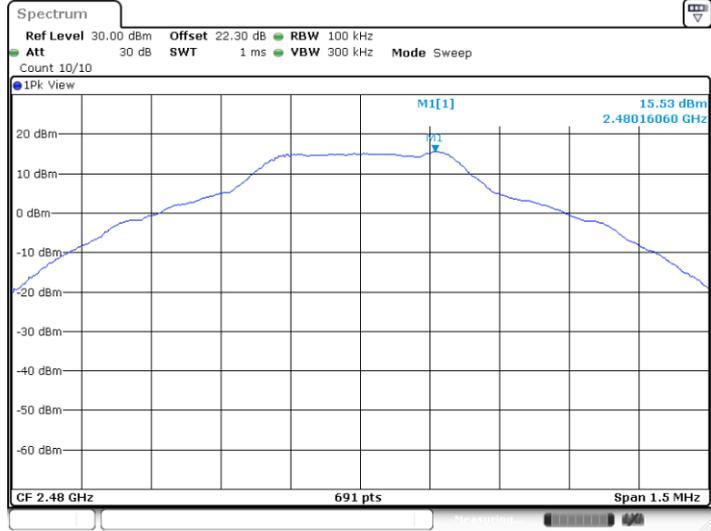


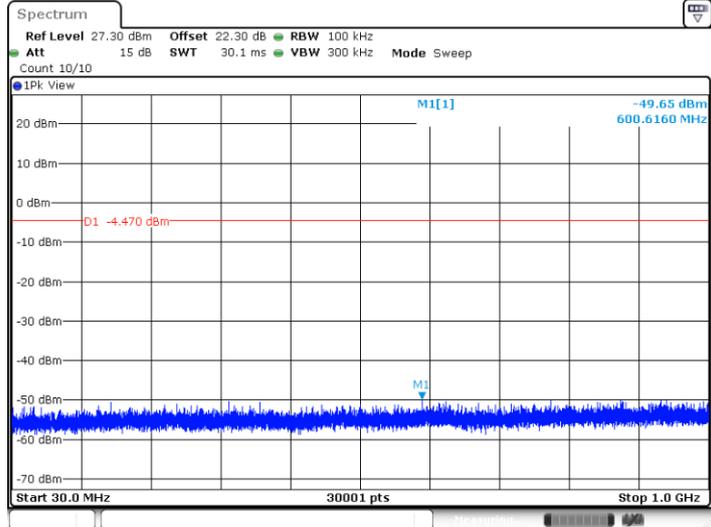


DH5_Ant16_2480_0~Reference

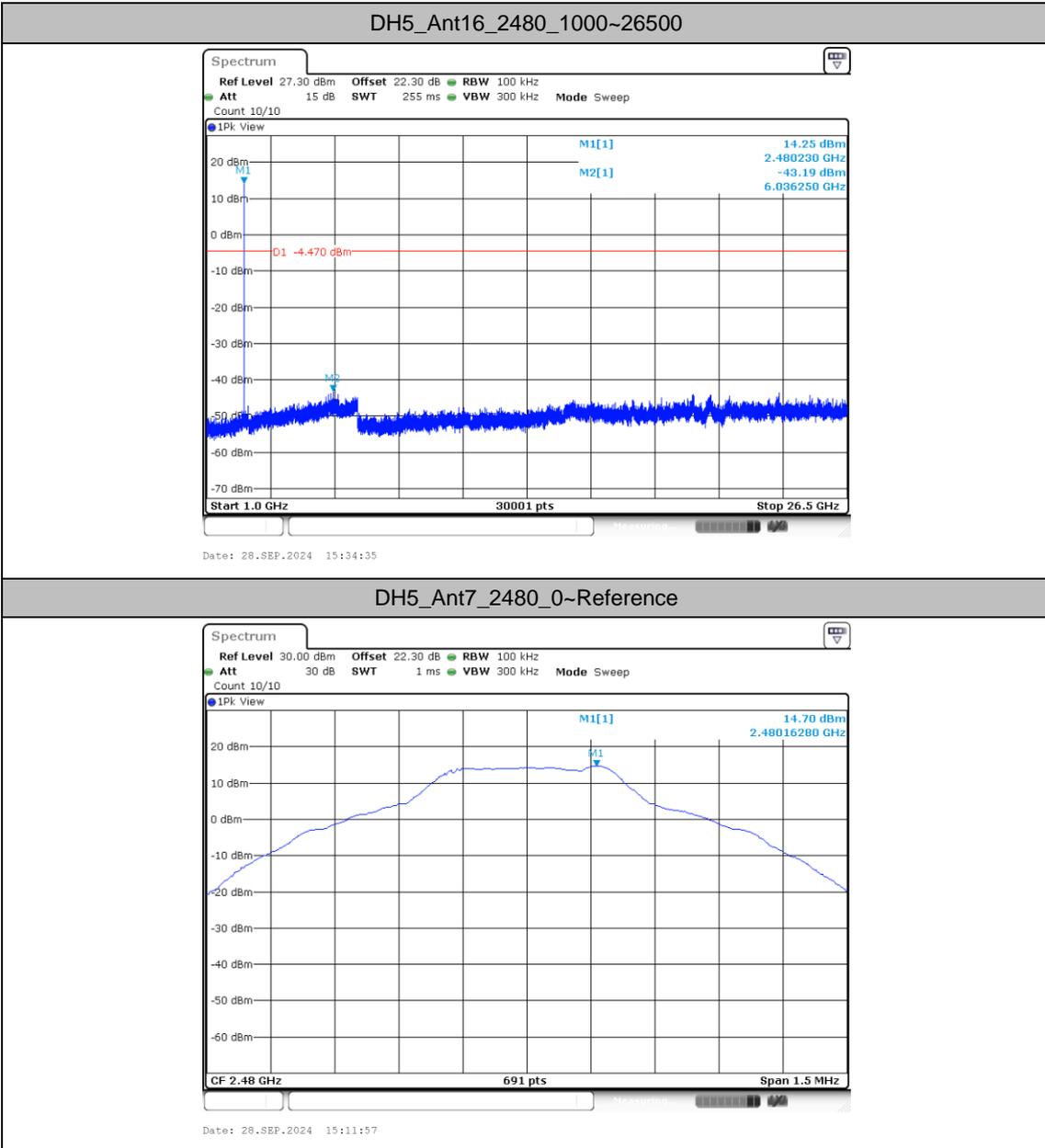


Date: 28.SEP.2024 15:34:14

DH5_Ant16_2480_30~1000

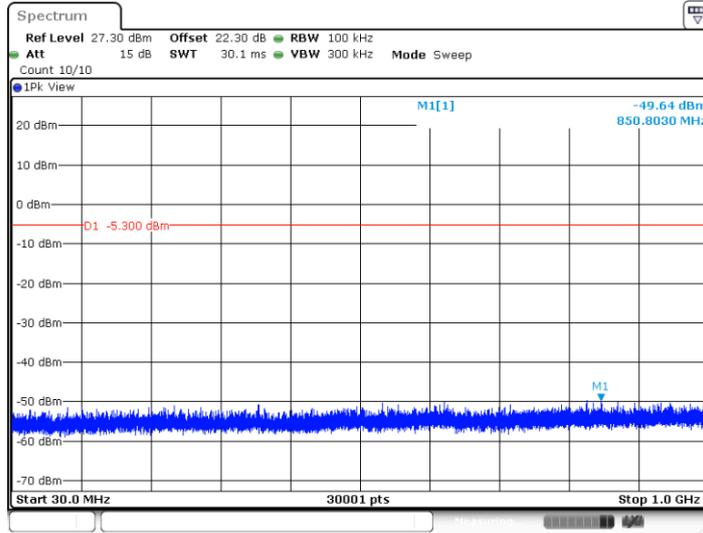


Date: 28.SEP.2024 15:34:19



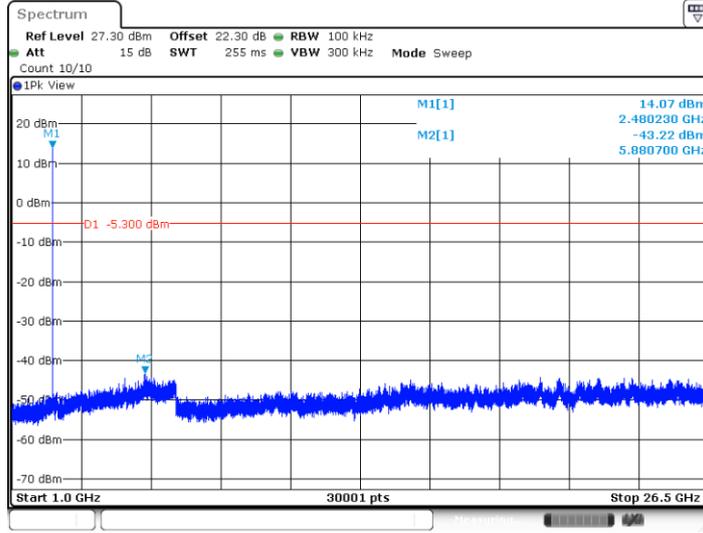


DH5_Ant7_2480_30~1000

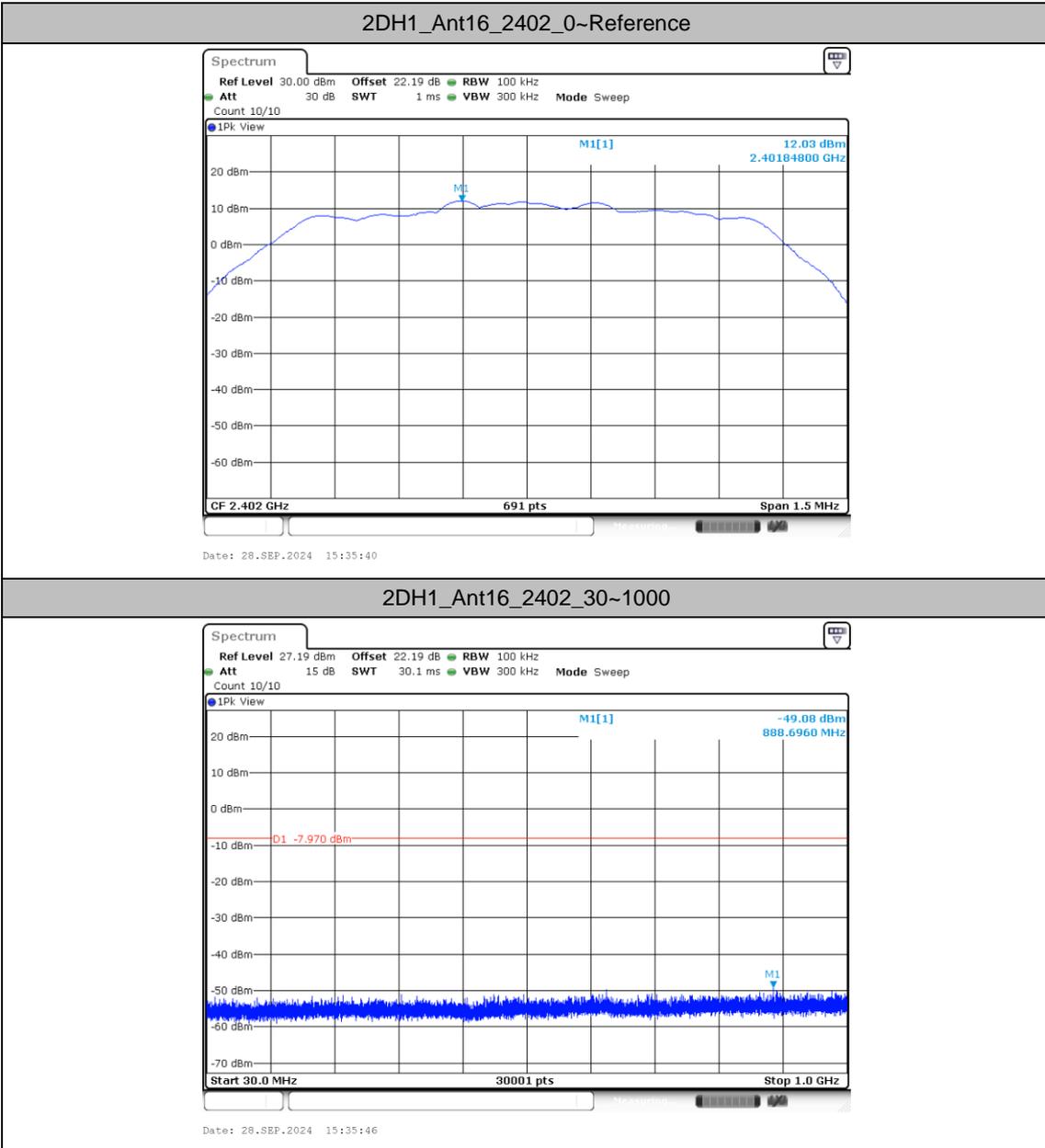


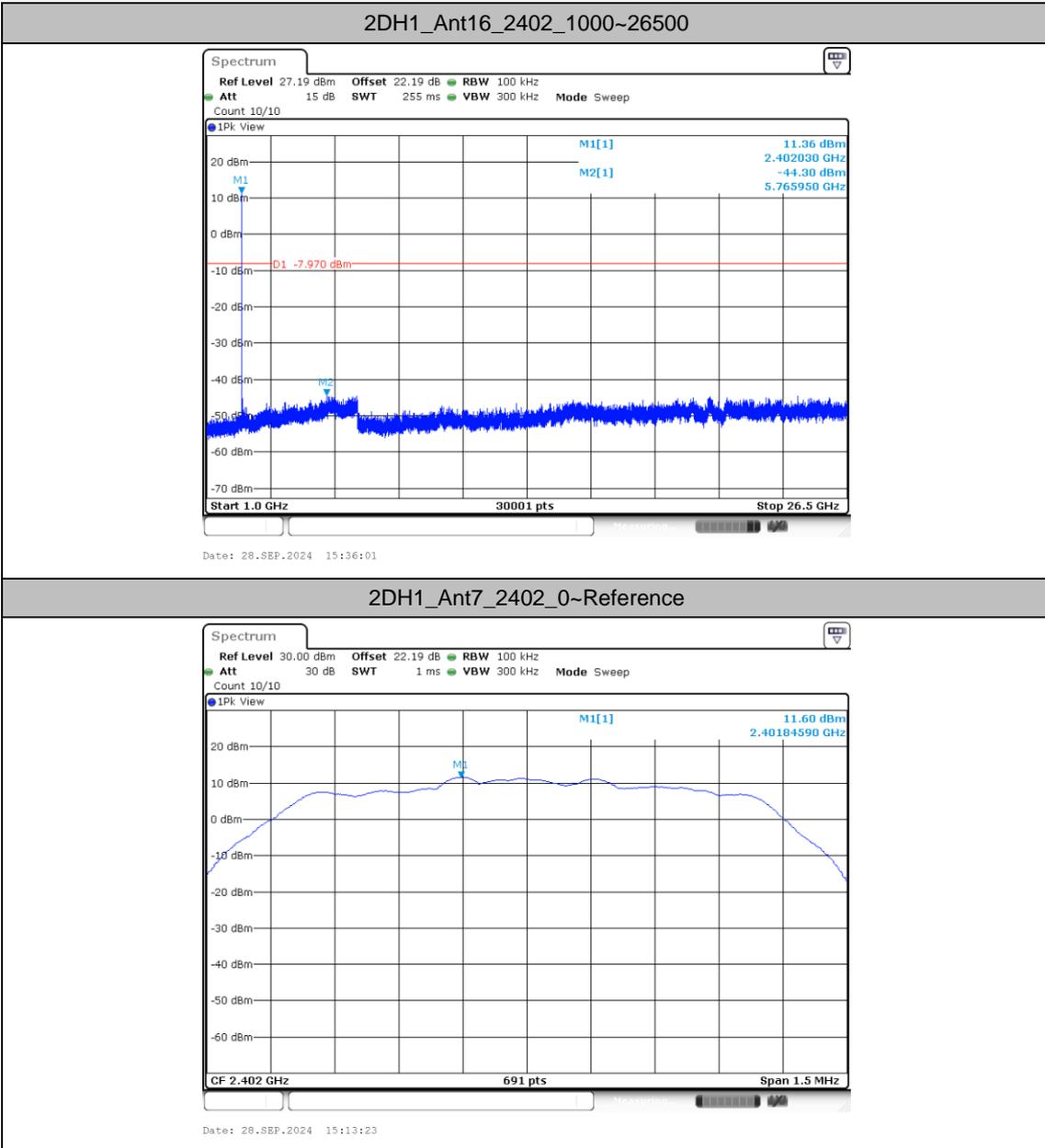
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DH5_Ant7_2480_1000~26500



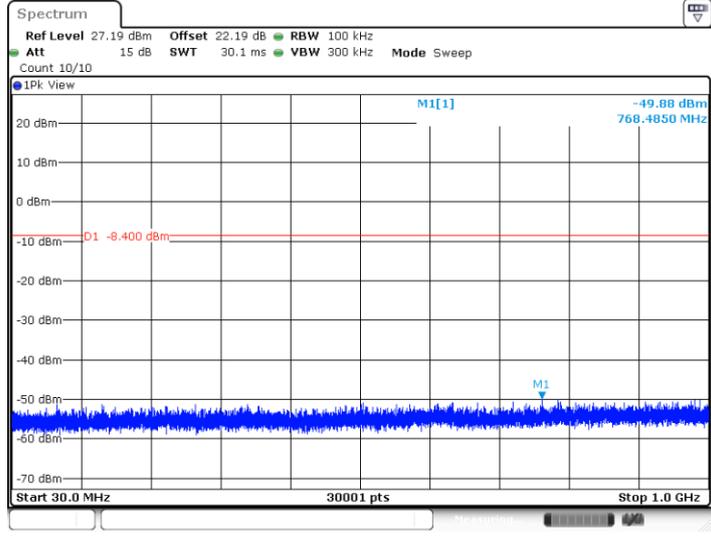
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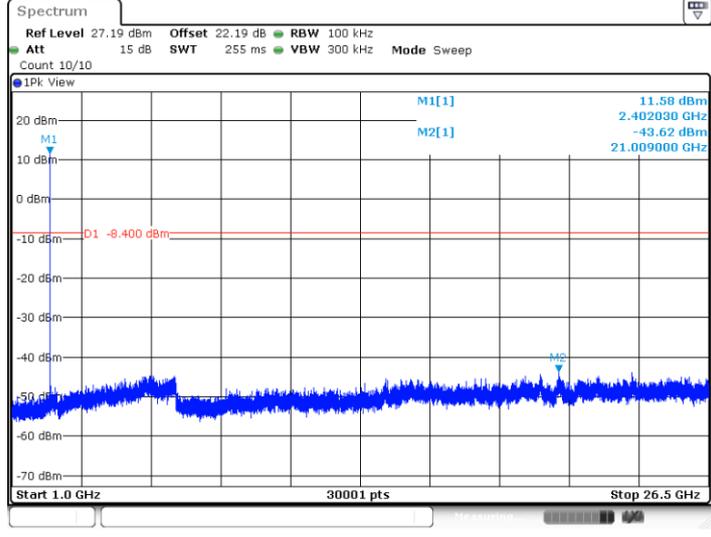


