

RF Test Data for 2.4G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	MINI projector
Test Model:	P10
Sample ID:	202204-0018_01-02#
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	AC 120V
Test Engineer:	Huangjianping
Note: For a more detailed features description, please refer to the report TBR-C-202204-0018-22	

Contents

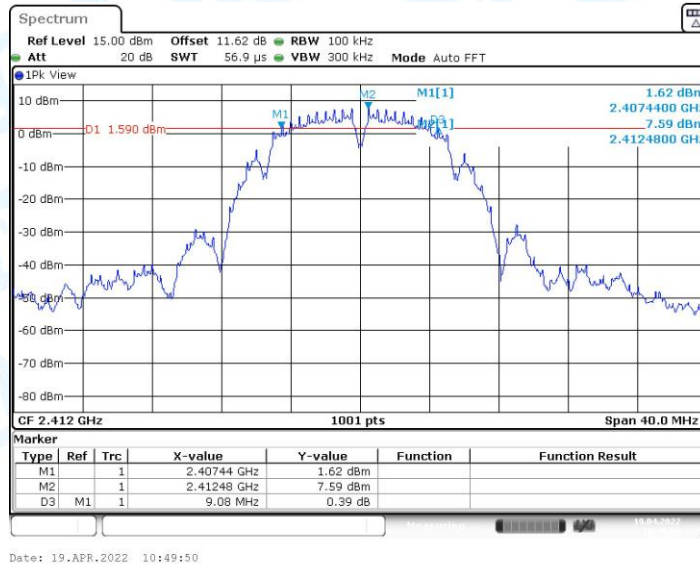
1. DTS Bandwidth.....	3
1.1. Test Result.....	3
1.2. Test Graphs.....	4
2. Occupied Channel Bandwidth.....	8
2.1. Test Result.....	8
2.2. Test Graphs.....	9
3. Maximum conducted output power.....	13
3.1. Test Result.....	13
3.2. Test Graphs.....	14
4. Maximum power spectral density.....	18
4.1. Test Result.....	18
4.2. Test Graphs.....	19
5. Band edge measurements.....	23
5.1. Test Result.....	23
5.2. Test Graphs.....	24
6. Conducted Spurious Emission.....	27
6.1. Test Result.....	27
6.2. Test Graphs.....	28
7. Duty Cycle.....	40
7.1. Test Result.....	40
7.2. Test Graphs.....	41
8. Emissions in Restricted Bands.....	45
8.1. Test Result.....	45
8.2. Test Graphs.....	47

1. DTS Bandwidth

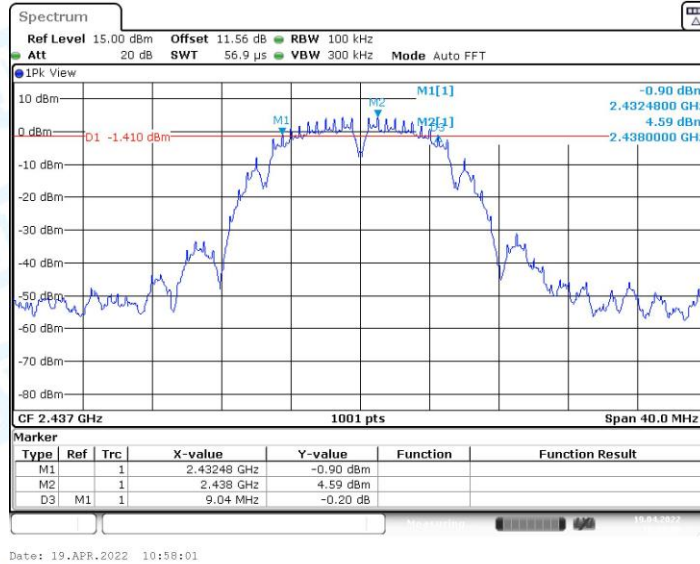
1.1. Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.08	2407.44	2416.52	0.5	PASS
		2437	9.04	2432.48	2441.52	0.5	PASS
		2462	9.04	2457.48	2466.52	0.5	PASS
11G	Ant1	2412	16.08	2404.08	2420.16	0.5	PASS
		2437	16.32	2428.84	2445.16	0.5	PASS
		2462	16.32	2453.84	2470.16	0.5	PASS
11N20SISO	Ant1	2412	16.96	2403.64	2420.60	0.5	PASS
		2437	17.24	2428.36	2445.60	0.5	PASS
		2462	16.88	2453.64	2470.52	0.5	PASS
11N40SISO	Ant1	2422	35.84	2404.08	2439.92	0.5	PASS
		2437	35.60	2419.32	2454.92	0.5	PASS
		2452	35.52	2434.08	2469.60	0.5	PASS

1.2. Test Graphs



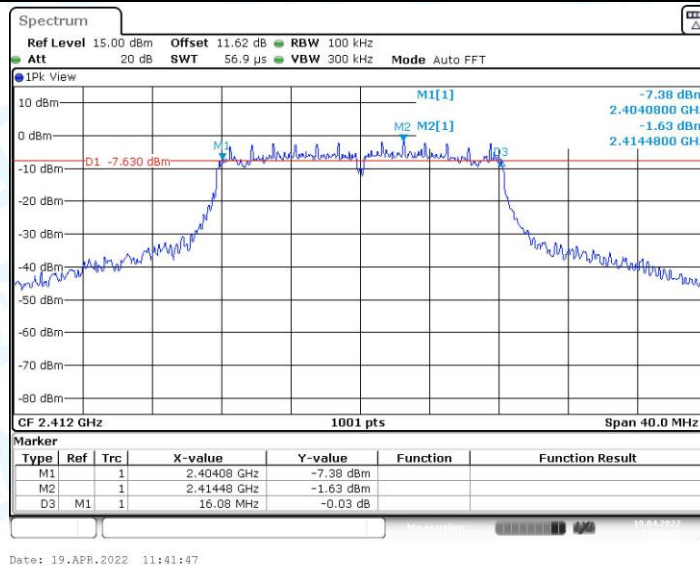
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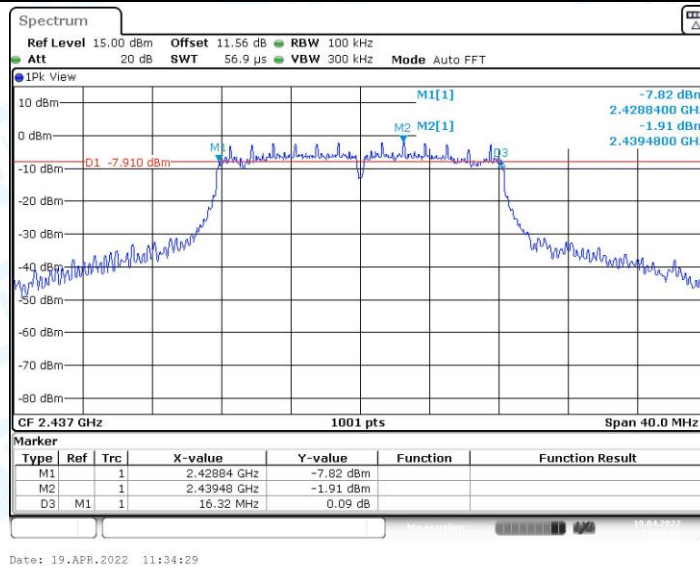
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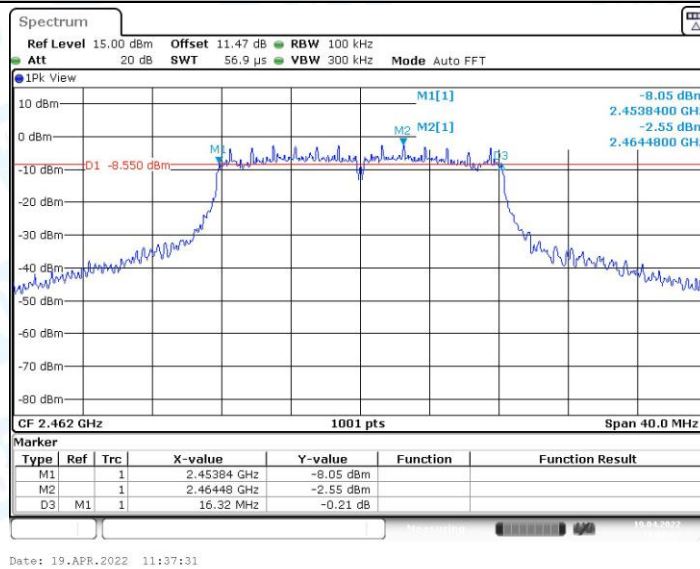
11B_Ant1_2462



