



11BE160MIMO-Ant3-5250_UNII-2A-TPC_H-PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	1.92	11.00	PASS
11A	Ant2	5260	1.86	11.00	PASS
11A	Ant3	5260	1.67	11.00	PASS
11A	Ant1	5300	1.40	11.00	PASS
11A	Ant2	5300	1.23	11.00	PASS
11A	Ant3	5300	1.21	11.00	PASS
11A	Ant1	5320	1.36	11.00	PASS
11A	Ant2	5320	1.20	11.00	PASS
11A	Ant3	5320	1.44	11.00	PASS
11N20SISO	Ant1	5260	1.76	11.00	PASS
11N20SISO	Ant2	5260	1.49	11.00	PASS
11N20SISO	Ant3	5260	1.32	11.00	PASS
11N20SISO	Ant1	5300	1.19	11.00	PASS
11N20SISO	Ant2	5300	0.89	11.00	PASS
11N20SISO	Ant3	5300	0.90	11.00	PASS
11N20SISO	Ant1	5320	1.12	11.00	PASS
11N20SISO	Ant2	5320	0.89	11.00	PASS
11N20SISO	Ant3	5320	0.91	11.00	PASS
11N20MIMO	Ant1	5260	-11.61	11.00	PASS
11N20MIMO	Ant2	5260	-11.86	11.00	PASS
11N20MIMO	Ant3	5260	-11.93	11.00	PASS
11N20MIMO	total	5260	-7.03	1.21	PASS
11N20MIMO	Ant1	5300	-11.85	11.00	PASS
11N20MIMO	Ant2	5300	-12.13	11.00	PASS
11N20MIMO	Ant3	5300	-12.99	11.00	PASS
11N20MIMO	total	5300	-7.53	1.21	PASS
11N20MIMO	Ant1	5320	-11.62	11.00	PASS
11N20MIMO	Ant2	5320	-11.92	11.00	PASS
11N20MIMO	Ant3	5320	-12.82	11.00	PASS
11N20MIMO	total	5320	-7.32	1.21	PASS
11N40SISO	Ant1	5270	0.73	11.00	PASS
11N40SISO	Ant2	5270	0.79	11.00	PASS
11N40SISO	Ant3	5270	0.60	11.00	PASS
11N40SISO	Ant1	5310	0.66	11.00	PASS
11N40SISO	Ant2	5310	0.45	11.00	PASS
11N40SISO	Ant3	5310	0.55	11.00	PASS
11N40MIMO	Ant1	5270	-13.69	11.00	PASS

11N40MIMO	Ant2	5270	-14.06	11.00	PASS
11N40MIMO	Ant3	5270	-14.21	11.00	PASS
11N40MIMO	total	5270	-9.21	1.21	PASS
11N40MIMO	Ant1	5310	-13.68	11.00	PASS
11N40MIMO	Ant2	5310	-13.94	11.00	PASS
11N40MIMO	Ant3	5310	-14.85	11.00	PASS
11N40MIMO	total	5310	-9.36	1.21	PASS
11AC20SISO	Ant1	5260	2.05	11.00	PASS
11AC20SISO	Ant2	5260	1.89	11.00	PASS
11AC20SISO	Ant3	5260	1.71	11.00	PASS
11AC20SISO	Ant1	5300	1.81	11.00	PASS
11AC20SISO	Ant2	5300	1.11	11.00	PASS
11AC20SISO	Ant3	5300	1.22	11.00	PASS
11AC20SISO	Ant1	5320	1.72	11.00	PASS
11AC20SISO	Ant2	5320	1.14	11.00	PASS
11AC20SISO	Ant3	5320	1.29	11.00	PASS
11AC20MIMO	Ant1	5260	-11.57	11.00	PASS
11AC20MIMO	Ant2	5260	-11.74	11.00	PASS
11AC20MIMO	Ant3	5260	-11.91	11.00	PASS
11AC20MIMO	total	5260	-6.97	1.21	PASS
11AC20MIMO	Ant1	5300	-11.63	11.00	PASS
11AC20MIMO	Ant2	5300	-12.11	11.00	PASS
11AC20MIMO	Ant3	5300	-12.81	11.00	PASS
11AC20MIMO	total	5300	-7.39	1.21	PASS
11AC20MIMO	Ant1	5320	-11.79	11.00	PASS
11AC20MIMO	Ant2	5320	-12.03	11.00	PASS
11AC20MIMO	Ant3	5320	-12.75	11.00	PASS
11AC20MIMO	total	5320	-7.40	1.21	PASS
11AC40SISO	Ant1	5270	0.65	11.00	PASS
11AC40SISO	Ant2	5270	0.96	11.00	PASS
11AC40SISO	Ant3	5270	0.90	11.00	PASS
11AC40SISO	Ant1	5310	0.65	11.00	PASS
11AC40SISO	Ant2	5310	0.68	11.00	PASS
11AC40SISO	Ant3	5310	0.95	11.00	PASS
11AC40MIMO	Ant1	5270	-13.72	11.00	PASS
11AC40MIMO	Ant2	5270	-13.80	11.00	PASS
11AC40MIMO	Ant3	5270	-14.05	11.00	PASS
11AC40MIMO	total	5270	-9.08	1.21	PASS
11AC40MIMO	Ant1	5310	-13.45	11.00	PASS
11AC40MIMO	Ant2	5310	-13.94	11.00	PASS
11AC40MIMO	total	5310	-9.21	1.21	PASS

11AC40MIMO	Ant3	5310	-14.65	11.00	PASS
11AC80SISO	Ant1	5290	-3.08	11.00	PASS
11AC80SISO	Ant2	5290	-2.70	11.00	PASS
11AC80SISO	Ant3	5290	-2.10	11.00	PASS
11AC80MIMO	Ant1	5290	-14.77	11.00	PASS
11AC80MIMO	Ant2	5290	-14.53	11.00	PASS
11AC80MIMO	Ant3	5290	-15.42	11.00	PASS
11AC80MIMO	total	5290	-10.12	1.21	PASS
11AX20SISO	Ant1	5260	1.78	11.00	PASS
11AX20SISO	Ant2	5260	1.90	11.00	PASS
11AX20SISO	Ant3	5260	1.52	11.00	PASS
11AX20SISO	Ant1	5300	1.20	11.00	PASS
11AX20SISO	Ant2	5300	1.19	11.00	PASS
11AX20SISO	Ant3	5300	1.39	11.00	PASS
11AX20SISO	Ant1	5320	1.28	11.00	PASS
11AX20SISO	Ant2	5320	1.17	11.00	PASS
11AX20SISO	Ant3	5320	1.45	11.00	PASS
11AX20MIMO	Ant1	5260	-11.61	11.00	PASS
11AX20MIMO	Ant2	5260	-11.97	11.00	PASS
11AX20MIMO	Ant3	5260	-11.77	11.00	PASS
11AX20MIMO	total	5260	-7.01	1.21	PASS
11AX20MIMO	Ant1	5300	-11.76	11.00	PASS
11AX20MIMO	Ant2	5300	-12.02	11.00	PASS
11AX20MIMO	Ant3	5300	-12.60	11.00	PASS
11AX20MIMO	total	5300	-7.34	1.21	PASS
11AX20MIMO	Ant1	5320	-11.77	11.00	PASS
11AX20MIMO	Ant2	5320	-11.89	11.00	PASS
11AX20MIMO	Ant3	5320	-12.70	11.00	PASS
11AX20MIMO	total	5320	-7.33	1.21	PASS
11AX40SISO	Ant1	5270	0.99	11.00	PASS
11AX40SISO	Ant2	5270	1.10	11.00	PASS
11AX40SISO	Ant3	5270	1.17	11.00	PASS
11AX40SISO	Ant1	5310	0.98	11.00	PASS
11AX40SISO	Ant2	5310	0.84	11.00	PASS
11AX40SISO	Ant3	5310	1.26	11.00	PASS
11AX40MIMO	Ant1	5270	-13.69	11.00	PASS
11AX40MIMO	Ant2	5270	-13.52	11.00	PASS
11AX40MIMO	Ant3	5270	-13.74	11.00	PASS
11AX40MIMO	total	5270	-8.88	1.21	PASS
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11AX40MIMO	Ant2	5310	-13.53	11.00	PASS

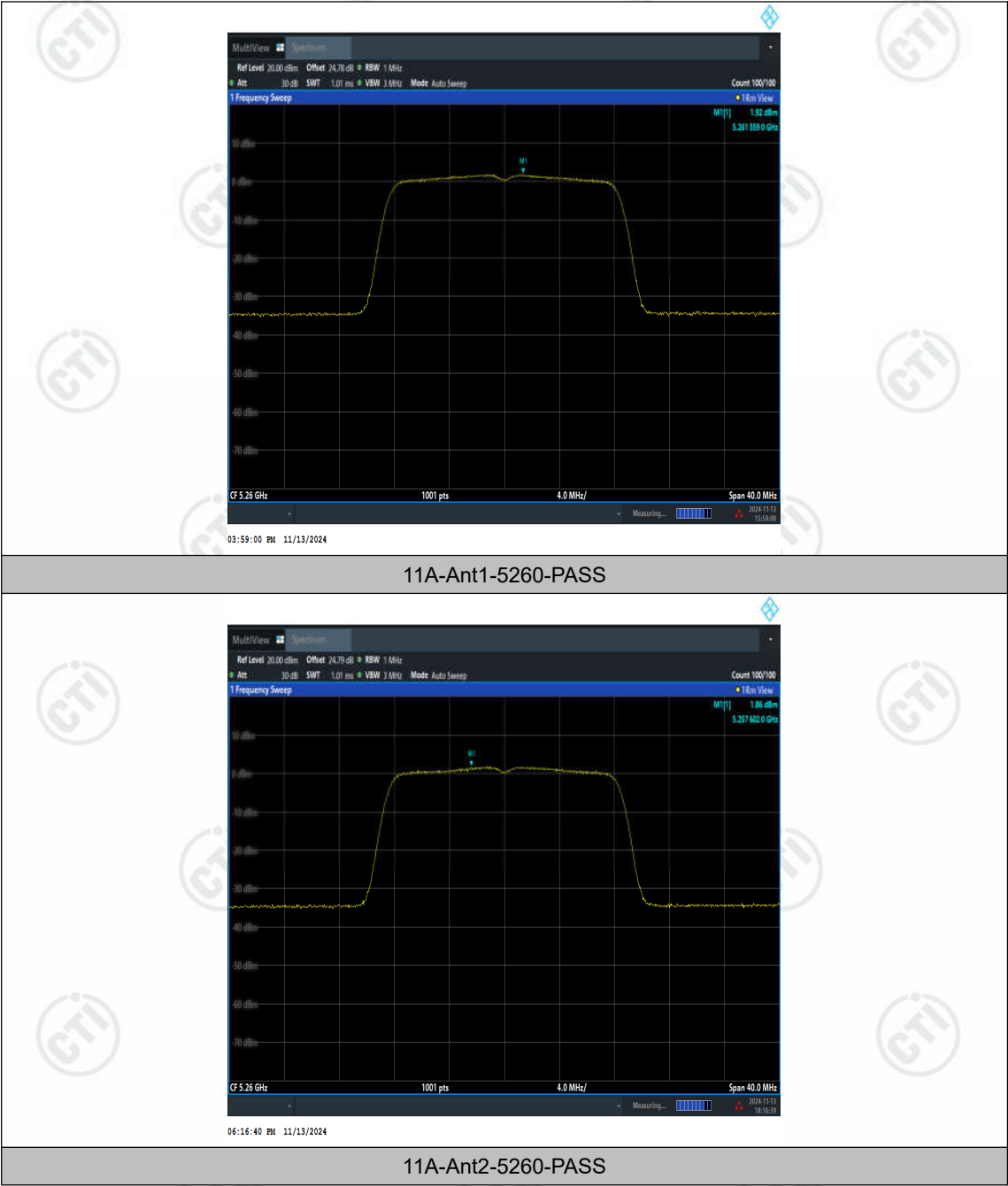
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11AX80SISO	Ant1	5290	-3.24	11.00	PASS
11AX80SISO	Ant2	5290	-2.09	11.00	PASS
11AX80SISO	Ant3	5290	-2.44	11.00	PASS
11AX80MIMO	Ant1	5290	-14.71	11.00	PASS
11AX80MIMO	Ant2	5290	-14.78	11.00	PASS
11AX80MIMO	Ant3	5290	-15.77	11.00	PASS
11AX80MIMO	total	5290	-10.29	1.21	PASS
11AC160SISO	Ant1	5250_UNII-2A	-4.66	11.00	PASS
11AC160SISO	Ant2	5250_UNII-2A	-4.77	11.00	PASS
11AC160SISO	Ant3	5250_UNII-2A	-4.90	11.00	PASS
11AC160MIMO	Ant1	5250_UNII-2A	-16.02	11.00	PASS
11AC160MIMO	Ant2	5250_UNII-2A	-16.67	11.00	PASS
11AC160MIMO	Ant3	5250_UNII-2A	-16.58	11.00	PASS
11AC160MIMO	total	5250_UNII-2A	-11.64	1.21	PASS
11AX160SISO	Ant1	5250_UNII-2A	-5.42	11.00	PASS
11AX160SISO	Ant2	5250_UNII-2A	-4.47	11.00	PASS
11AX160SISO	Ant3	5250_UNII-2A	-4.73	11.00	PASS
11AX160MIMO	Ant1	5250_UNII-2A	-16.99	11.00	PASS
11AX160MIMO	Ant2	5250_UNII-2A	-16.85	11.00	PASS
11AX160MIMO	Ant3	5250_UNII-2A	-17.45	11.00	PASS
11AX160MIMO	total	5250_UNII-2A	-12.32	1.21	PASS
11BE20SISO	Ant1	5260	1.55	11.00	PASS
11BE20SISO	Ant2	5260	1.54	11.00	PASS
11BE20SISO	Ant3	5260	1.31	11.00	PASS
11BE20SISO	Ant1	5300	1.40	11.00	PASS
11BE20SISO	Ant2	5300	0.99	11.00	PASS
11BE20SISO	Ant3	5300	0.90	11.00	PASS
11BE20SISO	Ant1	5320	1.25	11.00	PASS
11BE20SISO	Ant2	5320	1.11	11.00	PASS
11BE20SISO	Ant3	5320	1.12	11.00	PASS
11BE20MIMO	Ant1	5260	-11.80	11.00	PASS
11BE20MIMO	Ant2	5260	-11.33	11.00	PASS
11BE20MIMO	Ant3	5260	-11.99	11.00	PASS
11BE20MIMO	total	5260	-6.93	1.21	PASS
11BE20MIMO	Ant1	5300	-11.77	11.00	PASS
11BE20MIMO	Ant2	5300	-11.17	11.00	PASS
11BE20MIMO	Ant3	5300	-12.44	11.00	PASS
11BE20MIMO	total	5300	-6.99	1.21	PASS
11BE20MIMO	Ant1	5320	-11.58	11.00	PASS

11BE20MIMO	Ant2	5320	-11.56	11.00	PASS
11BE20MIMO	total	5320	-7.14	1.21	PASS
11BE20MIMO	Ant3	5320	-12.68	11.00	PASS
11BE40SISO	Ant1	5270	-0.49	11.00	PASS
11BE40SISO	Ant2	5270	-0.32	11.00	PASS
11BE40SISO	Ant3	5270	-0.91	11.00	PASS
11BE40SISO	Ant1	5310	-1.39	11.00	PASS
11BE40SISO	Ant2	5310	-0.44	11.00	PASS
11BE40SISO	Ant3	5310	-0.86	11.00	PASS
11BE40MIMO	Ant1	5270	-13.61	11.00	PASS
11BE40MIMO	Ant2	5270	-13.57	11.00	PASS
11BE40MIMO	Ant3	5270	-14.54	11.00	PASS
11BE40MIMO	total	5270	-9.11	1.21	PASS
11BE40MIMO	Ant1	5310	-13.71	11.00	PASS
11BE40MIMO	Ant2	5310	-13.38	11.00	PASS
11BE40MIMO	Ant3	5310	-14.69	11.00	PASS
11BE40MIMO	total	5310	-9.12	1.21	PASS
11BE80SISO	Ant1	5290	-4.40	11.00	PASS
11BE80SISO	Ant2	5290	-3.78	11.00	PASS
11BE80SISO	Ant3	5290	-3.99	11.00	PASS
11BE80MIMO	Ant1	5290	-16.91	11.00	PASS
11BE80MIMO	Ant2	5290	-16.68	11.00	PASS
11BE80MIMO	Ant3	5290	-17.65	11.00	PASS
11BE80MIMO	total	5290	-12.29	1.21	PASS
11BE160SISO	Ant1	5250_UNII-2A	-4.32	11.00	PASS
11BE160SISO	Ant2	5250_UNII-2A	-3.75	11.00	PASS
11BE160SISO	Ant3	5250_UNII-2A	-4.32	11.00	PASS
11BE160MIMO	Ant1	5250_UNII-2A	-16.49	11.00	PASS
11BE160MIMO	Ant2	5250_UNII-2A	-16.54	11.00	PASS
11BE160MIMO	Ant3	5250_UNII-2A	-16.89	11.00	PASS
11BE160MIMO	total	5250_UNII-2A	-11.87	1.21	PASS

Note:

- ①The Duty Cycle Factor and RBW Factor is compensated in the graph.
- ②Directional gain(dBi)=6.52+10*lg(3)+4.50=15.79dBi;

