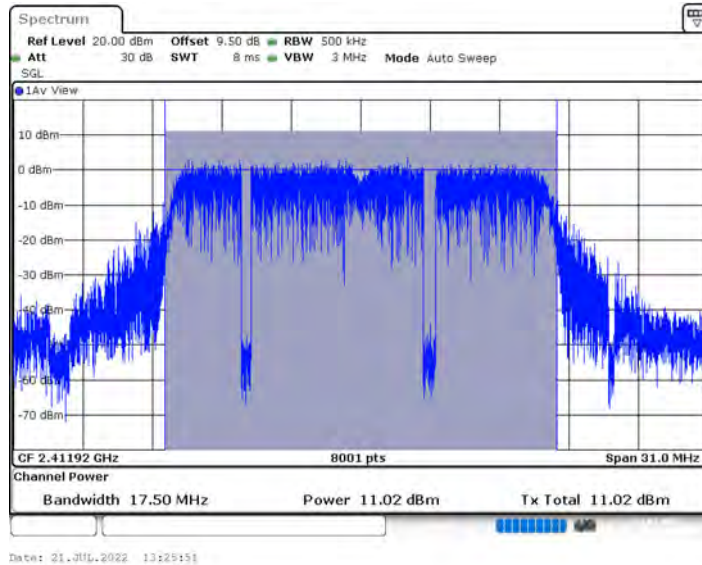
11B_Ant1_2412



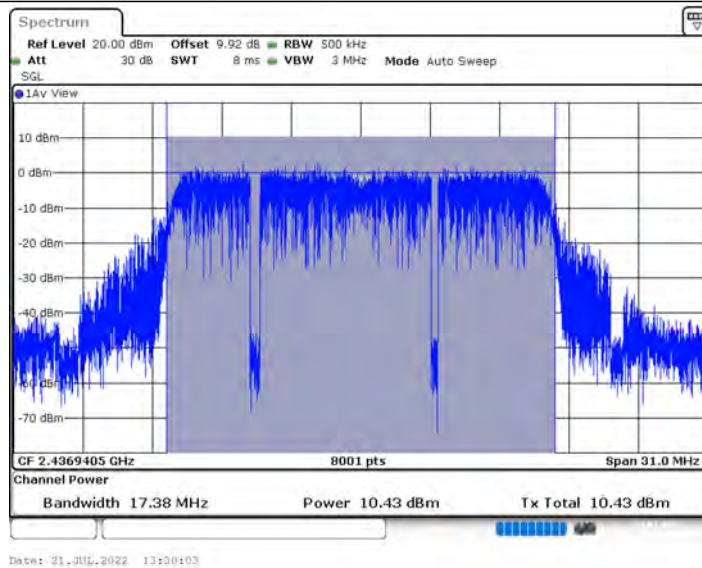
11B_Ant1_2437



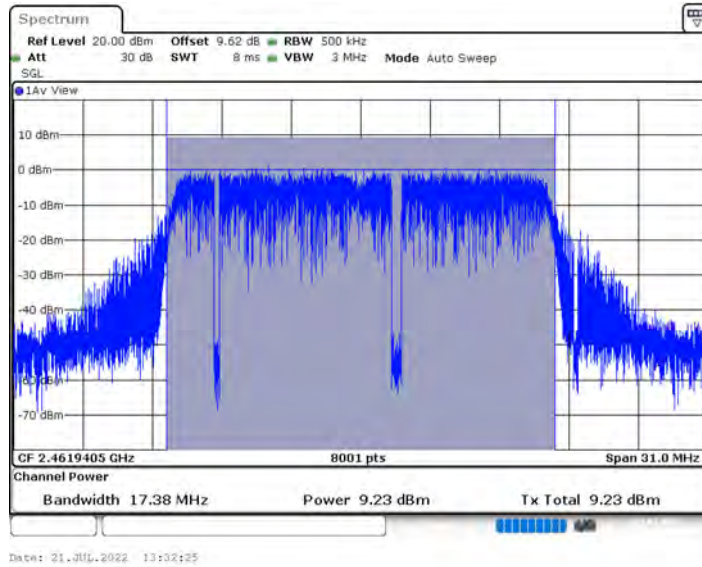
11B_Ant1_2462



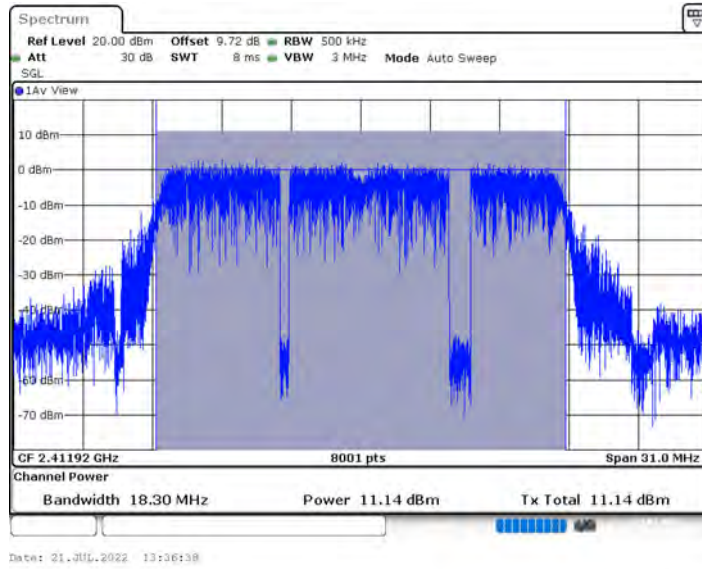
11G_Ant1_2412



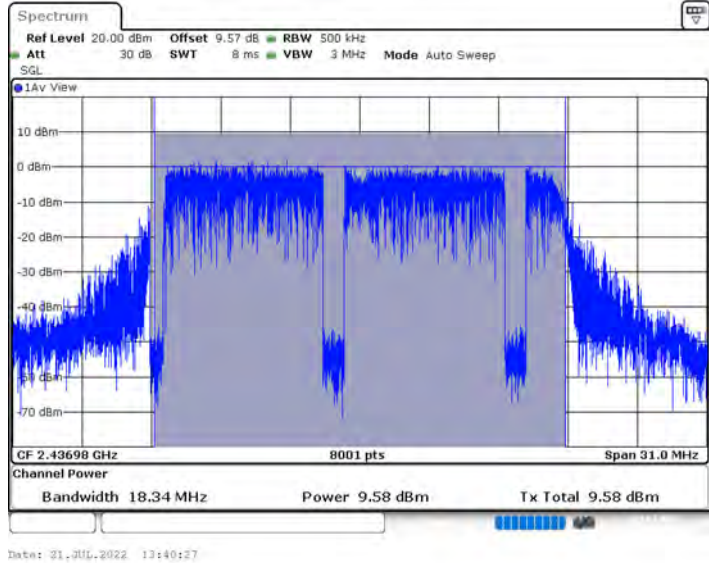
11G_Ant1_2437



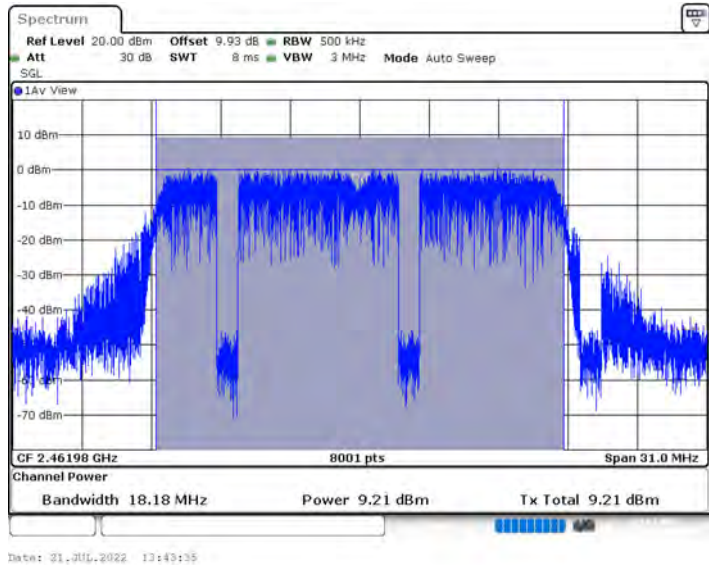
11G_Ant1_2462



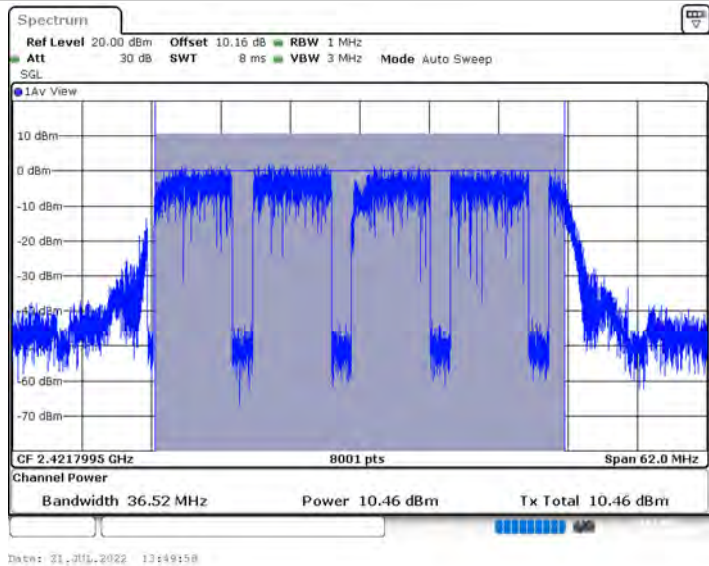
11N20SISO_Ant1_2412



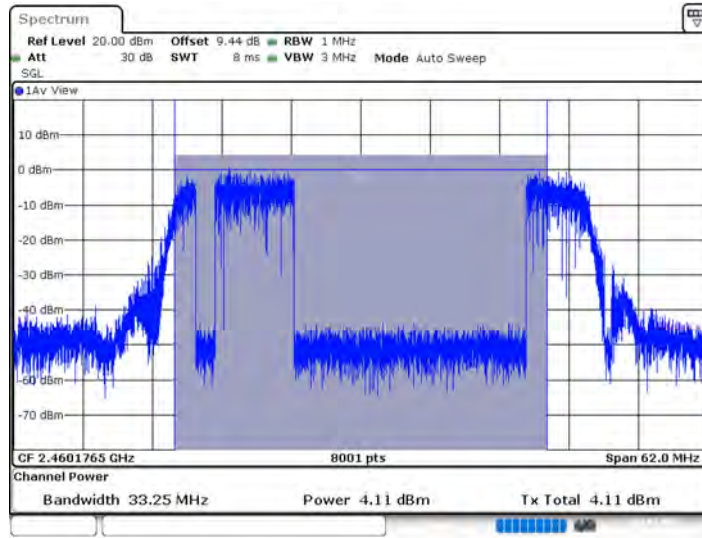
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

