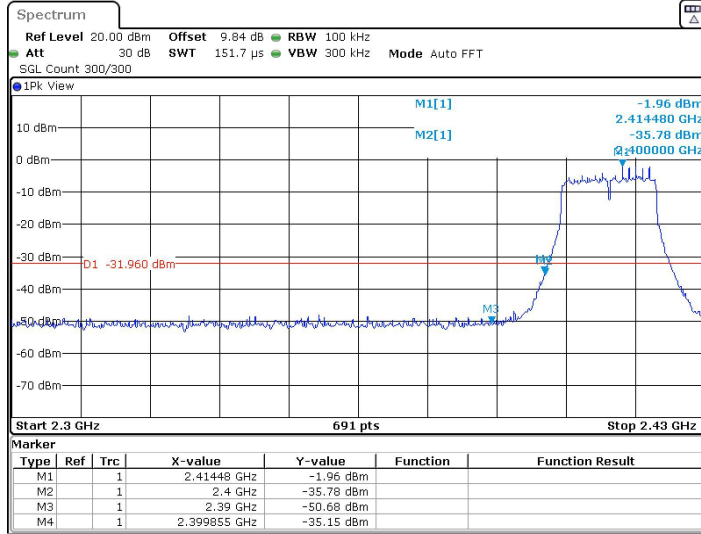
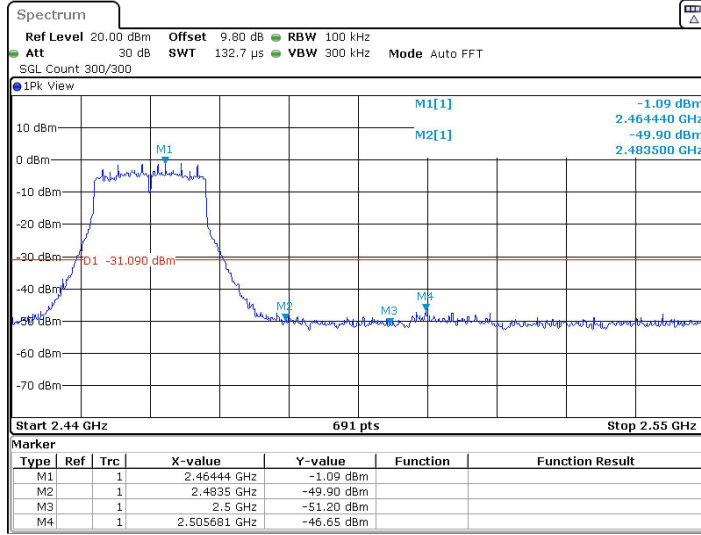


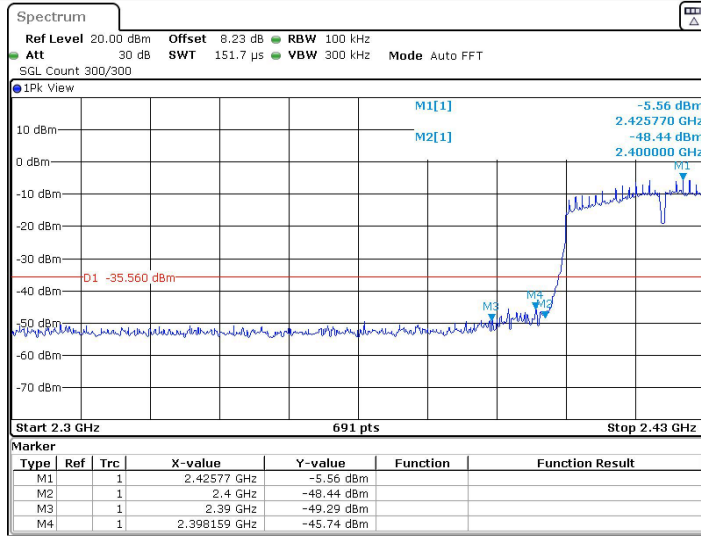
11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462

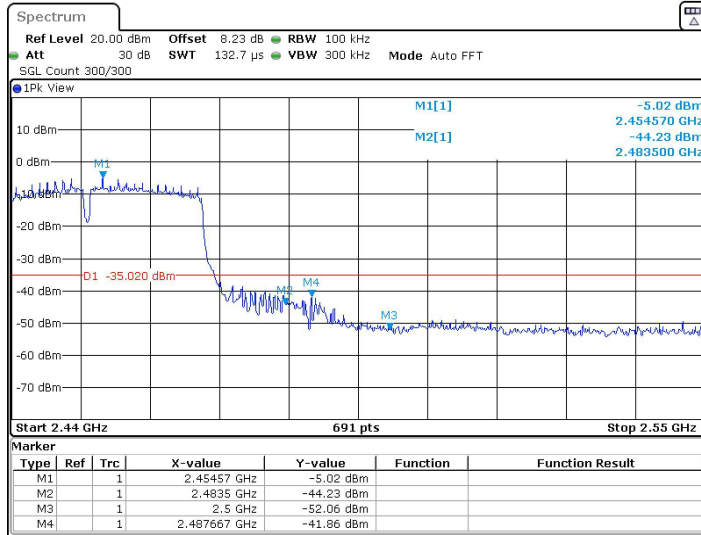


11N40SISO_Ant2_Low_2422



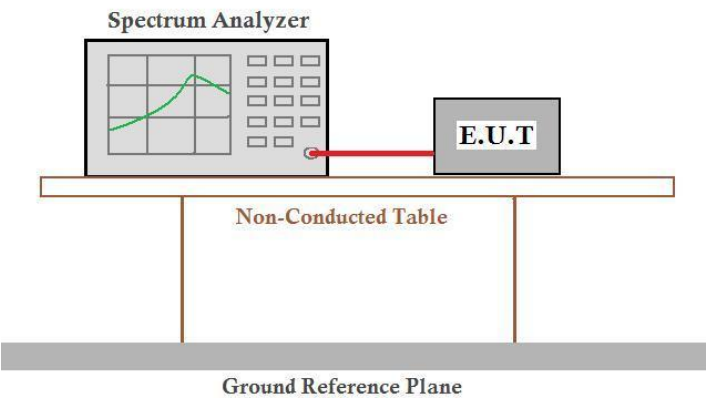
Date: 19 SEP.2022 09:07:46

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:	 <p>The diagram illustrates the test setup for RF conducted spurious emissions. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table, which is supported by two vertical legs. Below the table is a Ground Reference Plane, represented by a thick grey bar.</p> <p>Offset=cable loss+ attenuation factor</p>
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

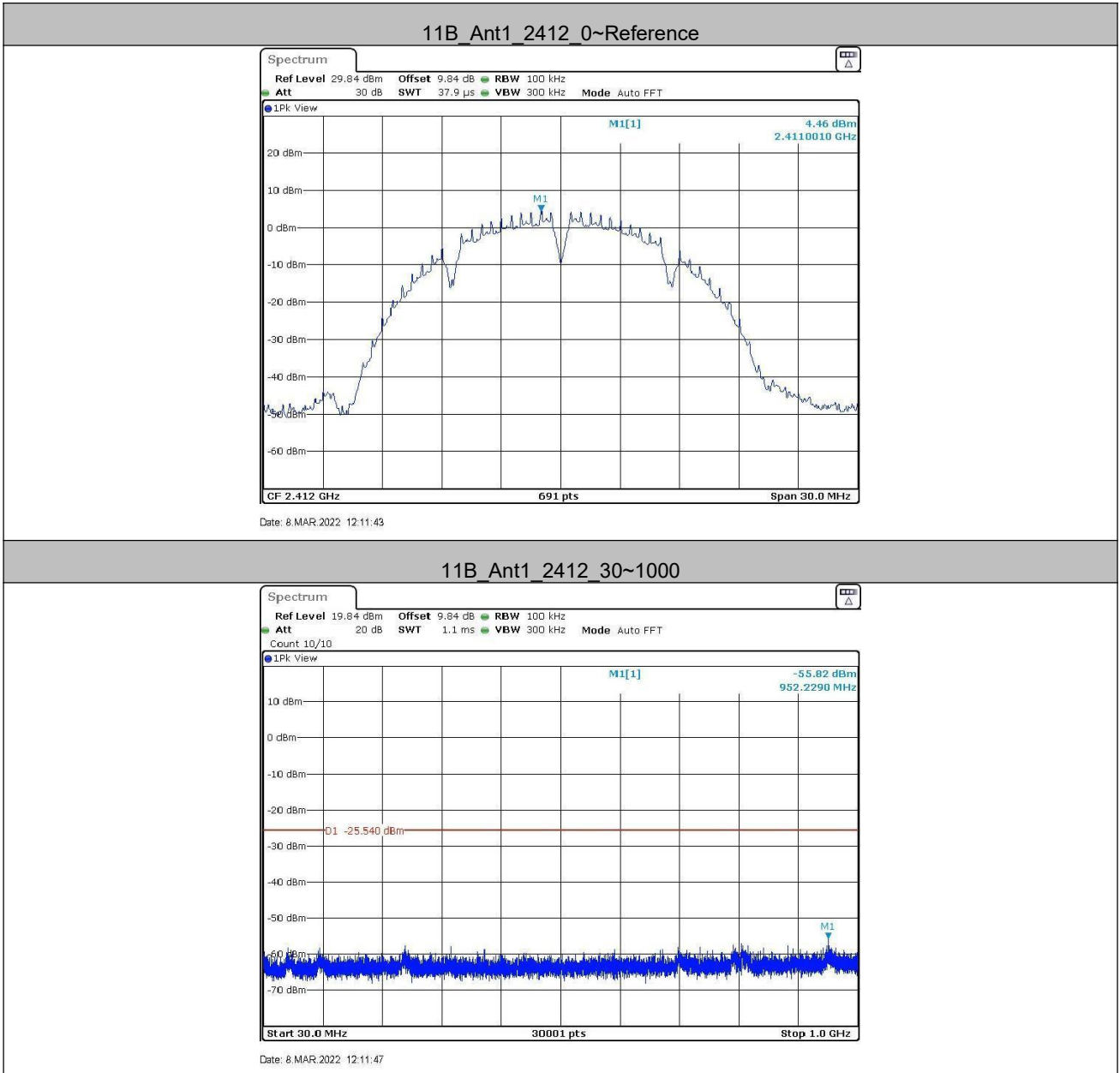
ANT 2:

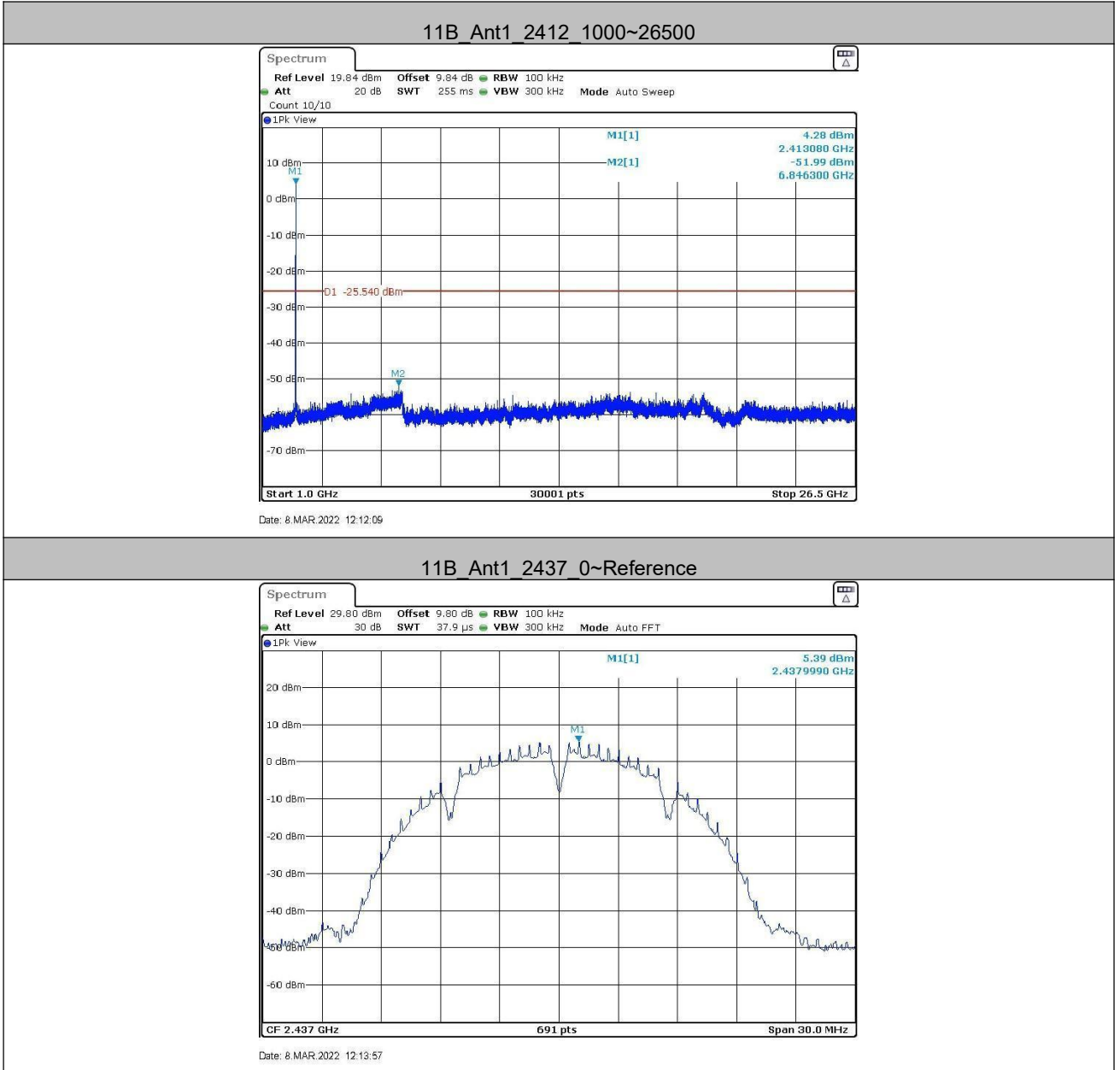
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	-0.54	-0.54	---	PASS
			30~1000	-0.54	-57.65	≤-30.54	PASS
			1000~26500	-0.54	-53.96	≤-30.54	PASS
		2437	Reference	-1.79	-1.79	---	PASS
			30~1000	-1.79	-57.24	≤-31.79	PASS
			1000~26500	-1.79	-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

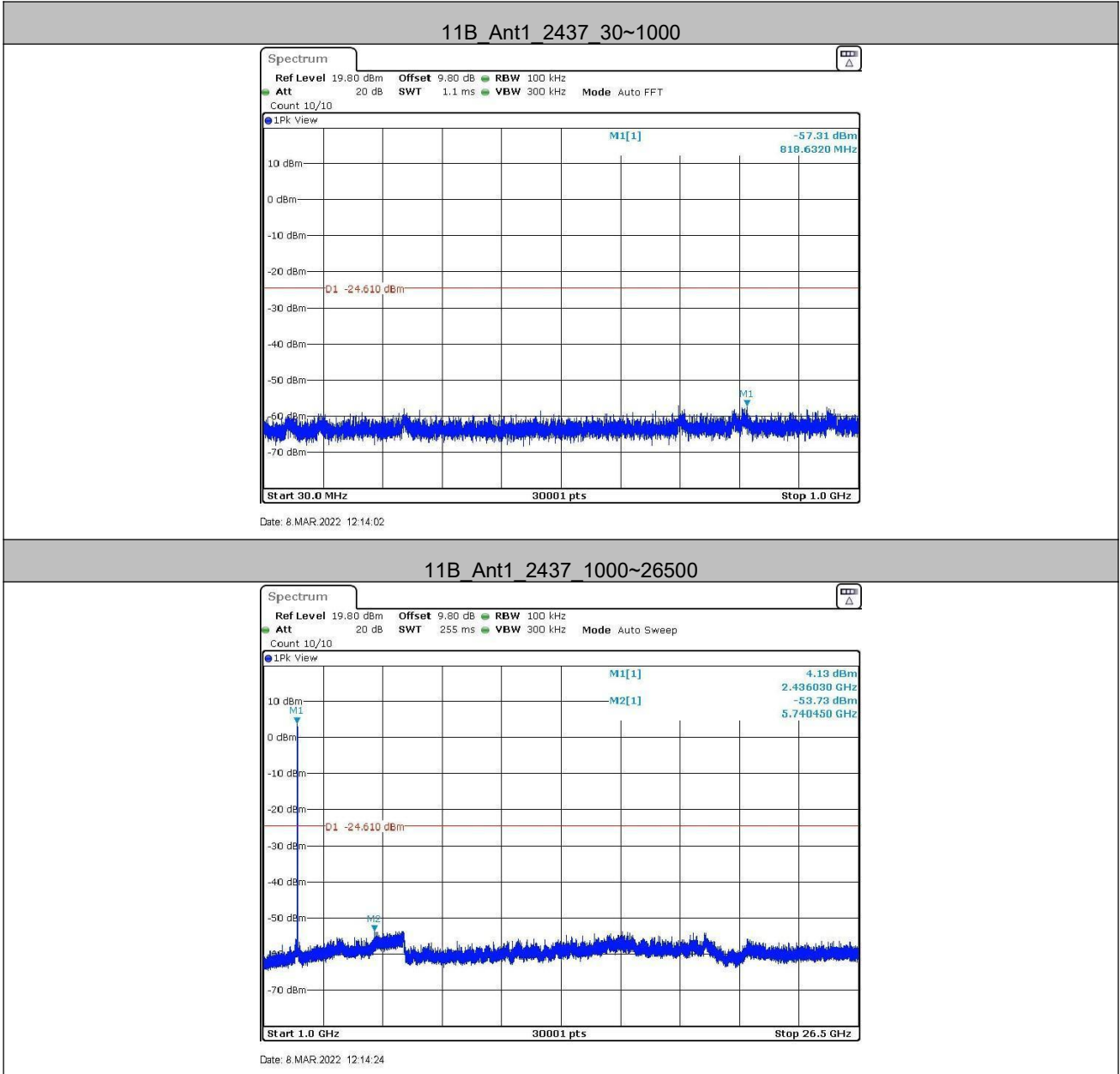
		2437	Reference	-5.26	-5.26	---	PASS
			30~1000	-5.26	-58.87	≤ -35.26	PASS
			1000~26500	-5.26	-55.3	≤ -35.26	PASS
		2452	Reference	-4.15	-4.15	---	PASS
			30~1000	-4.15	-59.31	≤ -34.15	PASS
			1000~26500	-4.15	-55.48	≤ -34.15	PASS

Test Graphs

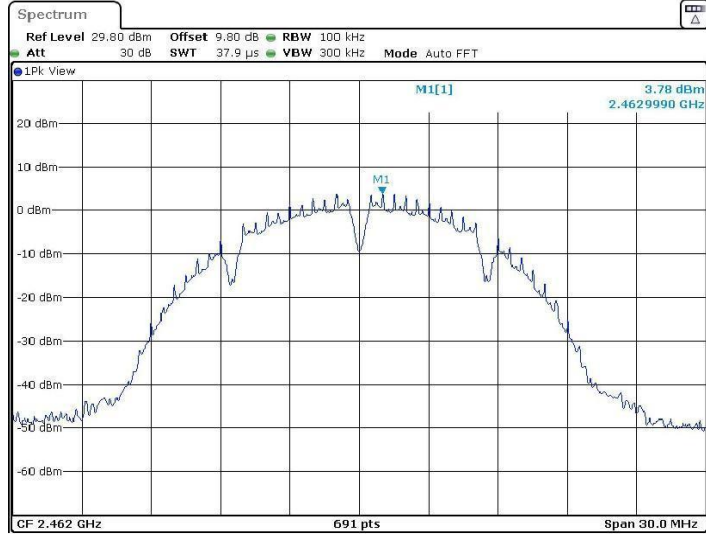
ANT 1:





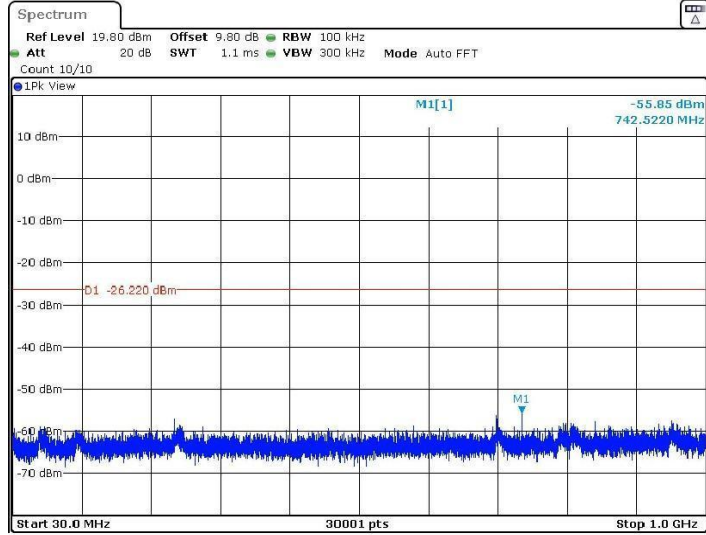


11B_Ant1_2462_0~Reference



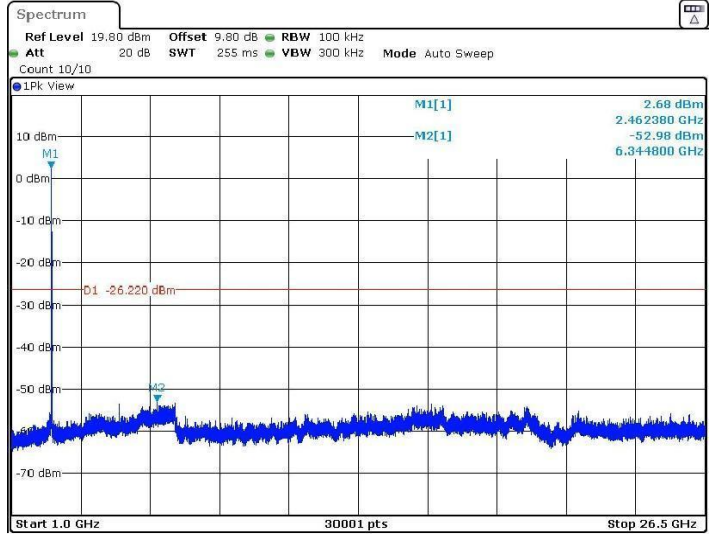
Date: 9.MAR.2022 01:27:44

11B_Ant1_2462_30~1000



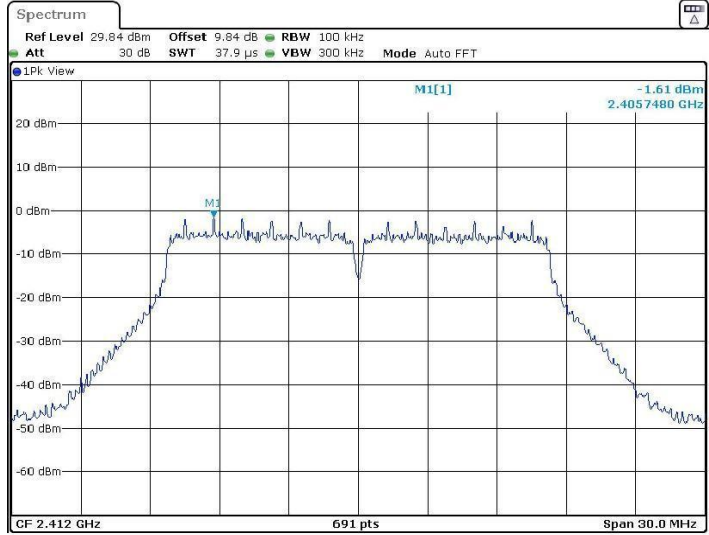
Date: 9.MAR.2022 01:27:48

11B_Ant1_2462_1000~26500

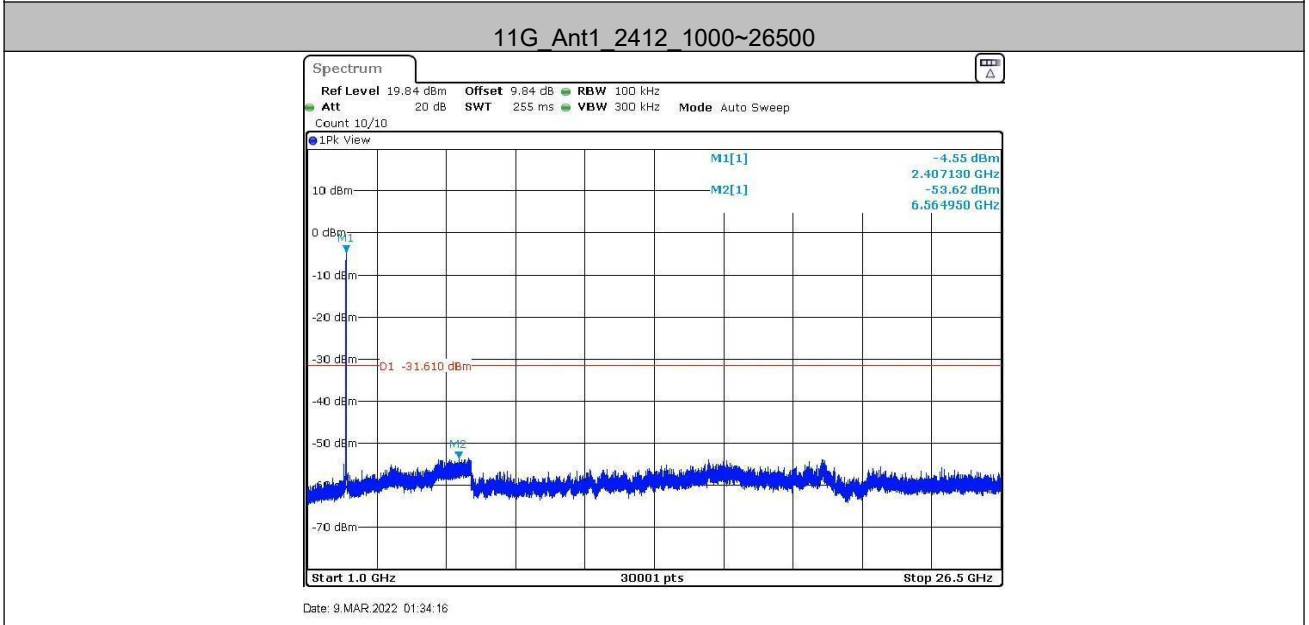
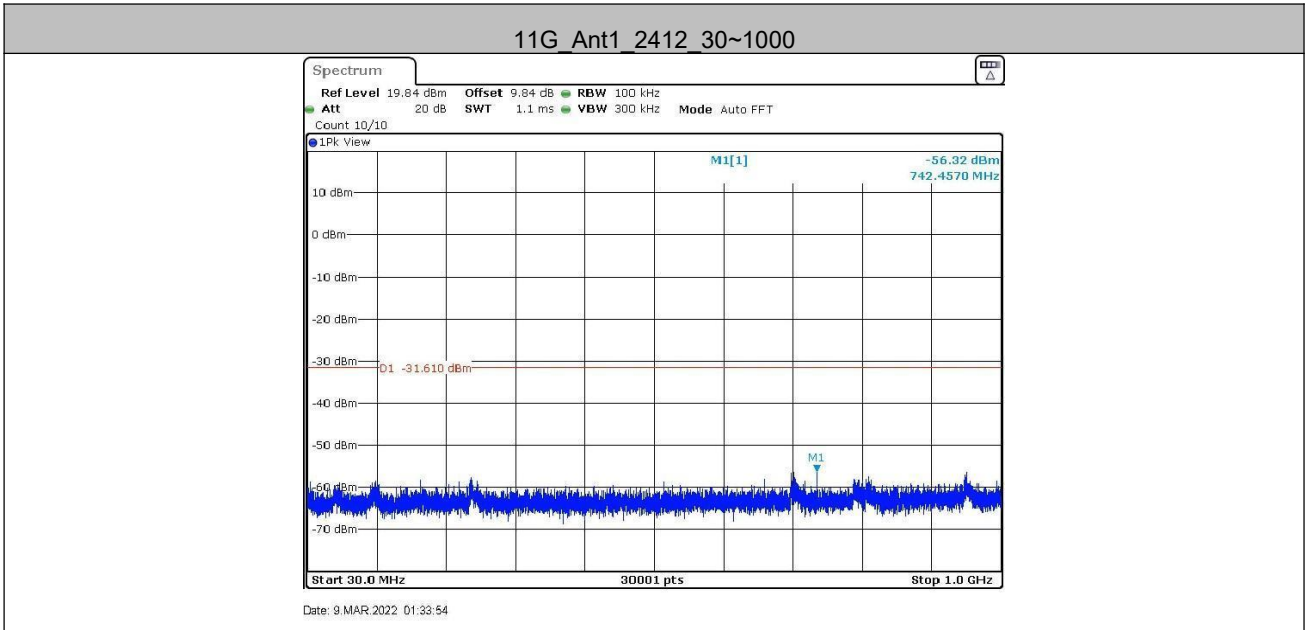


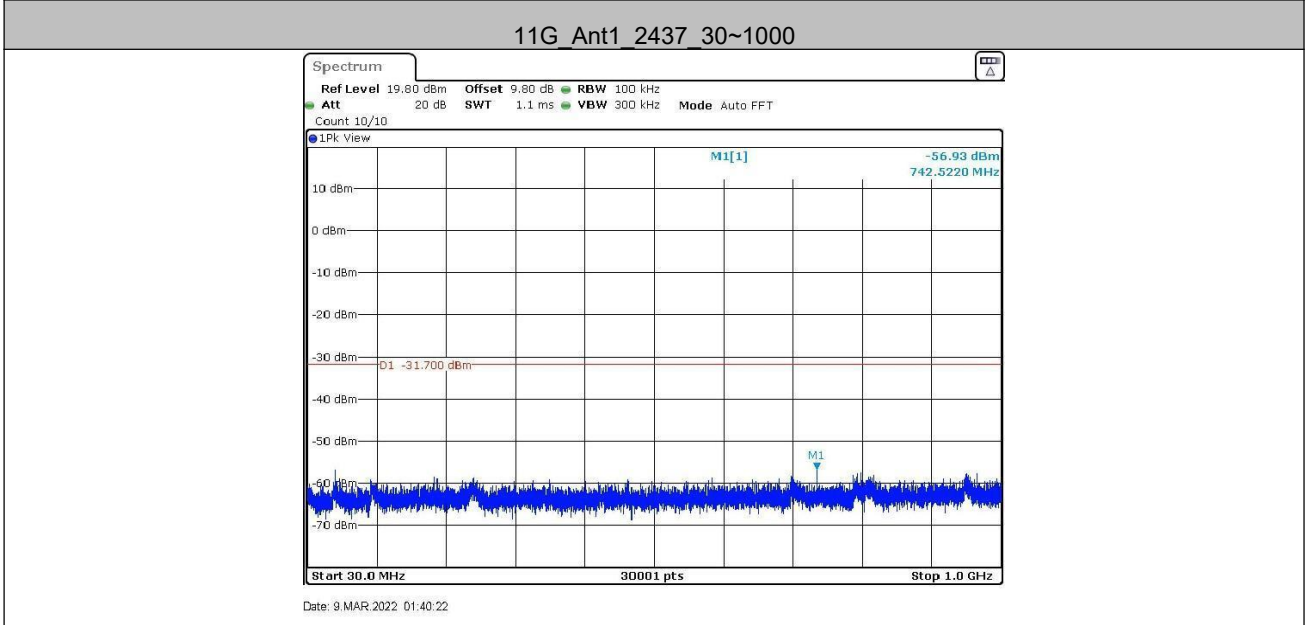
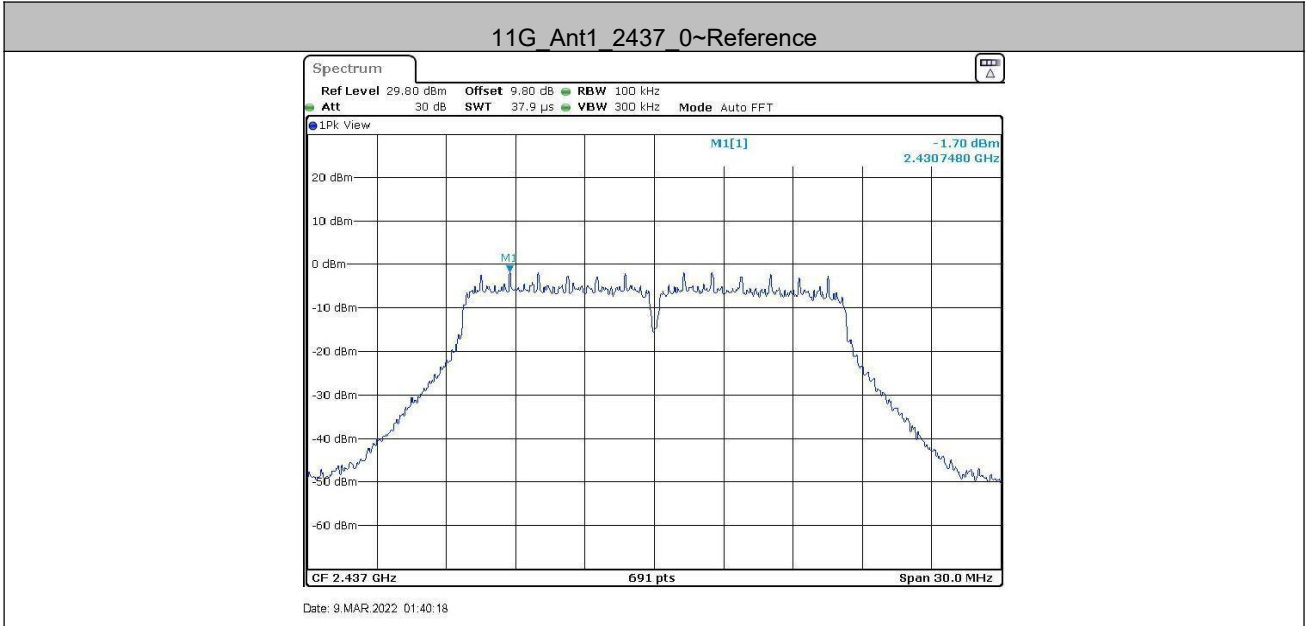
Date: 9.MAR.2022 01:28:10