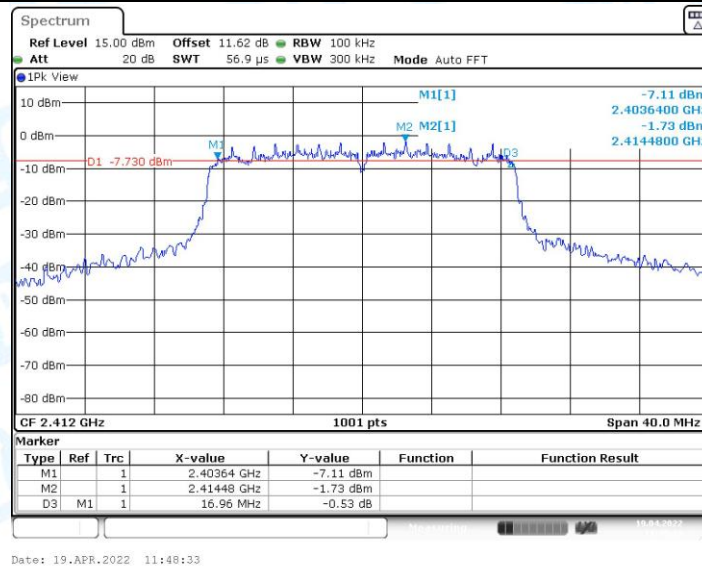
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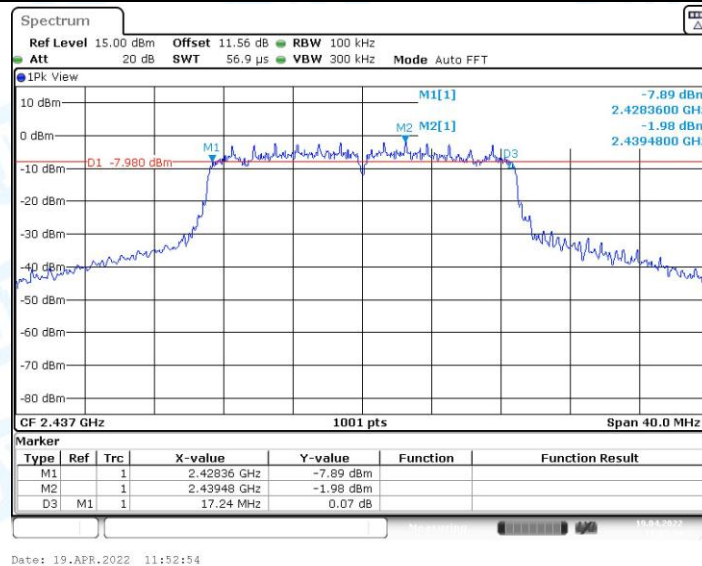
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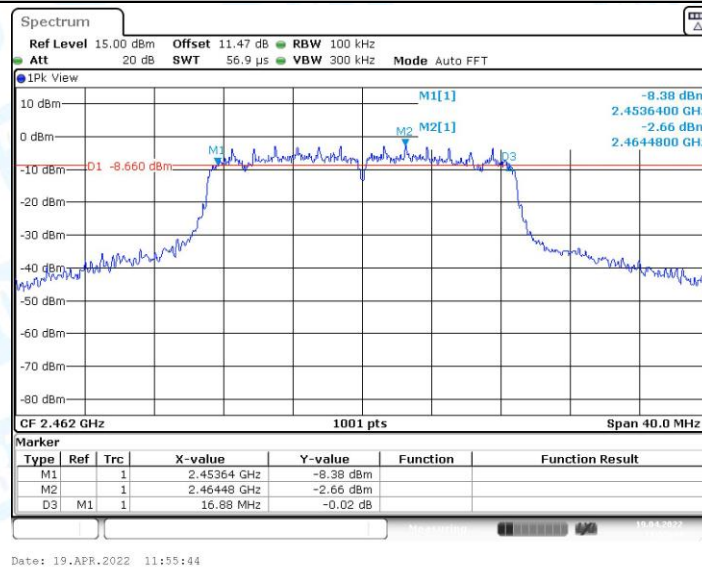
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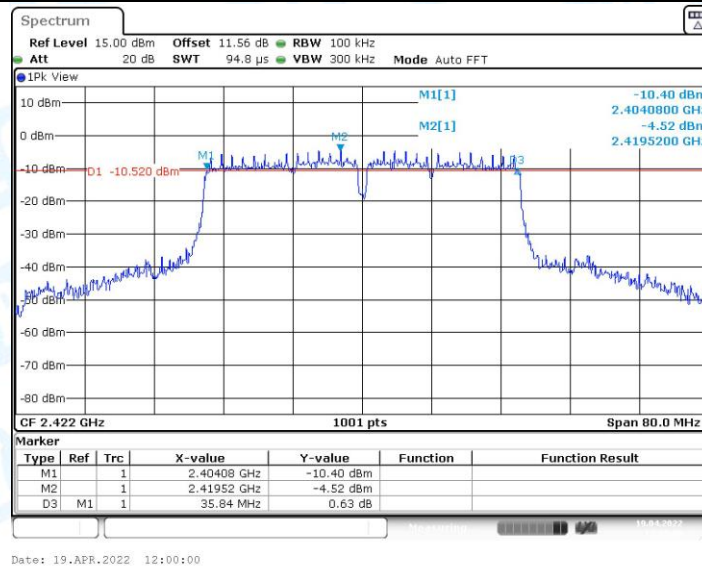
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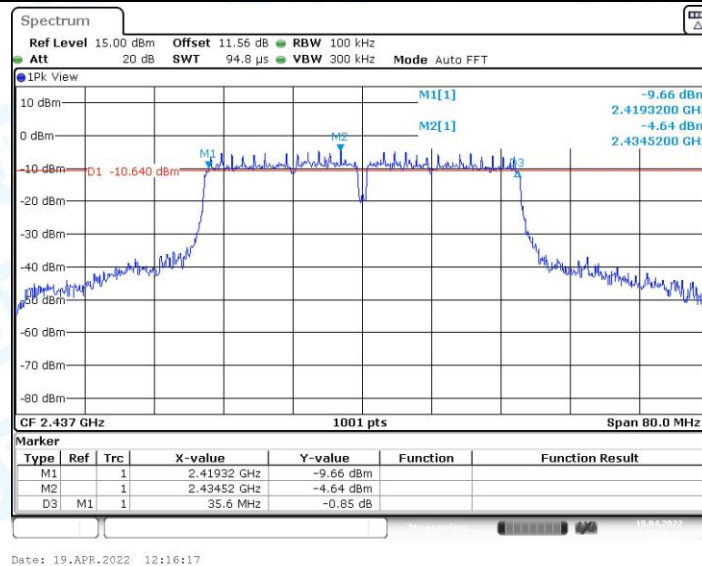
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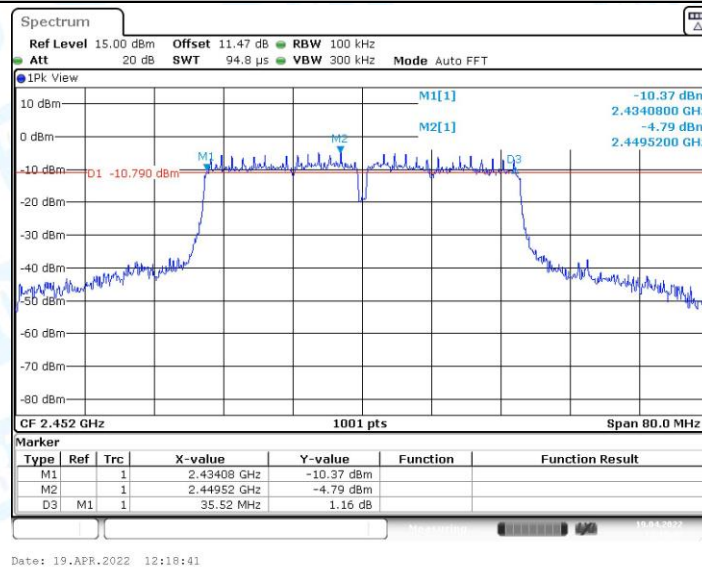
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11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



