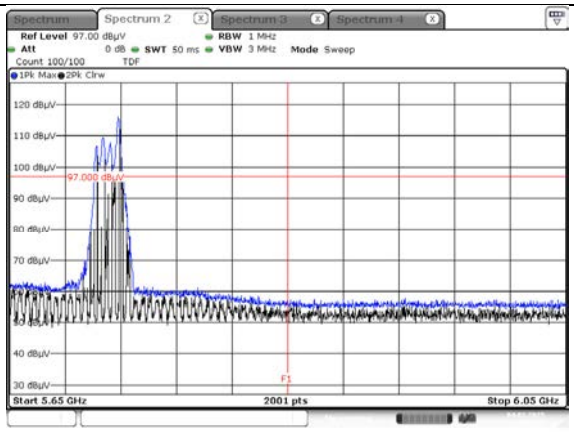
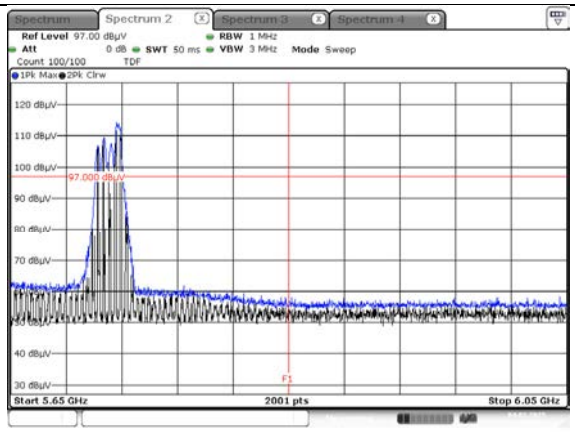
▣ Test Plots(Straddle Channel)_Upper edge

[MIMO_SDM(Ant.1+ Ant.2)]

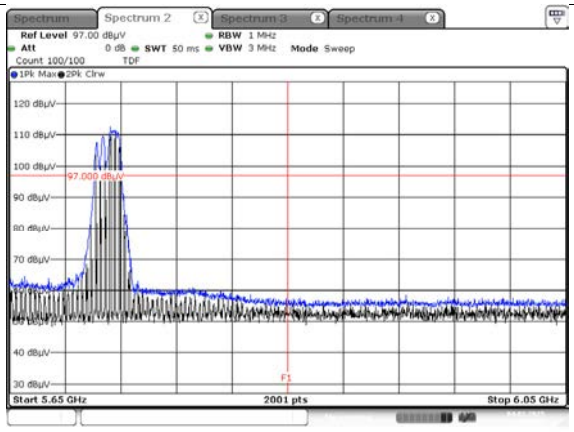
Peak result (802.11ax(HE20) Ch.144, 26T RU 8)



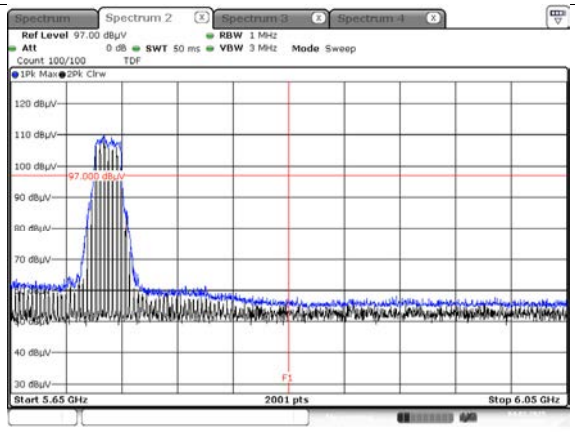
Peak result (802.11ax(HE20) Ch.144, 52T RU 40)



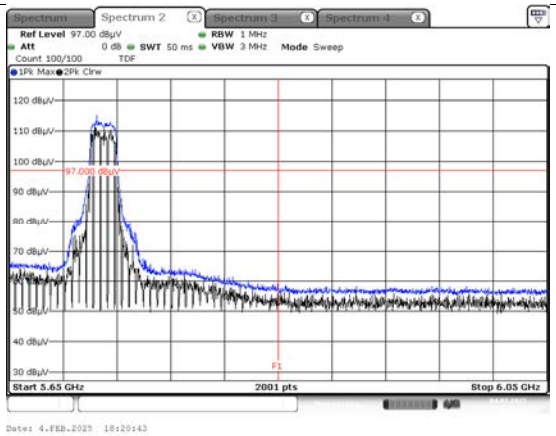
Peak result (802.11ax(HE20) Ch.144, 106T RU 54)

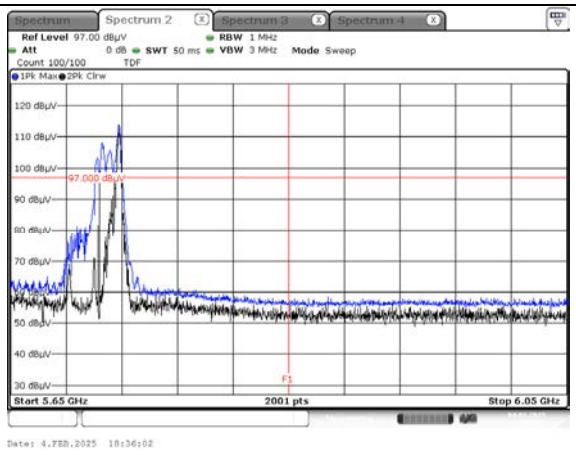
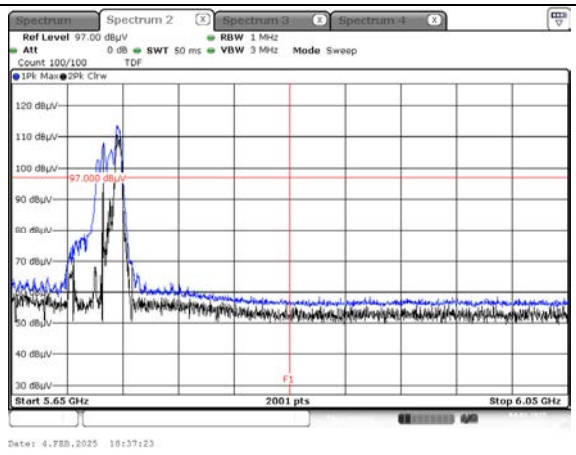
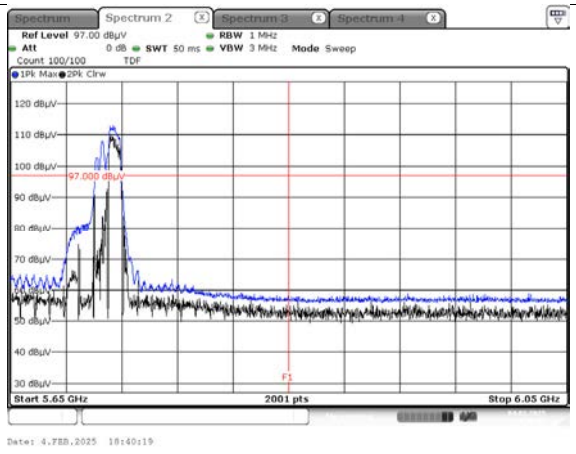
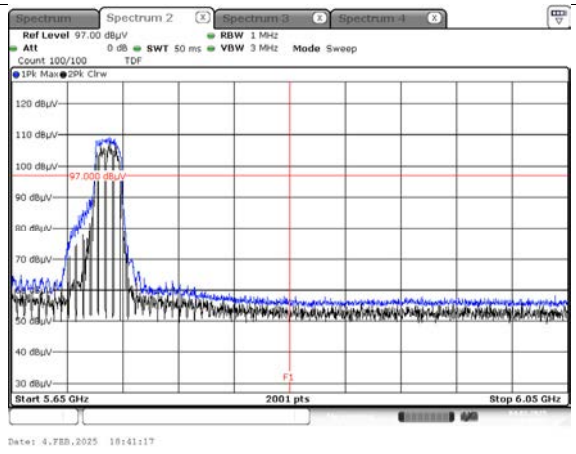
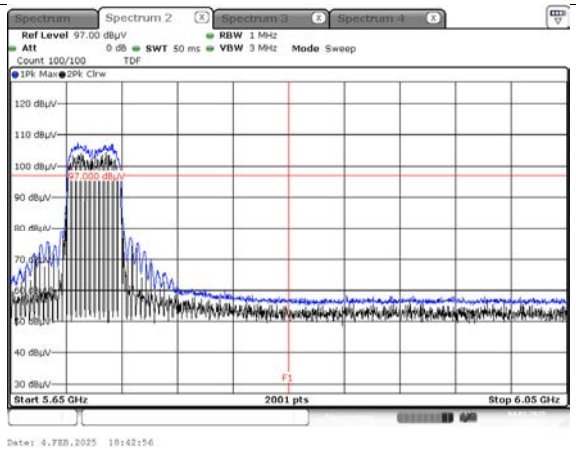
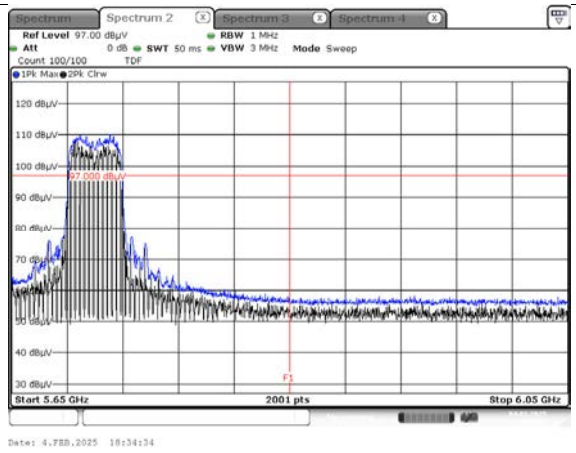


Peak result (802.11ax(HE20) Ch.144, 242T RU 61)

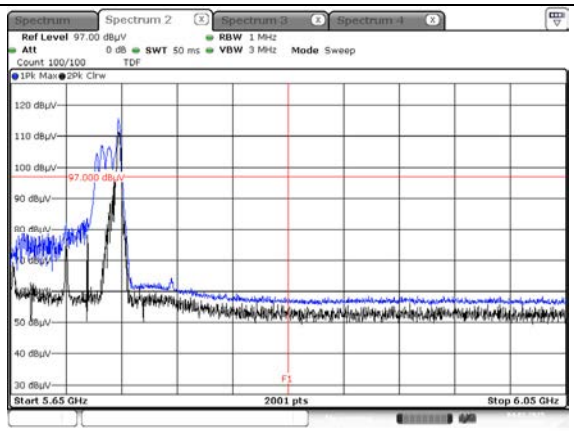


Peak result (802.11ax(HE20) Ch.144, SU)

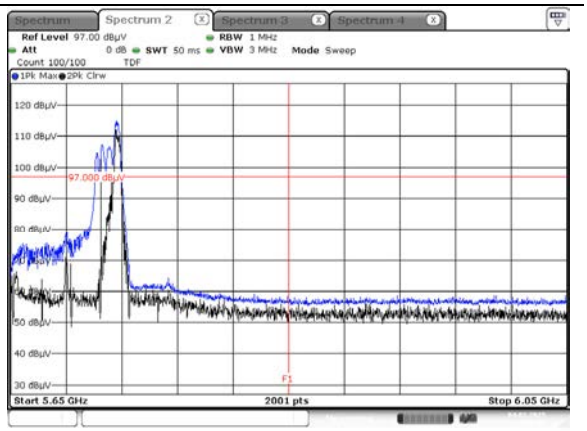


Peak result (802.11ax(HE40) Ch.142, 26T RU 17)	Peak result (802.11ax(HE40) Ch. 142, 52T RU 44)
	
Peak result (802.11ax(HE40) Ch. 142, 106T RU 56)	Peak result (802.11ax(HE40) Ch.142, 242T RU 62)
	
Peak result (802.11ax(HE40) Ch.142, 484T RU 65)	Peak result (802.11ax(HE40) Ch.142, SU)
	

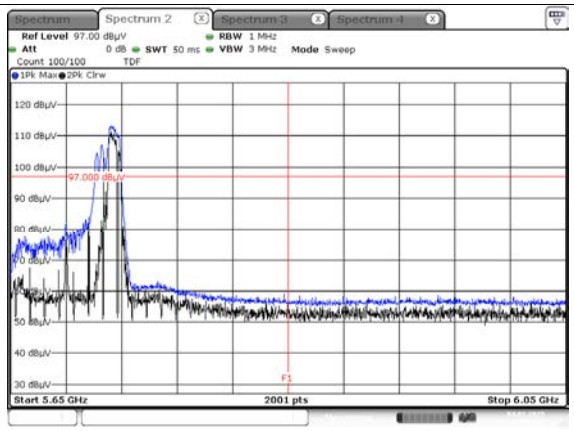
Peak result (802.11ax(HE80) Ch.138, 26T RU 36)



