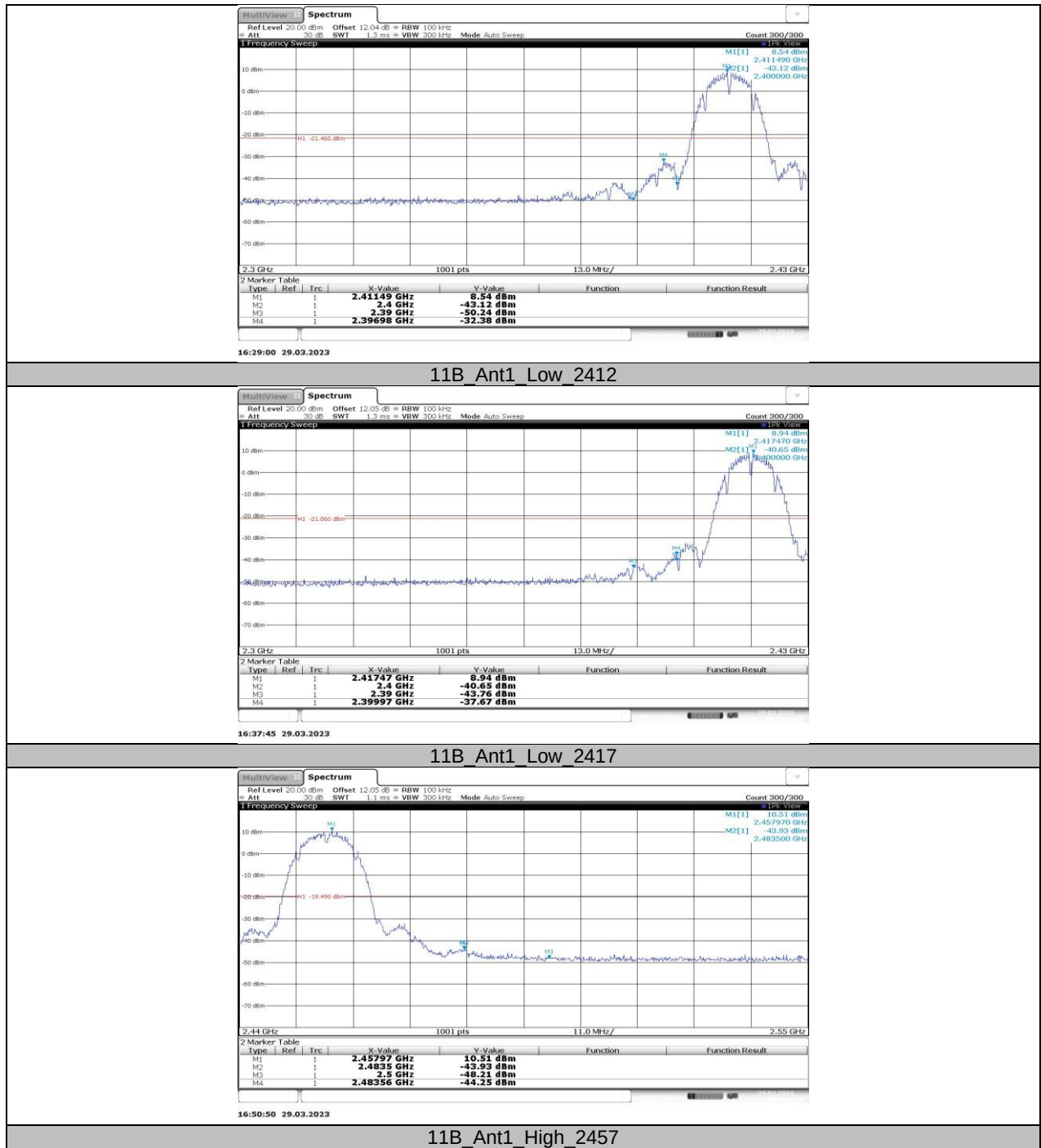


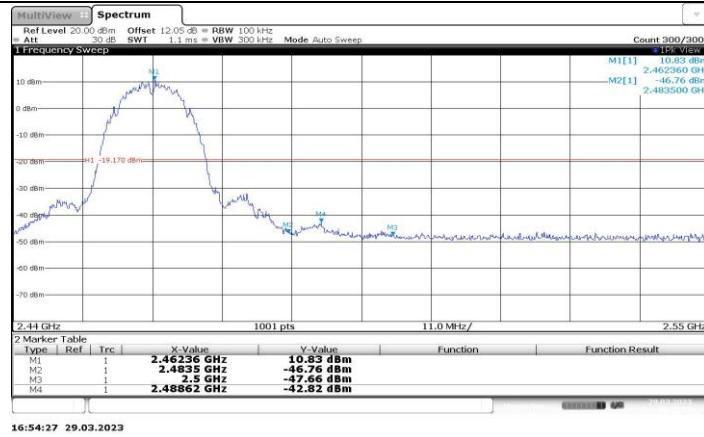
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

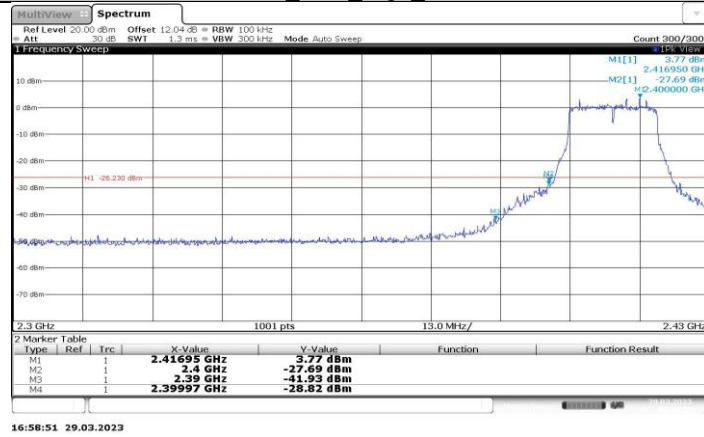
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.54	-32.38	≤-21.46	PASS
			2417	8.94	-37.67	≤-21.06	PASS
		High	2457	10.51	-44.25	≤-19.49	PASS
			2462	10.83	-42.82	≤-19.17	PASS
11G	Ant1	Low	2412	3.77	-28.82	≤-26.23	PASS
			2417	6.38	-24.69	≤-23.62	PASS
		High	2457	6.30	-41.52	≤-23.7	PASS
			2462	4.50	-37.94	≤-25.5	PASS
11N20SISO	Ant1	Low	2412	2.91	-29.53	≤-27.09	PASS
			2417	4.12	-31.29	≤-25.88	PASS
		High	2457	5.25	-43.68	≤-24.75	PASS
			2462	3.63	-41.4	≤-26.37	PASS

