

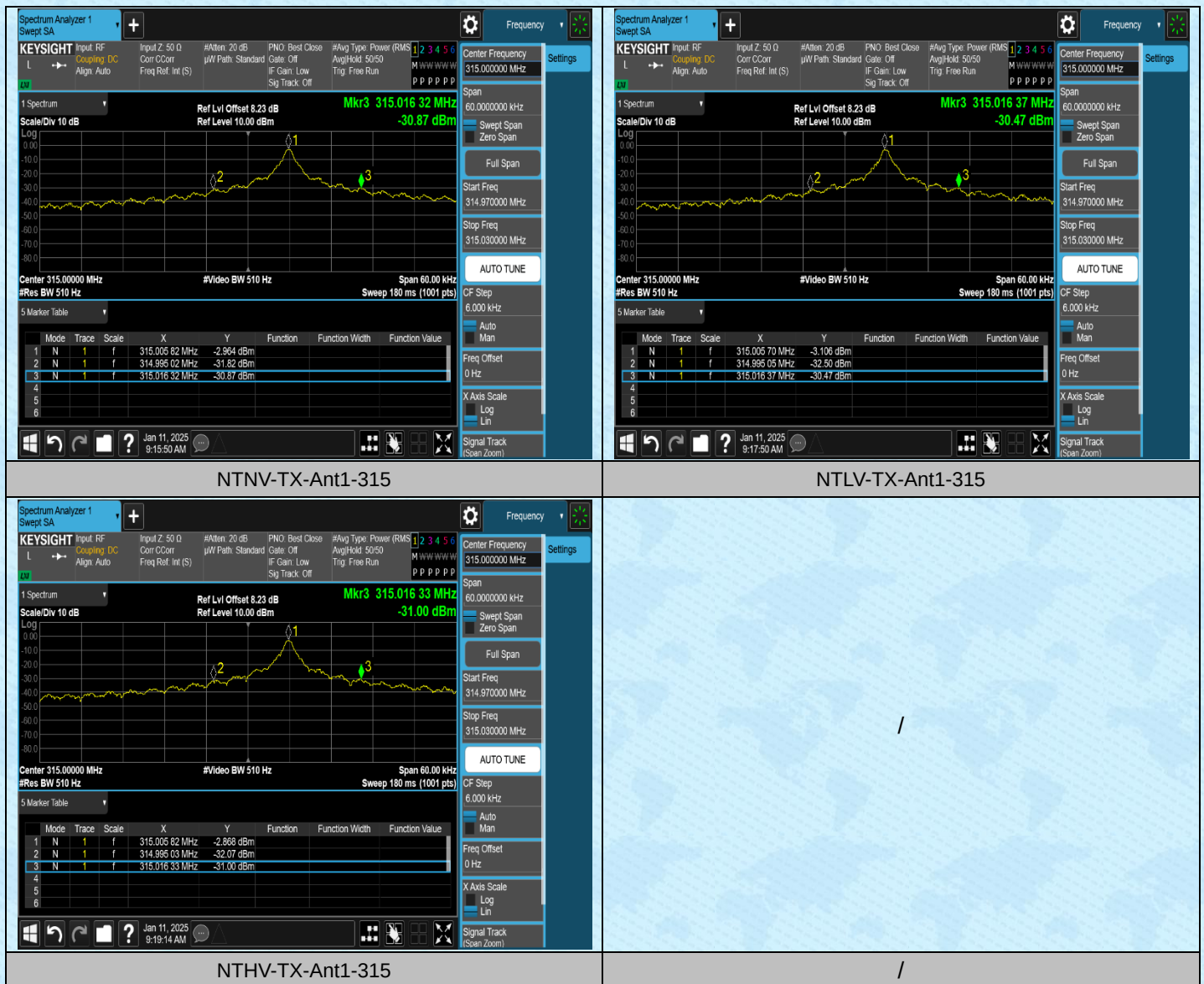
AppendixA: Frequency Error

Test Result

Test Condition	TestMode	Antenna	CenterFreq [MHz]	FL [MHz]	FH [MHz]	Result [MHz]	Limit[MHz]	Verdict
NTNV	TX	Ant1	315	314.995020	315.016320	315.00567	312 to 315.25	PASS
NTLV	TX	Ant1	315	314.995050	315.016370	315.00571	312 to 315.25	PASS
NTHV	TX	Ant1	315	314.995030	315.016330	315.00568	312 to 315.25	PASS