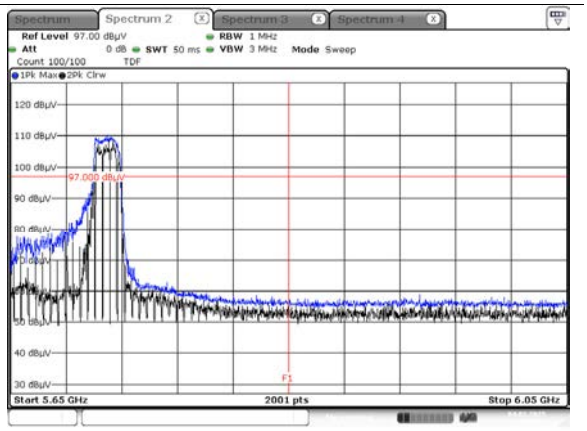
Peak result (802.11ax(HE80) Ch.138, 52T RU 52)



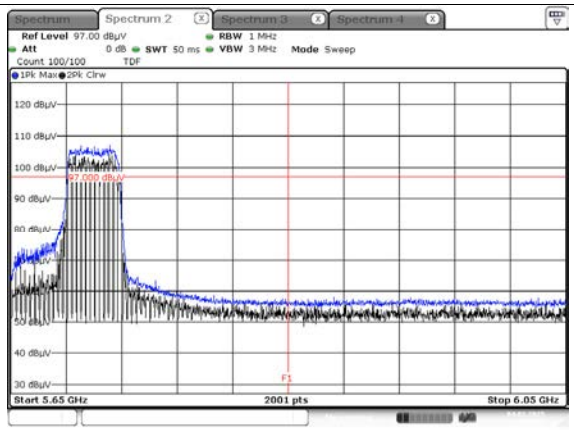
Peak result (802.11ax(HE80) Ch.138, 106T RU 60)



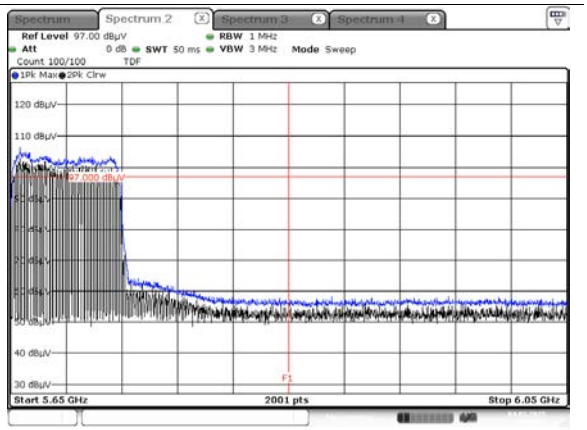
Peak result (802.11ax(HE80) Ch.138, 242T RU 64)



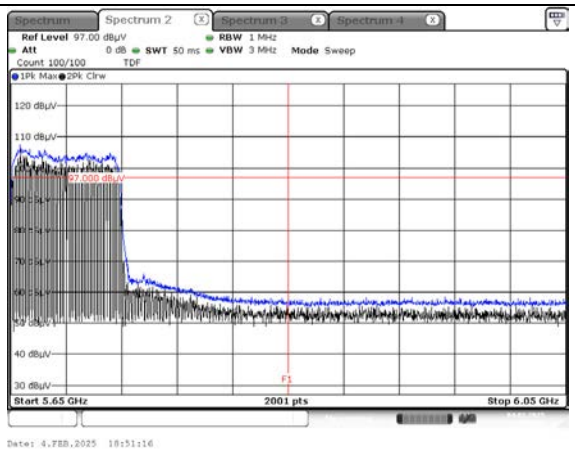
Peak result (802.11ax(HE80) Ch.138, 484T RU 66)



Peak result (802.11ax(HE80) Ch.138, 996T RU 67)



Peak result (802.11ax(HE80) Ch.138, SU)



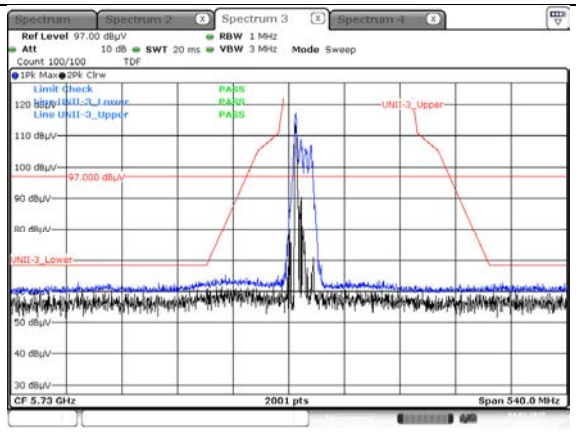
Note :

1. Only the worst case plots for Radiated Restricted Band Edge.
2. Red line : 5 850 MHz
3. Ambient Noise (Because of ambient noise, We attached only the worst plot without a data table)

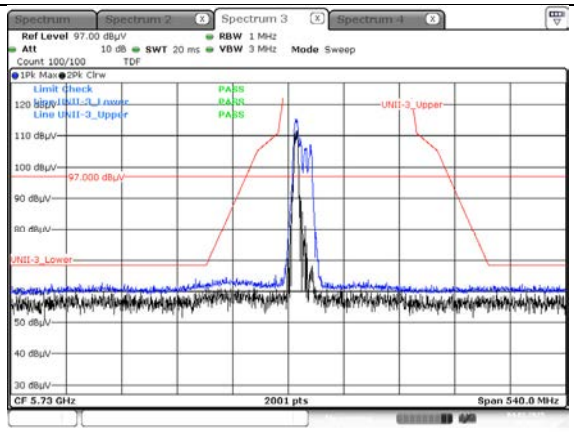
▣ Test Plots(UNII 3)_Low Edge

[MIMO_SDM(Ant.1+ Ant.2)]

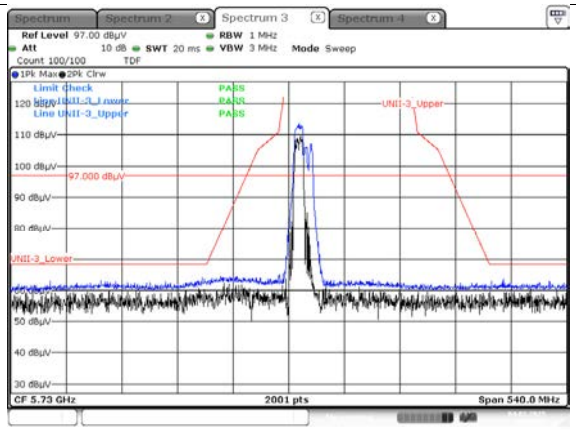
Peak result (802.11ax(HE20) Ch.149, 26T RU 0)



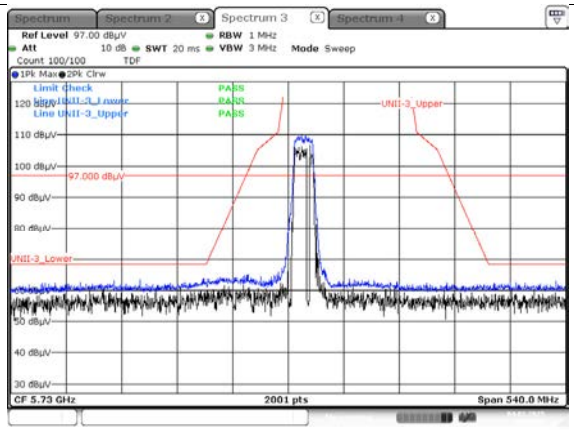
Peak result (802.11ax(HE20) Ch.149, 52T RU 37)



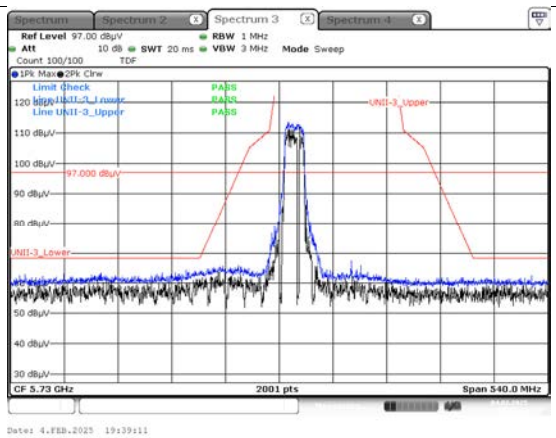
Peak result (802.11ax(HE20) Ch.149, 106T RU 53)



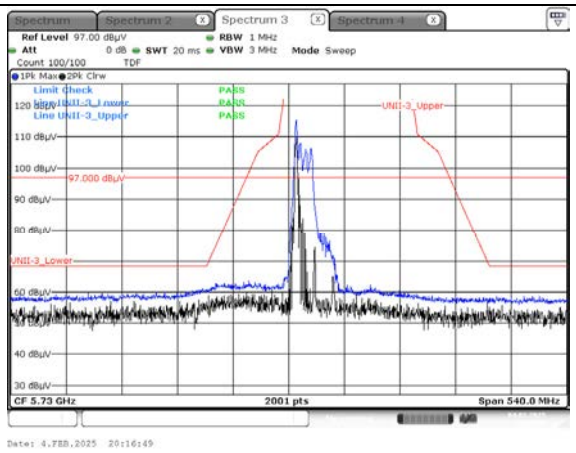
Peak result (802.11ax(HE20) Ch.149, 242T RU 61)



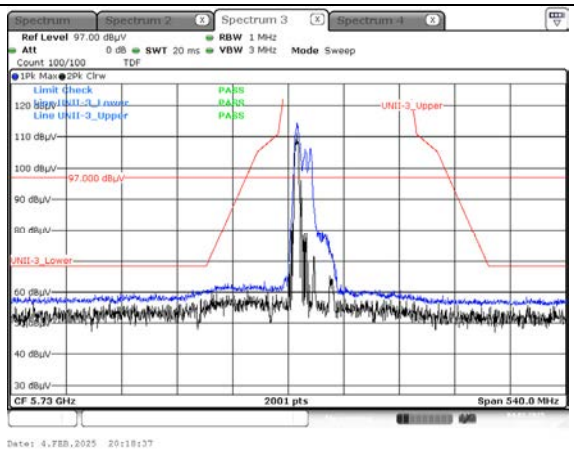
Peak result (802.11ax(HE20) Ch.149, SU)



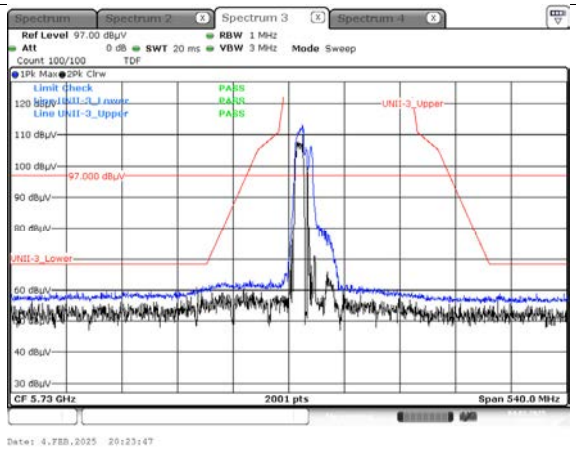
Peak result (802.11ax(HE40) Ch.151, 26T RU 0)



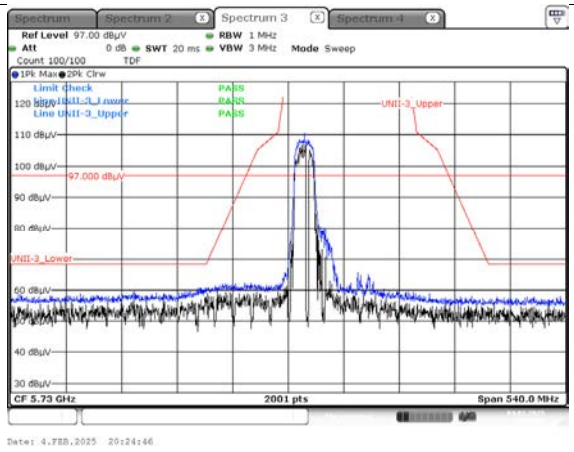
Peak result (802.11ax(HE40) Ch.151, 52T RU 37)



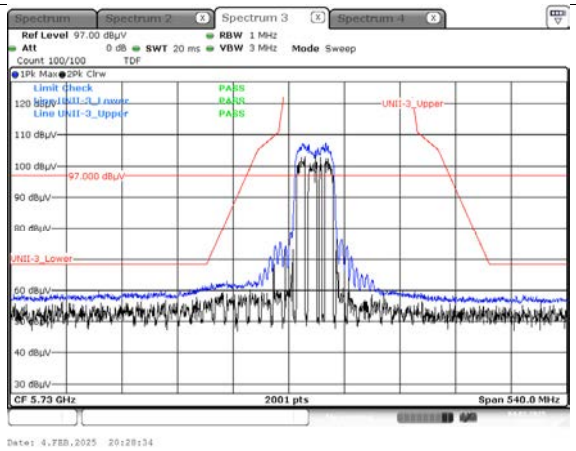
Peak result (802.11ax(HE40) Ch.151, 106T RU 53)



