

RF Test Data for Bluetooth (BR+EDR)(Right) (Conducted Measurements)

General Description of EUT	
EUT Name:	Smart Glasses
Model:	W AI 2
Sample ID:	HC-C-202605-0116-01-01
Test Standard:	FCC Part 15.247
Environmental Conditions	
Ambient Temperature:	25.6℃
Ambient Humidity:	45.2%RH
Test Power Supply:	DC 3.7V
Test Engineer:	Kael Li
Note: For a more detailed features description, please refer to the report TBR-C-202605-0116-11	

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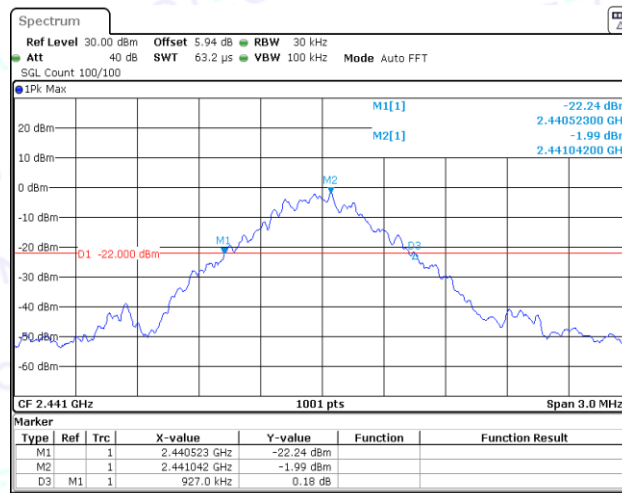
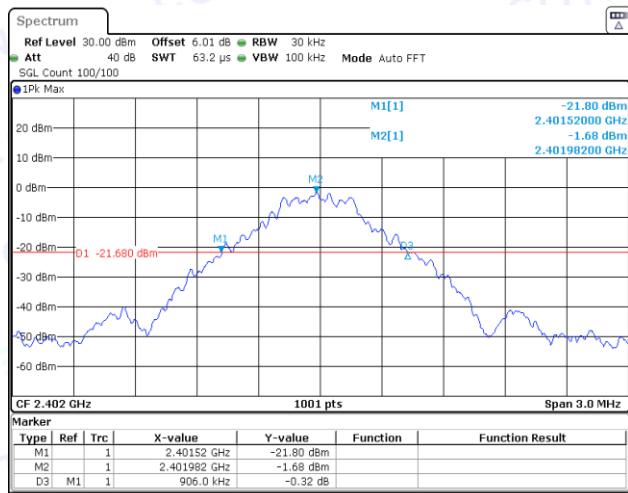
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1: 20dB Emission Bandwidth

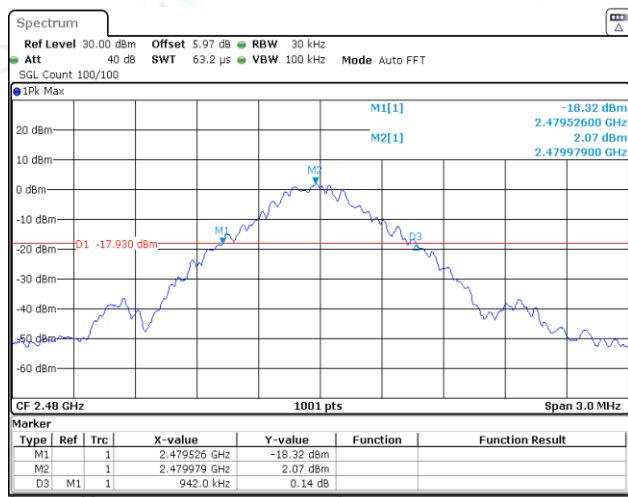
1.1 Test Result

Test Mode	Antenna	Frequency[MHz]	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.91	2401.52	2402.43	---	---
DH5	Ant1	2441	0.93	2440.52	2441.45	---	---
DH5	Ant1	2480	0.94	2479.53	2480.47	---	---
2DH5	Ant1	2402	1.28	2401.36	2402.63	---	---
2DH5	Ant1	2441	1.28	2440.35	2441.63	---	---
2DH5	Ant1	2480	1.33	2479.32	2480.65	---	---
3DH5	Ant1	2402	1.27	2401.34	2402.61	---	---
3DH5	Ant1	2441	1.29	2440.34	2441.63	---	---
3DH5	Ant1	2480	1.32	2479.32	2480.64	---	---

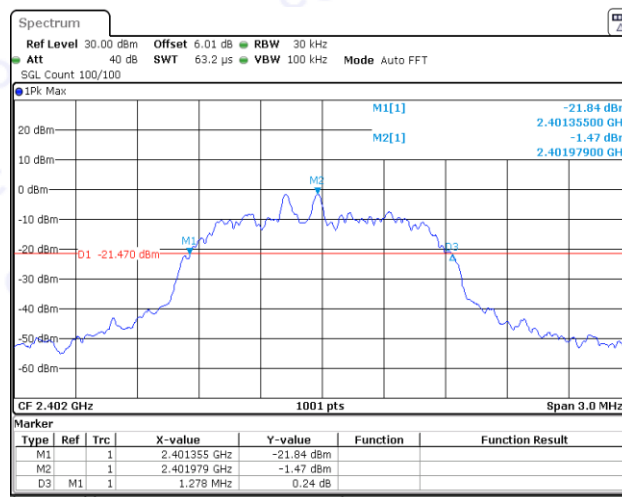
1.2 Test Graphs



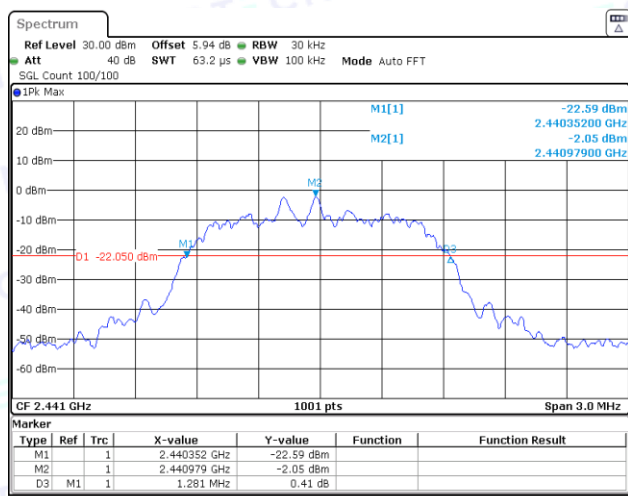
DH5-Ant1-2402



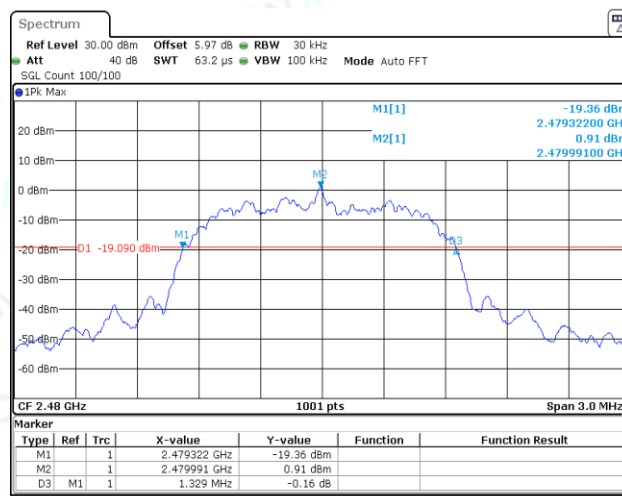
DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402

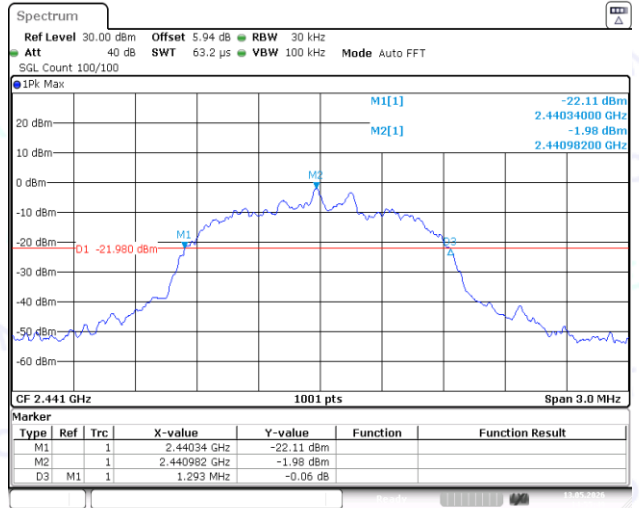


2DH5-Ant1-2441

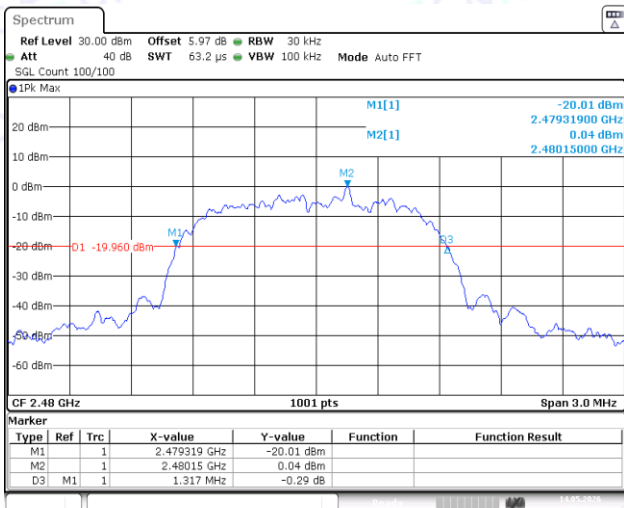
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



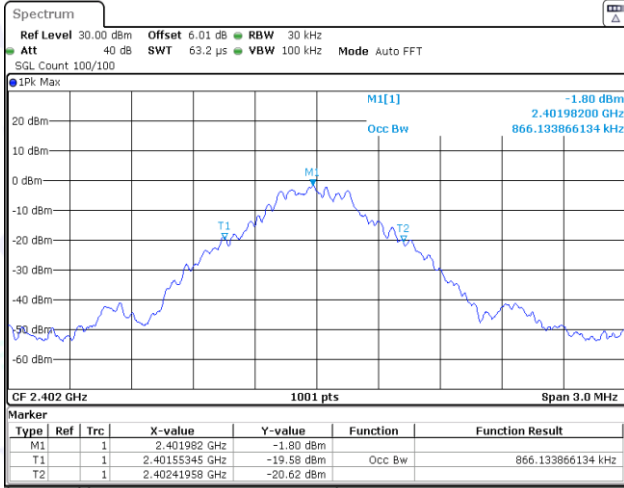
3DH5-Ant1-2480

2: Occupied Channel Bandwidth

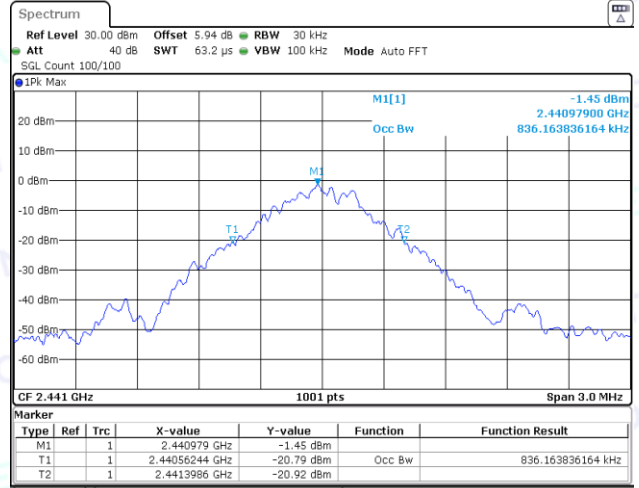
2.1 Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86613	2401.5534	2402.4196	---	---
DH5	Ant1	2441	0.83616	2440.5624	2441.3986	---	---
DH5	Ant1	2480	0.86314	2479.5504	2480.4136	---	---
2DH5	Ant1	2402	1.1808	2401.3916	2402.5724	---	---
2DH5	Ant1	2441	1.1718	2440.3946	2441.5664	---	---
2DH5	Ant1	2480	1.1958	2479.3916	2480.5874	---	---
3DH5	Ant1	2402	1.1808	2401.3916	2402.5724	---	---
3DH5	Ant1	2441	1.1688	2440.3976	2441.5664	---	---
3DH5	Ant1	2480	1.1808	2479.3946	2480.5754	---	---

