

RF Test Data for Bluetooth (BDR+EDR) (Conducted Measurements)

General Description of EUT	
Product Name:	Network Media Players
Test Model:	DV6068Y
Sample ID:	202305-0132-12-#2
Environmental Conditions	
Temperature:	25°C
Relative Humidity:	55%
Test Voltage:	DC 5V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202305-0132-13 The report only show the worst case data.	

Contents

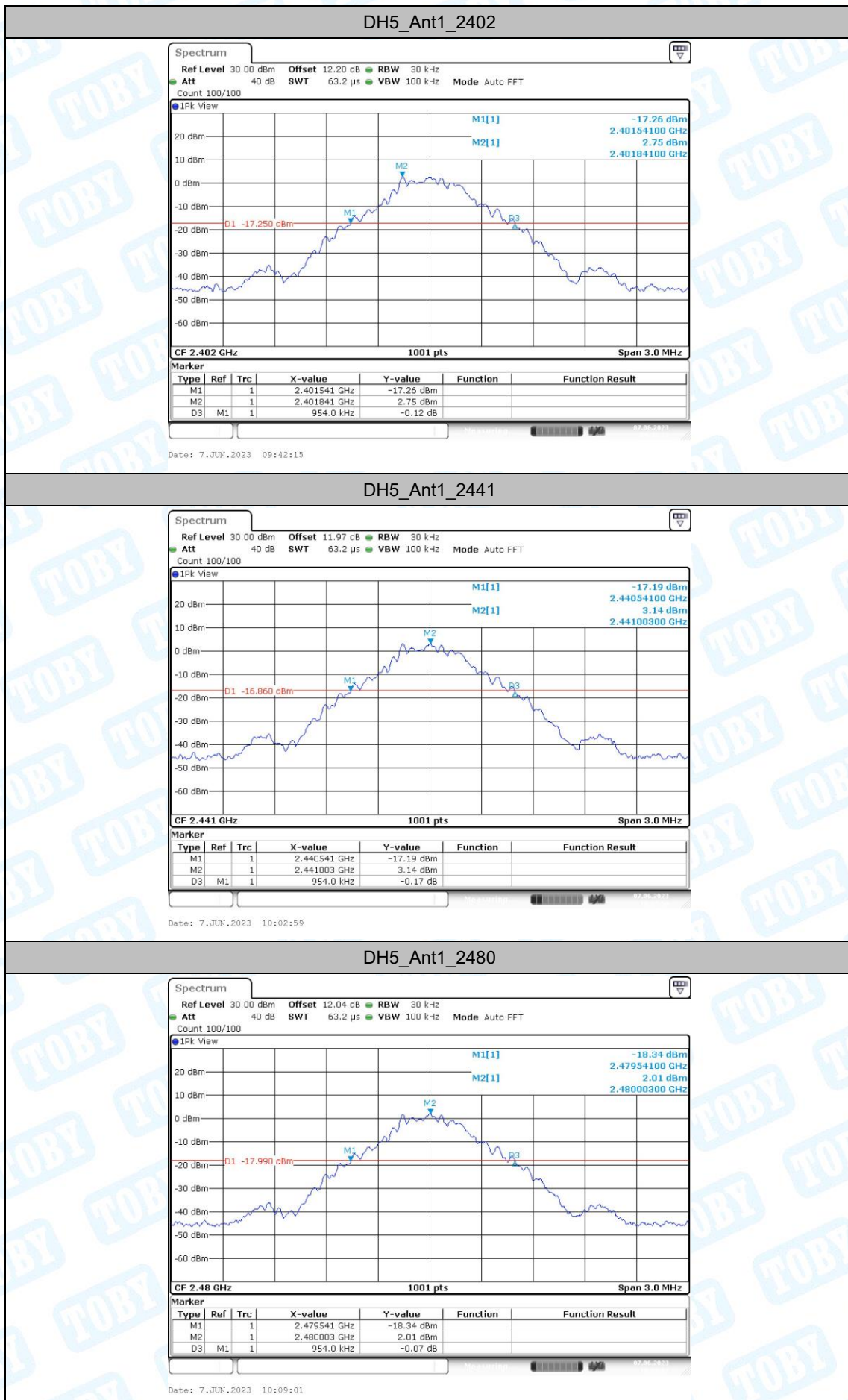
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1. 20dB Emission Bandwidth

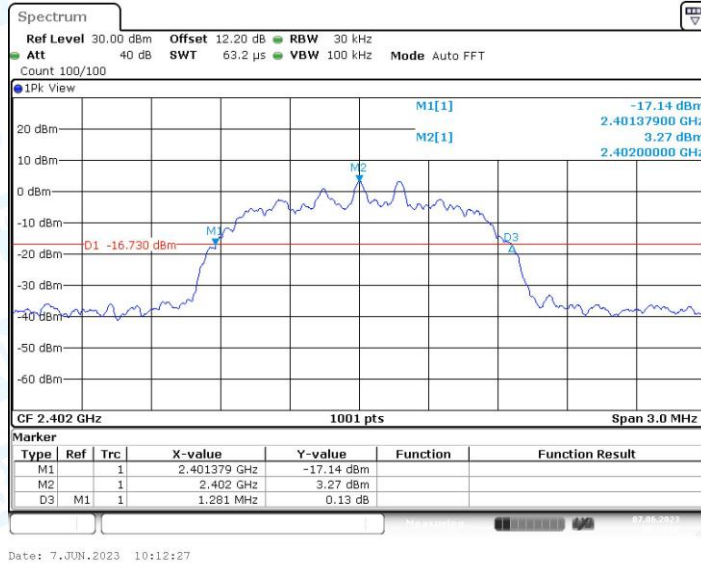
1.1. Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	---	---
		2441	0.95	---	---
		2480	0.95	---	---
2DH5	Ant1	2402	1.28	---	---
		2441	1.29	---	---
		2480	1.28	---	---
3DH5	Ant1	2402	1.28	---	---
		2441	1.29	---	---
		2480	1.29	---	---

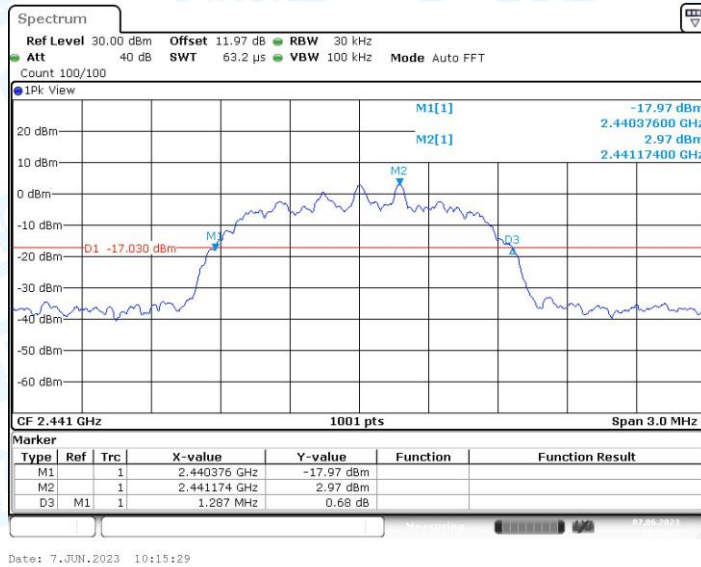
1.2. Test Graphs



2DH5_Ant1_2402



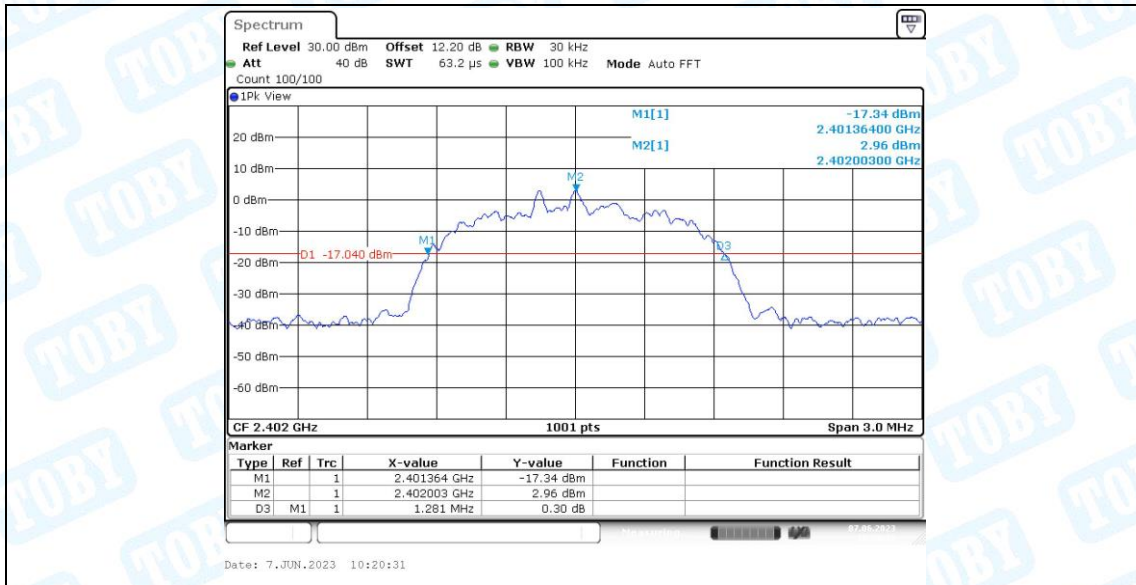
2DH5_Ant1_2441



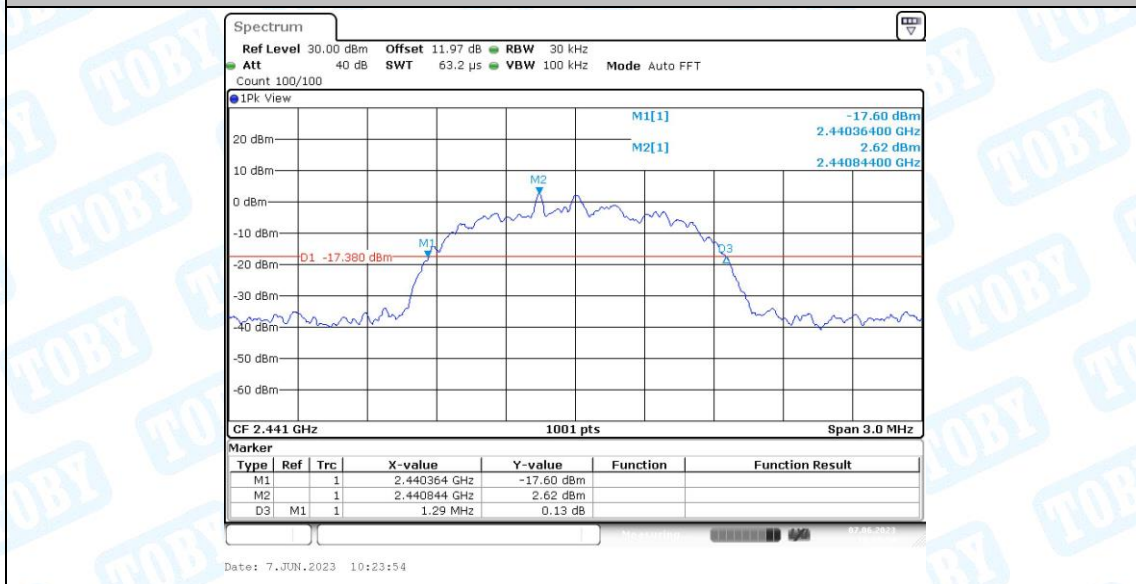
2DH5_Ant1_2480



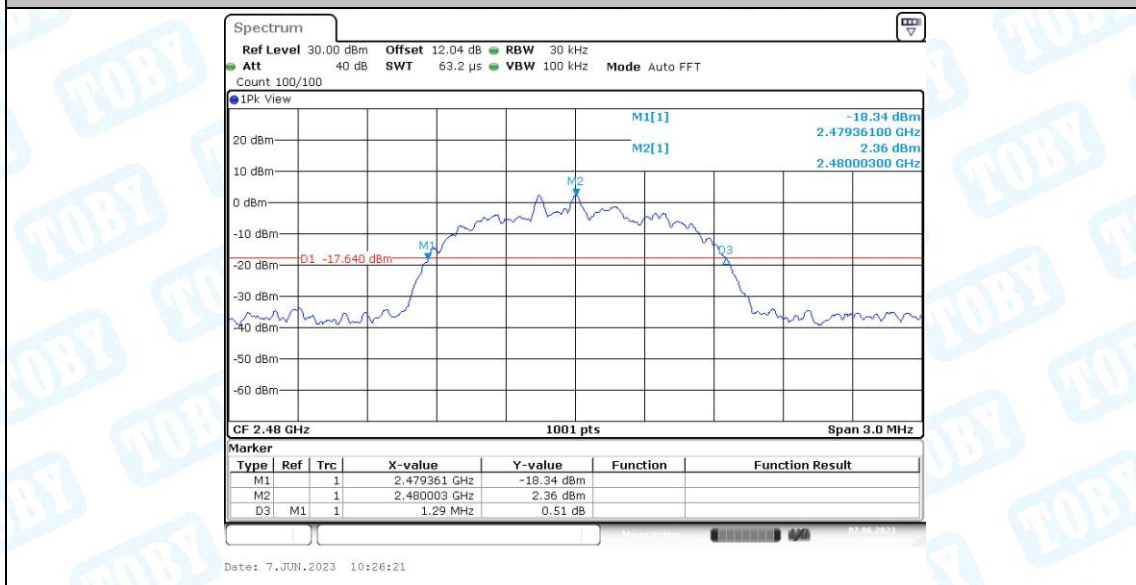
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

