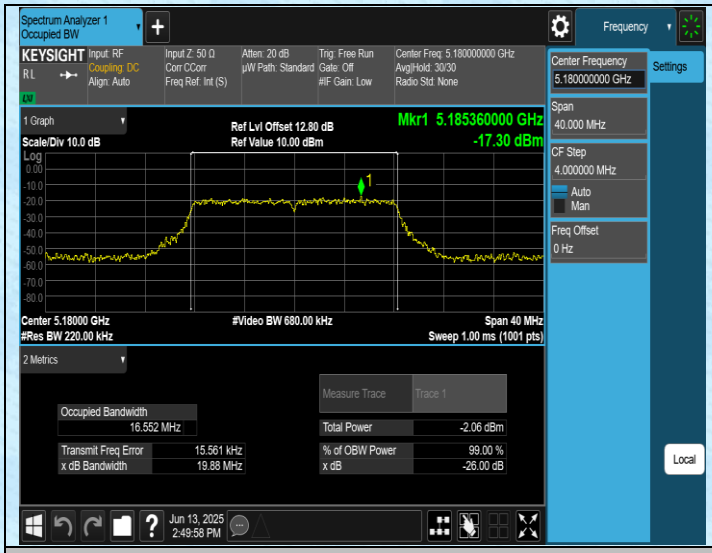
AppendixA1: Emission Bandwidth

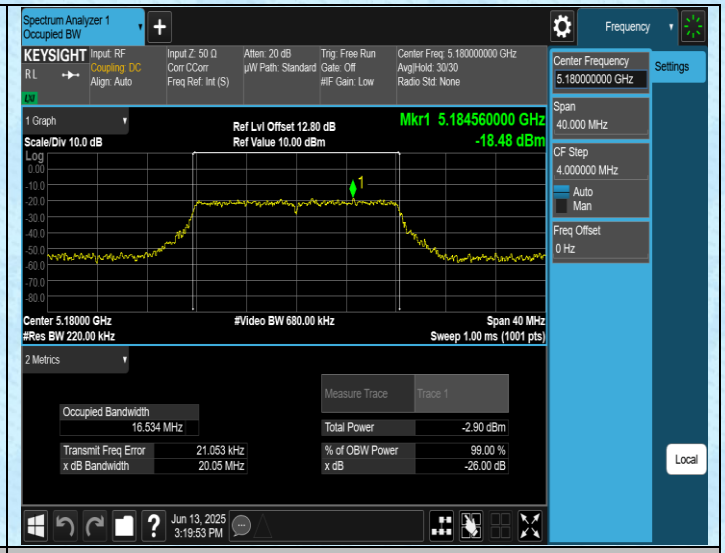
Test Result

Test Mode	Antenna	Frequency [MHz]	Rate	26dB EBW [MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	6Mbps	19.88	---	---
11A	Ant2	5180	6Mbps	20.05	---	---
11A	Ant1	5200	6Mbps	19.99	---	---
11A	Ant2	5200	6Mbps	20.30	---	---
11A	Ant1	5240	6Mbps	20.31	---	---
11A	Ant2	5240	6Mbps	20.03	---	---
11A	Ant1	5745	6Mbps	20.09	---	---
11A	Ant2	5745	6Mbps	19.73	---	---
11A	Ant1	5785	6Mbps	20.02	---	---
11A	Ant2	5785	6Mbps	20.18	---	---
11A	Ant1	5825	6Mbps	20.01	---	---
11A	Ant2	5825	6Mbps	20.04	---	---

