



Appendix A: DTS Bandwidth

Test Result

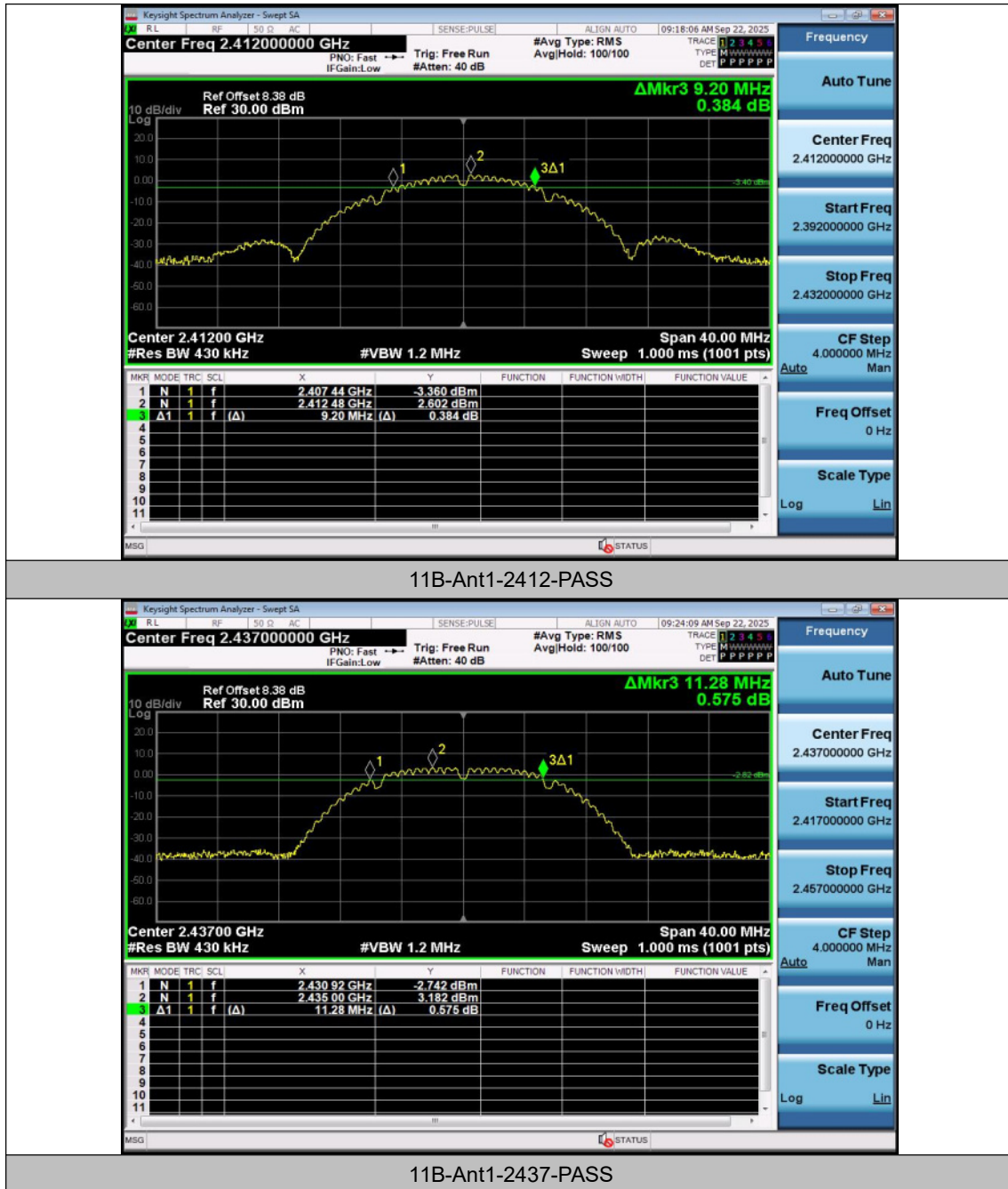
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.200	2407.440	2416.640	0.5	PASS
11B	Ant1	2437	11.280	2430.920	2442.200	0.5	PASS
11B	Ant1	2462	11.240	2456.800	2468.040	0.5	PASS
11G	Ant1	2412	16.240	2403.880	2420.120	0.5	PASS
11G	Ant1	2437	16.240	2428.880	2445.120	0.5	PASS
11G	Ant1	2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	16.680	2403.920	2420.600	0.5	PASS
11N20SISO	Ant1	2437	17.400	2428.280	2445.680	0.5	PASS
11N20SISO	Ant1	2462	17.480	2453.320	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.160	2404.080	2440.240	0.5	PASS
11N40SISO	Ant1	2437	36.080	2418.920	2455.000	0.5	PASS
11N40SISO	Ant1	2452	36.000	2434.080	2470.080	0.5	PASS
11AX20SISO	Ant1	2412	18.720	2402.720	2421.440	0.5	PASS
11AX20SISO	Ant1	2437	18.840	2427.600	2446.440	0.5	PASS
11AX20SISO	Ant1	2462	18.840	2452.560	2471.400	0.5	PASS
11AX40SISO	Ant1	2422	37.040	2403.600	2440.640	0.5	PASS
11AX40SISO	Ant1	2437	35.760	2418.520	2454.280	0.5	PASS
11AX40SISO	Ant1	2452	37.200	2433.680	2470.880	0.5	PASS



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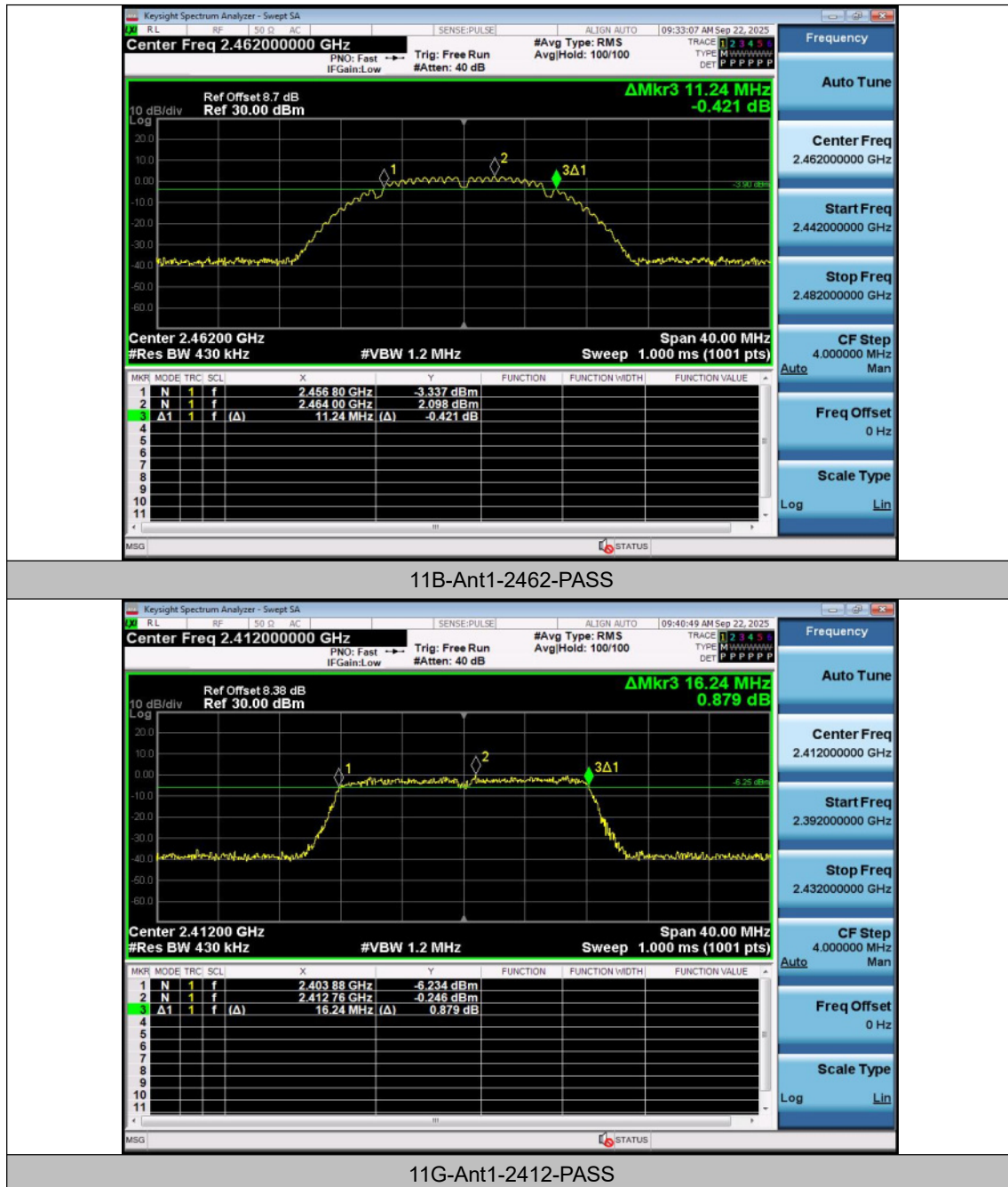
Test Graphs





