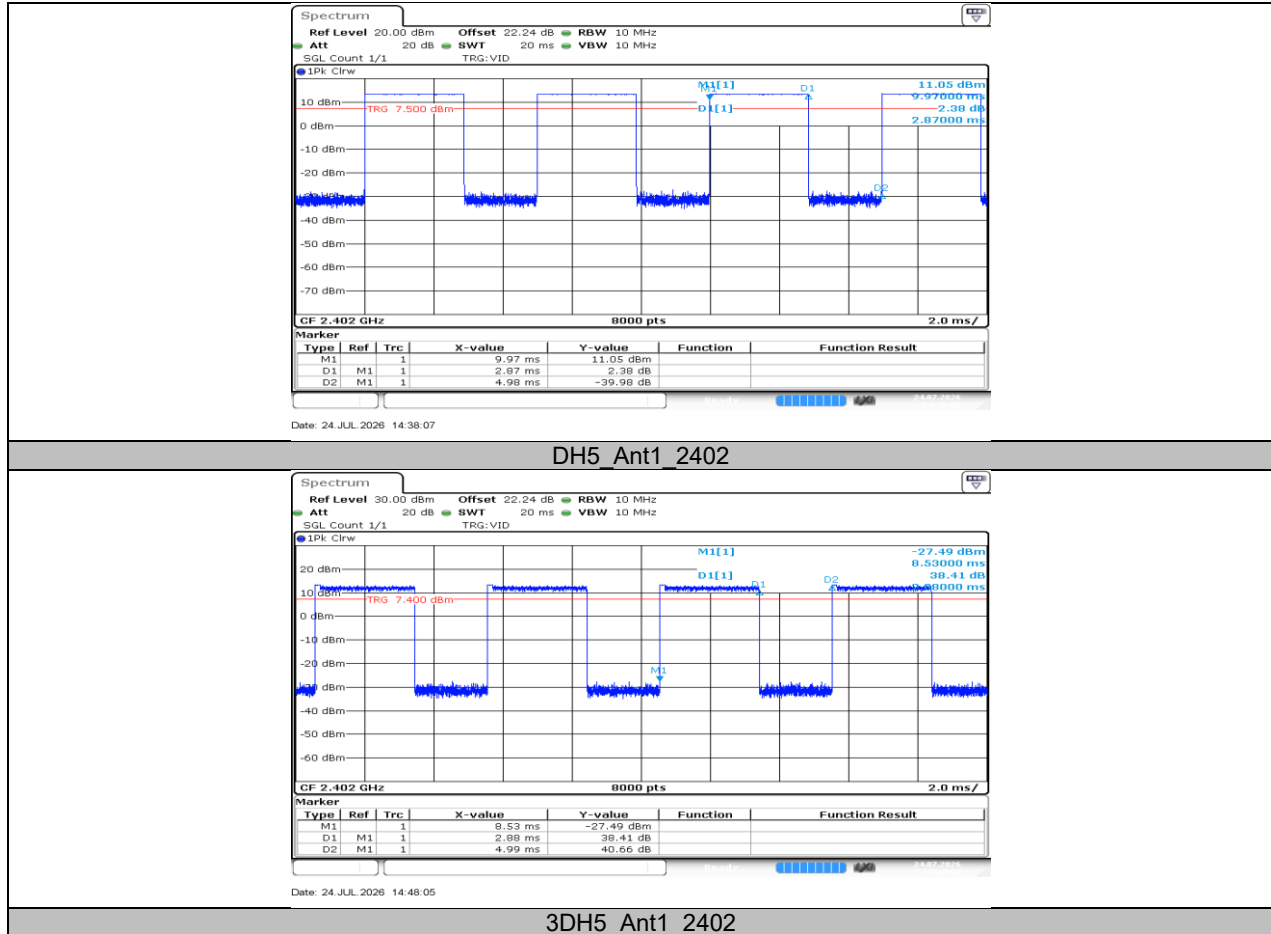


11.9.2. Test Graphs



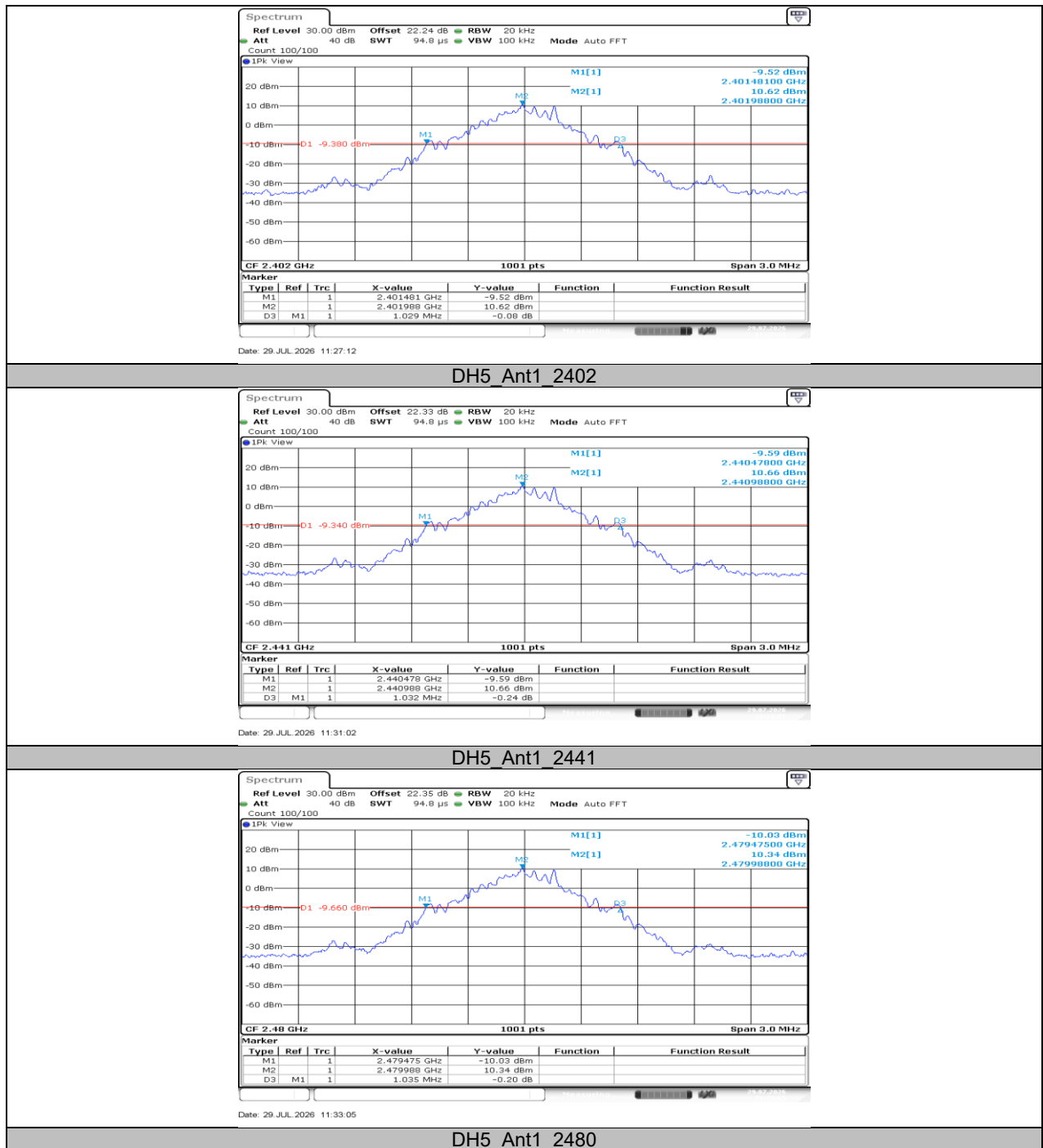
12. TEST DATA-RIGHT

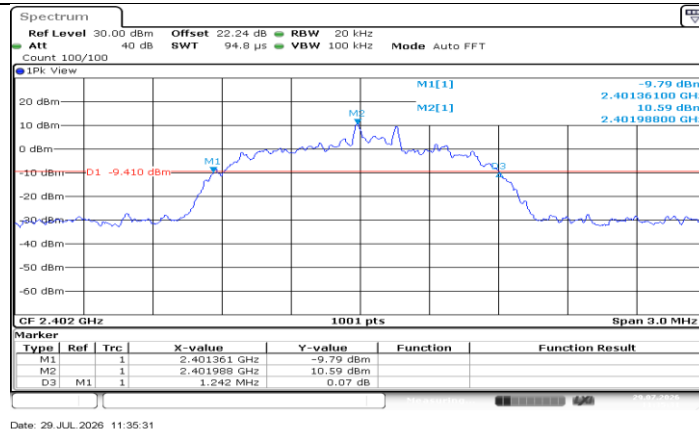
12.1. APPENDIX A2: 20DB EMISSION BANDWIDTH

