

## Appendix Test Data

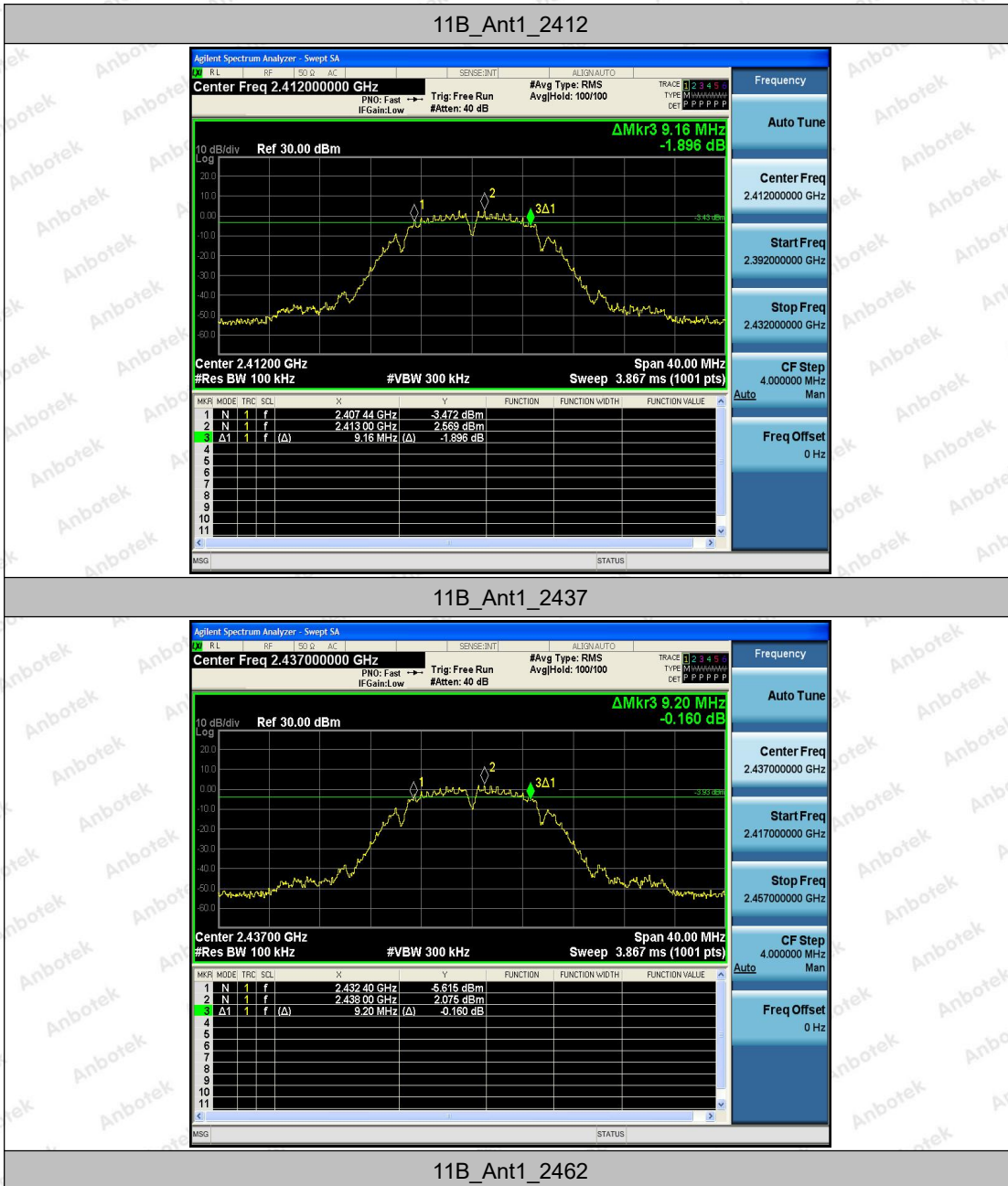
Report No.:	18220WC20020101	Test Sample No.:	1-2-2
Start Test Date:	2022.2.16	Finish Test Date:	2022.2.22
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	55 %
Pressure:	1012 hPa		

## Appendix A: DTS Bandwidth

## Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.160	2407.440	2416.600	≥0.5	PASS
		2437	9.200	2432.400	2441.600	≥0.5	PASS
		2462	9.080	2457.480	2466.560	≥0.5	PASS
11G	Ant1	2412	15.160	2404.440	2419.600	≥0.5	PASS
		2437	16.440	2428.800	2445.240	≥0.5	PASS
		2462	16.480	2453.800	2470.280	≥0.5	PASS
11N20	Ant1	2412	17.680	2403.160	2420.840	≥0.5	PASS
		2437	17.640	2428.200	2445.840	≥0.5	PASS
		2462	17.680	2453.160	2470.840	≥0.5	PASS

