

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

General Description of EUT	
Product Name:	LED TV
Test Model:	FSTV-3222P
Sample ID:	202202-0014-1_02#
Environmental Conditions	
Temperature:	25°C
Relative Humidity:	55%
Test Voltage:	DC 12V
Test Engineer:	Huangjianping
Note: For a more detailed features description, please refer to the report TBR-C-202202-0014-12	

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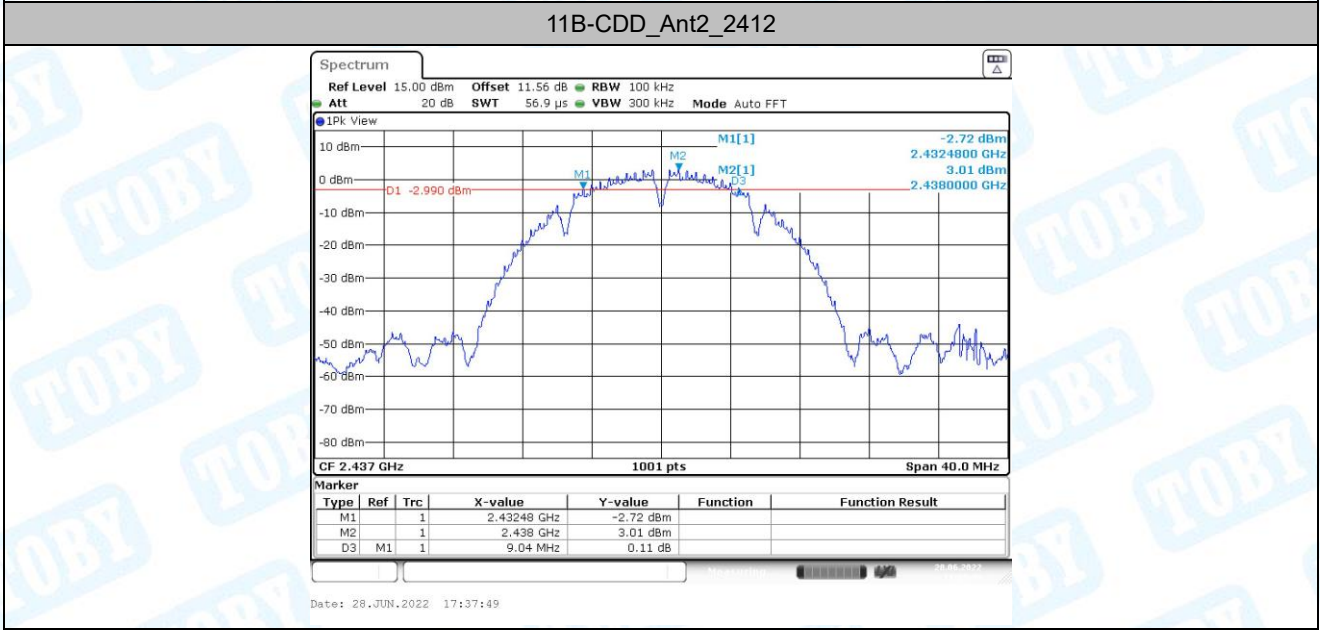
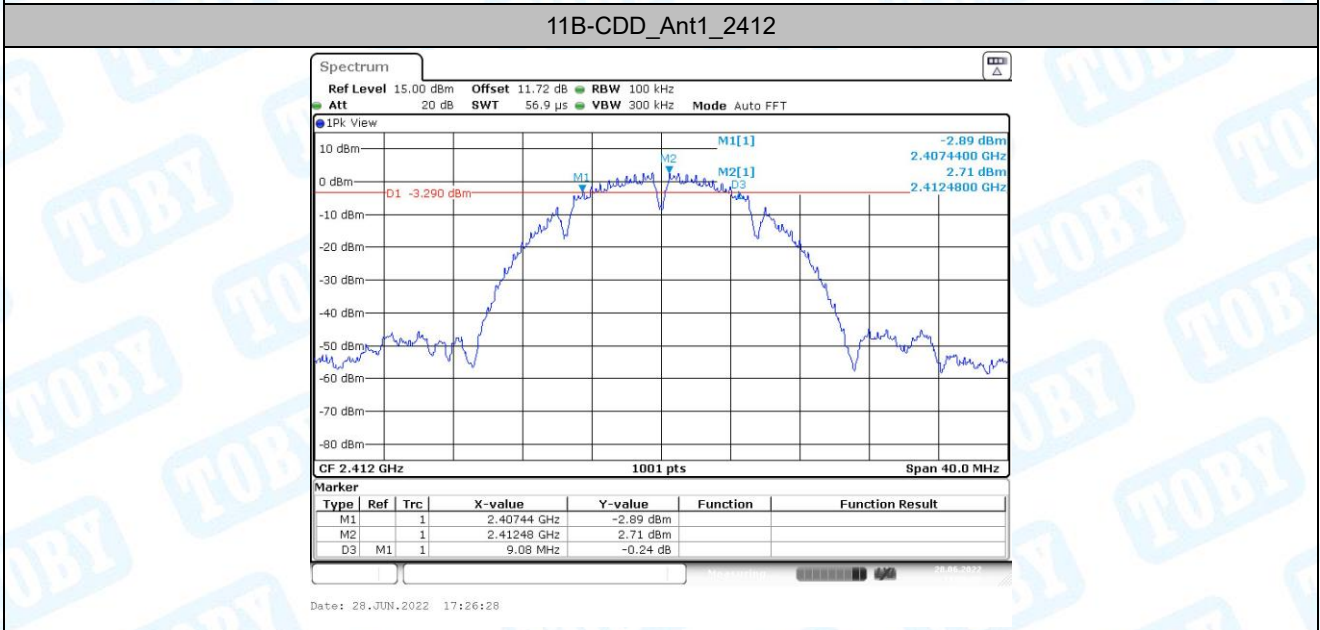
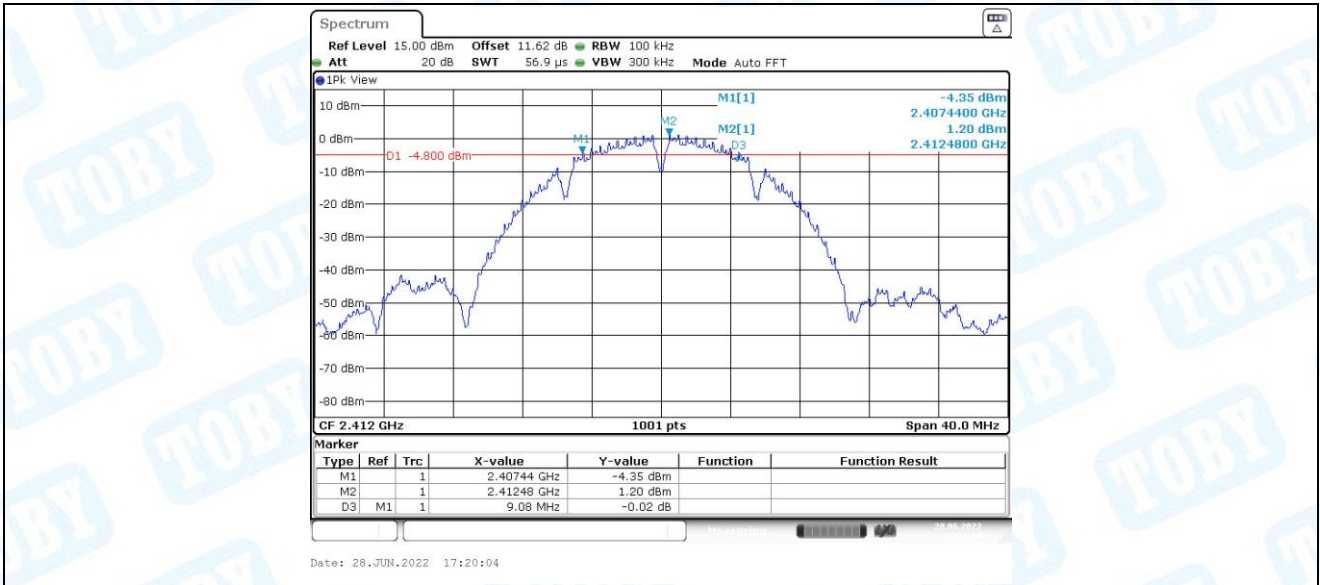
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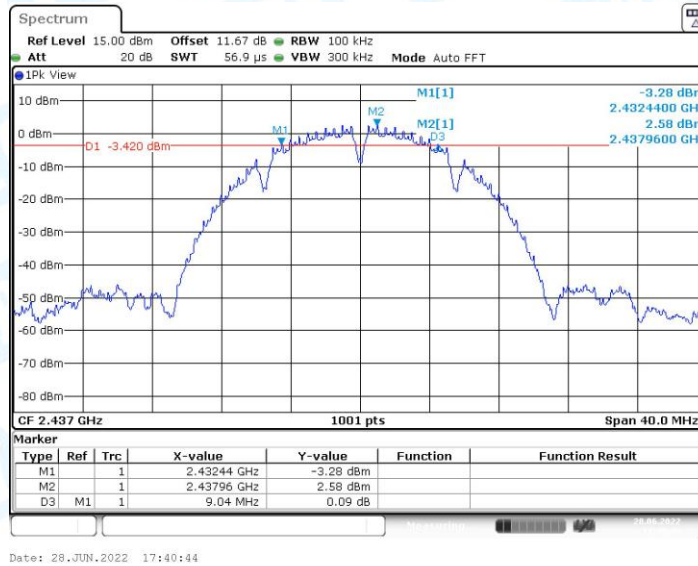
1. DTS Bandwidth

1.1. Test Result

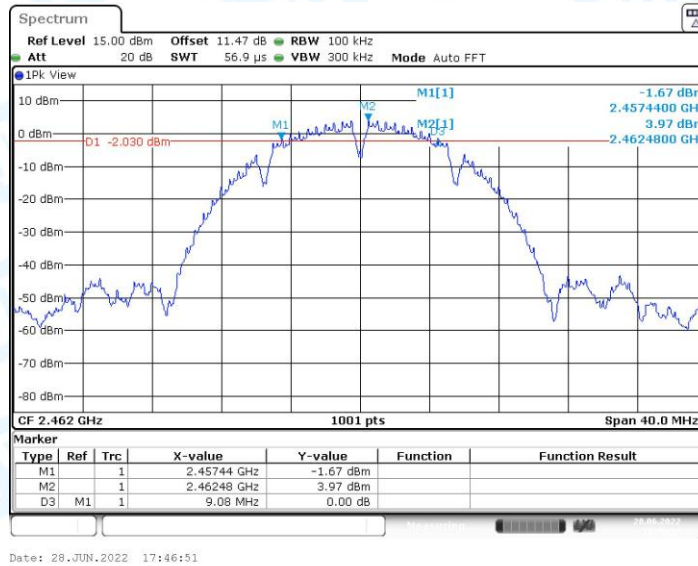
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	9.08	2407.44	2416.52	0.5	PASS
	Ant2	2412	9.08	2407.44	2416.52	0.5	PASS
	Ant1	2437	9.04	2432.48	2441.52	0.5	PASS
	Ant2	2437	9.04	2432.44	2441.48	0.5	PASS
	Ant1	2462	9.08	2457.44	2466.52	0.5	PASS
	Ant2	2462	9.08	2457.44	2466.52	0.5	PASS
11G-CDD	Ant1	2412	15.32	2404.24	2419.56	0.5	PASS
	Ant2	2412	15.08	2404.44	2419.52	0.5	PASS
	Ant1	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant2	2437	15.08	2429.44	2444.52	0.5	PASS
	Ant1	2462	15.12	2454.44	2469.56	0.5	PASS
	Ant2	2462	15.08	2454.44	2469.52	0.5	PASS
11N20MIMO	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant2	2412	16.28	2403.84	2420.12	0.5	PASS
	Ant1	2437	13.88	2430.68	2444.56	0.5	PASS
	Ant2	2437	17.16	2428.60	2445.76	0.5	PASS
	Ant1	2462	15.08	2454.44	2469.52	0.5	PASS
	Ant2	2462	16.32	2453.80	2470.12	0.5	PASS
11N40MIMO	Ant1	2422	35.12	2404.40	2439.52	0.5	PASS
	Ant2	2422	35.12	2404.40	2439.52	0.5	PASS
	Ant1	2437	35.12	2419.40	2454.52	0.5	PASS
	Ant2	2437	35.12	2419.40	2454.52	0.5	PASS
	Ant1	2452	35.12	2434.40	2469.52	0.5	PASS
	Ant2	2452	35.12	2434.40	2469.52	0.5	PASS

