



Page 35 of 49

[illegible]



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Freq (MHz)	PSD Reading [dBm]	DC Factor [dB]	PSD Result [dBm]	PSD Limit [dBm]	Gain [dBi]	EIRP.PSD [dBm]	EIRP.PSD Limit[dBm]	Verdict
11A	Ant1	5180	4.44	0.15	4.59	≤11.00	3.82	8.41	---	PASS
11A	Ant1	5200	3.6	0.18	3.78	≤11.00	3.82	7.60	---	PASS
11A	Ant1	5240	4.76	0.18	4.94	≤11.00	3.82	8.76	---	PASS
11A	Ant1	5260	5.18	0.15	5.33	≤11.00	3.82	9.15	---	PASS
11A	Ant1	5280	5.42	0.18	5.60	≤11.00	3.82	9.42	---	PASS
11A	Ant1	5320	4.68	0.15	4.83	≤11.00	3.82	8.65	---	PASS
11A	Ant1	5500	3.47	0.18	3.65	≤11.00	3.82	7.47	---	PASS
11A	Ant1	5580	2.93	0.15	3.08	≤11.00	3.82	6.90	---	PASS
11A	Ant1	5700	2.23	0.18	2.41	≤11.00	3.82	6.23	---	PASS
11A	Ant1	5745	-1.69	0.18	-1.51	≤30.00	3.82	2.31	---	PASS
11A	Ant1	5785	-2.42	0.18	-2.24	≤30.00	3.82	1.58	---	PASS
11A	Ant1	5825	-3.34	0.18	-3.16	≤30.00	3.82	0.66	---	PASS
11N20SISO	Ant1	5180	4.1	0.20	4.30	≤11.00	3.82	8.12	---	PASS
11N20SISO	Ant1	5200	3.83	0.20	4.03	≤11.00	3.82	7.85	---	PASS
11N20SISO	Ant1	5240	5.13	0.16	5.29	≤11.00	3.82	9.11	---	PASS
11N20SISO	Ant1	5260	5.37	0.16	5.53	≤11.00	3.82	9.35	---	PASS
11N20SISO	Ant1	5280	5.52	0.16	5.68	≤11.00	3.82	9.50	---	PASS
11N20SISO	Ant1	5320	4.75	0.20	4.95	≤11.00	3.82	8.77	---	PASS
11AC20SISO	Ant1	5180	4.28	0.19	4.47	≤11.00	3.82	8.29	---	PASS
11AC20SISO	Ant1	5200	3.69	0.16	3.85	≤11.00	3.82	7.67	---	PASS
11AC20SISO	Ant1	5240	5.51	0.19	5.70	≤11.00	3.82	9.52	---	PASS
11AC20SISO	Ant1	5260	5.37	0.19	5.56	≤11.00	3.82	9.38	---	PASS
11AC20SISO	Ant1	5280	5.4	0.16	5.56	≤11.00	3.82	9.38	---	PASS
11AC20SISO	Ant1	5320	4.77	0.16	4.93	≤11.00	3.82	8.75	---	PASS
11AC20SISO	Ant1	5500	3.6	0.19	3.79	≤11.00	3.82	7.61	---	PASS
11AC20SISO	Ant1	5580	3.14	0.19	3.33	≤11.00	3.82	7.15	---	PASS
11AC20SISO	Ant1	5700	2.03	0.19	2.22	≤11.00	3.82	6.04	---	PASS
11AC20SISO	Ant1	5745	-1.6	0.19	-1.41	≤30.00	3.82	2.41	---	PASS
11AC20SISO	Ant1	5785	-2.39	0.16	-2.23	≤30.00	3.82	1.59	---	PASS
11AC20SISO	Ant1	5825	-3.75	0.19	-3.56	≤30.00	3.82	0.26	---	PASS
11AC40SISO	Ant1	5190	0.29	0.38	0.67	≤11.00	3.82	4.49	---	PASS
11AC40SISO	Ant1	5230	0.5	0.32	0.82	≤11.00	3.82	4.64	---	PASS
11AC40SISO	Ant1	5270	1.93	0.32	2.25	≤11.00	3.82	6.07	---	PASS
11AC40SISO	Ant1	5310	1.63	0.32	1.95	≤11.00	3.82	5.77	---	PASS
11AC40SISO	Ant1	5510	0.17	0.38	0.55	≤11.00	3.82	4.37	---	PASS
11AC40SISO	Ant1	5550	-0.2	0.38	0.18	≤11.00	3.82	4.00	---	PASS