## Test Graphs

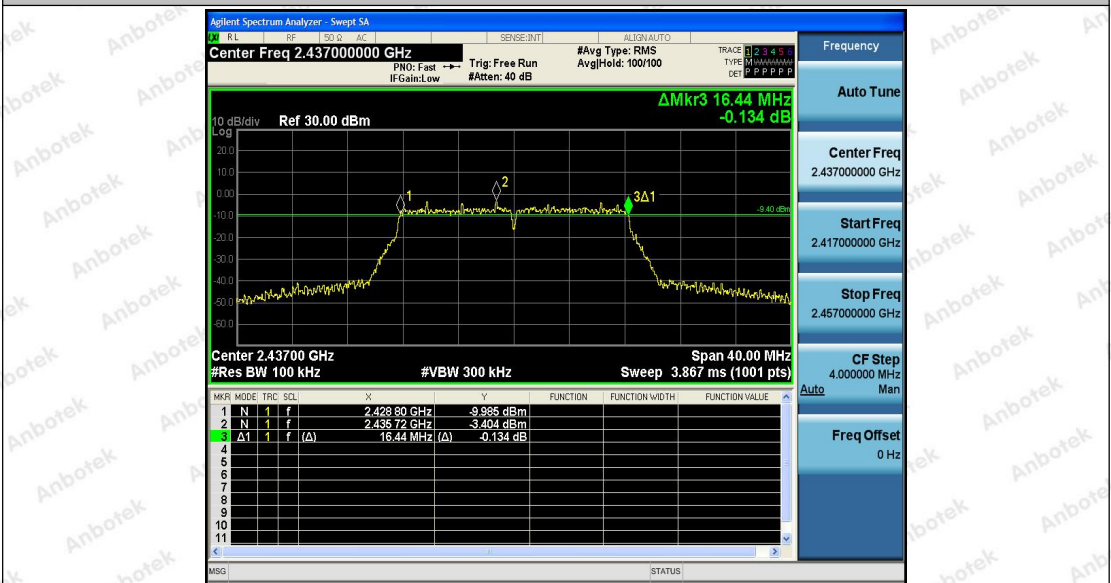




11G\_Ant1\_2412



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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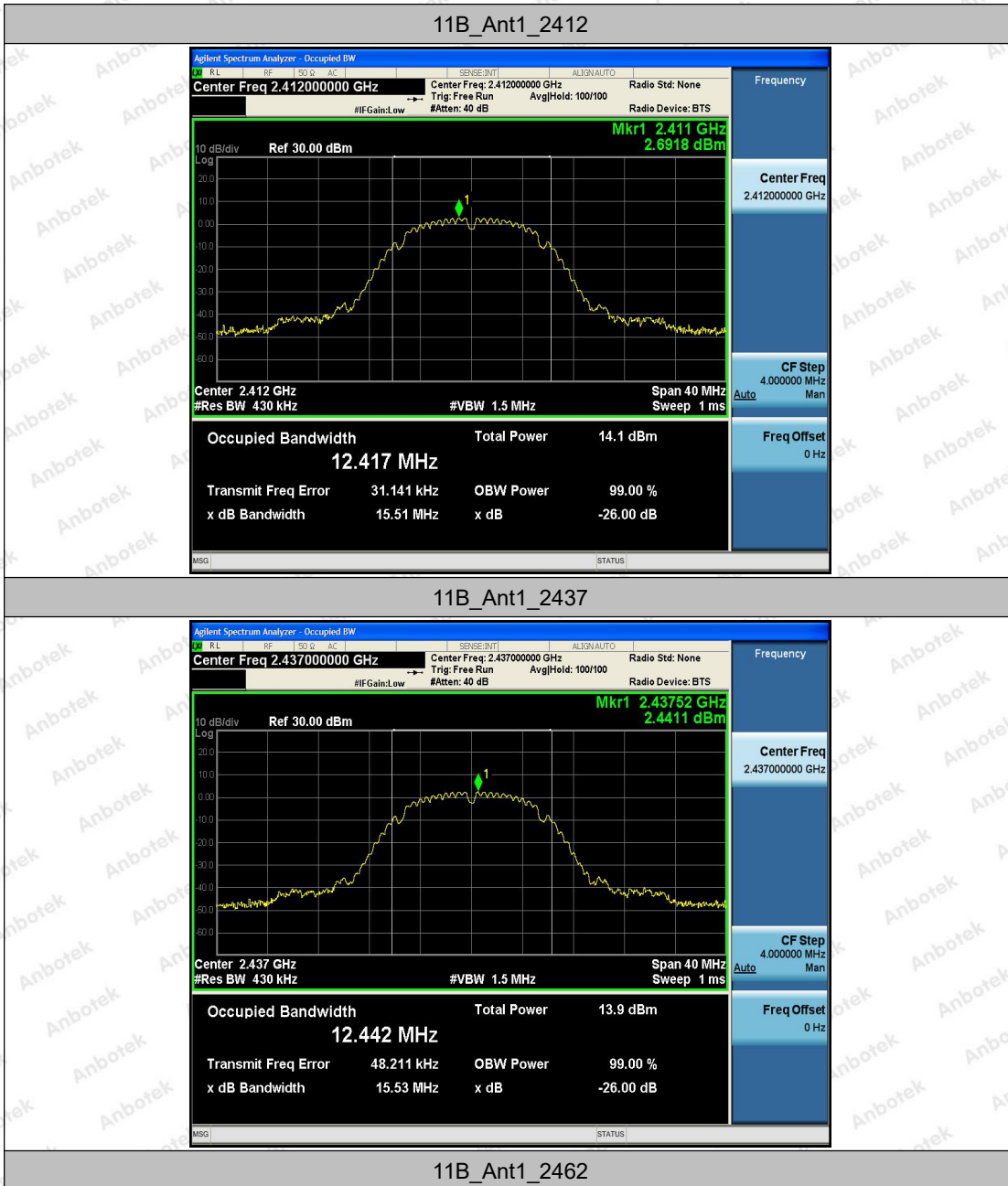
## Appendix B: Occupied Channel Bandwidth