12.1.1. Test Result

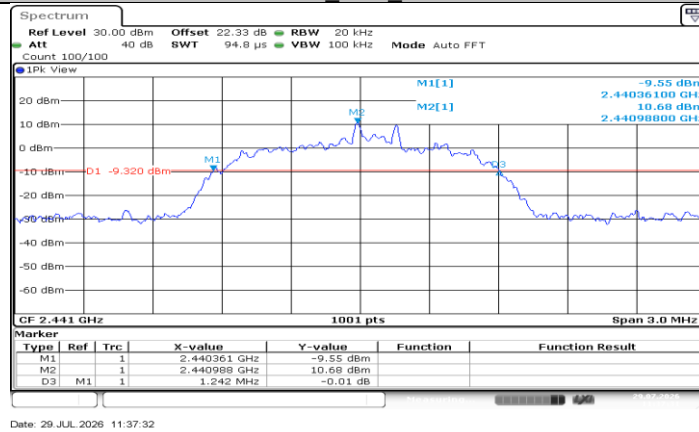
Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	1.03	2401.48	2402.51	PASS
		2441	1.03	2440.48	2441.51	PASS
		2480	1.03	2479.48	2480.51	PASS
3DH5	Ant1	2402	1.24	2401.36	2402.60	PASS
		2441	1.24	2440.36	2441.60	PASS
		2480	1.25	2479.36	2480.60	PASS

12.1.2. Test Graphs

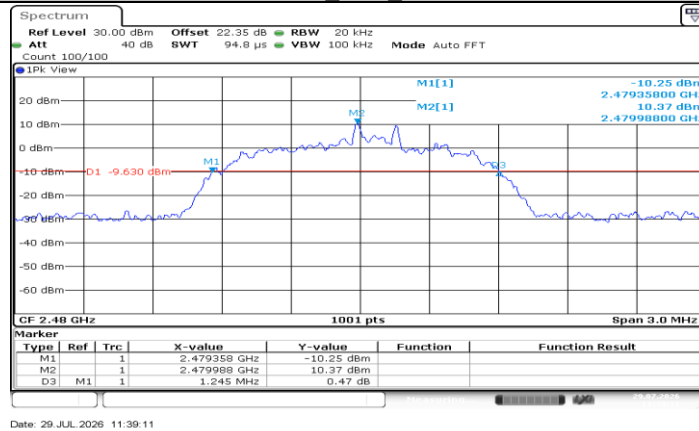




3DH5 Ant1 2402



3DH5 Ant1 2441



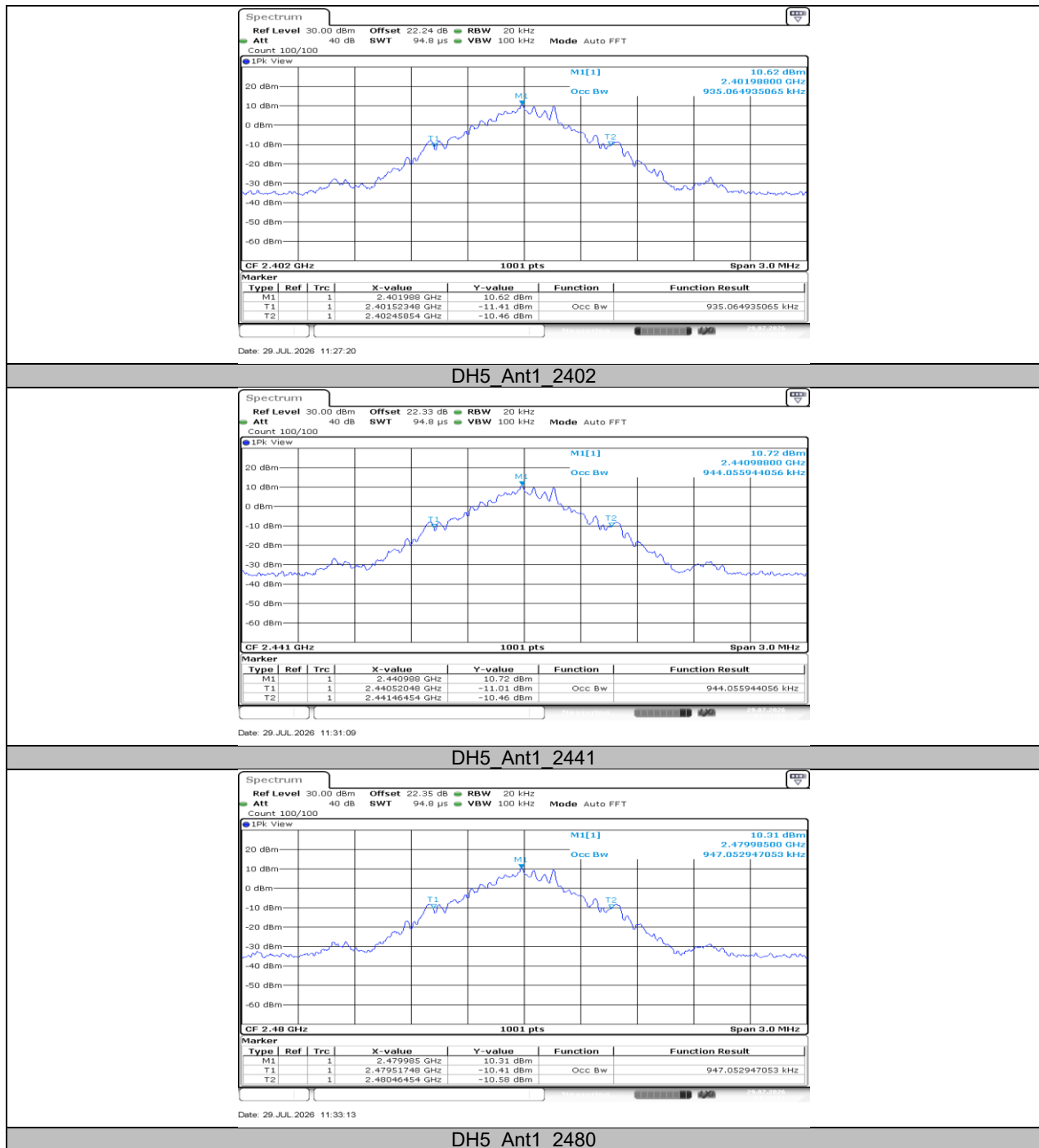
3DH5 Ant1 2480

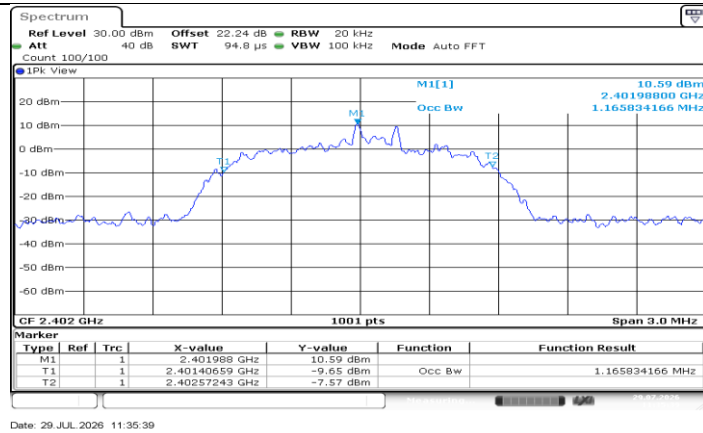
12.2. APPENDIX B2: OCCUPIED CHANNEL BANDWIDTH

12.2.1. Test Result

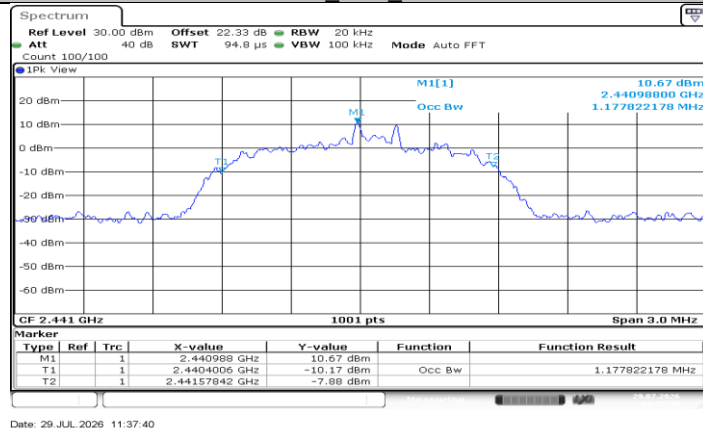
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	0.93506	2401.5235	2402.4585	PASS
		2441	0.94406	2440.5205	2441.4645	PASS
		2480	0.94705	2479.5175	2480.4645	PASS
3DH5	Ant1	2402	1.1658	2401.4066	2402.5724	PASS
		2441	1.1778	2440.4006	2441.5784	PASS
		2480	1.1808	2479.3976	2480.5784	PASS

