

Appendix Test Data

Report No.:	18220WC20246702	Test Sample No.:	1-2-2
Start Test Date:	2022.10.18	Finish Test Date:	2022.10.24
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	47 %
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	9.200	2407.320	2416.520	≥0.5	PASS
		2437	8.720	2432.720	2441.440	≥0.5	PASS
		2462	9.320	2457.040	2466.360	≥0.5	PASS
11G	Ant1	2412	16.320	2403.880	2420.200	≥0.5	PASS
		2437	16.480	2428.760	2445.240	≥0.5	PASS
		2462	16.440	2453.760	2470.200	≥0.5	PASS
11N20	Ant1	2412	17.640	2403.160	2420.800	≥0.5	PASS
		2437	17.640	2428.160	2445.800	≥0.5	PASS
		2462	17.600	2453.160	2470.760	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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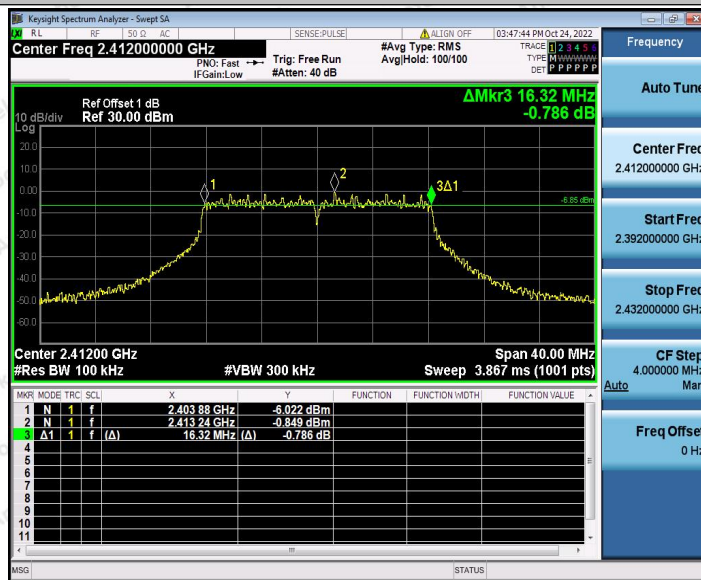
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11G_Ant1_2412



11G_Ant1_2437



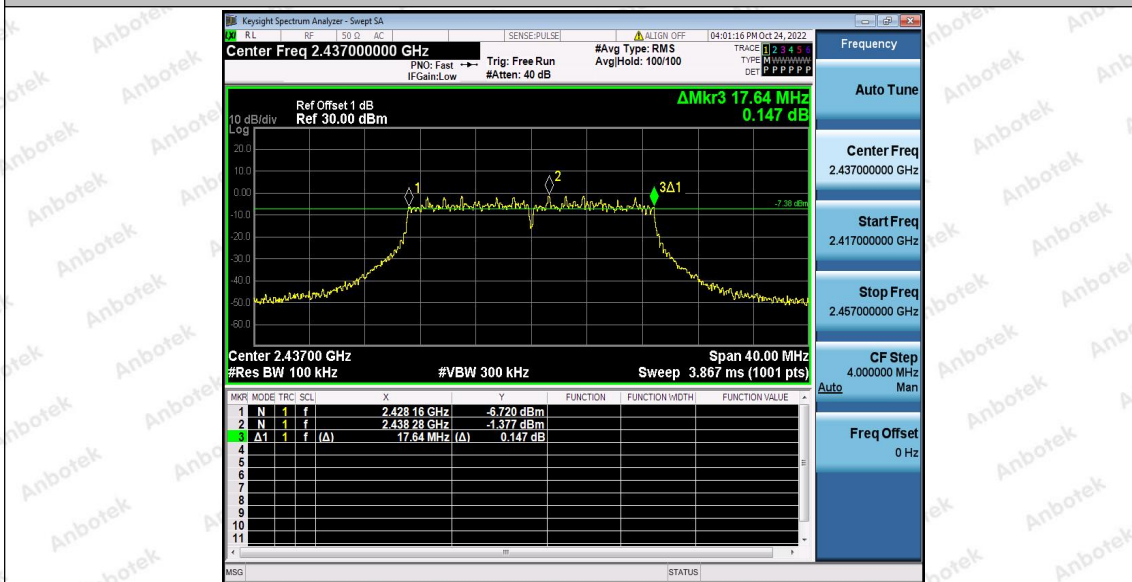
11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437



