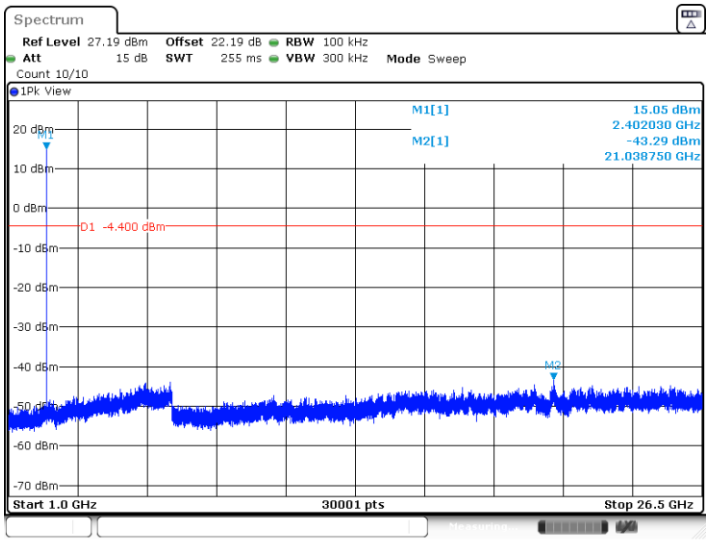
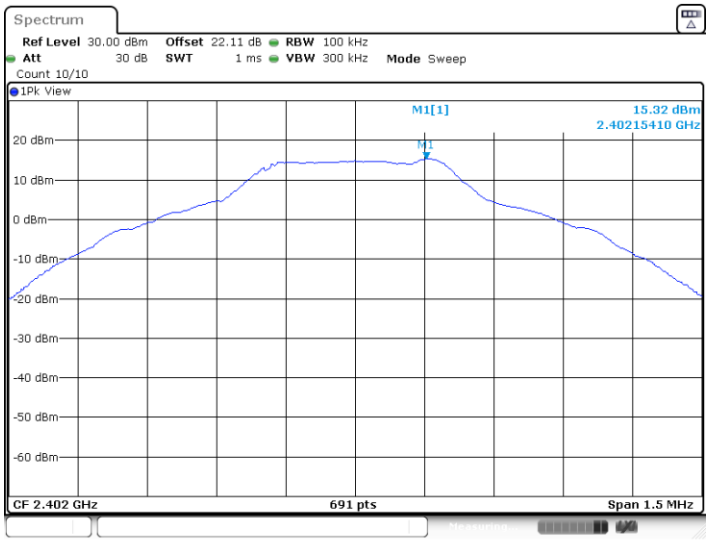
DH5_Ant15_2402_1000~26500



