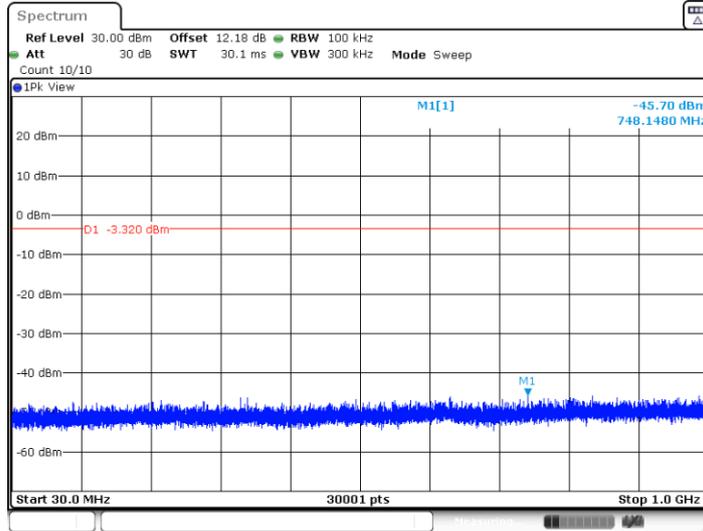


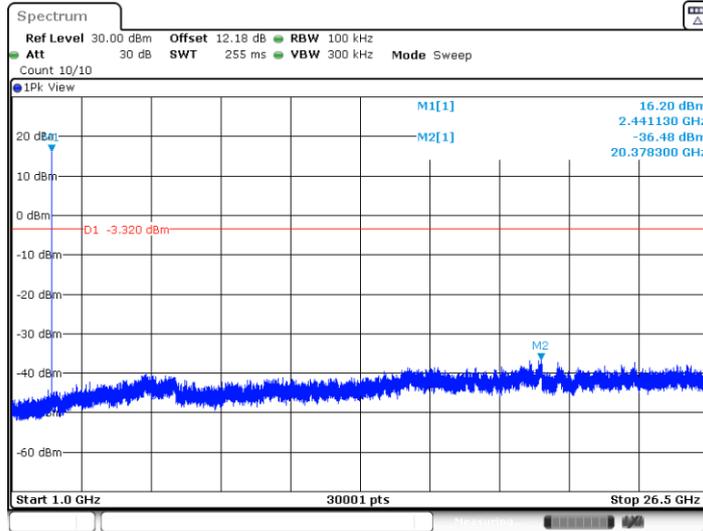


DH5_Ant10_2441_30~1000



Date: 18.APR.2024 08:12:35

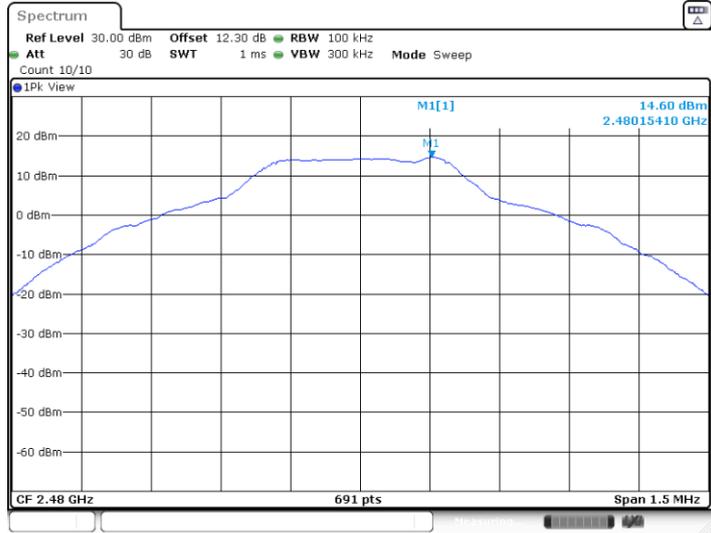
DH5_Ant10_2441_1000~26500



Date: 18.APR.2024 08:12:51

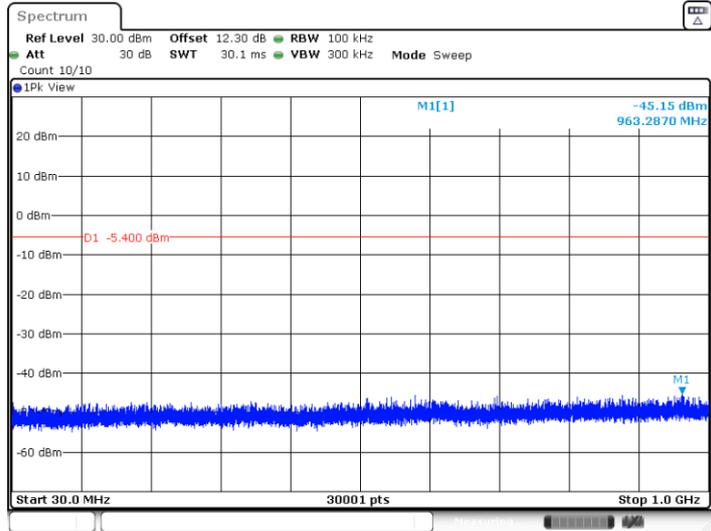


DH5_Ant9_2480_0~Reference



Date: 18.APR.2024 07:50:30

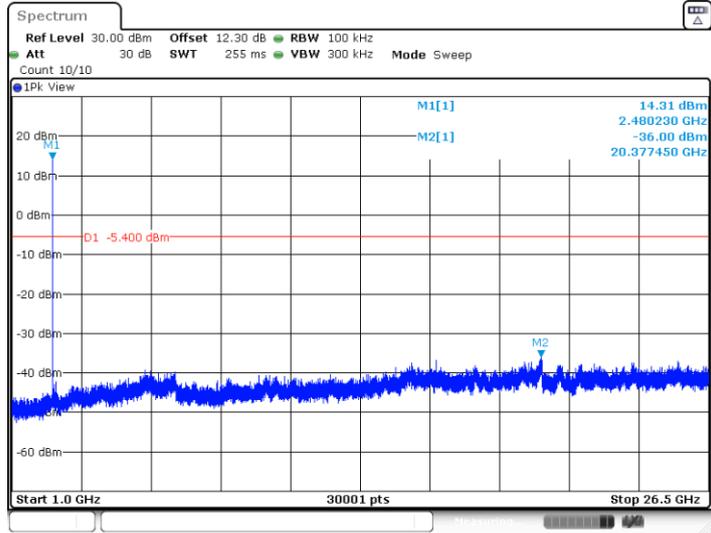
DH5_Ant9_2480_30~1000



Date: 18.APR.2024 07:50:35

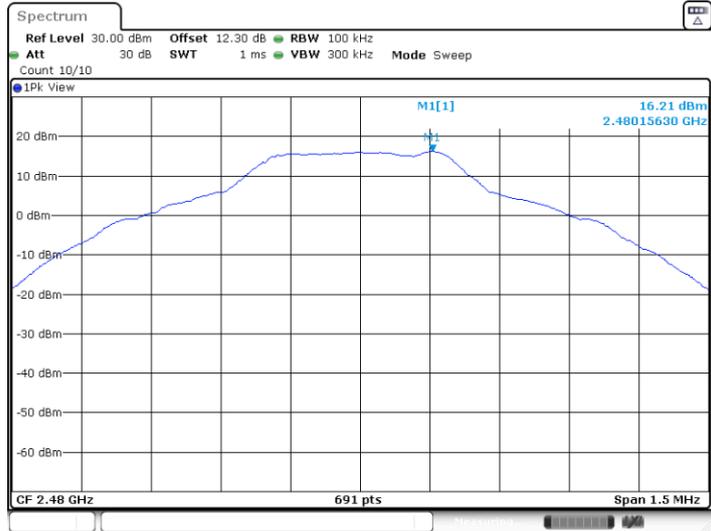


DH5_Ant9_2480_1000~26500



Date: 18.APR.2024 07:50:51

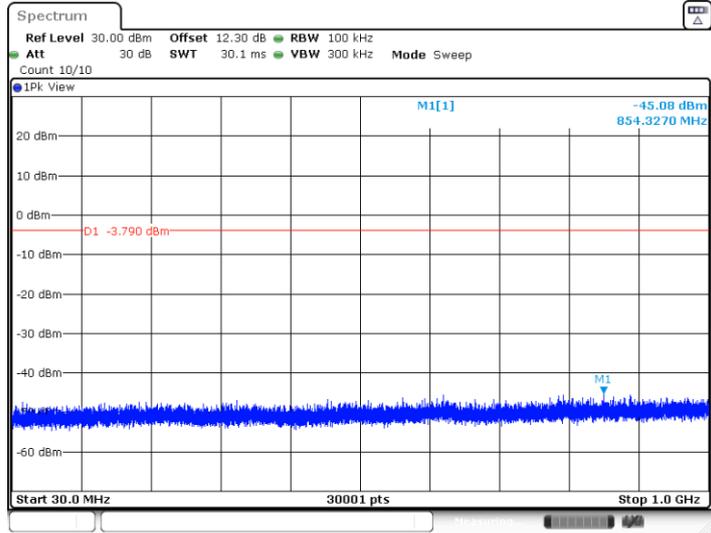
DH5_Ant10_2480_0~Reference



Date: 18.APR.2024 08:13:55

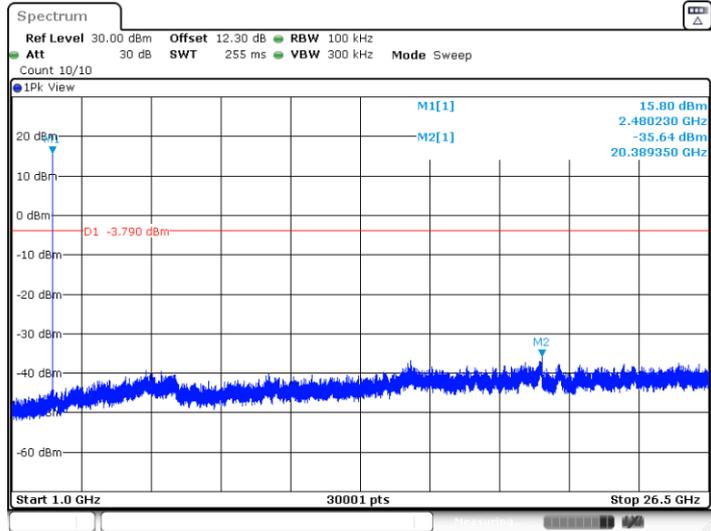


DH5_Ant10_2480_30~1000



Date: 18.APR.2024 08:14:01

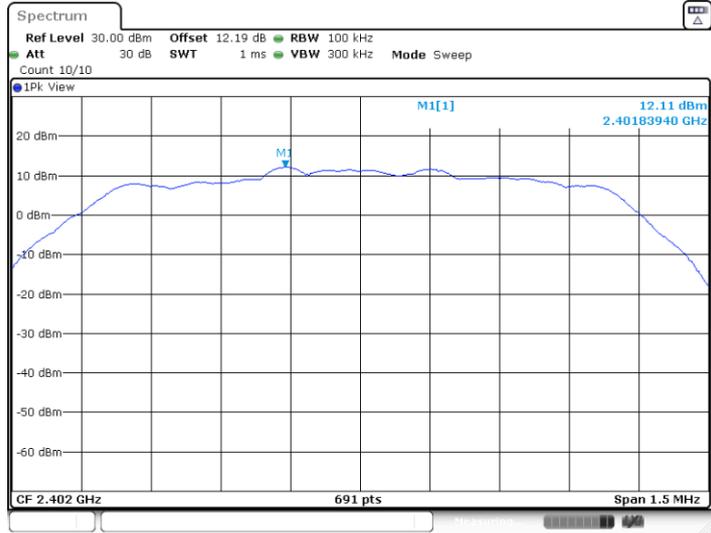
DH5_Ant10_2480_1000~26500



Date: 18.APR.2024 08:14:16

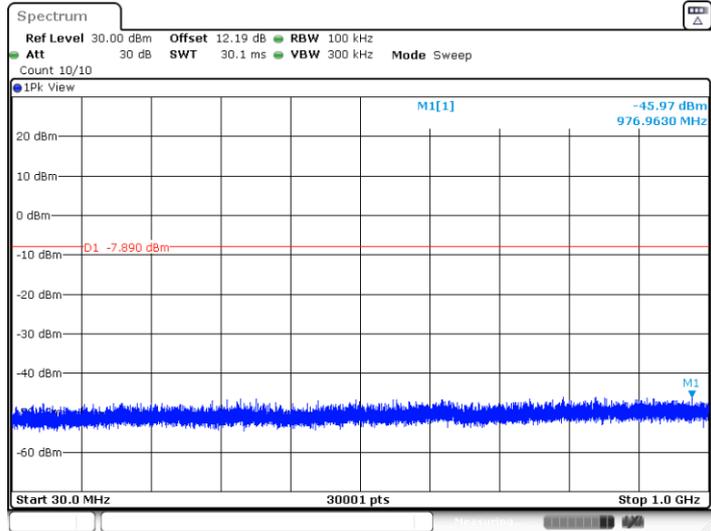


2DH1_Ant9_2402_0~Reference



Date: 18.APR.2024 07:51:56

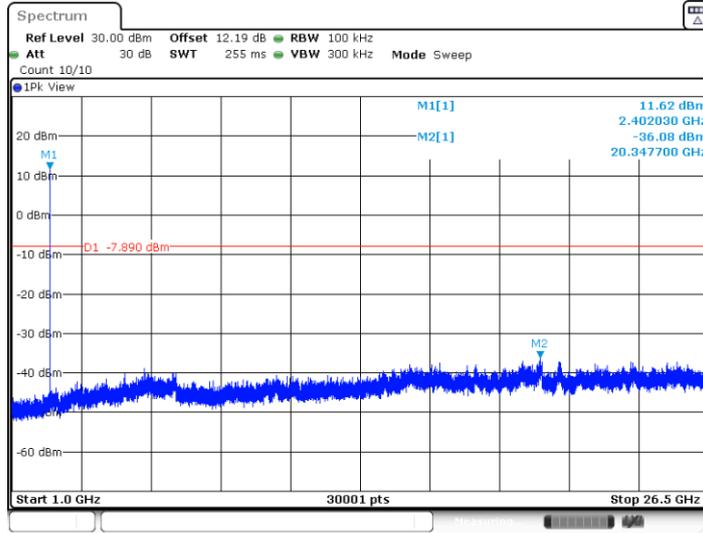
2DH1_Ant9_2402_30~1000



Date: 18.APR.2024 07:52:02

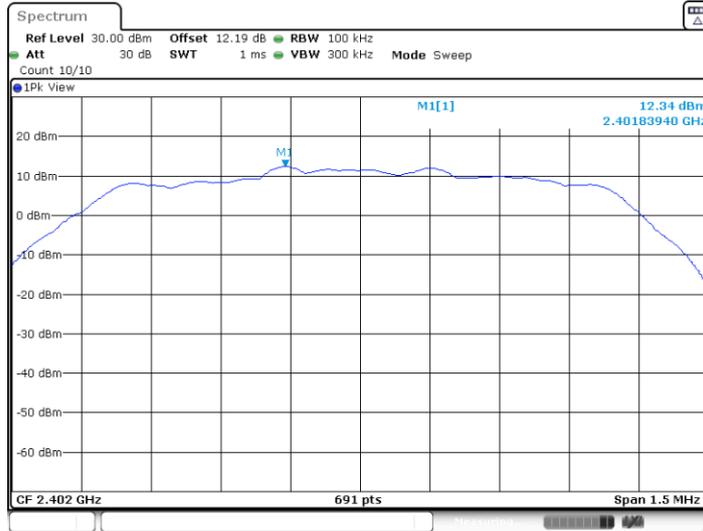


2DH1_Ant9_2402_1000~26500



Date: 18.APR.2024 07:52:17

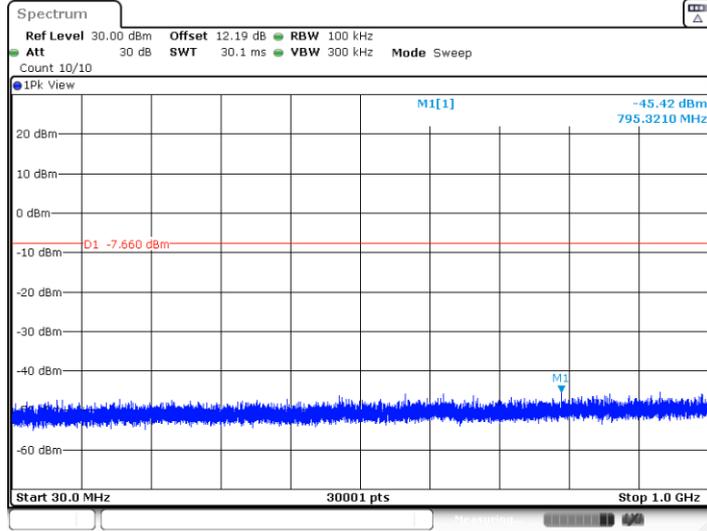
2DH1_Ant10_2402_0~Reference



Date: 18.APR.2024 08:15:21

