

## Appendix Test Data

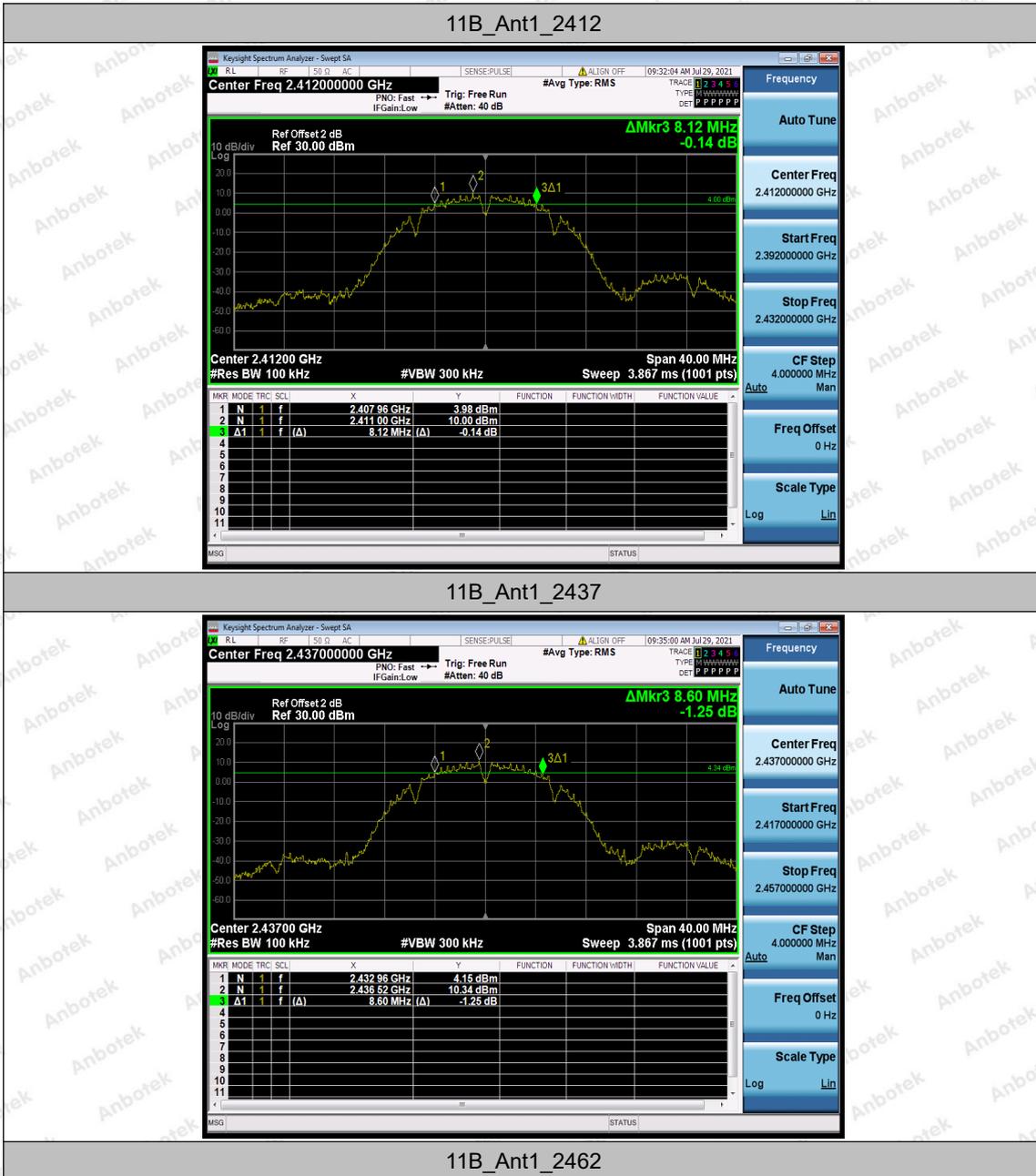
Report No.:	18220WC10144402	Test Date:	2021.7.29
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56.8%
Pressure:	1012 hPa		

## Appendix A: DTS Bandwidth

## Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.120	2407.960	2416.080	>=0.5	PASS
		2437	8.600	2432.960	2441.560	>=0.5	PASS
		2462	8.120	2457.960	2466.080	>=0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	>=0.5	PASS
		2437	16.440	2428.800	2445.240	>=0.5	PASS
		2462	16.480	2453.760	2470.240	>=0.5	PASS
11N20	Ant1	2412	17.640	2403.200	2420.840	>=0.5	PASS
		2437	17.640	2428.200	2445.840	>=0.5	PASS
		2462	17.640	2453.200	2470.840	>=0.5	PASS

## Test Graphs





11G\_Ant1\_2412



11G\_Ant1\_2437

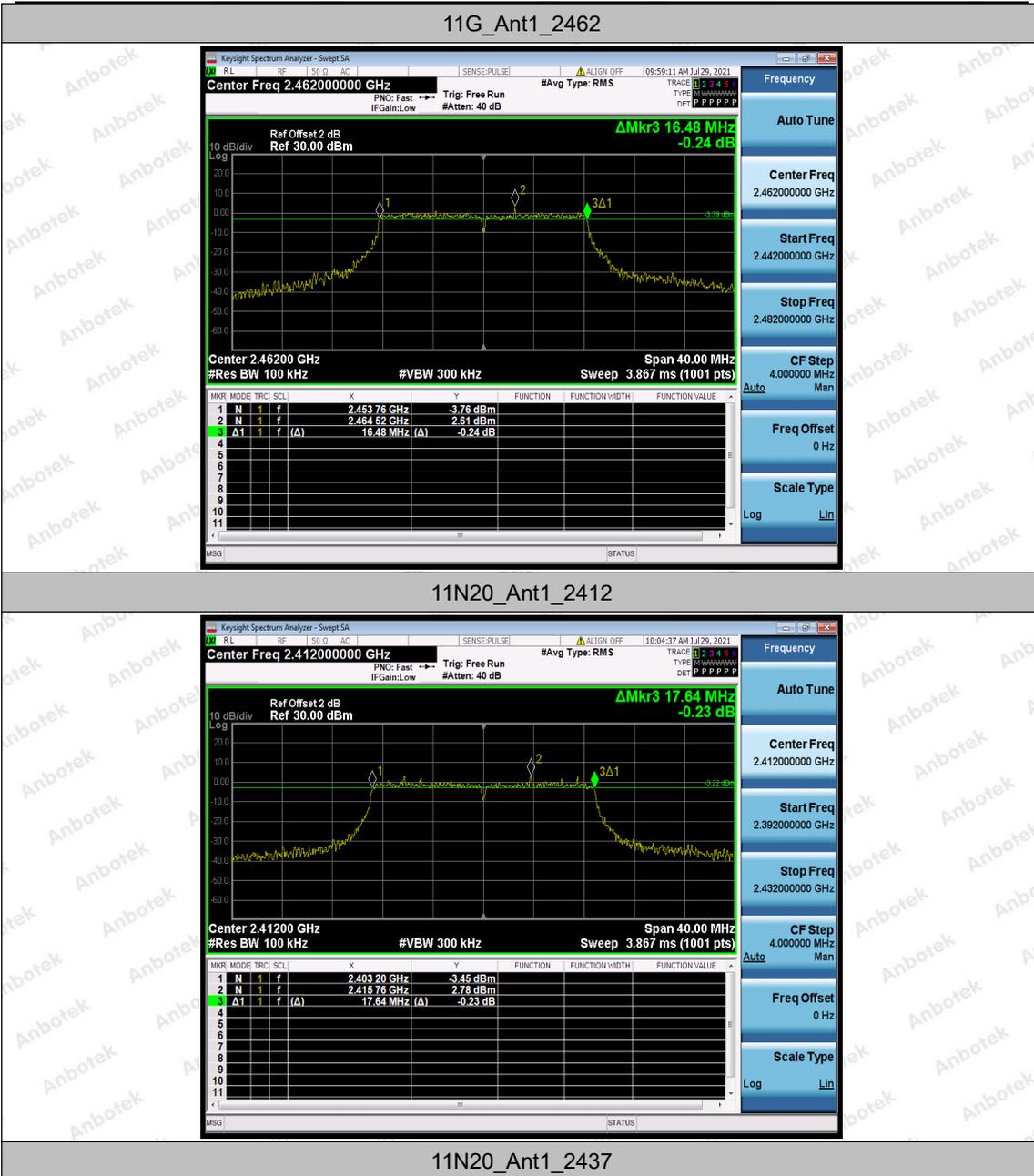


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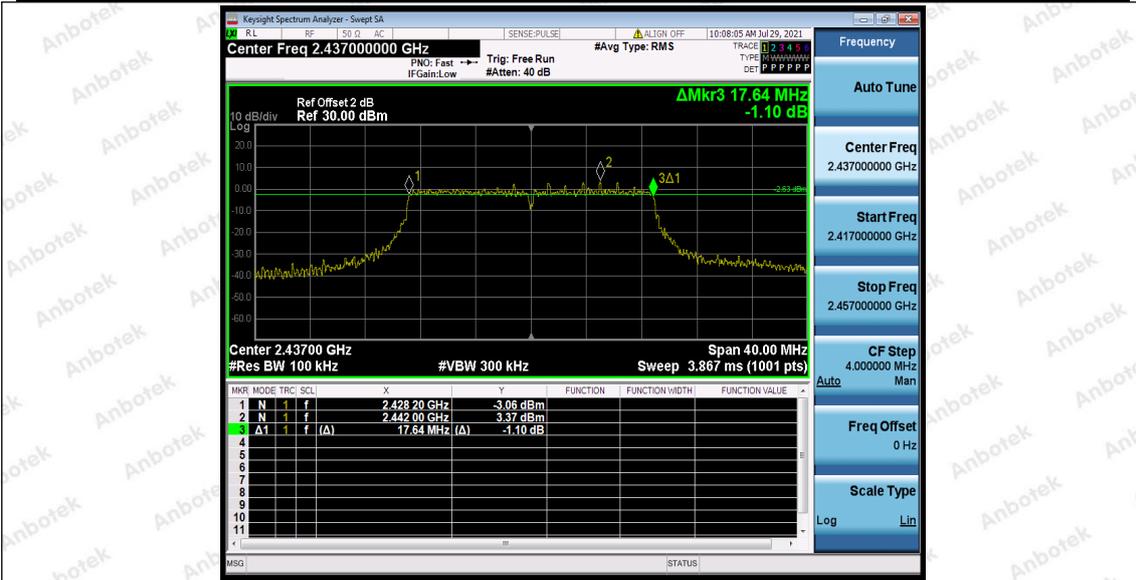


