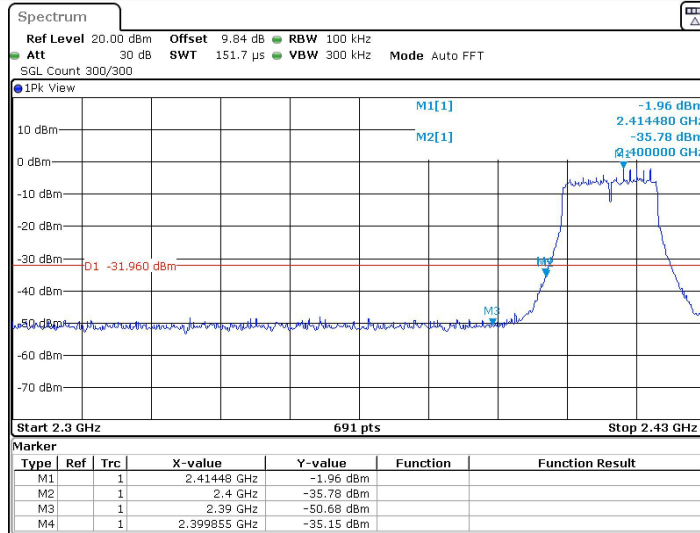
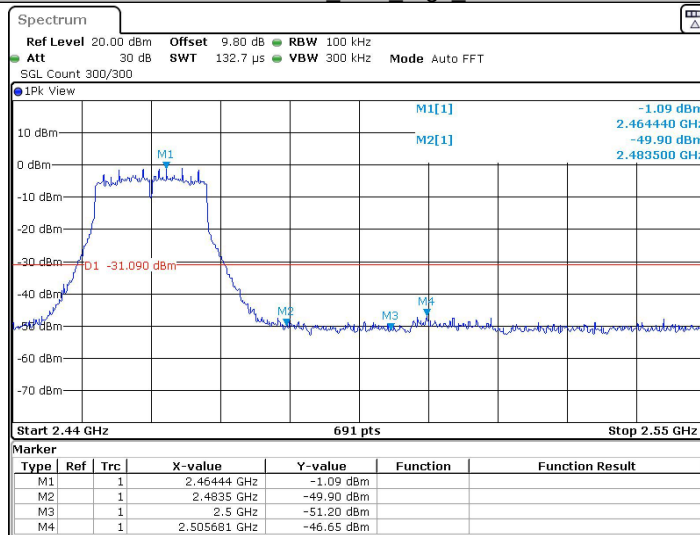


11N20SISO_Ant2_Low_2412



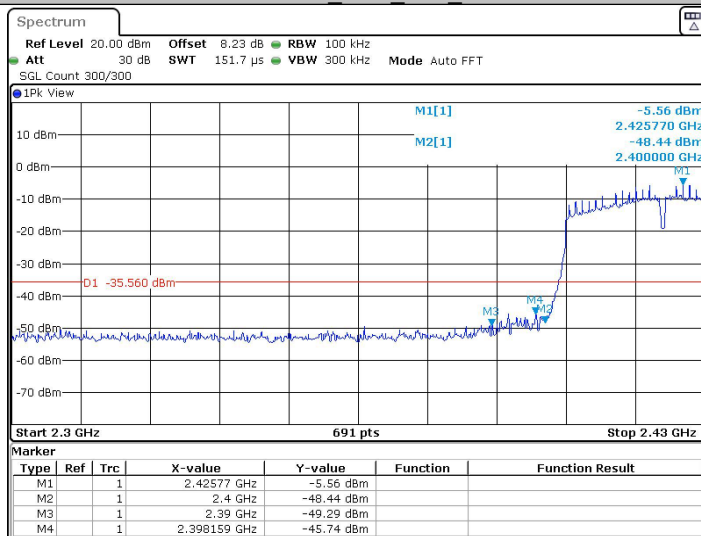
Date: 15 JUL 2022 10:19:10

11N20SISO_Ant2_High_2462



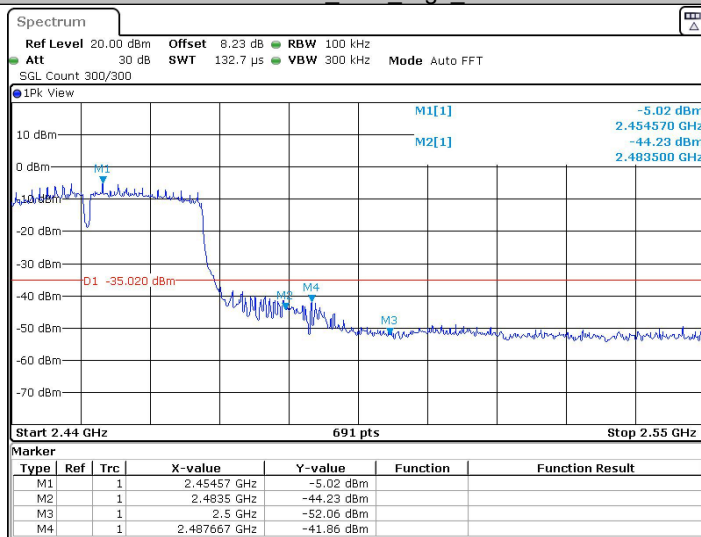
Date: 15 JUL 2022 10:25:31

11N40SISO_Ant2_Low_2422



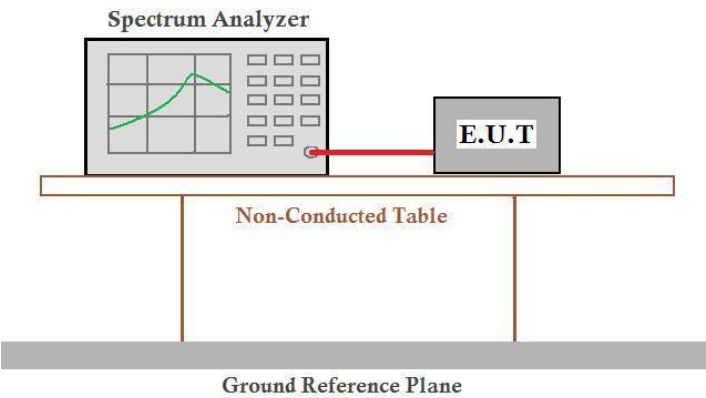
Date: 19 SEP. 2022 09:07:46

11N40SISO_Ant2_High_2452



Date: 19 SEP. 2022 09:12:49

5.7 RF Conducted Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013
Test Setup:	 Offset=cable loss+ attenuation factor
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20); 13.5Mbps of rate is the worst case of 802.11n(HT40). Only the worst case is recorded in the report.
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

Test Result

ANT 1:

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.46	4.46	---	PASS
			30~1000	4.46	-55.82	≤-25.54	PASS
			1000~26500	4.46	-51.99	≤-25.54	PASS
		2437	Reference	5.39	5.39	---	PASS
			30~1000	5.39	-57.31	≤-24.61	PASS
			1000~26500	5.39	-53.73	≤-24.61	PASS
		2462	Reference	3.78	3.78	---	PASS
			30~1000	3.78	-55.85	≤-26.22	PASS
			1000~26500	3.78	-52.98	≤-26.22	PASS
11G	Ant1	2412	Reference	-1.61	-1.61	---	PASS
			30~1000	-1.61	-56.32	≤-31.61	PASS
			1000~26500	-1.61	-53.62	≤-31.61	PASS
		2437	Reference	-1.70	-1.70	---	PASS
			30~1000	-1.70	-56.93	≤-31.7	PASS
			1000~26500	-1.70	-52.74	≤-31.7	PASS
		2462	Reference	-2.58	-2.58	---	PASS
			30~1000	-2.58	-57.17	≤-32.58	PASS
			1000~26500	-2.58	-53.75	≤-32.58	PASS
11N20SISO	Ant1	2412	Reference	-0.59	-0.59	---	PASS
			30~1000	-0.59	-55.84	≤-30.59	PASS
			1000~26500	-0.59	-53.35	≤-30.59	PASS
		2437	Reference	-0.46	-0.46	---	PASS
			30~1000	-0.46	-56.97	≤-30.46	PASS
			1000~26500	-0.46	-53.24	≤-30.46	PASS
		2462	Reference	-1.67	-1.67	---	PASS
			30~1000	-1.67	-56.58	≤-31.67	PASS
			1000~26500	-1.67	-52.99	≤-31.67	PASS
11N40SISO	Ant1	2422	Reference	-5.63	-5.63	---	PASS
			30~1000	-5.63	-58.96	≤-35.63	PASS
			1000~26500	-5.63	-55.46	≤-35.63	PASS
		2437	Reference	-5.33	-5.33	---	PASS
			30~1000	-5.33	-58.91	≤-35.33	PASS
			1000~26500	-5.33	-55.07	≤-35.33	PASS

