



Appendix A: 20dB Emission Bandwidth

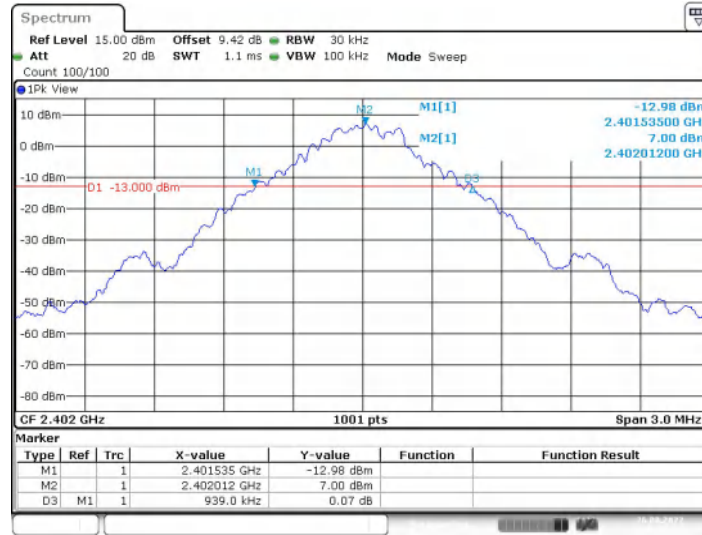
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.94	2401.54	2402.47	---	---
		2441	0.94	2440.54	2441.47	---	---
		2480	0.94	2479.54	2480.47	---	---
2DH5	Ant1	2402	1.30	2401.35	2402.65	---	---
		2441	1.30	2440.35	2441.65	---	---
		2480	1.30	2479.35	2480.65	---	---
3DH5	Ant1	2402	1.30	2401.35	2402.65	---	---
		2441	1.30	2440.35	2441.65	---	---
		2480	1.29	2479.35	2480.65	---	---

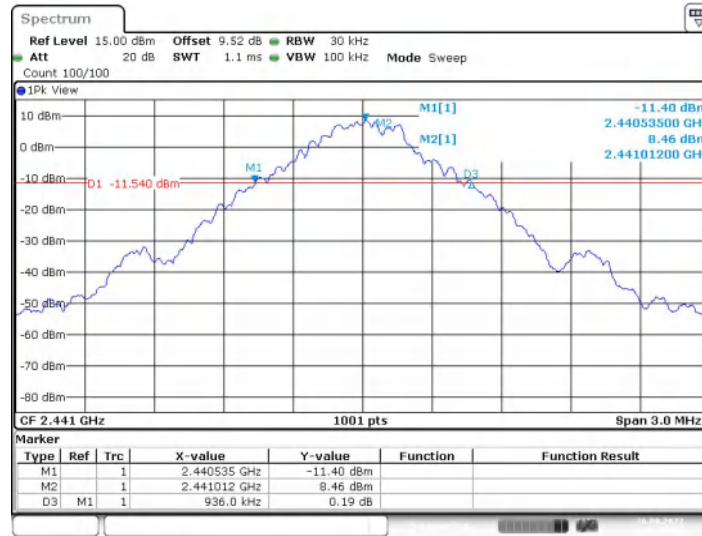


Test Graphs

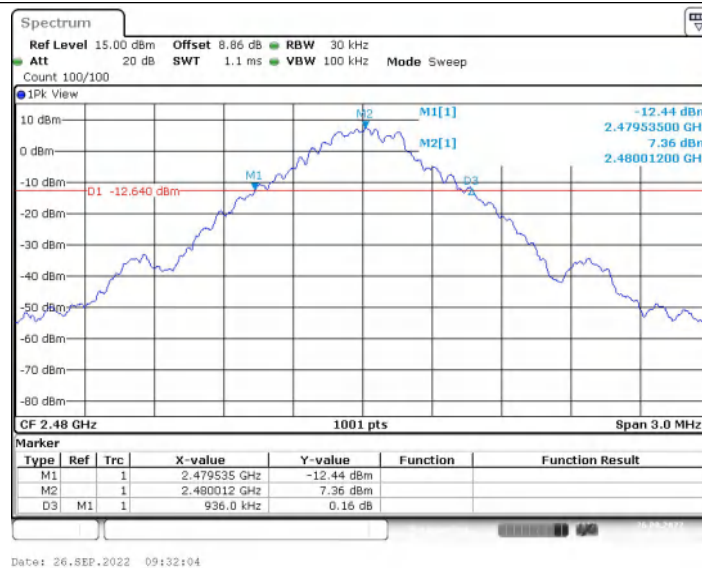
DH5_Ant1_2402



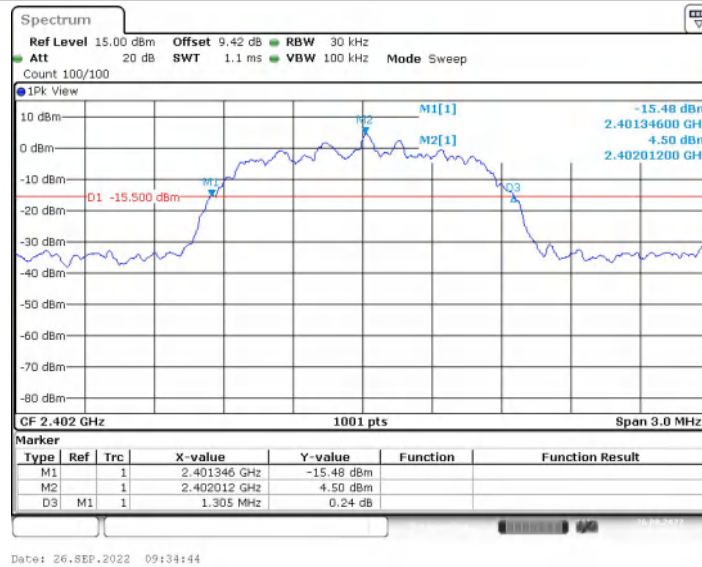
DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



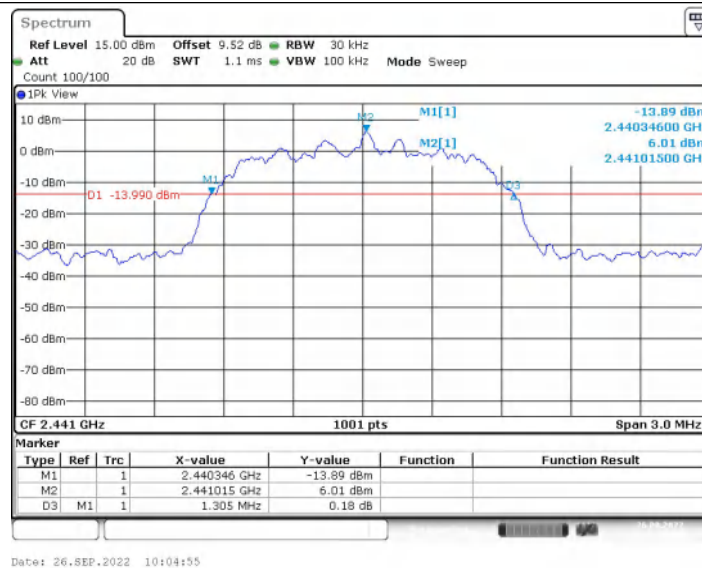
2DH5_Ant1_2441



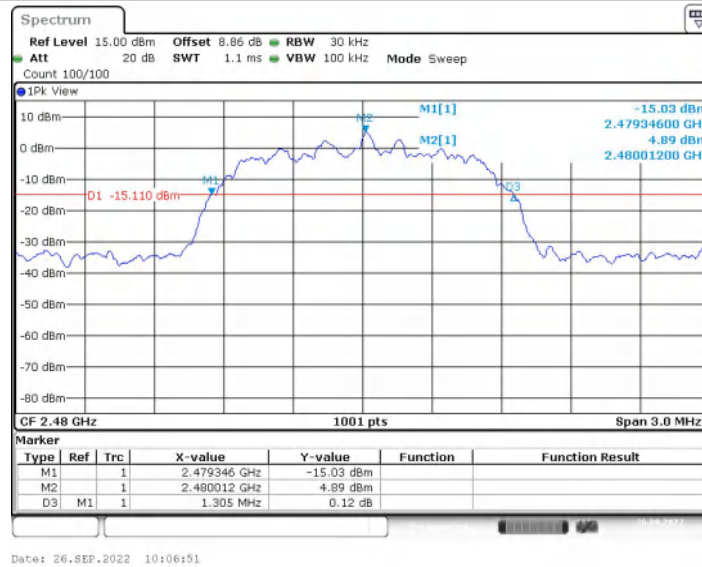
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2DH5_Ant1_2480



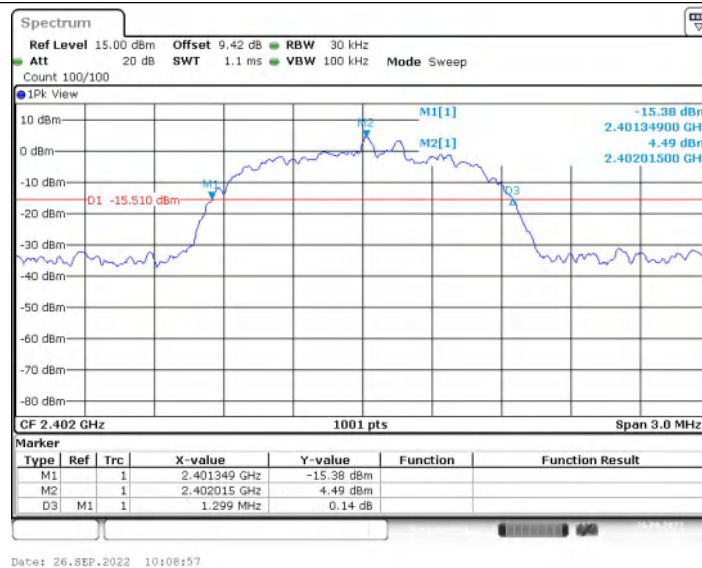
3DH5_Ant1_2402



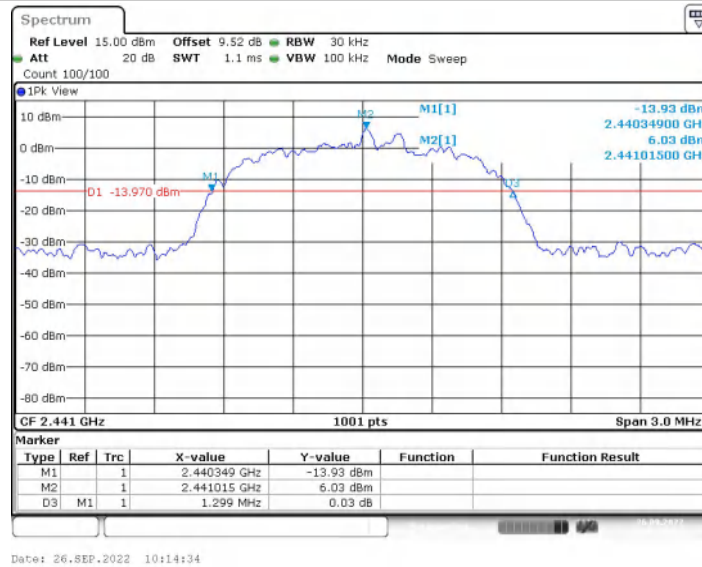
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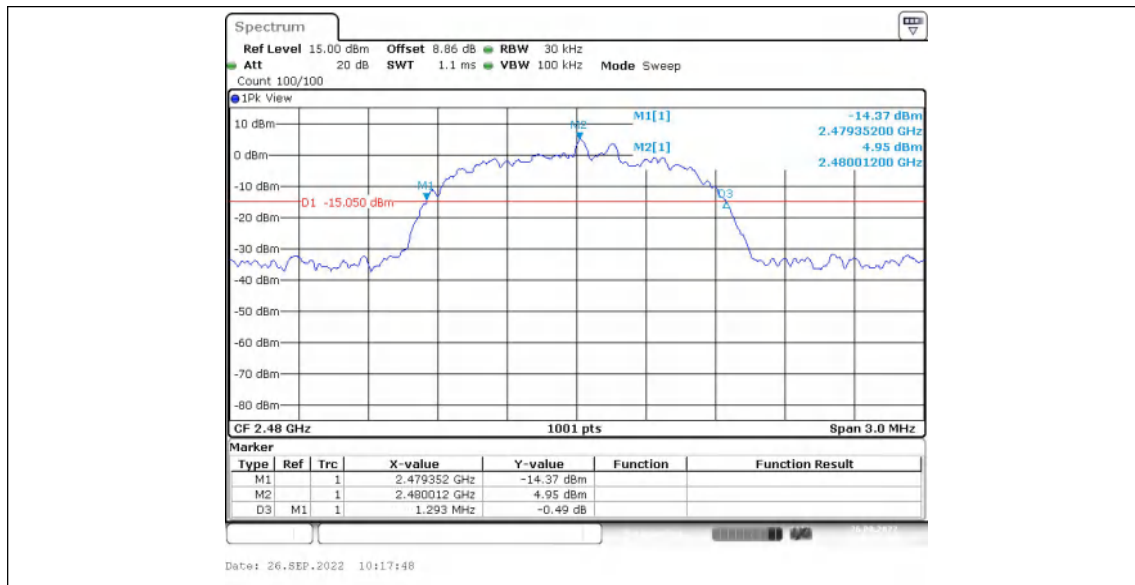
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3DH5_Ant1_2441



