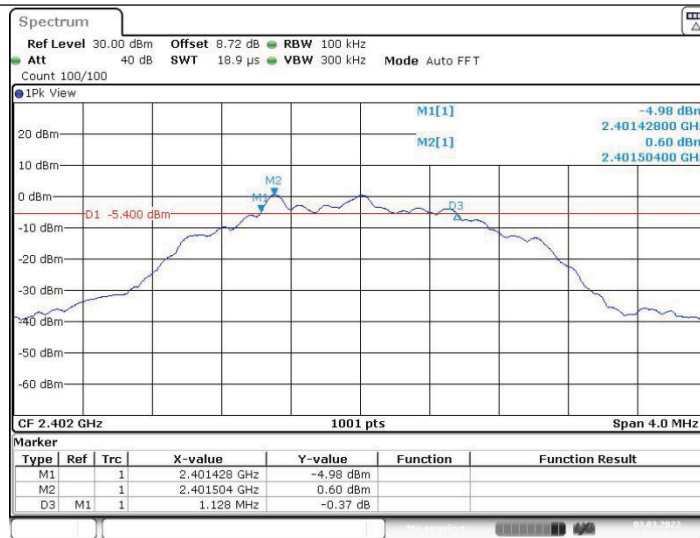
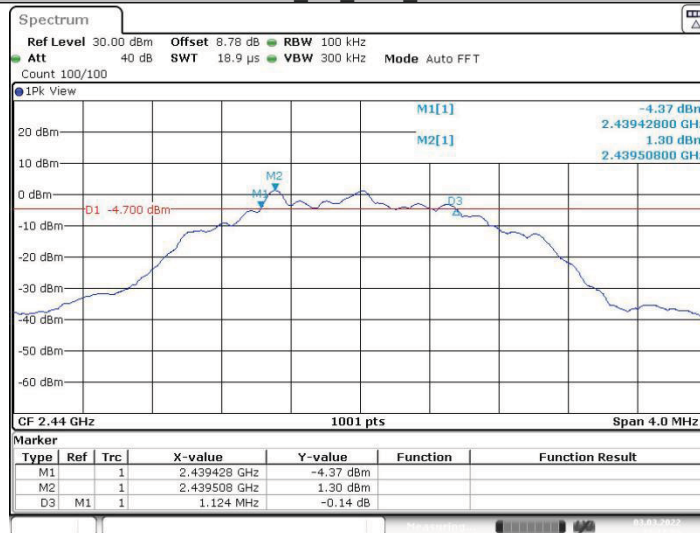




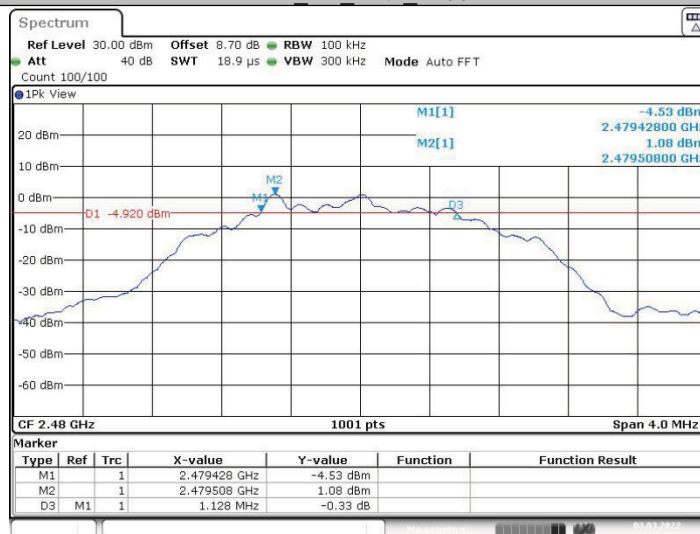
Date: 3.MAR.2022 13:10:18

BLE 2M Ant1_2440



Date: 3.MAR.2022 13:12:03

BLE 2M Ant1_2480



Date: 3.MAR.2022 13:13:13



6.2 CONDUCTED OUTPUT POWER

6.2.1 Test Result

PK

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	19.27	≤30	19.27	≤36	PASS
	Ant2	2412	18.43	≤30	18.43	≤36	PASS
	Ant1	2437	19.51	≤30	19.51	≤36	PASS
	Ant2	2437	18.41	≤30	18.41	≤36	PASS
	Ant1	2462	19.36	≤30	19.36	≤36	PASS
	Ant2	2462	18.70	≤30	18.70	≤36	PASS
11G	Ant1	2412	16.92	≤30	16.92	≤36	PASS
	Ant2	2412	18.87	≤30	18.87	≤36	PASS
	Ant1	2437	17.20	≤30	17.20	≤36	PASS
	Ant2	2437	18.50	≤30	18.50	≤36	PASS
	Ant1	2462	17.19	≤30	17.19	≤36	PASS
	Ant2	2462	17.31	≤30	17.31	≤36	PASS
11N20MIMO	Ant1	2412	17.80	≤30	17.80	≤36	PASS
	Ant2	2412	17.23	≤30	17.23	≤36	PASS
	total	2412	19.4	≤30	19.36	≤36	PASS
	Ant1	2437	17.70	≤30	17.70	≤36	PASS
	Ant2	2437	17.91	≤30	17.91	≤36	PASS
	total	2437	19.8	≤30	19.84	≤36	PASS
	Ant1	2462	17.63	≤30	17.63	≤36	PASS
	Ant2	2462	16.92	≤30	16.92	≤36	PASS
	total	2462	19.4	≤30	19.36	≤36	PASS
11N40MIMO	Ant1	2422	16.40	≤30	16.40	≤36	PASS
	Ant2	2422	17.63	≤30	17.63	≤36	PASS
	total	2422	19.2	≤30	19.19	≤36	PASS
	Ant1	2437	16.89	≤30	16.89	≤36	PASS
	Ant2	2437	18.97	≤30	18.97	≤36	PASS
	total	2437	20.2	≤30	20.22	≤36	PASS
	Ant1	2452	15.87	≤30	15.87	≤36	PASS
	Ant2	2452	16.41	≤30	16.41	≤36	PASS
	total	2452	18.5	≤30	18.45	≤36	PASS

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.33	≤30	1.33	≤36	PASS
		2440	2.02	≤30	2.02	≤36	PASS
		2480	1.87	≤30	1.87	≤36	PASS
BLE_2M	Ant1	2402	1.17	≤30	1.17	≤36	PASS
		2440	1.9	≤30	1.9	≤36	PASS
		2480	1.65	≤30	1.65	≤36	PASS



