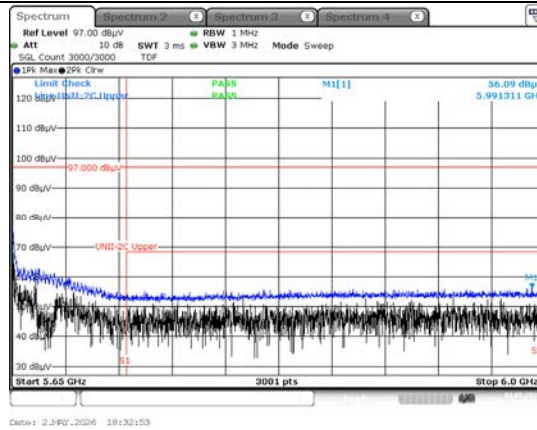
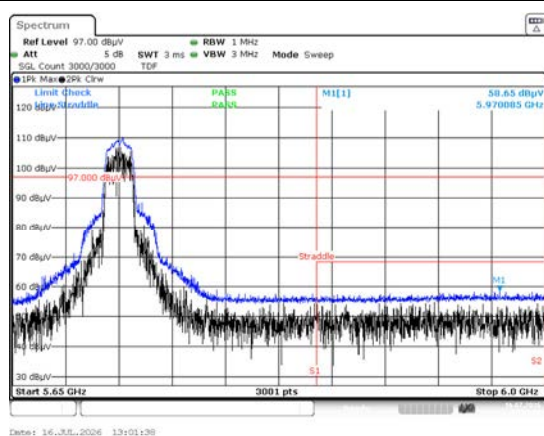


Peak Result (802.11ac_VHT80, Ch.122, X-H)

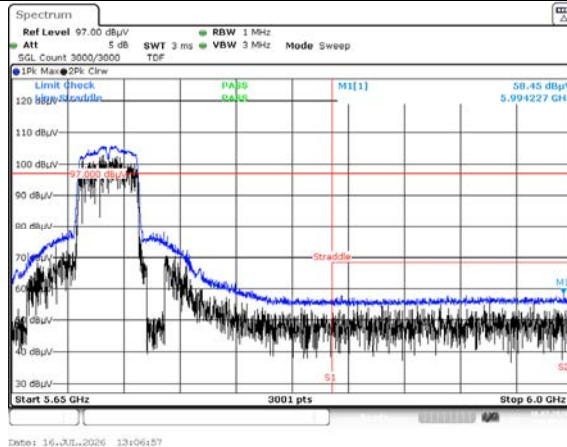


■ Test Plots(Straddle Channel)
[SISO_Ant.1]

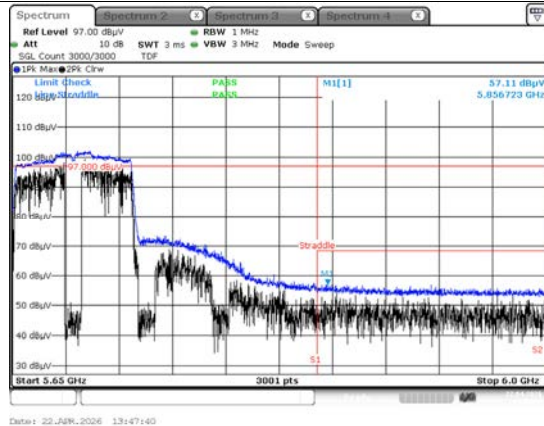
Peak Result (802.11ac_VHT20, Ch.144, Z-V)



Peak Result (802.11ac_VHT40, Ch.142, Z-V)



Peak Result (802.11ac_VHT80, Ch.138, Z-V)

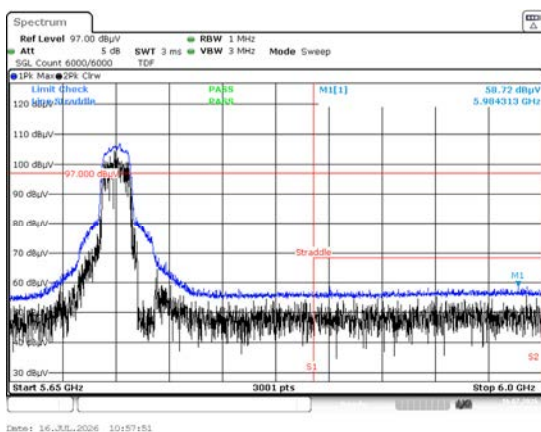


Note :

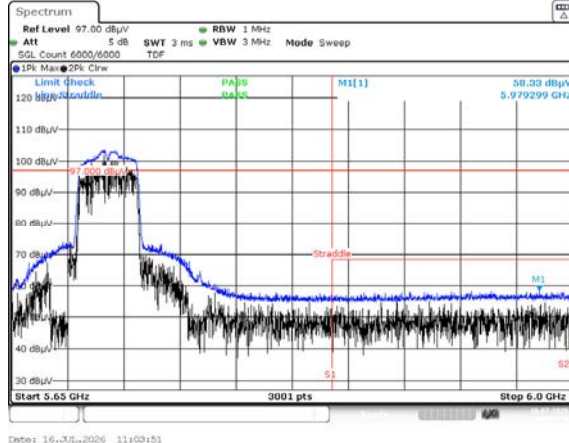
1. Only the worst case plots for Straddle channel.
2. Red line : 5 850 MHz

[SISO_Ant.2]

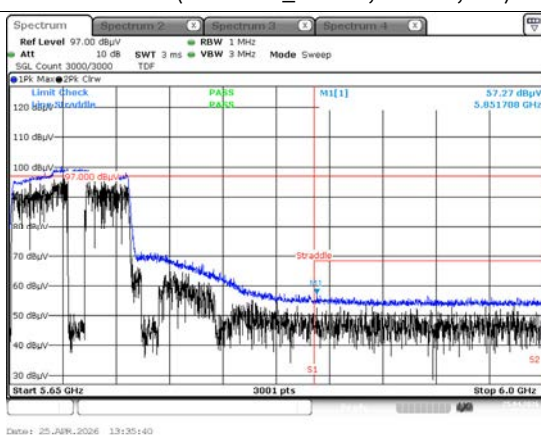
Peak Result (802.11ac_VHT20, Ch.144, Y-V)