3DH5_Ant1_2480





Appendix B: Occupied Channel Bandwidth

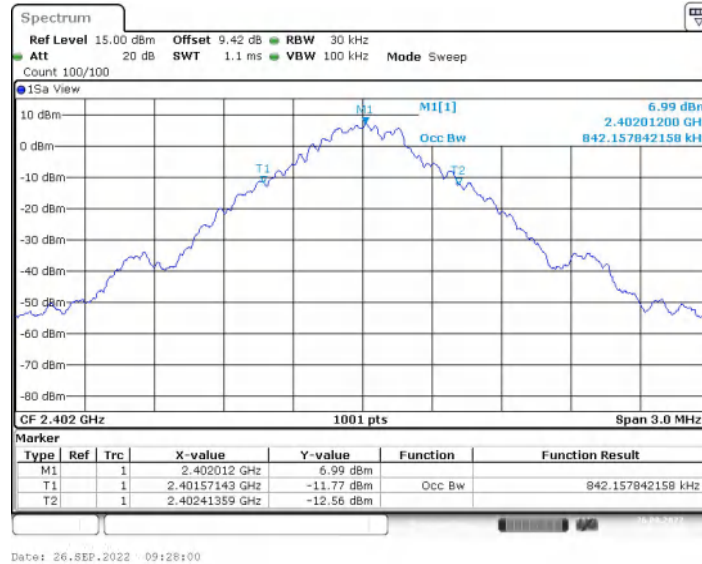
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.842	2401.571	2402.414	---	---
		2441	0.839	2440.571	2441.411	---	---
		2480	0.839	2479.571	2480.411	---	---
2DH5	Ant1	2402	1.19	2401.404	2402.593	---	---
		2441	1.187	2440.404	2441.590	---	---
		2480	1.187	2479.404	2480.590	---	---
3DH5	Ant1	2402	1.19	2401.404	2402.593	---	---
		2441	1.193	2440.401	2441.593	---	---
		2480	1.19	2479.401	2480.590	---	---



Test Graphs

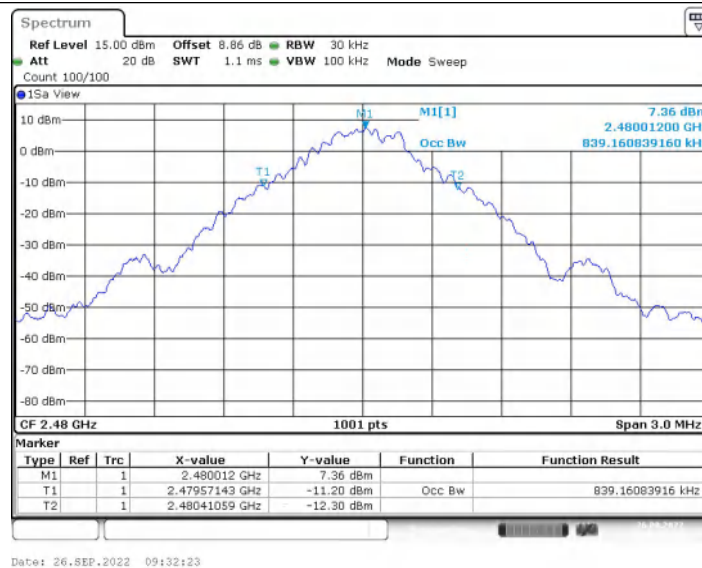
DH5_Ant1_2402



DH5_Ant1_2441



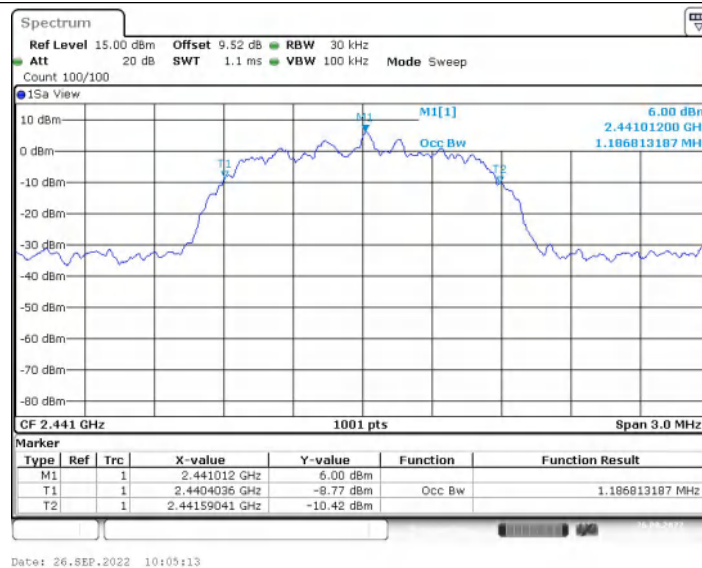
DH5_Ant1_2480



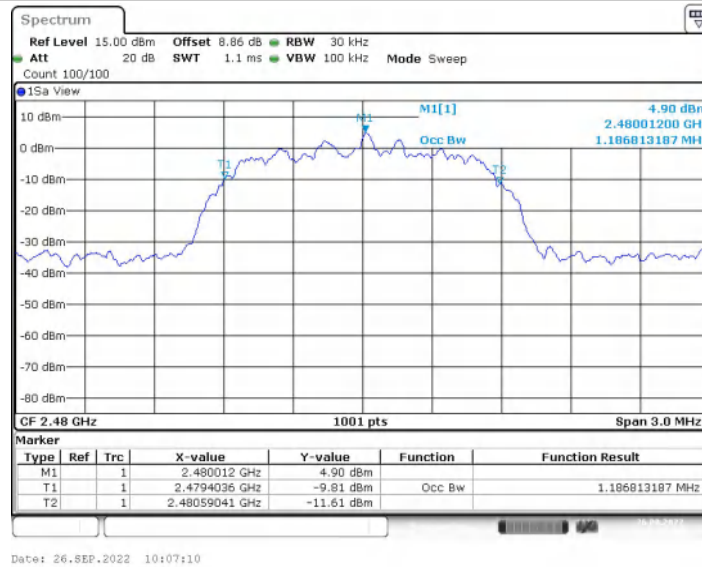
2DH5_Ant1_2402



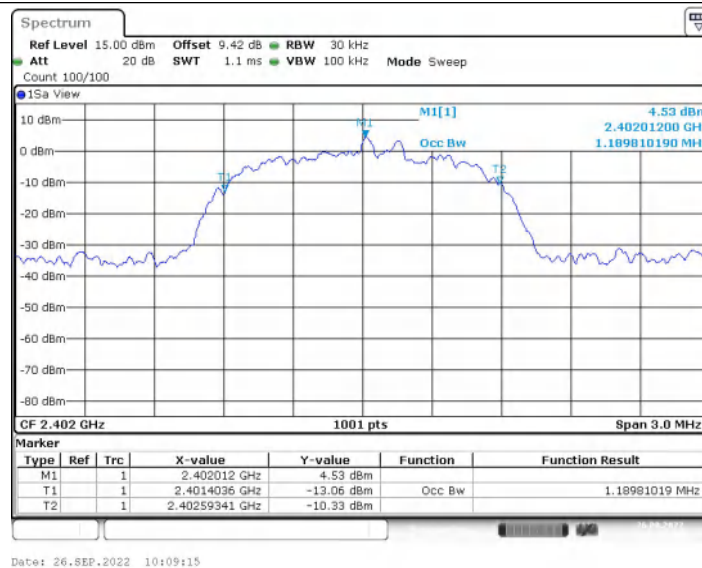
2DH5_Ant1_2441



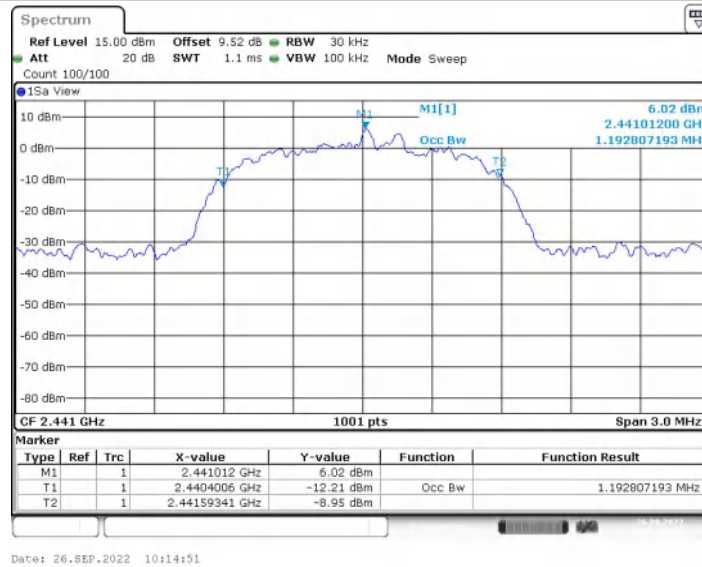
2DH5_Ant1_2480



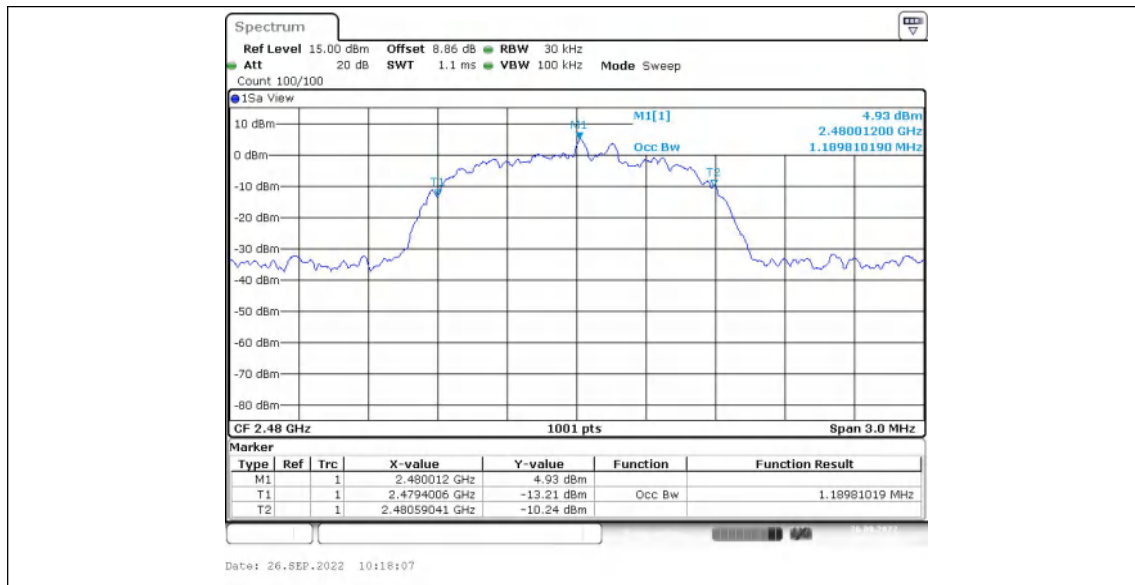
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
DH5	Ant1	2402	9.33	≤20.97	8.83	≤36	PASS
		2441	10.79	≤20.97	10.29	≤36	PASS
		2480	9.69	≤20.97	9.19	≤36	PASS
2DH5	Ant1	2402	8.25	≤20.97	7.75	≤36	PASS
		2441	9.71	≤20.97	9.21	≤36	PASS
		2480	8.61	≤20.97	8.11	≤36	PASS
3DH5	Ant1	2402	8.68	≤20.97	8.18	≤36	PASS
		2441	10.15	≤20.97	9.65	≤36	PASS
		2480	9.02	≤20.97	8.52	≤36	PASS



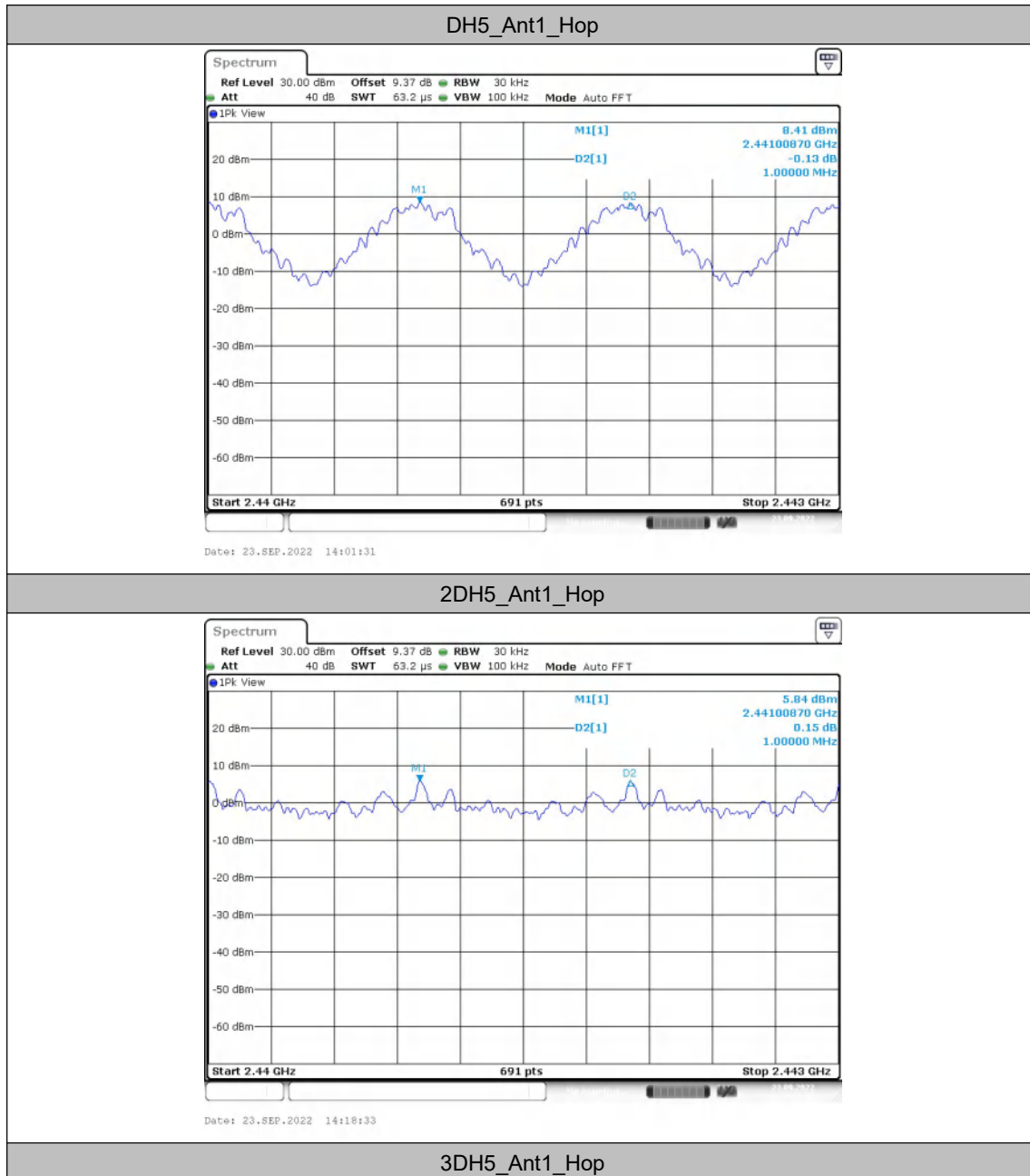
Appendix D: Carrier frequency separation