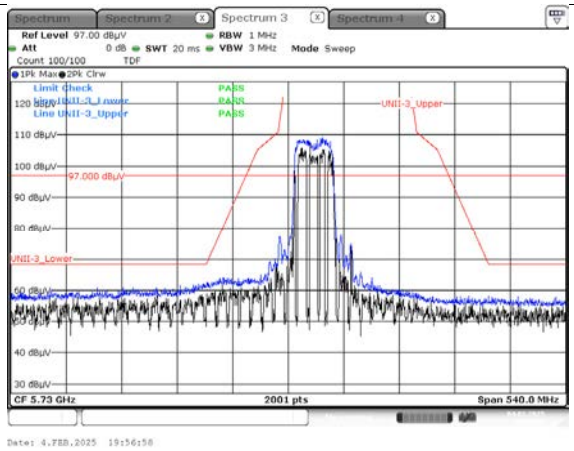
Peak result (802.11ax(HE40) Ch.151, 242T RU 61)

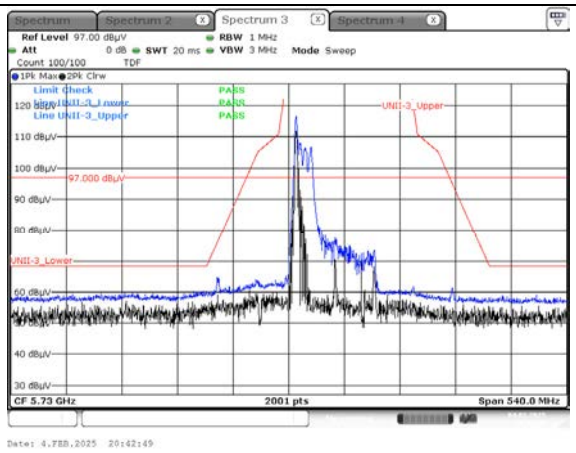
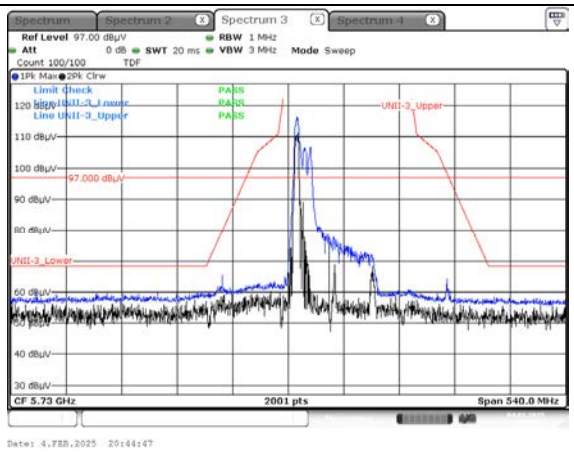
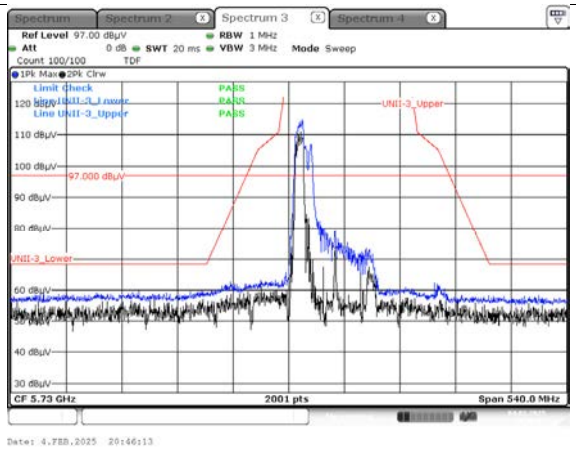
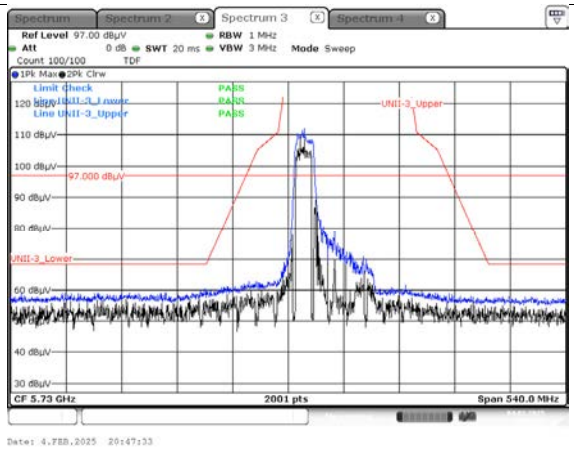
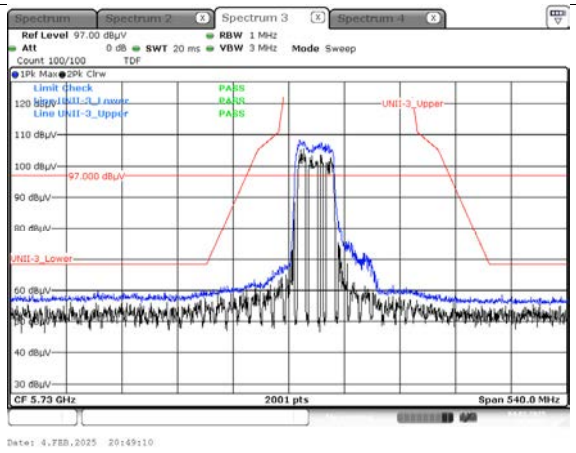
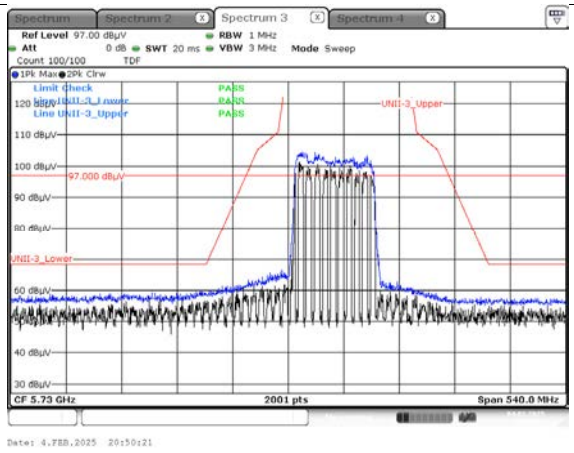


Peak result (802.11ax(HE40) Ch.151, 484T RU 65)

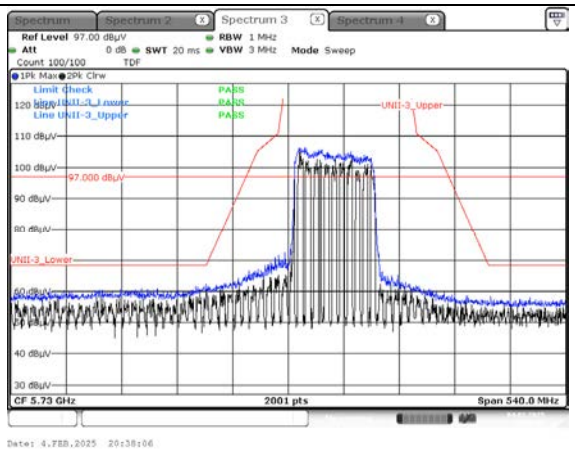


Peak result (802.11ax(HE40) Ch.151, SU)



Peak result (802.11ax(HE80) Ch.155, 26T RU 0)	Peak result (802.11ax(HE80) Ch.155, 52T RU 37)
	
Peak result (802.11ax(HE80) Ch.155, 106T RU 53)	Peak result (802.11ax(HE80) Ch.155, 242T RU 61)
	
Peak result (802.11ax(HE80) Ch.155, 484T RU 65)	Peak result (802.11ax(HE80) Ch.155, 996T RU 67)
	

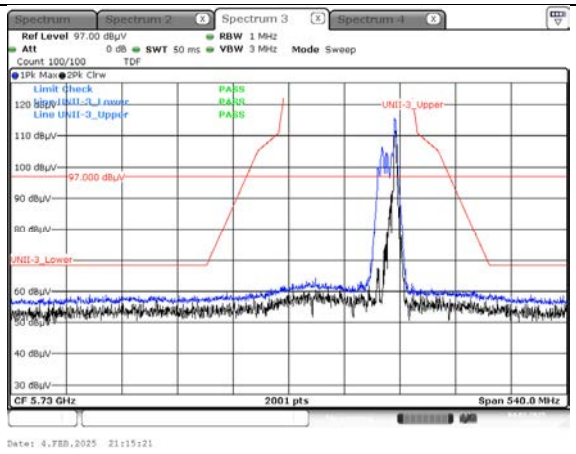
Peak result (802.11ax(HE80) Ch.155, SU)



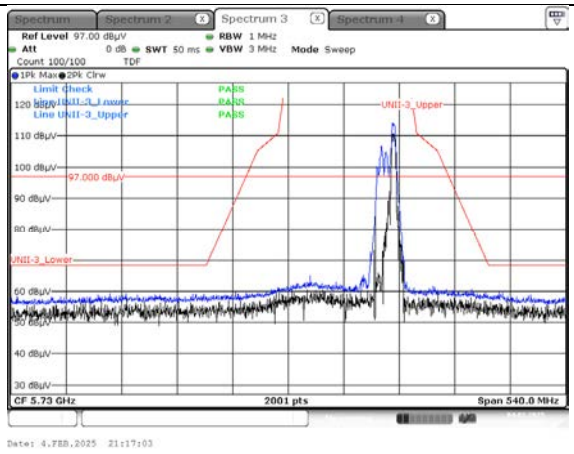
▣ Test Plots(UNII 3)_High Edge

[MIMO_SDM(Ant.1+ Ant.2)]

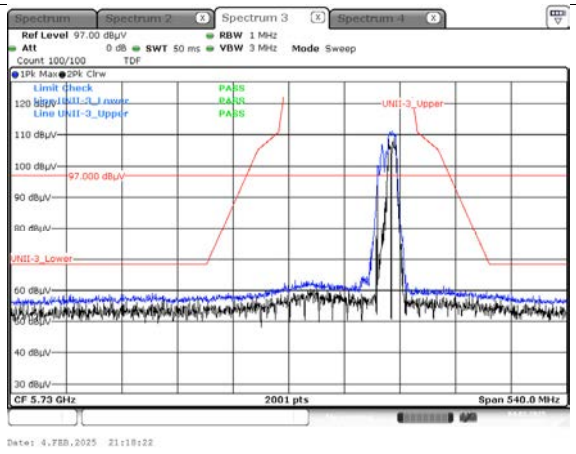
Peak result (802.11ax(HE20) Ch.165, 26T RU 8)



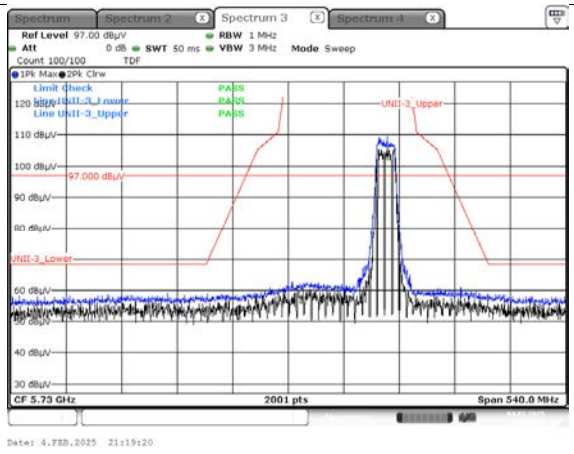
Peak result (802.11ax(HE20) Ch.165, 52T RU 40)



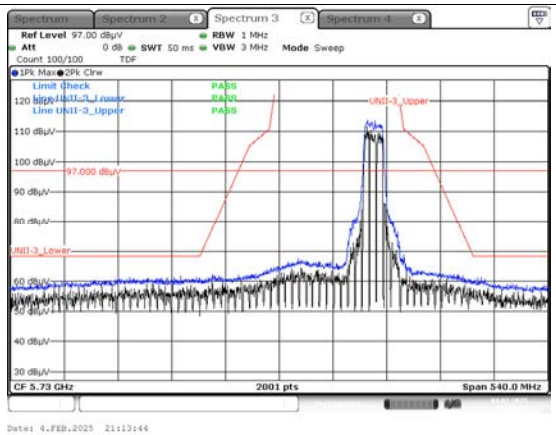
Peak result (802.11ax(HE20) Ch.165, 106T RU 54)



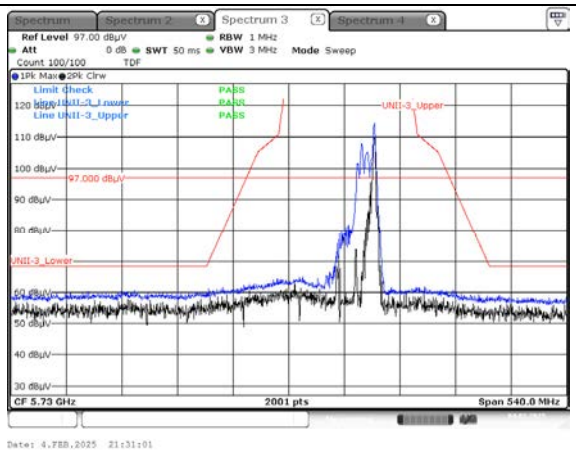
Peak result (802.11ax(HE20) Ch.165, 242T RU 61)