11.5.2. Test Graphs

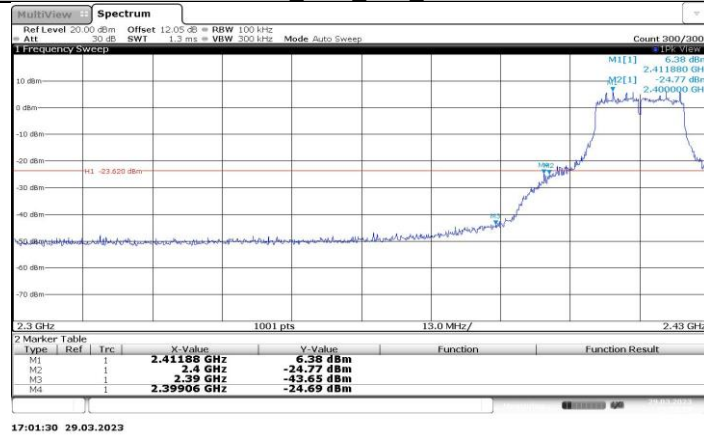




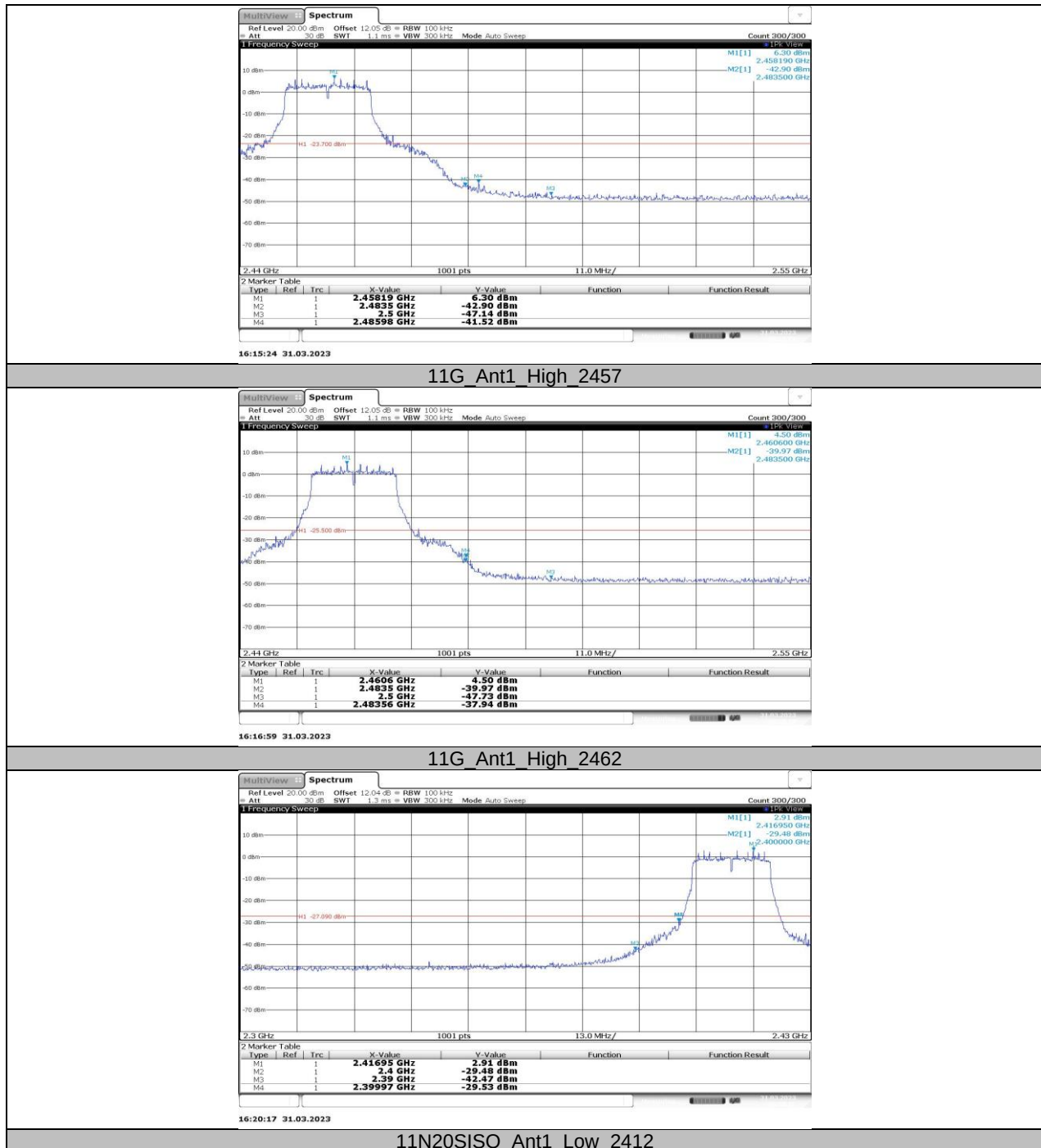
11B Ant1_High_2462

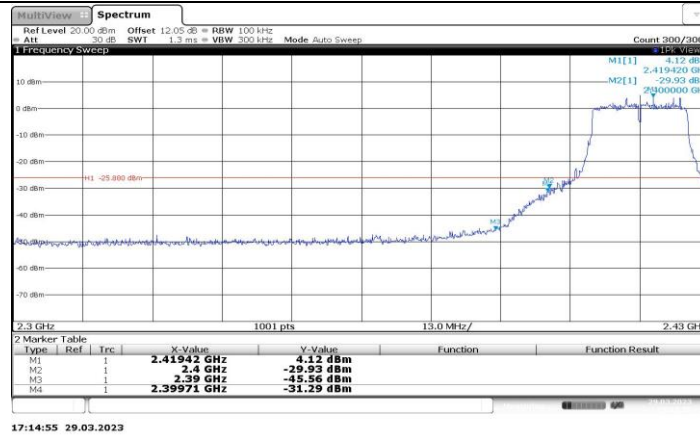


11G Ant1_Low_2412

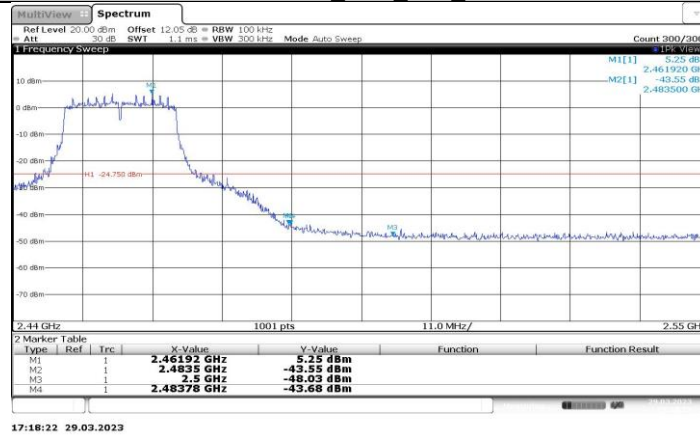


11G Ant1_Low_2417

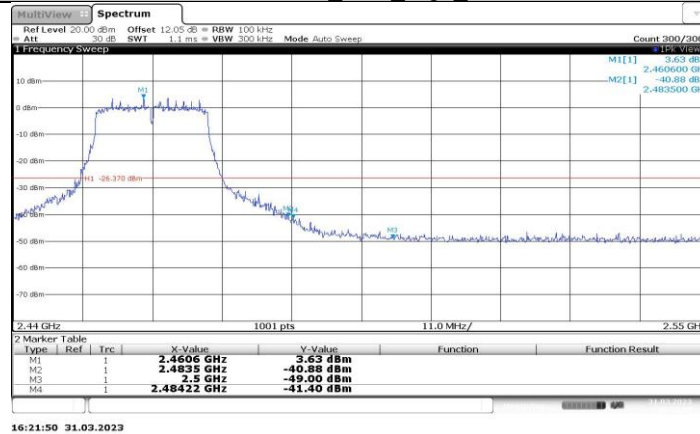




11N20SISO Ant1 Low 2417



11N20SISO Ant1 High 2457



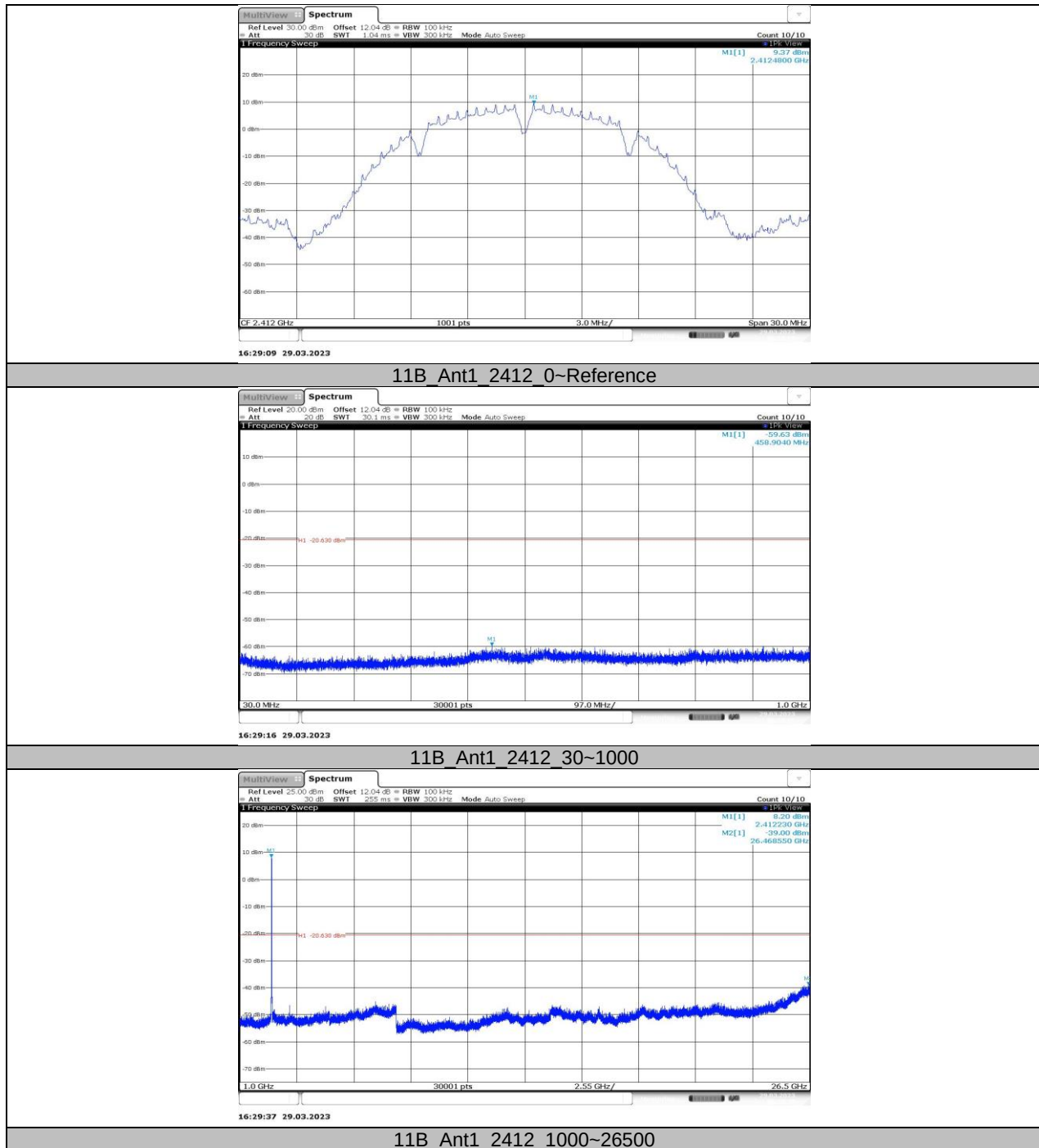
11N20SISO Ant1 High 2462

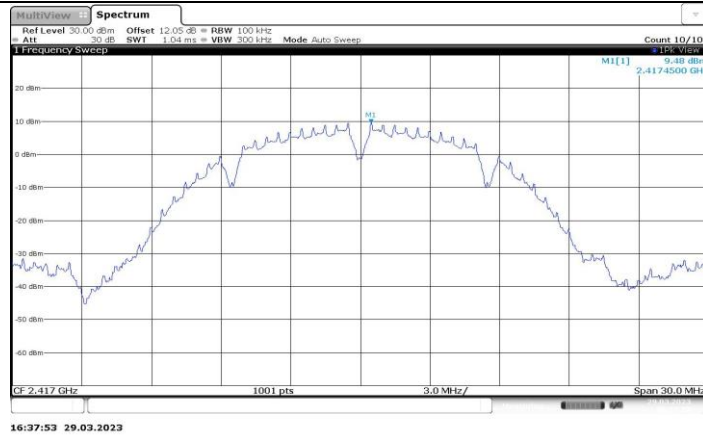
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

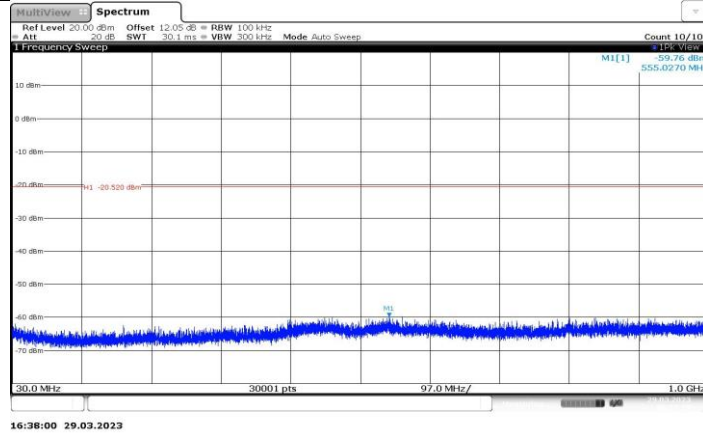
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	9.37	---	PASS
			30~1000	-59.63	≤-20.63	PASS
			1000~26500	-39	≤-20.63	PASS
		2417	Reference	9.48	---	PASS
			30~1000	-59.76	≤-20.52	PASS
			1000~26500	-39.16	≤-20.52	PASS
		2437	Reference	10.10	---	PASS
			30~1000	-59.43	≤-19.9	PASS
			1000~26500	-38.77	≤-19.9	PASS
		2457	Reference	10.74	---	PASS
			30~1000	-58.98	≤-19.26	PASS
			1000~26500	-38.97	≤-19.26	PASS
		2462	Reference	10.95	---	PASS
			30~1000	-60.07	≤-19.05	PASS