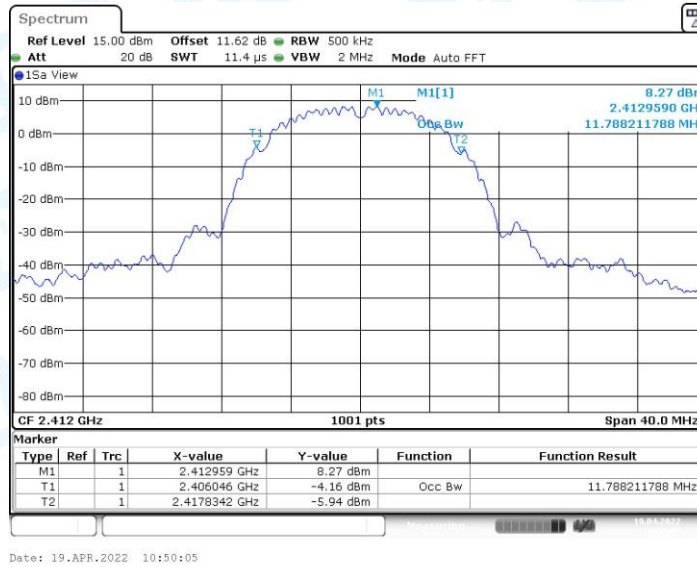
11N40SISO_Ant1_2452

2. Occupied Channel Bandwidth

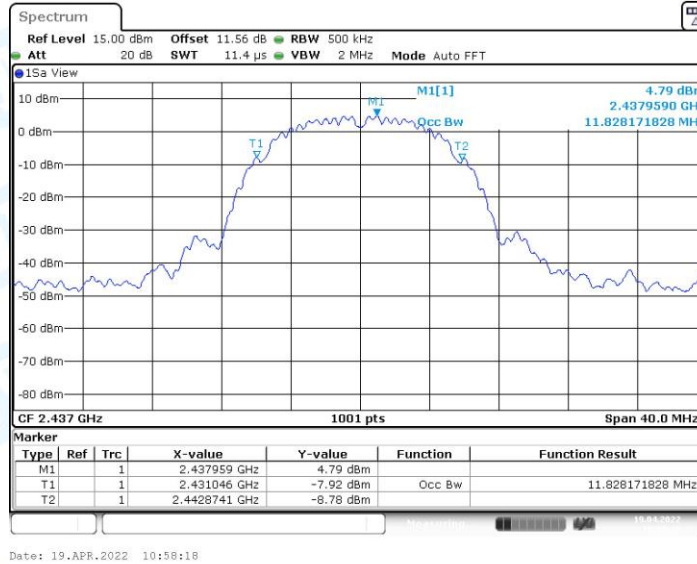
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.788	2406.046	2417.834	---	---
		2437	11.828	2431.046	2442.874	---	---
		2462	11.828	2456.086	2467.914	---	---
11G	Ant1	2412	16.823	2403.608	2420.432	---	---
		2437	17.183	2428.329	2445.511	---	---
		2462	16.943	2453.449	2470.392	---	---
11N20SISO	Ant1	2412	17.862	2403.129	2420.991	---	---
		2437	17.702	2428.129	2445.831	---	---
		2462	17.702	2453.129	2470.831	---	---
11N40SISO	Ant1	2422	36.444	2403.778	2440.222	---	---
		2437	36.444	2418.698	2455.142	---	---
		2452	36.444	2433.618	2470.062	---	---

