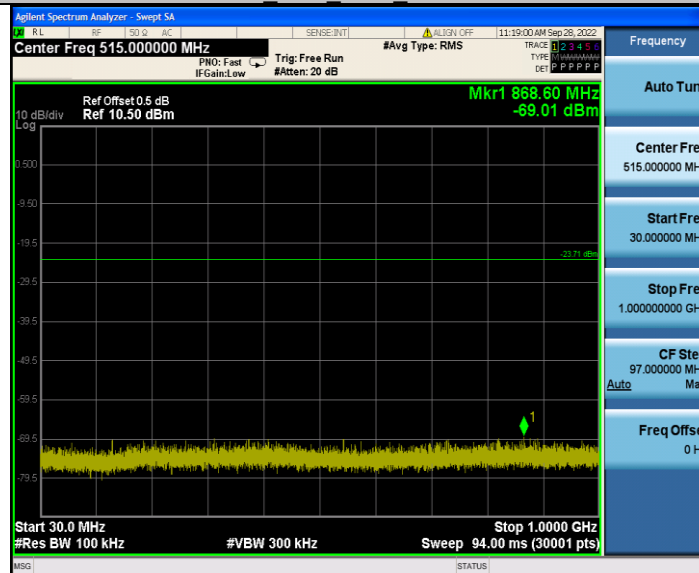
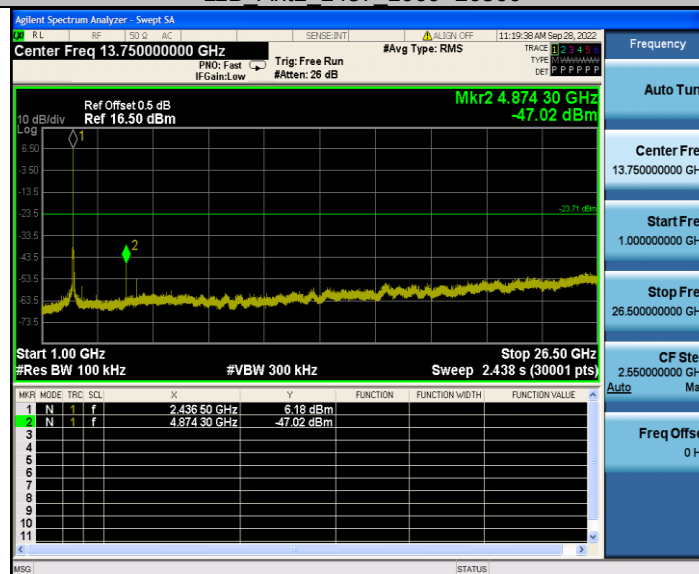




11B_Ant2_2437_30~1000



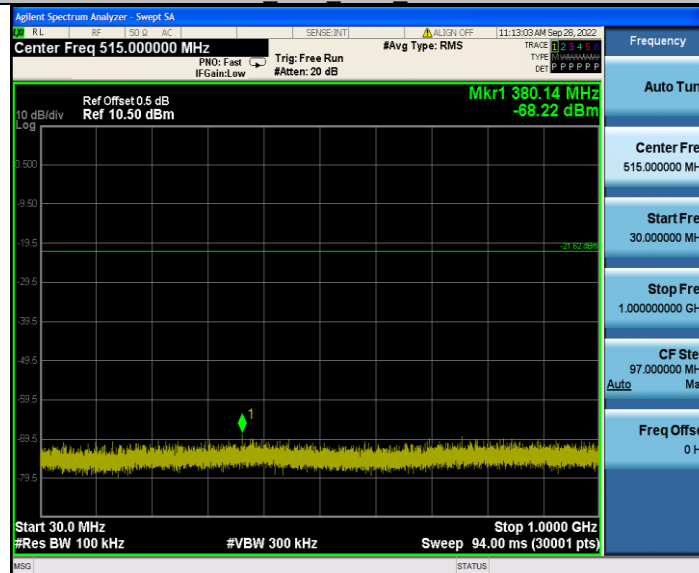
11B_Ant2_2437_1000~26500



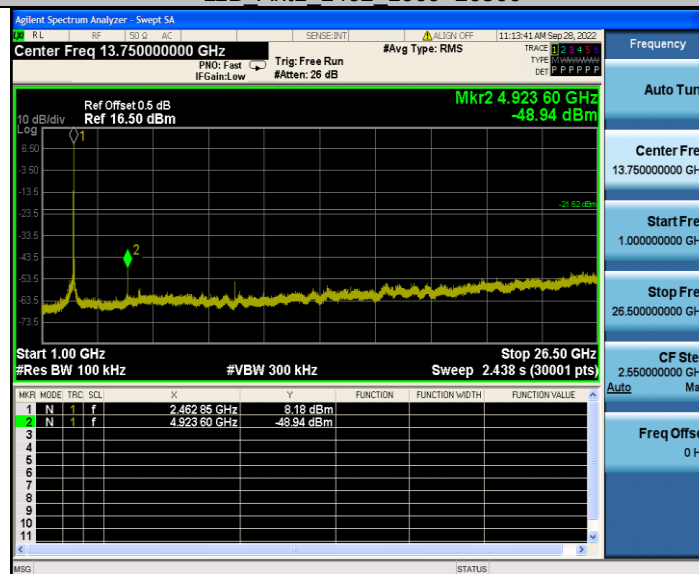
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11B_Ant2_2462_0~Reference

CTC Laboratories, Inc.

1-2/F, Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

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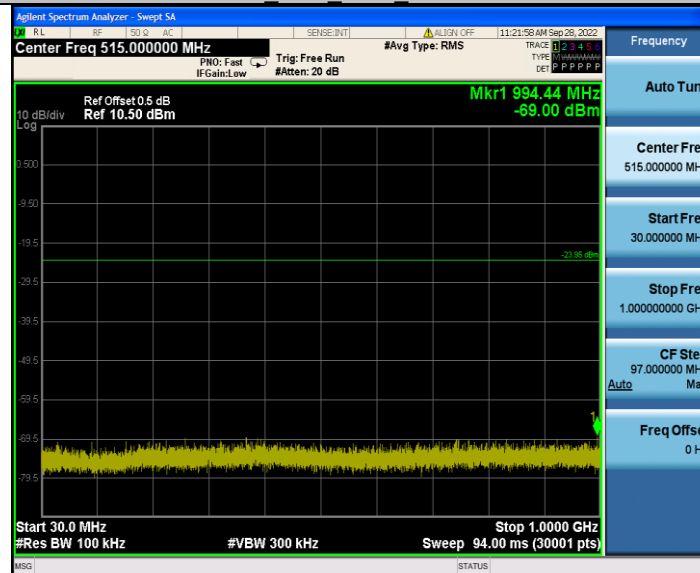
Fax: (86)755-27521011

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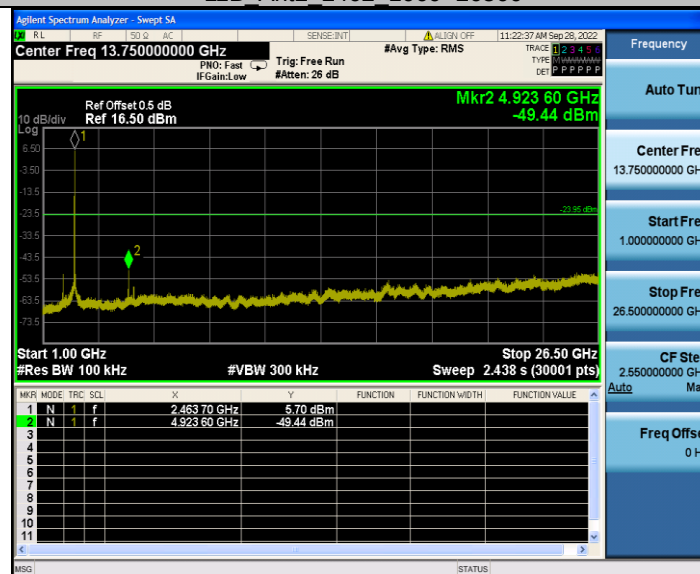
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



