3.5.5 The Result

Test Mode	Antenna	Frequency[MHz]	Maximum conducted output Power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	16.34	≤30.00	PASS
		2437	16.19	≤30.00	PASS
		2462	15.85	≤30.00	PASS
11G	Ant1	2412	**16.45**	≤30.00	PASS
		2437	16.27	≤30.00	PASS
		2462	15.91	≤30.00	PASS
11N20	Ant1	2412	14.94	≤30.00	PASS
		2437	14.75	≤30.00	PASS
		2462	14.41	≤30.00	PASS
11N40	Ant1	2422	15.45	≤30.00	PASS
		2437	15.24	≤30.00	PASS
		2452	15.15	≤30.00	PASS

3.6 Power Spectral Density

3.6.1 Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmitting.

3.6.2 Test Procedure

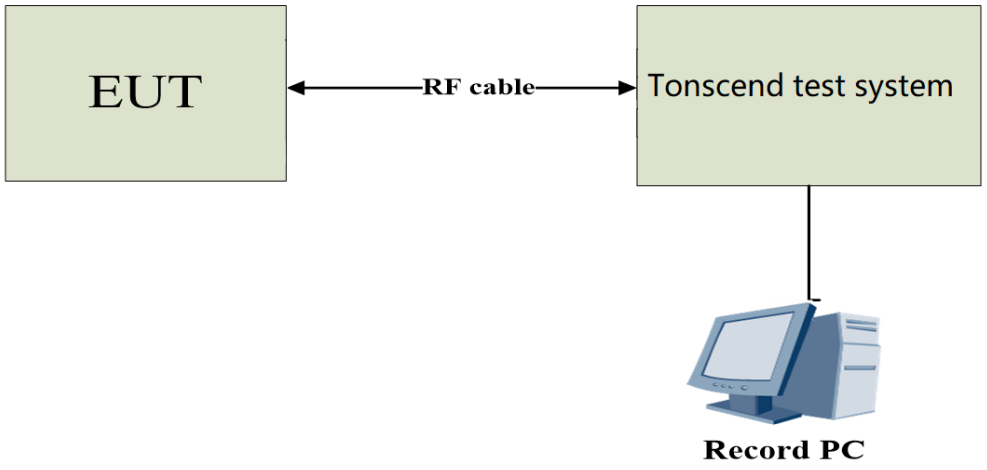
Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

a) The EUT was directly connected to the tonscend test system and antenna output port as show in the block diagram below.

b) Spectrum analyser settings as following:

Spectrum Parameters	Setting
Span Frequency	1.5 times the DTS bandwidth
RBW	3 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