Peak Result (802.11ac_VHT40, Ch.142, Y-V)



Peak Result (802.11ac_VHT80, Ch.138, Y-V)

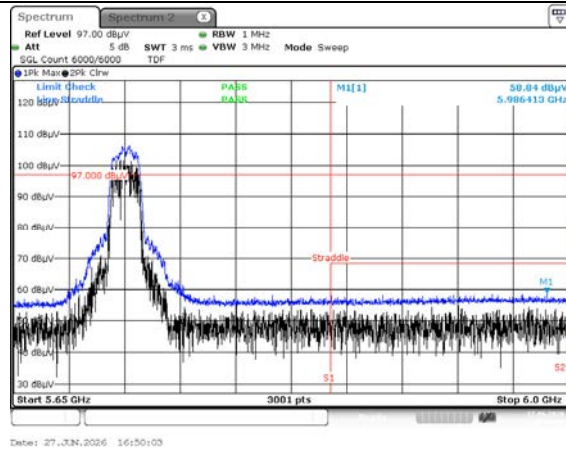


Note:

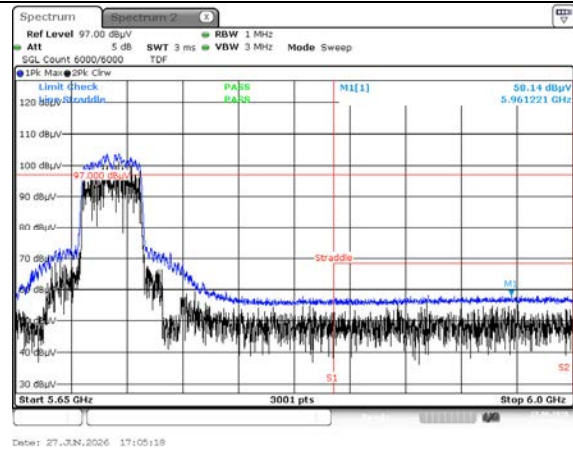
1. Only the worst case plots for Straddle channel.
2. Red line : 5 850 MHz

[MIMO_CDD(Ant1+Ant2)]

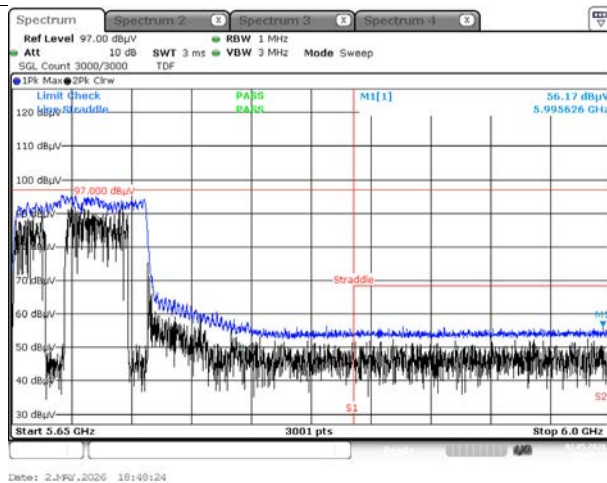
Peak Result (802.11ac_VHT20, Ch.144, X-H)



Peak Result (802.11ac_VHT40, Ch.142, X-H)



Peak Result 80M, (802.11ac_VHT80, Ch.138, X-H)

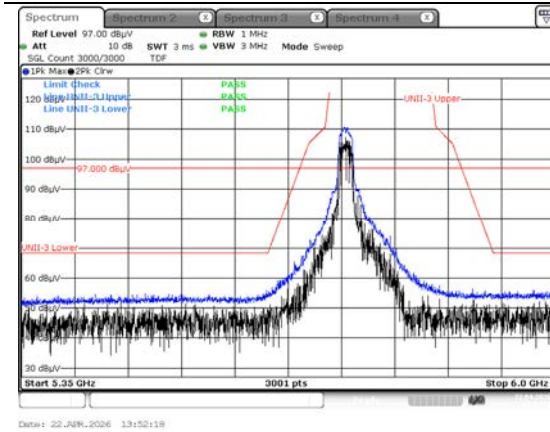


Note :

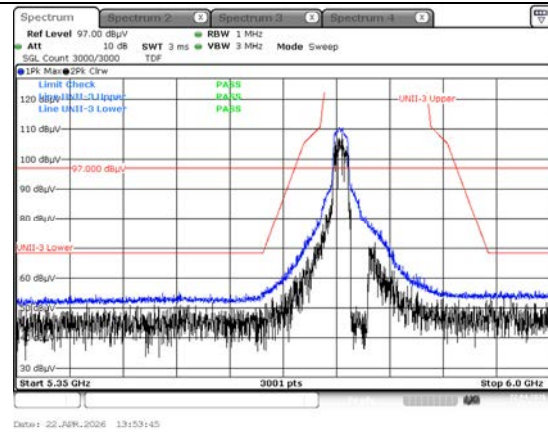
1. Only the worst case plots for Straddle channel.
2. Red line : 5 850 MHz

☐ Test Plots(UNII 3)
[SISO_Ant.1]

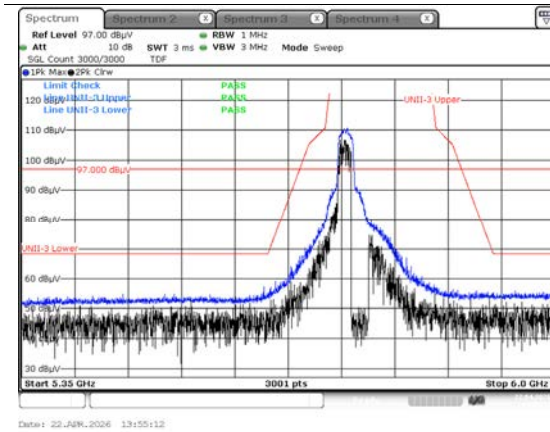
Peak Result (802.11a, Ch.149, Z-V)



