

## Appendix Test Data

Project No.:	18220WC10151401	Test Date:	2021.7.12
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	23.3C°	Relative Humidity:	56%
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	9.680	2407.400	2417.080	>=0.5	PASS
		2437	9.160	2432.440	2441.600	>=0.5	PASS
		2462	9.200	2457.400	2466.600	>=0.5	PASS
11G	Ant1	2412	15.800	2404.400	2420.200	>=0.5	PASS
		2437	16.000	2429.200	2445.200	>=0.5	PASS
		2462	15.800	2454.080	2469.880	>=0.5	PASS
11N20	Ant1	2412	17.000	2403.440	2420.440	>=0.5	PASS
		2437	15.680	2429.440	2445.120	>=0.5	PASS
		2462	16.000	2454.440	2470.440	>=0.5	PASS

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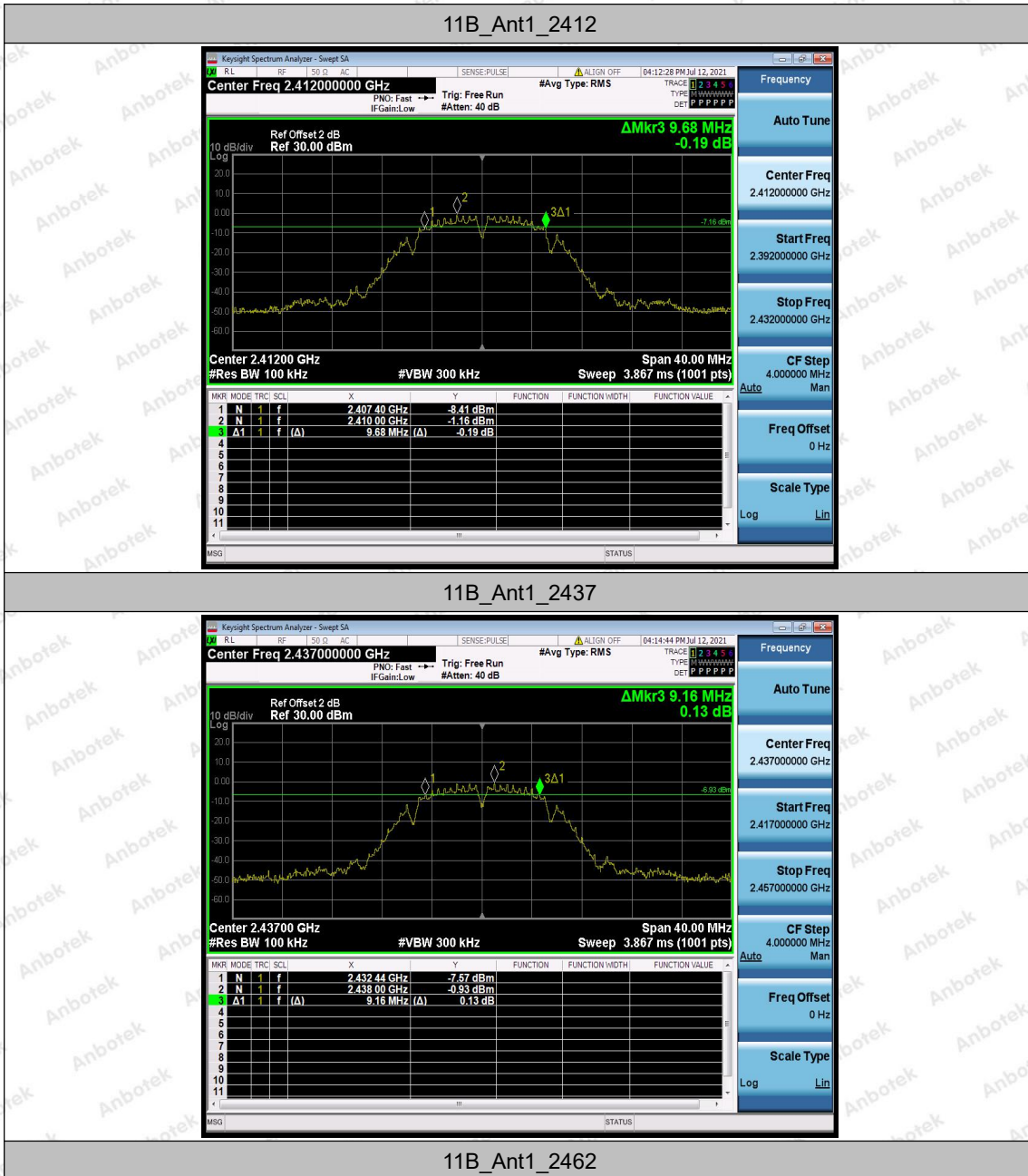