1.2. Test Graphs

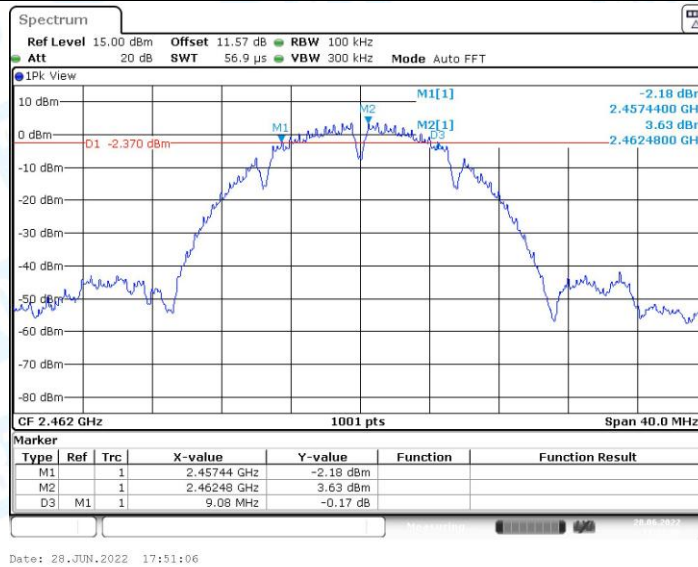




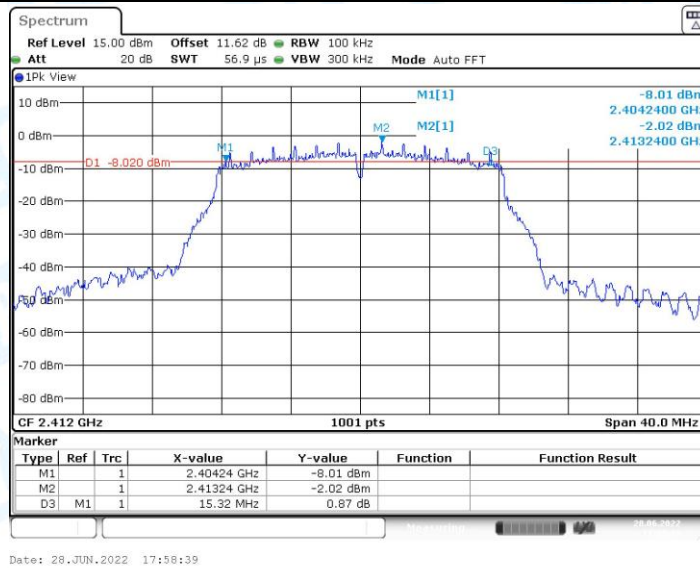
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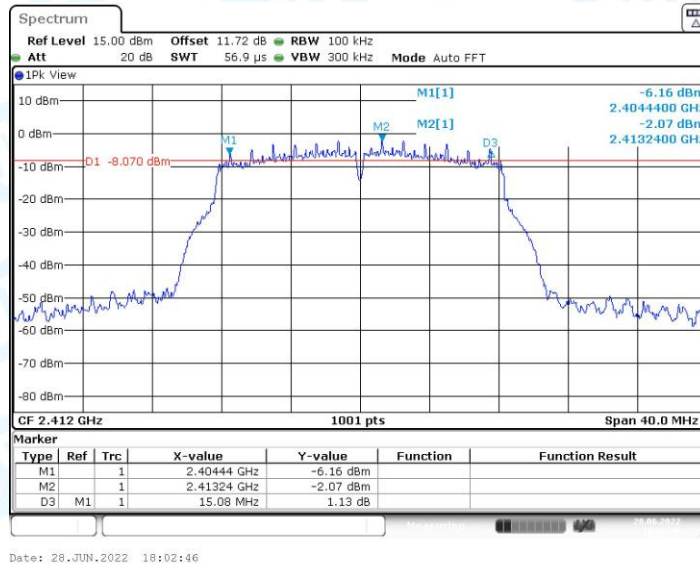
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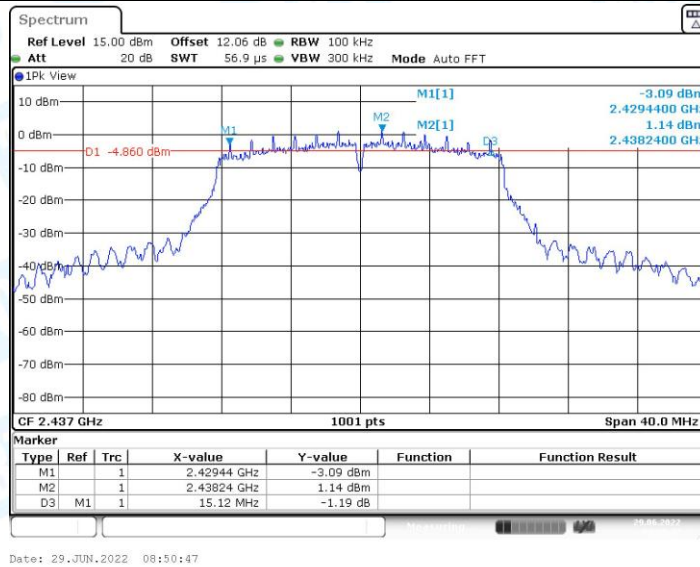
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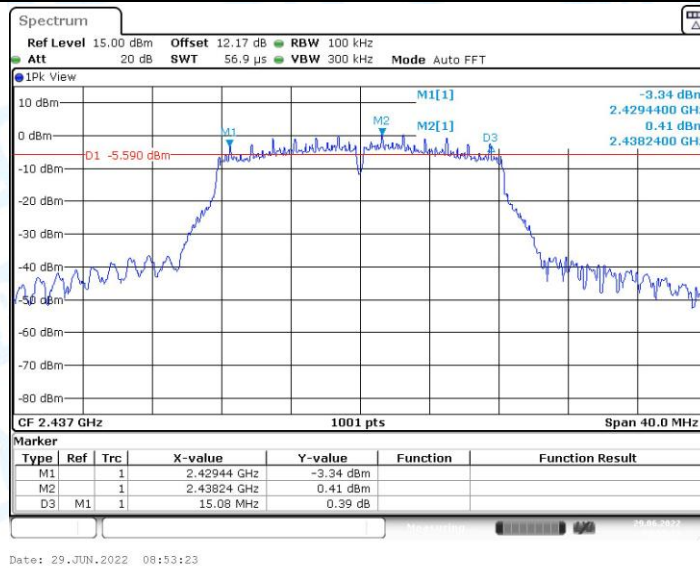
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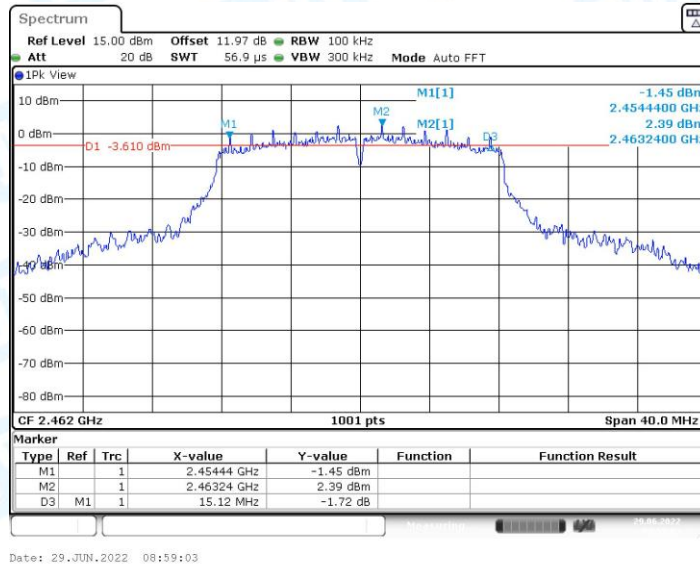
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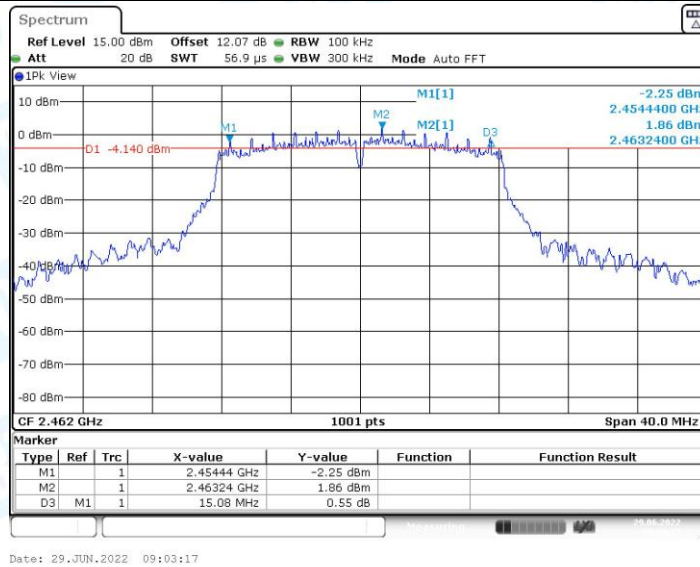
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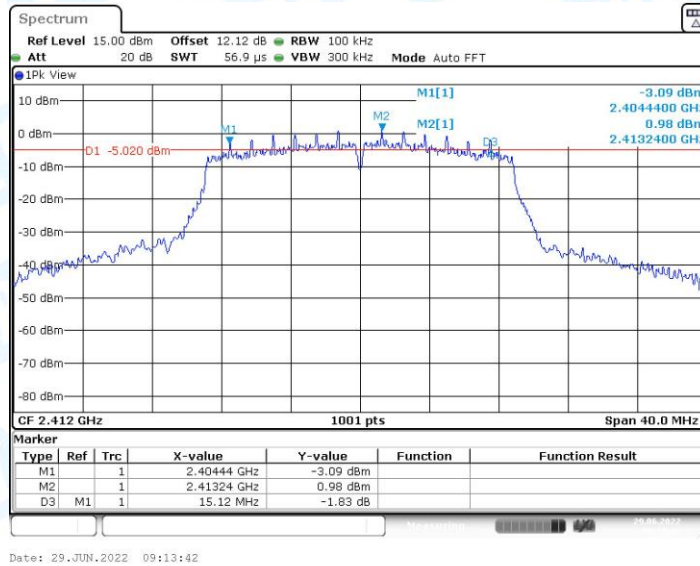
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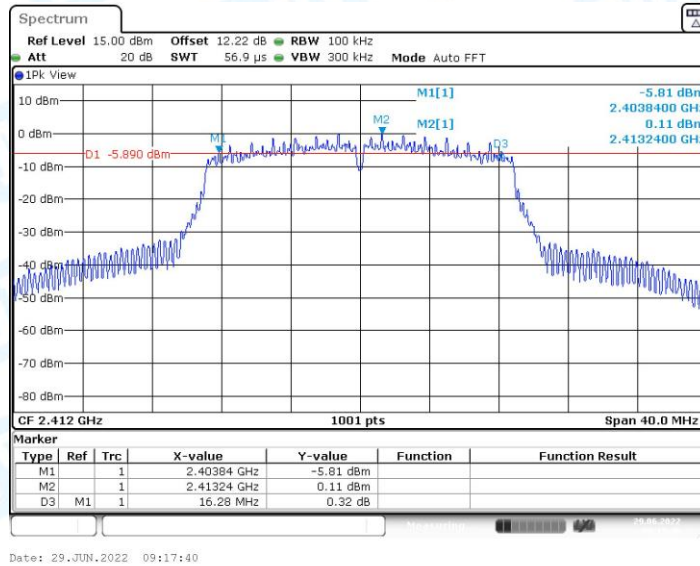
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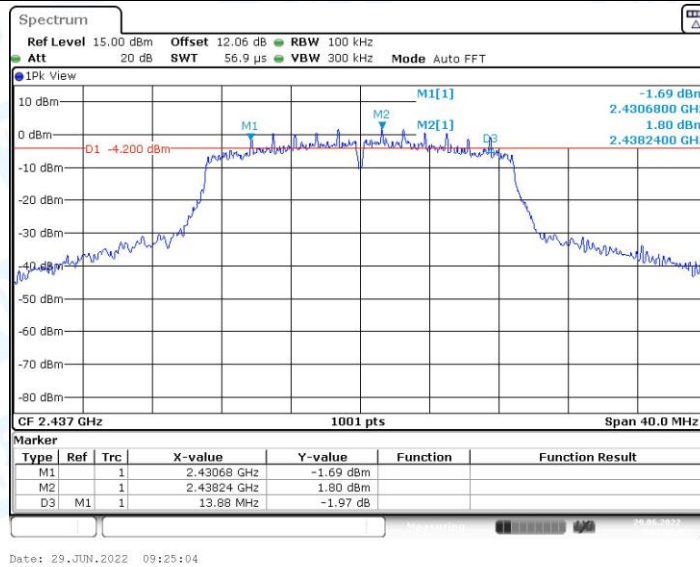
11G-CDD_Ant2_2462