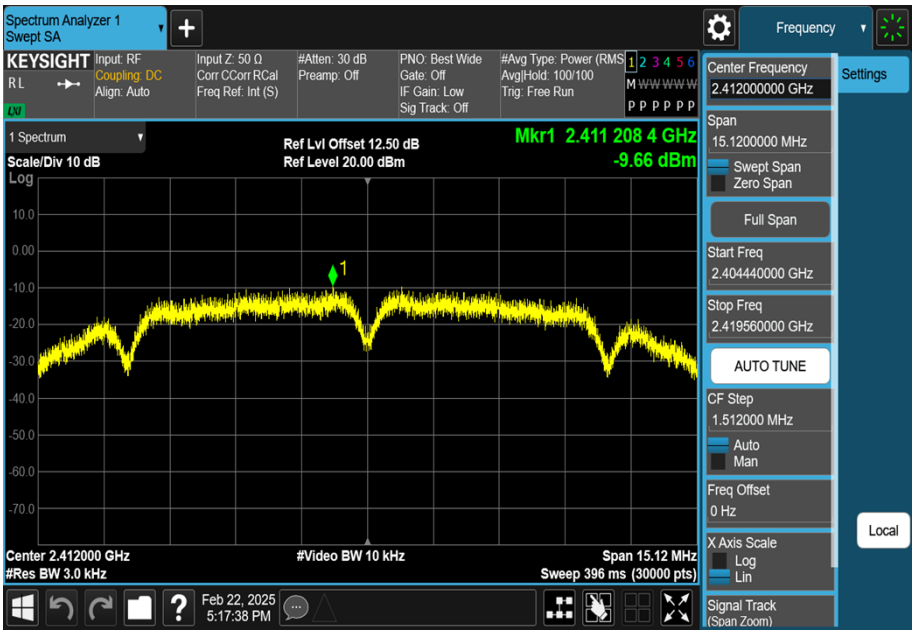
3.6.3 Test Setup



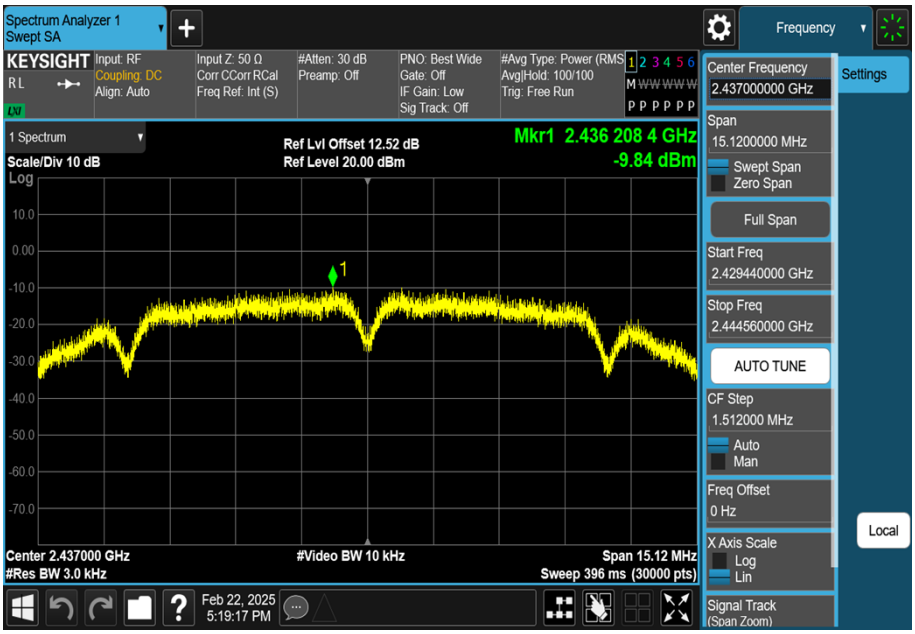
3.6.4 The Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.66	≤8.00	PASS
11B	Ant1	2437	-9.84	≤8.00	PASS
11B	Ant1	2462	-10.38	≤8.00	PASS
11G	Ant1	2412	-14.66	≤8.00	PASS
11G	Ant1	2437	-15.28	≤8.00	PASS
11G	Ant1	2462	-16.28	≤8.00	PASS
11N20	Ant1	2412	-15.25	≤8.00	PASS
11N20	Ant1	2437	-15.41	≤8.00	PASS
11N20	Ant1	2462	-15.76	≤8.00	PASS
11N40	Ant1	2422	-18.04	≤8.00	PASS
11N40	Ant1	2437	-18.31	≤8.00	PASS
11N40	Ant1	2452	-18.55	≤8.00	PASS

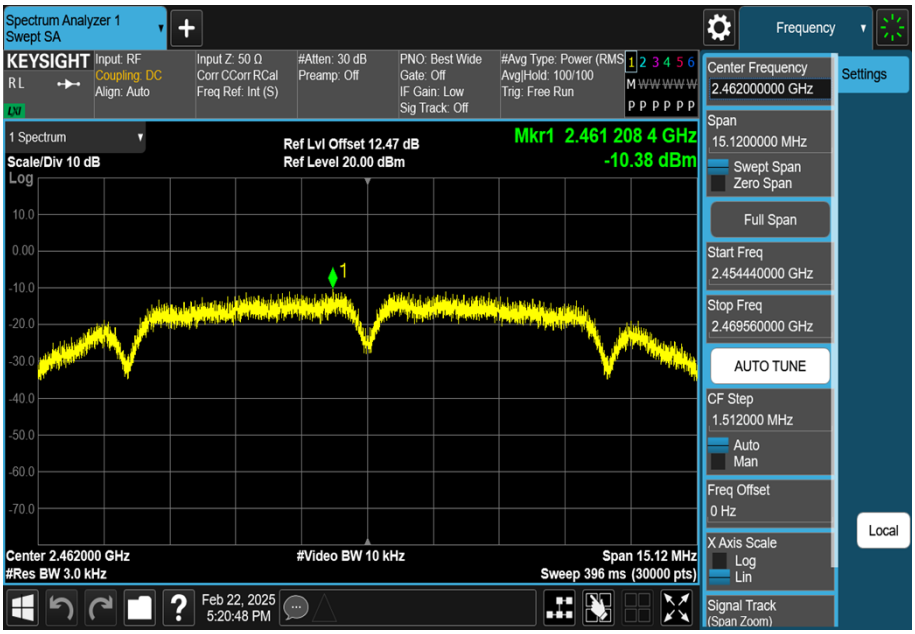
Note: The line loss are compensated in the test graph.