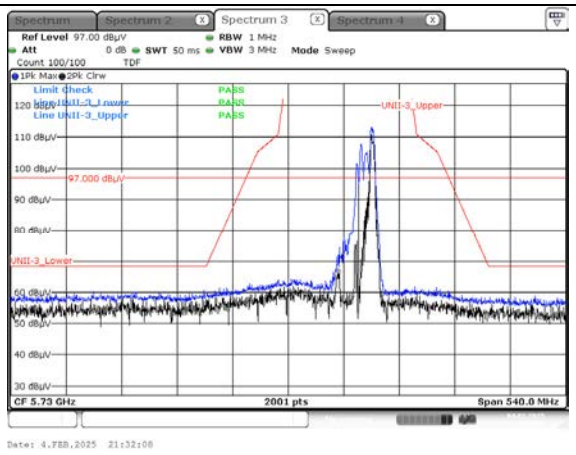
Peak result (802.11ax(HE20) Ch.165, SU)



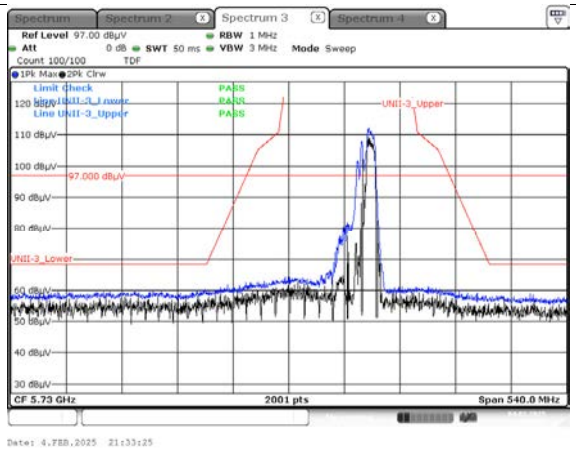
Peak result (802.11ax(HE40) Ch.159, 26T RU 17)



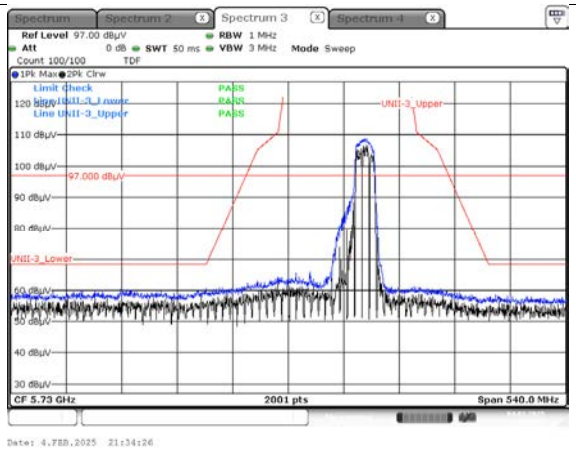
Peak result (802.11ax(HE40) Ch.159, 52T RU 44)



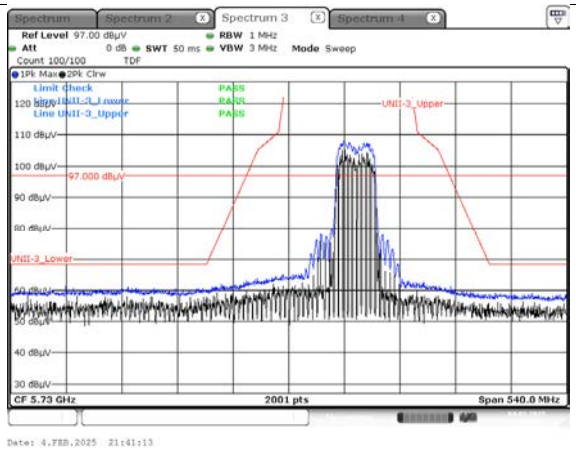
Peak result (802.11ax(HE40) Ch.159, 106T RU 56)



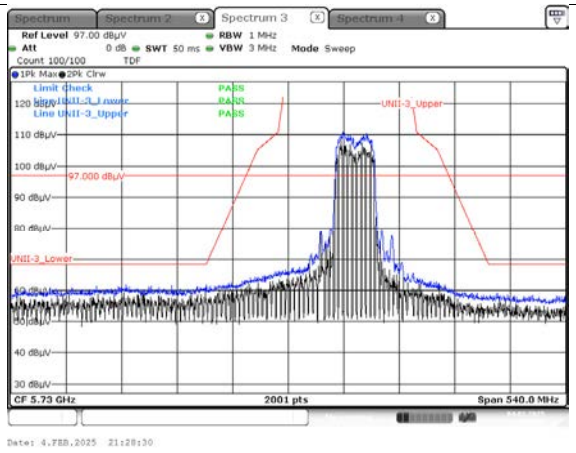
Peak result (802.11ax(HE40) Ch.159, 242T RU 62)

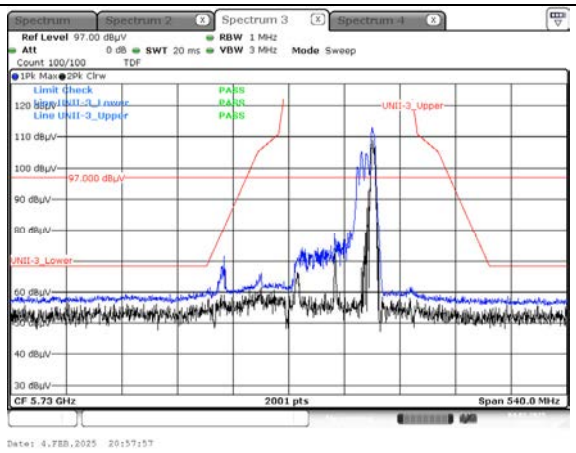
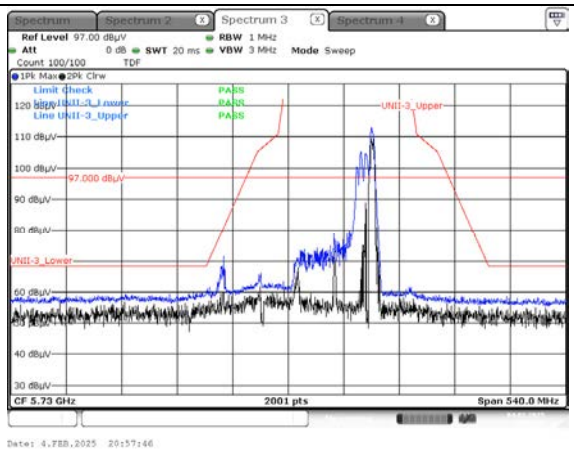
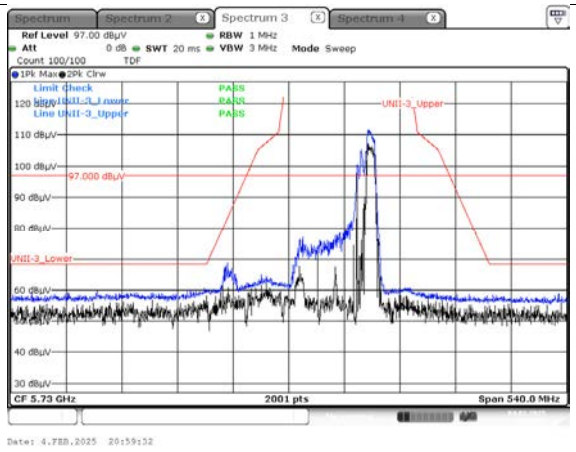
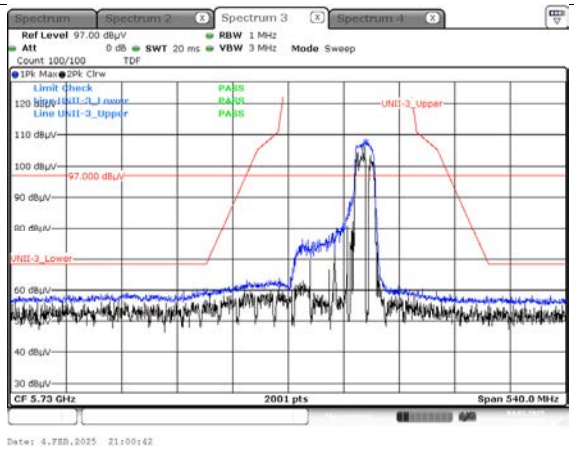
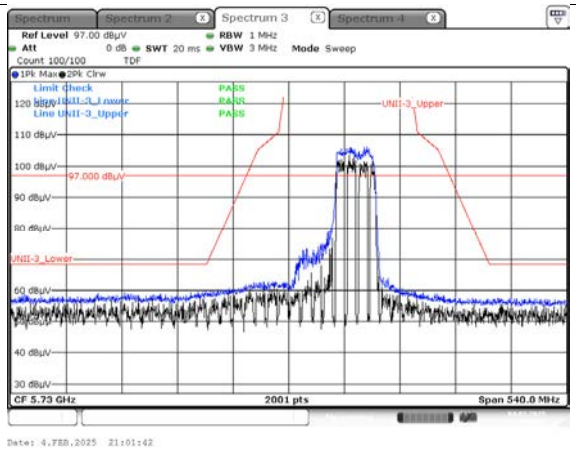
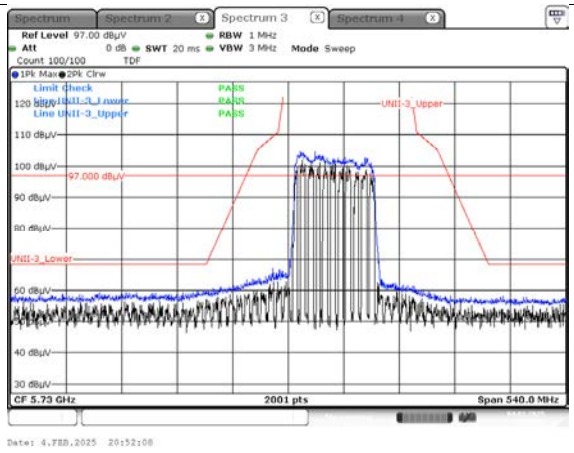


Peak result (802.11ax(HE40) Ch.159, 484T RU 65)

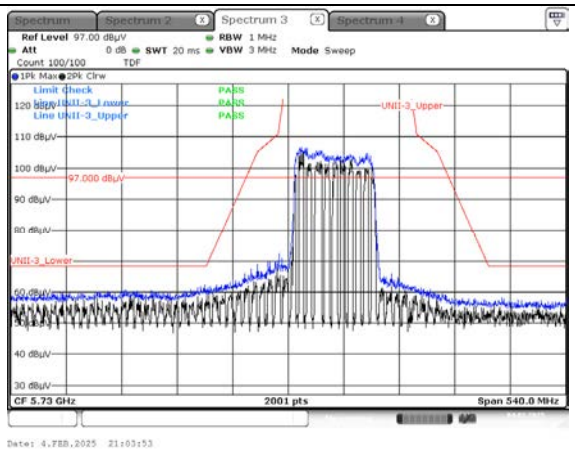


Peak result (802.11ax(HE40) Ch.159, SU)



Peak result (802.11ax(HE80) Ch.155, 26T RU 36)	Peak result (802.11ax(HE80) Ch.155, 52T RU 52)
	
Peak result (802.11ax(HE80) Ch.155, 106T RU 60)	Peak result (802.11ax(HE80) Ch.155, 242T RU 64)
	
Peak result (802.11ax(HE80) Ch.155, 484T RU 66)	Peak result (802.11ax(HE80) Ch.155, 996T RU 67)
	

Peak result (802.11ax(HE80) Ch.155, SU)

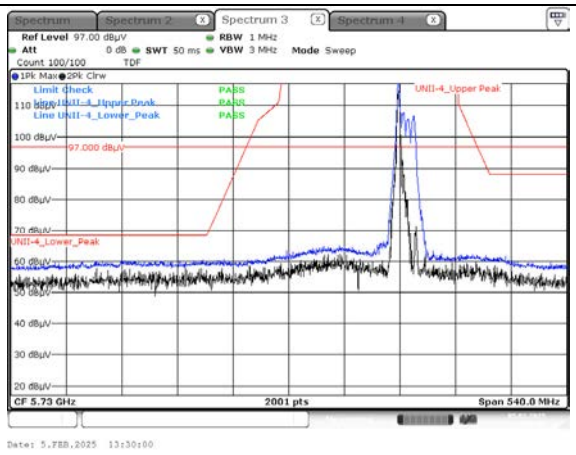


Note :

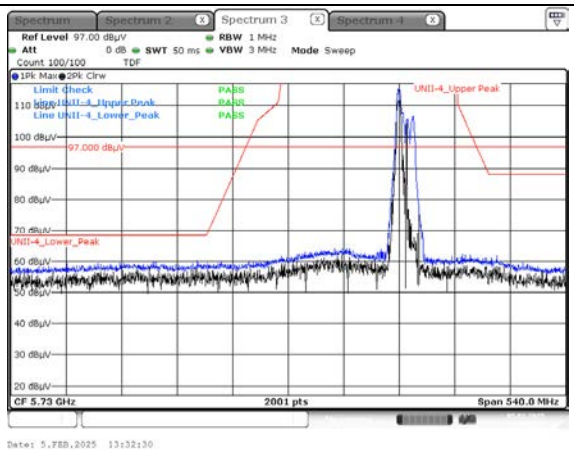
1. Only the worst case plots for U-NII-3 Out of Band e.i.r.p Emission.
2. U-NII-3 Low & High Band Edge Red Line is Final Test Limit about factor value compensation.