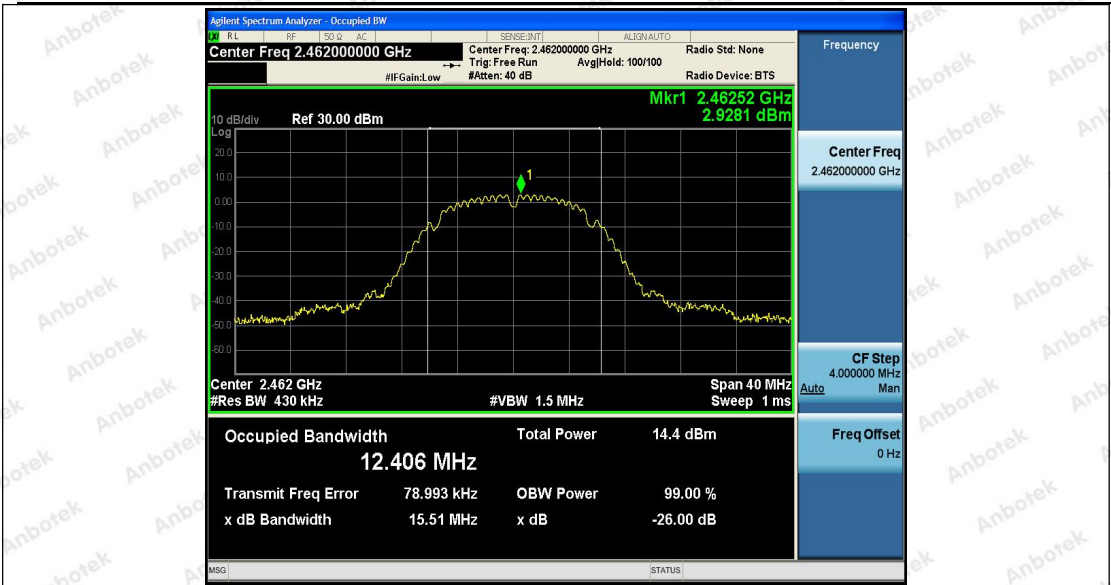
### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.417	2405.823	2418.240	---	PASS
		2437	12.442	2430.827	2443.269	---	PASS
		2462	12.406	2455.876	2468.282	---	PASS
11G	Ant1	2412	16.919	2403.515	2420.434	---	PASS
		2437	17.103	2428.465	2445.568	---	PASS
		2462	17.100	2453.530	2470.630	---	PASS
11N20	Ant1	2412	17.960	2403.035	2420.995	---	PASS
		2437	17.992	2428.043	2446.035	---	PASS
		2462	17.976	2453.089	2471.065	---	PASS

