

APPENDIX REPORT

Project No.	SHT2603105404W	Radio Specification	WIFI 5G
Test sample No.	YPHT26031054001	Model No.	Q70
Start test date	2026/06/15	Finish date	2026/07/15
Temperature	21.9℃	Humidity	55%
Test Engineer	Jiaxing Si	Auditor	Xiaodong Zhuo

Appendix clause	Test item	Result
A	Maximum Conducted Output Power	PASS
B	Maximum Power Spectral Density	PASS
C	26dB Bandwidth	PASS
D	99% Occupy bandwidth	PASS
E	Duty Cycle	PASS
F	Frequency Stability	PASS

Appendix A: Maximum Conducted Output Power

Test Result Channel Power

Test Mode	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	5180	2.01	94.06	0.27	2.28	≤23.98	PASS
11A	5220	3.56	94.06	0.27	3.83	≤23.98	PASS
11A	5240	4.11	94.06	0.27	4.38	≤23.98	PASS
11N20SISO	5180	2.42	93.66	0.28	2.70	≤23.98	PASS
11N20SISO	5220	3.47	93.66	0.28	3.75	≤23.98	PASS
11N20SISO	5240	4.11	93.66	0.28	4.39	≤23.98	PASS
11N40SISO	5190	1.76	87.96	0.56	2.32	≤23.98	PASS
11N40SISO	5230	3.76	87.85	0.56	4.32	≤23.98	PASS

Note: The Duty Cycle Factor is compensated in the graph.

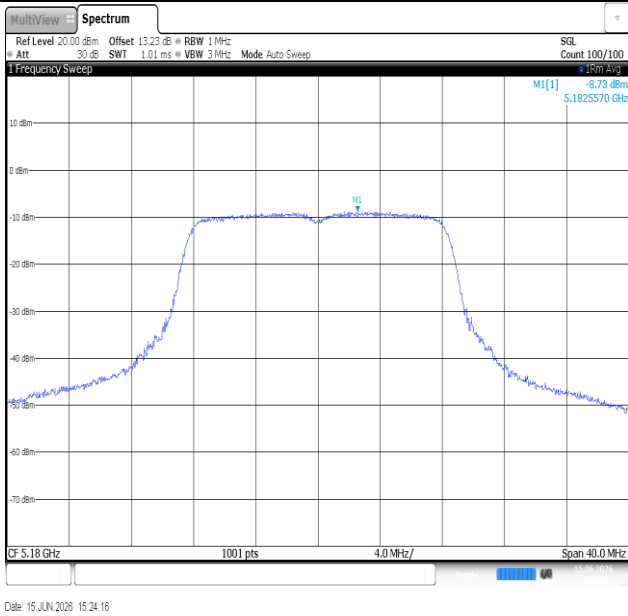
Appendix B: Maximum Power Spectral Density

Test Result

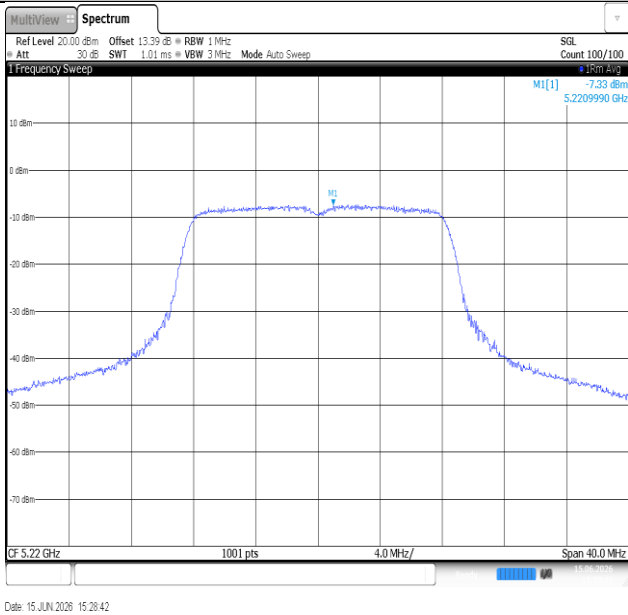
TestMode	Frequency[MHz]	PSD[dBm/MHz]	DC Factor [dBm]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	5180	-8.73	0.27	-8.46	≤11.00	PASS
11A	5220	-7.33	0.27	-7.06	≤11.00	PASS
11A	5240	-6.82	0.27	-6.55	≤11.00	PASS
11N20SISO	5180	-8.80	0.28	-8.52	≤11.00	PASS
11N20SISO	5220	-7.60	0.28	-7.32	≤11.00	PASS
11N20SISO	5240	-6.83	0.28	-6.55	≤11.00	PASS
11N40SISO	5190	-11.76	0.56	-11.20	≤11.00	PASS
11N40SISO	5230	-10.00	0.56	-9.44	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The RBW Factor is compensated in the graph.

