

## Appendix Test Data

Project No.:	18220WC10174301	Test Date:	2021..8.11
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	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	9.200	2407.400	2416.600	≥0.5	PASS
		2437	9.120	2432.920	2442.040	≥0.5	PASS
		2462	9.120	2457.920	2467.040	≥0.5	PASS
11G	Ant1	2412	14.560	2405.040	2419.600	≥0.5	PASS
		2437	14.600	2430.320	2444.920	≥0.5	PASS
		2462	15.480	2454.440	2469.920	≥0.5	PASS
11N20	Ant1	2412	15.120	2404.440	2419.560	≥0.5	PASS
		2437	17.400	2428.440	2445.840	≥0.5	PASS
		2462	16.440	2454.400	2470.840	≥0.5	PASS

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## Test Graphs



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11G\_Ant1\_2412




11G\_Ant1\_2437

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11G\_Ant1\_2462



11N20\_Ant1\_2412

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11N20\_Ant1\_2437



11N20\_Ant1\_2462

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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	12.593	2405.670	2418.263	---	PASS
		2437	12.464	2430.841	2443.305	---	PASS
		2462	12.432	2455.922	2468.354	---	PASS
11G	Ant1	2412	16.850	2403.534	2420.384	---	PASS
		2437	17.045	2428.519	2445.564	---	PASS
		2462	17.108	2453.573	2470.681	---	PASS
11N20	Ant1	2412	17.773	2403.113	2420.886	---	PASS
		2437	17.868	2428.113	2445.981	---	PASS
		2462	17.981	2453.144	2471.125	---	PASS

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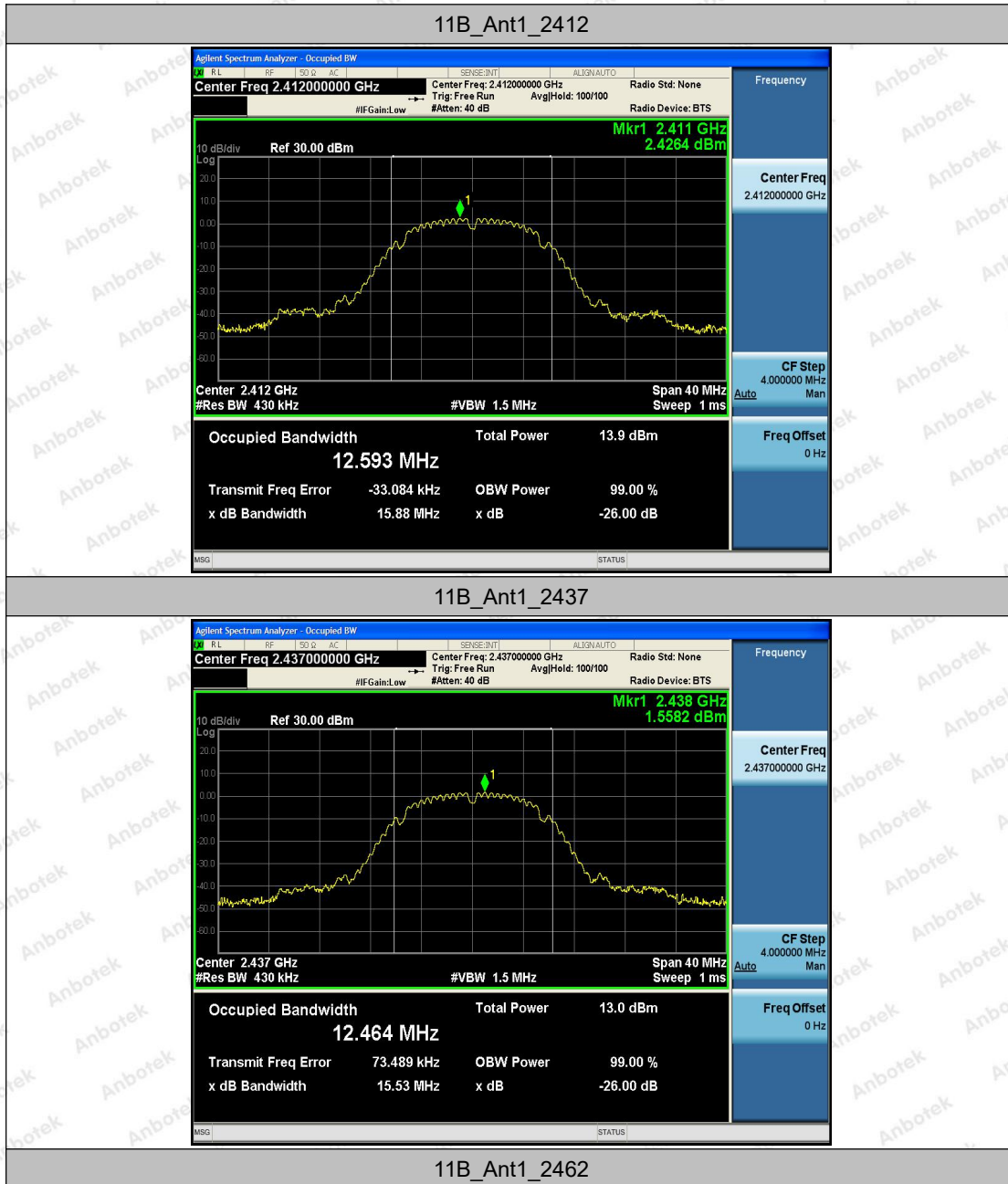


