

Appendix Test Data

Report No.:	18220WC30273801	Test Sample No.:	1-2-2
Start Test Date:	2024.04.03	Finish Test Date:	2024.04.07
Test Engineer:	<i>Joker Wong</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.3°C	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.040	2408.480	2415.520	0.5	PASS
	Ant2	2412	7.080	2408.440	2415.520	0.5	PASS
	Ant1	2437	7.080	2433.440	2440.520	0.5	PASS
	Ant2	2437	7.520	2433.480	2441.000	0.5	PASS
	Ant1	2462	8.000	2458.000	2466.000	0.5	PASS
	Ant2	2462	7.080	2458.440	2465.520	0.5	PASS
11G	Ant1	2412	12.560	2406.920	2419.480	0.5	PASS
	Ant2	2412	15.040	2404.440	2419.480	0.5	PASS
	Ant1	2437	14.080	2429.440	2443.520	0.5	PASS
	Ant2	2437	15.560	2429.080	2444.640	0.5	PASS
	Ant1	2462	14.440	2455.080	2469.520	0.5	PASS
	Ant2	2462	12.880	2455.400	2468.280	0.5	PASS
11N20SISO	Ant1	2412	15.040	2404.440	2419.480	0.5	PASS
	Ant2	2412	13.880	2405.680	2419.560	0.5	PASS
	Ant1	2437	13.800	2430.680	2444.480	0.5	PASS
	Ant2	2437	15.000	2429.440	2444.440	0.5	PASS
	Ant1	2462	15.960	2453.600	2469.560	0.5	PASS
	Ant2	2462	13.320	2454.560	2467.880	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
	Ant2	2422	33.840	2405.680	2439.520	0.5	PASS
	Ant1	2437	35.040	2419.480	2454.520	0.5	PASS
	Ant2	2437	35.120	2419.400	2454.520	0.5	PASS
	Ant1	2452	32.560	2434.480	2467.040	0.5	PASS
	Ant2	2452	35.040	2434.480	2469.520	0.5	PASS

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11AX20SISO	Ant1	2412	17.800	2403.440	2421.240	0.5	PASS
	Ant2	2412	15.760	2404.360	2420.120	0.5	PASS
	Ant1	2437	17.560	2428.520	2446.080	0.5	PASS
	Ant2	2437	17.240	2428.640	2445.880	0.5	PASS
	Ant1	2462	17.320	2452.680	2470.000	0.5	PASS
	Ant2	2462	18.640	2452.520	2471.160	0.5	PASS
11AX40SISO	Ant1	2422	36.240	2403.440	2439.680	0.5	PASS
	Ant2	2422	36.080	2404.400	2440.480	0.5	PASS
	Ant1	2437	36.000	2418.200	2454.200	0.5	PASS
	Ant2	2437	36.880	2418.360	2455.240	0.5	PASS
	Ant1	2452	36.160	2433.280	2469.440	0.5	PASS
	Ant2	2452	36.080	2433.440	2469.520	0.5	PASS

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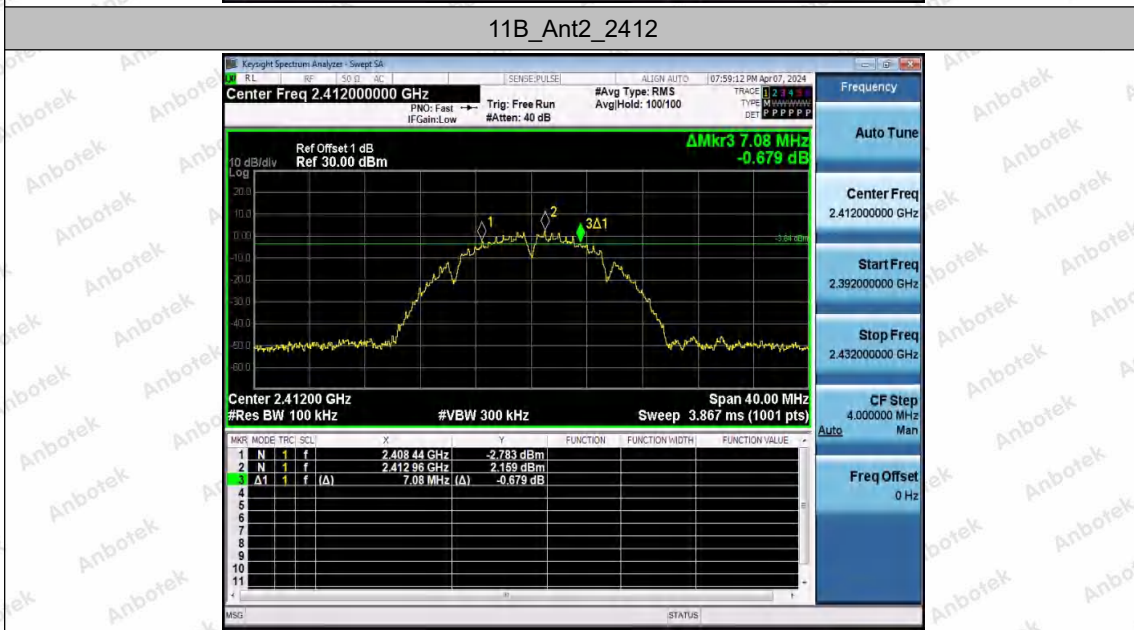
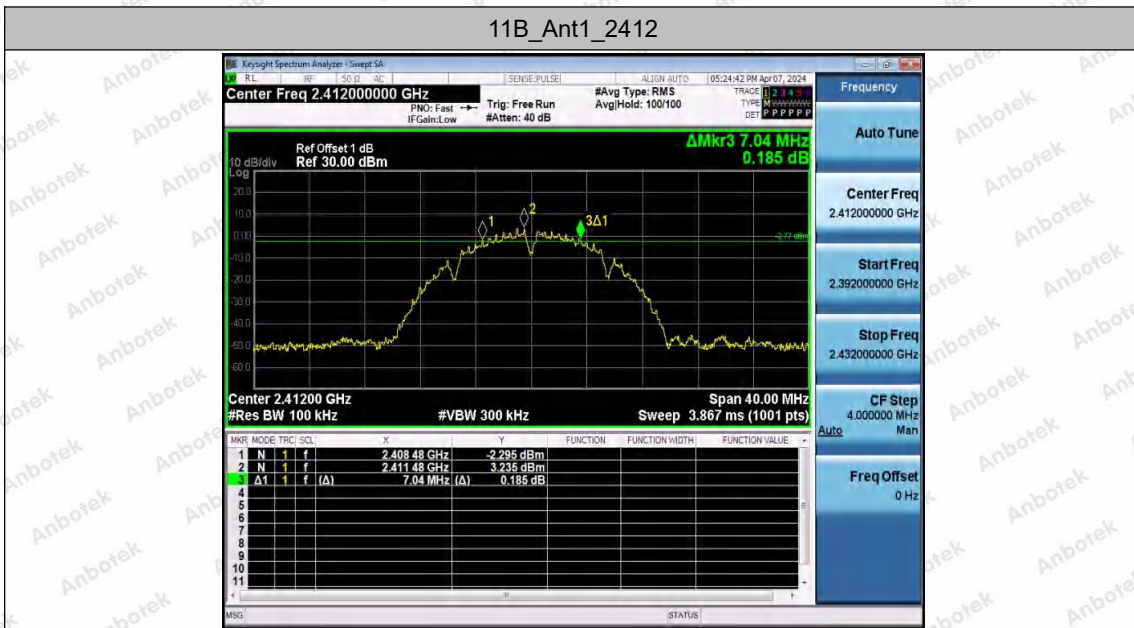
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Test Graphs



11B_Ant1_2437





11B_Ant2_2437



11B_Ant1_2462



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11B_Ant2_2462



11G_Ant1_2412



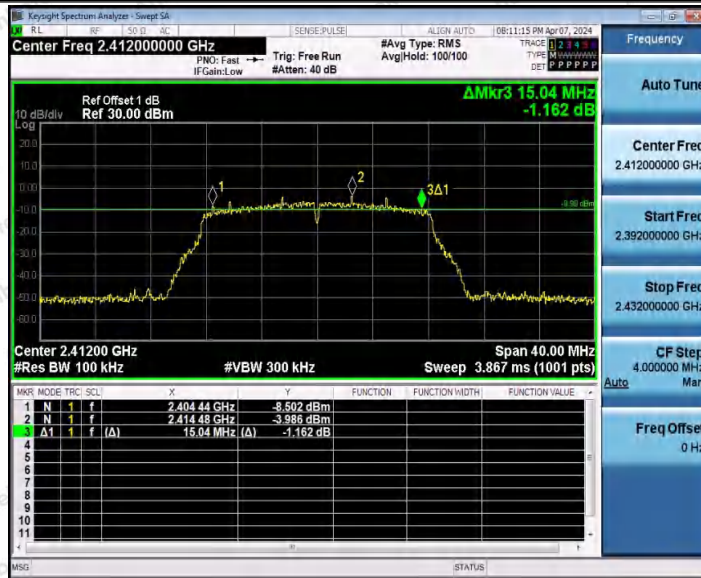
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11G_Ant1_2437



11G_Ant2_2437

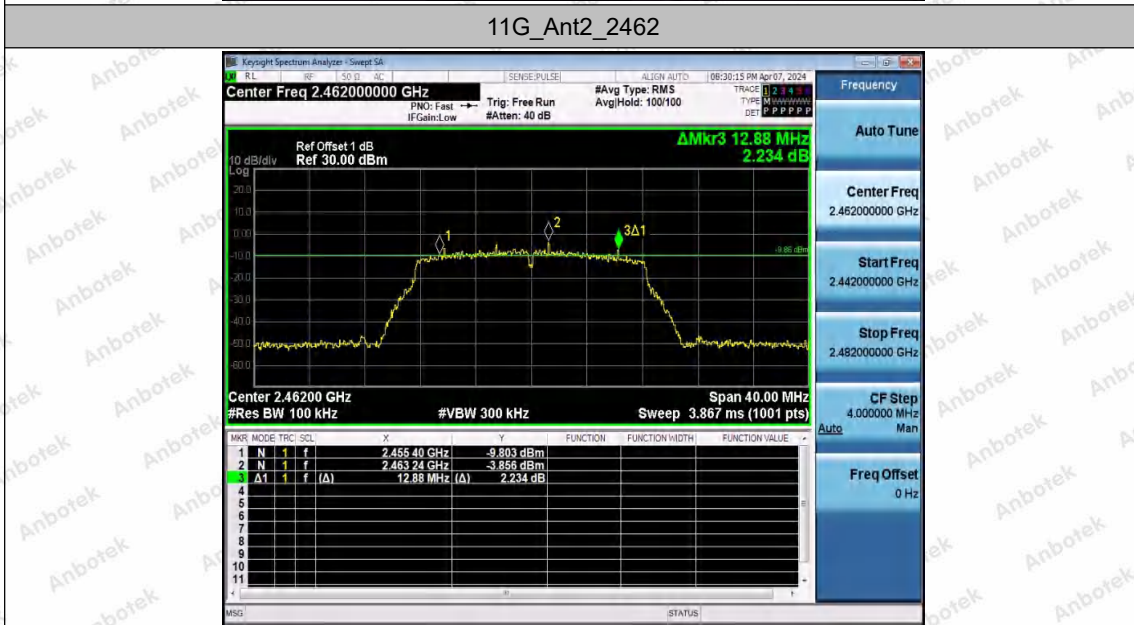
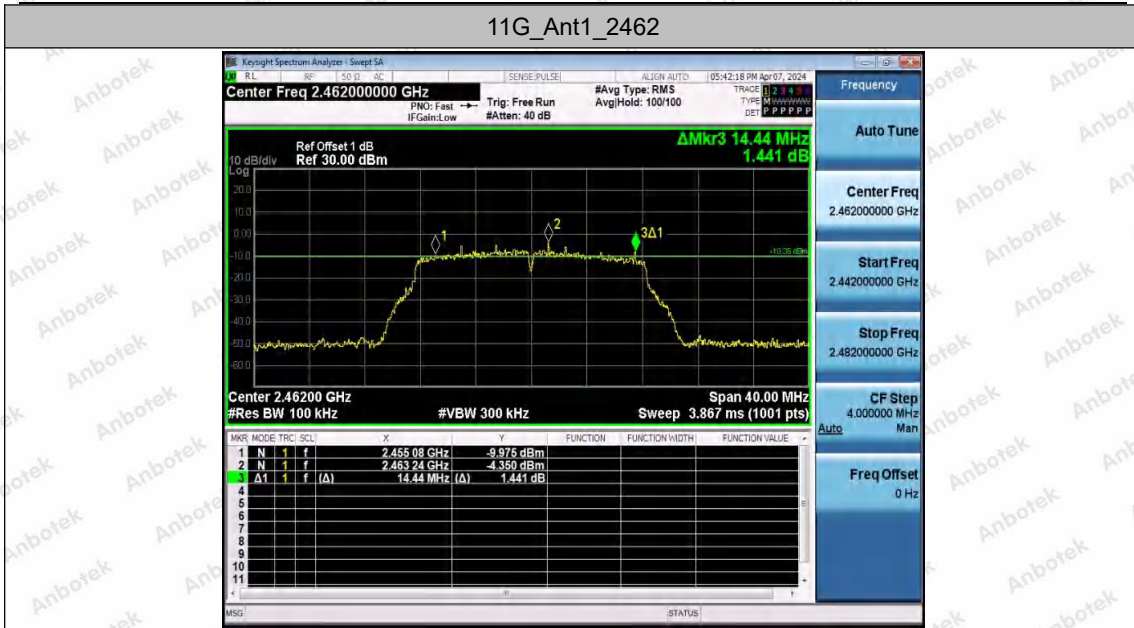


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11N20SISO_Ant1_2412

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11N20SISO_Ant2_2412



11N20SISO_Ant1_2437



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11N20SISO_Ant2_2437



11N20SISO_Ant1_2462



11N20SISO_Ant2_2462

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11N40SISO_Ant1_2422



11N40SISO_Ant2_2422



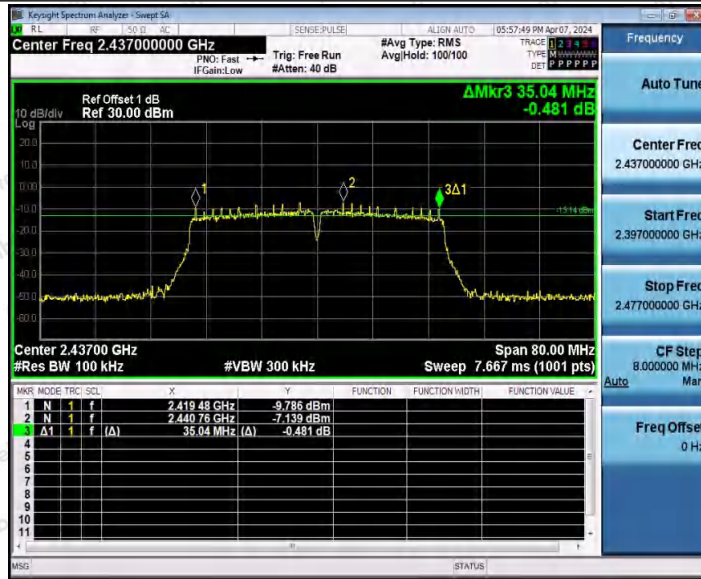
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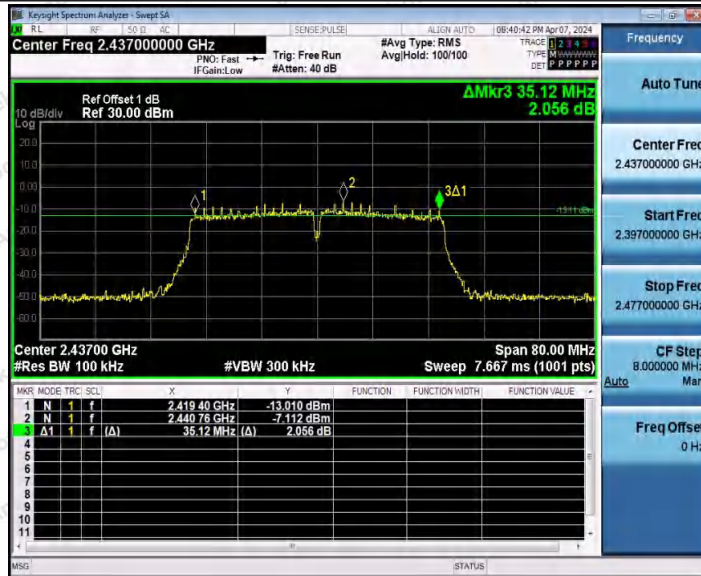
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11N40SISO_Ant1_2437



