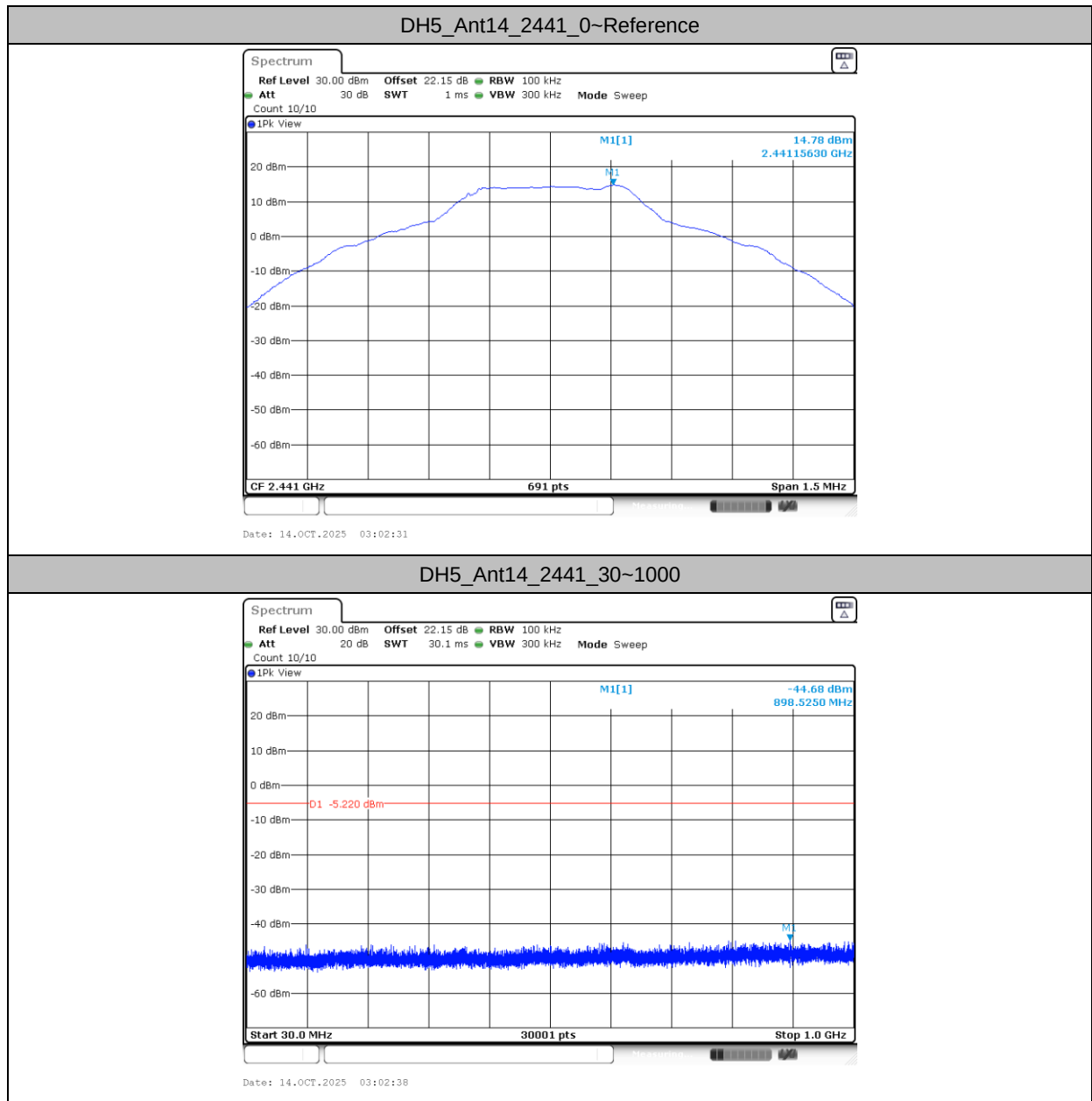
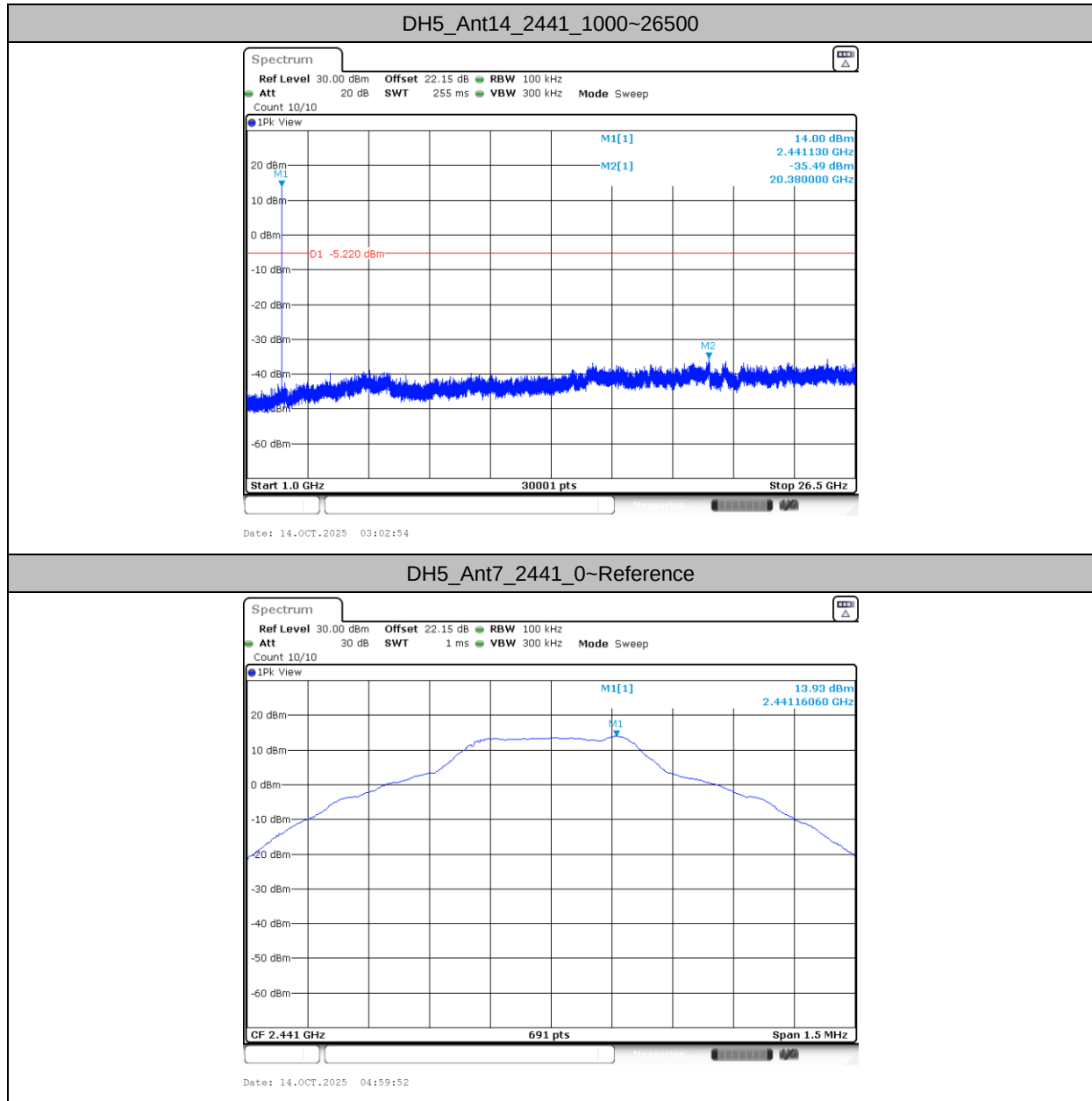
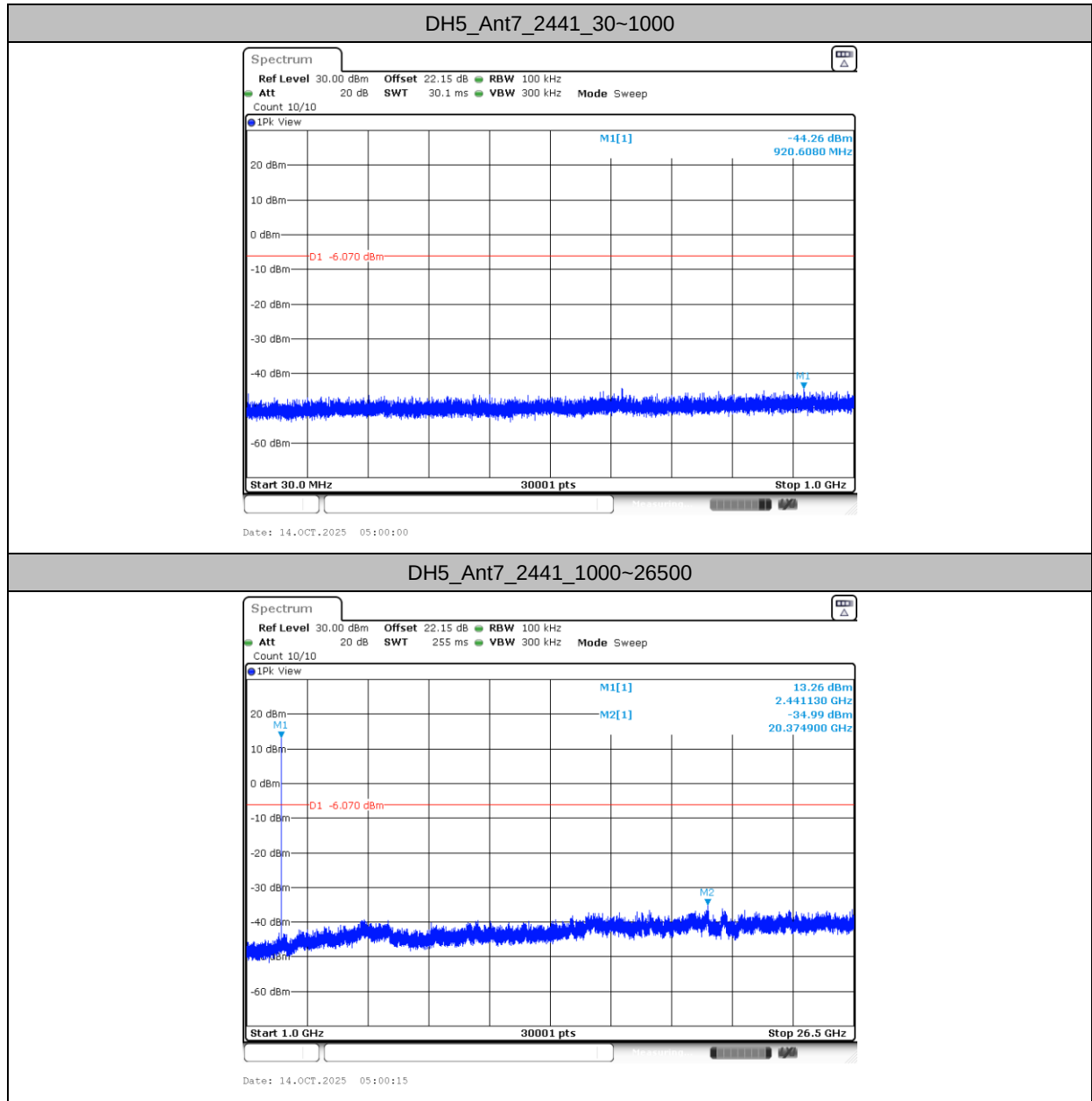
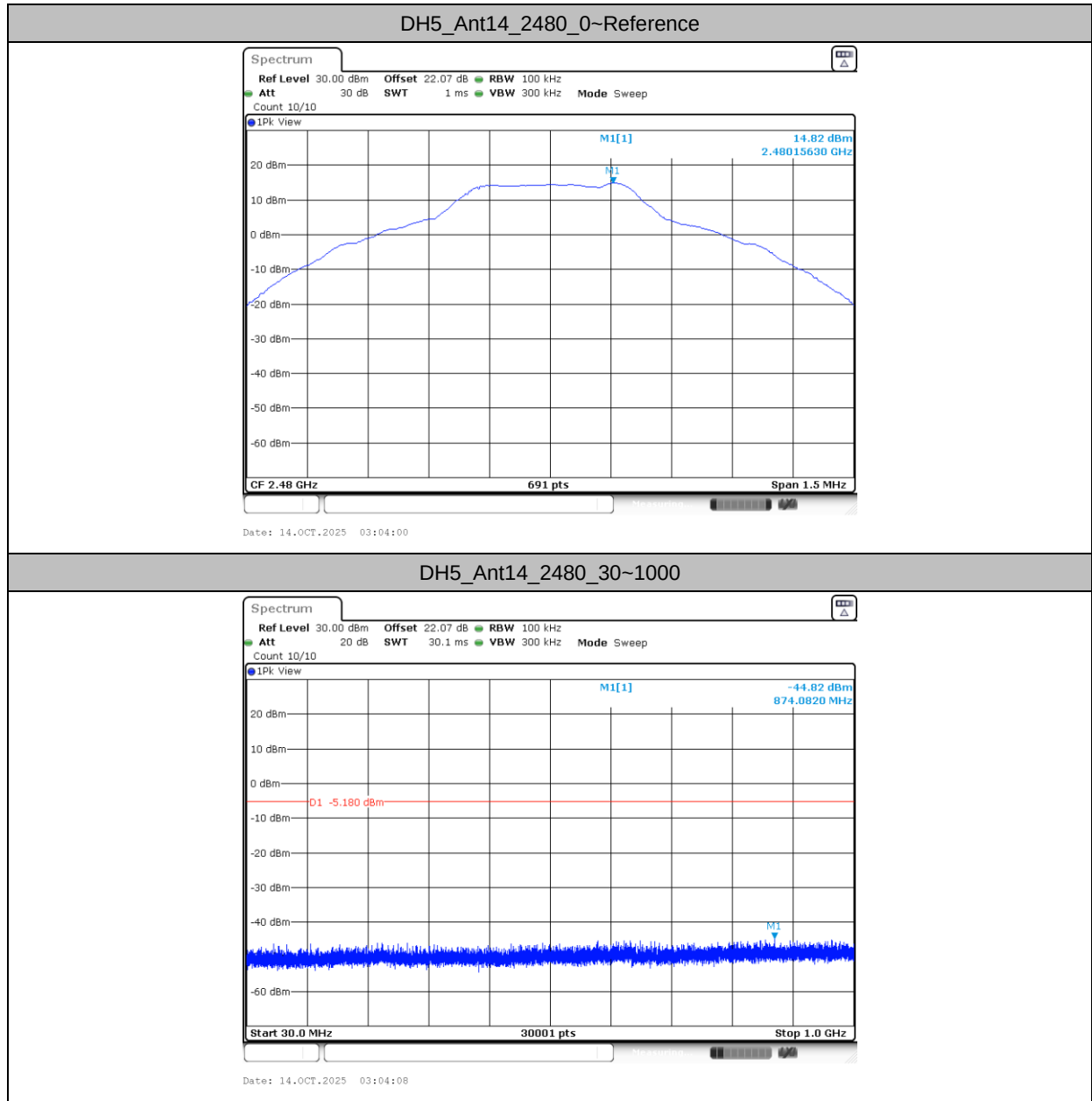
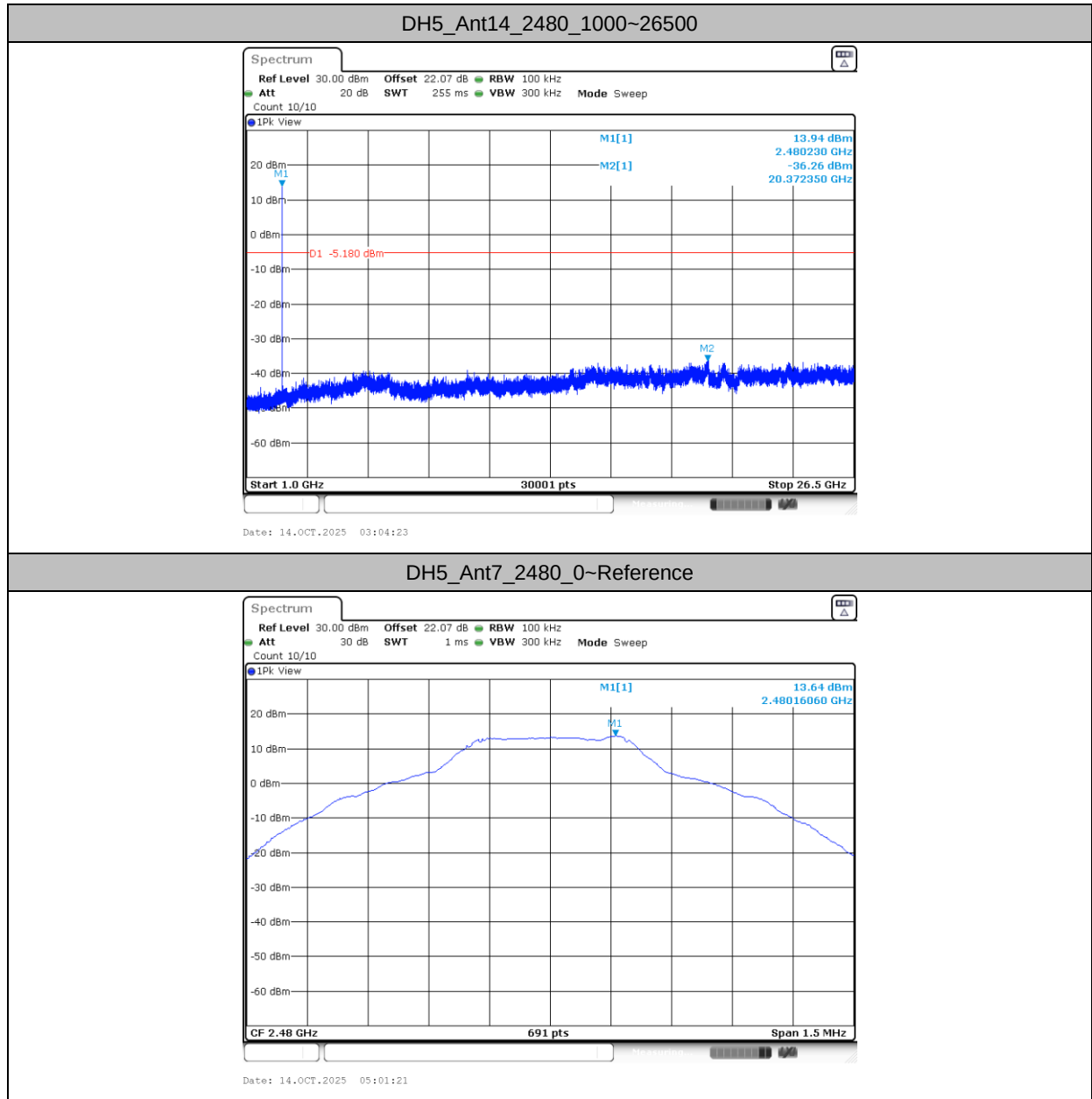


