19:49:40 19.04.2023

11A-MIMO_Ant1_5280

19:50:49 19.04.2023

11A-MIMO_Ant2_5280

19:51:30 19.04.2023

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11A-MIMO_Ant1_5320

19:52:27 19.04.2023

11A-MIMO_Ant2_5320

19:53:08 19.04.2023

11A-MIMO_Ant1_5500

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19:54:10 19.04.2023

11A-MIMO_Ant2_5500

19:54:51 19.04.2023

11A-MIMO_Ant1_5580

19:55:48 19.04.2023

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11A-MIMO_Ant2_5580

19:56:29 19.04.2023

11A-MIMO_Ant1_5700

19:57:44 19.04.2023

11A-MIMO_Ant2_5700

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19:58:25 19.04.2023

11BE20MIMO_Ant1_5180

16:29:52 25.04.2023

11BE20MIMO_Ant2_5180

16:30:31 25.04.2023

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11BE20MIMO_Ant1_5200

16:31:42 25.04.2023

11BE20MIMO_Ant2_5200

16:32:20 25.04.2023

11BE20MIMO_Ant1_5240

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16:33:16 25.04.2023

11BE20MIMO_Ant2_5240

16:33:55 25.04.2023

11BE20MIMO_Ant1_5260

16:35:13 25.04.2023

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11BE20MIMO_Ant2_5260

16:35:51 25.04.2023

11BE20MIMO_Ant1_5280

16:36:50 25.04.2023

11BE20MIMO_Ant2_5280

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16:37:29 25.04.2023

11BE20MIMO_Ant1_5320

16:38:38 25.04.2023

11BE20MIMO_Ant2_5320

16:39:16 25.04.2023

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11BE20MIMO_Ant1_5500

16:40:20 25.04.2023

11BE20MIMO_Ant2_5500

16:40:58 25.04.2023

11BE20MIMO_Ant1_5580

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16:41:59 25.04.2023

11BE20MIMO_Ant2_5580

16:42:37 25.04.2023

11BE20MIMO_Ant1_5700

16:43:39 25.04.2023

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11BE20MIMO_Ant2_5700

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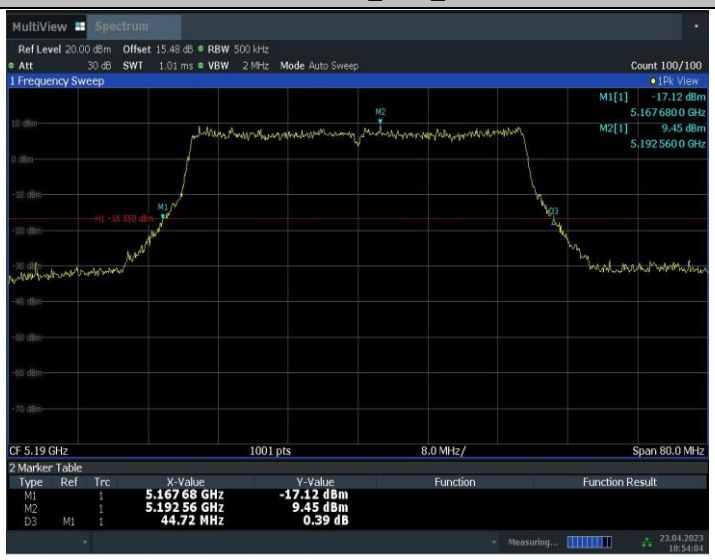
11BE40MIMO_Ant1_5190



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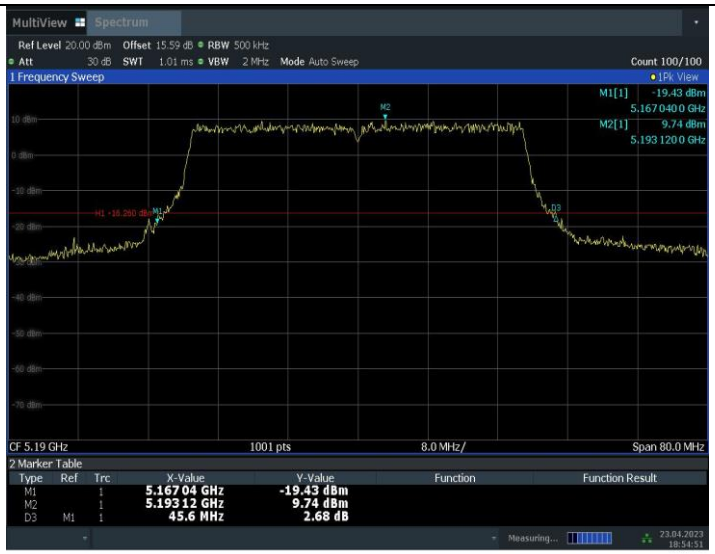

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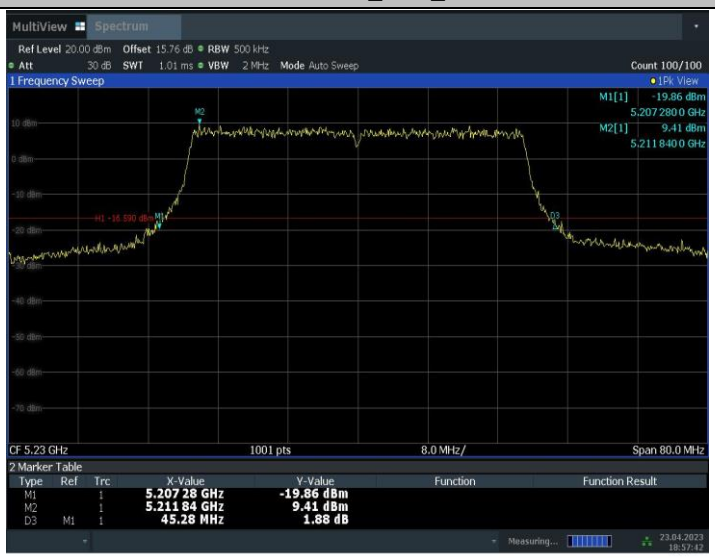

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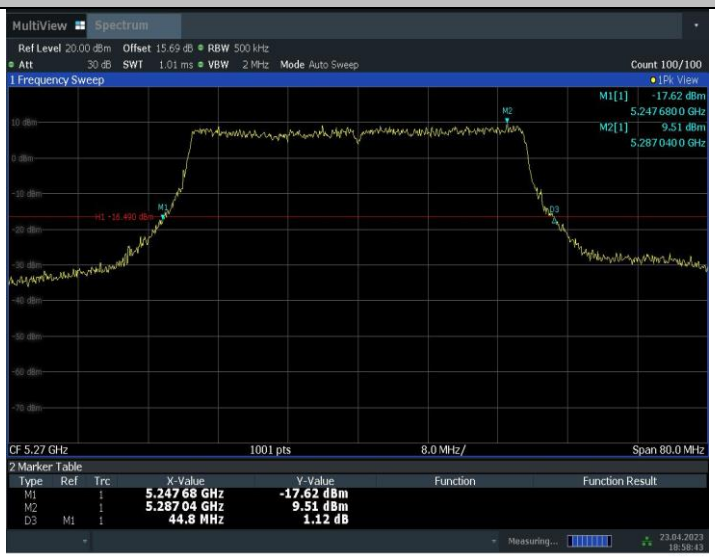
11BE40MIMO_Ant1_5270



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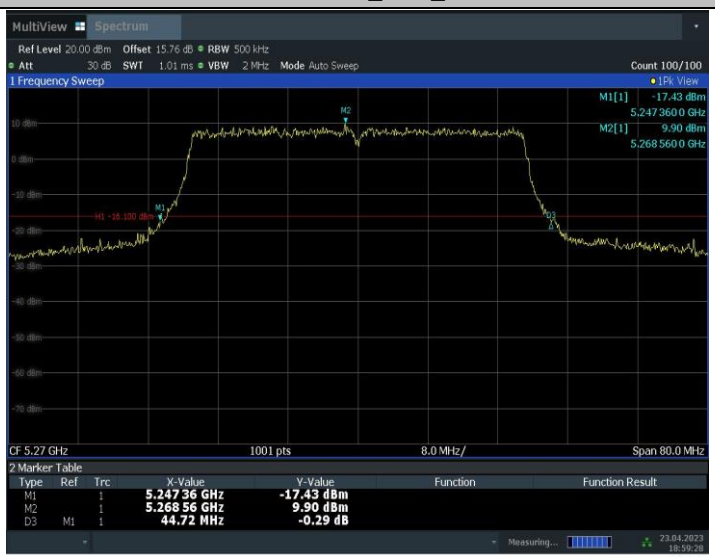

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11BE40MIMO_Ant1_5310

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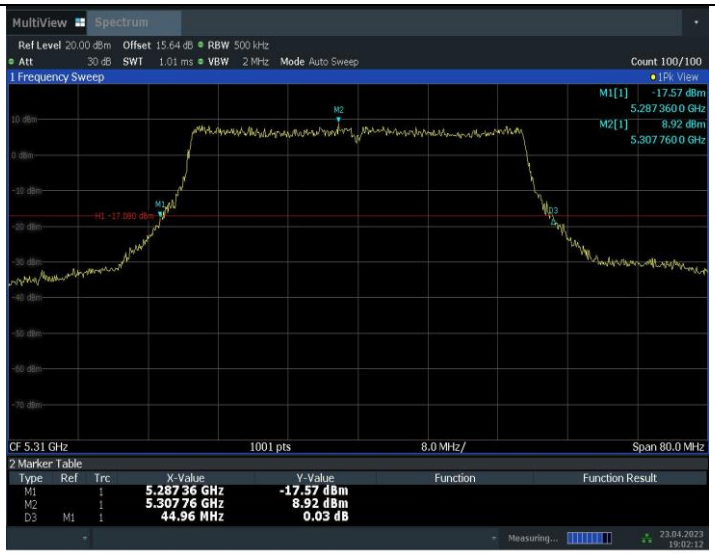