Note: Result =(FL+FH)/2

Test Graphs



AppendixB: AntennaPower**Test Result**

Test Condition	TestMode	Antenna	Freq [MHz]	Result [dBm]	Result [mW]	Limit [mW]	Verdict
NTNV	TX	Ant1	315	-8.70	0.135	≤0.25	PASS
NTLV	TX	Ant1	315	-8.60	0.138	≤0.25	PASS
NTHV	TX	Ant1	315	-8.70	0.135	≤0.25	PASS

Test Condition	Test Mode	Antenna	Freq [MHz]	Power [mW]	RatedPower [mW]	Result [%]	Limit [%]	Verdict
NTNV	TX	Ant1	315	0.135	0.20	-32.50	+20	PASS
NTLV	TX	Ant1	315	0.138	0.20	-31.00	+20	PASS
NTHV	TX	Ant1	315	0.135	0.20	-32.50	+20	PASS

Test Condition	TestMode	Antenna	Freq [MHz]	Result [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
NTNV	TX	Ant1	315	-8.70	-8.18	≤-6.02	PASS
NTLV	TX	Ant1	315	-8.60	-8.08	≤-6.02	PASS
NTHV	TX	Ant1	315	-8.70	-8.18	≤-6.02	PASS

AppendixC: Occupied Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq[MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	TX	Ant1	315	0.020	≤1	PASS
NTHV	TX	Ant1	315	0.021	≤1	PASS
NTLV	TX	Ant1	315	0.020	≤1	PASS

Test Graphs

Center Frequency 315.000000 MHz Span 60.000 kHz CF Step 6.000 kHz Auto Man Freq Offset 0 Hz Occupied Bandwidth 20.216 kHz Total Power 1.11 dBm Transmit Freq Error 6.016 kHz x dB Bandwidth 1.524 kHz % of OBW Power 99.00 % x dB -6.00 dB	Center Frequency 315.000000 MHz Span 60.000 kHz CF Step 6.000 kHz Auto Man Freq Offset 0 Hz Occupied Bandwidth 20.659 kHz Total Power 1.01 dBm Transmit Freq Error 6.066 kHz x dB Bandwidth 1.485 kHz % of OBW Power 99.00 % x dB -6.00 dB
NTNV-TX-Ant1-315-PASS	NTHV-TX-Ant1-315-PASS
Center Frequency 315.000000 MHz Span 60.000 kHz CF Step 6.000 kHz Auto Man Freq Offset 0 Hz Occupied Bandwidth 20.486 kHz Total Power 1.11 dBm Transmit Freq Error 6.062 kHz x dB Bandwidth 1.422 kHz % of OBW Power 99.00 % x dB -6.00 dB	/
NTLV-TX-Ant1-315-PASS	/