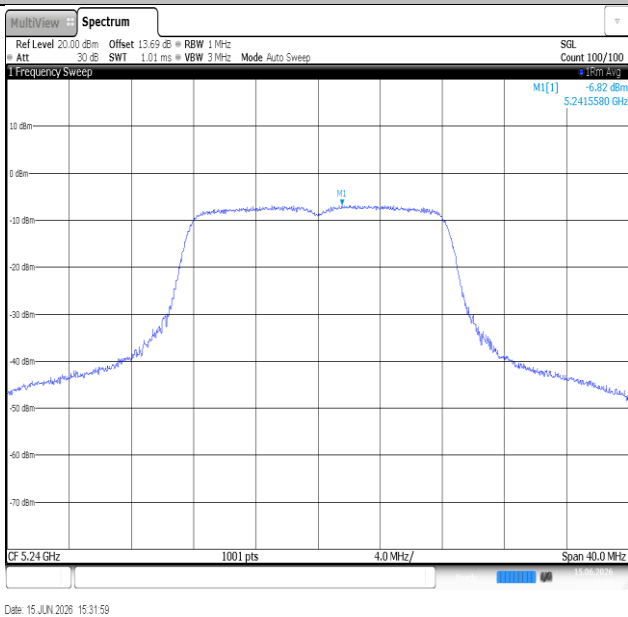
Test Graphs



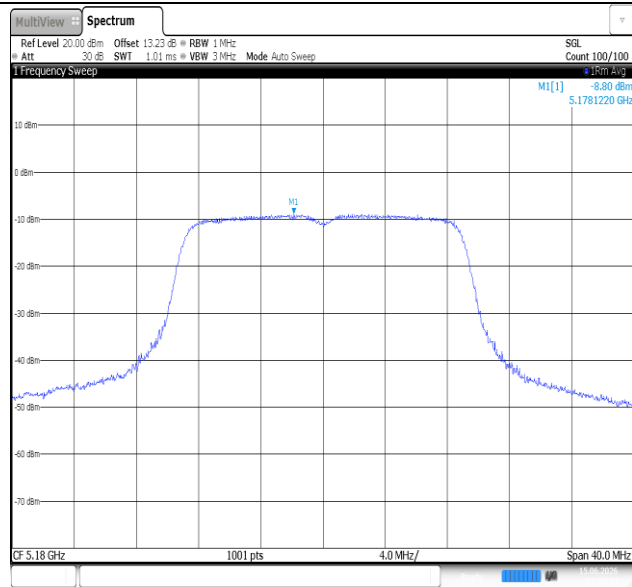
11A-Ant1-5180-PASS



11A-Ant1-5220-PASS

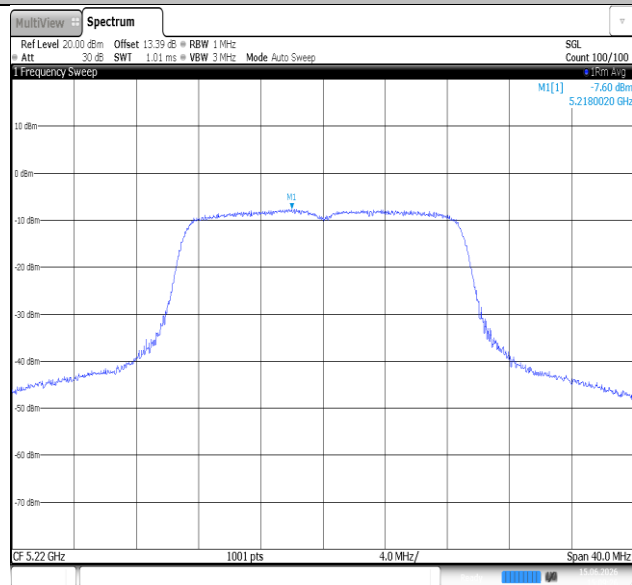


11A-Ant1-5240-PASS



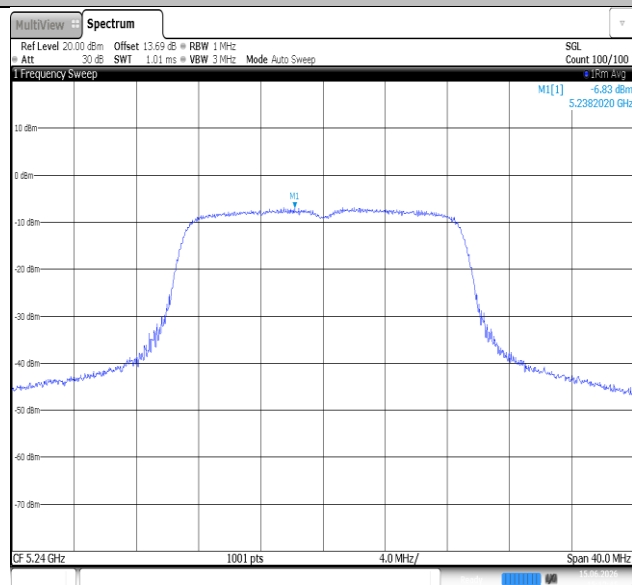
Date: 15 JUN 2026 15:05:03

11N20SISO-Ant1-5180-PASS



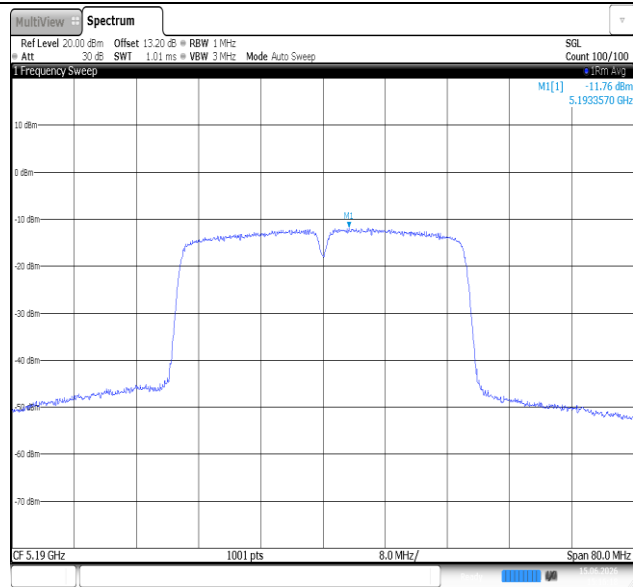
Date: 15 JUN 2026 15:09:26

11N20SISO-Ant1-5220-PASS



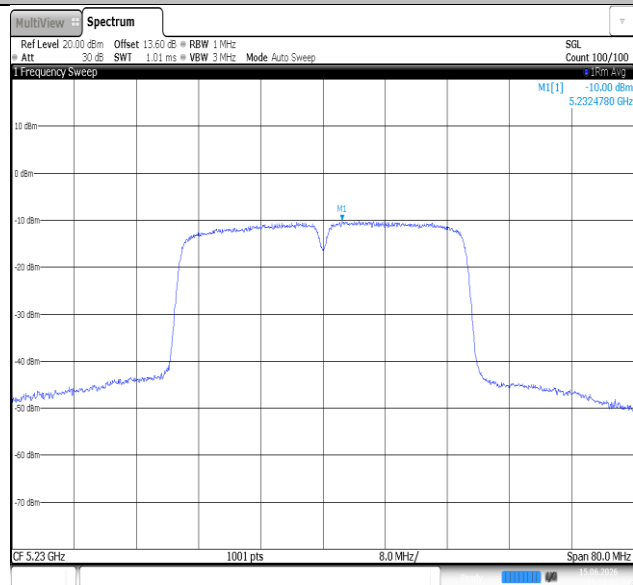
Date: 15 JUN 2026 15:12:46

11N20SISO-Ant1-5240-PASS



Date: 15 JUN 2026 15:16:19

