



Appendix for Test report

1. Appendix A: 20dB Emission Bandwidth

1.1 Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TM1	Ant1	2402	0.944	2401.542	2402.486	---	PASS
		2441	0.944	2440.542	2441.486	---	PASS
		2480	0.944	2479.54	2480.484	---	PASS
TM2	Ant1	2402	1.312	2401.348	2402.66	---	PASS
		2441	1.29	2440.368	2441.658	---	PASS
		2480	1.324	2479.338	2480.662	---	PASS
TM3	Ant1	2402	1.298	2401.356	2402.654	---	PASS
		2441	1.294	2440.358	2441.652	---	PASS
		2480	1.296	2479.354	2480.65	---	PASS

1.2 Test Graphs

TM1_Ant1_2402



09:55:52 18.09.2022

TM1_Ant1_2441



13:03:10 16.09.2022

TM1_Ant1_2480



13:03:34 16.09.2022

TM2_Ant1_2402



13:03:57 16.09.2022

TM2_Ant1_2441



13:04:21 16.09.2022

TM2_Ant1_2480



13:04:44 16.09.2022

TM3_Ant1_2402



13:05:08 16.09.2022

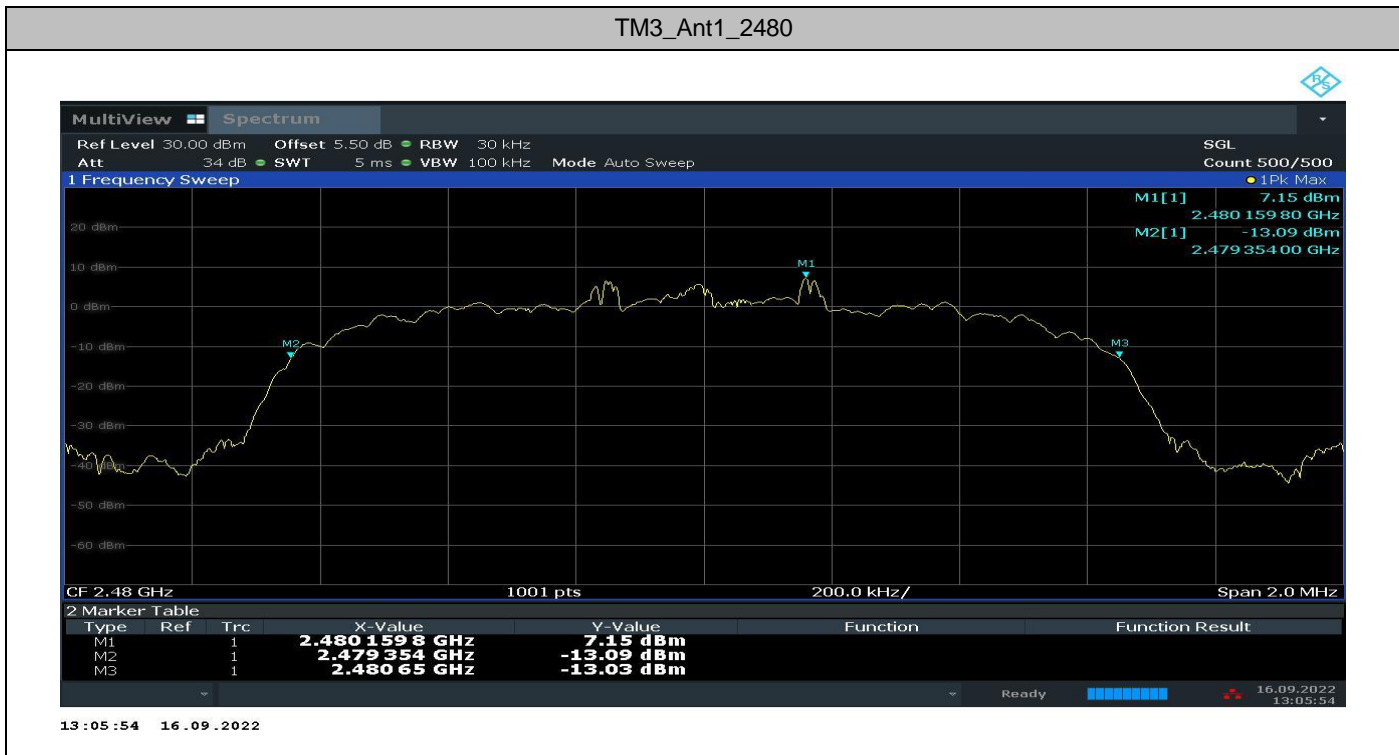
TM3_Ant1_2441



13:05:31 16.09.2022



TM3_Ant1_2480



2. Appendix A1: Occupied Channel Bandwidth

2.1 Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TM1	Ant1	2402	0.87	2401.57	2402.44	---	PASS
		2441	0.87	2440.57	2441.45	---	PASS
		2480	0.87	2479.56	2480.44	---	PASS
TM2	Ant1	2402	1.18	2401.41	2402.60	---	PASS
		2441	1.18	2440.42	2441.60	---	PASS
		2480	1.18	2479.41	2480.59	---	PASS
TM3	Ant1	2402	1.18	2401.41	2402.60	---	PASS
		2441	1.18	2440.42	2441.60	---	PASS
		2480	1.19	2479.41	2480.60	---	PASS