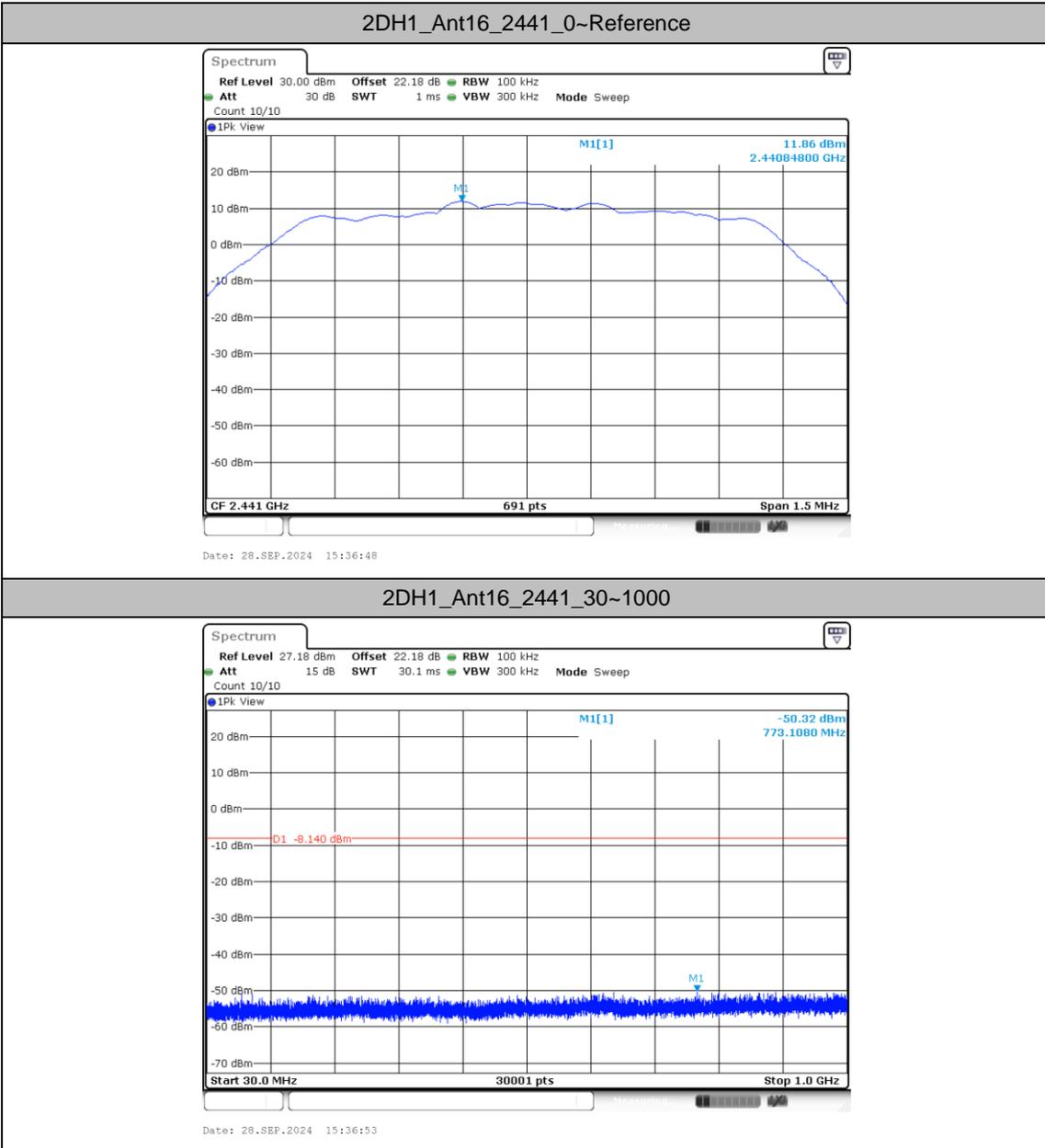


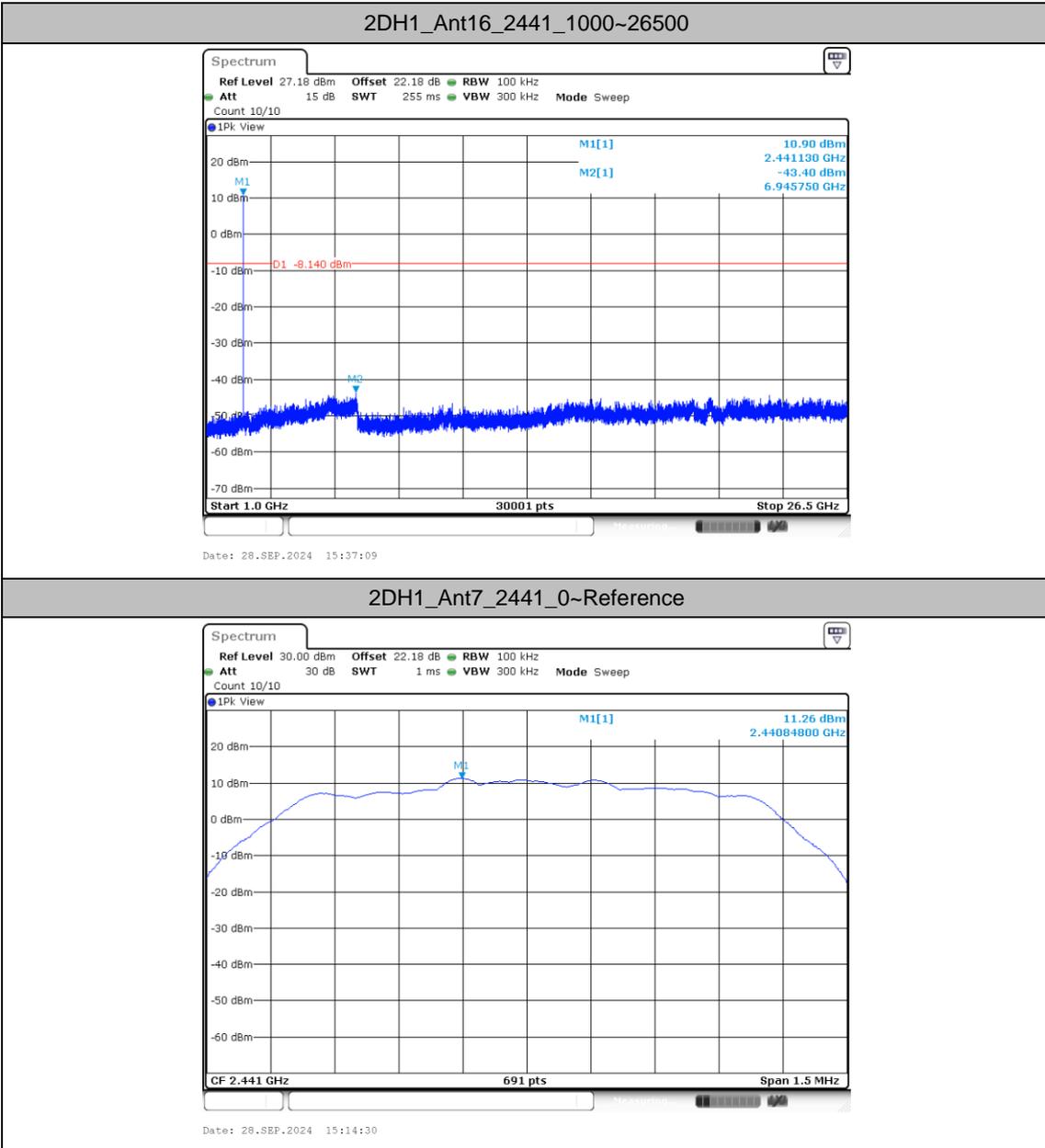
2DH1_Ant7_2402_30~1000



2DH1_Ant7_2402_1000~26500

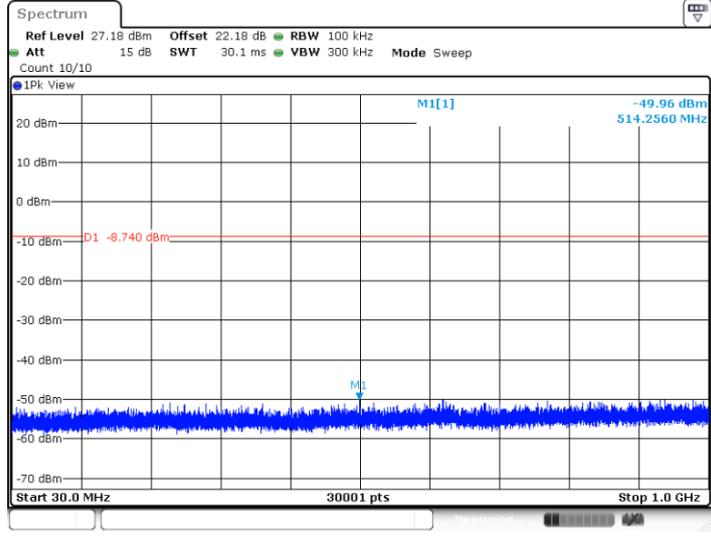




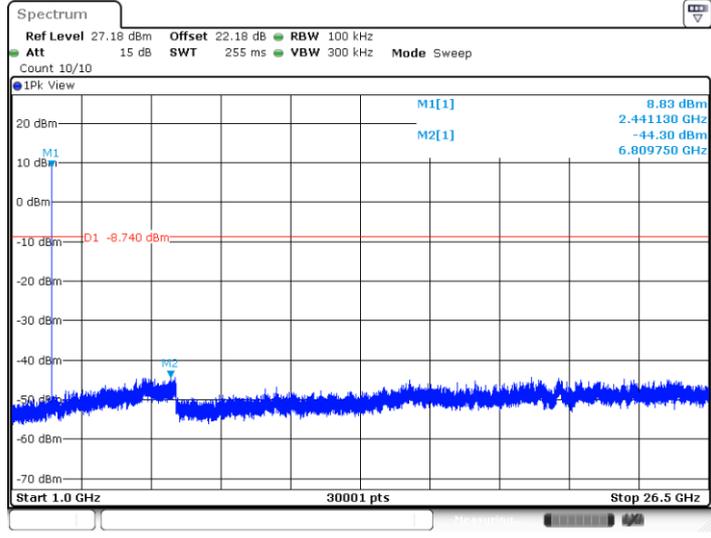


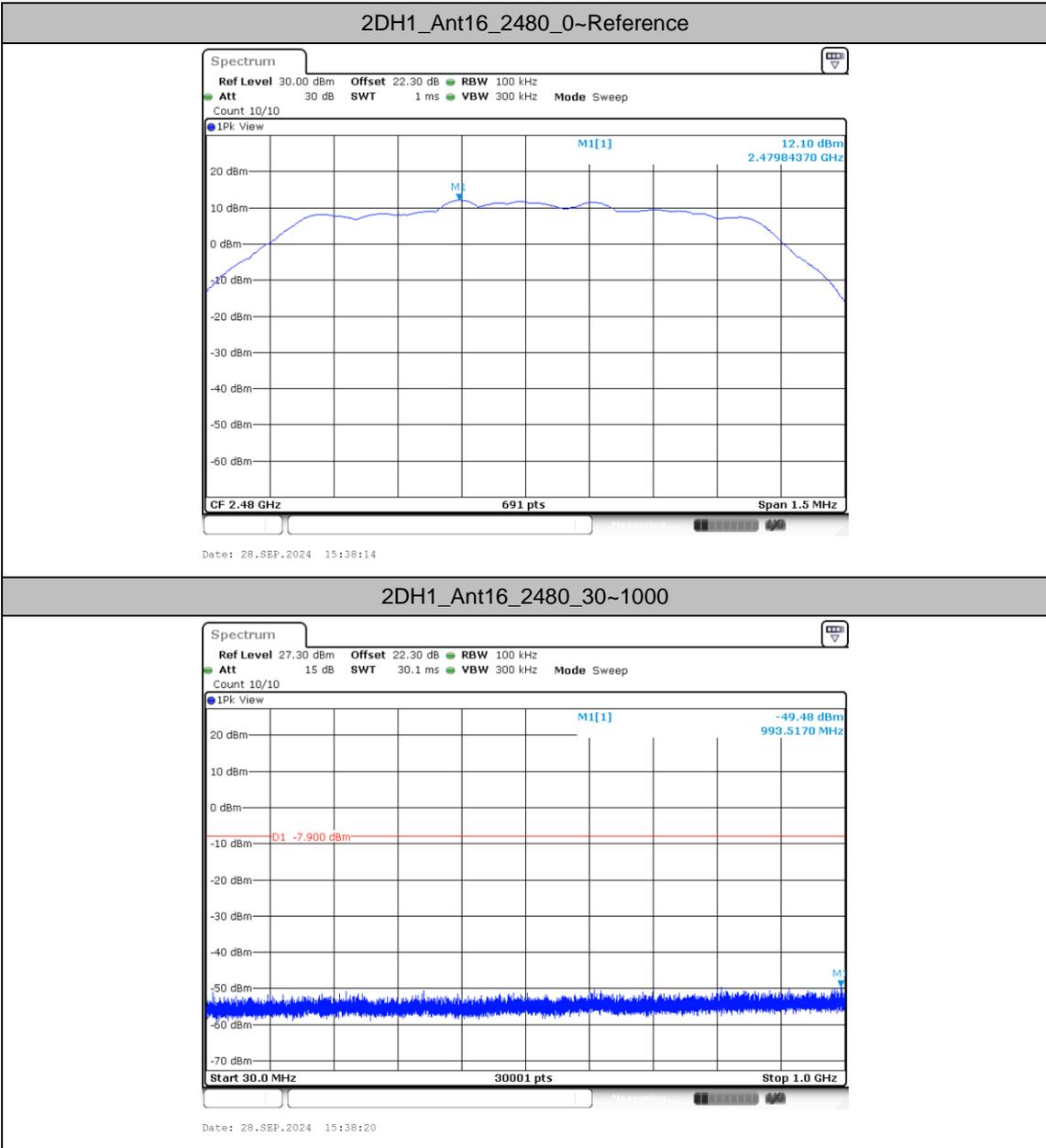


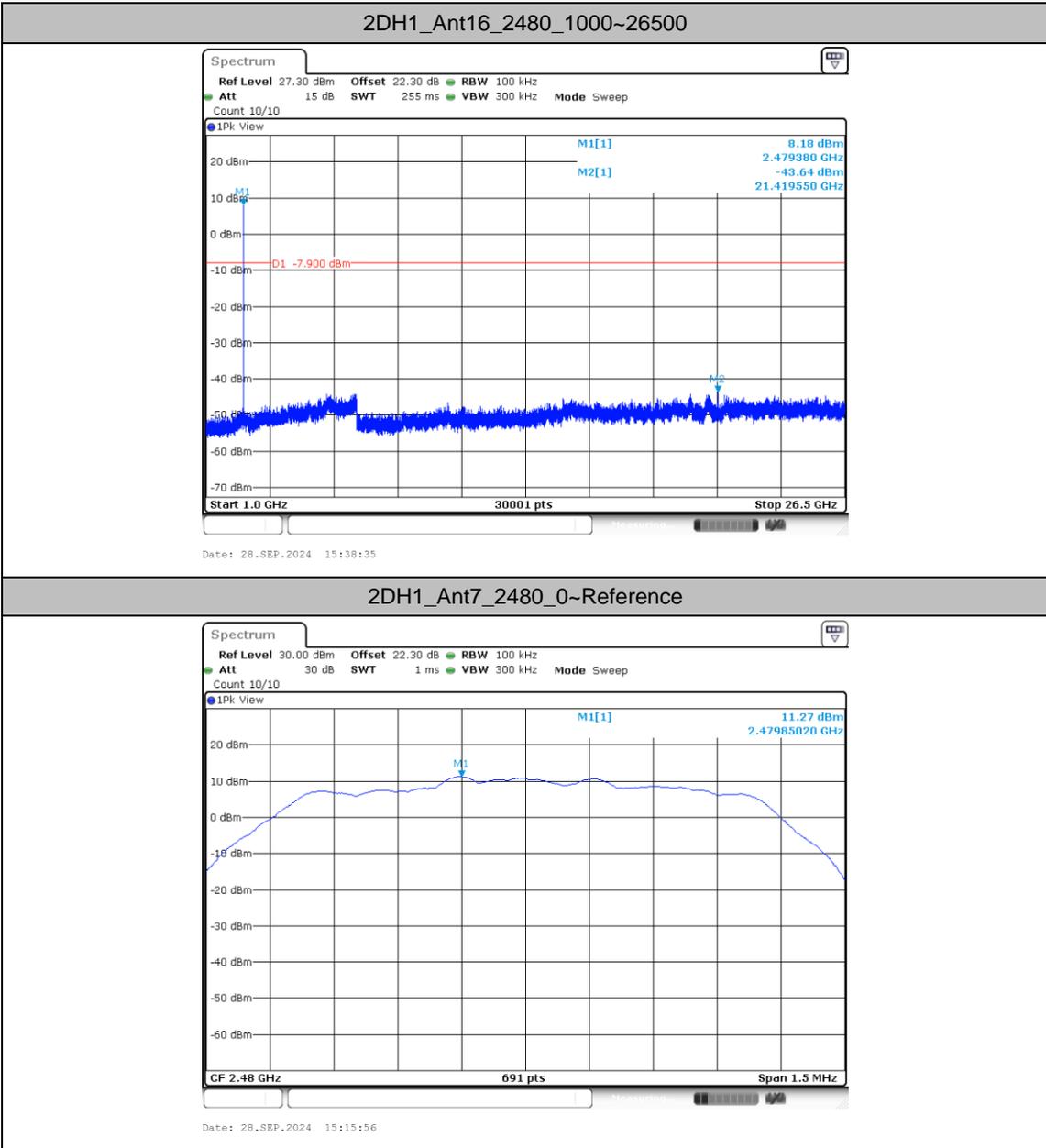
2DH1_Ant7_2441_30~1000



2DH1_Ant7_2441_1000~26500

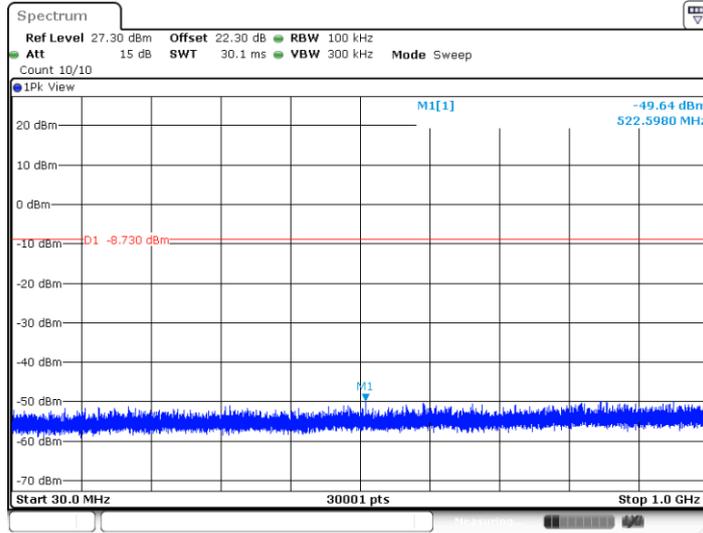