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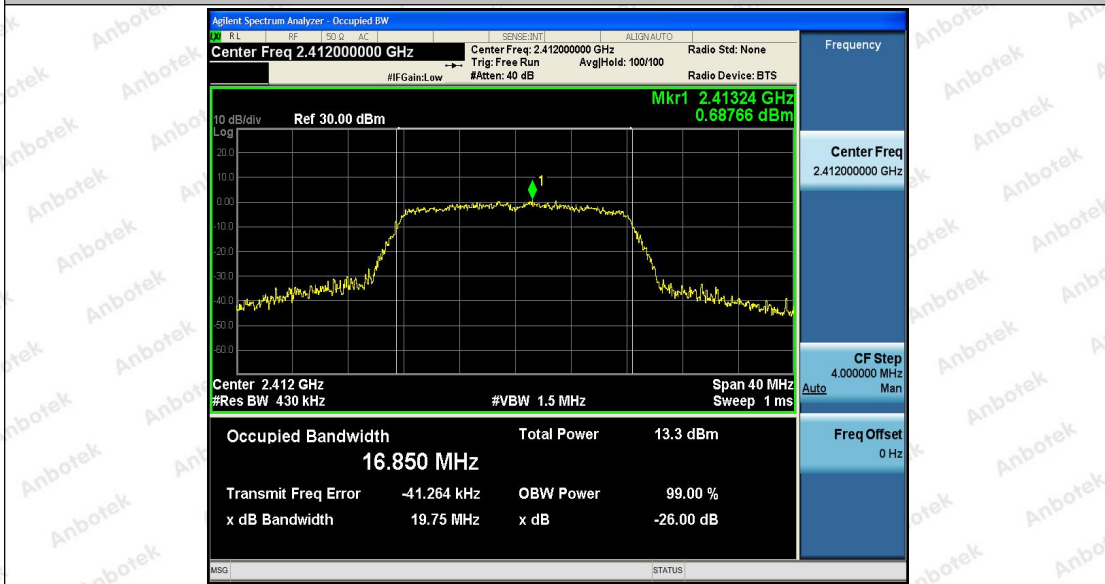
## Test Graphs