2.2 Test Graphs

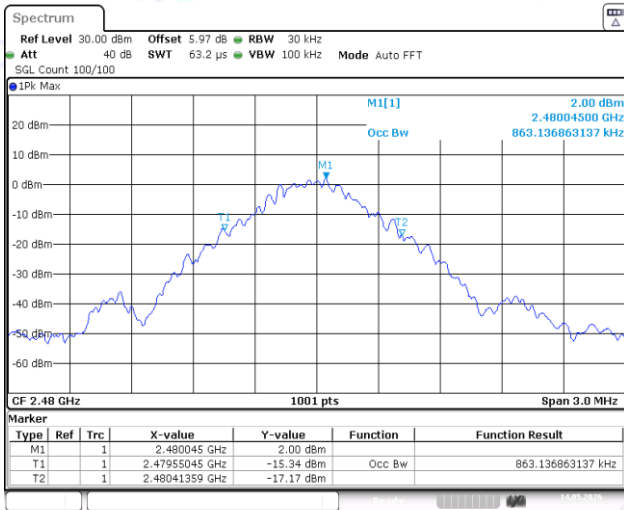


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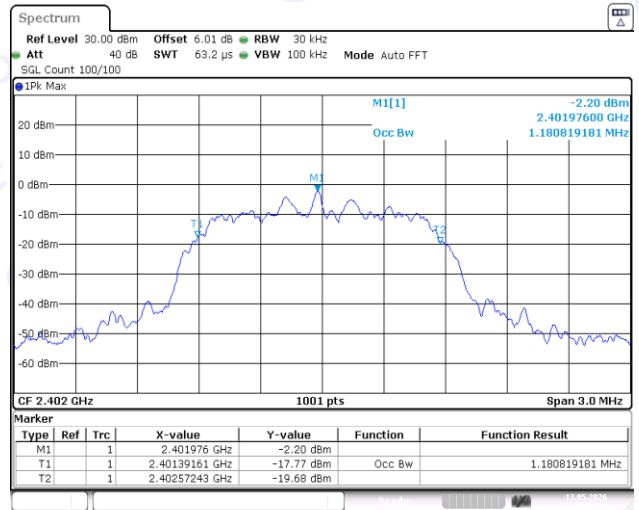
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DH5-Ant1-2402



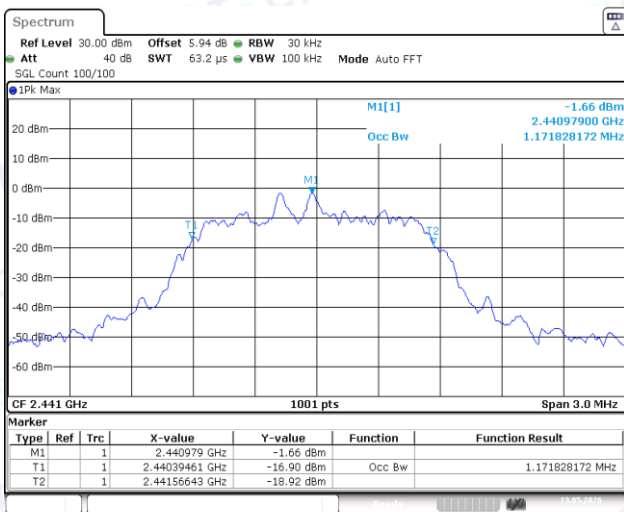
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DH5-Ant1-2441



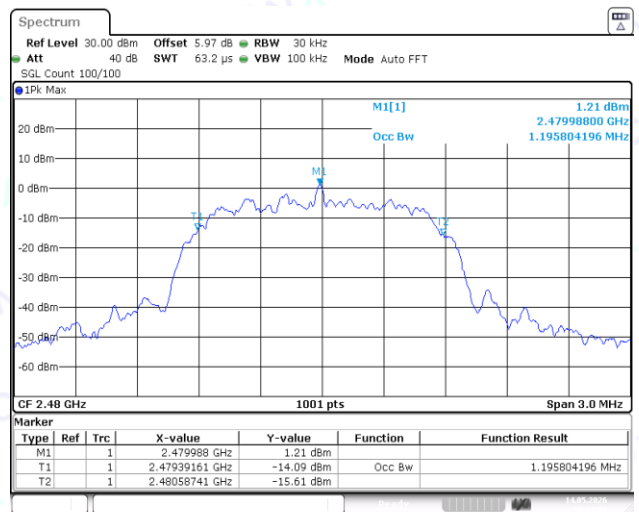
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DH5-Ant1-2480



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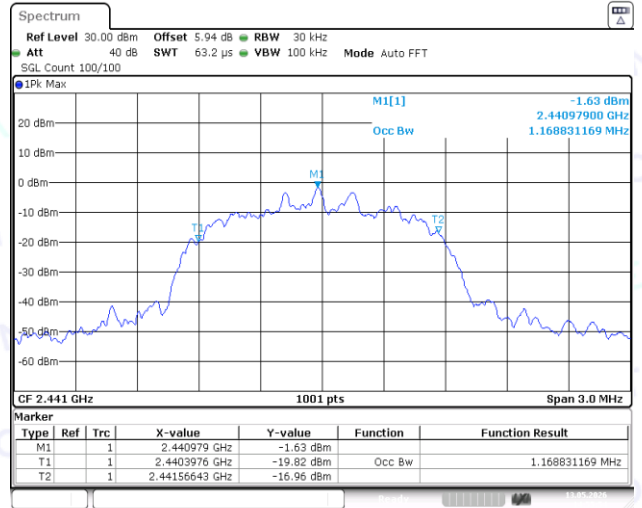
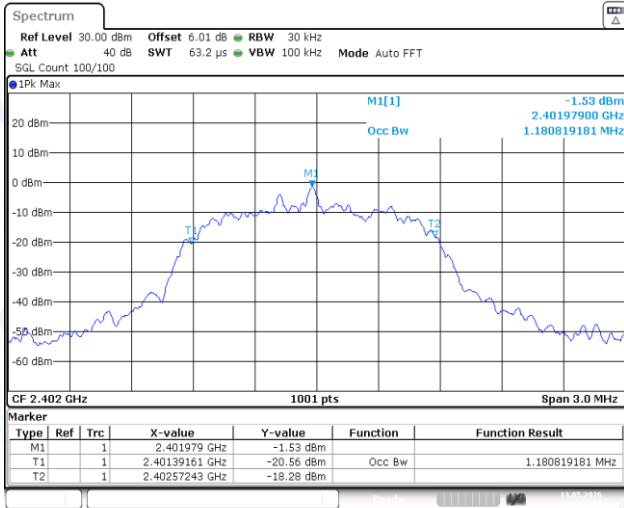
2DH5-Ant1-2402



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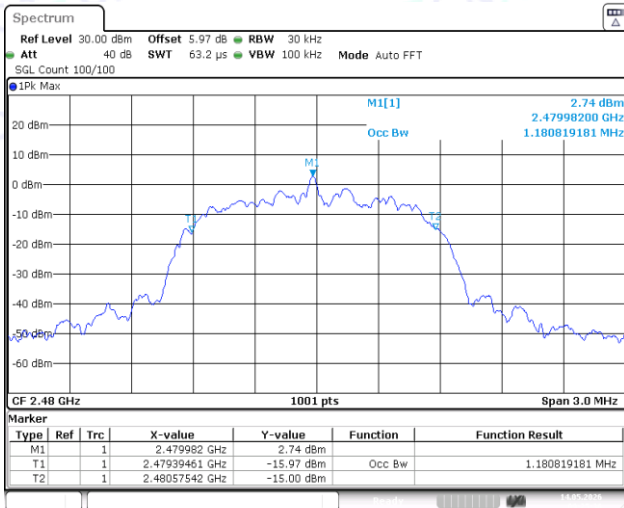
2DH5-Ant1-2441

2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



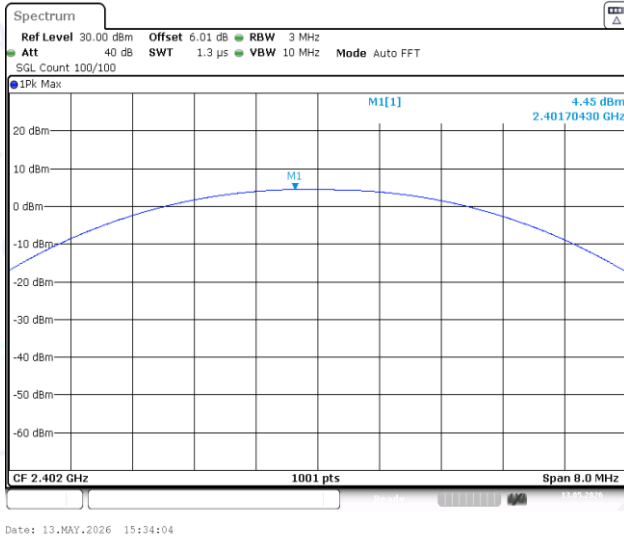
3DH5-Ant1-2480

3: Maximum conducted output power

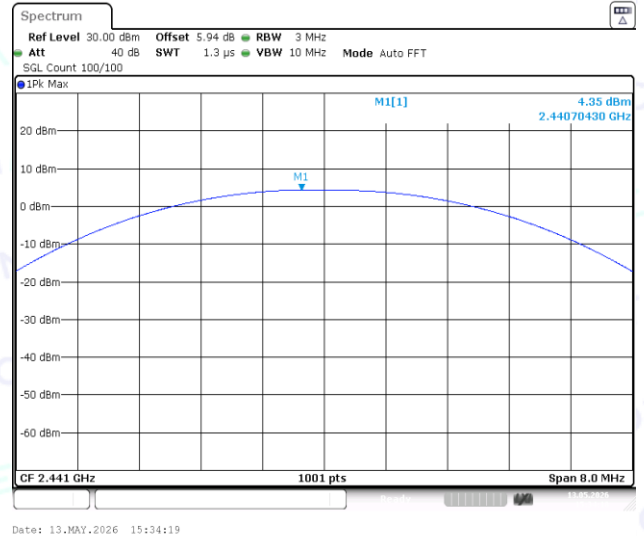
3.1 Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	4.45	≤21	PASS
DH5	Ant1	2441	4.35	≤21	PASS
DH5	Ant1	2480	4.18	≤21	PASS
2DH5	Ant1	2402	5.02	≤21	PASS
2DH5	Ant1	2441	4.97	≤21	PASS
2DH5	Ant1	2480	4.65	≤21	PASS
3DH5	Ant1	2402	5.31	≤21	PASS
3DH5	Ant1	2441	5.28	≤21	PASS
3DH5	Ant1	2480	4.49	≤21	PASS