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## Test Graphs



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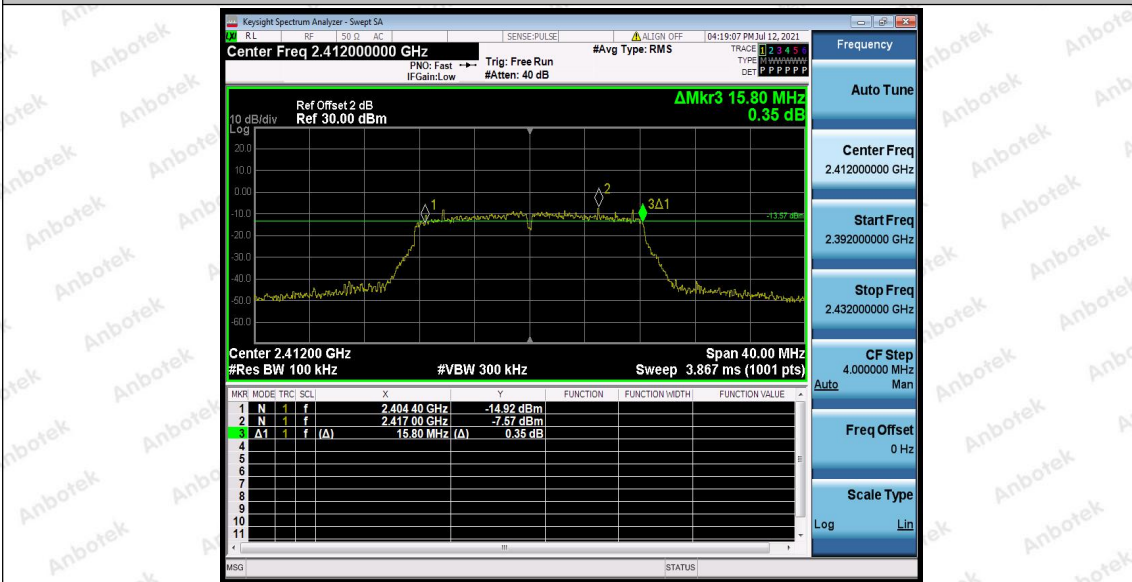
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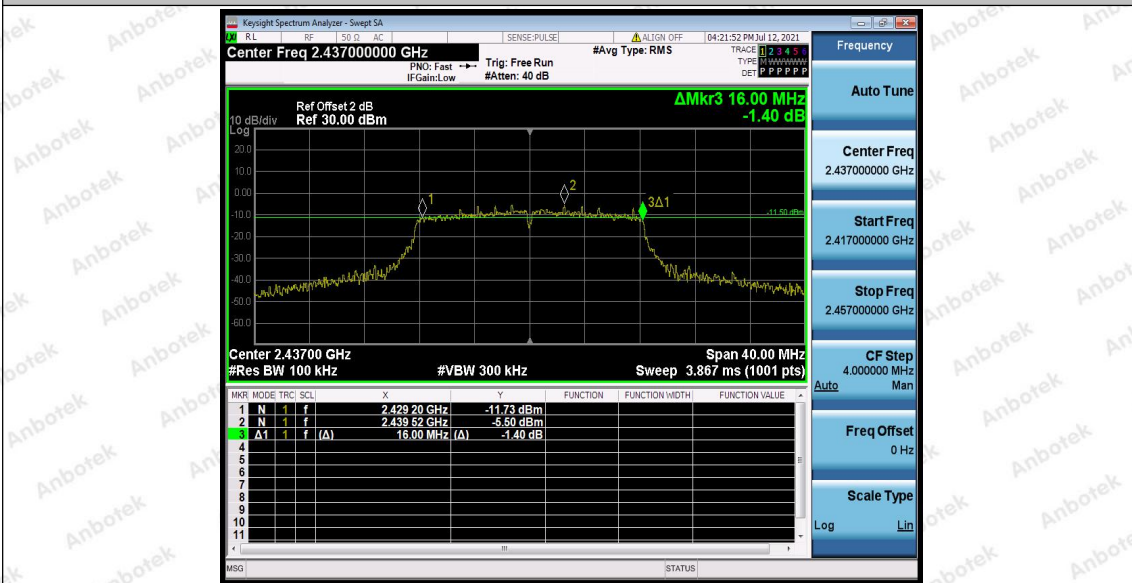
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11G\_Ant1\_2412



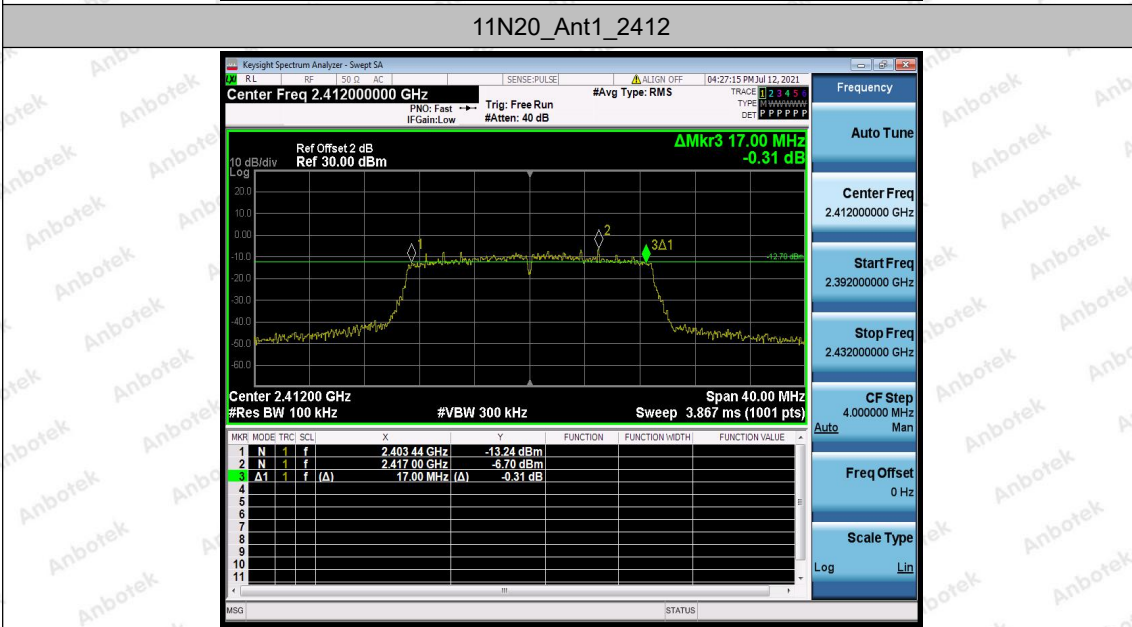
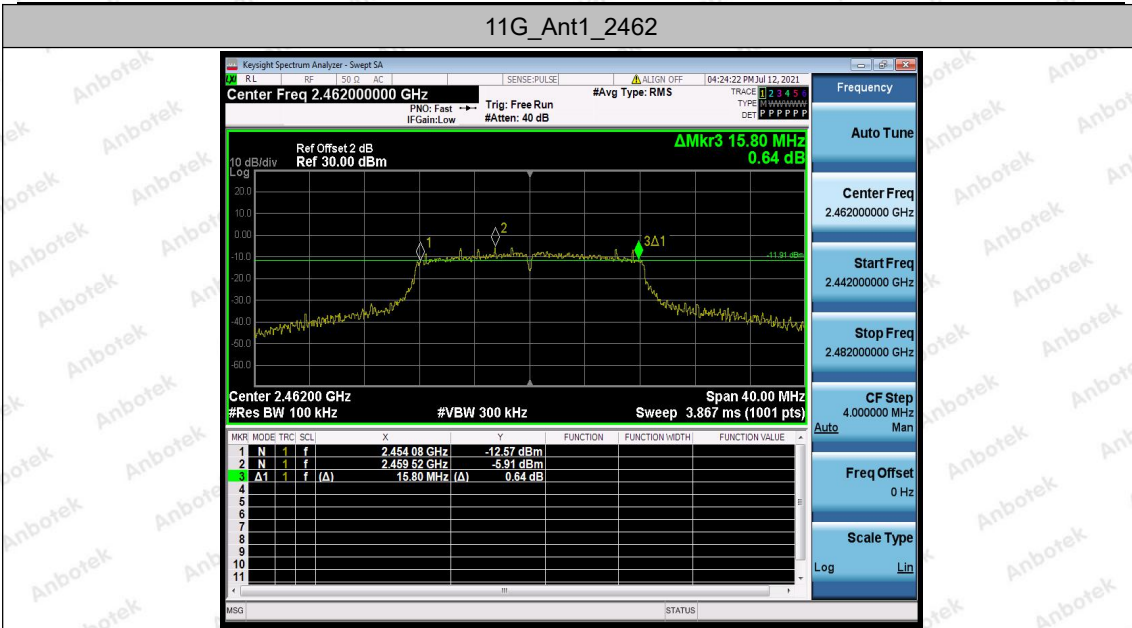
11G\_Ant1\_2437