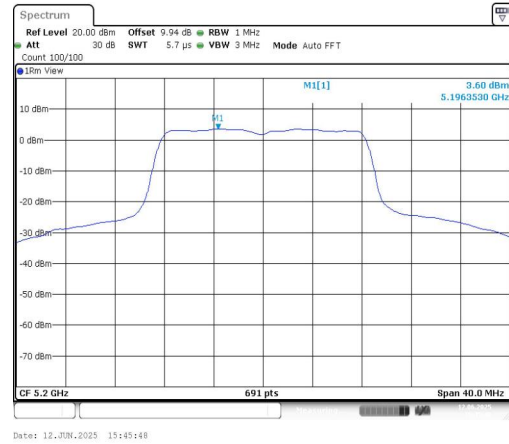
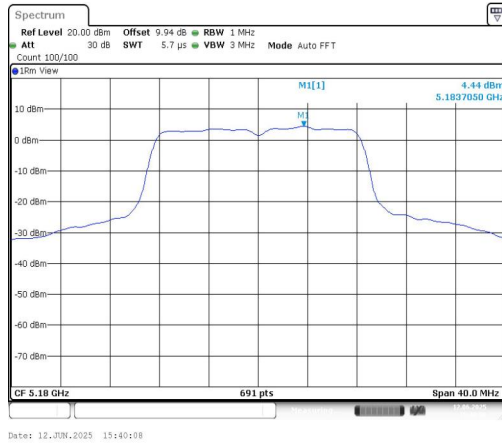
11AC40SISO	Ant1	5670	-2.71	0.32	-2.39	≤11.00	3.82	1.43	---	PASS
11AC40SISO	Ant1	5755	-7.24	0.38	-6.86	≤30.00	3.82	-3.04	---	PASS
11AC40SISO	Ant1	5795	-8.16	0.32	-7.84	≤30.00	3.82	-4.02	---	PASS
11AC80SISO	Ant1	5210	-2.45	0.61	-1.84	≤11.00	3.82	1.98	---	PASS
11AC80SISO	Ant1	5290	-2.43	0.61	-1.82	≤11.00	3.82	2.00	---	PASS
11AC80SISO	Ant1	5530	-3.78	0.61	-3.17	≤11.00	3.82	0.65	---	PASS
11AC80SISO	Ant1	5610	-5.19	0.61	-4.58	≤11.00	3.82	-0.76	---	PASS
11AC80SISO	Ant1	5775	-8.31	0.61	-7.70	≤30.00	3.82	-3.88	---	PASS

Note:

1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. PSD Result [dBm] = PSD Reading [dBm] + DC Factor[dB].