▣ Test Plots(UNII 4)_Low edge

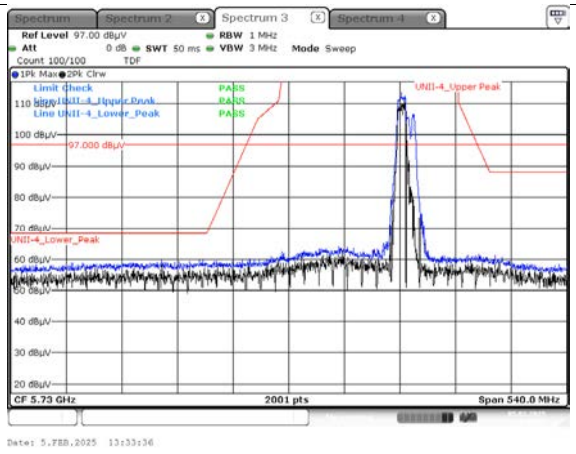
Peak result (802.11ax(HE20) Ch.169, 26T RU 0)



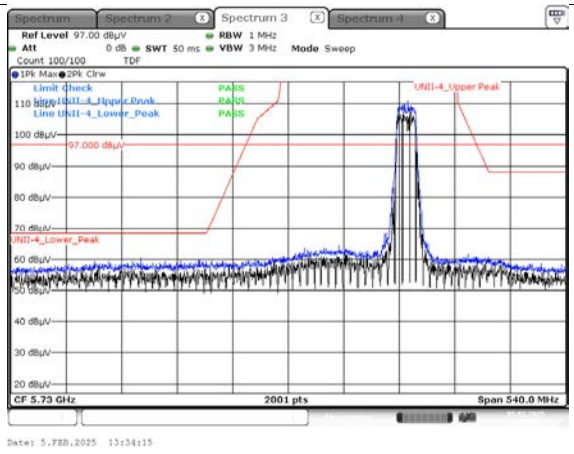
Peak result (802.11ax(HE20) Ch.169, 52T RU 37)



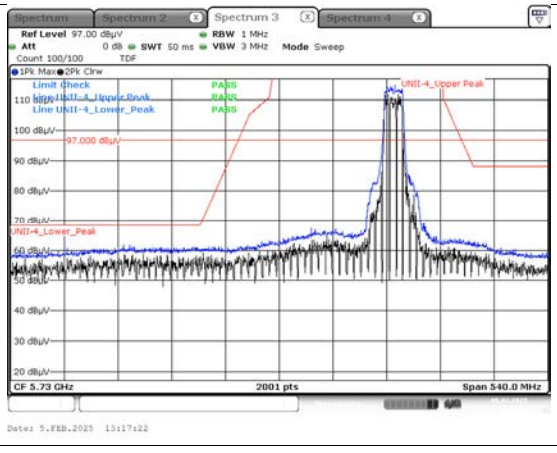
Peak result (802.11ax(HE20) Ch.169, 106T RU 53)



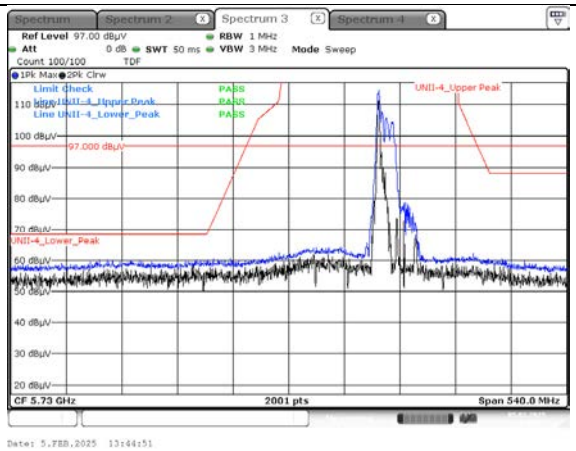
Peak result (802.11ax(HE20) Ch.169, 242T RU 61)



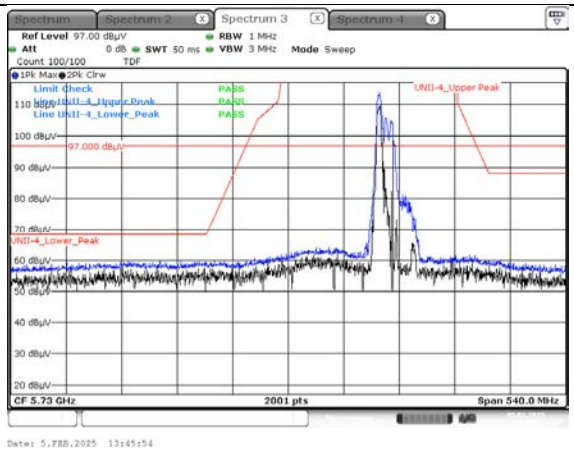
Peak result (802.11ax(HE20) Ch.169, SU)



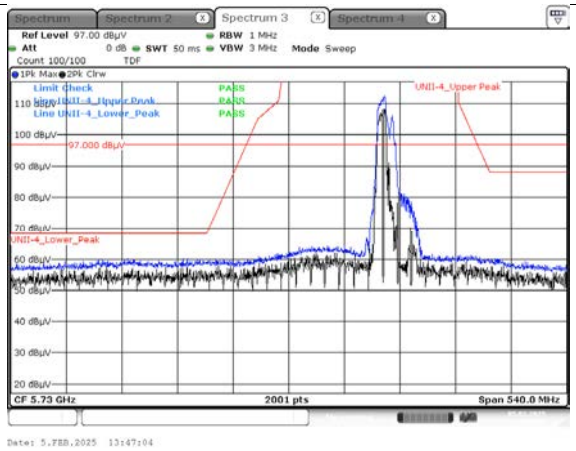
Peak result (802.11ax(HE40) Ch.167, 26T RU 0)



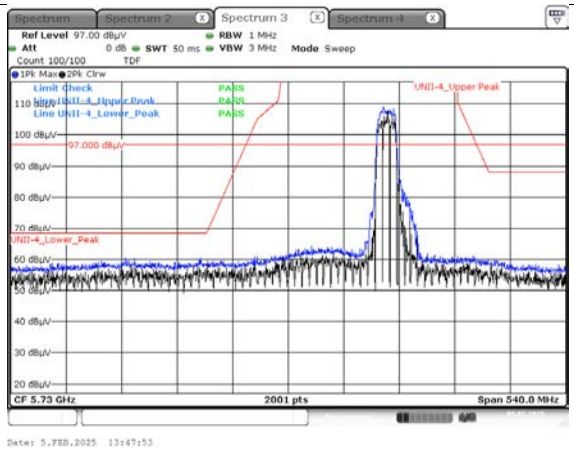
Peak result (802.11ax(HE40) Ch.167, 52T RU 37)



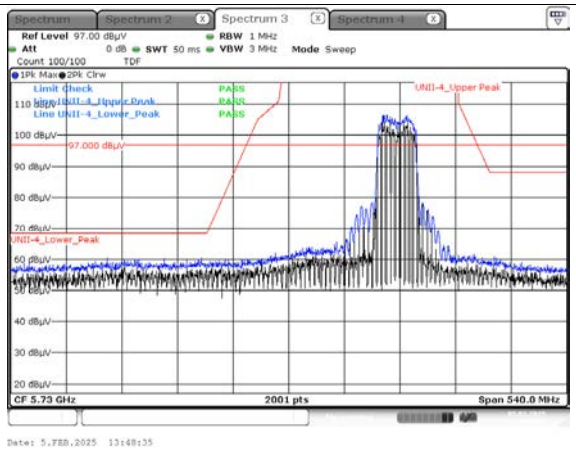
Peak result (802.11ax(HE40) Ch.167, 106T RU 53)



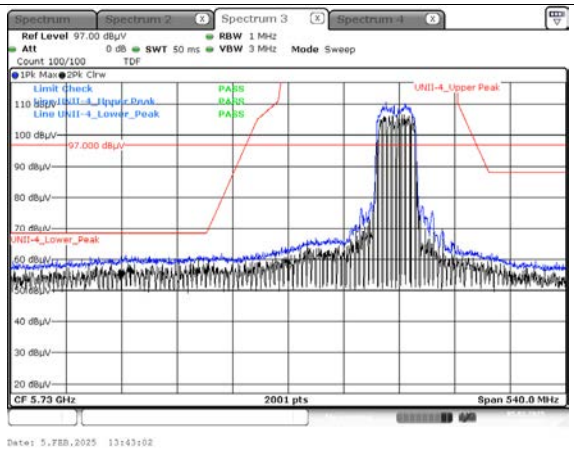
Peak result (802.11ax(HE40) Ch.167, 242T RU 61)



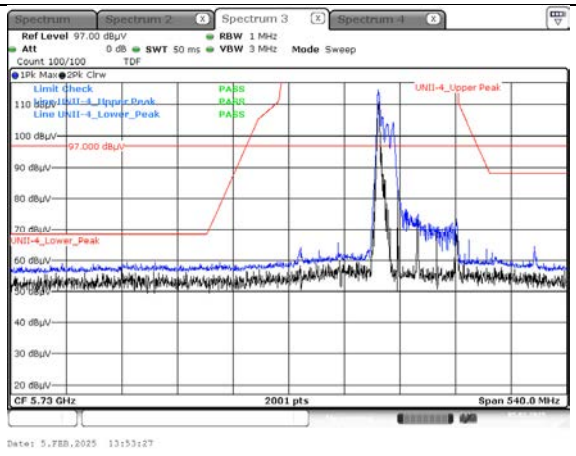
Peak result (802.11ax(HE40) Ch.167, 484T RU 65)



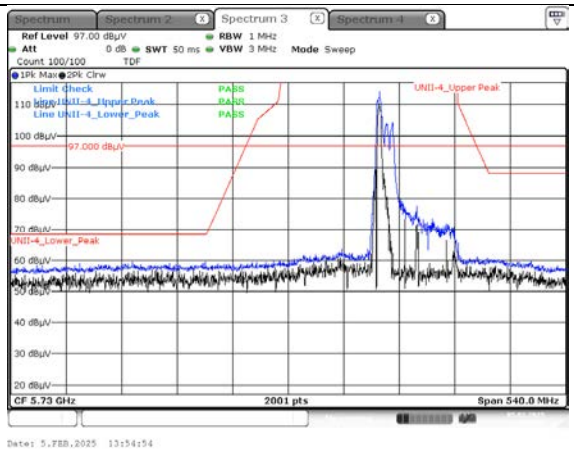
Peak result (802.11ax(HE40) Ch.167, SU)



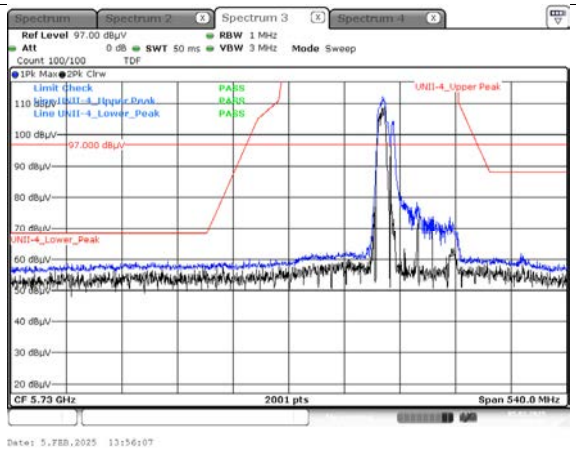
Peak result (802.11ax(HE80) Ch.171, 26T RU 0)



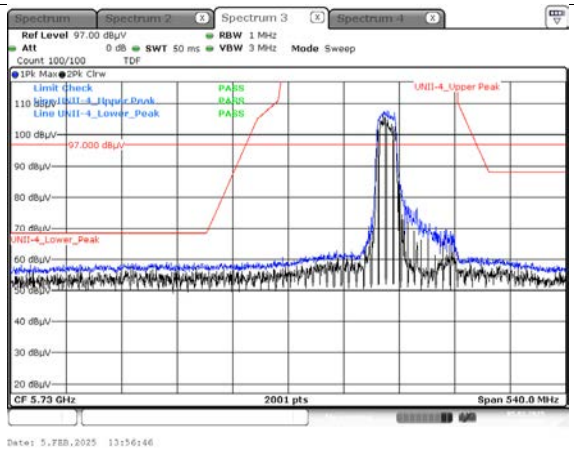
Peak result (802.11ax(HE80) Ch.171, 52T RU 37)