11B Ant2 2462 30~1000



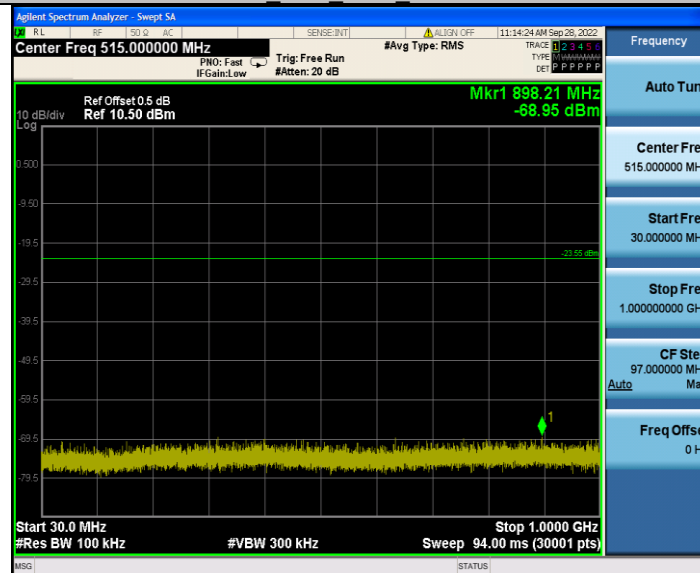
11B Ant2 2462 1000~26500



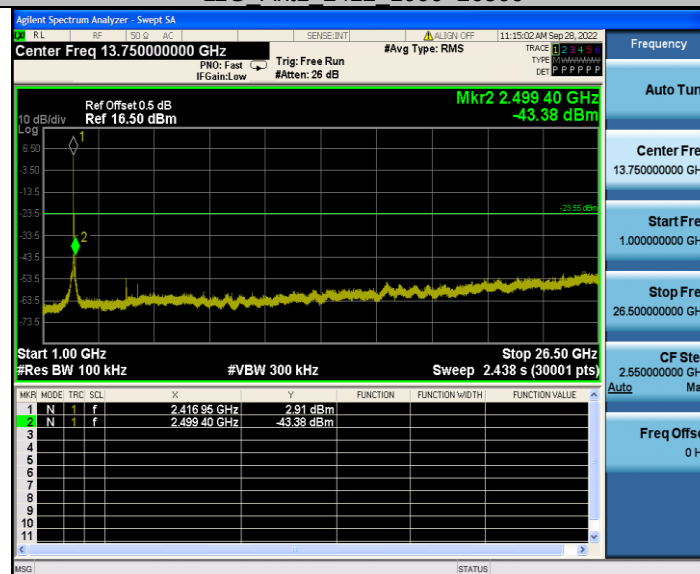
11G Ant1 2412 0~Reference



11G Ant1 2412 30~1000



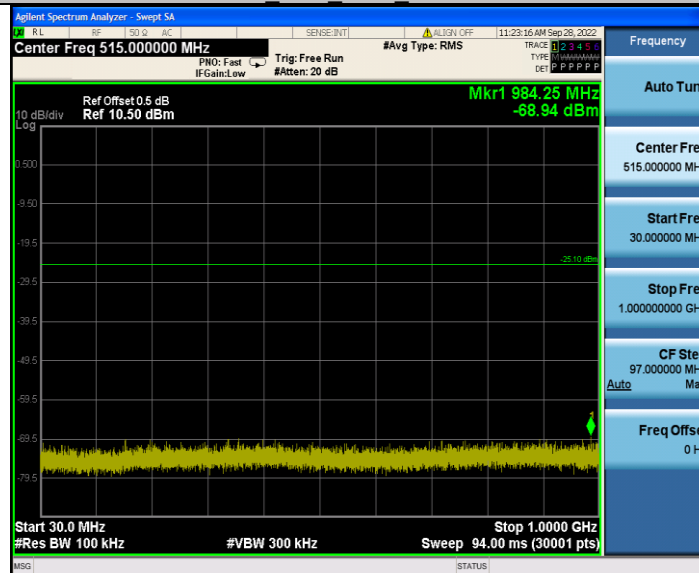
11G Ant1 2412 1000~26500



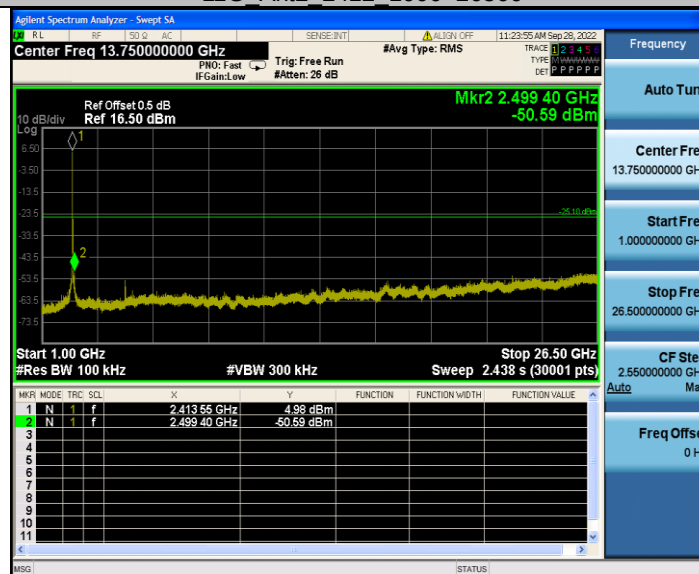
11G Ant2 2412 0~Reference



11G Ant2 2412 30~1000



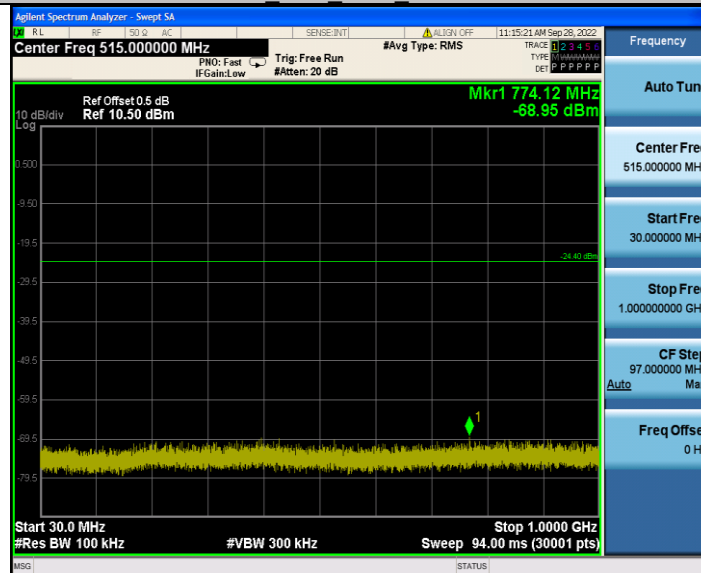
11G Ant2 2412 1000~26500



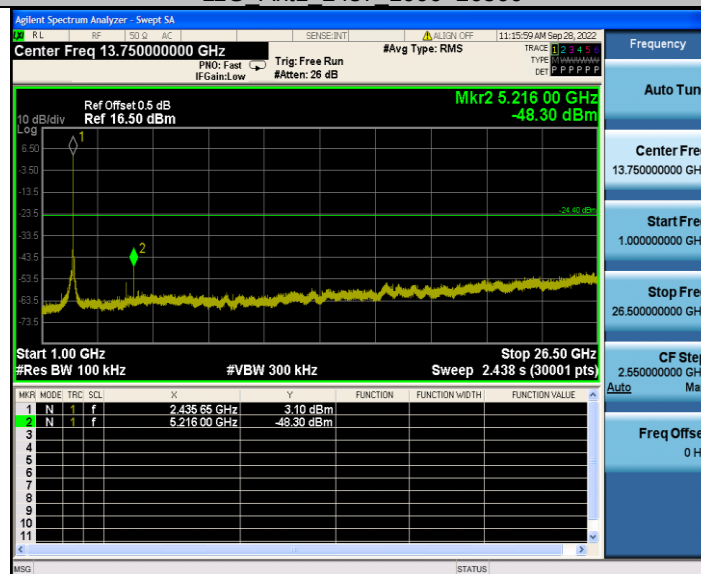
11G Ant1 2437 0~Reference



11G Ant1 2437 30~1000



11G Ant1 2437 1000~26500



11G Ant2 2437 0~Reference

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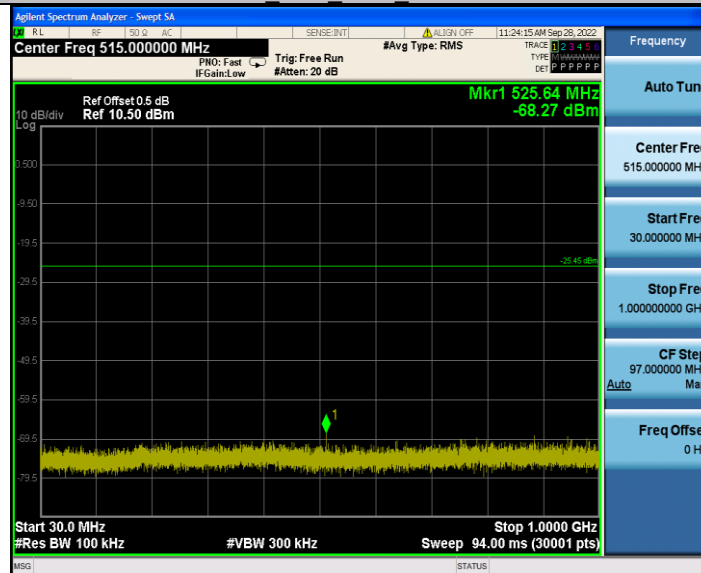
Fax: (86)755-27521011

