

Appendix Test Data

Report No.:	18220WC20245201	Test Sample No.:	1-2-2
Start Test Date:	2022.10.28	Finish Test Date:	2022.10.28
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

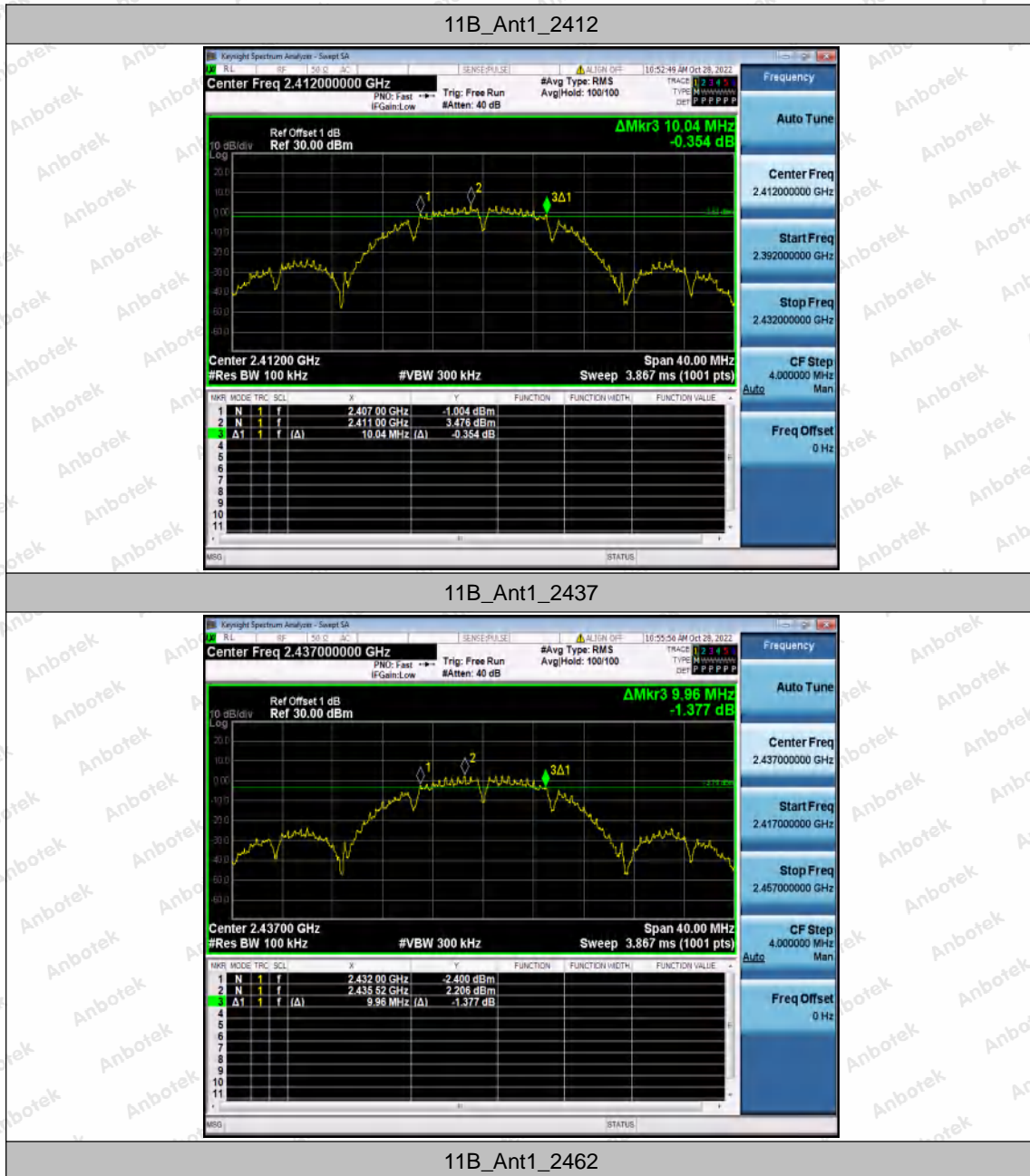
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.040	2407.000	2417.040	≥0.5	PASS
		2437	9.960	2432.000	2441.960	≥0.5	PASS
		2462	10.040	2457.000	2467.040	≥0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	≥0.5	PASS
		2437	16.320	2428.840	2445.160	≥0.5	PASS
		2462	15.920	2453.840	2469.760	≥0.5	PASS
11N20	Ant1	2412	17.280	2403.240	2420.520	≥0.5	PASS
		2437	16.400	2428.760	2445.160	≥0.5	PASS
		2462	16.560	2453.600	2470.160	≥0.5	PASS
11N40	Ant1	2422	35.400	2404.120	2439.520	≥0.5	PASS
		2437	35.160	2419.420	2454.580	≥0.5	PASS
		2452	35.340	2434.240	2469.580	≥0.5	PASS