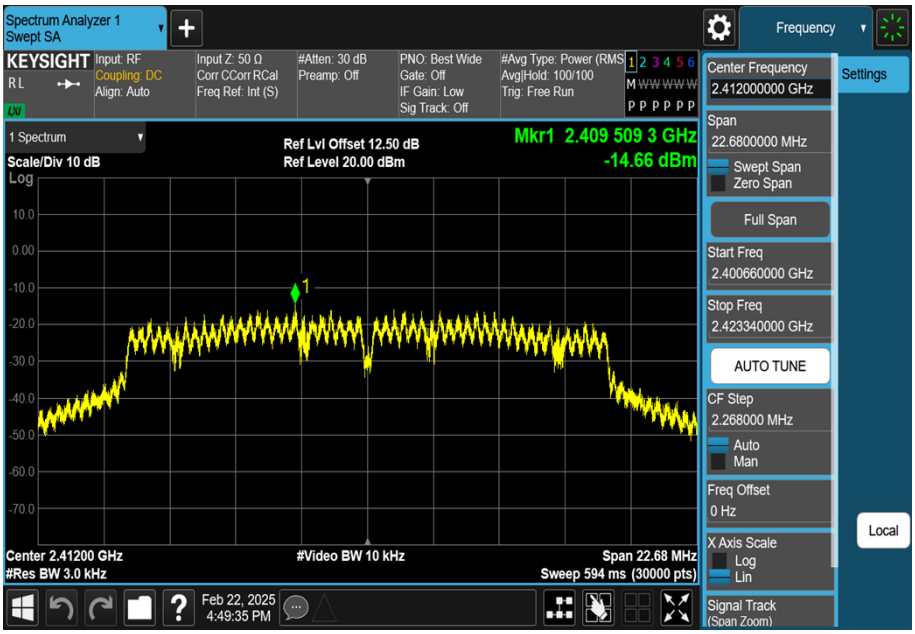
11B-Ant1-2412-PASS



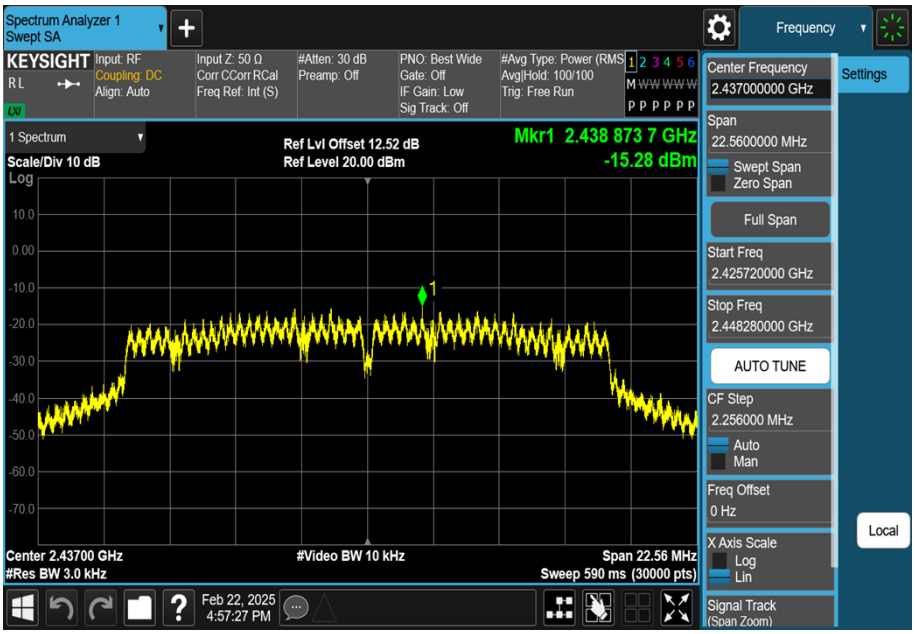
11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