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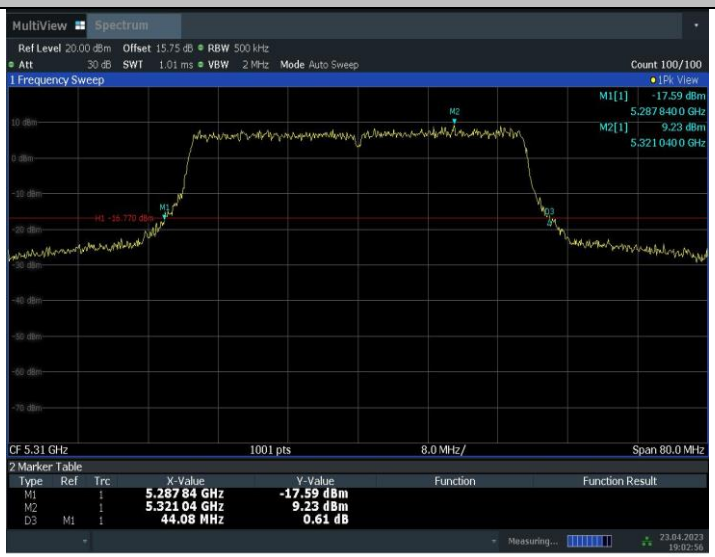

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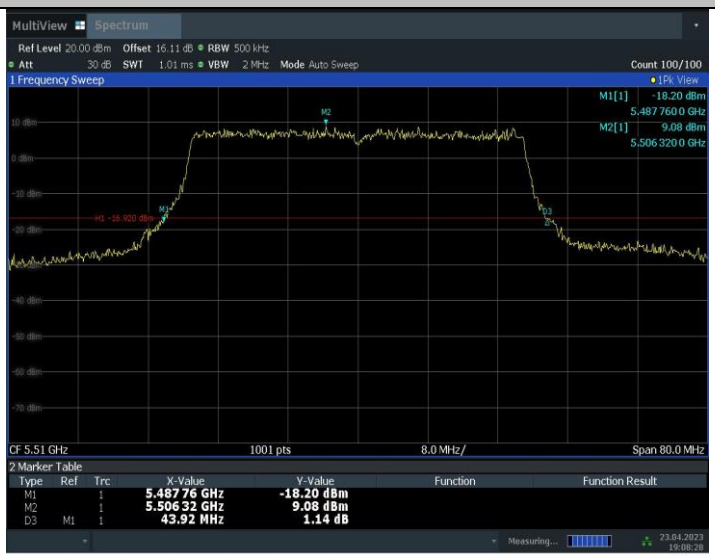

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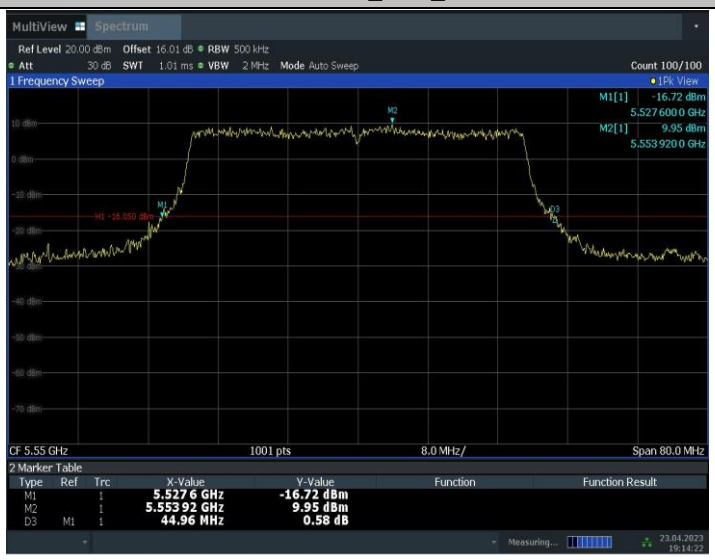

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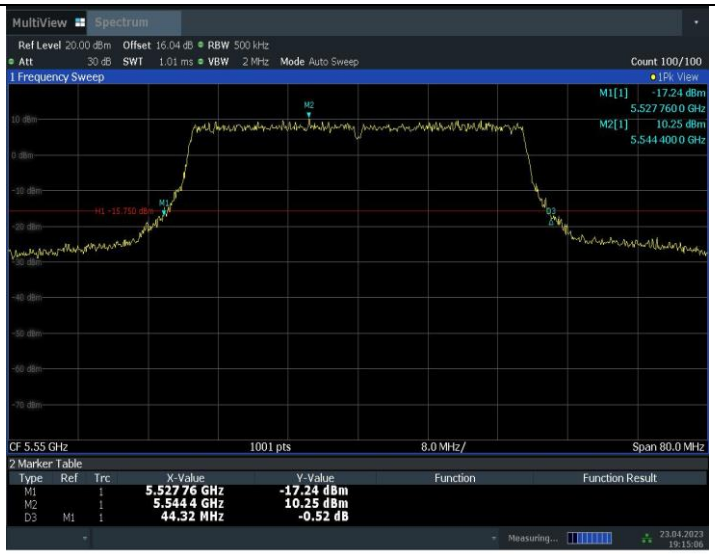

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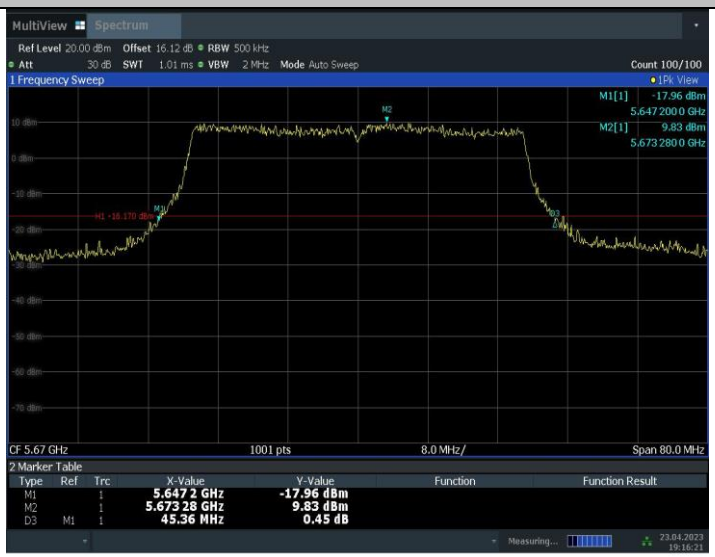

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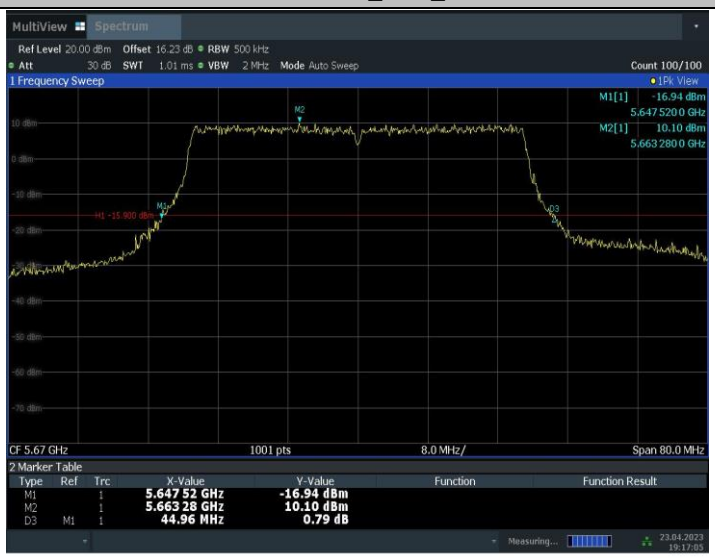

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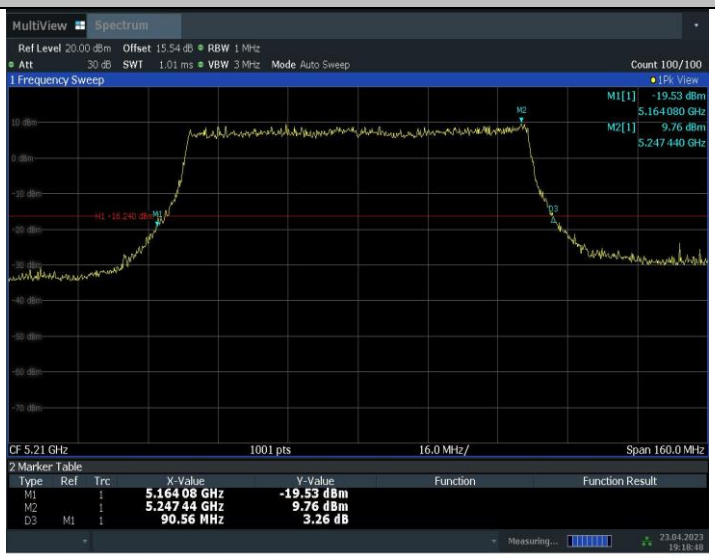
11BE80MIMO_Ant1_5210



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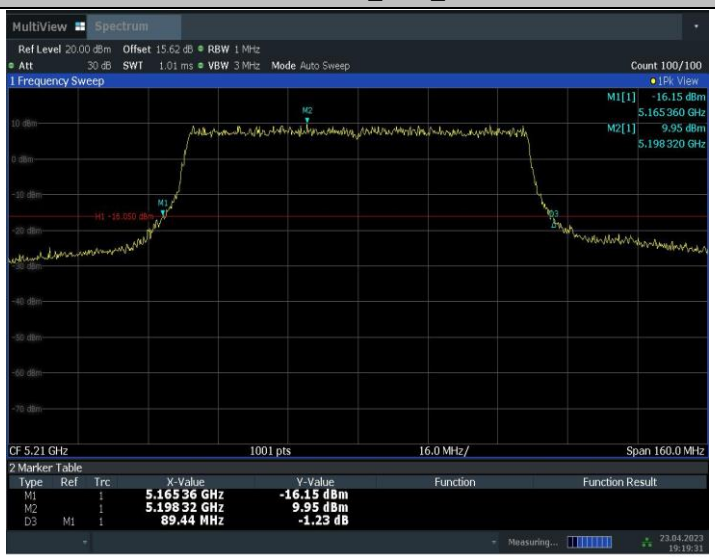

