

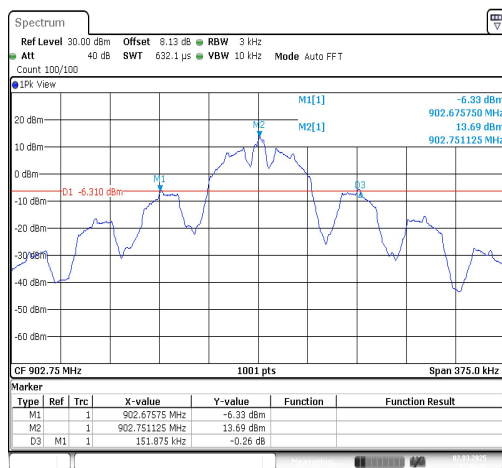


Appendix A: 20dB Emission Bandwidth

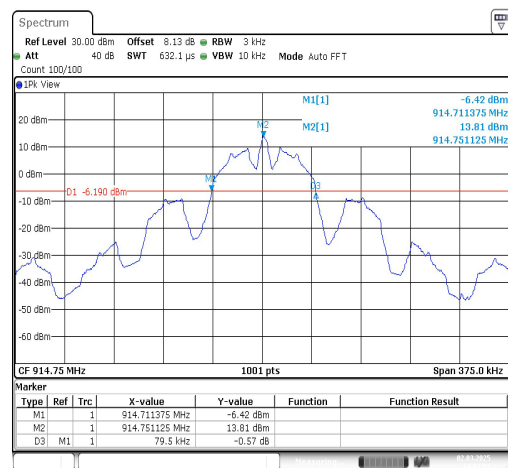
Test Result

Test Mode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[KHz]	Verdict
RFID	Ant1	902.75	0.15	902.68	902.83	≤500	PASS
RFID	Ant1	914.75	0.08	914.71	914.79	≤500	PASS
RFID	Ant1	927.25	0.08	927.21	927.29	≤500	PASS