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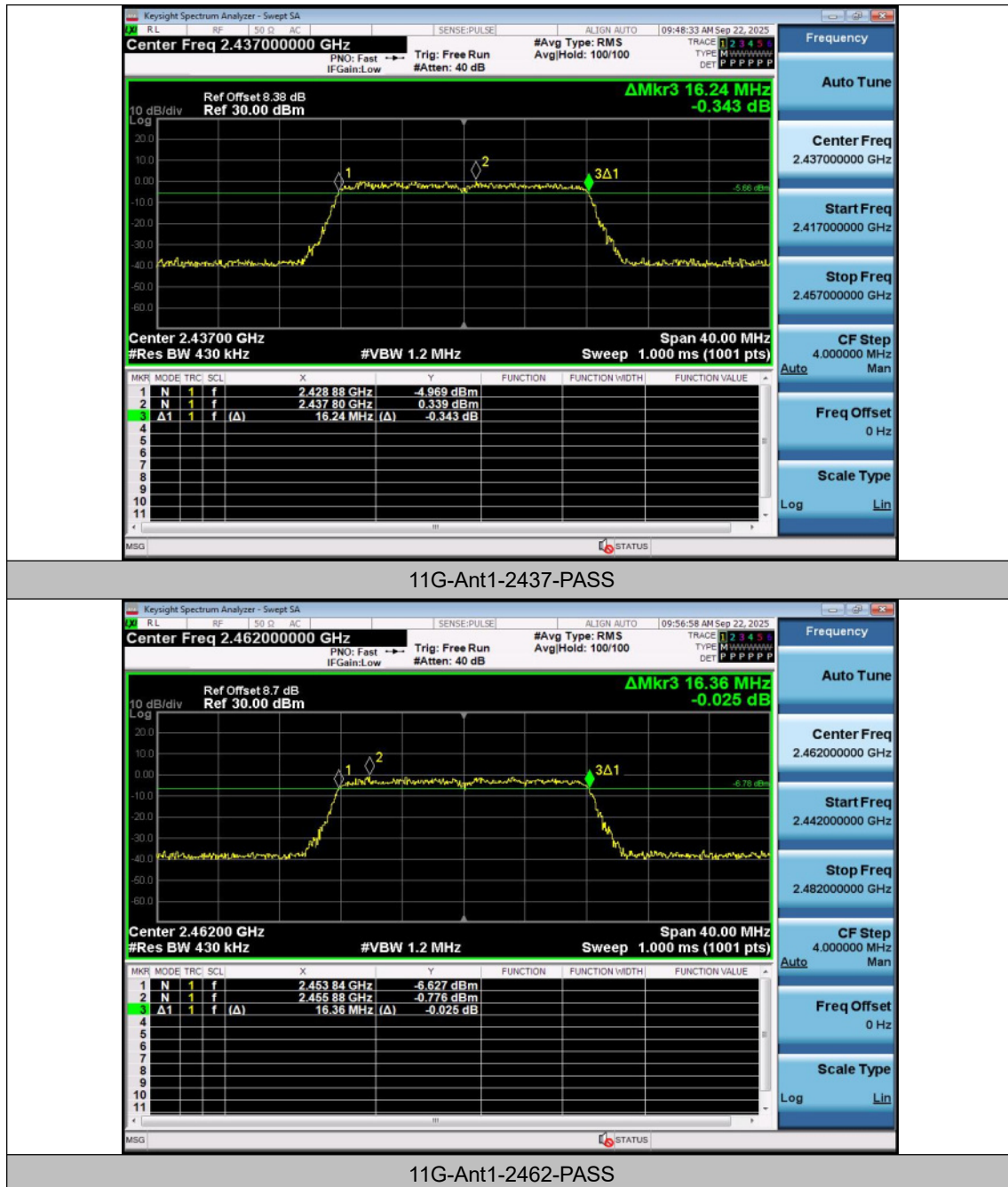
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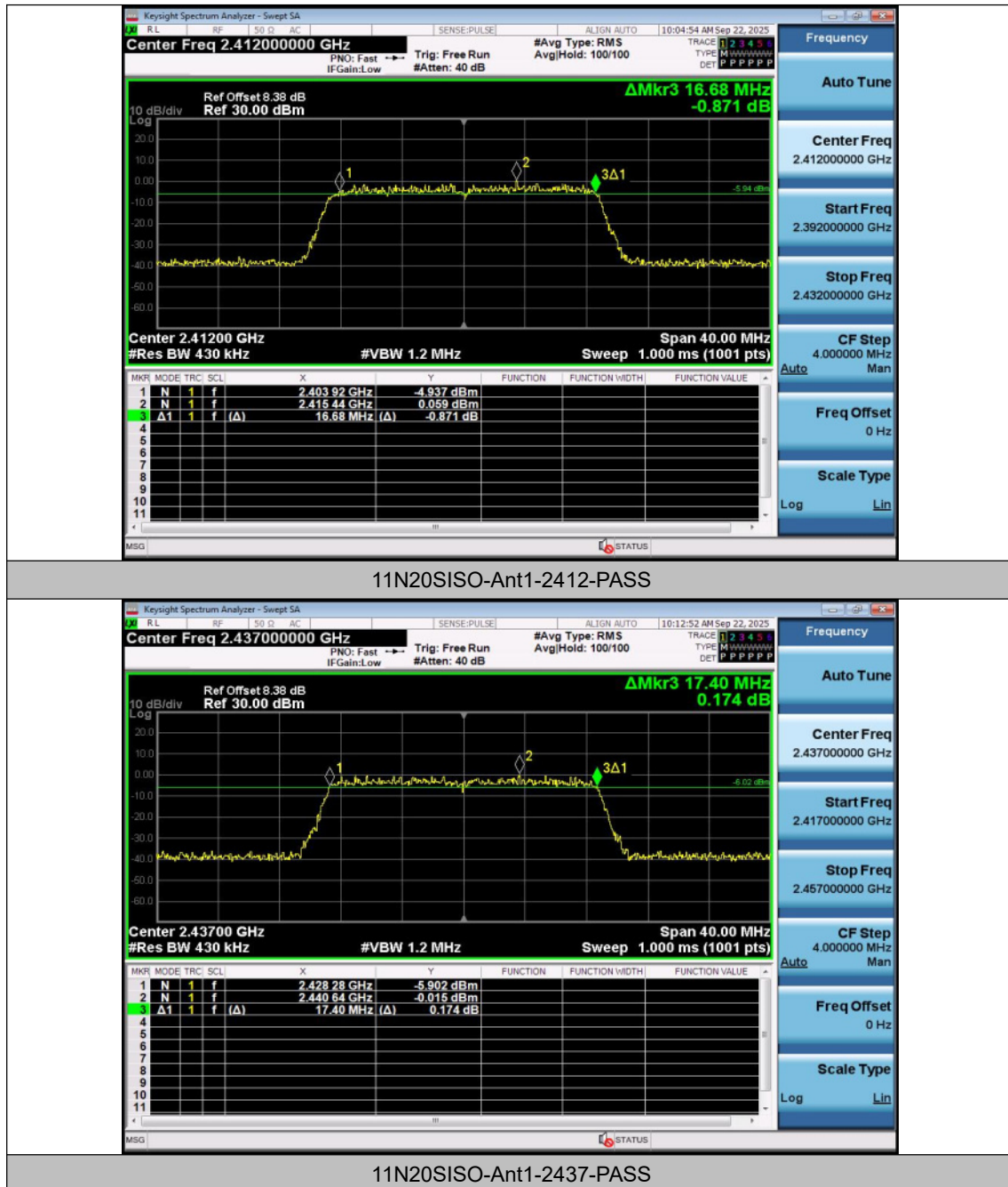
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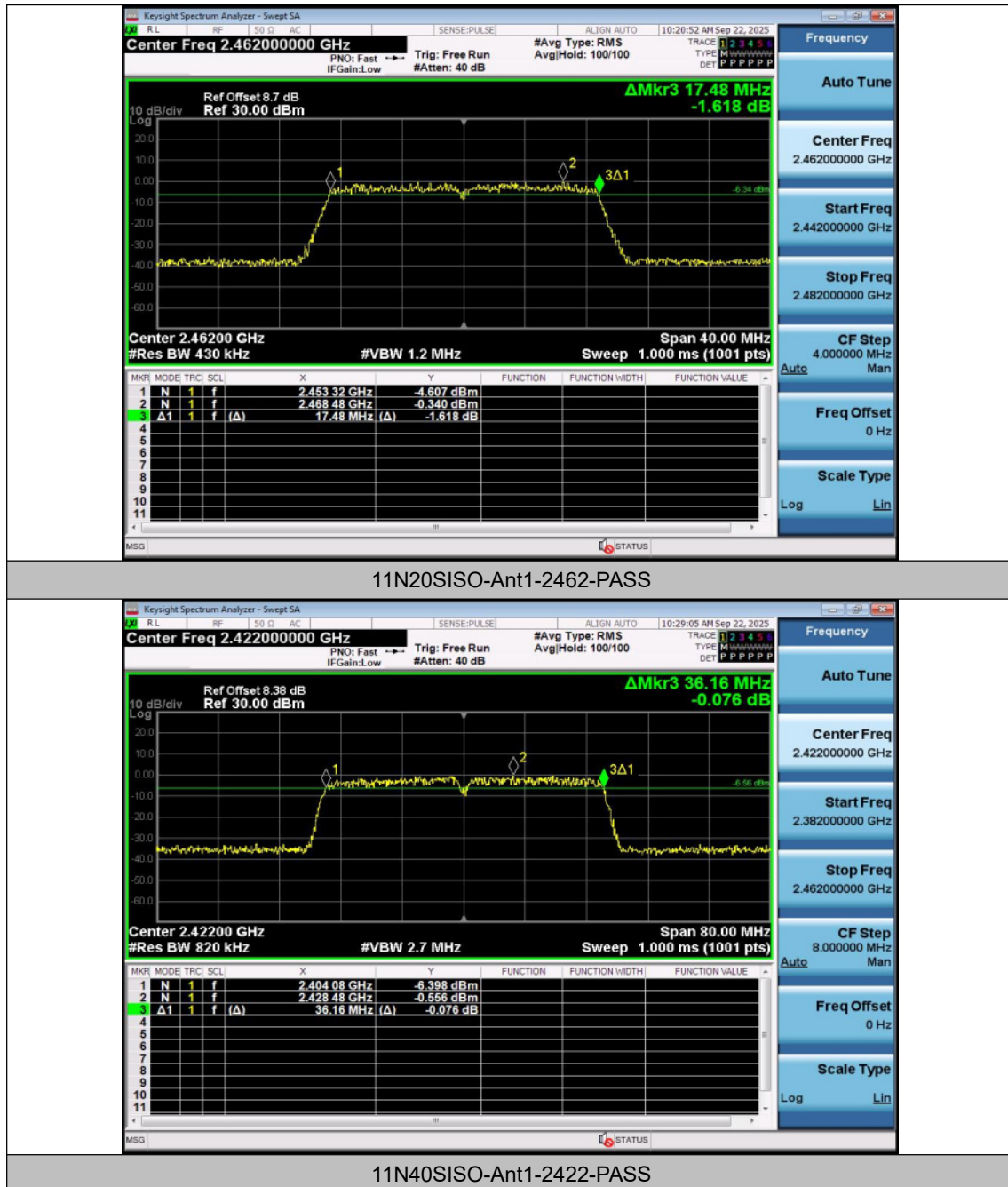
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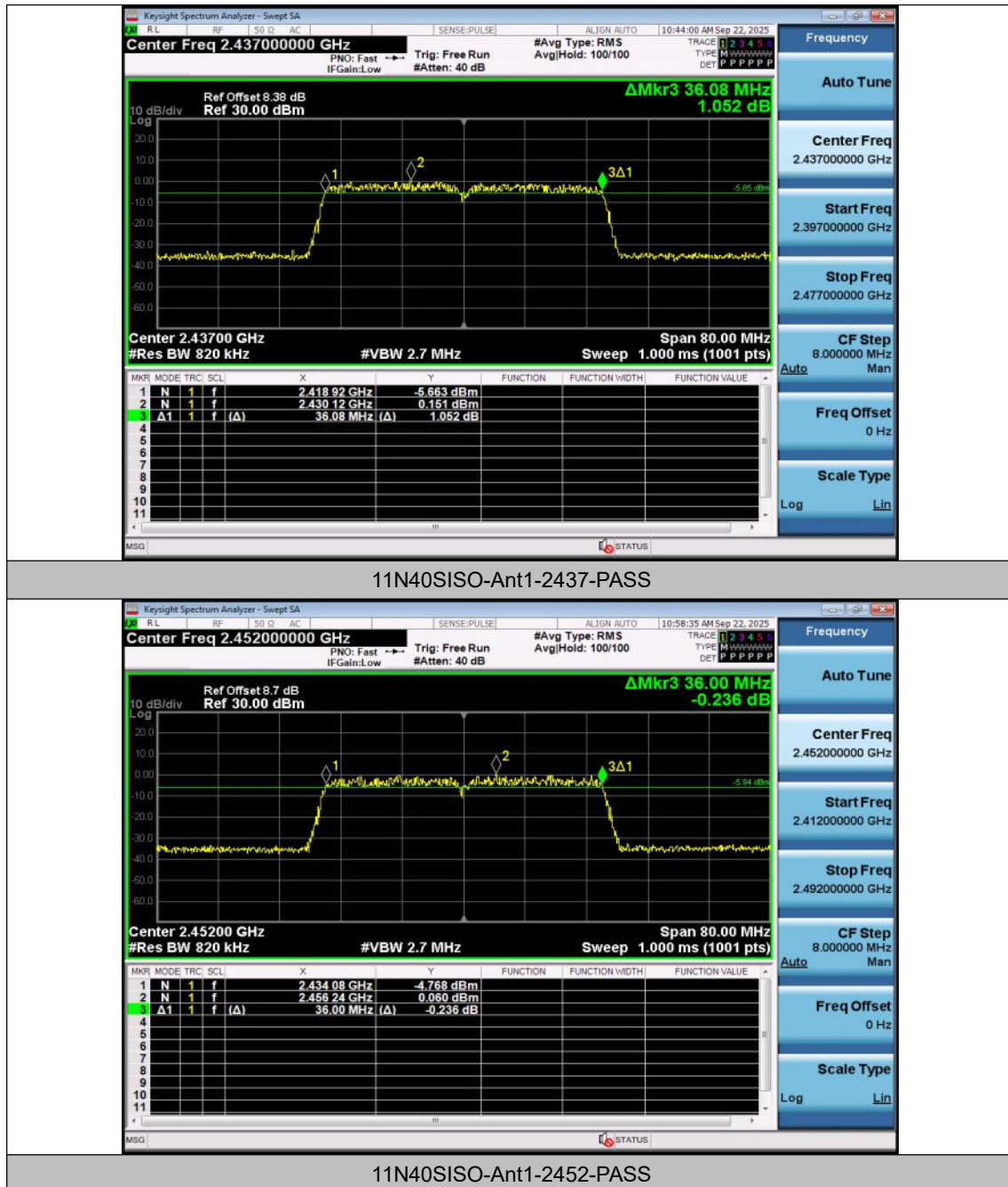
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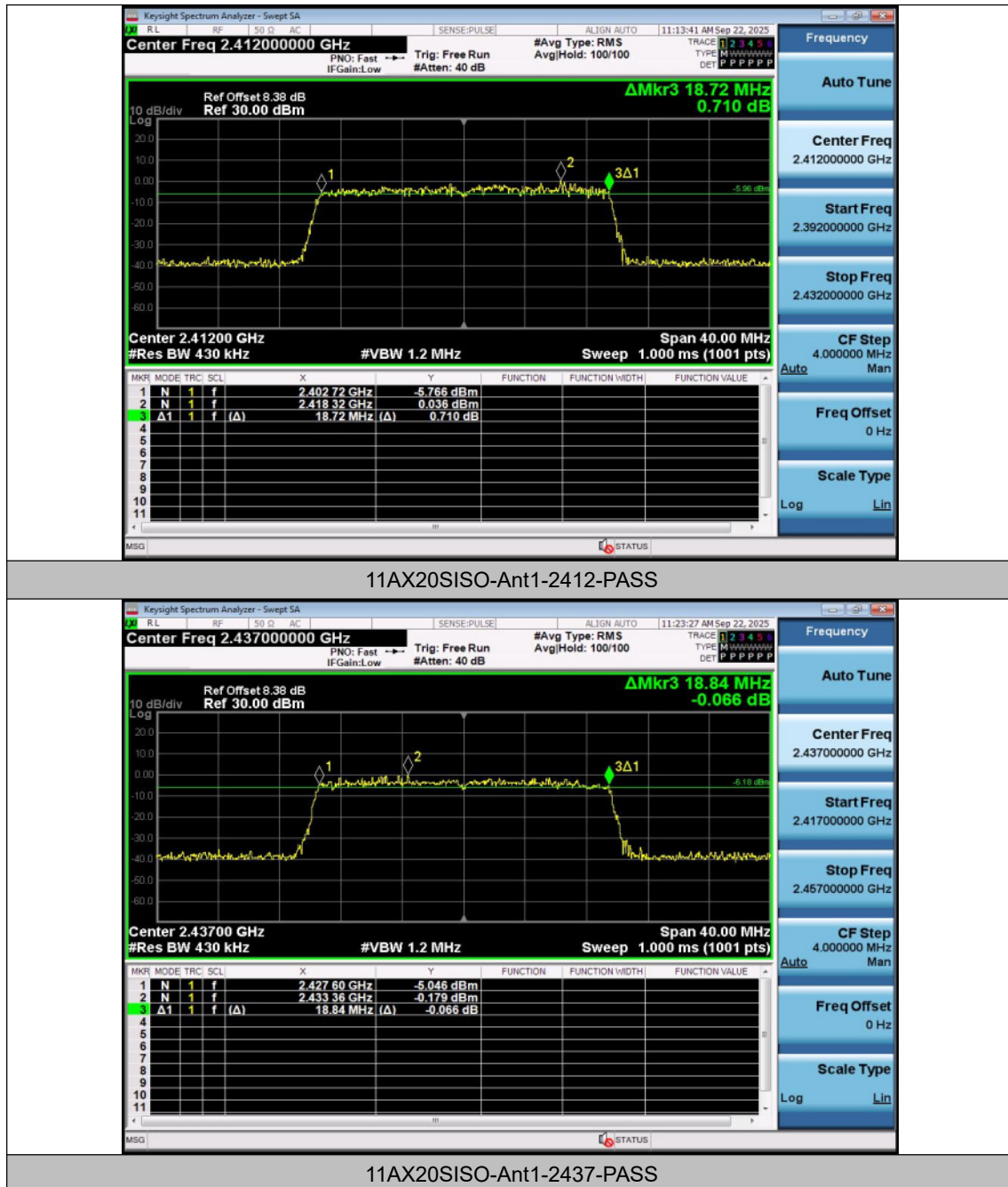
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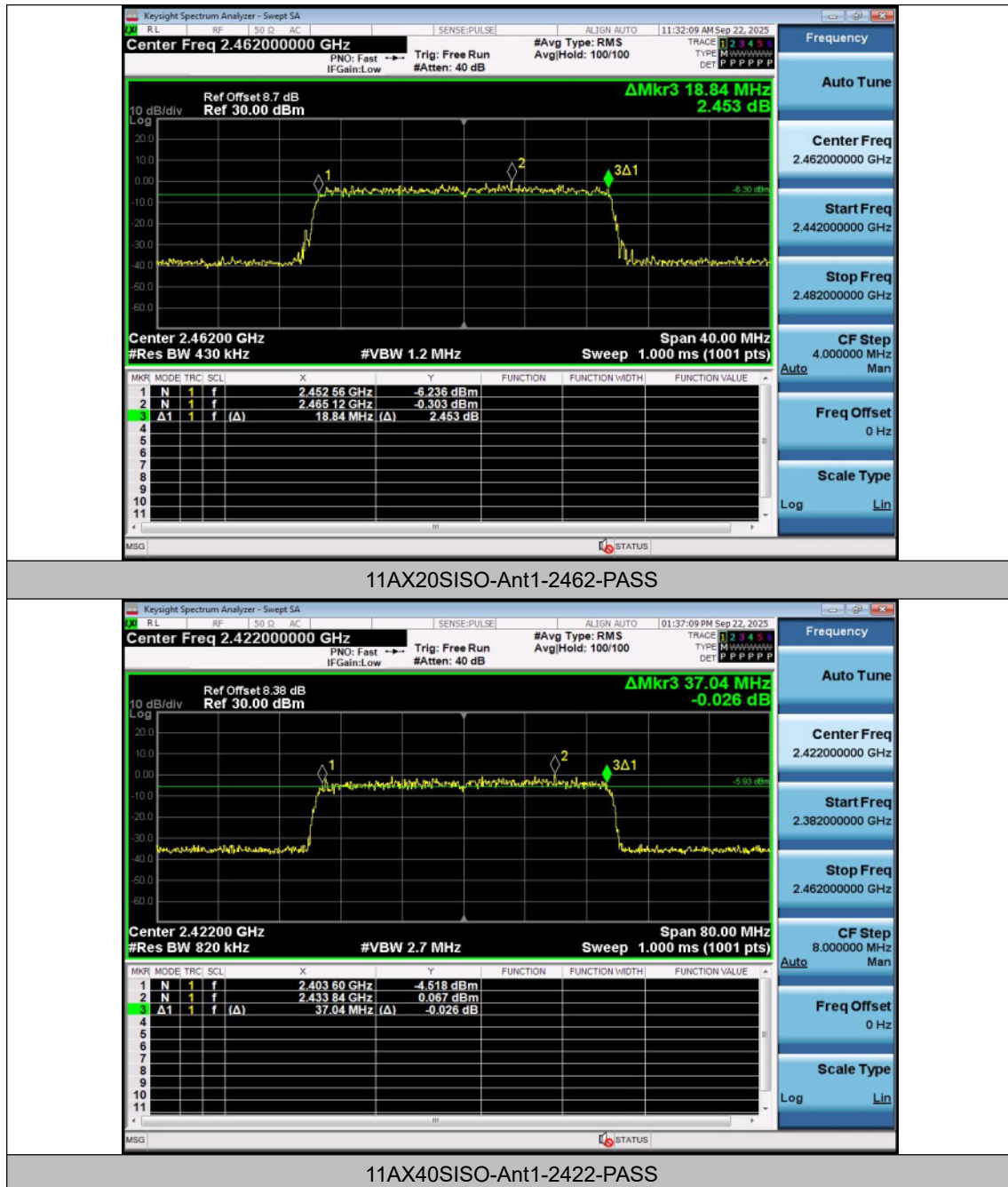
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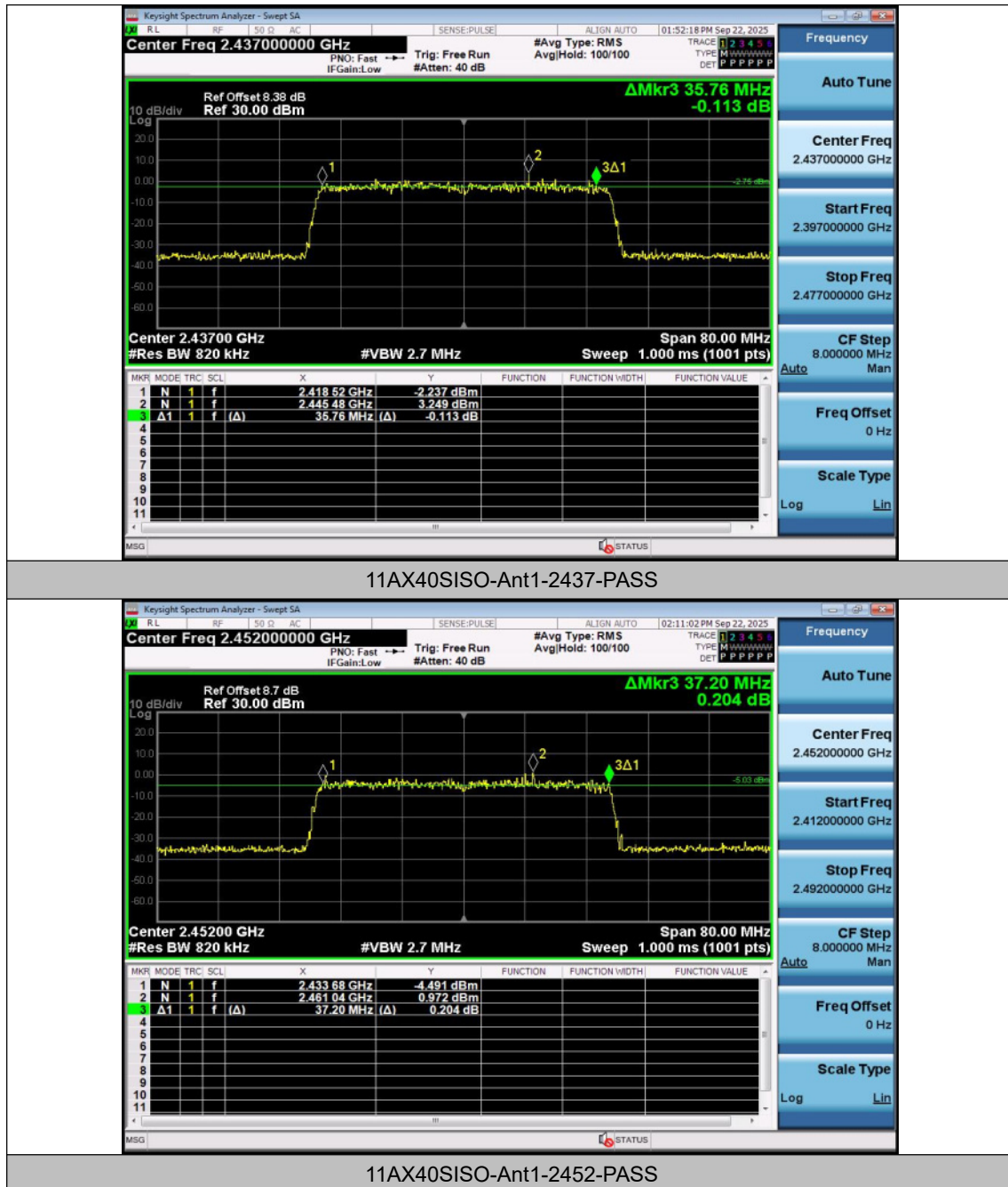
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Test Result