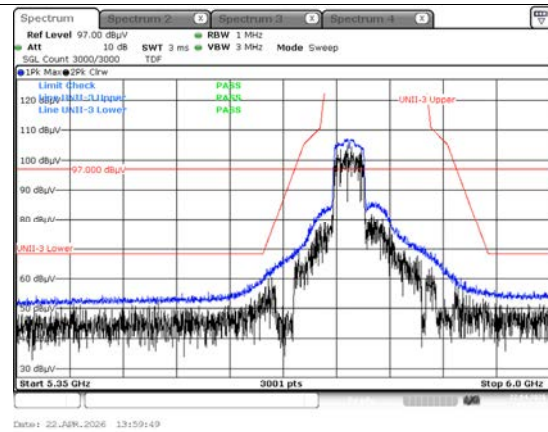
Peak Result (802.11n_HT20, Ch.149, Z-V)



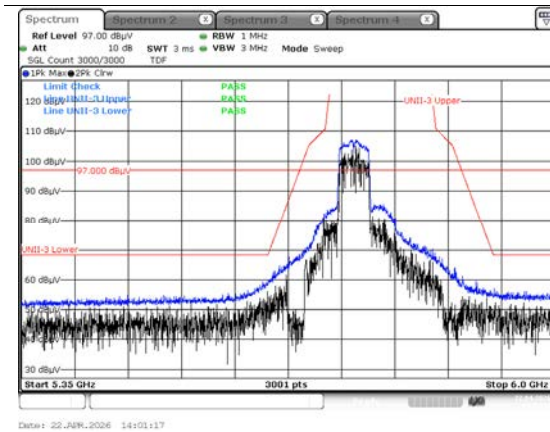
Peak Result (802.11ac_VHT20, Ch.149, Z-V)



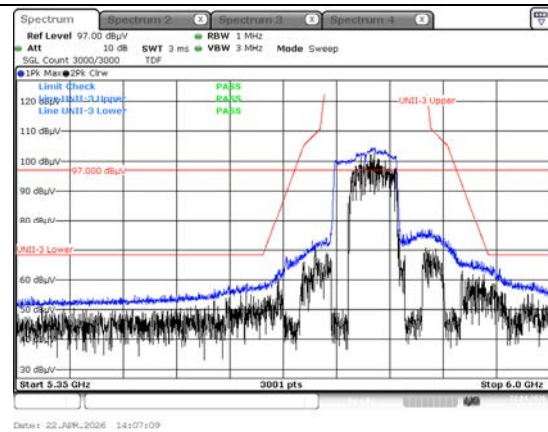
Peak Result (802.11n_HT40, Ch.151, Z-V)



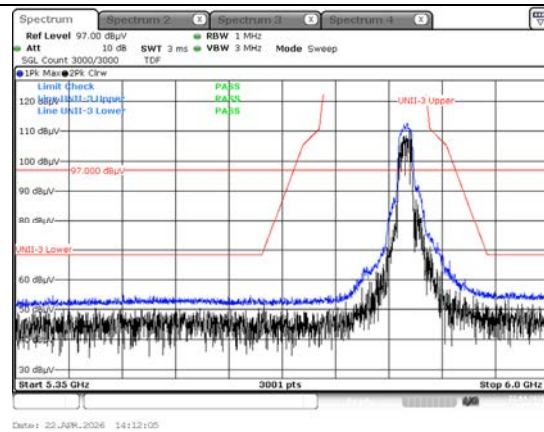
Peak Result (802.11ac_VHT40, Ch.151, Z-V)



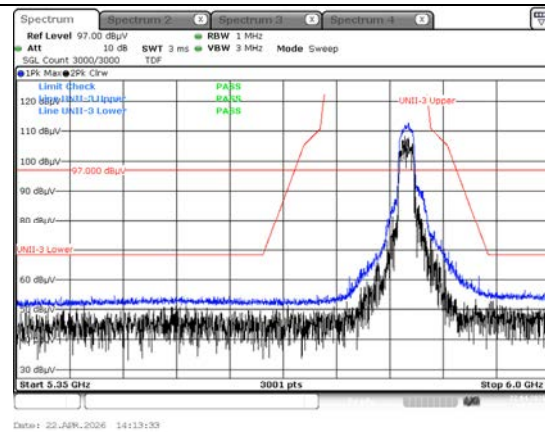
Peak Result (802.11ac_VHT80, Ch.155, Z-V)



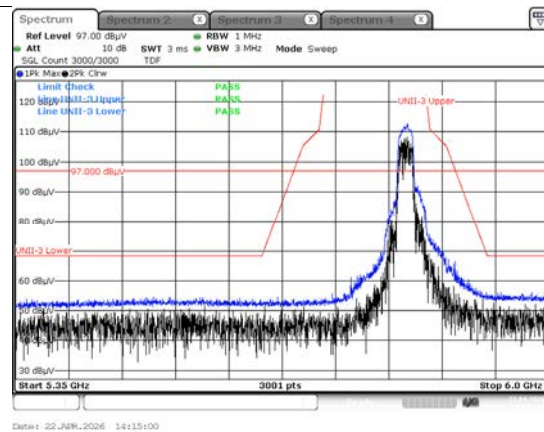
Peak Result (802.11a, Ch.165, Z-V)



