

## Appendix Test Data

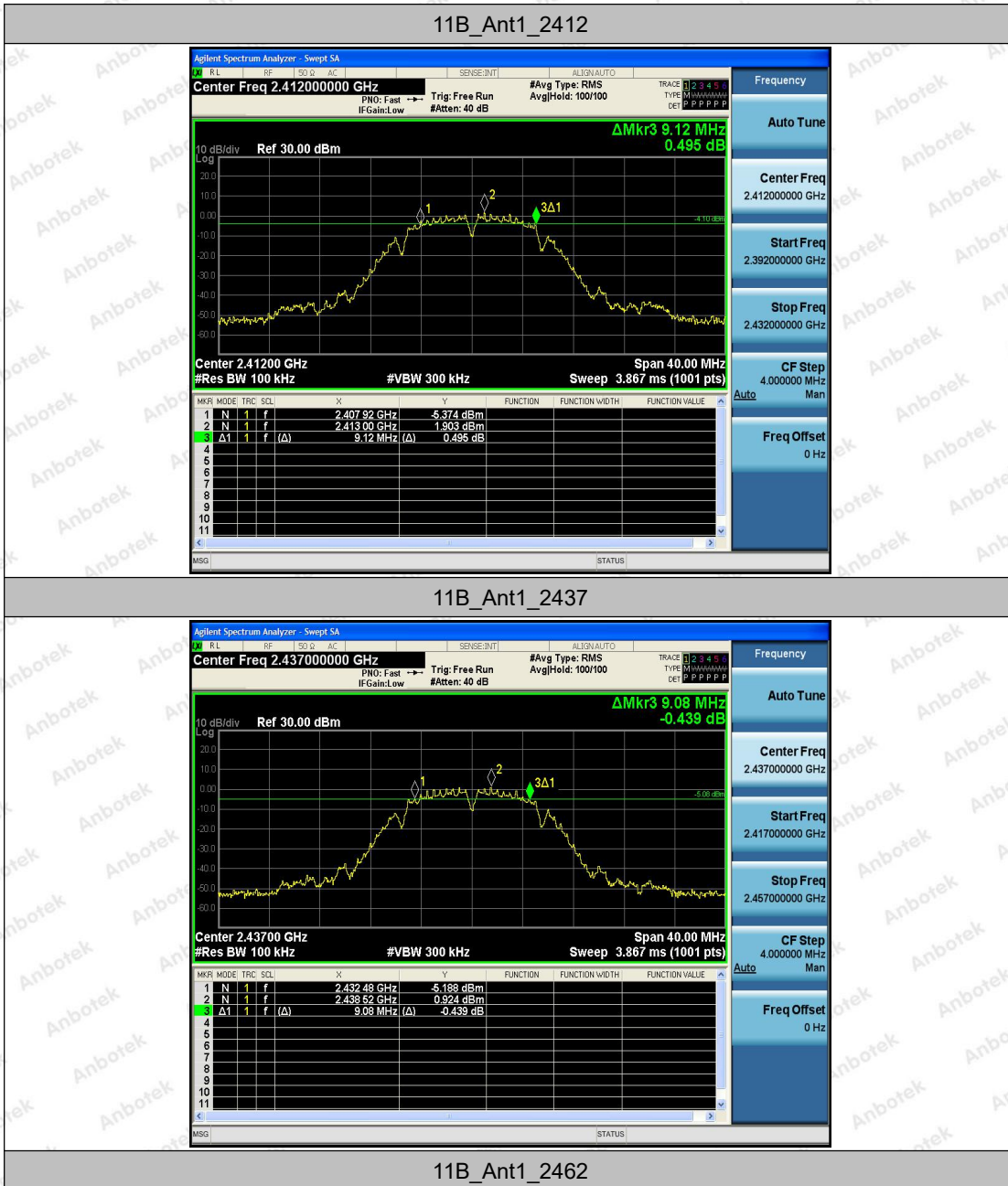
Report No.:	18220WC10210101	Test Date:	2021.9.28
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

## Appendix A: DTS Bandwidth

## Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.920	2417.040	≥0.5	PASS
		2437	9.080	2432.480	2441.560	≥0.5	PASS
		2462	9.600	2457.440	2467.040	≥0.5	PASS
11G	Ant1	2412	16.120	2404.080	2420.200	≥0.5	PASS
		2437	14.520	2429.400	2443.920	≥0.5	PASS
		2462	15.760	2454.440	2470.200	≥0.5	PASS
11N20	Ant1	2412	16.400	2404.400	2420.800	≥0.5	PASS
		2437	16.160	2428.440	2444.600	≥0.5	PASS
		2462	15.440	2454.440	2469.880	≥0.5	PASS