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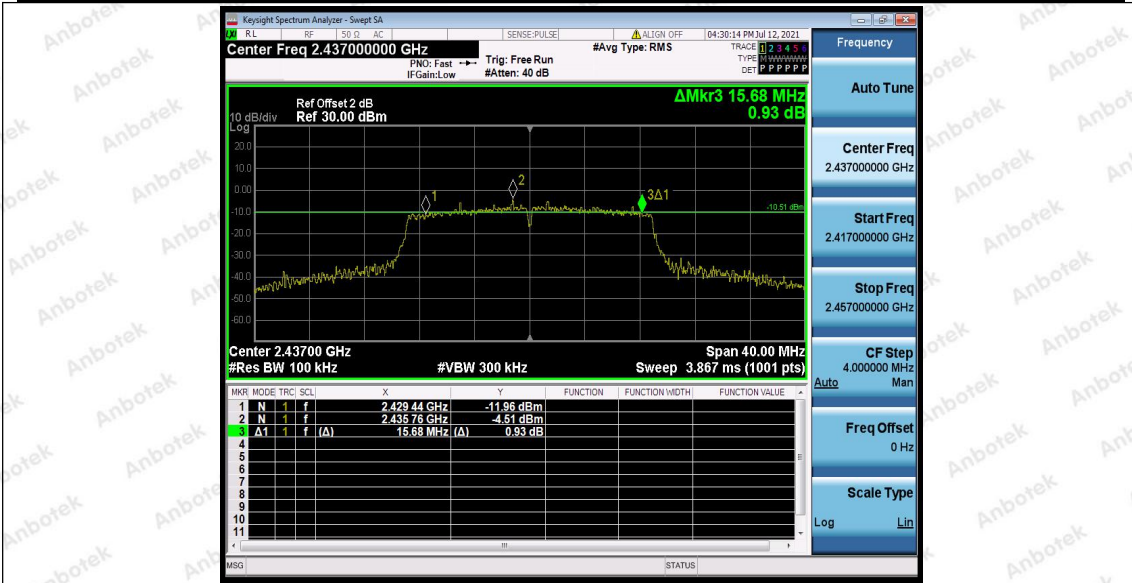
**11N20\_Ant1\_2437**

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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	12.587	2405.791	2418.378	---	PASS
		2437	12.467	2430.849	2443.316	---	PASS
		2462	12.438	2455.859	2468.297	---	PASS
11G	Ant1	2412	16.814	2403.688	2420.502	---	PASS
		2437	16.891	2428.623	2445.514	---	PASS
		2462	17.111	2453.526	2470.637	---	PASS
11N20	Ant1	2412	17.775	2403.166	2420.941	---	PASS
		2437	17.854	2428.126	2445.980	---	PASS
		2462	18.034	2453.075	2471.109	---	PASS

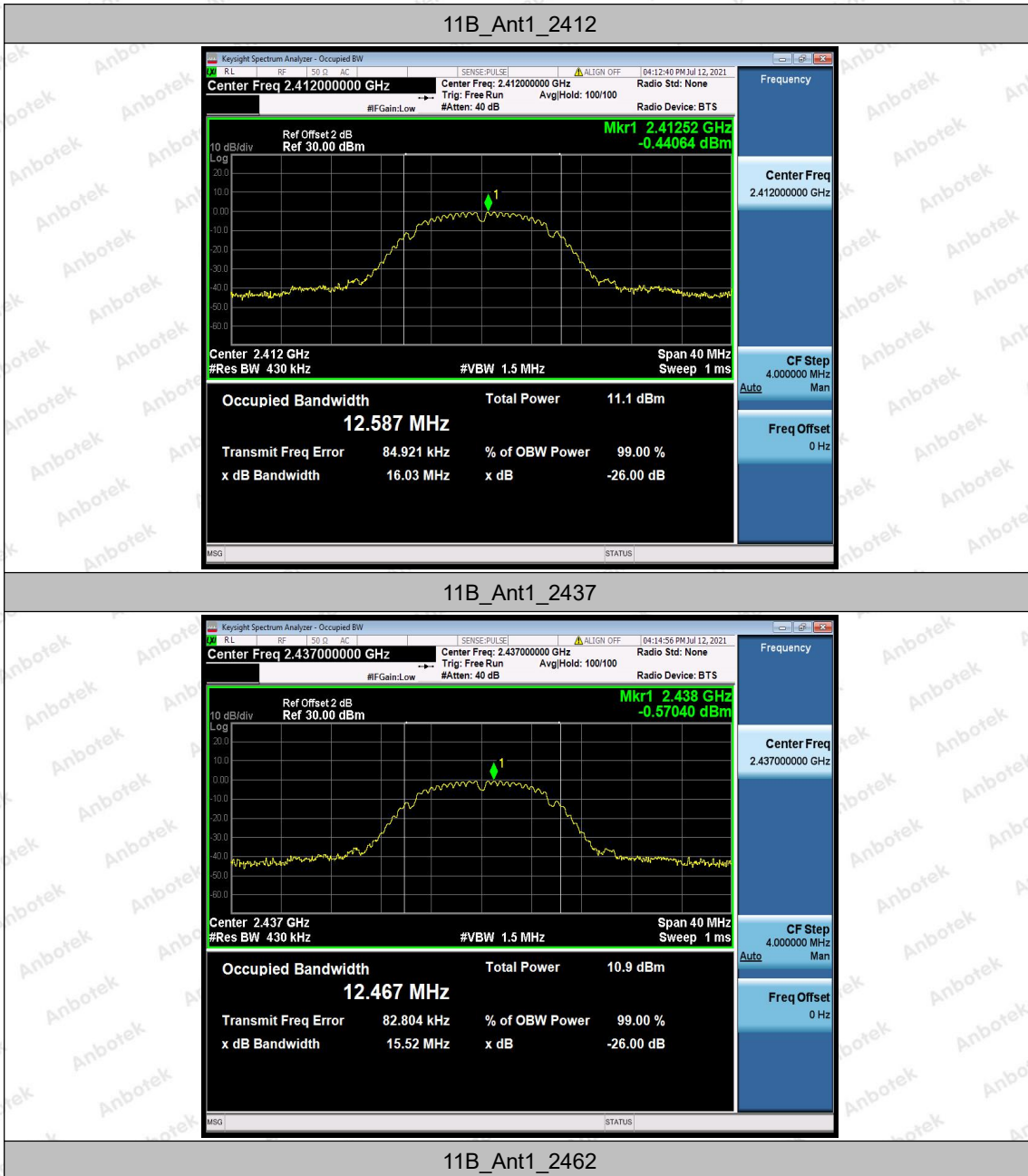
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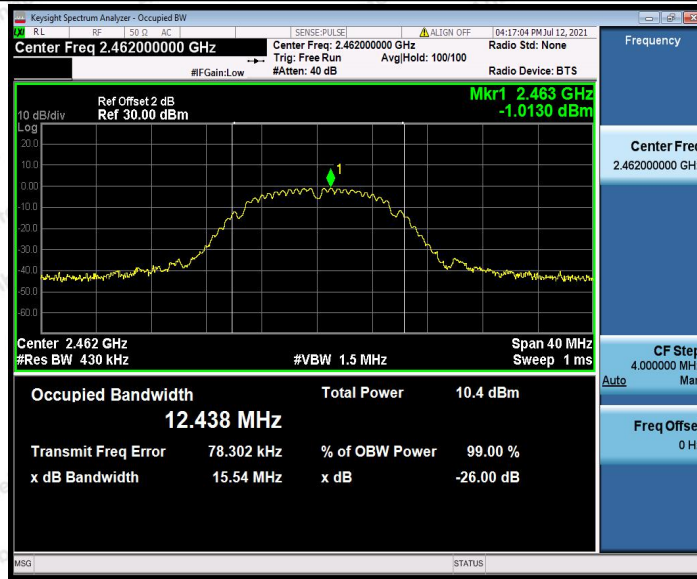
## Test Graphs