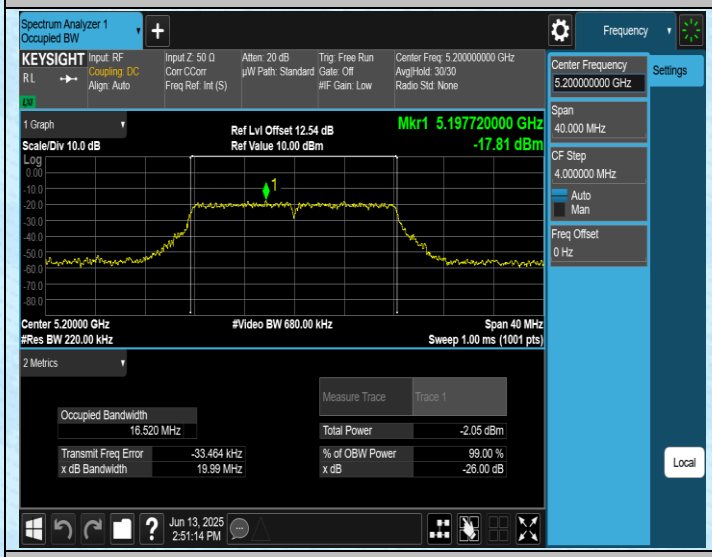
Test Graphs



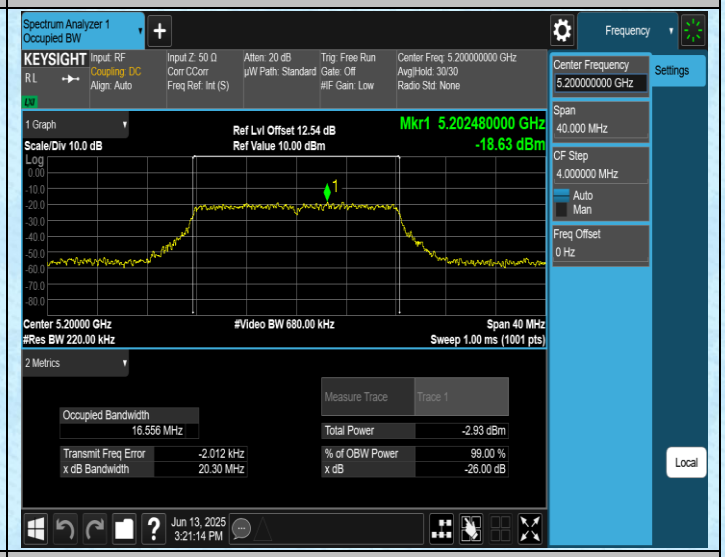
11A-Ant1-5180



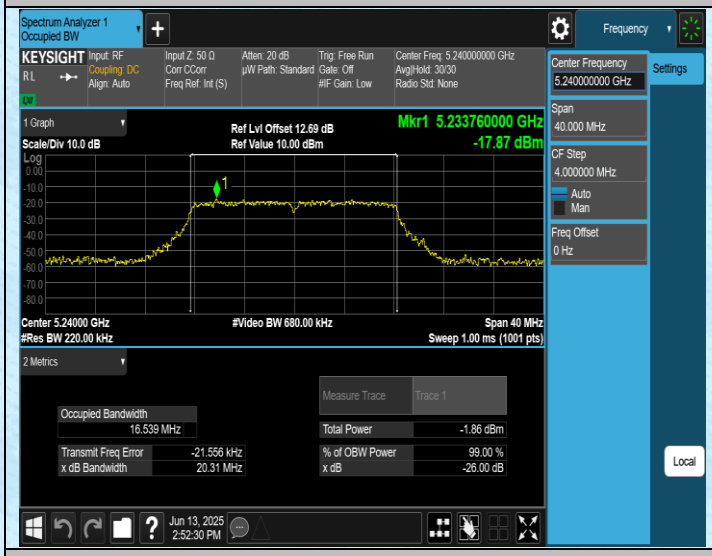
11A-Ant2-5180



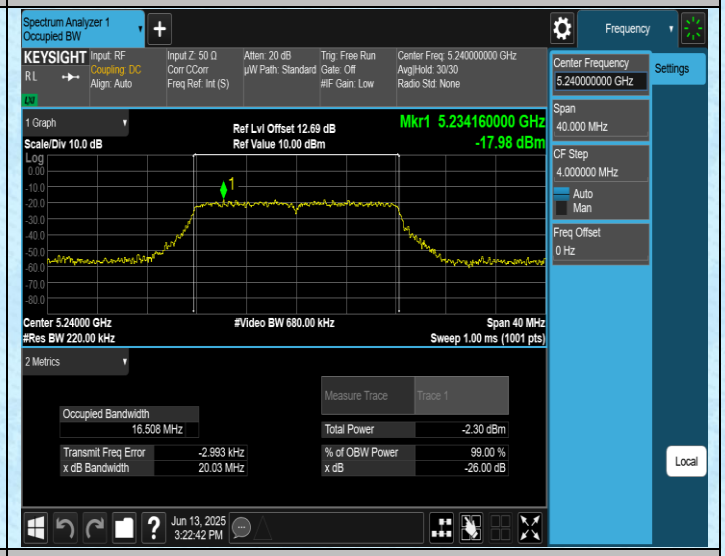
11A-Ant1-5200



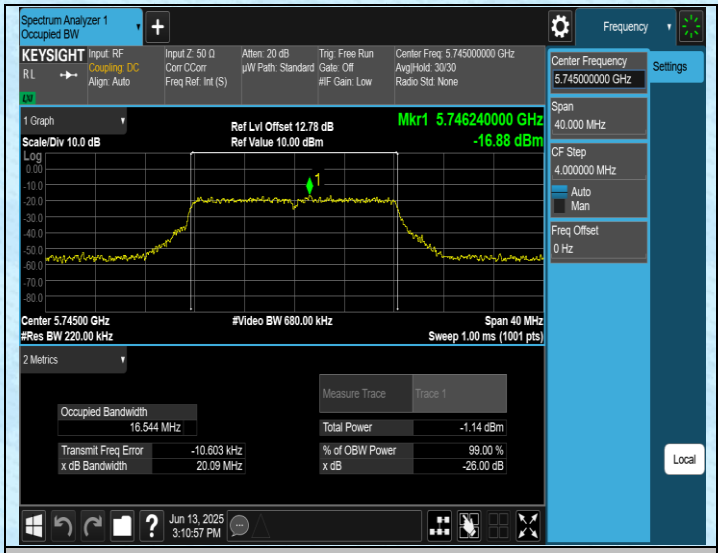
11A-Ant2-5200



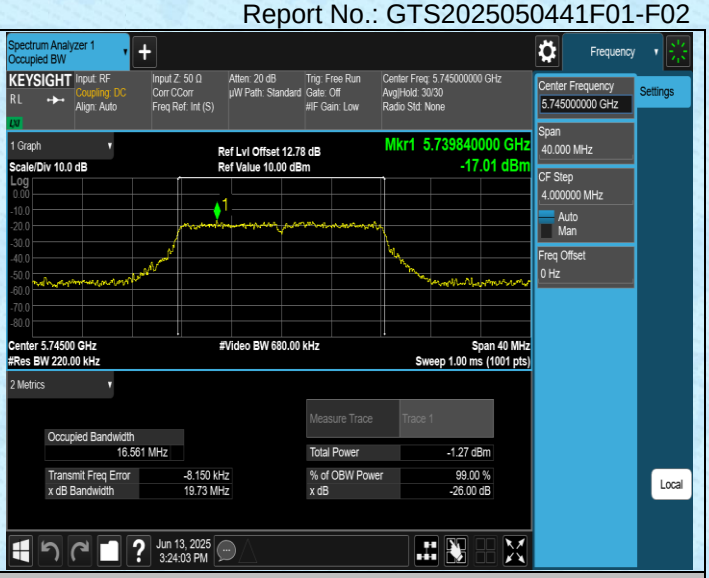
11A-Ant1-5240



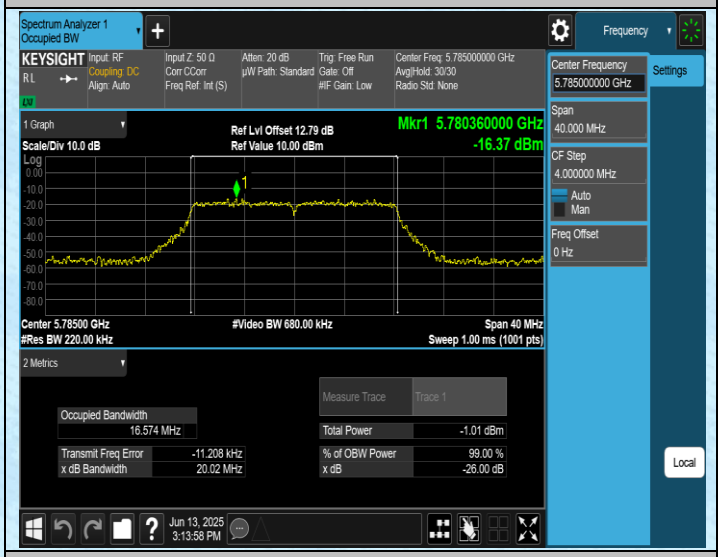
11A-Ant2-5240



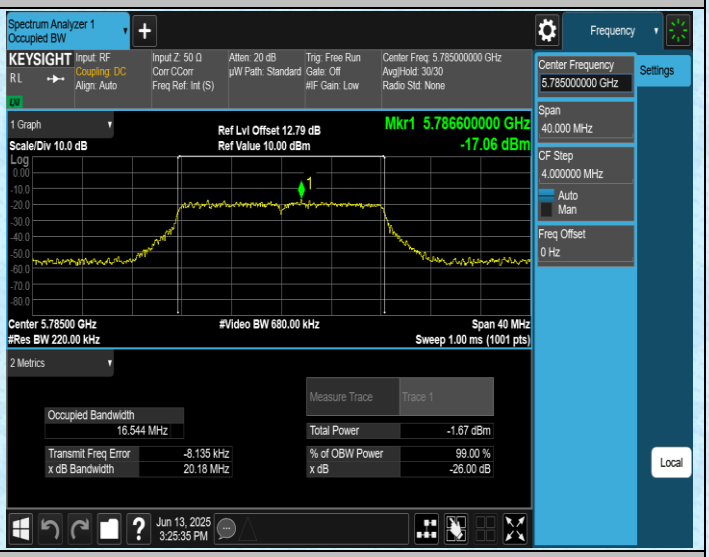
11A-Ant1-5745



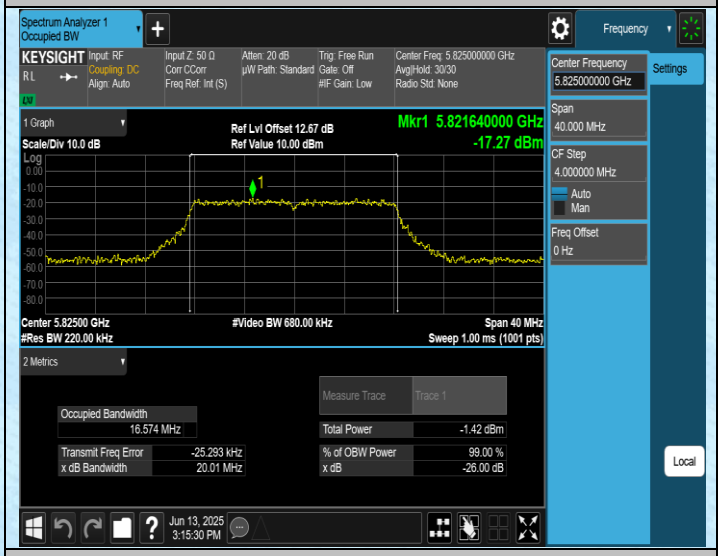
11A-Ant2-5745



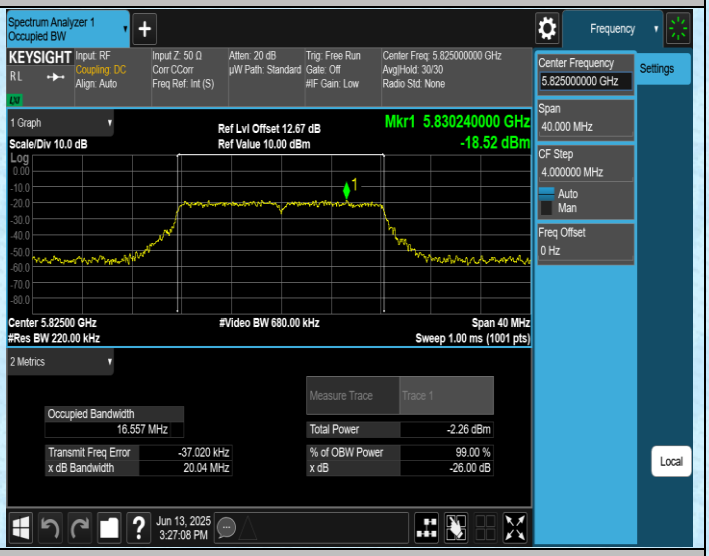
11A-Ant1-5785



11A-Ant2-5785



11A-Ant1-5825



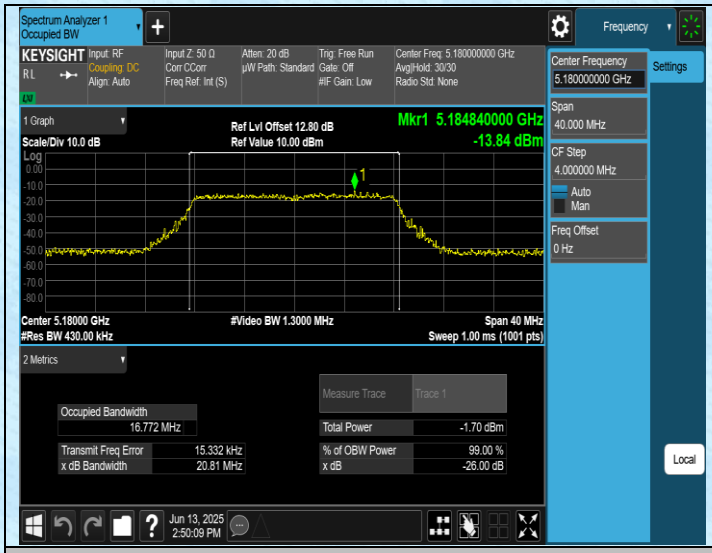
11A-Ant2-5825

AppendixA2: Occupied channel bandwidth

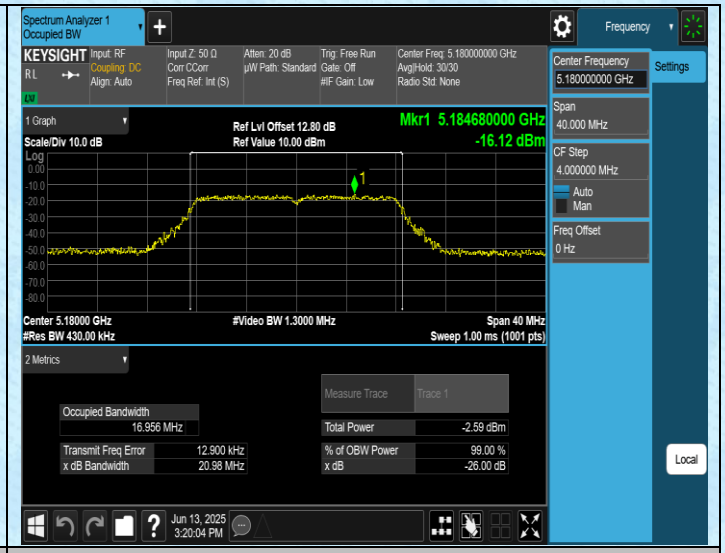
Test Result

Test Mode	Antenna	Frequency [MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	6Mbps	16.772	5171.6293	5188.4013	---	---
11A	Ant2	5180	6Mbps	16.956	5171.5349	5188.4909	---	---
11A	Ant1	5200	6Mbps	16.826	5191.5695	5208.3955	---	---
11A	Ant2	5200	6Mbps	16.848	5191.5935	5208.4415	---	---
11A	Ant1	5240	6Mbps	16.804	5231.5819	5248.3859	---	---
11A	Ant2	5240	6Mbps	16.786	5231.6167	5248.4027	---	---
11A	Ant1	5745	6Mbps	16.790	5736.5931	5753.3831	---	---
11A	Ant2	5745	6Mbps	16.884	5736.5593	5753.4433	---	---
11A	Ant1	5785	6Mbps	16.895	5776.5250	5793.4200	---	---
11A	Ant2	5785	6Mbps	16.862	5776.6150	5793.4770	---	---
11A	Ant1	5825	6Mbps	16.717	5816.5943	5833.3113	---	---
11A	Ant2	5825	6Mbps	16.903	5816.5268	5833.4298	---	---