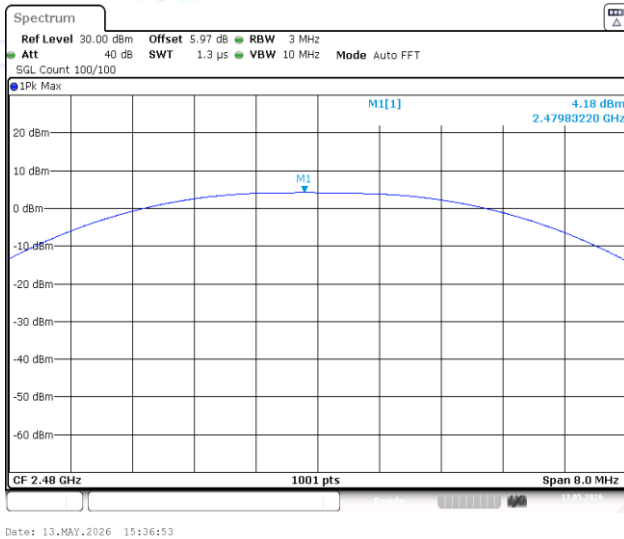
3.2 Test Graphs



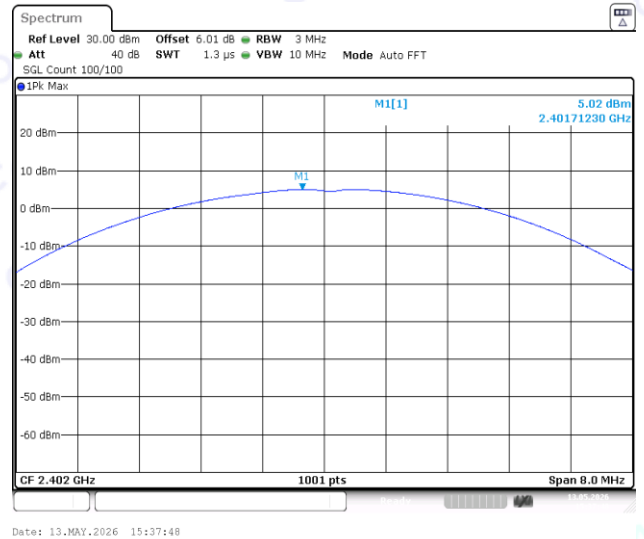
DH5-Ant1-2402-PASS



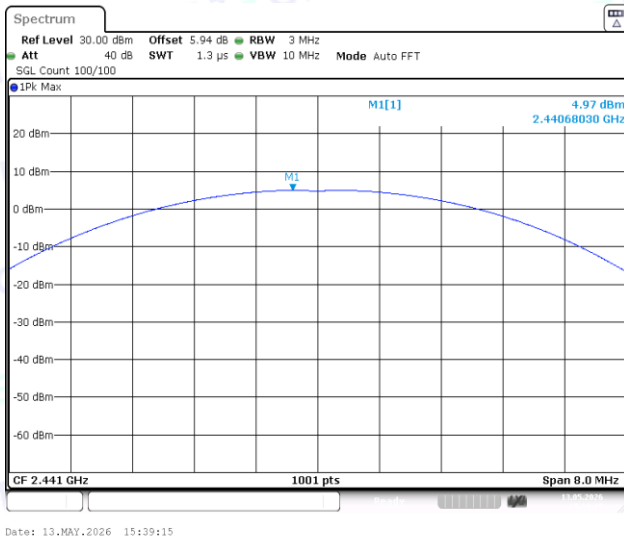
DH5-Ant1-2441-PASS



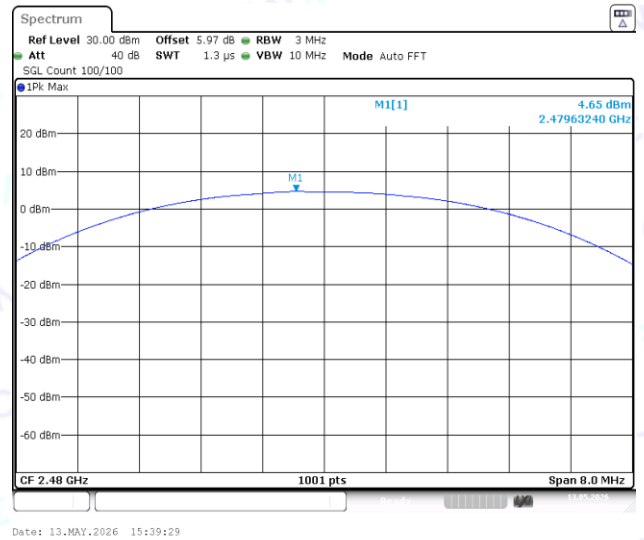
DH5-Ant1-2480-PASS



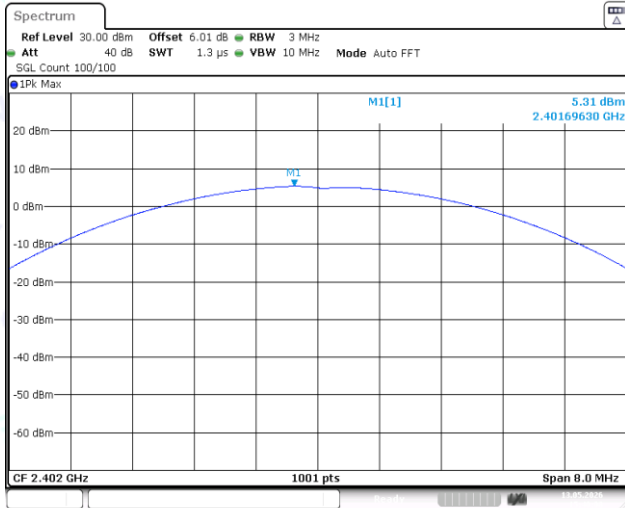
2DH5-Ant1-2402-PASS



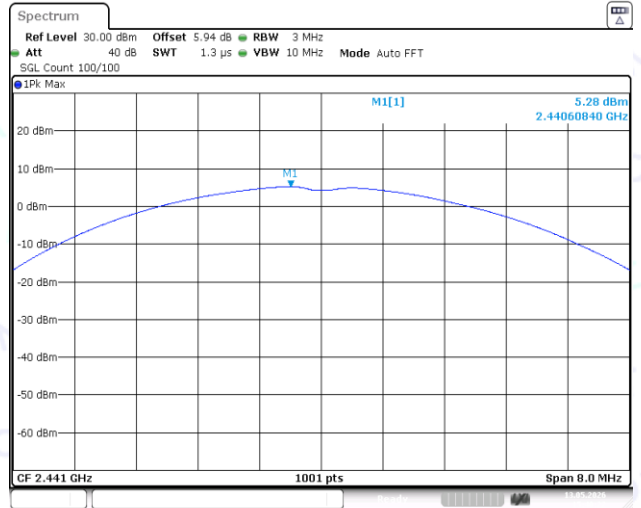
2DH5-Ant1-2441-PASS



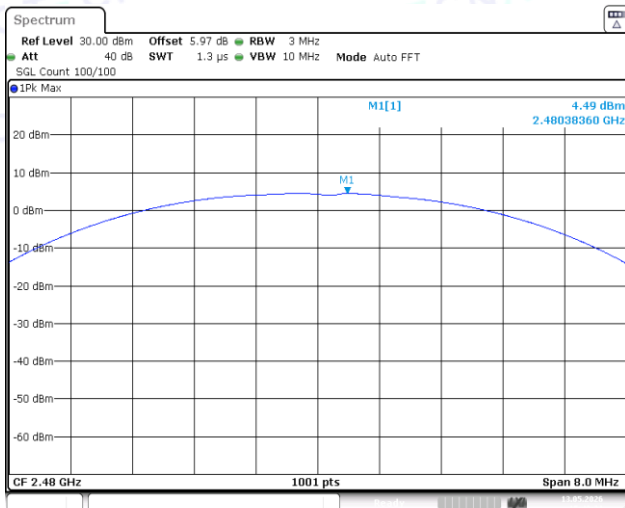
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



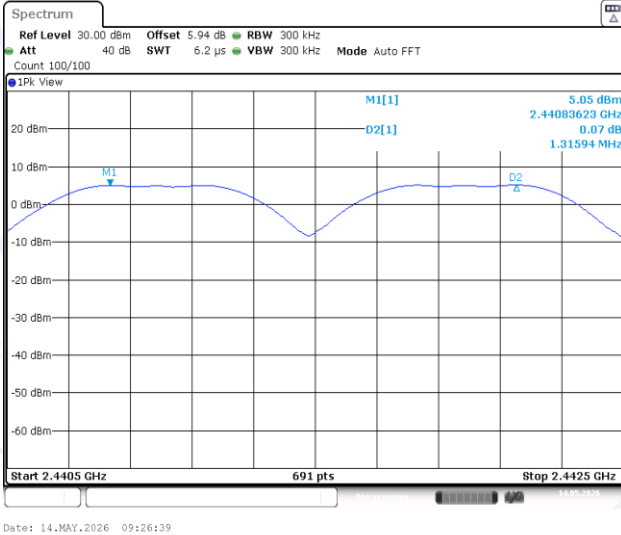
3DH5-Ant1-2480-PASS

4: Carrier frequency separation

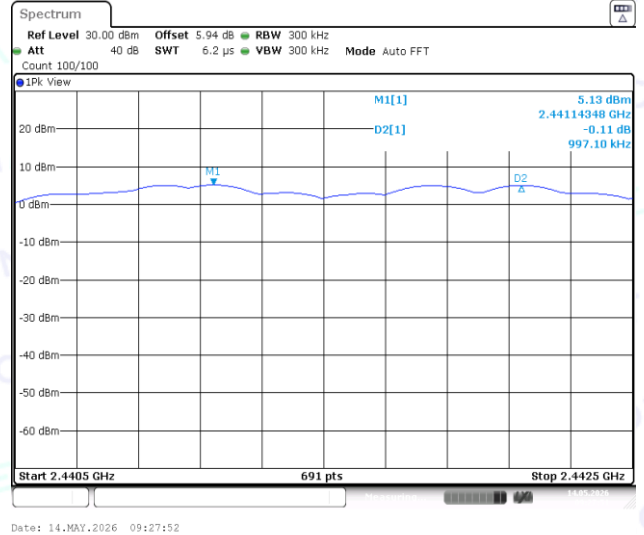
4.1 Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.316	≥ 0.940	PASS
2DH5	Ant1	Hop	0.997	≥ 0.887	PASS
3DH5	Ant1	Hop	0.965	≥ 0.880	PASS

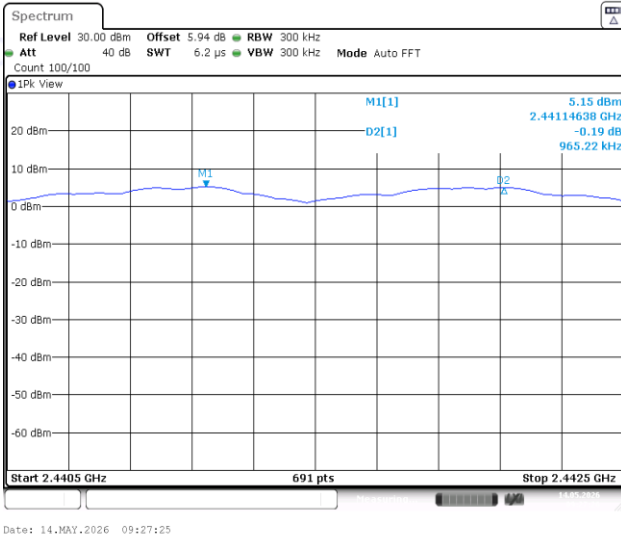
4.2 Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