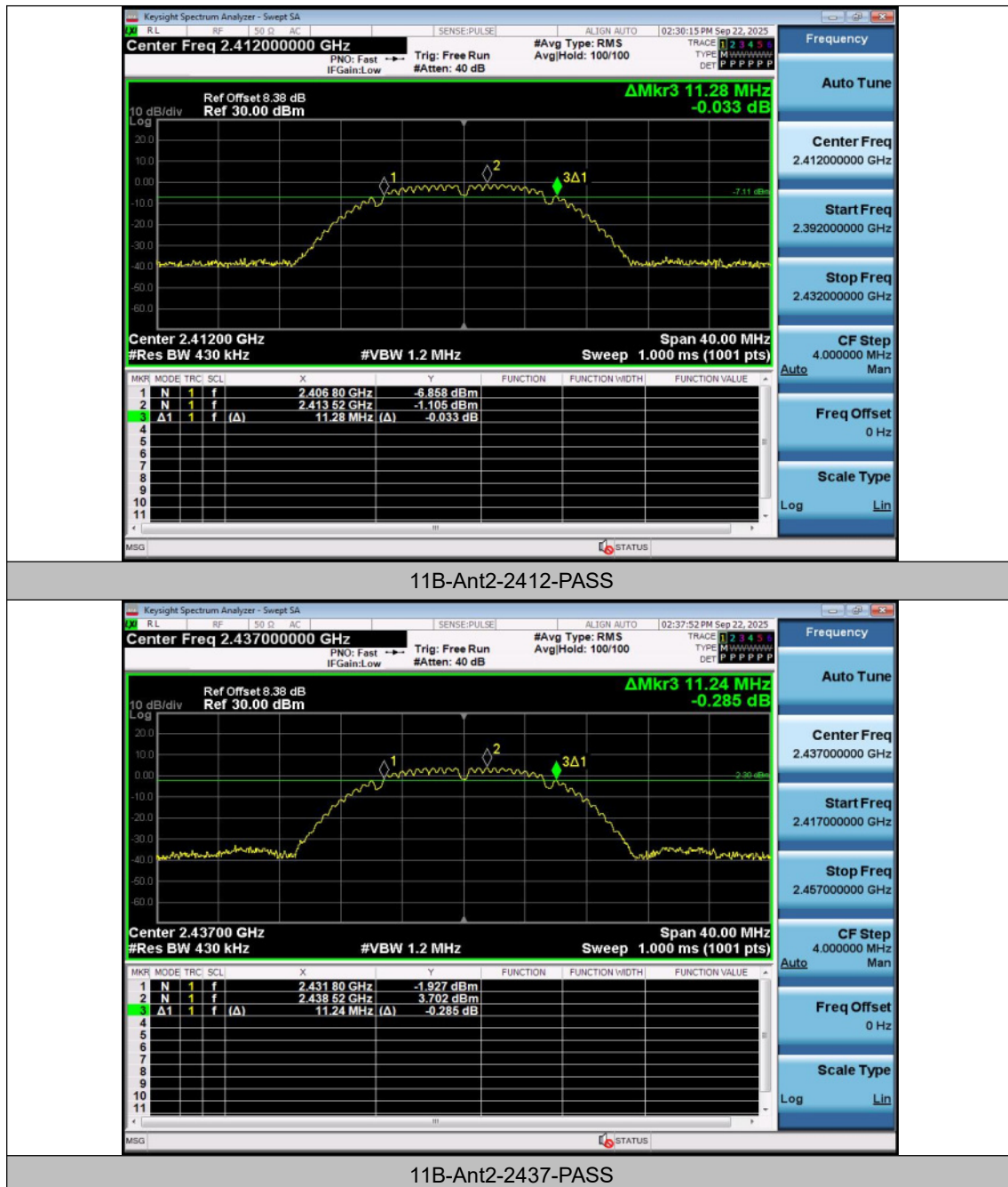
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	11.280	2406.800	2418.080	0.5	PASS
11B	Ant2	2437	11.240	2431.800	2443.040	0.5	PASS
11B	Ant2	2462	12.080	2455.960	2468.040	0.5	PASS
11G	Ant2	2412	17.400	2403.400	2420.800	0.5	PASS
11G	Ant2	2437	17.400	2428.320	2445.720	0.5	PASS
11G	Ant2	2462	17.520	2453.240	2470.760	0.5	PASS
11N20SISO	Ant2	2412	17.520	2403.280	2420.800	0.5	PASS
11N20SISO	Ant2	2437	17.360	2428.320	2445.680	0.5	PASS
11N20SISO	Ant2	2462	17.440	2453.280	2470.720	0.5	PASS
11N40SISO	Ant2	2422	36.000	2404.160	2440.160	0.5	PASS
11N40SISO	Ant2	2437	35.920	2419.160	2455.080	0.5	PASS
11N40SISO	Ant2	2452	36.080	2434.000	2470.080	0.5	PASS
11AX20SISO	Ant2	2412	18.600	2402.720	2421.320	0.5	PASS
11AX20SISO	Ant2	2437	18.600	2427.640	2446.240	0.5	PASS
11AX20SISO	Ant2	2462	18.840	2452.520	2471.360	0.5	PASS
11AX40SISO	Ant2	2422	37.760	2403.280	2441.040	0.5	PASS
11AX40SISO	Ant2	2437	37.840	2418.360	2456.200	0.5	PASS
11AX40SISO	Ant2	2452	37.760	2433.120	2470.880	0.5	PASS