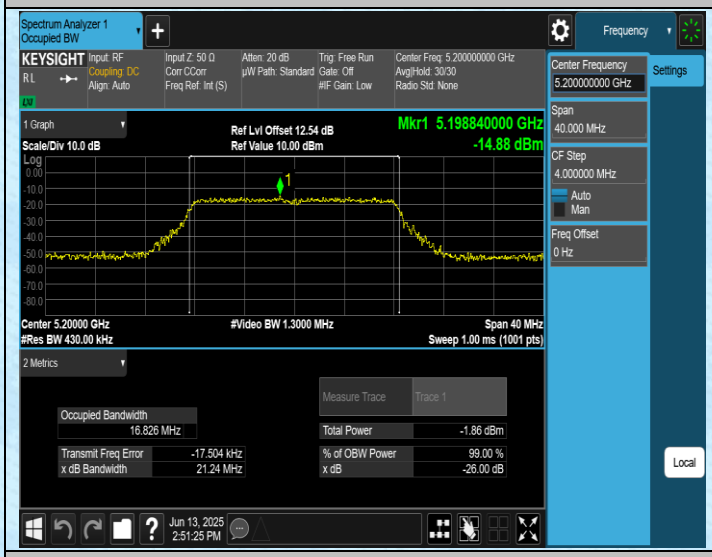
Test Graphs



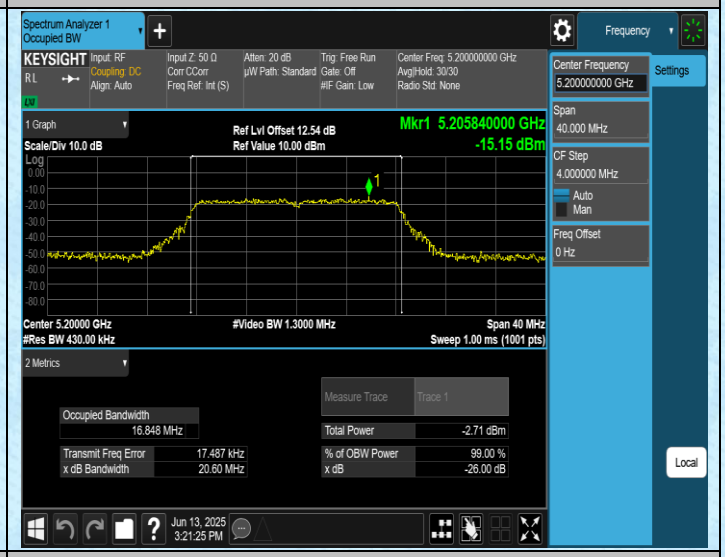
11A-Ant1-5180



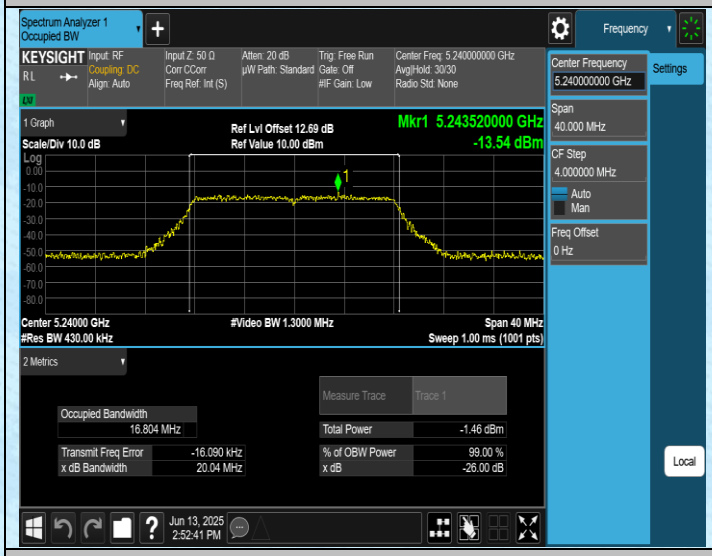
11A-Ant2-5180



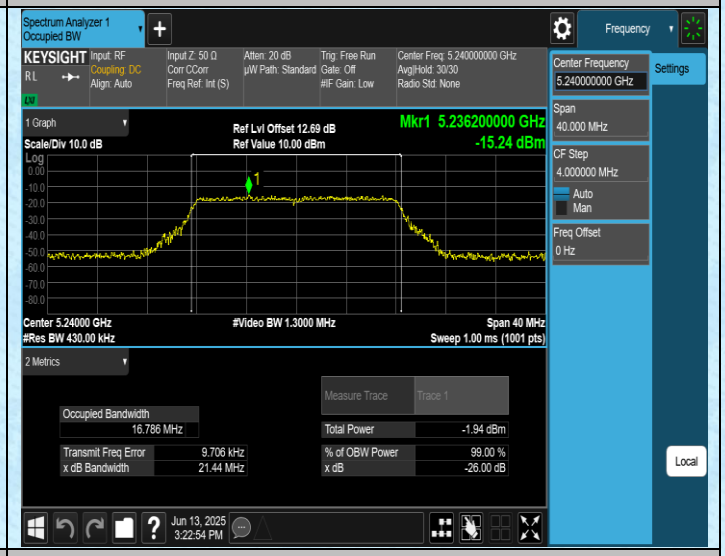
11A-Ant1-5200



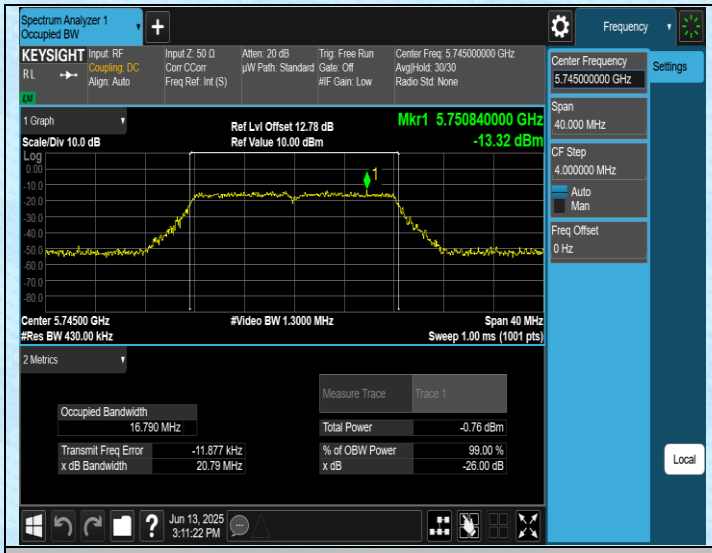
11A-Ant2-5200



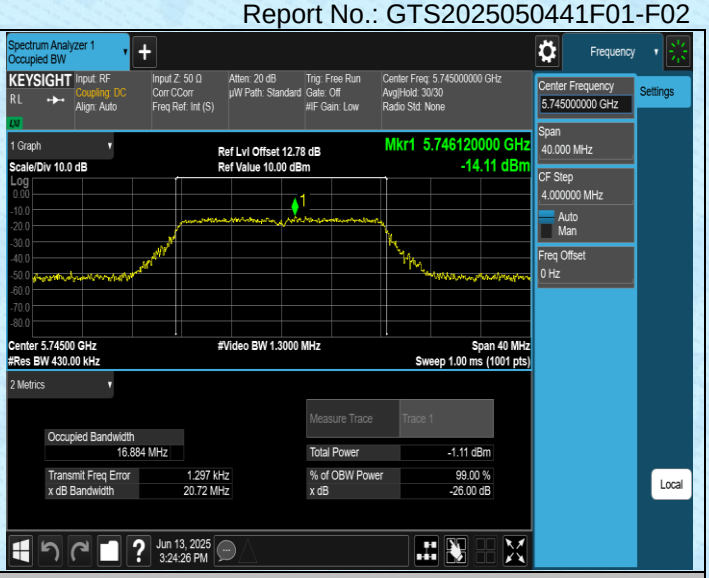
11A-Ant1-5240



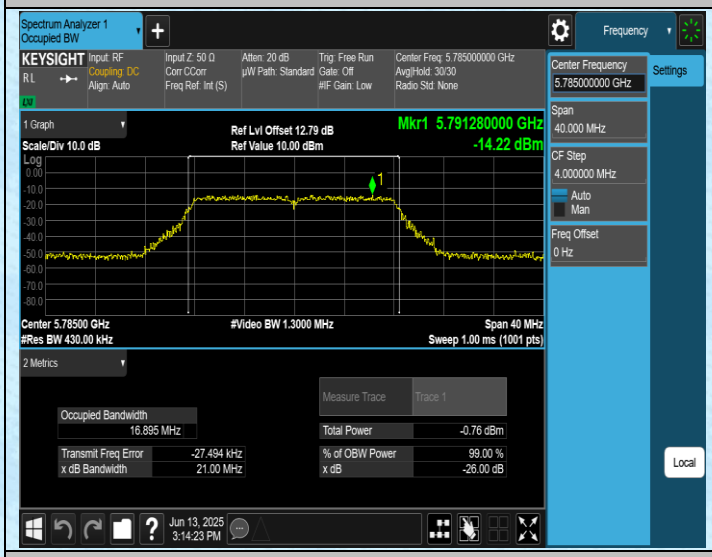
11A-Ant2-5240



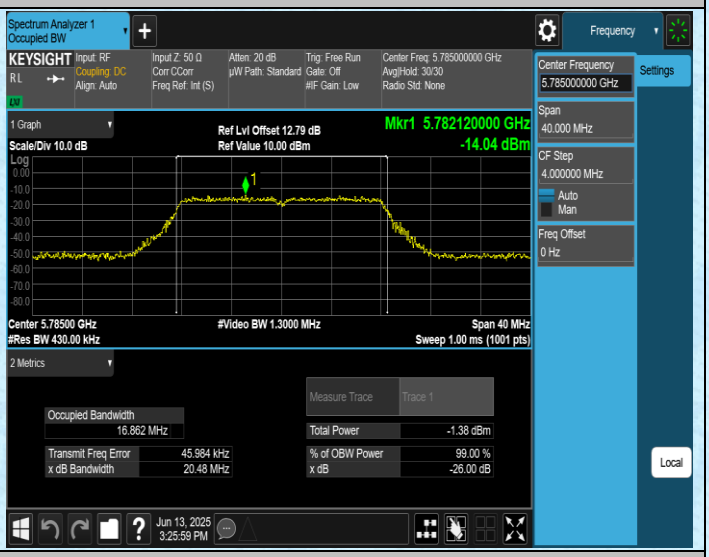
11A-Ant1-5745



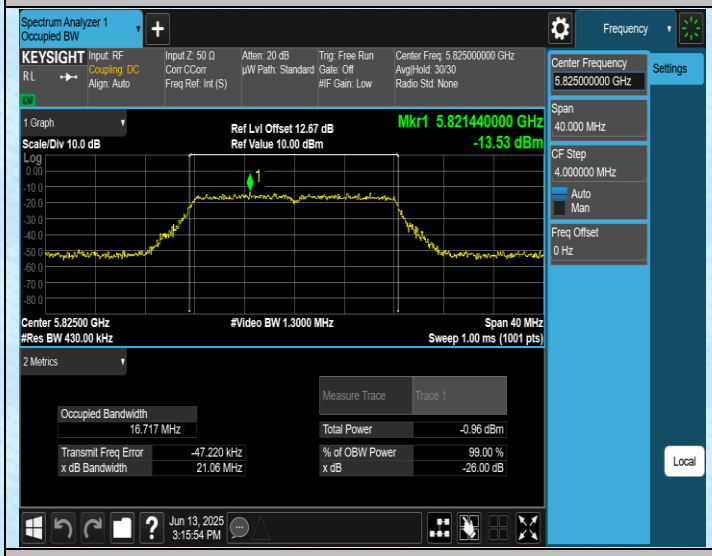
11A-Ant2-5745



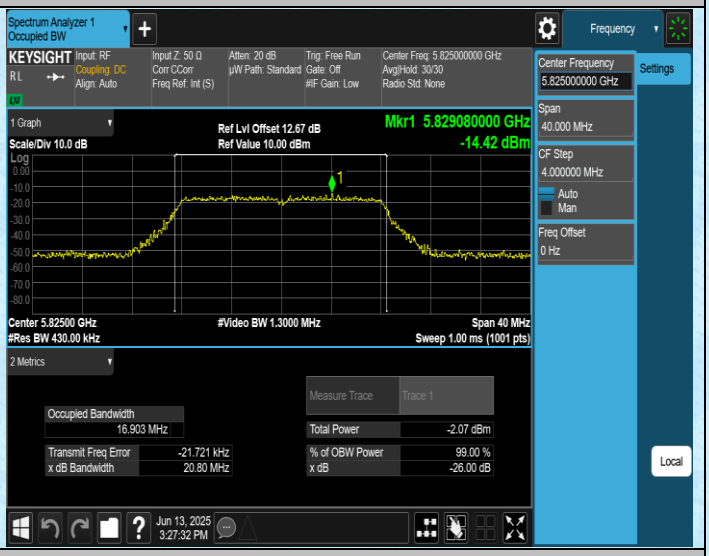
11A-Ant1-5785



11A-Ant2-5785



11A-Ant1-5825



11A-Ant2-5825

AppendixA3: Min emission bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	6Mbps	16.320	5736.840	5753.160	0.5	PASS
11A	Ant2	5745	6Mbps	16.320	5736.840	5753.160	0.5	PASS
11A	Ant1	5785	6Mbps	16.480	5776.760	5793.240	0.5	PASS
11A	Ant2	5785	6Mbps	16.320	5776.840	5793.160	0.5	PASS
11A	Ant1	5825	6Mbps	16.480	5816.760	5833.240	0.5	PASS
11A	Ant2	5825	6Mbps	16.480	5816.720	5833.200	0.5	PASS