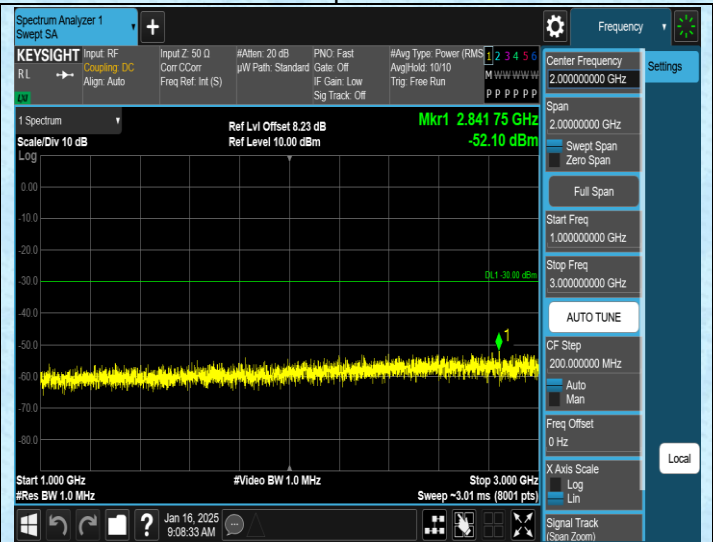
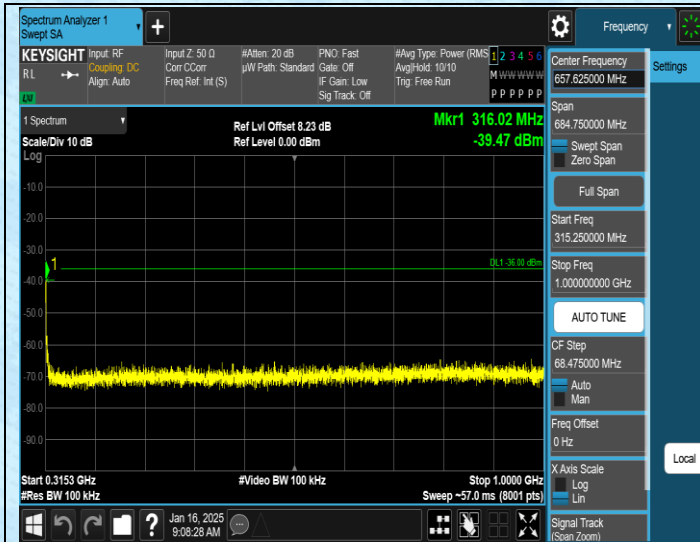
AppendixE:Spurious Emission of TX

Test Result

Test Condition	TestMode	Antenna	Freq[MHz]	Freq.Range [MHz]	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	TX	Ant1	315	30~312	103.99	-63.93	≤-36	0.00040	≤0.25	PASS
NTNV	TX	Ant1	315	315.25~1000	315.25	-40.04	≤-36	0.09908	≤0.25	PASS
NTNV	TX	Ant1	315	1000~3000	2837.50	-52.15	≤-30	0.00610	≤1.00	PASS
NTHV	TX	Ant1	315	30~312	103.99	-63.77	≤-36	0.00042	≤0.25	PASS
NTHV	TX	Ant1	315	315.25~1000	316.02	-39.47	≤-36	0.11298	≤0.25	PASS
NTHV	TX	Ant1	315	1000~3000	2841.75	-52.10	≤-30	0.00617	≤1.00	PASS
NTLV	TX	Ant1	315	30~312	103.99	-64.02	≤-36	0.00040	≤0.25	PASS
NTLV	TX	Ant1	315	315.25~1000	315.34	-40.78	≤-36	0.08356	≤0.25	PASS
NTLV	TX	Ant1	315	1000~3000	2445.25	-52.16	≤-30	0.00608	≤1.00	PASS