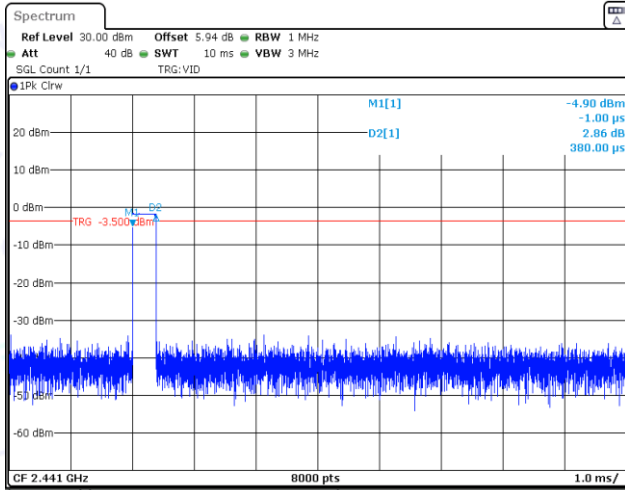
3DH5-Ant1-Hop-PASS

5: Time of occupancy

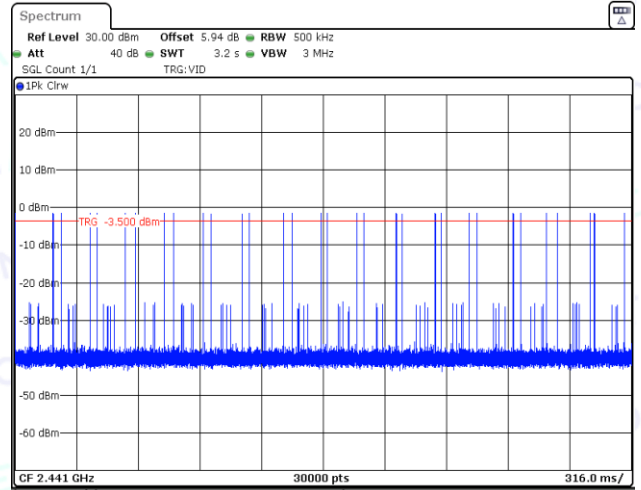
5.1 Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.629	180	0.293	≤0.4	PASS
DH5	Ant1	Hop	2.869	120	0.344	≤0.4	PASS
2DH1	Ant1	Hop	0.390	330	0.129	≤0.4	PASS
2DH3	Ant1	Hop	1.634	200	0.327	≤0.4	PASS
2DH5	Ant1	Hop	2.874	90	0.259	≤0.4	PASS
3DH1	Ant1	Hop	0.390	330	0.129	≤0.4	PASS
3DH3	Ant1	Hop	1.633	160	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.877	120	0.345	≤0.4	PASS

5.2 Test Graphs



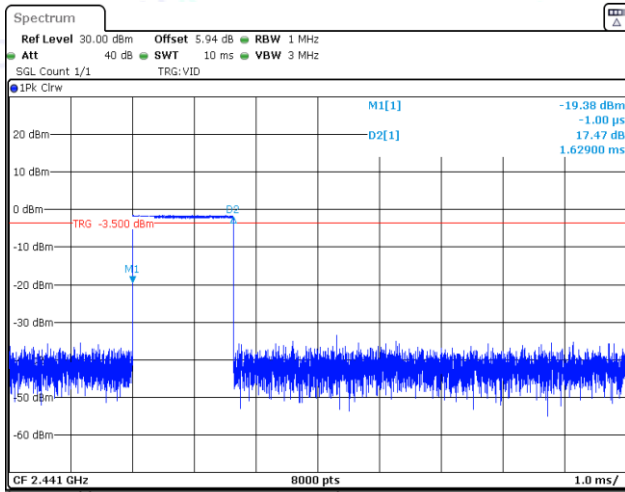
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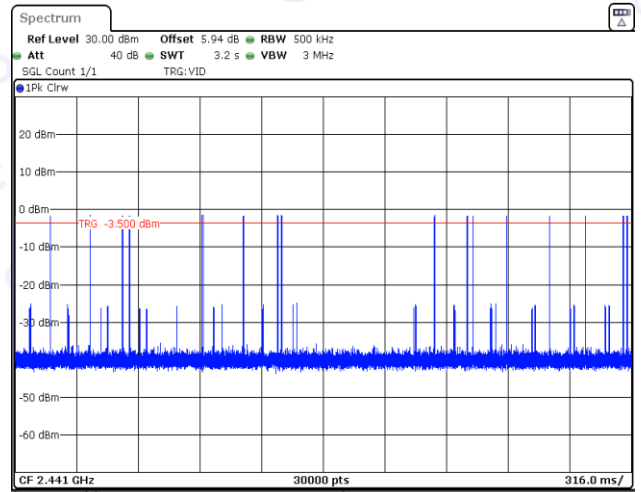
Date: 21.MAY.2026 09:51:30

DH1-Ant1-Hop-PASS

DH1-Ant1-Hop-PASS



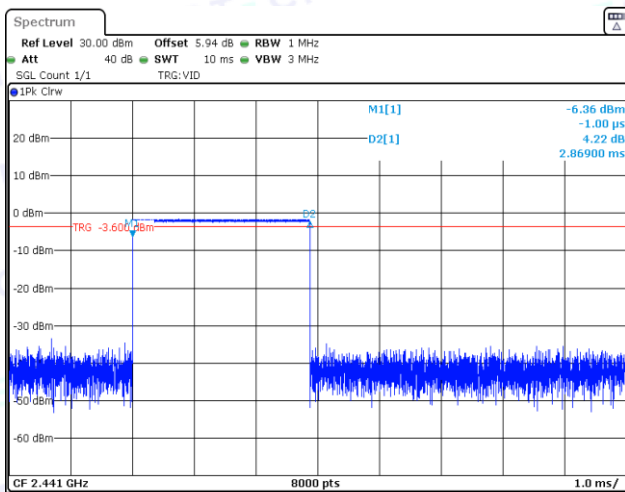
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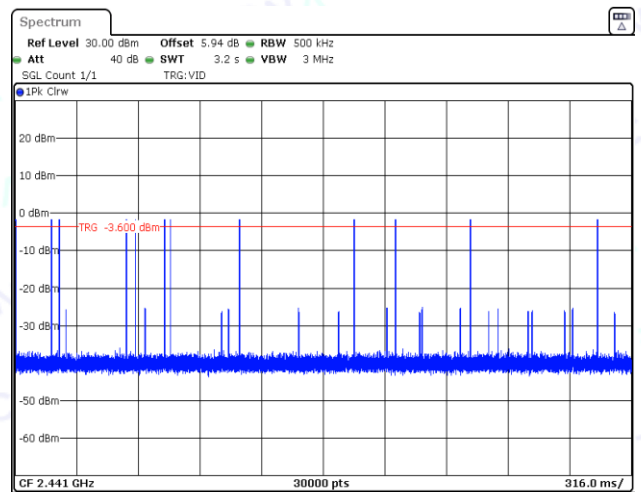
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DH3-Ant1-Hop-PASS

DH3-Ant1-Hop-PASS



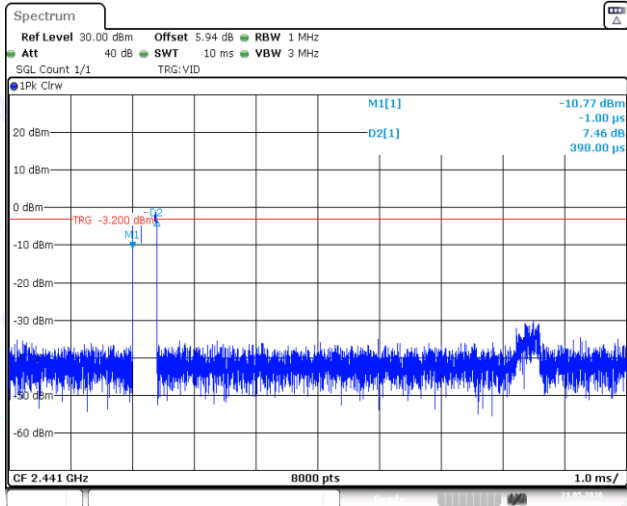
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Date: 21.MAY.2026 09:49:44

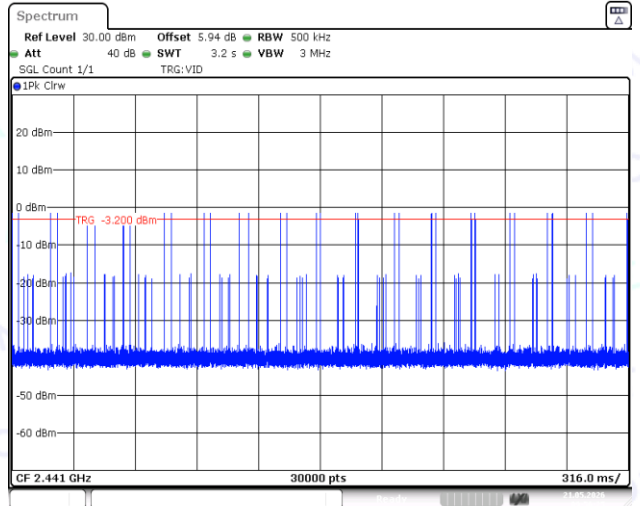
DH5-Ant1-Hop-PASS

DH5-Ant1-Hop-PASS



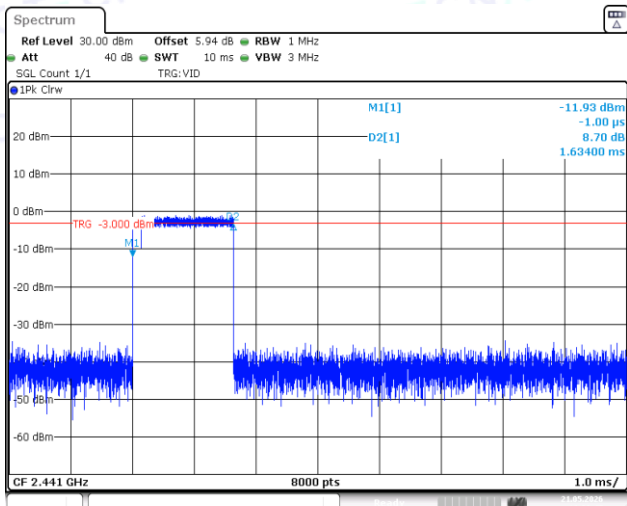
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2DH1-Ant1-Hop-PASS



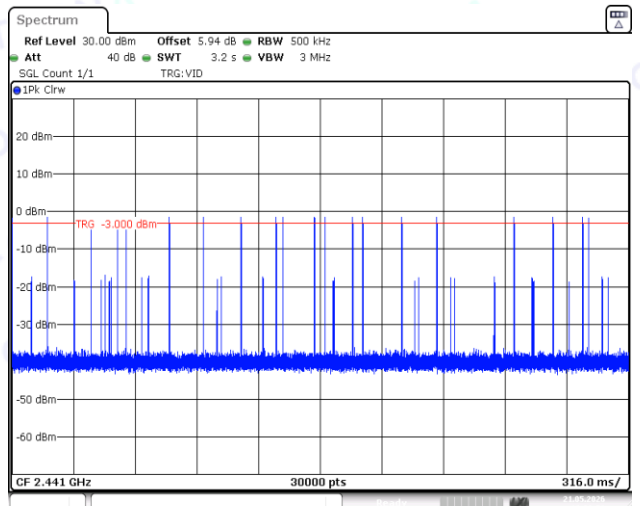
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2DH1-Ant1-Hop-PASS



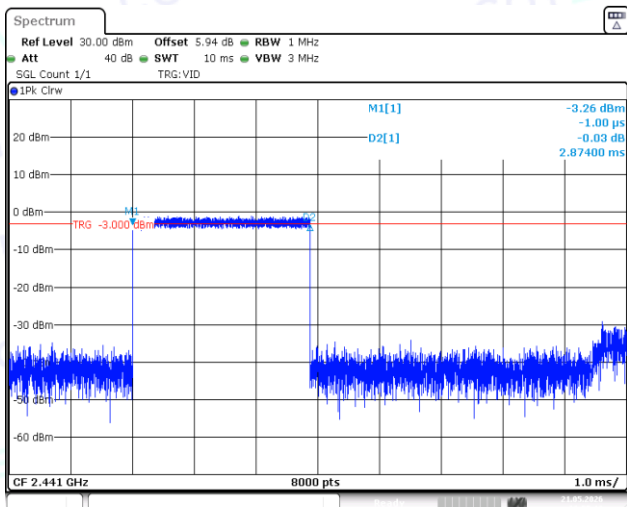
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2DH3-Ant1-Hop-PASS