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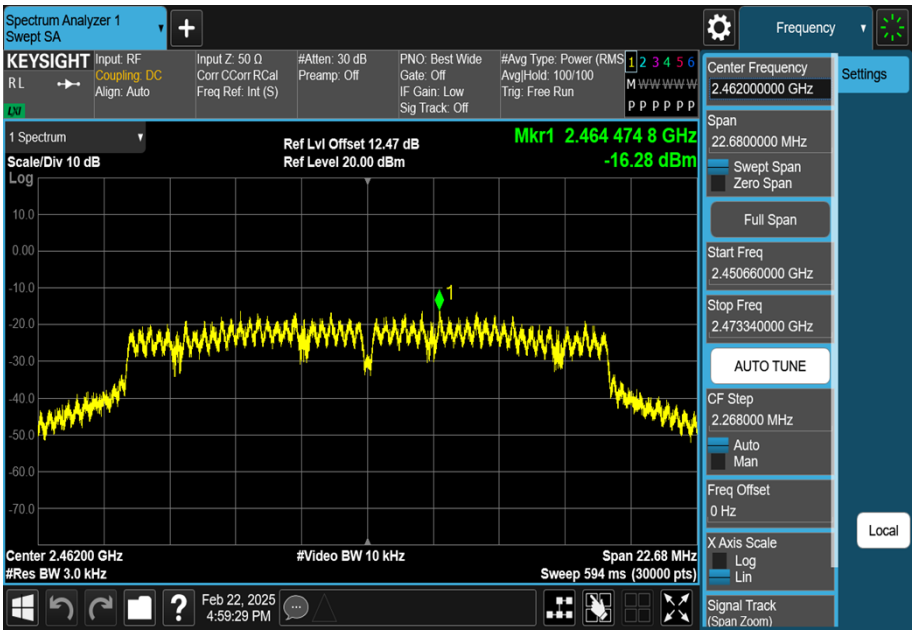
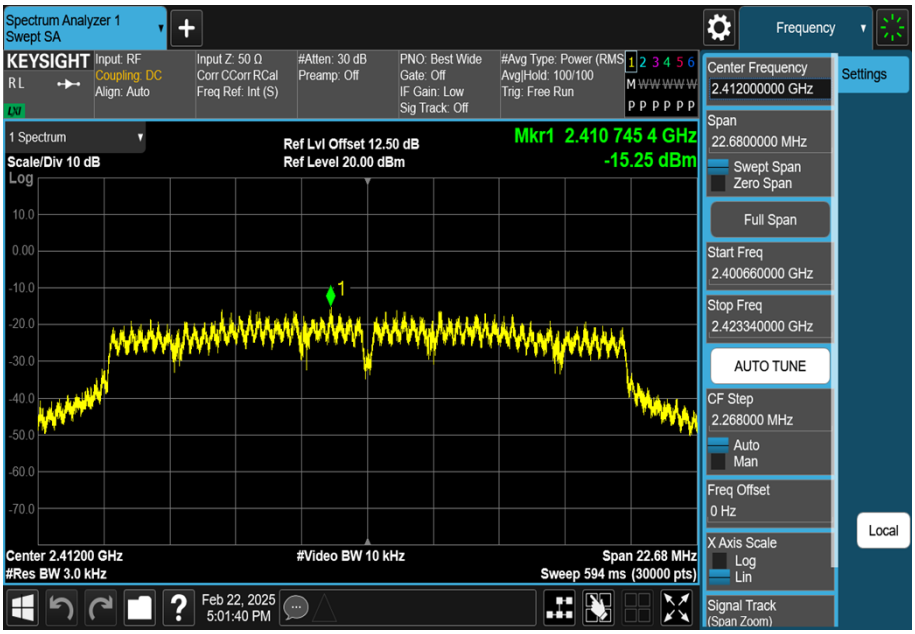