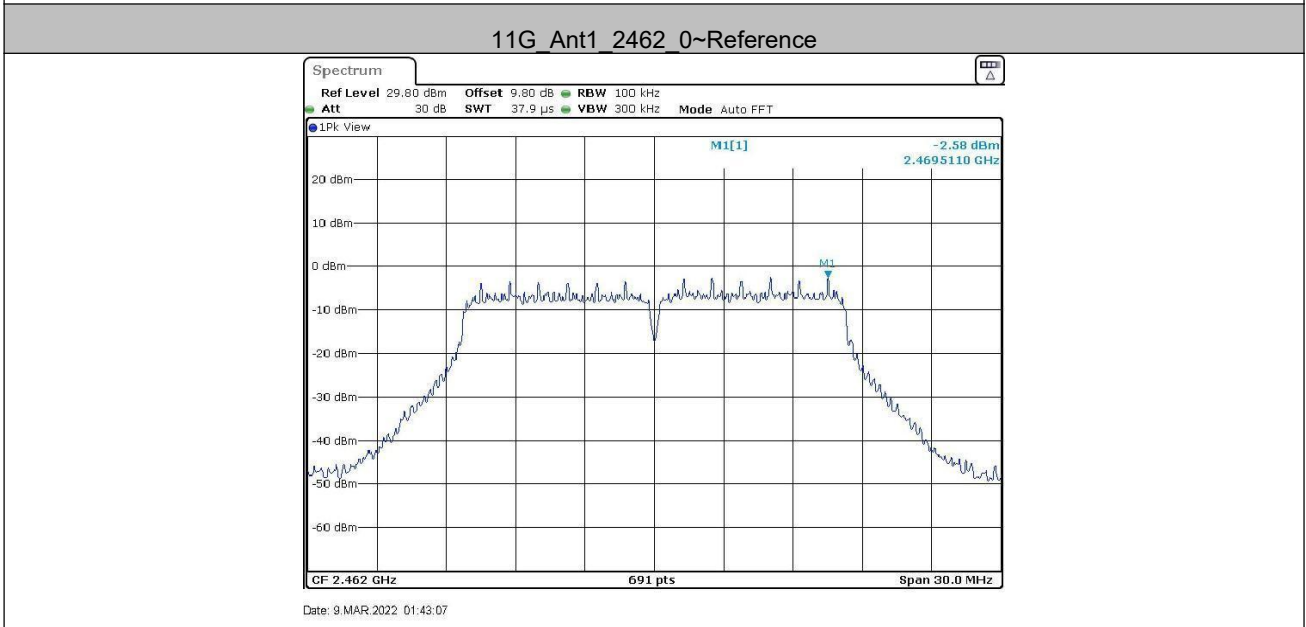
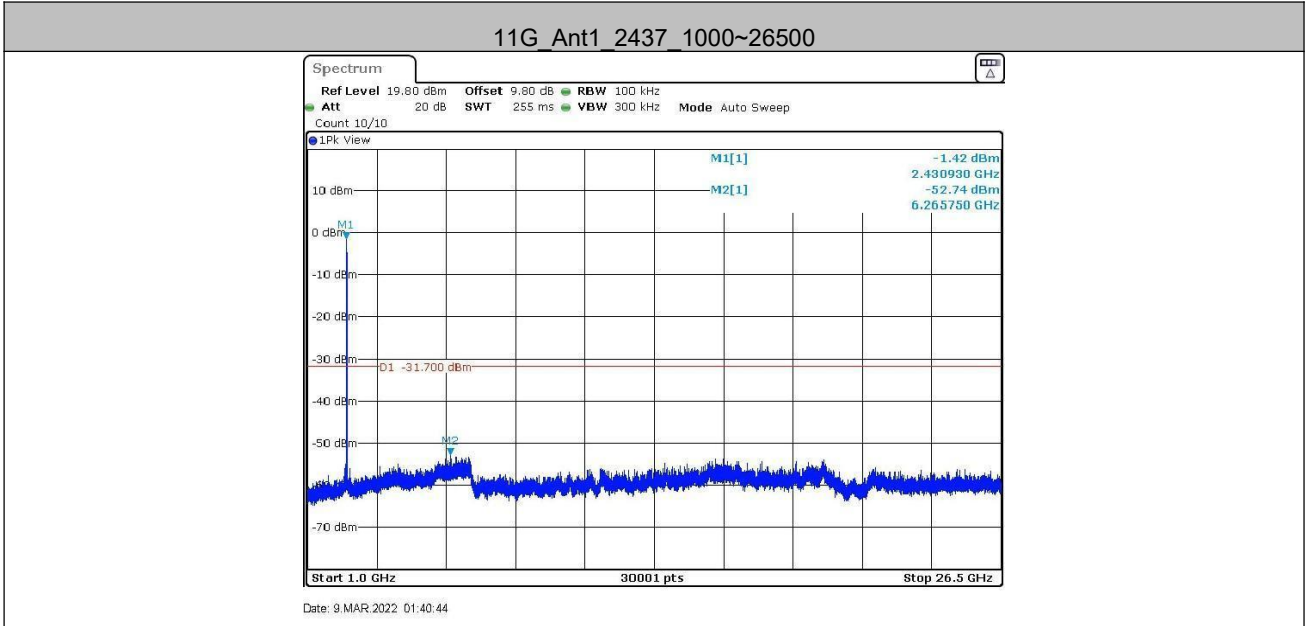
11G_Ant1_2412_0~Reference



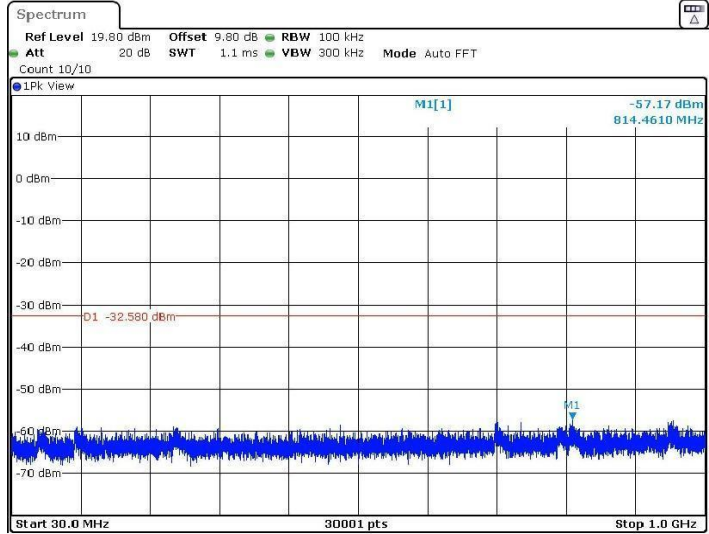
Date: 9.MAR.2022 01:33:50





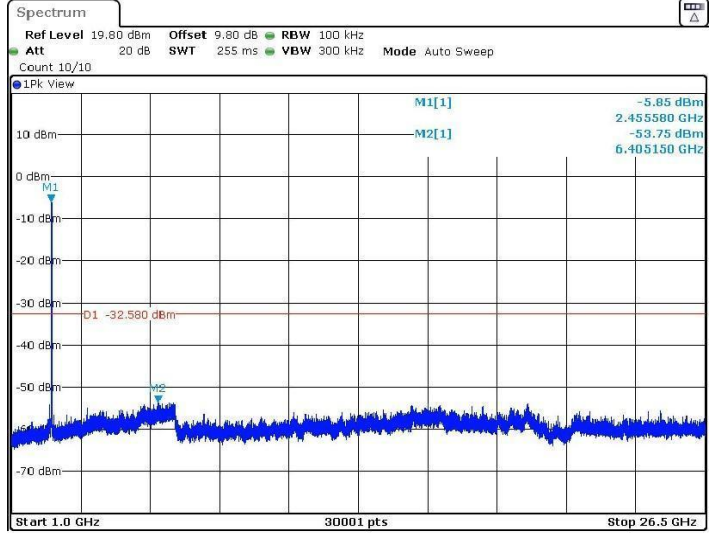


11G Ant1_2462_30~1000

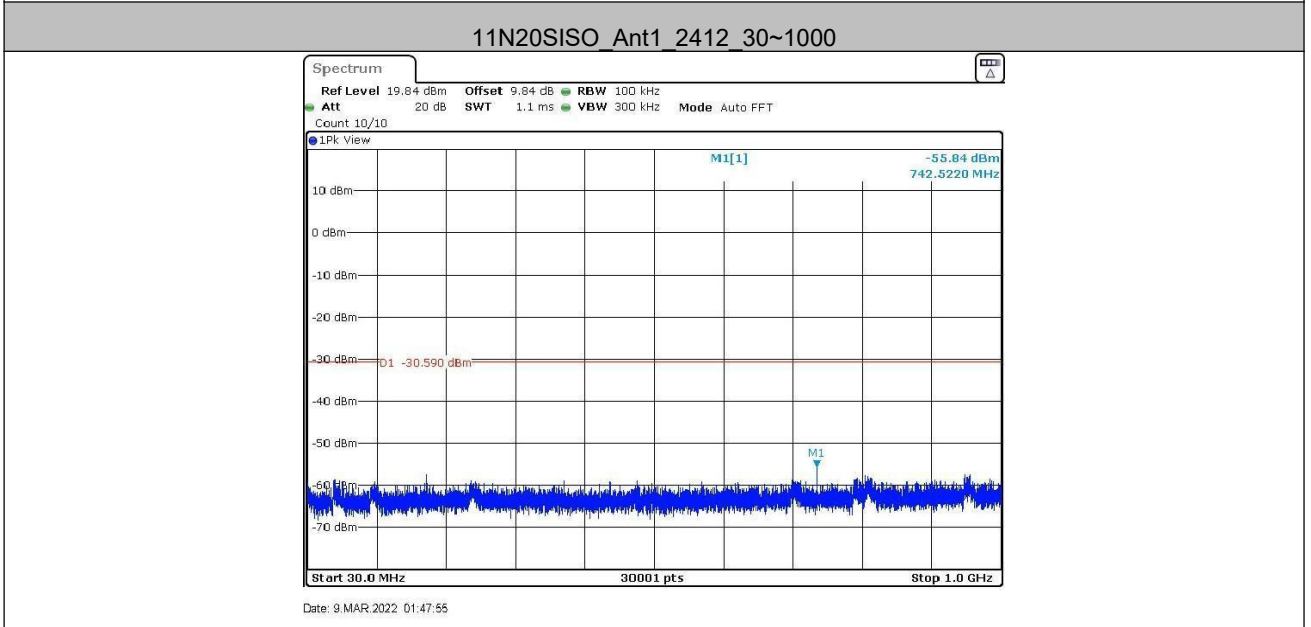
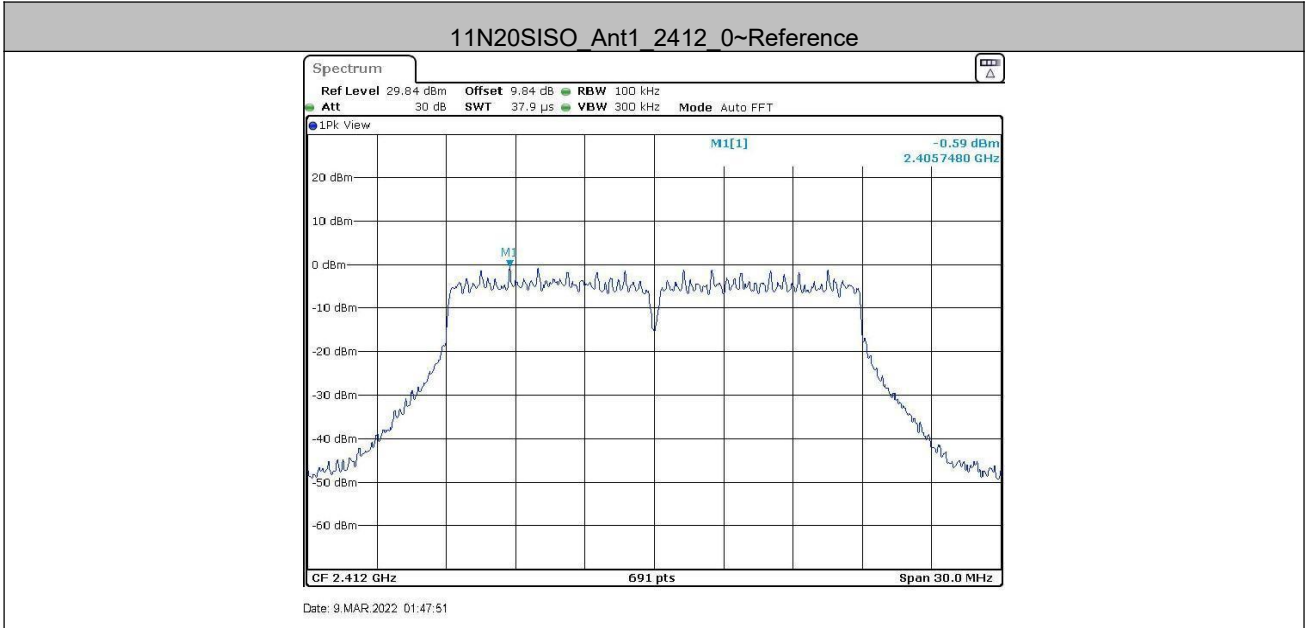