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11G\_Ant1\_2412



11G\_Ant1\_2437

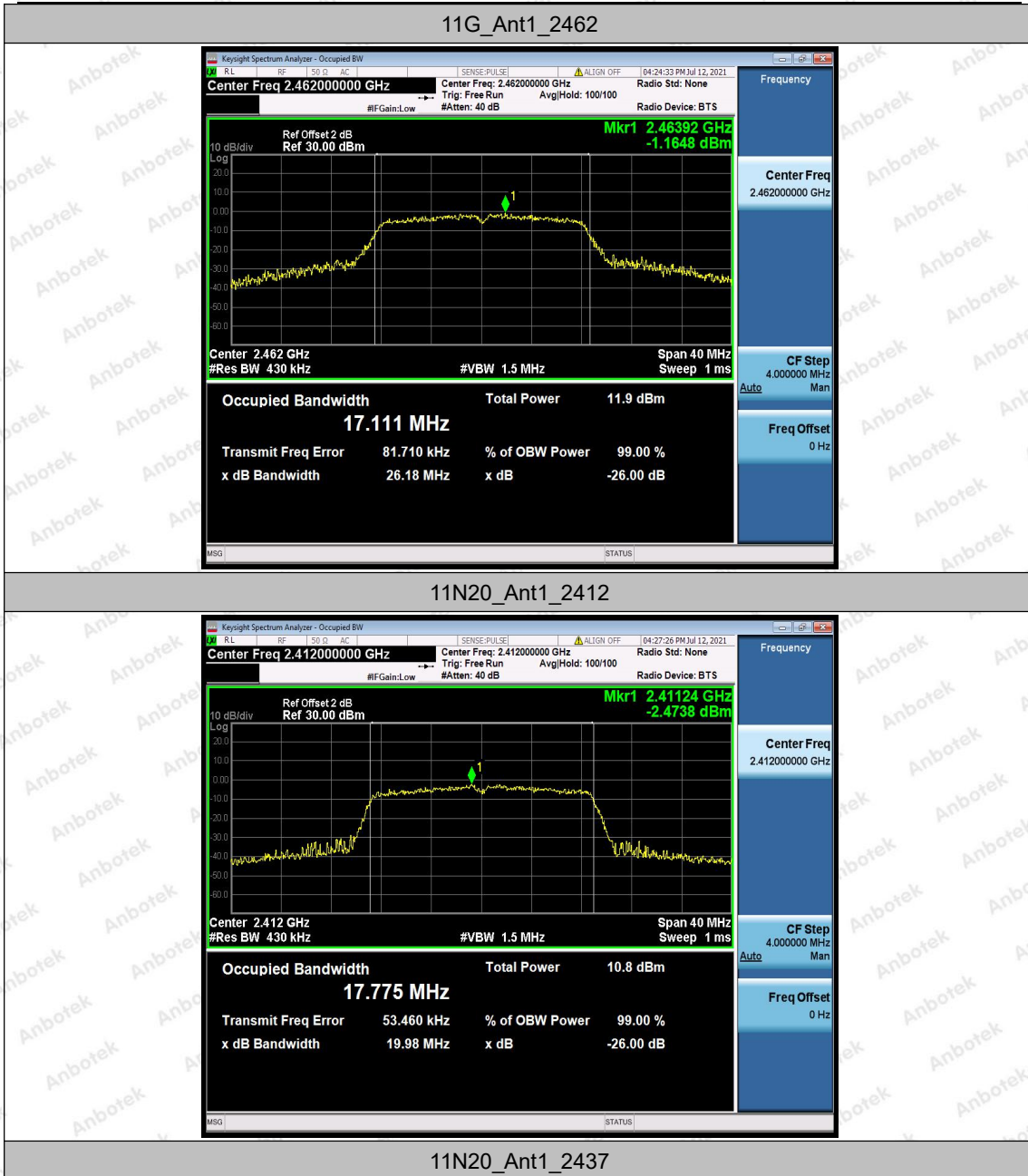


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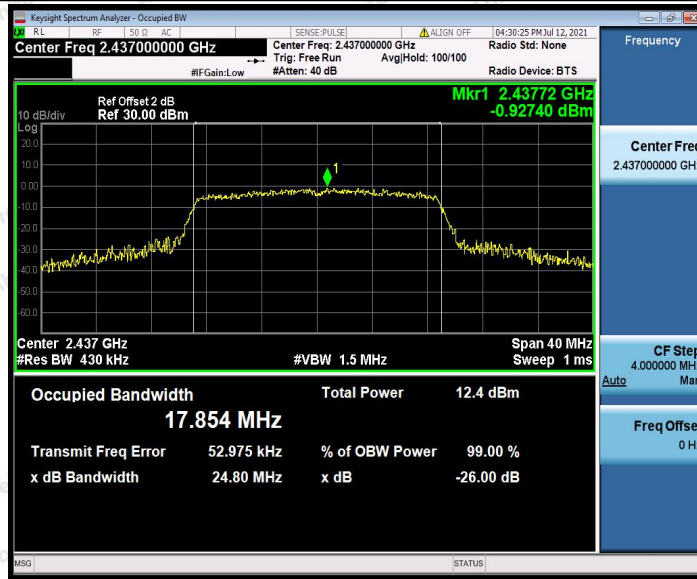