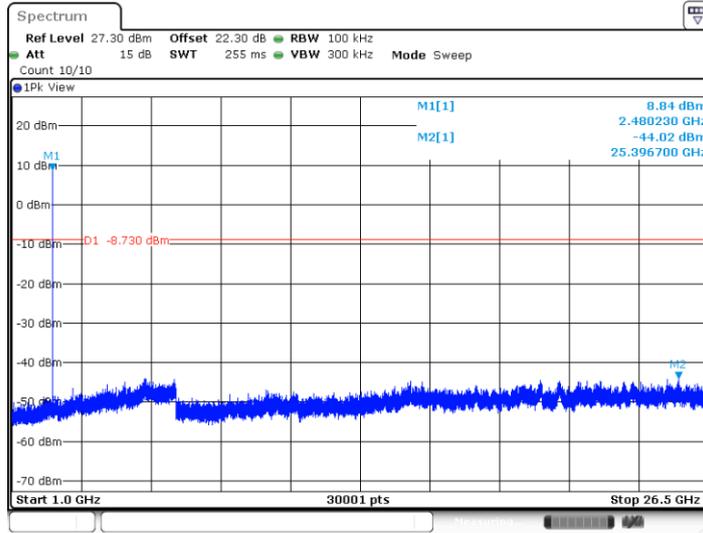


2DH1_Ant7_2480_30~1000

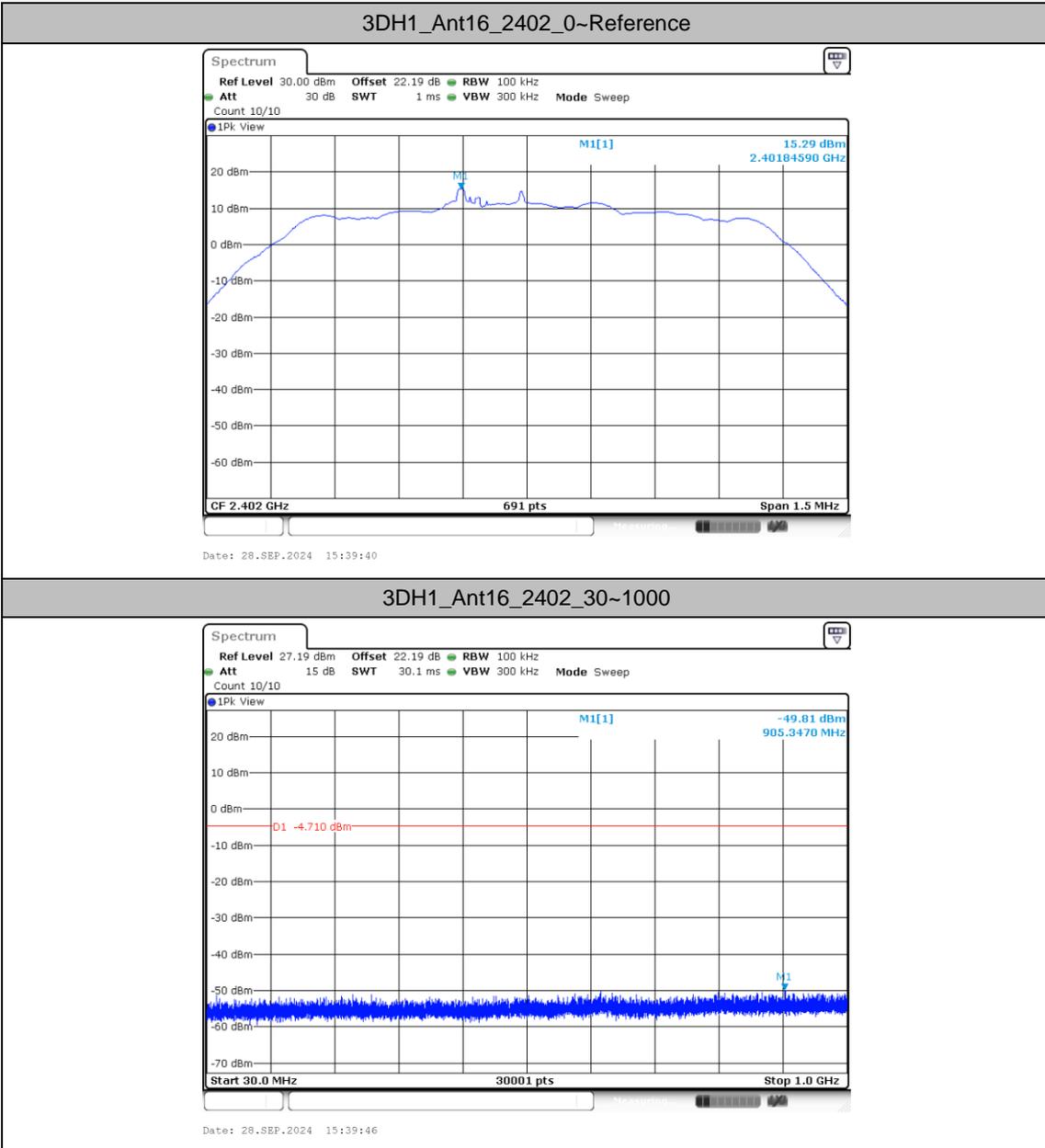


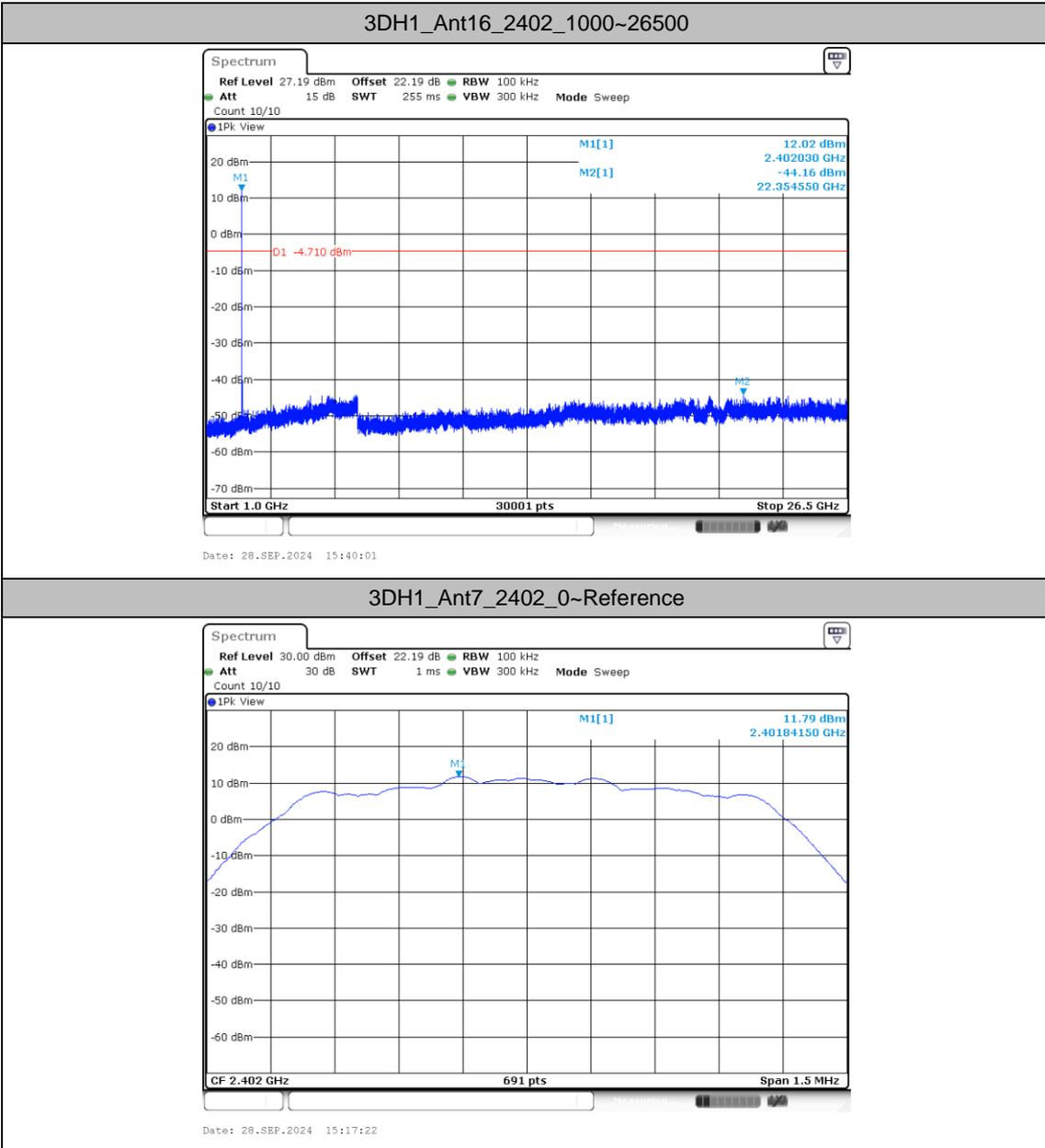
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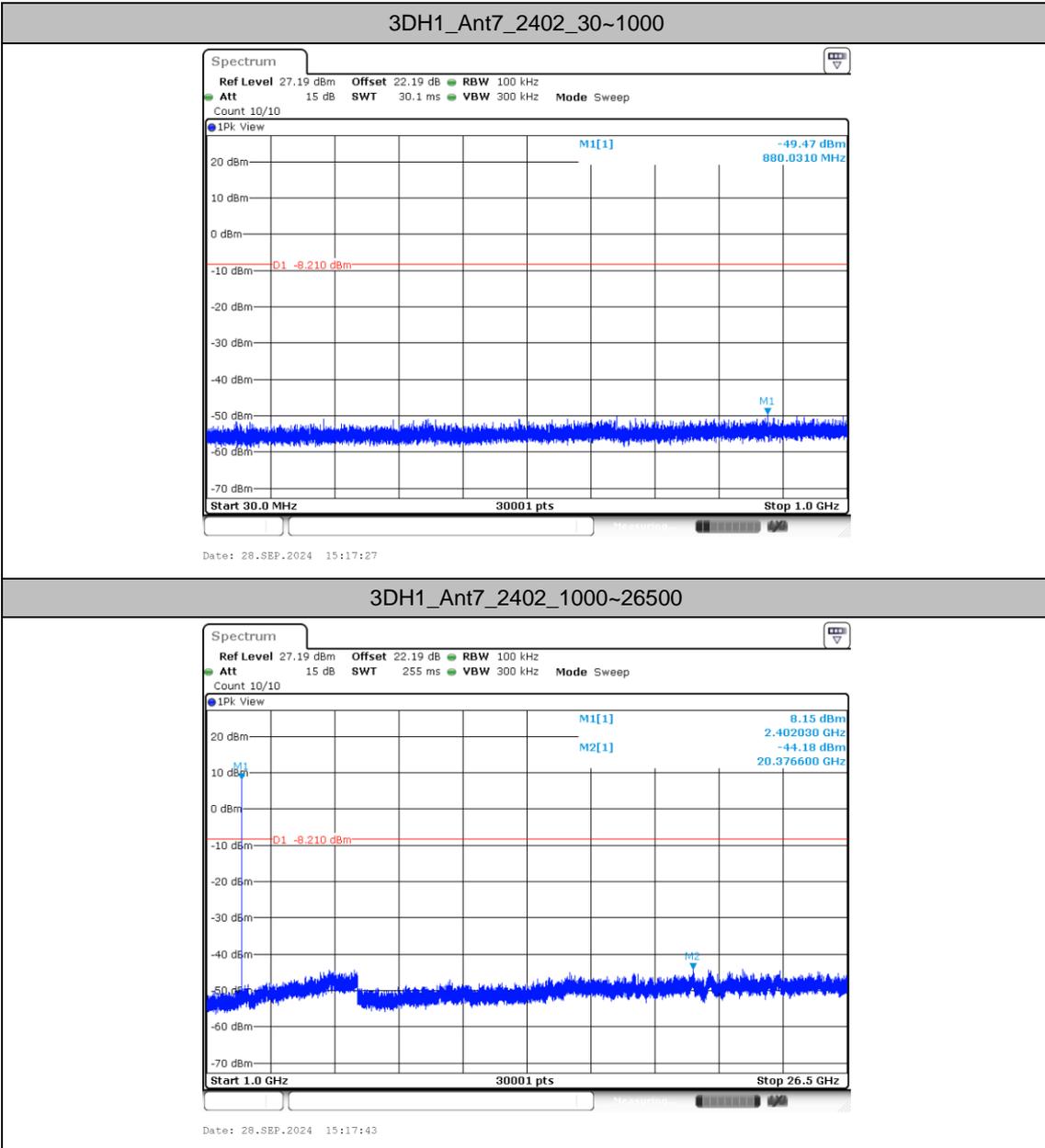
2DH1_Ant7_2480_1000~26500

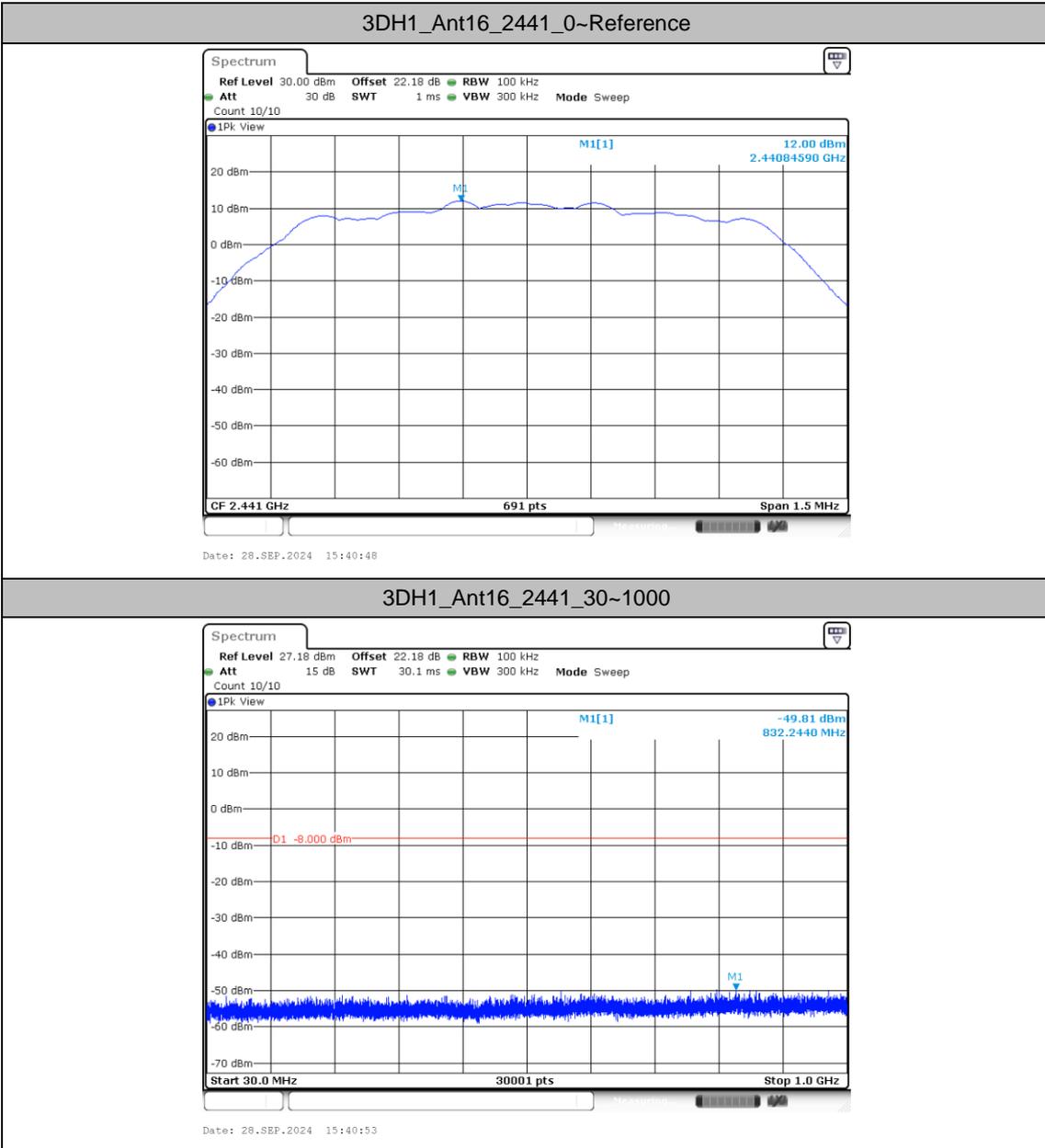


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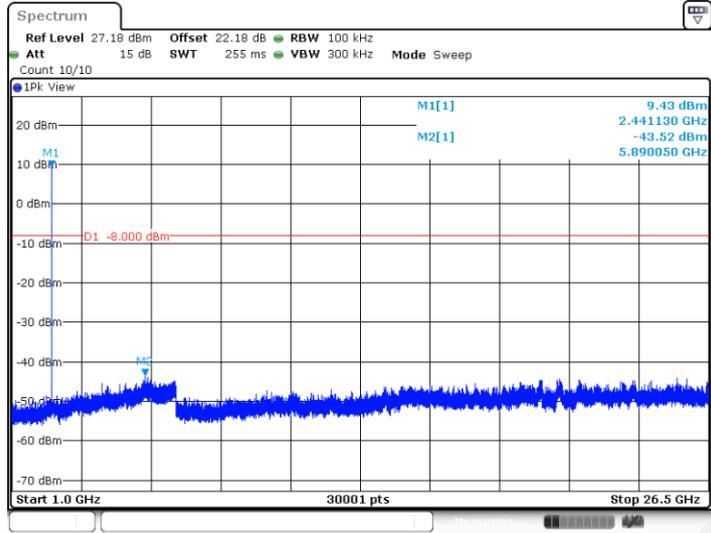