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11BE80MIMO_Ant1_5290

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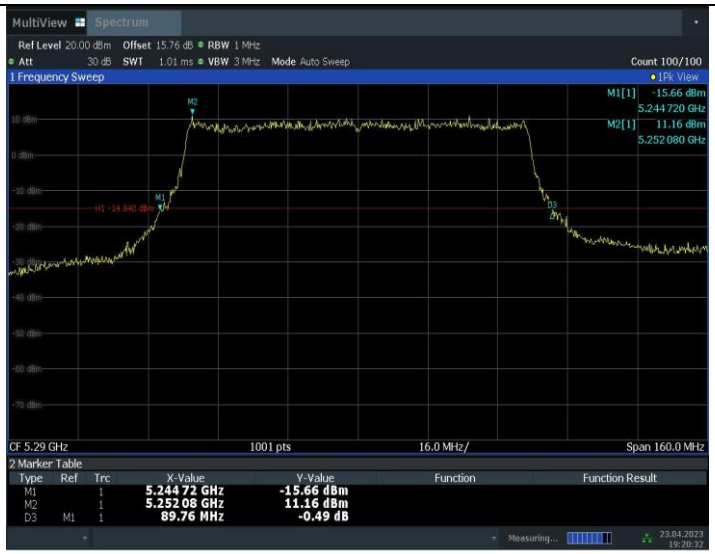

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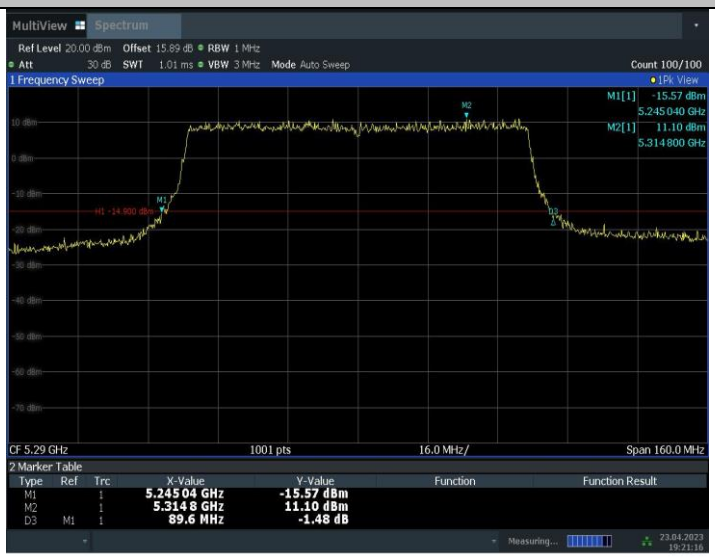

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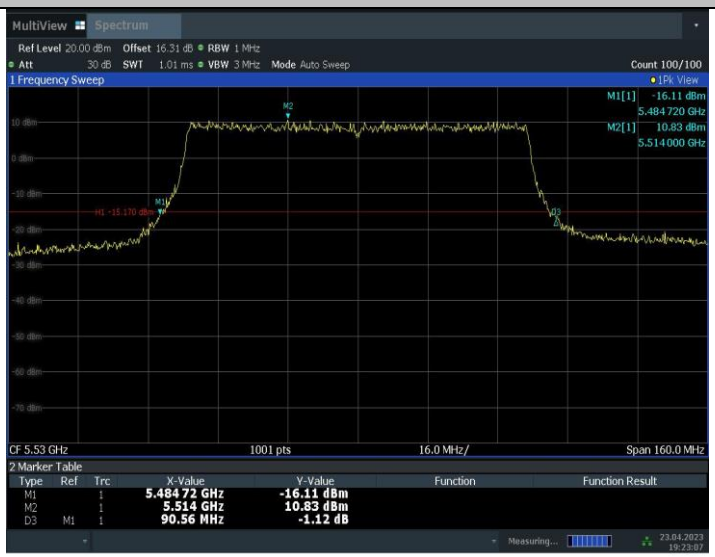
11BE80MIMO_Ant2_5530



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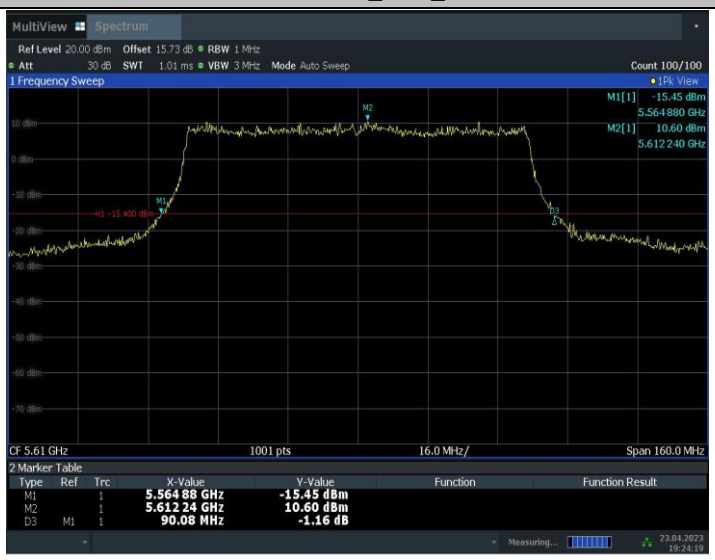

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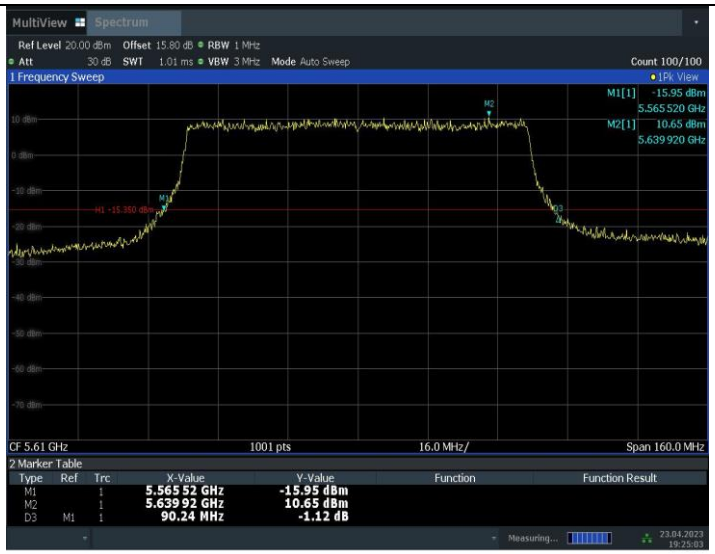

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11BE160MIMO_Ant1_5250

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11BE160MIMO_Ant2_5250

19:29:51 23.04.2023

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11BE160MIMO_Ant1_5570

11BE160MIMO_Ant2_5570

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A.5. Band Edges Compliance

A5.1 Band Edges - Radiated

Measurement Limit:

Standard	Limit (dB μ V/m)	
FCC 47 CFR Part 15.209	Peak	74
	Average	54

The measurement is made according to KDB 789033

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Measurement Uncertainty:

Measurement Uncertainty	0.75dB

Measurement Result:

802.11a mode

Mode	Channel	Conclusion
802.11a	5180 MHz	P
	5320 MHz	P
	5500 MHz	P
	5700 MHz	P

802.11n-HT20 mode

Mode	Channel	Conclusion
802.11n HT20	5180 MHz	P
	5320 MHz	P
	5500 MHz	P
	5700 MHz	P

802.11n-HT40 mode

Mode	Channel	Conclusion
802.11n HT40	5190 MHz	P
	5310 MHz	P
	5510 MHz	P
	5670 MHz	P

802.11ac-HT20 mode

Mode	Channel	Conclusion
802.11ac HT20	5180 MHz	P
	5320 MHz	P
	5500 MHz	P
	5700 MHz	P

802.11ac-HT40 mode

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Mode	Channel	Conclusion
802.11ac HT40	5190 MHz	P
	5310 MHz	P
	5510 MHz	P
	5670 MHz	P

802.11ac-HT80 mode

Mode	Channel	Conclusion
802.11ac HT80	5210MHz	P
	5290MHz	P
	5530MHz	P
	5610MHz	P

802.11ax-HT20 mode full RU

Mode	Channel	Conclusion
802.11ax HT20	5180 MHz	P
	5320 MHz	P
	5500 MHz	P
	5700 MHz	P

802.11ax-HT40 mode full RU

Mode	Channel	Conclusion
802.11ax HT40	5190 MHz	P
	5310 MHz	P
	5510 MHz	P
	5670 MHz	P

802.11ax-HT80 mode full RU

Mode	Channel	Conclusion
802.11ax HT80	5210 MHz	P
	5290 MHz	P
	5530 MHz	P
	5610 MHz	P

802.11ax-HT160 mode full RU

Mode	Channel	Conclusion
802.11ax HT160	5250 MHz	P
	5570 MHz	P

802.11ax-HT20 mode partial RU

Mode	Channel	RU	Conclusion
802.11ax HT20	5180 MHz	26RU index 0	P
	5320 MHz	26RU index 8	P
	5500 MHz	26RU index 0	P
	5700 MHz	26RU index 8	P

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802.11ax-HT40 mode partial RU

Mode	Channel	RU	Conclusion
802.11ax HT40	5190 MHz	26RU index 0	P
	5310 MHz	26RU index 17	P
	5510 MHz	26RU index 0	P
	5670 MHz	26RU index 17	P

802.11ax-HT80 mode partial RU

Mode	Channel	RU	Conclusion
802.11ax HT80	5210 MHz	26RU index 0	P
	5290 MHz	26RU index 36	P
	5530 MHz	26RU index 0	P
	5610 MHz	26RU index 36	P

802.11ax-HT160 mode partial RU

Mode	Channel	RU	Conclusion
802.11ax HT160	5250 MHz	26RU index 0	P
	5570 MHz	26RU index 72	P

802.11be-HT20 mode full RU

Mode	Channel	Conclusion
802.11be HT20	5180 MHz	P
	5320 MHz	P
	5500 MHz	P
	5700 MHz	P

