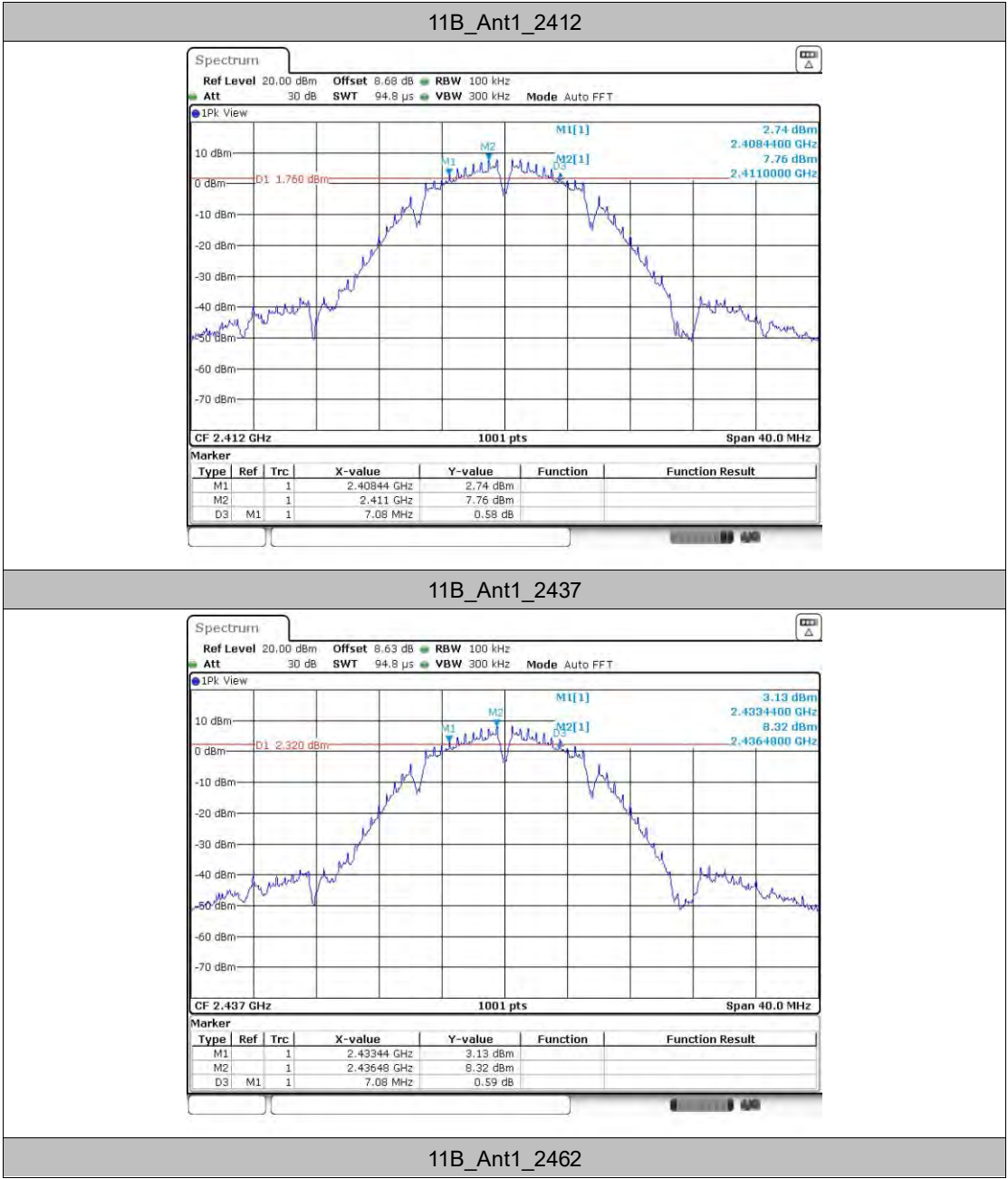


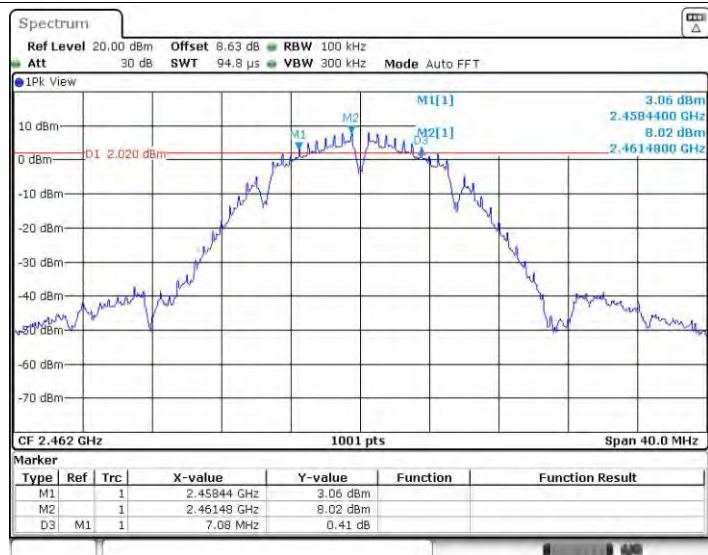
Appendix A: DTS Bandwidth

Test Result

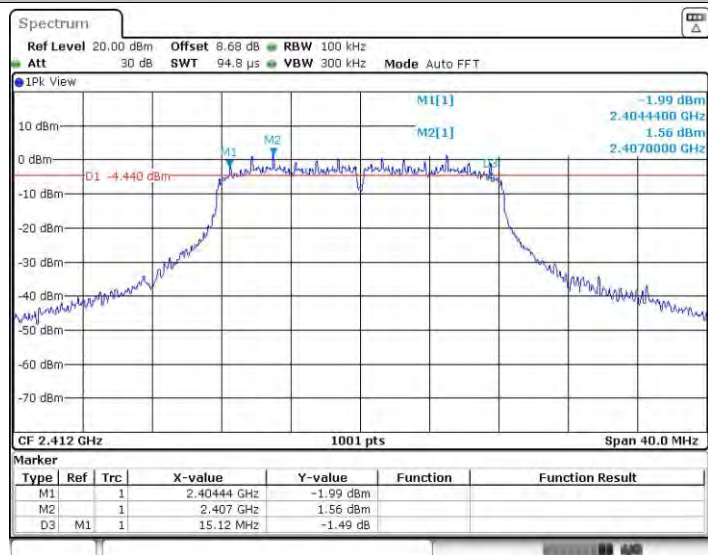
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.08	2408.44	2415.52	0.5	PASS
		2437	7.08	2433.44	2440.52	0.5	PASS
		2462	7.08	2458.44	2465.52	0.5	PASS
11G	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
		2437	15.52	2429.24	2444.76	0.5	PASS
		2462	15.32	2454.20	2469.52	0.5	PASS
11N20SISO	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
		2437	15.12	2429.44	2444.56	0.5	PASS
		2462	15.36	2454.20	2469.56	0.5	PASS
11N40SISO	Ant1	2422	35.36	2404.24	2439.60	0.5	PASS
		2437	35.36	2419.24	2454.60	0.5	PASS
		2452	35.36	2434.24	2469.60	0.5	PASS
11AX20SISO	Ant1	2412	15.48	2404.28	2419.76	0.5	PASS
		2437	16.16	2428.64	2444.80	0.5	PASS
		2462	15.28	2454.28	2469.56	0.5	PASS
11AX40SISO	Ant1	2422	36.32	2403.60	2439.92	0.5	PASS
		2437	36.40	2418.52	2454.92	0.5	PASS
		2452	36.24	2433.52	2469.76	0.5	PASS

Test Graphs

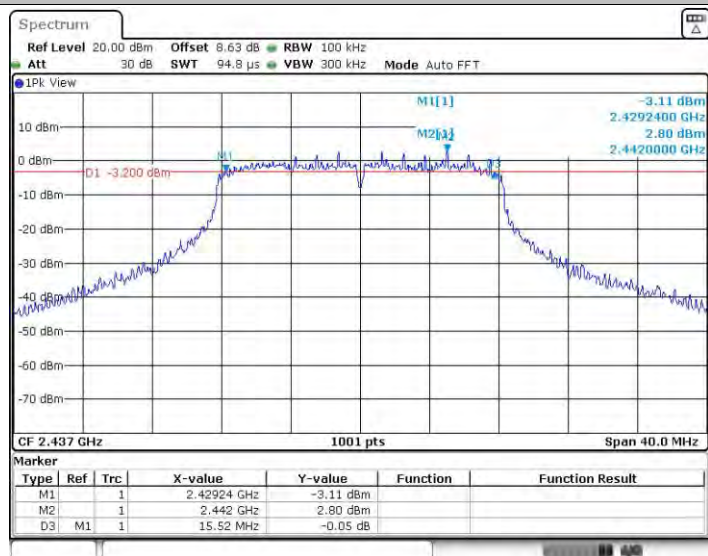




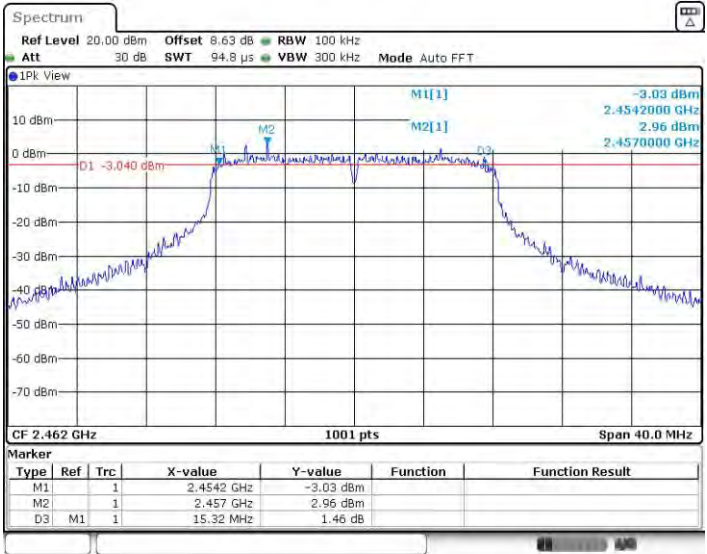
11G_Ant1_2412



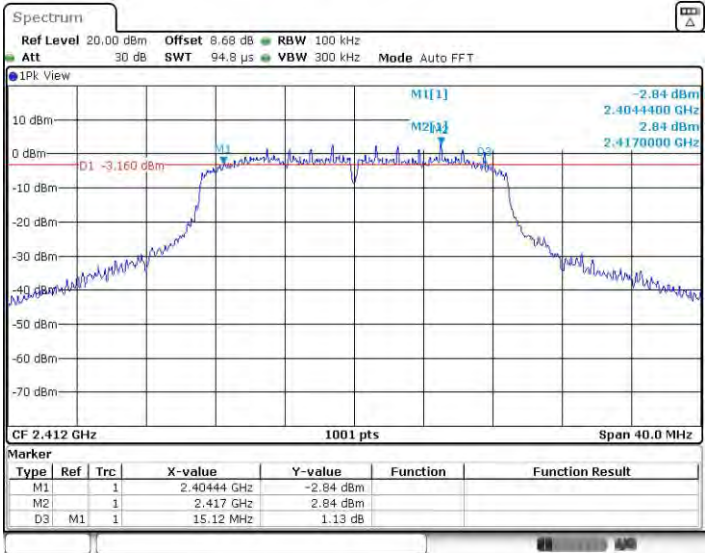
11G_Ant1_2437



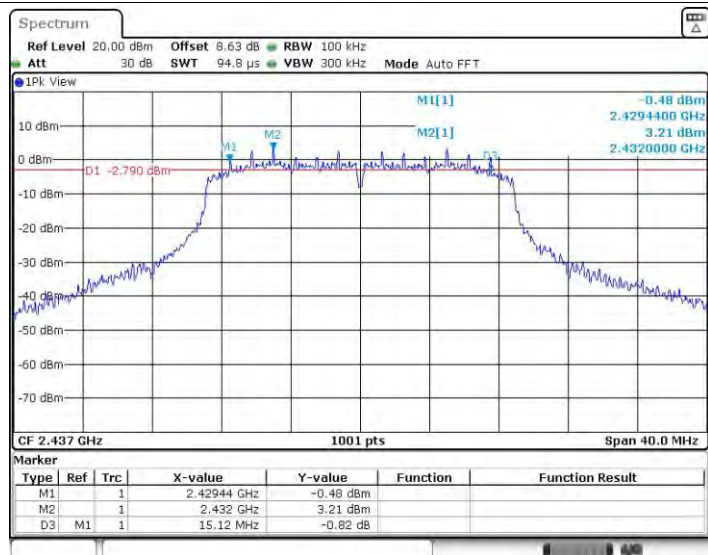
11G_Ant1_2462



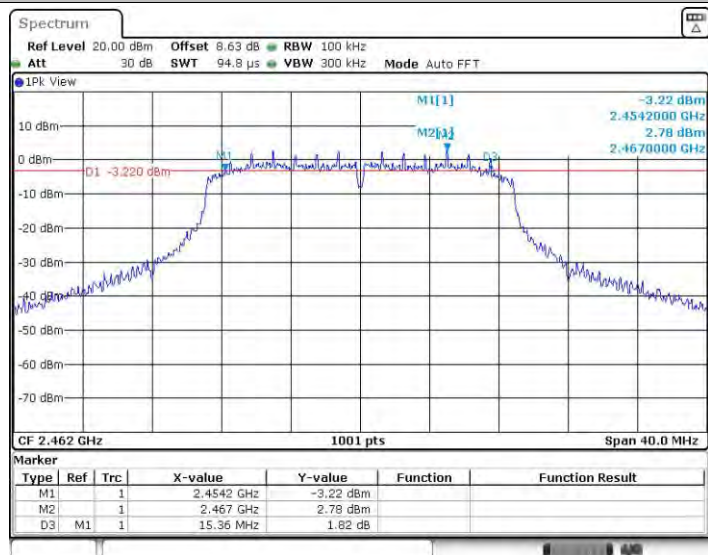
11N20SISO_Ant1_2412



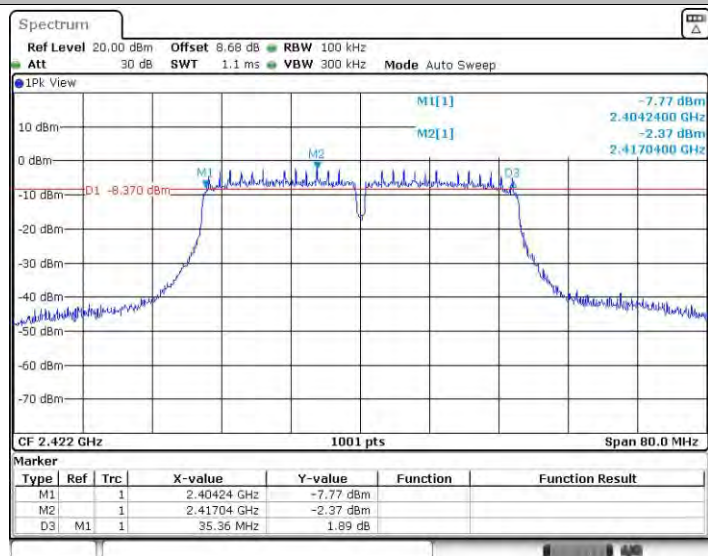
11N20SISO_Ant1_2437



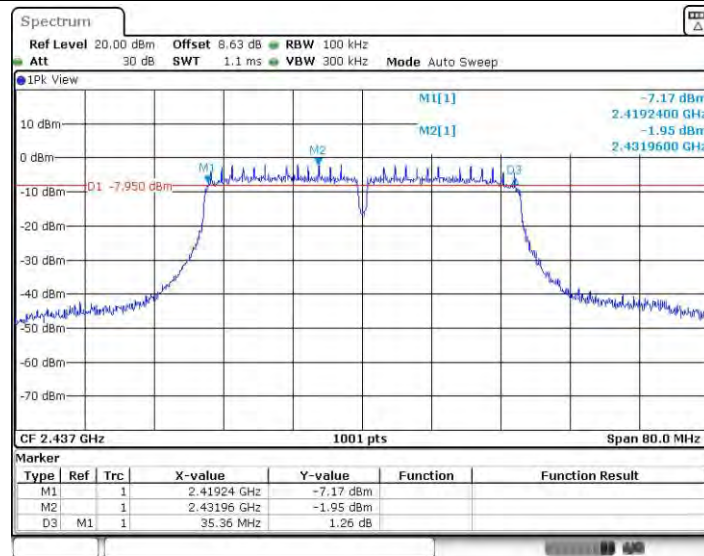
11N20SISO_Ant1_2462



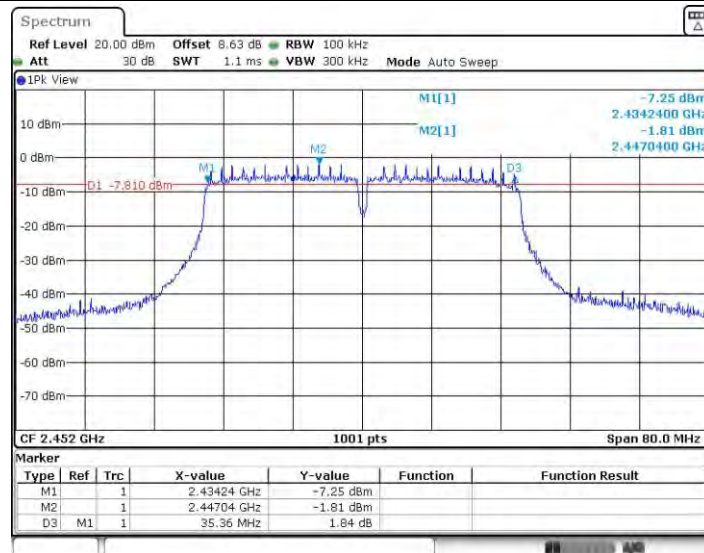
11N40SISO_Ant1_2422



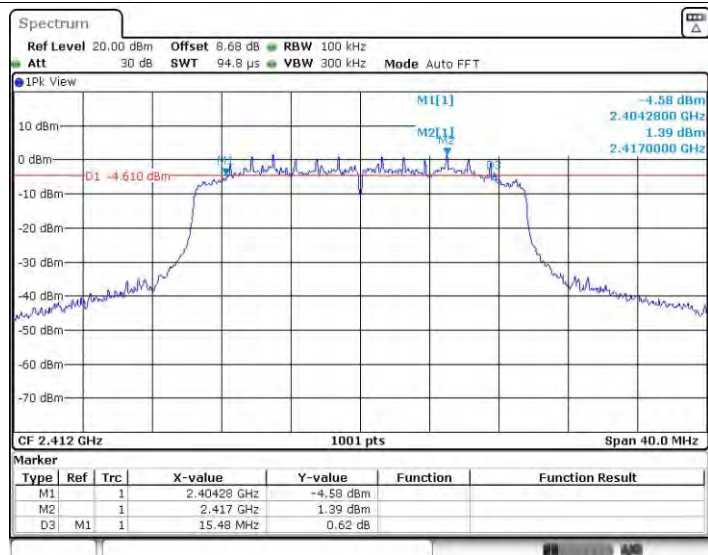
11N40SISO_Ant1_2437



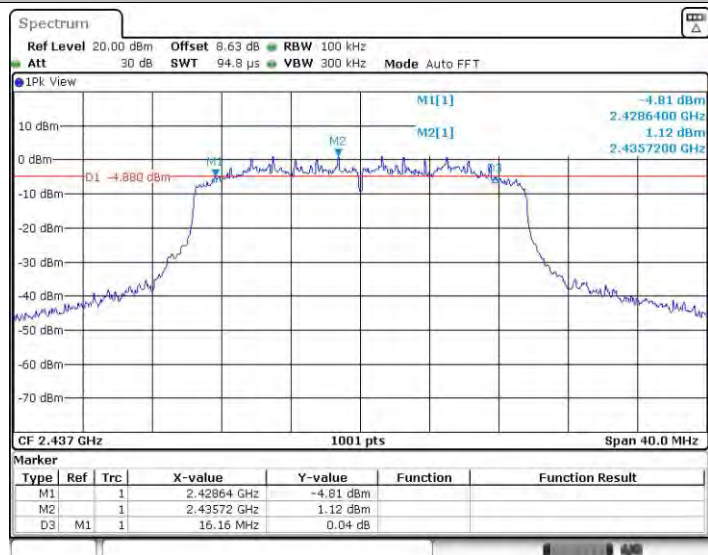
11N40SISO_Ant1_2452



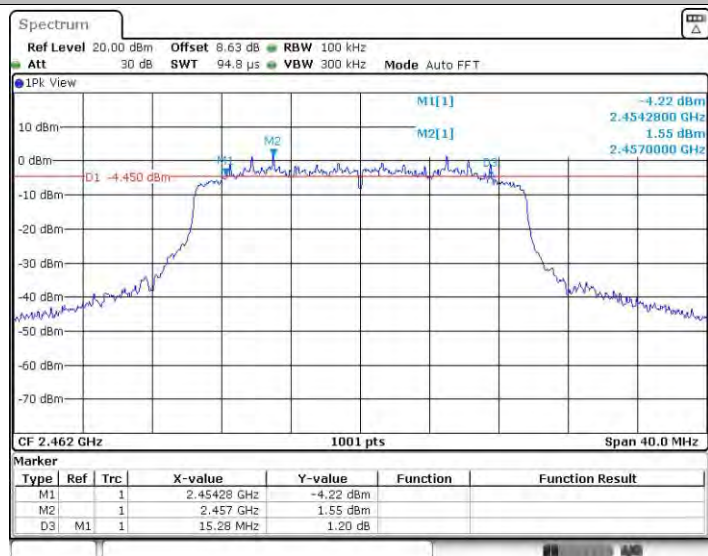
11AX20SISO_Ant1_2412



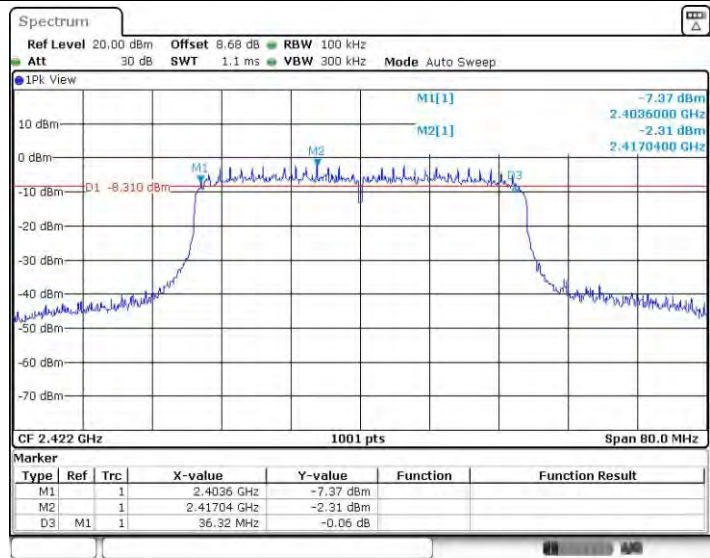
11AX20SISO_Ant1_2437



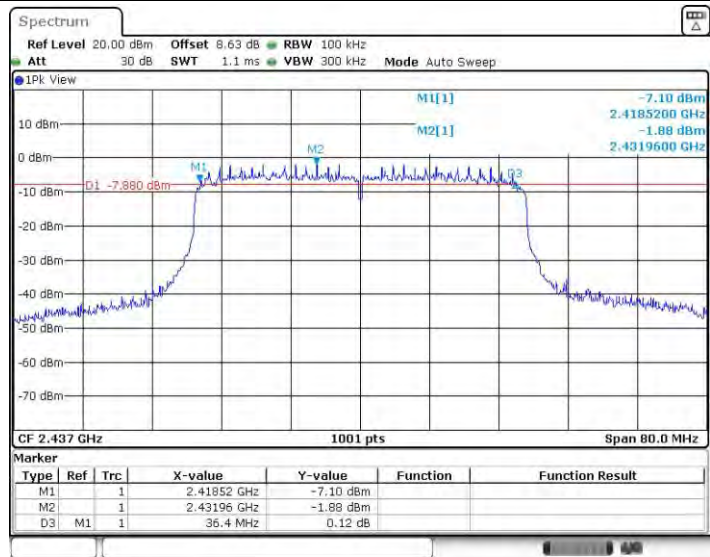
11AX20SISO_Ant1_2462



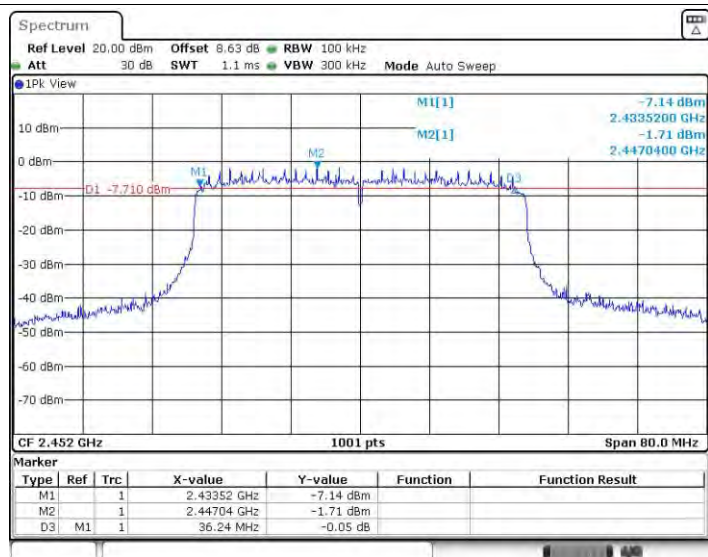
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