		2452	Reference	-5.16	-5.16	---	PASS
			30~1000	-5.16	-58.02	≤ -35.16	PASS
			1000~26500	-5.16	-55.48	≤ -35.16	PASS

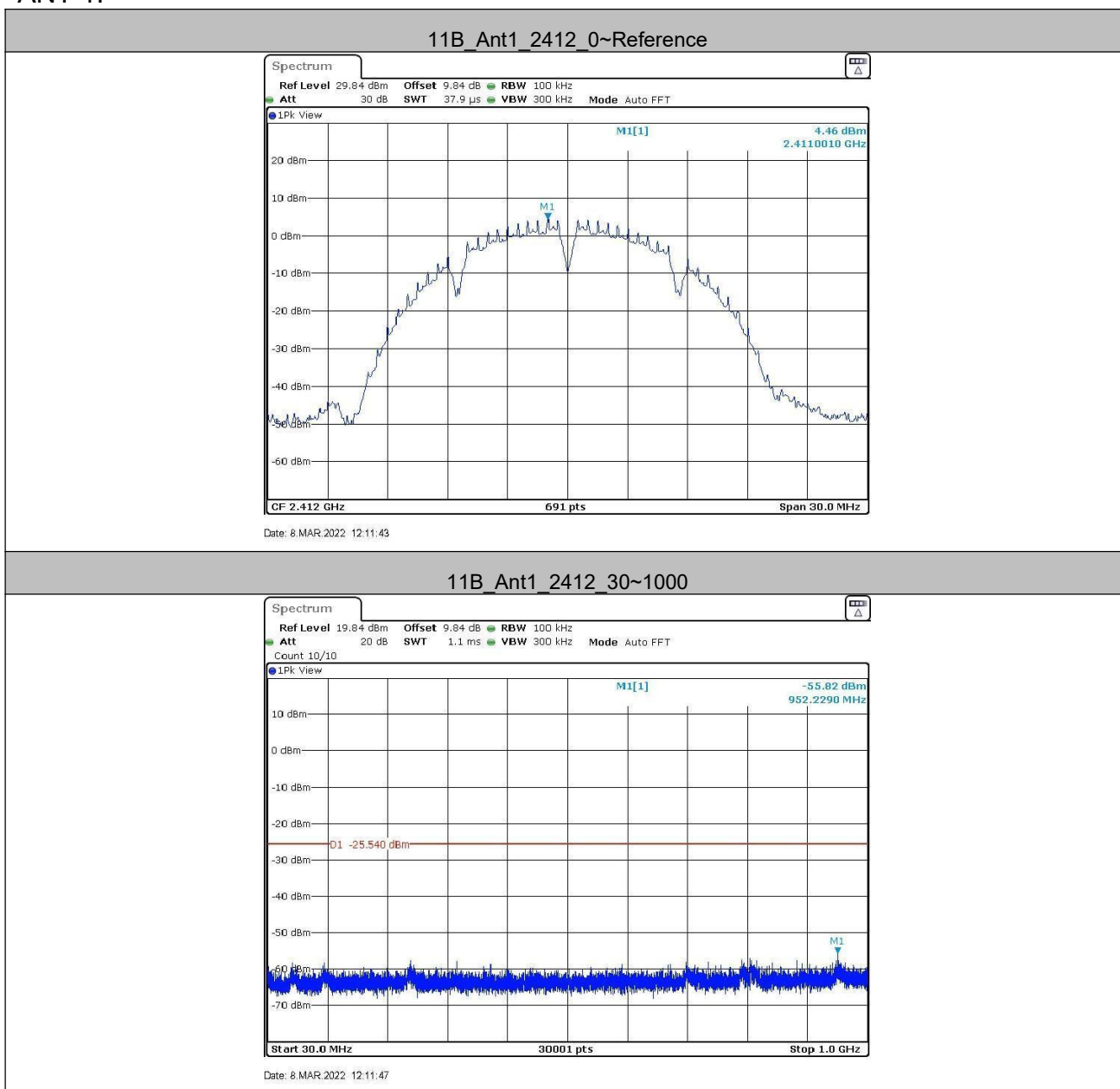
ANT 2:

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	-0.54	-0.54	---	PASS
			30~1000	-0.54	-57.65	≤ -30.54	PASS
			1000~26500	-0.54	-53.96	≤ -30.54	PASS
		2437	Reference	-1.79	-1.79	---	PASS
			30~1000	-1.79	-57.24	≤ -31.79	PASS
			1000~26500	-1.79	-53.73	≤ -31.79	PASS
		2462	Reference	-0.10	-0.10	---	PASS
			30~1000	-0.10	-58.03	≤ -30.1	PASS
			1000~26500	-0.10	-55.15	≤ -30.1	PASS
11G	Ant2	2412	Reference	-7.13	-7.13	---	PASS
			30~1000	-7.13	-56.62	≤ -37.13	PASS
			1000~26500	-7.13	-53.77	≤ -37.13	PASS
		2437	Reference	-5.73	-5.73	---	PASS
			30~1000	-5.73	-56.9	≤ -35.73	PASS
			1000~26500	-5.73	-53.65	≤ -35.73	PASS
		2462	Reference	-5.00	-5.00	---	PASS
			30~1000	-5.00	-57.64	≤ -35	PASS
			1000~26500	-5.00	-54.02	≤ -35	PASS
11N20SISO	Ant2	2412	Reference	-7.12	-7.12	---	PASS
			30~1000	-7.12	-56.43	≤ -37.12	PASS
			1000~26500	-7.12	-53.47	≤ -37.12	PASS
		2437	Reference	-6.08	-6.08	---	PASS
			30~1000	-6.08	-57.06	≤ -36.08	PASS
			1000~26500	-6.08	-53.21	≤ -36.08	PASS
		2462	Reference	-5.79	-5.79	---	PASS
			30~1000	-5.79	-57.33	≤ -35.79	PASS
			1000~26500	-5.79	-53.59	≤ -35.79	PASS
11N40SISO	Ant2	2422	Reference	-5.52	-5.52	---	PASS
			30~1000	-5.52	-57.65	≤ -35.52	PASS
			1000~26500	-5.52	-55.47	≤ -35.52	PASS

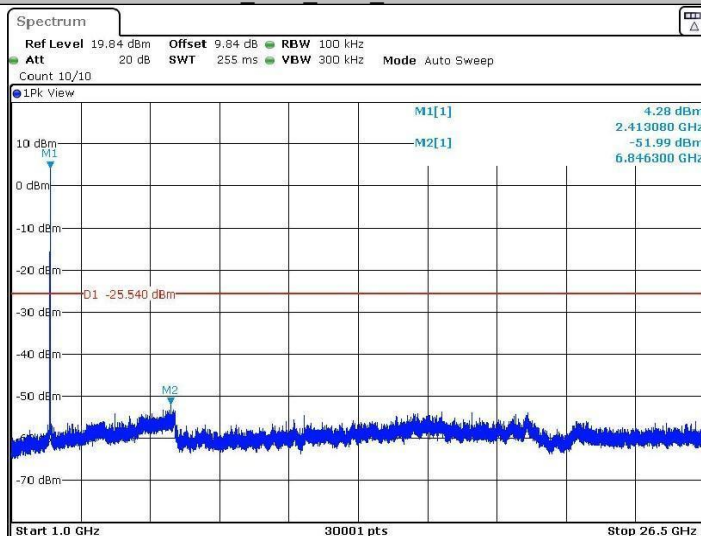
		2437	Reference	-5.26	-5.26	---	PASS
			30~1000	-5.26	-58.87	≤ -35.26	PASS
			1000~26500	-5.26	-55.3	≤ -35.26	PASS
		2452	Reference	-4.15	-4.15	---	PASS
			30~1000	-4.15	-59.31	≤ -34.15	PASS
			1000~26500	-4.15	-55.48	≤ -34.15	PASS

Test Graphs

ANT 1:

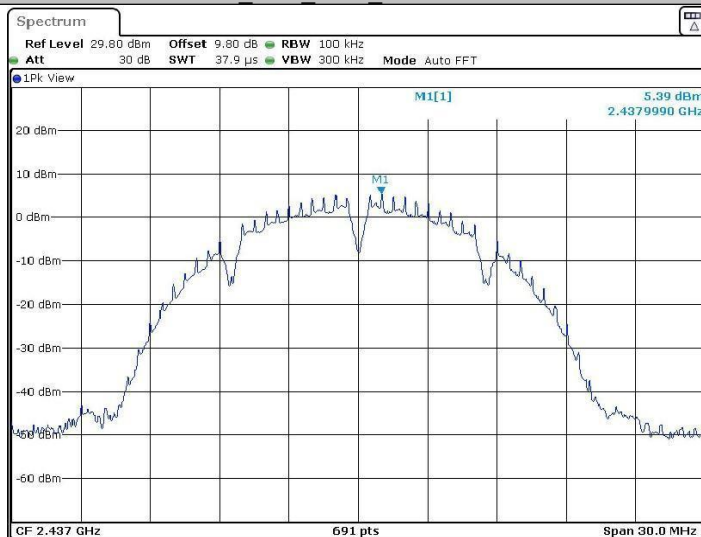


11B_Ant1_2412_1000~26500



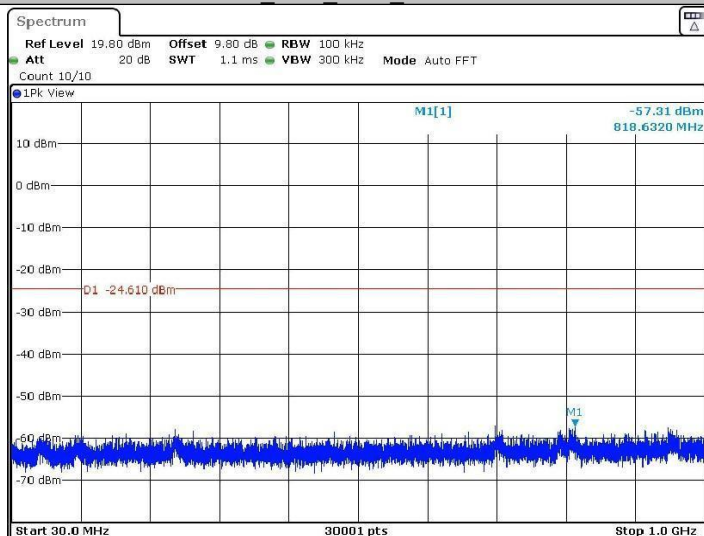
Date: 8.MAR.2022 12:12:09

11B_Ant1_2437_0~Reference



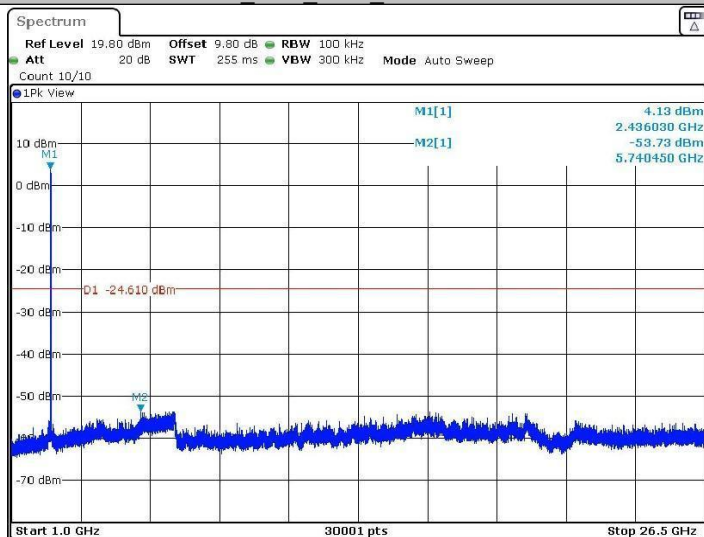
Date: 8.MAR.2022 12:13:57

11B_Ant1_2437_30~1000



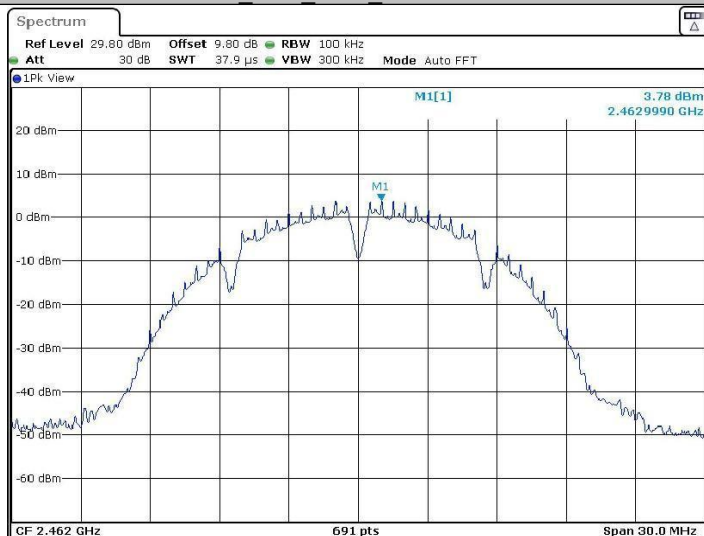
Date: 8.MAR.2022 12:14:02

11B_Ant1_2437_1000~26500



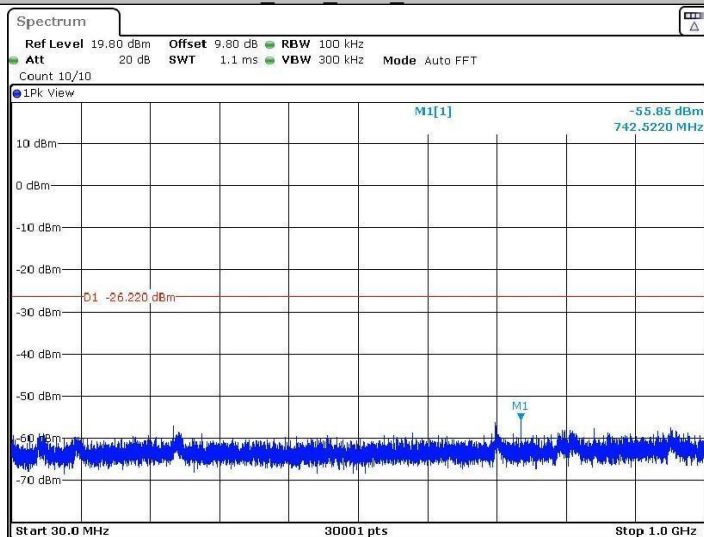
Date: 8.MAR.2022 12:14:24

11B_Ant1_2462_0~Reference



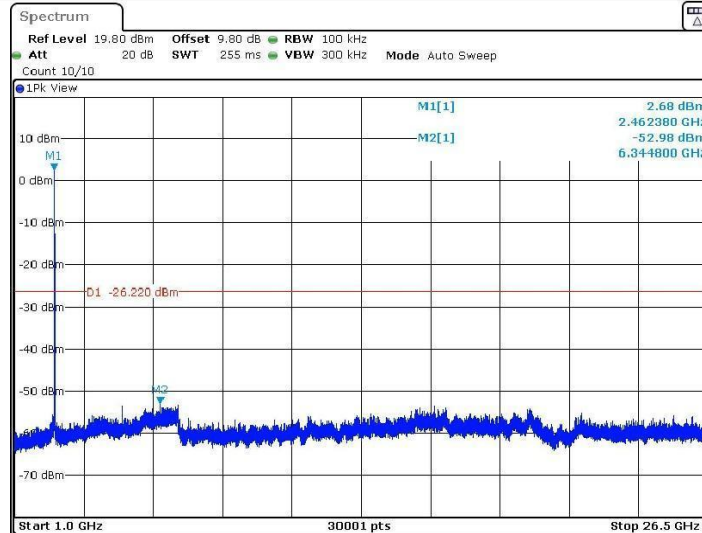
Date: 9.MAR.2022 01:27:44

11B_Ant1_2462_30~1000



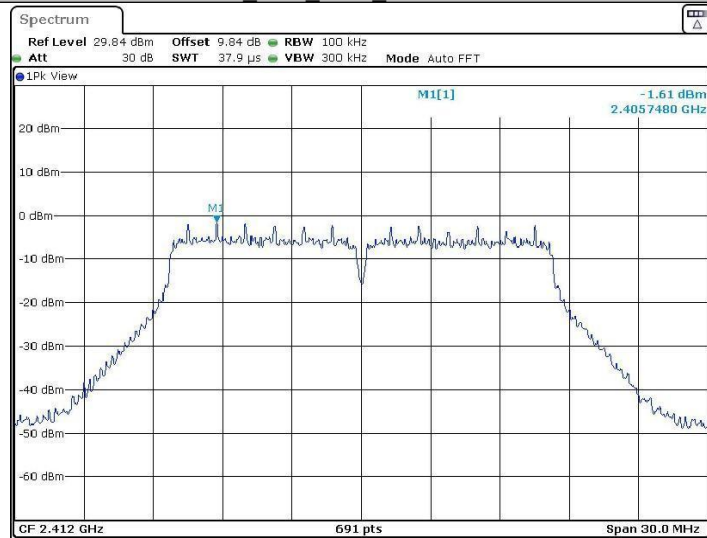
Date: 9.MAR.2022 01:27:48

11B_Ant1_2462_1000~26500



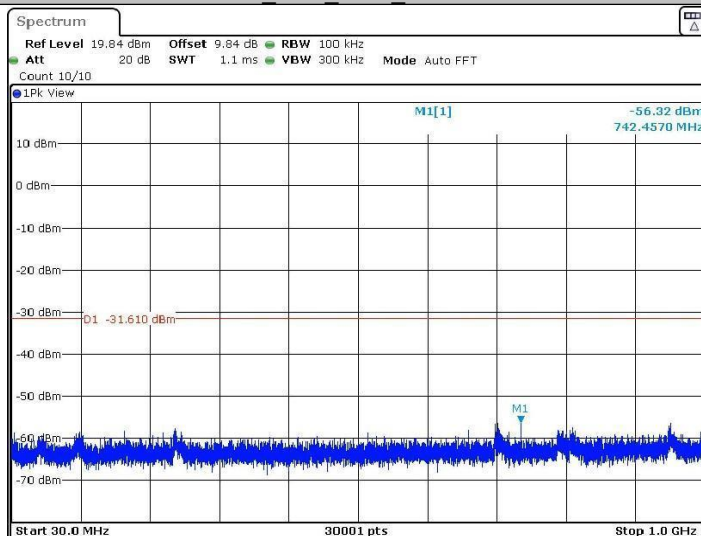
