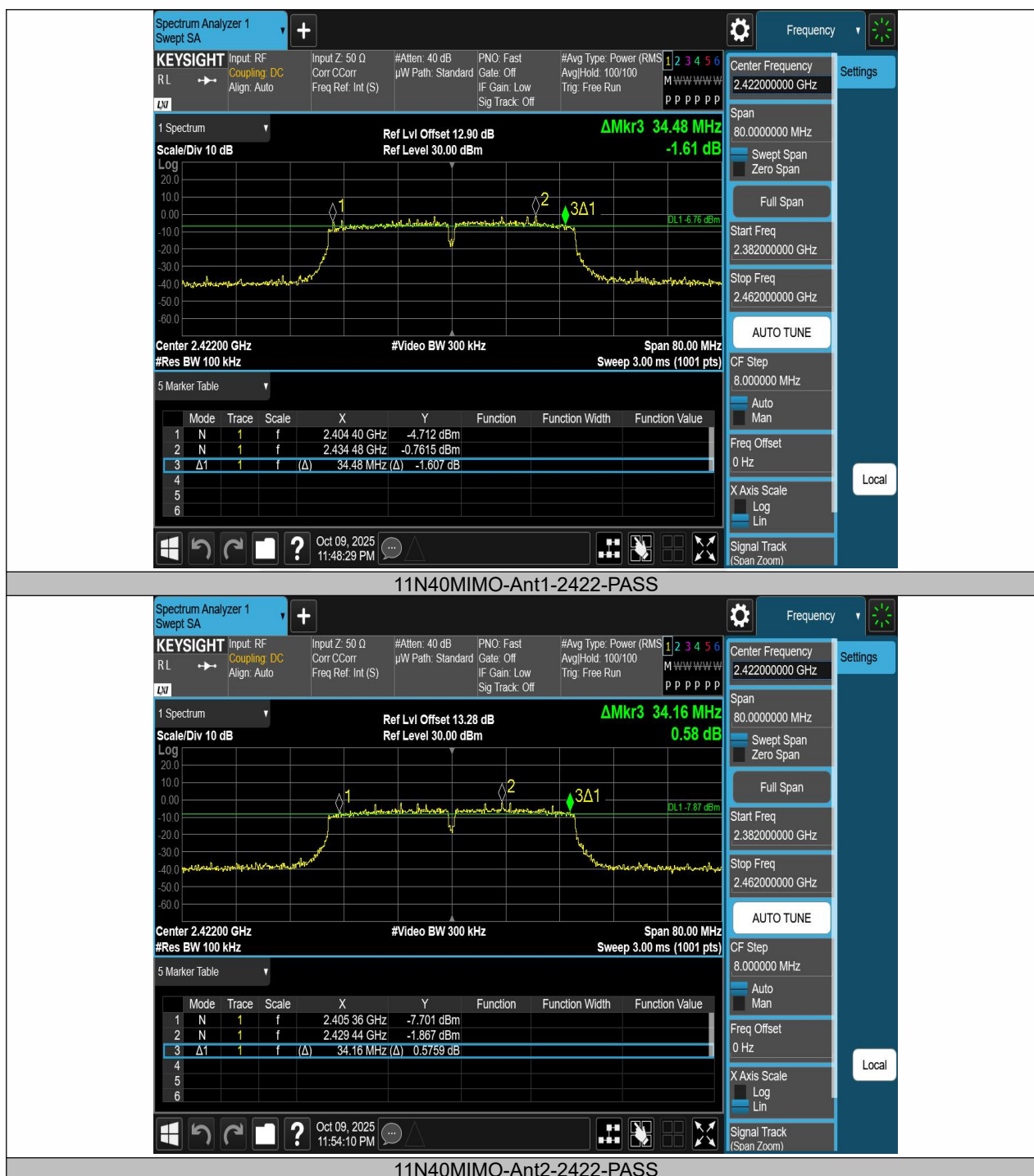