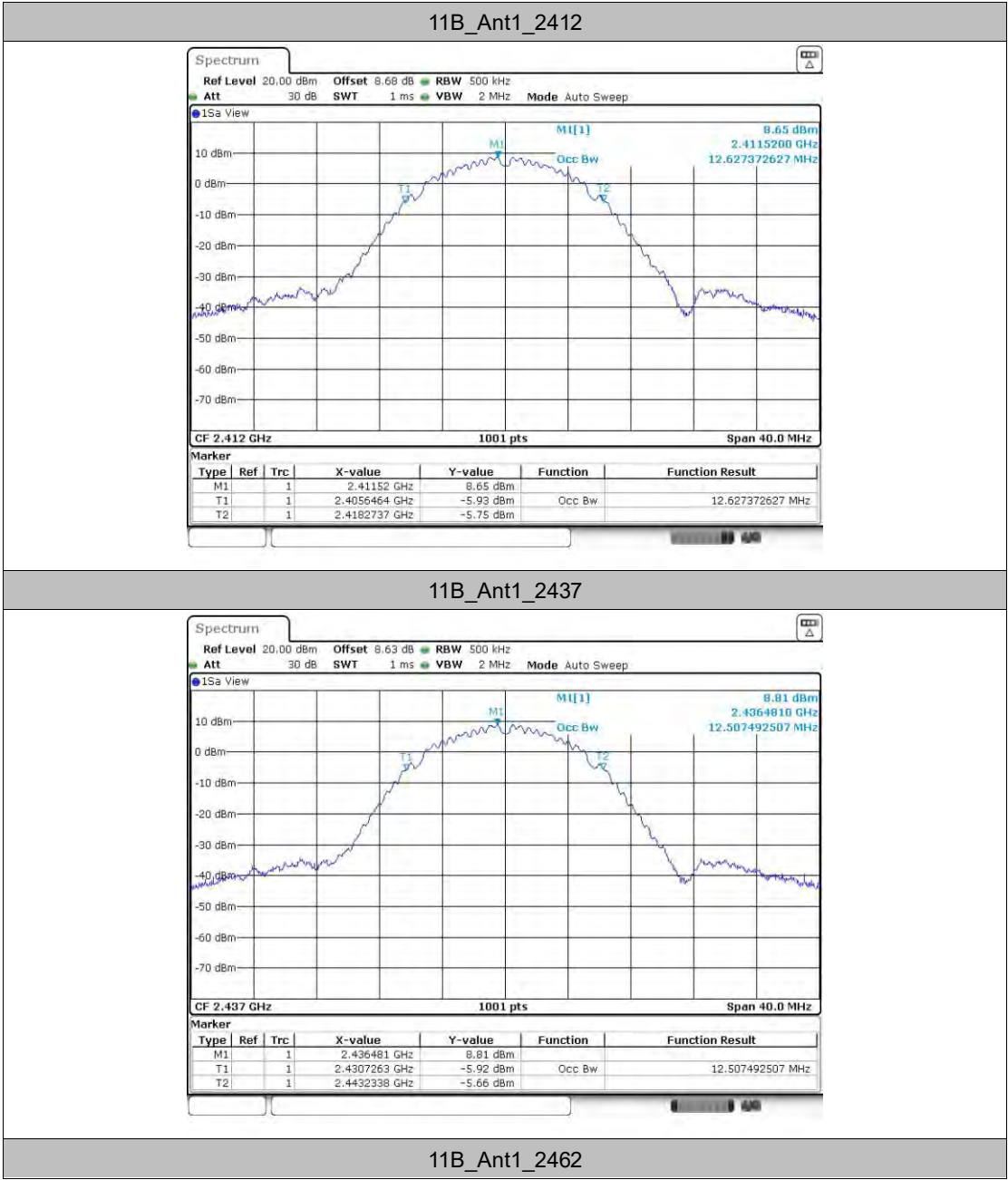


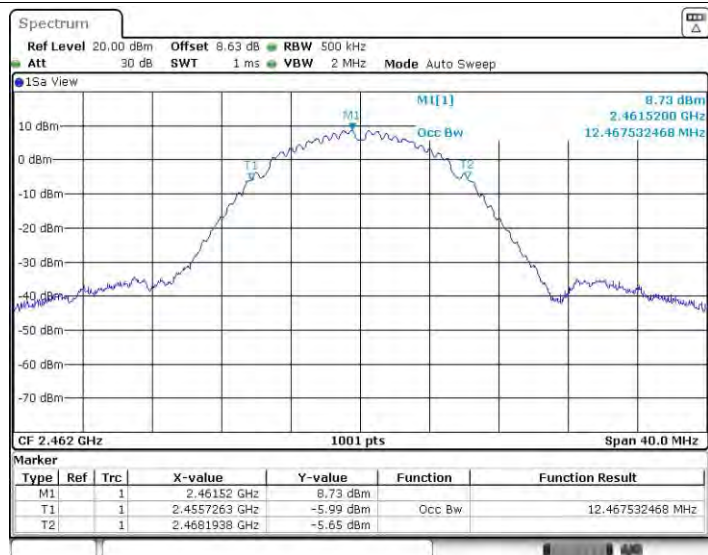
Appendix B: Occupied Channel Bandwidth

Test Result

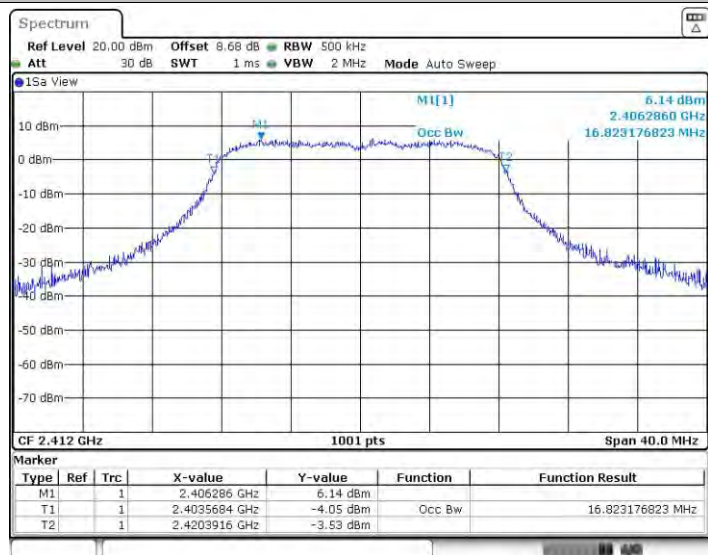
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.627	2405.646	2418.274	---	---
		2437	12.507	2430.726	2443.234	---	---
		2462	12.468	2455.726	2468.194	---	---
11G	Ant1	2412	16.823	2403.568	2420.392	---	---
		2437	16.823	2428.568	2445.392	---	---
		2462	16.823	2453.529	2470.352	---	---
11N20SISO	Ant1	2412	17.862	2403.049	2420.911	---	---
		2437	17.902	2428.049	2445.951	---	---
		2462	17.902	2453.009	2470.911	---	---
11N40SISO	Ant1	2422	36.523	2403.698	2440.222	---	---
		2437	36.603	2418.618	2455.222	---	---
		2452	36.603	2433.618	2470.222	---	---
11AX20SISO	Ant1	2412	18.781	2402.569	2421.351	---	---
		2437	18.781	2427.569	2446.351	---	---
		2462	18.781	2452.569	2471.351	---	---
11AX40SISO	Ant1	2422	37.722	2403.059	2440.781	---	---
		2437	37.802	2418.059	2455.861	---	---
		2452	37.802	2433.059	2470.861	---	---

Test Graphs

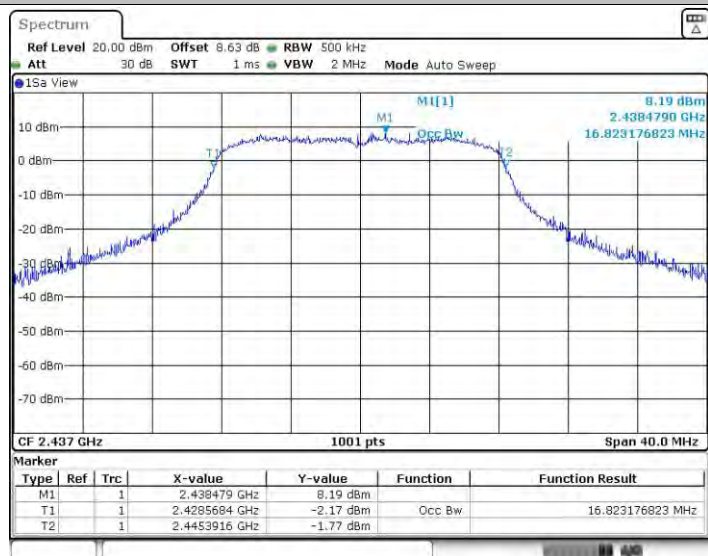




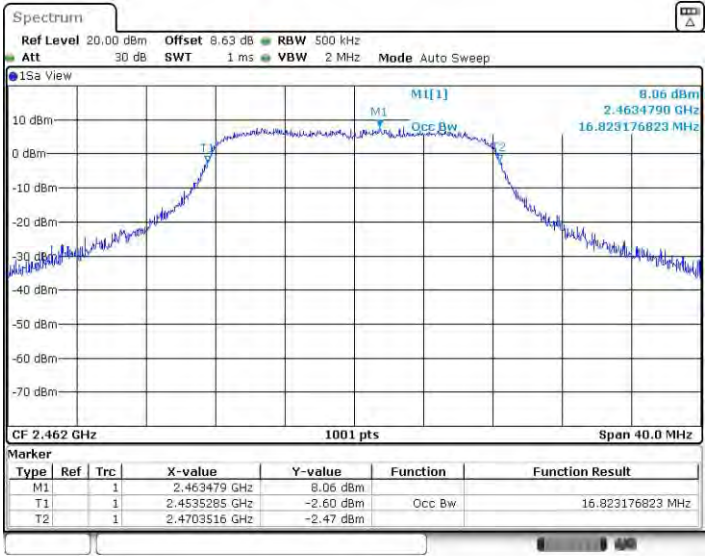
11G_Ant1_2412



11G_Ant1_2437



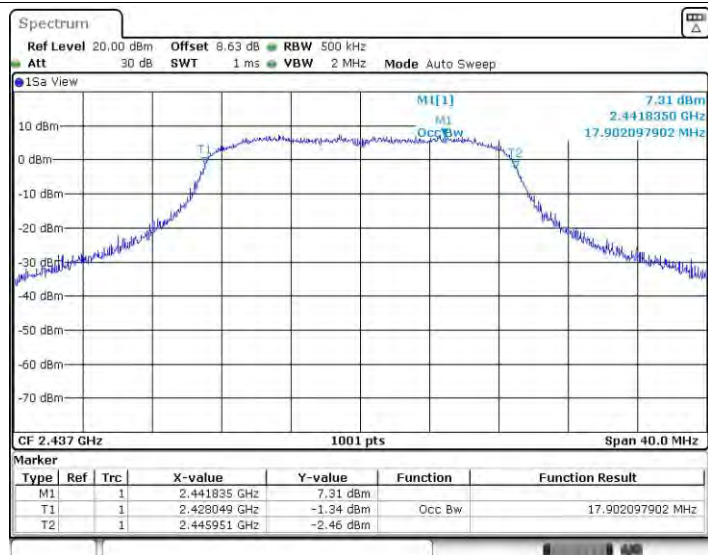
11G_Ant1_2462



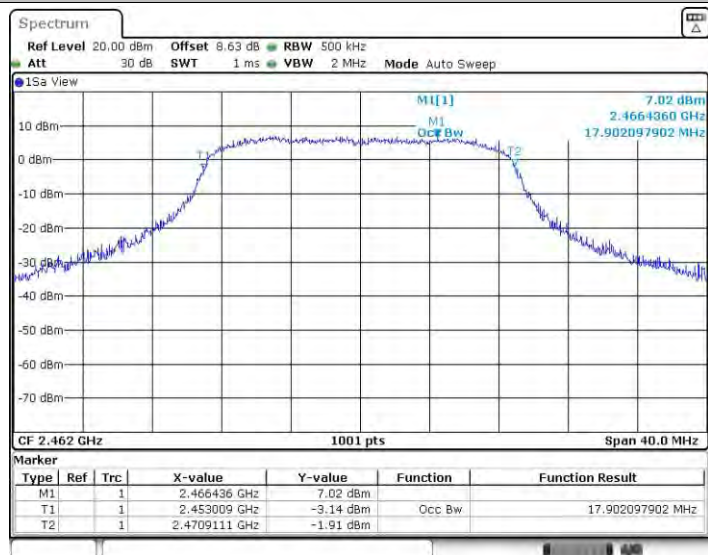
11N20SISO_Ant1_2412



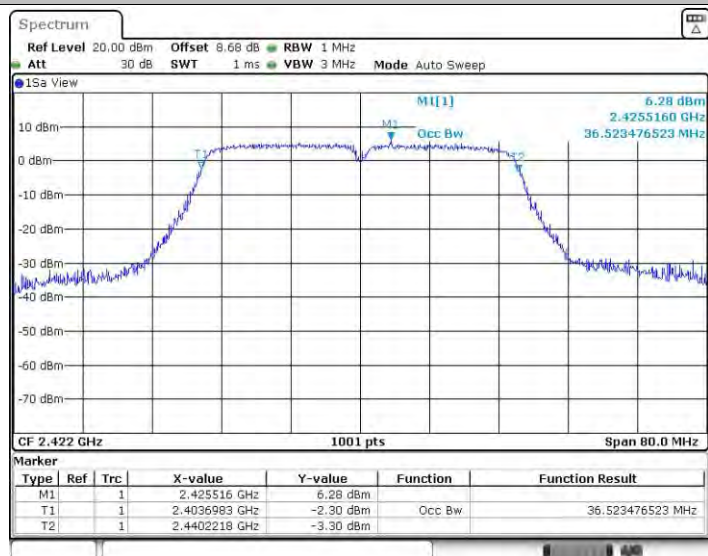
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



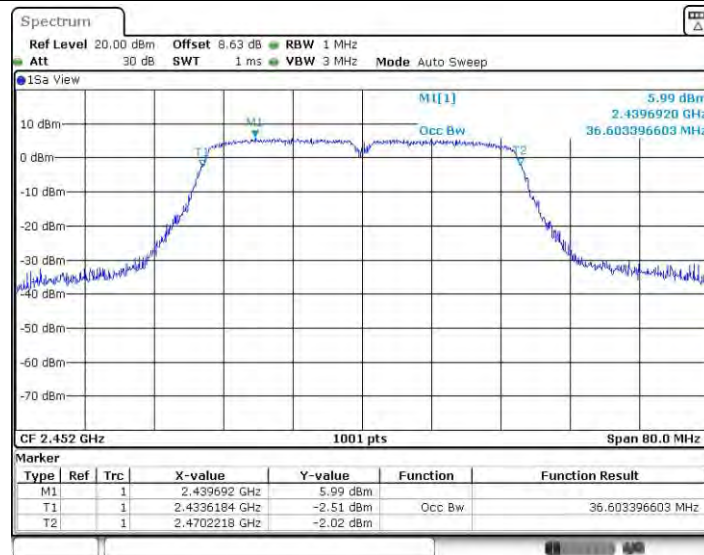
11N40SISO_Ant1_2422



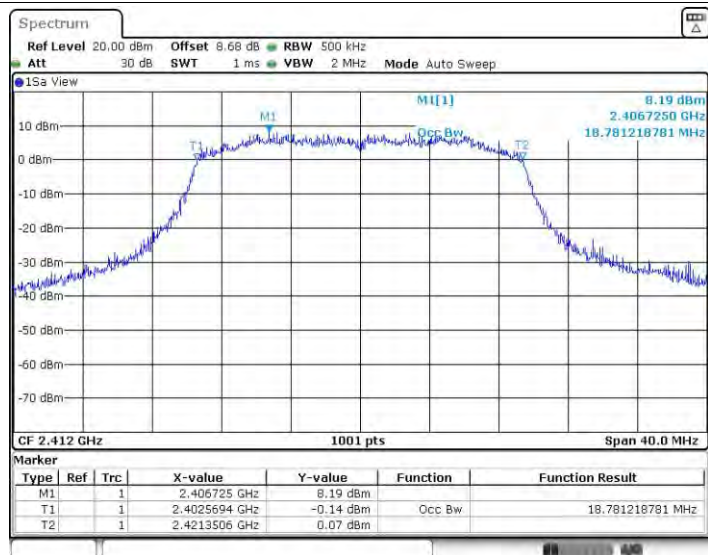
11N40SISO_Ant1_2437



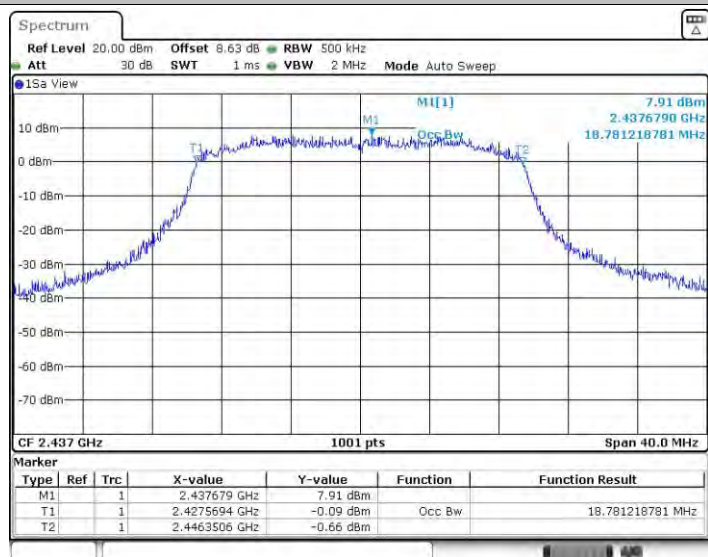
11N40SISO_Ant1_2452



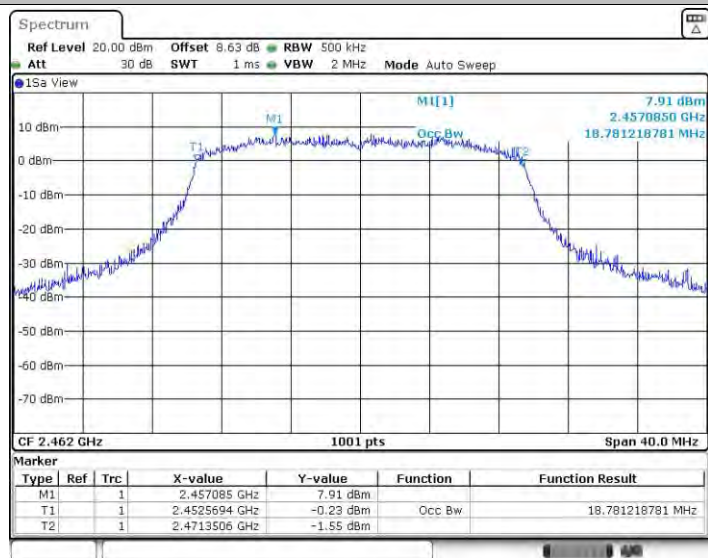
11AX20SISO_Ant1_2412



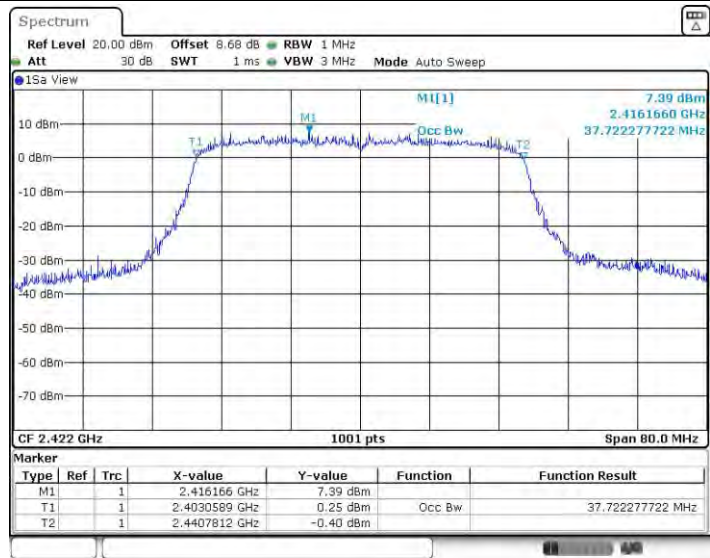
11AX20SISO_Ant1_2437



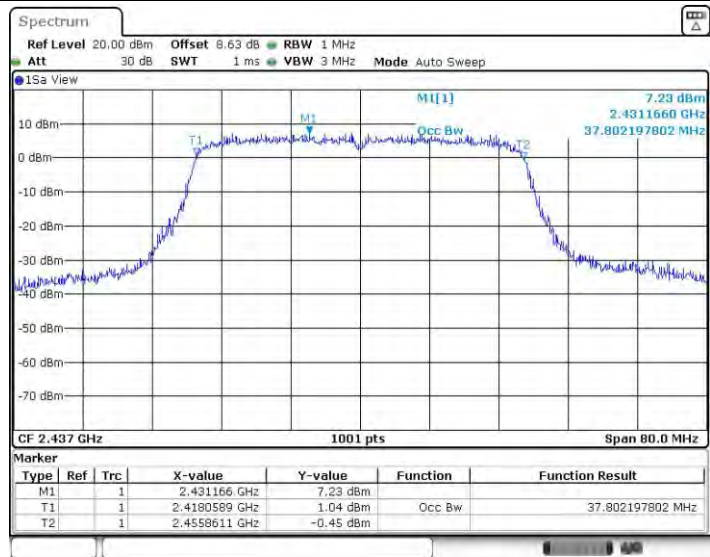
11AX20SISO_Ant1_2462



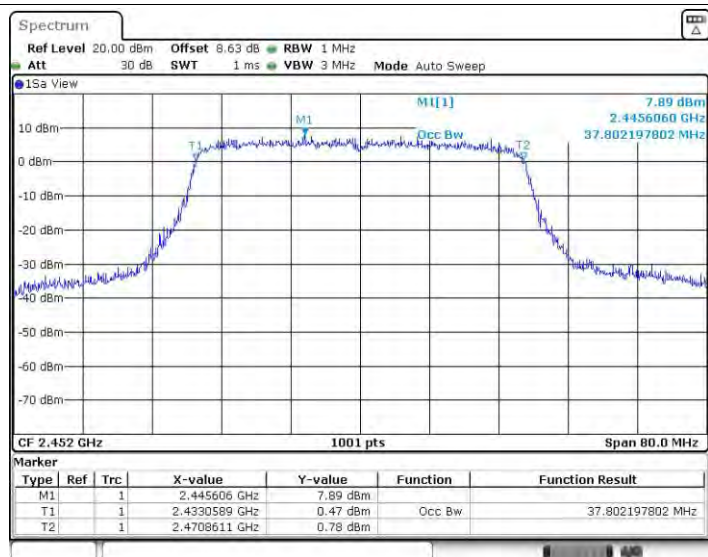
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Peak

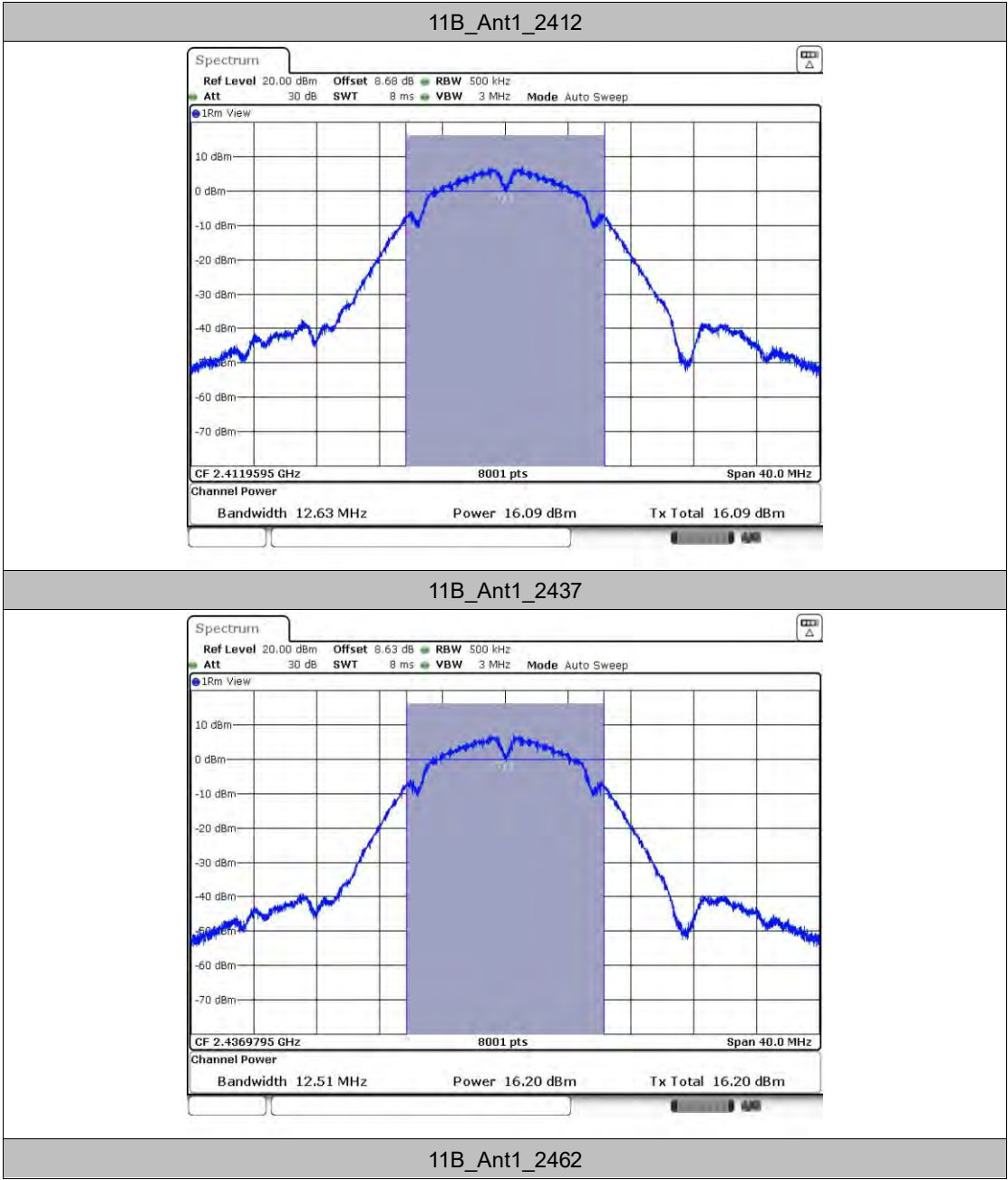
TestMode	Antenna	Channel	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	16.09	≤30.00	17.51	≤36.00	PASS
		2437	---	16.20	≤30.00	17.62	≤36.00	PASS
		2462	---	16.04	≤30.00	17.46	≤36.00	PASS
11G	Ant1	2412	---	12.30	≤30.00	13.72	≤36.00	PASS
		2437	---	13.82	≤30.00	15.24	≤36.00	PASS
		2462	---	13.69	≤30.00	15.11	≤36.00	PASS
11N20SI SO	Ant1	2412	---	13.50	≤30.00	14.92	≤36.00	PASS
		2437	---	13.71	≤30.00	15.13	≤36.00	PASS
		2462	---	13.54	≤30.00	14.96	≤36.00	PASS
11N40SI SO	Ant1	2422	---	11.56	≤30.00	12.98	≤36.00	PASS
		2437	---	12.00	≤30.00	13.42	≤36.00	PASS
		2452	---	12.07	≤30.00	13.49	≤36.00	PASS
11AX20S ISO	Ant1	2412	---	11.97	≤30.00	13.39	≤36.00	PASS
		2437	---	12.13	≤30.00	13.55	≤36.00	PASS
		2462	---	12.00	≤30.00	13.42	≤36.00	PASS
11AX40S ISO	Ant1	2422	---	11.52	≤30.00	12.94	≤36.00	PASS
		2437	---	11.99	≤30.00	13.41	≤36.00	PASS
		2452	---	14.87	≤30.00	16.29	≤36.00	PASS