Test Graphs

11A-Ant1-5745-PASS

11A-Ant2-5745-PASS

11A-Ant1-5785-PASS

11A-Ant2-5785-PASS

11A-Ant1-5825-PASS

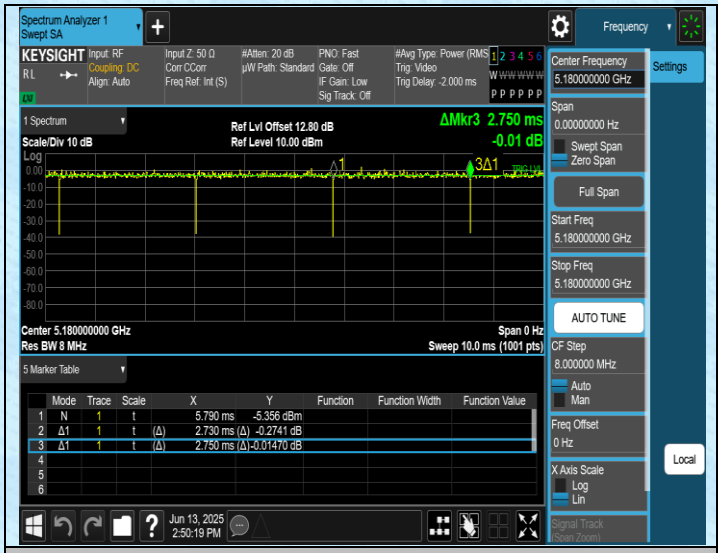
11A-Ant2-5825-PASS

AppendixB: Duty Cycle

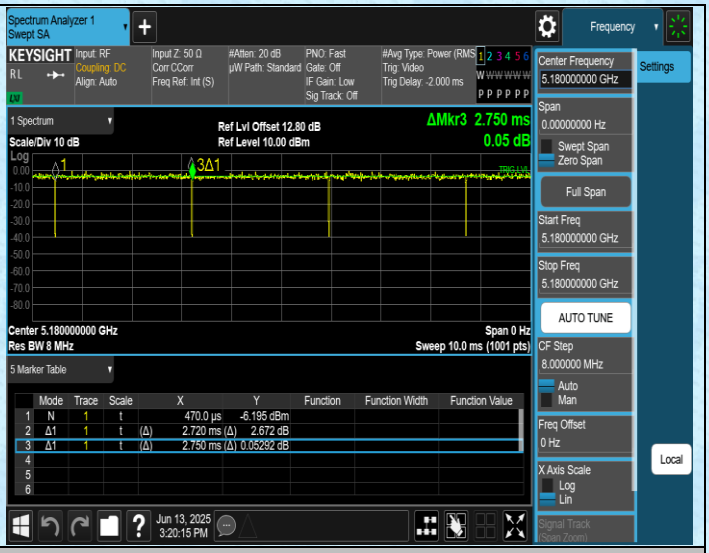
Test Result

Test Mode	Antenna	Frequency [MHz]	Rate	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	6Mbps	2.73	2.75	99.27
11A	Ant2	5180	6Mbps	2.72	2.75	98.91
11A	Ant1	5200	6Mbps	2.72	2.75	98.91
11A	Ant2	5200	6Mbps	2.72	2.75	98.91
11A	Ant1	5240	6Mbps	2.72	2.75	98.91
11A	Ant2	5240	6Mbps	2.73	2.75	99.27
11A	Ant1	5745	6Mbps	2.73	2.75	99.27
11A	Ant2	5745	6Mbps	2.73	2.75	99.27
11A	Ant1	5785	6Mbps	2.73	2.75	99.27
11A	Ant2	5785	6Mbps	2.72	2.75	98.91
11A	Ant1	5825	6Mbps	2.73	2.75	99.27
11A	Ant2	5825	6Mbps	2.73	2.75	99.27

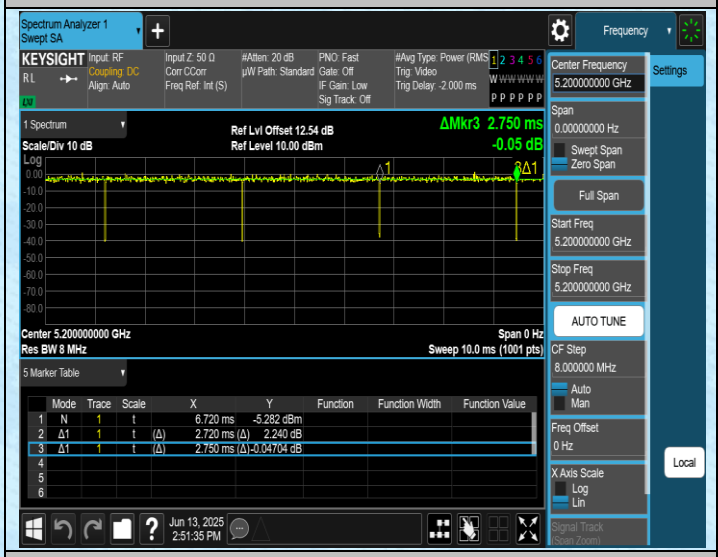
Test Graphs



NTNV-11A-Ant1-5180



NTNV-11A-Ant2-5180



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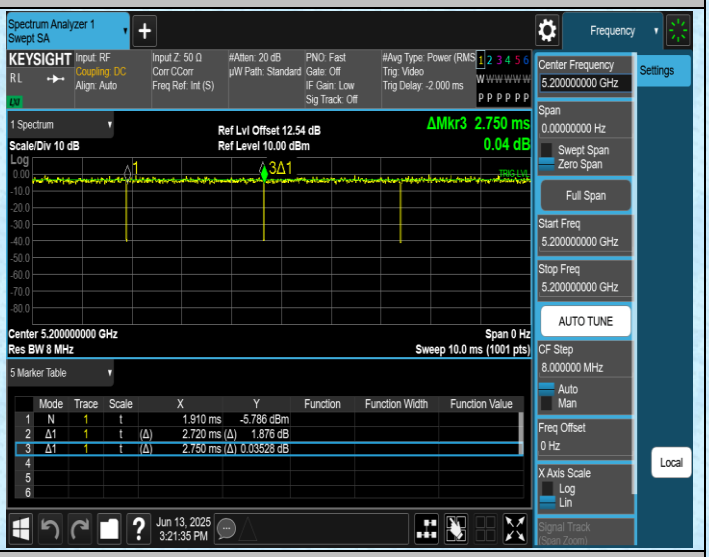
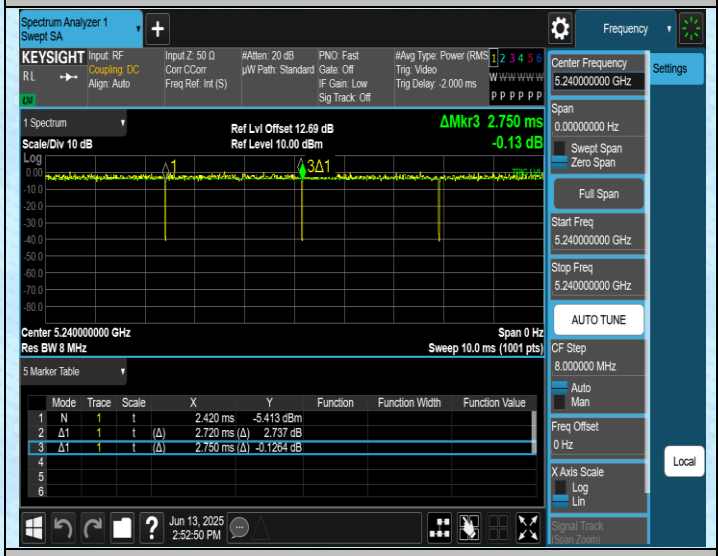
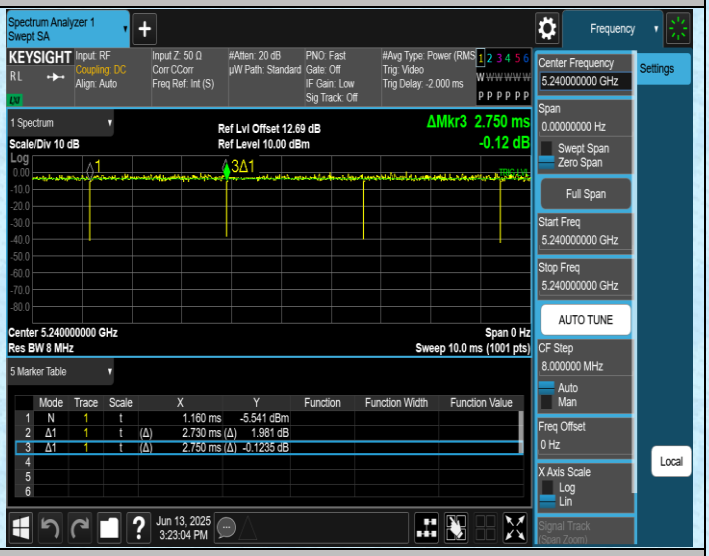


