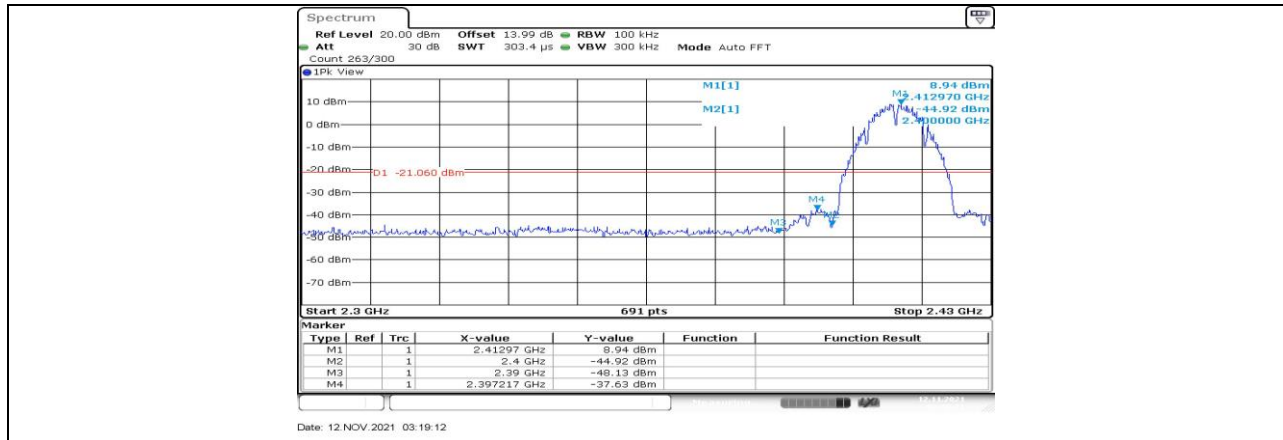




11.5. Appendix E: Band edge measurements
11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.94	-37.63	≤-21.06	PASS
		High	2462	7.53	-44.73	≤-22.47	PASS
11G	Ant1	Low	2412	7.82	-22.68	≤-22.18	PASS
		High	2462	4.78	-42.18	≤-25.22	PASS
11N20SISO	Ant1	Low	2412	4.34	-25.77	≤-25.66	PASS
		High	2462	3.18	-43.36	≤-26.82	PASS
11N40SISO	Ant1	Low	2422	4.84	-28.7	≤-25.16	PASS
		High	2452	4.45	-27.6	≤-25.55	PASS