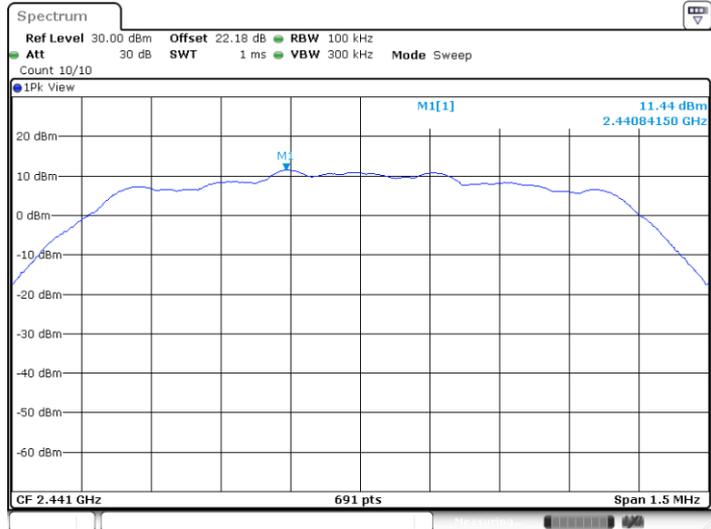


3DH1_Ant16_2441_1000~26500

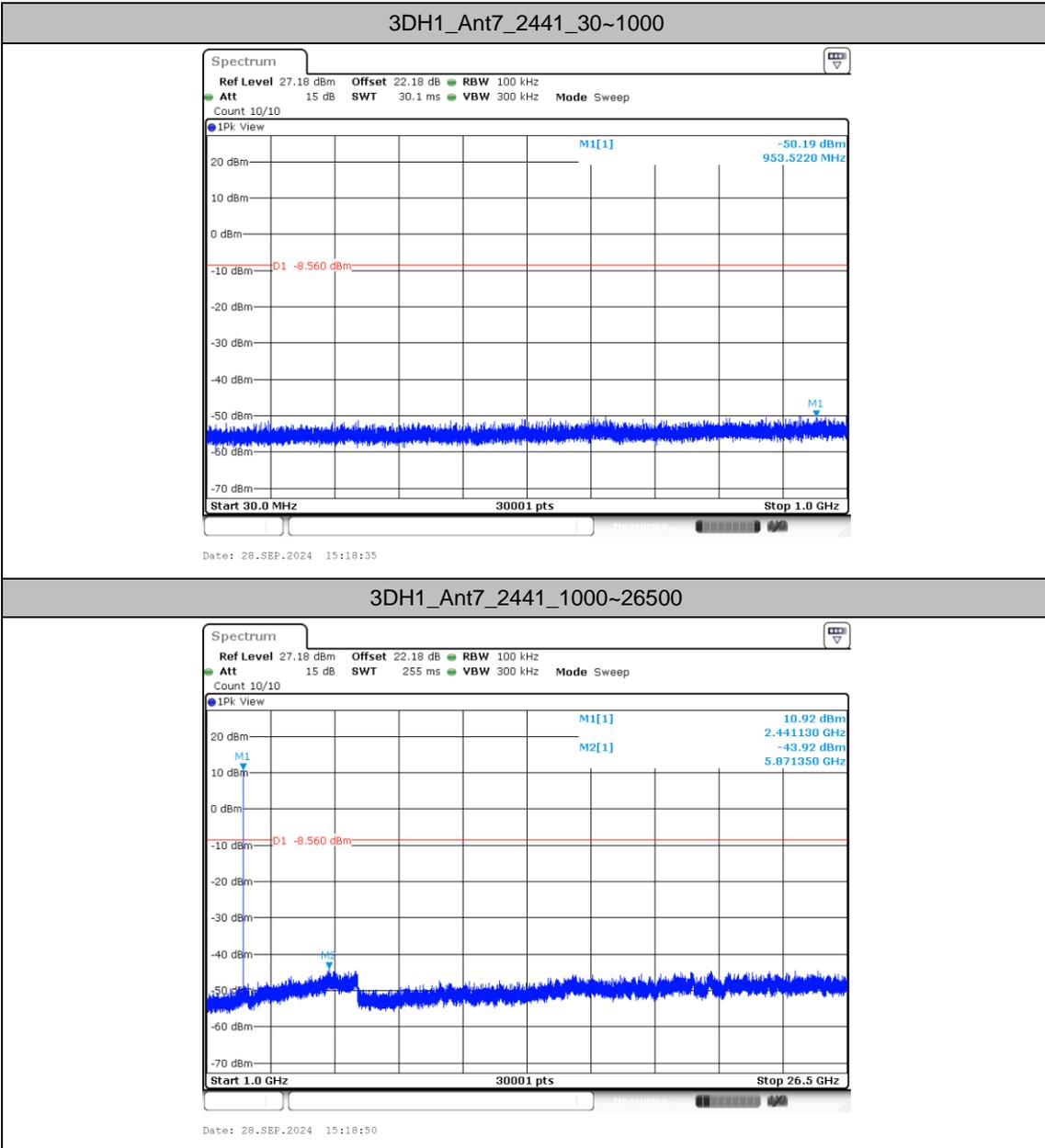


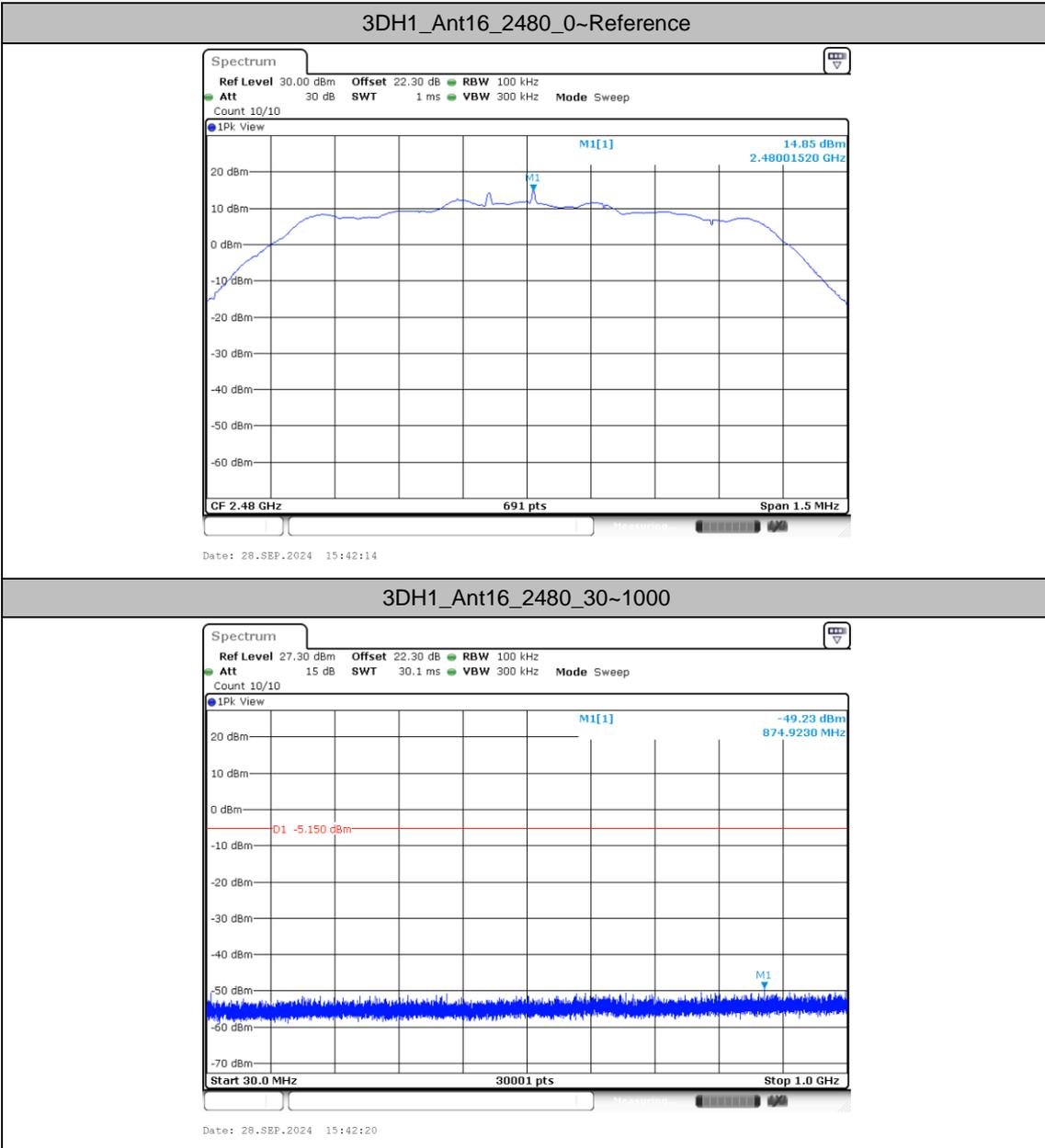
Date: 28.SEP.2024 15:41:09

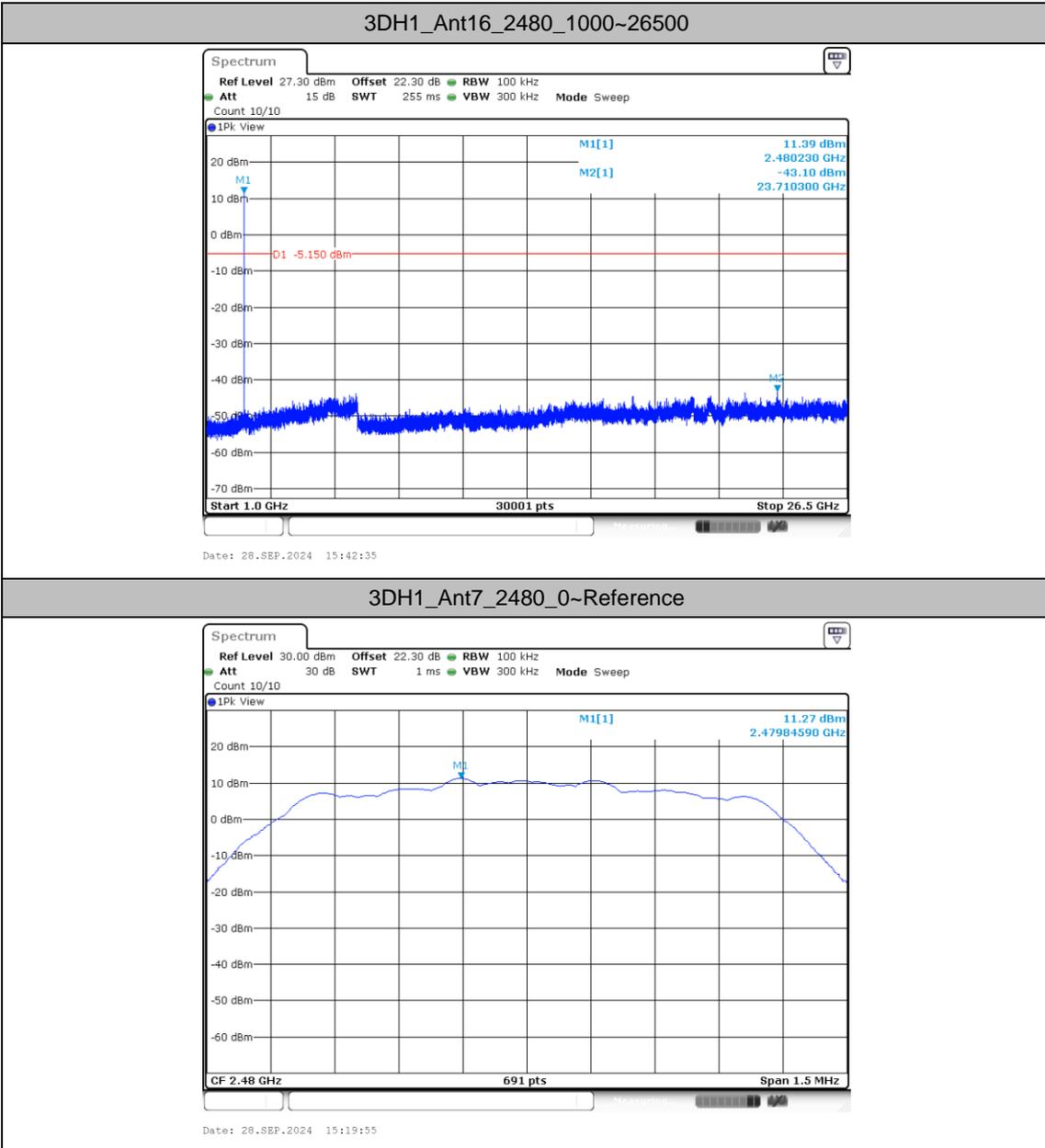
3DH1_Ant7_2441_0~Reference

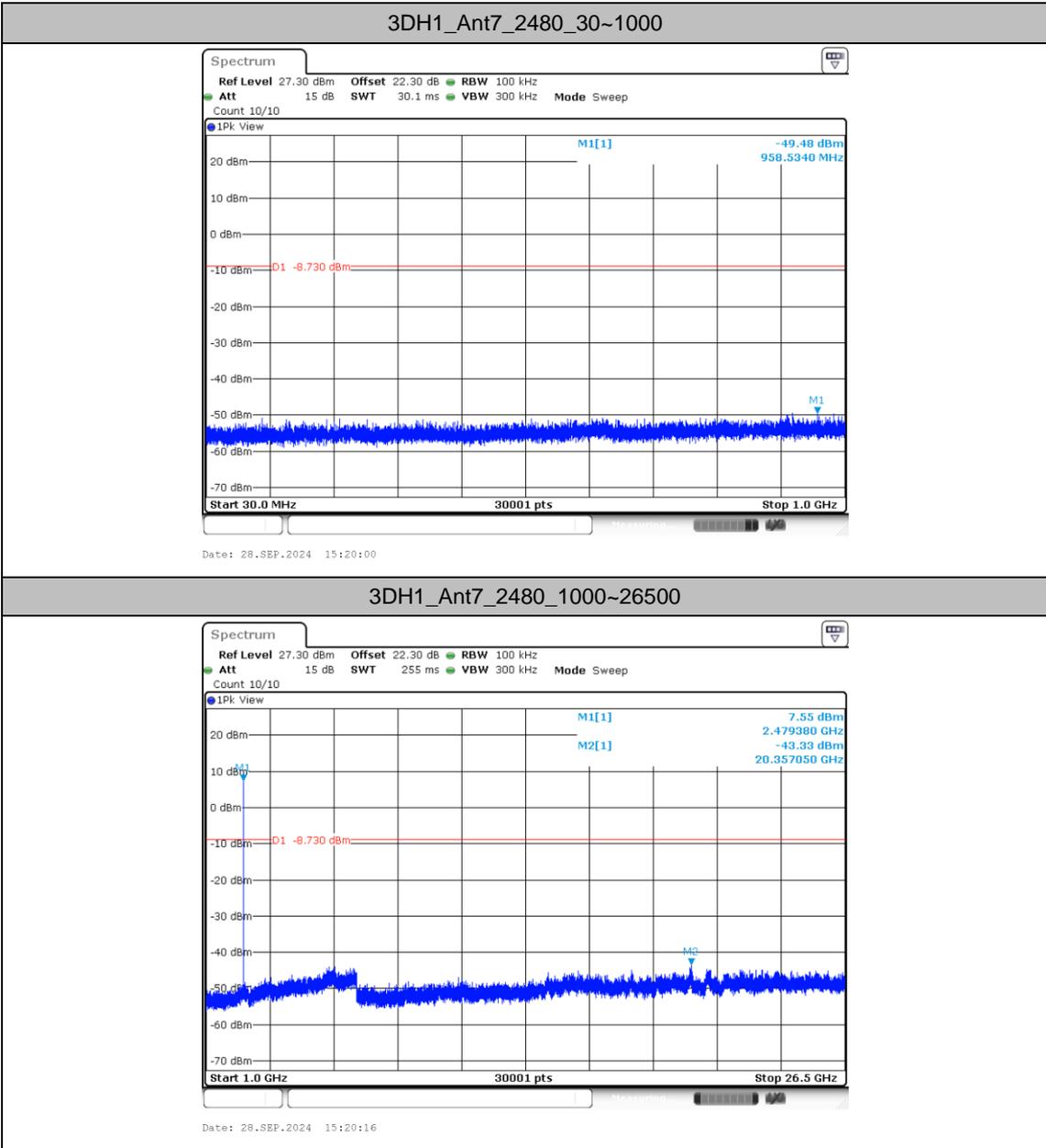


Date: 28.SEP.2024 15:18:29











Bluetooth BR/EDR Beamforming mode Ant 16+7

20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant16	2402	0.95	2401.54	2402.49	---	---
	Ant7	2402	0.95	2401.54	2402.49	---	---
	Ant16	2441	0.95	2440.54	2441.49	---	---
	Ant7	2441	0.95	2440.54	2441.49	---	---
	Ant16	2480	0.95	2479.54	2480.49	---	---
	Ant7	2480	0.95	2479.54	2480.49	---	---
2DH1	Ant16	2402	1.30	2401.34	2402.64	---	---
	Ant7	2402	1.30	2401.34	2402.64	---	---
	Ant16	2441	1.30	2440.34	2441.64	---	---
	Ant7	2441	1.30	2440.34	2441.64	---	---
	Ant16	2480	1.30	2479.34	2480.64	---	---
	Ant7	2480	1.30	2479.34	2480.64	---	---
3DH1	Ant16	2402	1.26	2401.38	2402.64	---	---
	Ant7	2402	1.27	2401.37	2402.64	---	---
	Ant16	2441	1.26	2440.38	2441.64	---	---
	Ant7	2441	1.27	2440.37	2441.64	---	---
	Ant16	2480	1.26	2479.37	2480.64	---	---
	Ant7	2480	1.26	2479.37	2480.64	---	---