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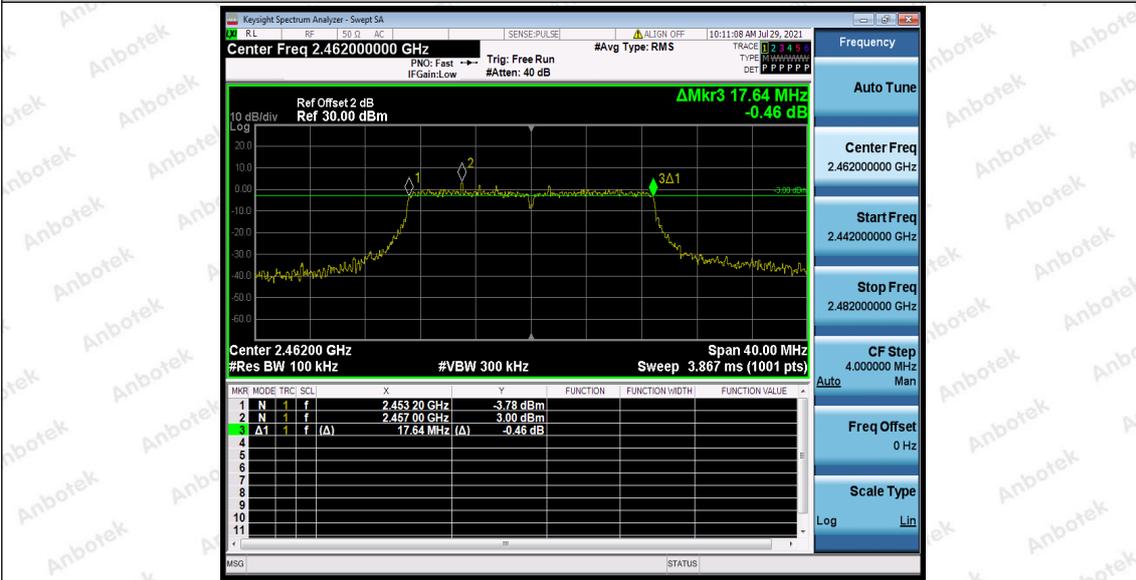
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11N20\_Ant1\_2462



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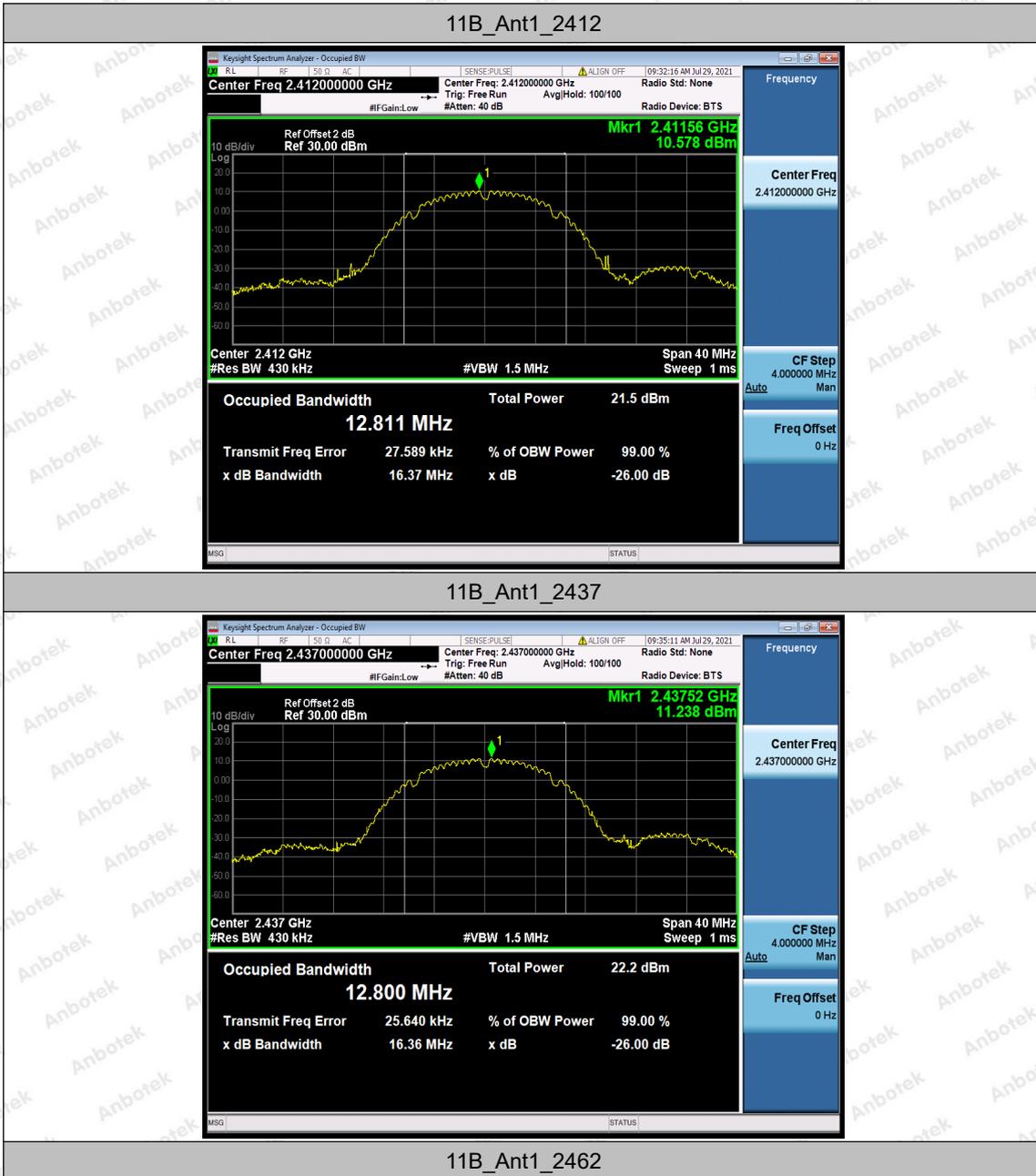
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## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.811	2405.622	2418.433	---	PASS
		2437	12.800	2430.626	2443.426	---	PASS
		2462	12.801	2455.622	2468.423	---	PASS
11G	Ant1	2412	17.136	2403.475	2420.611	---	PASS
		2437	17.085	2428.500	2445.585	---	PASS
		2462	17.147	2453.454	2470.601	---	PASS
11N20	Ant1	2412	18.079	2402.987	2421.066	---	PASS
		2437	18.154	2427.958	2446.112	---	PASS
		2462	18.077	2452.969	2471.046	---	PASS

## Test Graphs

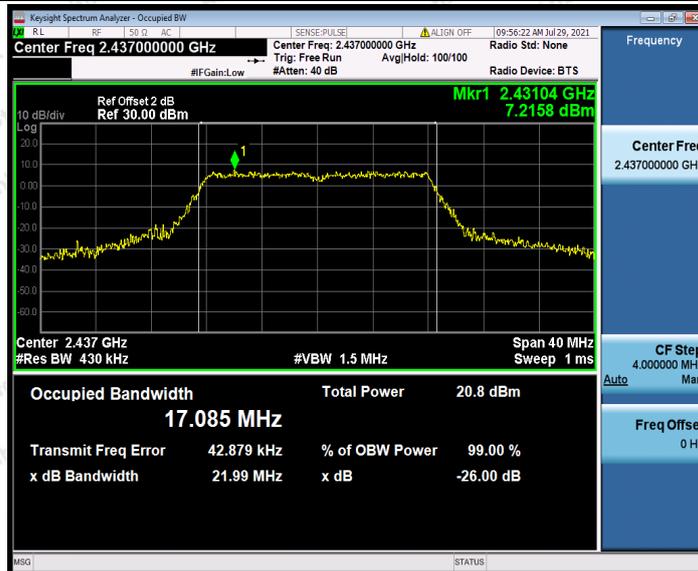




11G\_Ant1\_2412



11G\_Ant1\_2437

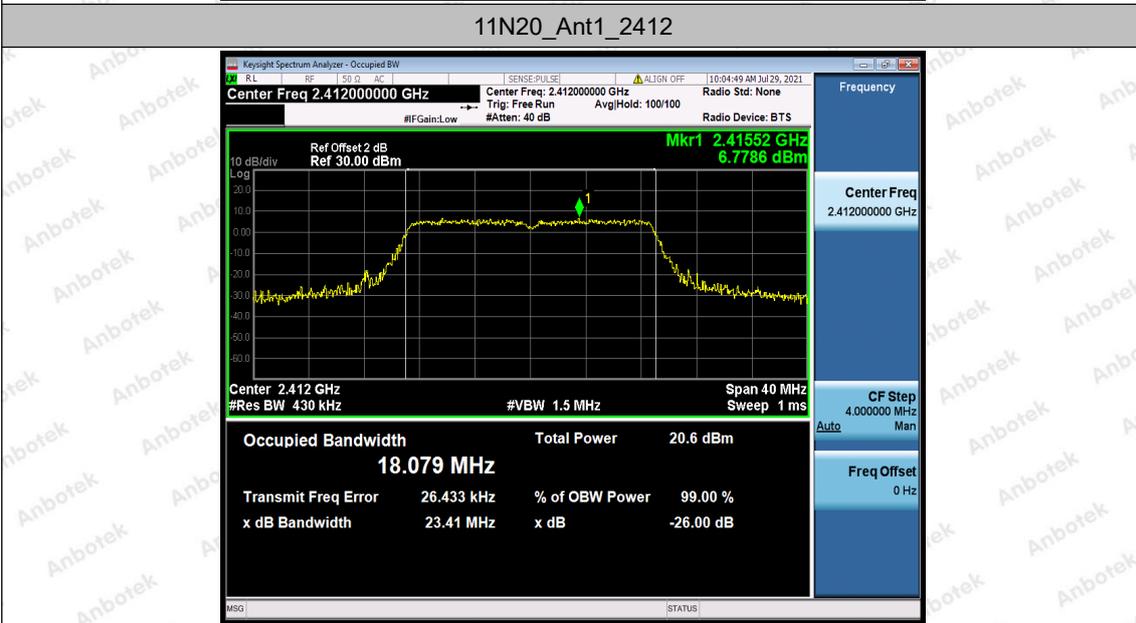
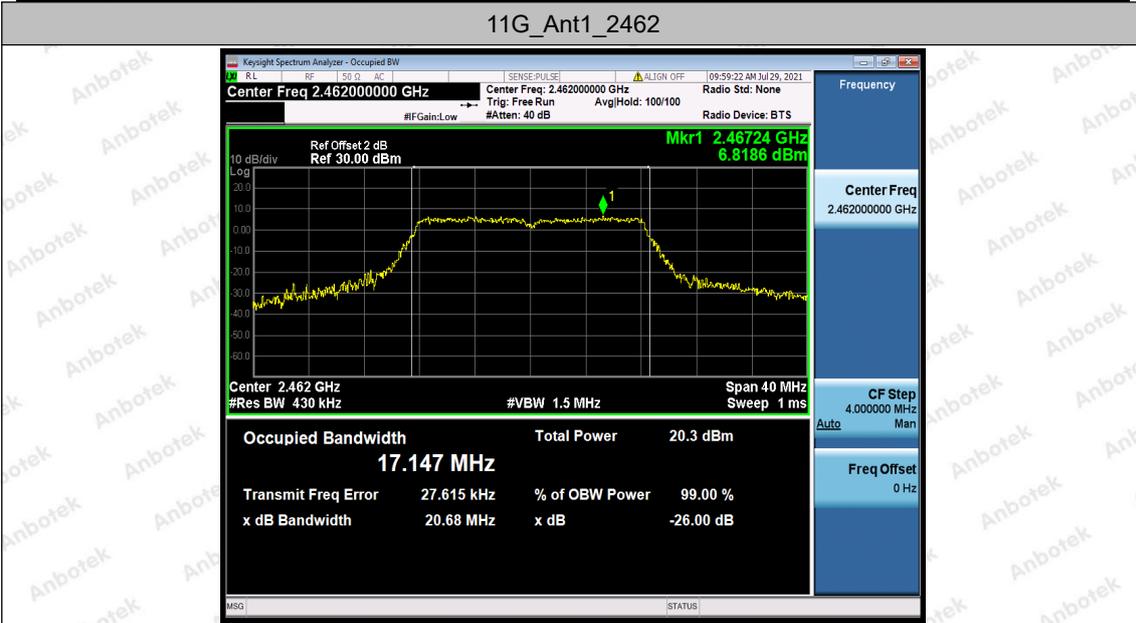


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**11N20\_Ant1\_2437**

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## Appendix C: Maximum conducted output power