## Test Graphs





11G\_Ant1\_2412



11G\_Ant1\_2437



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## 11G\_Ant1\_2462



## 11N20\_Ant1\_2412



## 11N20\_Ant1\_2437

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11N20\_Ant1\_2462



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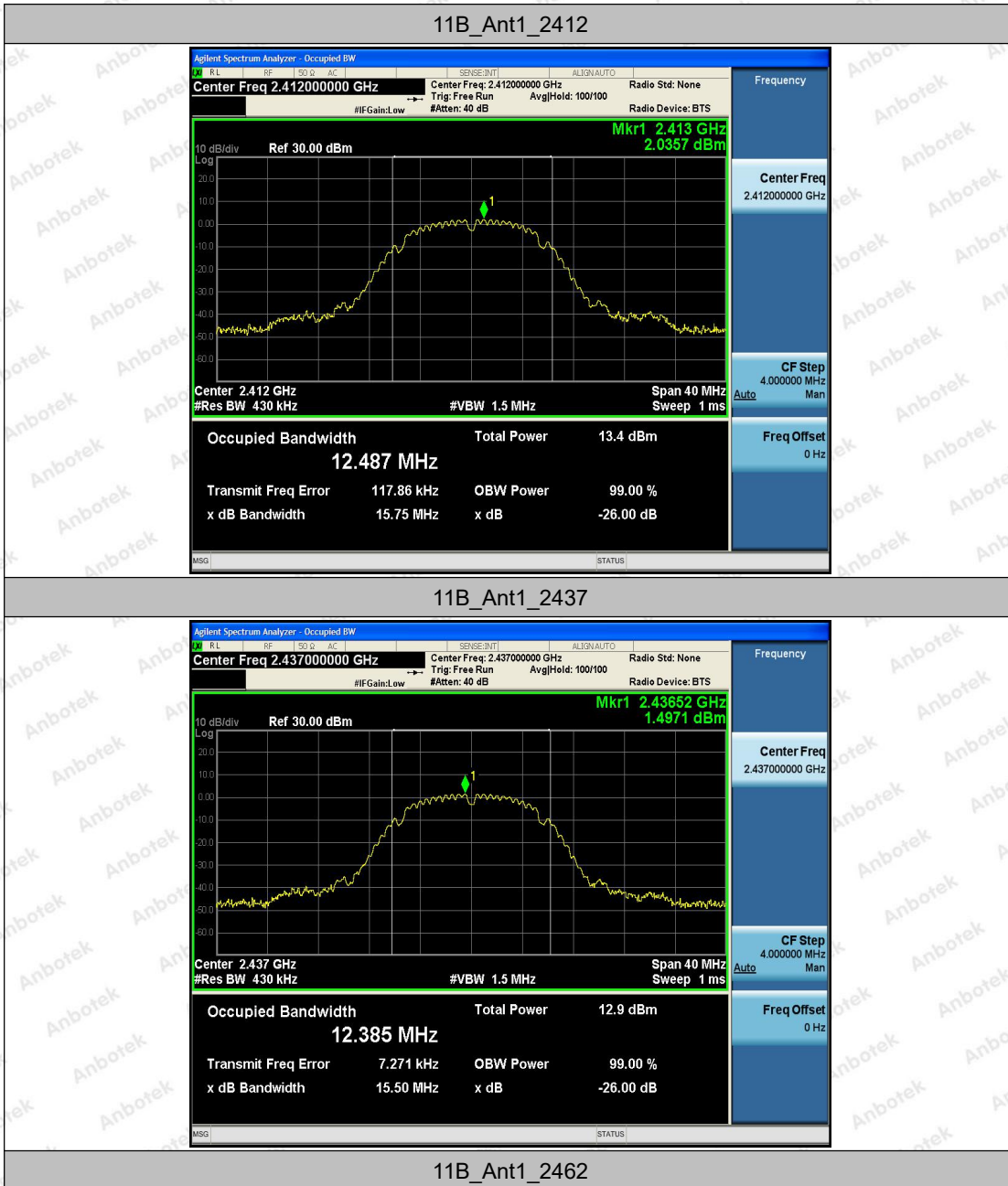
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## Appendix B: Occupied Channel Bandwidth