Test Graphs



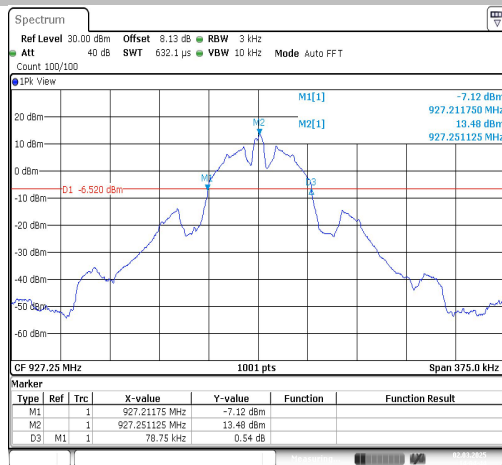
Date: 2.MAR.2025 13:48:40



Date: 2.MAR.2025 14:02:53

RFID-Ant1-902.75-PASS

RFID-Ant1-914.75-PASS



Date: 2.MAR.2025 14:04:44

RFID-Ant1-927.25-PASS

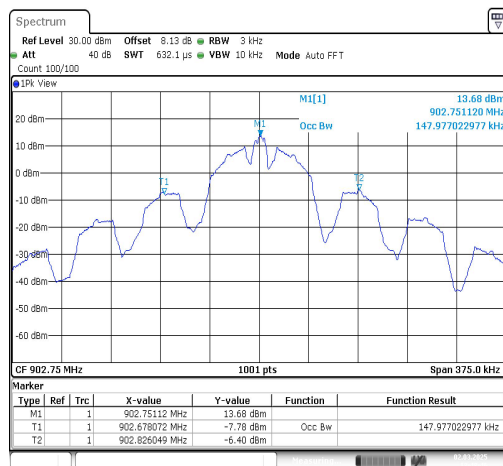


Appendix B: Occupied Channel Bandwidth

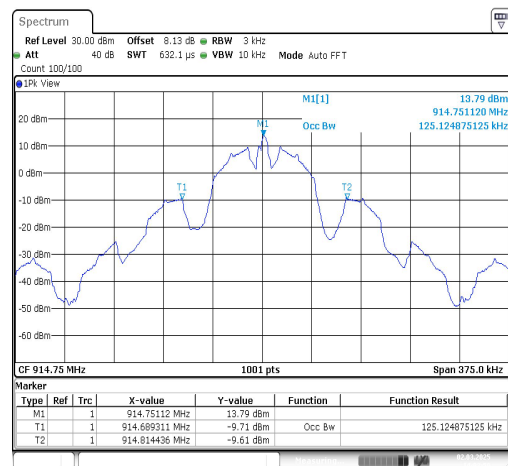
Test Result

Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
RFID	Ant1	902.75	0.148	902.6781	902.8260	---	---
RFID	Ant1	914.75	0.125	914.6893	914.8144	---	---
RFID	Ant1	927.25	0.075	927.2137	927.2882	---	---

Test Graphs



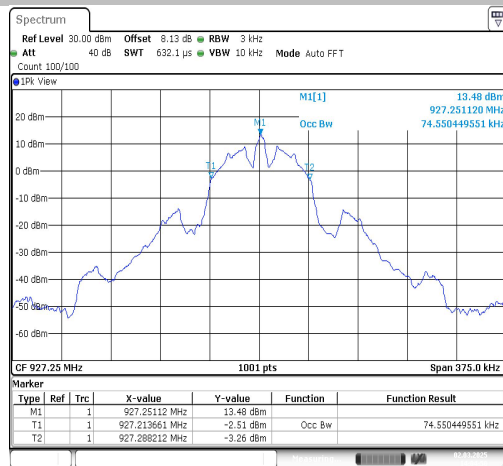
Date: 2.MAR.2025 13:48:47



Date: 2.MAR.2025 14:02:59

RFID-Ant1-902.75

RFID-Ant1-914.75



Date: 2.MAR.2025 14:04:51

RFID-Ant1-927.25



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
RFID	Ant1	902.75	14.00	≤30	-	-	-	PASS
RFID	Ant1	914.75	14.45	≤30	-	-	-	PASS
RFID	Ant1	927.25	14.02	≤30	-	-	-	PASS

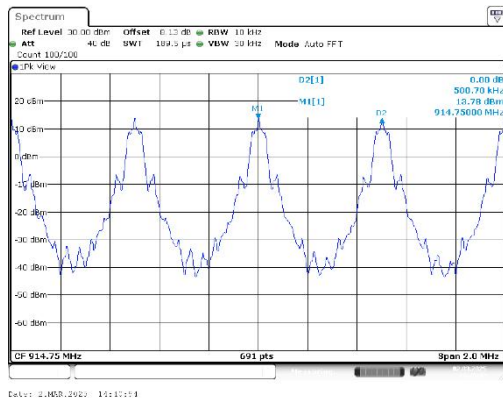


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[KHz]	Verdict
RFID	Ant1	914.75	0.5007	148	PASS

Test Graphs



RFID-Ant1-914.75-PASS

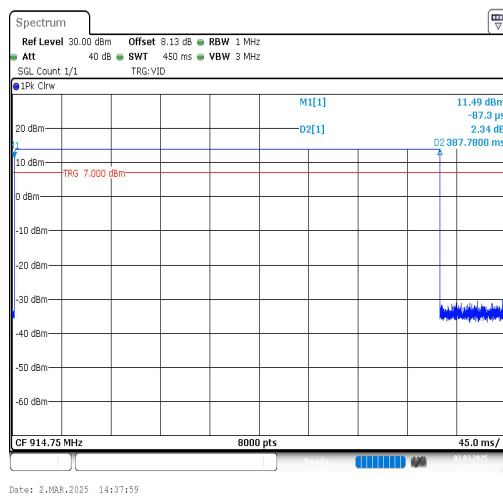


Appendix E: Time of occupancy

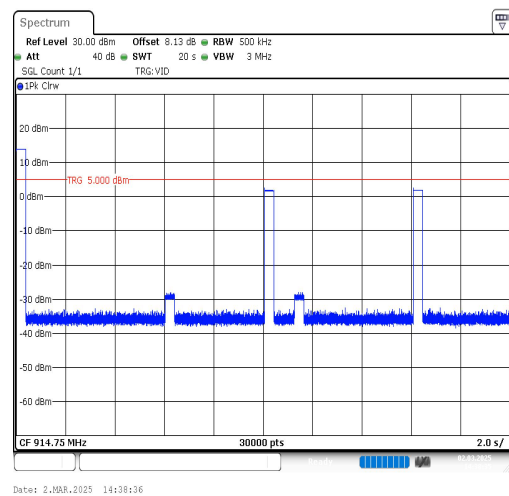
Test Result

Test Mode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
RFID	Ant1	Hop	387.780	1	0.38778	≤0.4	PASS

