







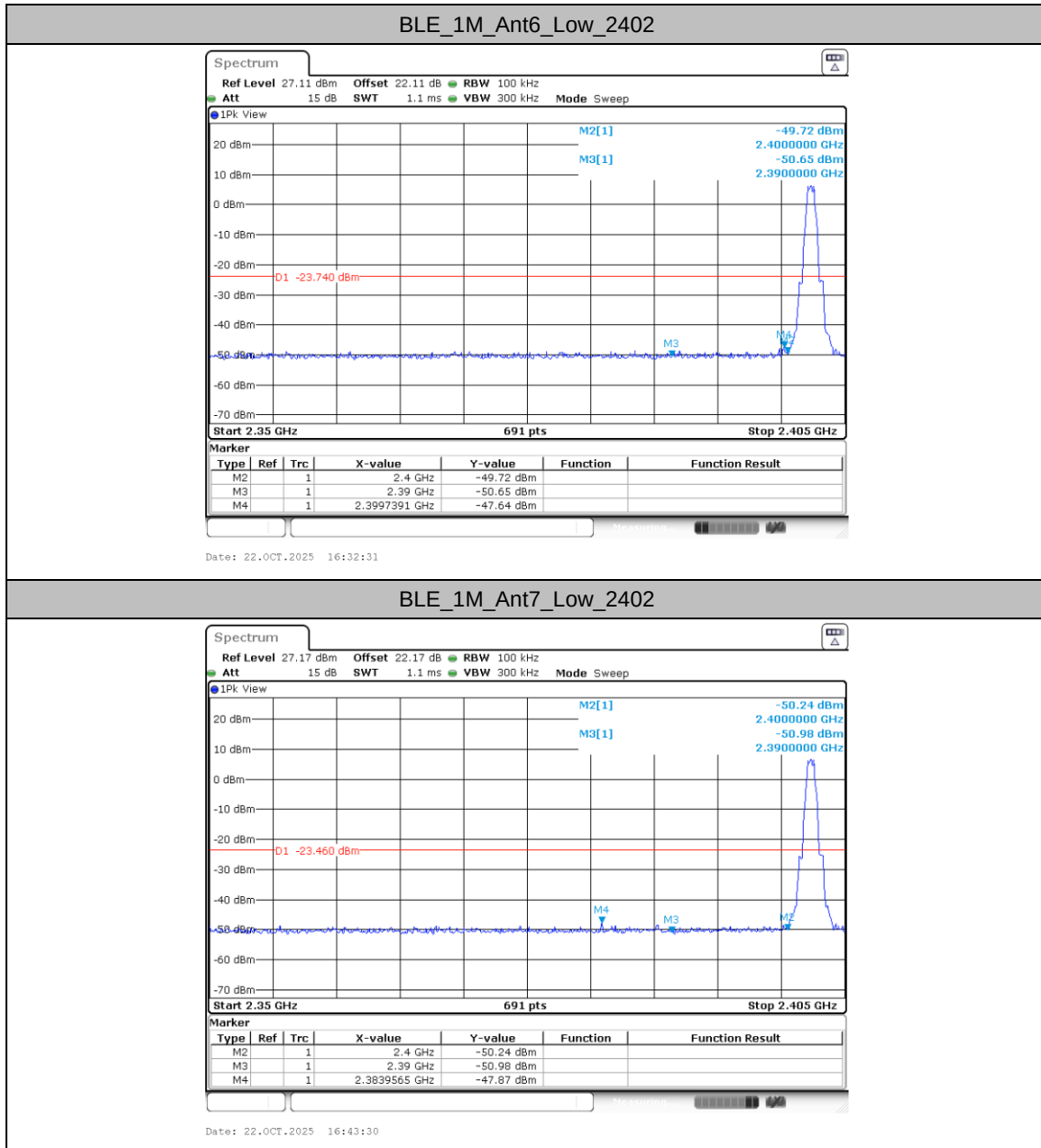
Band edge measurements

Test Result

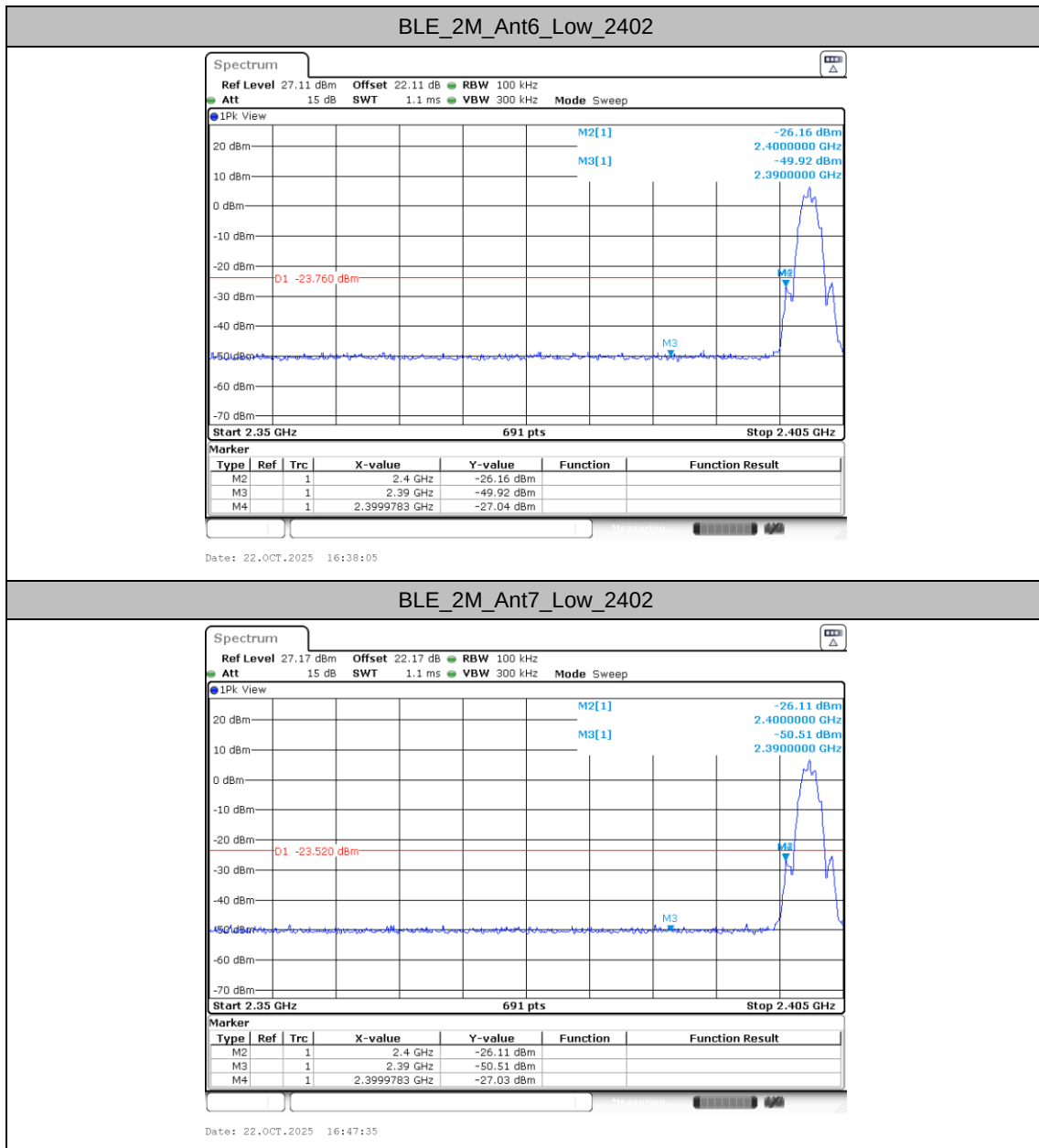
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm /100KHz]	Result[dBm /100KHz]	Limit[dBm /100KHz]	Verdict
BLE_1M	Ant6	Low	2402	6.26	-47.64	≤-23.74	PASS
	Ant7	Low	2402	6.54	-47.87	≤-23.46	PASS
	Ant6	High	2480	6.21	-47.86	≤-23.79	PASS
	Ant7	High	2480	5.63	-47.76	≤-24.37	PASS
BLE_2M	Ant6	Low	2402	6.24	-27.04	≤-23.76	PASS
	Ant7	Low	2402	6.48	-27.03	≤-23.52	PASS
	Ant6	High	2480	6.23	-47.5	≤-23.77	PASS
	Ant7	High	2480	5.63	-47.85	≤-24.37	PASS
BLE_125K	Ant6	Low	2402	5.98	-47.94	≤-24.02	PASS
	Ant7	Low	2402	5.79	-48.21	≤-24.21	PASS
	Ant6	High	2480	4.55	-47.3	≤-25.45	PASS
	Ant7	High	2480	4.43	-47.88	≤-25.57	PASS
BLE_500K	Ant6	Low	2402	6.81	-48.27	≤-23.19	PASS
	Ant7	Low	2402	7.00	-48.56	≤-23.00	PASS
	Ant6	High	2480	6.82	-47.13	≤-23.18	PASS
	Ant7	High	2480	6.17	-47.89	≤-23.83	PASS