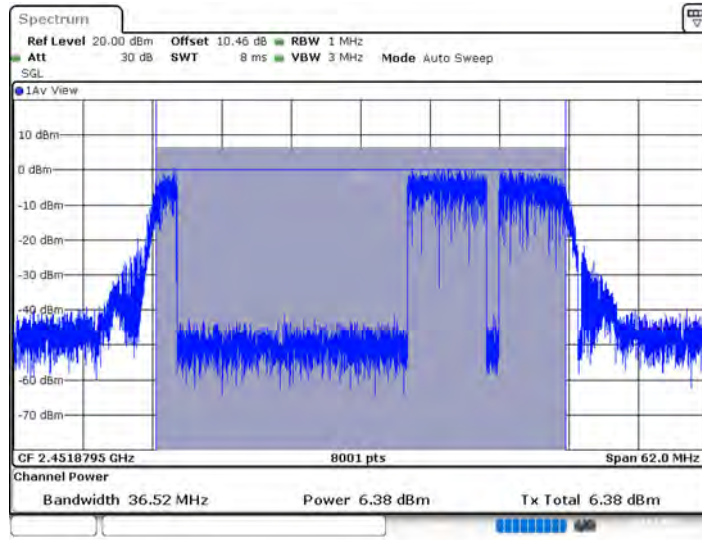


11N40SISO_Ant1_2422



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11N40SISO_Ant1_2437



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11N40SISO_Ant1_2452

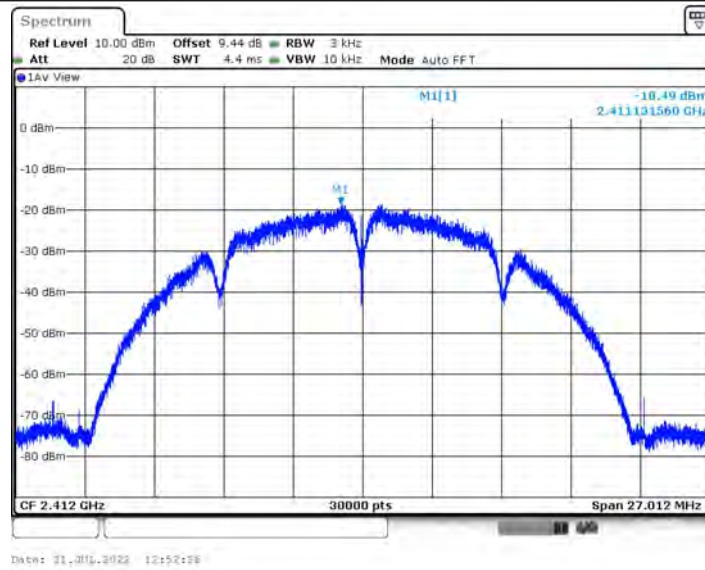
Maximum conducted output power

Appendix D: Maximum power spectral density

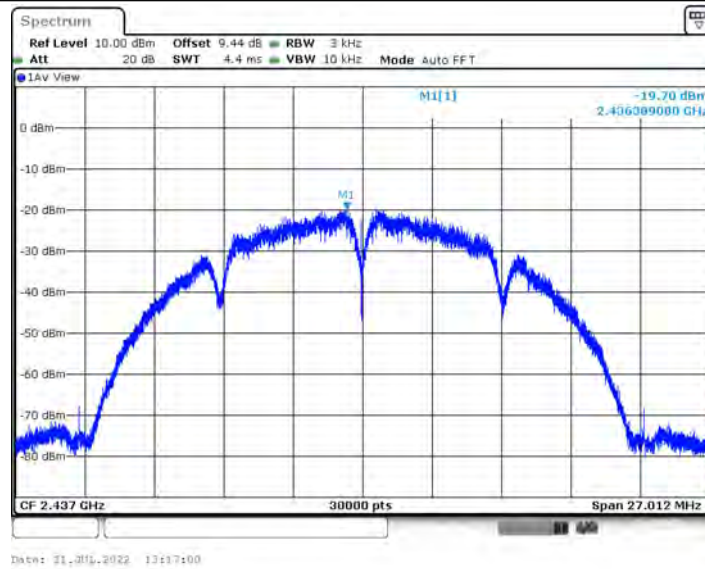
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.49	≤8	PASS
		2437	-19.7	≤8	PASS
		2462	-20.22	≤8	PASS
11G	Ant1	2412	-17.75	≤8	PASS
		2437	-18.27	≤8	PASS
		2462	-19.57	≤8	PASS
11N20SISO	Ant1	2412	-17.38	≤8	PASS
		2437	-18.94	≤8	PASS
		2462	-19.01	≤8	PASS
11N40SISO	Ant1	2422	-19.65	≤8	PASS
		2437	-22.91	≤8	PASS
		2452	-19.77	≤8	PASS