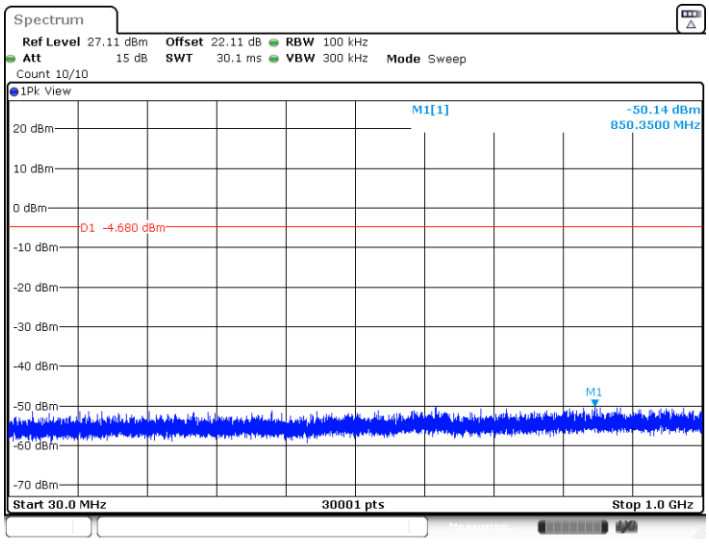
Date: 10.NOV.2024 23:29:49

DH5_Ant7_2402_0~Reference

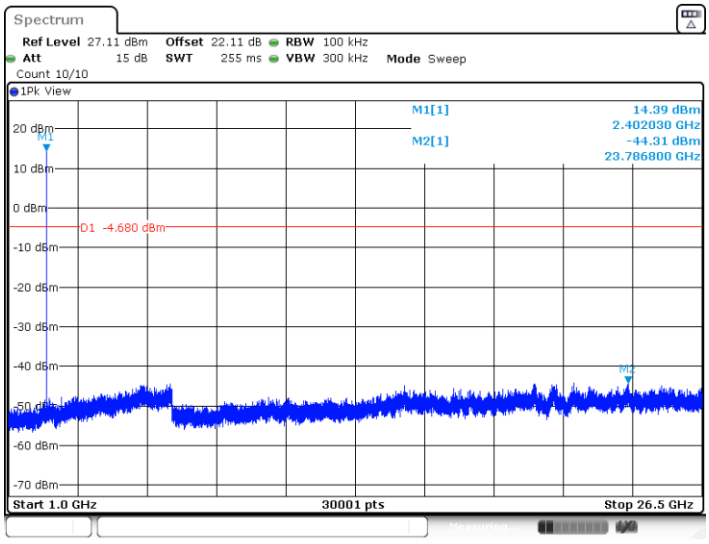


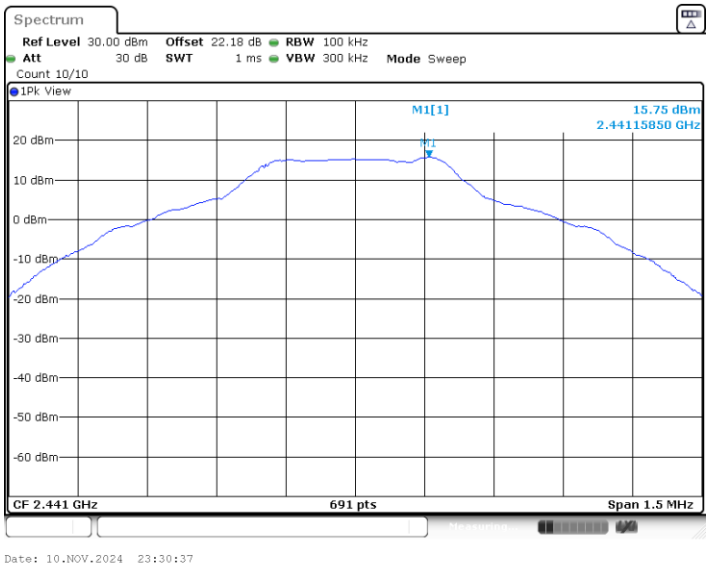
Date: 10.NOV.2024 23:06:00

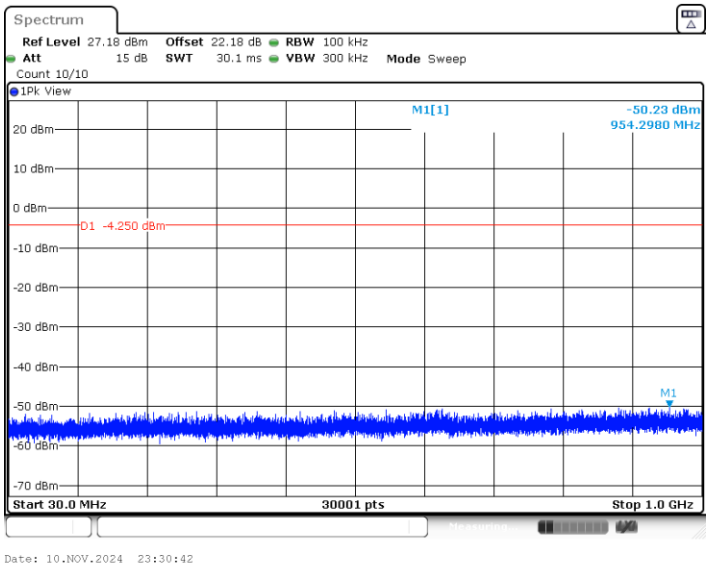
DH5_Ant7_2402_30~1000



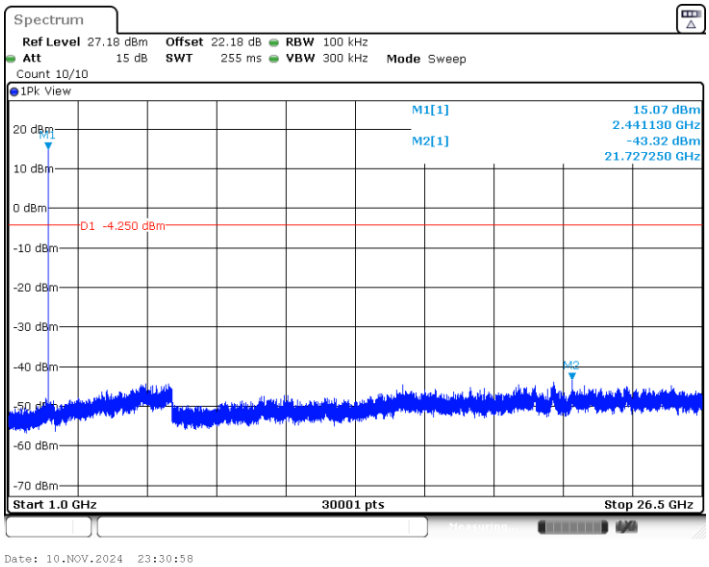
DH5_Ant7_2402_1000~26500



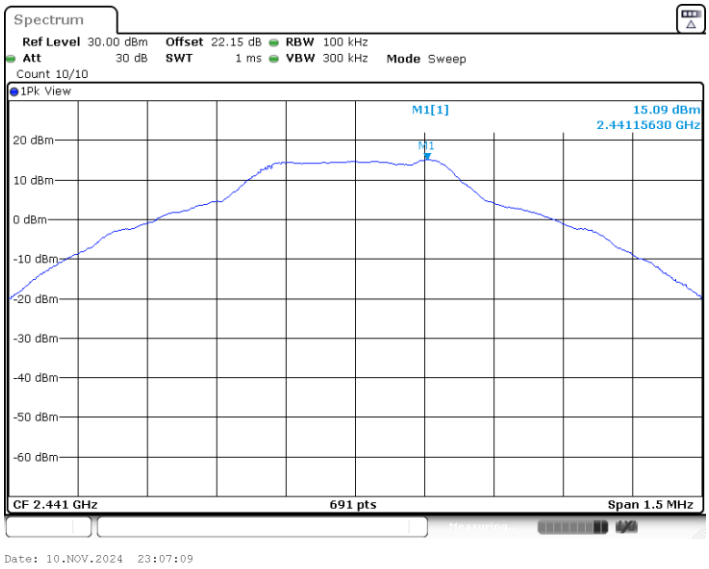
DH5_Ant15_2441_0~Reference


DH5_Ant15_2441_30~1000


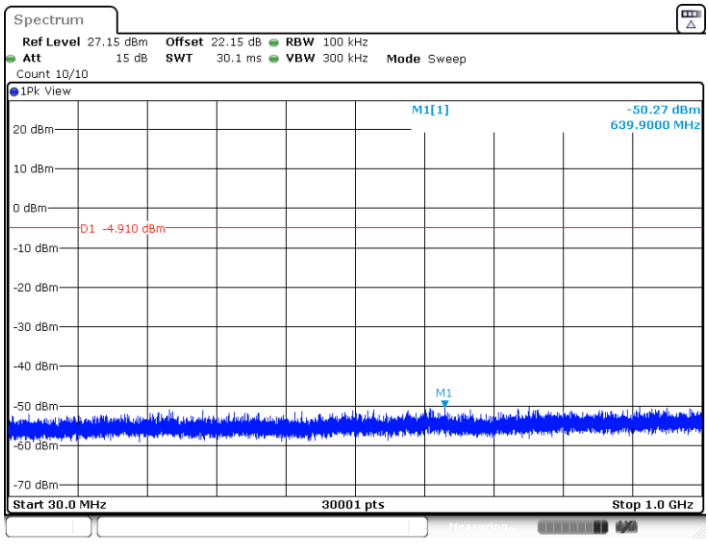
DH5_Ant15_2441_1000~26500



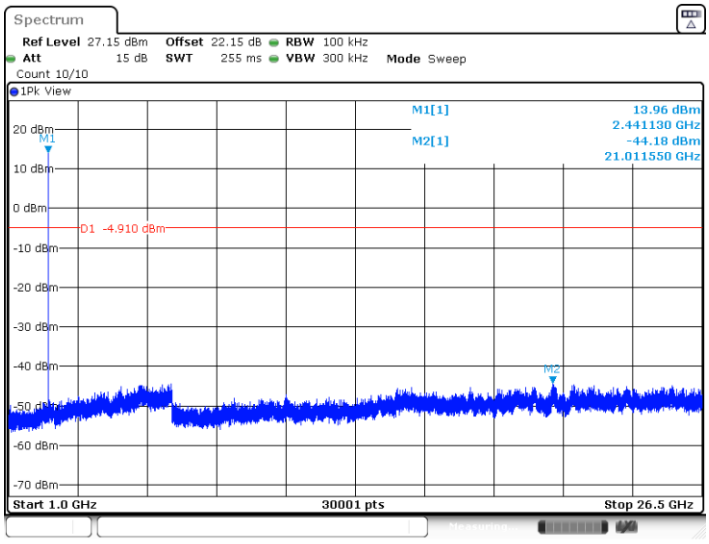
DH5_Ant7_2441_0~Reference

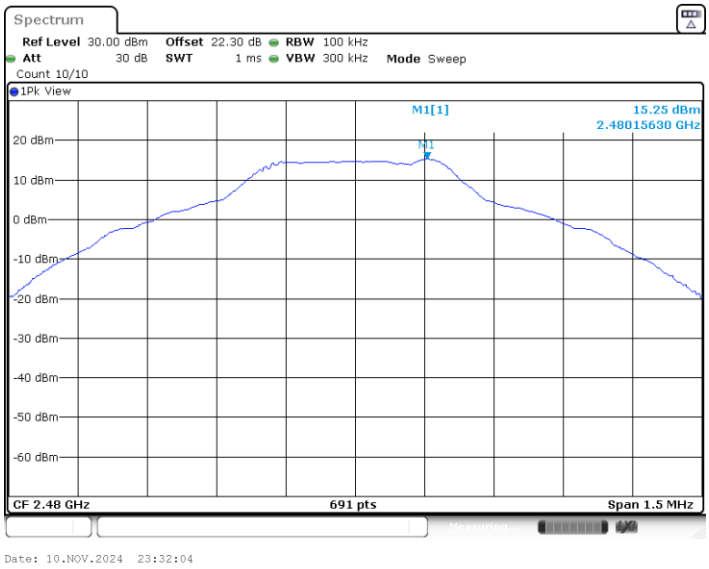


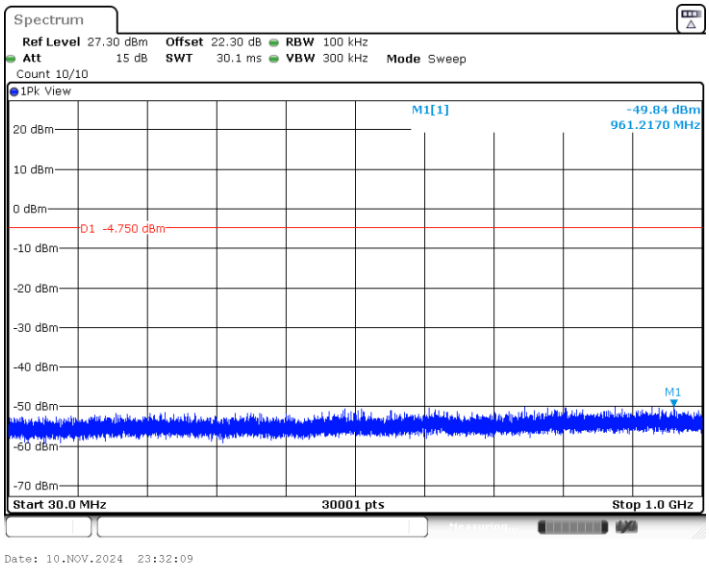
DH5_Ant7_2441_30~1000



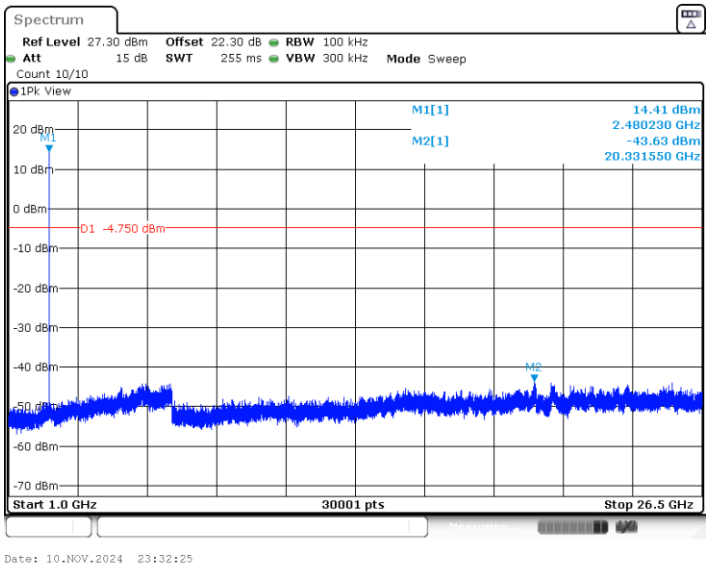
DH5_Ant7_2441_1000~26500



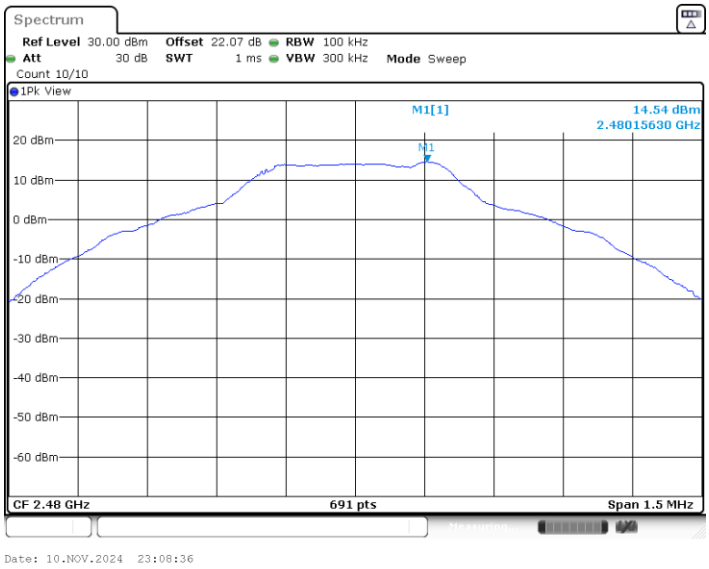
DH5_Ant15_2480_0~Reference


DH5_Ant15_2480_30~1000


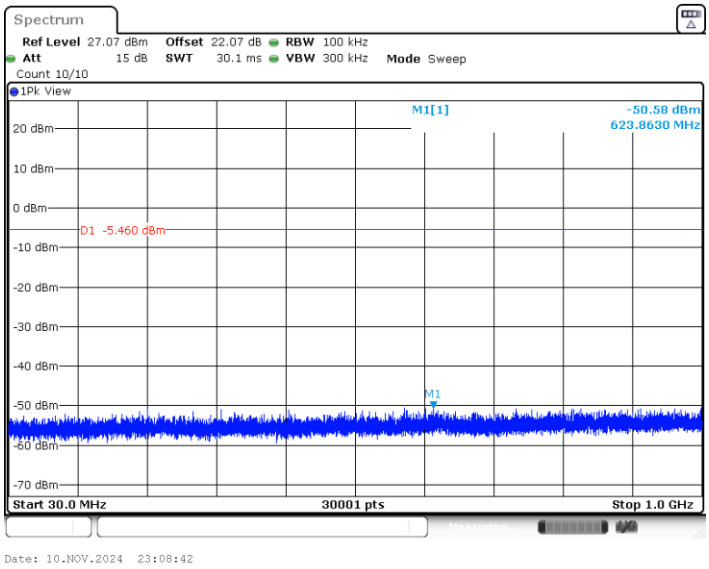
DH5_Ant15_2480_1000~26500



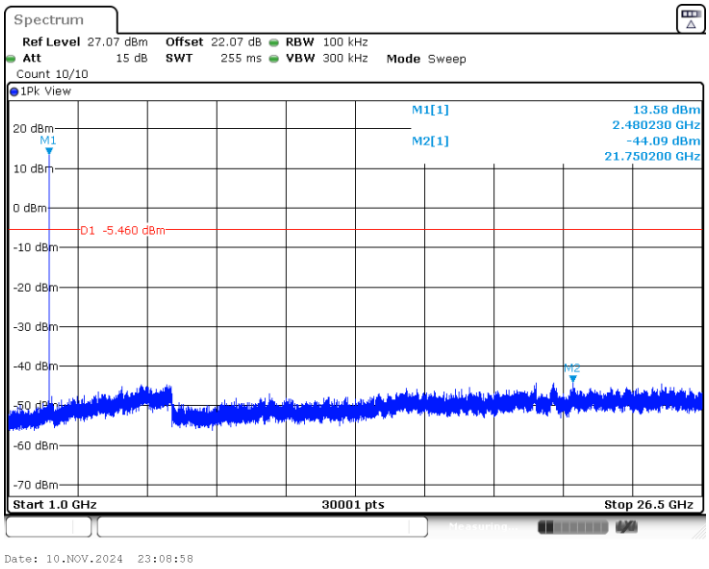
DH5_Ant7_2480_0~Reference

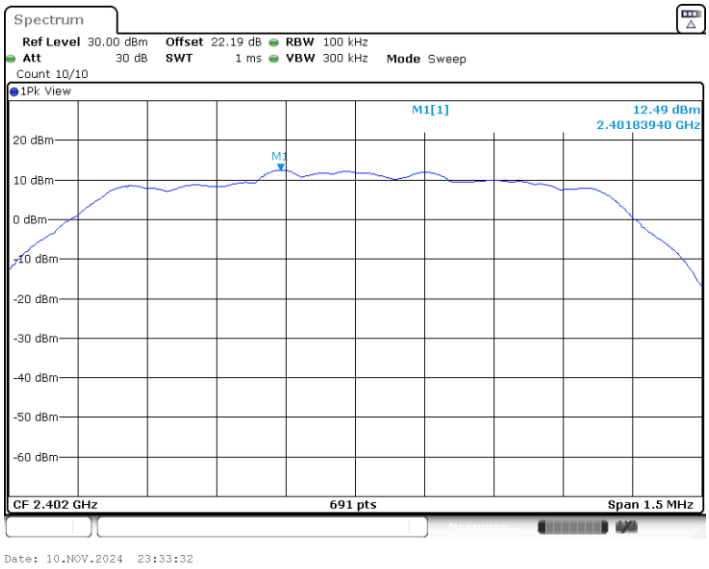


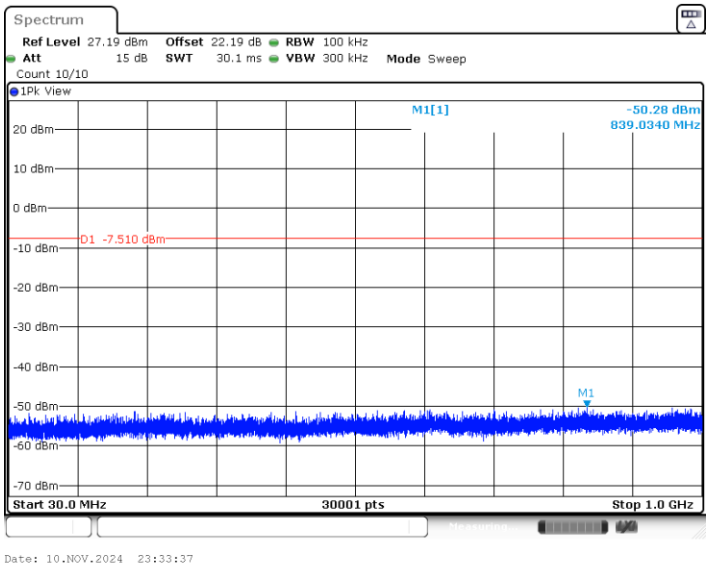
DH5_Ant7_2480_30~1000

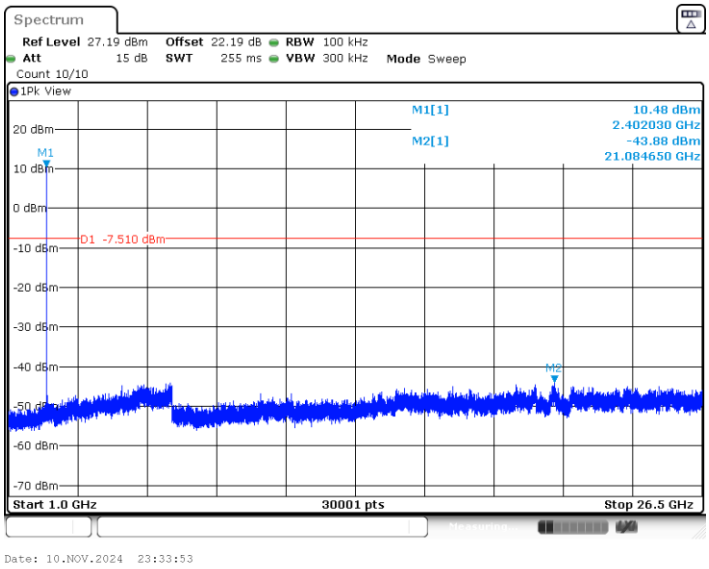


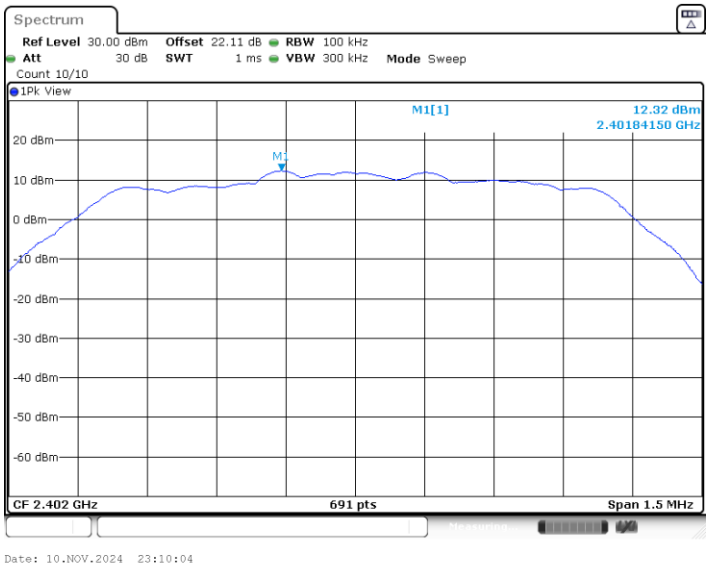
DH5_Ant7_2480_1000~26500