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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	10.81	<=30	PASS
		2437	10.52	<=30	PASS
		2462	10.06	<=30	PASS
11G	Ant1	2412	11.10	<=30	PASS
		2437	12.65	<=30	PASS
		2462	12.93	<=30	PASS
11N20	Ant1	2412	11.71	<=30	PASS
		2437	13.33	<=30	PASS
		2462	12.82	<=30	PASS

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## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result [dBm/10kHz]	Result[dBm/3kHz]	Limit[dBm/ 3kHz]	Verdict
11B	Ant1	2412	-2.94	-8.169	<=8	PASS
		2437	-5.42	-10.649	<=8	PASS
		2462	-7.69	-12.919	<=8	PASS
11G	Ant1	2412	-13.44	-18.669	<=8	PASS
		2437	-12.49	-17.719	<=8	PASS
		2462	-11.65	-16.879	<=8	PASS
11N20	Ant1	2412	-13.84	-19.069	<=8	PASS
		2437	-12.96	-18.189	<=8	PASS
		2462	-9.40	-14.629	<=8	PASS

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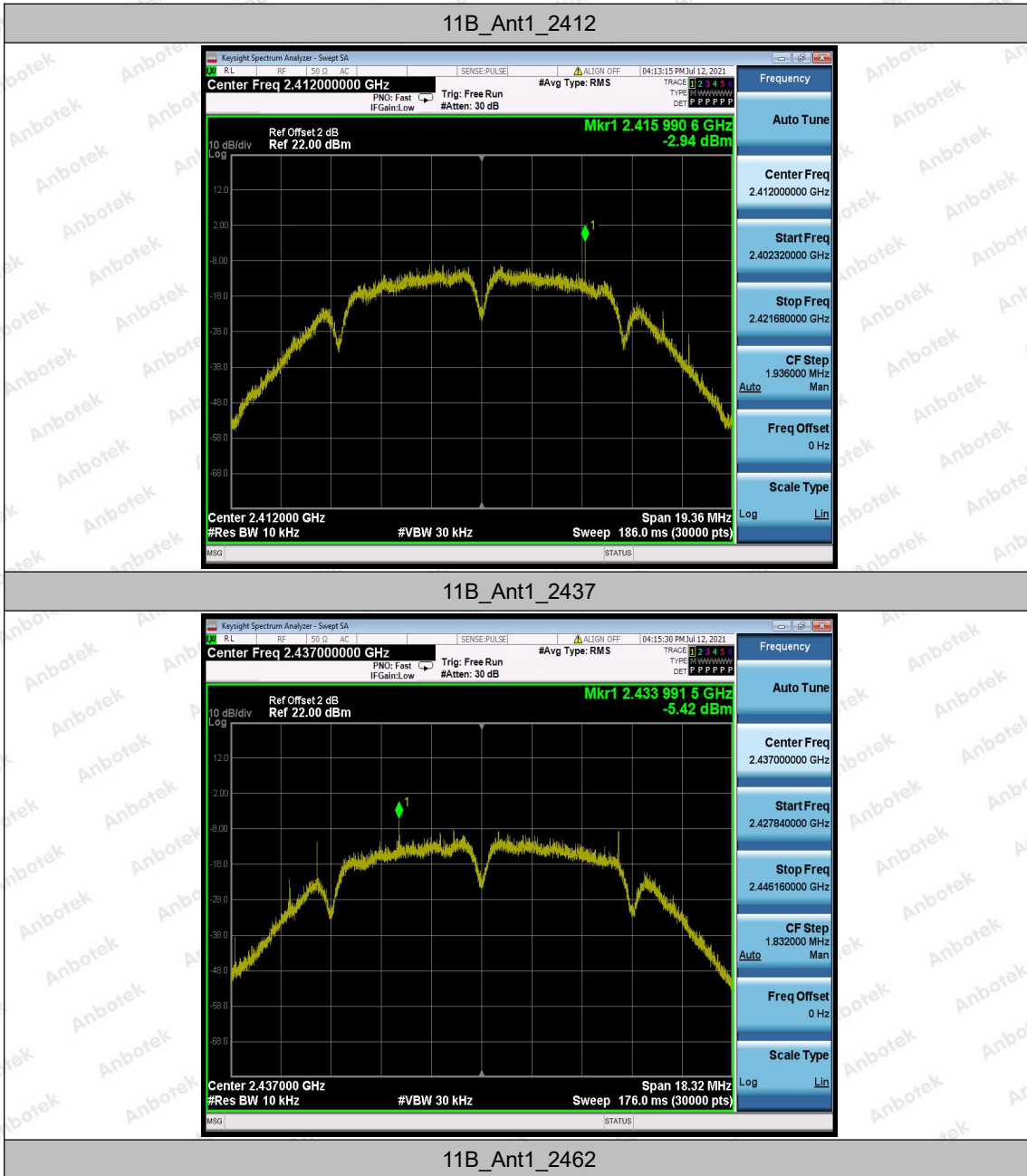