### Test Result

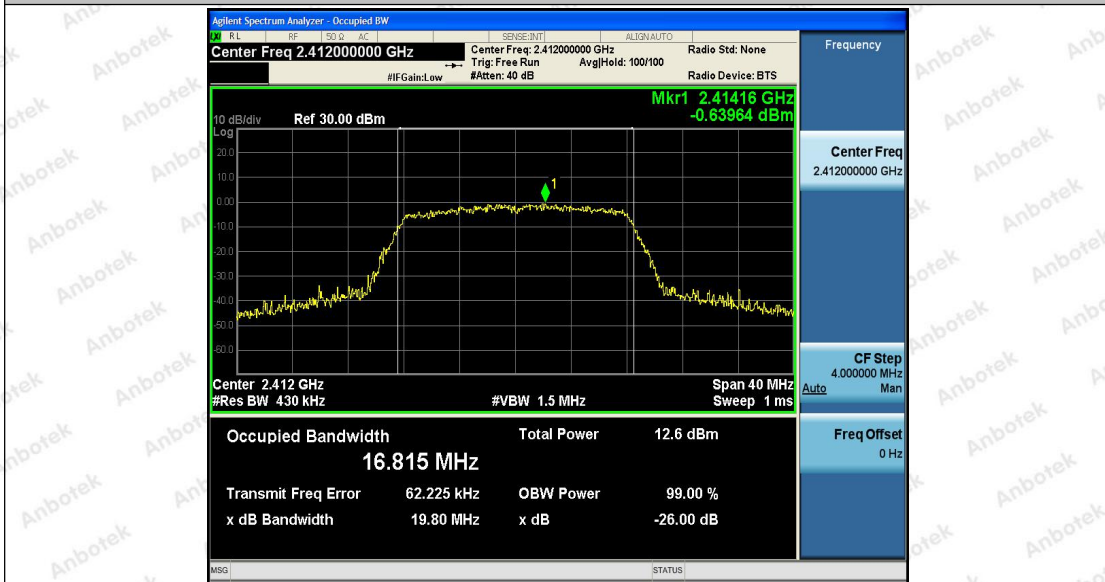
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.487	2405.874	2418.361	---	PASS
		2437	12.385	2430.815	2443.200	---	PASS
		2462	12.394	2455.857	2468.251	---	PASS
11G	Ant1	2412	16.815	2403.655	2420.470	---	PASS
		2437	16.969	2428.474	2445.443	---	PASS
		2462	17.225	2453.460	2470.685	---	PASS
11N20	Ant1	2412	17.779	2403.188	2420.967	---	PASS
		2437	17.828	2428.070	2445.898	---	PASS
		2462	18.032	2453.050	2471.082	---	PASS