11N40SISO_Ant2_2437



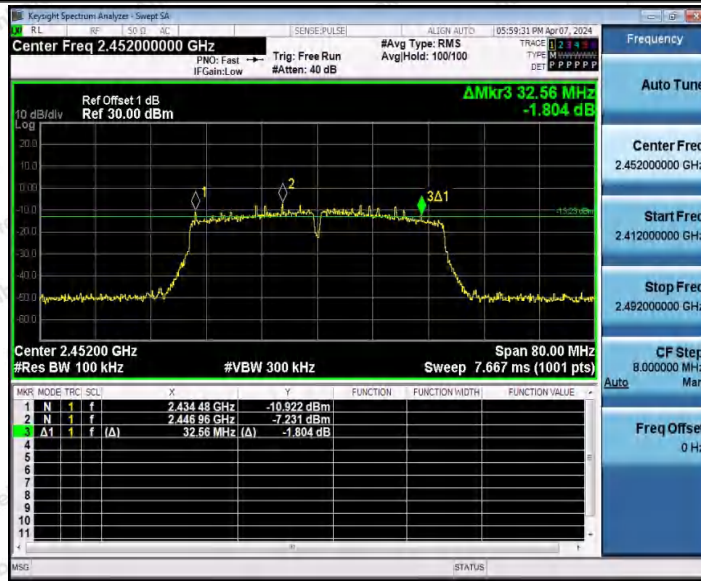
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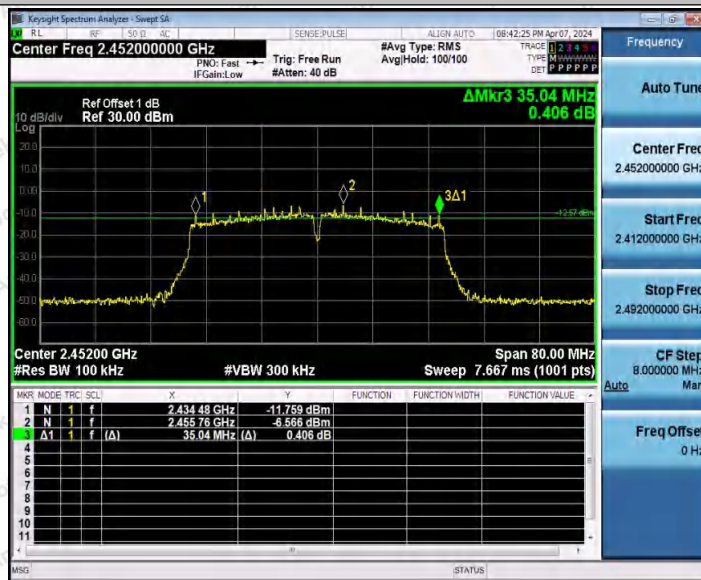
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11N40SISO_Ant2_2452



11AX20SISO_Ant1_2412



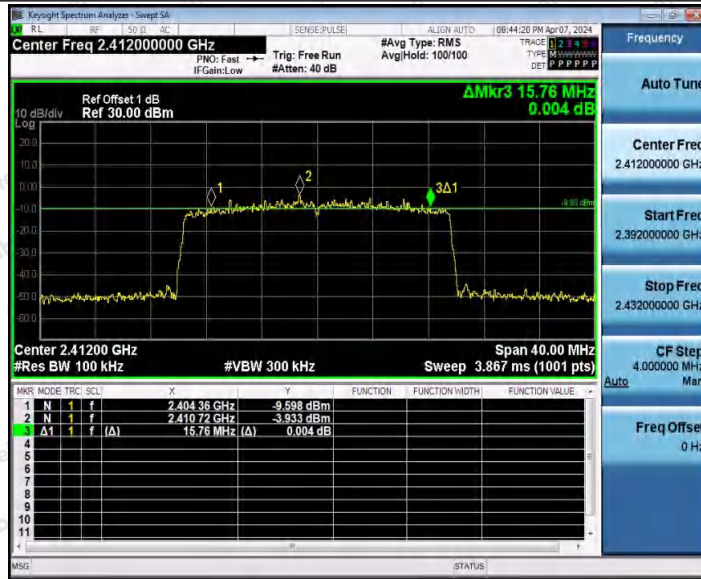
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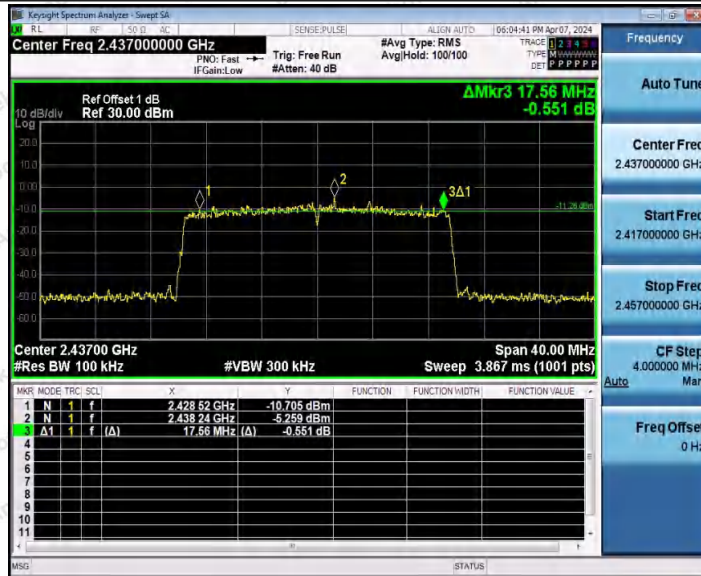
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11AX20SISO_Ant2_2412



11AX20SISO_Ant1_2437



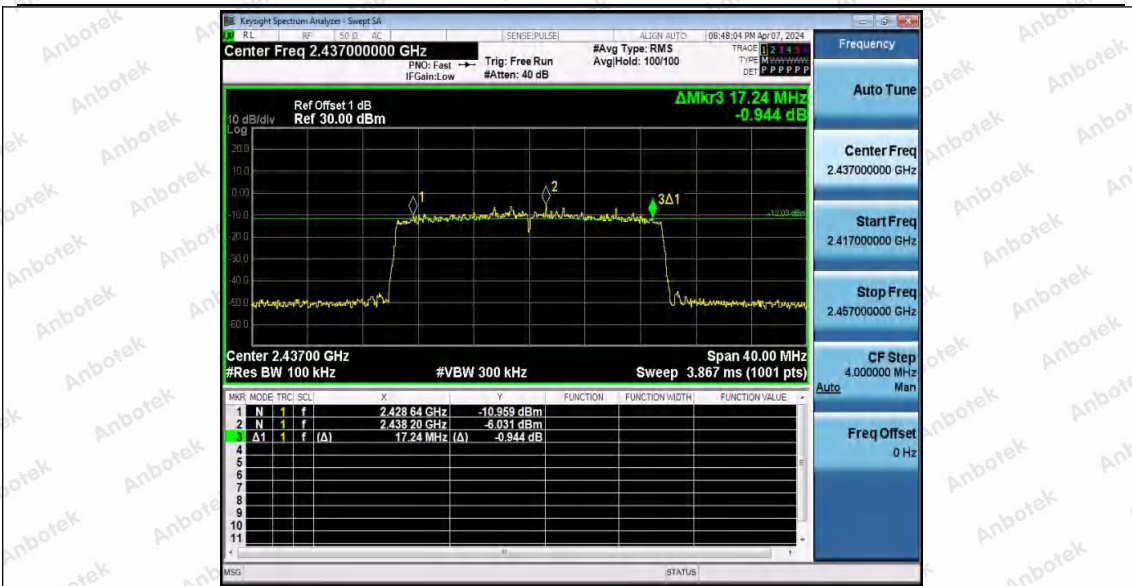
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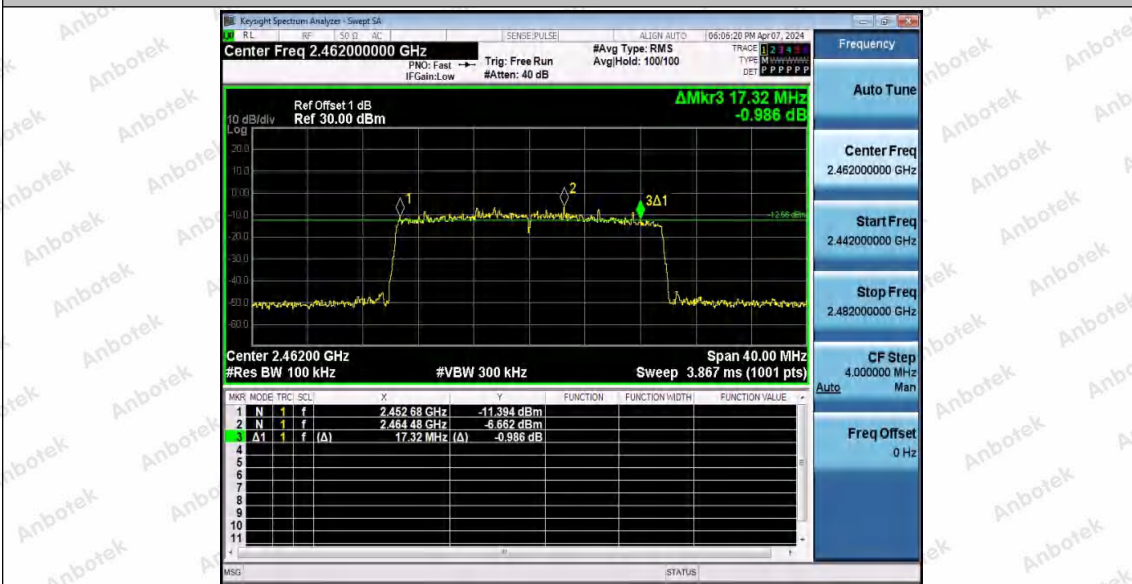
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11AX20SISO_Ant1_2462



11AX20SISO_Ant2_2462



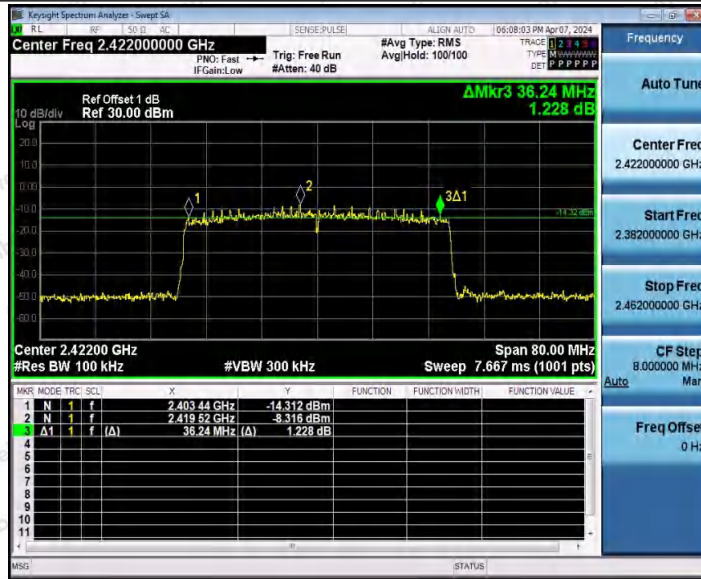
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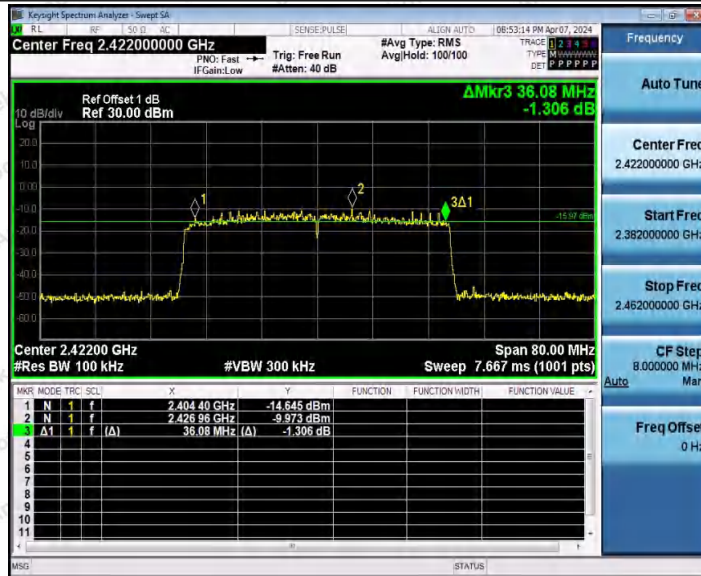
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11AX40SISO_Ant1_2422



11AX40SISO_Ant2_2422



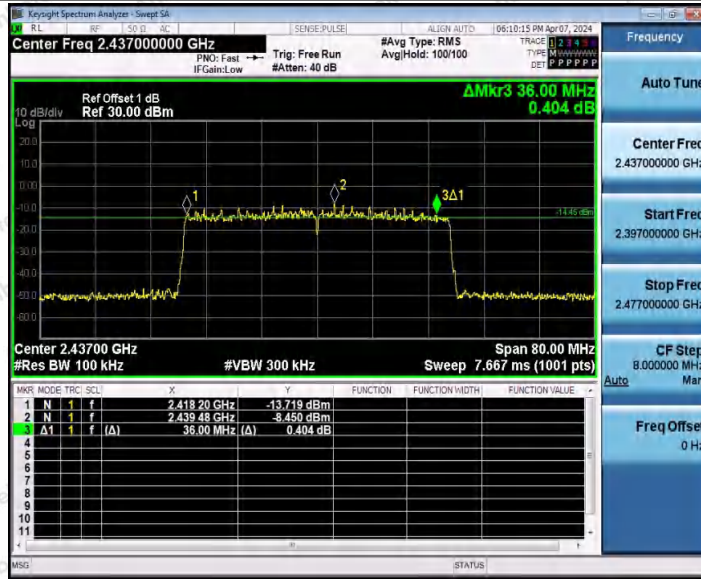
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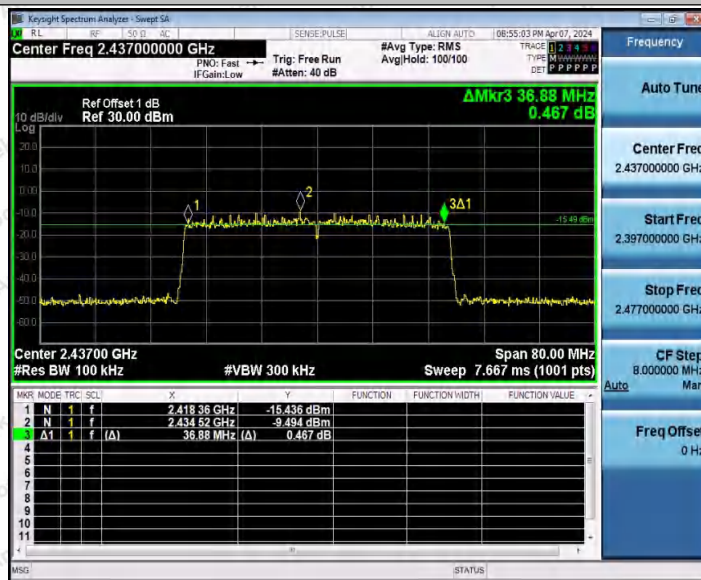
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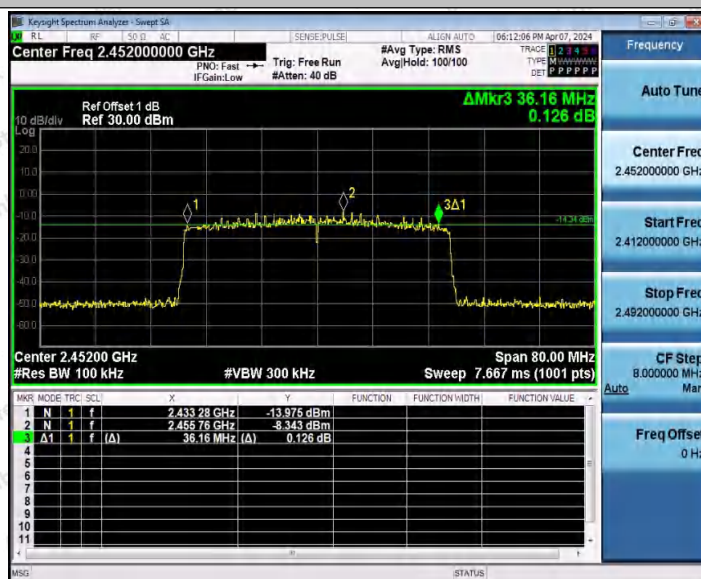