11G\_Ant1\_2412



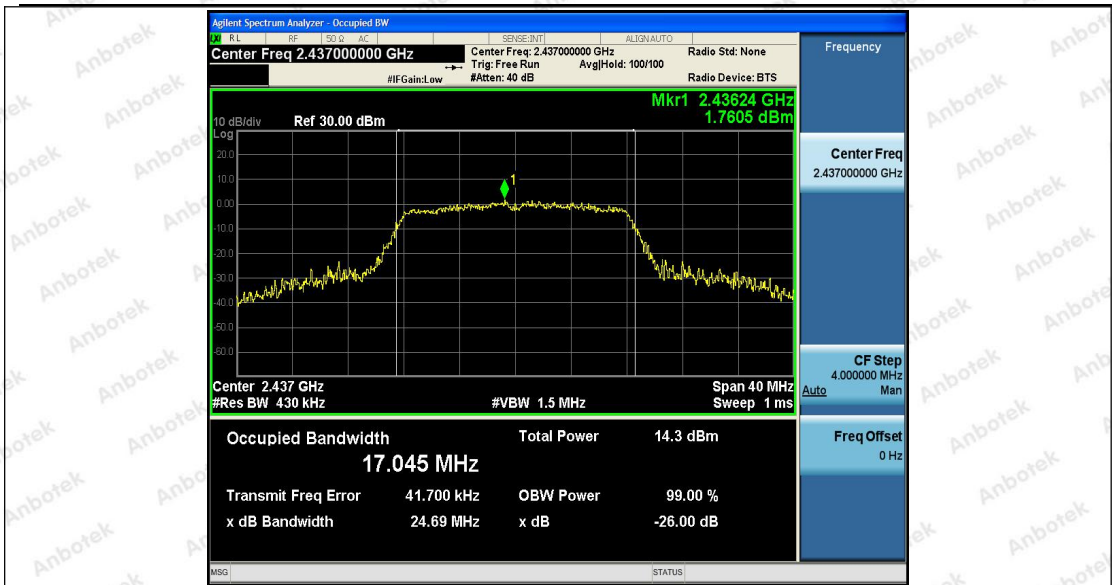
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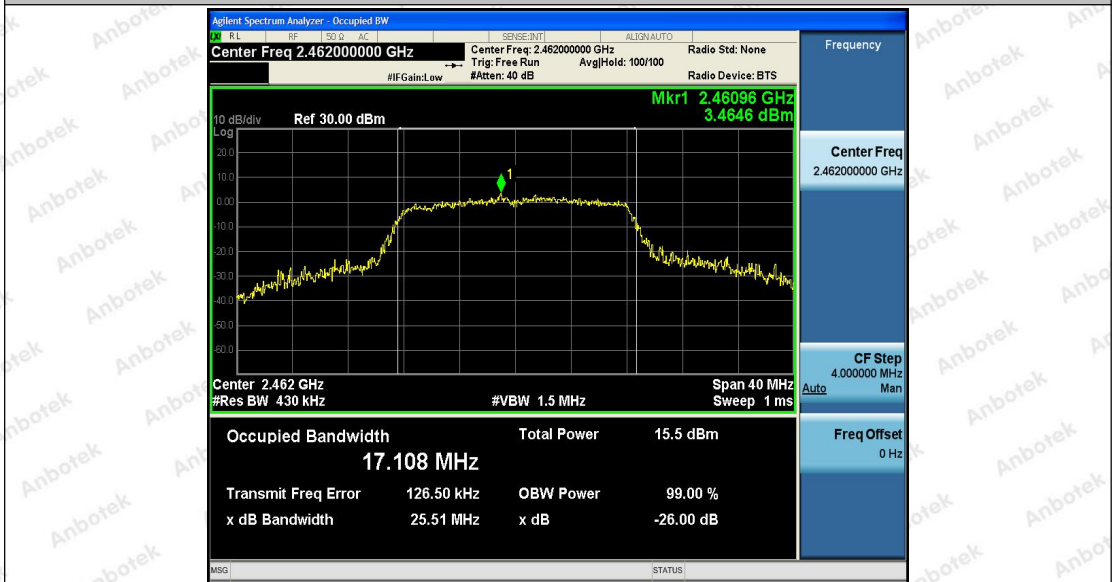
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11G\_Ant1\_2462



11N20\_Ant1\_2412

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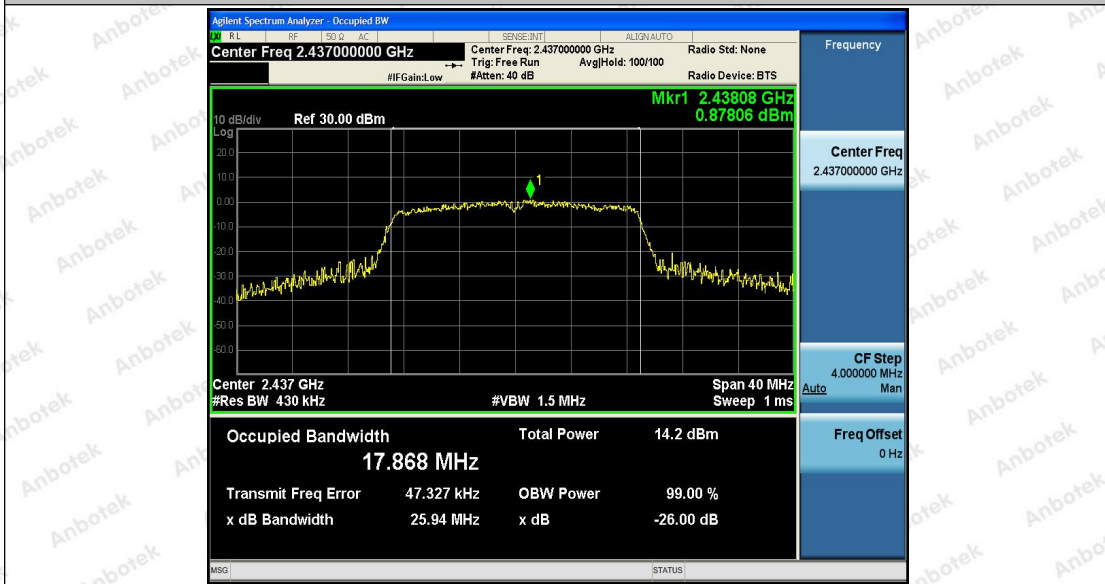
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11N20\_Ant1\_2437