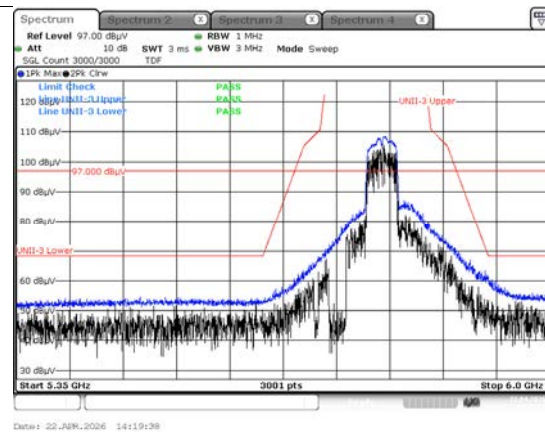
Peak Result (802.11n_HT20, Ch.165, Z-V)



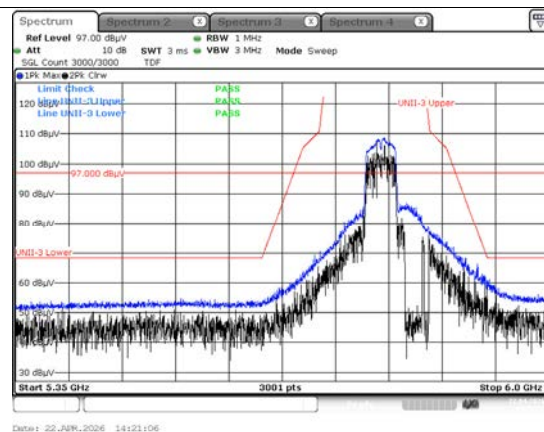
Peak Result (802.11ac_VHT20, Ch.165, Z-V)



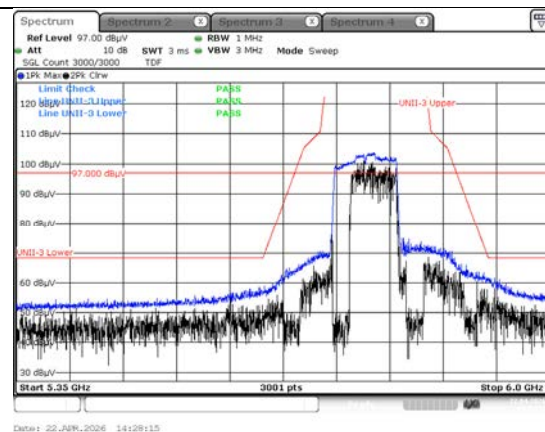
Peak Result (802.11n_HT40, Ch.159, Z-V)



Peak Result (802.11ac_VHT40, Ch.159, Z-V)



Peak Result (802.11ac_VHT80, Ch.155, Z-V)

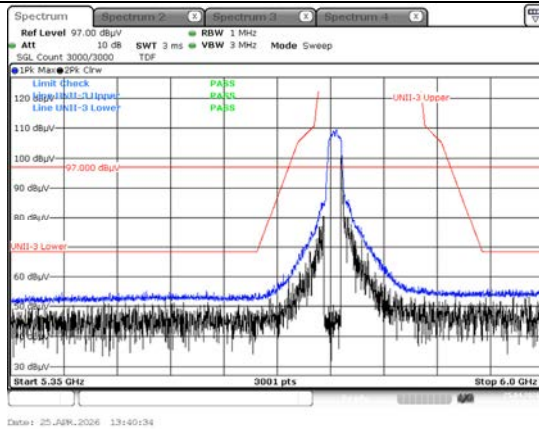


Note :

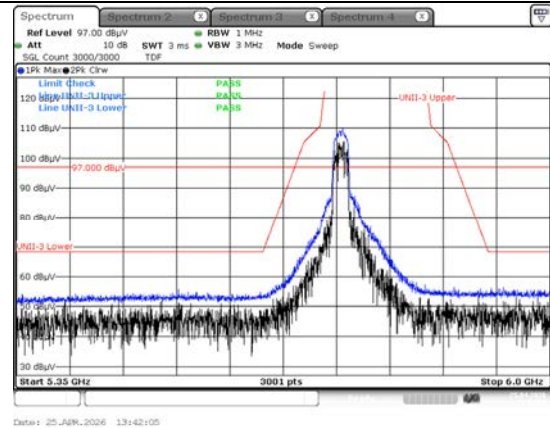
1. Only the worst case plots for U-NII-3 Out of Band e.i.r.p Emission.

[SISO_Ant.2]

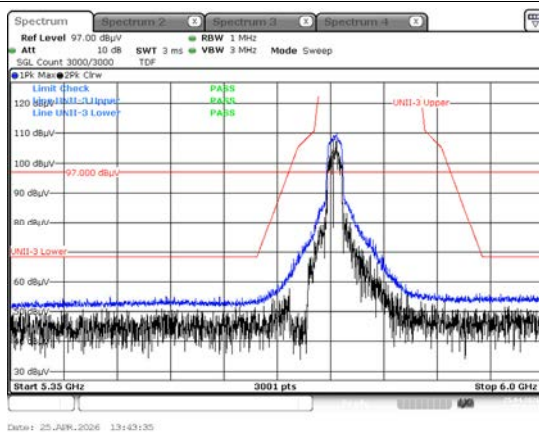
Peak Result (802.11a, Ch.149, Y-V)



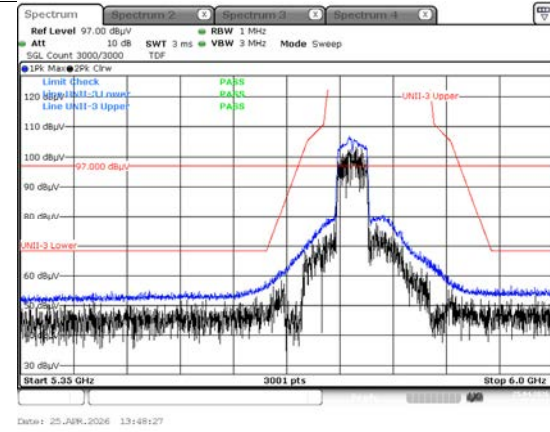
Peak Result (802.11n_HT20, Ch.149, Y-V)