Date: 9.MAR.2022 01:28:10

11G_Ant1_2412_0~Reference



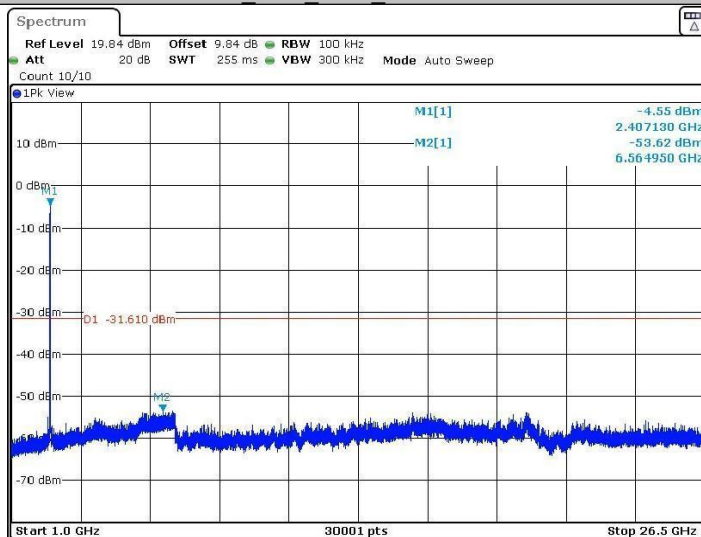
Date: 9.MAR.2022 01:33:50

11G_Ant1_2412_30~1000



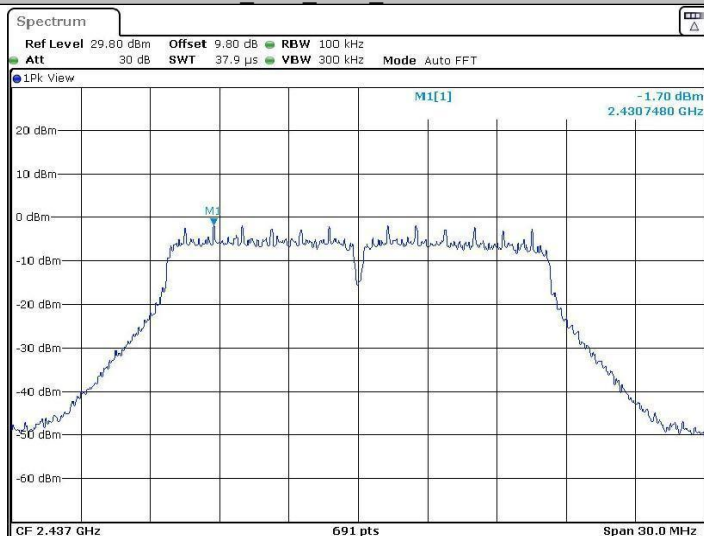
Date: 9.MAR.2022 01:33:54

11G_Ant1_2412_1000~26500



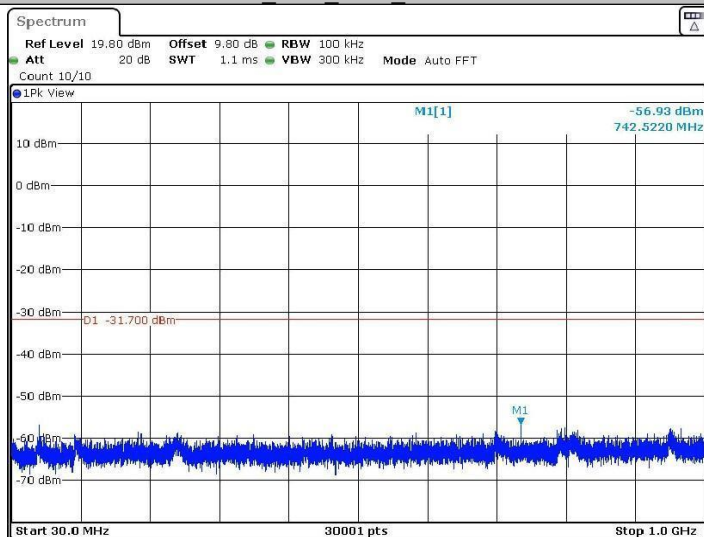
Date: 9.MAR.2022 01:34:16

11G_Ant1_2437_0~Reference



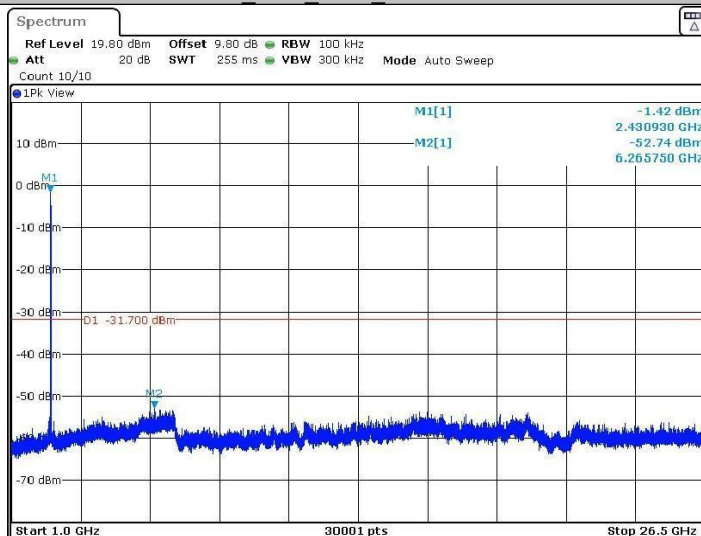
Date: 9.MAR.2022 01:40:18

11G_Ant1_2437_30~1000



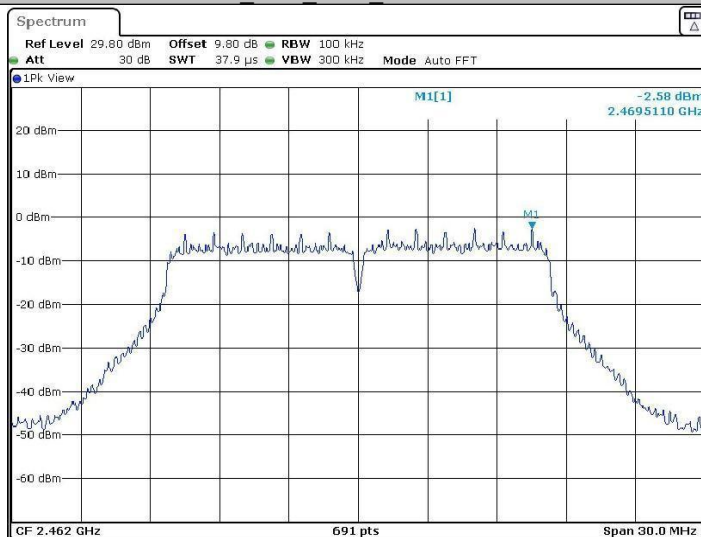
Date: 9.MAR.2022 01:40:22

11G_Ant1_2437_1000~26500



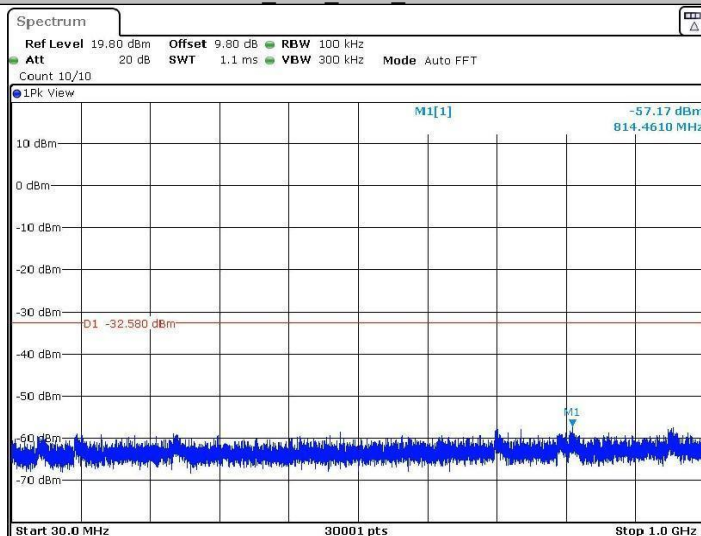
Date: 9.MAR.2022 01:40:44

11G_Ant1_2462_0~Reference



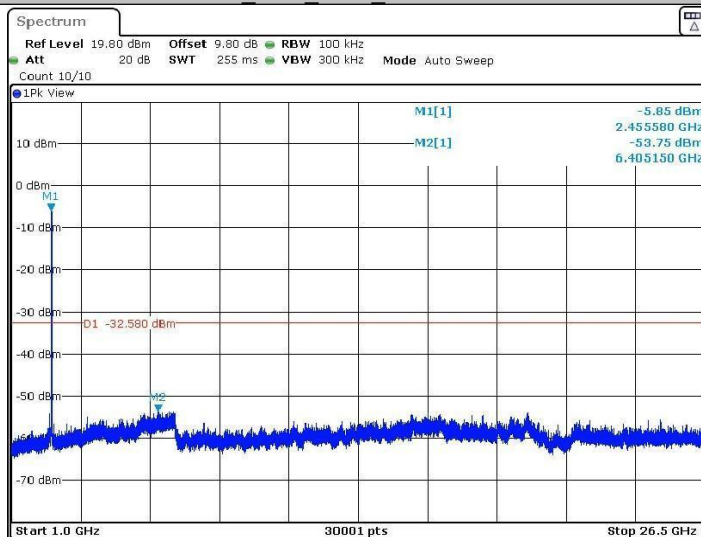