			1000~26500	-39.31	≤-19.05	PASS
11G	Ant1	2412	Reference	4.12	---	PASS
			30~1000	-59.34	≤-25.88	PASS
			1000~26500	-39.48	≤-25.88	PASS
		2417	Reference	7.02	---	PASS
			30~1000	-59.74	≤-22.98	PASS
			1000~26500	-38.73	≤-22.98	PASS
		2437	Reference	6.71	---	PASS
			30~1000	-59.04	≤-23.29	PASS
			1000~26500	-38.73	≤-23.29	PASS
		2457	Reference	6.31	---	PASS
			30~1000	-58.73	≤-13.69	PASS
			1000~26500	-37.93	≤-13.69	PASS
		2462	Reference	4.73	---	PASS
			30~1000	-59.27	≤-15.27	PASS
			1000~26500	-38.81	≤-15.27	PASS
11N20SISO	Ant1	2412	Reference	3.43	---	PASS
			30~1000	-59.11	≤-16.57	PASS
			1000~26500	-38.45	≤-16.57	PASS
		2417	Reference	5.31	---	PASS
			30~1000	-58.88	≤-24.69	PASS
			1000~26500	-38.93	≤-24.69	PASS
		2437	Reference	5.10	---	PASS
			30~1000	-58.81	≤-24.9	PASS
			1000~26500	-39.13	≤-24.9	PASS
		2457	Reference	5.35	---	PASS
			30~1000	-59.19	≤-24.65	PASS
			1000~26500	-38.98	≤-24.65	PASS
		2462	Reference	3.83	---	PASS
			30~1000	-58.92	≤-16.17	PASS
			1000~26500	-39.49	≤-16.17	PASS