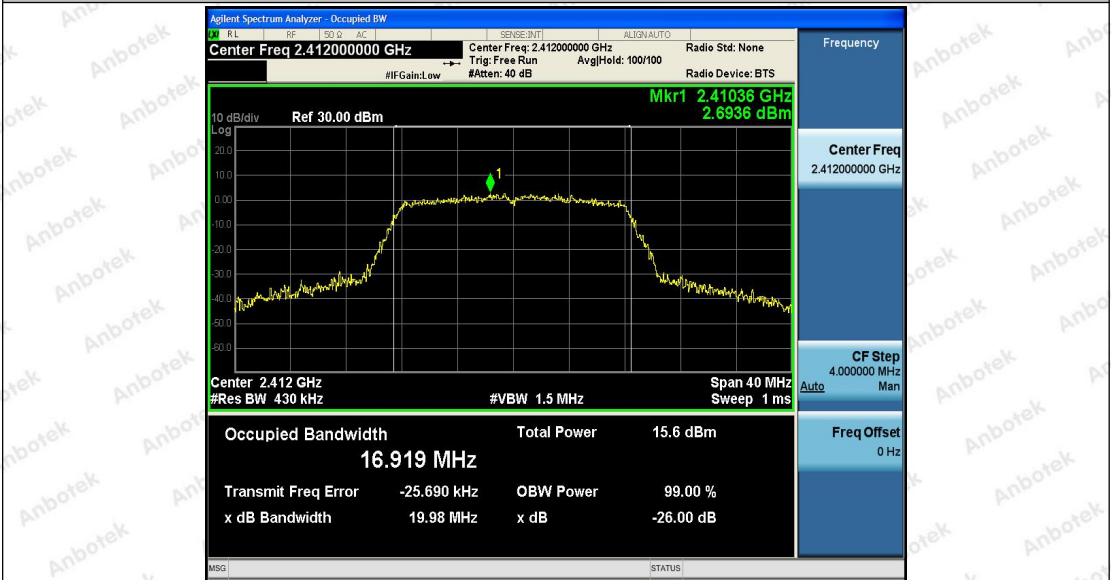


## Test Graphs

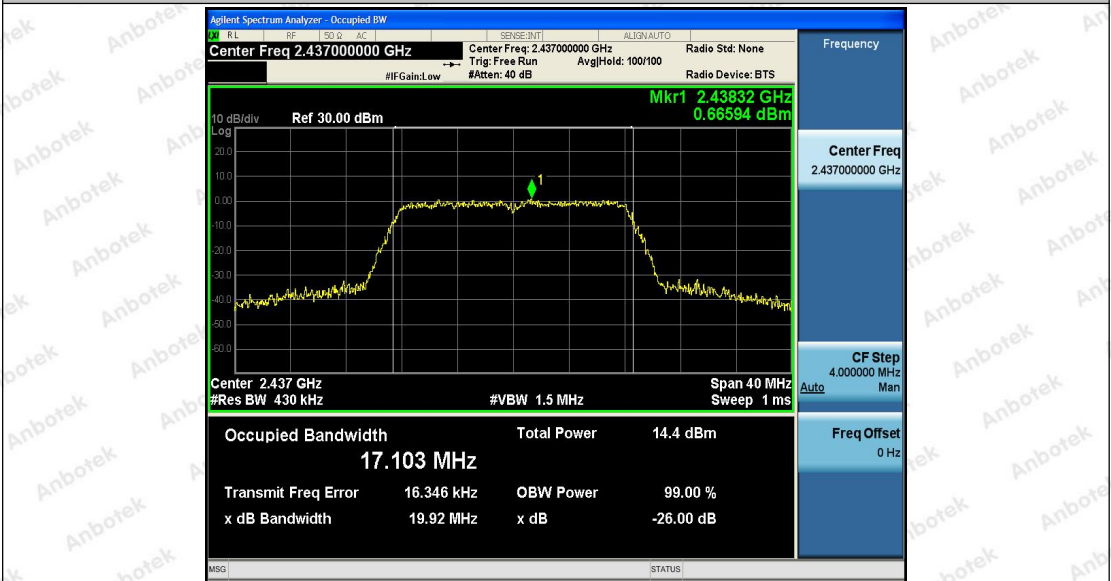




11G\_Ant1\_2412



11G\_Ant1\_2437

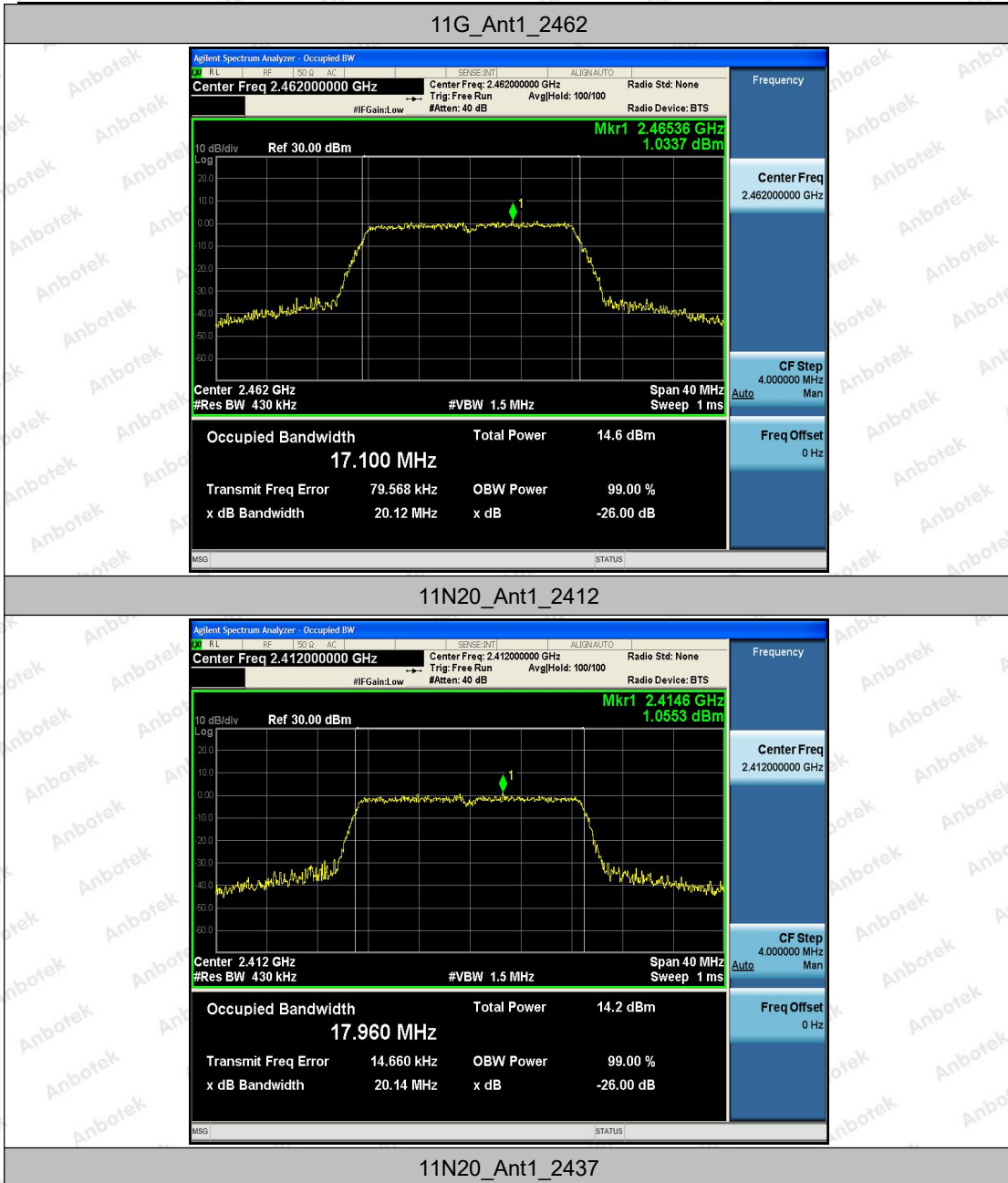


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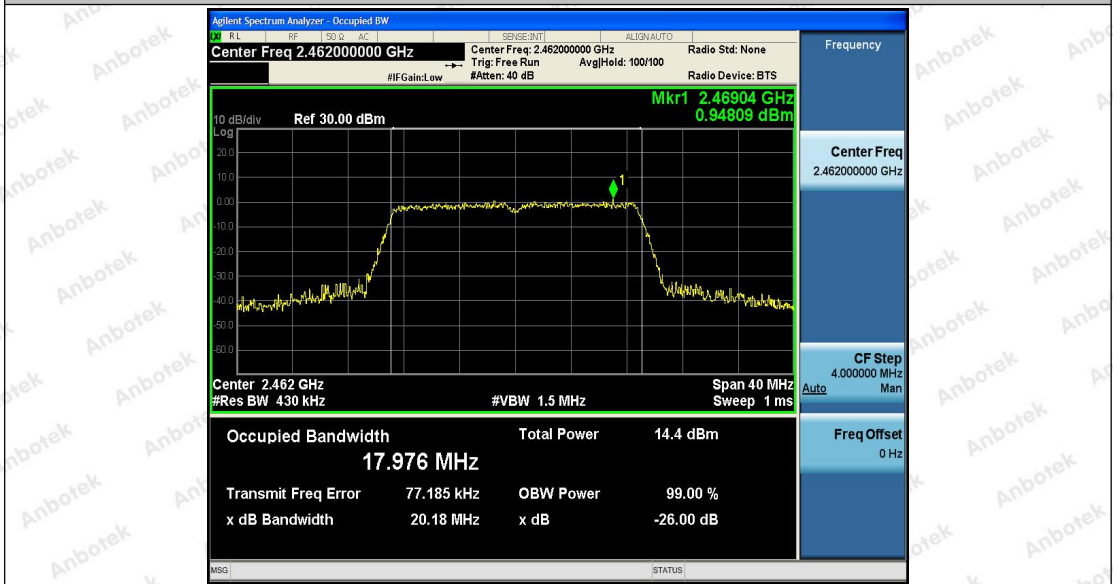
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11N20\_Ant1\_2462



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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.15	≤30	PASS
		2437	13.89	≤30	PASS
		2462	14.36	≤30	PASS
11G	Ant1	2412	15.27	≤30	PASS
		2437	15.39	≤30	PASS
		2462	15.67	≤30	PASS
11N20	Ant1	2412	15.29	≤30	PASS
		2437	15.43	≤30	PASS
		2462	15.52	≤30	PASS

