

## Appendix Test Data

Report No.:	18220WC20018401	Test Sample No.:	1-2-2
Start Test Date:	2022.2.15	Finish Test Date:	2022.2.18
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	55.7 %
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	9.640	2406.960	2416.600	≥0.5	PASS
		2437	9.200	2432.400	2441.600	≥0.5	PASS
		2462	9.200	2457.400	2466.600	≥0.5	PASS
11G	Ant1	2412	13.880	2404.480	2418.360	≥0.5	PASS
		2437	16.160	2429.040	2445.200	≥0.5	PASS
		2462	15.760	2454.440	2470.200	≥0.5	PASS
11N20	Ant1	2412	15.080	2404.440	2419.520	≥0.5	PASS
		2437	15.160	2429.440	2444.600	≥0.5	PASS
		2462	17.400	2453.440	2470.840	≥0.5	PASS
11N40	Ant1	2422	35.280	2404.360	2439.640	≥0.5	PASS
		2437	35.460	2419.360	2454.820	≥0.5	PASS
		2452	35.160	2434.480	2469.640	≥0.5	PASS

## Test Graphs

11B\_Ant1\_2412



11B\_Ant1\_2437



11B\_Ant1\_2462



11G\_Ant1\_2412



11G\_Ant1\_2437



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11G\_Ant1\_2462



11N20\_Ant1\_2412

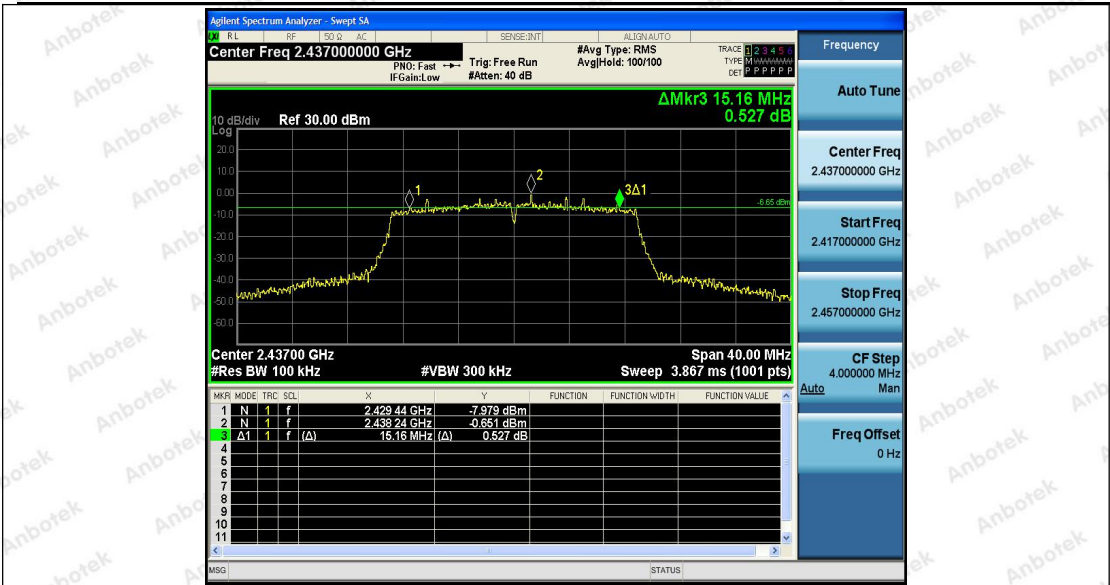


11N20\_Ant1\_2437

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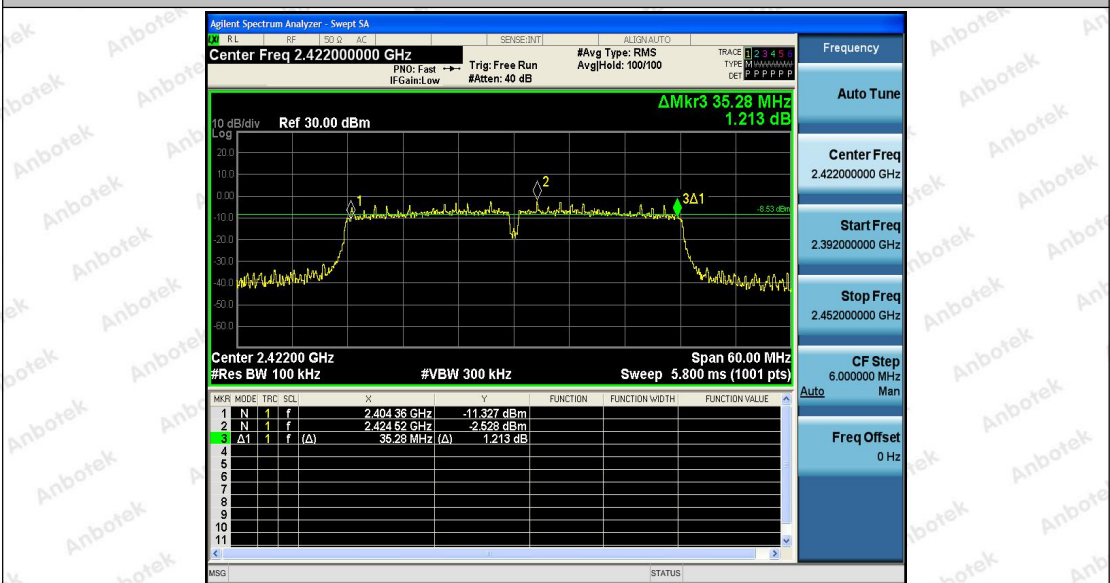
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11N20\_Ant1\_2462