11AX40SISO_Ant2_2437



11AX40SISO_Ant1_2452

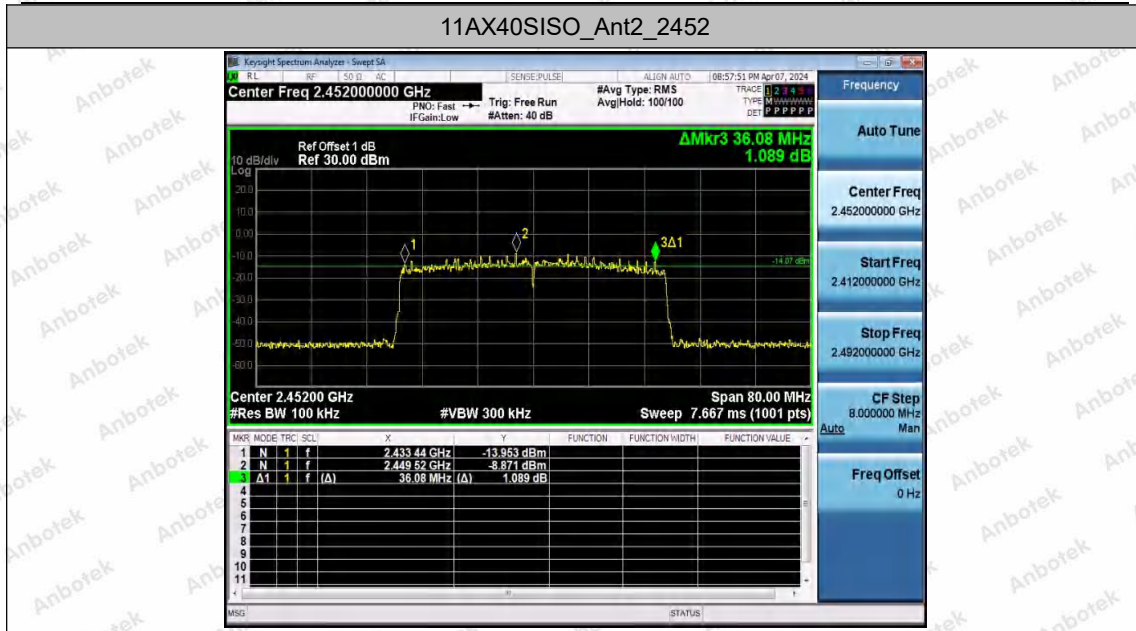


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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.247	2405.9756	2418.2226	---	---
	Ant2	2412	12.293	2405.9443	2418.2373	---	---
	Ant1	2437	12.641	2430.7121	2443.3531	---	---
	Ant2	2437	12.714	2430.6735	2443.3875	---	---
	Ant1	2462	12.549	2455.6241	2468.1731	---	---
	Ant2	2462	12.592	2455.6071	2468.1991	---	---
11G	Ant1	2412	16.664	2403.7681	2420.4321	---	---
	Ant2	2412	16.595	2403.7971	2420.3921	---	---
	Ant1	2437	16.817	2428.5908	2445.4078	---	---
	Ant2	2437	16.744	2428.6228	2445.3668	---	---
	Ant1	2462	16.727	2453.6232	2470.3502	---	---
	Ant2	2462	16.659	2453.6583	2470.3173	---	---
11N20SISO	Ant1	2412	17.663	2403.2510	2420.9140	---	---
	Ant2	2412	17.582	2403.2534	2420.8354	---	---
	Ant1	2437	17.739	2428.1515	2445.8905	---	---
	Ant2	2437	17.736	2428.1424	2445.8784	---	---
	Ant1	2462	17.653	2453.1314	2470.7844	---	---
	Ant2	2462	17.659	2453.1440	2470.8030	---	---
11N40SISO	Ant1	2422	35.966	2404.1423	2440.1083	---	---
	Ant2	2422	36.020	2404.1209	2440.1409	---	---
	Ant1	2437	36.286	2418.8557	2455.1417	---	---
	Ant2	2437	36.288	2418.8951	2455.1831	---	---
	Ant1	2452	35.897	2434.0665	2469.9635	---	---
	Ant2	2452	35.903	2434.0499	2469.9529	---	---
11AX20SISO	Ant1	2412	18.777	2402.6526	2421.4296	---	---
	Ant2	2412	18.774	2402.6495	2421.4235	---	---
	Ant1	2437	18.811	2427.6261	2446.4371	---	---
	Ant2	2437	18.887	2427.5803	2446.4673	---	---
	Ant1	2462	18.818	2452.5455	2471.3635	---	---
	Ant2	2462	18.804	2452.5700	2471.3740	---	---
11AX40SISO	Ant1	2422	37.627	2403.2897	2440.9167	---	---
	Ant2	2422	37.589	2403.3178	2440.9068	---	---
	Ant1	2437	37.760	2418.1118	2455.8718	---	---
	Ant2	2437	37.743	2418.1308	2455.8738	---	---
	Ant1	2452	37.518	2433.2676	2470.7856	---	---
	Ant2	2452	37.515	2433.2420	2470.7570	---	---

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Test Graphs

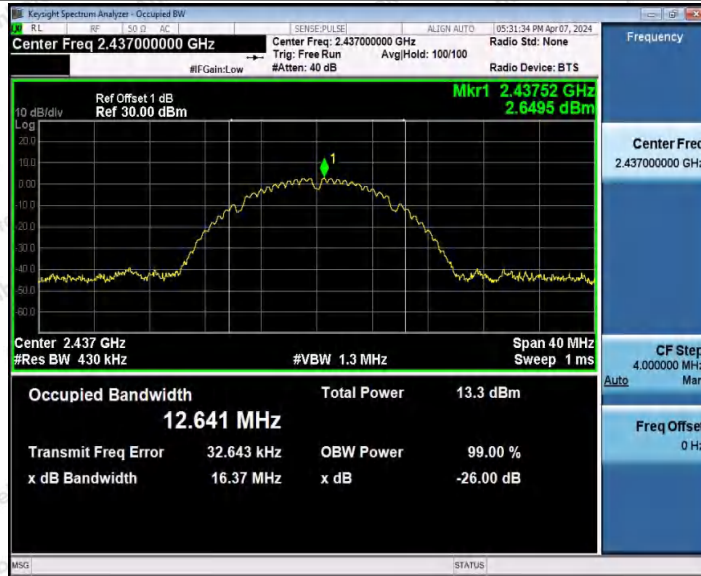


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11B_Ant2_2437



11B_Ant1_2462



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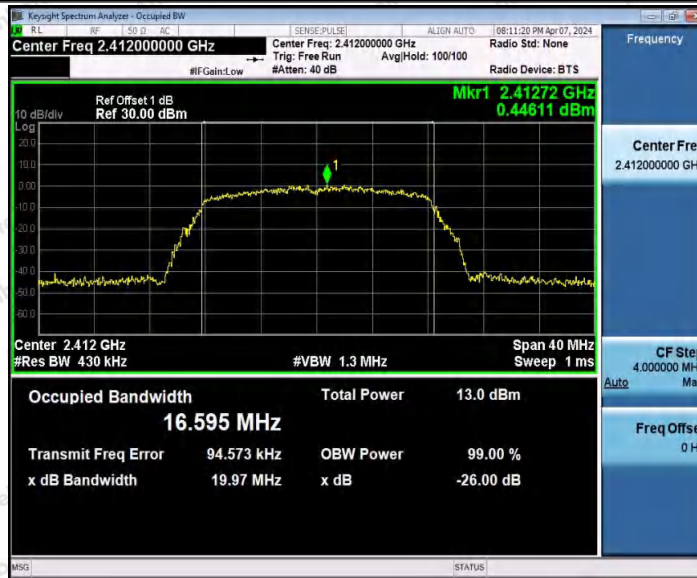
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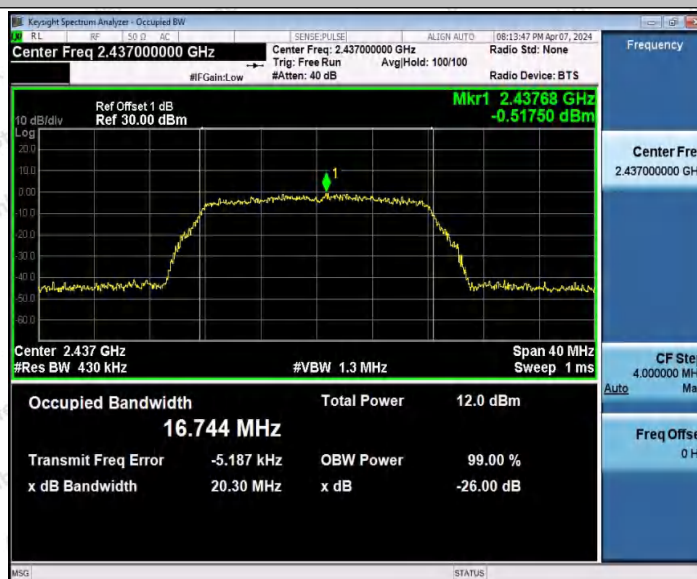




11G_Ant1_2437



11G_Ant2_2437



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11N20SISO_Ant1_2412

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11N20SISO_Ant2_2412



11N20SISO_Ant1_2437



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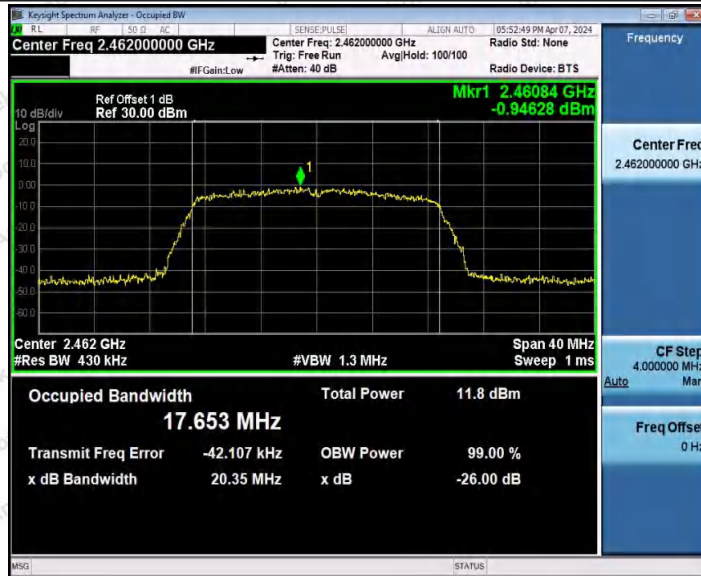
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11N20SISO_Ant2_2437



11N20SISO_Ant1_2462



11N20SISO_Ant2_2462

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11N40SISO_Ant1_2422



11N40SISO_Ant2_2422



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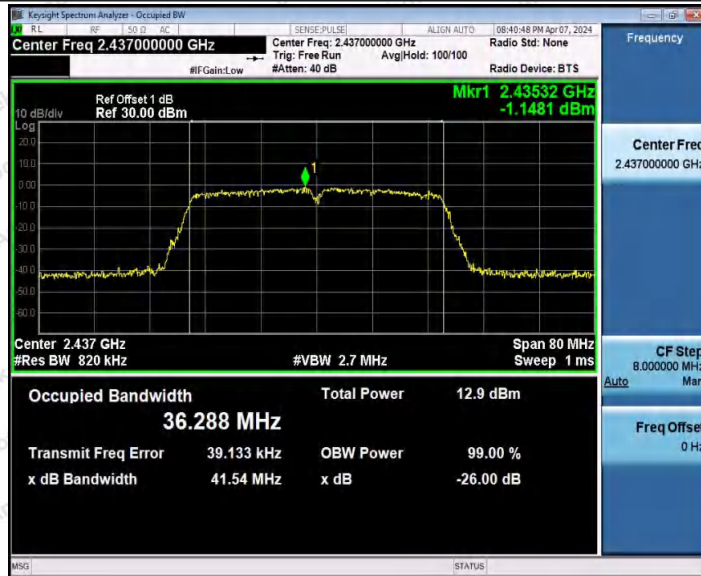
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11N40SISO_Ant1_2437



11N40SISO_Ant2_2437



11N40SISO_Ant1_2452

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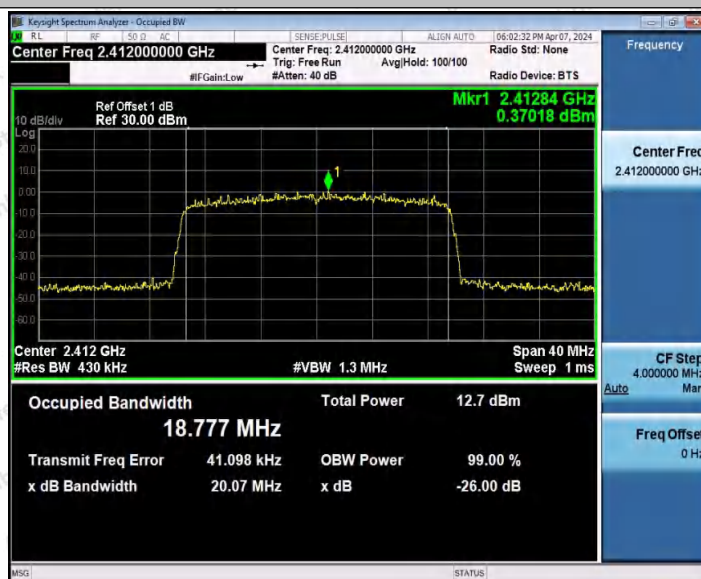




11N40SISO_Ant2_2452



11AX20SISO_Ant1_2412



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11AX20SISO_Ant2_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant2_2437

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11AX20SISO_Ant1_2462



11AX20SISO_Ant2_2462



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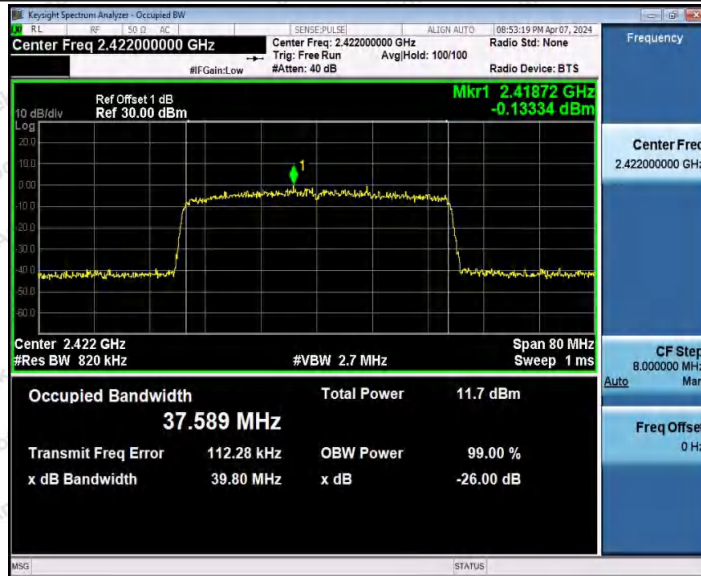
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11AX40SISO_Ant1_2422