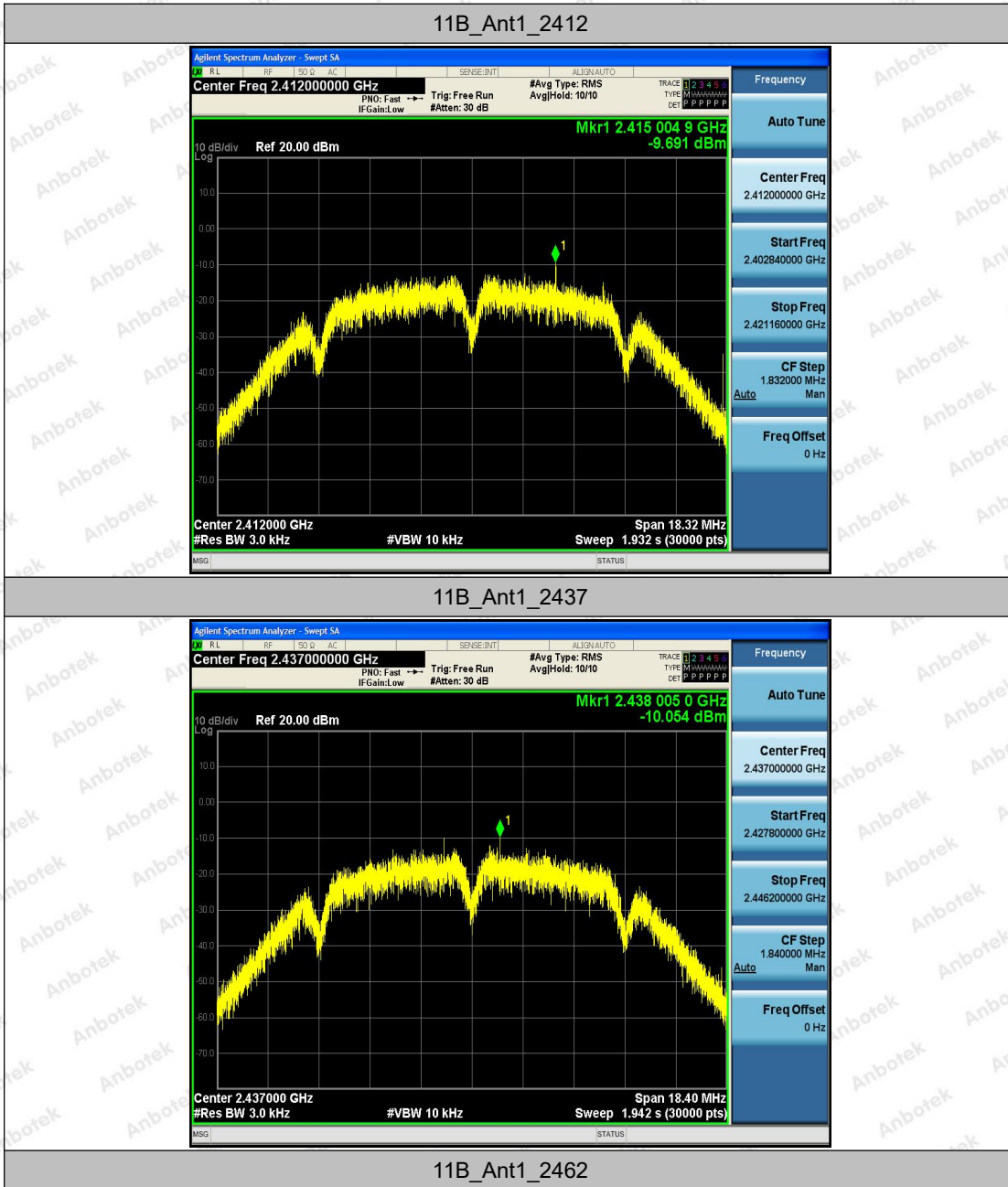


## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.69	≤8	PASS
		2437	-10.05	≤8	PASS
		2462	-6.63	≤8	PASS
11G	Ant1	2412	-16.77	≤8	PASS
		2437	-16.81	≤8	PASS
		2462	-16.93	≤8	PASS
11N20	Ant1	2412	-16.54	≤8	PASS
		2437	-16.8	≤8	PASS
		2462	-17.03	≤8	PASS