Test Graphs

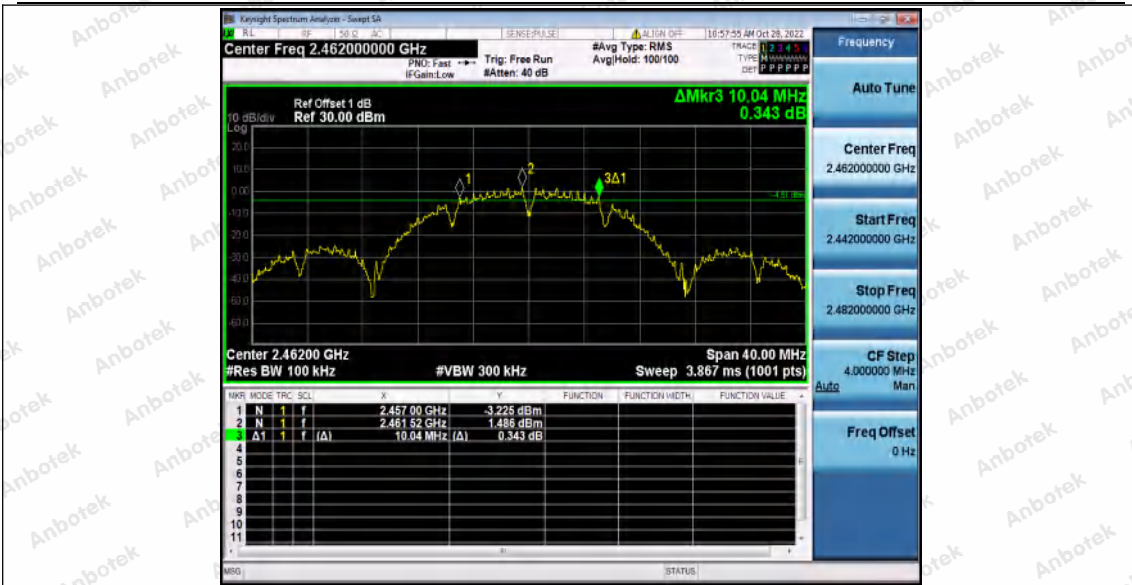


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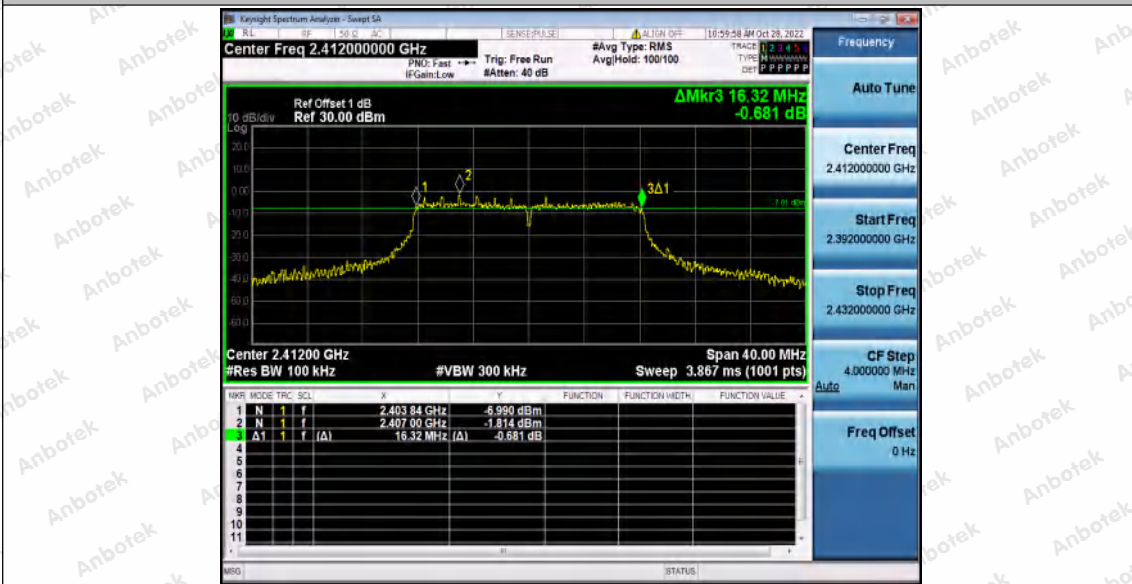
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11G_Ant1_2412



11G_Ant1_2437

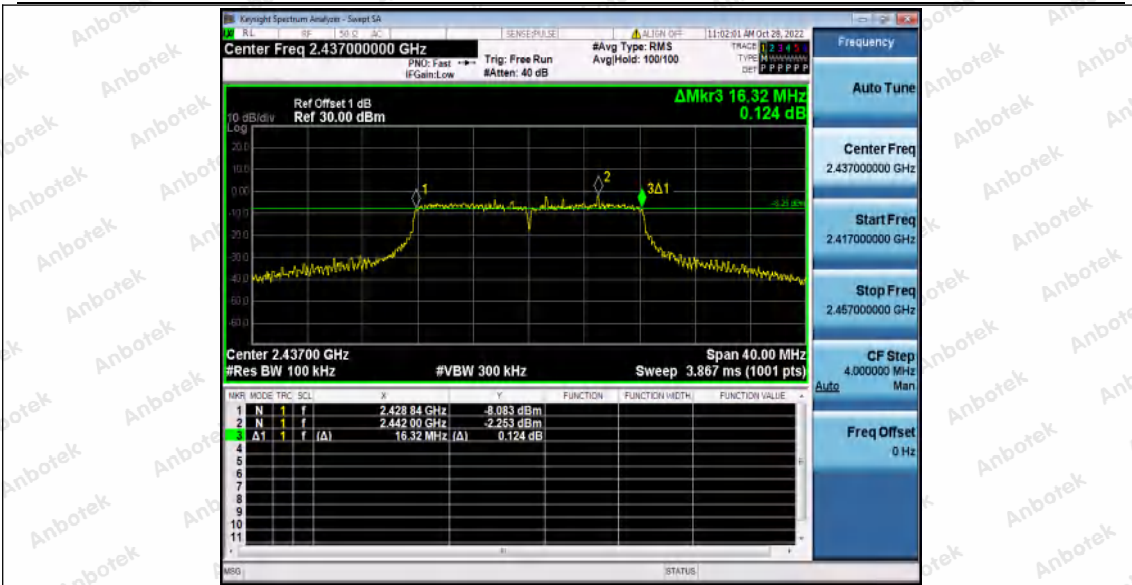
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11G_Ant1_2462