Test Graphs



RFID-Ant1-Hop-PASS



RFID-Ant1-Hop-PASS

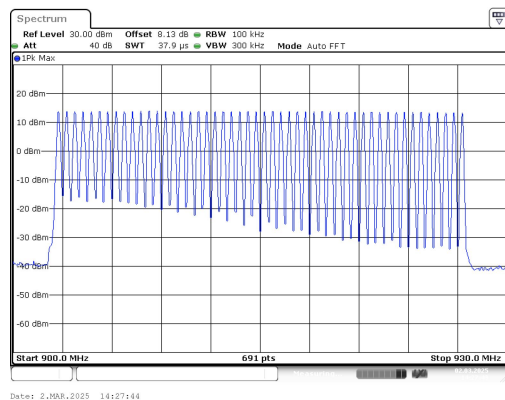


Appendix F: Number of hopping channels

Test Result

Test Mode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
RFID	Ant1	Hop	50	≥50	PASS

Test Graphs



RFID-Ant1-Hop-PASS

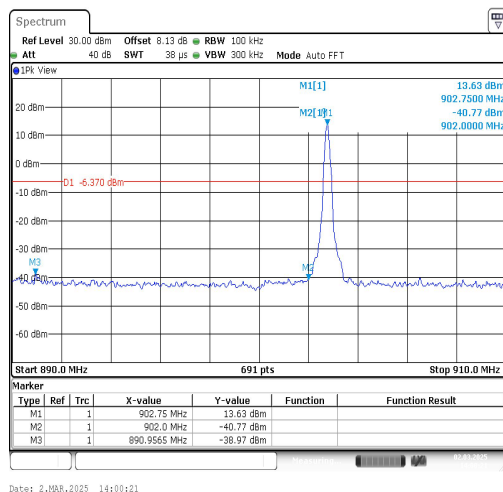


Appendix G: Band edge measurements

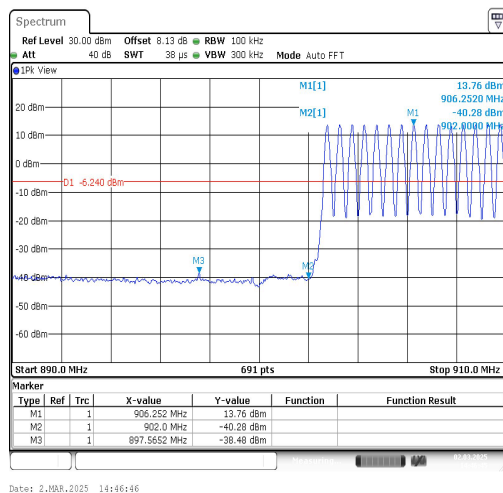
Test Result

Test Mode	Antenna	ChName	Freq(MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
RFID	Ant1	Low	902.75	13.63	-38.97	≤-6.37	PASS
RFID	Ant1	High	927.25	13.51	-40.42	≤-6.49	PASS
RFID	Ant1	Low-Hop	902.75-Hop	13.76	-38.48	≤-6.24	PASS
RFID	Ant1	High-Hop	927.25-Hop	13.73	-39.13	≤-6.27	PASS