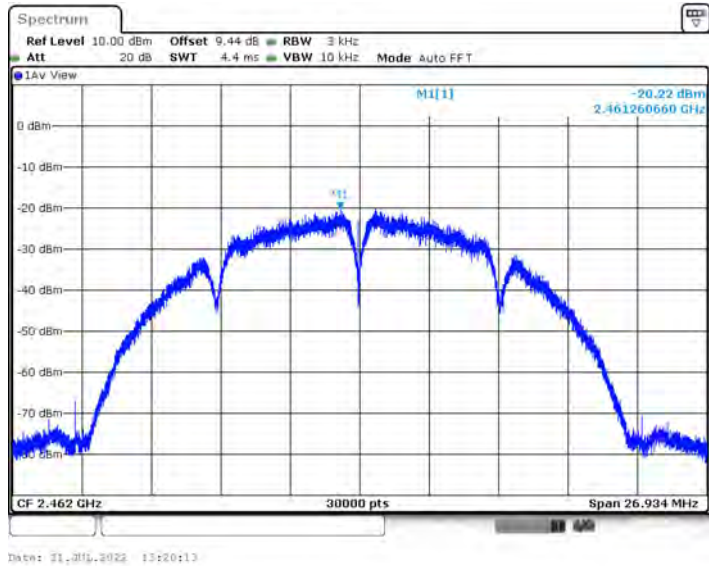
Test Graphs



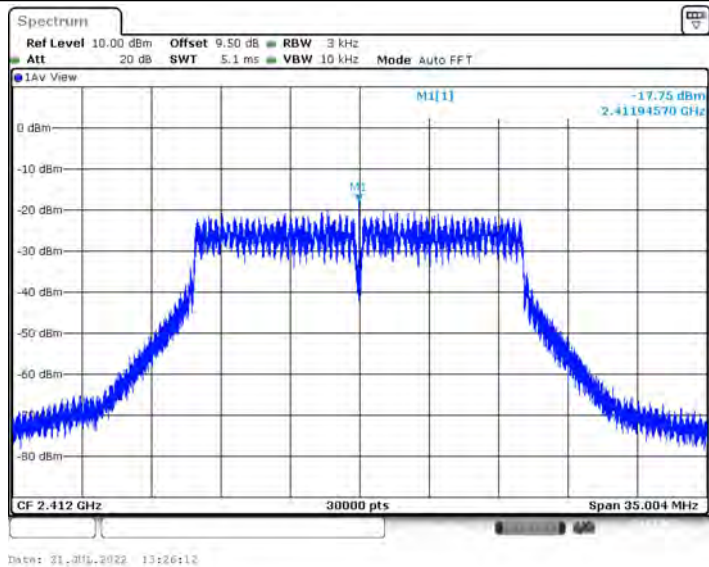
11B_Ant1_2412



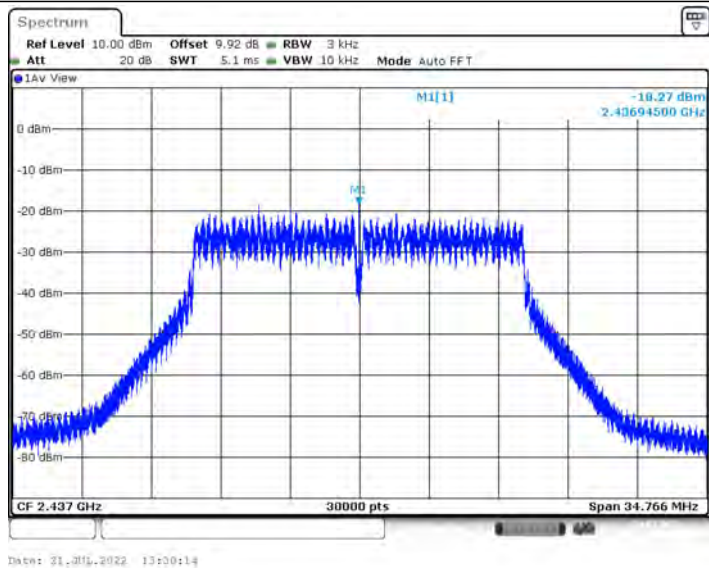
11B_Ant1_2437



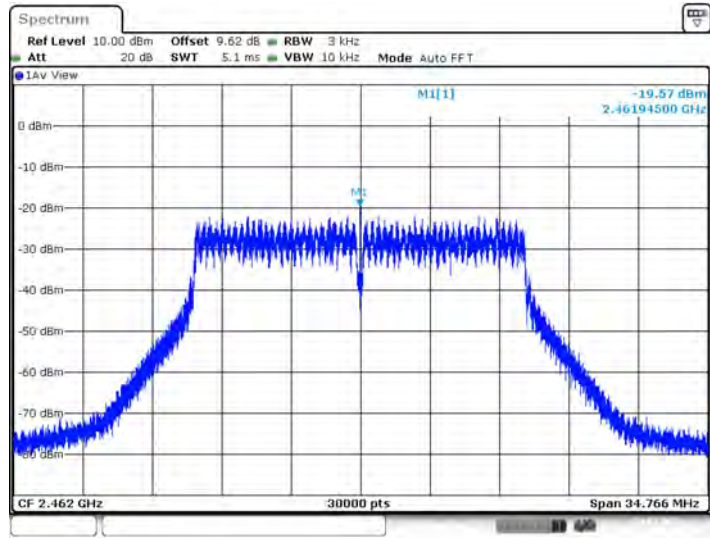
11B_Ant1_2462



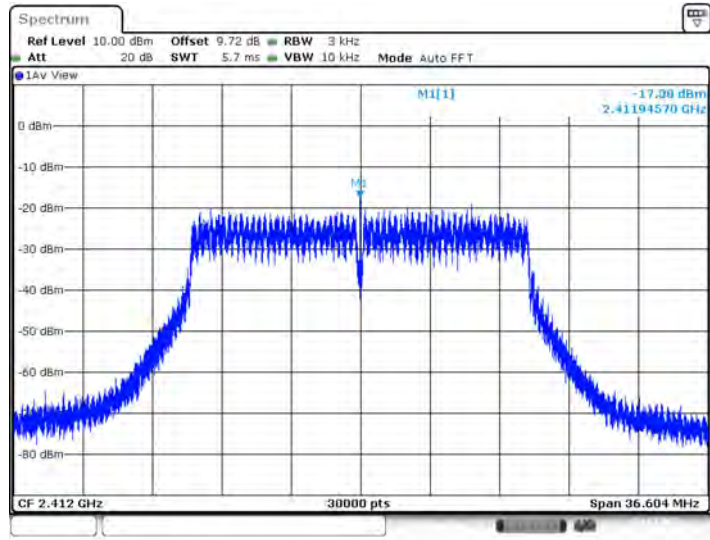
11G_Ant1_2412



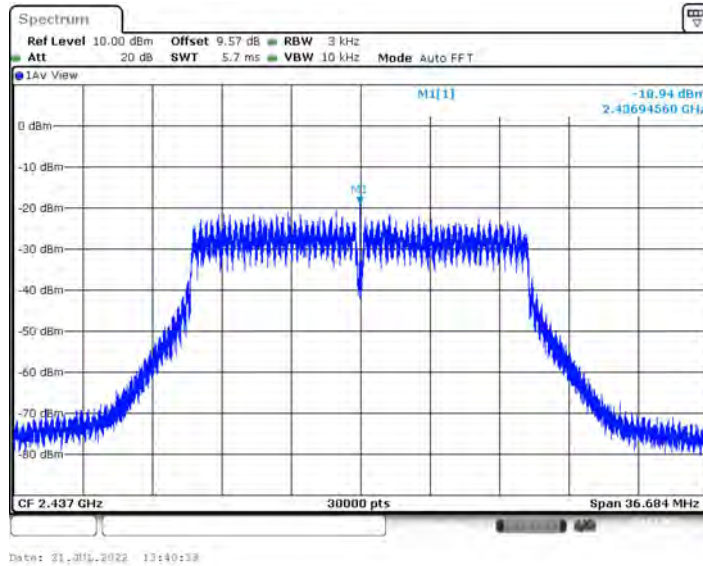
11G_Ant1_2437



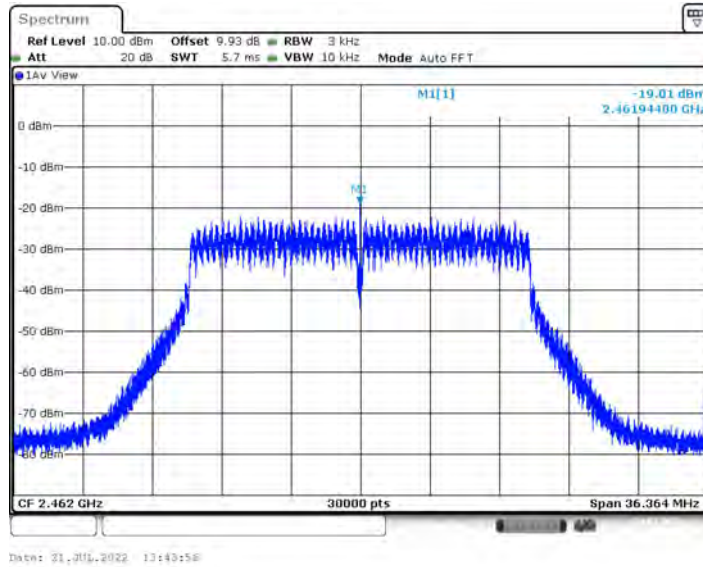
11G_Ant1_2462



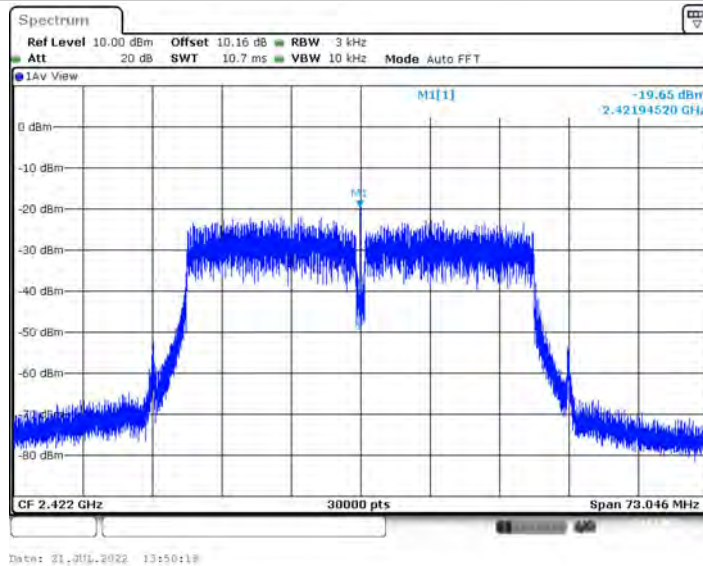
11N20SISO_Ant1_2412



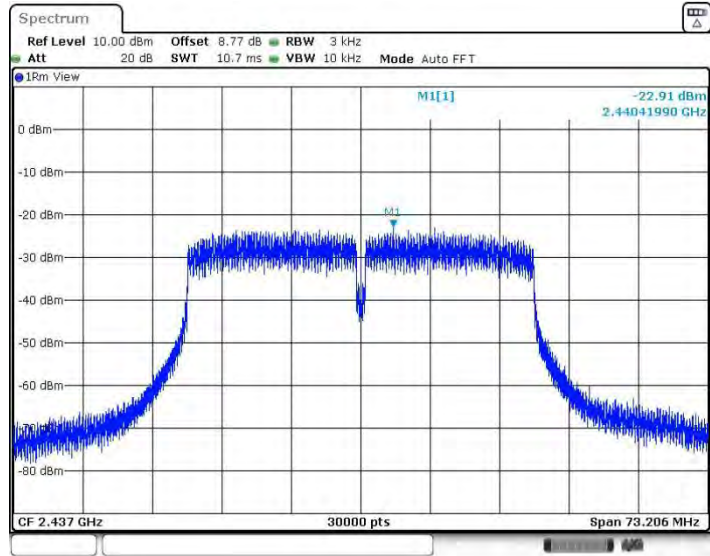
11N20SISO_Ant1_2437



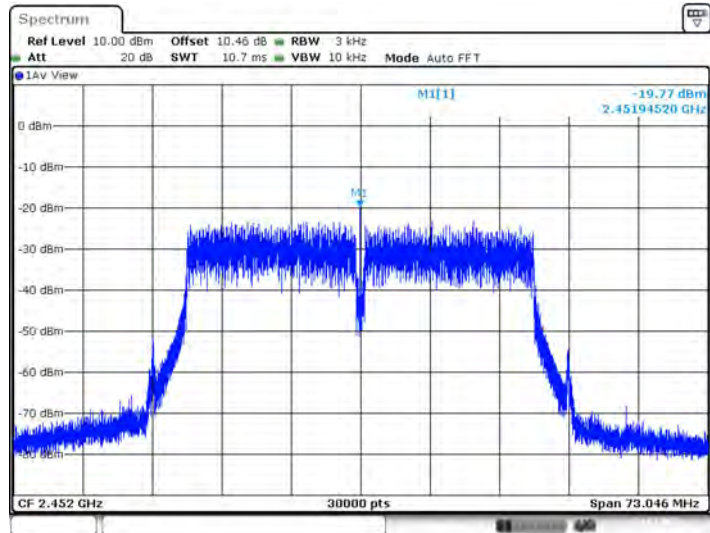
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



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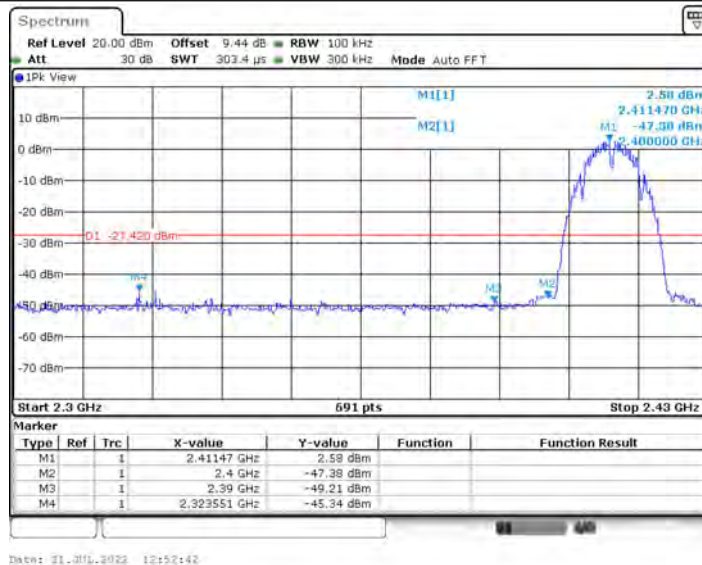
11N40SISO_Ant1_2452

Appendix E: Band edge measurements

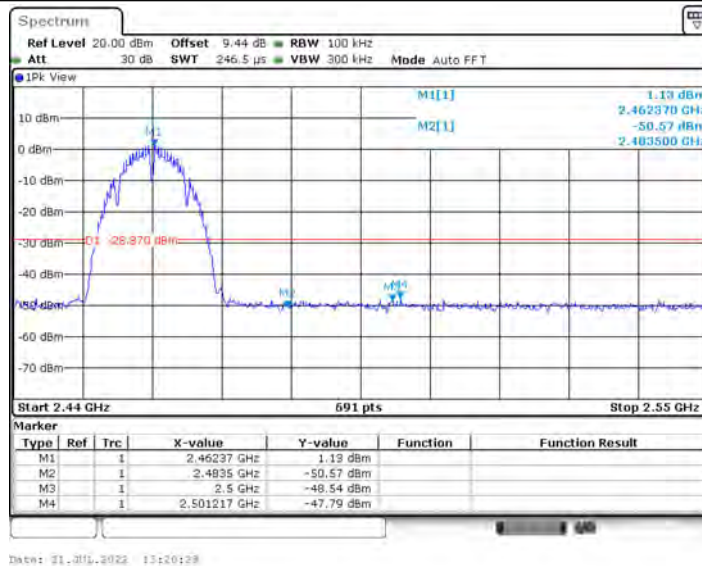
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.58	-45.34	≤-27.42	PASS
		High	2462	1.13	-47.79	≤-28.87	PASS
11G	Ant1	Low	2412	-0.03	-39.27	≤-30.03	PASS
		High	2462	-2.06	-46.36	≤-32.06	PASS
11N20SISO	Ant1	Low	2412	0.06	-37.48	≤-29.94	PASS
		High	2462	-2.17	-46.18	≤-32.17	PASS
11N40SISO	Ant1	Low	2422	-2.89	-38.14	≤-32.89	PASS
		High	2452	-4.23	-46.95	≤-34.23	PASS