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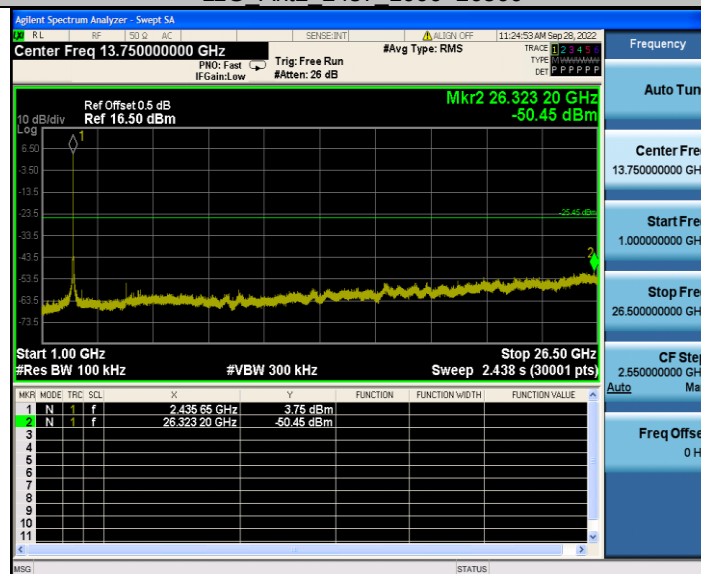
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11G Ant2 2437 30~1000



11G Ant2 2437 1000~26500



11G Ant1 2462 0~Reference

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Tel.: (86)755-27521059

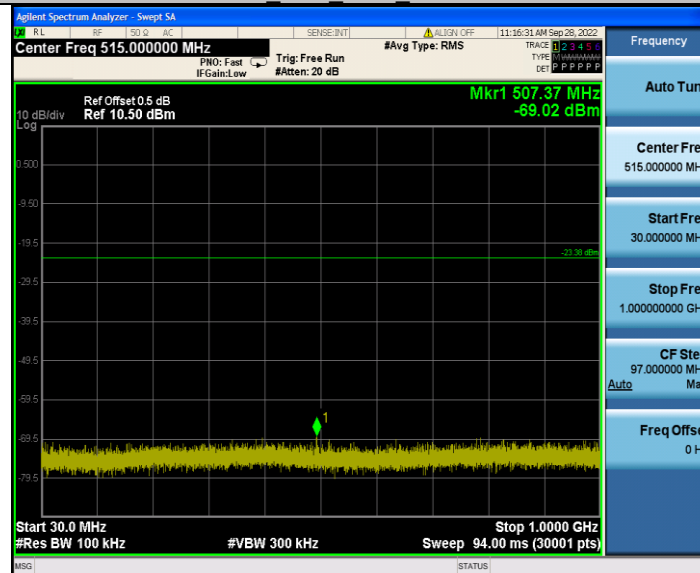
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

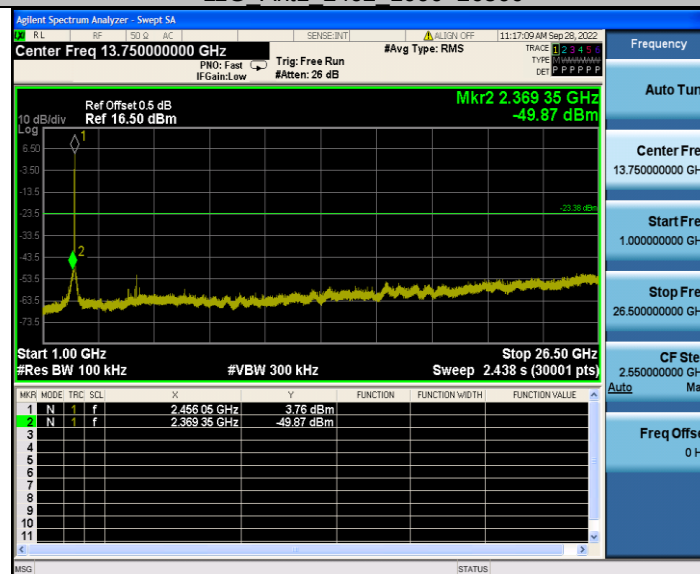
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11G Ant1 2462 30~1000



11G Ant1 2462 1000~26500



11G Ant2 2462 0~Reference

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Tel.: (86)755-27521059

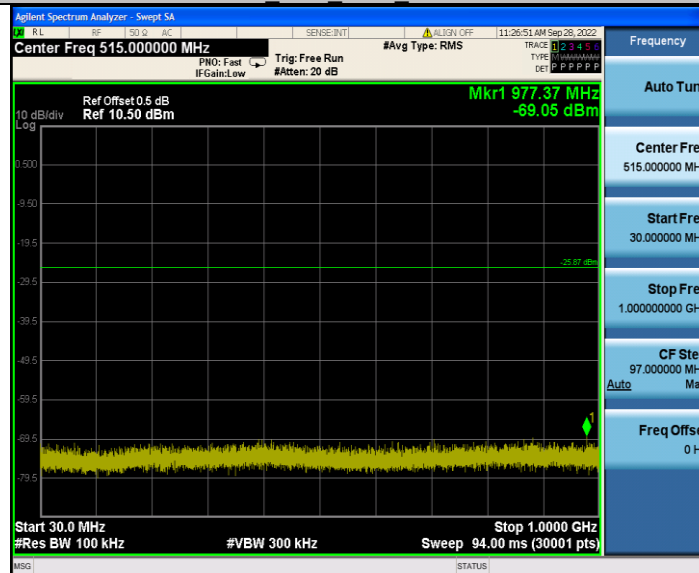
Fax: (86)755-27521011

Http://www.sz-ctc.org.cn

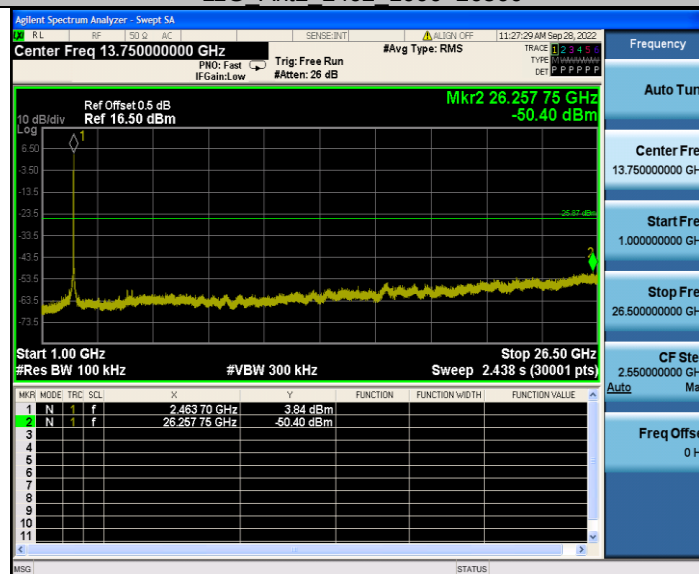
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn