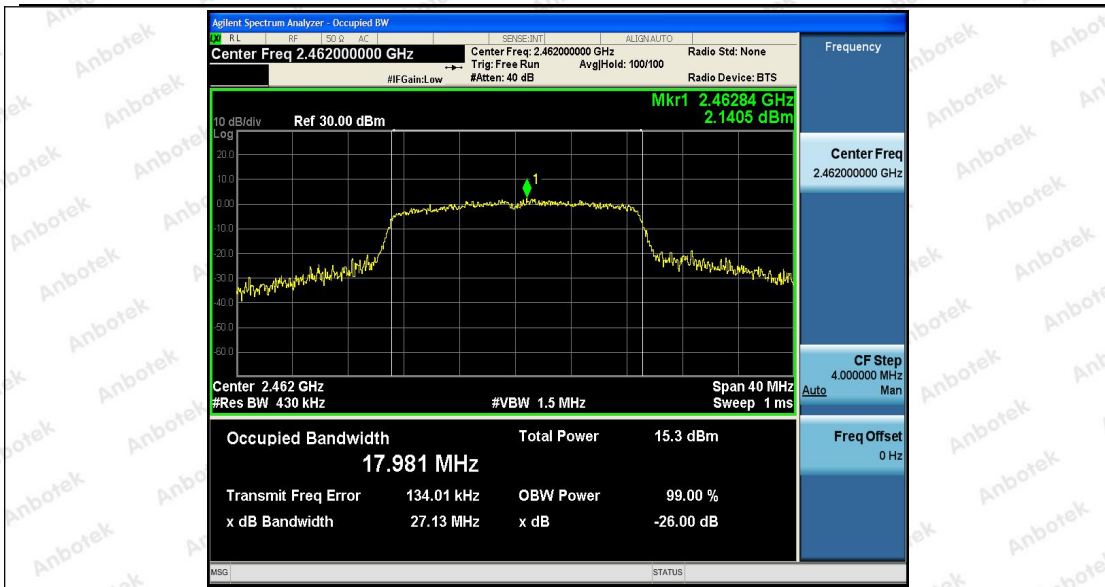
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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.93	≤30	PASS
		2437	13.01	≤30	PASS
		2462	14.24	≤30	PASS
11G	Ant1	2412	14.39	≤30	PASS
		2437	15.33	≤30	PASS
		2462	16.55	≤30	PASS
11N20	Ant1	2412	14.31	≤30	PASS
		2437	15.17	≤30	PASS
		2462	16.41	≤30	PASS

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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Limit[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.65	≤8	PASS
		2437	-10.9	≤8	PASS
		2462	-2.52	≤8	PASS
11G	Ant1	2412	-16.66	≤8	PASS
		2437	-15.43	≤8	PASS
		2462	-14.98	≤8	PASS
11N20	Ant1	2412	-17.12	≤8	PASS
		2437	-16.43	≤8	PASS
		2462	-15.1	≤8	PASS