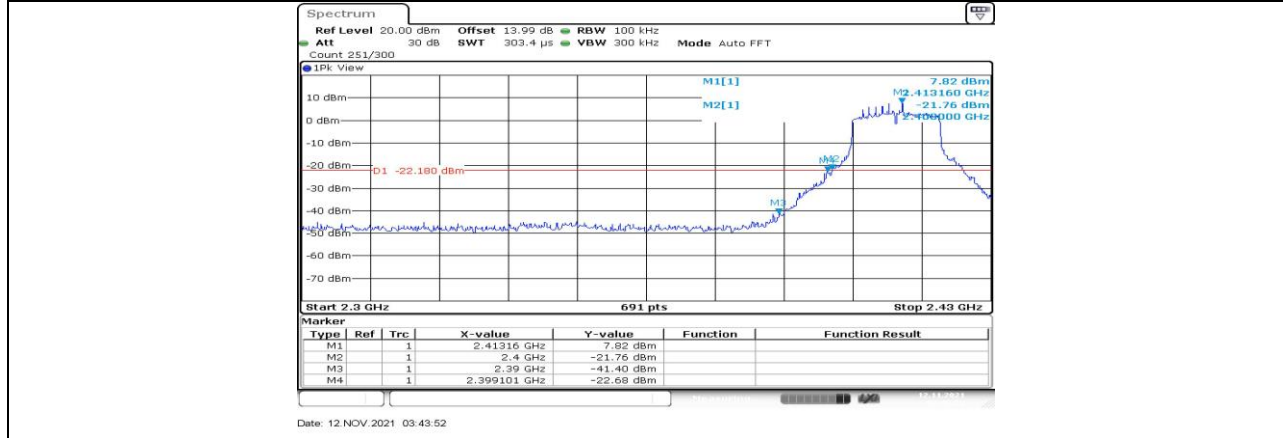
11.5.2. Test Graphs



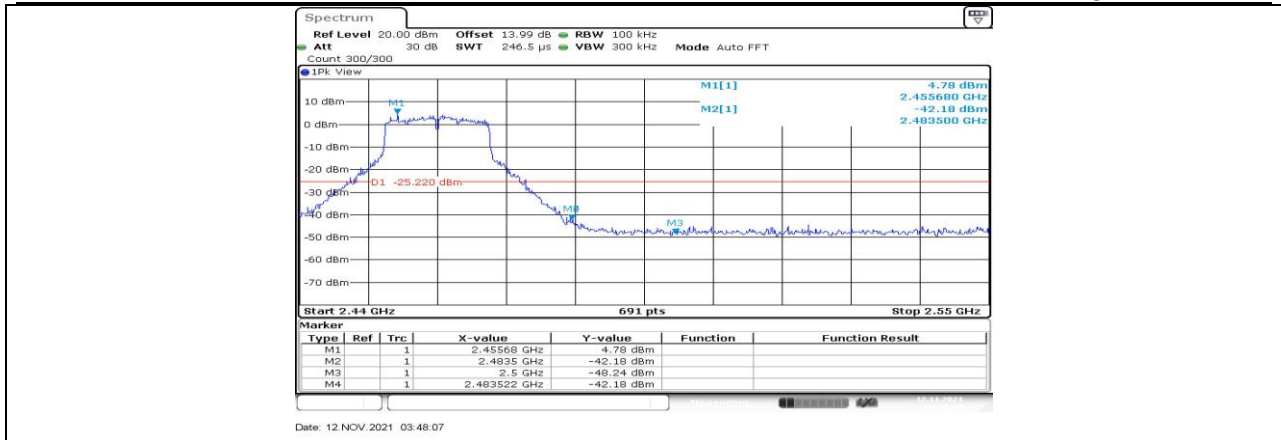
11B_Ant1_Low_2412



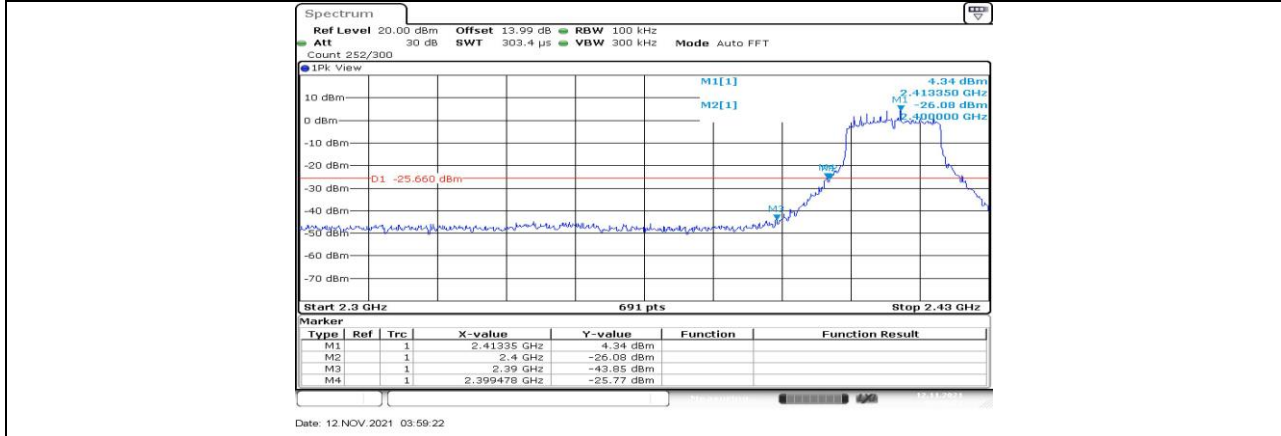
11B_Ant1_High_2462



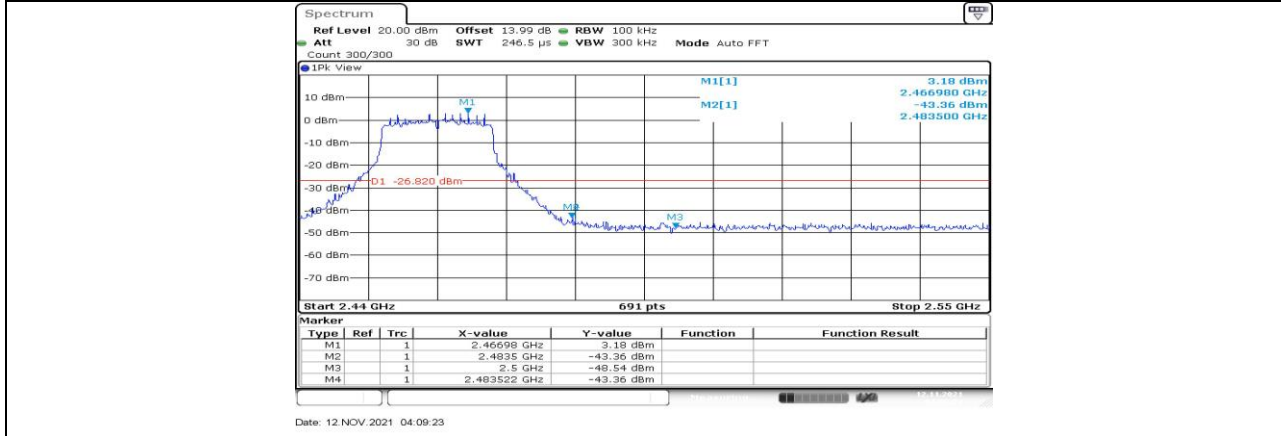
11G_Ant1_Low_2412



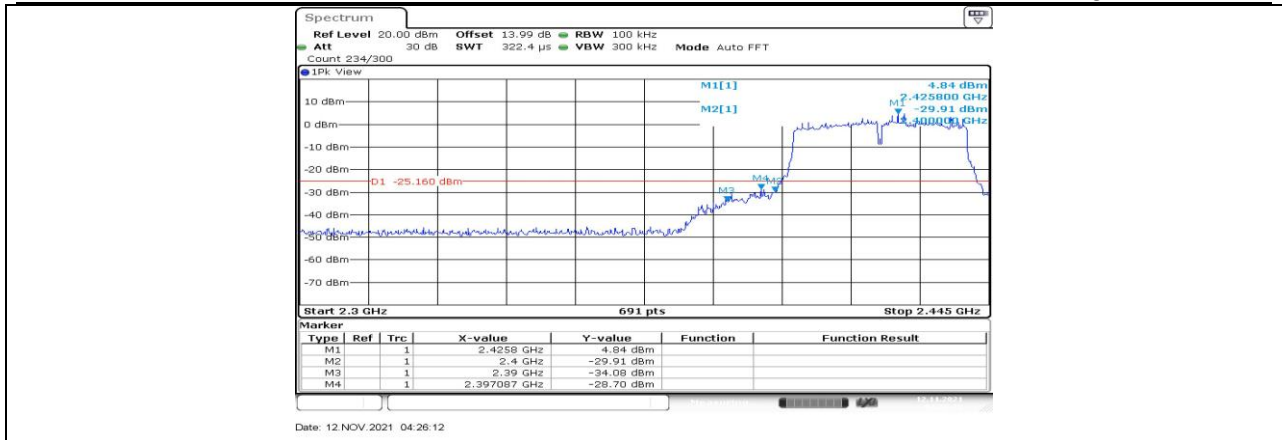
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