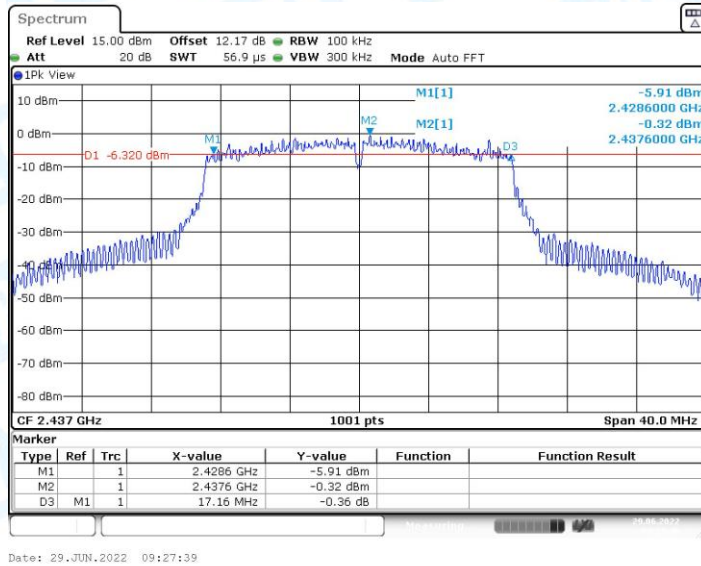
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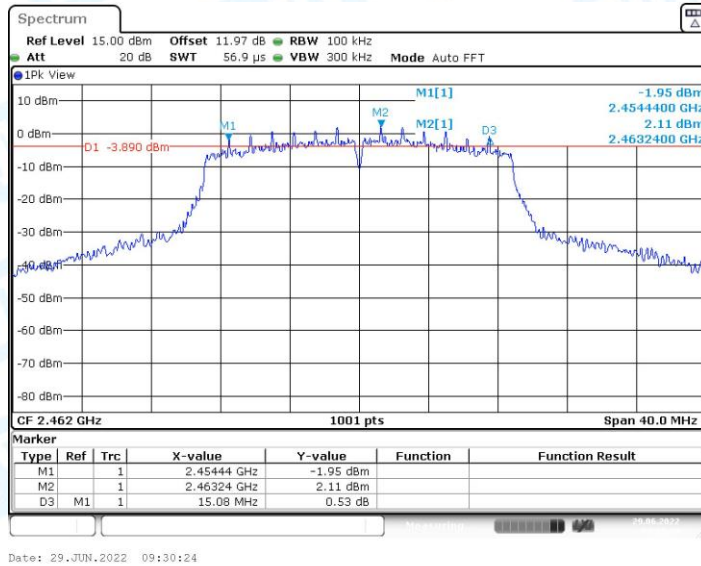
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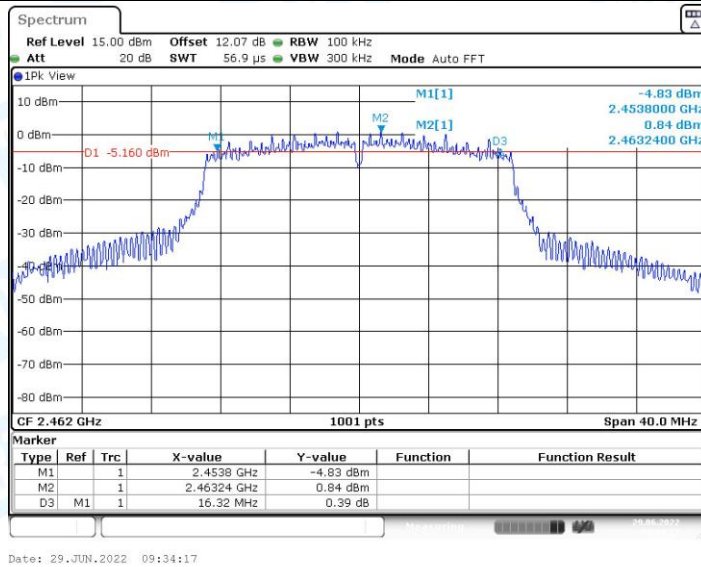
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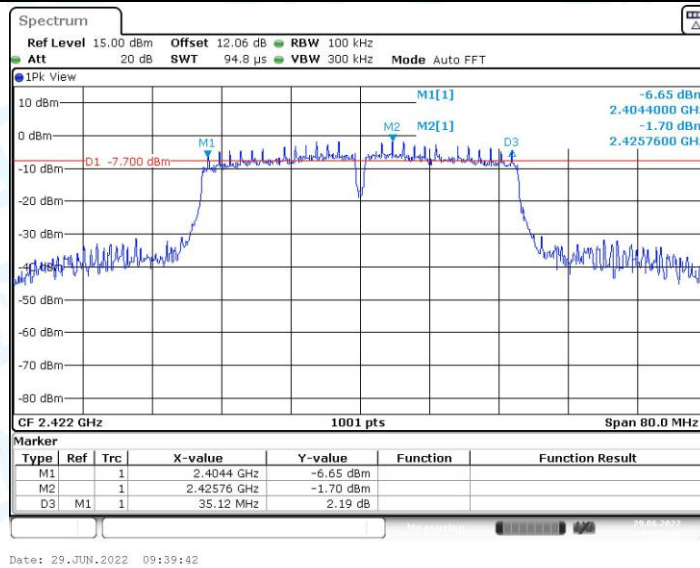
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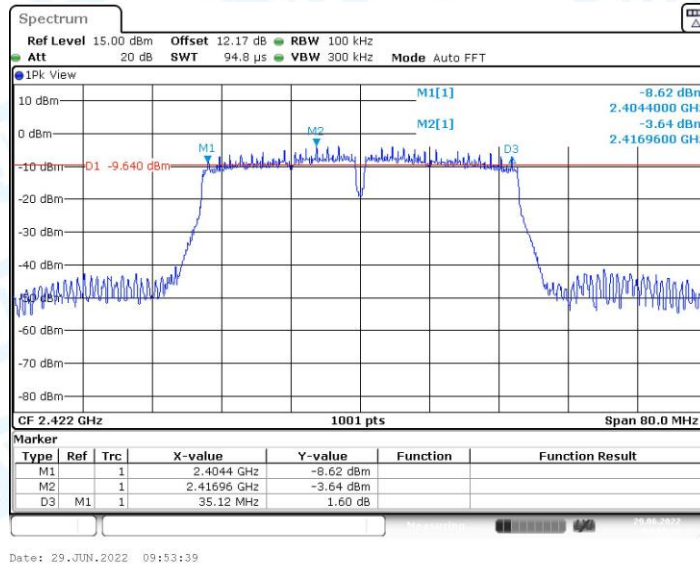
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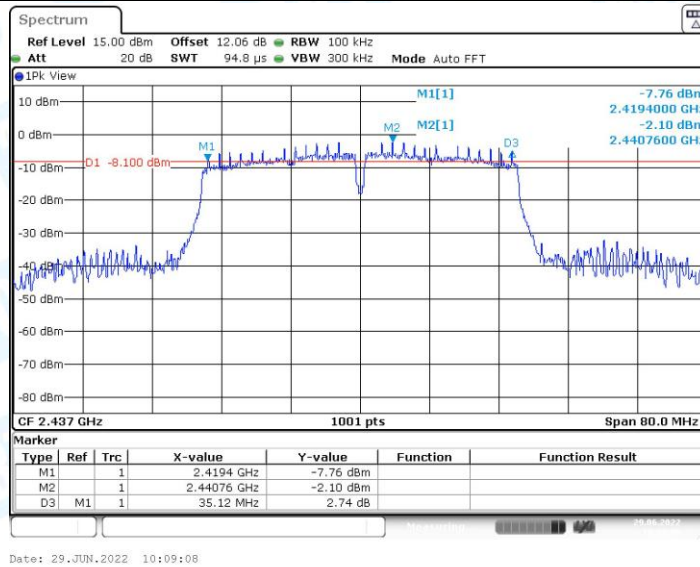
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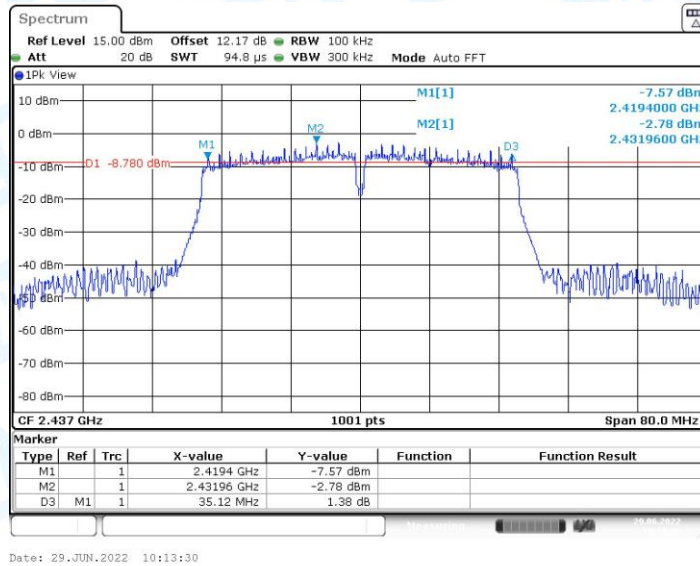
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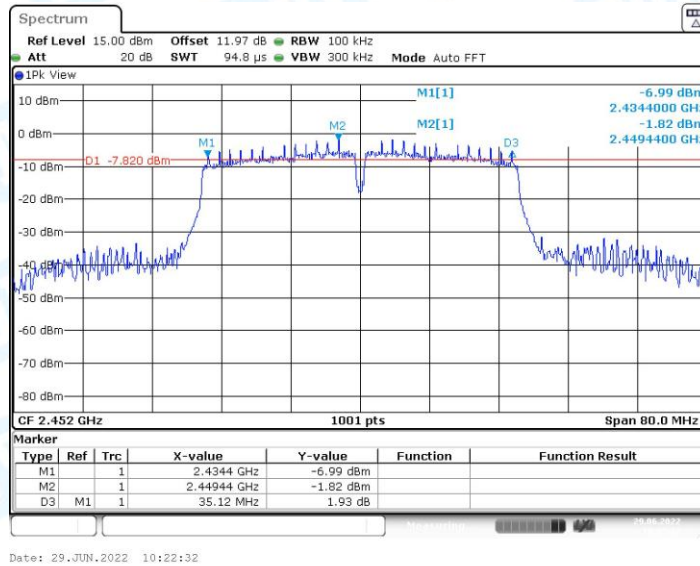
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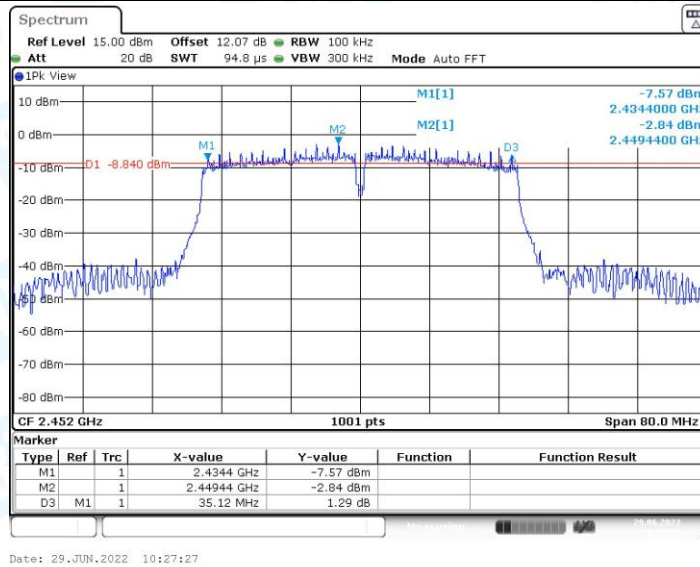
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



