



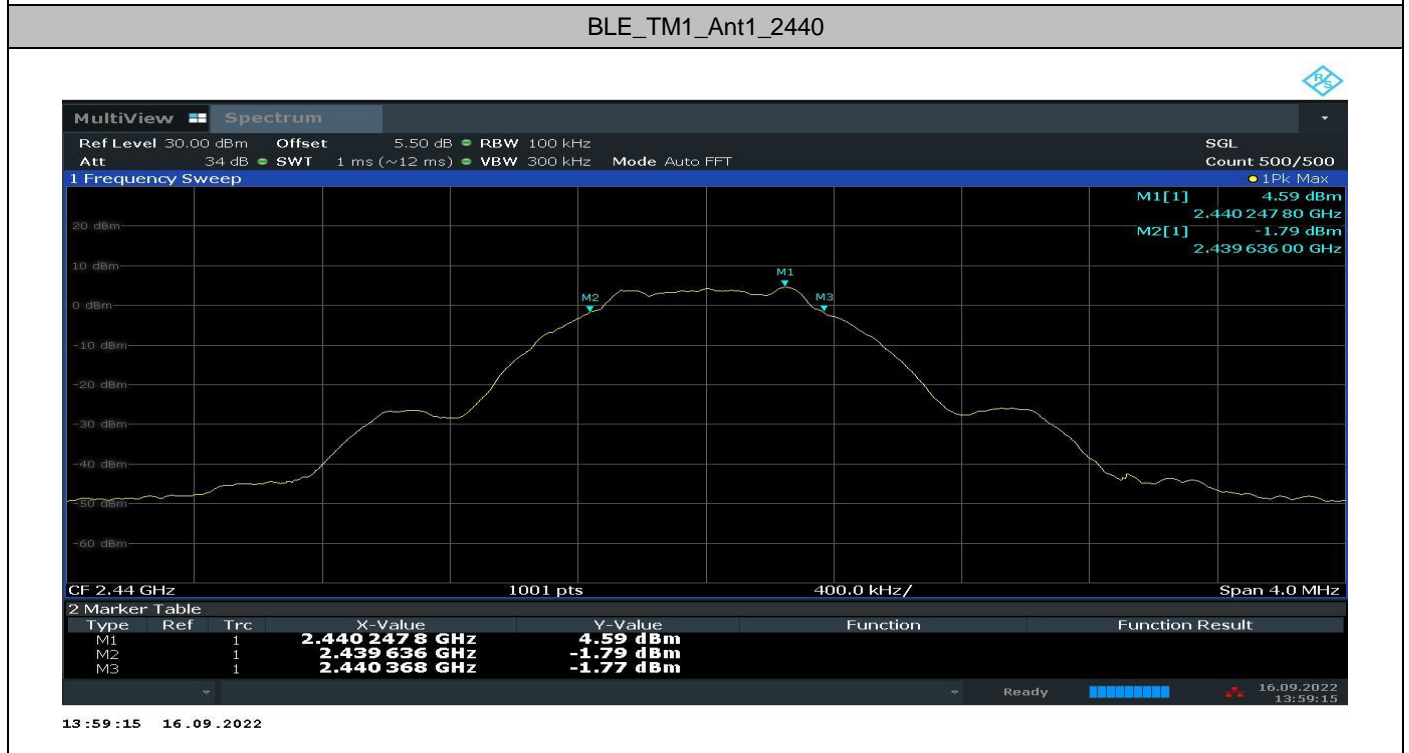
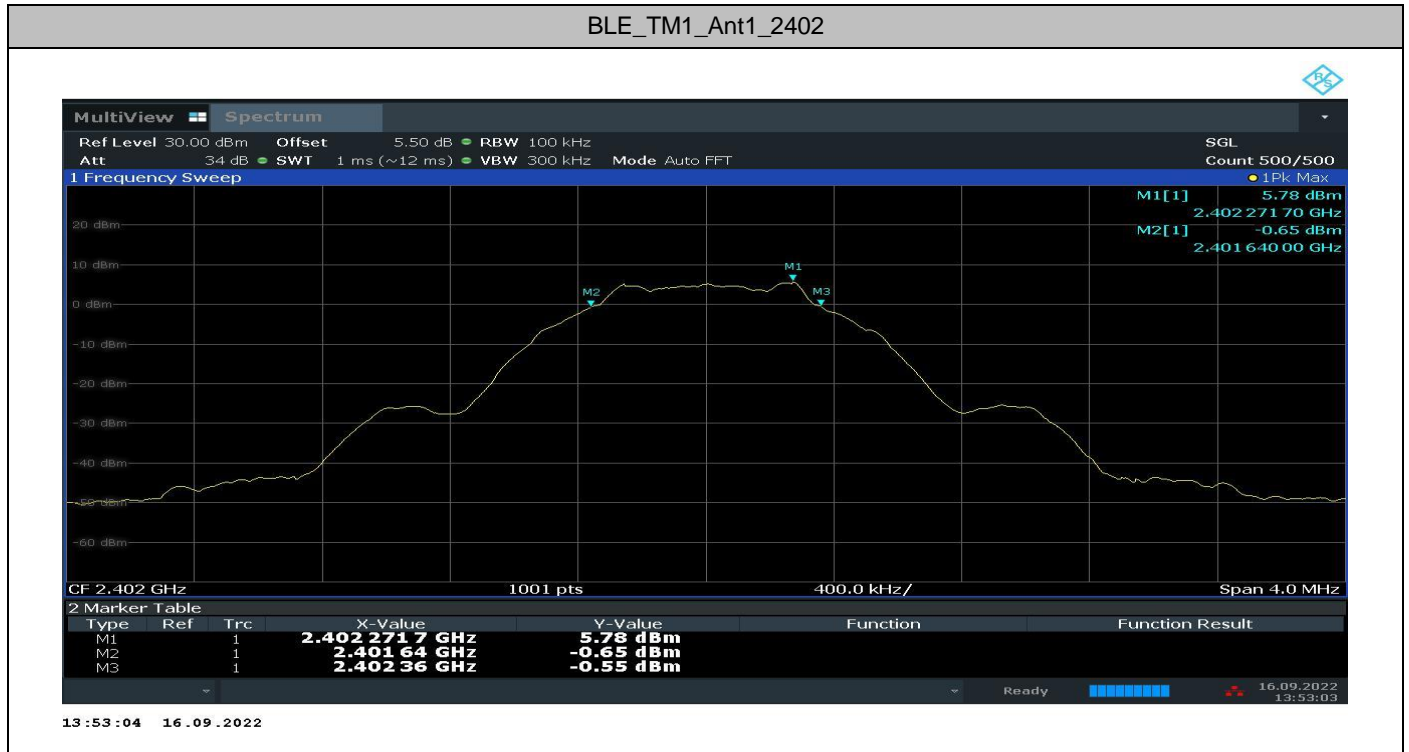
Appendix for Test report

1. Appendix A: DTS Bandwidth

1.1 Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_TM1	Ant1	2402	0.72	2401.64	2402.36	≥0.5	PASS
		2440	0.732	2439.636	2440.368	≥0.5	PASS
		2480	0.744	2479.624	2480.368	≥0.5	PASS
BLE_TM2	Ant1	2402	1.236	2401.36	2402.596	≥0.5	PASS
		2440	1.232	2439.364	2440.596	≥0.5	PASS
		2480	1.24	2479.352	2480.592	≥0.5	PASS