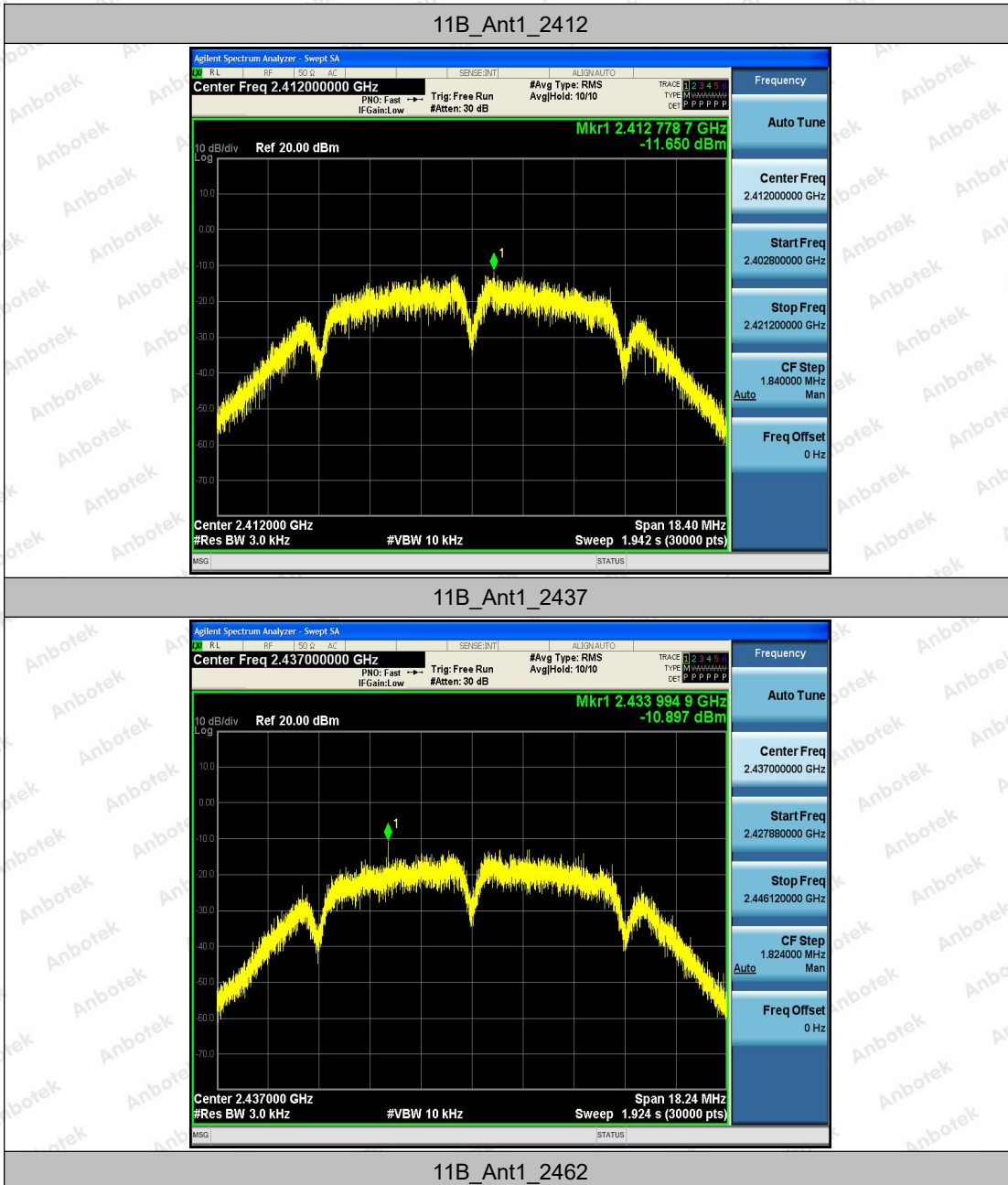
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