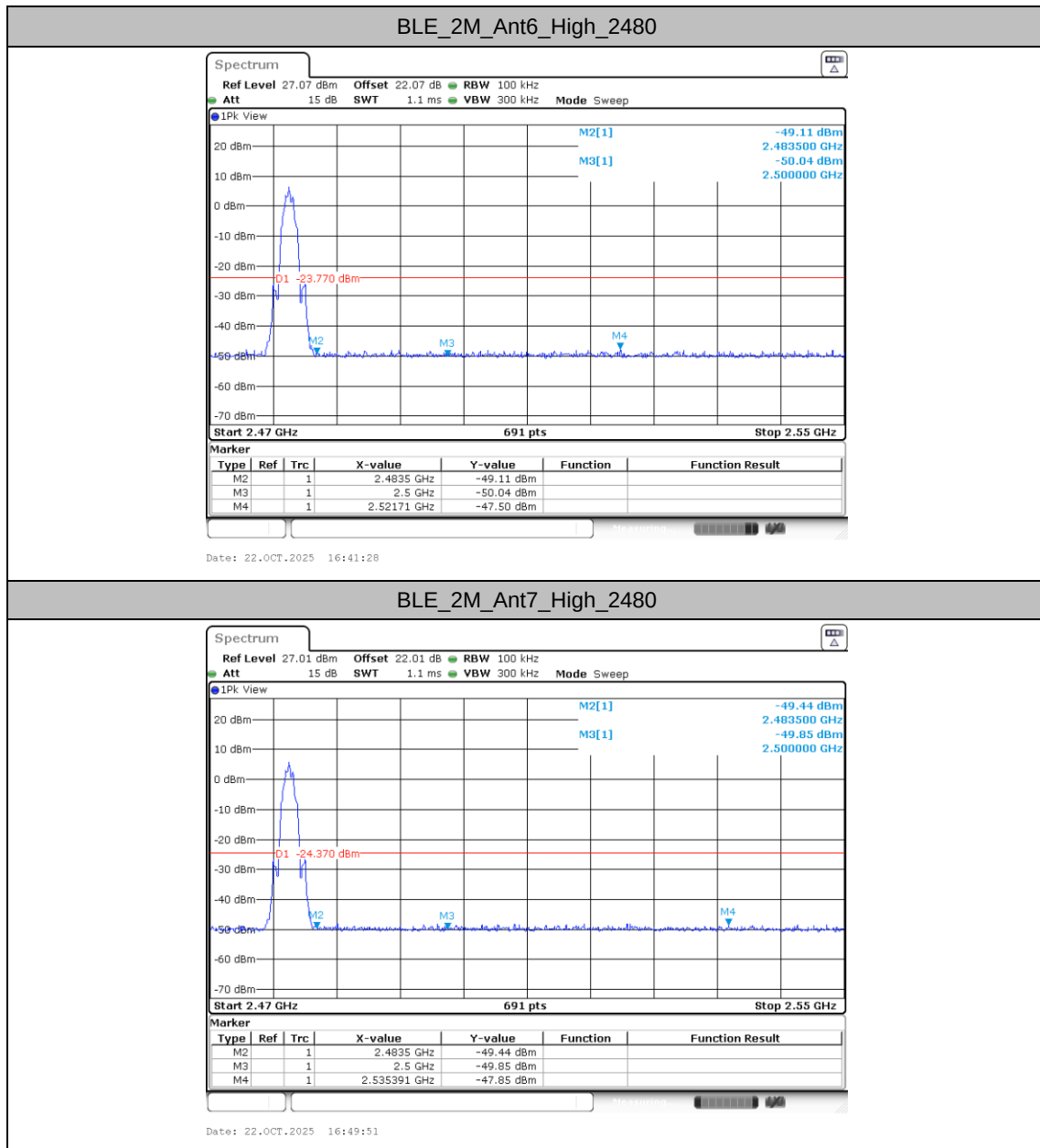


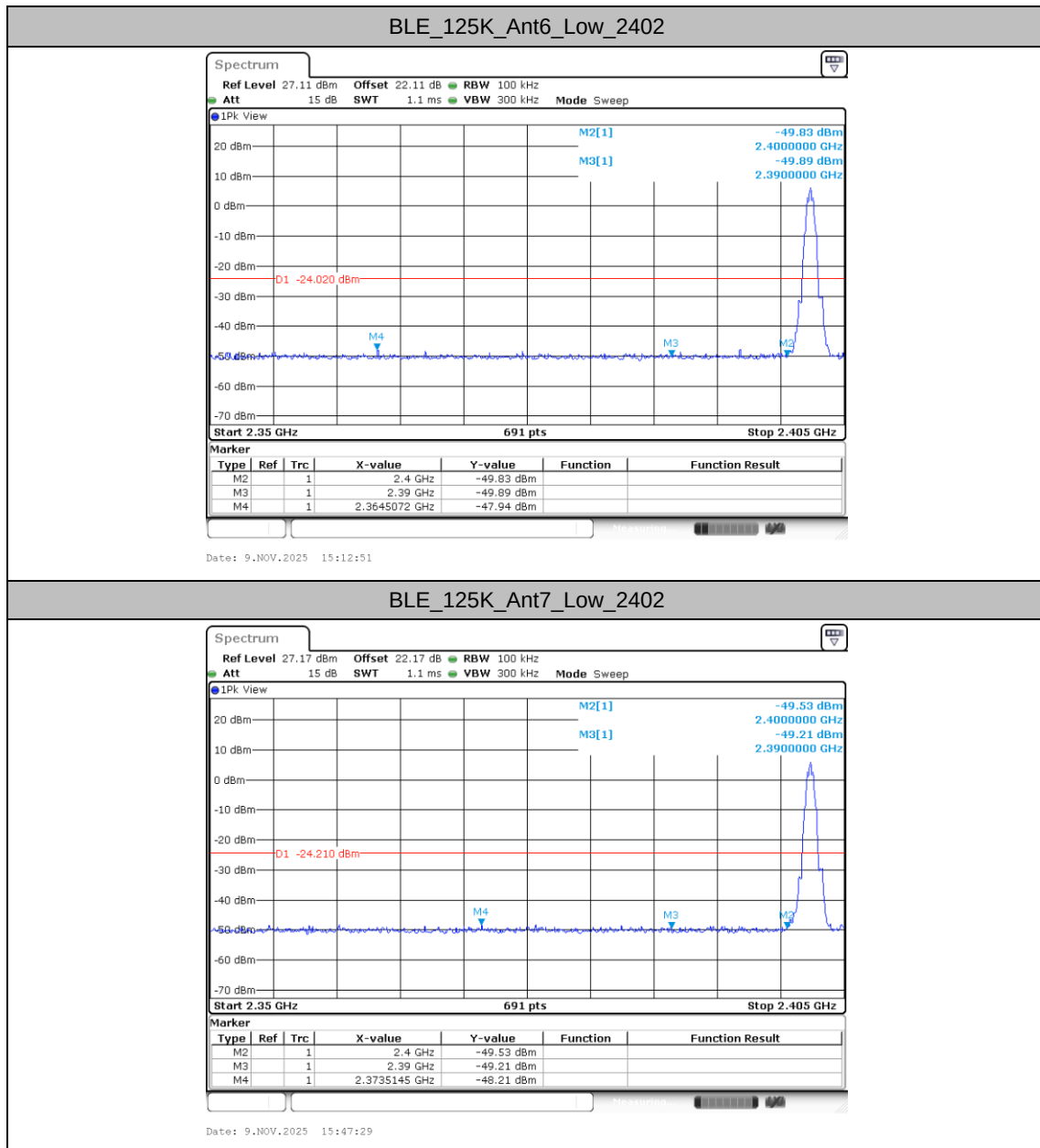
Test Graphs



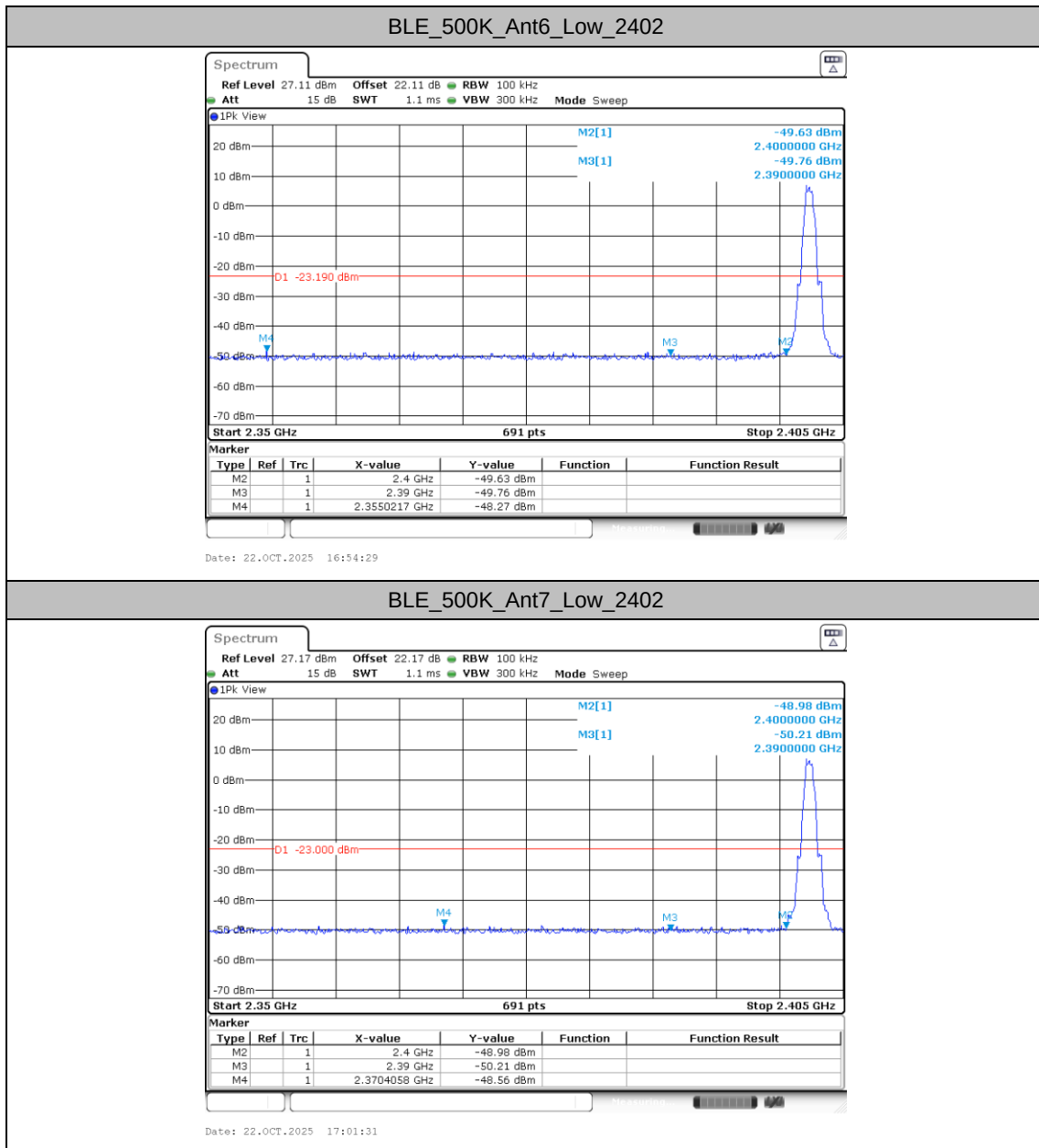
















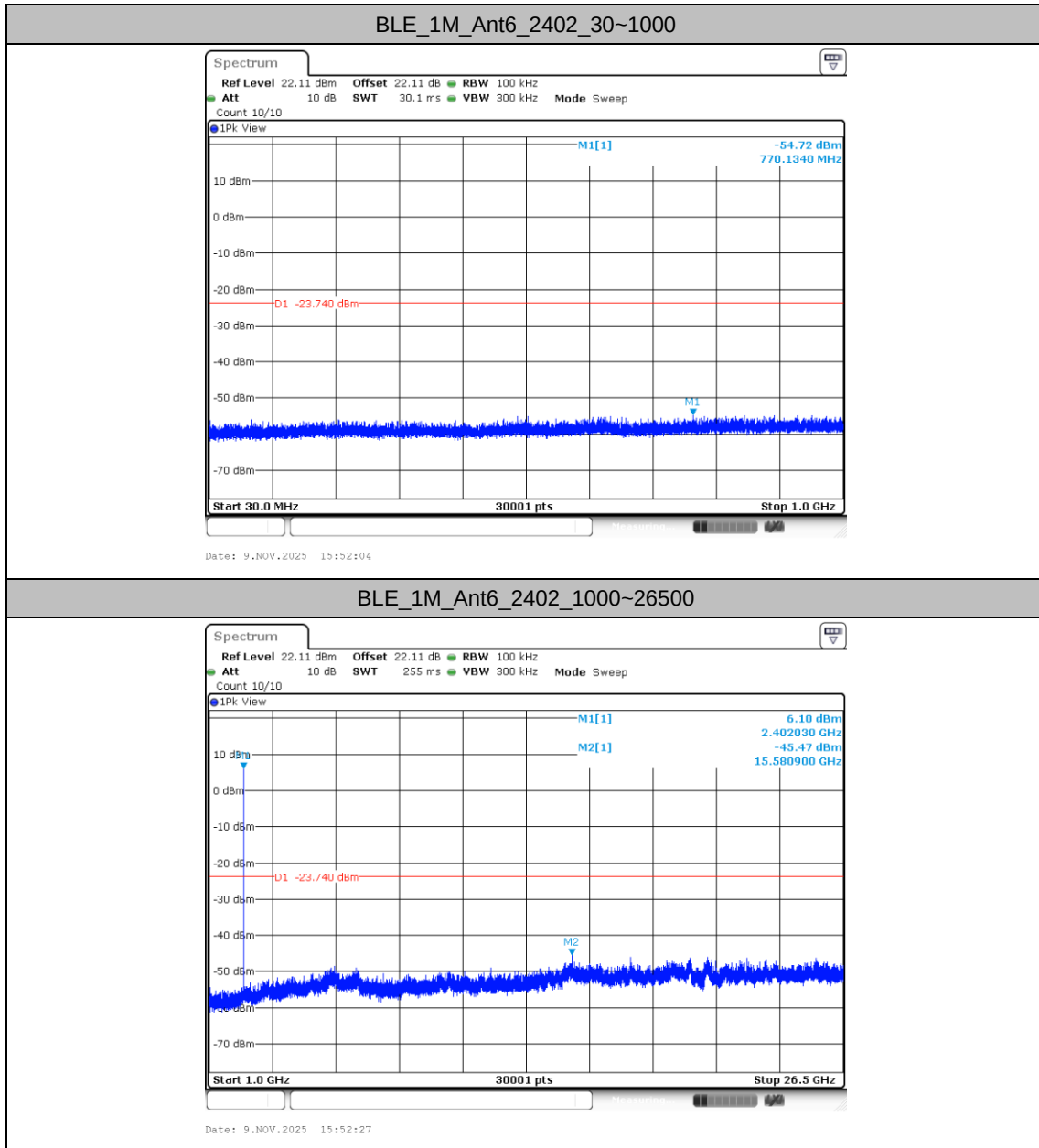
Conducted Spurious Emission

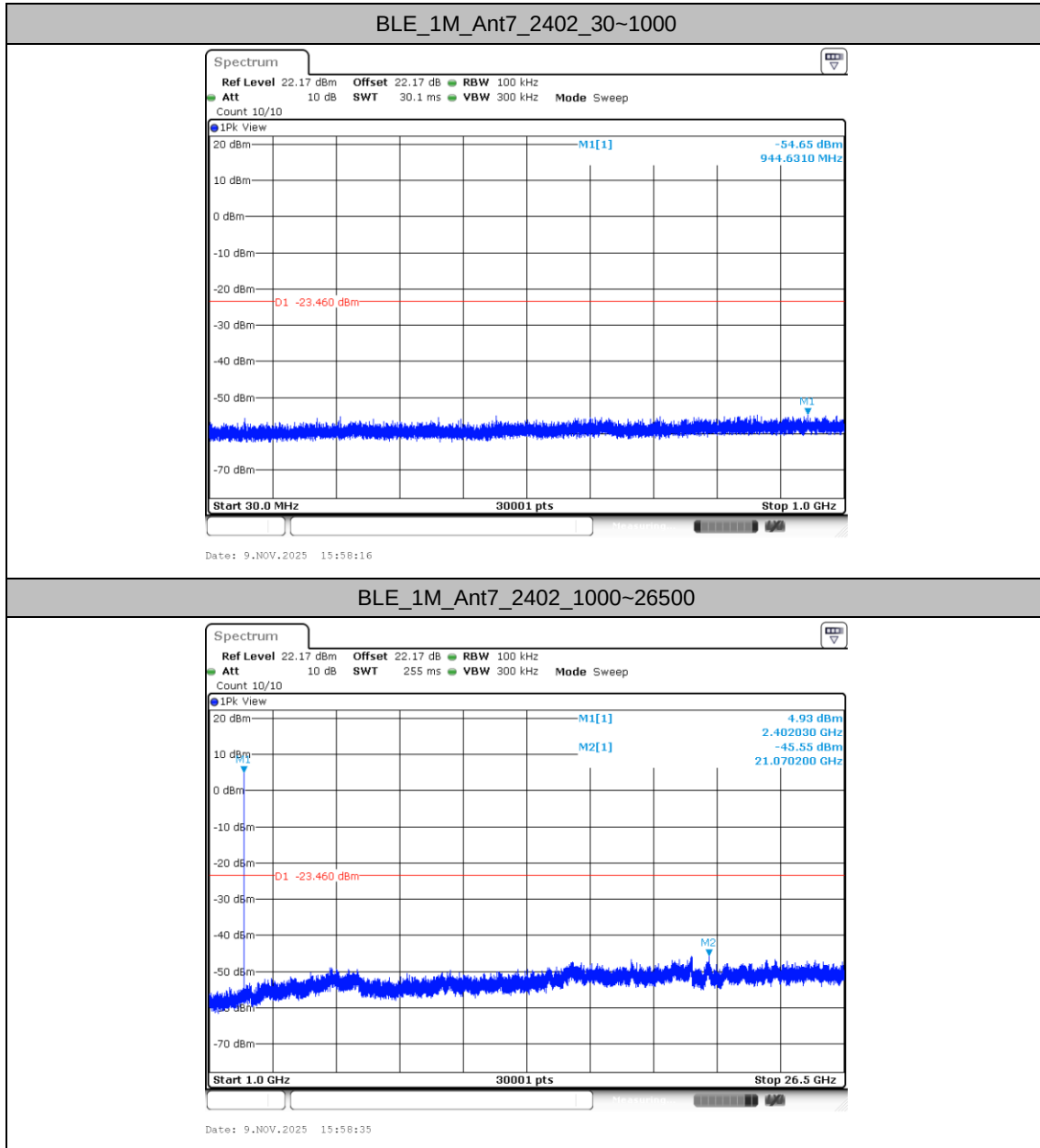
Test Result

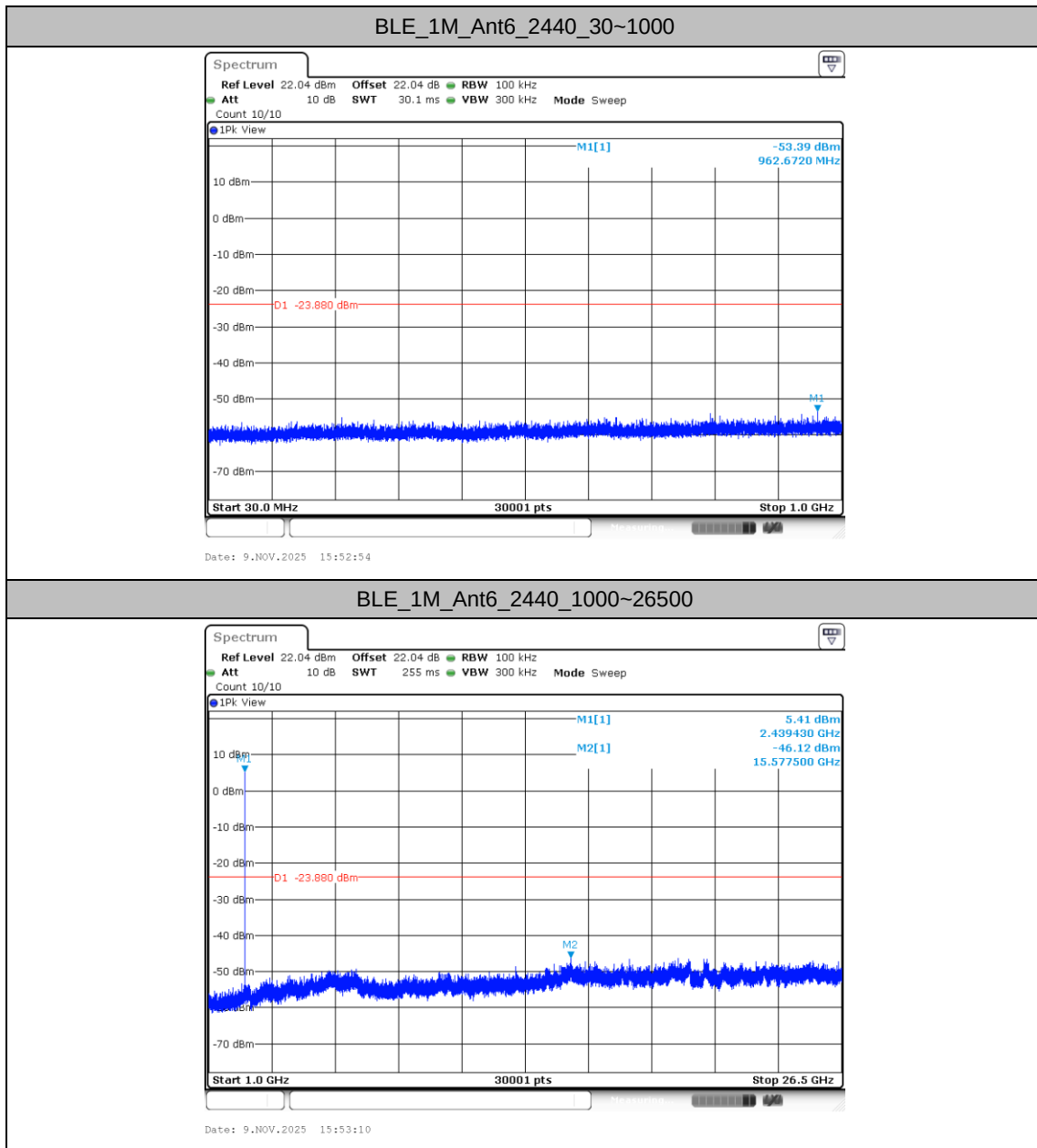
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
BLE_1M	Ant6	2402	30~1000	6.26	-54.72	≤-23.74	PASS
			1000~26500	6.26	-45.47	≤-23.74	PASS
	Ant7	2402	30~1000	6.54	-54.65	≤-23.46	PASS
			1000~26500	6.54	-45.55	≤-23.46	PASS
	Ant6	2440	30~1000	6.12	-53.39	≤-23.88	PASS
			1000~26500	6.12	-46.12	≤-23.88	PASS
	Ant7	2440	30~1000	6.13	-54.37	≤-23.87	PASS
			1000~26500	6.13	-45.61	≤-23.87	PASS
	Ant6	2480	30~1000	6.21	-54.1	≤-23.79	PASS
			1000~26500	6.21	-45.4	≤-23.79	PASS
	Ant7	2480	30~1000	5.63	-54.27	≤-24.37	PASS
			1000~26500	5.63	-45.88	≤-24.37	PASS
BLE_2M	Ant6	2402	30~1000	6.24	-53.68	≤-23.76	PASS
			1000~26500	6.24	-45.69	≤-23.76	PASS
	Ant7	2402	30~1000	6.48	-53.58	≤-23.52	PASS
			1000~26500	6.48	-46.29	≤-23.52	PASS
	Ant6	2440	30~1000	6.16	-54.79	≤-23.84	PASS
			1000~26500	6.16	-44.85	≤-23.84	PASS
	Ant7	2440	30~1000	6.12	-54.43	≤-23.88	PASS
			1000~26500	6.12	-45.82	≤-23.88	PASS
	Ant6	2480	30~1000	6.23	-54.2	≤-23.77	PASS
			1000~26500	6.23	-45.47	≤-23.77	PASS
	Ant7	2480	30~1000	5.63	-54.16	≤-24.37	PASS
			1000~26500	5.63	-45.62	≤-24.37	PASS
BLE_125K	Ant6	2402	30~1000	5.98	-54.04	≤-24.02	PASS
			1000~26500	5.98	-46.04	≤-24.02	PASS
	Ant7	2402	30~1000	5.79	-54.25	≤-24.21	PASS
			1000~26500	5.79	-45.76	≤-24.21	PASS
	Ant6	2440	30~1000	5.92	-54.15	≤-24.08	PASS
			1000~26500	5.92	-45.92	≤-24.08	PASS
	Ant7	2440	30~1000	5.98	-54.09	≤-24.02	PASS
			1000~26500	5.98	-46.47	≤-24.02	PASS
	Ant6	2480	30~1000	4.55	-53.97	≤-25.45	PASS
			1000~26500	4.55	-45.7	≤-25.45	PASS
	Ant7	2480	30~1000	4.43	-53.94	≤-25.57	PASS
			1000~26500	4.43	-46.02	≤-25.57	PASS
BLE_500K	Ant6	2402	30~1000	6.81	-54.09	≤-23.19	PASS
			1000~26500	6.81	-44.91	≤-23.19	PASS
	Ant7	2402	30~1000	7.00	-53.95	≤-23.00	PASS
			1000~26500	7.00	-45.82	≤-23.00	PASS
	Ant6	2440	30~1000	6.73	-53.91	≤-23.27	PASS
			1000~26500	6.73	-46	≤-23.27	PASS
	Ant7	2440	30~1000	6.64	-54.25	≤-23.36	PASS
			1000~26500	6.64	-45.15	≤-23.36	PASS
	Ant6	2480	30~1000	6.82	-53.62	≤-23.18	PASS
			1000~26500	6.82	-46.17	≤-23.18	PASS
	Ant7	2480	30~1000	6.17	-54.62	≤-23.83	PASS
			1000~26500	6.17	-45.28	≤-23.83	PASS