### Test Result

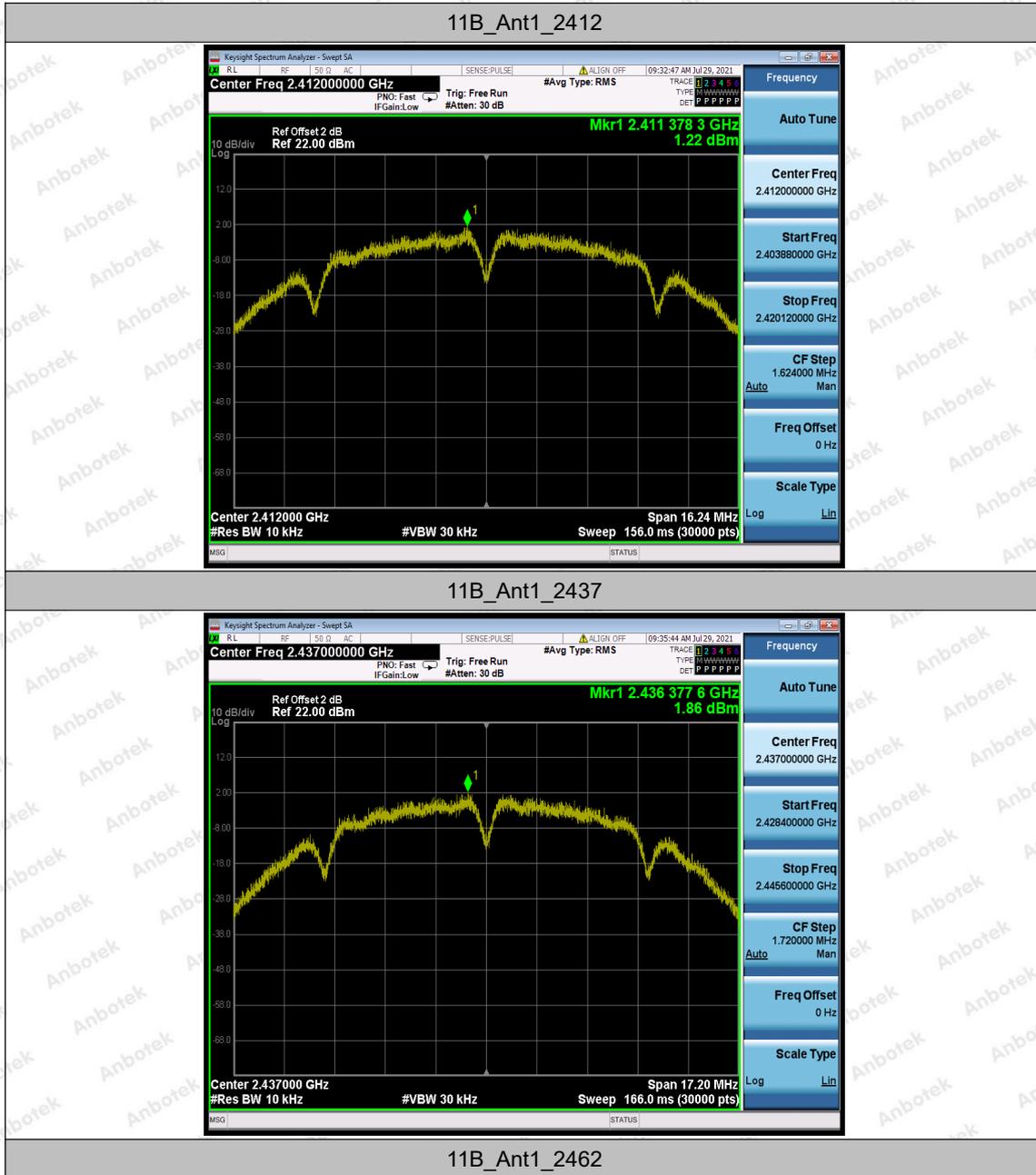
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	21.58	<=30	PASS
		2437	22.27	<=30	PASS
		2462	21.85	<=30	PASS
11G	Ant1	2412	21.90	<=30	PASS
		2437	21.91	<=30	PASS
		2462	21.57	<=30	PASS
11N20	Ant1	2412	21.84	<=30	PASS
		2437	21.88	<=30	PASS
		2462	21.45	<=30	PASS

## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1.22	-4.01	<=8	PASS
		2437	1.86	-3.37	<=8	PASS
		2462	1.29	-3.94	<=8	PASS
11G	Ant1	2412	-5.11	-10.34	<=8	PASS
		2437	-5.01	-10.24	<=8	PASS
		2462	-5.43	-10.66	<=8	PASS
11N20	Ant1	2412	-5.83	-11.06	<=8	PASS
		2437	-5.68	-10.91	<=8	PASS
		2462	-6.09	-11.32	<=8	PASS

**Test Graphs**



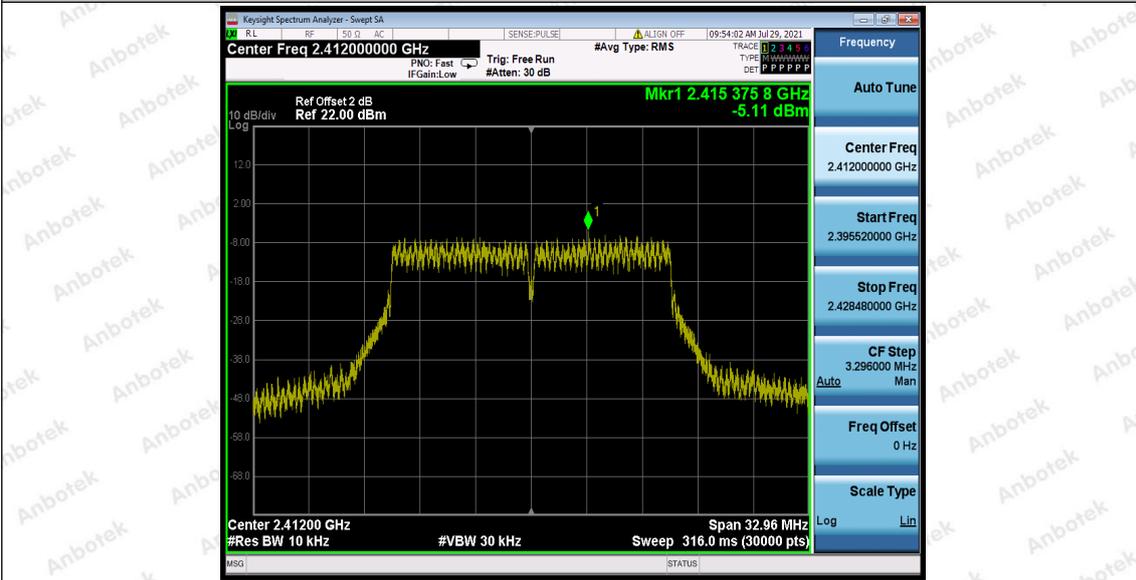
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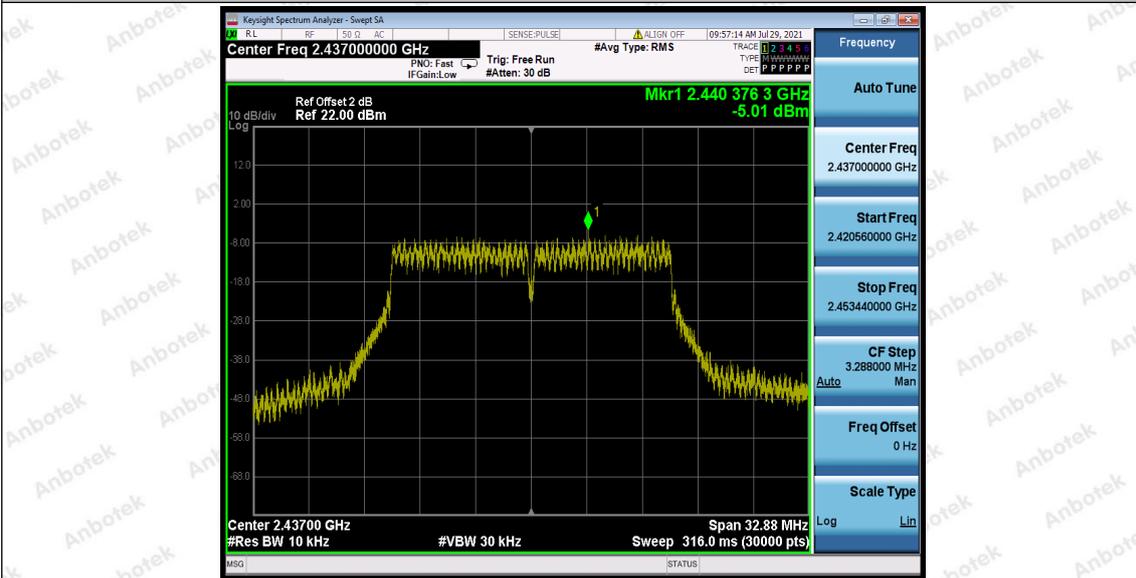
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11G\_Ant1\_2412