11.6.2. Test Graphs

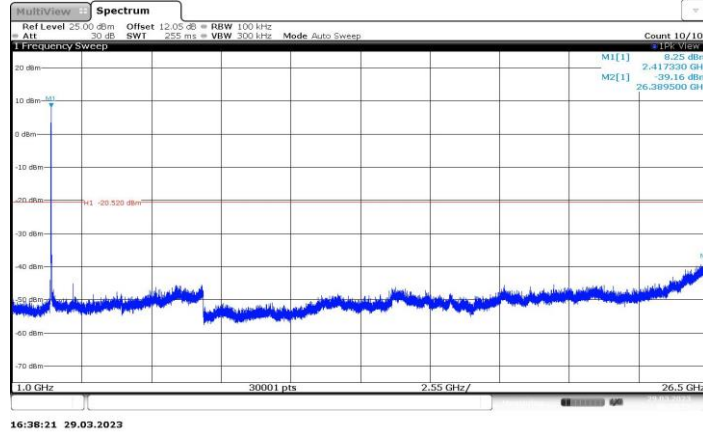




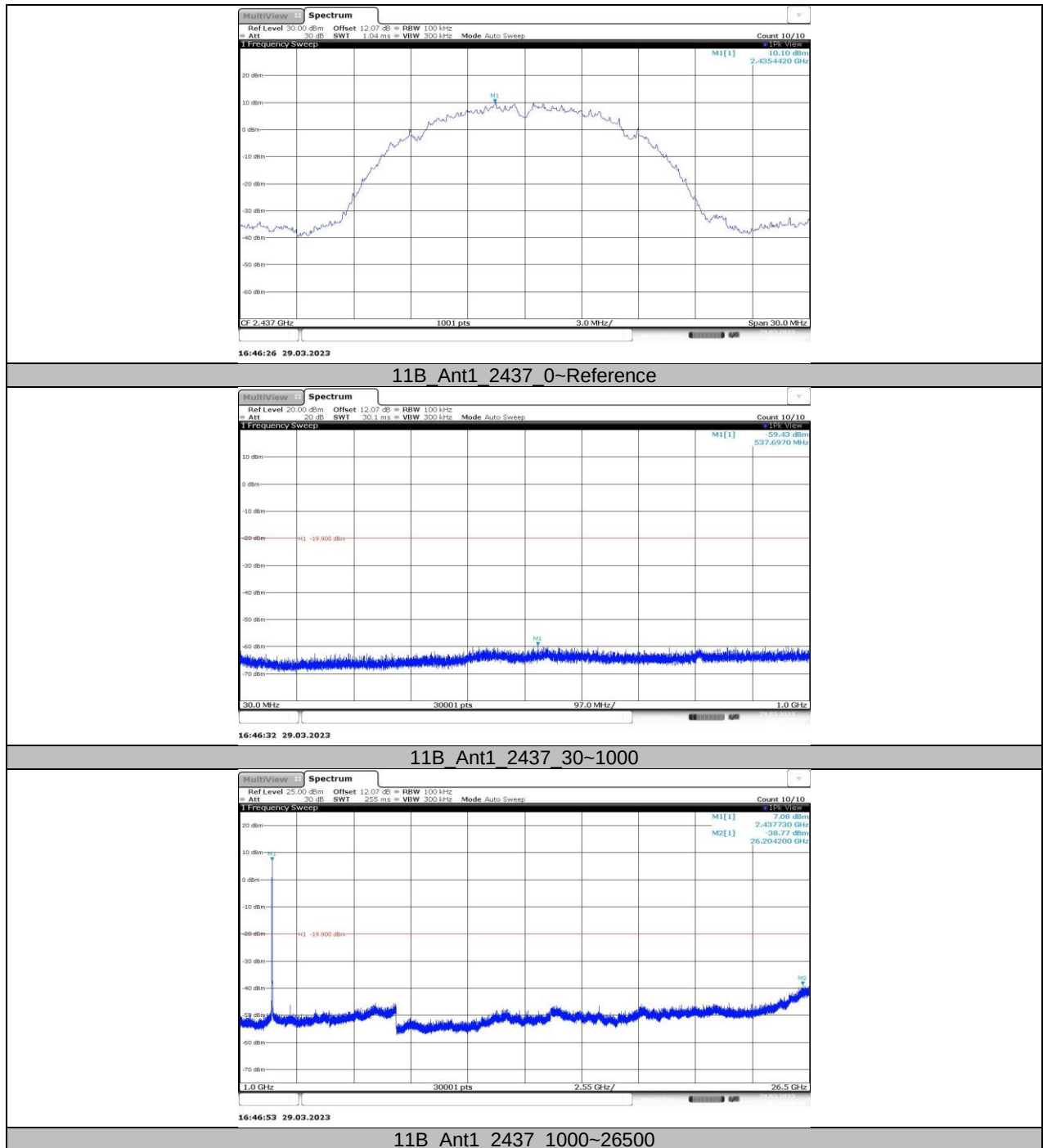
11B_Ant1_2417_0~Reference

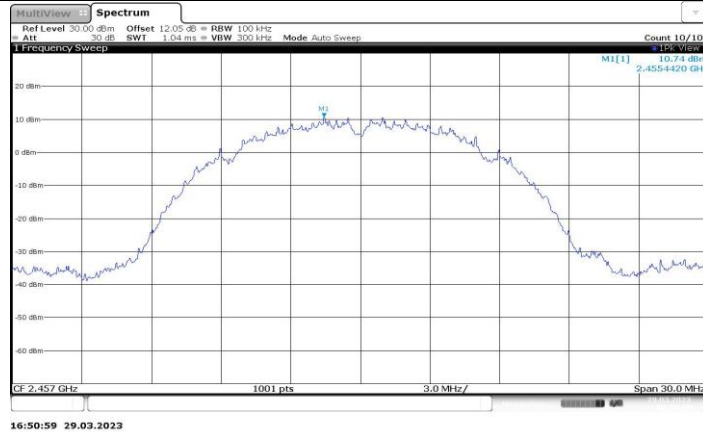


11B_Ant1_2417_30~1000

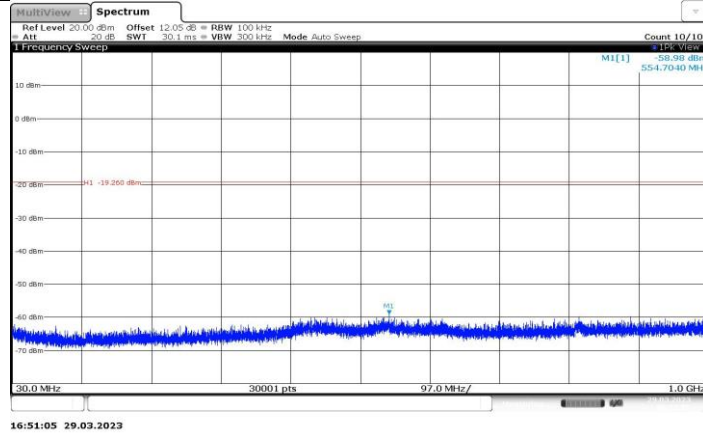


11B_Ant1_2417_1000~26500

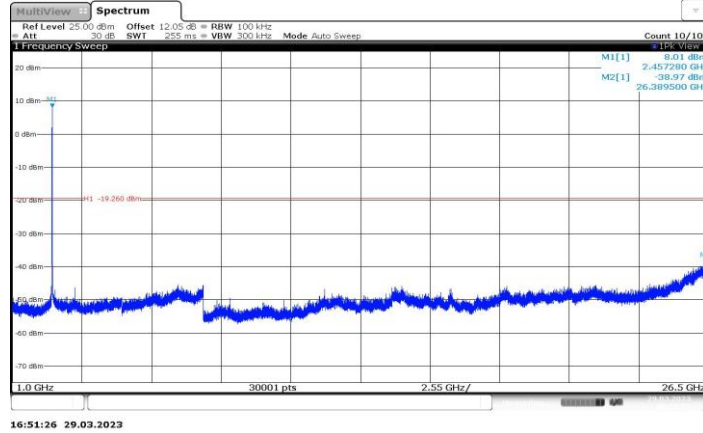




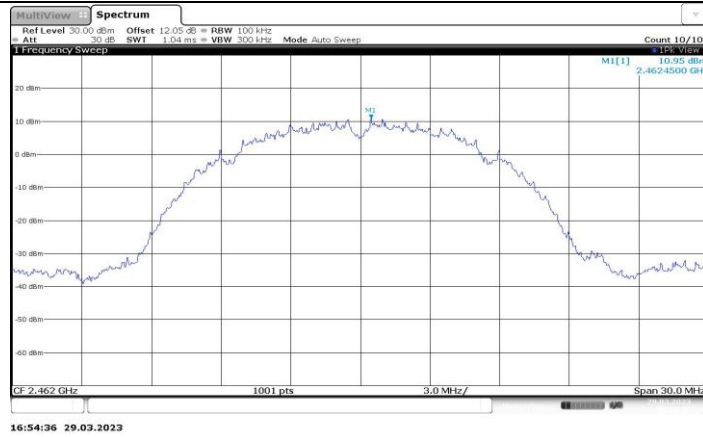
11B_Ant1_2457_0~Reference



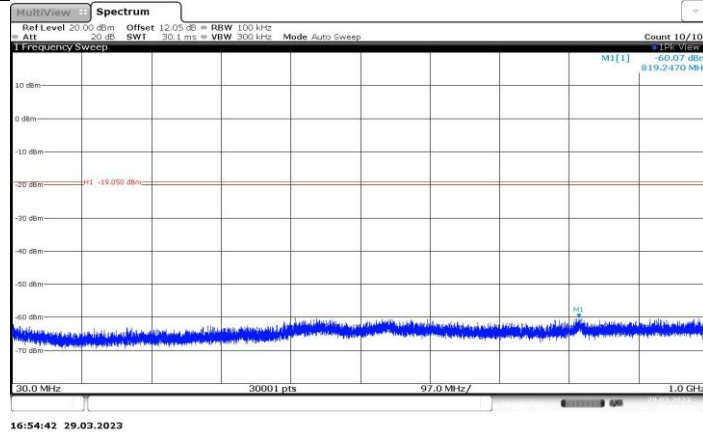
11B_Ant1_2457_30~1000



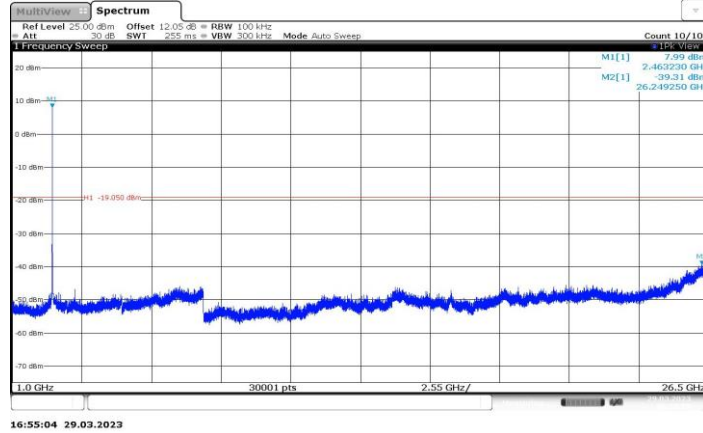
11B_Ant1_2457_1000~26500