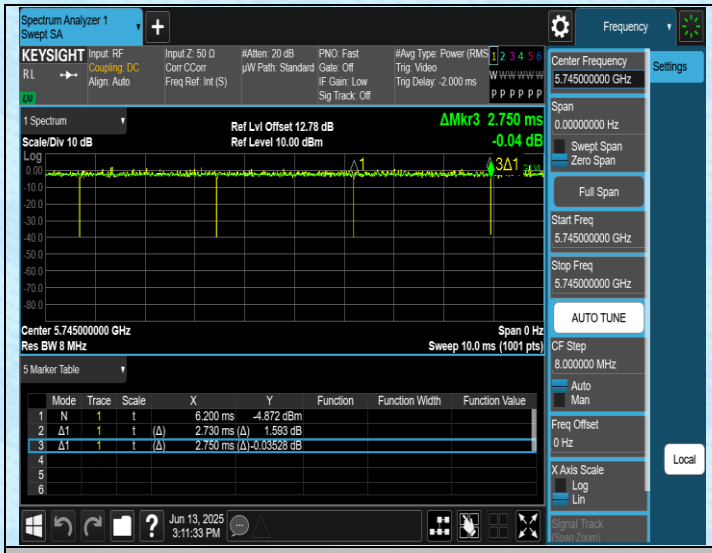
NTNV-11A-Ant2-5200



NTNV-11A-Ant1-5240



NTNV-11A-Ant2-5240



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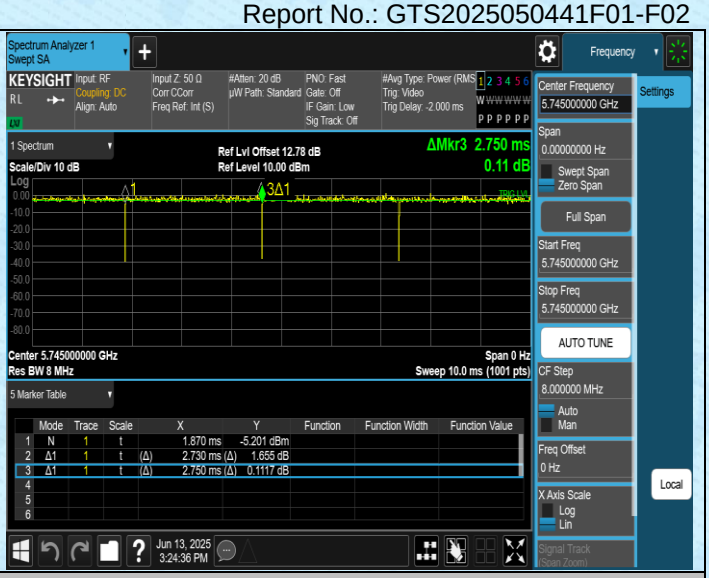
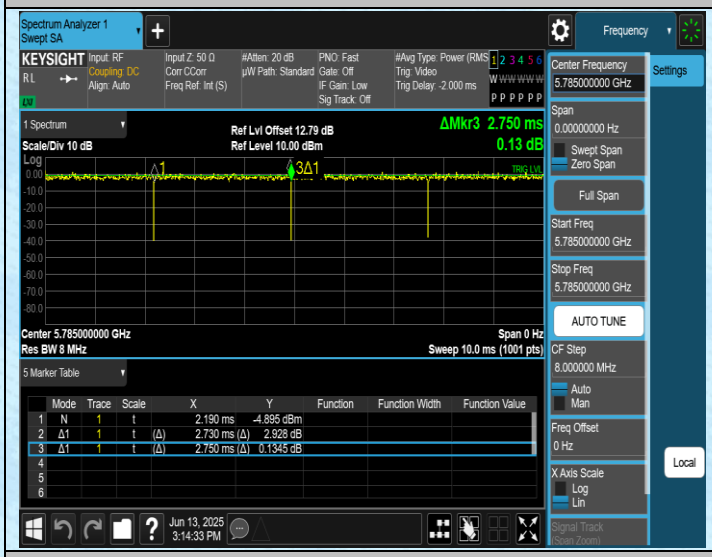
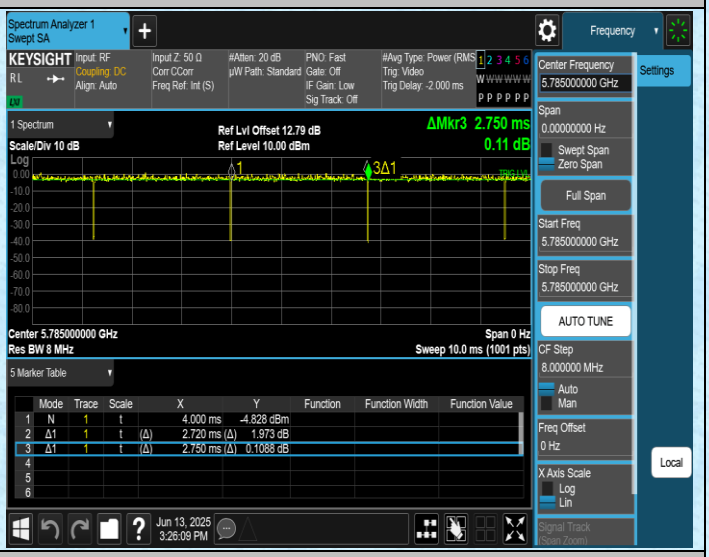


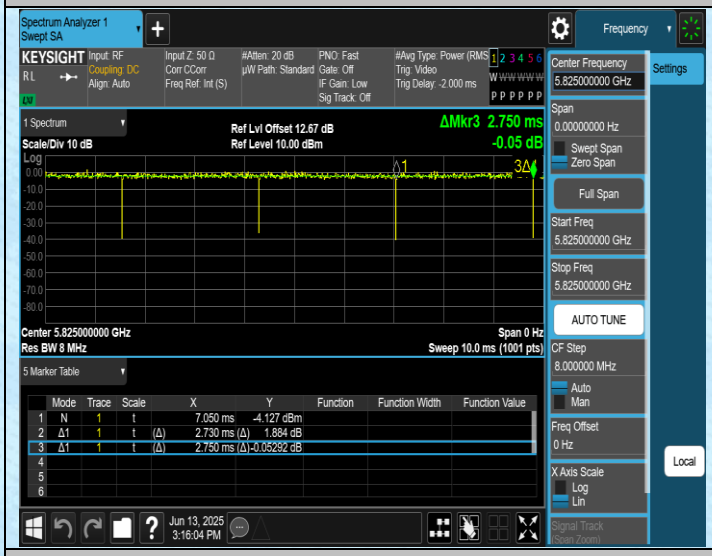
NTNV-11A-Ant2-5745



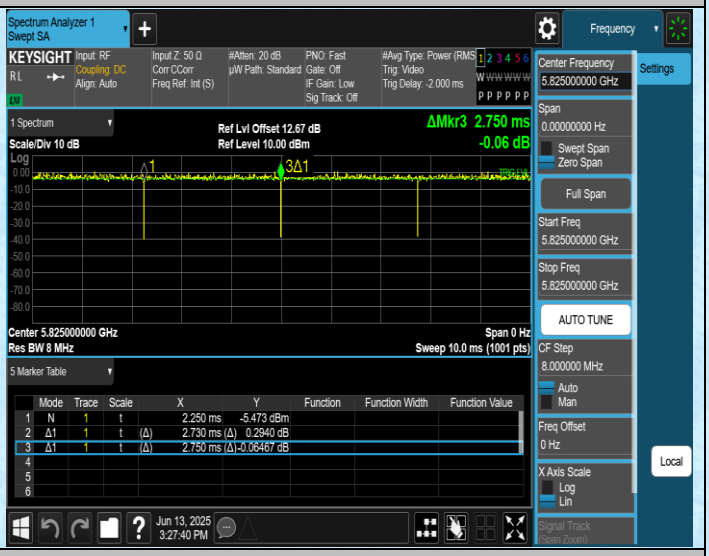
NTNV-11A-Ant1-5785



NTNV-11A-Ant2-5785



NTNV-11A-Ant1-5825



NTNV-11A-Ant2-5825

AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Rate	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	6Mbps	-5.78	99.27	0.03	-5.75	≤23.98	PASS
11A	Ant2	5180	6Mbps	-6.39	98.91	0.05	-6.34	≤23.98	PASS
11A	Ant1	5200	6Mbps	-5.67	98.91	0.05	-5.62	≤23.98	PASS
11A	Ant2	5200	6Mbps	-6.15	98.91	0.05	-6.10	≤23.98	PASS
11A	Ant1	5240	6Mbps	-5.64	98.91	0.05	-5.59	≤23.98	PASS
11A	Ant2	5240	6Mbps	-5.84	99.27	0.03	-5.81	≤23.98	PASS
11A	Ant1	5745	6Mbps	-4.70	99.27	0.03	-4.67	≤30.00	PASS
11A	Ant2	5745	6Mbps	-4.98	99.27	0.03	-4.95	≤30.00	PASS
11A	Ant1	5785	6Mbps	-4.53	99.27	0.03	-4.50	≤30.00	PASS
11A	Ant2	5785	6Mbps	-5.29	98.91	0.05	-5.24	≤30.00	PASS
11A	Ant1	5825	6Mbps	-4.70	99.27	0.03	-4.67	≤30.00	PASS
11A	Ant2	5825	6Mbps	-5.70	99.27	0.03	-5.67	≤30.00	PASS