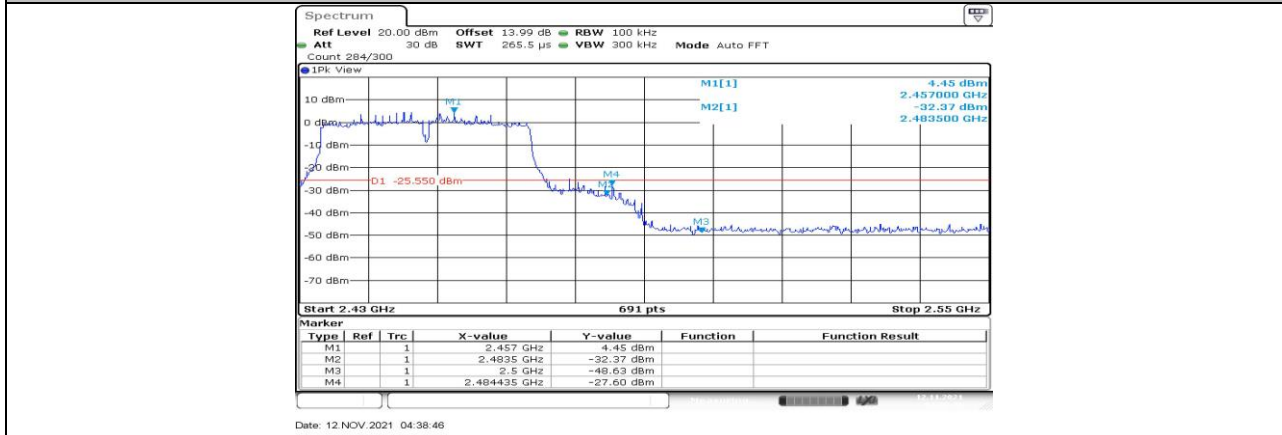


11N20SISO_Ant1_High_2462



Date: 12.NOV.2021 04:26:12

11N40SISO_Ant1_Low_2422



Date: 12.NOV.2021 04:38:46

11N40SISO_Ant1_High_2452

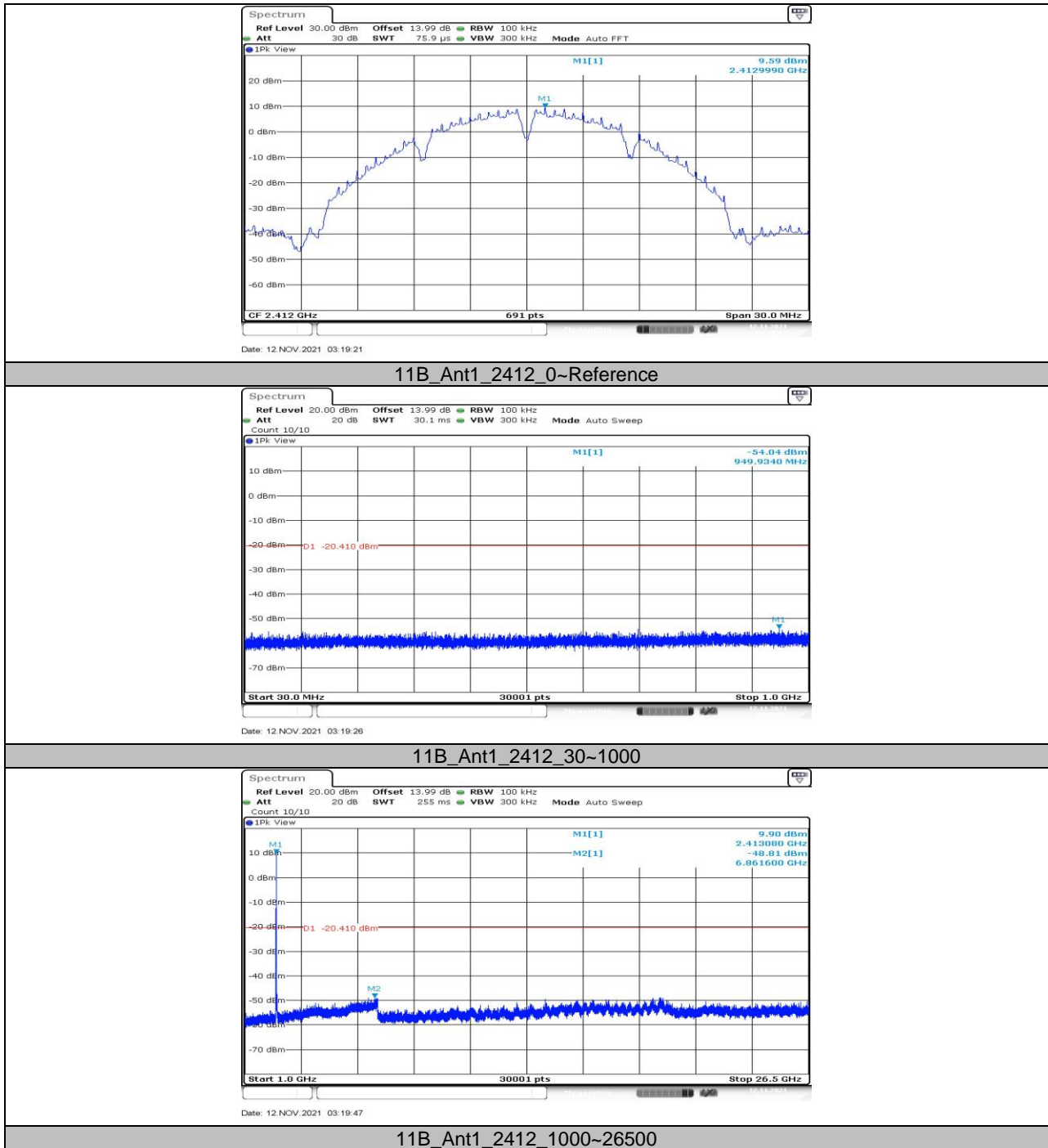


11.6. Appendix F: Conducted Spurious Emission
11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.59	---	PASS
			30~1000	-54.04	≤-20.41	PASS
			1000~26500	-48.81	≤-20.41	PASS
		2437	Reference	10.97	---	PASS
			30~1000	-54.27	≤-19.03	PASS
			1000~26500	-48.39	≤-19.03	PASS
		2462	Reference	8.50	---	PASS
			30~1000	-54.05	≤-21.5	PASS
			1000~26500	-48.16	≤-21.5	PASS
11G	Ant1	2412	Reference	7.31	---	PASS
			30~1000	-53.68	≤-22.69	PASS
			1000~26500	-48.46	≤-22.69	PASS
		2437	Reference	7.05	---	PASS
			30~1000	-53.63	≤-22.95	PASS
			1000~26500	-48.47	≤-22.95	PASS
		2462	Reference	6.98	---	PASS
			30~1000	-53.83	≤-23.02	PASS
			1000~26500	-48.78	≤-23.02	PASS
11N20SISO	Ant1	2412	Reference	6.67	---	PASS
			30~1000	-53.13	≤-23.33	PASS
			1000~26500	-48.09	≤-23.33	PASS
		2437	Reference	5.06	---	PASS
			30~1000	-53.93	≤-24.94	PASS
			1000~26500	-48.35	≤-24.94	PASS
		2462	Reference	4.31	---	PASS
			30~1000	-54.22	≤-25.69	PASS
			1000~26500	-48.34	≤-25.69	PASS
11N40SISO	Ant1	2422	Reference	4.93	---	PASS
			30~1000	-53.68	≤-25.07	PASS
			1000~26500	-48.25	≤-25.07	PASS
		2437	Reference	4.83	---	PASS
			30~1000	-53.99	≤-25.17	PASS
			1000~26500	-48.68	≤-25.17	PASS
		2452	Reference	4.85	---	PASS
			30~1000	-54	≤-25.15	PASS
			1000~26500	-47.93	≤-25.15	PASS