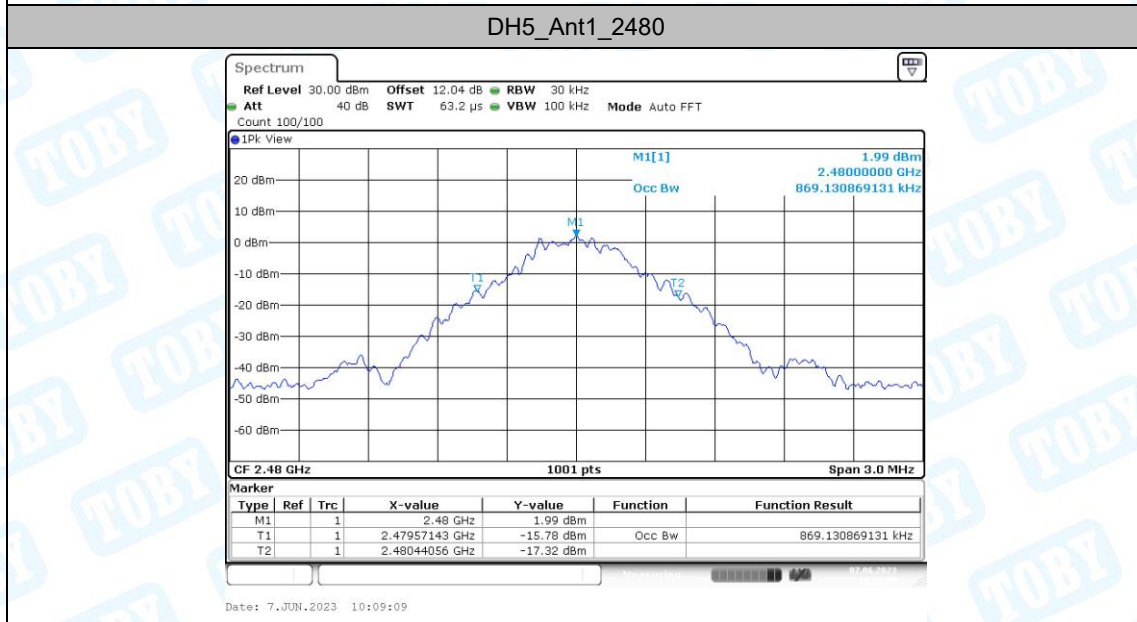
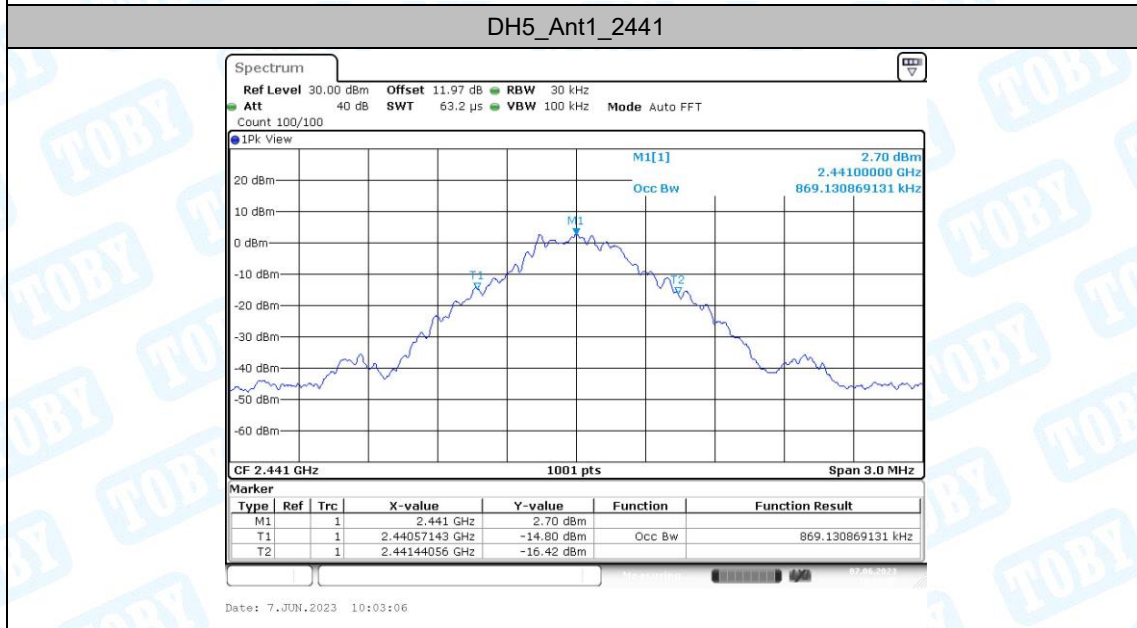
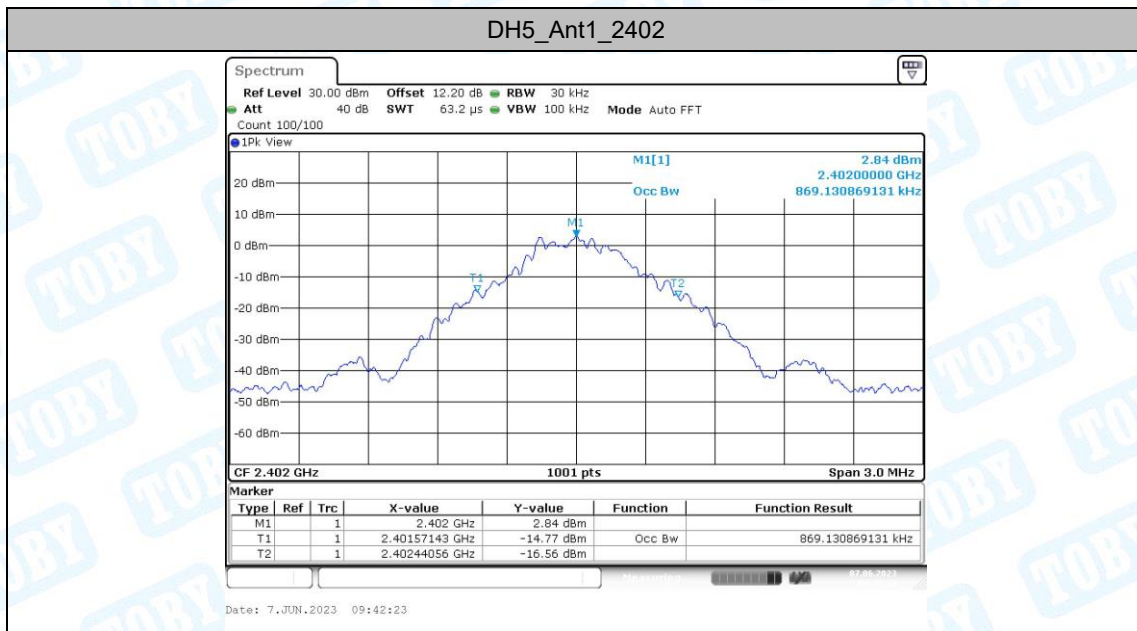


2. Occupied Channel Bandwidth

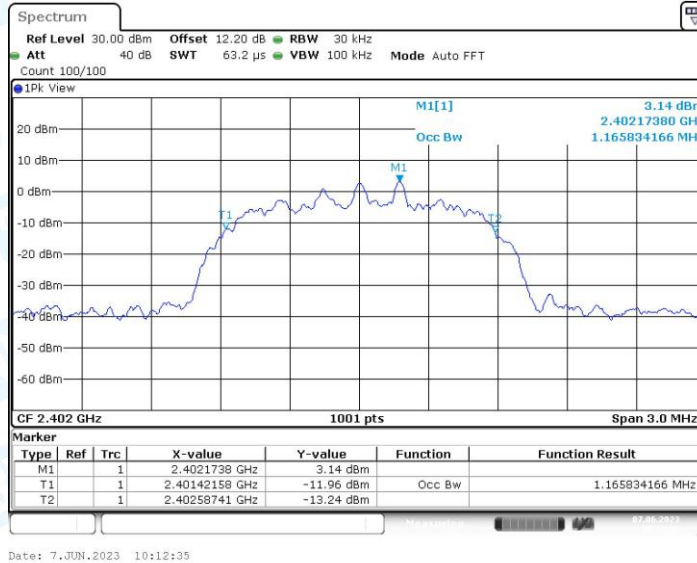
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.869	2401.5714	2402.4406	---	---
		2441	0.869	2440.5714	2441.4406	---	---
		2480	0.869	2479.5714	2480.4406	---	---
2DH5	Ant1	2402	1.166	2401.4216	2402.5874	---	---
		2441	1.169	2440.4216	2441.5904	---	---
		2480	1.169	2479.4216	2480.5904	---	---
3DH5	Ant1	2402	1.166	2401.4276	2402.5934	---	---
		2441	1.169	2440.4246	2441.5934	---	---
		2480	1.175	2479.4216	2480.5964	---	---