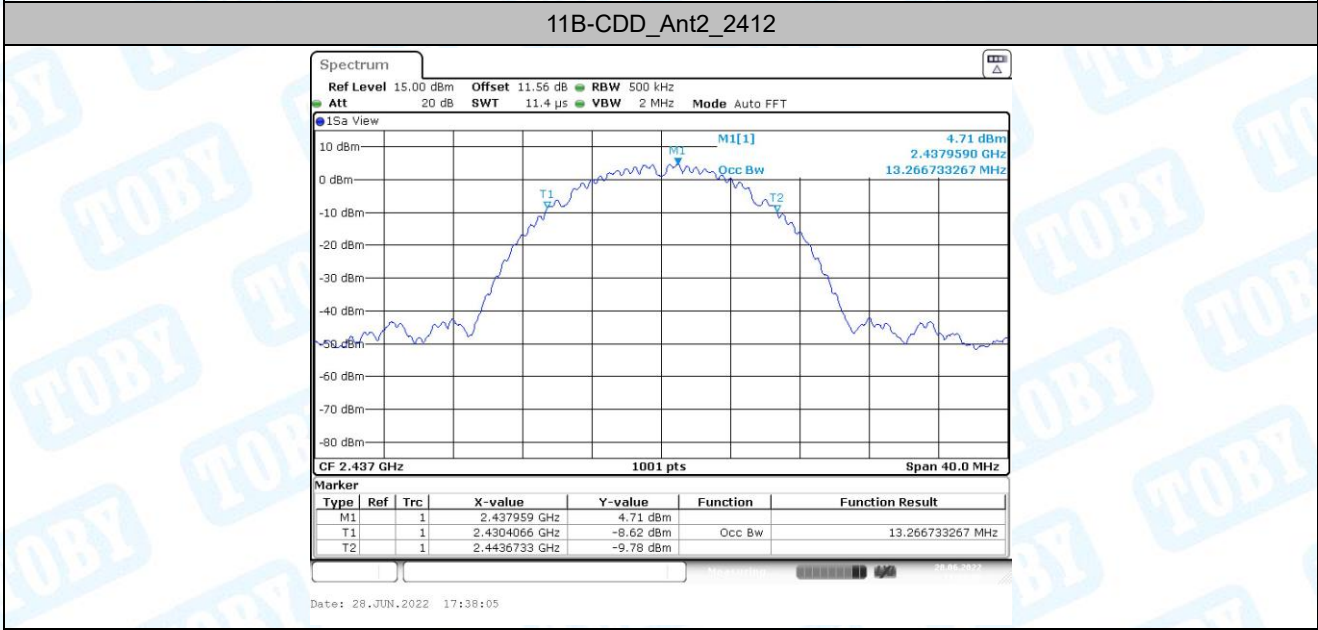
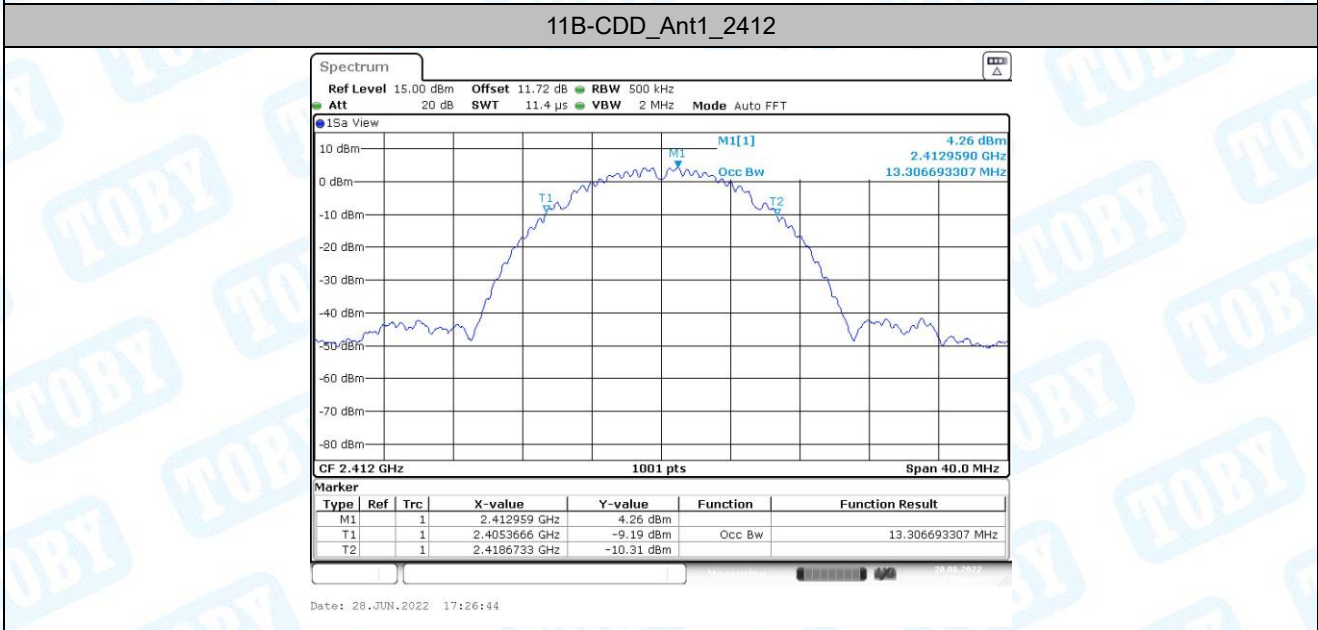
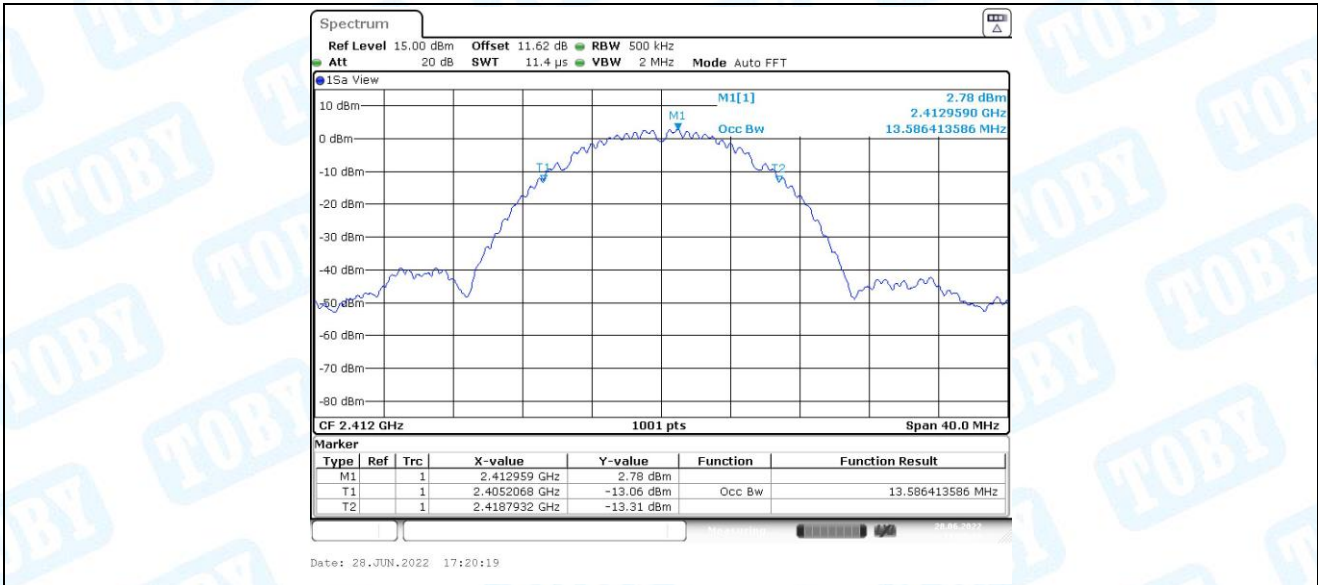
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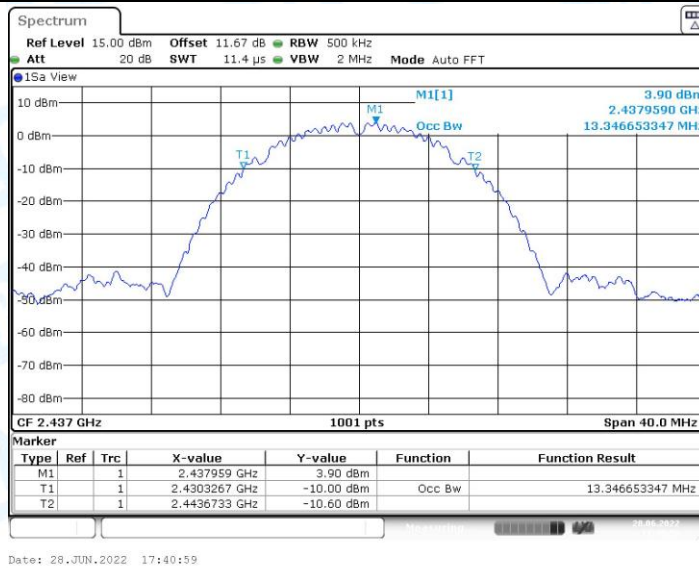
2. Occupied Channel Bandwidth

2.1. Test Result

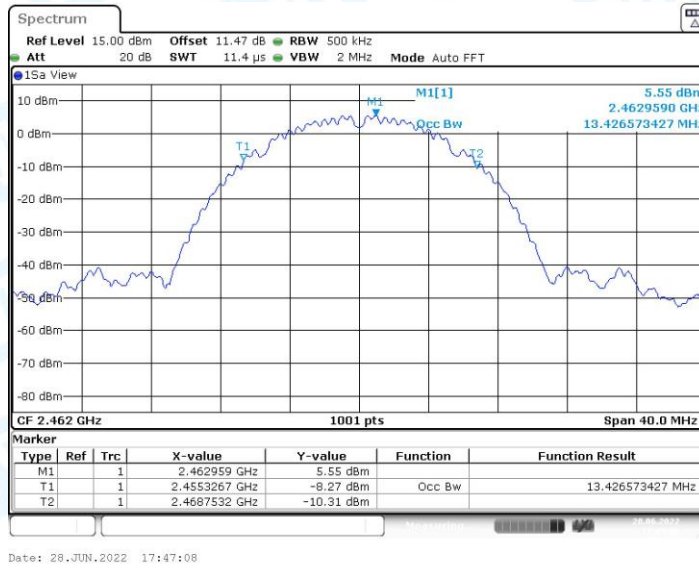
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	13.586	2405.207	2418.793	---	---
	Ant2	2412	13.307	2405.367	2418.673	---	---
	Ant1	2437	13.267	2430.407	2443.673	---	---
	Ant2	2437	13.347	2430.327	2443.673	---	---
	Ant1	2462	13.427	2455.327	2468.753	---	---
	Ant2	2462	13.267	2455.367	2468.633	---	---
11G-CDD	Ant1	2412	16.863	2403.528	2420.392	---	---
	Ant2	2412	16.623	2403.688	2420.312	---	---
	Ant1	2437	16.903	2428.568	2445.472	---	---
	Ant2	2437	16.583	2428.648	2445.232	---	---
	Ant1	2462	17.223	2453.409	2470.631	---	---
	Ant2	2462	16.623	2453.688	2470.312	---	---
11N20MIMO	Ant1	2412	17.982	2403.009	2420.991	---	---
	Ant2	2412	17.702	2403.129	2420.831	---	---
	Ant1	2437	18.102	2427.929	2446.031	---	---
	Ant2	2437	17.662	2428.209	2445.871	---	---
	Ant1	2462	18.062	2452.969	2471.031	---	---
	Ant2	2462	17.662	2453.129	2470.791	---	---
11N40MIMO	Ant1	2422	36.204	2403.858	2440.062	---	---
	Ant2	2422	36.364	2403.938	2440.302	---	---
	Ant1	2437	36.284	2418.938	2455.222	---	---
	Ant2	2437	35.884	2419.018	2454.902	---	---
	Ant1	2452	36.444	2433.778	2470.222	---	---
	Ant2	2452	36.364	2433.858	2470.222	---	---