802.11be-HT40 mode full RU

Mode	Channel	Conclusion
802.11be HT40	5190 MHz	P
	5310 MHz	P
	5510 MHz	P
	5670 MHz	P

802.11be-HT80 mode full RU

Mode	Channel	Conclusion
802.11be HT80	5210 MHz	P
	5290 MHz	P
	5530 MHz	P
	5610 MHz	P

802.11be-HT160 mode full RU

Mode	Channel	Conclusion
802.11be HT160	5250 MHz	P
	5570 MHz	P

802.11be-HT20 mode partial RU

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Mode	Channel	RU	Conclusion
802.11be HT20	5180 MHz	26RU index 0	P
	5320 MHz	26RU index 8	P
	5500 MHz	26RU index 0	P
	5700 MHz	26RU index 8	P

802.11be-HT40 mode partial RU

Mode	Channel	RU	Conclusion
802.11be HT40	5190 MHz	26RU index 0	P
	5310 MHz	26RU index 17	P
	5510 MHz	26RU index 0	P
	5670 MHz	26RU index 17	P

802.11be-HT80 mode partial RU

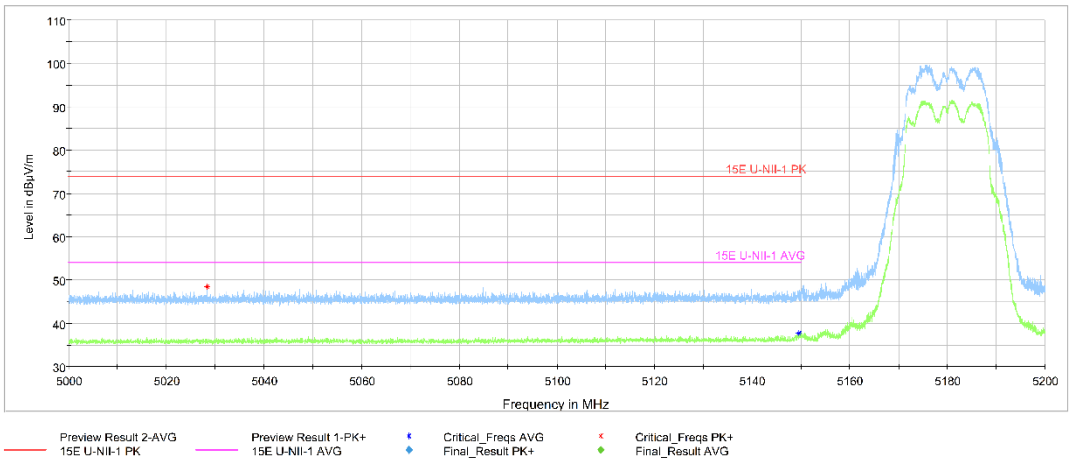
Mode	Channel	RU	Conclusion
802.11be HT80	5210 MHz	26RU index 0	P
	5290 MHz	26RU index 36	P
	5530 MHz	26RU index 0	P
	5610 MHz	26RU index 36	P

802.11be-HT160 mode partial RU

Mode	Channel	RU	Conclusion
802.11be HT160	5250 MHz	26RU index 0	P
	5570 MHz	26RU index 72	P

Conclusion: PASS

Test graphs as below:



Band Edges (802.11a MIMO,Ch36, 5180MHz)

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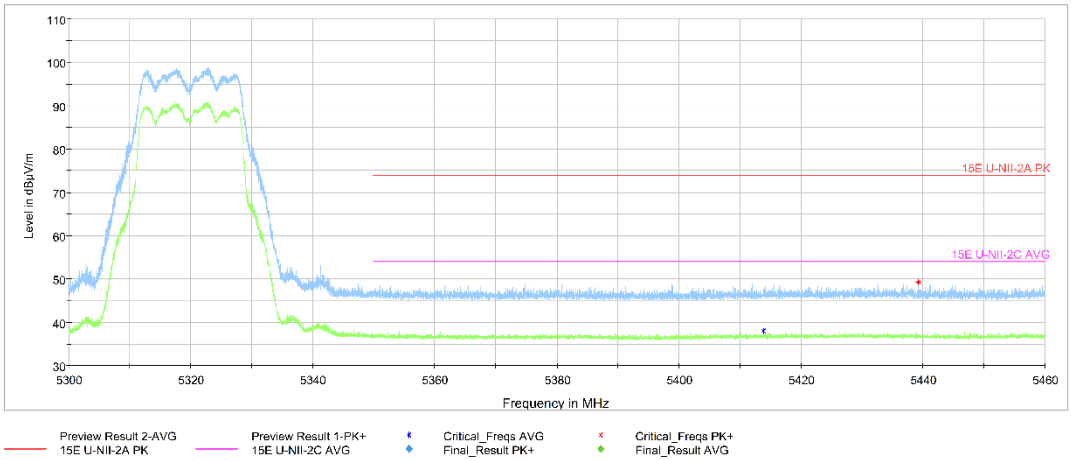
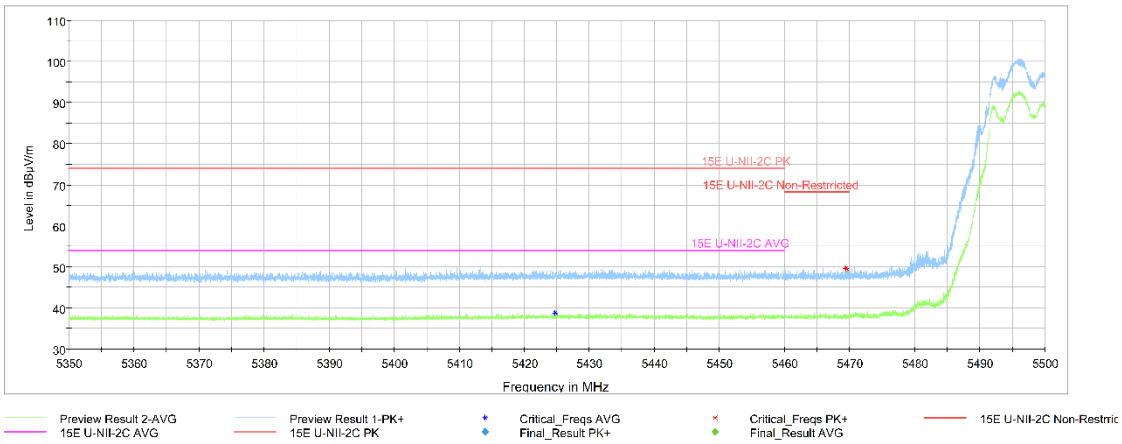
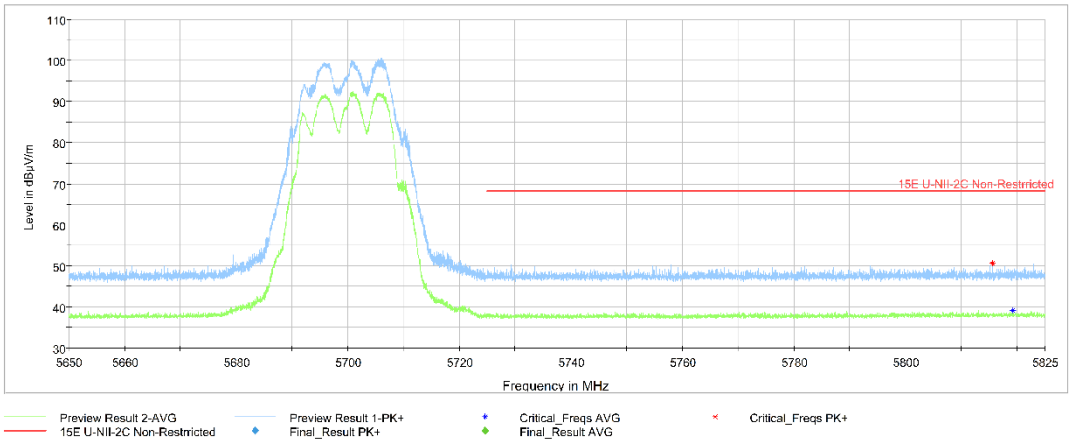


Band Edges (802.11a MIMO, Ch64, 5320MHz)



Band Edges (802.11a MIMO, Ch100, 5500MHz)



Band Edges (802.11a MIMO, Ch140, 5700MHz)