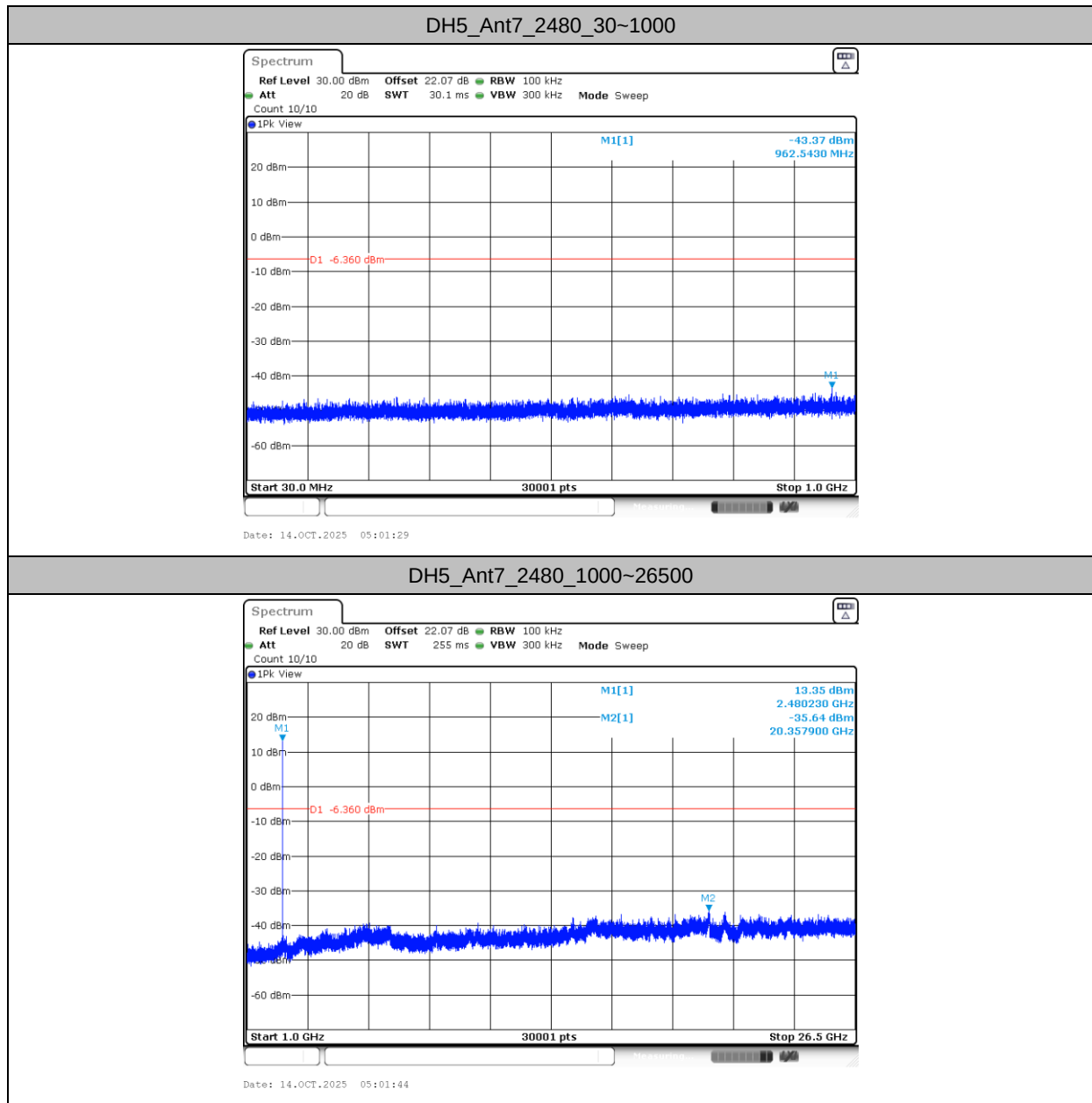


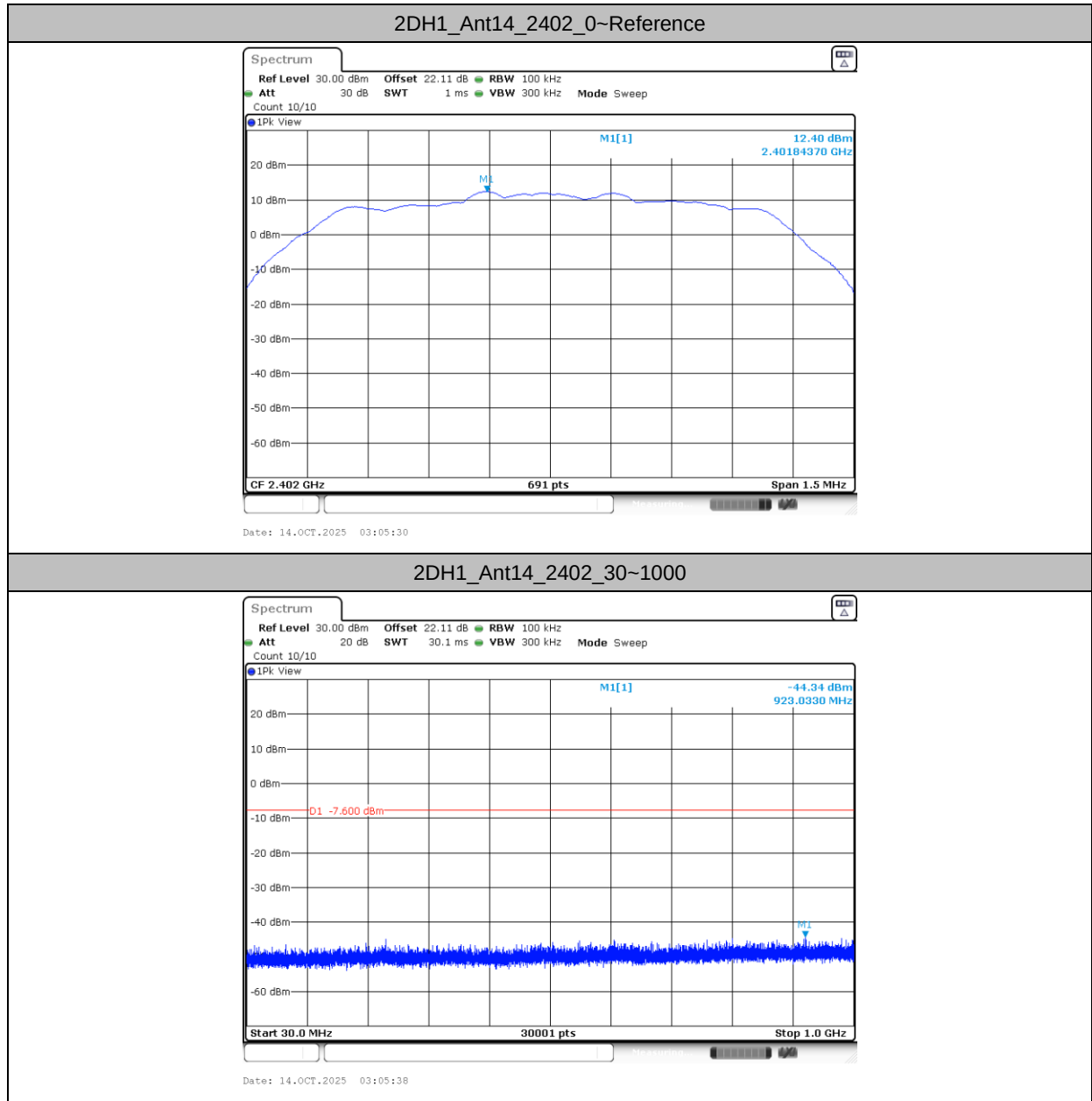


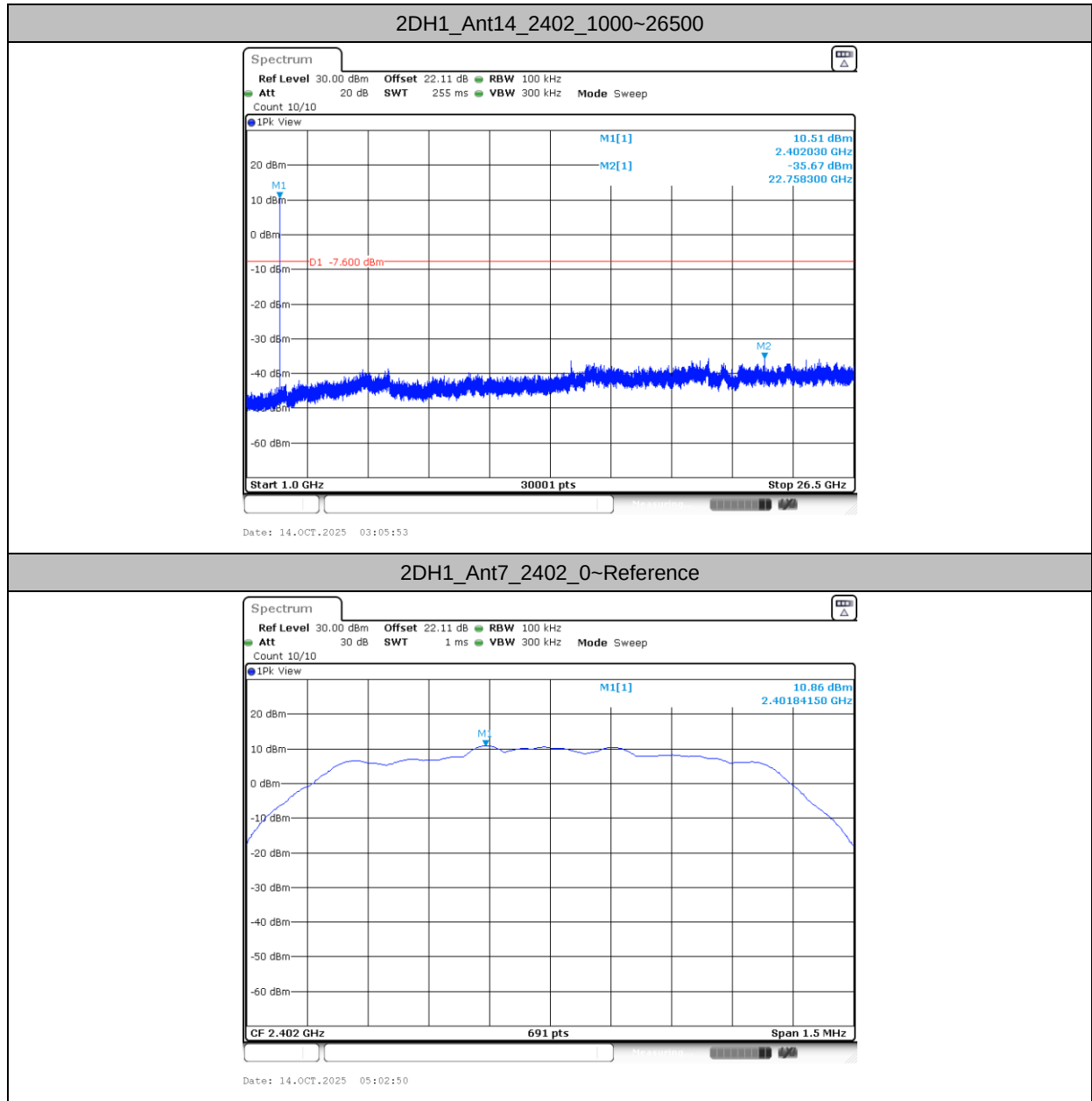


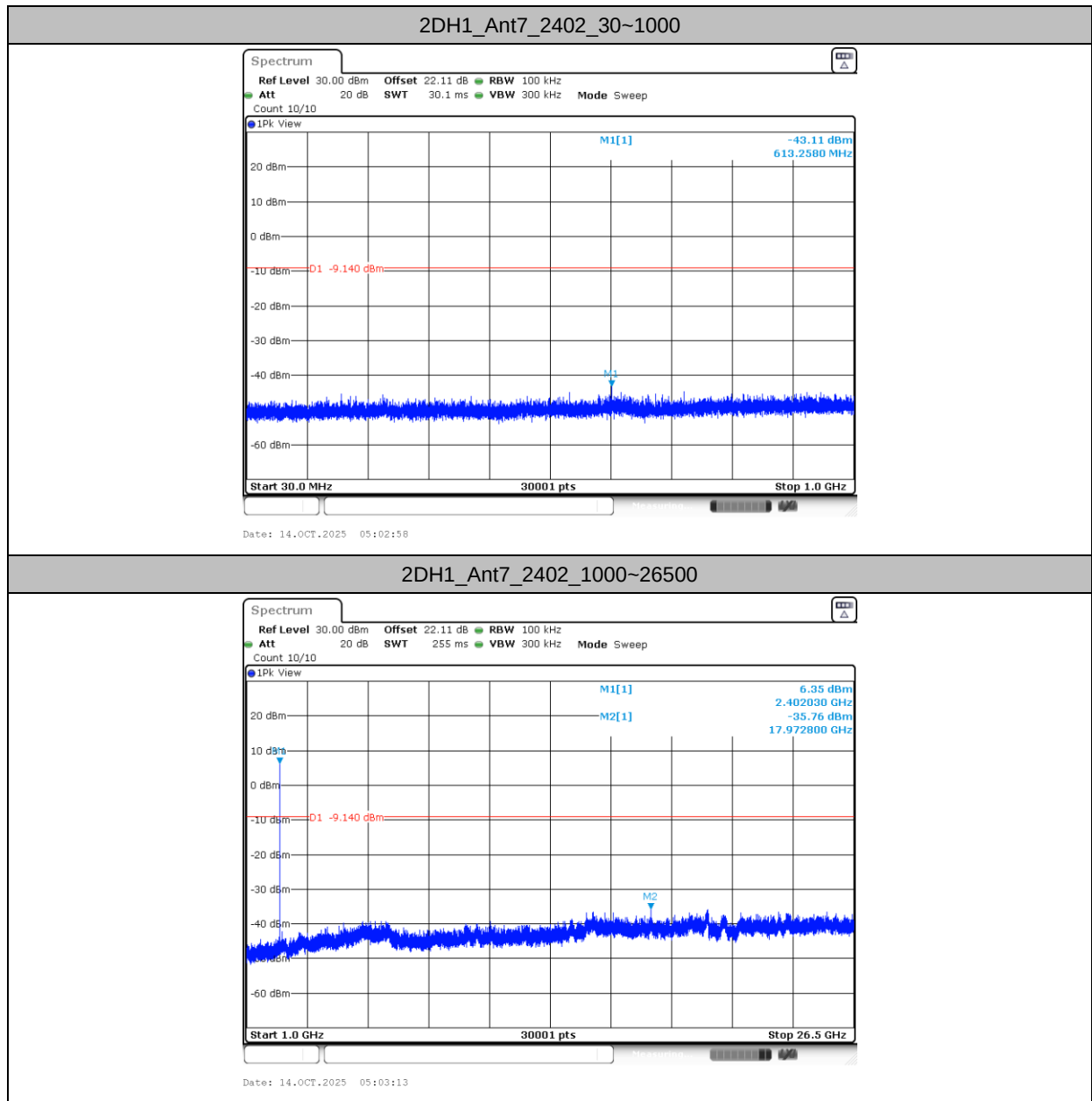


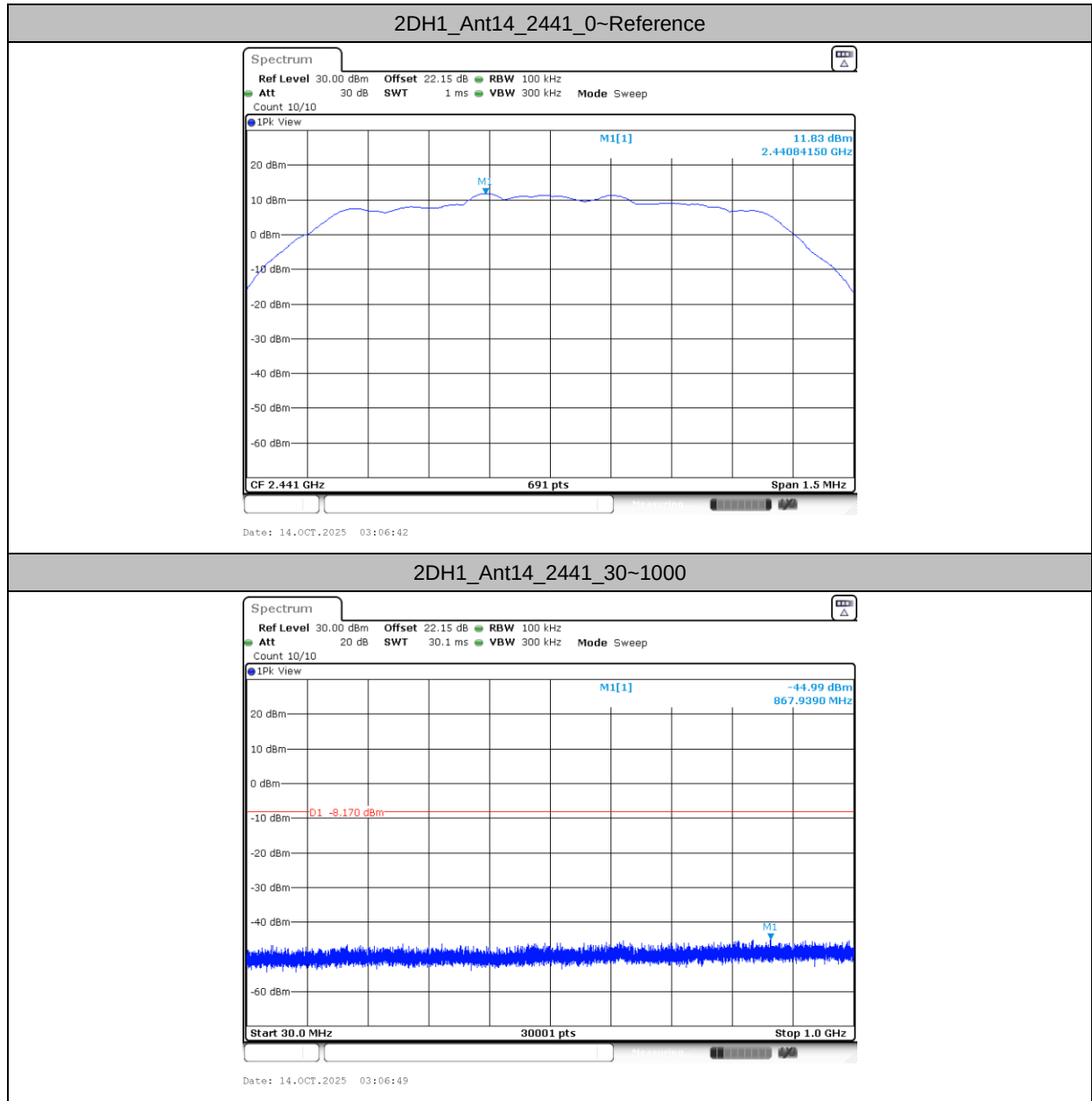


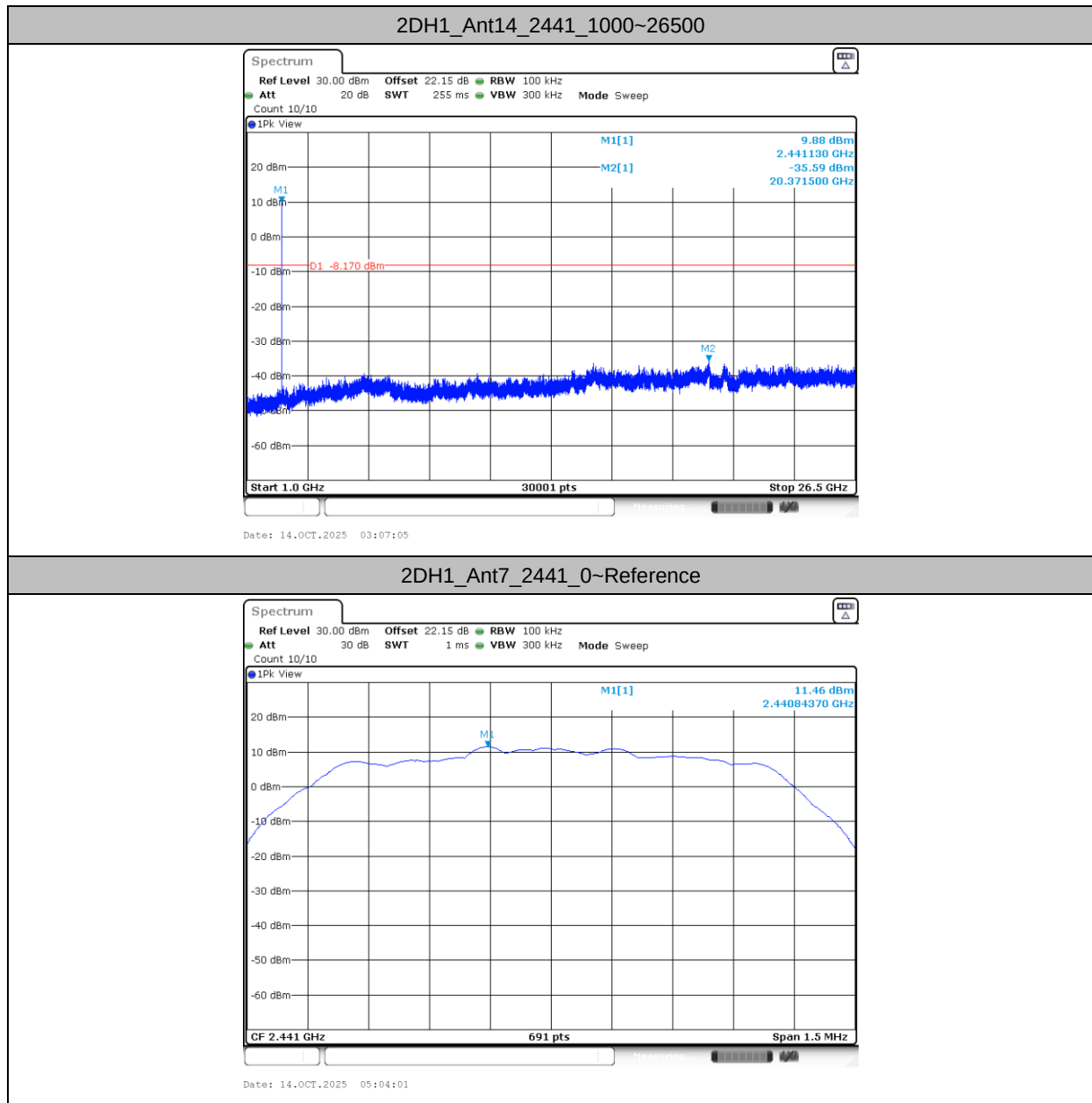


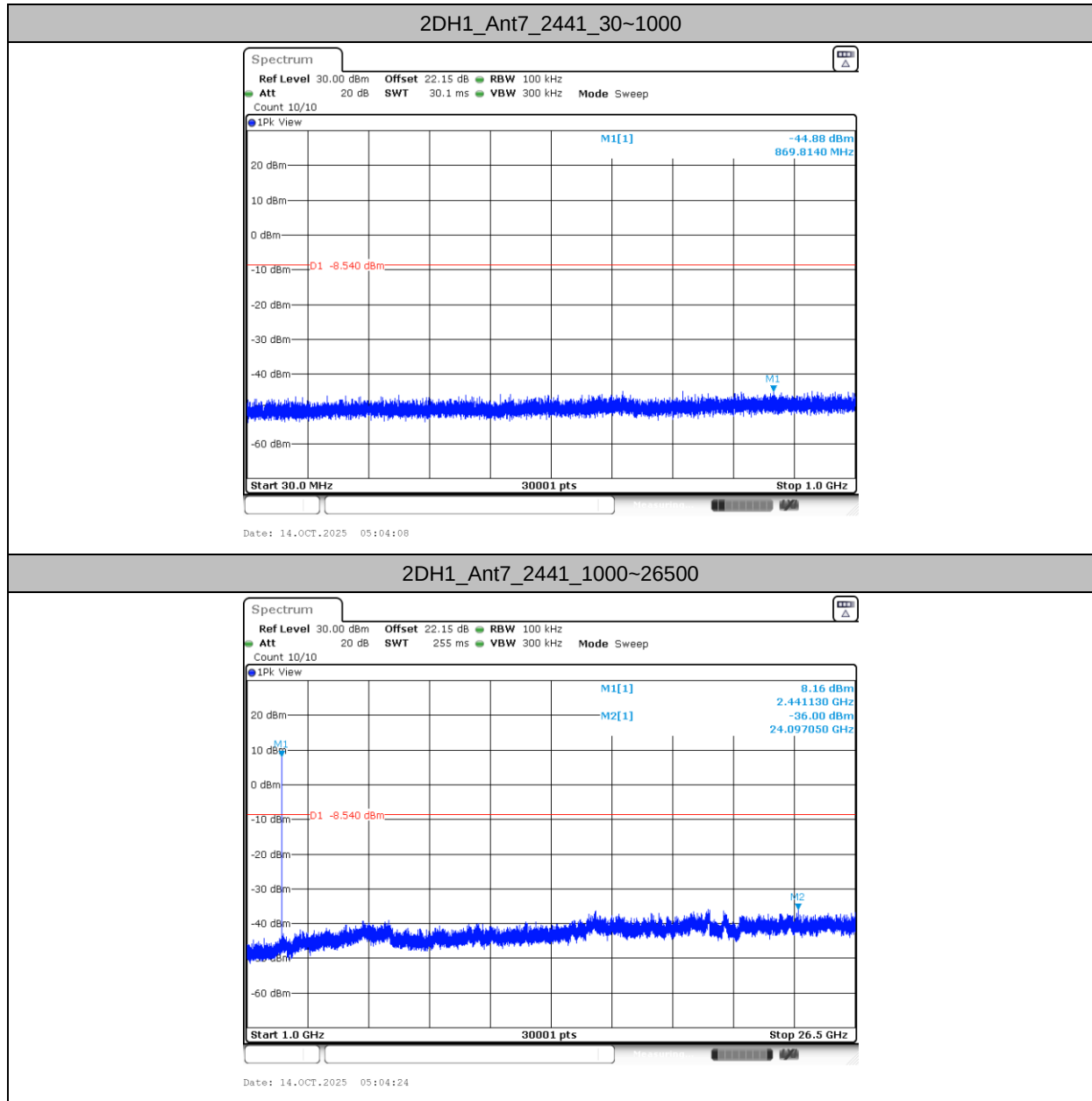