2.2 Test Graphs

TM1_Ant1_2402



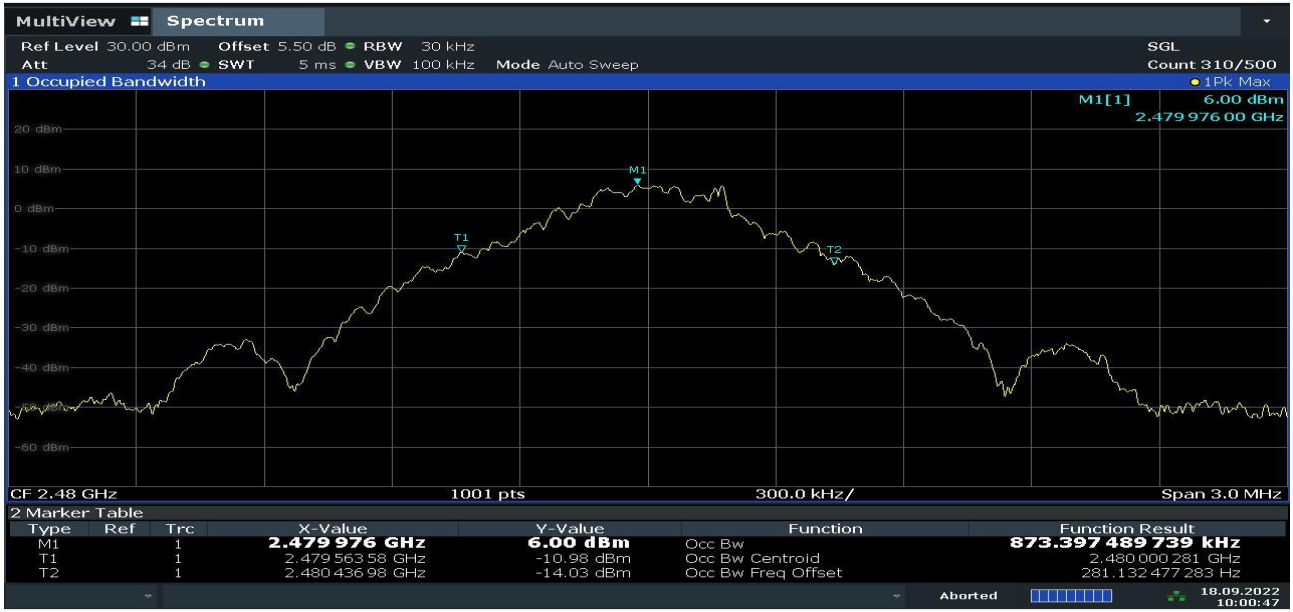
09:58:30 18.09.2022

TM1_Ant1_2441



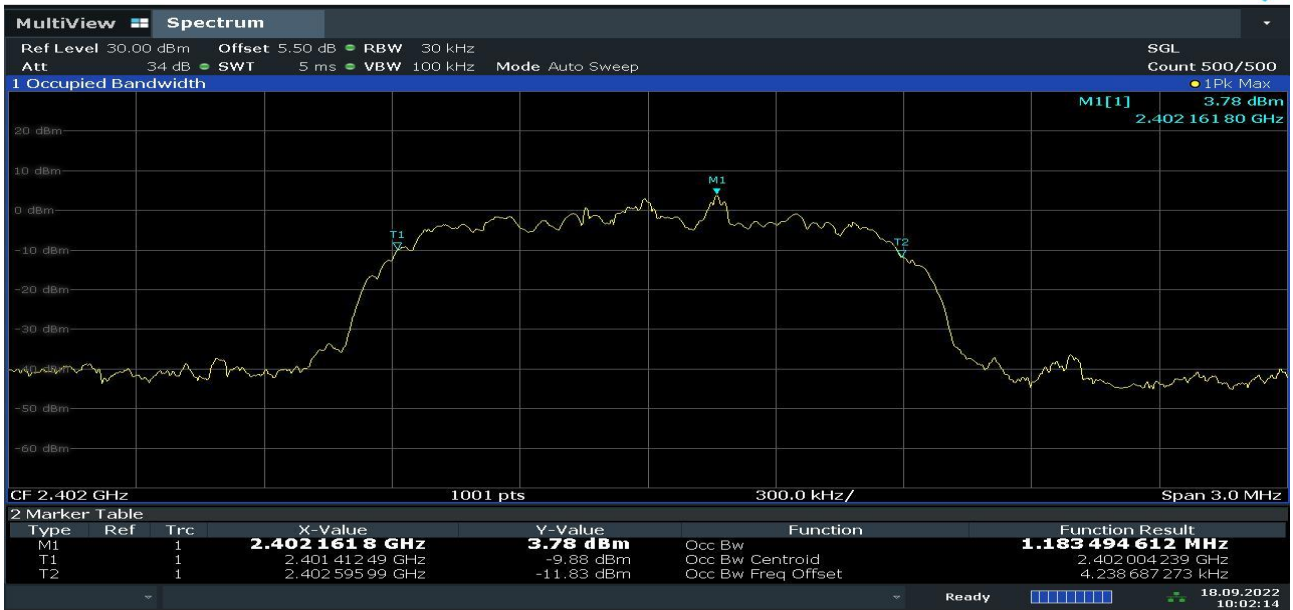
10:00:06 18.09.2022

TM1_Ant1_2480



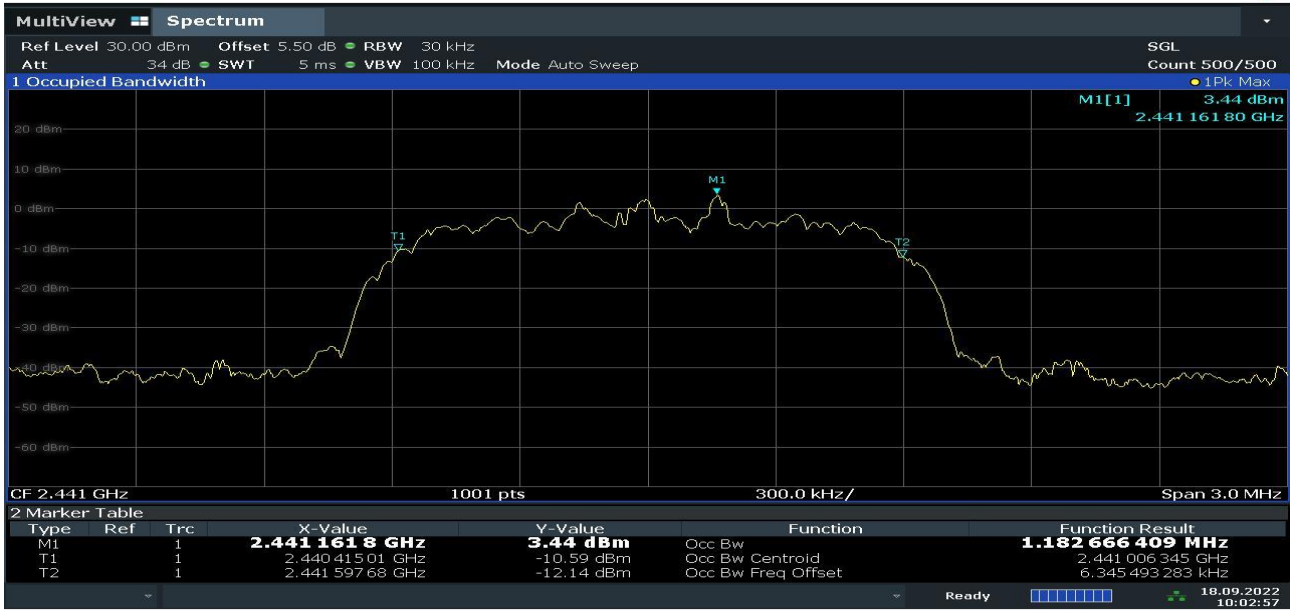
10:00:47 18.09.2022

TM2_Ant1_2402



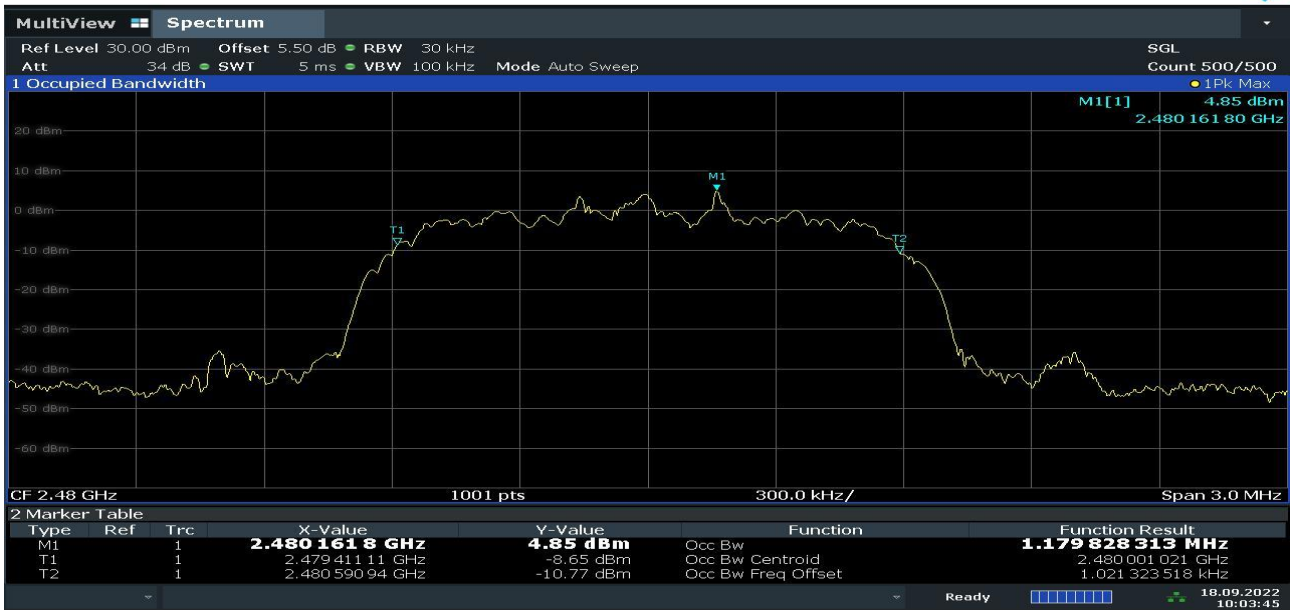
10:02:15 18.09.2022

TM2_Ant1_2441



10:02:58 18.09.2022

TM2_Ant1_2480



10:03:46 18.09.2022