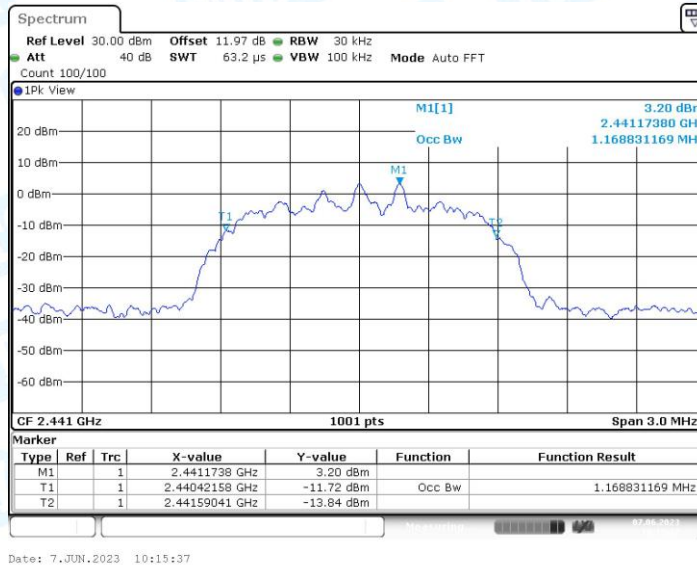
2.2. Test Graphs



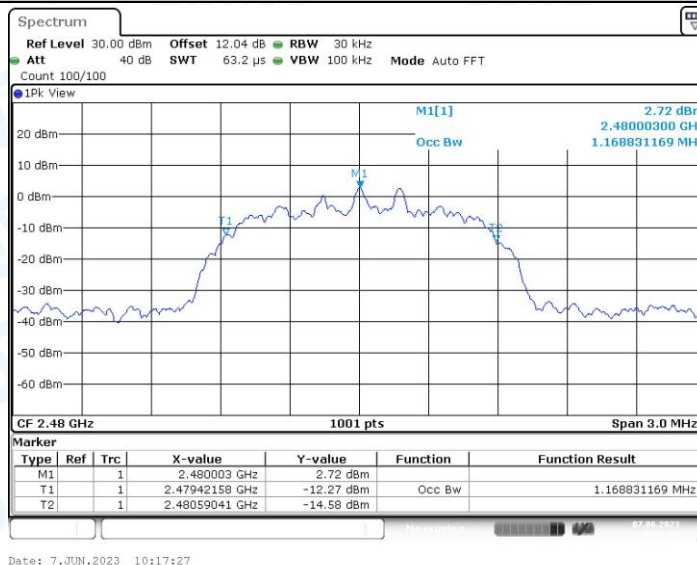
2DH5_Ant1_2402



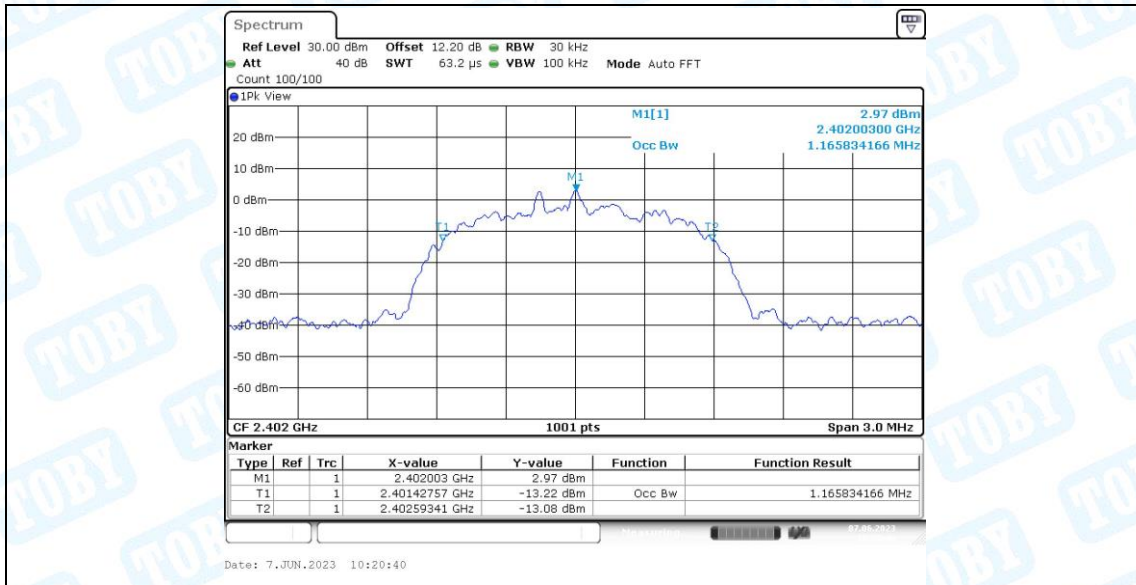
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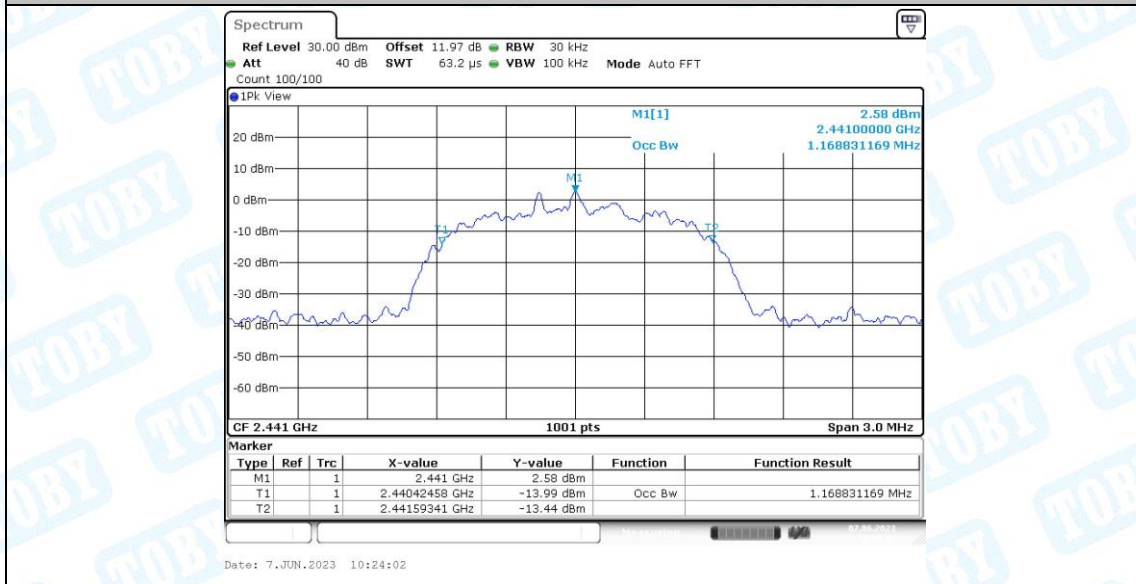
2DH5_Ant1_2480



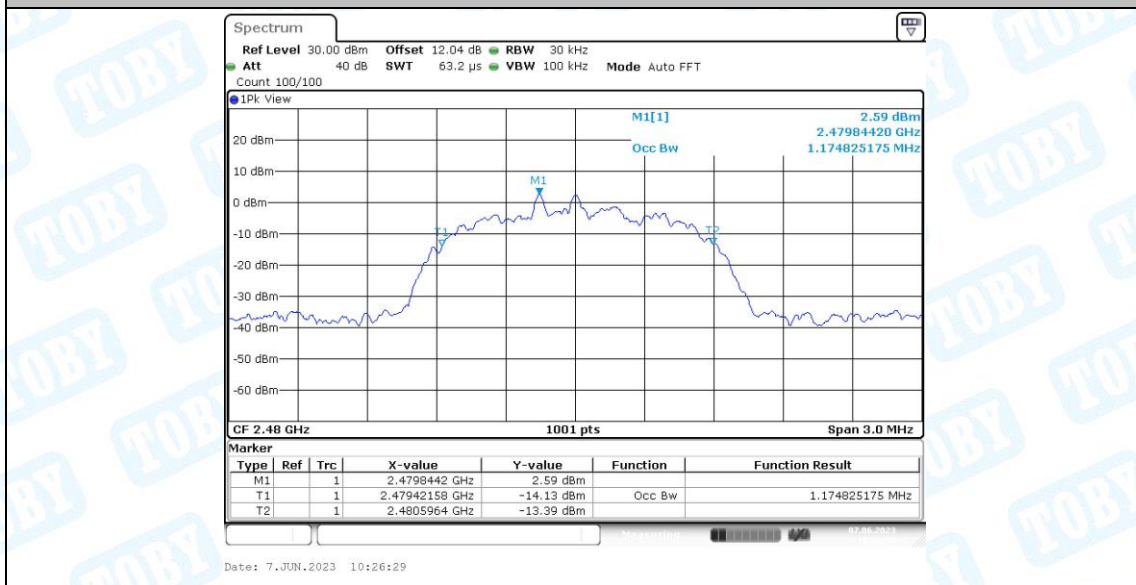
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

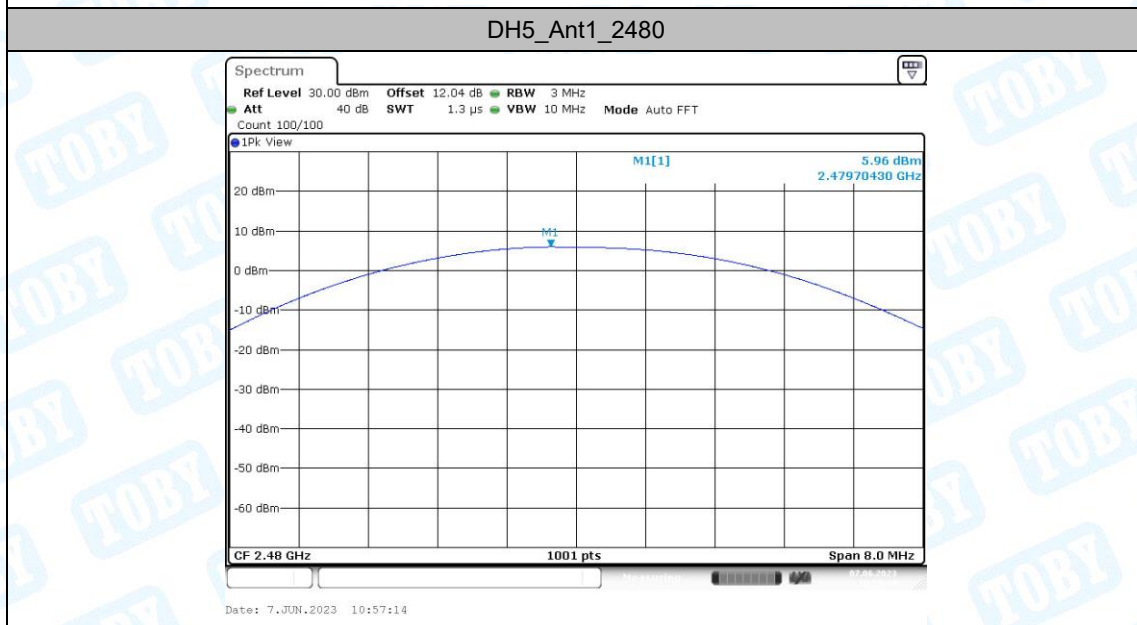
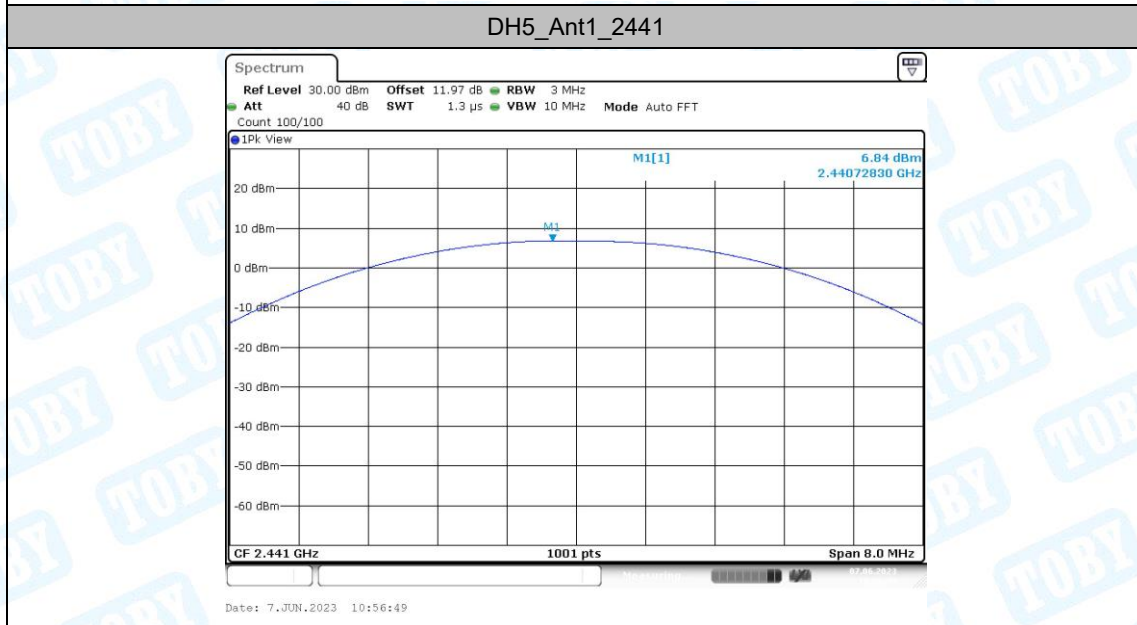
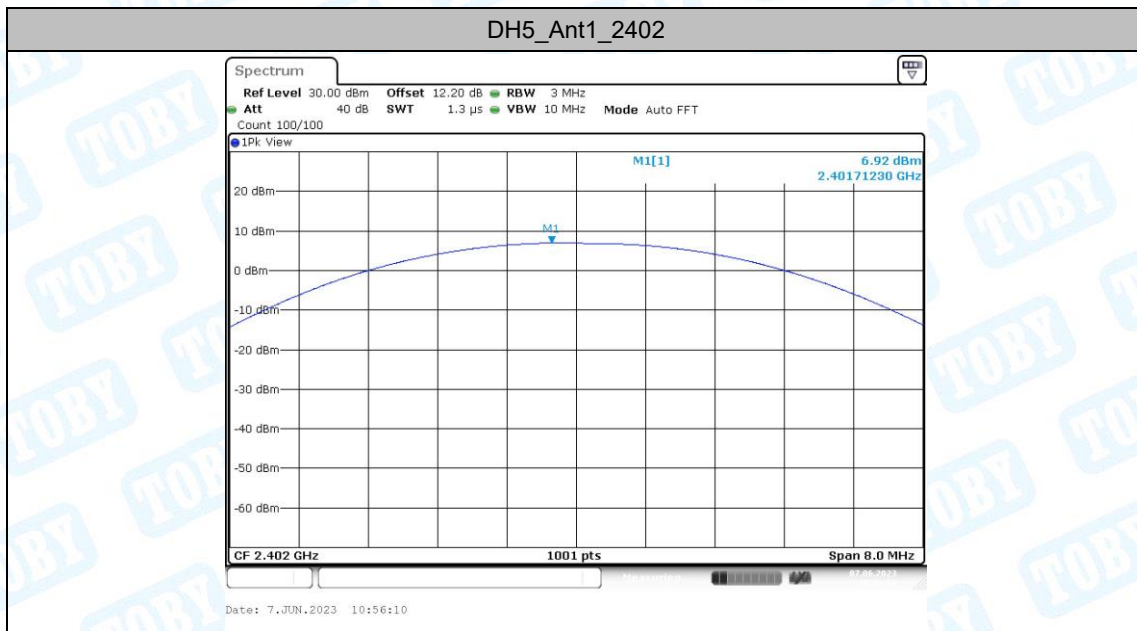