11N40\_Ant1\_2422

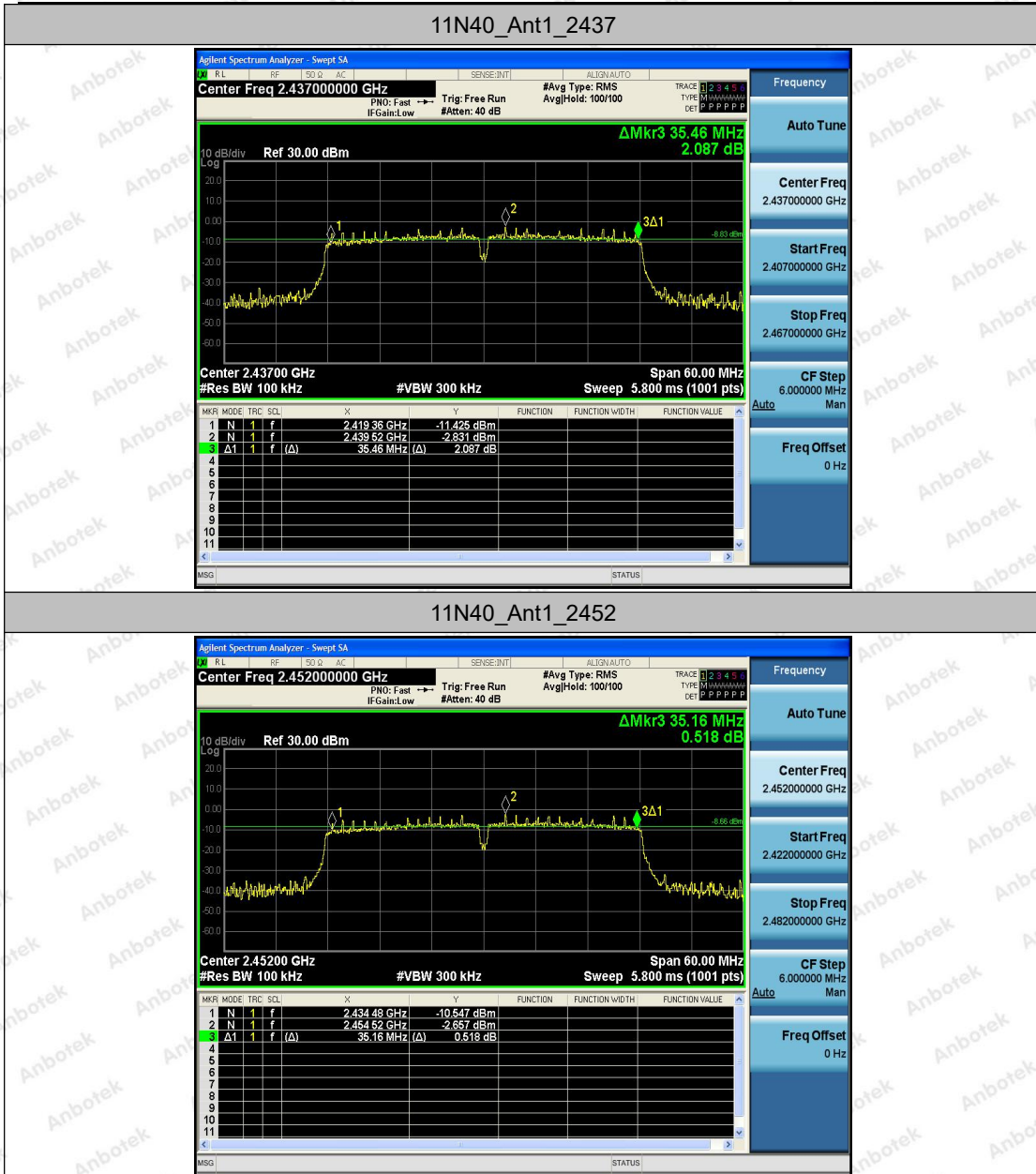


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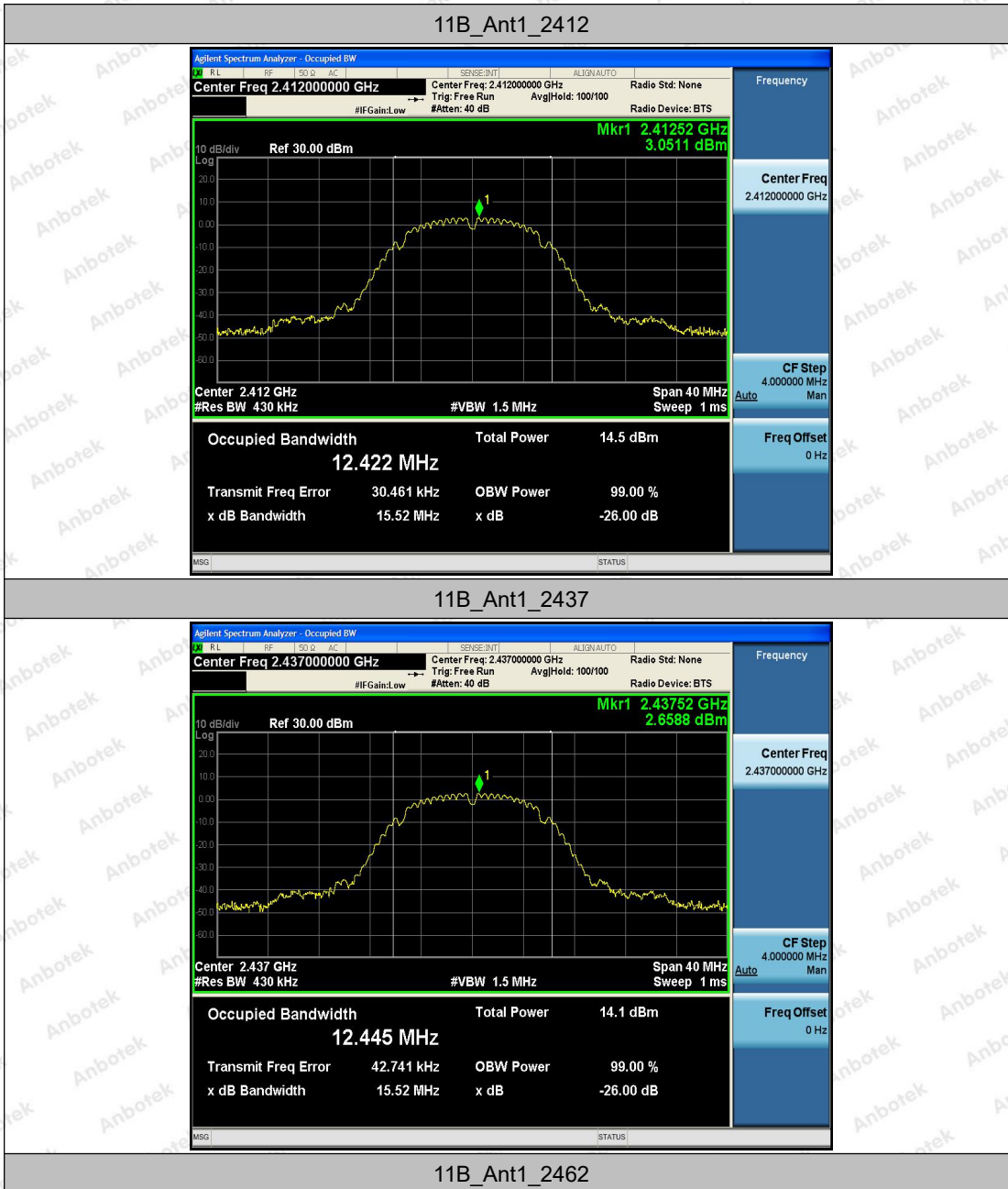
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## Appendix B: Occupied Channel Bandwidth

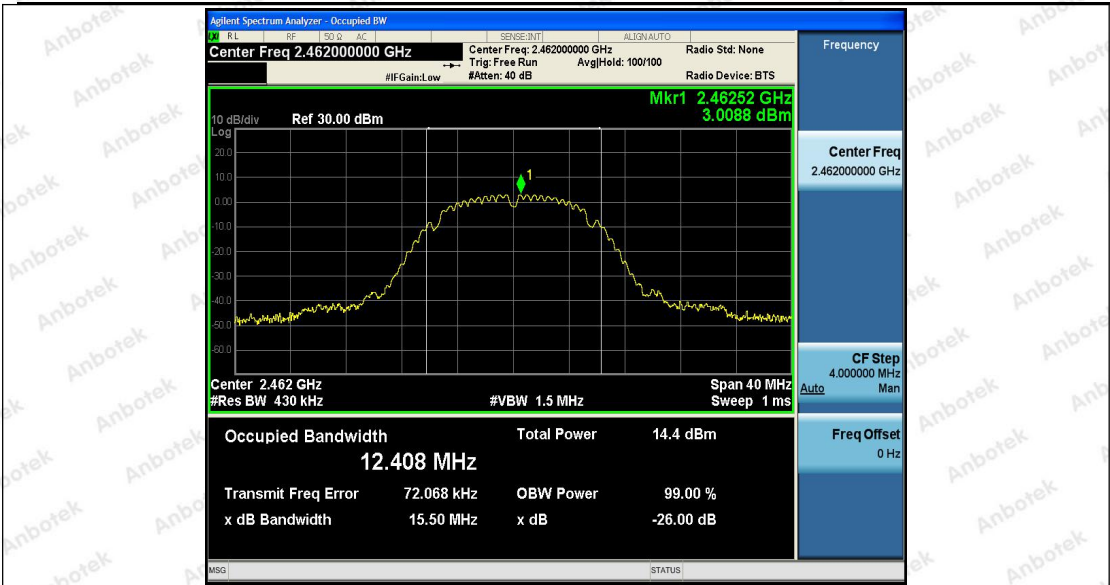
### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.422	2405.819	2418.241	---	PASS
		2437	12.445	2430.820	2443.265	---	PASS
		2462	12.408	2455.868	2468.276	---	PASS
11G	Ant1	2412	16.876	2403.556	2420.432	---	PASS
		2437	16.794	2428.608	2445.402	---	PASS
		2462	16.850	2453.607	2470.457	---	PASS
11N20	Ant1	2412	17.754	2403.129	2420.883	---	PASS
		2437	17.756	2428.161	2445.917	---	PASS
		2462	17.717	2453.191	2470.908	---	PASS
11N40	Ant1	2422	35.992	2404.012	2440.004	---	PASS
		2437	35.991	2419.066	2455.057	---	PASS
		2452	35.959	2434.126	2470.085	---	PASS