Test Graphs



11B_Ant1_Low_2412

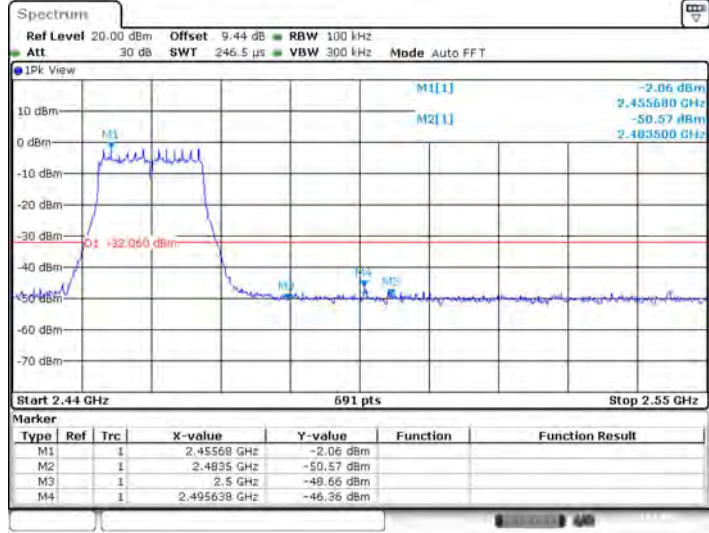


11B_Ant1_High_2462



Date: 11.01.2022 13:26:27

11G_Ant1_Low_2412



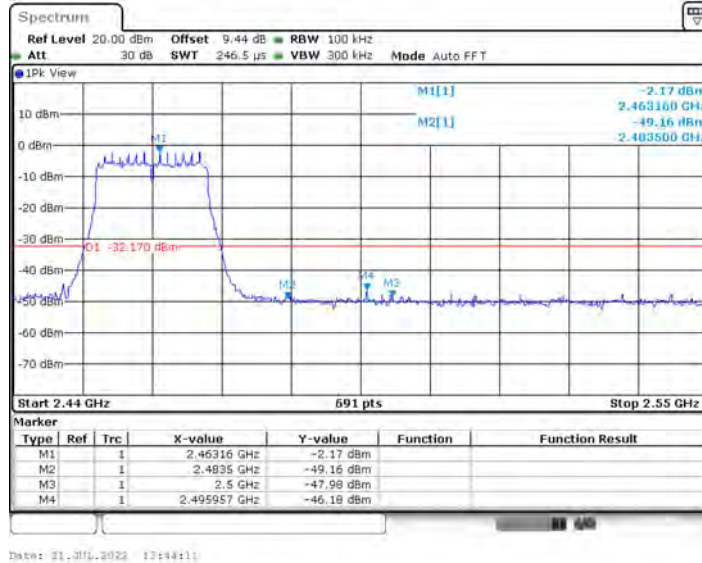
Date: 11.01.2022 13:02:52

11G_Ant1_High_2462

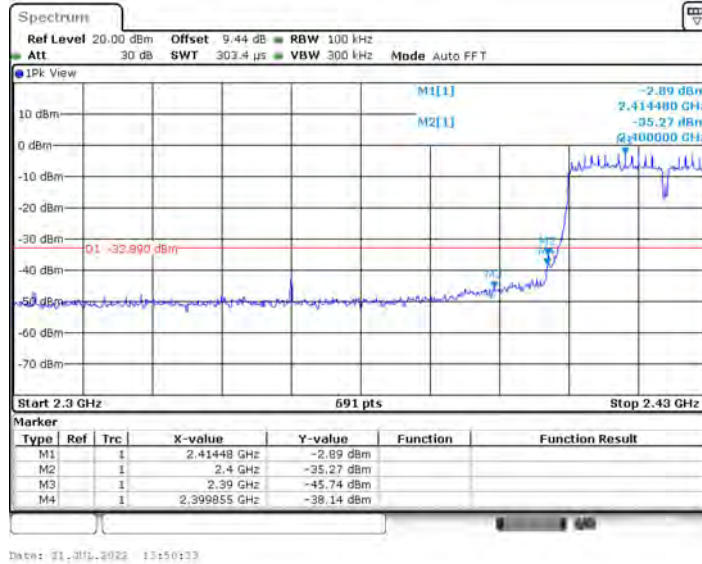


Date: 11.01.2022 13:07:04

11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



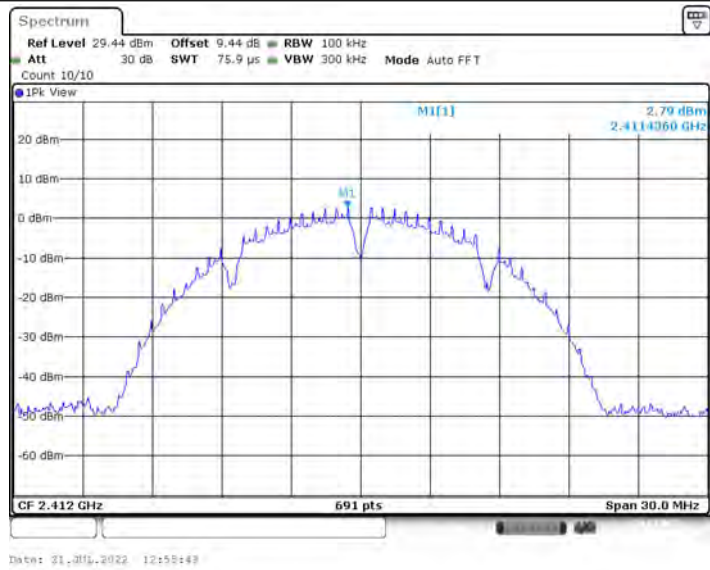
11N40SISO_Ant1_High_2452

Appendix F: Conducted Spurious Emission

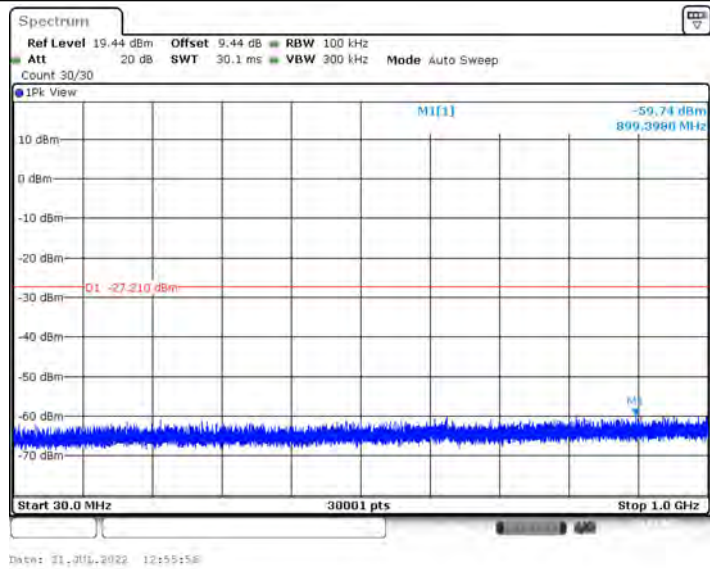
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.79	2.79	---	PASS
			30~1000	2.79	-59.74	≤-27.21	PASS
			1000~26500	2.79	-34.67	≤-27.21	PASS
		2437	Reference	1.49	1.49	---	PASS
			30~1000	1.49	-58.91	≤-28.51	PASS
			1000~26500	1.49	-37.6	≤-28.51	PASS
		2462	Reference	1.00	1.00	---	PASS
			30~1000	1.00	-59.32	≤-29	PASS
			1000~26500	1.00	-40.48	≤-29	PASS
11G	Ant1	2412	Reference	0.31	0.31	---	PASS
			30~1000	0.31	-60.07	≤-29.69	PASS
			1000~26500	0.31	-39.78	≤-29.69	PASS
		2437	Reference	-0.69	-0.69	---	PASS
			30~1000	-0.69	-59.34	≤-30.69	PASS
			1000~26500	-0.69	-43.52	≤-30.69	PASS
		2462	Reference	-2.29	-2.29	---	PASS
			30~1000	-2.29	-59.24	≤-32.29	PASS
			1000~26500	-2.29	-44.61	≤-32.29	PASS
11N20SISO	Ant1	2412	Reference	0.38	0.38	---	PASS
			30~1000	0.38	-59.63	≤-29.62	PASS
			1000~26500	0.38	-40.55	≤-29.62	PASS
		2437	Reference	-0.66	-0.66	---	PASS
			30~1000	-0.66	-60.05	≤-30.66	PASS
			1000~26500	-0.66	-41.94	≤-30.66	PASS
		2462	Reference	-3.29	-3.29	---	PASS
			30~1000	-3.29	-59.37	≤-33.29	PASS
			1000~26500	-3.29	-44.2	≤-33.29	PASS
11N40SISO	Ant1	2422	Reference	-2.97	-2.97	---	PASS
			30~1000	-2.97	-59.92	≤-32.97	PASS
			1000~26500	-2.97	-43.93	≤-32.97	PASS
		2437	Reference	-2.11	-2.11	---	PASS
			30~1000	-2.11	-59.47	≤-32.11	PASS
			1000~26500	-2.11	-48.67	≤-32.11	PASS
		2452	Reference	-4.29	-4.29	---	PASS
			30~1000	-4.29	-59.11	≤-34.29	PASS
			1000~26500	-4.29	-48.3	≤-34.29	PASS