Test Graphs





11A-Ant3-5260-PASS



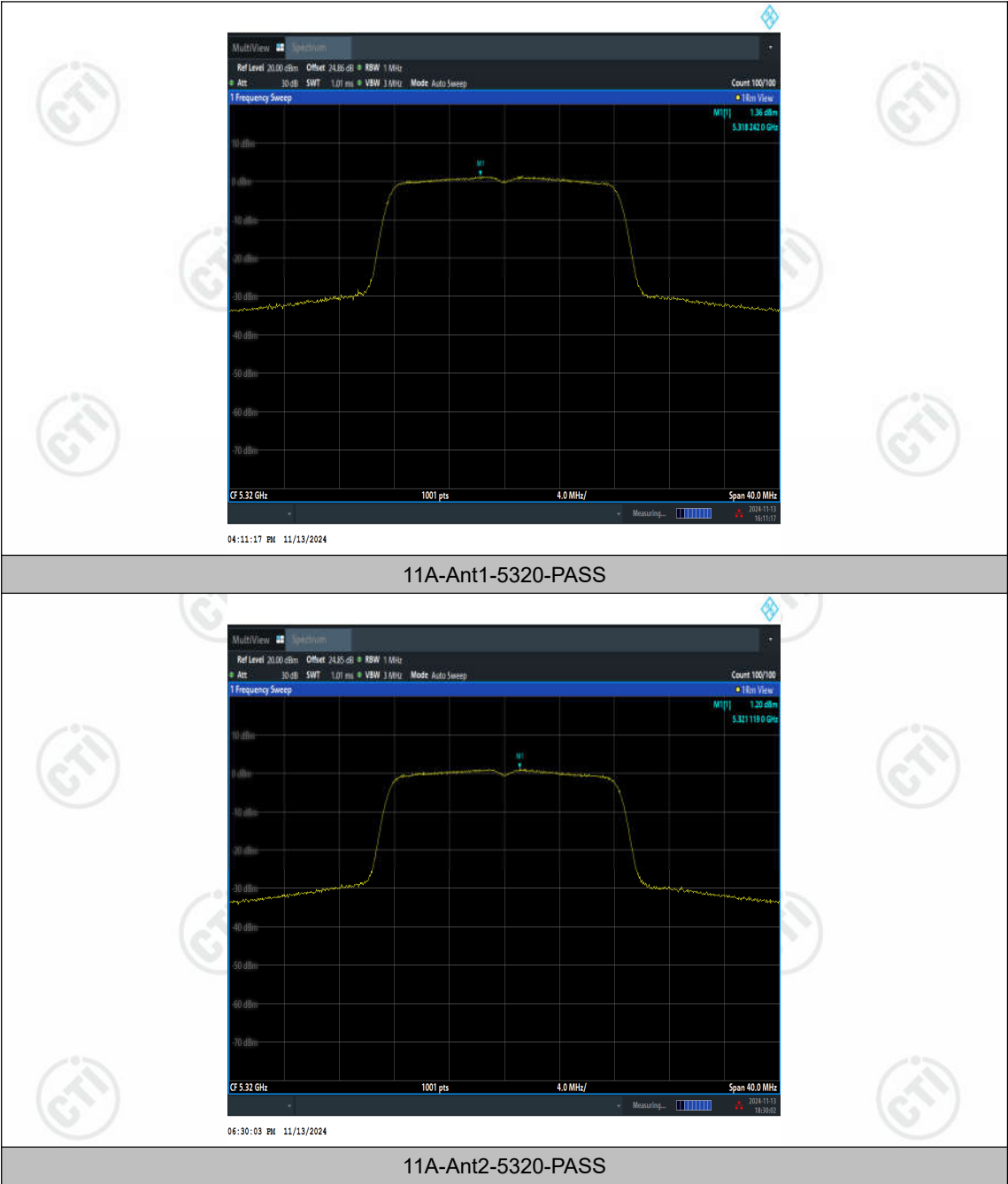
11A-Ant1-5300-PASS

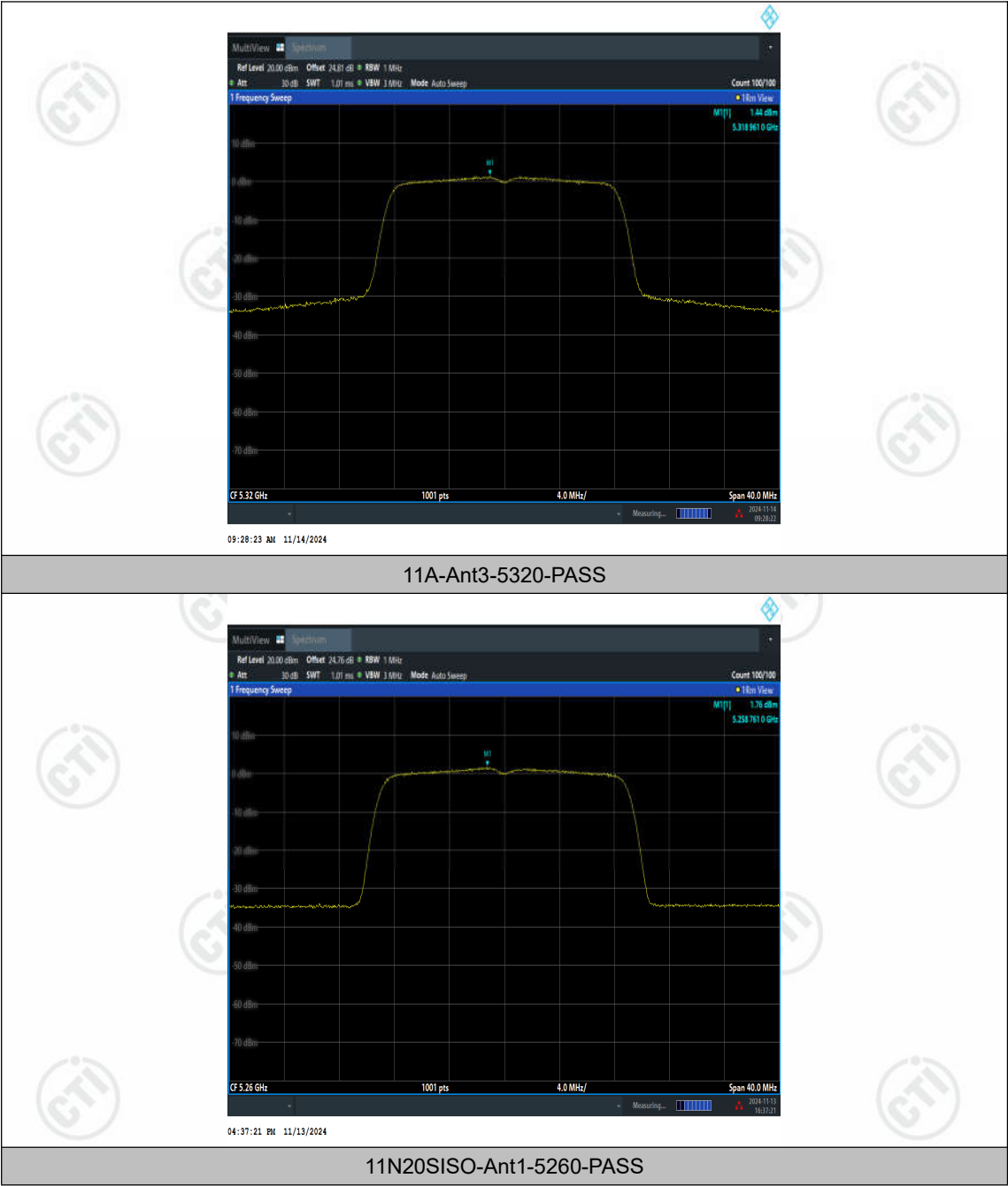


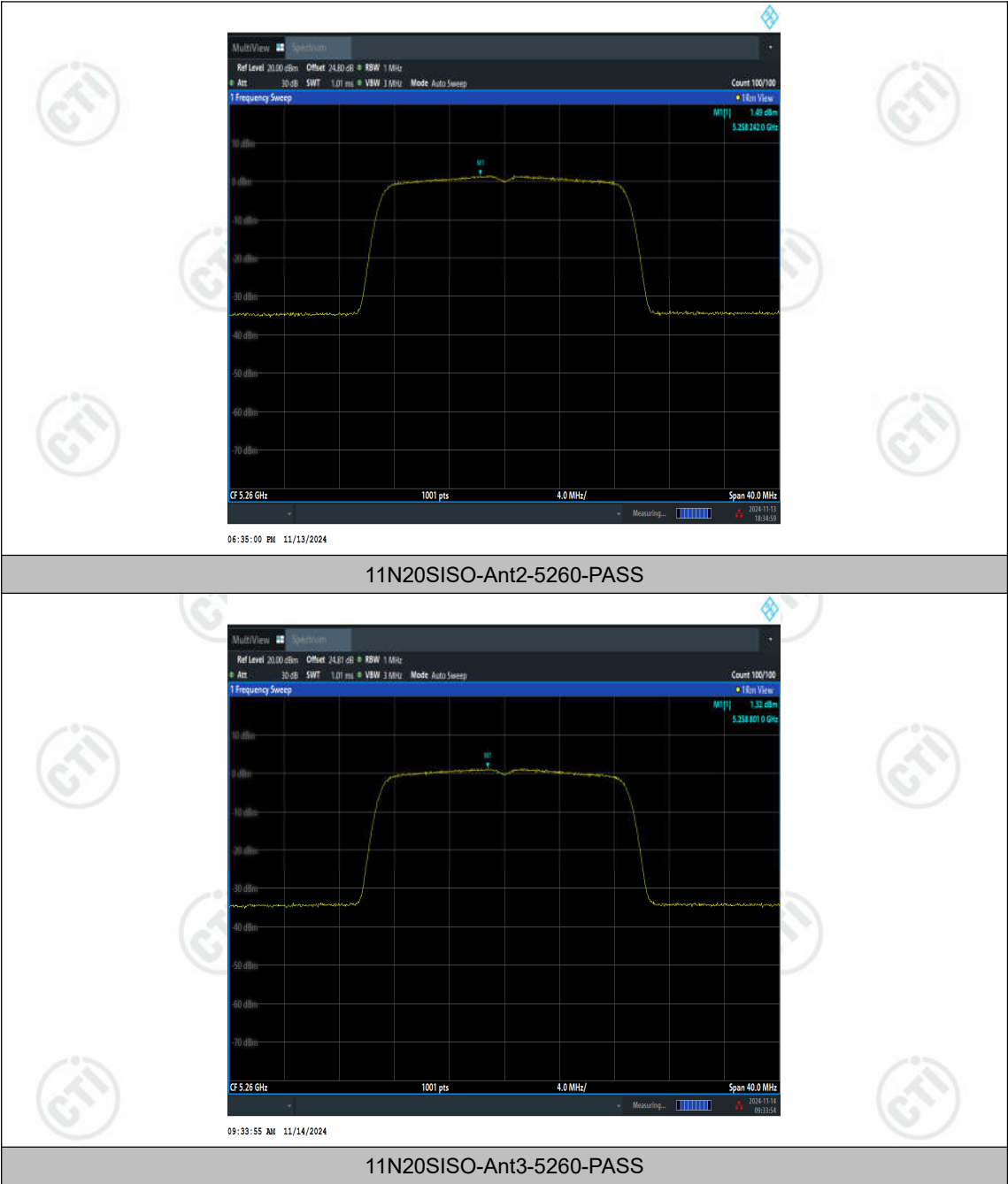
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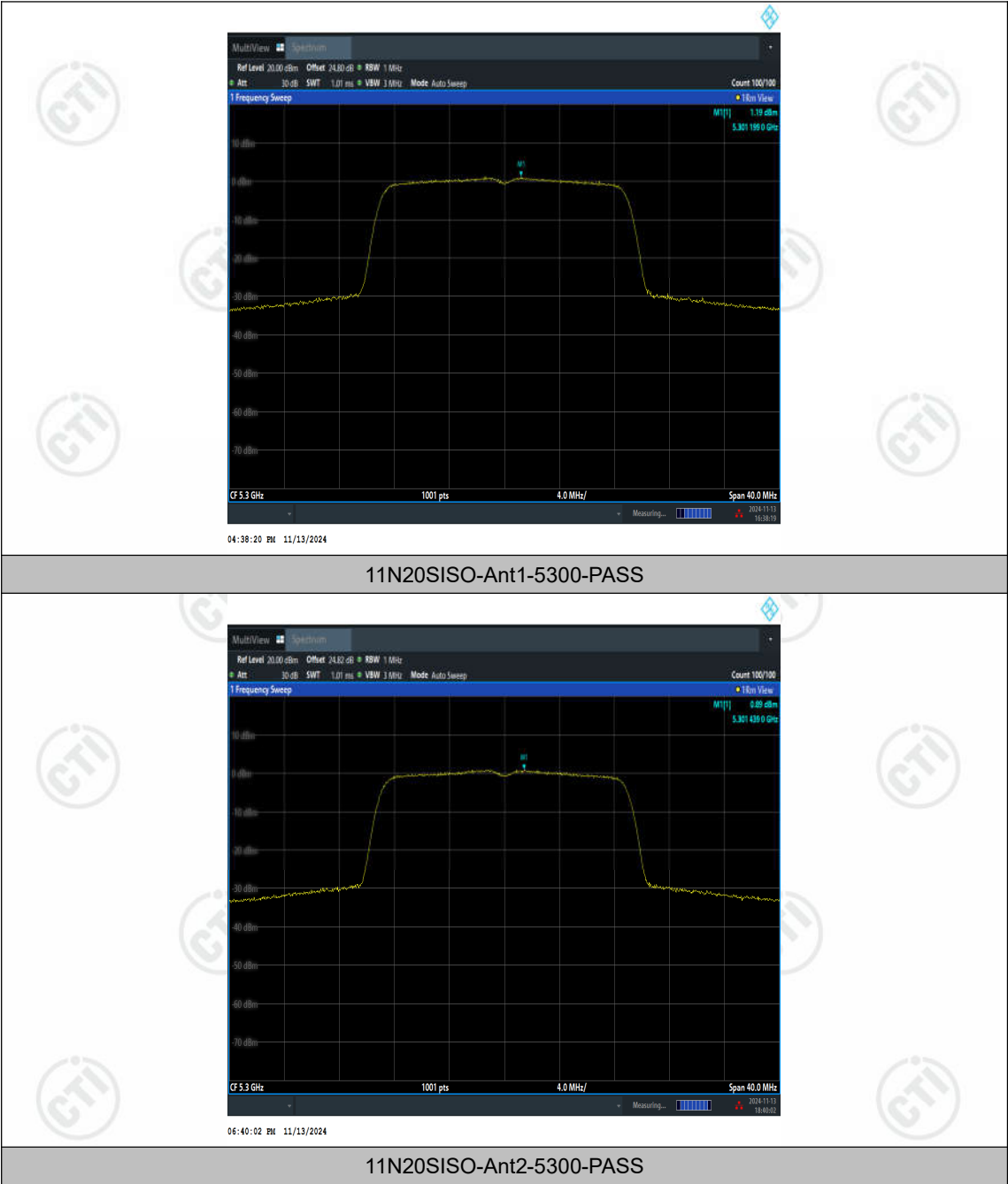


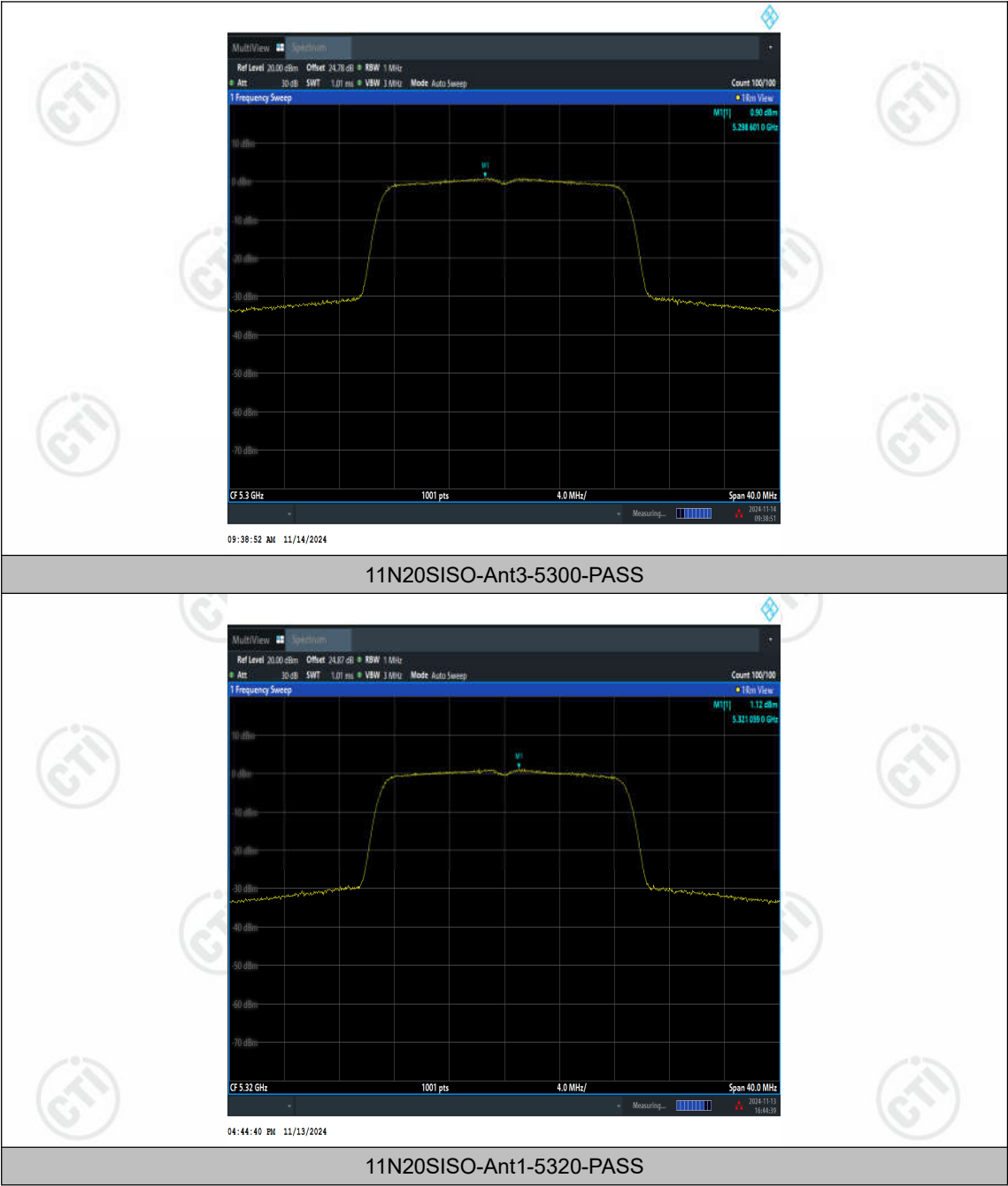
11A-Ant3-5300-PASS

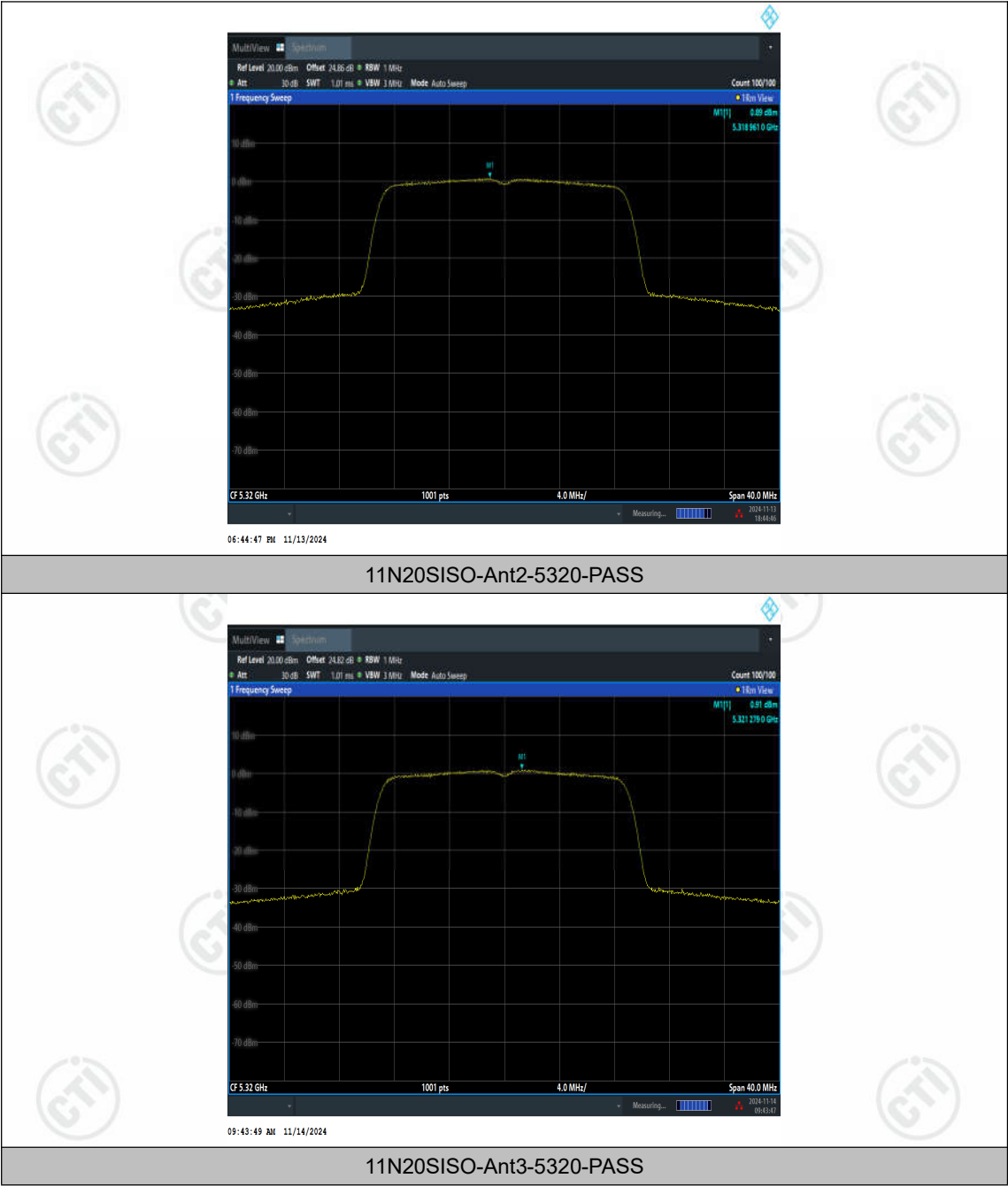












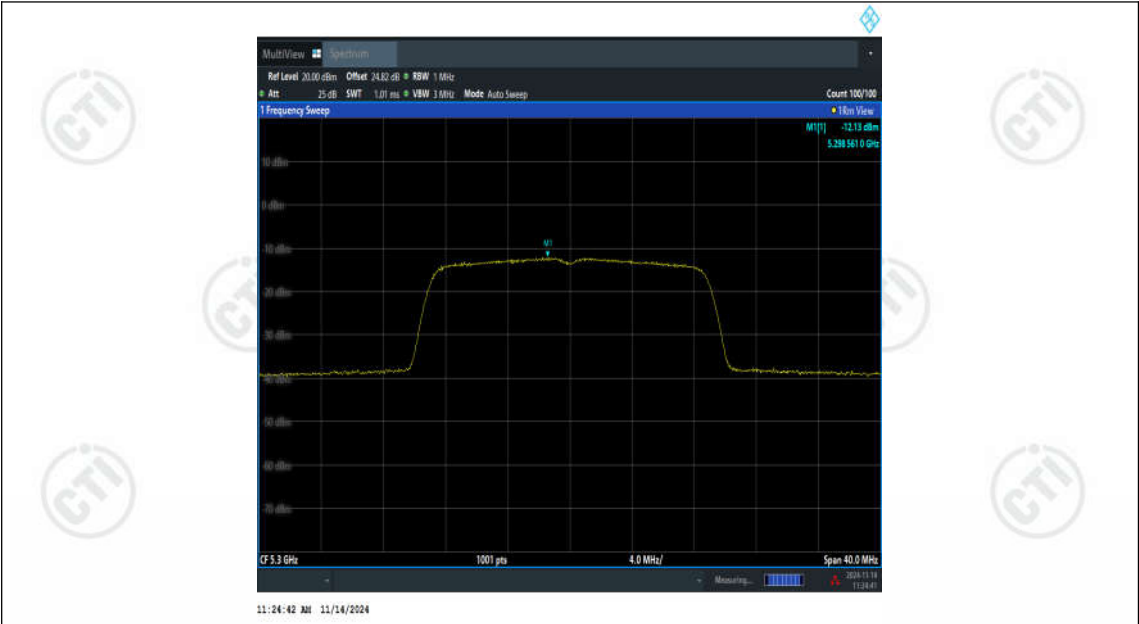


11N20MIMO-Ant1-5260-PASS

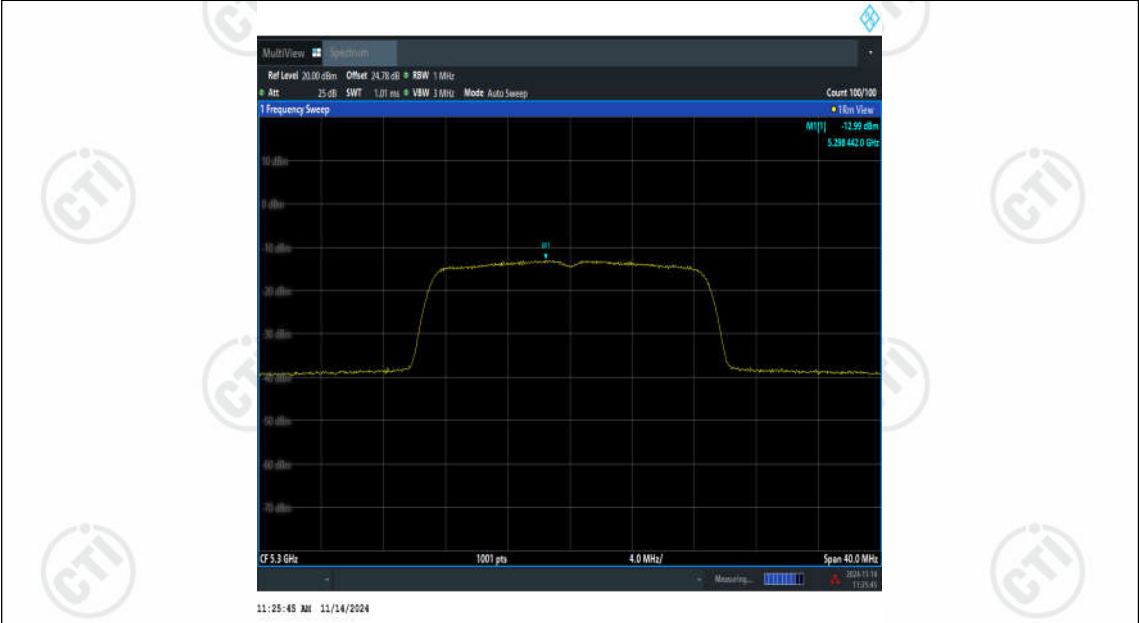


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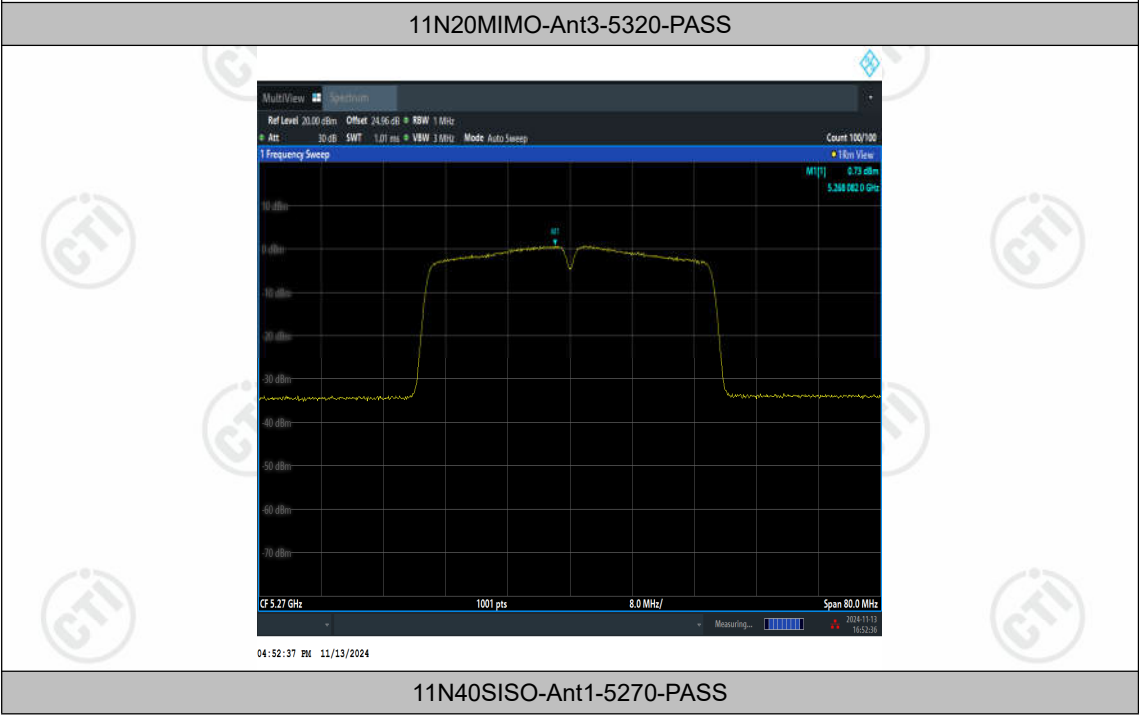


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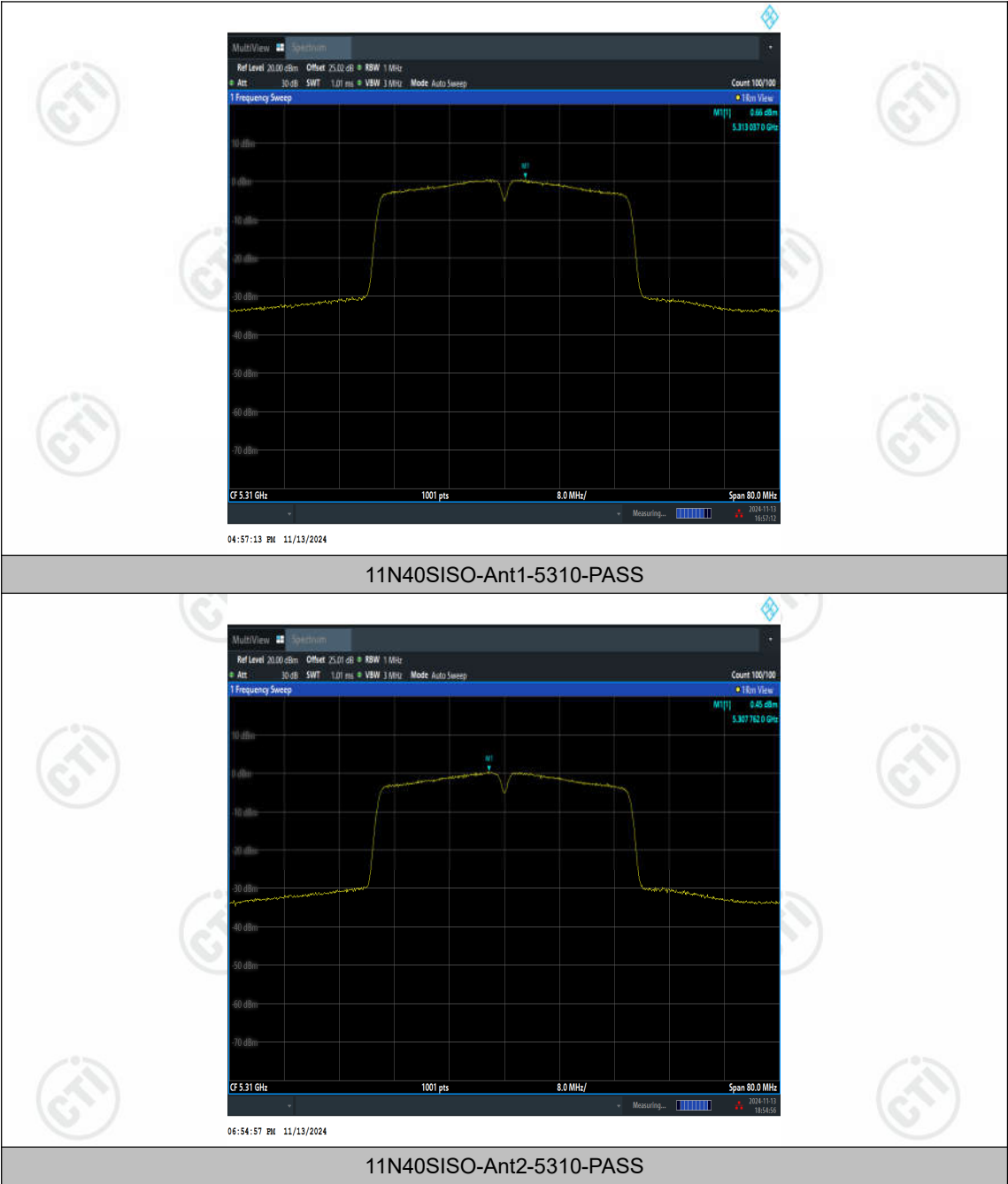