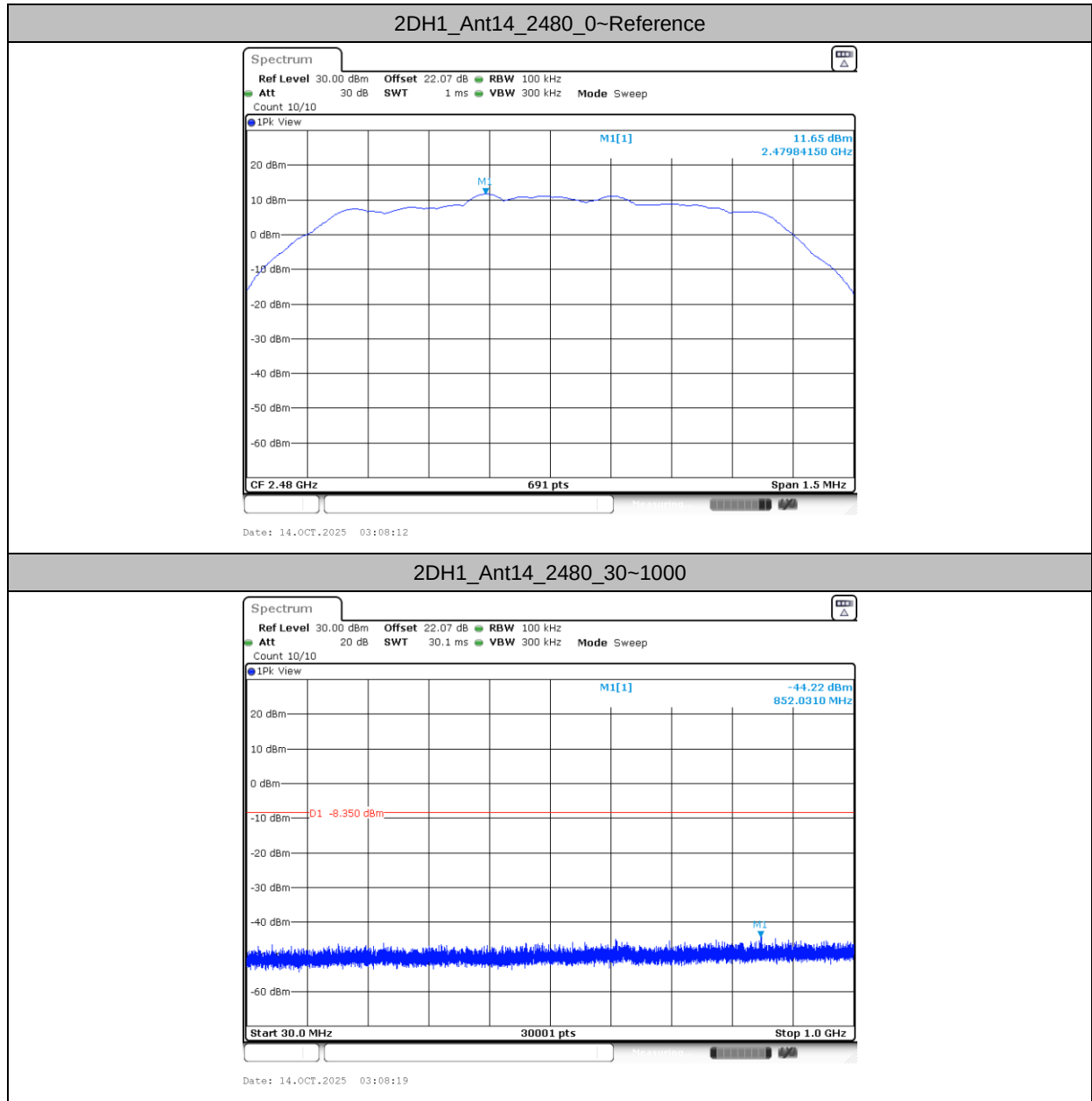


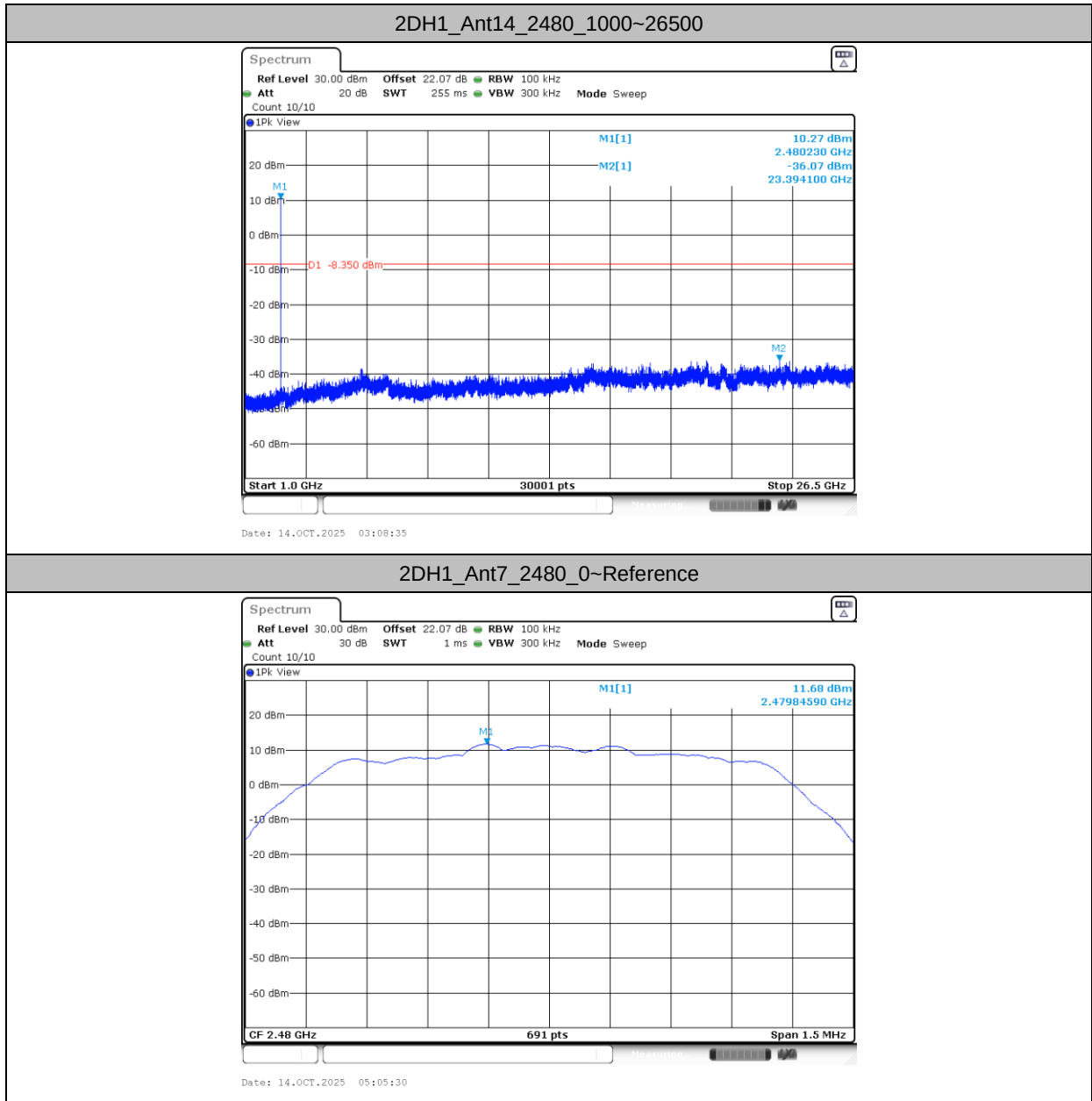


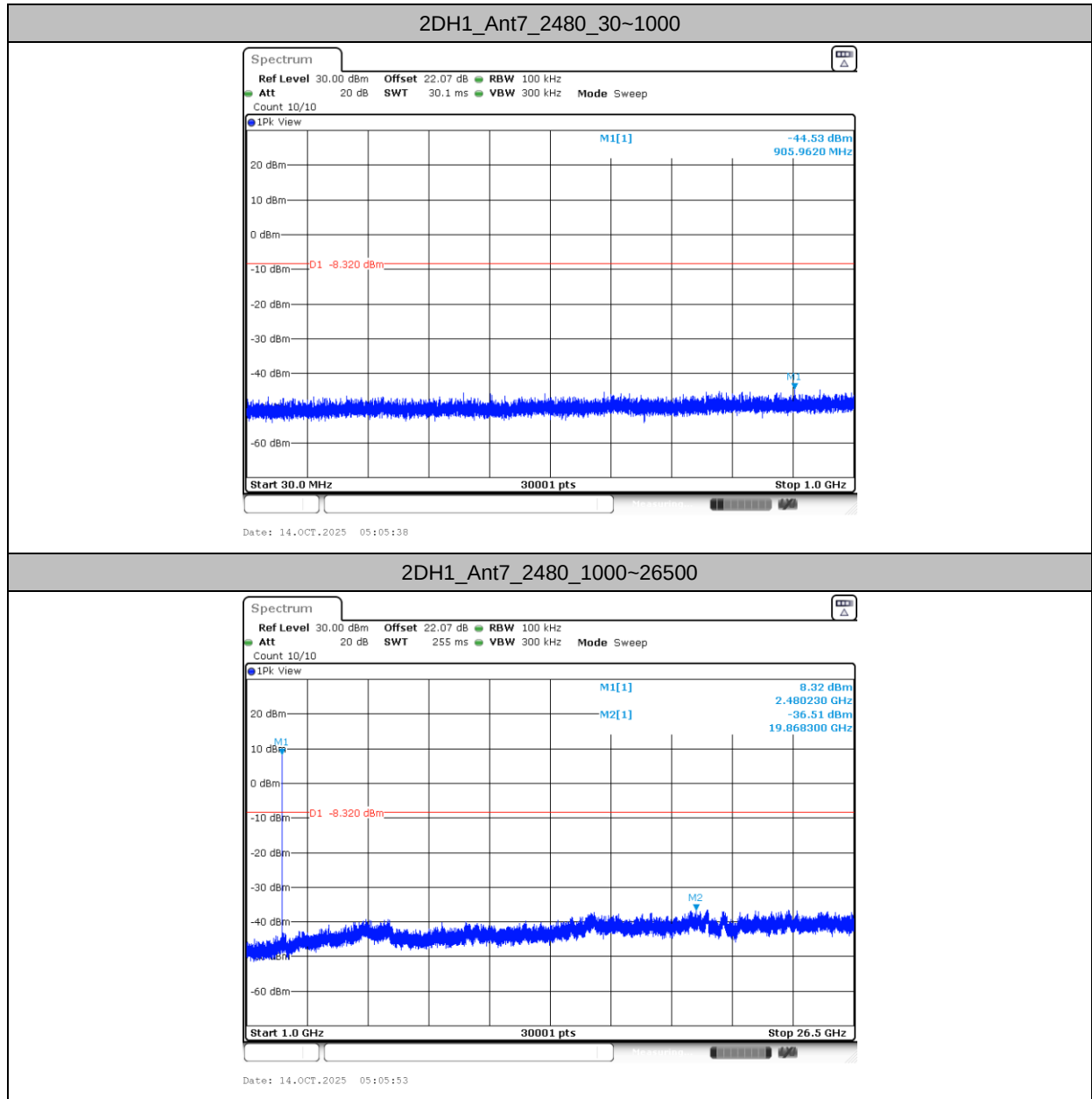


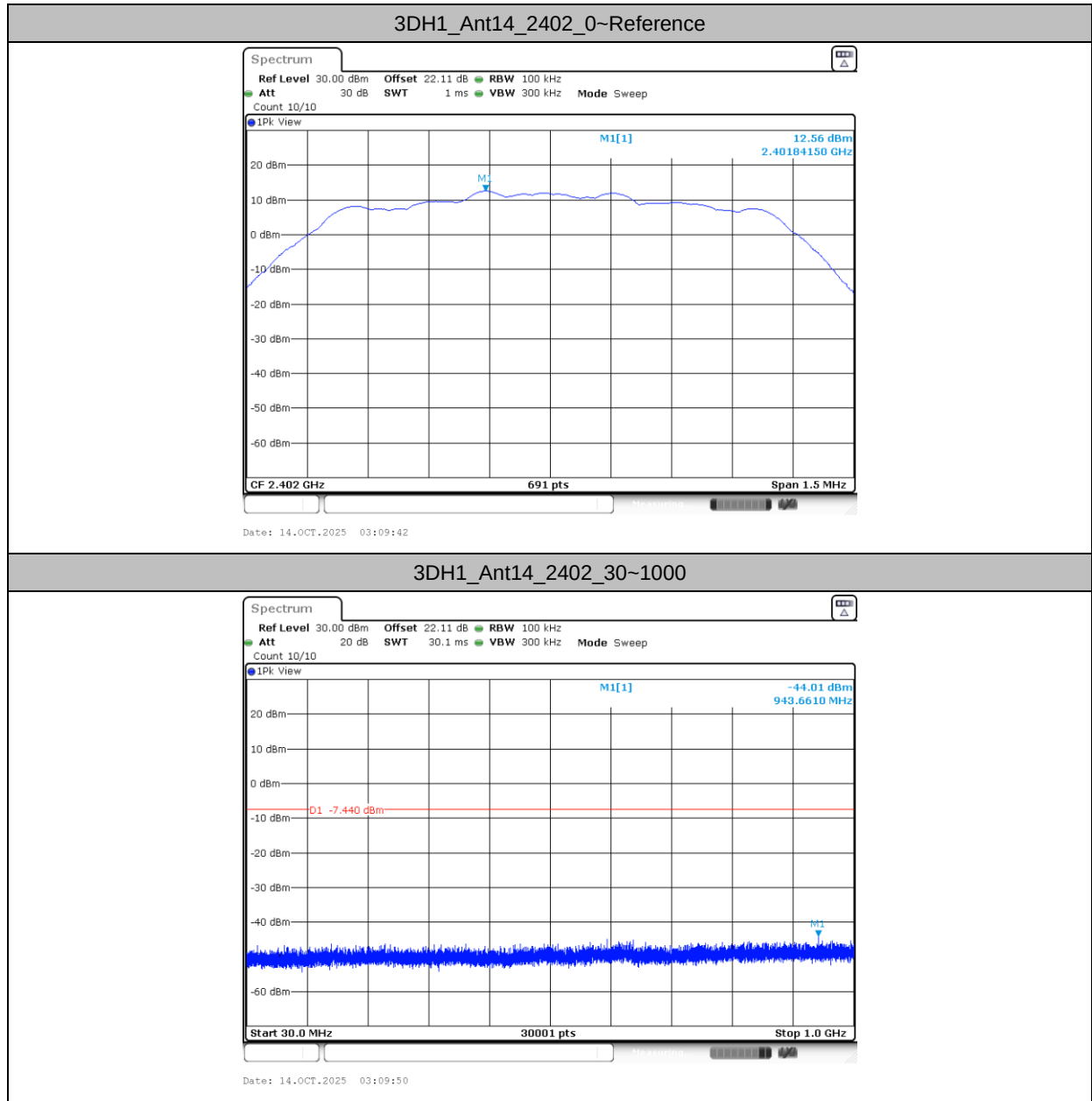


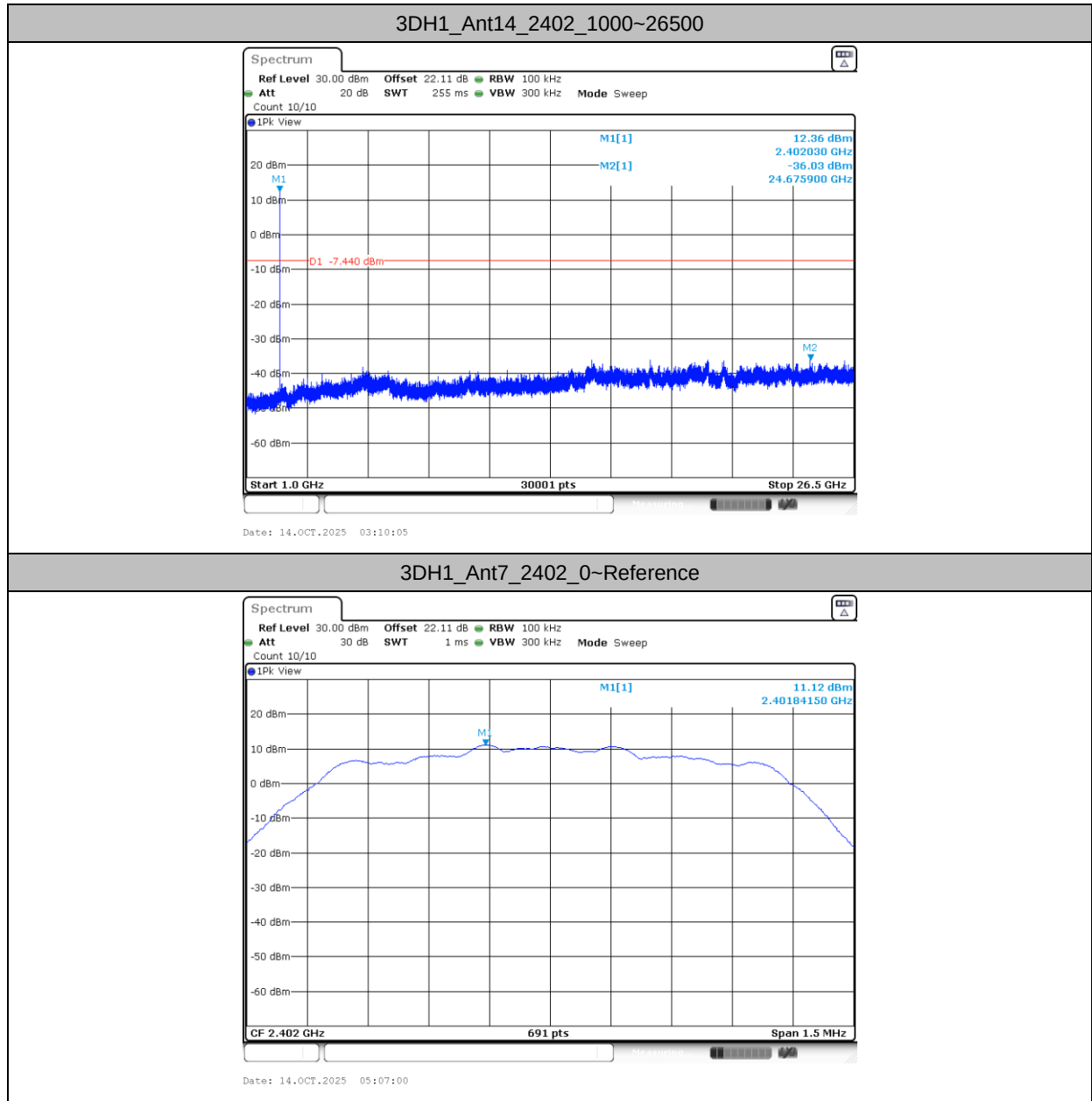


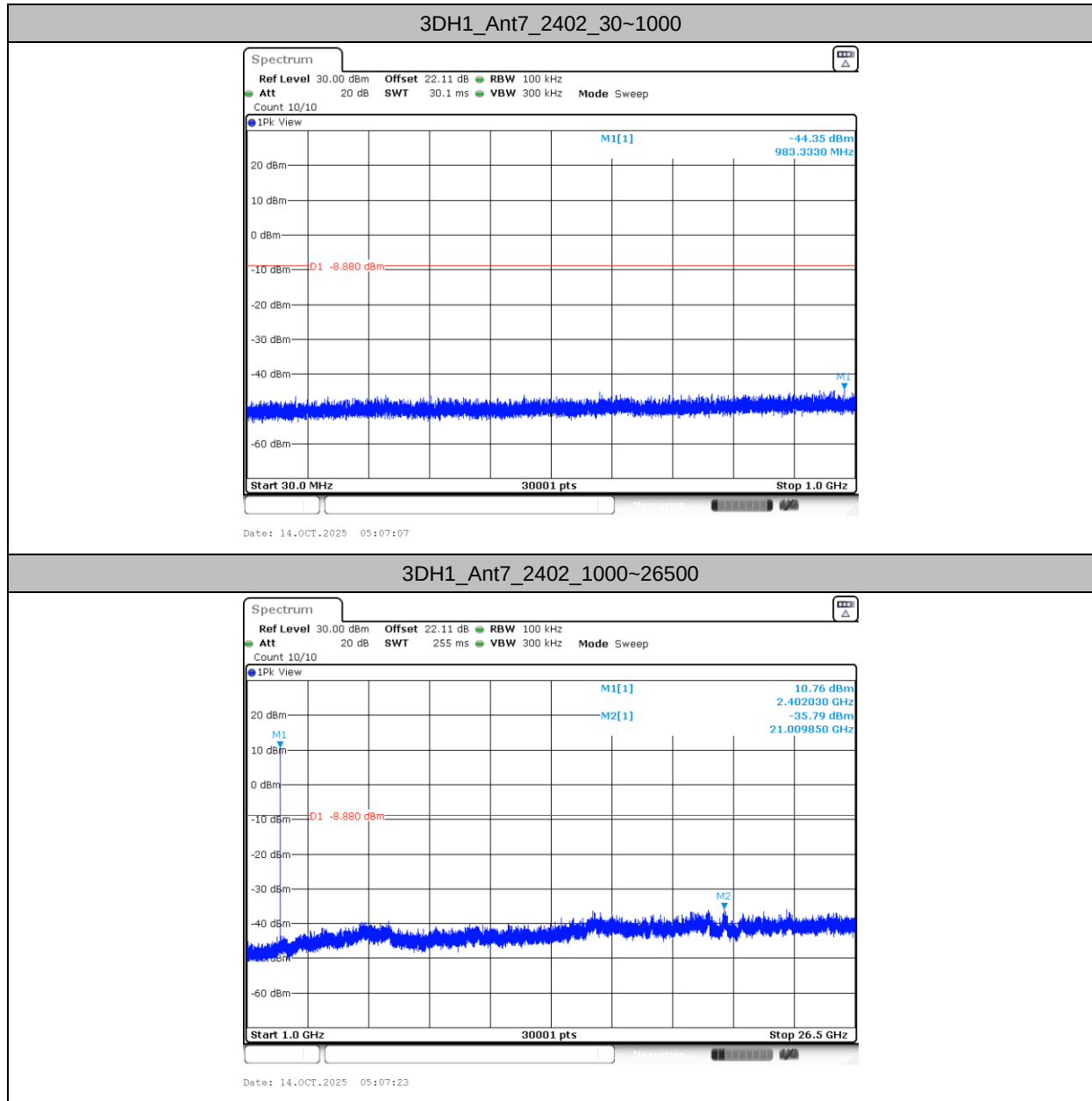


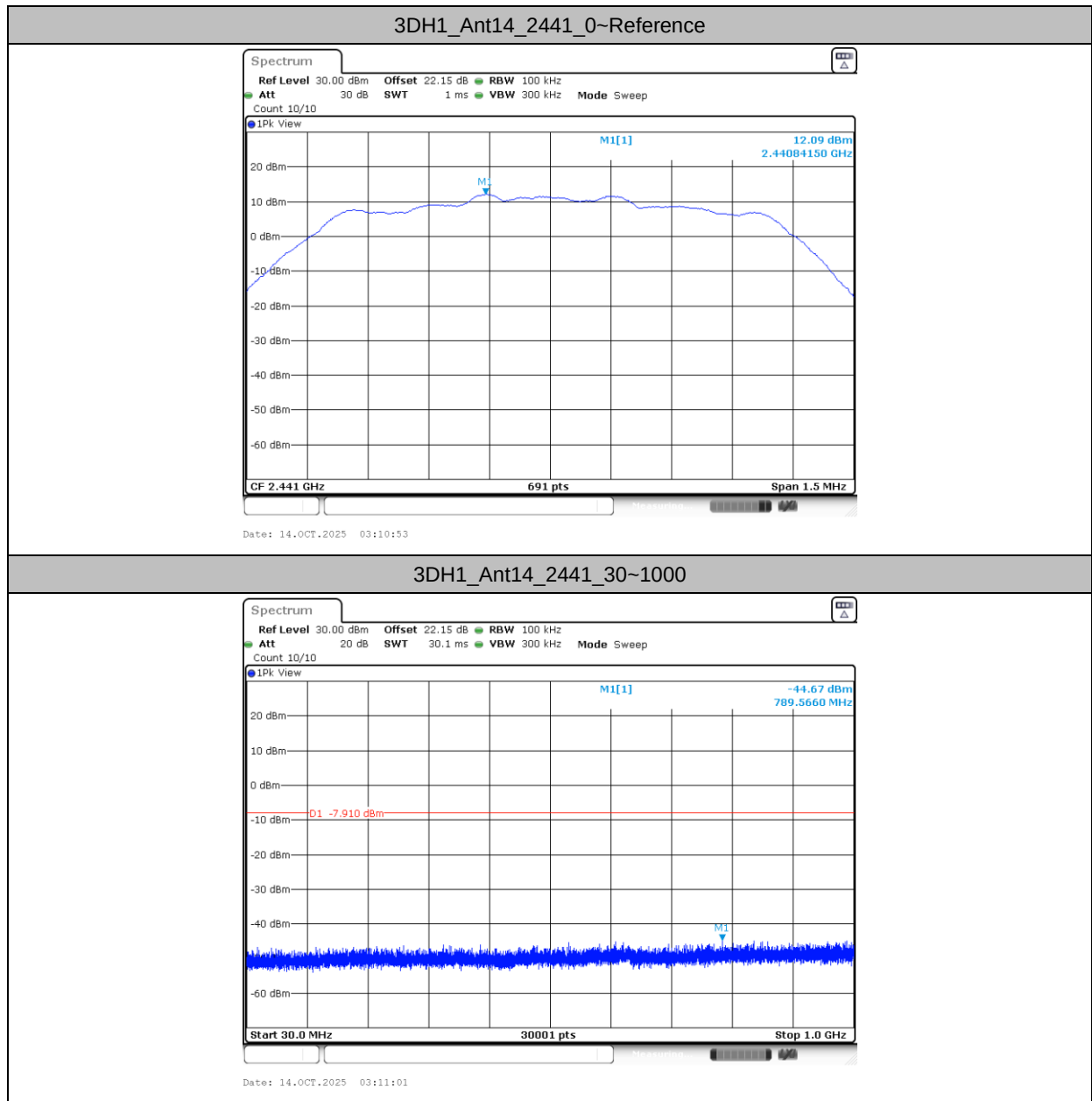