Date: 9.MAR.2022 01:43:07

11G_Ant1_2462_30~1000



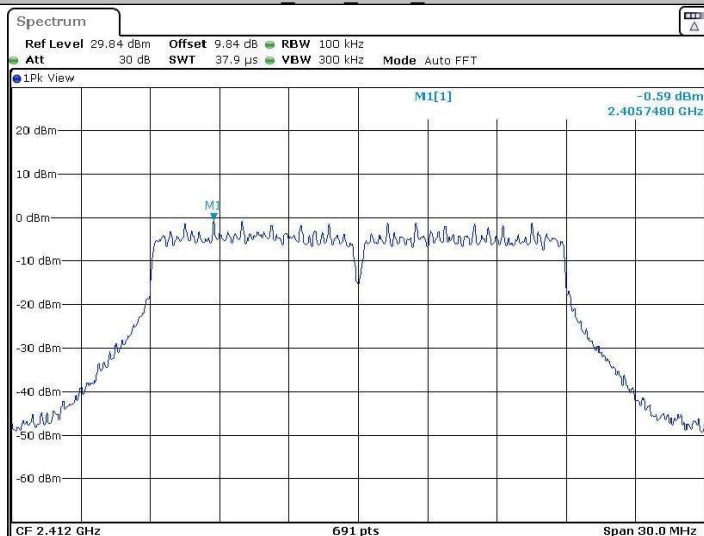
Date: 9.MAR.2022 01:43:12

11G_Ant1_2462_1000~26500



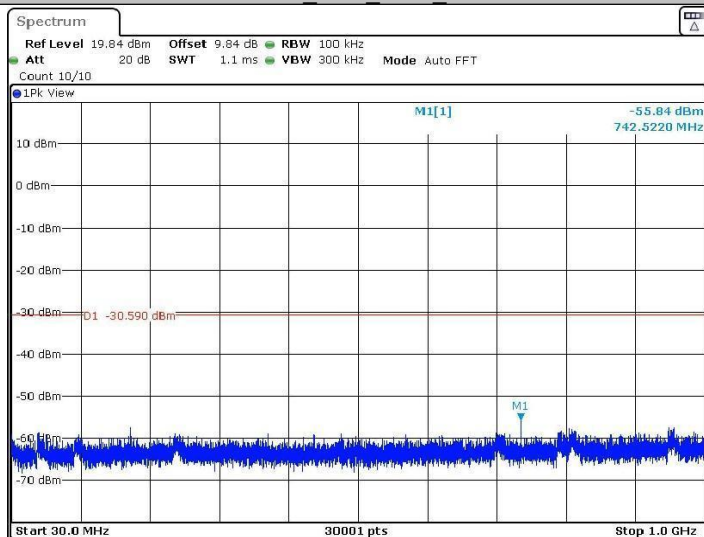
Date: 9.MAR.2022 01:43:33

11N20SISO_Ant1_2412_0~Reference



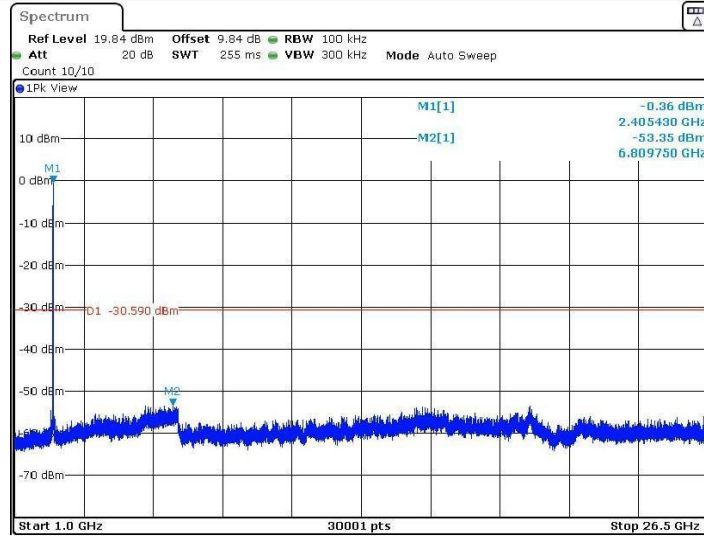
Date: 9.MAR.2022 01:47:51

11N20SISO_Ant1_2412_30~1000



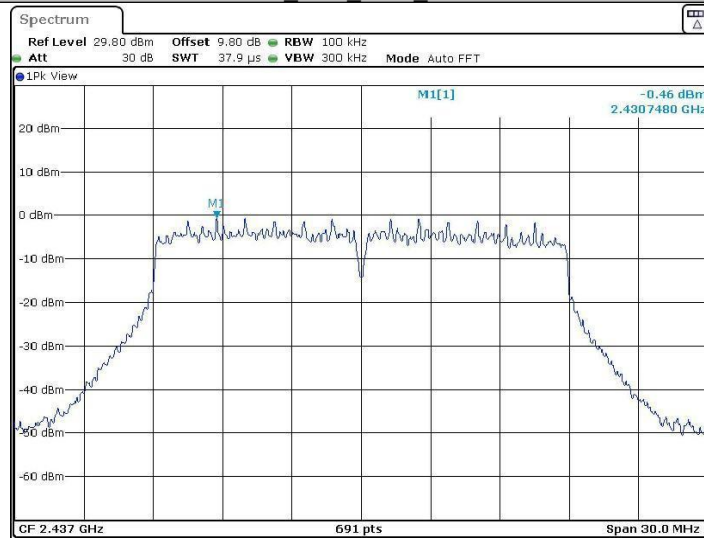
Date: 9.MAR.2022 01:47:55

11N20SISO_Ant1_2412_1000~26500



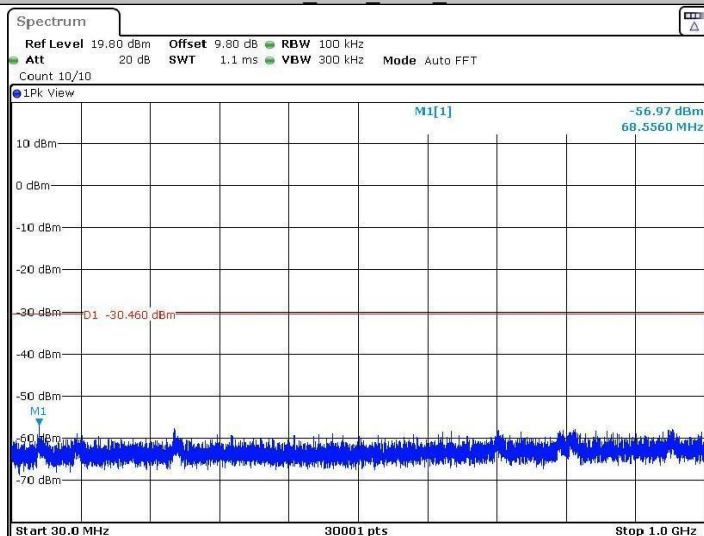
Date: 9.MAR.2022 01:48:17

11N20SISO_Ant1_2437_0~Reference



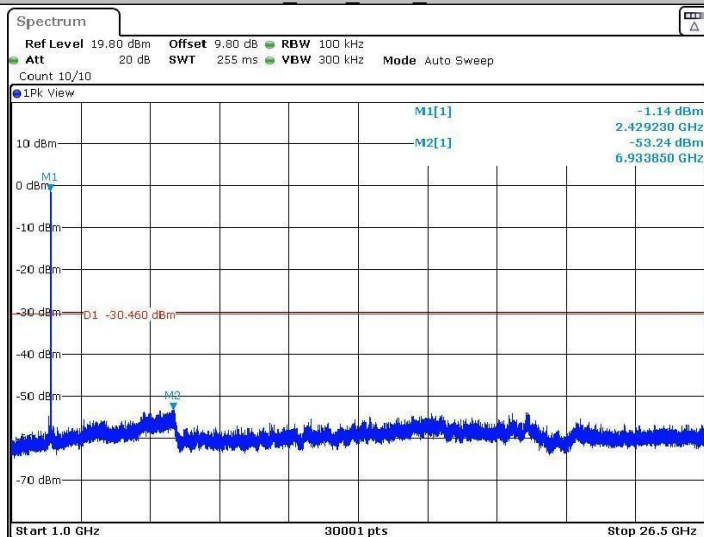
Date: 9.MAR.2022 01:49:36

11N20SISO_Ant1_2437_30~1000



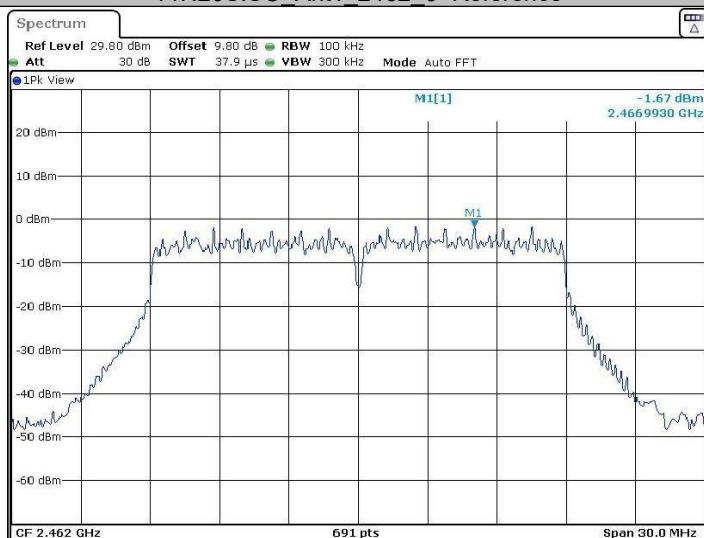