Test Graphs



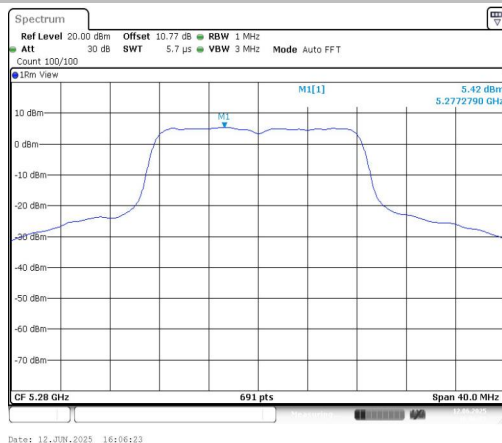
11A-Ant1-5180-PASS

11A-Ant1-5200-PASS



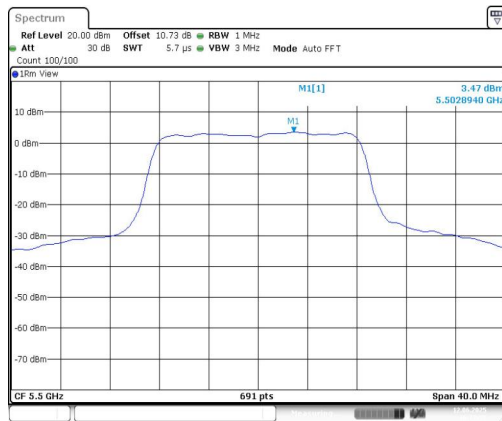
11A-Ant1-5240-PASS

11A-Ant1-5260-PASS

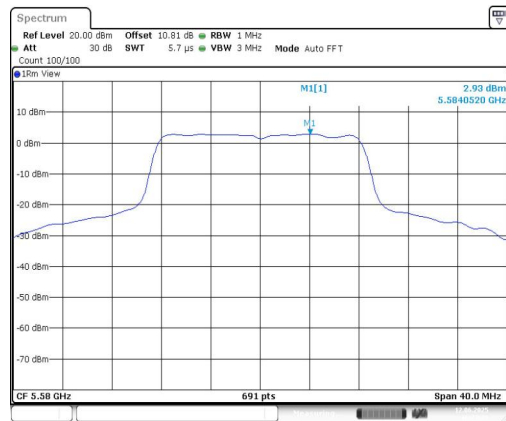


11A-Ant1-5280-PASS

11A-Ant1-5320-PASS



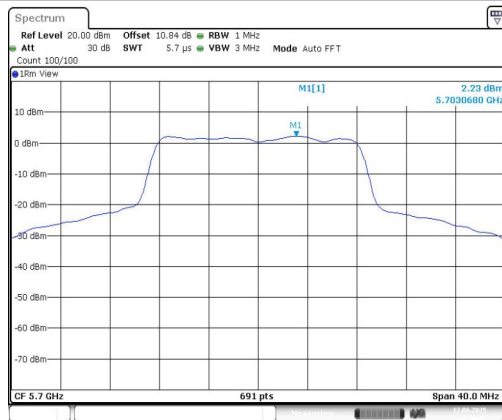
Date: 12.JUN.2025 16:17:55



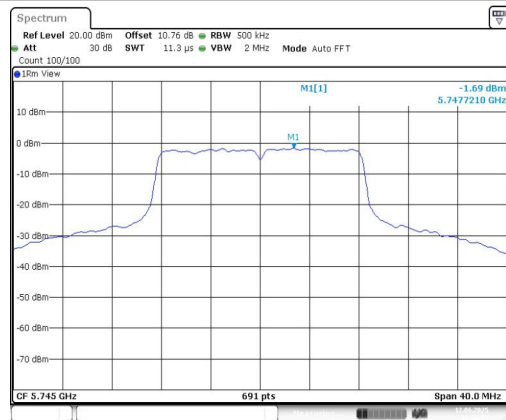
Date: 12.JUN.2025 16:23:33

11A-Ant1-5500-PASS

11A-Ant1-5580-PASS



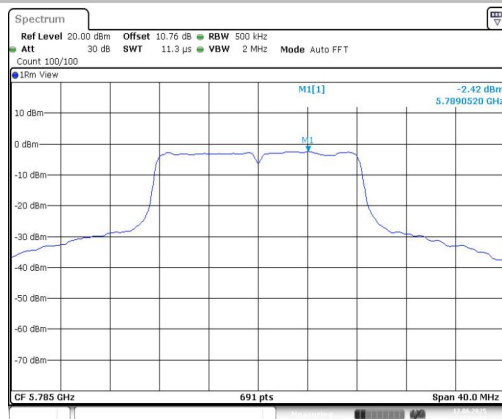
Date: 12.JUN.2025 16:56:45



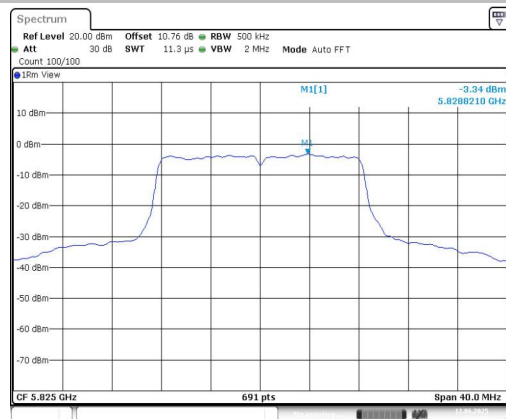
Date: 12.JUN.2025 16:58:15

11A-Ant1-5700-PASS

11A-Ant1-5745-PASS



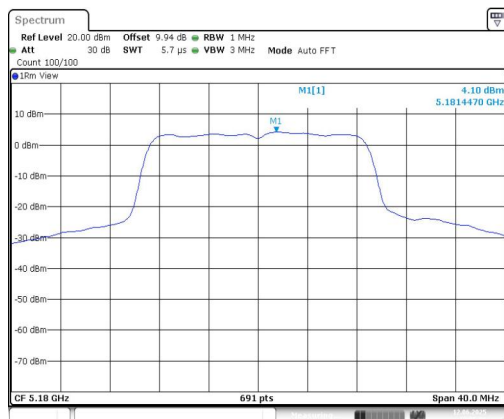
Date: 12.JUN.2025 17:00:07