2.2. Test Graphs

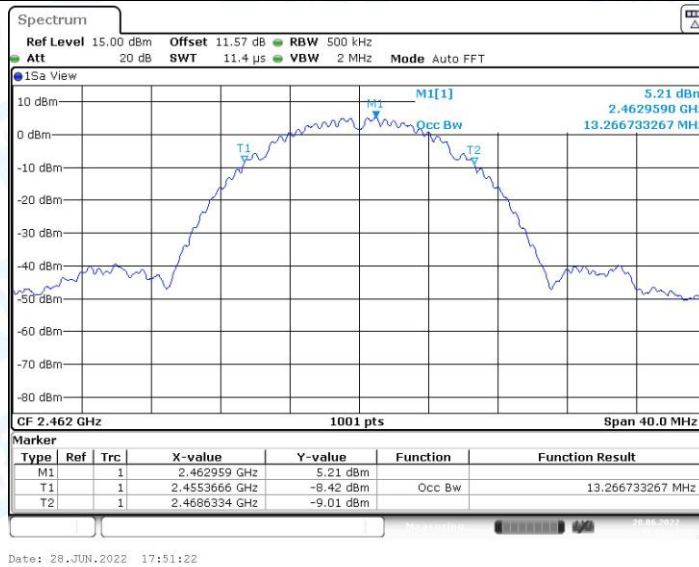




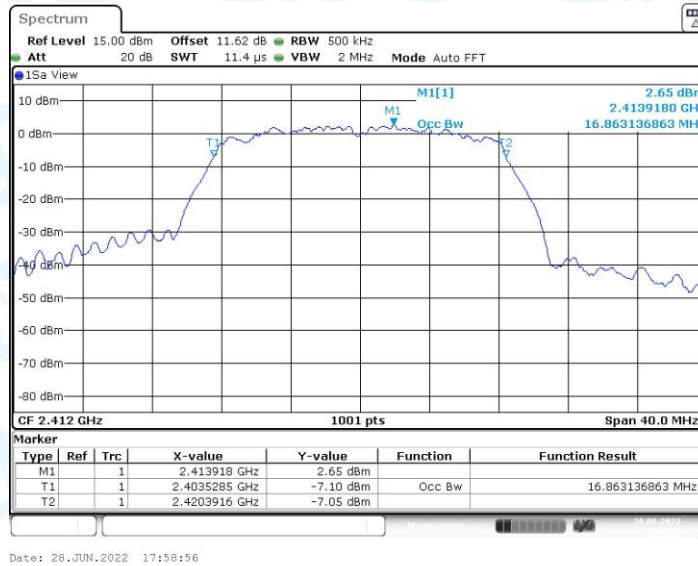
11B-CDD_Ant2_2437



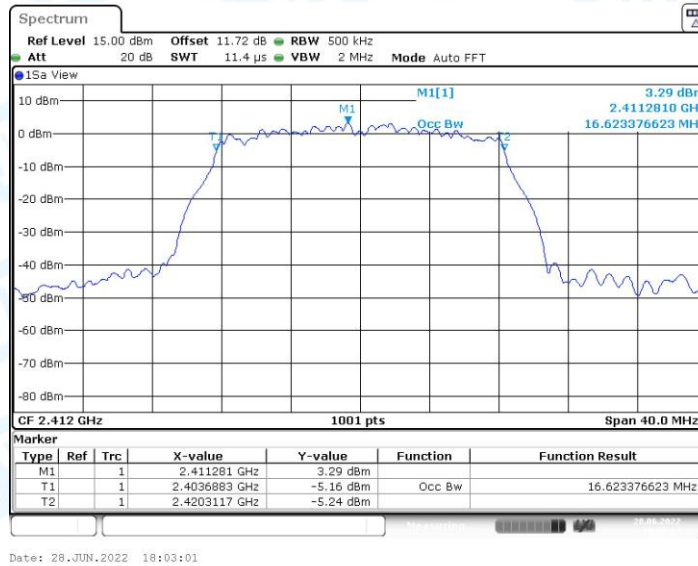
11B-CDD_Ant1_2462



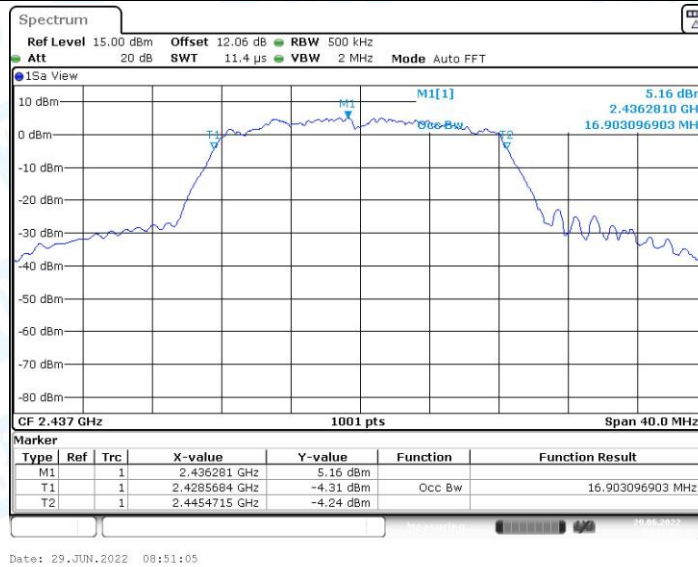
11B-CDD_Ant2_2462



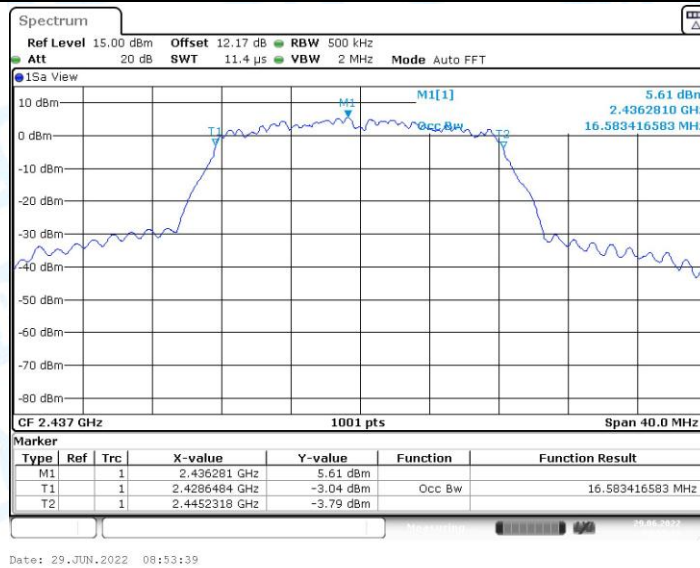
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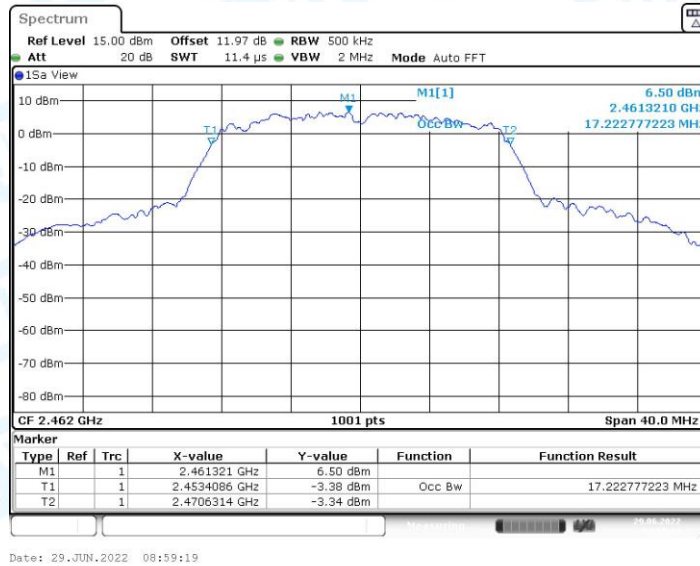
11G-CDD_Ant2_2412



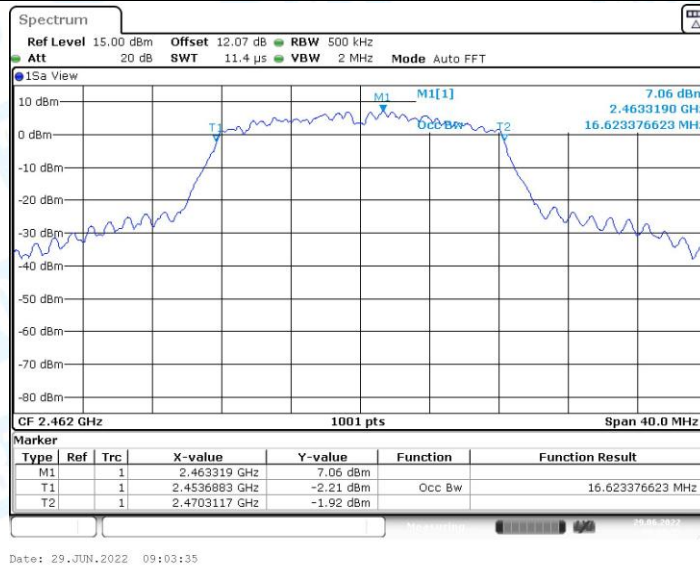
11G-CDD_Ant1_2437



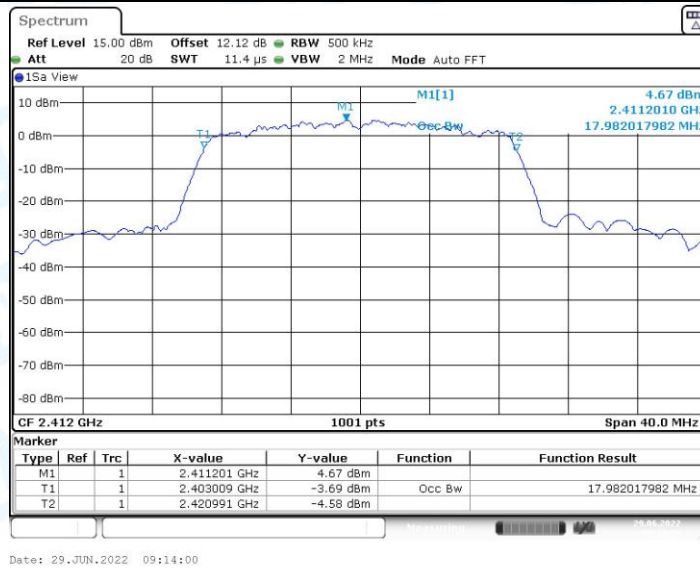
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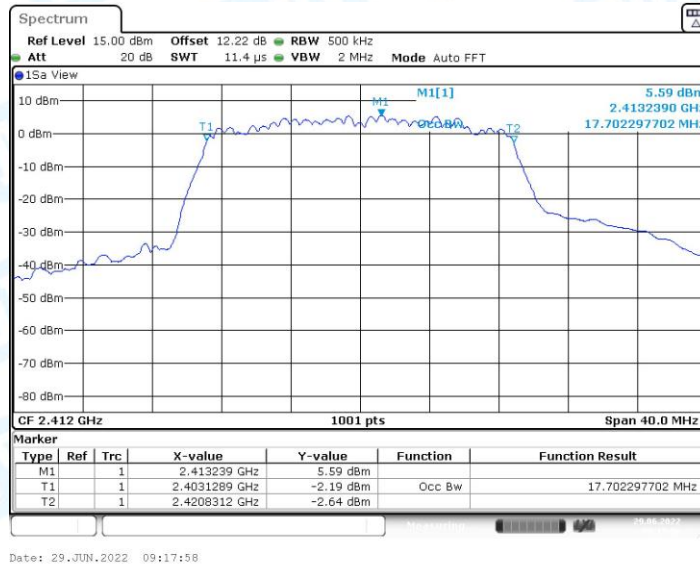
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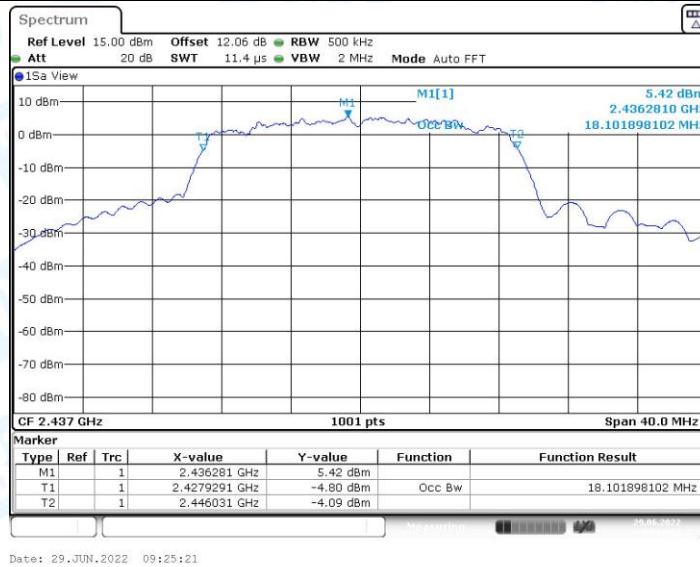
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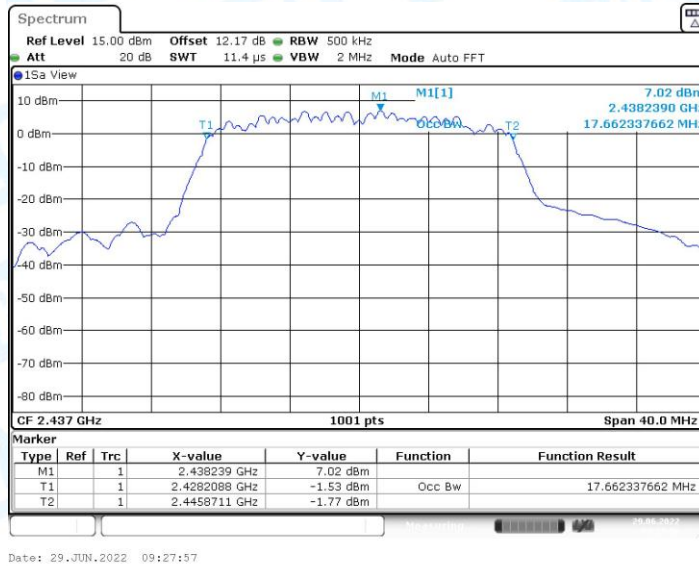
11N20MIMO_Ant1_2412



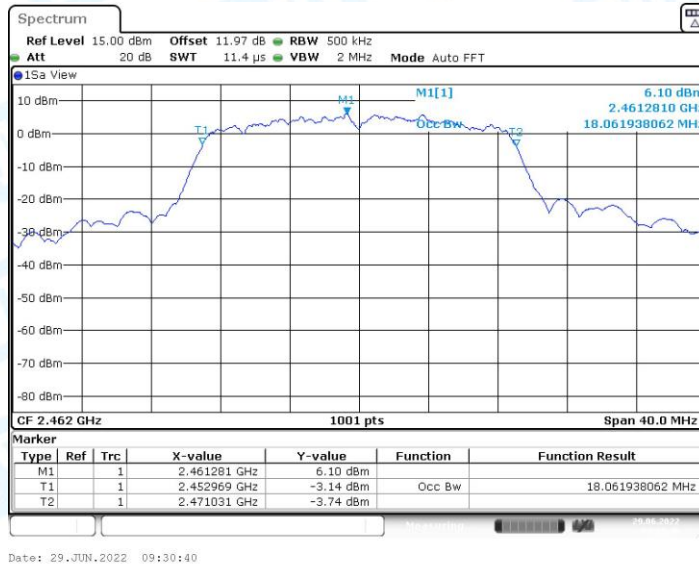
11N20MIMO_Ant2_2412



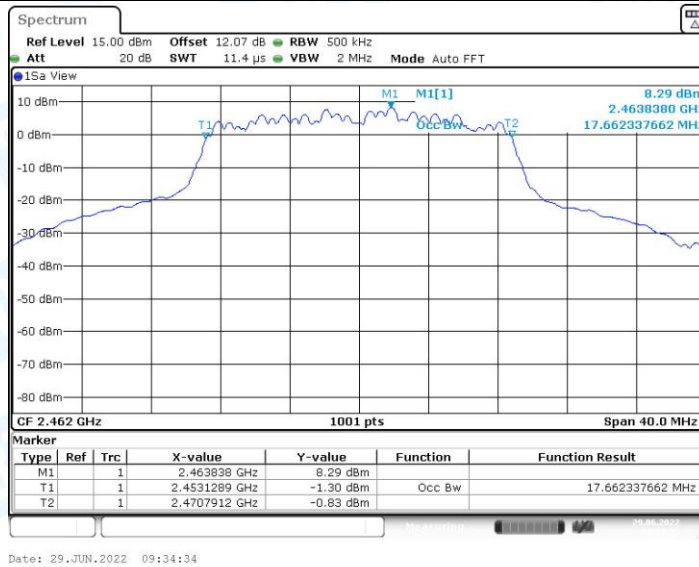
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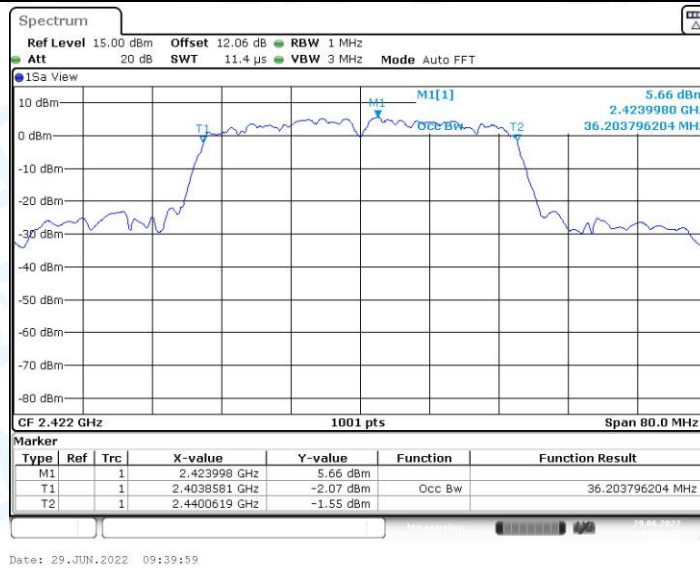
11N20MIMO_Ant2_2437