6.3 POWER SPECTRAL DENSITY MEASUREMENT

6.3.1 Test Result

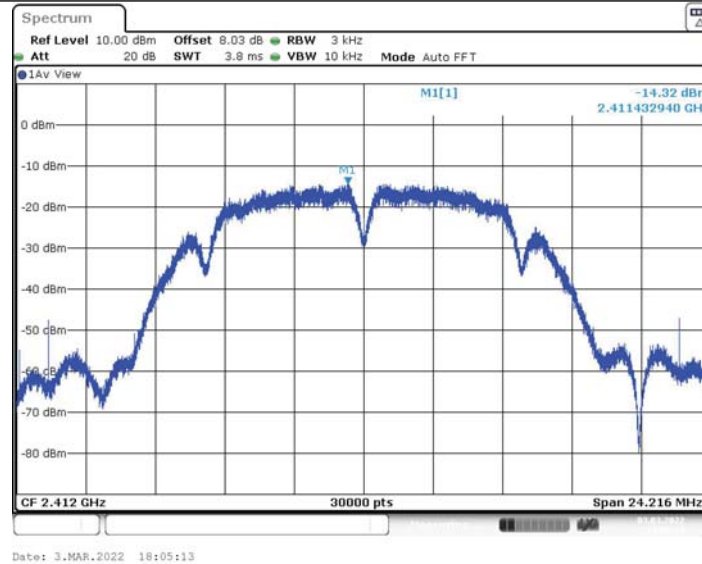
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.32	≤8	PASS
	Ant2	2412	-13.91	≤8	PASS
	Ant1	2437	-13.6	≤8	PASS
	Ant2	2437	-14.45	≤8	PASS
	Ant1	2462	-13.62	≤8	PASS
	Ant2	2462	-13.24	≤8	PASS
11G	Ant1	2412	-18.4	≤8	PASS
	Ant2	2412	-17.3	≤8	PASS
	Ant1	2437	-18.1	≤8	PASS
	Ant2	2437	-15.86	≤8	PASS
	Ant1	2462	-17.84	≤8	PASS
	Ant2	2462	-16.62	≤8	PASS
11N20MIMO	Ant1	2412	-17.71	≤8	PASS
	Ant2	2412	-17.52	≤8	PASS
	total	2412	-14.60	≤8	PASS
	Ant1	2437	-17.25	≤8	PASS
	Ant2	2437	-15.13	≤8	PASS
	total	2437	-13.05	≤8	PASS
	Ant1	2462	-17.3	≤8	PASS
	Ant2	2462	-17.33	≤8	PASS
	total	2462	-14.30	≤8	PASS
11N40MIMO	Ant1	2422	-18.46	≤8	PASS
	Ant2	2422	-17.43	≤8	PASS
	total	2422	-14.90	≤8	PASS
	Ant1	2437	-18.49	≤8	PASS
	Ant2	2437	-15.71	≤8	PASS
	total	2437	-13.87	≤8	PASS
	Ant1	2452	-17.94	≤8	PASS
	Ant2	2452	-17.89	≤8	PASS
	total	2452	-14.90	≤8	PASS

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.23	≤8	PASS
		2440	-7.45	≤8	PASS
		2480	-7.78	≤8	PASS
BLE_2M	Ant1	2402	-10.35	≤8	PASS
		2440	-9.6	≤8	PASS
		2480	-9.89	≤8	PASS