11N20_Ant1_2462



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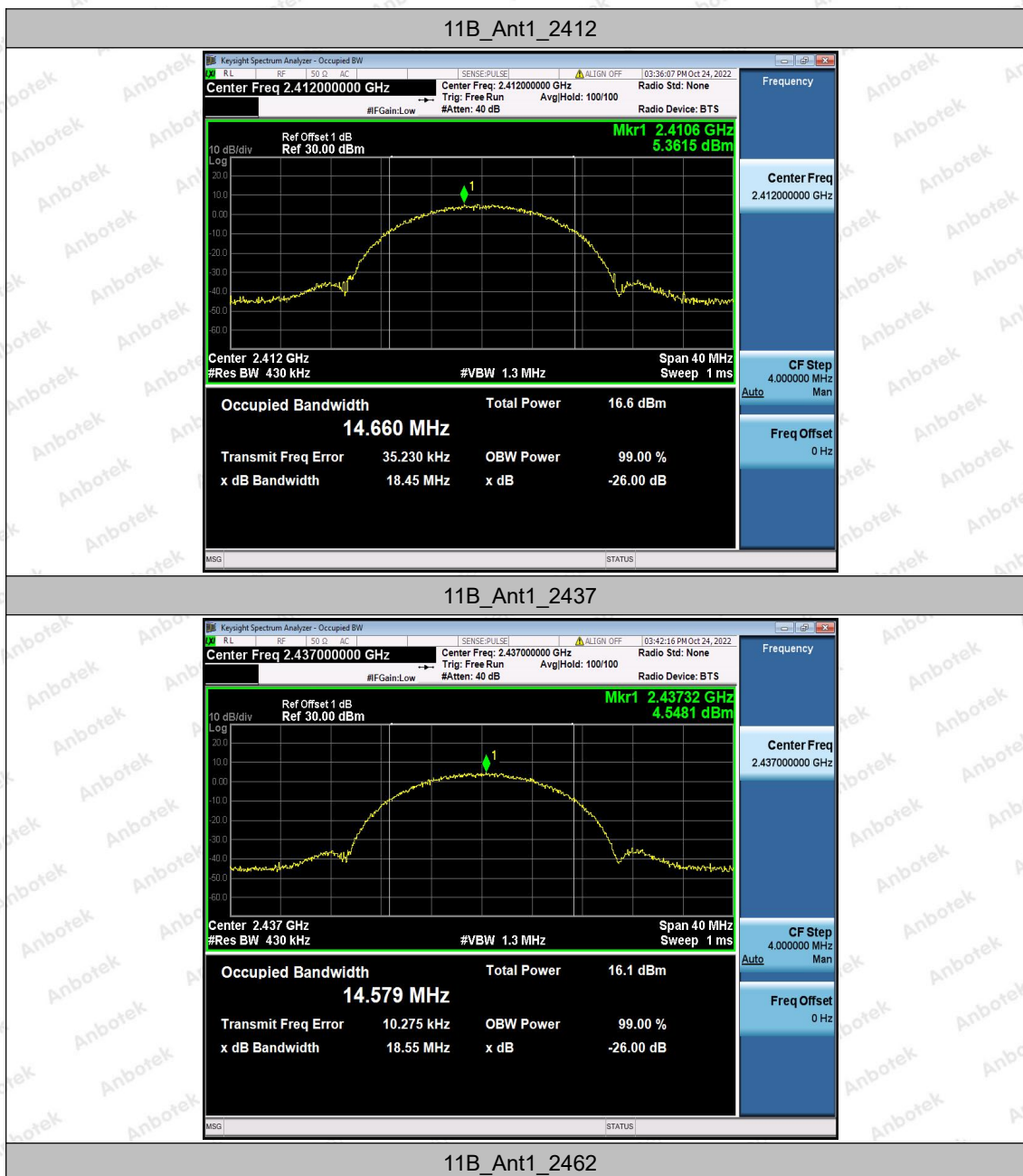
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	14.660	2404.7052	2419.3652
		2437	14.579	2429.7208	2444.2998
		2462	14.555	2454.7425	2469.2975
11G	Ant1	2412	16.884	2403.6079	2420.4919
		2437	16.922	2428.5612	2445.4832
		2462	16.986	2453.4312	2470.4172
11N20	Ant1	2412	18.031	2402.9884	2421.0194
		2437	17.873	2428.0420	2445.9150
		2462	18.003	2453.0321	2471.0351