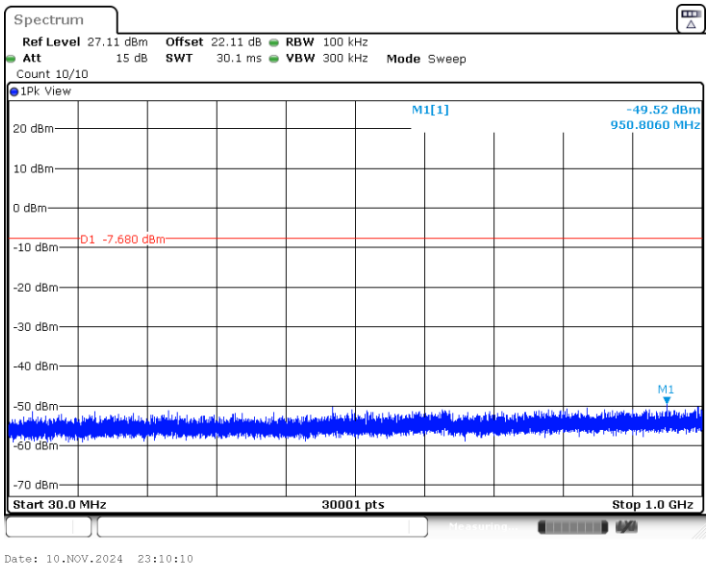


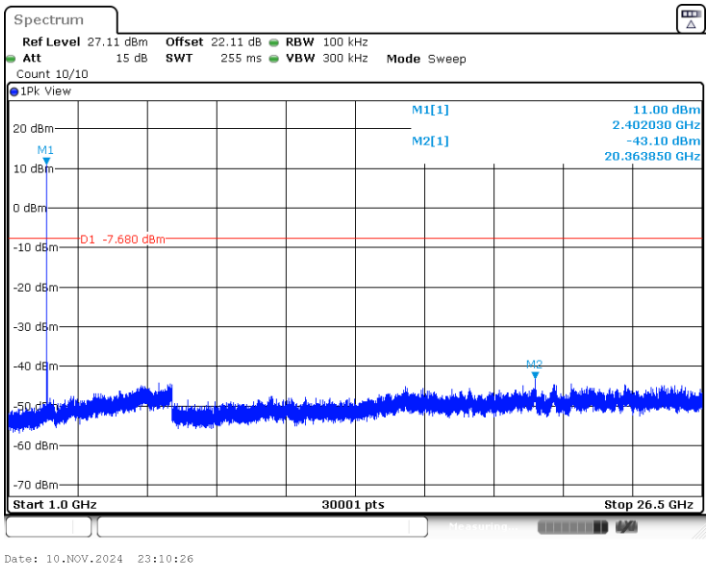
2DH1_Ant15_2402_0~Reference


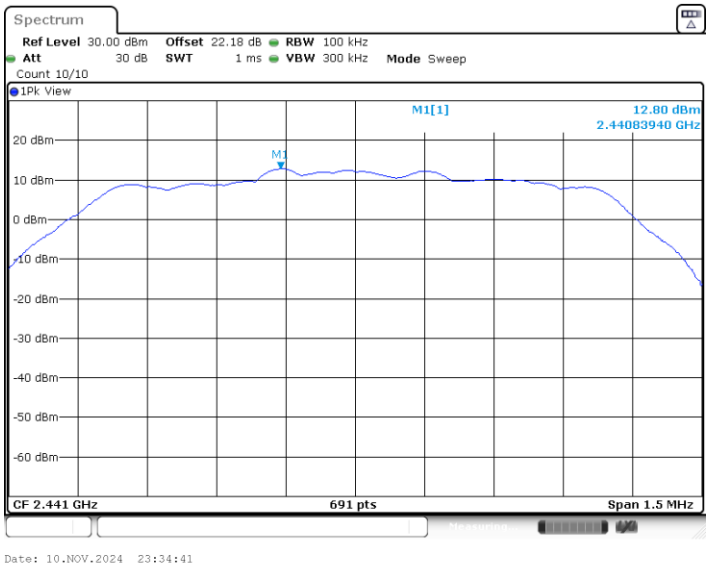
2DH1_Ant15_2402_30~1000


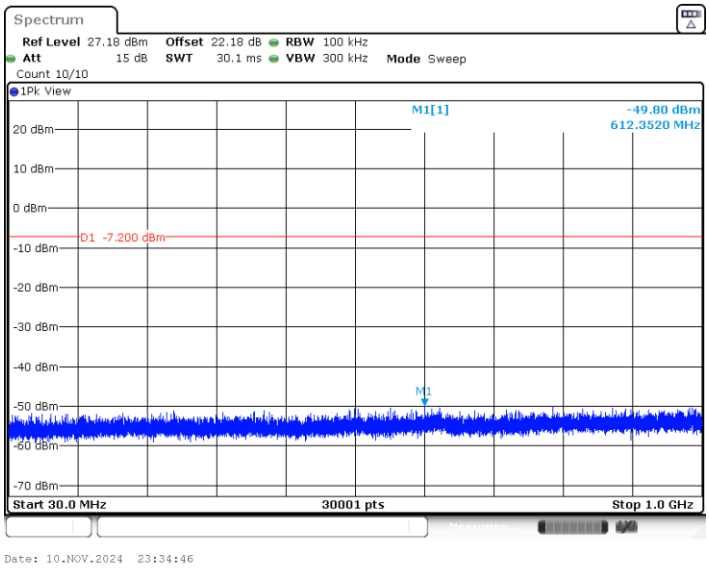
2DH1_Ant15_2402_1000~26500


2DH1_Ant7_2402_0~Reference


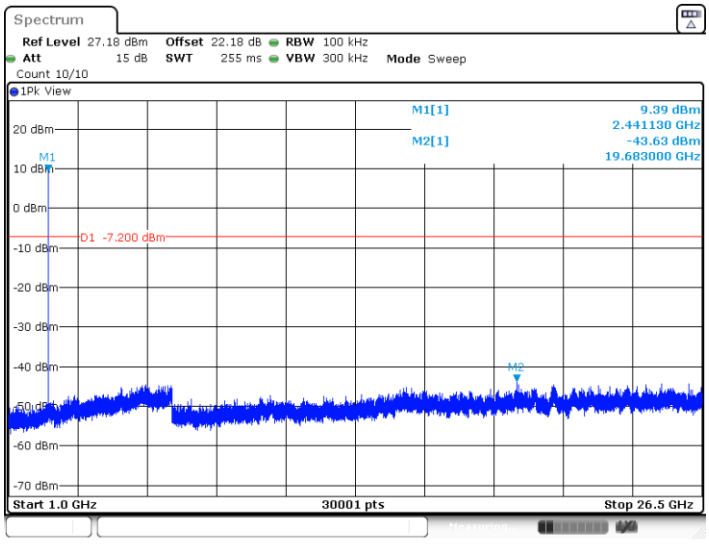
2DH1_Ant7_2402_30~1000


2DH1_Ant7_2402_1000~26500


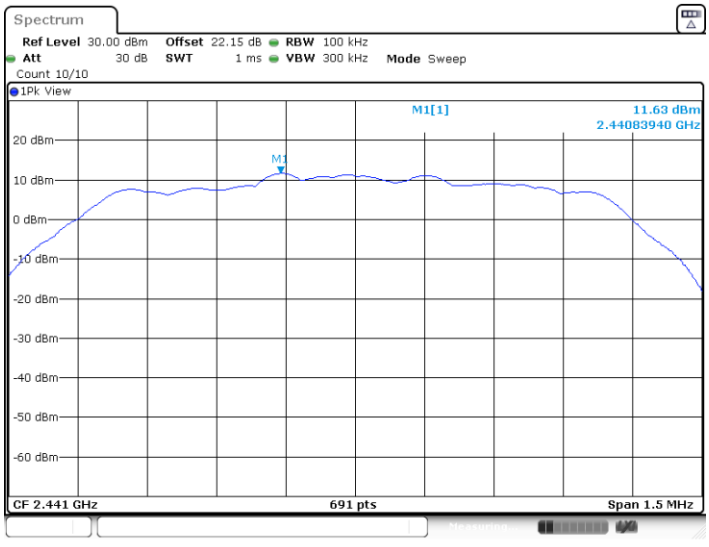
2DH1_Ant15_2441_0~Reference


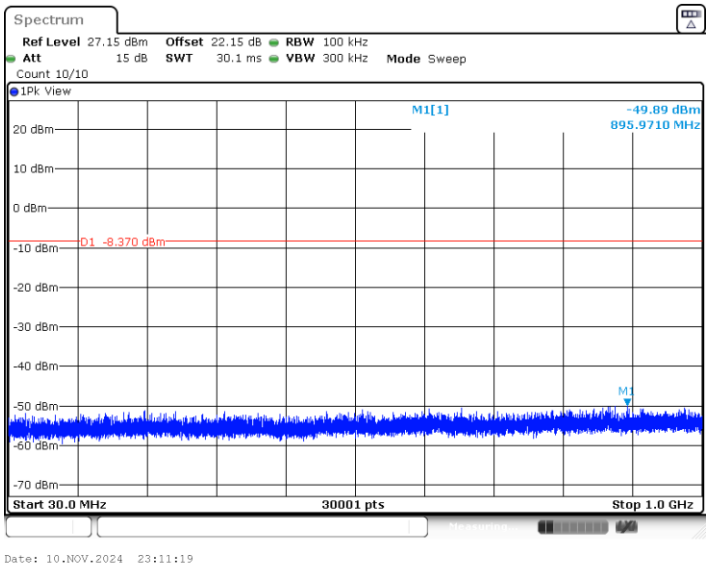
2DH1_Ant15_2441_30~1000


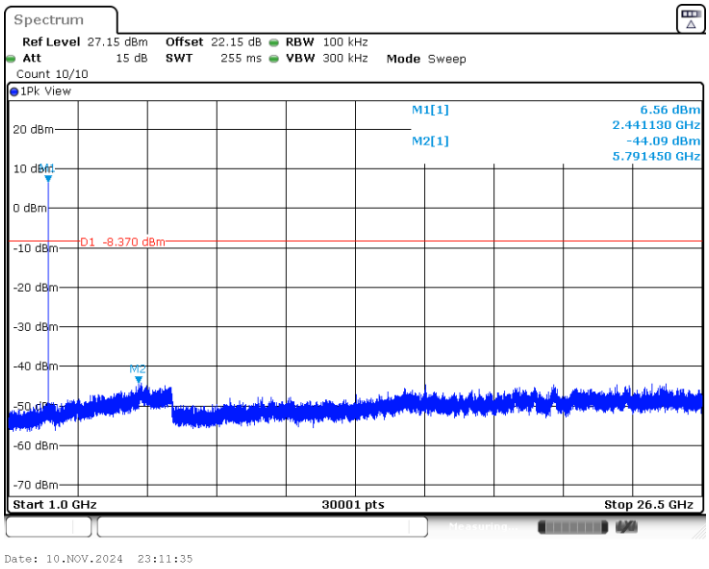
2DH1_Ant15_2441_1000~26500

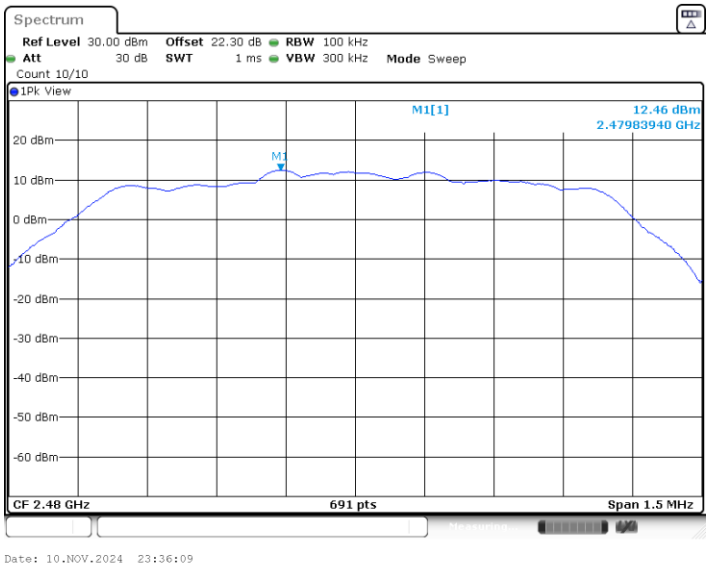


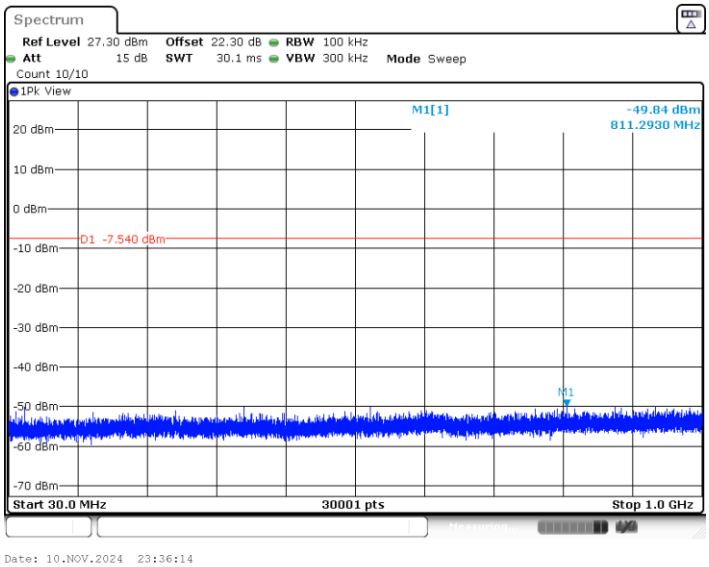
2DH1_Ant7_2441_0~Reference

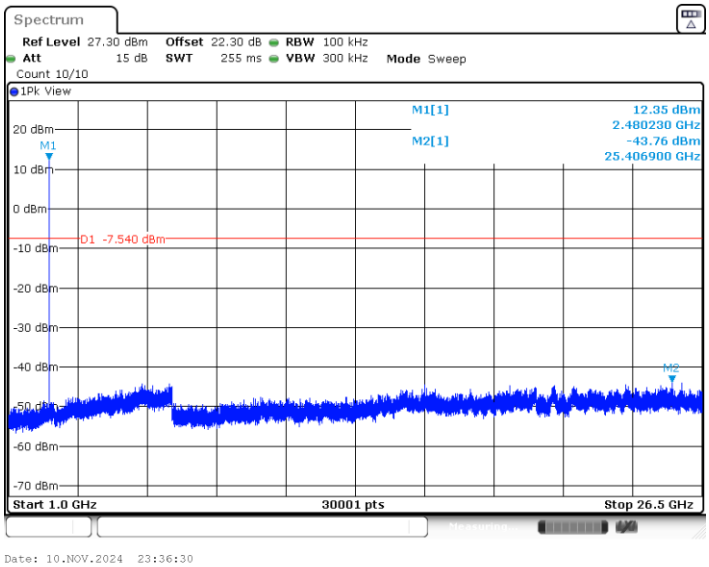


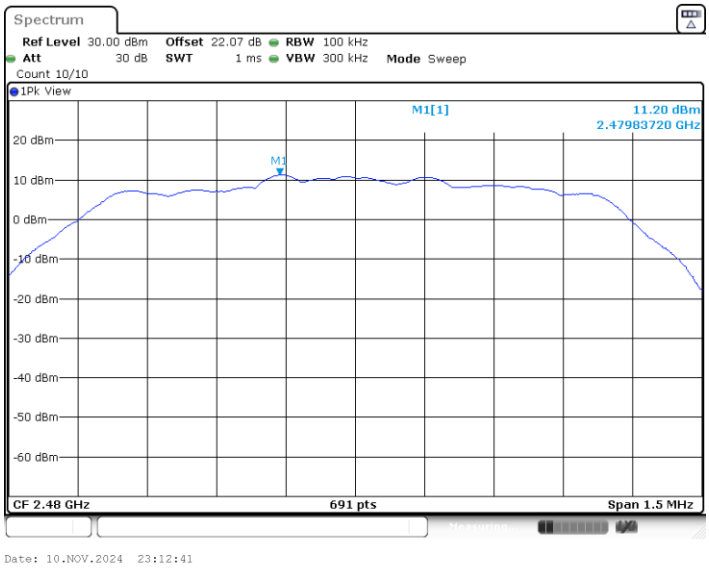
2DH1_Ant7_2441_30~1000


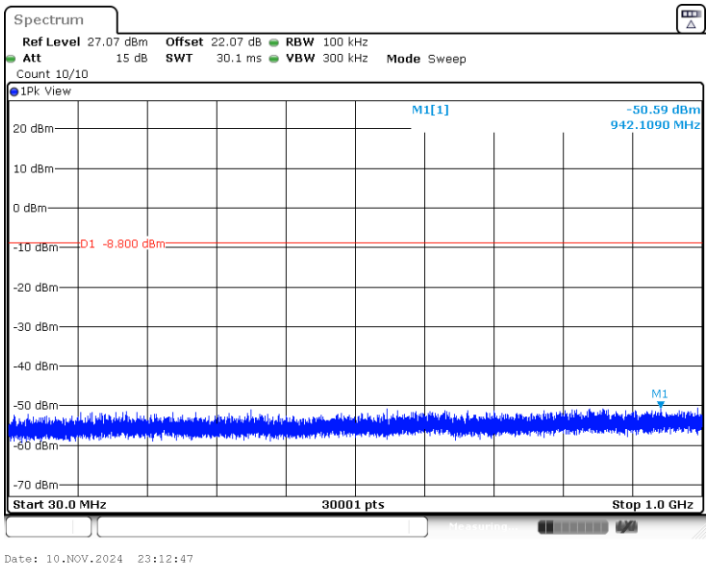
2DH1_Ant7_2441_1000~26500


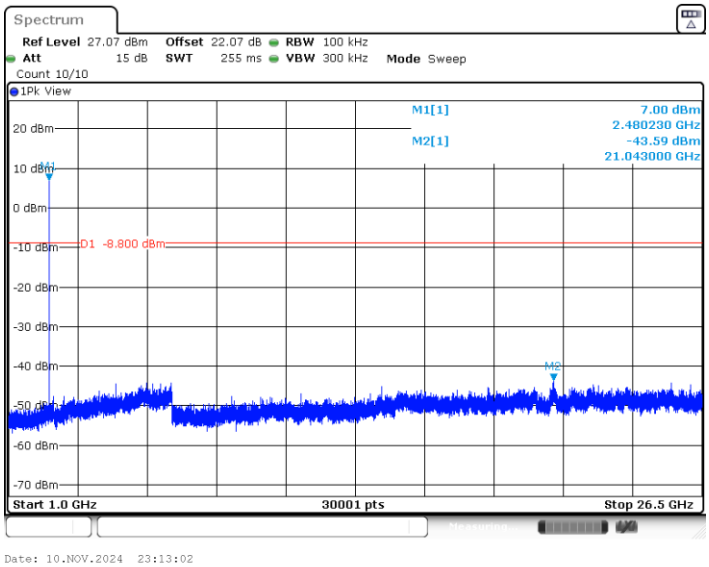
2DH1_Ant15_2480_0~Reference


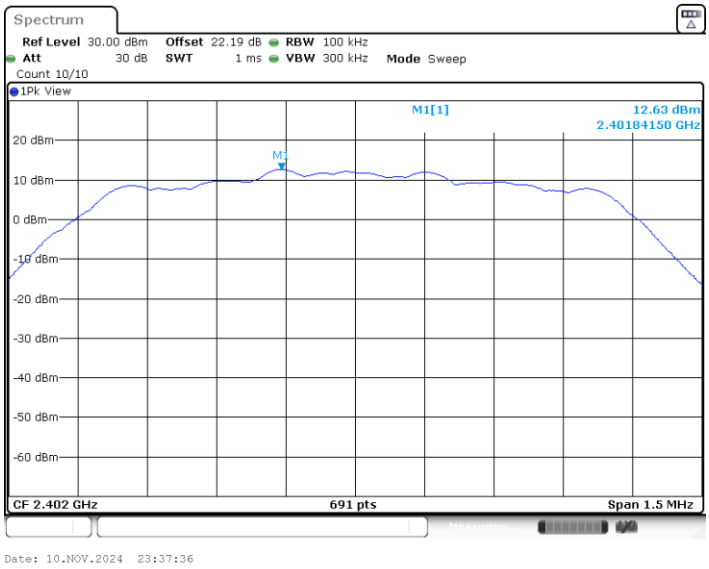
2DH1_Ant15_2480_30~1000


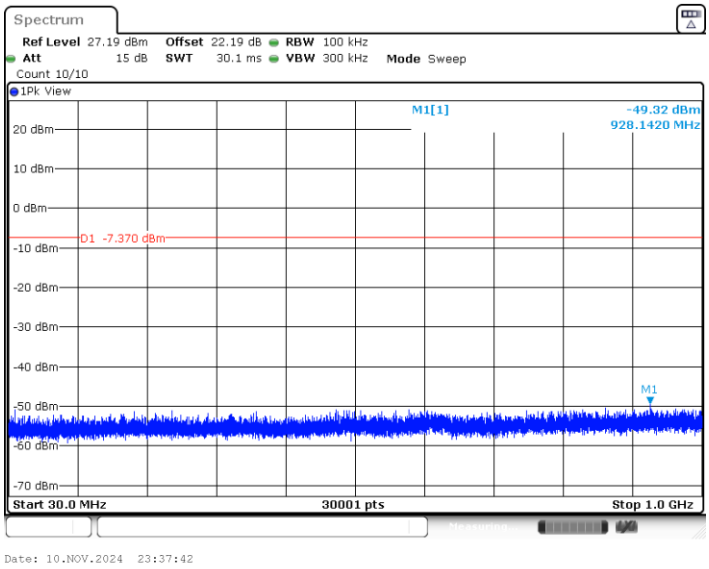
2DH1_Ant15_2480_1000~26500


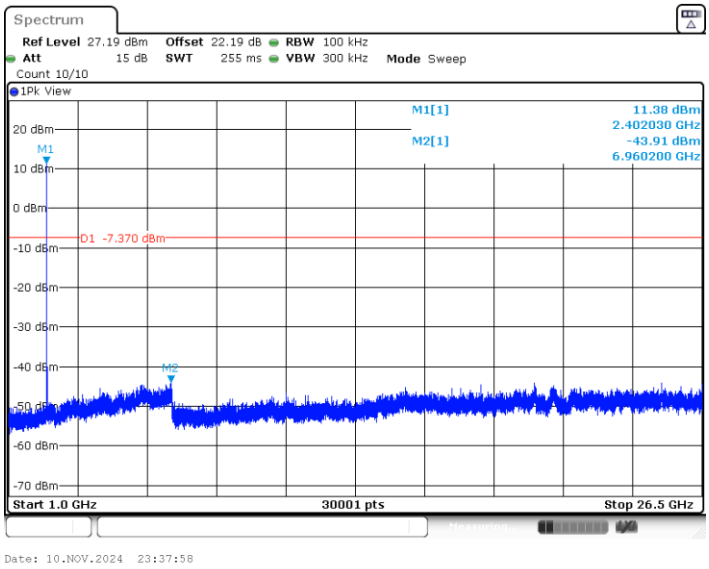
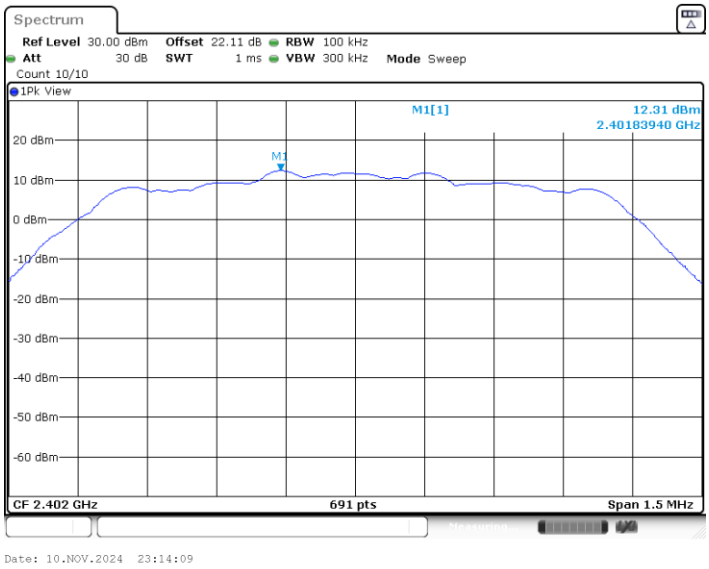
2DH1_Ant7_2480_0~Reference