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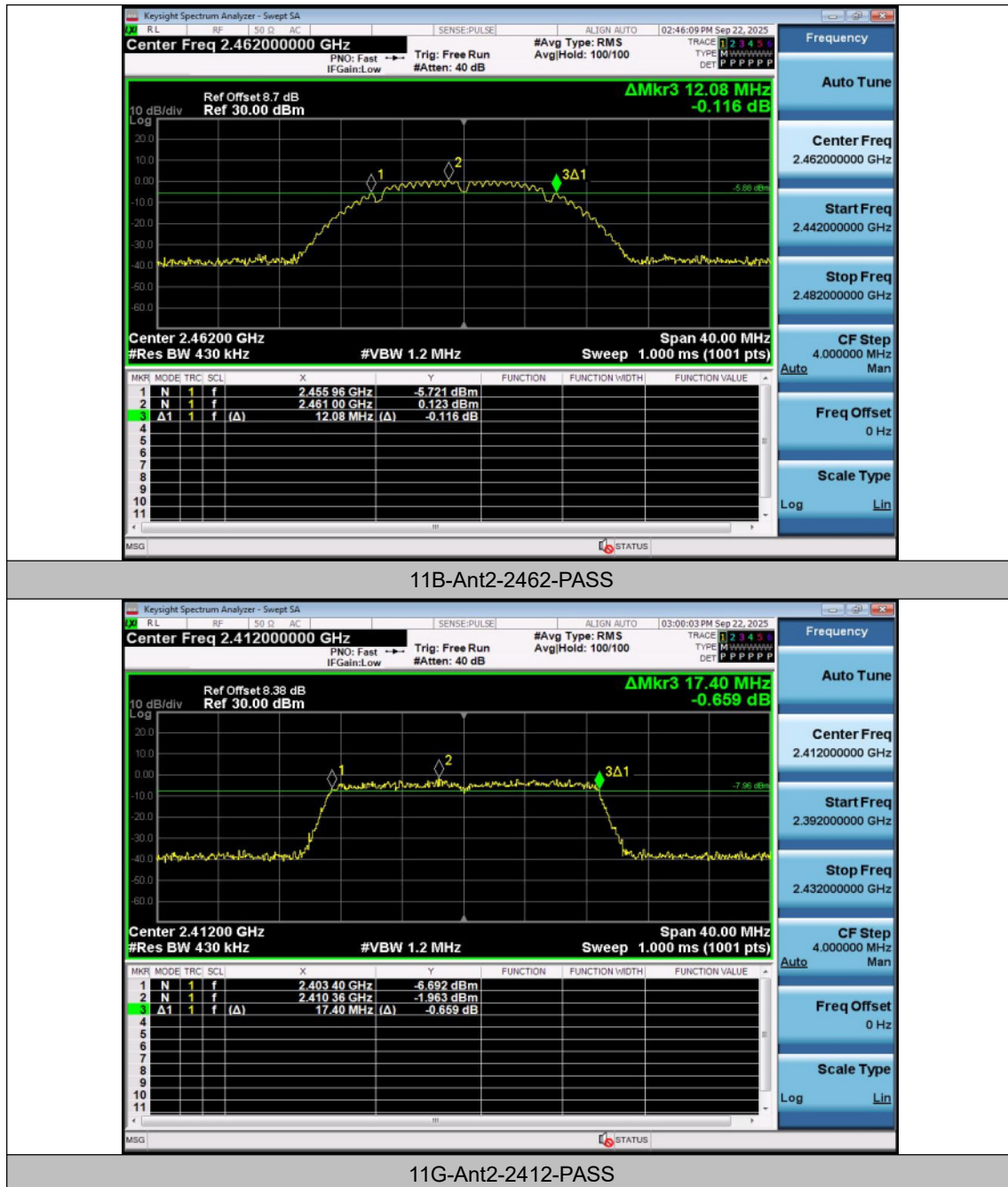
Test Graphs