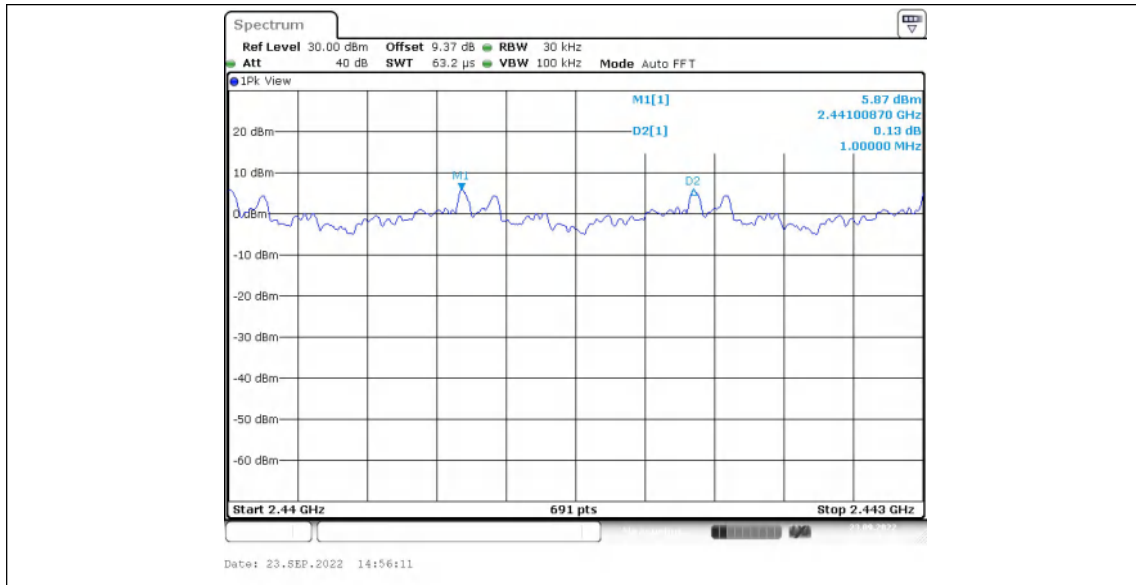
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.000	≥ 0.940	PASS
2DH5	Ant1	Hop	1.000	≥ 0.867	PASS
3DH5	Ant1	Hop	1.000	≥ 0.867	PASS



Test Graphs







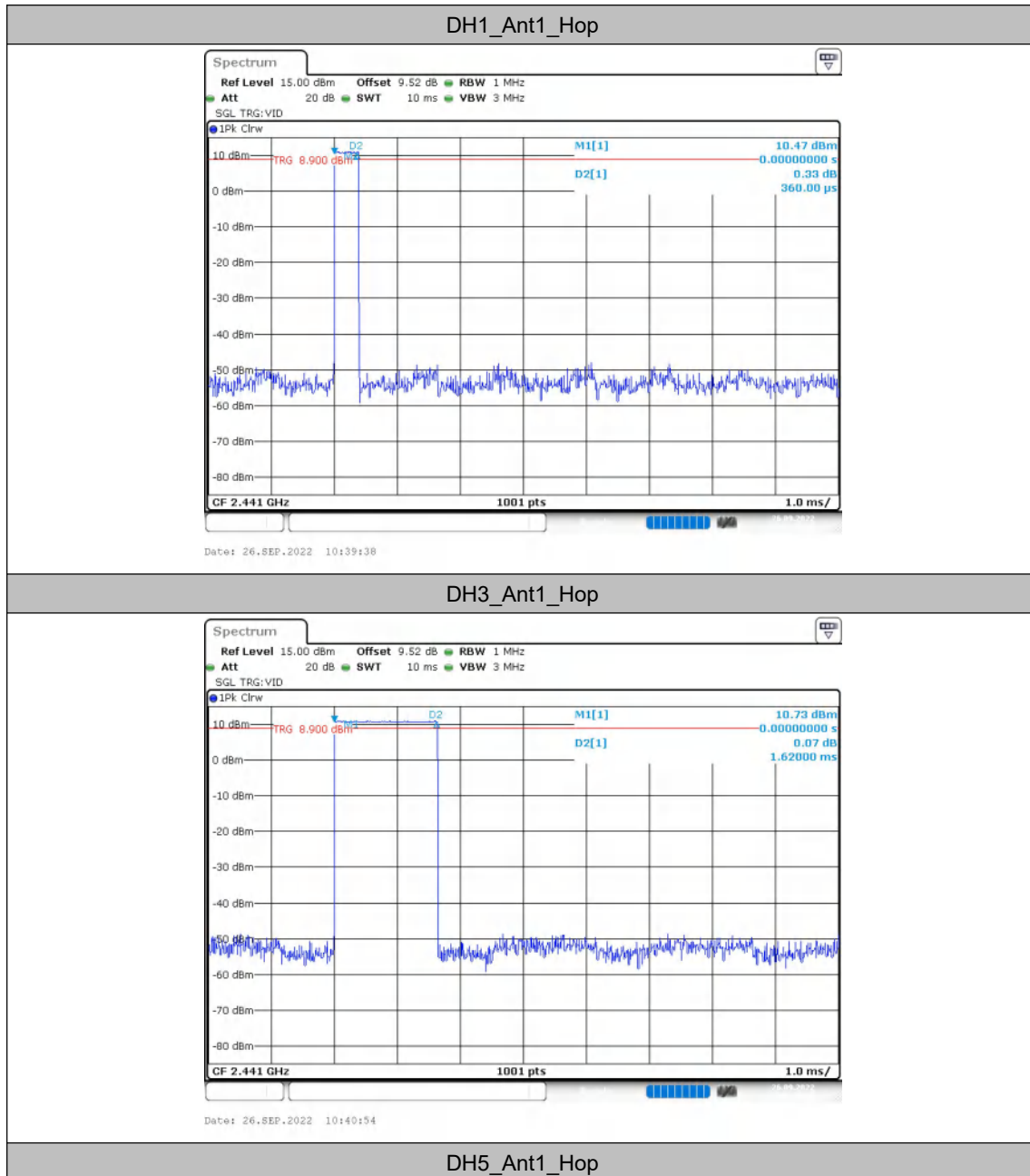
Appendix E: Time of occupancy

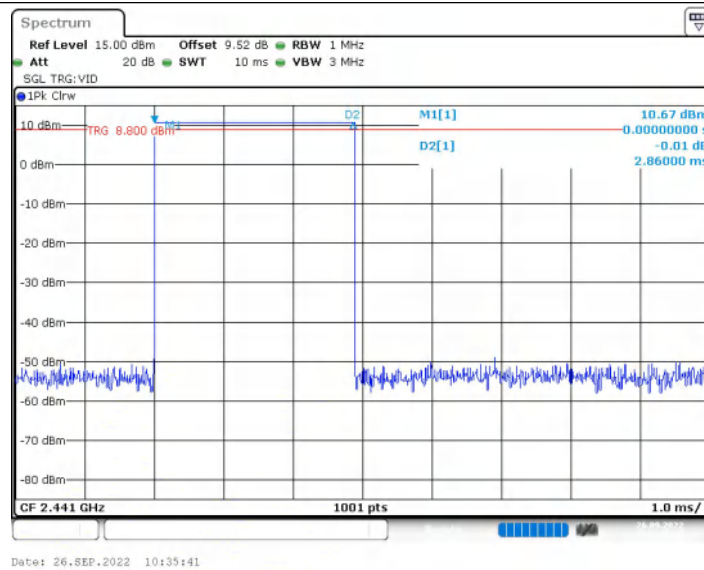
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.36	320	0.115	≤0.4	PASS
DH3	Ant1	Hop	1.62	160	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.86	106.67	0.305	≤0.4	PASS
2DH1	Ant1	Hop	0.37	320	0.118	≤0.4	PASS
2DH3	Ant1	Hop	1.62	160	0.259	≤0.4	PASS
2DH5	Ant1	Hop	2.87	106.67	0.306	≤0.4	PASS
3DH1	Ant1	Hop	0.37	320	0.118	≤0.4	PASS
3DH3	Ant1	Hop	1.62	160	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.87	106.67	0.306	≤0.4	PASS

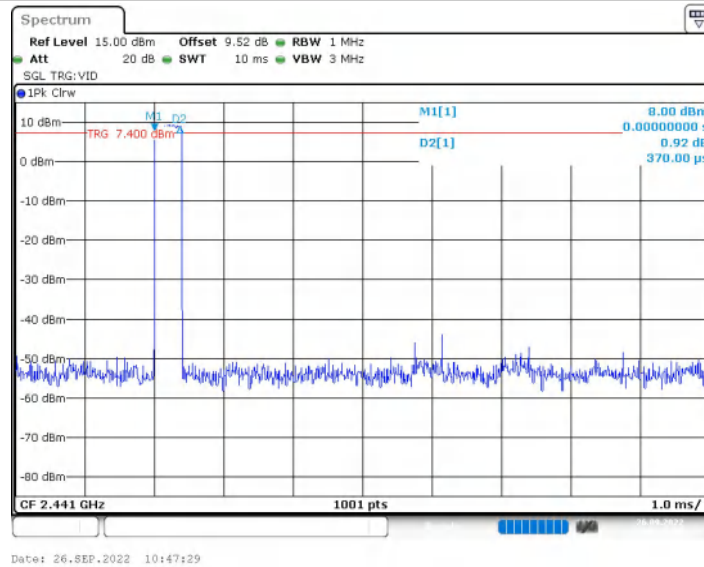


Test Graphs

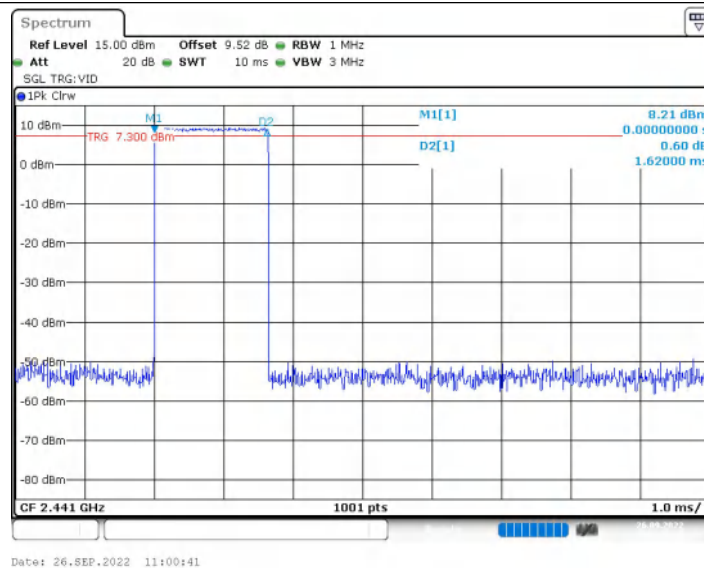




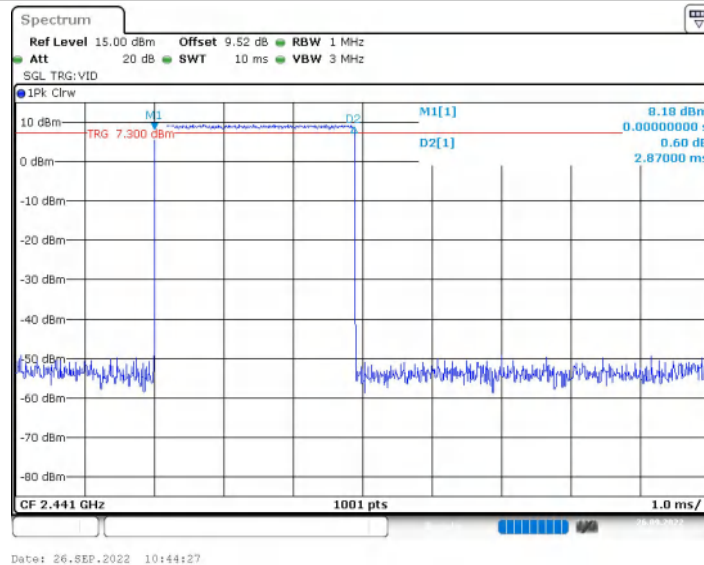
2DH1_Ant1_Hop



2DH3_Ant1_Hop



2DH5_Ant1_Hop



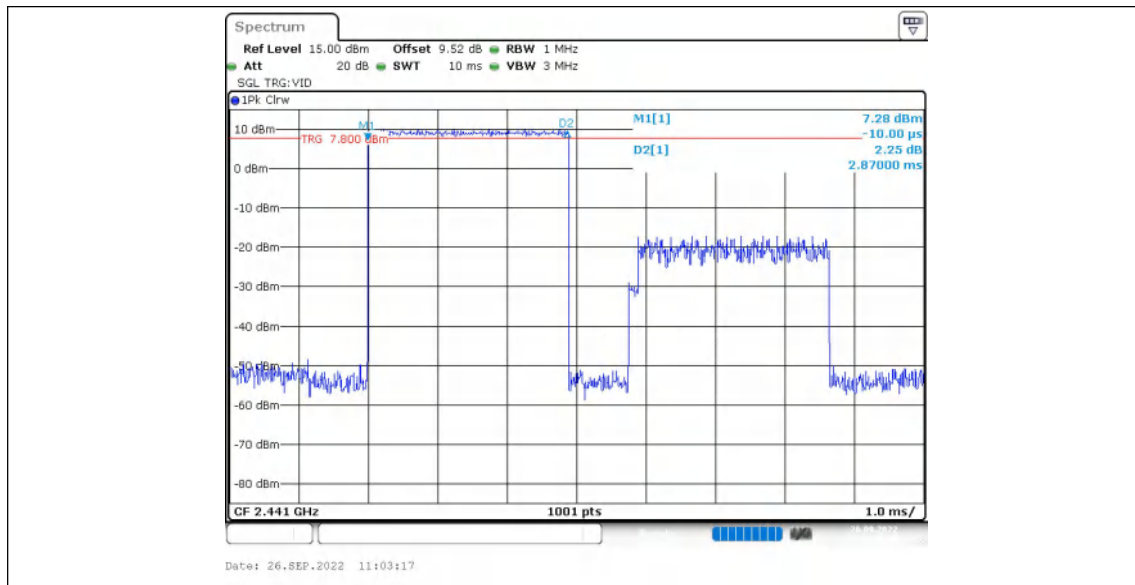
3DH1_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop





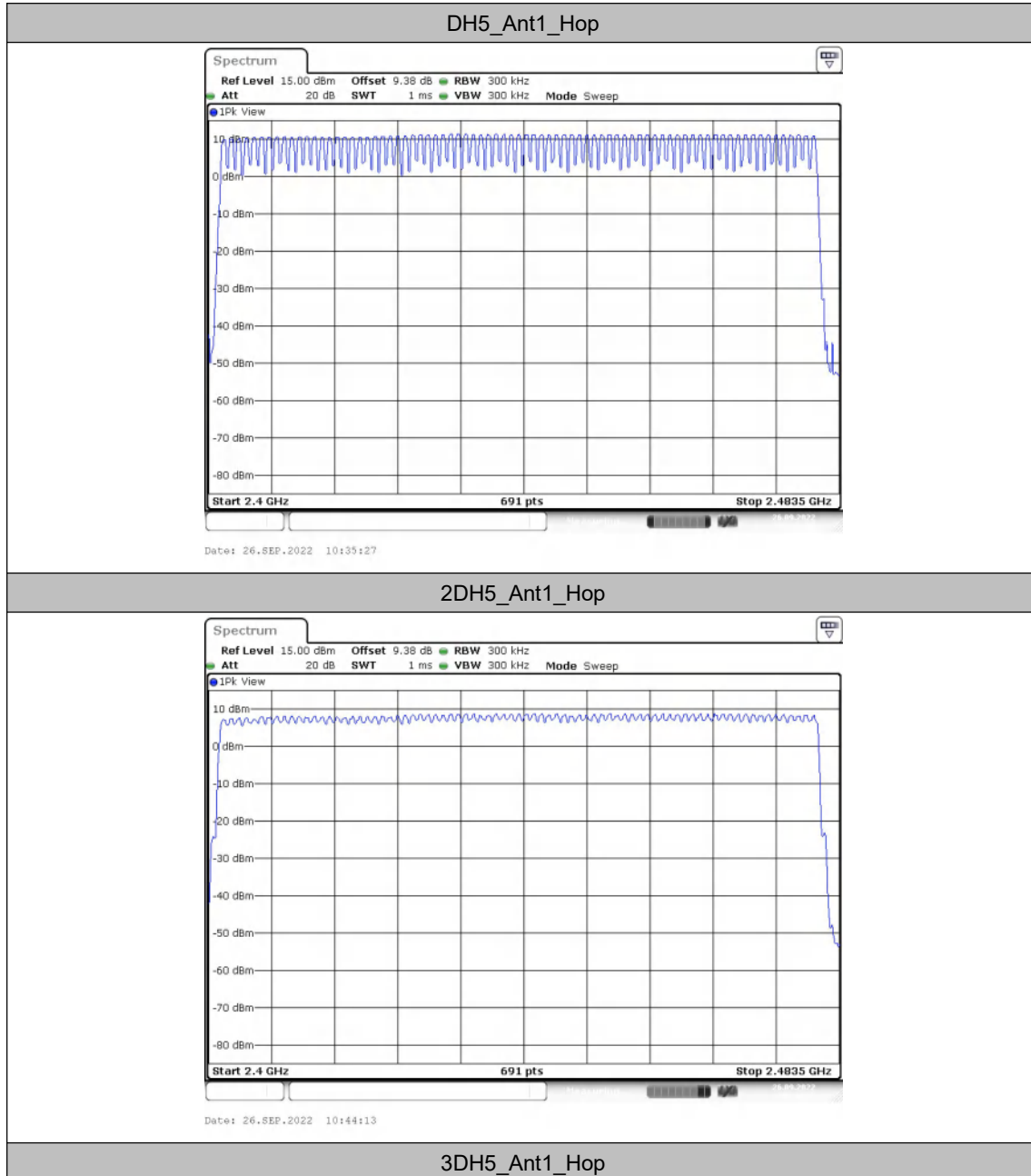
Appendix F: Number of hopping channels

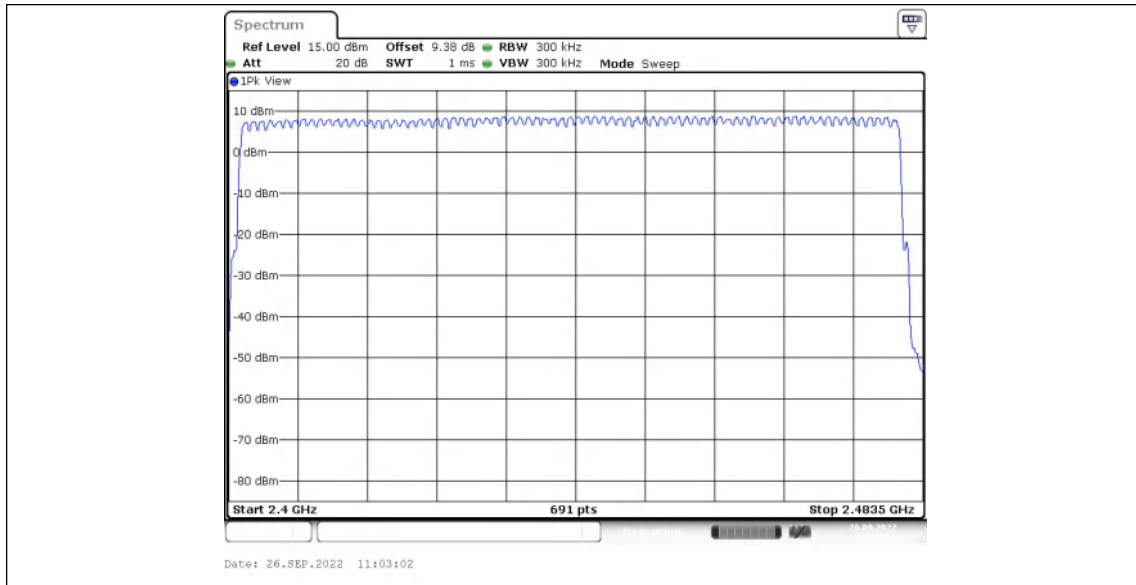
Test Result

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



Test Graphs







Appendix G: Band edge measurements

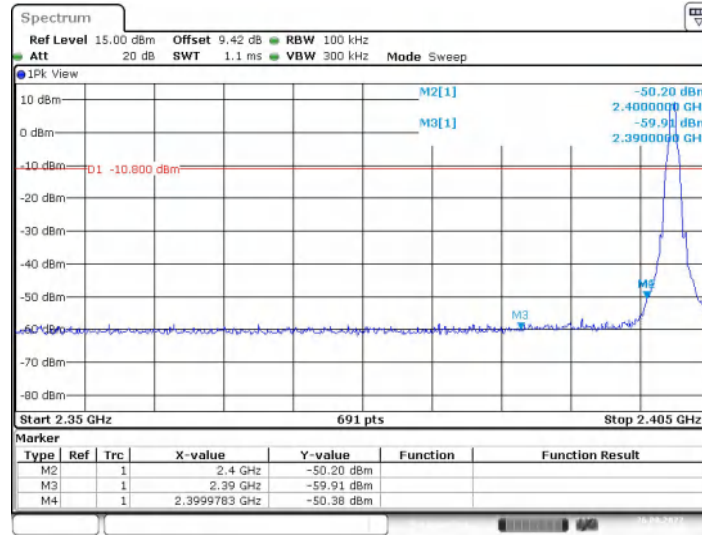
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	9.20	-50.38	≤ -10.8	PASS
		High	2480	9.49	-57.32	≤ -10.51	PASS
		Low	Hop_2402	9.14	-58.55	≤ -10.86	PASS
		High	Hop_2480	9.87	-57.67	≤ -10.13	PASS
2DH5	Ant1	Low	2402	6.57	-48.88	≤ -13.43	PASS
		High	2480	6.98	-57.41	≤ -13.02	PASS
		Low	Hop_2402	6.41	-58.16	≤ -13.59	PASS
		High	Hop_2480	7.10	-56.37	≤ -12.9	PASS
3DH5	Ant1	Low	2402	6.73	-49.82	≤ -13.27	PASS
		High	2480	6.98	-57.47	≤ -13.02	PASS
		Low	Hop_2402	6.02	-58.24	≤ -13.98	PASS
		High	Hop_2480	7.63	-57.65	≤ -12.37	PASS