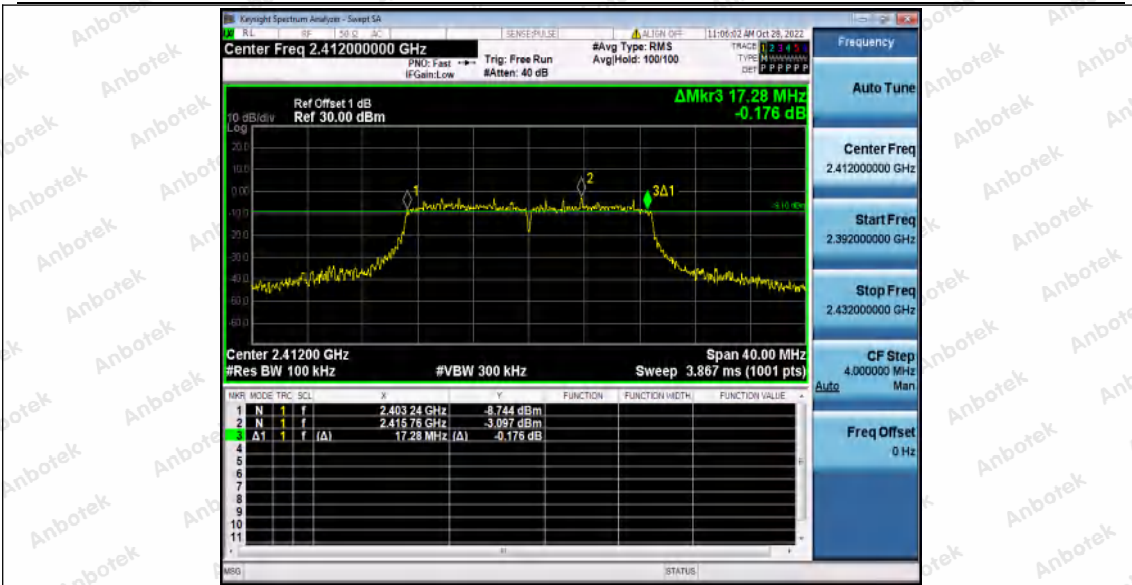
11N20_Ant1_2412

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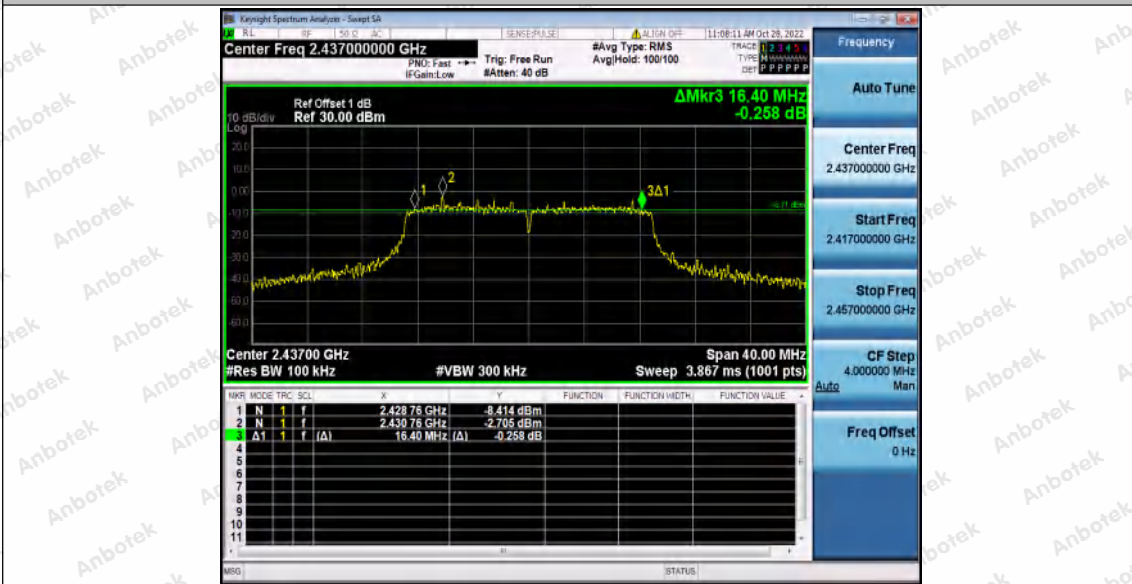
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11N20_Ant1_2437



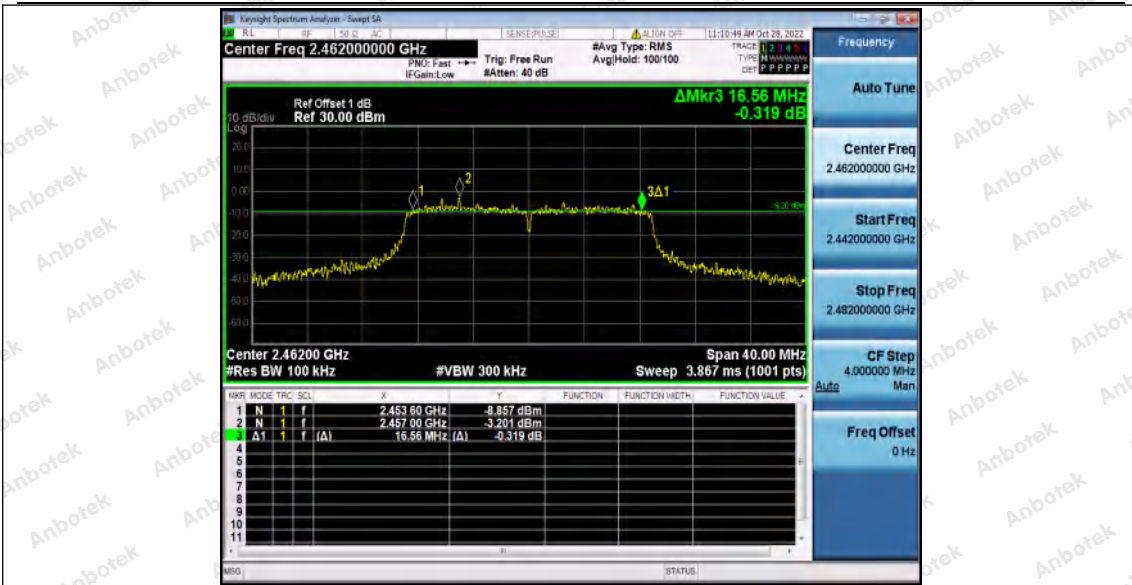
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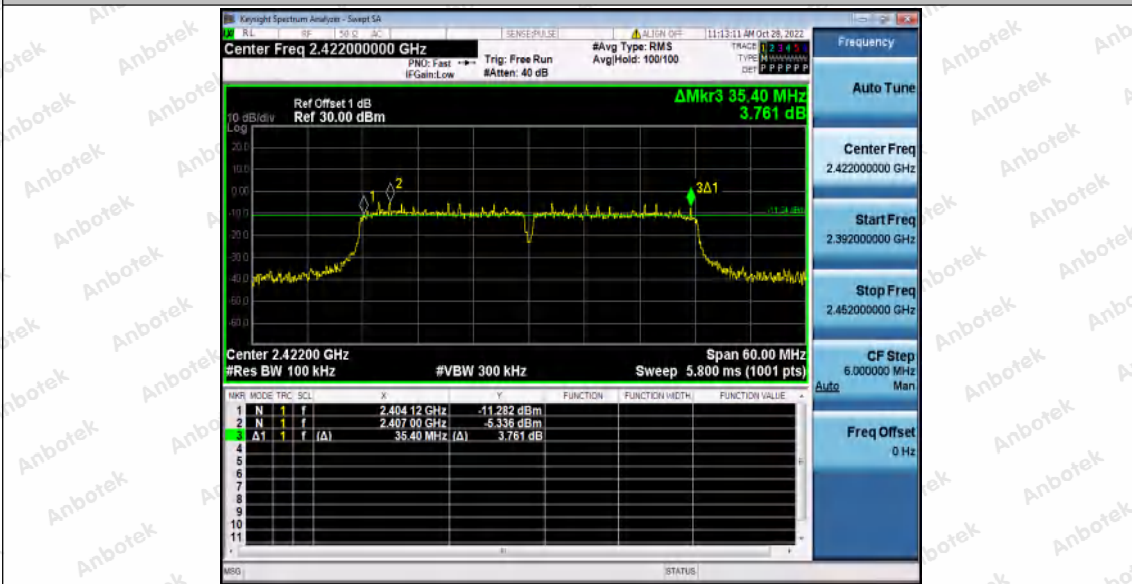
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11N40_Ant1_2422