12.2.2. Test Graphs

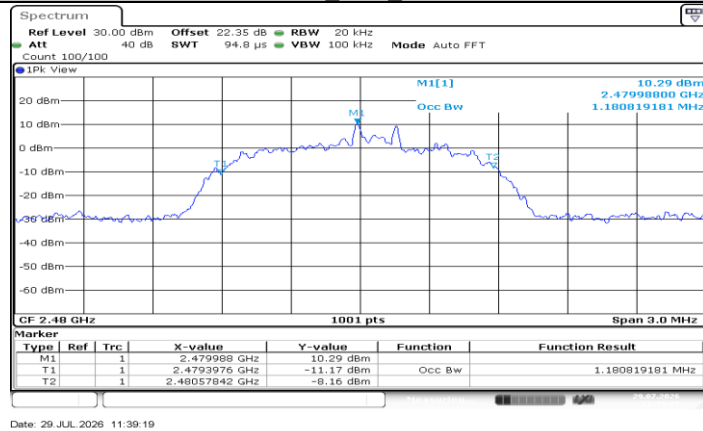




3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480

12.3. APPENDIX C2: MAXIMUM CONDUCTED OUTPUT POWER

12.3.1. Test Result

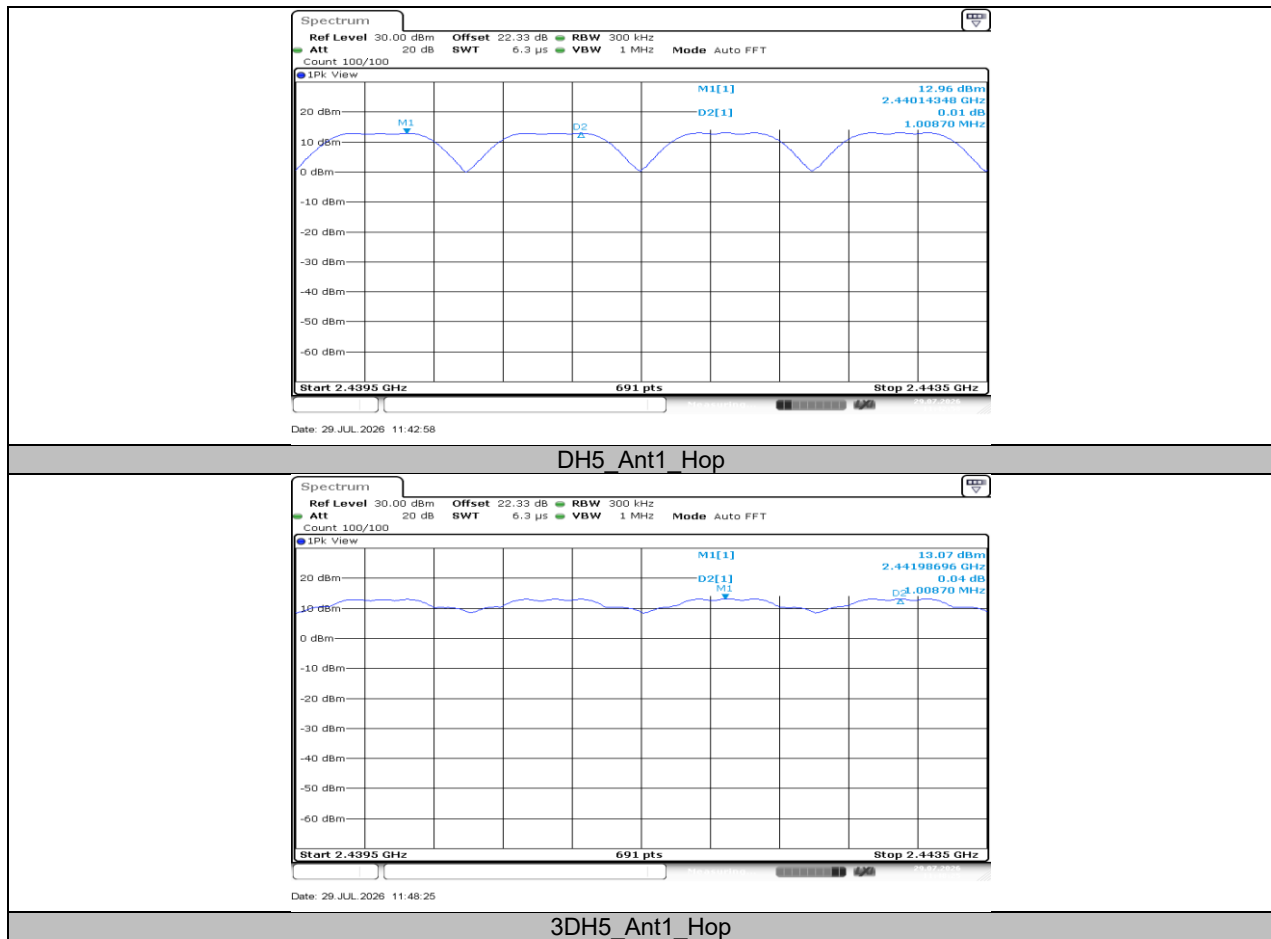
Test Mode	Antenna	Frequency[MHz]	Peak Output Power Result[dBm]	AVG Output Power Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	13.41	12.95	≤21	PASS
		2441	13.44	12.97	≤21	PASS
		2480	13.14	12.65	≤21	PASS
3DH5	Ant1	2402	13.39	10.86	≤21	PASS
		2441	13.40	10.88	≤21	PASS
		2480	13.12	10.55	≤21	PASS

12.4. APPENDIX D2: CARRIER FREQUENCY SEPARATION

12.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.009	≥ 0.687	PASS
3DH5	Ant1	Hop	1.009	≥ 0.833	PASS