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

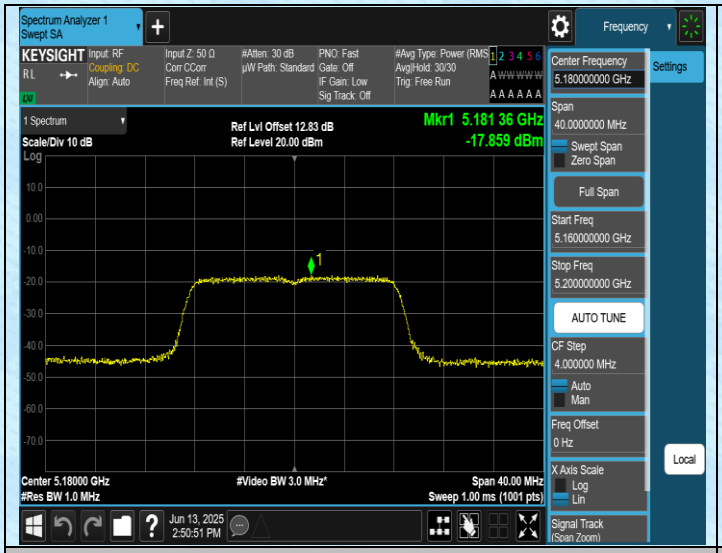
AppendixD: Maximum power spectral density

Test Result

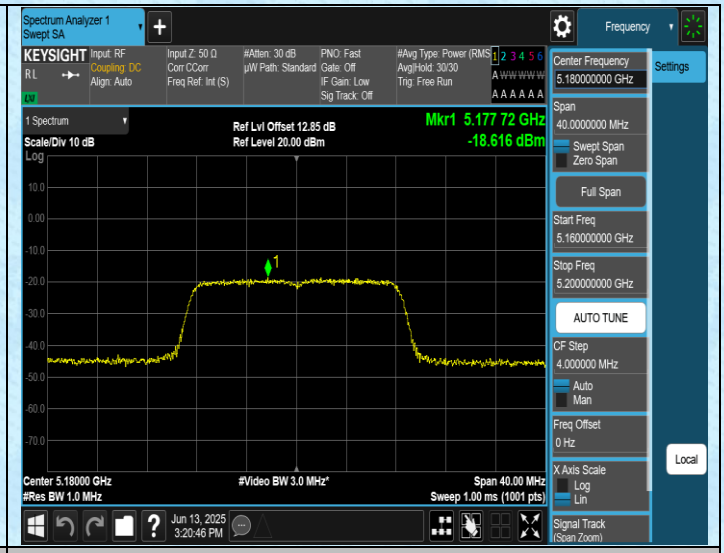
Test Mode	Antenna	Frequency [MHz]	Rate	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6Mbps	-17.86	≤11.00	PASS
11A	Ant2	5180	6Mbps	-18.62	≤11.00	PASS
11A	Ant1	5200	6Mbps	-17.97	≤11.00	PASS
11A	Ant2	5200	6Mbps	-18.7	≤11.00	PASS
11A	Ant1	5240	6Mbps	-17.88	≤11.00	PASS
11A	Ant2	5240	6Mbps	-18	≤11.00	PASS
11A	Ant1	5745	6Mbps	-19.3	≤30.00	PASS
11A	Ant2	5745	6Mbps	-19.96	≤30.00	PASS
11A	Ant1	5785	6Mbps	-19.37	≤30.00	PASS
11A	Ant2	5785	6Mbps	-20.33	≤30.00	PASS
11A	Ant1	5825	6Mbps	-20.14	≤30.00	PASS
11A	Ant2	5825	6Mbps	-20.86	≤30.00	PASS

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

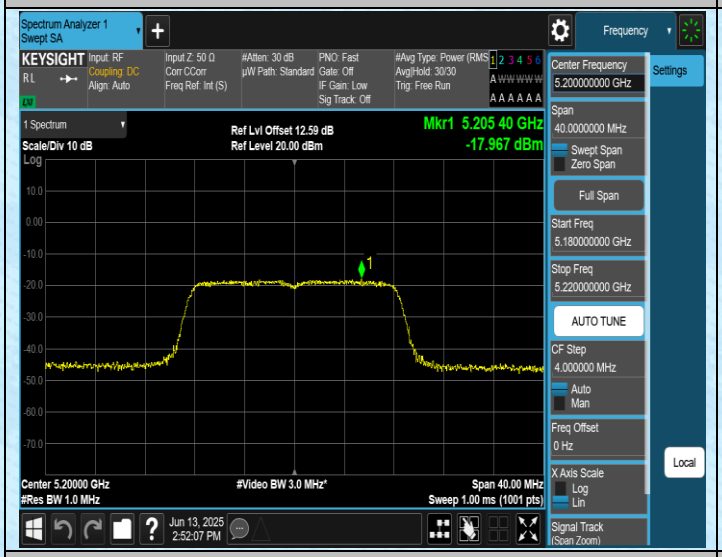
Test Graphs



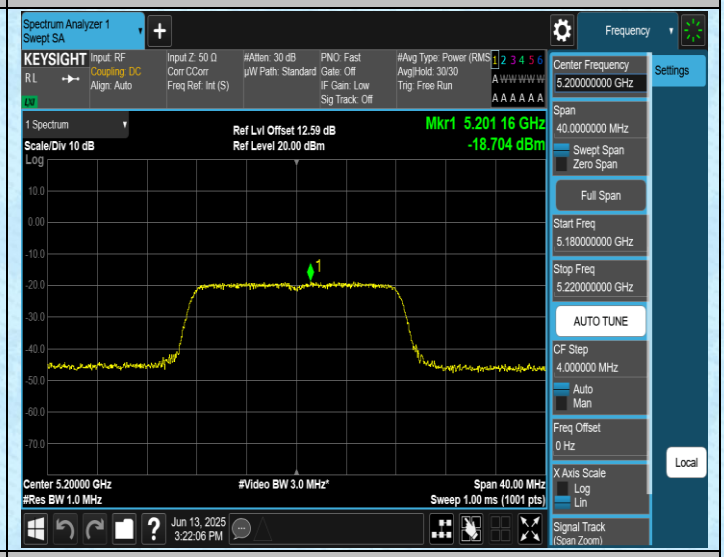
11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



11A-Ant1-5200-PASS



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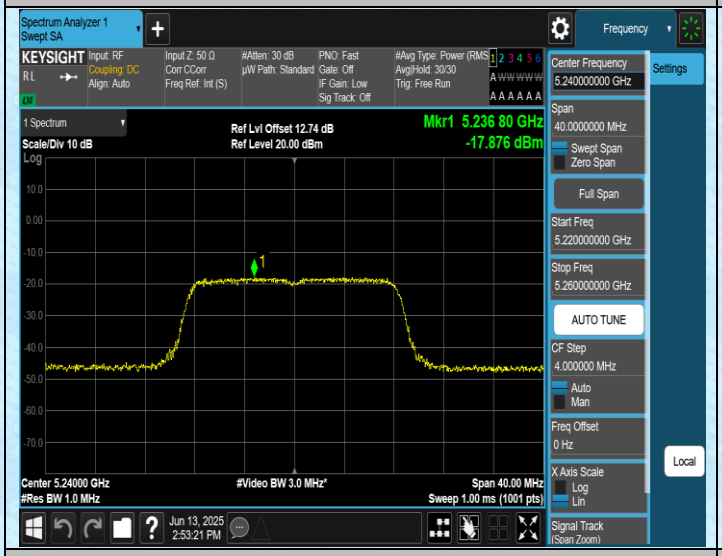
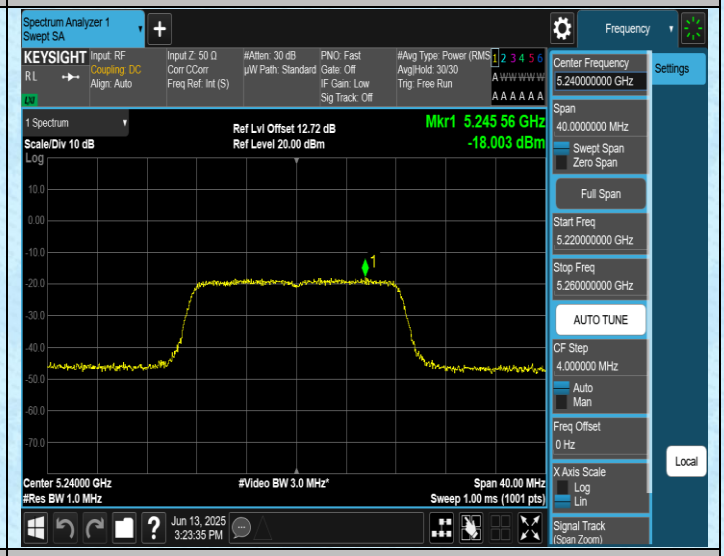