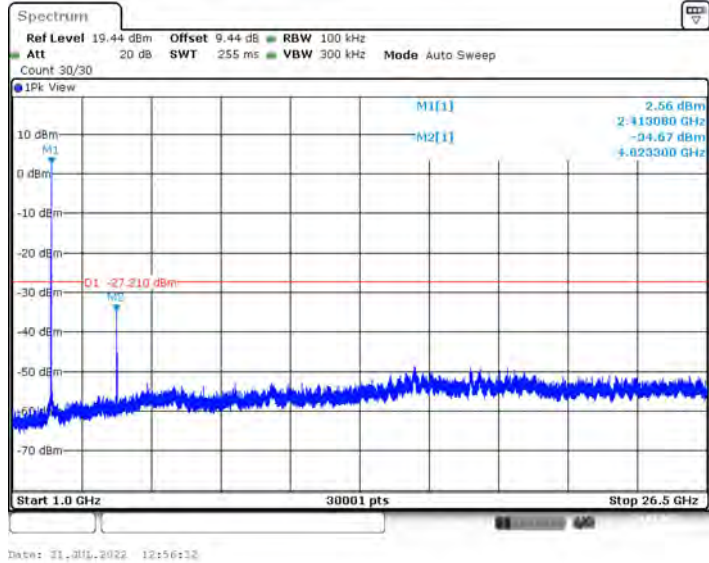
Test Graphs



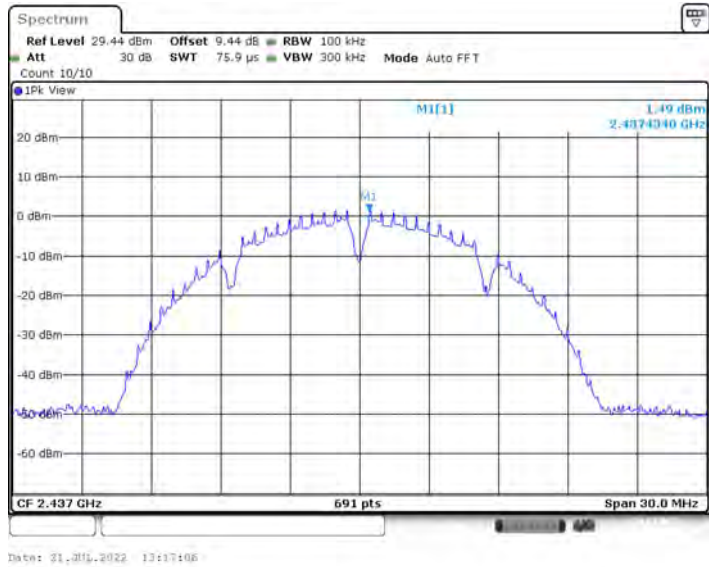
11B_Ant1_2412_0~Reference



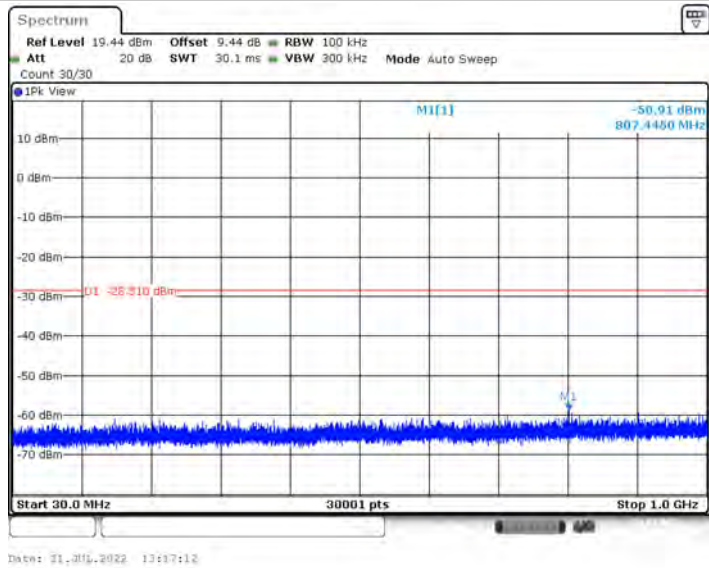
11B_Ant1_2412_30~1000



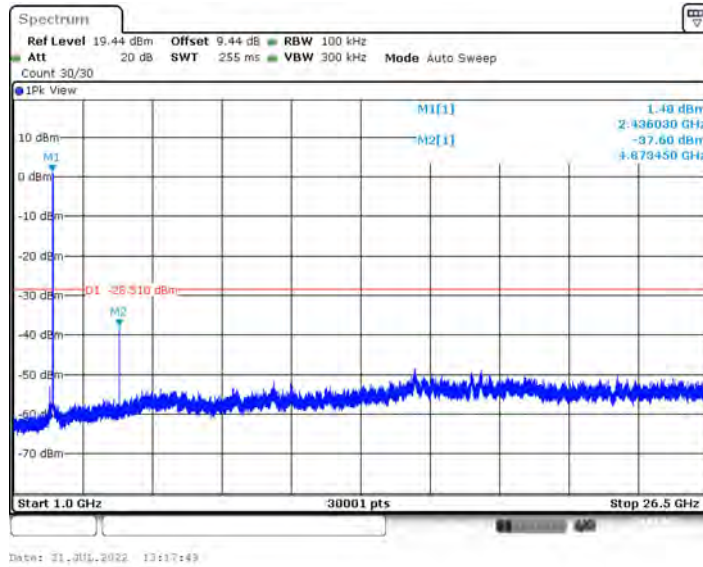
11B_Ant1_2412_1000~26500



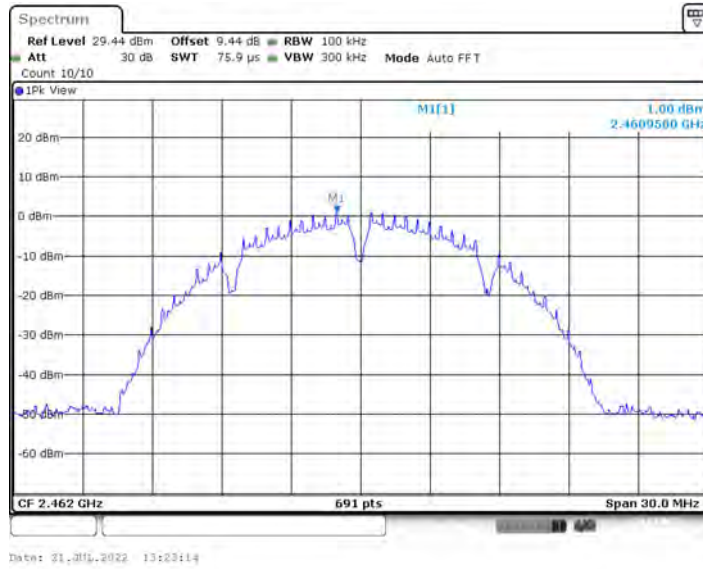
11B_Ant1_2437_0~Reference



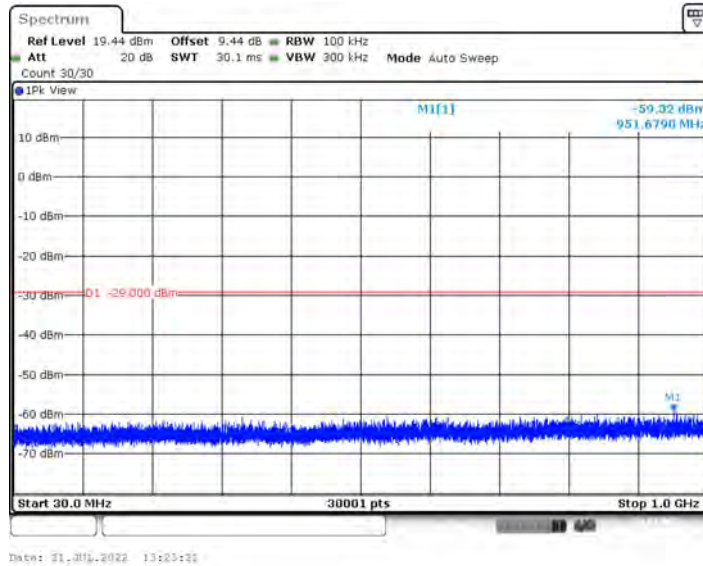
11B_Ant1_2437_30~1000



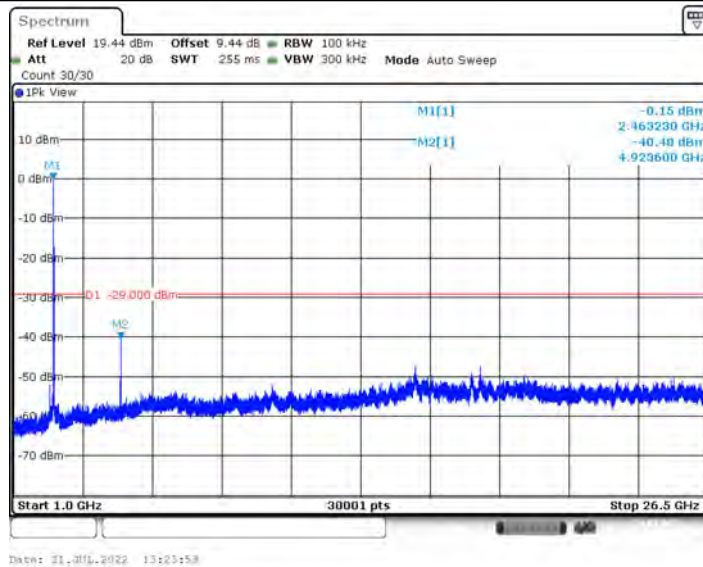
11B_Ant1_2437_1000~26500



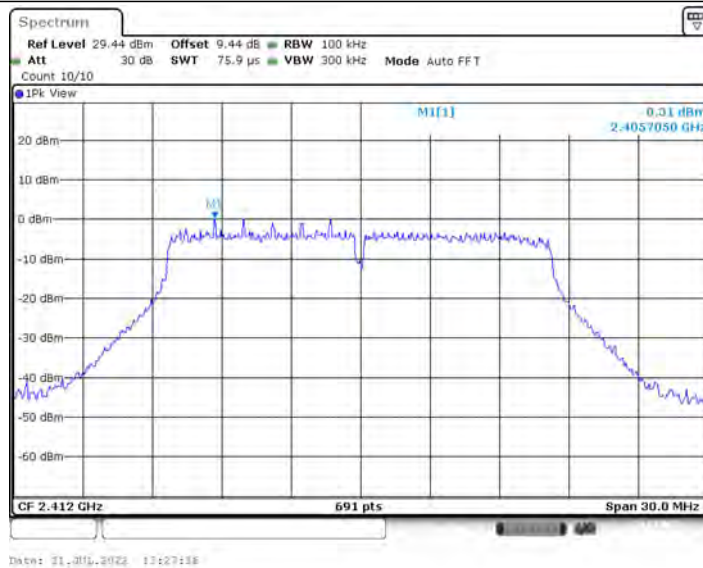
11B_Ant1_2462_0~Reference



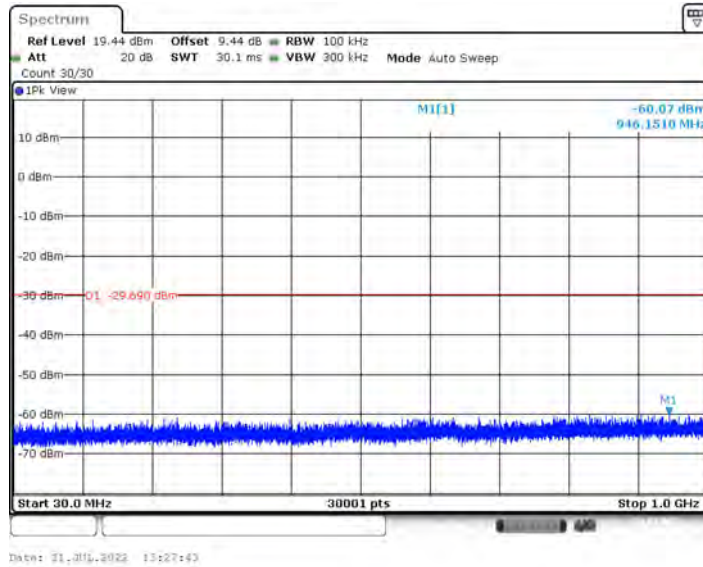
11B_Ant1_2462_30~1000



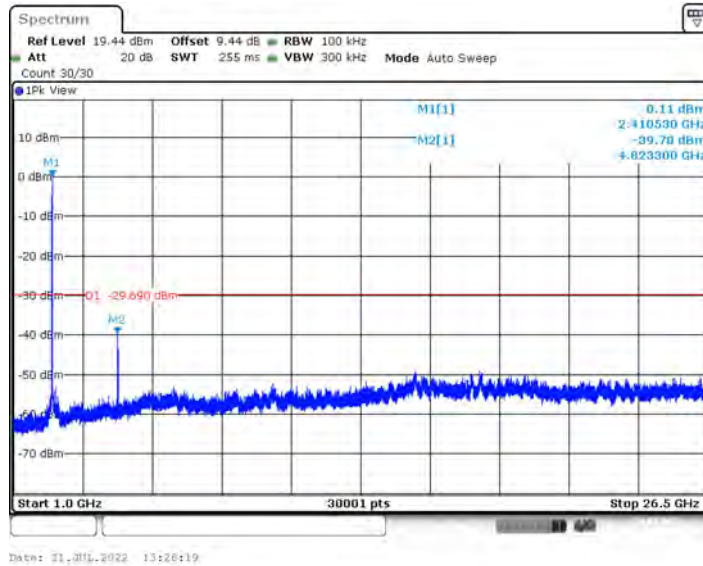
11B_Ant1_2462_1000~26500



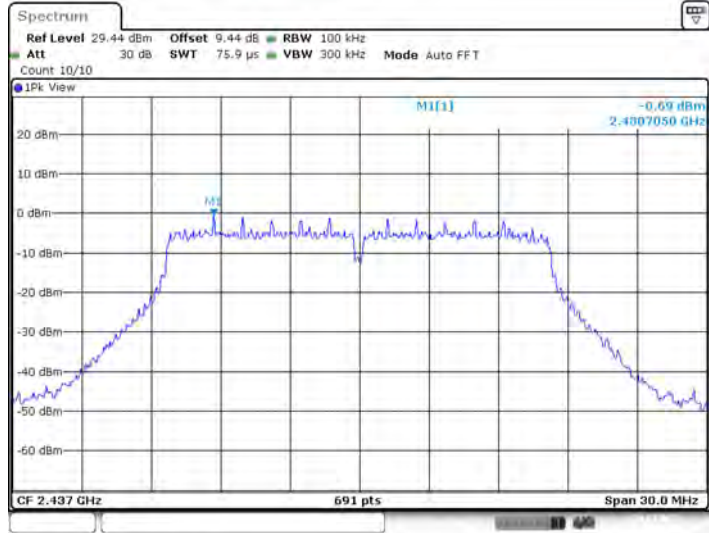
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000

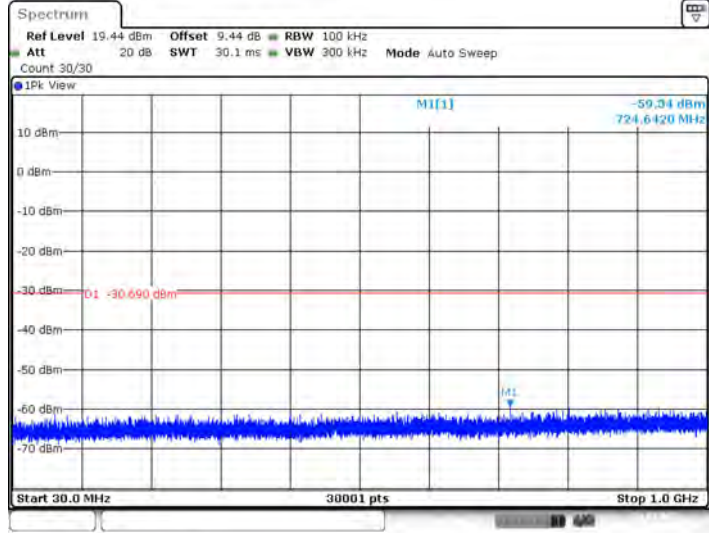


11G_Ant1_2412_1000~26500



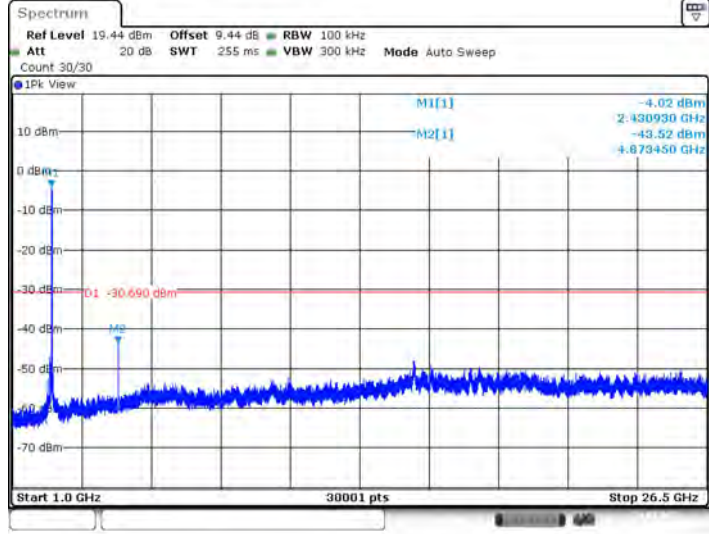
Date: 11.01.2022 13:00:20

11G_Ant1_2437_0~Reference



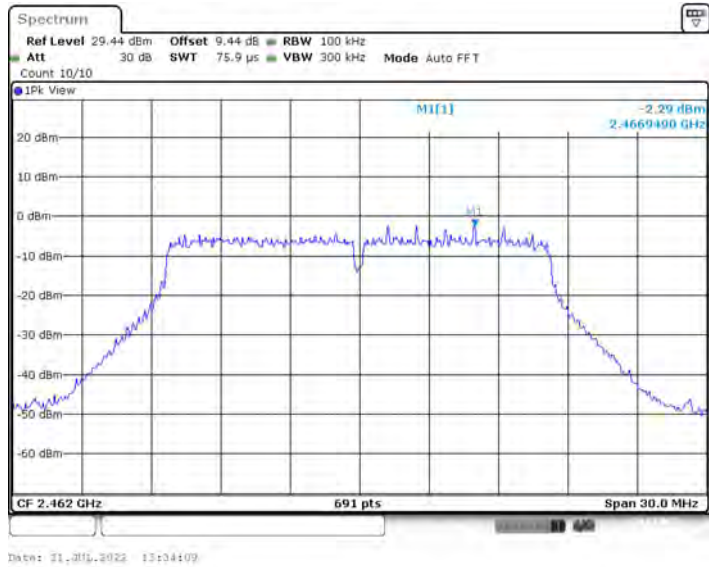
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11G_Ant1_2437_30~1000