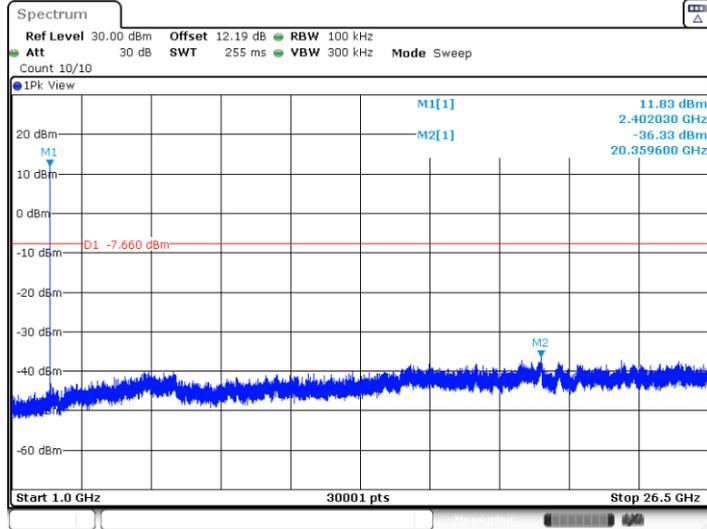


2DH1_Ant10_2402_30~1000



Date: 18.APR.2024 08:15:27

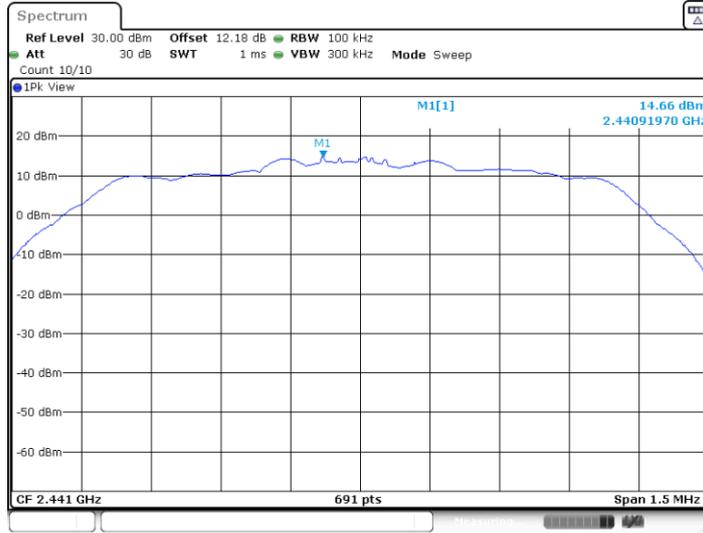
2DH1_Ant10_2402_1000~26500



Date: 18.APR.2024 08:15:42

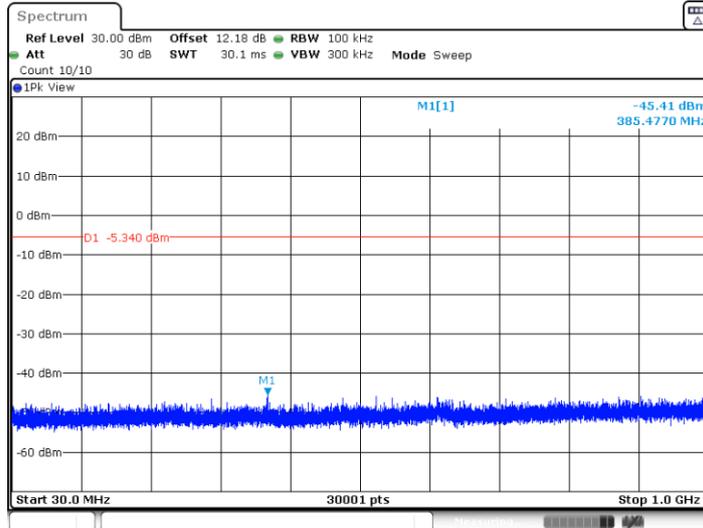


2DH1_Ant9_2441_0~Reference



Date: 18.APR.2024 07:53:04

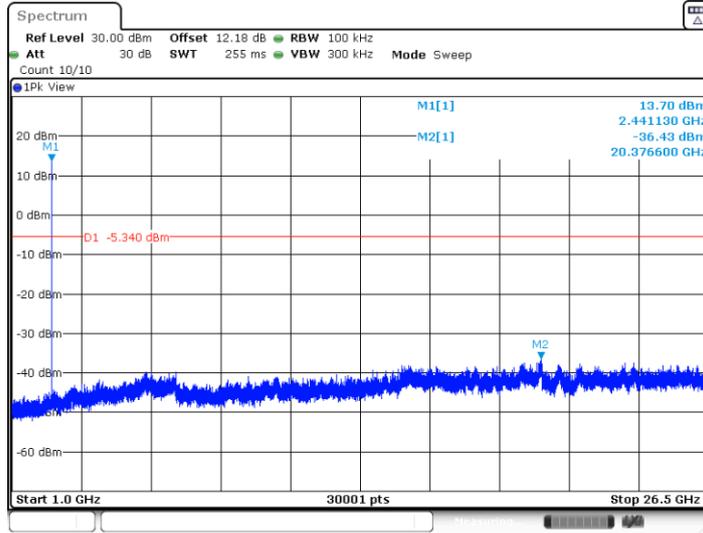
2DH1_Ant9_2441_30~1000



Date: 18.APR.2024 07:53:10

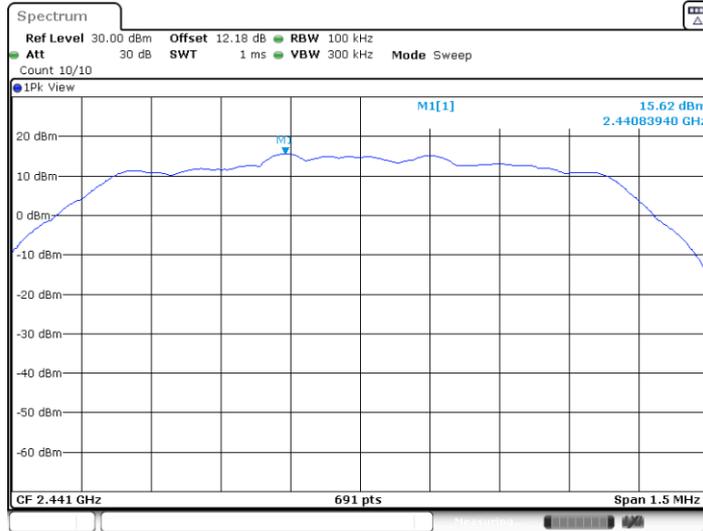


2DH1_Ant9_2441_1000~26500



Date: 18.APR.2024 07:53:25

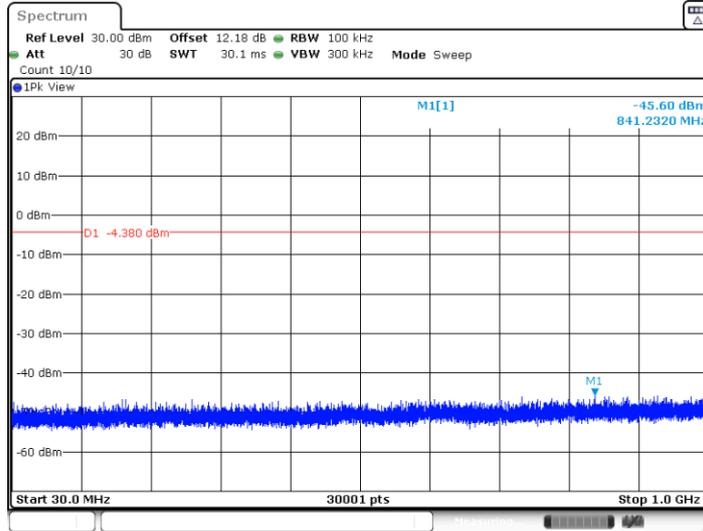
2DH1_Ant10_2441_0~Reference



Date: 18.APR.2024 08:16:29

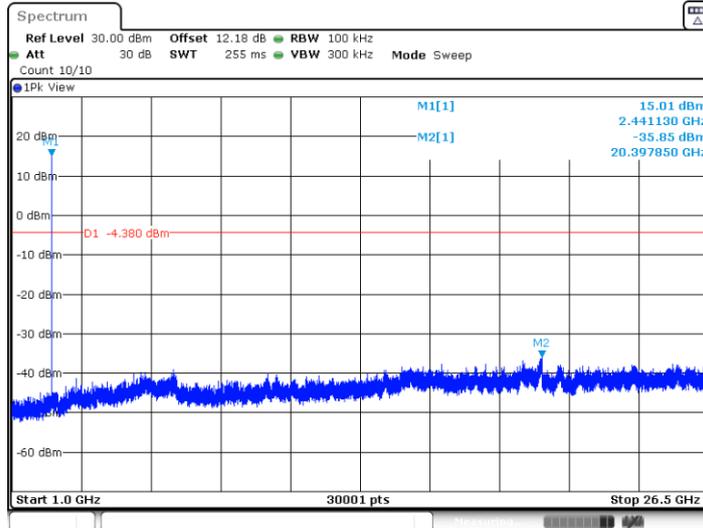


2DH1_Ant10_2441_30~1000



Date: 18.APR.2024 08:16:35

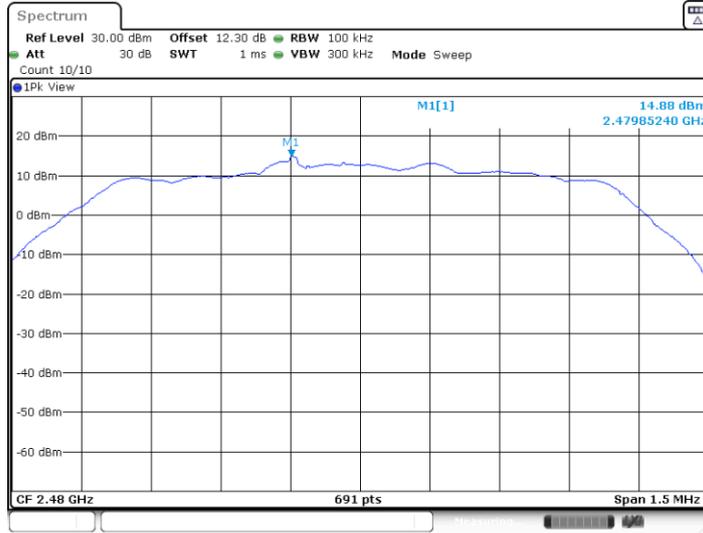
2DH1_Ant10_2441_1000~26500



Date: 18.APR.2024 08:16:50

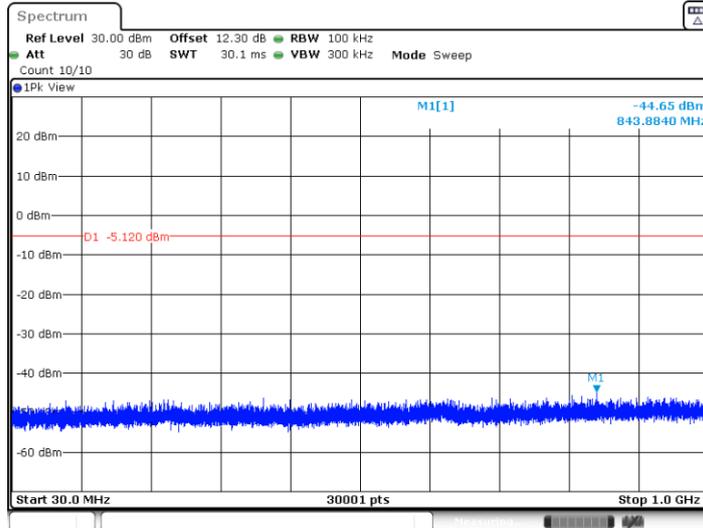


2DH1_Ant9_2480_0~Reference



Date: 18.APR.2024 07:54:30

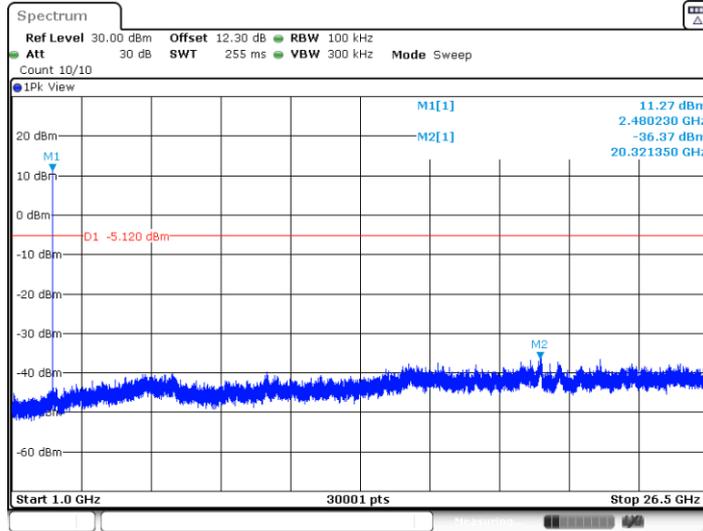
2DH1_Ant9_2480_30~1000



Date: 18.APR.2024 07:54:36

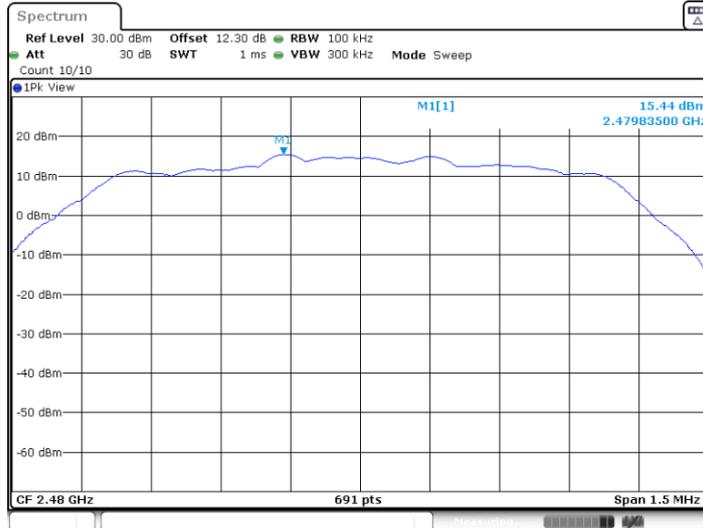


2DH1_Ant9_2480_1000~26500



Date: 18.APR.2024 07:54:51

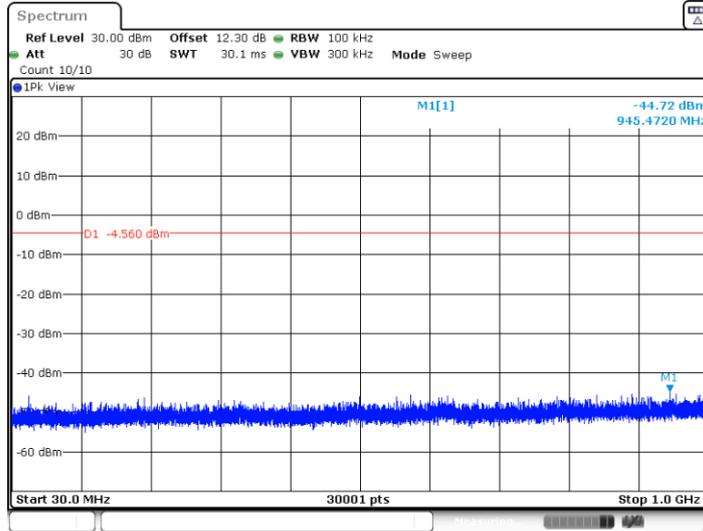
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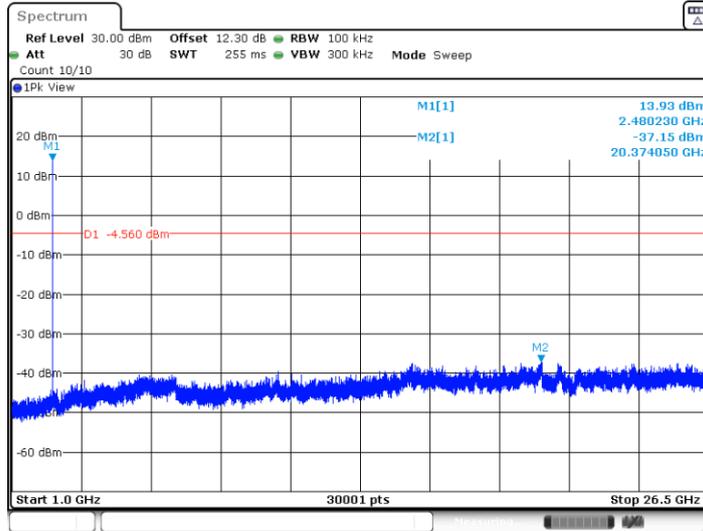
Date: 18.APR.2024 08:17:56