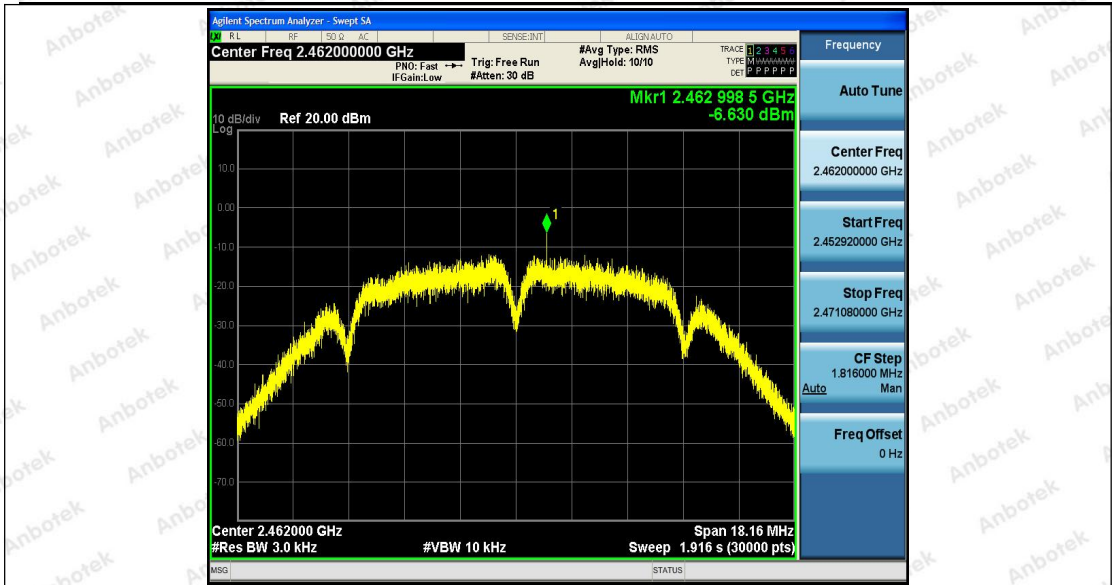
## Test Graphs



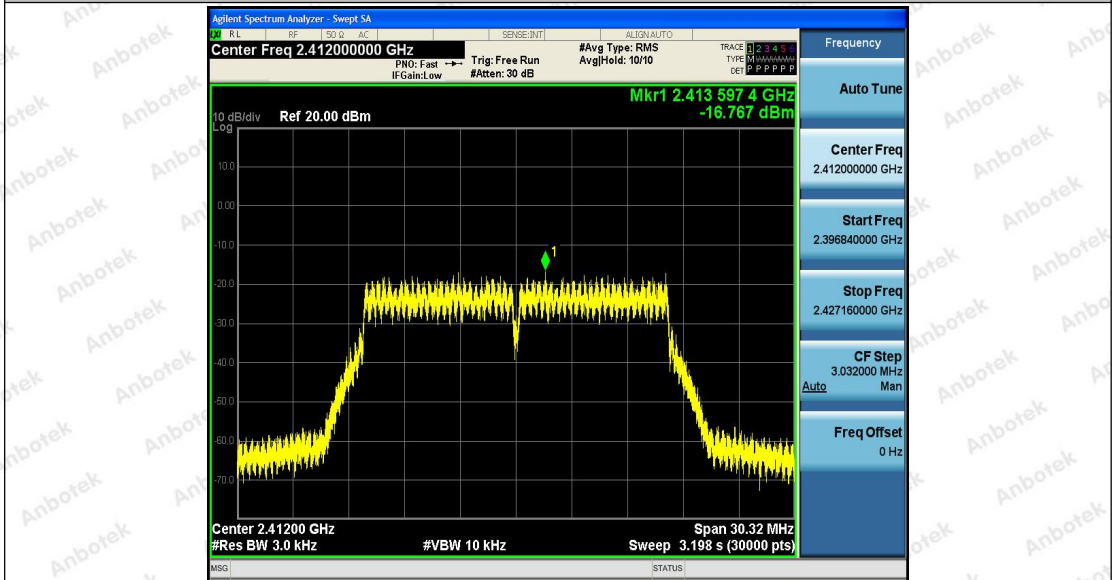
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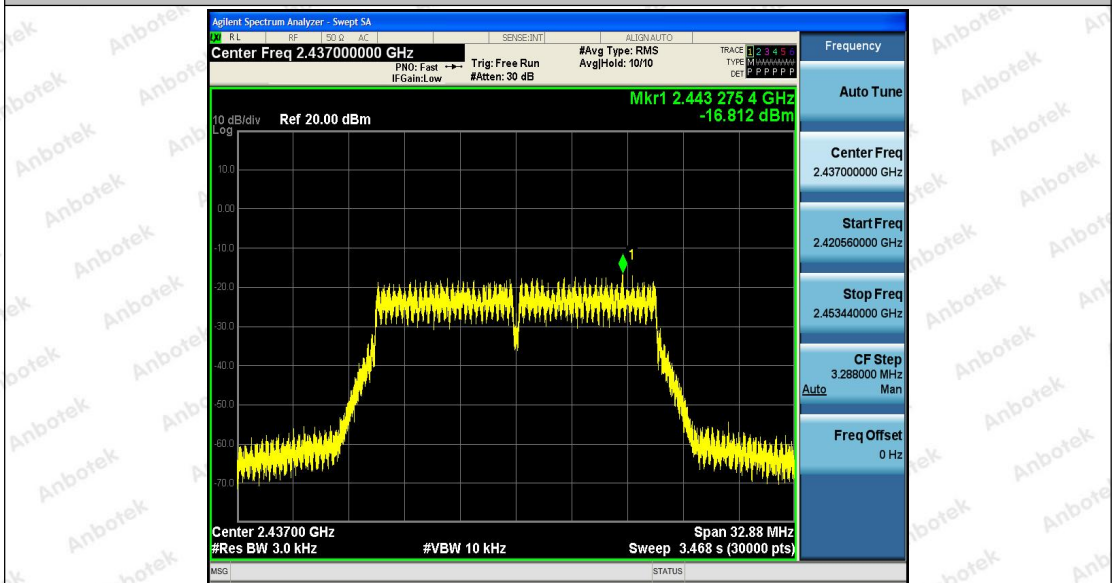
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11G\_Ant1\_2412