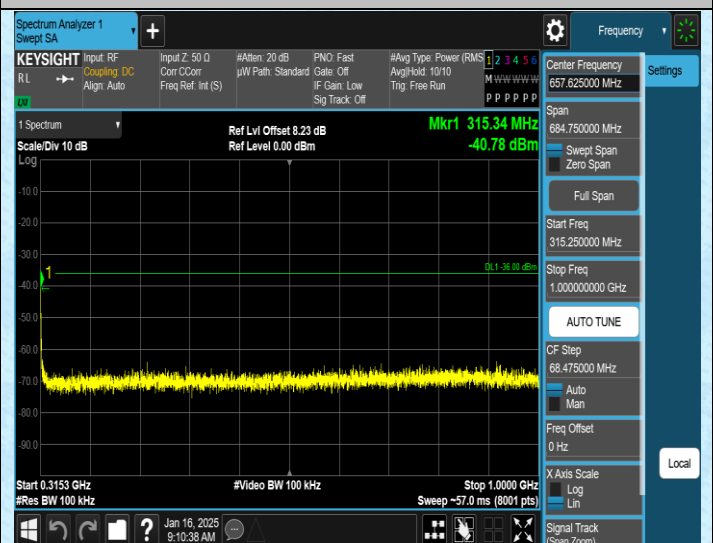
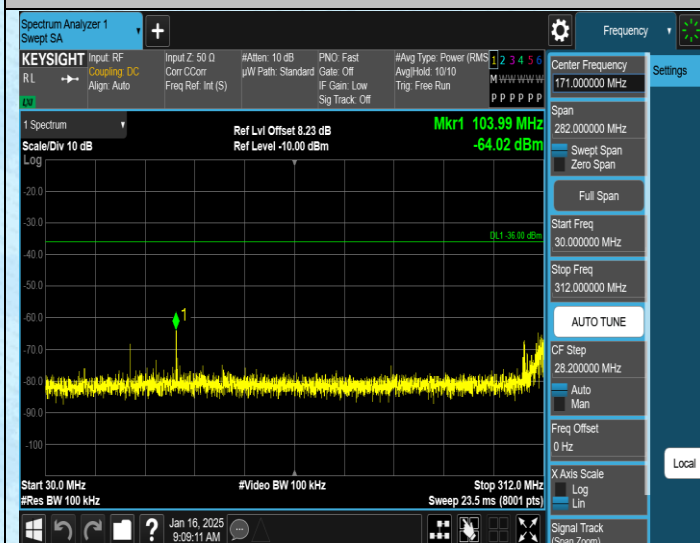
Test Graphs





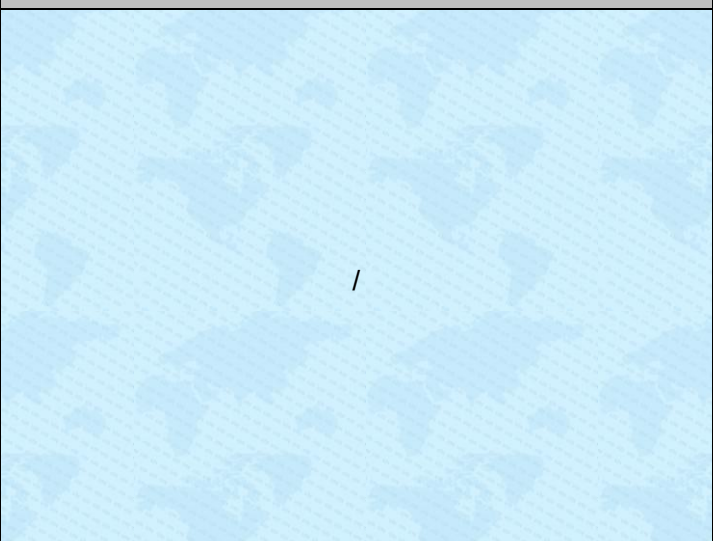
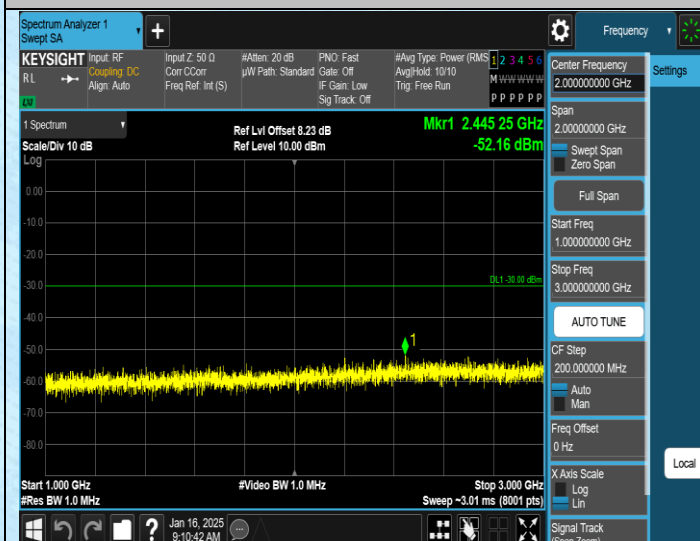
NTHV-TX-Ant1-315-315.25~1000-PASS