2DH1_Ant10_2480_30~1000

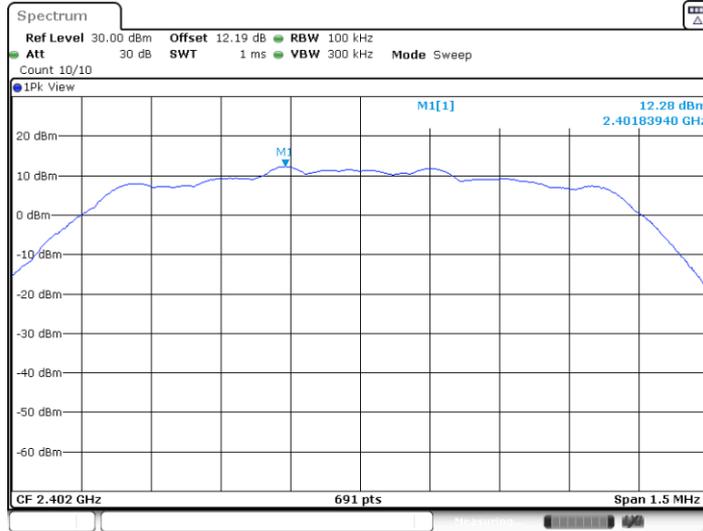


2DH1_Ant10_2480_1000~26500



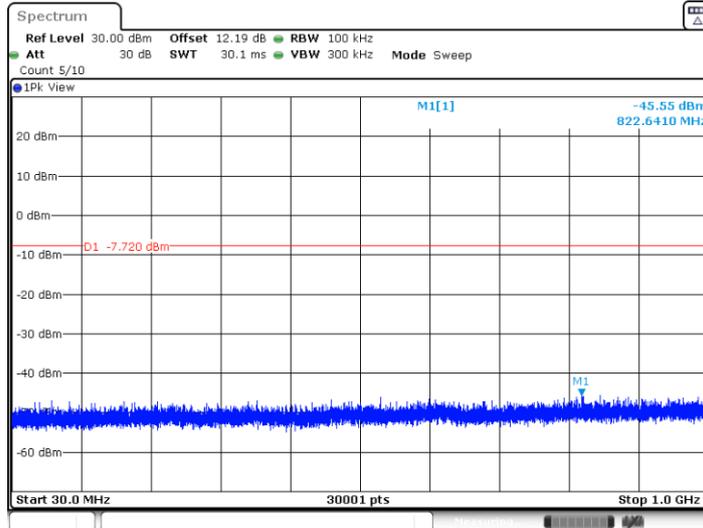


3DH1_Ant9_2402_0~Reference



Date: 18.APR.2024 07:55:56

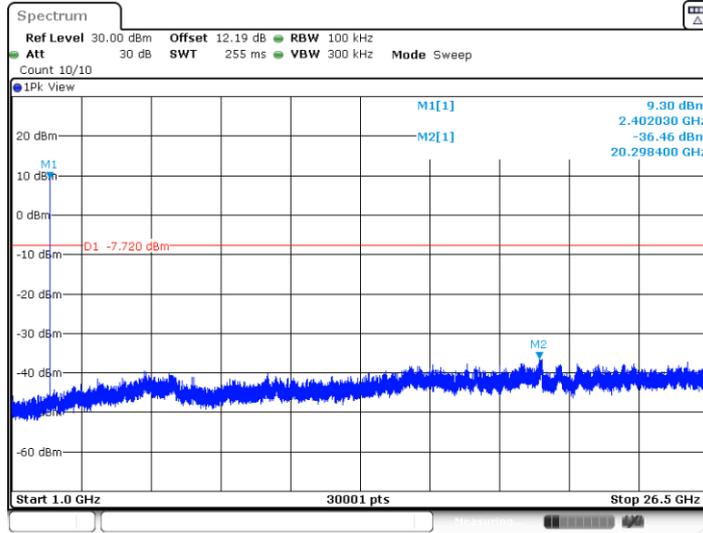
3DH1_Ant9_2402_30~1000



Date: 18.APR.2024 07:56:02

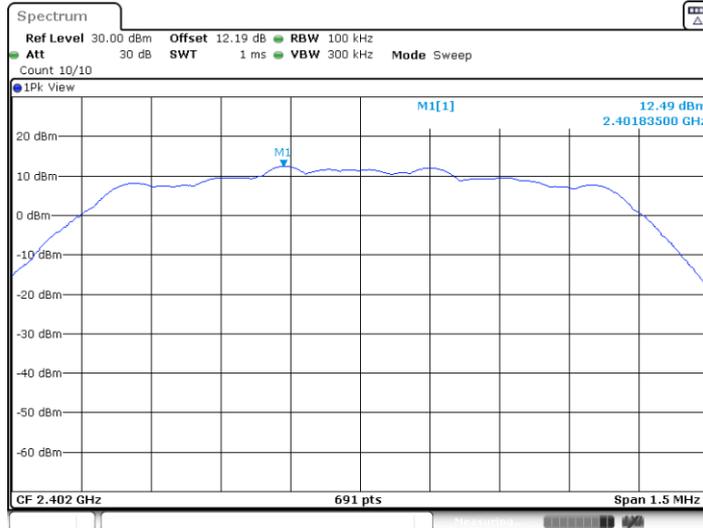


3DH1_Ant9_2402_1000~26500



Date: 18.APR.2024 07:56:17

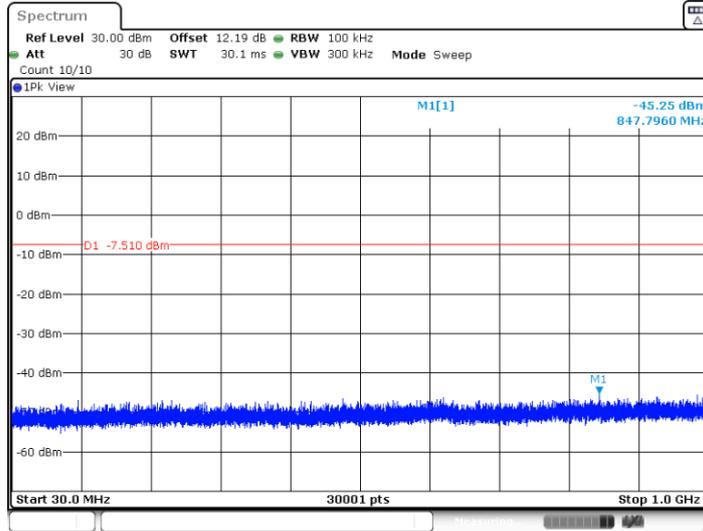
3DH1_Ant10_2402_0~Reference



Date: 18.APR.2024 08:19:18

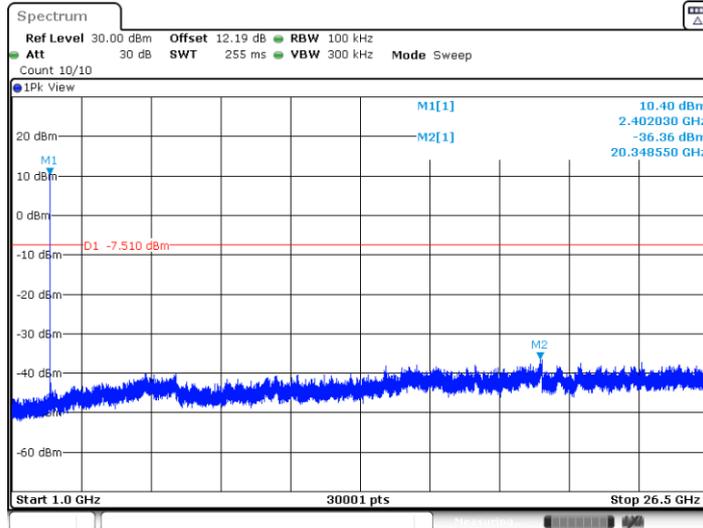


3DH1_Ant10_2402_30~1000



Date: 18.APR.2024 08:19:24

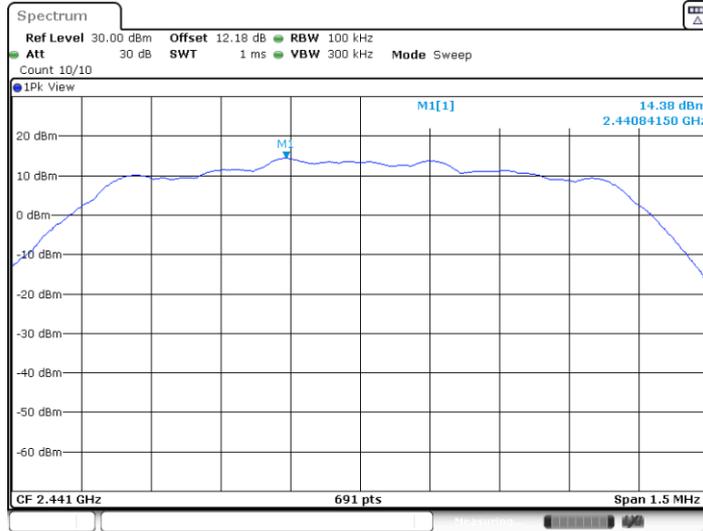
3DH1_Ant10_2402_1000~26500



Date: 18.APR.2024 08:19:39

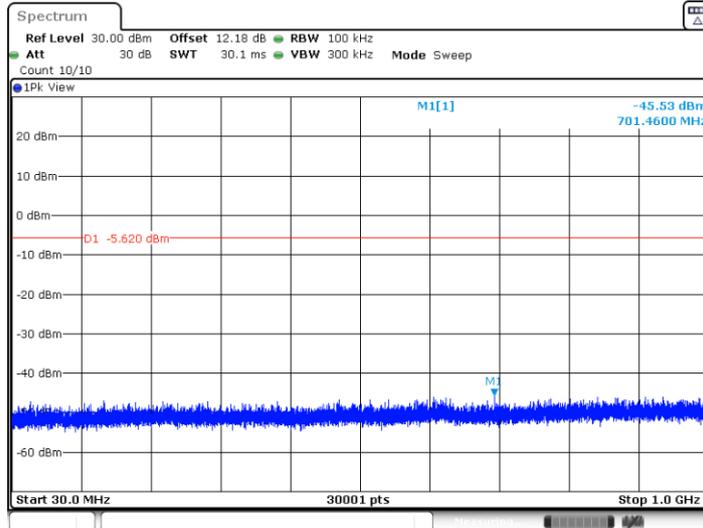


3DH1_Ant9_2441_0~Reference



Date: 18.APR.2024 07:57:02

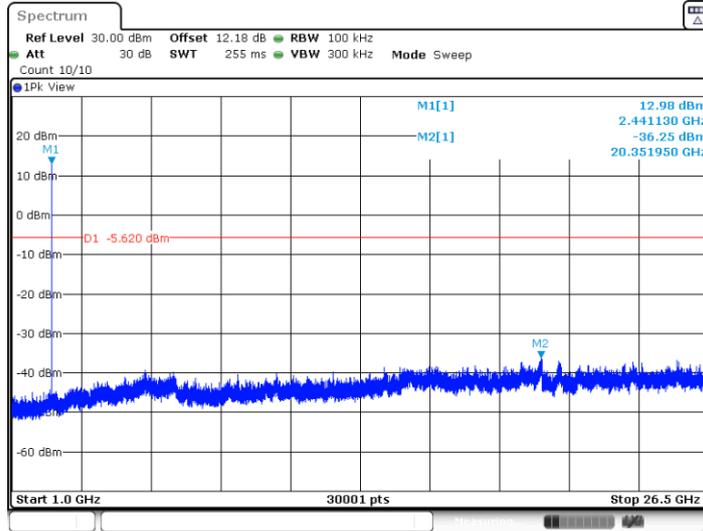
3DH1_Ant9_2441_30~1000



Date: 18.APR.2024 07:57:07

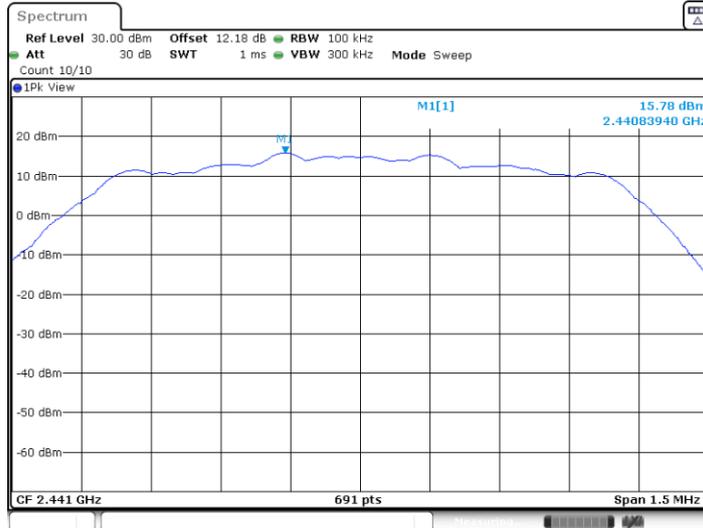


3DH1_Ant9_2441_1000~26500



Date: 18.APR.2024 07:57:23

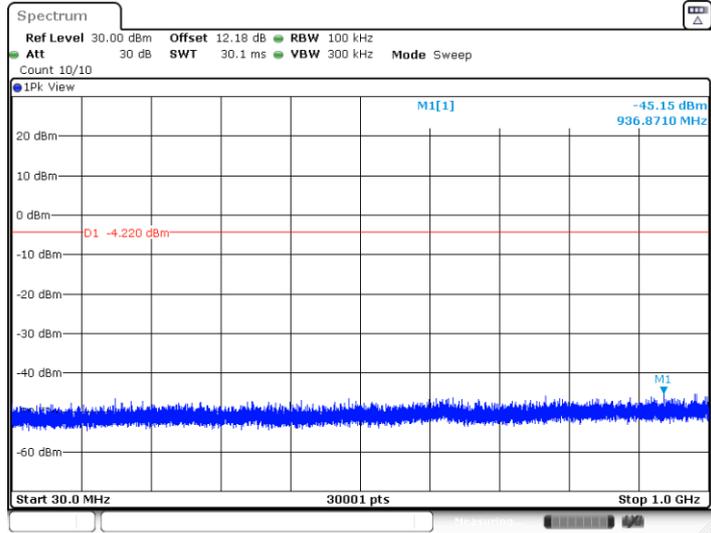
3DH1_Ant10_2441_0~Reference



Date: 18.APR.2024 08:20:26

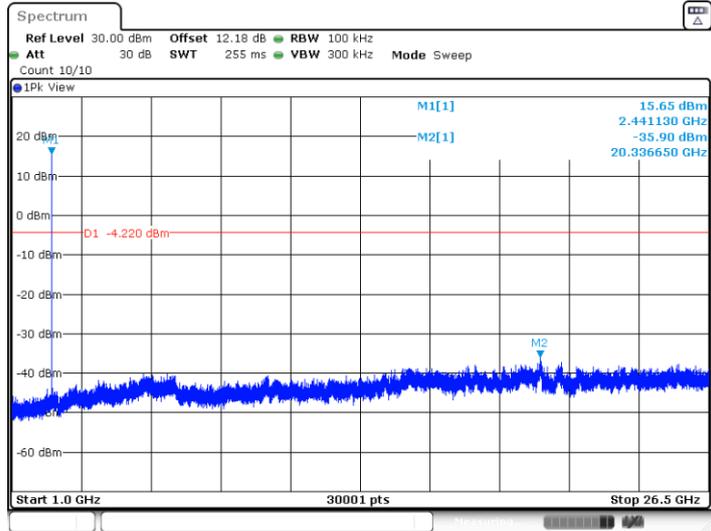


3DH1_Ant10_2441_30~1000



Date: 18.APR.2024 08:20:32

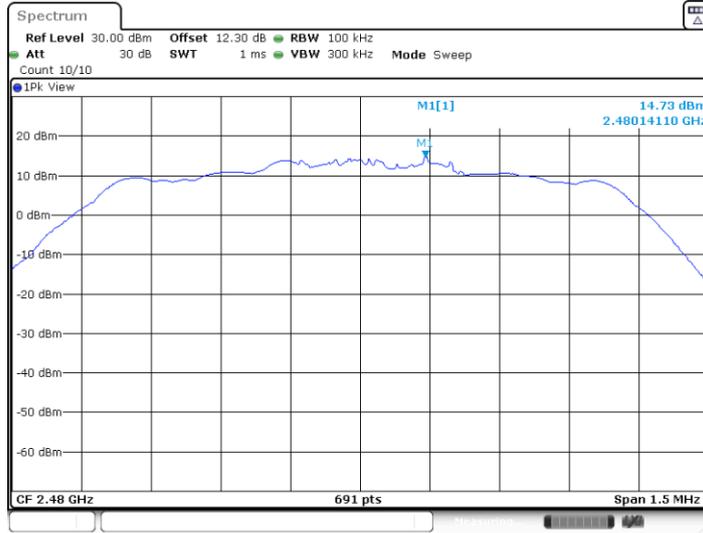
3DH1_Ant10_2441_1000~26500



Date: 18.APR.2024 08:20:47

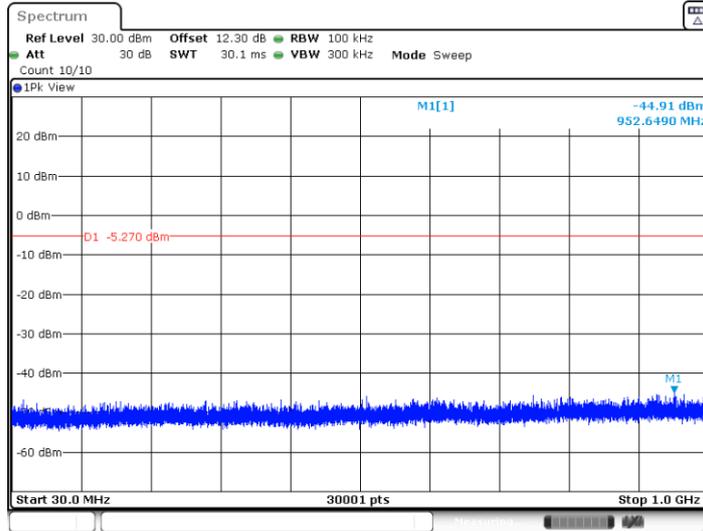


3DH1_Ant9_2480_0~Reference



Date: 18.APR.2024 07:58:28