Test Graphs

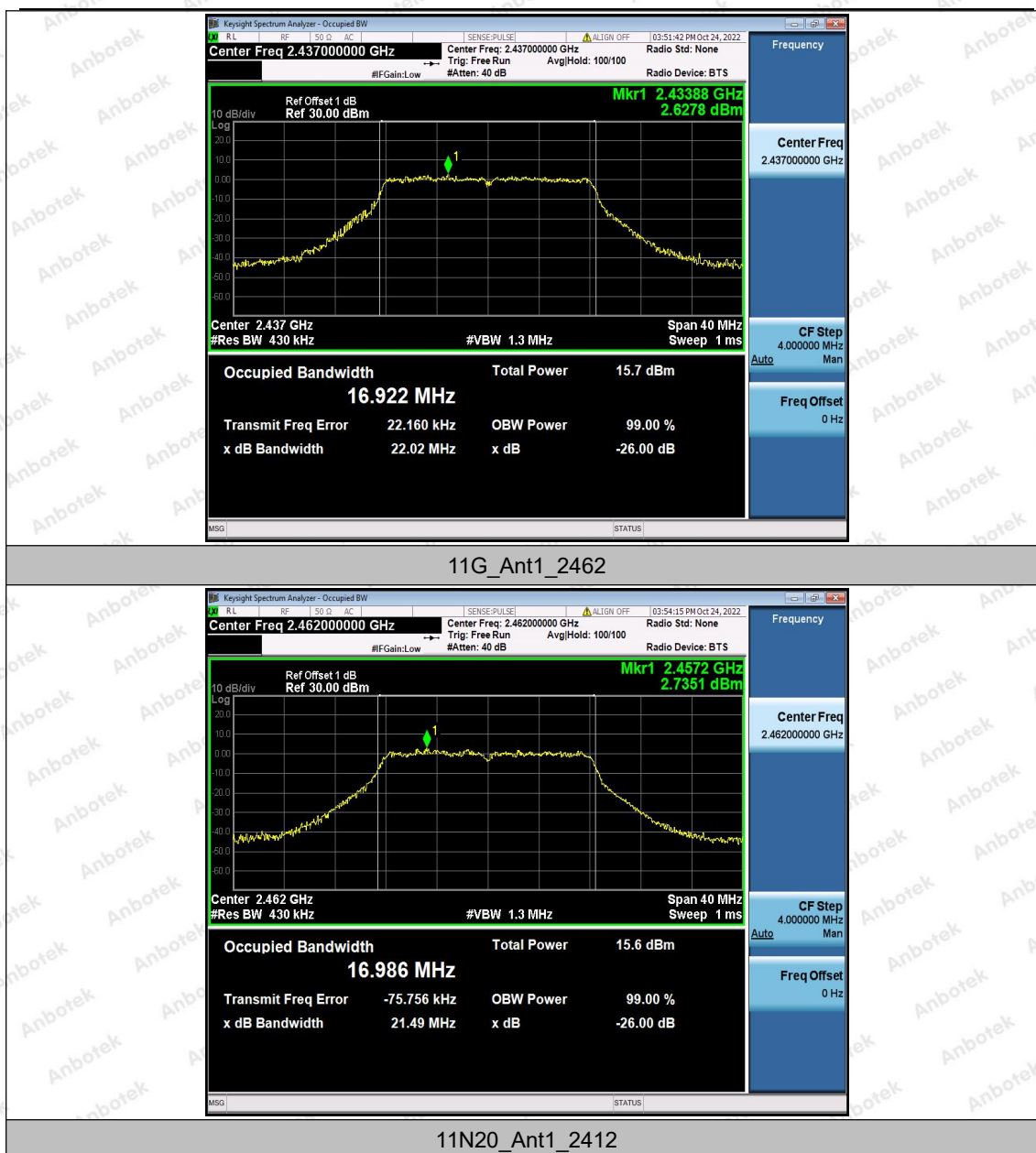




11G_Ant1_2412



11G_Ant1_2437

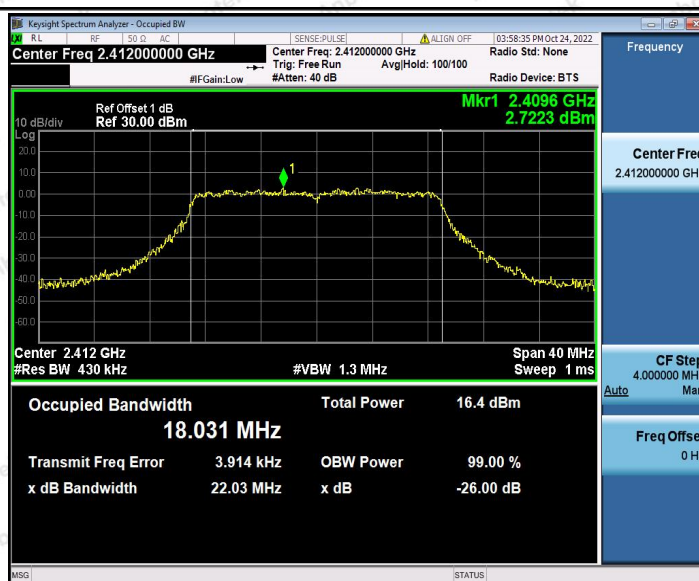


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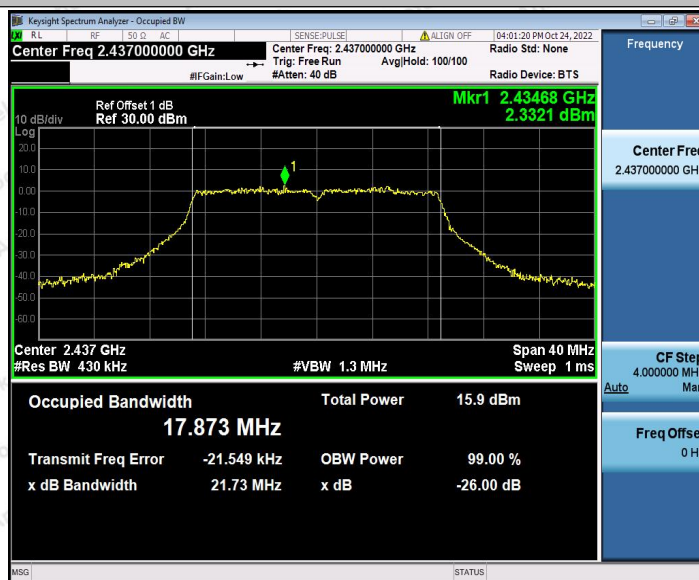
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11N20_Ant1_2437



11N20_Ant1_2462