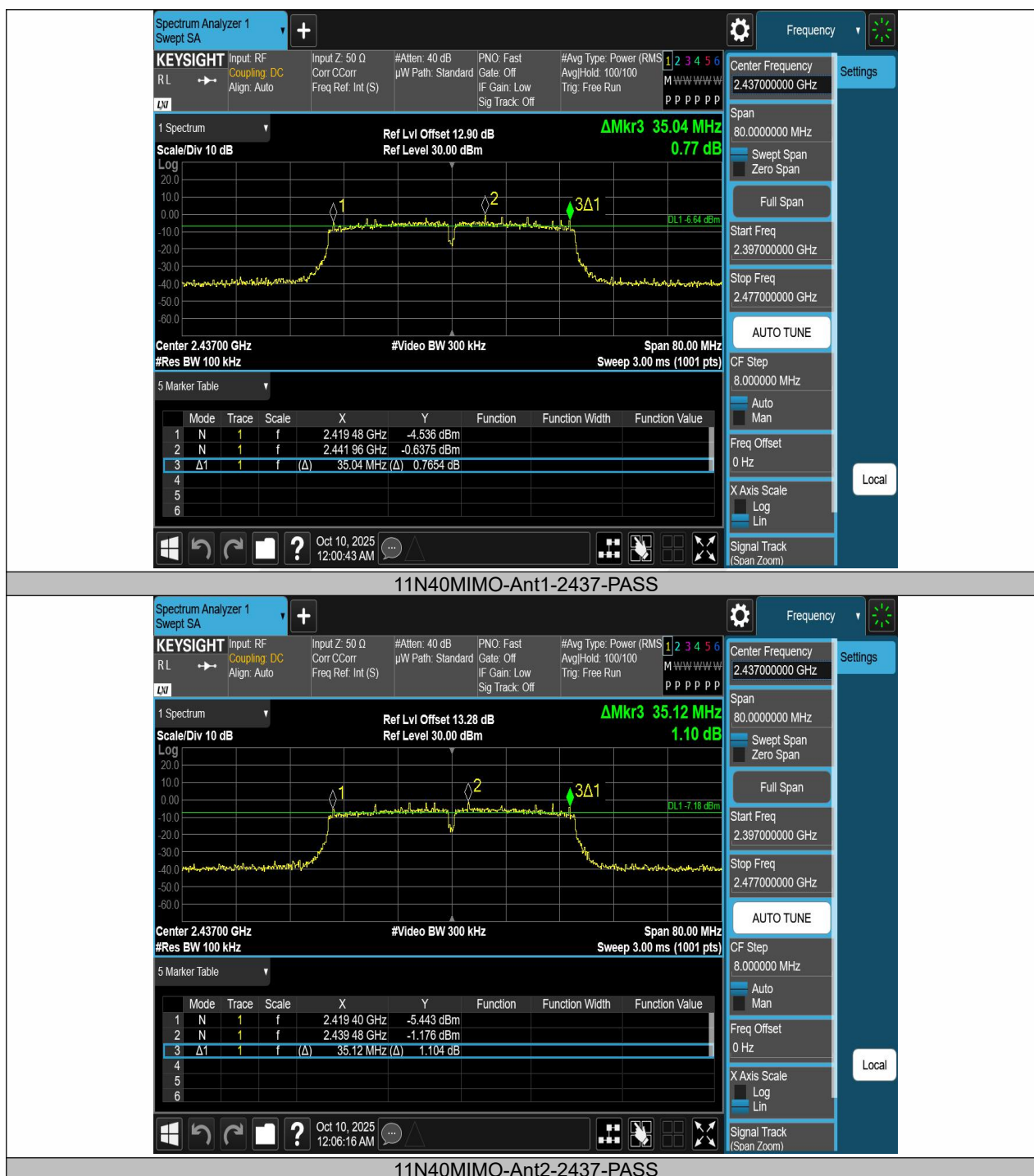