11N40SISO-Ant1-5190-PASS



Date: 15 JUN 2026 15:20:02

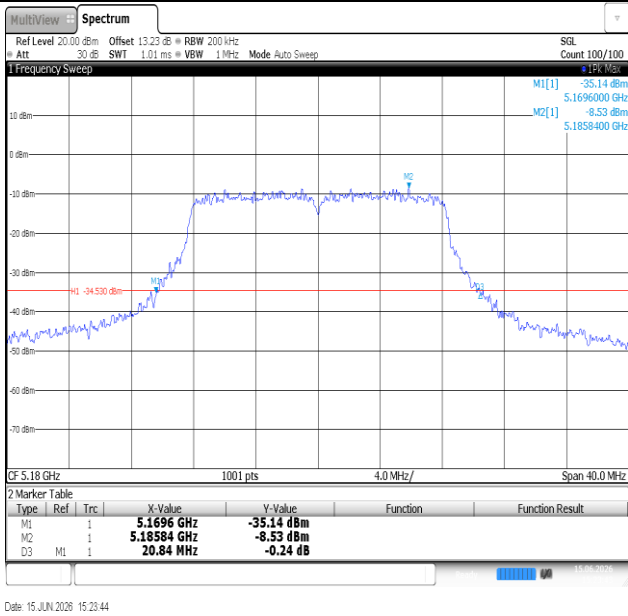
11N40SISO-Ant1-5230-PASS

Appendix C: 26dB Bandwidth

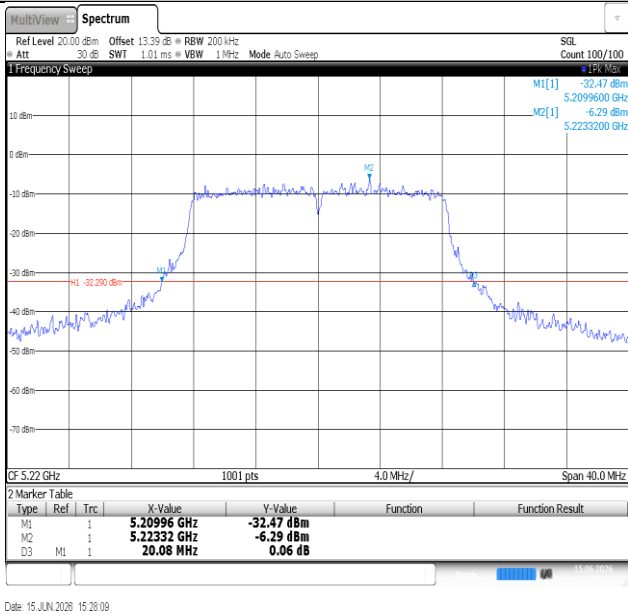
Test Result

TestMode	Frequency[MHz]	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
11A	5180	20.84	---	---
11A	5220	20.08	---	---
11A	5240	21.28	---	---
11N20SISO	5180	20.96	---	---
11N20SISO	5220	21.44	---	---
11N20SISO	5240	22.36	---	---
11N40SISO	5190	38.96	---	---
11N40SISO	5230	38.88	---	---

