



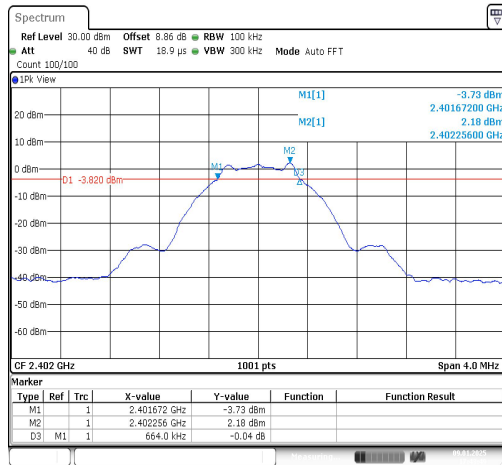
Appendix A: DTS Bandwidth

Test Result

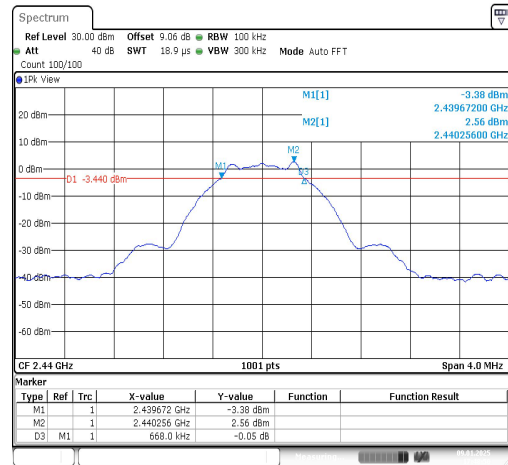
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.67	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.67	2439.67	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.67	2480.34	0.5	PASS



Test Graphs



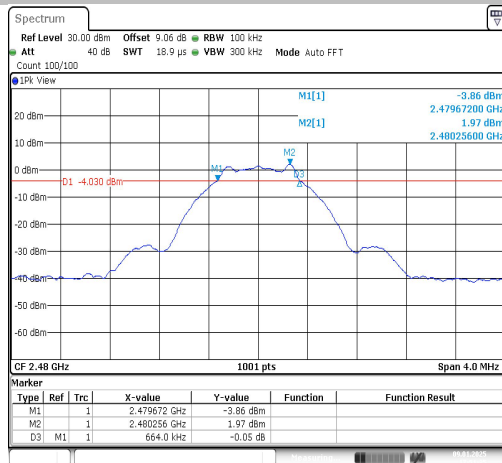
Date: 9, JAN, 2025 17:43:49



Date: 9, JAN, 2025 17:46:50

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



Date: 9, JAN, 2025 17:51:36

BLE_1M-Ant1-2480-PASS



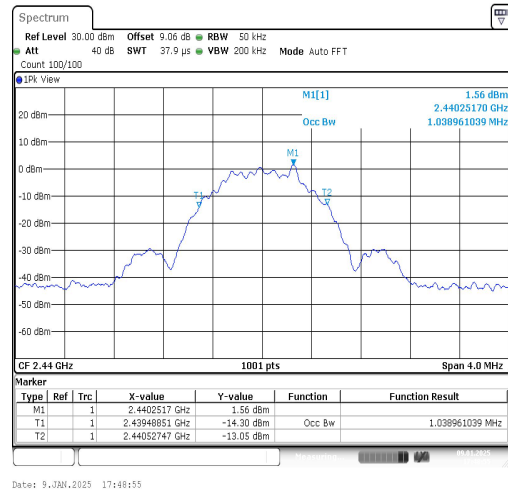
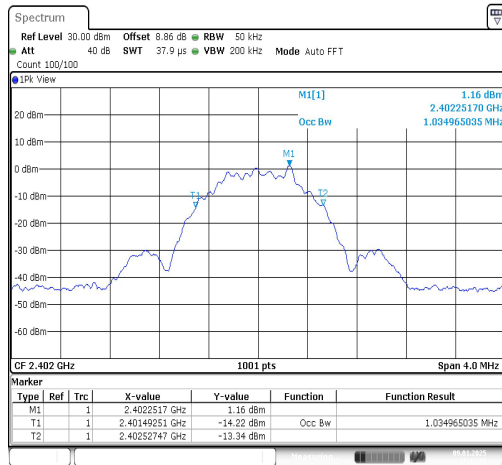
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.035	2401.4925	2402.5275	---	---
BLE_1M	Ant1	2440	1.039	2439.4885	2440.5275	---	---
BLE_1M	Ant1	2480	1.039	2479.4885	2480.5275	---	---