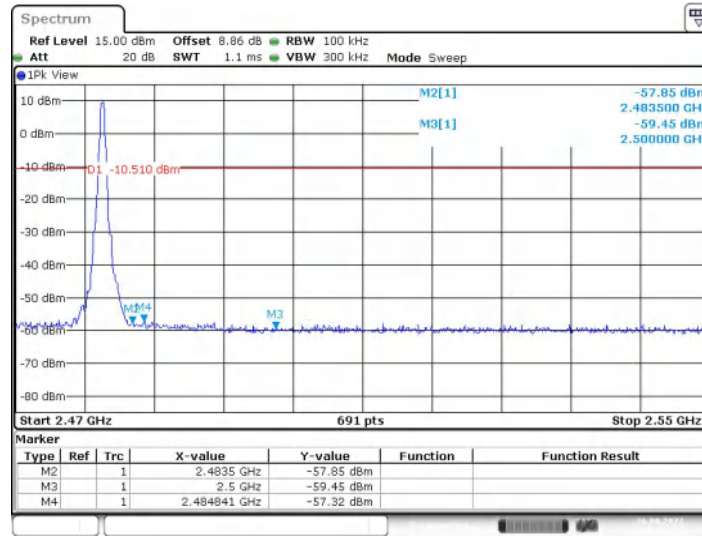


Test Graphs

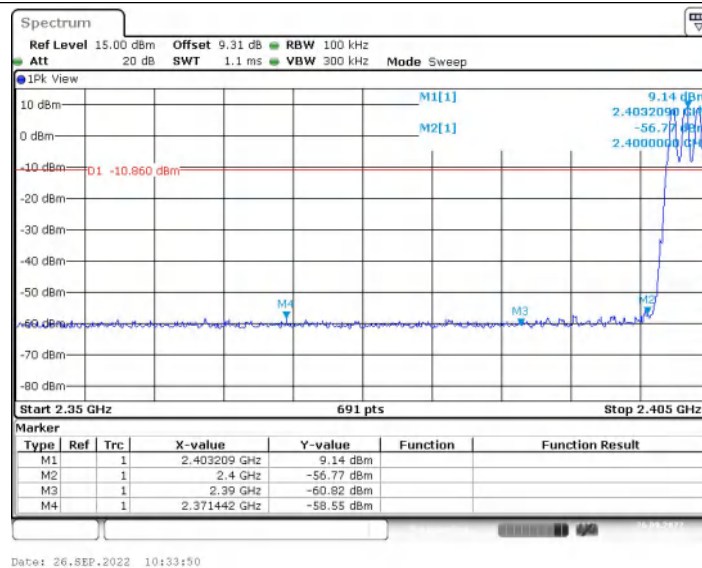
DH5_Ant1_Low_2402



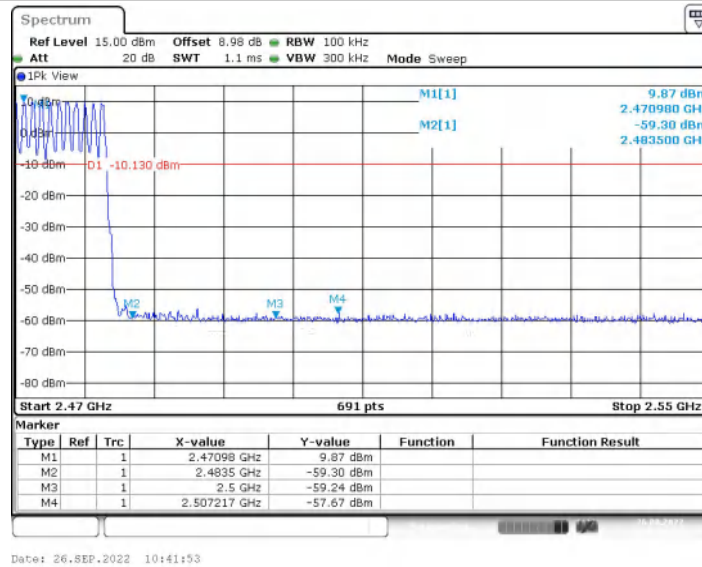
DH5_Ant1_High_2480



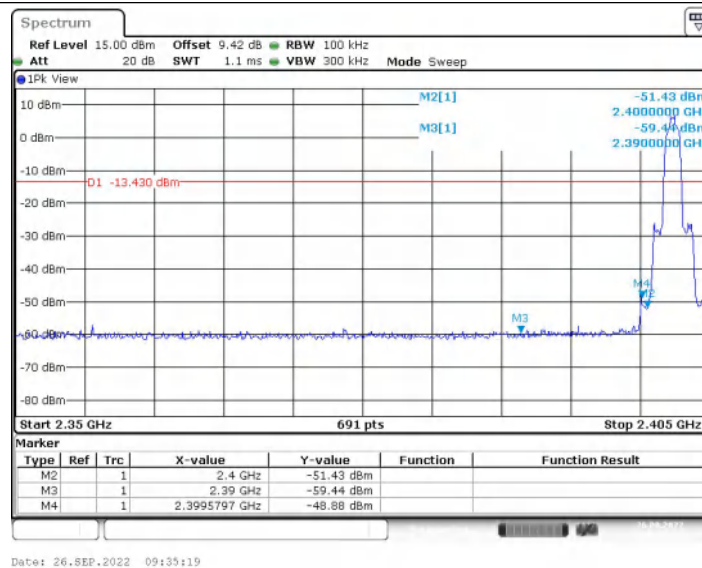
DH5_Ant1_Low_Hop_2402



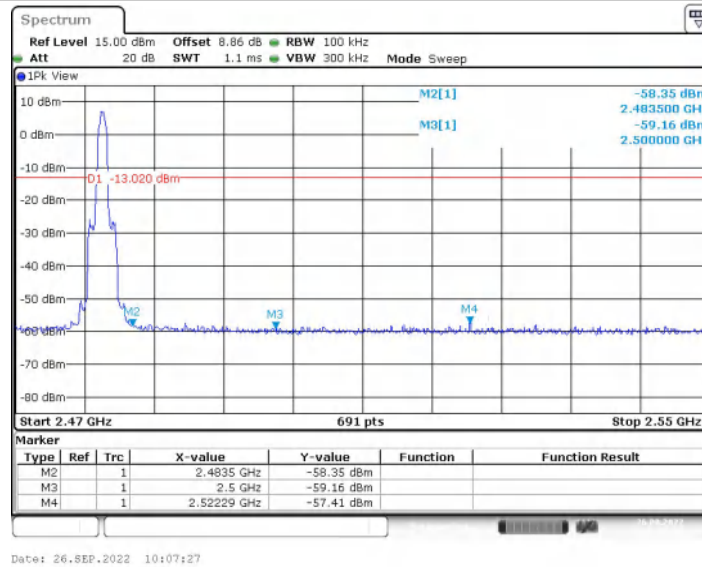
DH5_Ant1_High_Hop_2480



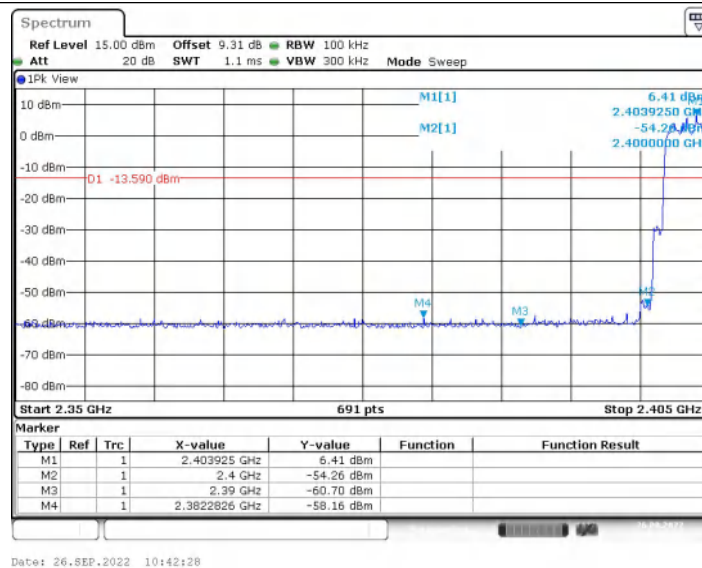
2DH5_Ant1_Low_2402



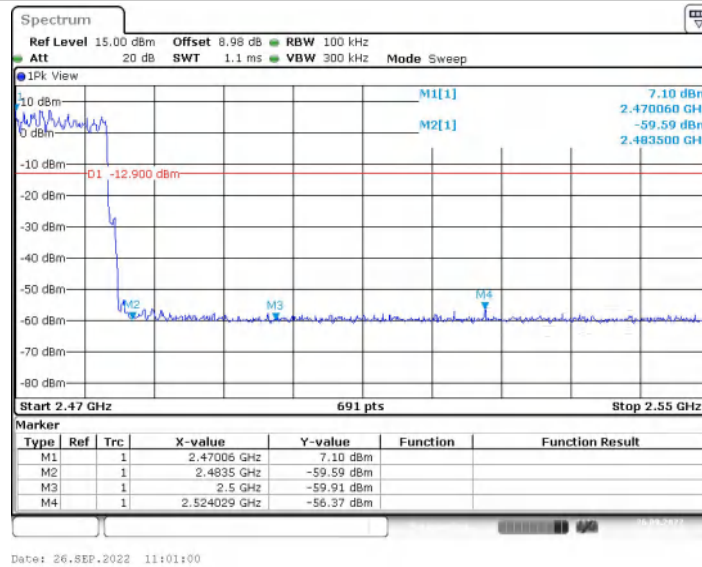
2DH5_Ant1_High_2480



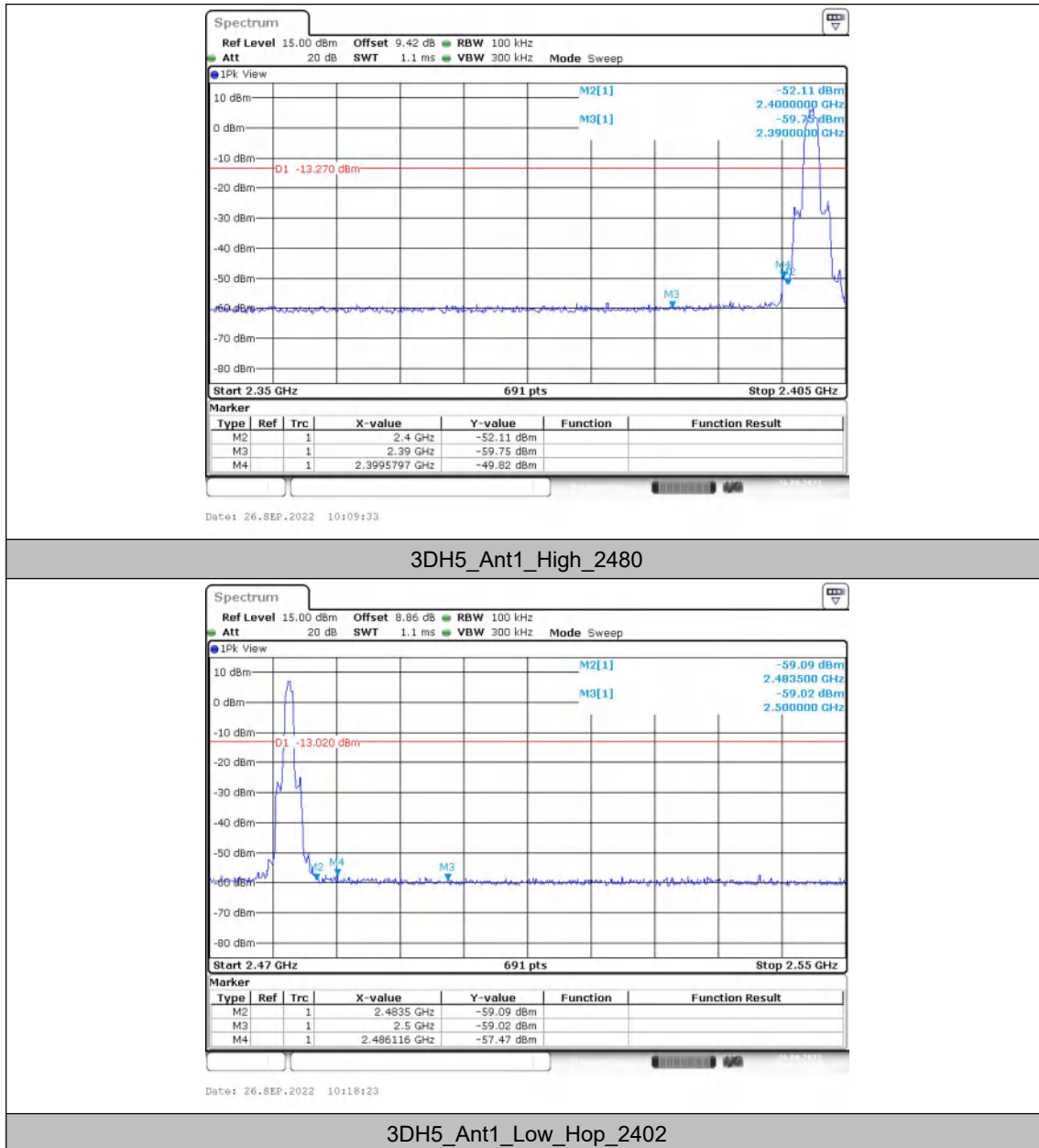
2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

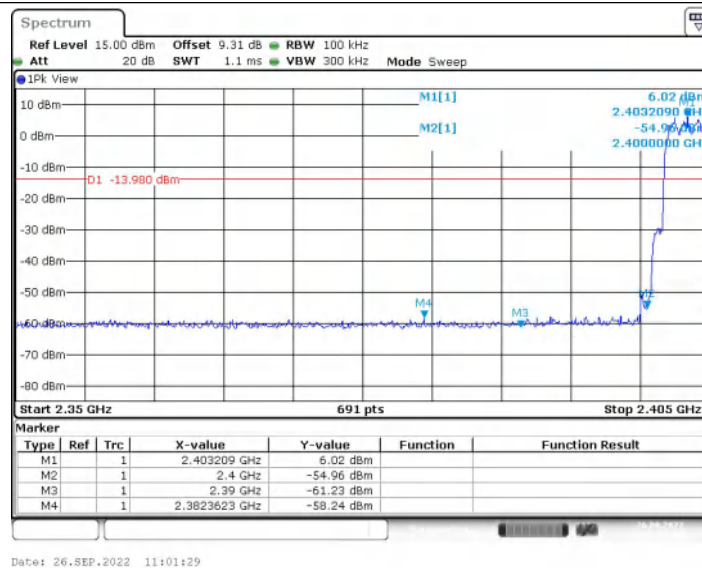




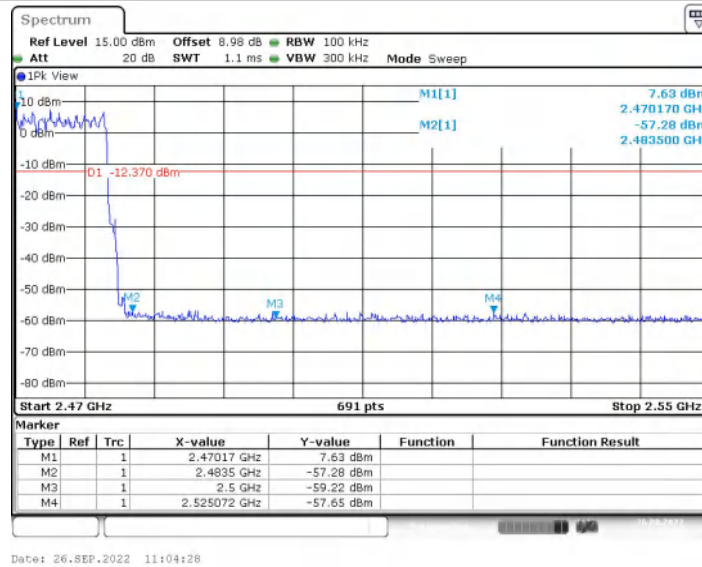
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3DH5_Ant1_High_Hop_2480