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Appendix C: Maximum conducted output power

Test Result Peak

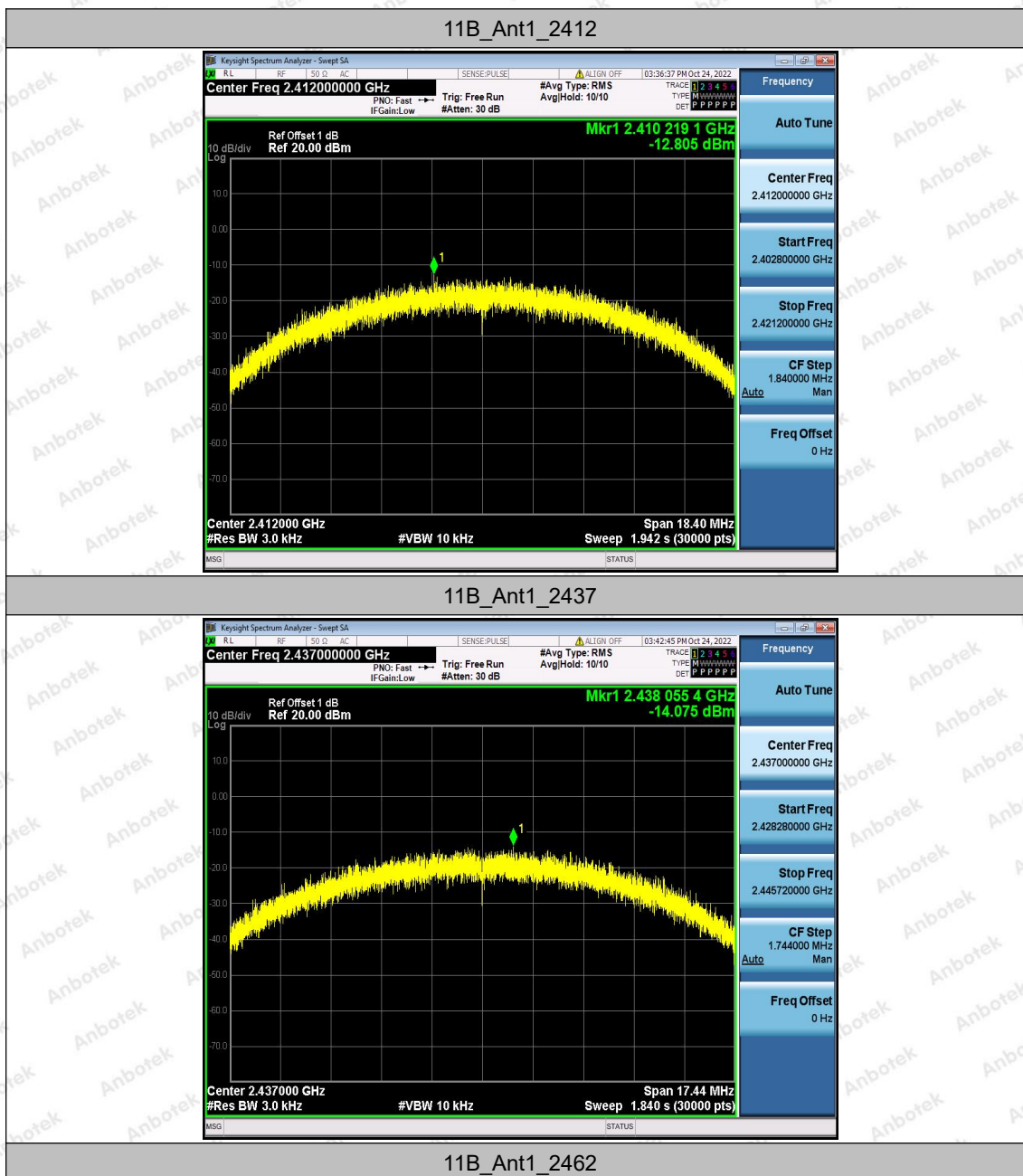
TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	16.24	≤30.00
		2437	15.59	≤30.00
		2462	15.24	≤30.00
11G	Ant1	2412	16.94	≤30.00
		2437	16.81	≤30.00
		2462	16.51	≤30.00
11N20	Ant1	2412	17.26	≤30.00
		2437	16.61	≤30.00
		2462	16.58	≤30.00