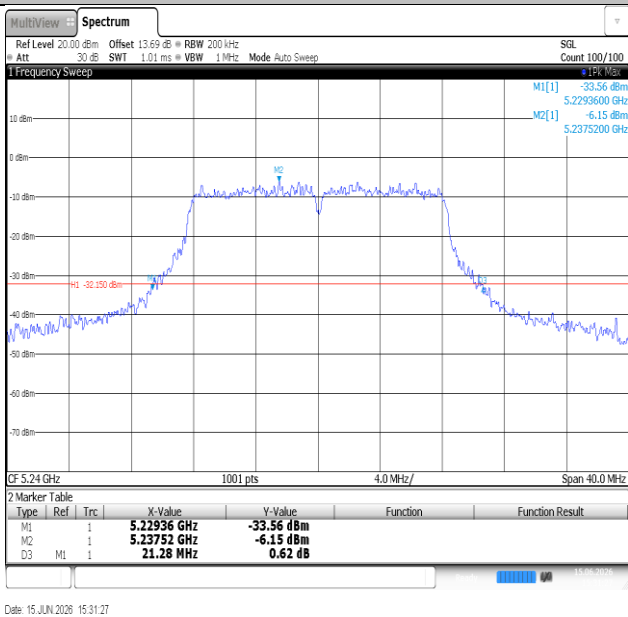
Test Graphs



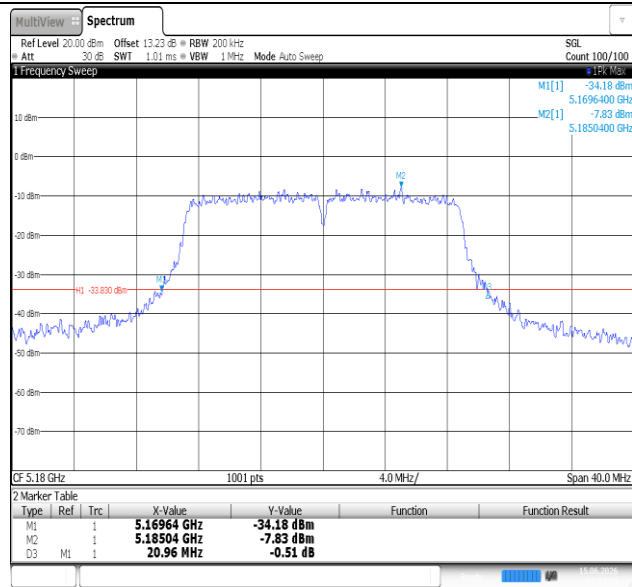
11A-Ant1-5180



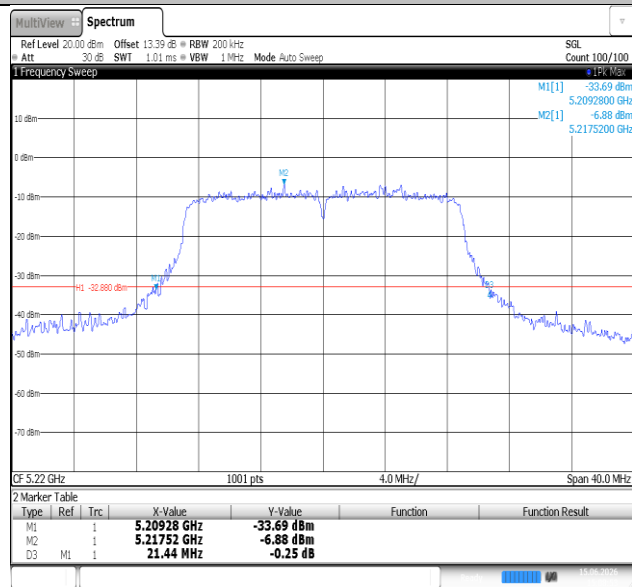
11A-Ant1-5220



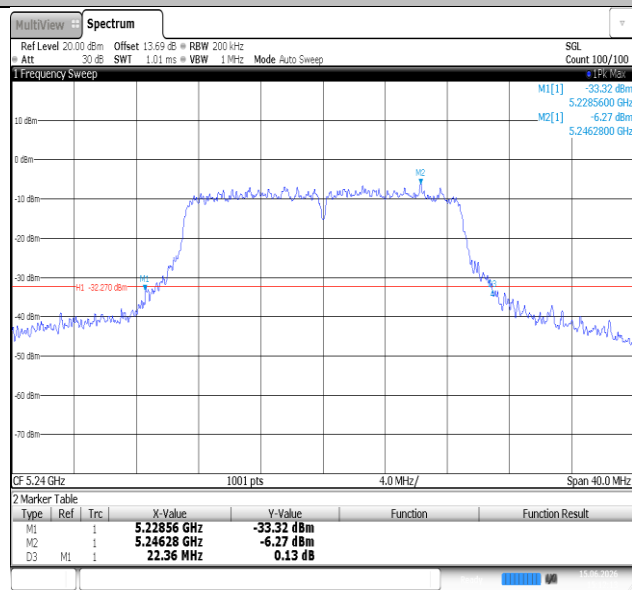
11A-Ant1-5240



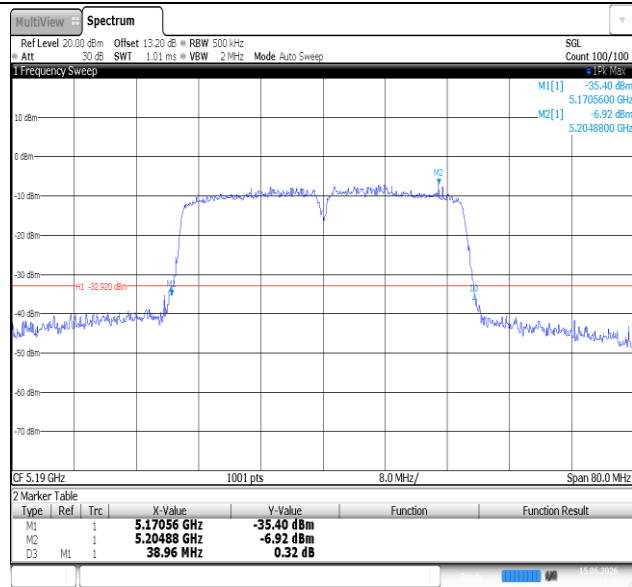
11N20SISO-Ant1-5180



11N20SISO-Ant1-5220

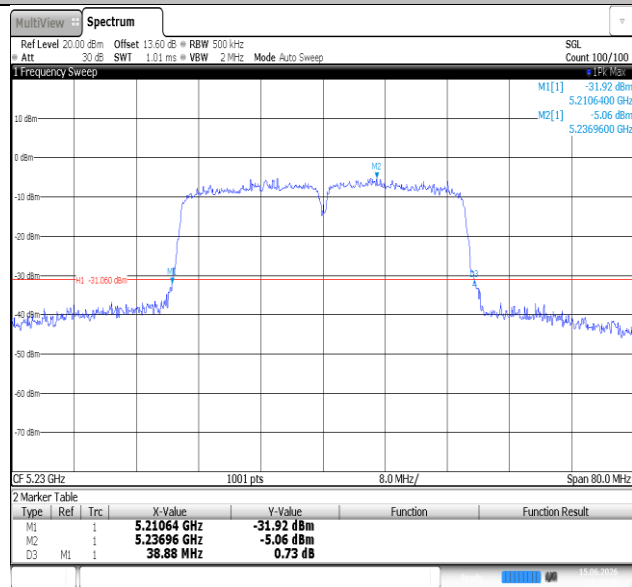


11N20SISO-Ant1-5240



Date: 15 JUN 2026 15:15:46

11N40SISO-Ant1-5190



Date: 15 JUN 2026 15:19:28

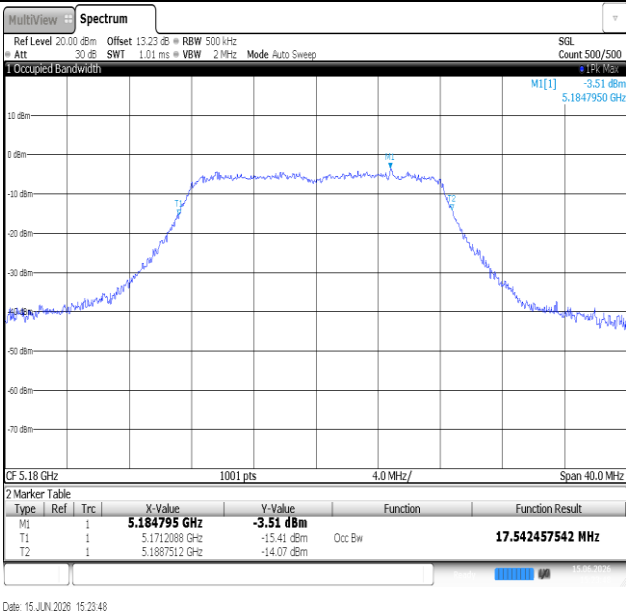
11N40SISO-Ant1-5230

Appendix D: 99% Occupy bandwidth

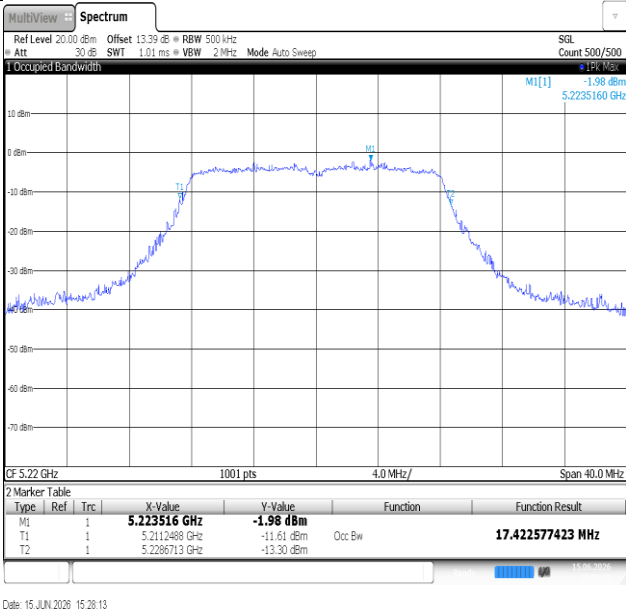
Test Result

TestMode	Frequency[MHz]	OCB [MHz]	Limit[MHz]	Verdict
11A	5180	17.542	---	---
11A	5220	17.423	---	---
11A	5240	17.463	---	---
11N20SISO	5180	18.302	---	---
11N20SISO	5220	18.422	---	---
11N20SISO	5240	18.462	---	---
11N40SISO	5190	35.884	---	---
11N40SISO	5230	35.964	---	---