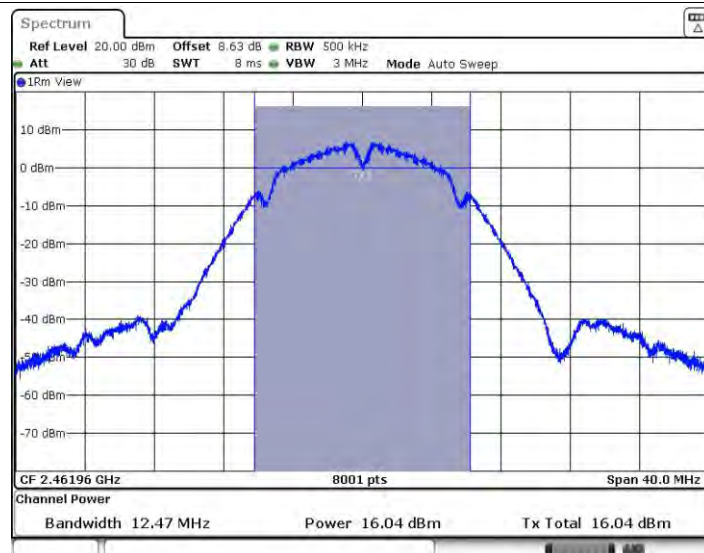
Test Result Average

Test Mode	Antenna	Channel	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	---	15.53	100.00	0.00	15.53	≤30.00	1.42	16.95	≤36.00	PASS
		2437	---	15.79	100.00	0.00	15.79	≤30.00	1.42	17.21	≤36.00	PASS
		2462	---	15.45	100.00	0.00	15.45	≤30.00	1.42	16.87	≤36.00	PASS
11G	Ant1	2412	---	11.63	98.90	0.05	11.68	≤30.00	1.42	13.10	≤36.00	PASS
		2437	---	13.20	98.90	0.05	13.25	≤30.00	1.42	14.67	≤36.00	PASS
		2462	---	12.92	98.90	0.05	12.97	≤30.00	1.42	14.39	≤36.00	PASS
11N20SI SO	Ant1	2412	---	12.84	98.82	0.05	12.89	≤30.00	1.42	14.31	≤36.00	PASS

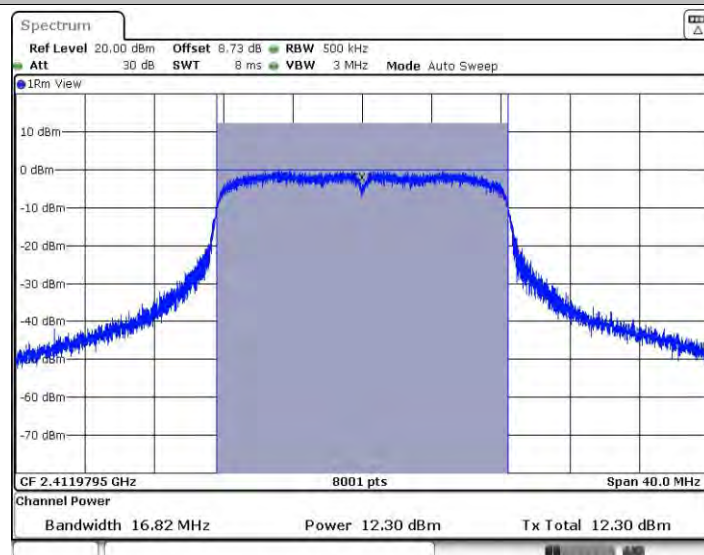
		2437	---	13.09	98.43	0.07	13.16	≤30.0 0	1.42	14.58	≤36.00	PASS
		2462	---	12.78	98.82	0.05	12.83	≤30.0 0	1.42	14.25	≤36.00	PASS
11N40SI SO	Ant1	2422	---	10.57	96.83	0.14	10.71	≤30.0 0	1.42	12.13	≤36.00	PASS
		2437	---	11.05	96.83	0.14	11.19	≤30.0 0	1.42	12.61	≤36.00	PASS
		2452	---	11.03	96.83	0.14	11.17	≤30.0 0	1.42	12.59	≤36.00	PASS
11AX20S ISO	Ant1	2412	---	11.26	97.95	0.09	11.35	≤30.0 0	1.42	12.77	≤36.00	PASS
		2437	---	11.47	98.46	0.07	11.54	≤30.0 0	1.42	12.96	≤36.00	PASS
		2462	---	11.18	98.46	0.07	11.25	≤30.0 0	1.42	12.67	≤36.00	PASS
11AX40S ISO	Ant1	2422	---	10.48	96.04	0.18	10.66	≤30.0 0	1.42	12.08	≤36.00	PASS
		2437	---	10.96	95.05	0.22	11.18	≤30.0 0	1.42	12.60	≤36.00	PASS
		2452	---	10.96	50.00	3.01	13.97	≤30.0 0	1.42	15.39	≤36.00	PASS

Test Graphs Peak

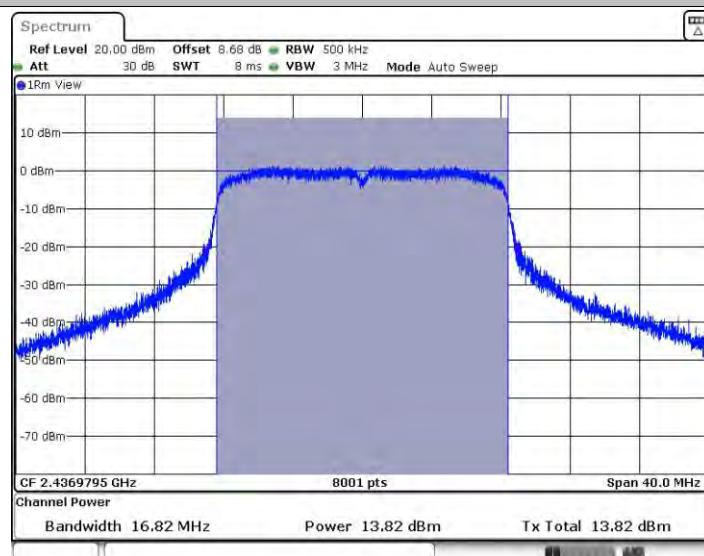




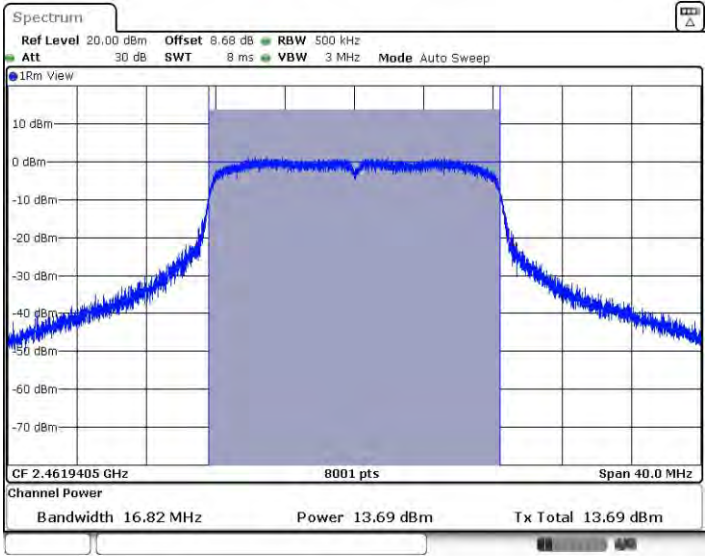
11G_Ant1_2412



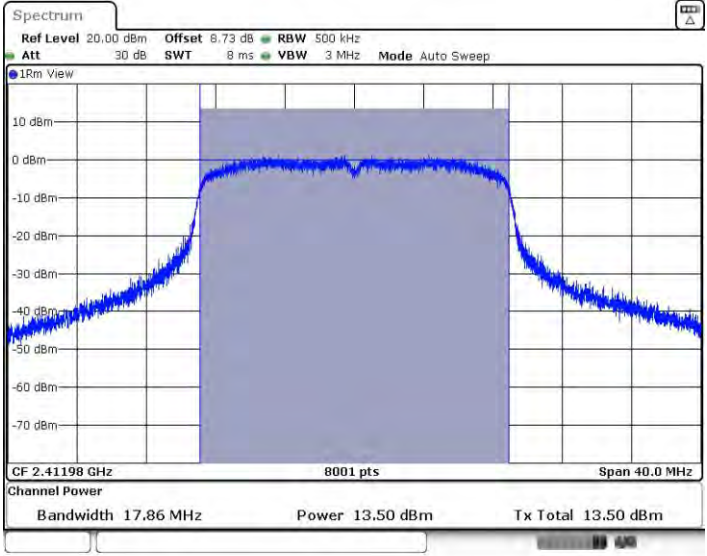
11G_Ant1_2437



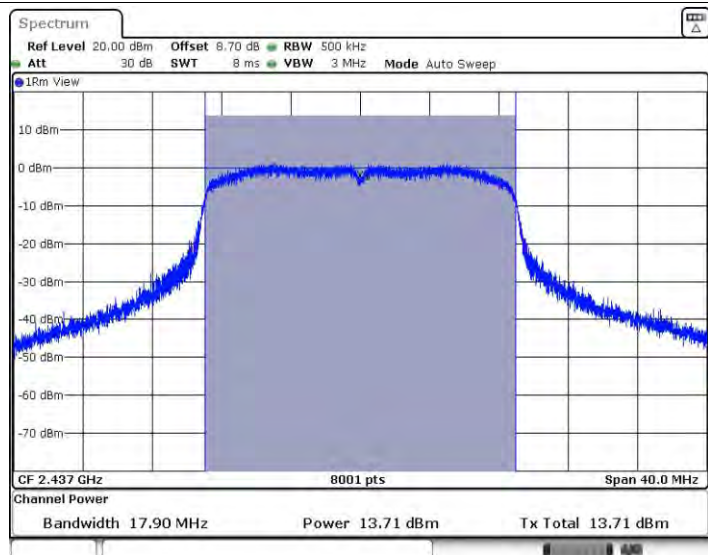
11G_Ant1_2462



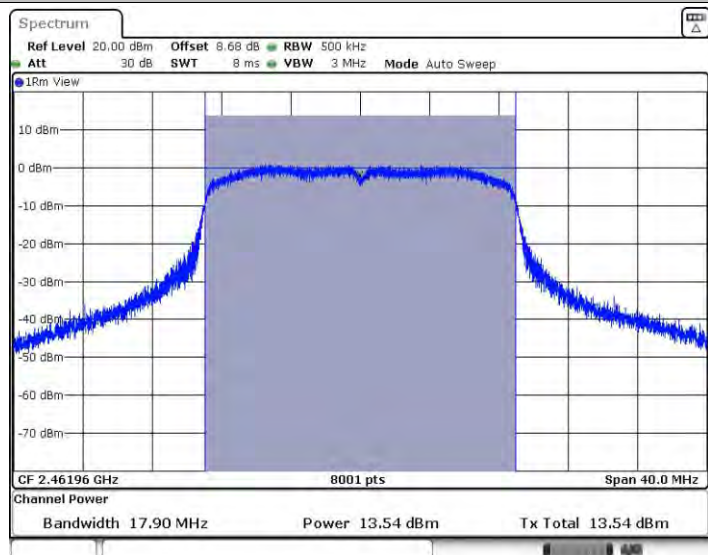
11N20SISO_Ant1_2412



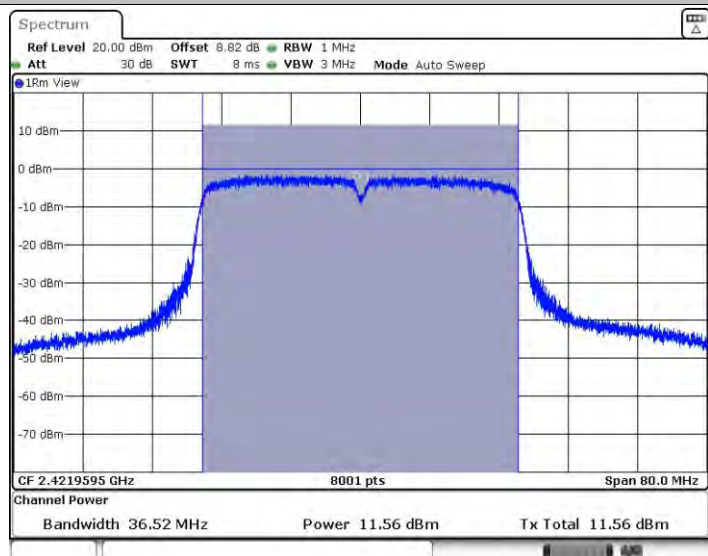
11N20SISO_Ant1_2437



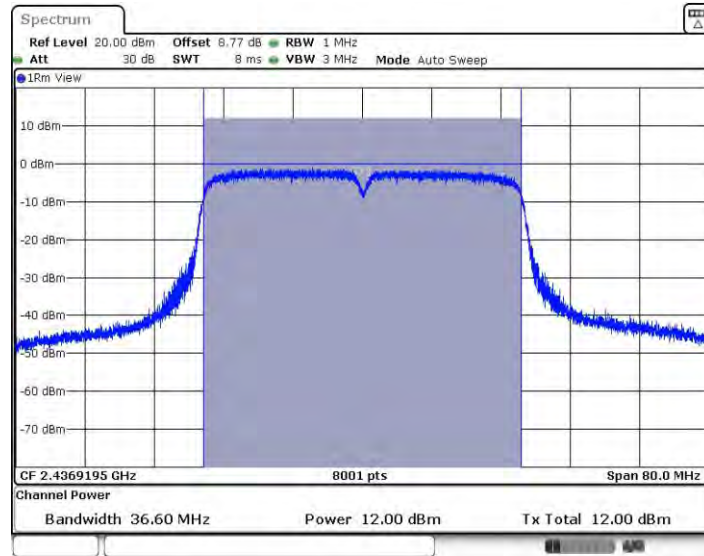
11N20SISO_Ant1_2462



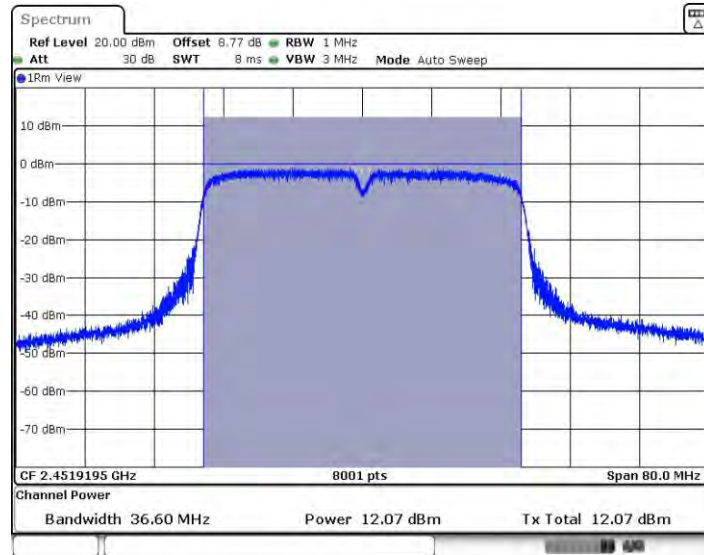
11N40SISO_Ant1_2422



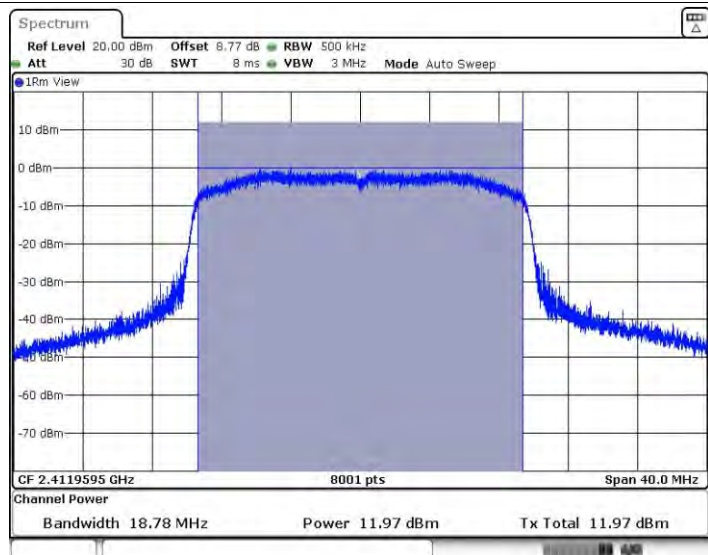
11N40SISO_Ant1_2437



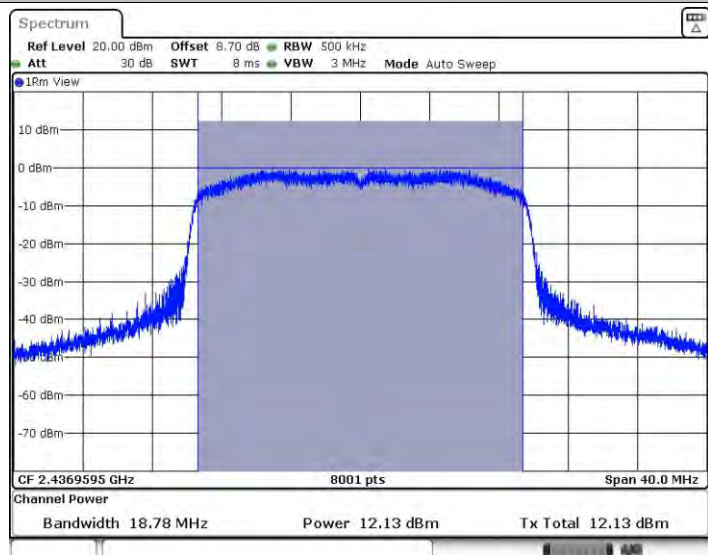
11N40SISO_Ant1_2452



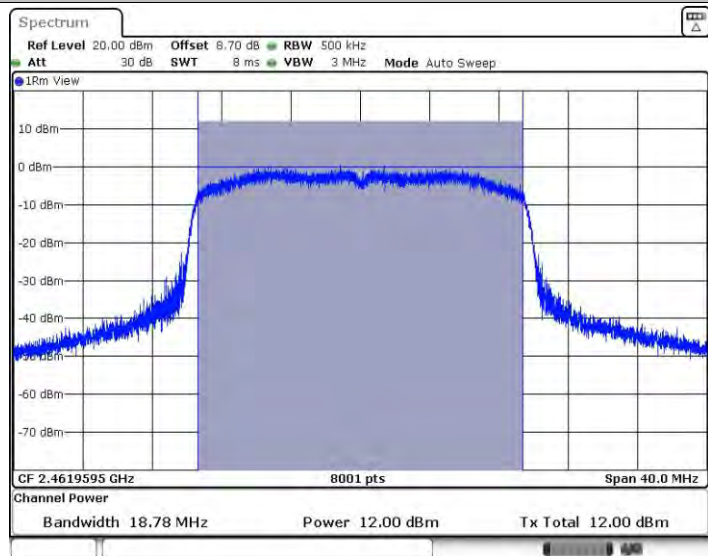
11AX20SISO_Ant1_2412



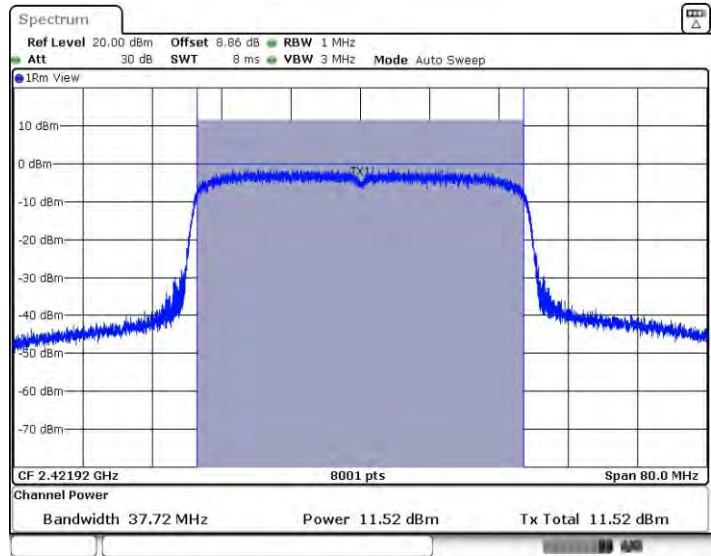
11AX20SISO_Ant1_2437



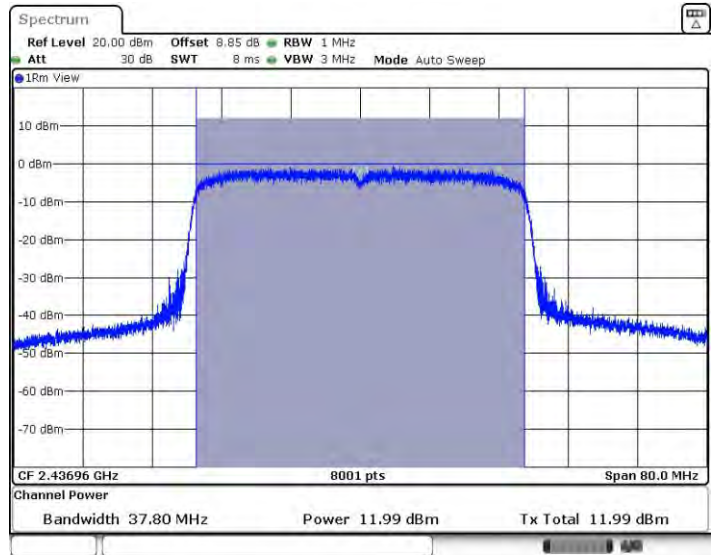
11AX20SISO_Ant1_2462



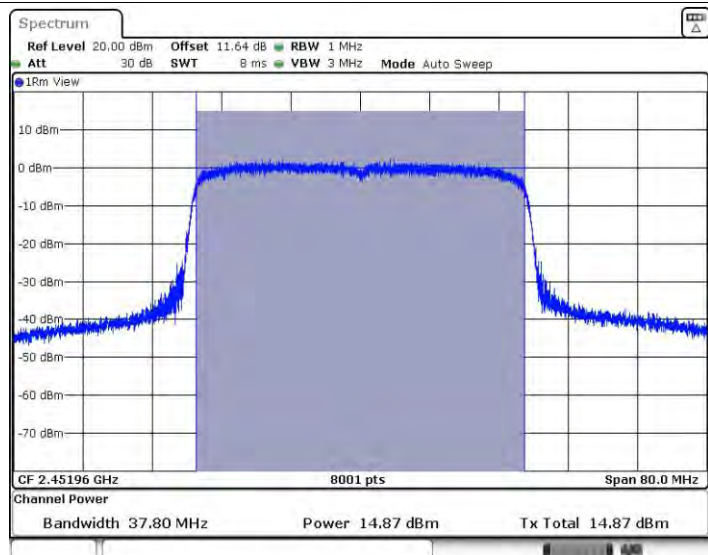
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

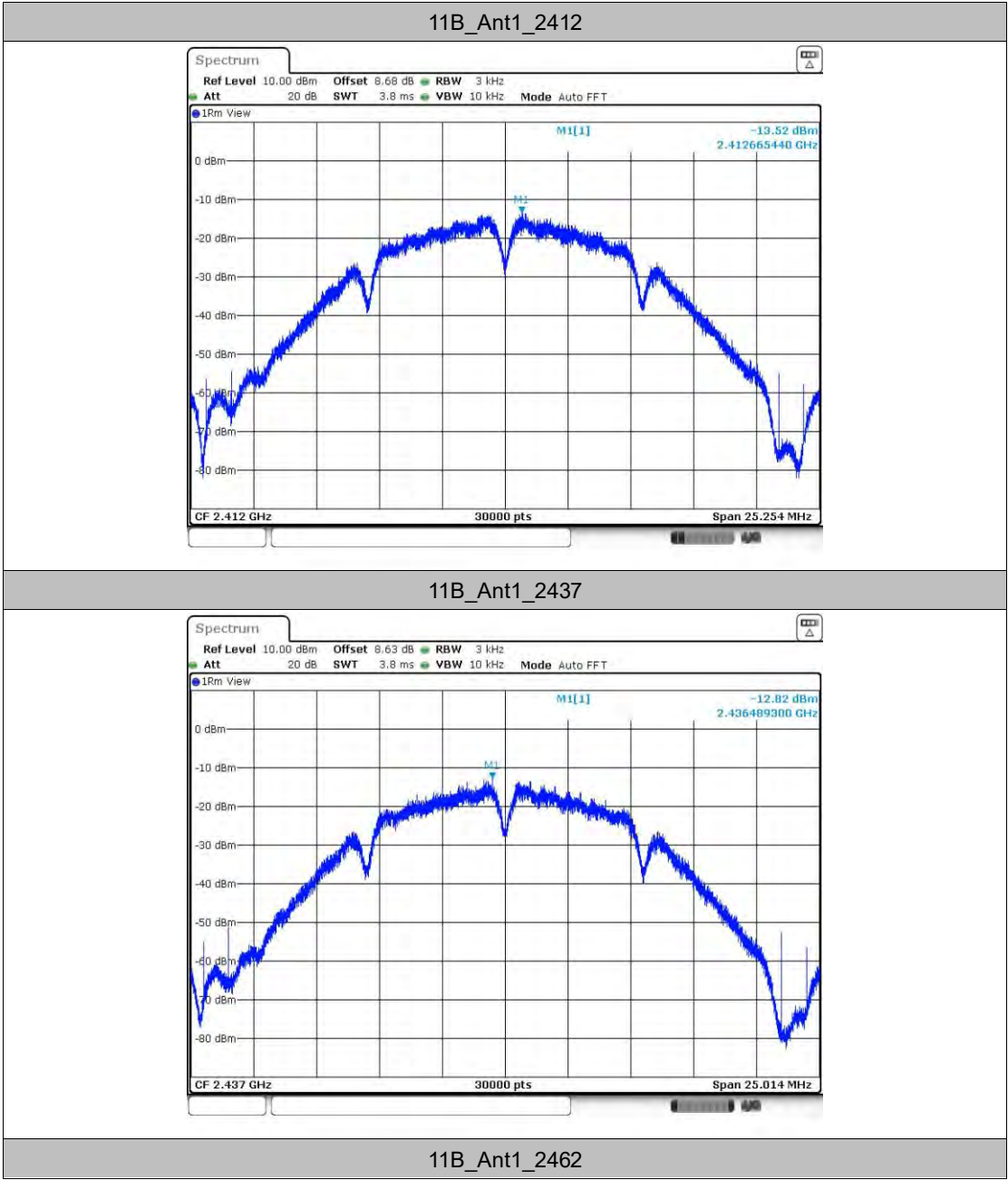


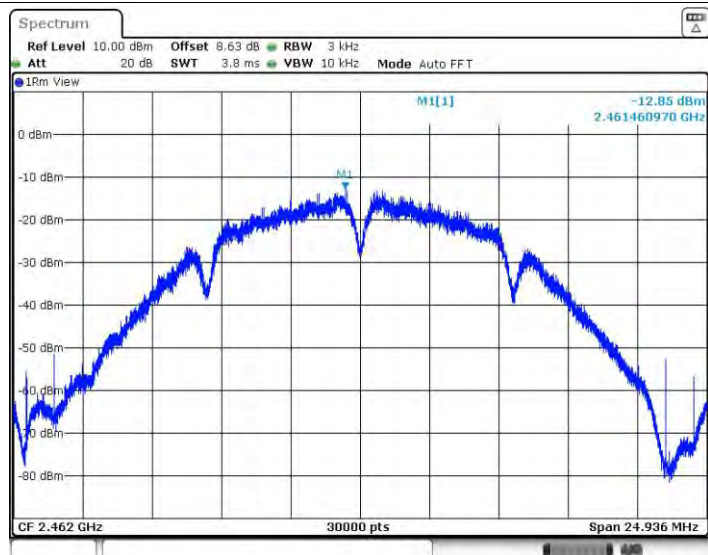
Appendix D: Maximum power spectral density