TM3_Ant1_2402



10:04:40 18.09.2022

TM3_Ant1_2441



10:05:18 18.09.2022



TM3_Ant1_2480

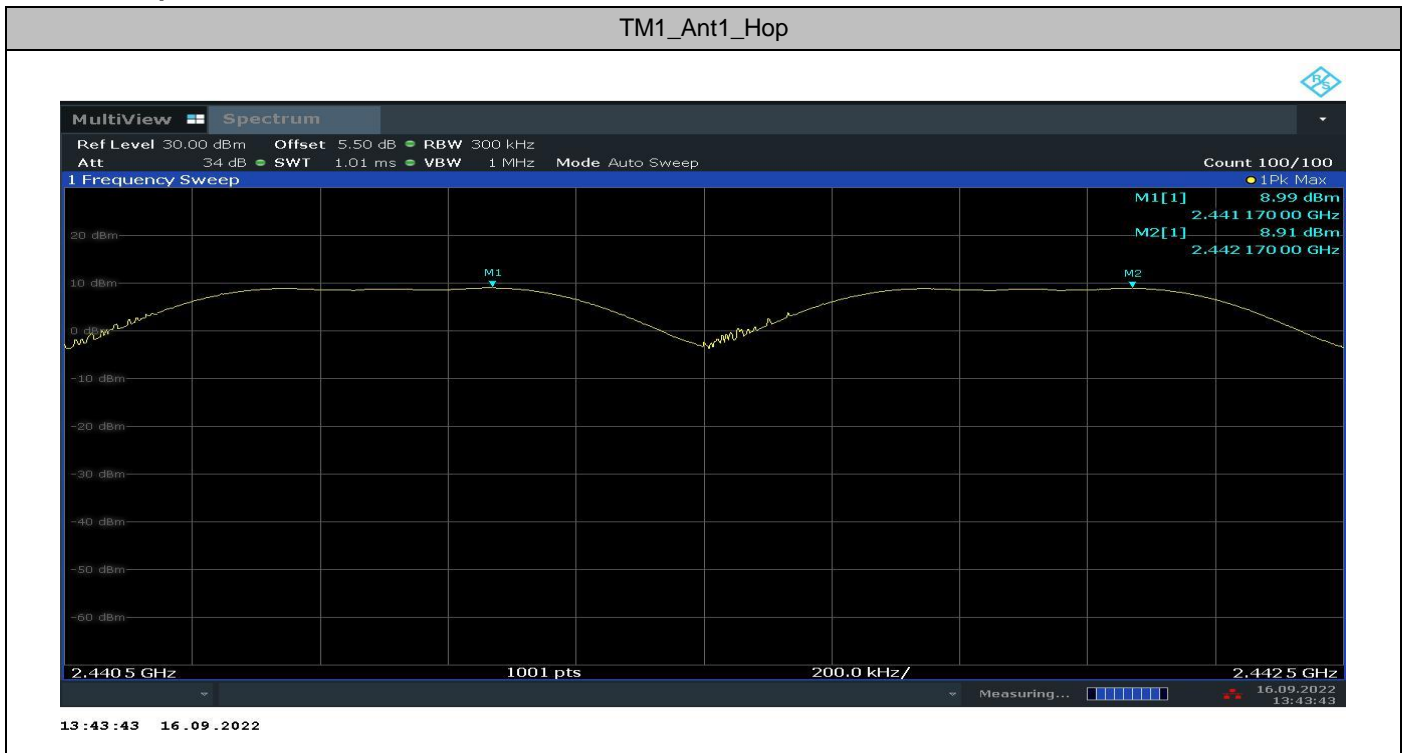


3. Appendix B: Carrier frequency separation

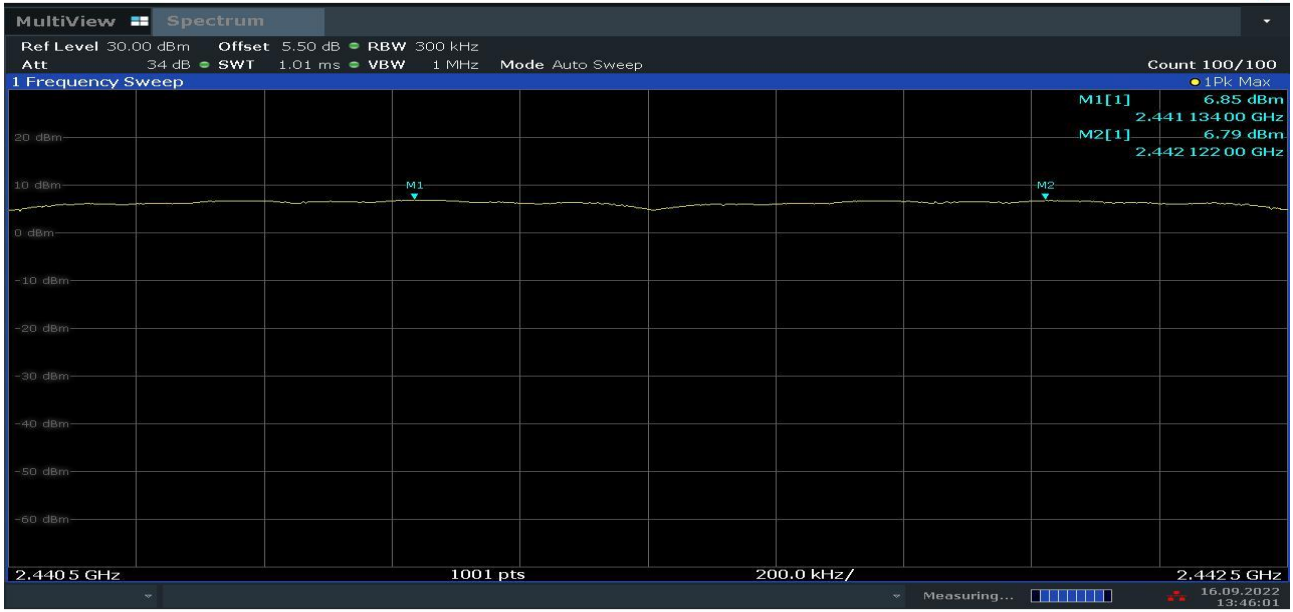
3.1 Test Result

TestMode	Antenna	Channel	CarrierFrequency Separation [MHz]	Limit[MHz]	Verdict
TM1	Ant1	Hop	1.0	≥ 0.629	PASS
TM2	Ant1	Hop	0.988	≥ 0.883	PASS
TM3	Ant1	Hop	1.002	≥ 0.865	PASS