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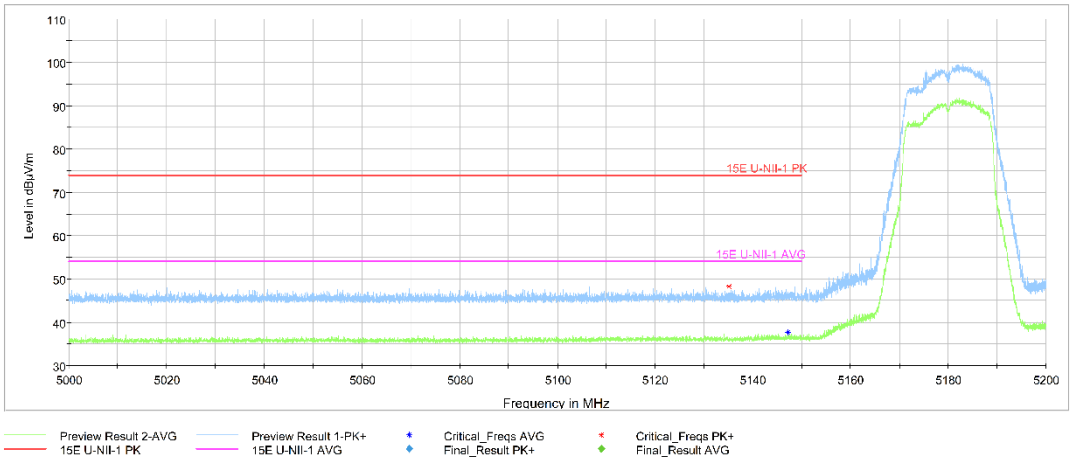
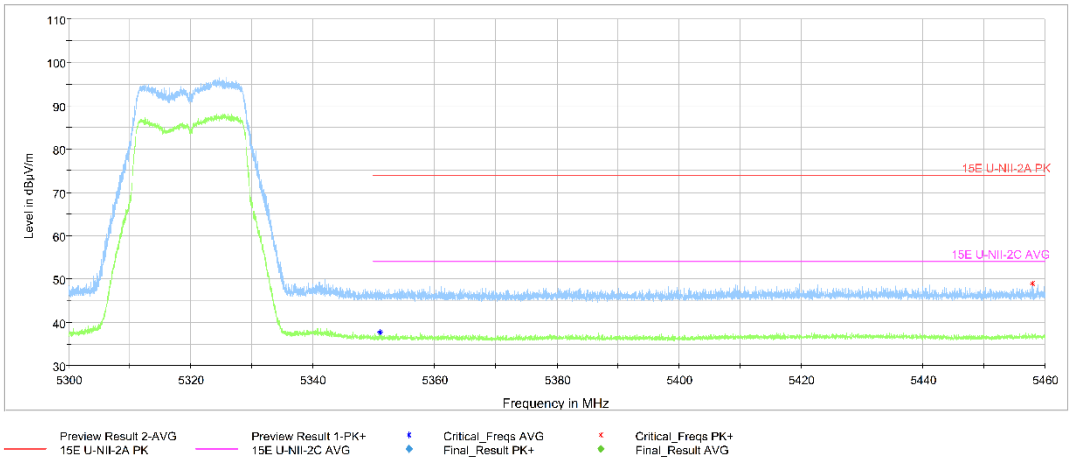
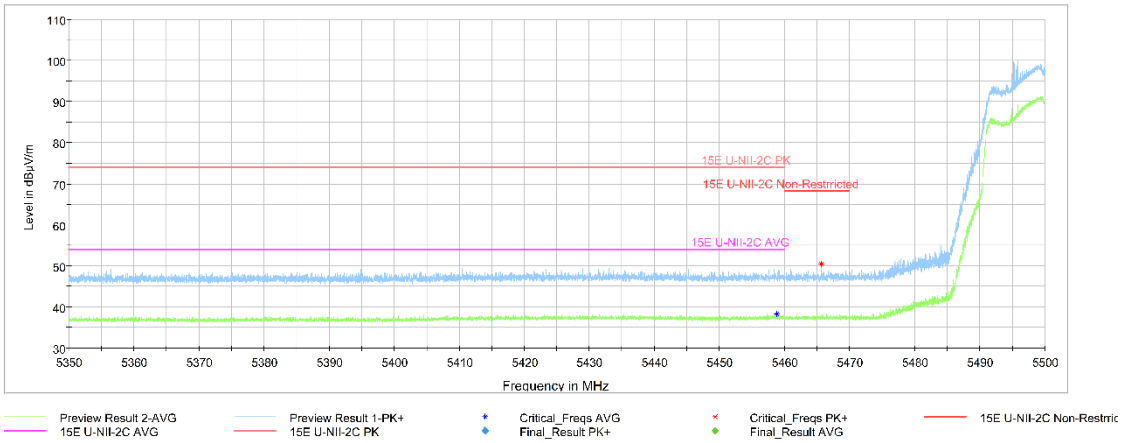


Band Edges (802.11n-HT20 MIMO, Ch36, 5180MHz)



Band Edges (802.11n-HT20 MIMO, Ch64, 5320MHz)



Band Edges (802.11n-HT20 MIMO, Ch100, 5500MHz)

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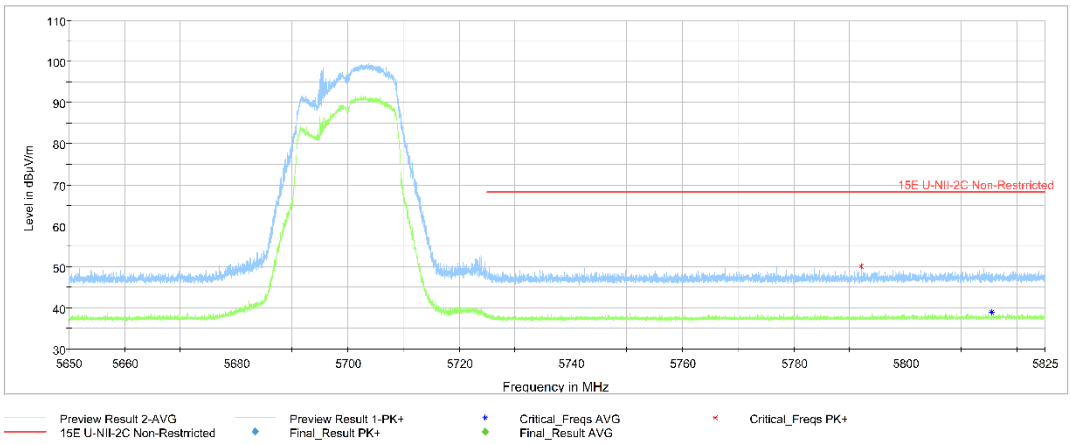
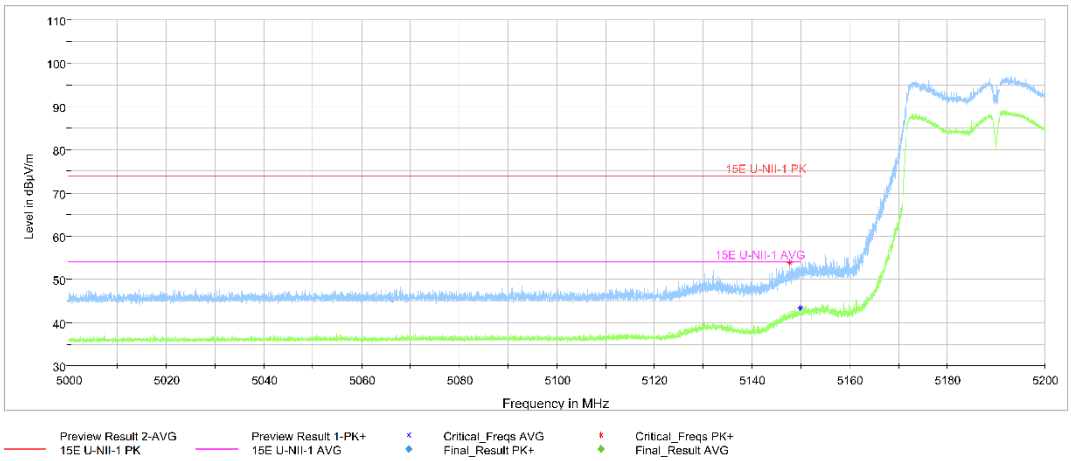
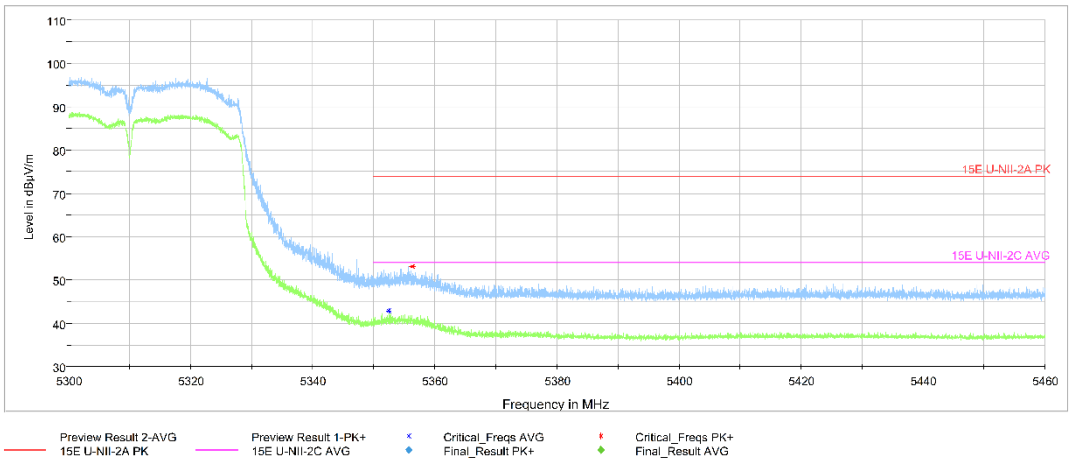


Band Edges (802.11n-HT20 MIMO, Ch140, 5700MHz)



Band Edges (802.11n-HT40 MIMO, Ch38, 5190MHz)



Band Edges (802.11n-HT40 MIMO, Ch62, 5310MHz)