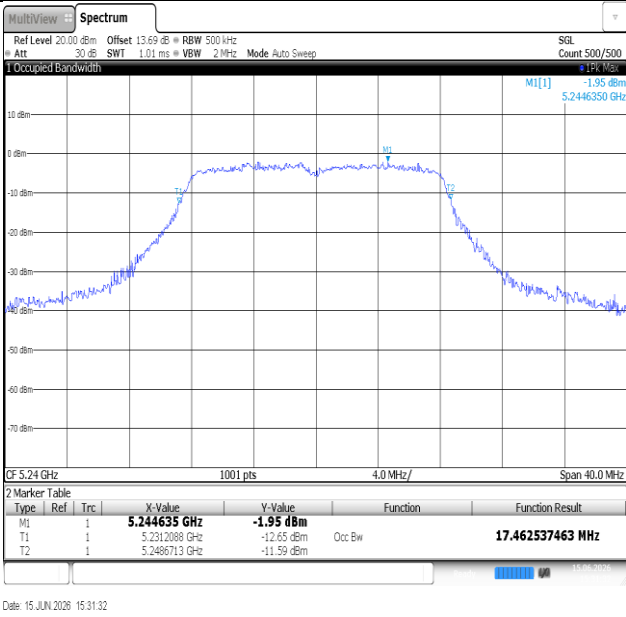
Test Graphs



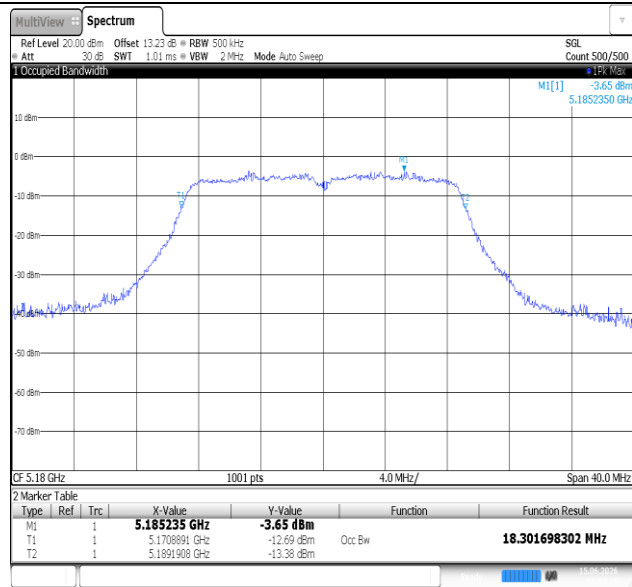
11A-Ant1-5180



11A-Ant1-5220

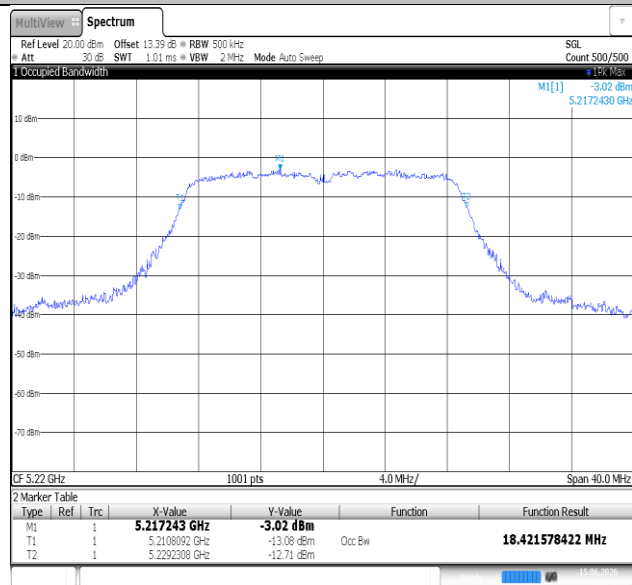


11A-Ant1-5240



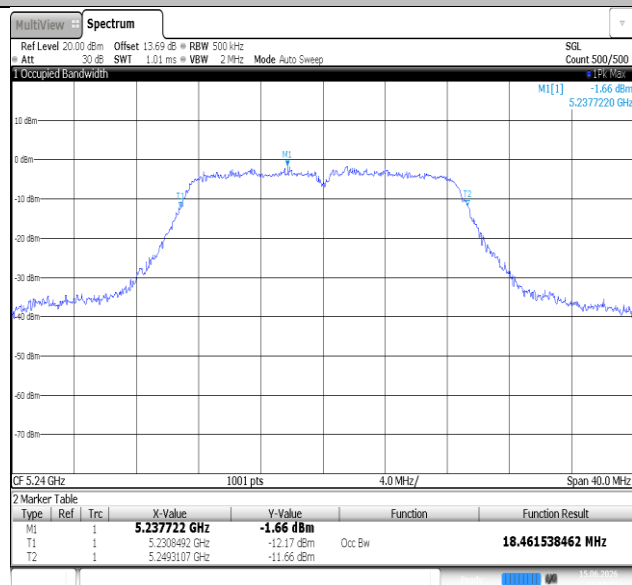
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11N20SISO-Ant1-5180



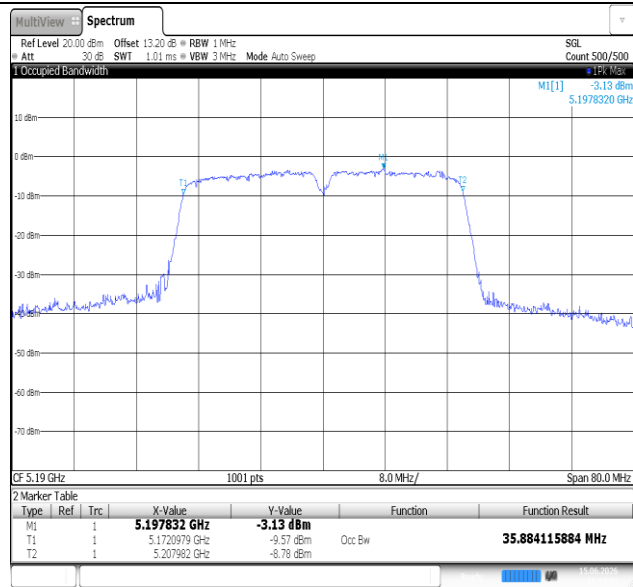
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11N20SISO-Ant1-5220