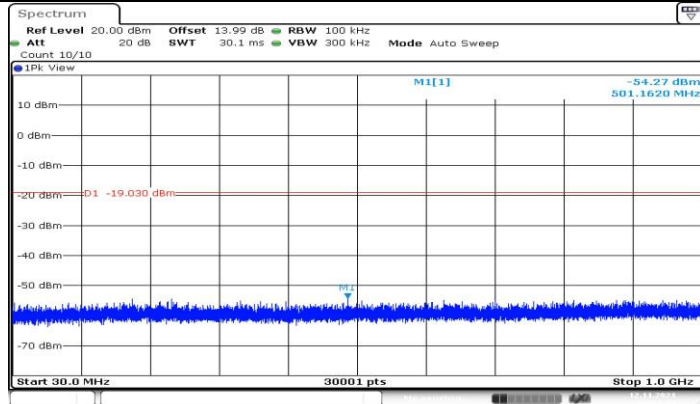
11.6.2. Test Graphs





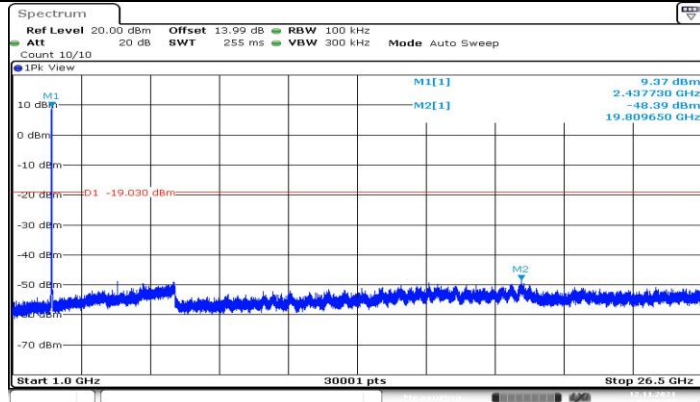
Date: 12.NOV.2021 03:27:42

11B_Ant1_2437_0~Reference



Date: 12.NOV.2021 03:27:46

11B_Ant1_2437_30~1000



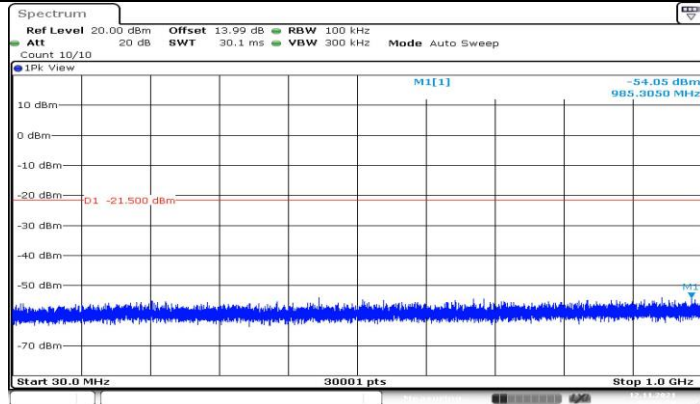
Date: 12.NOV.2021 03:28:07

11B_Ant1_2437_1000~26500



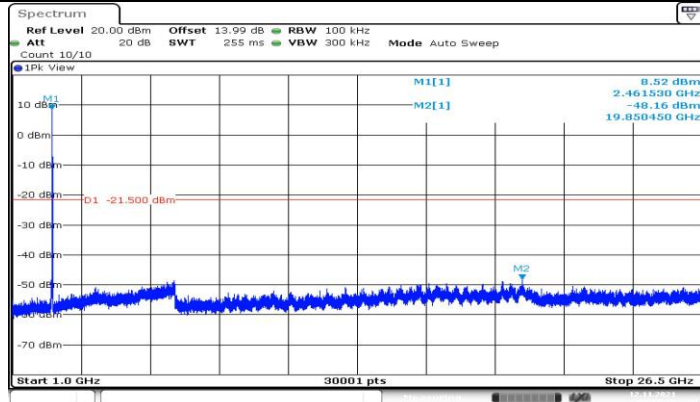
Date: 12.NOV.2021 03:36:54

11B_Ant1_2462_0~Reference



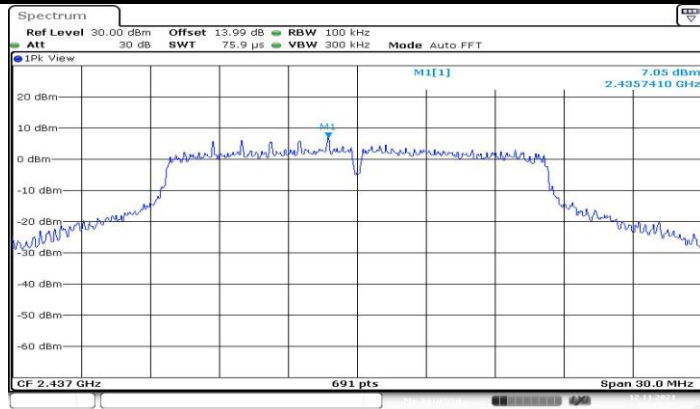
Date: 12.NOV.2021 03:36:58

11B_Ant1_2462_30~1000



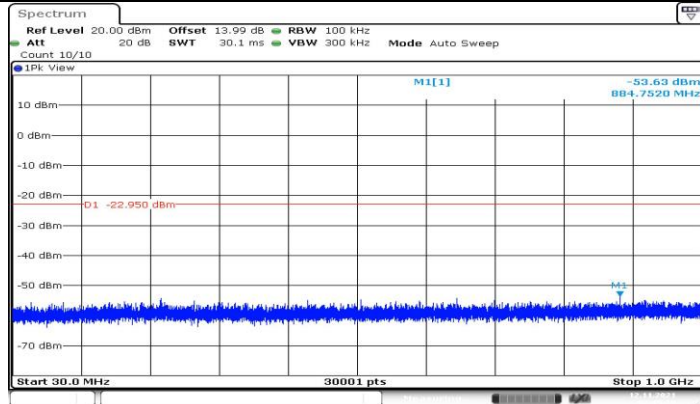
Date: 12.NOV.2021 03:37:20

11B_Ant1_2462_1000~26500



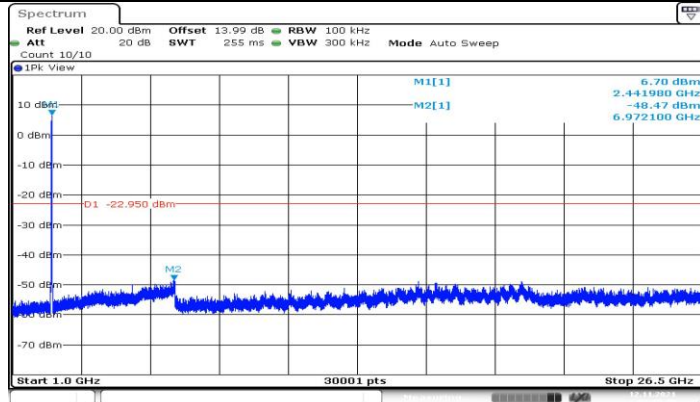
Date: 12.NOV.2021 03:45:15

11G_Ant1_2437_0-Reference



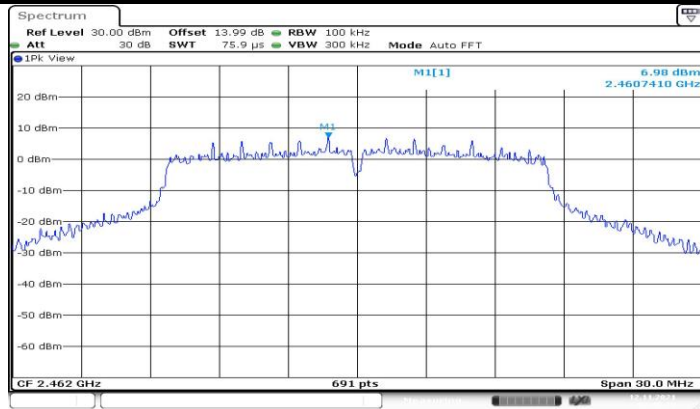
Date: 12.NOV.2021 03:45:19