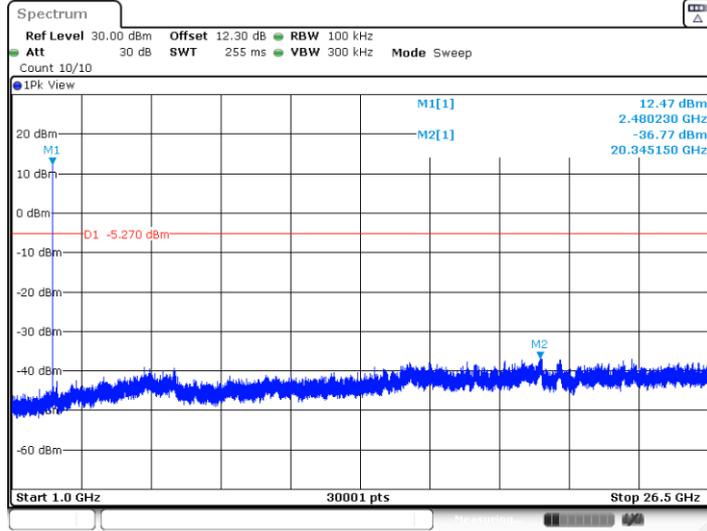
3DH1_Ant9_2480_30~1000



Date: 18.APR.2024 07:58:34

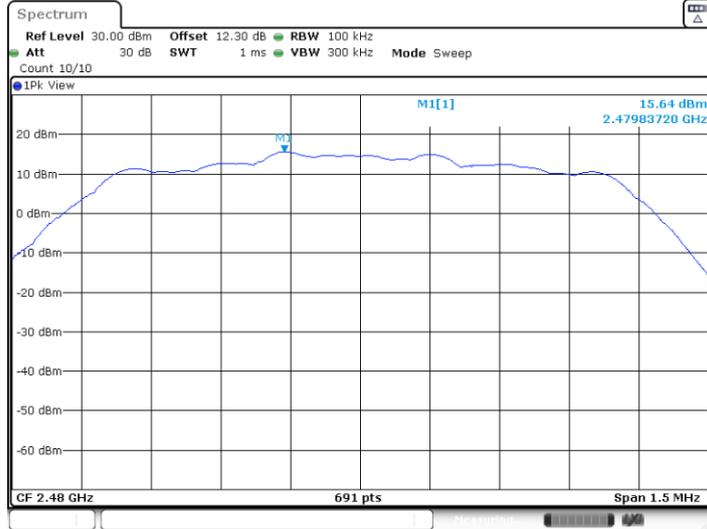


3DH1_Ant9_2480_1000~26500



Date: 18.APR.2024 07:58:49

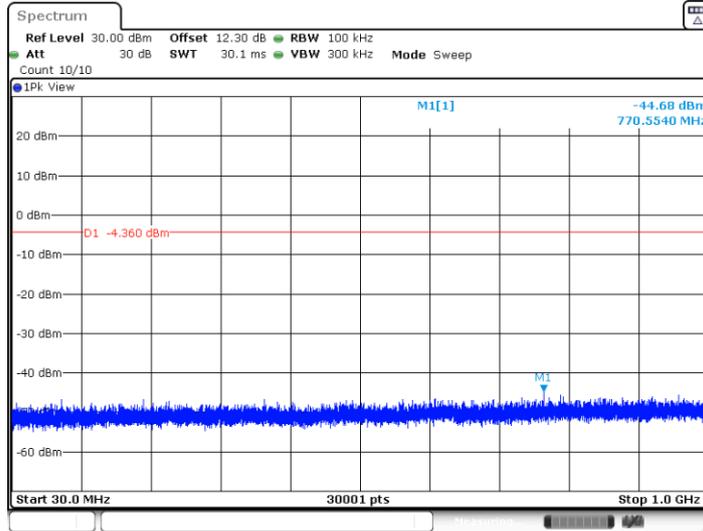
3DH1_Ant10_2480_0~Reference



Date: 18.APR.2024 08:21:50

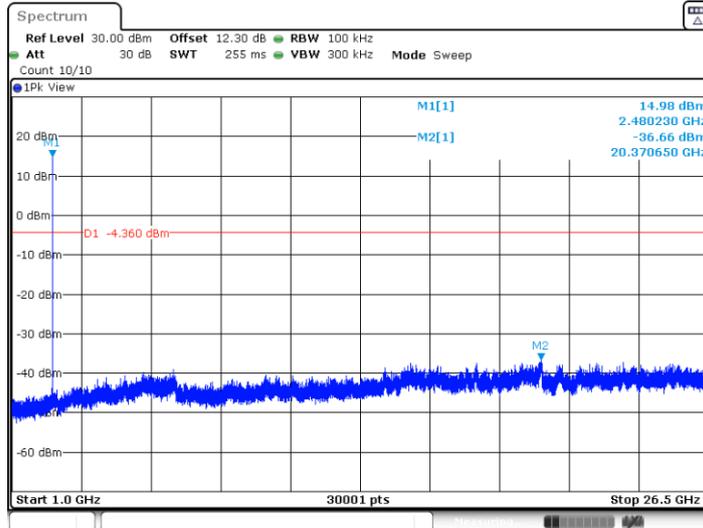


3DH1_Ant10_2480_30~1000



Date: 18.APR.2024 08:21:56

3DH1_Ant10_2480_1000~26500



Date: 18.APR.2024 08:22:11



<Bluetooth BR/EDR Beamforming mode>

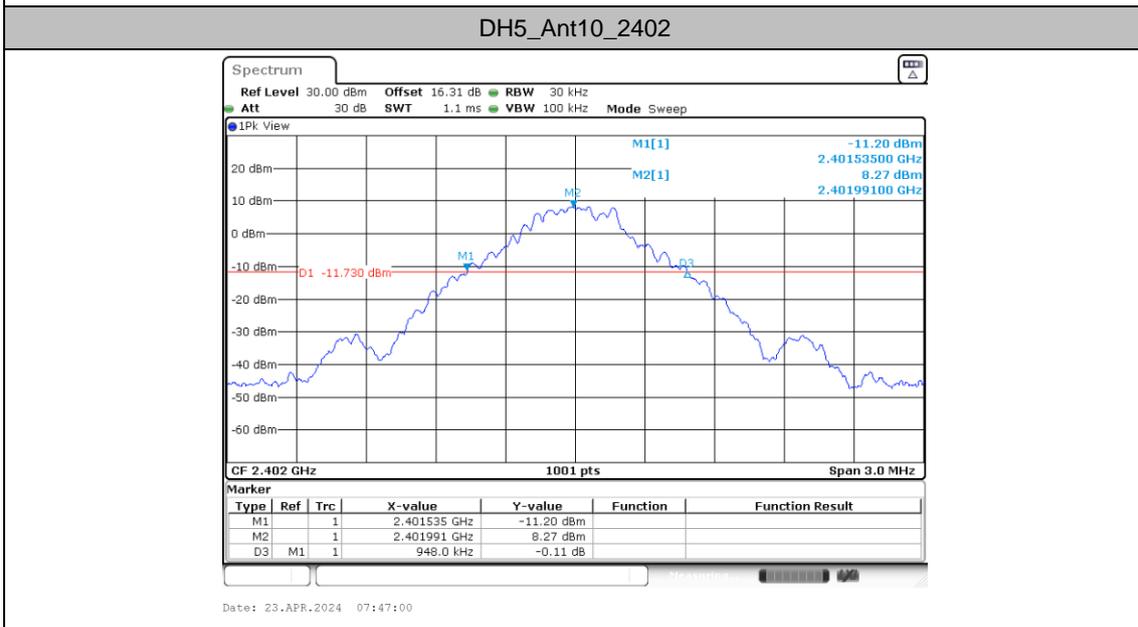
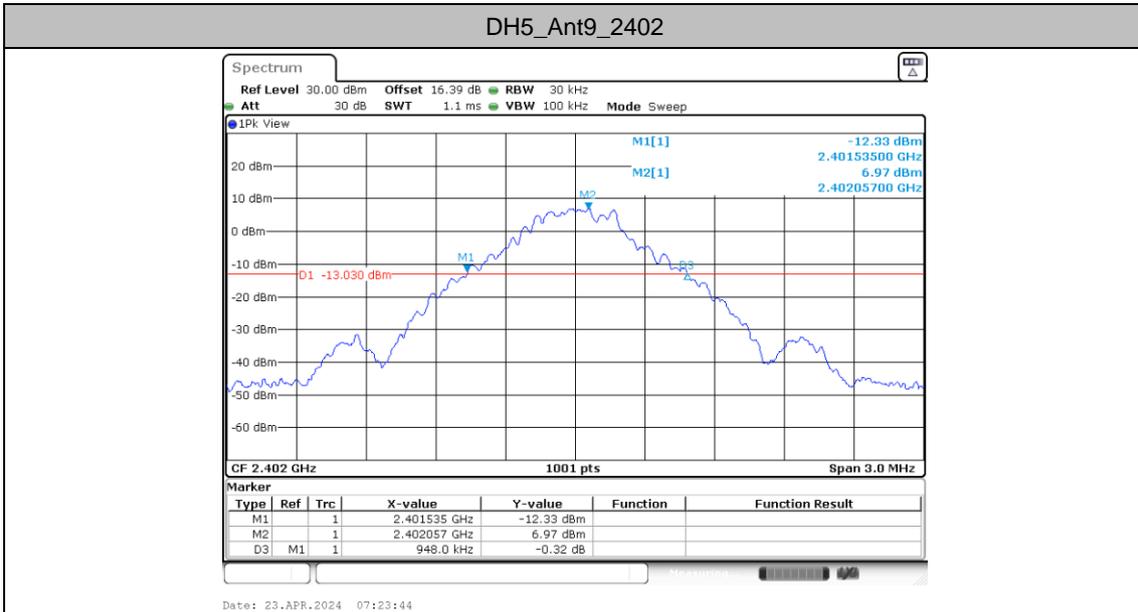
20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant9	2402	0.95	2401.54	2402.48	---	---
	Ant10	2402	0.95	2401.54	2402.48	---	---
	Ant9	2441	0.95	2440.54	2441.48	---	---
	Ant10	2441	0.95	2440.54	2441.48	---	---
	Ant9	2480	0.95	2479.53	2480.48	---	---
	Ant10	2480	0.95	2479.53	2480.48	---	---
2DH1	Ant9	2402	1.30	2401.34	2402.64	---	---
	Ant10	2402	1.31	2401.33	2402.64	---	---
	Ant9	2441	1.30	2440.34	2441.64	---	---
	Ant10	2441	1.31	2440.33	2441.64	---	---
	Ant9	2480	1.30	2479.34	2480.64	---	---
	Ant10	2480	1.30	2479.34	2480.64	---	---
3DH1	Ant9	2402	1.27	2401.37	2402.64	---	---
	Ant10	2402	1.27	2401.37	2402.64	---	---
	Ant9	2441	1.27	2440.37	2441.64	---	---
	Ant10	2441	1.27	2440.37	2441.64	---	---
	Ant9	2480	1.27	2479.37	2480.64	---	---
	Ant10	2480	1.27	2479.37	2480.64	---	---