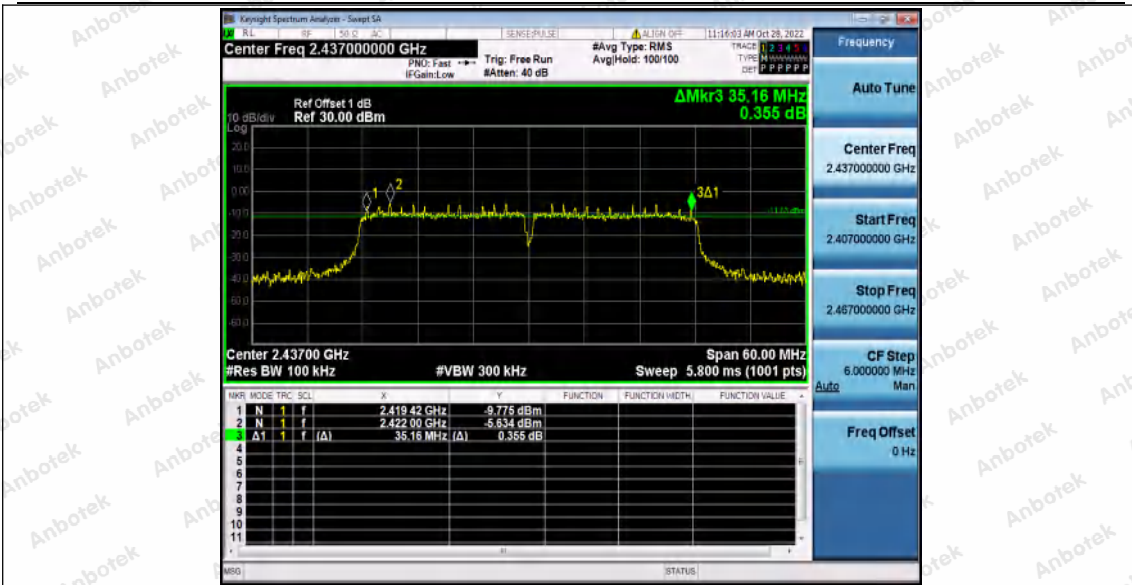
11N40_Ant1_2437

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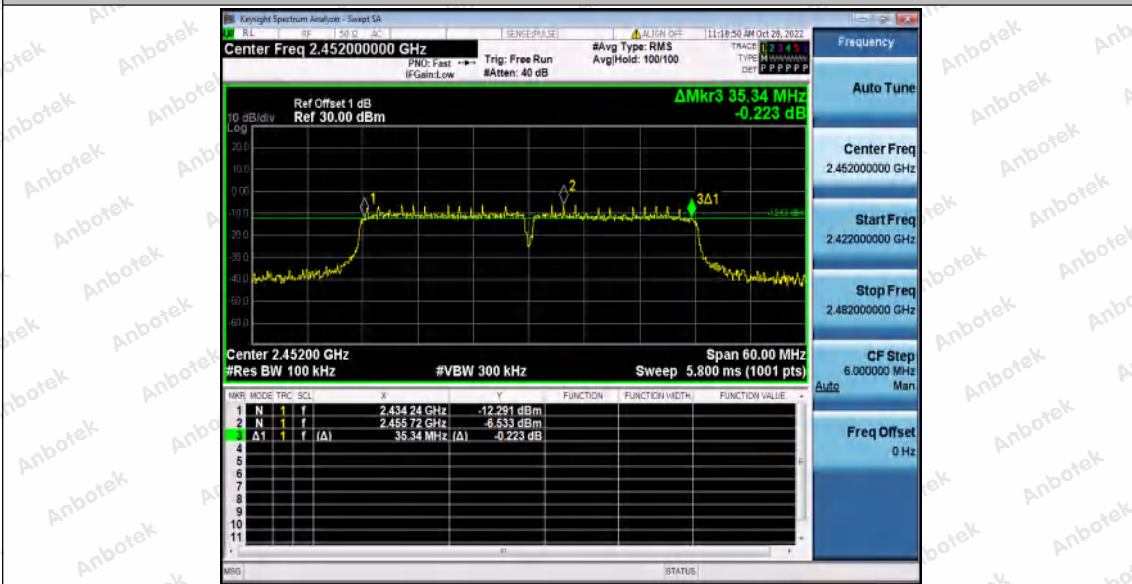
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11N40_Ant1_2452



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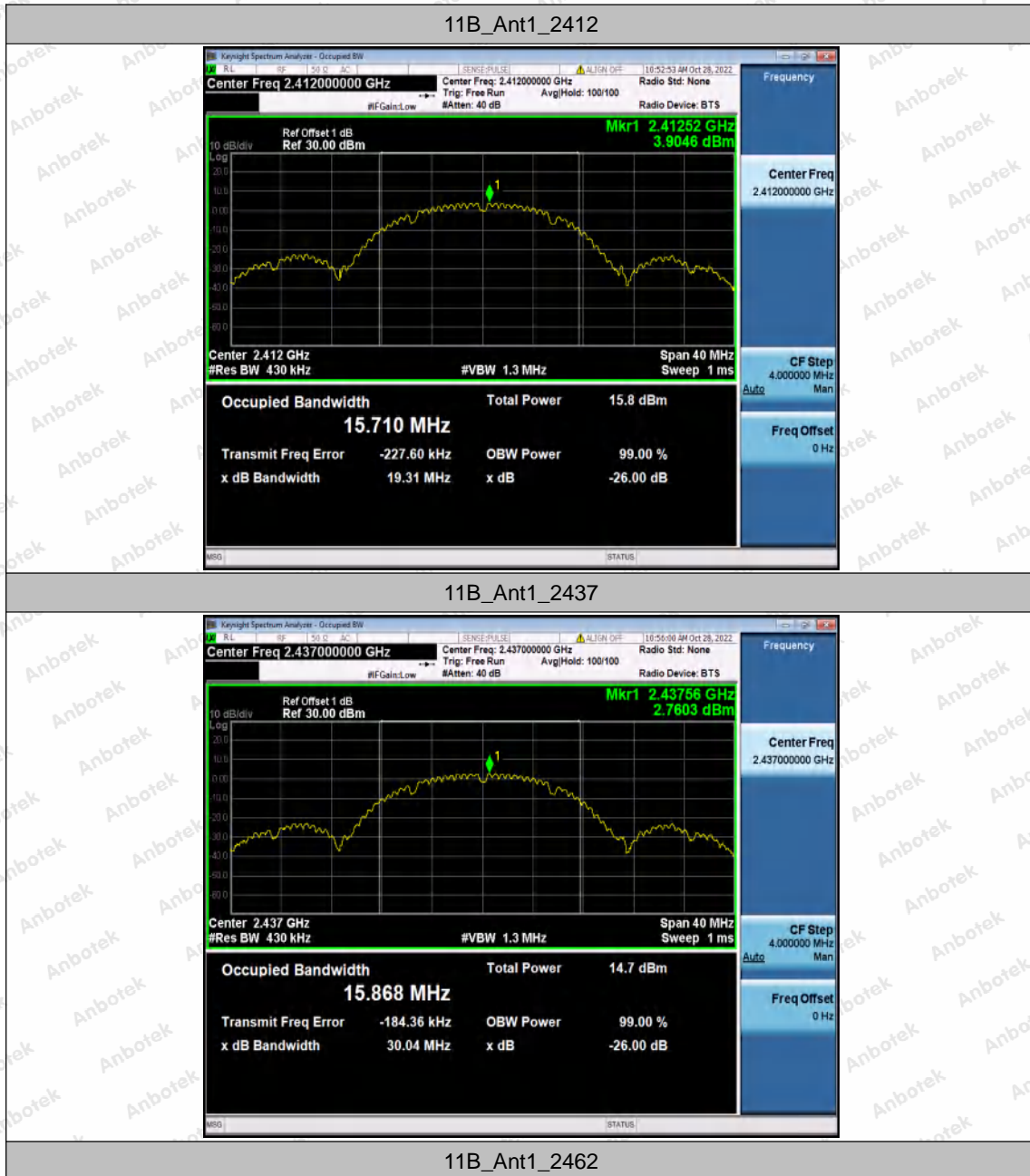
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.710	2403.9174	2419.6274	---	---
		2437	15.868	2428.8816	2444.7496	---	---
		2462	16.000	2453.7748	2469.7748	---	---
11G	Ant1	2412	17.055	2403.4711	2420.5261	---	---
		2437	17.157	2428.4595	2445.6165	---	---
		2462	17.271	2453.3497	2470.6207	---	---
11N20	Ant1	2412	17.968	2403.0007	2420.9687	---	---
		2437	18.049	2427.9660	2446.0150	---	---
		2462	18.074	2452.9259	2470.9999	---	---
11N40	Ant1	2422	36.301	2403.8598	2440.1608	---	---
		2437	36.301	2418.8472	2455.1482	---	---
		2452	36.238	2433.8630	2470.1010	---	---