11G_Ant1_2437_30-1000



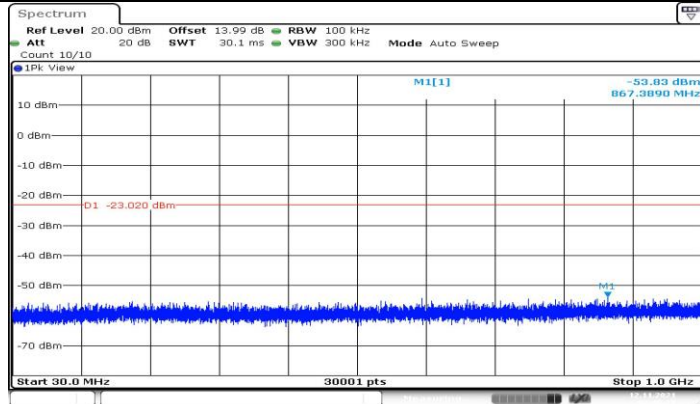
Date: 12.NOV.2021 03:45:41

11G_Ant1_2437_1000-26500



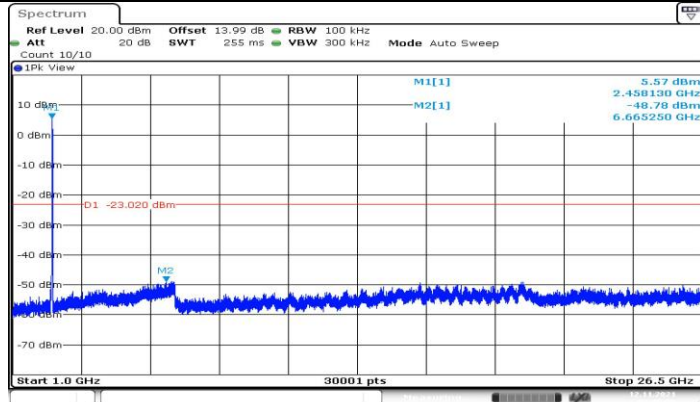
Date: 12.NOV.2021 03:48:14

11G_Ant1_2462_0-Reference



Date: 12.NOV.2021 03:48:18

11G_Ant1_2462_30-1000



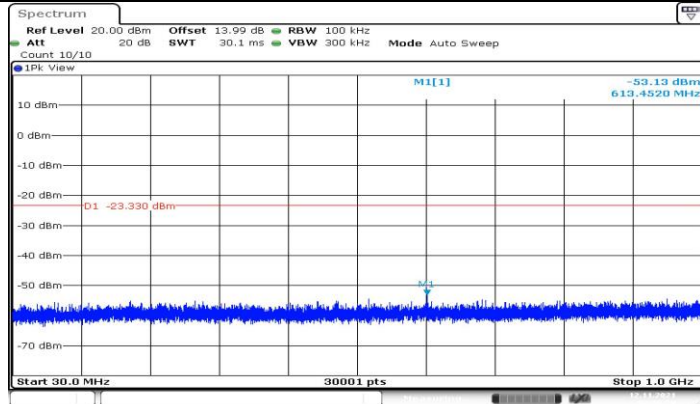
Date: 12.NOV.2021 03:48:39

11G_Ant1_2462_1000-26500



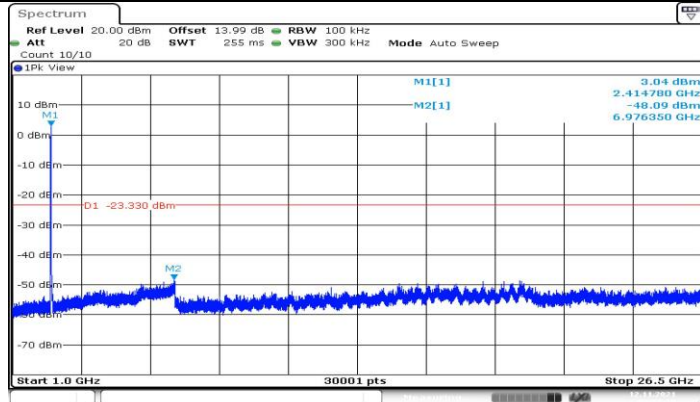
Date: 12.NOV.2021 03:50:53

11N20SISO_Ant1_2412_0~Reference



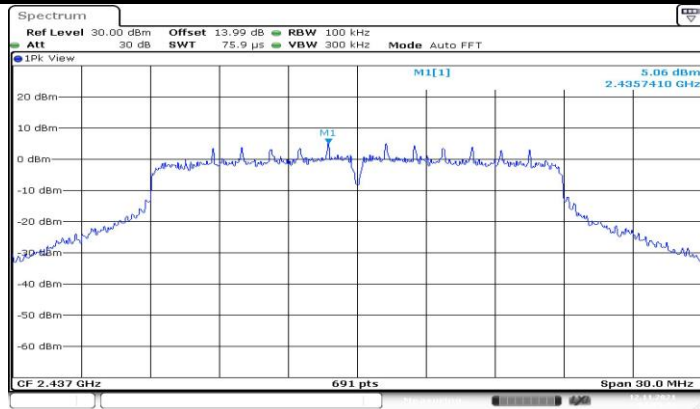
Date: 12.NOV.2021 03:50:58

11N20SISO_Ant1_2412_30~1000



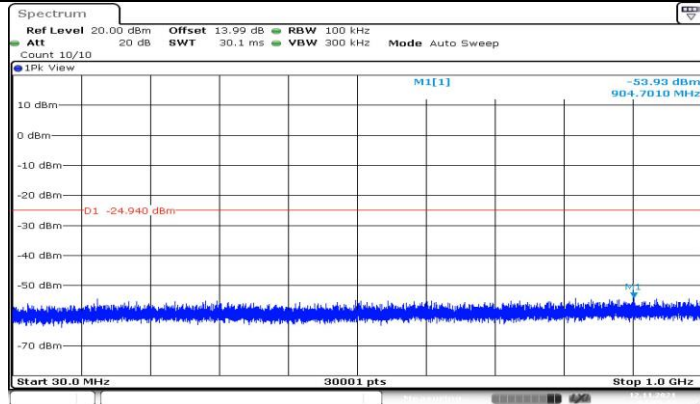
Date: 12.NOV.2021 03:51:19

11N20SISO_Ant1_2412_1000~26500



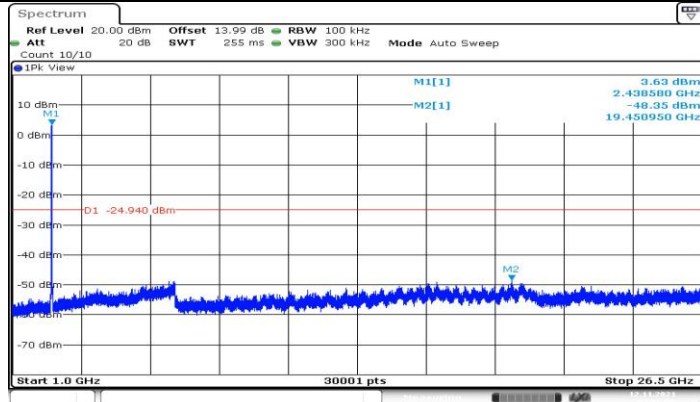
Date: 12.NOV.2021 04:05:44