Date: 9.MAR.2022 01:49:40

11N20SISO_Ant1_2437_1000~26500



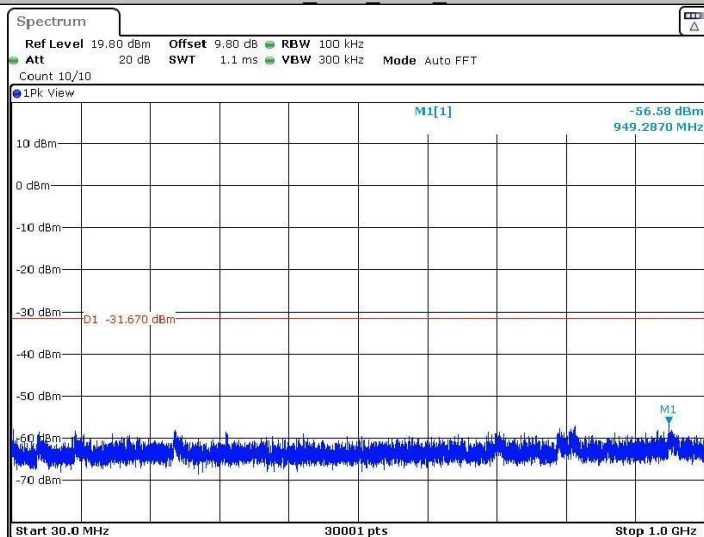
Date: 9.MAR.2022 01:50:02

11N20SISO_Ant1_2462_0~Reference



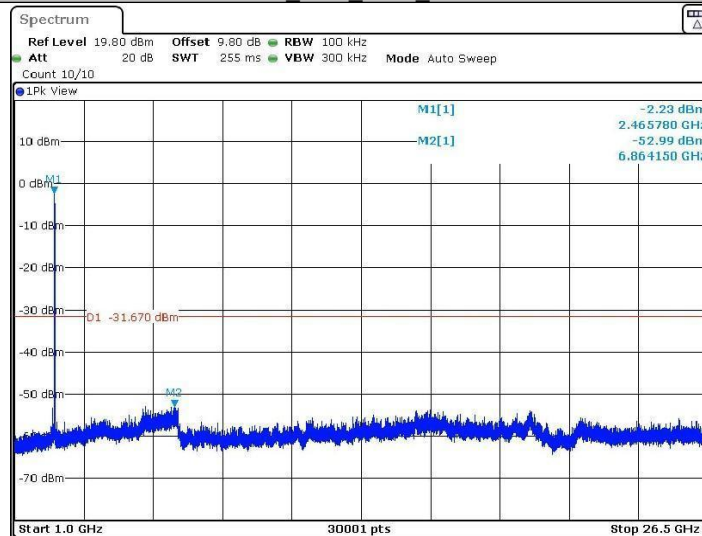
Date: 9.MAR.2022 01:53:38

11N20SISO_Ant1_2462_30~1000



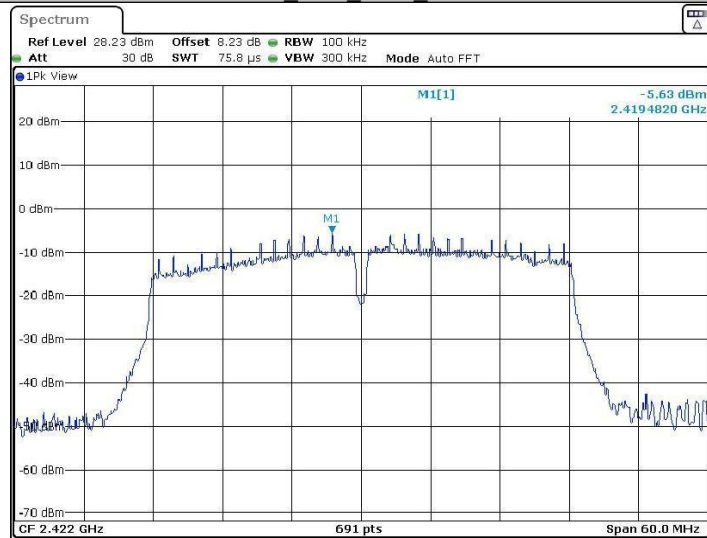
Date: 9.MAR.2022 01:53:42

11N20SISO_Ant1_2462_1000~26500



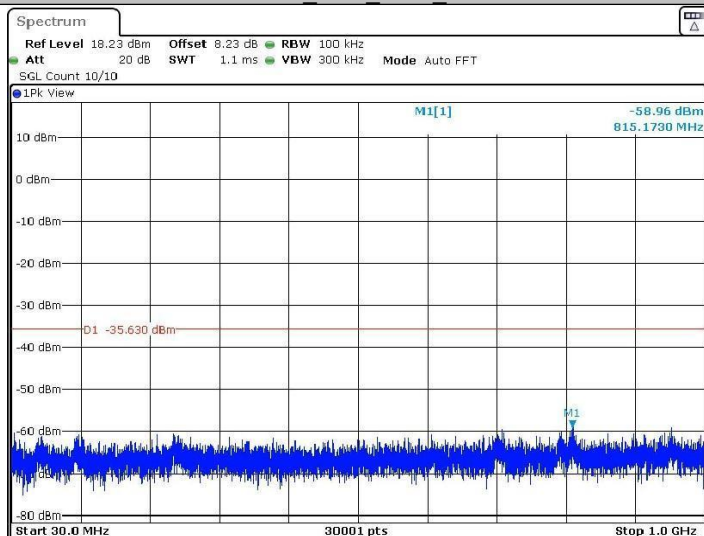
Date: 9.MAR.2022 01:54:04

11N40SISO_Ant1_2422_0~Reference



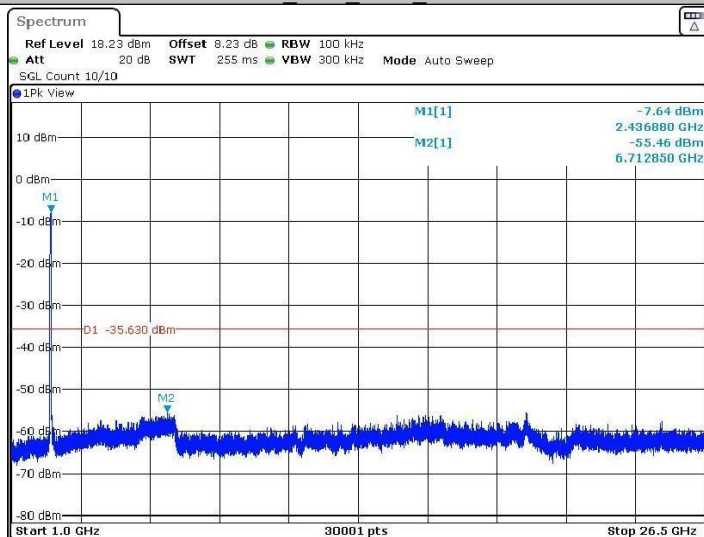
Date: 19.SEP.2022 08:13:00

11N40SISO_Ant1_2422_30~1000



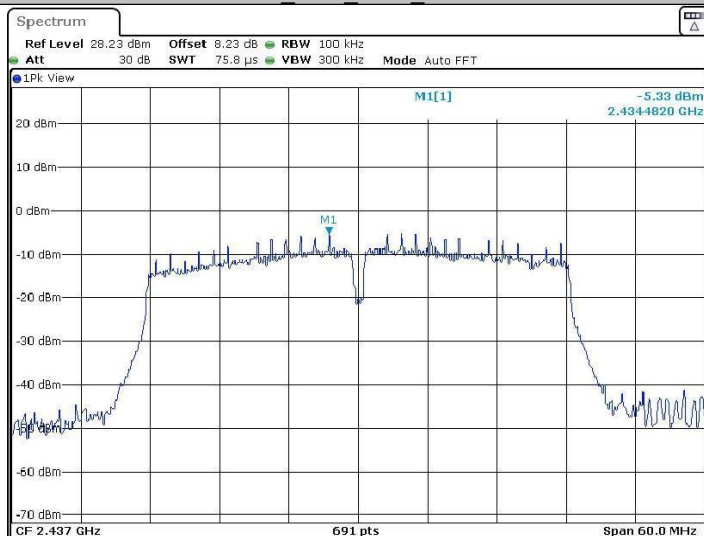
Date: 19 SEP 2022 08:13:04

11N40SISO_Ant1_2422_1000~26500