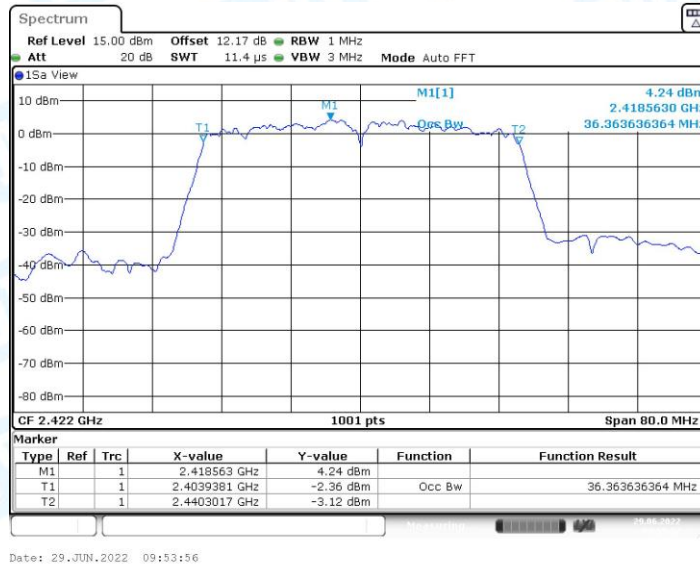
11N20MIMO_Ant1_2462



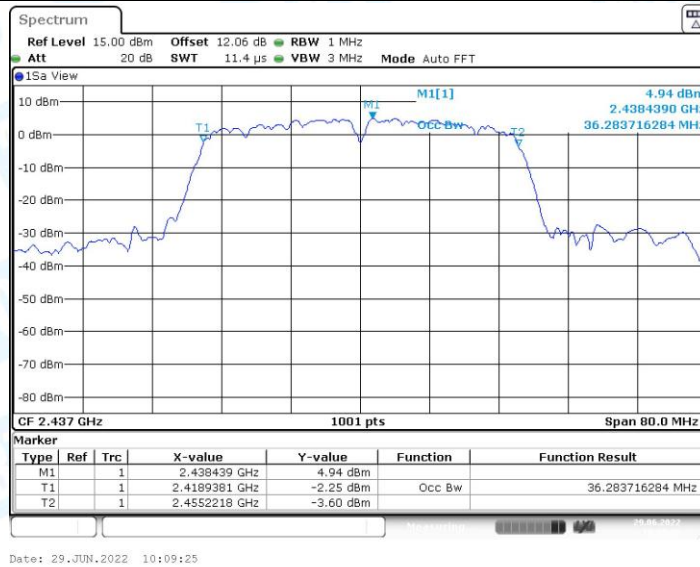
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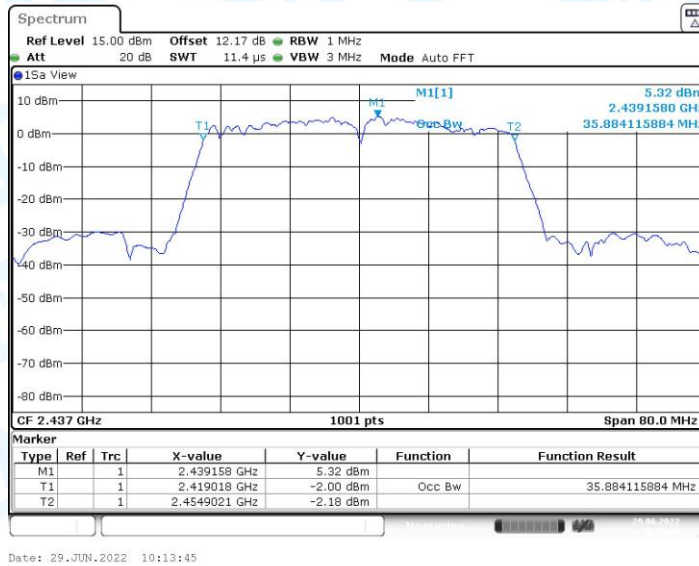
11N40MIMO_Ant1_2422



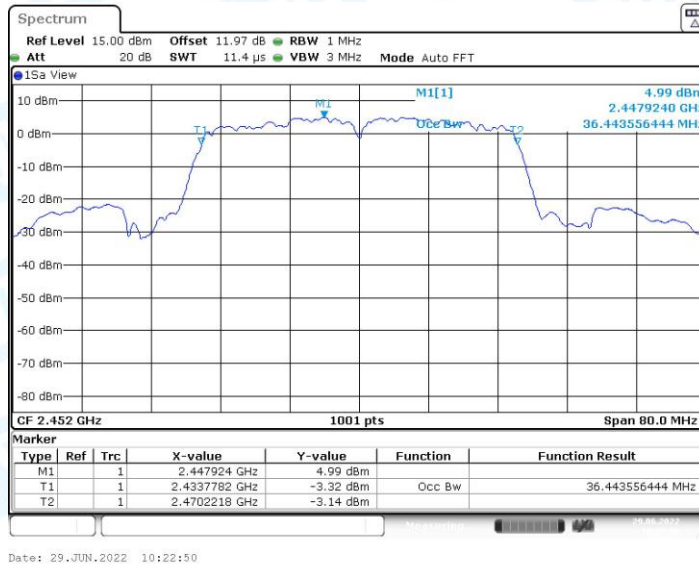
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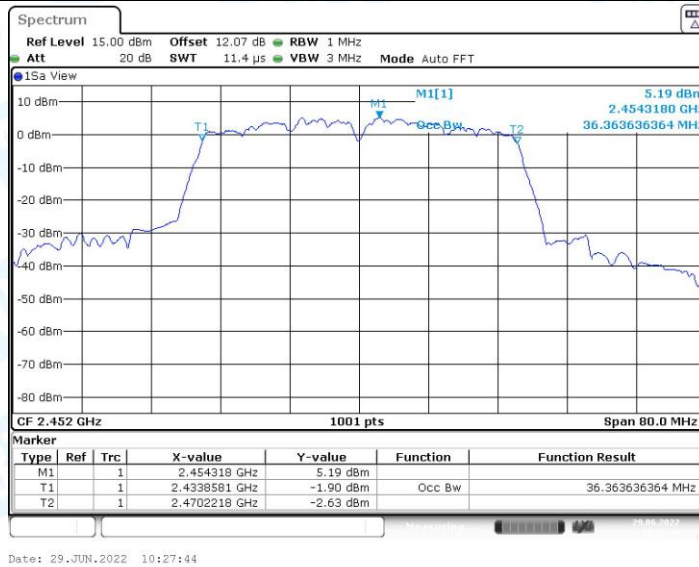
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

3. Maximum conducted output power

3.1. Test Result

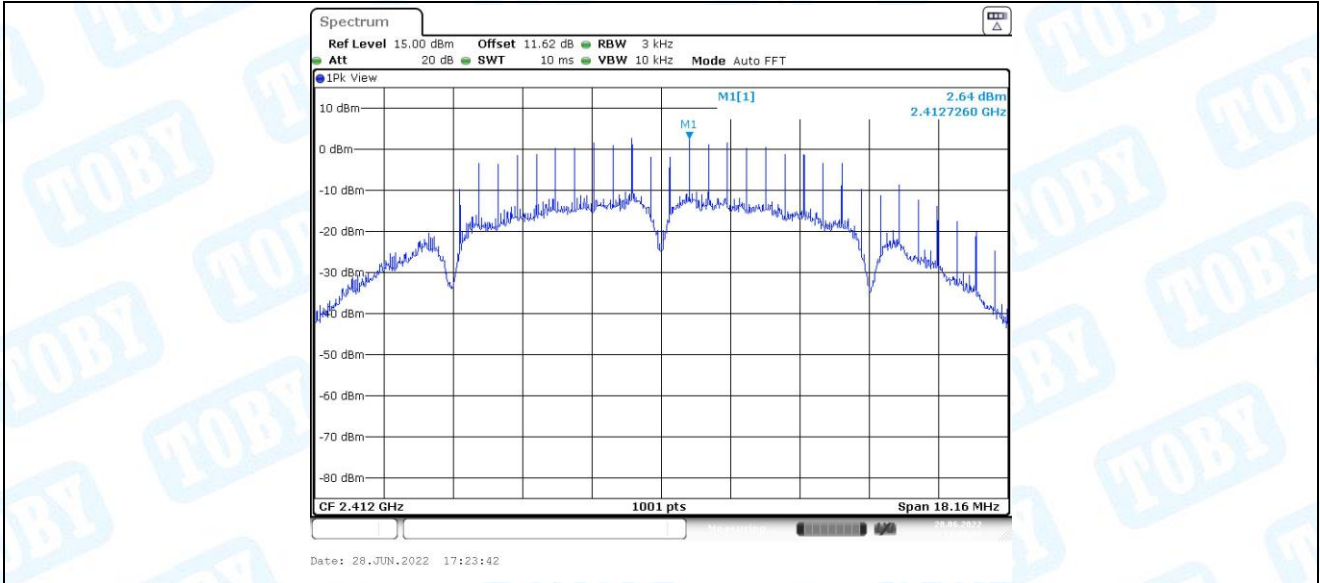
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	2412	13.53	≤30.00	PASS
	Ant2	2412	12.78	≤30.00	PASS
	total	2412	16.18	≤30.00	PASS
	Ant1	2437	13.70	≤30.00	PASS
	Ant2	2437	12.92	≤30.00	PASS
	total	2437	16.34	≤30.00	PASS
	Ant1	2462	14.09	≤30.00	PASS
	Ant2	2462	13.71	≤30.00	PASS
	total	2462	16.91	≤30.00	PASS
11G-CDD	Ant1	2412	13.46	≤30.00	PASS
	Ant2	2412	12.42	≤30.00	PASS
	total	2412	15.98	≤30.00	PASS
	Ant1	2437	13.97	≤30.00	PASS
	Ant2	2437	13.21	≤30.00	PASS
	total	2437	16.62	≤30.00	PASS
	Ant1	2462	13.58	≤30.00	PASS
	Ant2	2462	13.33	≤30.00	PASS
	total	2462	16.47	≤30.00	PASS
11N20MIMO	Ant1	2412	13.52	≤30.00	PASS
	Ant2	2412	13.05	≤30.00	PASS
	total	2412	16.30	≤30.00	PASS
	Ant1	2437	13.33	≤30.00	PASS
	Ant2	2437	12.72	≤30.00	PASS
	total	2437	16.05	≤30.00	PASS
	Ant1	2462	13.39	≤30.00	PASS
	Ant2	2462	13.37	≤30.00	PASS
	total	2462	16.39	≤30.00	PASS
11N40MIMO	Ant1	2422	13.28	≤30.00	PASS
	Ant2	2422	12.36	≤30.00	PASS
	total	2422	15.85	≤30.00	PASS
	Ant1	2437	12.72	≤30.00	PASS
	Ant2	2437	12.88	≤30.00	PASS
	total	2437	15.81	≤30.00	PASS
	Ant1	2452	12.89	≤30.00	PASS
	Ant2	2452	13.08	≤30.00	PASS
	total	2452	16.00	≤30.00	PASS

4. Maximum power spectral density

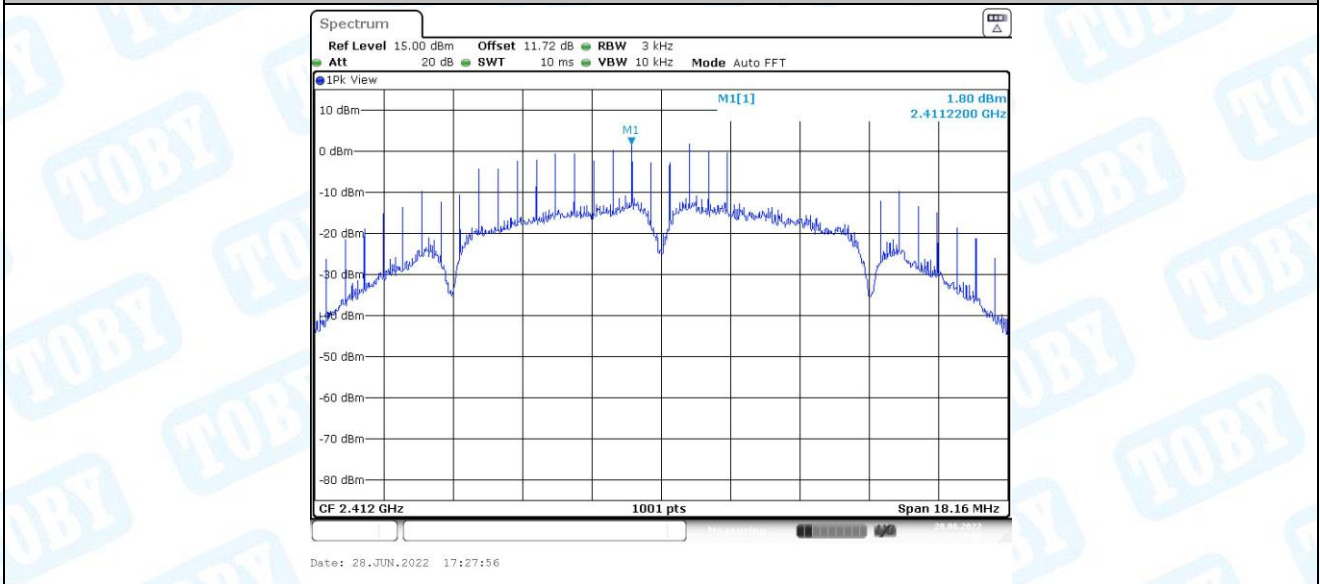
4.1. Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	2.64	≤8.00	PASS
	Ant2	2412	1.8	≤8.00	PASS
	total	2412	5.25	≤8.00	PASS
	Ant1	2437	2.8	≤8.00	PASS
	Ant2	2437	2.07	≤8.00	PASS
	total	2437	5.46	≤8.00	PASS
	Ant1	2462	3.06	≤8.00	PASS
	Ant2	2462	2.72	≤8.00	PASS
	total	2462	5.90	≤8.00	PASS
11G-CDD	Ant1	2412	-12.45	≤8.00	PASS
	Ant2	2412	-13.06	≤8.00	PASS
	total	2412	-9.73	≤8.00	PASS
	Ant1	2437	-11.13	≤8.00	PASS
	Ant2	2437	-12.96	≤8.00	PASS
	total	2437	-8.94	≤8.00	PASS
	Ant1	2462	-12.09	≤8.00	PASS
	Ant2	2462	-12.51	≤8.00	PASS
	total	2462	-9.28	≤8.00	PASS
11N20MIMO	Ant1	2412	-11.95	≤8.00	PASS
	Ant2	2412	-12.89	≤8.00	PASS
	total	2412	-9.38	≤8.00	PASS
	Ant1	2437	-11.06	≤8.00	PASS
	Ant2	2437	-12.53	≤8.00	PASS
	total	2437	-8.72	≤8.00	PASS
	Ant1	2462	-11.06	≤8.00	PASS
	Ant2	2462	-10.66	≤8.00	PASS
	total	2462	-7.85	≤8.00	PASS
11N40MIMO	Ant1	2422	-17.44	≤8.00	PASS
	Ant2	2422	-16.23	≤8.00	PASS
	total	2422	-13.78	≤8.00	PASS
	Ant1	2437	-14.59	≤8.00	PASS
	Ant2	2437	-16.4	≤8.00	PASS
	total	2437	-12.39	≤8.00	PASS
	Ant1	2452	-15.98	≤8.00	PASS
	Ant2	2452	-16.09	≤8.00	PASS
	total	2452	-13.02	≤8.00	PASS