11G-Ant1-2462-PASS



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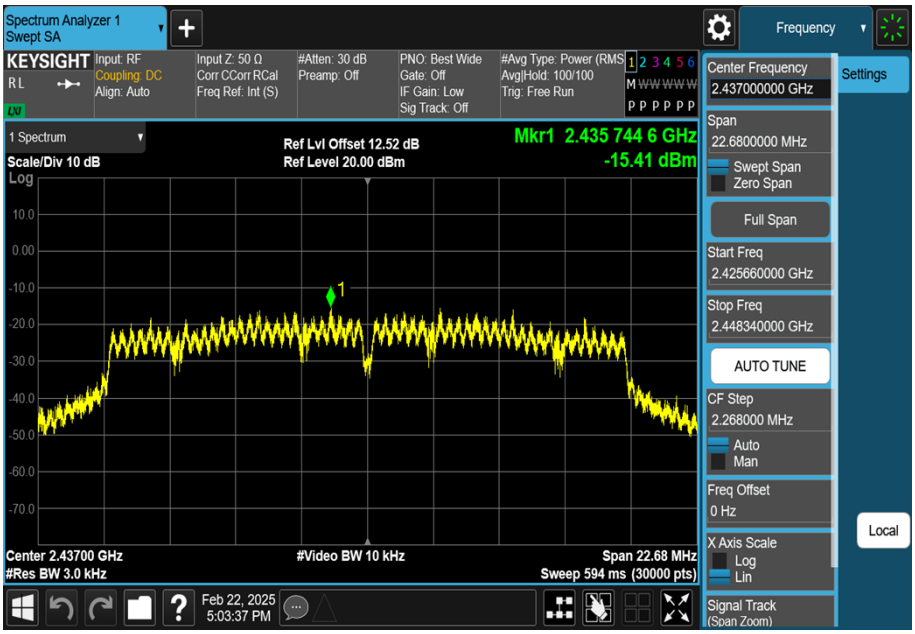
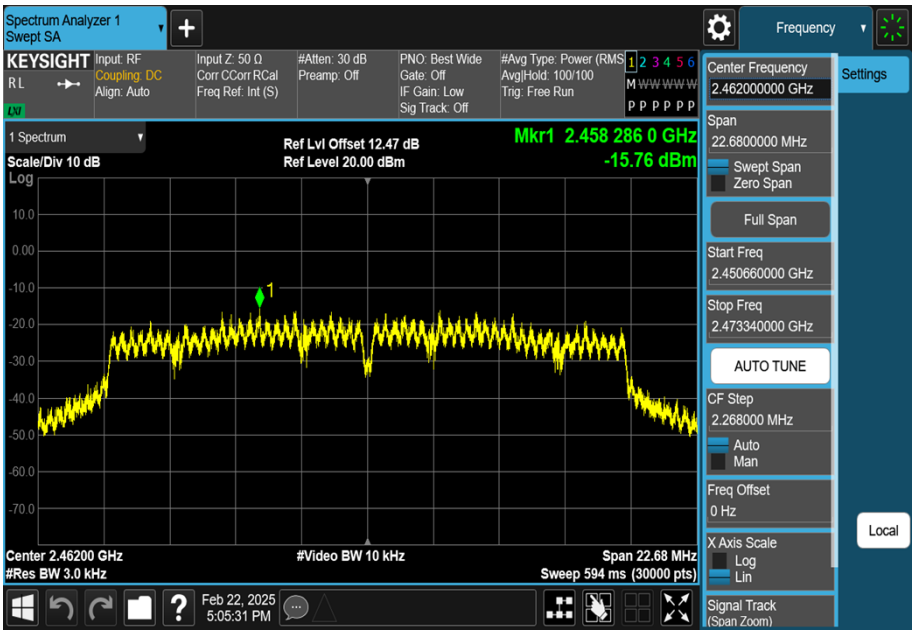
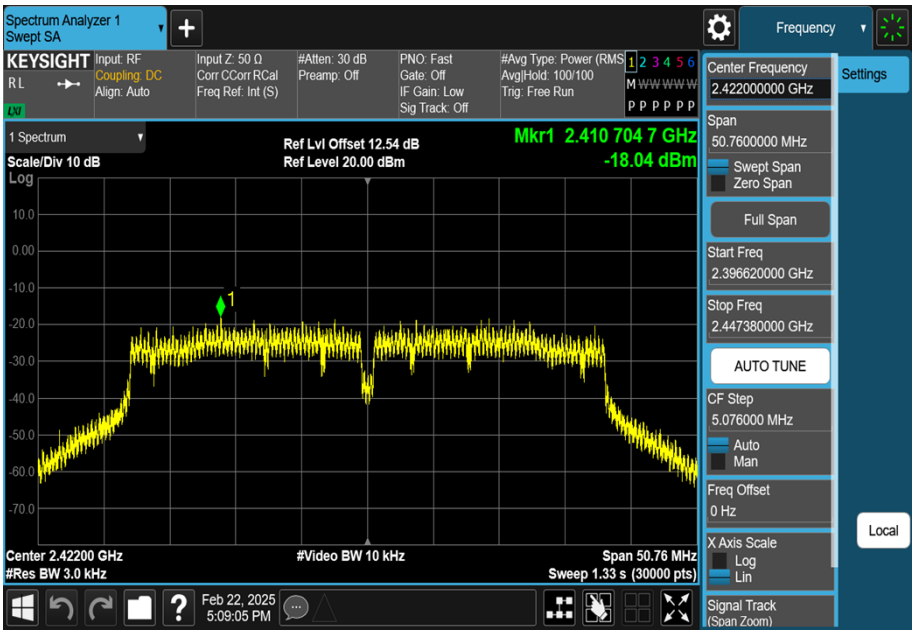