11N20MIMO-Ant3-5300-PASS









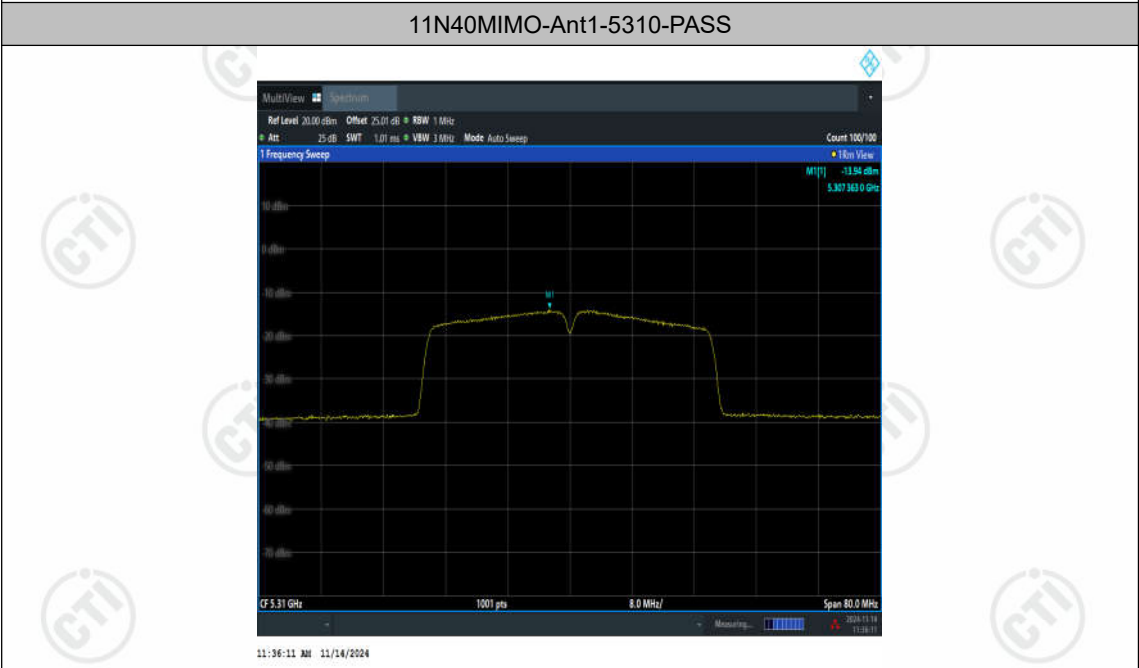




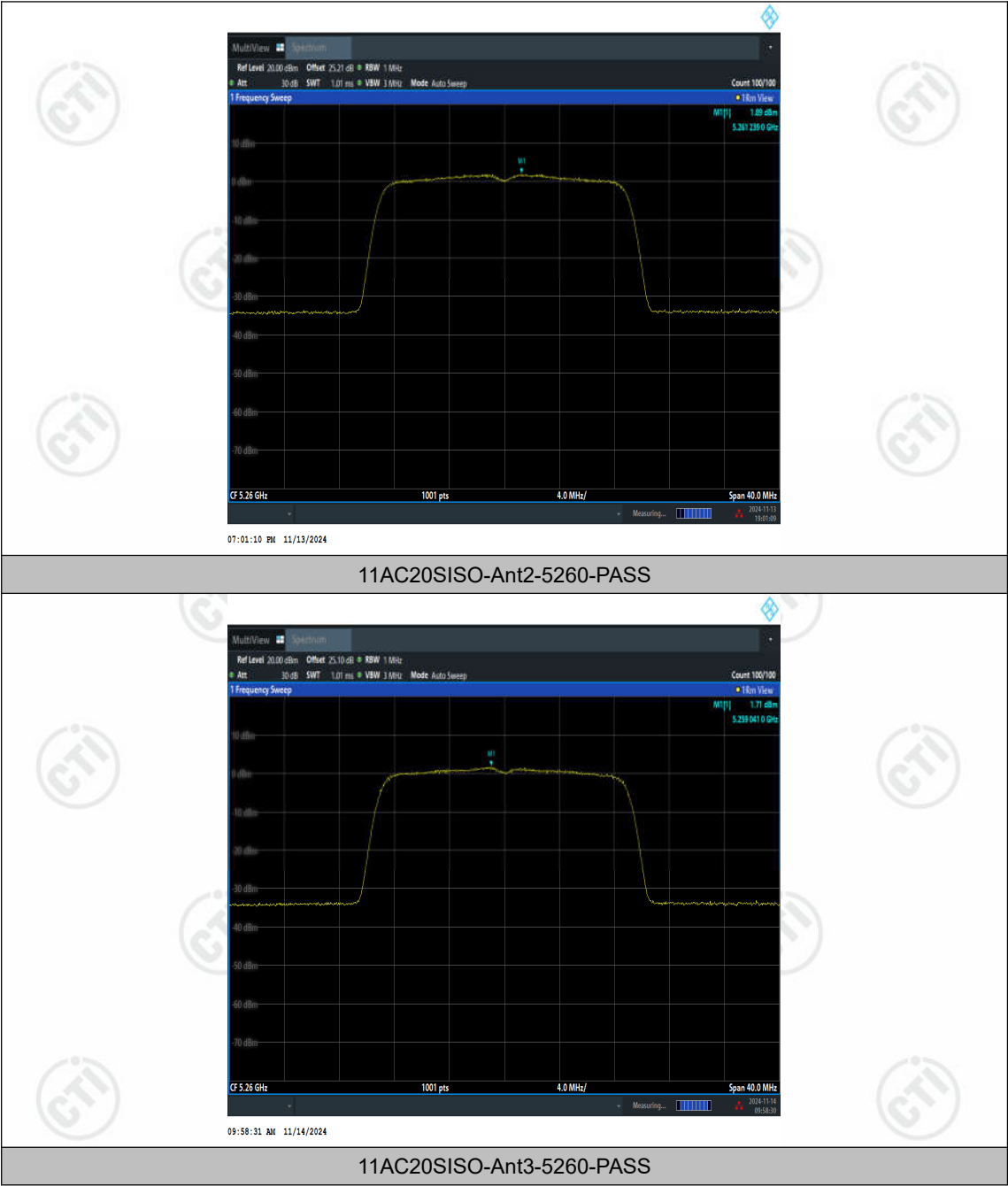
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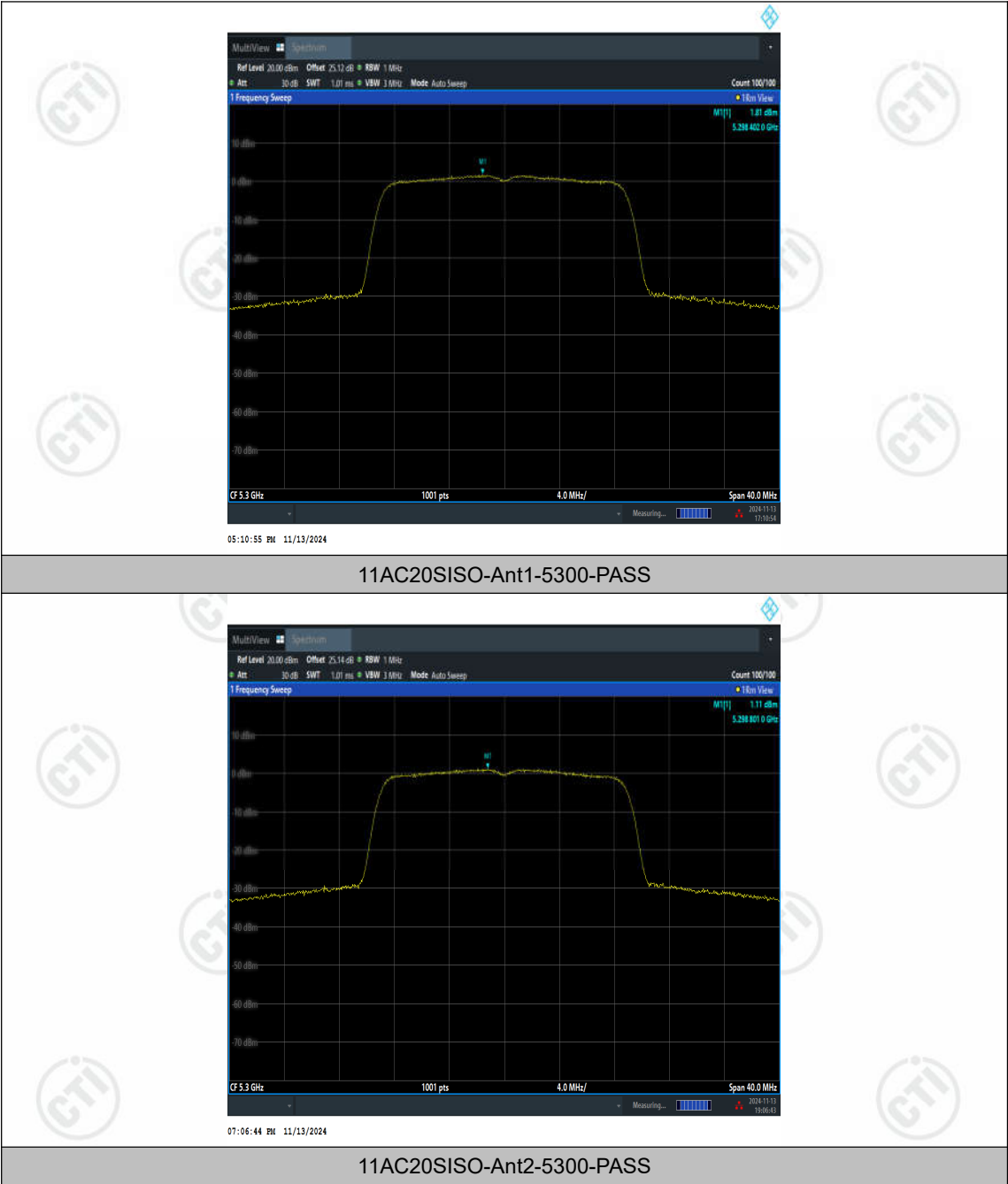


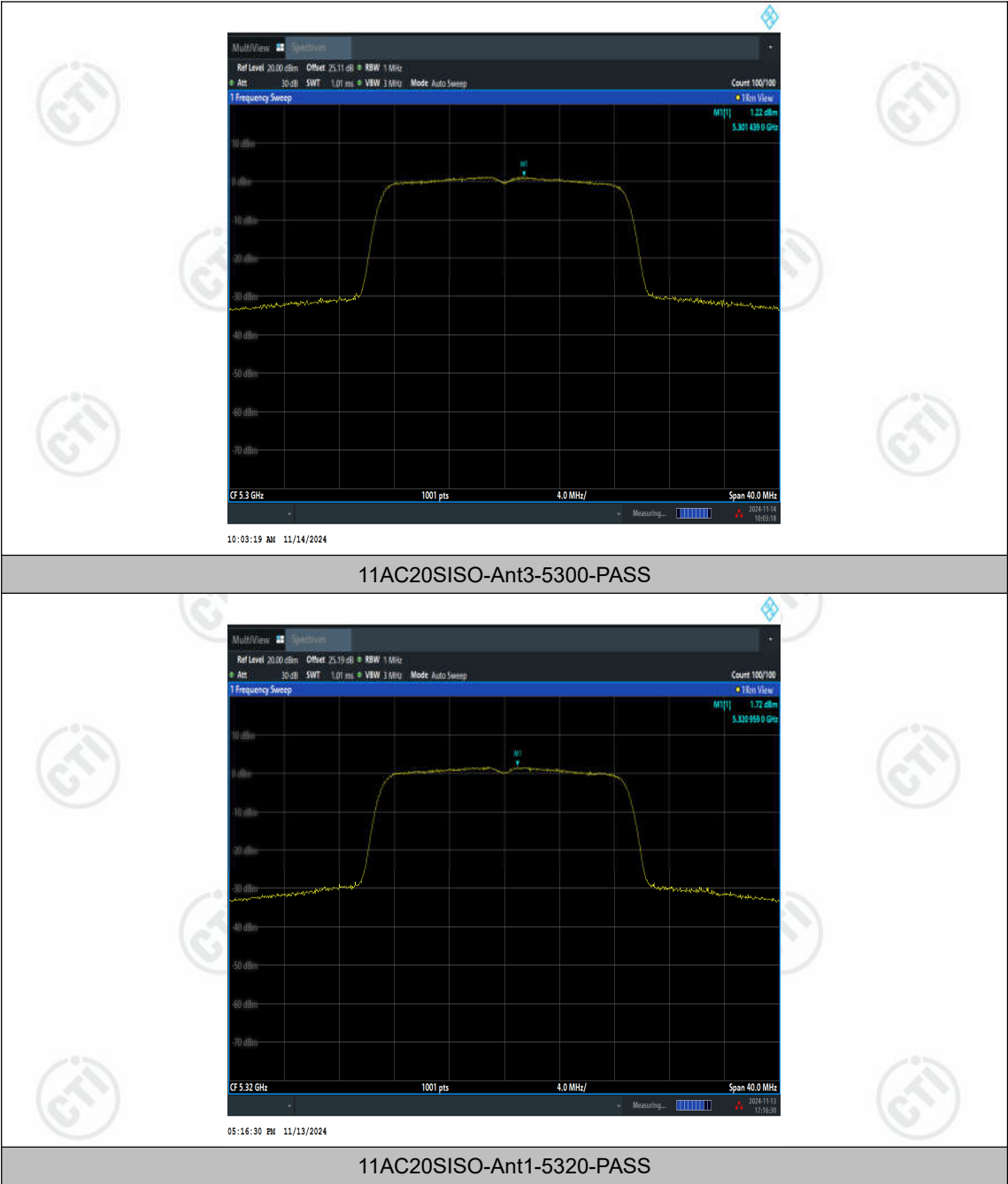
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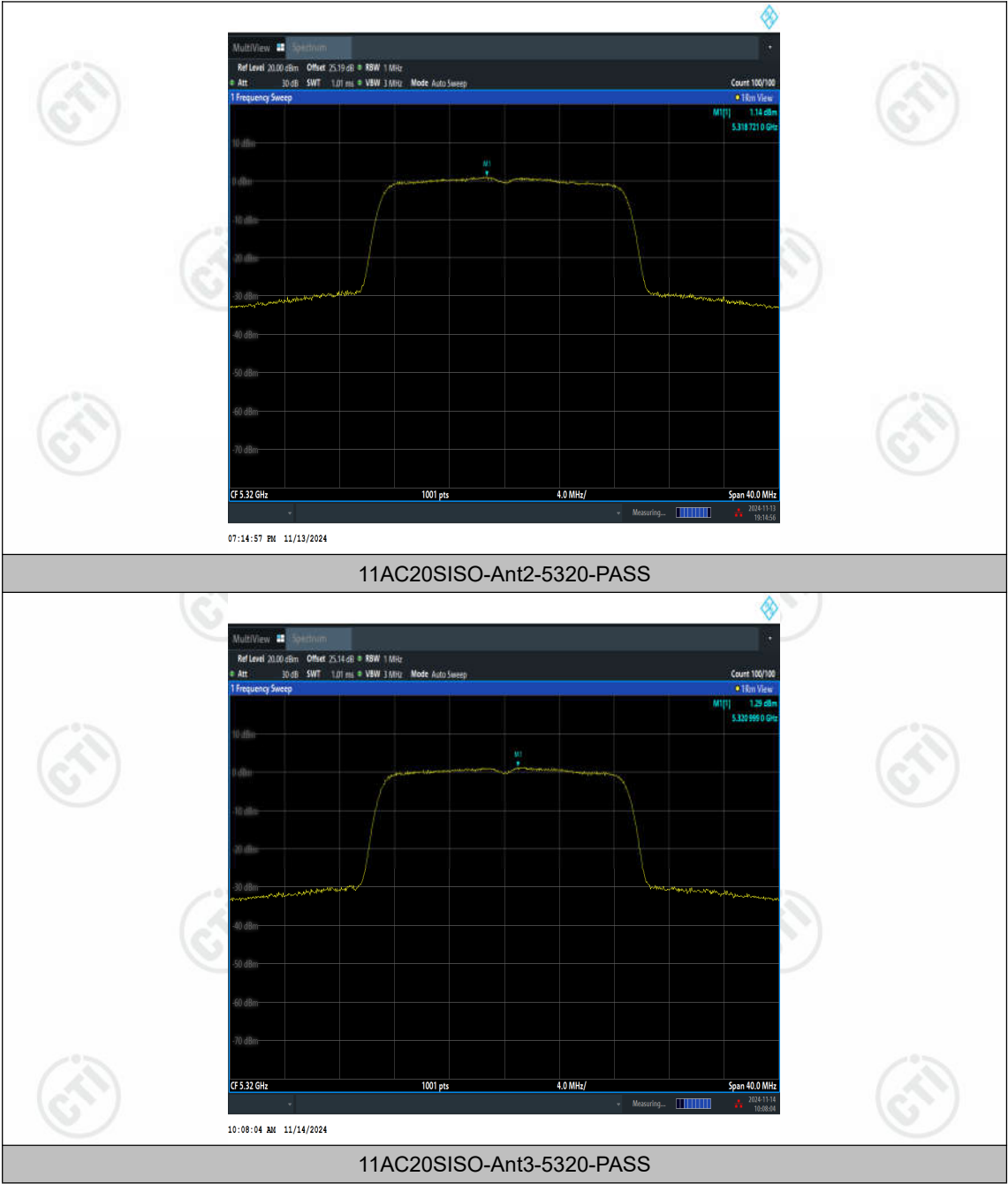