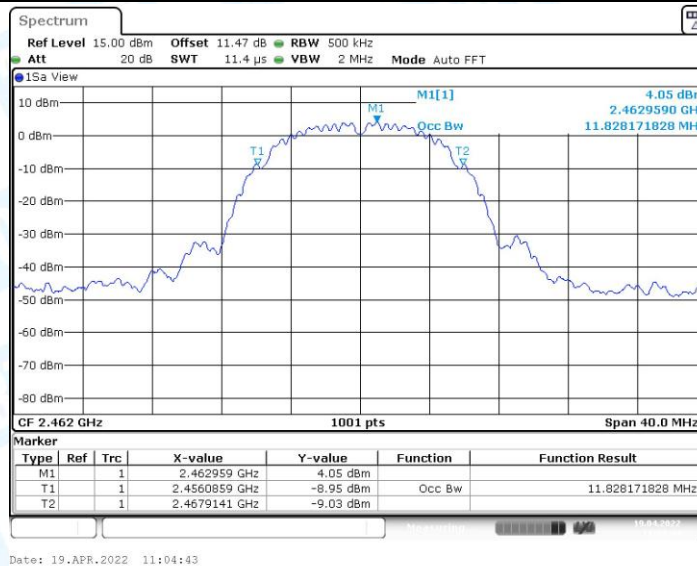
2.2. Test Graphs



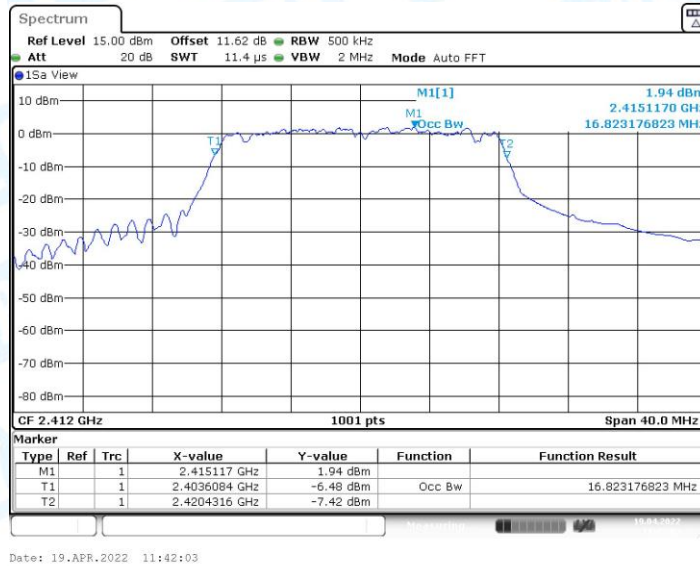
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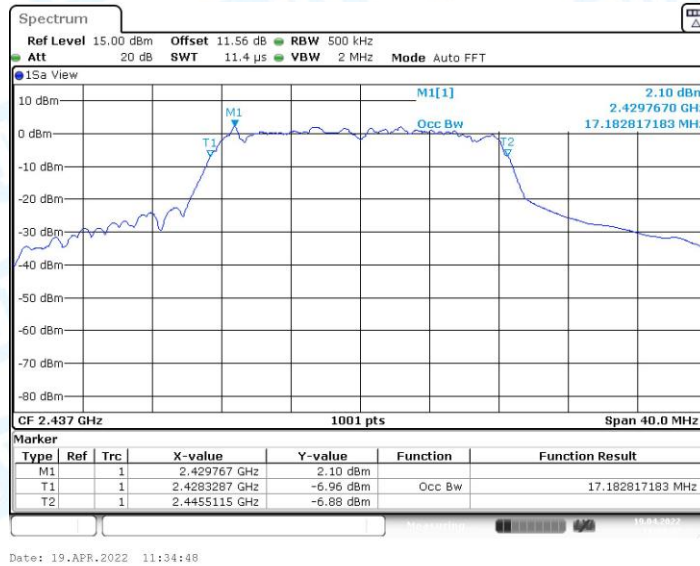
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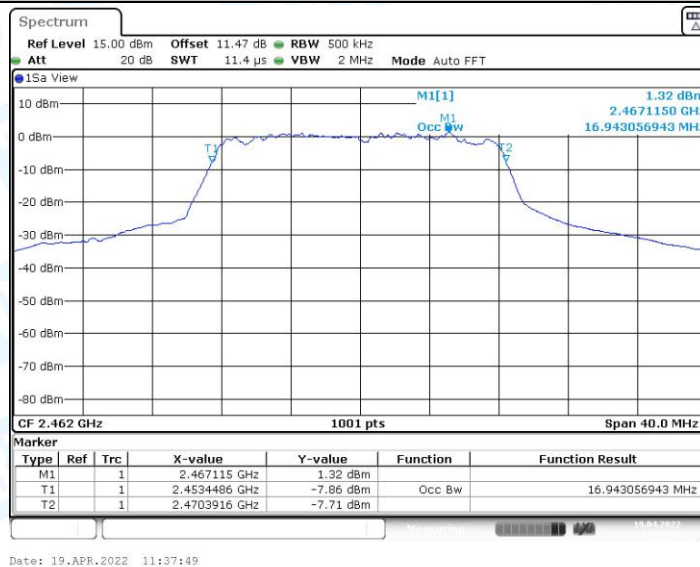
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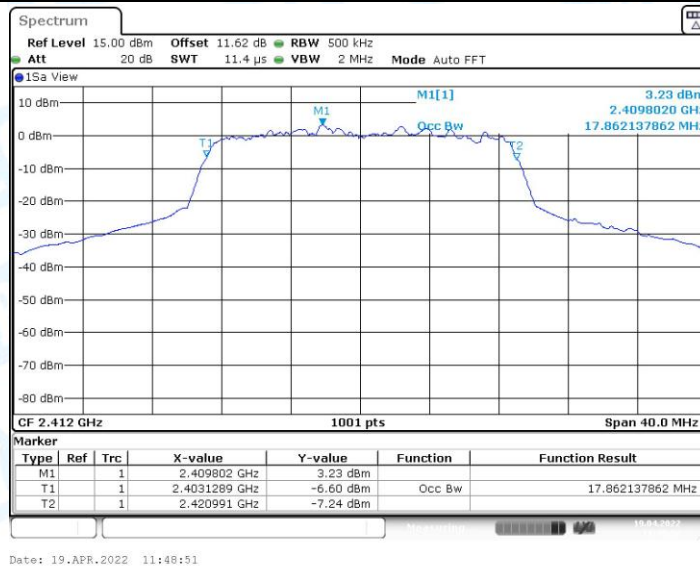
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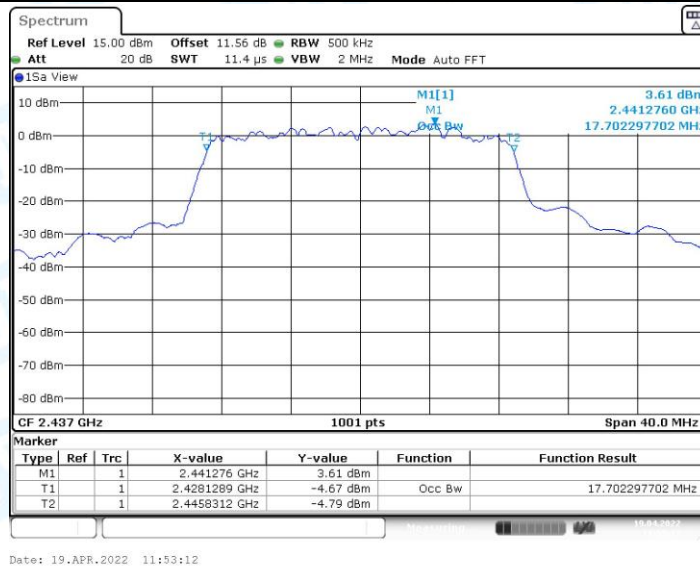
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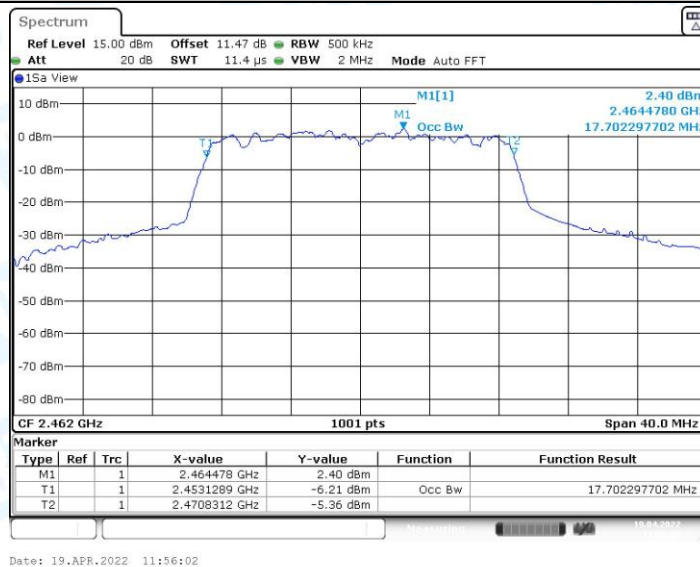
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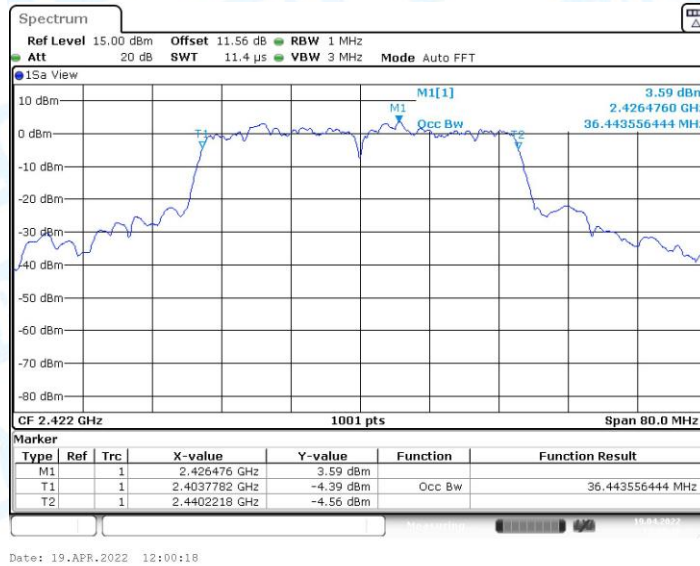
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



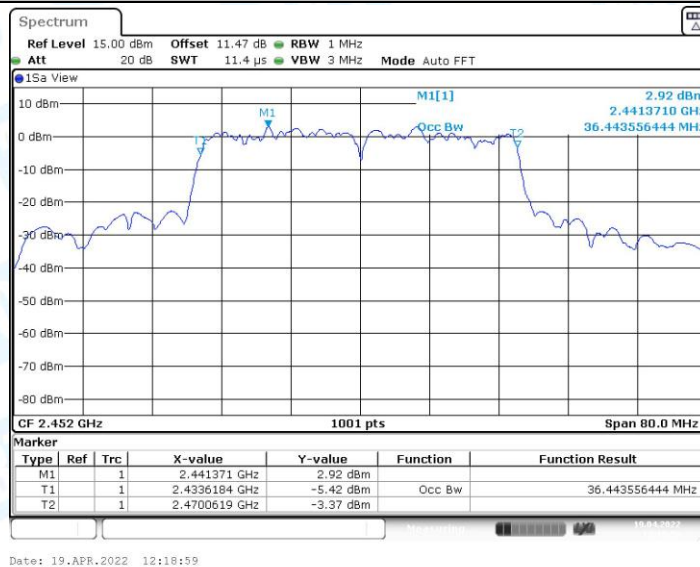
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11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