11G\_Ant1\_2437

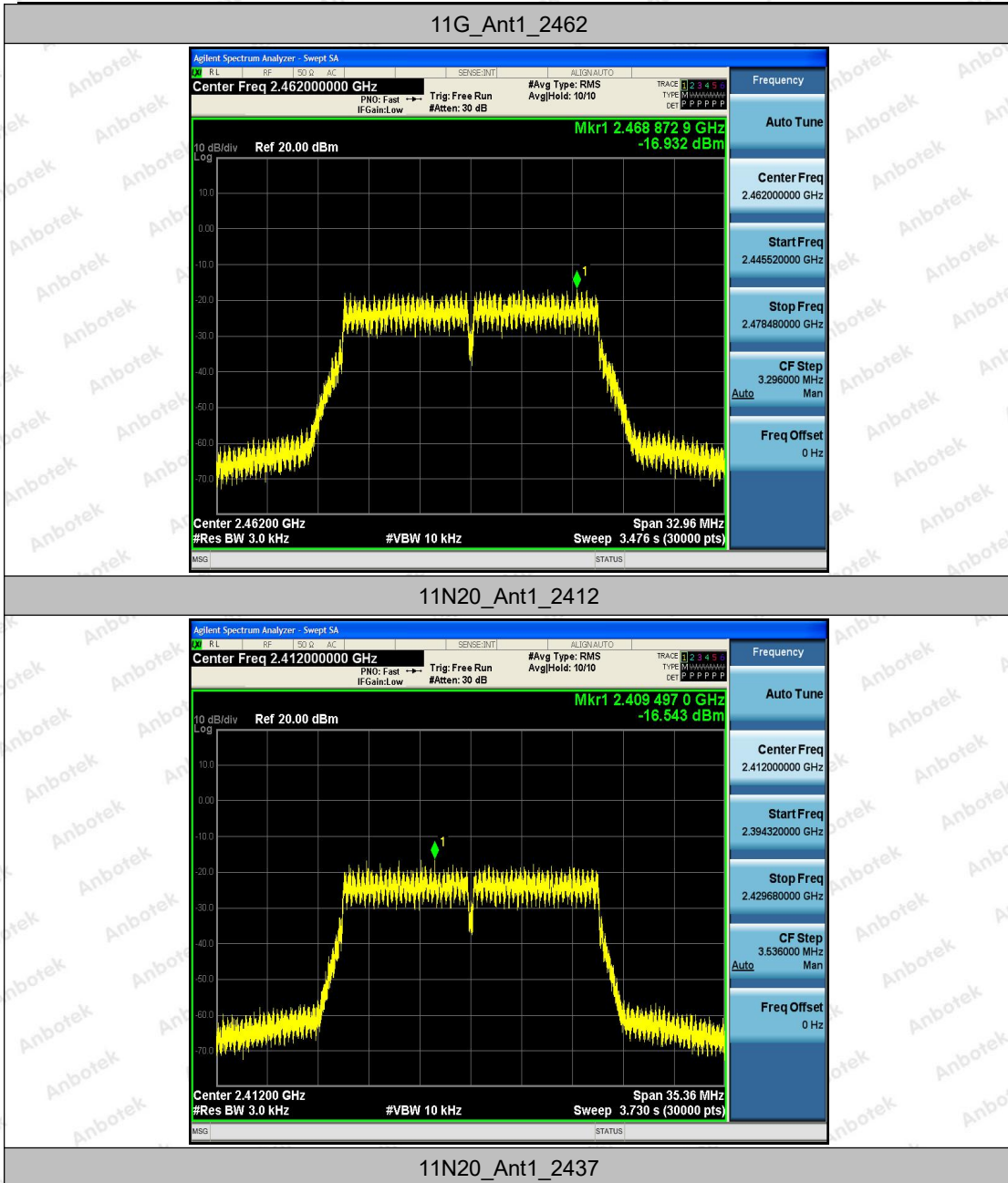


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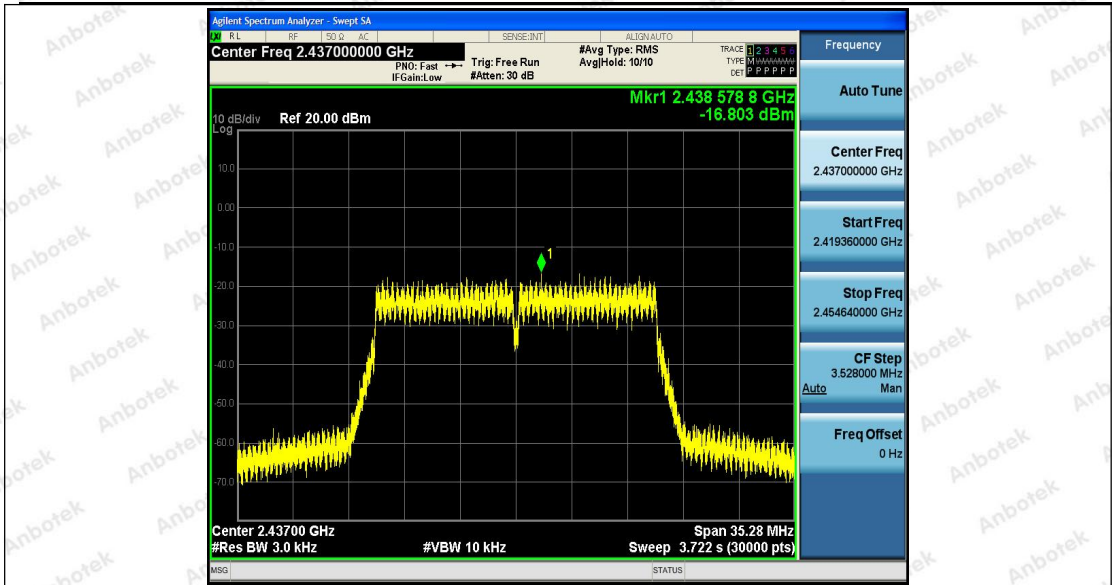




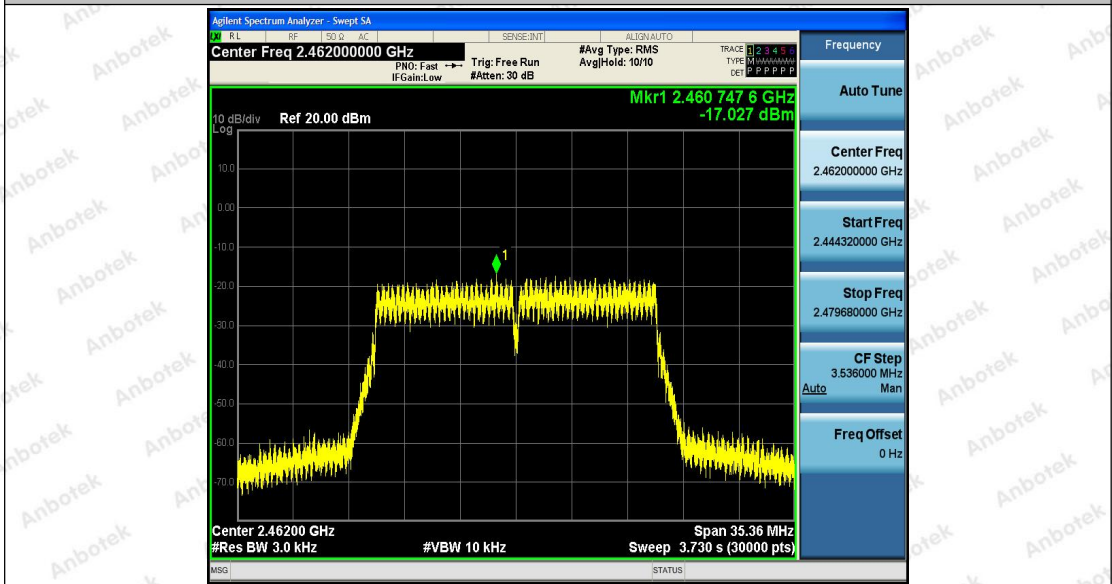
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11N20\_Ant1\_2462



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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	2.52	-44.54	≤-17.48	PASS
		High	2462	2.78	-57.35	≤-17.22	PASS
11G	Ant1	Low	2412	-3.33	-41.17	≤-23.33	PASS
		High	2462	-2.25	-51.98	≤-22.25	PASS
11N20	Ant1	Low	2412	-2.91	-40.67	≤-22.91	PASS
		High	2462	-2.38	-50.74	≤-22.38	PASS



## Test Graphs





11G\_Ant1\_High\_2462



11N20\_Ant1\_Low\_2412



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