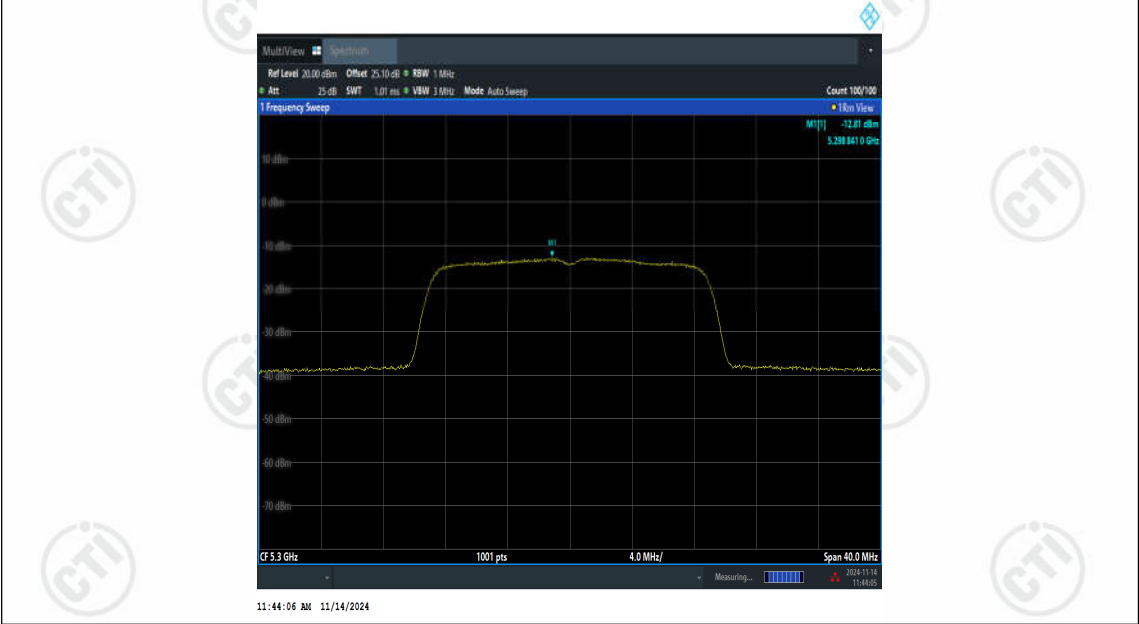








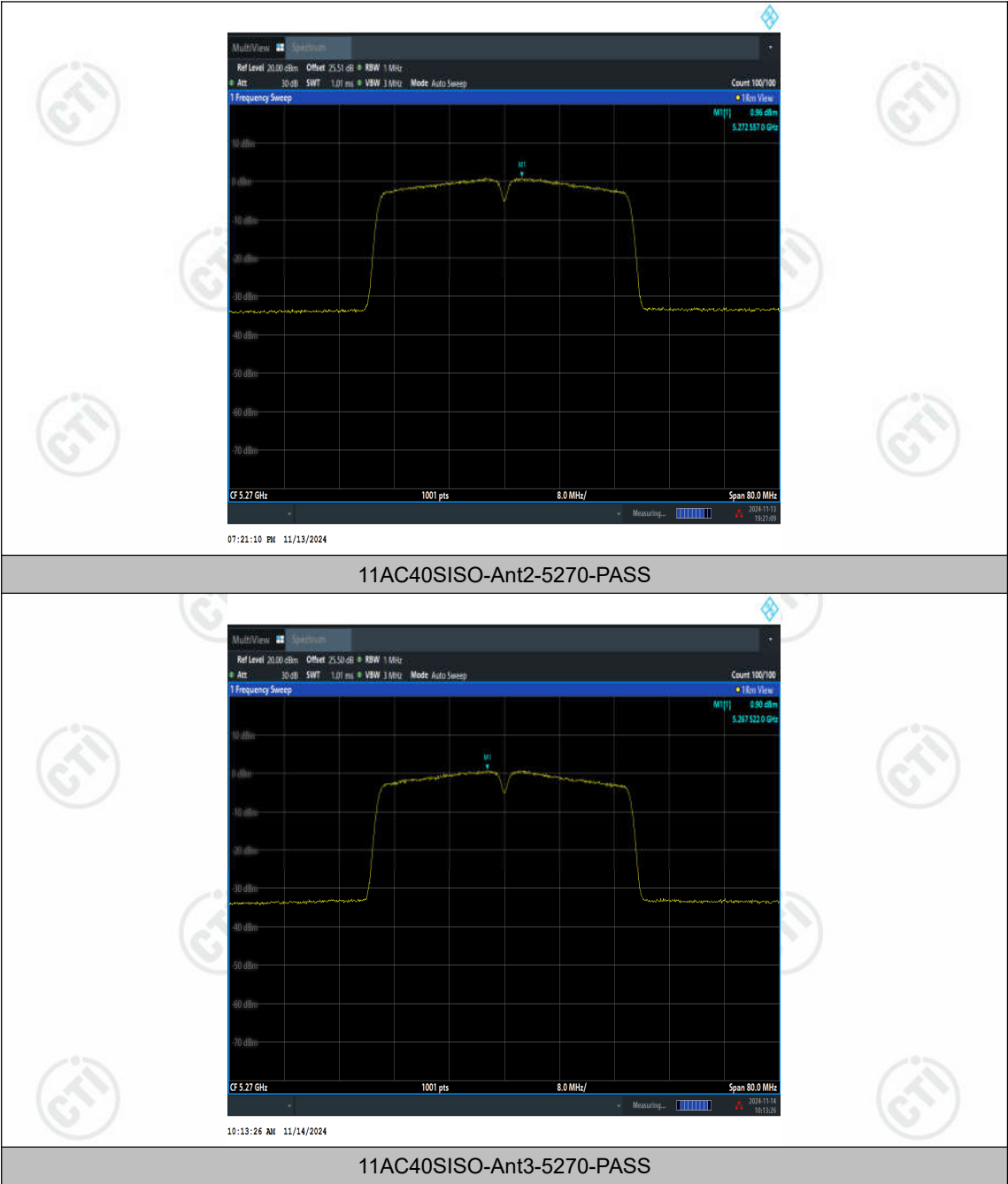
11AC20MIMO-Ant2-5300-PASS

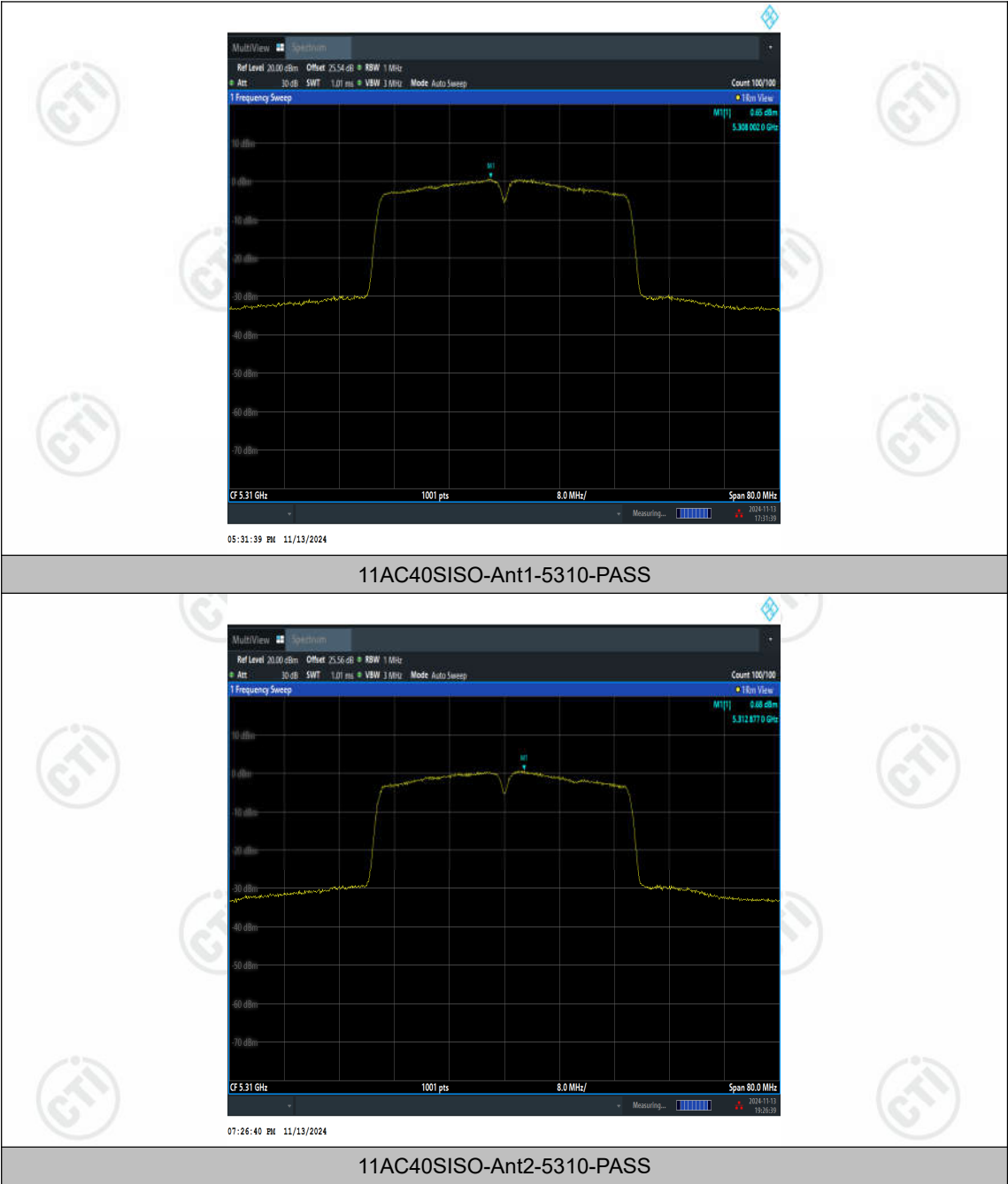


11AC20MIMO-Ant3-5300-PASS

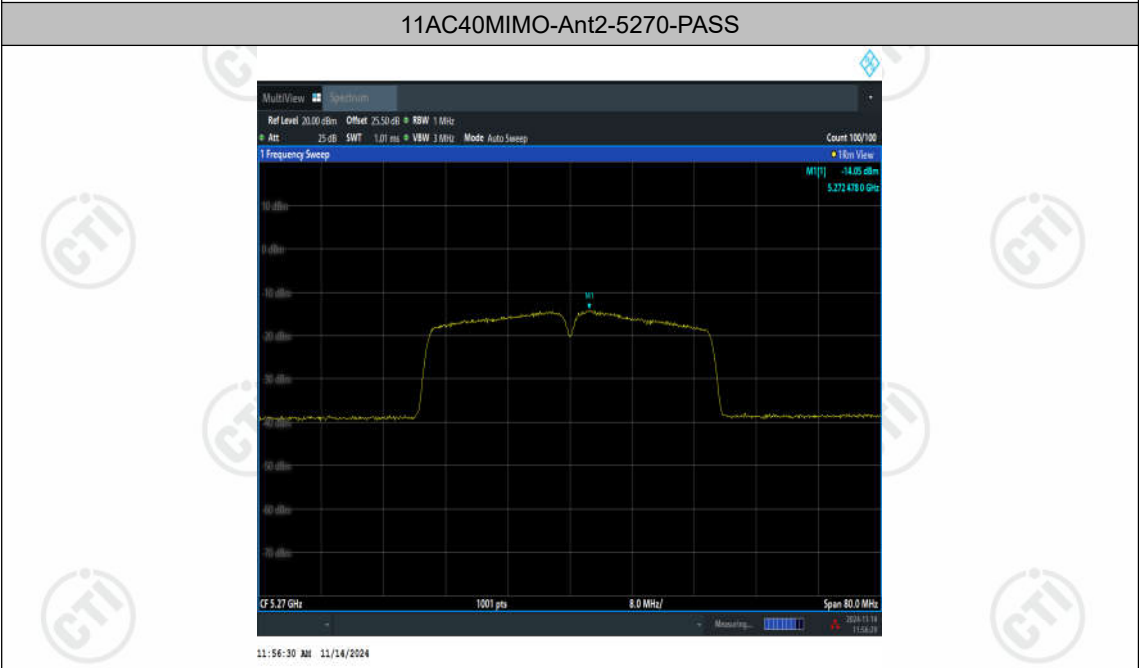


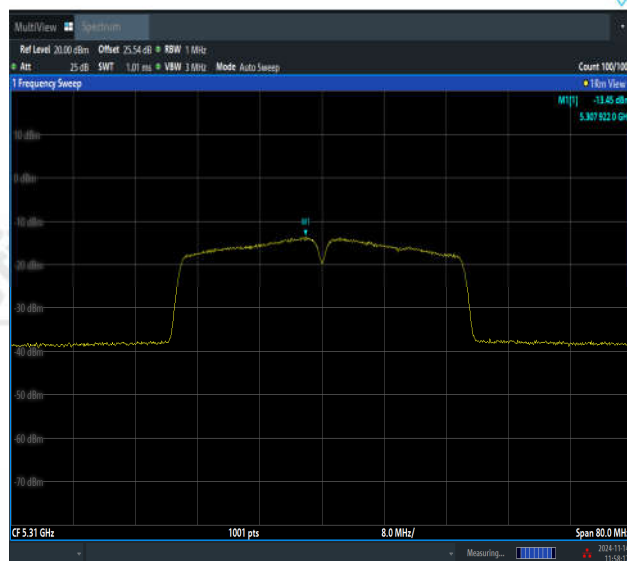






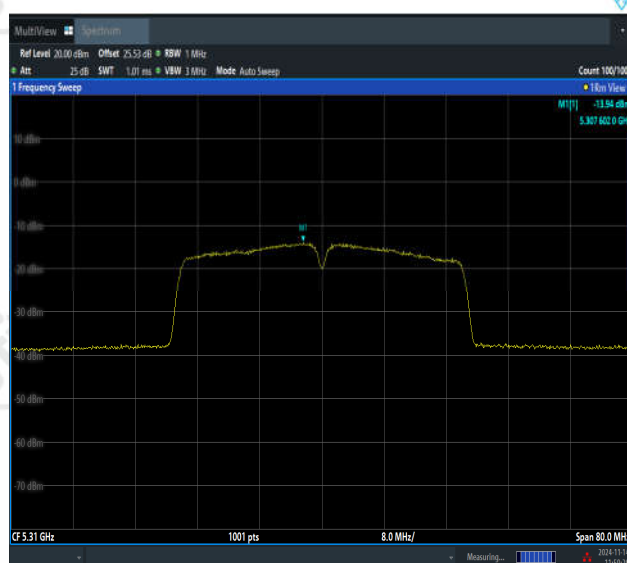






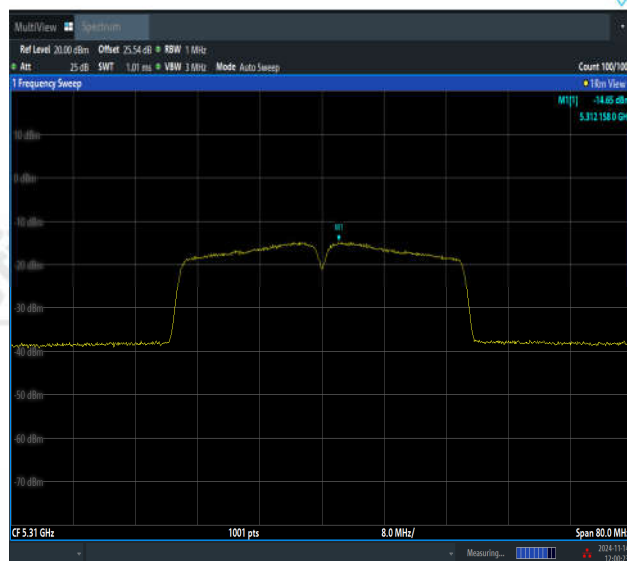
11:58:18 AM 11/14/2024

11AC40MIMO-Ant1-5310-PASS



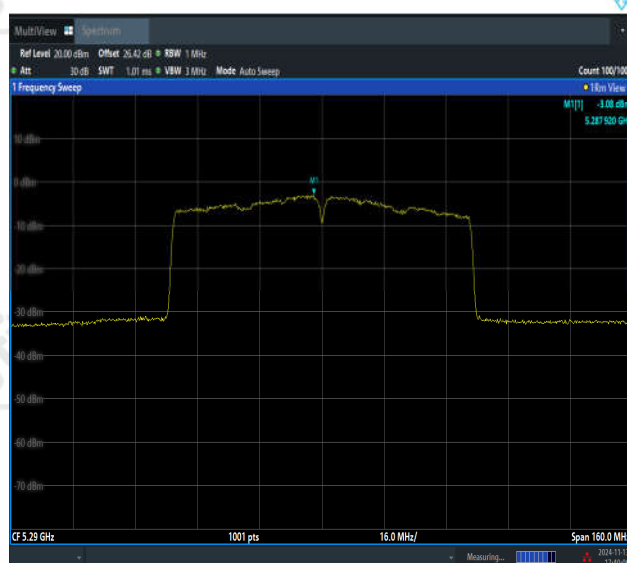
11:59:20 AM 11/14/2024

11AC40MIMO-Ant2-5310-PASS



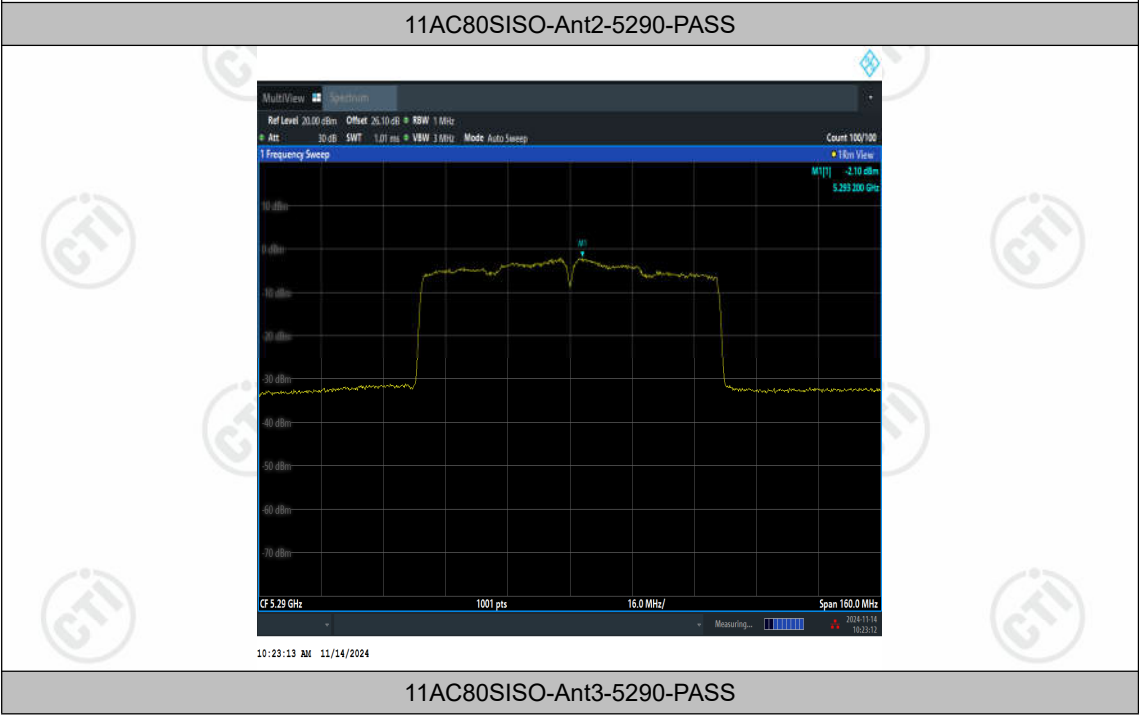
12:00:24 PM 11/14/2024

11AC40MIMO-Ant3-5310-PASS



05:40:07 PM 11/13/2024

11AC80SISO-Ant1-5290-PASS







11AC80MIMO-Ant3-5290-PASS



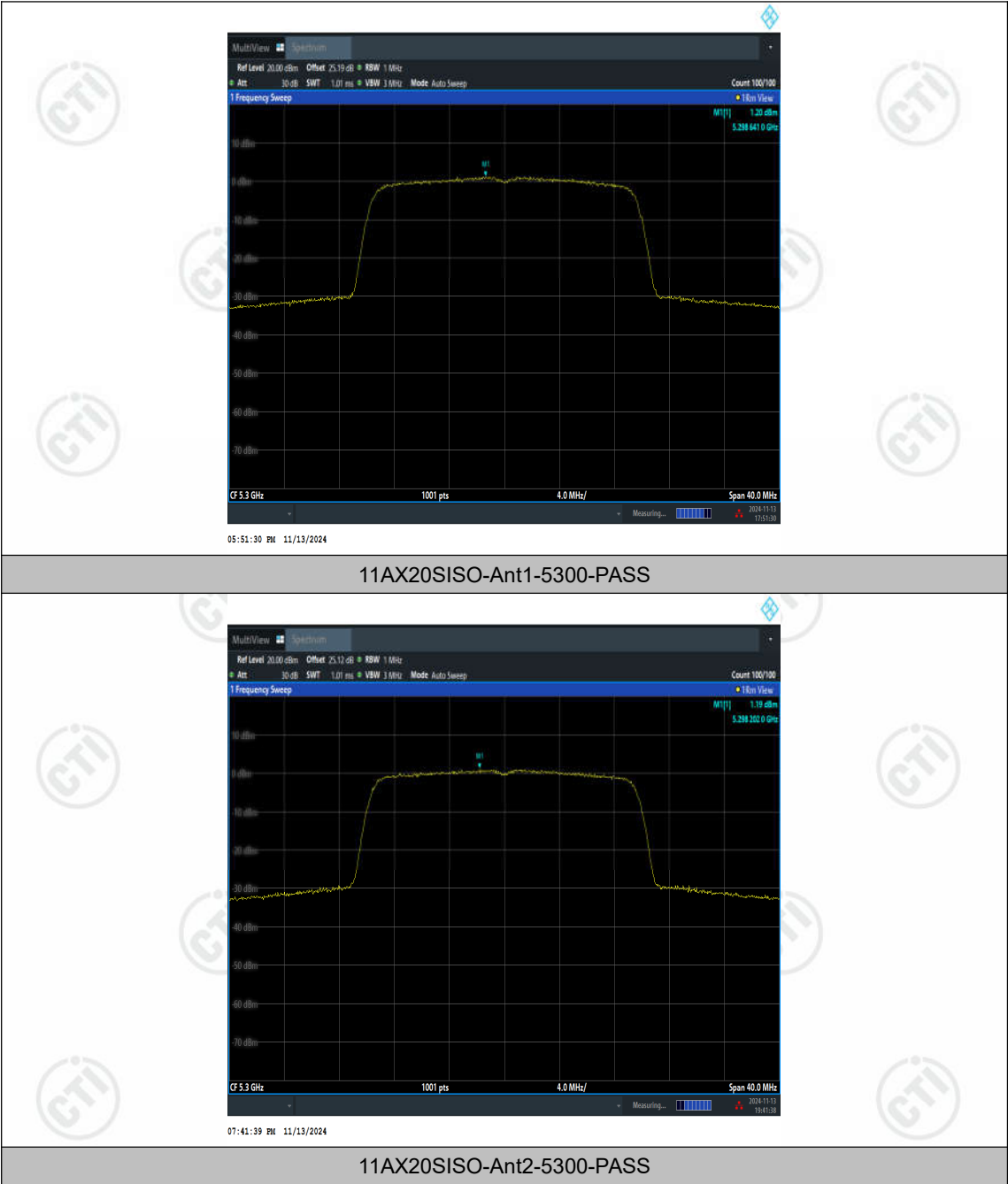
11AX20SISO-Ant1-5260-PASS



11AX20ISO-Ant2-5260-PASS

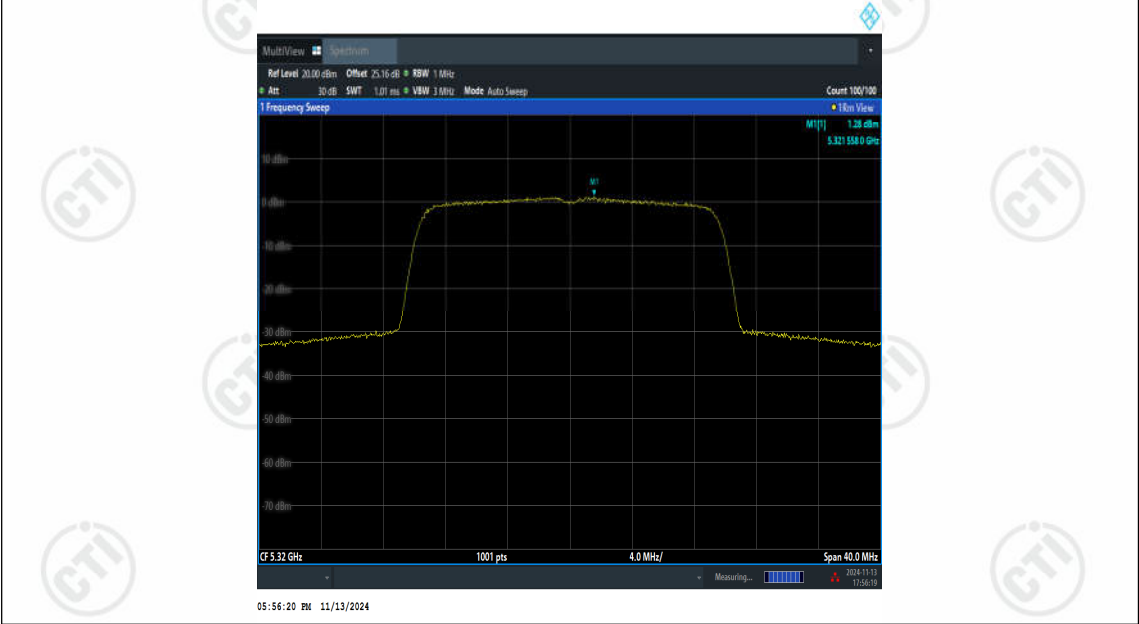


11AX20ISO-Ant3-5260-PASS





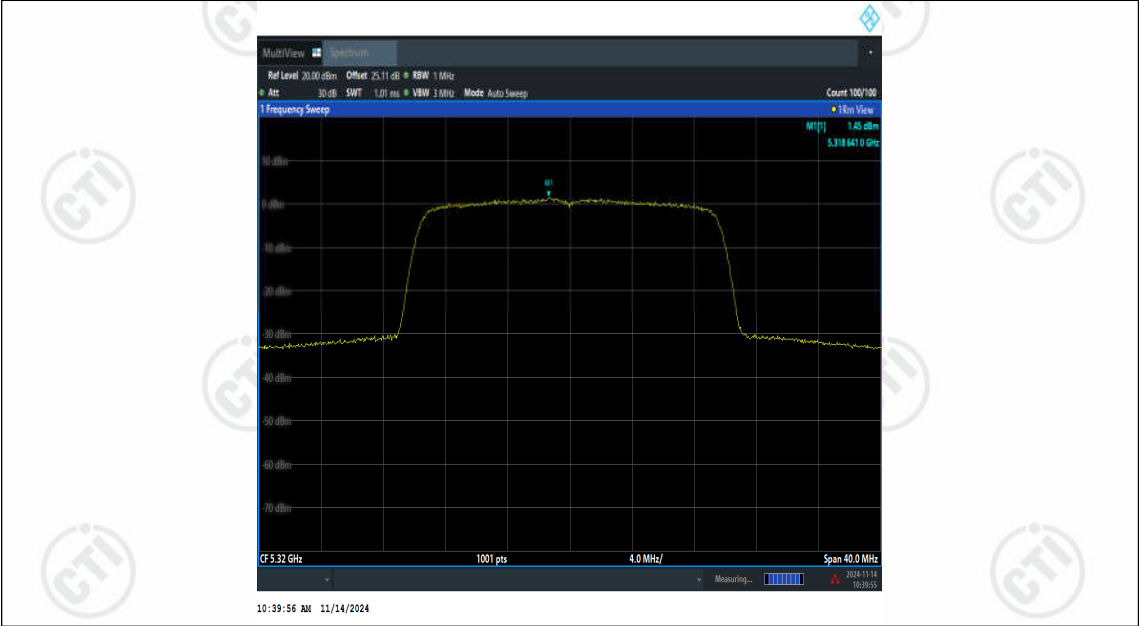
11AX20SISO-Ant3-5300-PASS



11AX20SISO-Ant1-5320-PASS



11AX20SISO-Ant2-5320-PASS



11AX20SISO-Ant3-5320-PASS







11AX20MIMO-Ant2-5300-PASS

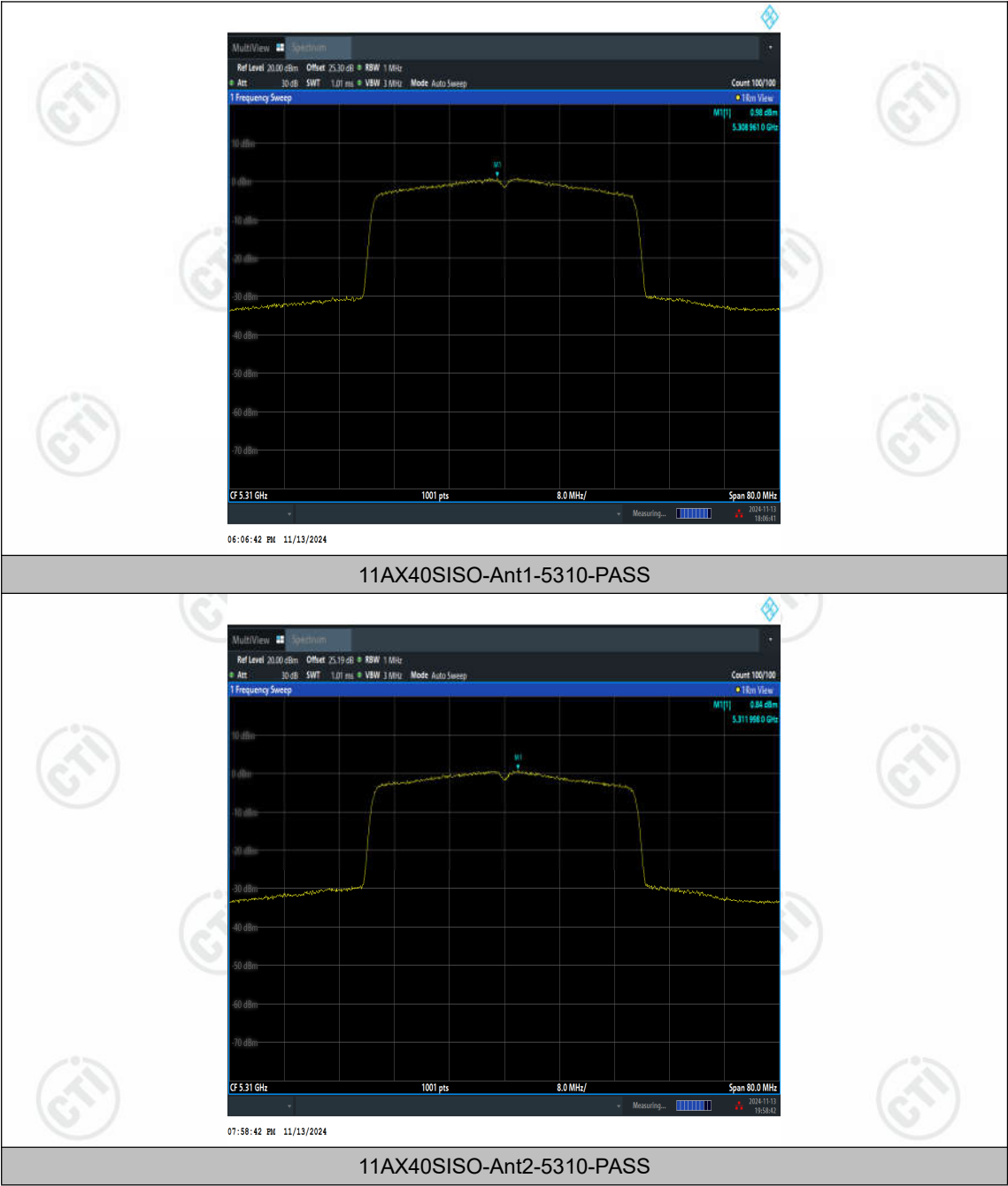


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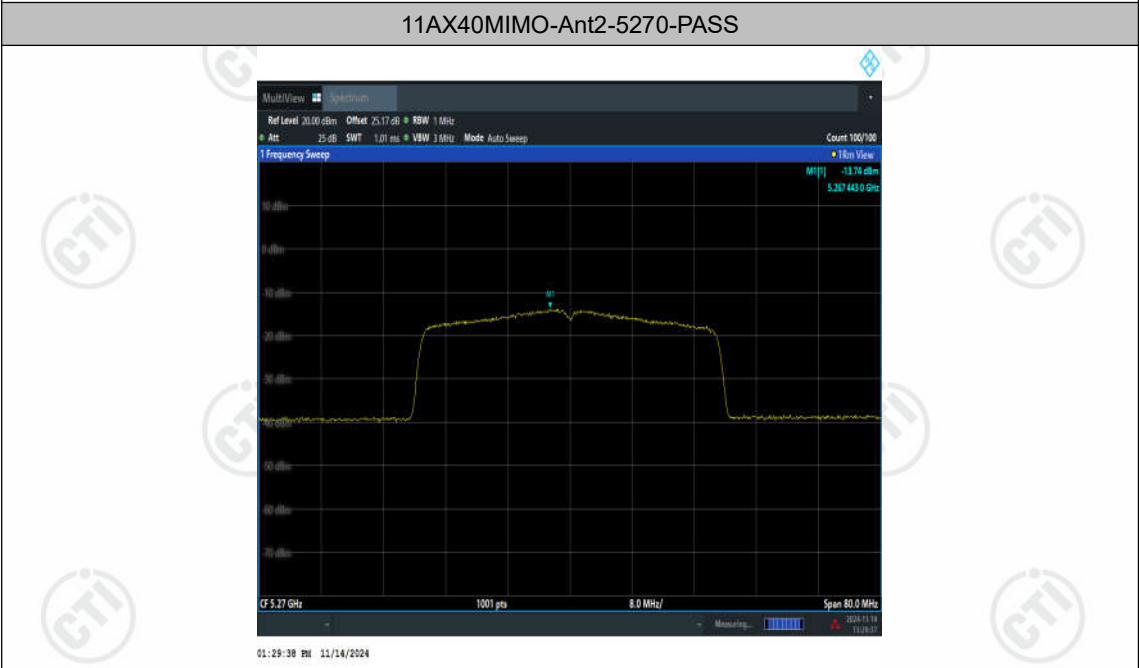