1.2 Test Graphs



BLE_TM1_Ant1_2480



14:03:59 16.09.2022

BLE_TM2_Ant1_2402



09:06:05 18.09.2022

BLE_TM2_Ant1_2440



09:12:42 18.09.2022

BLE_TM2_Ant1_2480



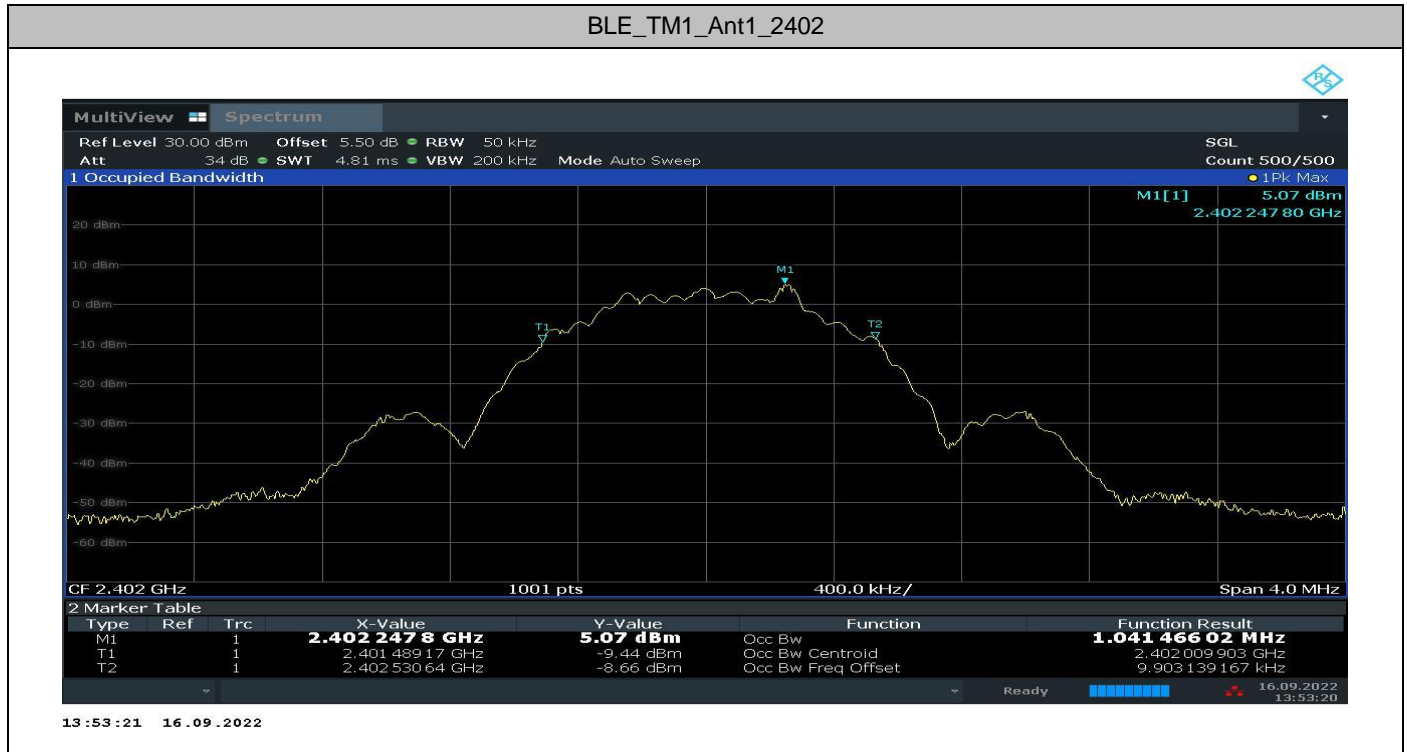
09:18:03 18.09.2022

2. Appendix B: Occupied Channel Bandwidth

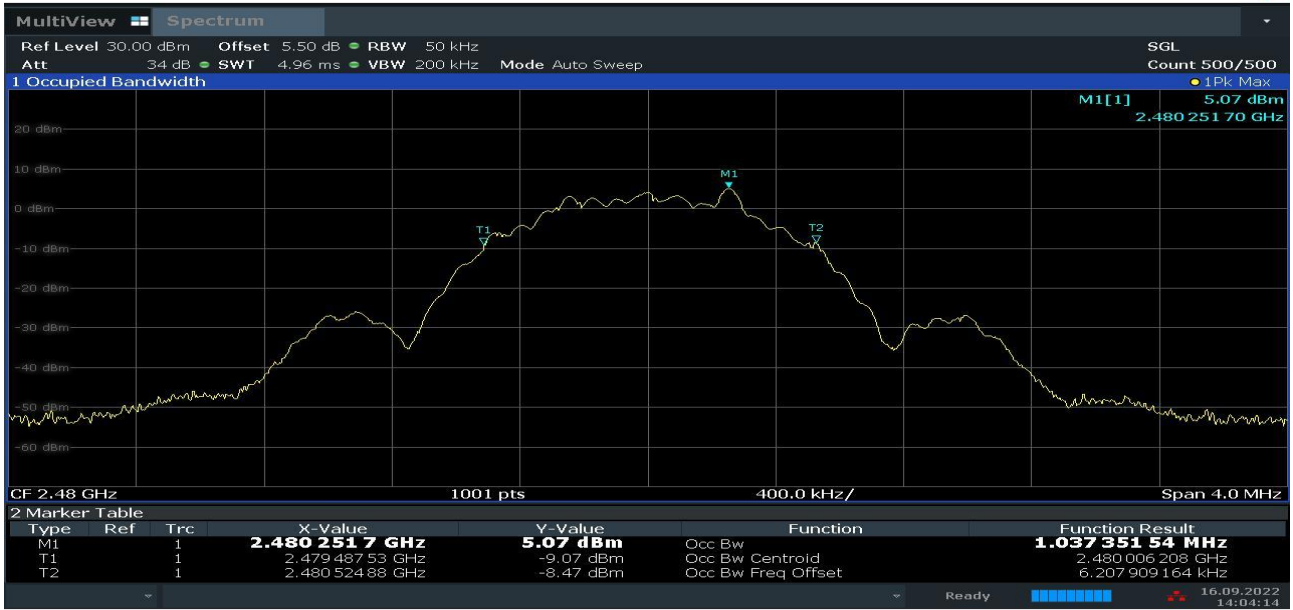
2.1 Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_TM1	Ant1	2402	1.04	2401.49	2402.53	---	PASS
		2440	1.04	2439.49	2440.53	---	PASS
		2480	1.04	2479.49	2480.52	---	PASS
BLE_TM2	Ant1	2402	2.07	2400.99	2403.05	---	PASS
		2440	2.07	2438.99	2441.06	---	PASS
		2480	2.06	2478.99	2481.04	---	PASS

2.2 Test Graphs



BLE_TM1_Ant1_2480



14:04:15 16.09.2022

BLE_TM2_Ant1_2402



09:06:22 18.09.2022

BLE_TM2_Ant1_2440



09:12:59 18.09.2022

BLE_TM2_Ant1_2480



09:18:20 18.09.2022

3. Appendix C: Duty Cycle

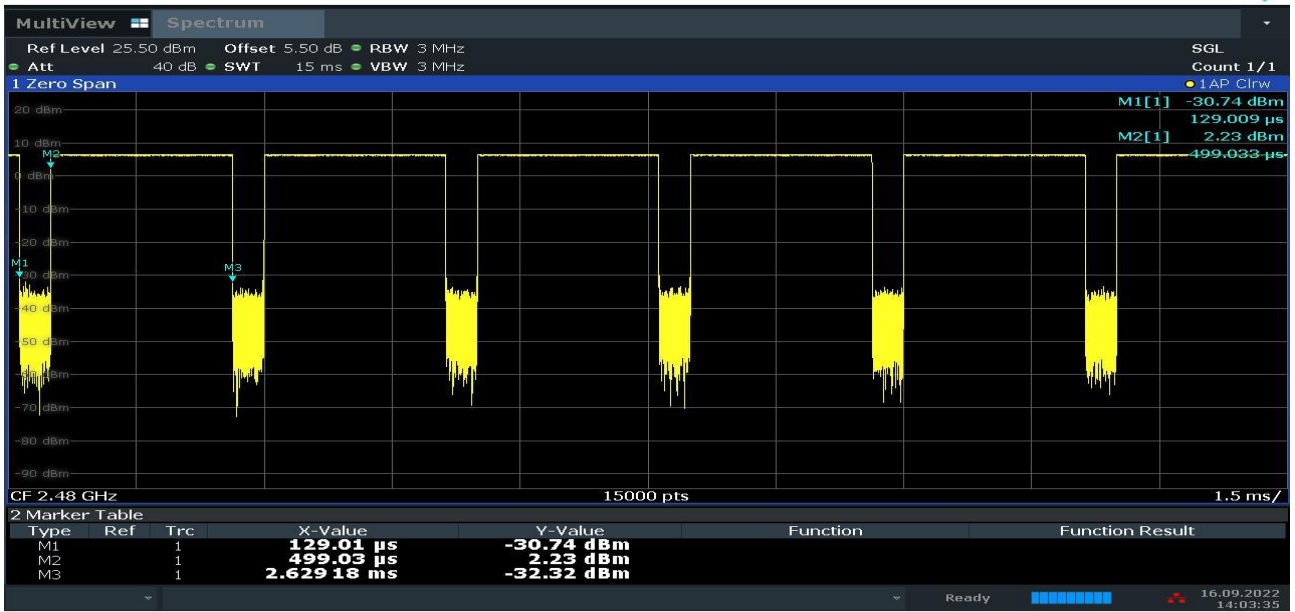
3.1 Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit[MHz]	Verdict
BLE_TM1	Ant1	2402	2.13	2.5	85.2	---	PASS
		2440	2.13	2.5	85.2	---	PASS
		2480	2.13	2.5	85.2	---	PASS
BLE_TM2	Ant1	2402	1.07	1.88	56.915	---	PASS
		2440	1.07	1.88	56.915	---	PASS
		2480	1.07	1.88	56.915	---	PASS