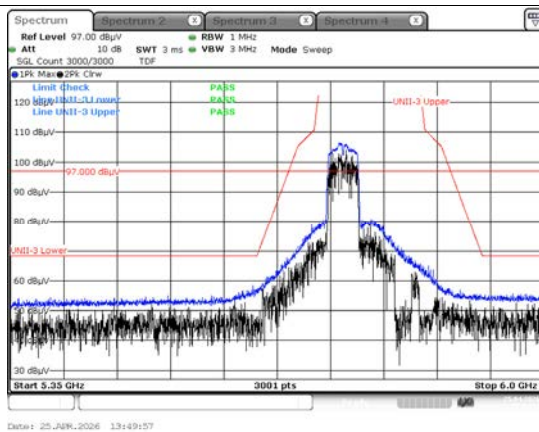
Peak Result (802.11ac_VHT20, Ch.149, Y-V)



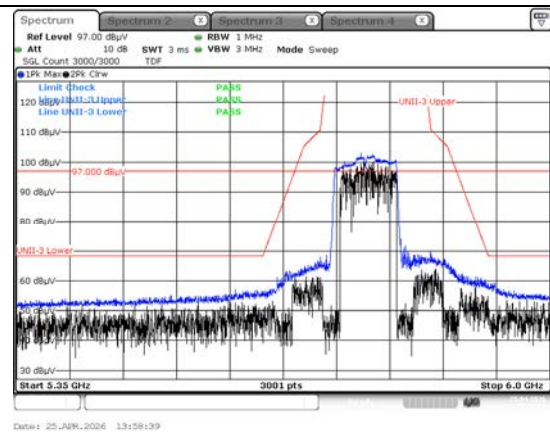
Peak Result (802.11n_HT40, Ch.151, Y-V)



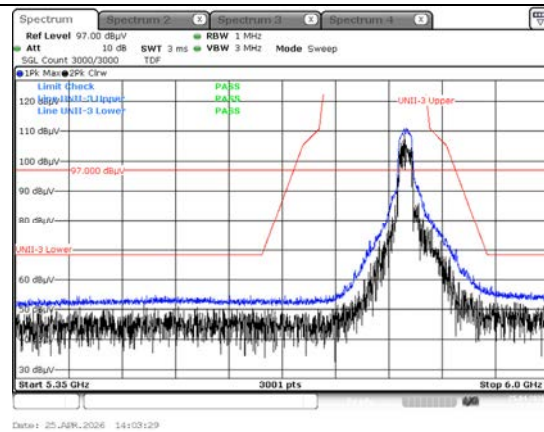
Peak Result (802.11ac_VHT40, Ch.151, Y-V)



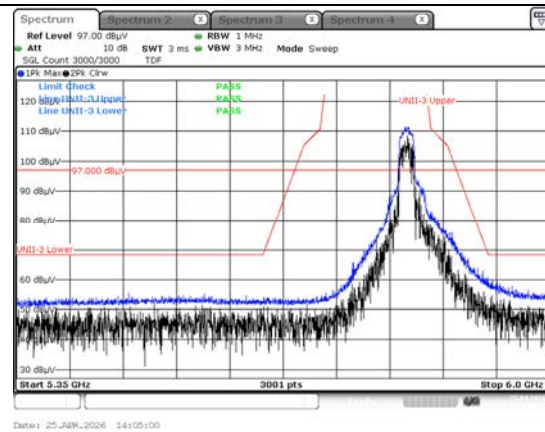
Peak Result (802.11ac_VHT80, Ch.155, Y-V)



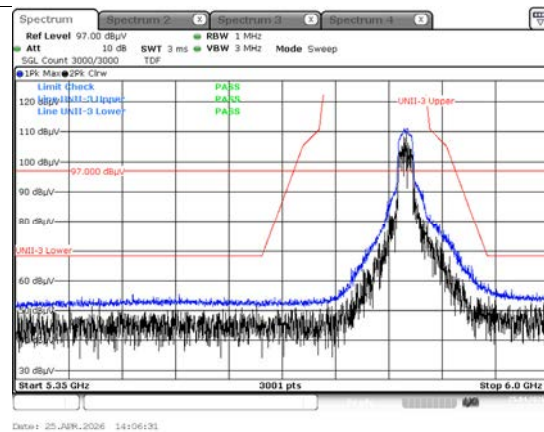
Peak Result (802.11a, Ch.165, Y-V)



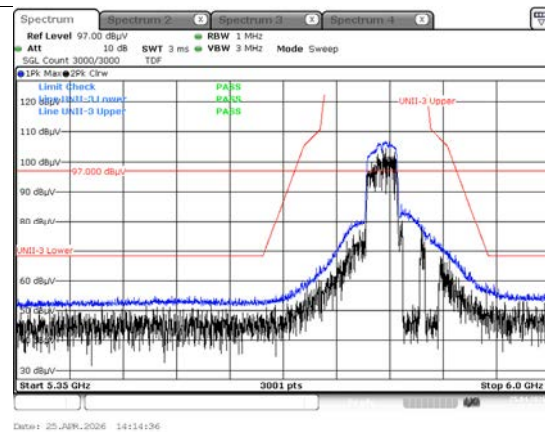
Peak Result (802.11n_HT20, Ch.165, Y-V)



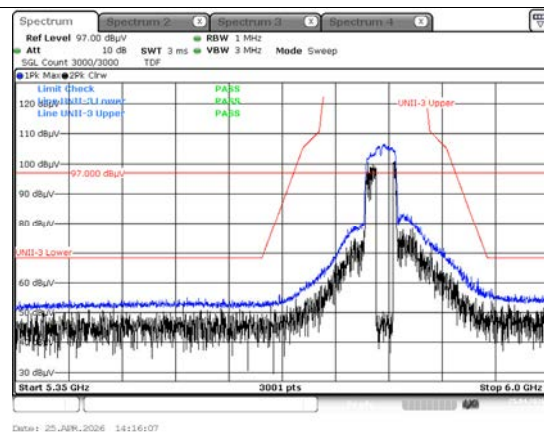
Peak Result (802.11ac_VHT20, Ch.165, Y-V)