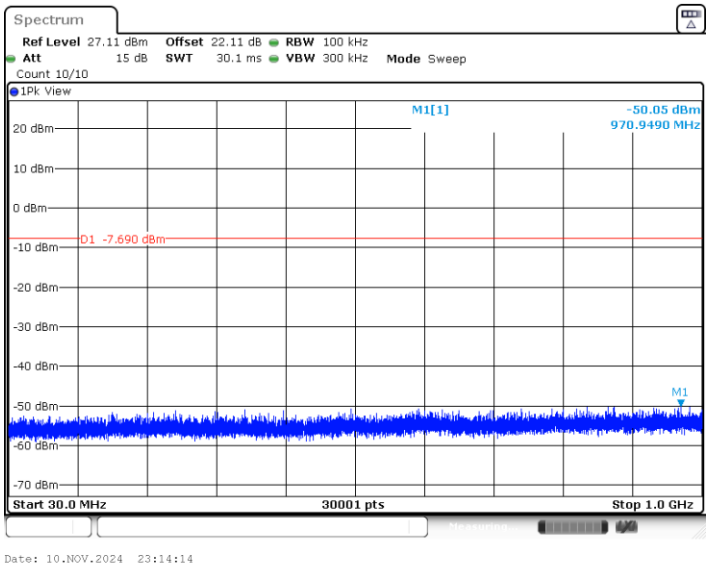
2DH1_Ant7_2480_30~1000


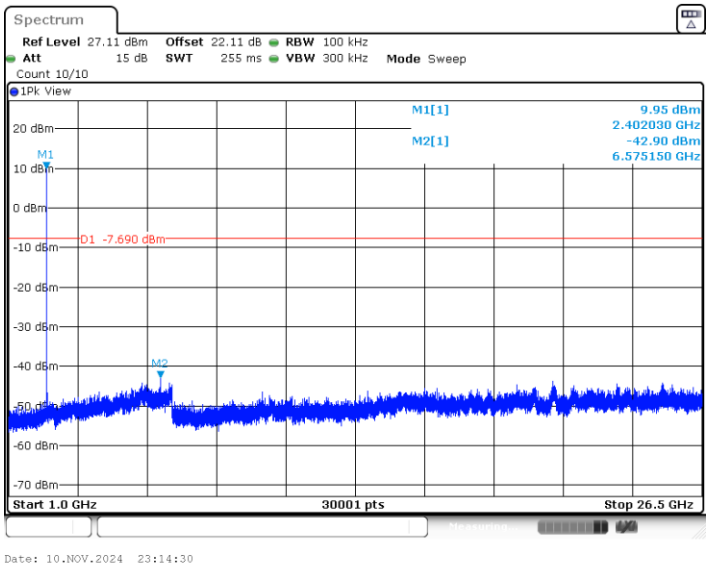
2DH1_Ant7_2480_1000~26500


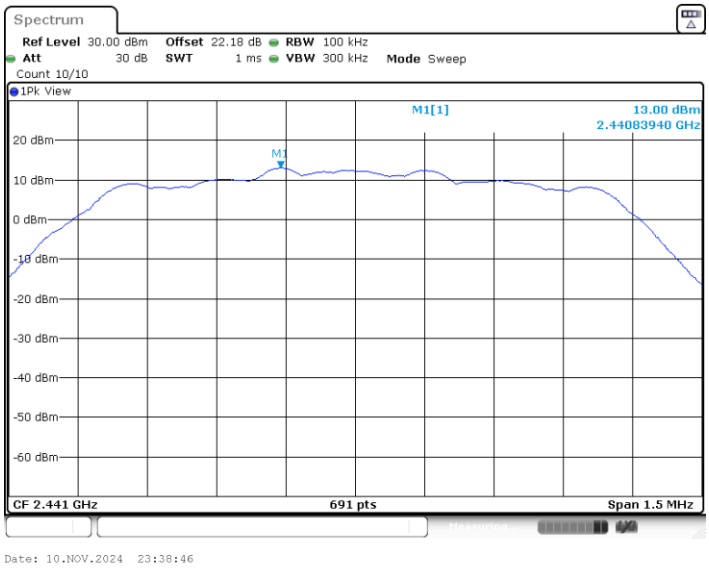
3DH1_Ant15_2402_0~Reference


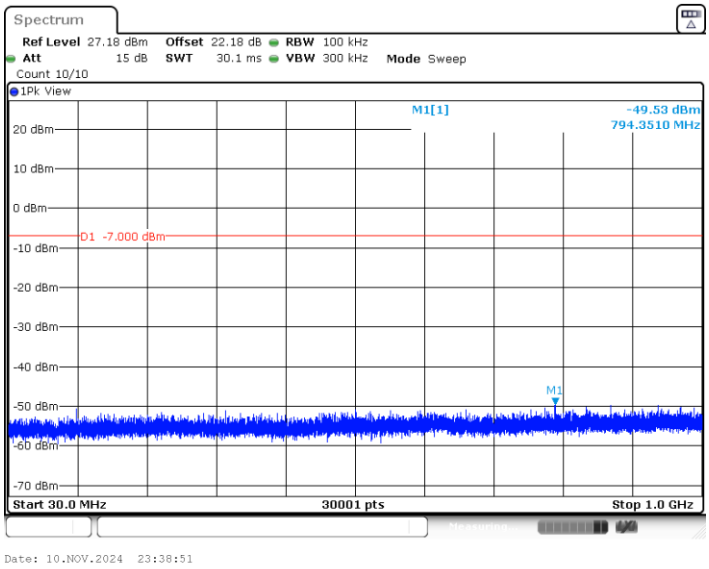
3DH1_Ant15_2402_30~1000


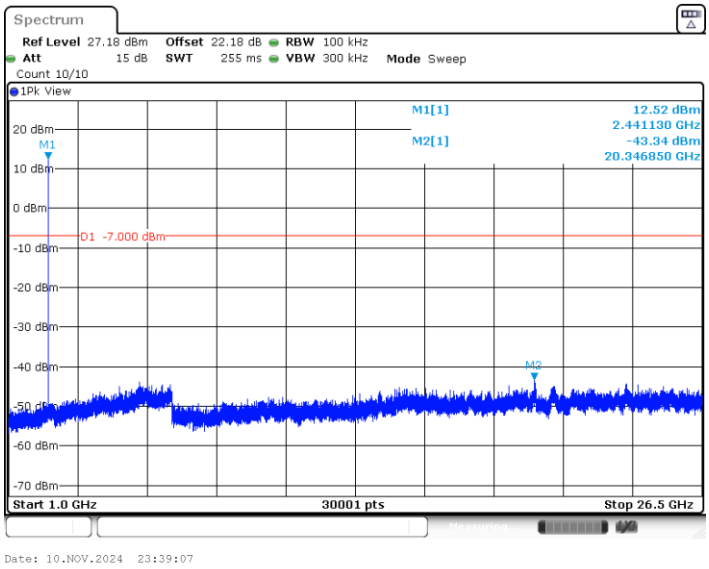
3DH1_Ant15_2402_1000~26500

3DH1_Ant7_2402_0~Reference


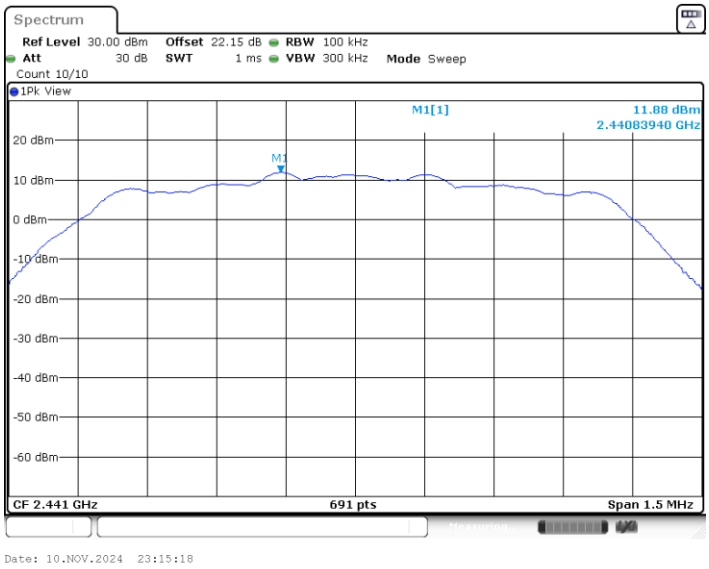
3DH1_Ant7_2402_30~1000


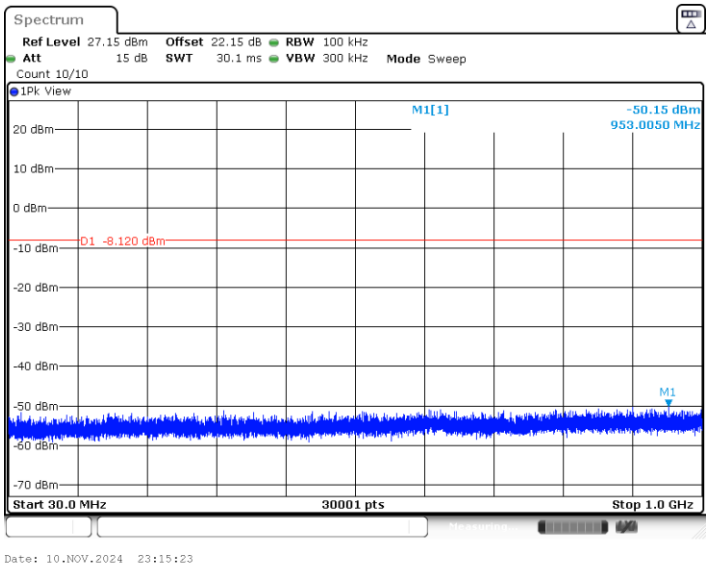
3DH1_Ant7_2402_1000~26500


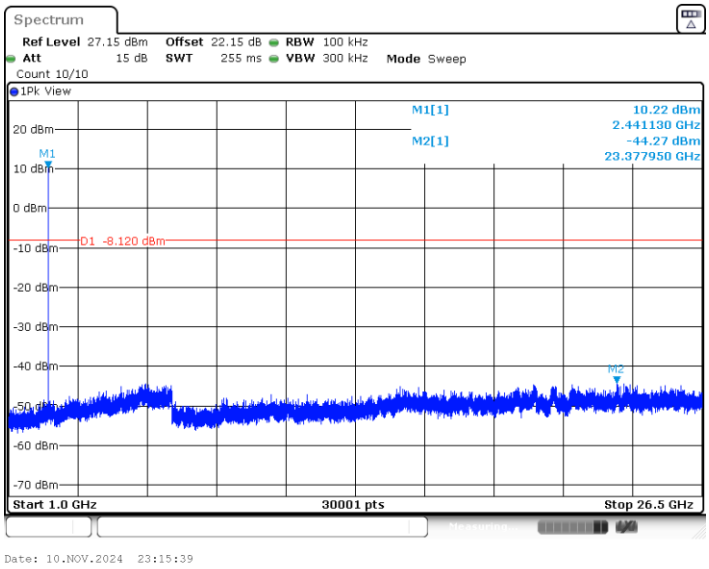
3DH1_Ant15_2441_0~Reference


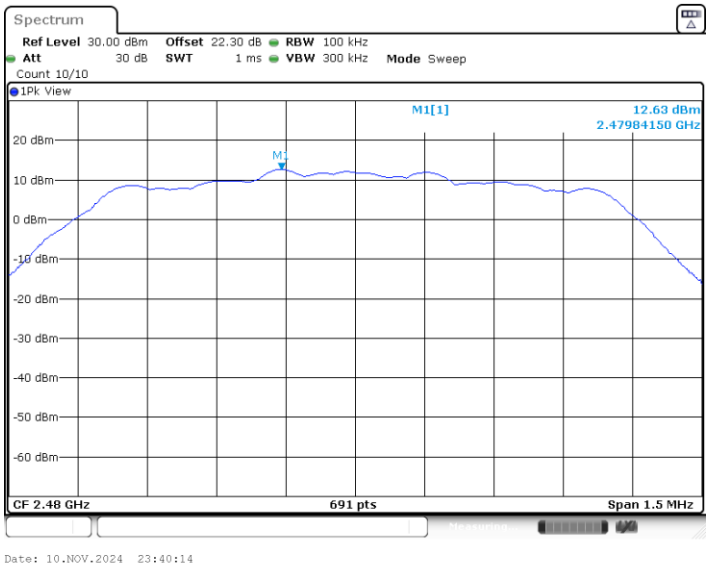
3DH1_Ant15_2441_30~1000


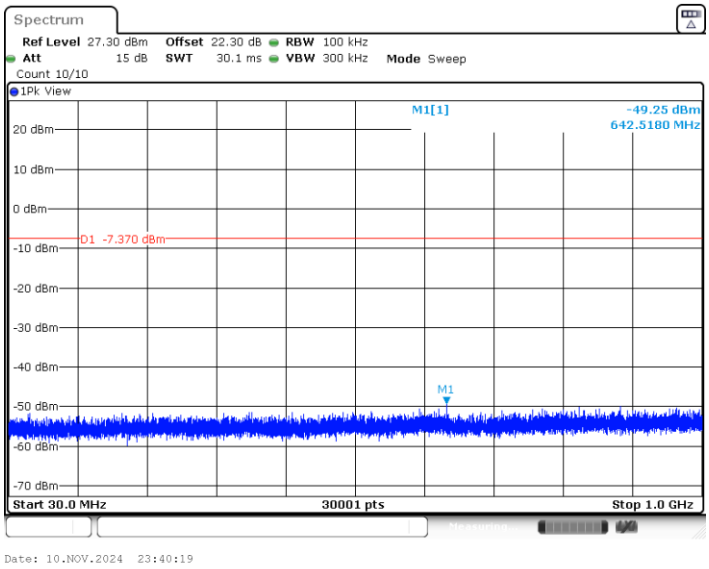
3DH1_Ant15_2441_1000~26500


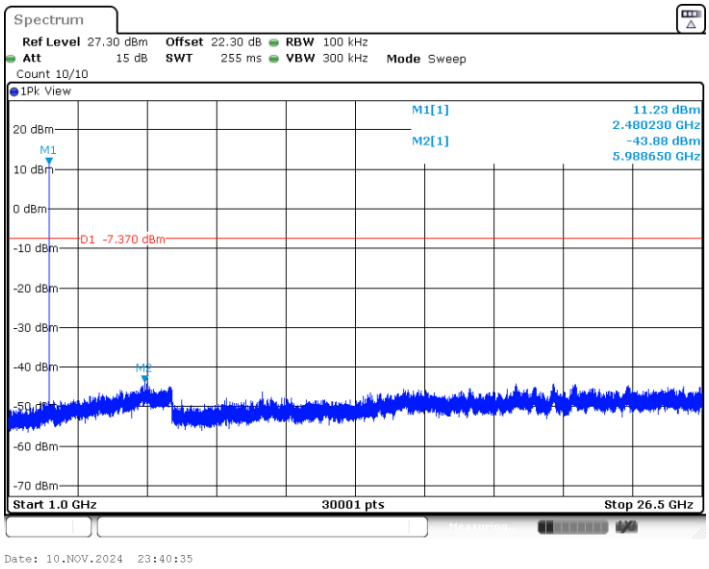
3DH1_Ant7_2441_0~Reference


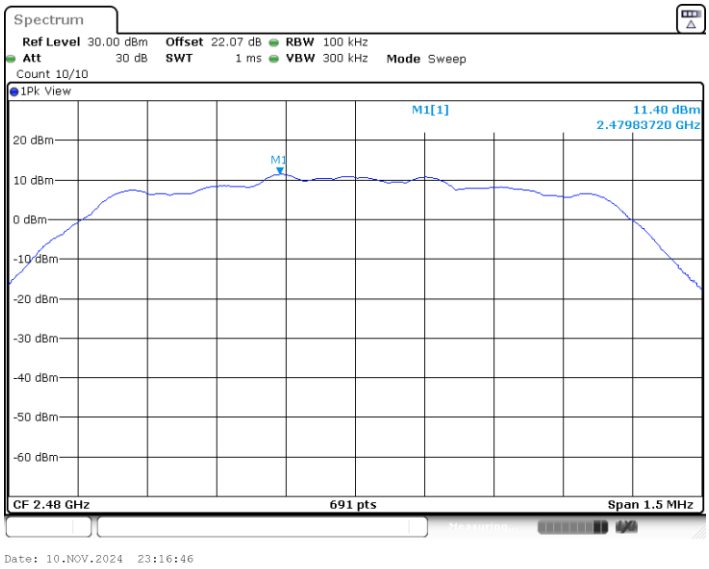
3DH1_Ant7_2441_30~1000


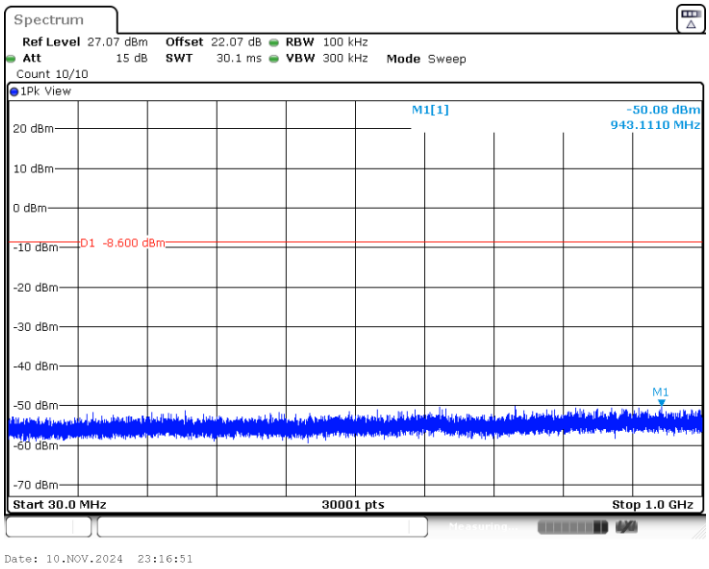
3DH1_Ant7_2441_1000~26500


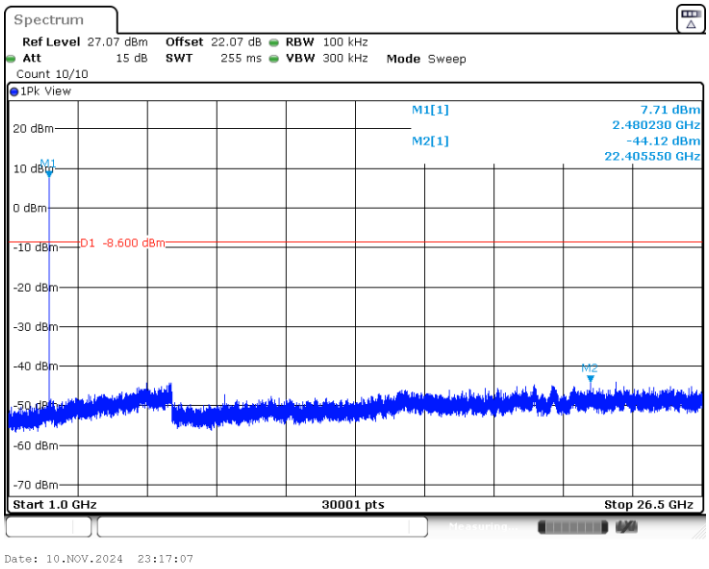
3DH1_Ant15_2480_0~Reference


3DH1_Ant15_2480_30~1000


3DH1_Ant15_2480_1000~26500


3DH1_Ant7_2480_0~Reference


3DH1_Ant7_2480_30~1000


3DH1_Ant7_2480_1000~26500


MIMO MODE

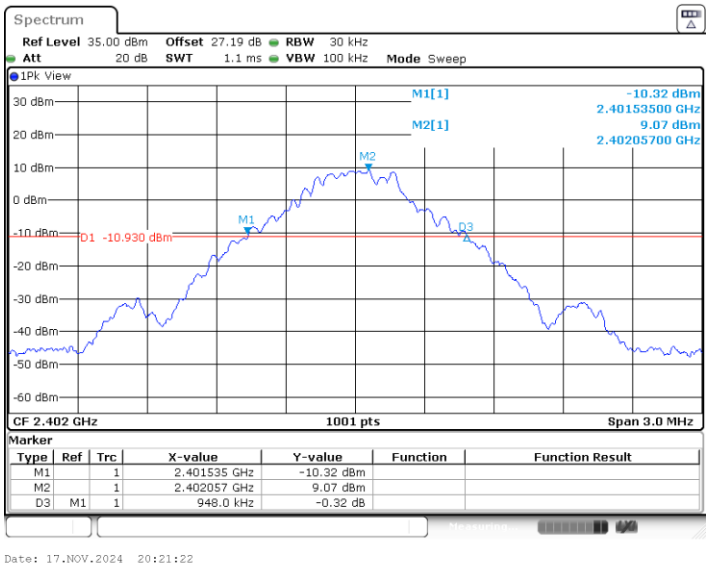
20dB Emission Bandwidth

Test Result

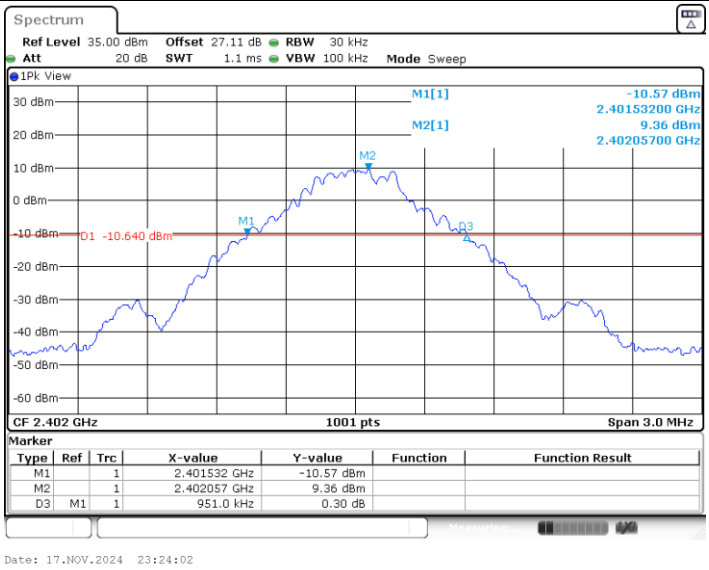
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant15	2402	0.95	2401.54	2402.48	---	---
	Ant7	2402	0.95	2401.53	2402.48	---	---
	Ant15	2441	0.95	2440.54	2441.48	---	---
	Ant7	2441	0.95	2440.54	2441.48	---	---
	Ant15	2480	0.95	2479.53	2480.48	---	---
	Ant7	2480	0.95	2479.53	2480.48	---	---
2DH1	Ant15	2402	1.31	2401.33	2402.64	---	---
	Ant7	2402	1.30	2401.34	2402.64	---	---
	Ant15	2441	1.30	2440.34	2441.64	---	---
	Ant7	2441	1.31	2440.33	2441.64	---	---
	Ant15	2480	1.30	2479.34	2480.64	---	---
	Ant7	2480	1.30	2479.34	2480.64	---	---
3DH1	Ant15	2402	1.26	2401.37	2402.63	---	---
	Ant7	2402	1.26	2401.37	2402.63	---	---
	Ant15	2441	1.27	2440.37	2441.64	---	---
	Ant7	2441	1.27	2440.37	2441.64	---	---
	Ant15	2480	1.27	2479.37	2480.64	---	---
	Ant7	2480	1.27	2479.37	2480.64	---	---