11A-Ant1-5240-PASS



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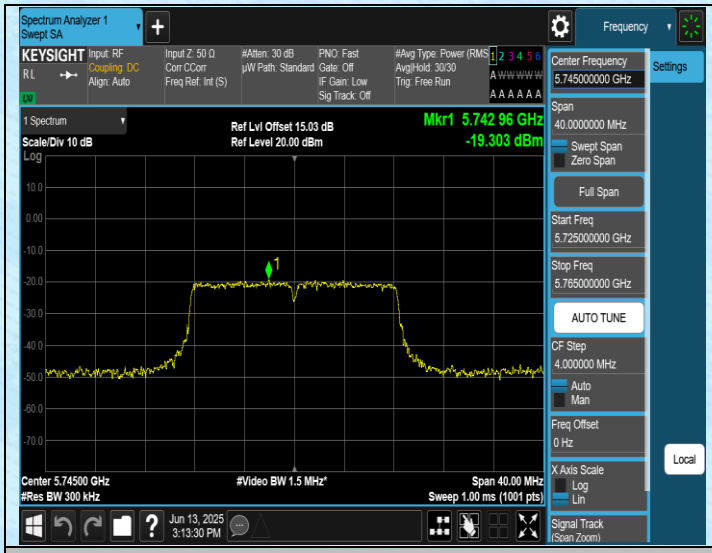

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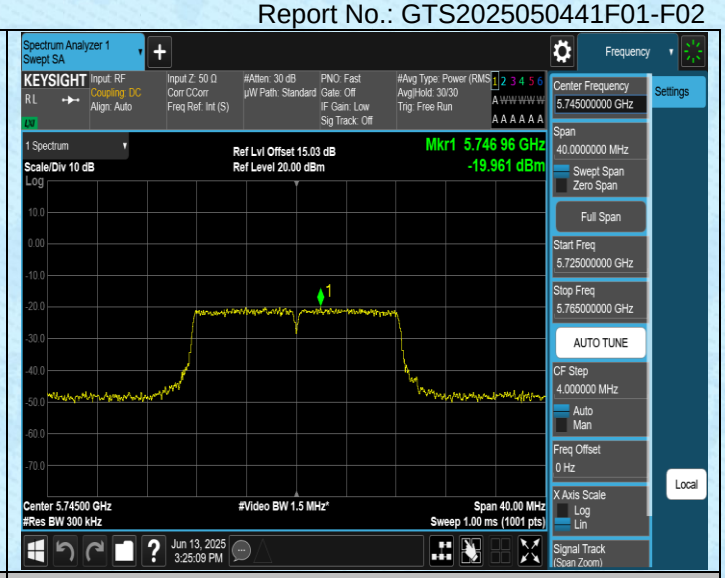
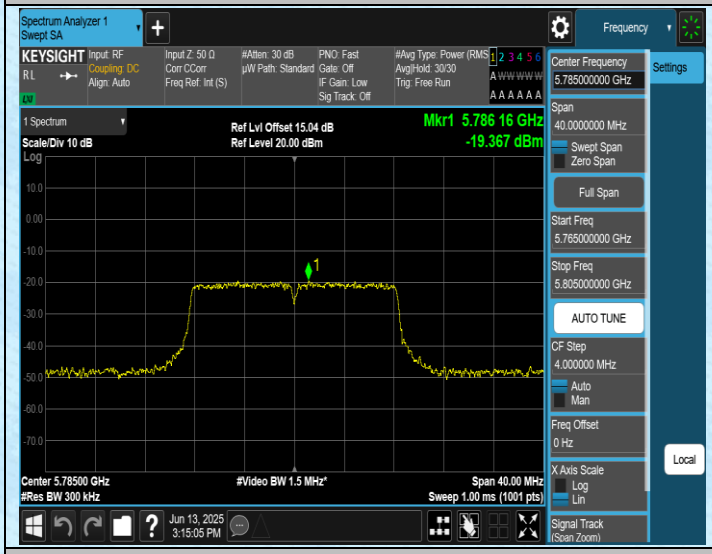


11A-Ant2-5745-PASS



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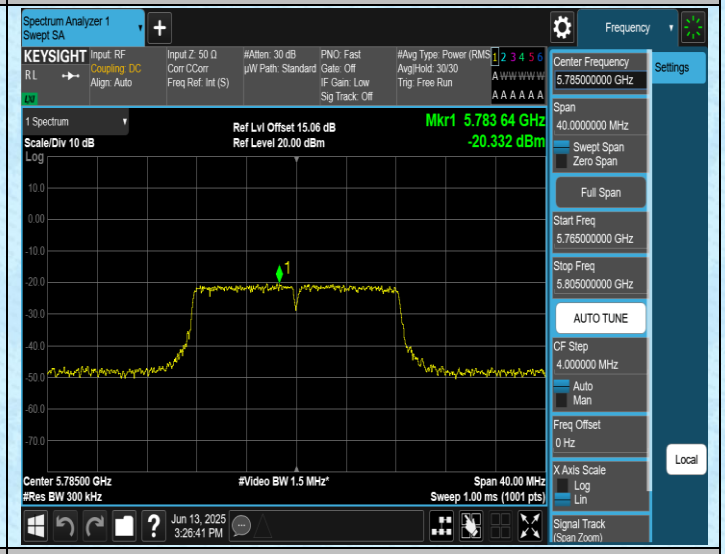
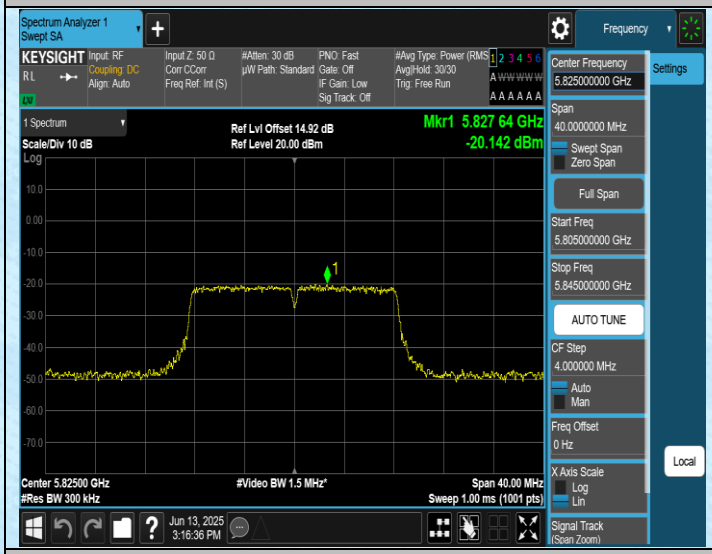
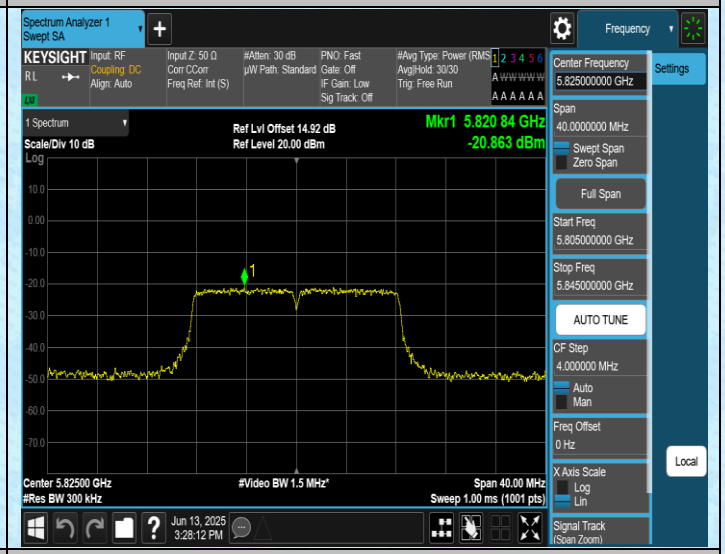


11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS

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