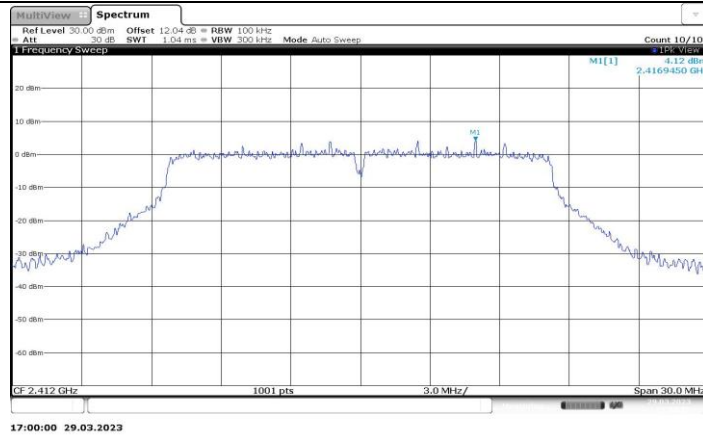
11B_Ant1_2462_0~Reference



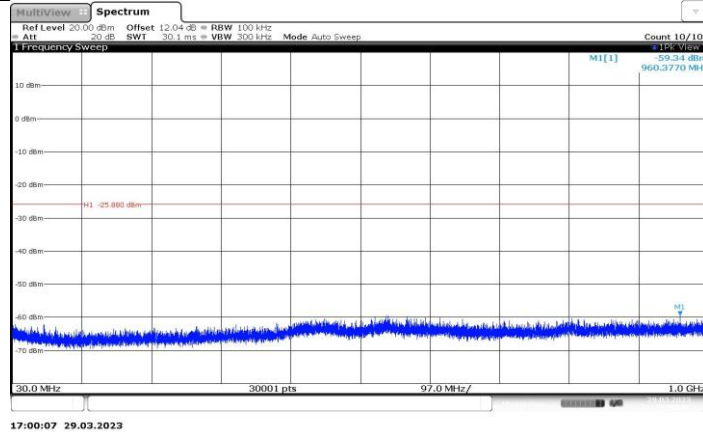
11B_Ant1_2462_30~1000



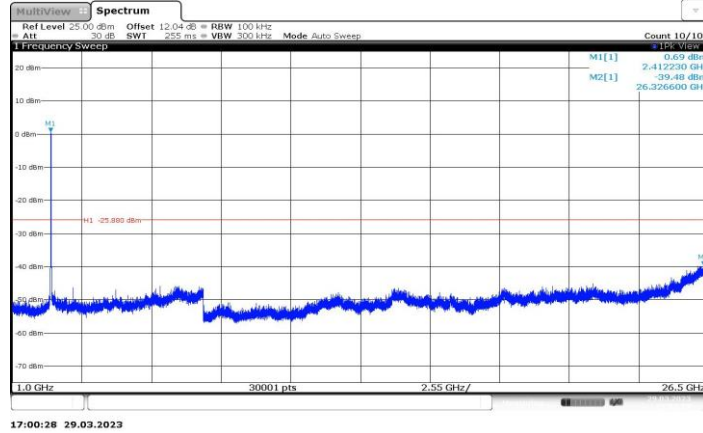
11B_Ant1_2462_1000~26500



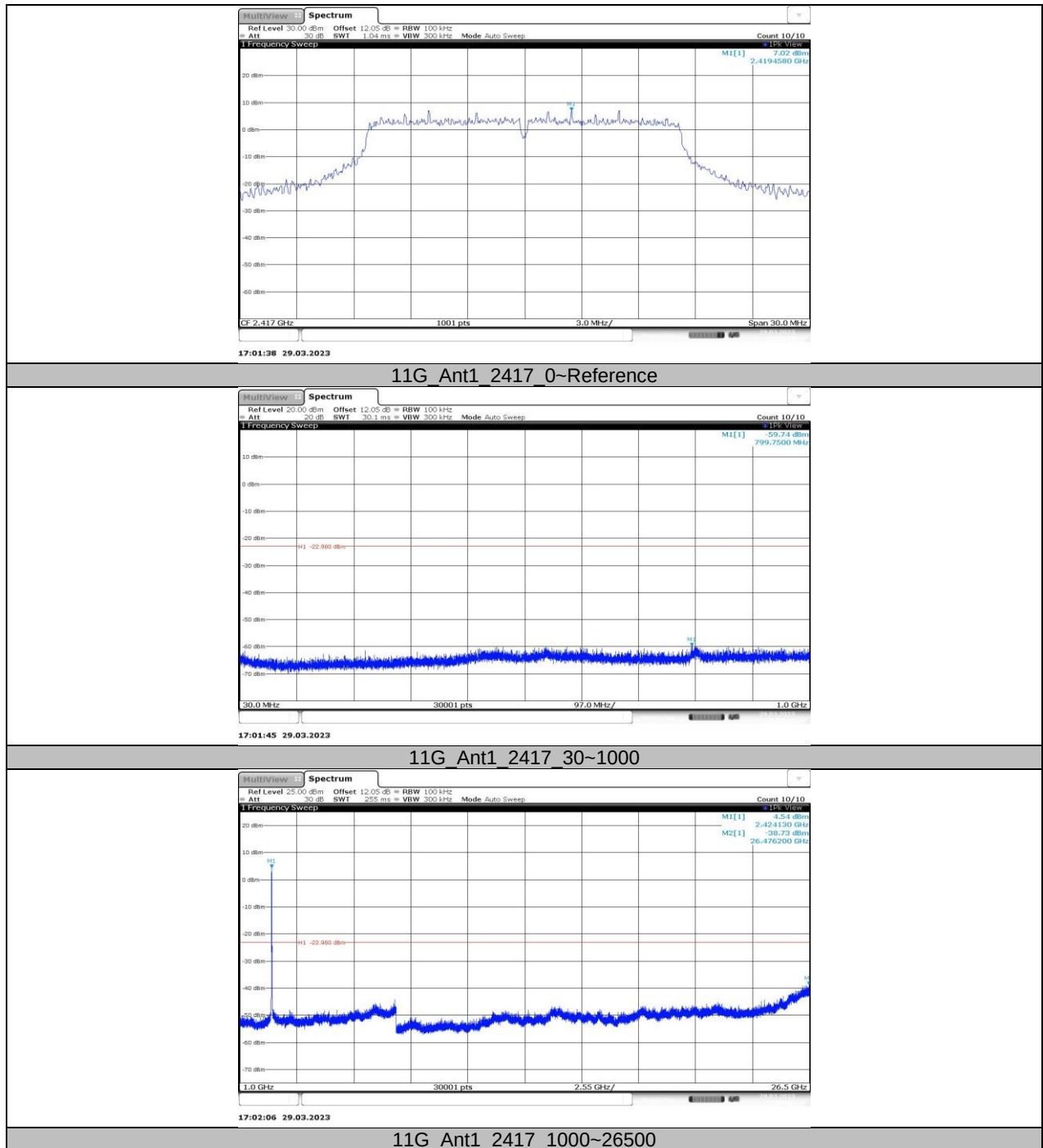
11G Ant1_2412_0~Reference

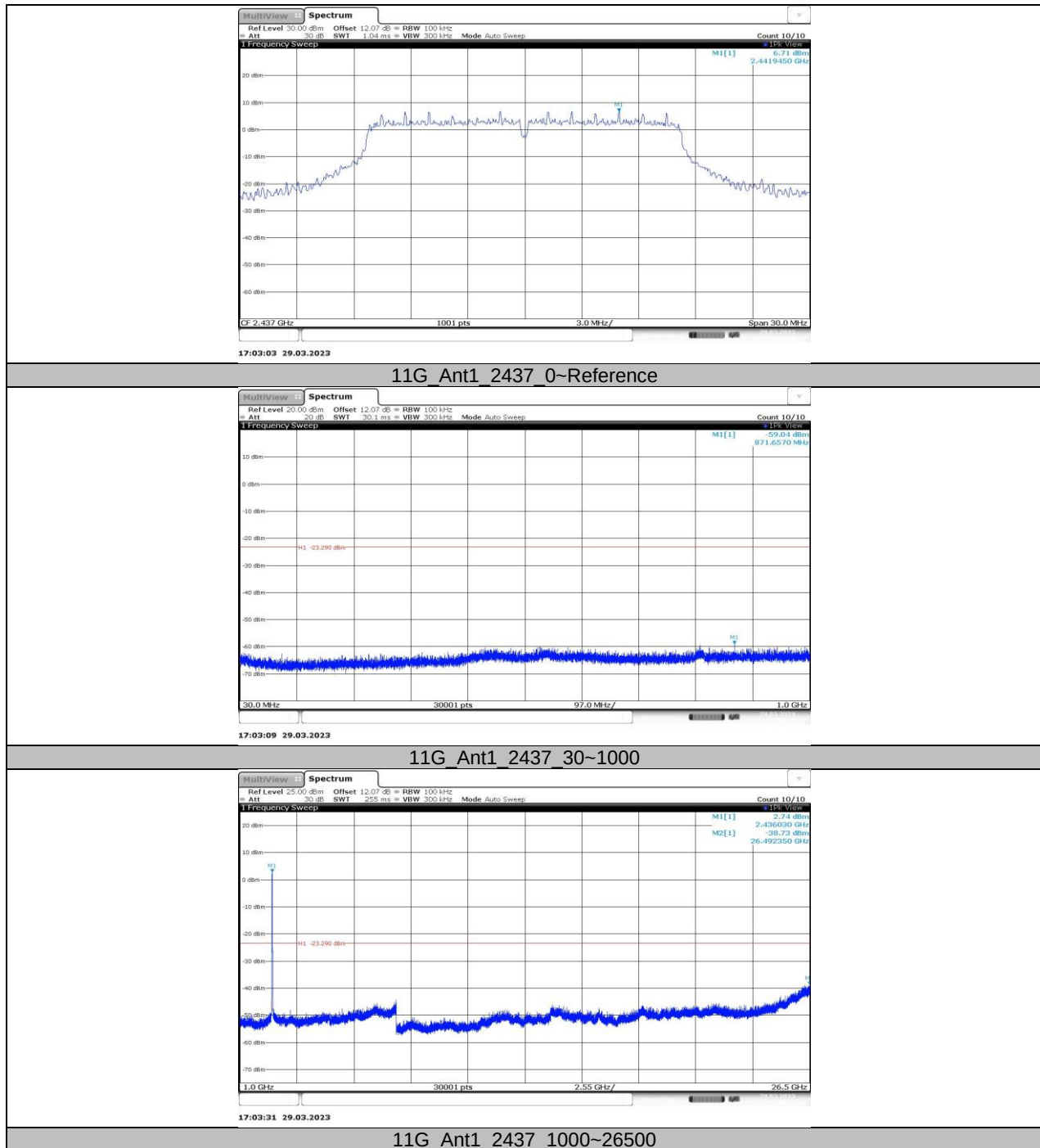


11G Ant1_2412_30~1000



11G Ant1_2412_1000~26500







Spectrum

Ref Level 20.00 dBm Offset 12.00 dB RBW 100 kHz
 = Att 20 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep

Count 10/10
 314.50 dB
 538.71 dBm
 447.2320 MHz

F Frequency Sweep

10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm

M1 -13.450 dBm

M1

30.0 Mhz 30001 pts 97.0 Mhz 1.0 GHz

16:15:39 31.03.2023

Spectrum

Ref Level 25.00 dBm Offset 12.00 dB BW 100 MHz
 = Att 30 dB SW1 255 ms = VBW 300 kHz Mode Auto Sweep

Count 10/10

Frequency Sweep

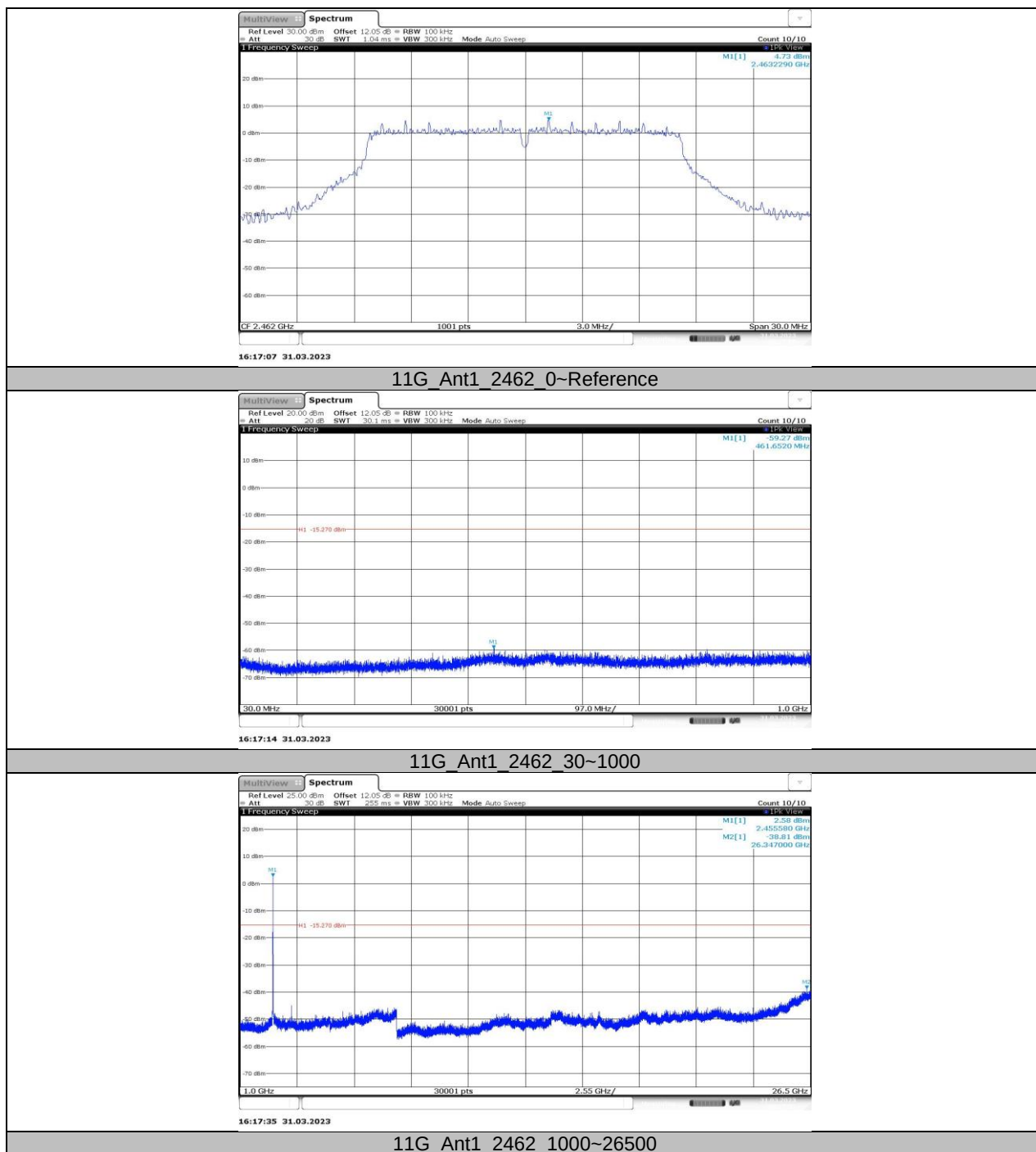
20 dBm
 10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm

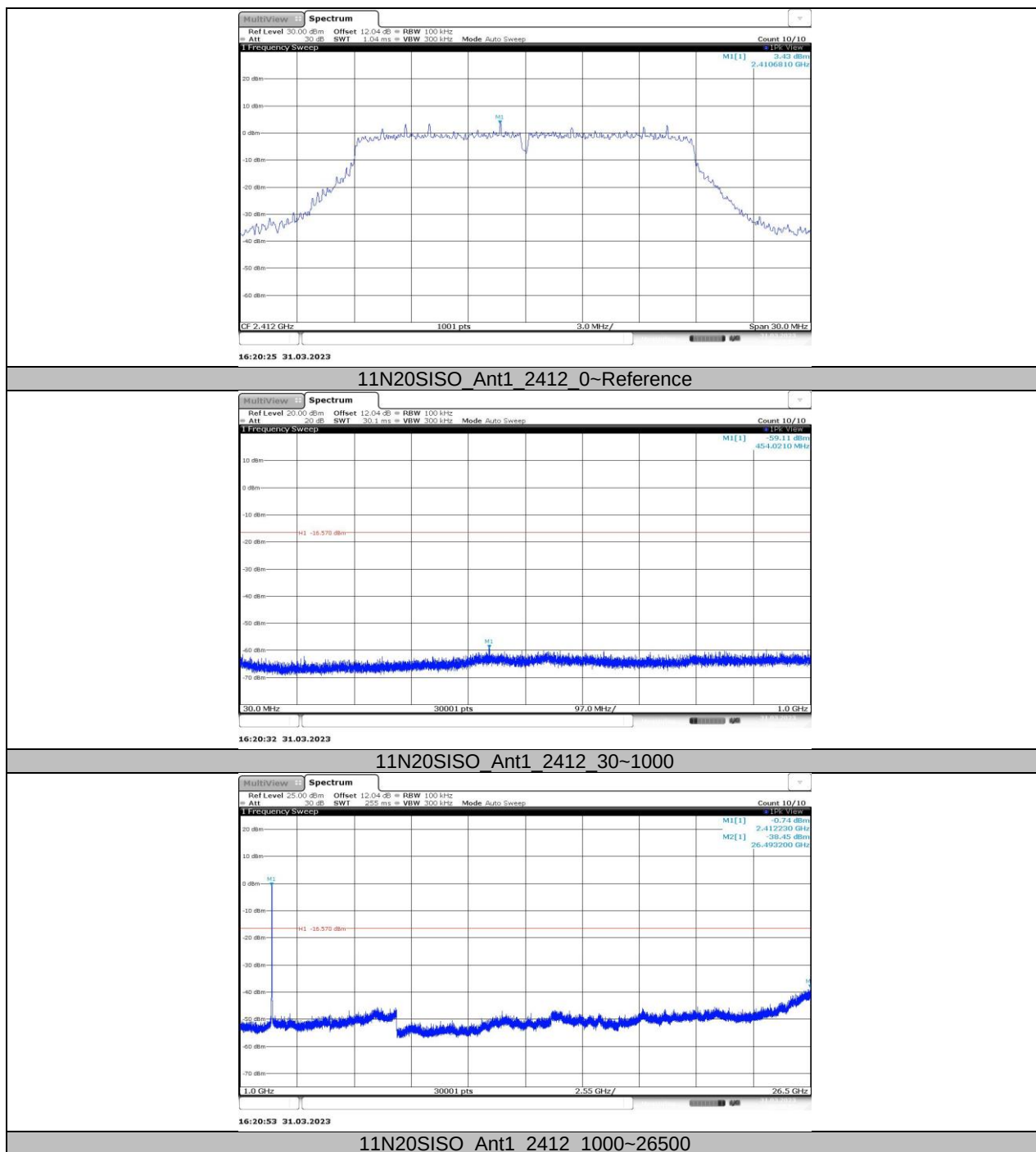
M1[1] 2.450 880 GHz
 M2[1] 2.450 880 GHz
 26.488 100 GHz