Test Result

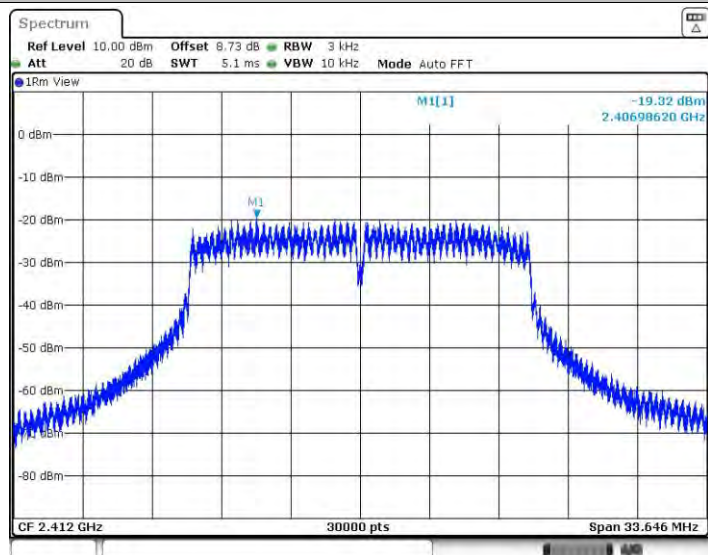
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.52	≤8.00	PASS
		2437	-12.82	≤8.00	PASS
		2462	-12.85	≤8.00	PASS
11G	Ant1	2412	-19.32	≤8.00	PASS
		2437	-17.57	≤8.00	PASS
		2462	-17.78	≤8.00	PASS
11N20SISO	Ant1	2412	-19.34	≤8.00	PASS
		2437	-18.79	≤8.00	PASS
		2462	-18.69	≤8.00	PASS
11N40SISO	Ant1	2422	-23.69	≤8.00	PASS
		2437	-22.91	≤8.00	PASS
		2452	-22.97	≤8.00	PASS
11AX20SISO	Ant1	2412	-21.04	≤8.00	PASS
		2437	-20.92	≤8.00	PASS
		2462	-21.16	≤8.00	PASS
11AX40SISO	Ant1	2422	-23	≤8.00	PASS
		2437	-23.26	≤8.00	PASS
		2452	-19.23	≤8.00	PASS

Test Graphs

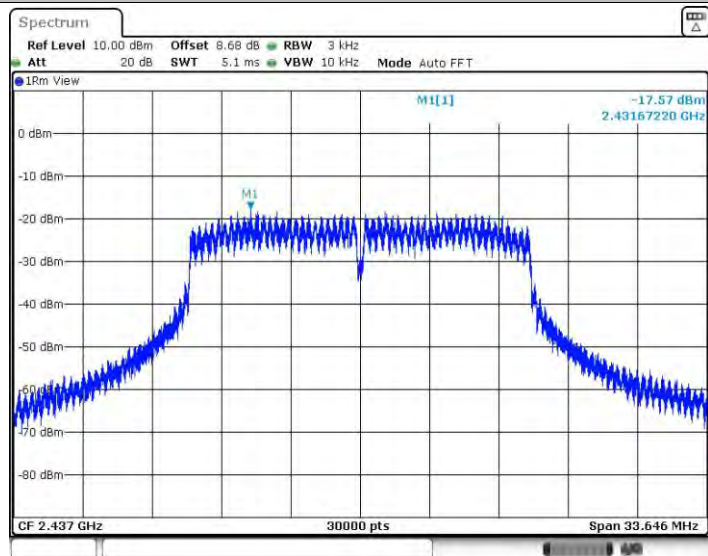




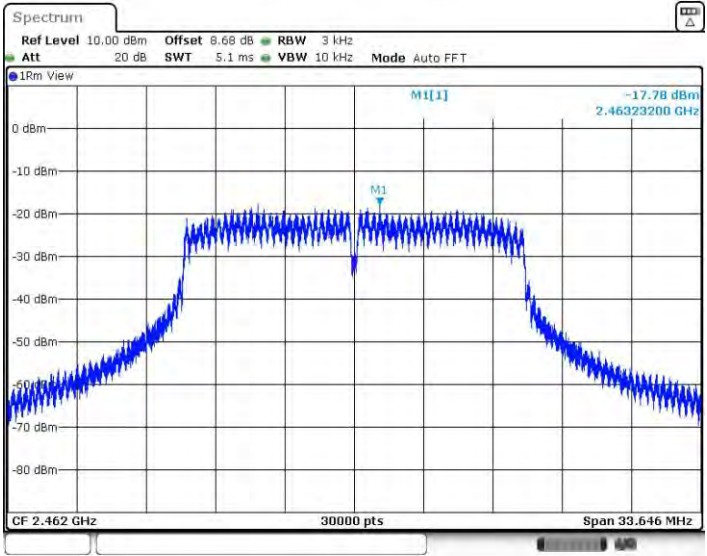
11G_Ant1_2412



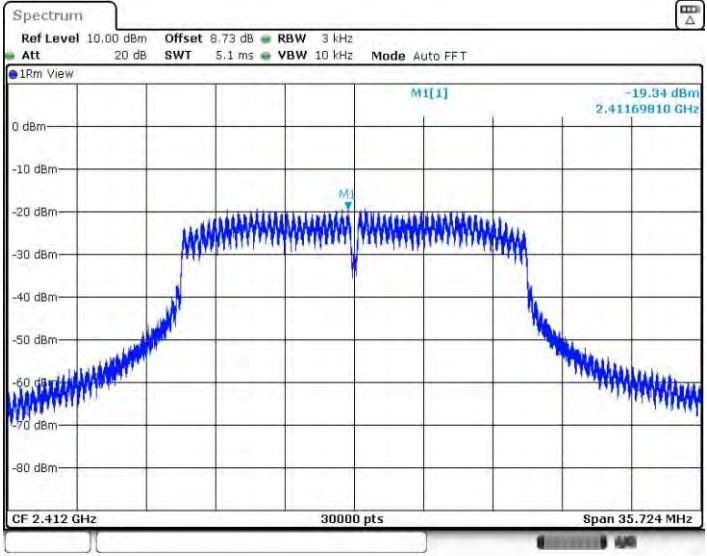
11G_Ant1_2437



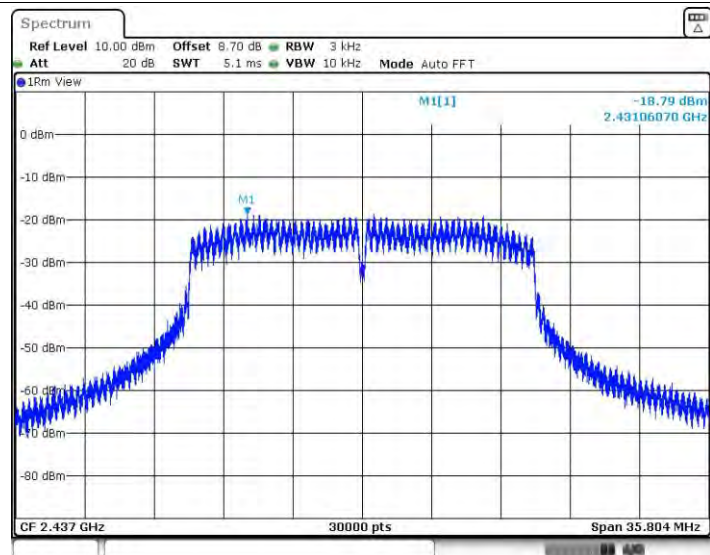
11G_Ant1_2462



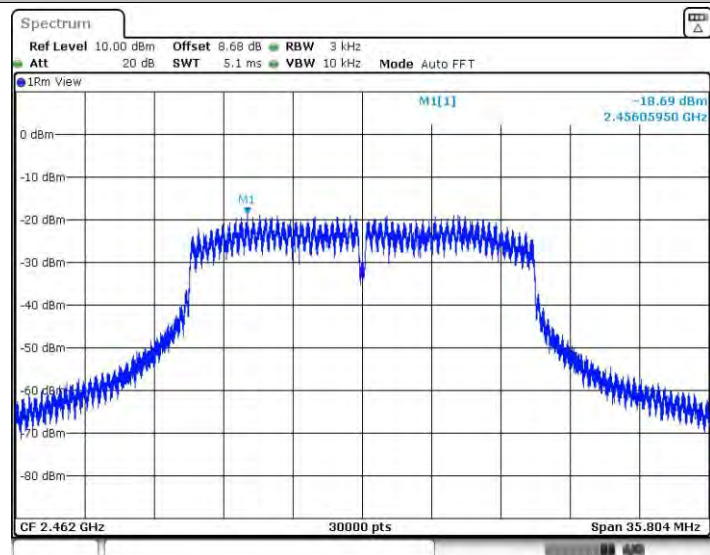
11N20SISO_Ant1_2412



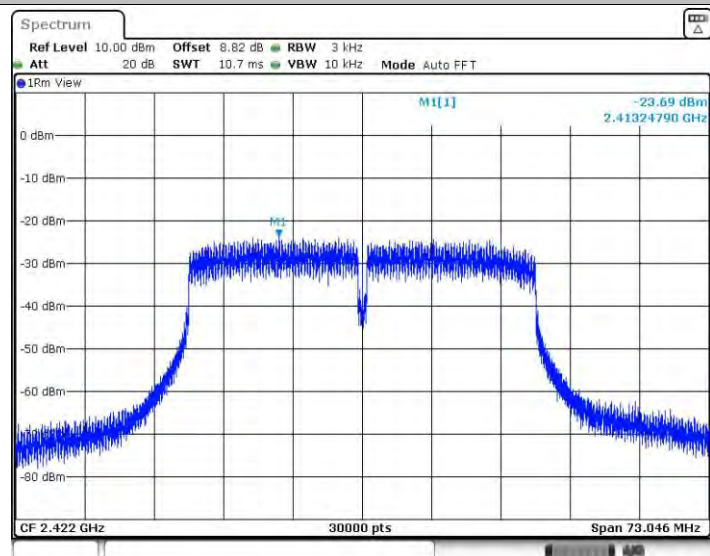
11N20SISO_Ant1_2437



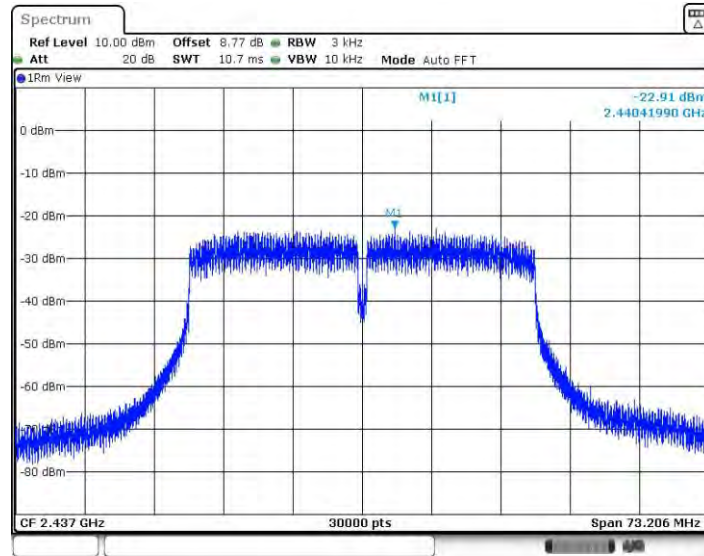
11N20SISO_Ant1_2462



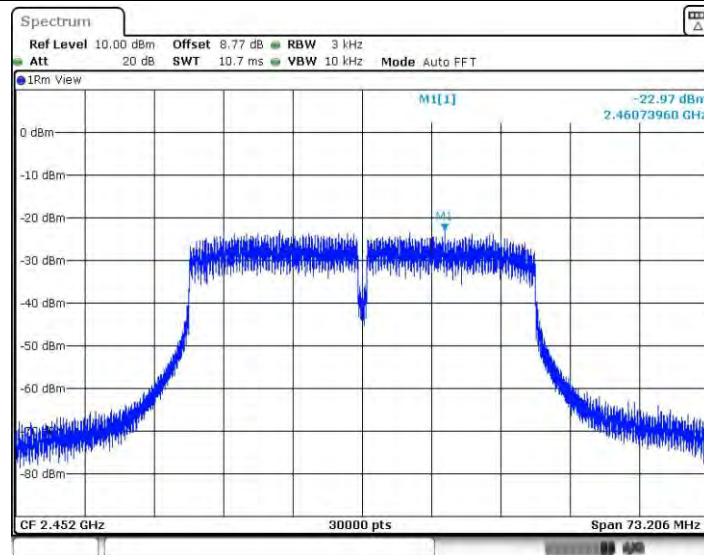
11N40SISO_Ant1_2422



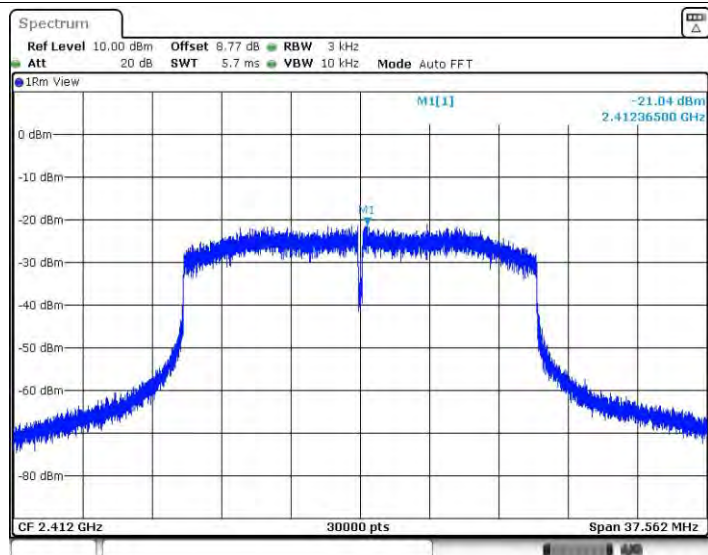
11N40SISO_Ant1_2437



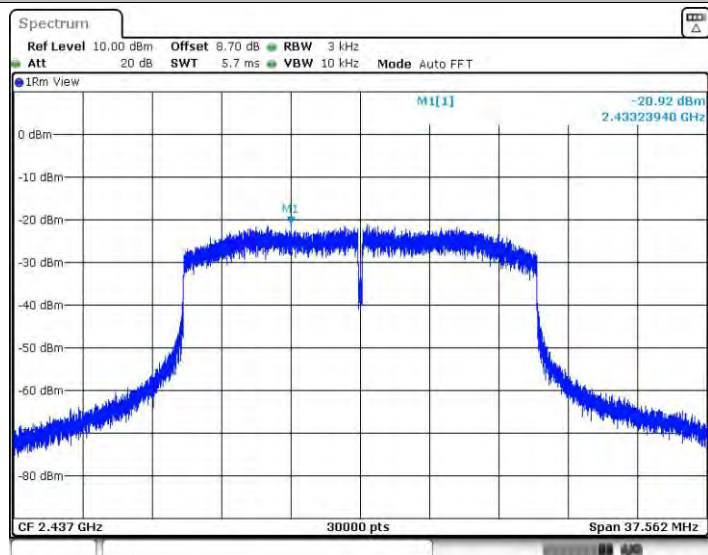
11N40SISO_Ant1_2452



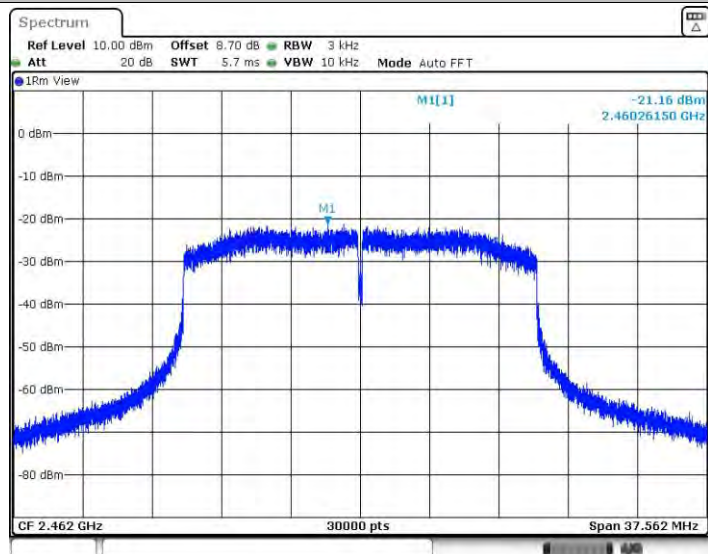
11AX20SISO_Ant1_2412



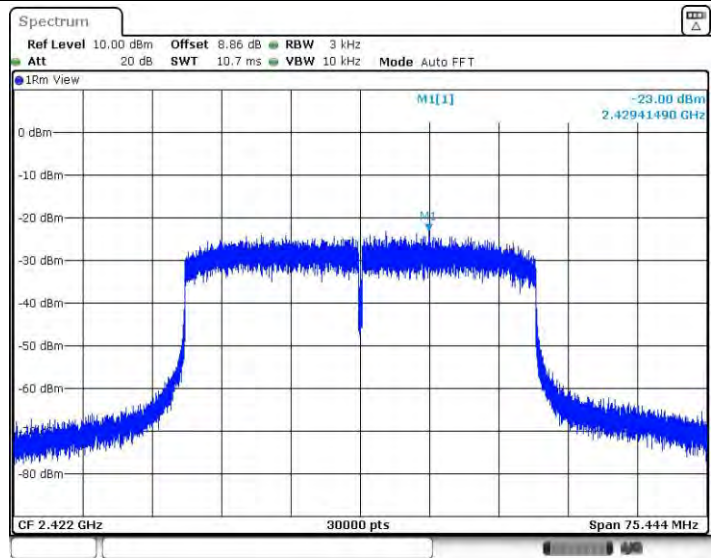
11AX20SISO_Ant1_2437



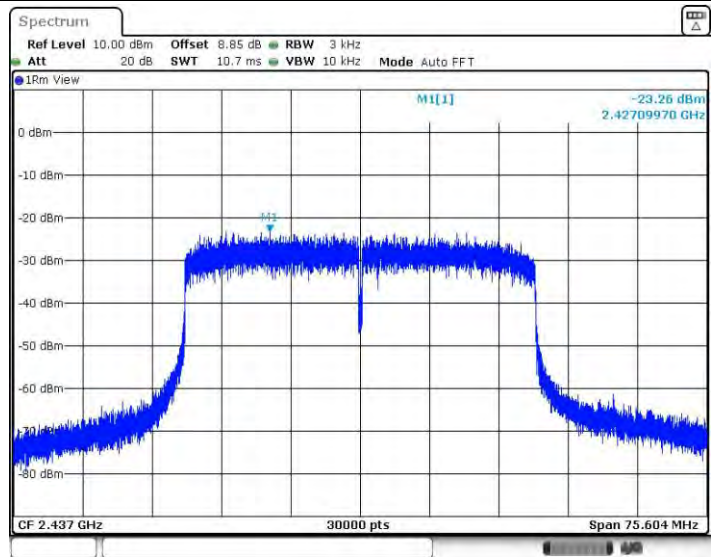
11AX20SISO_Ant1_2462



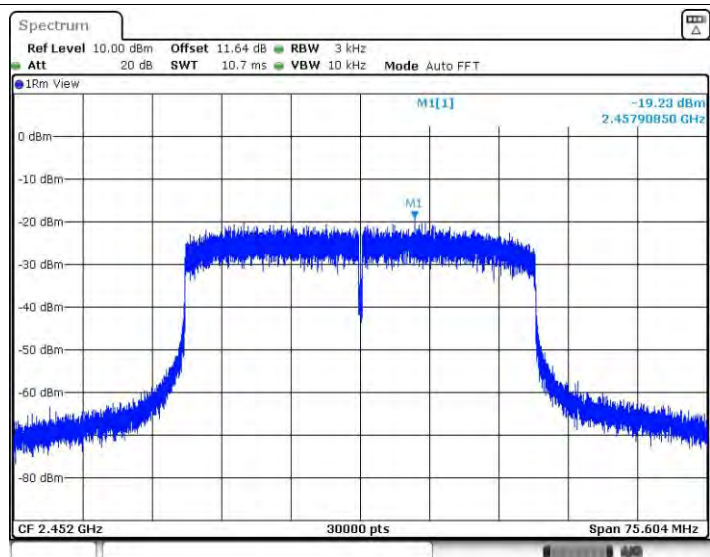
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

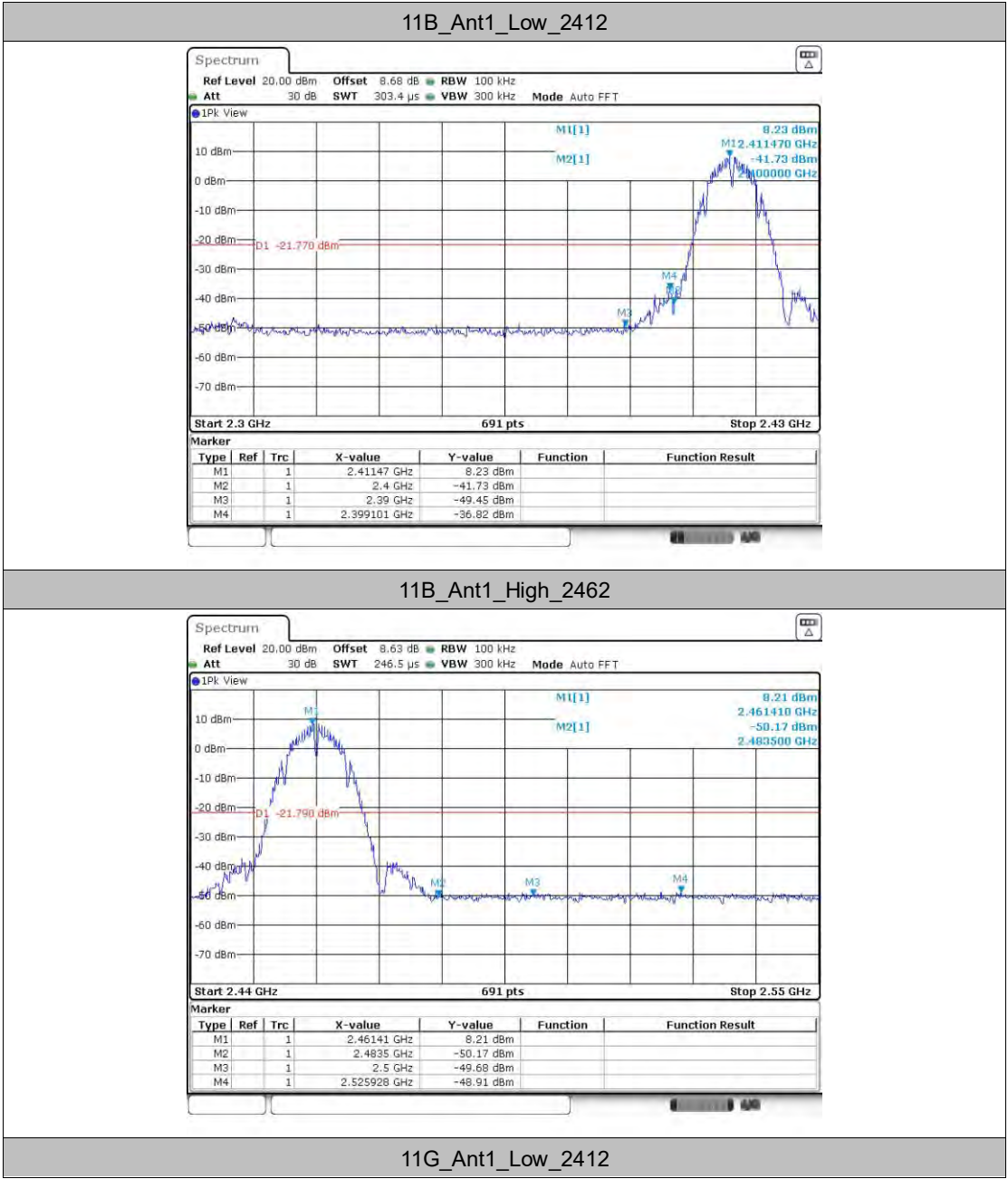


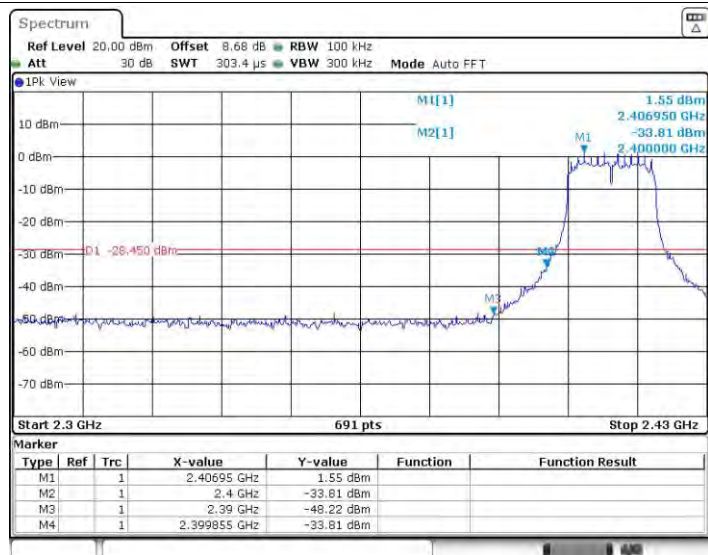
Appendix E: Band edge measurements

Test Result

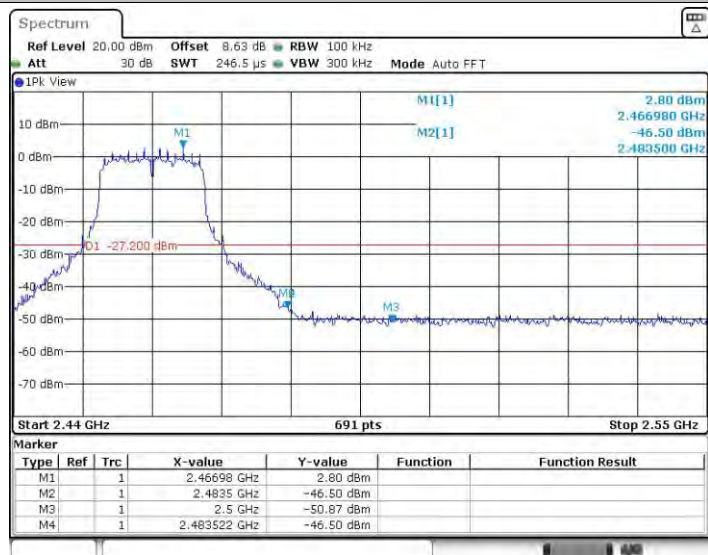
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.23	-36.82	≤ -21.77	PASS
		High	2462	8.21	-48.91	≤ -21.79	PASS
11G	Ant1	Low	2412	1.55	-33.81	≤ -28.45	PASS
		High	2462	2.80	-46.5	≤ -27.2	PASS
11N20SISO	Ant1	Low	2412	1.35	-32.63	≤ -28.65	PASS
		High	2462	2.83	-45.45	≤ -27.17	PASS
11N40SISO	Ant1	Low	2422	-2.57	-37.33	≤ -32.57	PASS
		High	2452	-2.06	-40.95	≤ -32.06	PASS
11AX20SISO	Ant1	Low	2412	1.37	-35.18	≤ -28.63	PASS
		High	2462	1.35	-46.75	≤ -28.65	PASS
11AX40SISO	Ant1	Low	2422	-2.38	-36.55	≤ -32.38	PASS
		High	2452	-2.06	-41.16	≤ -32.06	PASS