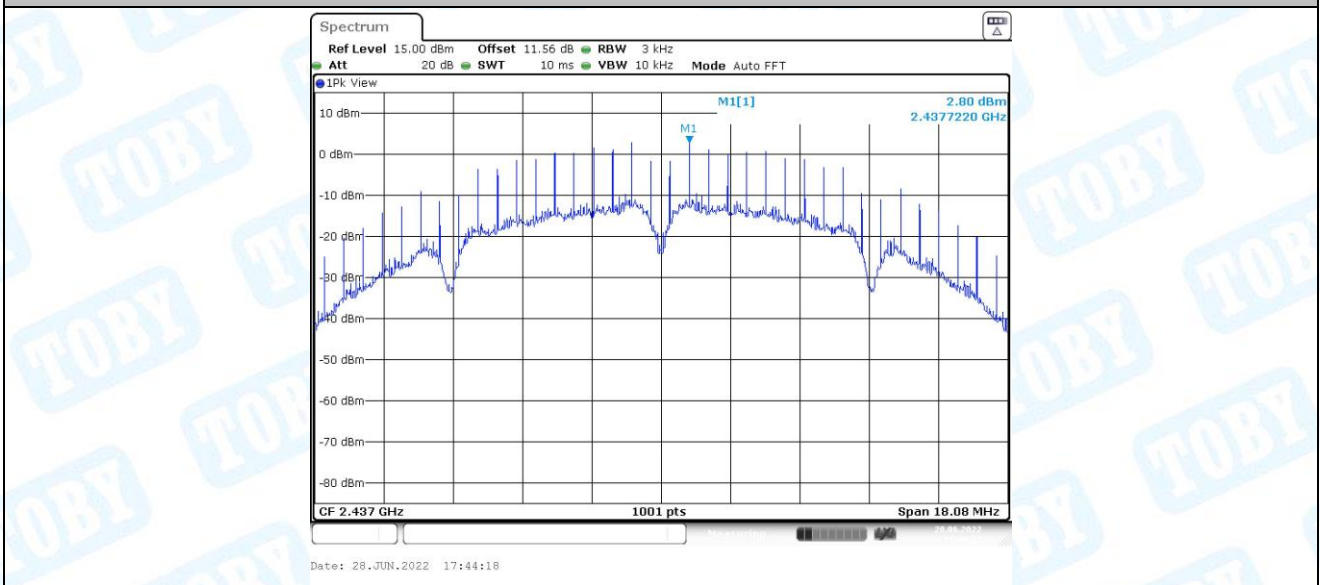
4.2. Test Graphs



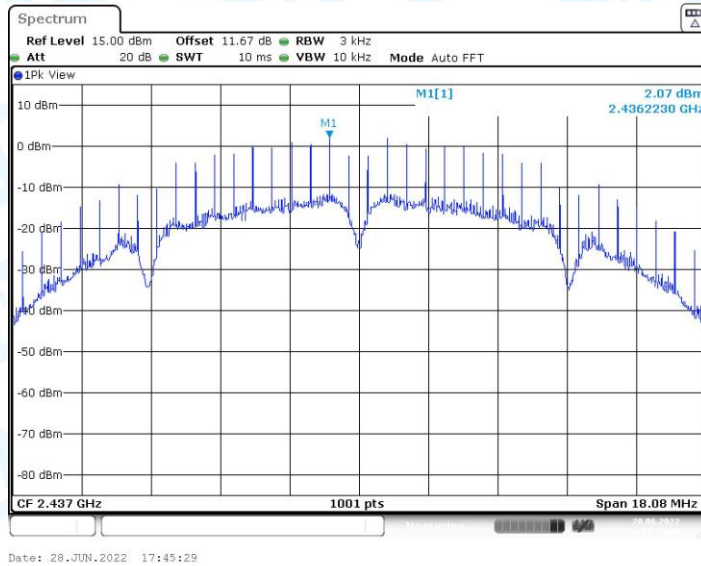
11B-CDD_Ant1_2412



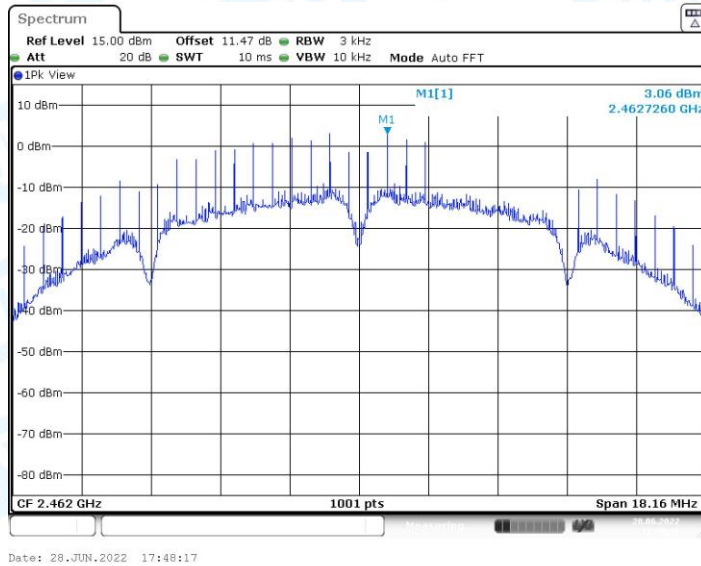
11B-CDD_Ant2_2412



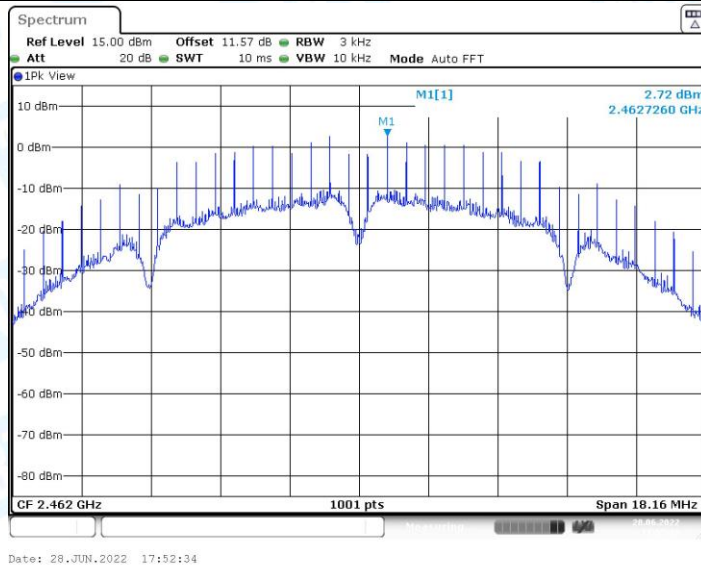
11B-CDD_Ant1_2437



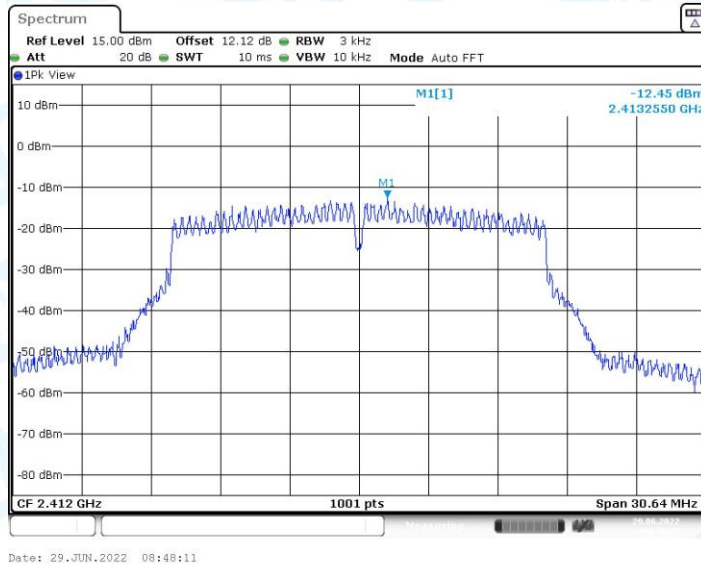
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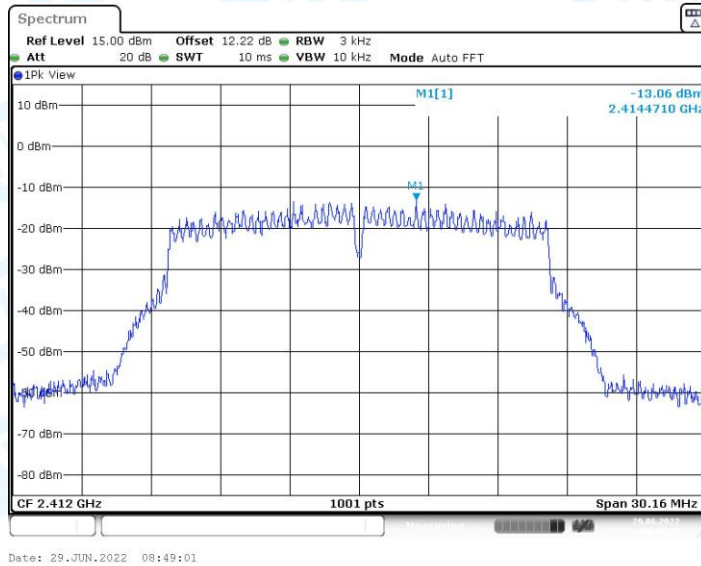
11B-CDD_Ant1_2462



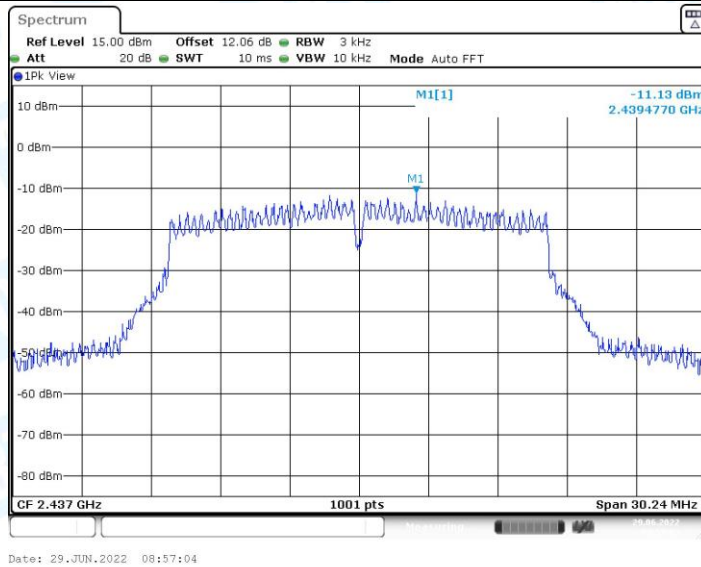
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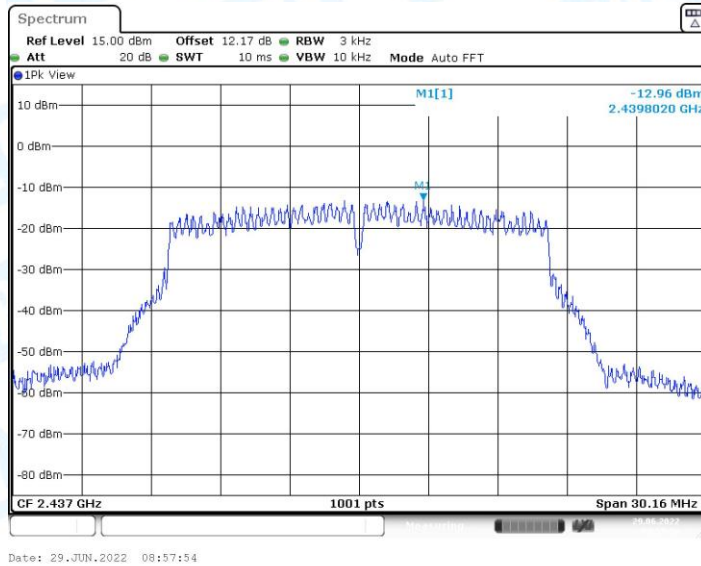
11G-CDD_Ant1_2412