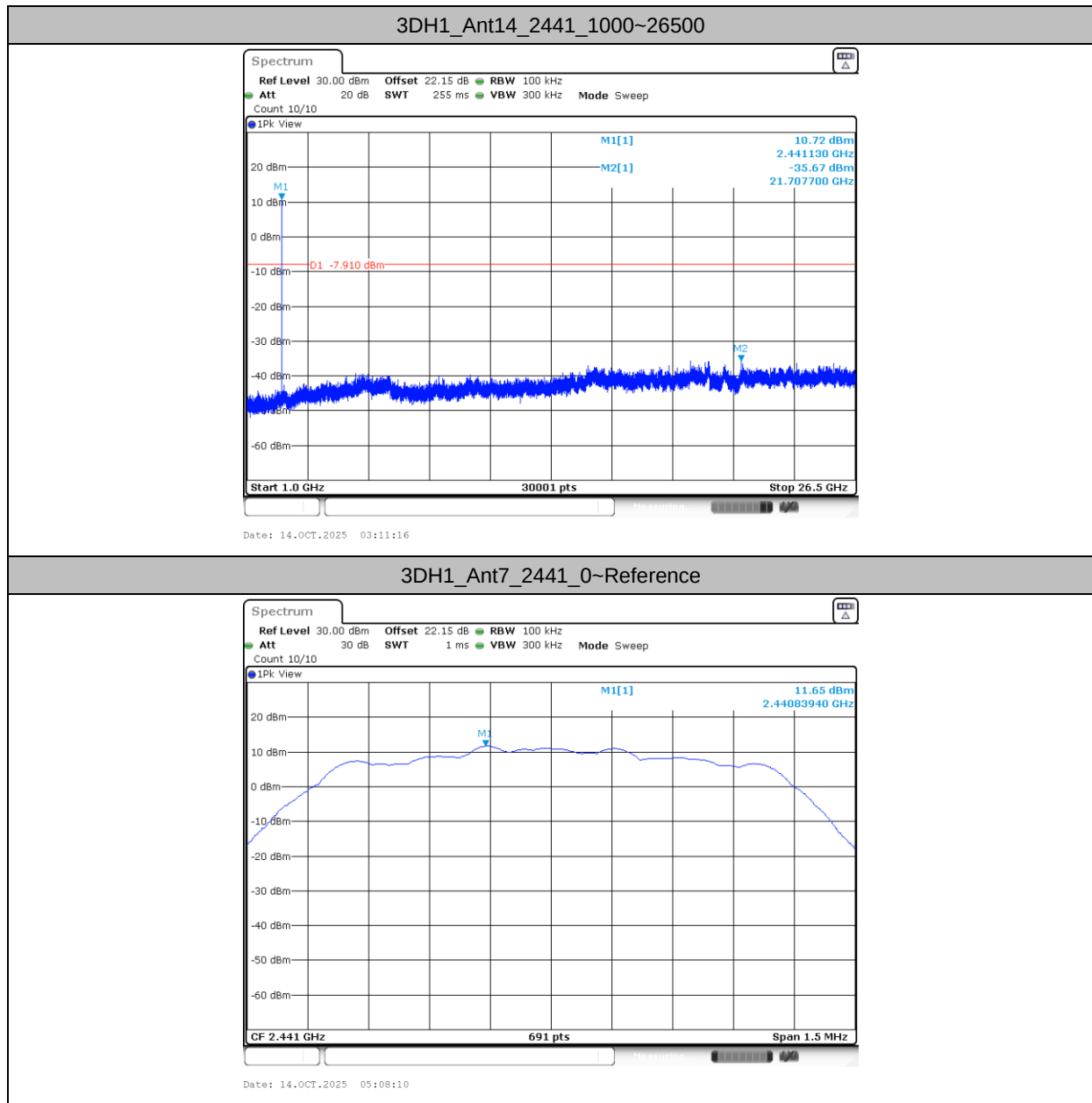


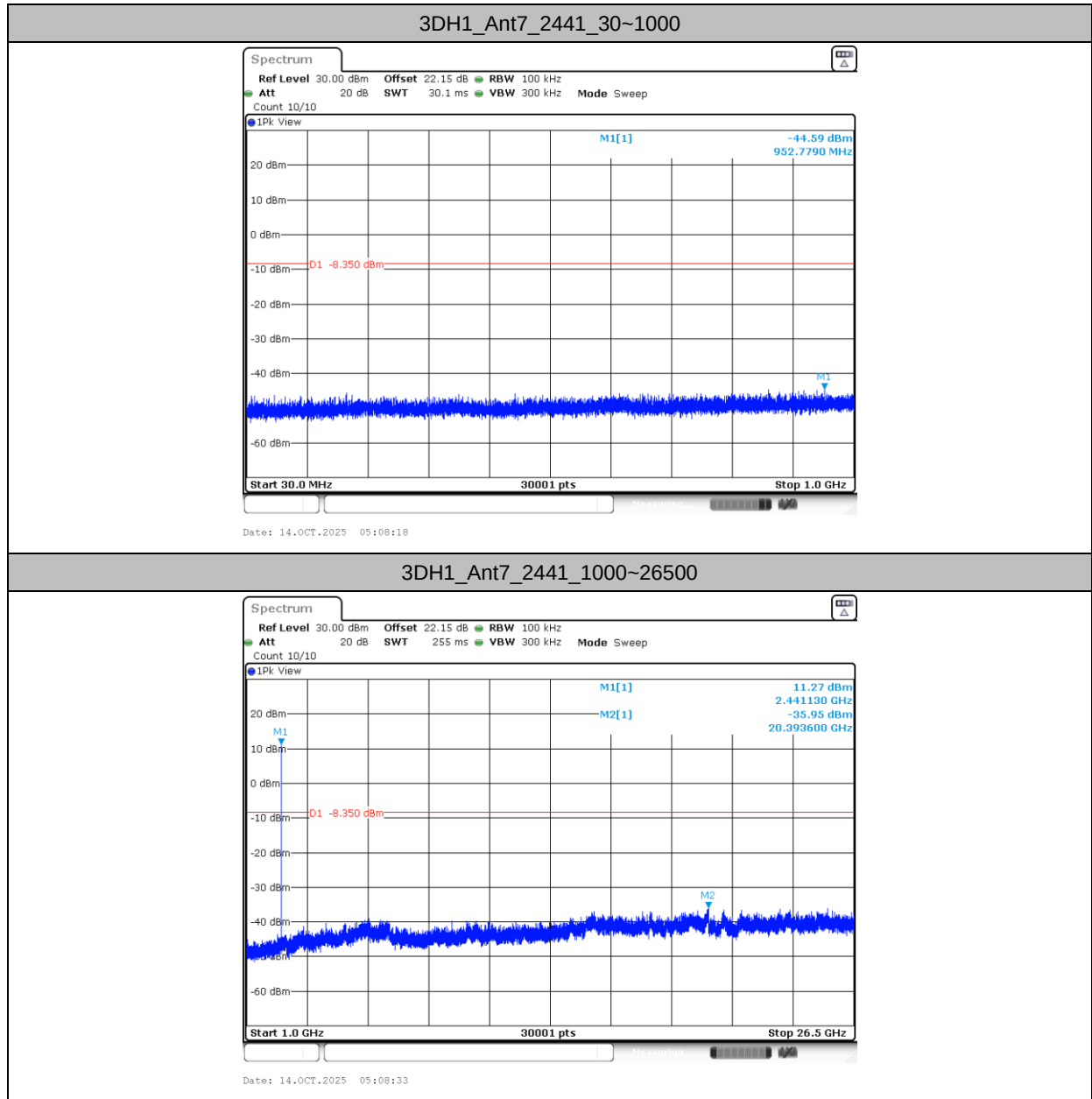


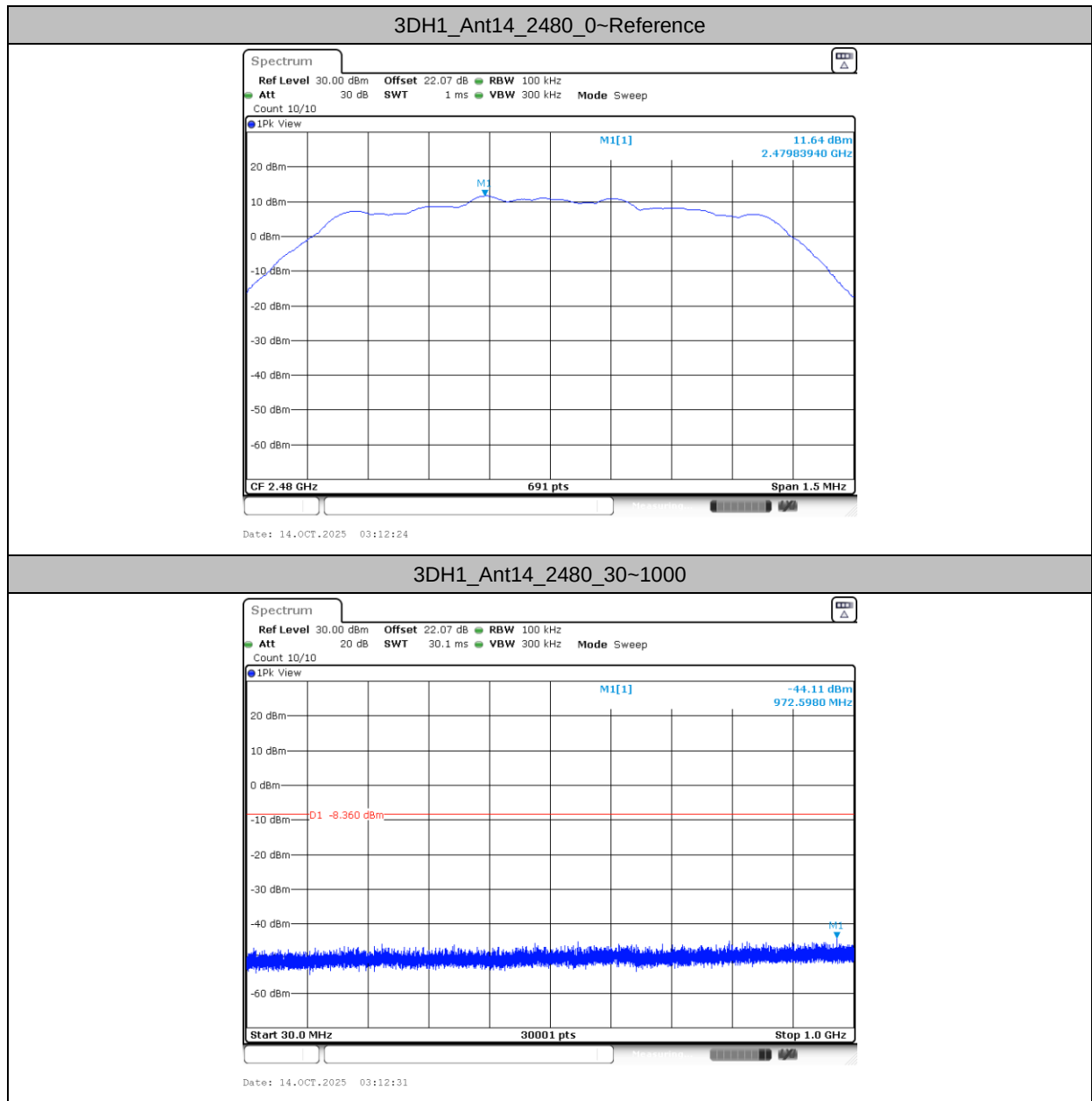


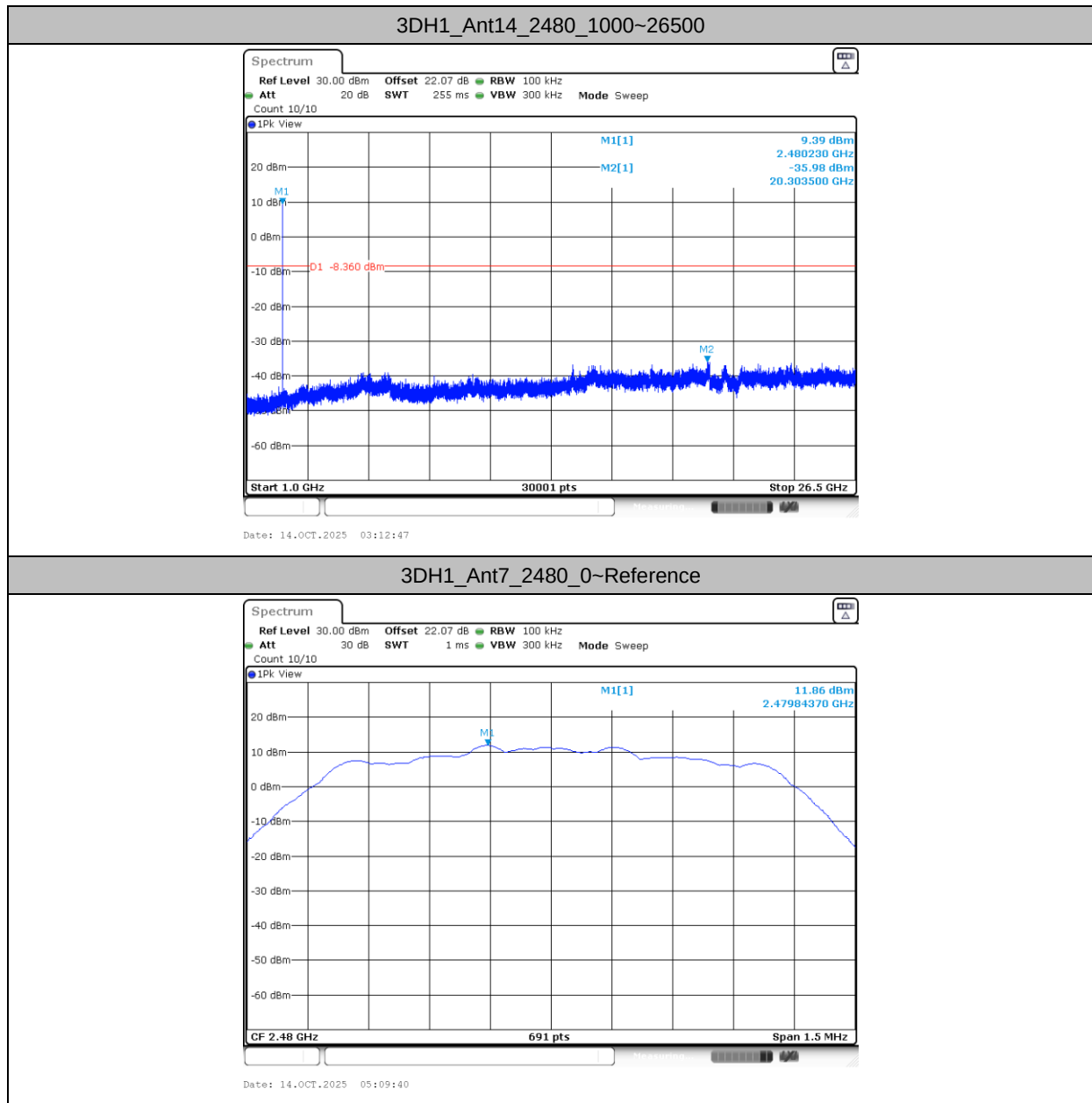


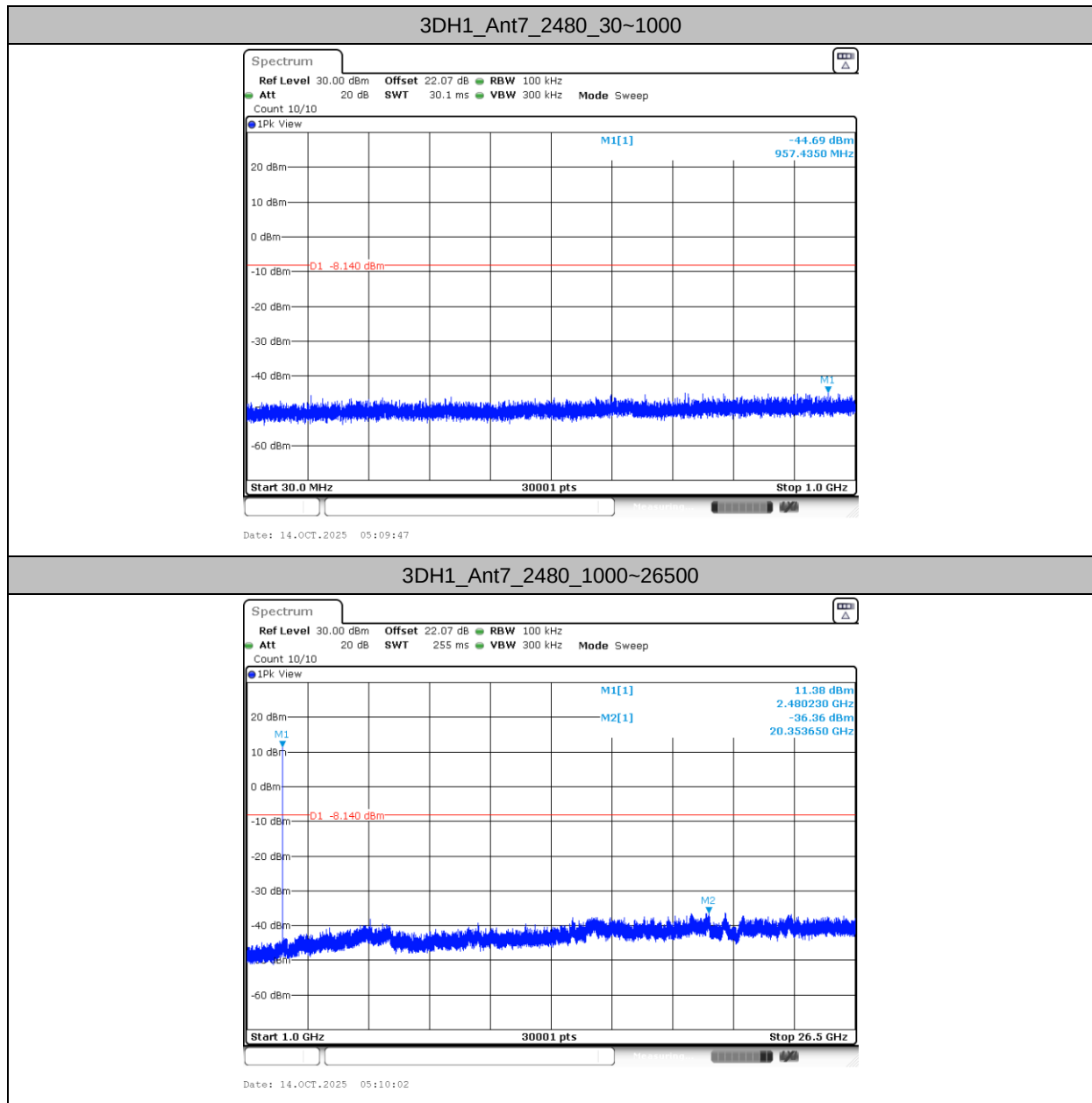












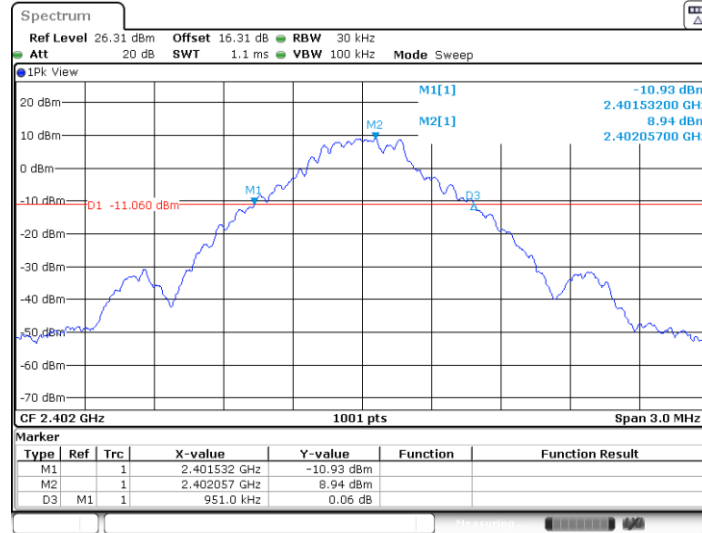
**Beamforming Mode:****20dB Emission Bandwidth****Test Result**