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.81	≤8.00	PASS
		2437	-14.08	≤8.00	PASS
		2462	-14.02	≤8.00	PASS
11G	Ant1	2412	-16.29	≤8.00	PASS
		2437	-15.41	≤8.00	PASS
		2462	-17.22	≤8.00	PASS
11N20	Ant1	2412	-16.47	≤8.00	PASS
		2437	-16.31	≤8.00	PASS
		2462	-16.76	≤8.00	PASS

Test Graphs

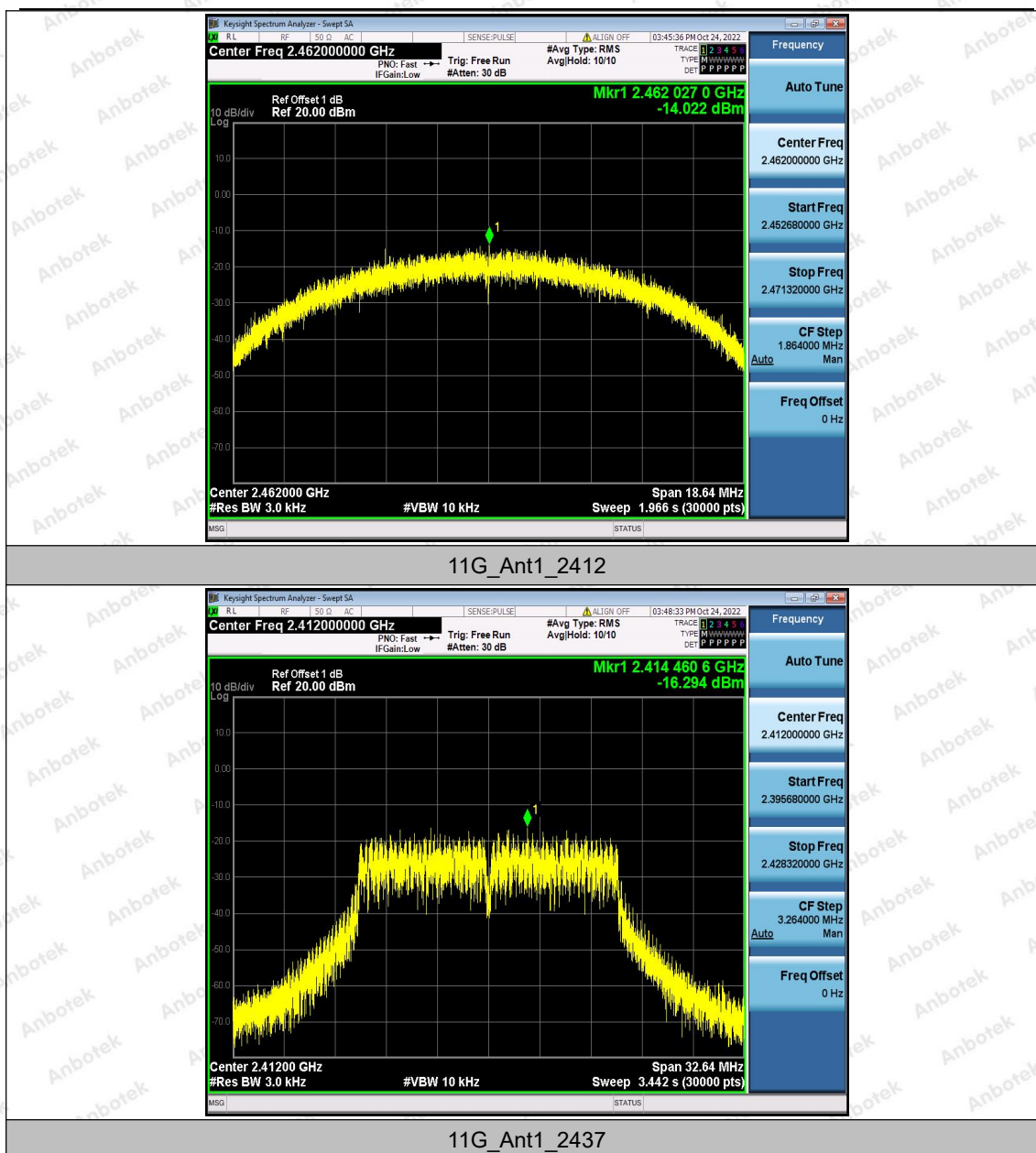