3. Maximum conducted output power

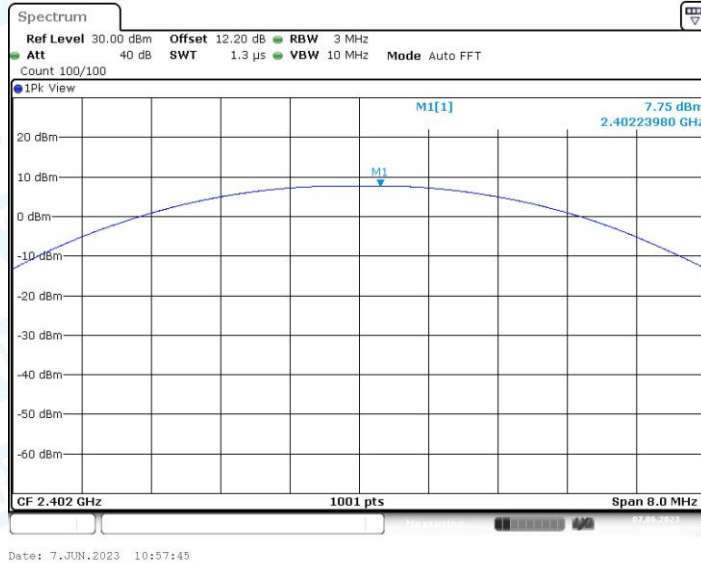
3.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	6.92	≤21	PASS
		2441	6.84	≤21	PASS
		2480	5.96	≤21	PASS
2DH5	Ant1	2402	7.75	≤21	PASS
		2441	7.58	≤21	PASS
		2480	7.44	≤21	PASS
3DH5	Ant1	2402	8.21	≤21	PASS
		2441	8.20	≤21	PASS
		2480	7.16	≤21	PASS

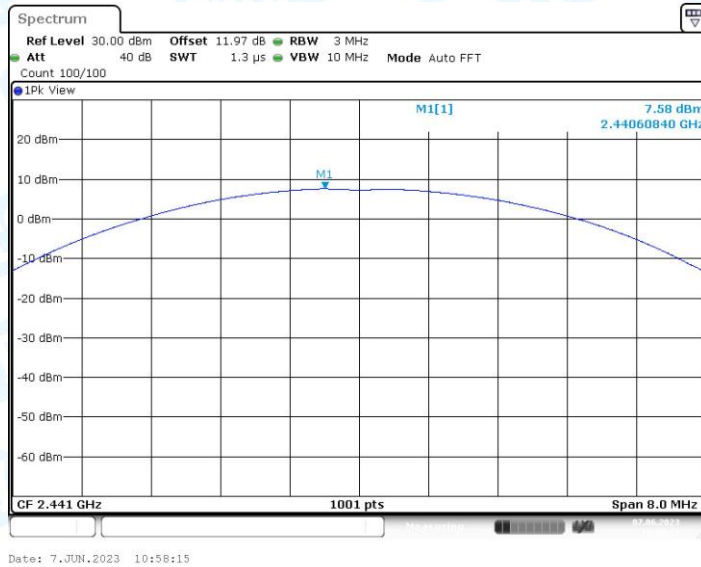
3.2. Test Graphs



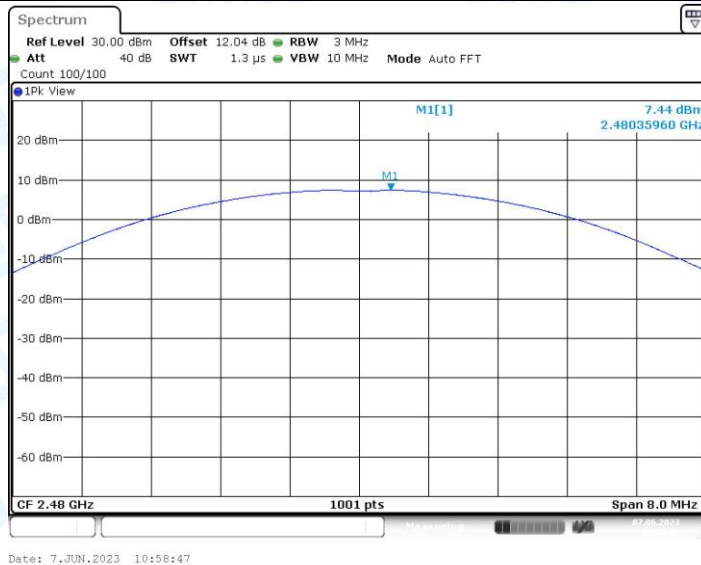
2DH5_Ant1_2402



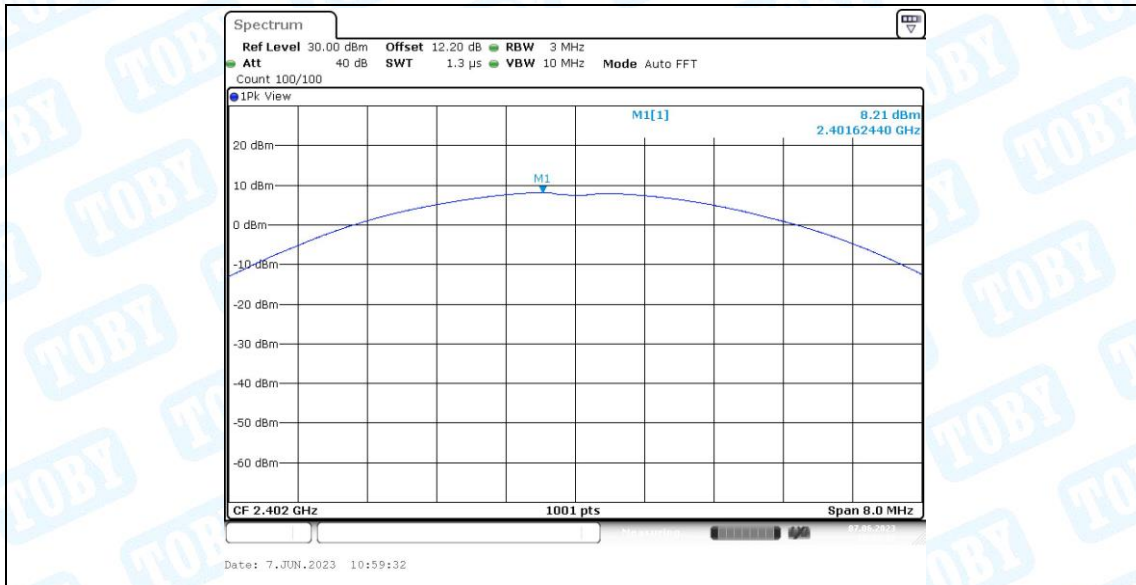
2DH5_Ant1_2441



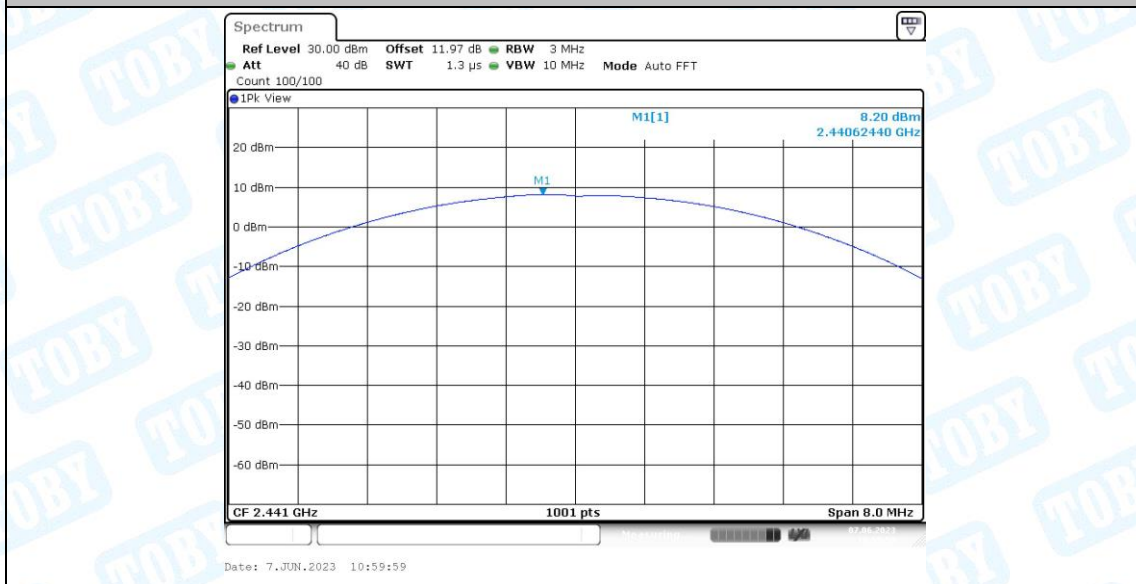
2DH5_Ant1_2480



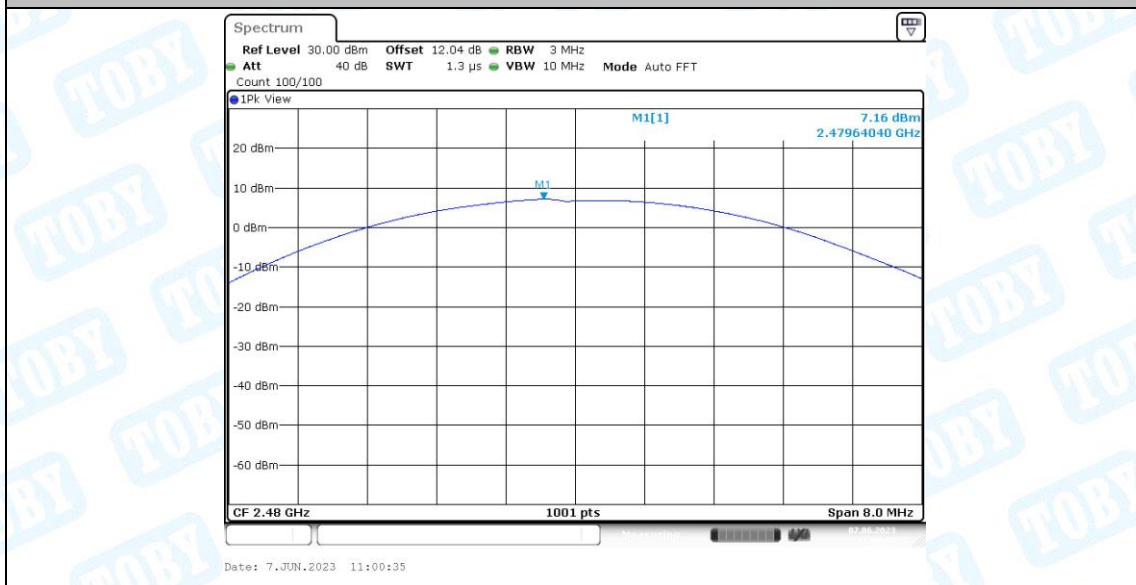
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