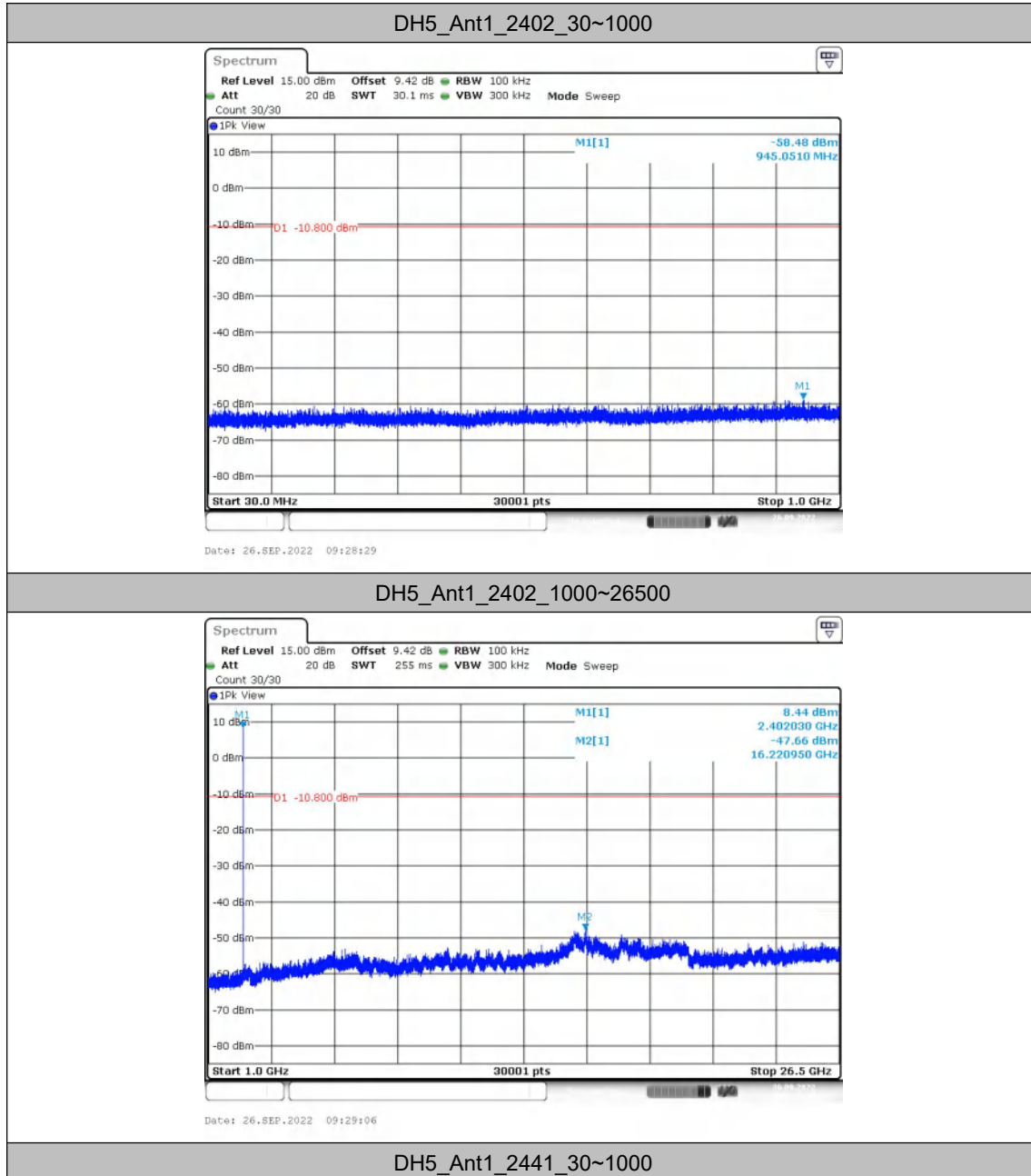
Appendix H: Conducted Spurious Emission

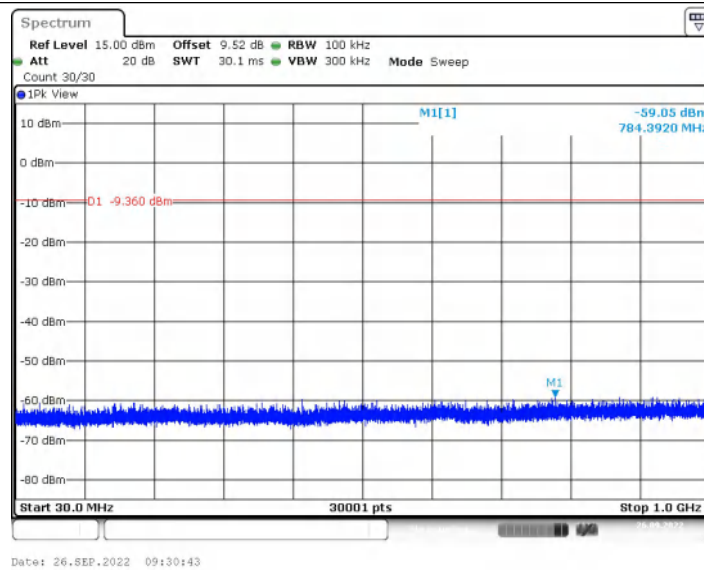
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	9.20	-58.48	≤-10.8	PASS
			1000~26500	9.20	-47.66	≤-10.8	PASS
		2441	30~1000	10.64	-59.05	≤-9.36	PASS
			1000~26500	10.64	-46.93	≤-9.36	PASS
		2480	30~1000	9.49	-59.67	≤-10.51	PASS
			1000~26500	9.49	-47.58	≤-10.51	PASS
2DH5	Ant1	2402	30~1000	6.57	-59.34	≤-13.43	PASS
			1000~26500	6.57	-48.28	≤-13.43	PASS
		2441	30~1000	8.10	-58.71	≤-11.9	PASS
			1000~26500	8.10	-47.8	≤-11.9	PASS
		2480	30~1000	6.98	-59.41	≤-13.02	PASS
			1000~26500	6.98	-48.66	≤-13.02	PASS
3DH5	Ant1	2402	30~1000	6.73	-59.22	≤-13.27	PASS
			1000~26500	6.73	-48.41	≤-13.27	PASS
		2441	30~1000	8.19	-58.83	≤-11.81	PASS
			1000~26500	8.19	-47.48	≤-11.81	PASS
		2480	30~1000	6.98	-59.26	≤-13.02	PASS
			1000~26500	6.98	-48.03	≤-13.02	PASS