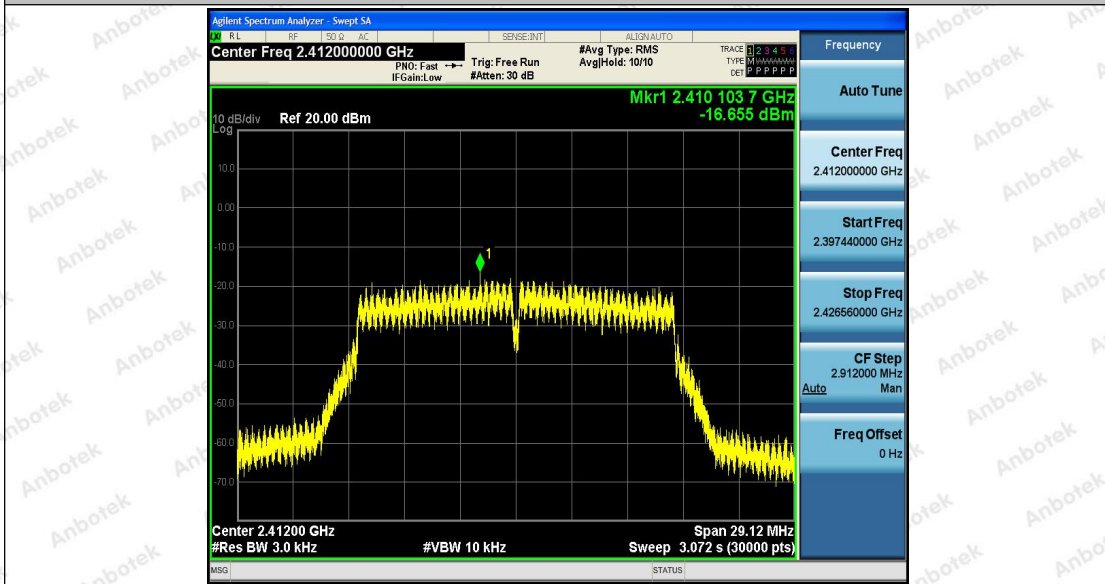
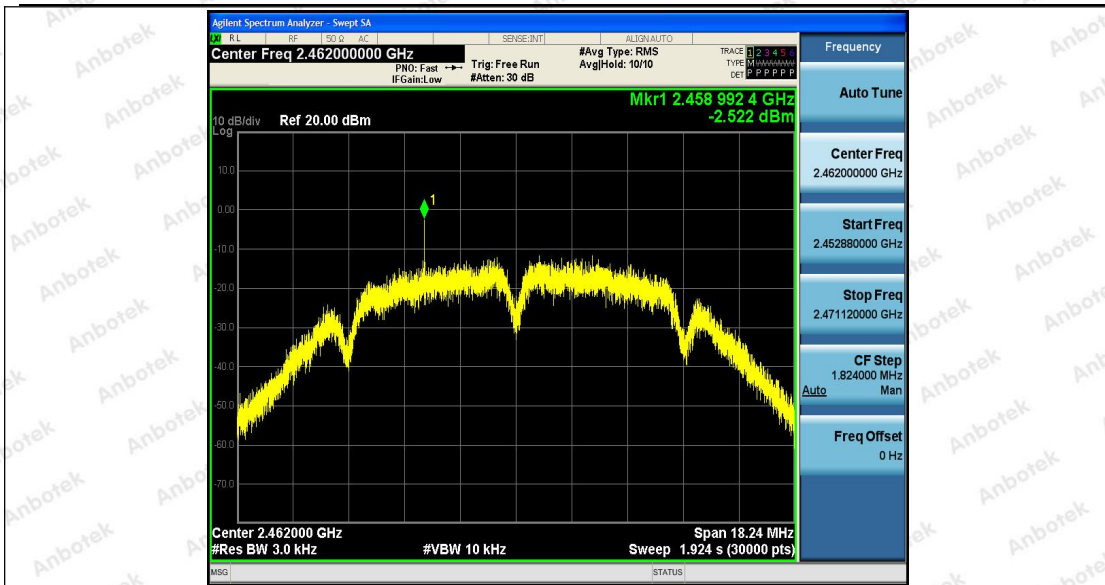
## Test Graphs