3.2 Test Graphs

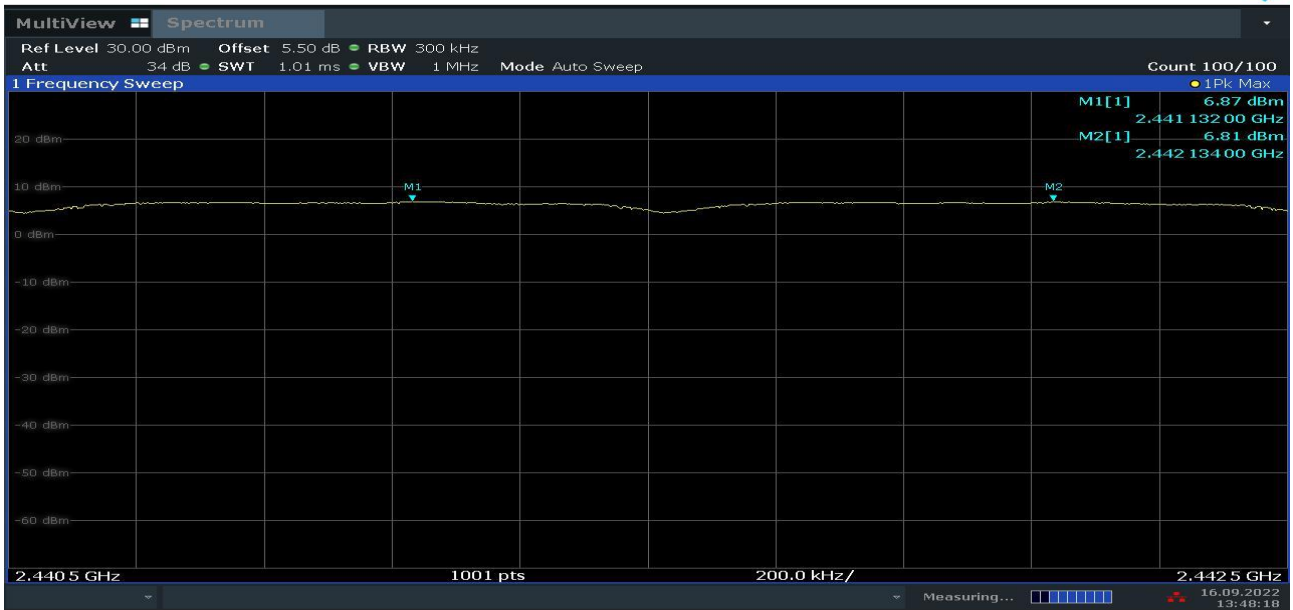


TM2_Ant1_Hop



13:46:01 16.09.2022

TM3_Ant1_Hop



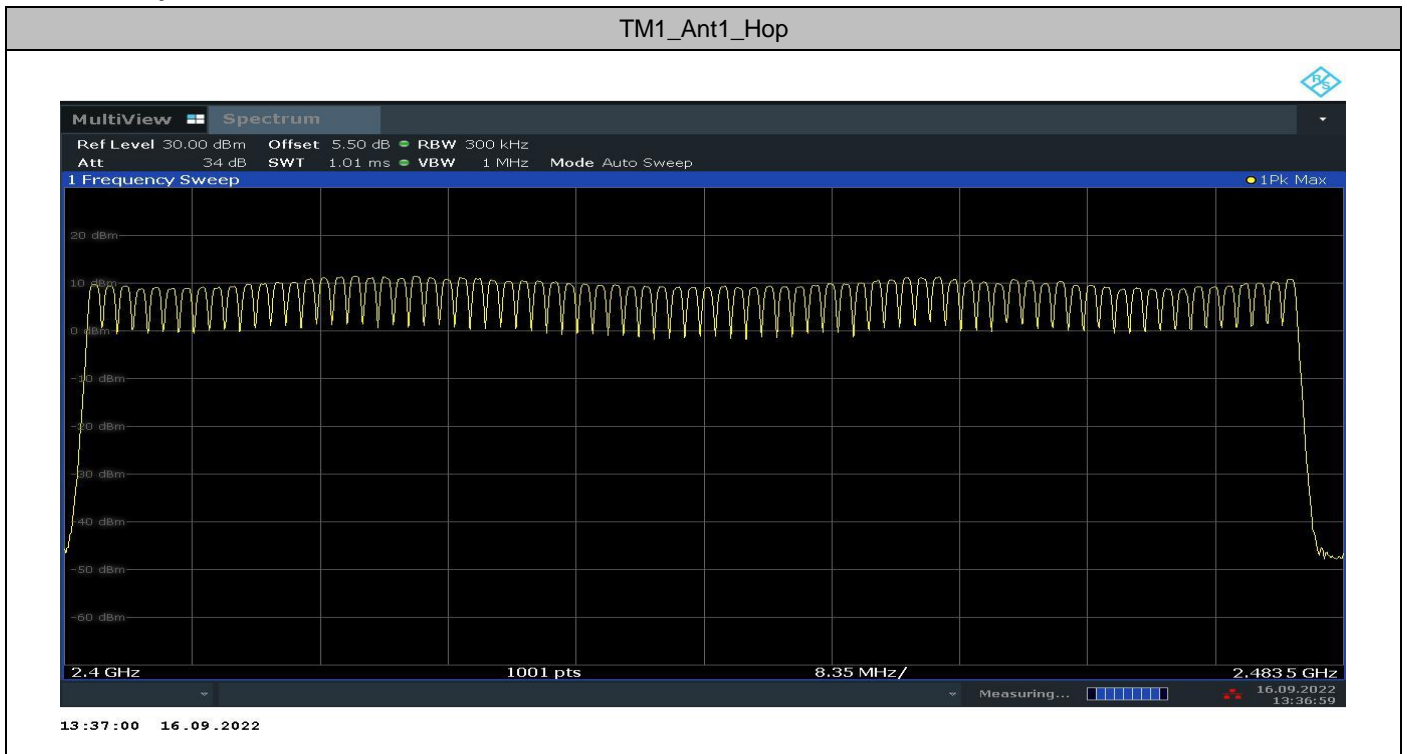
13:48:19 16.09.2022

4. Appendix C: Number of hopping channels

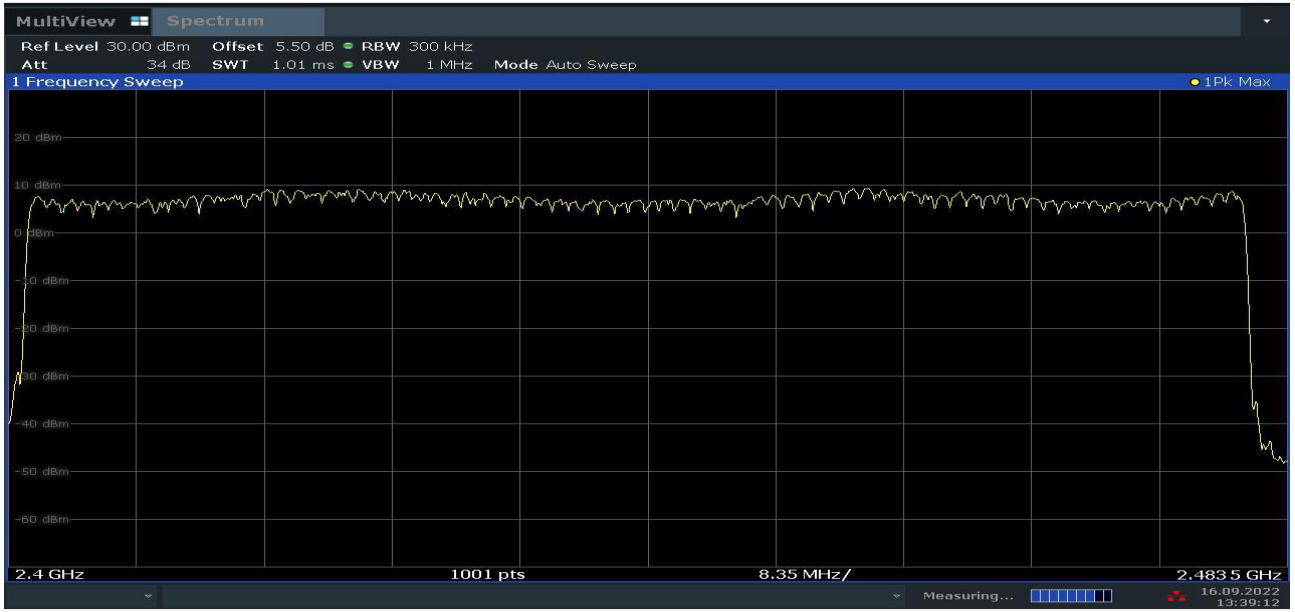
4.1 Test Result

TestMode	Antenna	Channel	Number of Hopping Channel	Limit	Verdict
TM1	Ant1	Hop	79	≥ 15	PASS
TM2	Ant1	Hop	79	≥ 15	PASS
TM3	Ant1	Hop	79	≥ 15	PASS