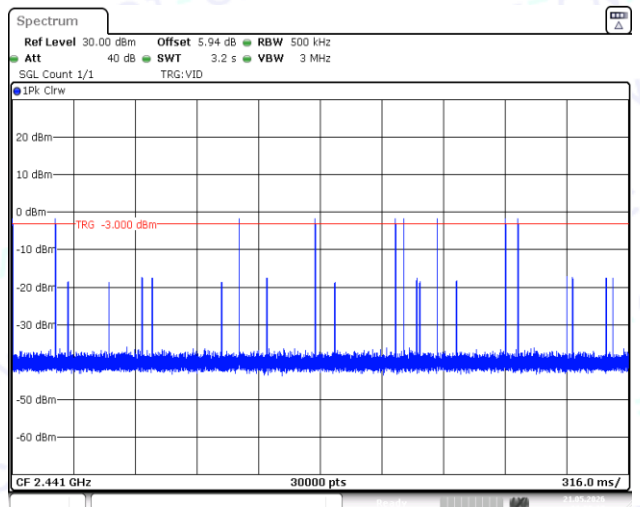
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2DH3-Ant1-Hop-PASS



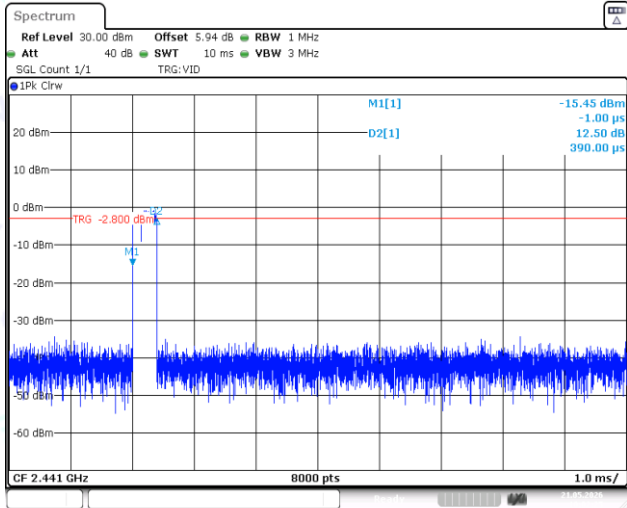
Date: 21.MAY.2026 09:55:18

2DH5-Ant1-Hop-PASS



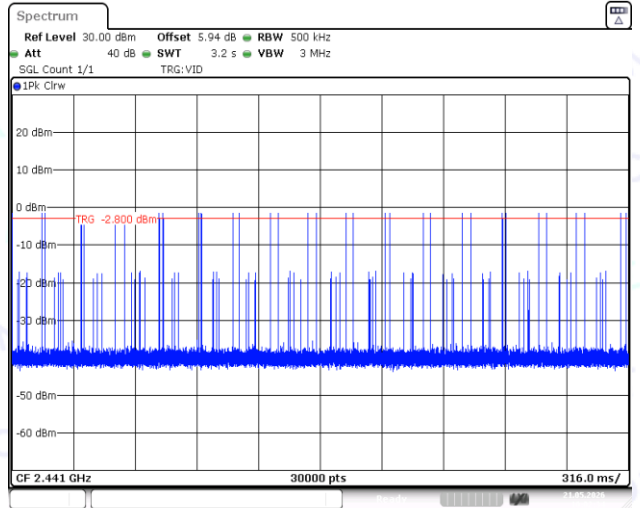
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2DH5-Ant1-Hop-PASS



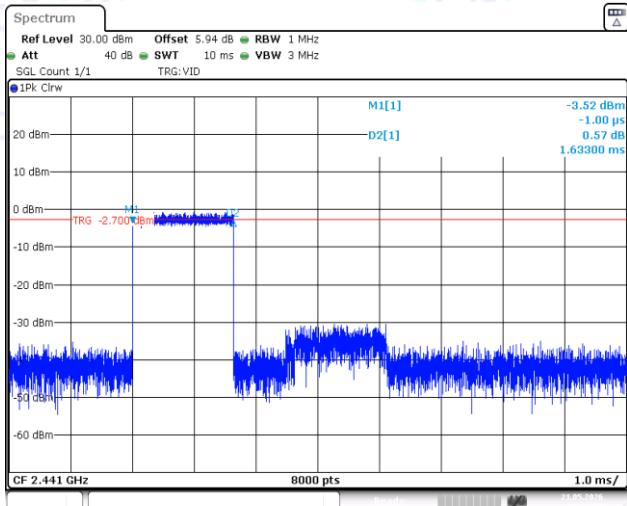
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3DH1-Ant1-Hop-PASS



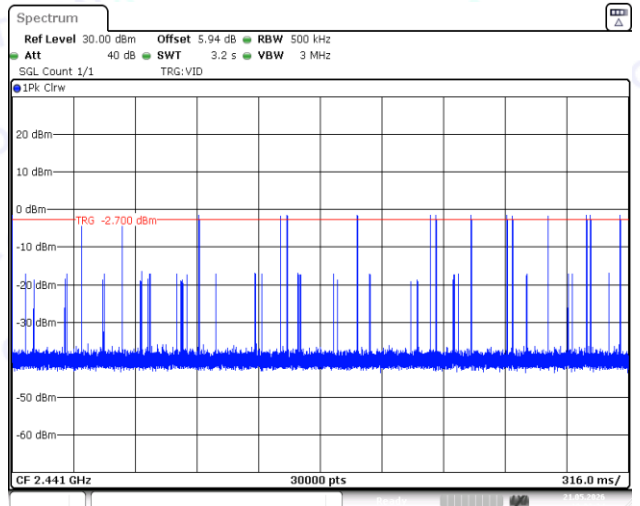
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3DH1-Ant1-Hop-PASS



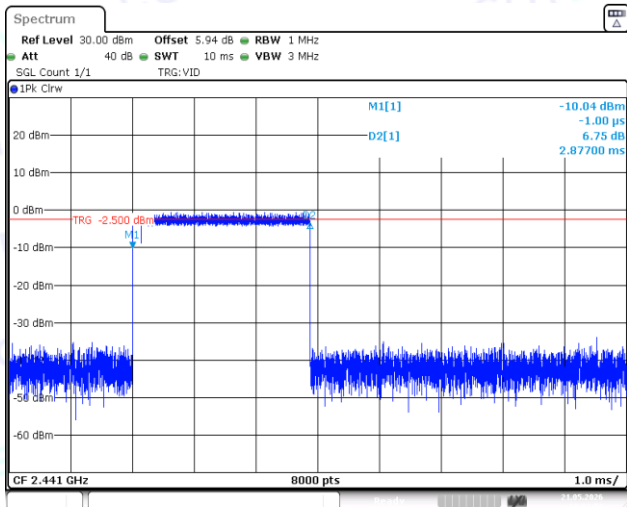
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3DH3-Ant1-Hop-PASS



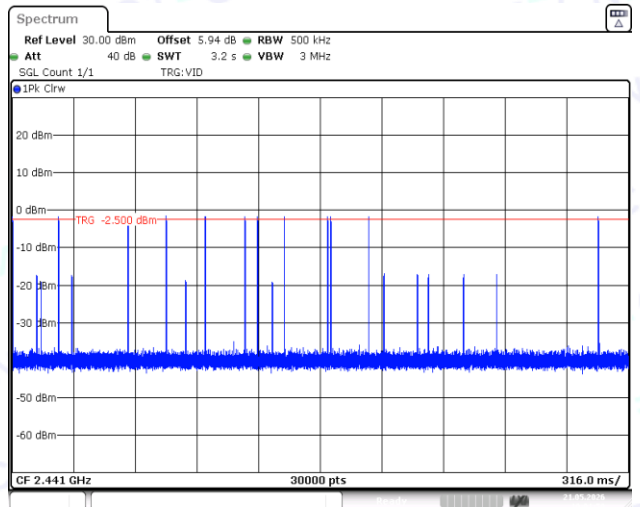
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3DH3-Ant1-Hop-PASS