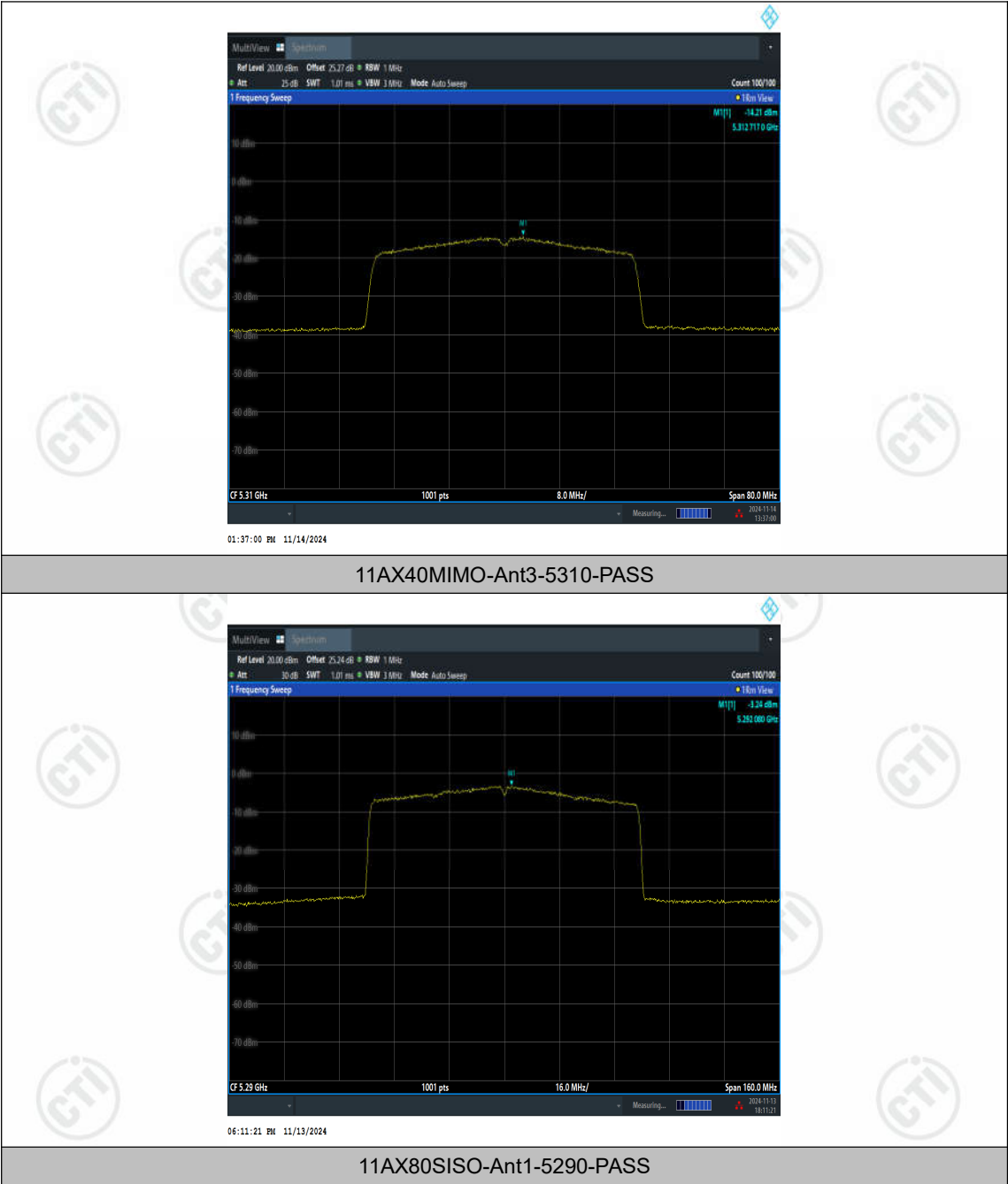














11AX80SISO-Ant2-5290-PASS

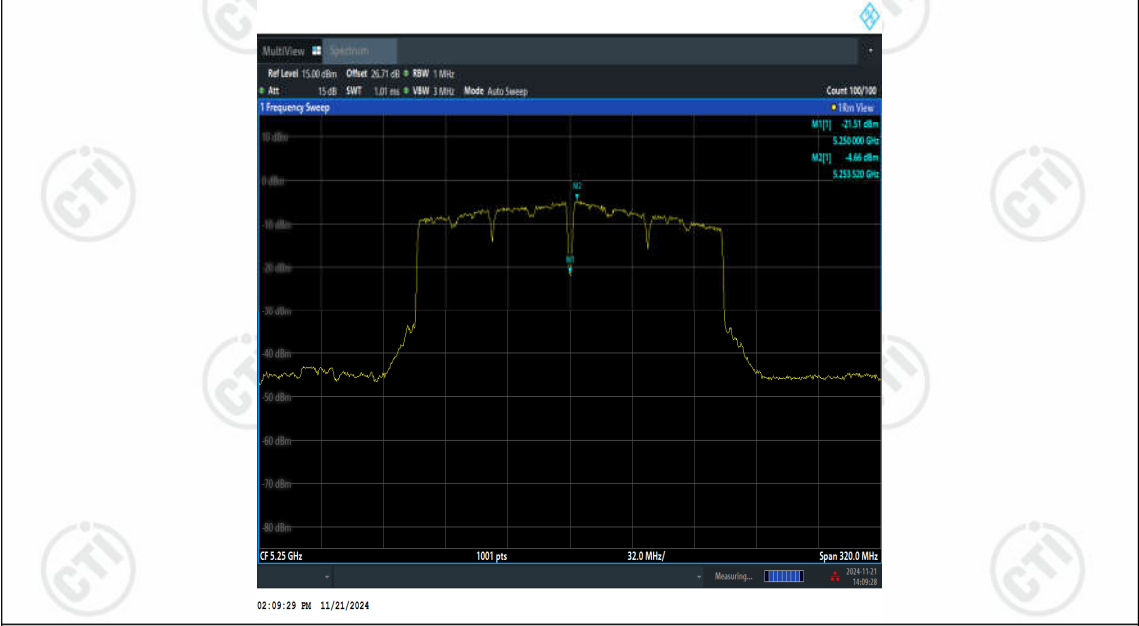


11AX80SISO-Ant3-5290-PASS

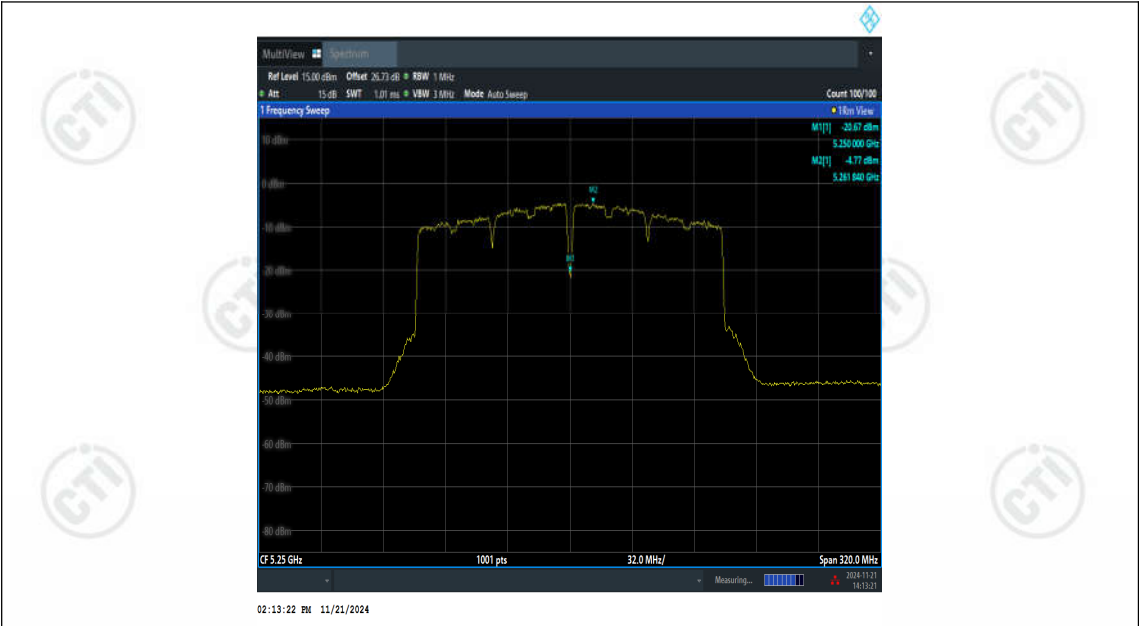




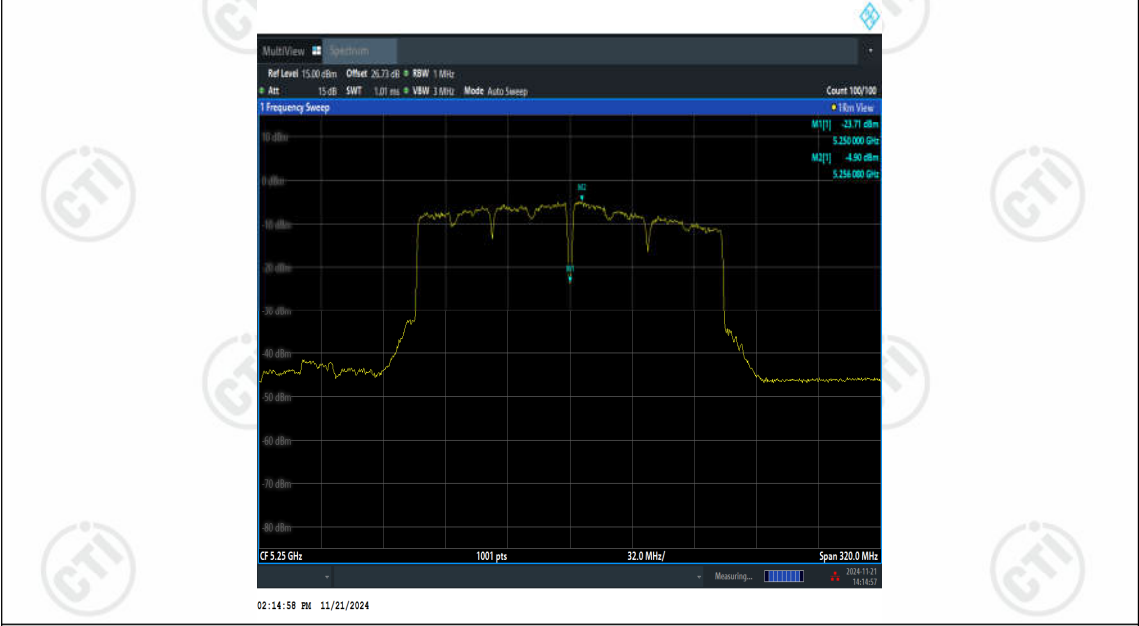
11AX80MIMO-Ant3-5290-PASS



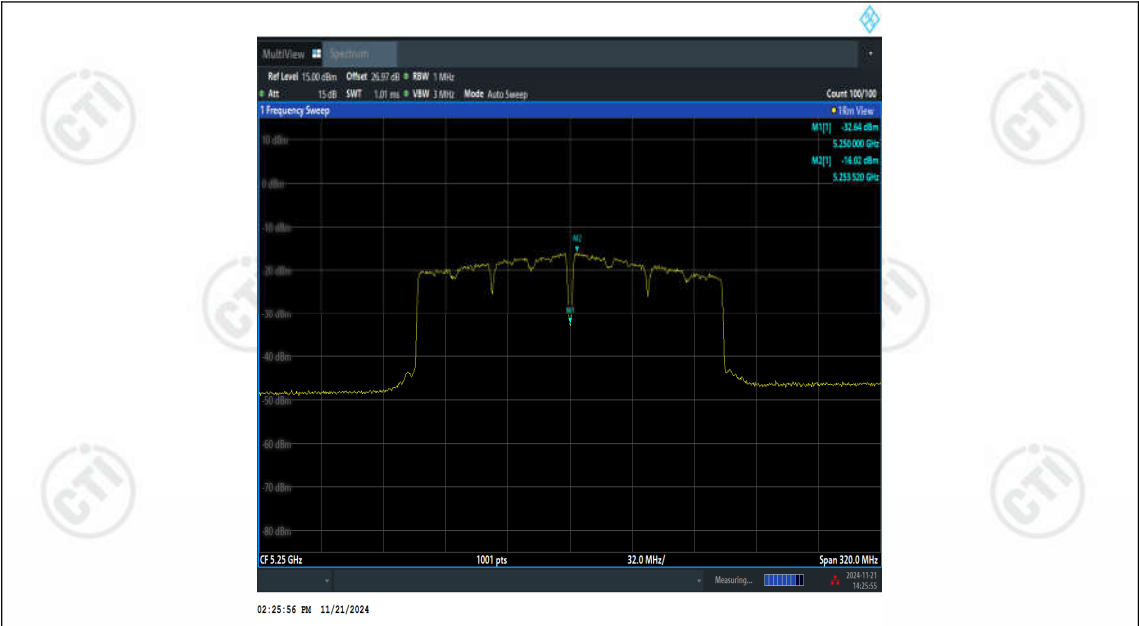
11AC160SISO-Ant1-5250_UNII-2A-PASS



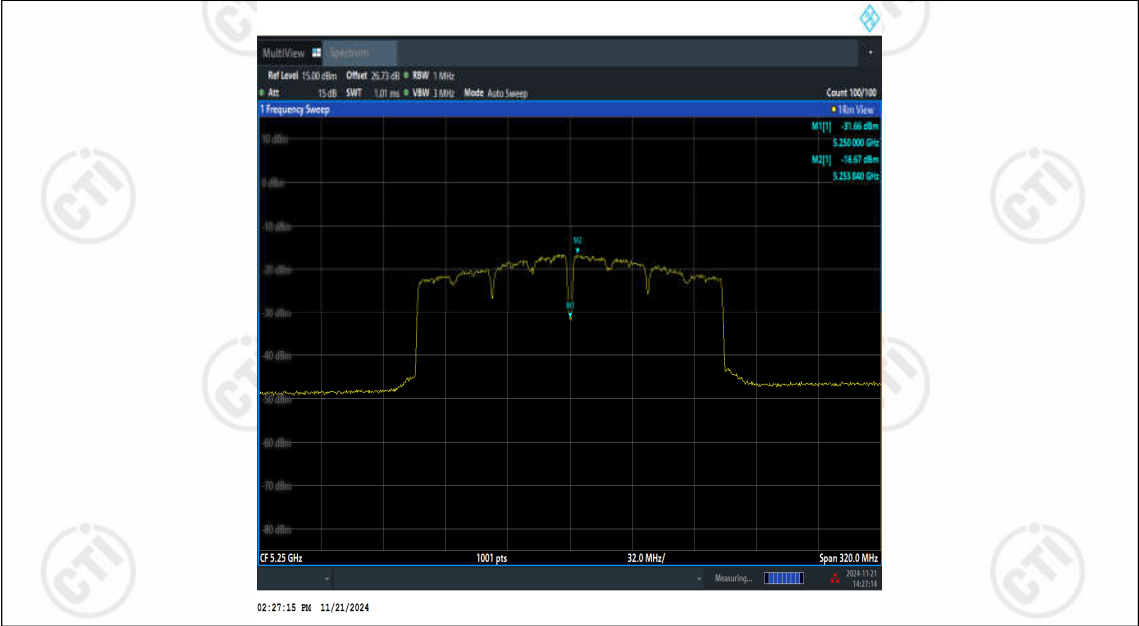
11AC160SISO-Ant2-5250_UNII-2A-PASS



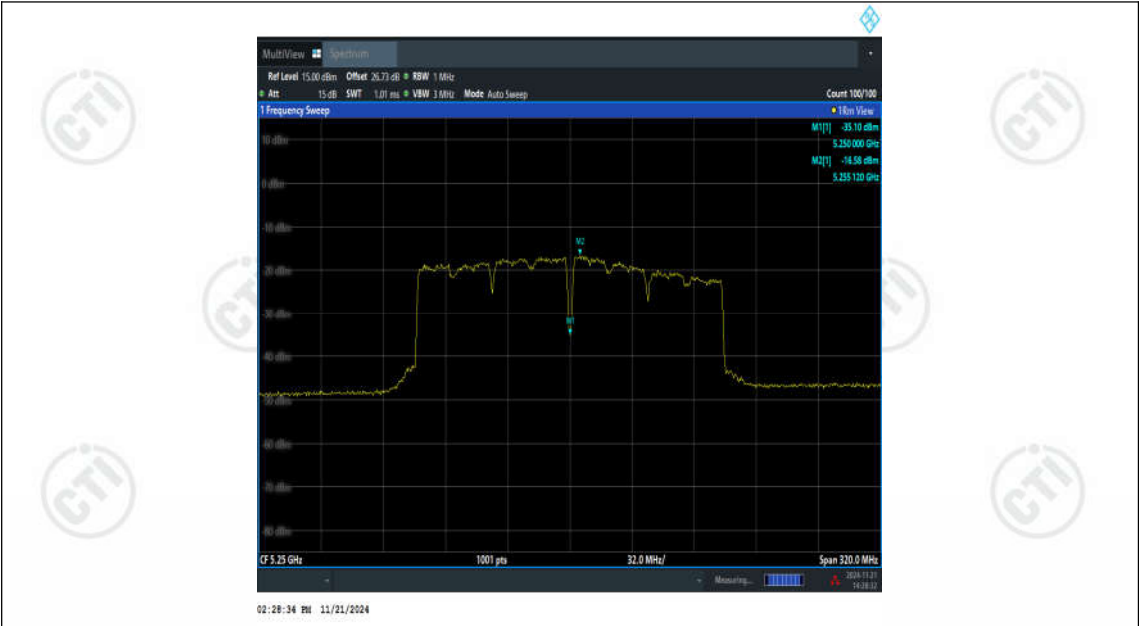
11AC160SISO-Ant3-5250_UNII-2A-PASS



11AC160MIMO-Ant1-5250_UNII-2A-PASS

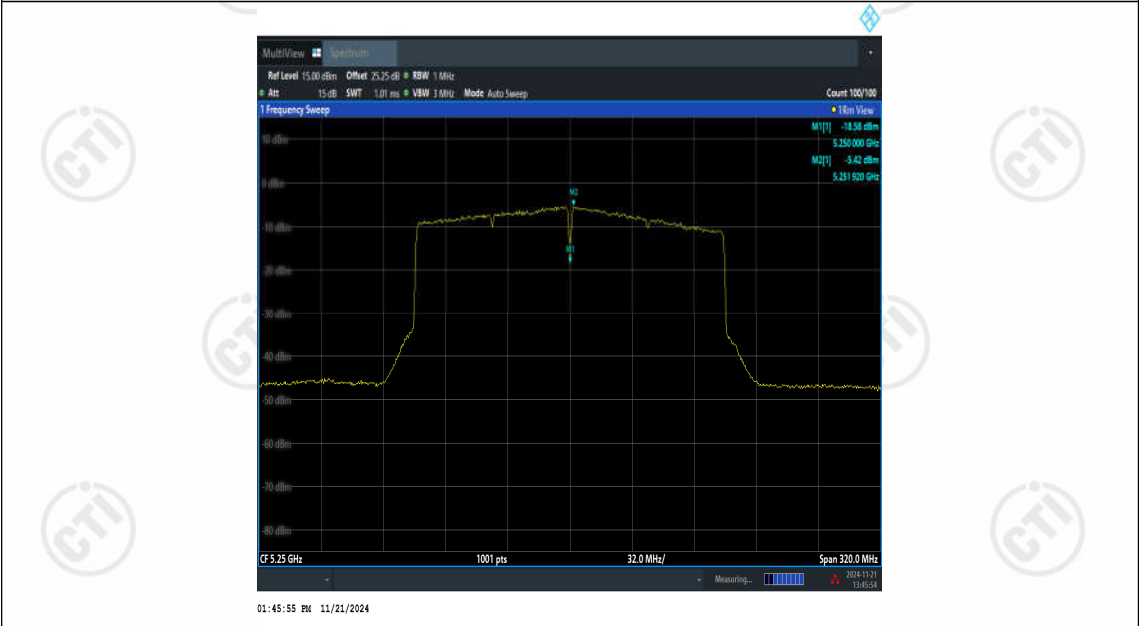


11AC160MIMO-Ant2-5250_UNII-2A-PASS

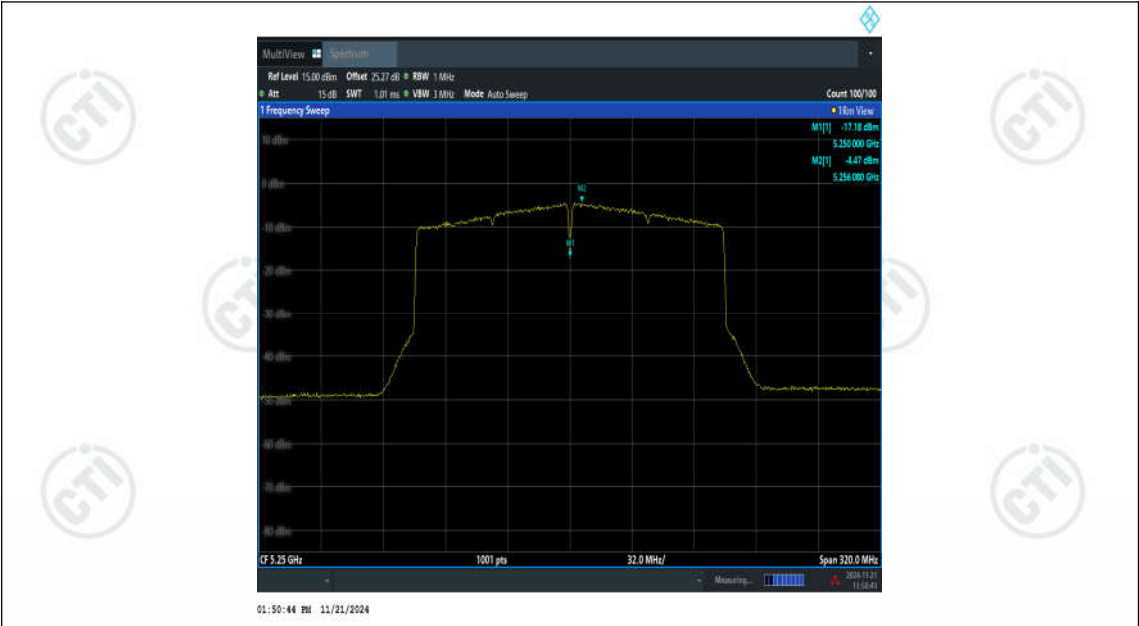


11AC160MIMO-Ant3-5250_UNII-2A-PASS

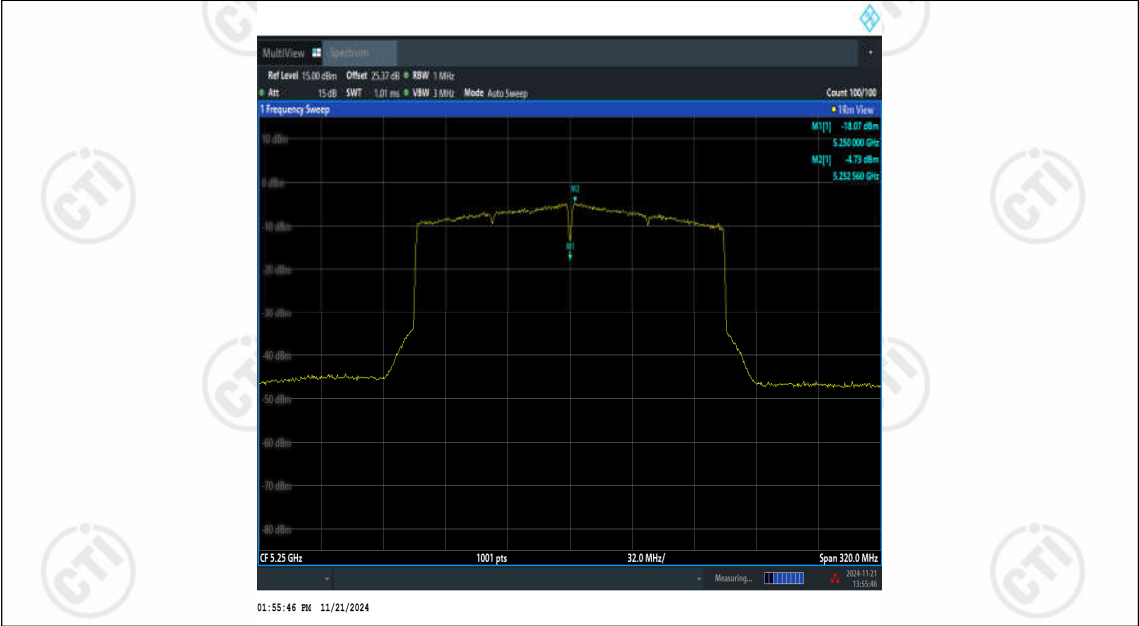
11AX160SISO-Ant3-5250_UNII-1-PASS



11AX160SISO-Ant1-5250_UNII-2A-PASS



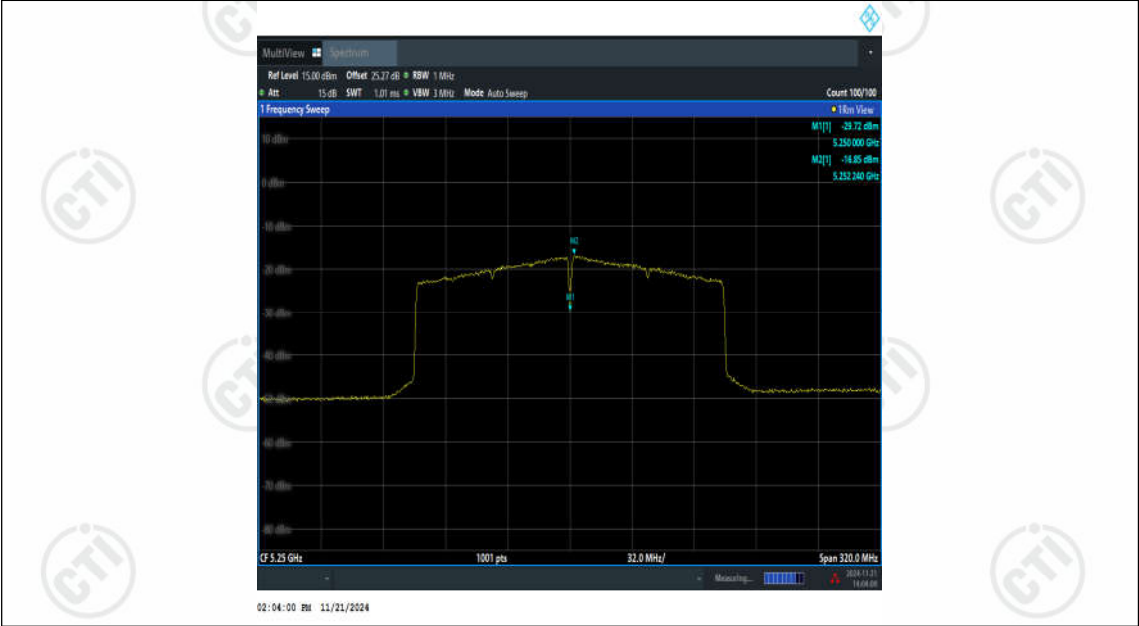
11AX160SISO-Ant2-5250_UNII-2A-PASS



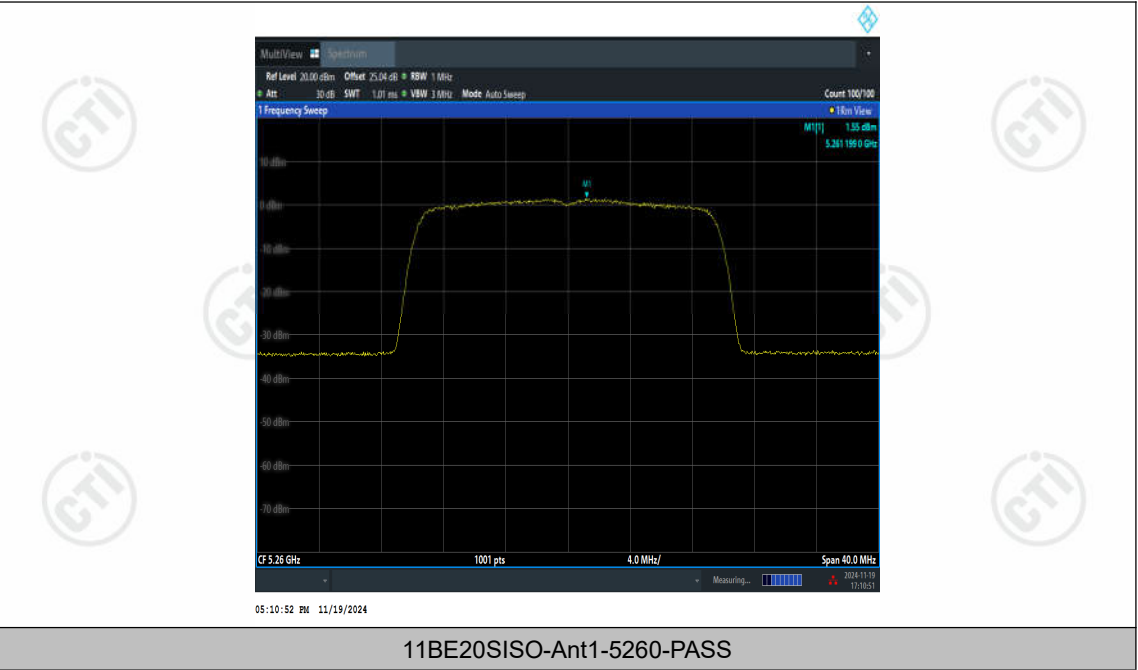
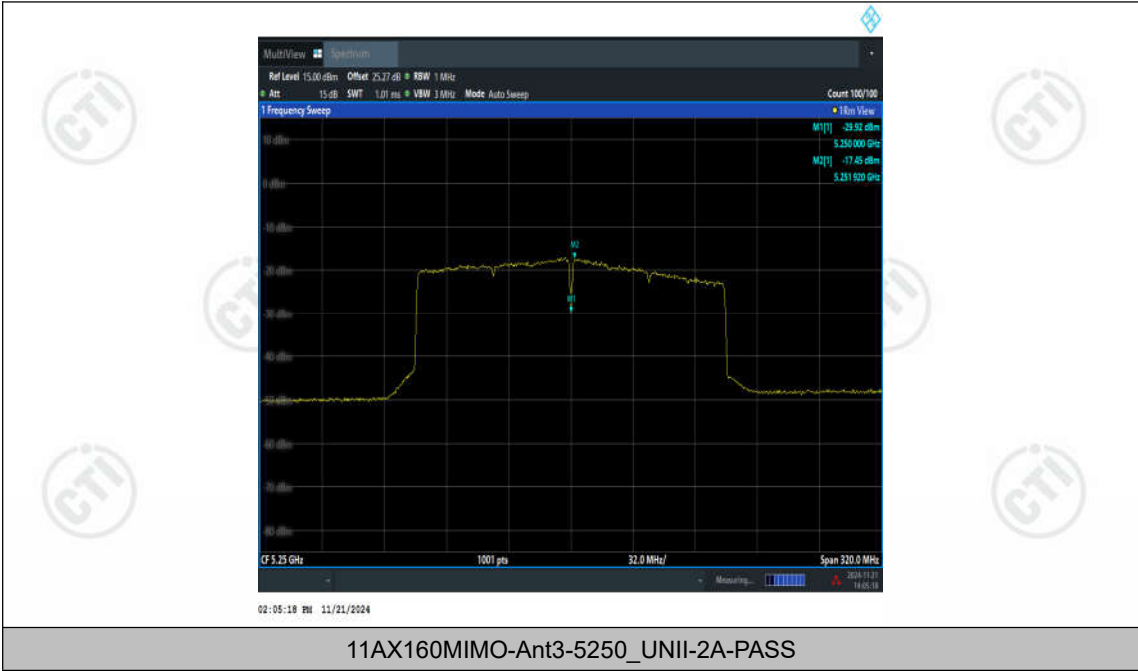
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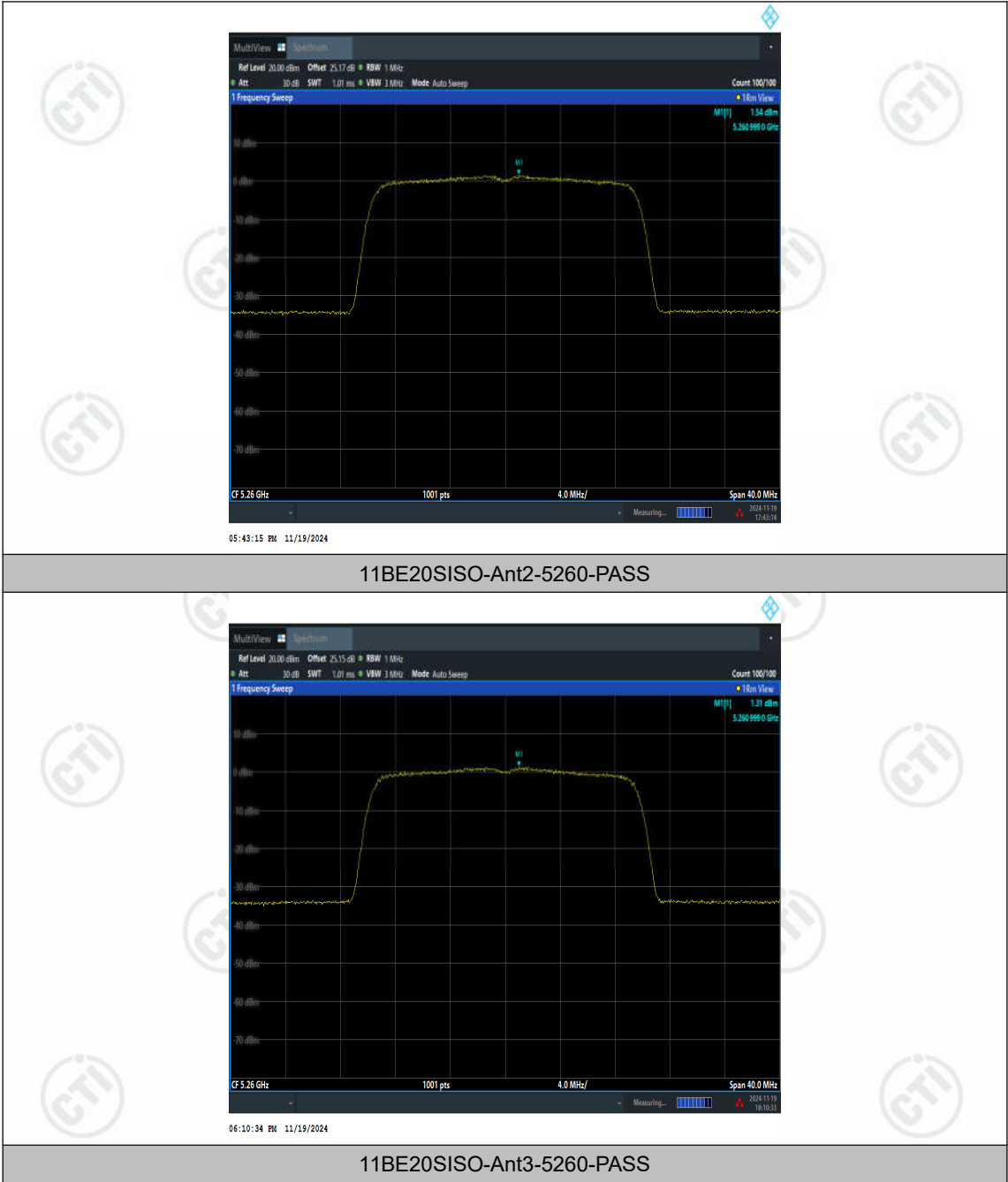