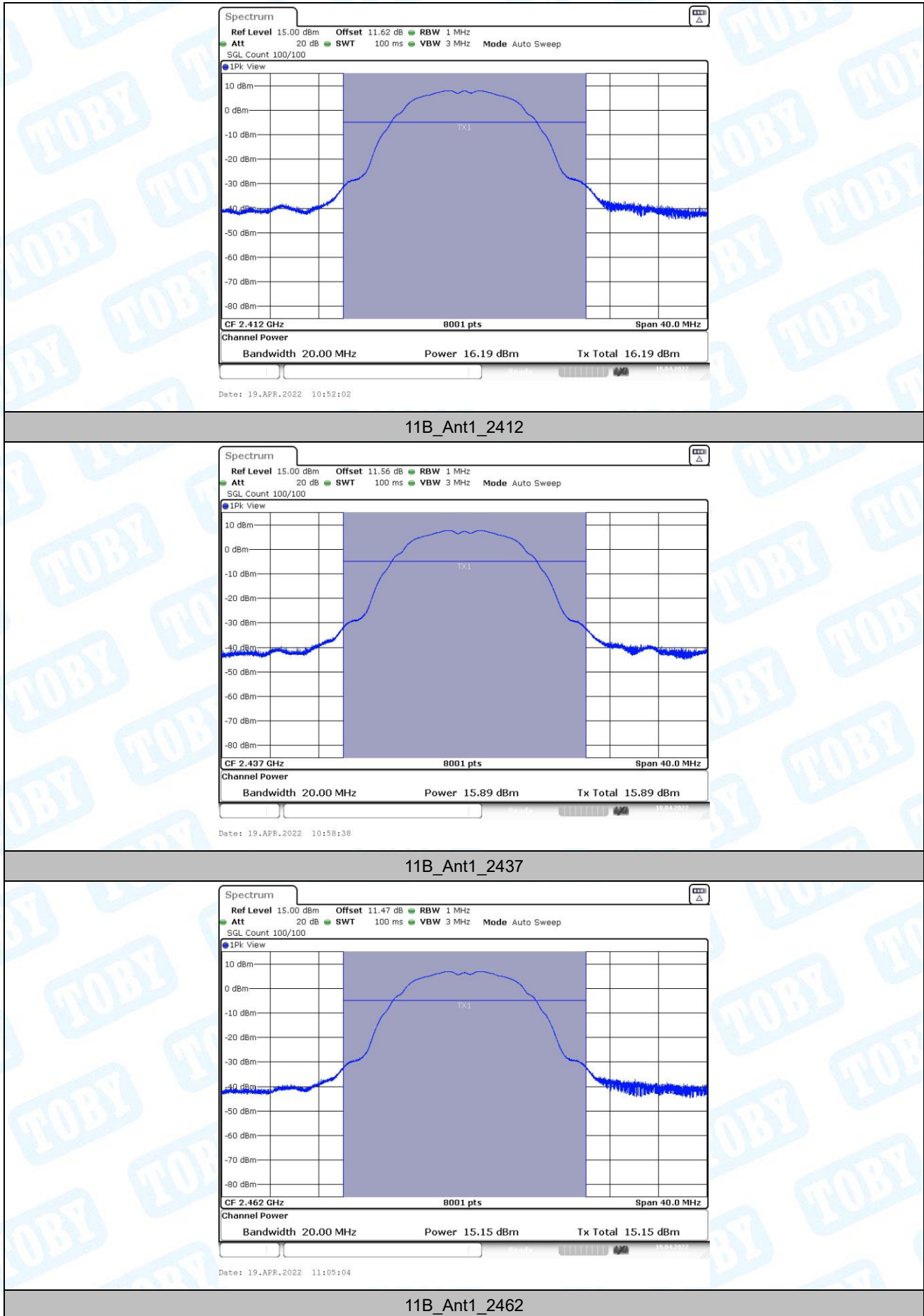
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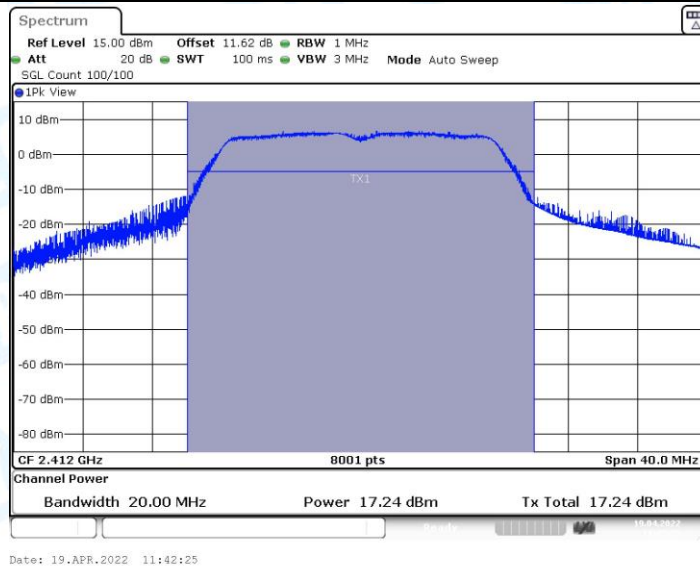
3. Maximum conducted output power

3.1. Test Result

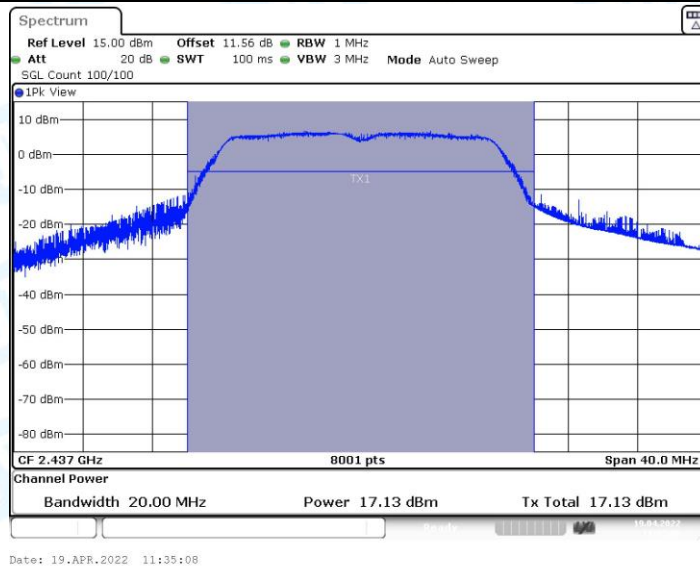
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.19	≤30.00	PASS
		2437	15.89	≤30.00	PASS
		2462	15.15	≤30.00	PASS
11G	Ant1	2412	17.24	≤30.00	PASS
		2437	17.13	≤30.00	PASS
		2462	16.51	≤30.00	PASS
11N20SISO	Ant1	2412	17.58	≤30.00	PASS
		2437	17.49	≤30.00	PASS
		2462	16.86	≤30.00	PASS
11N40SISO	Ant1	2422	17.81	≤30.00	PASS
		2437	17.65	≤30.00	PASS
		2452	17.33	≤30.00	PASS