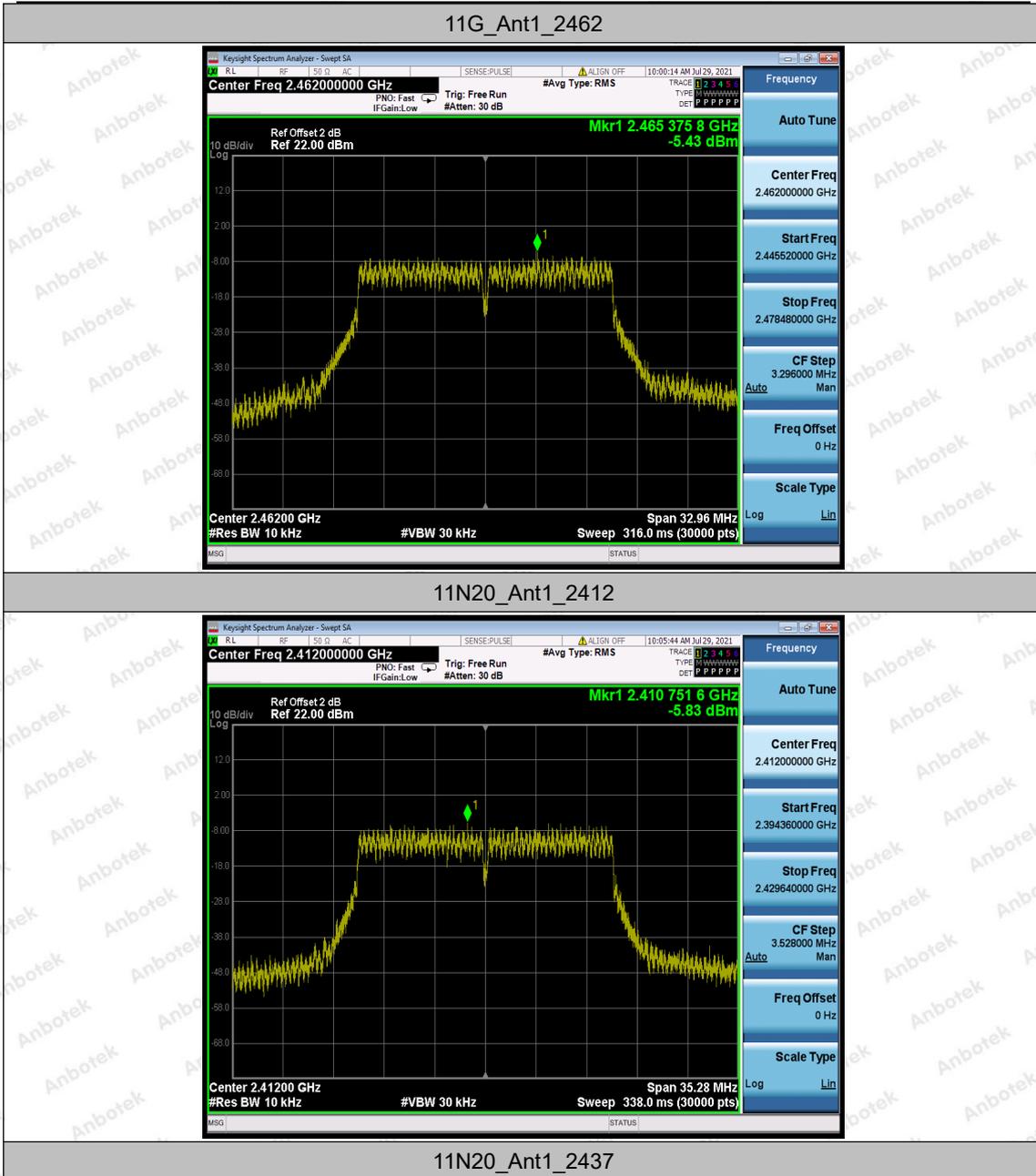
11G\_Ant1\_2437



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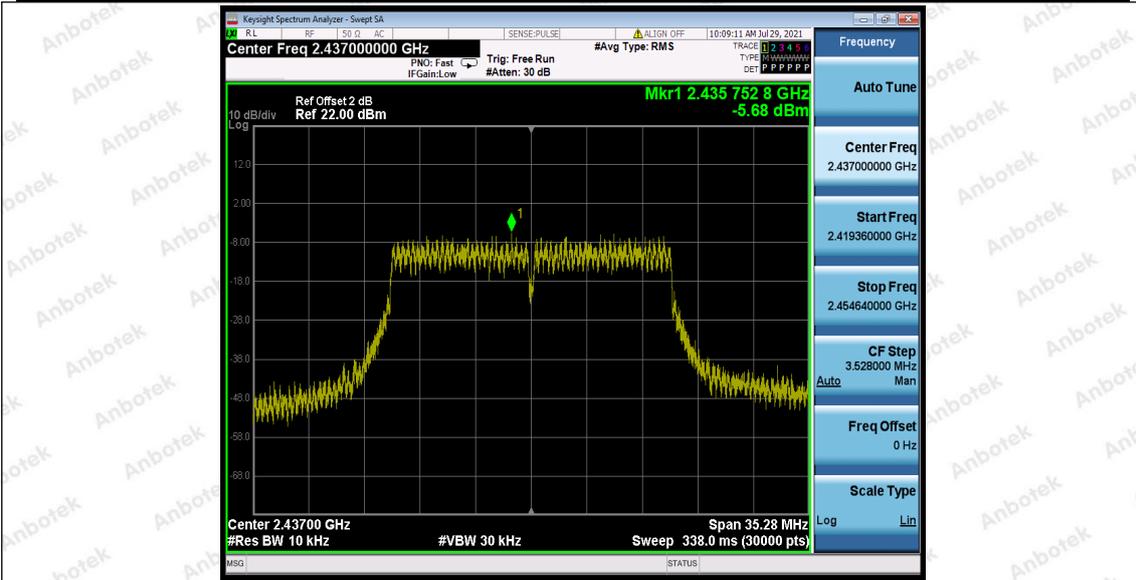


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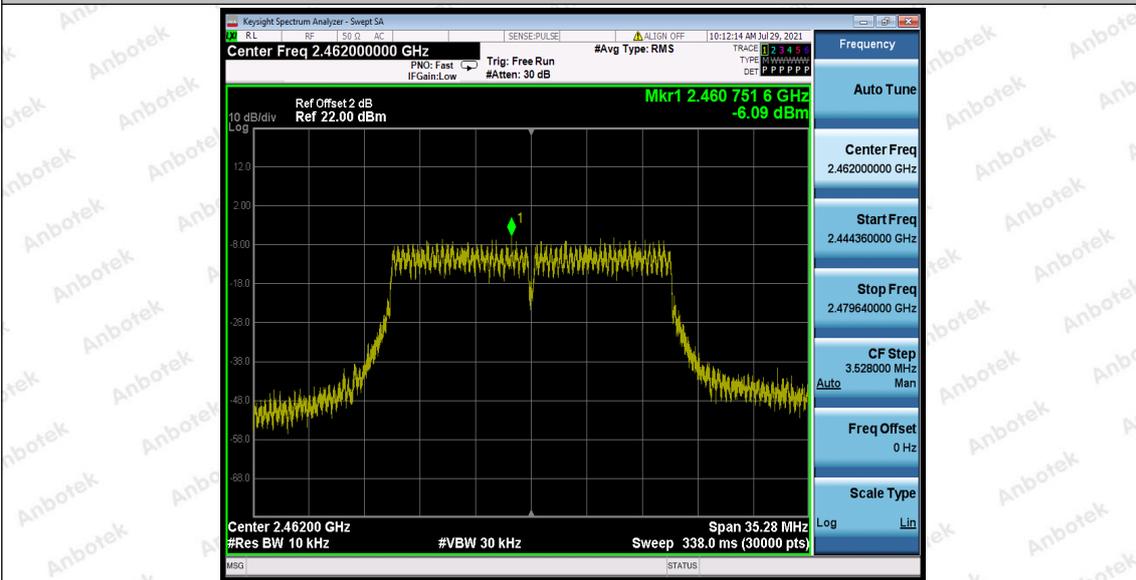
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11N20\_Ant1\_2462



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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	10.14	-38.45	<=-9.87	PASS
		High	2462	10.45	-38.73	<=-9.55	PASS
11G	Ant1	Low	2412	3.38	-29.3	<=-16.62	PASS
		High	2462	3.14	-39.41	<=-16.86	PASS
11N20	Ant1	Low	2412	3.38	-30.47	<=-16.62	PASS
		High	2462	3.15	-37.89	<=-16.85	PASS

## Test Graphs

11B\_Ant1\_Low\_2412



11B\_Ant1\_High\_2462



11G\_Ant1\_Low\_2412

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11G\_Ant1\_High\_2462



11N20\_Ant1\_Low\_2412

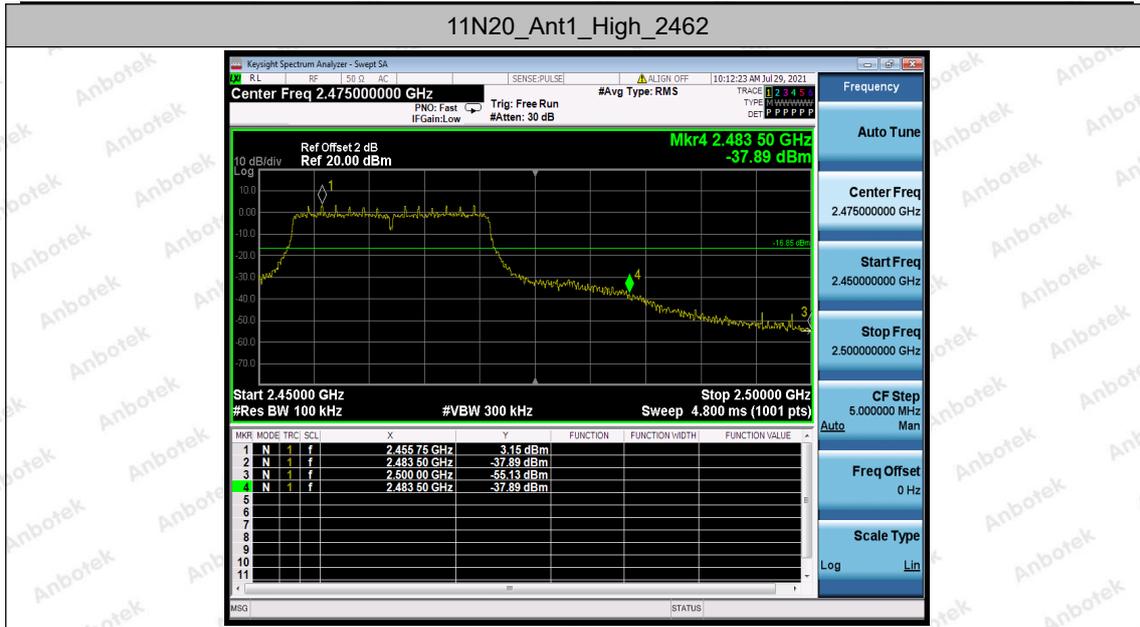


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## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	10.29	10.29	---	PASS
			30~1000	10.29	-67.62	<=-9.71	PASS
			1000~26500	10.29	-46.4	<=-9.71	PASS
		2437	Reference	10.94	10.94	---	PASS
			30~1000	10.94	-68.05	<=-9.07	PASS
			1000~26500	10.94	-44.55	<=-9.07	PASS
		2462	Reference	10.52	10.52	---	PASS
			30~1000	10.52	-68.09	<=-9.48	PASS
			1000~26500	10.52	-43.07	<=-9.48	PASS
11G	Ant1	2412	Reference	3.45	3.45	---	PASS
			30~1000	3.45	-68.17	<=-16.55	PASS
			1000~26500	3.45	-45.13	<=-16.55	PASS
		2437	Reference	3.42	3.42	---	PASS
			30~1000	3.42	-68.59	<=-16.59	PASS
			1000~26500	3.42	-45.32	<=-16.59	PASS
		2462	Reference	3.05	3.05	---	PASS
			30~1000	3.05	-67.02	<=-16.95	PASS
			1000~26500	3.05	-44.49	<=-16.95	PASS
11N20	Ant1	2412	Reference	3.23	3.23	---	PASS
			30~1000	3.23	-68.18	<=-16.77	PASS
			1000~26500	3.23	-45.98	<=-16.77	PASS
		2437	Reference	3.44	3.44	---	PASS
			30~1000	3.44	-67.87	<=-16.56	PASS
			1000~26500	3.44	-45.28	<=-16.56	PASS
		2462	Reference	3.13	3.13	---	PASS
			30~1000	3.13	-62.13	<=-16.87	PASS
			1000~26500	3.13	-44.02	<=-16.87	PASS

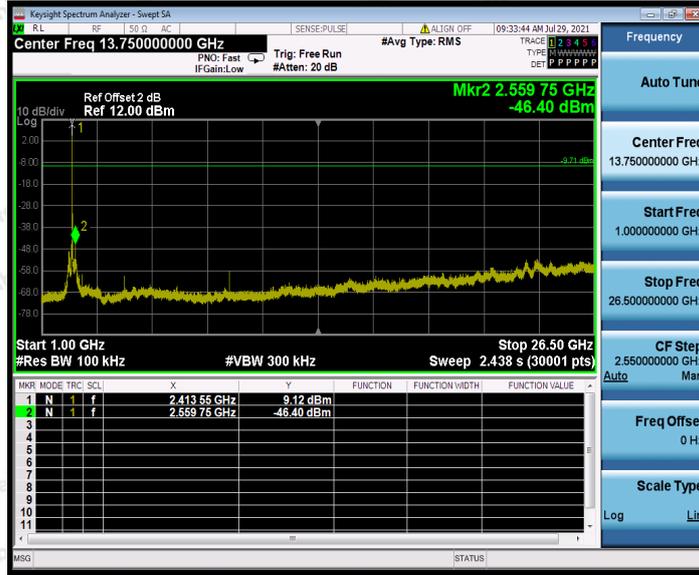
**Test Graphs**



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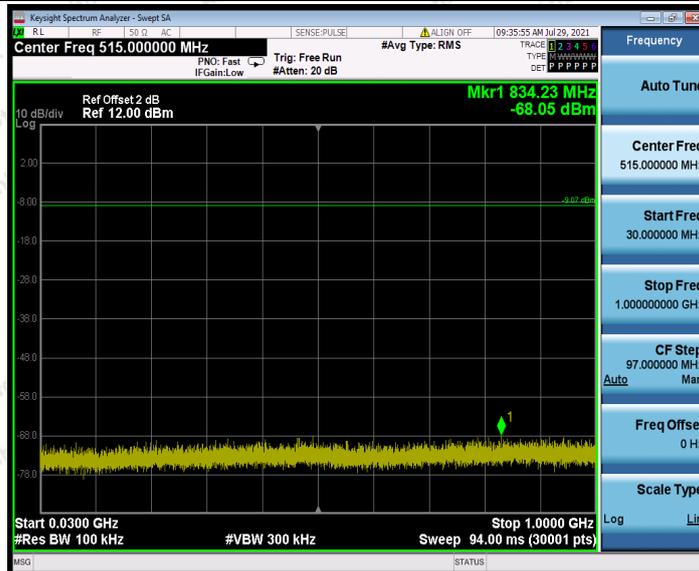
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11B\_Ant1\_2437\_0~Reference