Test Graphs

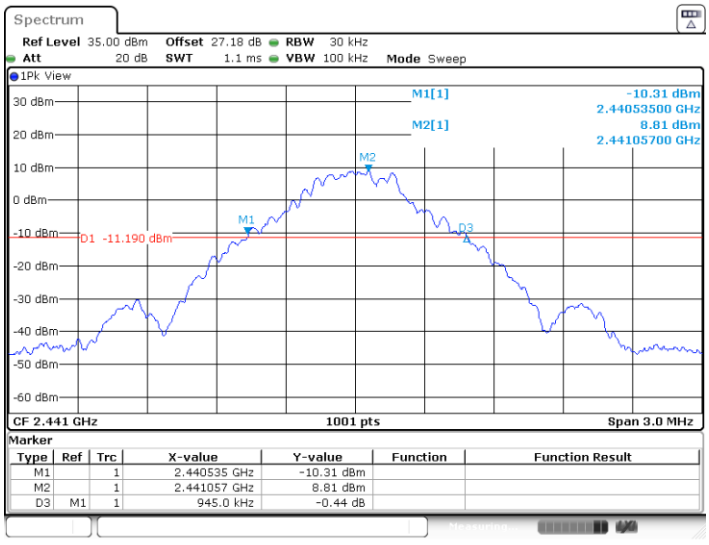
DH5_Ant15_2402



DH5_Ant7_2402

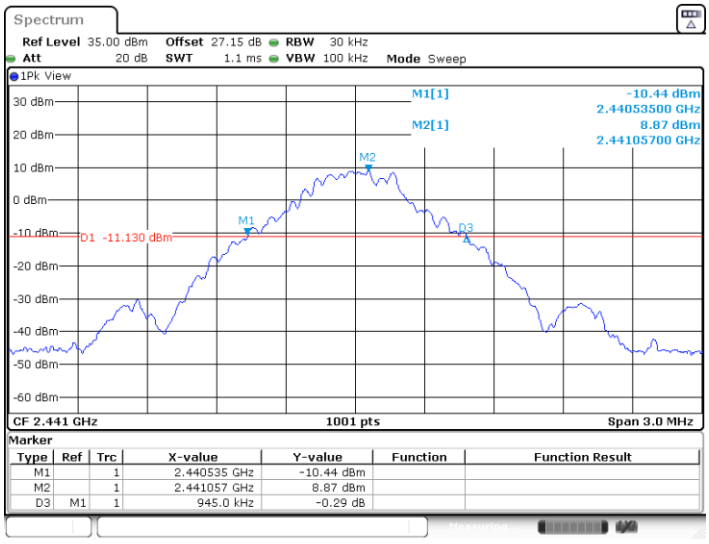


DH5_Ant15_2441



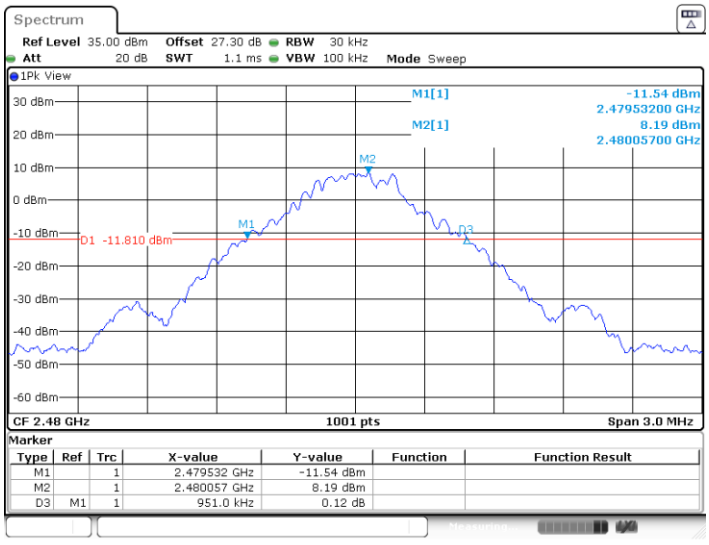
Date: 17.NOV.2024 20:25:54

DH5_Ant7_2441



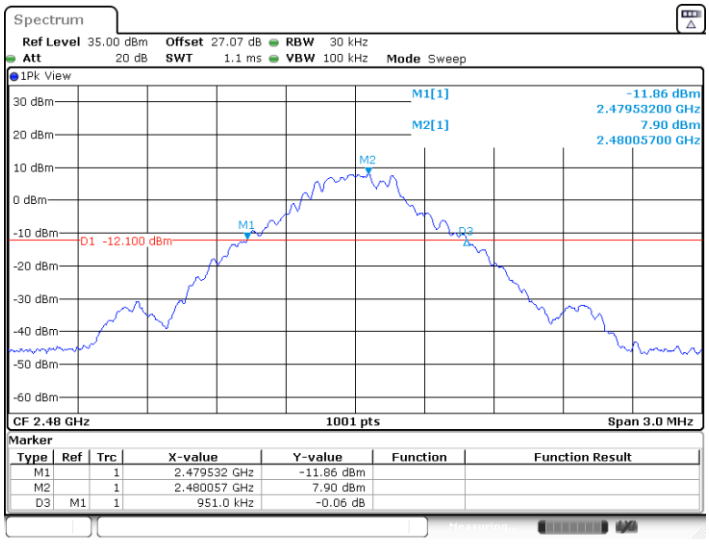
Date: 17.NOV.2024 23:27:07

DH5_Ant15_2480

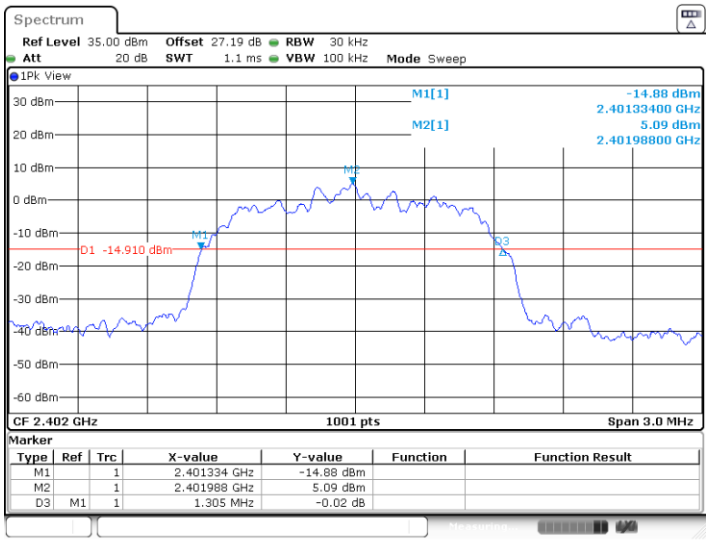


Date: 17.NOV.2024 20:27:00

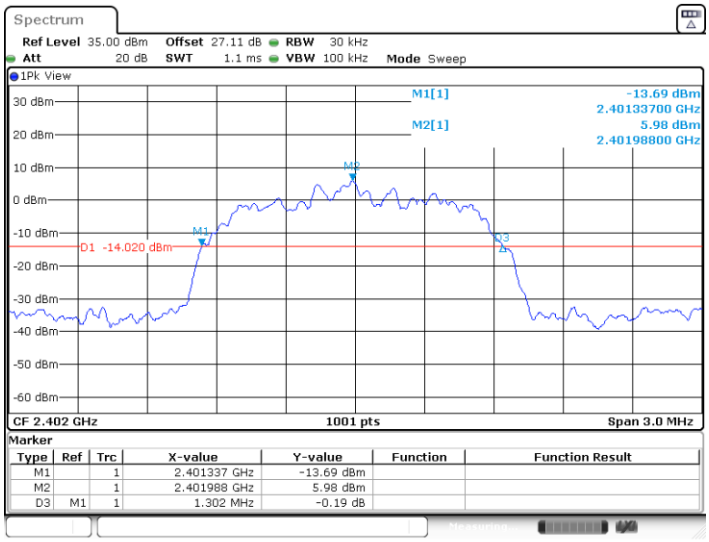
DH5_Ant7_2480



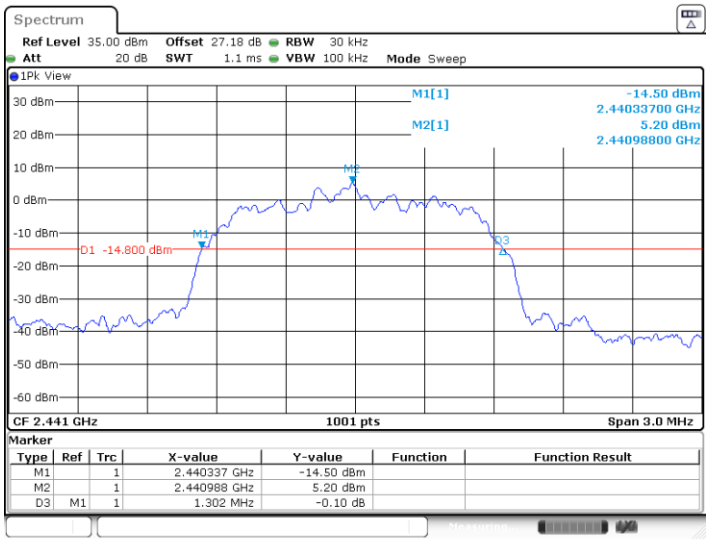
Date: 17.NOV.2024 23:29:23

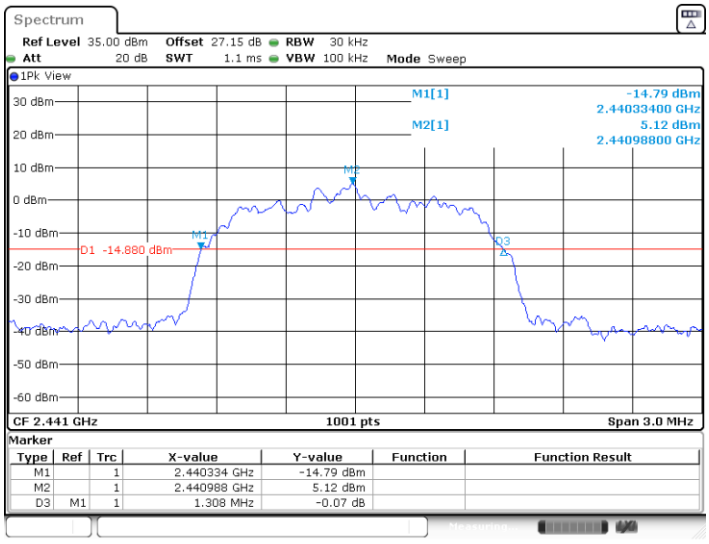
2DH1_Ant15_2402


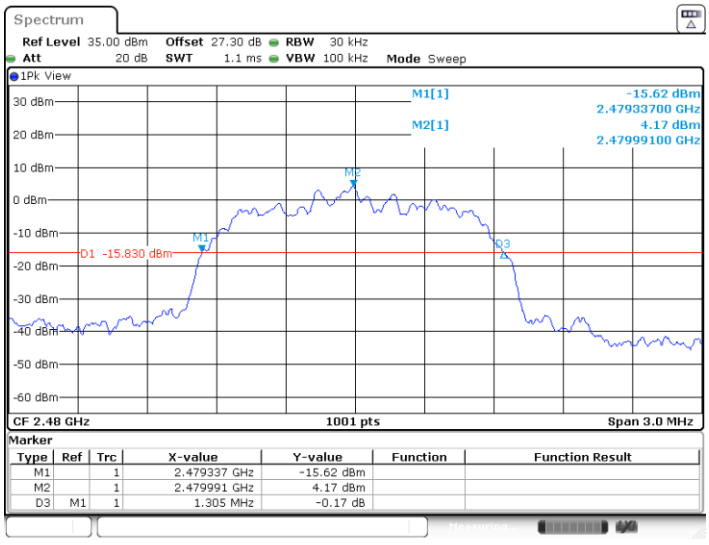
Date: 17.NOV.2024 20:33:51

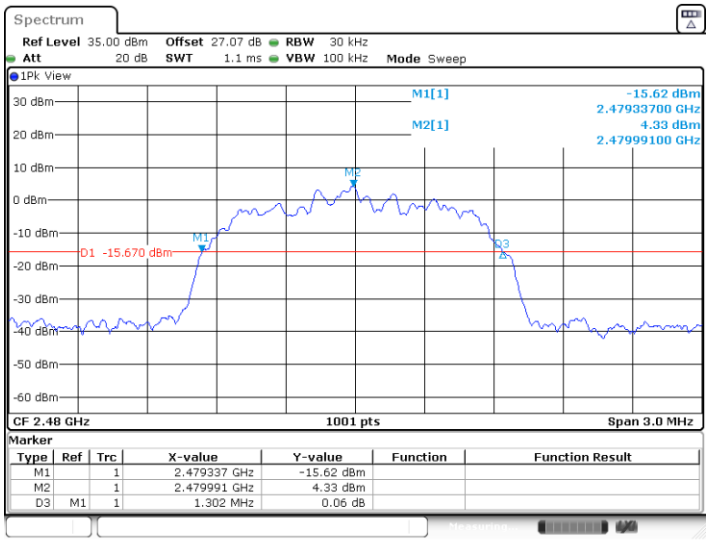
2DH1_Ant7_2402


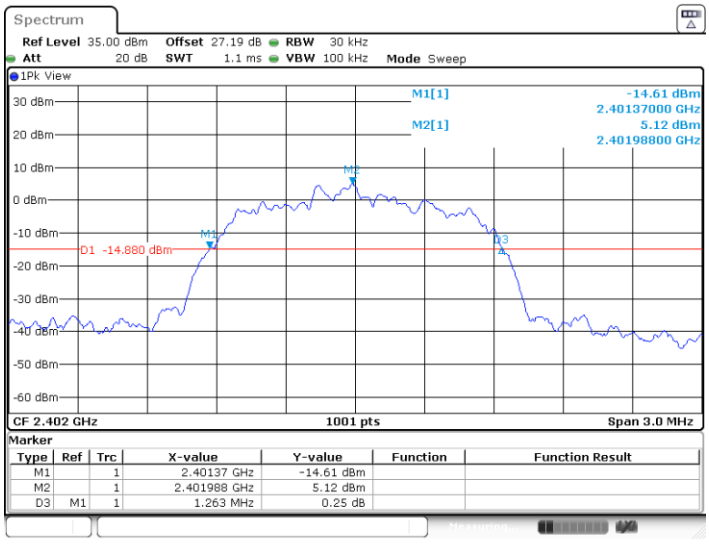
Date: 17.NOV.2024 23:31:08

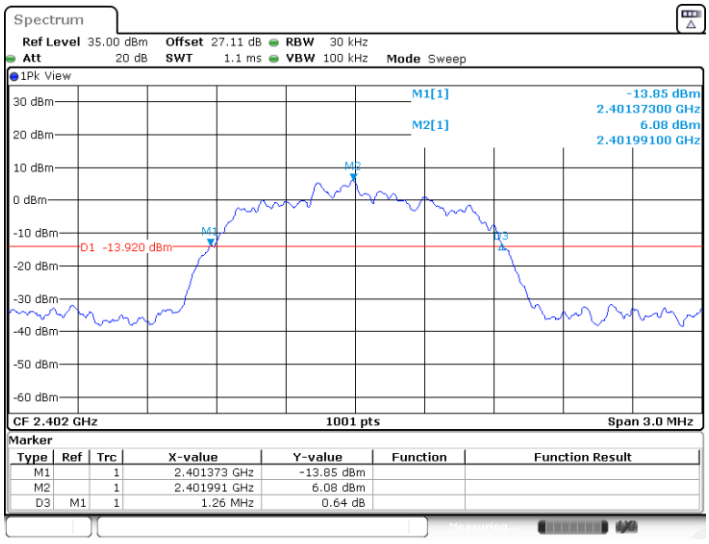
2DH1_Ant15_2441


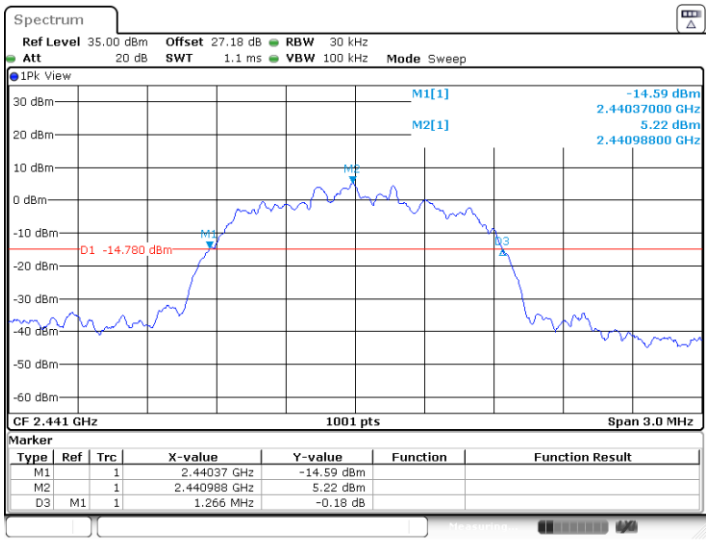
2DH1_Ant7_2441


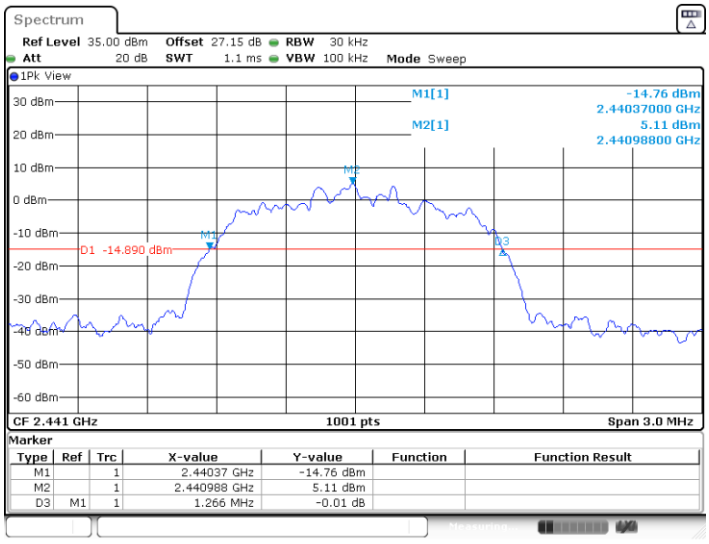
2DH1_Ant15_2480


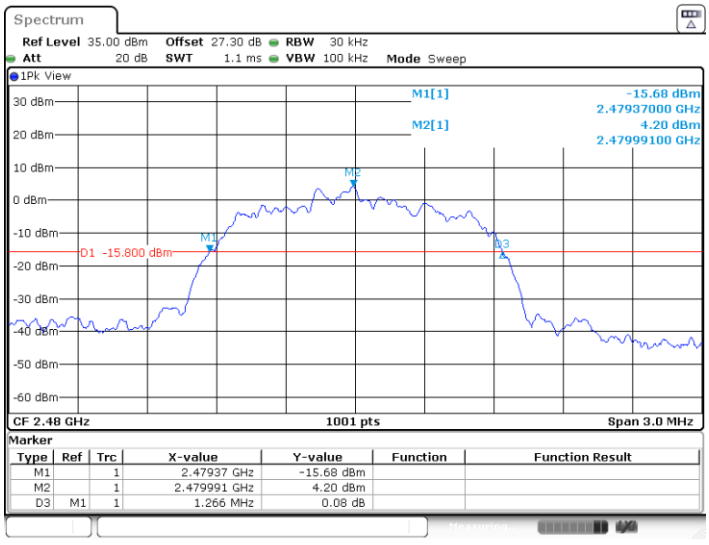
2DH1_Ant7_2480


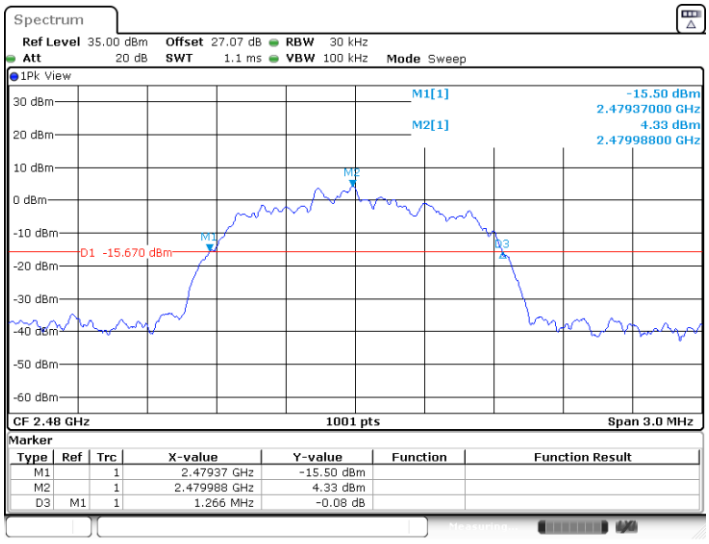
3DH1_Ant15_2402


3DH1_Ant7_2402


3DH1_Ant15_2441


3DH1_Ant7_2441


3DH1_Ant15_2480


3DH1_Ant7_2480


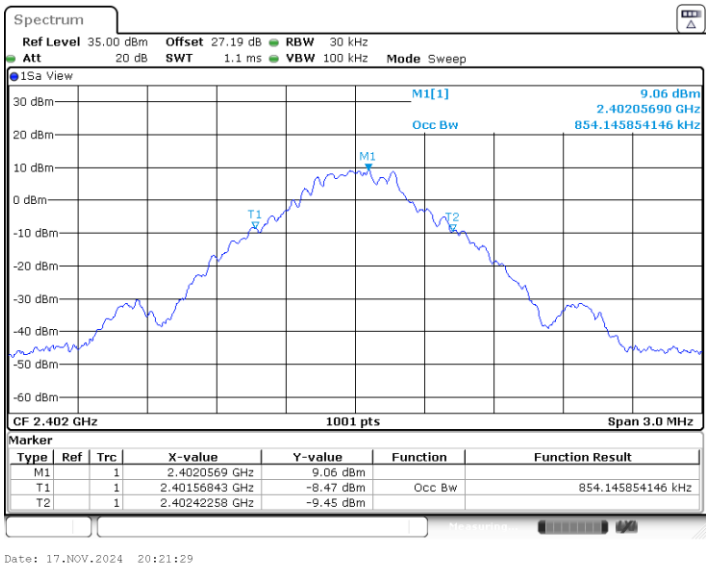
Occupied Channel Bandwidth

Test Result

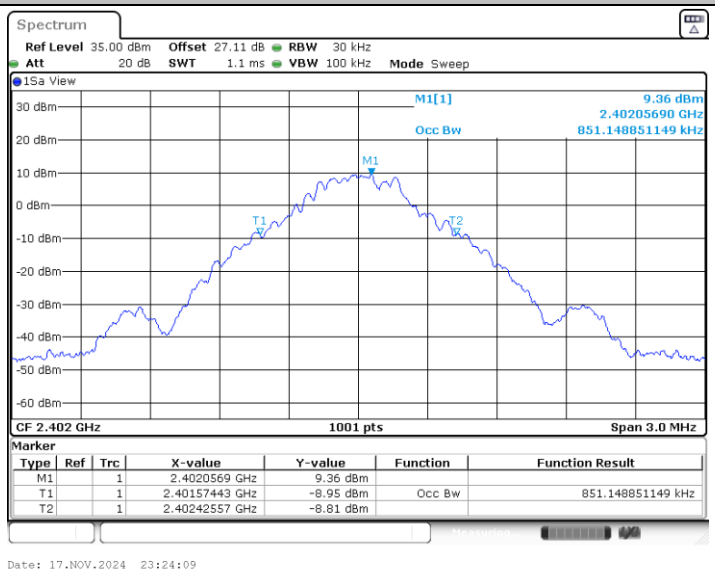
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant15	2402	0.854	2401.5684	2402.4226	---	---
	Ant7	2402	0.851	2401.5744	2402.4256	---	---
	Ant15	2441	0.848	2440.5714	2441.4196	---	---
	Ant7	2441	0.848	2440.5714	2441.4196	---	---
	Ant15	2480	0.854	2479.5714	2480.4256	---	---
	Ant7	2480	0.86	2479.5684	2480.4286	---	---
2DH1	Ant15	2402	1.169	2401.4066	2402.5754	---	---
	Ant7	2402	1.172	2401.4066	2402.5784	---	---
	Ant15	2441	1.169	2440.4066	2441.5754	---	---
	Ant7	2441	1.169	2440.4066	2441.5754	---	---
	Ant15	2480	1.169	2479.4066	2480.5754	---	---
	Ant7	2480	1.169	2479.4066	2480.5754	---	---
3DH1	Ant15	2402	1.157	2401.4306	2402.5874	---	---
	Ant7	2402	1.16	2401.4336	2402.5934	---	---
	Ant15	2441	1.154	2440.4336	2441.5874	---	---
	Ant7	2441	1.154	2440.4336	2441.5874	---	---
	Ant15	2480	1.154	2479.4336	2480.5874	---	---
	Ant7	2480	1.16	2479.4306	2480.5904	---	---