11AX40SISO_Ant2_2422



11AX40SISO_Ant1_2437

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11AX40SISO_Ant2_2437



11AX40SISO_Ant1_2452



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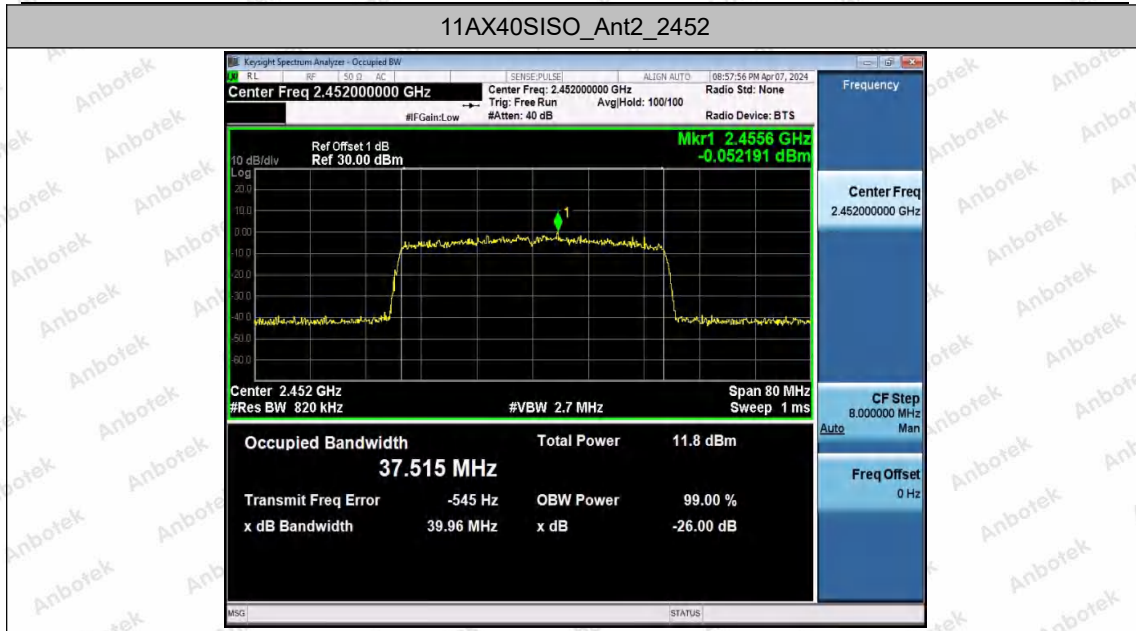


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Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequenc y[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	12.50	94.26	0.26	12.76	≤30.0 0	PASS
	Ant2	2412	11.62	94.05	0.27	11.89	≤30.0 0	PASS
	Ant1	2437	11.79	94.26	0.26	12.05	≤30.0 0	PASS
	Ant2	2437	10.82	94.16	0.26	11.08	≤30.0 0	PASS
	Ant1	2462	11.42	94.79	0.23	11.65	≤30.0 0	PASS
	Ant2	2462	10.53	94.16	0.26	10.79	≤30.0 0	PASS
11G	Ant1	2412	11.11	72.02	1.43	12.54	≤30.0 0	PASS
	Ant2	2412	11.42	72.16	1.42	12.84	≤30.0 0	PASS
	Ant1	2437	10.56	72.02	1.43	11.99	≤30.0 0	PASS
	Ant2	2437	10.52	73.94	1.31	11.83	≤30.0 0	PASS
	Ant1	2462	10.04	72.16	1.42	11.46	≤30.0 0	PASS
	Ant2	2462	10.32	72.40	1.40	11.72	≤30.0 0	PASS
11N20SI SO	Ant1	2412	10.99	70.27	1.53	12.52	≤30.0 0	PASS
	Ant2	2412	11.26	70.49	1.52	12.78	≤30.0 0	PASS
	Ant1	2437	10.27	70.65	1.51	11.78	≤30.0 0	PASS
	Ant2	2437	10.32	71.43	1.46	11.78	≤30.0 0	PASS
	Ant1	2462	10.10	69.52	1.58	11.68	≤30.0 0	PASS
	Ant2	2462	10.12	71.43	1.46	11.58	≤30.0 0	PASS

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11N40SI SO	Ant1	2422	10.26	54.62	2.63	12.89	≤30.0 0	PASS
	Ant2	2422	10.36	59.09	2.28	12.64	≤30.0 0	PASS
	Ant1	2437	10.34	54.62	2.63	12.97	≤30.0 0	PASS
	Ant2	2437	10.45	54.24	2.66	13.11	≤30.0 0	PASS
	Ant1	2452	10.35	55.08	2.59	12.94	≤30.0 0	PASS
	Ant2	2452	10.47	54.24	2.66	13.13	≤30.0 0	PASS
11AX20S ISO	Ant1	2412	10.97	65.16	1.86	12.83	≤30.0 0	PASS
	Ant2	2412	10.93	65.38	1.85	12.78	≤30.0 0	PASS
	Ant1	2437	10.20	65.16	1.86	12.06	≤30.0 0	PASS
	Ant2	2437	10.25	65.16	1.86	12.11	≤30.0 0	PASS
	Ant1	2462	9.99	65.38	1.85	11.84	≤30.0 0	PASS
	Ant2	2462	10.06	65.38	1.85	11.91	≤30.0 0	PASS
11AX40S ISO	Ant1	2422	10.10	49.53	3.05	13.15	≤30.0 0	PASS
	Ant2	2422	9.18	49.53	3.05	12.23	≤30.0 0	PASS
	Ant1	2437	10.24	50.00	3.01	13.25	≤30.0 0	PASS
	Ant2	2437	9.33	50.47	2.97	12.30	≤30.0 0	PASS
	Ant1	2452	10.19	49.53	3.05	13.24	≤30.0 0	PASS
	Ant2	2452	9.31	49.53	3.05	12.36	≤30.0 0	PASS

Note: The Duty Cycle Factor($10 \cdot \log(1/D)$) and cable loss are compensated in the graph.

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MIMO

TestMode	Frequency[MHz]	Average Output Power[dBm]	Conducted Limit[dBm]
11N20MIMO	2412	15.66	29.52
	2437	14.79	29.52
	2462	14.64	29.52
11N40MIMO	2422	15.78	29.52
	2437	16.05	29.52
	2452	16.05	29.52
11AX20MIMO	2412	15.82	29.52
	2437	15.10	29.52
	2462	14.89	29.52
11AX40MIMO	2422	15.72	29.52
	2437	15.81	29.52
	2452	15.83	29.52

1. As Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$ dBi = $10 \log[(10^{3.67/20} + 10^{3.67/20})^2 / 2]$ dBi = 6.48 > 6dBi,

so limit = $30 - (6.48 - 6.00) = 29.52$ dBm.

2. NOTE: MIMO = $10 * \text{LOG}((10^{ANT1/10}) + 10^{(ANT2/10)})$

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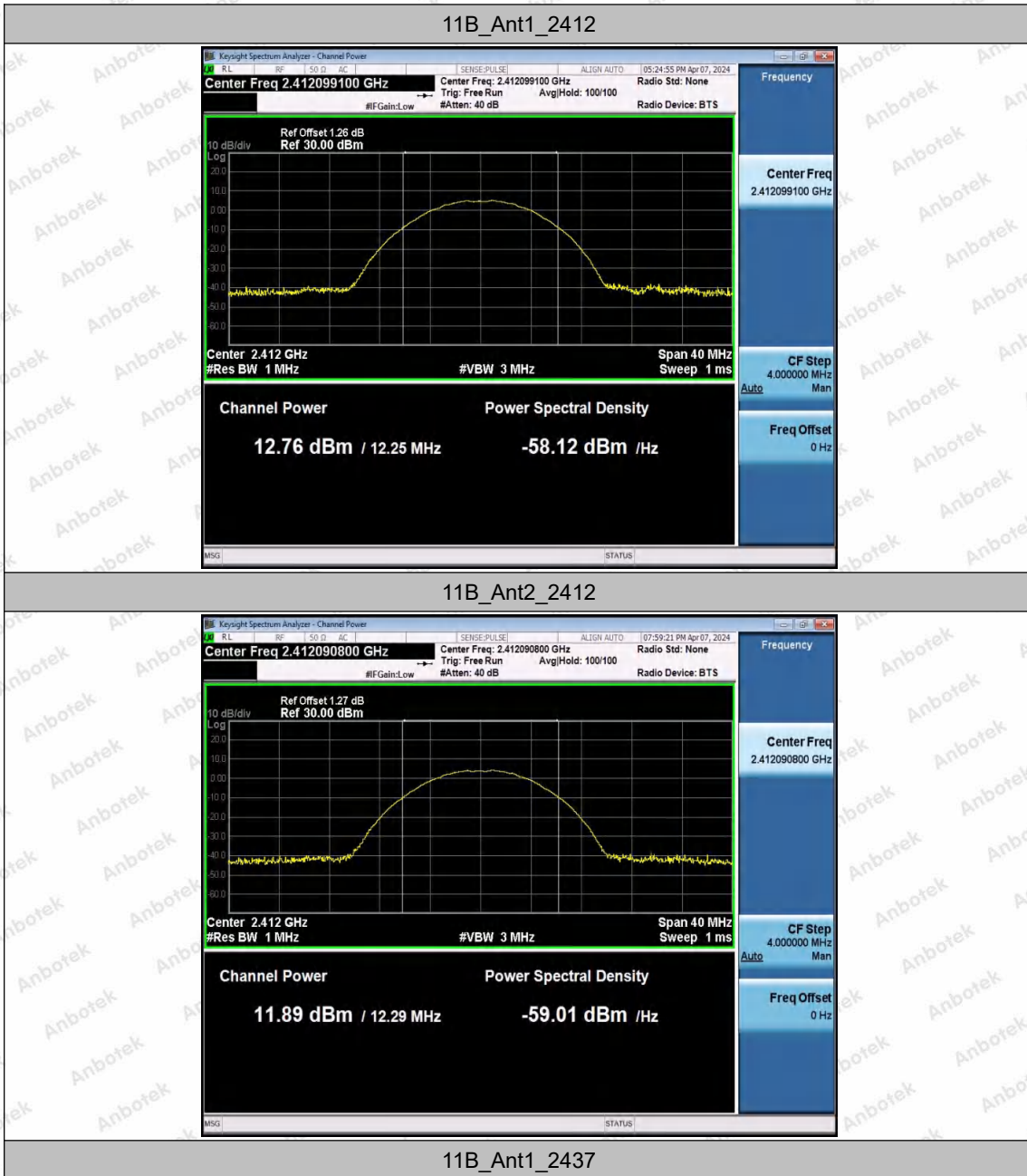
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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Test Graphs



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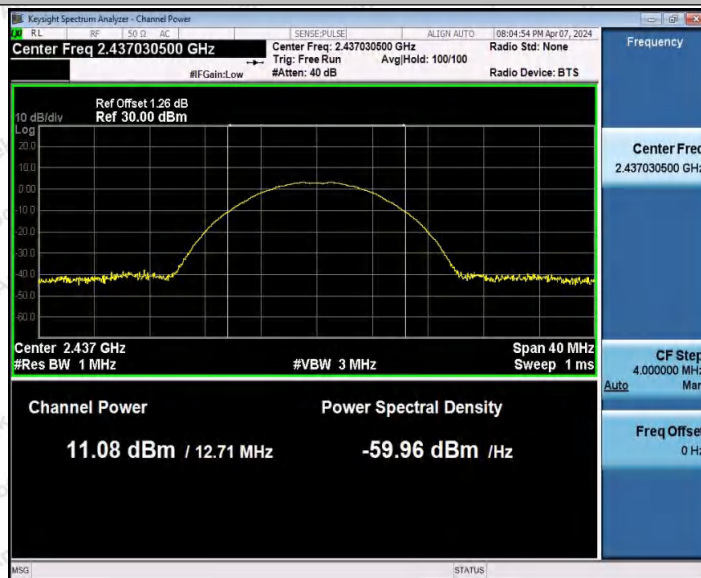
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11B_Ant2_2437



11B_Ant1_2462



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11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412

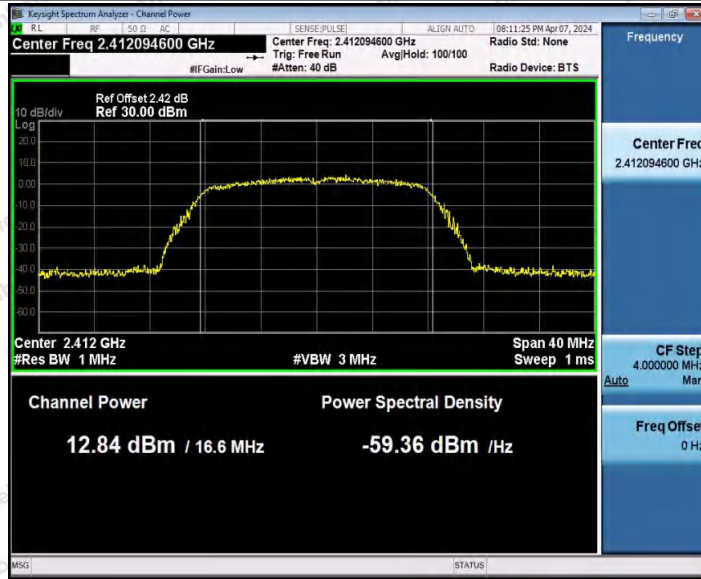
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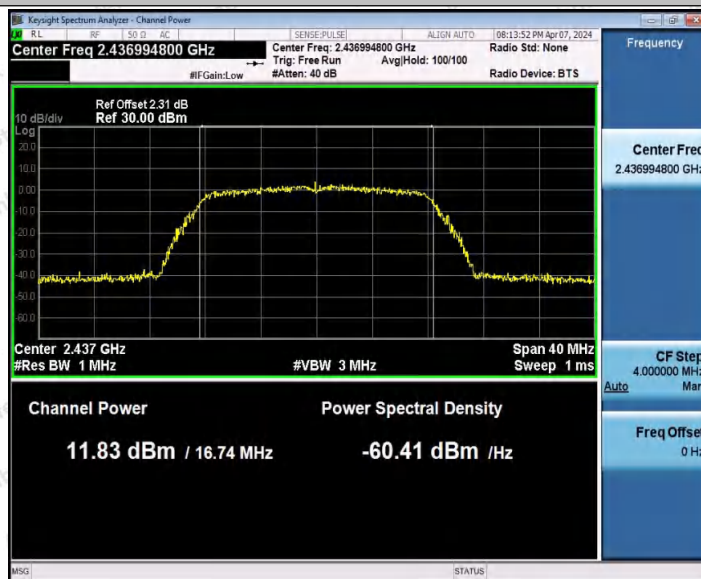




11G_Ant1_2437



11G_Ant2_2437



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11G_Ant1_2462



11G_Ant2_2462



11N20SISO_Ant1_2412

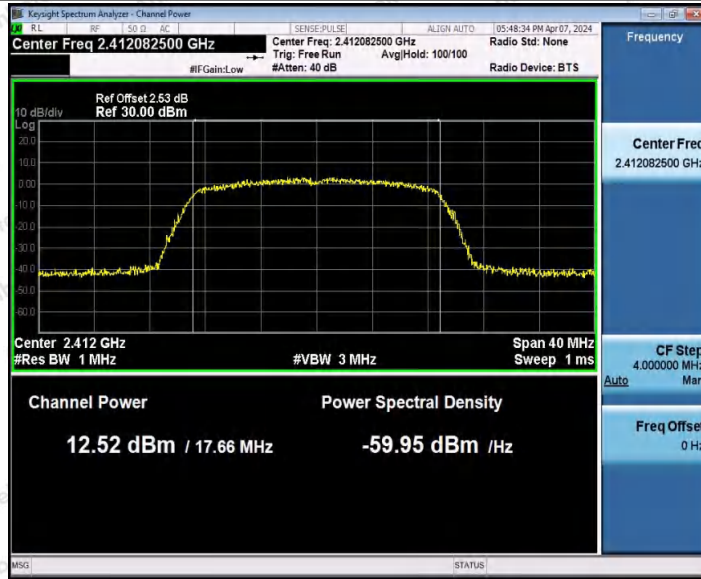
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