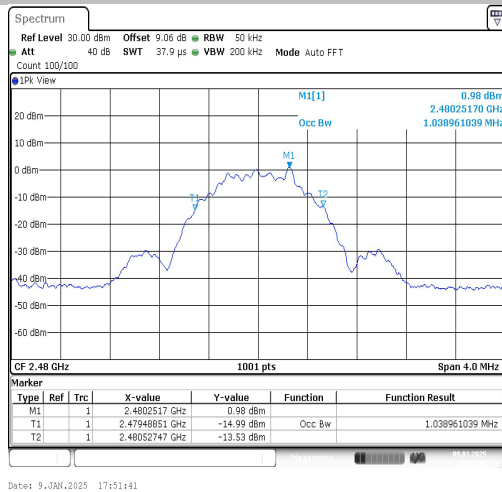


Test Graphs



BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



BLE_1M-Ant1-2480



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
BLE_1M	Ant1	2402	2.61	≤30	0.11	2.72	-	PASS
BLE_1M	Ant1	2440	2.94	≤30	0.11	3.05	-	PASS
BLE_1M	Ant1	2480	2.39	≤30	0.11	2.50	-	PASS

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Conducted Sensor Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	1.28	85.20	0.70	1.98	≤30.00	0.11	2.09	-	PASS
BLE_1M	Ant1	2440	2.25	85.20	0.70	2.95	≤30.00	0.11	3.06	-	PASS
BLE_1M	Ant1	2480	1.46	85.20	0.70	2.16	≤30.00	0.11	2.27	-	PASS



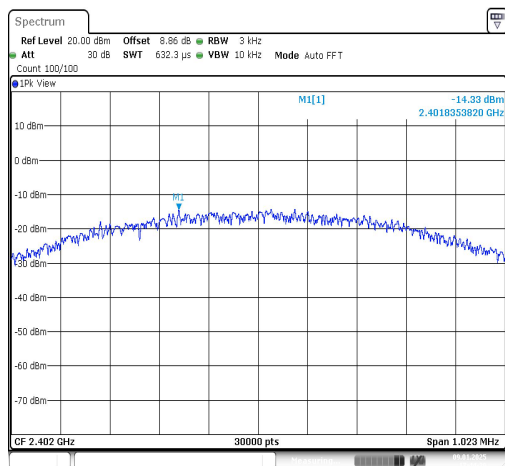
Appendix D: Maximum power spectral density

Test Result

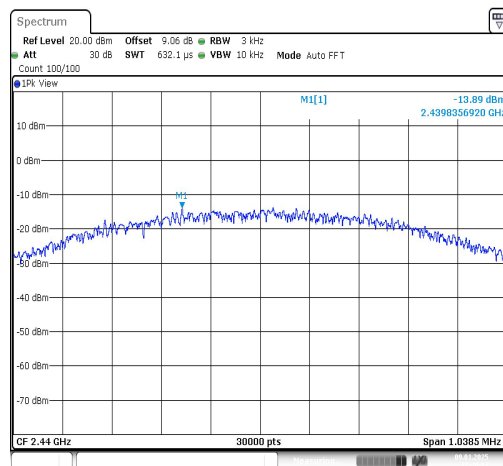
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.33	≤8.00	PASS
BLE_1M	Ant1	2440	-13.89	≤8.00	PASS
BLE_1M	Ant1	2480	-14.56	≤8.00	PASS