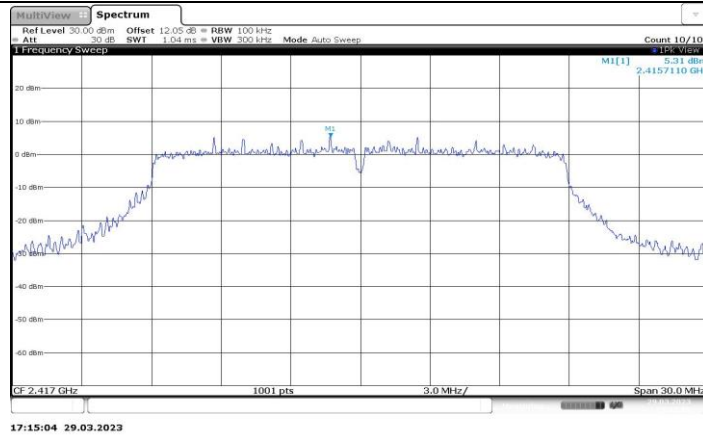
1.0 GHz 30001 pts 2.55 GHz/ 26.5 GHz

16:16:00 31.03.2023

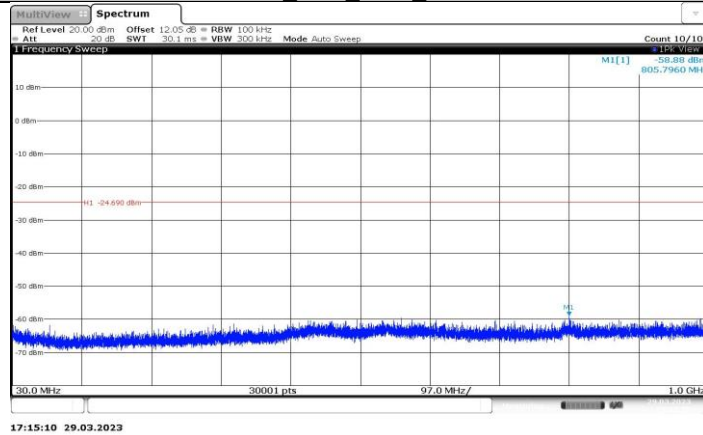
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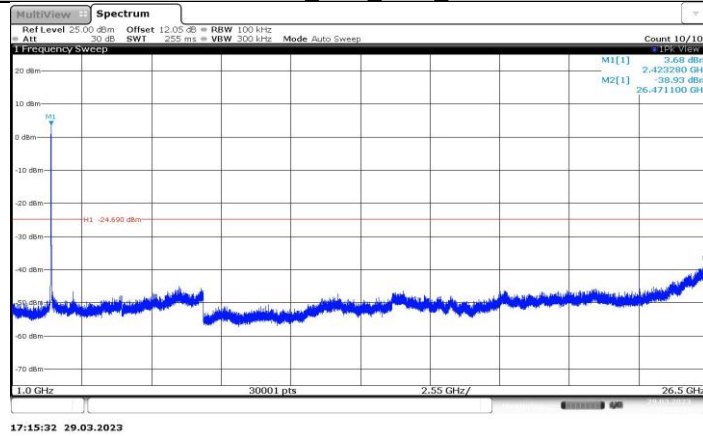