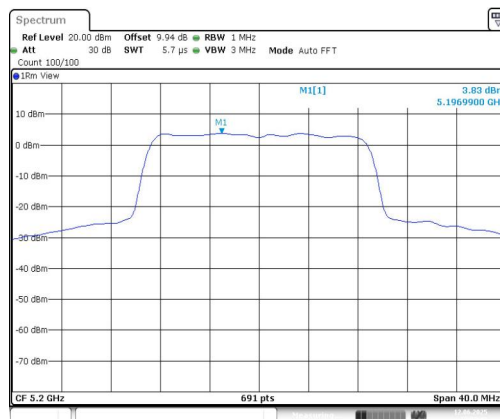
Date: 12.JUN.2025 17:01:35

11A-Ant1-5785-PASS

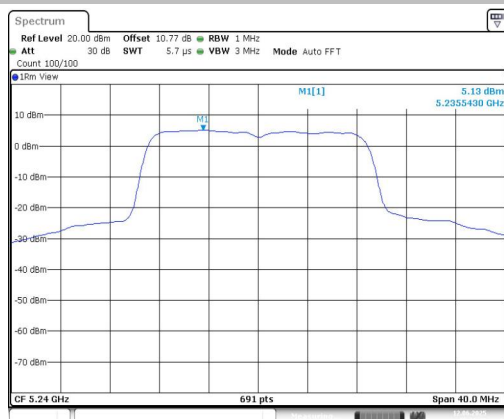
11A-Ant1-5825-PASS



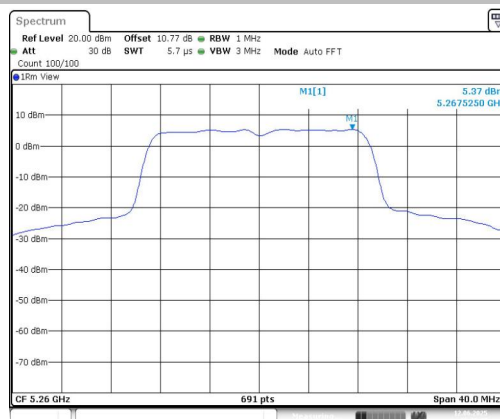
11N20SISO-Ant1-5180-PASS



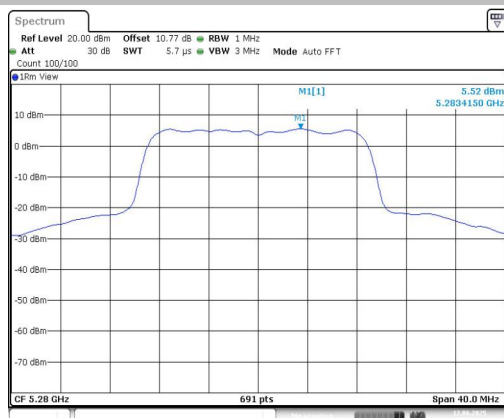
11N20SISO-Ant1-5200-PASS



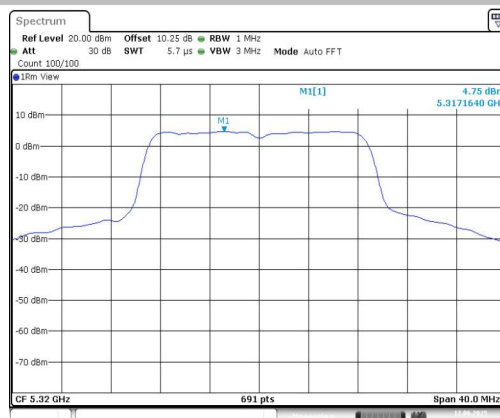
11N20SISO-Ant1-5240-PASS



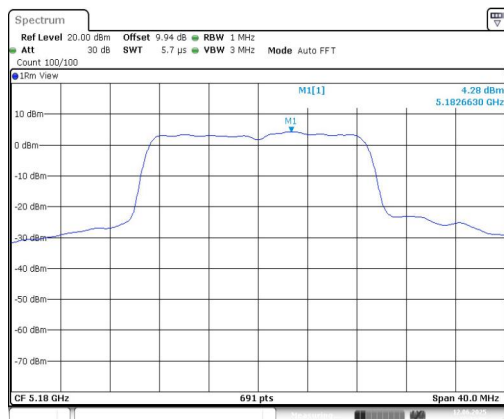
11N20SISO-Ant1-5260-PASS



11N20SISO-Ant1-5280-PASS



11N20SISO-Ant1-5320-PASS



Date: 12.JUN.2025 17:22:05



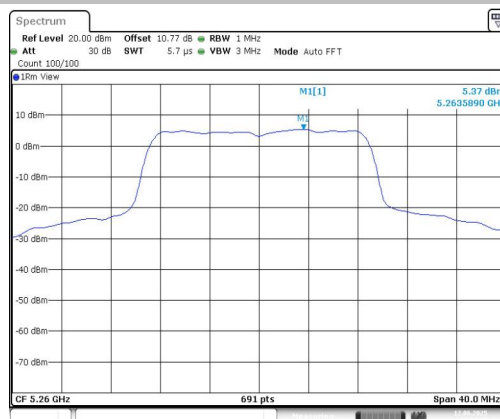
Date: 12.JUN.2025 17:22:44

11AC20SISO-Ant1-5180-PASS

11AC20SISO-Ant1-5200-PASS



Date: 12.JUN.2025 17:27:09



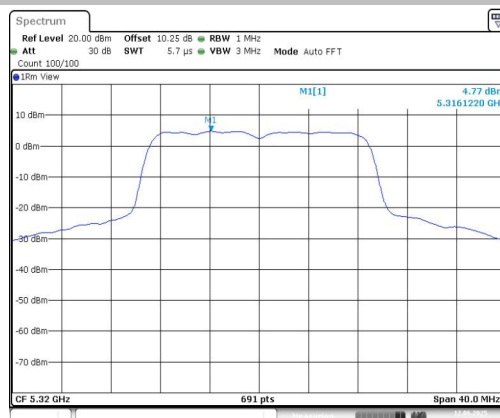