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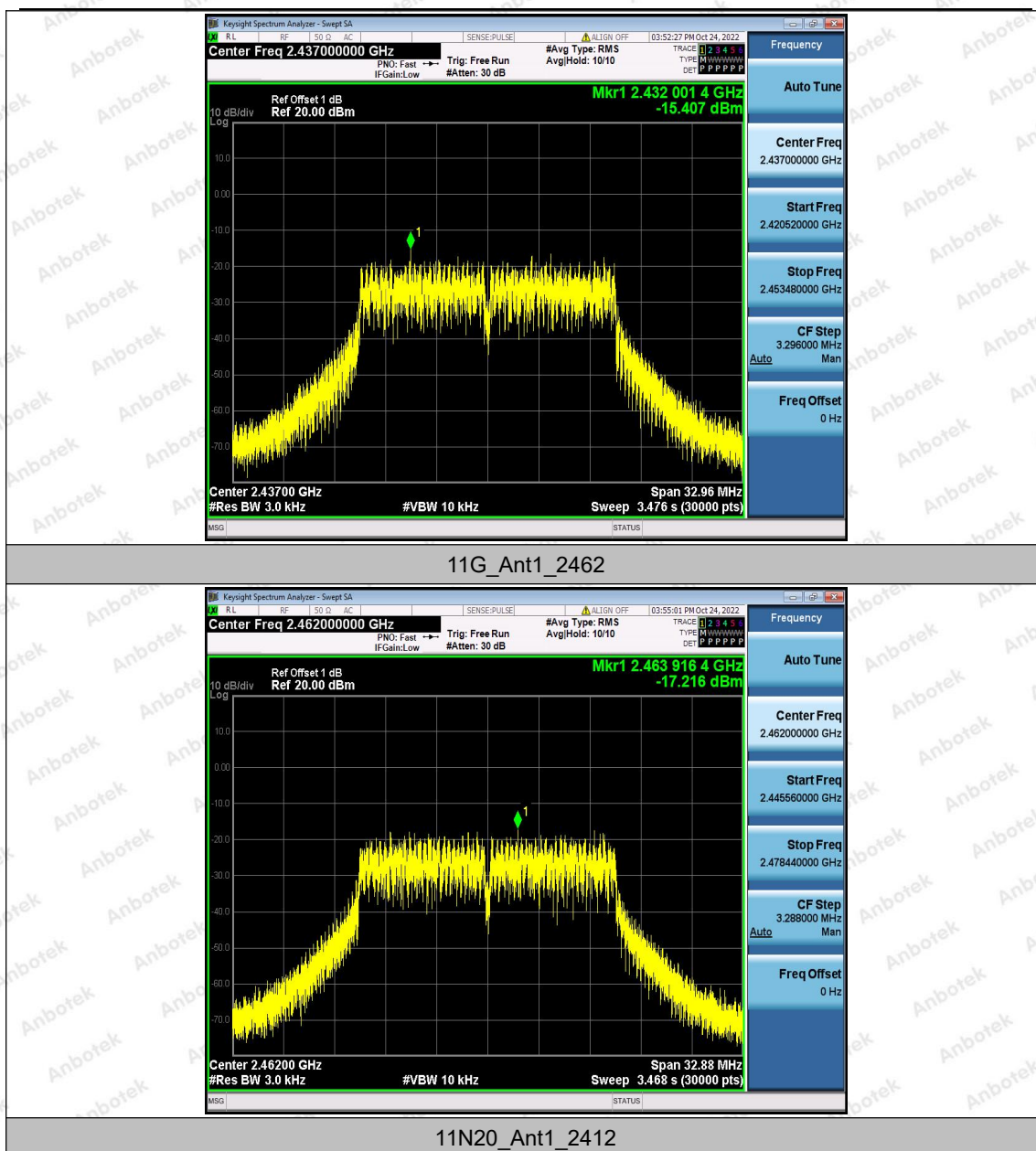
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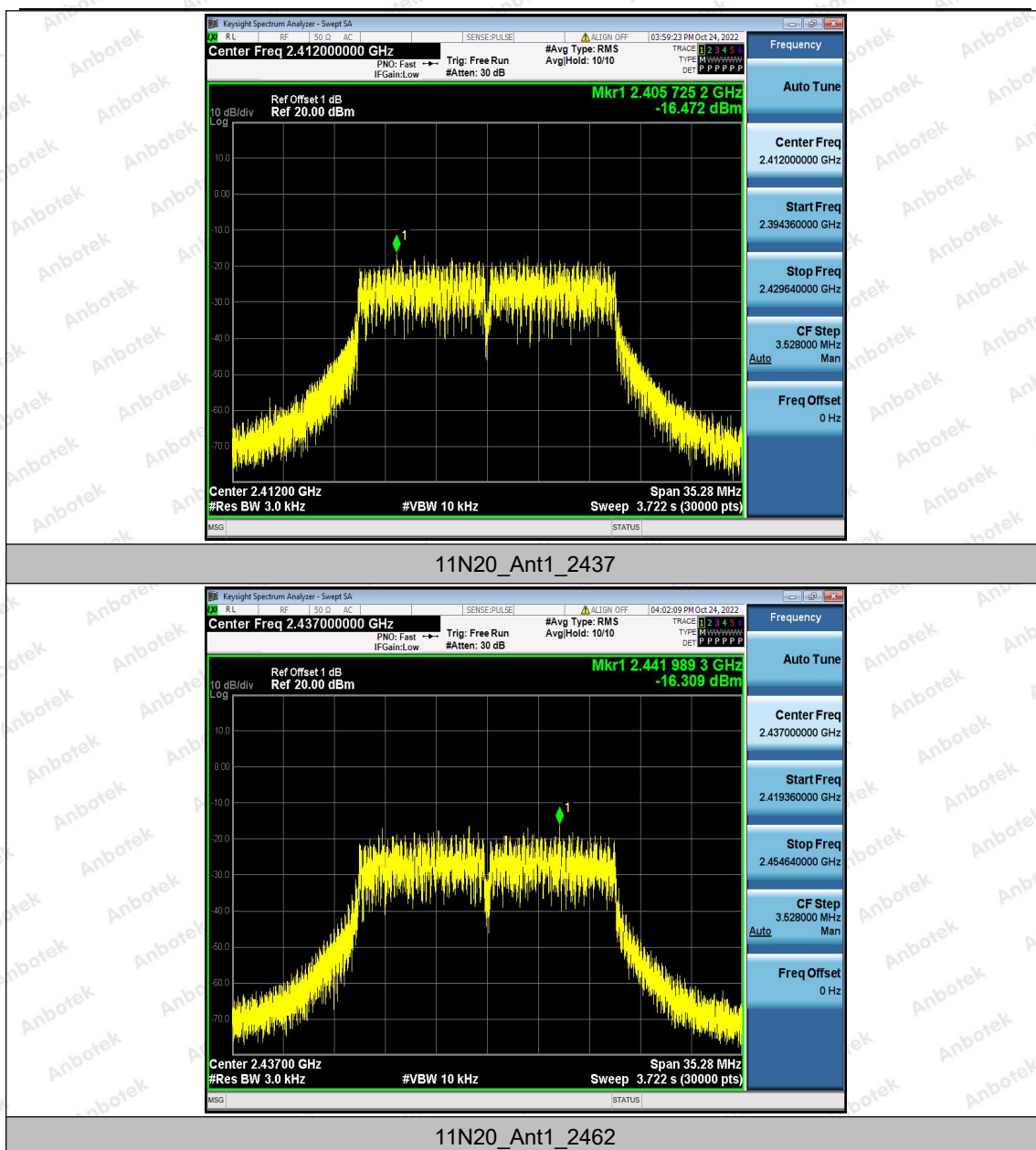