11N20SISO_Ant1_2437_0~Reference



Date: 12.NOV.2021 04:05:48

11N20SISO_Ant1_2437_30~1000



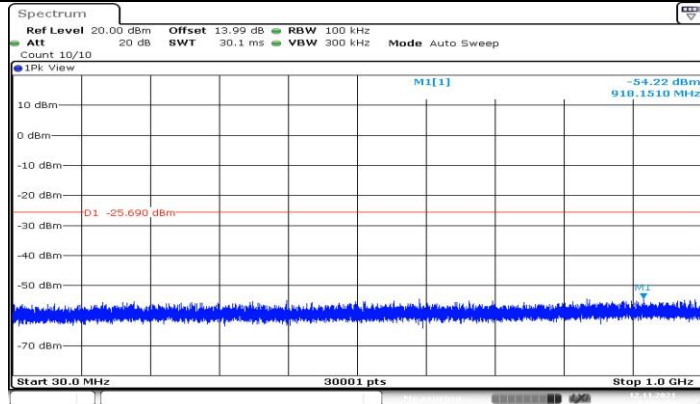
Date: 12.NOV.2021 04:08:09

11N20SISO_Ant1_2437_1000~26500



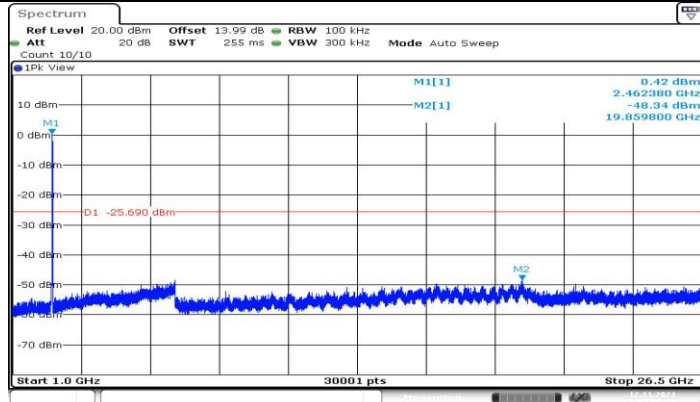
Date: 12.NOV.2021 04:09:29

11N20SISO_Ant1_2462_0~Reference



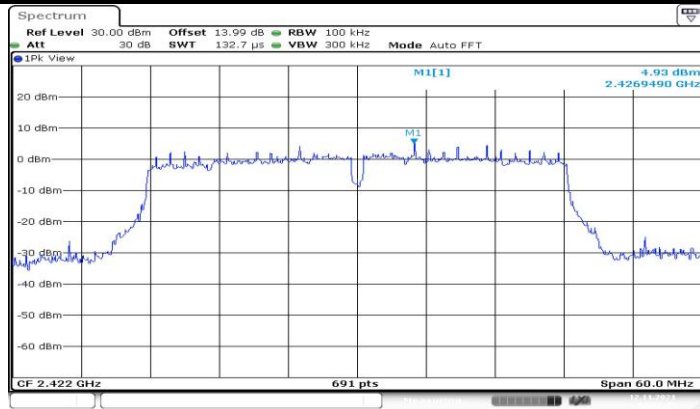
Date: 12.NOV.2021 04:09:34

11N20SISO_Ant1_2462_30~1000



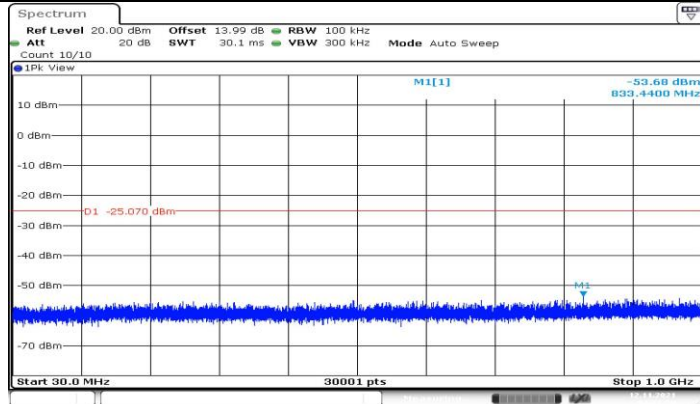
Date: 12.NOV.2021 04:09:55

11N20SISO_Ant1_2462_1000~26500



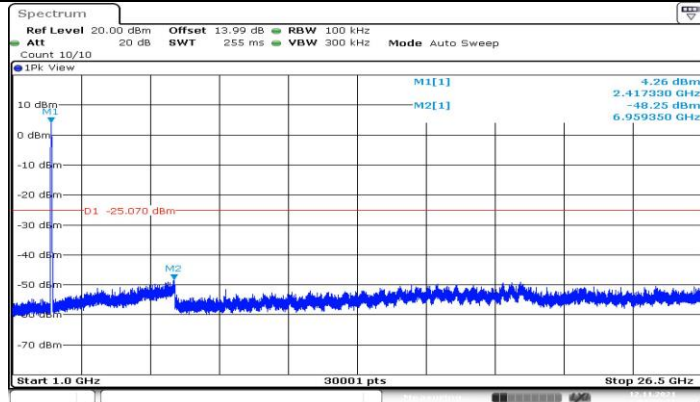
Date: 12.NOV.2021 04:31:45

11N40SISO_Ant1_2422_0~Reference



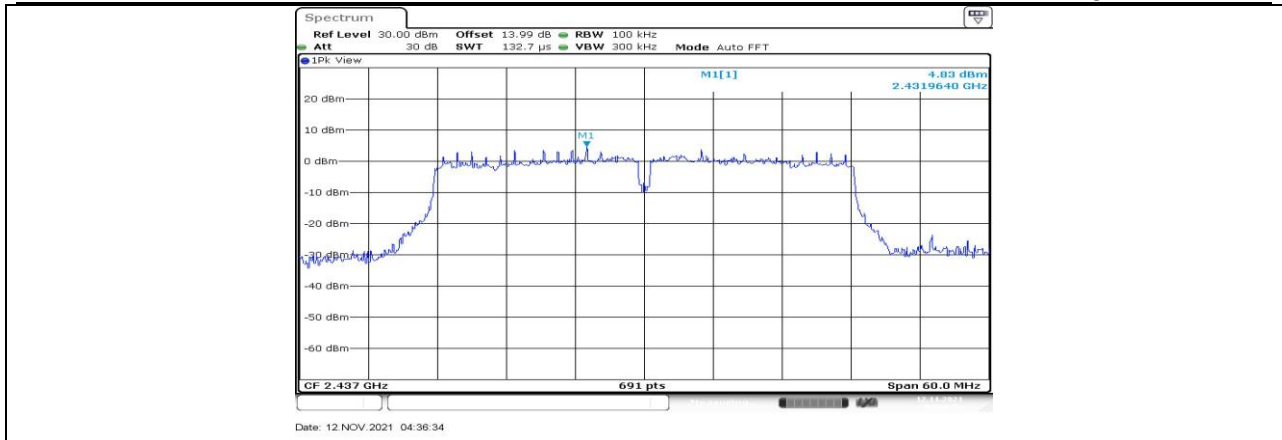
Date: 12.NOV.2021 04:31:50

11N40SISO_Ant1_2422_30~1000

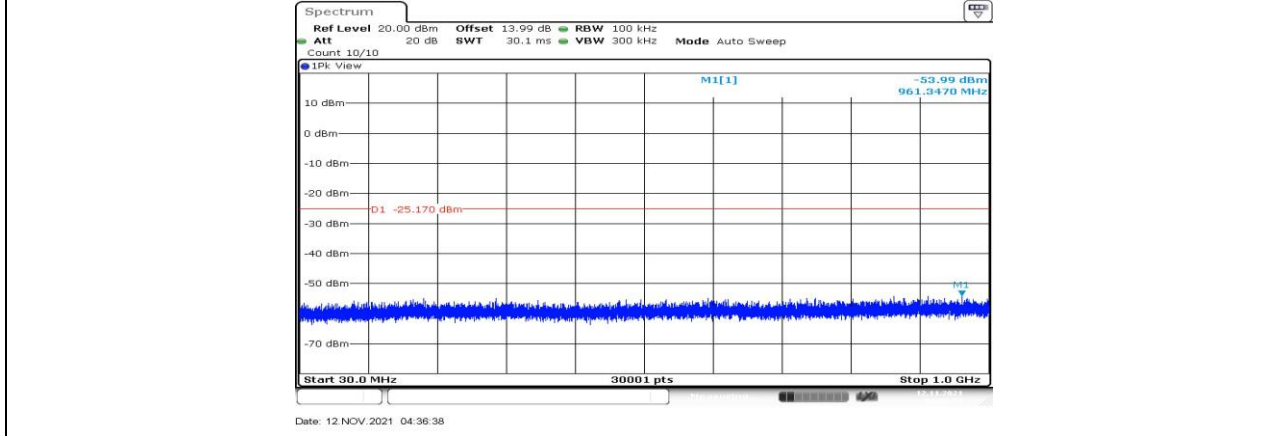


Date: 12.NOV.2021 04:32:11