11B\_Ant1\_2437\_30~1000



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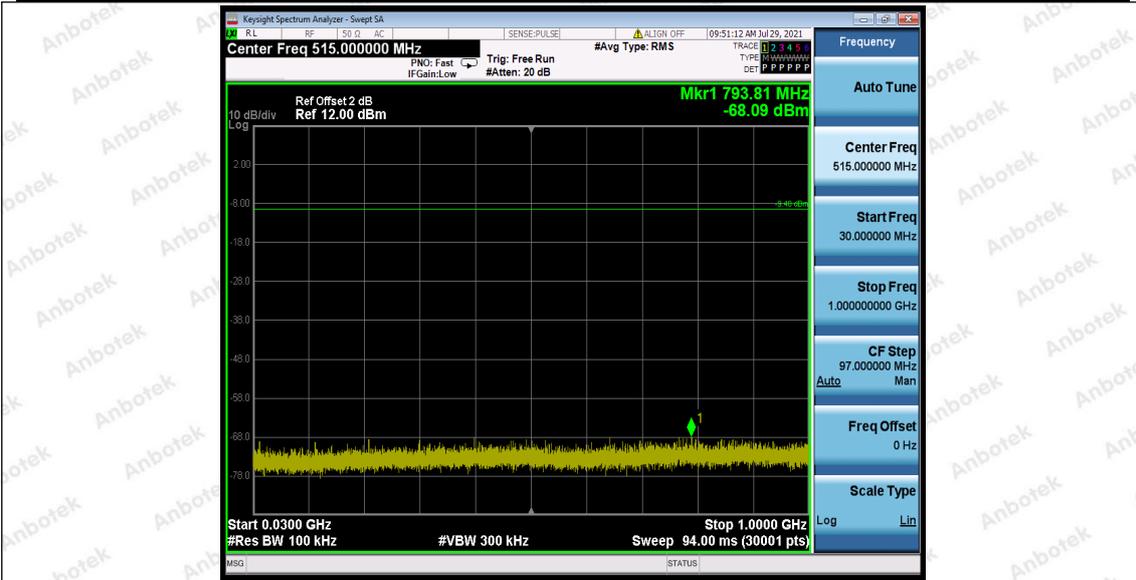
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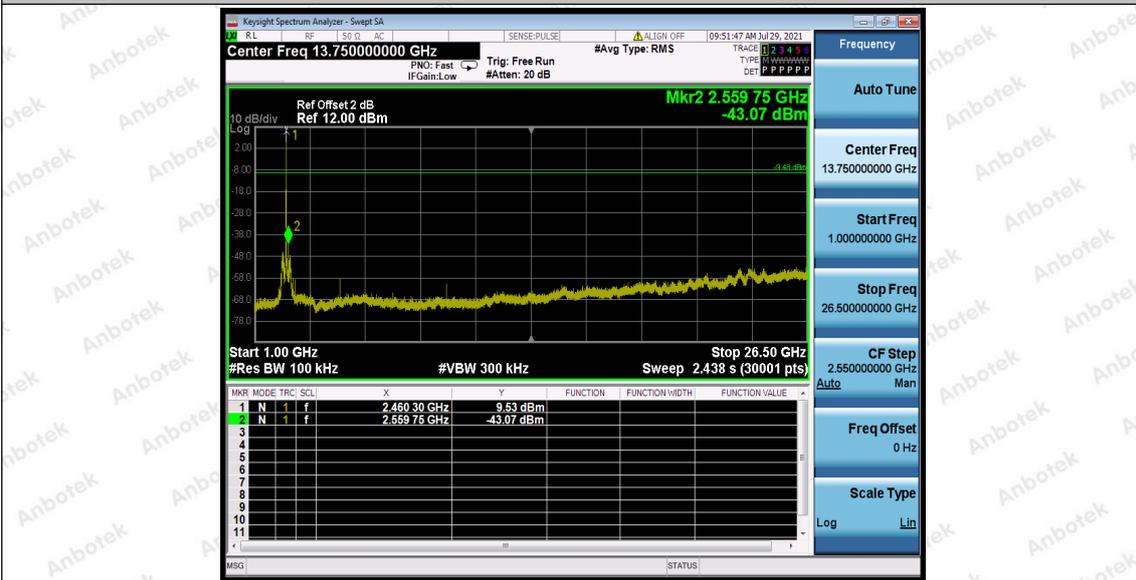
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11B\_Ant1\_2462\_1000~26500



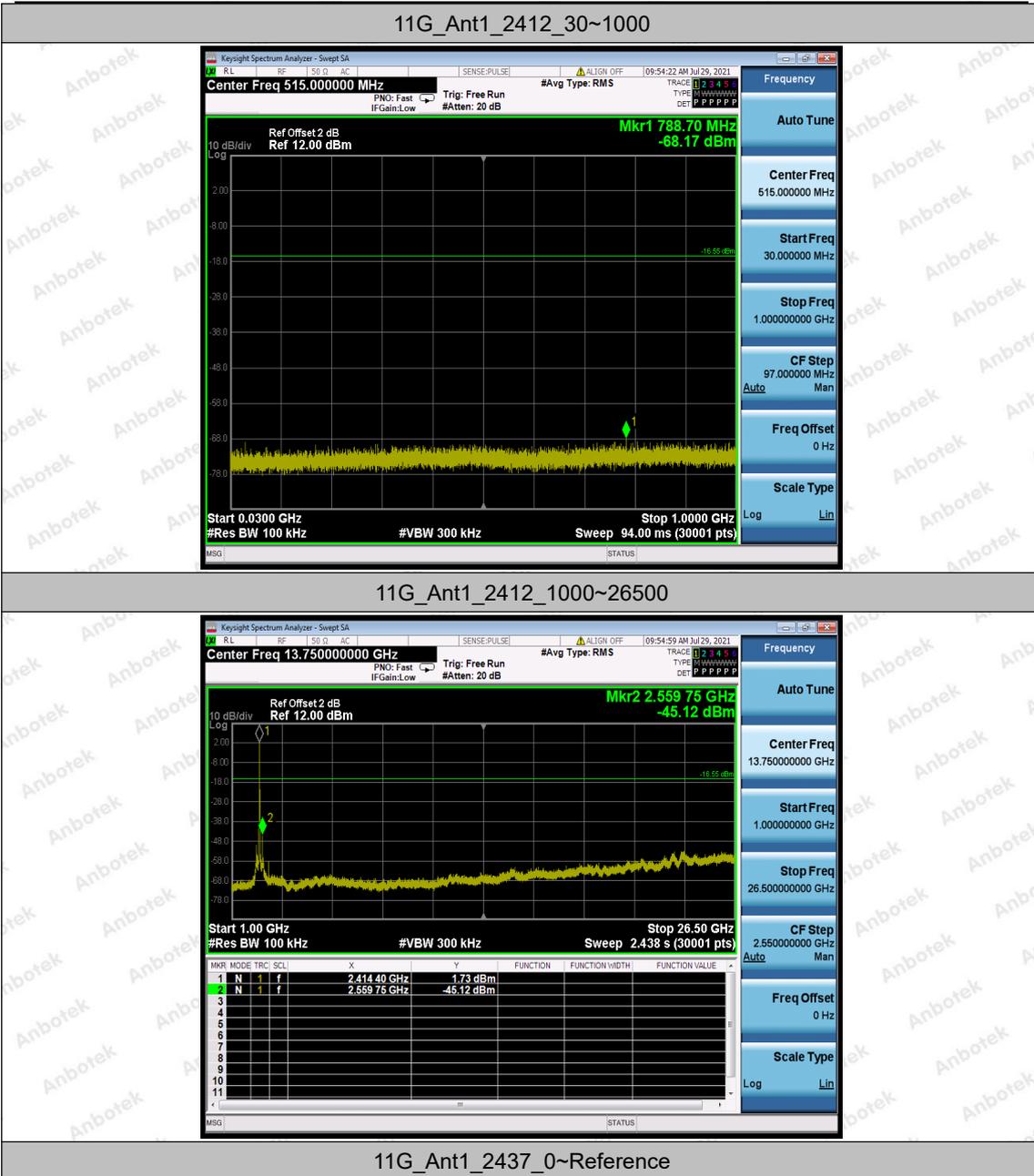
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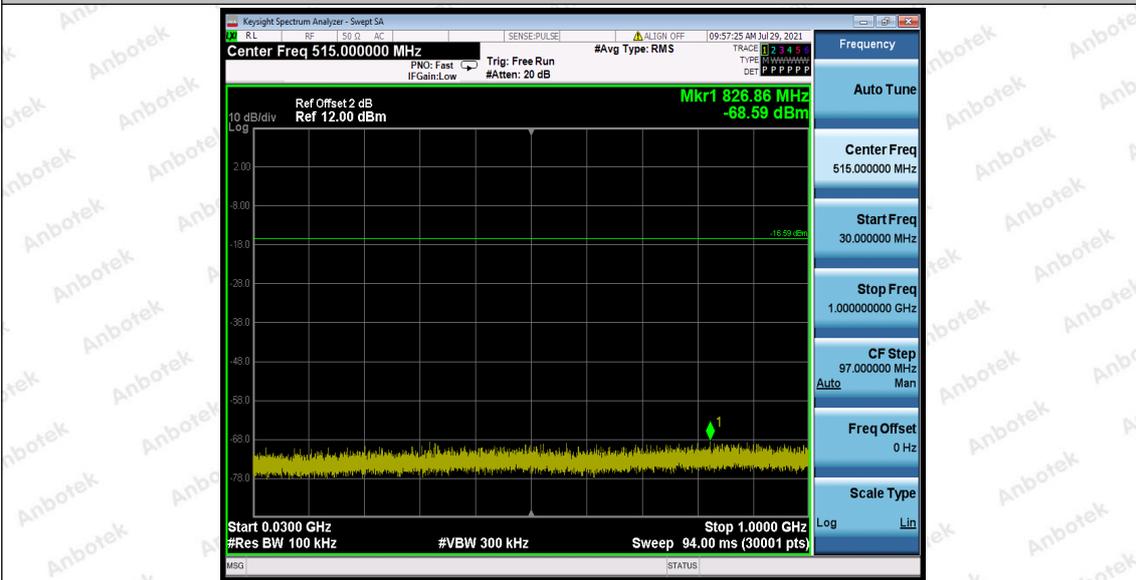
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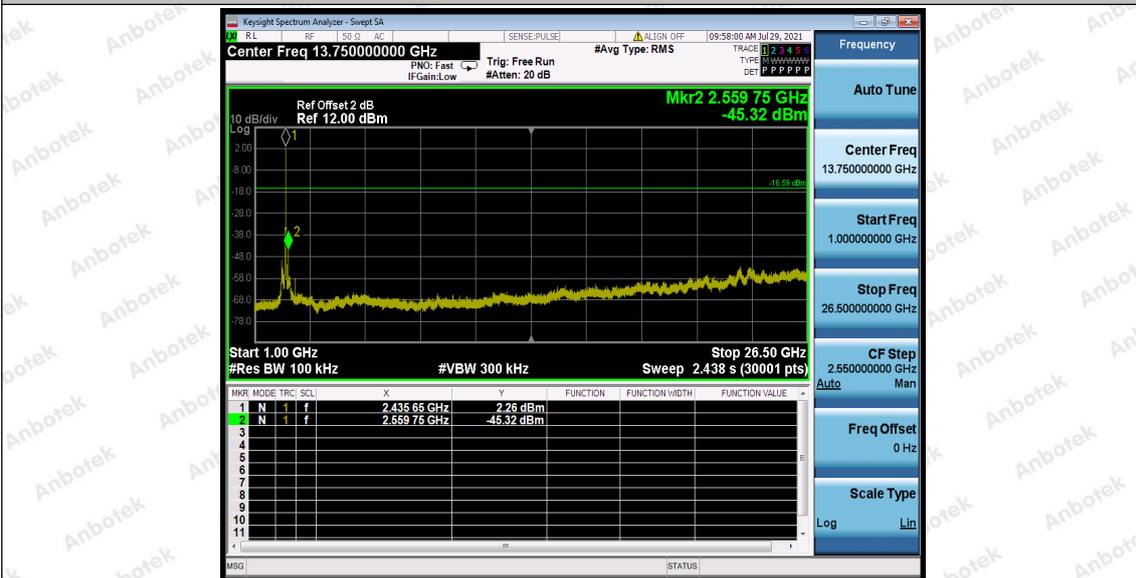
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11G\_Ant1\_2437\_30~1000