NTHV-TX-Ant1-315-1000~3000-PASS



NTLV-TX-Ant1-315-30~312-PASS

NTLV-TX-Ant1-315-315.25~1000-PASS



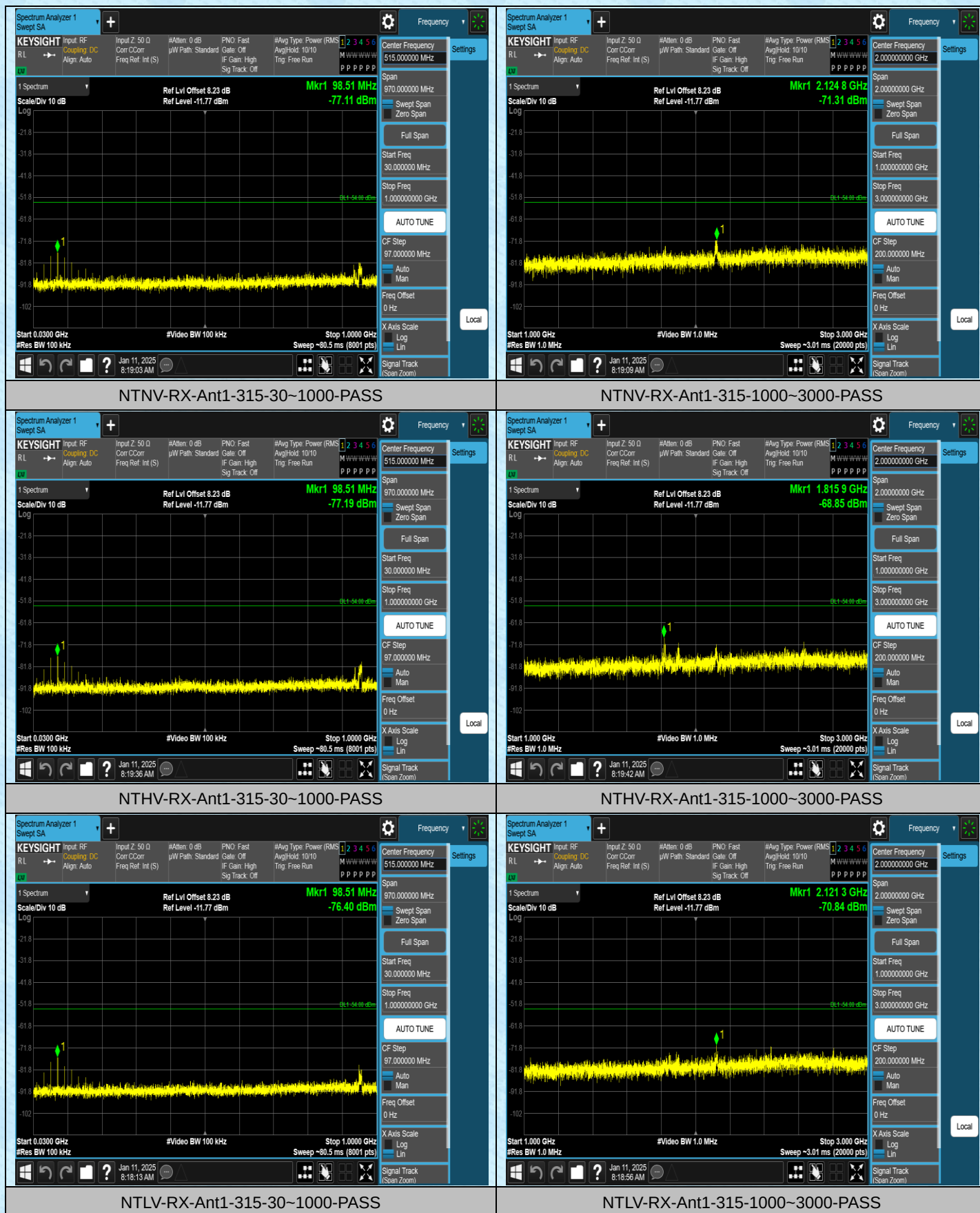
NTLV-TX-Ant1-315-1000~3000-PASS

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AppendixF:Spurious Emission of RX**Test Result**