4.2 Test Graphs

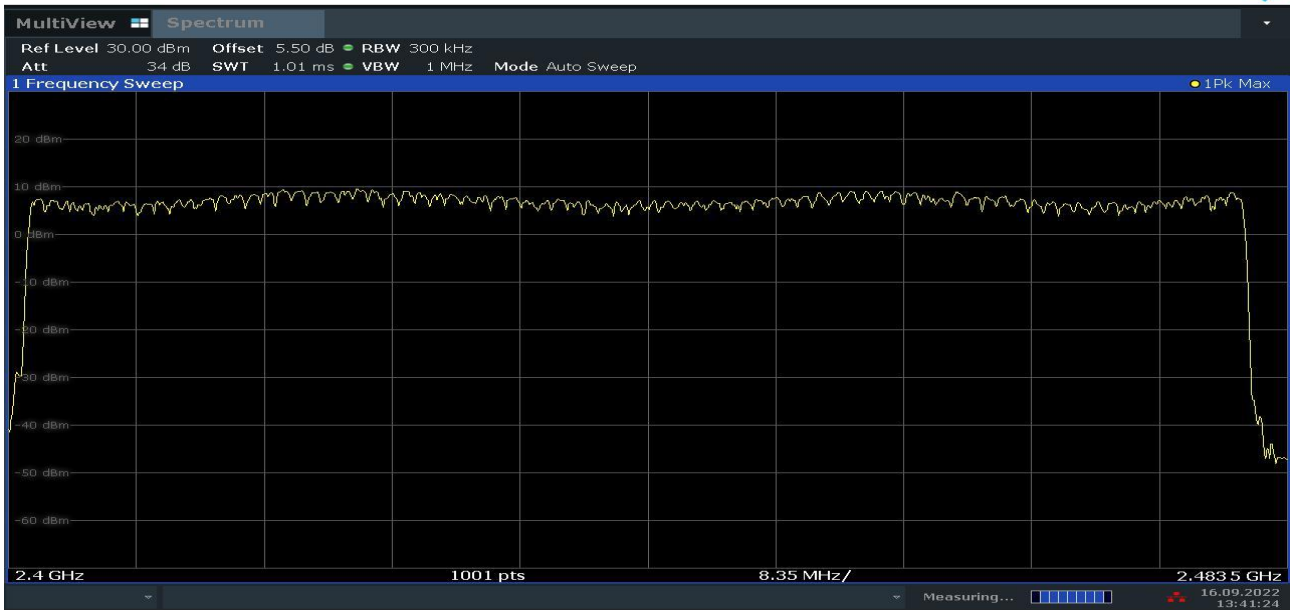


TM2_Ant1_Hop



13:39:12 16.09.2022

TM3_Ant1_Hop



13:41:25 16.09.2022

5. Appendix D: Time of occupancy

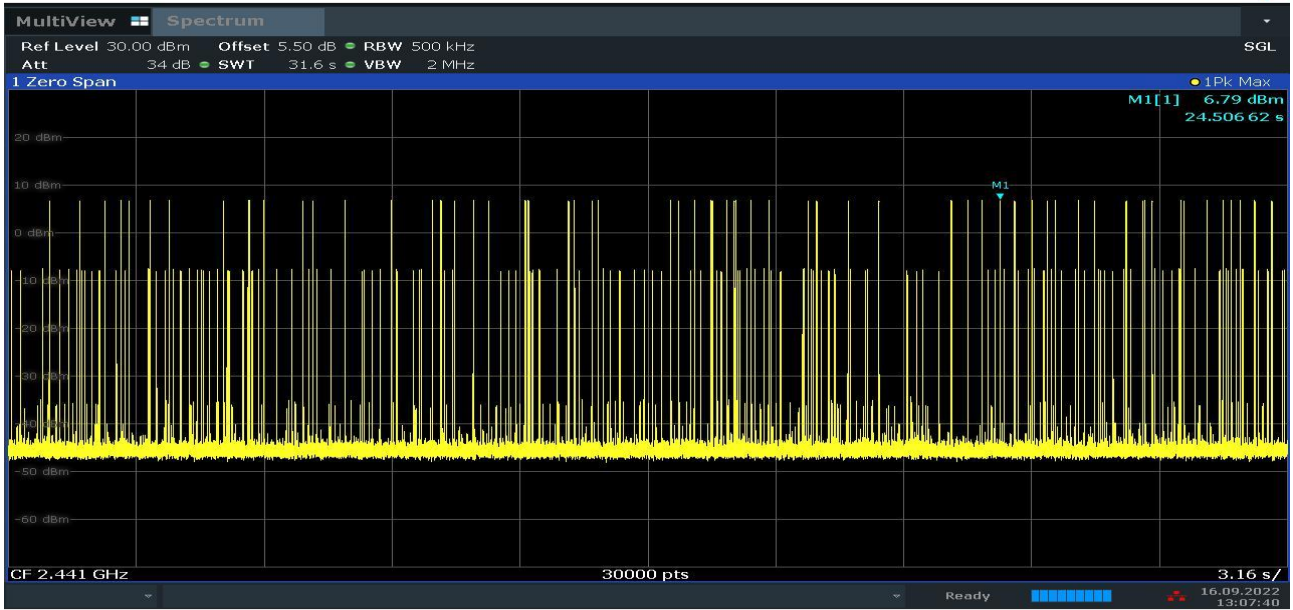
5.1 Test Result

TestMode	Antenna	Channel	Burst Width [ms/hop/ch]	Total Hops [hop*ch]	Dwell Time [s]	Limit[s]	Verdict
TM1	Ant1	Hop	2.876	67	0.193	<=0.4	PASS
TM2	Ant1	Hop	2.881	62	0.179	<=0.4	PASS
TM3	Ant1	Hop	2.883	60	0.173	<=0.4	PASS