11G\_Ant1\_2437\_1000~26500



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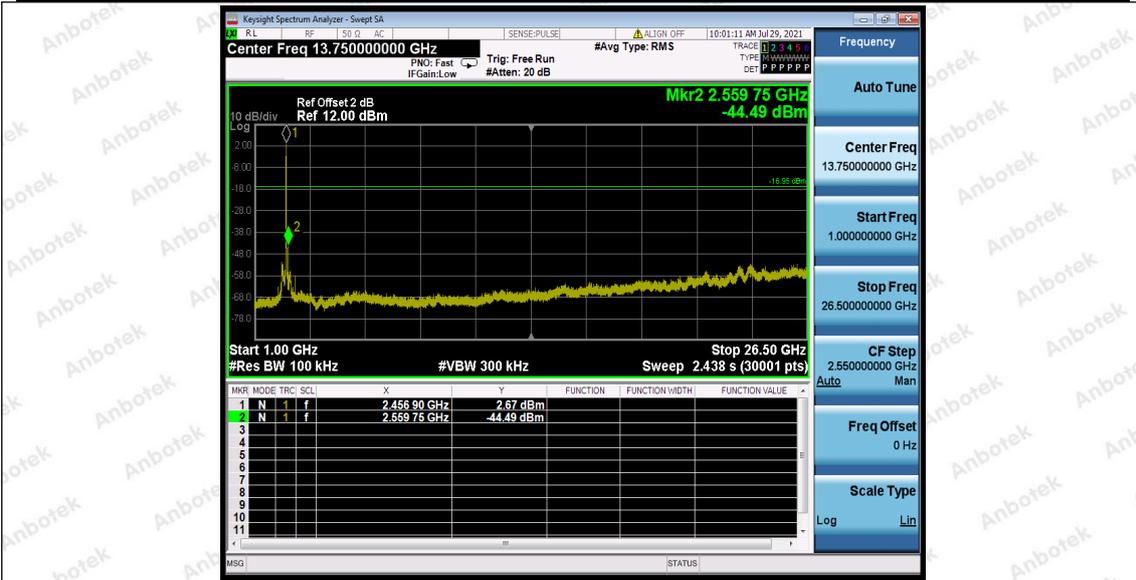
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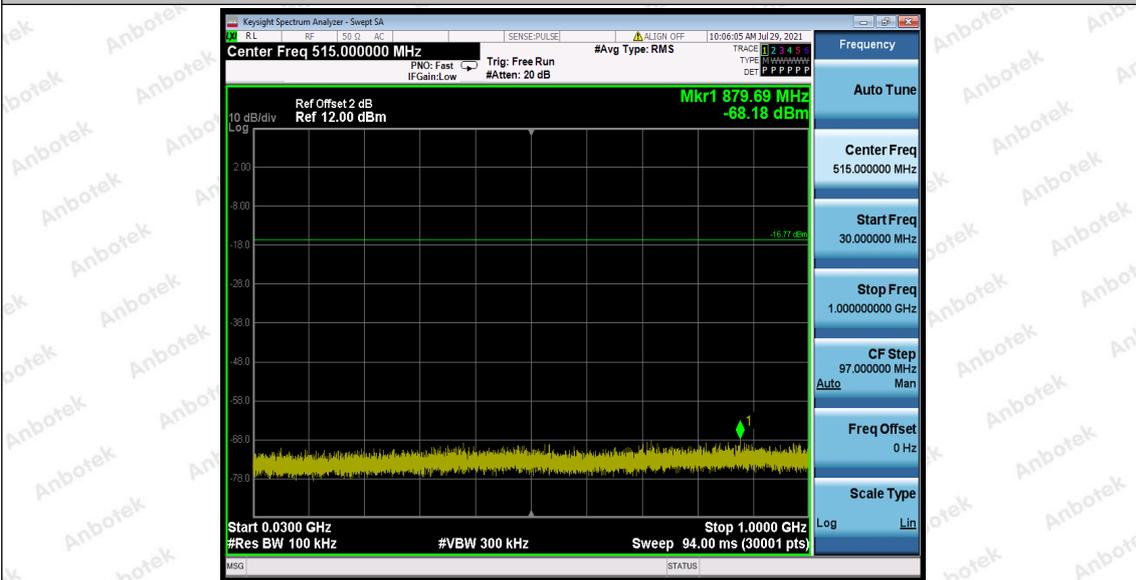
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11N20\_Ant1\_2412\_0~Reference



11N20\_Ant1\_2412\_30~1000



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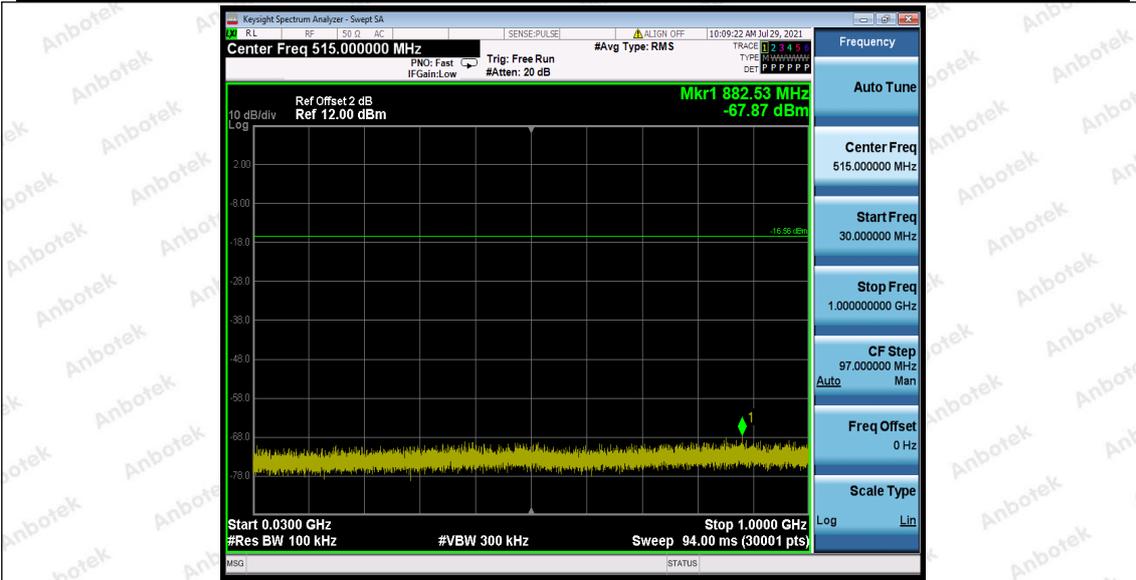
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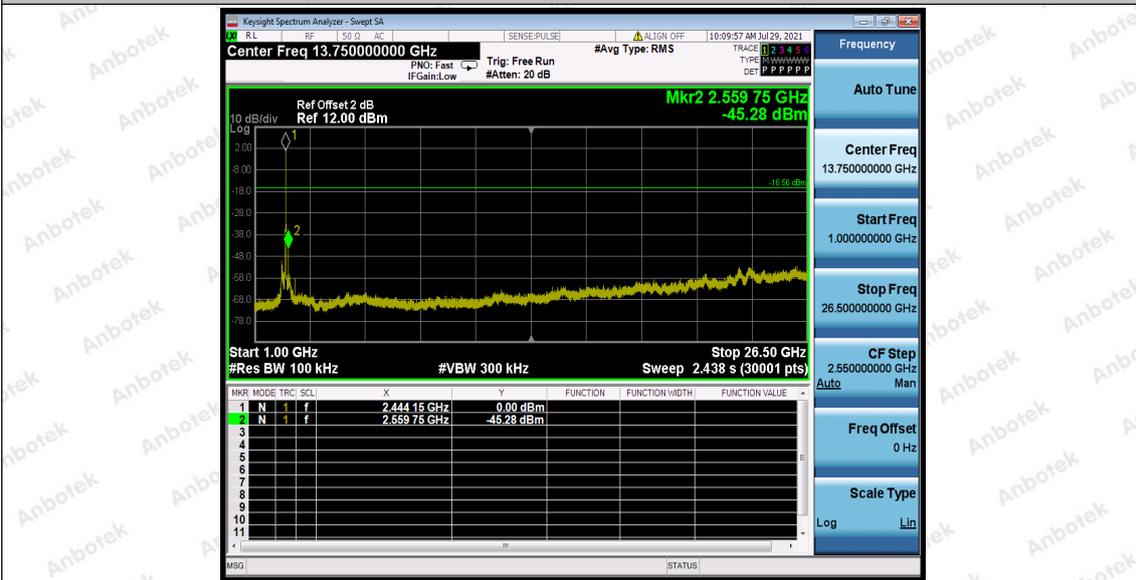
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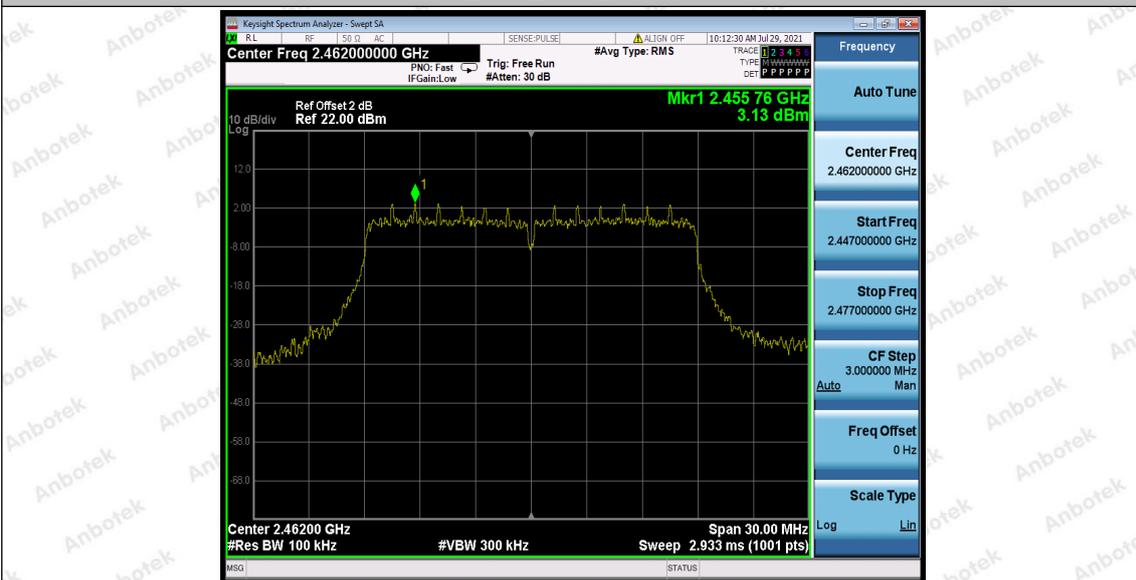
Hotline  
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11N20\_Ant1\_2437\_1000~26500