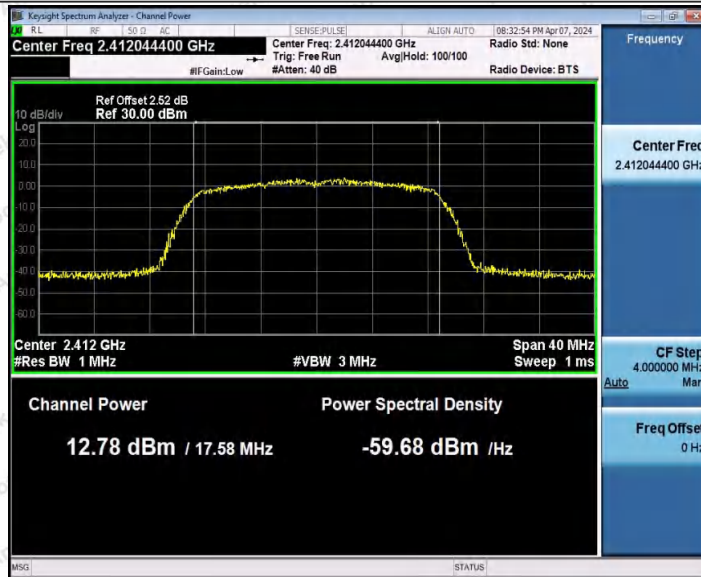


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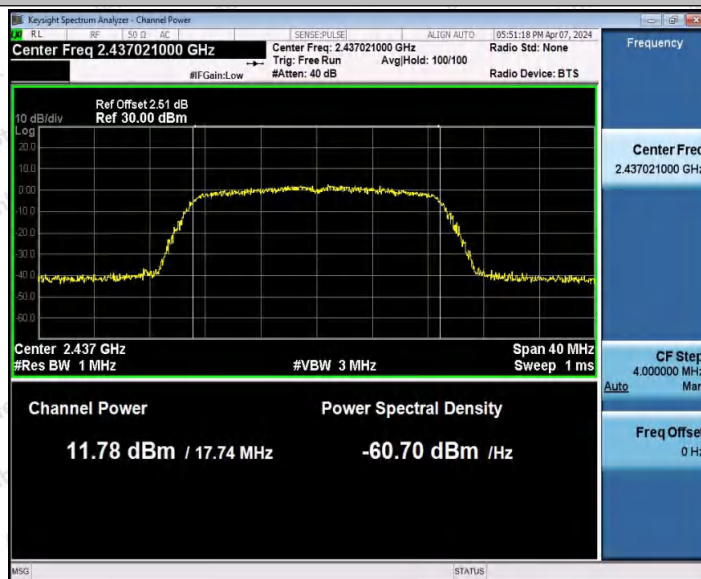




11N20SISO_Ant2_2412



11N20SISO_Ant1_2437



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11N20SISO_Ant2_2437



11N20SISO_Ant1_2462



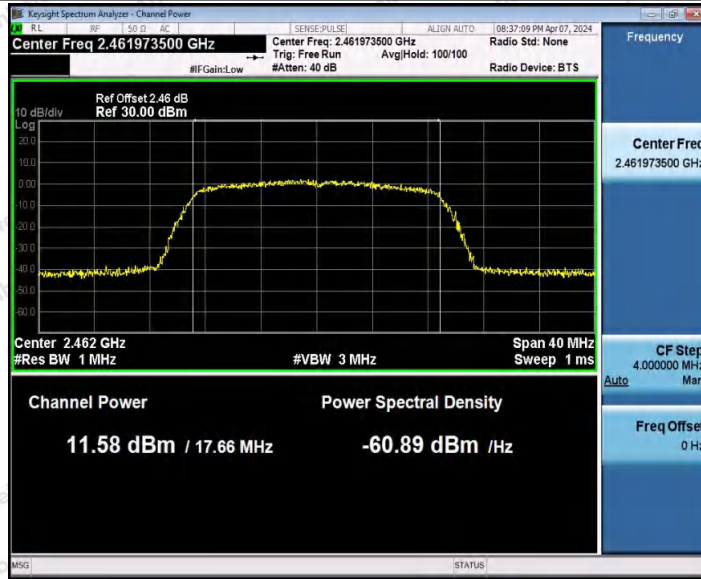
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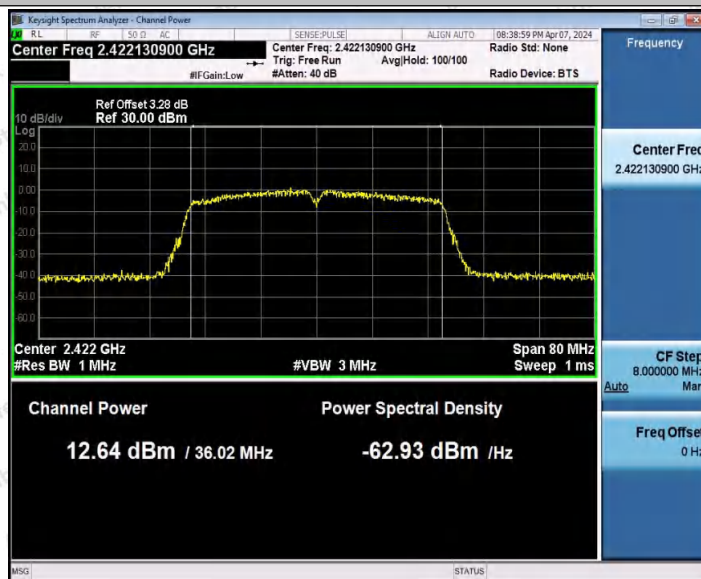




11N40SISO_Ant1_2422



11N40SISO_Ant2_2422



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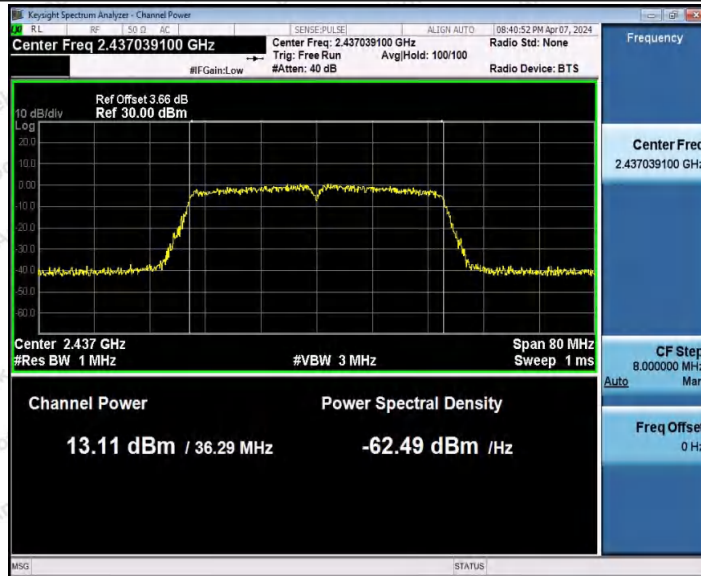
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11N40SISO_Ant1_2437



11N40SISO_Ant2_2437



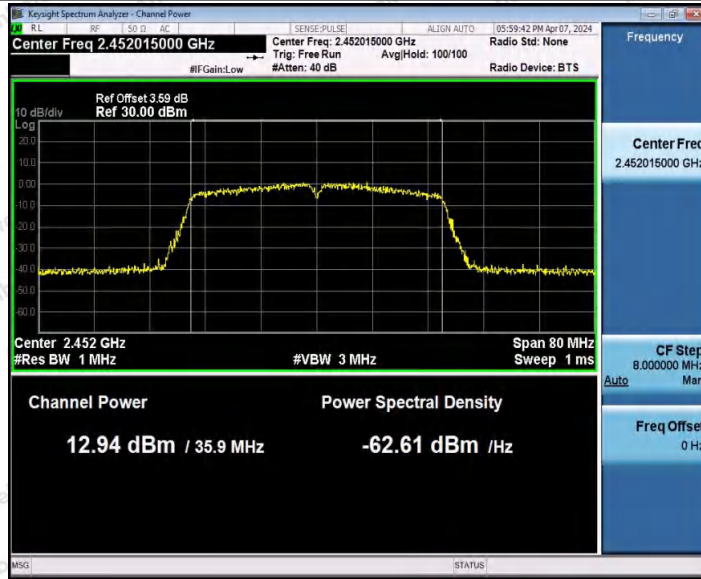
11N40SISO_Ant1_2452

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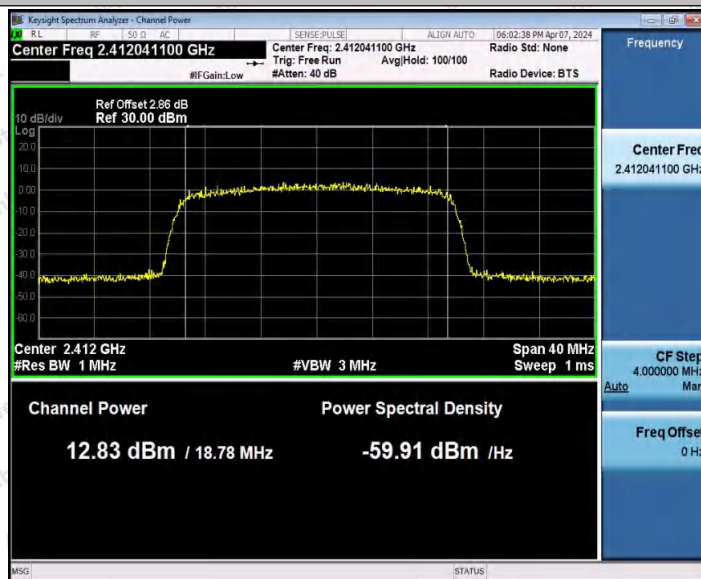




11N40SISO_Ant2_2452



11AX20SISO_Ant1_2412



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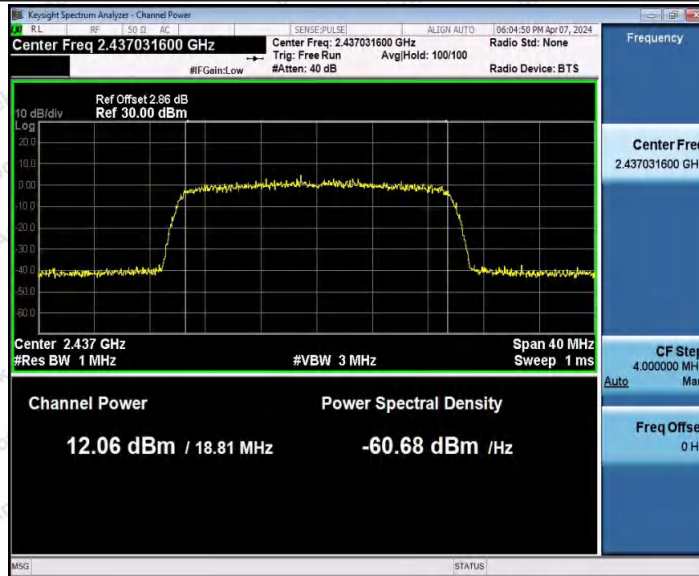
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11AX20SISO_Ant2_2412



11AX20SISO_Ant1_2437



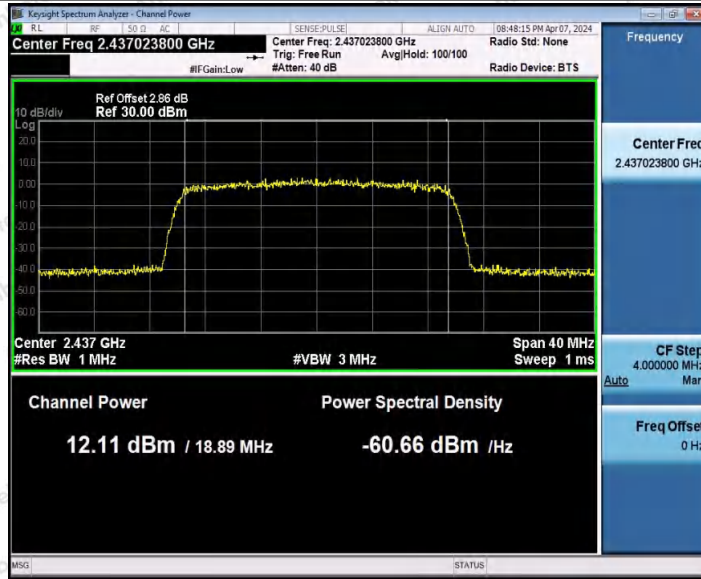
11AX20SISO_Ant2_2437

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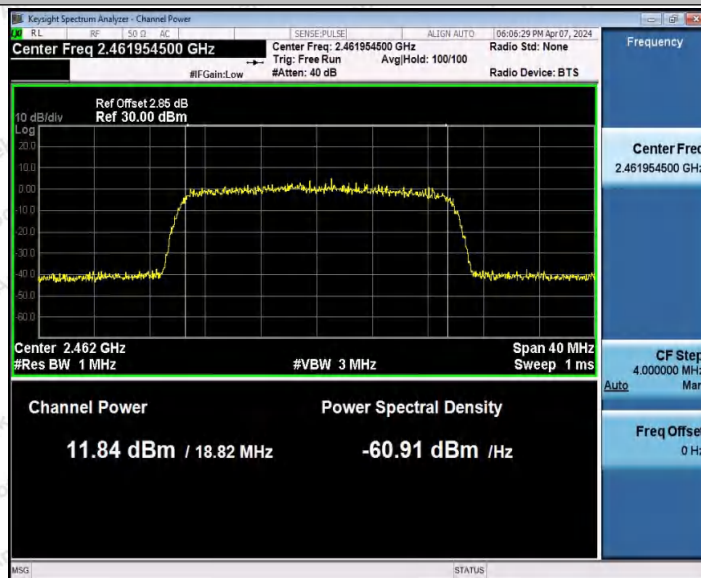
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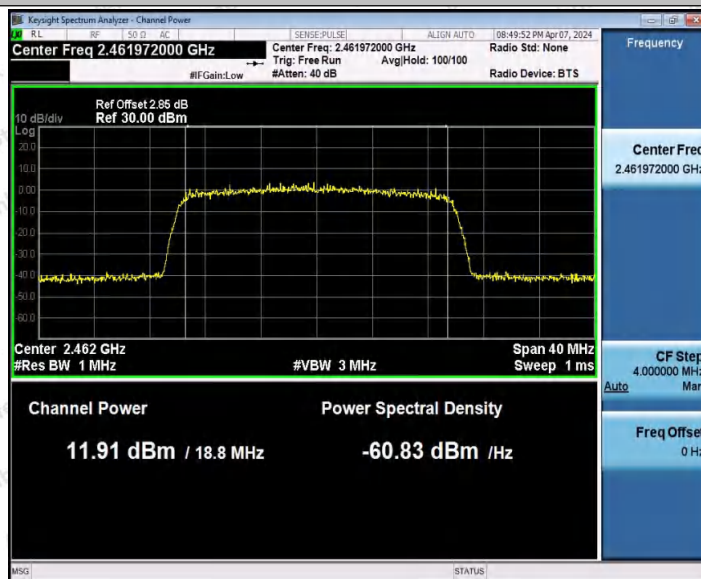