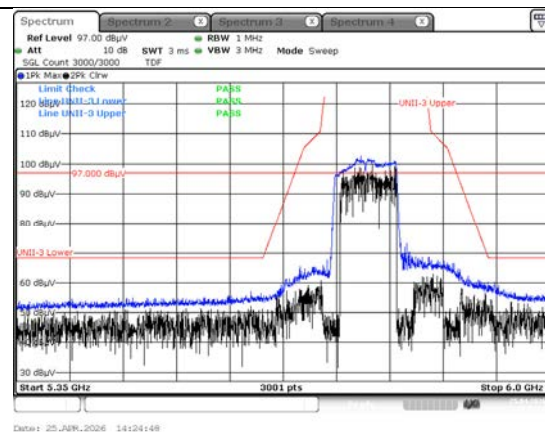
Peak Result (802.11n_HT40, Ch.159, Y-V)



Peak Result (802.11ac_VHT40, Ch.159, Y-V)



Peak Result (802.11ac_VHT80, Ch.155, Y-V)

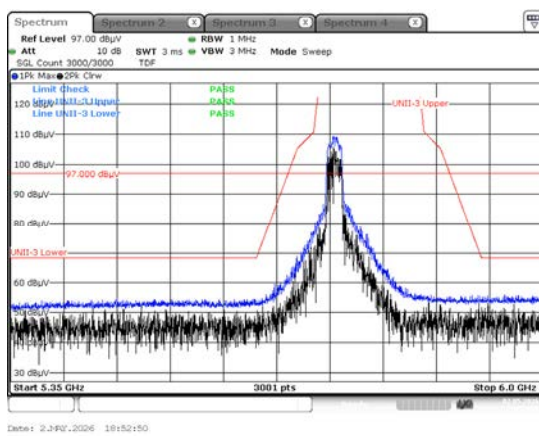


Note :

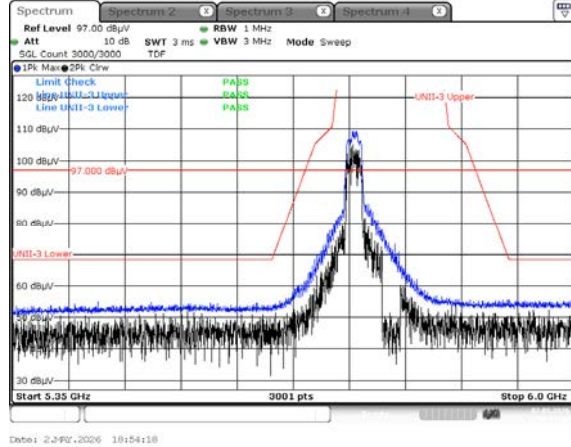
1. Only the worst case plots for U-NII-3 Out of Band e.i.r.p Emission.

[MIMO_CDD(Ant1+Ant2)]

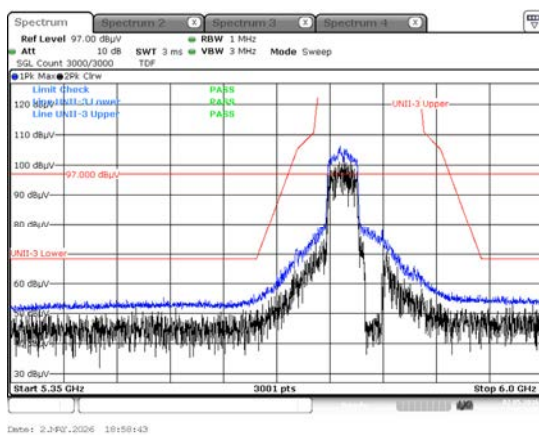
Peak Result (802.11n_HT20, Ch.149, X-H)



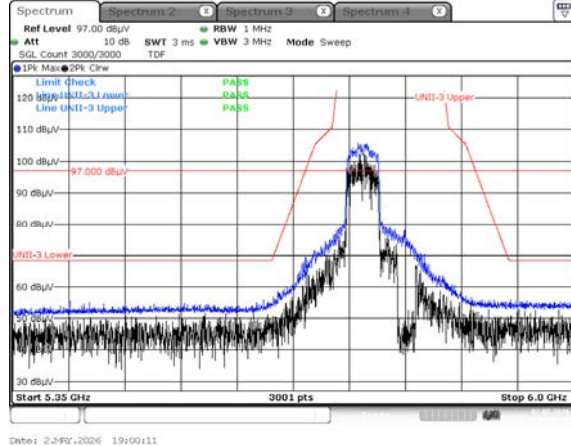
Peak Result (802.11ac_VHT20, Ch.149, X-H)



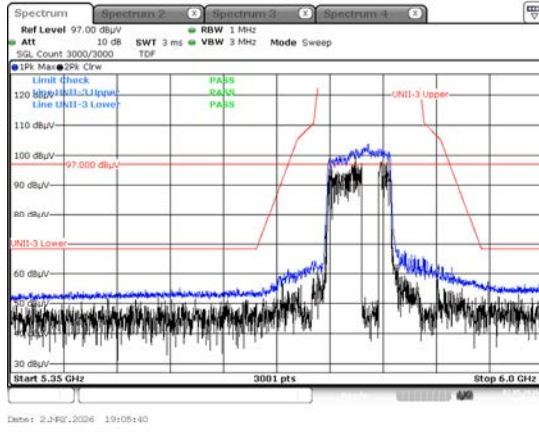
Peak Result (802.11n_HT40, Ch.151, X-H)