5.2 Test Graphs



TM2_Ant1_Hop

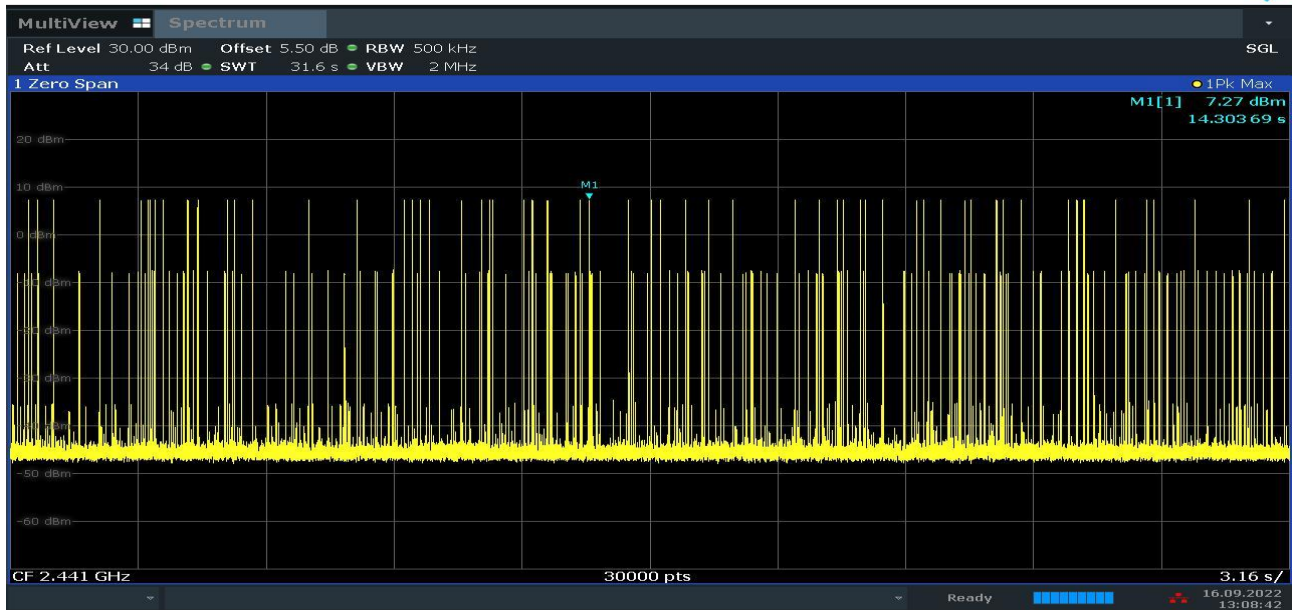


13:07:41 16.09.2022



13:07:56 16.09.2022

TM3_Ant1_Hop



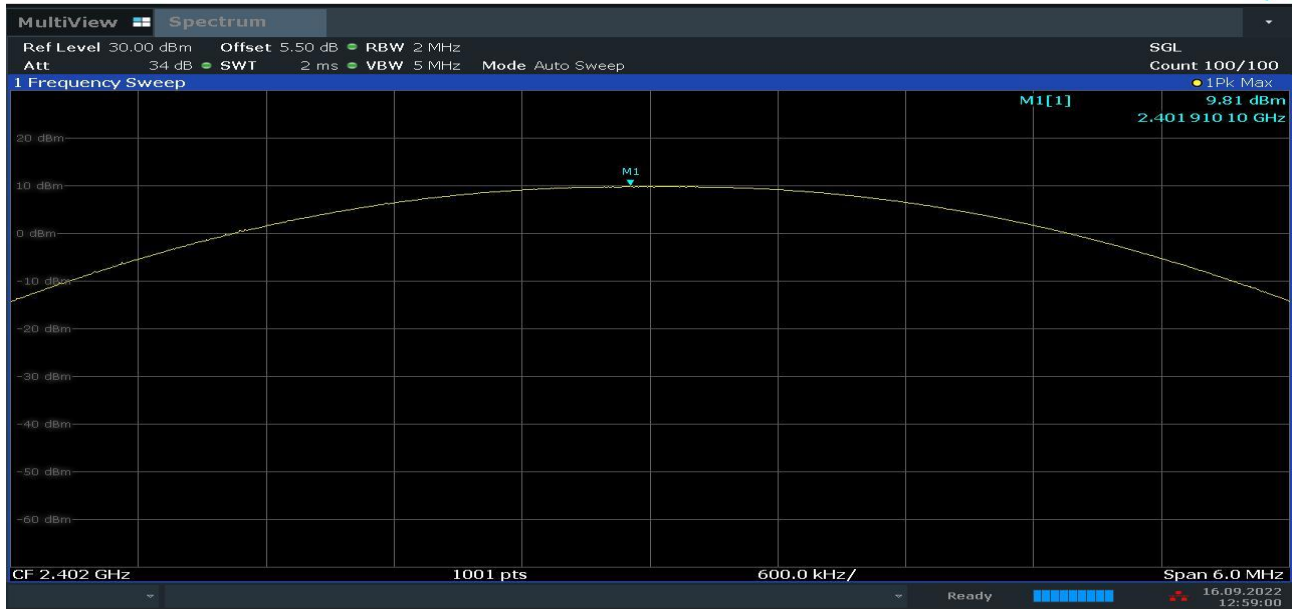
6. Appendix E: Maximum Peak output power

6.1 Test Result

TestMode	Antenna	Channel	Conducted Result[dBm]	Conducted Limit[dBm]	EIRP Result[dBm]	EIRP Limit[dBm]	Verdict
TM1	Ant1	2402	9.81	30	8.31	36	PASS
		2441	9.1	30	7.6	36	PASS
		2480	10.66	30	9.16	36	PASS
TM2	Ant1	2402	10.45	30	8.95	36	PASS
		2441	9.84	30	8.34	36	PASS
		2480	11.28	30	9.78	36	PASS
TM3	Ant1	2402	10.77	30	9.27	36	PASS
		2441	10.14	30	8.64	36	PASS
		2480	11.54	30	10.04	36	PASS