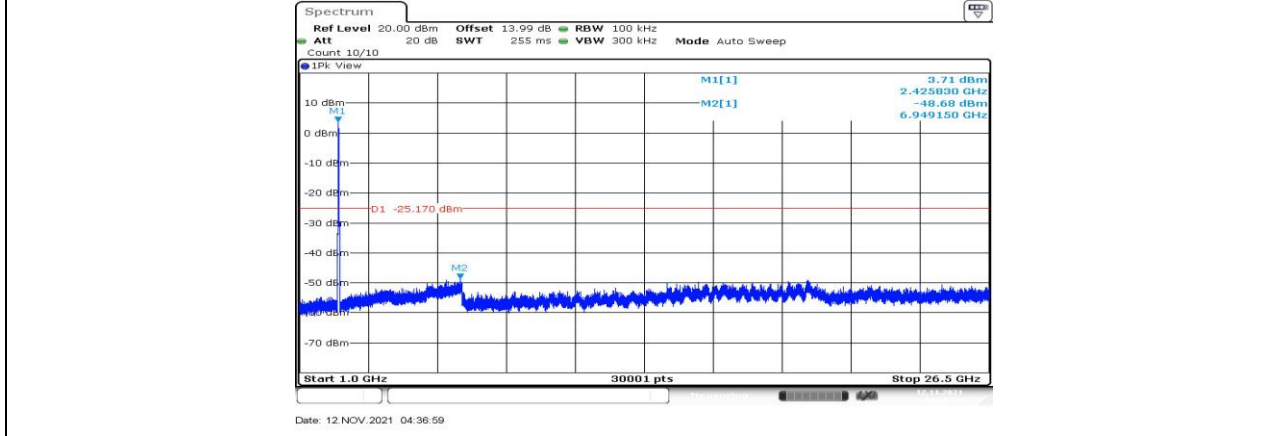
11N40SISO_Ant1_2422_1000~26500



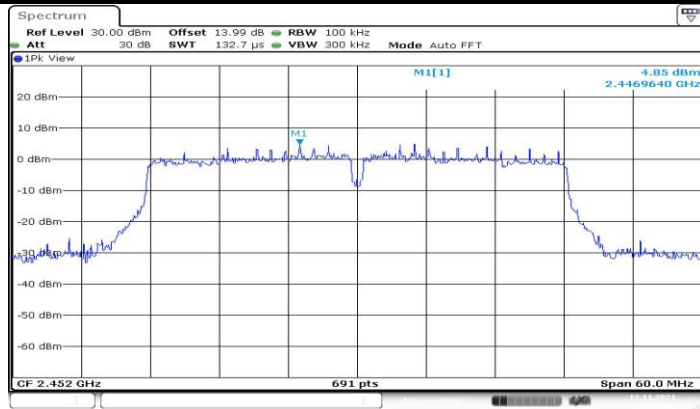
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~100

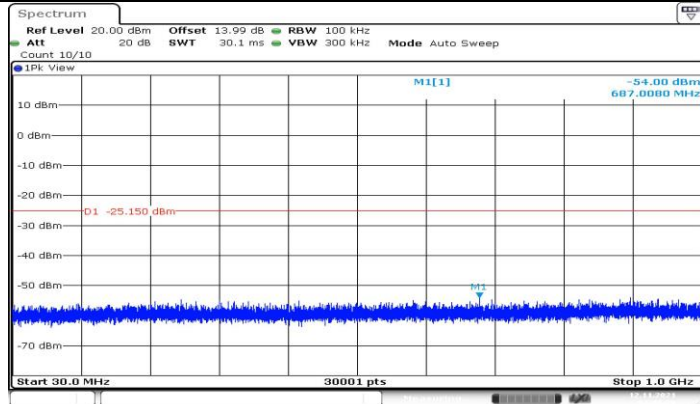


11N40SISO_Ant1_2437_1000~26500



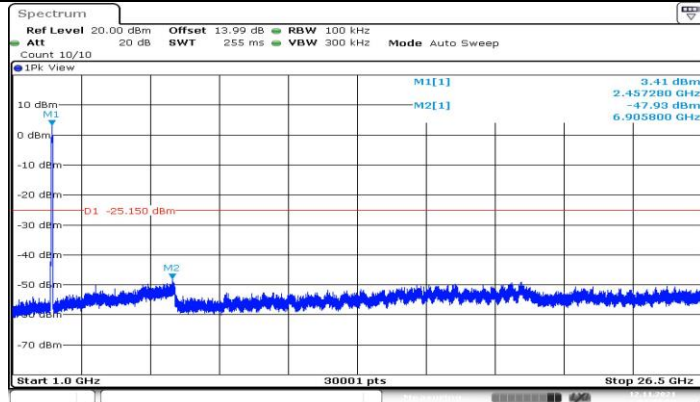
Date: 12.NOV.2021 04:44:35

11N40SISO_Ant1_2452_0~Reference



Date: 12.NOV.2021 04:44:39

11N40SISO_Ant1_2452_30~1000



Date: 12.NOV.2021 04:45:00

11N40SISO_Ant1_2452_1000~26500

**11.7. Appendix G: Duty Cycle****11.7.1. Test Result**

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	12.18	12.49	0.9752	97.52	0.11	0.08	0.5
11G	2.02	2.17	0.9309	93.09	0.31	0.50	1
11N20SISO	1.70	1.85	0.9189	91.89	0.37	0.59	1
11N40SISO	0.84	0.98	0.8571	85.71	0.67	1.19	2