Test Graphs





11G_Ant1_2412



11G_Ant1_2437

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11G_Ant1_2462



11N20_Ant1_2412

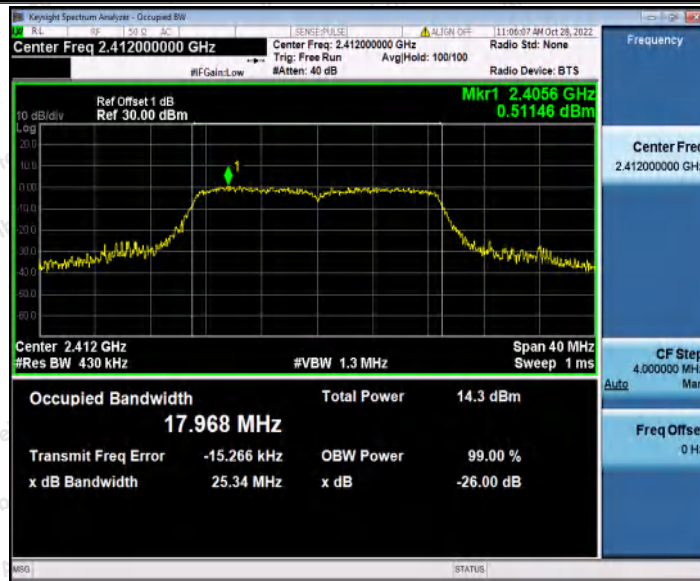
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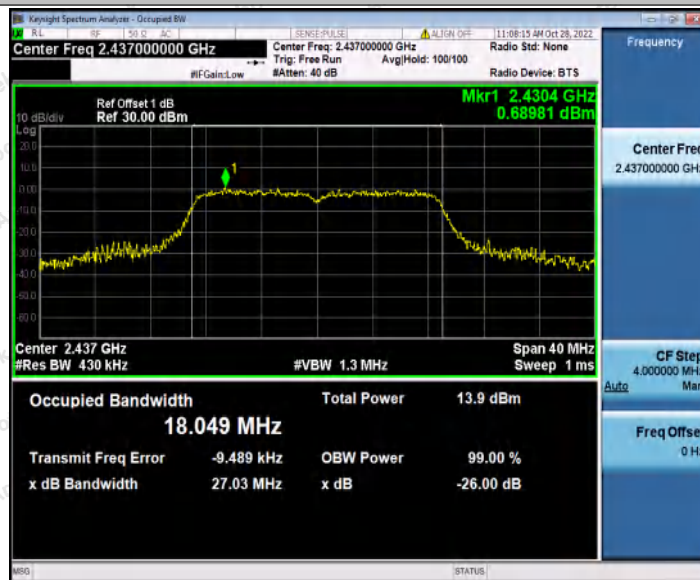


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11N20_Ant1_2437



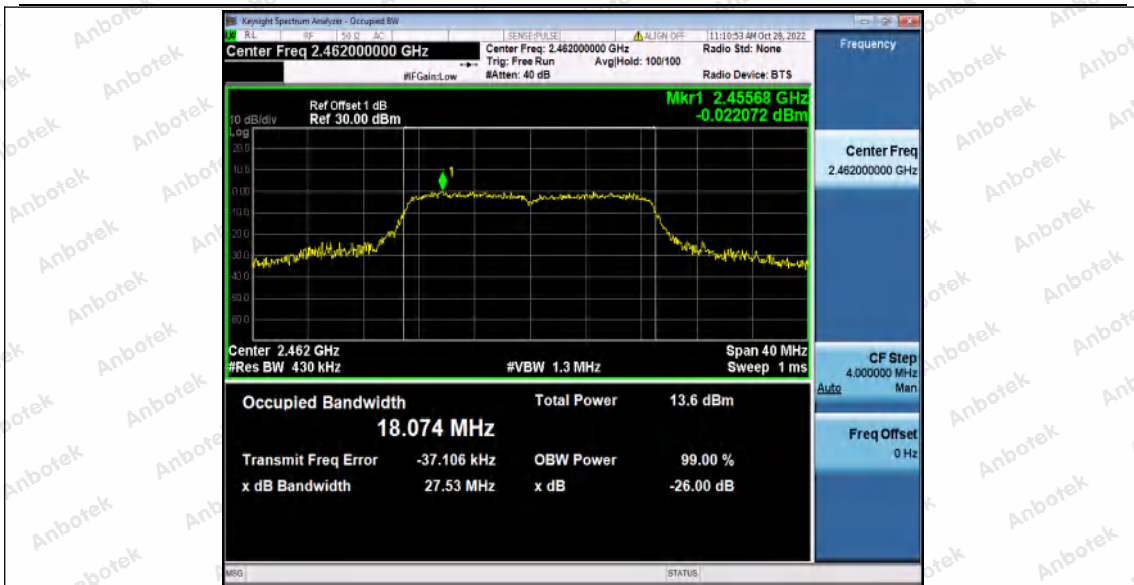
11N20_Ant1_2462

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11N40_Ant1_2422



11N40_Ant1_2437

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11N40_Ant1_2452



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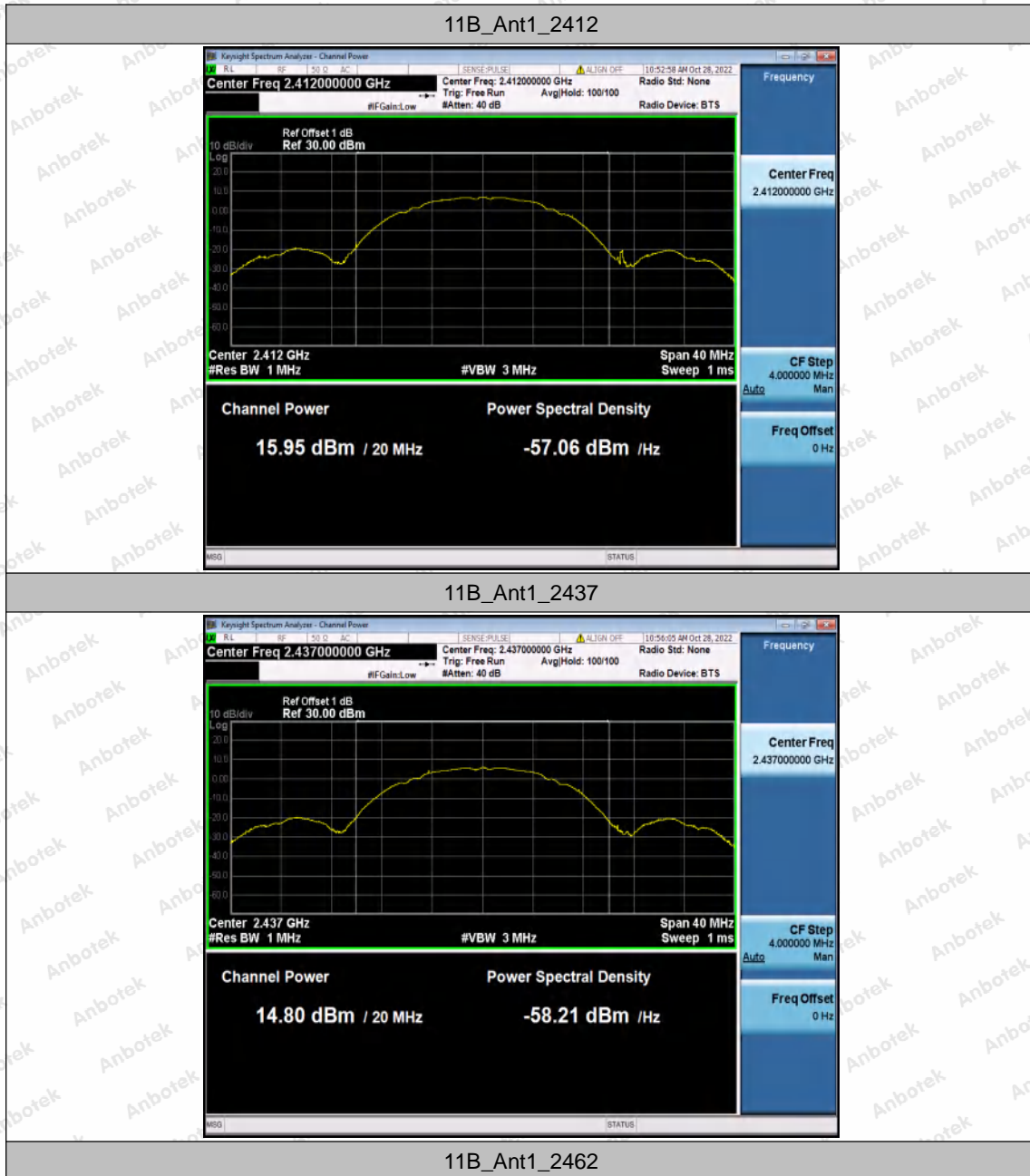
Appendix C: Maximum conducted output power