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## Test Graphs



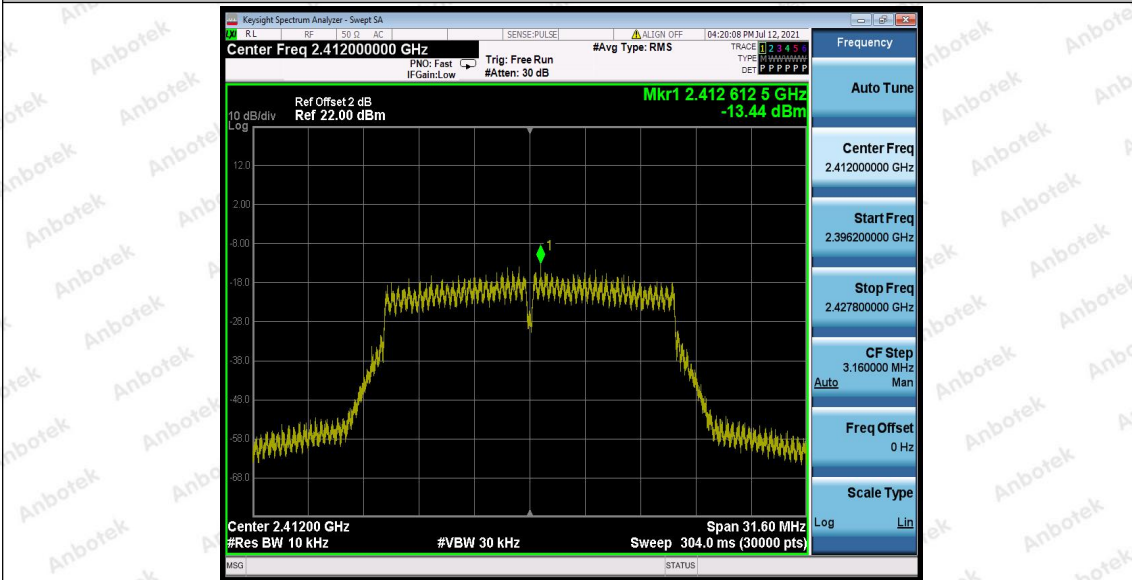
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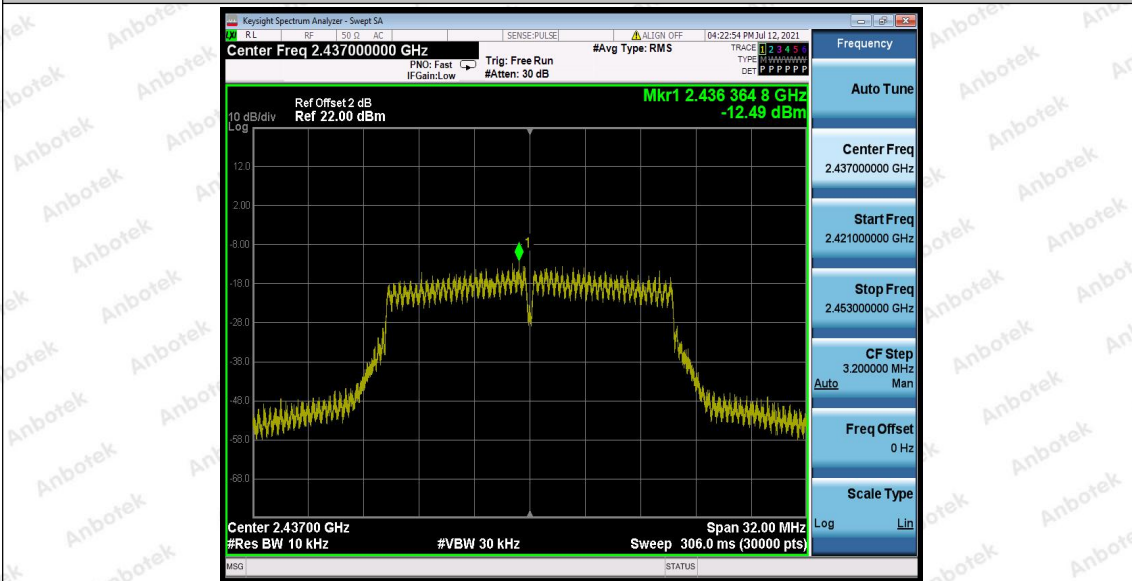
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11G\_Ant1\_2412



11G\_Ant1\_2437

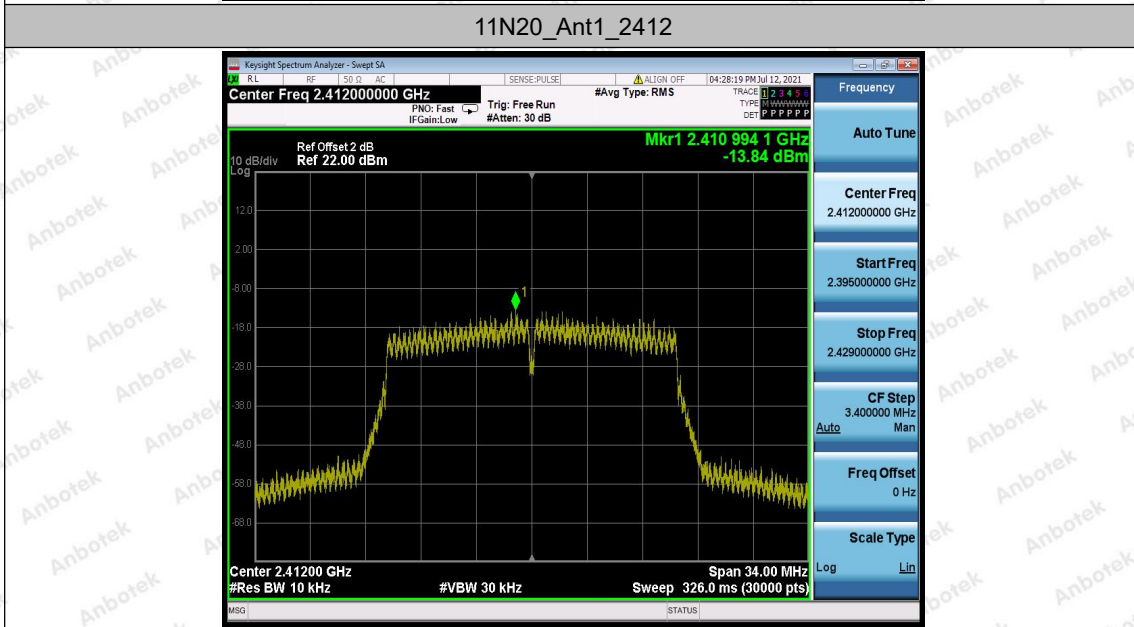
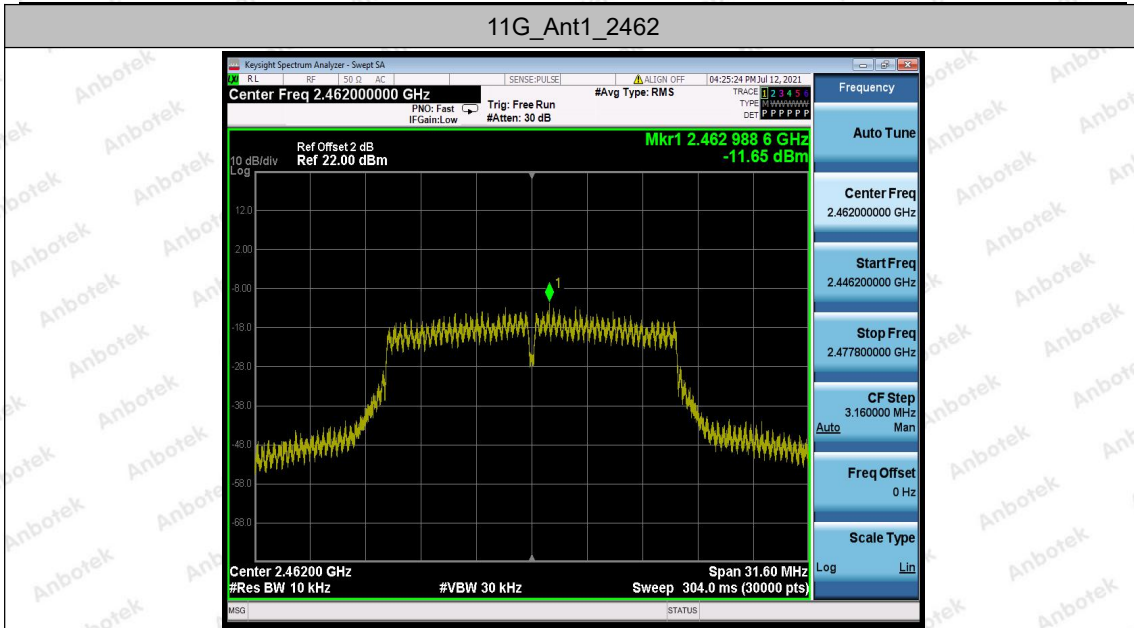