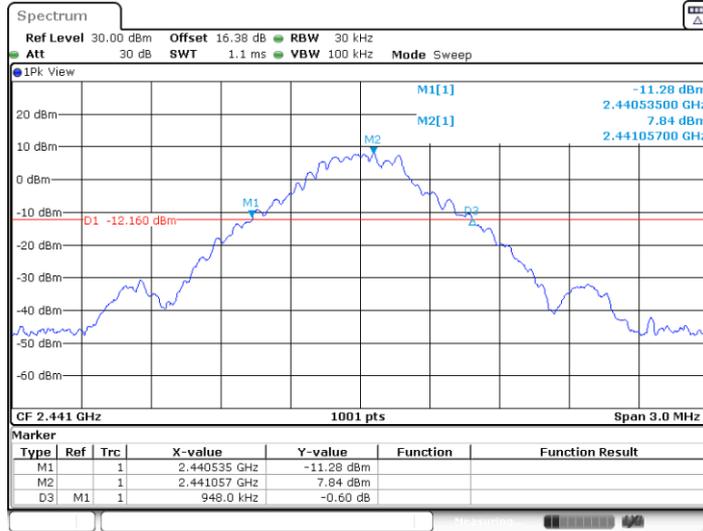


Test Graphs



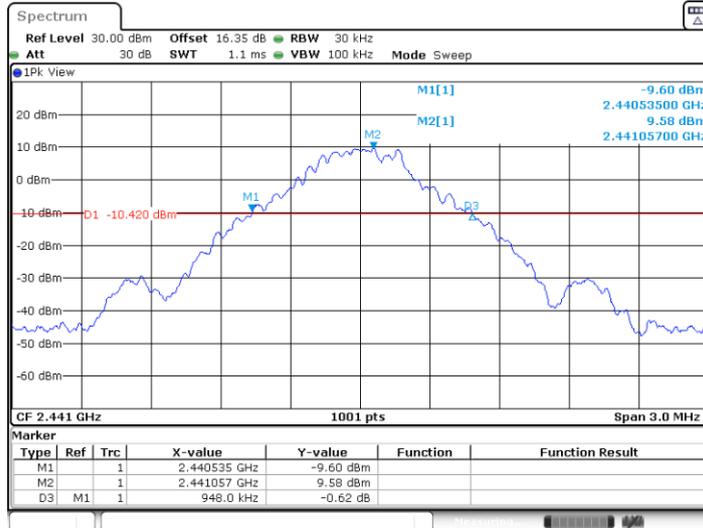


DH5_Ant9_2441



Date: 23.APR.2024 07:24:59

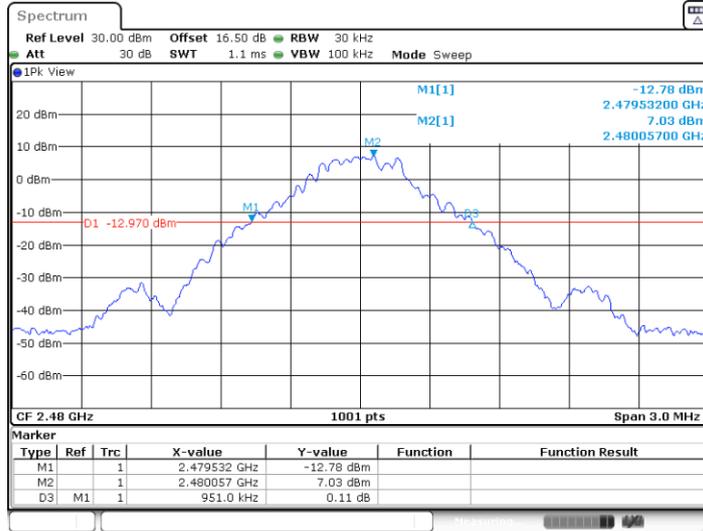
DH5_Ant10_2441



Date: 23.APR.2024 07:48:23

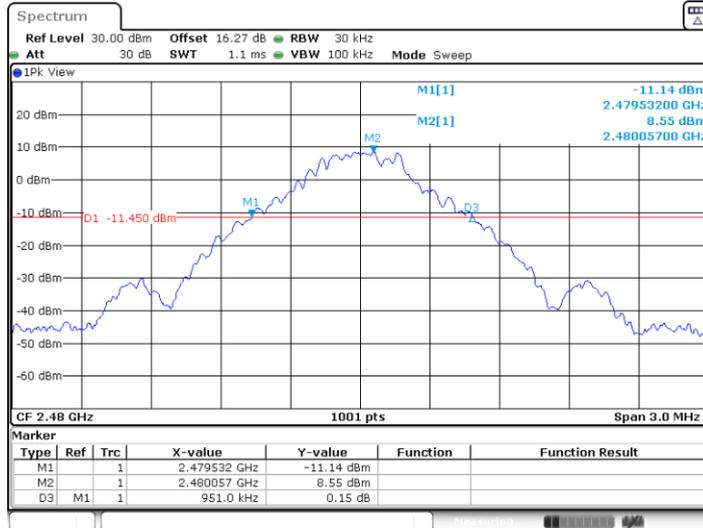


DH5_Ant9_2480



Date: 23.APR.2024 07:25:56

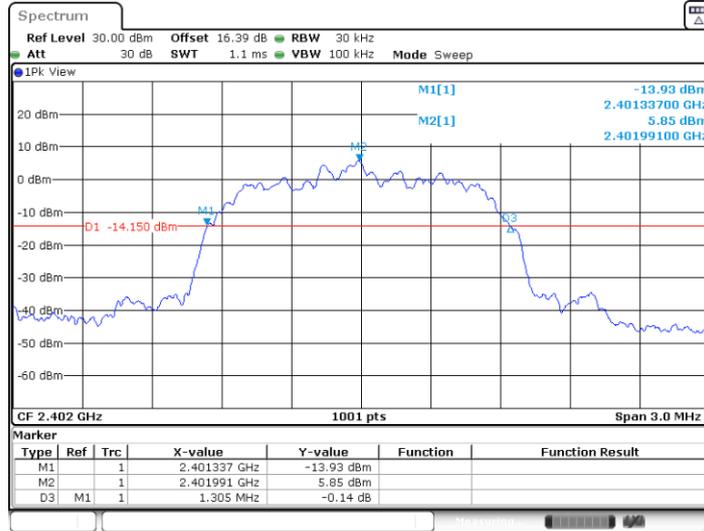
DH5_Ant10_2480



Date: 23.APR.2024 07:50:09

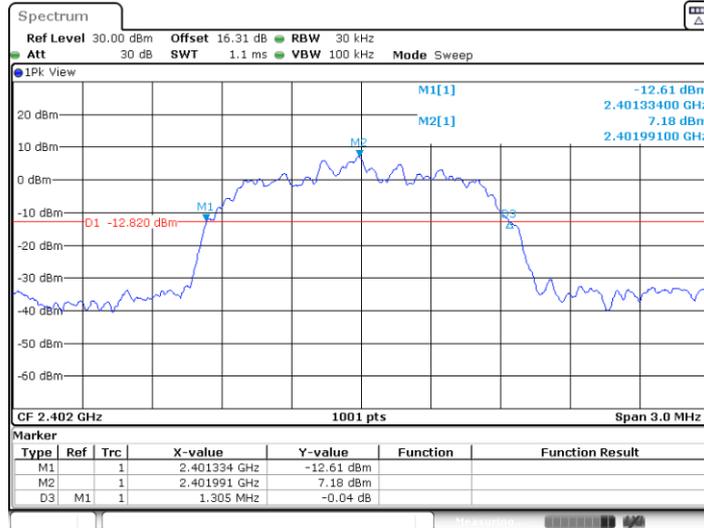


2DH1_Ant9_2402



Date: 23.APR.2024 07:27:21

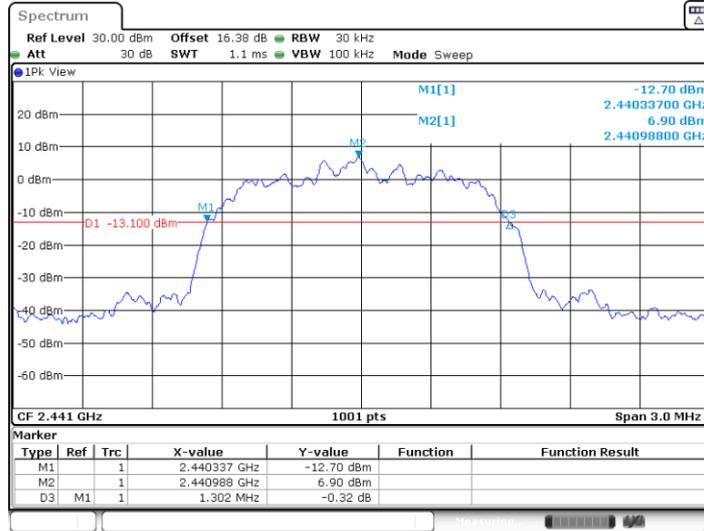
2DH1_Ant10_2402



Date: 23.APR.2024 07:51:27

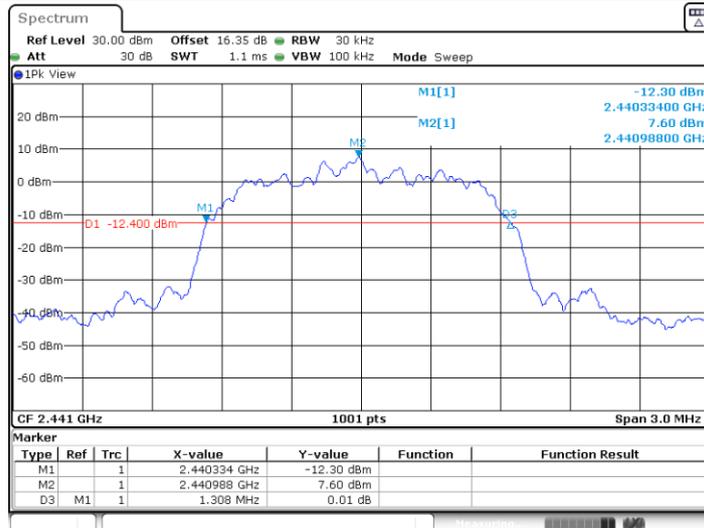


2DH1_Ant9_2441



Date: 23.APR.2024 07:28:43

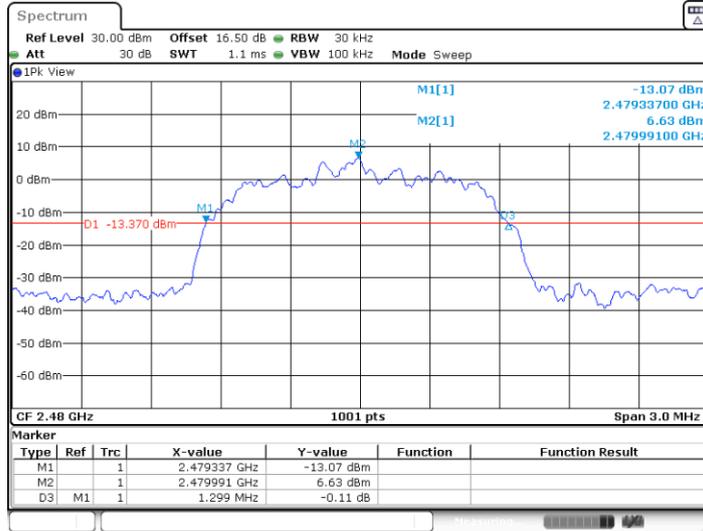
2DH1_Ant10_2441



Date: 23.APR.2024 07:52:53

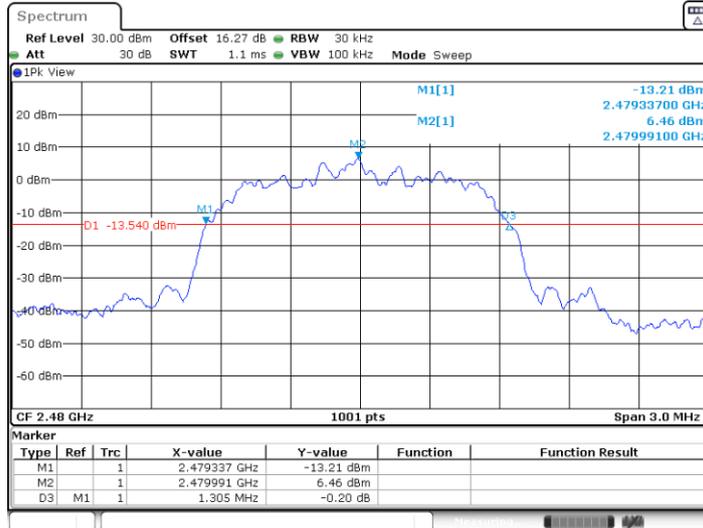


2DH1_Ant9_2480



Date: 23.APR.2024 07:29:55

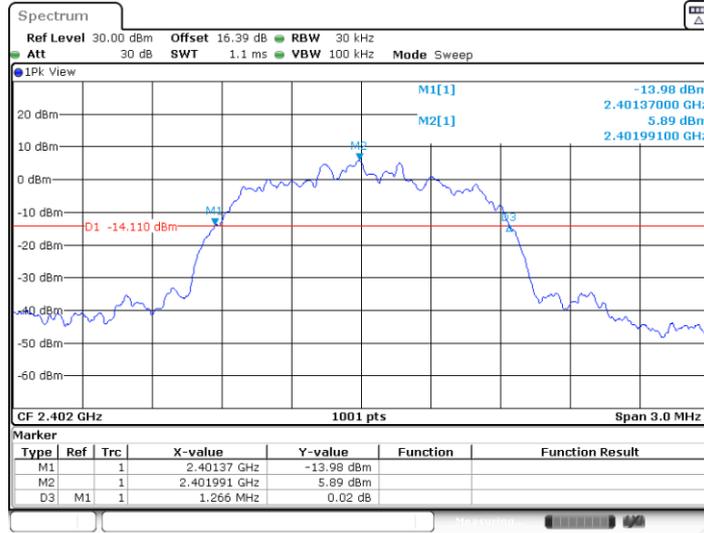
2DH1_Ant10_2480



Date: 23.APR.2024 07:54:20

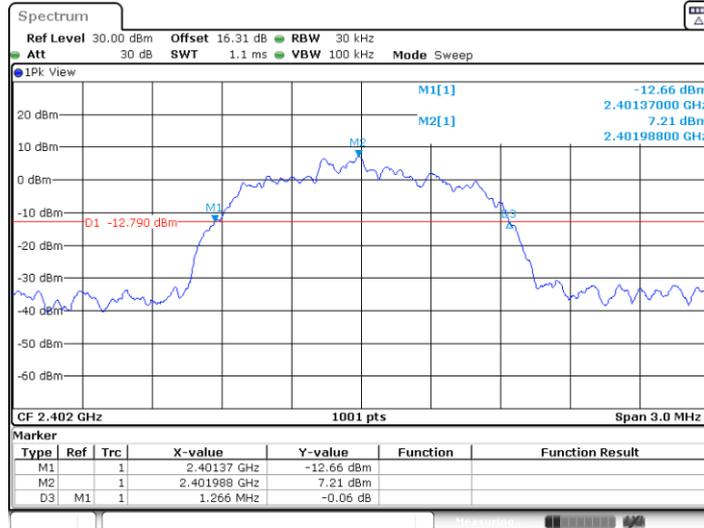


3DH1_Ant9_2402



Date: 23.APR.2024 07:31:26

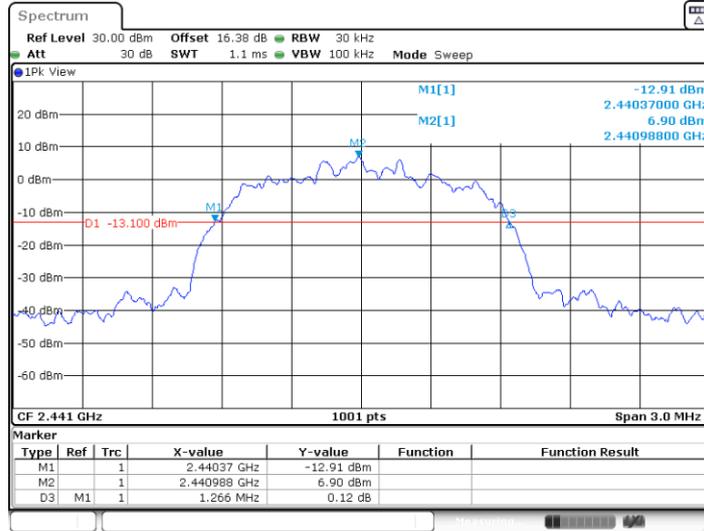
3DH1_Ant10_2402



Date: 23.APR.2024 07:56:24

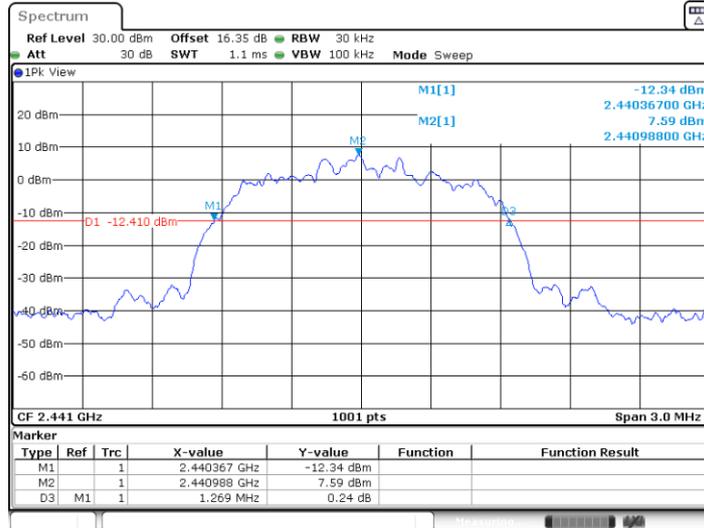


3DH1_Ant9_2441



Date: 23.APR.2024 07:32:52

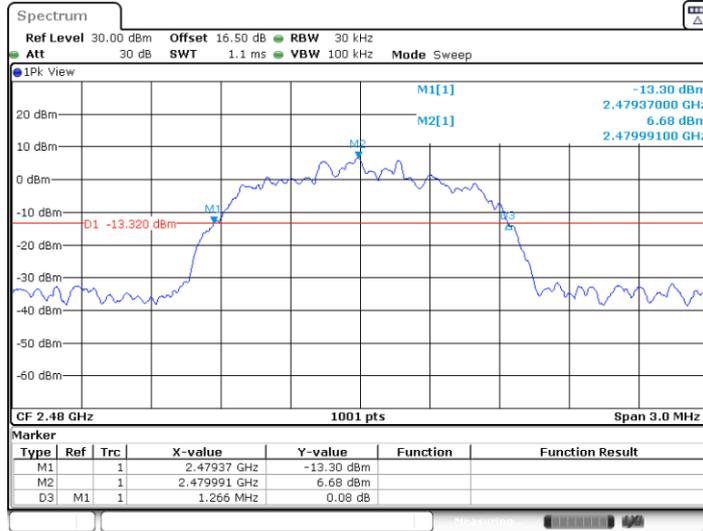
3DH1_Ant10_2441



Date: 23.APR.2024 07:57:43

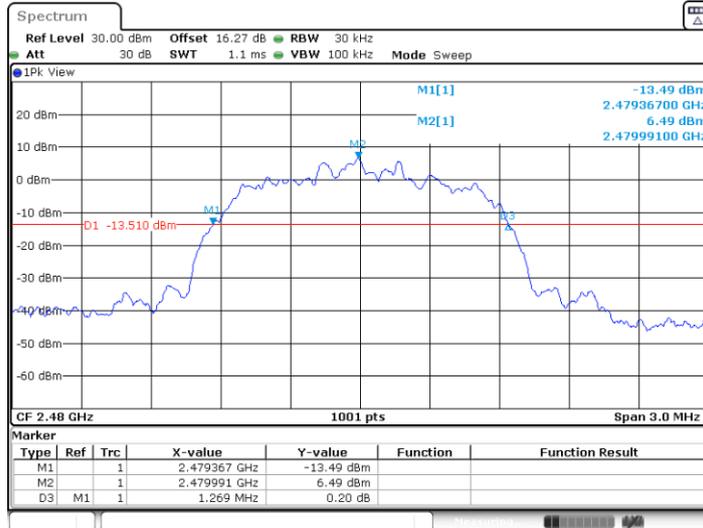


3DH1_Ant9_2480



Date: 23.APR.2024 07:33:56

3DH1_Ant10_2480



Date: 23.APR.2024 08:21:07



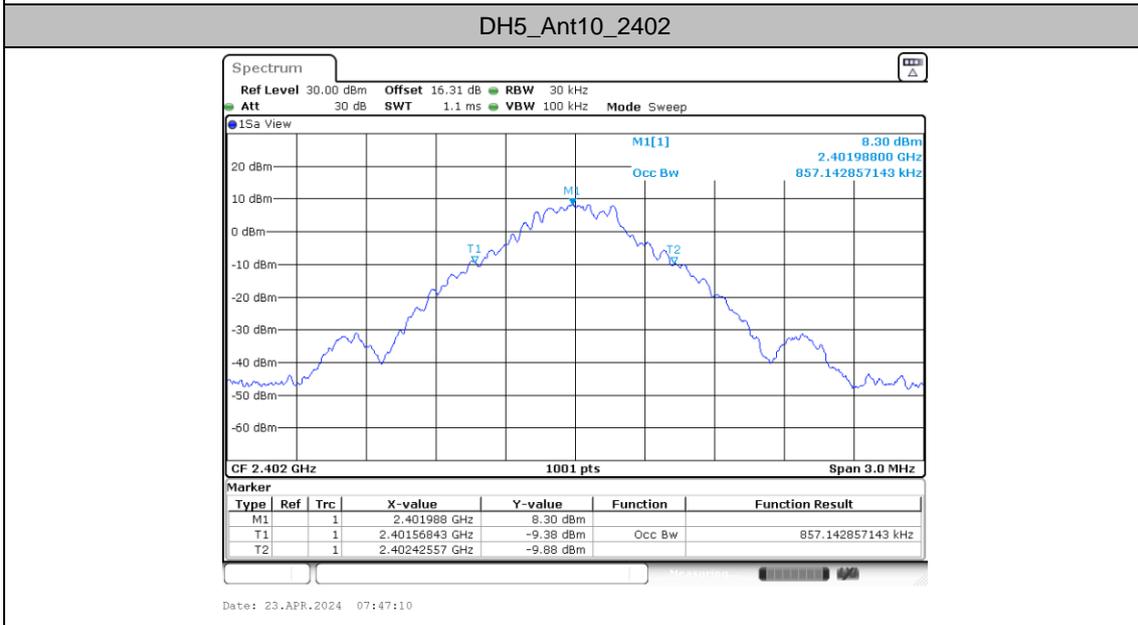
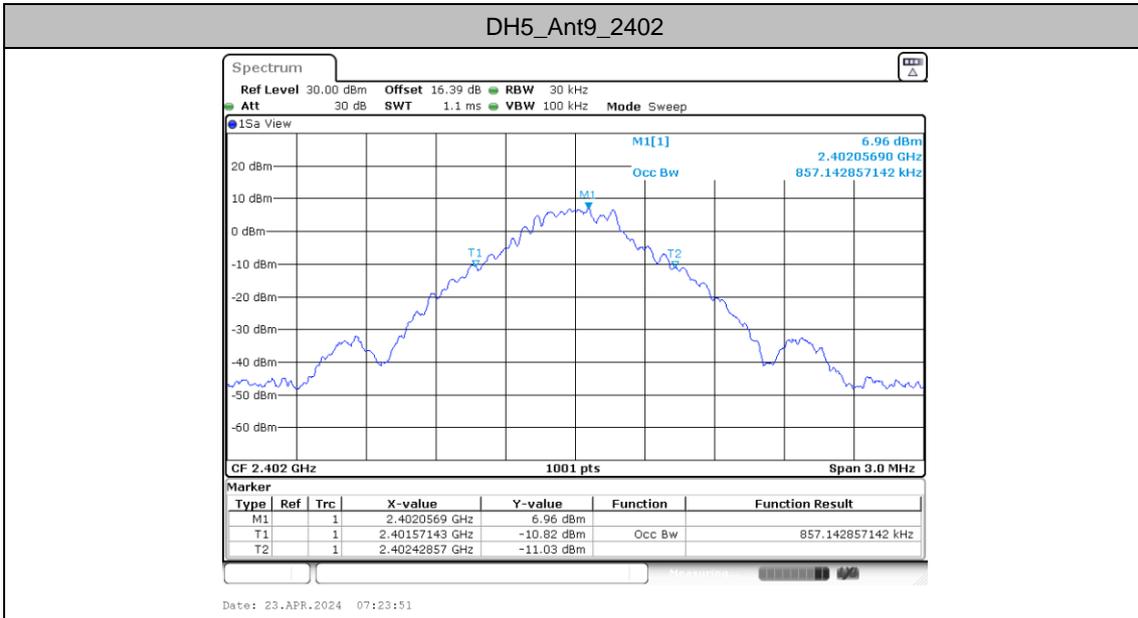
Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant9	2402	0.857	2401.5714	2402.4286	---	---
	Ant10	2402	0.857	2401.5684	2402.4256	---	---
	Ant9	2441	0.857	2440.5684	2441.4256	---	---
	Ant10	2441	0.854	2440.5714	2441.4256	---	---
	Ant9	2480	0.854	2479.5684	2480.4226	---	---
	Ant10	2480	0.857	2479.5684	2480.4256	---	---
2DH1	Ant9	2402	1.172	2401.4066	2402.5784	---	---
	Ant10	2402	1.172	2401.4066	2402.5784	---	---
	Ant9	2441	1.169	2440.4066	2441.5754	---	---
	Ant10	2441	1.172	2440.4036	2441.5754	---	---
	Ant9	2480	1.175	2479.4036	2480.5784	---	---
	Ant10	2480	1.169	2479.4066	2480.5754	---	---
3DH1	Ant9	2402	1.157	2401.4336	2402.5904	---	---
	Ant10	2402	1.157	2401.4336	2402.5904	---	---
	Ant9	2441	1.154	2440.4336	2441.5874	---	---
	Ant10	2441	1.154	2440.4336	2441.5874	---	---
	Ant9	2480	1.157	2479.4336	2480.5904	---	---
	Ant10	2480	1.16	2479.4306	2480.5904	---	---