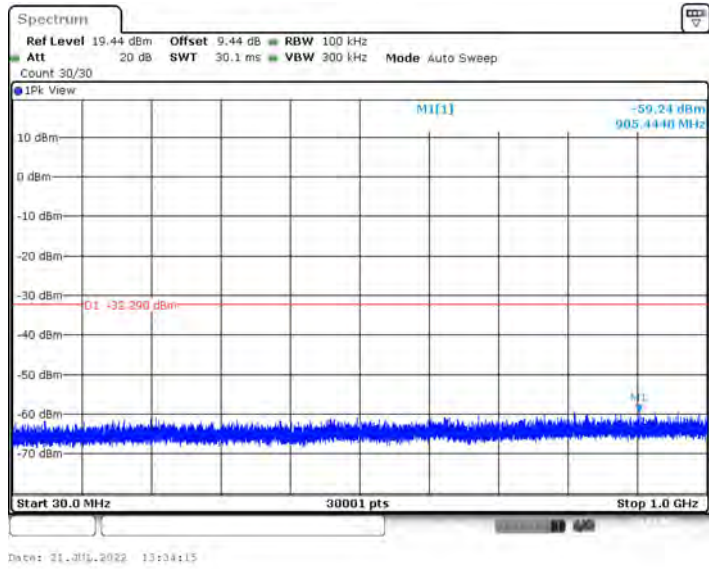


Date: 11.01.2022 13:01:03

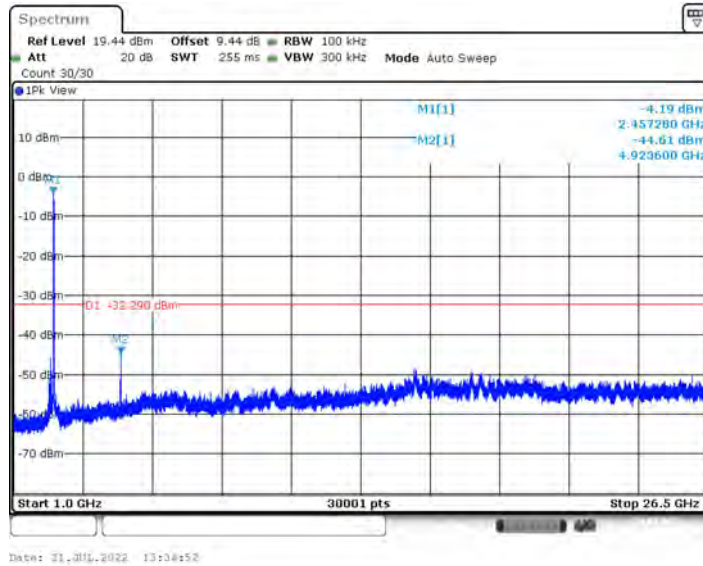
11G_Ant1_2437_1000~26500



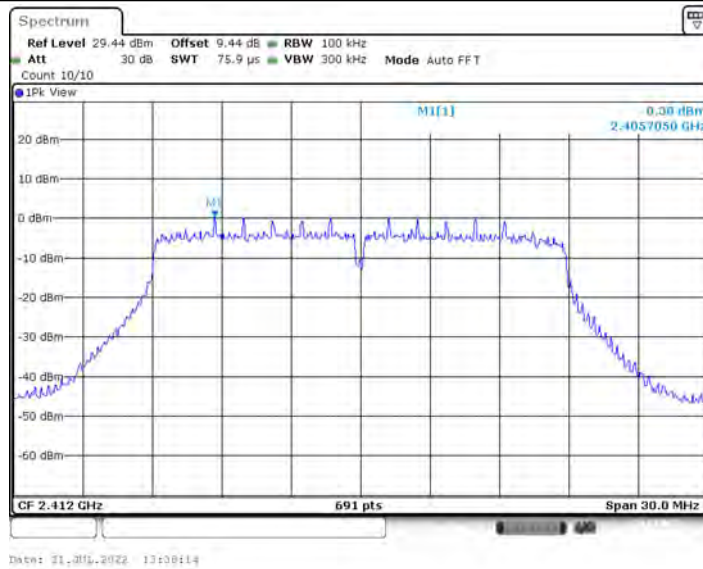
11G_Ant1_2462_0~Reference



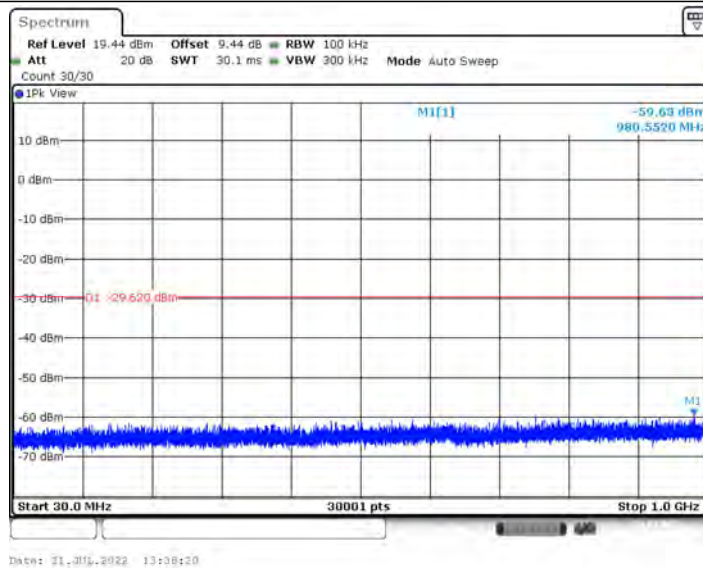
11G_Ant1_2462_30~1000



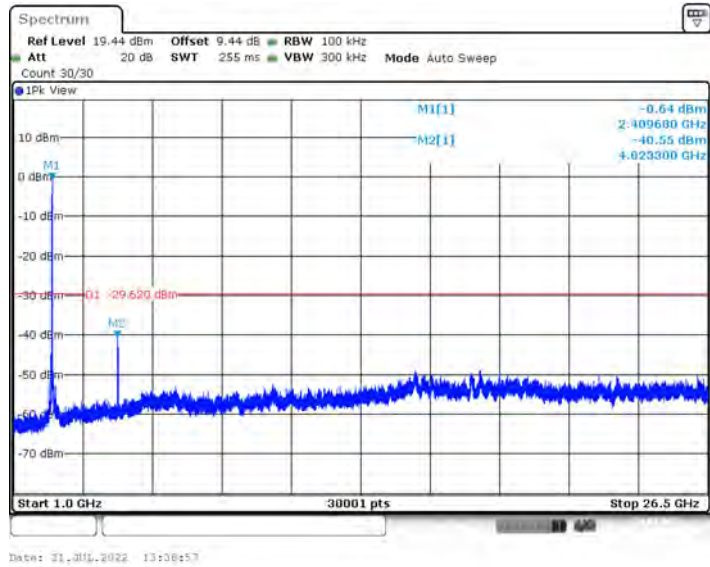
11G_Ant1_2462_1000~26500



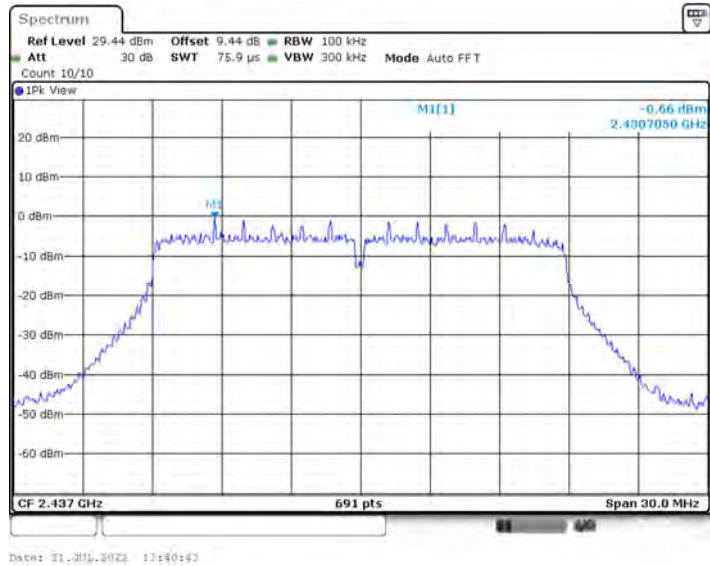
11N20SISO_Ant1_2412_0~Reference



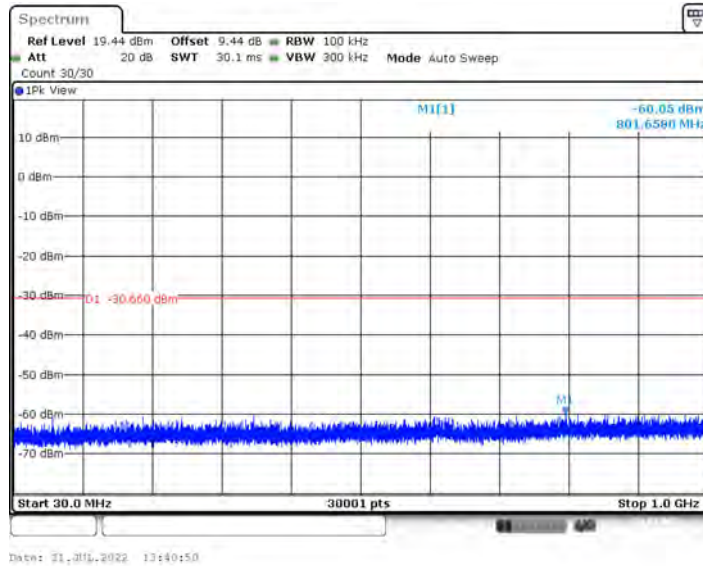
11N20SISO_Ant1_2412_30~1000



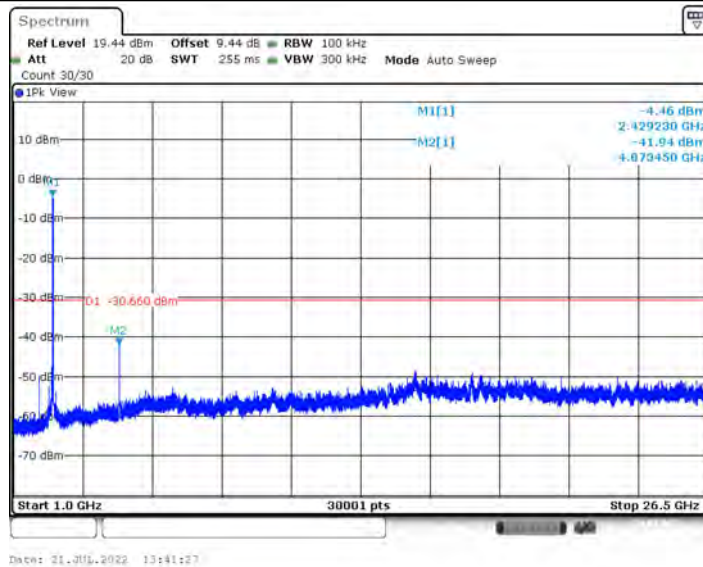
11N20SISO_Ant1_2412_1000~26500



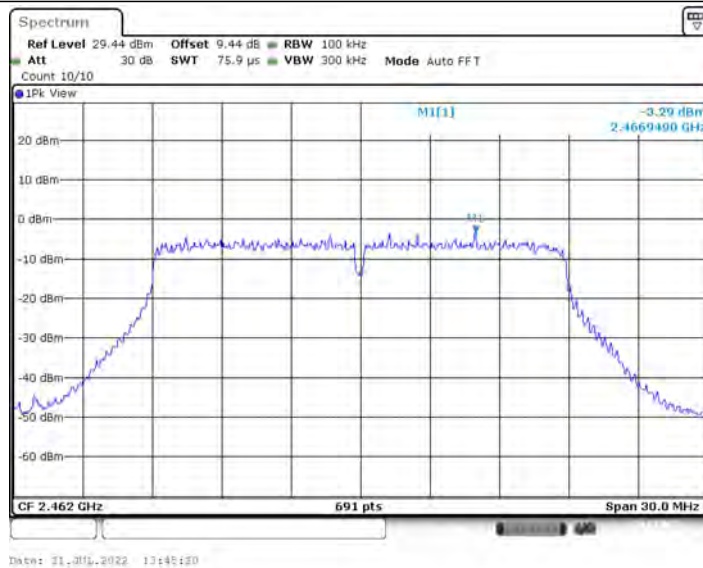
11N20SISO_Ant1_2437_0~Reference



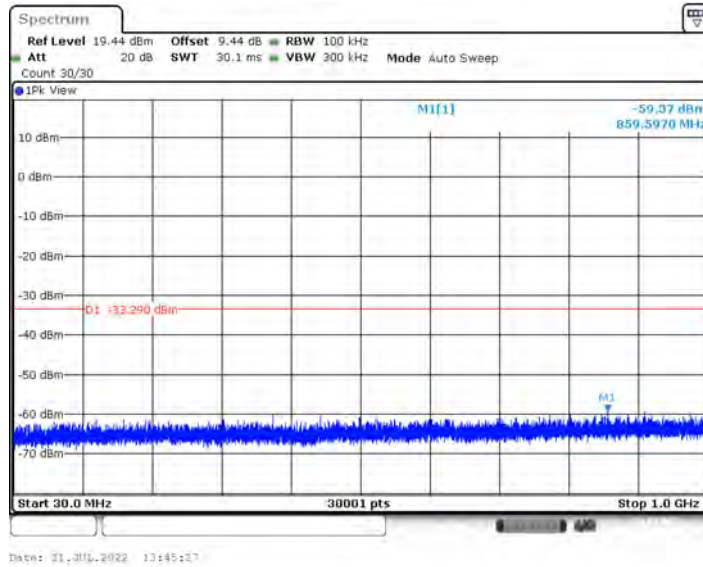
11N20SISO_Ant1_2437_30~1000



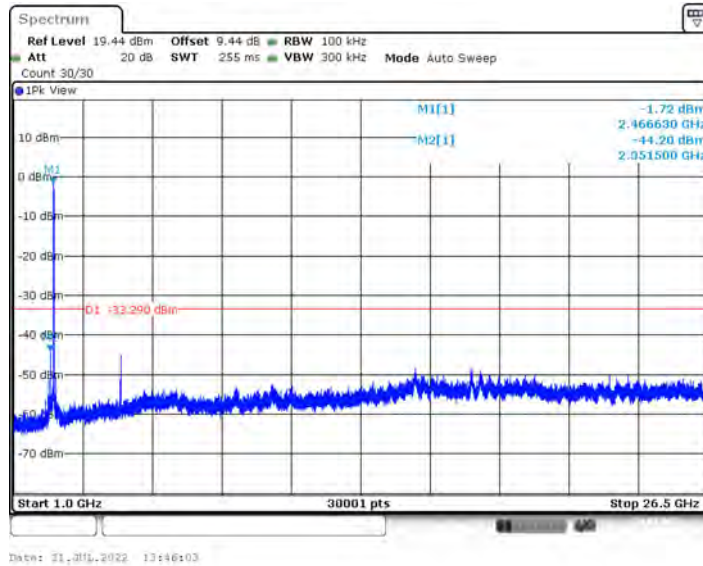
11N20SISO_Ant1_2437_1000~26500



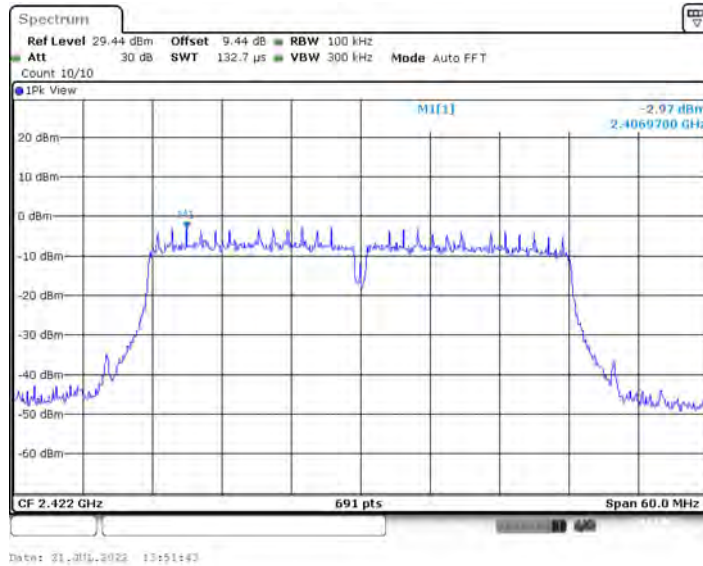
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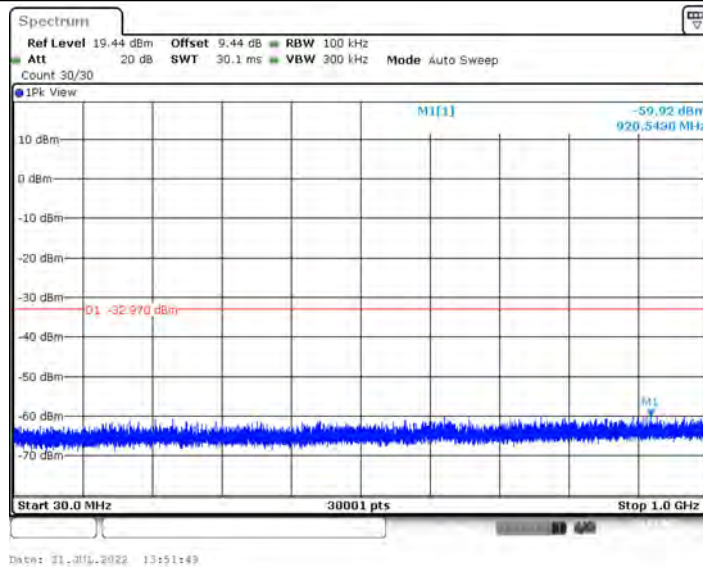
11N20SISO_Ant1_2462_30~1000