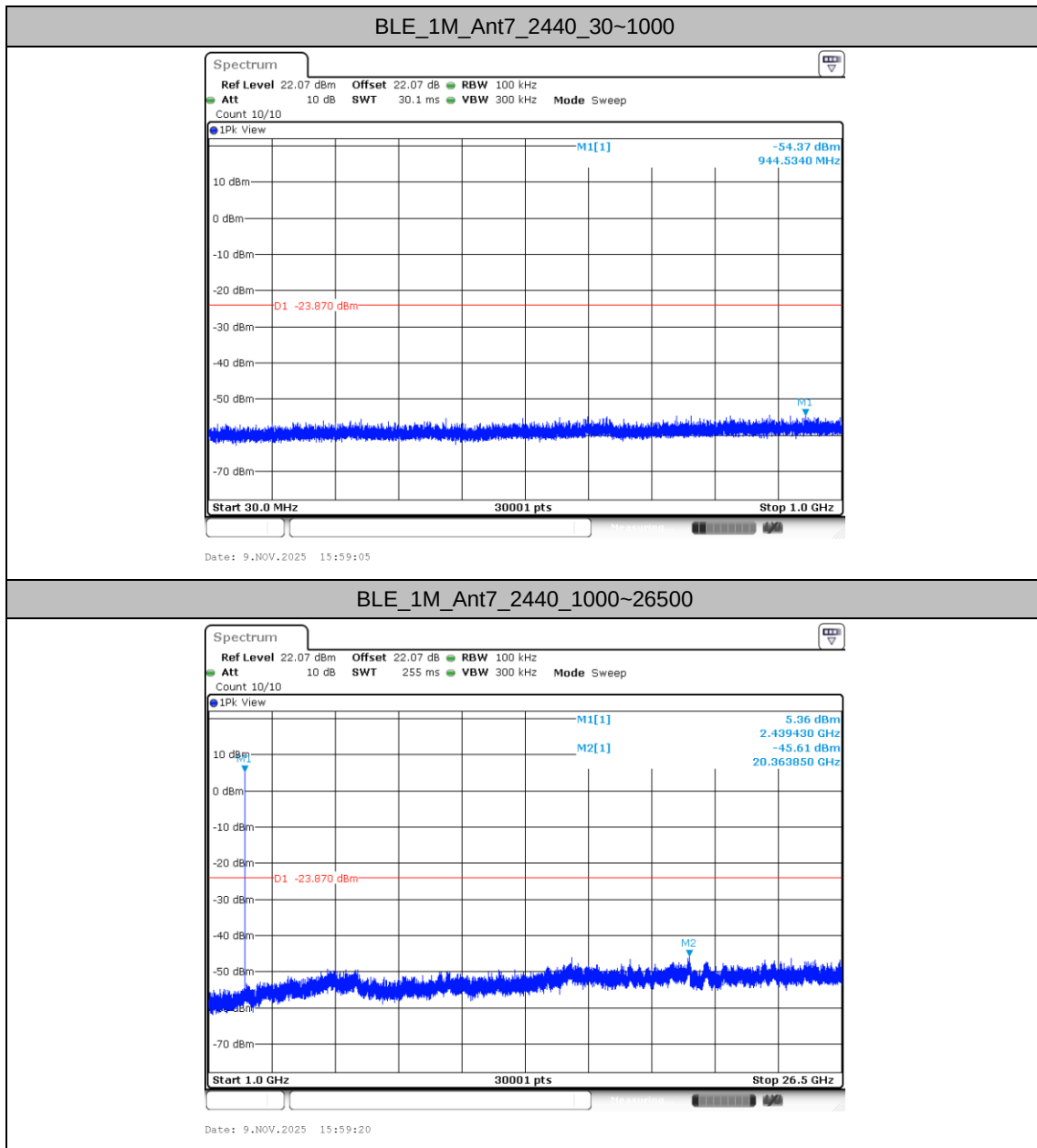


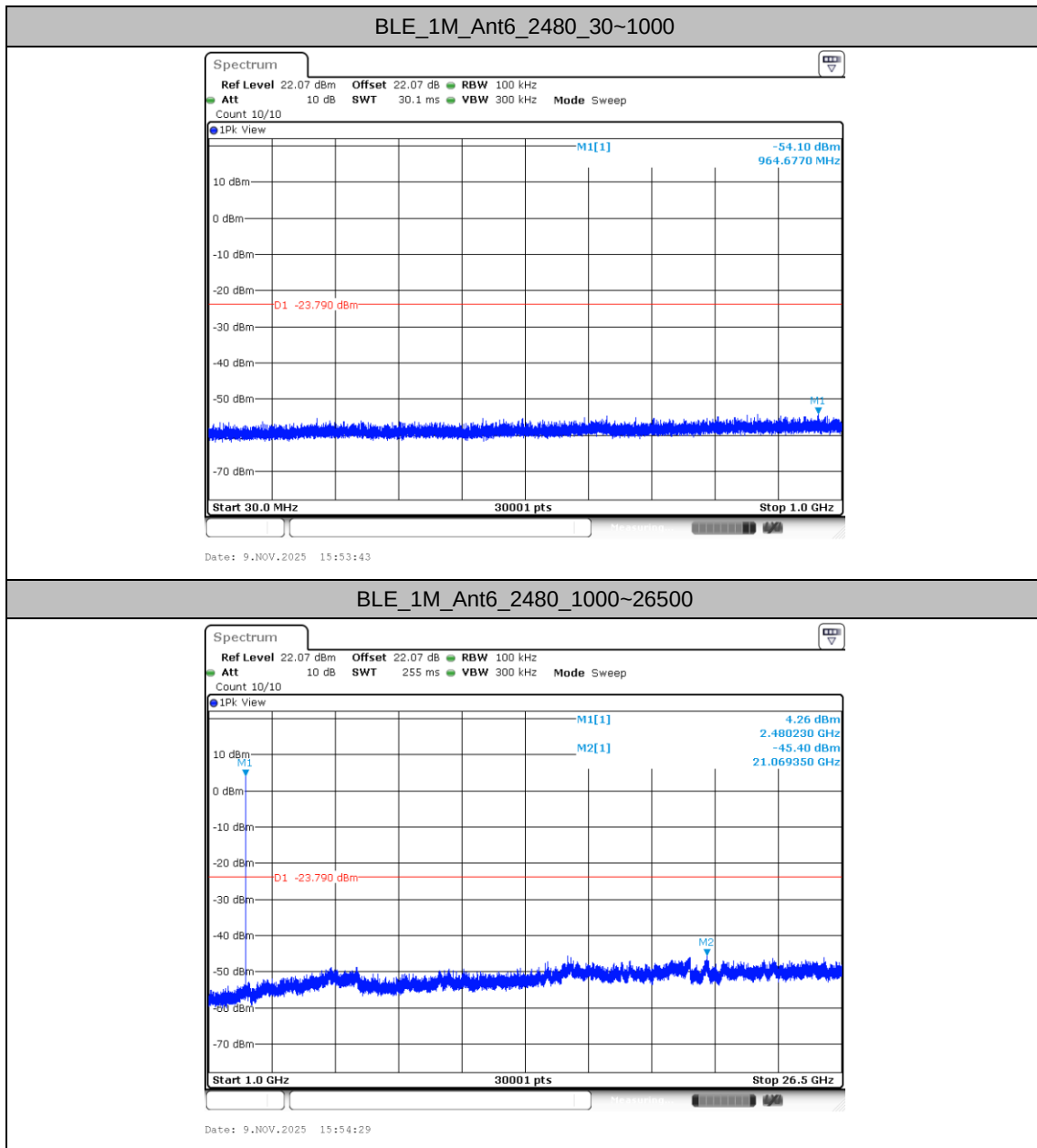
Test Graphs

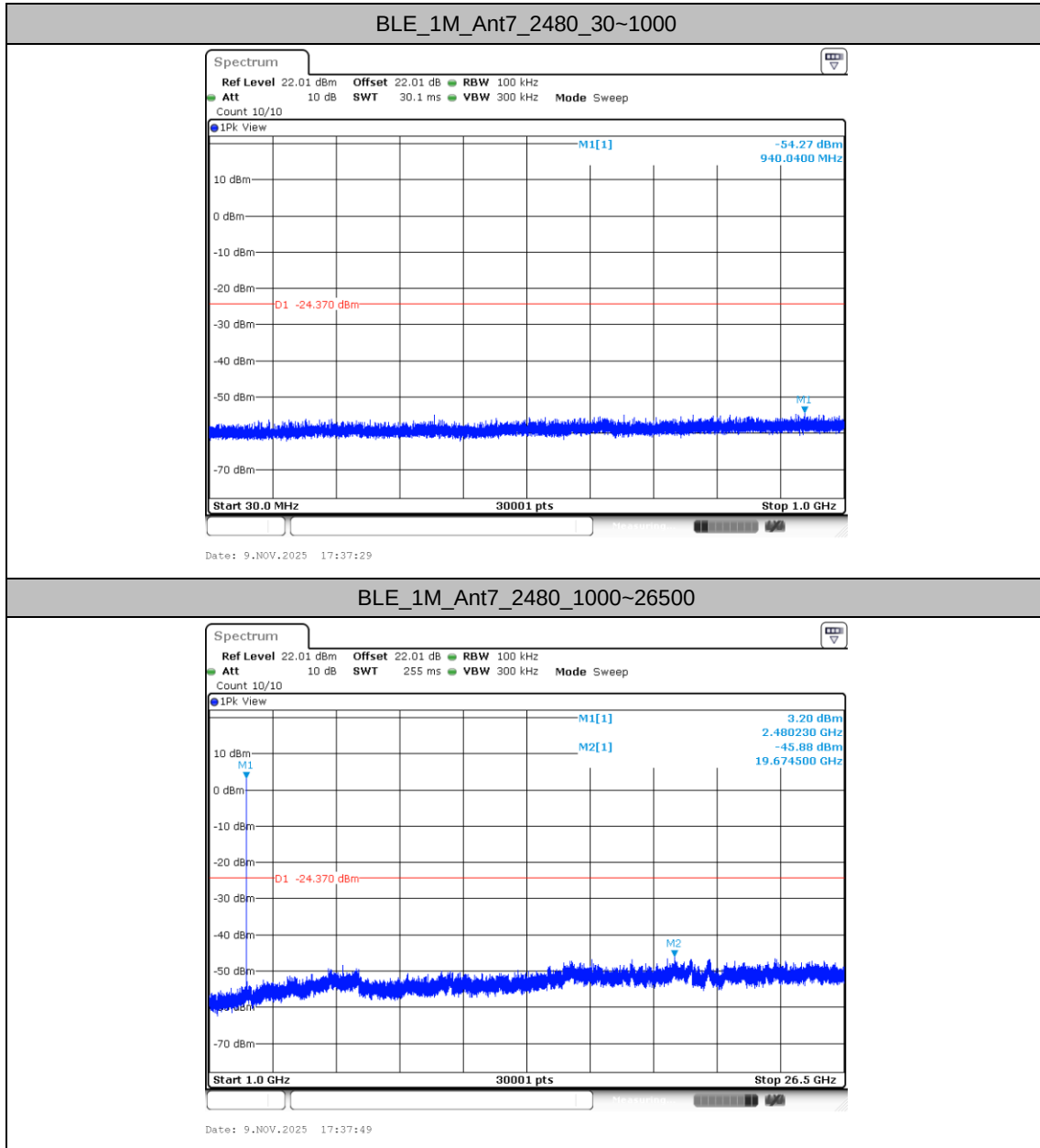


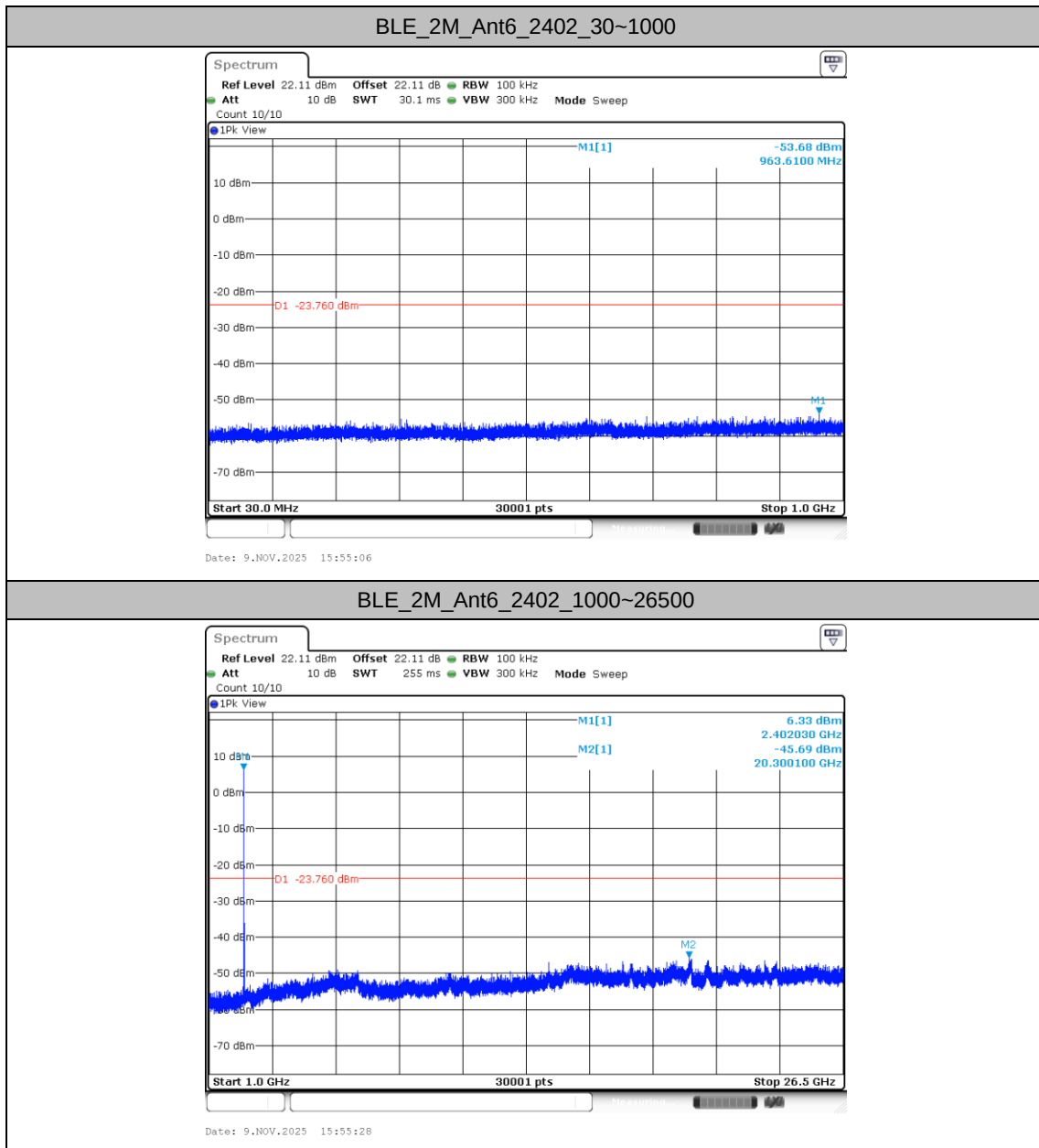


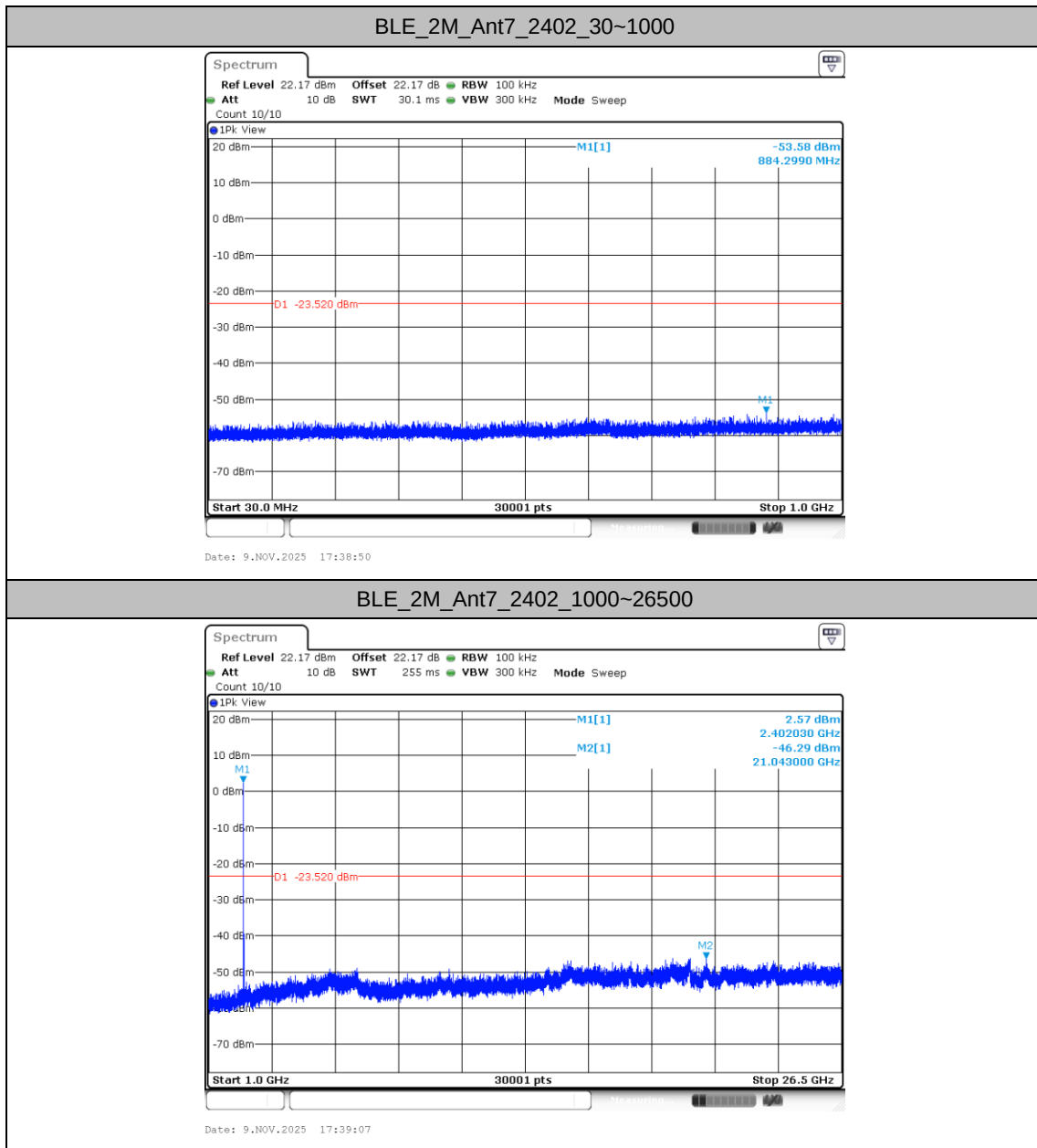


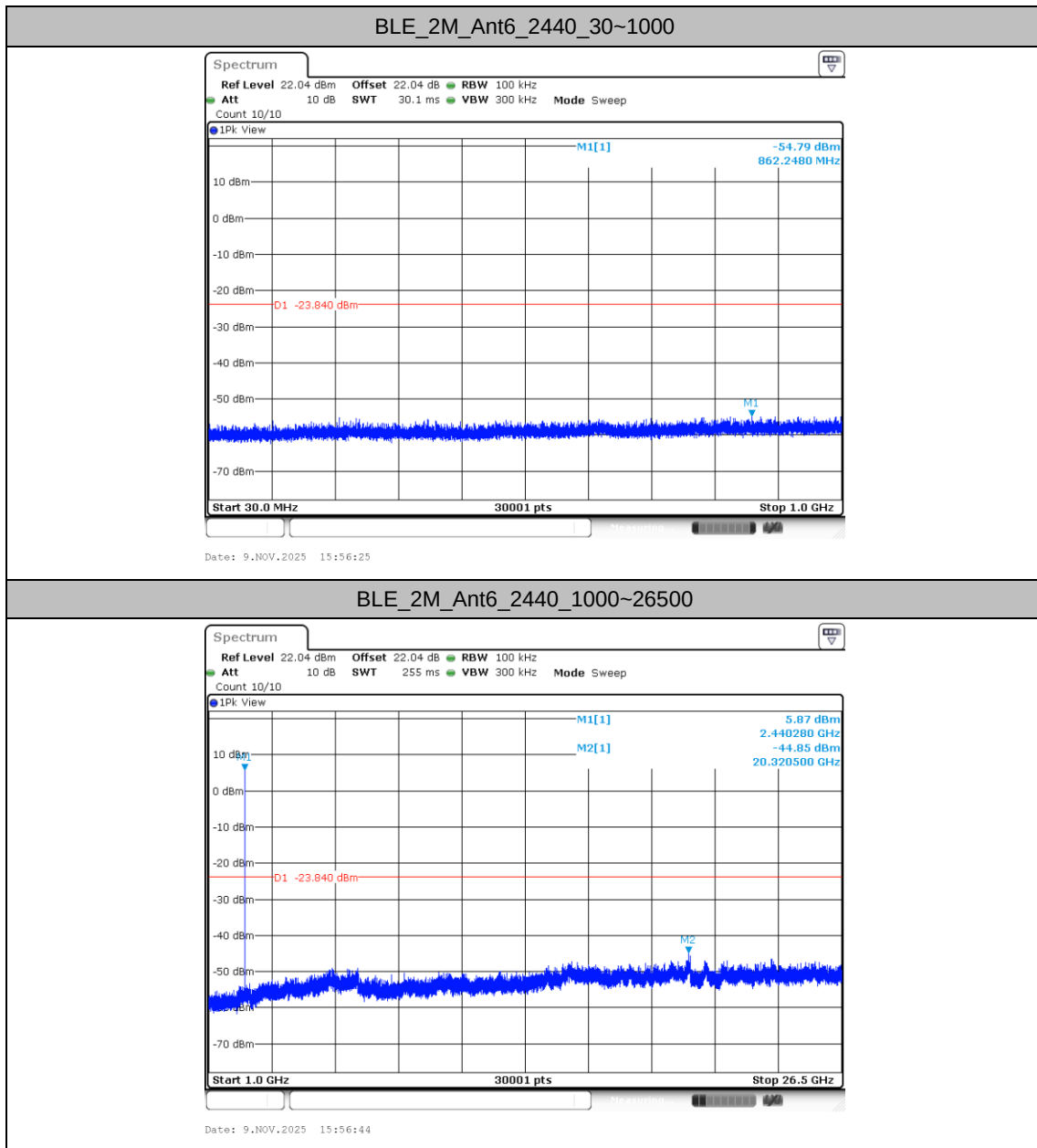


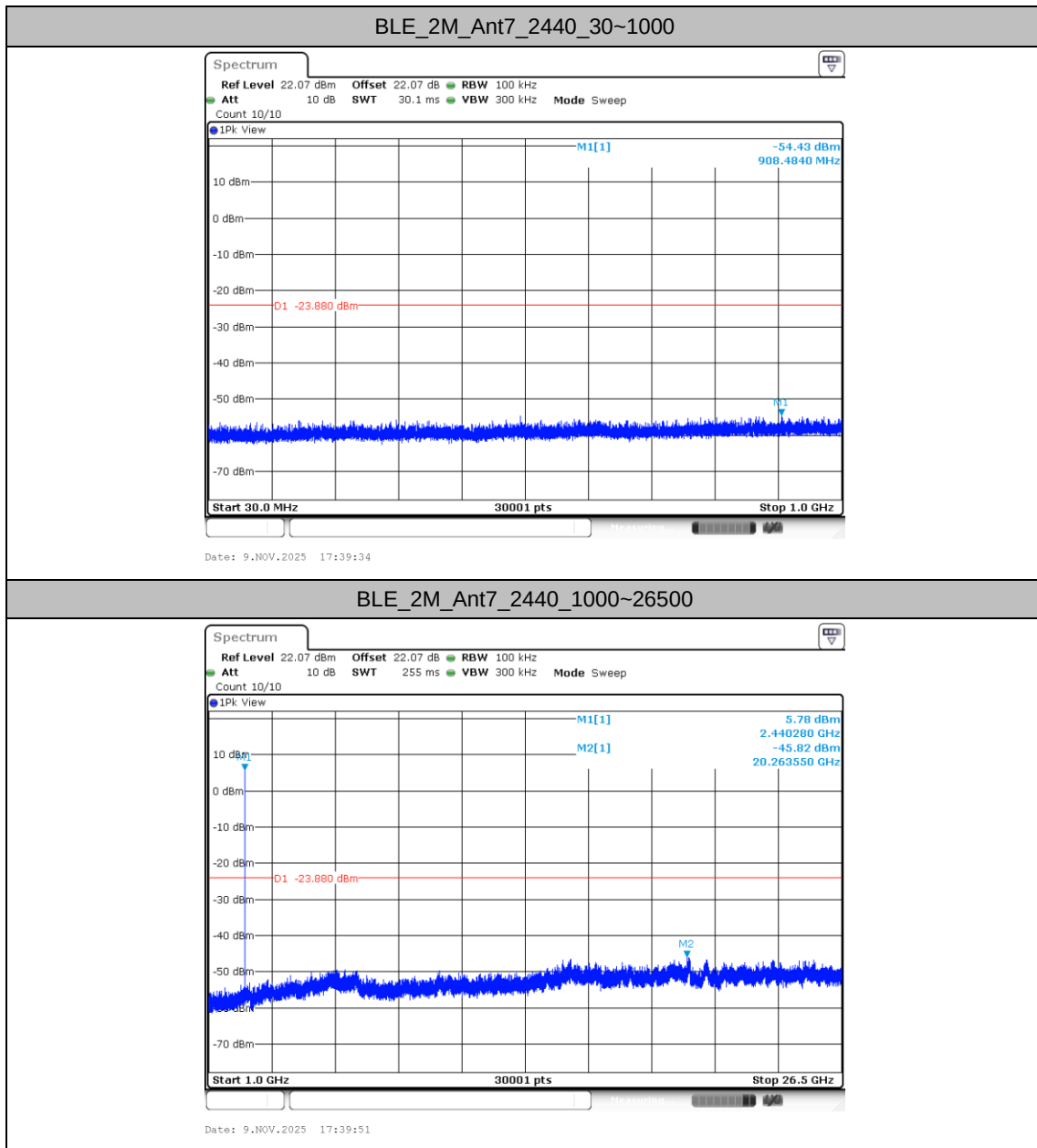


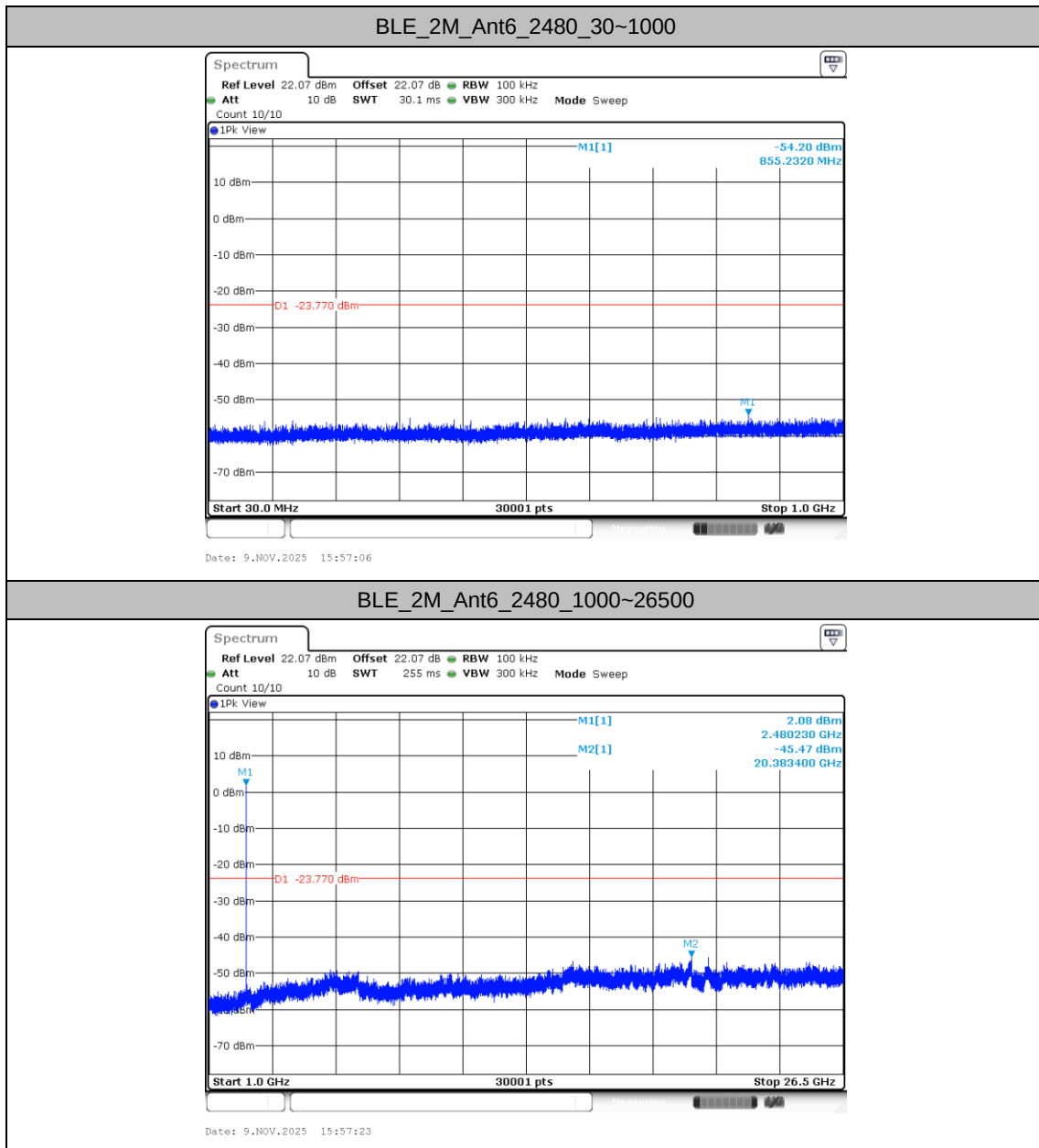


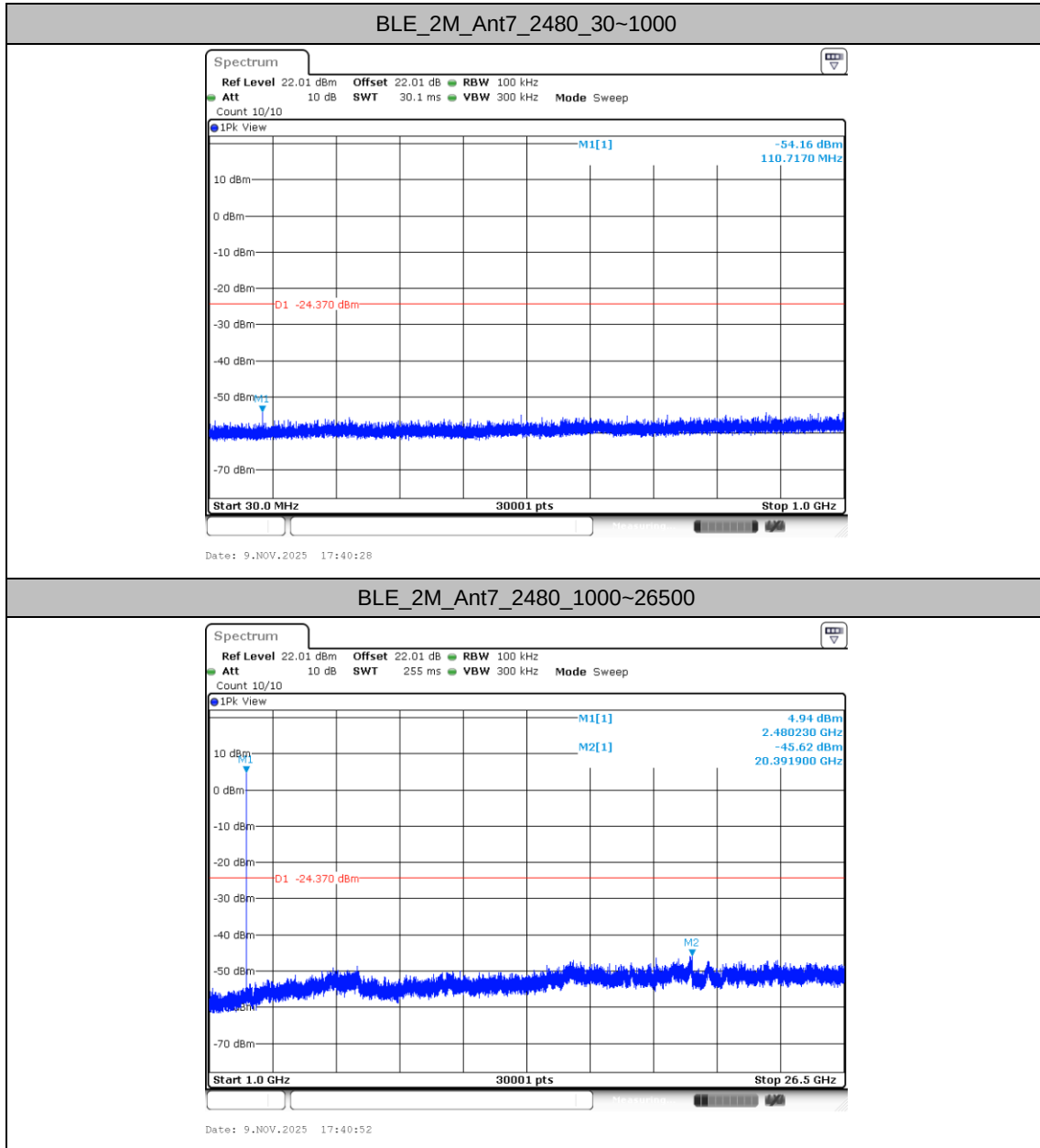