Note:

Duty Cycle Correction Factor= $10\log(1/x)$.

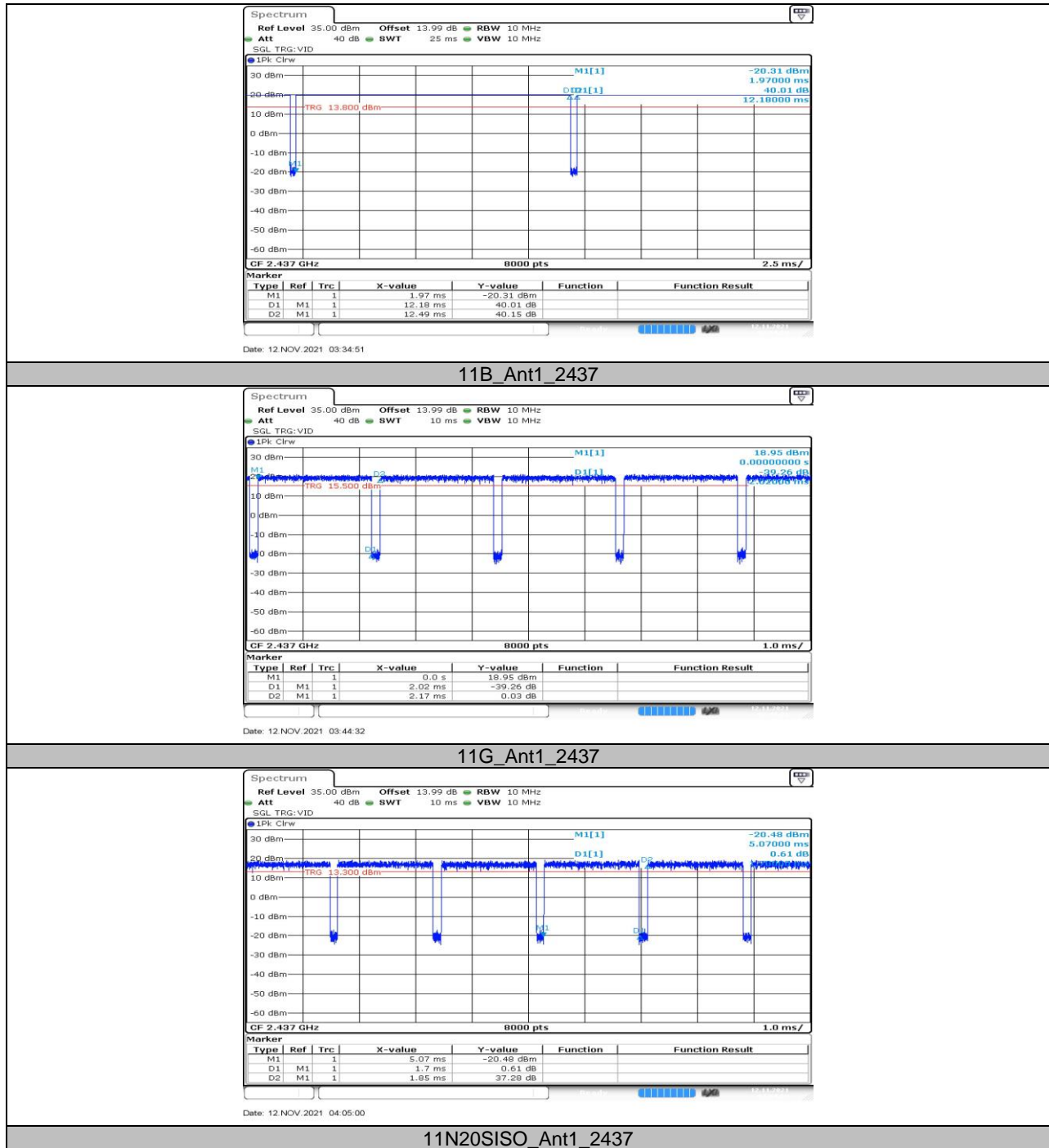
Where: x is Duty Cycle (Linear)

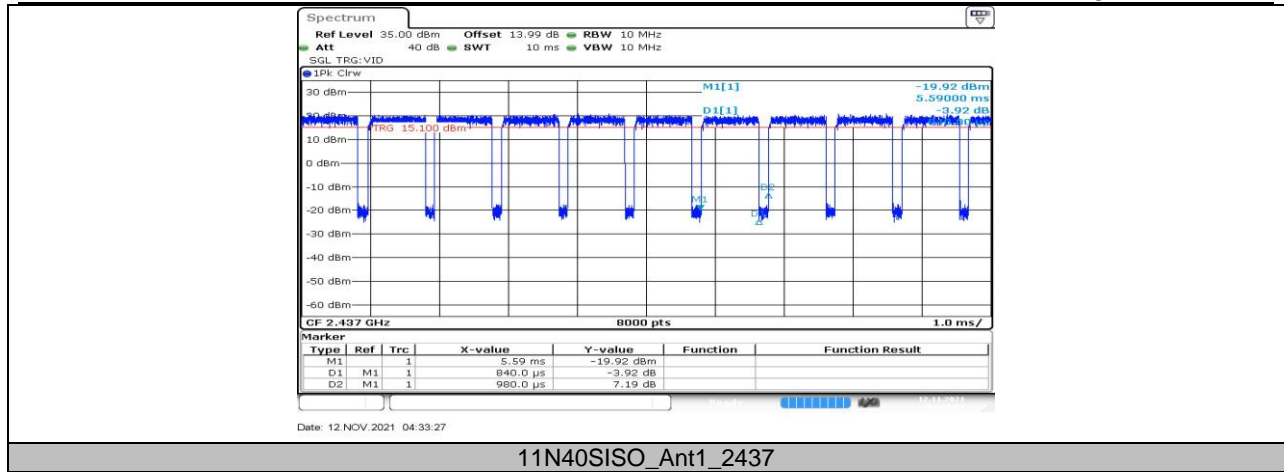
Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.



11.7.2. Test Graphs





END OF REPORT