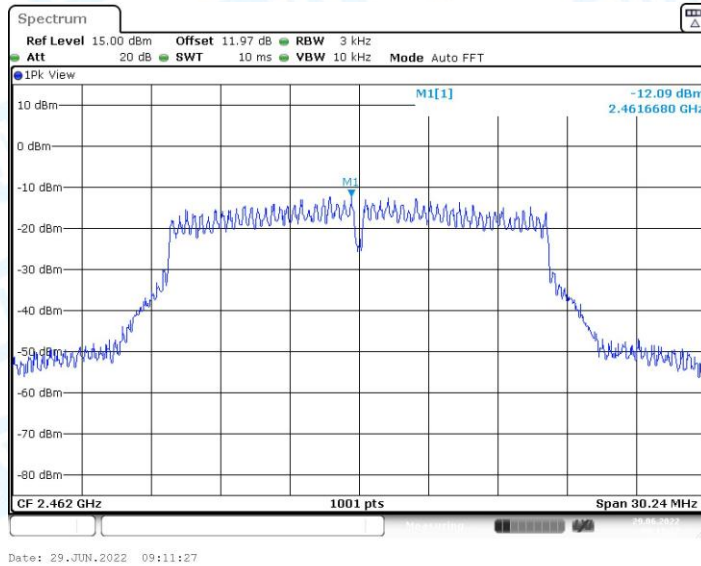
11G-CDD_Ant2_2412



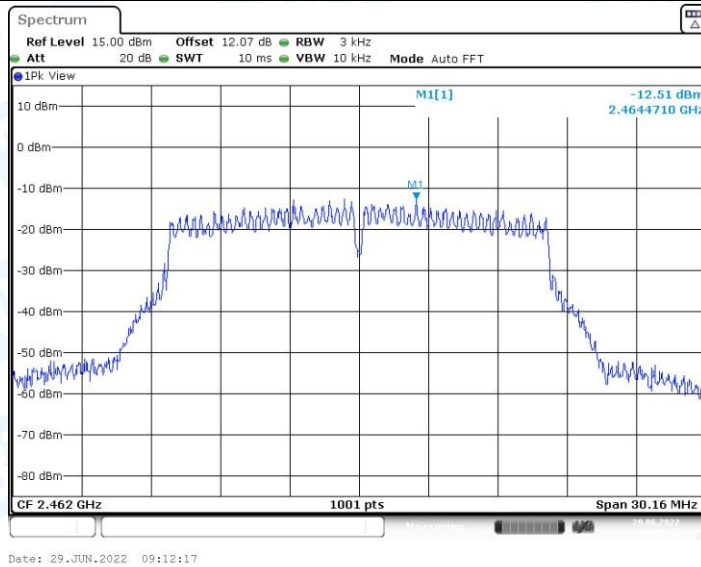
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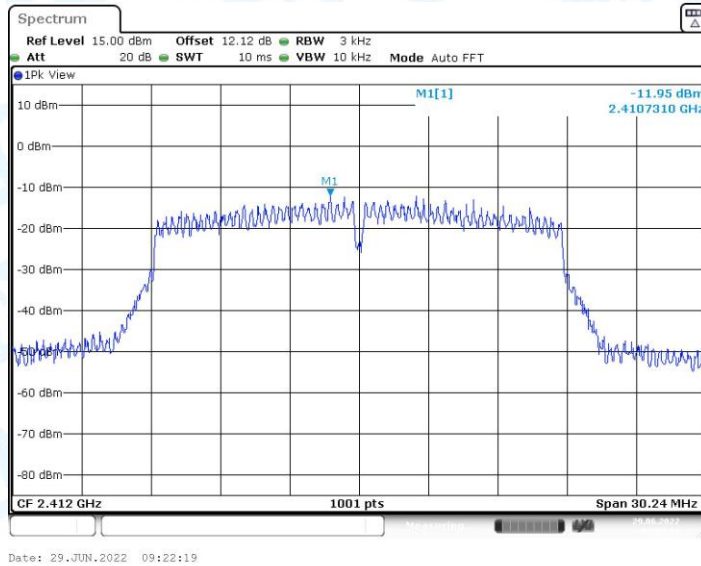
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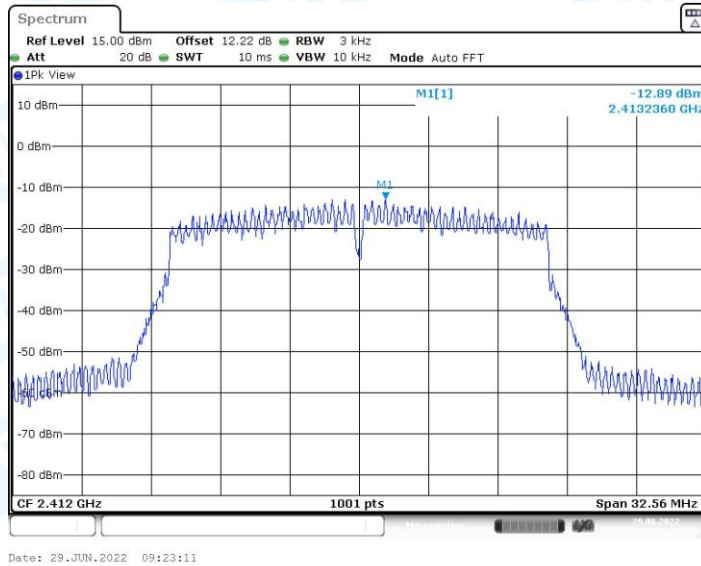
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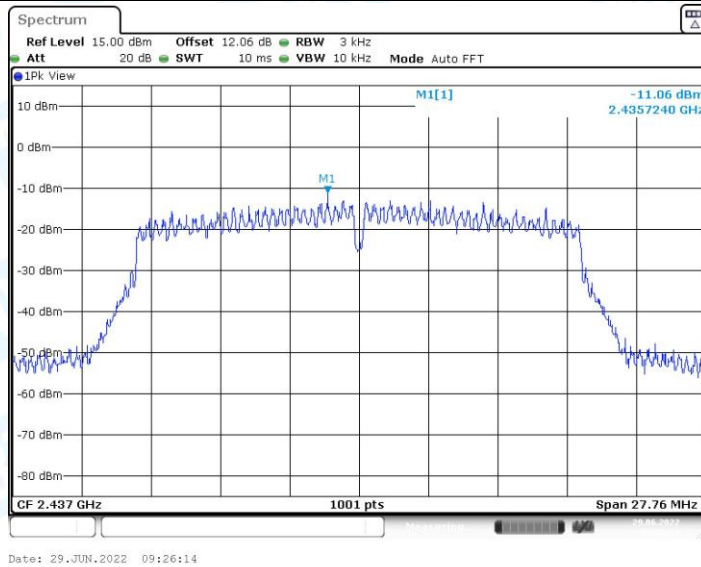
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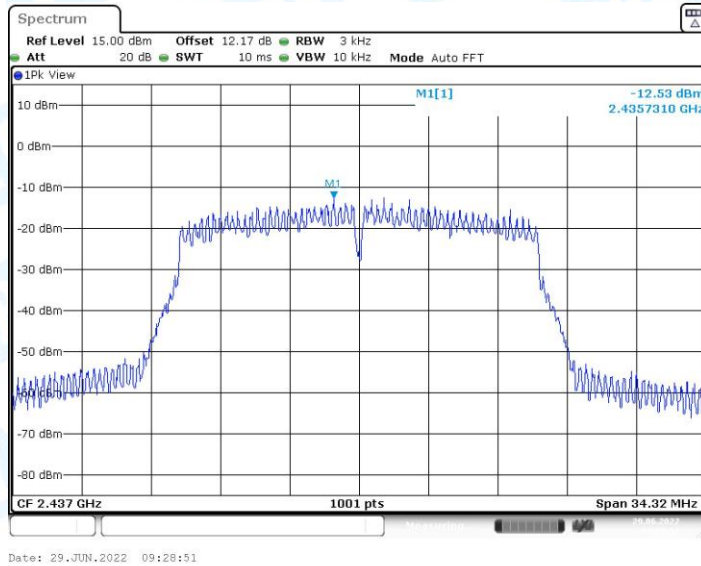
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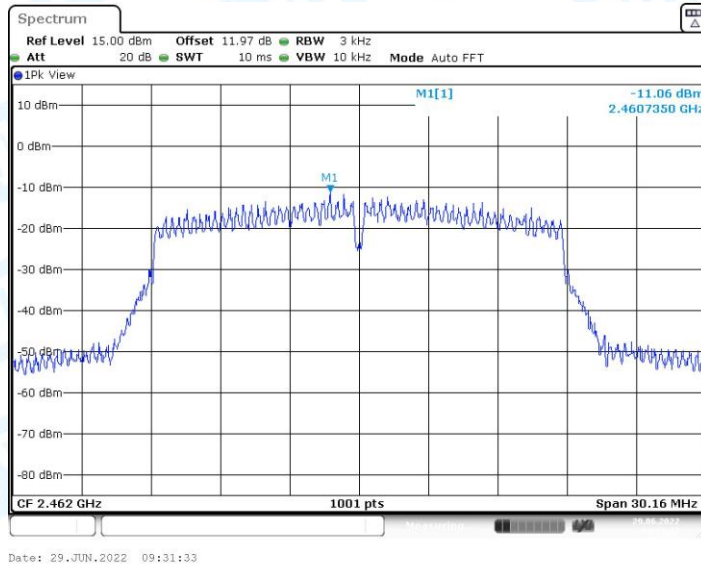
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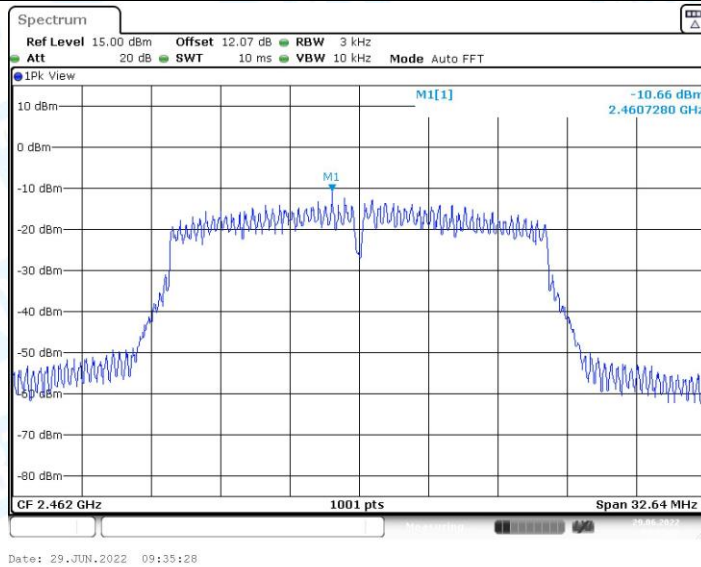
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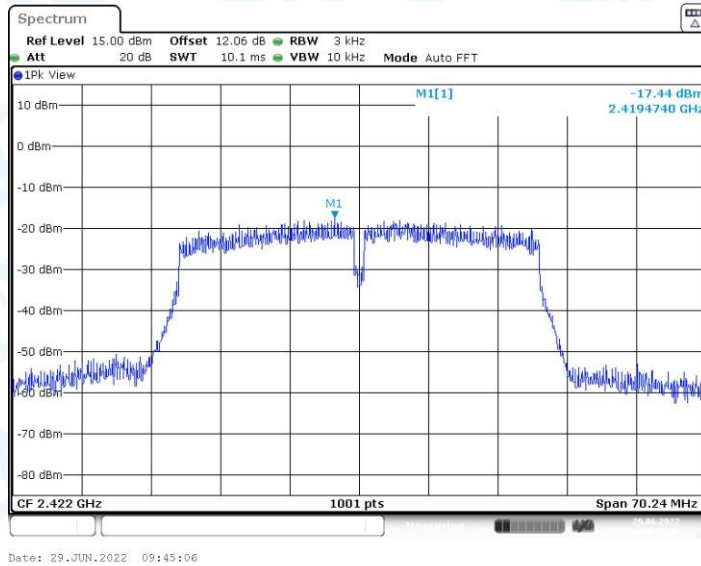
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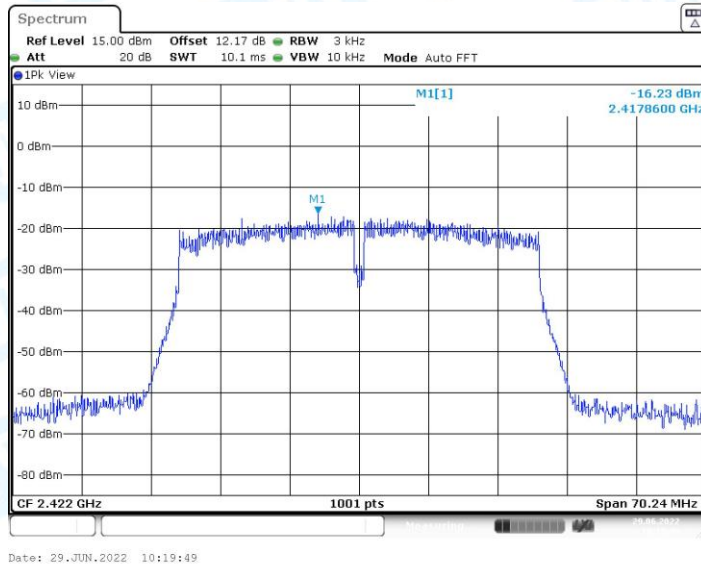
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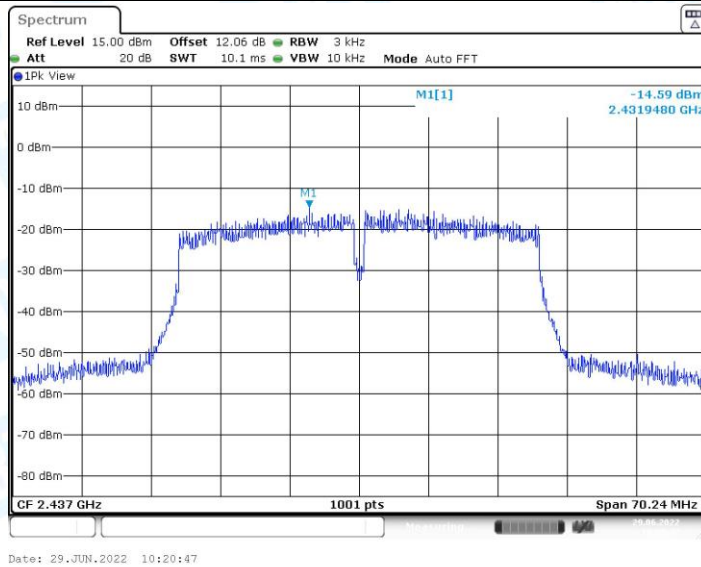
11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437