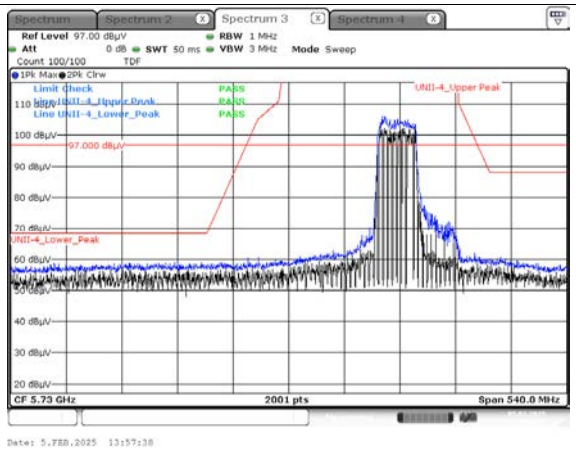
Peak result (802.11ax(HE80) Ch.171, 106T RU 53)



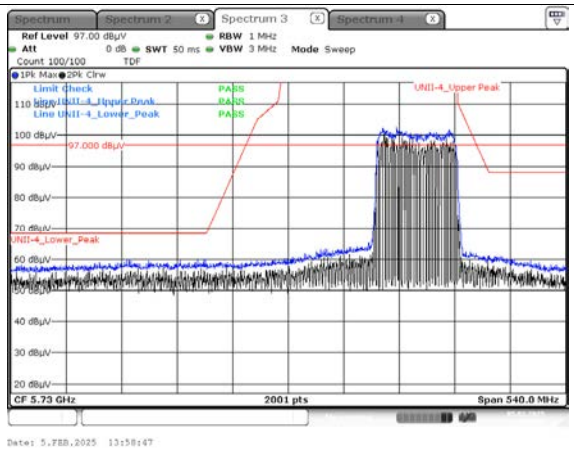
Peak result (802.11ax(HE80) Ch.171, 242T RU 61)



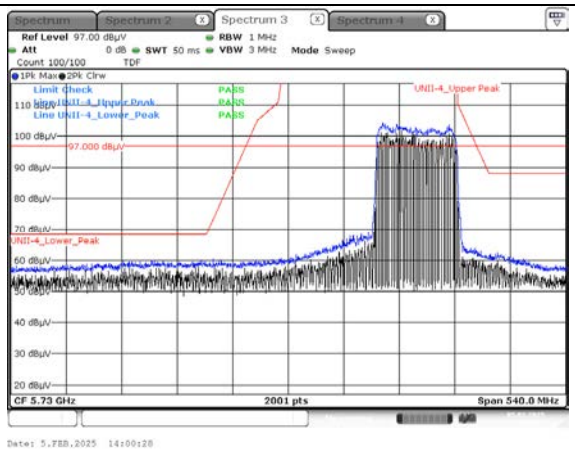
Peak result (802.11ax(HE80) Ch.171, 484T RU 65)



Peak result (802.11ax(HE80) Ch.171, 996T RU 67)

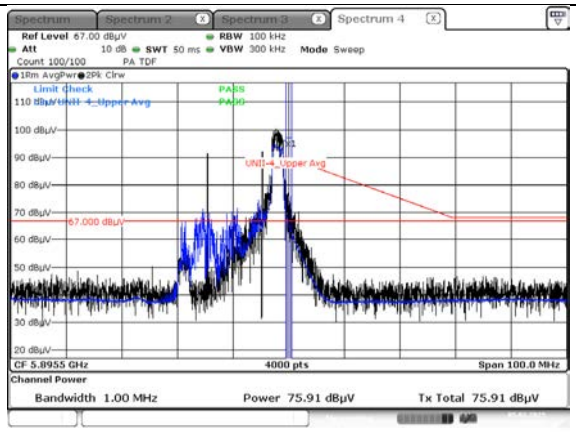


Peak result (802.11ax(HE80) Ch.171, SU)

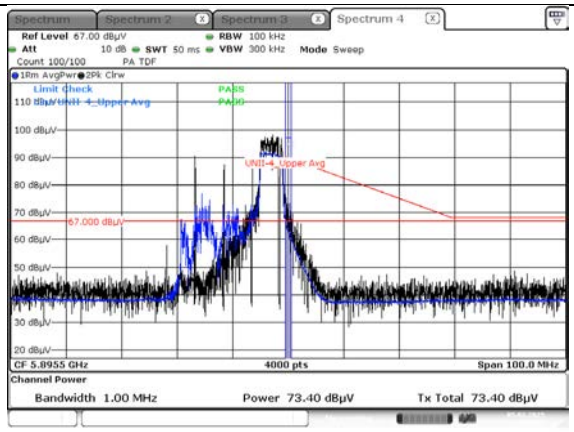


▣ Test Plots(UNII 4)_High edge

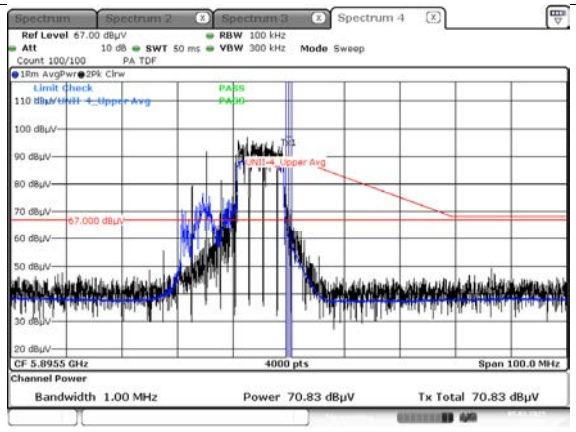
Average result (802.11ax(HE20) Ch.177, 26T RU 8)
(Integration method Used)



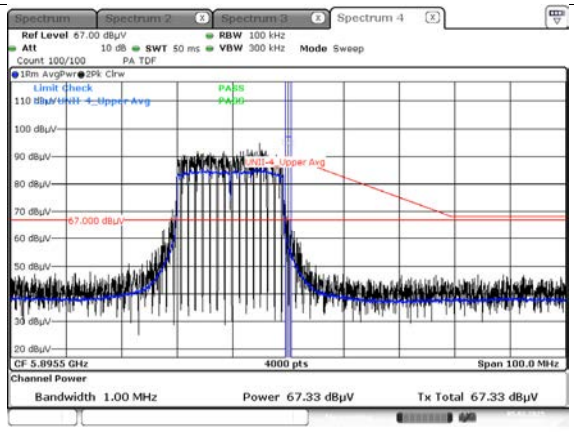
Average result (802.11ax(HE20) Ch.177, 52T RU 40)
(Integration method Used)



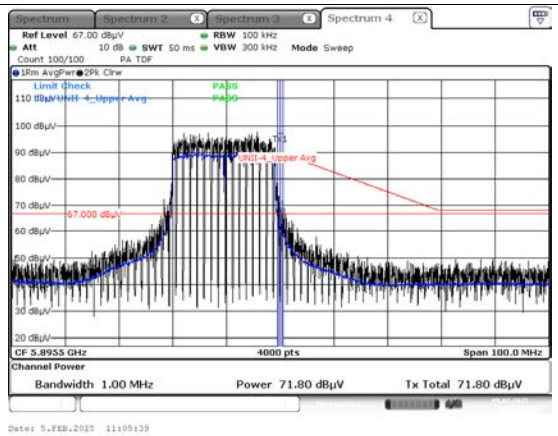
Average result (802.11ax(HE20) Ch.177, 106T RU 54)
(Integration method Used)



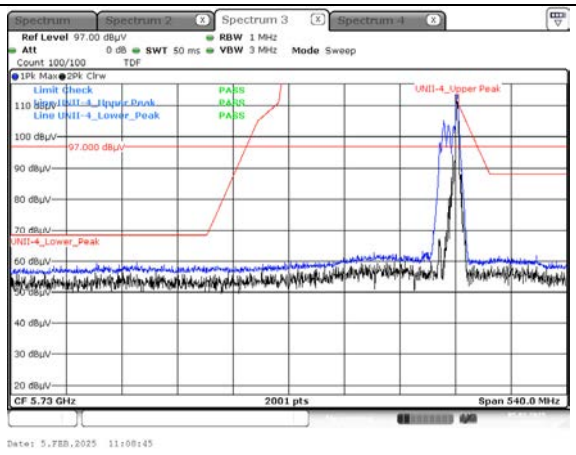
Average result (802.11ax(HE20) Ch.177, 242T RU 61)
(Integration method Used)



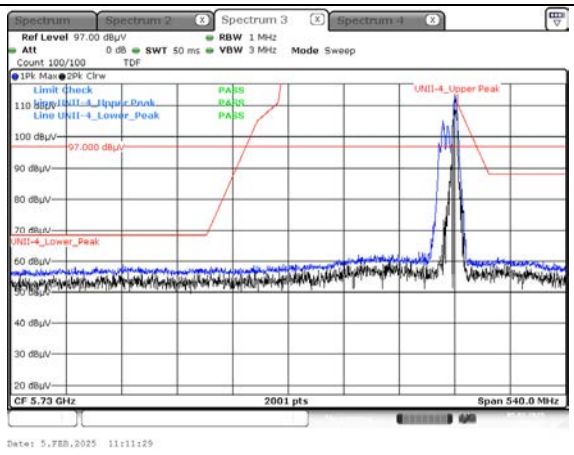
Average result (802.11ax(HE20) Ch.177, SU)
(Integration method Used)



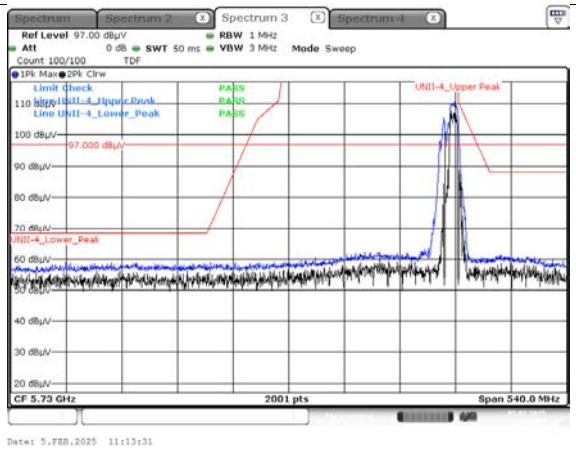
Peak result (802.11ax(HE20) Ch.177, 26T RU 8)



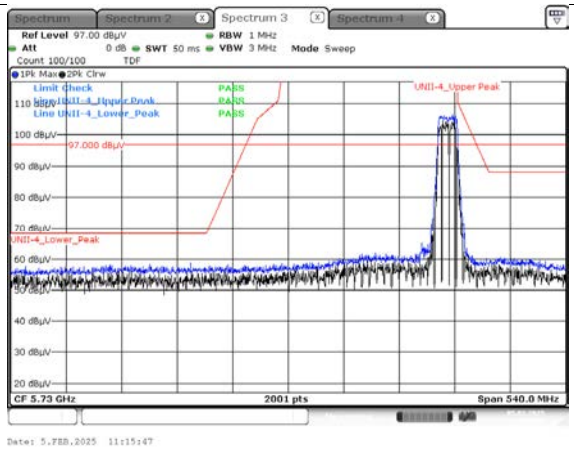
Peak result (802.11ax(HE20) Ch.177, 52T RU 40)



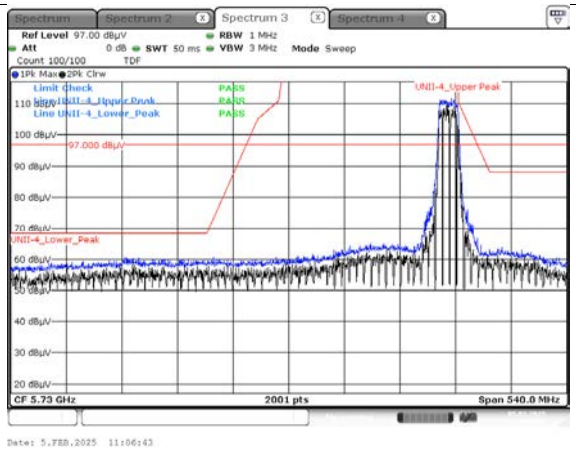
Peak result (802.11ax(HE20) Ch.177, 106T RU 54)



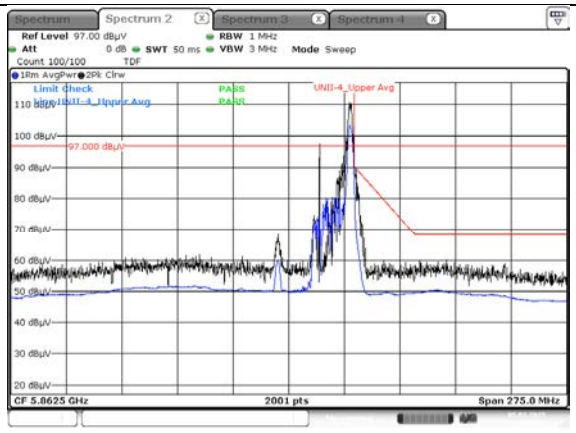
Peak result (802.11ax(HE20) Ch.177, 242T RU 61)