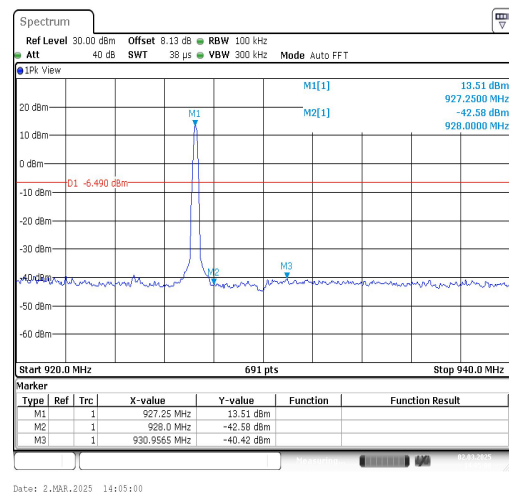
Test Graphs



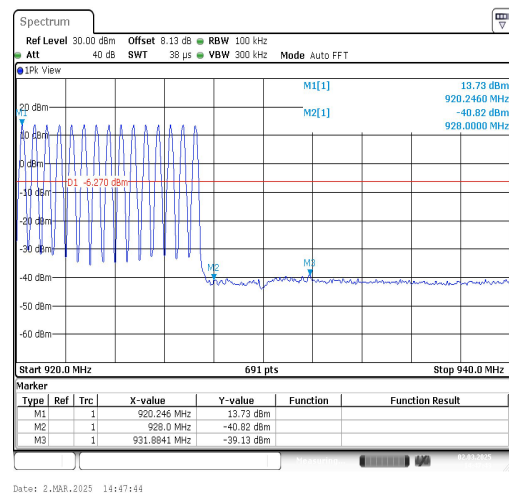
RFID-Ant1-902.75-PASS



RFID-Ant1-902.75-Hop-PASS



RFID-Ant1-927.25-PASS



RFID-Ant1-927.25-Hop-PASS



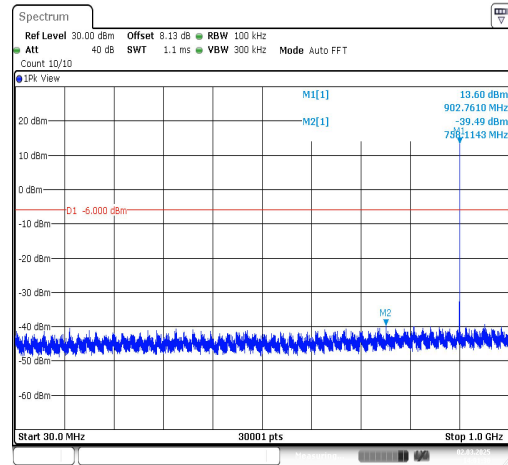
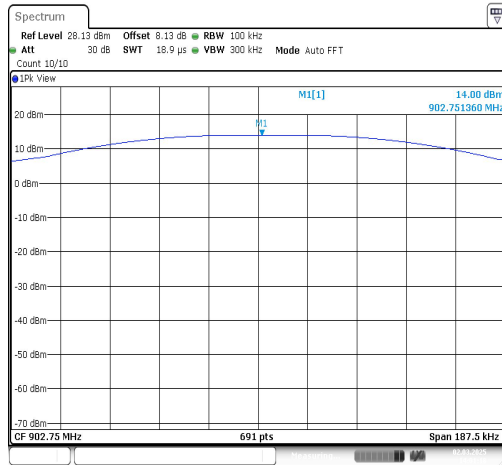
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
RFID	Ant1	902.75	0~Reference	14.00	14.00	---	PASS
RFID	Ant1	902.75	30~1000	14.00	-39.49	≤ -6	PASS
RFID	Ant1	902.75	1000~26500	14.00	-28.22	≤ -6	PASS
RFID	Ant1	914.75	0~Reference	14.24	14.24	---	PASS
RFID	Ant1	914.75	30~1000	14.24	-39.51	≤ -5.76	PASS
RFID	Ant1	914.75	1000~26500	14.24	-28.44	≤ -5.76	PASS
RFID	Ant1	927.25	0~Reference	13.95	13.95	---	PASS
RFID	Ant1	927.25	30~1000	13.95	-40.5	≤ -6.05	PASS
RFID	Ant1	927.25	1000~26500	13.95	-28.29	≤ -6.05	PASS