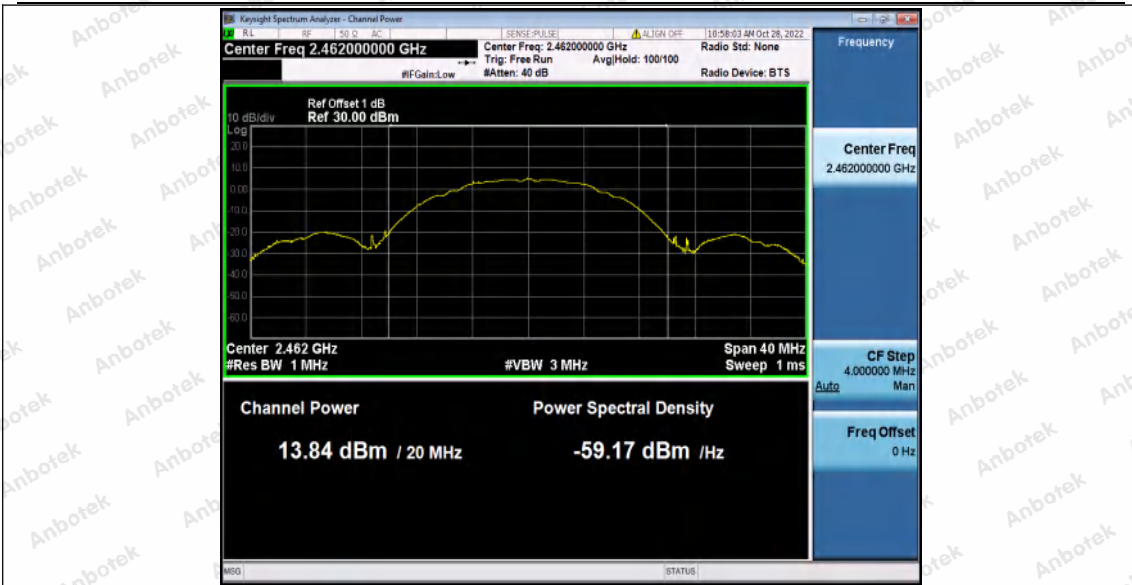
Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	15.95	≤30.00
		2437	14.80	≤30.00
		2462	13.84	≤30.00
11G	Ant1	2412	16.30	≤30.00
		2437	15.83	≤30.00
		2462	15.46	≤30.00
11N20	Ant1	2412	15.46	≤30.00
		2437	15.06	≤30.00
		2462	14.70	≤30.00
11N40	Ant1	2422	12.94	≤30.00
		2437	12.60	≤30.00
		2452	12.11	≤30.00



Test Graphs Peak





11G_Ant1_2412



11G_Ant1_2437

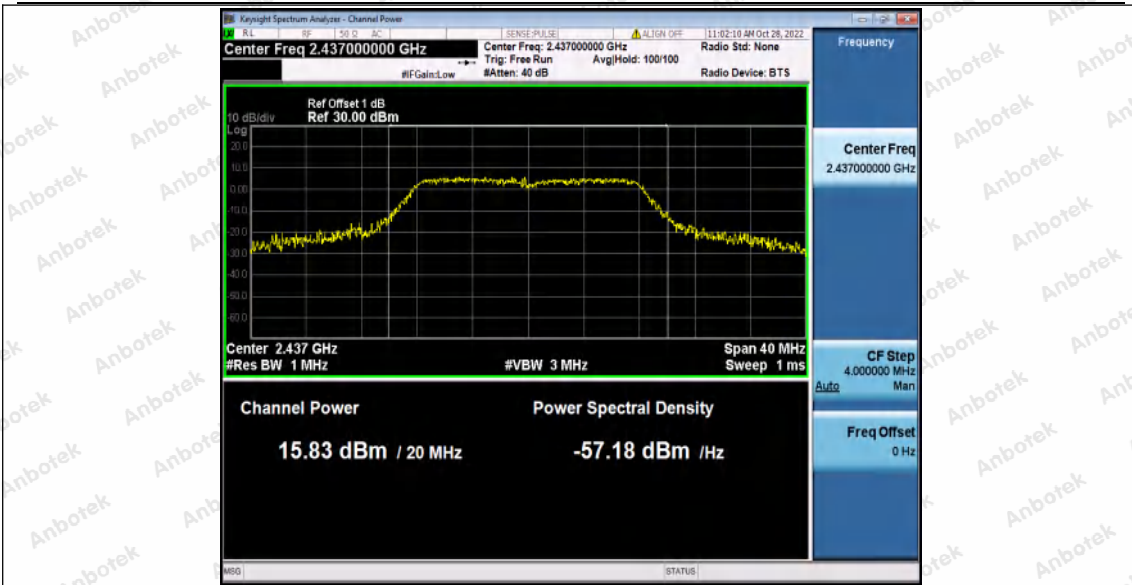
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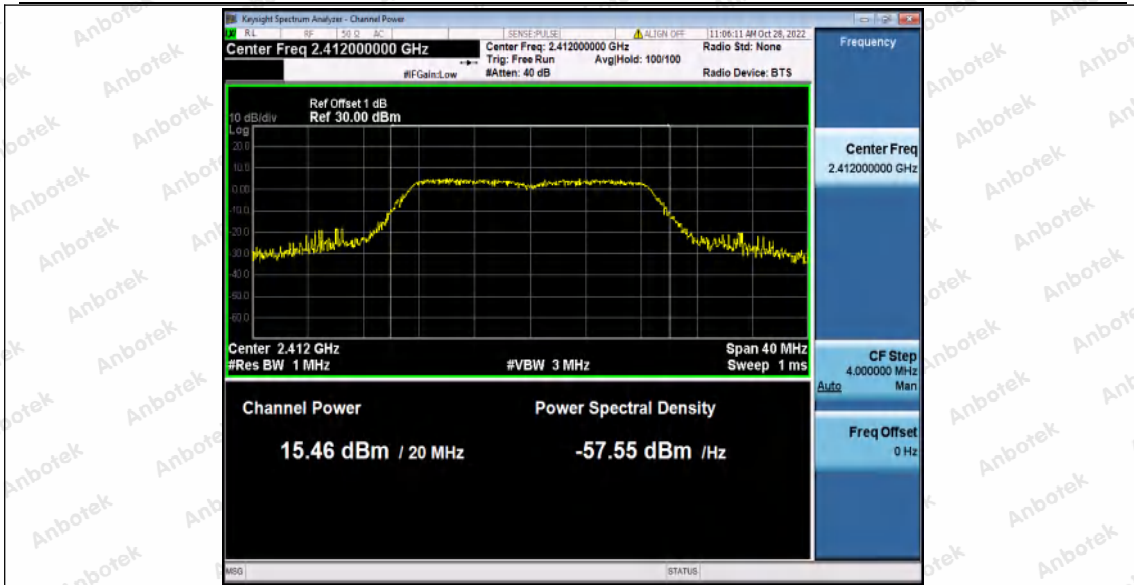