Test Graphs

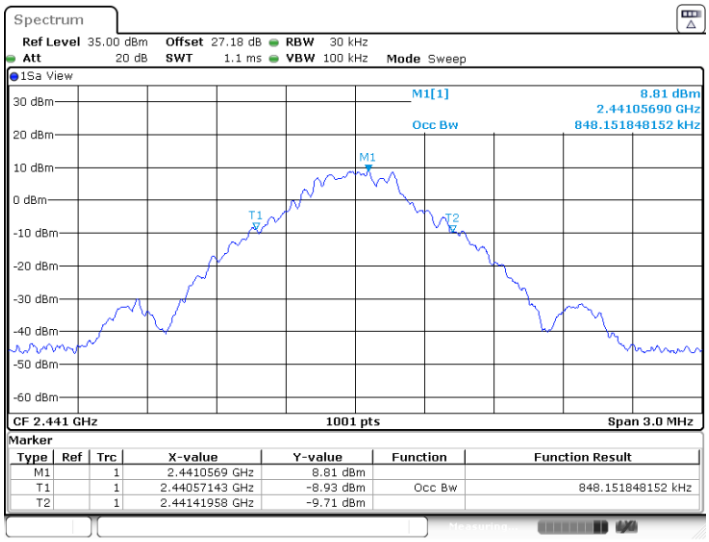
DH5_Ant15_2402



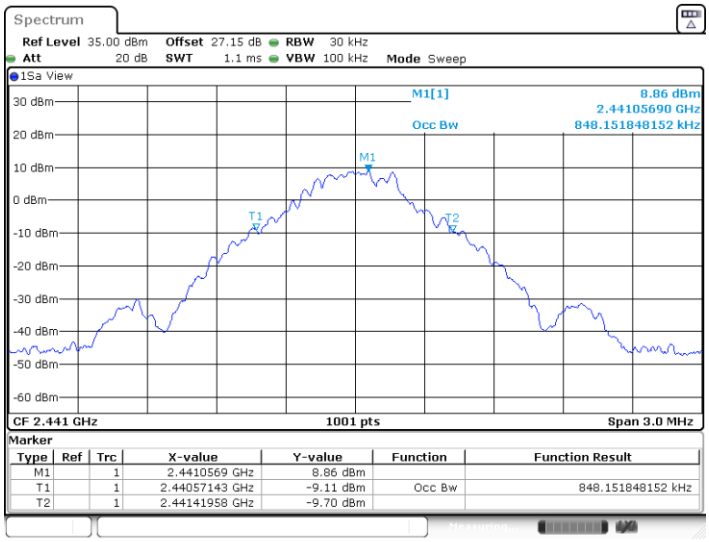
DH5_Ant7_2402



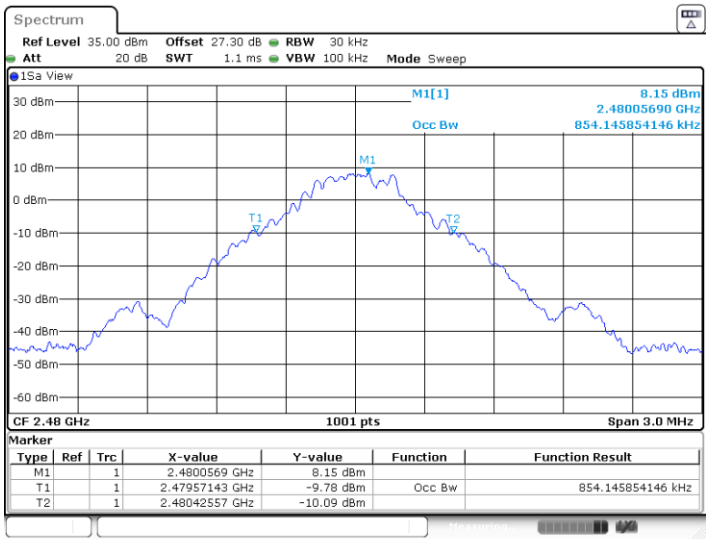
DH5_Ant15_2441



DH5_Ant7_2441

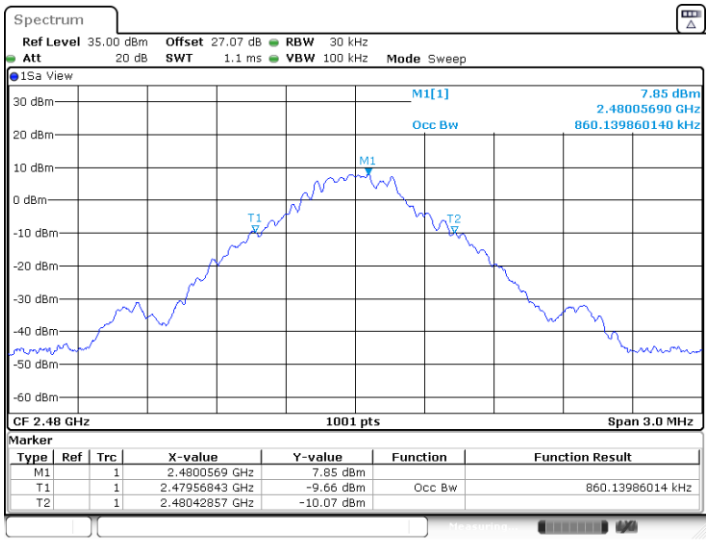


DH5_Ant15_2480

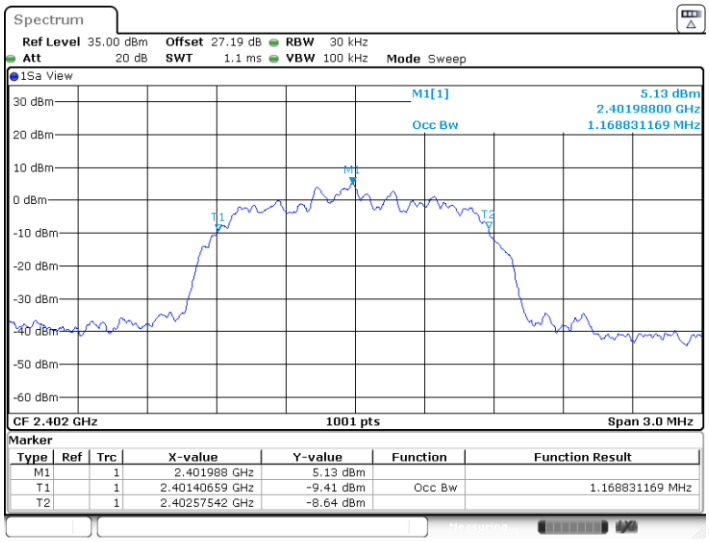


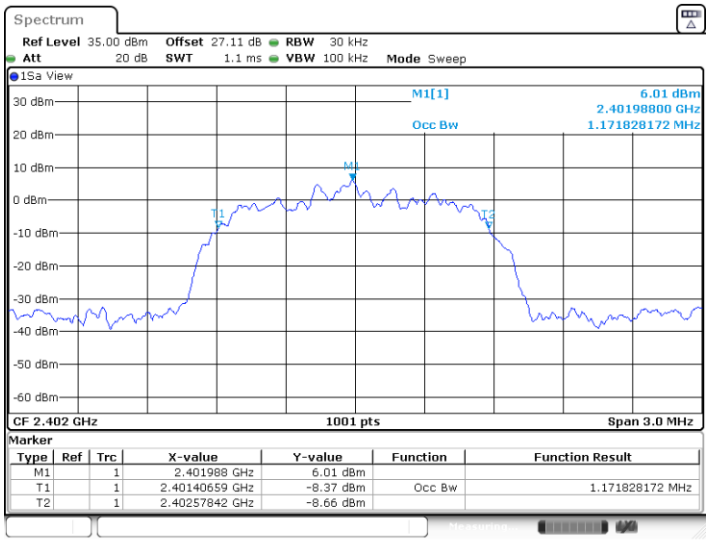
Date: 17.NOV.2024 20:27:11

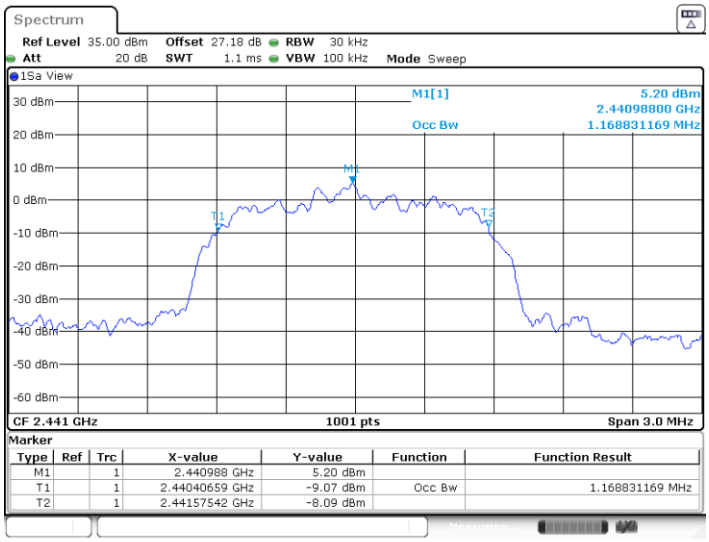
DH5_Ant7_2480

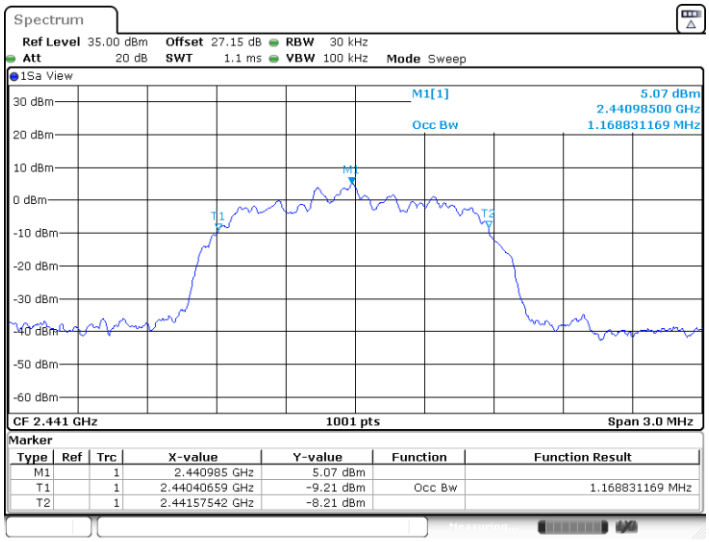


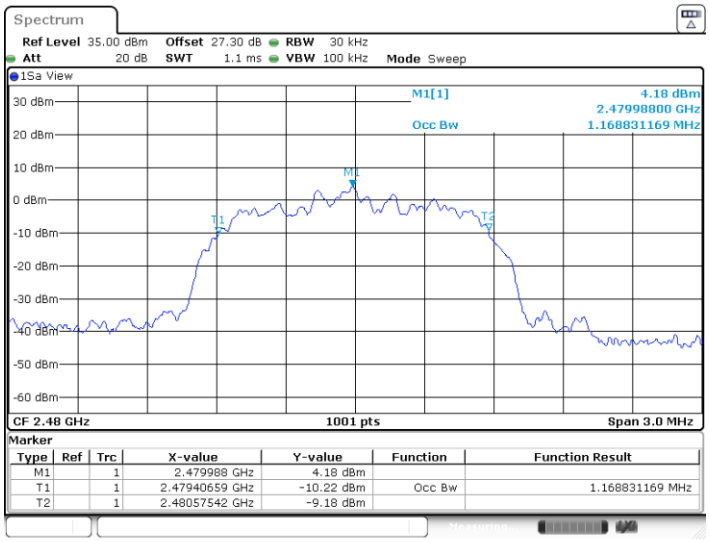
Date: 17.NOV.2024 23:29:34

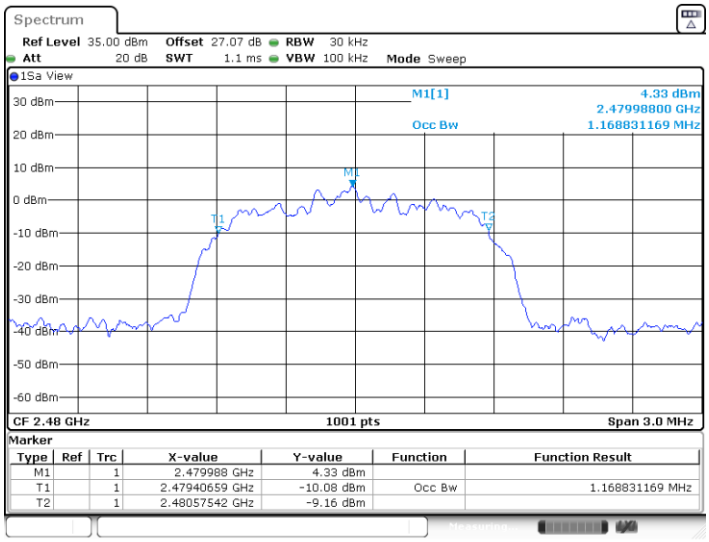
2DH1_Ant15_2402


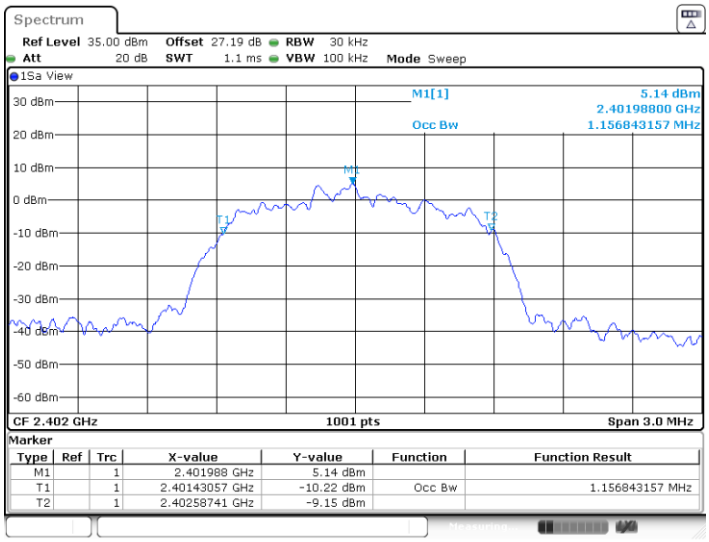
2DH1_Ant7_2402


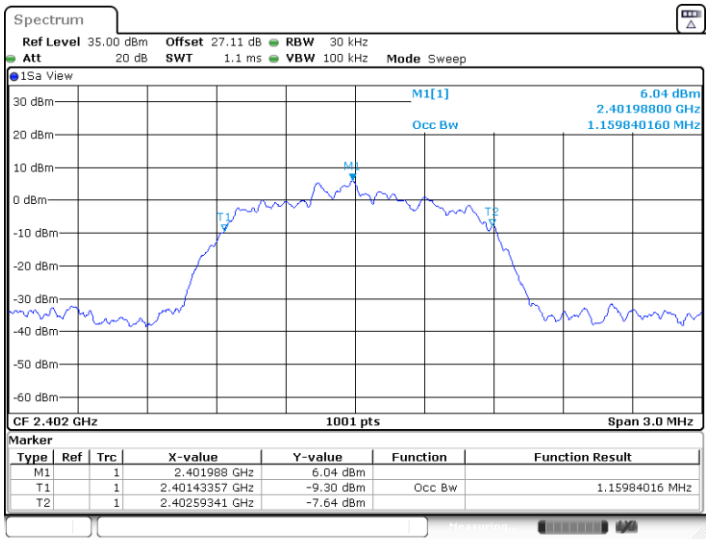
2DH1_Ant15_2441


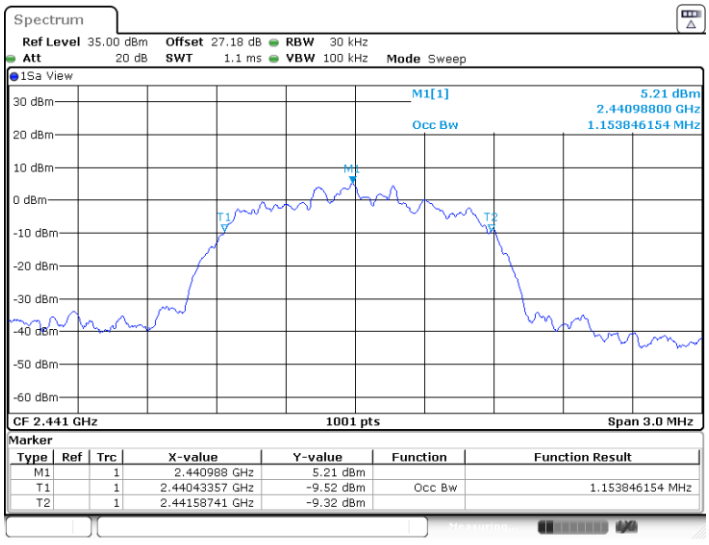
2DH1_Ant7_2441


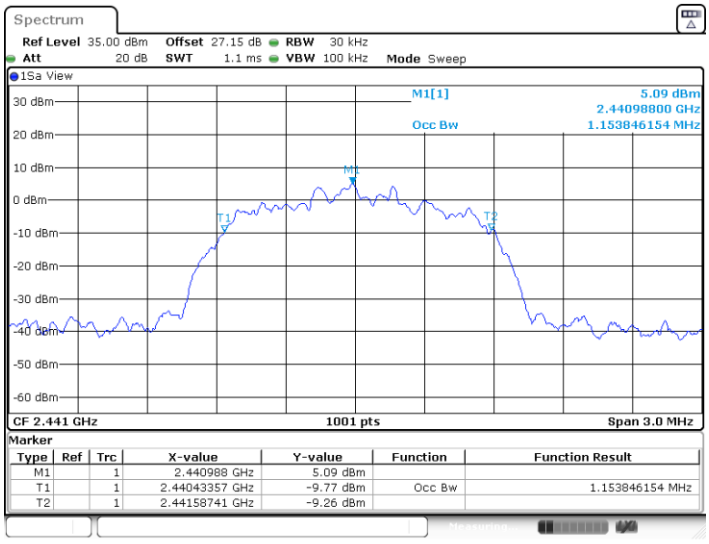
2DH1_Ant15_2480


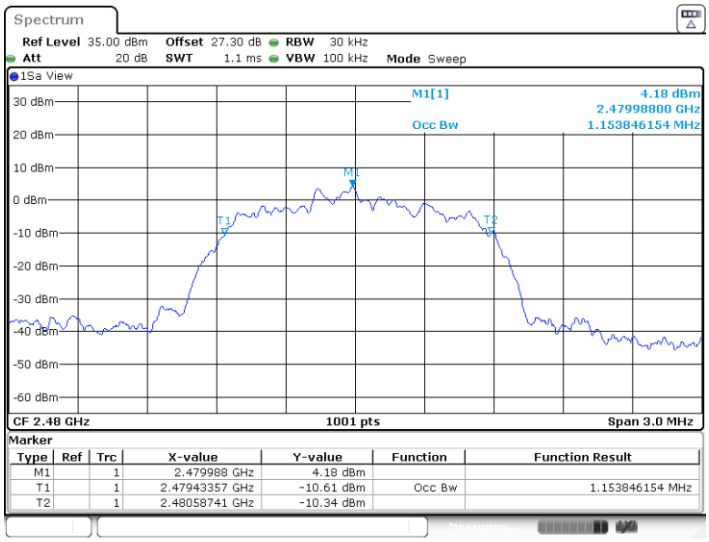
2DH1_Ant7_2480


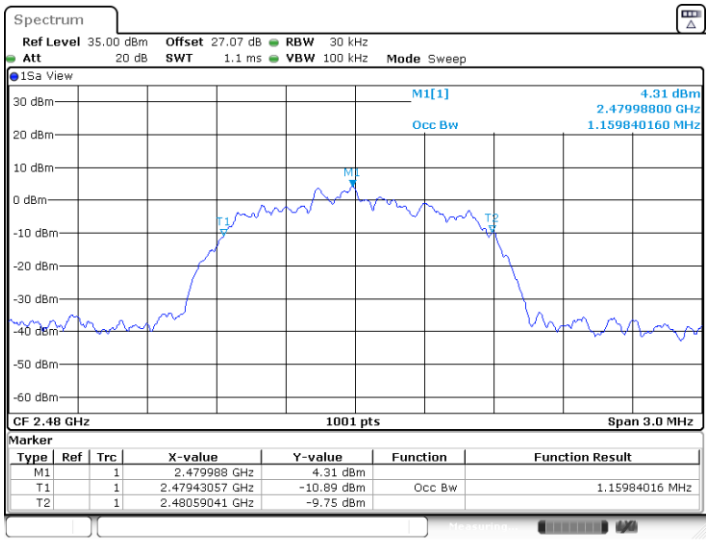
3DH1_Ant15_2402


3DH1_Ant7_2402


3DH1_Ant15_2441


3DH1_Ant7_2441


3DH1_Ant15_2480


3DH1_Ant7_2480


Maximum conducted output power

Test Result Peak

TestMode	Antenna	CH.	Peak Power (dBm)	Power Limit (dBm)	Pass/Fail
DH5	Ant15	0	11.16	20.97	Pass
		39	**11.83**	20.97	Pass
		78	11.57	20.97	Pass
2DH1	Ant15	0	9.57	20.97	Pass
		39	**10.43**	20.97	Pass
		78	9.93	20.97	Pass
3DH1	Ant15	0	10.17	20.97	Pass
		39	**11.04**	20.97	Pass
		78	10.63	20.97	Pass
DH5	Ant7	0	**12.48**	20.97	Pass
		39	12.03	20.97	Pass