11G_Ant2_2462_30~1000



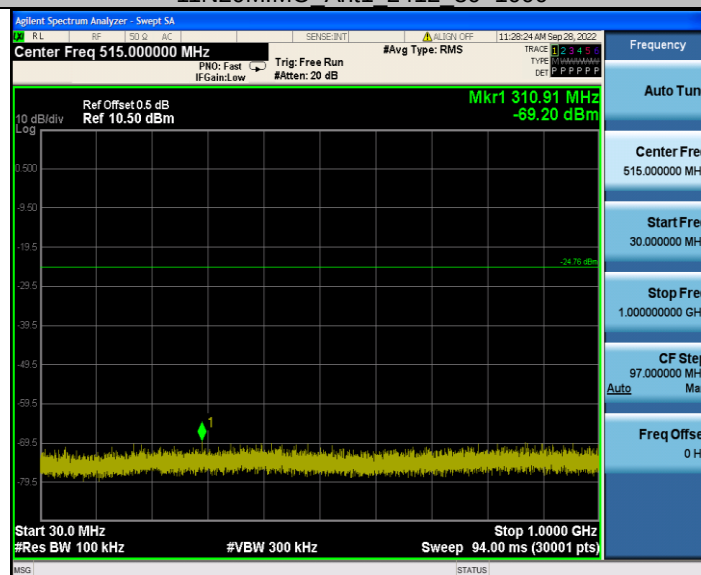
11G_Ant2_2462_1000~26500



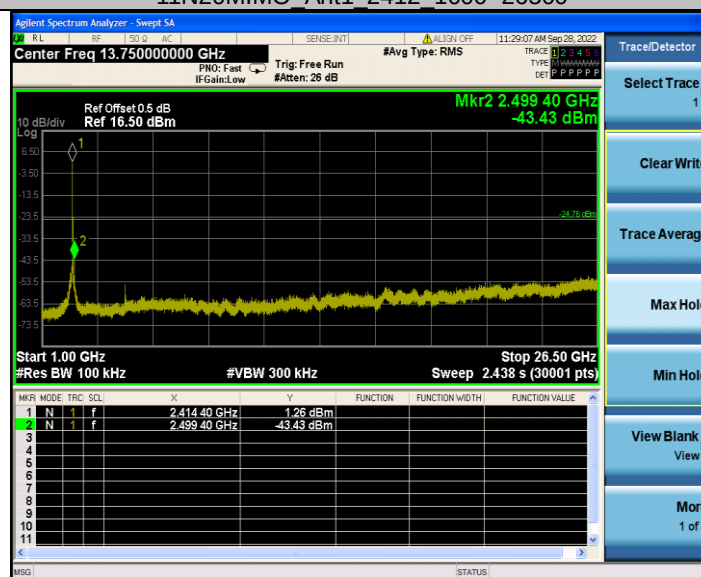
11N20MIMO_Ant1_2412_0~Reference



11N20MIMO_Ant1_2412_30~1000



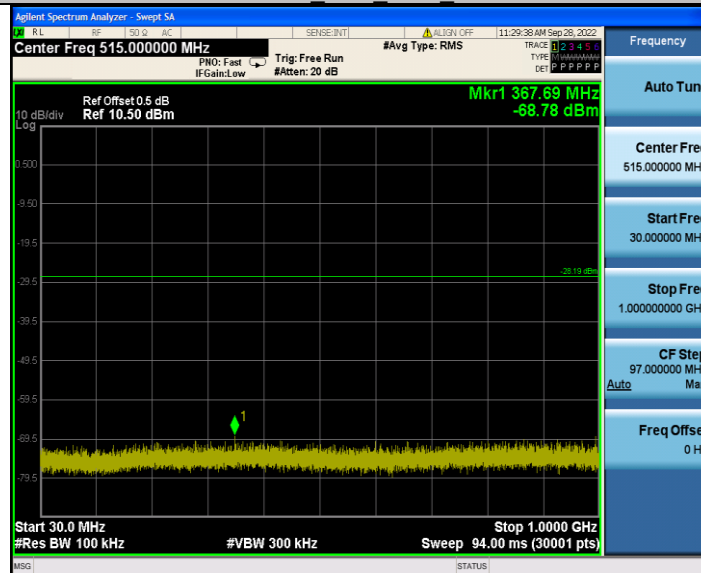
11N20MIMO_Ant1_2412_1000~26500



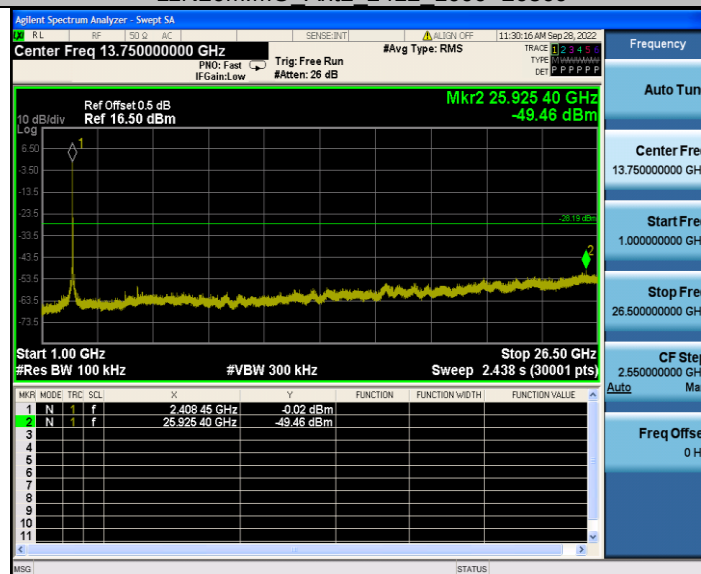
11N20MIMO_Ant2_2412_0~Reference



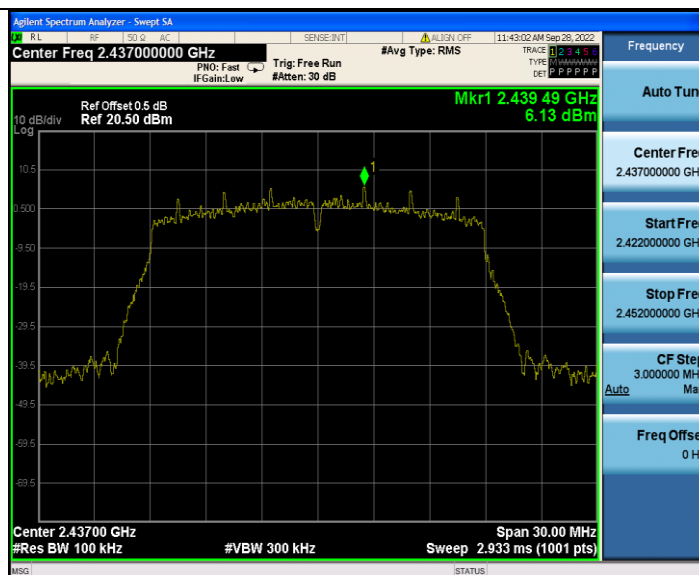
11N20MIMO_Ant2_2412_30~1000



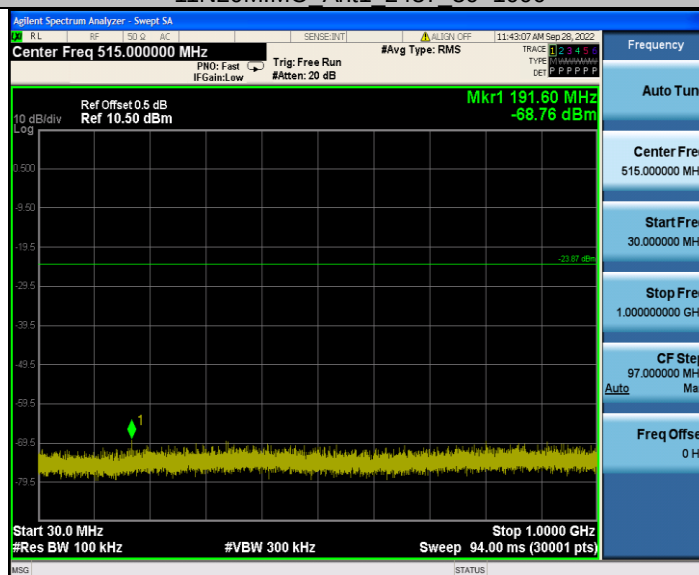
11N20MIMO_Ant2_2412_1000~26500



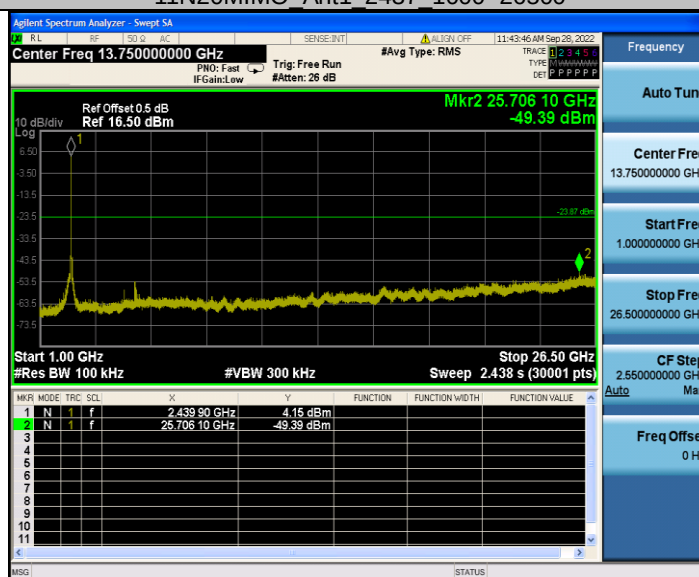
11N20MIMO_Ant1_2437_0~Reference



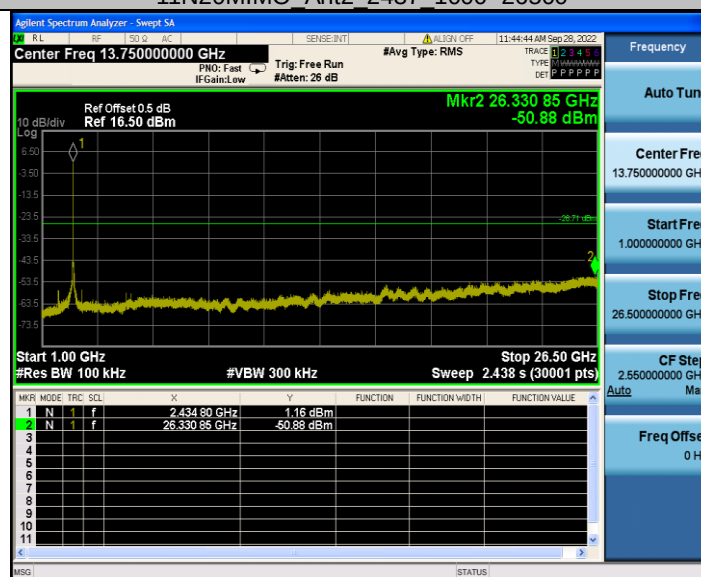
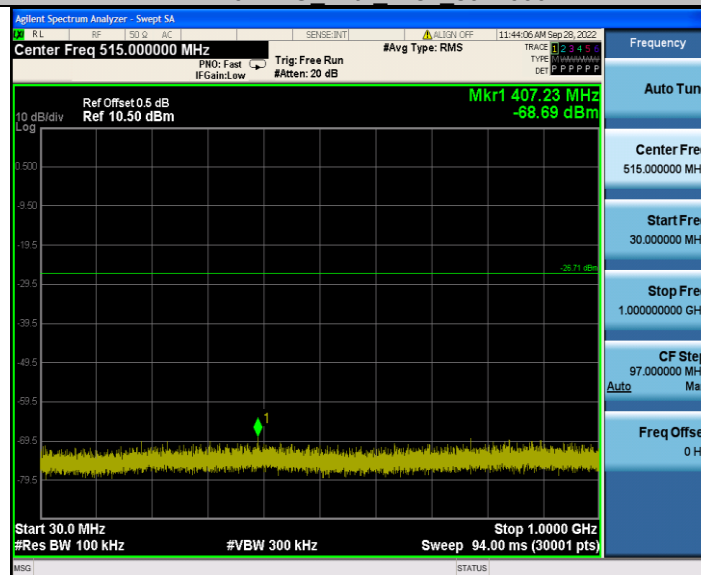
11N20MIMO_Ant1_2437_30~1000