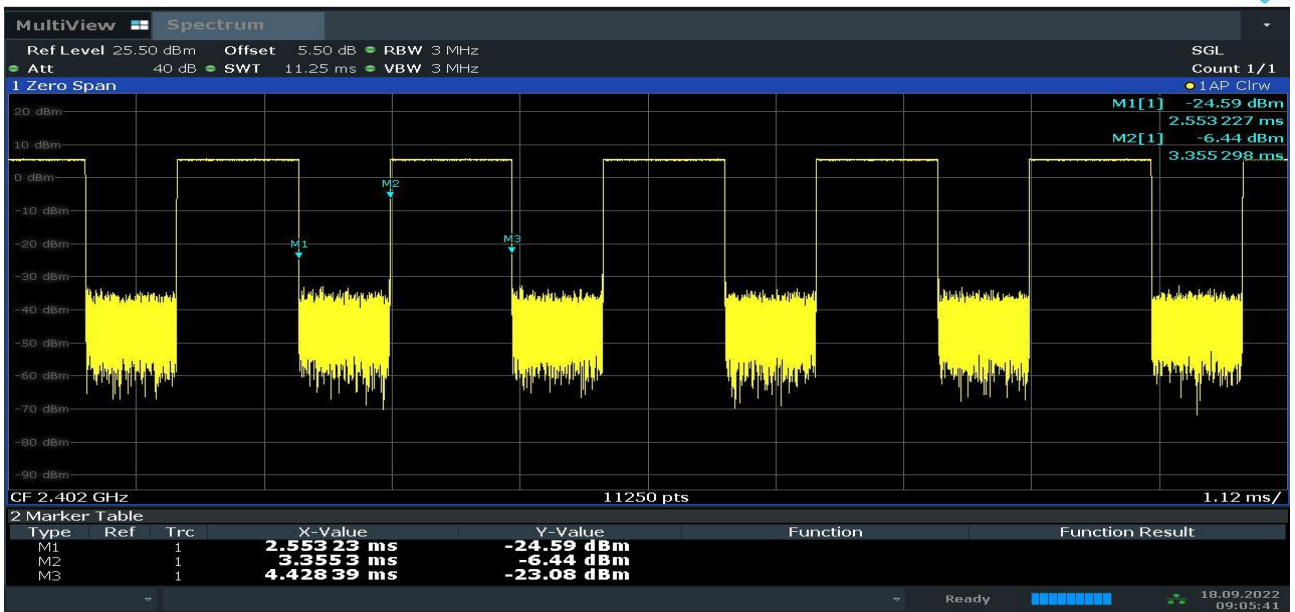
3.2 Test Graphs



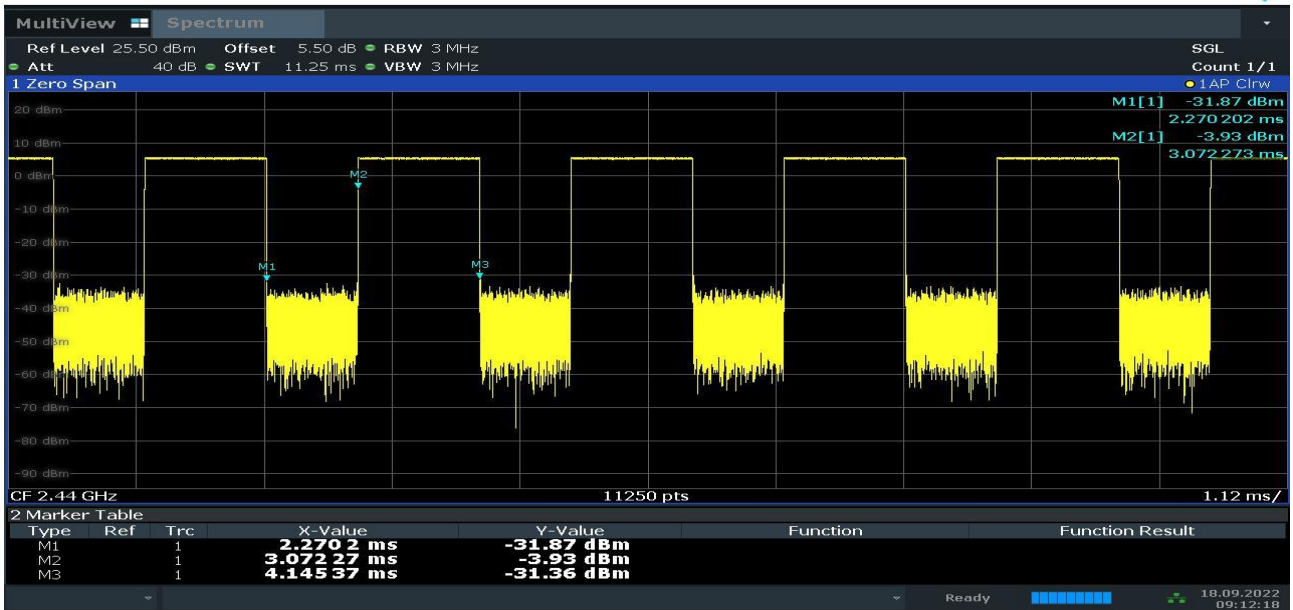
BLE_TM1_Ant1_2480



BLE_TM2_Ant1_2402



BLE_TM2_Ant1_2440



09:12:19 18.09.2022

BLE_TM2_Ant1_2480



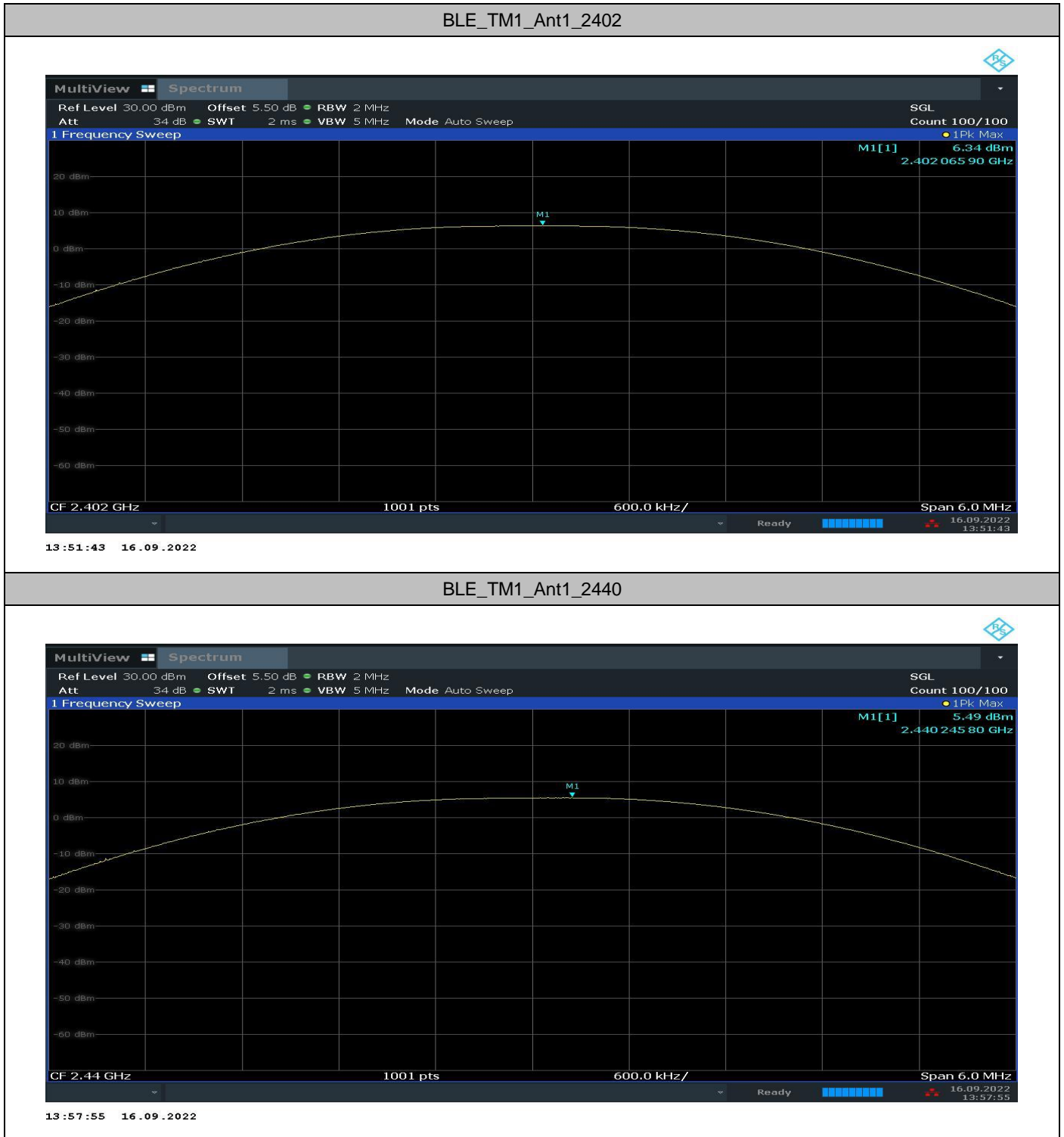
09:17:40 18.09.2022

4. Appendix D: Maximum Peak output power

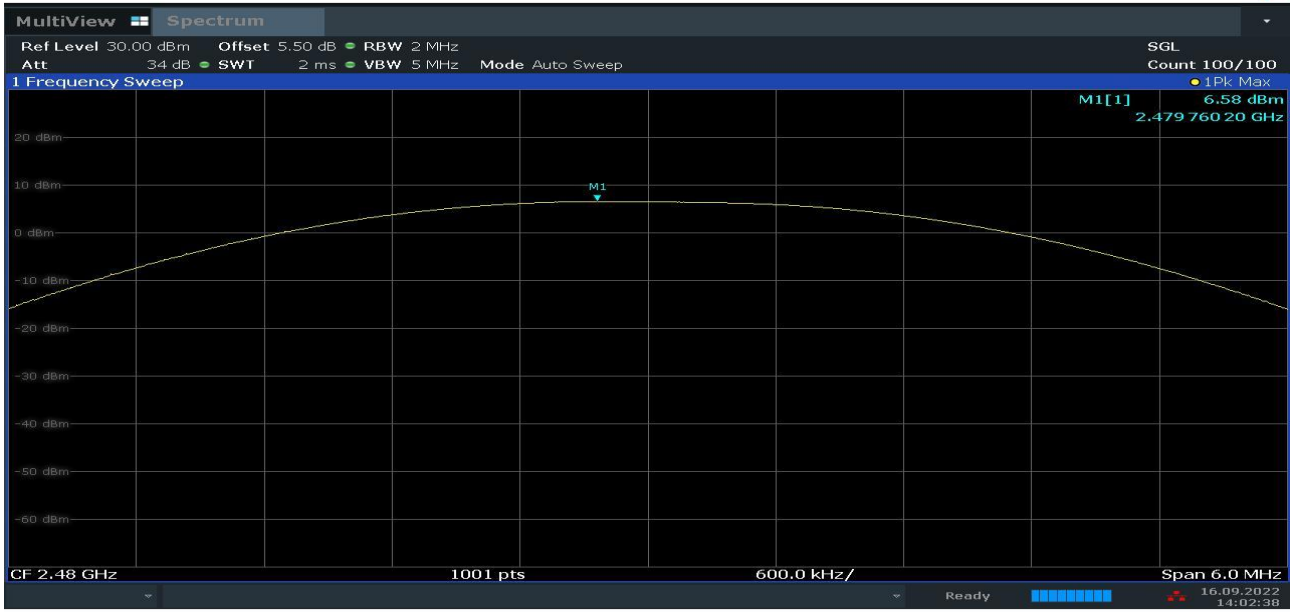
4.1 Test Result

TestMode	Antenna	Channel	Conducted Result[dBm]	Conducted Limit[dBm]	EIRP Result[dBm]	EIRP Result[dBm]	Verdict
BLE_TM1	Ant1	2402	6.34	30	4.84	36	PASS
		2440	5.49	30	3.99	36	PASS
		2480	6.58	30	5.08	36	PASS
BLE_TM2	Ant1	2402	6.08	30	4.58	36	PASS
		2440	6.11	30	4.61	36	PASS
		2480	6.39	30	4.89	36	PASS