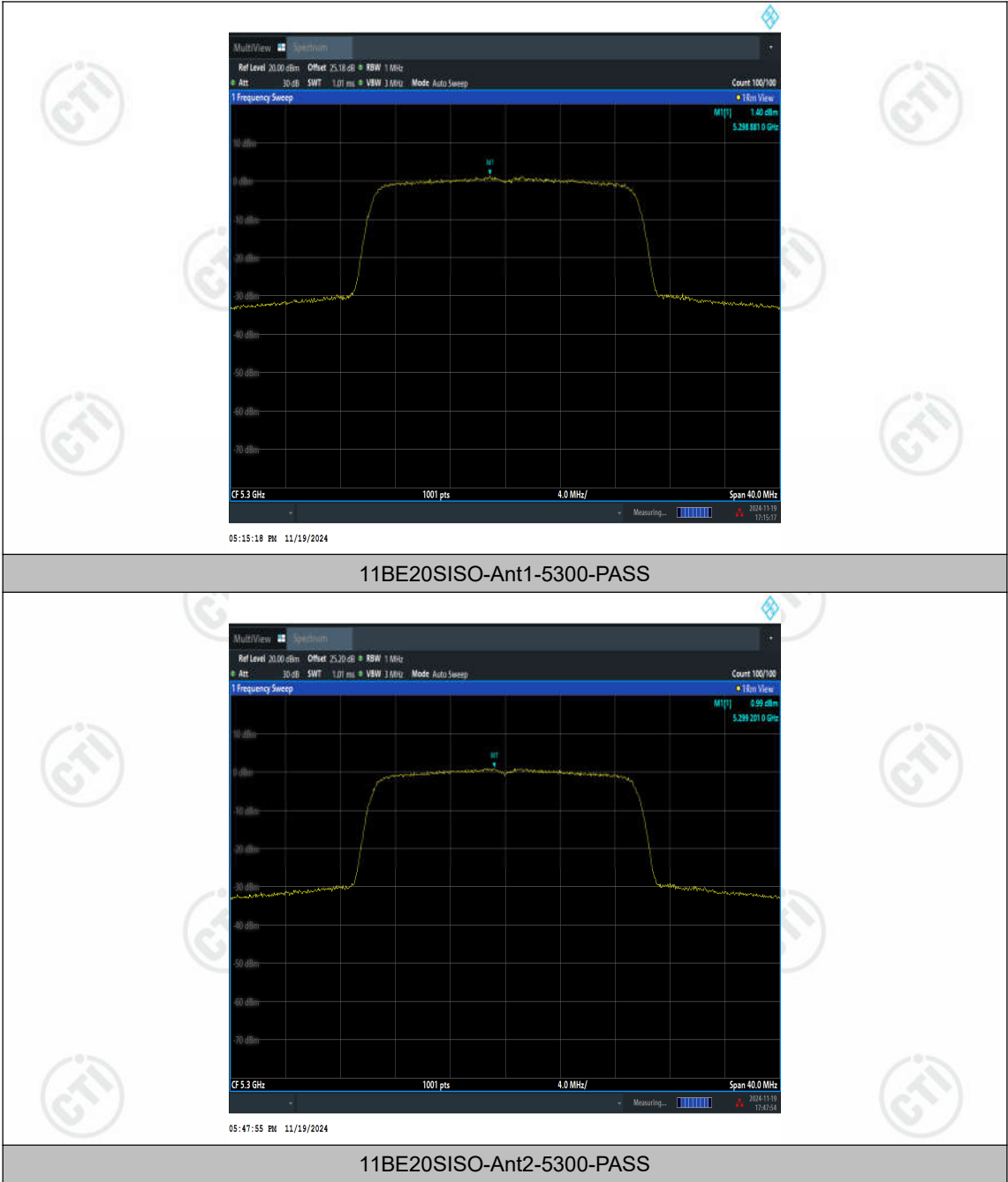
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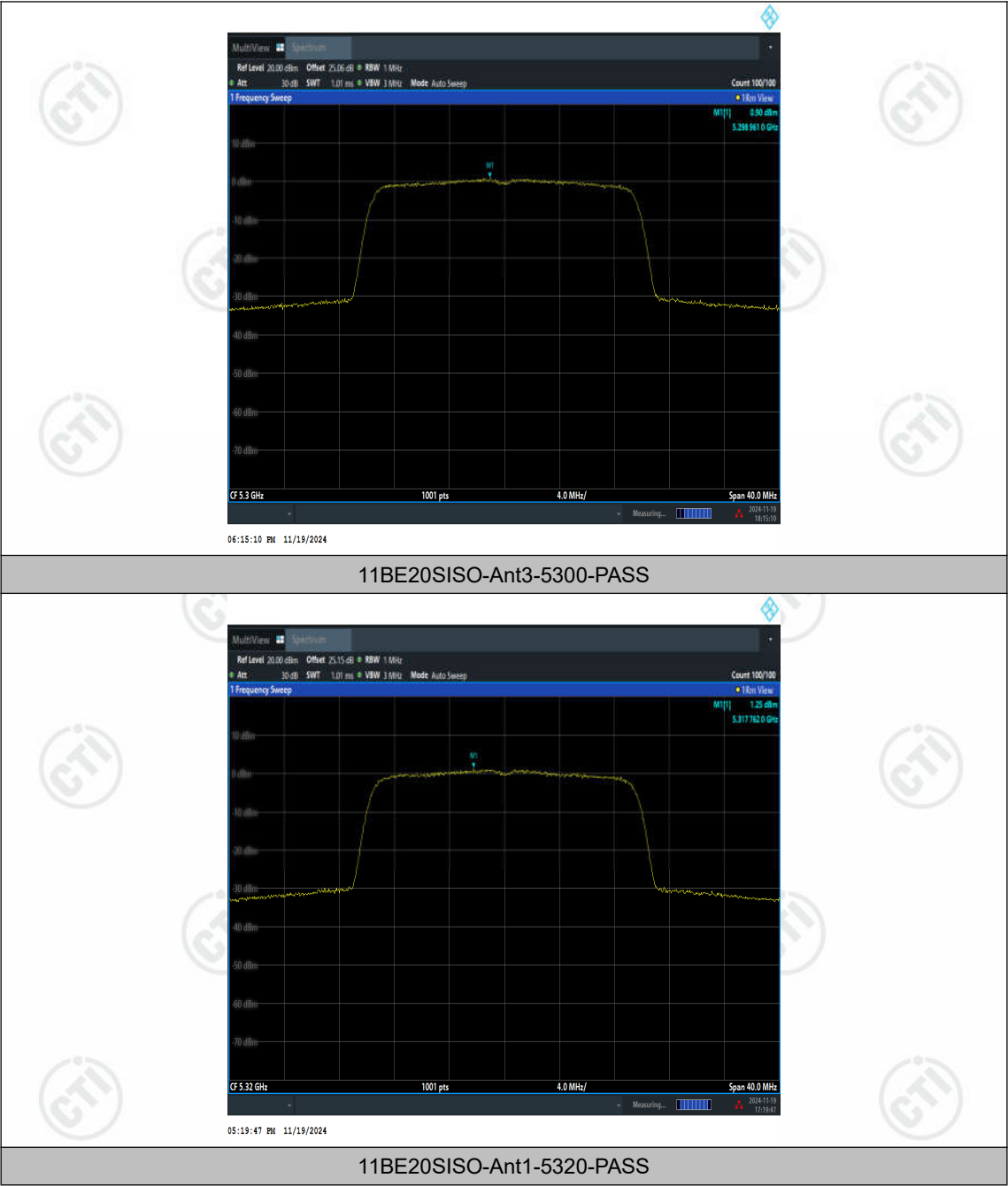