## Test Graphs

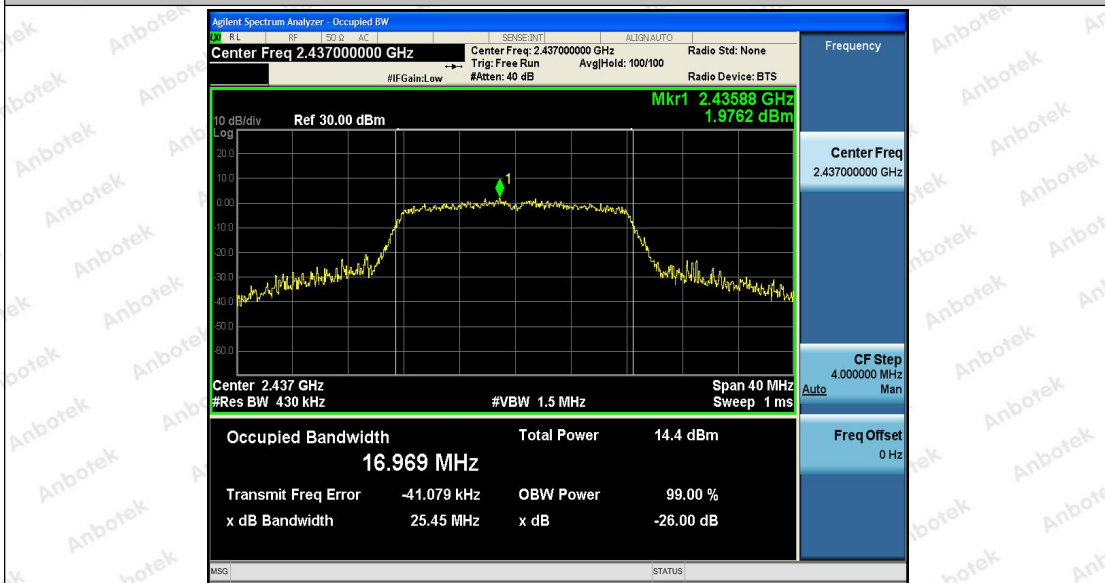




11G\_Ant1\_2412



11G\_Ant1\_2437