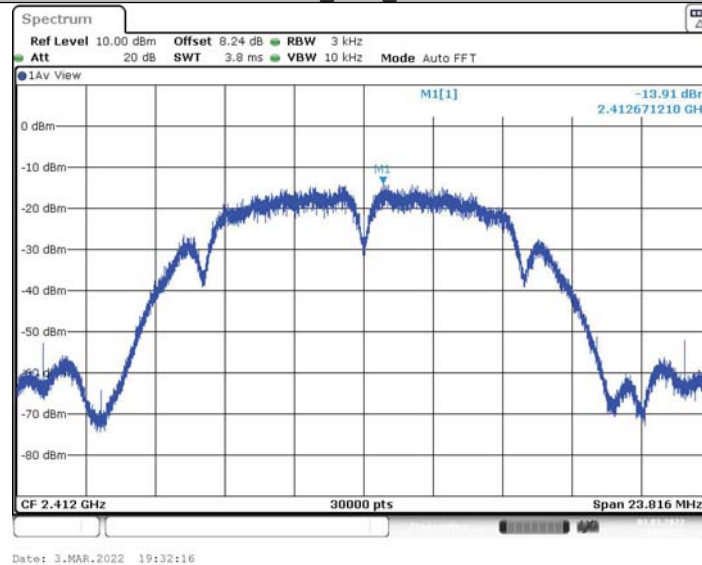


6.3.2 Test Graphs

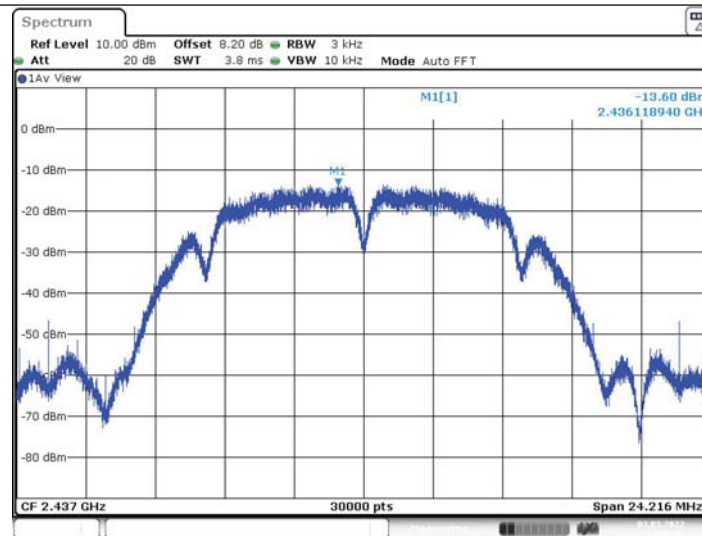
11B_Ant1_2412



11B_Ant2_2412

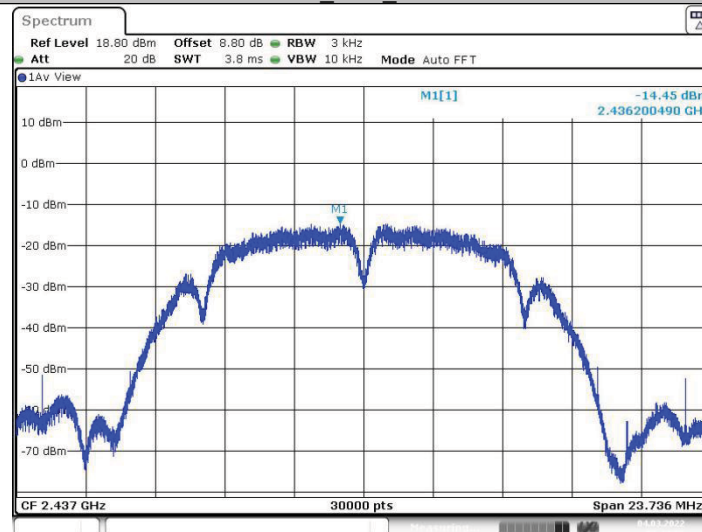


11B_Ant1_2437



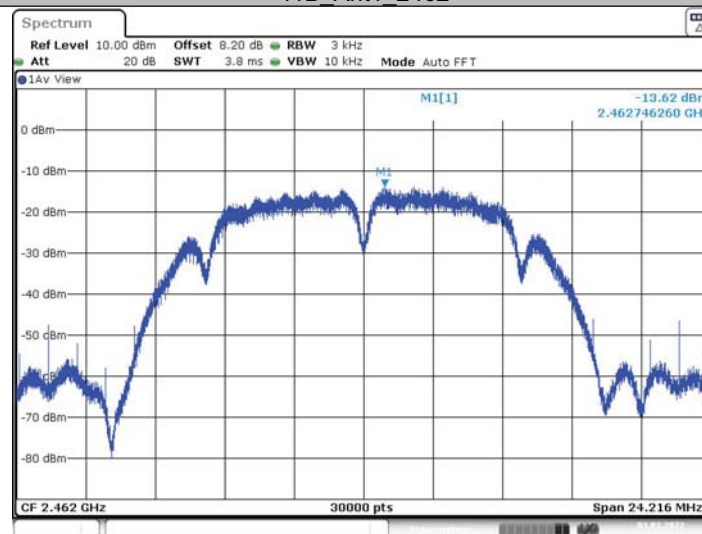
Date: 3.MAR.2022 18:07:31

11B_Ant2_2437



Date: 4.MAR.2022 09:34:00

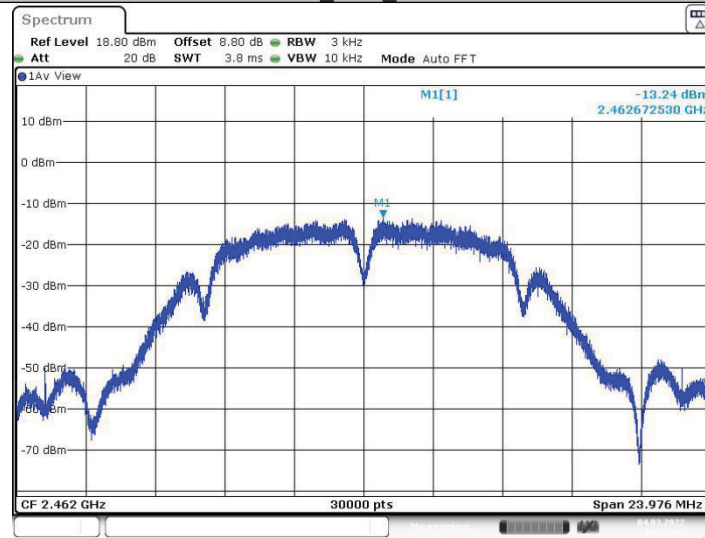
11B_Ant1_2462



Date: 3.MAR.2022 18:10:33

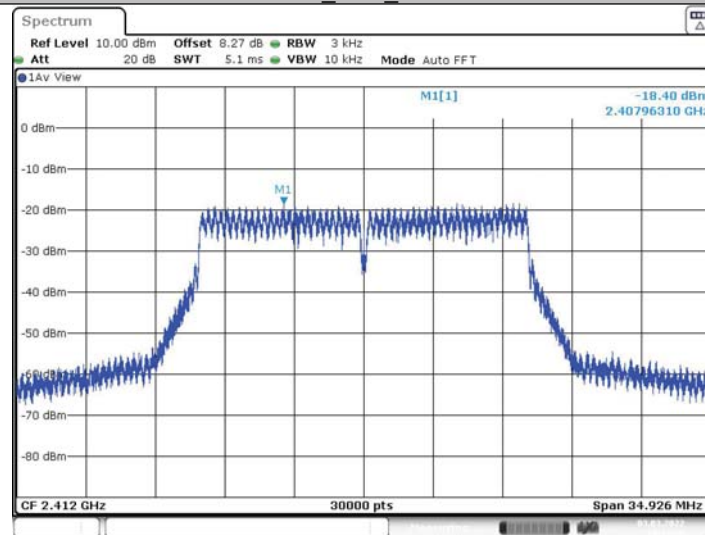


11B_Ant2_2462



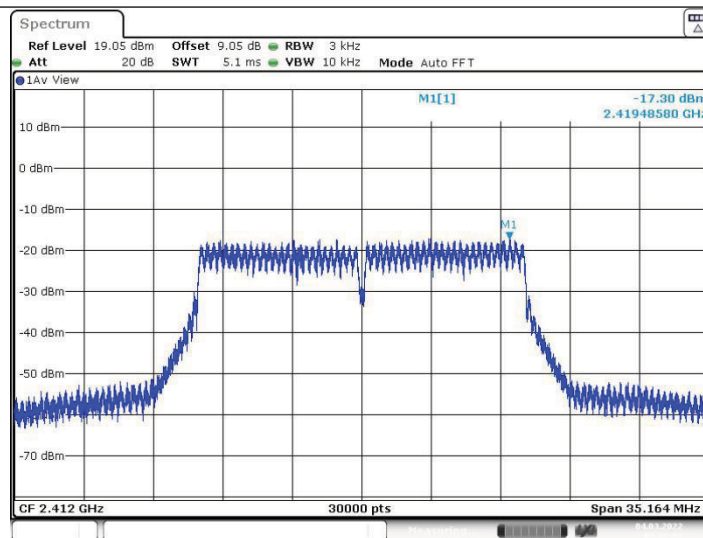
Date: 4.MAR.2022 09:35:33