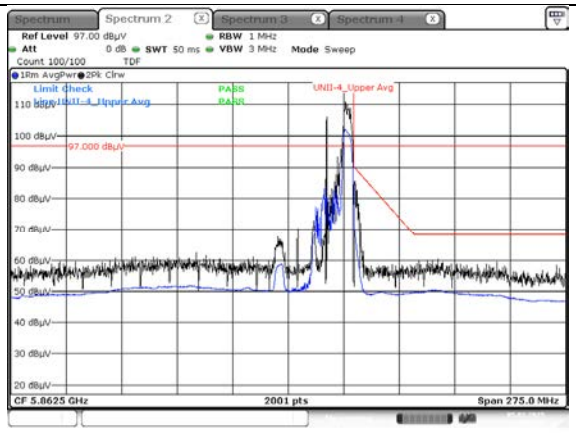
Peak result (802.11ax(HE20) Ch.177, SU)



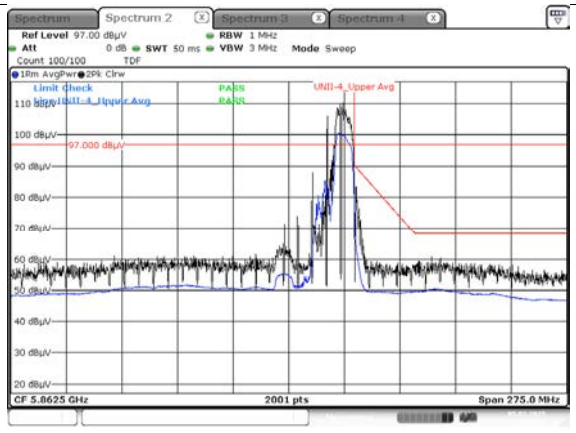
Average result (802.11ax(HE40) Ch.175, 26T RU 17)



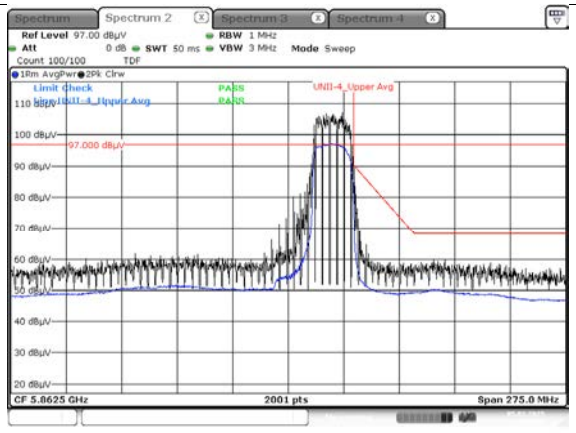
Average result (802.11ax(HE40) Ch.175, 52T RU 44)



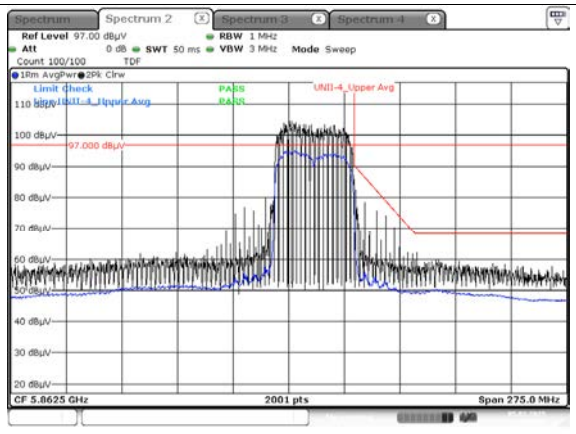
Average result (802.11ax(HE40) Ch.175, 106T RU 56)



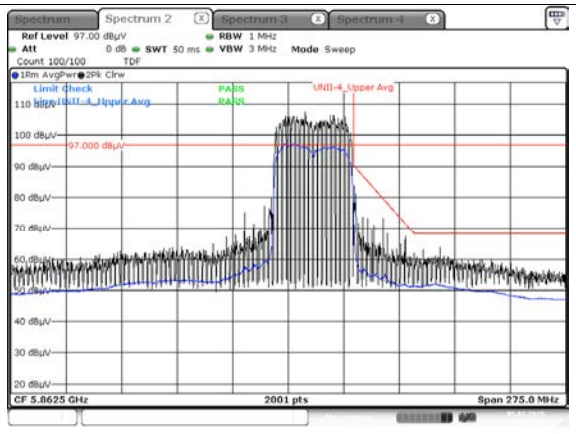
Average result (802.11ax(HE40) Ch.175, 242T RU 62)



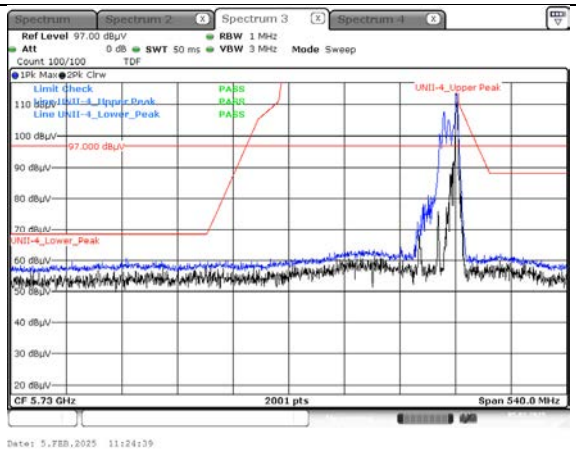
Average result (802.11ax(HE40) Ch.175, 484T RU 65)



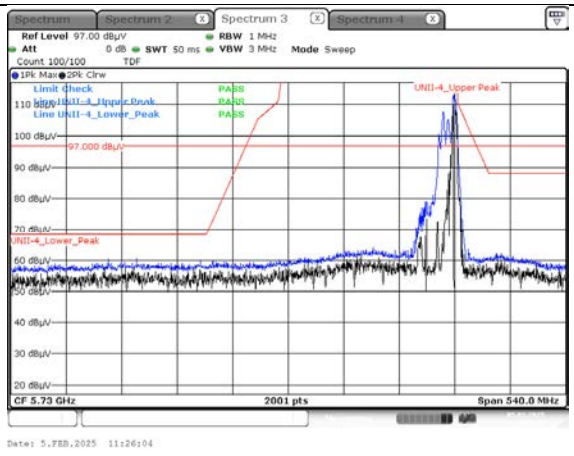
Average result (802.11ax(HE40) Ch.175, SU)



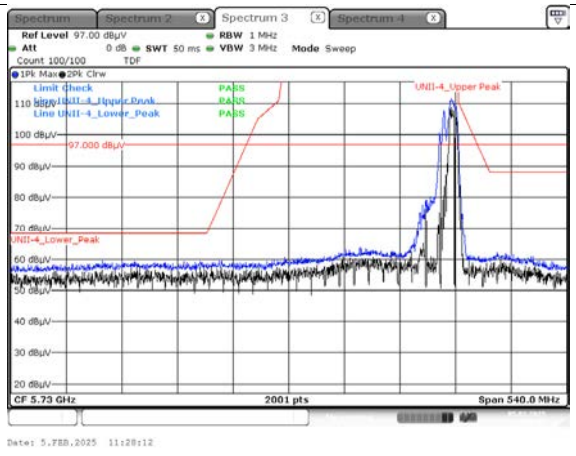
Peak result (802.11ax(HE40) Ch.175, 26T RU 17)



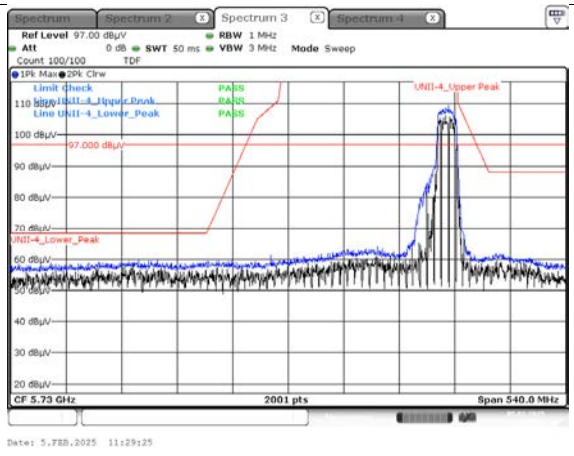
Peak result (802.11ax(HE40) Ch.175, 52T RU 44)



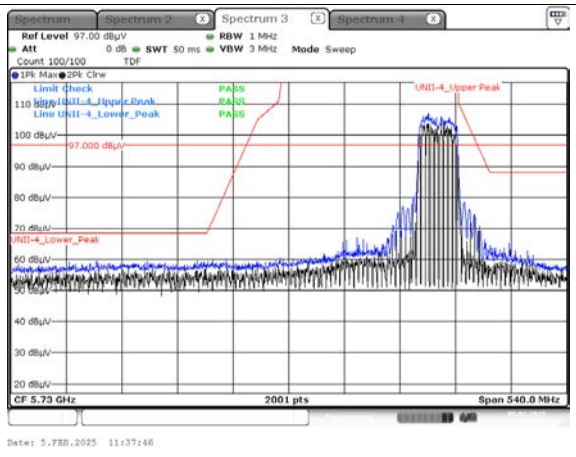
Peak result (802.11ax(HE40) Ch.175, 106T RU 56)



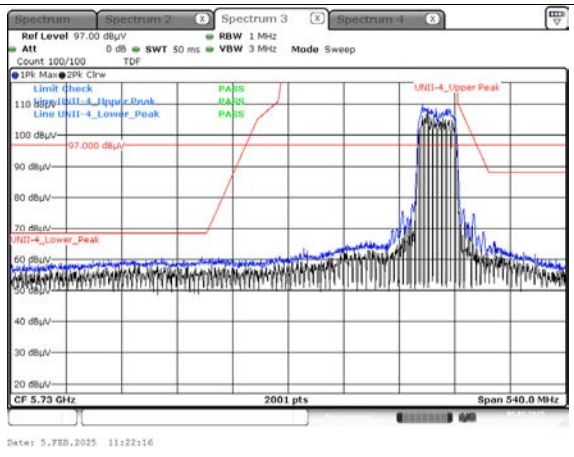
Peak result (802.11ax(HE40) Ch.175, 242T RU 62)



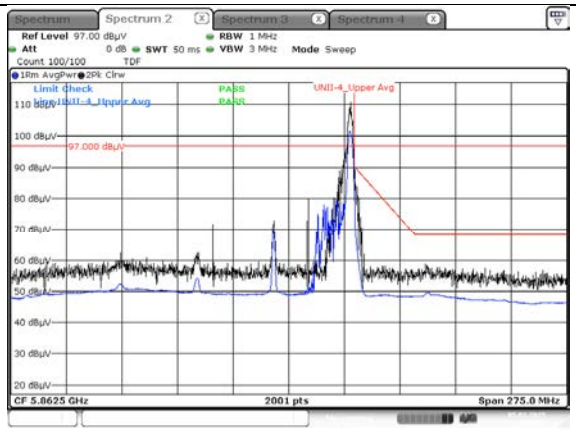
Peak result (802.11ax(HE40) Ch.175, 484T RU 65)



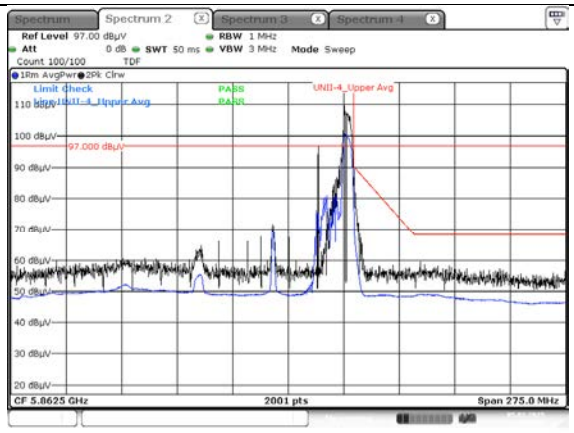
Peak result (802.11ax(HE40) Ch.175, SU)



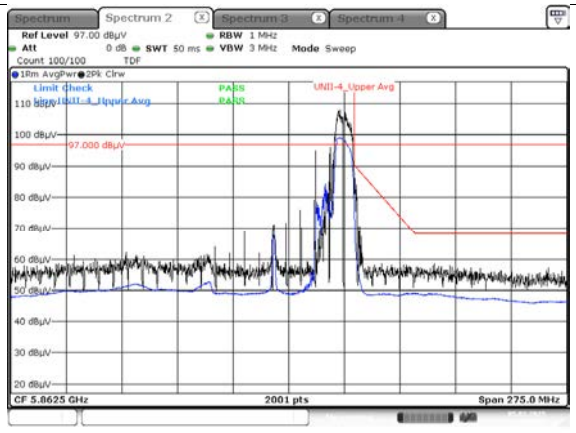
Average result (802.11ax(HE80) Ch.171, 26T RU 36)



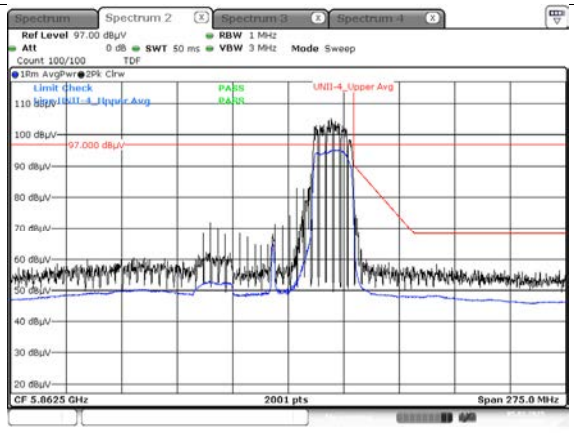
Average result (802.11ax(HE80) Ch.171, 52T RU 52)