Date: 21.MAY.2026 10:01:50

3DH5-Ant1-Hop-PASS



Date: 21.MAY.2026 10:01:59

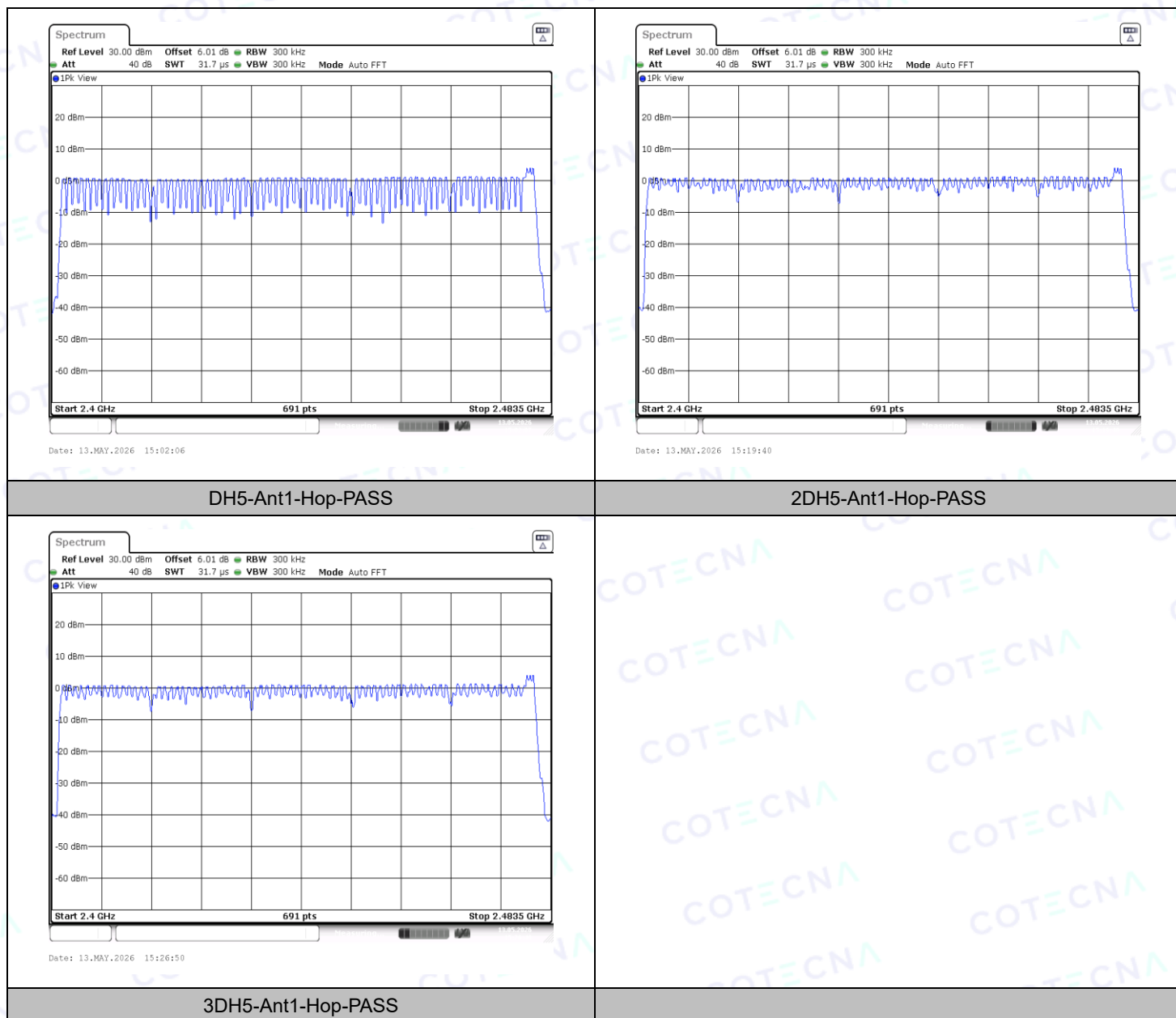
3DH5-Ant1-Hop-PASS

6: Number of hopping channels

6.1 Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

6.2 Test Graphs

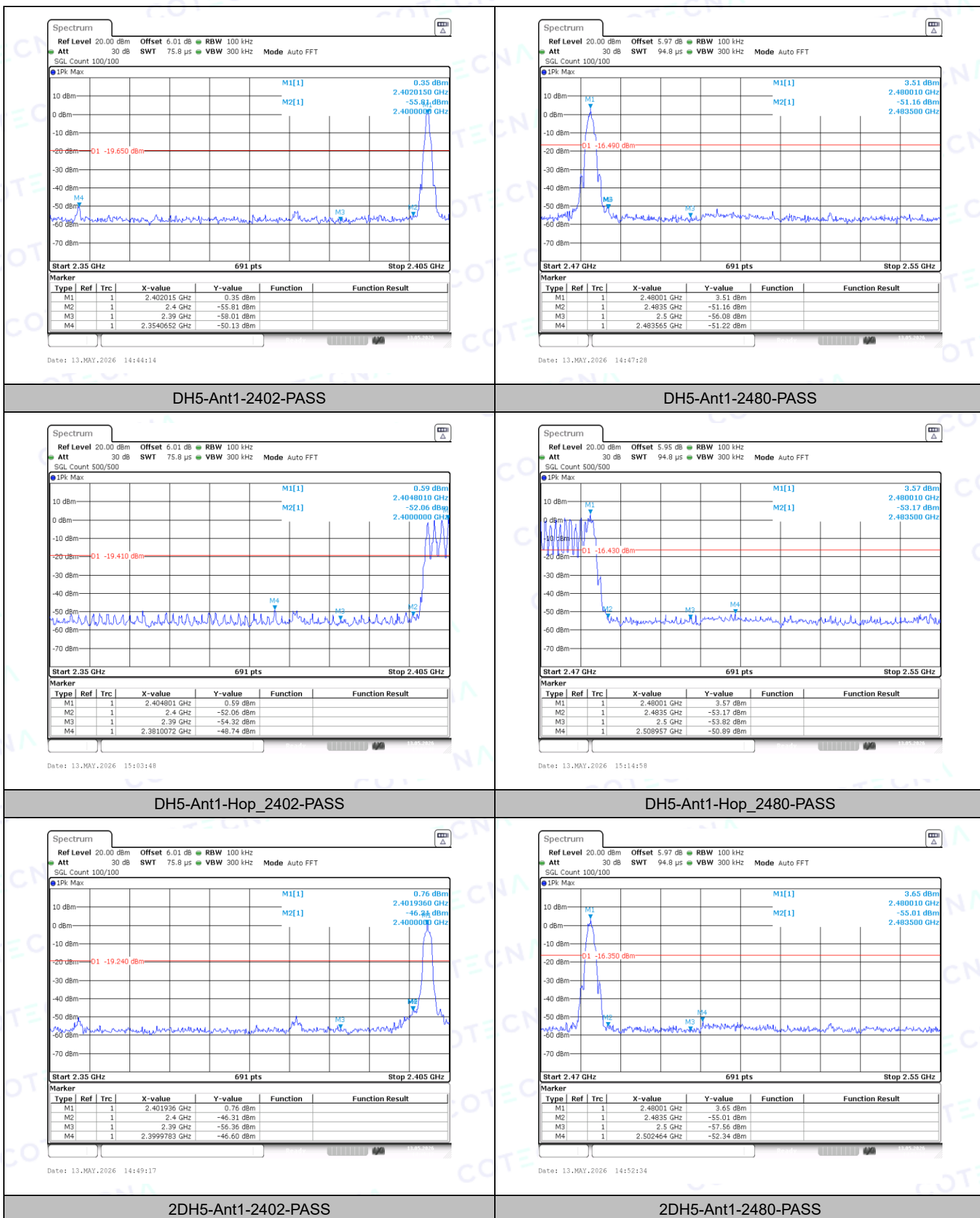


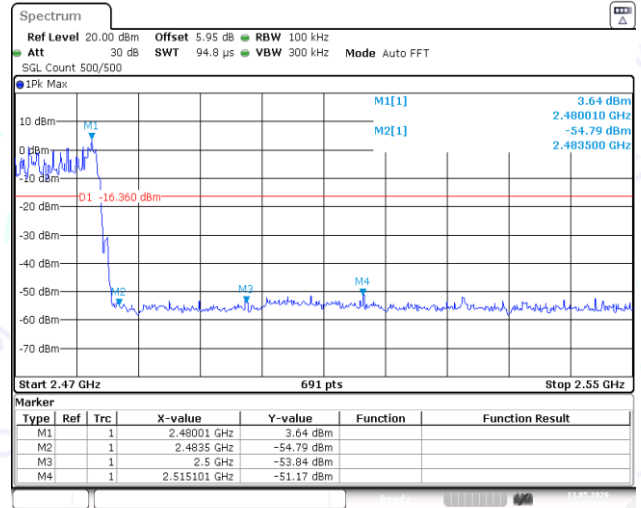
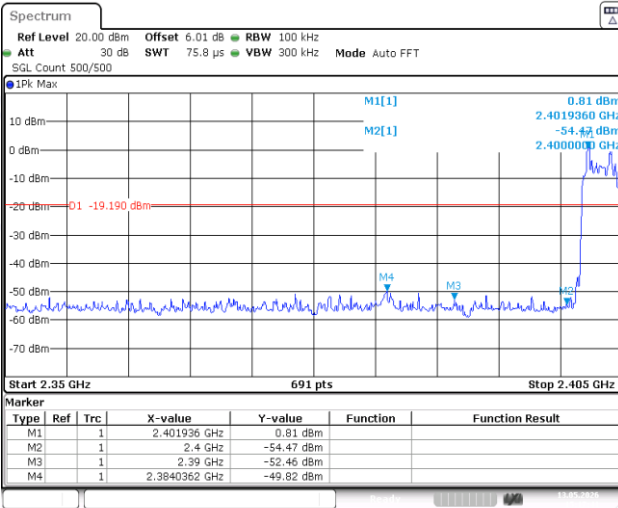
7: Band edge measurements

7.1 Test Result

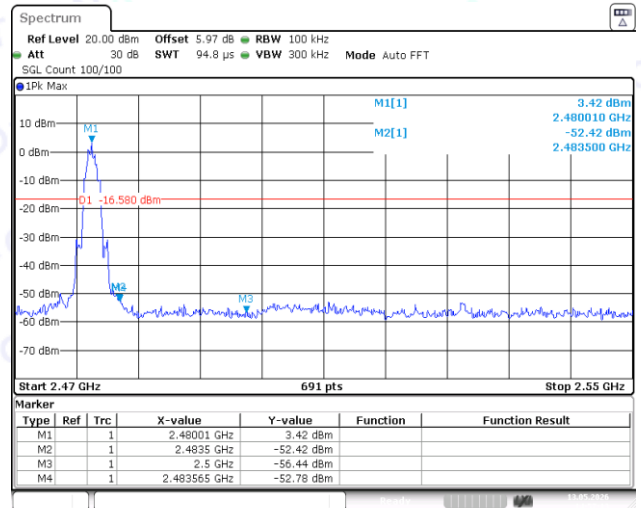
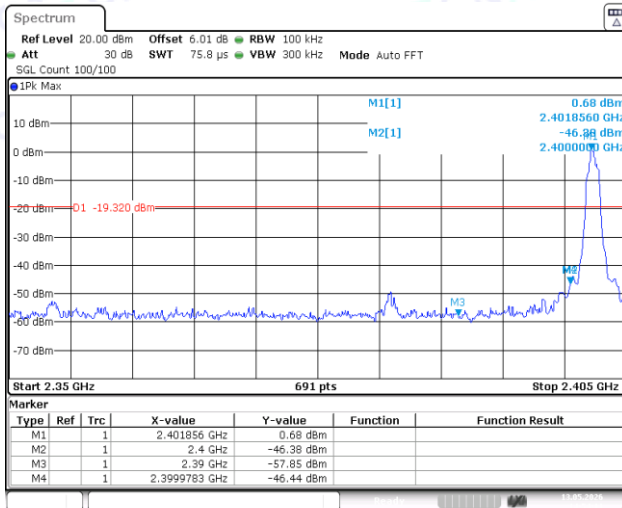
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Low	2402	0.35	-50.13	≤-19.65	PASS
DH5	Ant1	High	2480	3.51	-51.22	≤-16.49	PASS
DH5	Ant1	Low	Hop_2402	0.59	-48.74	≤-19.41	PASS
DH5	Ant1	High	Hop_2480	3.57	-50.89	≤-16.43	PASS
2DH5	Ant1	Low	2402	0.76	-46.6	≤-19.24	PASS
2DH5	Ant1	High	2480	3.65	-52.34	≤-16.35	PASS
2DH5	Ant1	Low	Hop_2402	0.81	-49.82	≤-19.19	PASS
2DH5	Ant1	High	Hop_2480	3.64	-51.17	≤-16.36	PASS
3DH5	Ant1	Low	2402	0.68	-46.44	≤-19.32	PASS
3DH5	Ant1	High	2480	3.42	-52.78	≤-16.58	PASS
3DH5	Ant1	Low	Hop_2402	0.58	-50.01	≤-19.42	PASS
3DH5	Ant1	High	Hop_2480	3.64	-51.29	≤-16.36	PASS

7.2 Test Graphs

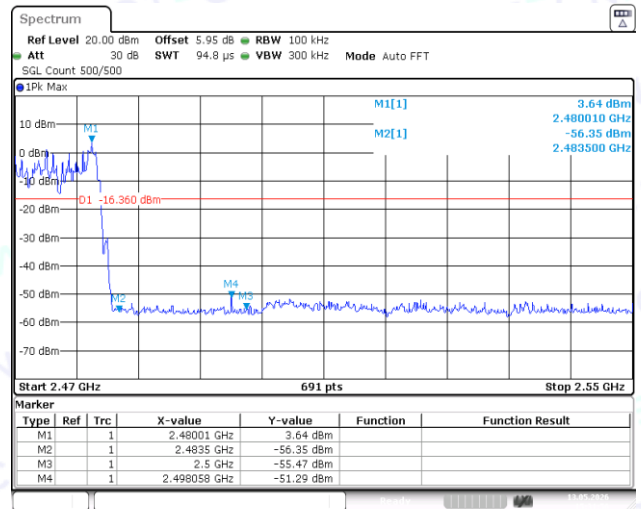
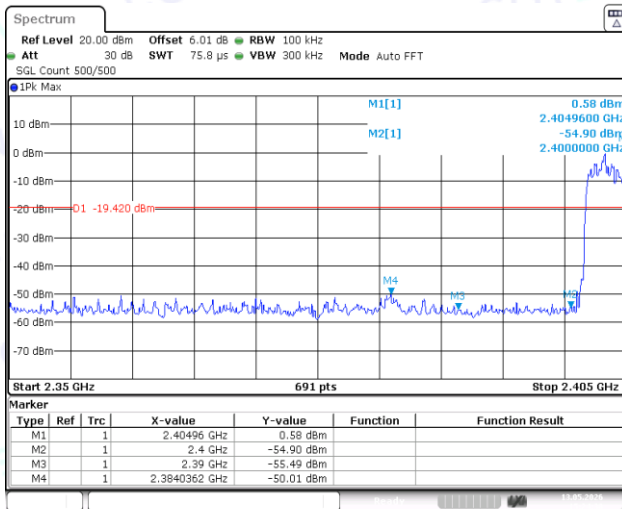




2DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-Hop_2402-PASS

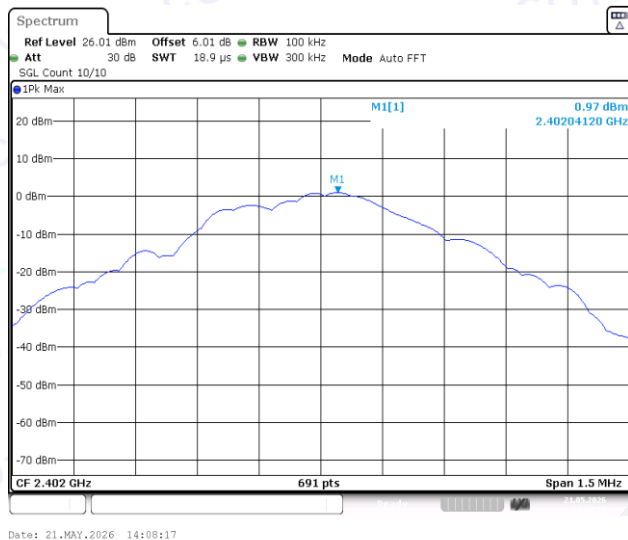
3DH5-Ant1-Hop_2480-PASS

8: Conducted Spurious Emission

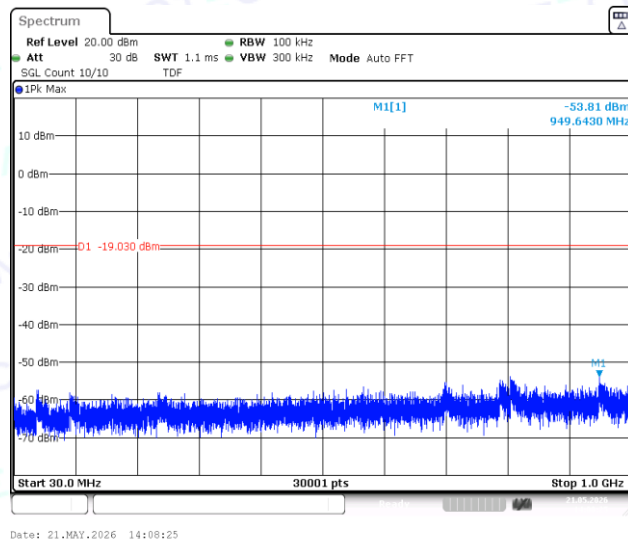
8.1 Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.97	0.97	---	PASS
DH5	Ant1	2402	30~1000	0.97	-53.81	≤-19.03	PASS
DH5	Ant1	2402	1000~26500	0.97	-38.61	≤-19.03	PASS
DH5	Ant1	2441	0~Reference	1.36	1.36	---	PASS
DH5	Ant1	2441	30~1000	1.36	-53.36	≤-18.64	PASS
DH5	Ant1	2441	1000~26500	1.36	-36.12	≤-18.64	PASS
DH5	Ant1	2480	0~Reference	0.93	0.93	---	PASS
DH5	Ant1	2480	30~1000	0.93	-53.2	≤-19.07	PASS
DH5	Ant1	2480	1000~26500	0.93	-35.65	≤-19.07	PASS
2DH5	Ant1	2402	0~Reference	-1.34	-1.34	---	PASS
2DH5	Ant1	2402	30~1000	-1.34	-54.2	≤-21.34	PASS
2DH5	Ant1	2402	1000~26500	-1.34	-41.46	≤-21.34	PASS
2DH5	Ant1	2441	0~Reference	-2.79	-2.79	---	PASS
2DH5	Ant1	2441	30~1000	-2.79	-53.6	≤-22.79	PASS
2DH5	Ant1	2441	1000~26500	-2.79	-40.68	≤-22.79	PASS
2DH5	Ant1	2480	0~Reference	-4.71	-4.71	---	PASS
2DH5	Ant1	2480	30~1000	-4.71	-54.39	≤-24.71	PASS
2DH5	Ant1	2480	1000~26500	-4.71	-37.61	≤-24.71	PASS
3DH5	Ant1	2402	0~Reference	-2.42	-2.42	---	PASS
3DH5	Ant1	2402	30~1000	-2.42	-54.22	≤-22.42	PASS
3DH5	Ant1	2402	1000~26500	-2.42	-41.19	≤-22.42	PASS
3DH5	Ant1	2441	0~Reference	-2.16	-2.16	---	PASS
3DH5	Ant1	2441	30~1000	-2.16	-53.68	≤-22.16	PASS
3DH5	Ant1	2441	1000~26500	-2.16	-35.73	≤-22.16	PASS
3DH5	Ant1	2480	0~Reference	0.10	0.10	---	PASS
3DH5	Ant1	2480	30~1000	0.10	-53.55	≤-19.9	PASS
3DH5	Ant1	2480	1000~26500	0.10	-37.73	≤-19.9	PASS