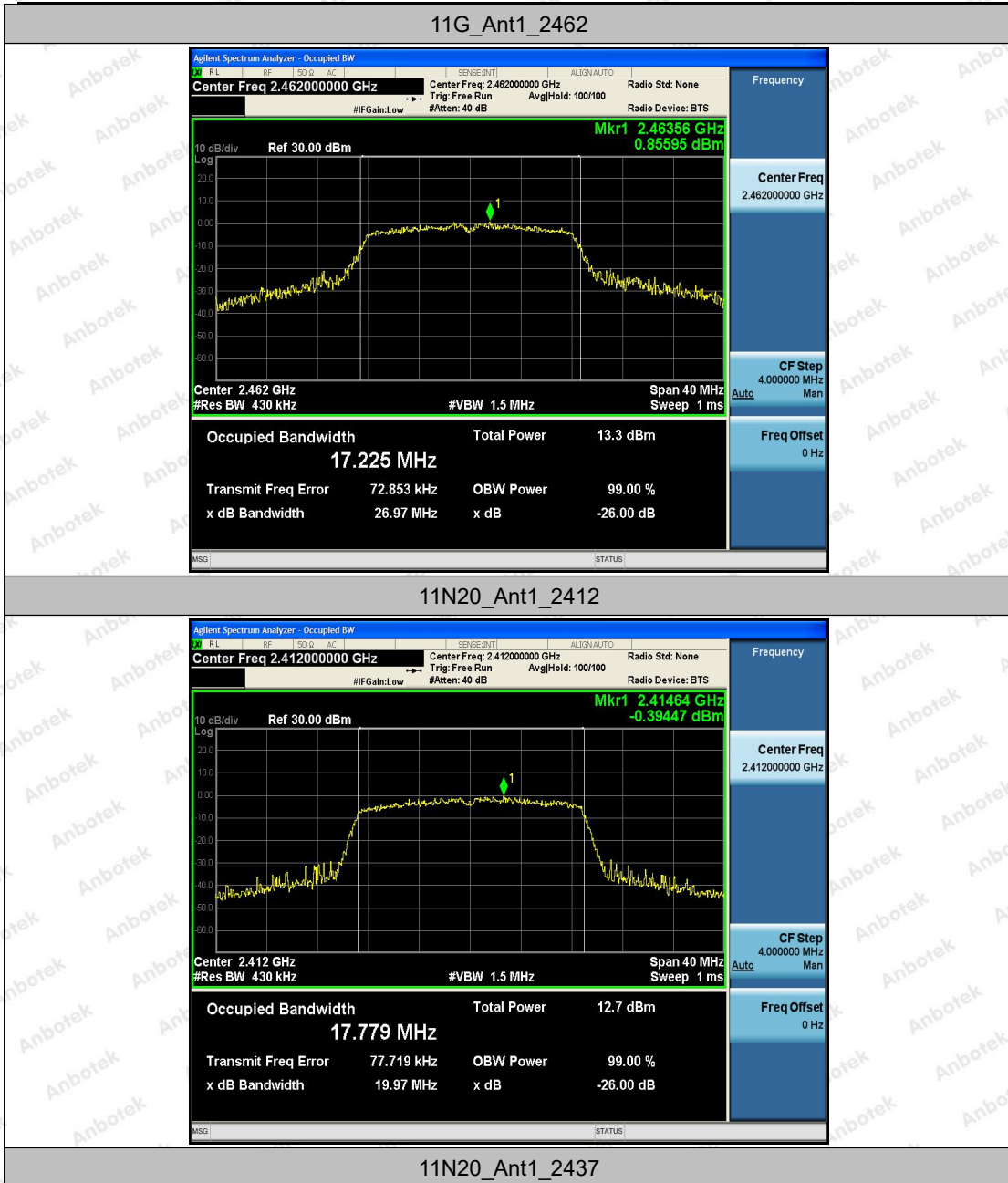
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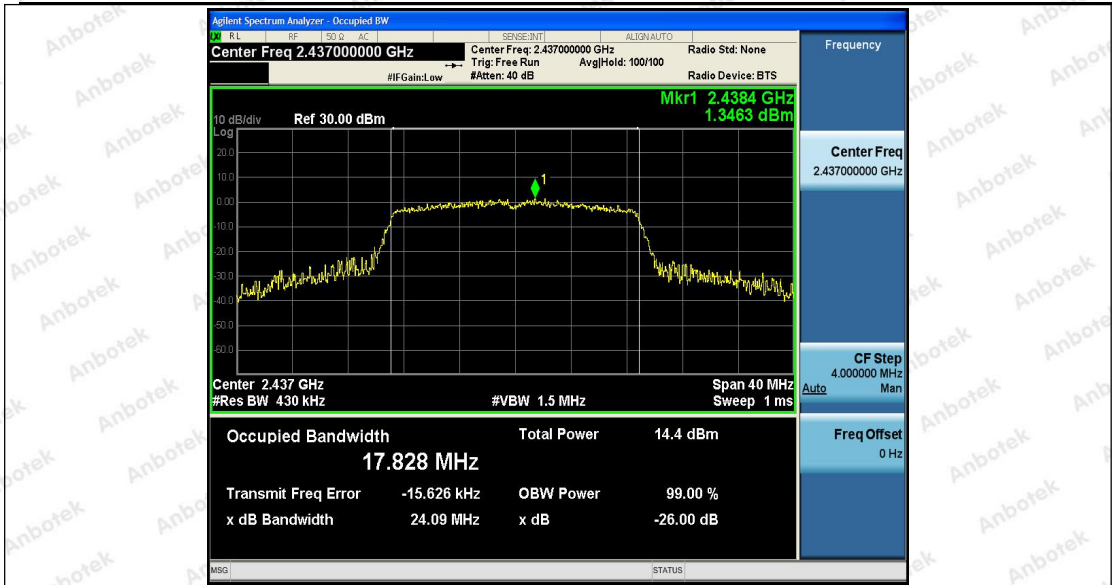