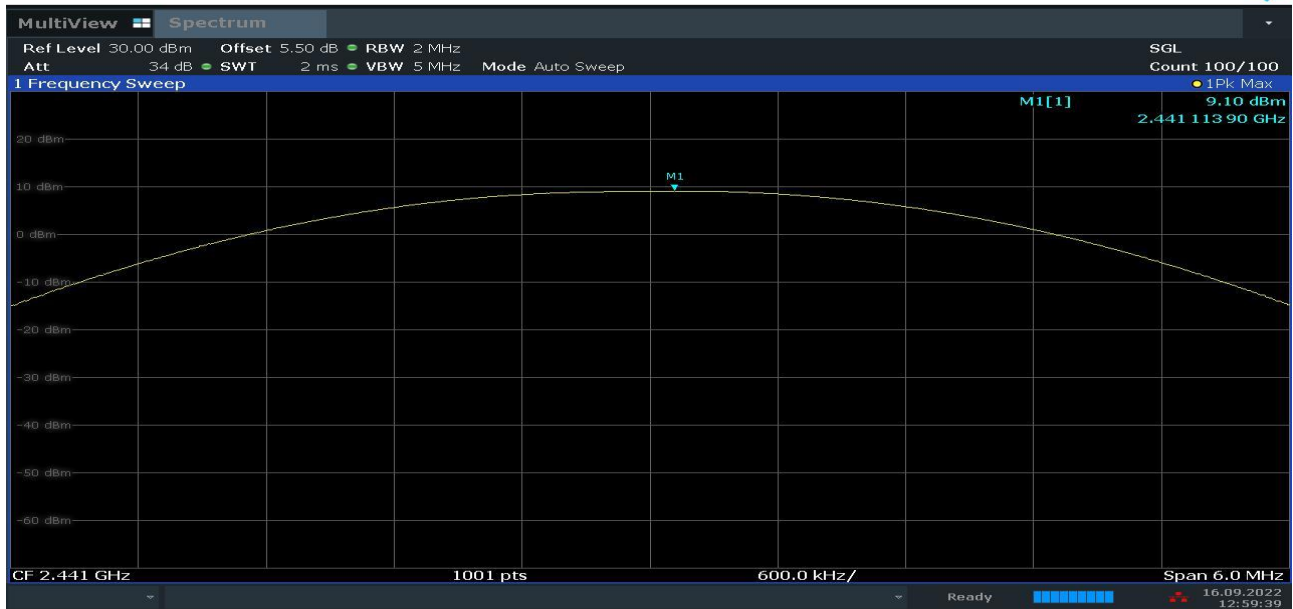
6.2 Test Graphs

TM1_Ant1_2402



12:59:00 16.09.2022

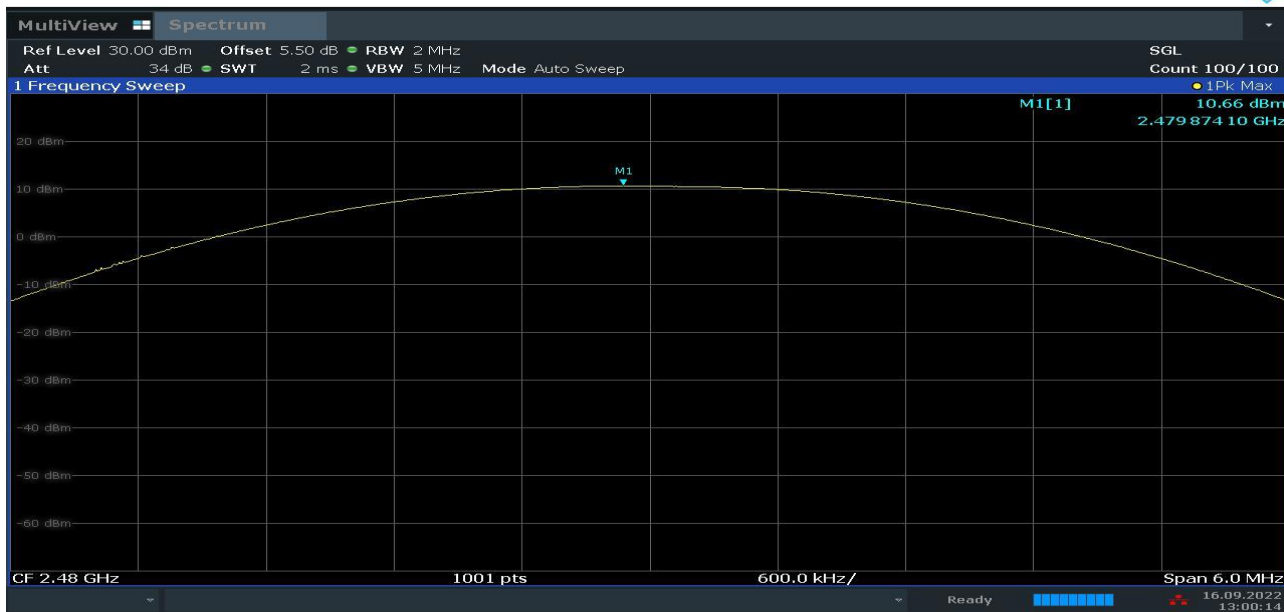
TM1_Ant1_2441



12:59:40 16.09.2022

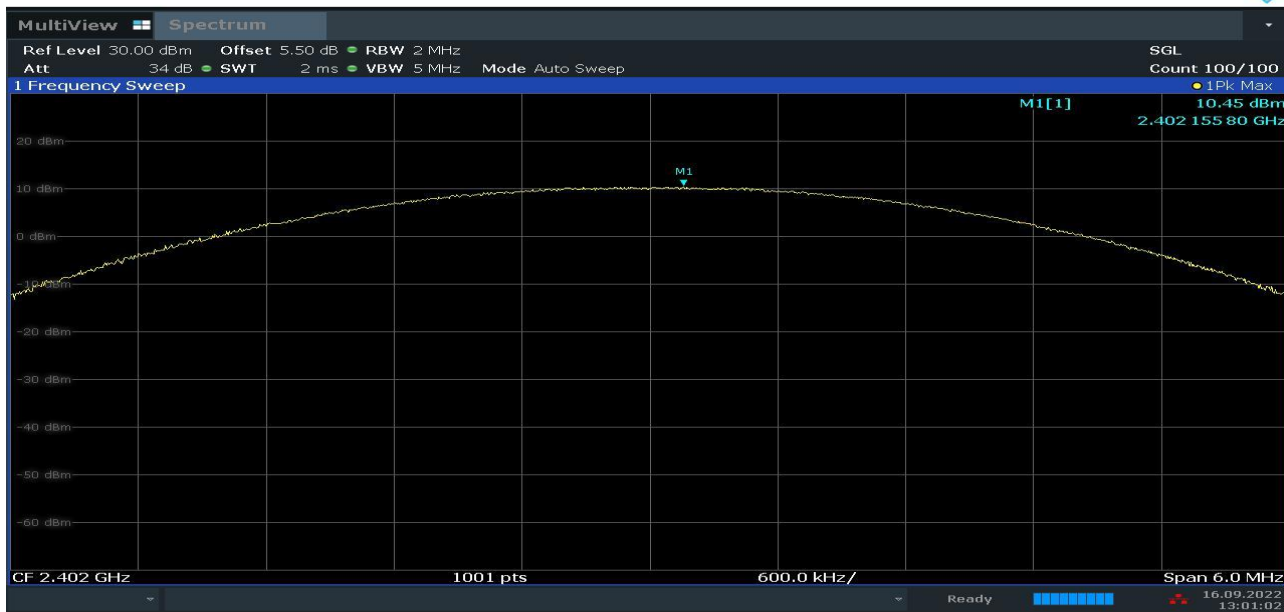


TM1_Ant1_2480



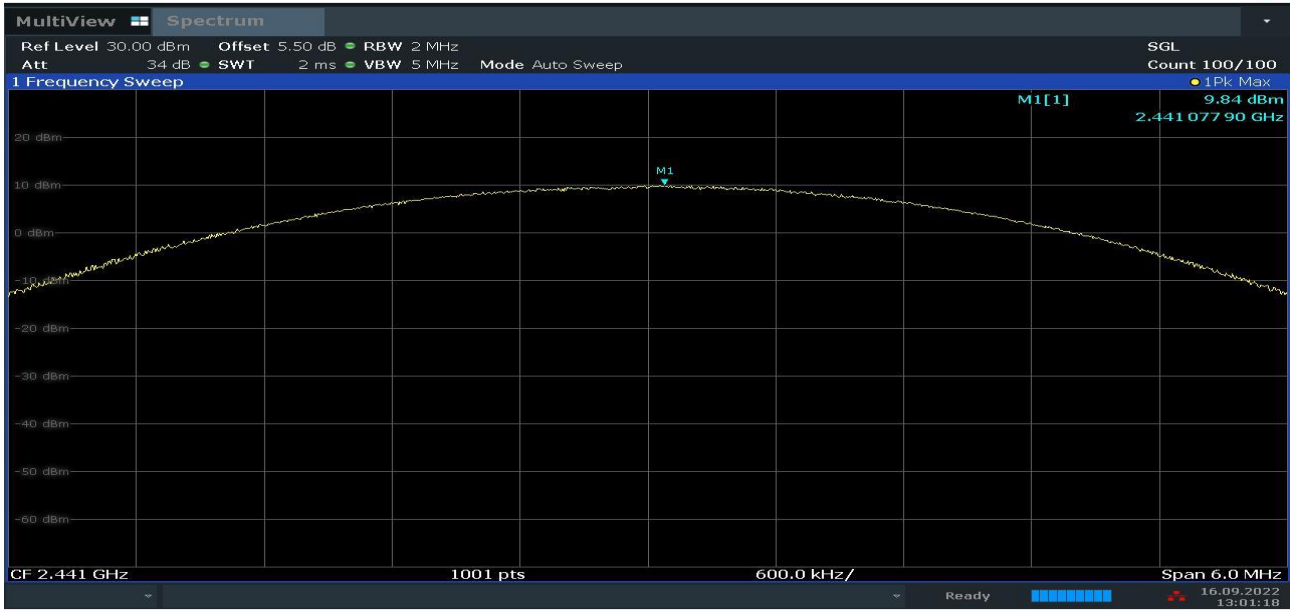
13:00:15 16.09.2022

TM2_Ant1_2402