4.2 Test Graphs

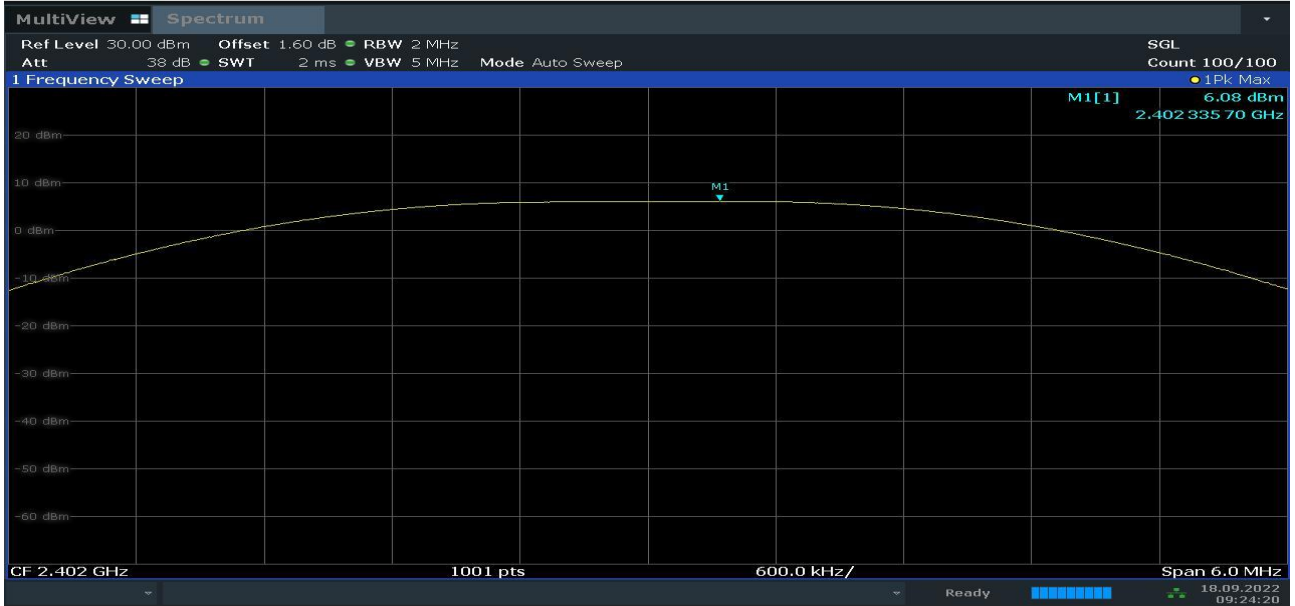


BLE_TM1_Ant1_2480



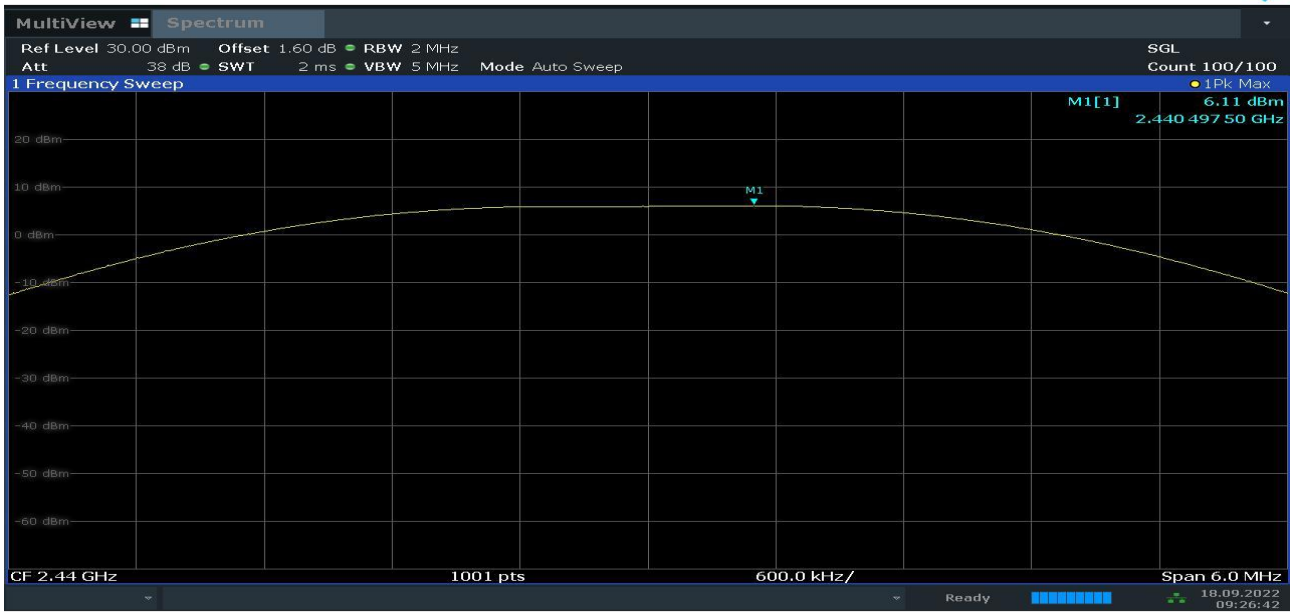
14:02:38 16.09.2022

BLE_TM2_Ant1_2402



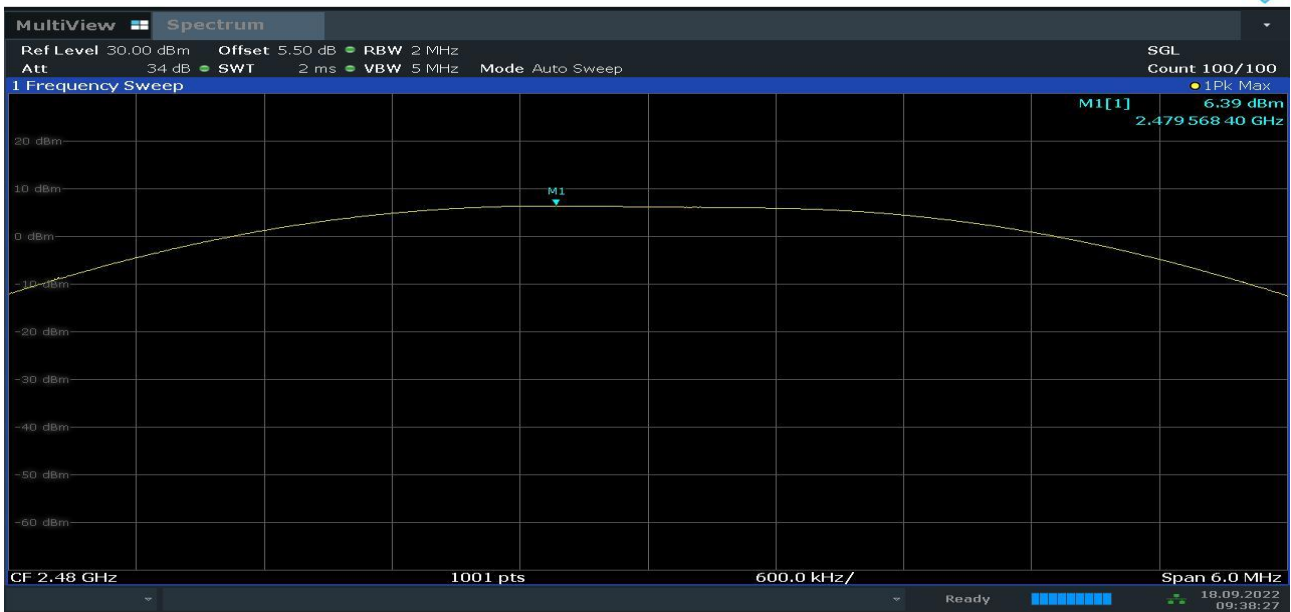
09:24:20 18.09.2022

BLE_TM2_Ant1_2440



09:26:42 18.09.2022

BLE_TM2_Ant1_2480



09:38:27 18.09.2022

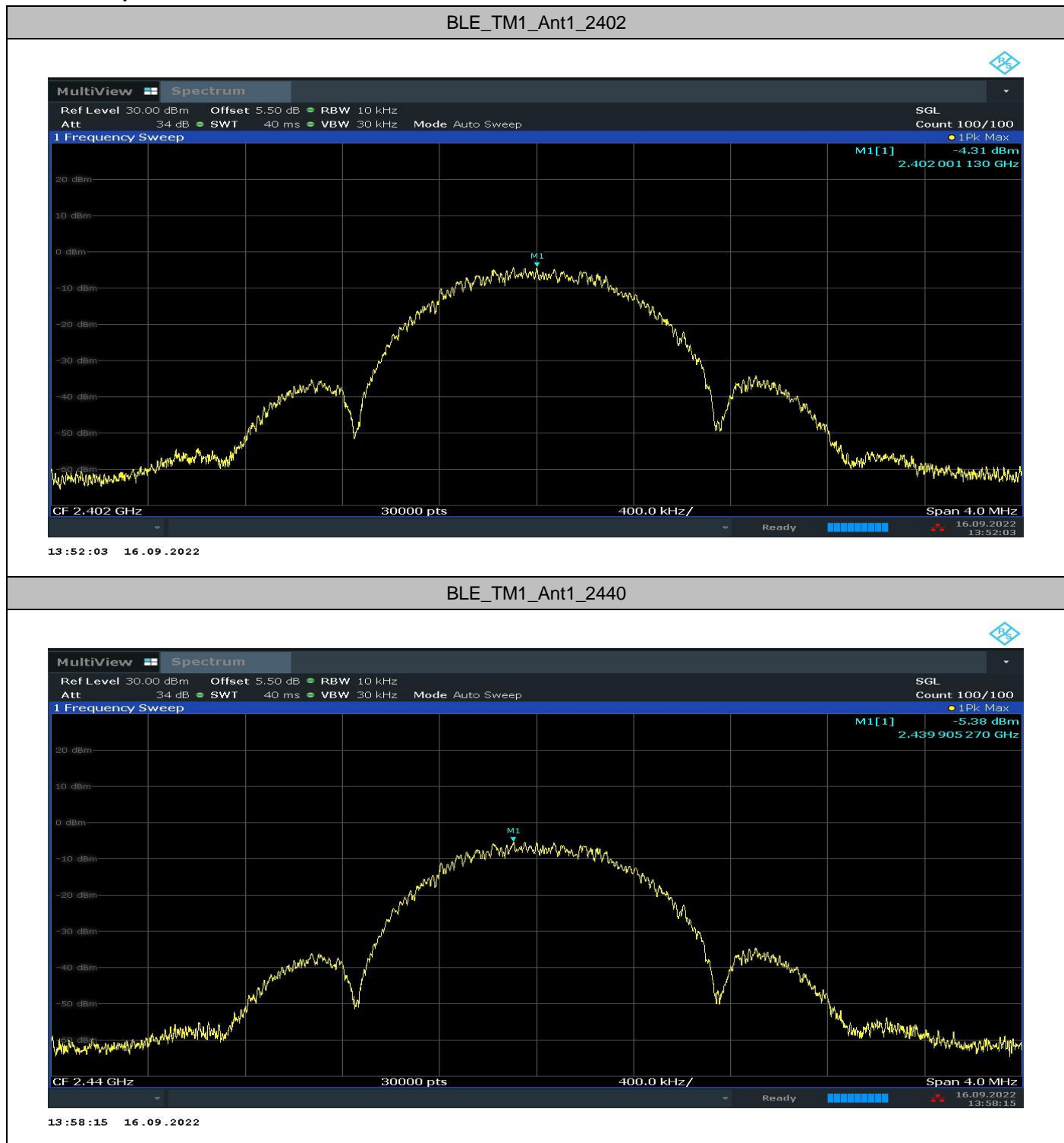
5. Appendix E: Maximum power spectral density