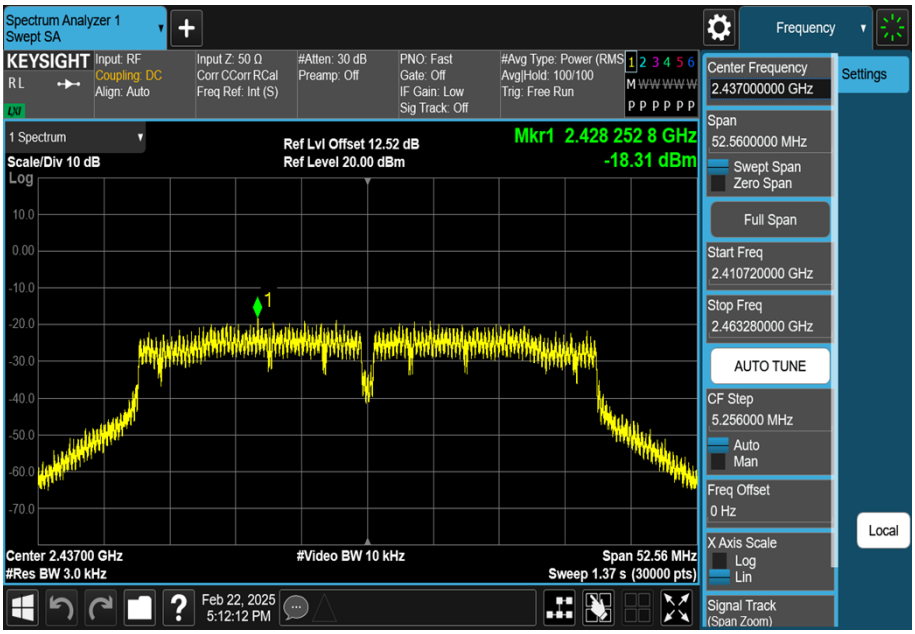
11N20-Ant1-2437-PASS



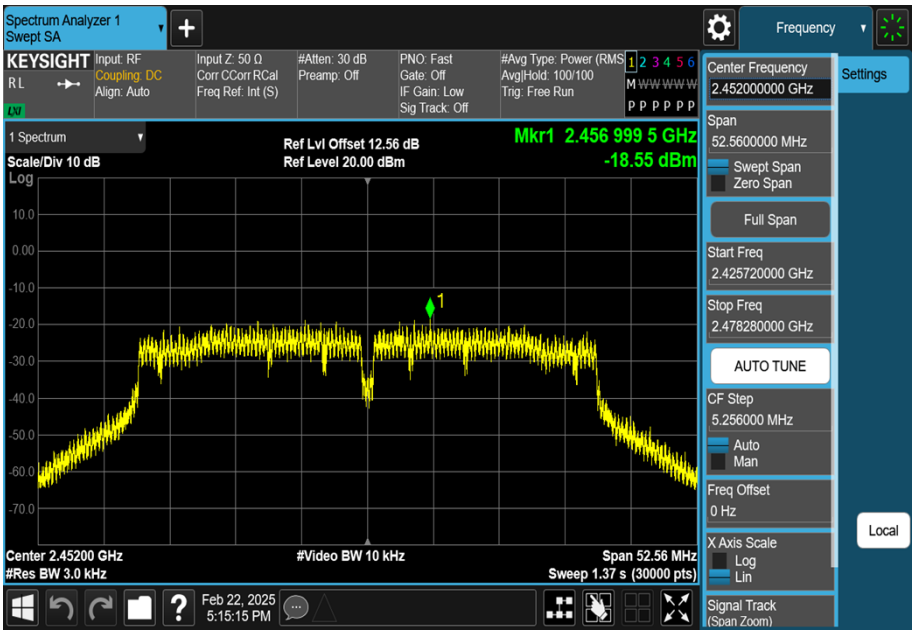
11N20-Ant1-2462-PASS



11N40-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technology Co., Ltd. (hereinafter referred to as the unit).
2. The report is invalid without the signature of the approver.
3. The report is invalid if altered arbitrarily.
4. The report shall not be partially copied without the written approval of the unit.
5. The reported test results are only valid for the tested samples.
6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

Shenzhen Haiyun Standard Technology Co., Ltd.

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End of Test Report