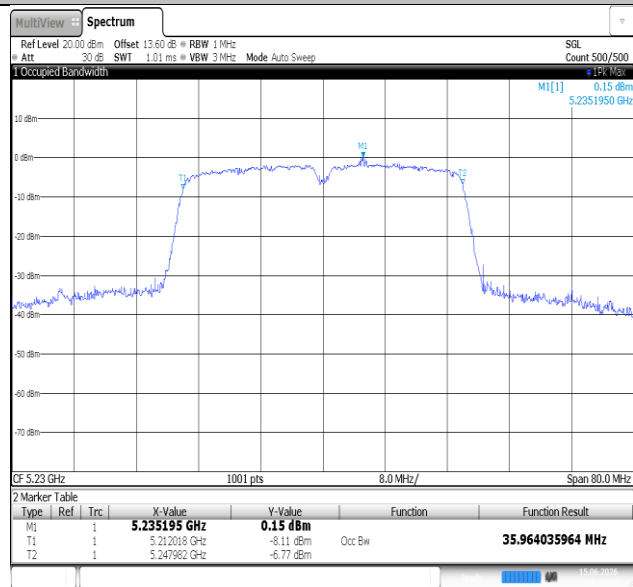


Date: 15 JUN 2020 15:12:17

11N20SISO-Ant1-5240



11N40SISO-Ant1-5190



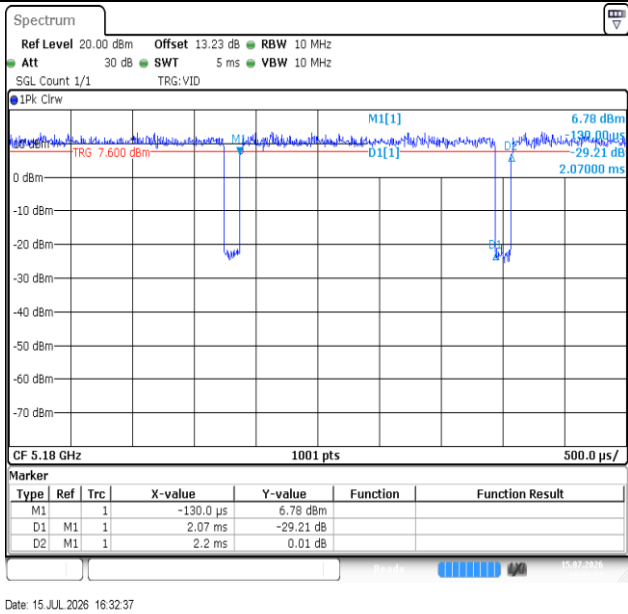
11N40SISO-Ant1-5230

Appendix E: Duty Cycle

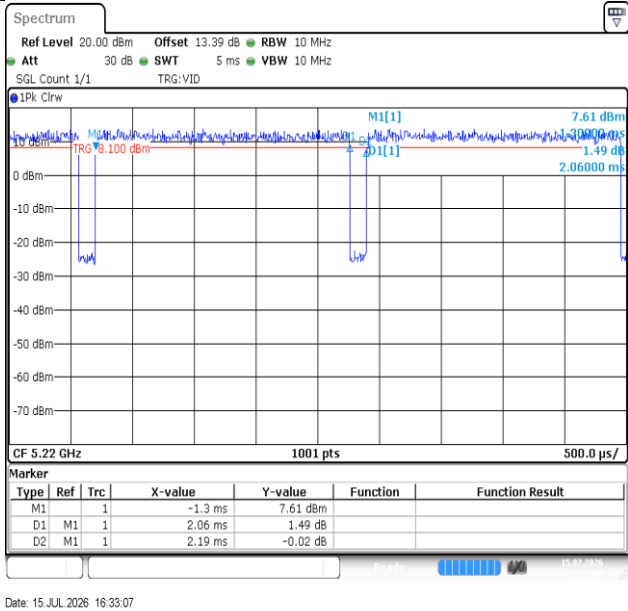
Test Result

TestMode	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	5180	2.07	2.20	94.09	0.26	0.48
11A	5220	2.06	2.19	94.06	0.27	0.49
11A	5240	2.07	2.20	94.09	0.26	0.48
11N20SISO	5180	1.92	2.05	93.66	0.28	0.52
11N20SISO	5220	1.92	2.05	93.66	0.28	0.52
11N20SISO	5240	1.92	2.05	93.66	0.28	0.52
11N40SISO	5190	0.94	1.07	87.85	0.56	1.06
11N40SISO	5230	0.94	1.07	87.85	0.56	1.06