12.4.2. Test Graphs



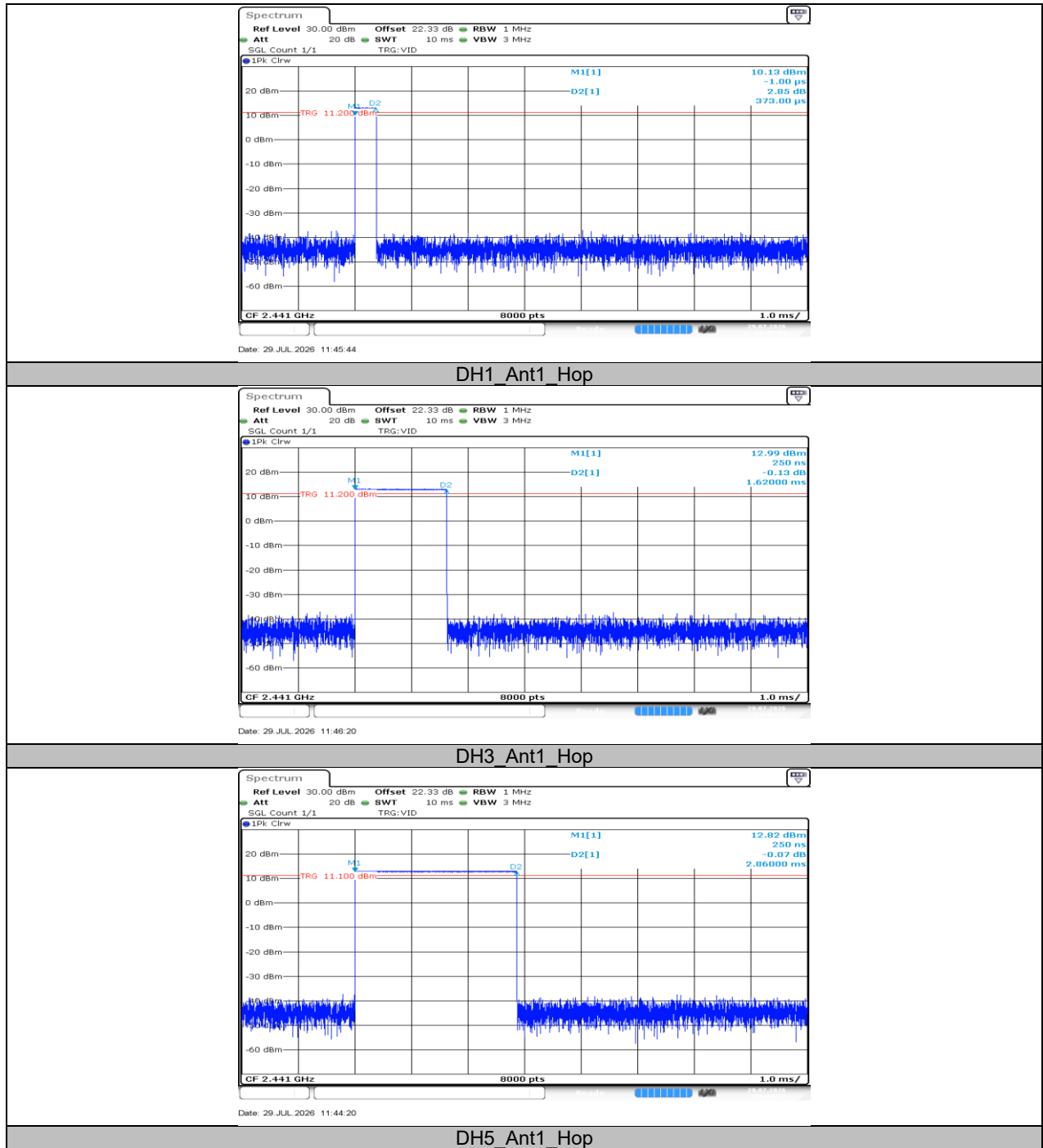
12.5. APPENDIX E2: TIME OF OCCUPANCY

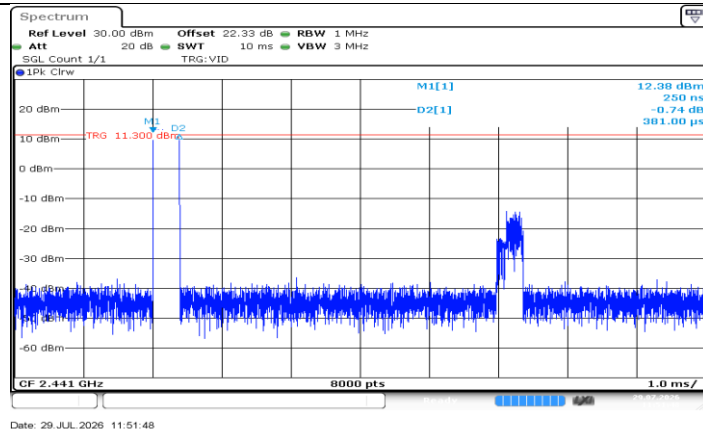
12.5.1. Test Result

FHSS Mode						
Test Mode	Antenna	Channel	BurstWidth [ms]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.373	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.62	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.86	0.305	≤0.4	PASS
3DH1	Ant1	Hop	0.381	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.624	0.260	≤0.4	PASS
3DH5	Ant1	Hop	2.868	0.306	≤0.4	PASS

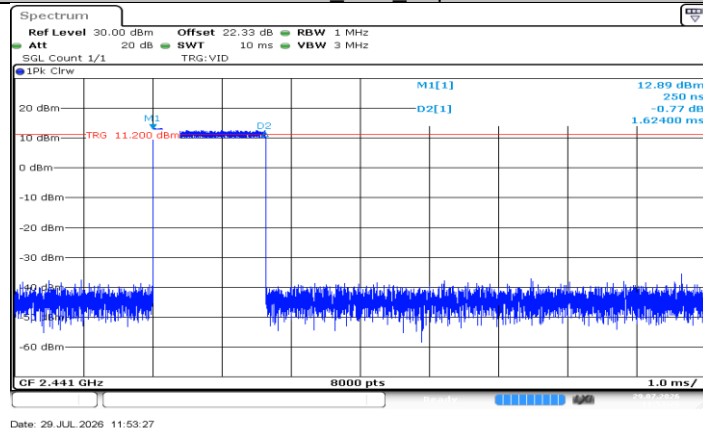
AFHSS Mode						
Test Mode	Antenna	Channel	BurstWidth [ms]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.373	0.060	≤0.4	PASS
DH3	Ant1	Hop	1.62	0.130	≤0.4	PASS
DH5	Ant1	Hop	2.86	0.153	≤0.4	PASS
3DH1	Ant1	Hop	0.381	0.061	≤0.4	PASS
3DH3	Ant1	Hop	1.624	0.130	≤0.4	PASS
3DH5	Ant1	Hop	2.868	0.153	≤0.4	PASS