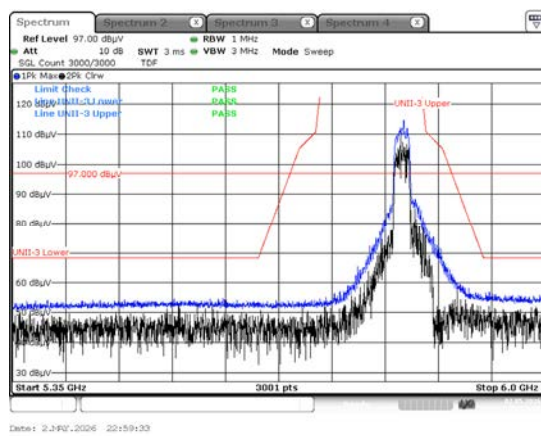
Peak Result (802.11ac_VHT40, Ch.151, X-H)



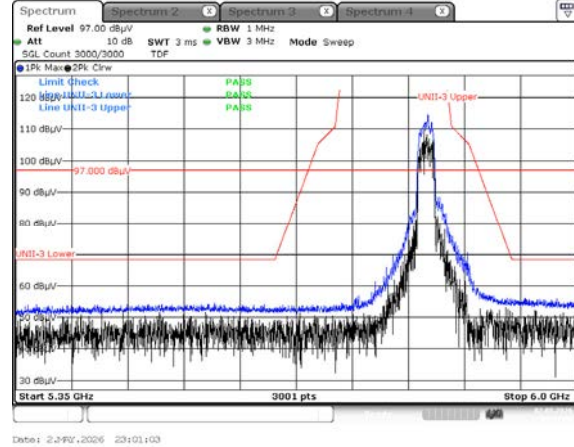
Peak Result (802.11ac_VHT80, Ch.155, X-H)



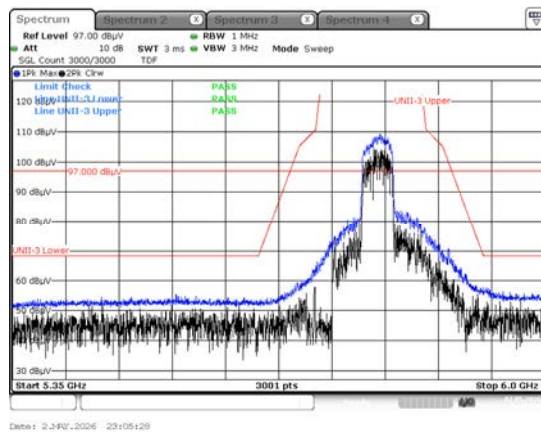
Peak Result (802.11n_HT20, Ch.165, X-H)



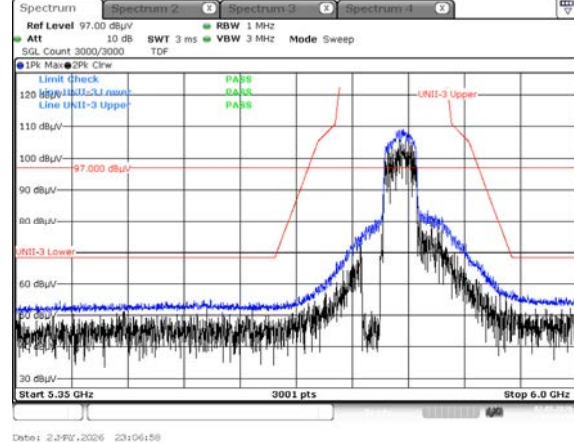
Peak Result (802.11ac_VHT20, Ch.165, X-H)



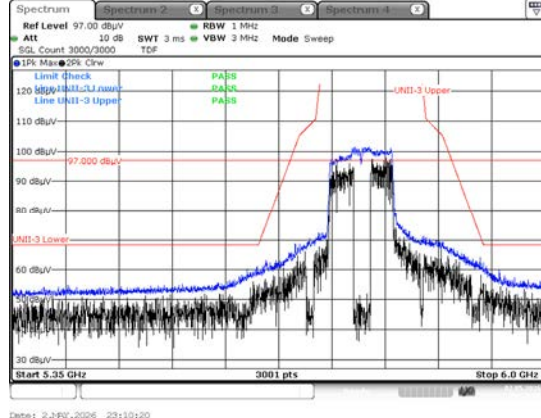
Peak Result (802.11n_HT40, Ch.159, X-H)



Peak Result (802.11ac_VHT40, Ch.159, X-H)



Peak Result (802.11ac_VHT80, Ch.155, X-H)



Note:

1. Only the worst case plots for U-NII-3 Out of Band e.i.r.p Emission.

10.10 POWERLINE CONDUCTED EMISSIONS

Conducted Emissions

Test

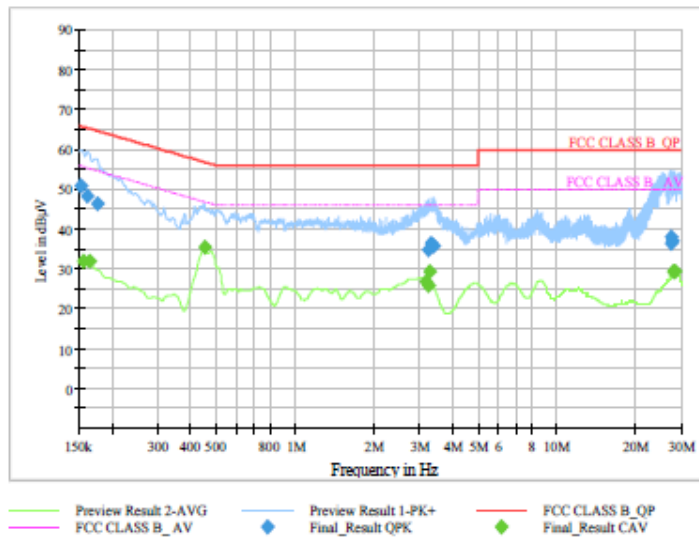
1 / 1

Test Report

Common Information

EUT : ETWMCBSL01
 Operating Conditions : 5G WLAN Mode
 Comment :