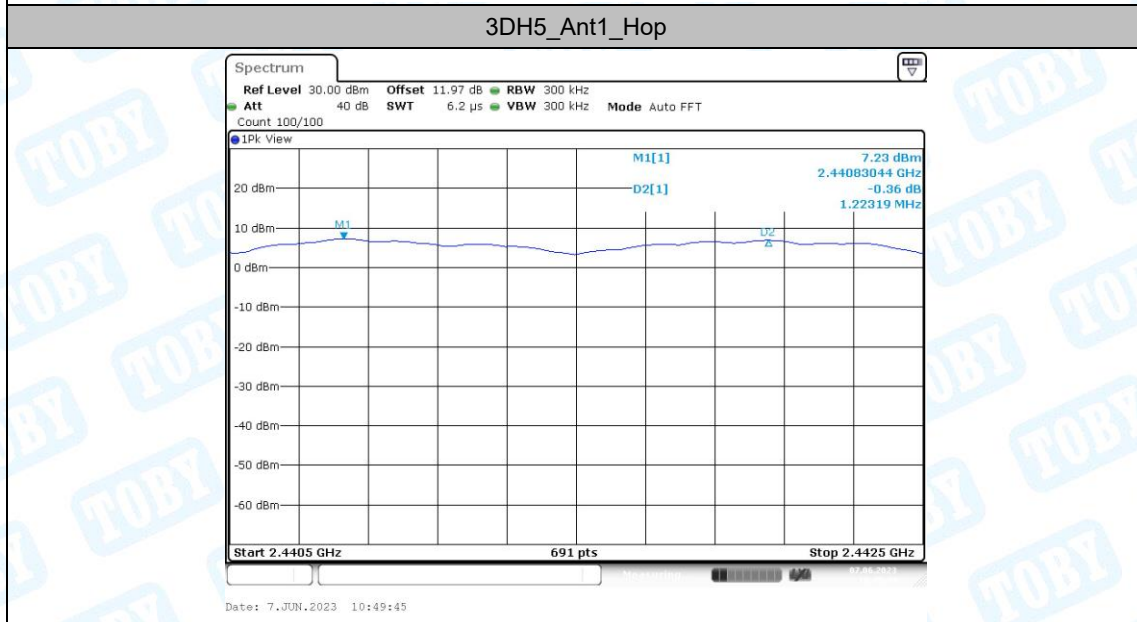
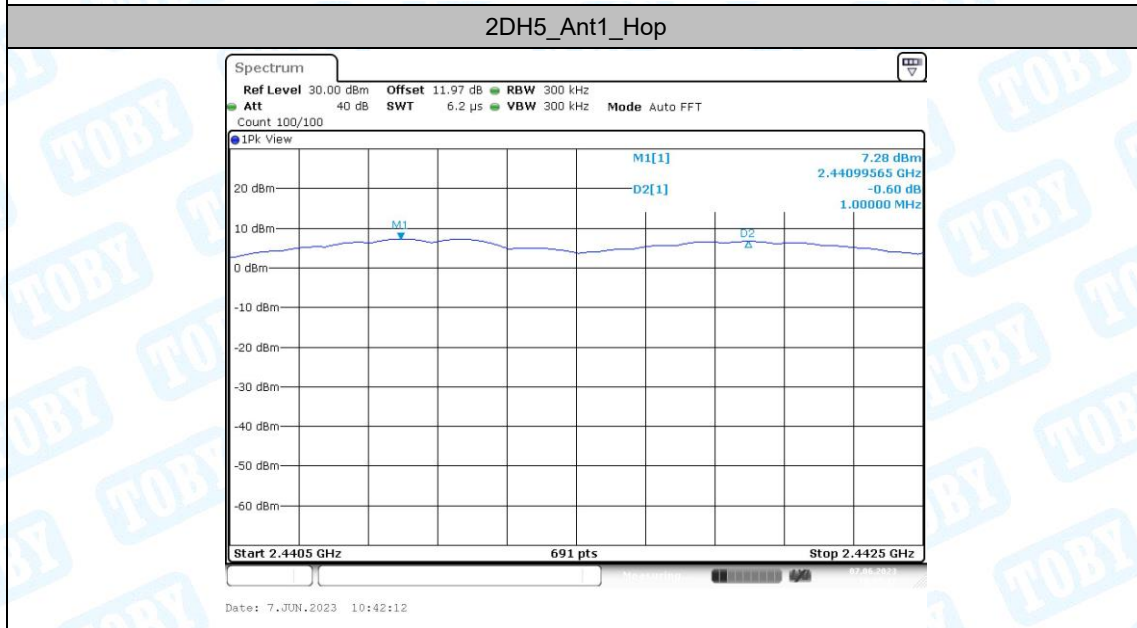
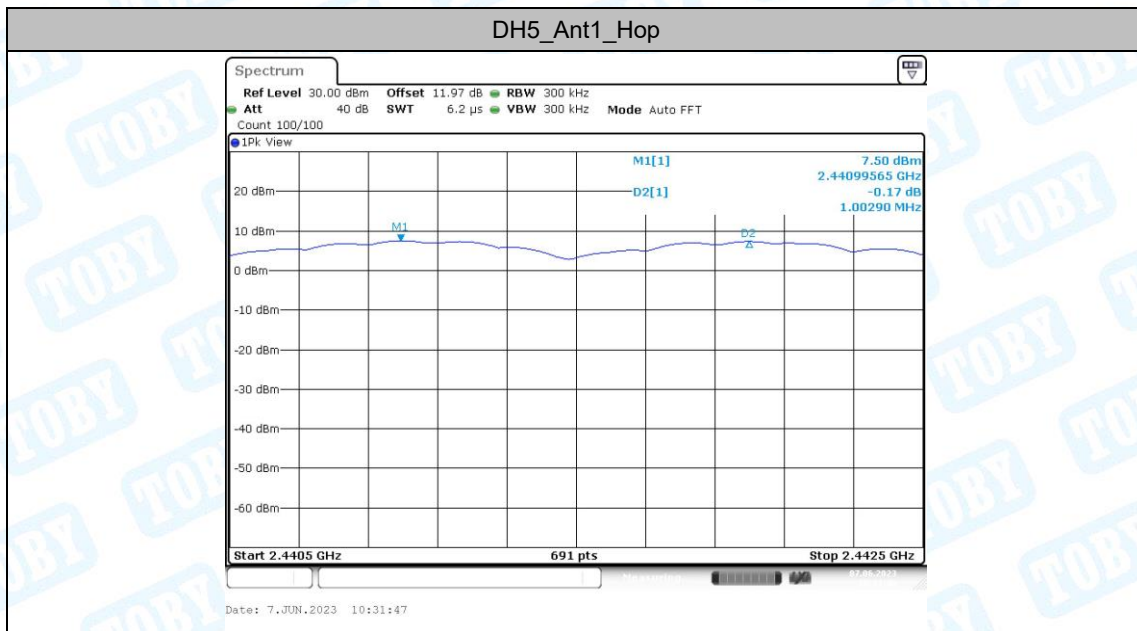


4. Carrier frequency separation

4.1. Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥ 0.633	PASS
2DH5	Ant1	Hop	1.000	≥ 0.860	PASS
3DH5	Ant1	Hop	1.223	≥ 0.860	PASS

4.2. Test Graphs

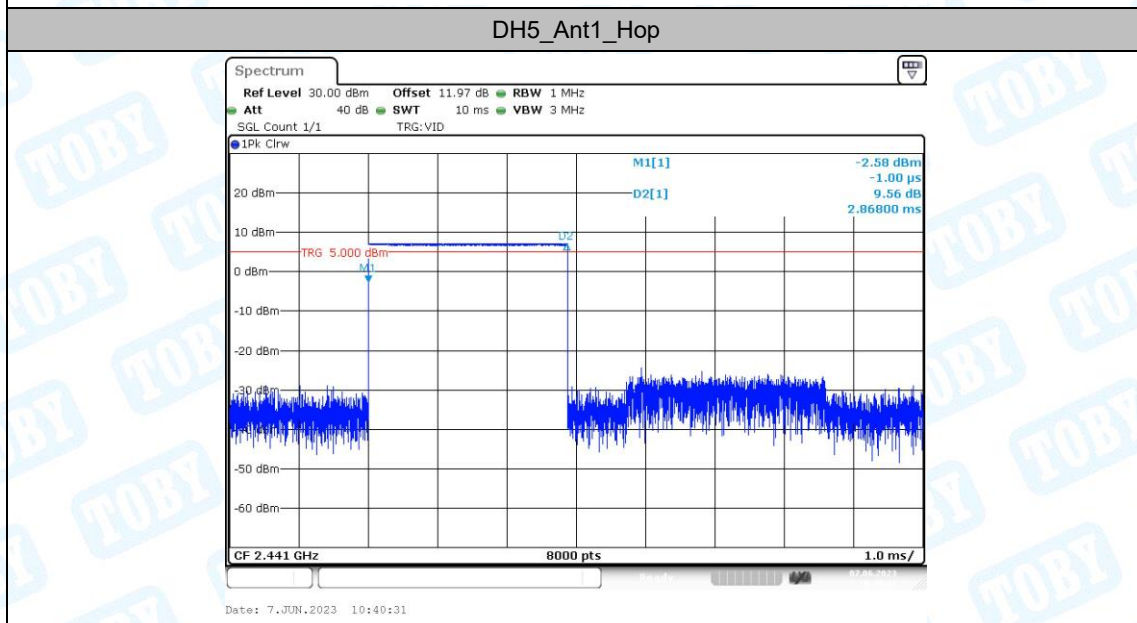
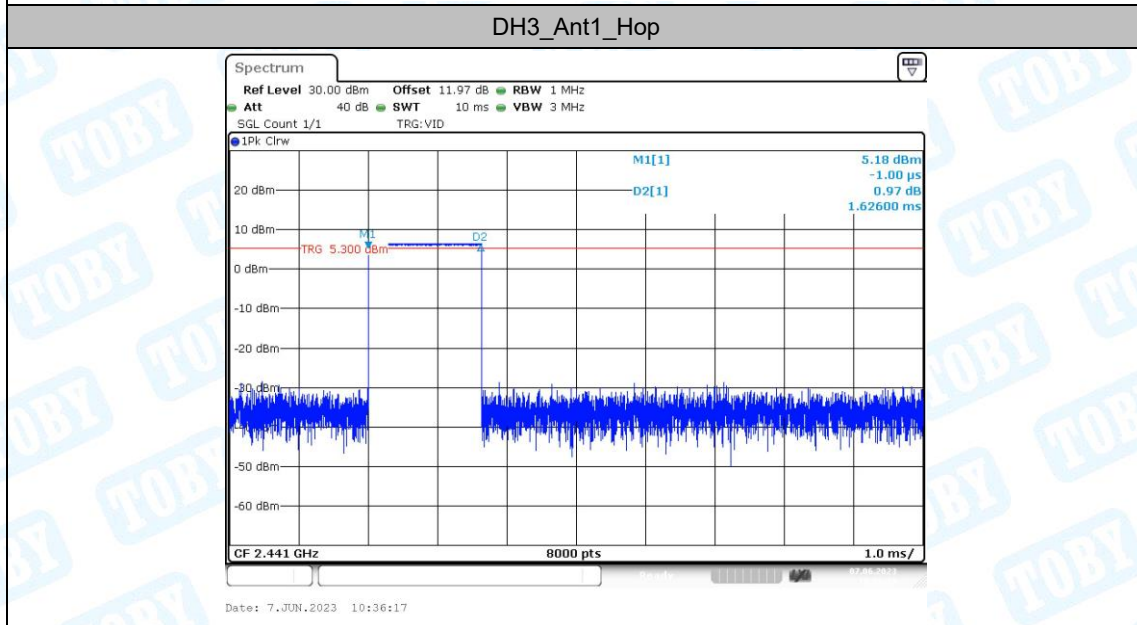
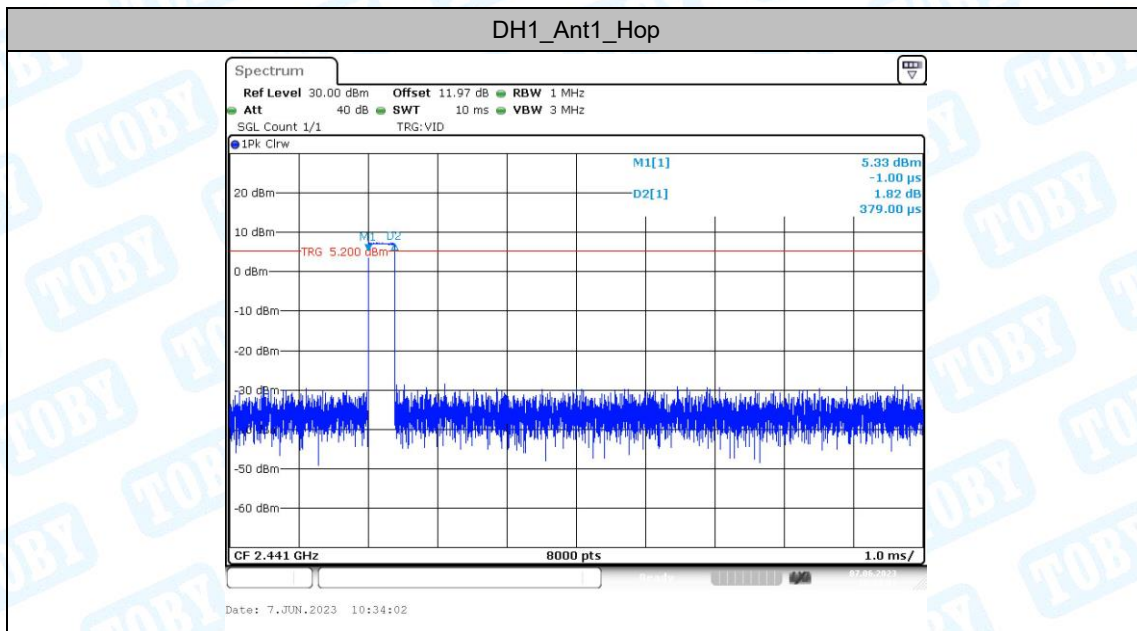