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant14	2402	0.95	2401.53	2402.48	---	---
	Ant7	2402	0.95	2401.54	2402.48	---	---
	Ant14	2441	0.95	2440.53	2441.48	---	---
	Ant7	2441	0.95	2440.54	2441.48	---	---
	Ant14	2480	0.95	2479.53	2480.48	---	---
	Ant7	2480	0.95	2479.53	2480.49	---	---
2DH1	Ant14	2402	1.30	2401.34	2402.64	---	---
	Ant7	2402	1.30	2401.34	2402.64	---	---
	Ant14	2441	1.30	2440.34	2441.64	---	---
	Ant7	2441	1.30	2440.34	2441.64	---	---
	Ant14	2480	1.30	2479.34	2480.64	---	---
	Ant7	2480	1.28	2479.34	2480.62	---	---
3DH1	Ant14	2402	1.26	2401.37	2402.63	---	---
	Ant7	2402	1.26	2401.37	2402.63	---	---
	Ant14	2441	1.27	2440.37	2441.64	---	---
	Ant7	2441	1.26	2440.37	2441.63	---	---
	Ant14	2480	1.26	2479.37	2480.63	---	---
	Ant7	2480	1.26	2479.37	2480.63	---	---

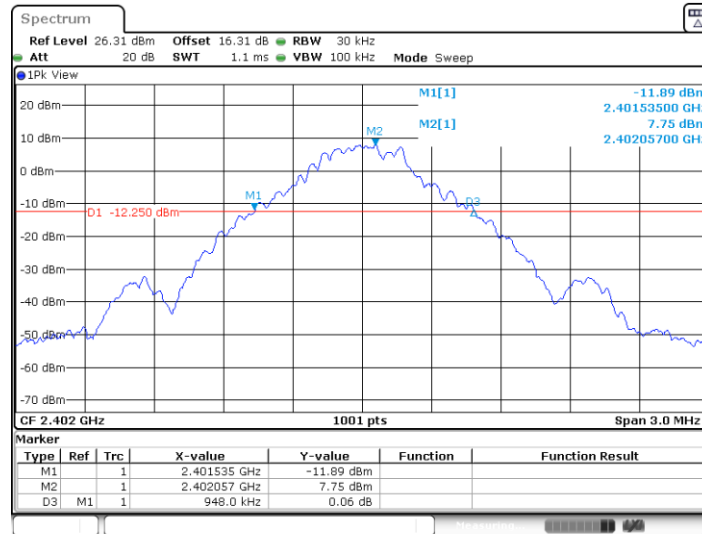


Test Graphs

DH5_Ant14_2402

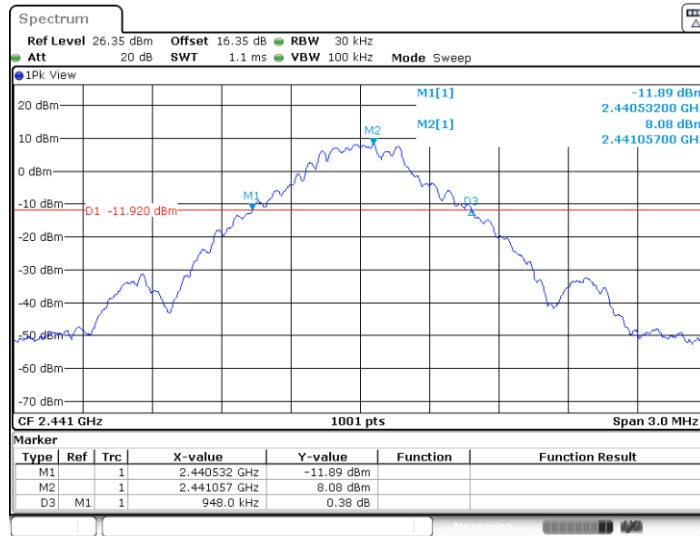


DH5_Ant7_2402



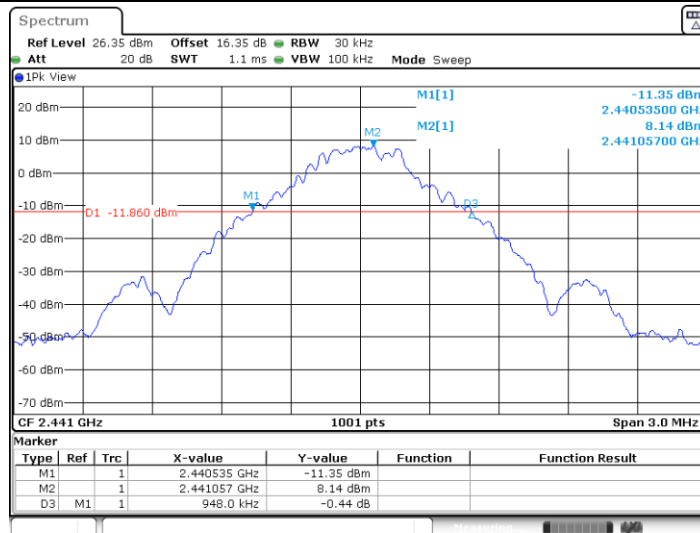


DH5_Ant14_2441



Date: 13.OCT.2025 18:58:36

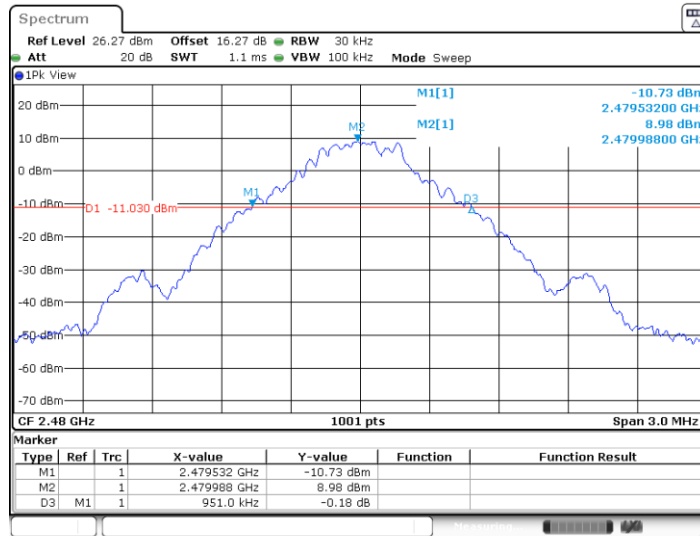
DH5_Ant7_2441



Date: 13.OCT.2025 20:32:39

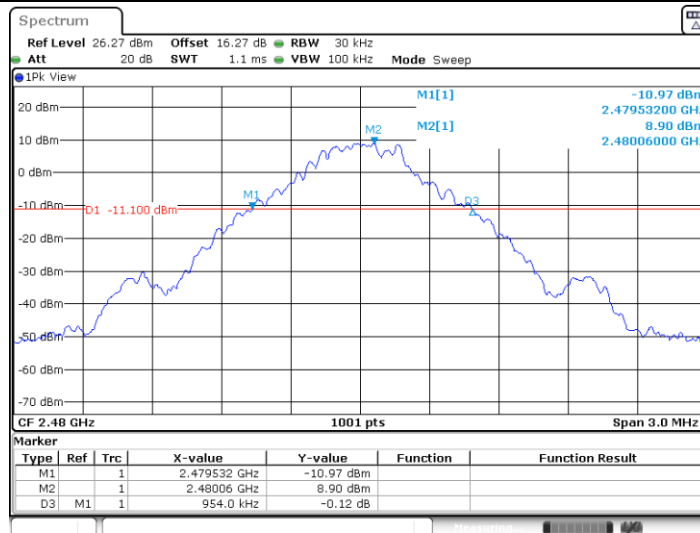


DH5_Ant14_2480



Date: 13.OCT.2025 18:59:41

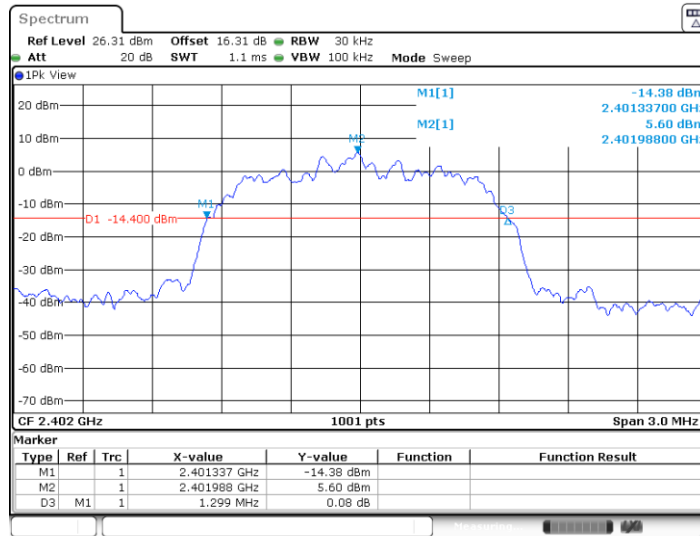
DH5_Ant7_2480



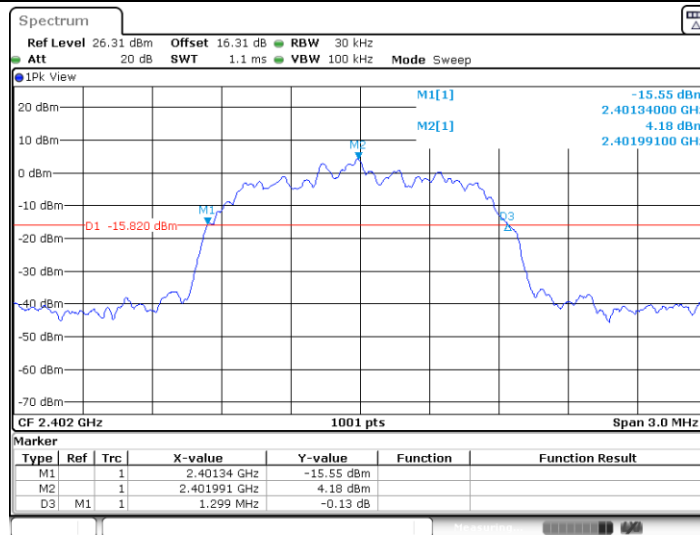
Date: 13.OCT.2025 20:33:43



2DH1_Ant14_2402

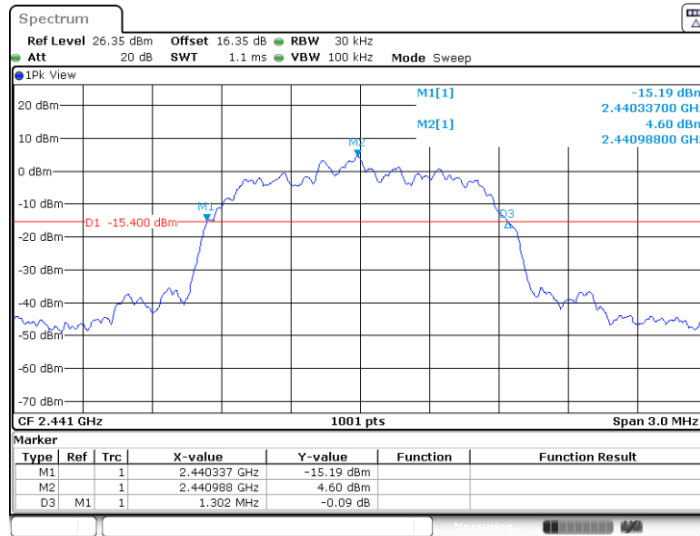


2DH1_Ant7_2402

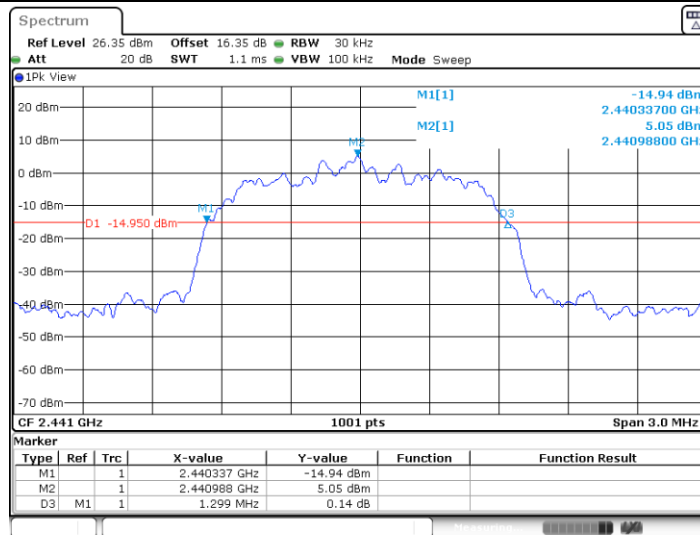




2DH1_Ant14_2441

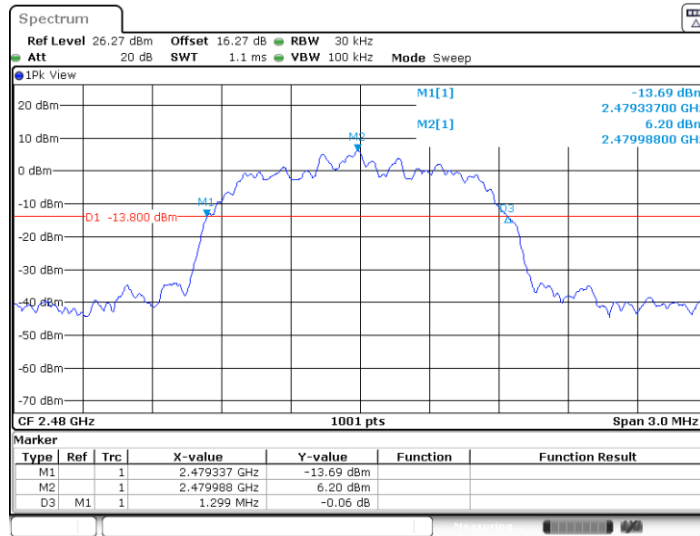


2DH1_Ant7_2441



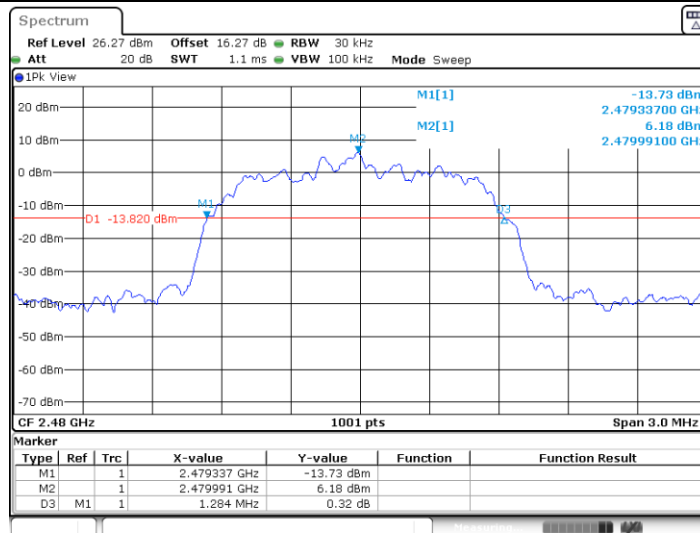


2DH1_Ant14_2480



Date: 13.OCT.2025 19:04:50

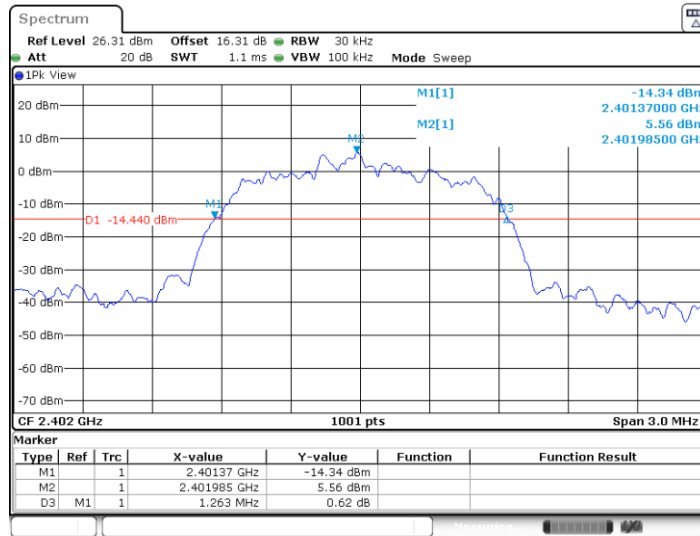
2DH1_Ant7_2480



Date: 13.OCT.2025 20:37:18

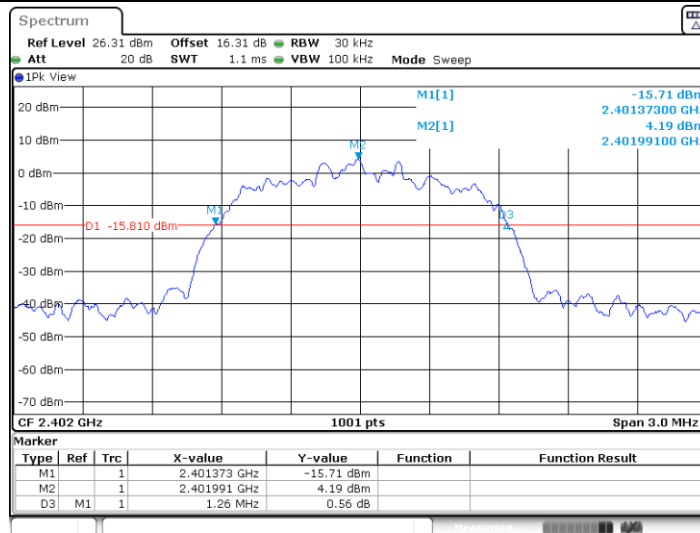


3DH1_Ant14_2402



Date: 13.OCT.2025 19:06:11

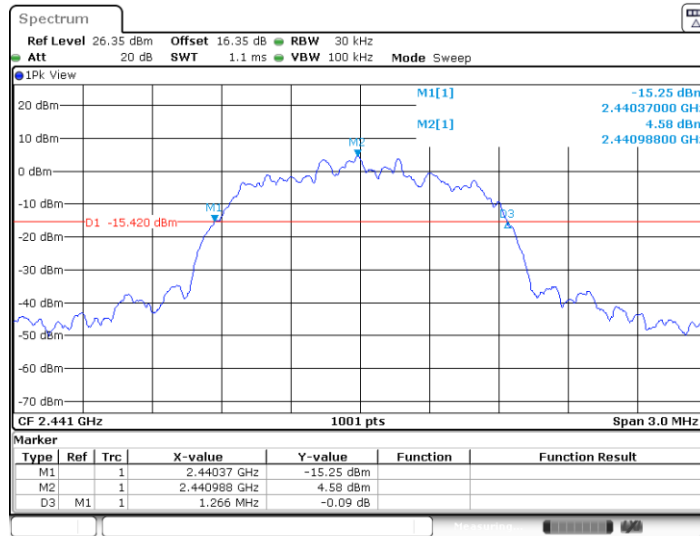
3DH1_Ant7_2402



Date: 13.OCT.2025 20:38:36

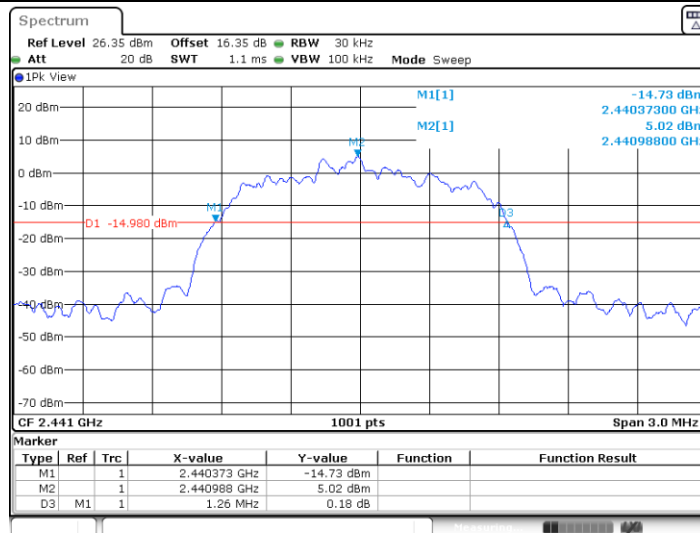


3DH1_Ant14_2441



Date: 13.OCT.2025 19:07:47

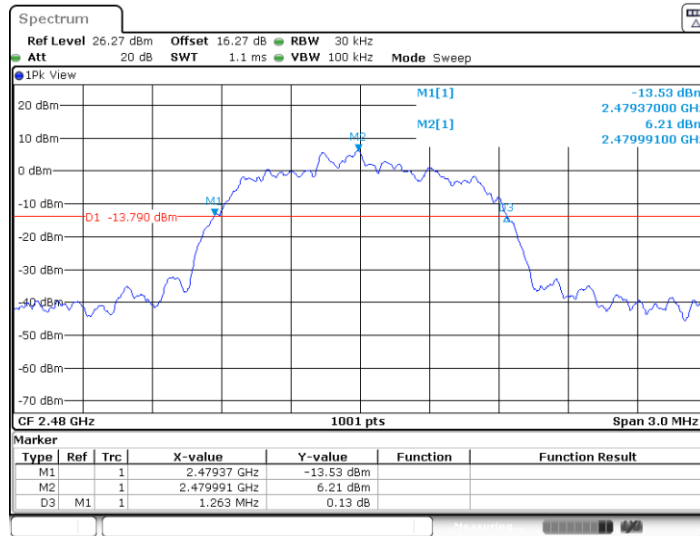
3DH1_Ant7_2441



Date: 13.OCT.2025 20:39:50

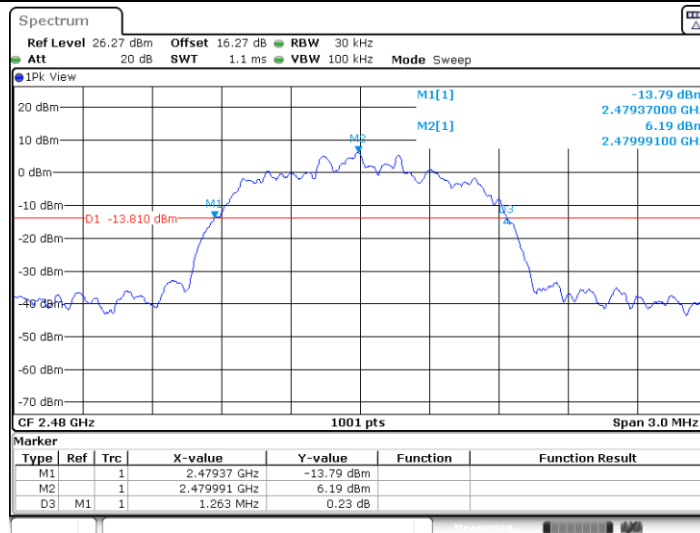


3DH1_Ant14_2480



Date: 13.OCT.2025 19:08:52

3DH1_Ant7_2480



Date: 13.OCT.2025 20:40:58



Occupied Channel Bandwidth

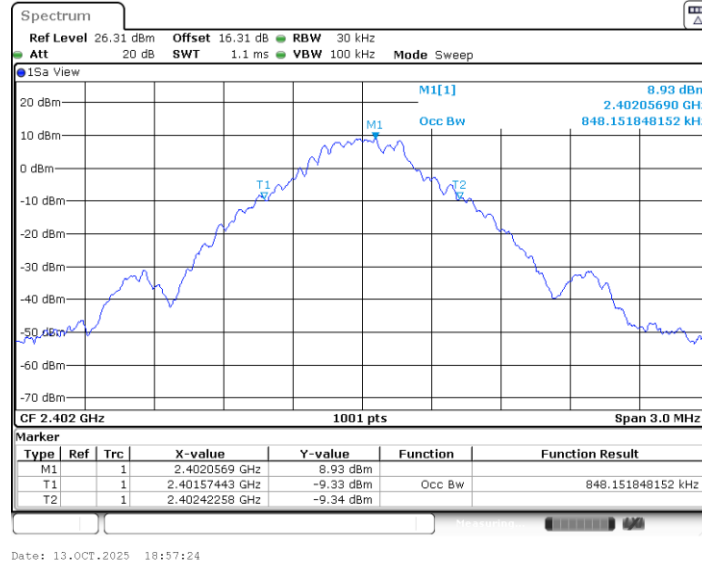
Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant14	2402	0.848	2401.5744	2402.4226	---	---
	Ant7	2402	0.851	2401.5744	2402.4256	---	---
	Ant14	2441	0.848	2440.5714	2441.4196	---	---
	Ant7	2441	0.848	2440.5744	2441.4226	---	---
	Ant14	2480	0.854	2479.5654	2480.4196	---	---
	Ant7	2480	0.854	2479.5684	2480.4226	---	---
2DH1	Ant14	2402	1.166	2401.4096	2402.5754	---	---
	Ant7	2402	1.166	2401.4096	2402.5754	---	---
	Ant14	2441	1.169	2440.4066	2441.5754	---	---
	Ant7	2441	1.166	2440.4096	2441.5754	---	---
	Ant14	2480	1.166	2479.4066	2480.5724	---	---
	Ant7	2480	1.166	2479.4066	2480.5724	---	---
3DH1	Ant14	2402	1.151	2401.4366	2402.5874	---	---
	Ant7	2402	1.151	2401.4366	2402.5874	---	---
	Ant14	2441	1.154	2440.4336	2441.5874	---	---
	Ant7	2441	1.154	2440.4336	2441.5874	---	---
	Ant14	2480	1.154	2479.4306	2480.5844	---	---
	Ant7	2480	1.151	2479.4336	2480.5844	---	---