Full Spectrum



Final Result QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.1523	51.06	65.88	14.82	9.000	L1	9.7
0.1613	48.39	65.40	17.01	9.000	L1	9.7
0.1748	46.38	64.73	18.35	9.000	L1	9.7
3.2428	34.88	56.00	21.13	9.000	N	9.7
3.3035	36.36	56.00	19.64	9.000	N	9.7
3.3755	35.80	56.00	20.20	9.000	N	9.7
27.3515	38.08	60.00	21.92	9.000	N	9.9
27.5383	36.57	60.00	23.43	9.000	N	10.0
27.7273	37.07	60.00	22.93	9.000	N	10.0

Final Result CAV

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.1545	31.93	55.75	23.82	9.000	L1	9.7
0.1635	31.88	55.28	23.40	9.000	L1	9.7
0.4493	35.61	46.89	11.28	9.000	N	9.6
3.1685	26.88	46.00	19.12	9.000	N	9.7
3.2428	26.04	46.00	19.96	9.000	N	9.7
3.2720	29.42	46.00	16.58	9.000	N	9.7
28.0288	29.50	50.00	20.50	9.000	L1	10.0
28.0895	29.52	50.00	20.48	9.000	L1	10.0
28.3370	29.44	50.00	20.56	9.000	L1	10.0

2026-05-08

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11. LIST OF TEST EQUIPMENT

Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	07/10/2027	Annual
EMI Test Receiver	ESR7	Rohde & Schwarz	101910	07/09/2027	Annual
Chamber	SU-642	ESPEC	93022487	06/17/2027	Annual
Signal Analyzer	N9030B	Keysight	MY56320554	01/26/2027	Annual
Open switch and control platform	OSP 120	Rohde & Schwarz	100935	07/24/2026	Annual
Power Meter	N1911A	Agilent	MY45100523	02/13/2027	Annual
Wideband Power Sensor	N1921A	Keysight	MY57820067	01/26/2027	Annual
Directional Coupler	87300B	Agilent	3116A03621	10/14/2026	Annual
Power Splitter	11667B	Hewlett Packard	10545	01/15/2027	Annual
DC Power Supply	E3632A	Agilent	MY50360067	01/27/2027	Annual
Attenuator	10 dB	Sensor View	ATT10FC001	05/14/2027	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
Bluetooth Tester	CBT	Rohde & Schwarz	100752	12/22/2026	Annual
Radio Communication Tester	CMX500	Rohde&Schwarz	100325	09/29/2026	Annual
4 Way Power DIVIDER	4456-4	Narda	01640	04/13/2027	Annual
Step Attenuator	8310-202-F	Aeroflex/Weinschel	1070	03/18/2027	Annual
Automation Software	FCC WLAN Conducted	HCT CO., LTD	-	-	-
Automation Software	FCC Bluetooth Conducted	HCT CO.,LTD	-	-	-

Note:

- Equipment whose calibration due date was updated during the test period was not used between the previous due date and the update.
All reported measurements were performed using equipment within valid calibration.
- Especially, all antenna for measurement is calibrated in accordance with the requirements of ANSI C63.5-2017.

Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Antenna Mast Controller	CO3000	Innco systems GmbH	CO3000/1542/57580623/G	N/A	N/A
Antenna Mast	MA4640-XP-ET	Innco systems GmbH	9320422	03/24/2027	Biennial
Turn Table	DT2000-2t	Innco systems GmbH	5930623	N/A	N/A
Loop Antenna	FMZB 1513	Schwarzbeck Mess-Elektronik OHG	1513-175	06/24/2027	Biennial
Trilog Broadband Antenna	VULB 9168	Schwarzbeck Mess-Elektronik OHG	01135	08/19/2026	Biennial
Horn Antenna	BBHA 9120 D	Schwarzbeck Mess-Elektronik OHG	9120D-1151	07/11/2027	Biennial
Horn Antenna	BBHA 9170	Schwarzbeck Mess-Elektronik OHG	BBHA9170342	09/20/2026	Biennial
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments GmbH	2	12/11/2026	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments GmbH	5	03/19/2027	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments GmbH	6	03/19/2027	Annual
Band Reject Filter	WRCJV5100/5850-40/50-8EEK	Wainwright Instruments GmbH	1	01/07/2027	Annual
RF Switching System	FBSR-04C (HPF(3~18GHz) + LNA1(1~18GHz))	T&M system	S5L1	02/12/2027	Annual
RF Switching System	FBSR-04C (ATT(10dB) + LNA1(1~18GHz))	T&M system	S5L2	02/12/2027	Annual
RF Switching System	FBSR-04C (ATT(3dB) + LNA1(1~18GHz))	T&M system	S5L3	02/12/2027	Annual
RF Switching System	FBSR-04C (LNA1(1~18GHz))	T&M system	S5L4	02/12/2027	Annual
RF Switching System	FBSR-04C (HPF(7~18GHz) + LNA2(6~18GHz))	T&M system	S5L5	02/12/2027	Annual
RF Switching System	FBSR-04C (Thru(30MHz ~ 18GHz))	T&M system	S5L6	02/12/2027	Annual
Broadband LNA	CBL18265035	CERNEX	22966	10/21/2026	Annual
Broadband LNA	CBL26405040	CERNEX	25956	02/09/2027	Annual
Bluetooth Tester	TC-3000C	TESCOM	3000C000175	03/03/2027	Annual
Signal Analyzer	FSV40	Rohde & Schwarz	101510	09/17/2026	Annual
Attenuator	18B-03	API Technologies	1	04/13/2027	Annual
Automation Software	FCC WLAN Radiated	HCT CO., LTD	-	-	-

Note:

- Equipment whose calibration due date was updated during the test period was not used between the previous due date and the update.
All reported measurements were performed using equipment within valid calibration.
- Especially, all antenna for measurement is calibrated in accordance with the requirements of ANSI C63.5-2017.

12. ANNEX A_TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2605-FC022-P