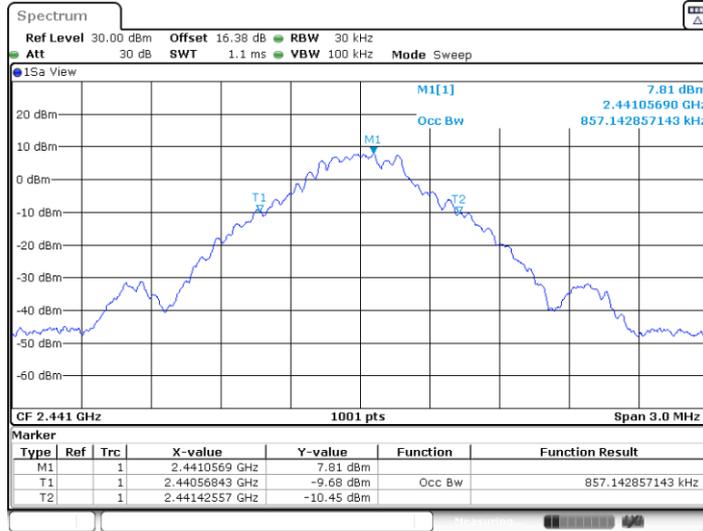


Test Graphs



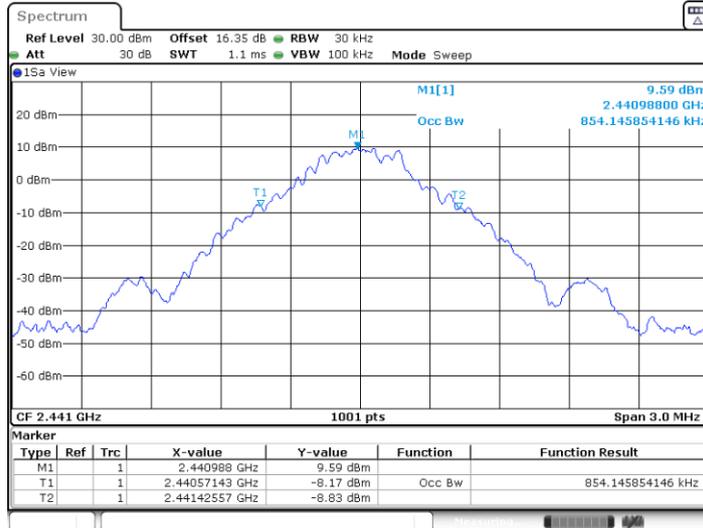


DH5_Ant9_2441



Date: 23.APR.2024 07:25:09

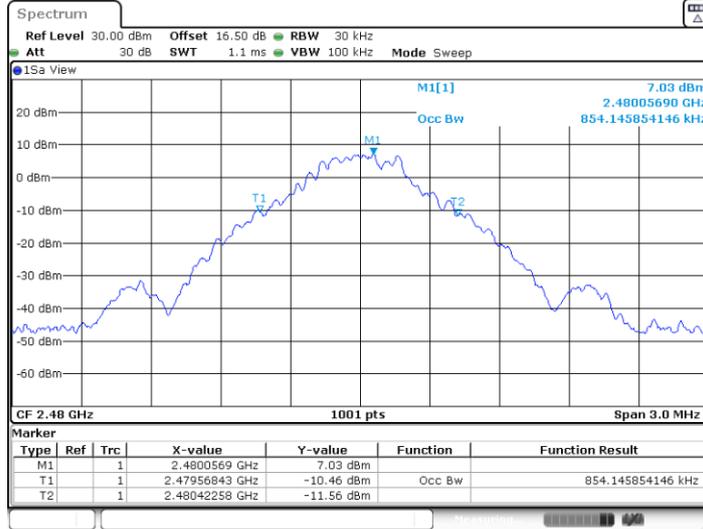
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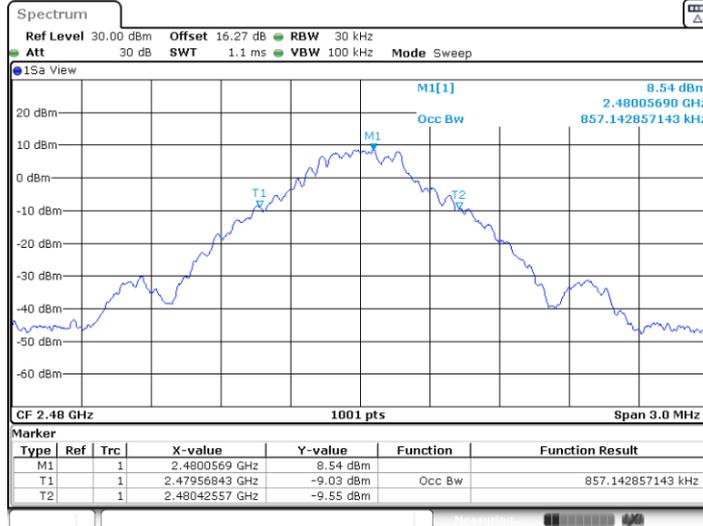


DH5_Ant9_2480



Date: 23.APR.2024 07:26:06

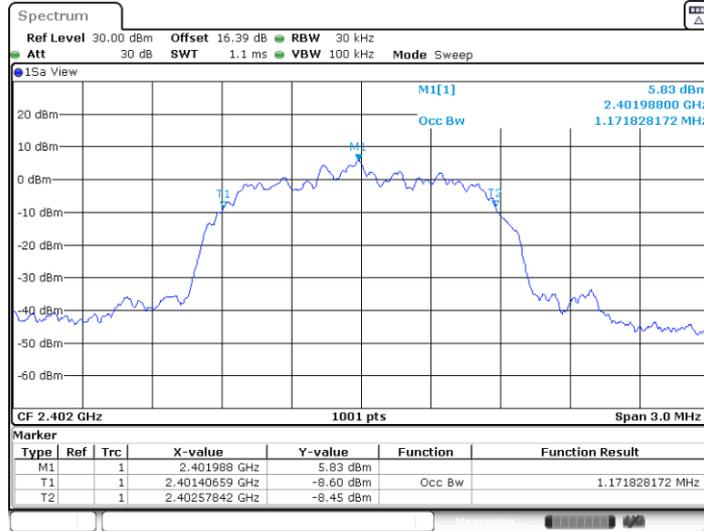
DH5_Ant10_2480



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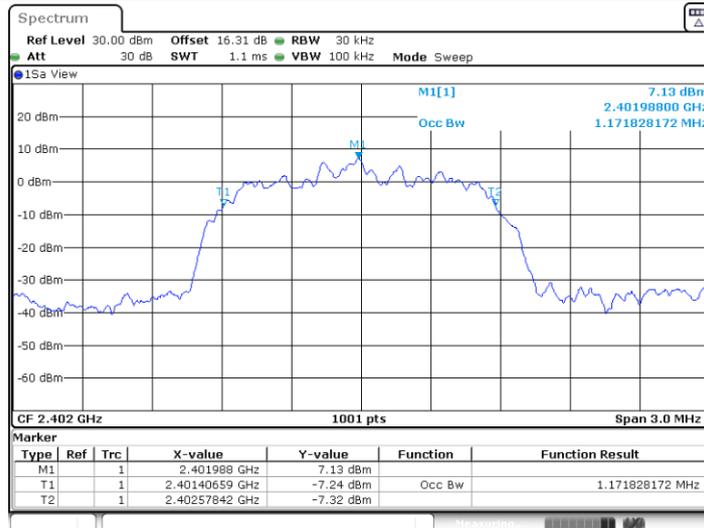


2DH1_Ant9_2402



Date: 23.APR.2024 07:27:31

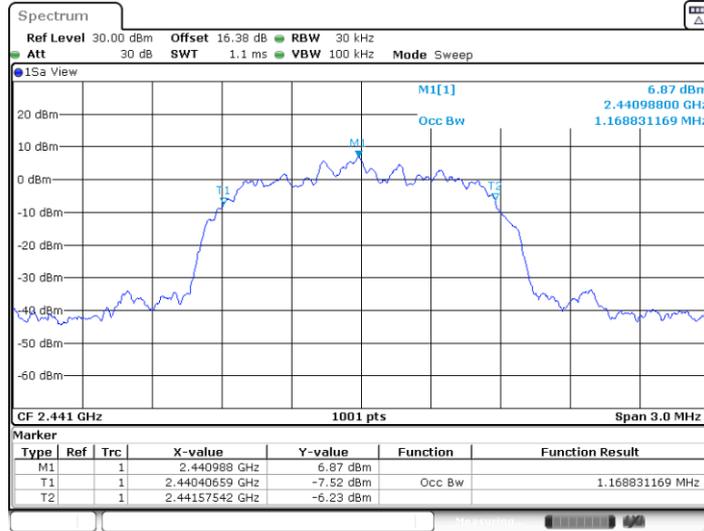
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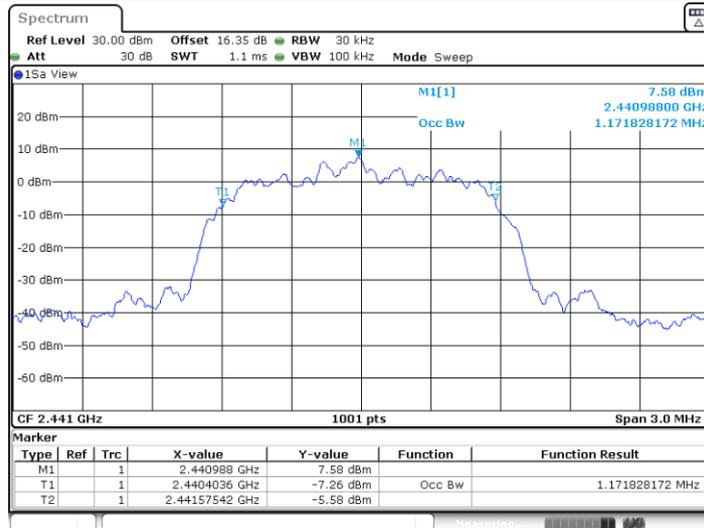


2DH1_Ant9_2441



Date: 23.APR.2024 07:28:53

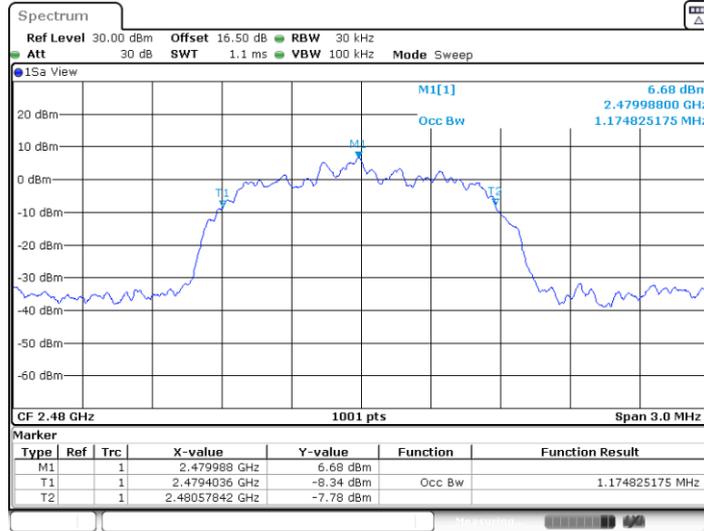
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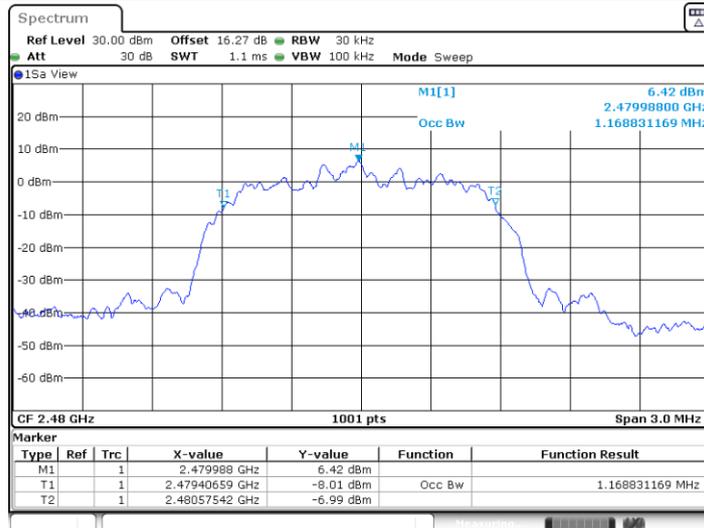


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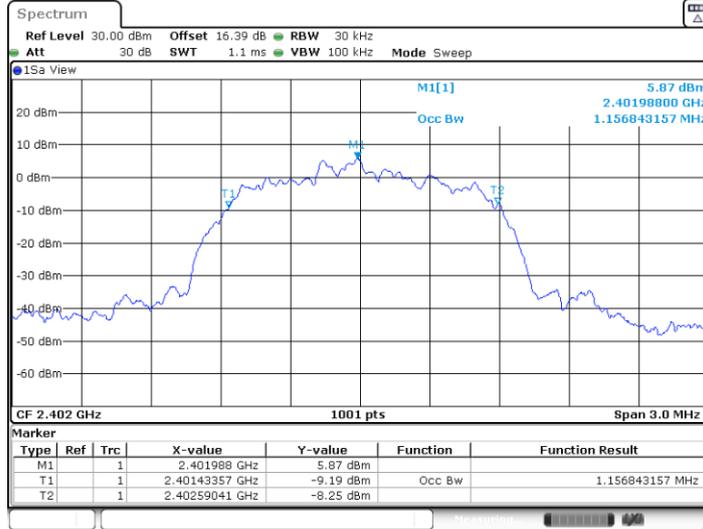
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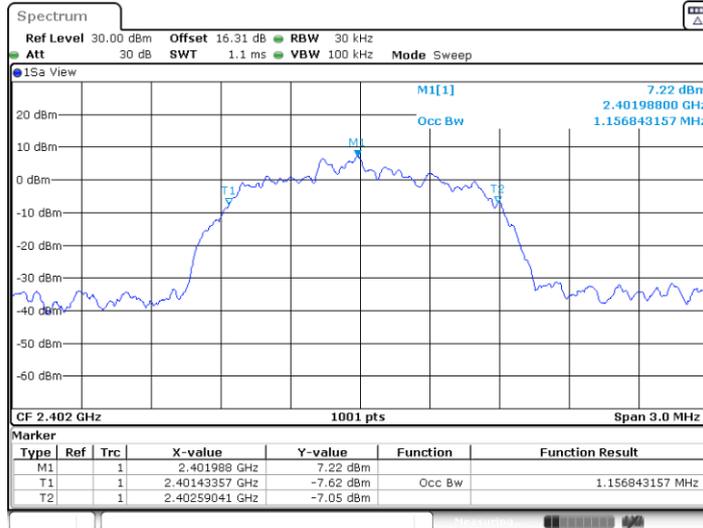


3DH1_Ant9_2402



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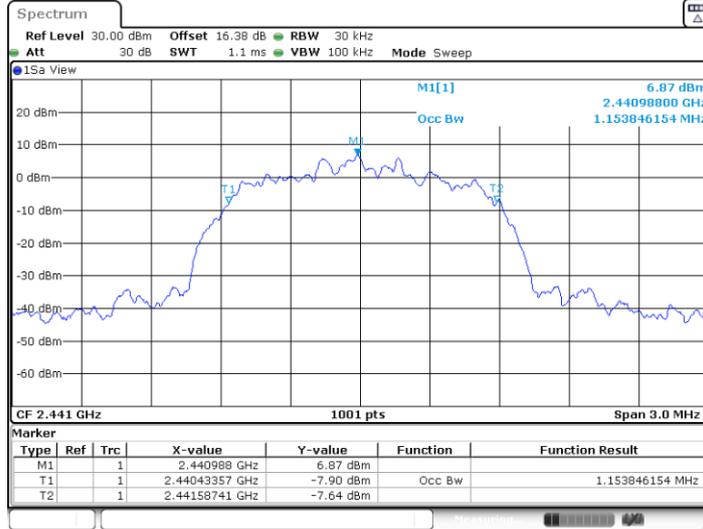
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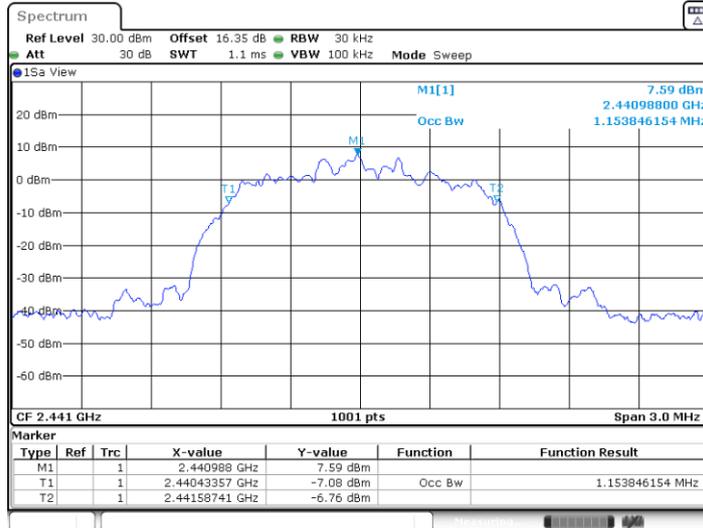


3DH1_Ant9_2441



Date: 23.APR.2024 07:33:03

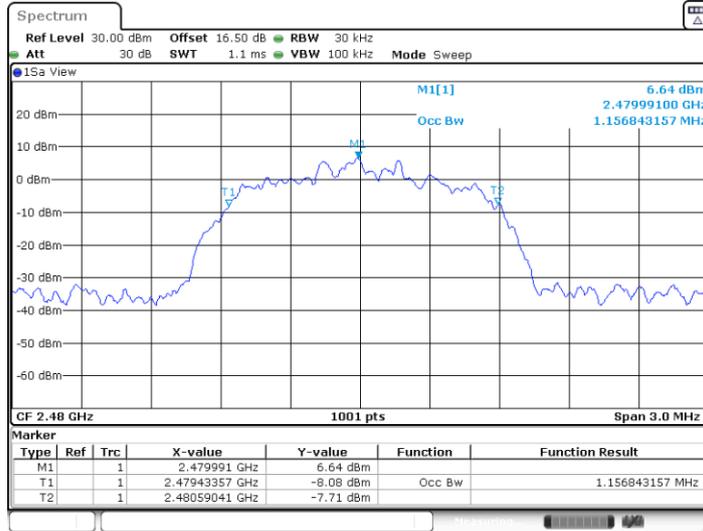
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Date: 23.APR.2024 07:57:53