11G_Ant1_2462



11N20_Ant1_2412





11N20_Ant1_2437



11N20_Ant1_2462

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11N40_Ant1_2422



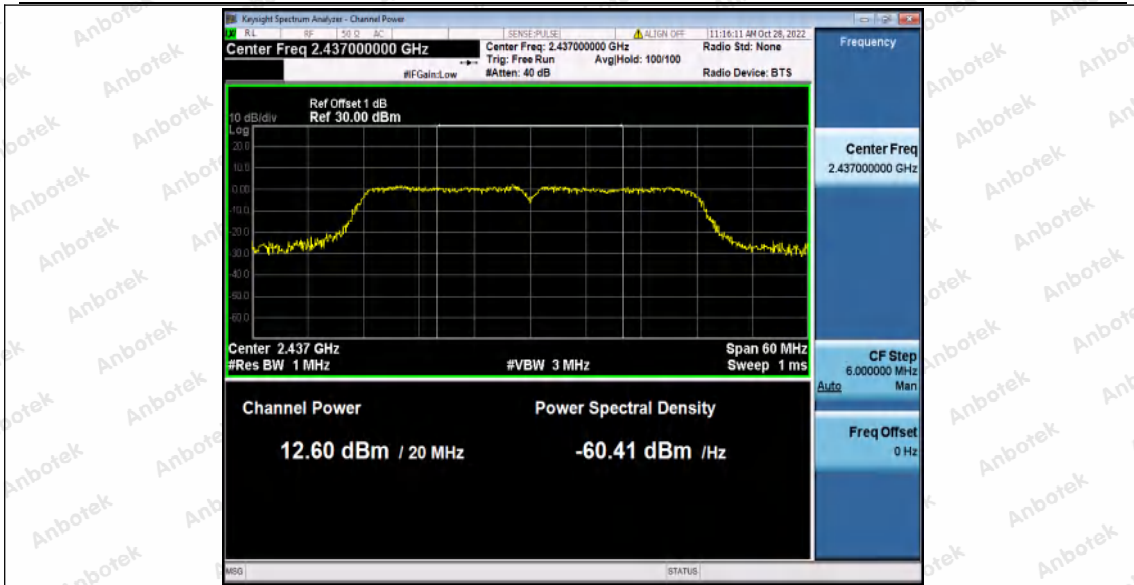
11N40_Ant1_2437

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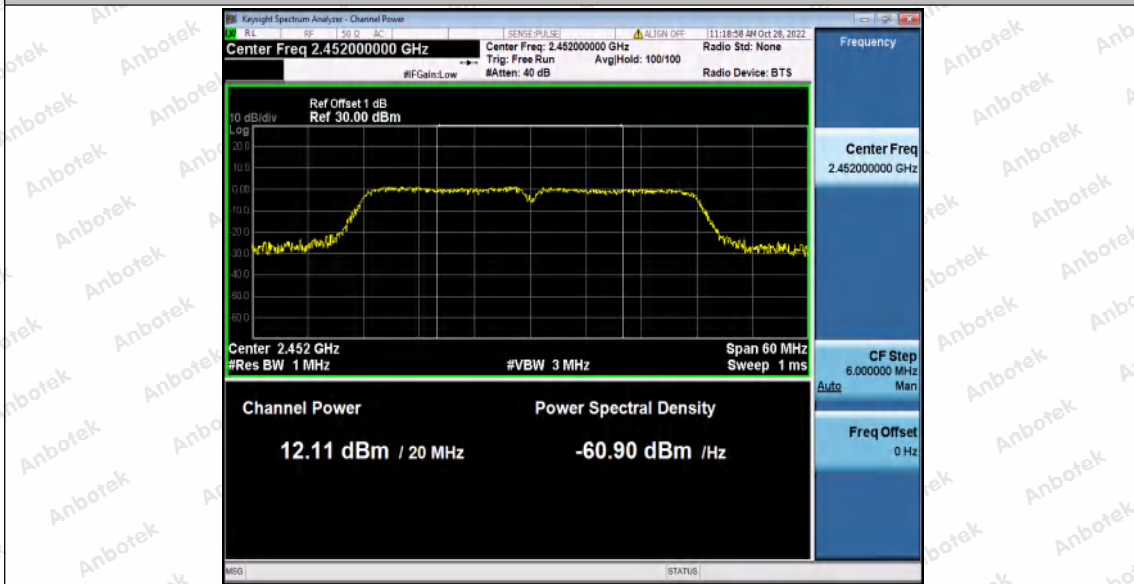
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11N40_Ant1_2452



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Maximum conducted output power

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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.66	≤8.00	PASS
		2437	-11.22	≤8.00	PASS
		2462	-12.05	≤8.00	PASS
11G	Ant1	2412	-15.69	≤8.00	PASS
		2437	-16.4	≤8.00	PASS
		2462	-16.61	≤8.00	PASS
11N20	Ant1	2412	-16.04	≤8.00	PASS
		2437	-17.62	≤8.00	PASS
		2462	-16.8	≤8.00	PASS
11N40	Ant1	2422	-20.32	≤8.00	PASS
		2437	-20.67	≤8.00	PASS
		2452	-21.19	≤8.00	PASS