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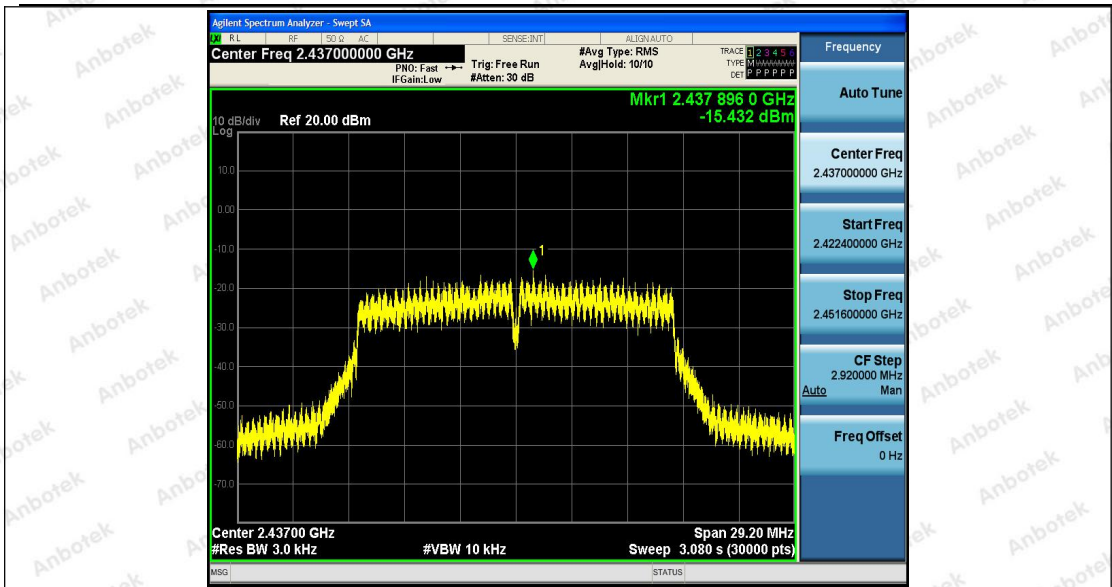
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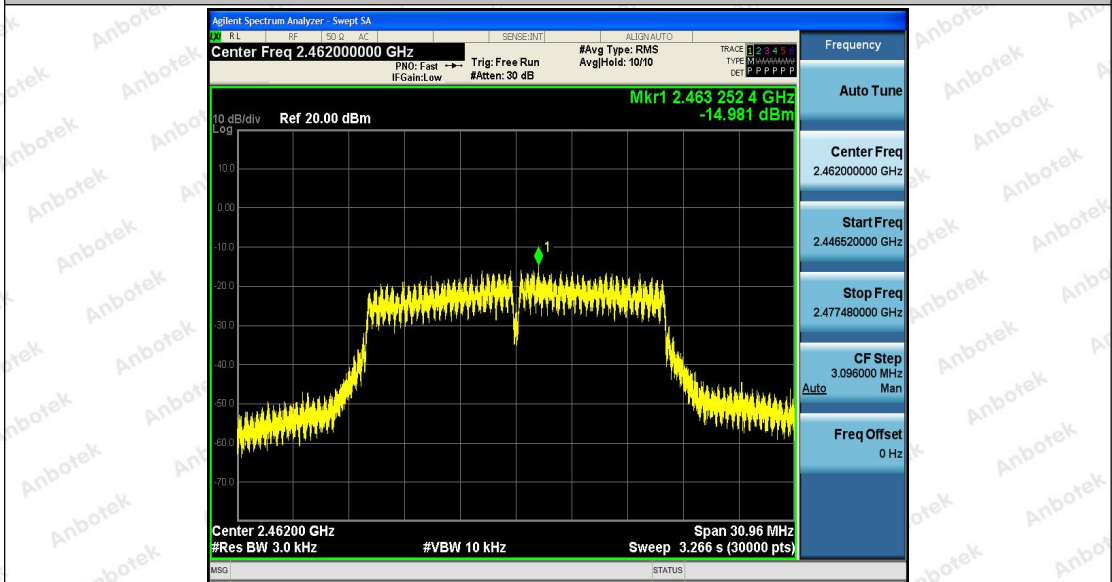
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11G\_Ant1\_2462