11G_Ant1_2412



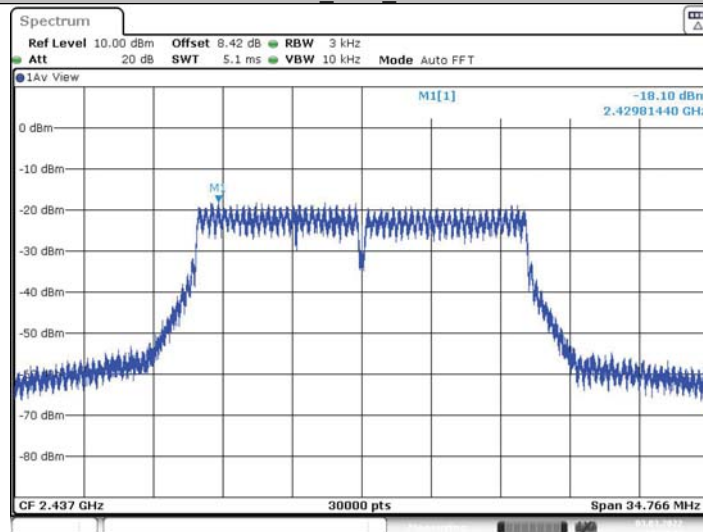
Date: 3.MAR.2022 18:13:29

11G_Ant2_2412



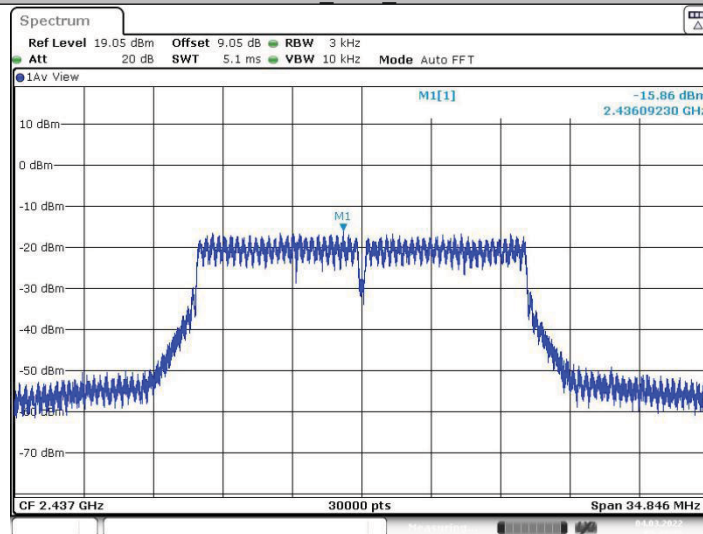
Date: 4.MAR.2022 09:37:09

11G_Ant1_2437



Date: 3.MAR.2022 19:24:43

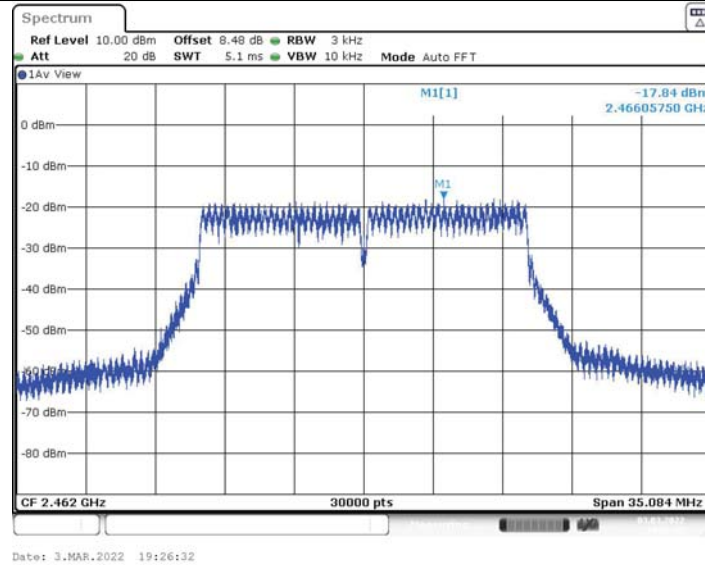
11G_Ant2_2437



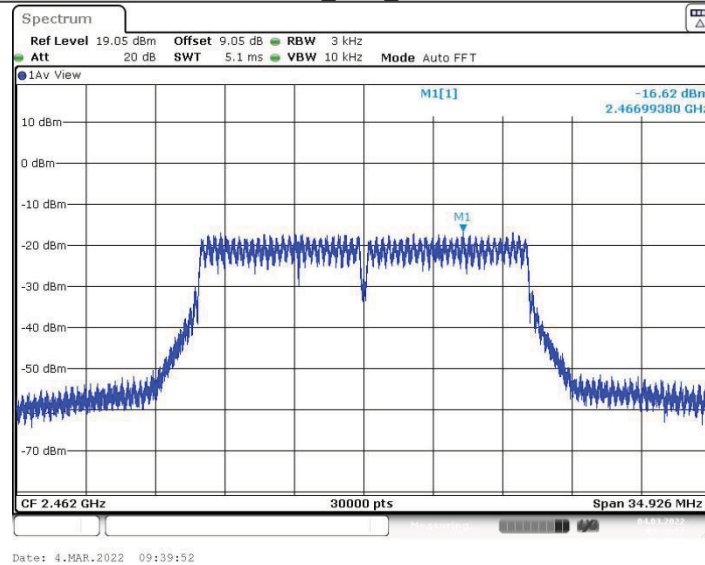
Date: 4.MAR.2022 09:38:39



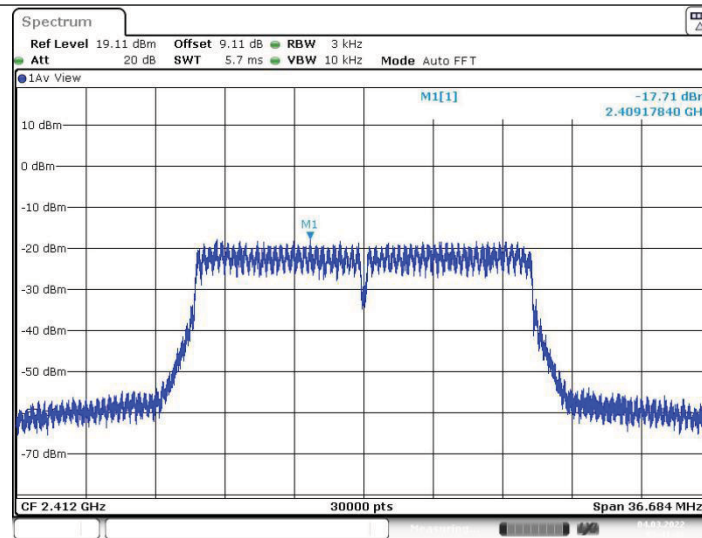
11G_Ant1_2462



11G_Ant2_2462

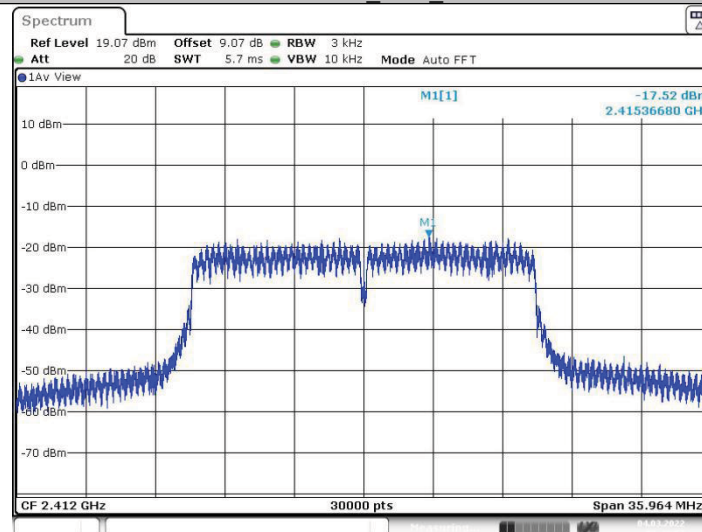


11N20MIMO_Ant1_2412



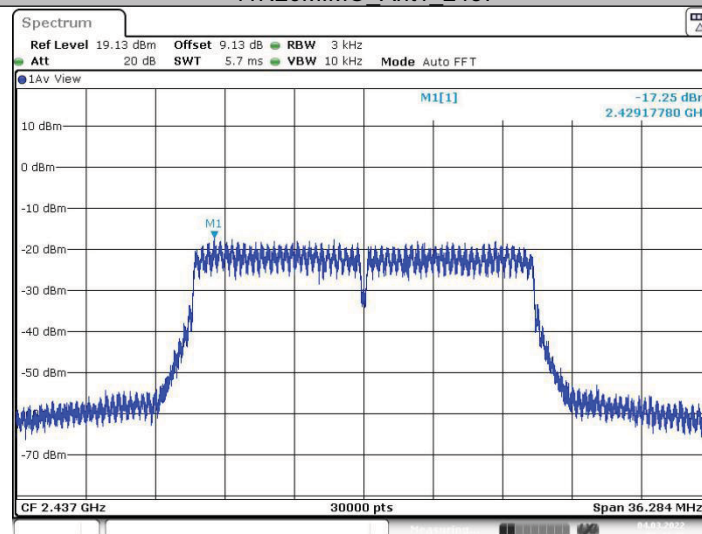