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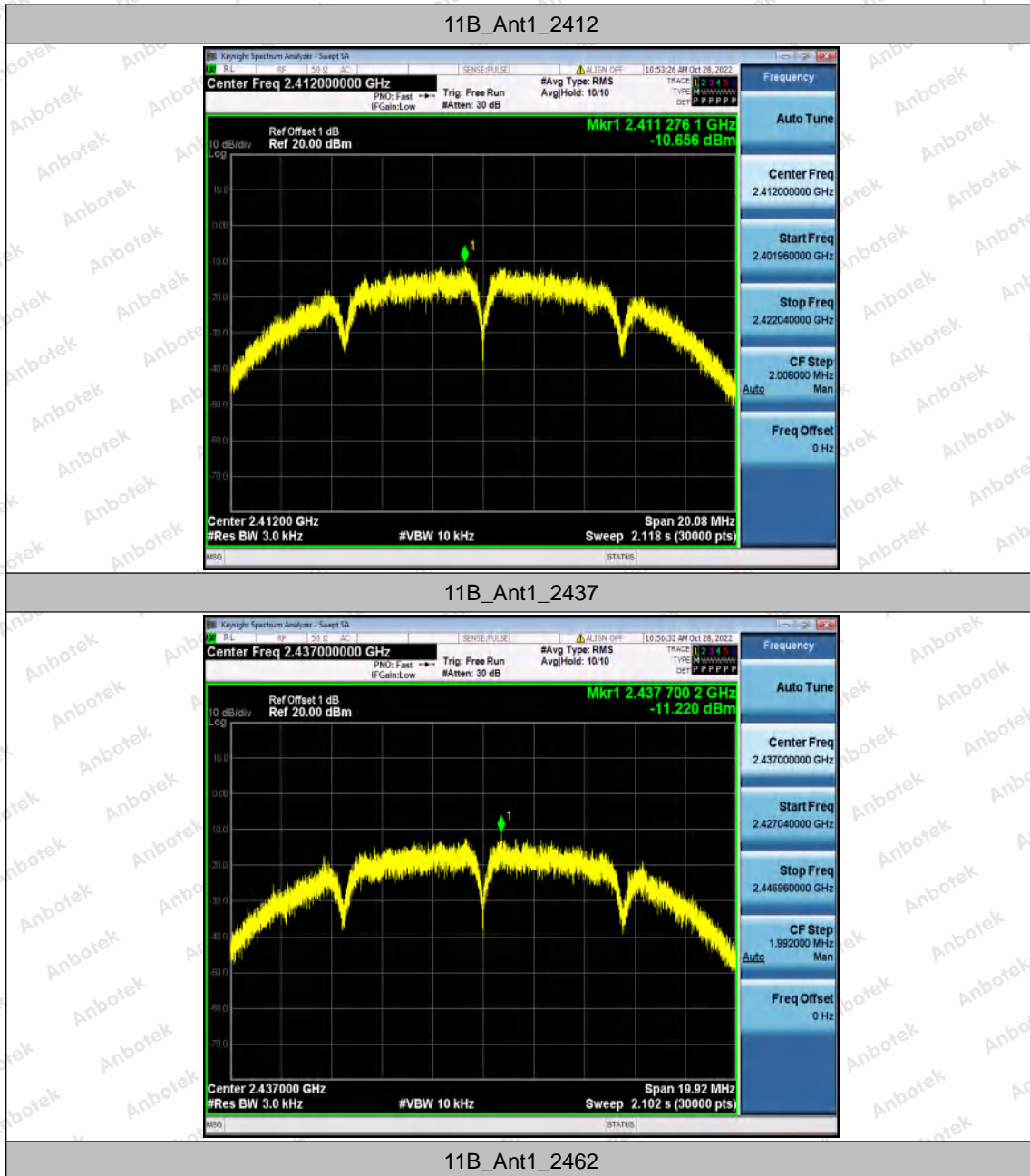
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Test Graphs

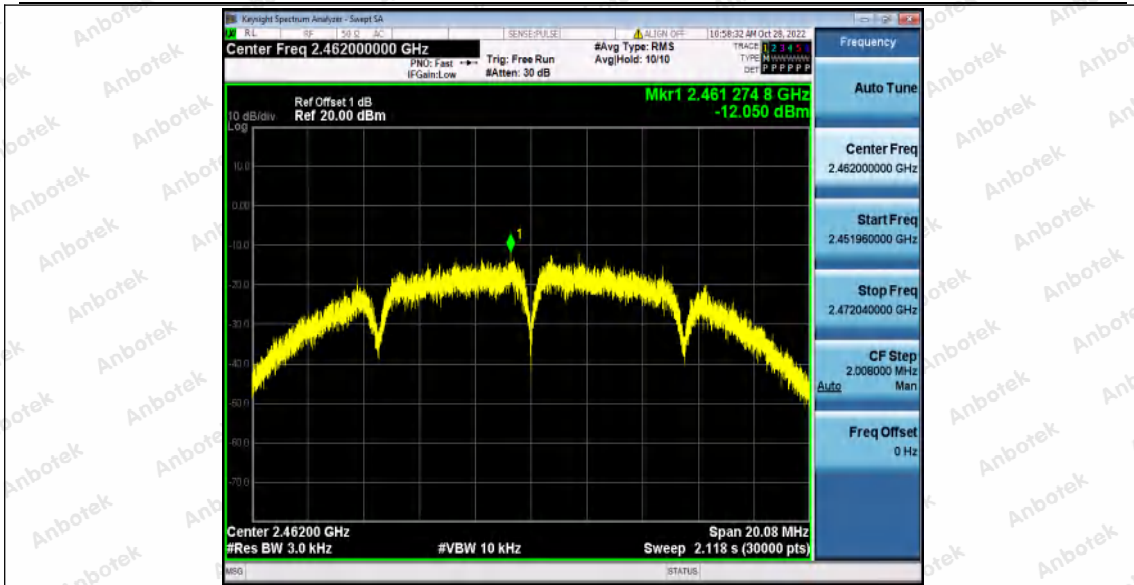


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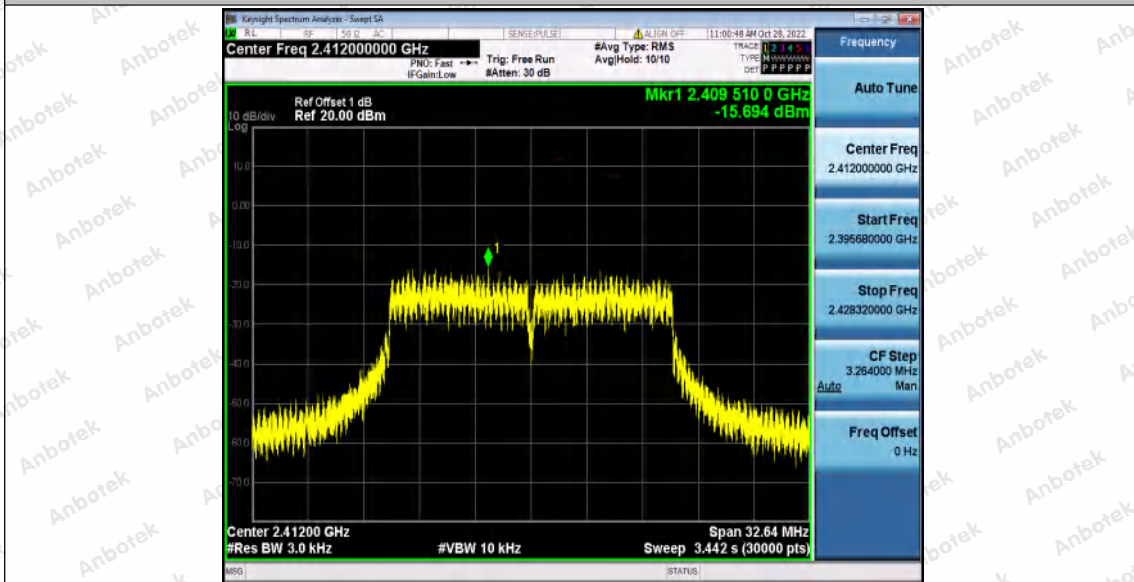
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11G_Ant1_2412



11G_Ant1_2437

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