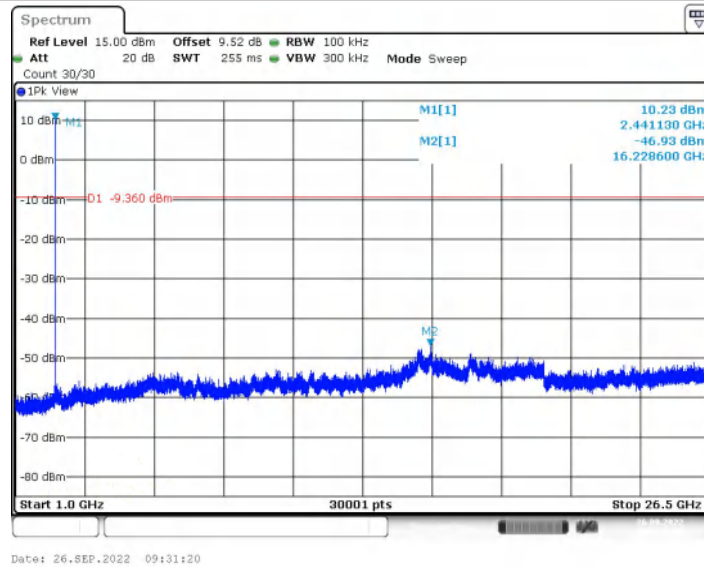


Test Graphs

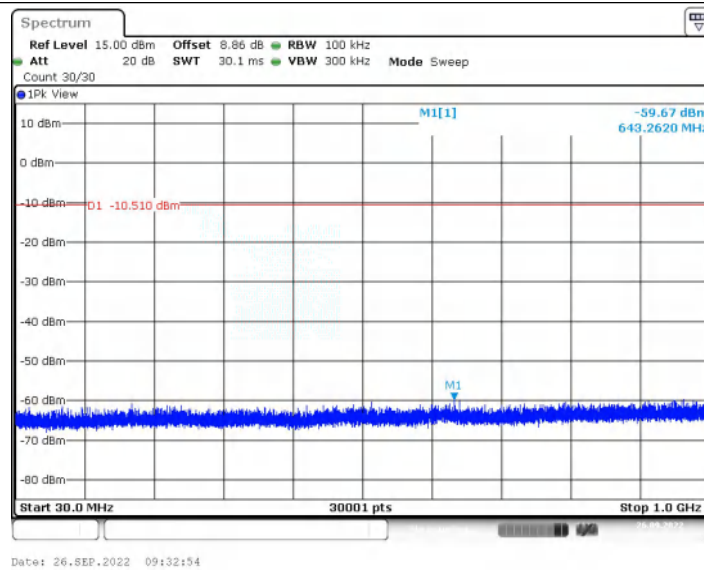




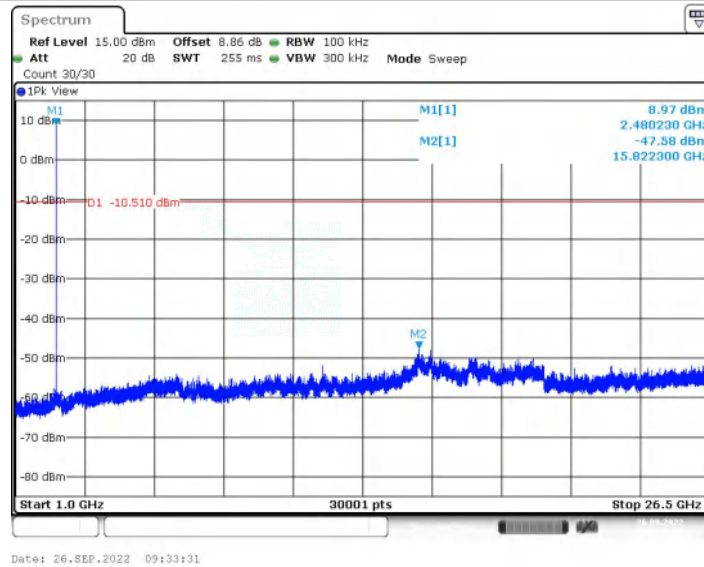
DH5_Ant1_2441_1000~26500



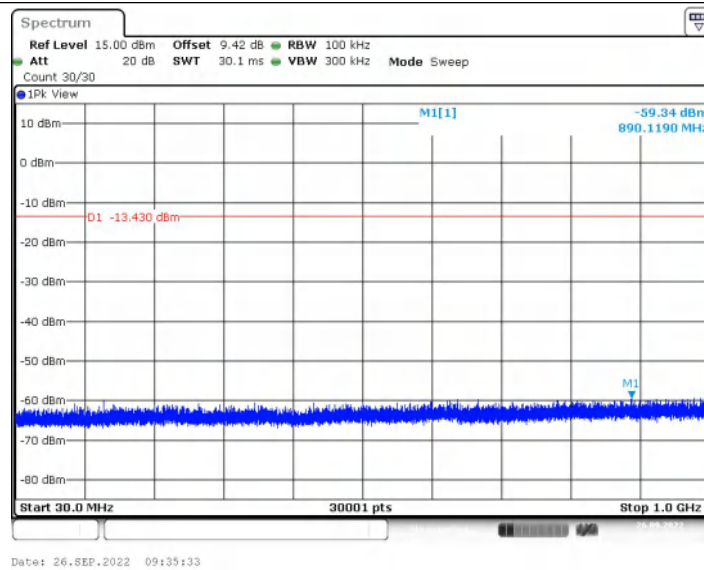
DH5_Ant1_2480_30~1000



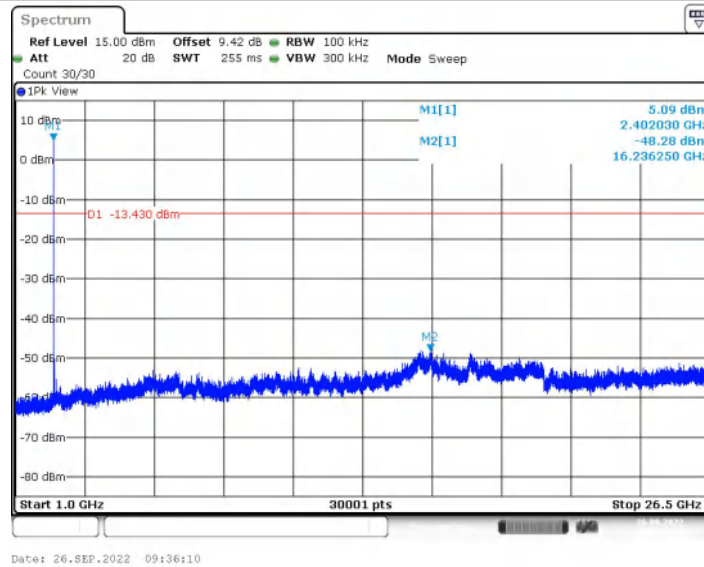
DH5_Ant1_2480_1000~26500



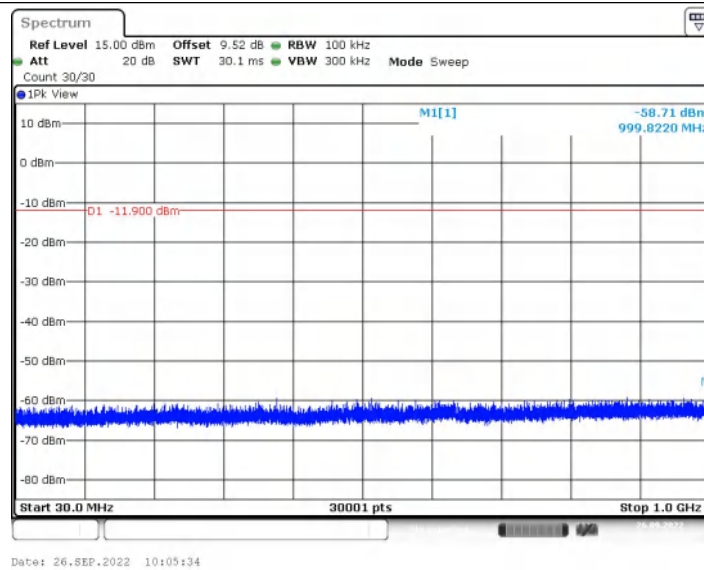
2DH5_Ant1_2402_30~1000



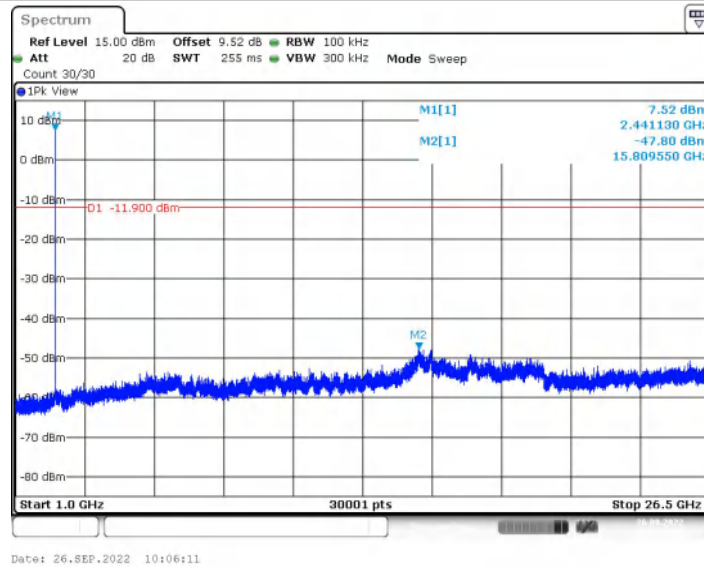
2DH5_Ant1_2402_1000~26500



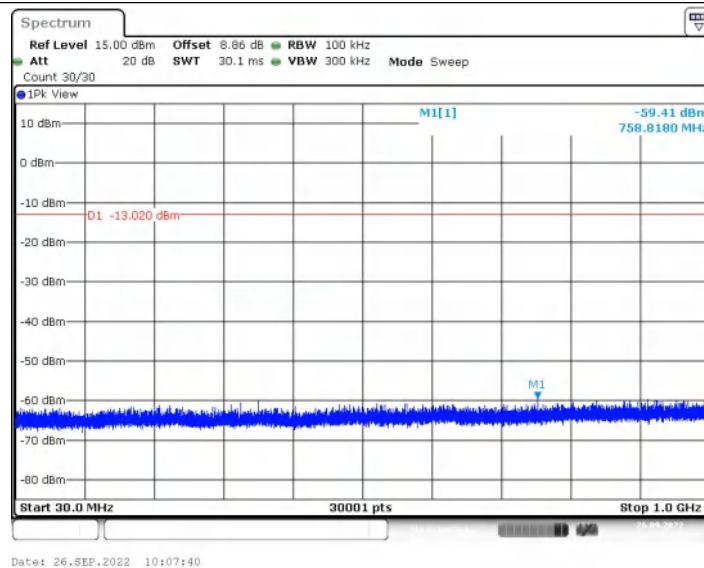
2DH5_Ant1_2441_30~1000



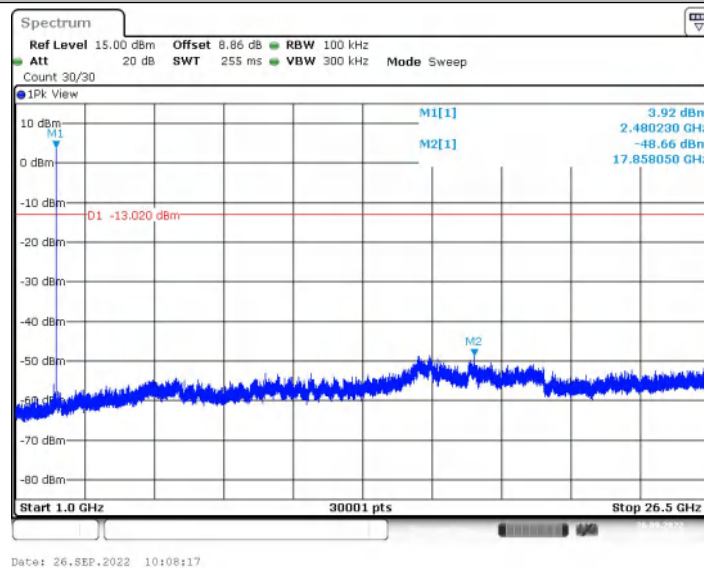
2DH5_Ant1_2441_1000~26500



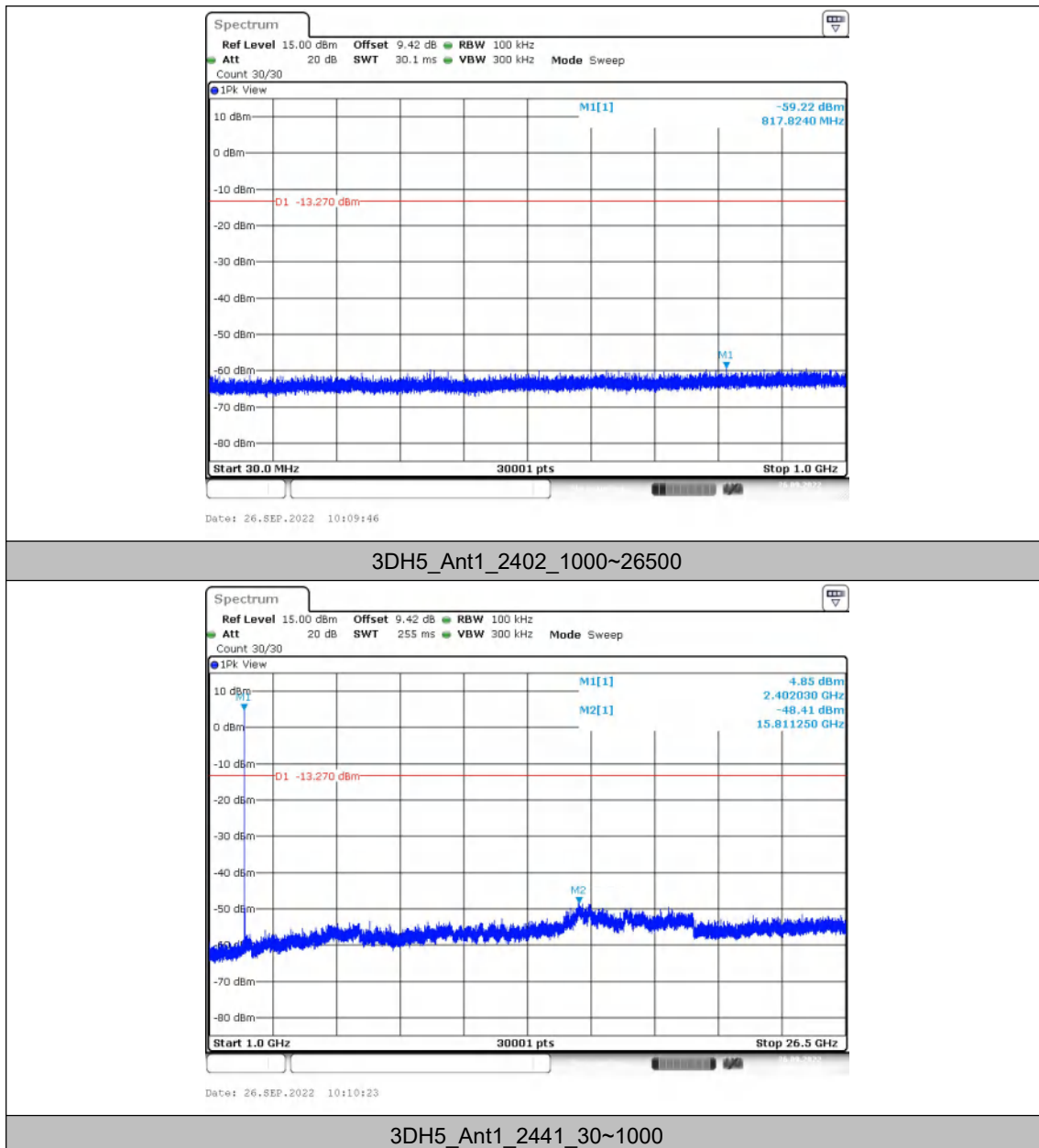
2DH5_Ant1_2480_30~1000

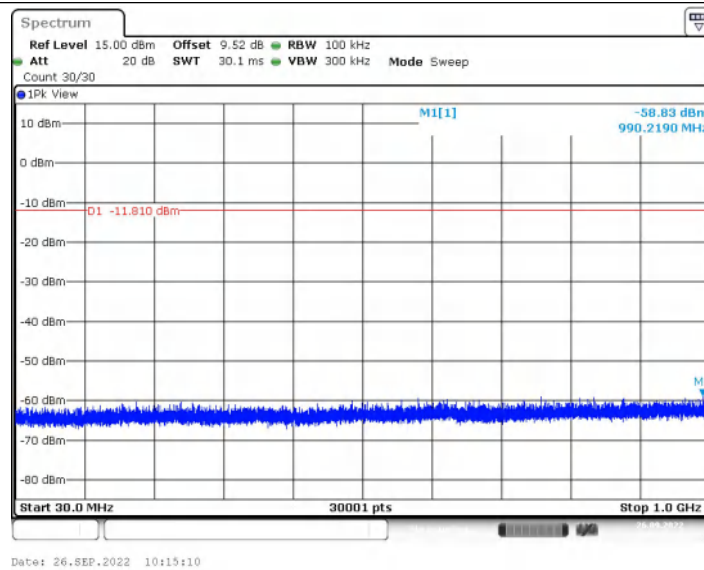


2DH5_Ant1_2480_1000~26500

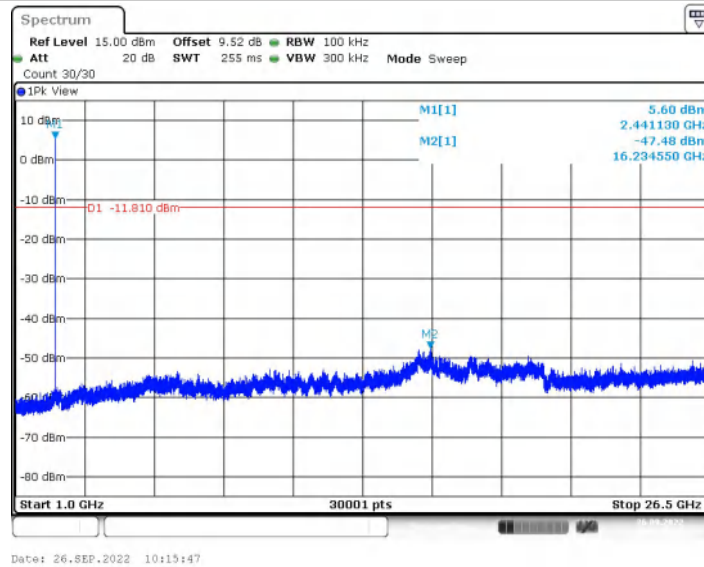


3DH5_Ant1_2402_30~1000

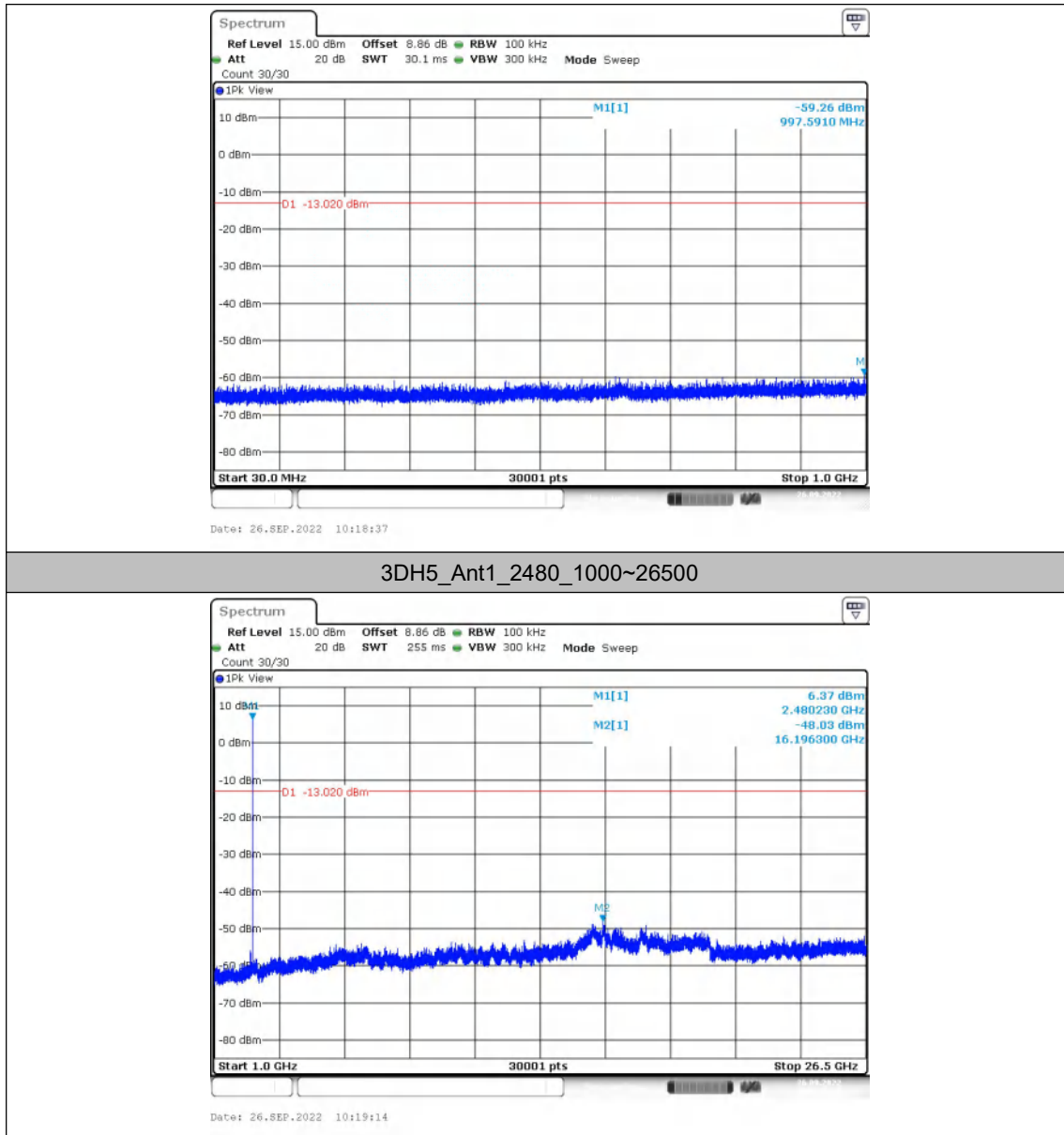




3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_30~1000





Appendix I: Duty Cycle