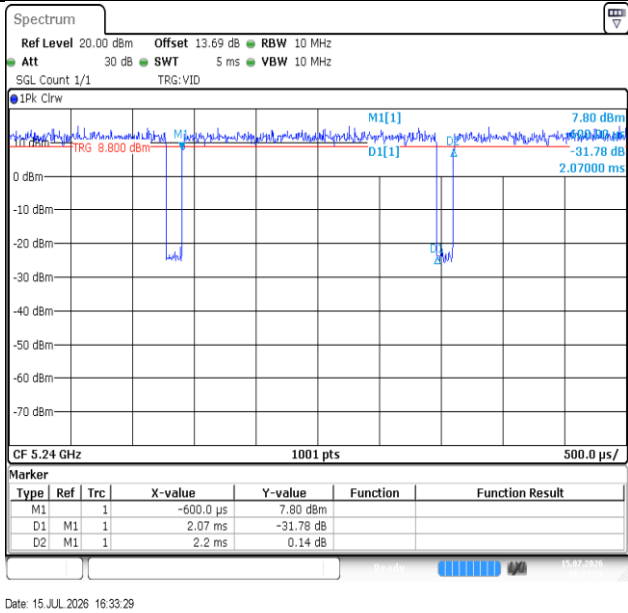
Test Graphs



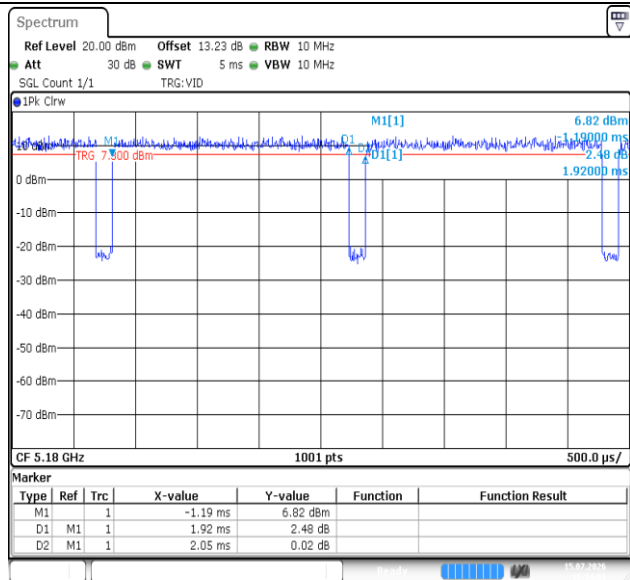
NTNV-11A-Ant1-5180



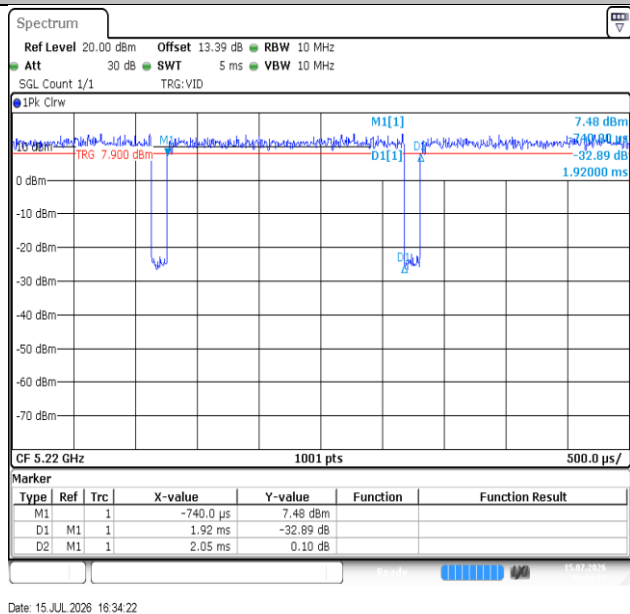
NTNV-11A-Ant1-5220



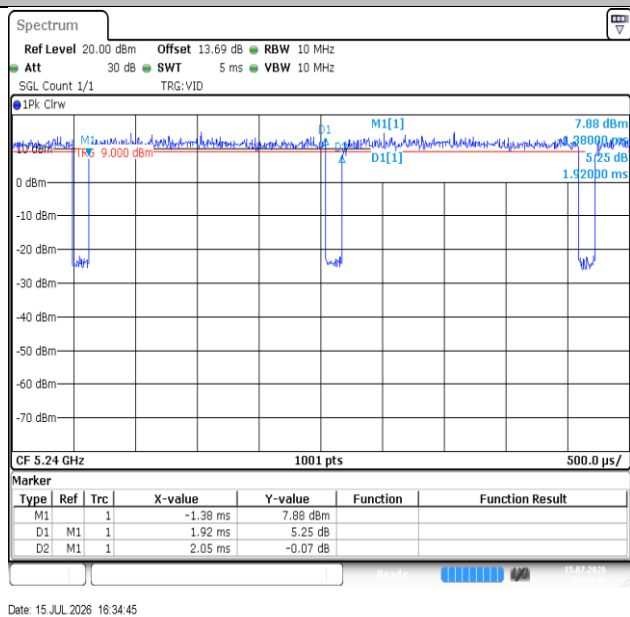
NTNV-11A-Ant1-5240



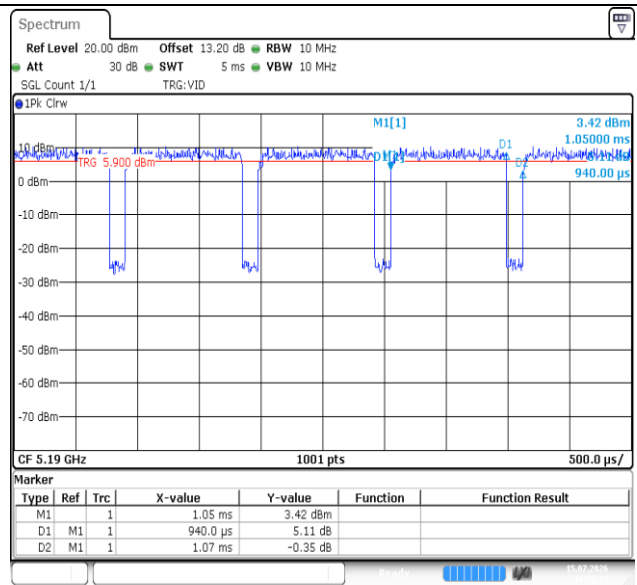
NTNV-11N20SISO-Ant1-5180



NTNV-11N20SISO-Ant1-5220

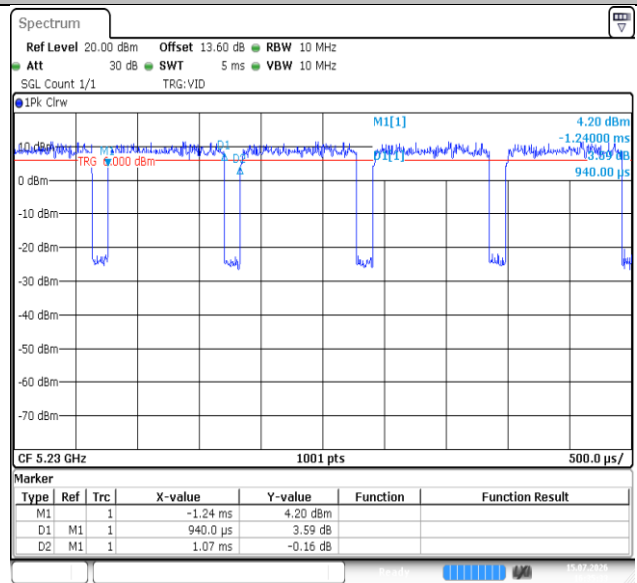


NTNV-11N20SISO-Ant1-5240



Date: 15 JUL 2026 16:35:13

NTNV-11N40SISO-Ant1-5190



Date: 15 JUL 2026 16:35:33

NTNV-11N40SISO-Ant1-5230

Appendix F: Frequency Stability

Test Result

TestMode	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	5180	NV	NT	20000.00	3.861004	20	PASS
11A	5180	LV	NT	20000.00	3.861004	20	PASS
11A	5180	HV	NT	20000.00	3.861004	20	PASS
11A	5220	NV	NT	20000.00	3.831418	20	PASS
11A	5220	LV	NT	40000.00	7.662835	20	PASS
11A	5220	HV	NT	20000.00	3.831418	20	PASS
11A	5240	LV	NT	20000.00	3.816794	20	PASS
11A	5240	HV	NT	20000.00	3.816794	20	PASS
11A	5240	NV	NT	20000.00	3.816794	20	PASS
11N20SISO	5180	NV	NT	40000.00	7.722008	20	PASS
11N20SISO	5180	LV	NT	40000.00	7.722008	20	PASS
11N20SISO	5180	HV	NT	40000.00	7.722008	20	PASS
11N20SISO	5220	NV	NT	40000.00	7.662835	20	PASS
11N20SISO	5220	LV	NT	60000.00	11.494253	20	PASS
11N20SISO	5220	HV	NT	60000.00	11.494253	20	PASS
11N20SISO	5240	NV	NT	20000.00	3.816794	20	PASS
11N20SISO	5240	LV	NT	40000.00	7.633588	20	PASS
11N20SISO	5240	HV	NT	40000.00	7.633588	20	PASS
11N40SISO	5190	NV	NT	80000.00	15.414258	20	PASS
11N40SISO	5190	LV	NT	80000.00	15.414258	20	PASS
11N40SISO	5190	HV	NT	80000.00	15.414258	20	PASS
11N40SISO	5230	NV	NT	0.00	0.000000	20	PASS
11N40SISO	5230	LV	NT	0.00	0.000000	20	PASS
11N40SISO	5230	HV	NT	0.00	0.000000	20	PASS

TestMode	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	5180	NV	0	20000.00	3.861004	20	PASS
11A	5180	NV	10	20000.00	3.861004	20	PASS
11A	5180	NV	20	20000.00	3.861004	20	PASS
11A	5180	NV	30	20000.00	3.861004	20	PASS
11A	5180	NV	40	20000.00	3.861004	20	PASS
11A	5180	NV	50	20000.00	3.861004	20	PASS
11A	5180	NV	-30	20000.00	3.861004	20	PASS
11A	5180	NV	-20	20000.00	3.861004	20	PASS
11A	5180	NV	-10	20000.00	3.861004	20	PASS
11A	5220	NV	-30	40000.00	7.662835	20	PASS
11A	5220	NV	-20	20000.00	3.831418	20	PASS
11A	5220	NV	-10	20000.00	3.831418	20	PASS
11A	5220	NV	0	20000.00	3.831418	20	PASS
11A	5220	NV	10	40000.00	7.662835	20	PASS
11A	5220	NV	20	40000.00	7.662835	20	PASS

11A	5220	NV	30	20000.00	3.831418	20	PASS
11A	5220	NV	40	20000.00	3.831418	20	PASS
11A	5220	NV	50	20000.00	3.831418	20	PASS