12.5.2. Test Graphs

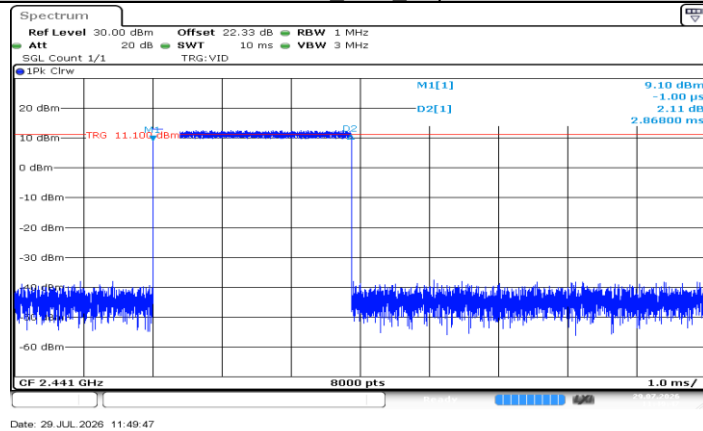




3DH1_Ant1_Hop



3DH3_Ant1_Hop



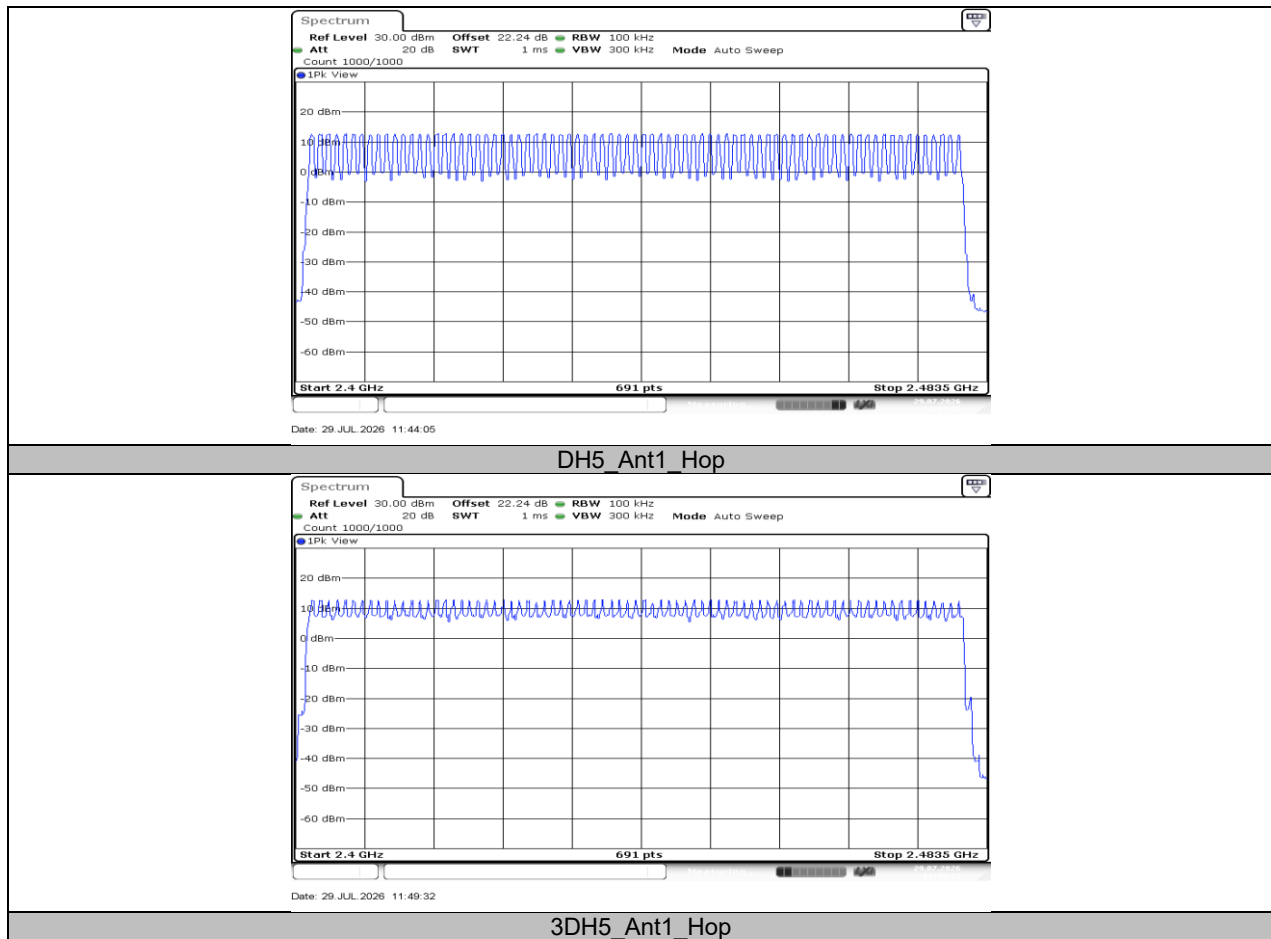
3DH5_Ant1_Hop

12.6. APPENDIX F2: NUMBER OF HOPPING CHANNELS

12.6.1. Test Result

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

12.6.2. Test Graphs

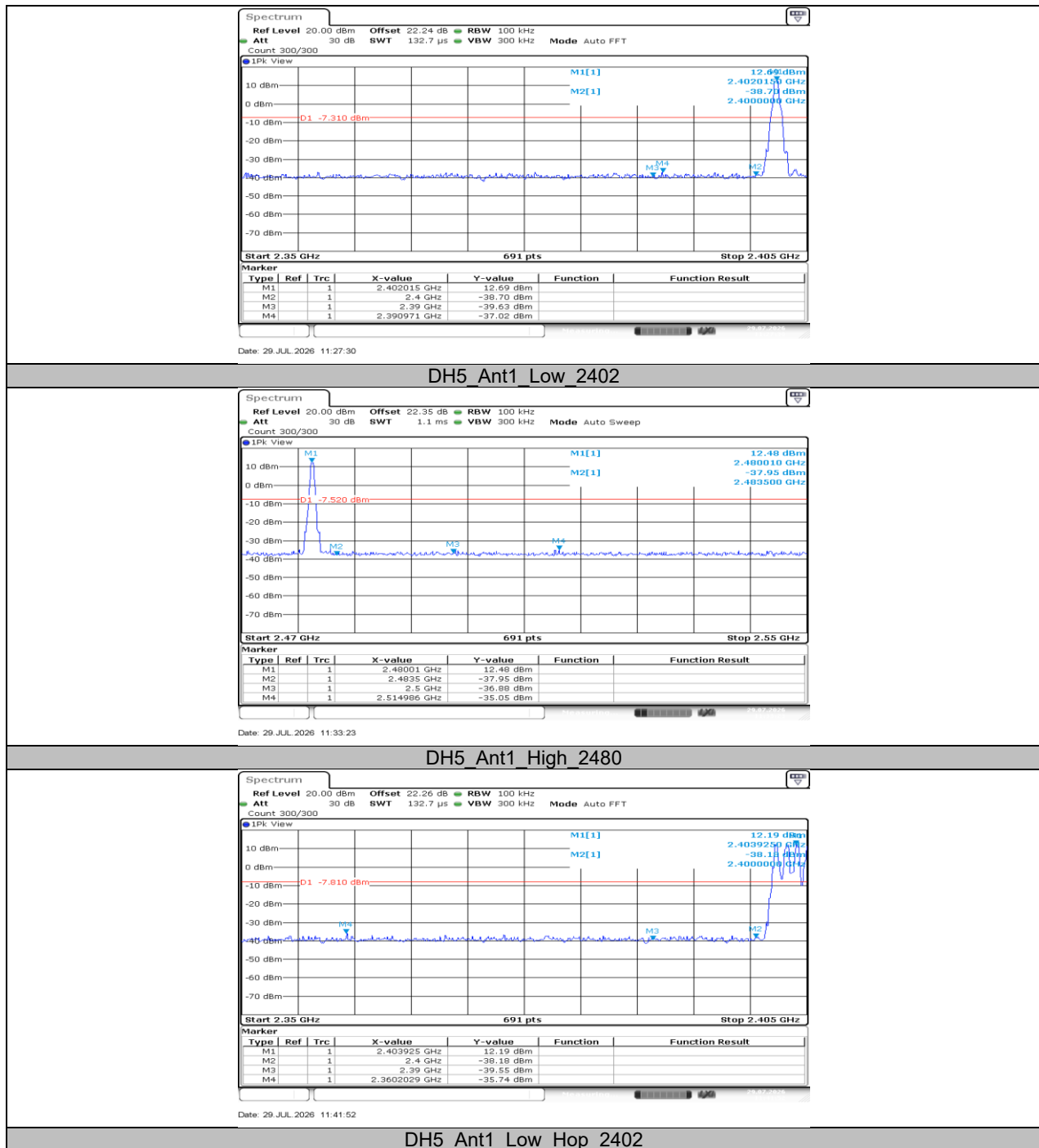


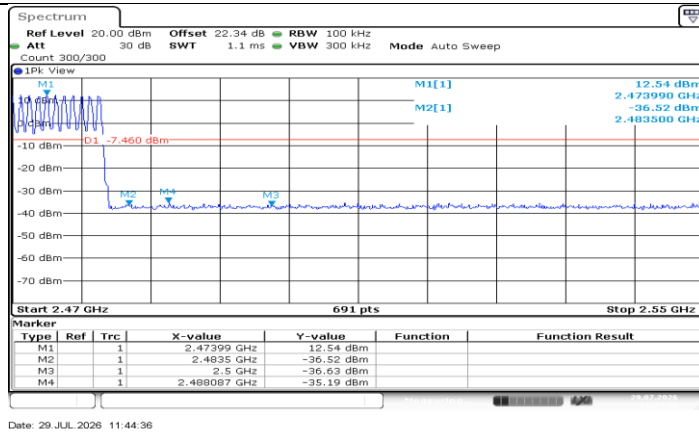
12.7. APPENDIX G2: BAND EDGE MEASUREMENTS

12.7.1. Test Result

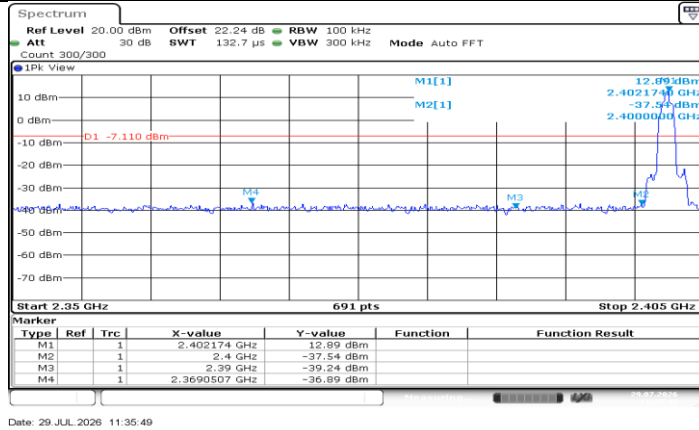
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	12.69	-37.02	≤ -7.31	PASS
		High	2480	12.48	-35.05	≤ -7.52	PASS
		Low Hop	2402	12.19	-35.74	≤ -7.81	PASS
		High Hop	2480	12.54	-35.19	≤ -7.46	PASS
3DH5	Ant1	Low	2402	12.89	-36.89	≤ -7.11	PASS
		High	2480	12.59	-34.07	≤ -7.41	PASS
		Low Hop	2402	8.63	-36.73	≤ -11.37	PASS
		High Hop	2480	12.58	-34.96	≤ -7.42	PASS