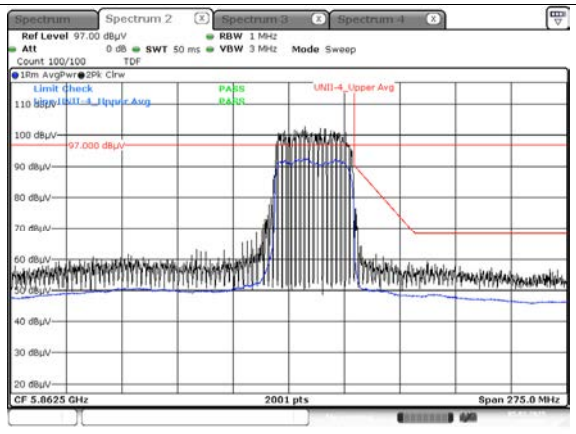
Average result (802.11ax(HE80) Ch.171, 106T RU 60)



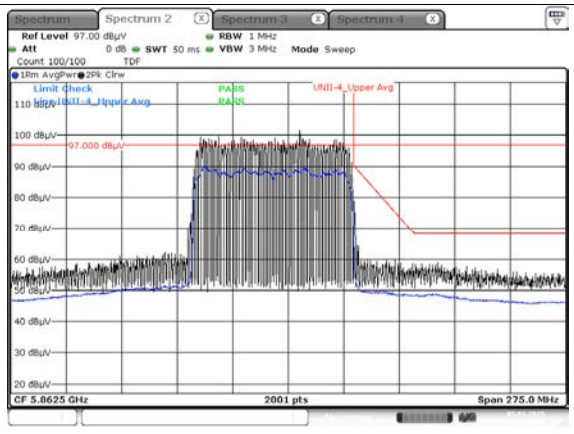
Average result (802.11ax(HE80) Ch.171, 242T RU 64)



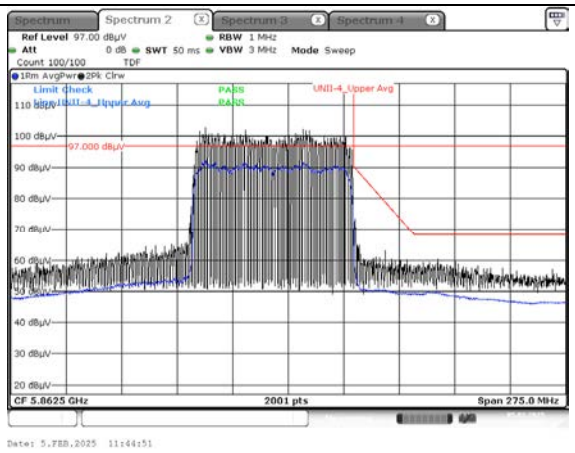
Average result (802.11ax(HE80) Ch.171, 484T RU 66)



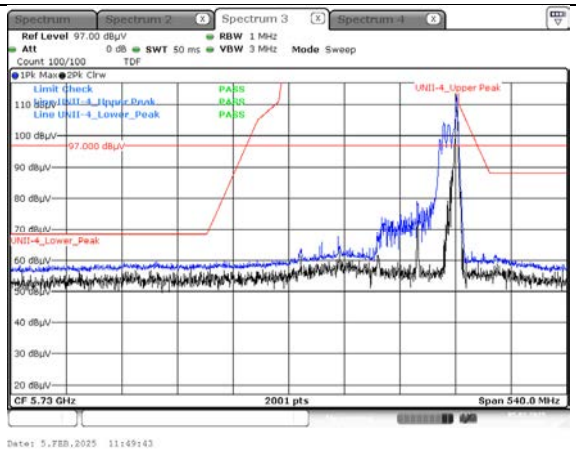
Average result (802.11ax(HE80) Ch.171, 996T RU 67)



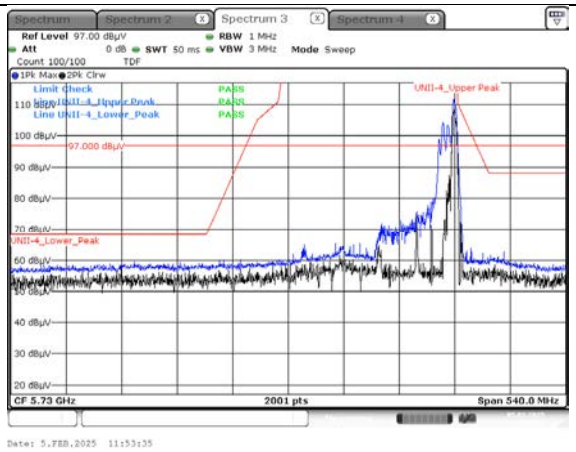
Average result (802.11ax(HE80) Ch.171, SU)



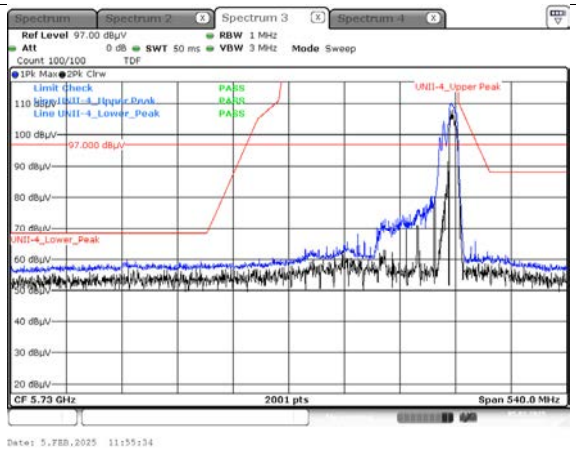
Peak result (802.11ax(HE80) Ch.171, 26T RU 36)



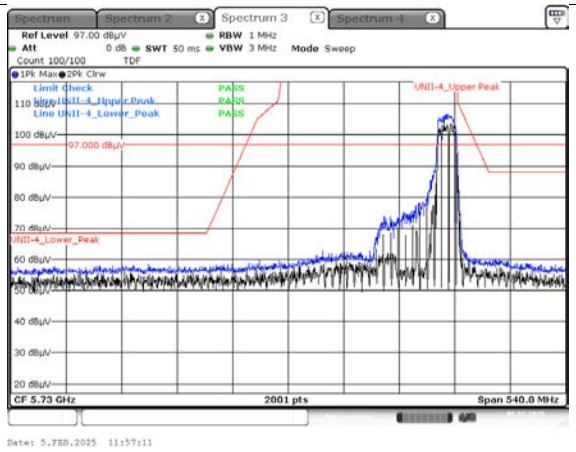
Peak result (802.11ax(HE80) Ch.171, 52T RU 52)



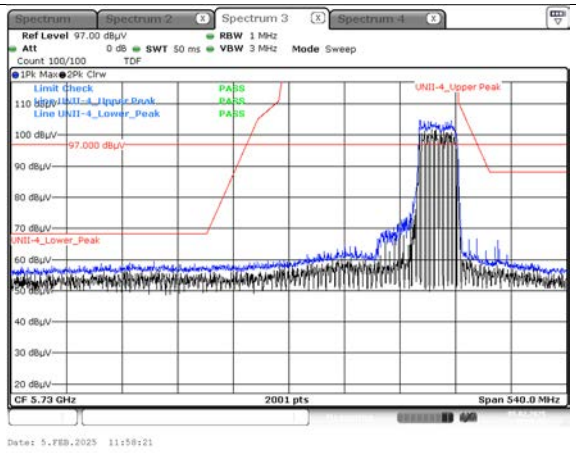
Peak result (802.11ax(HE80) Ch.171, 106T RU 60)



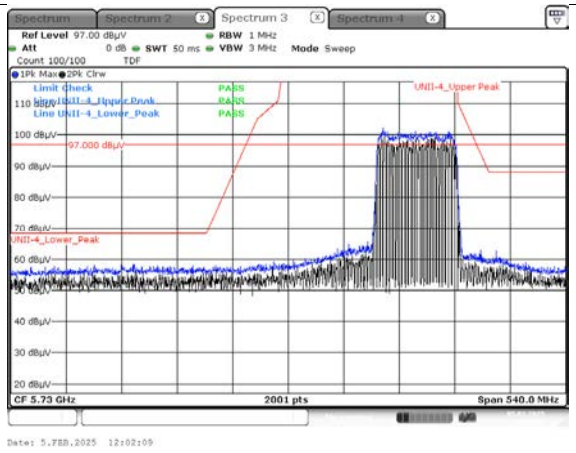
Peak result (802.11ax(HE80) Ch.171, 242T RU 64)



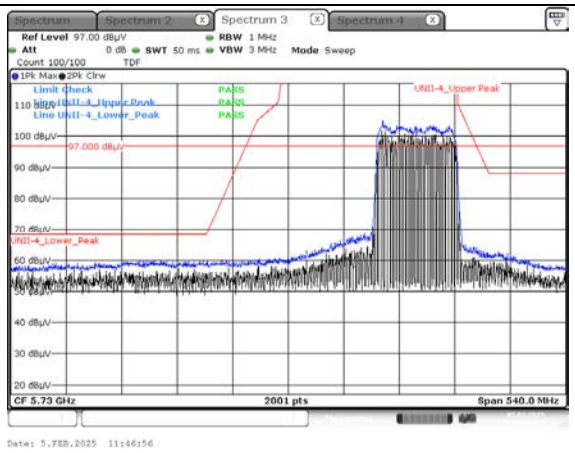
Peak result (802.11ax(HE80) Ch.171, 484T RU 66)



Peak result (802.11ax(HE80) Ch.171, 996T RU 67)



Peak result (802.11ax(HE80) Ch.171, SU)



Note :

1. Only the worst case plots for U-NII-4 O.O.B.E
2. U-NII-4 Low & High O.O.B.E RedLine is Final Test Limit about factor value compensation.

11. LIST OF TESTEQUIPMENT

Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	07/17/2025	Annual
EMI Test Receiver	ESR	Rohde & Schwarz	101910	07/02/2025	Annual
Temperature Chamber	SU-642	ESPEC	93022487	06/27/2025	Annual
Signal Analyzer	N9030A	Keysight	MY55410508	08/23/2025	Annual
Power Measurement Set	OSP 120	Rohde & Schwarz	100935	08/01/2025	Annual
Power Meter	N1911A	Agilent	MY45100523	02/28/2025	Annual
Power Sensor	N1921A	Agilent	MY57820067	02/04/2026	Annual
Directional Coupler	87300B	Agilent	3116A03621	10/21/2025	Annual
Power Splitter	11667B	Hewlett Packard	10545	01/23/2026	Annual
DC Power Supply	E3632A	Agilent	KR75305528	12/24/2025	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C-010	Agilent	08285	05/28/2025	Annual
Attenuator(20 dB)	18N-20dB	Rohde & Schwarz	8	02/20/2025	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
FCC WLAN&BT&BLE Conducted Test Software v3.0	N/A	HCT CO., LTD.	N/A	N/A	N/A
Bluetooth Tester	CBT	Rohde & Schwarz	100752	12/27/2025	Annual

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Controller(Antenna mast)	CO3000	Innco system	CO3000-4p	N/A	N/A
Antenna Position Tower	MA4640/800-XP-EP	Innco system	S3AM	07/30/2025	Annual
Controller	EM2090	Emco	060520	N/A	N/A
Turn Table	N/A	Ets	N/A	N/A	N/A
Amp & Filter Bank Switch Controller	FBSM-01A	TNM system	0	N/A	N/A
Loop Antenna	FMZB 1513	Rohde & Schwarz	1513-333	03/07/2026	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-0895	08/28/2026	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-1191	11/07/2025	Biennial
Horn Antenna(15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170124	03/28/2025	Biennial
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments	2	12/26/2025	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	5	06/04/2025	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	6	06/04/2025	Annual
Band Reject Filter	WRCJV5100/5850-40/50-8EEK	Wainwright Instruments	1	01/09/2026	Annual
RF Switching System	FBSR-03A (3G HPF+LNA)	T&M SYSTEM	S3L1	10/31/2025	Annual
RF Switching System	FBSR-03A (10dB ATT+LNA)	T&M SYSTEM	S3L2	10/31/2025	Annual
RF Switching System	FBSR-03A (7G HPF+LNA)	T&M SYSTEM	S3L3	10/31/2025	Annual
RF Switching System	FBSR-03A (3dB ATT+LNA)	T&M SYSTEM	S3L4	10/31/2025	Annual
Power Amplifier	CBL18265035	CERNEX	22966	11/07/2025	Annual
Power Amplifier	CBL26405040	CERNEX	25956	02/26/2025	Annual
Bluetooth Tester	TC-3000C	TESCOM	3000C000175	03/19/2025	Annual
Spectrum Analyzer	FSV40 (9 kHz ~ 40 GHz)	Rohde & Schwarz	100900	08/27/2025	Annual

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.
3. Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5(Version : 2017).

12. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2502-FC033-P