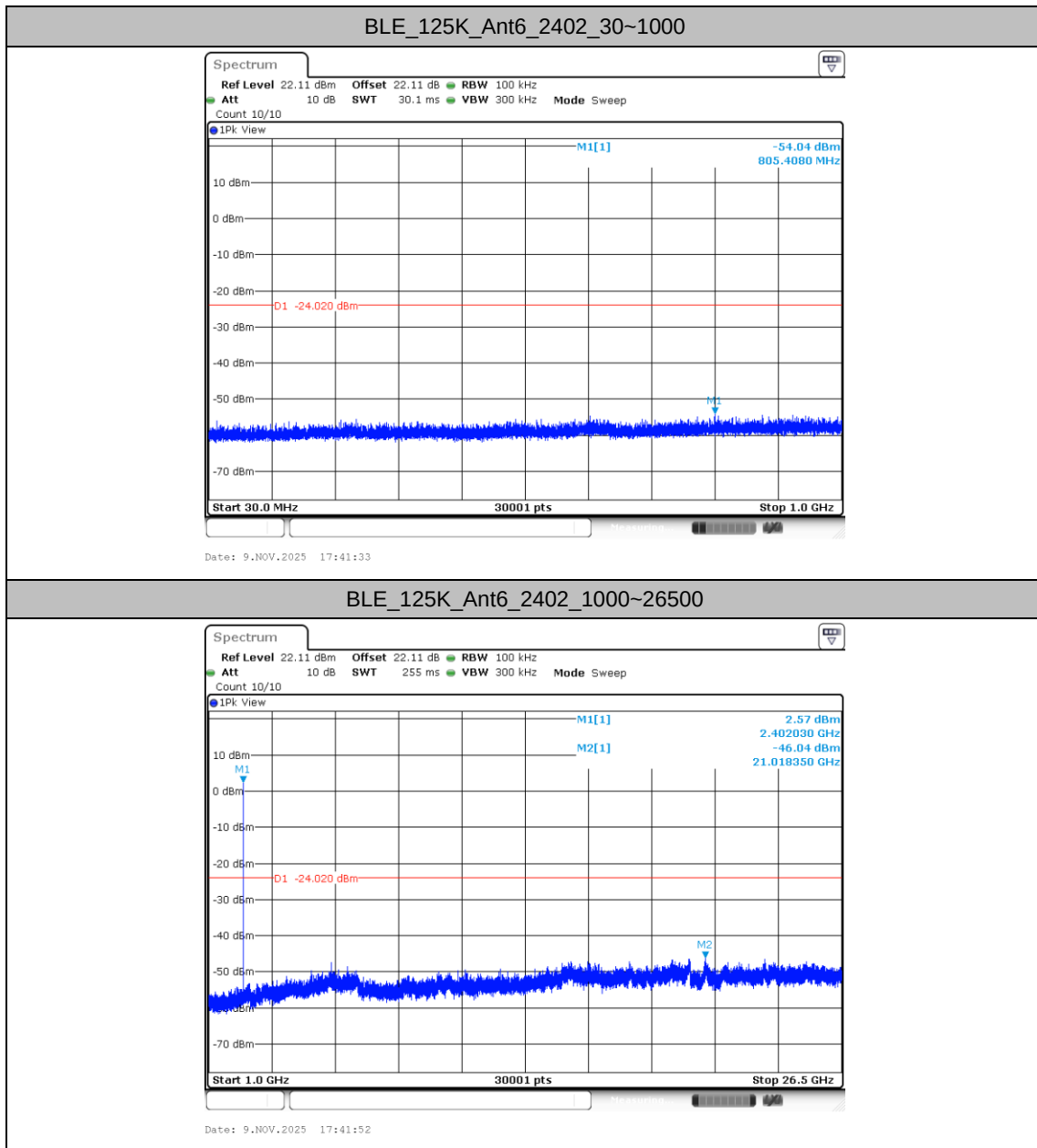


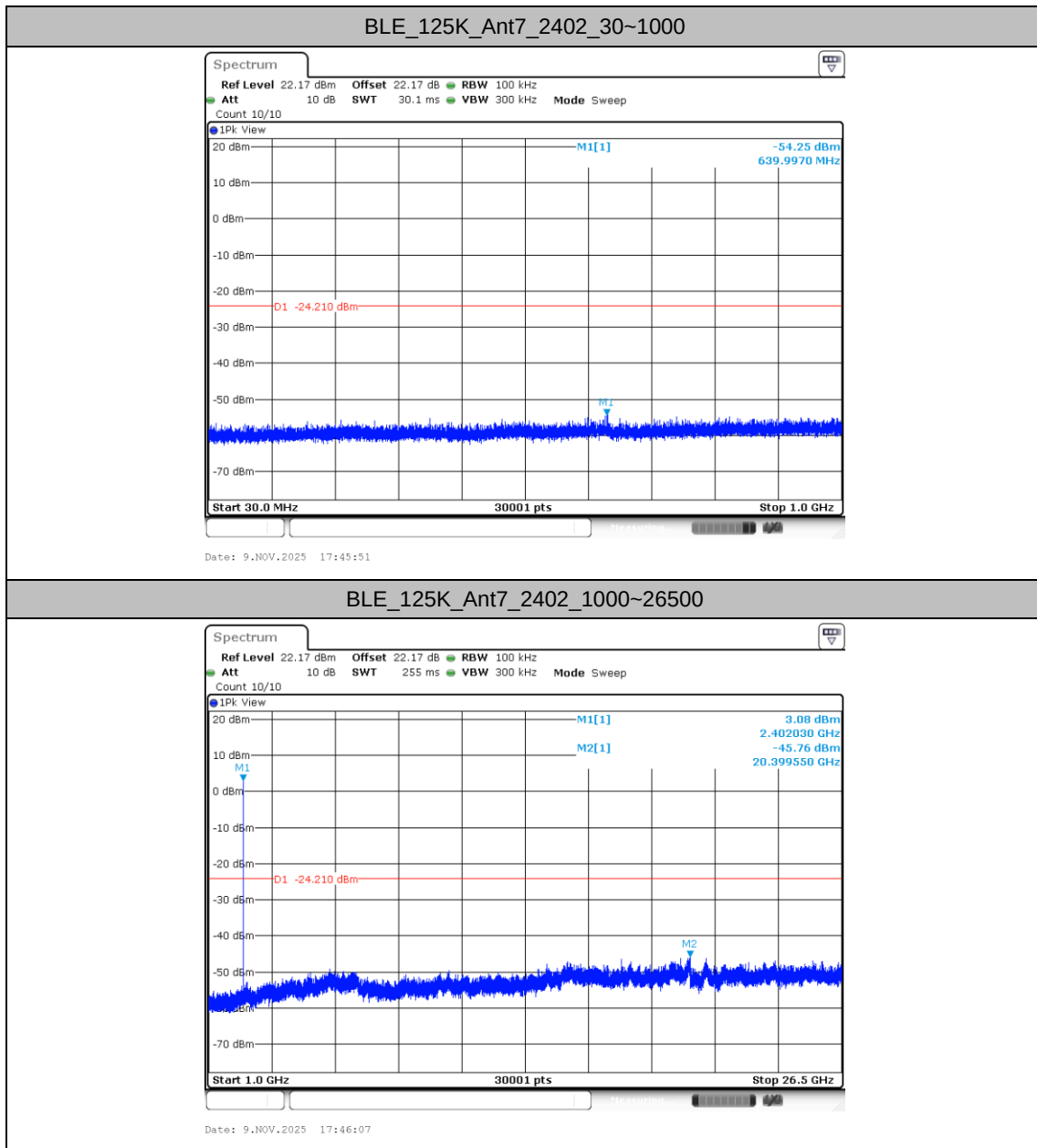


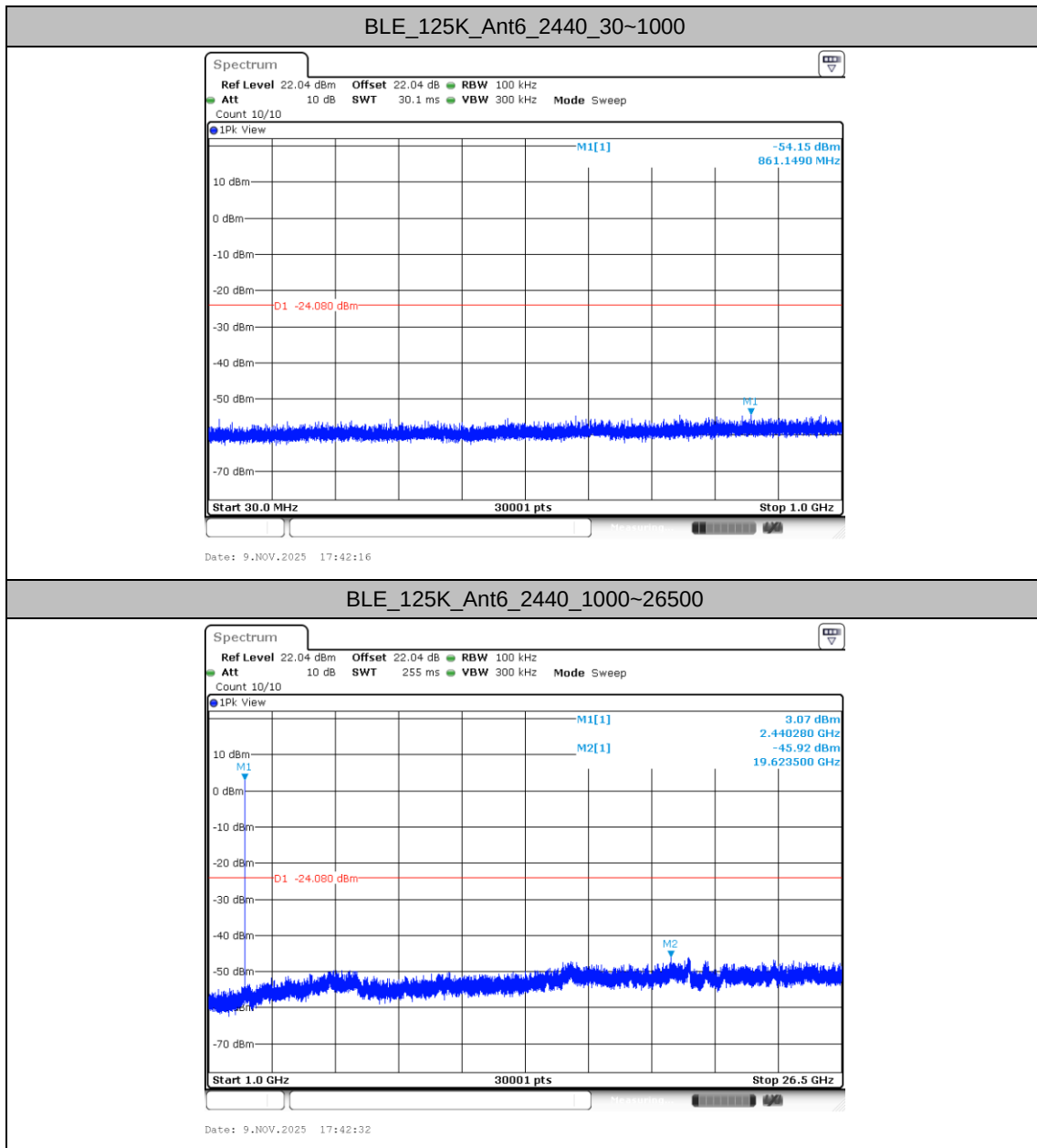


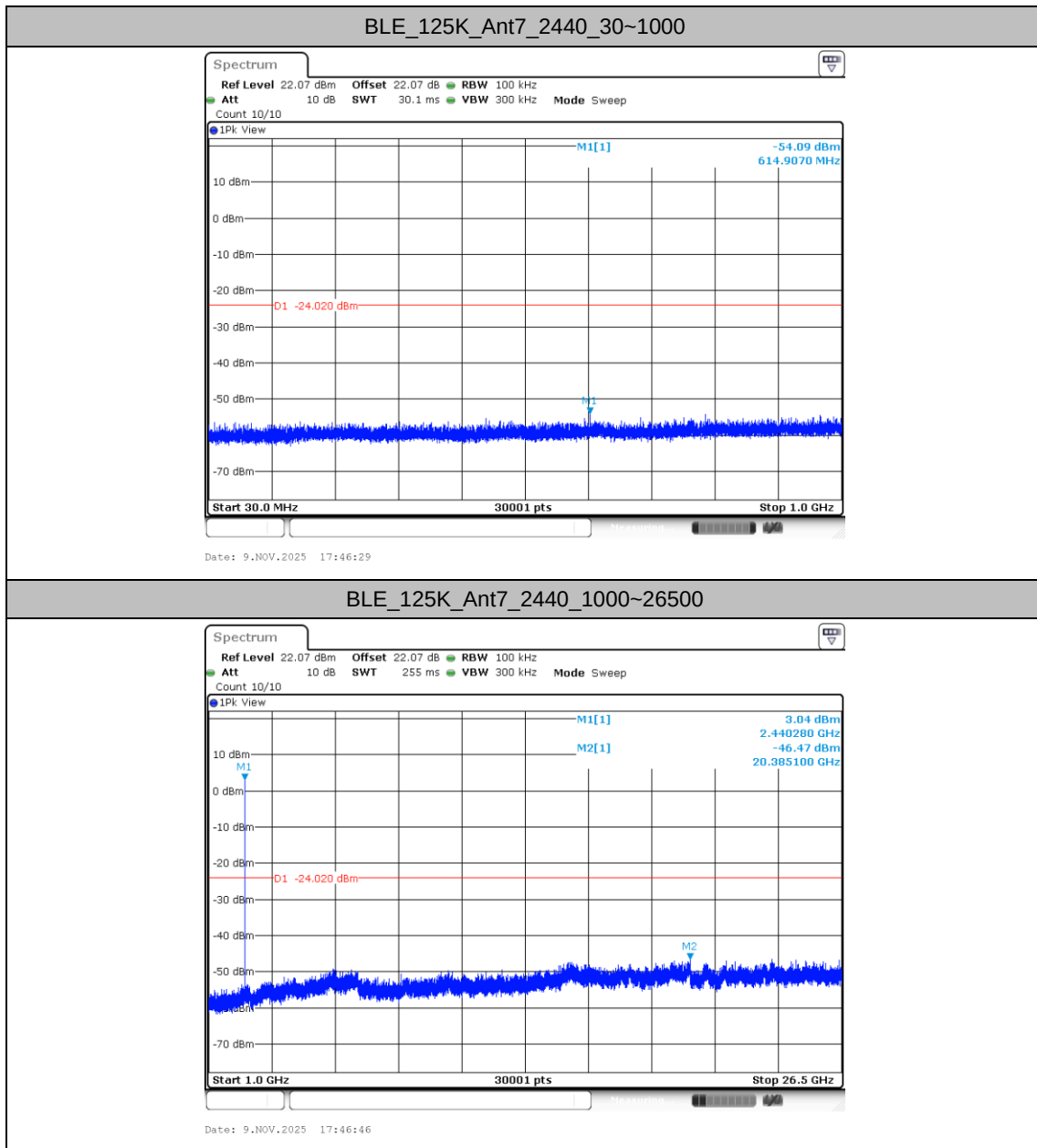


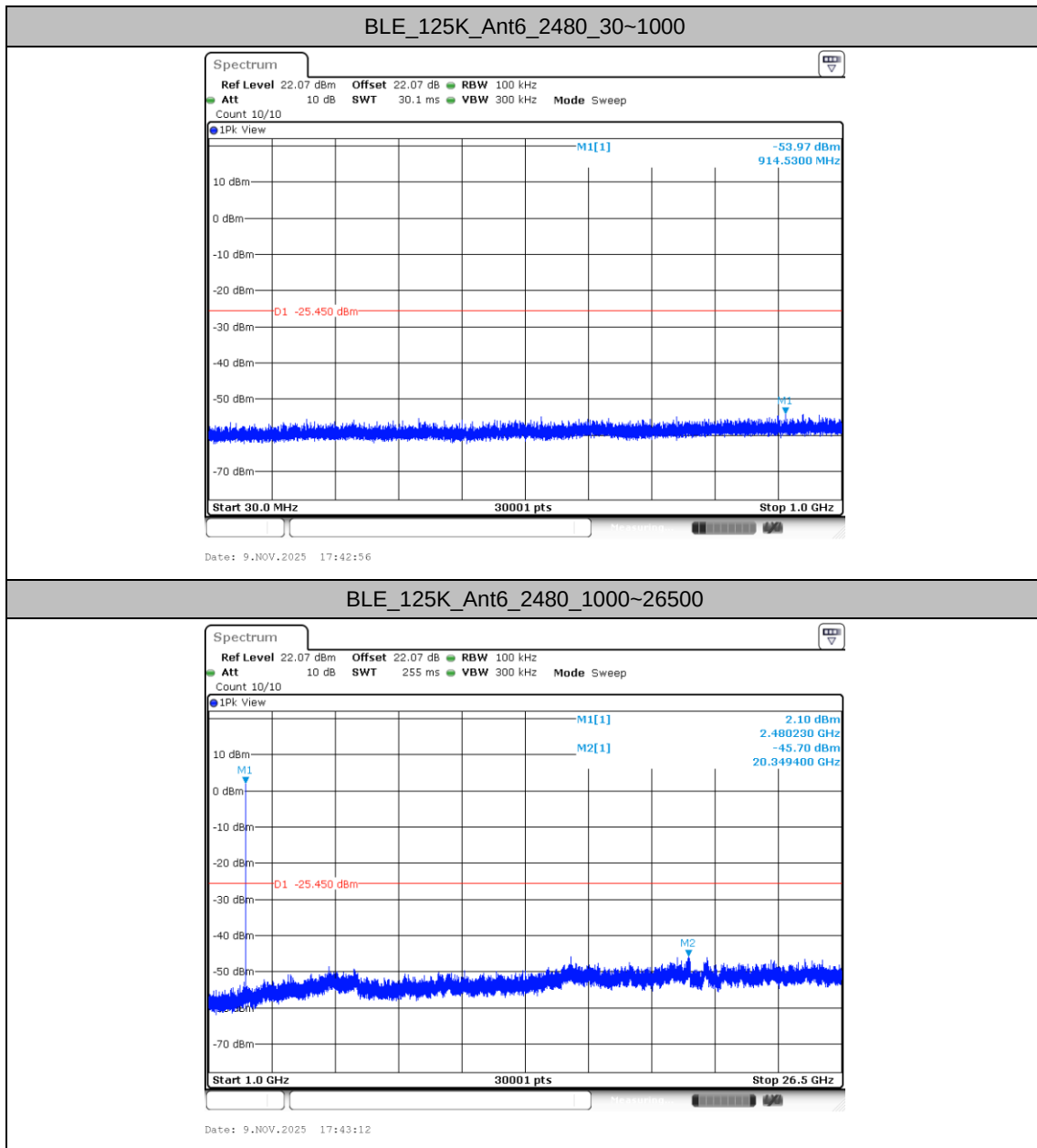


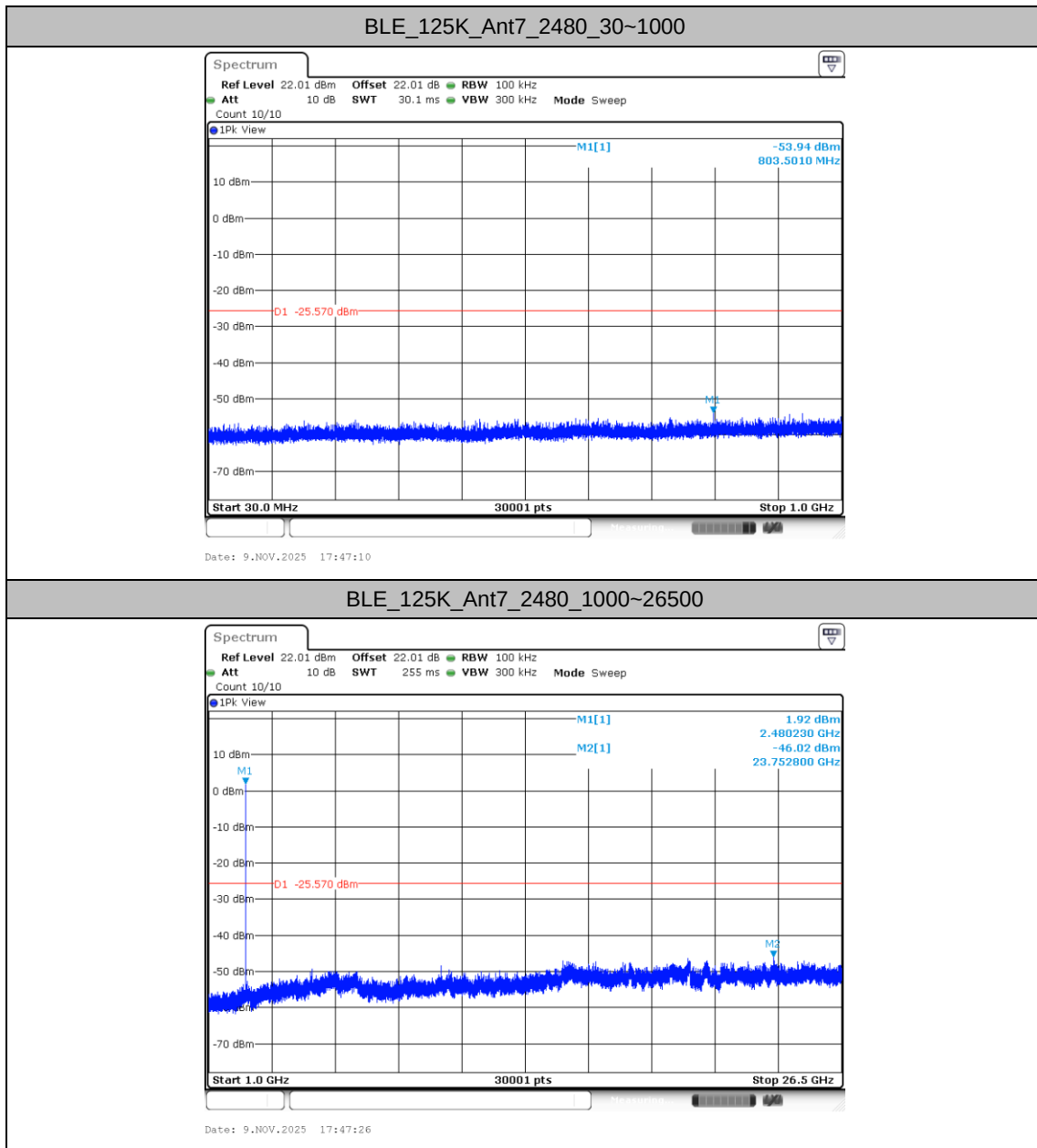


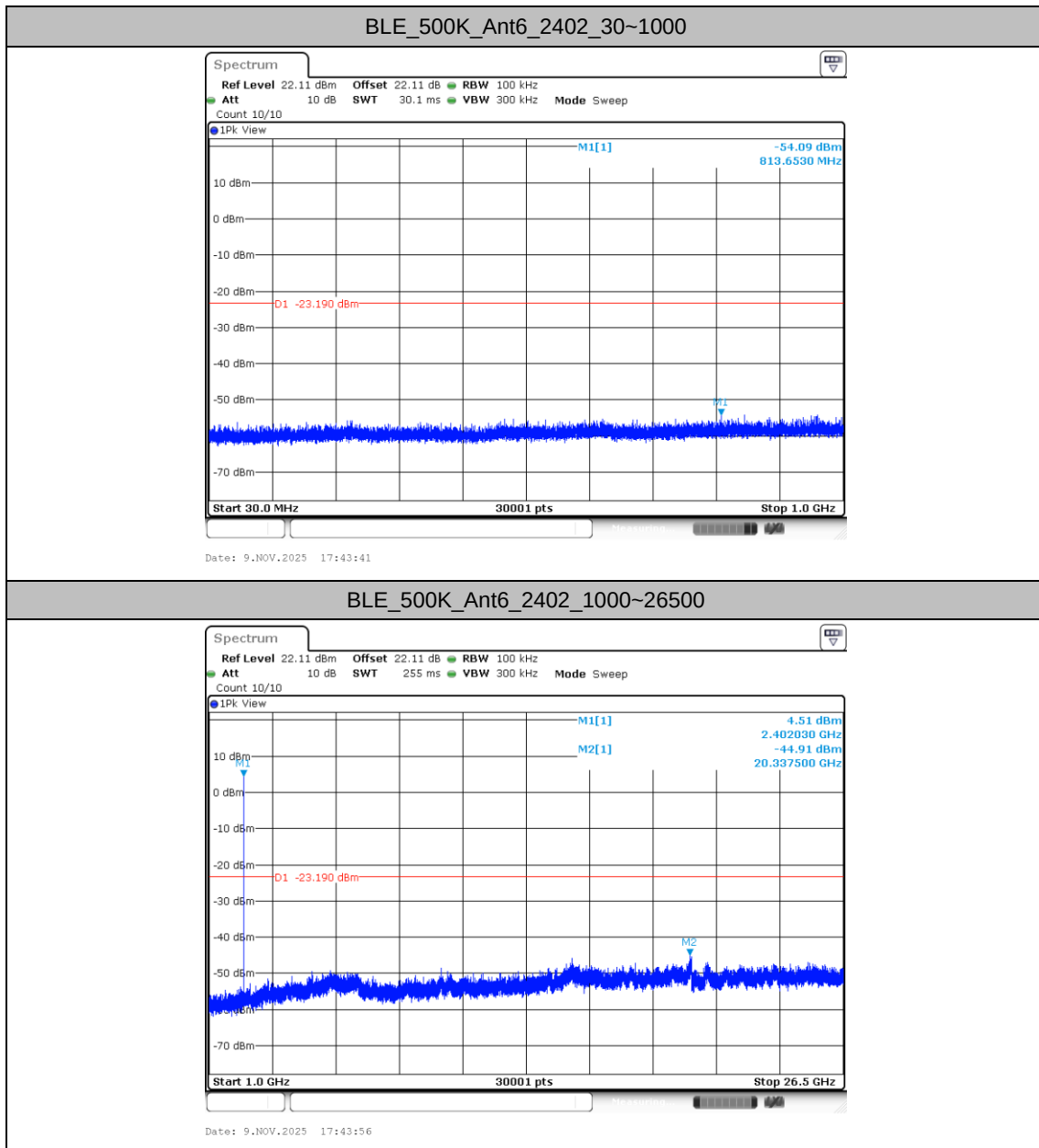


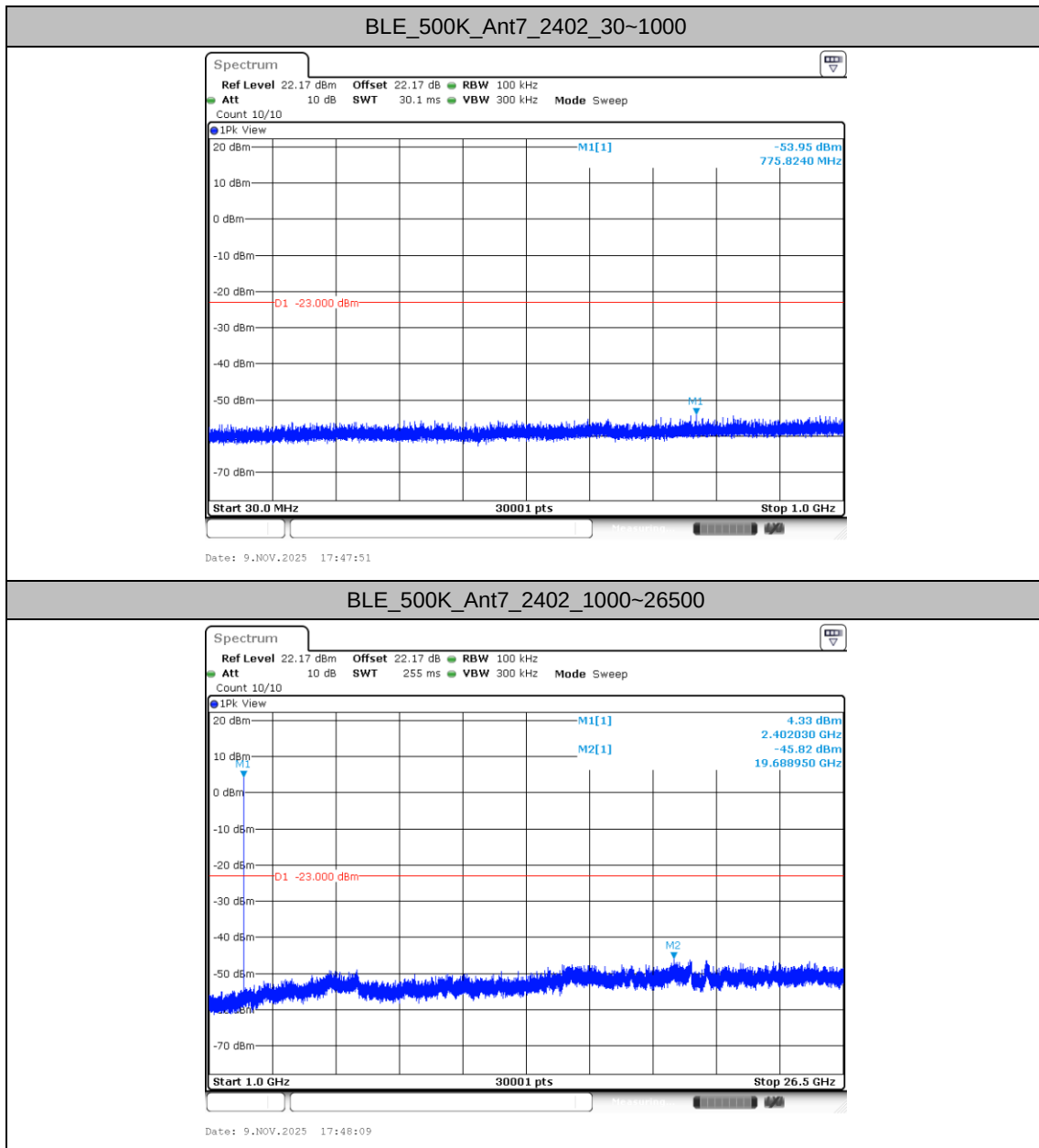


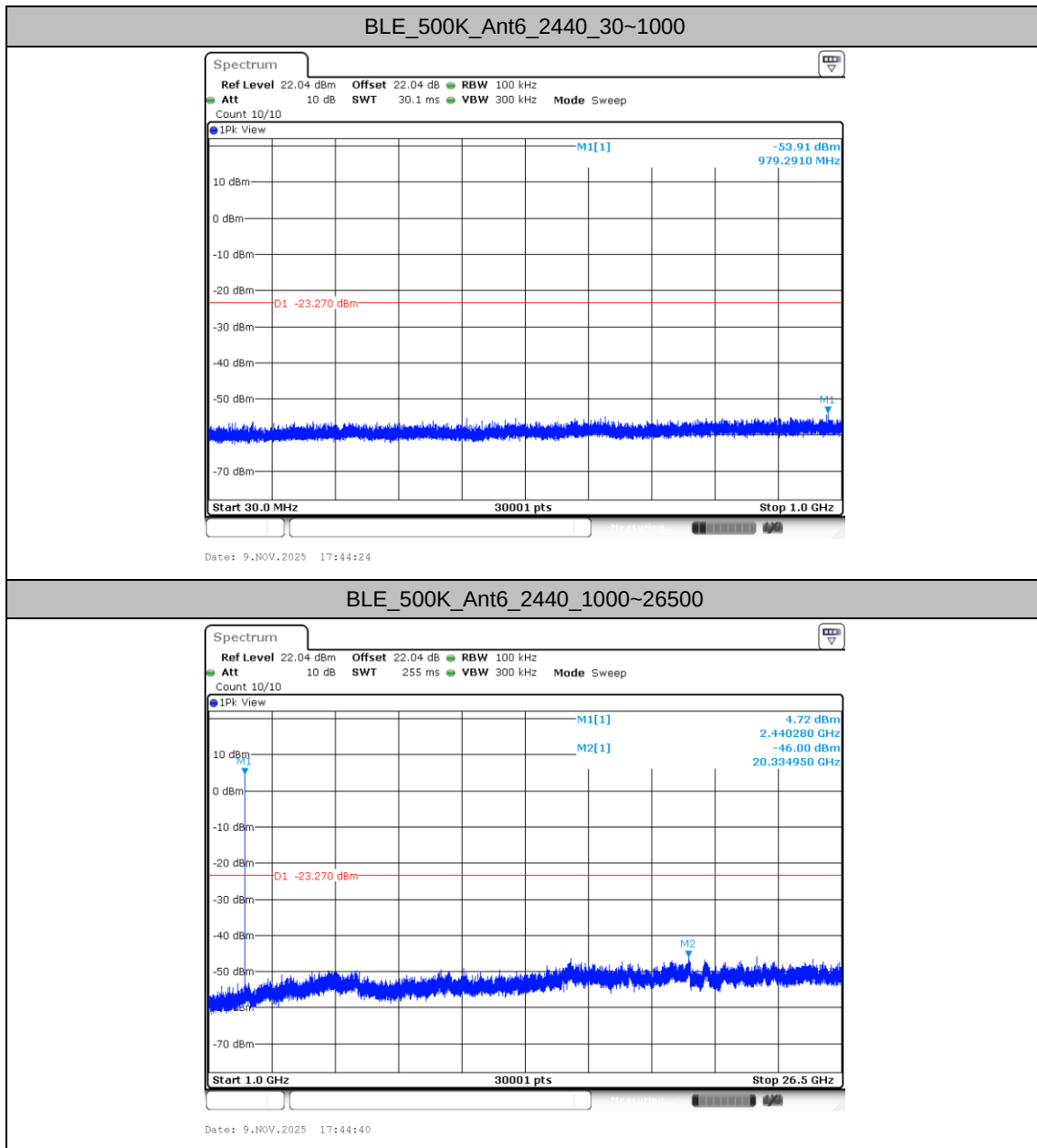


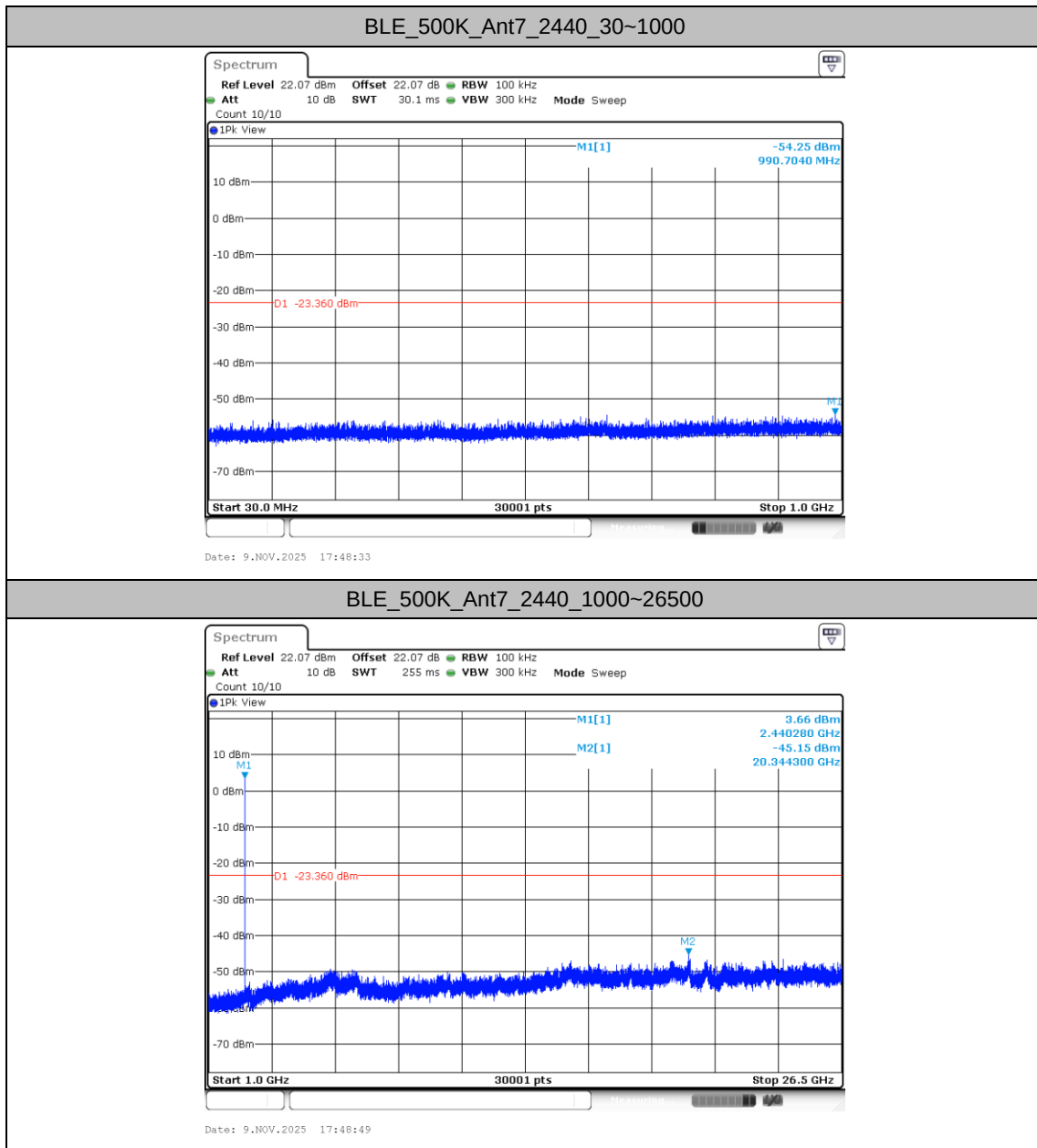