5.1 Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Limit[dBm/3kHz]	Verdict
BLE_TM1	Ant1	2402	-4.31	<=8	PASS
		2440	-5.38	<=8	PASS
		2480	-4.15	<=8	PASS
BLE_TM2	Ant1	2402	-7.48	<=8	PASS
		2440	-7.64	<=8	PASS
		2480	-7.24	<=8	PASS

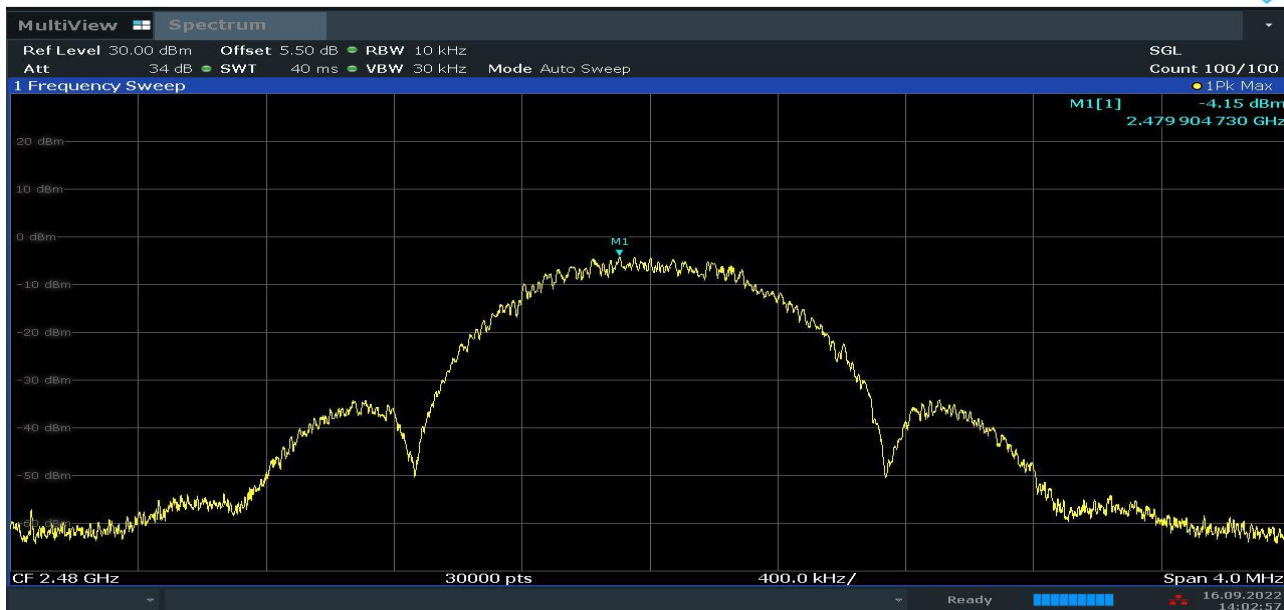


5.2 Test Graphs