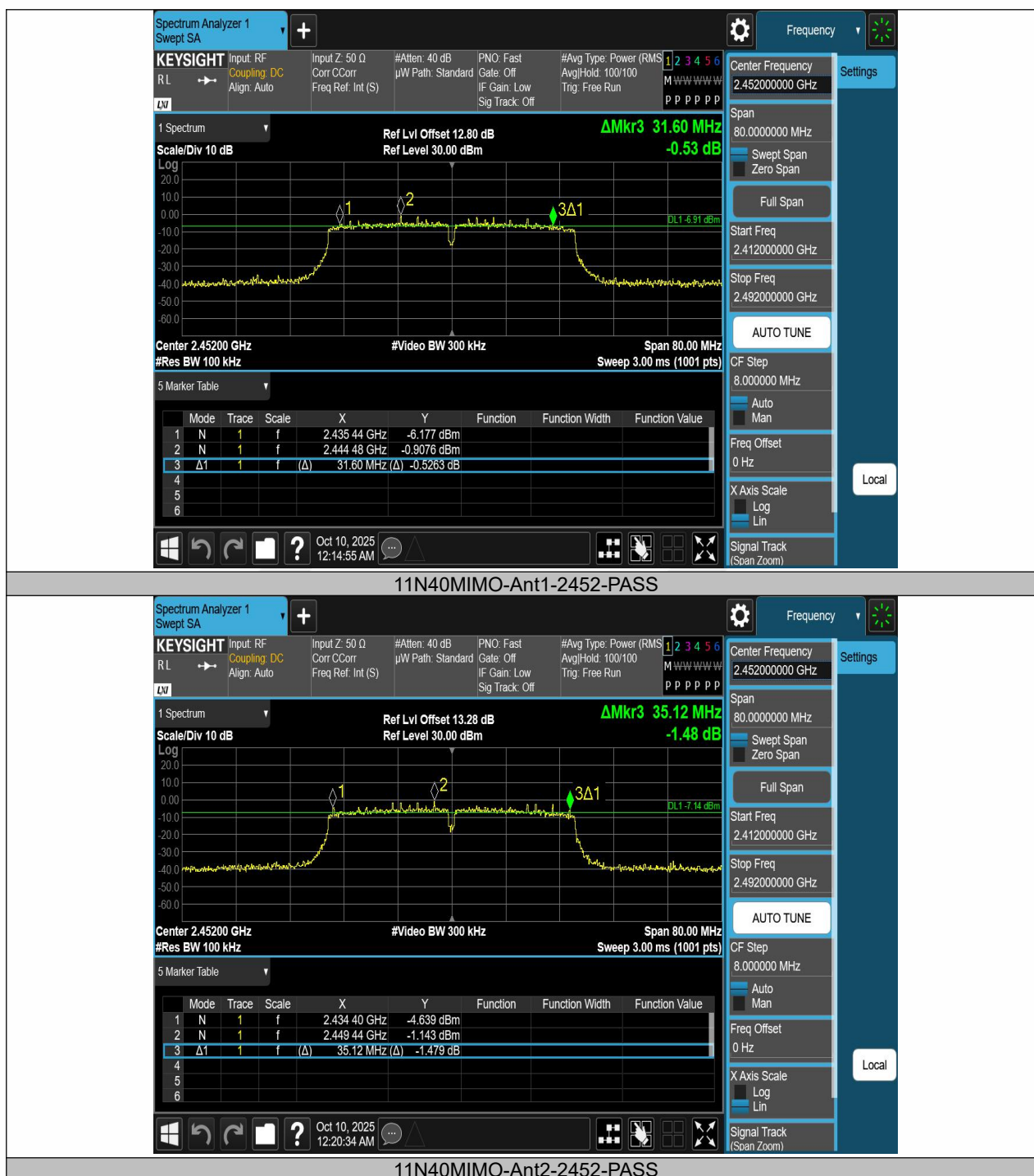