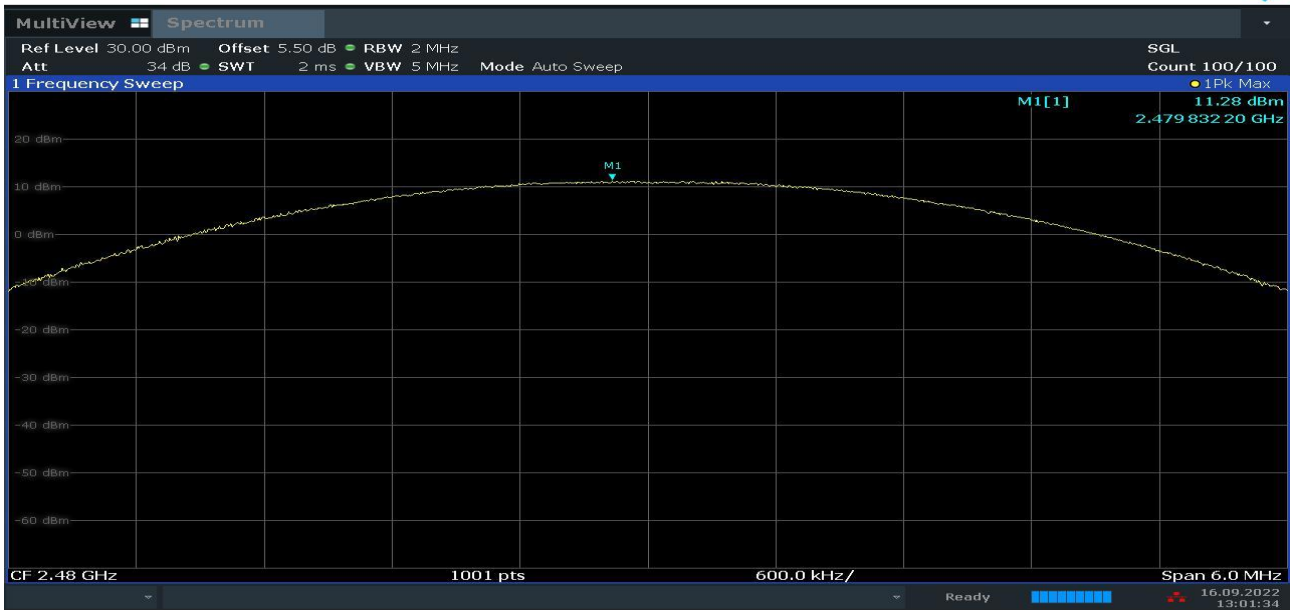
13:01:02 16.09.2022

TM2_Ant1_2441



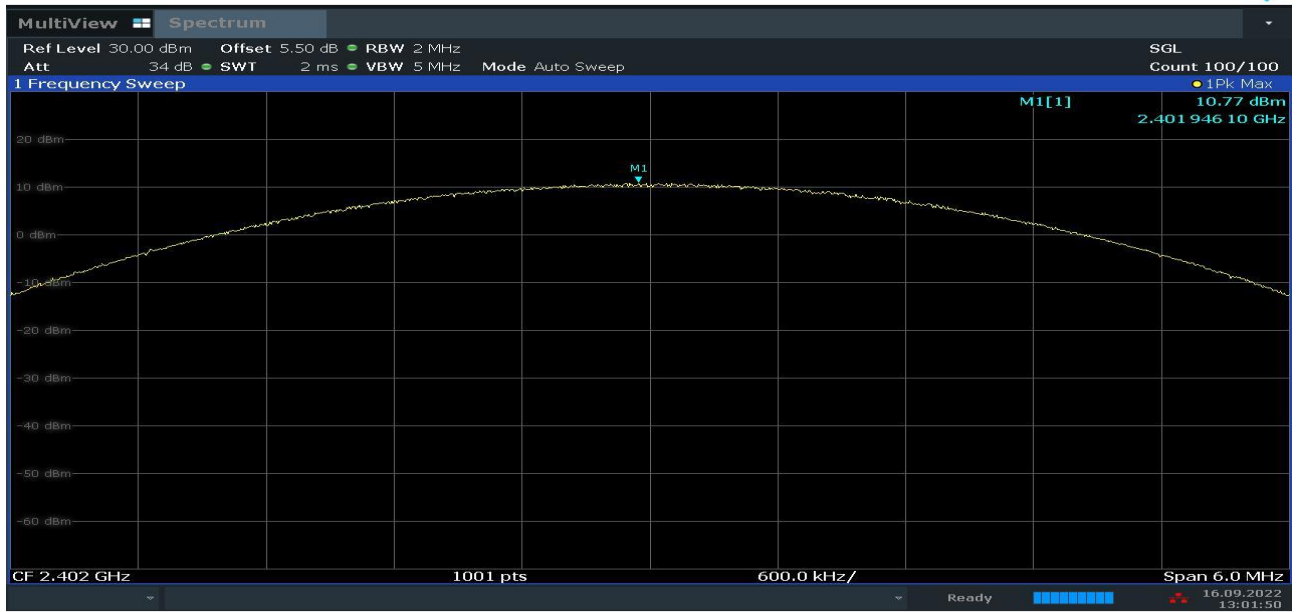
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TM2_Ant1_2480



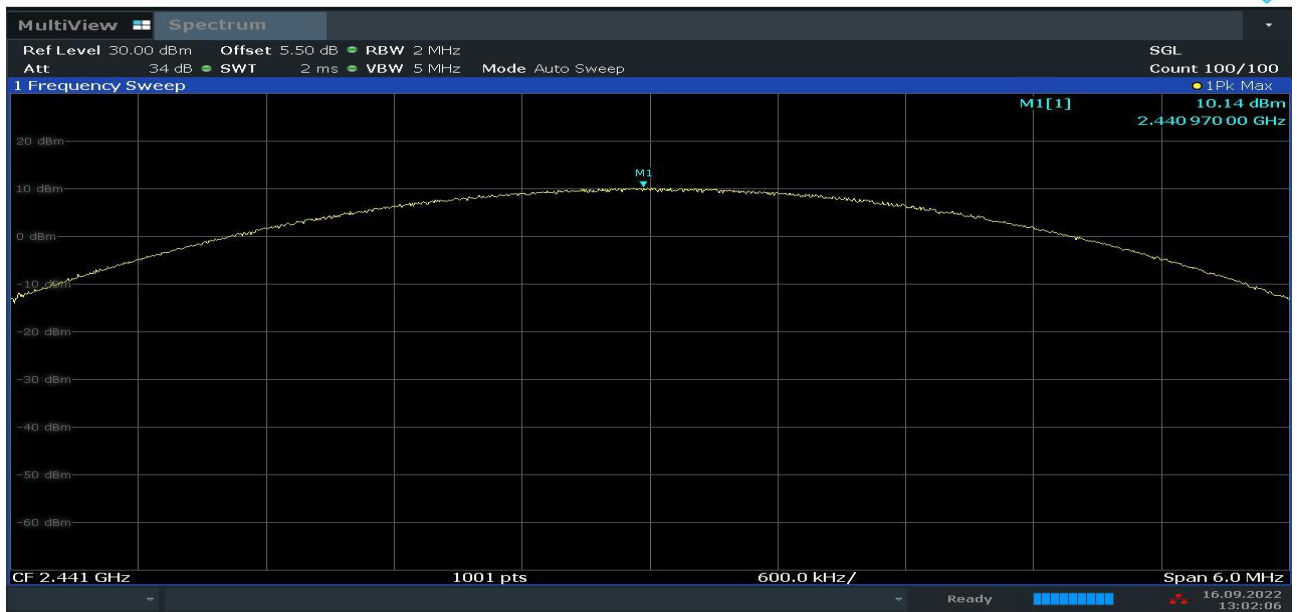
13:01:34 16.09.2022

TM3_Ant1_2402



13:01:50 16.09.2022

TM3_Ant1_2441



13:02:06 16.09.2022