3.2. Test Graphs

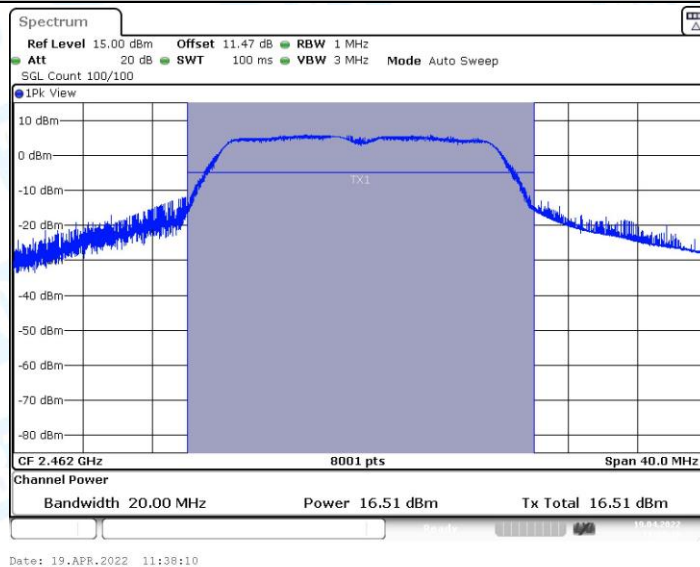




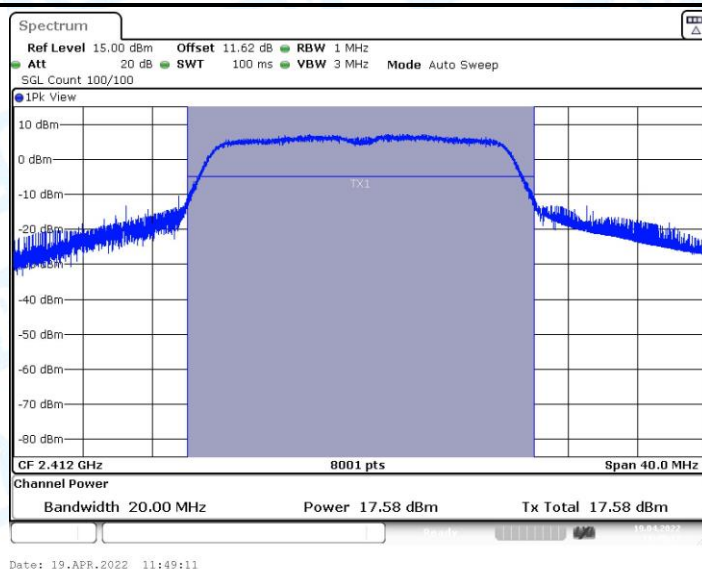
11G_Ant1_2412



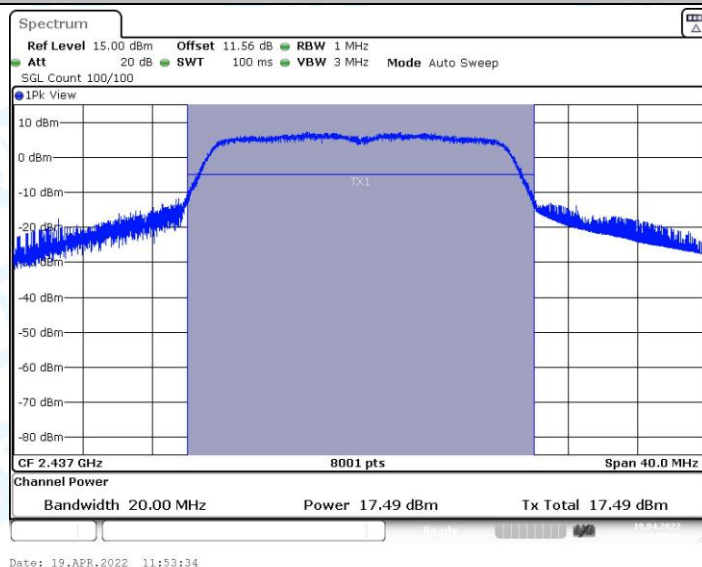
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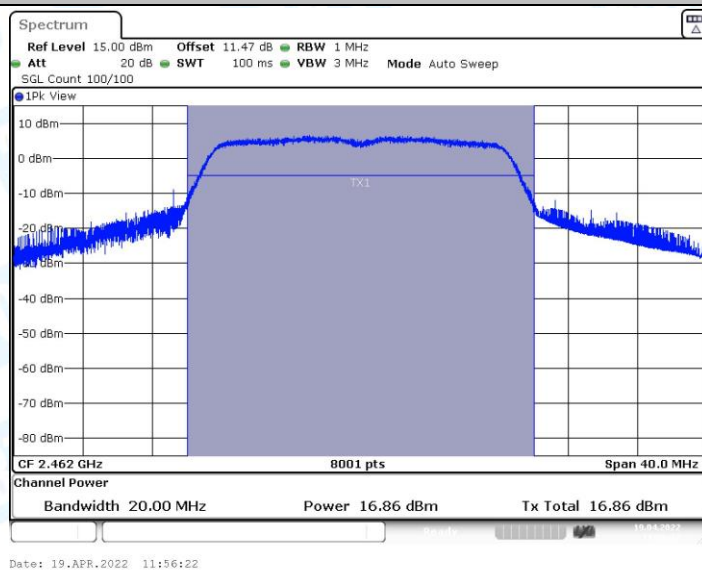
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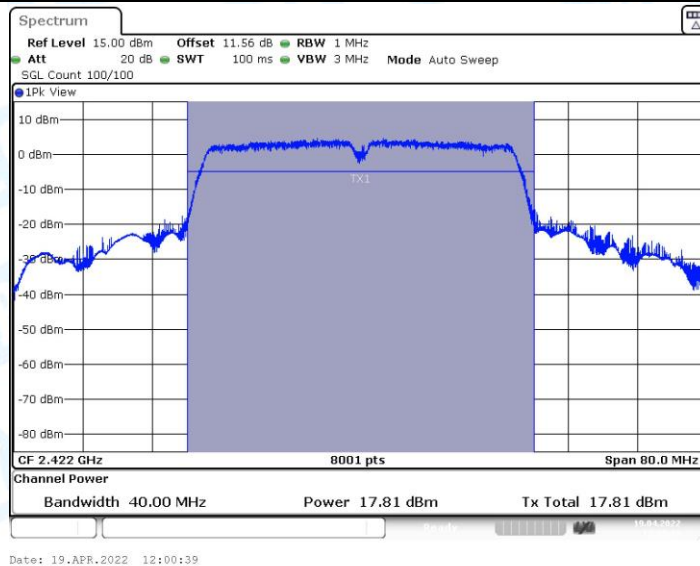
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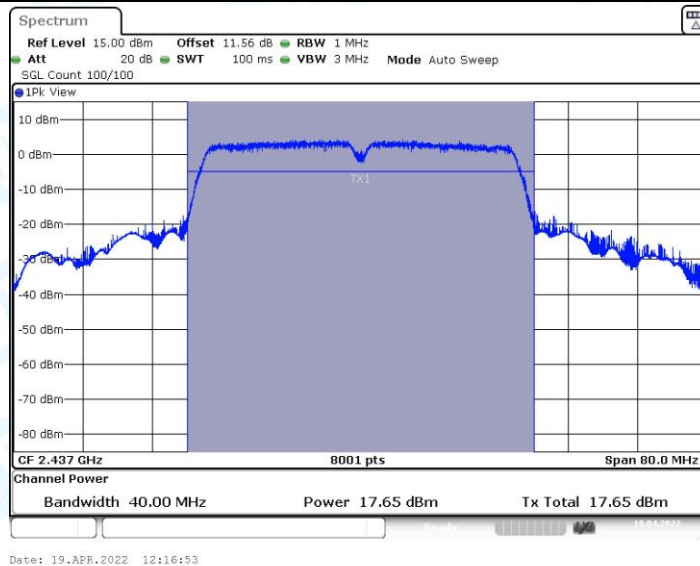
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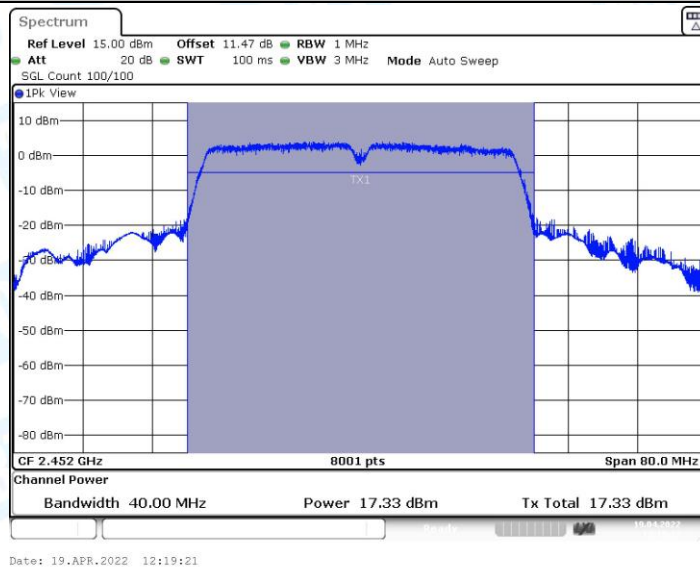
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