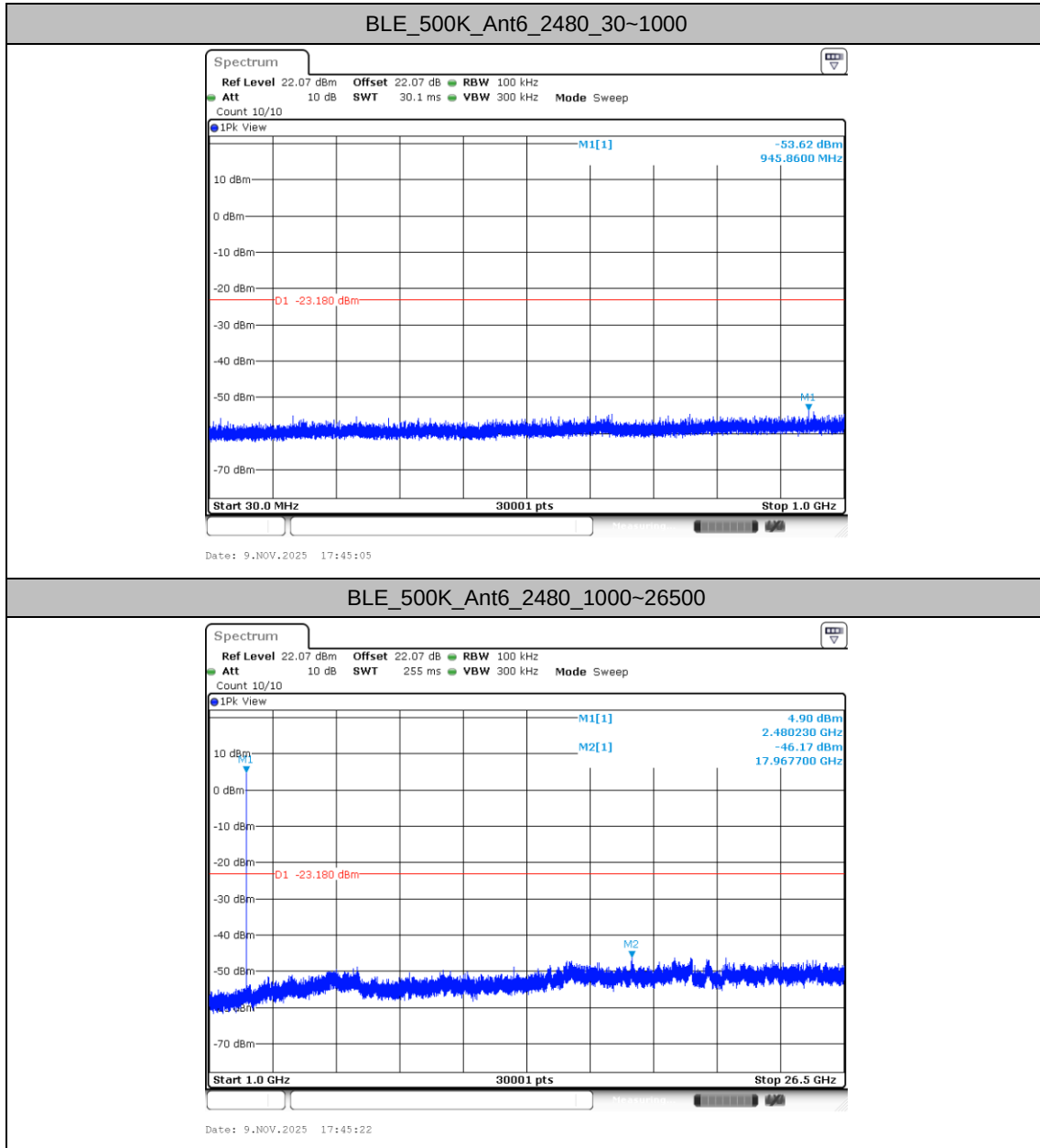


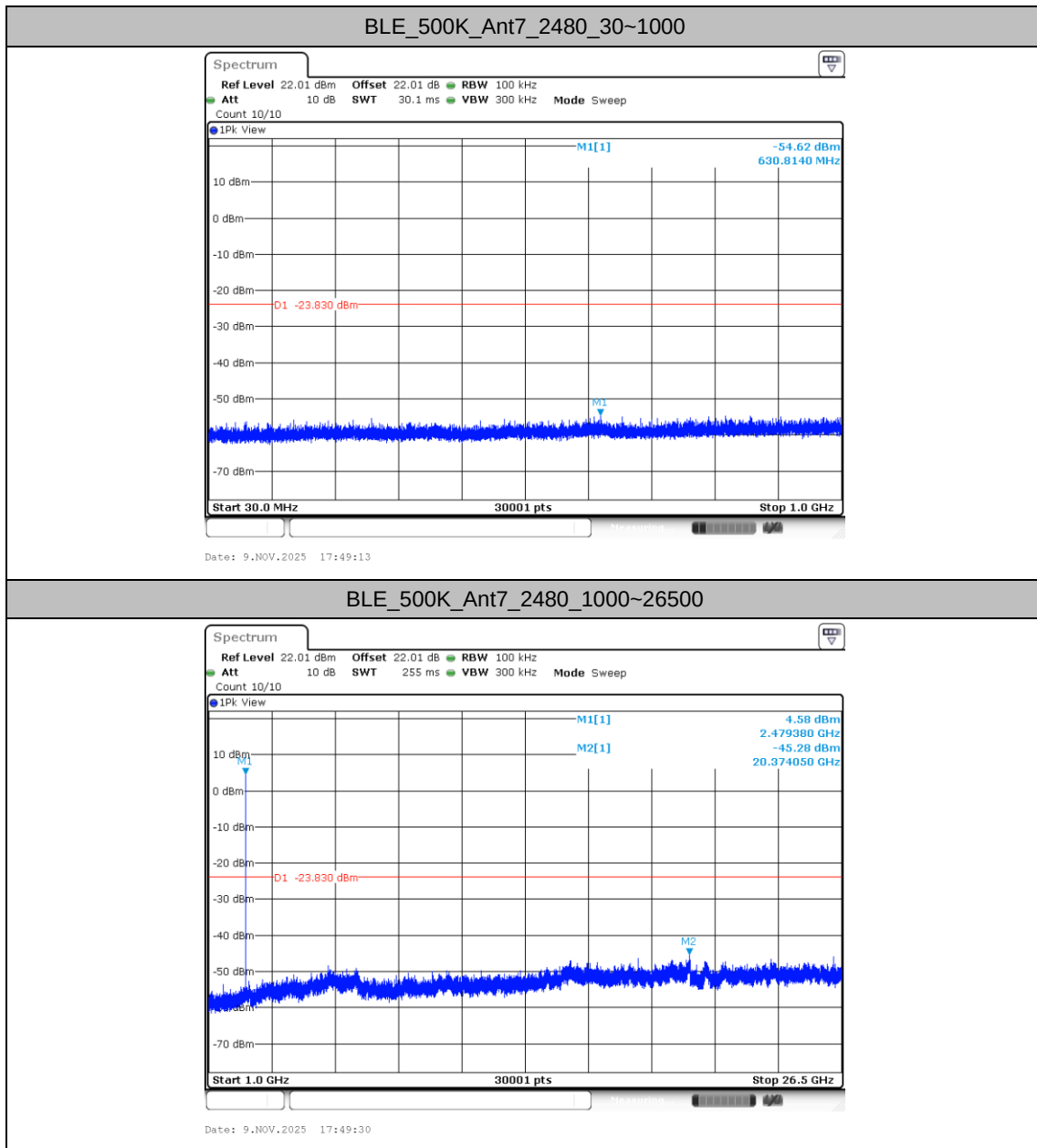














<BLE CS GFSK>

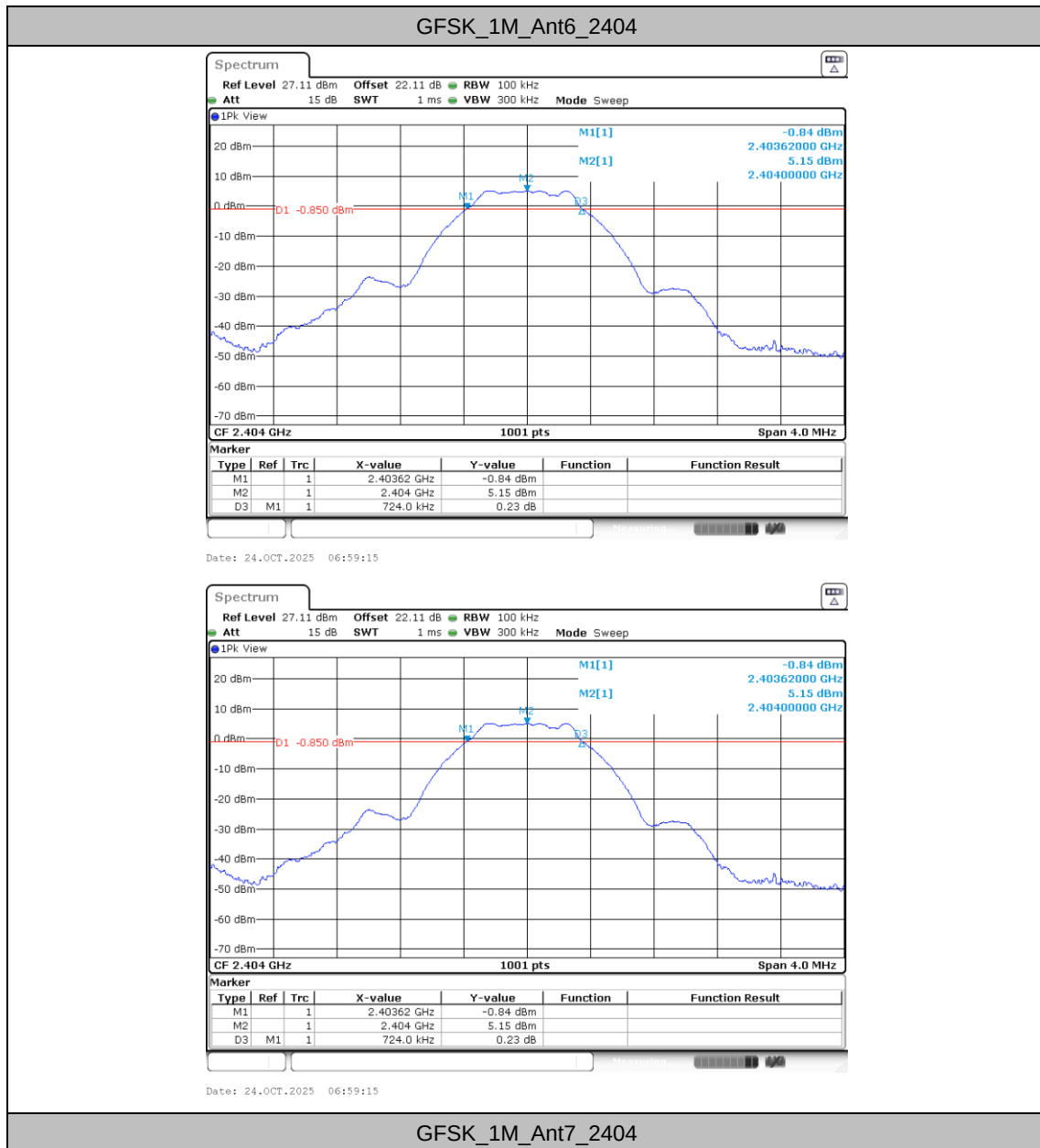
DTS Bandwidth

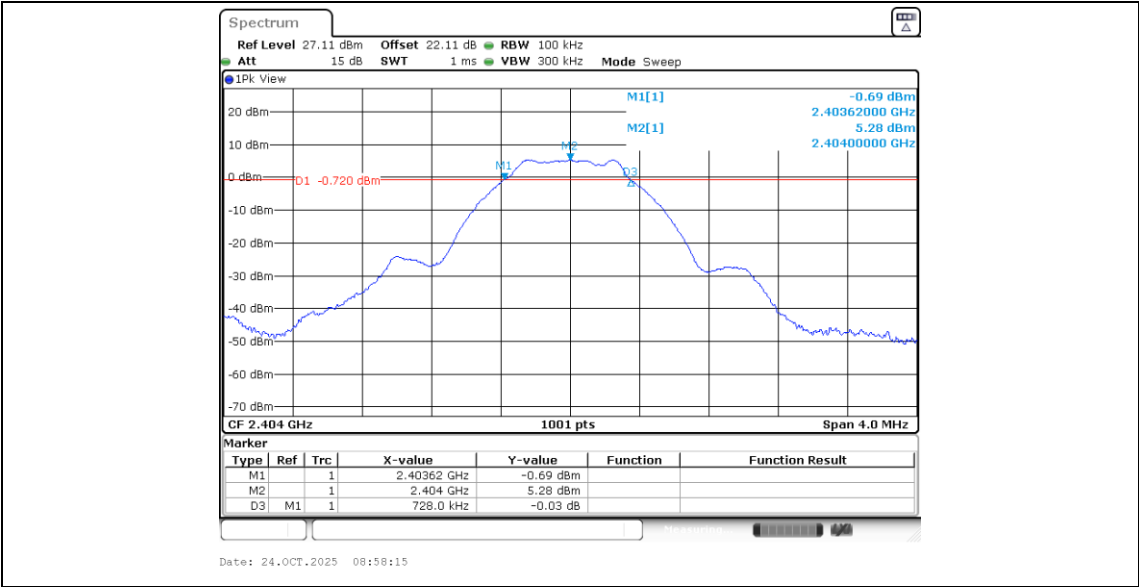
Test Result

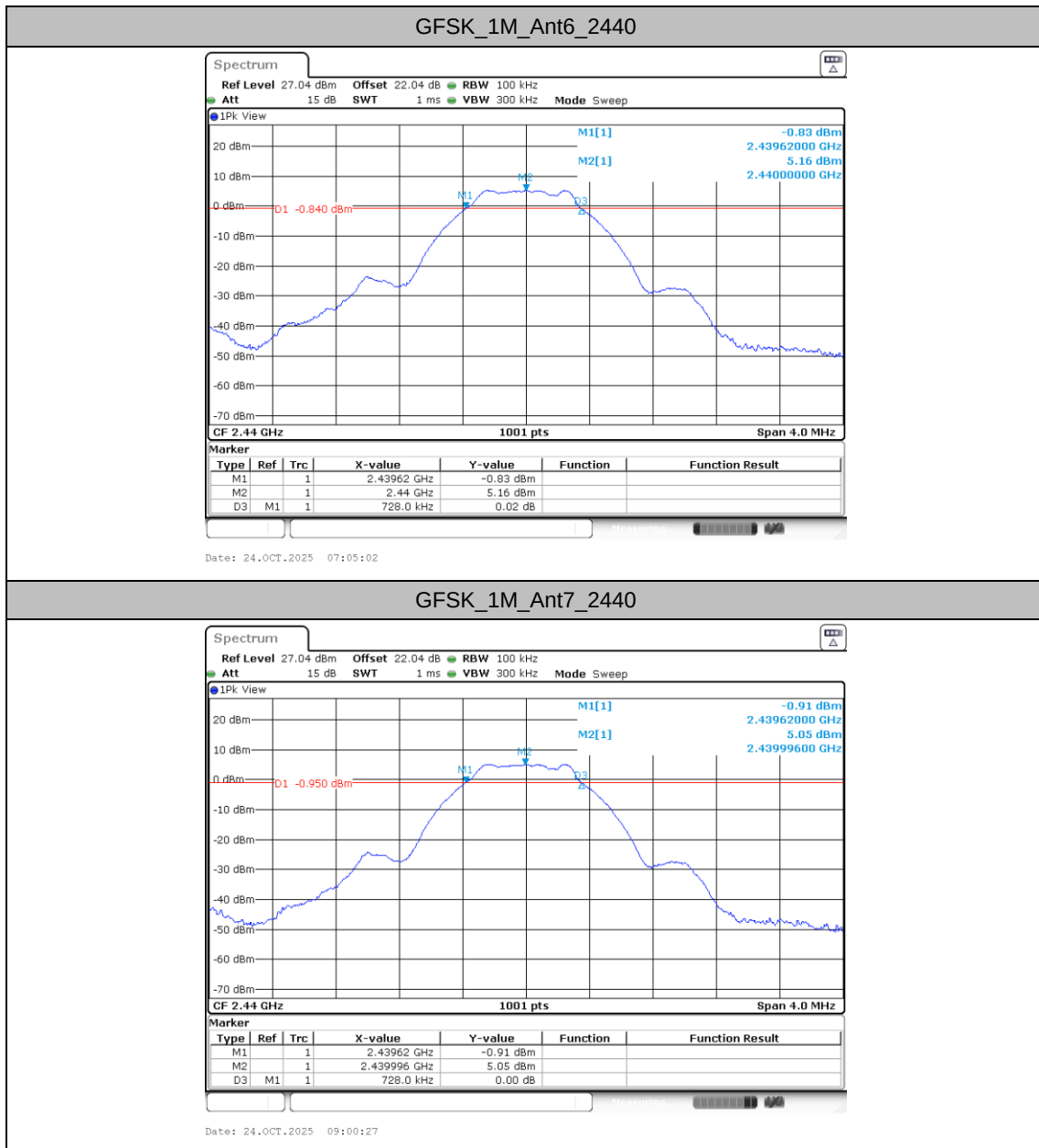
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
GFSK_1M	Ant6	2404	0.72	2403.62	2404.34	0.5	PASS
	Ant7	2404	0.73	2403.62	2404.35	0.5	PASS
	Ant6	2440	0.73	2439.62	2440.35	0.5	PASS
	Ant7	2440	0.73	2439.62	2440.35	0.5	PASS
	Ant6	2478	0.73	2477.62	2478.35	0.5	PASS
	Ant7	2478	0.72	2477.62	2478.34	0.5	PASS
GFSK_2M	Ant6	2404	1.38	2403.30	2404.68	0.5	PASS
	Ant7	2404	1.38	2403.30	2404.68	0.5	PASS
	Ant6	2440	1.37	2439.30	2440.68	0.5	PASS
	Ant7	2440	1.37	2439.30	2440.68	0.5	PASS
	Ant6	2478	1.37	2477.30	2478.68	0.5	PASS
	Ant7	2478	1.37	2477.30	2478.68	0.5	PASS