Date: 4.MAR.2022 09:41:44

11N20MIMO_Ant2_2412



Date: 4.MAR.2022 09:43:08

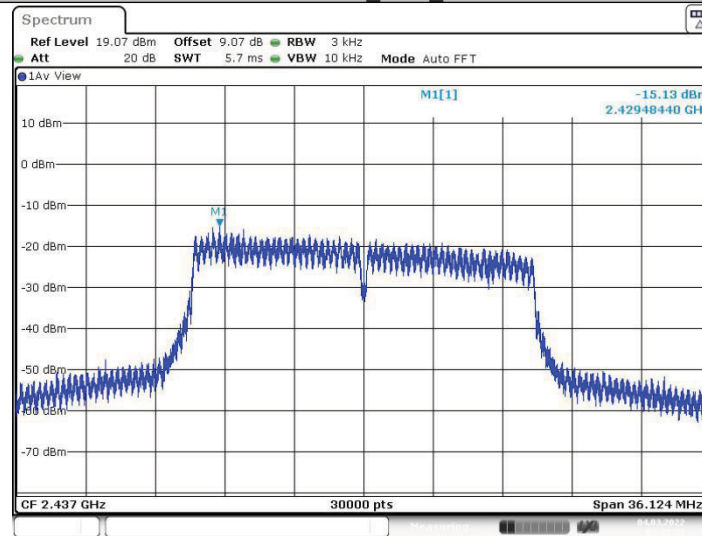
11N20MIMO_Ant1_2437



Date: 4.MAR.2022 09:44:50

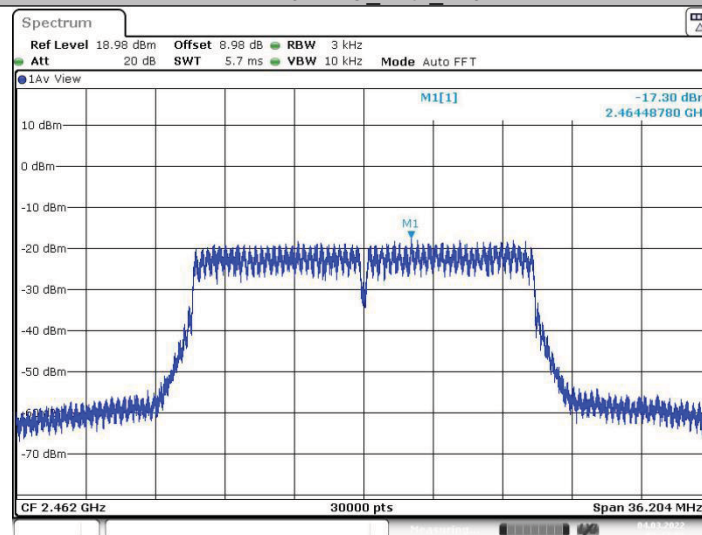


11N20MIMO_Ant2_2437



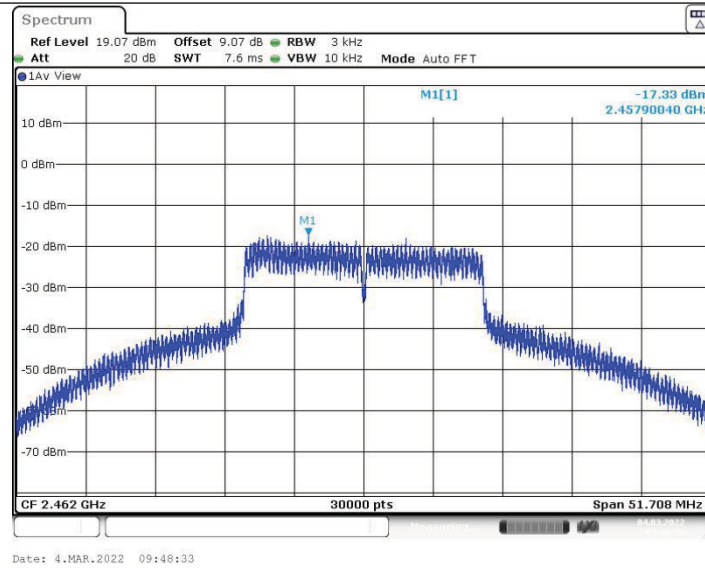
Date: 4.MAR.2022 09:45:57

11N20MIMO_Ant1_2462

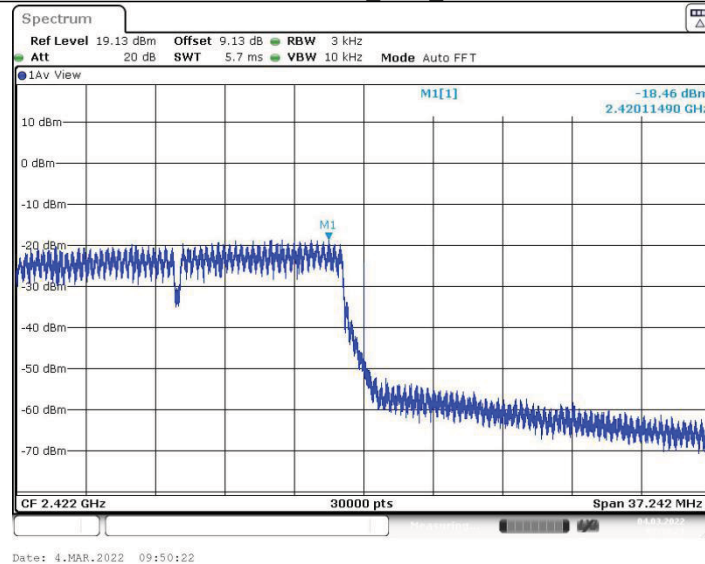


Date: 4.MAR.2022 09:47:10

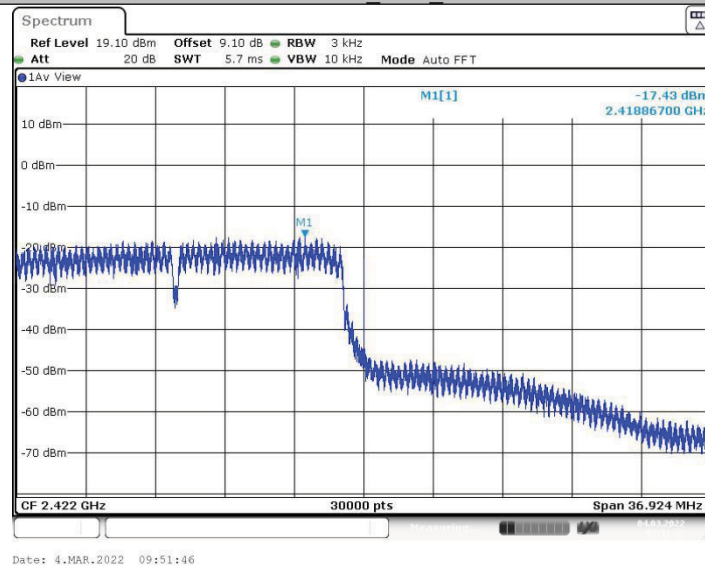
11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422