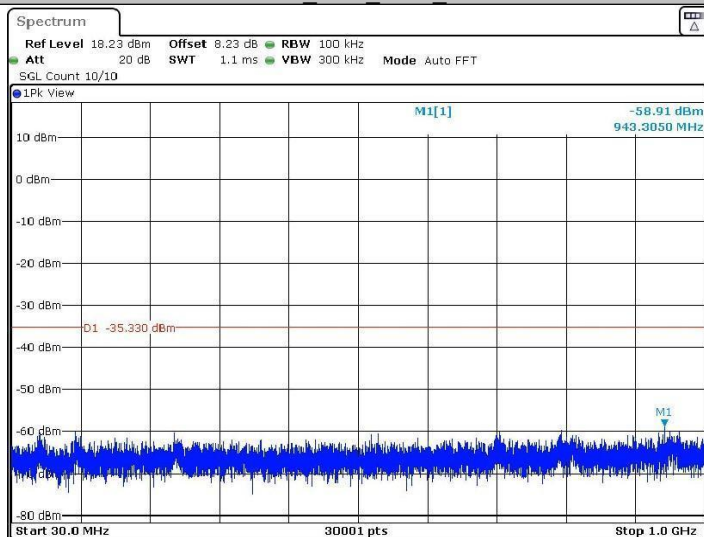
Date: 19 SEP 2022 08:13:27

11N40SISO_Ant1_2437_0~Reference



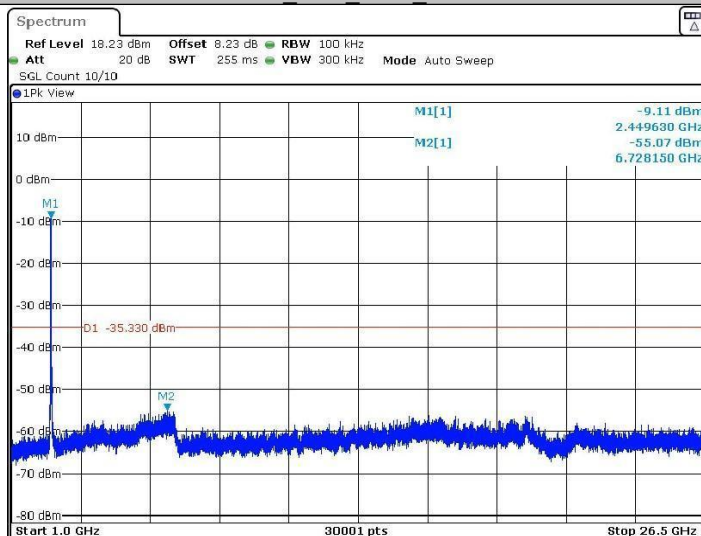
Date: 19 SEP 2022 08:15:37

11N40SISO_Ant1_2437_30~1000



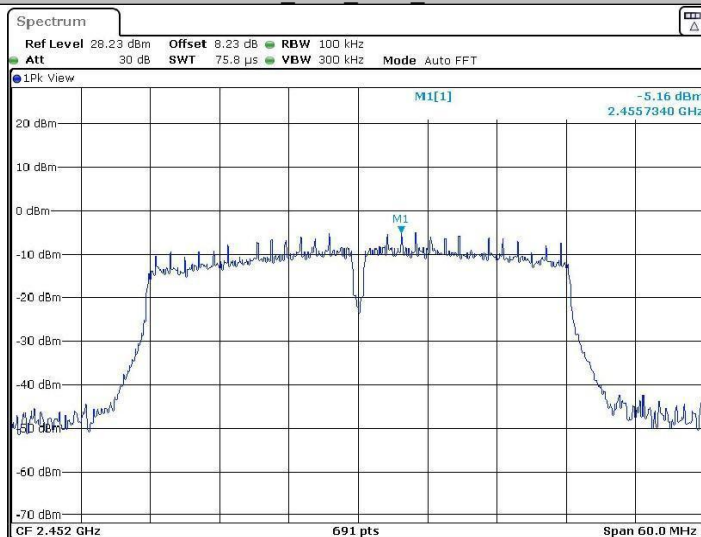
Date: 19 SEP 2022 08:15:41

11N40SISO Ant1 2437 1000~26500



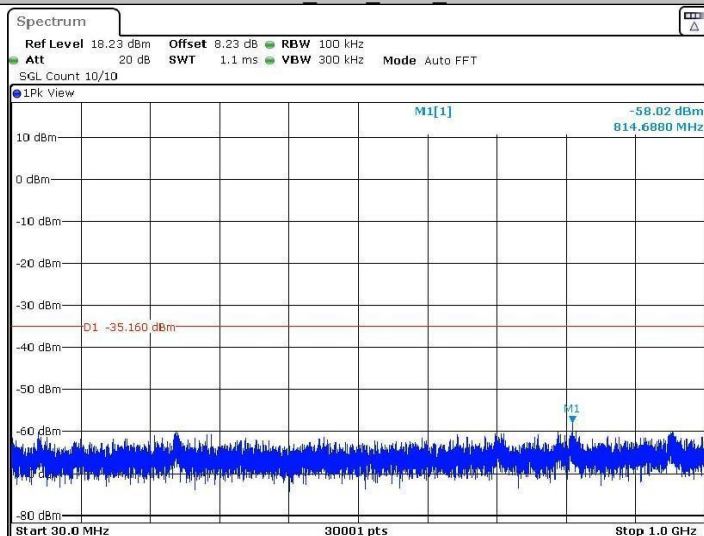
Date: 19 SEP 2022 08:16:04

11N40SISO Ant1 2452 0~Reference



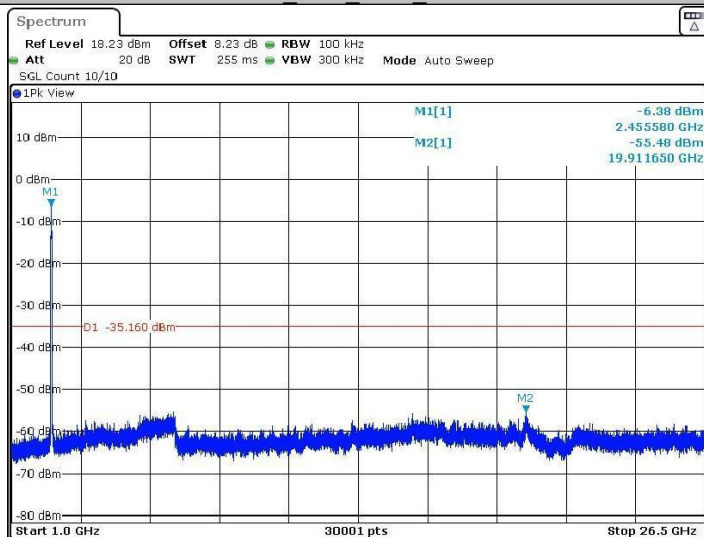
Date: 19 SEP 2022 08:18:59

11N40SISO_Ant1_2452_30~1000



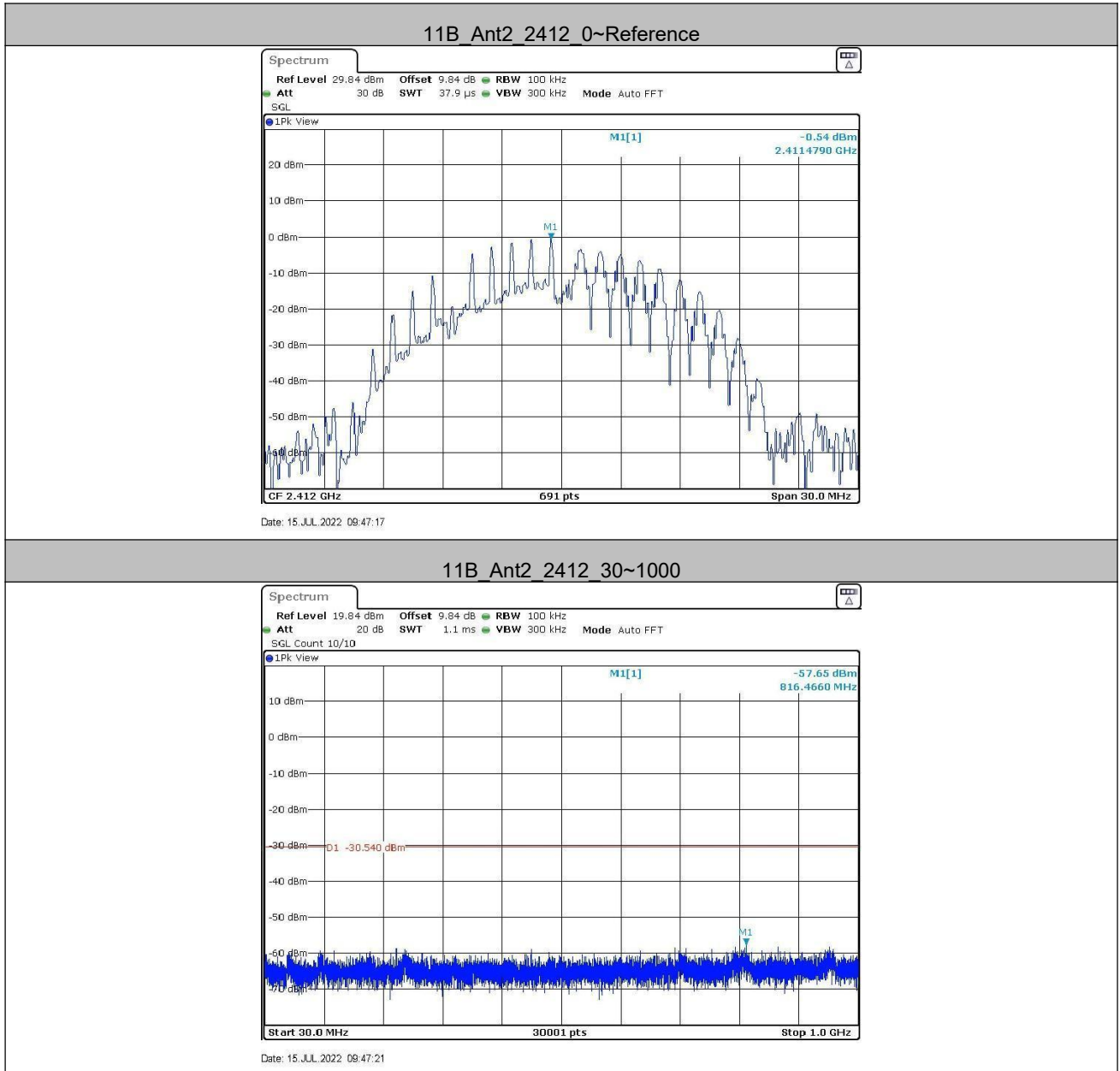
Date: 19 SEP 2022 08:19:03

11N40SISO_Ant1_2452_1000~26500

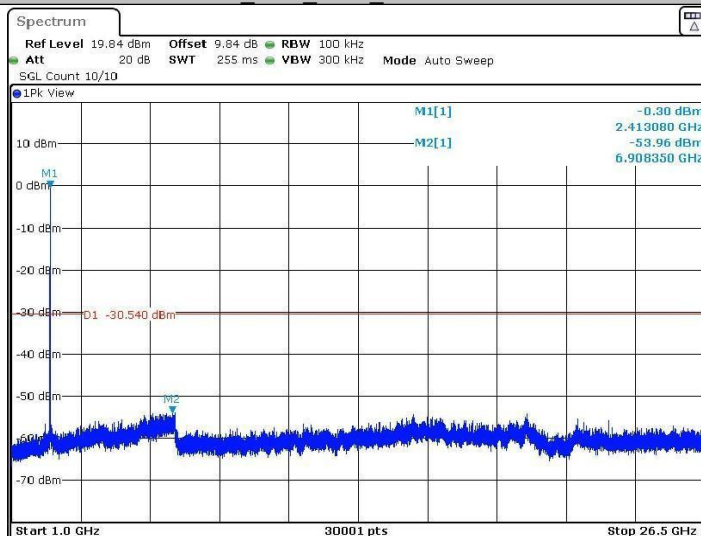


Date: 19 SEP 2022 08:19:25

ANT 2:

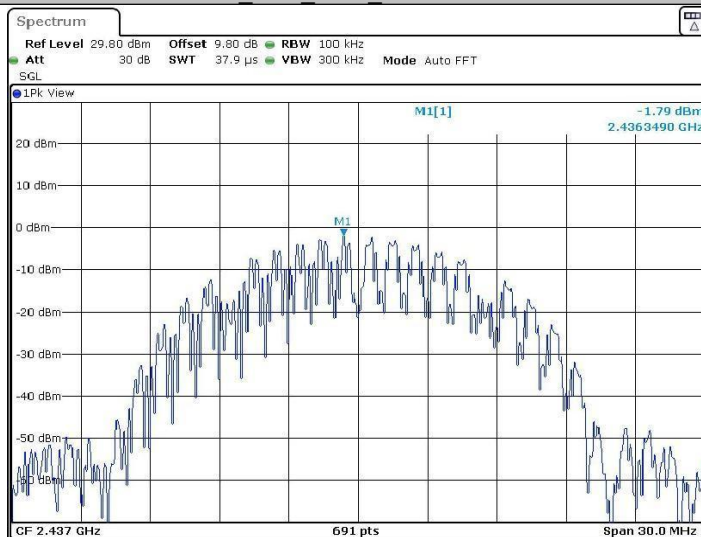


11B_Ant2_2412_1000~26500



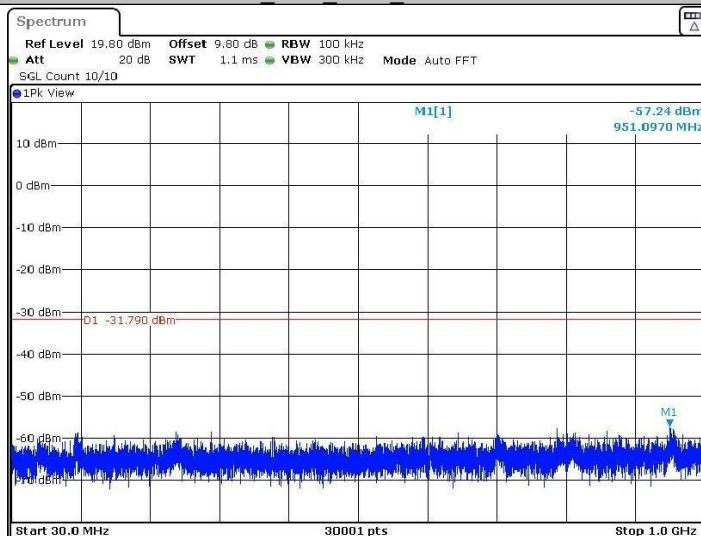
Date: 15 JUL 2022 09:47:44

11B_Ant2_2437_0~Reference



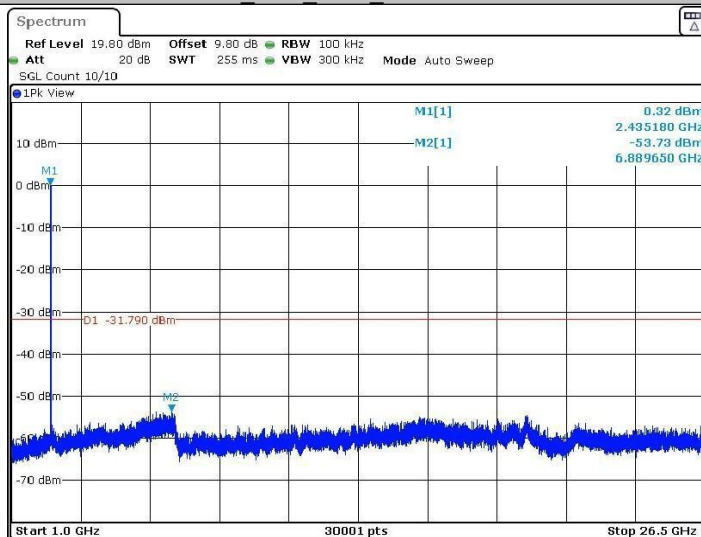
Date: 15 JUL 2022 09:49:27

11B_Ant2_2437_30~1000



Date: 15 JUL 2022 09:49:32

11B_Ant2_2437_1000~26500



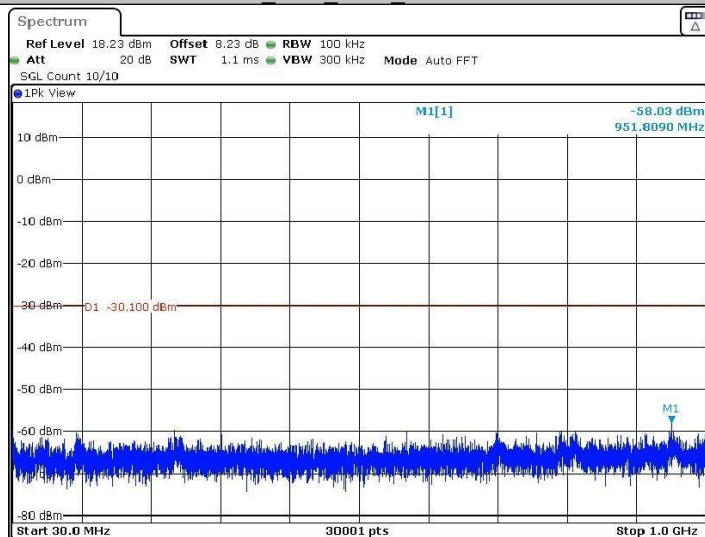
Date: 15 JUL 2022 09:49:54

11B_Ant2_2462_0~Reference



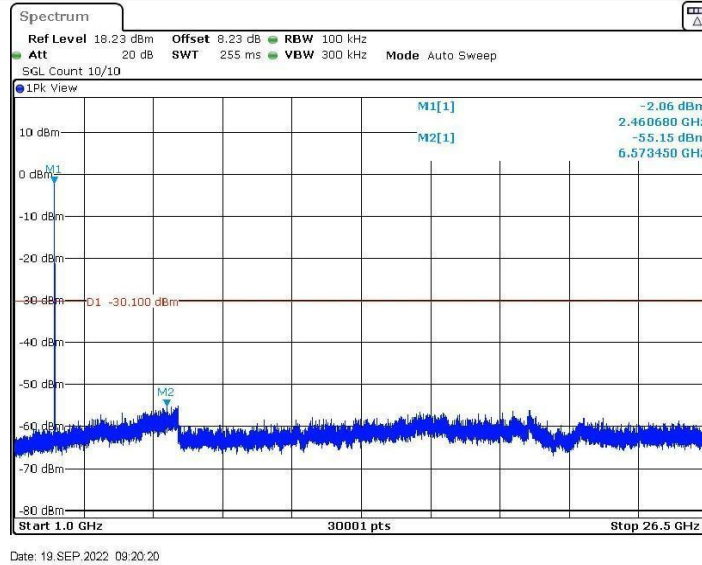
Date: 19 SEP 2022 09:19:53

11B_Ant2_2462_30~1000

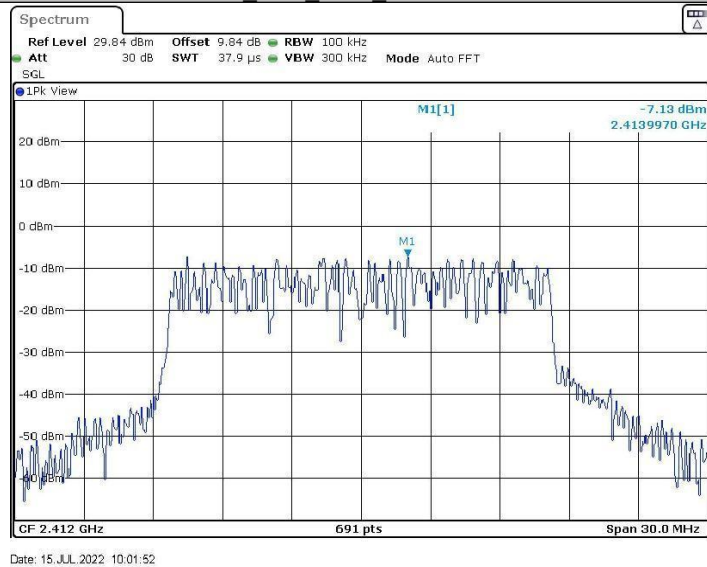


Date: 19 SEP 2022 09:19:57

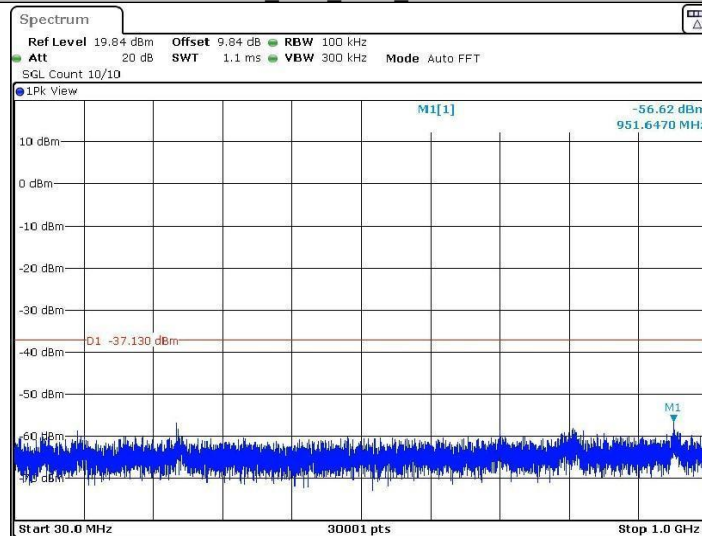
11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference

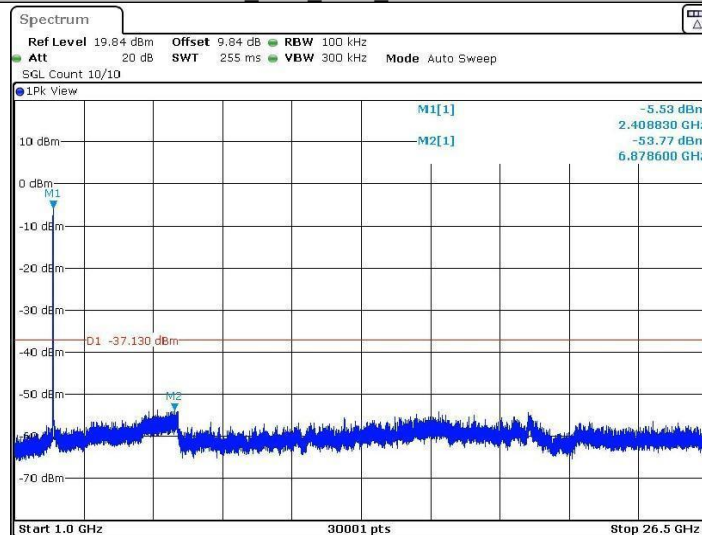


11G_Ant2_2412_30~1000



Date: 15 JUL 2022 10:01:56

11G_Ant2_2412_1000~26500



Date: 15 JUL 2022 10:02:18