		78	12.17	20.97	Pass
2DH1	Ant7	0	**11.37**	20.97	Pass
		39	10.42	20.97	Pass
		78	10.58	20.97	Pass
3DH1	Ant7	0	**11.86**	20.97	Pass
		39	10.99	20.97	Pass
		78	11.13	20.97	Pass
DH5	Ant15+7	0	14.88	20.97	Pass
		39	**14.94**	20.97	Pass
		78	14.89	20.97	Pass
2DH1	Ant15+7	0	**13.57**	20.97	Pass
		39	13.44	20.97	Pass
		78	13.28	20.97	Pass
3DH1	Ant15+7	0	**14.11**	20.97	Pass
		39	14.03	20.97	Pass
		78	13.90	20.97	Pass

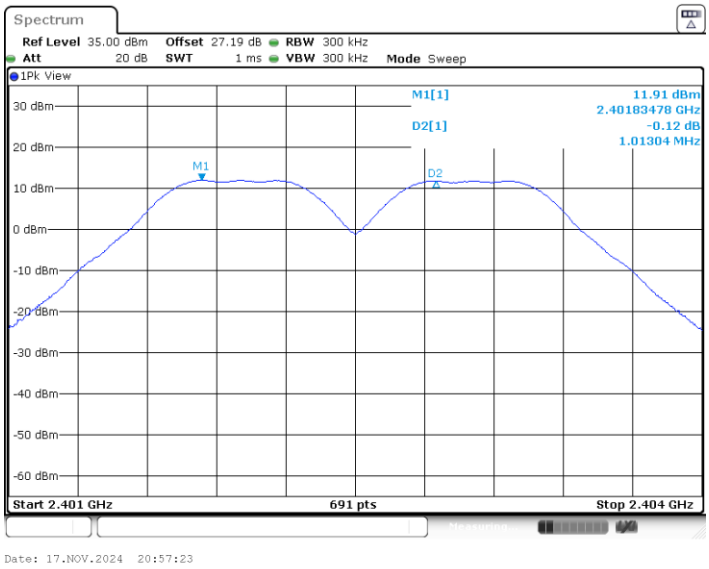
Carrier frequency separation

Test Result

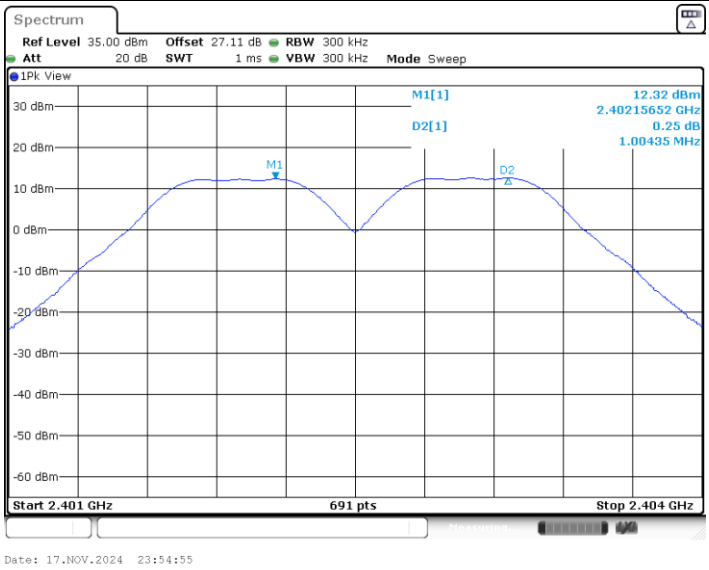
TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant15	2402	1.013	≥0.633	PASS
	Ant7	2402	1.004	≥0.633	PASS
	Ant15	2441	1.152	≥0.633	PASS
	Ant7	2441	0.991	≥0.633	PASS
	Ant15	2480	0.987	≥0.633	PASS
	Ant7	2480	1.000	≥0.633	PASS
2DH1	Ant15	2402	1.009	≥0.873	PASS
	Ant7	2402	1.004	≥0.867	PASS
	Ant15	2441	0.996	≥0.867	PASS
	Ant7	2441	1.130	≥0.873	PASS
	Ant15	2480	1.009	≥0.867	PASS
	Ant7	2480	1.000	≥0.867	PASS
3DH1	Ant15	2402	1.000	≥0.840	PASS
	Ant7	2402	0.996	≥0.847	PASS
	Ant15	2441	0.996	≥0.847	PASS
	Ant7	2441	0.991	≥0.847	PASS
	Ant15	2480	1.000	≥0.847	PASS
	Ant7	2480	0.996	≥0.847	PASS

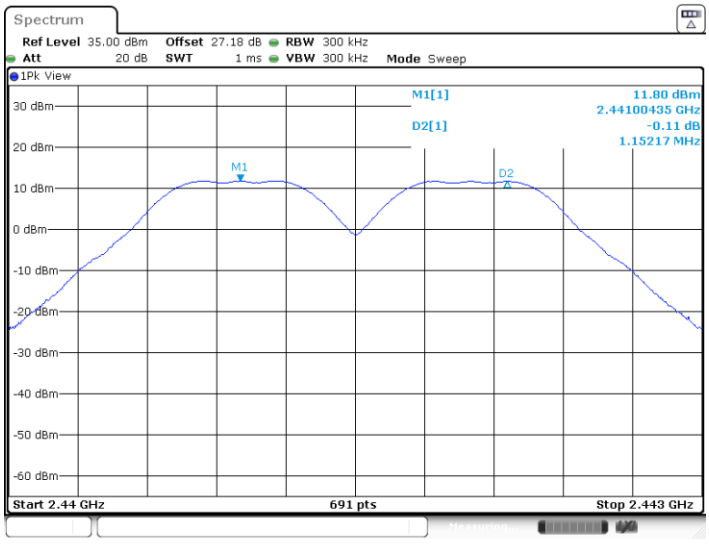
Test Graphs

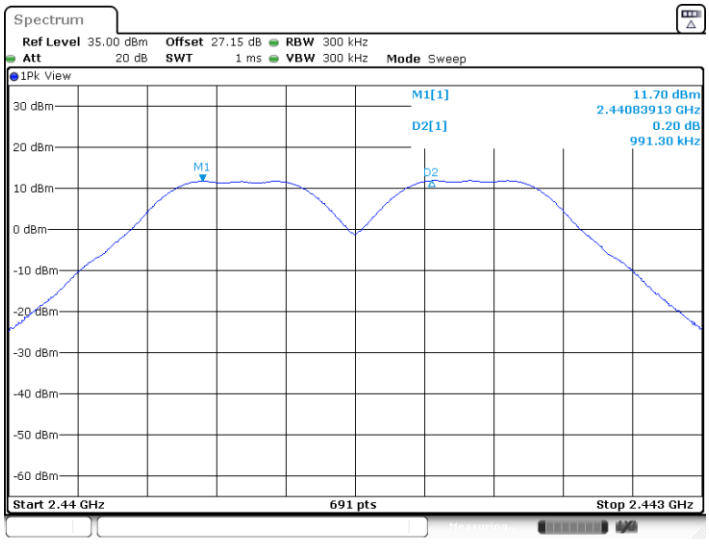
DH5_Ant15_2402

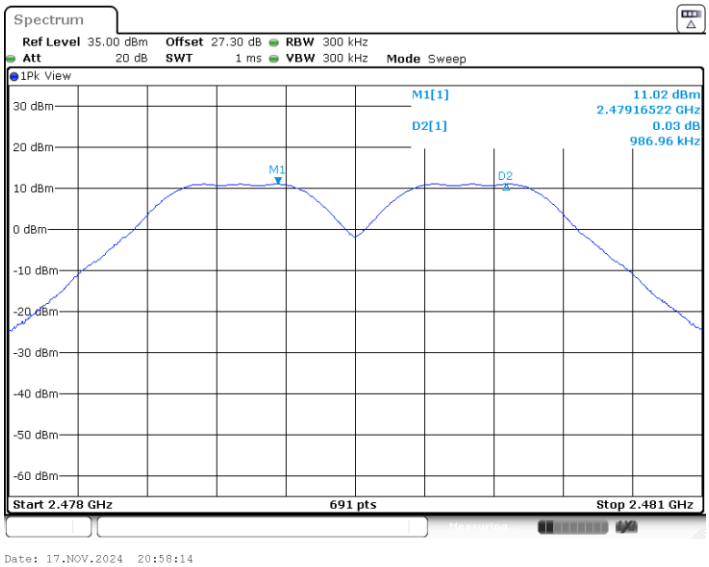


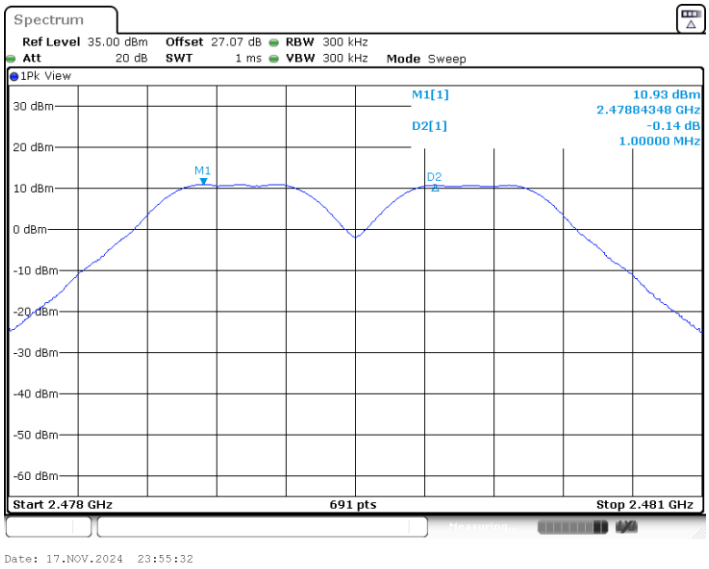
DH5_Ant7_2402

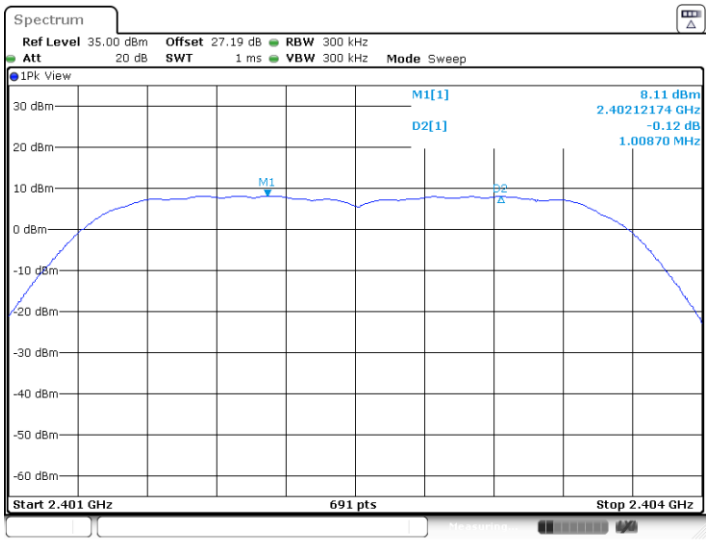
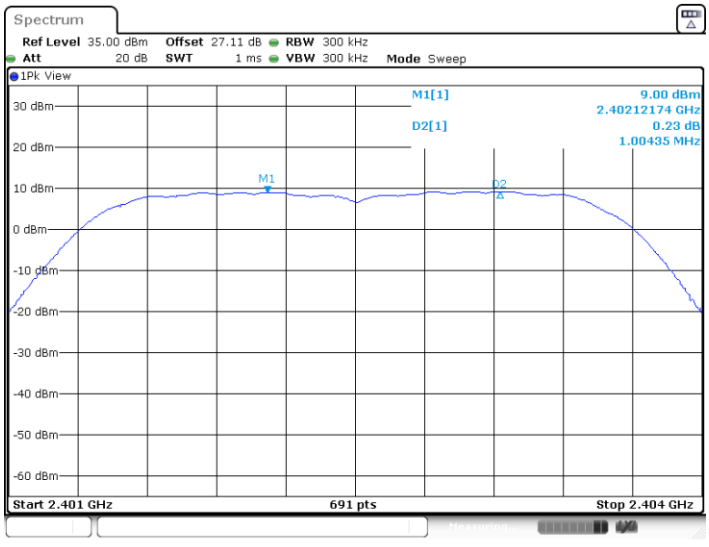