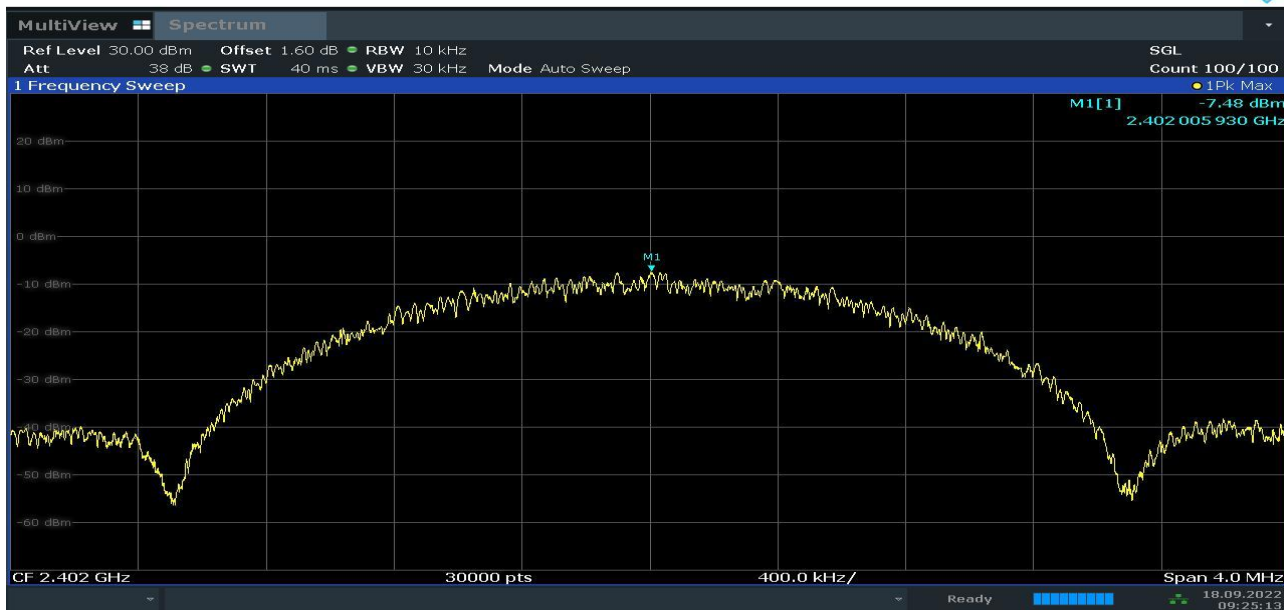


BLE_TM1_Ant1_2480



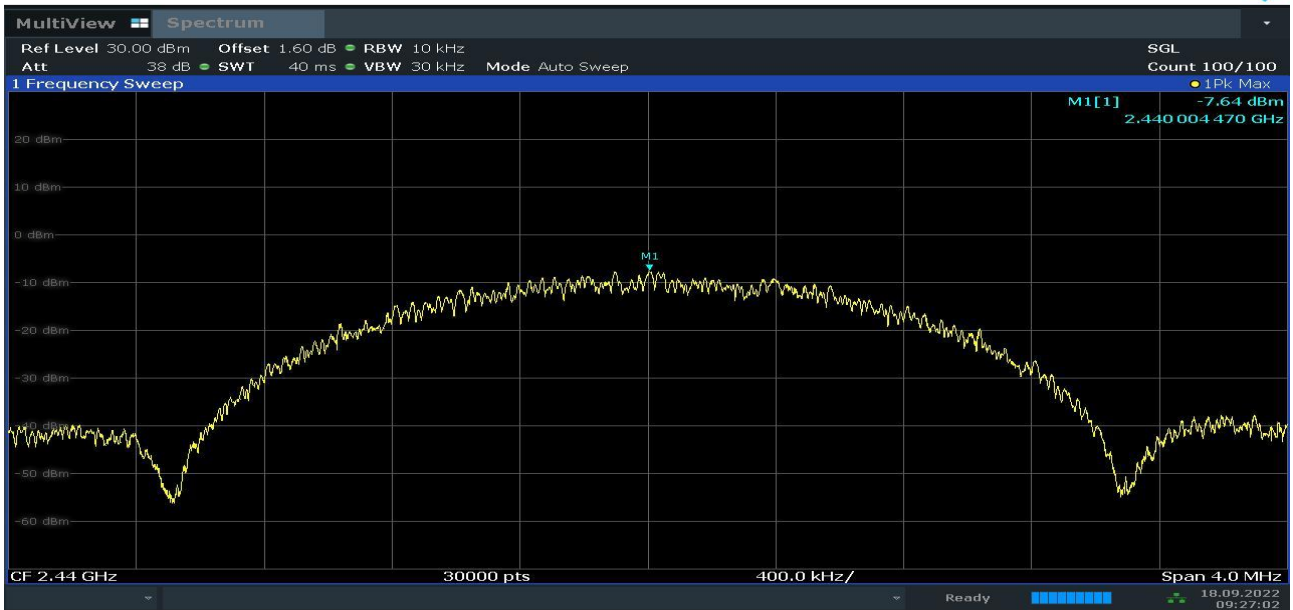
14:02:58 16.09.2022

BLE_TM2_Ant1_2402

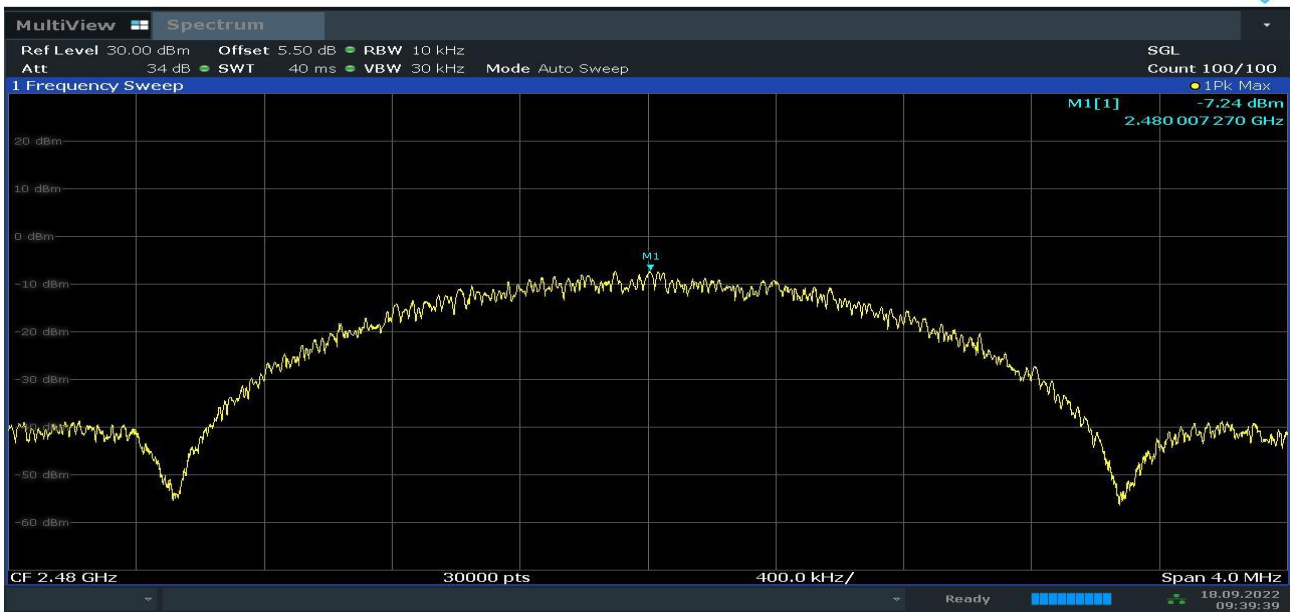


09:25:13 18.09.2022

BLE_TM2_Ant1_2440



BLE_TM2_Ant1_2480

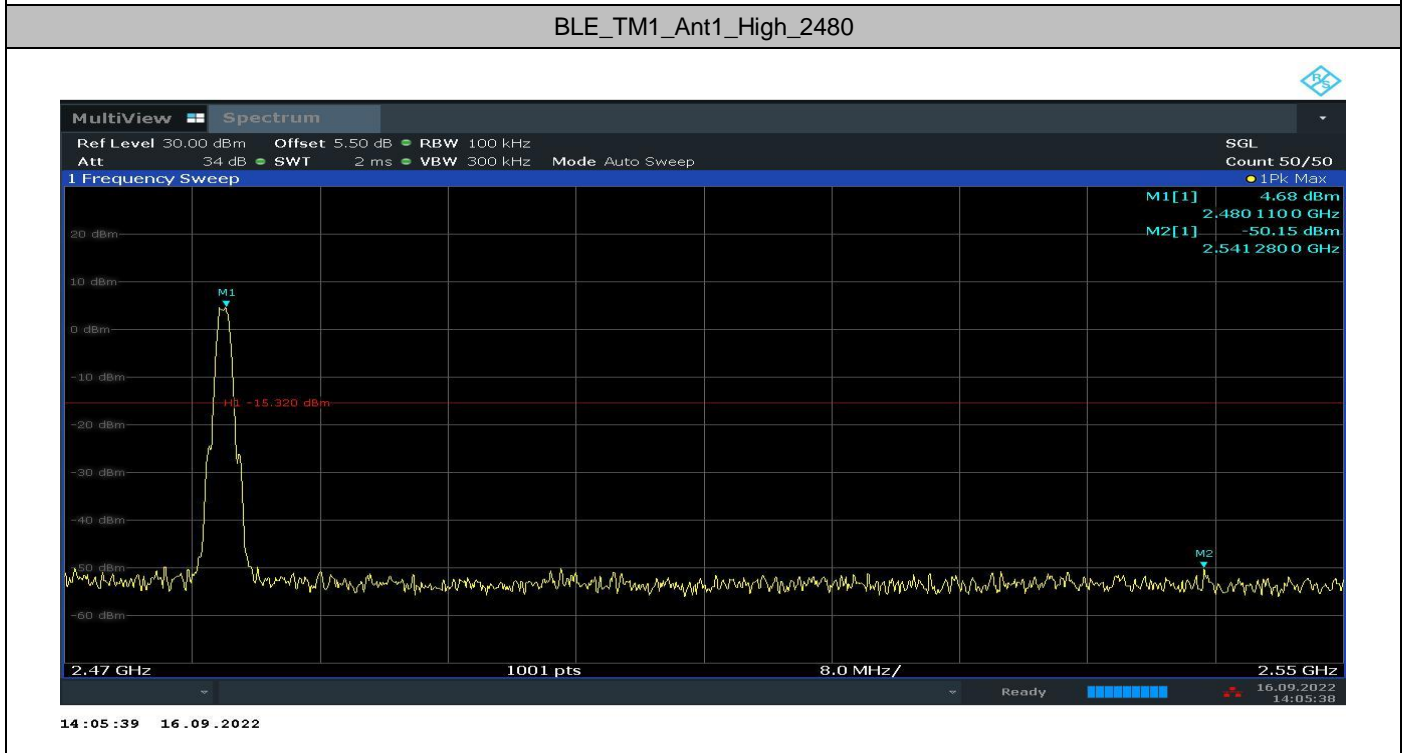
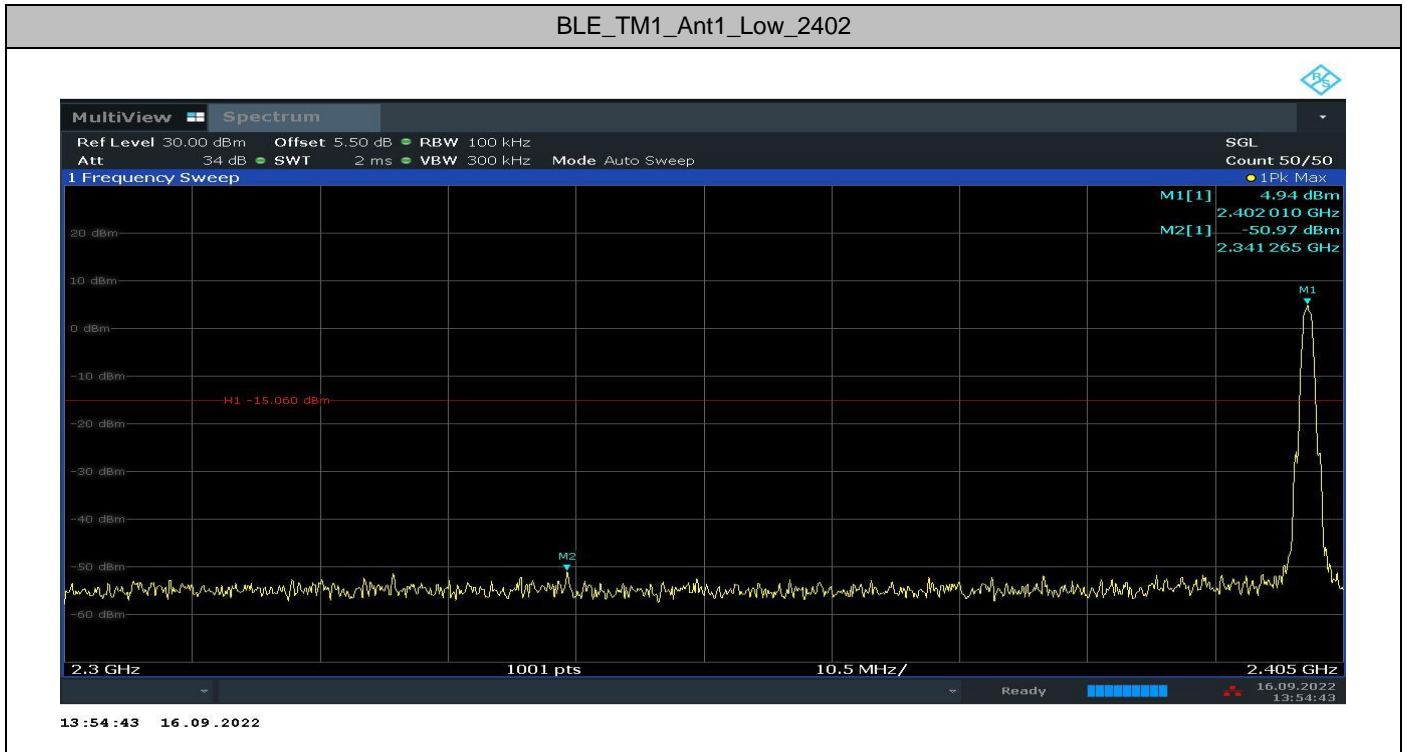