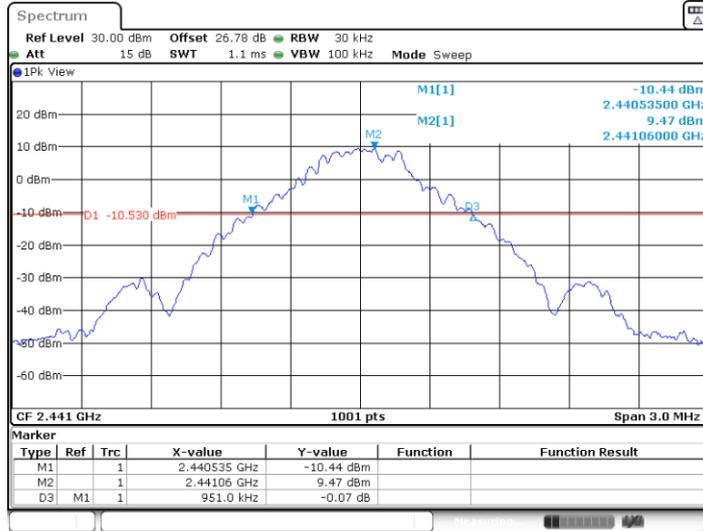


Test Graphs

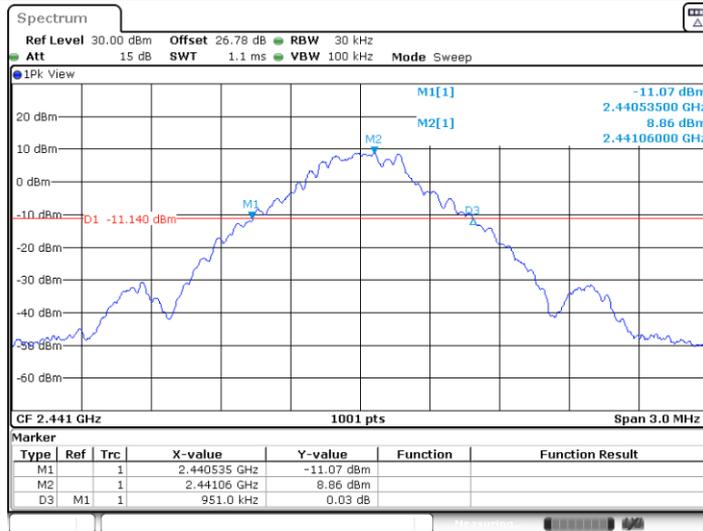




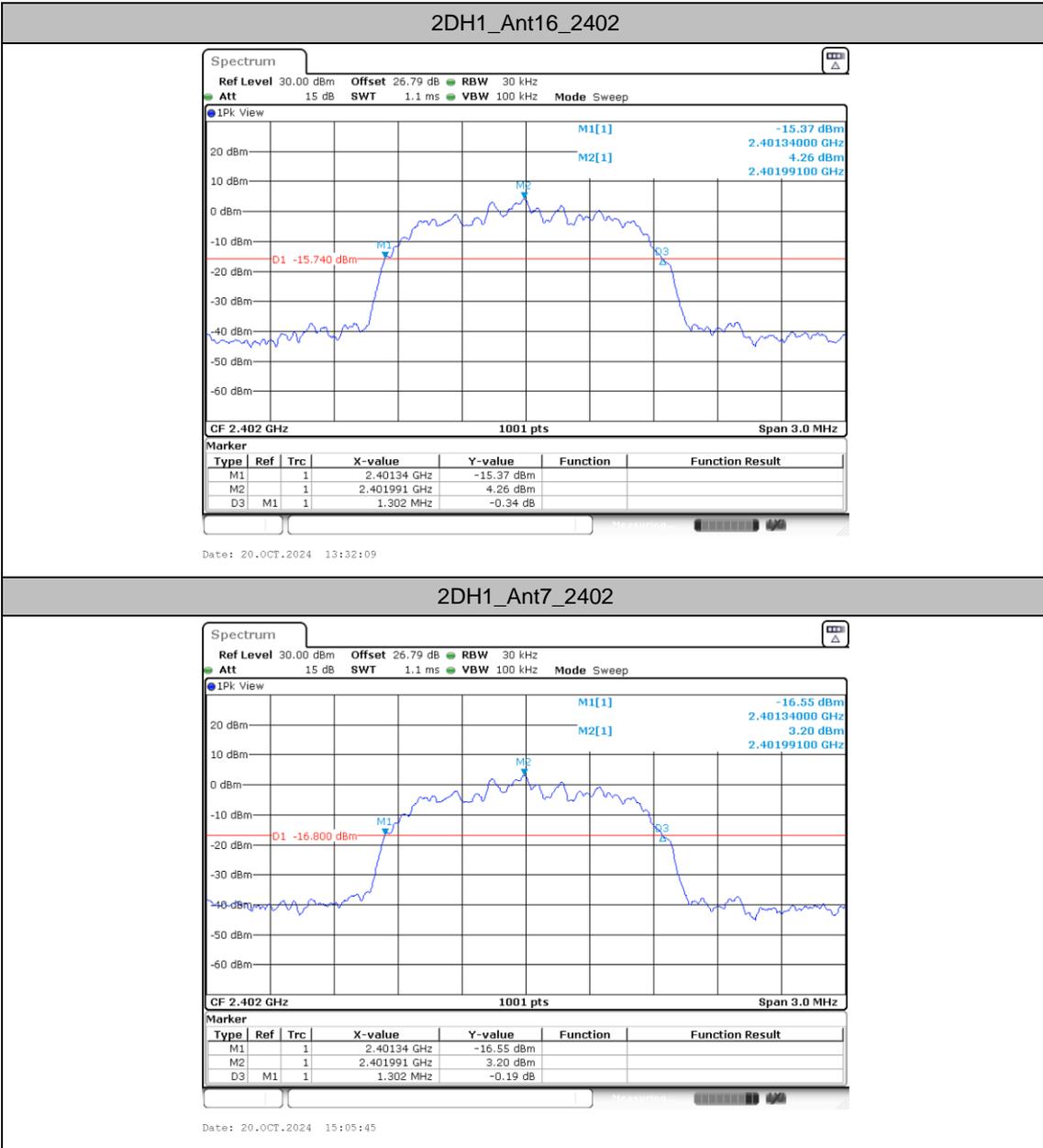
DH5_Ant16_2441

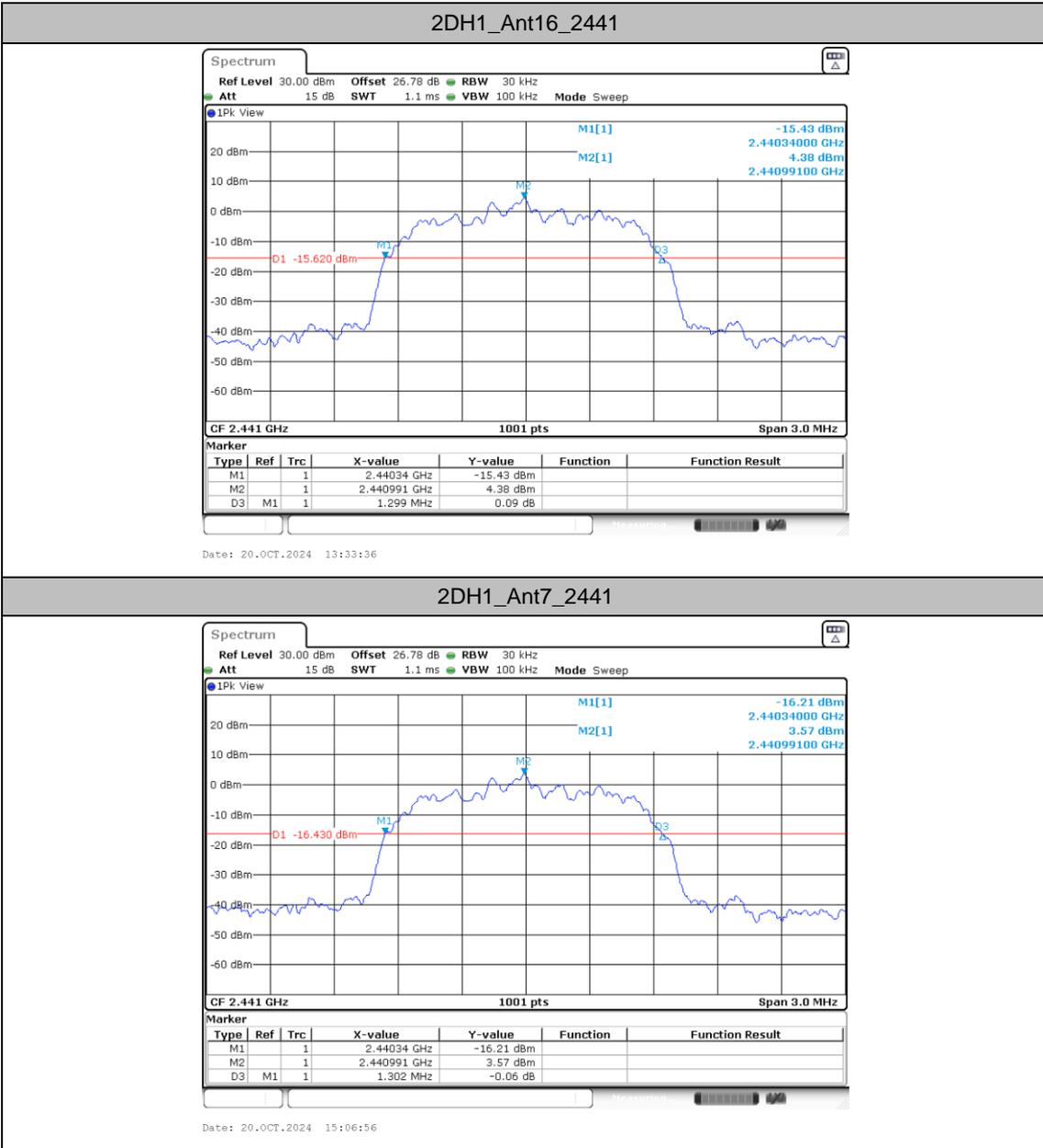


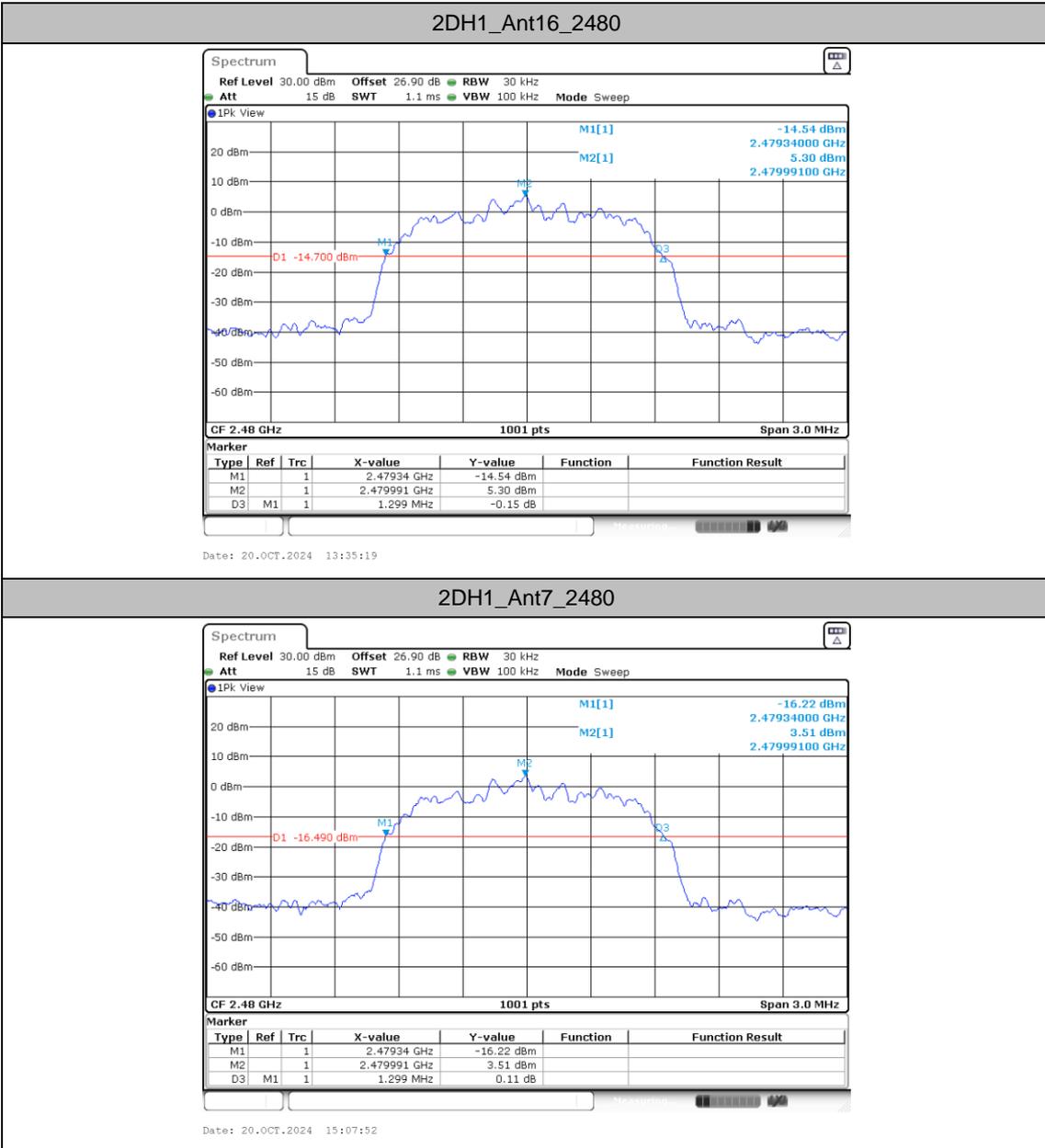
DH5_Ant7_2441

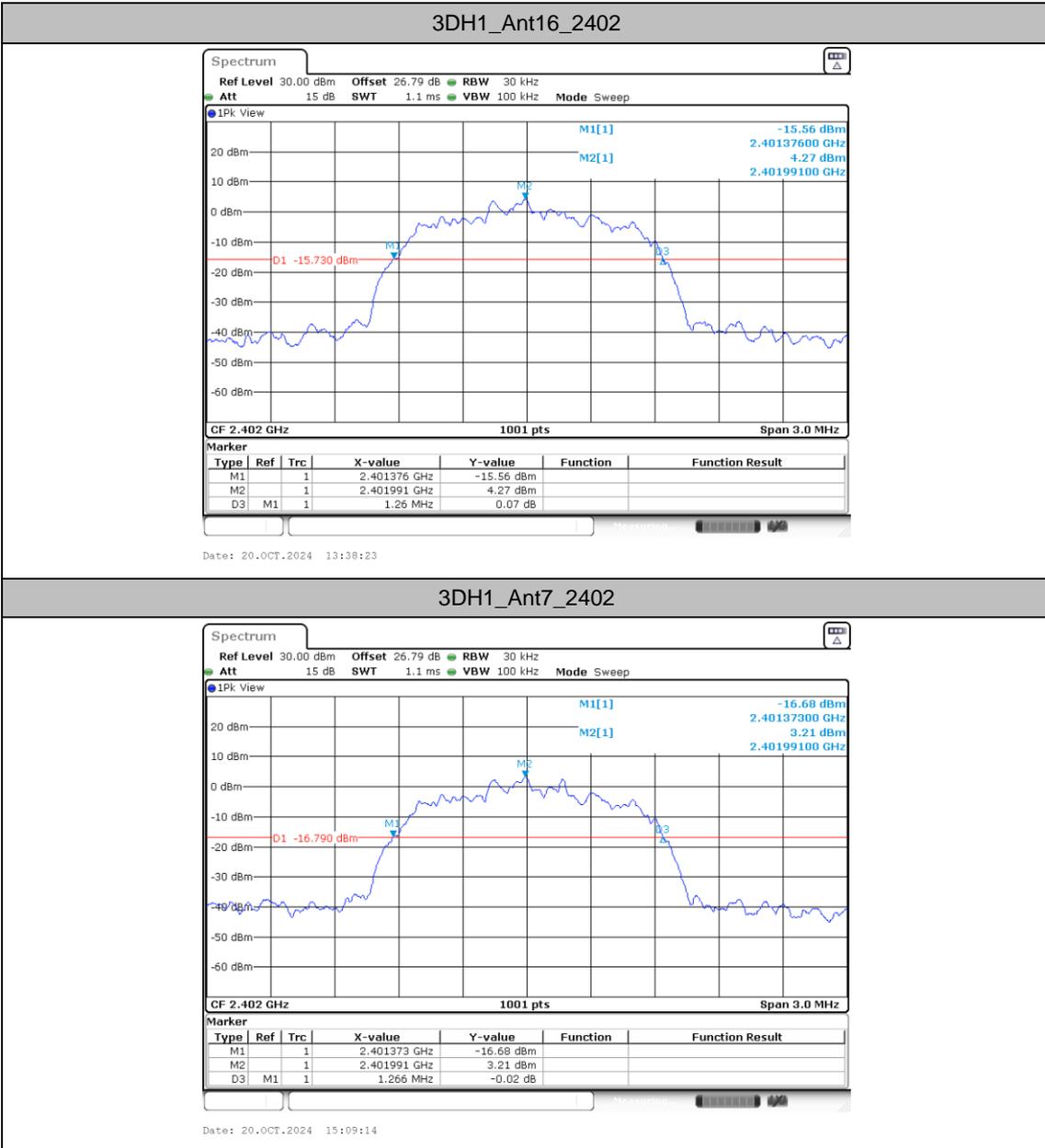


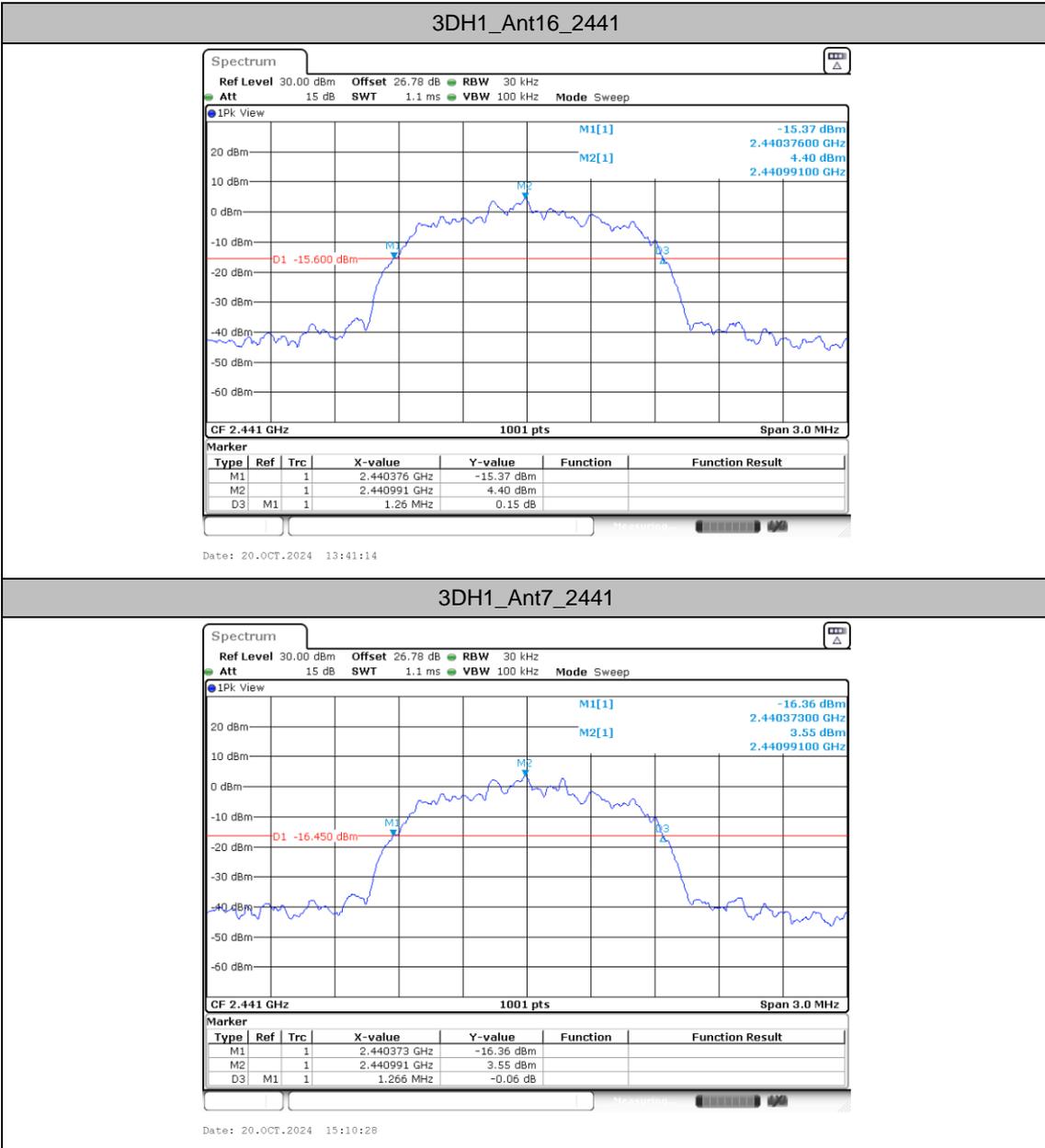


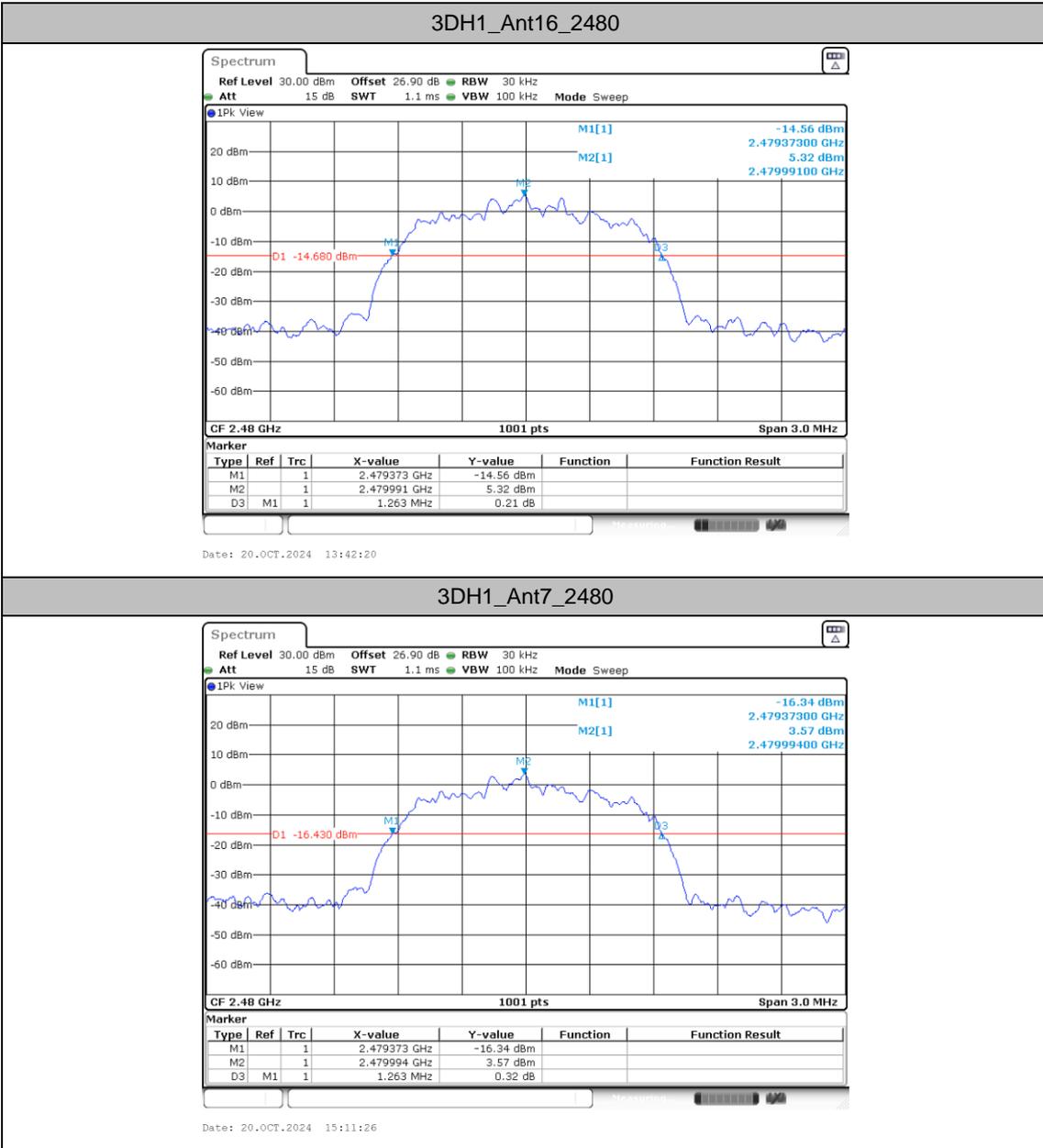














Occupied Channel Bandwidth

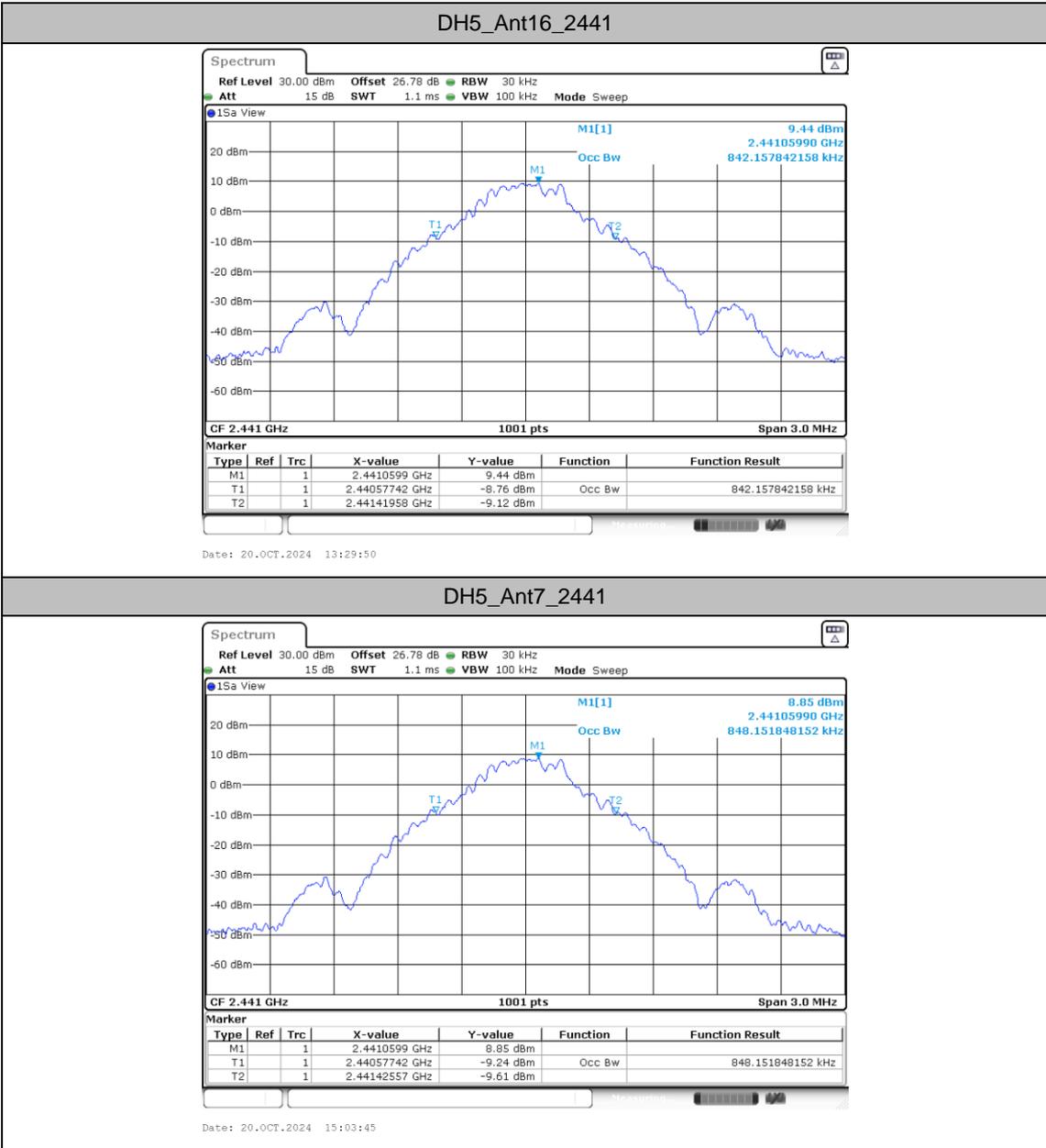
Test Result

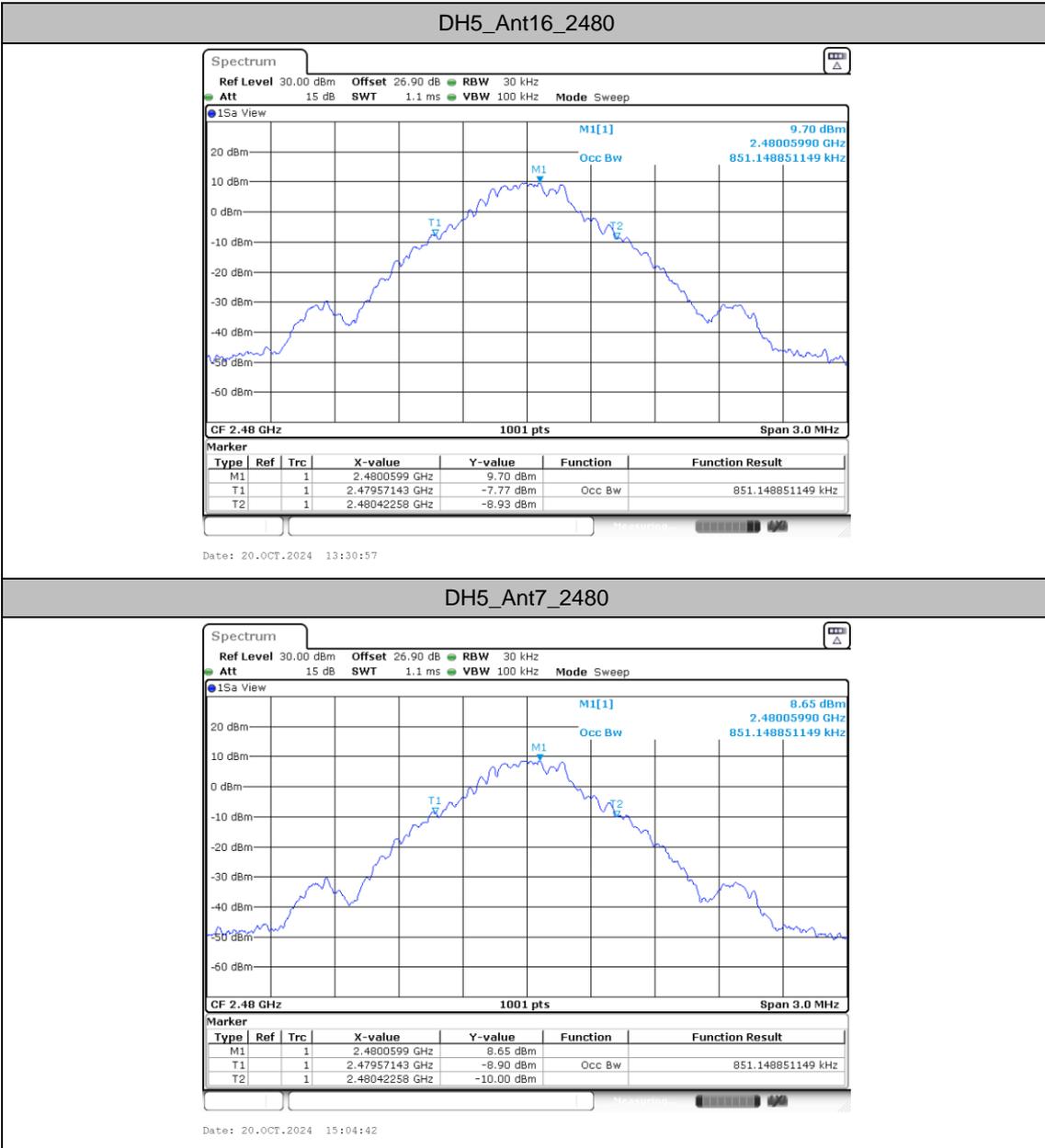
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant16	2402	0.851	2401.5744	2402.4256	---	---
	Ant7	2402	0.848	2401.5774	2402.4256	---	---
	Ant16	2441	0.842	2440.5774	2441.4196	---	---
	Ant7	2441	0.848	2440.5774	2441.4256	---	---
	Ant16	2480	0.851	2479.5714	2480.4226	---	---
	Ant7	2480	0.851	2479.5714	2480.4226	---	---
2DH1	Ant16	2402	1.169	2401.4096	2402.5784	---	---
	Ant7	2402	1.169	2401.4096	2402.5784	---	---
	Ant16	2441	1.169	2440.4096	2441.5784	---	---
	Ant7	2441	1.169	2440.4096	2441.5784	---	---
	Ant16	2480	1.166	2479.4096	2480.5754	---	---
	Ant7	2480	1.169	2479.4096	2480.5784	---	---
3DH1	Ant16	2402	1.154	2401.4366	2402.5904	---	---
	Ant7	2402	1.157	2401.4366	2402.5934	---	---
	Ant16	2441	1.154	2440.4366	2441.5904	---	---
	Ant7	2441	1.154	2440.4366	2441.5904	---	---
	Ant16	2480	1.151	2479.4366	2480.5874	---	---
	Ant7	2480	1.157	2479.4336	2480.5904	---	---