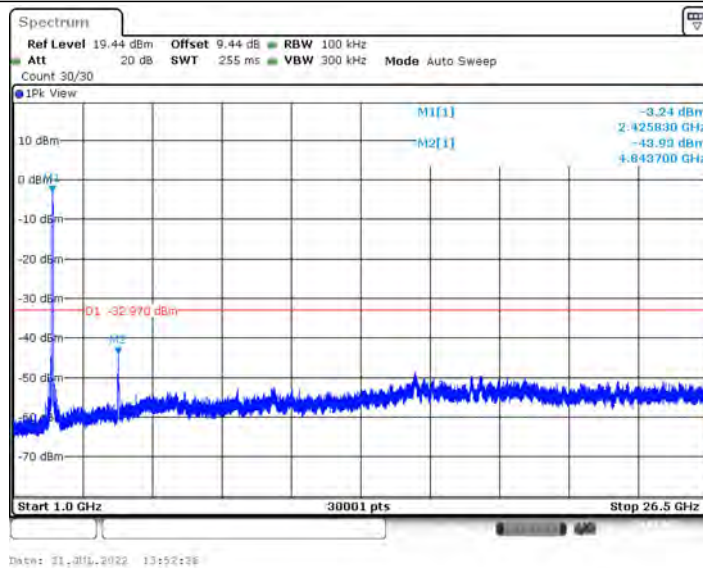
11N20SISO_Ant1_2462_1000~26500



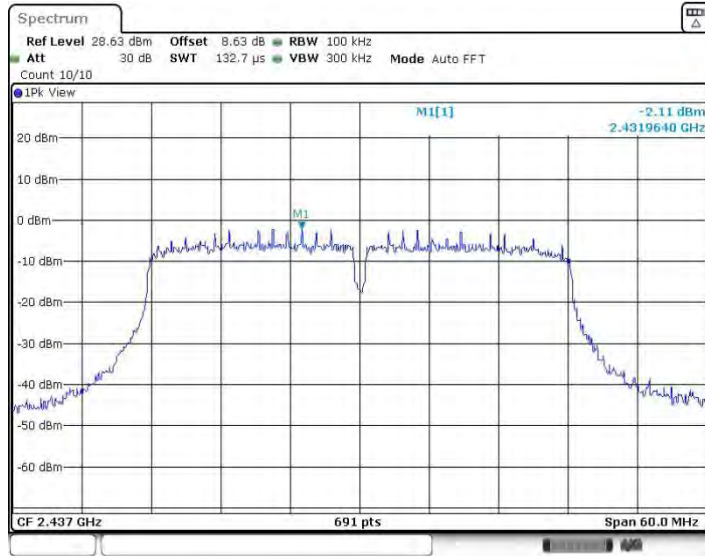
11N40SISO_Ant1_2422_0~Reference



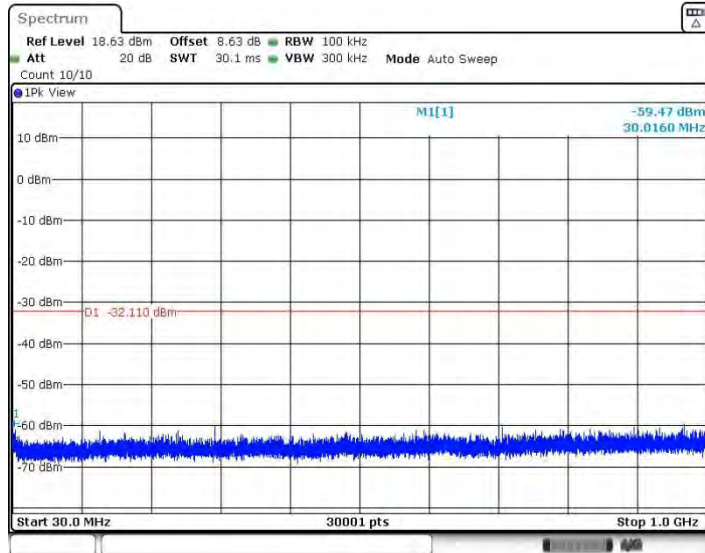
11N40SISO_Ant1_2422_30~1000



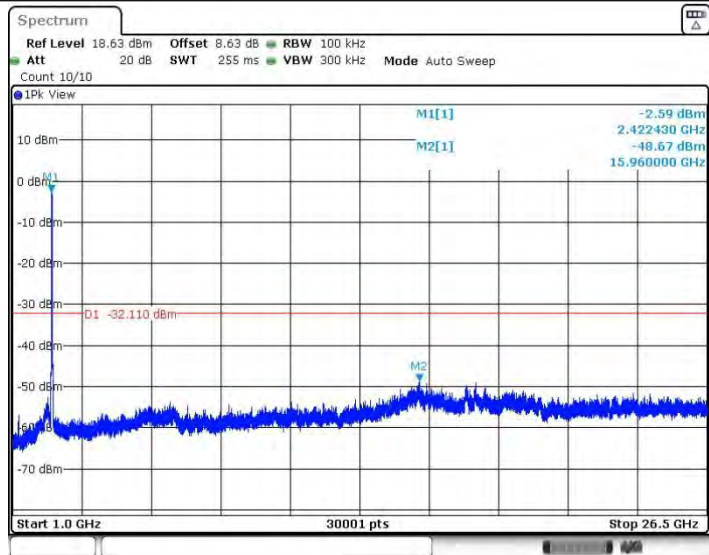
11N40SISO_Ant1_2422_1000~26500



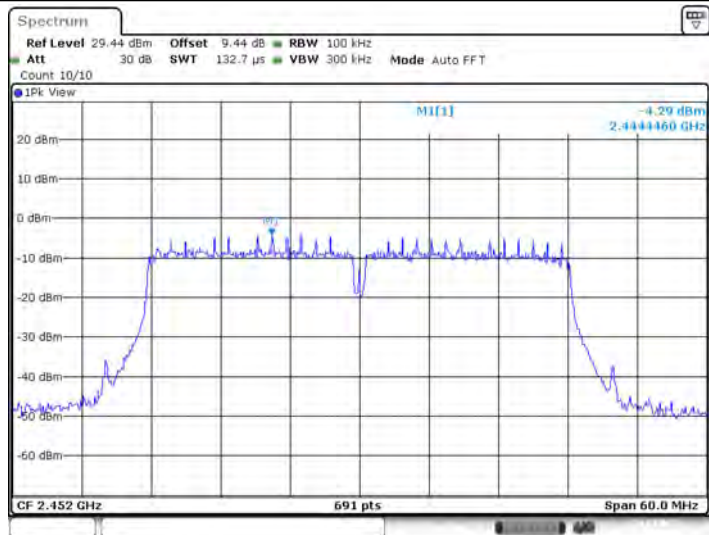
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000

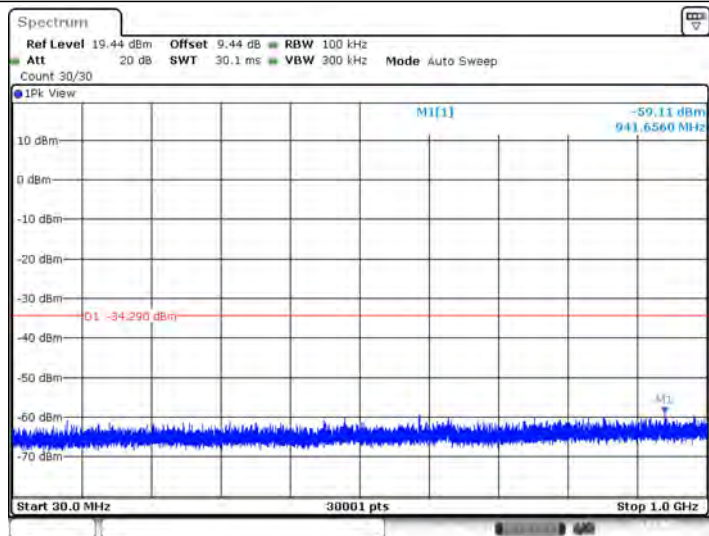


11N40SISO_Ant1_2437_1000~26500



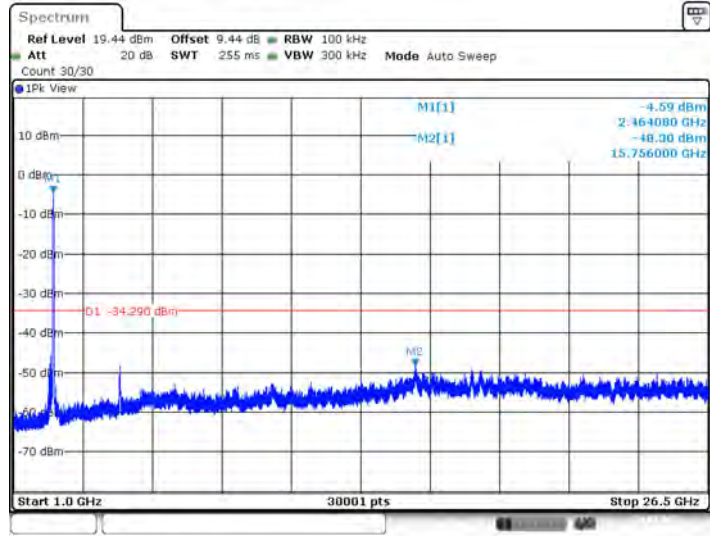
Date: 31.03.2022 13:58:48

11N40SISO_Ant1_2452_0~Reference



Date: 31.03.2022 13:58:55

11N40SISO_Ant1_2452_30~1000



Date: 11, 01, 2022 13:59:12

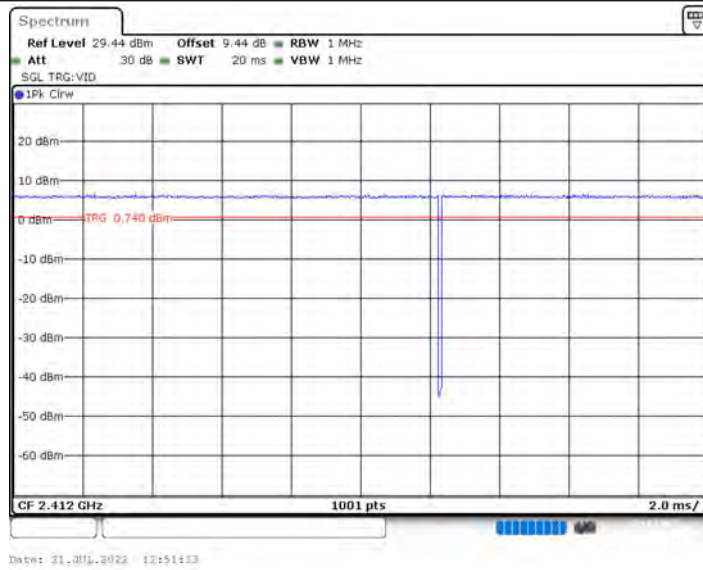
11N40SISO_Ant1_2452_1000~26500

Appendix G: Duty Cycle

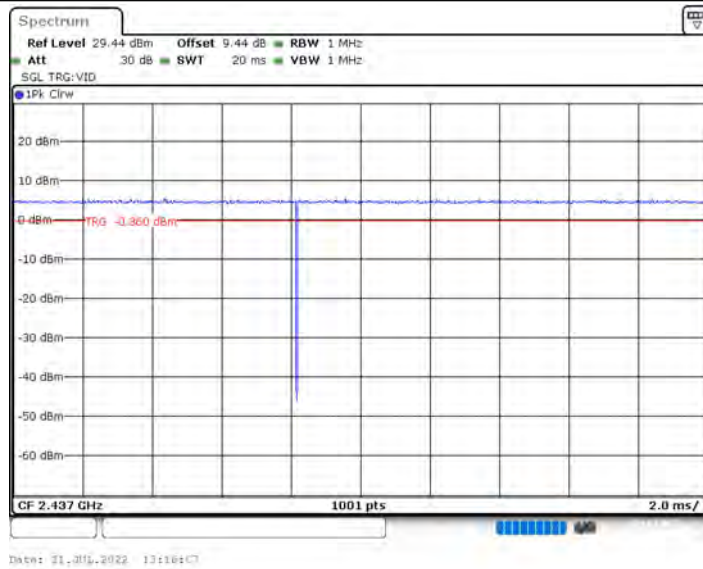
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	20.00	20.00	100.00	---	PASS
		2437	20.00	20.00	100.00	---	PASS
		2462	20.00	20.00	100.00	---	PASS
11G	Ant1	2412	2.07	2.10	98.57	---	PASS
		2437	2.06	2.30	89.57	---	PASS
		2462	2.07	2.16	95.83	---	PASS
11N20SISO	Ant1	2412	1.92	2.05	93.66	---	PASS
		2437	1.93	1.99	96.98	---	PASS
		2462	1.92	2.15	89.30	---	PASS
11N40SISO	Ant1	2422	0.94	1.11	84.68	---	PASS
		2437	1.22	1.26	96.83	---	PASS
		2452	0.94	1.19	78.99	---	PASS