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11N20\_Ant1\_2462



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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.43	≤30	PASS
		2437	12.91	≤30	PASS
		2462	11.77	≤30	PASS
11G	Ant1	2412	13.61	≤30	PASS
		2437	15.38	≤30	PASS
		2462	14.45	≤30	PASS
11N20	Ant1	2412	13.78	≤30	PASS
		2437	15.51	≤30	PASS
		2462	14.20	≤30	PASS

## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.06	≤8	PASS
		2437	-12.88	≤8	PASS
		2462	-14.33	≤8	PASS
11G	Ant1	2412	-17.83	≤8	PASS
		2437	-16.18	≤8	PASS
		2462	-17.64	≤8	PASS
11N20	Ant1	2412	-17.9	≤8	PASS
		2437	-16.05	≤8	PASS
		2462	-17.4	≤8	PASS

## Test Graphs



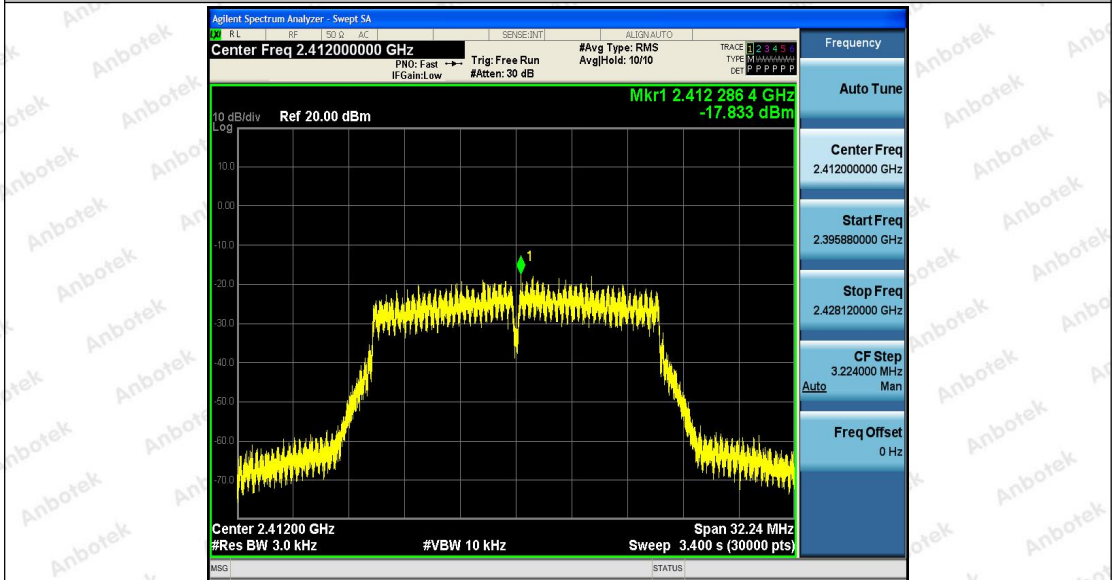
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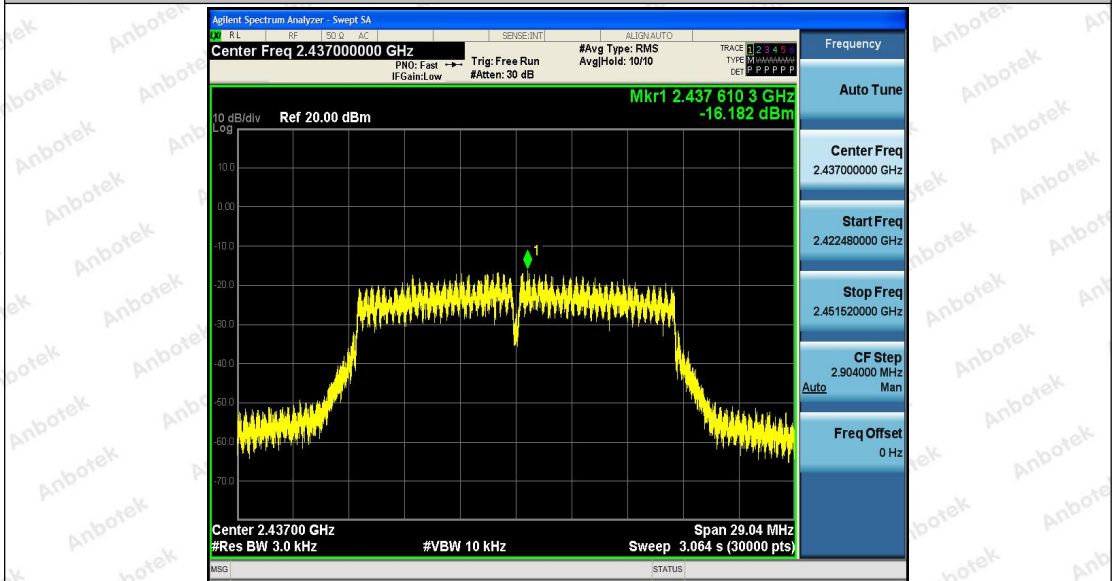
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11G\_Ant1\_2412