11N20MIMO_Ant1_2437_1000~26500

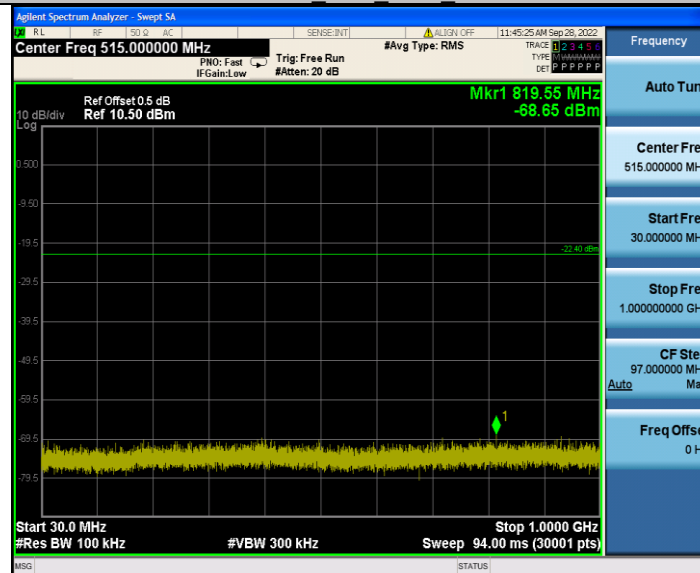


11N20MIMO_Ant2_2437_0~Reference

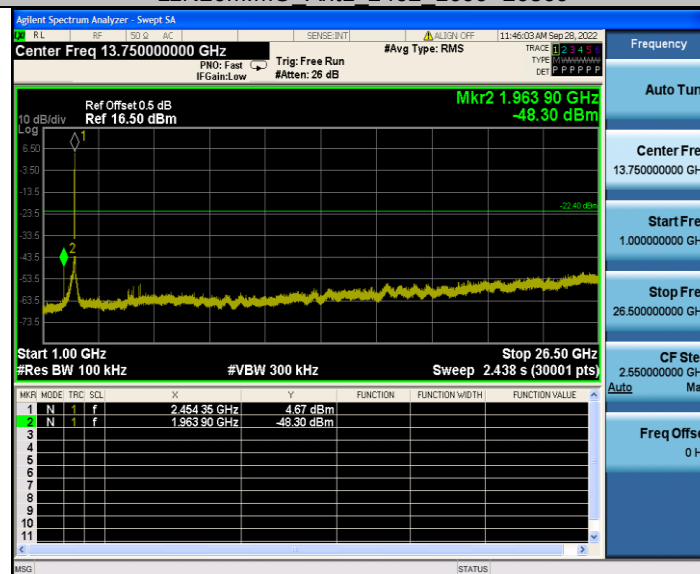




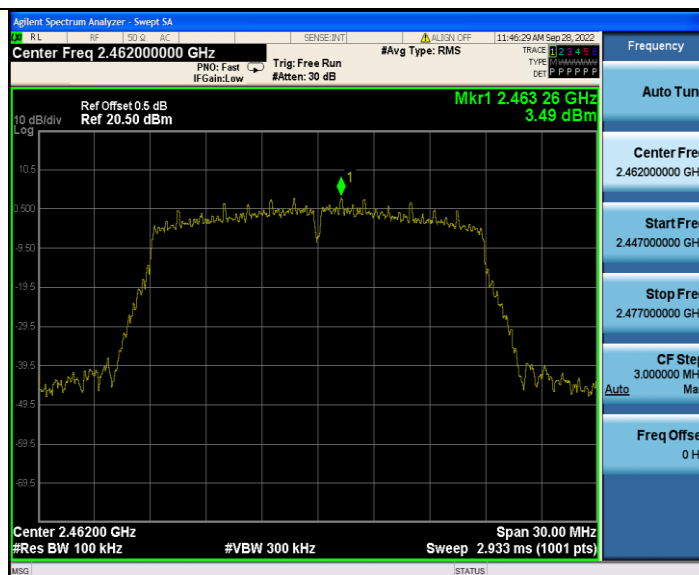
11N20MIMO_Ant1_2462_30~1000



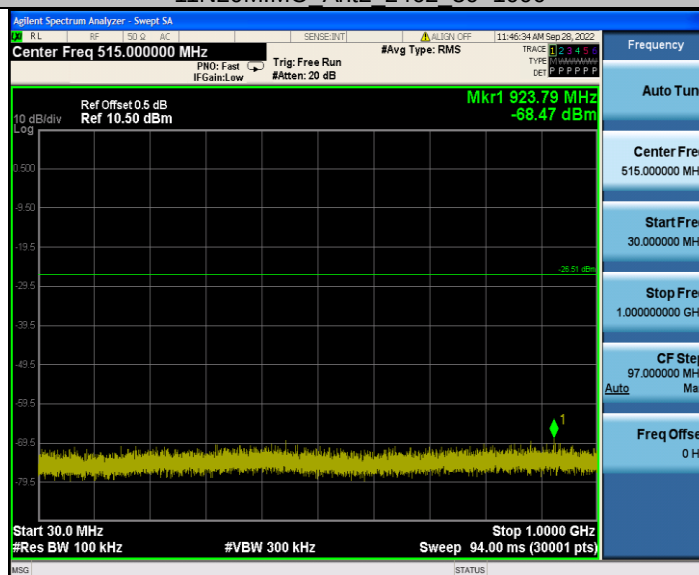
11N20MIMO_Ant1_2462_1000~26500



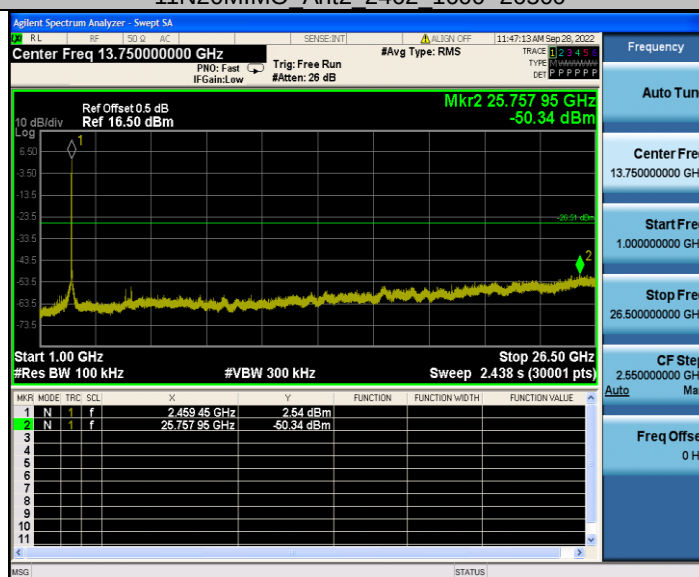
11N20MIMO_Ant2_2462_0~Reference



11N20MIMO_Ant2_2462_30~1000



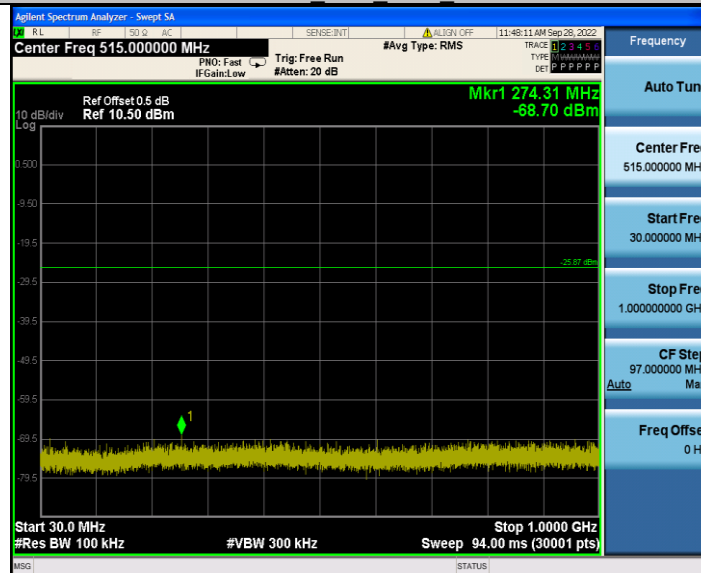
11N20MIMO_Ant2_2462_1000~26500



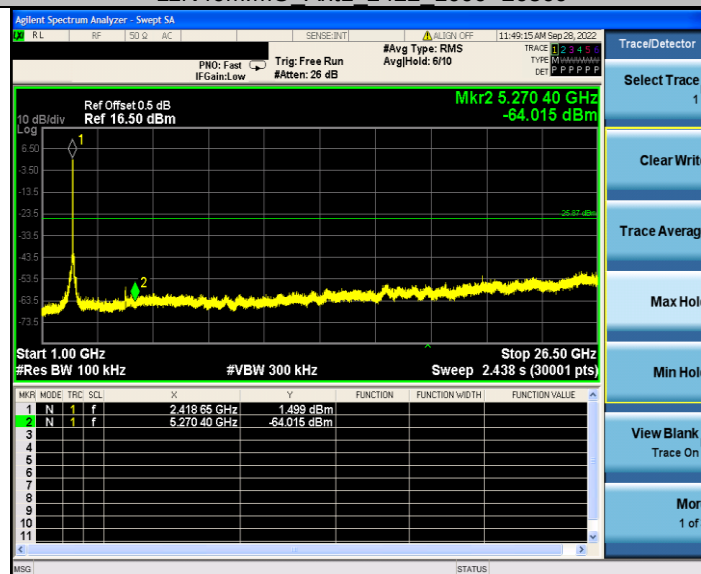
11N40MIMO_Ant1_2422_0~Reference



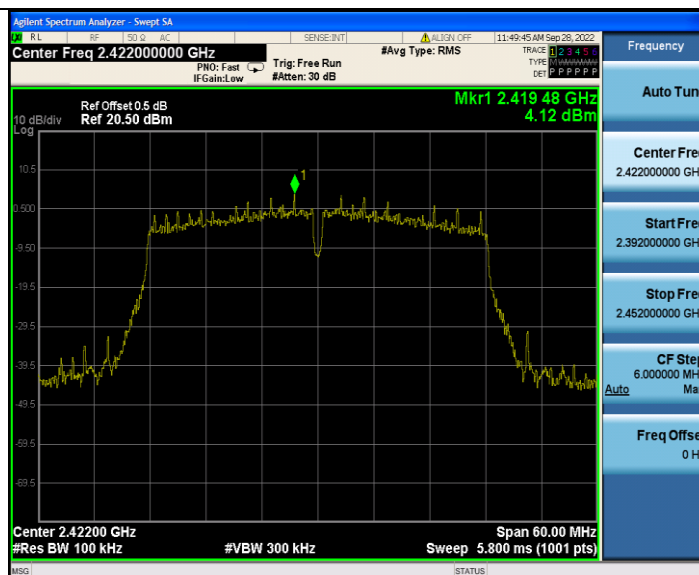