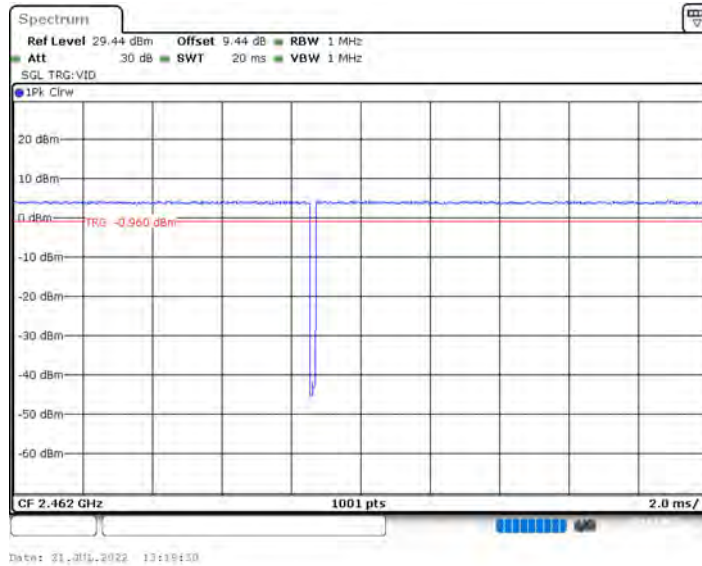
Test Graphs



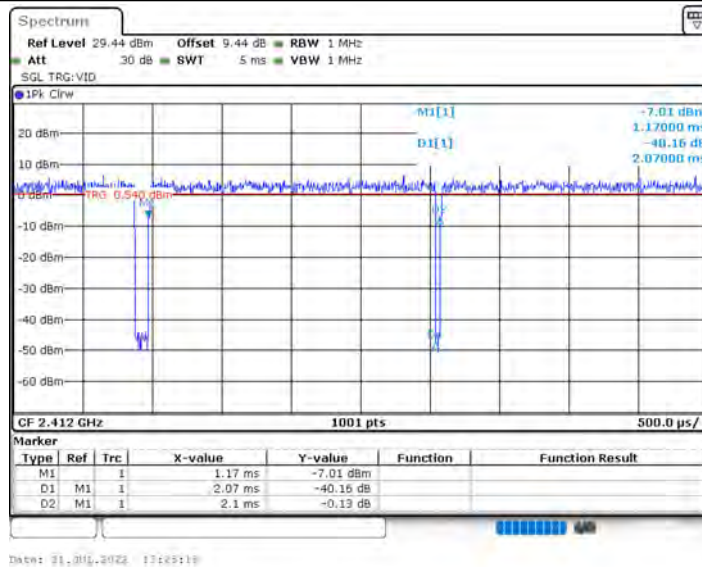
11B_Ant1_2412



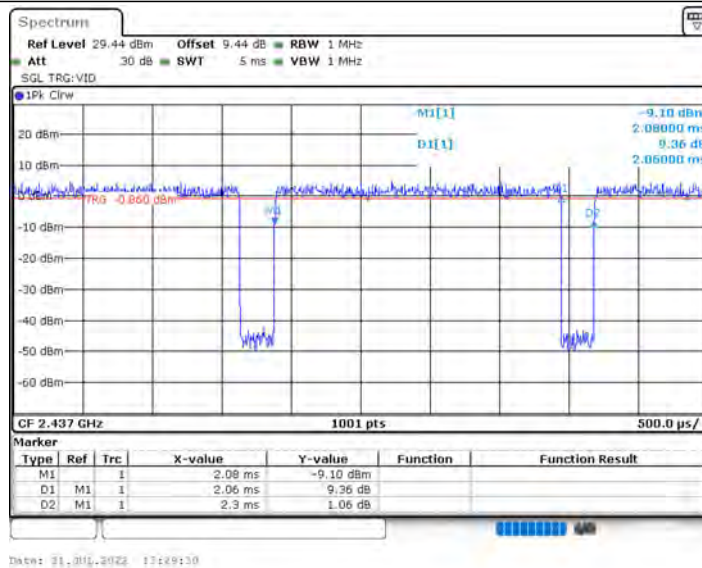
11B_Ant1_2437



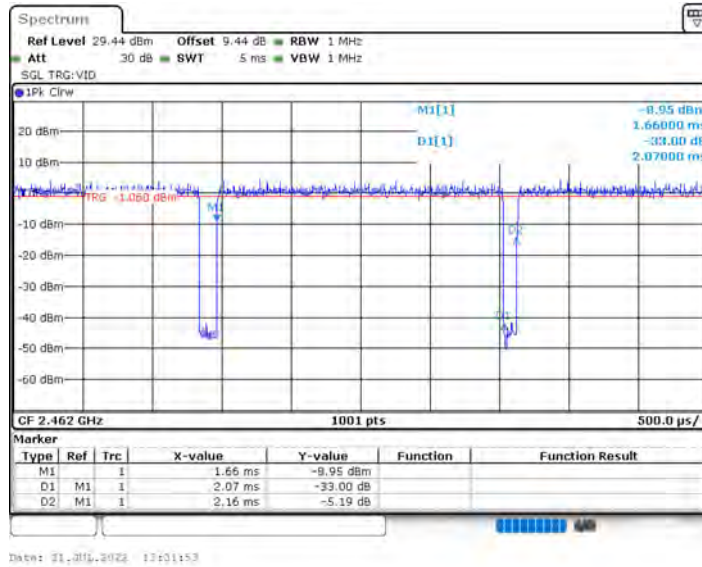
11B_Ant1_2462



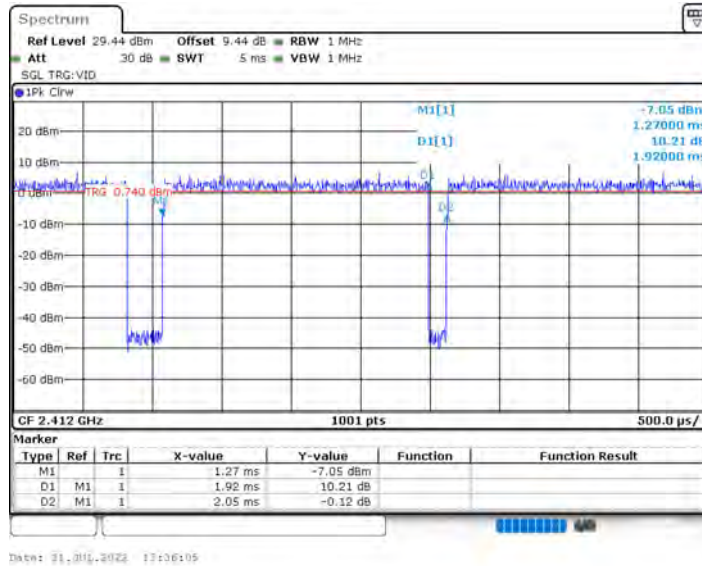
11G_Ant1_2412



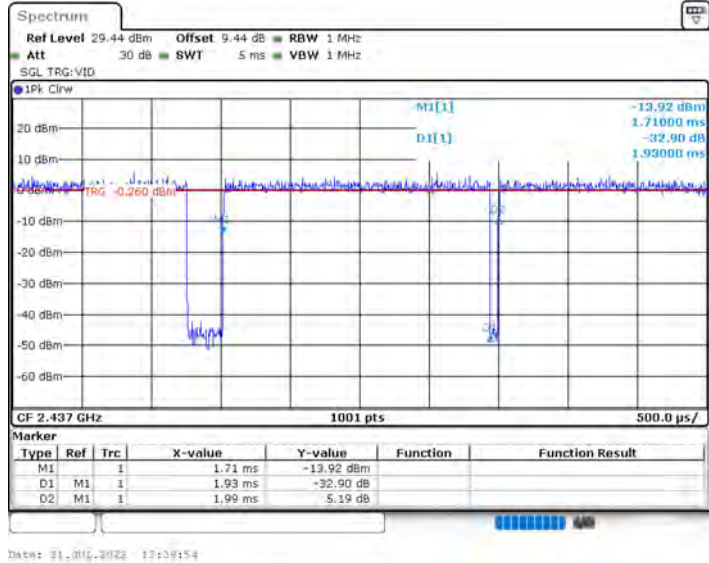
11G_Ant1_2437



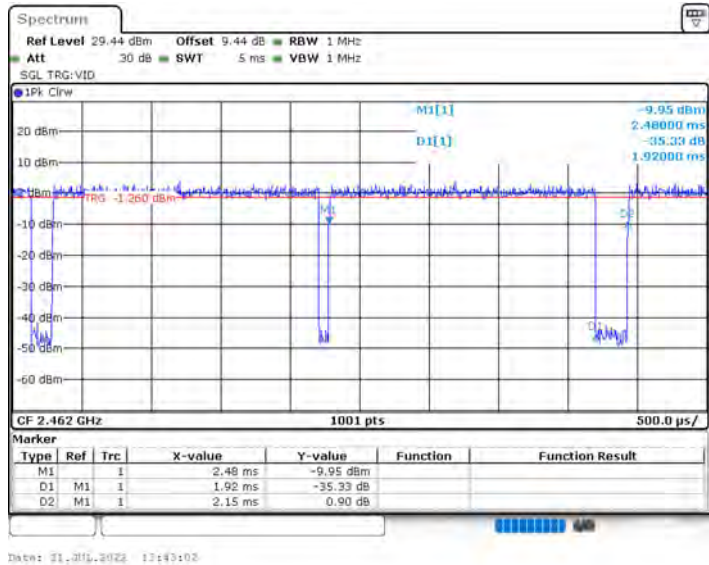
11G_Ant1_2462



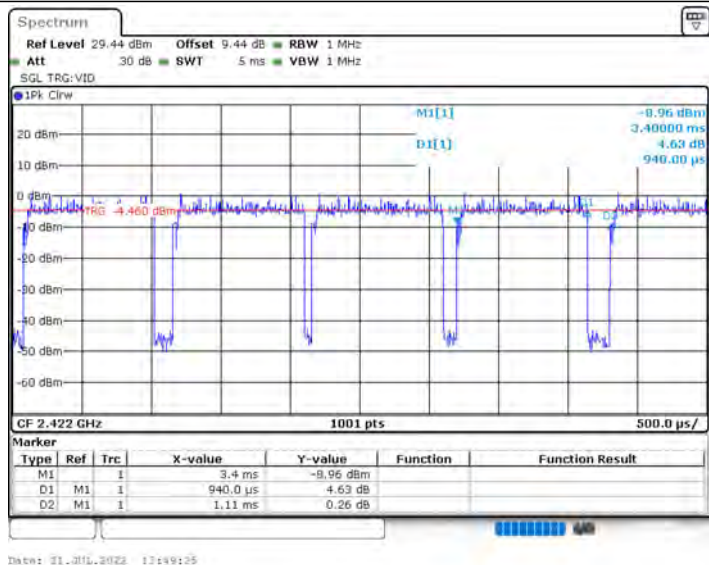
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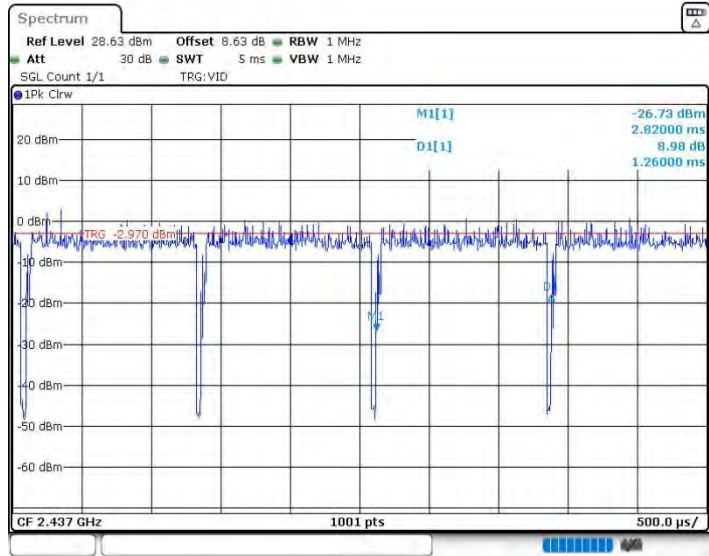
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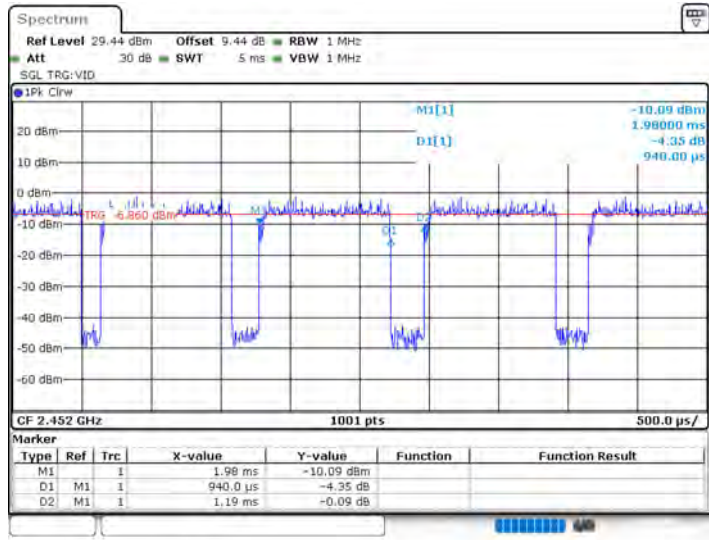
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



Date: 11_011_2022 13:56:40

11N40SISO_Ant1_2452