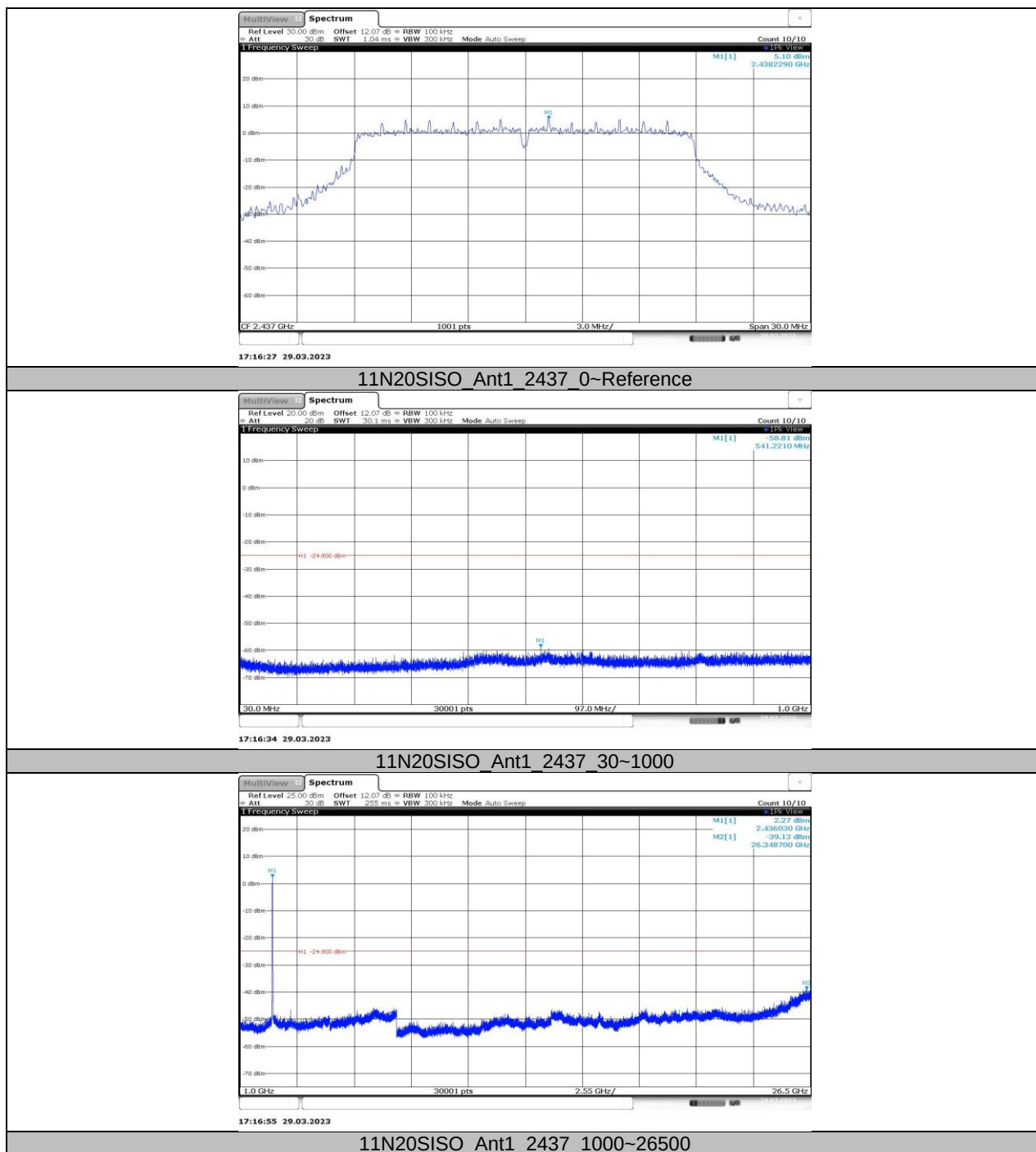
11N20SISO_Ant1_2417_0~Reference

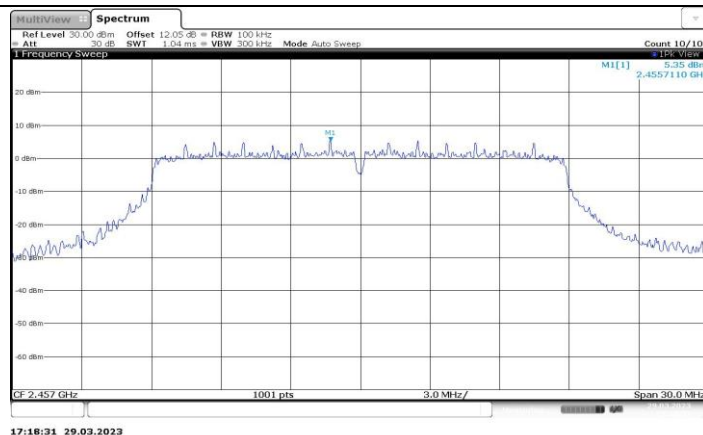


11N20SISO_Ant1_2417_30~1000

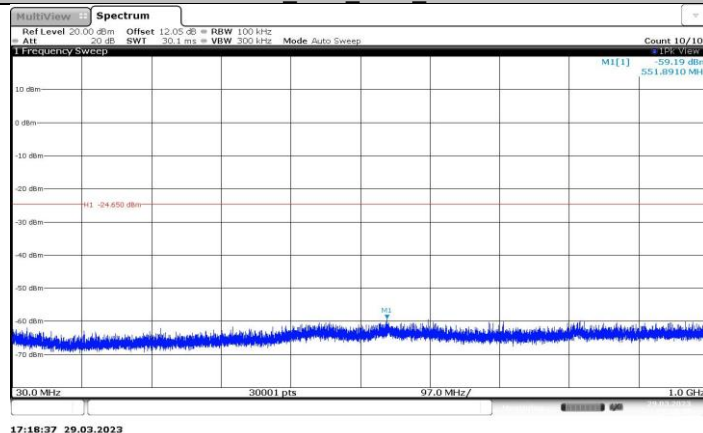


11N20SISO_Ant1_2417_1000~26500

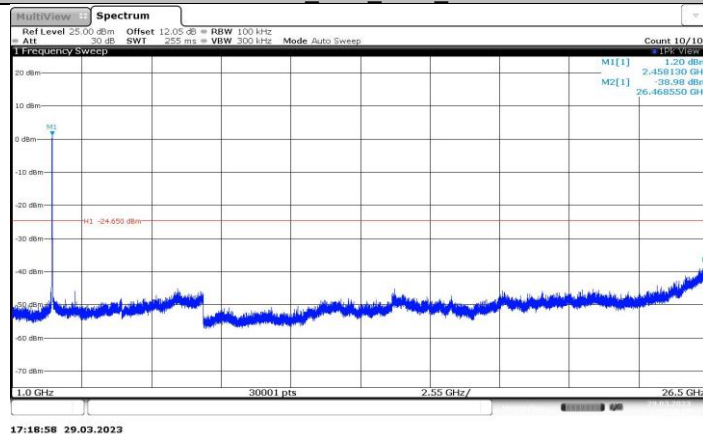




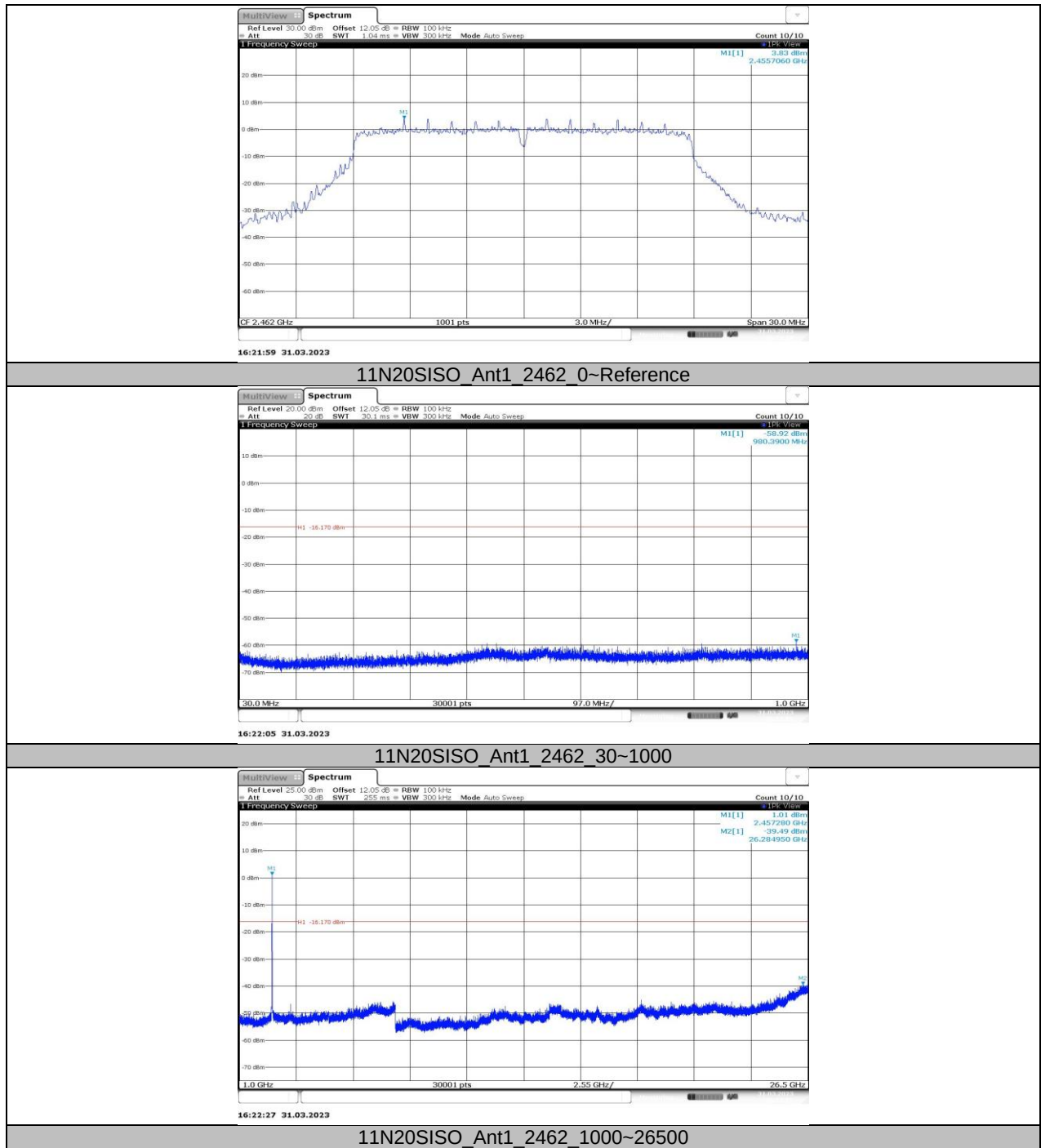
11N20SISO_Ant1_2457_0~Reference



11N20SISO_Ant1_2457_30~1000



11N20SISO_Ant1_2457_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	50.00	50.00	1.0000	100.00	0.00	N/A	0.01
11G	5.47	5.49	0.9964	99.64	0.02	N/A	0.5
11N20SISO	5.06	5.08	0.9961	99.61	0.02	N/A	0.5

Note:

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

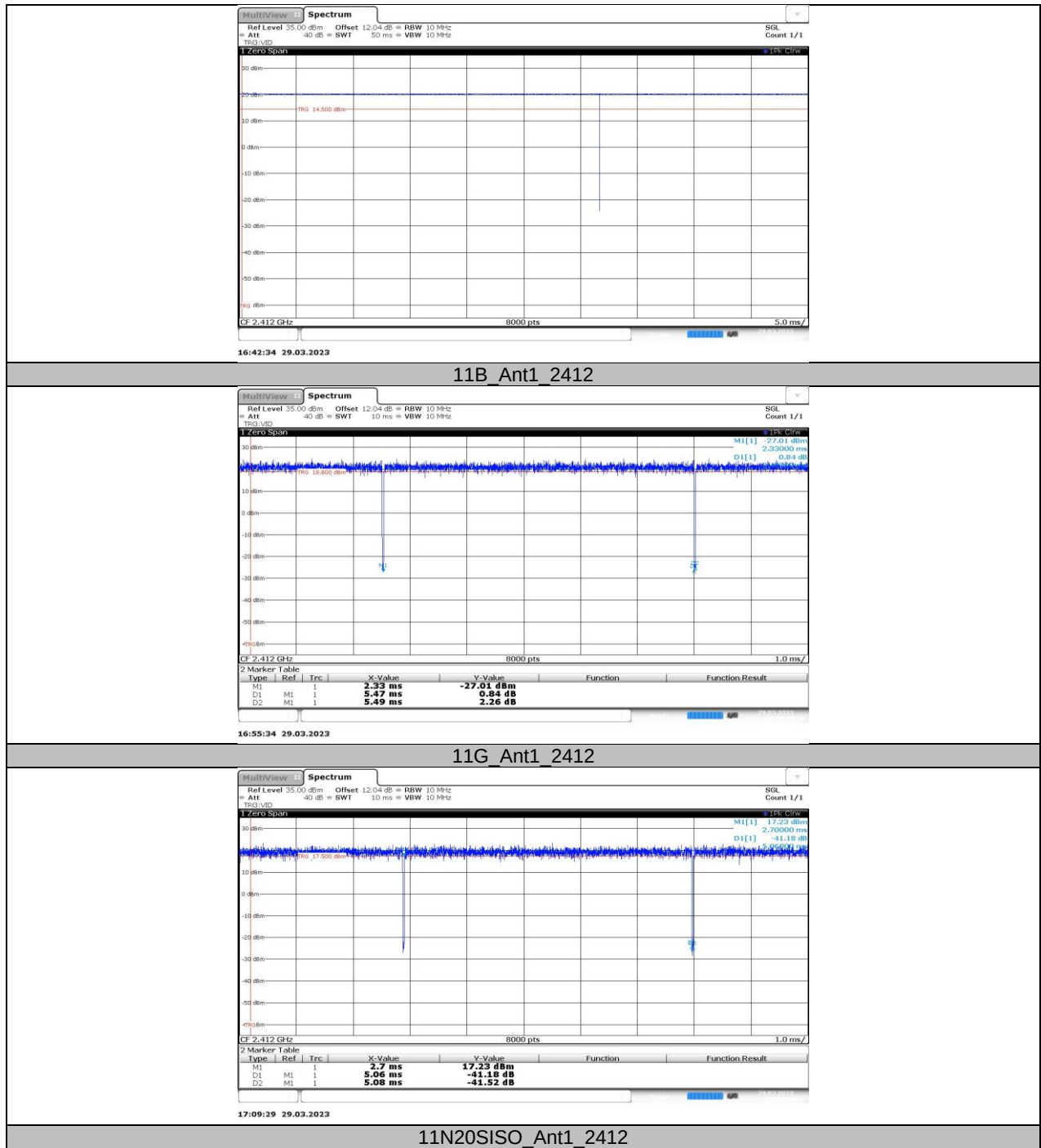
Where: x is Duty Cycle (Linear)

Where: T is On Time

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

If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW $\leq$ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

11.7.2. Test Graphs



END OF REPORT