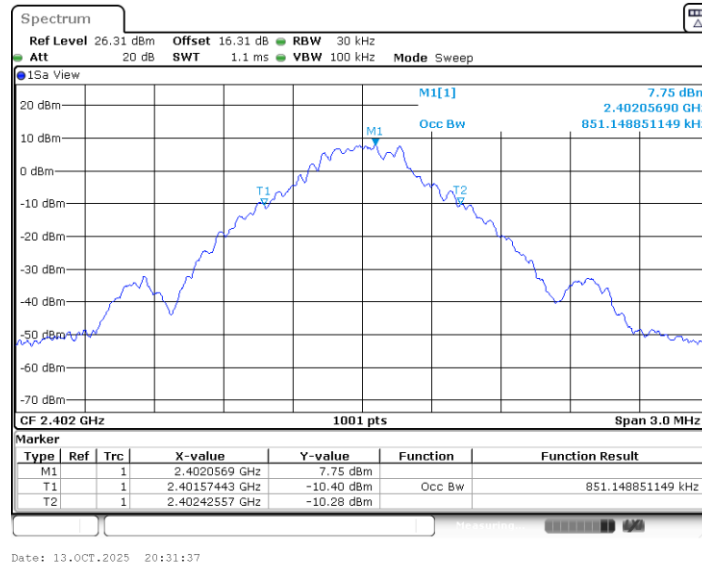


Test Graphs

DH5_Ant14_2402

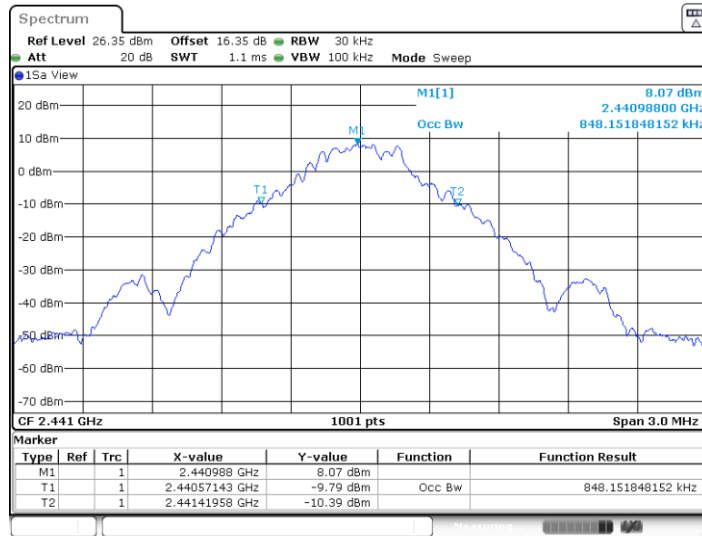


DH5_Ant7_2402



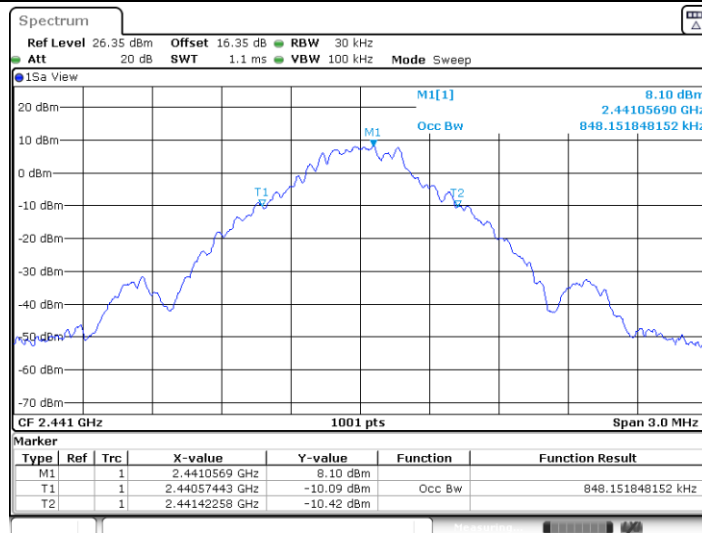


DH5_Ant14_2441



Date: 13.OCT.2025 18:58:47

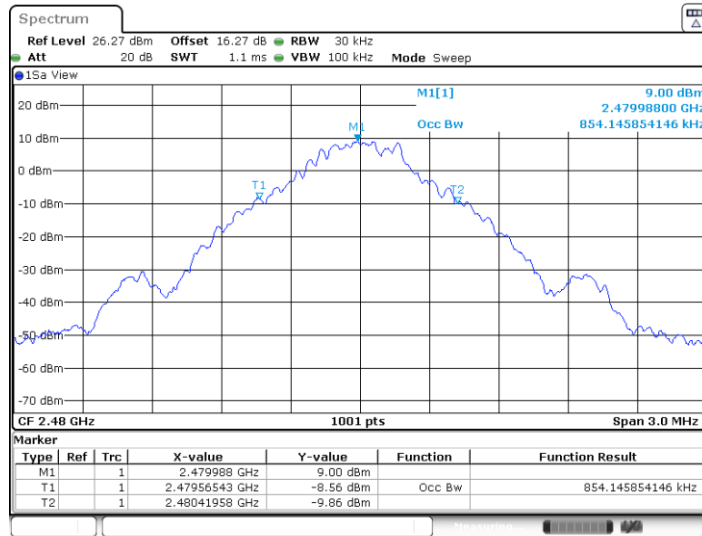
DH5_Ant7_2441



Date: 13.OCT.2025 20:32:50

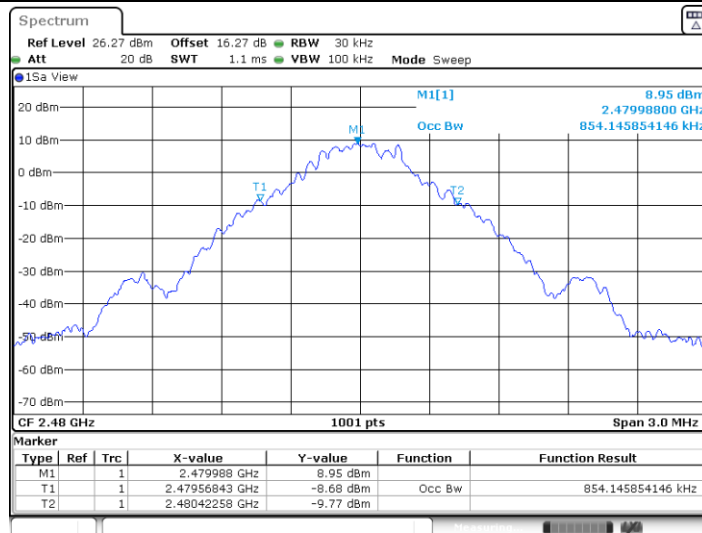


DH5_Ant14_2480



Date: 13.OCT.2025 18:59:52

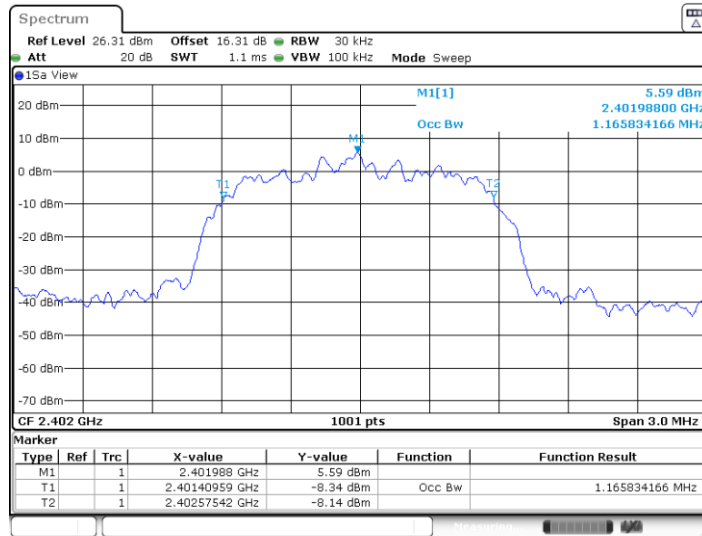
DH5_Ant7_2480



Date: 13.OCT.2025 20:33:54

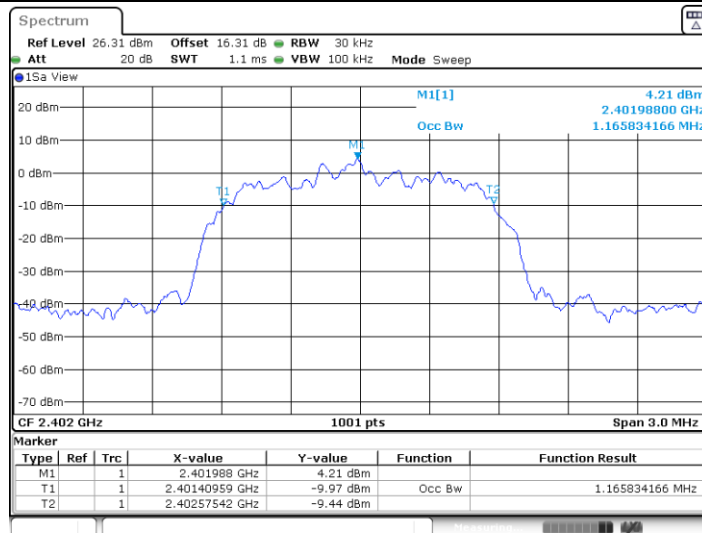


2DH1_Ant14_2402



Date: 13.OCT.2025 19:01:21

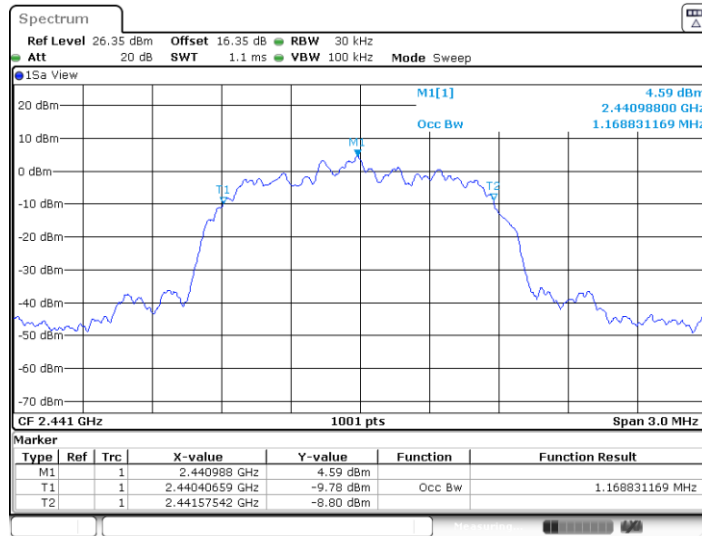
2DH1_Ant7_2402



Date: 13.OCT.2025 20:35:08

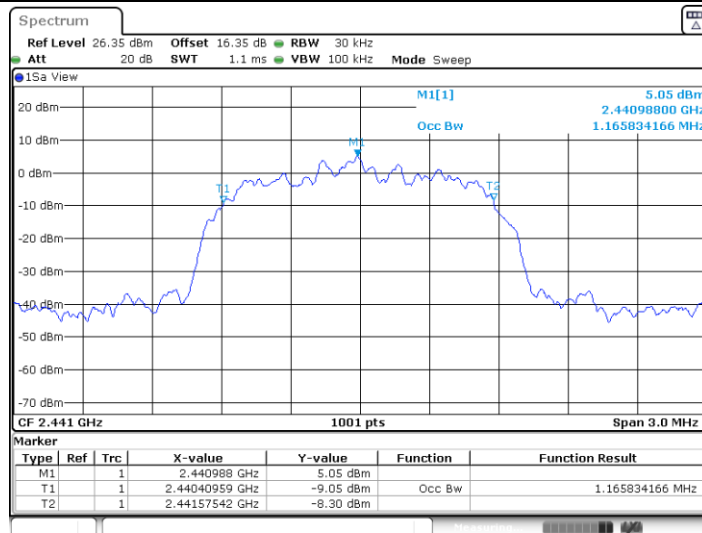


2DH1_Ant14_2441



Date: 13.OCT.2025 19:03:09

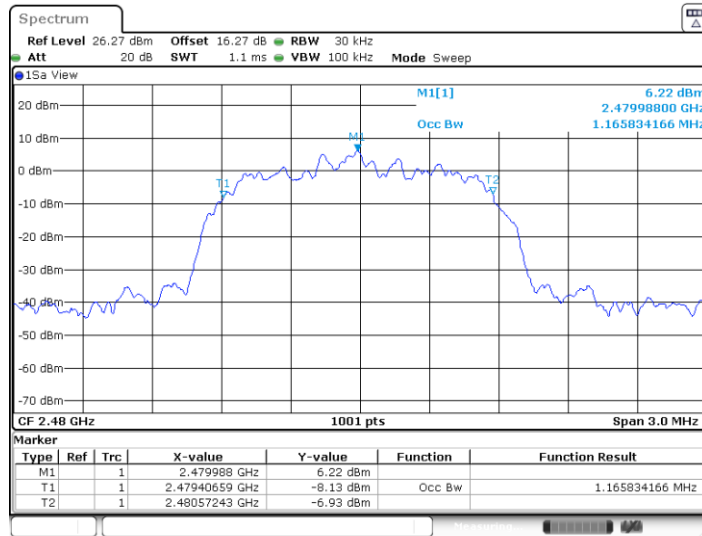
2DH1_Ant7_2441



Date: 13.OCT.2025 20:36:30

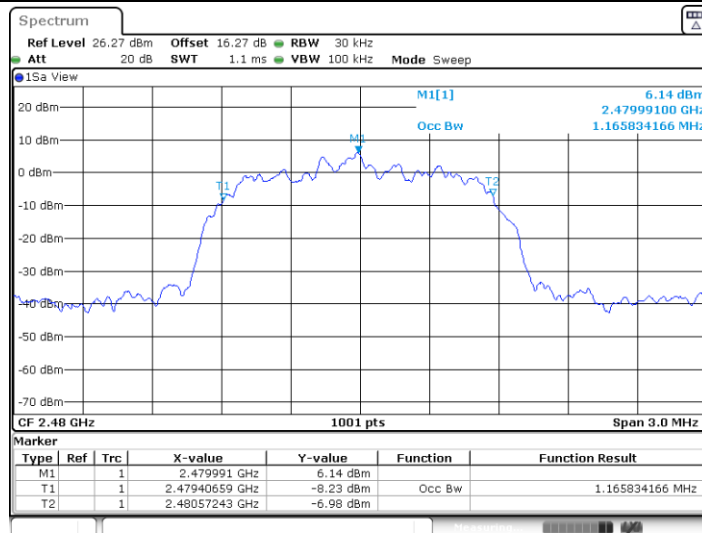


2DH1_Ant14_2480



Date: 13.OCT.2025 19:05:01

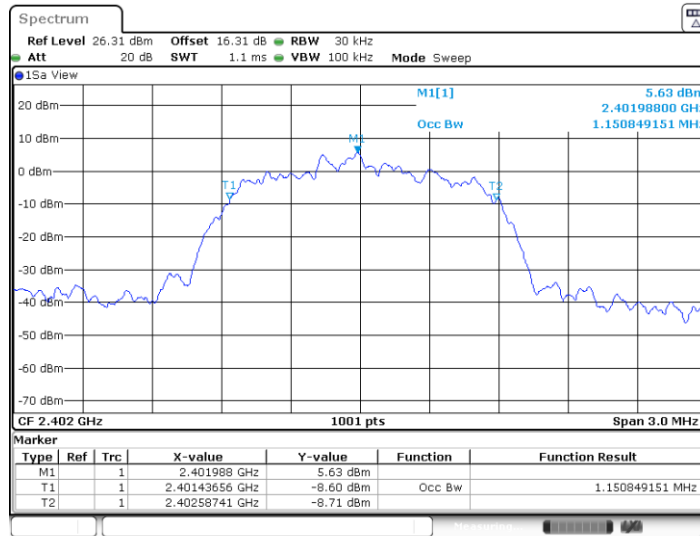
2DH1_Ant7_2480



Date: 13.OCT.2025 20:37:29

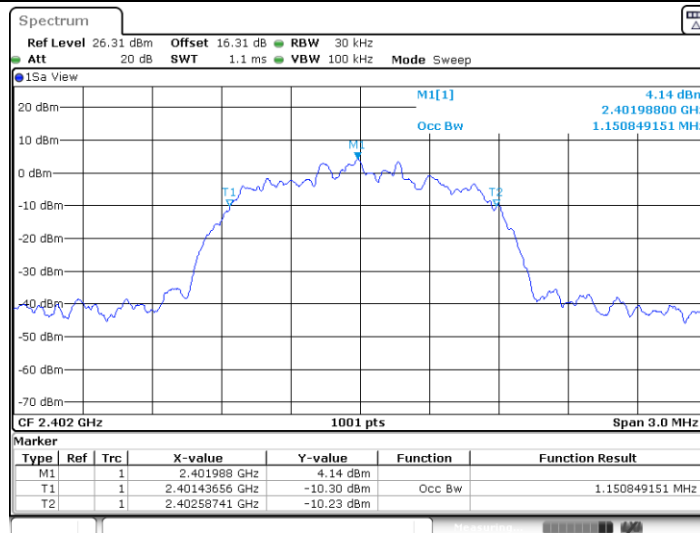


3DH1_Ant14_2402



Date: 13.OCT.2025 19:06:22

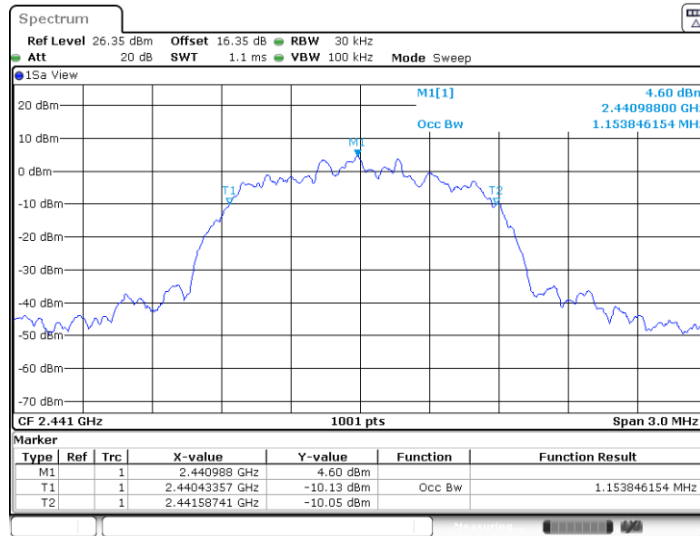
3DH1_Ant7_2402



Date: 13.OCT.2025 20:38:46

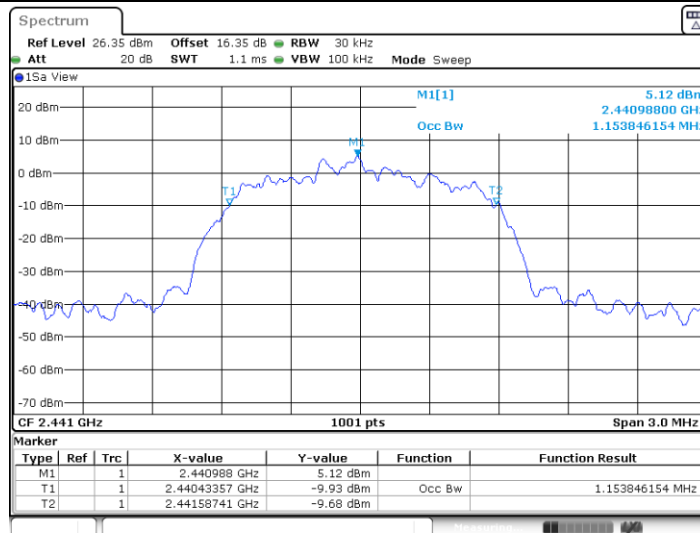


3DH1_Ant14_2441



Date: 13.OCT.2025 19:07:58

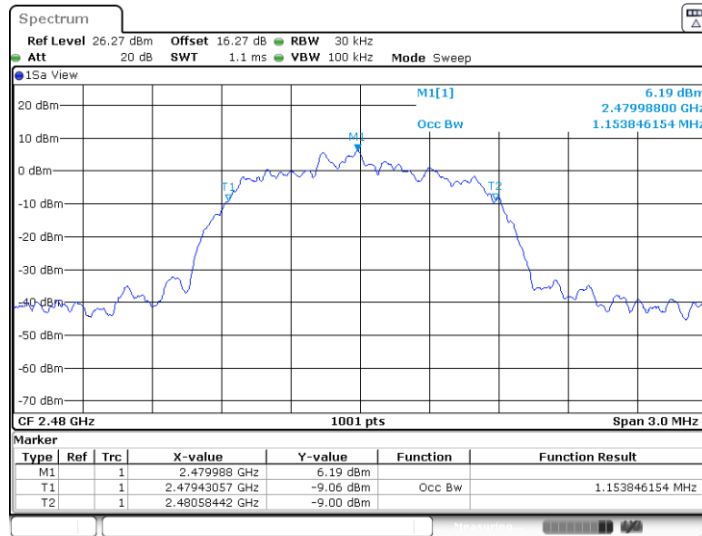
3DH1_Ant7_2441



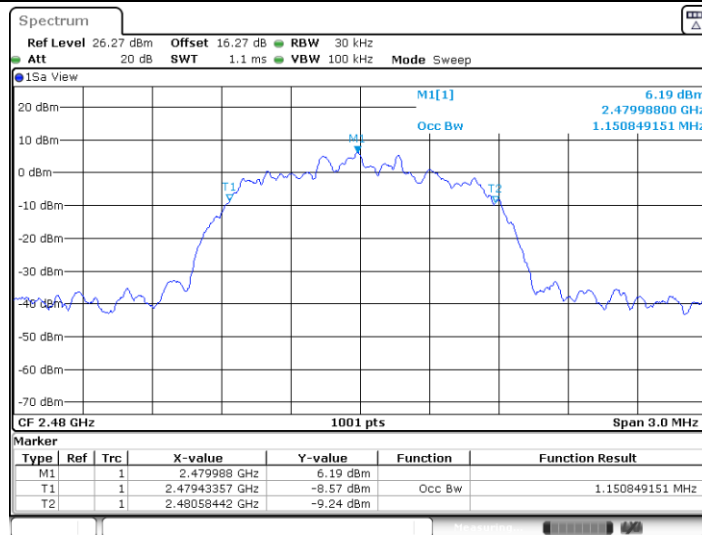
Date: 13.OCT.2025 20:40:01



3DH1_Ant14_2480



3DH1_Ant7_2480





Maximum conducted output power

Test Result Peak

TestMode	CH.	Peak Power (dBm)	Peak Power (dBm)	Peak Power (dBm)	Power Limit (dBm)	Pass/Fail	Power Setting
		Ant 14	Ant 7	Ant 14+7			
DH5	0	12.66	11.13	14.97	20.97	Pass	Default
	39	11.55	11.32	14.45	20.97	Pass	Default
	78	12.55	12.33	15.45	20.97	Pass	Default
2DH1	0	11.52	9.80	13.75	20.97	Pass	Default
	39	10.35	10.57	13.47	20.97	Pass	Default
	78	11.99	11.82	14.92	20.97	Pass	Default
3DH1	0	12.11	10.36	14.33	20.97	Pass	Default
	39	10.95	11.18	14.08	20.97	Pass	Default
	78	12.51	12.42	15.48	20.97	Pass	Default

Test Result Average

TestMode	CH.	Avg Power (dBm)	Avg Power (dBm)	Avg Power (dBm)	Power Setting
		Ant 14	Ant 7	Ant 14+7	
DH5	0	12.59	11.03	14.89	Default
	39	11.39	11.27	14.34	Default
	78	12.41	12.10	15.27	Default
2DH1	0	9.10	7.60	11.42	Default
	39	8.12	8.29	11.22	Default
	78	9.61	9.61	12.62	Default
3DH1	0	9.12	7.59	11.43	Default
	39	8.10	8.34	11.23	Default
	78	9.78	9.64	12.72	Default



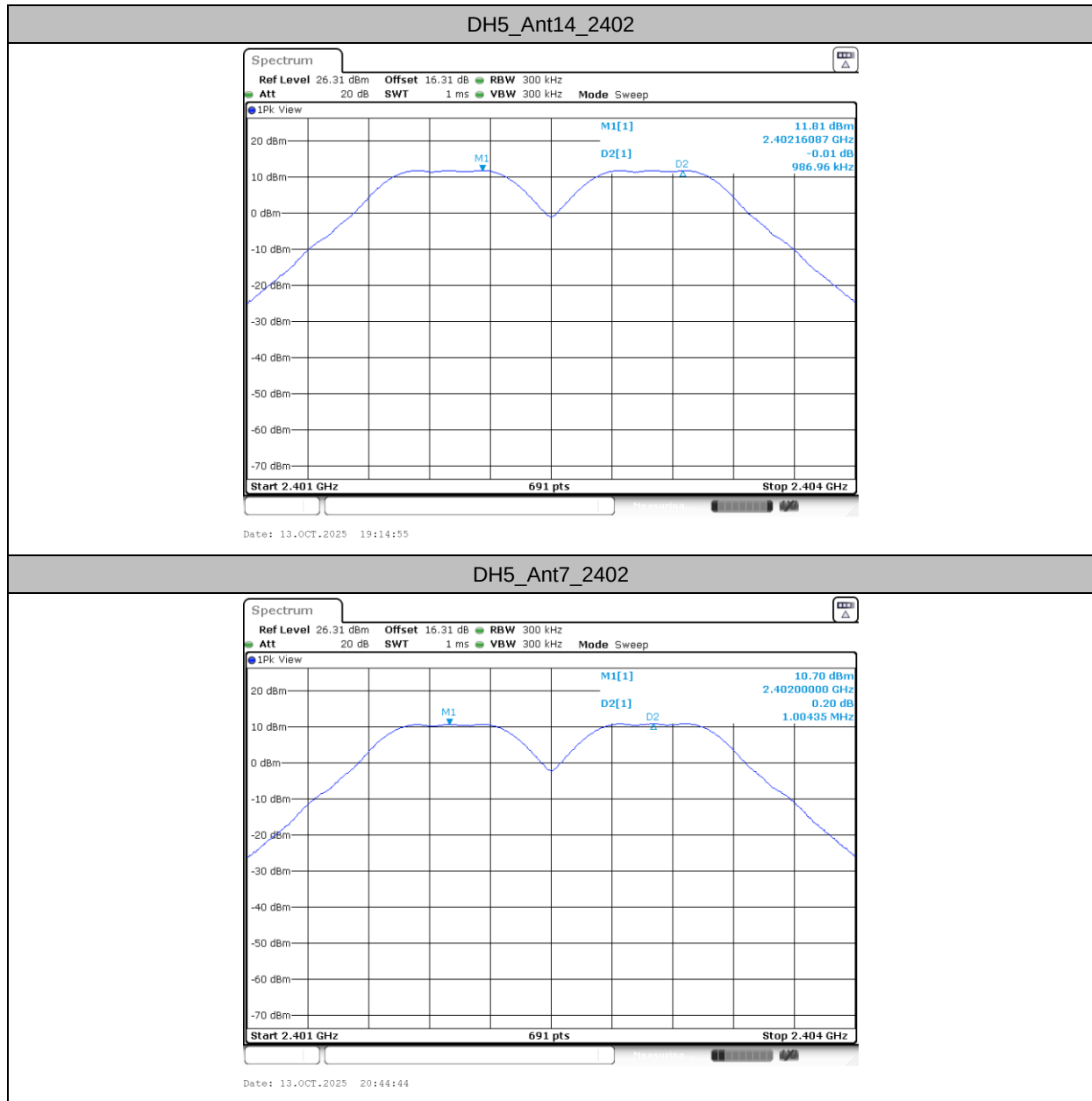
Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant14	2402	0.987	≥ 0.633	PASS
	Ant7	2402	1.004	≥ 0.633	PASS
	Ant14	2441	0.996	≥ 0.633	PASS
	Ant7	2441	0.983	≥ 0.633	PASS
	Ant14	2480	1.004	≥ 0.633	PASS
	Ant7	2480	0.996	≥ 0.633	PASS
2DH1	Ant14	2402	1.009	≥ 0.867	PASS
	Ant7	2402	1	≥ 0.867	PASS
	Ant14	2441	1.13	≥ 0.867	PASS
	Ant7	2441	1.017	≥ 0.867	PASS
	Ant14	2480	0.991	≥ 0.867	PASS
	Ant7	2480	0.987	≥ 0.853	PASS
3DH1	Ant14	2402	1	≥ 0.840	PASS
	Ant7	2402	0.996	≥ 0.840	PASS
	Ant14	2441	1	≥ 0.847	PASS
	Ant7	2441	0.983	≥ 0.840	PASS
	Ant14	2480	0.987	≥ 0.840	PASS
	Ant7	2480	0.991	≥ 0.840	PASS