12.7.2. Test Graphs

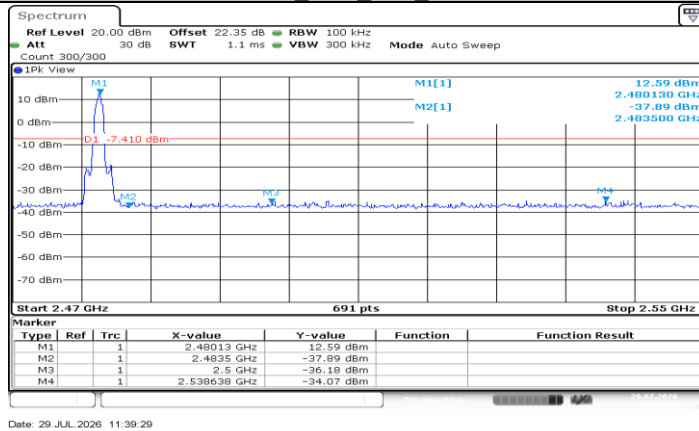




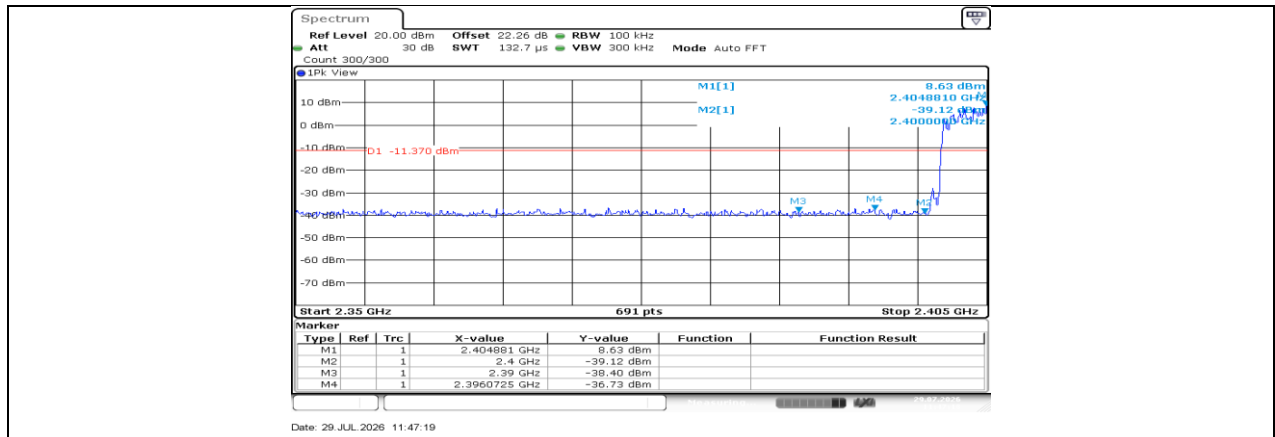
DH5 Ant1 High Hop 2480



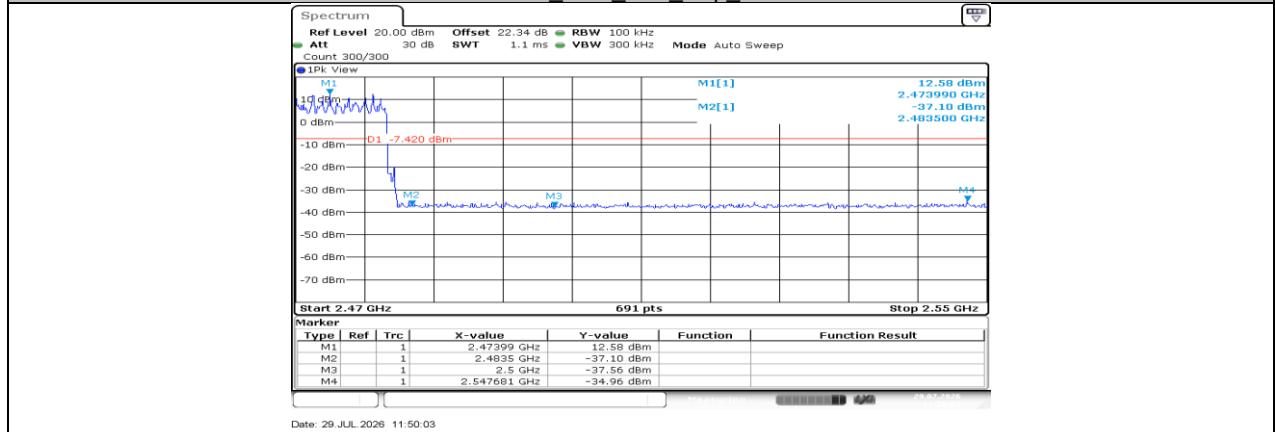
3DH5 Ant1 Low 2402



3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402



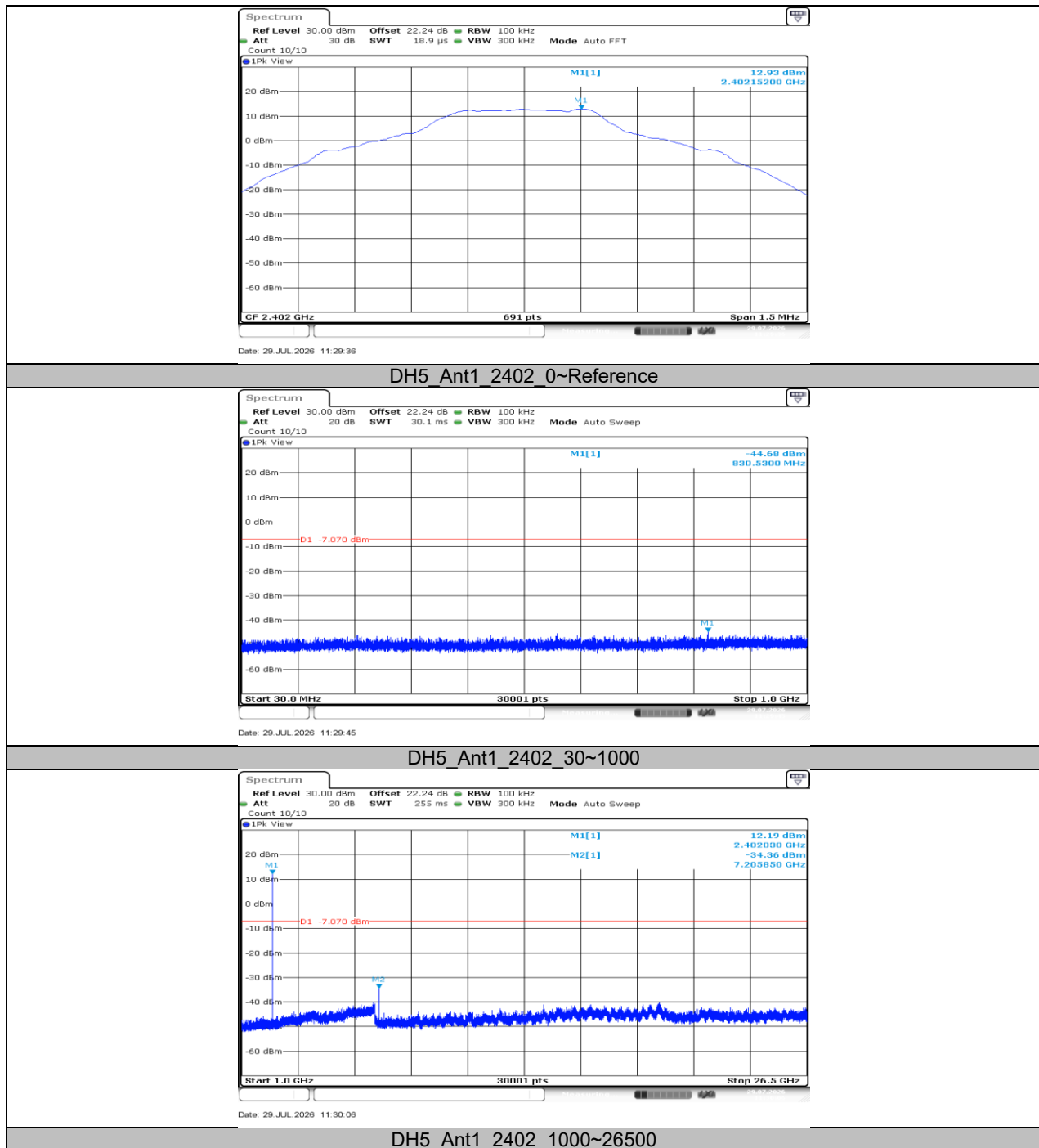
3DH5 Ant1 High Hop 2480

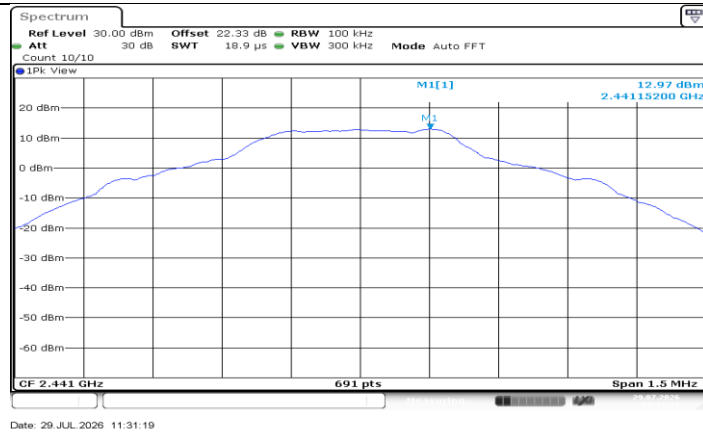
12.8. APPENDIX H2: CONDUCTED SPURIOUS EMISSION

12.8.1. Test Result

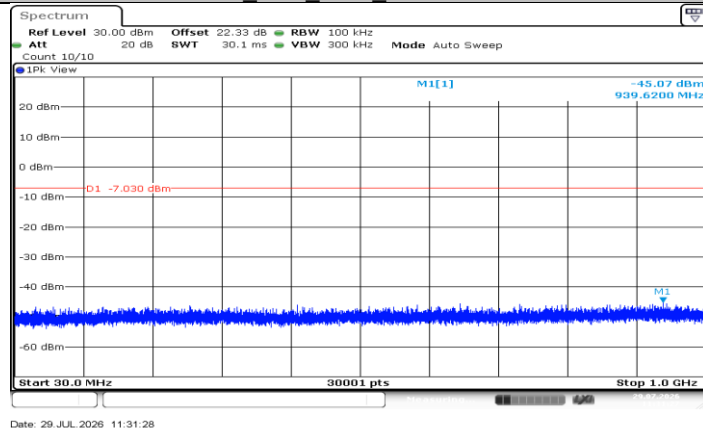
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	12.93	---	PASS
			30~1000	-44.68	≤ -7.07	PASS
			1000~26500	-34.36	≤ -7.07	PASS
		2441	Reference	12.97	---	PASS
			30~1000	-45.07	≤ -7.03	PASS
			1000~26500	-37.96	≤ -7.03	PASS
		2480	Reference	12.65	---	PASS
			30~1000	-45.26	≤ -7.35	PASS
			1000~26500	-38.06	≤ -7.35	PASS
3DH5	Ant1	2402	Reference	12.87	---	PASS
			30~1000	-44.72	≤ -7.13	PASS
			1000~26500	-31.55	≤ -7.13	PASS
		2441	Reference	12.96	---	PASS
			30~1000	-45.07	≤ -7.04	PASS
			1000~26500	-39.26	≤ -7.04	PASS
		2480	Reference	12.66	---	PASS
			30~1000	-45.19	≤ -7.34	PASS
			1000~26500	-38.79	≤ -7.34	PASS