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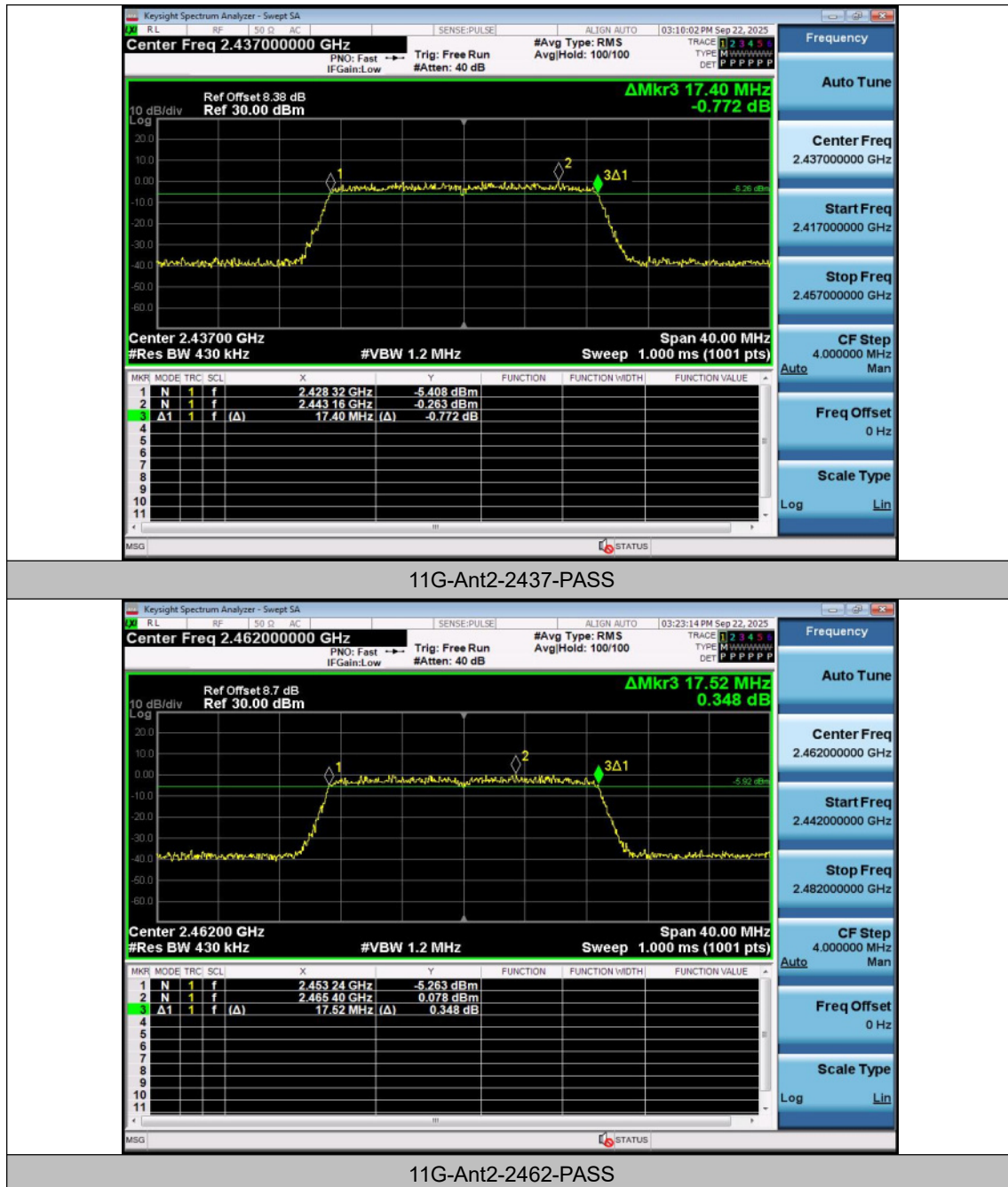
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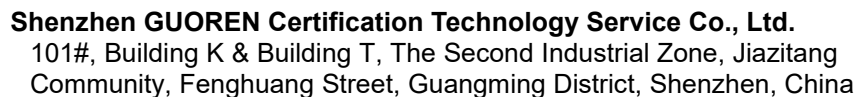