Test Condition	TestMode	Antenna	Freq[MHz]	Freq.Range [MHz]	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	RX	Ant1	315	30~1000	98.51	-77.11	≤-54	0.01945	≤4	PASS
NTNV	RX	Ant1	315	1000~3000	2124.76	-71.31	≤-54	0.07396	≤4	PASS
NTHV	RX	Ant1	315	30~1000	98.51	-77.19	≤-54	0.01910	≤4	PASS
NTHV	RX	Ant1	315	1000~3000	1815.94	-68.85	≤-54	0.13032	≤4	PASS
NTLV	RX	Ant1	315	30~1000	98.51	-76.40	≤-54	0.02291	≤4	PASS
NTLV	RX	Ant1	315	1000~3000	2121.26	-70.84	≤-54	0.08241	≤4	PASS

Test Graphs

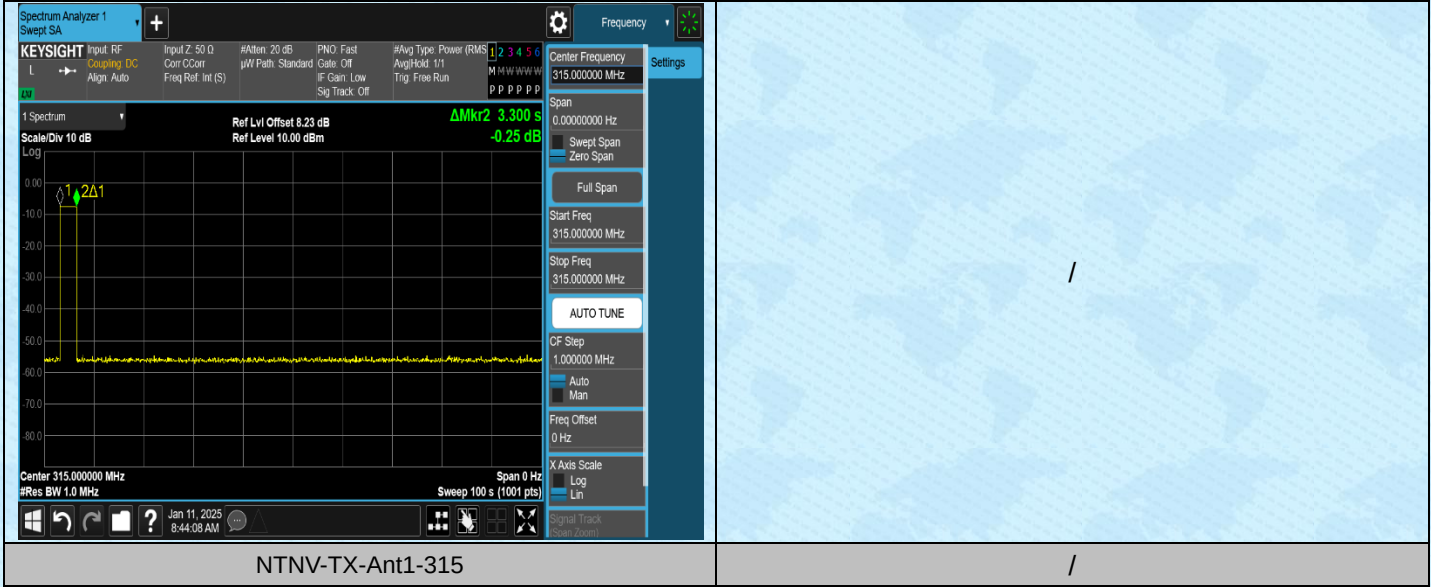


AppendixF: Transmission Time Restriction

Test Result

Test Condition	TestMode	Antenna	Freq[MHz]	Result [s]	Limit [s]	Verdict
NTNV	TX	Ant1	315	3.3	≤90	PASS

Test Graphs



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