11G\_Ant1\_2437

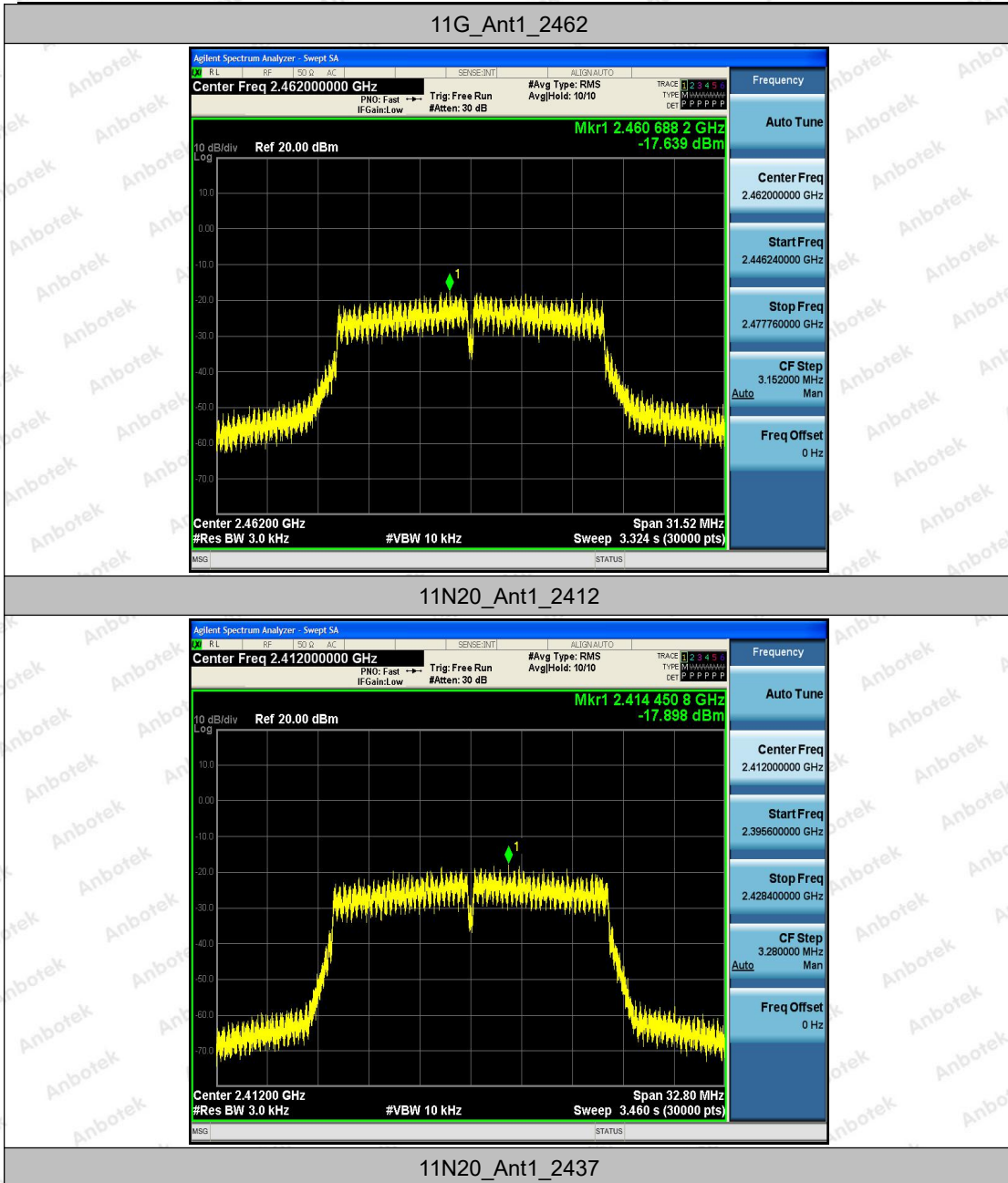


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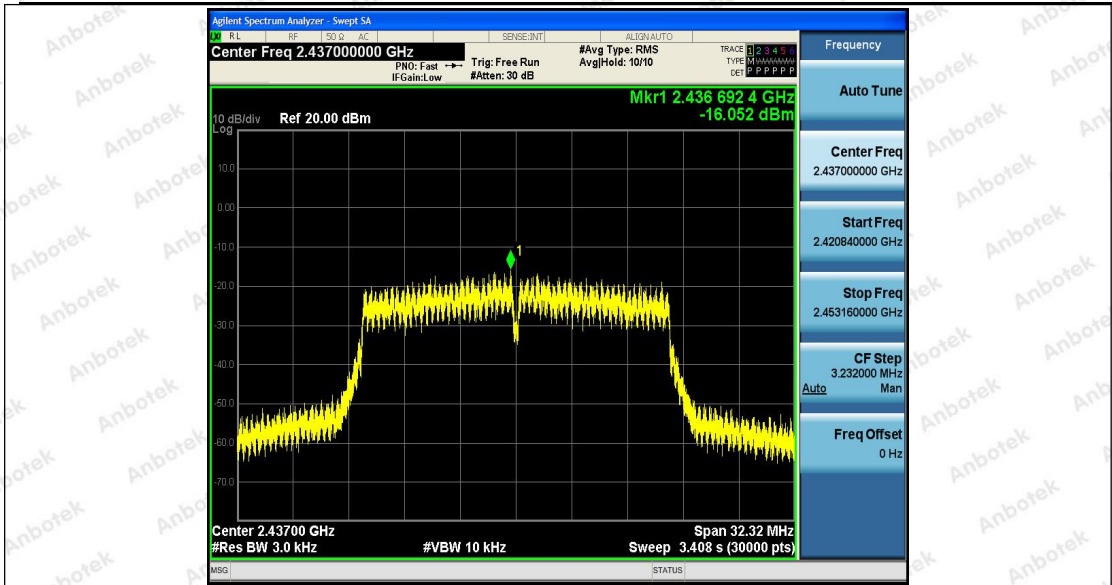
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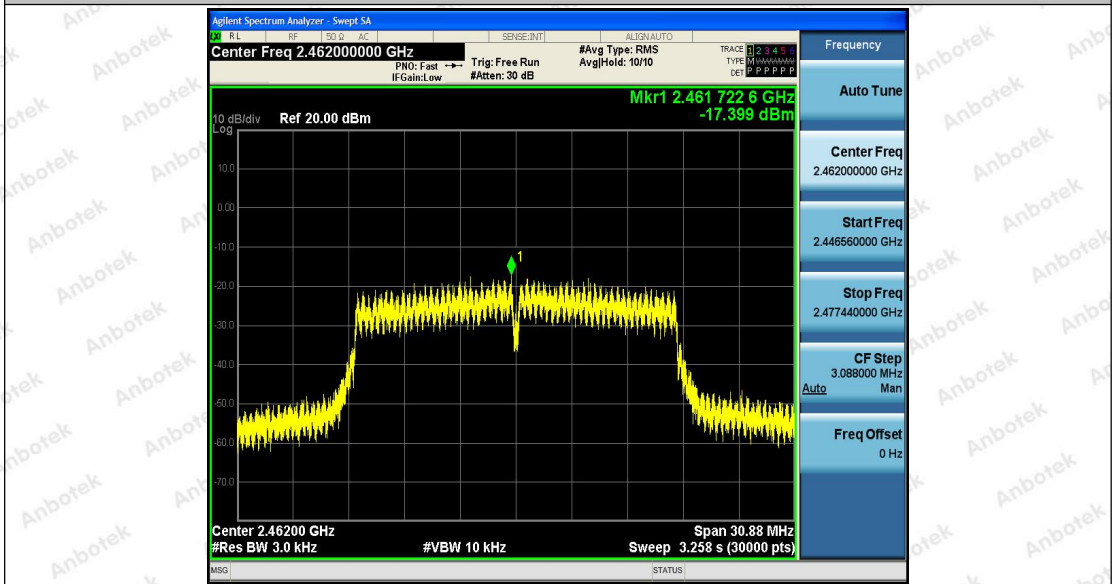
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11N20\_Ant1\_2462