Date: 12.JUN.2025 17:32:45

11AC20SISO-Ant1-5240-PASS

11AC20SISO-Ant1-5260-PASS



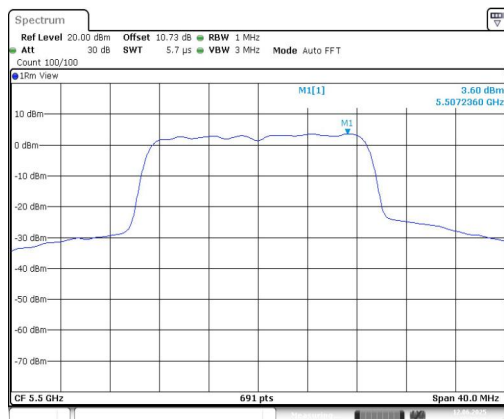
Date: 12.JUN.2025 17:34:49



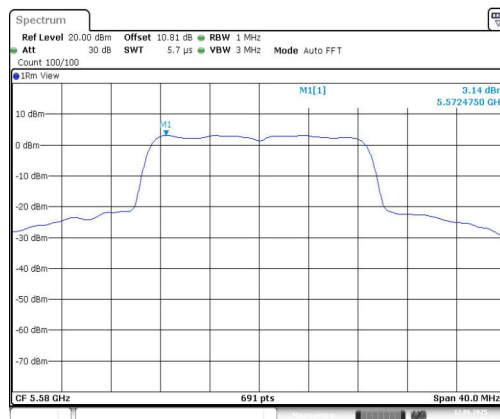
Date: 12.JUN.2025 17:37:19

11AC20SISO-Ant1-5280-PASS

11AC20SISO-Ant1-5320-PASS



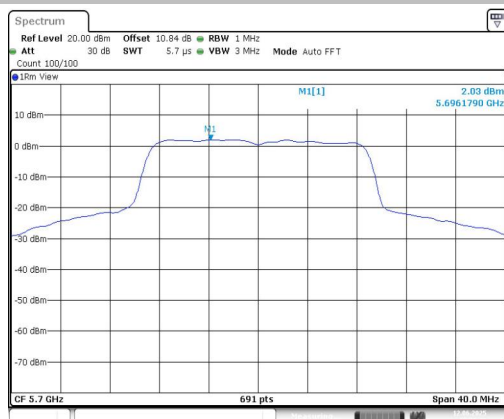
Date: 12.JUN.2025 17:39:32



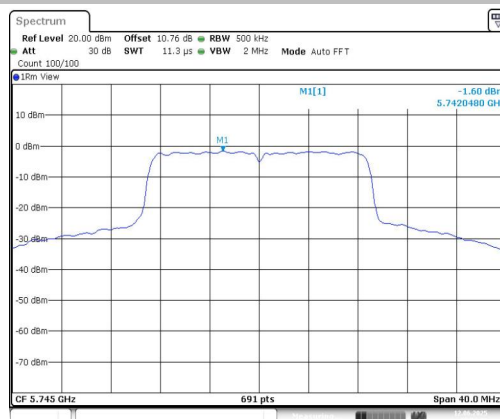
Date: 12.JUN.2025 17:41:39

11AC20SISO-Ant1-5500-PASS

11AC20SISO-Ant1-5580-PASS



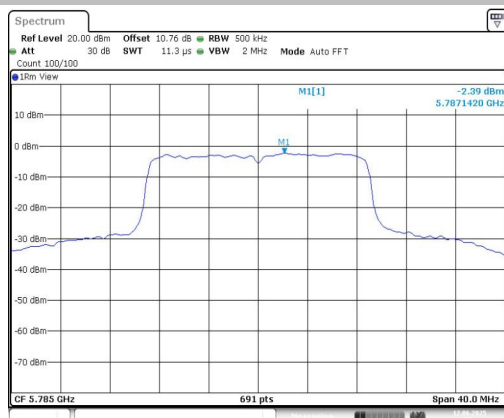
Date: 12.JUN.2025 17:52:20



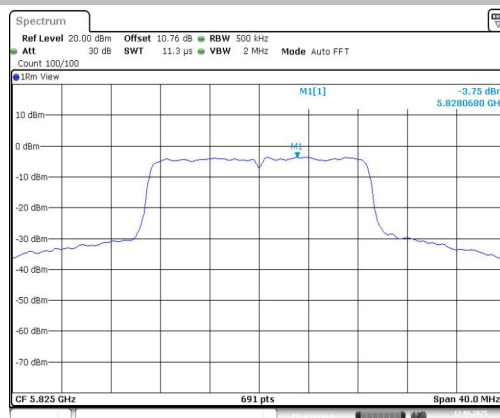
Date: 12.JUN.2025 17:54:38

11AC20SISO-Ant1-5700-PASS

11AC20SISO-Ant1-5745-PASS