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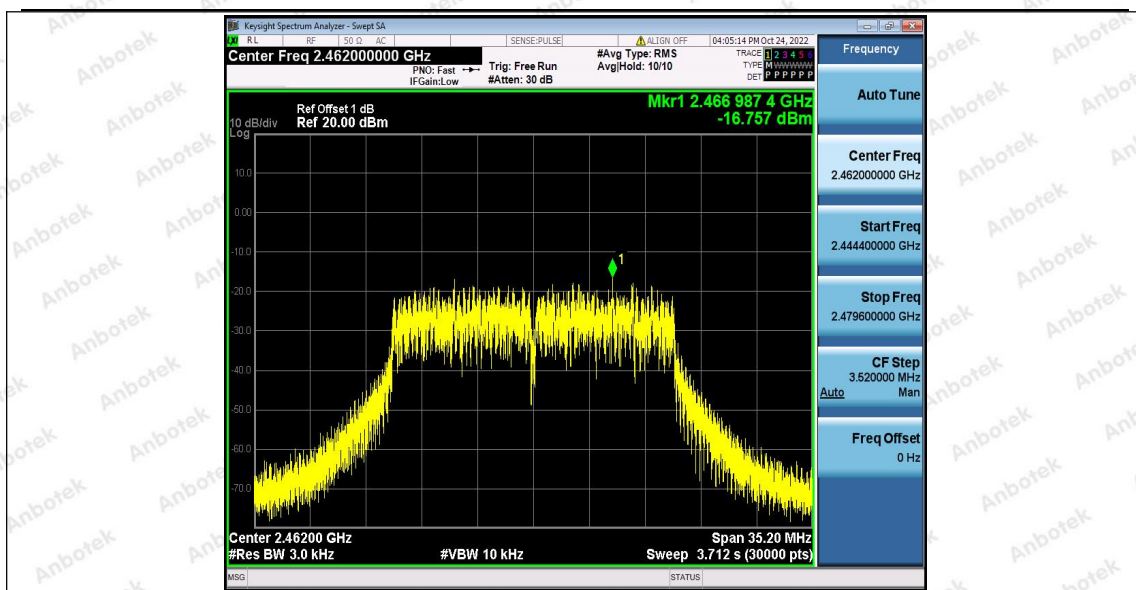


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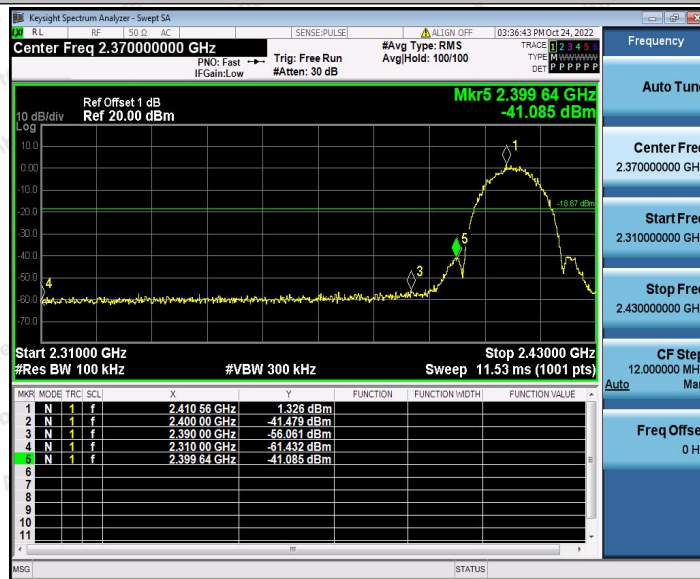
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	1.33	-41.09	≤-18.67	PASS
		High	2462	-0.69	-56.66	≤-20.69	PASS
11G	Ant1	Low	2412	-1.43	-38.54	≤-21.43	PASS
		High	2462	-2.30	-56.05	≤-22.3	PASS
11N20	Ant1	Low	2412	-1.13	-38.18	≤-21.13	PASS
		High	2462	-1.70	-55.39	≤-21.7	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

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