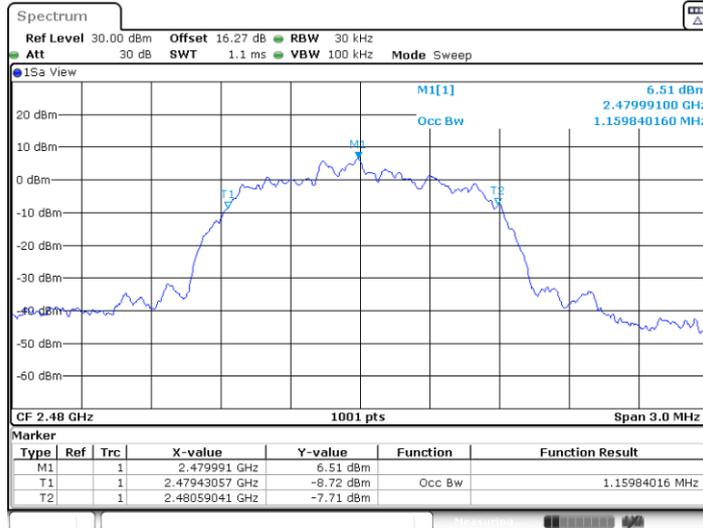


3DH1_Ant9_2480



Date: 23.APR.2024 07:34:07

3DH1_Ant10_2480



Date: 23.APR.2024 08:21:18



Maximum conducted output power

Test Result Peak

TestMode	Antenna	CH.	Peak Power (dBm)	Power Limit (dBm)	Pass/Fail
DH5	Ant9	0	10.64	20.97	Pass
		39	11.29	20.97	Pass
		78	10.85	20.97	Pass
2DH5	Ant9	0	11.70	20.97	Pass
		39	12.95	20.97	Pass
		78	12.14	20.97	Pass
3DH5	Ant9	0	12.12	20.97	Pass
		39	13.42	20.97	Pass
		78	12.51	20.97	Pass
DH5	Ant10	0	10.99	20.97	Pass
		39	12.63	20.97	Pass
		78	11.70	20.97	Pass
2DH5	Ant10	0	12.33	20.97	Pass
		39	13.46	20.97	Pass
		78	11.95	20.97	Pass
3DH5	Ant10	0	12.62	20.97	Pass
		39	13.83	20.97	Pass
		78	12.38	20.97	Pass
DH5	Ant9+10	0	13.83	20.97	Pass
		39	15.02	20.97	Pass
		78	14.31	20.97	Pass
2DH5	Ant9+10	0	15.04	20.97	Pass
		39	16.22	20.97	Pass
		78	15.06	20.97	Pass
3DH5	Ant9+10	0	15.39	20.97	Pass
		39	16.64	20.97	Pass
		78	15.46	20.97	Pass



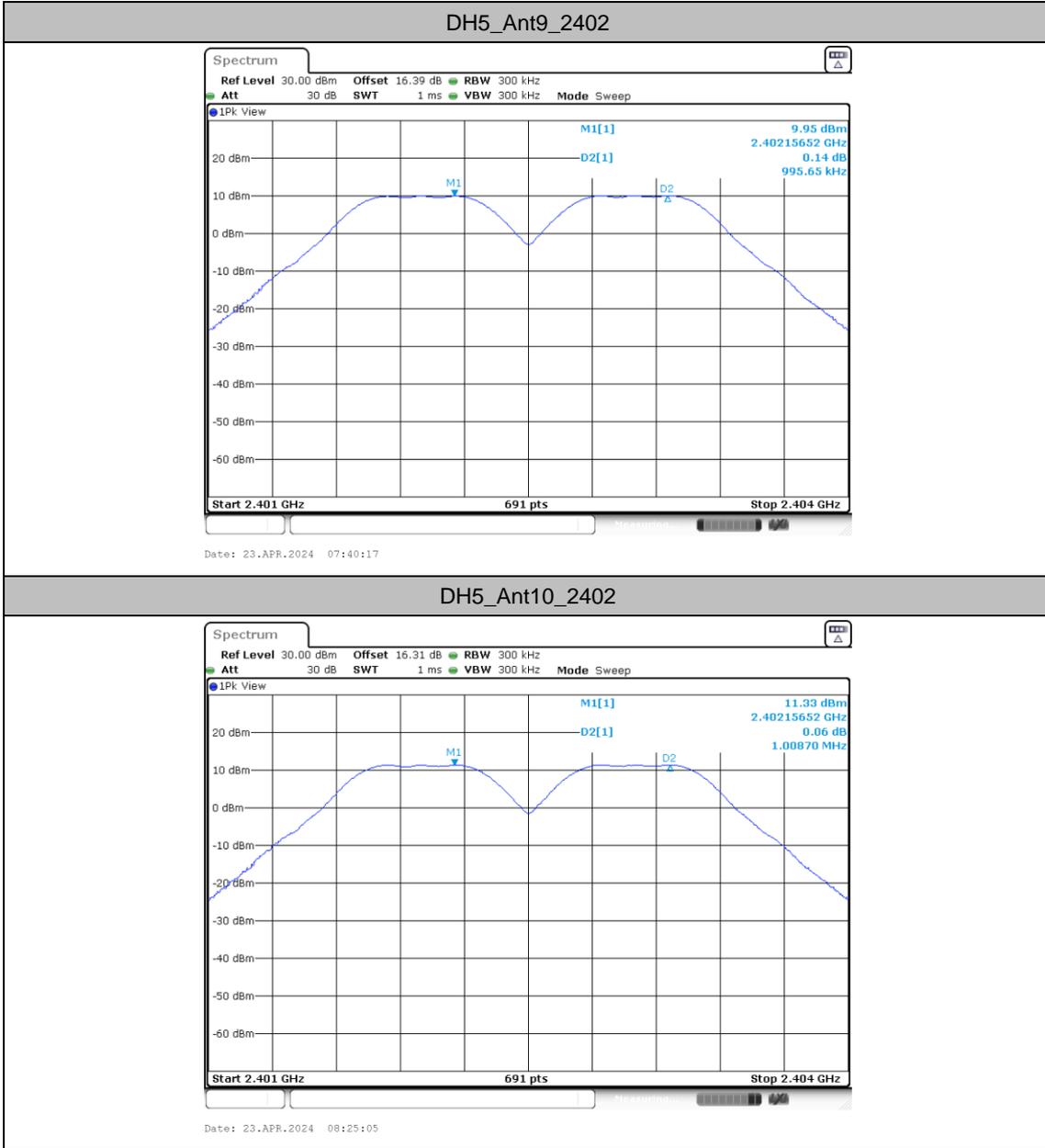
Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant9	2402	0.996	≥0.633	PASS
	Ant10	2402	1.009	≥0.633	PASS
	Ant9	2441	1.126	≥0.633	PASS
	Ant10	2441	1	≥0.633	PASS
	Ant9	2480	1	≥0.633	PASS
	Ant10	2480	0.996	≥0.633	PASS
2DH1	Ant9	2402	1.013	≥0.867	PASS
	Ant10	2402	1	≥0.873	PASS
	Ant9	2441	1.148	≥0.867	PASS
	Ant10	2441	1.017	≥0.873	PASS
	Ant9	2480	0.996	≥0.867	PASS
	Ant10	2480	0.978	≥0.867	PASS
3DH1	Ant9	2402	1.165	≥0.847	PASS
	Ant10	2402	0.996	≥0.847	PASS
	Ant9	2441	1.135	≥0.847	PASS
	Ant10	2441	1.009	≥0.847	PASS
	Ant9	2480	1.017	≥0.847	PASS
	Ant10	2480	1	≥0.847	PASS

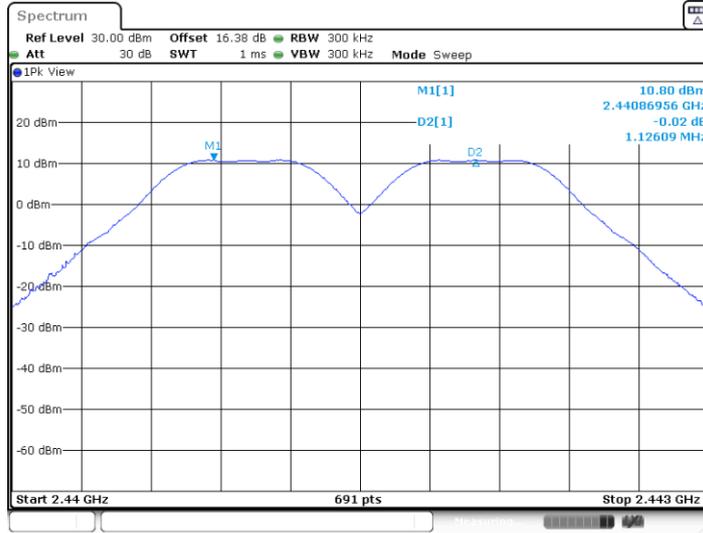


Test Graphs



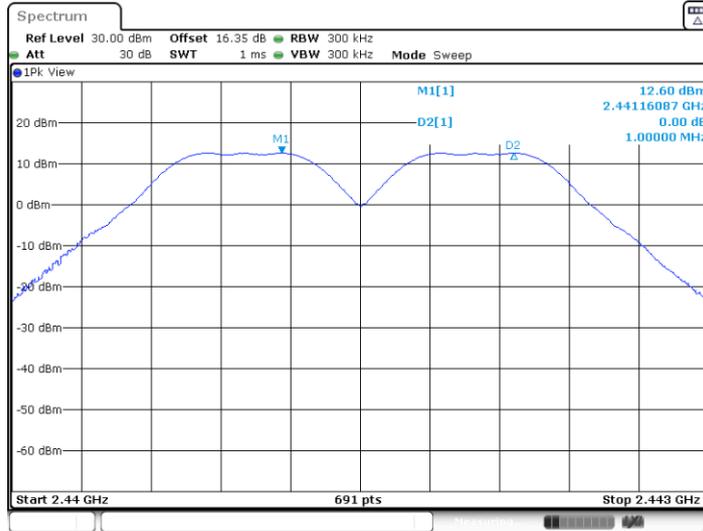


DH5_Ant9_2441



Date: 23.APR.2024 07:40:35

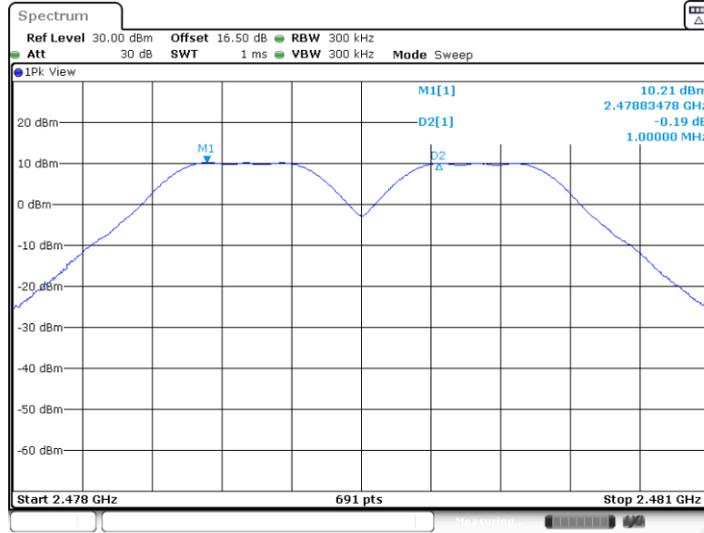
DH5_Ant10_2441



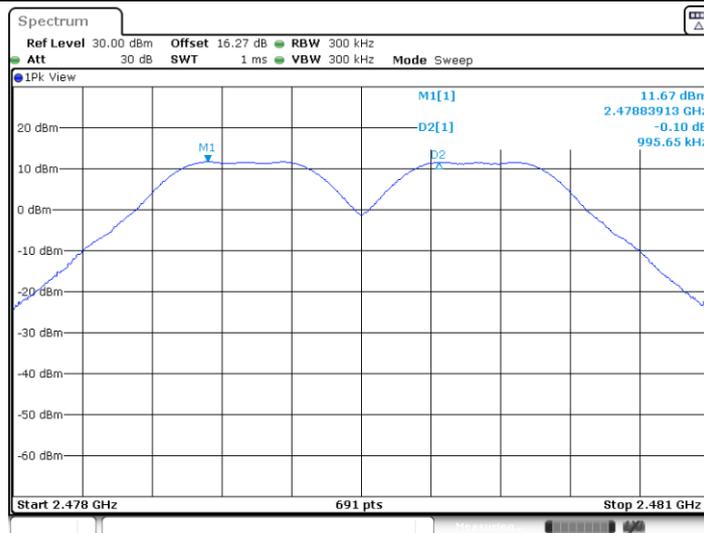
Date: 23.APR.2024 08:25:21



DH5_Ant9_2480

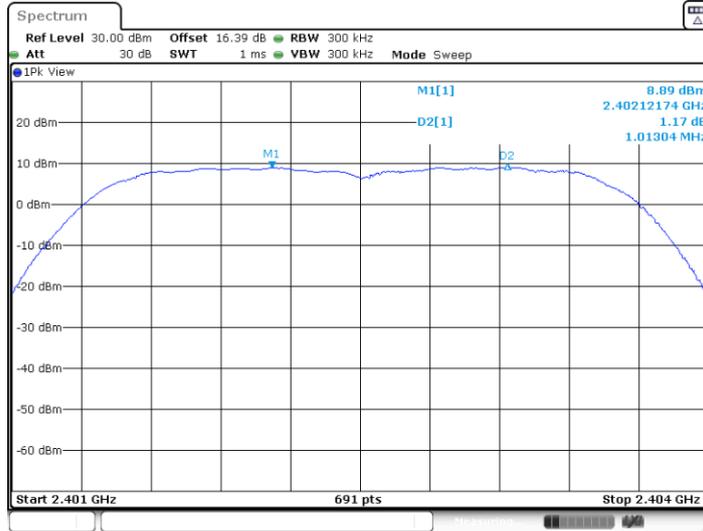


DH5_Ant10_2480



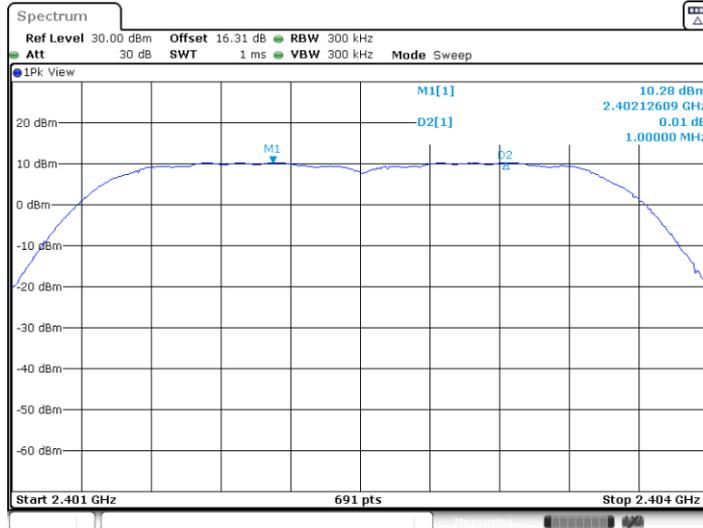


2DH1_Ant9_2402



Date: 23.APR.2024 07:41:14

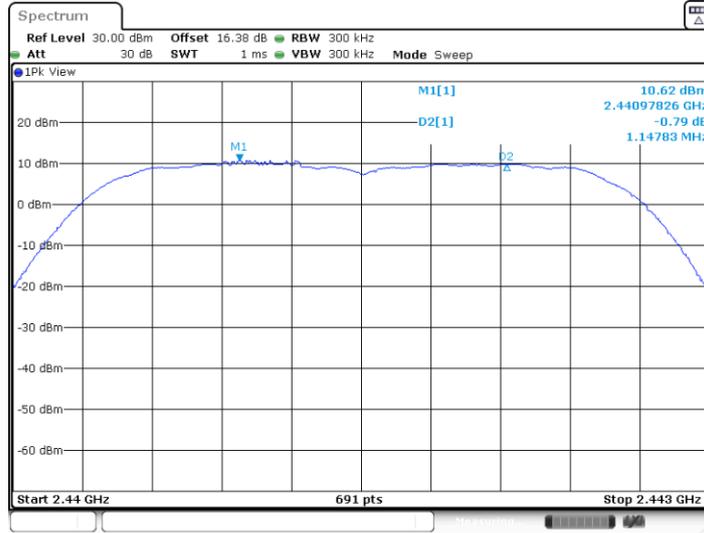
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Date: 23.APR.2024 08:25:59