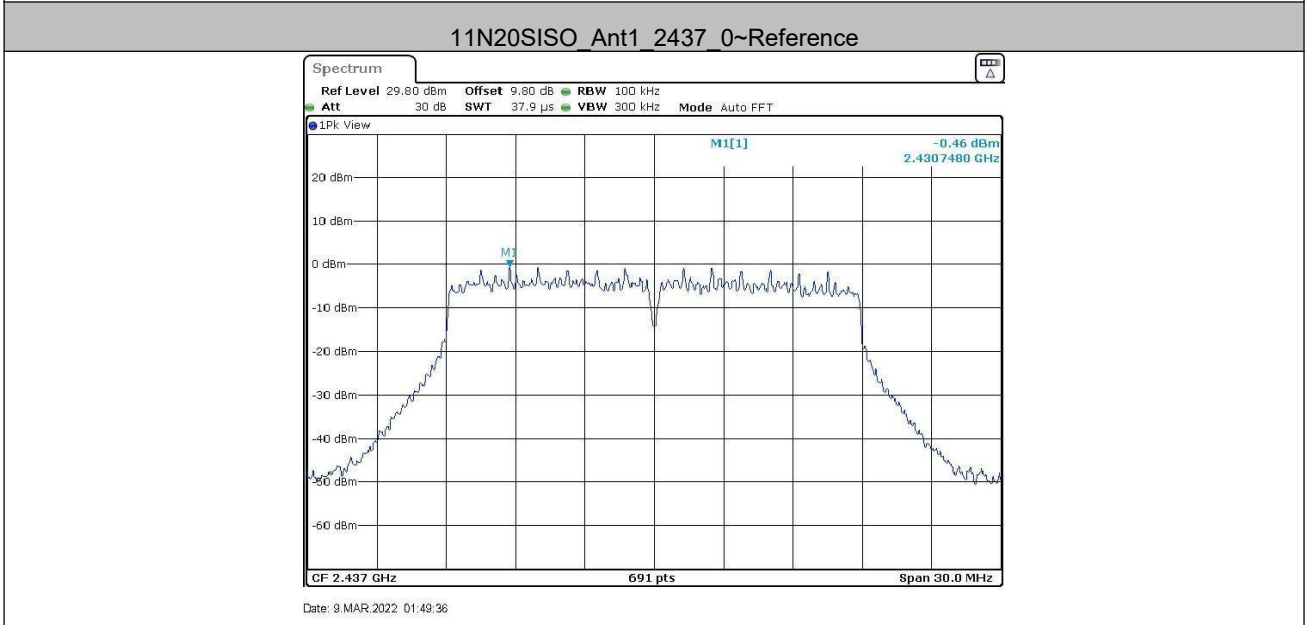
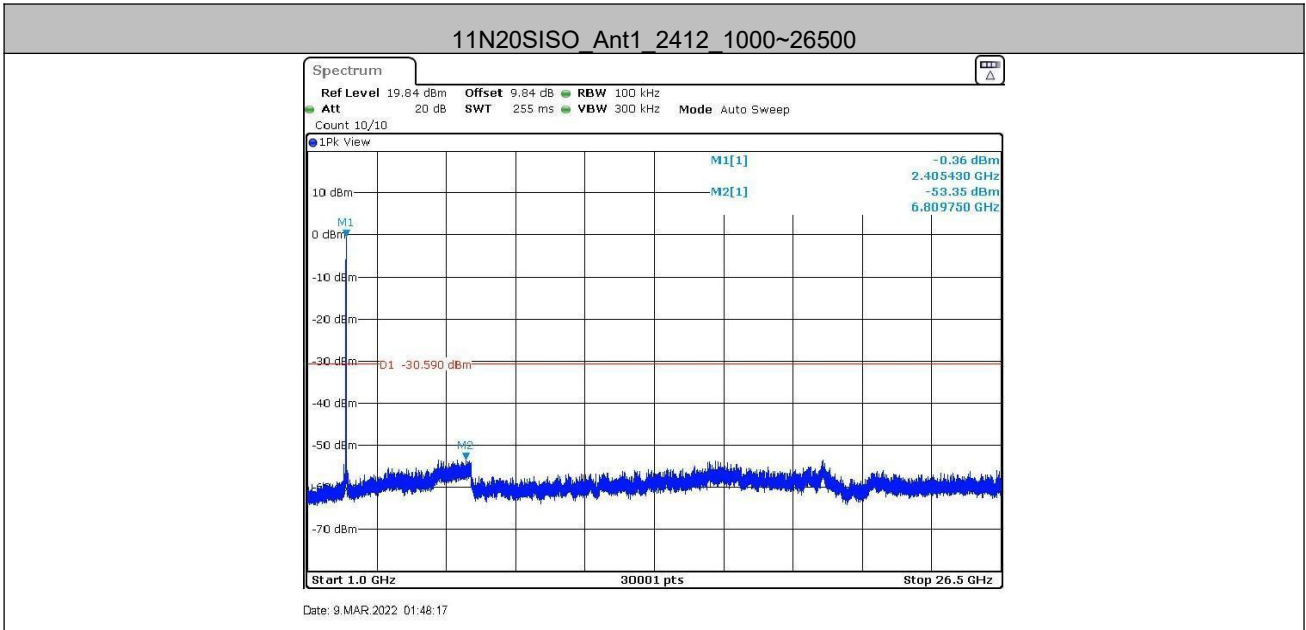
Date: 9.MAR.2022 01:43:12