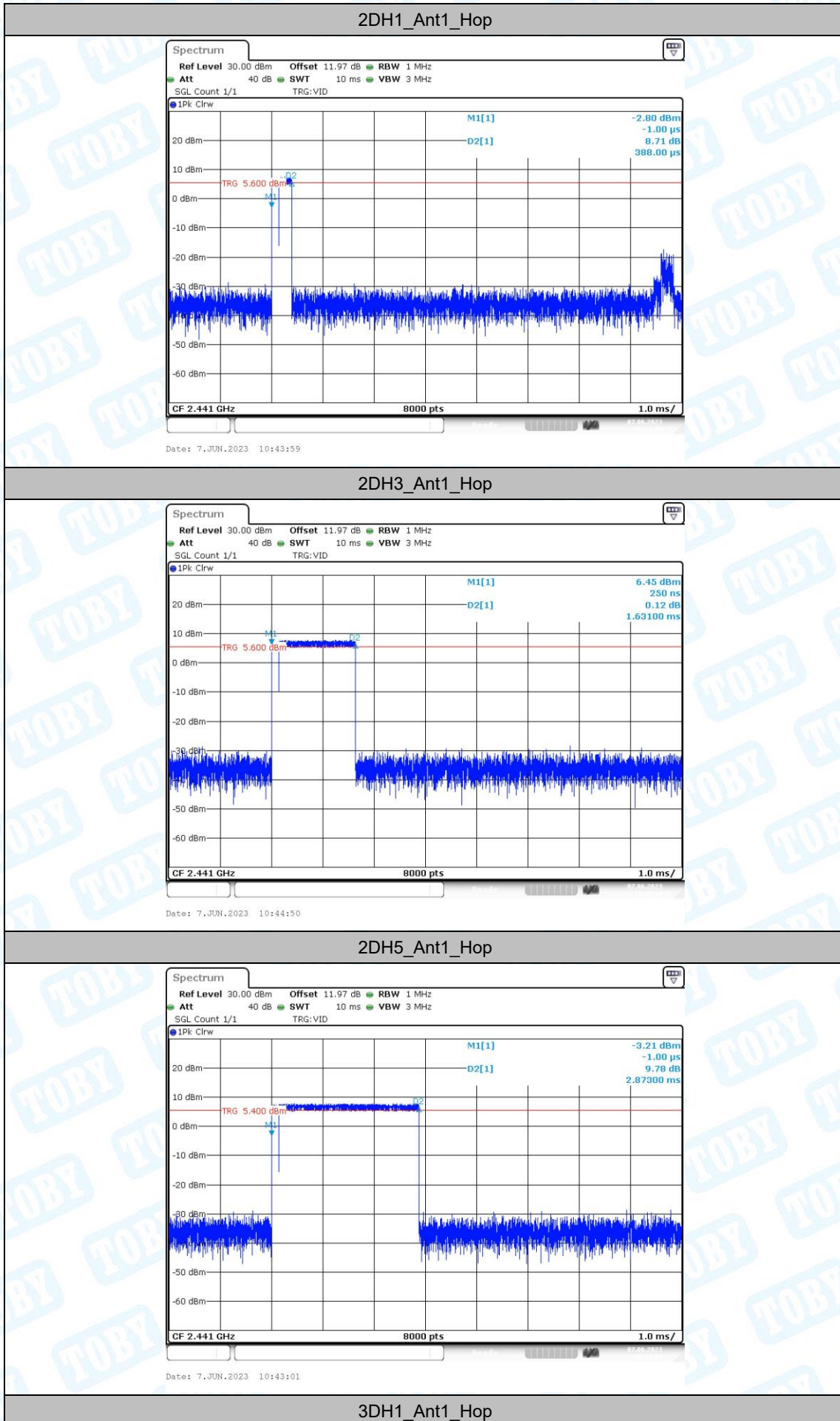
5. Time of occupancy

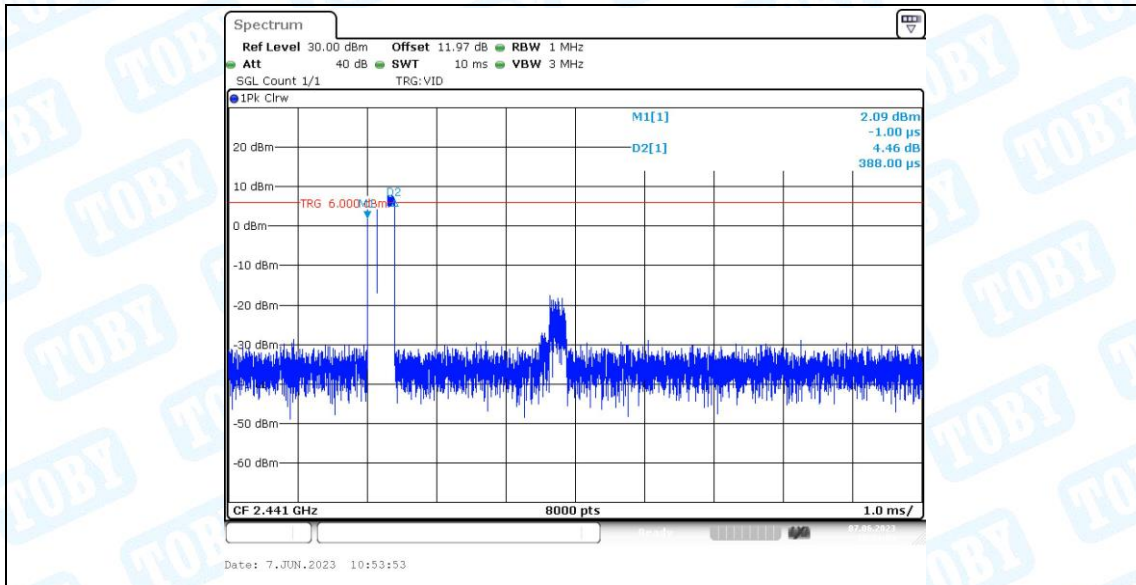
5.1. Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.379	320	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.626	160	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.868	106.67	0.306	≤0.4	PASS
2DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.631	160	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.873	106.67	0.306	≤0.4	PASS
3DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.874	106.67	0.307	≤0.4	PASS