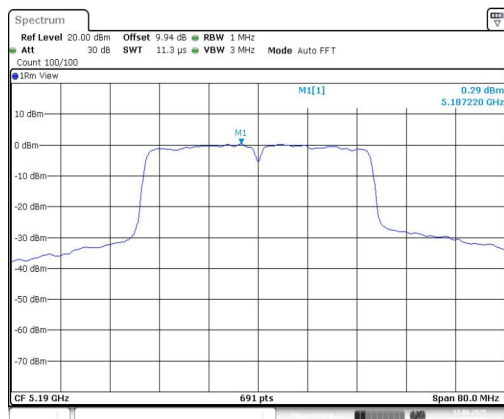
Date: 12.JUN.2025 17:56:53



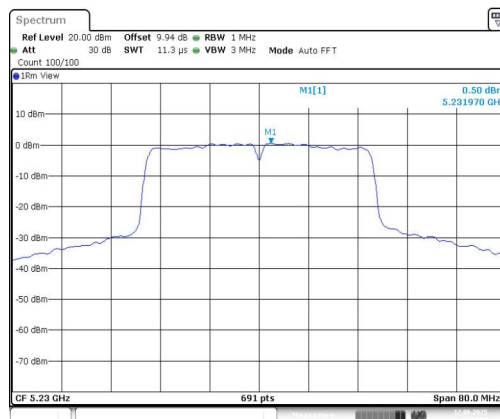
Date: 12.JUN.2025 17:59:13

11AC20SISO-Ant1-5785-PASS

11AC20SISO-Ant1-5825-PASS



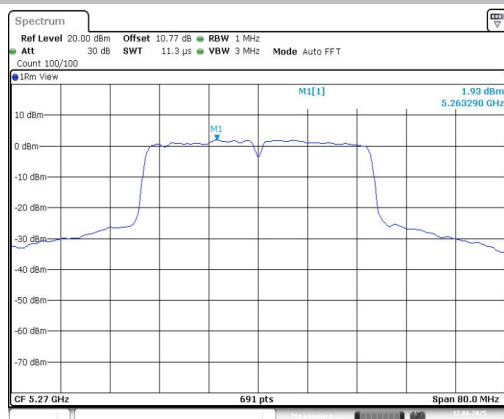
Date: 12.JUN.2025 18:02:20



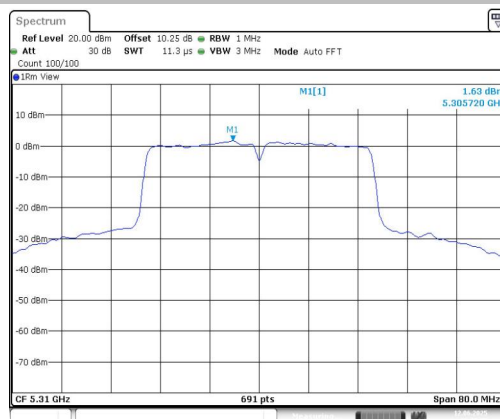
Date: 12.JUN.2025 18:09:04

11AC40SISO-Ant1-5190-PASS

11AC40SISO-Ant1-5230-PASS



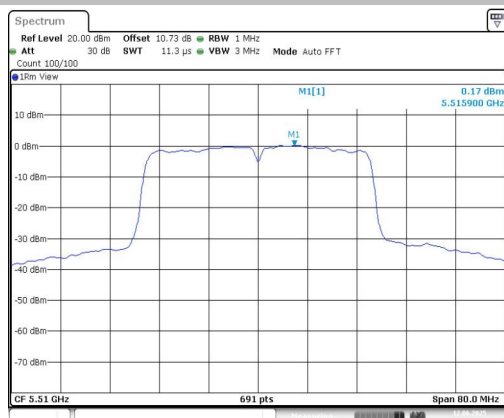
Date: 12.JUN.2025 18:11:20



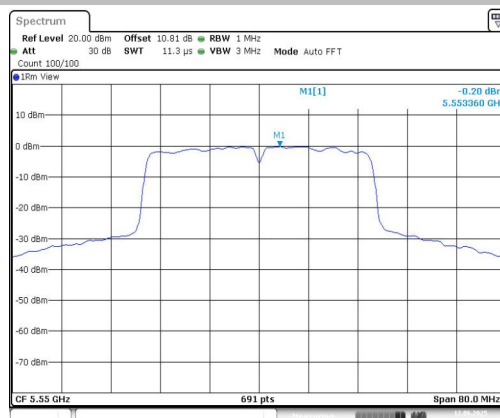
Date: 12.JUN.2025 18:13:55

11AC40SISO-Ant1-5270-PASS

11AC40SISO-Ant1-5310-PASS



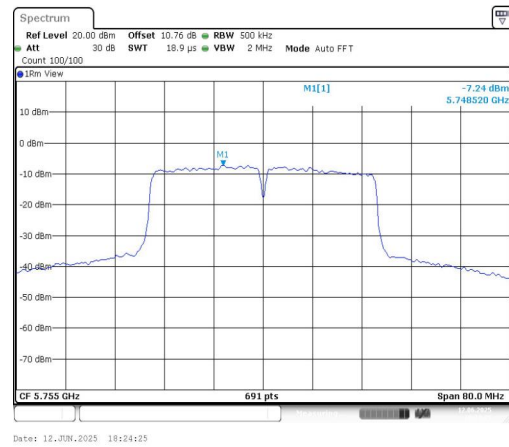
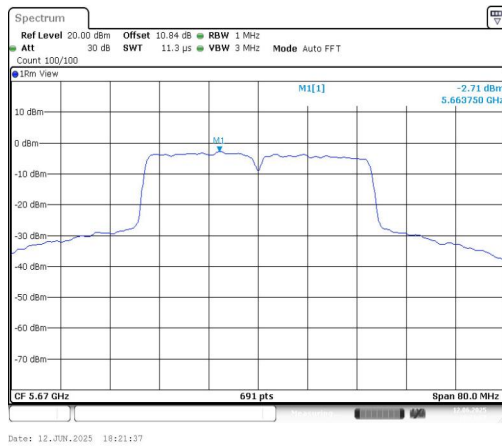
Date: 12.JUN.2025 18:15:57