Test Graphs

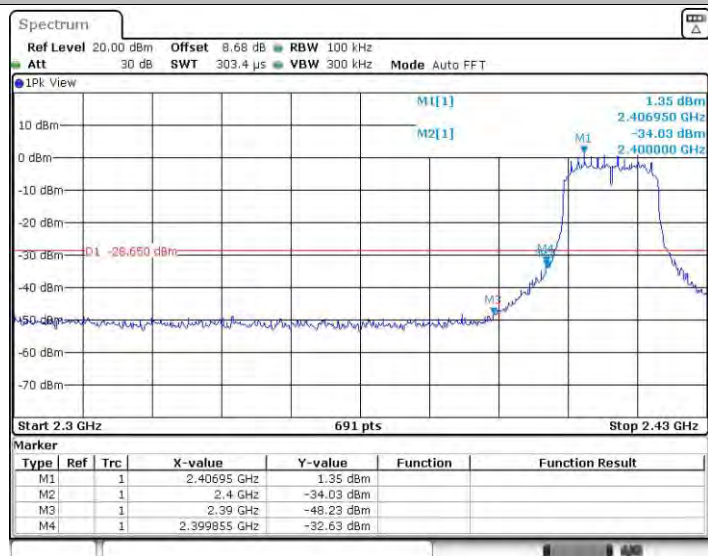




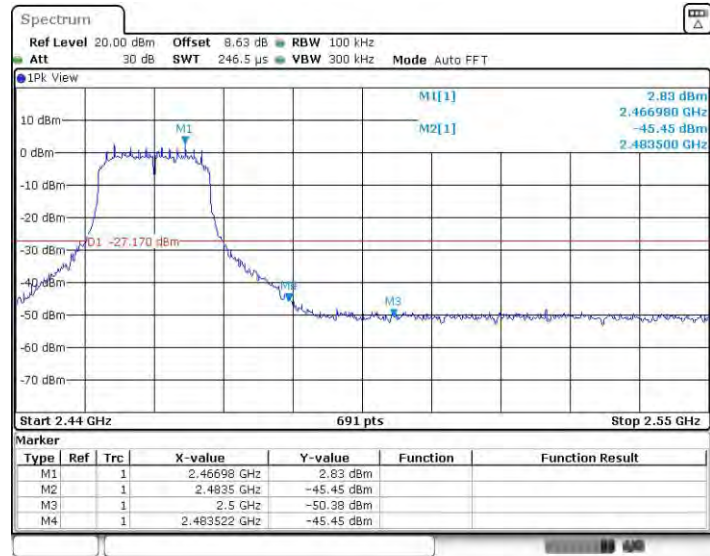
11G_Ant1_High_2462



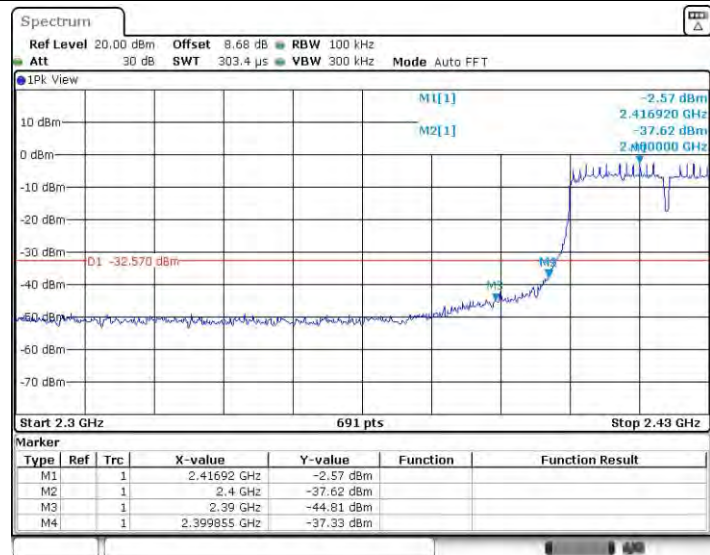
11N20SISO_Ant1_Low_2412



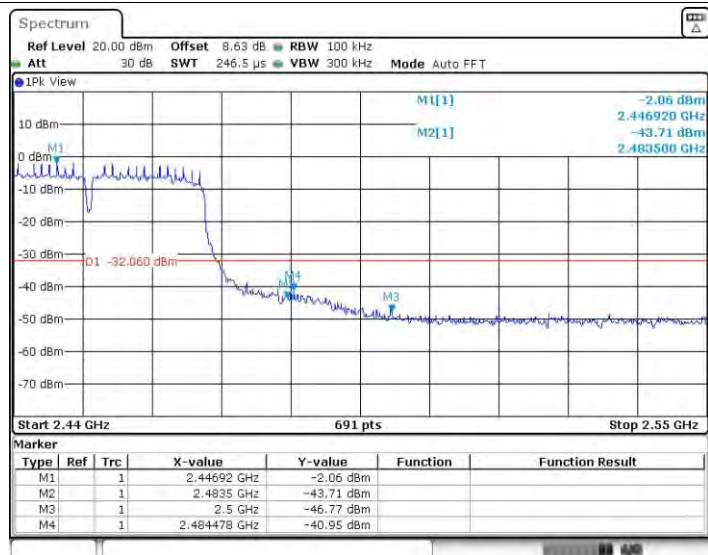
11N20SISO_Ant1_High_2462



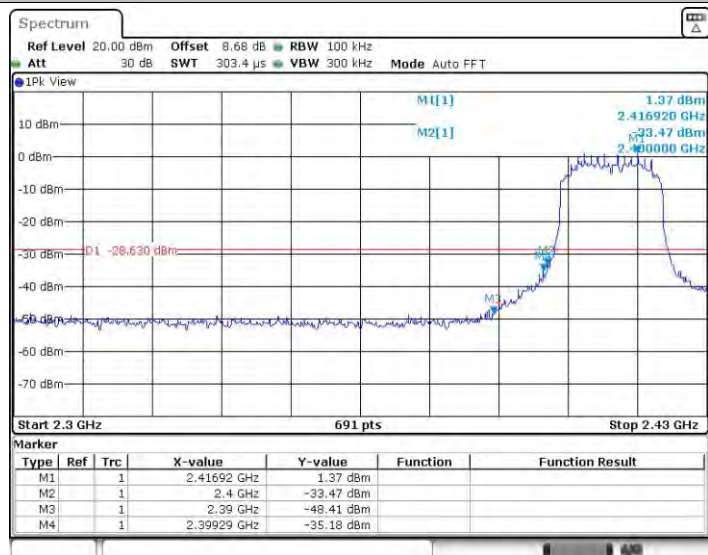
11N40SISO_Ant1_Low_2422



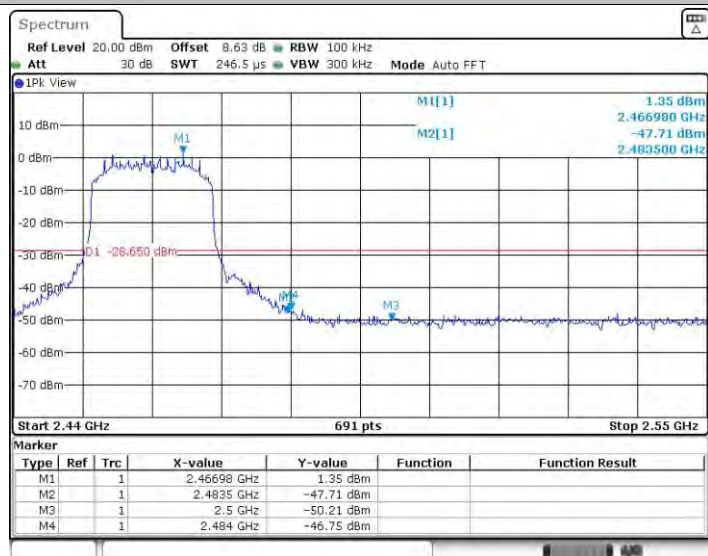
11N40SISO_Ant1_High_2452



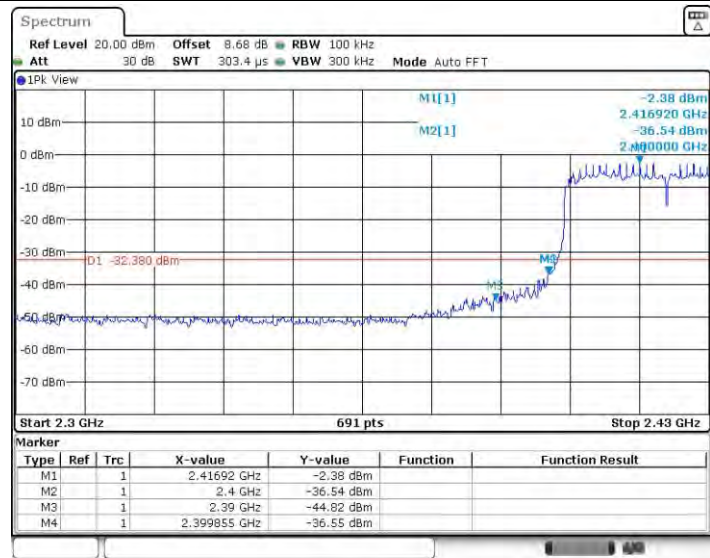
11AX20ISO_Ant1_Low_2412



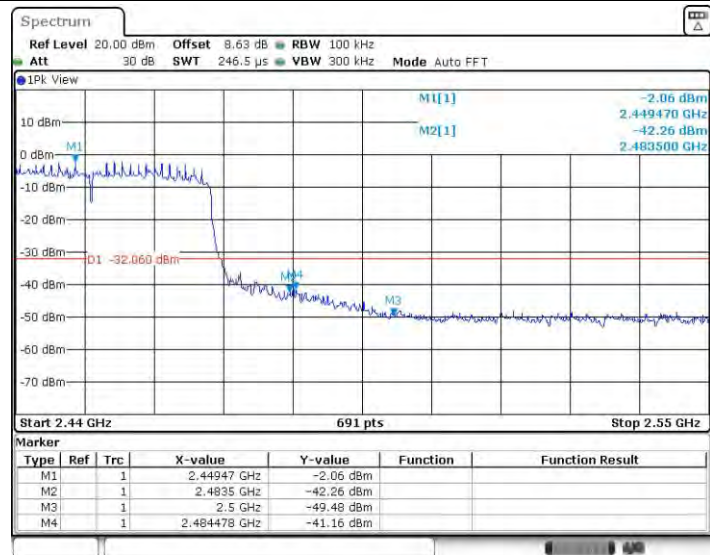
11AX20ISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452



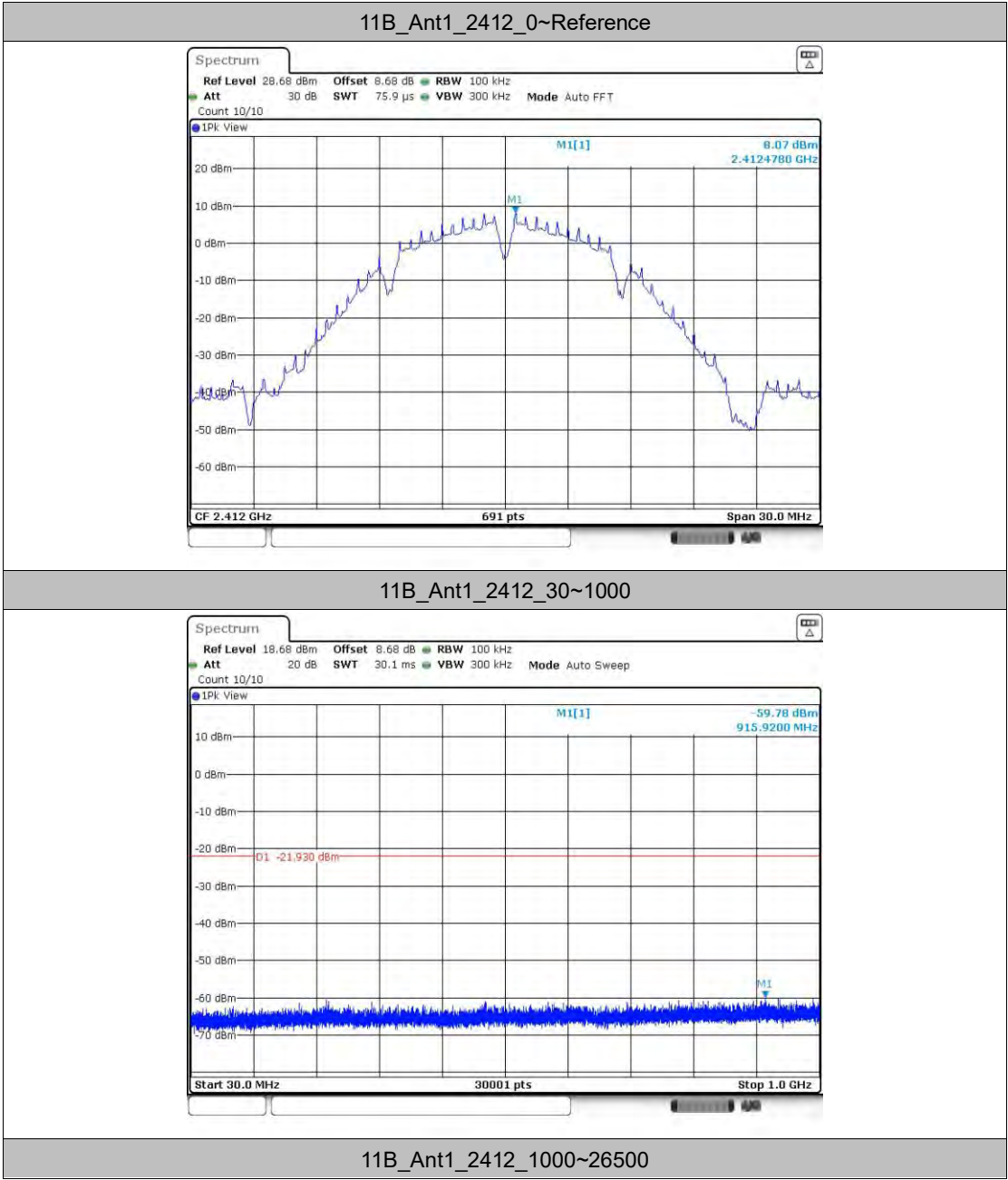
Appendix F: Conducted Spurious Emission

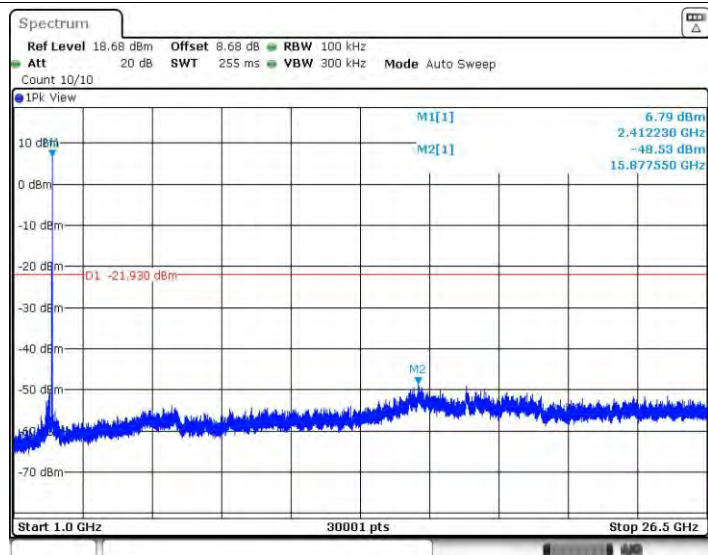
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.07	8.07	---	PASS
			30~1000	8.07	-59.78	≤-21.93	PASS
			1000~26500	8.07	-48.53	≤-21.93	PASS
		2437	Reference	8.39	8.39	---	PASS
			30~1000	8.39	-60.53	≤-21.61	PASS
			1000~26500	8.39	-49.1	≤-21.61	PASS
		2462	Reference	8.43	8.43	---	PASS
			30~1000	8.43	-60.47	≤-21.57	PASS
			1000~26500	8.43	-49.31	≤-21.57	PASS
11G	Ant1	2412	Reference	1.46	1.46	---	PASS
			30~1000	1.46	-60.45	≤-28.54	PASS
			1000~26500	1.46	-49.19	≤-28.54	PASS
		2437	Reference	2.99	2.99	---	PASS
			30~1000	2.99	-59.55	≤-27.01	PASS
			1000~26500	2.99	-49.04	≤-27.01	PASS
		2462	Reference	3.14	3.14	---	PASS
			30~1000	3.14	-59.82	≤-26.86	PASS
			1000~26500	3.14	-48.51	≤-26.86	PASS
11N20SISO	Ant1	2412	Reference	1.43	1.43	---	PASS
			30~1000	1.43	-60.68	≤-28.57	PASS
			1000~26500	1.43	-48.99	≤-28.57	PASS
		2437	Reference	3.20	3.20	---	PASS
			30~1000	3.20	-59.28	≤-26.8	PASS
			1000~26500	3.20	-48.9	≤-26.8	PASS
		2462	Reference	2.80	2.80	---	PASS
			30~1000	2.80	-60.21	≤-27.2	PASS
			1000~26500	2.80	-49.2	≤-27.2	PASS
11N40SISO	Ant1	2422	Reference	-2.70	-2.70	---	PASS
			30~1000	-2.70	-60.17	≤-32.7	PASS
			1000~26500	-2.70	-48.81	≤-32.7	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	-2.11	-2.11	---	PASS
			30~1000	-2.11	-60.16	≤-32.11	PASS
			1000~26500	-2.11	-48.84	≤-32.11	PASS
11AX20SISO	Ant1	2412	Reference	1.45	1.45	---	PASS

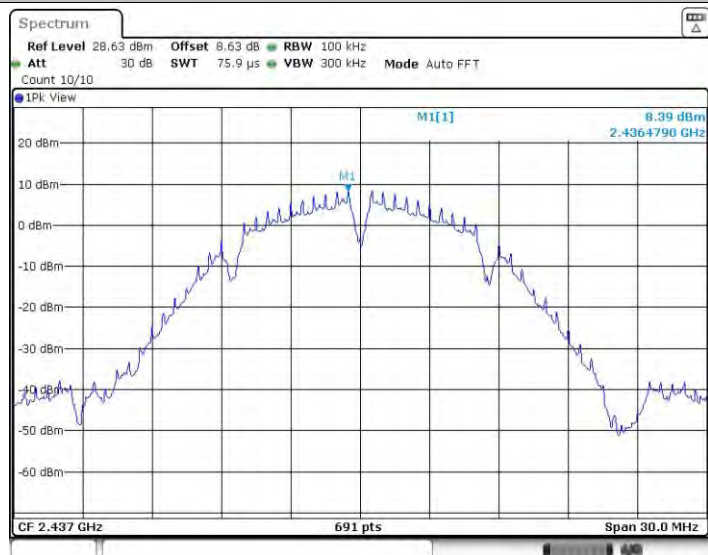
			30~1000	1.45	-60.05	≤-28.55	PASS
			1000~26500	1.45	-48.92	≤-28.55	PASS
		2437	Reference	1.53	1.53	---	PASS
			30~1000	1.53	-60.34	≤-28.47	PASS
			1000~26500	1.53	-48.66	≤-28.47	PASS
		2462	Reference	1.68	1.68	---	PASS
			30~1000	1.68	-60.1	≤-28.32	PASS
			1000~26500	1.68	-49.52	≤-28.32	PASS
		11AX40SISO	Ant1	2422	Reference	-2.68	-2.68
30~1000	-2.68				-60.21	≤-32.68	PASS
1000~26500	-2.68				-48.71	≤-32.68	PASS
2437	Reference			-2.17	-2.17	---	PASS
	30~1000			-2.17	-59.99	≤-32.17	PASS
	1000~26500			-2.17	-48.93	≤-32.17	PASS
2452	Reference			-1.94	-1.94	---	PASS
	30~1000			-1.94	-60.27	≤-31.94	PASS
	1000~26500			-1.94	-48.7	≤-31.94	PASS