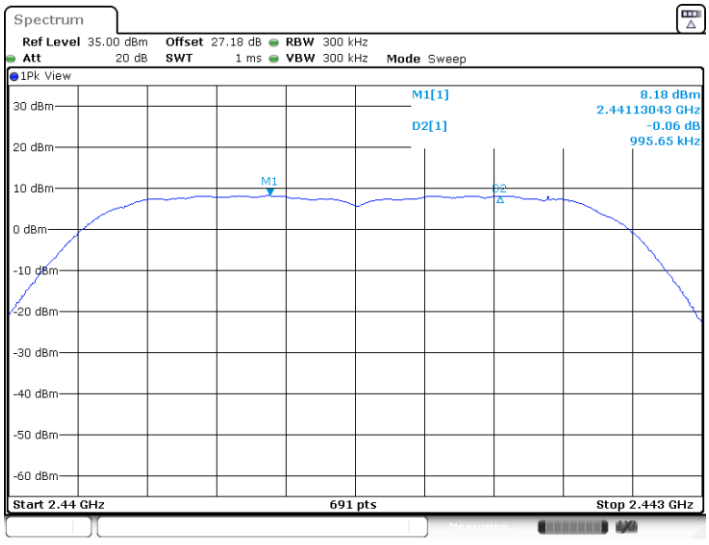
DH5_Ant15_2441


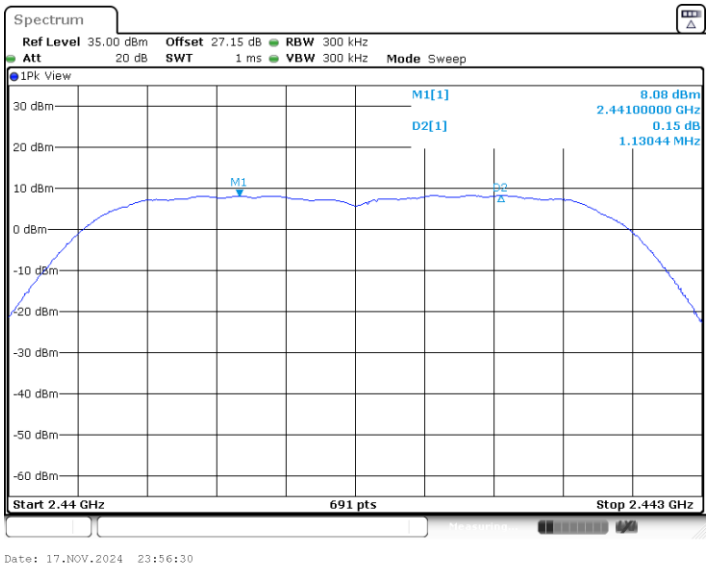
DH5_Ant7_2441


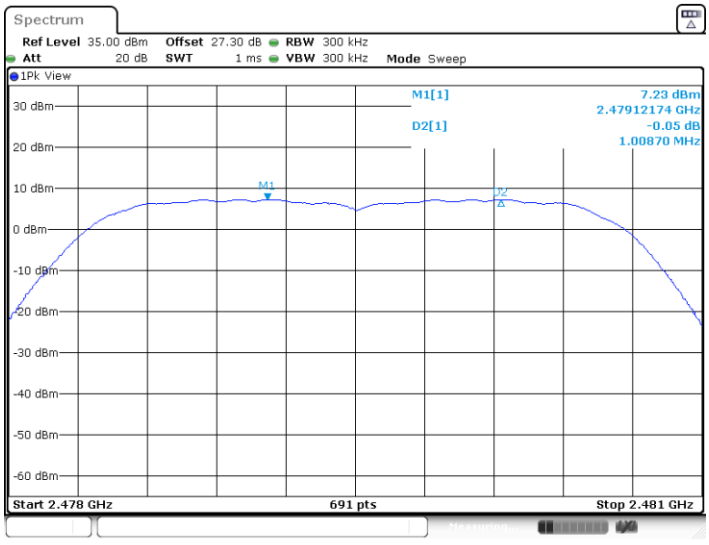
DH5_Ant15_2480


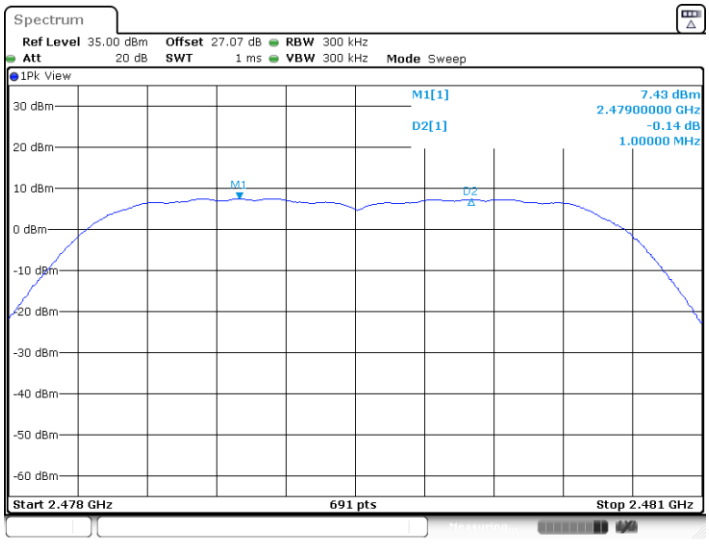
DH5_Ant7_2480


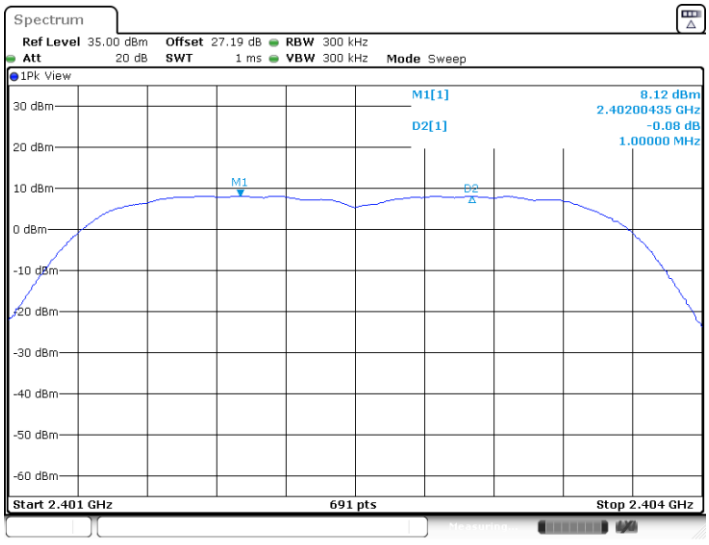
2DH1_Ant15_2402

2DH1_Ant7_2402


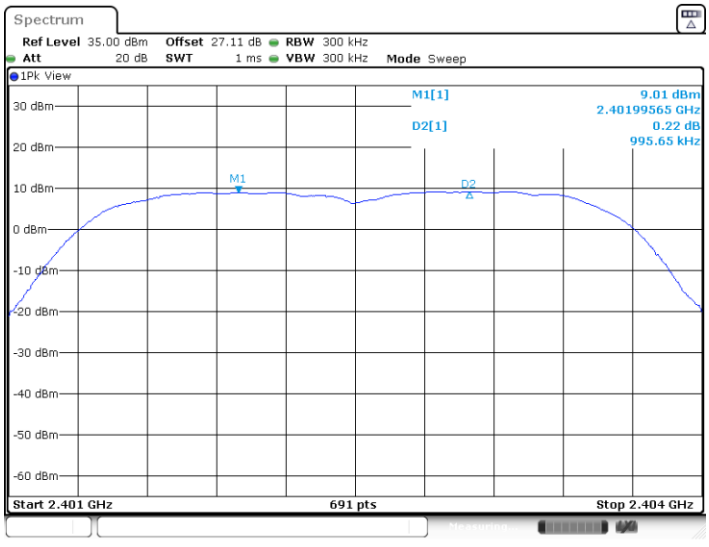
2DH1_Ant15_2441


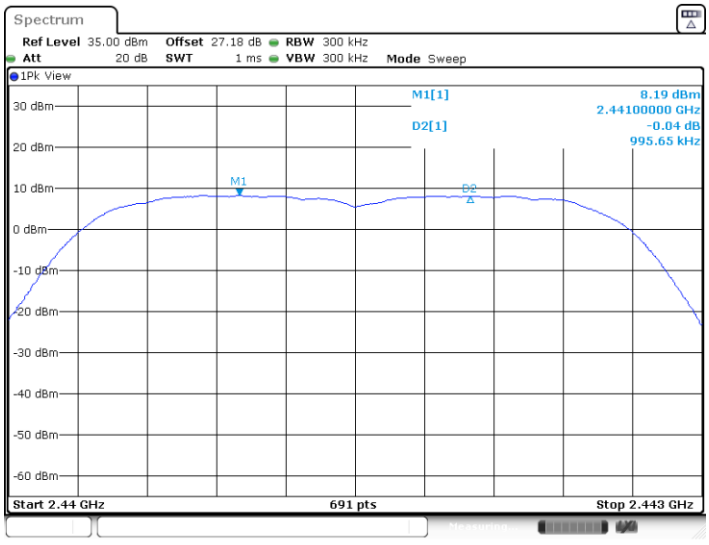
2DH1_Ant7_2441


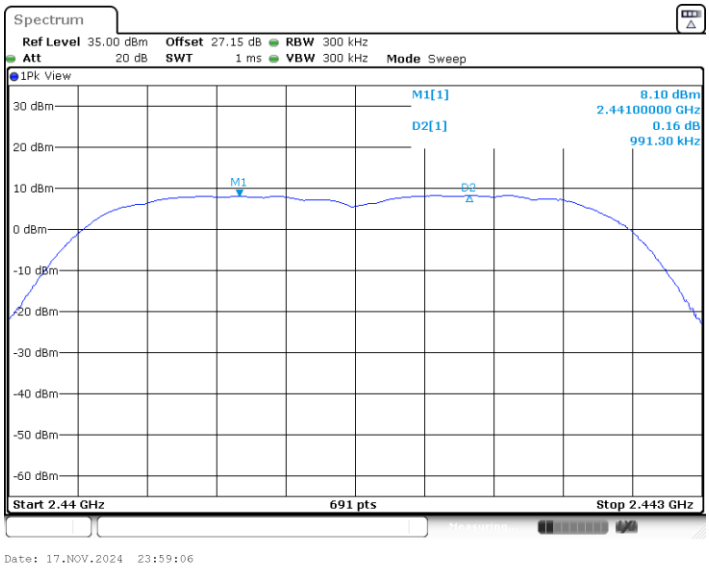
2DH1_Ant15_2480


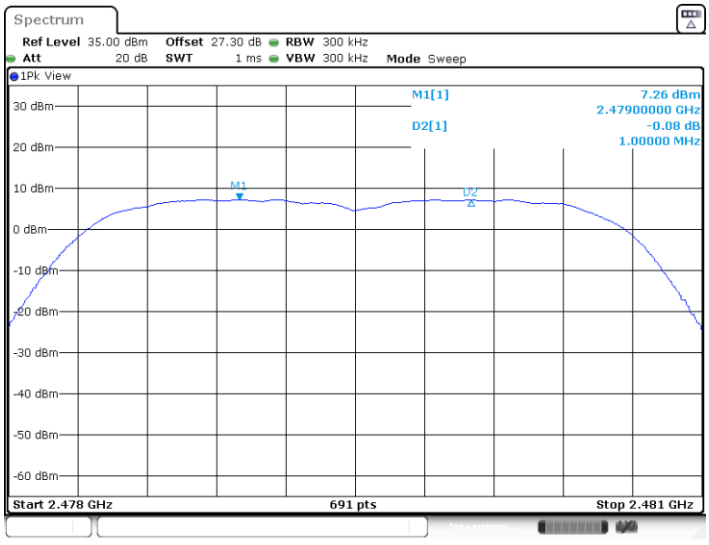
2DH1_Ant7_2480


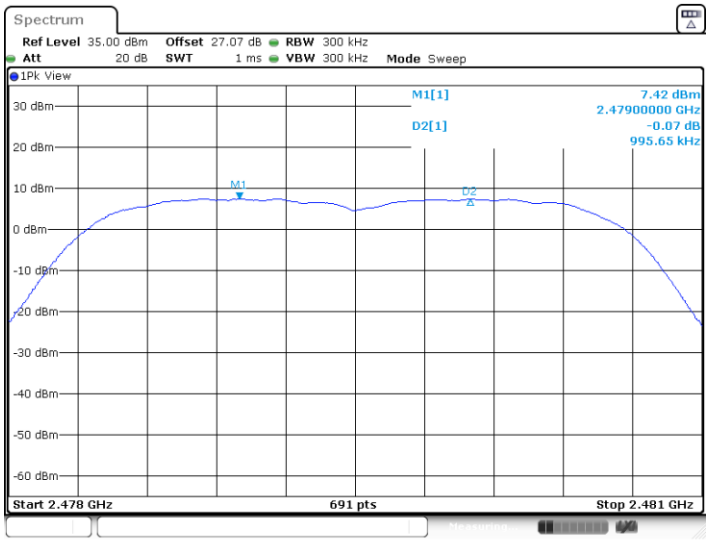
3DH1_Ant15_2402


3DH1_Ant7_2402


3DH1_Ant15_2441


3DH1_Ant7_2441


3DH1_Ant15_2480


3DH1_Ant7_2480


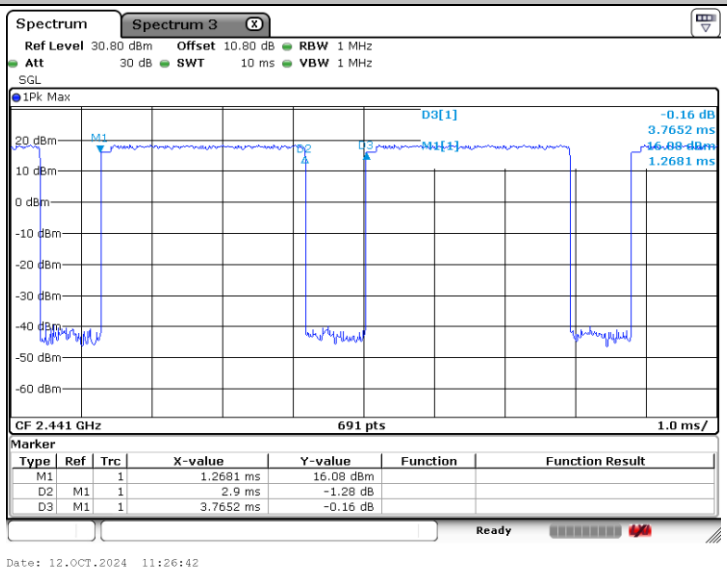
Time of occupancy

Test Result

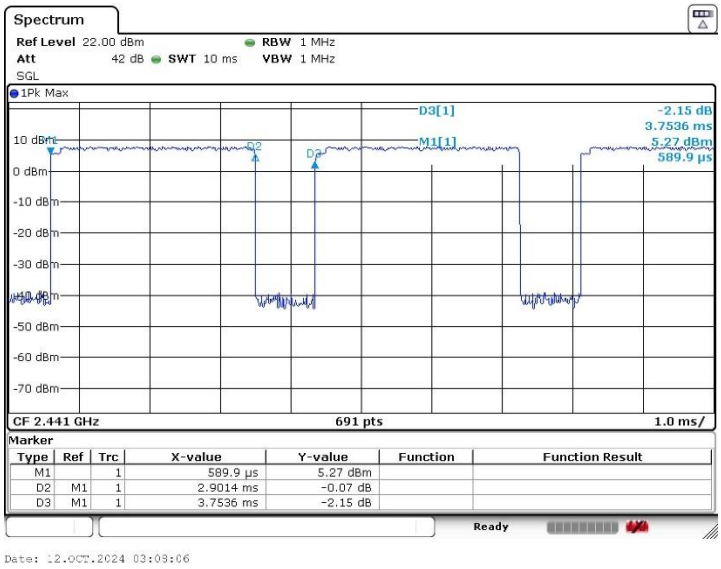
TestMode	Antenna	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec) (MHz)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Normal	Ant15	79	106.67	2.9000	0.31	0.4	Pass
AFH	Ant15	20	53.33	2.9000	0.15	0.4	Pass
Normal	Ant7	79	106.67	2.9014	0.31	0.4	Pass
AFH	Ant7	20	53.33	2.9014	0.15	0.4	Pass

Test Graphs

2DH5_Ant15_2441



2DH5_Ant7_2441



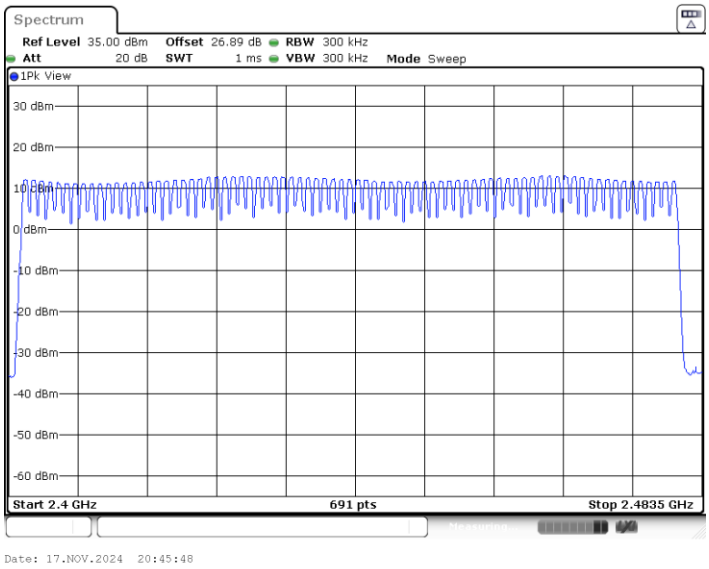
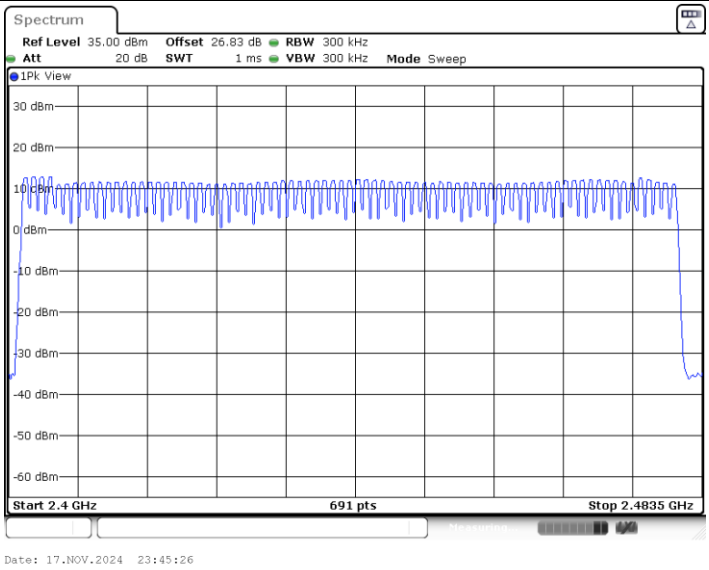
Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant15	Hop	79	≥15	PASS
	Ant7	Hop	79	≥15	PASS

Test Graphs

DH5_Ant15_Hop



DH5_Ant7_Hop