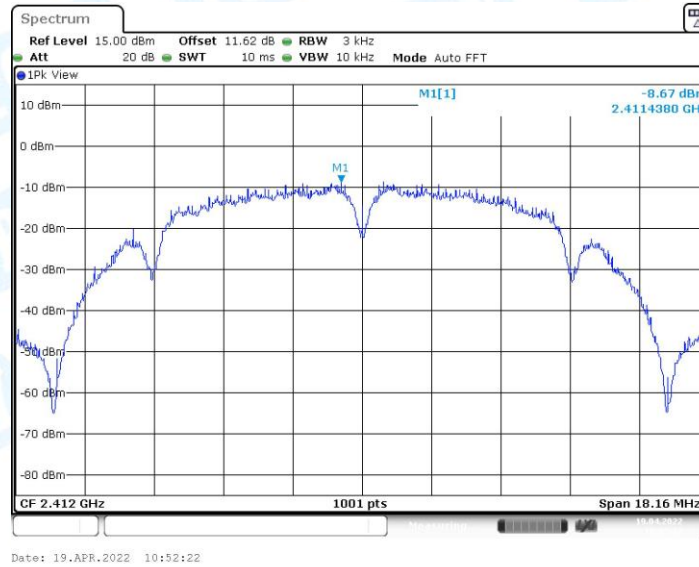
11N40SISO_Ant1_2452

4. Maximum power spectral density

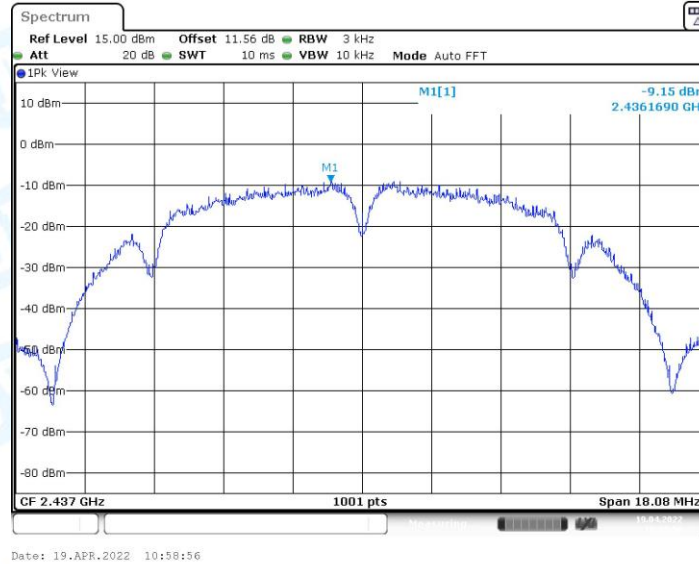
4.1. Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.67	≤8.00	PASS
		2437	-9.15	≤8.00	PASS
		2462	-9.11	≤8.00	PASS
11G	Ant1	2412	-16.07	≤8.00	PASS
		2437	-16.64	≤8.00	PASS
		2462	-16.86	≤8.00	PASS
11N20SISO	Ant1	2412	-16.46	≤8.00	PASS
		2437	-16.36	≤8.00	PASS
		2462	-16.87	≤8.00	PASS
11N40SISO	Ant1	2422	-19.82	≤8.00	PASS
		2437	-19.43	≤8.00	PASS
		2452	-20.4	≤8.00	PASS