Test Graphs

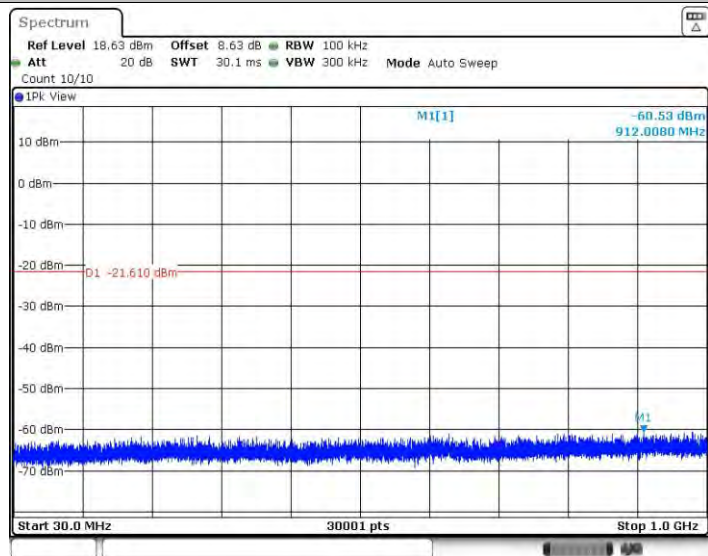




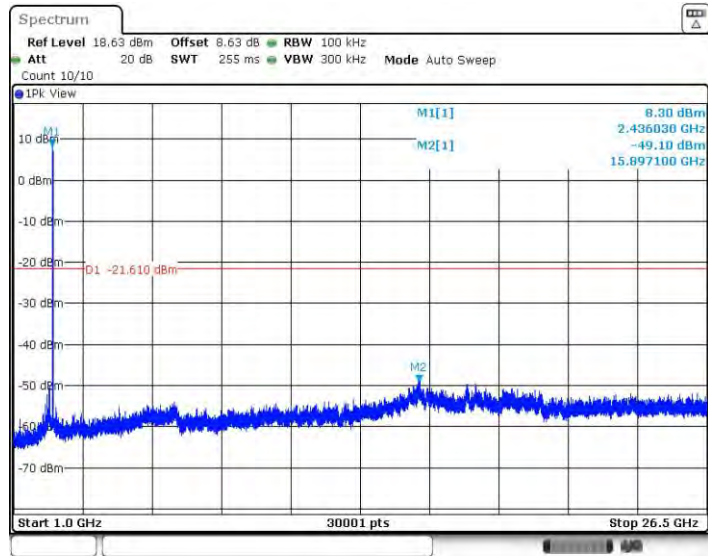
11B_Ant1_2437_0~Reference



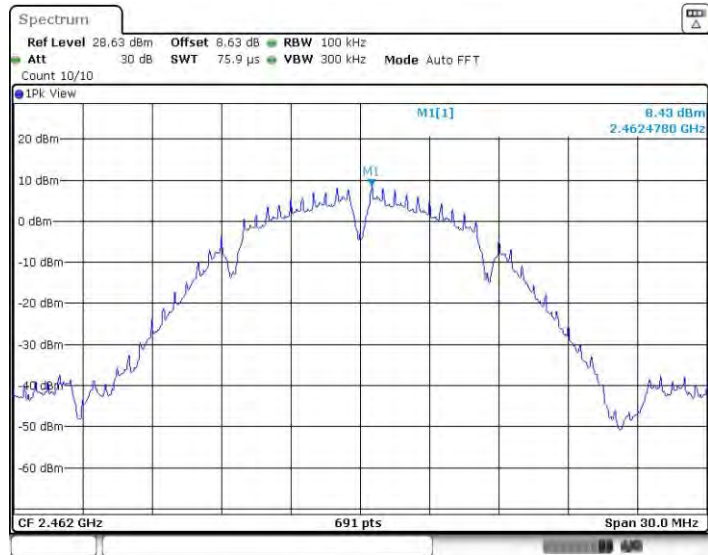
11B_Ant1_2437_30~1000



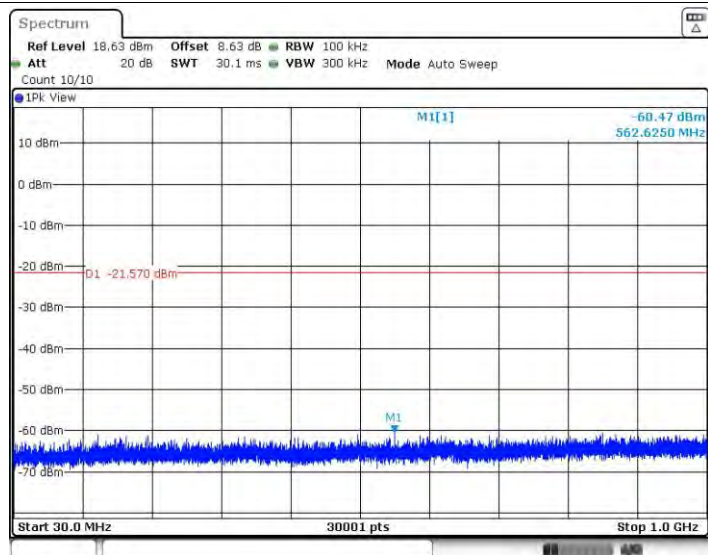
11B_Ant1_2437_1000~26500



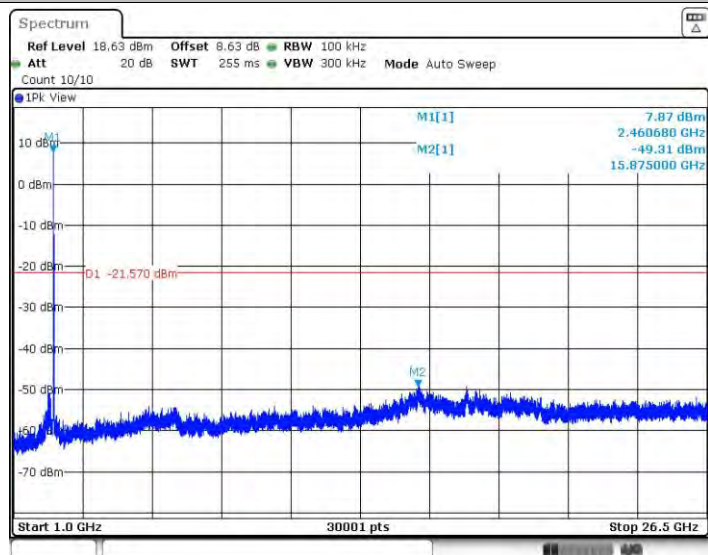
11B_Ant1_2462_0~Reference



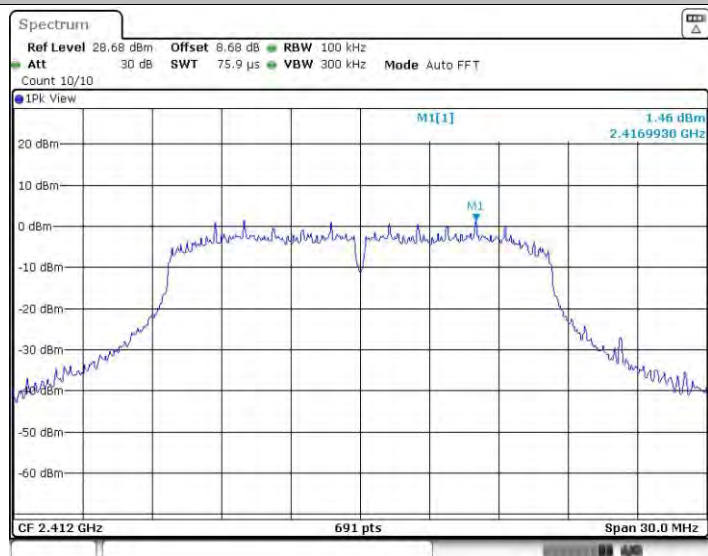
11B_Ant1_2462_30~1000



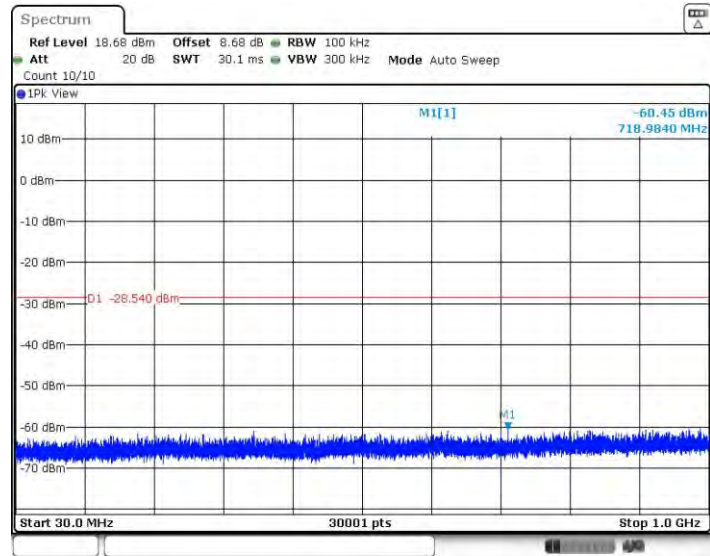
11B_Ant1_2462_1000~26500



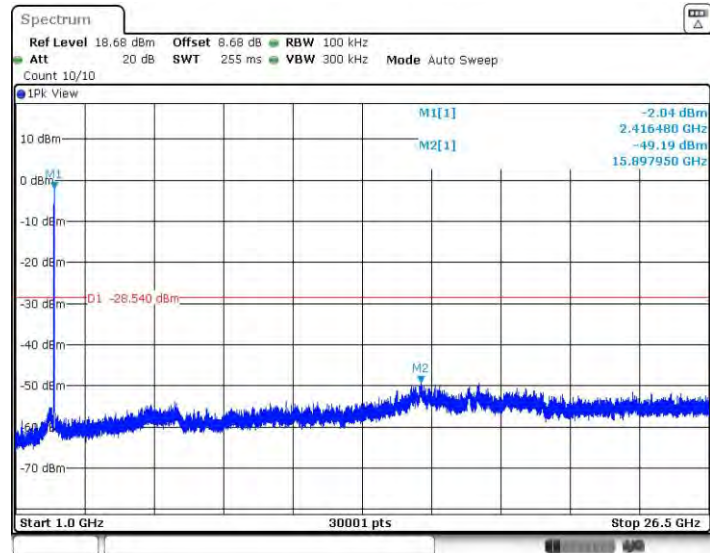
11G_Ant1_2412_0~Reference



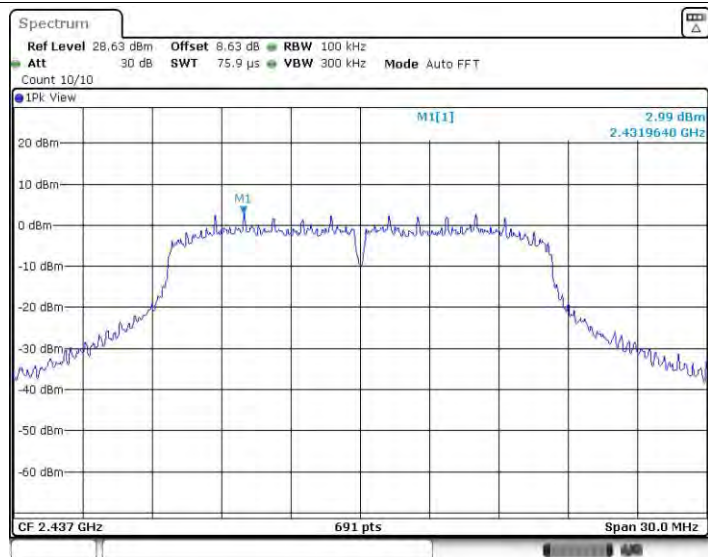
11G_Ant1_2412_30~1000



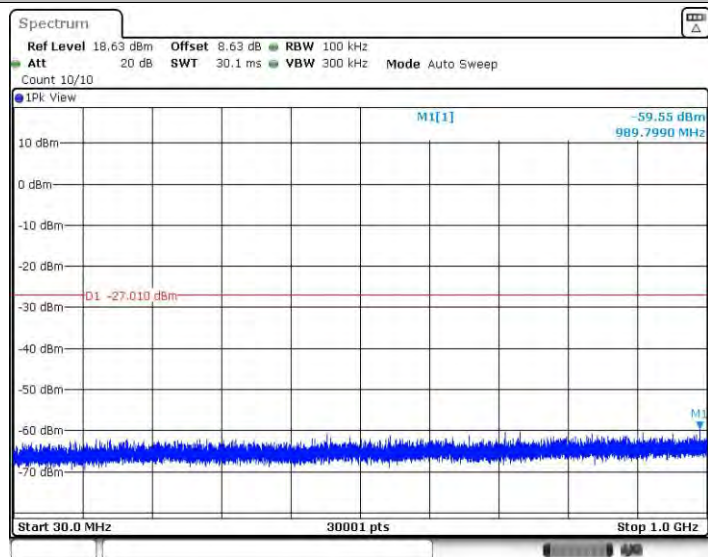
11G_Ant1_2412_1000~26500



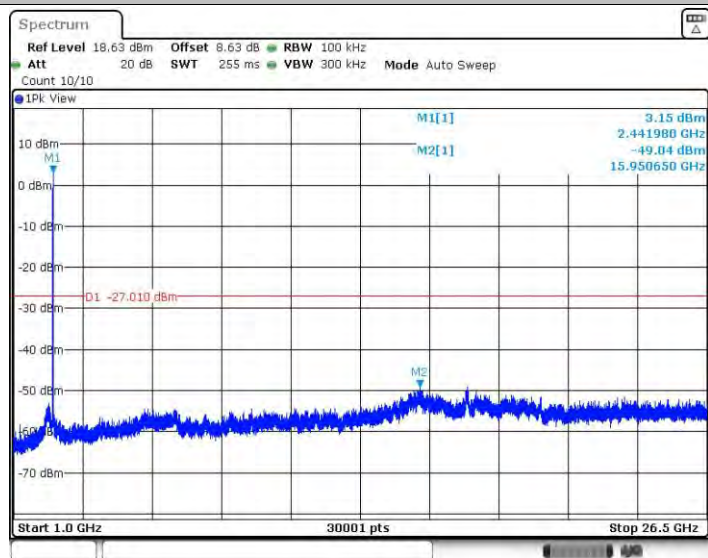
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



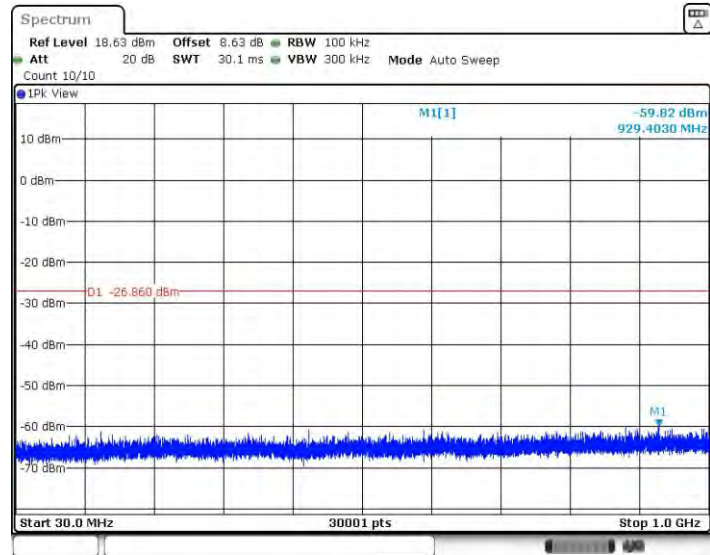
11G_Ant1_2437_1000~26500



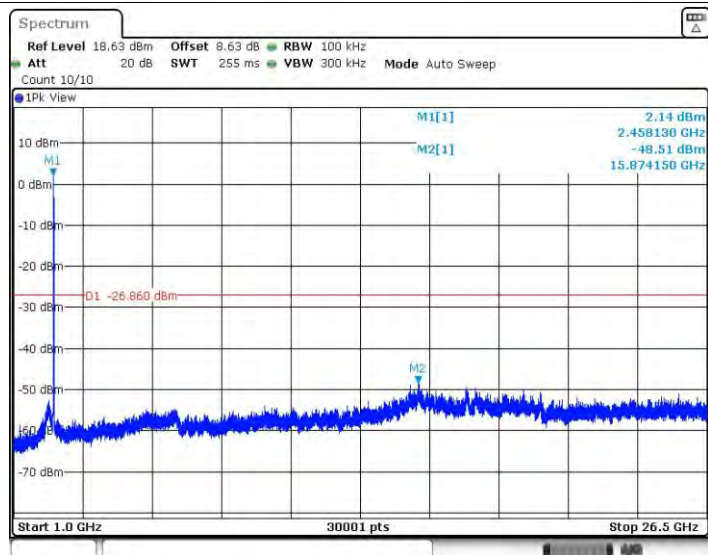
11G_Ant1_2462_0~Reference



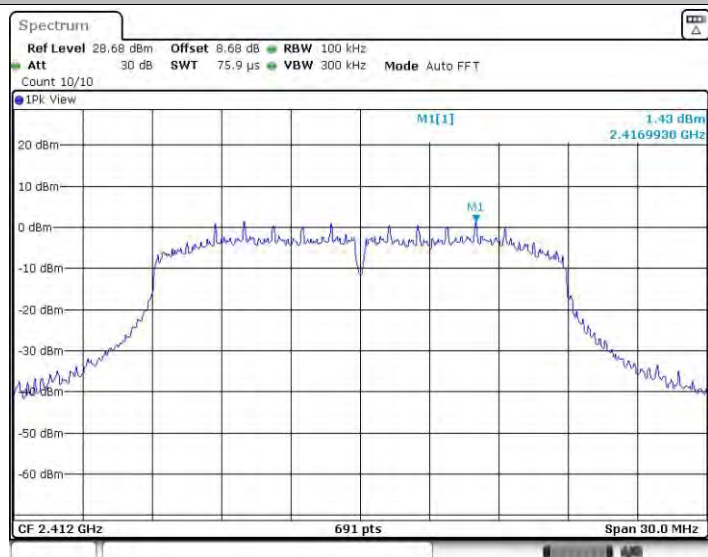
11G_Ant1_2462_30~1000



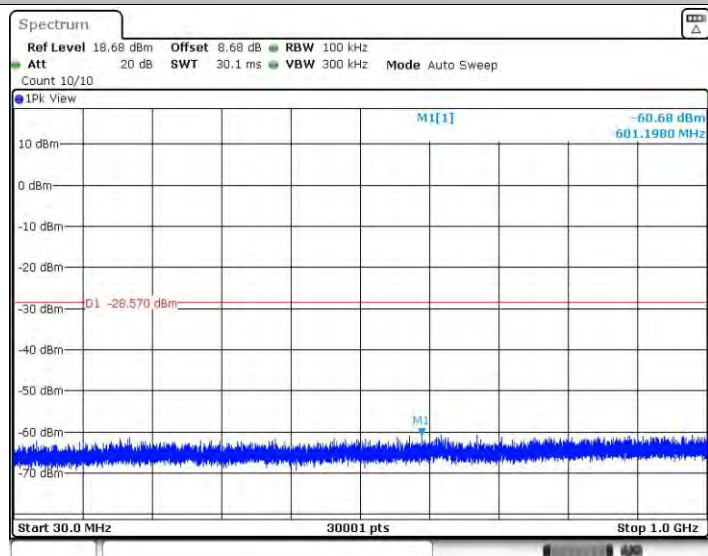
11G_Ant1_2462_1000~26500



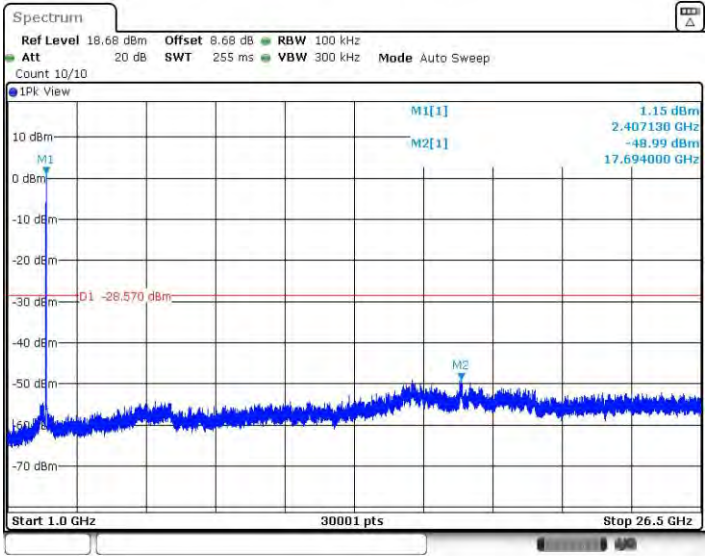
11N20SISO_Ant1_2412_0~Reference



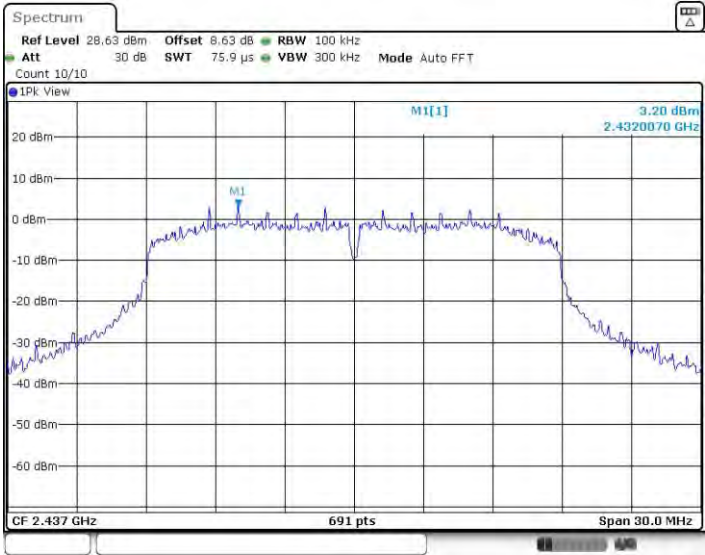
11N20SISO_Ant1_2412_30~1000



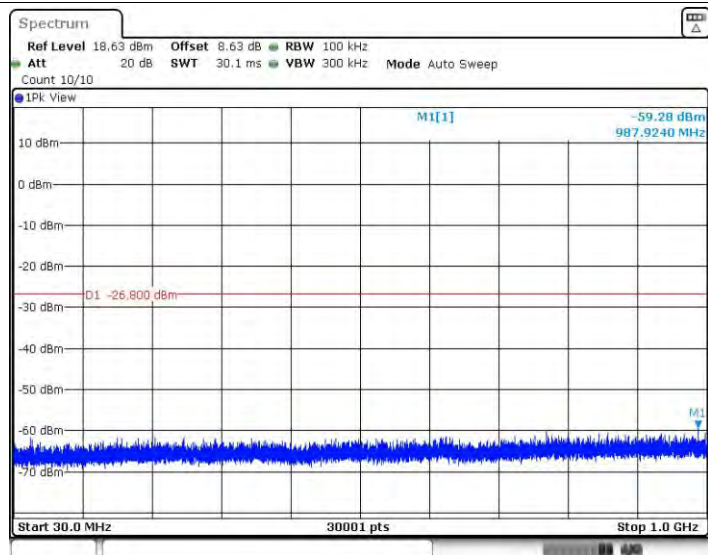
11N20SISO_Ant1_2412_1000~26500



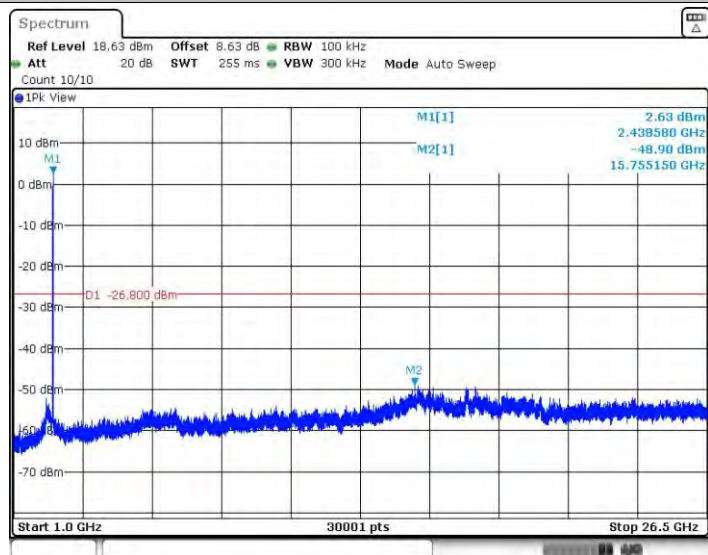
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