Test Graphs



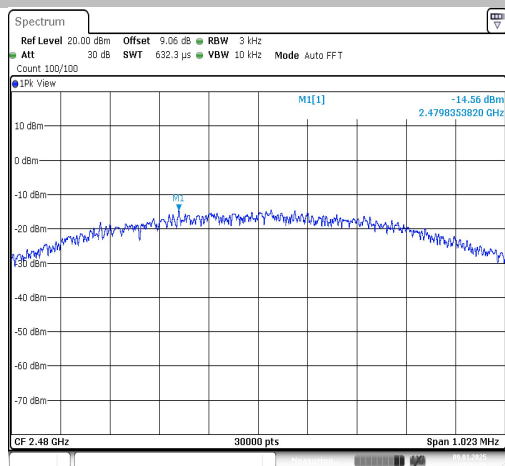
Date: 9, JAN, 2025 17:44:29



Date: 9, JAN, 2025 17:49:31

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



Date: 9, JAN, 2025 17:52:58

BLE_1M-Ant1-2480-PASS



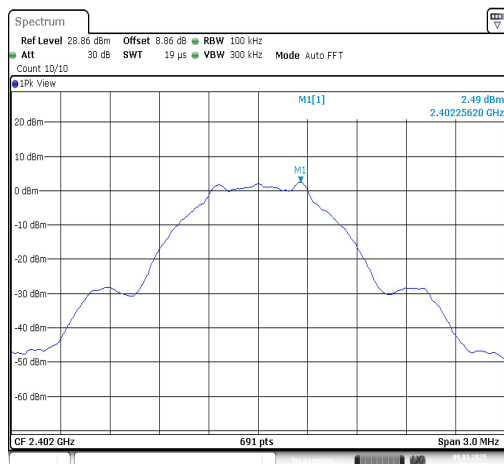
Appendix E: Conducted Spurious Emission

Test Result

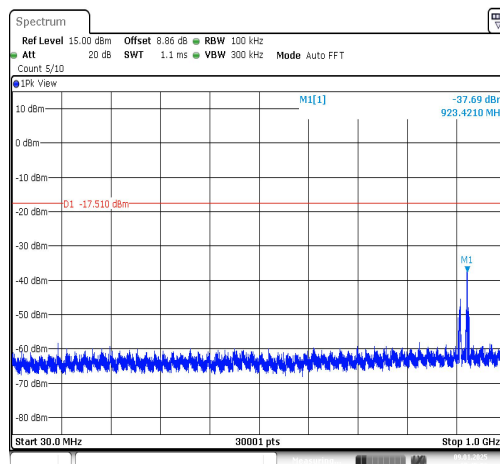
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.49	2.49	---	PASS
BLE_1M	Ant1	2402	30~1000	2.49	-37.69	≤-17.51	PASS
BLE_1M	Ant1	2402	1000~26500	2.49	-41.61	≤-17.51	PASS
BLE_1M	Ant1	2440	0~Reference	2.81	2.81	---	PASS
BLE_1M	Ant1	2440	30~1000	2.81	-50.33	≤-17.19	PASS
BLE_1M	Ant1	2440	1000~26500	2.81	-47.69	≤-17.19	PASS
BLE_1M	Ant1	2480	0~Reference	2.18	2.18	---	PASS
BLE_1M	Ant1	2480	30~1000	2.18	-32.63	≤-17.82	PASS
BLE_1M	Ant1	2480	1000~26500	2.18	-43.25	≤-17.82	PASS