11N40MIMO_Ant1_2422_30~1000



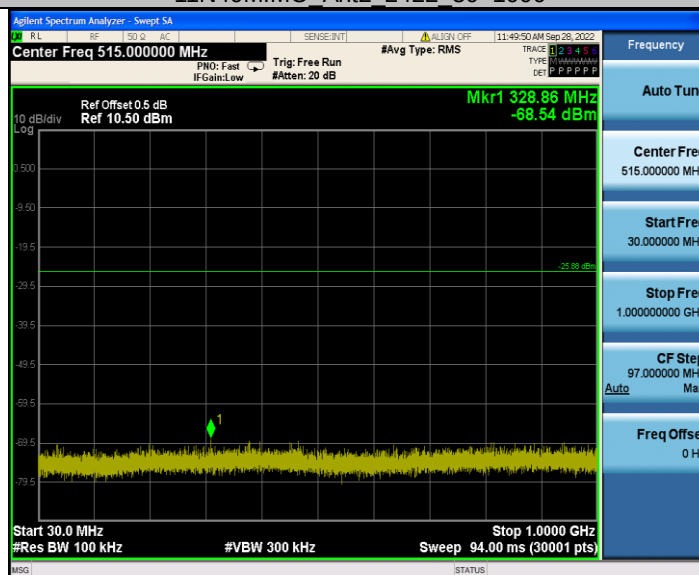
11N40MIMO_Ant1_2422_1000~26500



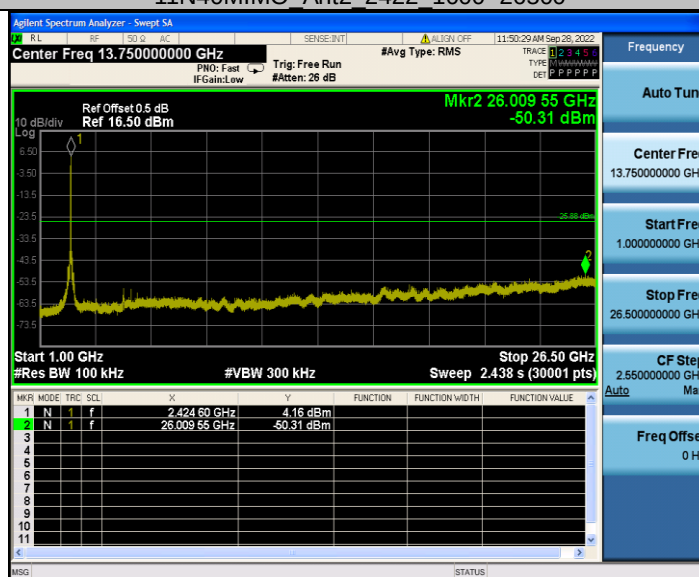
11N40MIMO_Ant2_2422_0~Reference



11N40MIMO_Ant2_2422_30~1000



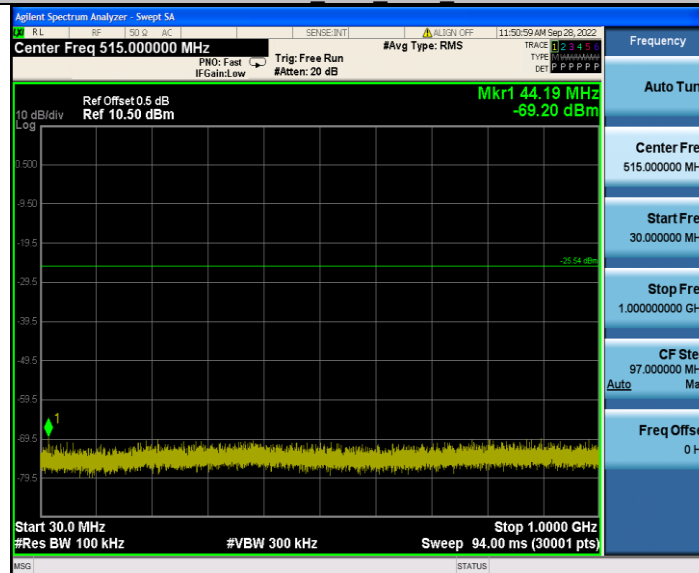
11N40MIMO_Ant2_2422_1000~26500



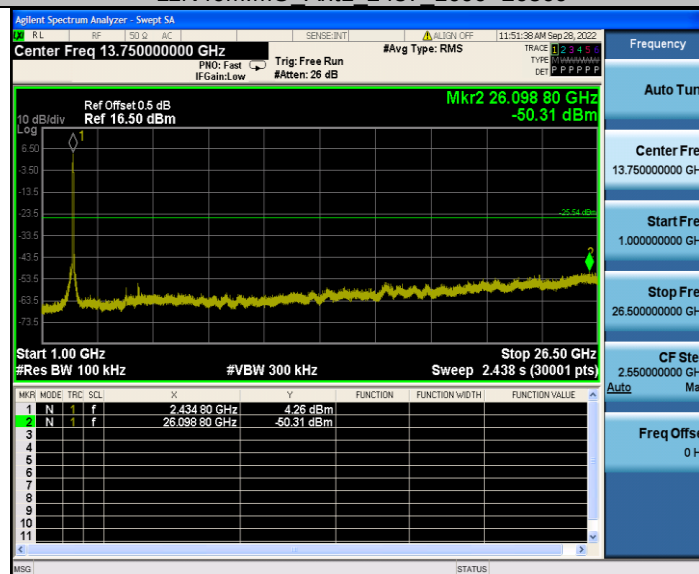
11N40MIMO_Ant1_2437_0~Reference



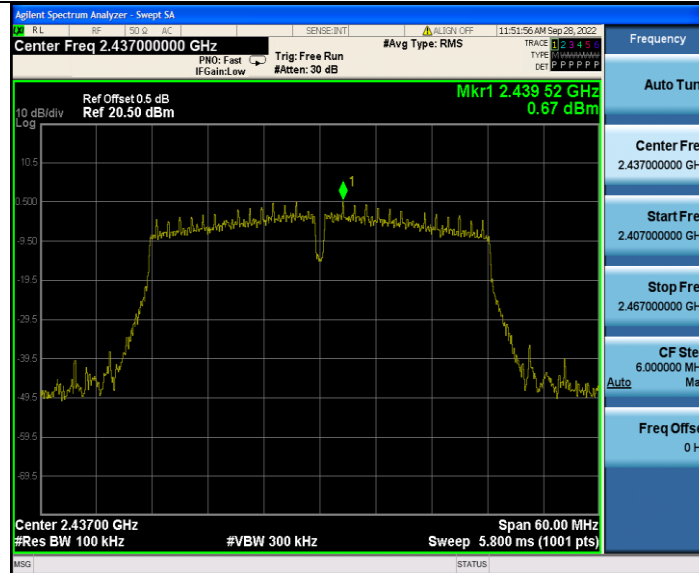
11N40MIMO_Ant1_2437_30~1000



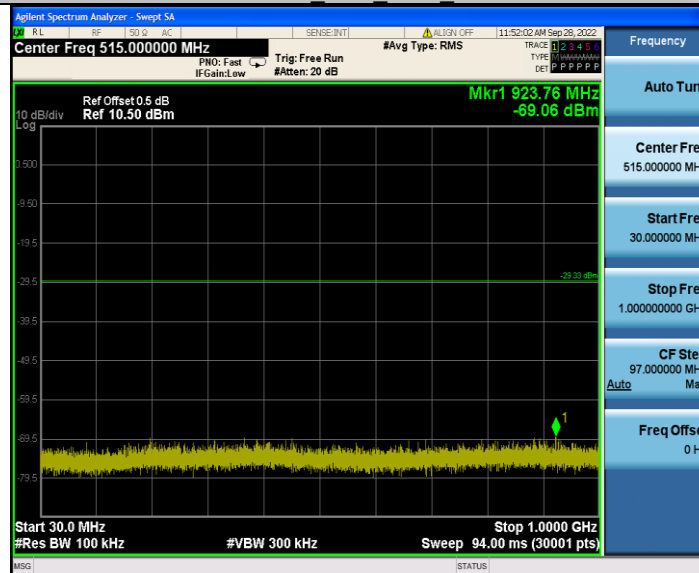
11N40MIMO_Ant1_2437_1000~26500



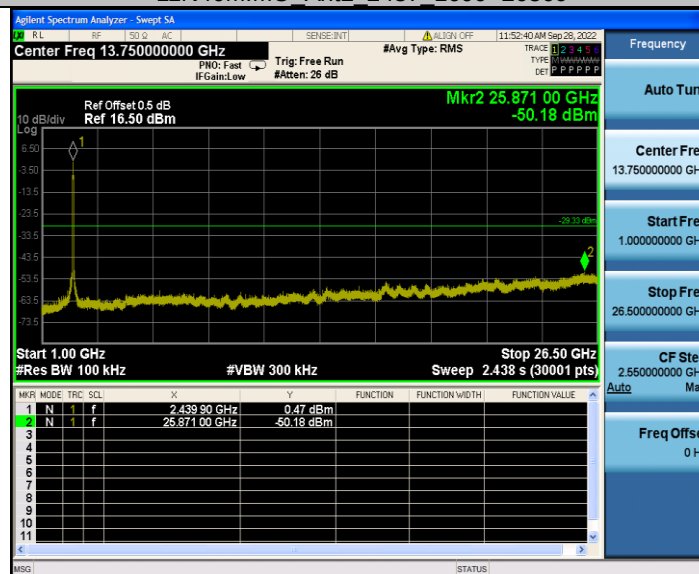
11N40MIMO_Ant2_2437_0~Reference