12.8.2. Test Graphs

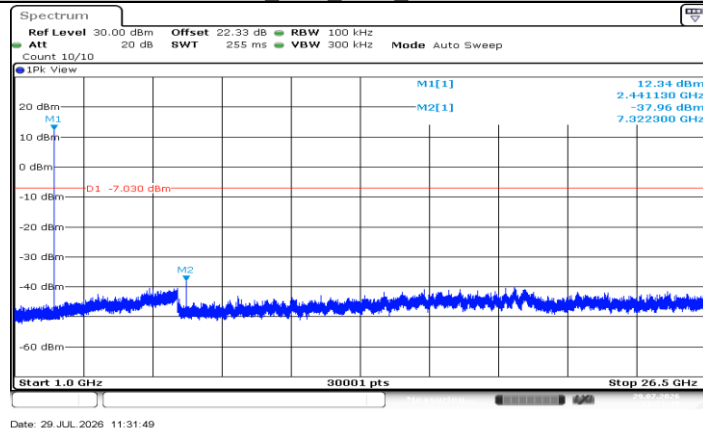




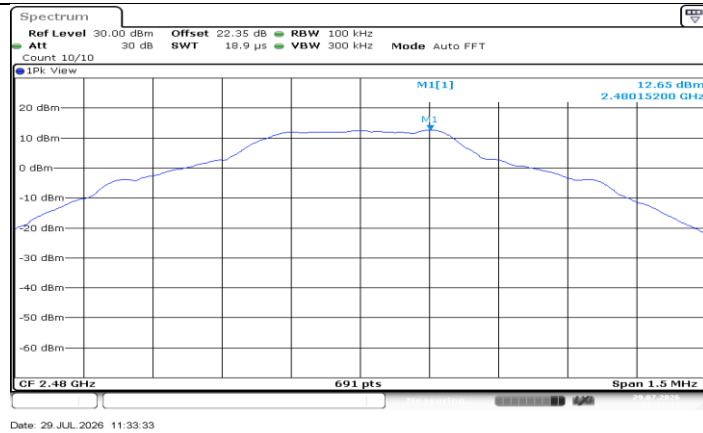
DH5_Ant1_2441_0~Reference



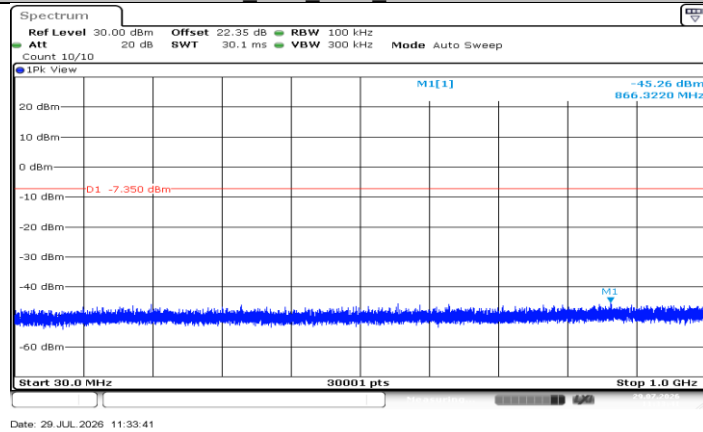
DH5_Ant1_2441_30~1000



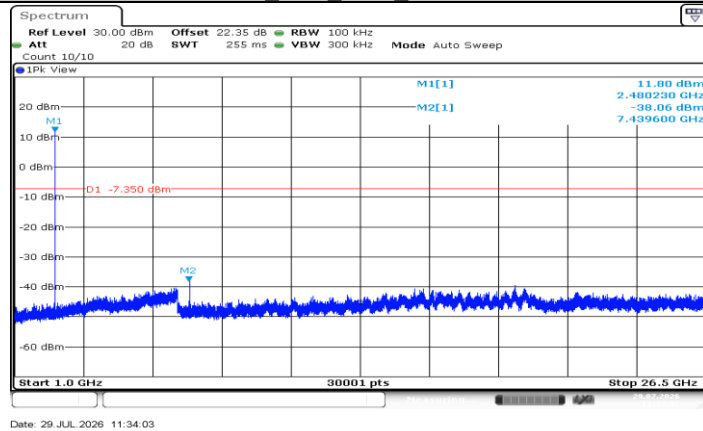
DH5_Ant1_2441_1000~26500



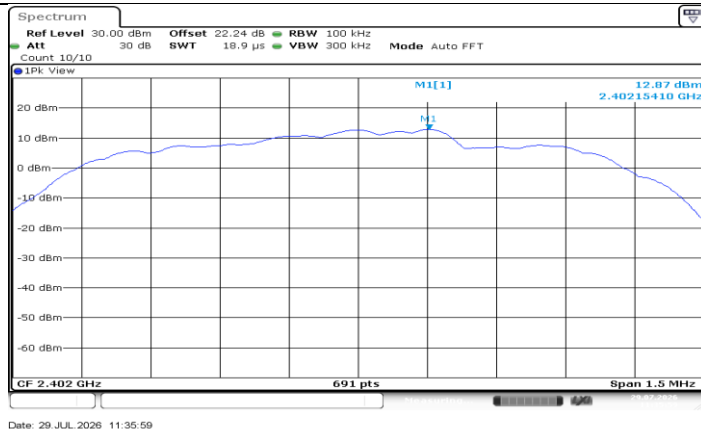
DH5_Ant1_2480_0~Reference



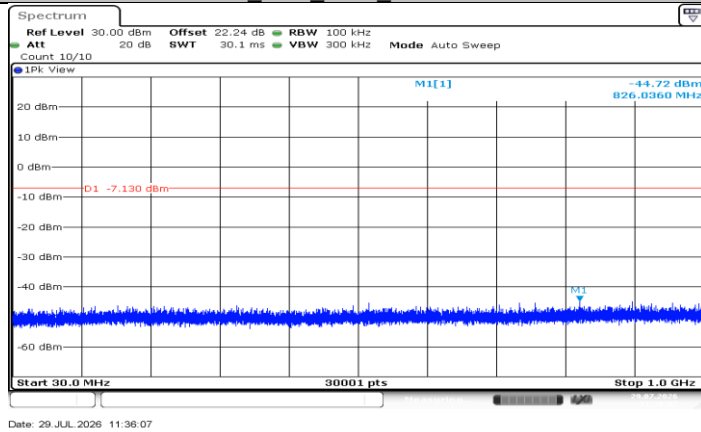
DH5_Ant1_2480_30~1000



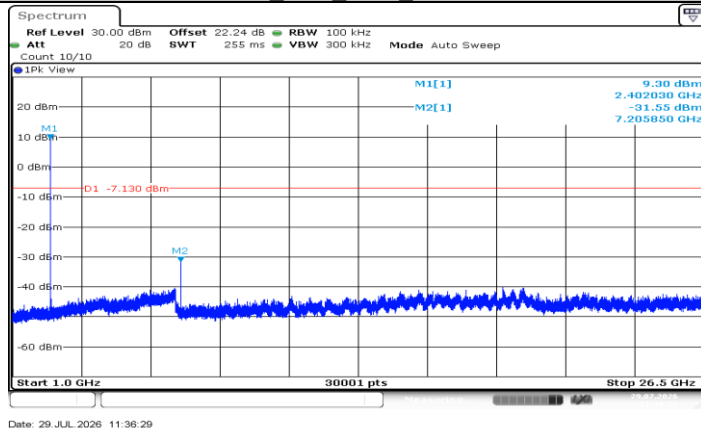
DH5_Ant1_2480_1000~26500



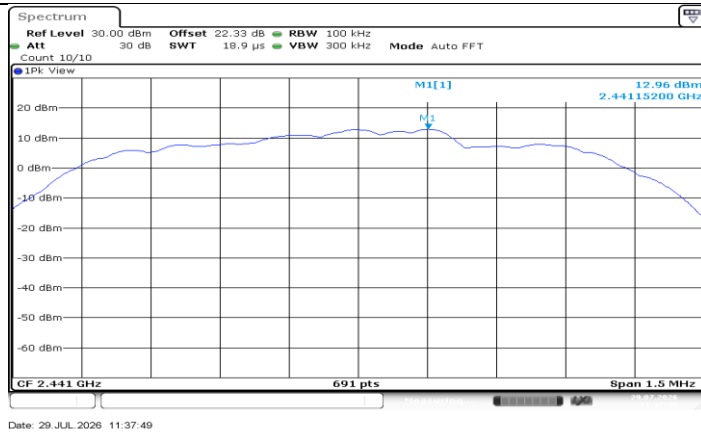
3DH5_Ant1_2402_0~Reference



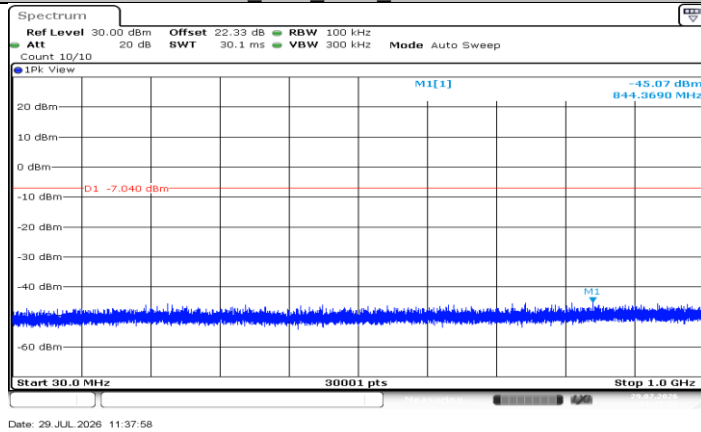
3DH5_Ant1_2402_30~1000



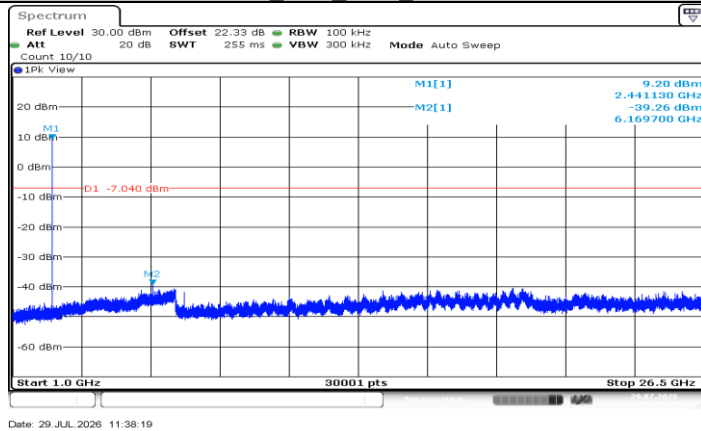