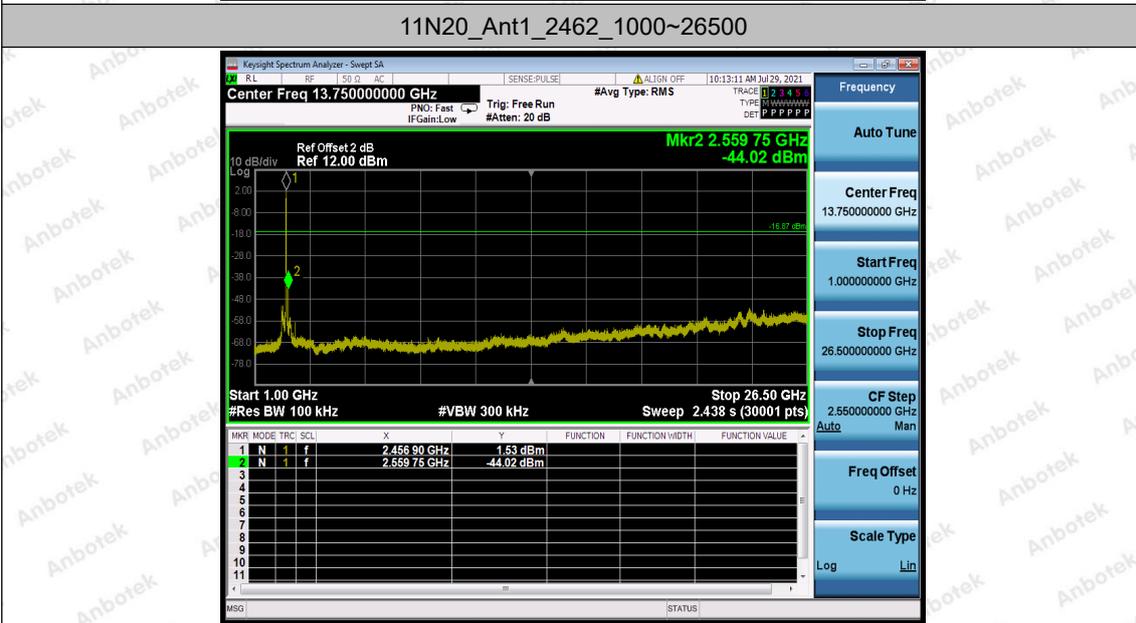
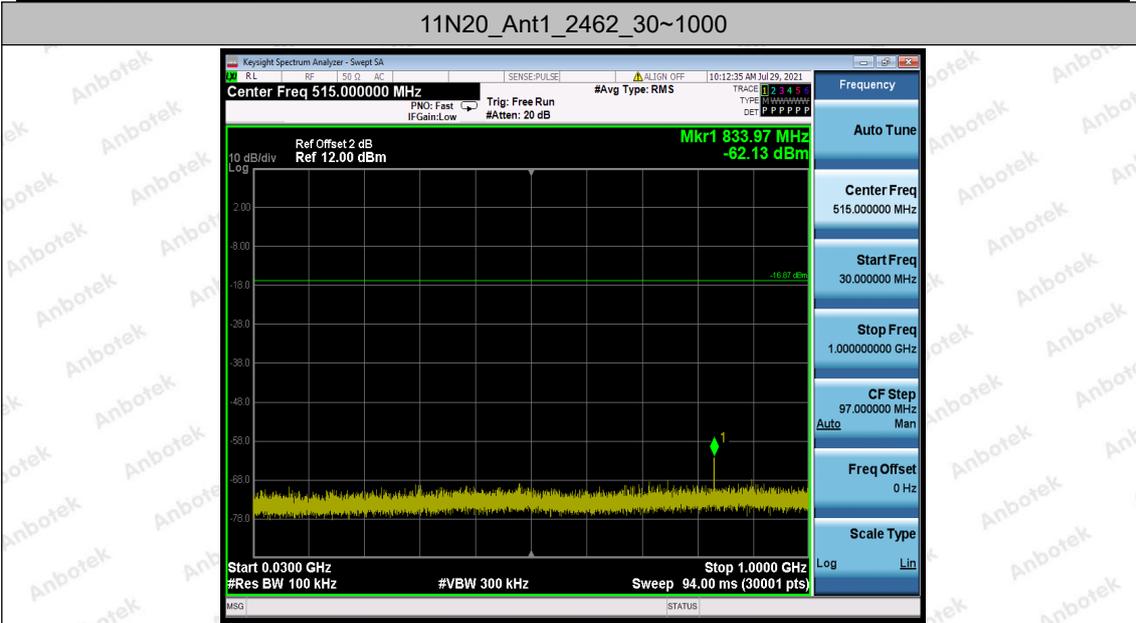
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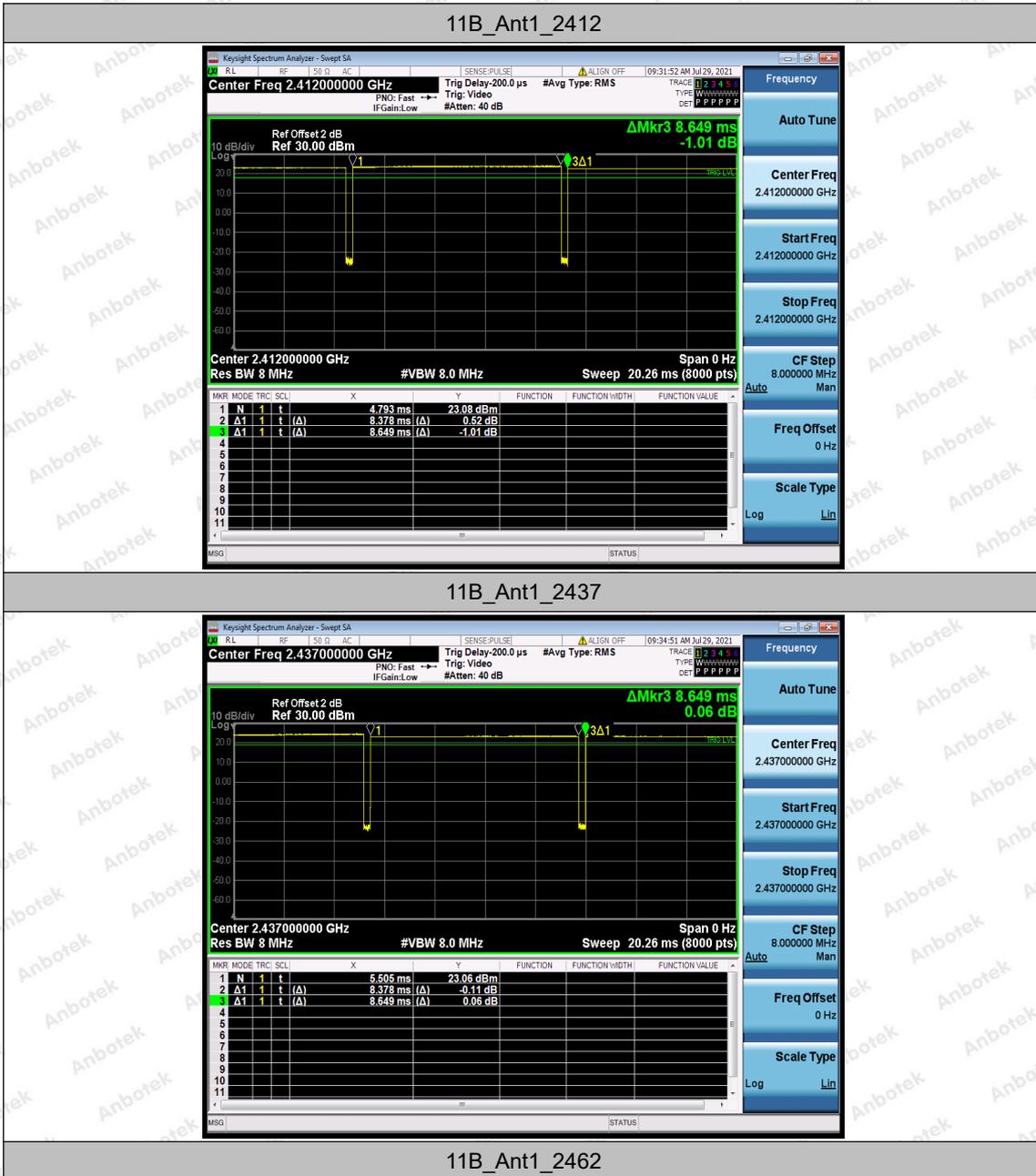
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## Appendix G: Duty Cycle

### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.65	96.88	---	PASS
		2437	8.38	8.65	96.88	---	PASS
		2462	8.38	8.65	96.88	---	PASS
11G	Ant1	2412	1.39	1.66	83.73	---	PASS
		2437	1.39	1.66	83.73	---	PASS
		2462	1.39	1.66	83.73	---	PASS
11N20	Ant1	2412	1.30	1.57	82.80	---	PASS
		2437	1.30	1.57	82.80	---	PASS
		2462	1.30	1.57	82.80	---	PASS

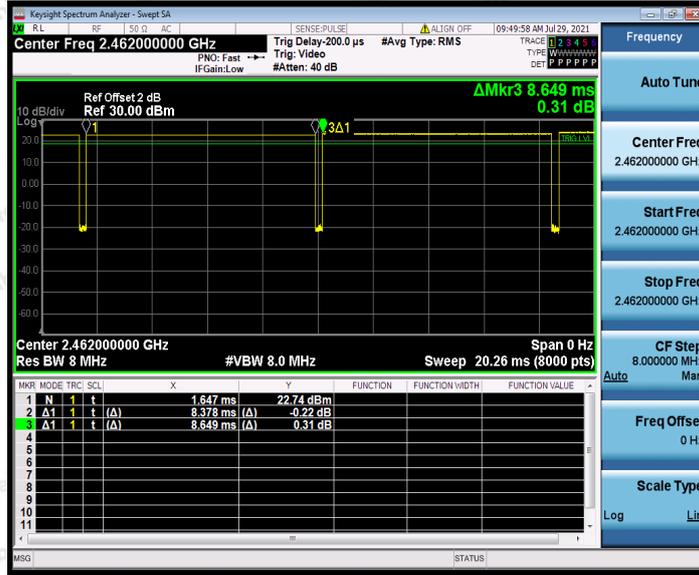
**Test Graphs**



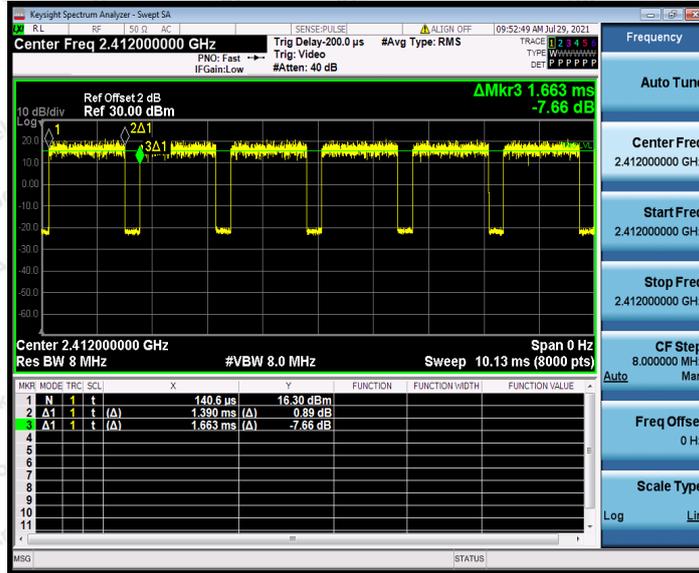
**Shenzhen Anbotek Compliance Laboratory Limited**