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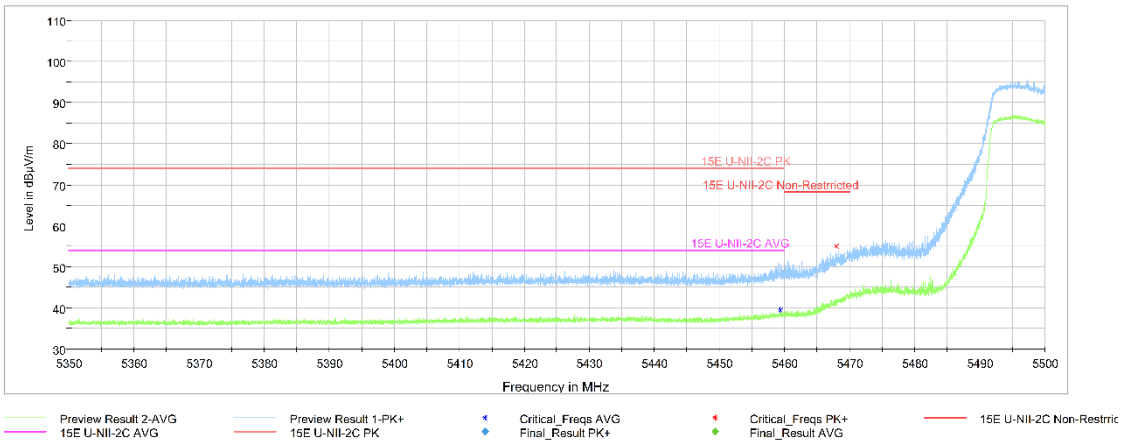
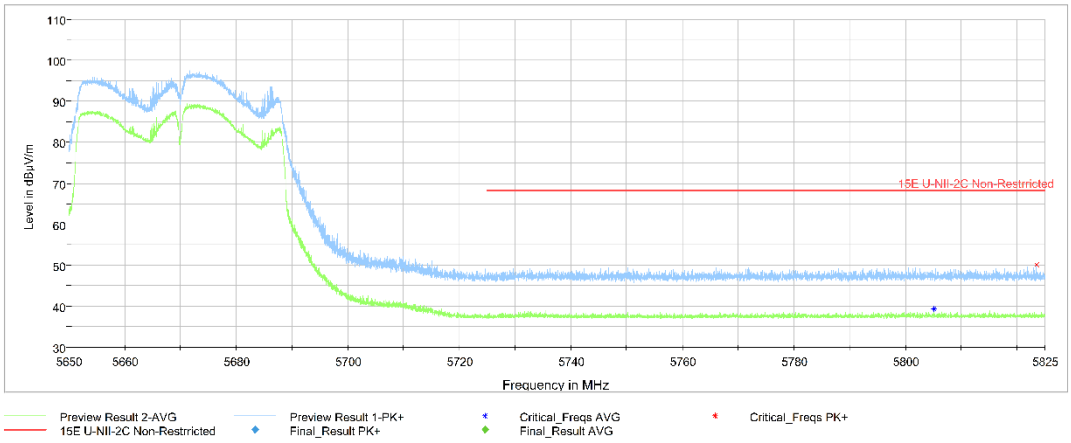
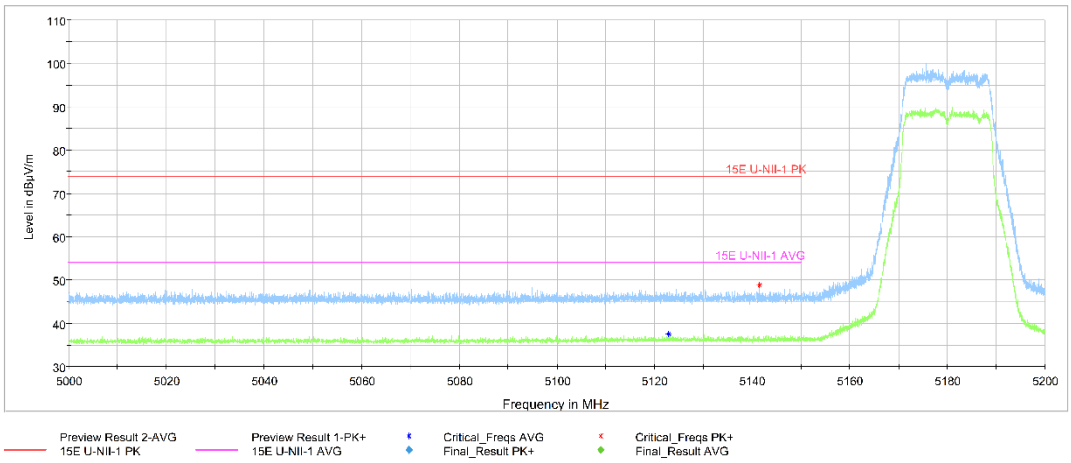


Band Edges (802.11n-HT40 MIMO, Ch102, 5510MHz)



Band Edges (802.11n-HT40 MIMO, Ch134, 5670MHz)



Band Edges (802.11ac-HT20 MIMO, Ch36, 5180MHz)

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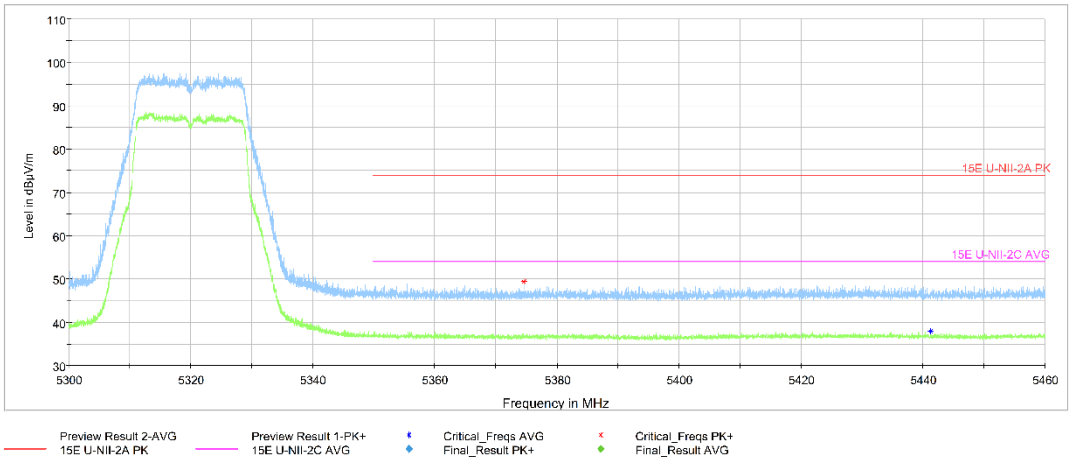
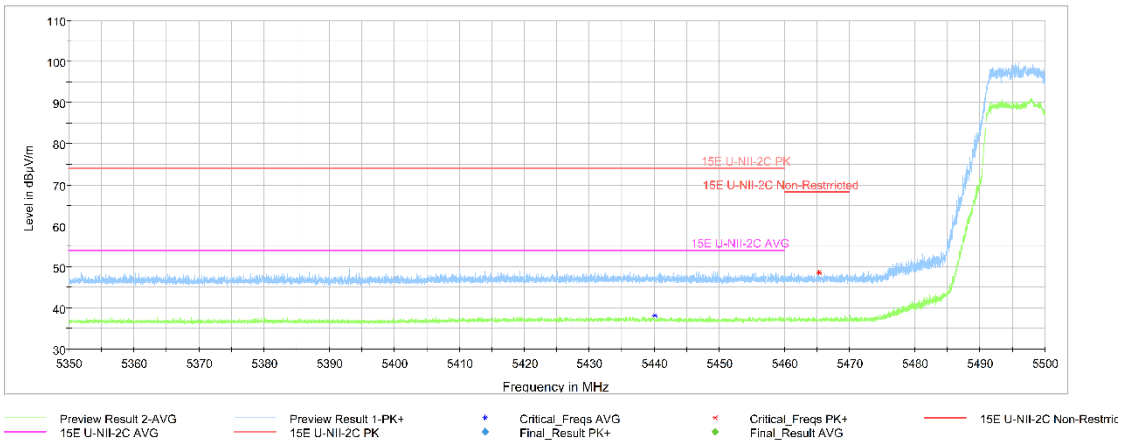
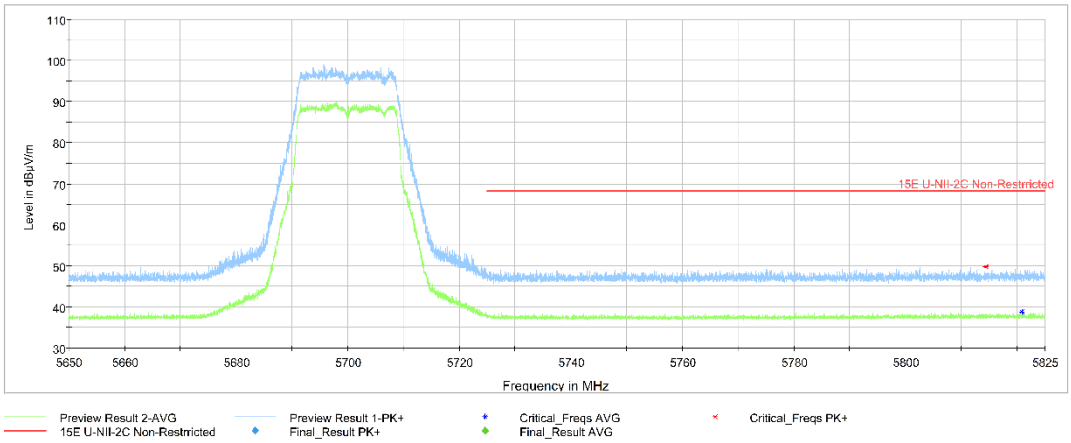


Band Edges (802.11ac-HT20 MIMO, Ch64, 5320MHz)



Band Edges (802.11ac-HT20 MIMO, Ch100, 5500MHz)



Band Edges (802.11ac-HT20 MIMO, Ch140, 5700MHz)