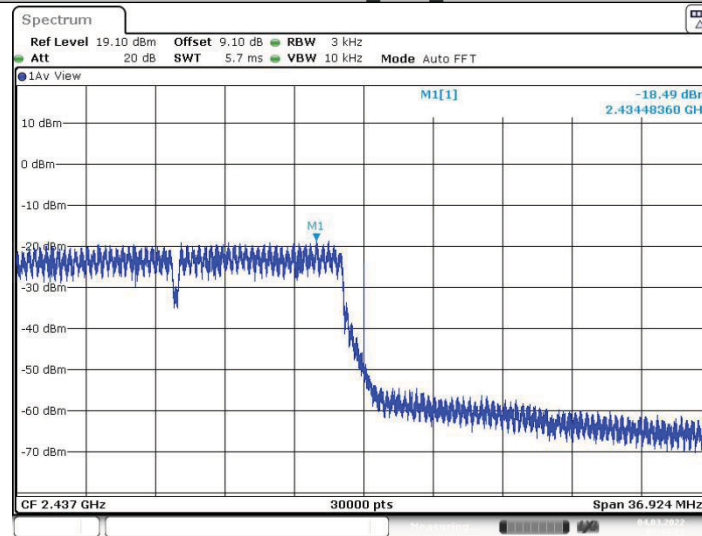


11N40MIMO_Ant2_2422

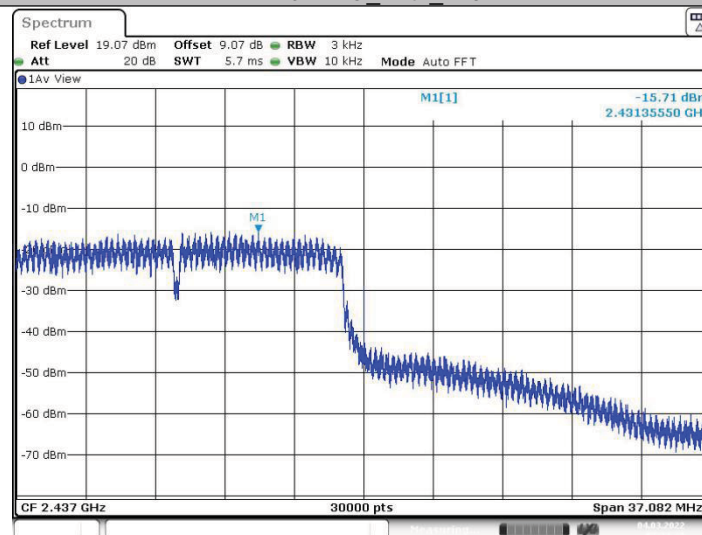




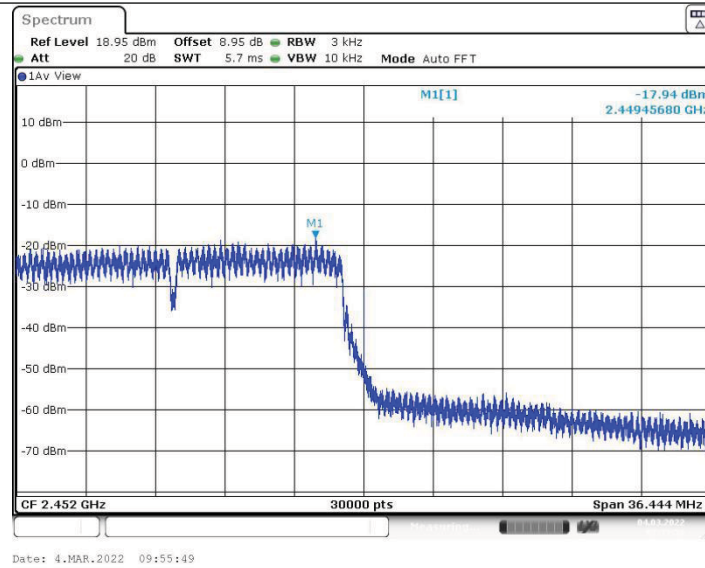
11N40MIMO_Ant1_2437



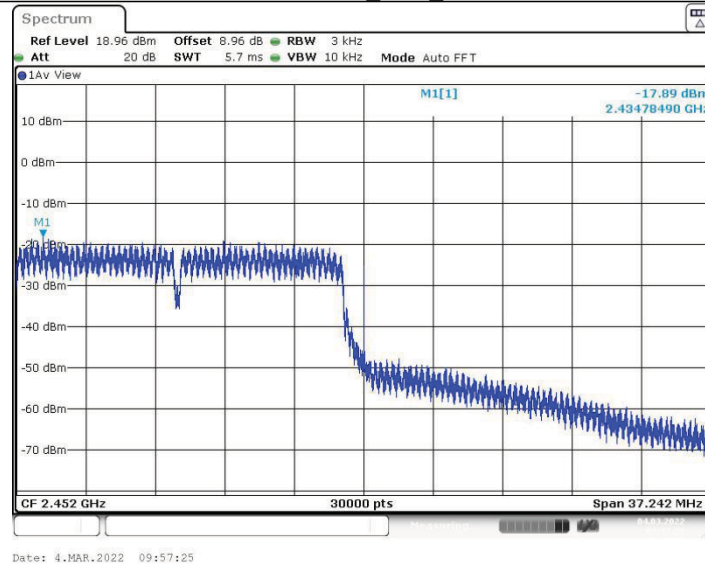
11N40MIMO_Ant2_2437



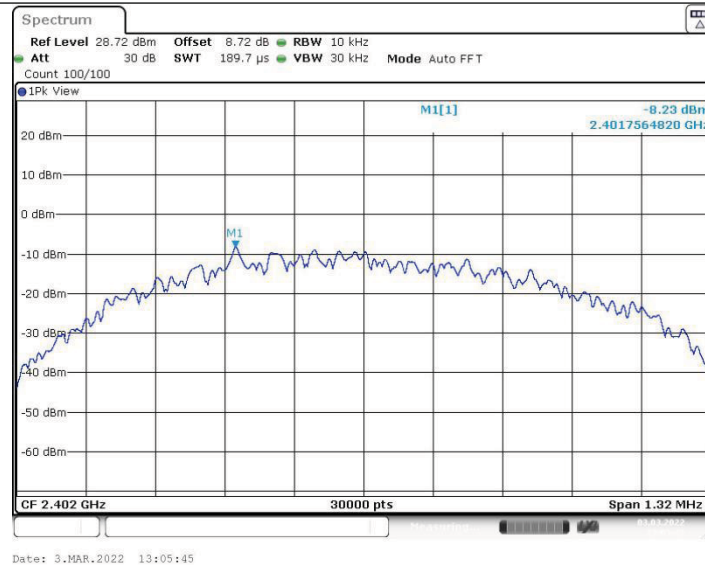
11N40MIMO_Ant1_2452



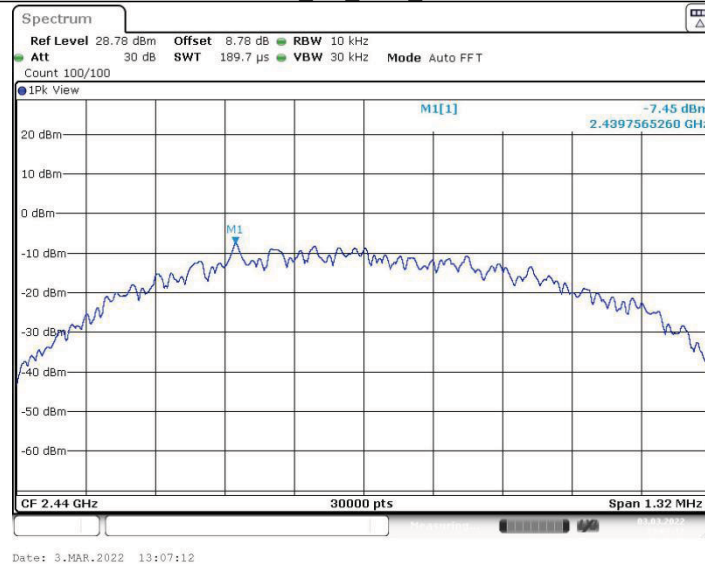
11N40MIMO_Ant2_2452



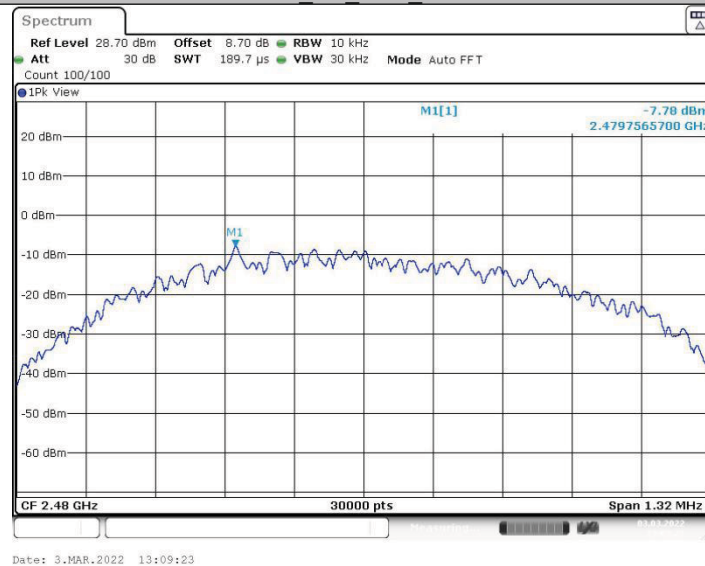
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