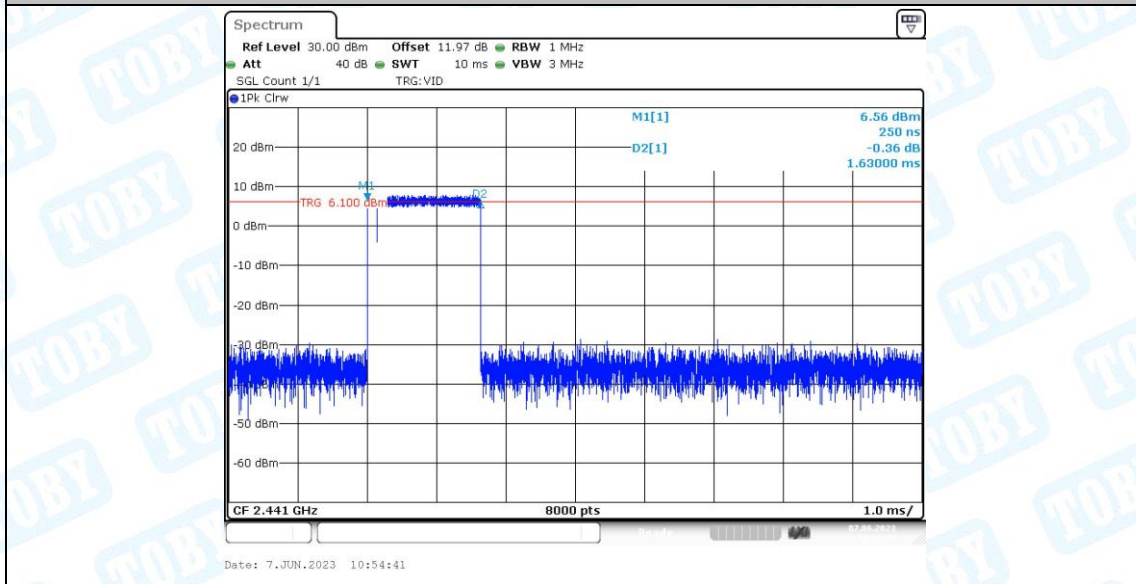
5.2. Test Graphs



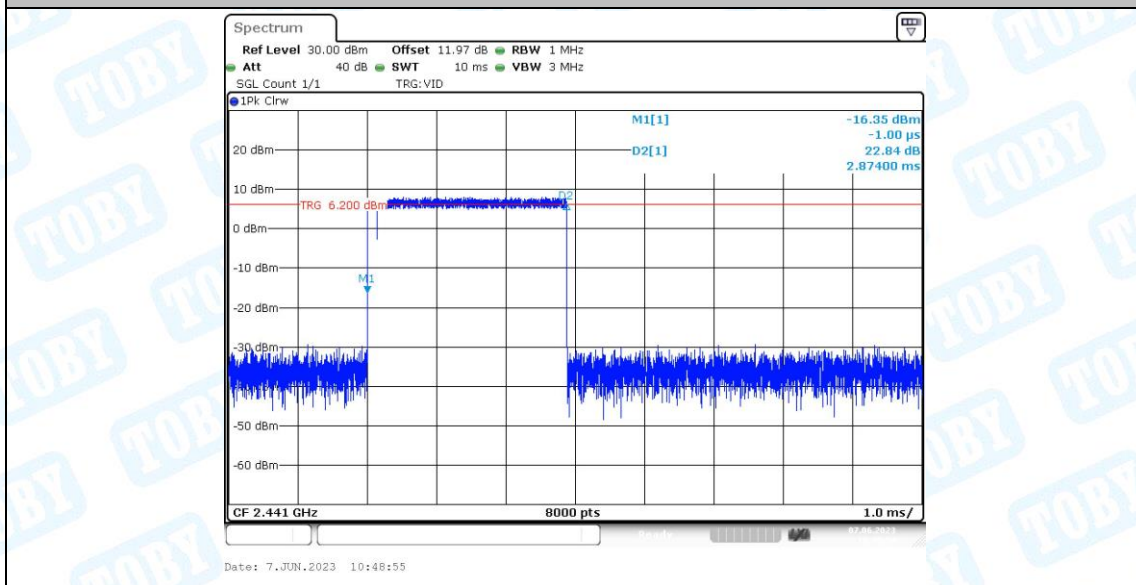




3DH3_Ant1_Hop



3DH5_Ant1_Hop

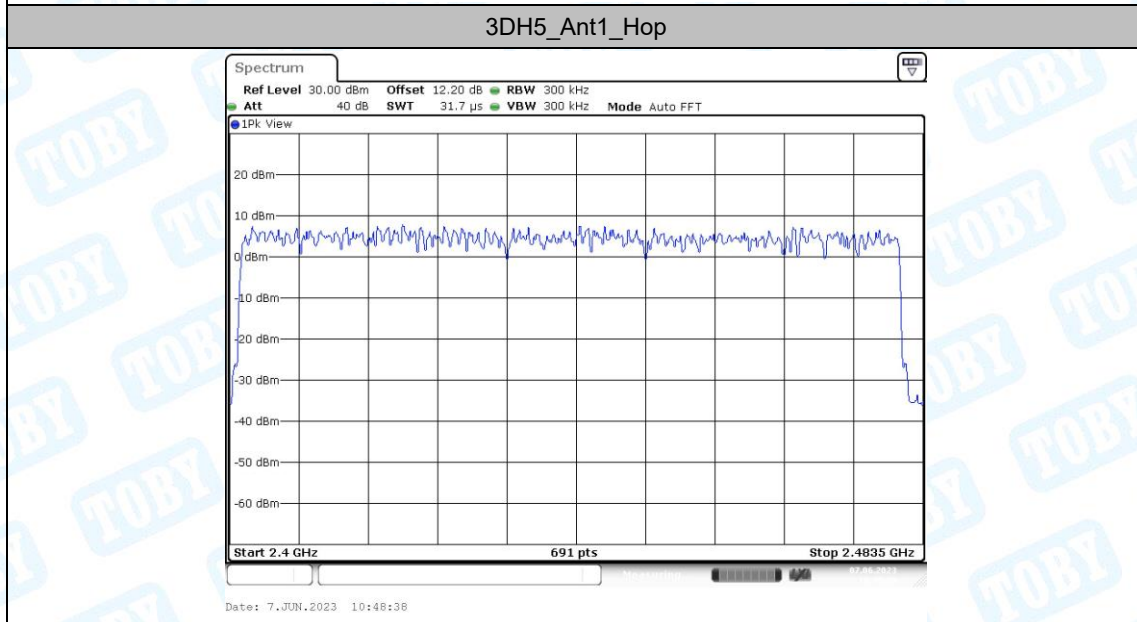
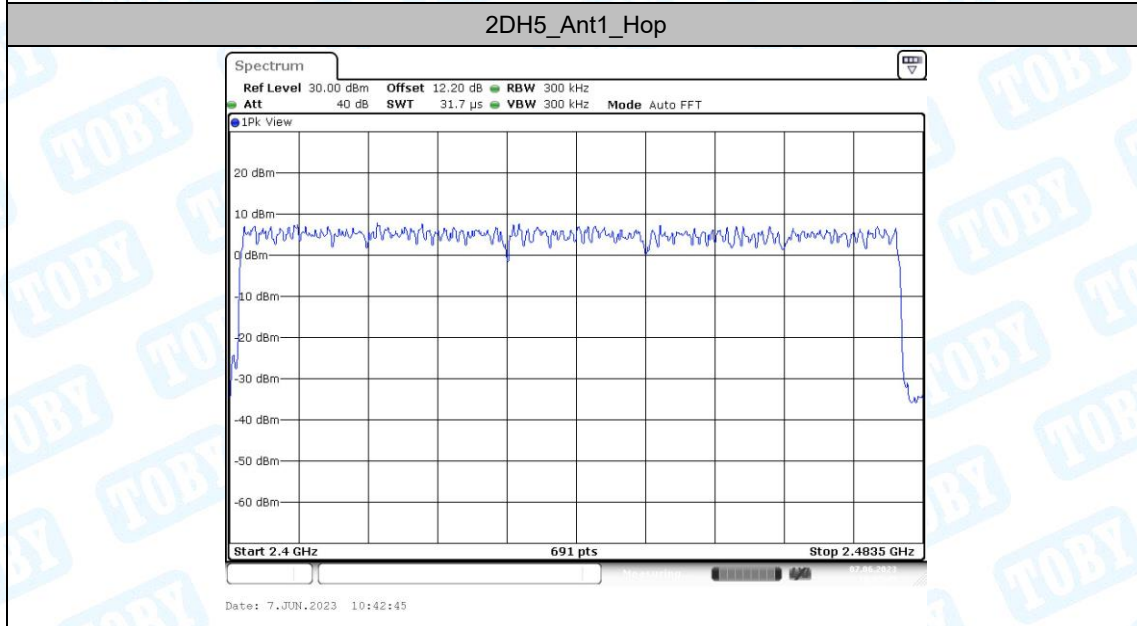
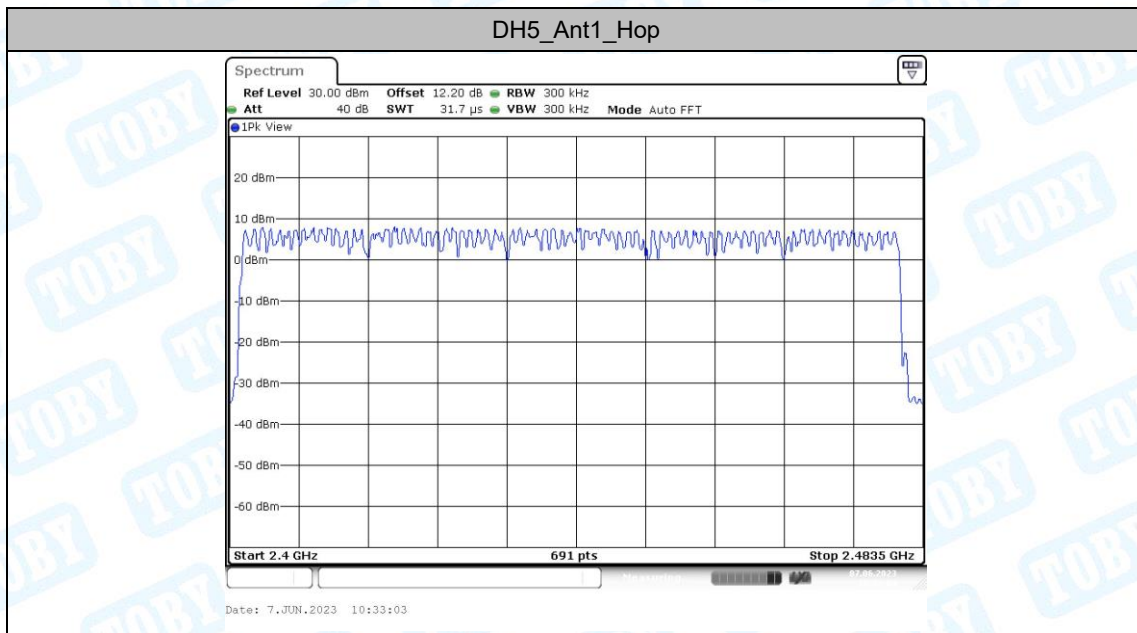


6. Number of hopping channels

6.1. Test Result

TestMode	Antenna	Channel	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

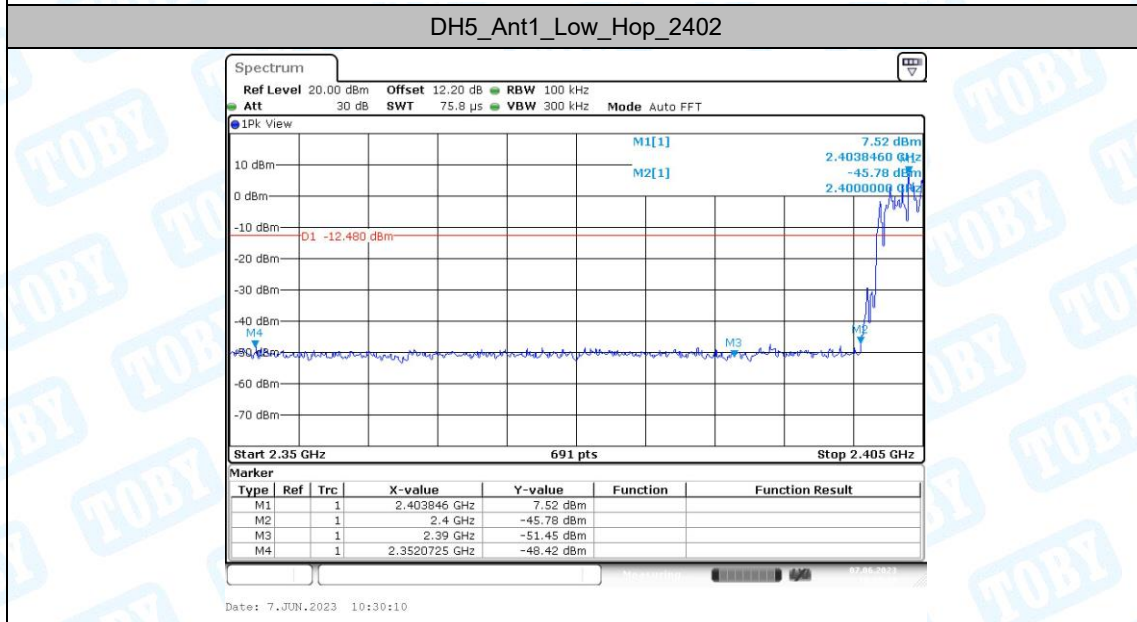
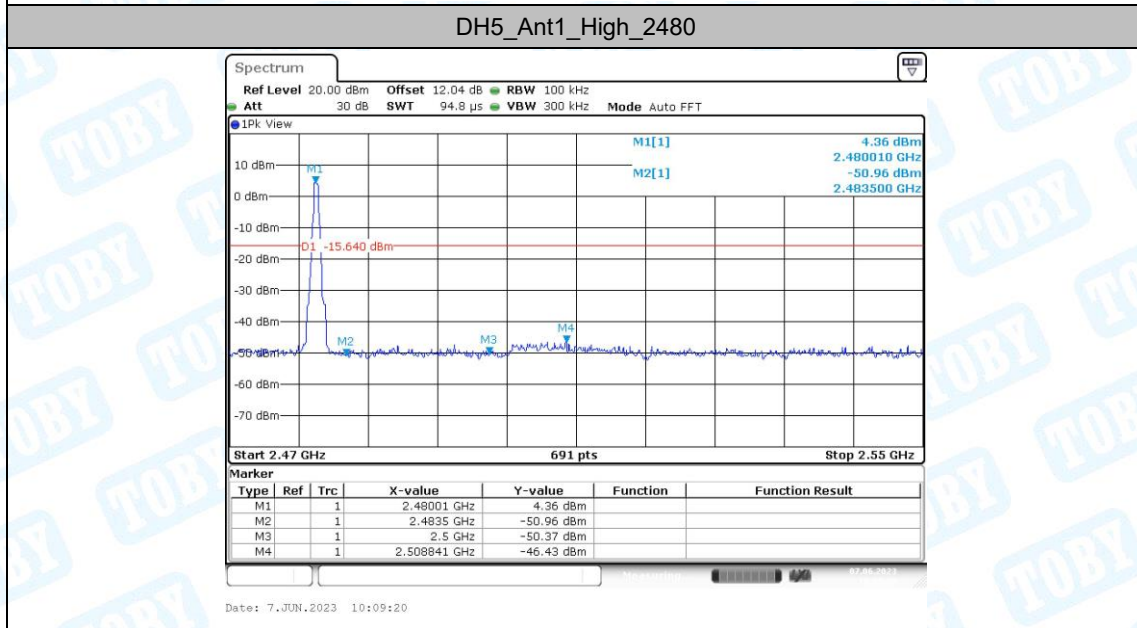
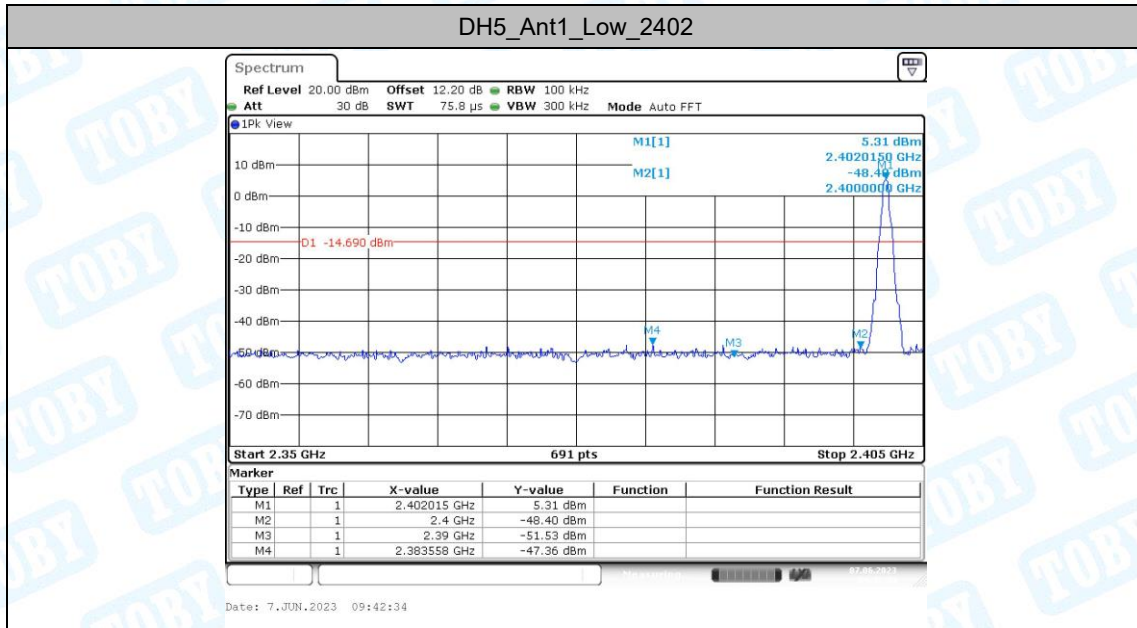