## Test Graphs



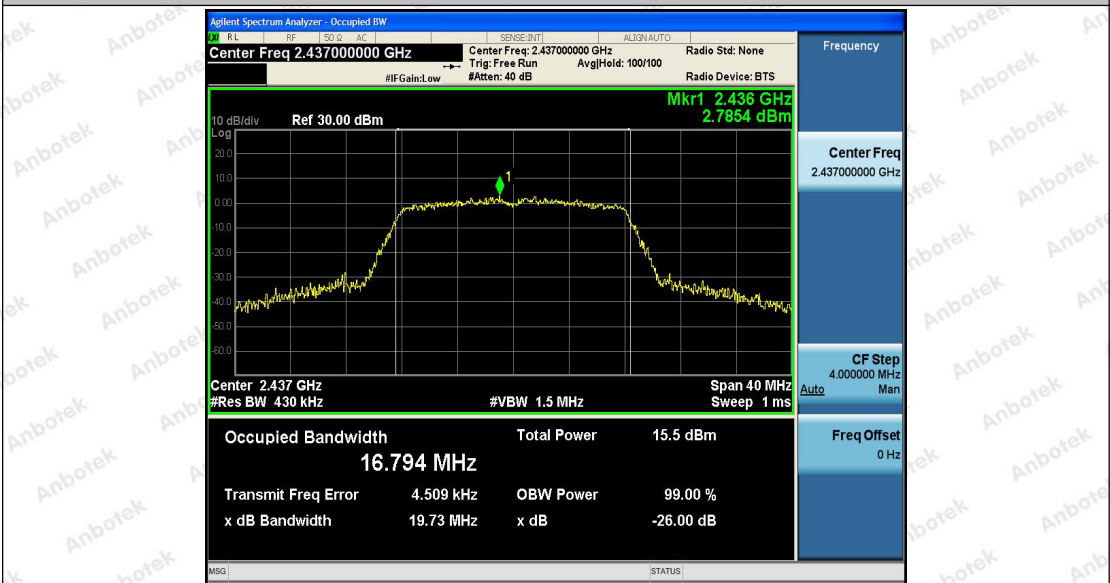




11G\_Ant1\_2412



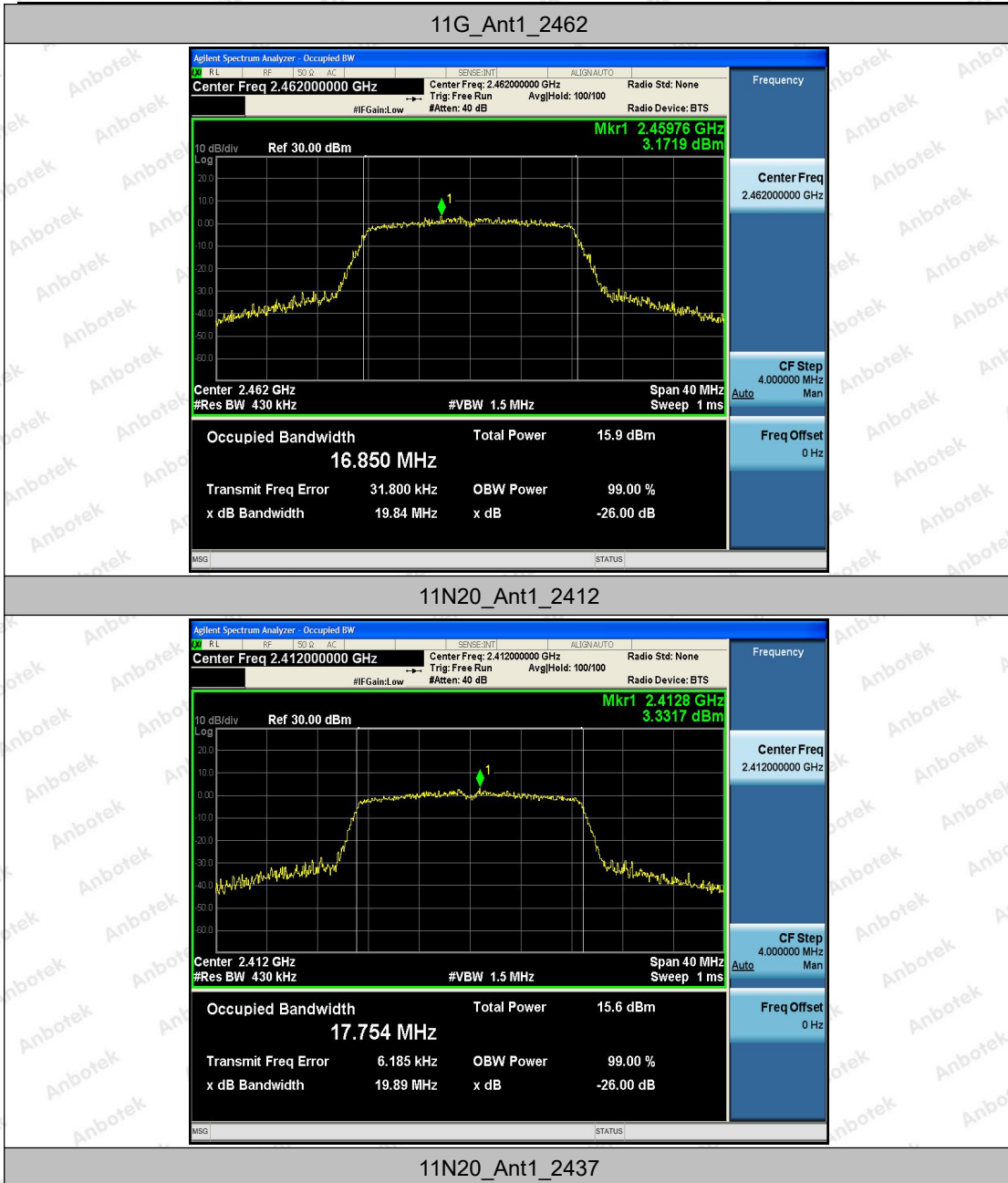
11G\_Ant1\_2437



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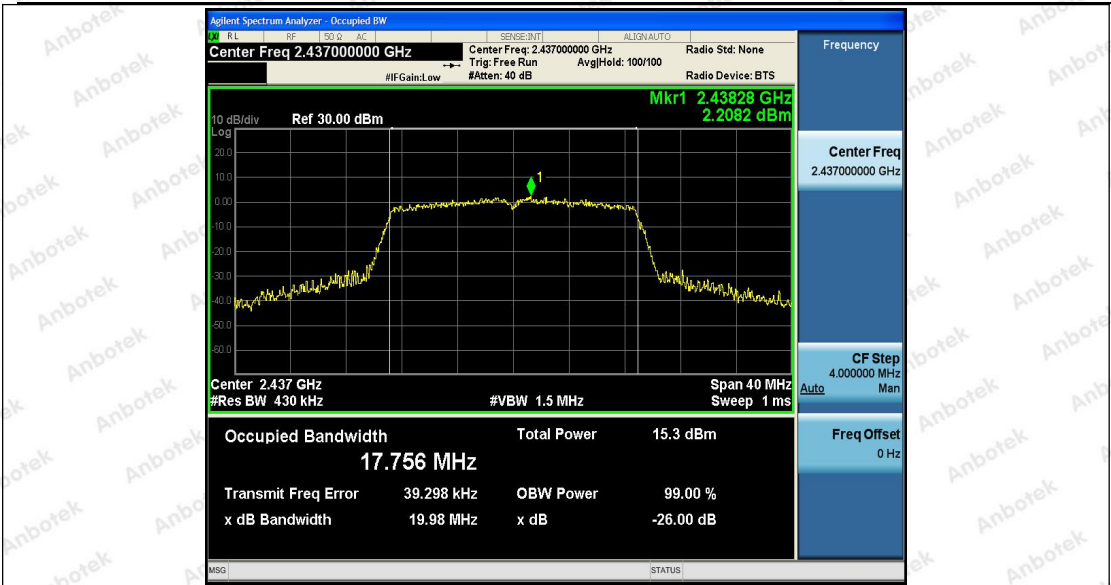