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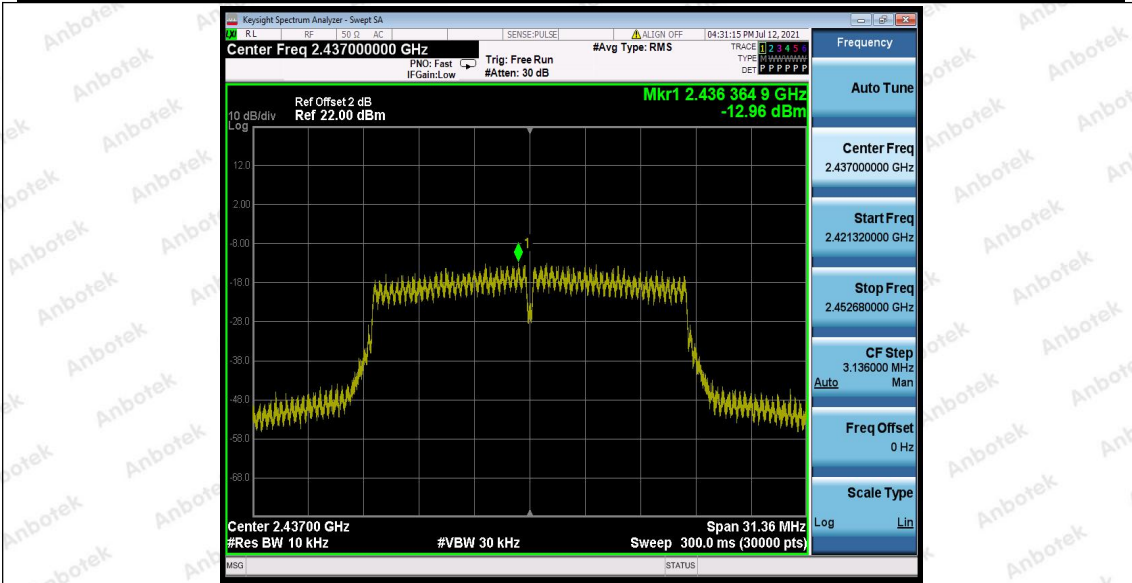


**11N20\_Ant1\_2437**

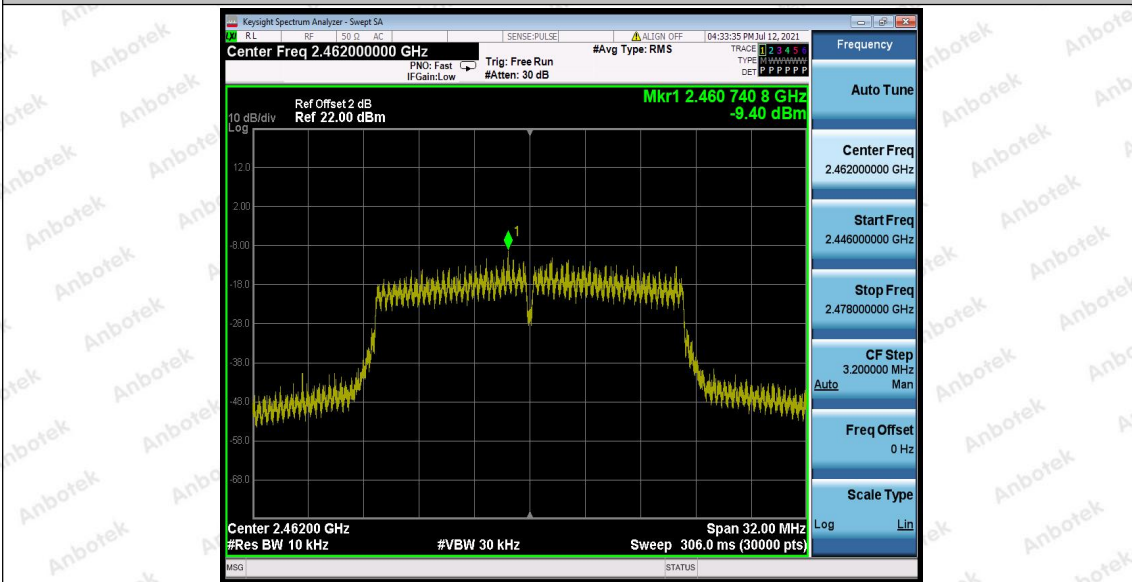
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11N20\_Ant1\_2462



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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	-0.28	-43.36	<=-20.28	PASS
		High	2462	-1.07	-55.24	<=-21.07	PASS
11G	Ant1	Low	2412	-5.62	-40.75	<=-25.62	PASS
		High	2462	-3.90	-42.59	<=-23.9	PASS
11N20	Ant1	Low	2412	-5.08	-41.28	<=-25.08	PASS
		High	2462	-4.27	-41.65	<=-24.27	PASS