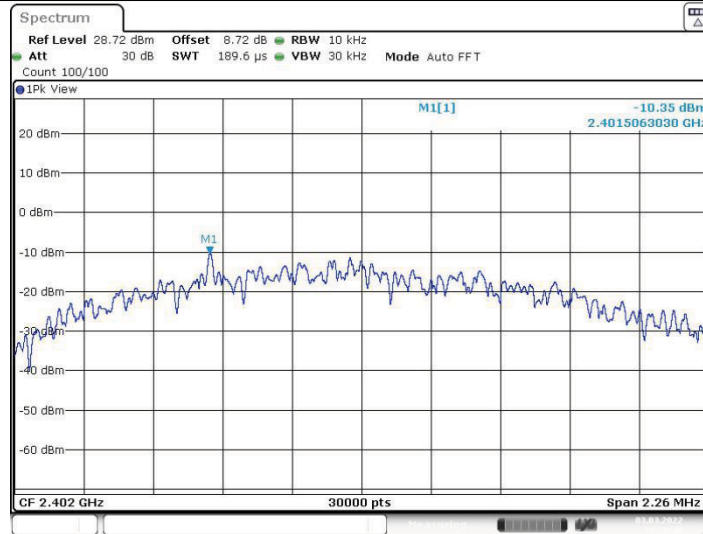


BLE_1M_Ant1_2480



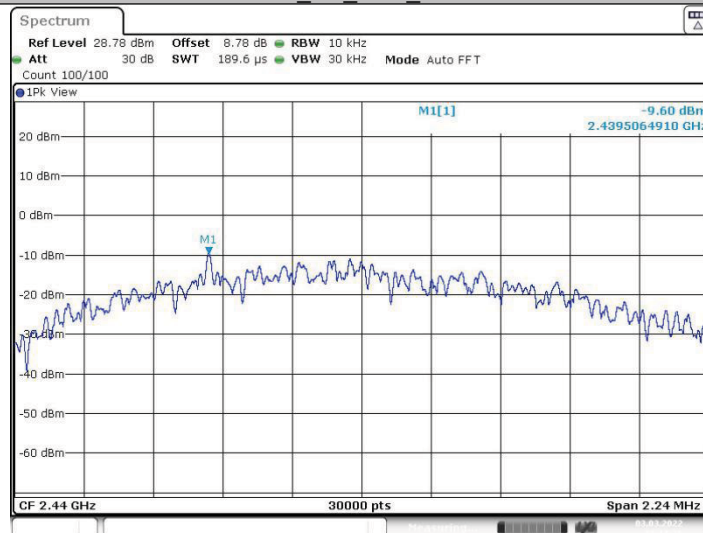


BLE_2M_Ant1_2402



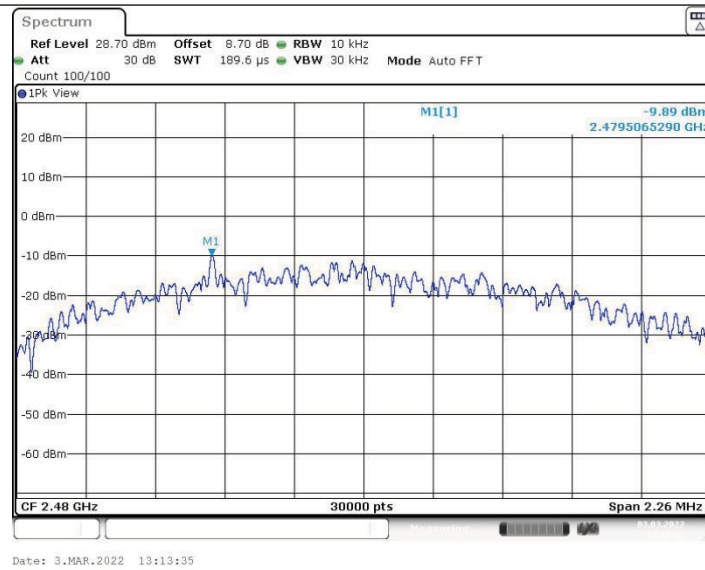
Date: 3.MAR.2022 13:10:40

BLE_2M_Ant1_2440



Date: 3.MAR.2022 13:12:26

BLE_2M_Ant1_2480





6.4 Band edge measurements

6.4.1 Test Result

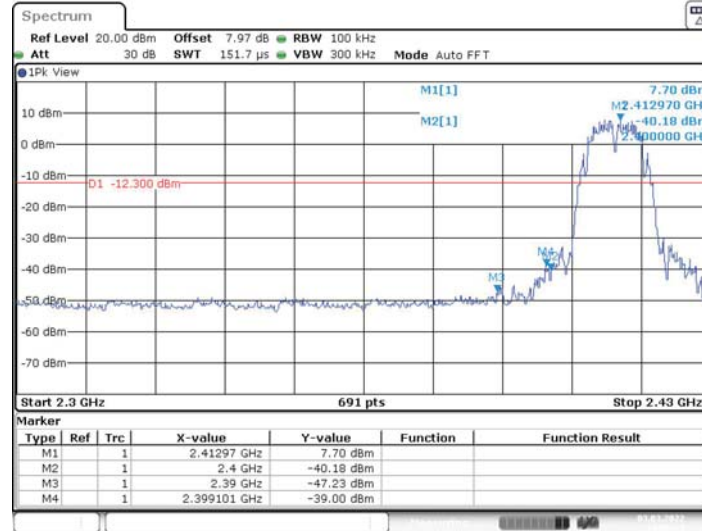
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
	Ant1	High	2462	7.92	-46.27	≤-12.08	PASS
	Ant2	High	2462	8.01	-46.8	≤-11.99	PASS
11G	Ant1	Low	2412	3.36	-24.64	≤-16.64	PASS
	Ant2	Low	2412	4.77	-23.67	≤-15.23	PASS
	Ant1	High	2462	3.50	-35.13	≤-16.5	PASS
	Ant2	High	2462	4.44	-33.68	≤-15.56	PASS
11N20MIMO	Ant1	Low	2412	3.97	-24.64	≤-16.03	PASS
	Ant2	Low	2412	4.00	-25.19	≤-16	PASS
	Ant1	High	2462	3.88	-33.52	≤-16.12	PASS
	Ant2	High	2462	3.42	-26.28	≤-16.58	PASS
11N40MIMO	Ant1	Low	2422	3.73	-27.77	≤-16.27	PASS
	Ant2	Low	2422	4.38	-25.94	≤-15.62	PASS
	Ant1	High	2452	2.88	-42.53	≤-17.12	PASS
	Ant2	High	2452	2.19	-43.94	≤-17.81	PASS

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.02	-48.73	≤-18.98	PASS
		High	2480	1.49	-47.55	≤-18.51	PASS
BLE_2M	Ant1	Low	2402	0.68	-44.41	≤-19.32	PASS
		High	2480	1.11	-48.06	≤-18.89	PASS