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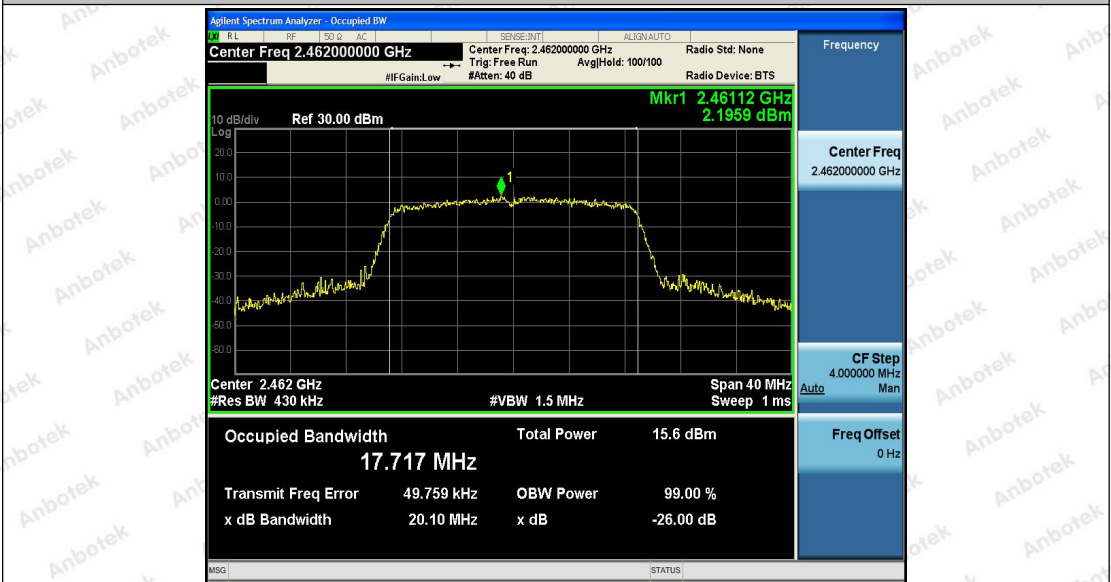
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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