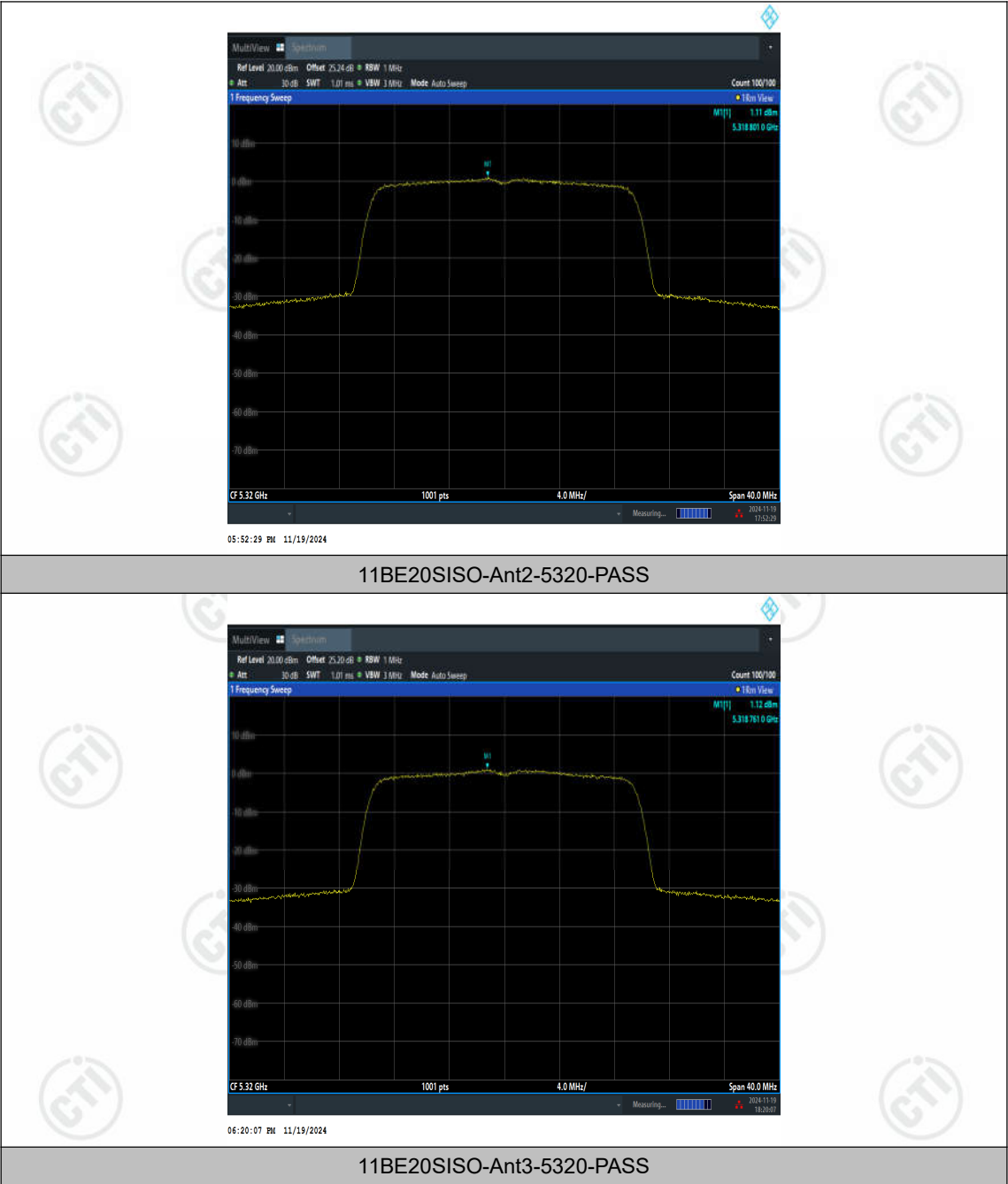
11AX160MIMO-Ant2-5250_UNII-2A-PASS











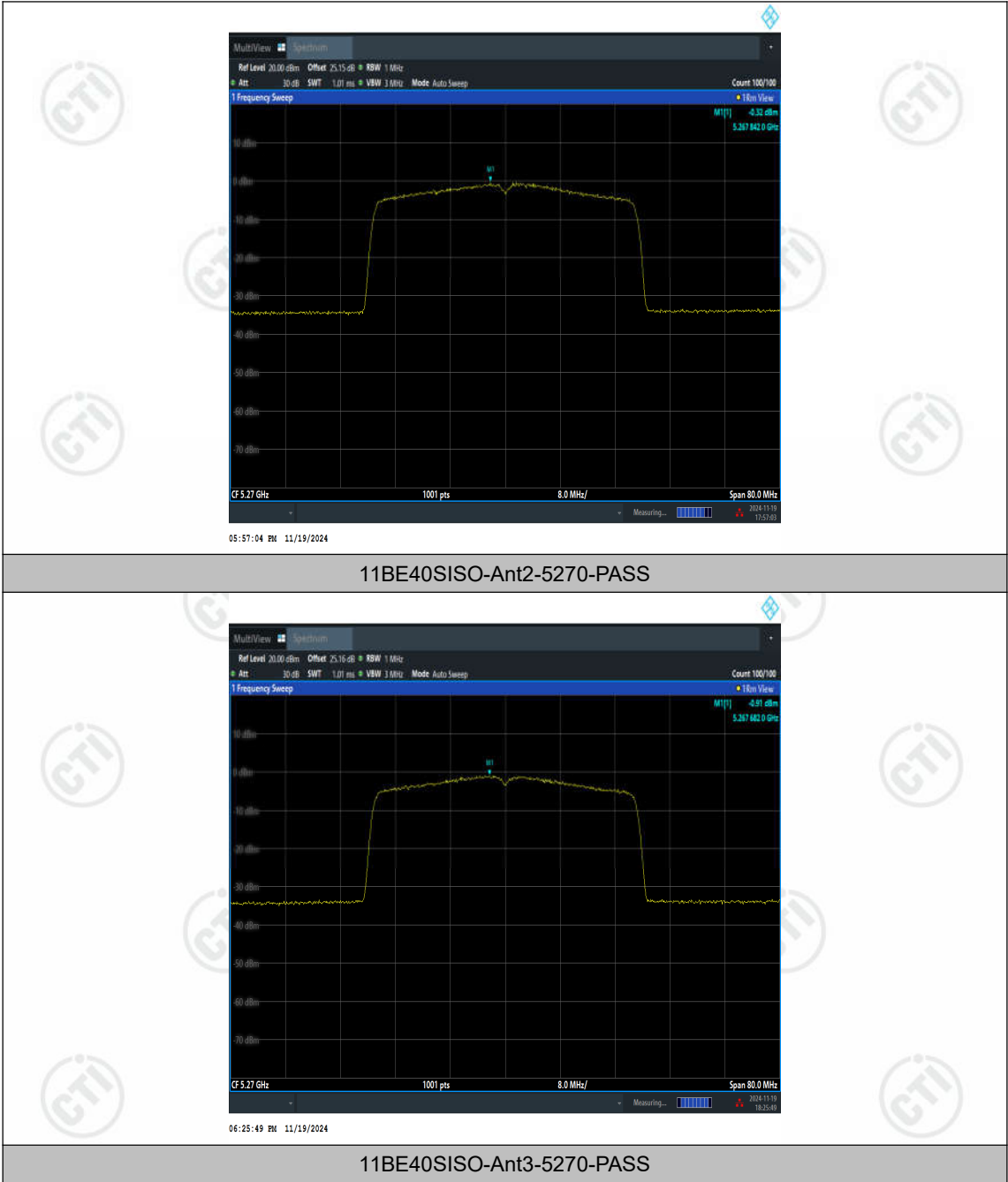


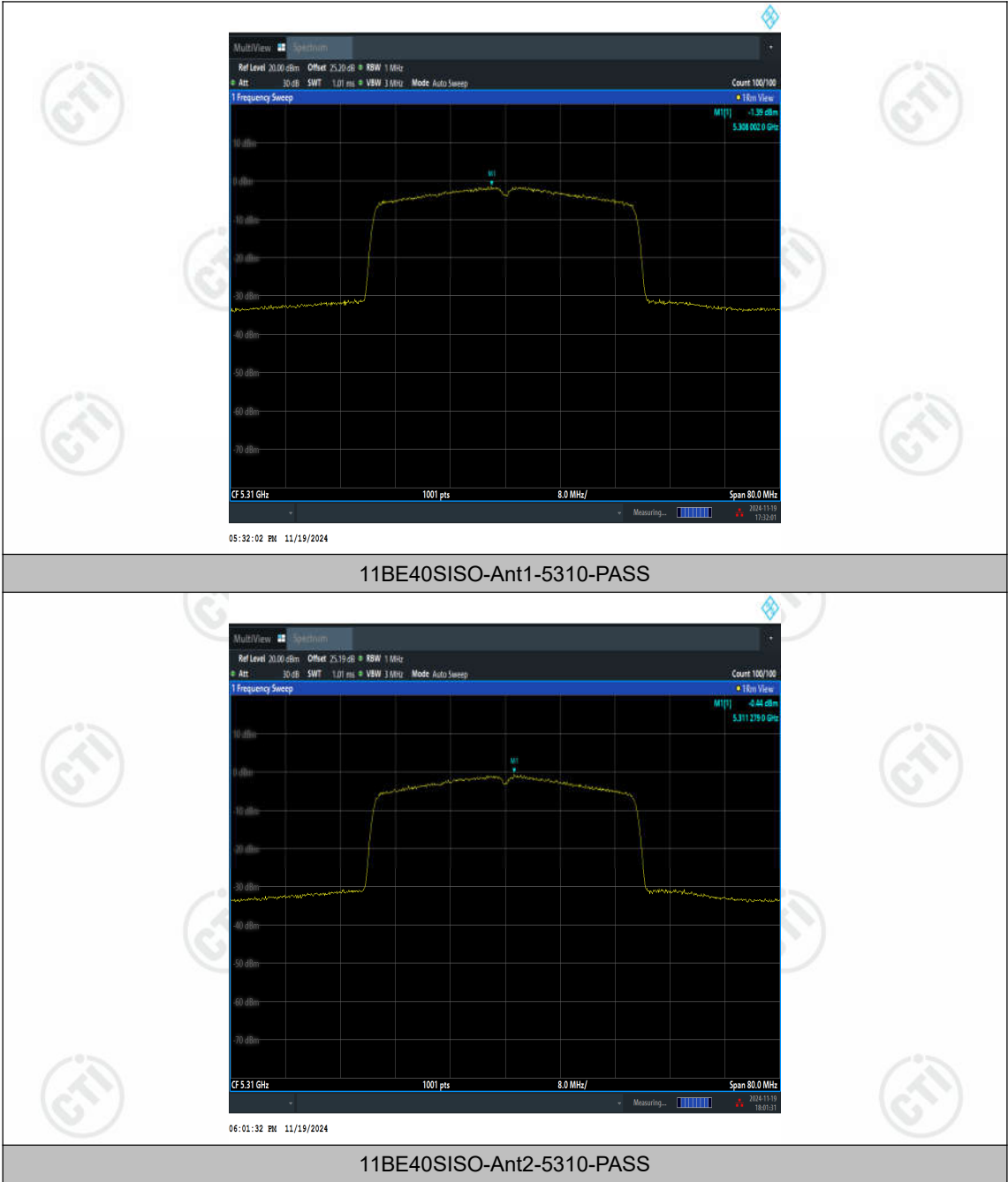










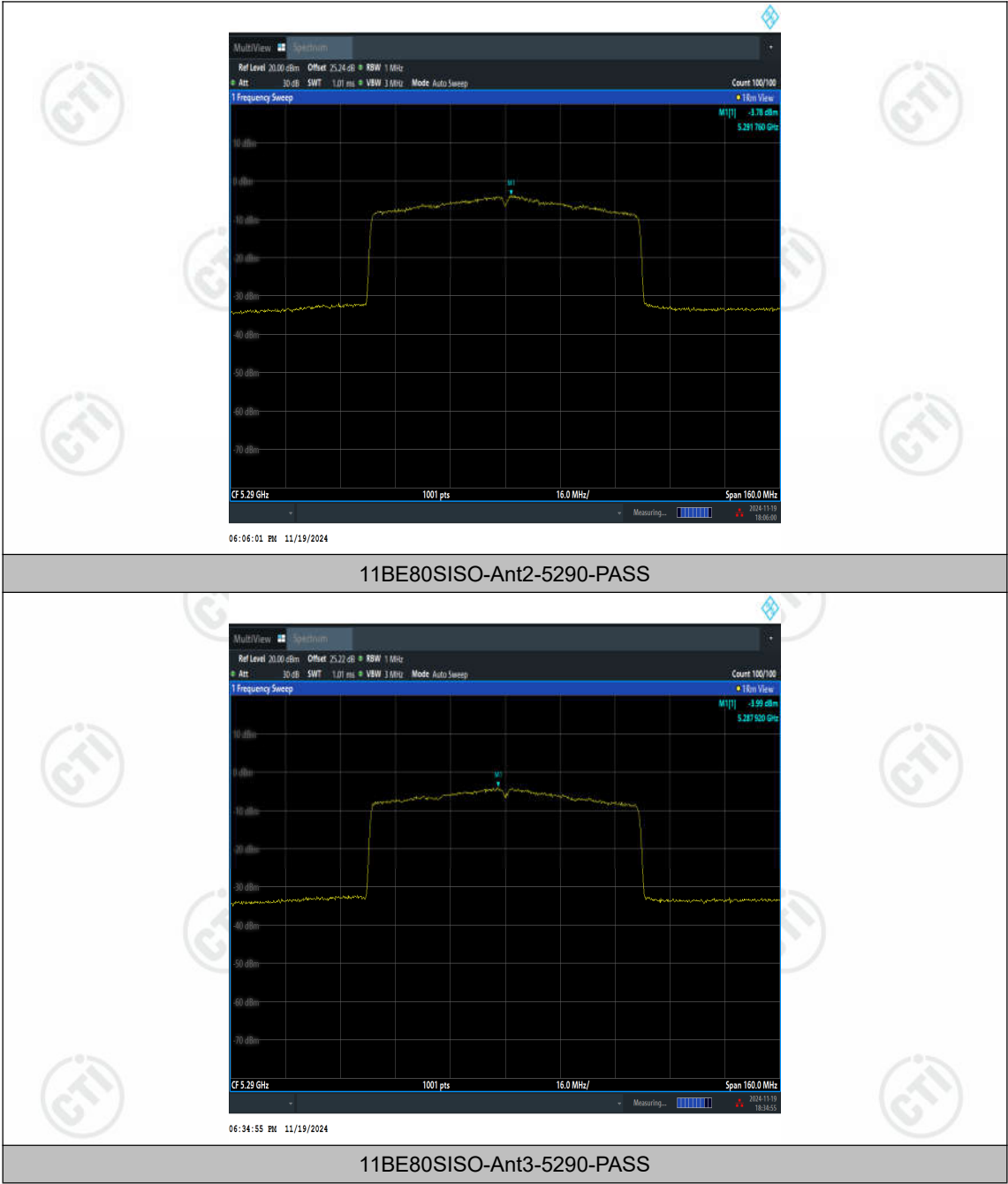


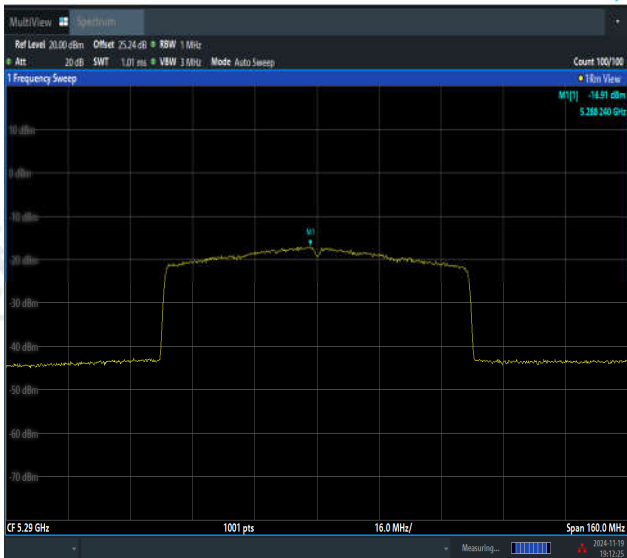




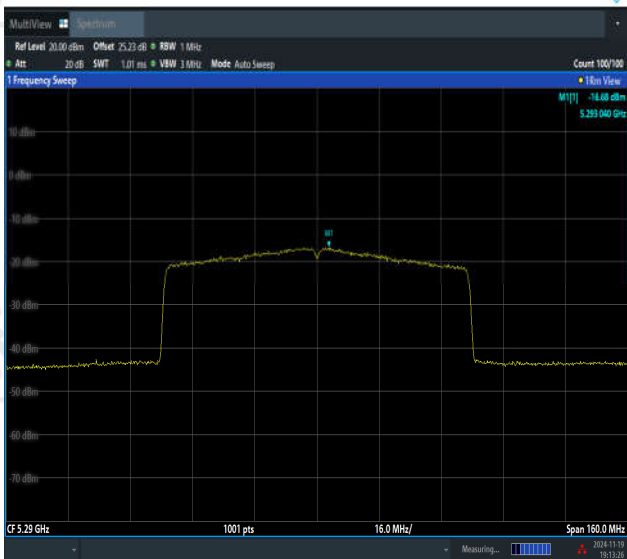




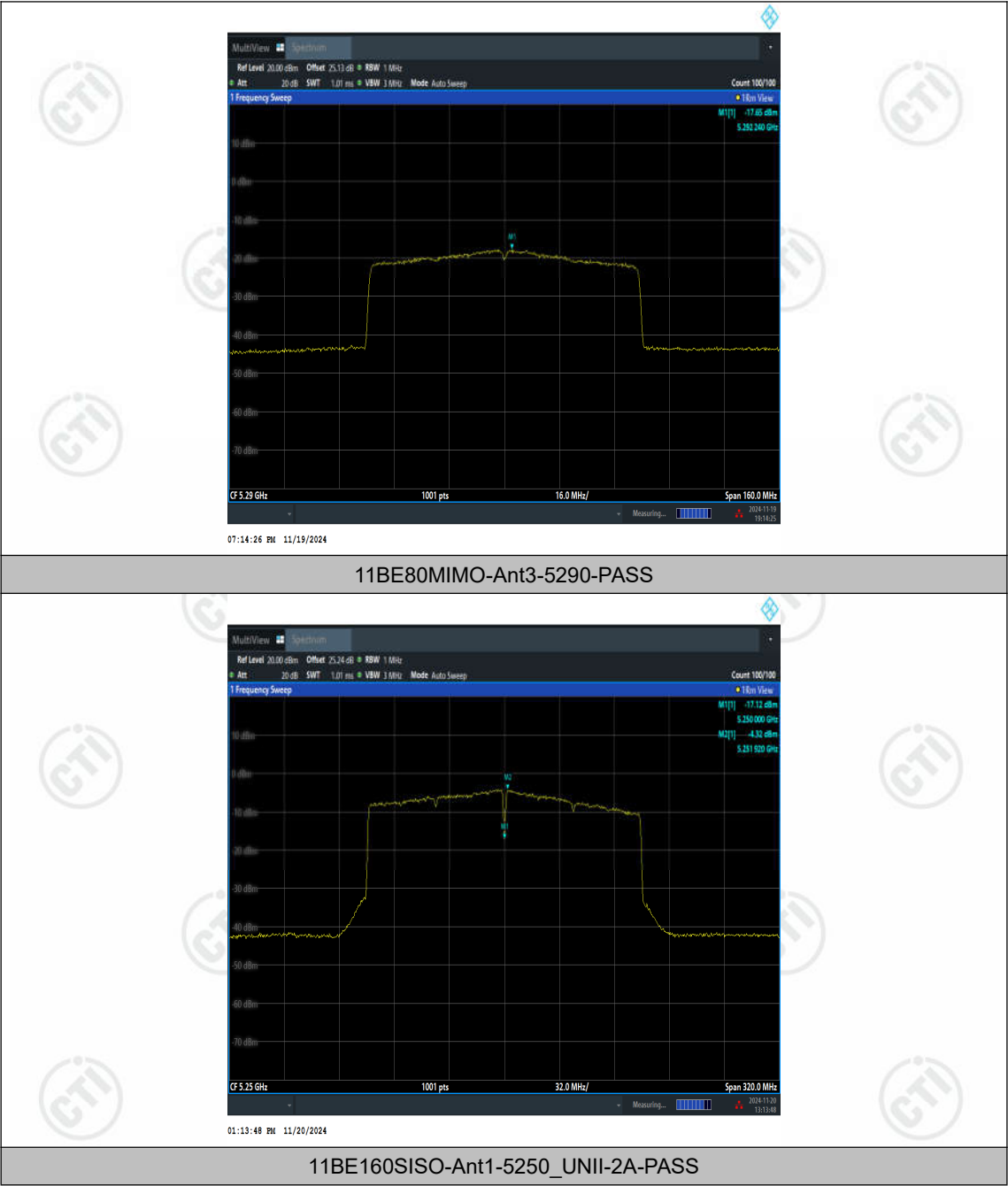


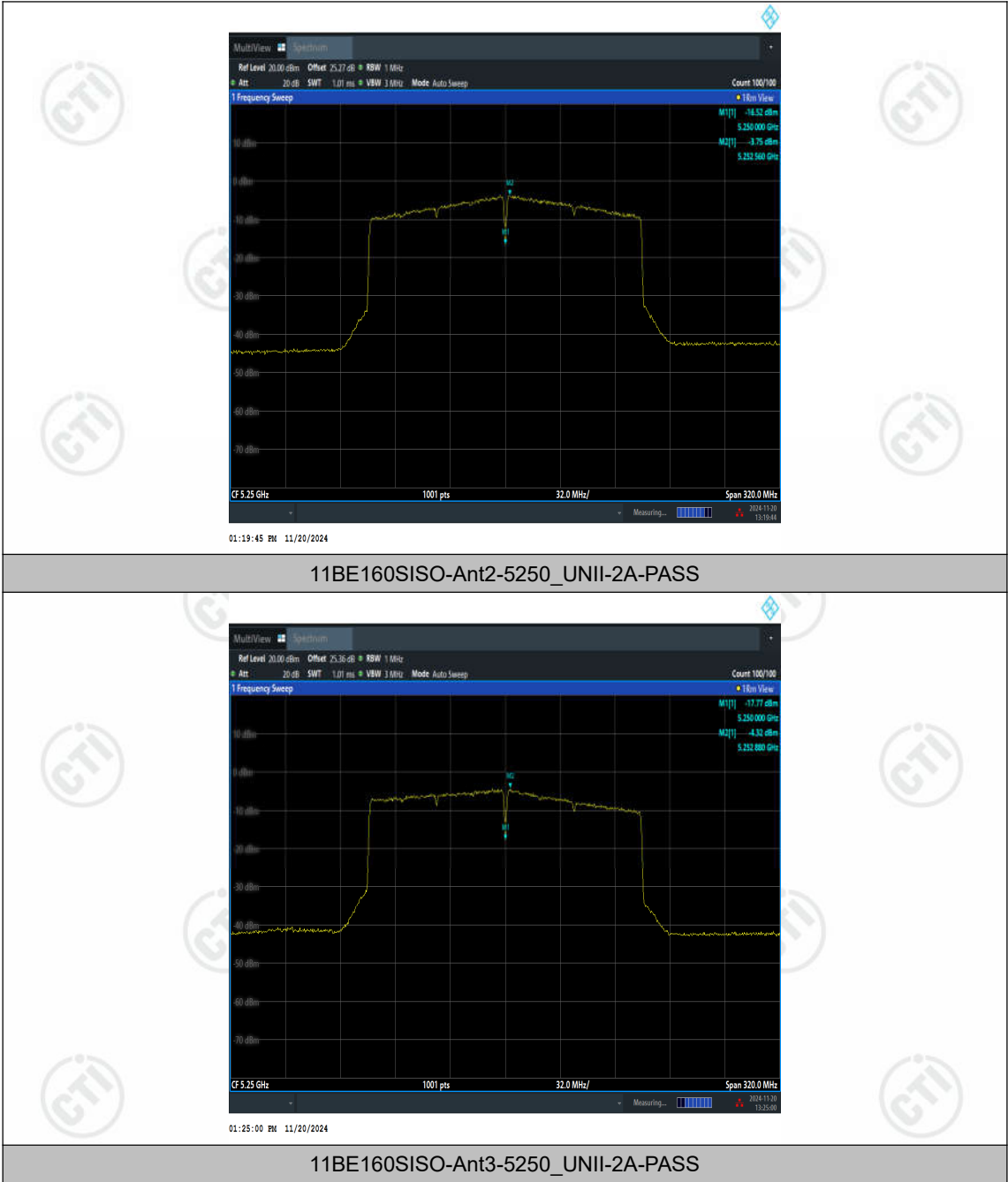


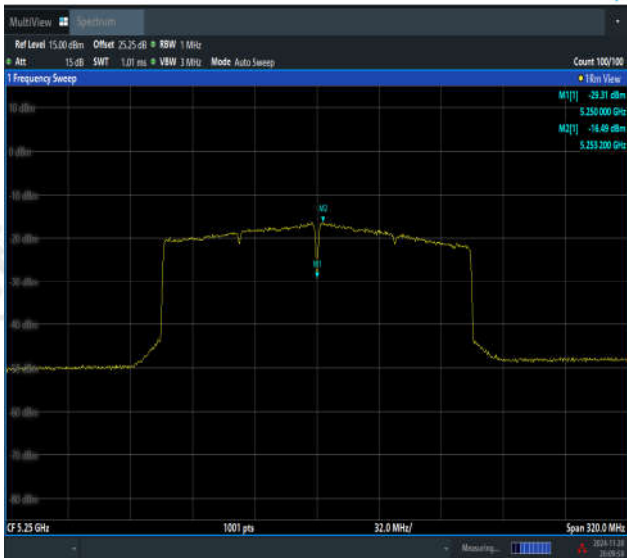
11BE80MIMO-Ant1-5290-PASS



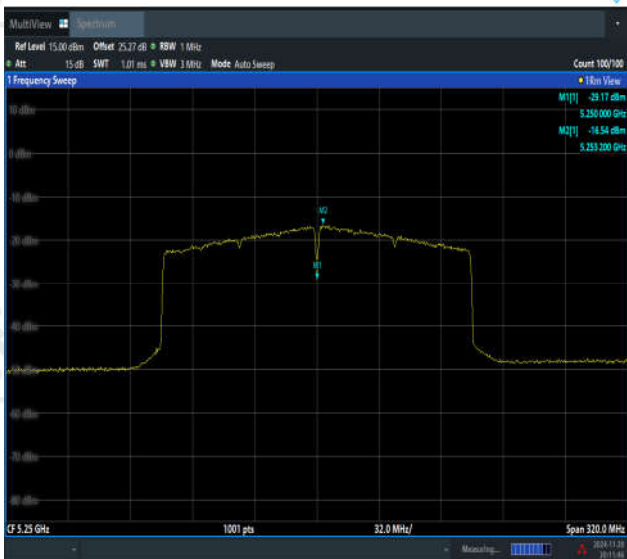
11BE80MIMO-Ant2-5290-PASS



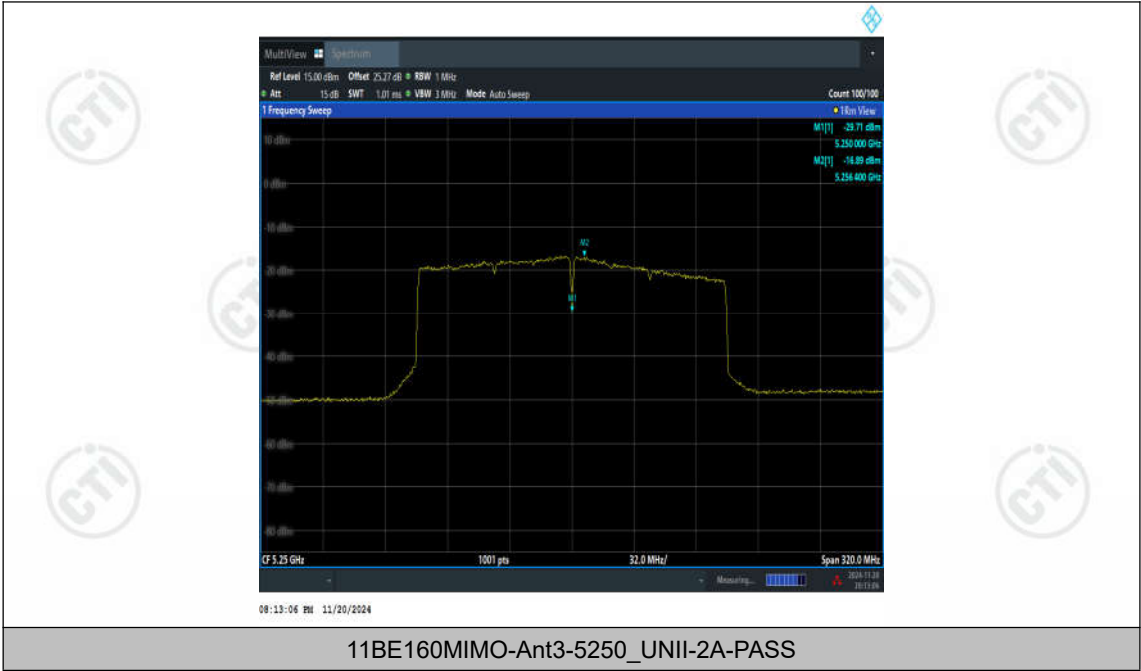




11BE160MIMO-Ant1-5250_UNII-2A-PASS



11BE160MIMO-Ant2-5250_UNII-2A-PASS



Appendix E: Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	LV	NT	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	HV	NT	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	LV	NT	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	HV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5300	NV	NT	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	LV	NT	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	HV	NT	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	NT	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	LV	NT	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	HV	NT	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	NV	NT	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	LV	NT	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	NT	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	LV	NT	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	HV	NT	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	NT	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	LV	NT	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	HV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11N20SISO	Ant1	5260	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11N20SISO	Ant2	5260	NV	NT	-20000.00	-3.802281	20	PASS
11N20SISO	Ant2	5260	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant2	5260	HV	NT	-20000.00	-3.802281	20	PASS
11N20SISO	Ant3	5260	NV	NT	-20000.00	-3.802281	20	PASS
11N20SISO	Ant3	5260	LV	NT	-20000.00	-3.802281	20	PASS
11N20SISO	Ant3	5260	HV	NT	-20000.00	-3.802281	20	PASS

11N20SISO	Ant1	5300	NV	NT	-20000.00	-3.773585	20	PASS
11N20SISO	Ant1	5300	LV	NT	-20000.00	-3.773585	20	PASS
11N20SISO	Ant1	5300	HV	NT	-20000.00	-3.773585	20	PASS
11N20SISO	Ant2	5300	NV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant2	5300	LV	NT	-20000.00	-3.773585	20	PASS
11N20SISO	Ant2	5300	HV	NT	-20000.00	-3.773585	20	PASS
11N20SISO	Ant3	5300	NV	NT	-20000.00	-3.773585	20	PASS
11N20SISO	Ant3	5300	LV	NT	-20000.00	-3.773585	20	PASS
11N20SISO	Ant3	5300	HV	NT	-20000.00	-3.773585	20	PASS
11N20SISO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant2	5320	NV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant2	5320	LV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant2	5320	HV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant3	5320	NV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant3	5320	LV	NT	-20000.00	-3.759398	20	PASS
11N20SISO	Ant3	5320	HV	NT	-20000.00	-3.759398	20	PASS
11N40SISO	Ant1	5270	NV	NT	-40000.00	-7.590133	20	PASS
11N40SISO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5270	HV	NT	-40000.00	-7.590133	20	PASS
11N40SISO	Ant2	5270	NV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5270	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5270	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant3	5270	NV	NT	-40000.00	-7.590133	20	PASS
11N40SISO	Ant3	5270	LV	NT	-40000.00	-7.590133	20	PASS
11N40SISO	Ant3	5270	HV	NT	-40000.00	-7.590133	20	PASS
11N40SISO	Ant1	5310	NV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant1	5310	LV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant1	5310	HV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant2	5310	NV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant2	5310	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5310	HV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant3	5310	NV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant3	5310	LV	NT	-40000.00	-7.532957	20	PASS
11N40SISO	Ant3	5310	HV	NT	-40000.00	-7.532957	20	PASS
11AC20SISO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11AC20SISO	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS
11AC20SISO	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11AC20SISO	Ant2	5260	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant2	5260	LV	NT	-20000.00	-3.802281	20	PASS

11AC20SISO	Ant2	5260	HV	NT	-20000.00	-3.802281	20	PASS
11AC20SISO	Ant3	5260	NV	NT	-20000.00	-3.802281	20	PASS
11AC20SISO	Ant3	5260	LV	NT	-20000.00	-3.802281	20	PASS
11AC20SISO	Ant3	5260	HV	NT	-20000.00	-3.802281	20	PASS
11AC20SISO	Ant1	5300	NV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant1	5300	LV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant1	5300	HV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant2	5300	NV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant2	5300	LV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant2	5300	HV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant3	5300	NV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant3	5300	LV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant3	5300	HV	NT	-20000.00	-3.773585	20	PASS
11AC20SISO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11AC20SISO	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11AC20SISO	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11AC20SISO	Ant2	5320	NV	NT	-20000.00	-3.759398	20	PASS
11AC20SISO	Ant2	5320	LV	NT	-20000.00	-3.759398	20	PASS
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11AC40SISO	Ant1	5270	NV	NT	-40000.00	-7.590133	20	PASS
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11AC40SISO	Ant1	5270	HV	NT	-40000.00	-7.590133	20	PASS
11AC40SISO	Ant2	5270	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant2	5270	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant2	5270	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant3	5270	NV	NT	-40000.00	-7.590133	20	PASS
11AC40SISO	Ant3	5270	LV	NT	-40000.00	-7.590133	20	PASS
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11AC40SISO	Ant1	5310	NV	NT	-40000.00	-7.532957	20	PASS
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11AC40SISO	Ant1	5310	HV	NT	-40000.00	-7.532957	20	PASS
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11AC40SISO	Ant2	5310	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant2	5310	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant3	5310	NV	NT	-40000.00	-7.532957	20	PASS
11AC40SISO	Ant3	5310	LV	NT	-40000.00	-7.532957	20	PASS
11AC40SISO	Ant3	5310	HV	NT	-40000.00	-7.532957	20	PASS
11AC80SISO	Ant1	5290	NV	NT	0.00	0.000000	20	PASS

11AC80SISO	Ant1	5290	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5290	HV	NT	0.00	0.000000	20	PASS
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11AC80SISO	Ant2	5290	LV	NT	0.00	0.000000	20	PASS
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11AC80SISO	Ant3	5290	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant3	5290	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant3	5290	HV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11AX20SISO	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS
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11AX20SISO	Ant2	5260	NV	NT	-20000.00	-3.802281	20	PASS
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11AX20SISO	Ant2	5260	HV	NT	-20000.00	-3.802281	20	PASS
11AX20SISO	Ant3	5260	NV	NT	-20000.00	-3.802281	20	PASS
11AX20SISO	Ant3	5260	LV	NT	-20000.00	-3.802281	20	PASS
11AX20SISO	Ant3	5260	HV	NT	-20000.00	-3.802281	20	PASS
11AX20SISO	Ant1	5300	NV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant1	5300	LV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant1	5300	HV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant2	5300	NV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant2	5300	LV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant2	5300	HV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant3	5300	NV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant3	5300	LV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant3	5300	HV	NT	-20000.00	-3.773585	20	PASS
11AX20SISO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant2	5320	NV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant2	5320	LV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant2	5320	HV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant3	5320	NV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant3	5320	LV	NT	-20000.00	-3.759398	20	PASS
11AX20SISO	Ant3	5320	HV	NT	-20000.00	-3.759398	20	PASS
11AX40SISO	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5270	HV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5270	NV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5270	LV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5270	HV	NT	0.00	0.000000	20	PASS

11AX40SISO	Ant3	5270	NV	NT	-40000.00	-7.590133	20	PASS
11AX40SISO	Ant3	5270	LV	NT	-40000.00	-7.590133	20	PASS
11AX40SISO	Ant3	5270	HV	NT	-40000.00	-7.590133	20	PASS
11AX40SISO	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5310	LV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5310	HV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5310	NV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5310	LV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5310	HV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant3	5310	NV	NT	-40000.00	-7.532957	20	PASS
11AX40SISO	Ant3	5310	LV	NT	-40000.00	-7.532957	20	PASS
11AX40SISO	Ant3	5310	HV	NT	-40000.00	-7.532957	20	PASS
11AX80SISO	Ant1	5290	NV	NT	-80000.00	-15.122873	20	PASS
11AX80SISO	Ant1	5290	LV	NT	-80000.00	-15.122873	20	PASS
11AX80SISO	Ant1	5290	HV	NT	-80000.00	-15.122873	20	PASS
11AX80SISO	Ant2	5290	NV	NT	-80000.00	-15.122873	20	PASS
11AX80SISO	Ant2	5290	LV	NT	-80000.00	-15.122873	20	PASS
11AX80SISO	Ant2	5290	HV	NT	-80000.00	-15.122873	20	PASS
11AX80SISO	Ant3	5290	NV	NT	-80000.00	-15.122873	20	PASS
11AX80SISO	Ant3	5290	LV	NT	-80000.00	-15.122873	20	PASS
11AX80SISO	Ant3	5290	HV	NT	-80000.00	-15.122873	20	PASS
11AC160SISO	Ant1	5250	NV	NT	-22000.00	-4.190476	20	PASS
11AC160SISO	Ant1	5250	LV	NT	-25000.00	-4.761905	20	PASS
11AC160SISO	Ant1	5250	HV	NT	-26000.00	-4.952381	20	PASS
11AC160SISO	Ant2	5250	NV	NT	-25000.00	-4.761905	20	PASS
11AC160SISO	Ant2	5250	LV	NT	-28000.00	-5.333333	20	PASS
11AC160SISO	Ant2	5250	HV	NT	-29000.00	-5.523810	20	PASS
11AC160SISO	Ant3	5250	NV	NT	-28000.00	-5.333333	20	PASS
11AC160SISO	Ant3	5250	LV	NT	-27000.00	-5.142857	20	PASS
11AC160SISO	Ant3	5250	HV	NT	-27000.00	-5.142857	20	PASS
11AX160SISO	Ant1	5250	NV	NT	0.00	0.000000	20	PASS
11AX160SISO	Ant1	5250	LV	NT	0.00	0.000000	20	PASS
11AX160SISO	Ant1	5250	HV	NT	0.00	0.000000	20	PASS
11AX160SISO	Ant2	5250	NV	NT	0.00	0.000000	20	PASS
11AX160SISO	Ant2	5250	LV	NT	0.00	0.000000	20	PASS
11AX160SISO	Ant2	5250	HV	NT	0.00	0.000000	20	PASS
11AX160SISO	Ant3	5250	NV	NT	0.00	0.000000	20	PASS
11AX160SISO	Ant3	5250	LV	NT	0.00	0.000000	20	PASS
11AX160SISO	Ant3	5250	HV	NT	0.00	0.000000	20	PASS
11BE20SISO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11BE20SISO	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS

11BE20SISO	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11BE20SISO	Ant2	5260	NV	NT	-20000.00	-3.802281	20	PASS
11BE20SISO	Ant2	5260	LV	NT	-20000.00	-3.802281	20	PASS
11BE20SISO	Ant2	5260	HV	NT	-20000.00	-3.802281	20	PASS
11BE20SISO	Ant3	5260	NV	NT	-20000.00	-3.802281	20	PASS
11BE20SISO	Ant3	5260	LV	NT	-20000.00	-3.802281	20	PASS
11BE20SISO	Ant3	5260	HV	NT	-20000.00	-3.802281	20	PASS
11BE20SISO	Ant1	5300	NV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant1	5300	LV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant1	5300	HV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant2	5300	NV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant2	5300	LV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant2	5300	HV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant3	5300	NV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant3	5300	LV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant3	5300	HV	NT	-20000.00	-3.773585	20	PASS
11BE20SISO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11BE20SISO	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11BE20SISO	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11BE20SISO	Ant2	5320	NV	NT	-20000.00	-3.759398	20	PASS
11BE20SISO	Ant2	5320	LV	NT	-20000.00	-3.759398	20	PASS
11BE20SISO	Ant2	5320	HV	NT	-20000.00	-3.759398	20	PASS
11BE20SISO	Ant3	5320	NV	NT	-20000.00	-3.759398	20	PASS
11BE20SISO	Ant3	5320	LV	NT	-20000.00	-3.759398	20	PASS
11BE20SISO	Ant3	5320	HV	NT	-20000.00	-3.759398	20	PASS
11BE40SISO	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant1	5270	HV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant2	5270	NV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant2	5270	LV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant2	5270	HV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant3	5270	NV	NT	-40000.00	-7.590133	20	PASS
11BE40SISO	Ant3	5270	LV	NT	-40000.00	-7.590133	20	PASS
11BE40SISO	Ant3	5270	HV	NT	-40000.00	-7.590133	20	PASS
11BE40SISO	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant1	5310	LV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant1	5310	HV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant2	5310	NV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant2	5310	LV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant2	5310	HV	NT	0.00	0.000000	20	PASS
11BE40SISO	Ant3	5310	NV	NT	-40000.00	-7.532957	20	PASS

11BE40SISO	Ant3	5310	LV	NT	-40000.00	-7.532957	20	PASS
11BE40SISO	Ant3	5310	HV	NT	-40000.00	-7.532957	20	PASS
11BE80SISO	Ant1	5290	NV	NT	-80000.00	-15.122873	20	PASS
11BE80SISO	Ant1	5290	LV	NT	-80000.00	-15.122873	20	PASS
11BE80SISO	Ant1	5290	HV	NT	-80000.00	-15.122873	20	PASS
11BE80SISO	Ant2	5290	NV	NT	-80000.00	-15.122873	20	PASS
11BE80SISO	Ant2	5290	LV	NT	-80000.00	-15.122873	20	PASS
11BE80SISO	Ant2	5290	HV	NT	-80000.00	-15.122873	20	PASS
11BE80SISO	Ant3	5290	NV	NT	-80000.00	-15.122873	20	PASS
11BE80SISO	Ant3	5290	LV	NT	-80000.00	-15.122873	20	PASS
11BE80SISO	Ant3	5290	HV	NT	-80000.00	-15.122873	20	PASS
11BE160SISO	Ant1	5250	NV	NT	0.00	0.000000	20	PASS
11BE160SISO	Ant1	5250	LV	NT	0.00	0.000000	20	PASS
11BE160SISO	Ant1	5250	HV	NT	0.00	0.000000	20	PASS
11BE160SISO	Ant2	5250	NV	NT	0.00	0.000000	20	PASS
11BE160SISO	Ant2	5250	LV	NT	0.00	0.000000	20	PASS
11BE160SISO	Ant2	5250	HV	NT	0.00	0.000000	20	PASS
11BE160SISO	Ant3	5250	NV	NT	0.00	0.000000	20	PASS
11BE160SISO	Ant3	5250	LV	NT	0.00	0.000000	20	PASS
11BE160SISO	Ant3	5250	HV	NT	0.00	0.000000	20	PASS