11N40MIMO_Ant2_2437_30~1000



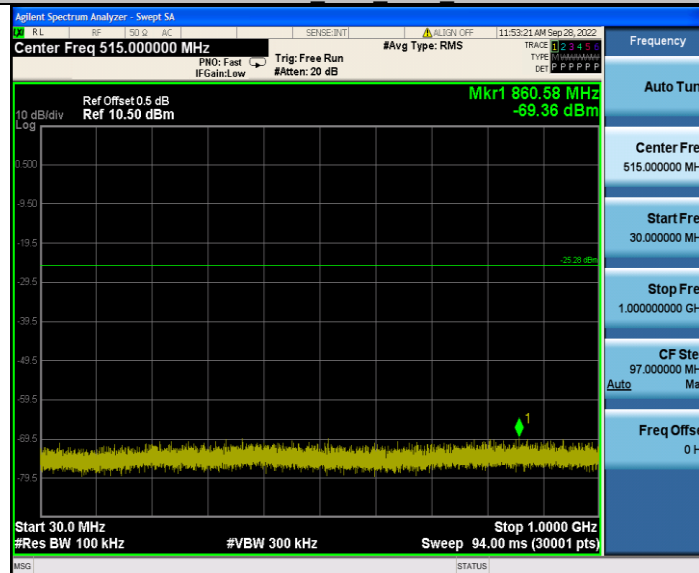
11N40MIMO_Ant2_2437_1000~26500



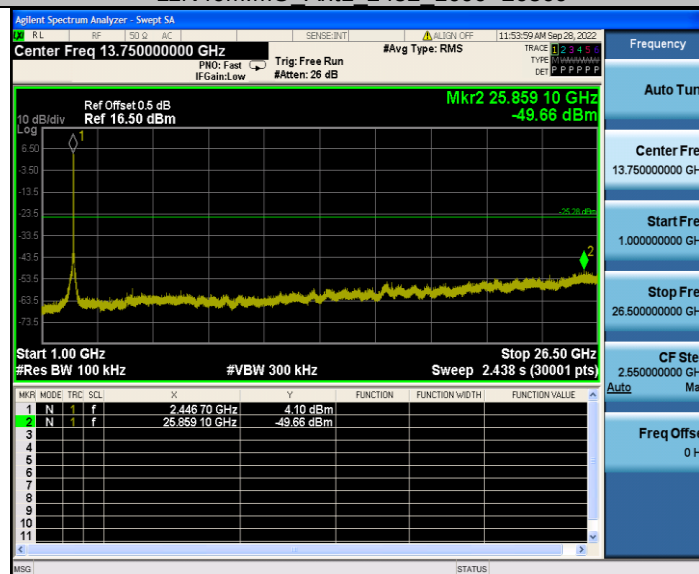
11N40MIMO_Ant1_2452_0~Reference



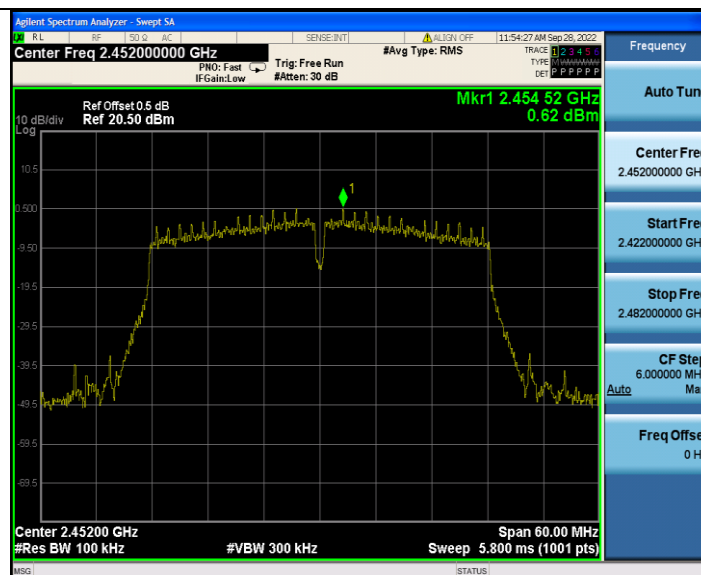
11N40MIMO_Ant1_2452_30~1000



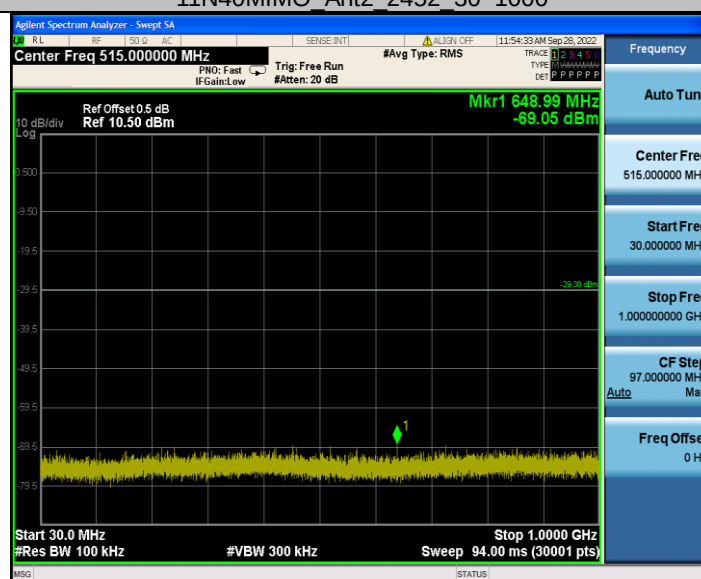
11N40MIMO_Ant1_2452_1000~26500



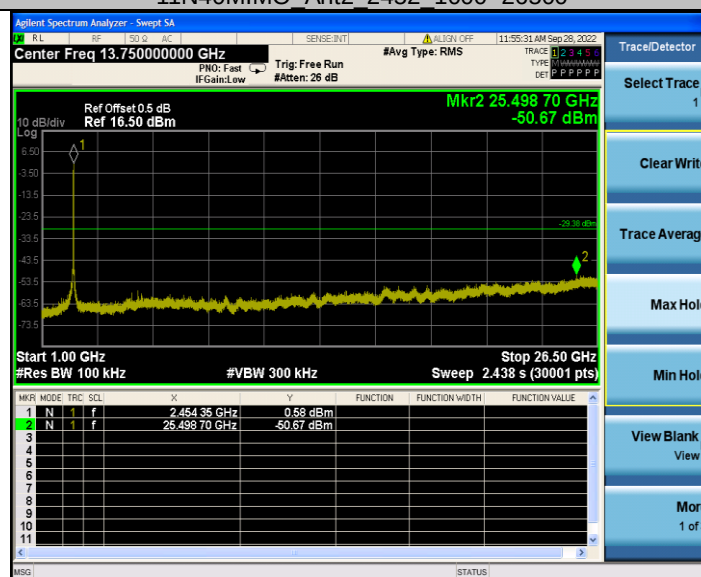
11N40MIMO_Ant2_2452_0~Reference



11N40MIMO Ant2 2452 30~1000



11N40MIMO Ant2 2452 1000~26500





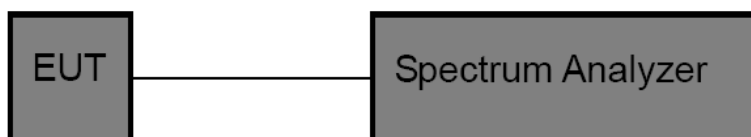
3.5. Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2)