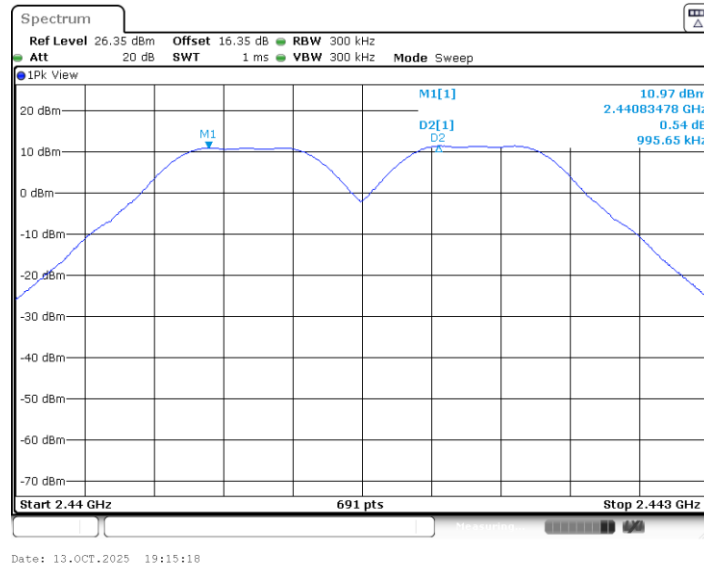


Test Graphs

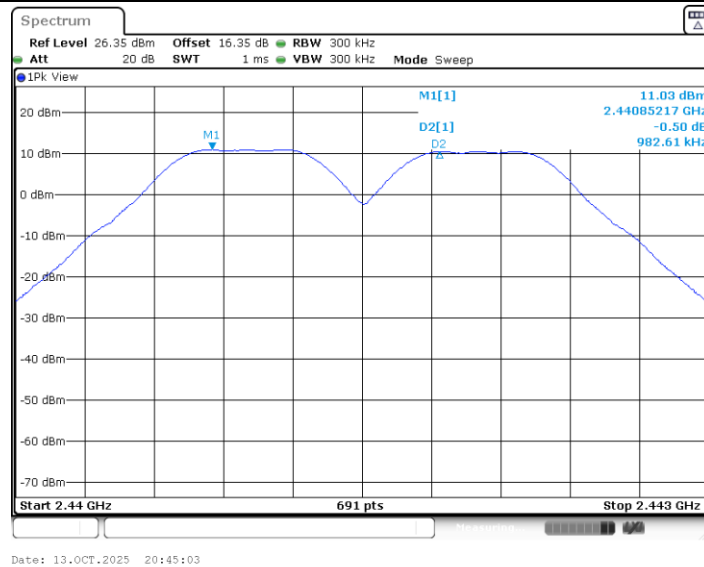




DH5_Ant14_2441

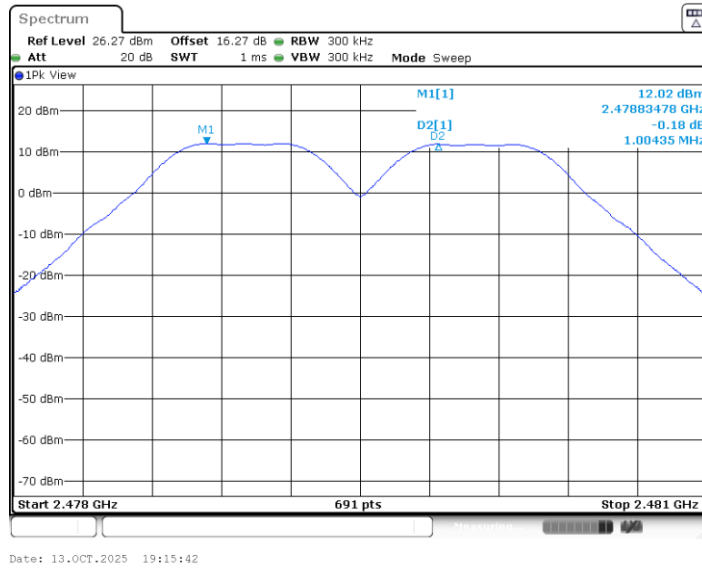


DH5_Ant7_2441

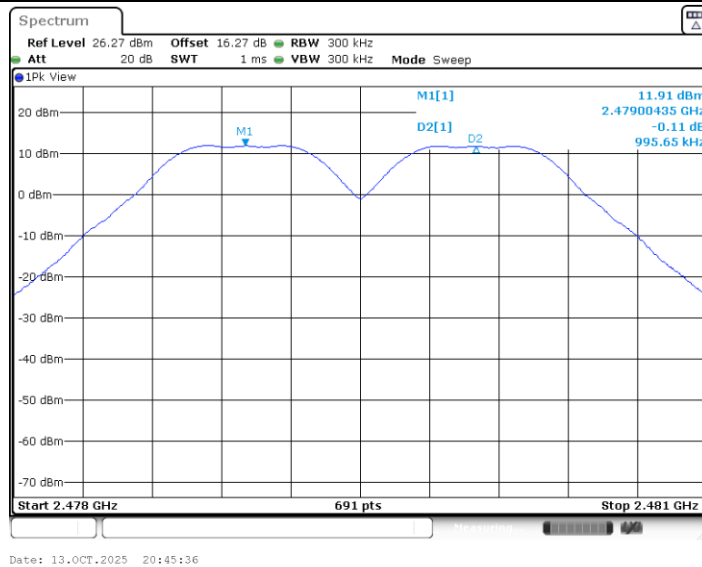




DH5_Ant14_2480

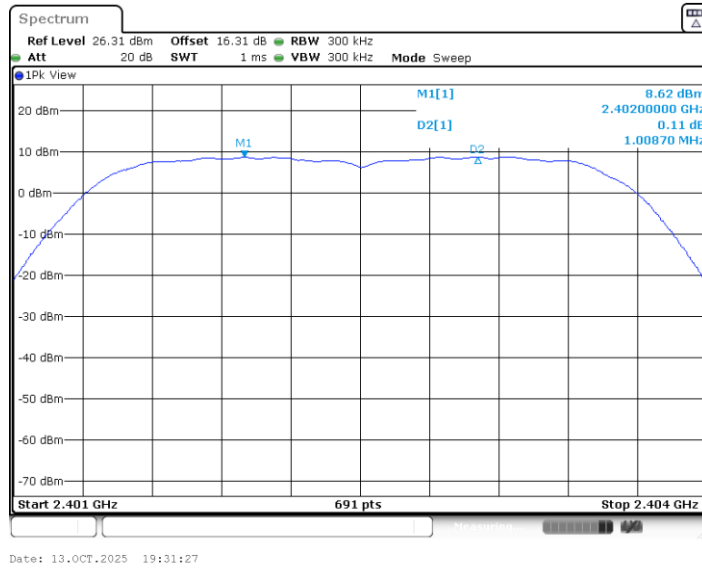


DH5_Ant7_2480

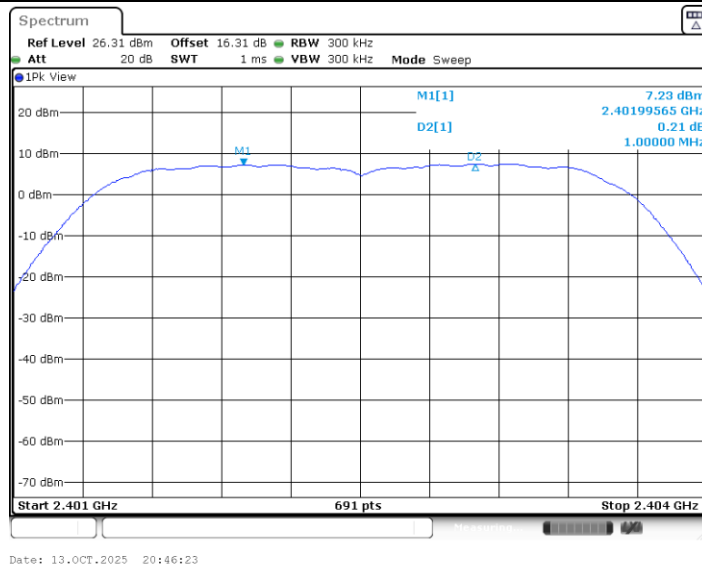




2DH1_Ant14_2402

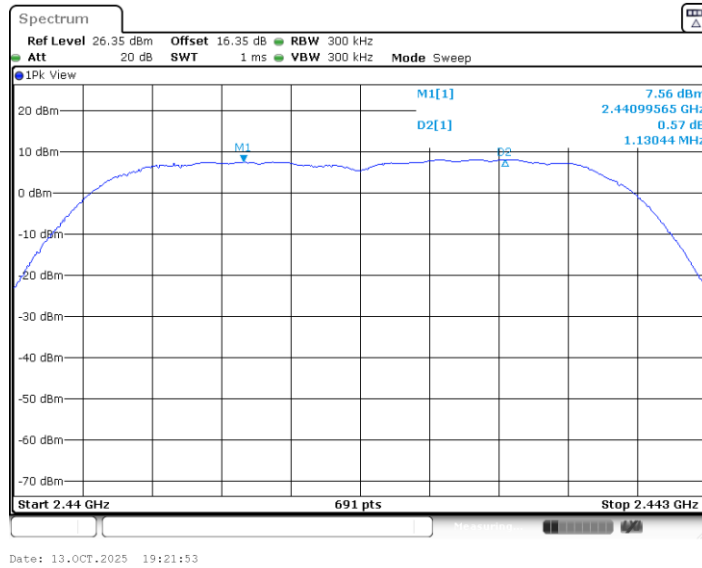


2DH1_Ant7_2402

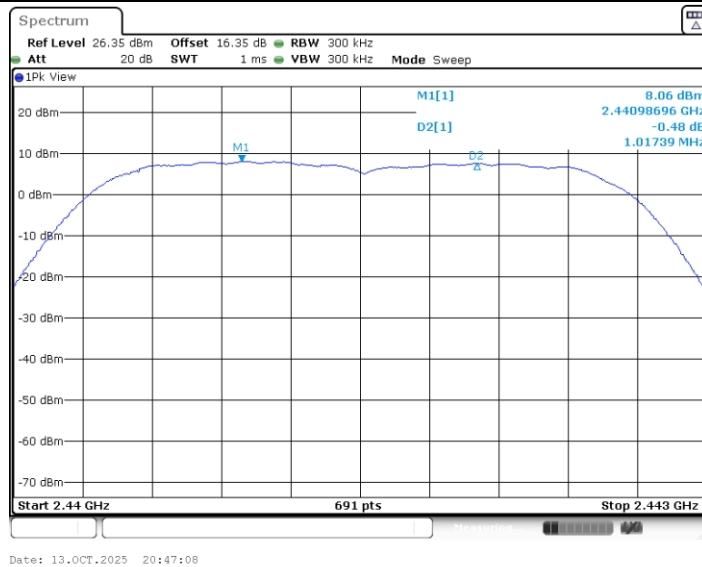




2DH1_Ant14_2441

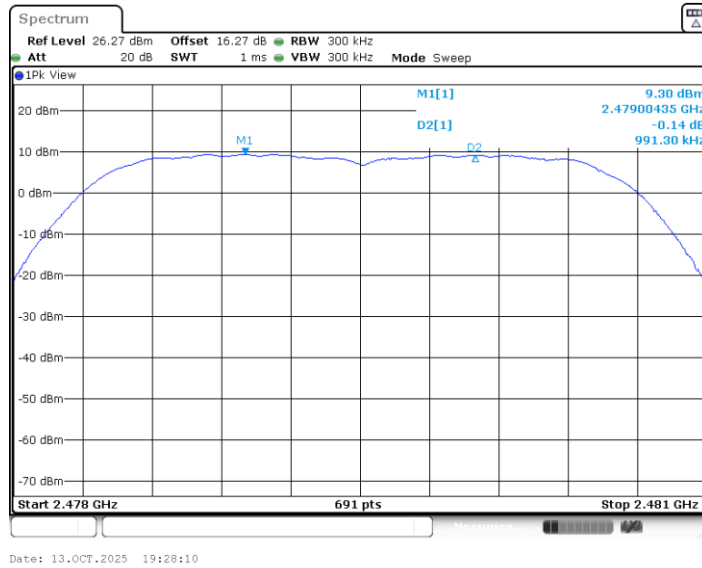


2DH1_Ant7_2441

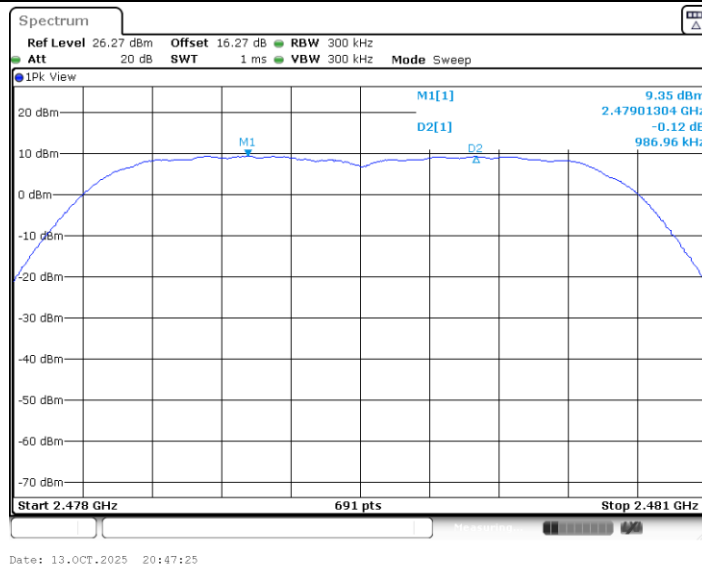




2DH1_Ant14_2480

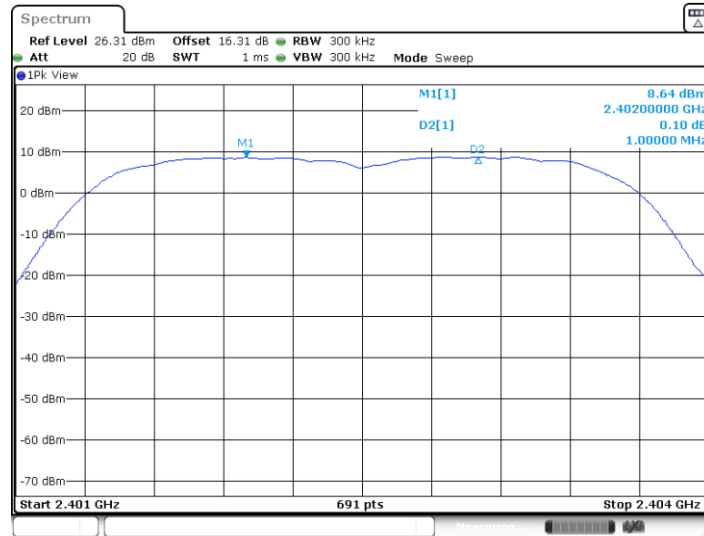


2DH1_Ant7_2480



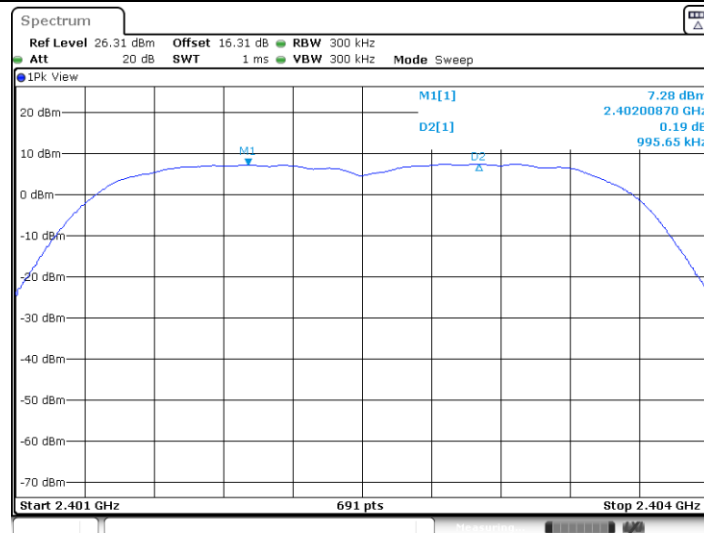


3DH1_Ant14_2402



Date: 13.OCT.2025 19:29:14

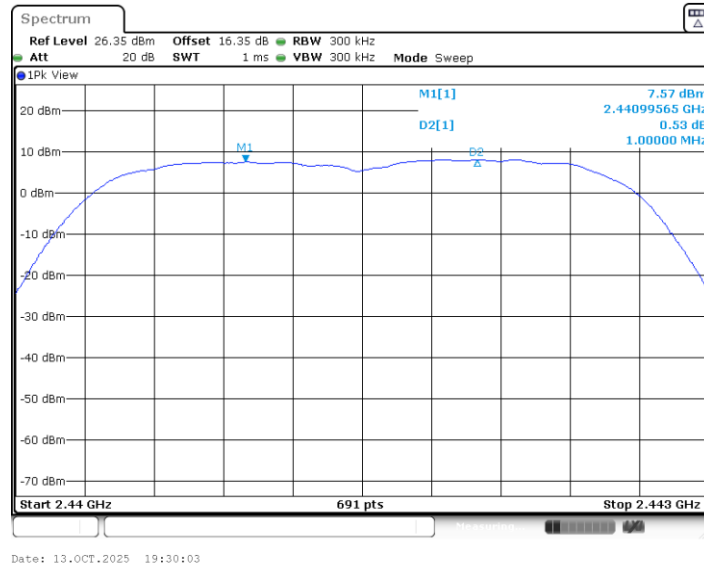
3DH1_Ant7_2402



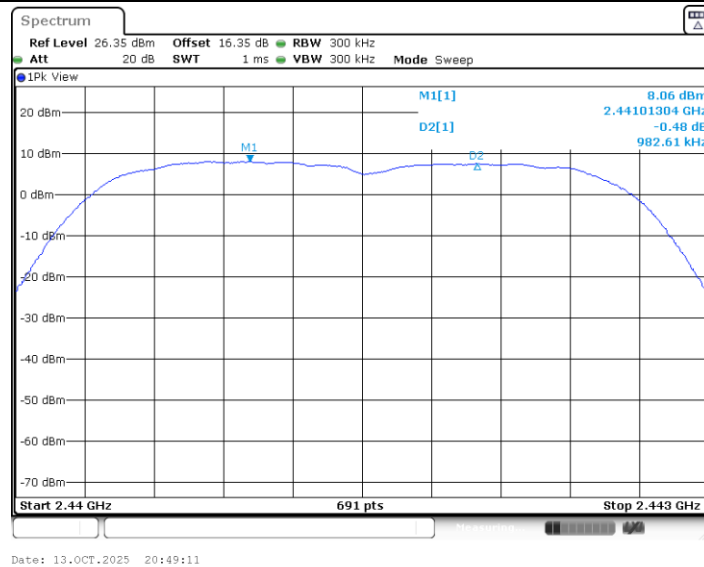
Date: 13.OCT.2025 20:48:57



3DH1_Ant14_2441

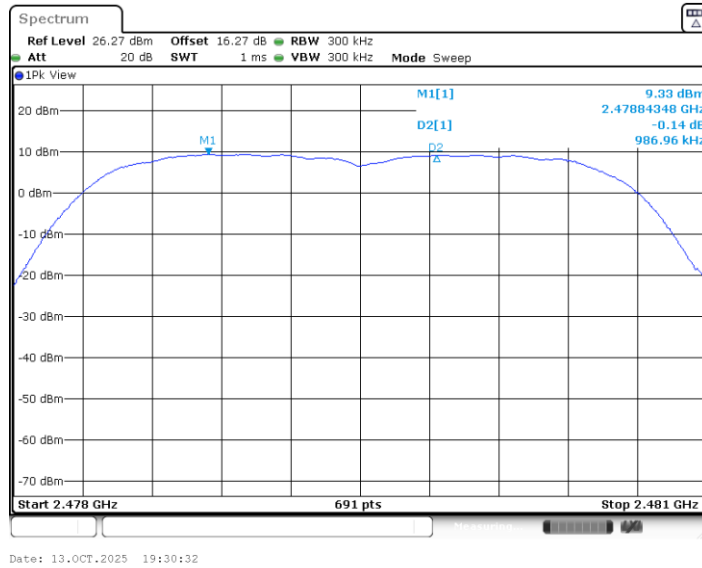


3DH1_Ant7_2441

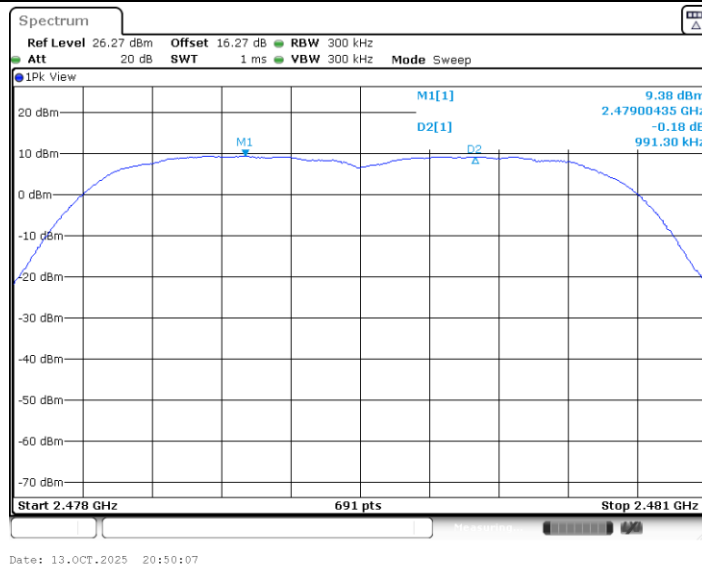




3DH1_Ant14_2480



3DH1_Ant7_2480





Time of occupancy

Test Result

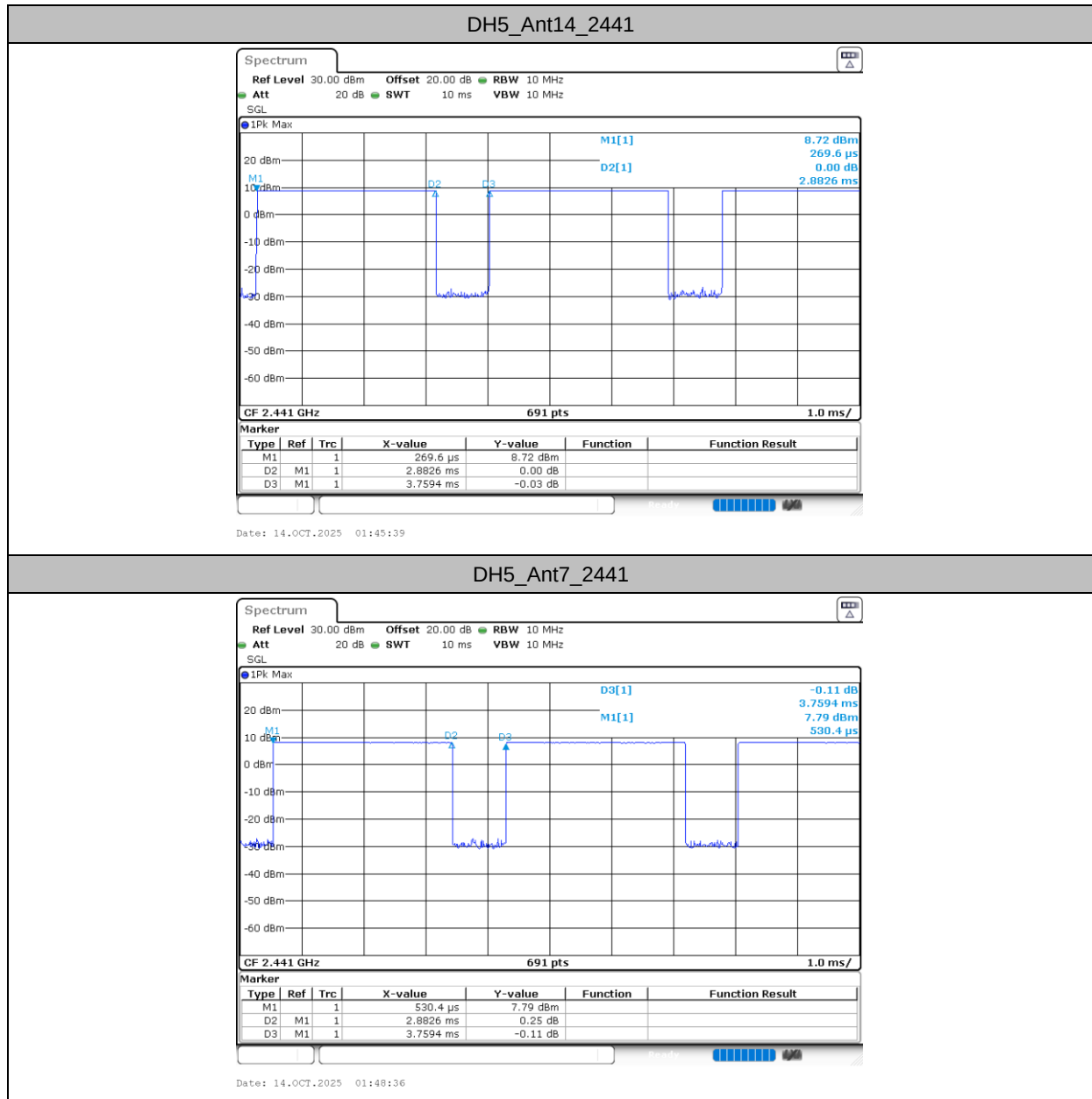
TestMode	Antenna	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Normal	Ant 14	79	106.67	2.8826	0.31	0.4	Pass
AFH	Ant 14	20	53.33	2.8826	0.15	0.4	Pass
Normal	Ant 7	79	106.67	2.8826	0.31	0.4	Pass
AFH	Ant 7	20	53.33	2.8826	0.15	0.4	Pass

Remark:

1. In normal mode, hopping rate is 1600 hops/s with 6 slots (5 Transmit and 1 Receive slot) in 79 hopping channels.
With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s),
Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels.
With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s),
Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time



Test Graphs





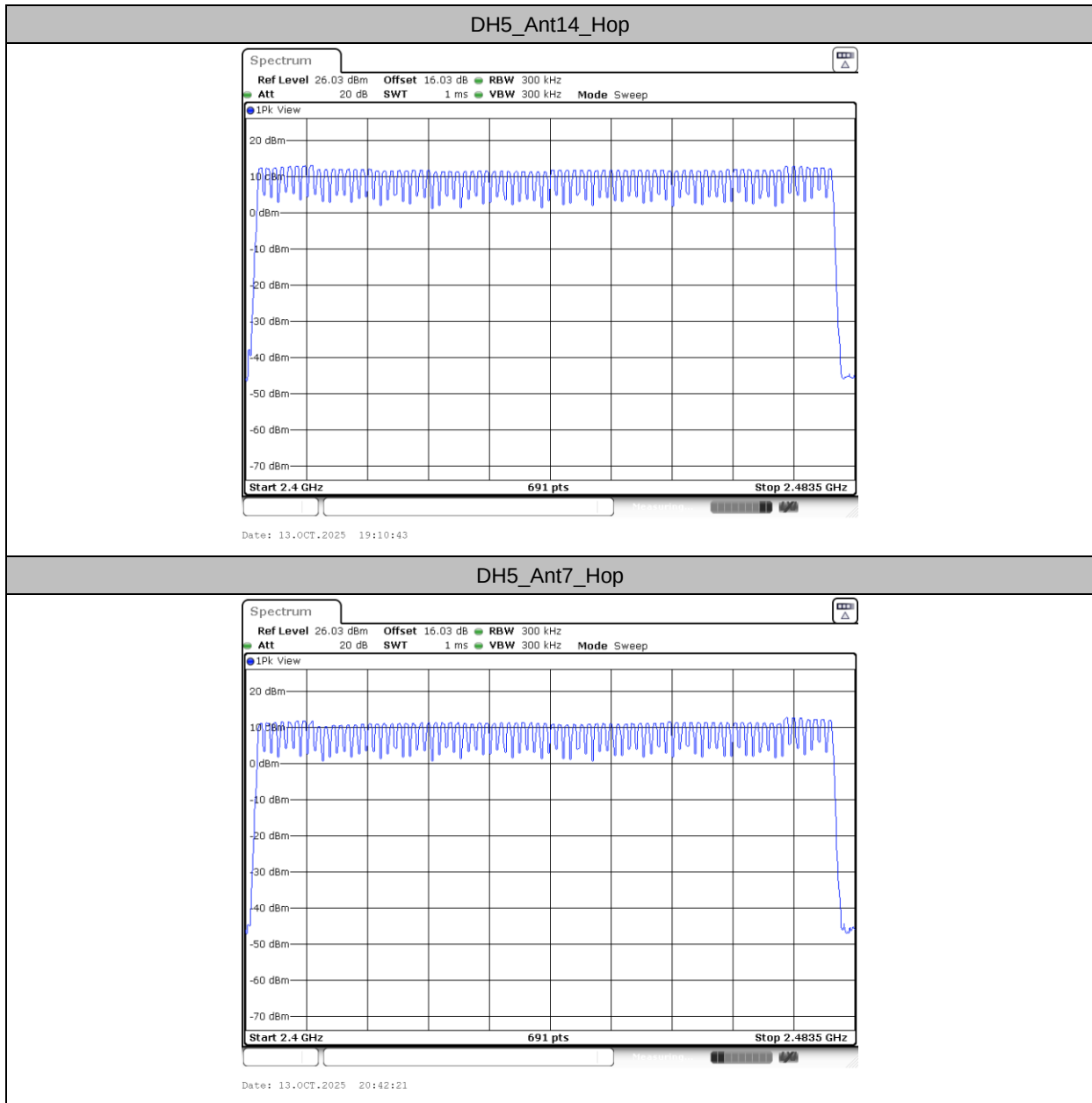
Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant14	Hop	79	≥15	PASS
	Ant7	Hop	79	≥15	PASS



Test Graphs





Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant14	Low	2402	11.82	-49.07	≤ -8.18	PASS
	Ant7	Low	2402	10.63	-49.04	≤ -9.37	PASS
	Ant14	High	2480	11.70	-47.85	≤ -8.3	PASS
	Ant7	High	2480	11.61	-47.34	≤ -8.39	PASS
	Ant14	Low	Hop_2402	11.18	-49.47	≤ -8.82	PASS
	Ant7	Low	Hop_2402	10.26	-49.41	≤ -9.74	PASS
	Ant14	High	Hop_2480	11.92	-48.18	≤ -8.08	PASS
	Ant7	High	Hop_2480	12.16	-48.44	≤ -7.84	PASS
2DH1	Ant14	Low	2402	8.33	-48.43	≤ -11.67	PASS
	Ant7	Low	2402	6.86	-48.21	≤ -13.14	PASS
	Ant14	High	2480	8.88	-48.71	≤ -11.12	PASS
	Ant7	High	2480	8.84	-48.58	≤ -11.16	PASS
	Ant14	Low	Hop_2402	7.76	-49.23	≤ -12.24	PASS
	Ant7	Low	Hop_2402	6.18	-49.9	≤ -13.82	PASS
	Ant14	High	Hop_2480	9.00	-48.18	≤ -11	PASS
	Ant7	High	Hop_2480	9.09	-48.7	≤ -10.91	PASS
3DH1	Ant14	Low	2402	8.46	-48.15	≤ -11.54	PASS
	Ant7	Low	2402	6.98	-47.74	≤ -13.02	PASS
	Ant14	High	2480	8.93	-48.27	≤ -11.07	PASS
	Ant7	High	2480	8.91	-48.36	≤ -11.09	PASS
	Ant14	Low	Hop_2402	7.87	-49.5	≤ -12.13	PASS
	Ant7	Low	Hop_2402	7.26	-49.27	≤ -12.74	PASS
	Ant14	High	Hop_2480	9.08	-48.19	≤ -10.92	PASS
	Ant7	High	Hop_2480	9.56	-47.97	≤ -10.44	PASS



Test Graphs