11A	5240	NV	-30	20000.00	3.816794	20	PASS
11A	5240	NV	-20	20000.00	3.816794	20	PASS
11A	5240	NV	-10	20000.00	3.816794	20	PASS
11A	5240	NV	0	20000.00	3.816794	20	PASS
11A	5240	NV	10	20000.00	3.816794	20	PASS
11A	5240	NV	20	20000.00	3.816794	20	PASS
11A	5240	NV	30	20000.00	3.816794	20	PASS
11A	5240	NV	40	20000.00	3.816794	20	PASS
11A	5240	NV	50	20000.00	3.816794	20	PASS
11N20SISO	5180	NV	-30	40000.00	7.722008	20	PASS
11N20SISO	5180	NV	-20	40000.00	7.722008	20	PASS
11N20SISO	5180	NV	-10	40000.00	7.722008	20	PASS
11N20SISO	5180	NV	0	20000.00	3.861004	20	PASS
11N20SISO	5180	NV	10	20000.00	3.861004	20	PASS
11N20SISO	5180	NV	20	40000.00	7.722008	20	PASS
11N20SISO	5180	NV	30	40000.00	7.722008	20	PASS
11N20SISO	5180	NV	40	40000.00	7.722008	20	PASS
11N20SISO	5180	NV	50	20000.00	3.861004	20	PASS
11N20SISO	5220	NV	-30	20000.00	3.831418	20	PASS
11N20SISO	5220	NV	-20	40000.00	7.662835	20	PASS
11N20SISO	5220	NV	-10	60000.00	11.494253	20	PASS
11N20SISO	5220	NV	0	60000.00	11.494253	20	PASS
11N20SISO	5220	NV	10	40000.00	7.662835	20	PASS
11N20SISO	5220	NV	20	60000.00	11.494253	20	PASS
11N20SISO	5220	NV	30	60000.00	11.494253	20	PASS
11N20SISO	5220	NV	40	60000.00	11.494253	20	PASS
11N20SISO	5220	NV	50	40000.00	7.662835	20	PASS
11N20SISO	5240	NV	-30	20000.00	3.816794	20	PASS
11N20SISO	5240	NV	-20	20000.00	3.816794	20	PASS
11N20SISO	5240	NV	-10	40000.00	7.633588	20	PASS
11N20SISO	5240	NV	0	20000.00	3.816794	20	PASS
11N20SISO	5240	NV	10	20000.00	3.816794	20	PASS
11N20SISO	5240	NV	20	40000.00	7.633588	20	PASS
11N20SISO	5240	NV	30	20000.00	3.816794	20	PASS
11N20SISO	5240	NV	40	20000.00	3.816794	20	PASS
11N20SISO	5240	NV	50	20000.00	3.816794	20	PASS
11N40SISO	5190	NV	-30	80000.00	15.414258	20	PASS
11N40SISO	5190	NV	-20	80000.00	15.414258	20	PASS
11N40SISO	5190	NV	-10	80000.00	15.414258	20	PASS
11N40SISO	5190	NV	0	80000.00	15.414258	20	PASS
11N40SISO	5190	NV	10	80000.00	15.414258	20	PASS
11N40SISO	5190	NV	20	80000.00	15.414258	20	PASS
11N40SISO	5190	NV	30	80000.00	15.414258	20	PASS
11N40SISO	5190	NV	50	80000.00	15.414258	20	PASS
11N40SISO	5190	NV	40	80000.00	15.414258	20	PASS
11N40SISO	5230	NV	-30	0.00	0.000000	20	PASS

11N40SISO	5230	NV	-20	0.00	0.000000	20	PASS
11N40SISO	5230	NV	-10	0.00	0.000000	20	PASS
11N40SISO	5230	NV	0	0.00	0.000000	20	PASS
11N40SISO	5230	NV	10	0.00	0.000000	20	PASS
11N40SISO	5230	NV	20	0.00	0.000000	20	PASS
11N40SISO	5230	NV	30	0.00	0.000000	20	PASS
11N40SISO	5230	NV	40	0.00	0.000000	20	PASS
11N40SISO	5230	NV	50	0.00	0.000000	20	PASS

-----End of Report-----