11AX20SISO_Ant1_2462



11AX20SISO_Ant2_2462



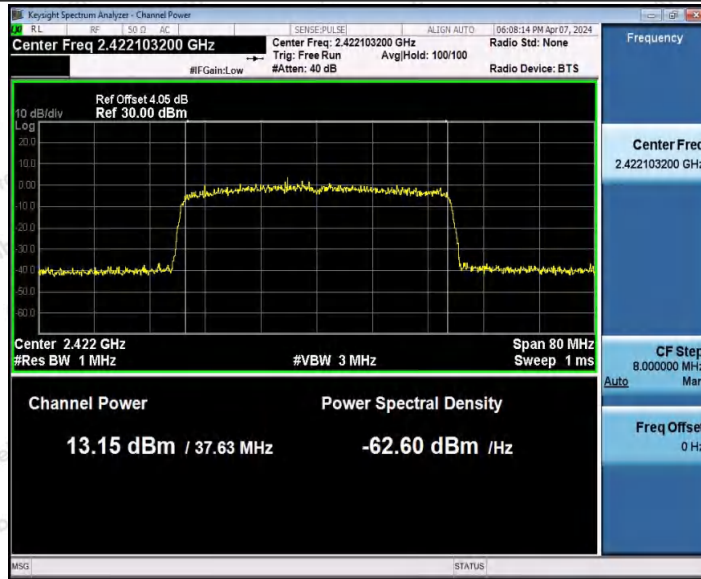
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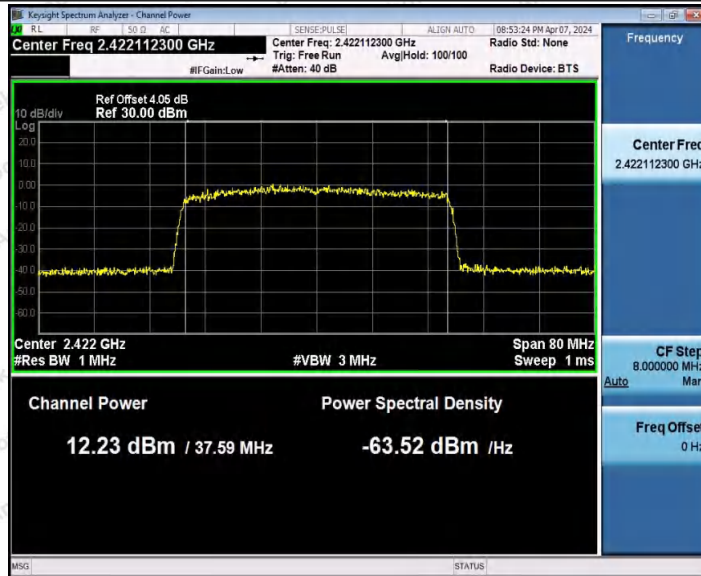
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11AX40SISO_Ant1_2422



11AX40SISO_Ant2_2422



11AX40SISO_Ant1_2437

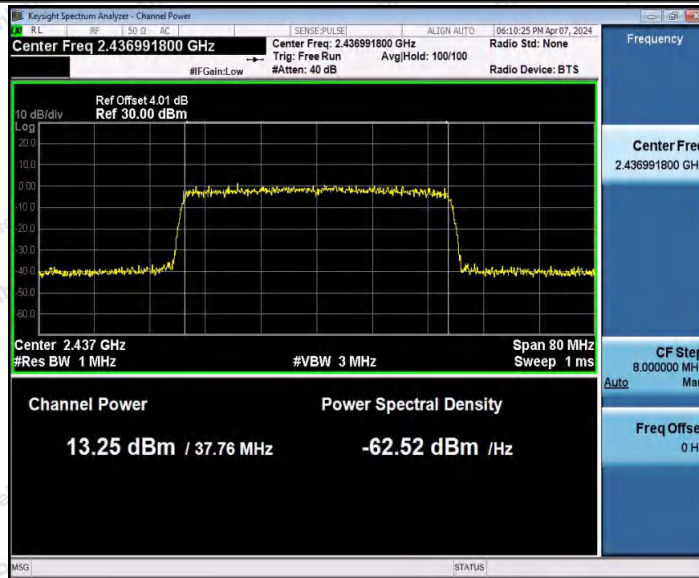
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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

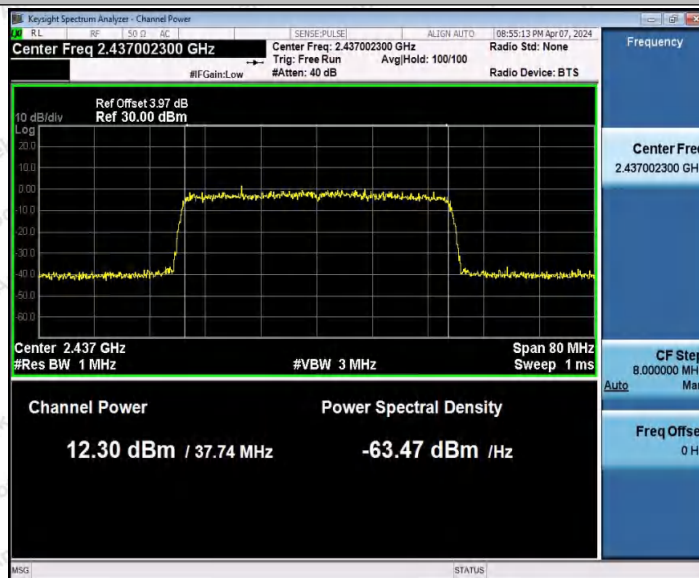


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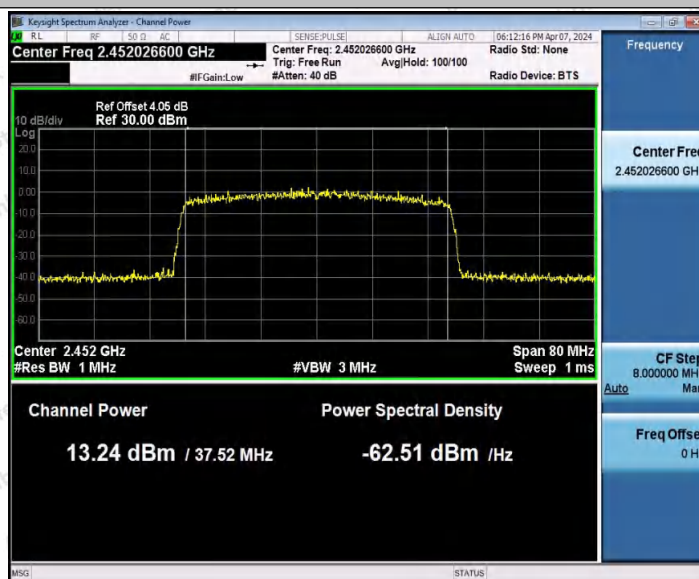




11AX40SISO_Ant2_2437



11AX40SISO_Ant1_2452

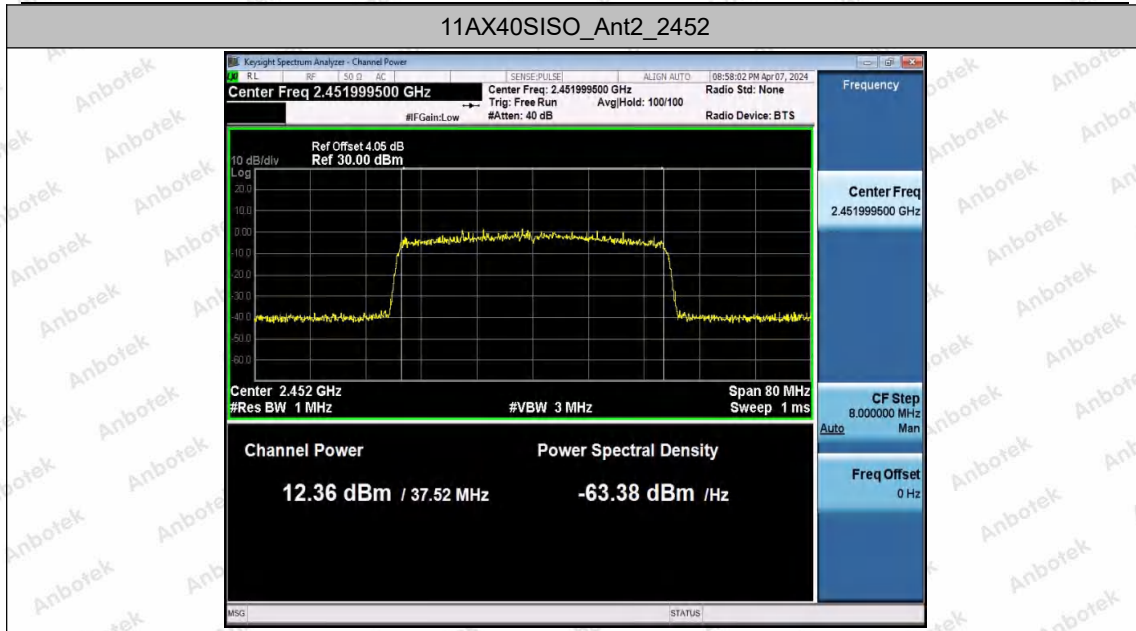


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Maximum conducted output power

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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-9.95	-19.95	≤8.00	PASS
	Ant2	2412	-10.23	-20.23	≤8.00	PASS
	Ant1	2437	-11.03	-21.03	≤8.00	PASS
	Ant2	2437	-12.06	-22.06	≤8.00	PASS
	Ant1	2462	-11.34	-21.34	≤8.00	PASS
	Ant2	2462	-12.23	-22.23	≤8.00	PASS
11G	Ant1	2412	-15.86	-25.86	≤8.00	PASS
	Ant2	2412	-15.73	-25.73	≤8.00	PASS
	Ant1	2437	-16.76	-26.76	≤8.00	PASS
	Ant2	2437	-16.85	-26.85	≤8.00	PASS
	Ant1	2462	-17.48	-27.48	≤8.00	PASS
	Ant2	2462	-16.86	-26.86	≤8.00	PASS
11N20SISO	Ant1	2412	-16.08	-26.08	≤8.00	PASS
	Ant2	2412	-16.07	-26.07	≤8.00	PASS
	Ant1	2437	-17.16	-27.16	≤8.00	PASS
	Ant2	2437	-17.08	-27.08	≤8.00	PASS
	Ant1	2462	-17.10	-27.10	≤8.00	PASS
	Ant2	2462	-17.00	-27.00	≤8.00	PASS
11N40SISO	Ant1	2422	-19.50	-29.50	≤8.00	PASS
	Ant2	2422	-19.10	-29.10	≤8.00	PASS
	Ant1	2437	-19.61	-29.61	≤8.00	PASS
	Ant2	2437	-20.37	-30.37	≤8.00	PASS
	Ant1	2452	-18.84	-28.84	≤8.00	PASS
	Ant2	2452	-19.17	-29.17	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.29	-28.29	≤8.00	PASS
	Ant2	2412	-18.12	-28.12	≤8.00	PASS
	Ant1	2437	-19.67	-29.67	≤8.00	PASS
	Ant2	2437	-19.43	-29.43	≤8.00	PASS
	Ant1	2462	-19.51	-29.51	≤8.00	PASS
	Ant2	2462	-19.31	-29.31	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.97	-30.97	≤8.00	PASS
	Ant2	2422	-22.31	-32.31	≤8.00	PASS
	Ant1	2437	-21.58	-31.58	≤8.00	PASS
	Ant2	2437	-22.32	-32.32	≤8.00	PASS
	Ant1	2452	-20.93	-30.93	≤8.00	PASS
	Ant2	2452	-21.68	-31.68	≤8.00	PASS

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Note:

1. The Duty Cycle Factor($10 \cdot \log(1/D)$) and cable loss are compensated in the graph.
2. $PSD(dBm/3kHz) = PSD(dBm/30kHz) - (10 \cdot \log(30/3))$

MIMO

TestMode	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]
11N20SISO	2412	-23.06	≤ 7.52
	2437	-24.11	≤ 7.52
	2462	-24.04	≤ 7.52
11N40SISO	2422	-26.29	≤ 7.52
	2437	-26.96	≤ 7.52
	2452	-25.99	≤ 7.52
11AX20SISO	2412	-25.19	≤ 7.52
	2437	-26.54	≤ 7.52
	2462	-26.40	≤ 7.52
11AX40SISO	2422	-28.58	≤ 7.52
	2437	-28.92	≤ 7.52
	2452	-28.28	≤ 7.52

1. As Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$ dBi = $10 \log[(10^{3.67/20} + 10^{3.67/20})^2 / 2]$ dBi = 6.48 > 6dBi,
so limit = $8 - (6.48 - 6.00) = 7.52$ dBm.
2. NOTE: MIMO = $10 \cdot \log((10^{ANT1/10}) + 10^{(ANT2/10)})$

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Test Graphs



11B_Ant1_2437

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11B_Ant2_2437



11B_Ant1_2462

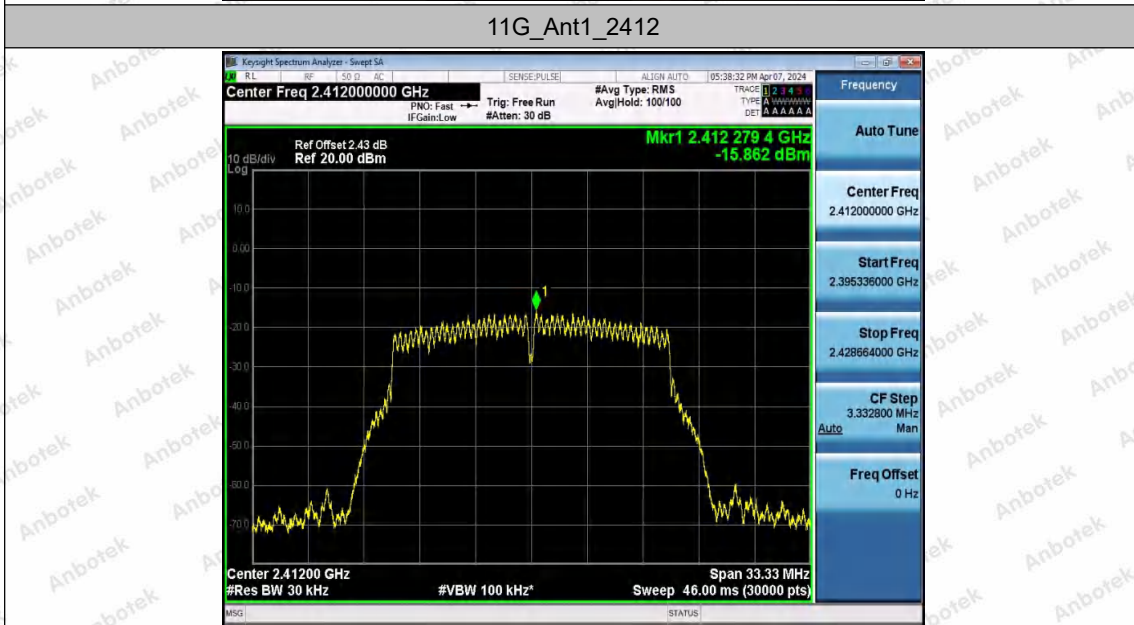


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11G_Ant2_2412

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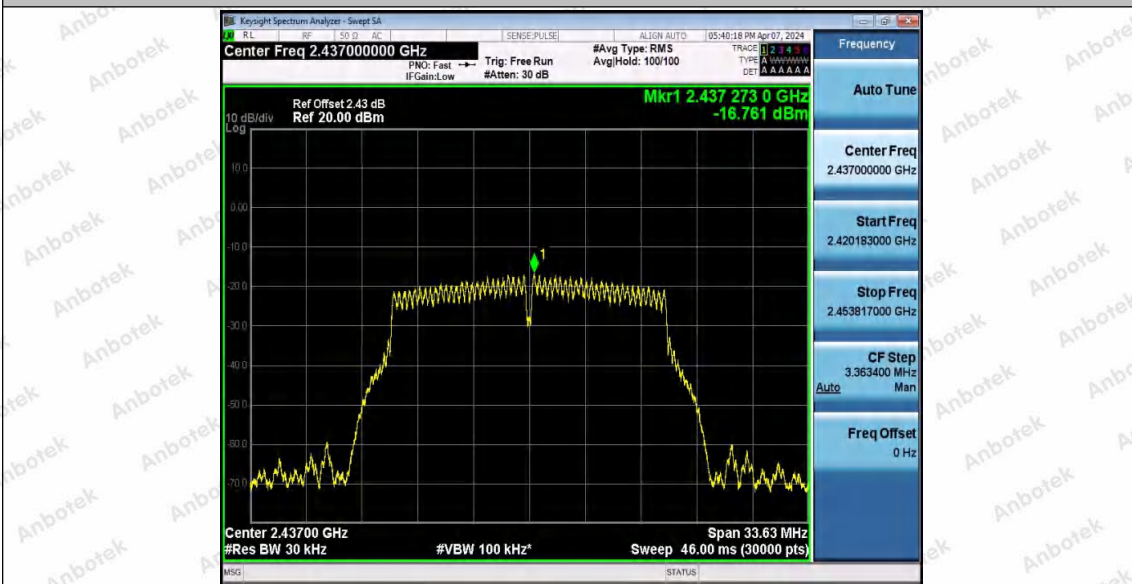
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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11G_Ant1_2437