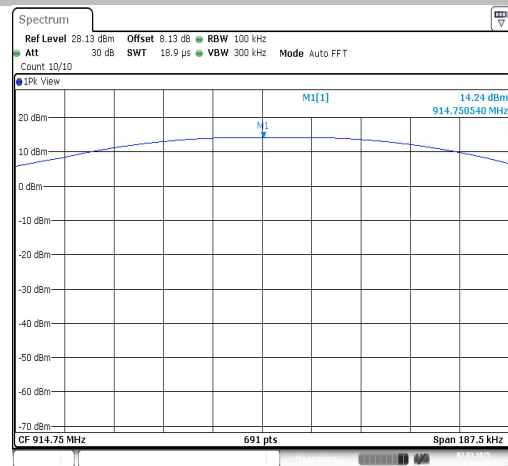
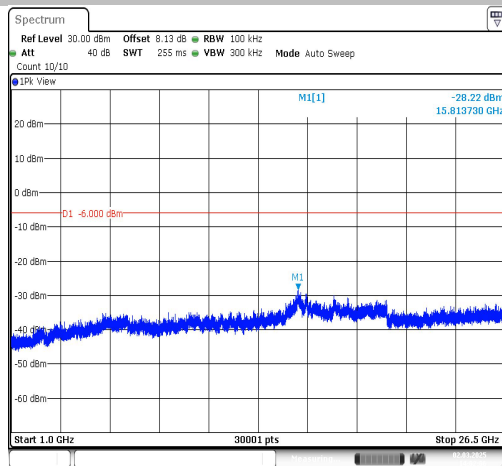


Test Graphs



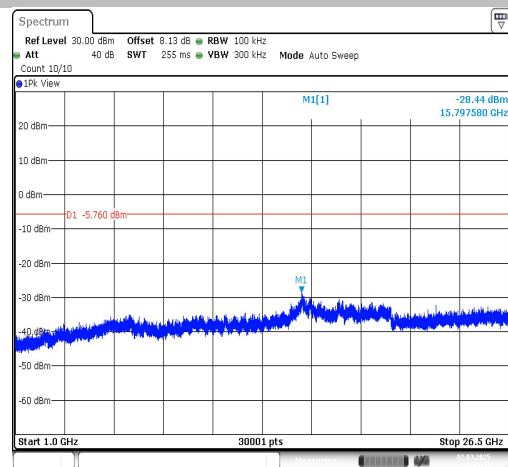
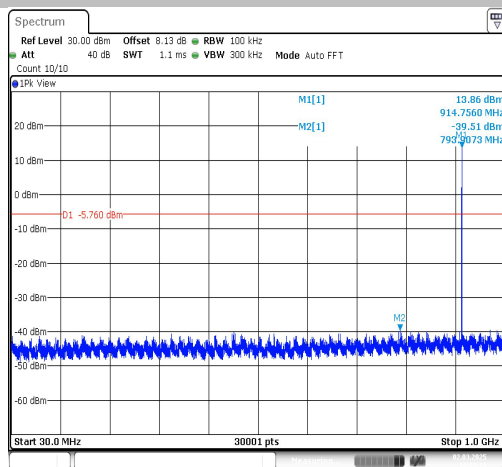
RFID-Ant1-902.75-0~Reference-PASS