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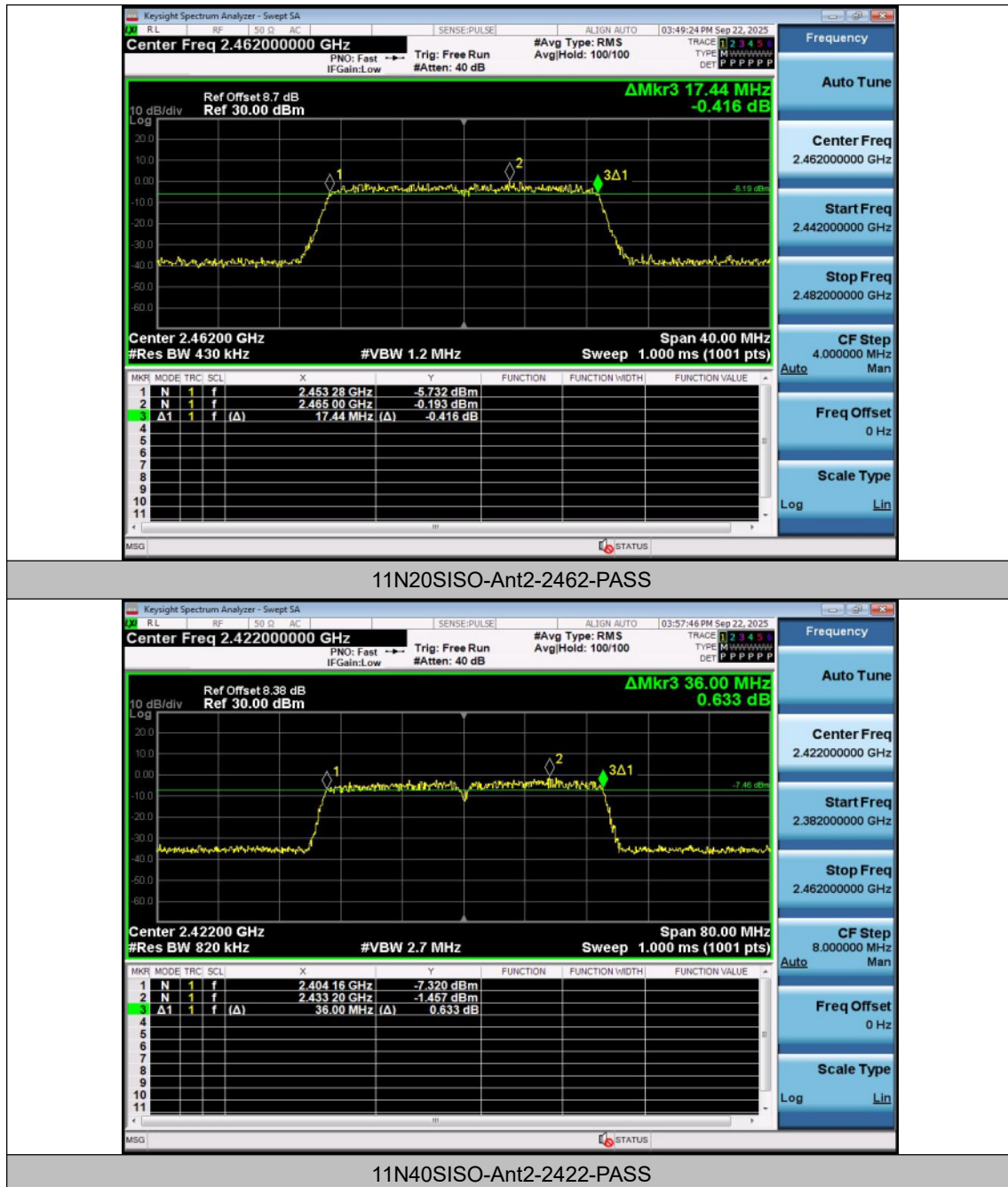




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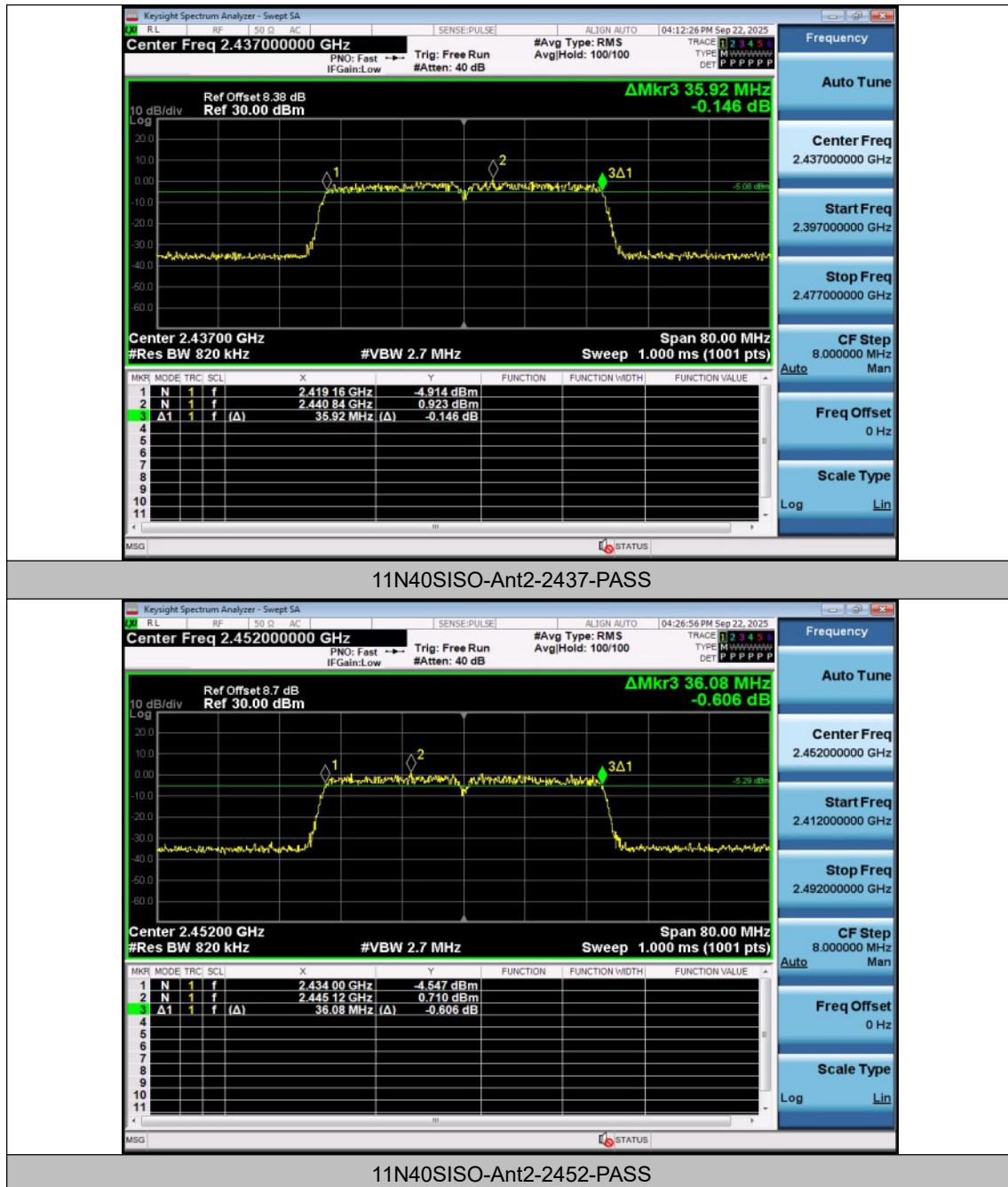