Date: 12.JUN.2025 18:19:13

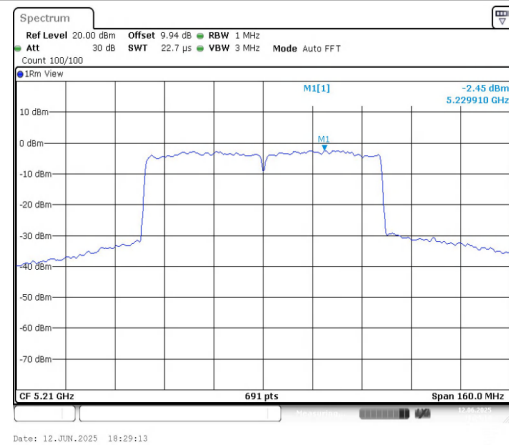
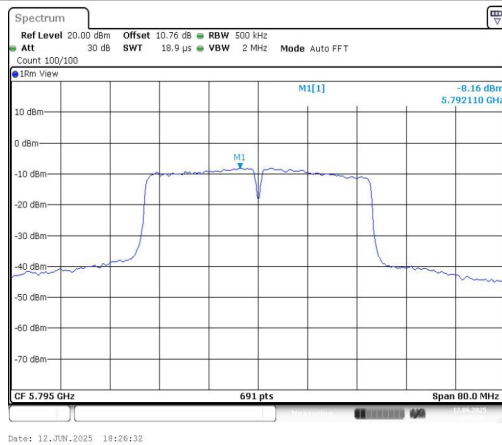
11AC40SISO-Ant1-5510-PASS

11AC40SISO-Ant1-5550-PASS



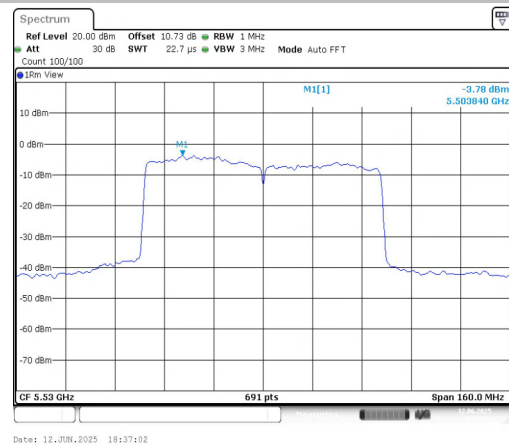
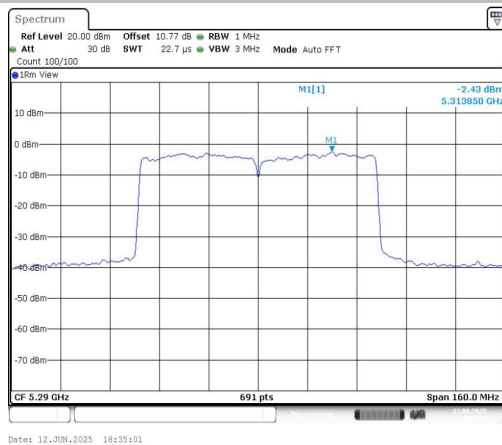
11AC40SISO-Ant1-5670-PASS