Test Graphs

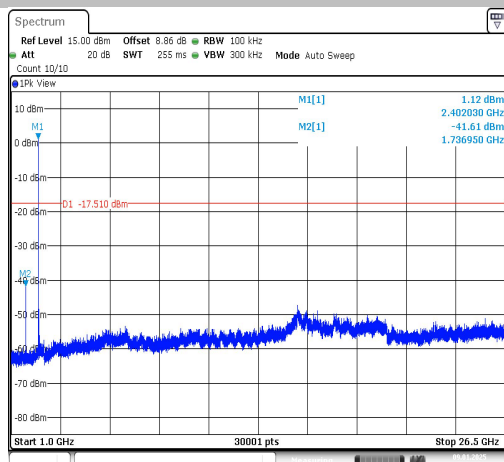


Date: 9, JAN, 2025 17:45:41



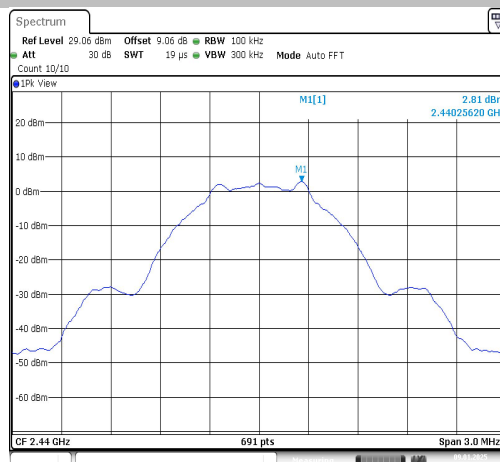
Date: 9, JAN, 2025 17:45:52

BLE_1M-Ant1-2402-0~Reference-PASS



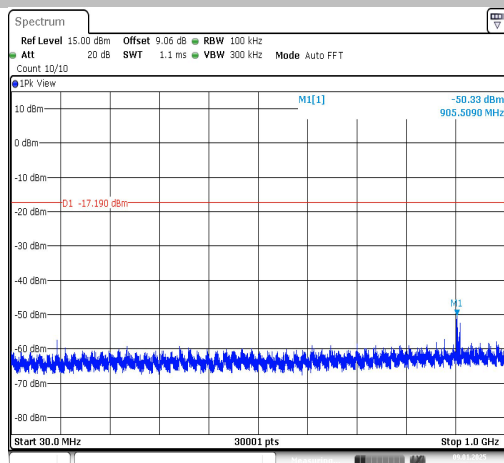
Date: 9, JAN, 2025 17:46:29

BLE_1M-Ant1-2402-30~1000-PASS



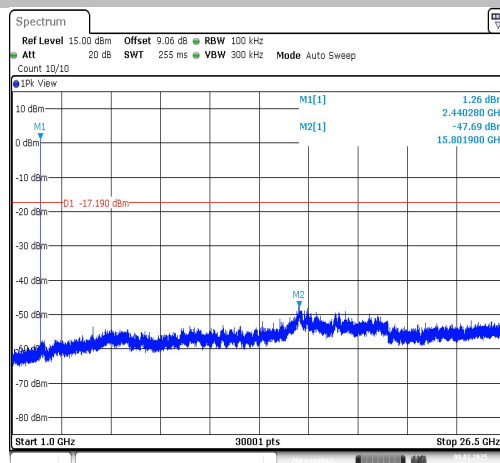
Date: 9, JAN, 2025 17:49:39

BLE_1M-Ant1-2402-1000~26500-PASS



Date: 9, JAN, 2025 17:49:50

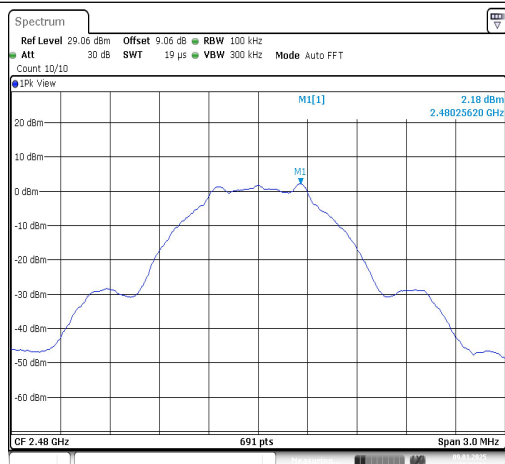
BLE_1M-Ant1-2440-0~Reference-PASS



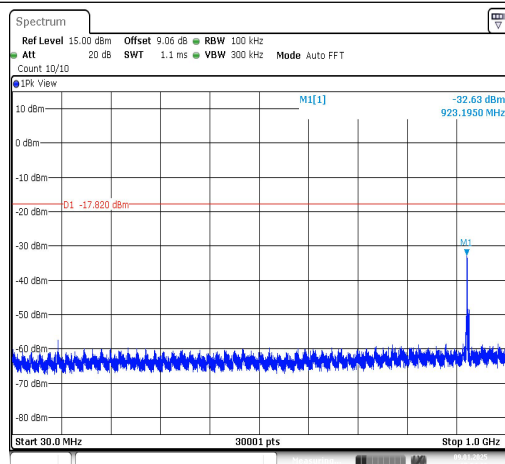