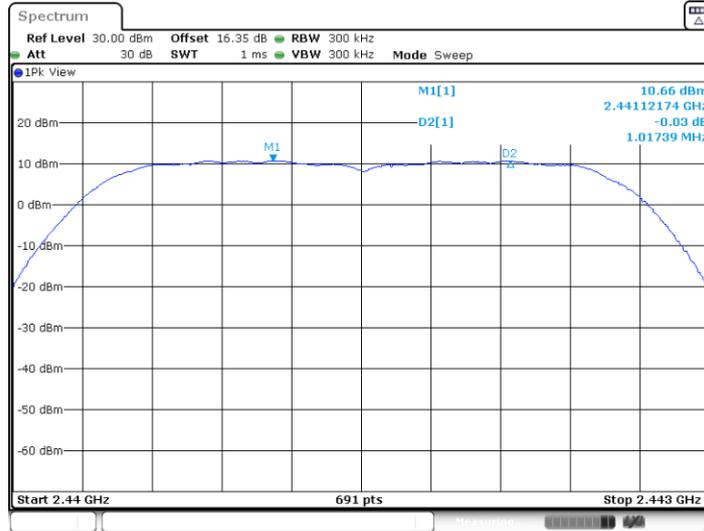


2DH1_Ant9_2441



Date: 23.APR.2024 07:42:10

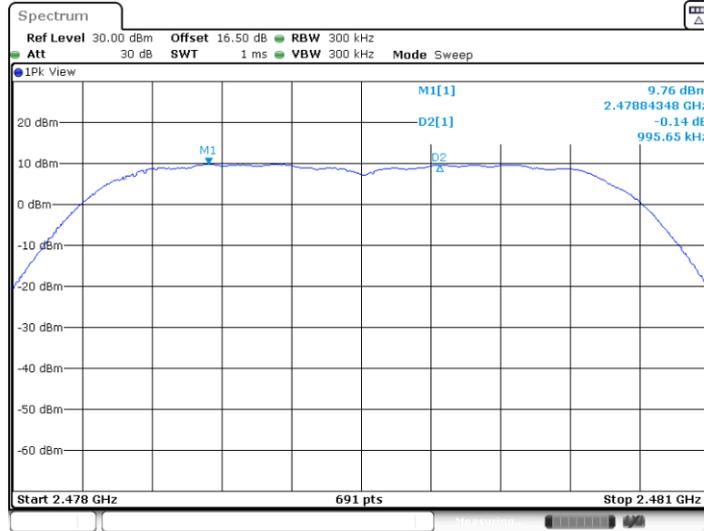
2DH1_Ant10_2441



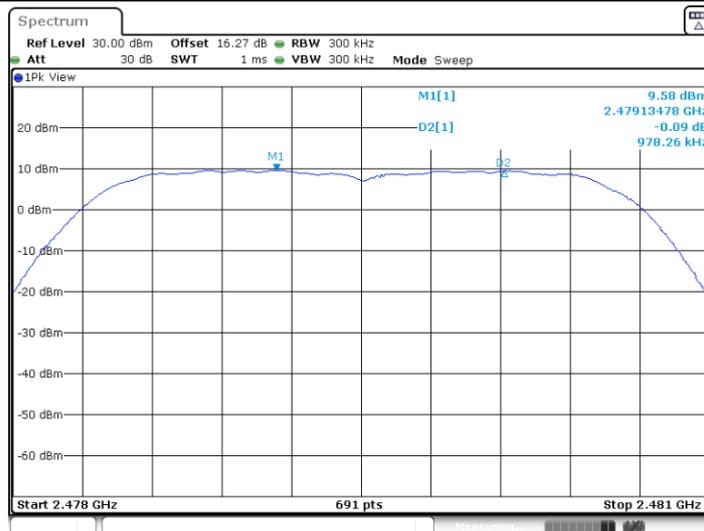
Date: 23.APR.2024 08:26:24



2DH1_Ant9_2480

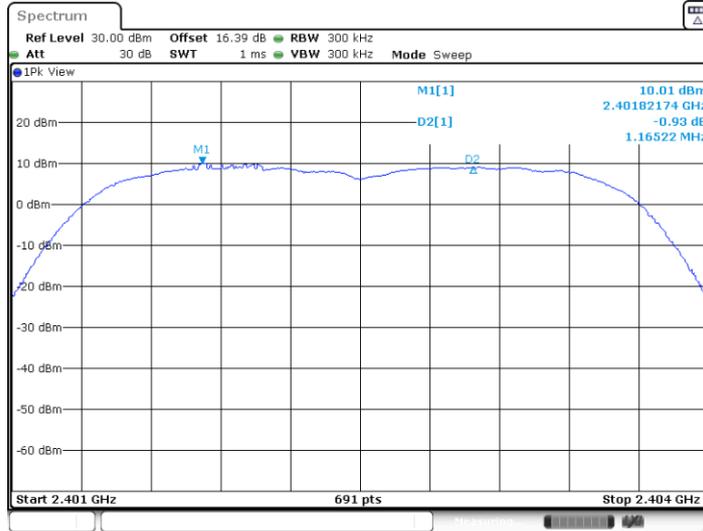


2DH1_Ant10_2480



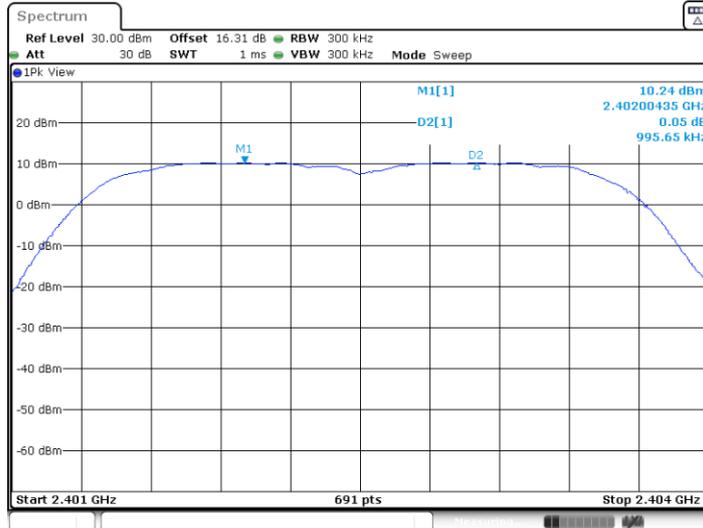


3DH1_Ant9_2402



Date: 23.APR.2024 07:44:27

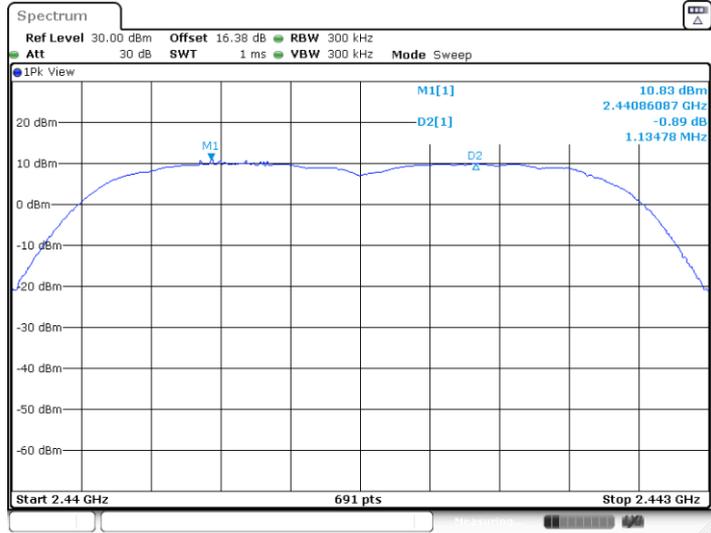
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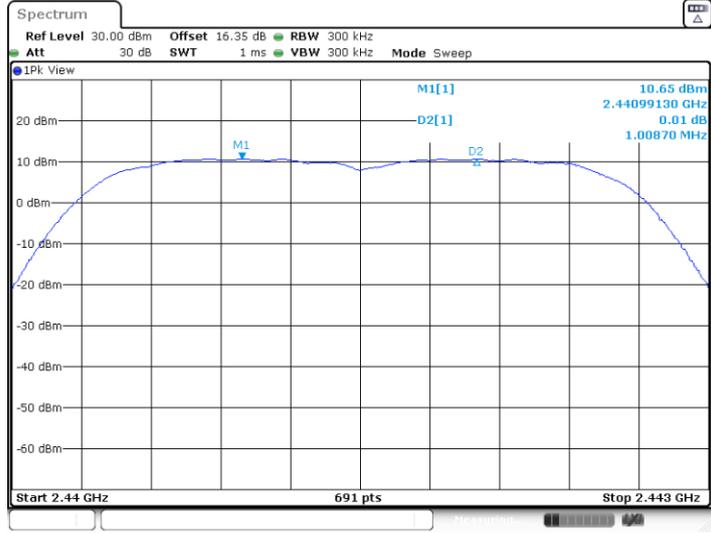
Date: 23.APR.2024 08:28:00



3DH1_Ant9_2441

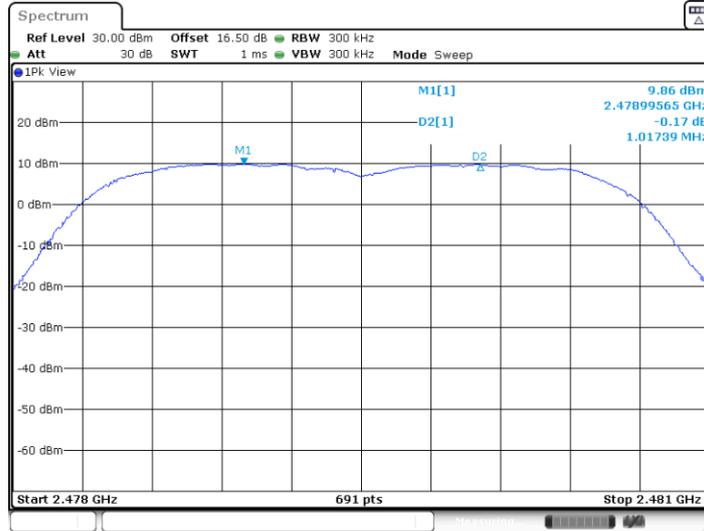


3DH1_Ant10_2441



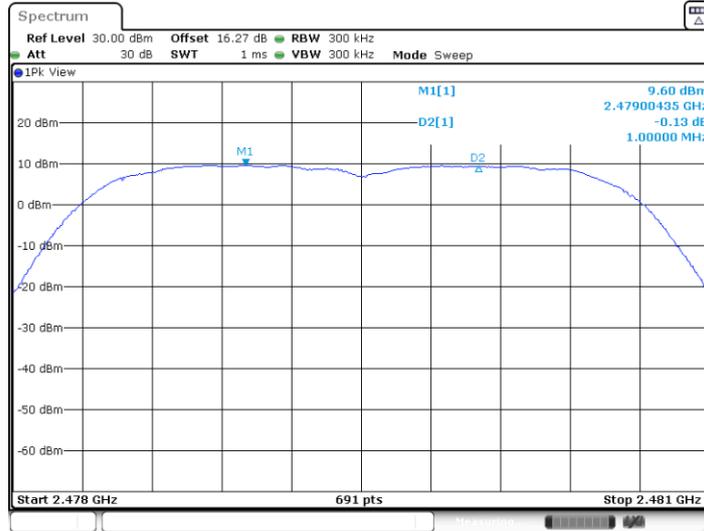


3DH1_Ant9_2480



Date: 23.APR.2024 07:44:54

3DH1_Ant10_2480



Date: 23.APR.2024 08:28:26



Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant9	Hop	79	≥15	PASS
	Ant10	Hop	79	≥15	PASS

Test Graphs







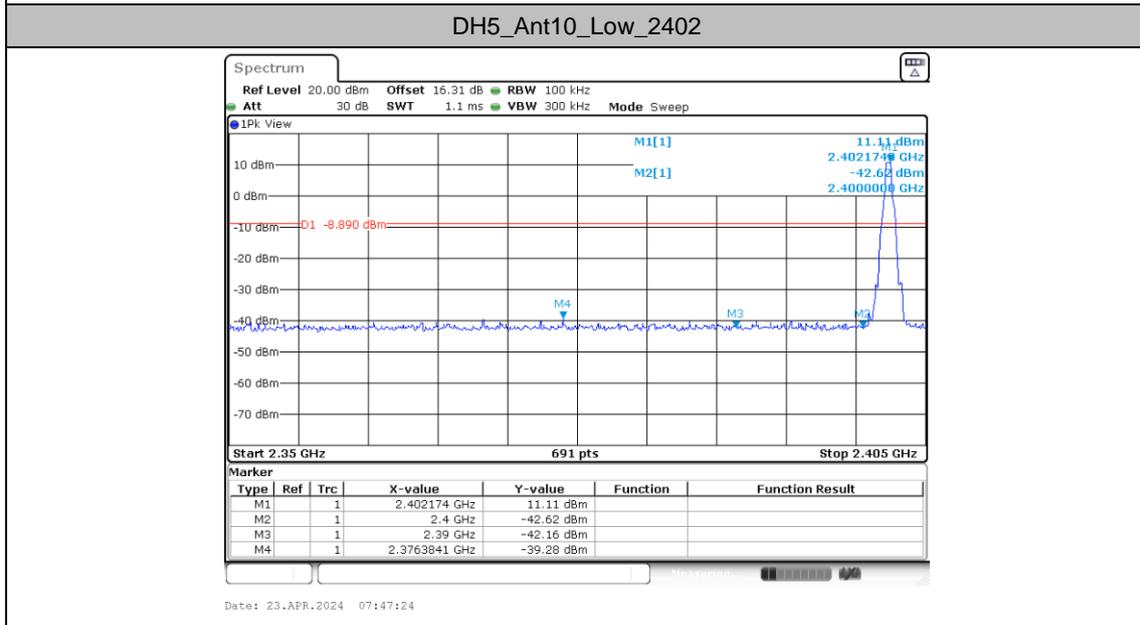
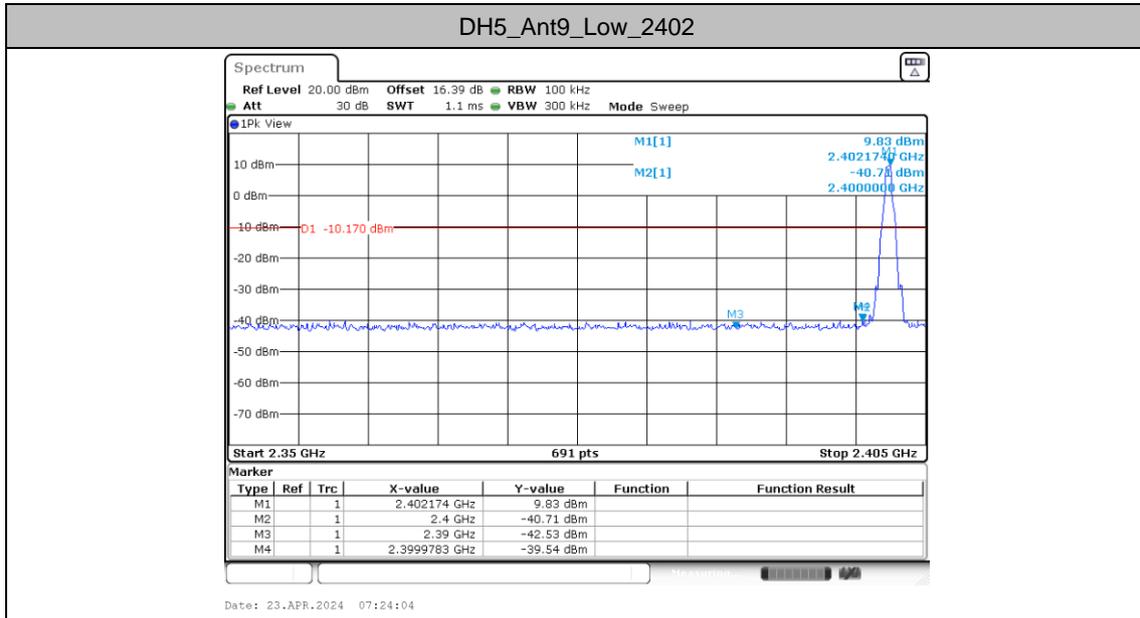
Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant9	Low	2402	9.83	-39.54	≤-10.17	PASS
	Ant10	Low	2402	11.11	-39.28	≤-8.89	PASS
	Ant9	High	2480	9.76	-38.99	≤-10.24	PASS
	Ant10	High	2480	11.34	-38.82	≤-8.66	PASS
	Ant9	Low	Hop_2402	9.46	-40.65	≤-10.54	PASS
	Ant10	Low	Hop_2402	11.08	-39.69	≤-8.92	PASS
	Ant9	High	Hop_2480	10.27	-38.5	≤-9.73	PASS
	Ant10	High	Hop_2480	11.54	-38.95	≤-8.46	PASS
2DH1	Ant9	Low	2402	8.58	-40.09	≤-11.42	PASS
	Ant10	Low	2402	9.92	-36.22	≤-10.08	PASS
	Ant9	High	2480	9.39	-38.97	≤-10.61	PASS
	Ant10	High	2480	9.10	-38.96	≤-10.9	PASS
	Ant9	Low	Hop_2402	8.06	-40.08	≤-11.94	PASS
	Ant10	Low	Hop_2402	9.27	-39.95	≤-10.73	PASS
	Ant9	High	Hop_2480	9.35	-38.83	≤-10.65	PASS
	Ant10	High	Hop_2480	9.33	-39.27	≤-10.67	PASS
3DH1	Ant9	Low	2402	8.69	-40.06	≤-11.31	PASS
	Ant10	Low	2402	10.05	-36.11	≤-9.95	PASS
	Ant9	High	2480	9.43	-38.94	≤-10.57	PASS
	Ant10	High	2480	9.22	-38.71	≤-10.78	PASS
	Ant9	Low	Hop_2402	8.71	-40.49	≤-11.29	PASS
	Ant10	Low	Hop_2402	9.36	-38.22	≤-10.64	PASS
	Ant9	High	Hop_2480	9.73	-38.74	≤-10.27	PASS
	Ant10	High	Hop_2480	9.75	-38.84	≤-10.25	PASS

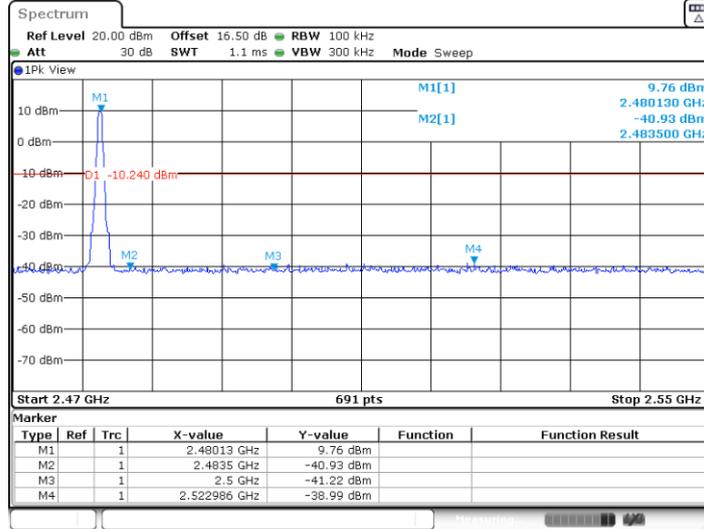


Test Graphs





DH5_Ant9_High_2480



DH5_Ant10_High_2480