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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.10	-45.19	≤-18.9	PASS
		High	2462	-0.68	-55.19	≤-20.68	PASS
11G	Ant1	Low	2412	-3.38	-40.91	≤-23.38	PASS
		High	2462	-2.58	-43.06	≤-22.58	PASS
11N20	Ant1	Low	2412	-4.25	-41.58	≤-24.25	PASS
		High	2462	-3.34	-38.74	≤-23.34	PASS

## Test Graphs



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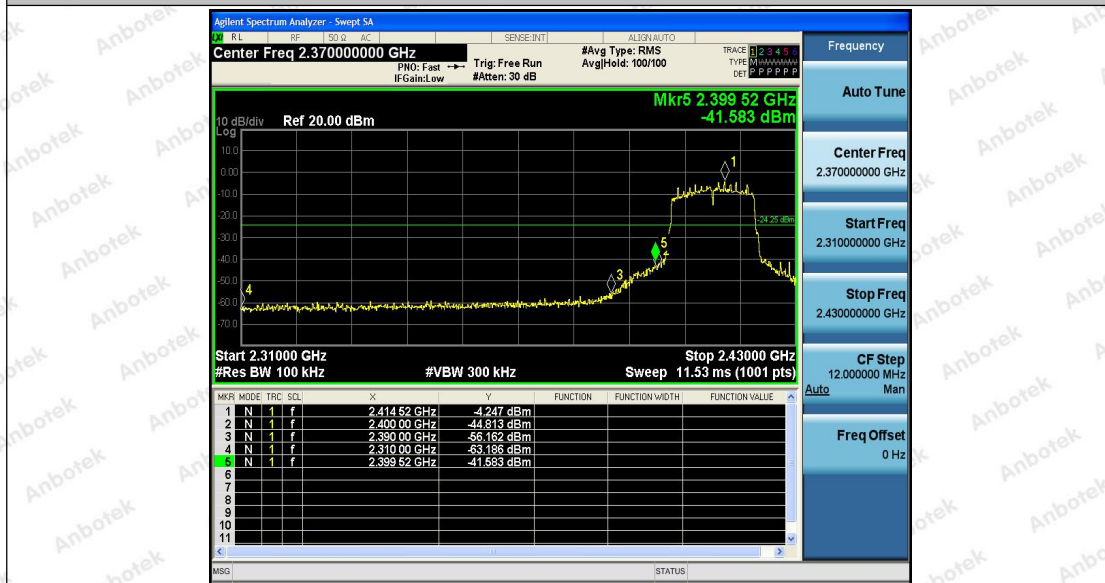
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11G\_Ant1\_High\_2462



11N20\_Ant1\_Low\_2412



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