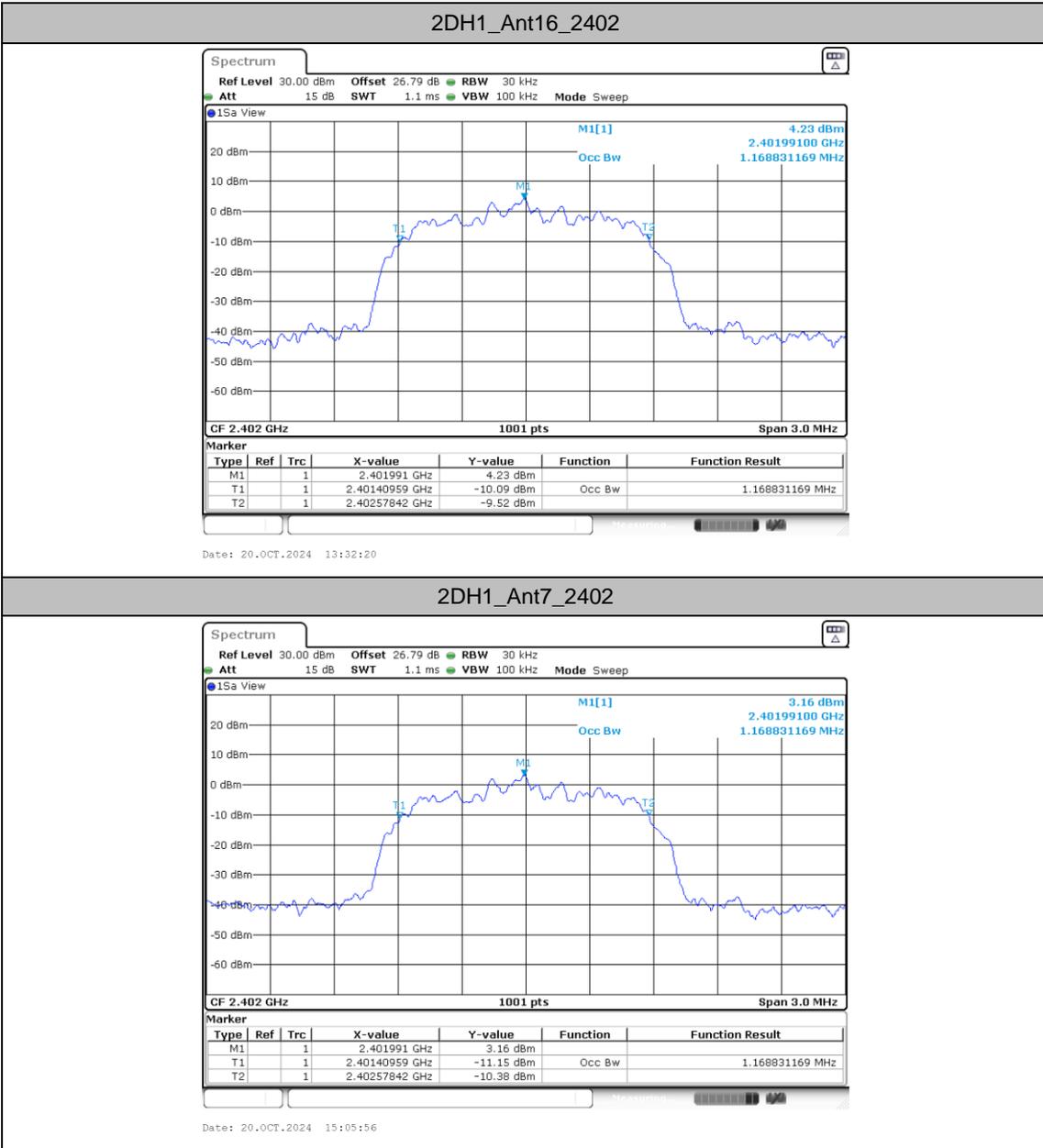


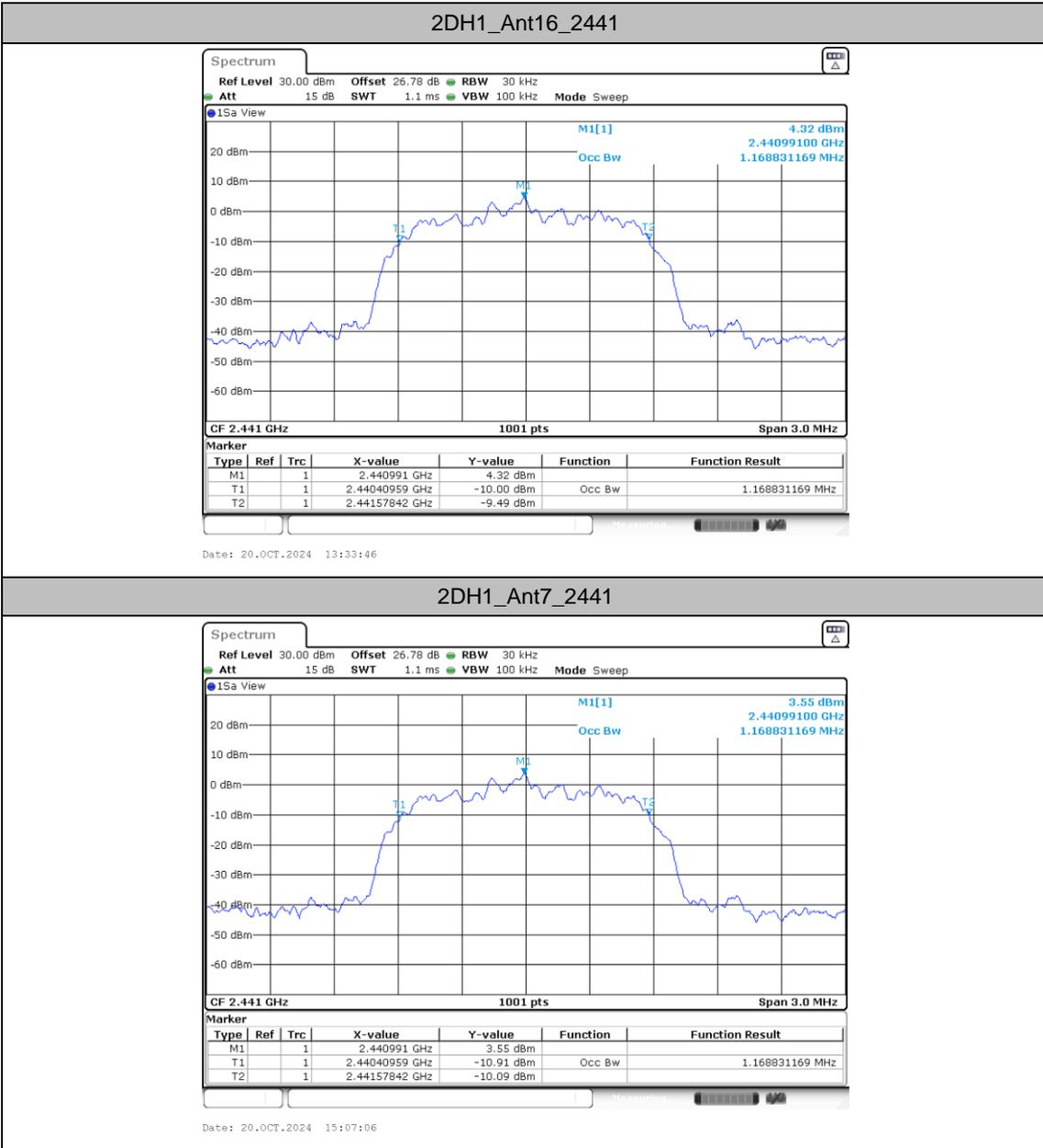
Test Graphs

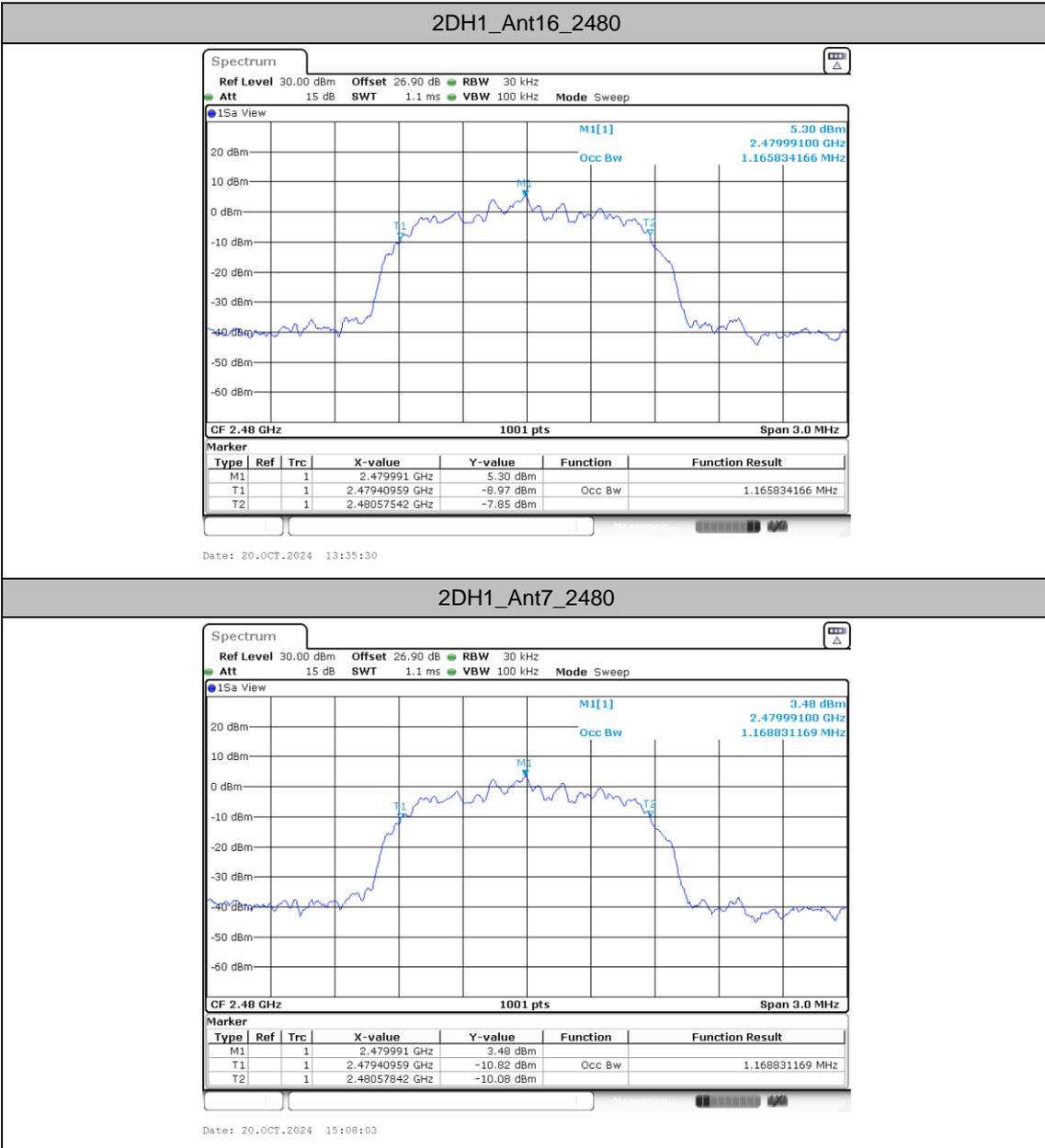


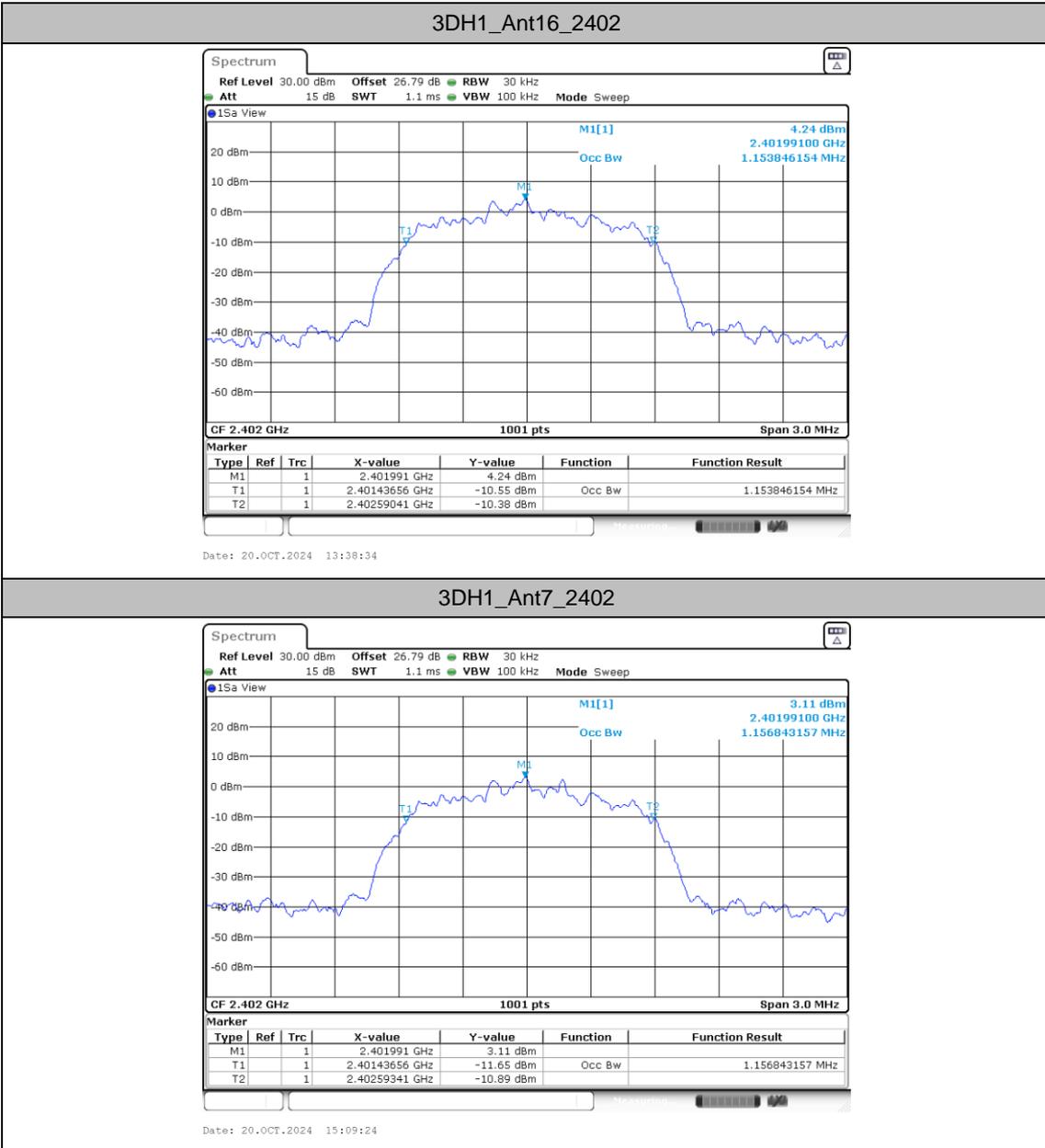


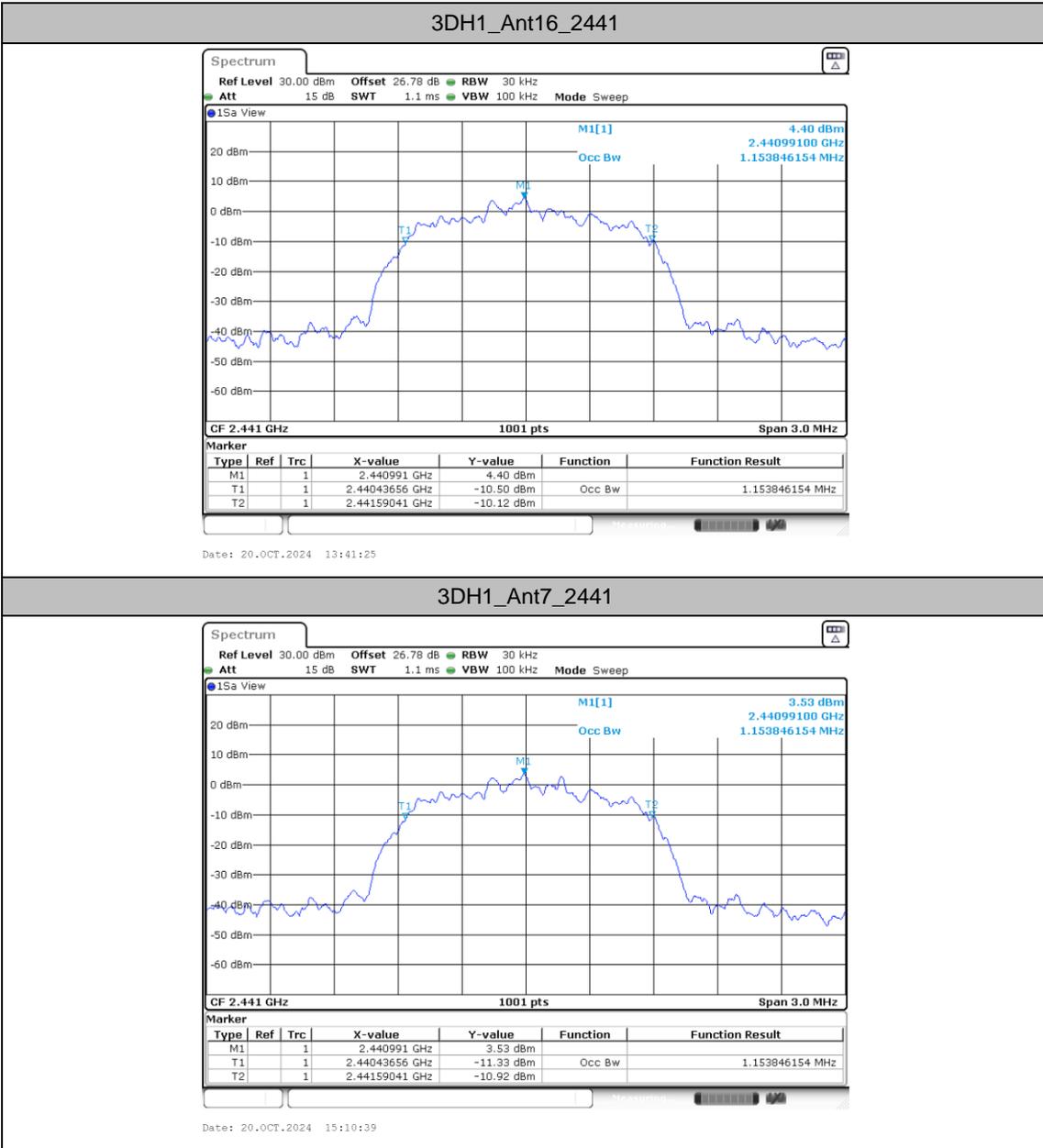
















Maximum conducted output power

Test Result Peak

TestMode	Antenna	CH.	Peak Power (dBm)	Power Limit (dBm)	Pass/Fail
DH5	Ant16+7	0	15.67	20.97	Pass
		39	15.54	20.97	Pass
		78	15.55	20.97	Pass
2DH1	Ant16+7	0	12.60	20.97	Pass
		39	12.71	20.97	Pass
		78	13.33	20.97	Pass
3DH1	Ant16+7	0	13.11	20.97	Pass
		39	13.29	20.97	Pass
		78	13.70	20.97	Pass



Carrier frequency separation

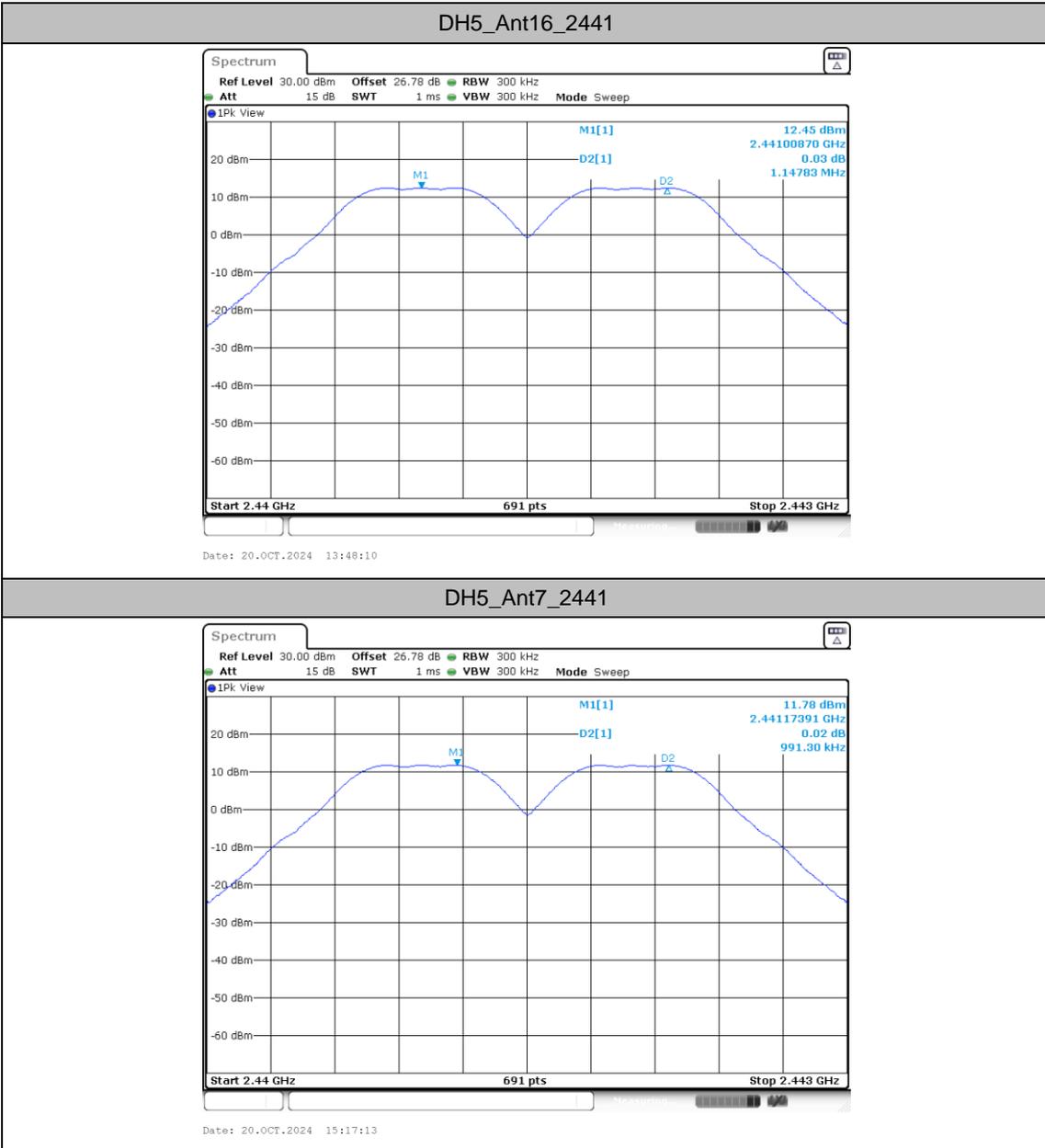
Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant16	2402	1.174	≥0.633	PASS
	Ant7	2402	1	≥0.633	PASS
	Ant16	2441	1.148	≥0.633	PASS
	Ant7	2441	0.991	≥0.633	PASS
	Ant16	2480	1	≥0.633	PASS
	Ant7	2480	0.991	≥0.633	PASS
2DH1	Ant16	2402	0.991	≥0.867	PASS
	Ant7	2402	0.996	≥0.867	PASS
	Ant16	2441	1.004	≥0.867	PASS
	Ant7	2441	1.004	≥0.867	PASS
	Ant16	2480	0.996	≥0.867	PASS
	Ant7	2480	1	≥0.867	PASS
3DH1	Ant16	2402	1.013	≥0.840	PASS
	Ant7	2402	0.991	≥0.847	PASS
	Ant16	2441	1.004	≥0.840	PASS
	Ant7	2441	0.987	≥0.847	PASS
	Ant16	2480	0.991	≥0.840	PASS
	Ant7	2480	1.009	≥0.840	PASS