8.2 DTS 99% BANDWIDTH

8.2.1 Applicable Standard

According to RSS-Gen 6.7 and KDB 558074 D01 DTS Meas Guidance v05r02

8.2.2 Test Configuration

Test according to clause 7.1 radio frequency test setup 1

8.2.3 Test Procedure

The EUT was operating in Bluetooth mode and controlled its channel. Printed out the test result from the spectrum by hard copy function.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously

Set RBW = 1%-5% OBW.

Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.

Set Span=approximately 2 to 3 times the 20 dB bandwidth.

Set Detector = Peak.

Set Trace mode = max hold.

Set Sweep = auto couple.

Allow the trace to stabilize.

Use the 99 % power bandwidth function of the instrument

Measure the maximum width of the emission.

If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation.

Measure and record the results in the test report.

8.2.4 Test Results

Temperature:	25°C
Relative Humidity:	45%
ATM Pressure:	1011 mbar

Note: N/A

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.691	2404.6776	2419.3686	---	---
11B	Ant2	2412	14.760	2404.5945	2419.3545	---	---
11B	Ant1	2437	14.717	2429.6115	2444.3285	---	---
11B	Ant2	2437	14.717	2429.6359	2444.3529	---	---
11B	Ant1	2462	14.813	2454.5444	2469.3574	---	---
11B	Ant2	2462	14.760	2454.5464	2469.3064	---	---
11G	Ant1	2412	16.782	2403.6602	2420.4422	---	---
11G	Ant2	2412	16.757	2403.6050	2420.3620	---	---
11G	Ant1	2437	16.692	2428.6336	2445.3256	---	---
11G	Ant2	2437	16.762	2428.6286	2445.3906	---	---
11G	Ant1	2462	16.760	2453.5731	2470.3331	---	---
11G	Ant2	2462	16.810	2453.5605	2470.3705	---	---
11N20SISO	Ant1	2412	17.939	2403.0496	2420.9886	---	---
11N20SISO	Ant2	2412	17.902	2403.0344	2420.9364	---	---
11N20SISO	Ant1	2437	17.864	2428.0562	2445.9202	---	---
11N20SISO	Ant2	2437	17.798	2428.0862	2445.8842	---	---
11N20SISO	Ant1	2462	17.903	2453.0149	2470.9179	---	---
11N20SISO	Ant2	2462	17.913	2452.9771	2470.8901	---	---
11N20MIMO	Ant1	2412	17.945	2403.0169	2420.9619	---	---
11N20MIMO	Ant2	2412	17.837	2403.0231	2420.8601	---	---
11N20MIMO	Ant1	2437	17.864	2428.0006	2445.8646	---	---
11N20MIMO	Ant2	2437	17.831	2428.0669	2445.8979	---	---
11N20MIMO	Ant1	2462	17.840	2453.0192	2470.8592	---	---
11N20MIMO	Ant2	2462	17.826	2453.0276	2470.8536	---	---
11N40SISO	Ant1	2422	36.144	2403.9648	2440.1088	---	---
11N40SISO	Ant2	2422	36.243	2403.8579	2440.1009	---	---
11N40SISO	Ant1	2437	36.155	2418.8668	2455.0218	---	---
11N40SISO	Ant2	2437	36.245	2418.7897	2455.0347	---	---
11N40SISO	Ant1	2452	36.247	2433.7407	2469.9877	---	---
11N40SISO	Ant2	2452	36.220	2433.7237	2469.9437	---	---
11N40MIMO	Ant1	2422	36.274	2403.8585	2440.1325	---	---
11N40MIMO	Ant2	2422	36.301	2403.8674	2440.1684	---	---
11N40MIMO	Ant1	2437	36.135	2418.8464	2454.9814	---	---
11N40MIMO	Ant2	2437	36.267	2418.8278	2455.0948	---	---
11N40MIMO	Ant1	2452	36.227	2433.7863	2470.0133	---	---
11N40MIMO	Ant2	2452	36.169	2433.8338	2470.0028	---	---