3DH5_Ant1_2402_1000~26500



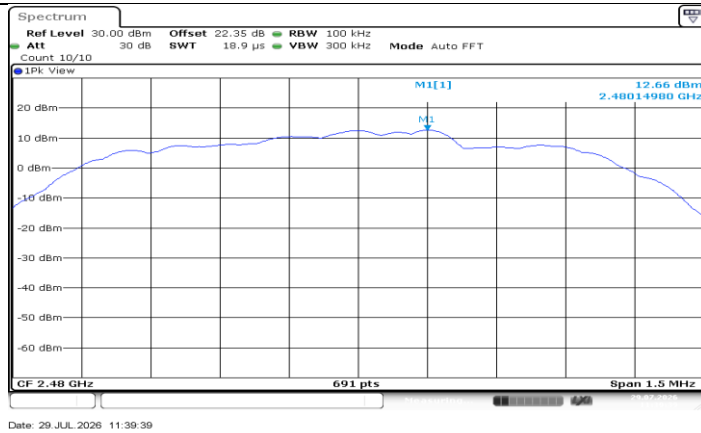
3DH5_Ant1_2441_0~Reference



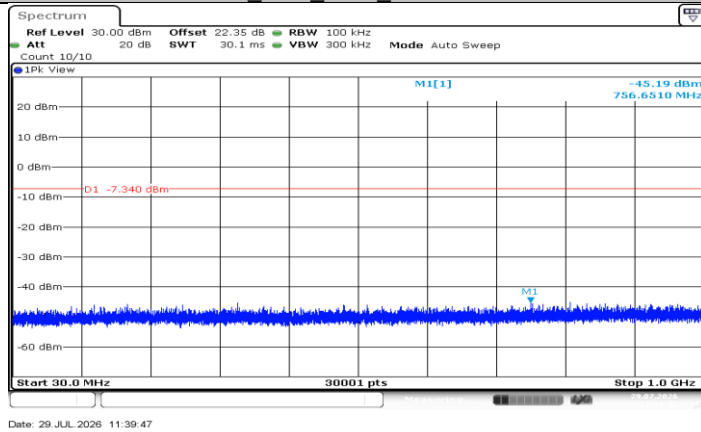
3DH5_Ant1_2441_30~1000



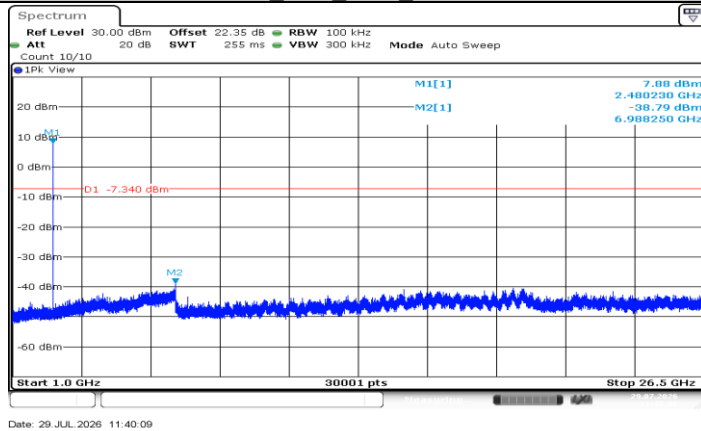
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500

12.9. APPENDIX I2: DUTY CYCLE

12.9.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
DH5	2.87	4.98	0.5763	57.63	2.39	0.35	0.5
3DH5	2.88	4.99	0.5772	57.72	2.39	0.35	0.5

Note:

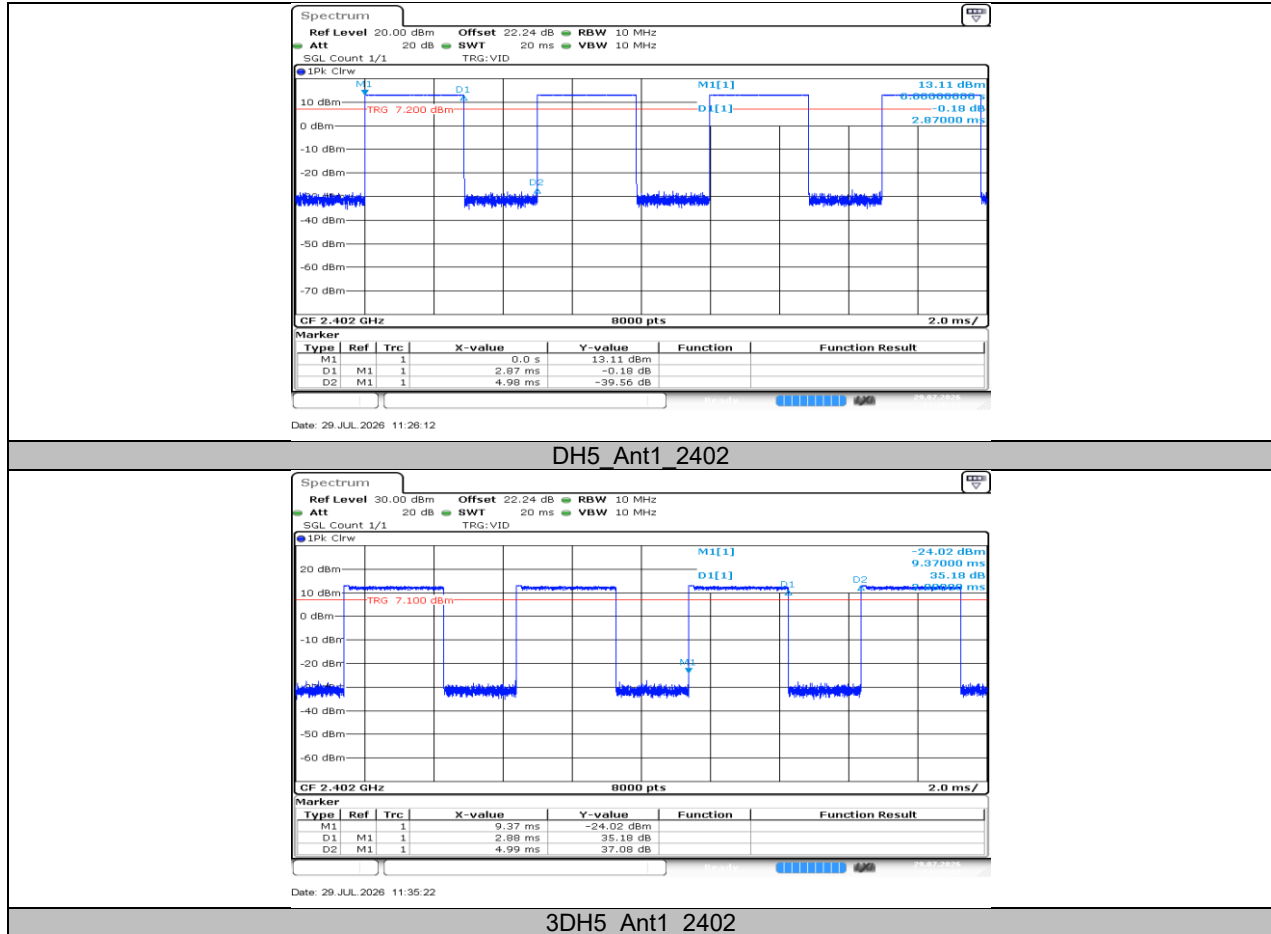
Duty Cycle Correction Factor= $10\log(1/x)$.

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

12.9.2. Test Graphs



END OF REPORT