11G_Ant2_2437



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11G_Ant1_2462



11G_Ant2_2462



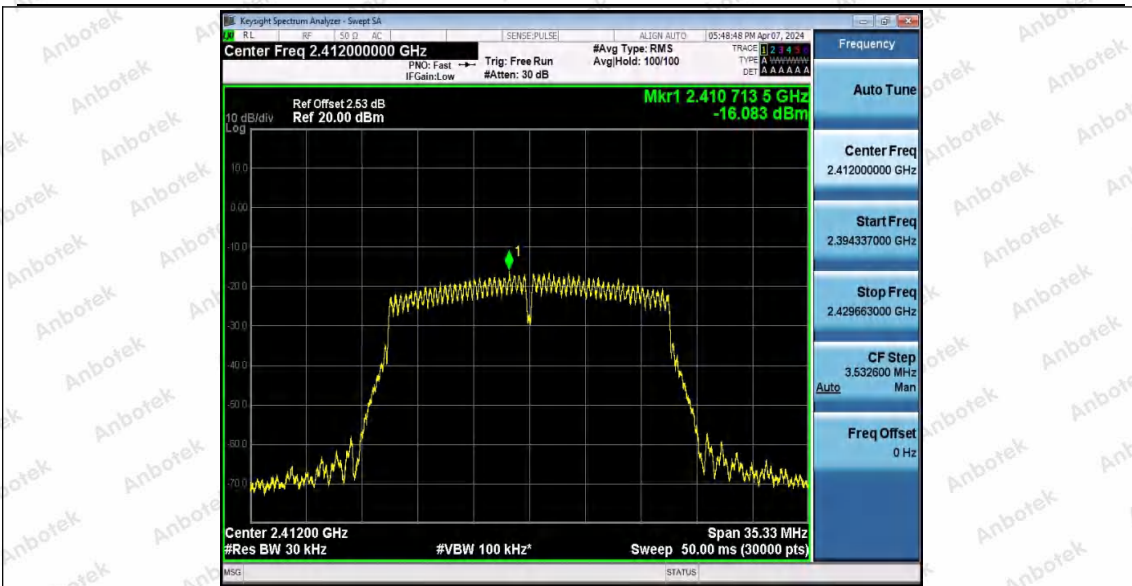
11N20SISO_Ant1_2412

Shenzhen Anbotek Compliance Laboratory Limited

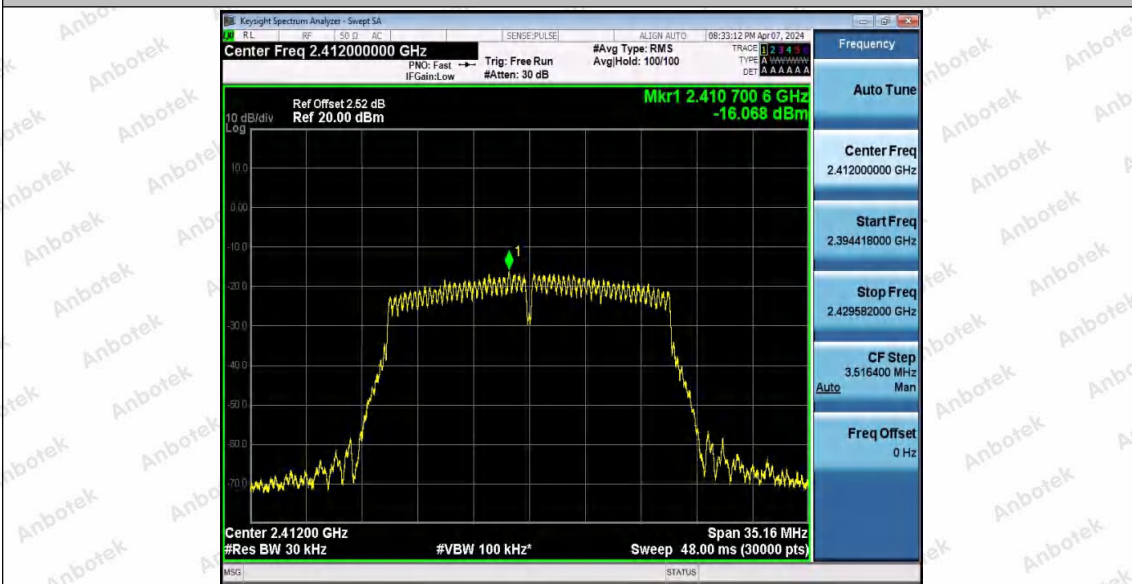
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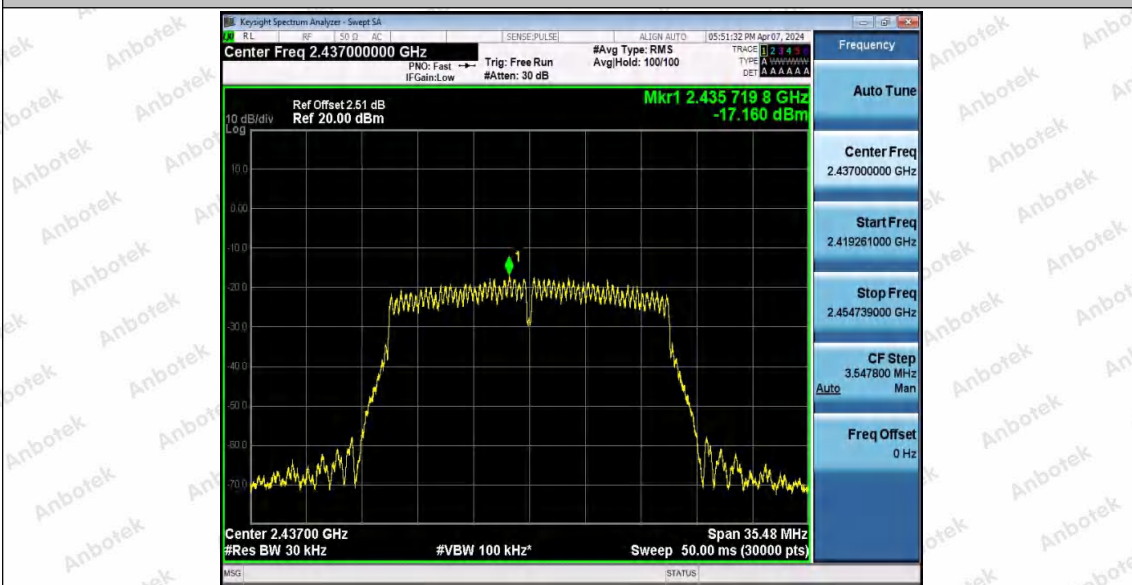




11N20SISO_Ant2_2412



11N20SISO_Ant1_2437



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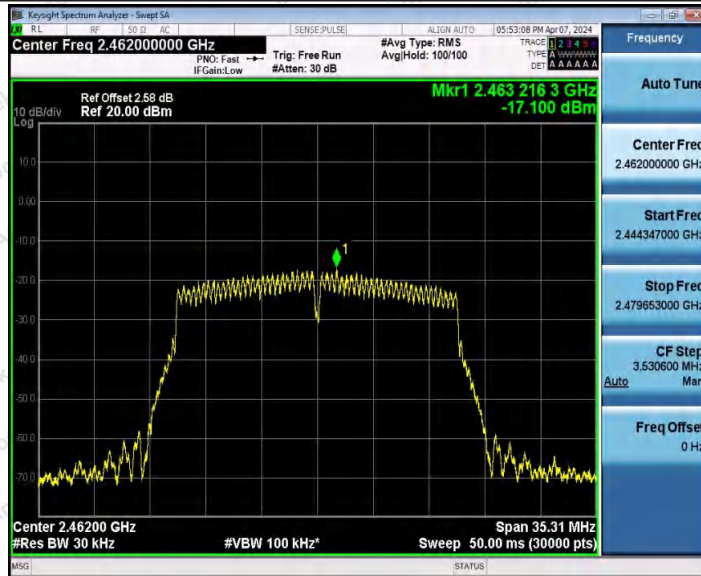
Hotline: 400-003-0500
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11N20SISO_Ant2_2437



11N20SISO_Ant1_2462



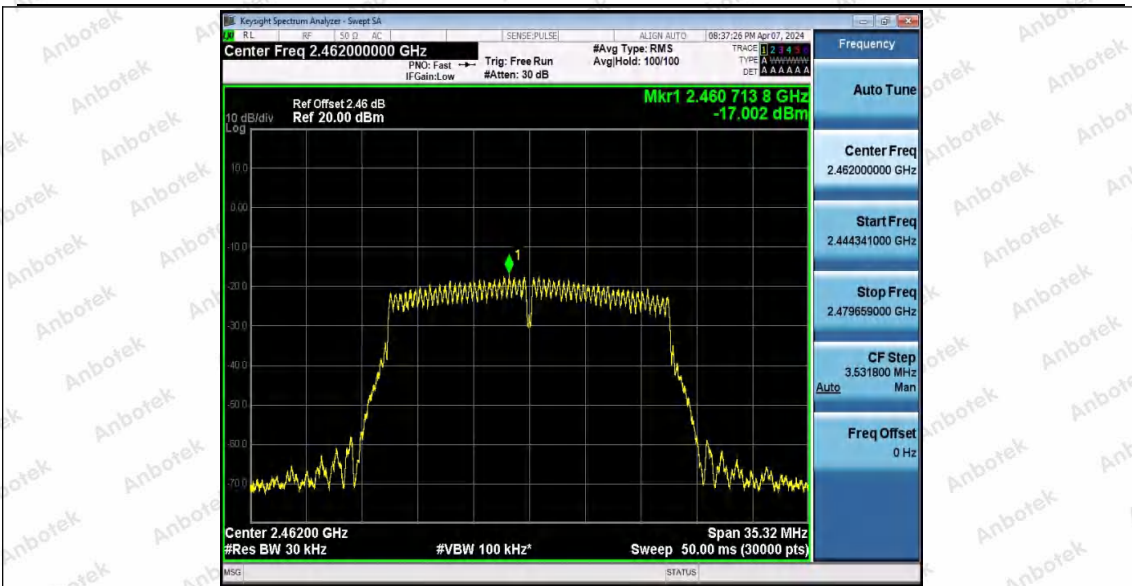
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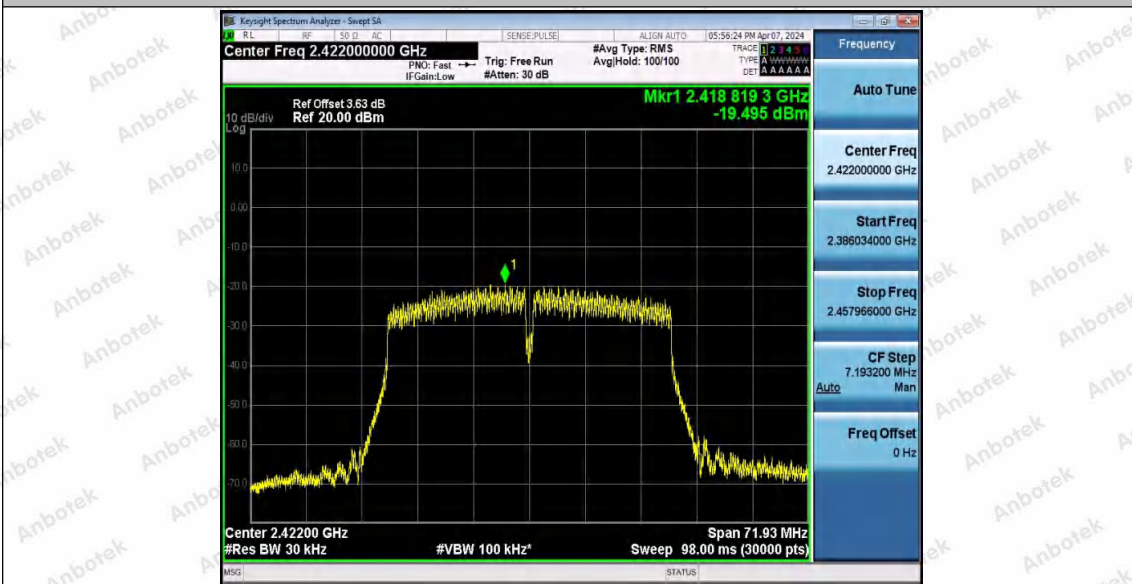
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11N40SISO_Ant1_2422



11N40SISO_Ant2_2422



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11N40SISO_Ant1_2437



11N40SISO_Ant2_2437



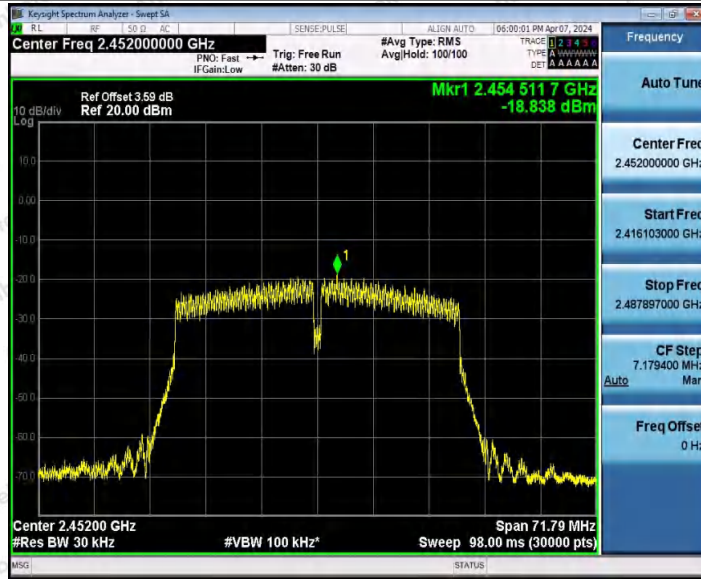
11N40SISO_Ant1_2452

Shenzhen Anbotek Compliance Laboratory Limited

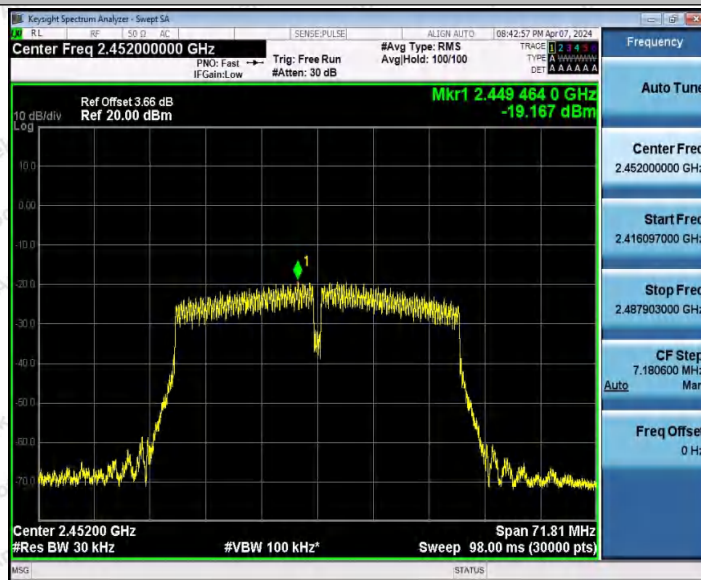
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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11N40SISO_Ant2_2452



11AX20SISO_Ant1_2412



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11AX20SISO_Ant2_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant2_2437