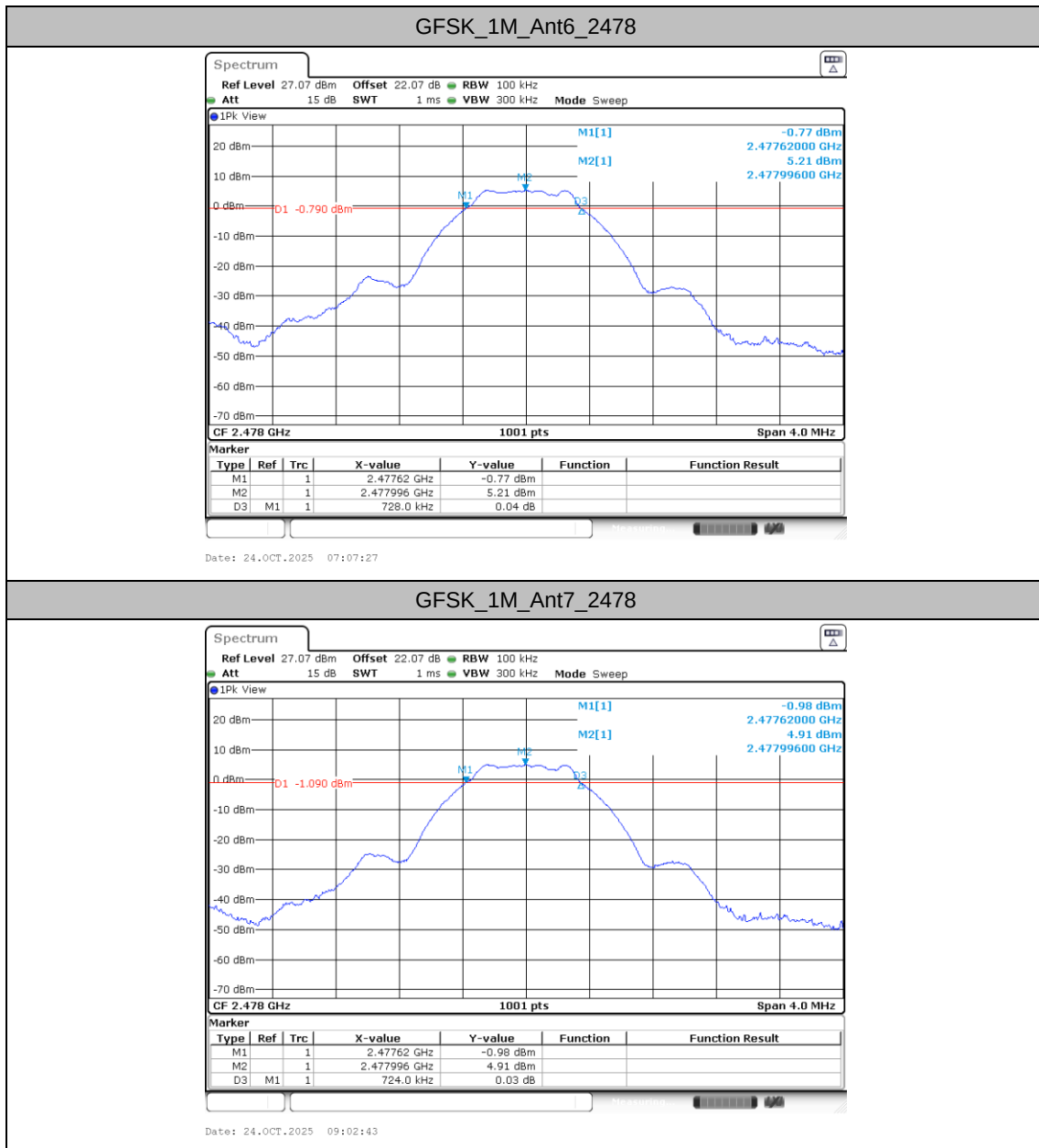


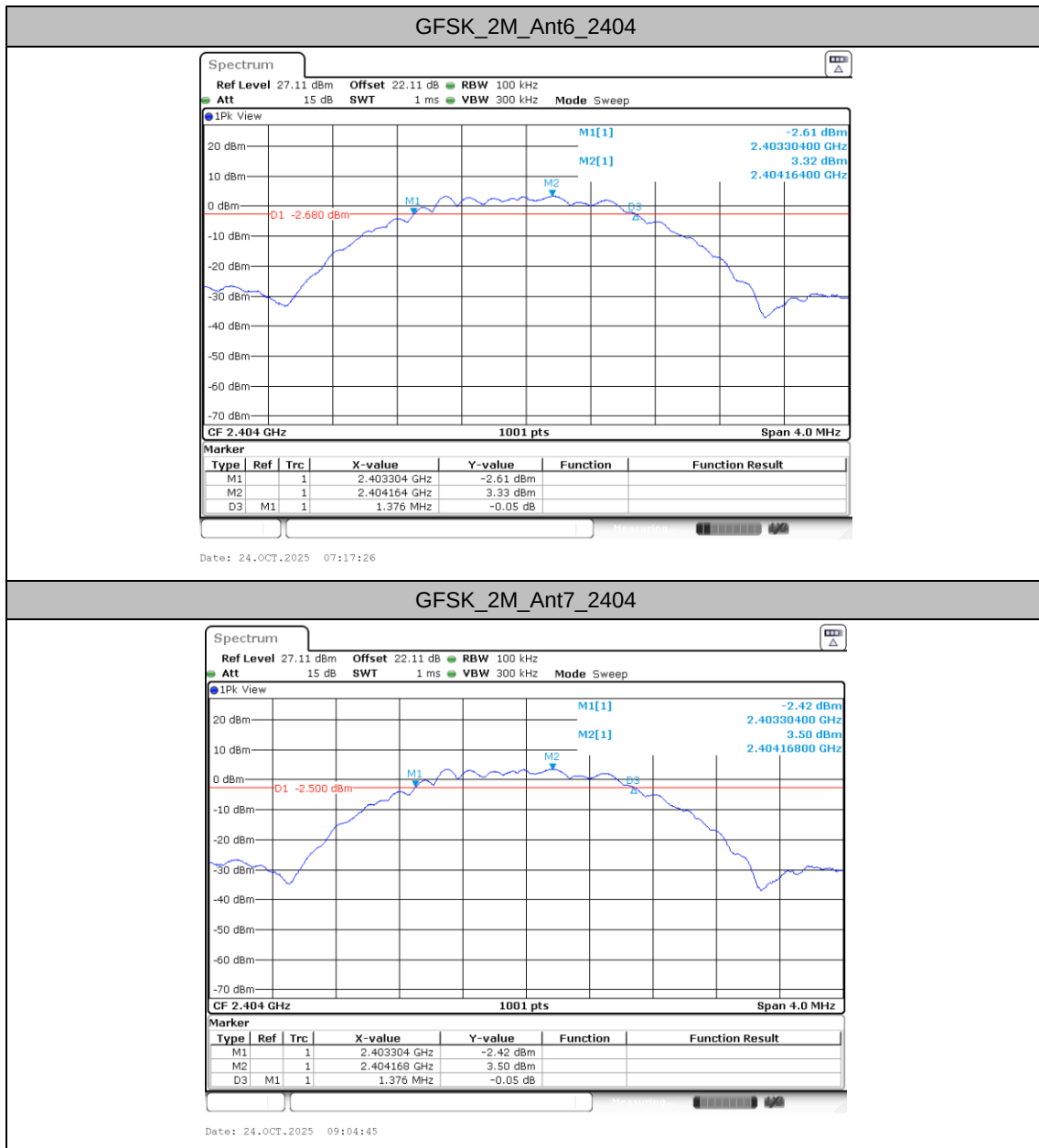
Test Graphs

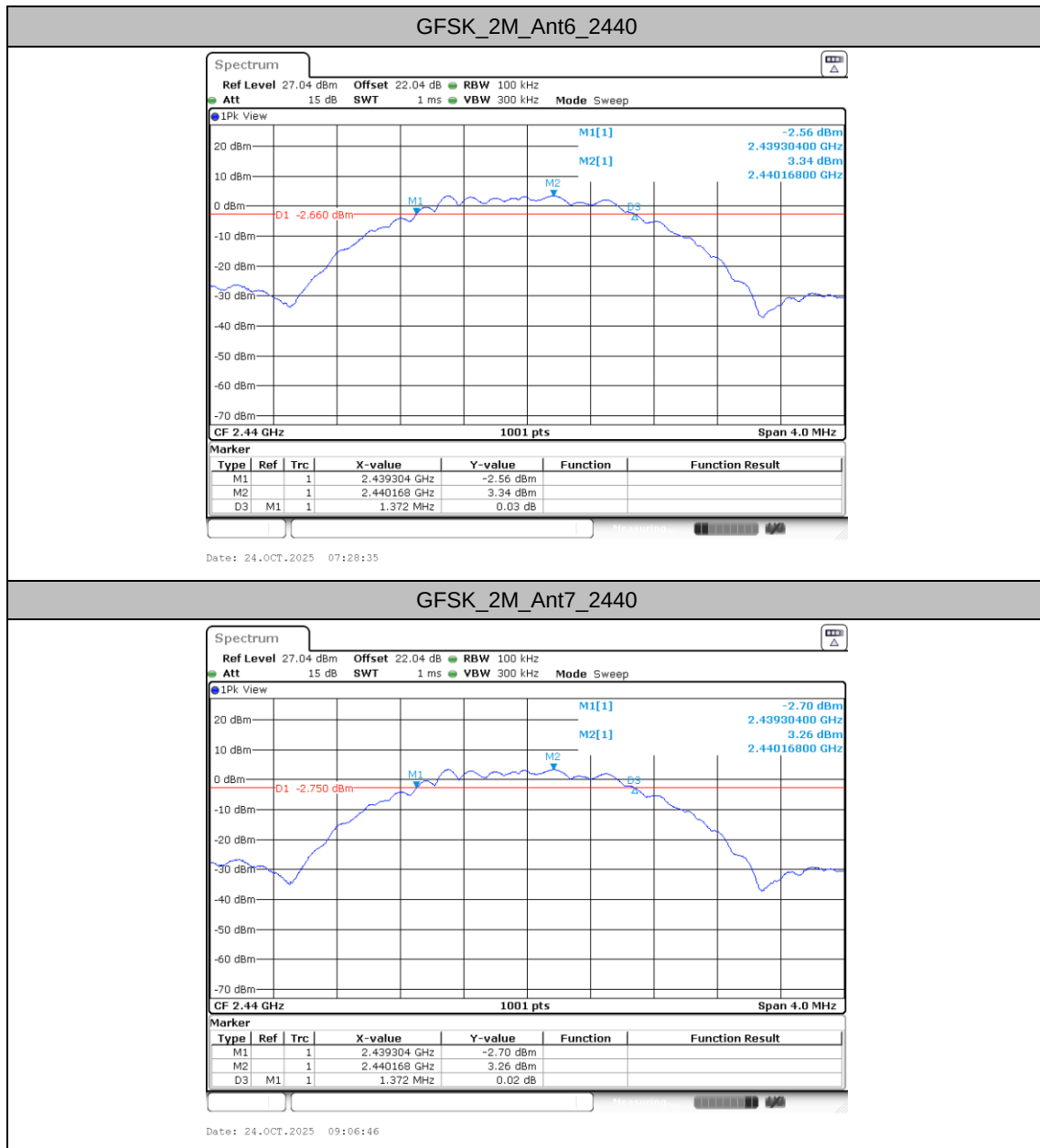


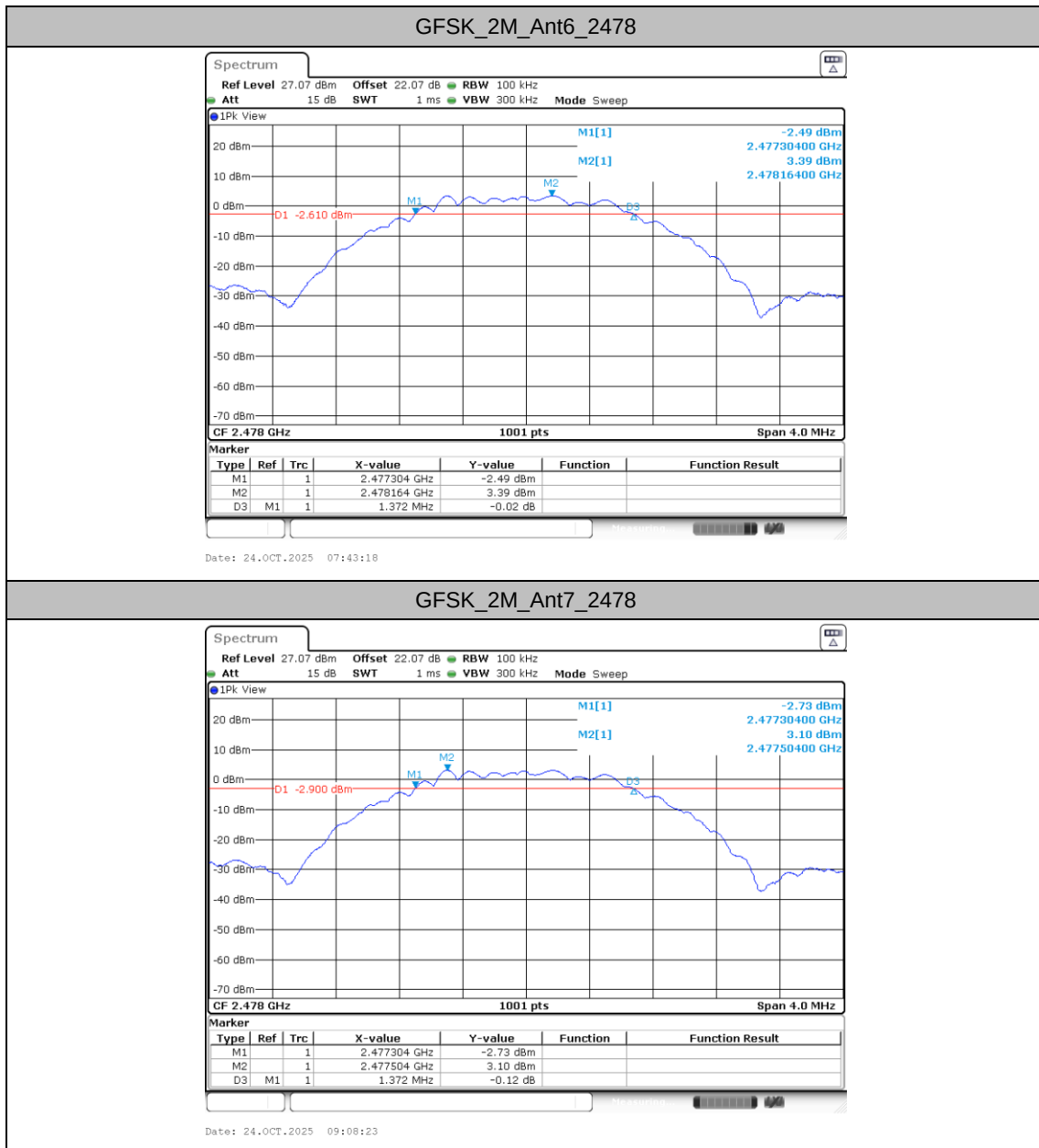














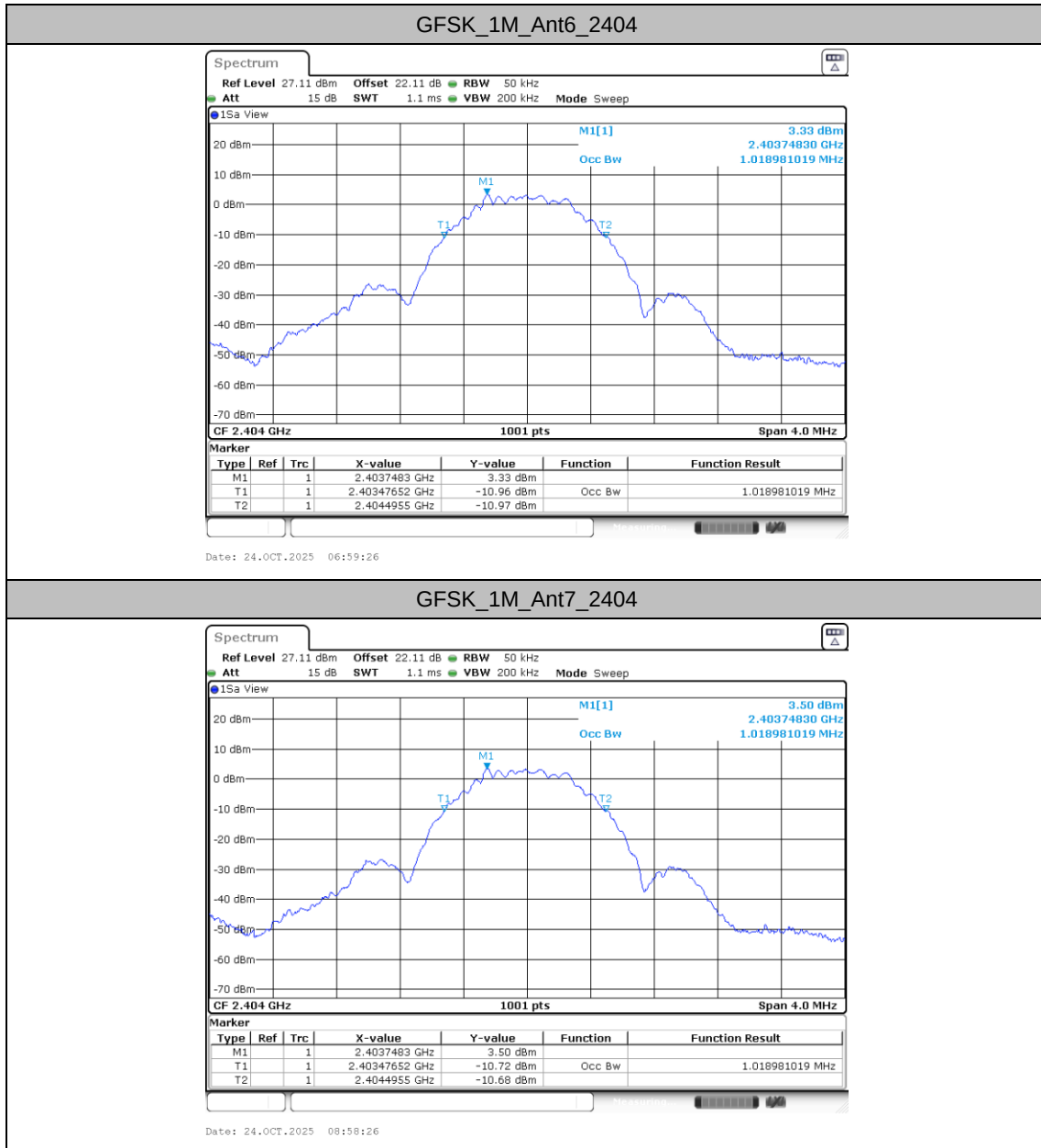
Occupied Channel Bandwidth

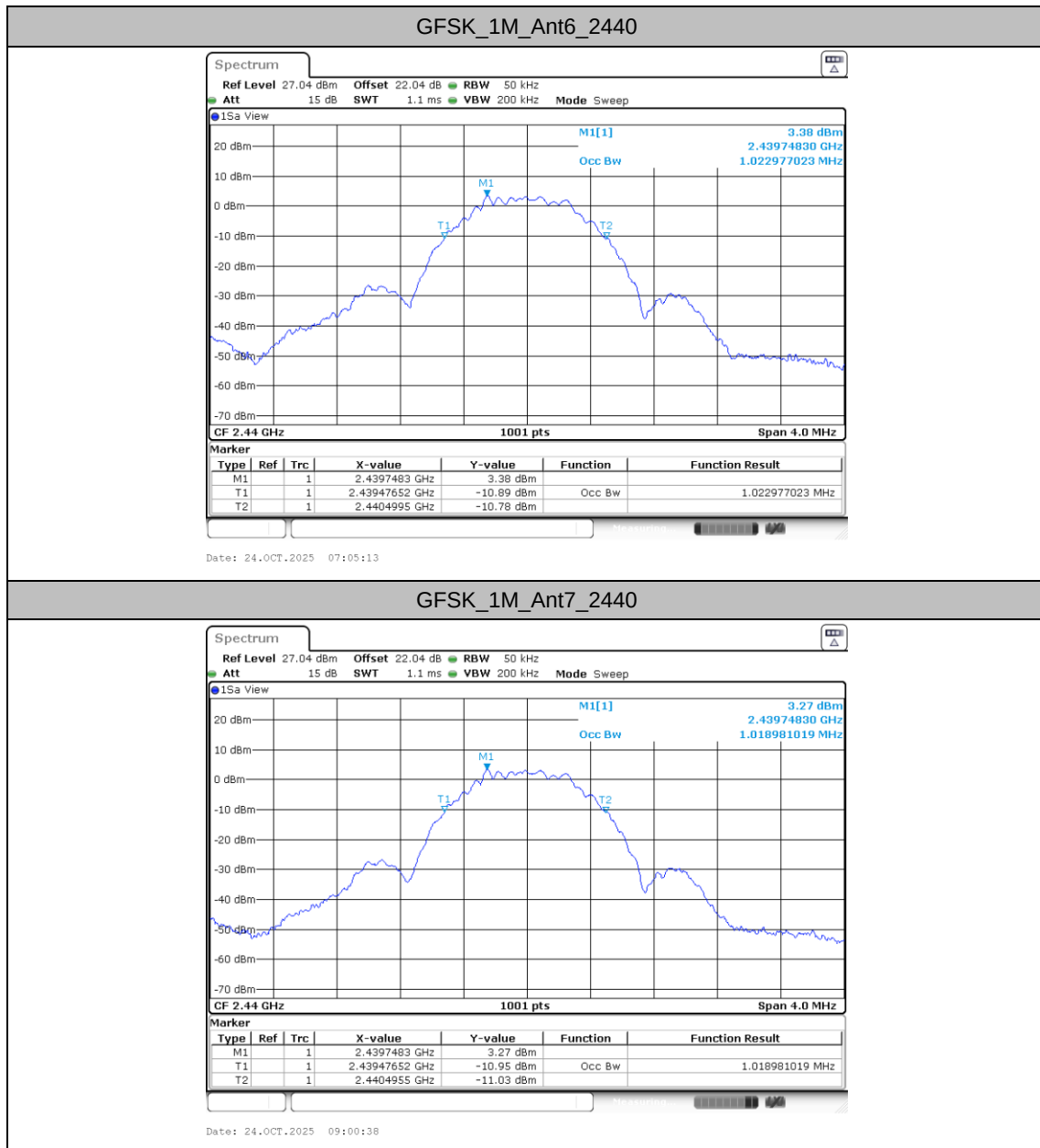
Test Result

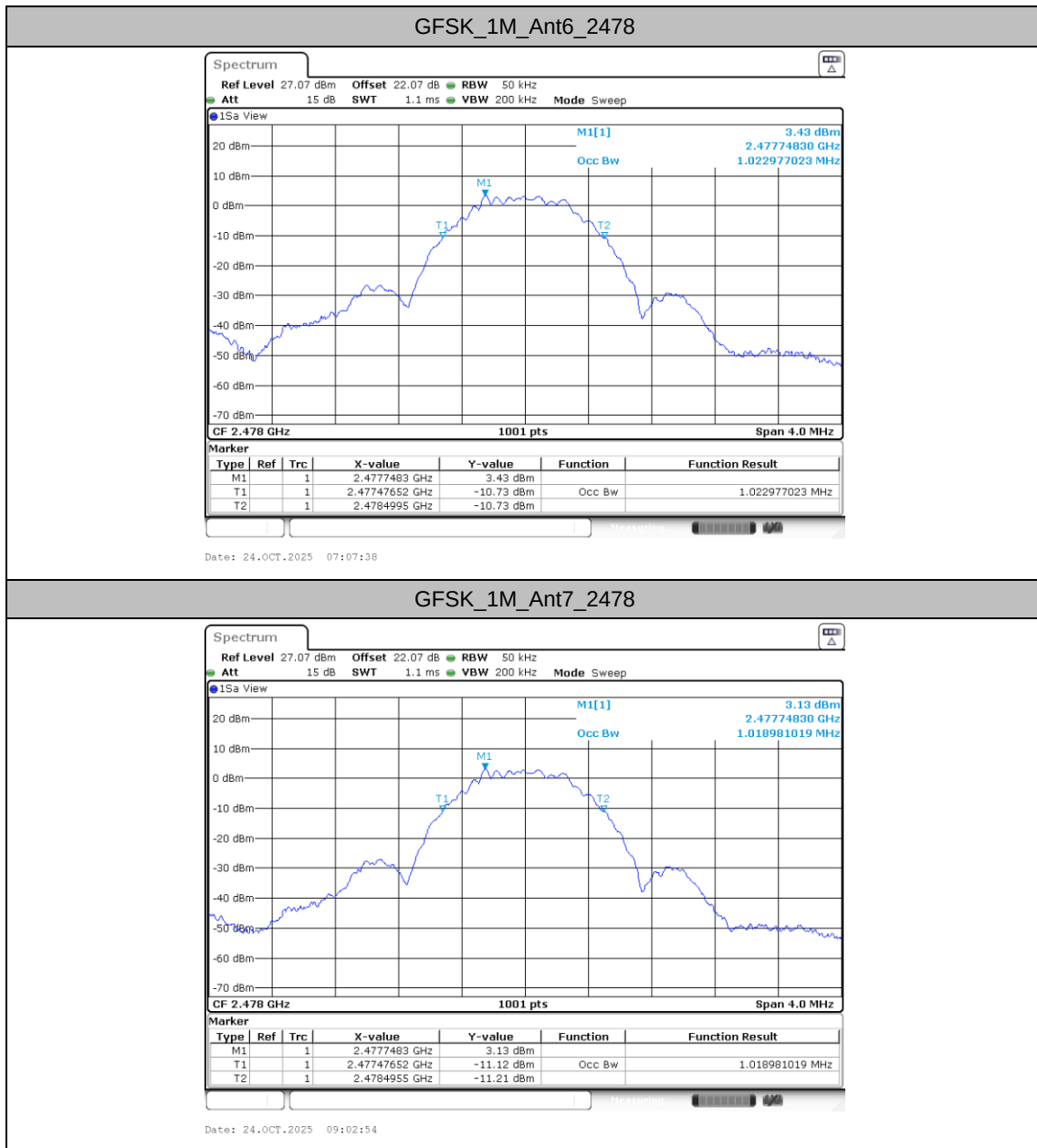
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
GFSK_1M	Ant6	2404	1.019	2403.4765	2404.4955	---	---
	Ant7	2404	1.019	2403.4765	2404.4955	---	---
	Ant6	2440	1.023	2439.4765	2440.4995	---	---
	Ant7	2440	1.019	2439.4765	2440.4955	---	---
	Ant6	2478	1.023	2477.4765	2478.4995	---	---
	Ant7	2478	1.019	2477.4765	2478.4955	---	---
GFSK_2M	Ant6	2404	2.042	2402.9730	2405.0150	---	---
	Ant7	2404	2.038	2402.9770	2405.0150	---	---
	Ant6	2440	2.042	2438.9730	2441.0150	---	---
	Ant7	2440	2.042	2438.9730	2441.0150	---	---
	Ant6	2478	2.046	2476.9690	2479.0150	---	---
	Ant7	2478	2.042	2476.9730	2479.0150	---	---

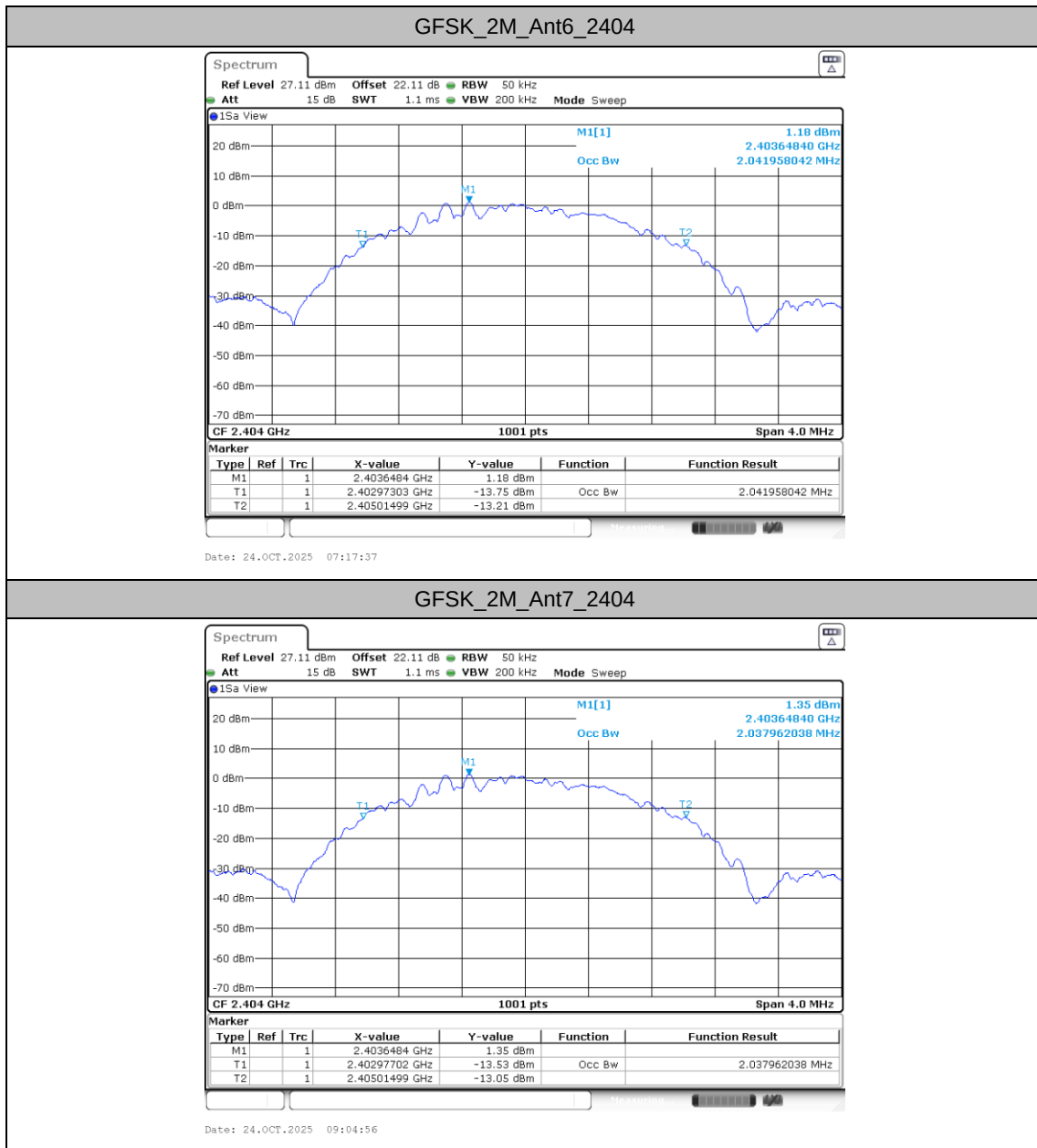


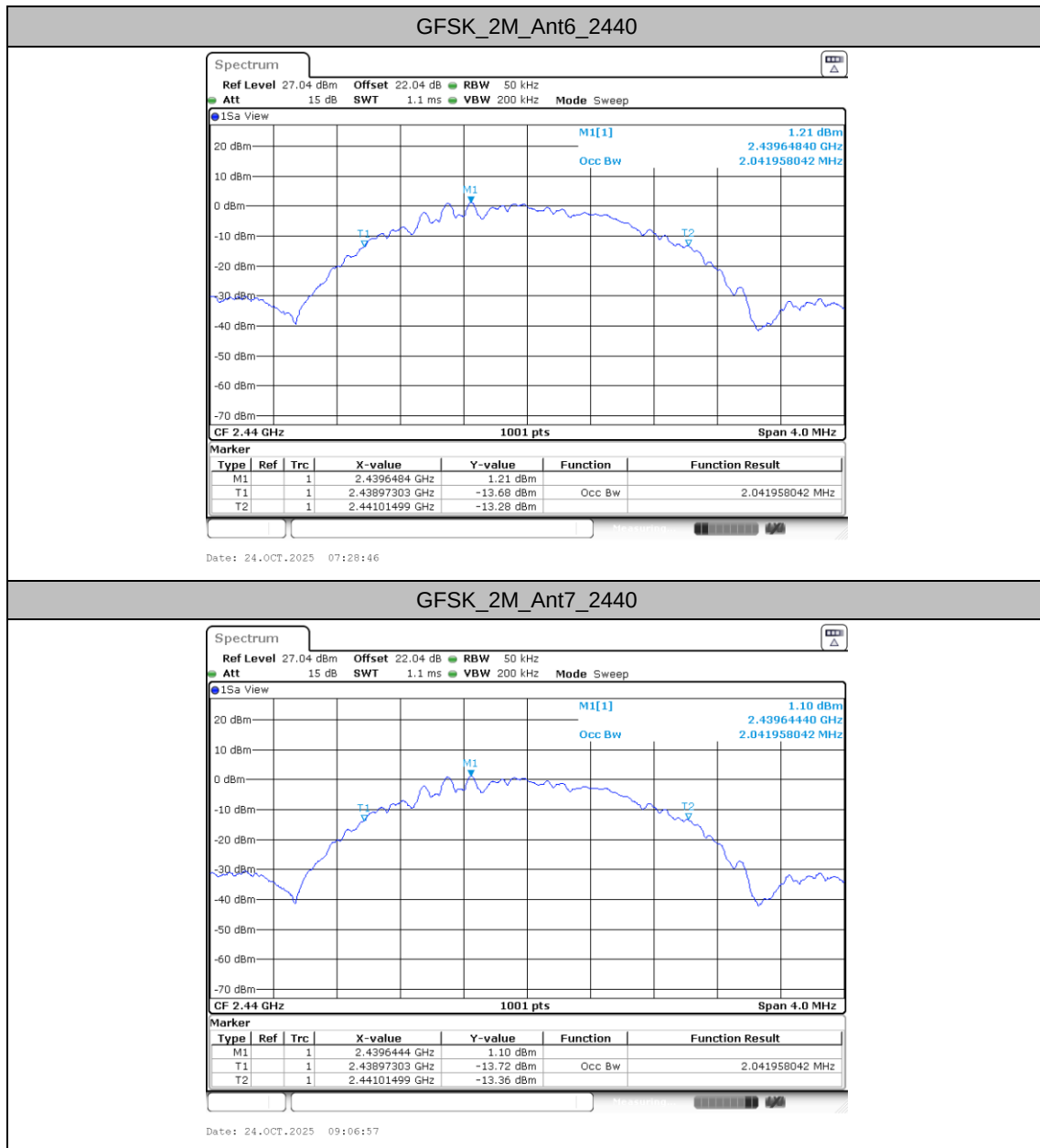
Test Graphs

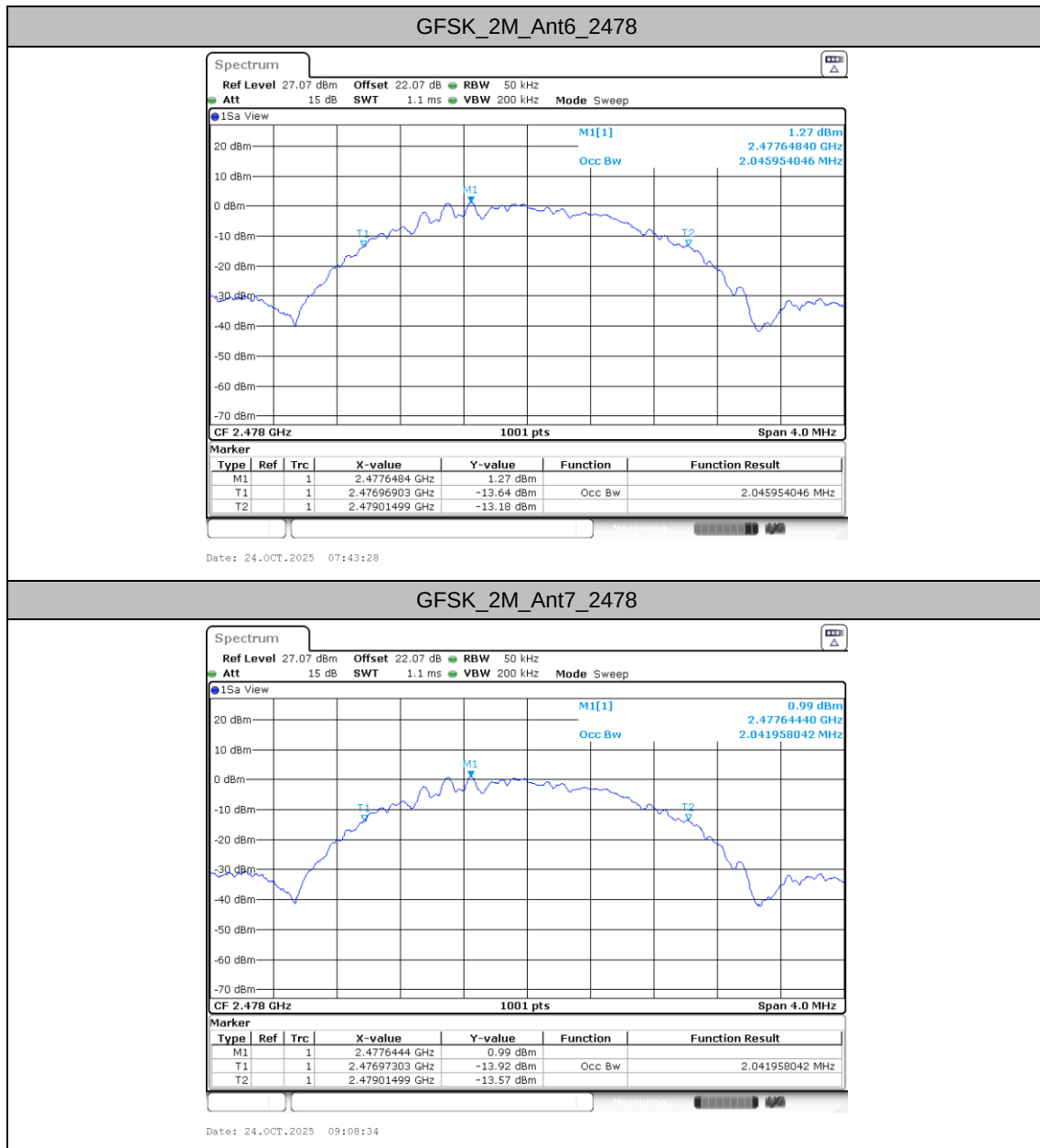














Maximum conducted output power

Test Result Average

TestMode	Antenna	CH.	Duty Factor (dB)	Average Conducted Power (dBm)	Conducted Power Limit	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit	Pass/Fail	Power Setting
GFSK_1M	Ant 6	2	0.00	6.39	30.00	2.35	8.74	36.00	Pass	9
		38	0.00	6.68	30.00	2.35	9.03	36.00	Pass	9
		76	0.00	6.82	30.00	2.35	9.17	36.00	Pass	9
GFSK_2M	Ant 6	2	0.00	6.52	30.00	2.35	8.87	36.00	Pass	9
		38	0.00	6.79	30.00	2.35	9.14	36.00	Pass	9
		76	0.00	6.91	30.00	2.35	9.26	36.00	Pass	9
GFSK_1M	Ant 7	2	0.00	6.63	30.00	2.6	9.23	36.00	Pass	9
		38	0.00	6.62	30.00	2.6	9.22	36.00	Pass	9
		76	0.00	6.59	30.00	2.6	9.19	36.00	Pass	9
GFSK_2M	Ant 7	2	0.00	6.74	30.00	2.6	9.34	36.00	Pass	9
		38	0.00	6.73	30.00	2.6	9.33	36.00	Pass	9
		76	0.00	6.71	30.00	2.6	9.31	36.00	Pass	9