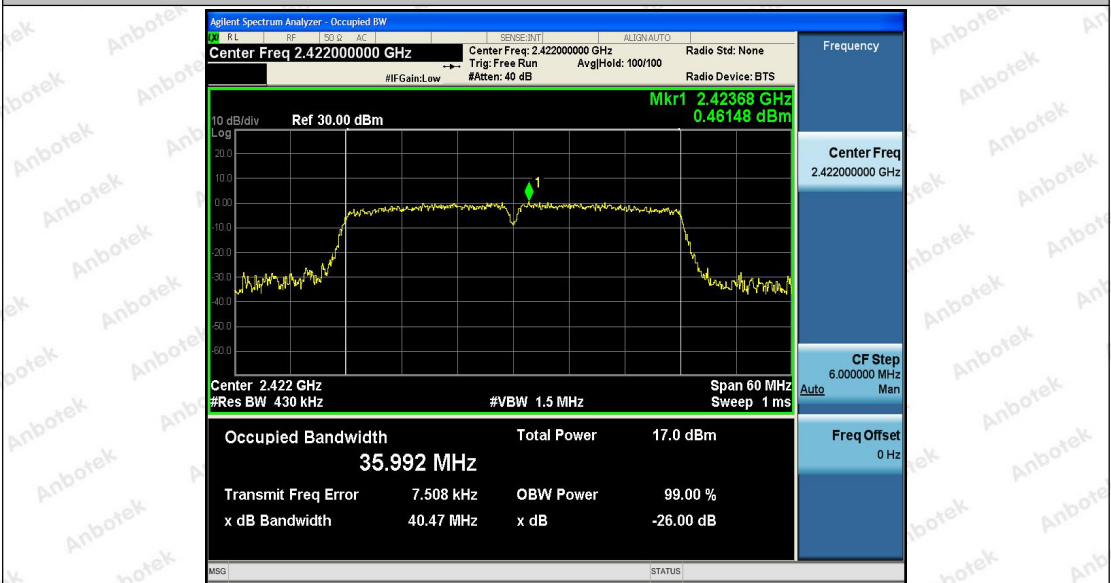
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11N20\_Ant1\_2462



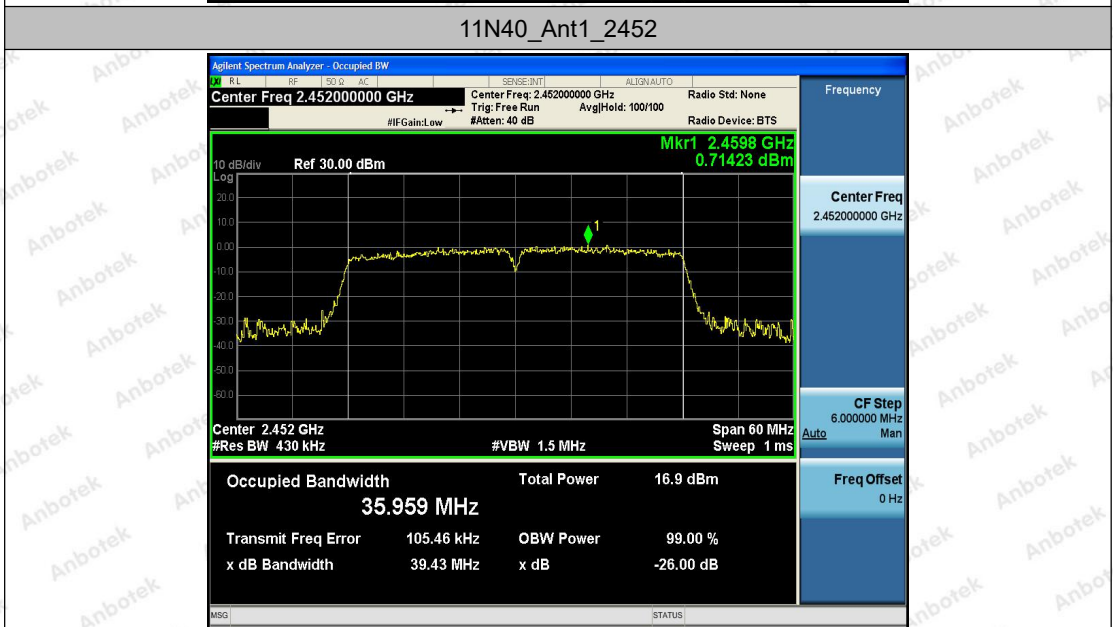
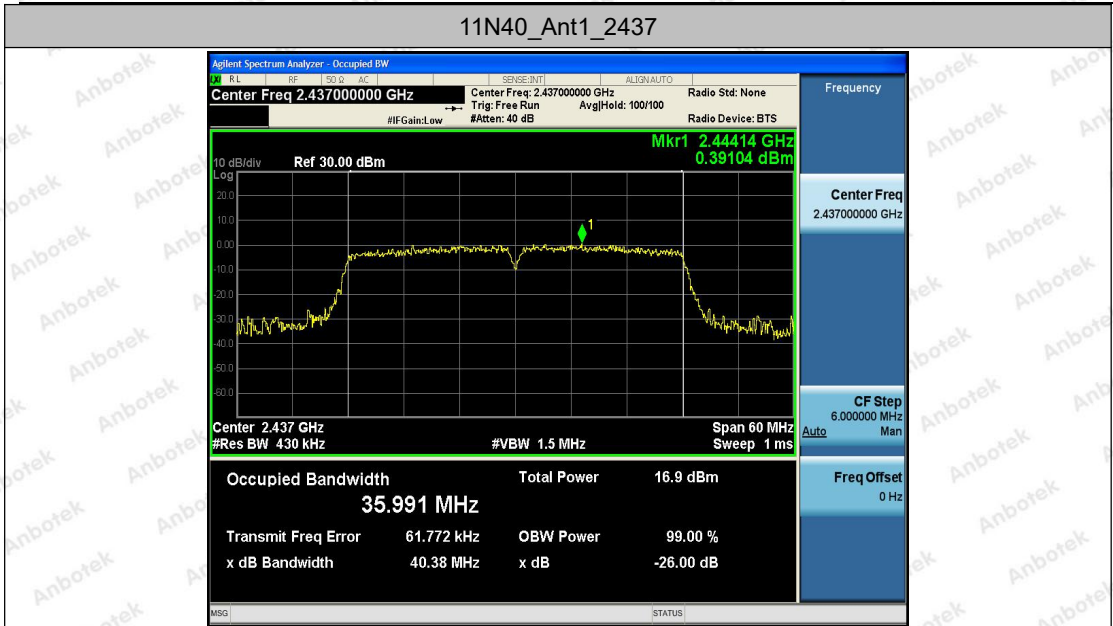
11N40\_Ant1\_2422