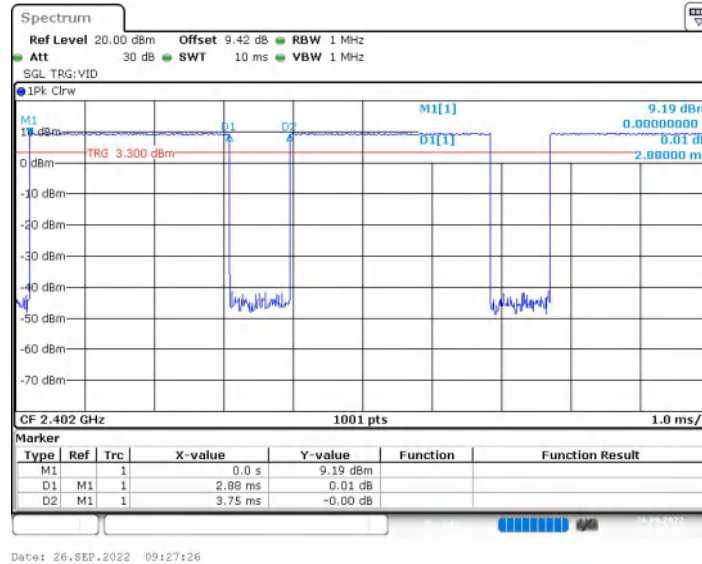
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
		2441	2.88	3.75	76.80	1.15
		2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.76	76.86	1.14
		2441	2.89	3.75	77.07	1.13
		2480	2.89	3.76	76.86	1.14
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
		2441	2.89	3.75	77.07	1.13
		2480	2.90	3.76	77.13	1.13

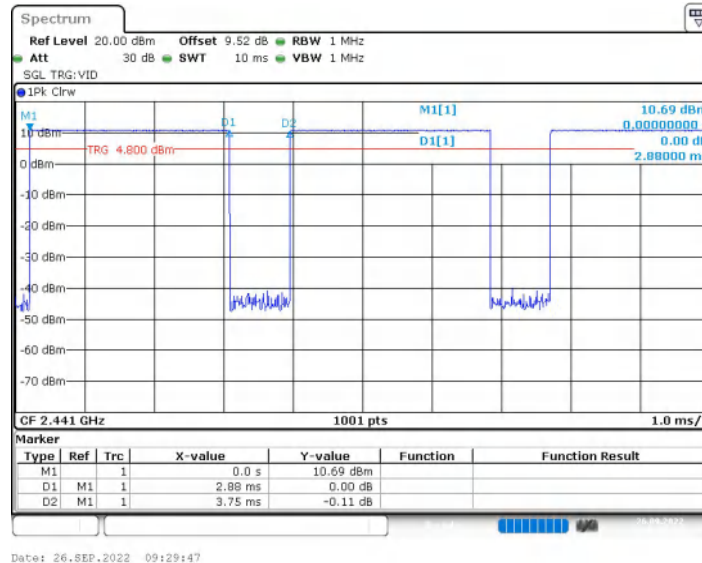


Test Graphs

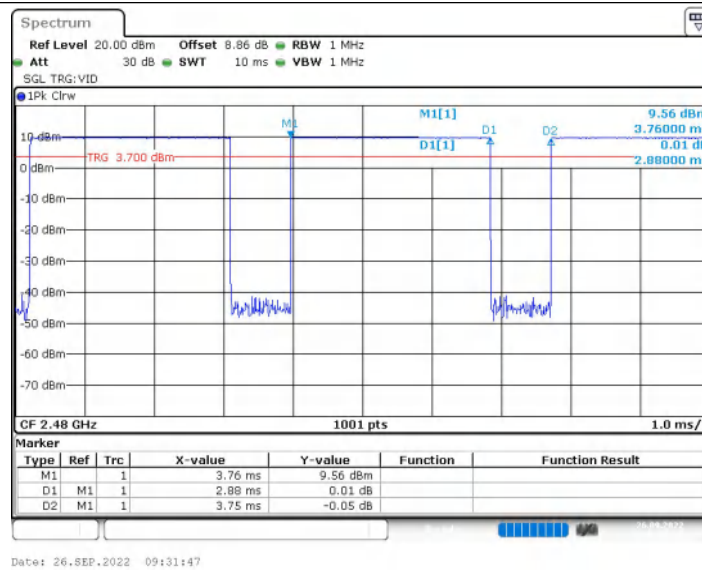
DH5_Ant1_2402



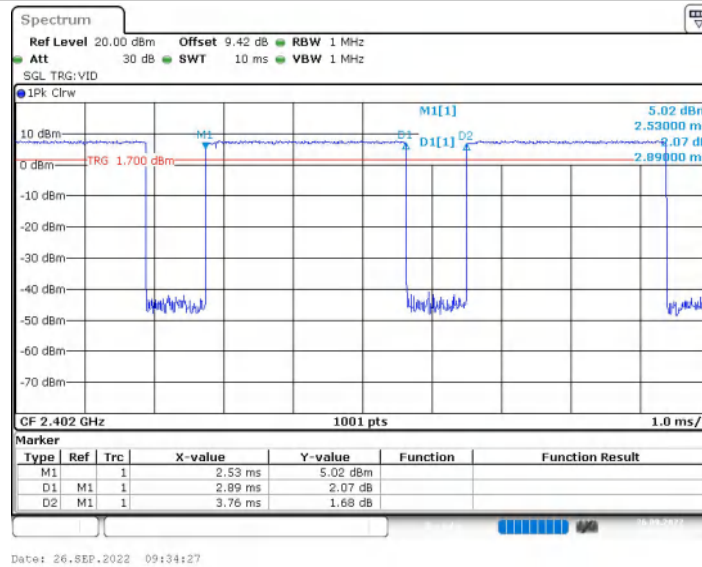
DH5_Ant1_2441



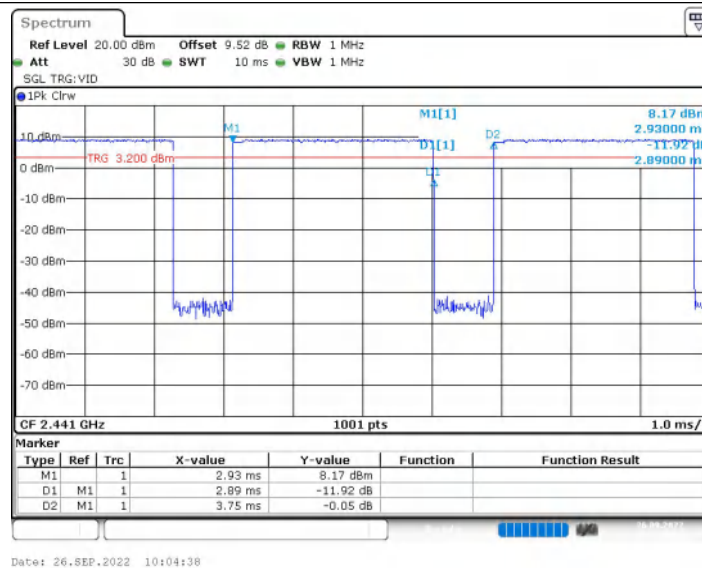
DH5_Ant1_2480



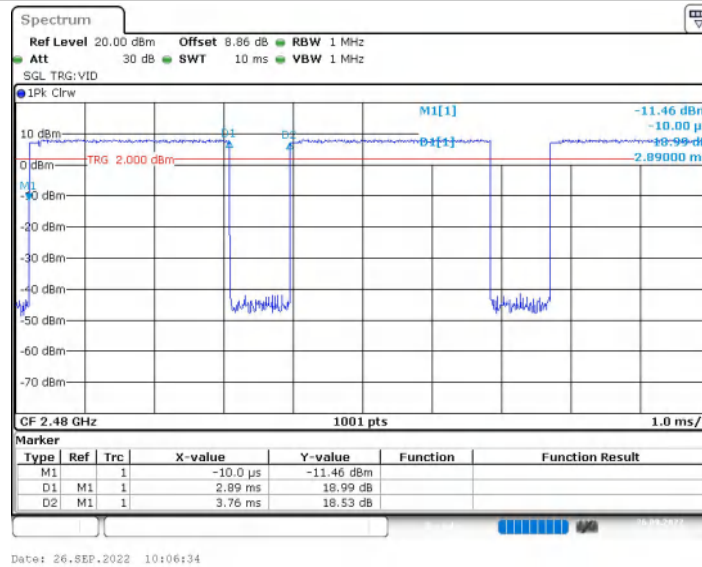
2DH5_Ant1_2402



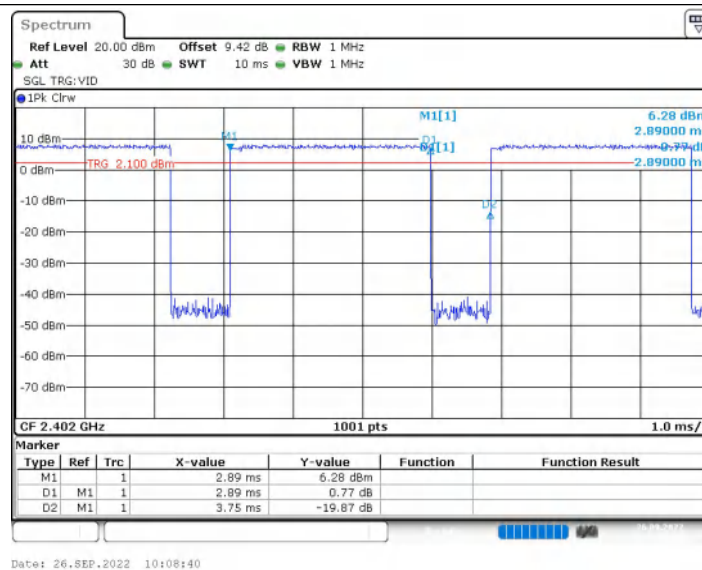
2DH5_Ant1_2441



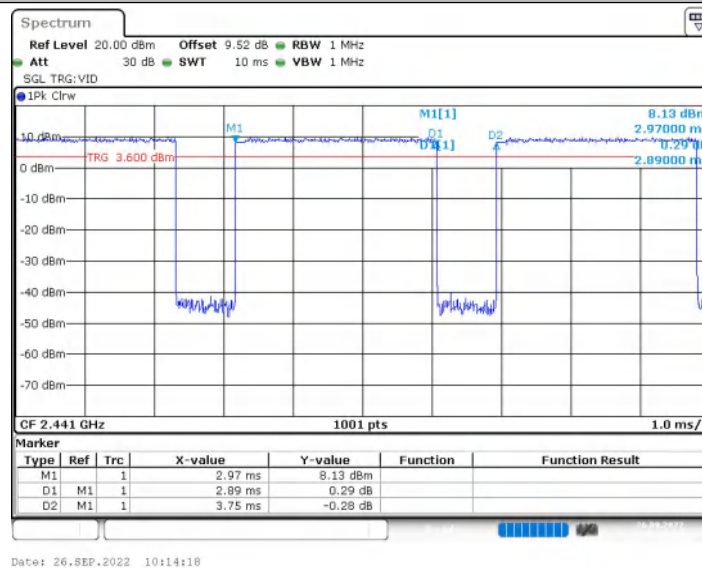
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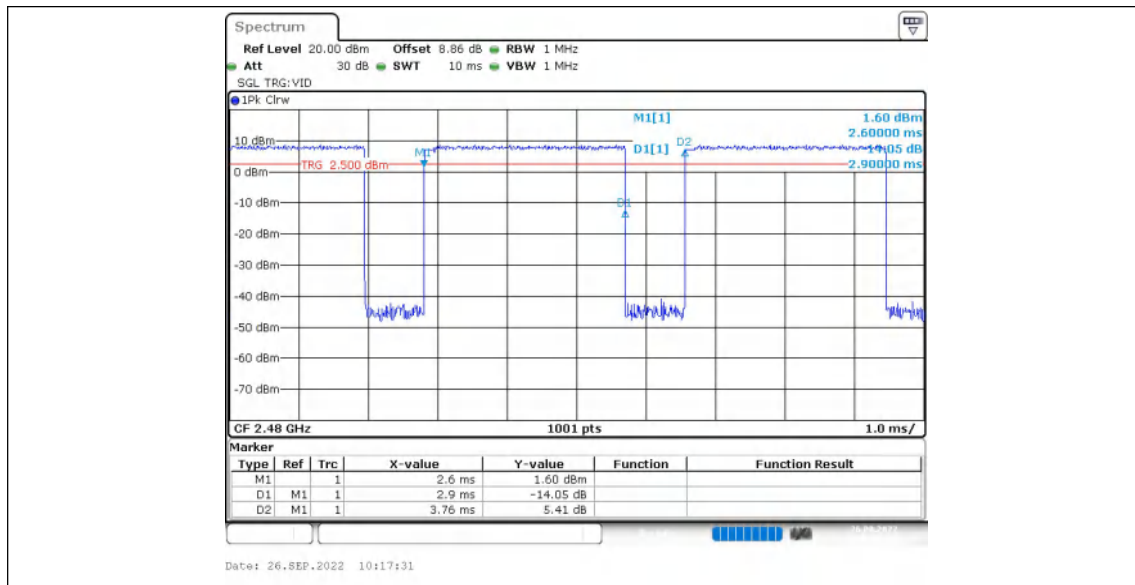
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





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