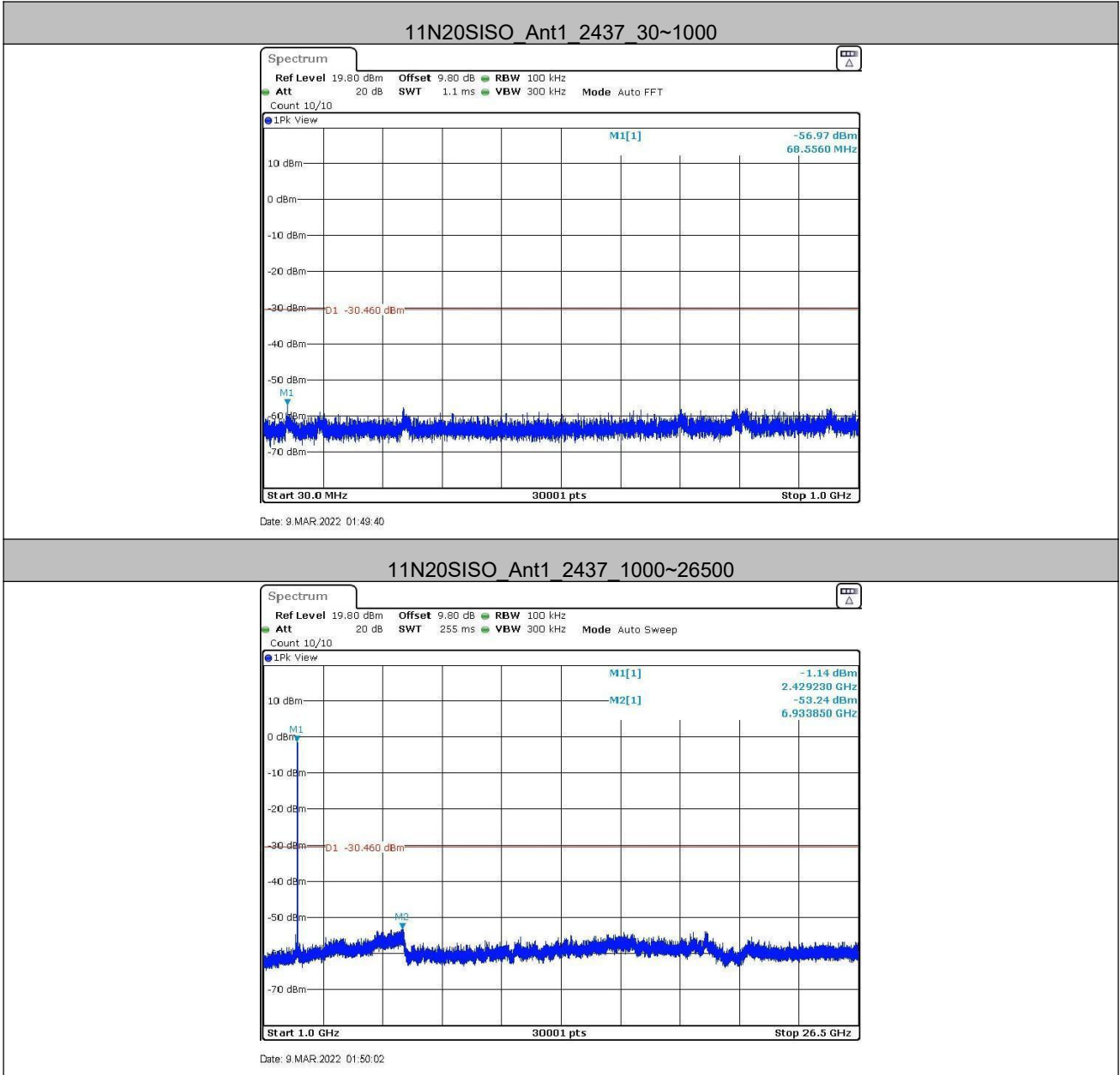
11G Ant1_2462_1000~26500

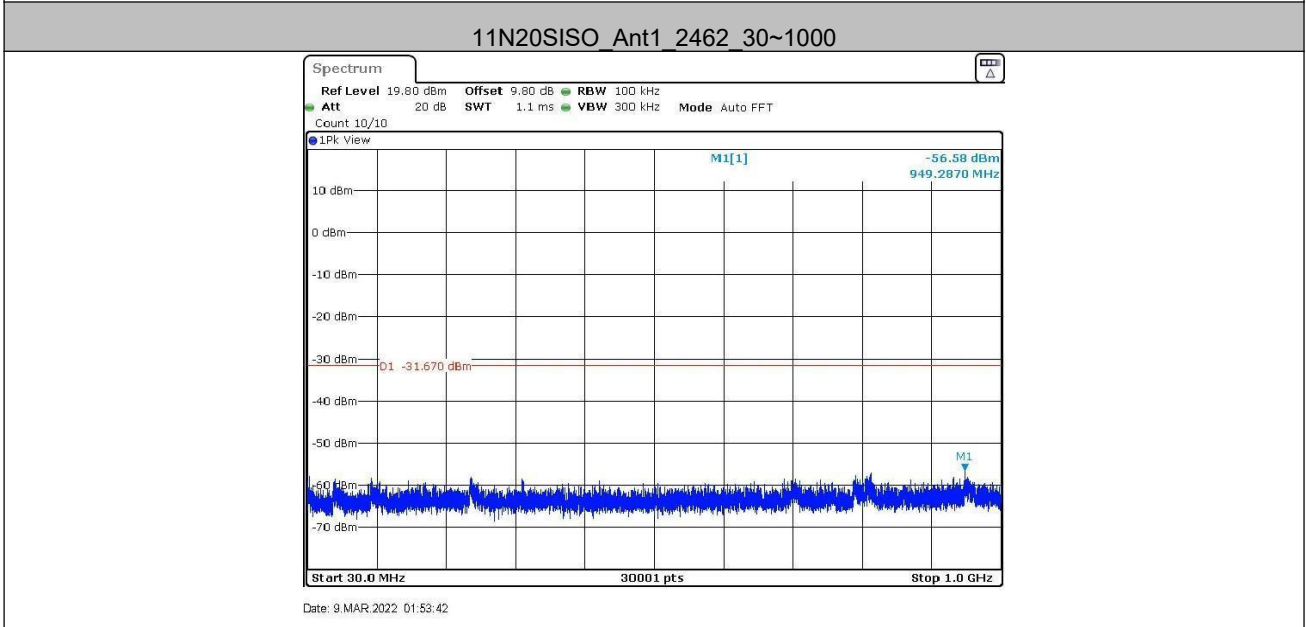
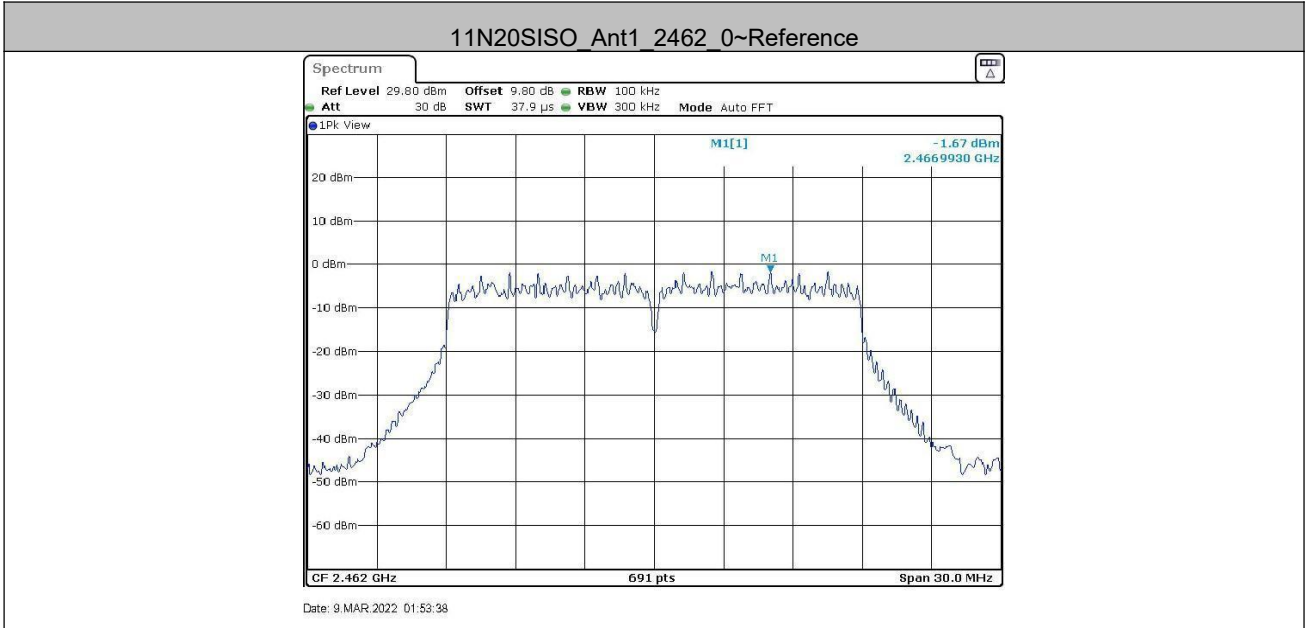


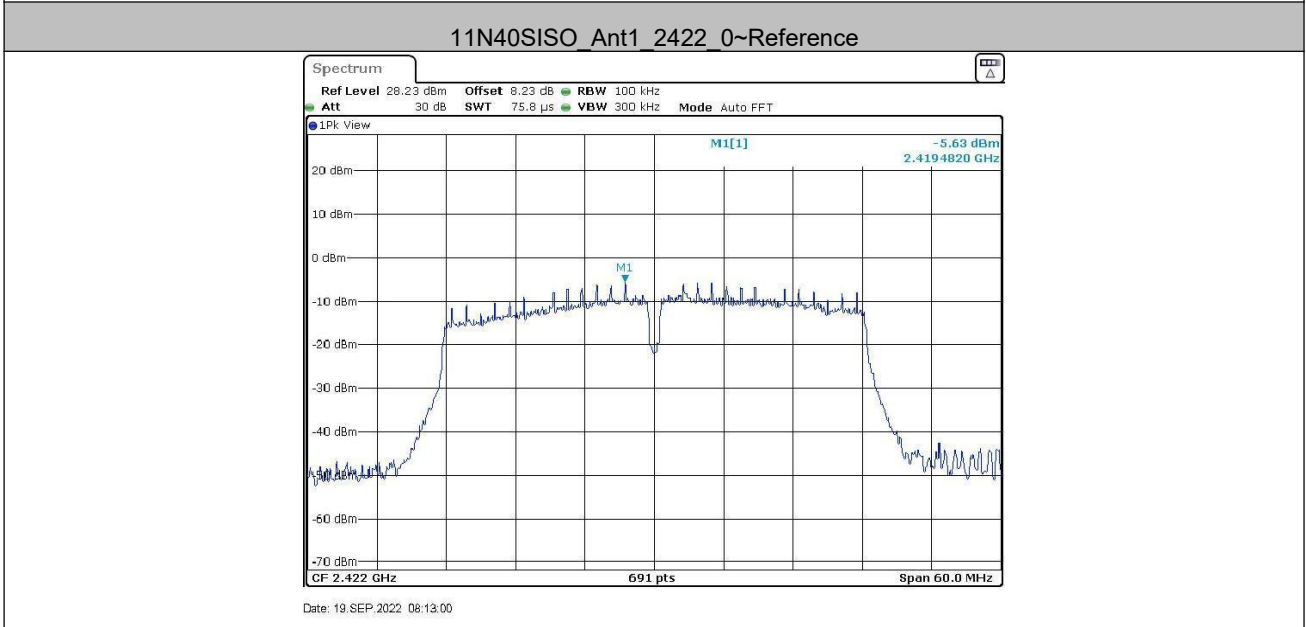
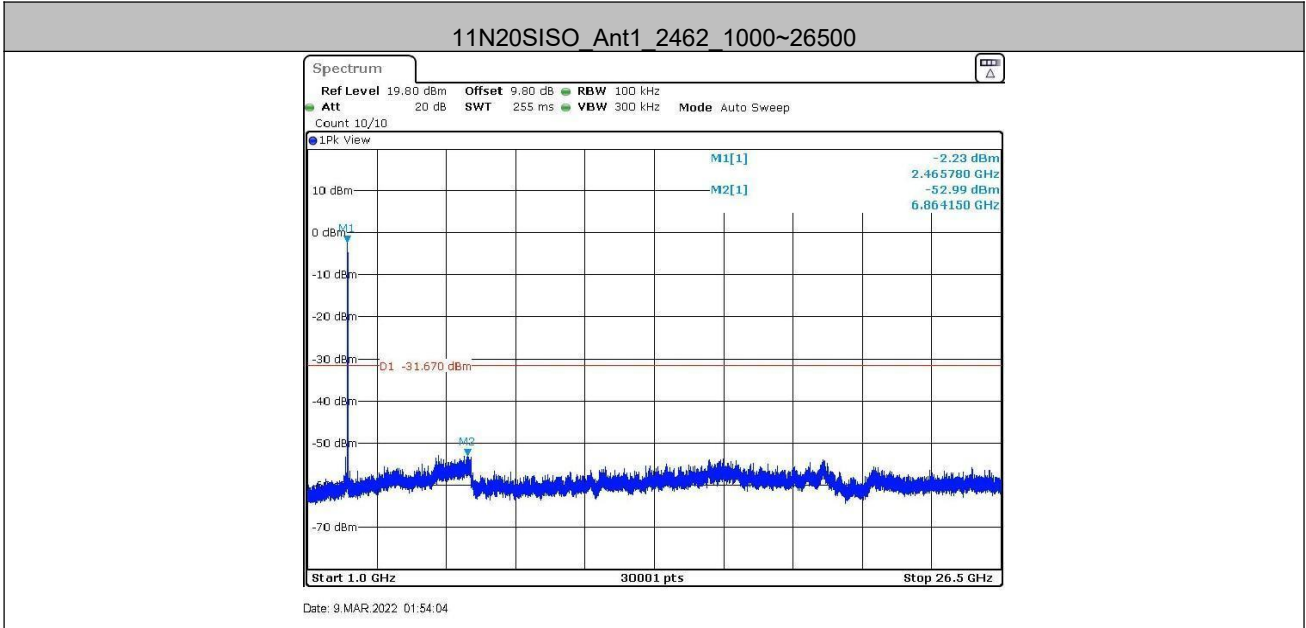
Date: 9.MAR.2022 01:43:33