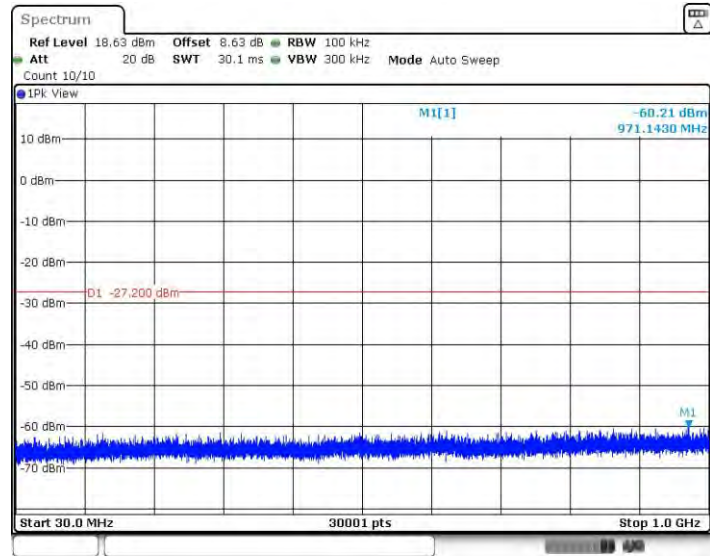
11N20SISO_Ant1_2437_1000~26500



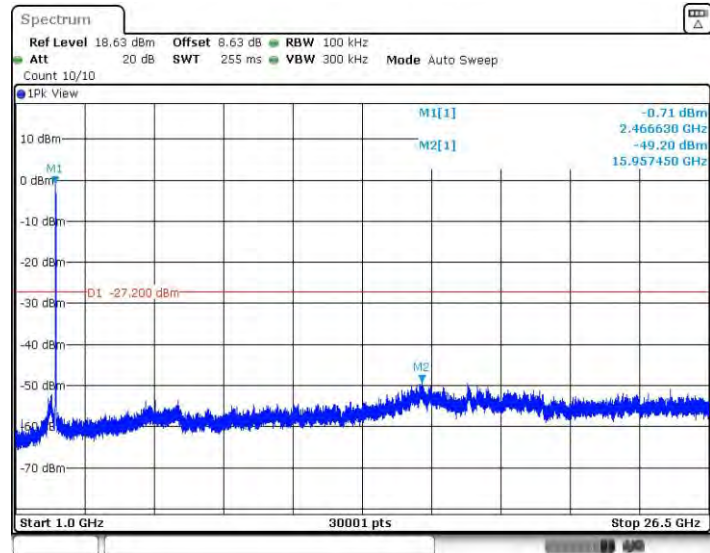
11N20SISO_Ant1_2462_0~Reference



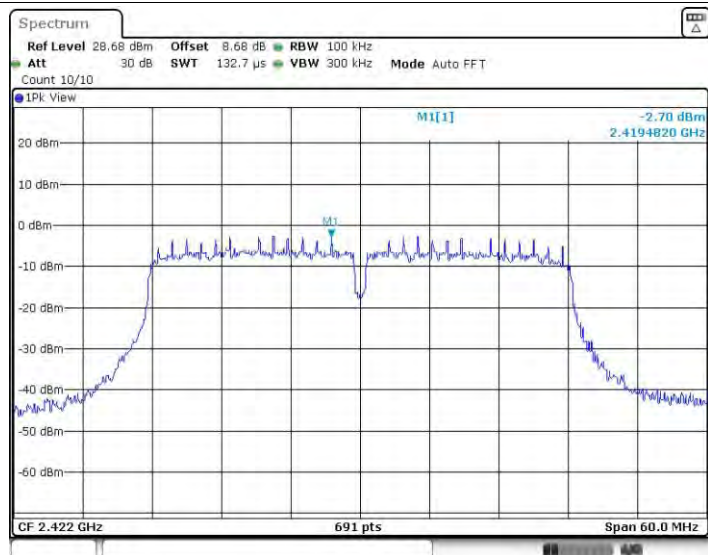
11N20SISO_Ant1_2462_30~1000



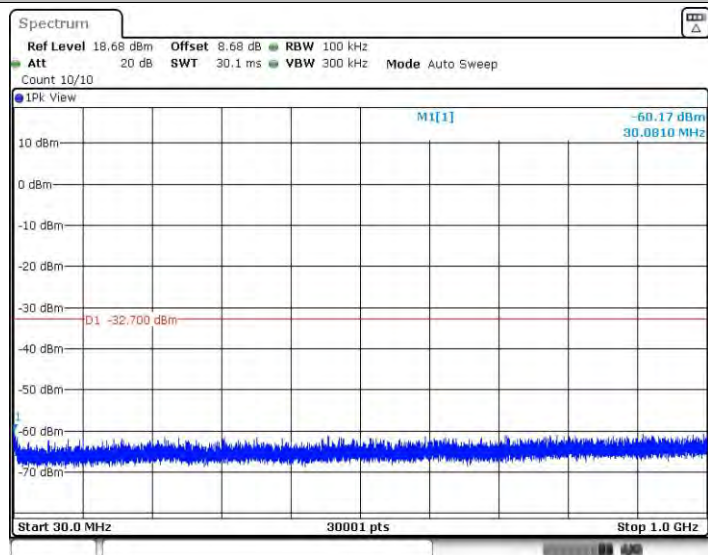
11N20SISO_Ant1_2462_1000~26500



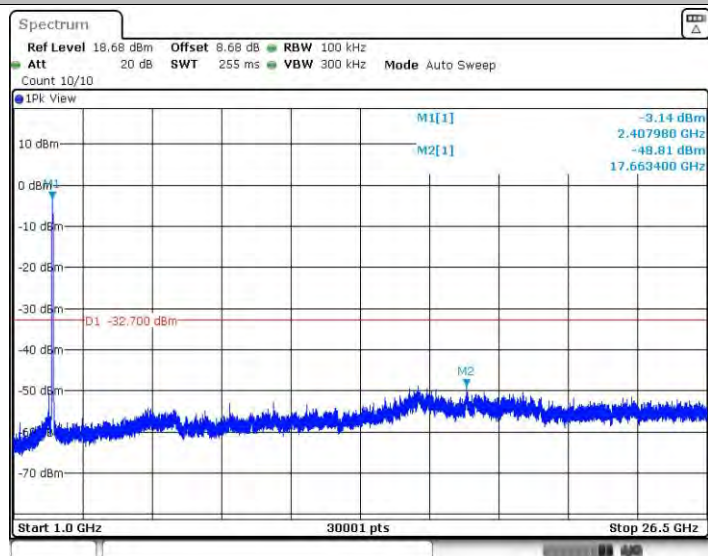
11N40SISO_Ant1_2422_0~Reference



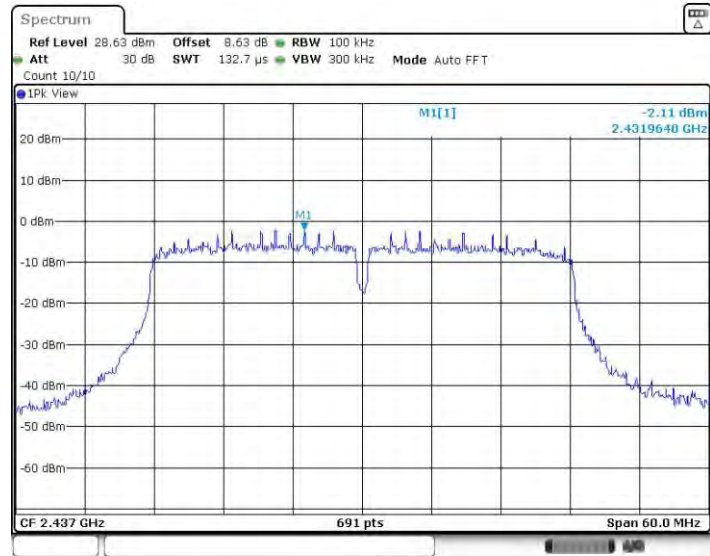
11N40SISO_Ant1_2422_30~1000



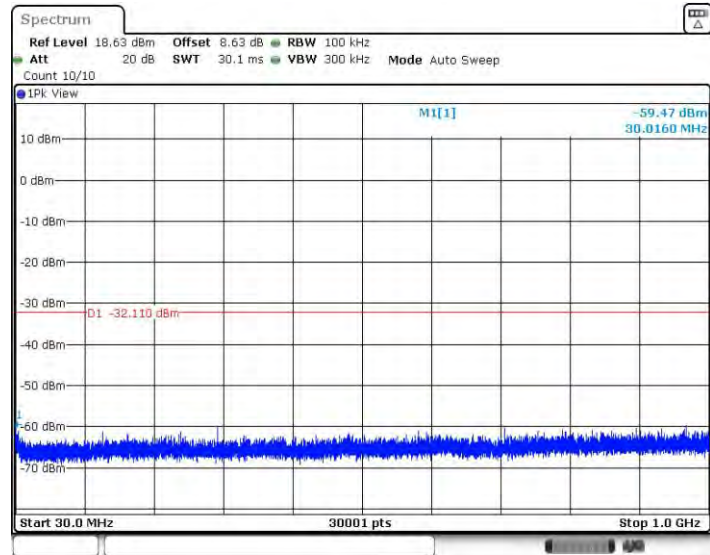
11N40SISO_Ant1_2422_1000~26500



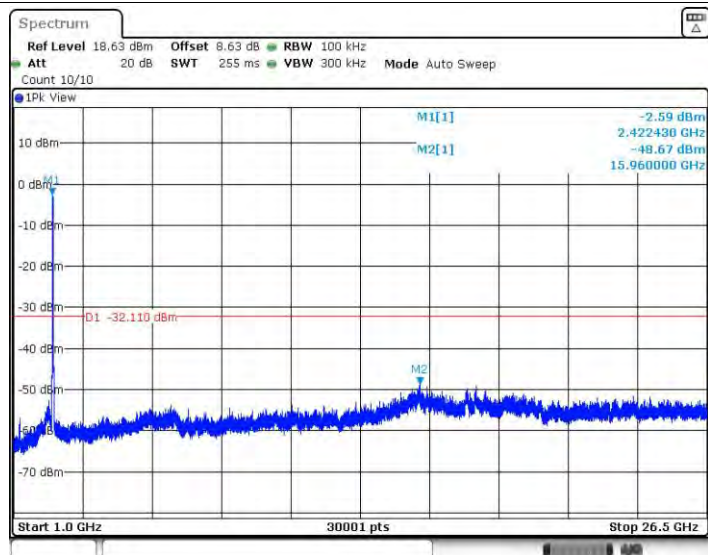
11N40SISO_Ant1_2437_0~Reference



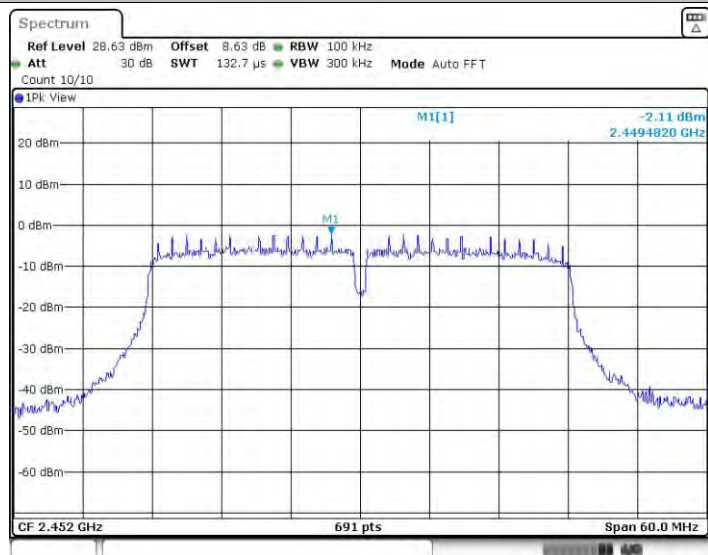
11N40SISO_Ant1_2437_30~1000



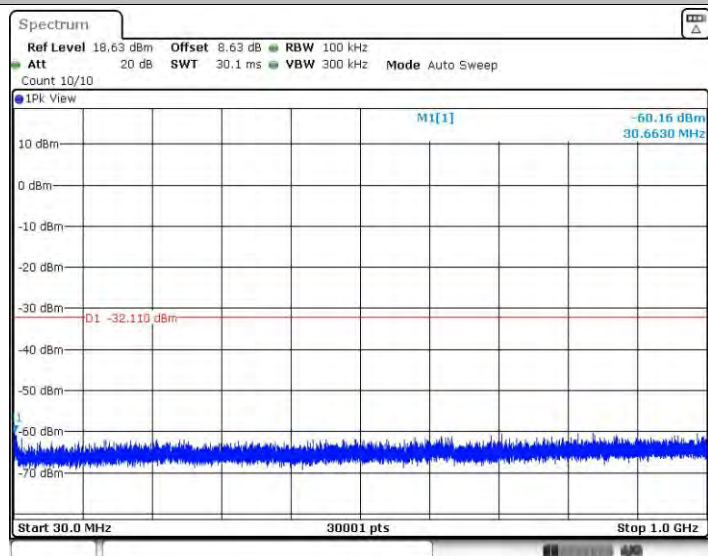
11N40SISO_Ant1_2437_1000~26500



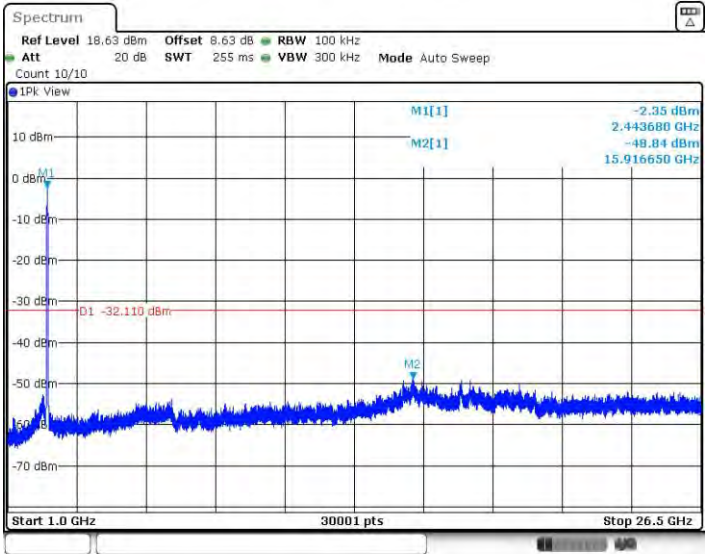
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