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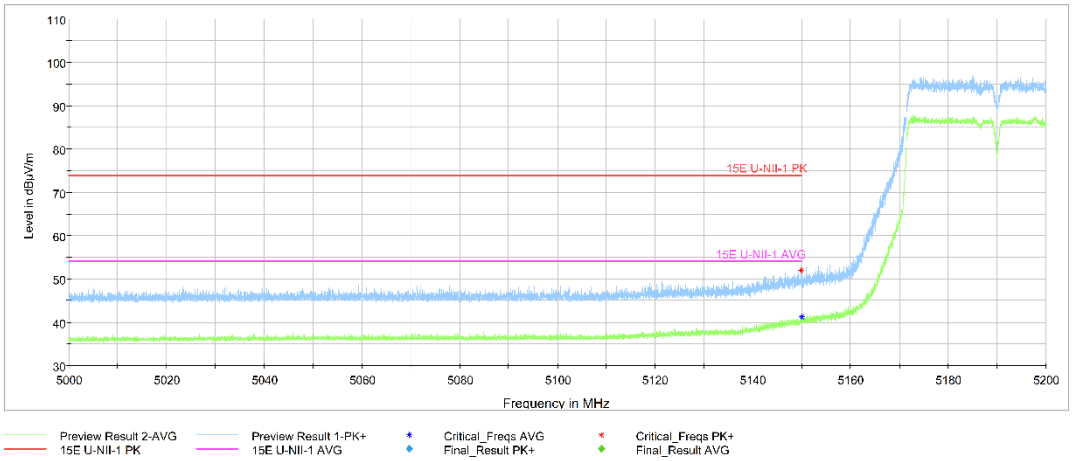
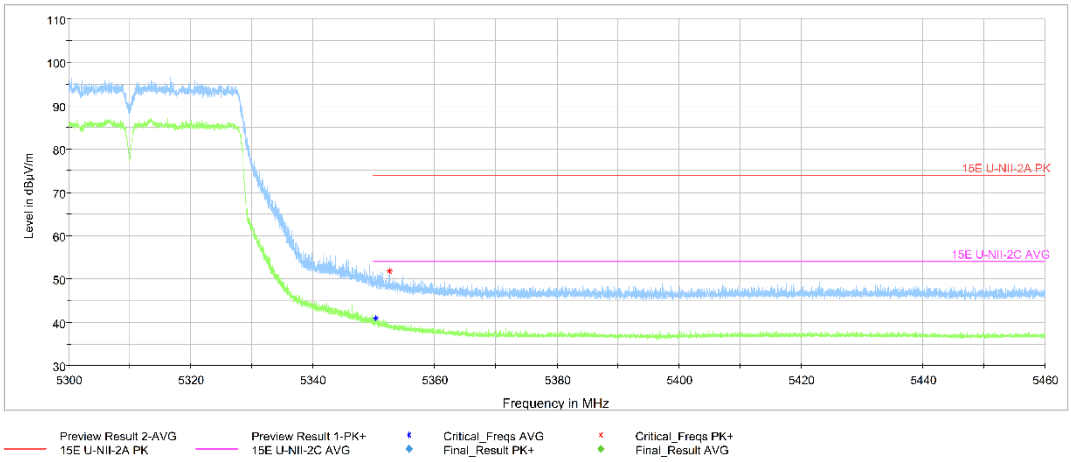
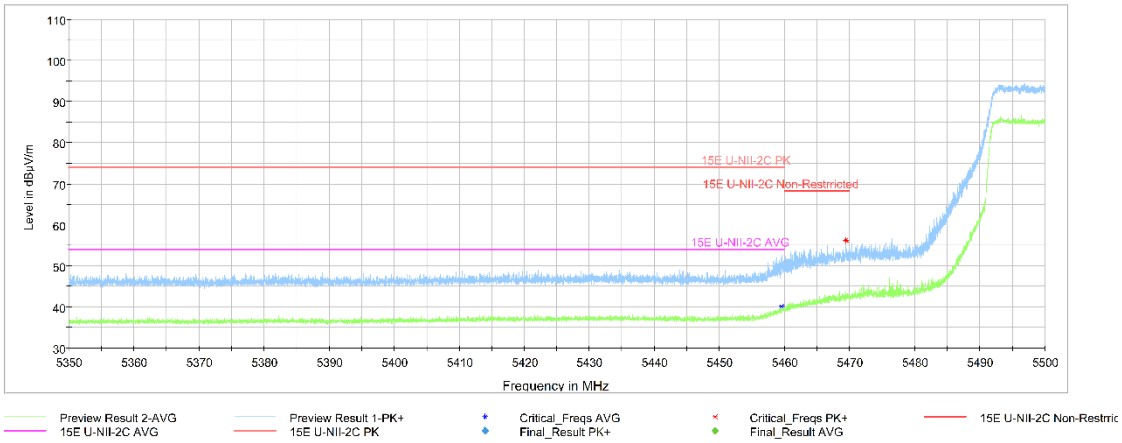


Band Edges (802.11ac-HT40 MIMO, Ch38, 5190MHz)



Band Edges (802.11ac-HT40 MIMO, Ch62, 5310MHz)



Band Edges (802.11ac-HT40 MIMO, Ch102, 5510MHz)

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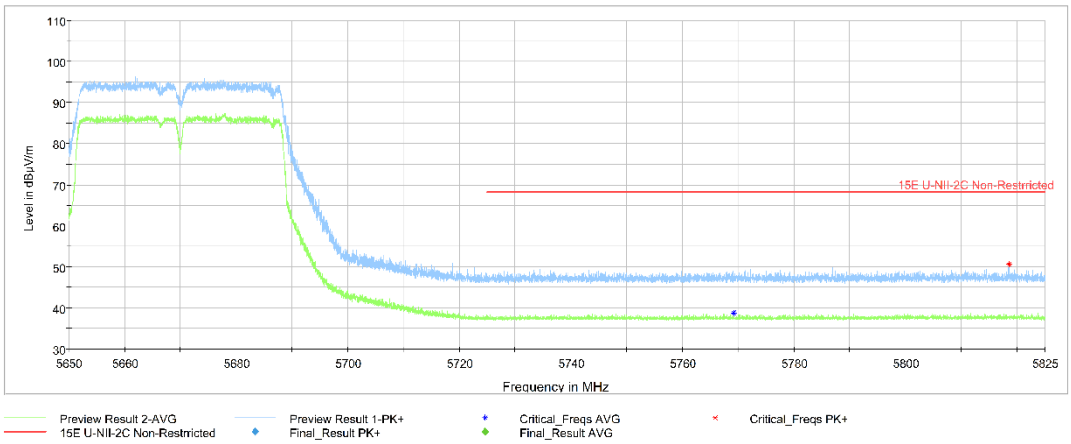
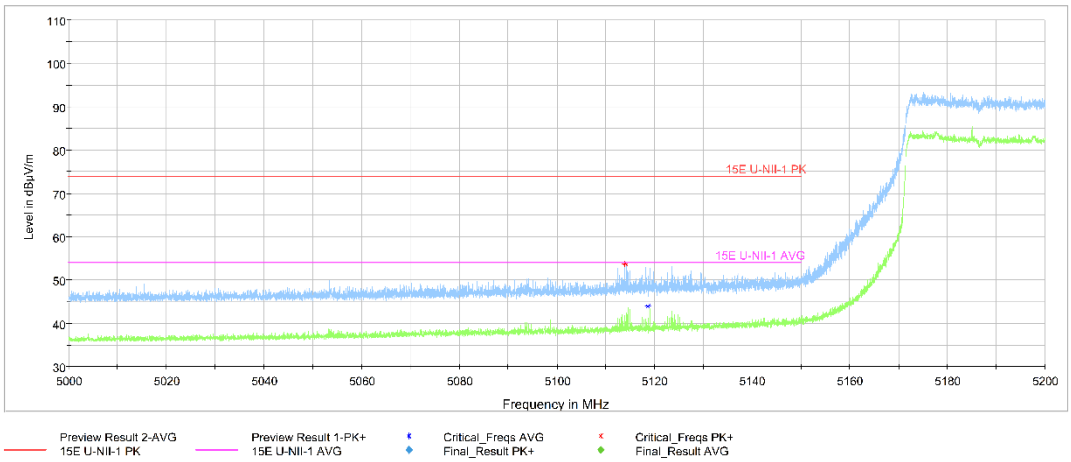
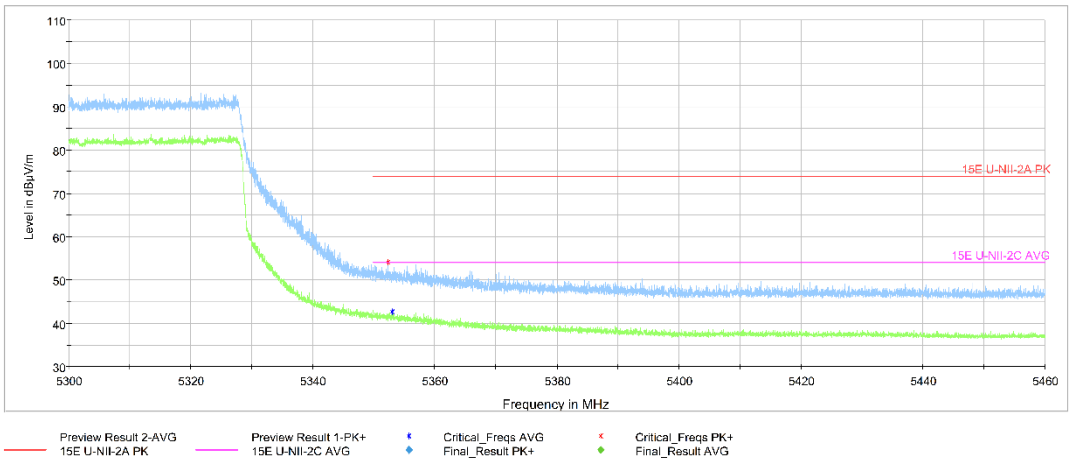


Band Edges (802.11ac-HT40 MIMO, Ch134, 5670MHz)



Band Edges (802.11ac-HT80 MIMO, Ch42 , 5210MHz)



Band Edges (802.11ac-HT80 MIMO, Ch58, 5290MHz)