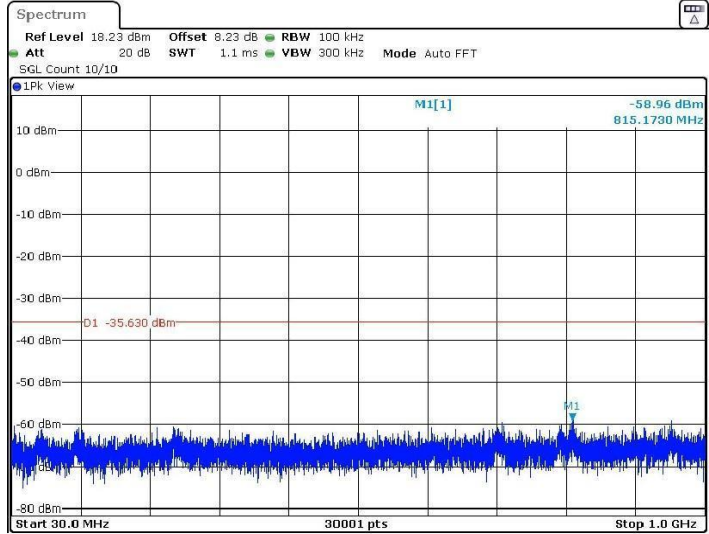






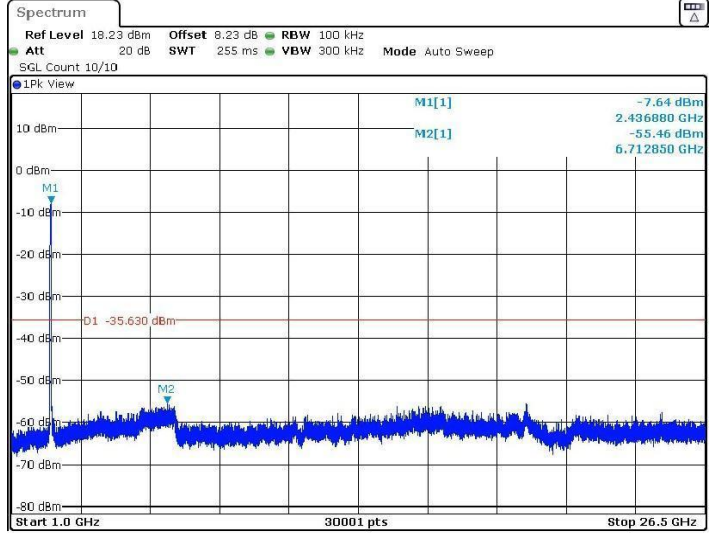


11N40SISO_Ant1_2422_30~1000



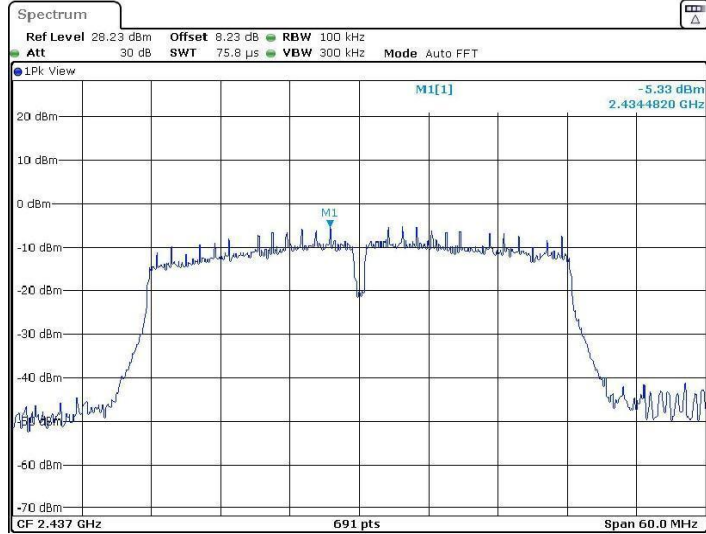
Date: 19 SEP 2022 08:13:04

11N40SISO_Ant1_2422_1000~26500

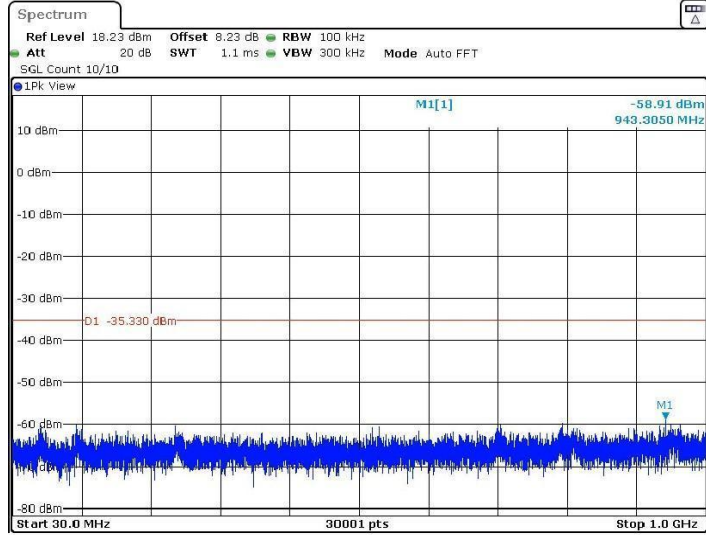


Date: 19 SEP 2022 08:13:27

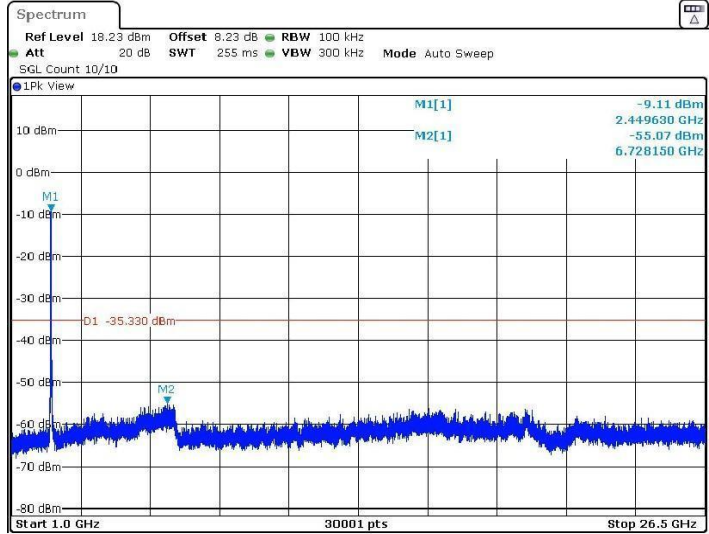
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000