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	-20	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	50	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	-30	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	-20	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	-10	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	0	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	10	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	20	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	30	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	40	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	50	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	-30	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	-20	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	-10	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	0	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	10	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	20	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	30	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	40	-20000.00	-3.802281	20	PASS
11A	Ant3	5260	NV	50	-20000.00	-3.802281	20	PASS
11A	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	0	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	10	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	40	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	50	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	-30	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	-20	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	-10	-20000.00	-3.773585	20	PASS

11A	Ant2	5300	NV	0	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	10	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	20	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	30	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	40	-20000.00	-3.773585	20	PASS
11A	Ant2	5300	NV	50	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	NV	-30	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	NV	-20	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	NV	-10	0.00	0.000000	20	PASS
11A	Ant3	5300	NV	0	0.00	0.000000	20	PASS
11A	Ant3	5300	NV	10	0.00	0.000000	20	PASS
11A	Ant3	5300	NV	20	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	NV	30	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	NV	40	-20000.00	-3.773585	20	PASS
11A	Ant3	5300	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	-30	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	-20	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	-10	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	0	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	20	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	30	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	40	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	-30	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	-20	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	-10	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	0	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	10	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	20	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	30	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	40	-20000.00	-3.759398	20	PASS
11A	Ant2	5320	NV	50	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	-30	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	-20	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	-10	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	0	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	10	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	20	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	30	-20000.00	-3.759398	20	PASS
11A	Ant3	5320	NV	40	-20000.00	-3.759398	20	PASS

11A	Ant3	5320	NV	50	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	-20	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	50	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant2	5260	NV	-30	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant2	5260	NV	-20	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5260	NV	-10	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant2	5260	NV	0	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5260	NV	10	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5260	NV	20	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5260	NV	30	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5260	NV	40	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5260	NV	50	0.00	0.000000	20	PASS
11N20SI SO	Ant3	5260	NV	-30	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant3	5260	NV	-20	-20000.00	-3.802281	20	PASS
11N20SI	Ant3	5260	NV	-10	-20000.00	-3.802281	20	PASS

SO								
11N20SI SO	Ant3	5260	NV	0	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant3	5260	NV	10	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant3	5260	NV	20	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant3	5260	NV	30	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant3	5260	NV	40	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant3	5260	NV	50	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	0	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	10	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	40	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	50	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant2	5300	NV	-30	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5300	NV	-20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant2	5300	NV	-10	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5300	NV	0	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant2	5300	NV	10	-20000.00	-3.773585	20	PASS
11N20SI	Ant2	5300	NV	20	-20000.00	-3.773585	20	PASS

SO								
11N20SI SO	Ant2	5300	NV	30	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant2	5300	NV	40	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant2	5300	NV	50	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	-30	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	-20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	-10	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	0	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	10	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	30	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	40	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant3	5300	NV	50	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5320	NV	-30	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	-20	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	-10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	0	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	20	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	30	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	40	-20000.00	-3.759398	20	PASS
11N20SI	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS

SO								
11N20SI SO	Ant2	5320	NV	-30	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant2	5320	NV	-20	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant2	5320	NV	-10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant2	5320	NV	0	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant2	5320	NV	10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant2	5320	NV	20	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant2	5320	NV	30	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant2	5320	NV	40	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant2	5320	NV	50	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	-30	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	-20	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	-10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	0	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	20	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	30	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	40	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant3	5320	NV	50	-20000.00	-3.759398	20	PASS
11N40SI SO	Ant1	5270	NV	-30	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5270	NV	-20	-40000.00	-7.590133	20	PASS
11N40SI	Ant1	5270	NV	-10	-40000.00	-7.590133	20	PASS

SO								
11N40SI SO	Ant1	5270	NV	0	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5270	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	20	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5270	NV	30	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5270	NV	40	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5270	NV	50	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant2	5270	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5270	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5270	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5270	NV	0	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5270	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5270	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5270	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5270	NV	40	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5270	NV	50	0.00	0.000000	20	PASS
11N40SI SO	Ant3	5270	NV	-30	-80000.00	-15.180266	20	PASS
11N40SI SO	Ant3	5270	NV	-20	-80000.00	-15.180266	20	PASS
11N40SI SO	Ant3	5270	NV	-10	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant3	5270	NV	0	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant3	5270	NV	10	-80000.00	-15.180266	20	PASS
11N40SI	Ant3	5270	NV	20	-40000.00	-7.590133	20	PASS

SO								
11N40SI SO	Ant3	5270	NV	30	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant3	5270	NV	40	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant3	5270	NV	50	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5310	NV	-30	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	-20	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	-10	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	0	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	10	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	20	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	30	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	40	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	50	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant2	5310	NV	-30	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant2	5310	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5310	NV	-10	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant2	5310	NV	0	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5310	NV	10	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant2	5310	NV	20	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant2	5310	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5310	NV	40	0.00	0.000000	20	PASS
11N40SI	Ant2	5310	NV	50	-40000.00	-7.532957	20	PASS

SO								
11N40SI SO	Ant3	5310	NV	-30	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant3	5310	NV	-20	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant3	5310	NV	-10	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant3	5310	NV	0	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant3	5310	NV	10	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant3	5310	NV	20	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant3	5310	NV	30	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant3	5310	NV	40	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant3	5310	NV	50	-40000.00	-7.532957	20	PASS
11AC20S ISO	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	-20	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	50	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant2	5260	NV	-30	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant2	5260	NV	-20	-20000.00	-3.802281	20	PASS
11AC20S	Ant2	5260	NV	-10	-20000.00	-3.802281	20	PASS

ISO								
11AC20S ISO	Ant2	5260	NV	0	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant2	5260	NV	10	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant2	5260	NV	20	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant2	5260	NV	30	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant2	5260	NV	40	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant2	5260	NV	50	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	-30	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	-20	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	-10	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	0	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	10	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	20	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	30	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	40	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant3	5260	NV	50	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	0	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	10	-20000.00	-3.773585	20	PASS
11AC20S	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS

ISO								
11AC20S ISO	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	40	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	50	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	-30	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	-20	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	-10	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	0	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	10	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	20	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	30	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	40	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant2	5300	NV	50	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant3	5300	NV	-30	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant3	5300	NV	-20	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant3	5300	NV	-10	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant3	5300	NV	0	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant3	5300	NV	10	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant3	5300	NV	20	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant3	5300	NV	30	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant3	5300	NV	40	-20000.00	-3.773585	20	PASS
11AC20S	Ant3	5300	NV	50	-20000.00	-3.773585	20	PASS

ISO								
11AC20S ISO	Ant1	5320	NV	-30	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	-20	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	-10	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	0	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	20	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	30	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	40	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	-30	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	-20	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	-10	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	0	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	10	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	20	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	30	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	40	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant2	5320	NV	50	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant3	5320	NV	-30	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant3	5320	NV	-20	-20000.00	-3.759398	20	PASS
11AC20S	Ant3	5320	NV	-10	-20000.00	-3.759398	20	PASS

ISO								
11AC20S ISO	Ant3	5320	NV	0	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant3	5320	NV	10	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant3	5320	NV	20	-40000.00	-7.518797	20	PASS
11AC20S ISO	Ant3	5320	NV	30	-40000.00	-7.518797	20	PASS
11AC20S ISO	Ant3	5320	NV	40	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant3	5320	NV	50	-40000.00	-7.518797	20	PASS
11AC40S ISO	Ant1	5270	NV	-30	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	-20	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	-10	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	0	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	10	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	20	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	30	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	40	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	50	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant2	5270	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5270	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5270	NV	-10	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5270	NV	0	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5270	NV	10	0.00	0.000000	20	PASS
11AC40S	Ant2	5270	NV	20	0.00	0.000000	20	PASS

ISO								
11AC40S ISO	Ant2	5270	NV	30	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5270	NV	40	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5270	NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant3	5270	NV	-30	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant3	5270	NV	-20	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant3	5270	NV	-10	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant3	5270	NV	0	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant3	5270	NV	10	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant3	5270	NV	20	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant3	5270	NV	30	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant3	5270	NV	40	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant3	5270	NV	50	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5310	NV	-30	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	-20	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	-10	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	0	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	10	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	NV	20	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	30	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	40	0.00	0.000000	20	PASS
11AC40S	Ant1	5310	NV	50	0.00	0.000000	20	PASS

ISO								
11AC40S ISO	Ant2	5310	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5310	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5310	NV	-10	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5310	NV	0	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5310	NV	10	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5310	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5310	NV	30	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5310	NV	40	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5310	NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant3	5310	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant3	5310	NV	-20	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant3	5310	NV	-10	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant3	5310	NV	0	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant3	5310	NV	10	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant3	5310	NV	20	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant3	5310	NV	30	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant3	5310	NV	40	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant3	5310	NV	50	-40000.00	-7.532957	20	PASS
11AC80S ISO	Ant1	5290	NV	-30	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5290	NV	-20	0.00	0.000000	20	PASS
11AC80S	Ant1	5290	NV	-10	0.00	0.000000	20	PASS

ISO								
11AC80S ISO	Ant1	5290	NV	0	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5290	NV	10	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5290	NV	20	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5290	NV	30	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5290	NV	40	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5290	NV	50	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	-30	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	-20	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	-10	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	0	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	10	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	20	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	30	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	40	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5290	NV	50	0.00	0.000000	20	PASS
11AC80S ISO	Ant3	5290	NV	-30	0.00	0.000000	20	PASS
11AC80S ISO	Ant3	5290	NV	-20	0.00	0.000000	20	PASS
11AC80S ISO	Ant3	5290	NV	-10	0.00	0.000000	20	PASS
11AC80S ISO	Ant3	5290	NV	0	0.00	0.000000	20	PASS
11AC80S ISO	Ant3	5290	NV	10	0.00	0.000000	20	PASS
11AC80S	Ant3	5290	NV	20	0.00	0.000000	20	PASS

ISO								
11AC80S ISO	Ant3	5290	NV	30	0.00	0.000000	20	PASS
11AC80S ISO	Ant3	5290	NV	40	0.00	0.000000	20	PASS
11AC80S ISO	Ant3	5290	NV	50	0.00	0.000000	20	PASS
11AX20SI SO	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5260	NV	-20	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5260	NV	50	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant2	5260	NV	-30	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant2	5260	NV	-20	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant2	5260	NV	-10	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant2	5260	NV	0	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant2	5260	NV	10	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant2	5260	NV	20	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant2	5260	NV	30	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant2	5260	NV	40	-20000.00	-3.802281	20	PASS
11AX20SI	Ant2	5260	NV	50	-20000.00	-3.802281	20	PASS

SO								
11AX20SI SO	Ant3	5260	NV	-30	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant3	5260	NV	-20	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant3	5260	NV	-10	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant3	5260	NV	0	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant3	5260	NV	10	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant3	5260	NV	20	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant3	5260	NV	30	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant3	5260	NV	40	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant3	5260	NV	50	-20000.00	-3.802281	20	PASS
11AX20SI SO	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5300	NV	0	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5300	NV	10	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5300	NV	40	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5300	NV	50	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant2	5300	NV	-30	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant2	5300	NV	-20	-20000.00	-3.773585	20	PASS
11AX20SI	Ant2	5300	NV	-10	-20000.00	-3.773585	20	PASS

SO								
11AX20SI SO	Ant2	5300	NV	0	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant2	5300	NV	10	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant2	5300	NV	20	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant2	5300	NV	30	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant2	5300	NV	40	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant2	5300	NV	50	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	-30	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	-20	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	-10	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	0	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	10	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	20	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	30	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	40	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant3	5300	NV	50	-20000.00	-3.773585	20	PASS
11AX20SI SO	Ant1	5320	NV	-30	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant1	5320	NV	-20	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant1	5320	NV	-10	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant1	5320	NV	0	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11AX20SI	Ant1	5320	NV	20	-20000.00	-3.759398	20	PASS

SO								
11AX20SI SO	Ant1	5320	NV	30	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant1	5320	NV	40	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	-30	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	-20	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	-10	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	0	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	10	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	20	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	30	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	40	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant2	5320	NV	50	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant3	5320	NV	-30	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant3	5320	NV	-20	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant3	5320	NV	-10	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant3	5320	NV	0	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant3	5320	NV	10	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant3	5320	NV	20	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant3	5320	NV	30	-20000.00	-3.759398	20	PASS
11AX20SI SO	Ant3	5320	NV	40	-20000.00	-3.759398	20	PASS
11AX20SI	Ant3	5320	NV	50	-20000.00	-3.759398	20	PASS

SO								
11AX40SI SO	Ant1	5270	NV	-30	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5270	NV	-20	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5270	NV	-10	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5270	NV	0	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5270	NV	10	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5270	NV	20	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5270	NV	30	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5270	NV	40	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5270	NV	50	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	-30	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	-20	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	-10	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	0	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	10	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	20	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	30	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	40	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5270	NV	50	0.00	0.000000	20	PASS
11AX40SI SO	Ant3	5270	NV	-30	-40000.00	-7.590133	20	PASS
11AX40SI SO	Ant3	5270	NV	-20	-40000.00	-7.590133	20	PASS
11AX40SI	Ant3	5270	NV	-10	-40000.00	-7.590133	20	PASS

SO								
11AX40SI SO	Ant3	5270	NV	0	-40000.00	-7.590133	20	PASS
11AX40SI SO	Ant3	5270	NV	10	-40000.00	-7.590133	20	PASS
11AX40SI SO	Ant3	5270	NV	20	-40000.00	-7.590133	20	PASS
11AX40SI SO	Ant3	5270	NV	30	-40000.00	-7.590133	20	PASS
11AX40SI SO	Ant3	5270	NV	40	-40000.00	-7.590133	20	PASS
11AX40SI SO	Ant3	5270	NV	50	-40000.00	-7.590133	20	PASS
11AX40SI SO	Ant1	5310	NV	-30	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5310	NV	-20	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5310	NV	-10	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5310	NV	0	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5310	NV	10	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5310	NV	20	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5310	NV	30	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5310	NV	40	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5310	NV	50	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5310	NV	-30	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5310	NV	-20	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5310	NV	-10	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5310	NV	0	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5310	NV	10	0.00	0.000000	20	PASS
11AX40SI	Ant2	5310	NV	20	0.00	0.000000	20	PASS

SO								
11AX40SI SO	Ant2	5310	NV	30	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5310	NV	40	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5310	NV	50	0.00	0.000000	20	PASS
11AX40SI SO	Ant3	5310	NV	-30	-40000.00	-7.532957	20	PASS
11AX40SI SO	Ant3	5310	NV	-20	-40000.00	-7.532957	20	PASS
11AX40SI SO	Ant3	5310	NV	-10	-40000.00	-7.532957	20	PASS
11AX40SI SO	Ant3	5310	NV	0	-40000.00	-7.532957	20	PASS
11AX40SI SO	Ant3	5310	NV	10	-40000.00	-7.532957	20	PASS
11AX40SI SO	Ant3	5310	NV	20	-40000.00	-7.532957	20	PASS
11AX40SI SO	Ant3	5310	NV	30	-40000.00	-7.532957	20	PASS
11AX40SI SO	Ant3	5310	NV	40	-40000.00	-7.532957	20	PASS
11AX40SI SO	Ant3	5310	NV	50	-40000.00	-7.532957	20	PASS
11AX80SI SO	Ant1	5290	NV	-30	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant1	5290	NV	-20	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant1	5290	NV	-10	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant1	5290	NV	0	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant1	5290	NV	10	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant1	5290	NV	20	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant1	5290	NV	30	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant1	5290	NV	40	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant1	5290	NV	50	-80000.00	-15.122873	20	PASS

SO								
11AX80SI SO	Ant2	5290	NV	-30	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant2	5290	NV	-20	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant2	5290	NV	-10	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant2	5290	NV	0	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant2	5290	NV	10	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant2	5290	NV	20	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant2	5290	NV	30	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant2	5290	NV	40	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant2	5290	NV	50	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	-30	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	-20	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	-10	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	0	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	10	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	20	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	30	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	40	-80000.00	-15.122873	20	PASS
11AX80SI SO	Ant3	5290	NV	50	-80000.00	-15.122873	20	PASS
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC160 SISO	Ant1	5250	NV	-30	-26000.00	-4.952381	20	PASS
11AC160	Ant1	5250	NV	-20	-27000.00	-5.142857	20	PASS

SISO								
11AC160 SISO	Ant1	5250	NV	-10	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant1	5250	NV	0	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant1	5250	NV	10	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant1	5250	NV	20	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant1	5250	NV	30	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant1	5250	NV	40	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant1	5250	NV	50	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant2	5250	NV	-30	-29000.00	-5.523810	20	PASS
11AC160 SISO	Ant2	5250	NV	-20	-29000.00	-5.523810	20	PASS
11AC160 SISO	Ant2	5250	NV	-10	-29000.00	-5.523810	20	PASS
11AC160 SISO	Ant2	5250	NV	0	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant2	5250	NV	10	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant2	5250	NV	20	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant2	5250	NV	30	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant2	5250	NV	40	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant2	5250	NV	50	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant3	5250	NV	-30	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant3	5250	NV	-20	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant3	5250	NV	-10	-27000.00	-5.142857	20	PASS
11AC160 SISO	Ant3	5250	NV	0	-28000.00	-5.333333	20	PASS
11AC160	Ant3	5250	NV	10	-28000.00	-5.333333	20	PASS

SISO								
11AC160 SISO	Ant3	5250	NV	20	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant3	5250	NV	30	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant3	5250	NV	40	-28000.00	-5.333333	20	PASS
11AC160 SISO	Ant3	5250	NV	50	-28000.00	-5.333333	20	PASS
11AX160 SISO	Ant1	5250	NV	-30	0.00	0.000000	20	PASS
11AX160 SISO	Ant1	5250	NV	-20	0.00	0.000000	20	PASS
11AX160 SISO	Ant1	5250	NV	-10	0.00	0.000000	20	PASS
11AX160 SISO	Ant1	5250	NV	0	0.00	0.000000	20	PASS
11AX160 SISO	Ant1	5250	NV	10	0.00	0.000000	20	PASS
11AX160 SISO	Ant1	5250	NV	20	0.00	0.000000	20	PASS
11AX160 SISO	Ant1	5250	NV	30	0.00	0.000000	20	PASS
11AX160 SISO	Ant1	5250	NV	40	0.00	0.000000	20	PASS
11AX160 SISO	Ant1	5250	NV	50	0.00	0.000000	20	PASS
11AX160 SISO	Ant2	5250	NV	-30	0.00	0.000000	20	PASS
11AX160 SISO	Ant2	5250	NV	-20	0.00	0.000000	20	PASS
11AX160 SISO	Ant2	5250	NV	-10	0.00	0.000000	20	PASS
11AX160 SISO	Ant2	5250	NV	0	0.00	0.000000	20	PASS
11AX160 SISO	Ant2	5250	NV	10	0.00	0.000000	20	PASS
11AX160 SISO	Ant2	5250	NV	20	0.00	0.000000	20	PASS
11AX160 SISO	Ant2	5250	NV	30	0.00	0.000000	20	PASS
11AX160	Ant2	5250	NV	40	0.00	0.000000	20	PASS

SISO								
11AX160 SISO	Ant2	5250	NV	50	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	-30	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	-20	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	-10	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	0	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	10	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	20	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	30	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	40	0.00	0.000000	20	PASS
11AX160 SISO	Ant3	5250	NV	50	0.00	0.000000	20	PASS
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11BE20SI SO	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5260	NV	-20	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5260	NV	50	-20000.00	-3.802281	20	PASS
11BE20SI	Ant2	5260	NV	-30	-20000.00	-3.802281	20	PASS

SO								
11BE20SI SO	Ant2	5260	NV	-20	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant2	5260	NV	-10	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant2	5260	NV	0	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant2	5260	NV	10	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant2	5260	NV	20	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant2	5260	NV	30	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant2	5260	NV	40	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant2	5260	NV	50	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	-30	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	-20	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	-10	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	0	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	10	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	20	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	30	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	40	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant3	5260	NV	50	-20000.00	-3.802281	20	PASS
11BE20SI SO	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant1	5300	NV	0	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant1	5300	NV	10	-20000.00	-3.773585	20	PASS
11BE20SI	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS

SO								
11BE20SI SO	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant1	5300	NV	40	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant1	5300	NV	50	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	-30	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	-20	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	-10	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	0	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	10	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	20	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	30	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	40	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant2	5300	NV	50	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant3	5300	NV	-30	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant3	5300	NV	-20	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant3	5300	NV	-10	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant3	5300	NV	0	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant3	5300	NV	10	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant3	5300	NV	20	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant3	5300	NV	30	-20000.00	-3.773585	20	PASS

SO								
11BE20SI SO	Ant3	5300	NV	40	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant3	5300	NV	50	-20000.00	-3.773585	20	PASS
11BE20SI SO	Ant1	5320	NV	30	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant1	5320	NV	40	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant1	5320	NV	-30	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant1	5320	NV	-20	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant1	5320	NV	-10	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant1	5320	NV	0	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant1	5320	NV	20	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	-30	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	-20	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	-10	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	0	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	10	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	20	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	30	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	40	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant2	5320	NV	50	-20000.00	-3.759398	20	PASS
11BE20SI	Ant3	5320	NV	-30	-20000.00	-3.759398	20	PASS

SO								
11BE20SI SO	Ant3	5320	NV	-20	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant3	5320	NV	-10	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant3	5320	NV	0	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant3	5320	NV	10	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant3	5320	NV	20	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant3	5320	NV	30	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant3	5320	NV	40	-20000.00	-3.759398	20	PASS
11BE20SI SO	Ant3	5320	NV	50	-20000.00	-3.759398	20	PASS
11BE40SI SO	Ant1	5270	NV	-30	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5270	NV	-20	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5270	NV	-10	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5270	NV	0	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5270	NV	10	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5270	NV	20	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5270	NV	30	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5270	NV	40	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5270	NV	50	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5270	NV	-30	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5270	NV	-20	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5270	NV	-10	0.00	0.000000	20	PASS
11BE40SI	Ant2	5270	NV	0	0.00	0.000000	20	PASS

SO								
11BE40SI SO	Ant2	5270	NV	10	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5270	NV	20	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5270	NV	30	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5270	NV	40	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5270	NV	50	0.00	0.000000	20	PASS
11BE40SI SO	Ant3	5270	NV	-30	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant3	5270	NV	-20	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant3	5270	NV	-10	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant3	5270	NV	0	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant3	5270	NV	10	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant3	5270	NV	20	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant3	5270	NV	30	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant3	5270	NV	40	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant3	5270	NV	50	-40000.00	-7.590133	20	PASS
11BE40SI SO	Ant1	5310	NV	-30	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5310	NV	-20	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5310	NV	-10	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5310	NV	0	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5310	NV	10	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5310	NV	20	0.00	0.000000	20	PASS
11BE40SI	Ant1	5310	NV	30	0.00	0.000000	20	PASS

SO								
11BE40SI SO	Ant1	5310	NV	40	0.00	0.000000	20	PASS
11BE40SI SO	Ant1	5310	NV	50	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	-30	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	-20	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	-10	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	0	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	10	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	20	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	30	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	40	0.00	0.000000	20	PASS
11BE40SI SO	Ant2	5310	NV	50	0.00	0.000000	20	PASS
11BE40SI SO	Ant3	5310	NV	-30	-40000.00	-7.532957	20	PASS
11BE40SI SO	Ant3	5310	NV	-20	-40000.00	-7.532957	20	PASS
11BE40SI SO	Ant3	5310	NV	-10	-40000.00	-7.532957	20	PASS
11BE40SI SO	Ant3	5310	NV	0	-40000.00	-7.532957	20	PASS
11BE40SI SO	Ant3	5310	NV	10	-40000.00	-7.532957	20	PASS
11BE40SI SO	Ant3	5310	NV	20	-40000.00	-7.532957	20	PASS
11BE40SI SO	Ant3	5310	NV	30	-40000.00	-7.532957	20	PASS
11BE40SI SO	Ant3	5310	NV	40	-40000.00	-7.532957	20	PASS
11BE40SI SO	Ant3	5310	NV	50	0.00	0.000000	20	PASS
11BE80SI	Ant1	5290	NV	-30	-80000.00	-15.122873	20	PASS

SO								
11BE80SI SO	Ant1	5290	NV	-20	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant1	5290	NV	-10	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant1	5290	NV	0	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant1	5290	NV	10	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant1	5290	NV	20	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant1	5290	NV	30	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant1	5290	NV	40	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant1	5290	NV	50	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	-30	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	-20	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	-10	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	0	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	10	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	20	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	30	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	40	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant2	5290	NV	50	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant3	5290	NV	-30	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant3	5290	NV	-20	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant3	5290	NV	-10	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant3	5290	NV	0	-80000.00	-15.122873	20	PASS

SO								
11BE80SI SO	Ant3	5290	NV	10	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant3	5290	NV	20	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant3	5290	NV	30	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant3	5290	NV	40	-80000.00	-15.122873	20	PASS
11BE80SI SO	Ant3	5290	NV	50	-80000.00	-15.122873	20	PASS
11BE160 SISO	Ant1	5250	NV	-30	0.00	0.000000	20	PASS
11BE160 SISO	Ant1	5250	NV	-20	0.00	0.000000	20	PASS
11BE160 SISO	Ant1	5250	NV	-10	0.00	0.000000	20	PASS
11BE160 SISO	Ant1	5250	NV	0	0.00	0.000000	20	PASS
11BE160 SISO	Ant1	5250	NV	10	0.00	0.000000	20	PASS
11BE160 SISO	Ant1	5250	NV	20	0.00	0.000000	20	PASS
11BE160 SISO	Ant1	5250	NV	30	0.00	0.000000	20	PASS
11BE160 SISO	Ant1	5250	NV	40	0.00	0.000000	20	PASS
11BE160 SISO	Ant1	5250	NV	50	0.00	0.000000	20	PASS
11BE160 SISO	Ant2	5250	NV	-30	0.00	0.000000	20	PASS
11BE160 SISO	Ant2	5250	NV	-20	0.00	0.000000	20	PASS
11BE160 SISO	Ant2	5250	NV	-10	0.00	0.000000	20	PASS
11BE160 SISO	Ant2	5250	NV	0	0.00	0.000000	20	PASS
11BE160 SISO	Ant2	5250	NV	10	0.00	0.000000	20	PASS
11BE160 SISO	Ant2	5250	NV	20	0.00	0.000000	20	PASS
11BE160	Ant2	5250	NV	30	0.00	0.000000	20	PASS

SISO								
11BE160 SISO	Ant2	5250	NV	40	0.00	0.000000	20	PASS
11BE160 SISO	Ant2	5250	NV	50	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	-30	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	-20	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	-10	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	0	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	10	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	20	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	30	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	40	0.00	0.000000	20	PASS
11BE160 SISO	Ant3	5250	NV	50	0.00	0.000000	20	PASS

END OF REPORT