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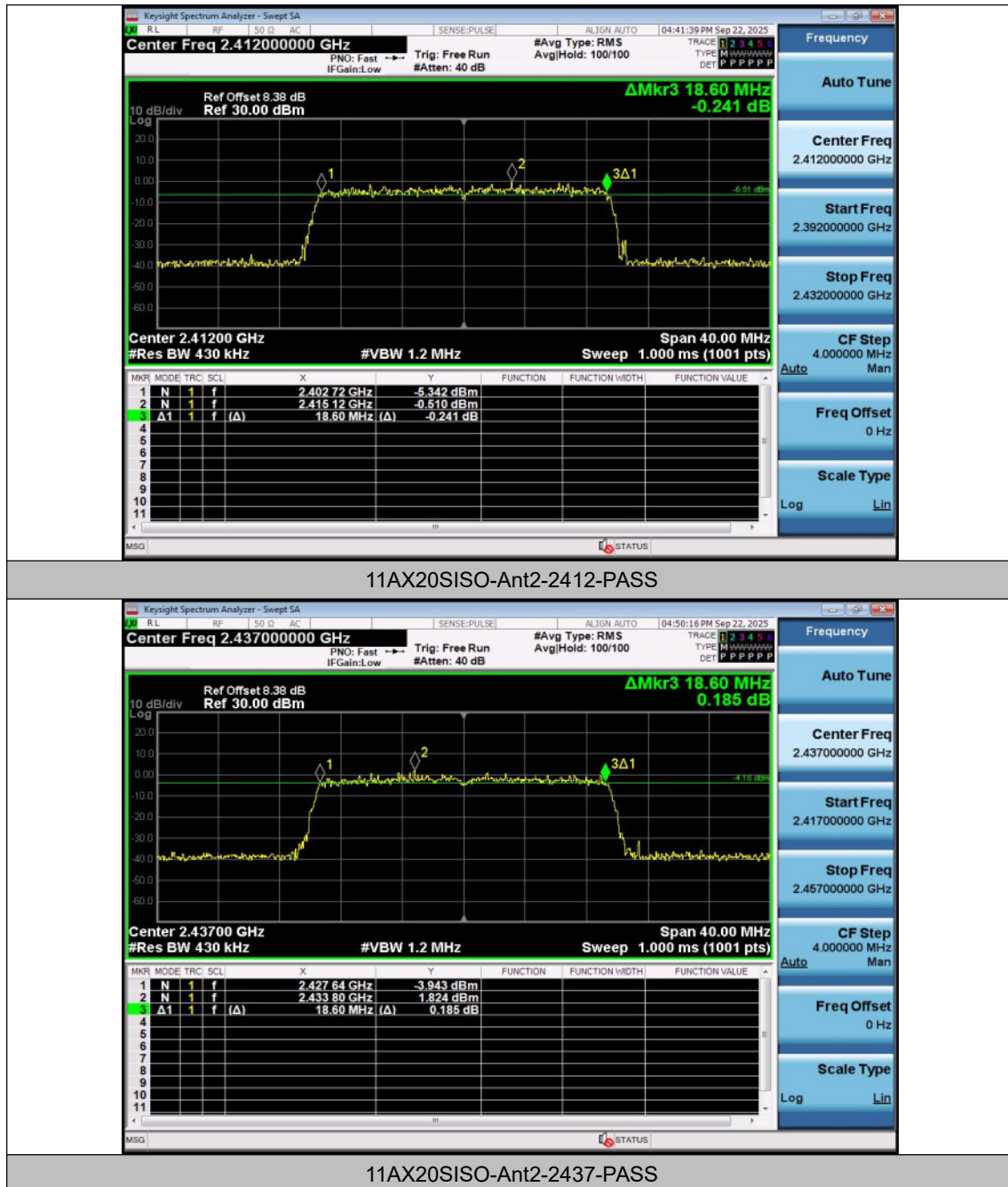
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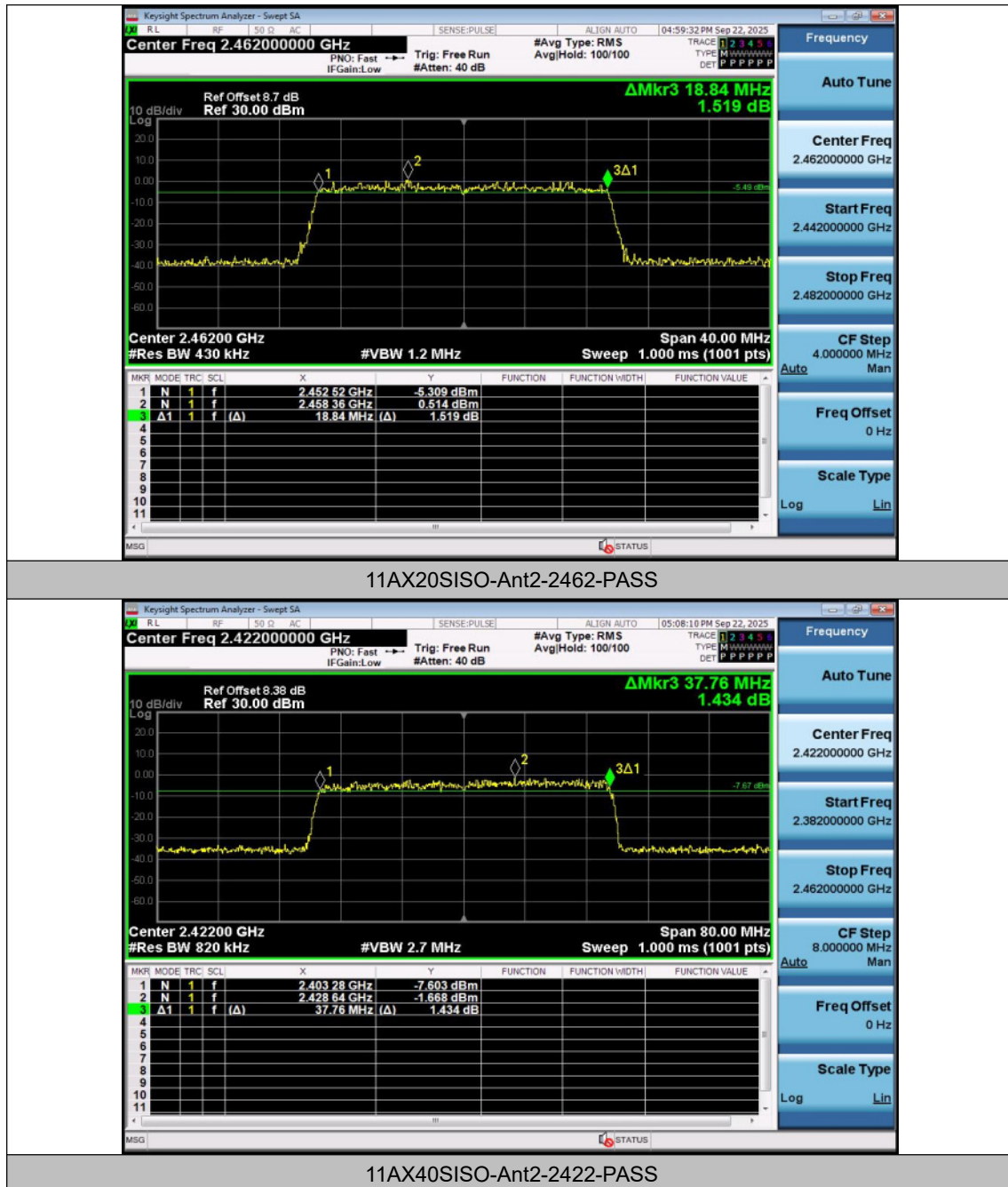




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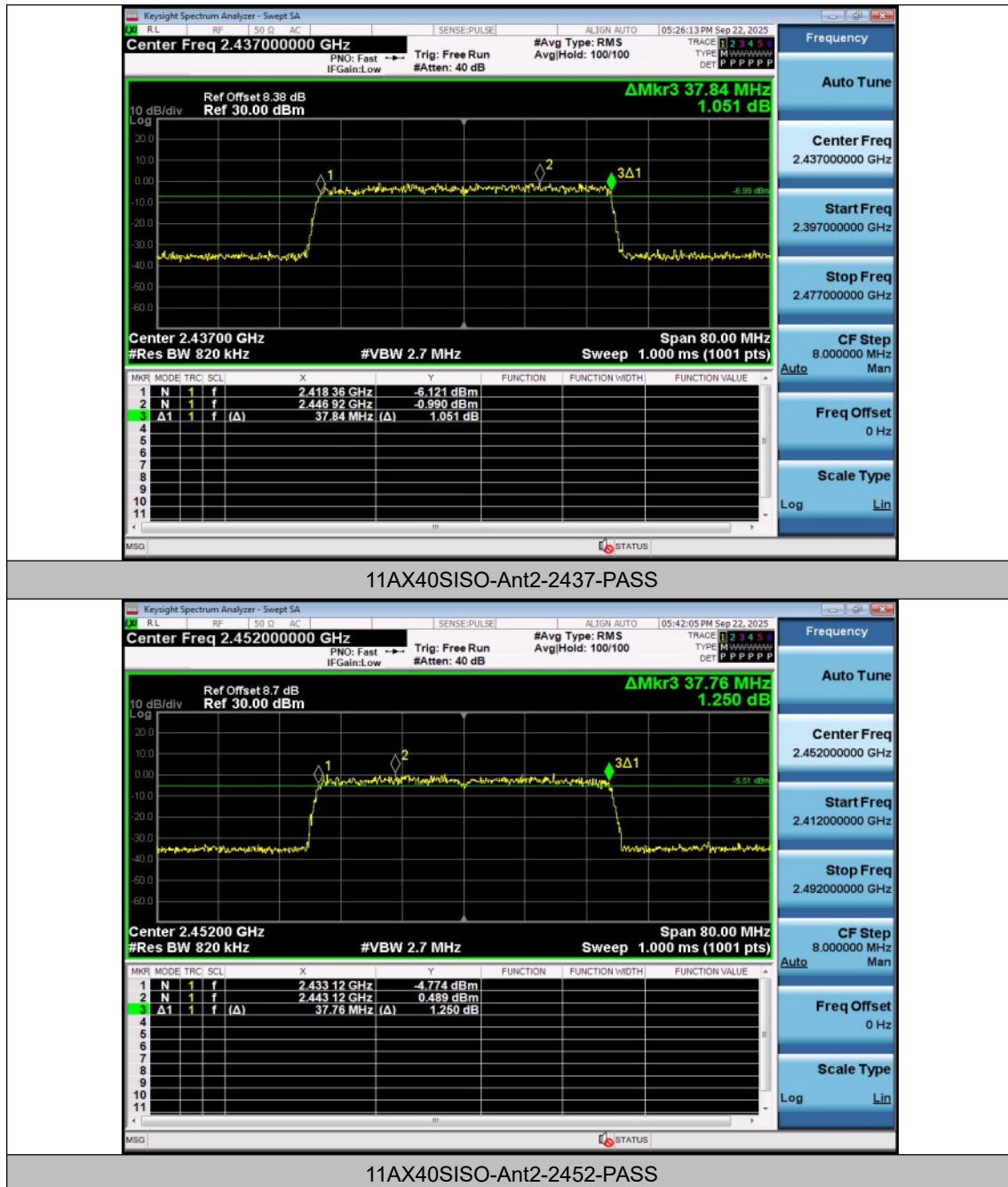
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Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Output power PK (dBm)	Limit [dBm]	Result
11B	Ant1	2412	13.21	≤30.00	PASS
11B	Ant1	2437	13.33	≤30.00	PASS
11B	Ant1	2462	12.16	≤30.00	PASS
11G	Ant1	2412	13.74	≤30.00	PASS
11G	Ant1	2437	13.60	≤30.00	PASS
11G	Ant1	2462	13.43	≤30.00	PASS
11N20SISO	Ant1	2412	12.94	≤30.00	PASS
11N20SISO	Ant1	2437	13.65	≤30.00	PASS
11N20SISO	Ant1	2462	13.39	≤30.00	PASS
11N40SISO	Ant1	2422	13.66	≤30.00	PASS
11N40SISO	Ant1	2437	13.26	≤30.00	PASS
11N40SISO	Ant1	2452	13.18	≤30.00	PASS
11AX20SISO	Ant1	2412	13.62	≤30.00	PASS
11AX20SISO	Ant1	2437	13.06	≤30.00	PASS
11AX20SISO	Ant1	2462	12.85	≤30.00	PASS
11AX40SISO	Ant1	2422	12.00	≤30.00	PASS
11AX40SISO	Ant1	2437	14.00	≤30.00	PASS
11AX40SISO	Ant1	2452	12.42	≤30.00	PASS