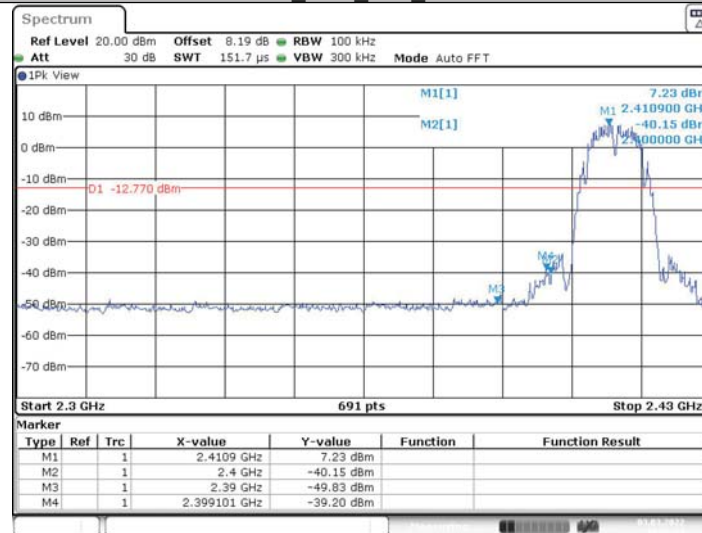


6.4.2 Test Graphs

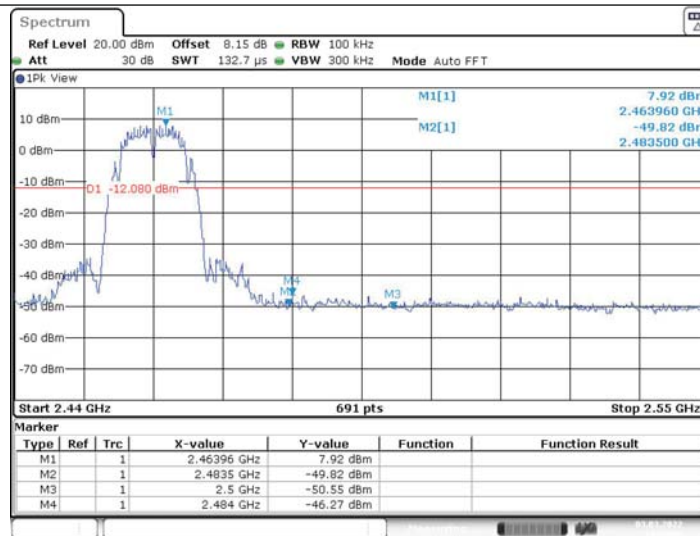
11B_Ant1_Low_2412



11B_Ant2_Low_2412

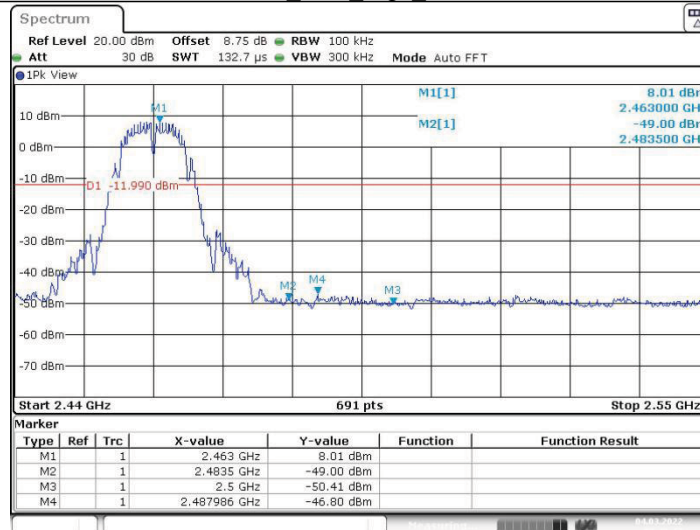


11B_Ant1_High_2462



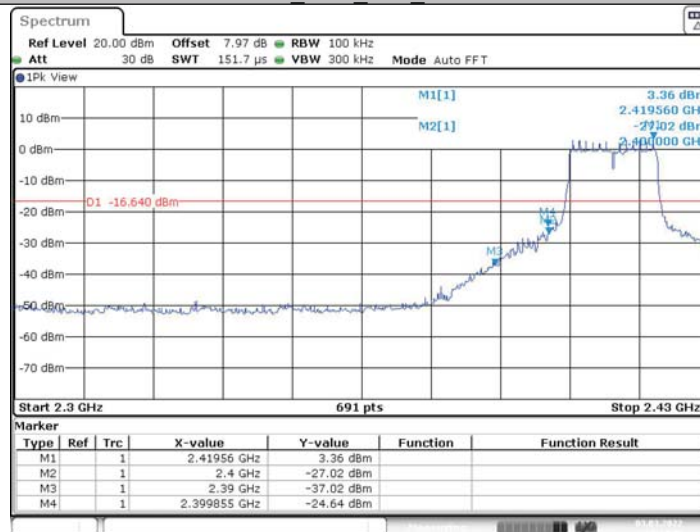
Date: 3.MAR.2022 18:10:50

11B Ant2 High 2462



Date: 4.MAR.2022 09:35:47

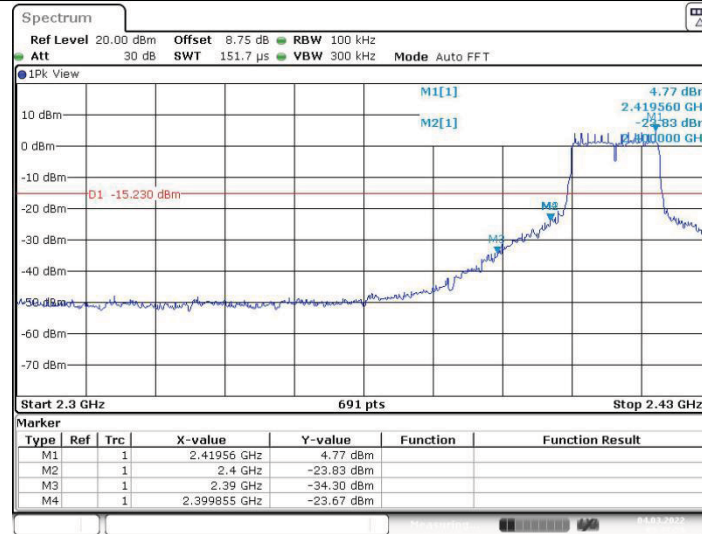
11G Ant1 Low 2412



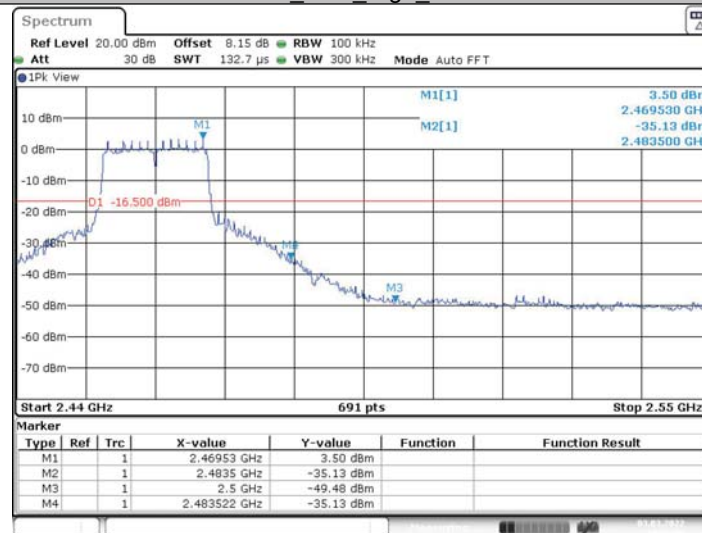
Date: 3.MAR.2022 18:13:46



11G_Ant2_Low_2412



11G_Ant1_High_2462



11G_Ant2_High_2462