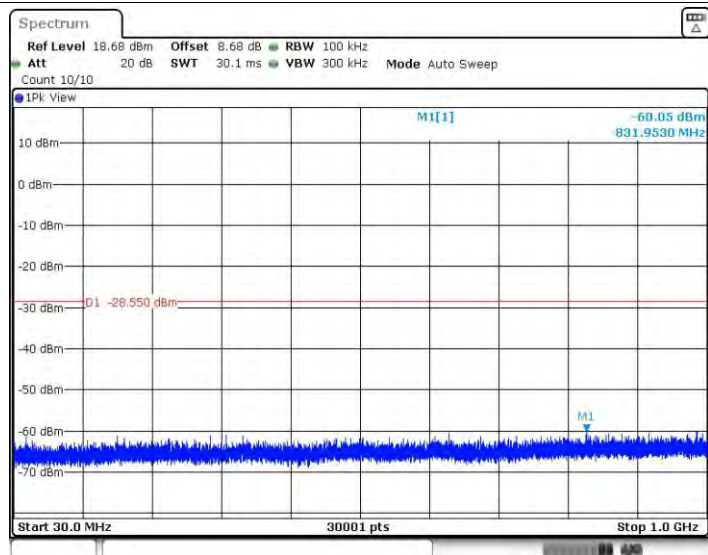
11N40SISO_Ant1_2452_1000~26500



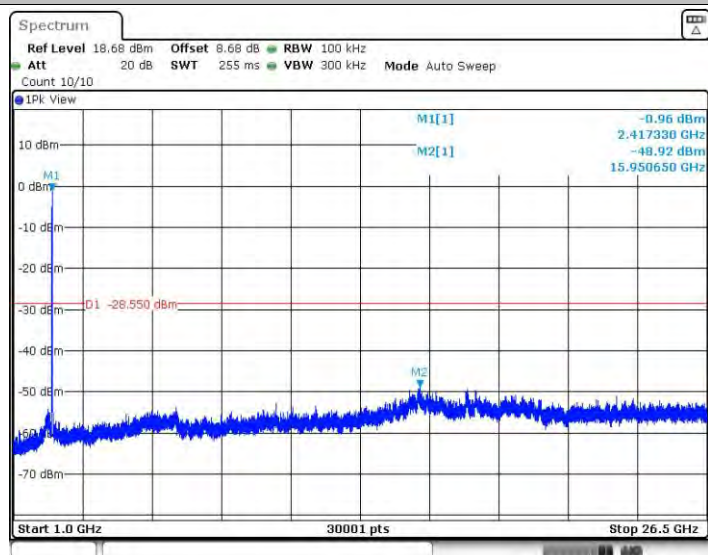
11AX20SISO_Ant1_2412_0~Reference



11AX20SISO_Ant1_2412_30~1000



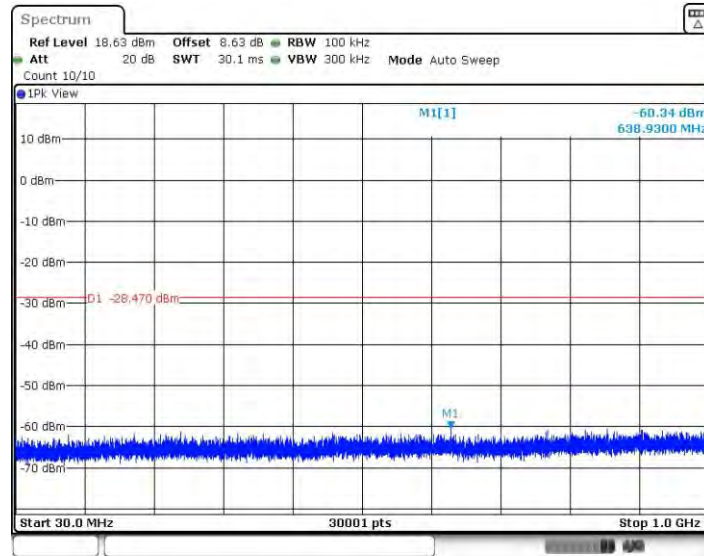
11AX20SISO_Ant1_2412_1000~26500



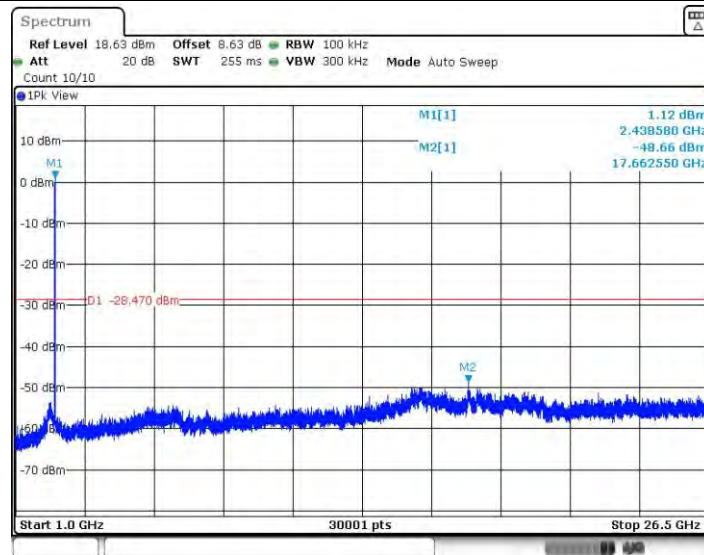
11AX20SISO_Ant1_2437_0~Reference



11AX20SISO_Ant1_2437_30~1000



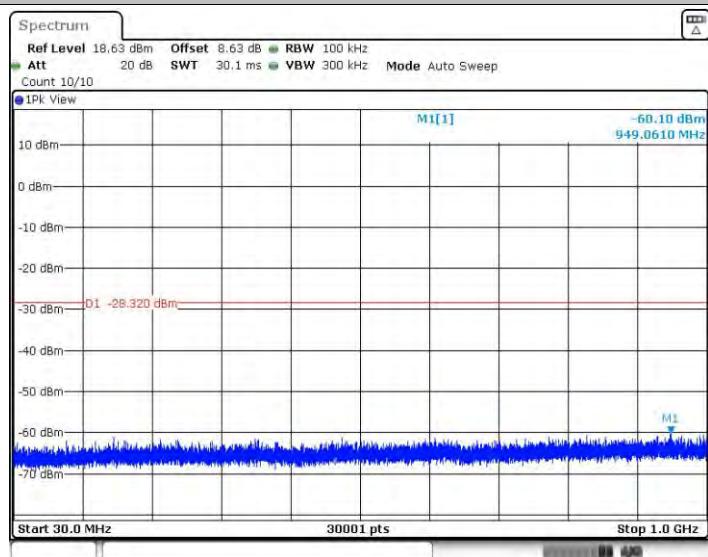
11AX20SISO_Ant1_2437_1000~26500



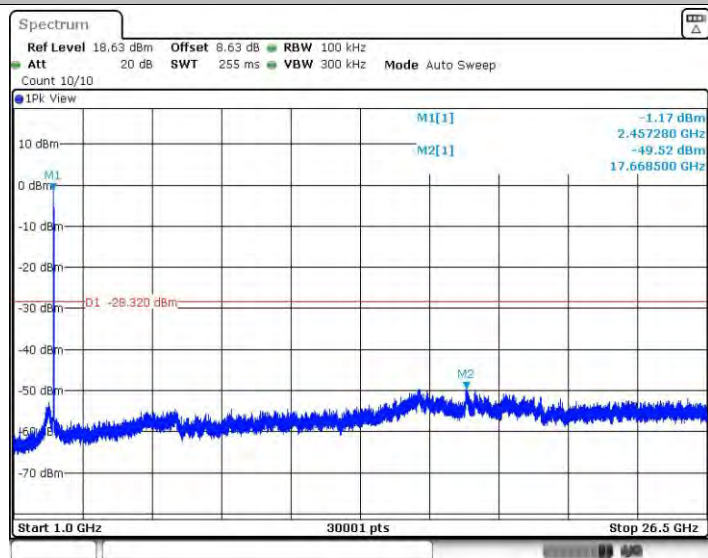
11AX20SISO_Ant1_2462_0~Reference



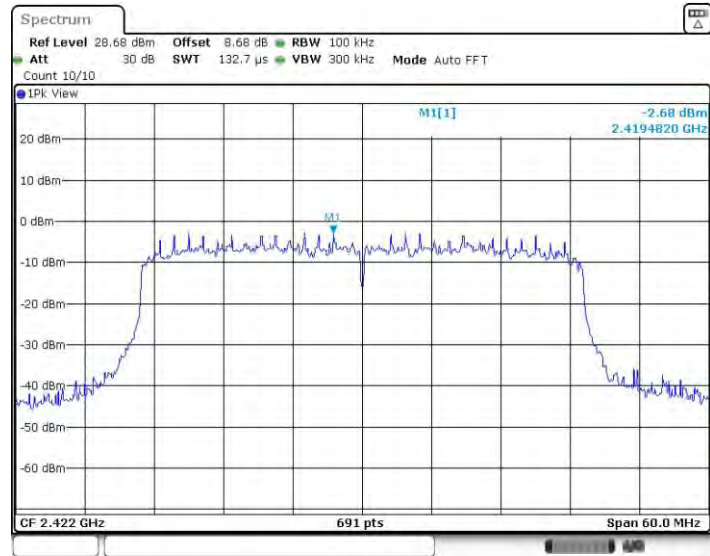
11AX20SISO_Ant1_2462_30~1000



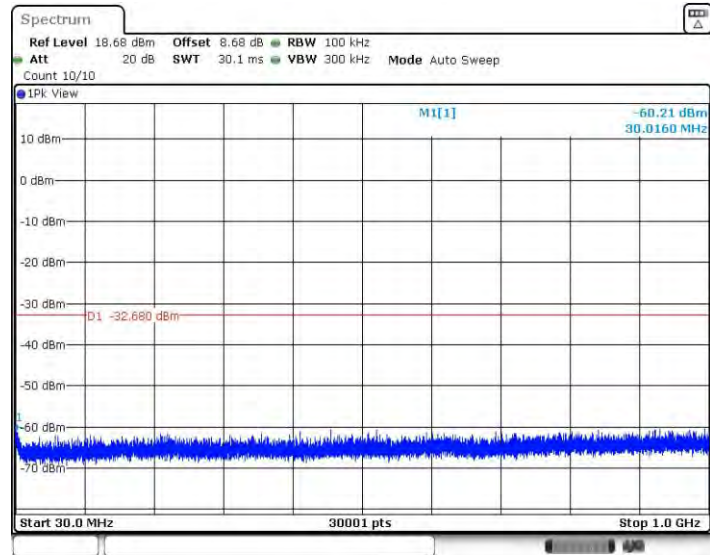
11AX20SISO_Ant1_2462_1000~26500



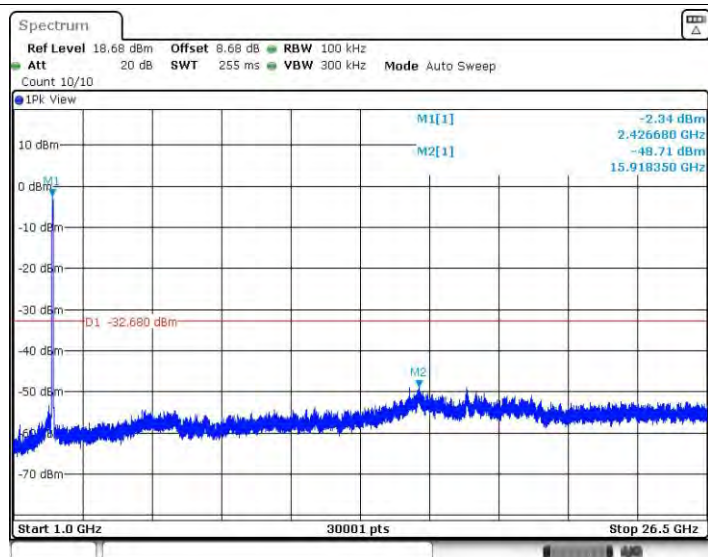
11AX40SISO_Ant1_2422_0~Reference



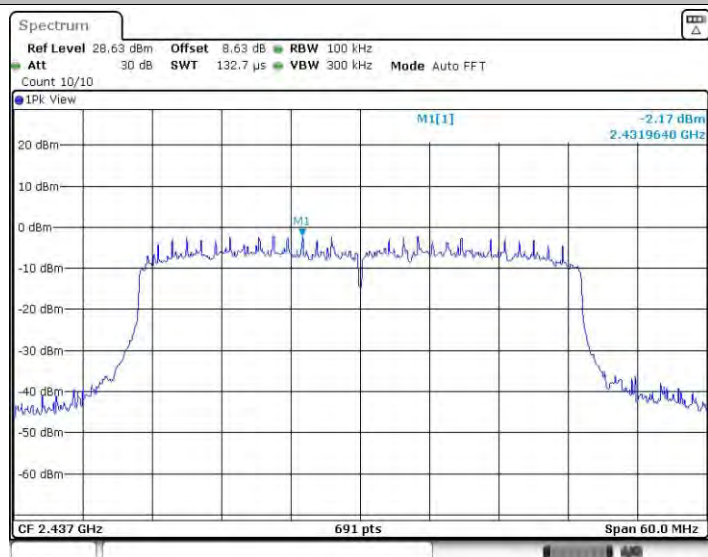
11AX40SISO_Ant1_2422_30~1000



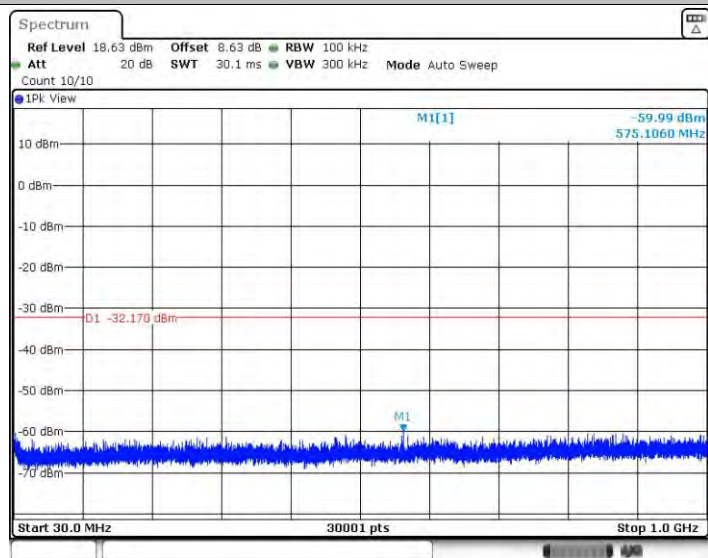
11AX40SISO_Ant1_2422_1000~26500



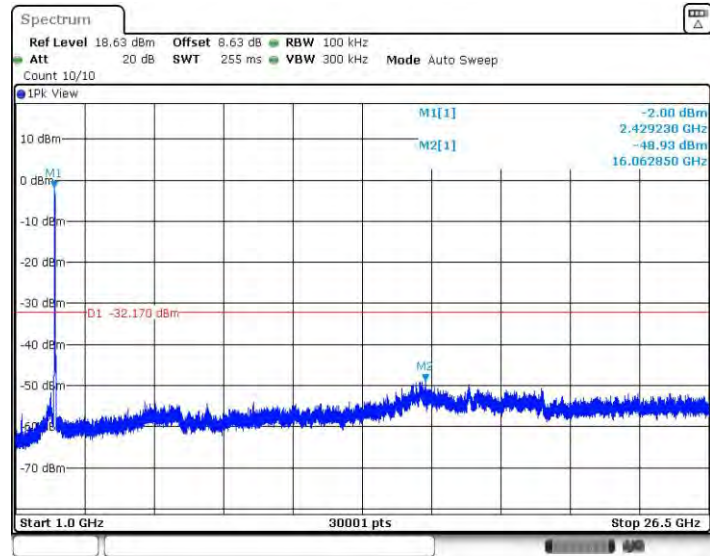
11AX40SISO_Ant1_2437_0~Reference



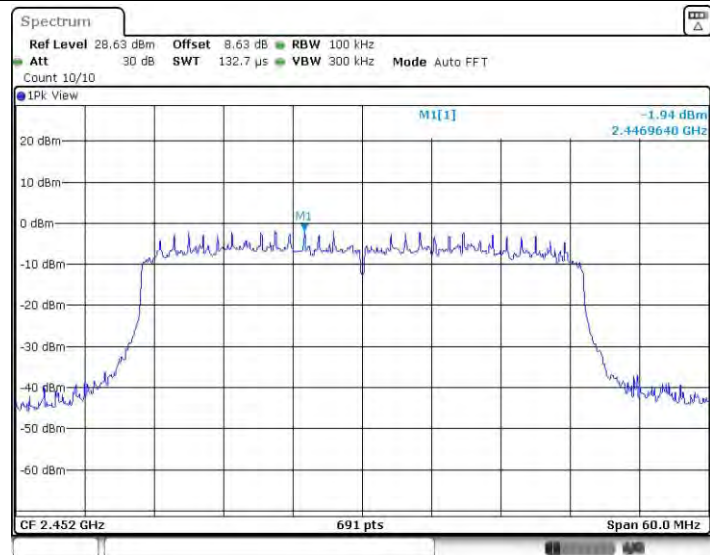
11AX40SISO_Ant1_2437_30~1000



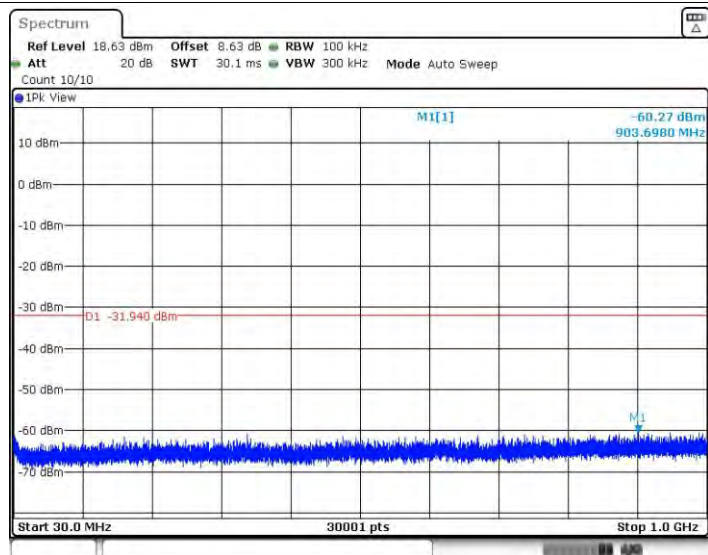
11AX40SISO_Ant1_2437_1000~26500



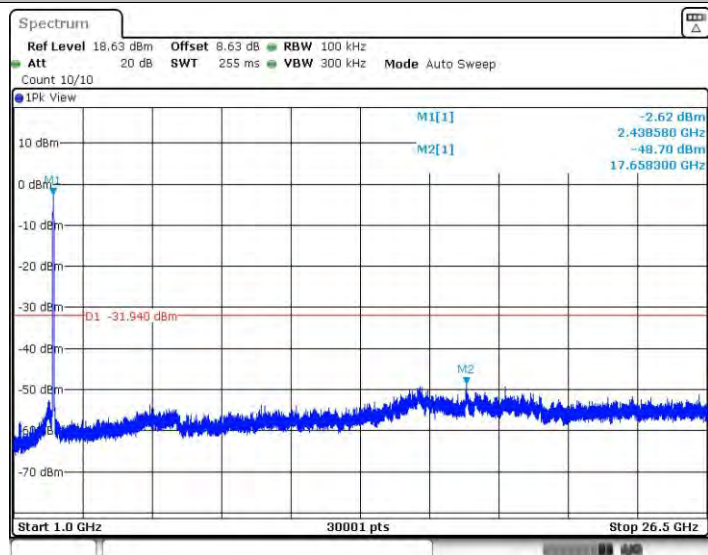
11AX40SISO_Ant1_2452_0~Reference



11AX40SISO_Ant1_2452_30~1000



11AX40SISO_Ant1_2452_1000~26500

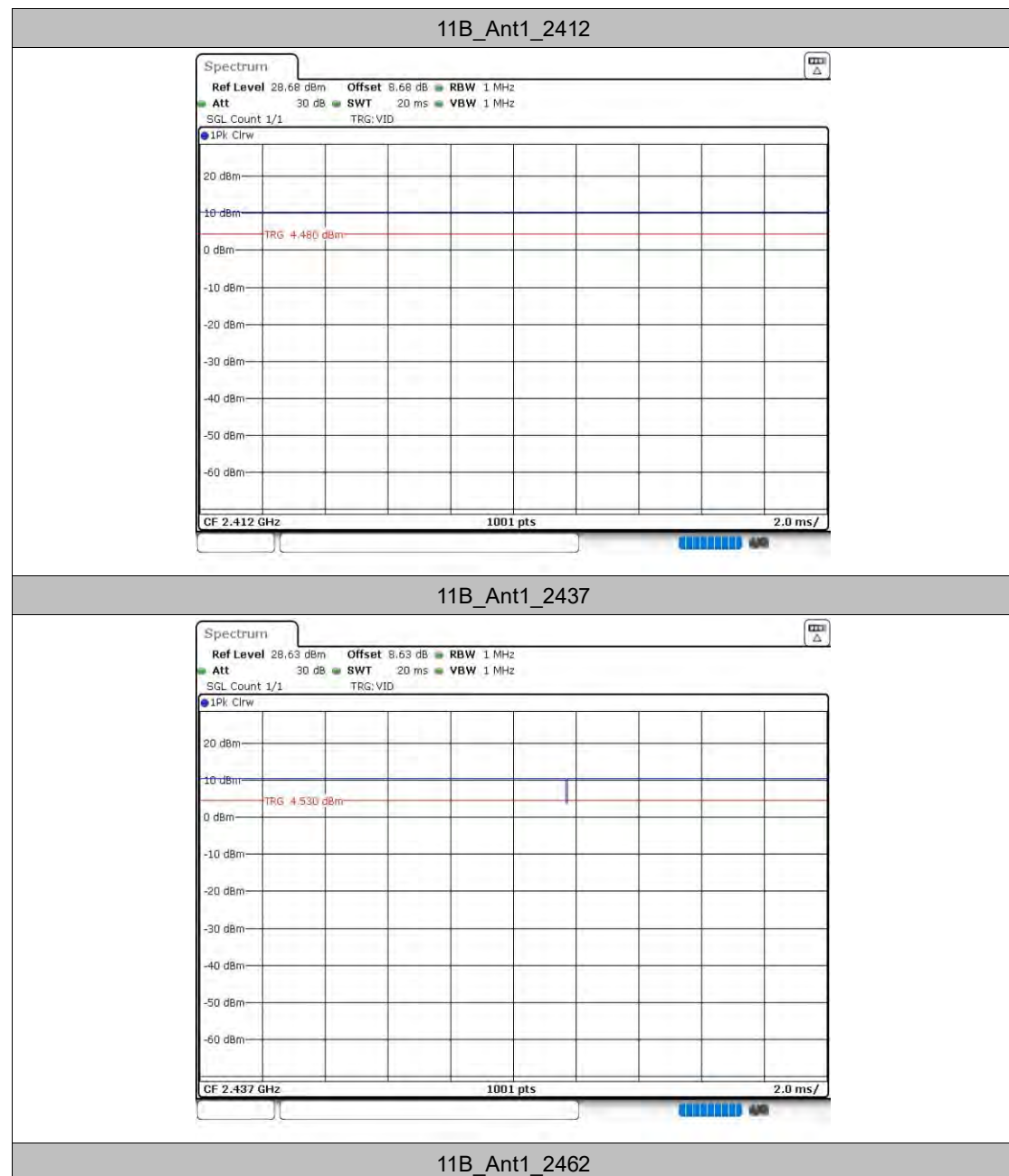


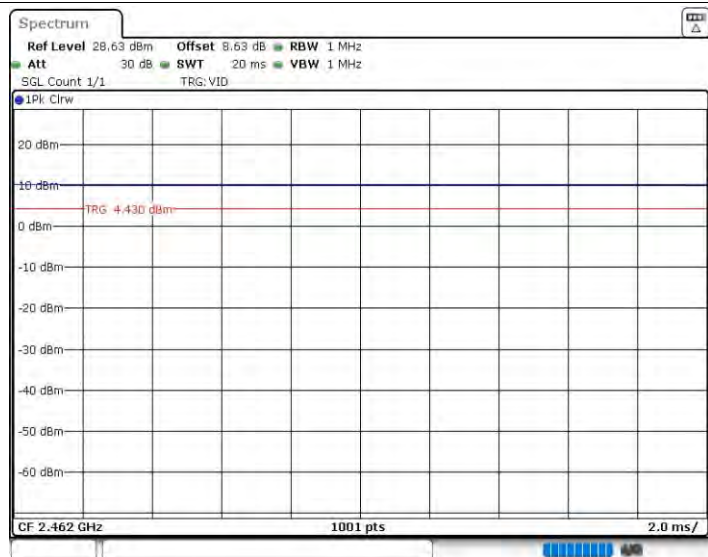
Appendix G: Duty Cycle

Test Result

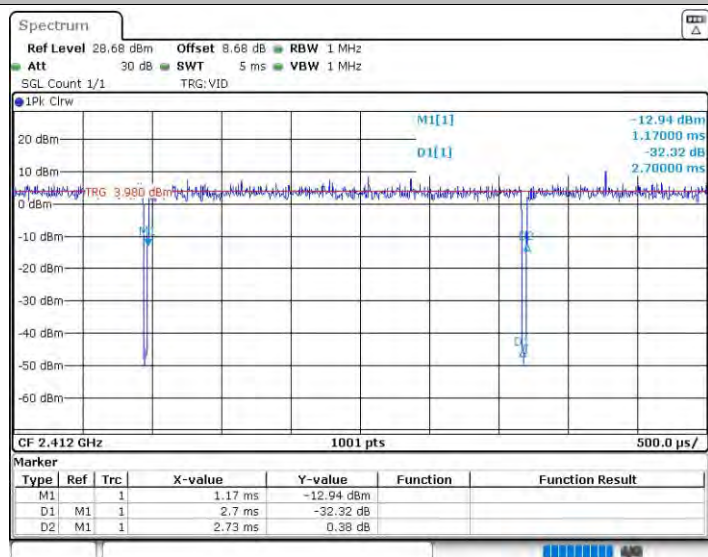
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	20.00	20.00	100.00	---	---
		2437	20.00	20.00	100.00	---	---
		2462	20.00	20.00	100.00	---	---
11G	Ant1	2412	2.70	2.73	98.90	---	---
		2437	2.70	2.73	98.90	---	---
		2462	2.70	2.73	98.90	---	---
11N20SISO	Ant1	2412	2.51	2.54	98.82	---	---
		2437	2.50	2.54	98.43	---	---
		2462	2.51	2.54	98.82	---	---
11N40SISO	Ant1	2422	1.22	1.26	96.83	---	---
		2437	1.22	1.26	96.83	---	---
		2452	1.22	1.26	96.83	---	---
11AX20SISO	Ant1	2412	1.91	1.95	97.95	---	---
		2437	1.92	1.95	98.46	---	---
		2462	1.92	1.95	98.46	---	---
11AX40SISO	Ant1	2422	0.97	1.01	96.04	---	---
		2437	0.96	1.01	95.05	---	---
		2452	0.01	0.02	50.00	---	---

Test Graphs

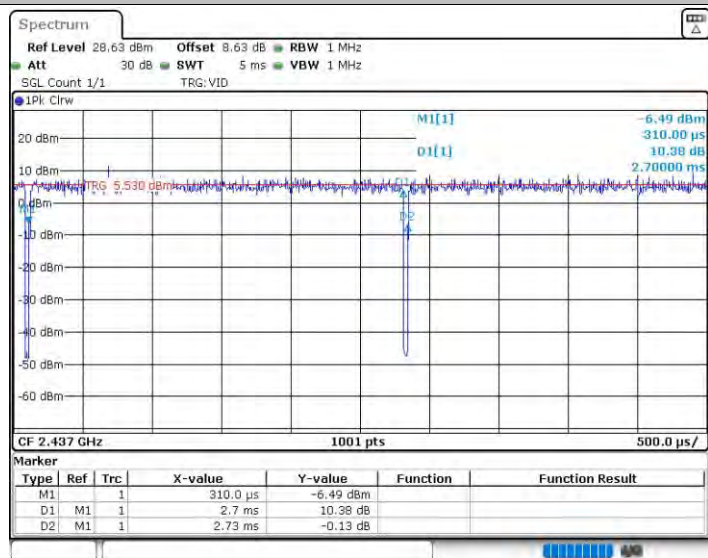




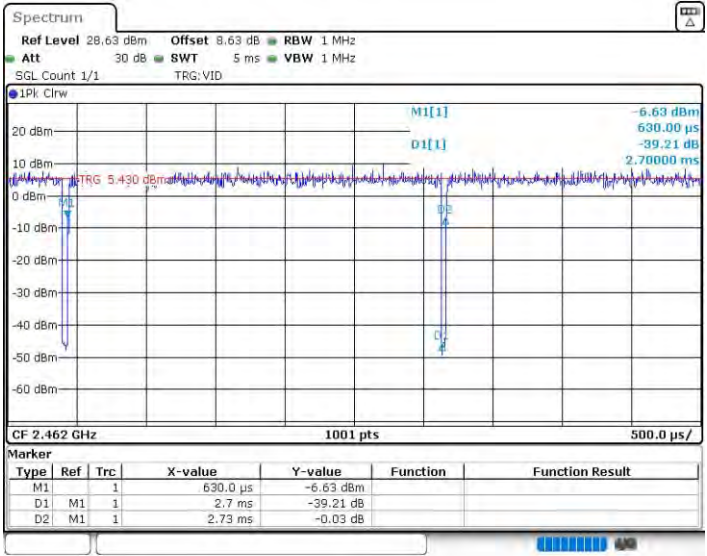
11G_Ant1_2412



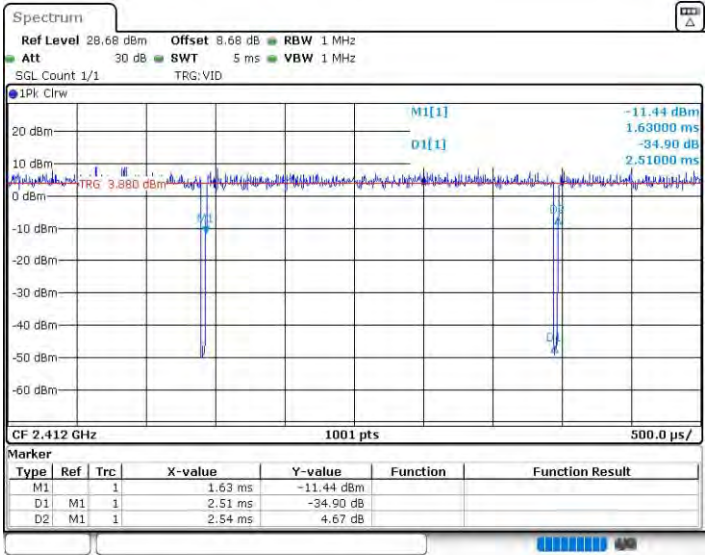
11G_Ant1_2437



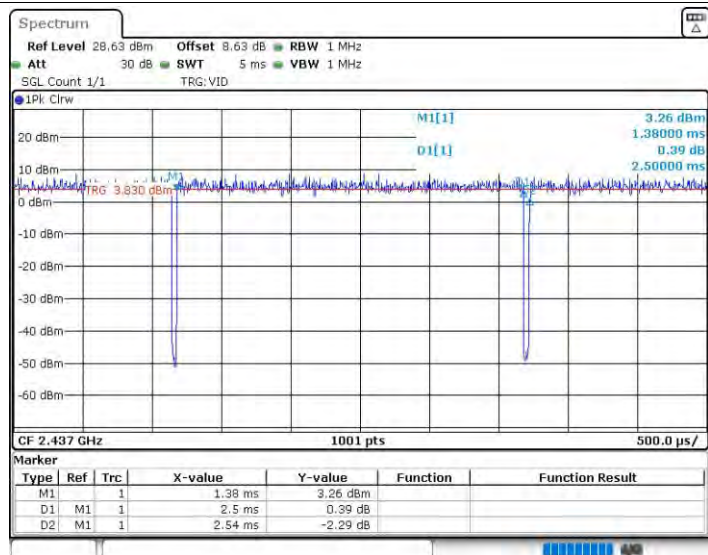
11G_Ant1_2462



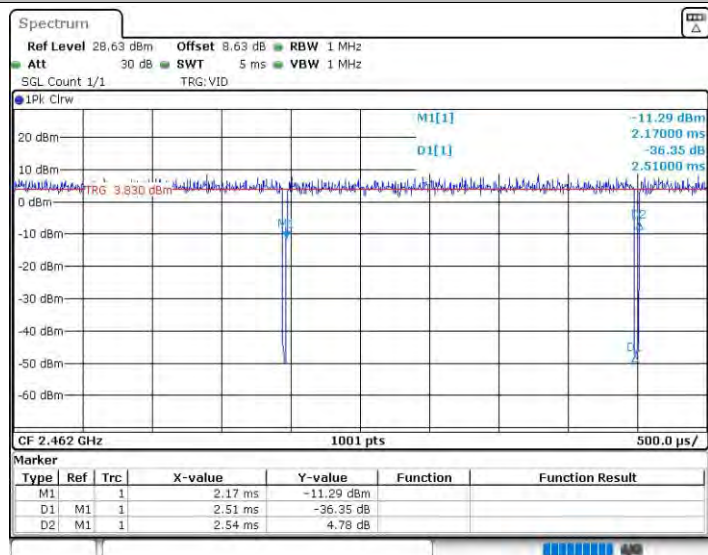
11N20SISO_Ant1_2412



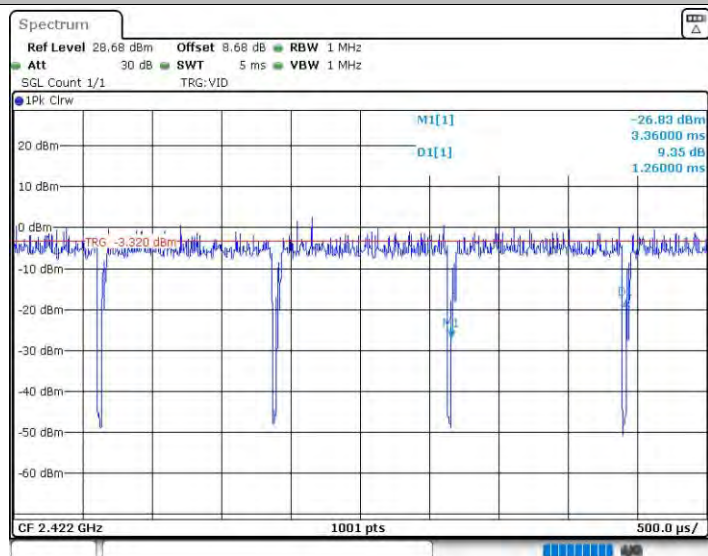
11N20SISO_Ant1_2437



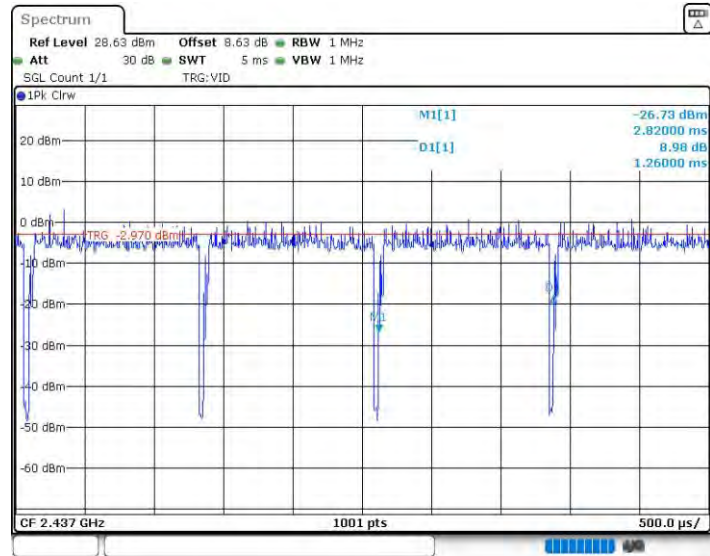
11N20SISO_Ant1_2462



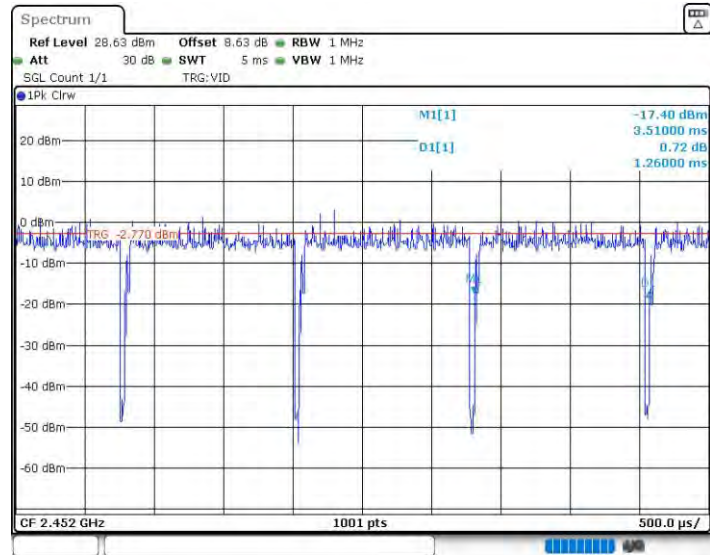
11N40SISO_Ant1_2422



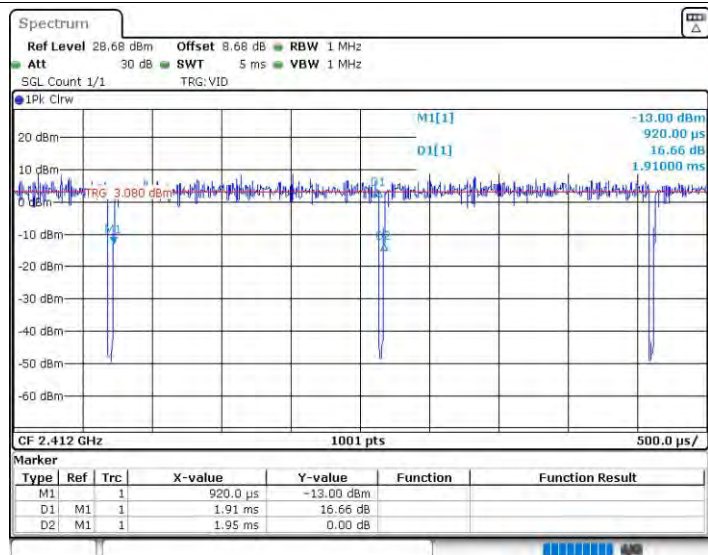
11N40SISO_Ant1_2437



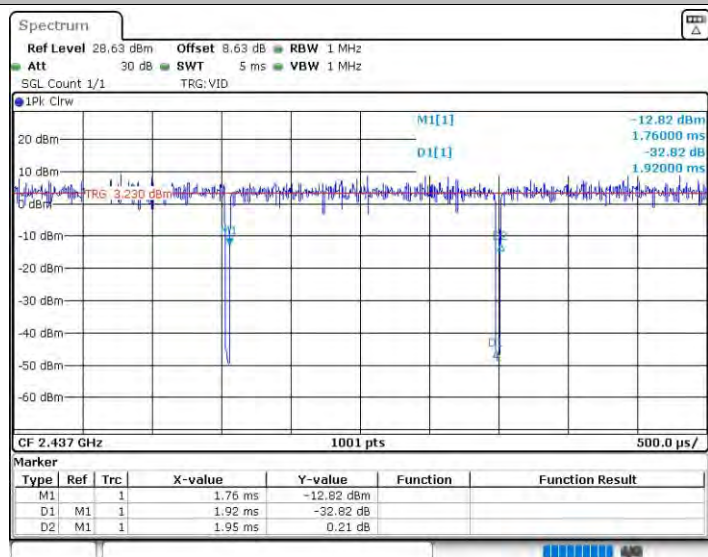
11N40SISO_Ant1_2452



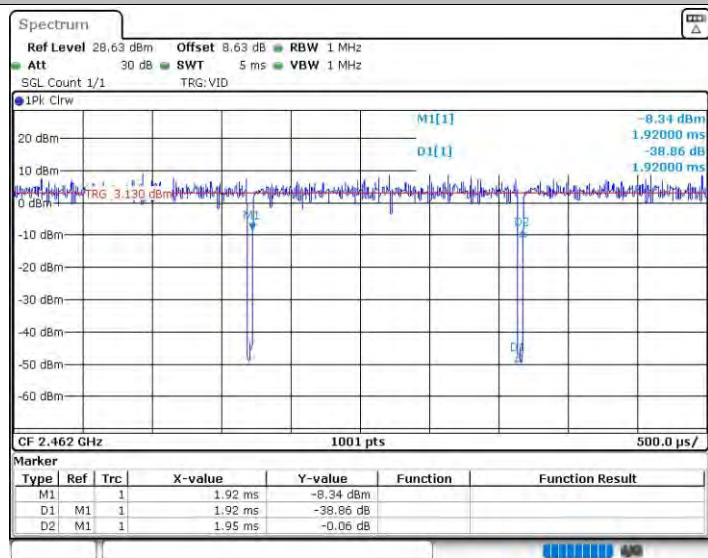
11AX20SISO_Ant1_2412



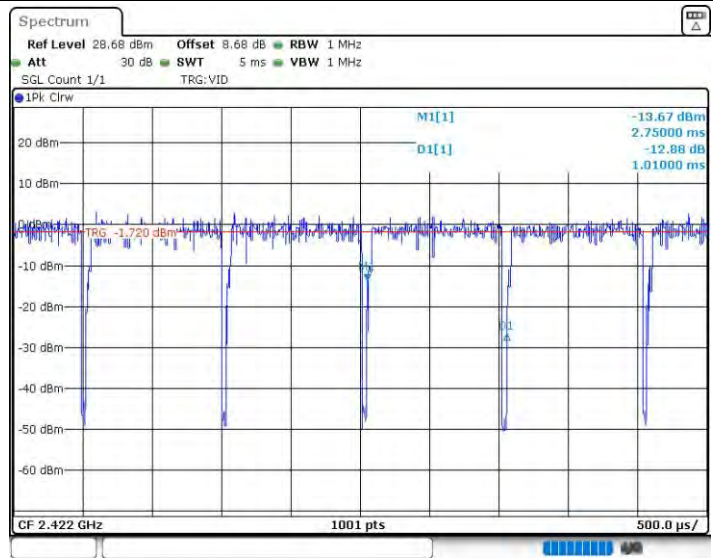
11AX20SISO_Ant1_2437



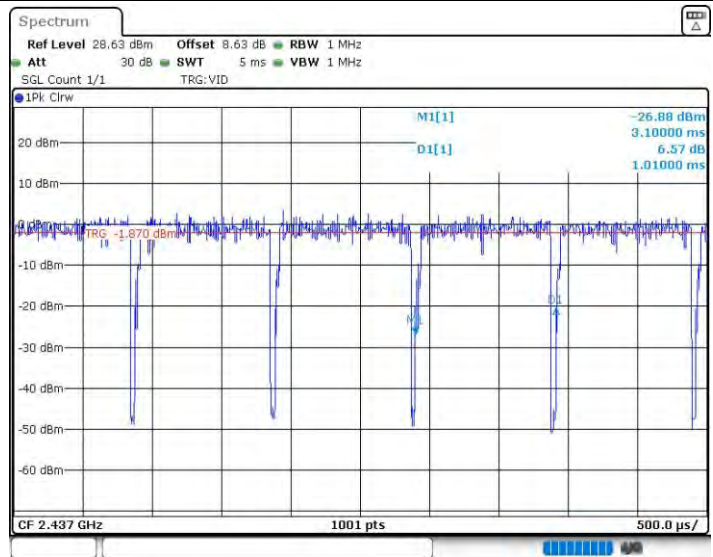
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