Test Item	Limit	Frequency Range(MHz)
Bandwidth	≥ 500 KHz (6dB bandwidth)	2400~2483.5

Test Configuration



Test Procedure

5. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
6. DTS Spectrum Setting:
 - (1) Set RBW = 100 kHz.
 - (2) Set the video bandwidth (VBW) ≥ 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.OCB Spectrum Setting:
 - (1) Set RBW = 1% ~ 5% occupied bandwidth.
 - (2) Set the video bandwidth (VBW) ≥ 3 RBW.
 - (3) Detector = Peak.
 - (4) Trace mode = Max hold.
 - (5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

Test Mode

Please refer to the clause 2.3.

Test Results

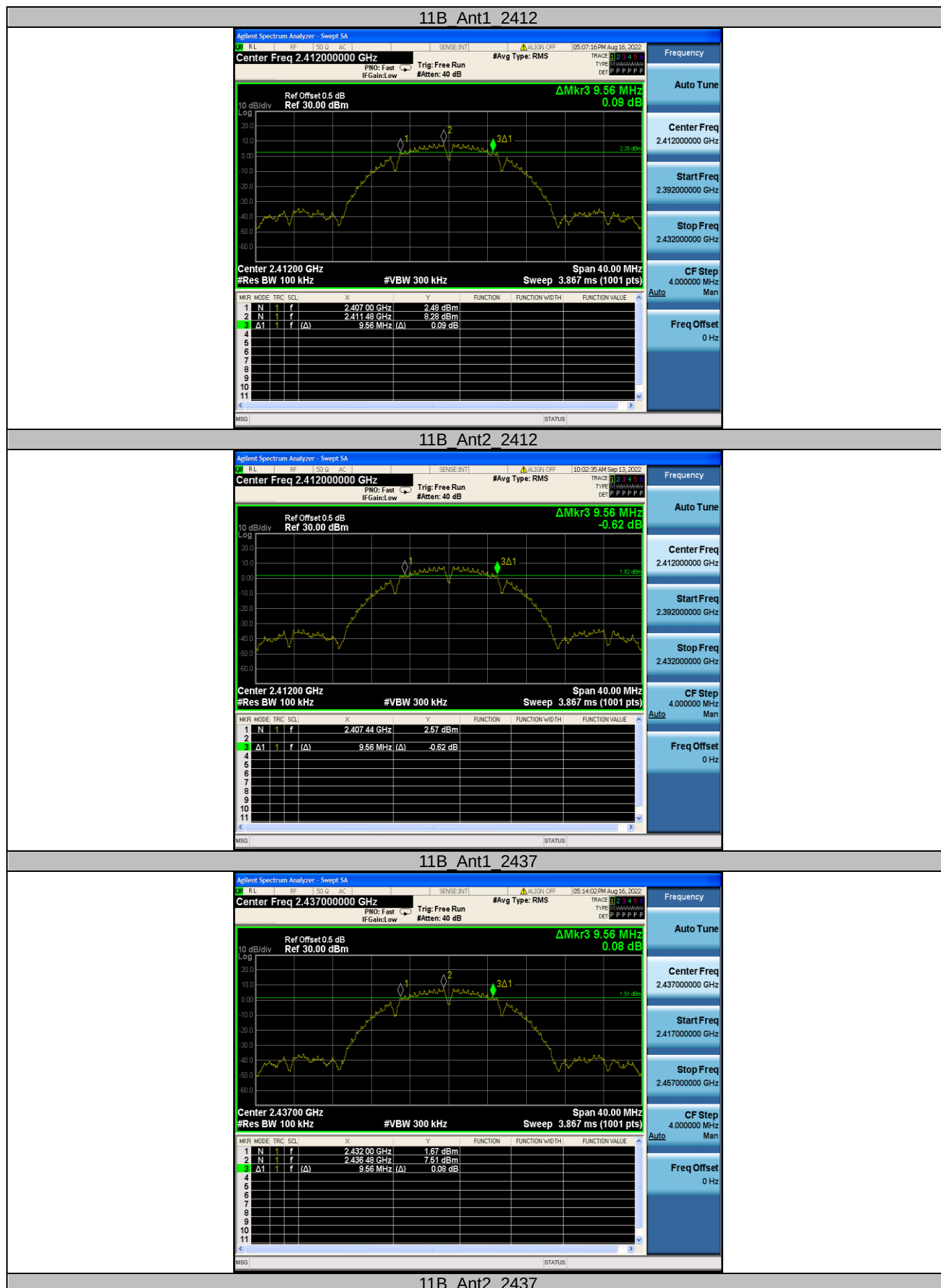


**DTS Bandwidth Test Result**

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.000	2416.560	0.5	PASS
	Ant2	2412	9.560	2407.440	2417.000	0.5	PASS
	Ant1	2437	9.560	2432.000	2441.560	0.5	PASS
	Ant2	2437	10.000	2432.000	2442.000	0.5	PASS
	Ant1	2462	9.080	2457.440	2466.520	0.5	PASS
	Ant2	2462	9.560	2457.000	2466.560	0.5	PASS
11G	Ant1	2412	15.120	2404.440	2419.560	0.5	PASS
	Ant2	2412	15.120	2404.440	2419.560	0.5	PASS
	Ant1	2437	15.080	2429.440	2444.520	0.5	PASS
	Ant2	2437	15.120	2429.440	2444.560	0.5	PASS
	Ant1	2462	15.120	2454.440	2469.560	0.5	PASS
	Ant2	2462	15.120	2454.440	2469.560	0.5	PASS
11N20MIMO	Ant1	2412	15.080	2404.440	2419.520	0.5	PASS
	Ant2	2412	16.240	2403.880	2420.120	0.5	PASS
	Ant1	2437	15.040	2429.480	2444.520	0.5	PASS
	Ant2	2437	16.280	2428.840	2445.120	0.5	PASS
	Ant1	2462	15.680	2453.840	2469.520	0.5	PASS
	Ant2	2462	15.040	2454.480	2469.520	0.5	PASS
11N40MIMO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
	Ant2	2422	33.840	2405.680	2439.520	0.5	PASS
	Ant1	2437	33.760	2420.680	2454.440	0.5	PASS
	Ant2	2437	35.040	2419.480	2454.520	0.5	PASS
	Ant1	2452	32.560	2435.680	2468.240	0.5	PASS
	Ant2	2452	35.040	2434.480	2469.520	0.5	PASS

Occupied Channel Bandwidth Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.187	2404.856	2419.043	---	PASS
	Ant2	2412	14.218	2404.897	2419.115	---	PASS
	Ant1	2437	14.195	2429.856	2444.051	---	PASS
	Ant2	2437	14.203	2429.895	2444.098	---	PASS
	Ant1	2462	14.201	2454.862	2469.063	---	PASS
	Ant2	2462	14.199	2454.871	2469.070	---	PASS
11G	Ant1	2412	16.667	2403.631	2420.298	---	PASS
	Ant2	2412	16.723	2403.588	2420.311	---	PASS
	Ant1	2437	16.667	2428.632	2445.299	---	PASS
	Ant2	2437	16.797	2428.580	2445.377	---	PASS
	Ant1	2462	16.696	2453.629	2470.325	---	PASS
	Ant2	2462	16.798	2453.511	2470.309	---	PASS
11N20MIMO	Ant1	2412	17.623	2403.125	2420.748	---	PASS
	Ant2	2412	17.526	2403.247	2420.773	---	PASS
	Ant1	2437	17.561	2428.152	2445.713	---	PASS
	Ant2	2437	17.516	2428.256	2445.772	---	PASS
	Ant1	2462	17.527	2453.235	2470.762	---	PASS
	Ant2	2462	17.522	2453.225	2470.747	---	PASS
11N40MIMO	Ant1	2422	36.026	2403.911	2439.937	---	PASS
	Ant2	2422	36.031	2404.021	2440.052	---	PASS
	Ant1	2437	36.088	2418.860	2454.948	---	PASS
	Ant2	2437	36.007	2419.004	2455.011	---	PASS
	Ant1	2452	36.167	2433.876	2470.043	---	PASS
	Ant2	2452	35.993	2434.034	2470.027	---	PASS

DTS Bandwidth Test Graphs

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