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Ant 2

Test Result

Test Mode	Antenna	Frequency[MHz]	Output power PK (dBm)	Limit [dBm]	Result
11B	Ant2	2412	12.92	≤30.00	PASS
11B	Ant2	2437	12.82	≤30.00	PASS
11B	Ant2	2462	12.33	≤30.00	PASS
11G	Ant2	2412	12.02	≤30.00	PASS
11G	Ant2	2437	13.97	≤30.00	PASS
11G	Ant2	2462	14.13	≤30.00	PASS
11N20SISO	Ant2	2412	12.57	≤30.00	PASS
11N20SISO	Ant2	2437	12.80	≤30.00	PASS
11N20SISO	Ant2	2462	13.17	≤30.00	PASS
11N40SISO	Ant2	2422	11.16	≤30.00	PASS
11N40SISO	Ant2	2437	13.88	≤30.00	PASS
11N40SISO	Ant2	2452	13.99	≤30.00	PASS
11AX20SISO	Ant2	2412	12.67	≤30.00	PASS
11AX20SISO	Ant2	2437	13.64	≤30.00	PASS
11AX20SISO	Ant2	2462	13.94	≤30.00	PASS
11AX40SISO	Ant2	2422	13.90	≤30.00	PASS
11AX40SISO	Ant2	2437	13.53	≤30.00	PASS
11AX40SISO	Ant2	2452	13.94	≤30.00	PASS



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MIMO

Type	Channel	Output power PK(dBm) ANT1	Output power PK(dBm) ANT2	Output power PK(dBm) MIMO	Limit (dBm)	Result
802.11n HT20	01	12.94	12.57	15.77	27.46	Pass
	06	13.65	12.80	16.26		
	11	13.39	13.17	16.29		
802.11n HT40	03	13.66	11.16	15.60	27.46	Pass
	06	13.26	13.88	16.59		
	09	13.18	13.99	16.61		
802.11ax HE20	01	13.62	12.67	16.18	27.46	Pass
	06	13.06	13.64	16.37		
	11	12.85	13.94	16.44		
802.11ax HE40	03	12.00	13.90	16.06	27.46	Pass
	06	14.00	13.53	16.78		
	09	12.42	13.94	16.26		

Remark: Directional gain is 8.54 dBi.



Appendix C: Maximum power spectral density

Test Result

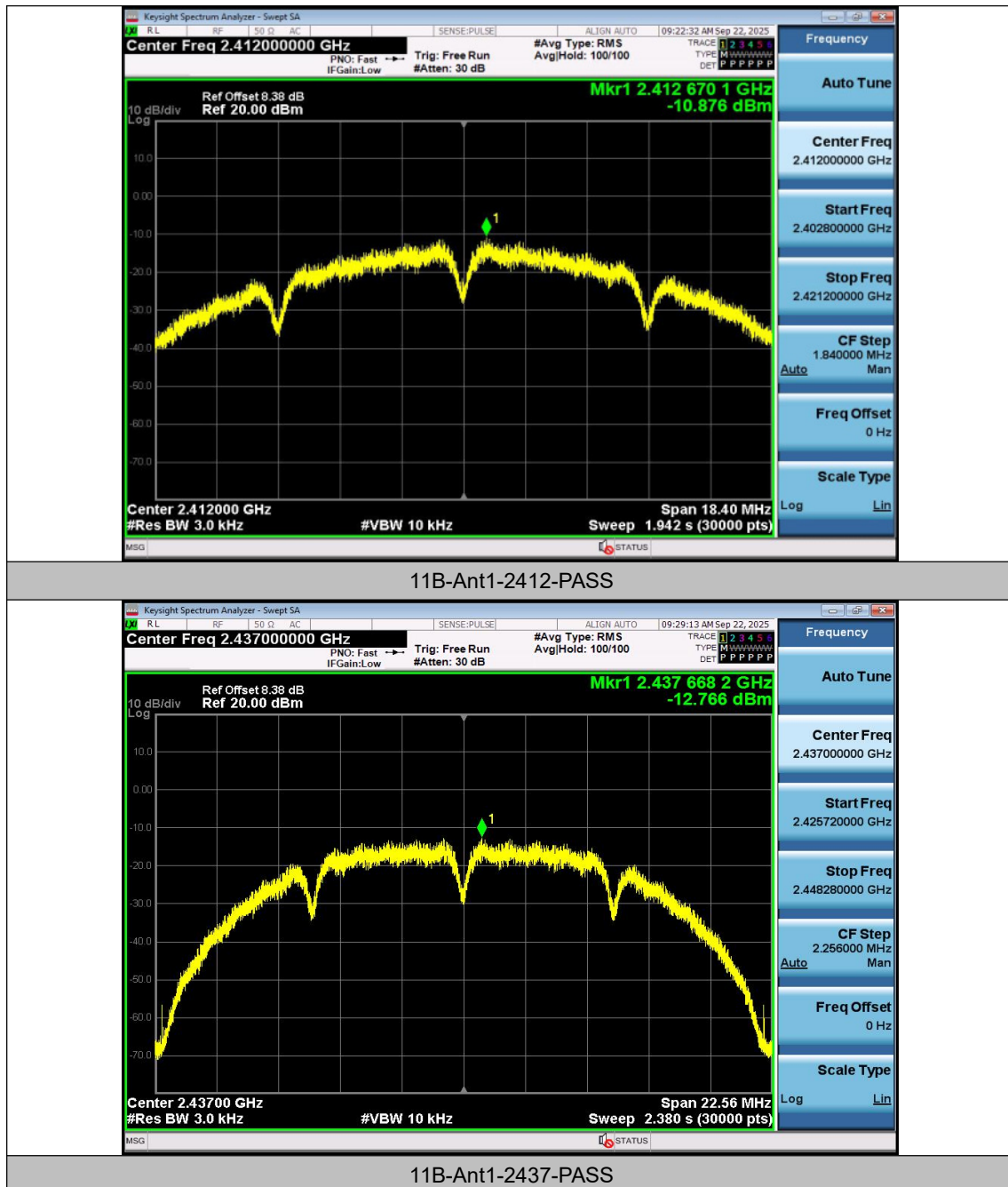
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.88	≤8.00	PASS
11B	Ant1	2437	-12.77	≤8.00	PASS
11B	Ant1	2462	-13.95	≤8.00	PASS
11G	Ant1	2412	-19.60	≤8.00	PASS
11G	Ant1	2437	-19.96	≤8.00	PASS
11G	Ant1	2462	-19.97	≤8.00	PASS
11N20SISO	Ant1	2412	-20.16	≤8.00	PASS
11N20SISO	Ant1	2437	-19.79	≤8.00	PASS
11N20SISO	Ant1	2462	-19.93	≤8.00	PASS
11N40SISO	Ant1	2422	-22.21	≤8.00	PASS
11N40SISO	Ant1	2437	-22.08	≤8.00	PASS
11N40SISO	Ant1	2452	-22.46	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.77	≤8.00	PASS
11AX20SISO	Ant1	2437	-19.76	≤8.00	PASS
11AX20SISO	Ant1	2462	-19.74	≤8.00	PASS
11AX40SISO	Ant1	2422	-23.78	≤8.00	PASS
11AX40SISO	Ant1	2437	-21.66	≤8.00	PASS
11AX40SISO	Ant1	2452	-23.19	≤8.00	PASS



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Test Graphs





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