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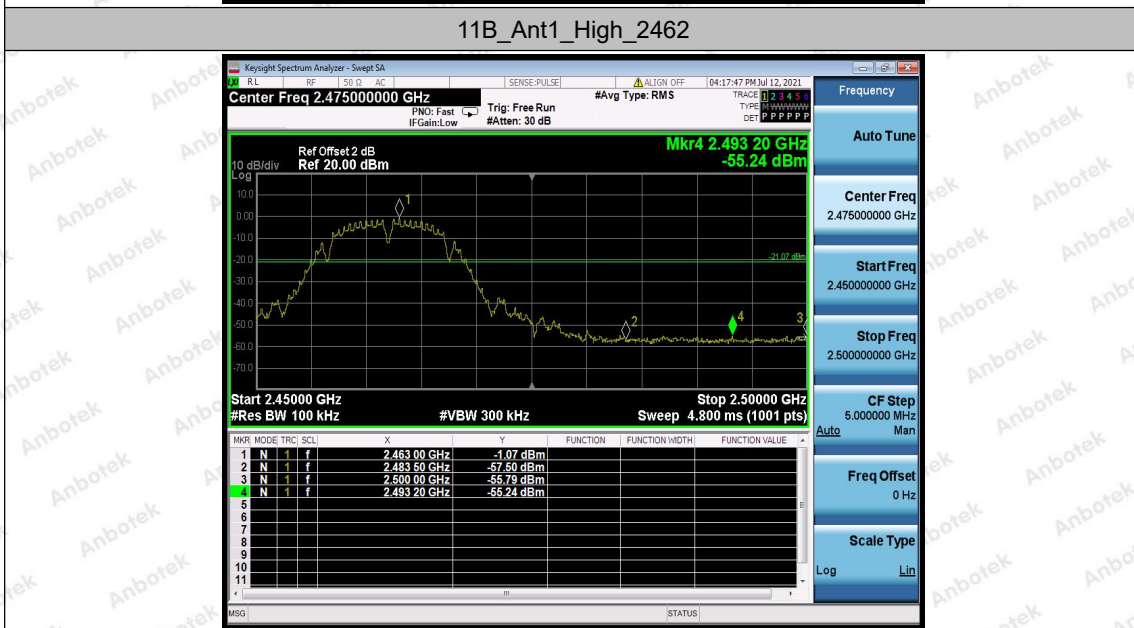
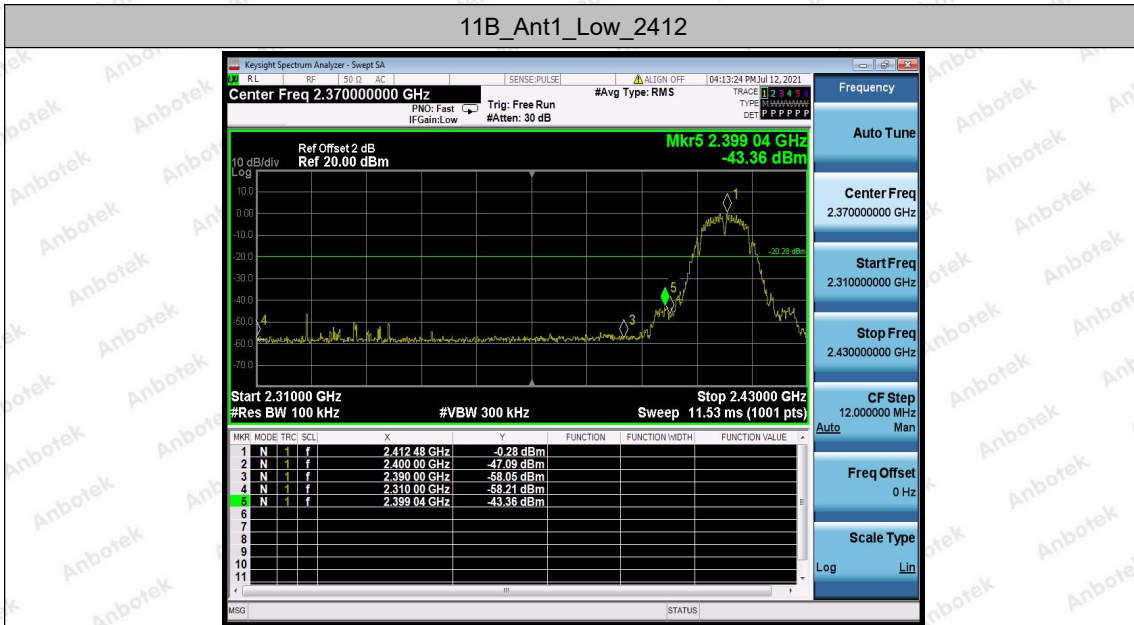


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## Test Graphs



**11G\_Ant1\_Low\_2412**



11G\_Ant1\_High\_2462



11N20\_Ant1\_Low\_2412

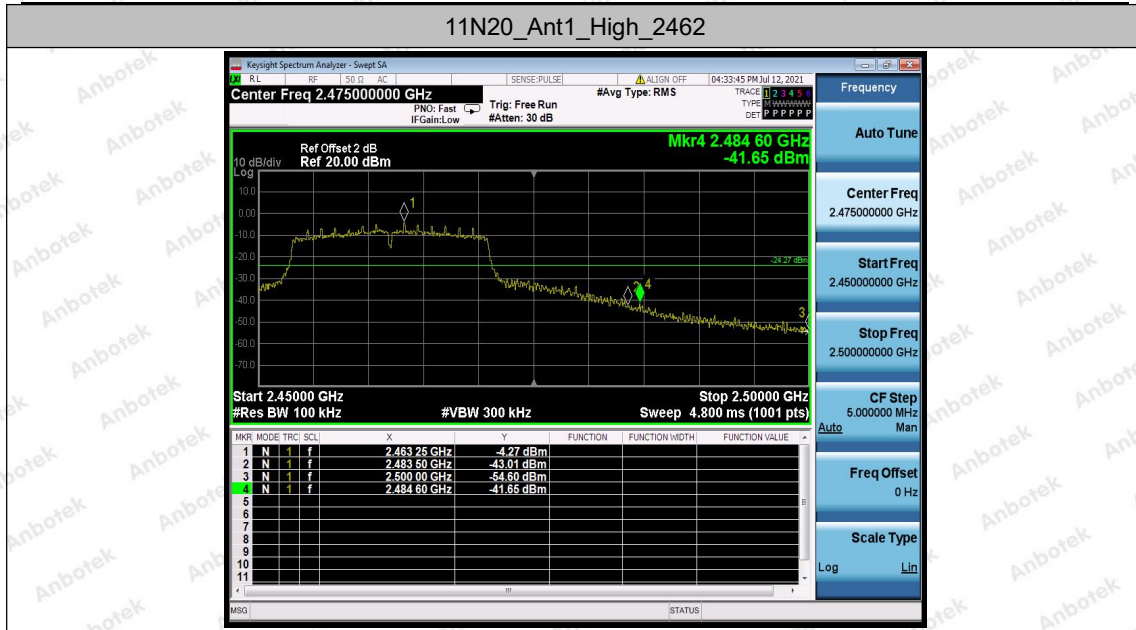


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