Date: 9, JAN, 2025 17:50:27

BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



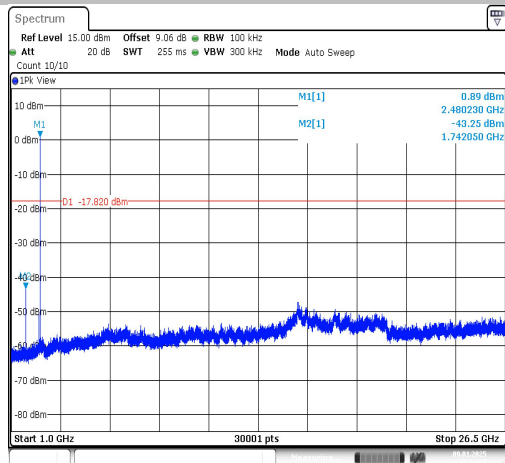
Date: 9.JAN.2025 17:54:09



Date: 9.JAN.2025 17:54:20

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



Date: 9.JAN.2025 17:54:57

BLE_1M-Ant1-2480-1000~26500-PASS



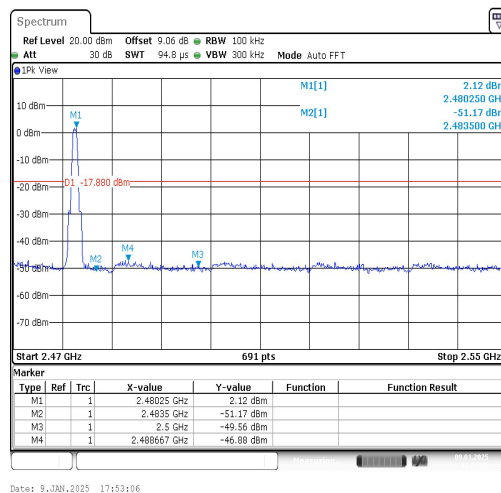
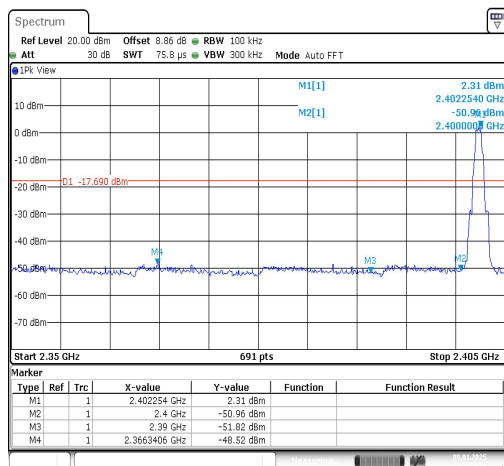
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.31	-48.52	≤ -17.69	PASS
BLE_1M	Ant1	High	2480	2.12	-46.88	≤ -17.88	PASS



Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



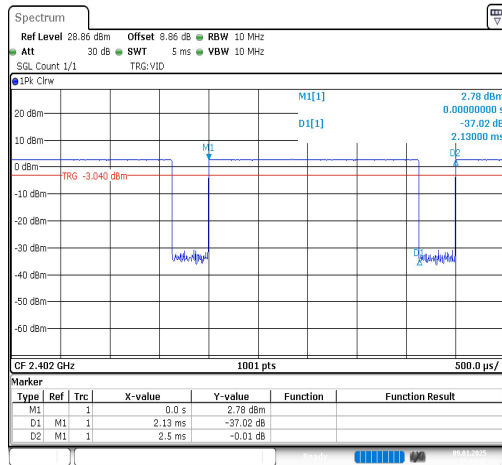
Appendix G: Duty Cycle

Test Result

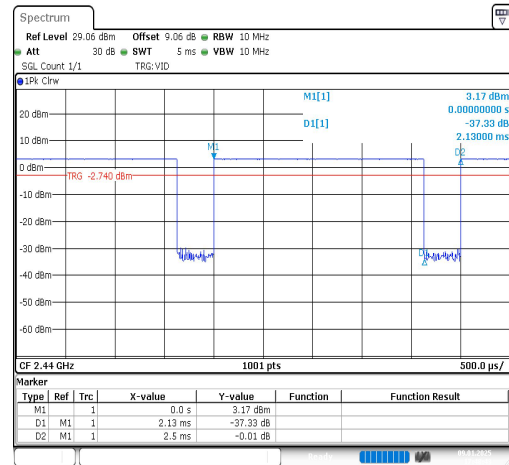
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.13	2.50	85.20
BLE_1M	Ant1	2440	2.13	2.50	85.20
BLE_1M	Ant1	2480	2.13	2.50	85.20
BLE_2M	Ant1	2402	1.08	1.88	57.45



Test Graphs



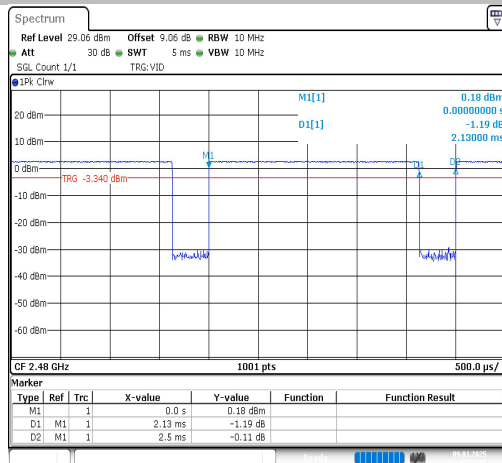
Date: 9, JAN, 2025 17:43:42



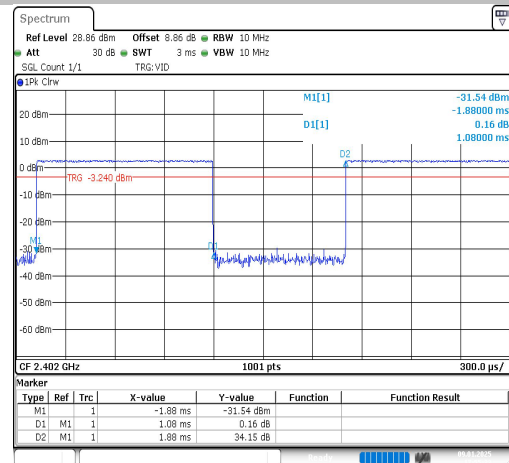
Date: 9, JAN, 2025 17:48:43

NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



Date: 9, JAN, 2025 17:51:28



Date: 9, JAN, 2025 17:55:33

NTNV-BLE_1M-Ant1-2480

NTNV-BLE_2M-Ant1-2402

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