7. Band edge measurements

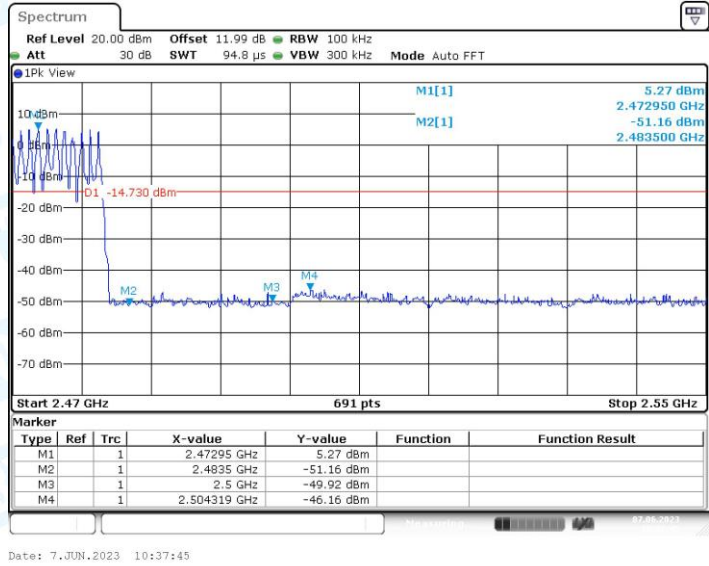
7.1. Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.31	-47.36	≤-14.69	PASS
		High	2480	4.36	-46.43	≤-15.64	PASS
		Low	Hop_2402	7.52	-48.42	≤-12.48	PASS
		High	Hop_2480	5.27	-46.16	≤-14.73	PASS
2DH5	Ant1	Low	2402	5.70	-46.75	≤-14.3	PASS
		High	2480	5.04	-45.41	≤-14.96	PASS
		Low	Hop_2402	2.69	-47.81	≤-17.31	PASS
		High	Hop_2480	5.51	-45.67	≤-14.49	PASS
3DH5	Ant1	Low	2402	5.28	-47.31	≤-14.72	PASS
		High	2480	5.16	-46.5	≤-14.84	PASS
		Low	Hop_2402	4.46	-47.31	≤-15.54	PASS
		High	Hop_2480	3.56	-46.51	≤-16.44	PASS

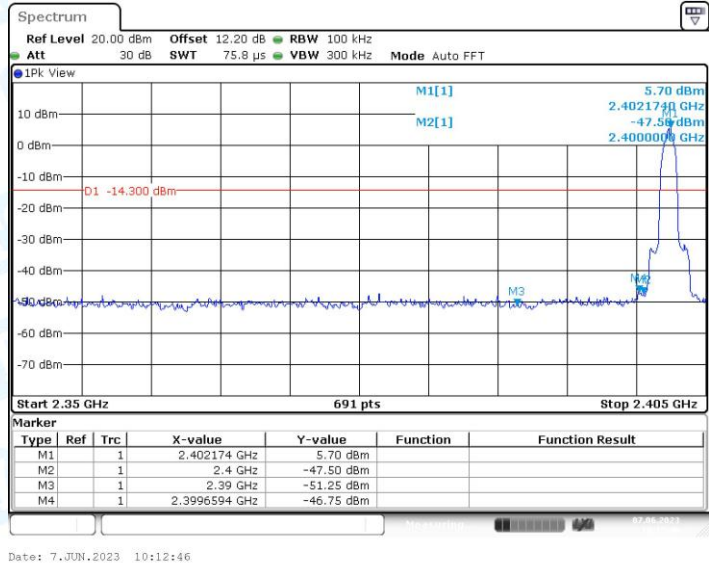
7.2. Test Graphs



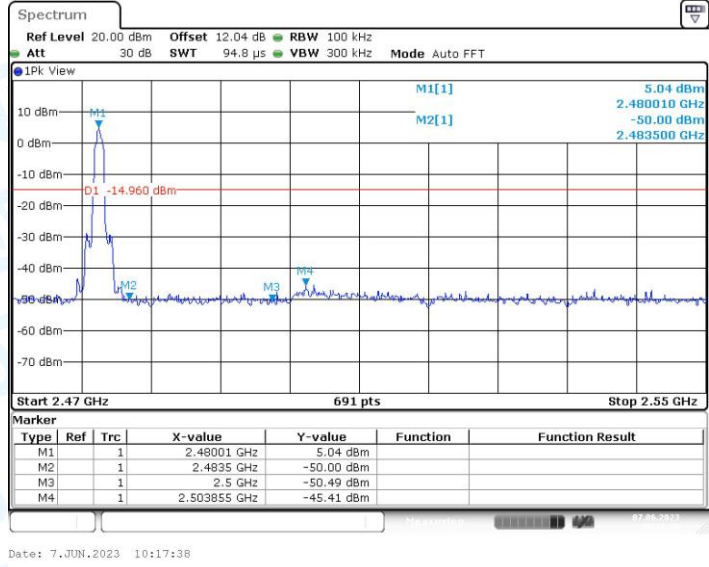
DH5_Ant1_High_Hop_2480



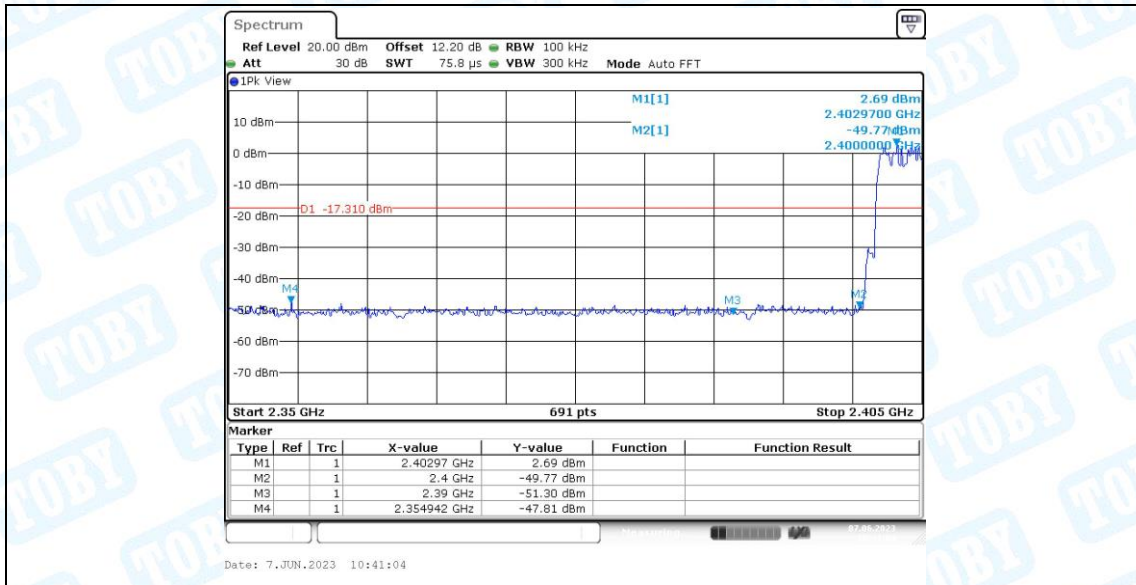
2DH5_Ant1_Low_2402



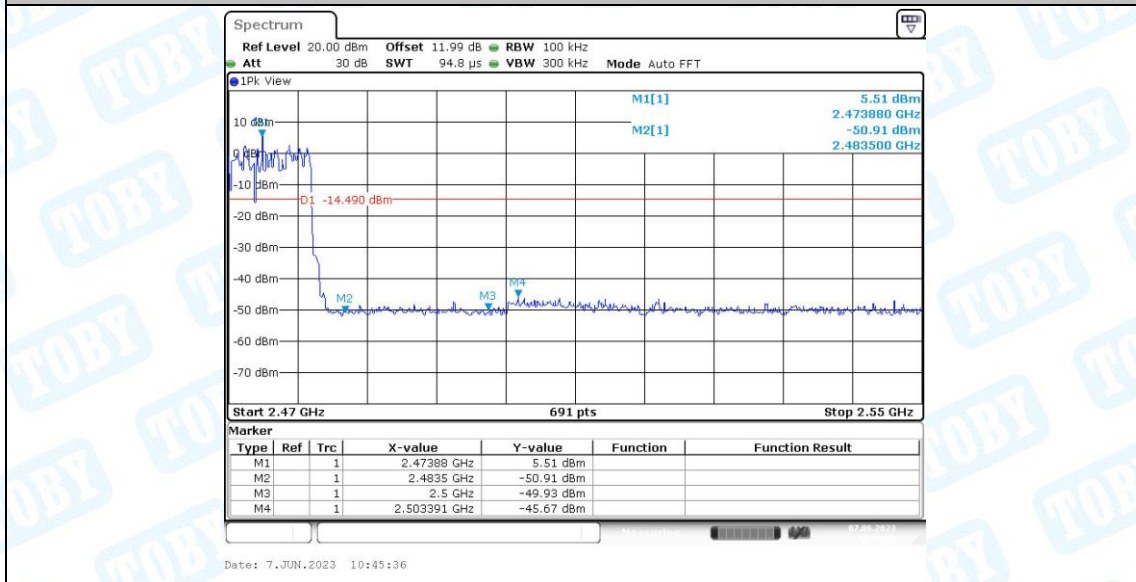
2DH5_Ant1_High_2480



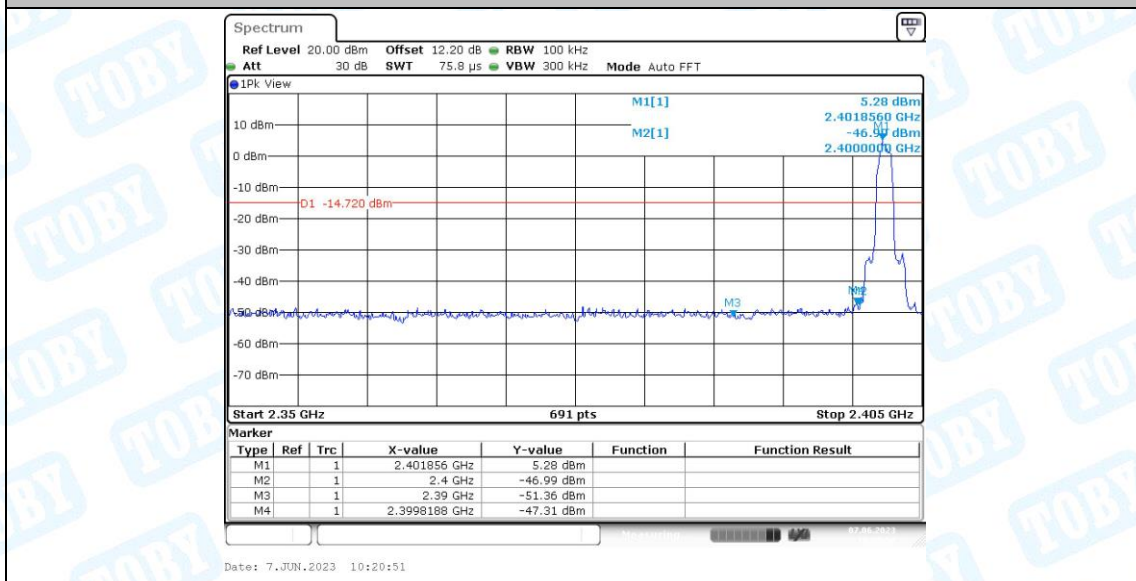
2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480