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
 Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

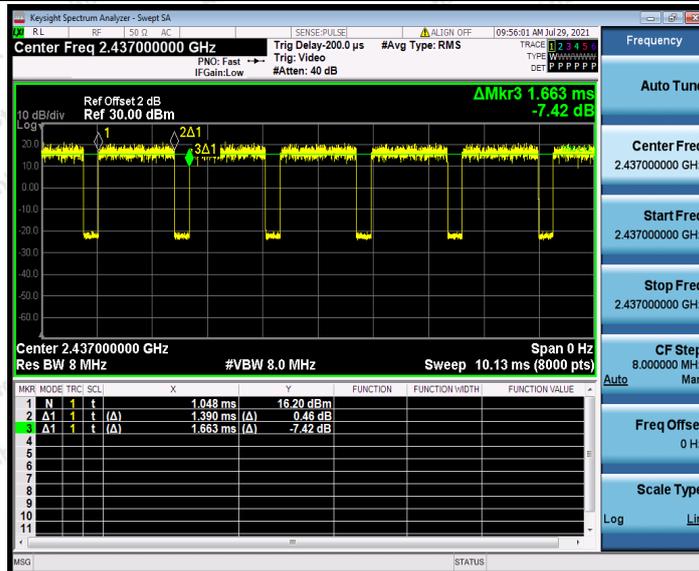
Hotline  
 400-003-0500  
 www.anbotek.com



11G\_Ant1\_2412



11G\_Ant1\_2437

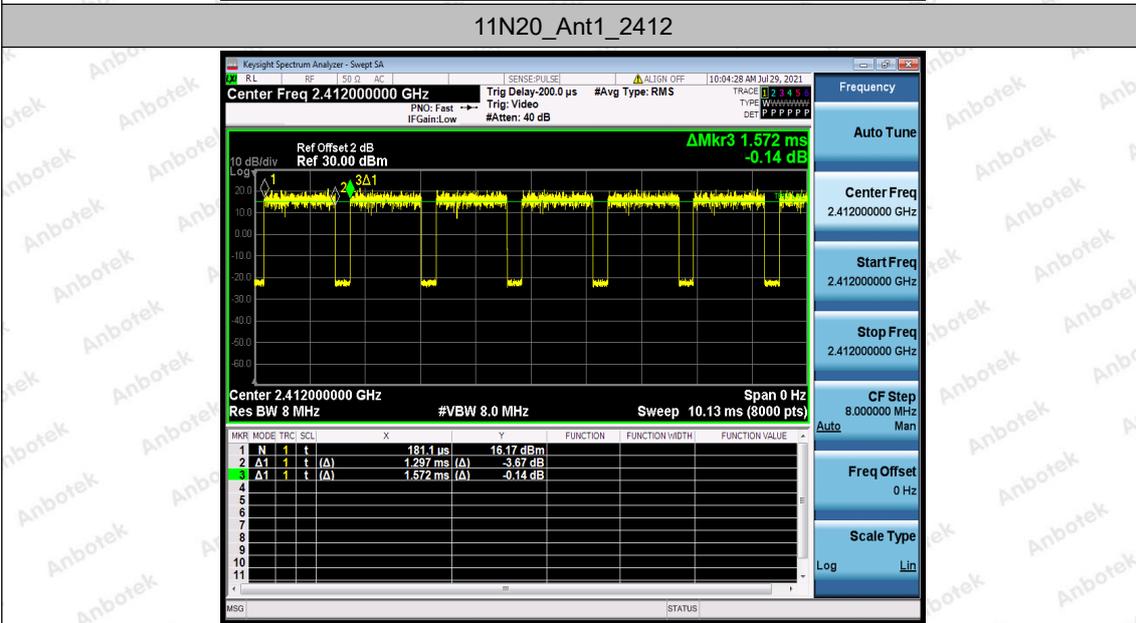
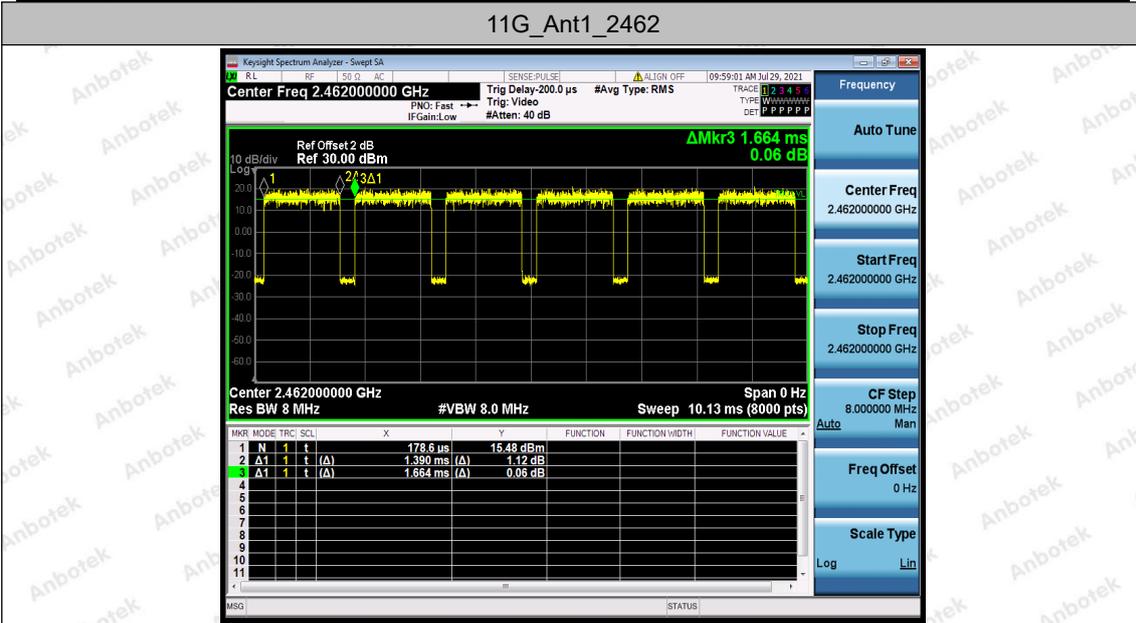


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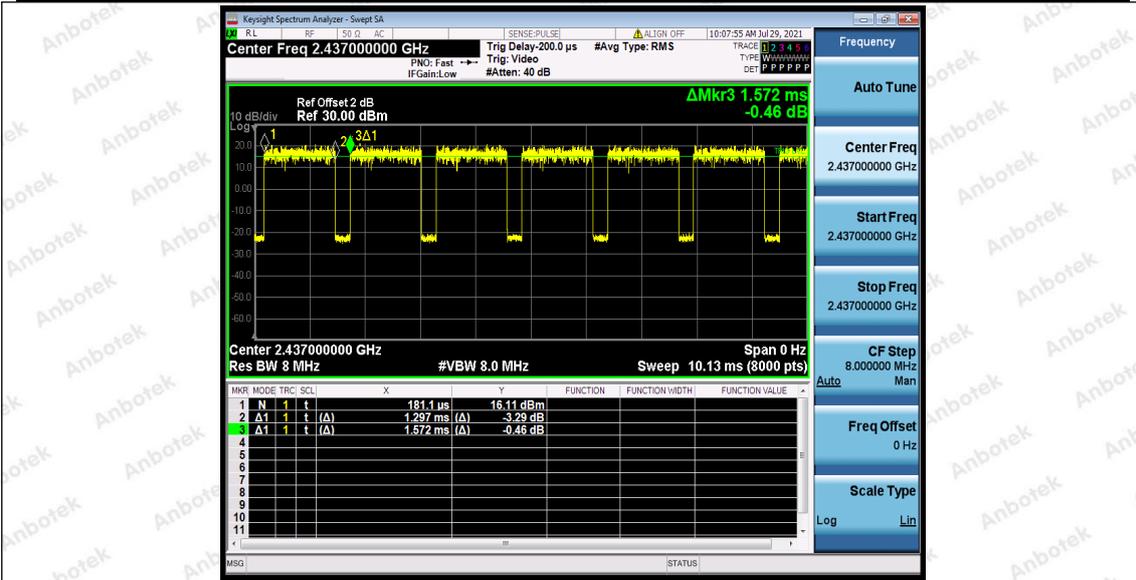
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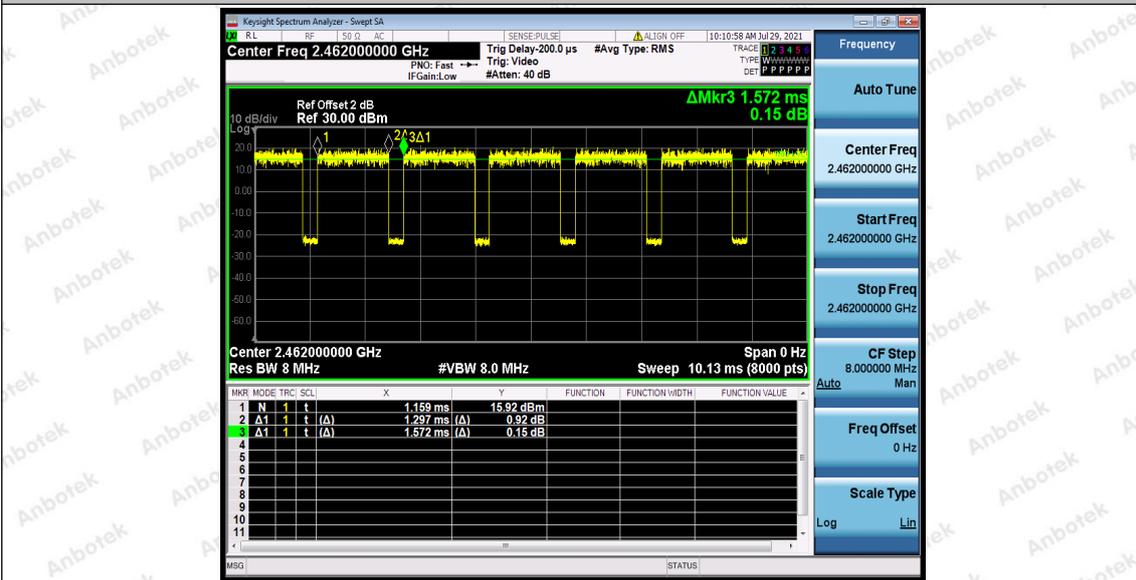
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

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