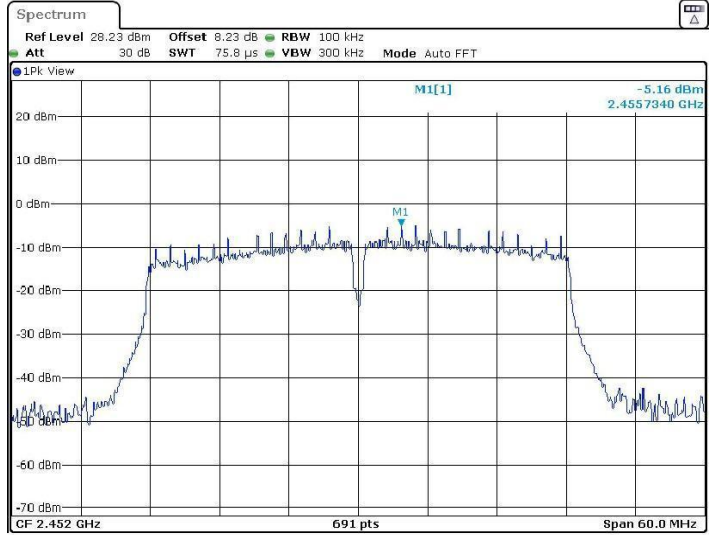


11N40SISO Ant1_2437_1000~26500



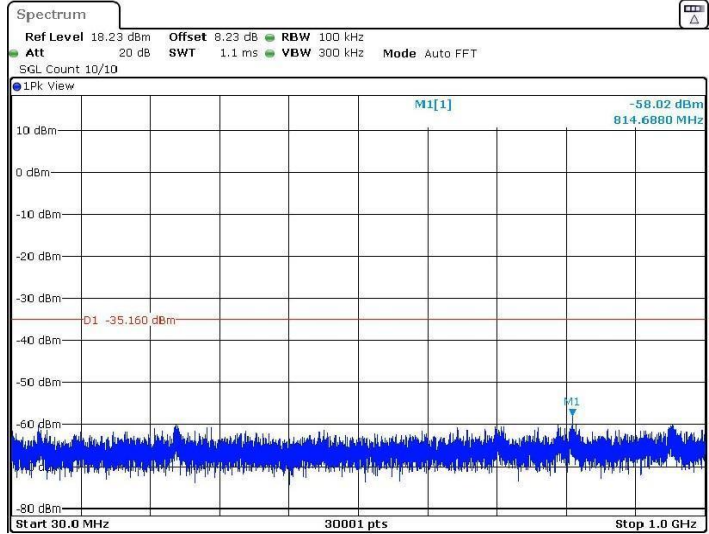
Date: 19 SEP 2022 08:16:04

11N40SISO_Ant1_2452_0~Reference



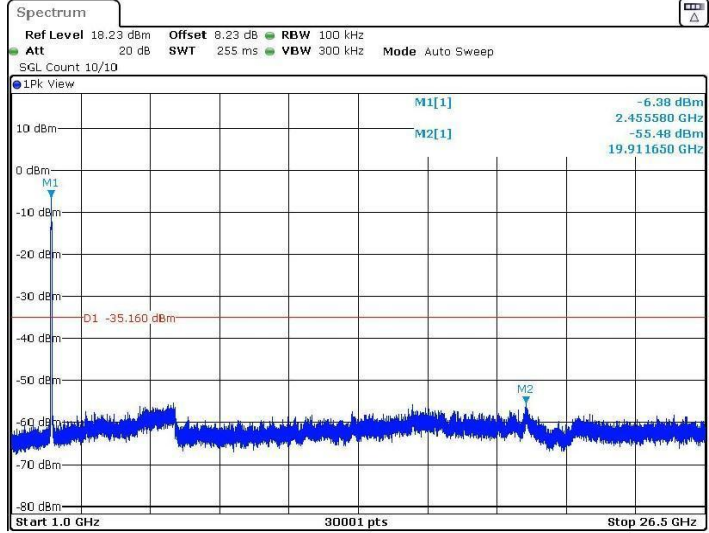
Date: 19 SEP 2022 08:18:59

11N40SISO_Ant1_2452_30~1000

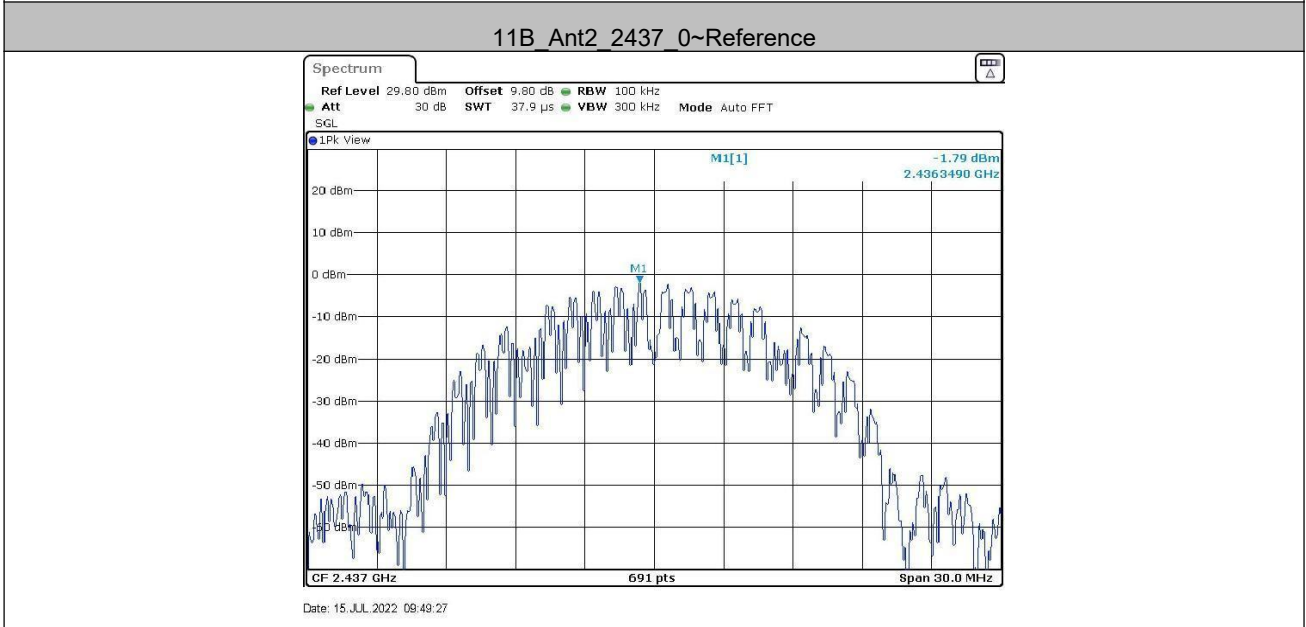
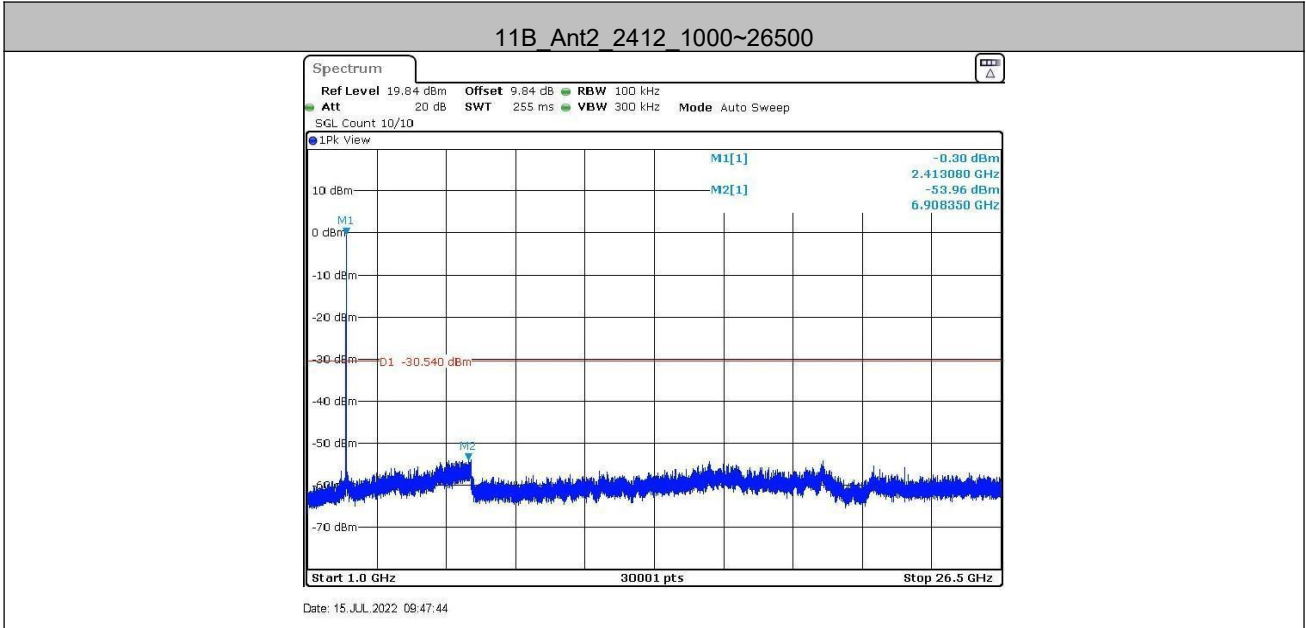


Date: 19 SEP 2022 08:19:03

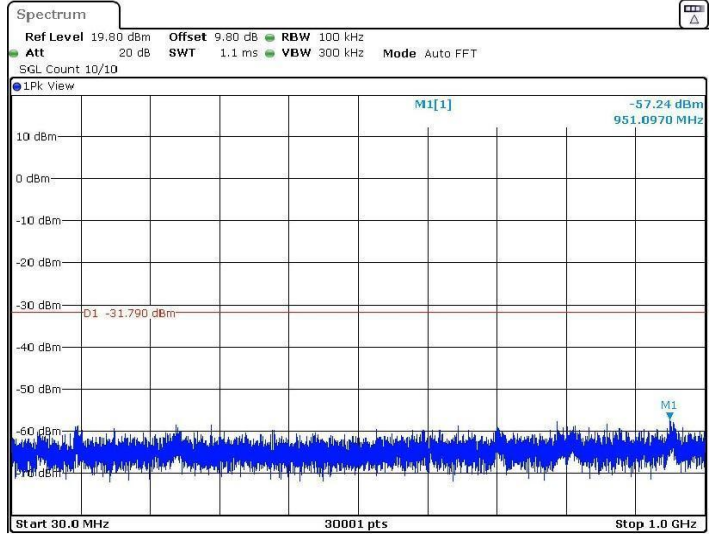
11N40SISO_Ant1_2452_1000~26500



Date: 19 SEP 2022 08:19:25

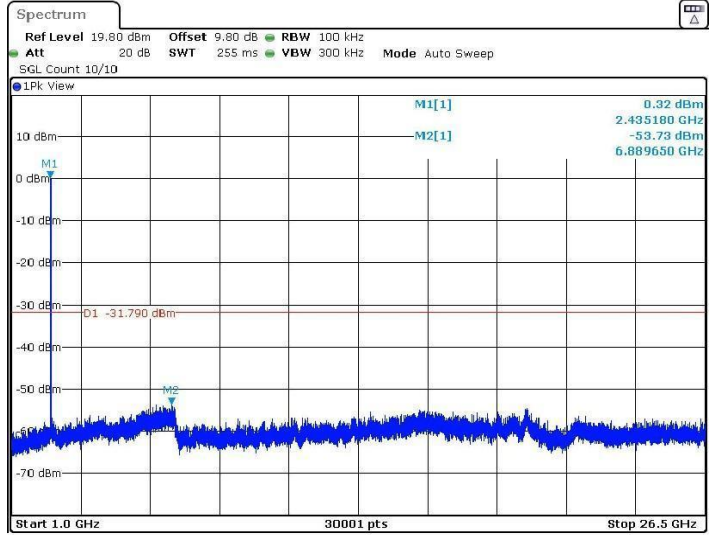


11B_Ant2_2437_30~1000



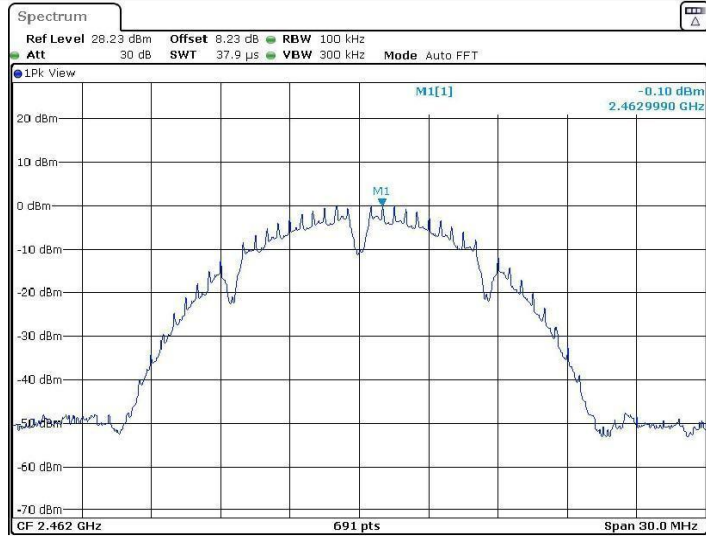
Date: 15.JUL.2022 09:49:32

11B_Ant2_2437_1000~26500



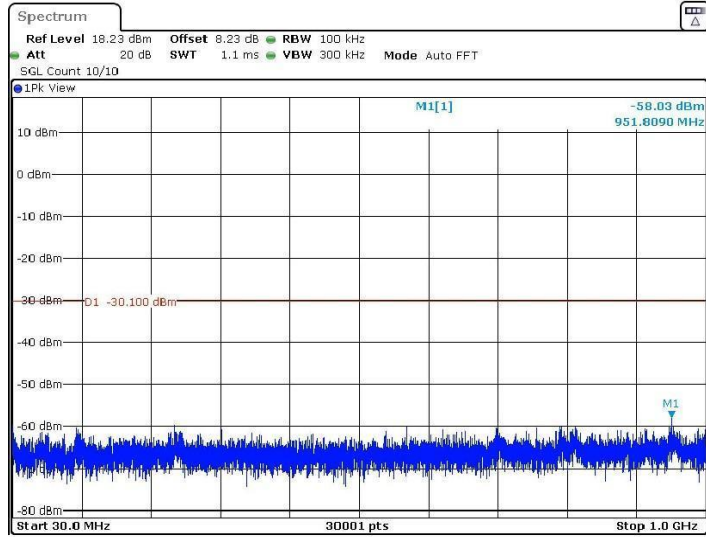
Date: 15.JUL.2022 09:49:54

11B_Ant2_2462_0~Reference



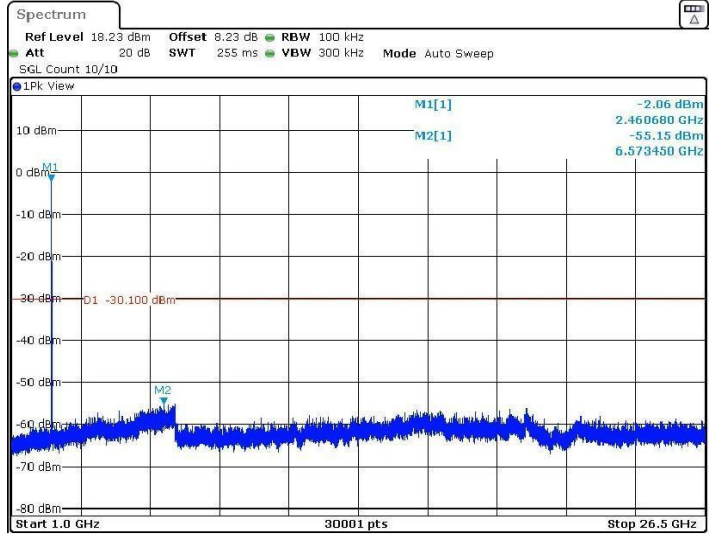
Date: 19 SEP 2022 09:19:53

11B_Ant2_2462_30~1000



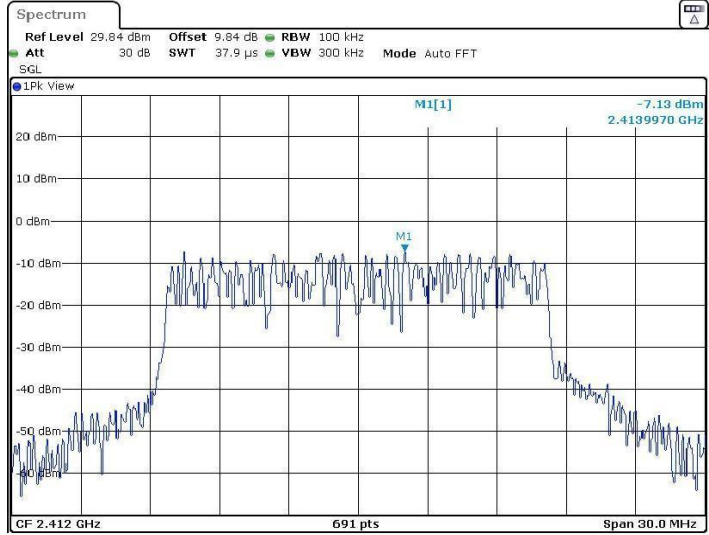
Date: 19 SEP 2022 09:19:57

11B_Ant2_2462_1000~26500



Date: 19 SEP 2022 09:20:20

11G_Ant2_2412_0~Reference



Date: 15 JUL 2022 10:01:52