6. Appendix F: Band edge measurements

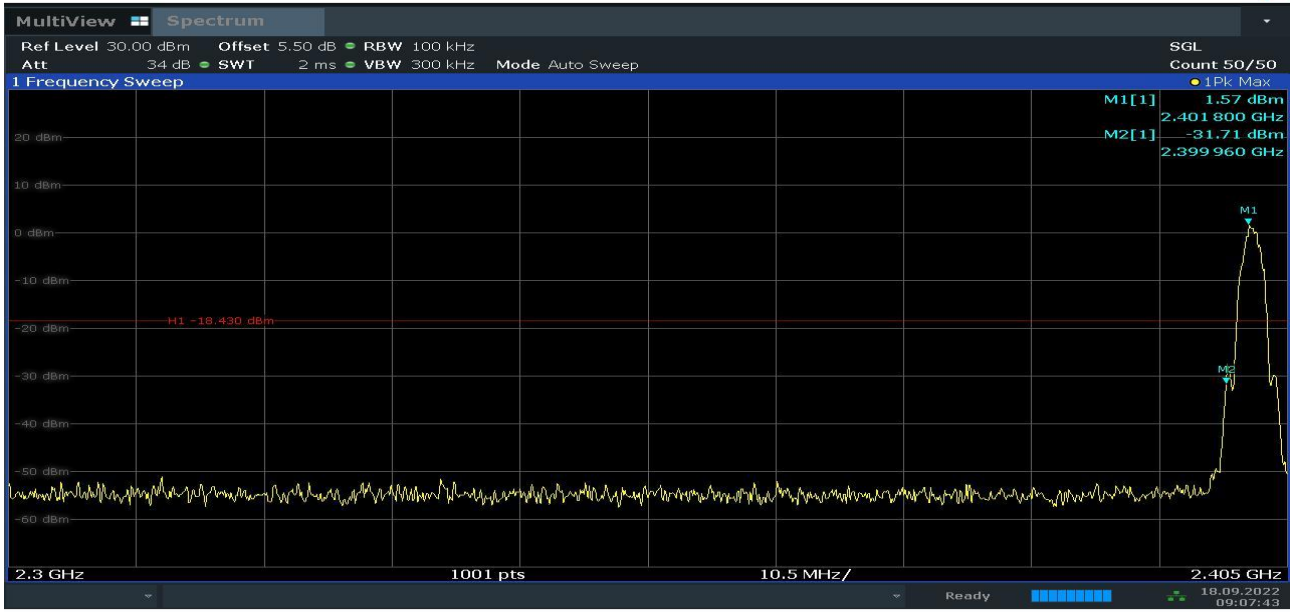
6.1 Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_TM1	Ant1	Low	2402	4.94	-50.969	-15.06	PASS
		High	2480	4.68	-50.148	-15.32	PASS
BLE_TM2	Ant1	Low	2402	1.57	-31.714	-18.43	PASS
		High	2480	4.31	-49.512	-15.69	PASS

6.2 Test Graphs

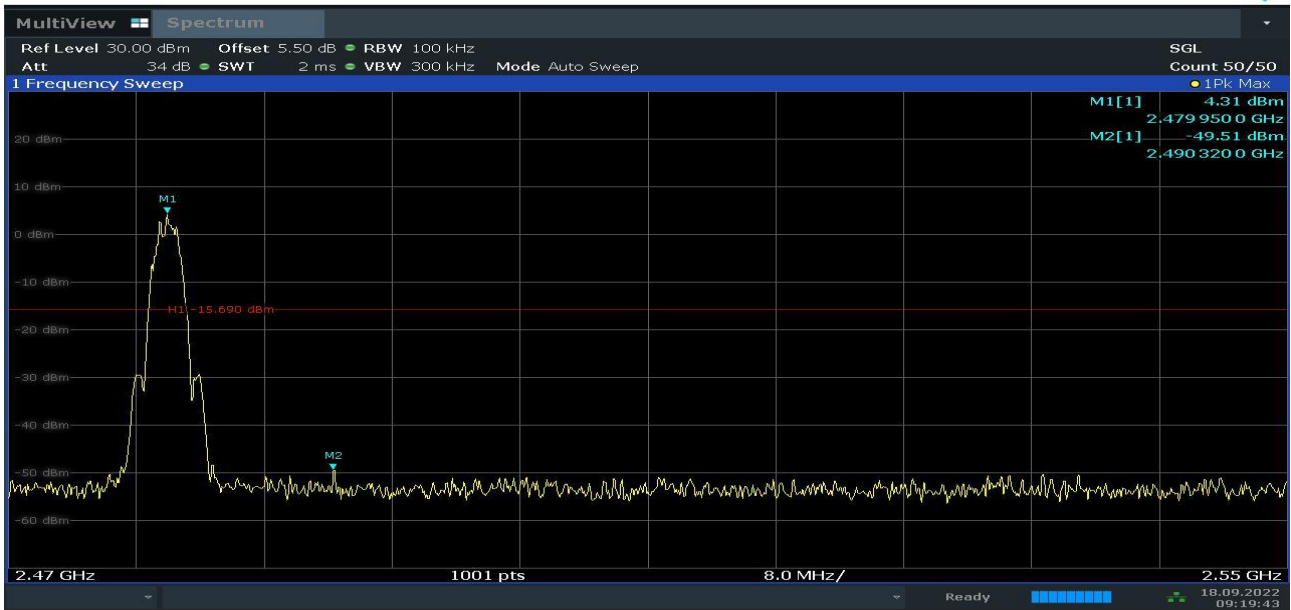


BLE_TM2_Ant1_Low_2402



09:07:44 18.09.2022

BLE_TM2_Ant1_High_2480



09:19:44 18.09.2022