RFID-Ant1-902.75-30~1000-PASS



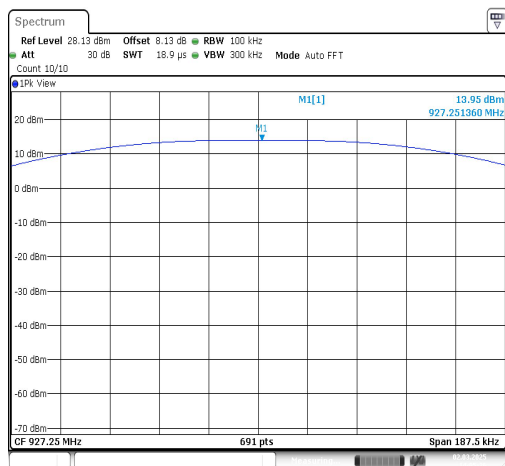
RFID-Ant1-902.75-1000~26500-PASS

RFID-Ant1-914.75-0~Reference-PASS

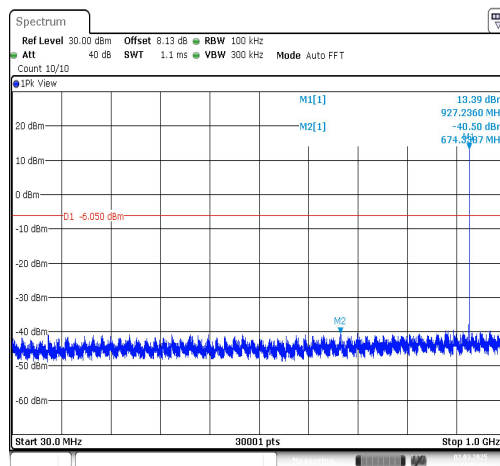


RFID-Ant1-914.75-30~1000-PASS

RFID-Ant1-914.75-1000~26500-PASS



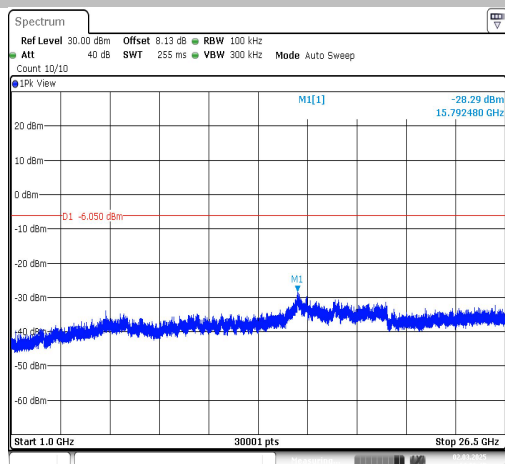
Date: 2.MAR.2025 14:05:27



Date: 2.MAR.2025 14:05:39

RFID-Ant1-927.25-0~Reference-PASS

RFID-Ant1-927.25-30~1000-PASS



Date: 2.MAR.2025 14:06:15

RFID-Ant1-927.25-1000~26500-PASS

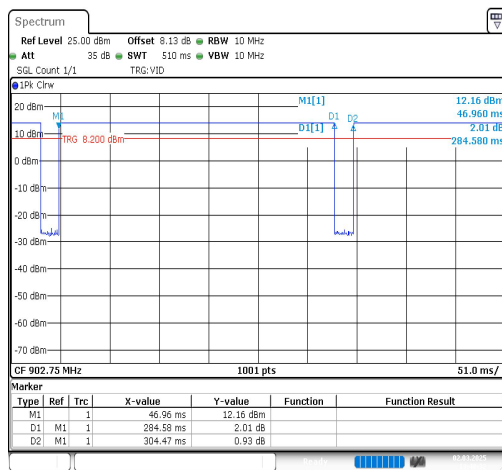


Appendix I: Duty Cycle

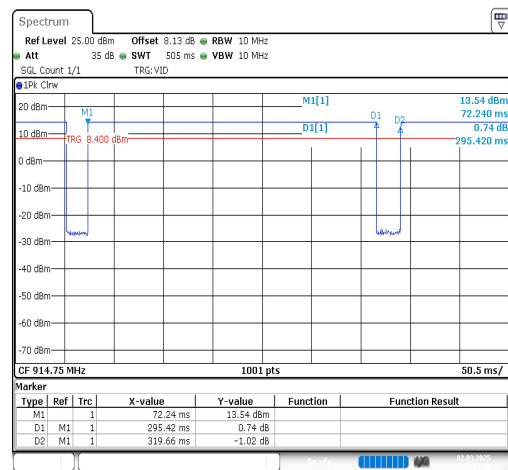
Test Result

Test Mode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor (dB)
RFID	Ant1	902.75	284.58	304.47	93.47	0.29
RFID	Ant1	914.75	295.42	319.66	92.42	0.34
RFID	Ant1	927.25	292.90	304.01	96.35	0.16

Test Graphs



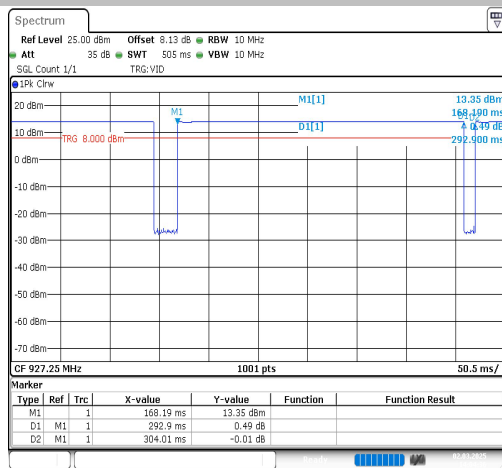
Date: 2/MAR/2025 13:48:32



Date: 2/MAR/2025 14:02:45

NTNV-RFID-Ant1-902.75

NTNV-RFID-Ant1-914.75



Date: 2/MAR/2025 14:04:36

NTNV-RFID-Ant1-927.25

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