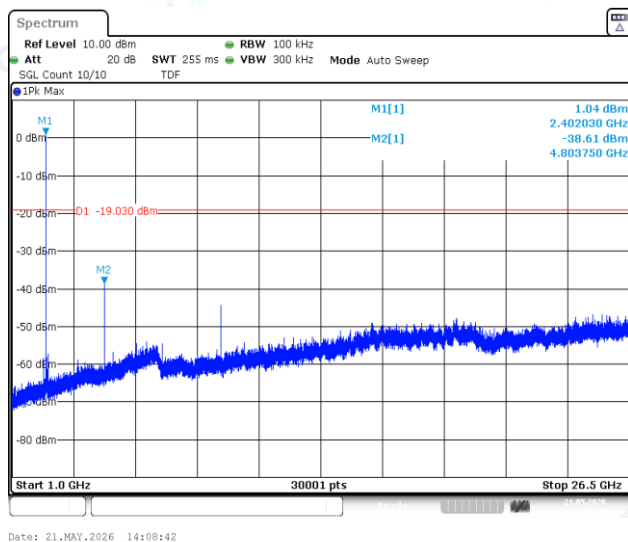
8.2 Test Graphs



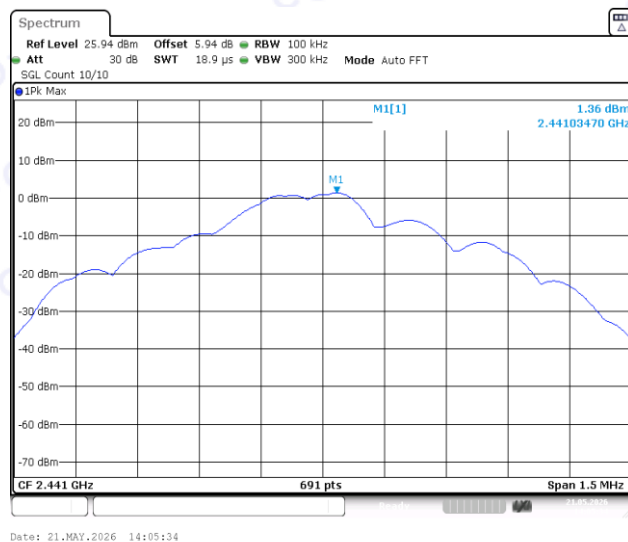
DH5-Ant1-2402-0~Reference-PASS



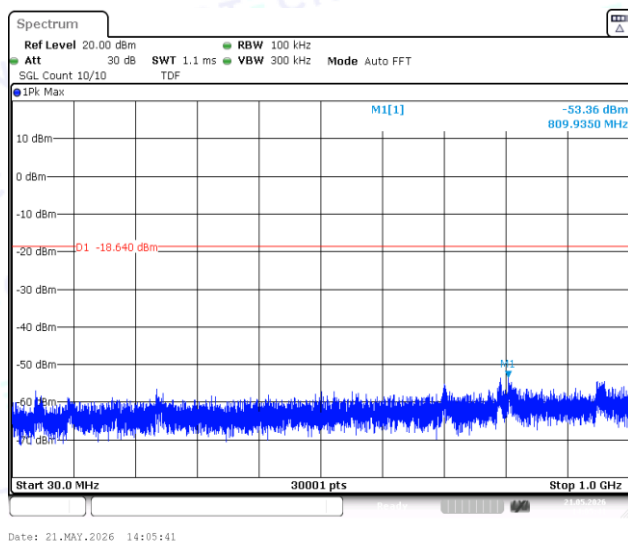
DH5-Ant1-2402-30~1000-PASS



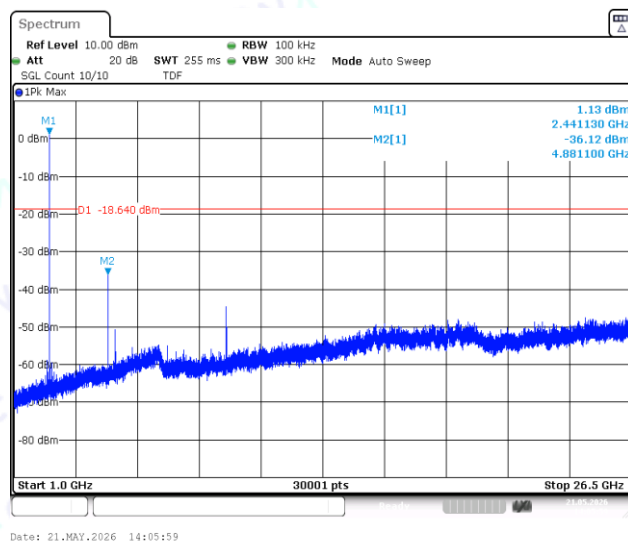
DH5-Ant1-2402-1000~26500-PASS



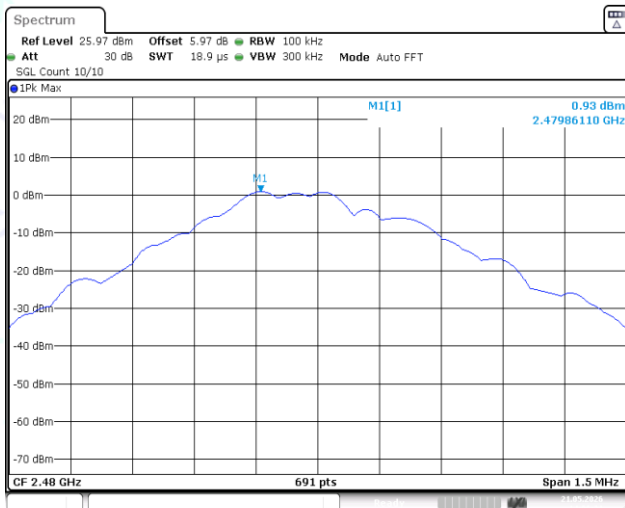
DH5-Ant1-2441-0~Reference-PASS



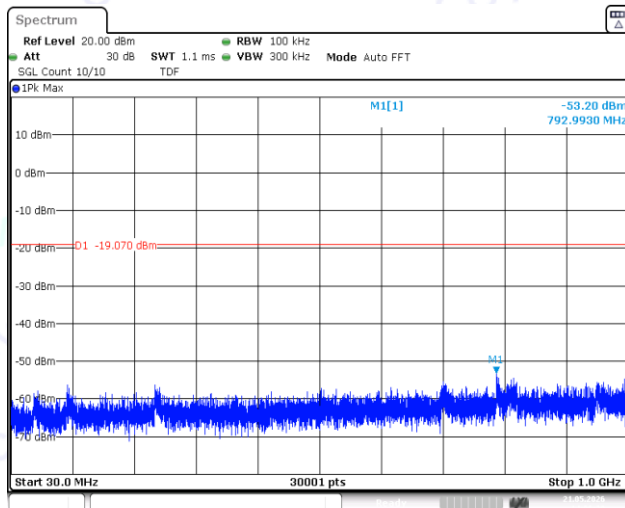
DH5-Ant1-2441-30~1000-PASS



DH5-Ant1-2441-1000~26500-PASS



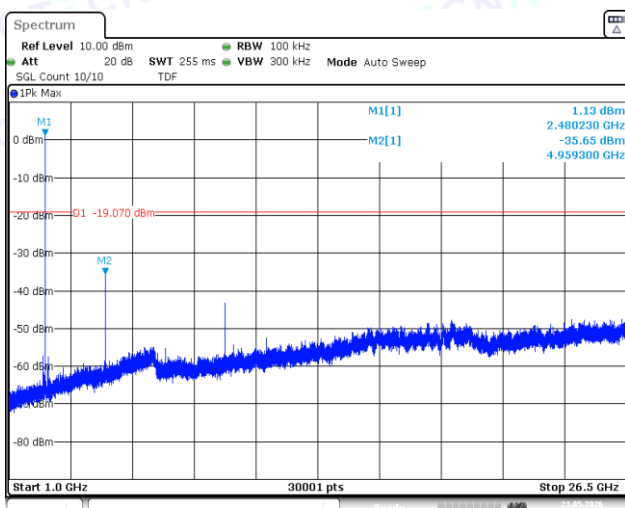
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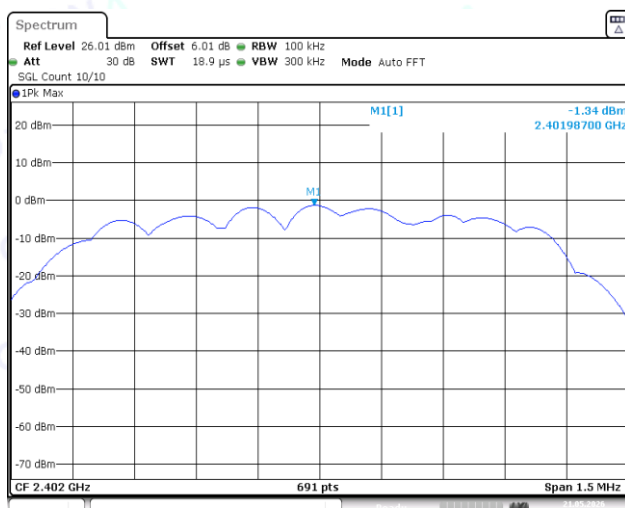
Date: 21.MAY.2026 14:06:39

DH5-Ant1-2480-0~Reference-PASS

DH5-Ant1-2480-30~1000-PASS



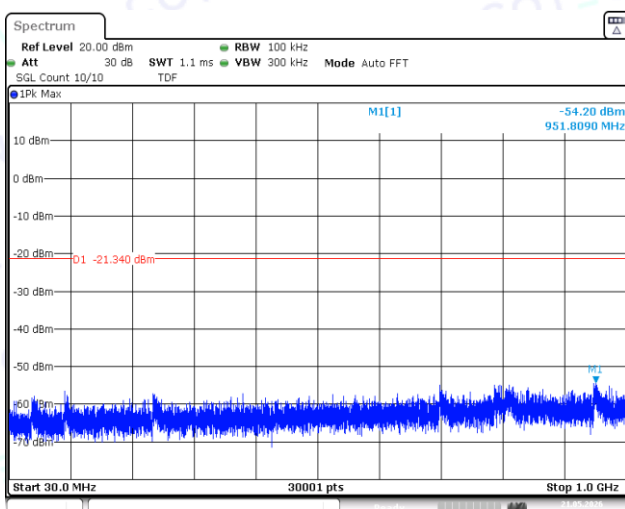
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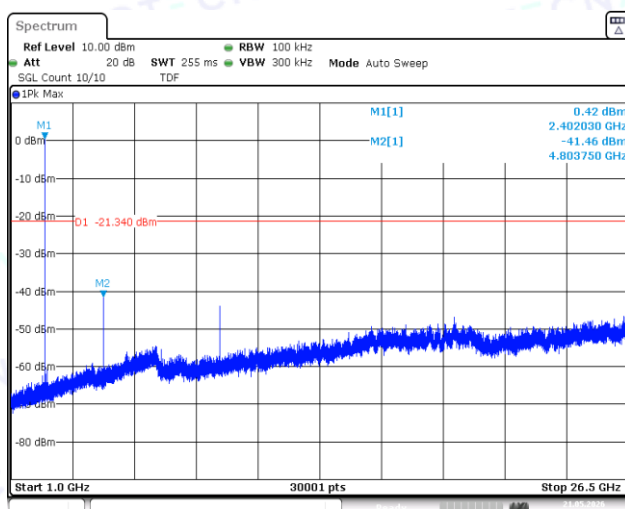
Date: 21.MAY.2026 14:10:05

DH5-Ant1-2480-1000~26500-PASS

2DH5-Ant1-2402-0~Reference-PASS



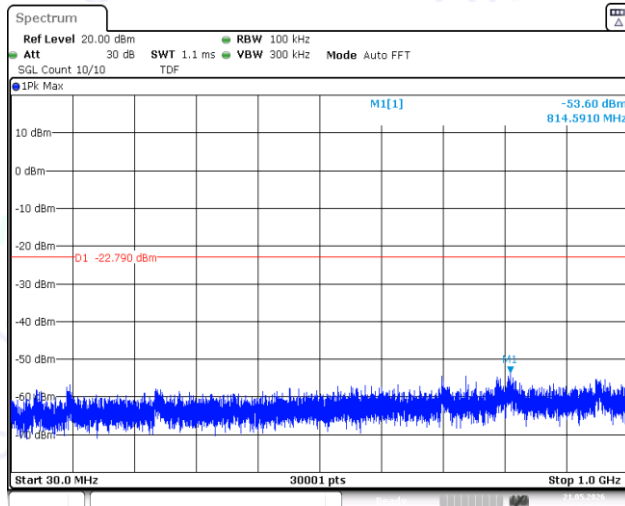
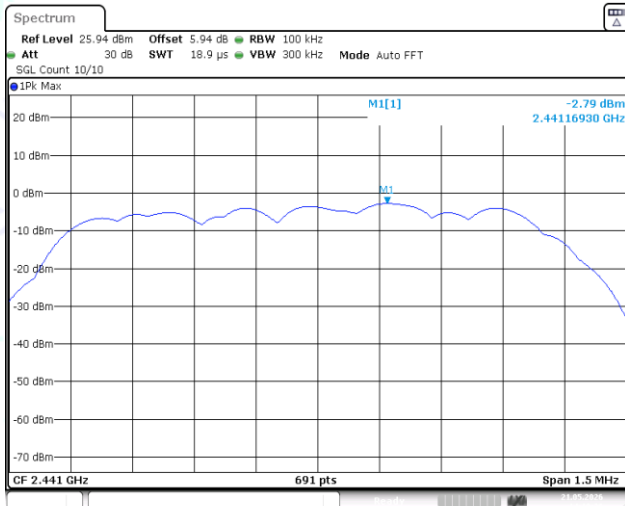
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Date: 21.MAY.2026 14:10:30

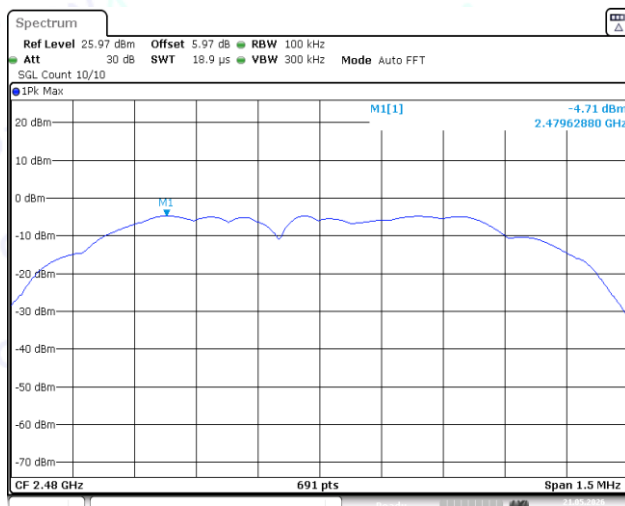
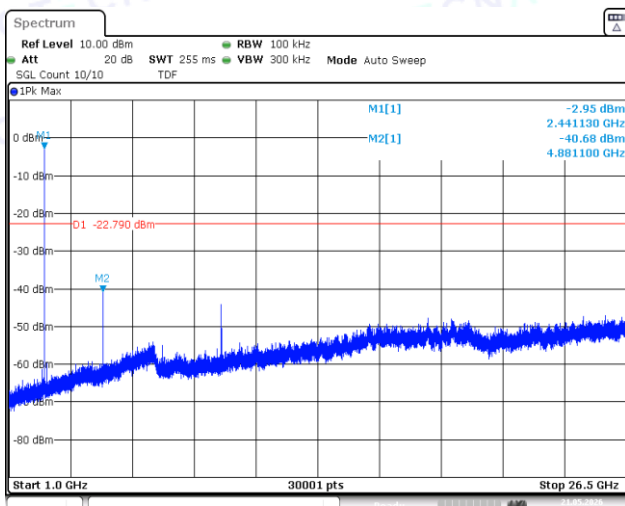
2DH5-Ant1-2402-30~1000-PASS

2DH5-Ant1-2402-1000~26500-PASS



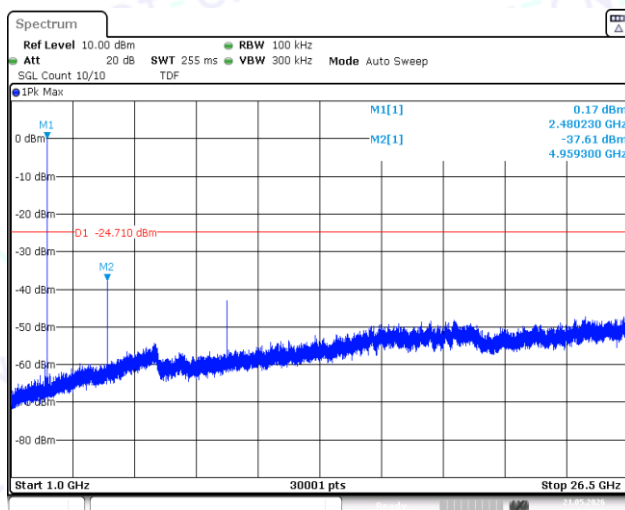
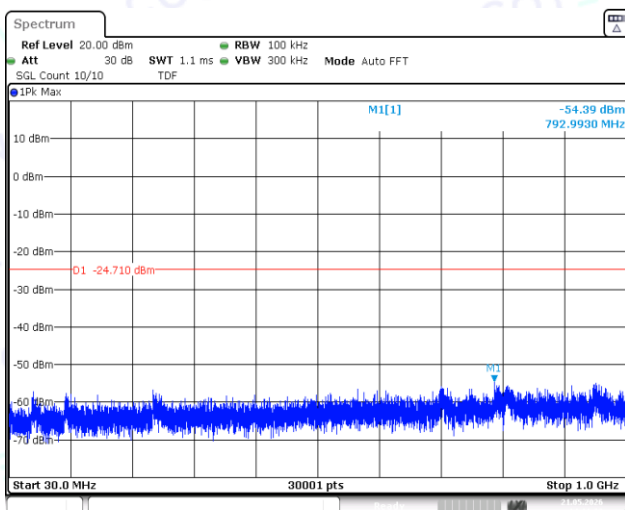
2DH5-Ant1-2441-0~Reference-PASS

2DH5-Ant1-2441-30~1000-PASS



2DH5-Ant1-2441-1000~26500-PASS

2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS

2DH5-Ant1-2480-1000~26500-PASS