11AC40SISO-Ant1-5755-PASS



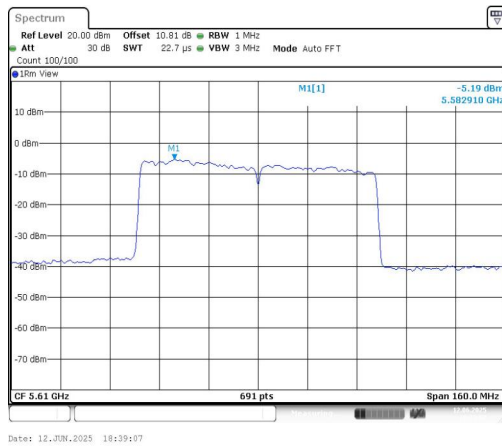
11AC40SISO-Ant1-5795-PASS

11AC80SISO-Ant1-5210-PASS

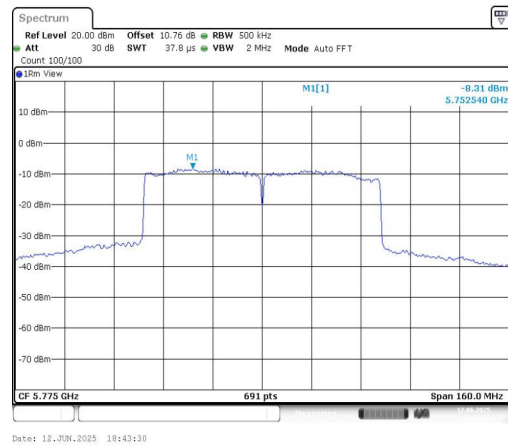


11AC80SISO-Ant1-5290-PASS

11AC80SISO-Ant1-5530-PASS



11AC80SISO-Ant1-5610-PASS



11AC80SISO-Ant1-5775-PASS



Appendix E: Frequency Stability

Test Result

Voltage								
Test Mode	Antenna	Freq(MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	NT	20000.00	3.846154	20	PASS
11A	Ant1	5200	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5200	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	HV	NT	20000.00	3.816794	20	PASS
11A	Ant1	5260	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5280	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5280	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5320	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5320	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5500	LV	NT	20000.00	3.636364	20	PASS
11A	Ant1	5500	HV	NT	20000.00	3.636364	20	PASS
11A	Ant1	5580	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5580	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5580	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5700	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5700	HV	NT	20000.00	3.508772	20	PASS
11A	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5785	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5785	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	NT	20000.00	3.433476	20	PASS
11A	Ant1	5825	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5825	HV	NT	0.00	0.000000	20	PASS



Test Mode	Antenna	Freq(MHz)	Voltage [Vdc]	Temperature		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
				Temperature (°C)					
11A	Ant1	5180	NV	-30		20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	-20		0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-10		20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	0		0.00	0.000000	20	PASS
11A	Ant1	5180	NV	10		0.00	0.000000	20	PASS
11A	Ant1	5180	NV	20		0.00	0.000000	20	PASS
11A	Ant1	5180	NV	30		0.00	0.000000	20	PASS
11A	Ant1	5180	NV	40		0.00	0.000000	20	PASS
11A	Ant1	5180	NV	50		20000.00	3.861004	20	PASS
11A	Ant1	5200	NV	-30		20000.00	3.846154	20	PASS
11A	Ant1	5200	NV	-20		0.00	0.000000	20	PASS
11A	Ant1	5200	NV	-10		20000.00	3.846154	20	PASS
11A	Ant1	5200	NV	0		0.00	0.000000	20	PASS
11A	Ant1	5200	NV	10		0.00	0.000000	20	PASS
11A	Ant1	5200	NV	20		20000.00	3.846154	20	PASS
11A	Ant1	5200	NV	30		20000.00	3.846154	20	PASS
11A	Ant1	5200	NV	40		0.00	0.000000	20	PASS
11A	Ant1	5200	NV	50		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	-30		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	-20		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	-10		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	0		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	10		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	20		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	30		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	40		0.00	0.000000	20	PASS
11A	Ant1	5240	NV	50		0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-30		20000.00	3.802281	20	PASS
11A	Ant1	5260	NV	-20		0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-10		0.00	0.000000	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		0.00	0.000000	20	PASS
11A	Ant1	5260	NV	30		0.00	0.000000	20	PASS
11A	Ant1	5260	NV	40		0.00	0.000000	20	PASS
11A	Ant1	5260	NV	50		0.00	0.000000	20	PASS
11A	Ant1	5280	NV	-30		0.00	0.000000	20	PASS
11A	Ant1	5280	NV	-20		0.00	0.000000	20	PASS
11A	Ant1	5280	NV	-10		0.00	0.000000	20	PASS
11A	Ant1	5280	NV	0		0.00	0.000000	20	PASS



11A	Ant1	5280	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5280	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	-20	20000.00	3.636364	20	PASS
11A	Ant1	5500	NV	-10	20000.00	3.636364	20	PASS
11A	Ant1	5500	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	20	20000.00	3.636364	20	PASS
11A	Ant1	5500	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	40	20000.00	3.636364	20	PASS
11A	Ant1	5500	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	-30	0.00	0.000000	20	PASS



11A	Ant1	5745	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	20	20000.00	3.481288	20	PASS
11A	Ant1	5745	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	40	20000.00	3.481288	20	PASS
11A	Ant1	5745	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	-10	20000.00	3.457217	20	PASS
11A	Ant1	5785	NV	0	20000.00	3.457217	20	PASS
11A	Ant1	5785	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	20	20000.00	3.457217	20	PASS
11A	Ant1	5785	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	40	20000.00	3.457217	20	PASS
11A	Ant1	5785	NV	50	20000.00	3.457217	20	PASS
11A	Ant1	5825	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	-10	20000.00	3.433476	20	PASS
11A	Ant1	5825	NV	0	20000.00	3.433476	20	PASS
11A	Ant1	5825	NV	10	20000.00	3.433476	20	PASS
11A	Ant1	5825	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	50	20000.00	3.433476	20	PASS

-----END-----