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## Appendix C: Maximum conducted output power

### Test Result

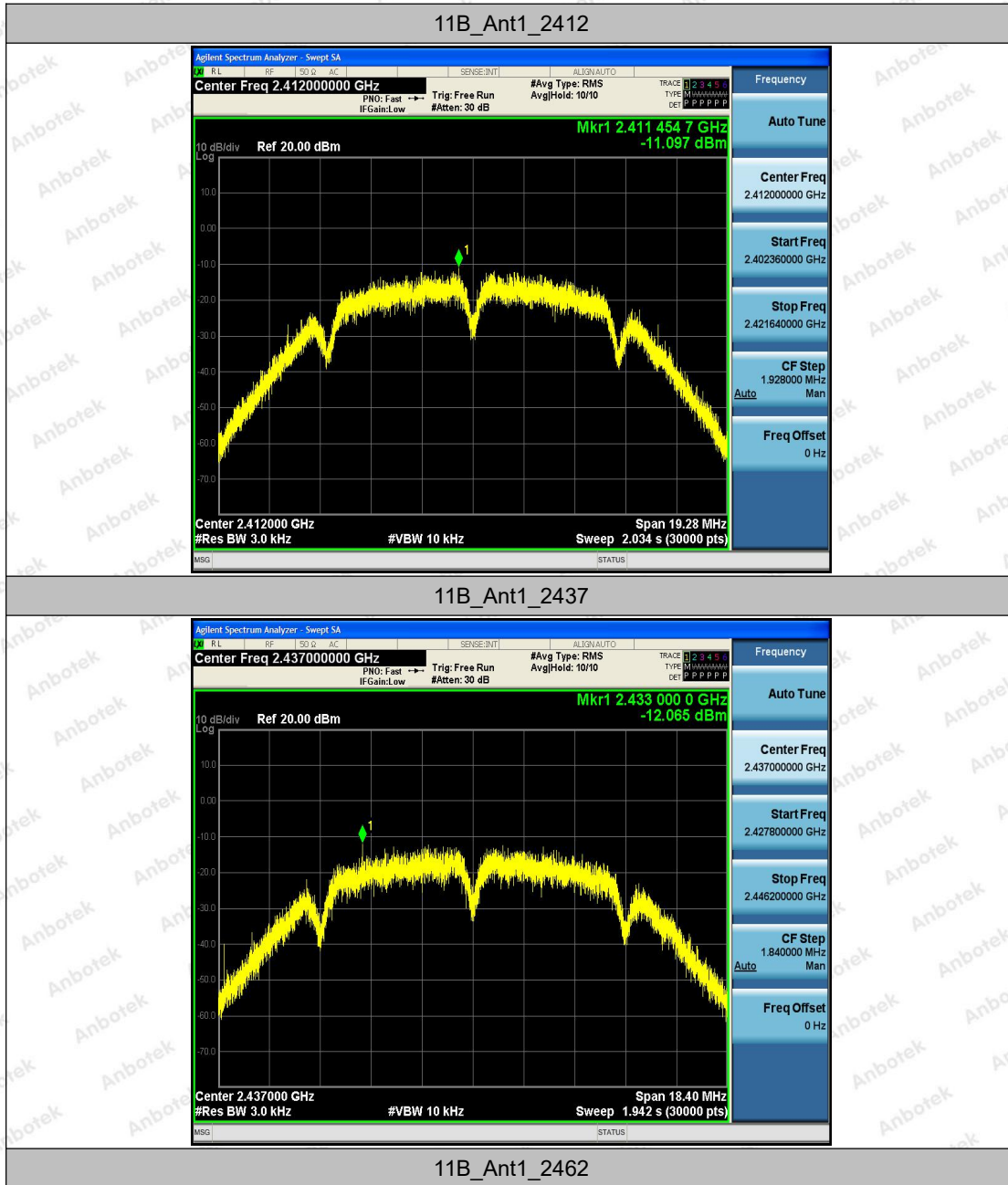
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.50	≤30	PASS
		2437	14.13	≤30	PASS
		2462	14.43	≤30	PASS
11G	Ant1	2412	16.31	≤30	PASS
		2437	16.55	≤30	PASS
		2462	16.93	≤30	PASS
11N20	Ant1	2412	16.75	≤30	PASS
		2437	16.48	≤30	PASS
		2462	16.41	≤30	PASS
11N40	Ant1	2422	16.13	≤30	PASS
		2437	15.68	≤30	PASS
		2452	16.18	≤30	PASS

## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.1	≤8	PASS
		2437	-12.07	≤8	PASS
		2462	-11.55	≤8	PASS
11G	Ant1	2412	-14.36	≤8	PASS
		2437	-14.52	≤8	PASS
		2462	-15.91	≤8	PASS
11N20	Ant1	2412	-14.7	≤8	PASS
		2437	-14.53	≤8	PASS
		2462	-14.59	≤8	PASS
11N40	Ant1	2422	-16	≤8	PASS
		2437	-17.07	≤8	PASS
		2452	-17.05	≤8	PASS

## Test Graphs



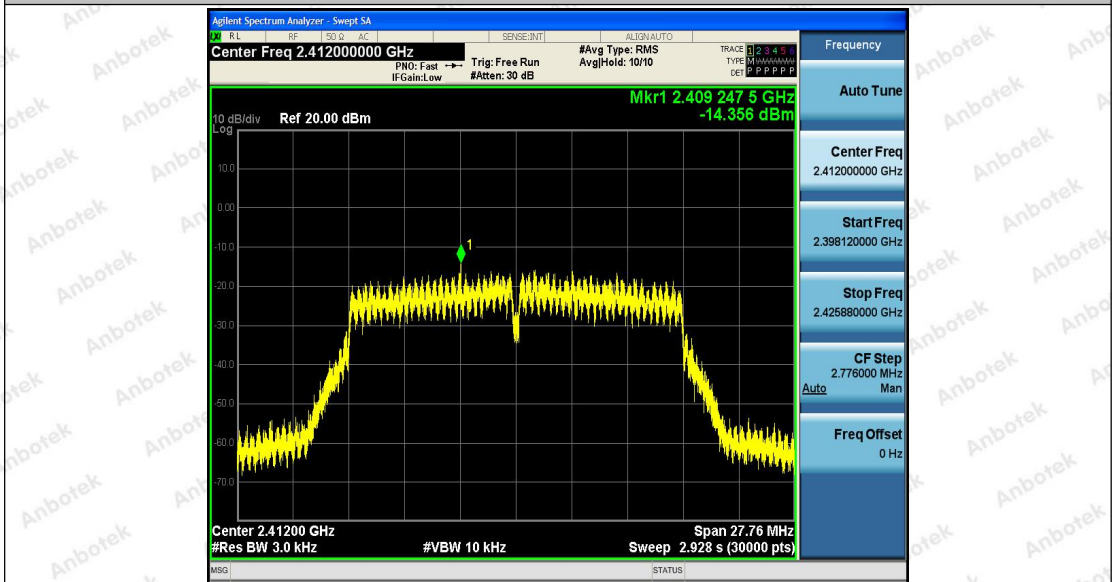
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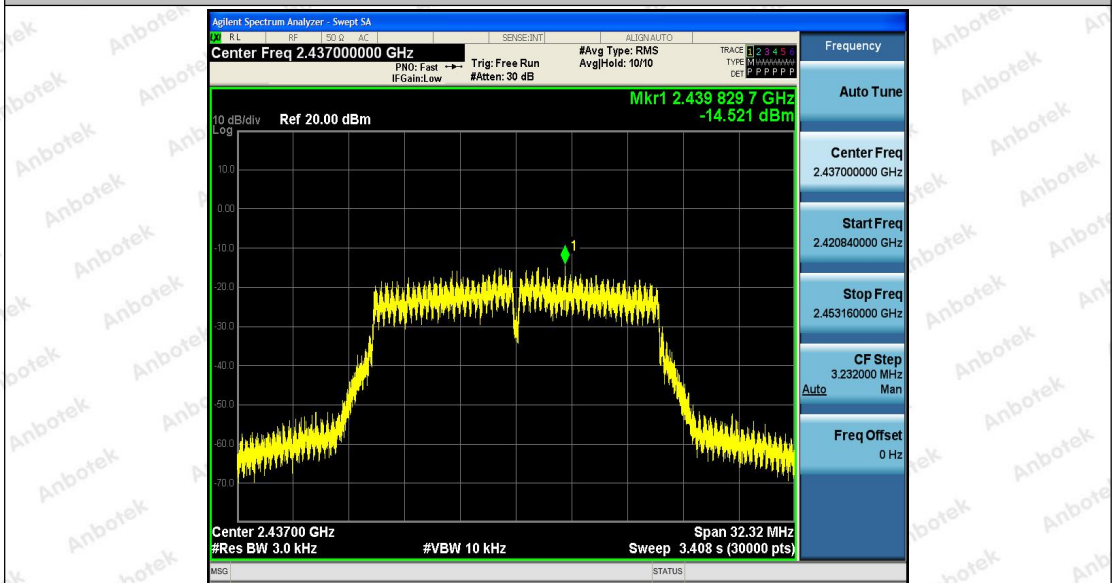
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11G\_Ant1\_2412



11G\_Ant1\_2437



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