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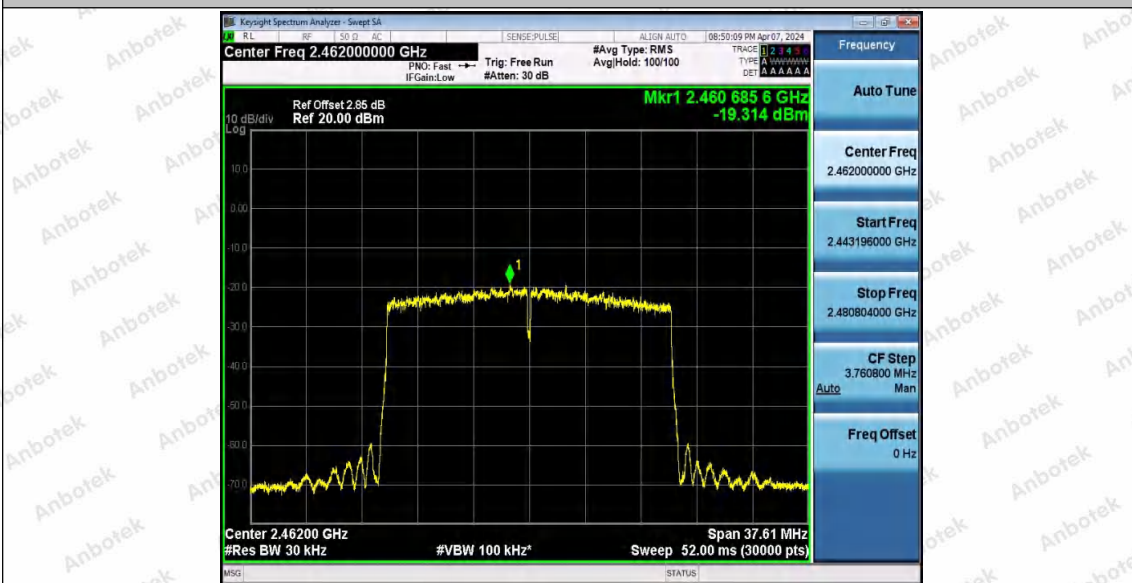




11AX20SISO_Ant1_2462



11AX20SISO_Ant2_2462



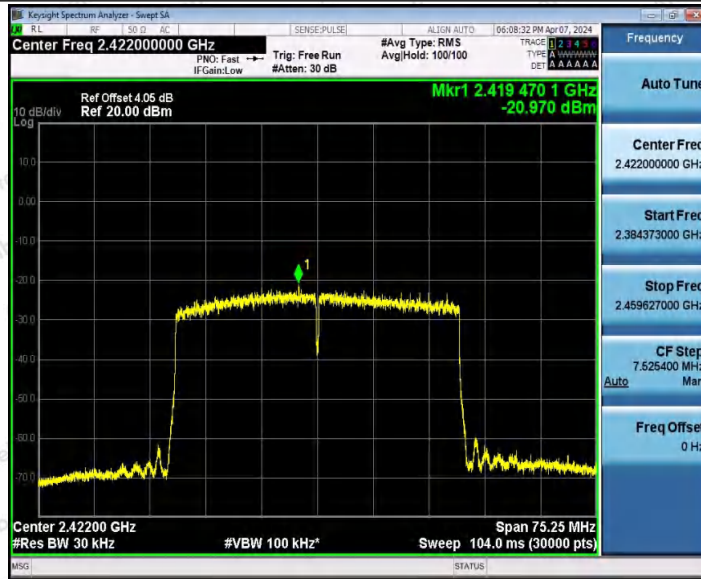
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11AX40SISO_Ant1_2422



11AX40SISO_Ant2_2422



11AX40SISO_Ant1_2437

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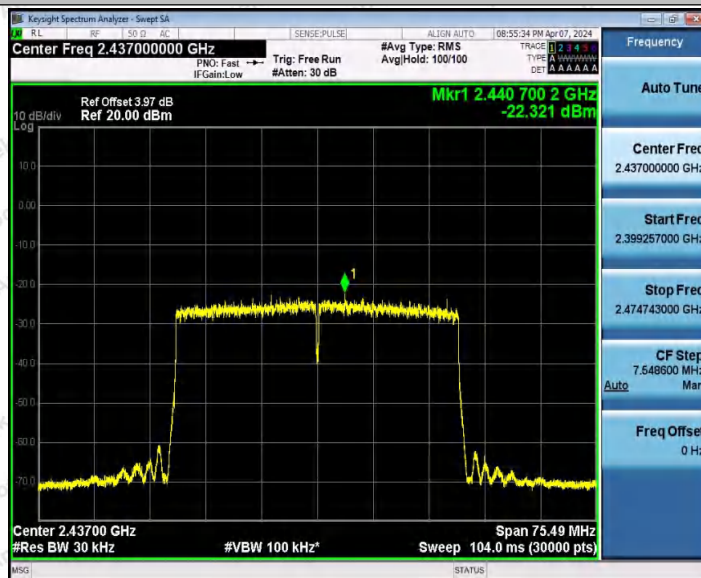
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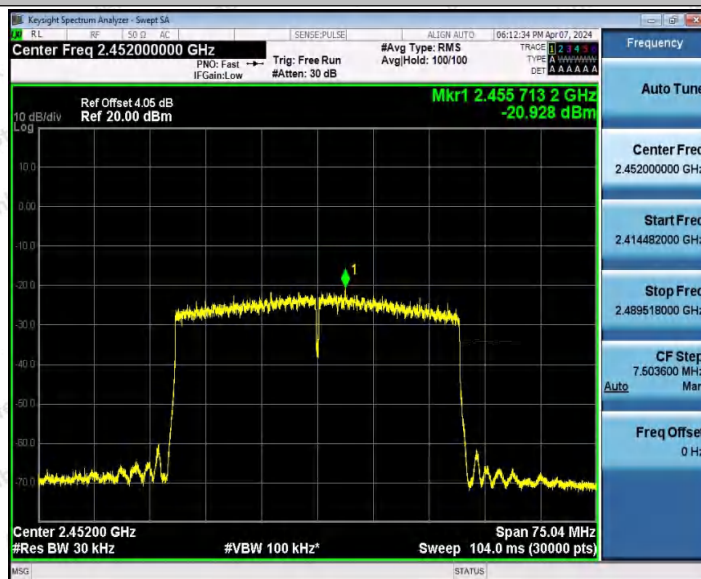




11AX40SISO_Ant2_2437



11AX40SISO_Ant1_2452



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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.96	-48.3	≤-27.04	PASS
	Ant2	Low	2412	1.63	-49.77	≤-28.37	PASS
	Ant1	High	2462	1.65	-57.08	≤-28.35	PASS
	Ant2	High	2462	1.06	-57.43	≤-28.94	PASS
11G	Ant1	Low	2412	-3.20	-50.39	≤-33.2	PASS
	Ant2	Low	2412	-4.19	-51.05	≤-34.19	PASS
	Ant1	High	2462	-4.62	-56.88	≤-34.62	PASS
	Ant2	High	2462	-4.43	-56.49	≤-34.43	PASS
11N20SISO	Ant1	Low	2412	-3.04	-50.39	≤-33.04	PASS
	Ant2	Low	2412	-3.48	-50.27	≤-33.48	PASS
	Ant1	High	2462	-4.29	-56.89	≤-34.29	PASS
	Ant2	High	2462	-5.35	-57.09	≤-35.35	PASS
11N40SISO	Ant1	Low	2422	-7.25	-46.32	≤-37.25	PASS
	Ant2	Low	2422	-7.35	-48.18	≤-37.35	PASS
	Ant1	High	2452	-7.01	-56.24	≤-37.01	PASS
	Ant2	High	2452	-6.62	-55.88	≤-36.62	PASS
11AX20SISO	Ant1	Low	2412	-4.32	-52.75	≤-34.32	PASS
	Ant2	Low	2412	-5.38	-51.72	≤-35.38	PASS
	Ant1	High	2462	-6.87	-57.01	≤-36.87	PASS
	Ant2	High	2462	-6.40	-57.3	≤-36.4	PASS
11AX40SISO	Ant1	Low	2422	-8.58	-52.27	≤-38.58	PASS
	Ant2	Low	2422	-9.32	-53.61	≤-39.32	PASS
	Ant1	High	2452	-8.03	-56.84	≤-38.03	PASS
	Ant2	High	2452	-9.20	-56.96	≤-39.2	PASS

MIMO

TestMode	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11N20MIMO	2412	-47.32	≤-39.80	PASS
	2437	-53.98	≤-39.80	PASS
	2462	-44.14	≤-39.80	PASS
11N40MIMO	2422	-53.05	≤-39.80	PASS
	2437	-49.19	≤-39.80	PASS
	2452	-54.14	≤-39.80	PASS
11AX20MIMO	2412	-49.88	≤-39.80	PASS
	2437	-53.89	≤-39.80	PASS
	2462	-47.32	≤-39.80	PASS
11AX40MIMO	2422	-53.98	≤-39.80	PASS

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	2437	-44.14	≤-39.80	PASS
	2452	-53.05	≤-39.80	PASS

1. Select the smallest limit value -39.32dBm in 11N20SISO, 11N40SISO, 11AX20SISO, 11AX40SISO as the limit value.
2. As Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$ dBi = $10 \log[(10^{3.67/20} + 10^{3.67/20})^2 / 2]$ dBi = 6.48 > 6dBi,
so final limit = $-39.32 - (6.48 - 6.00) = -39.8$ dBm.
3. NOTE: MIMO = $10 * \text{LOG}((10^{ANT1/10}) + 10^{(ANT2/10)})$

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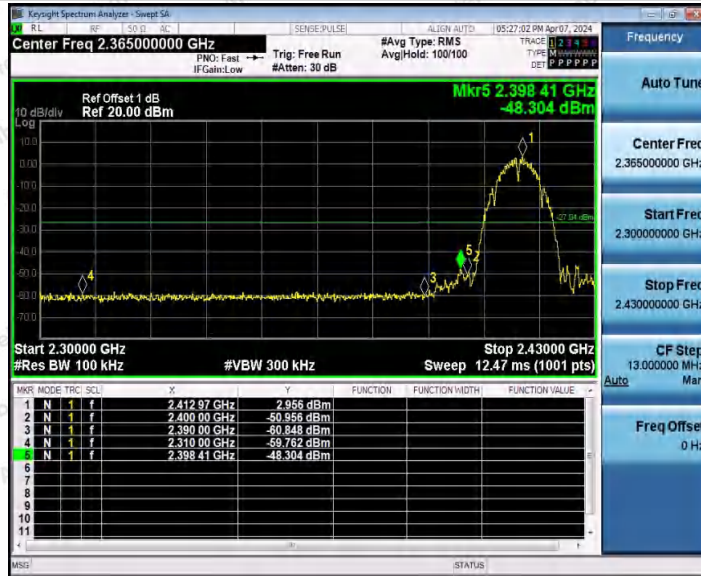


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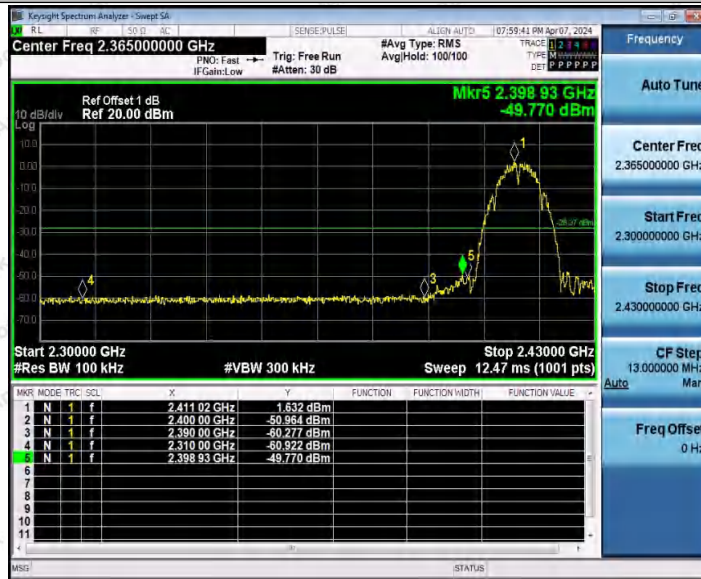


Test Graphs

11B_Ant1_Low_2412



11B_Ant2_Low_2412



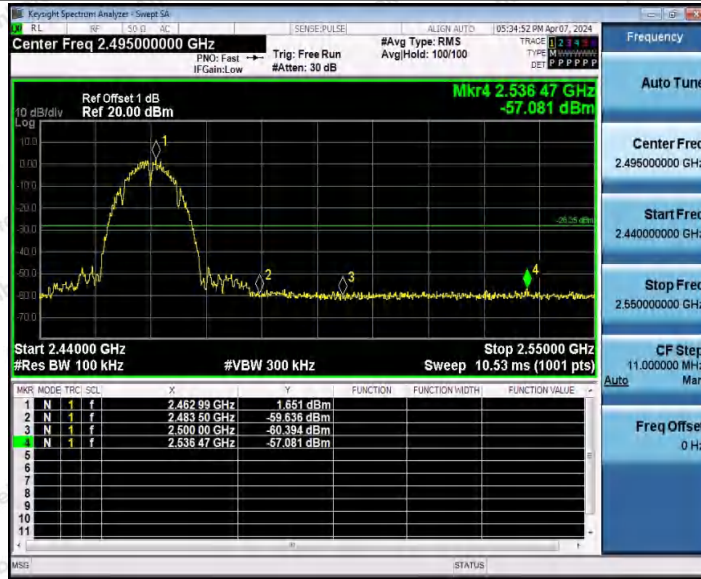
11B_Ant1_High_2462

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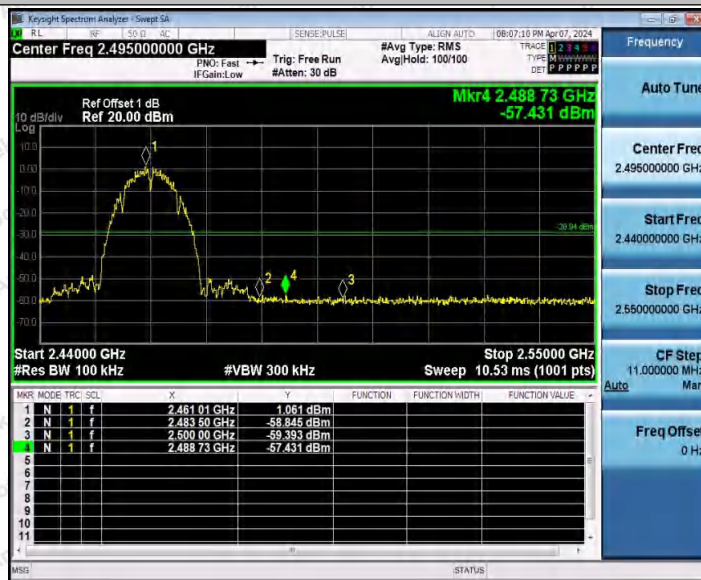
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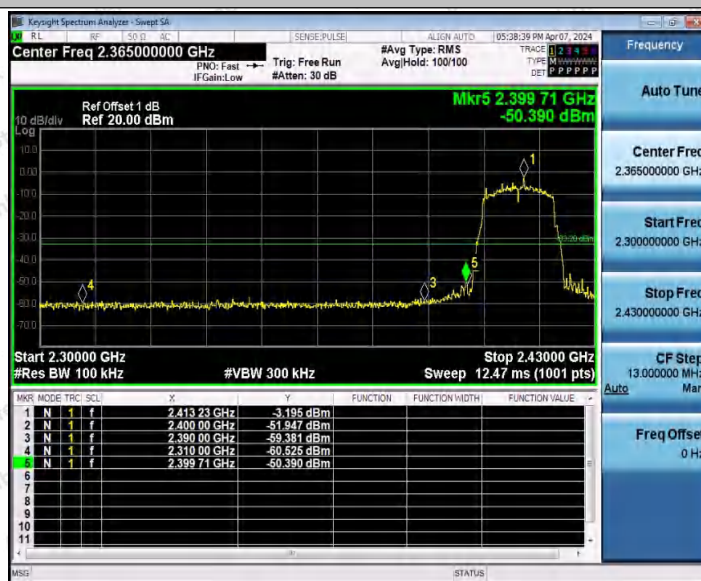




11B_Ant2_High_2462



11G_Ant1_Low_2412



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