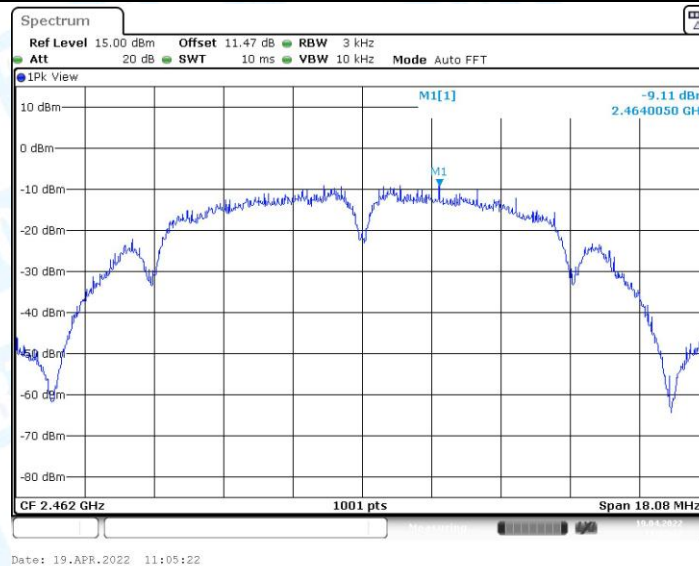
4.2.Test Graphs



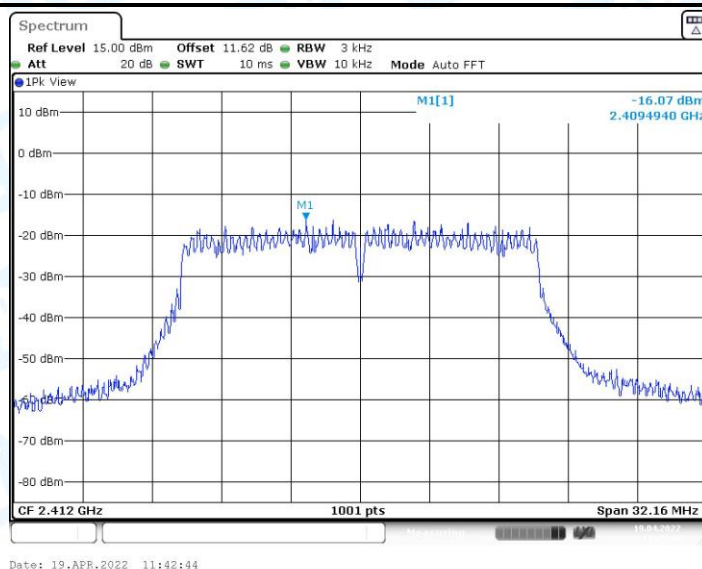
11B_Ant1_2412



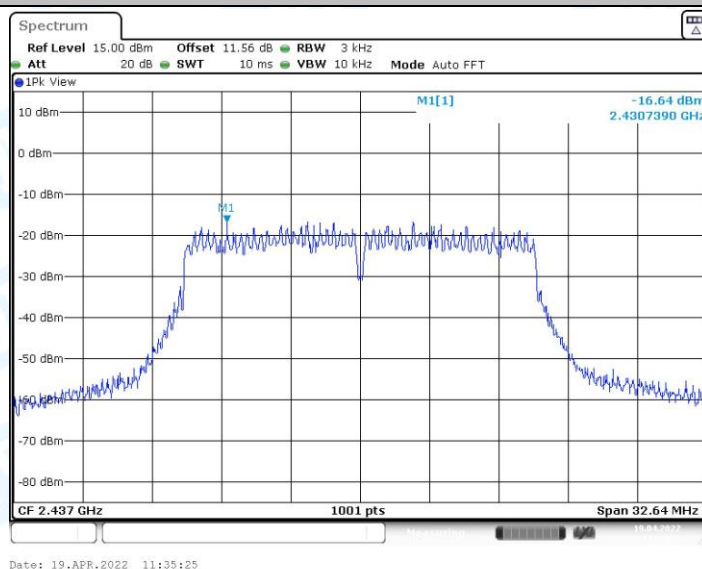
11B_Ant1_2437



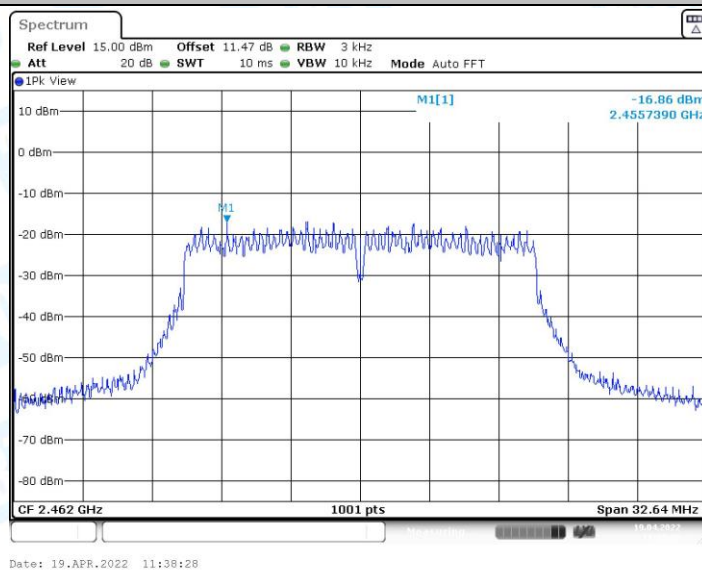
11B_Ant1_2462



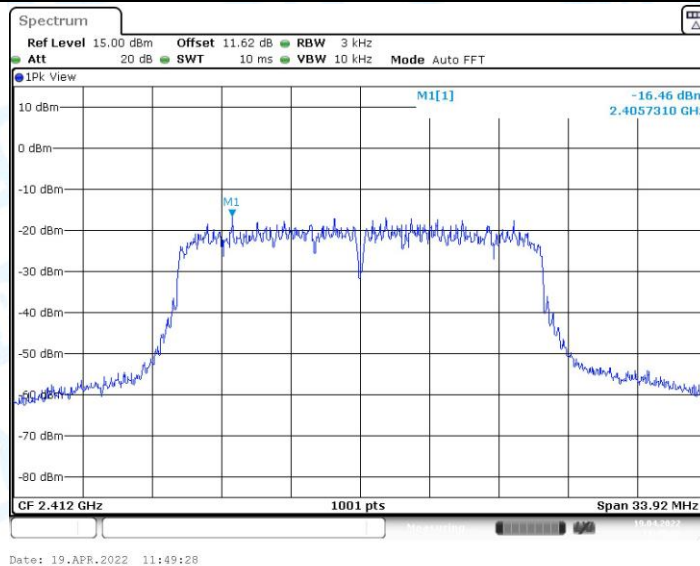
11G_Ant1_2412



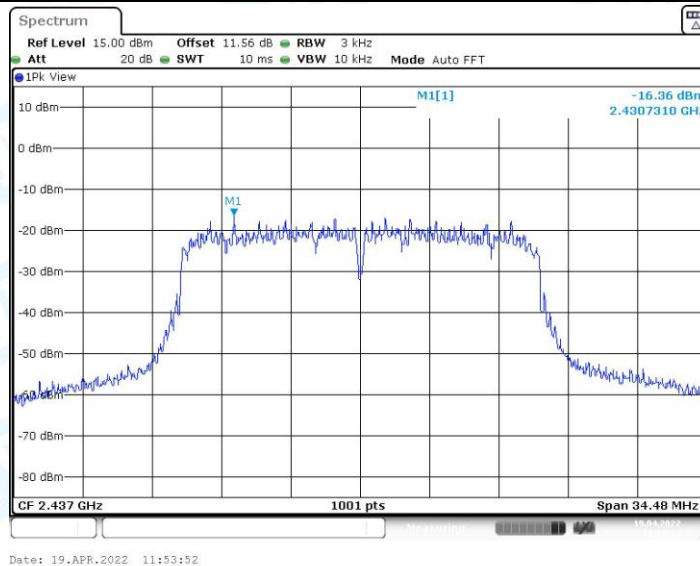
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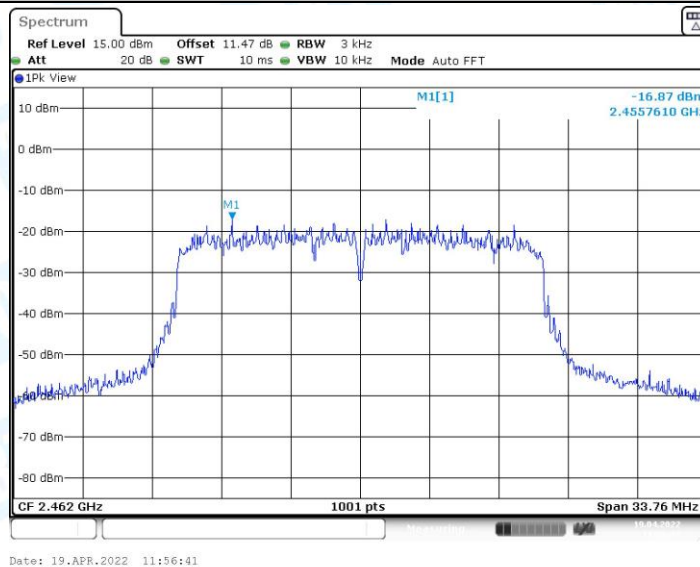
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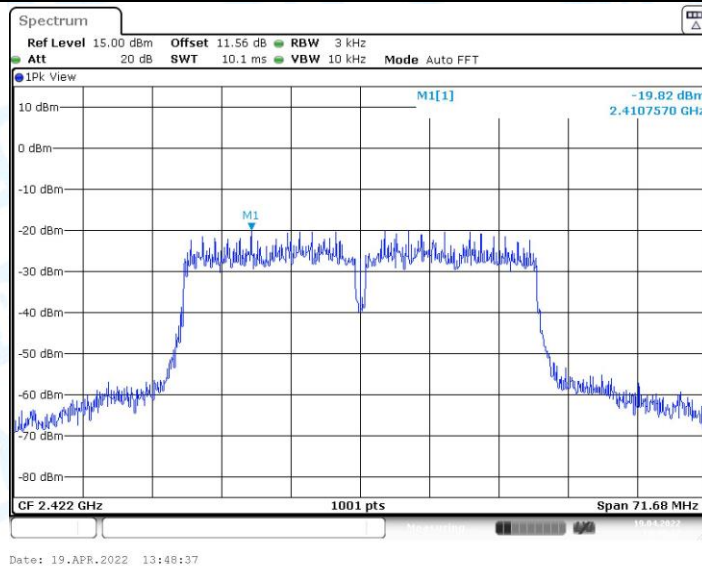
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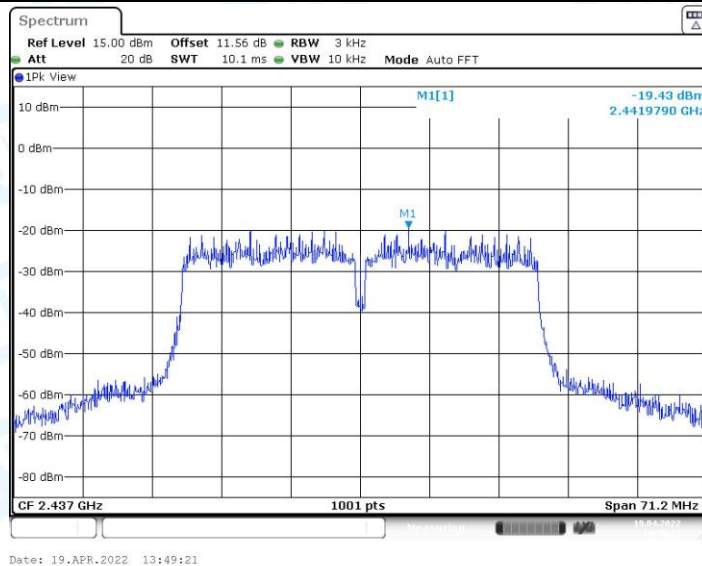
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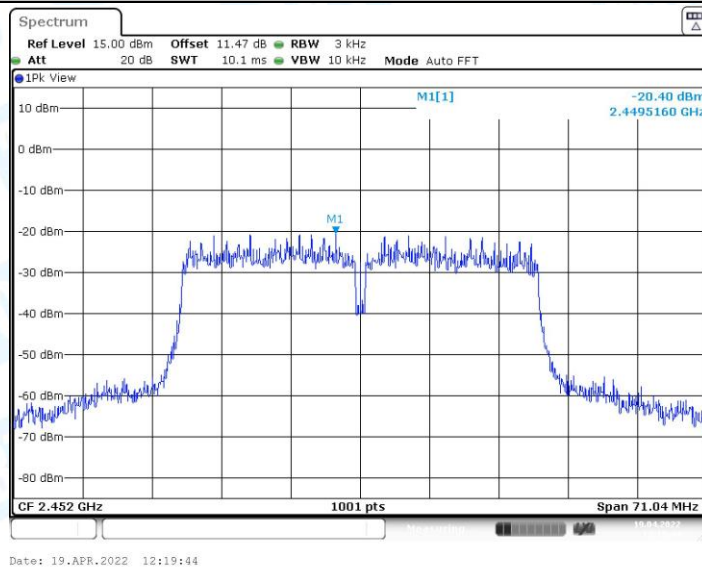
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11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452