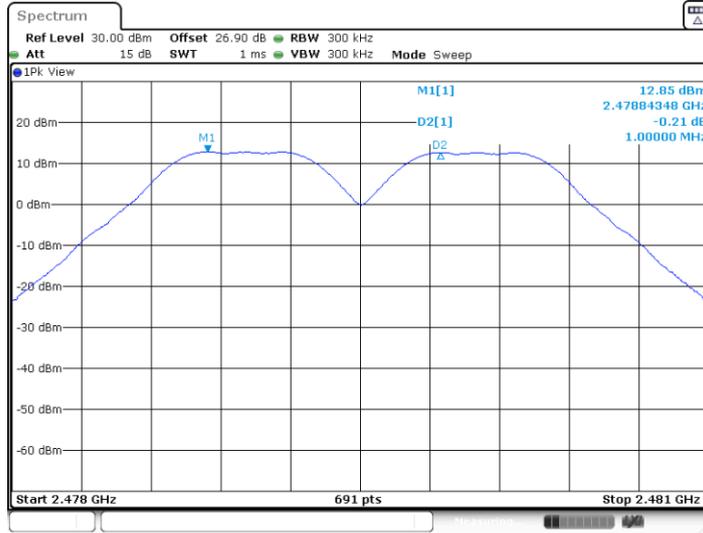
Test Graphs





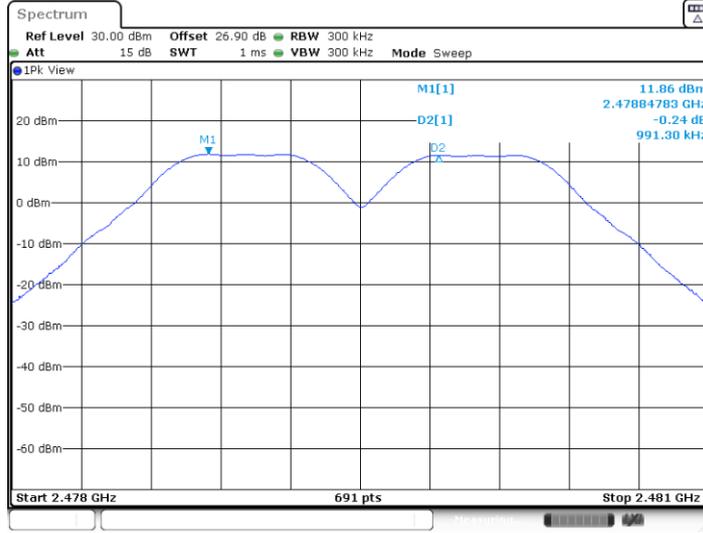


DH5_Ant16_2480



Date: 20.OCT.2024 13:48:32

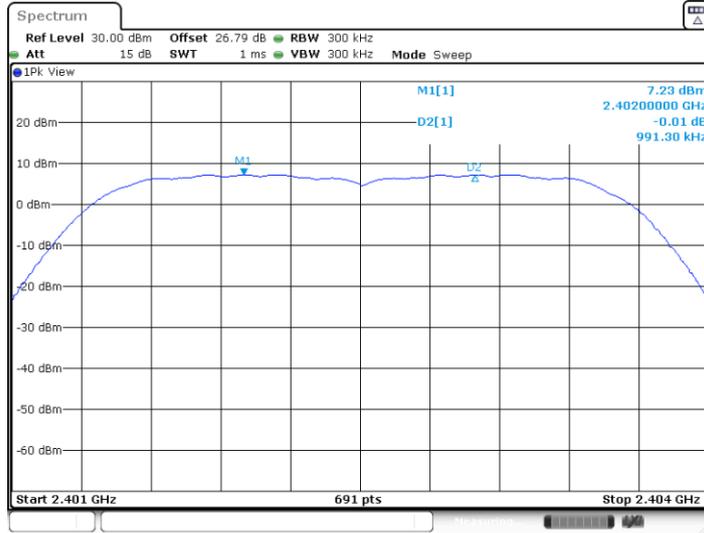
DH5_Ant7_2480



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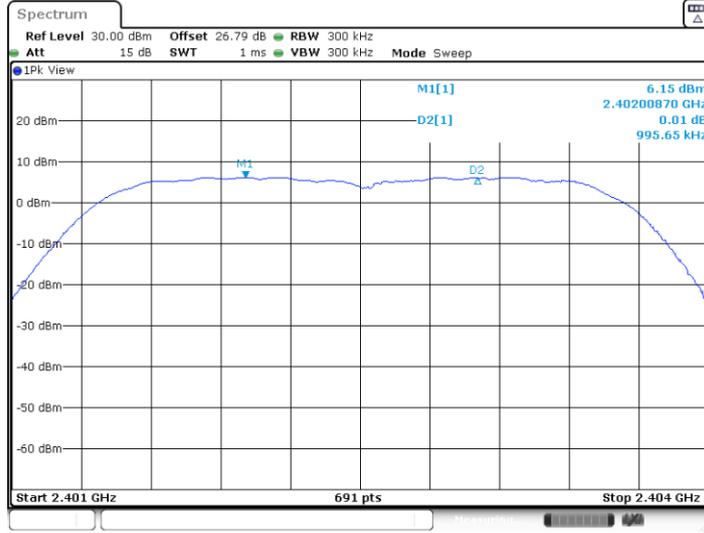


2DH1_Ant16_2402



Date: 20.OCT.2024 13:48:53

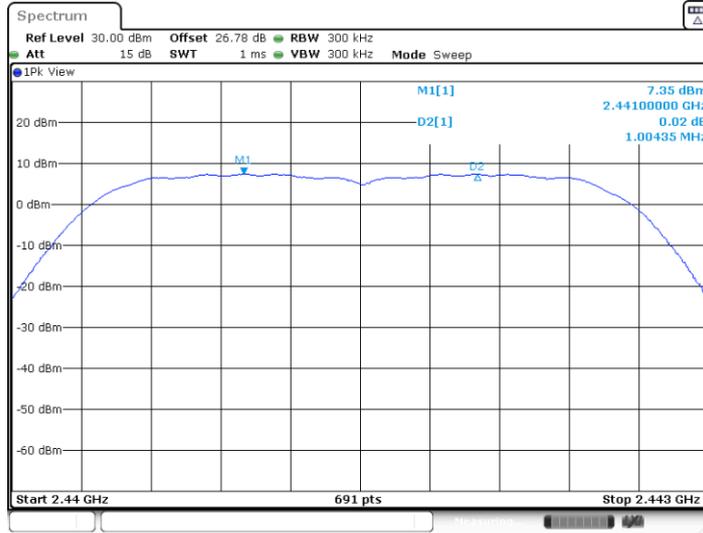
2DH1_Ant7_2402



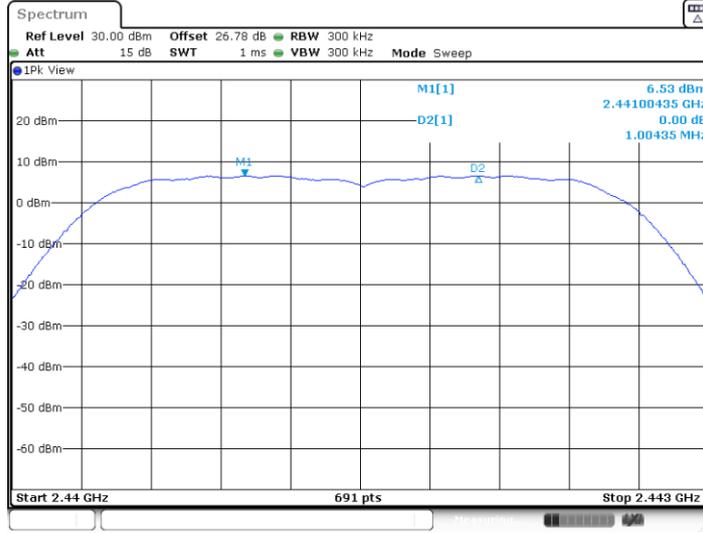
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2DH1_Ant16_2441

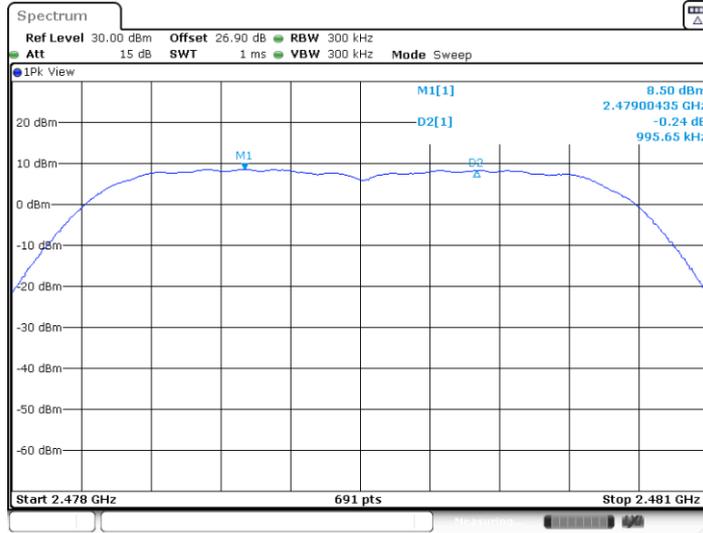


2DH1_Ant7_2441



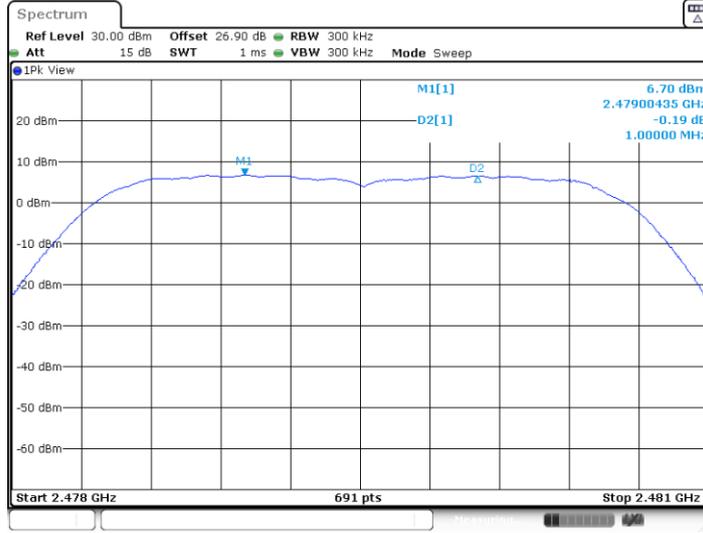


2DH1_Ant16_2480



Date: 20.OCT.2024 13:49:47

2DH1_Ant7_2480



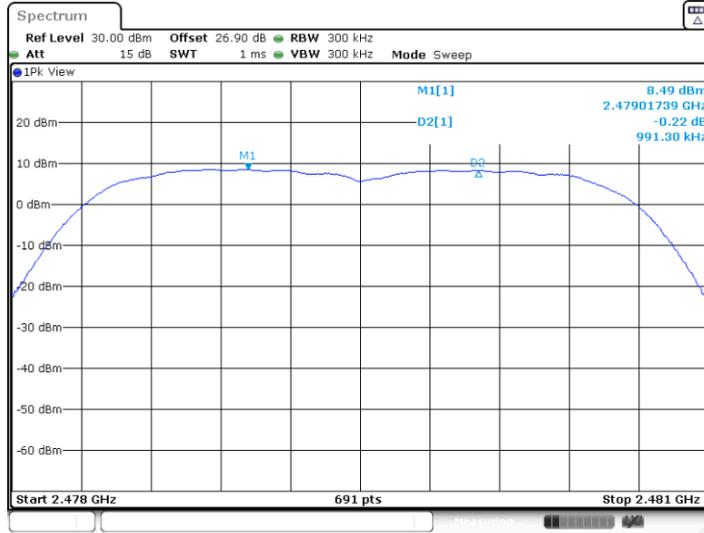
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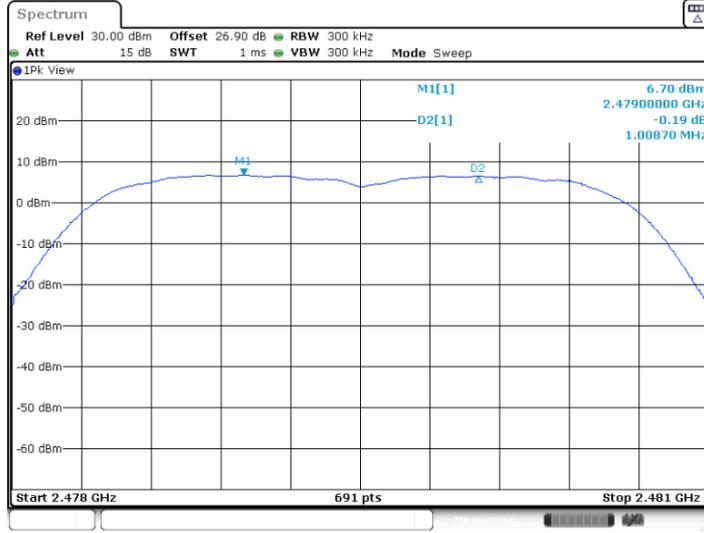


3DH1_Ant16_2480



Date: 20.OCT.2024 13:51:53

3DH1_Ant7_2480



Date: 20.OCT.2024 15:22:03



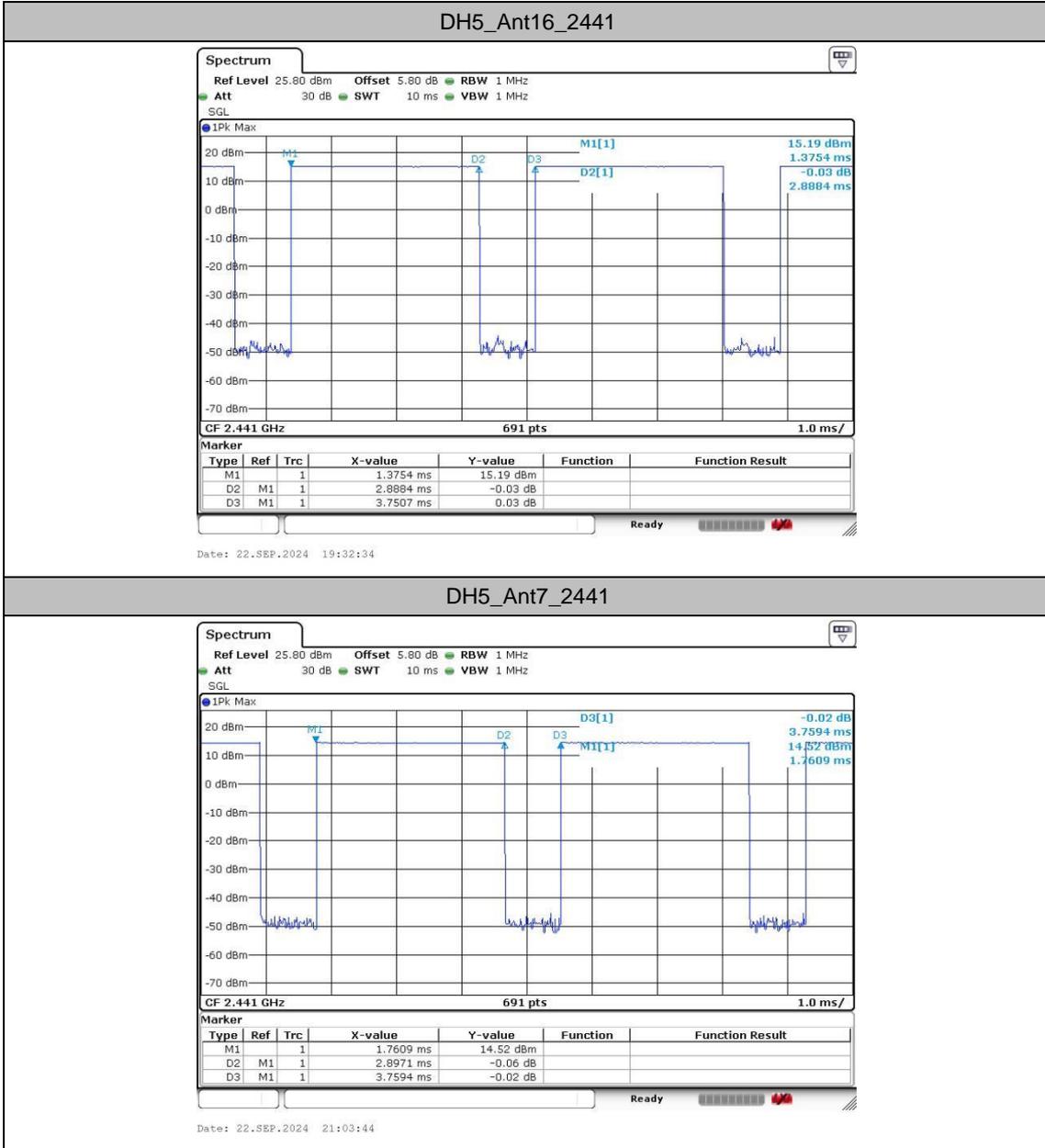
Time of occupancy

Test Result

TestMode	Antenna	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec) (MHz)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Normal	Ant16	79	106.67	2.8884	0.31	0.4	Pass
AFH	Ant16	20	53.33	2.8884	0.15	0.4	Pass
Normal	Ant7	79	106.67	2.8971	0.31	0.4	Pass
AFH	Ant7	20	53.33	2.8971	0.15	0.4	Pass



Test Graphs





Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant16	Hop	79	≥15	PASS
	Ant7	Hop	79	≥15	PASS



Test Graphs