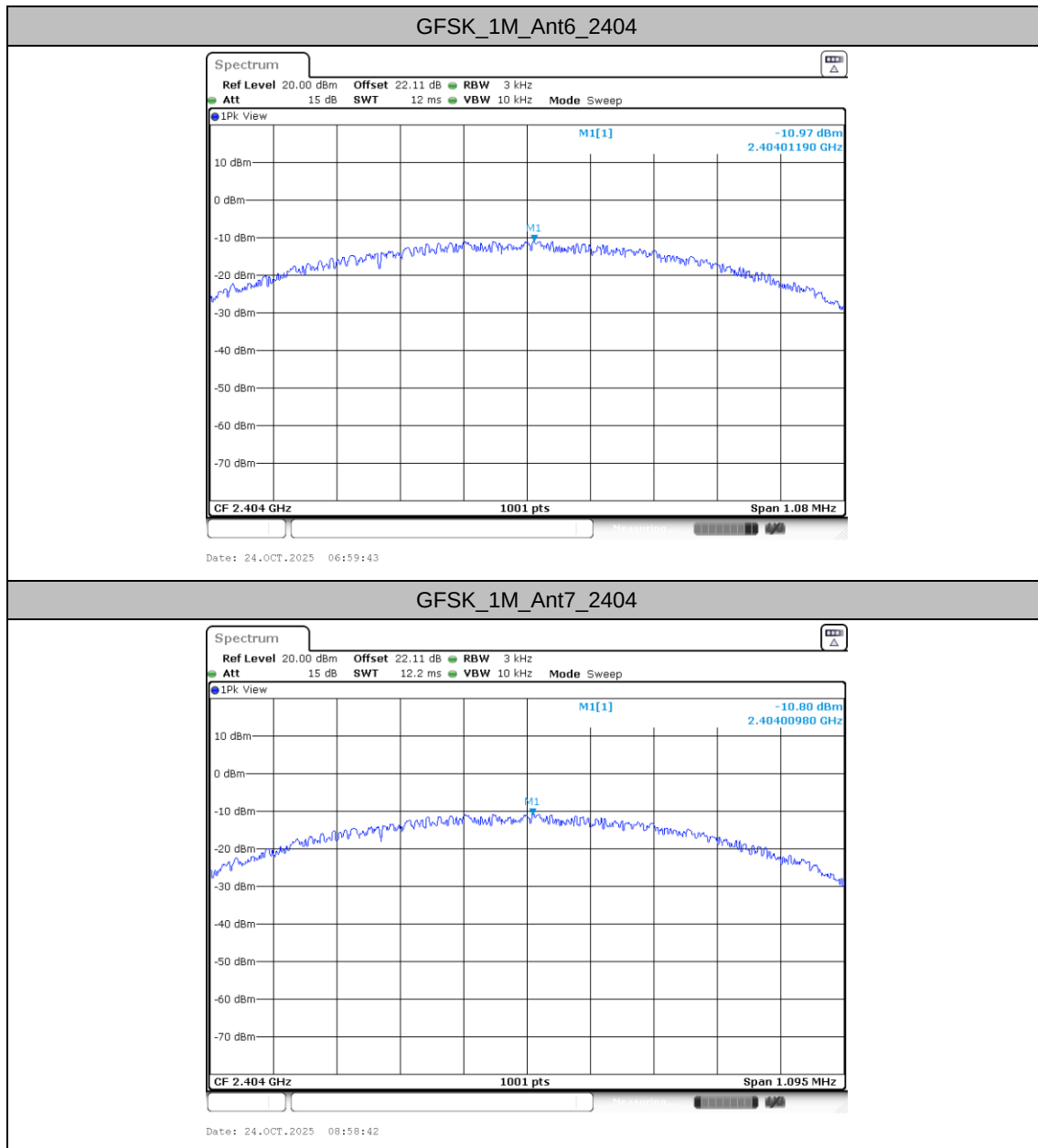
Maximum power spectral density

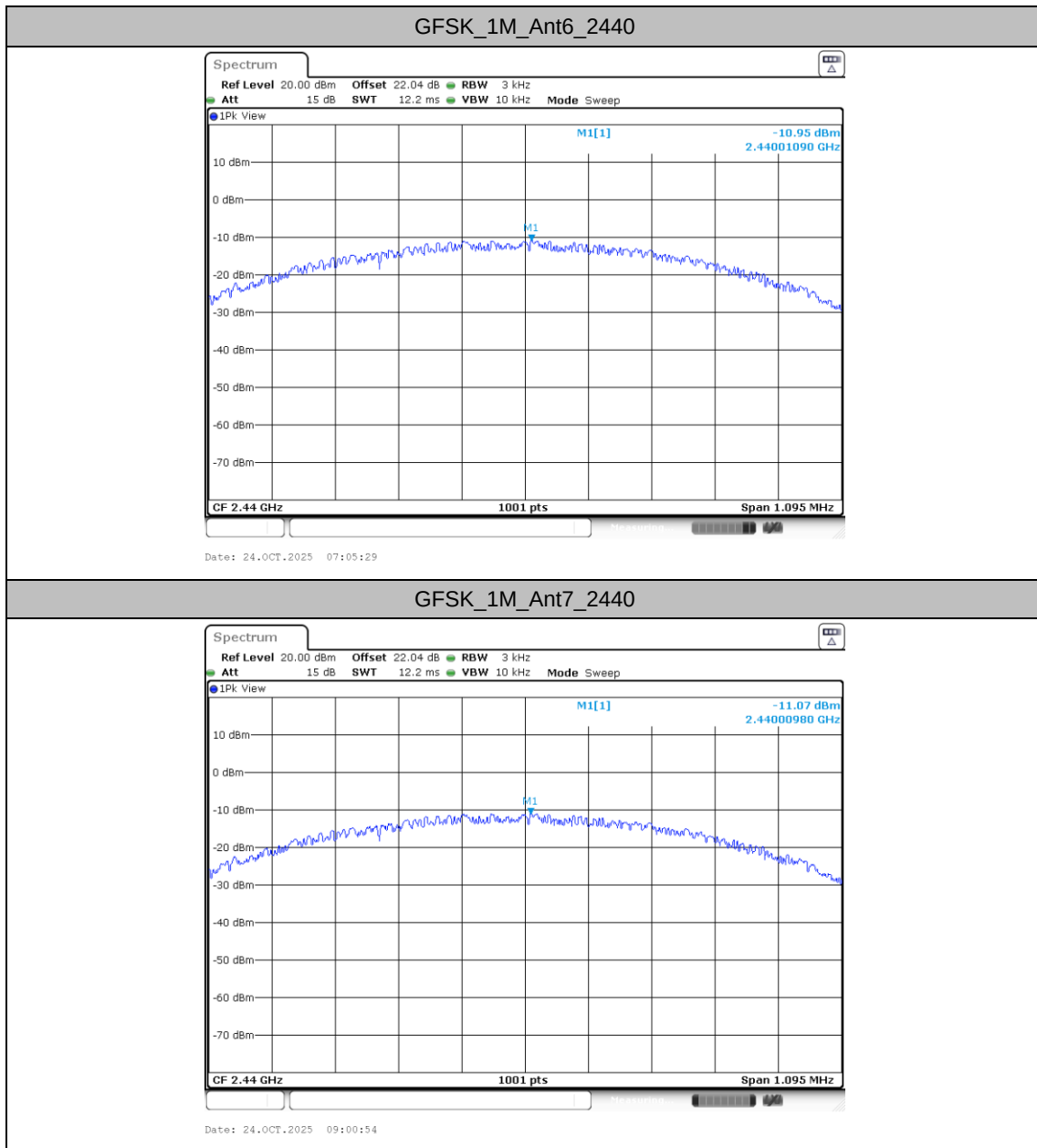
Test Result

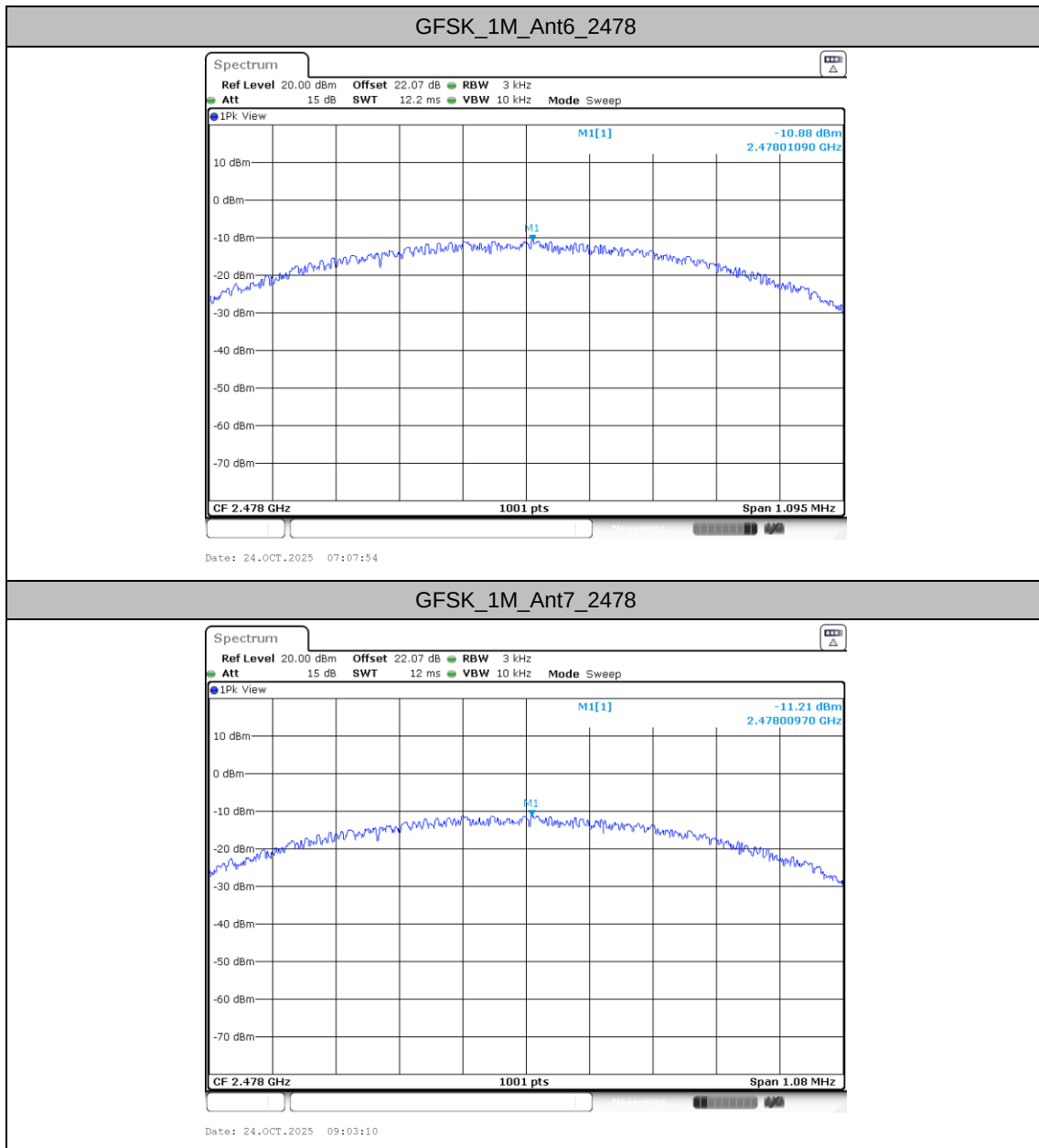
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
GFSK_1M	Ant6	2404	-10.97	≤8.00	PASS
	Ant7	2404	-10.80	≤8.00	PASS
	Ant6	2440	-10.95	≤8.00	PASS
	Ant7	2440	-11.07	≤8.00	PASS
	Ant6	2478	-10.88	≤8.00	PASS
	Ant7	2478	-11.21	≤8.00	PASS
GFSK_2M	Ant6	2404	-16.23	≤8.00	PASS
	Ant7	2404	-16.04	≤8.00	PASS
	Ant6	2440	-16.24	≤8.00	PASS
	Ant7	2440	-16.29	≤8.00	PASS
	Ant6	2478	-16.19	≤8.00	PASS
	Ant7	2478	-16.46	≤8.00	PASS

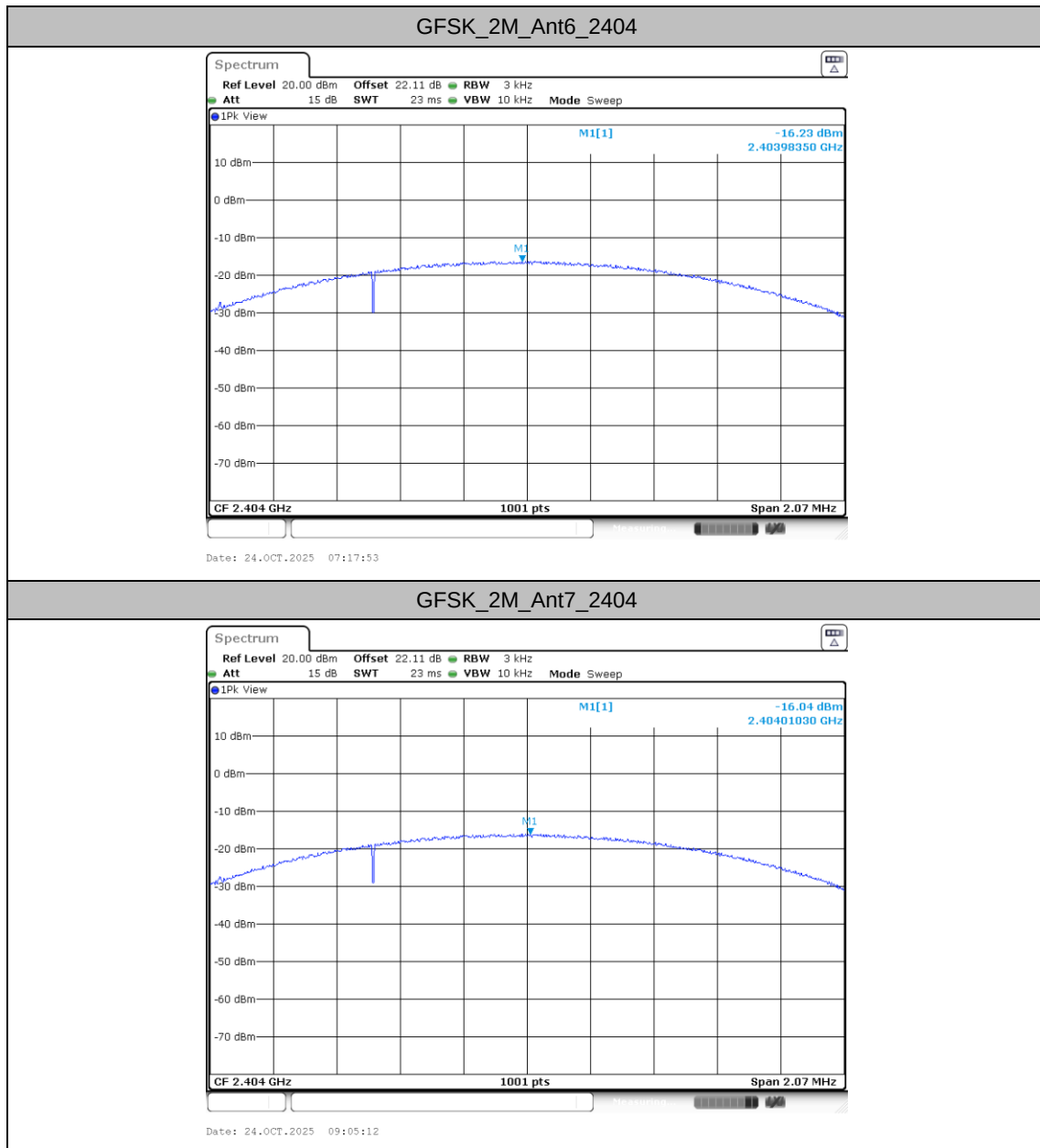


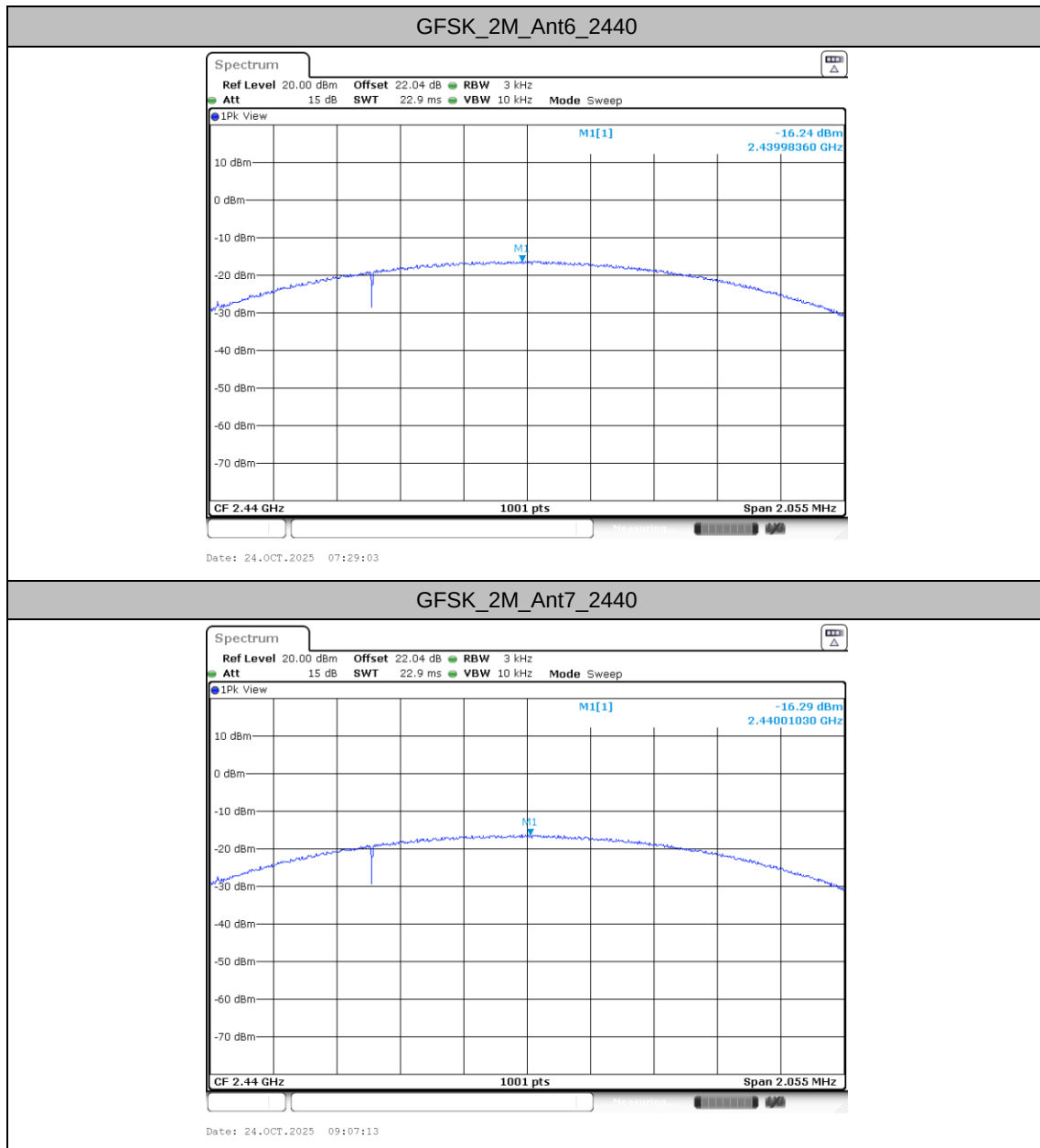
Test Graphs

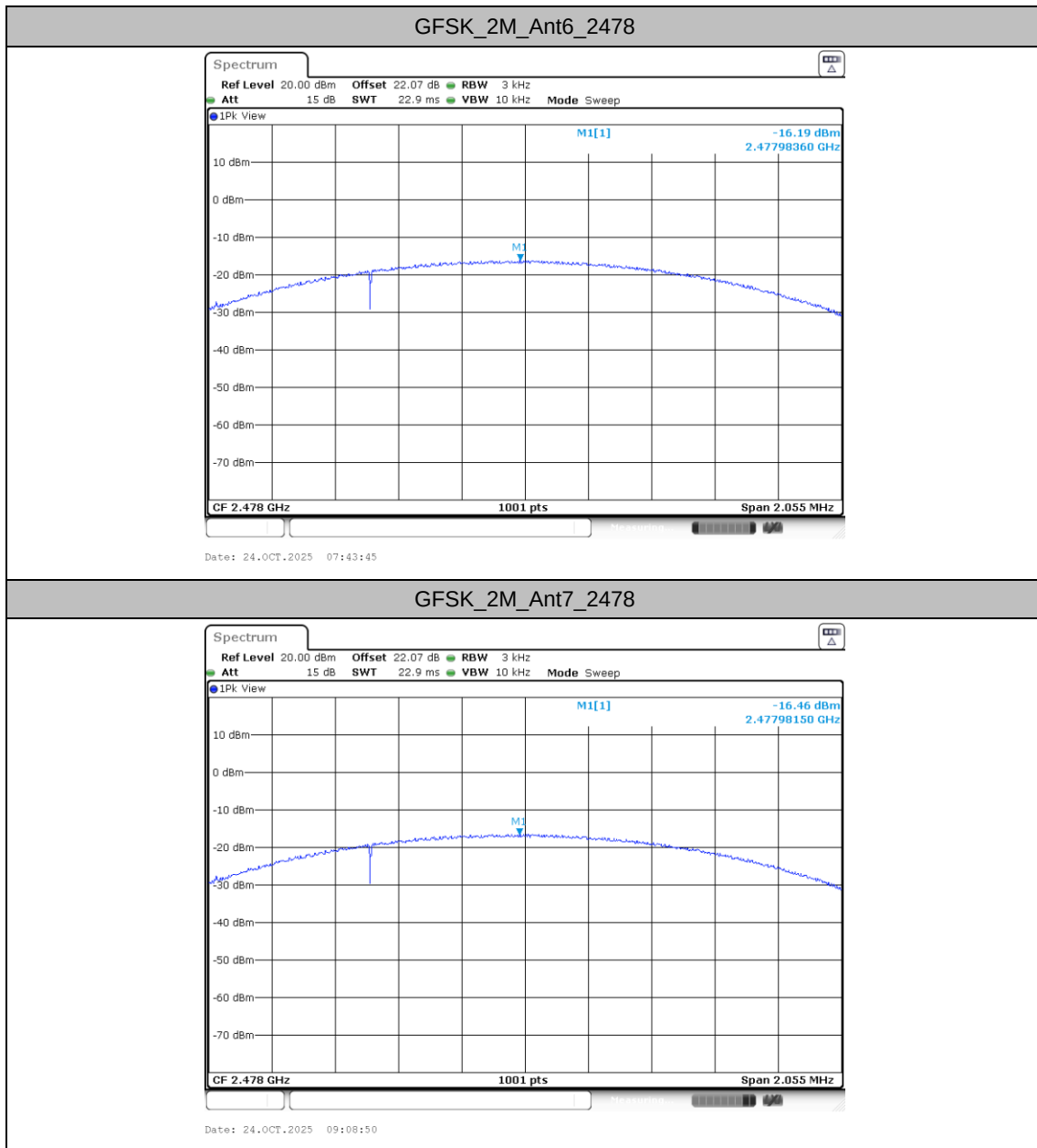














Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
GFSK_1M	Ant6	2404	2404.00	5.17
	Ant7	2404	2404.00	5.32
	Ant6	2440	2440.00	5.21
	Ant7	2440	2440.00	5.08
	Ant6	2478	2478.00	5.24
	Ant7	2478	2478.00	4.92
GFSK_2M	Ant6	2404	2403.50	3.26
	Ant7	2404	2403.50	3.45
	Ant6	2440	2439.50	3.31
	Ant7	2440	2439.50	3.25
	Ant6	2478	2477.50	3.38
	Ant7	2478	2477.50	3.11



Test Graphs