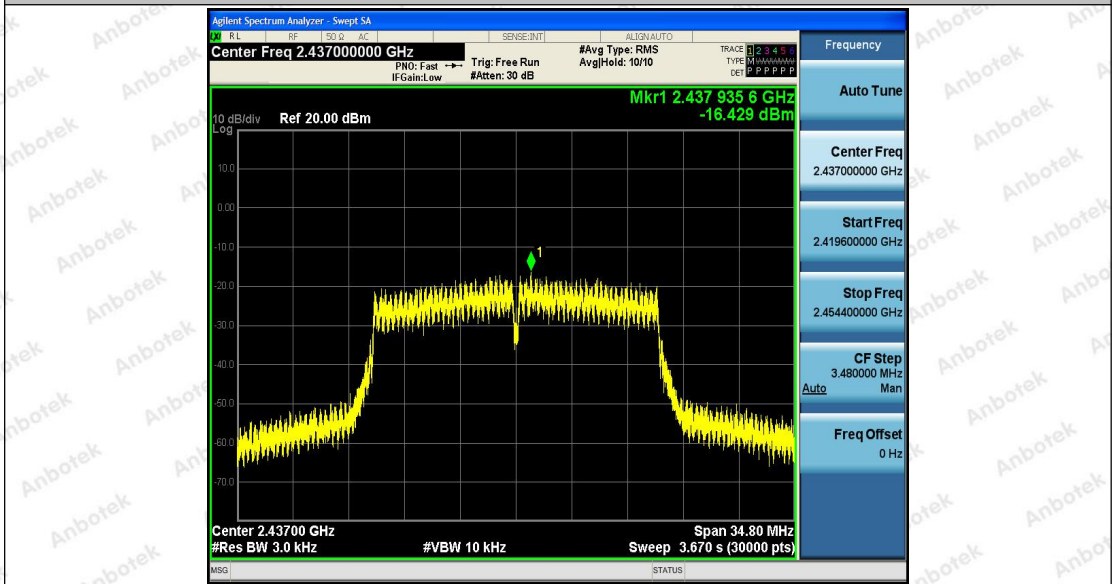
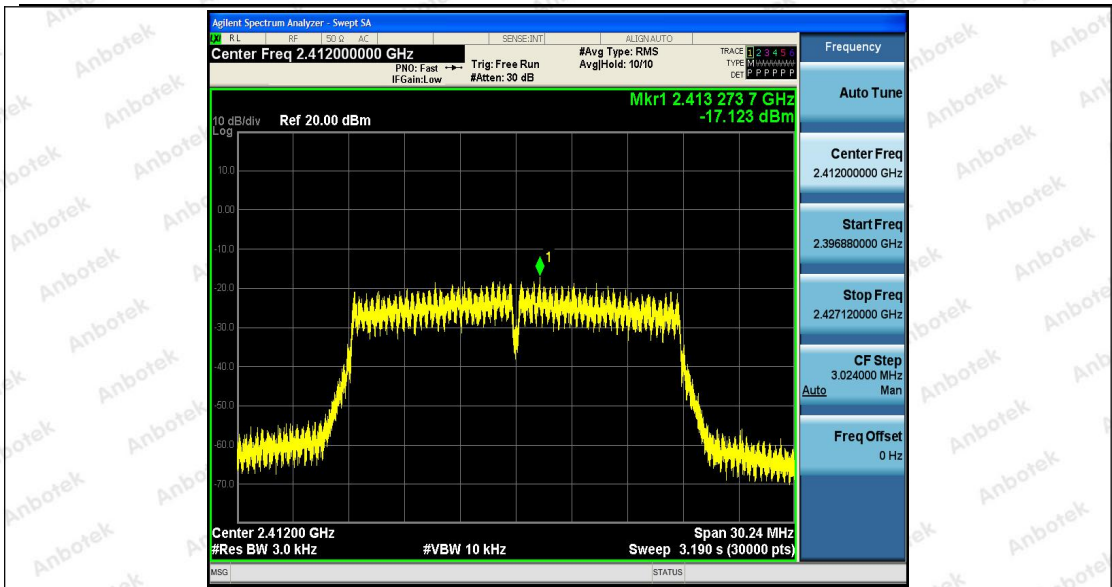
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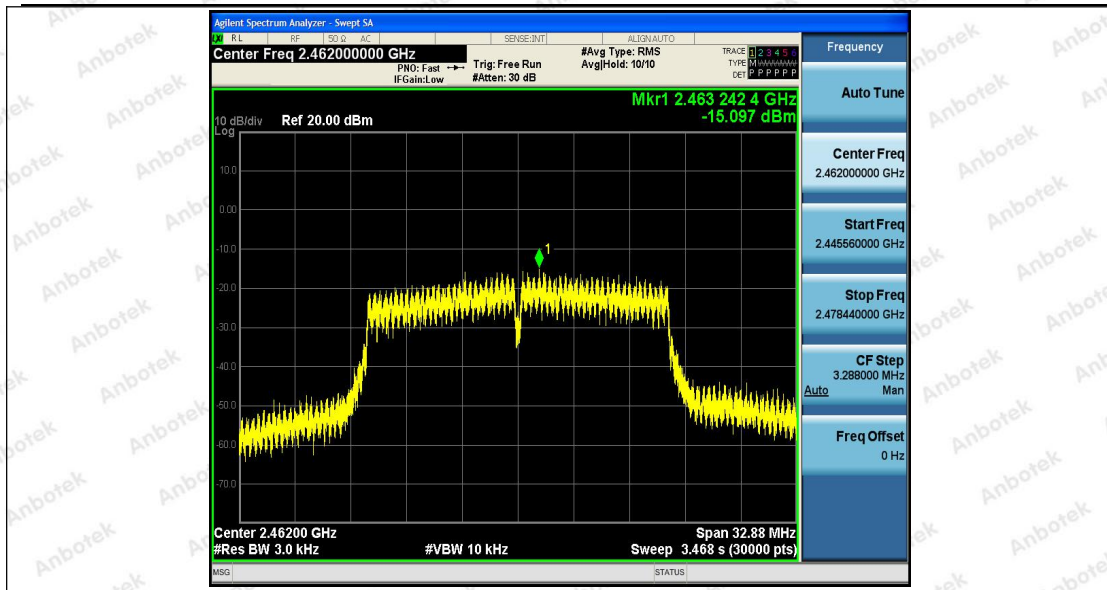


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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.40	-40.69	≤-18.6	PASS
		High	2462	2.24	-53.93	≤-17.76	PASS
11G	Ant1	Low	2412	-3.32	-39.46	≤-23.32	PASS
		High	2462	-1.78	-40.28	≤-21.78	PASS
11N20SI SO	Ant1	Low	2412	-3.00	-38.53	≤-23	PASS
		High	2462	-1.62	-38.56	≤-21.62	PASS

## Test Graphs



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11G\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412

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