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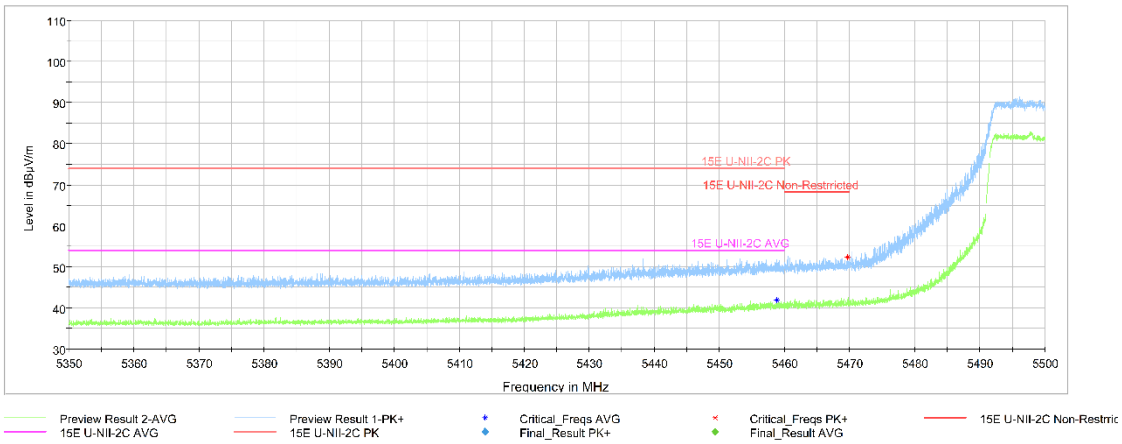
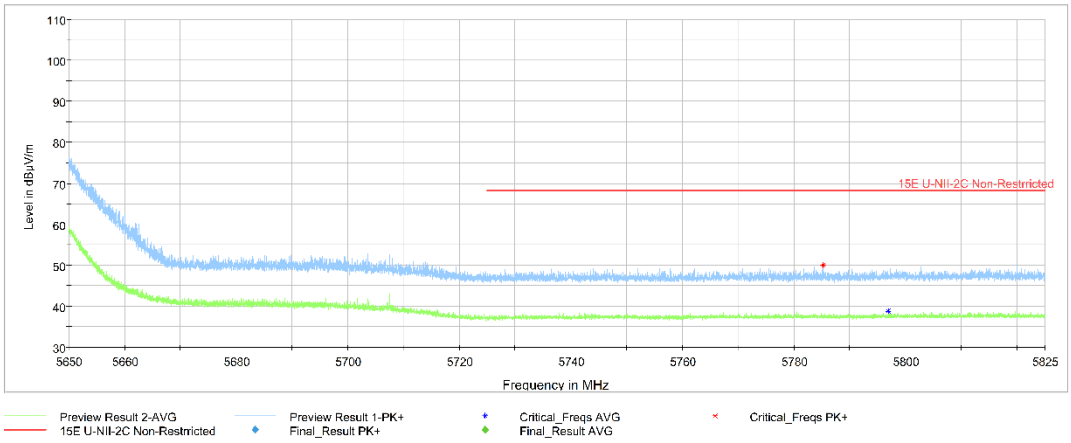
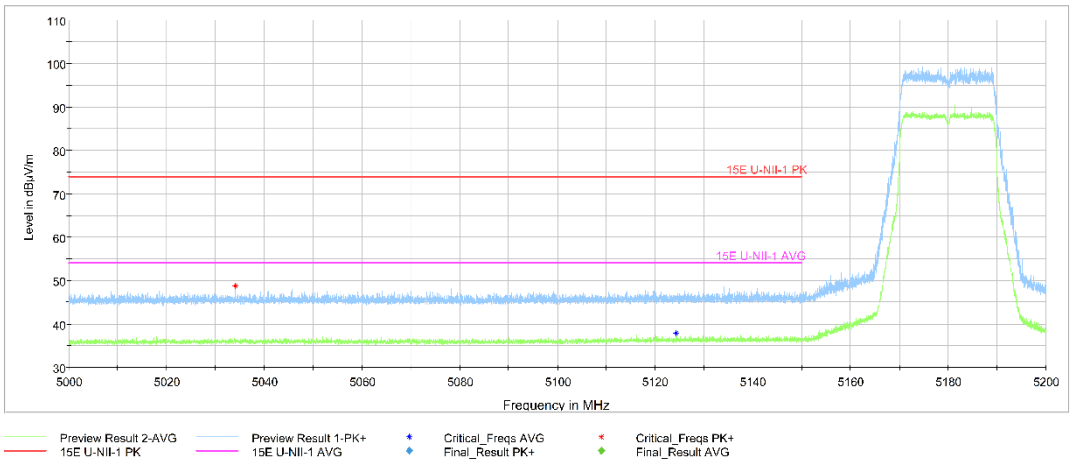


Band Edges (802.11ac-HT80 MIMO, Ch106, 5530MHz)



Band Edges (802.11ac-HT80 MIMO, Ch122, 5610MHz)



Band Edges (802.11ax-HT20 MIMO, full RU, Ch36, 5180MHz)

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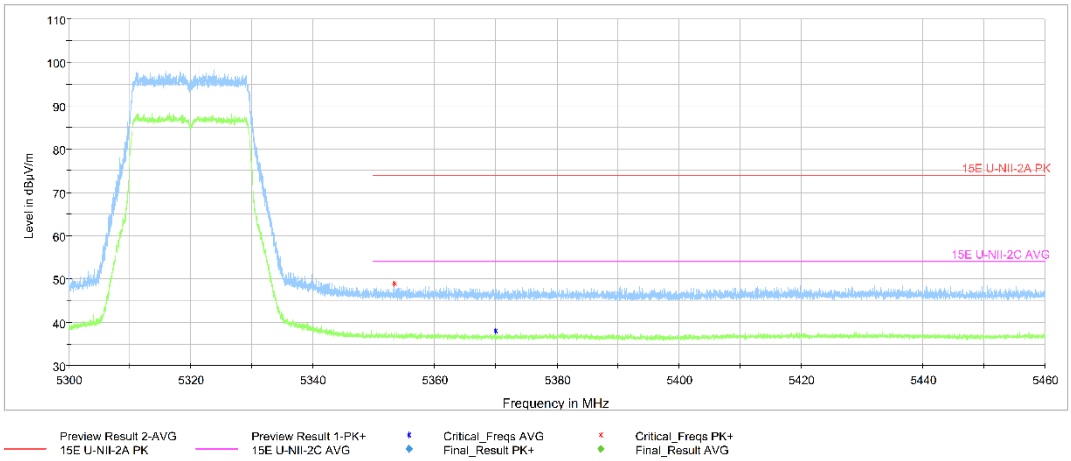
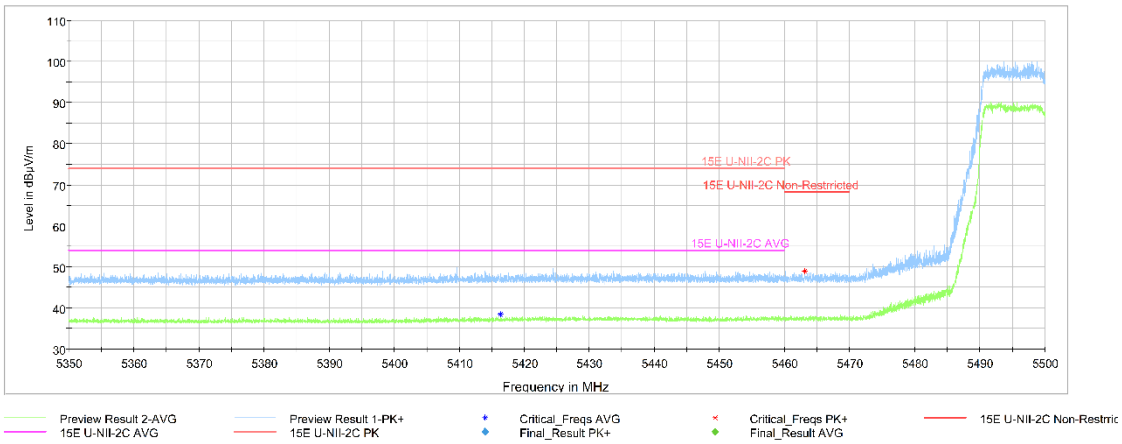
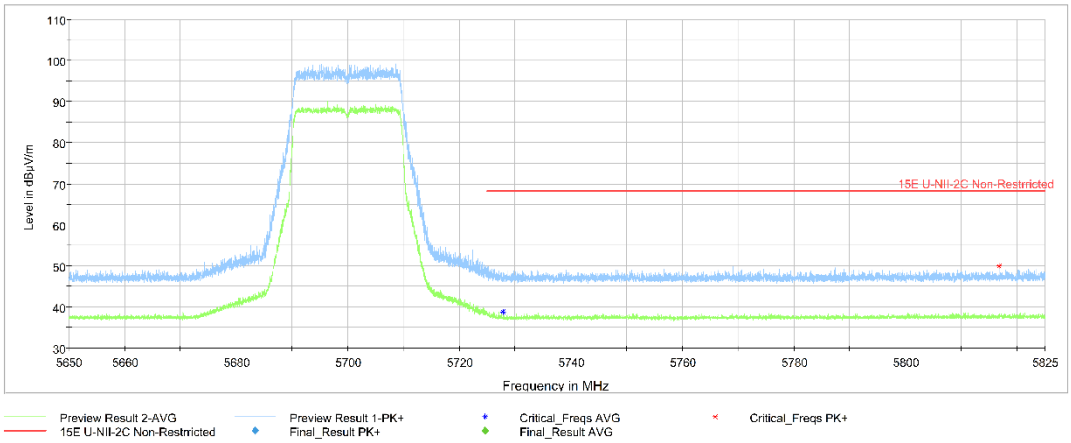


Band Edges (802.11ax-HT20 MIMO, full RU, Ch64, 5320MHz)



Band Edges (802.11ax-HT20 MIMO, full RU, Ch100, 5500MHz)



Band Edges (802.11ax-HT20 MIMO, full RU, Ch140, 5700MHz)

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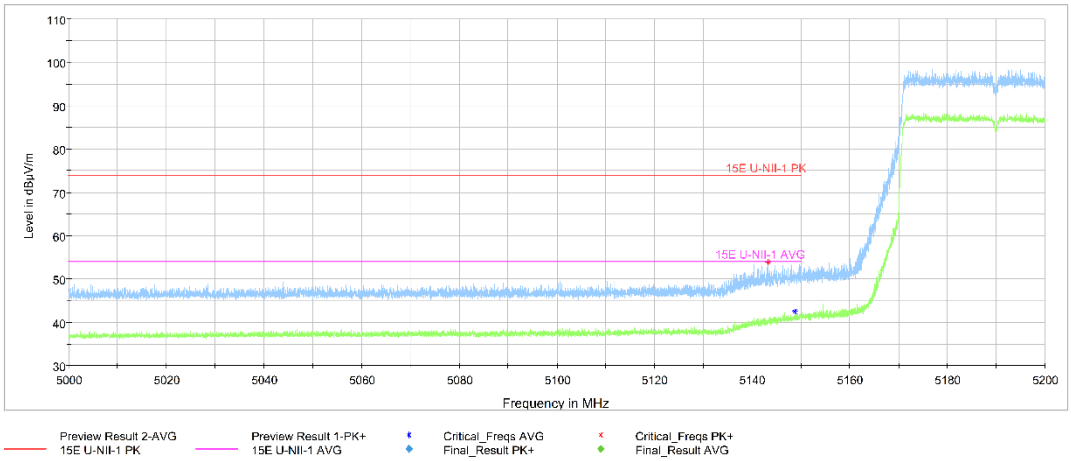
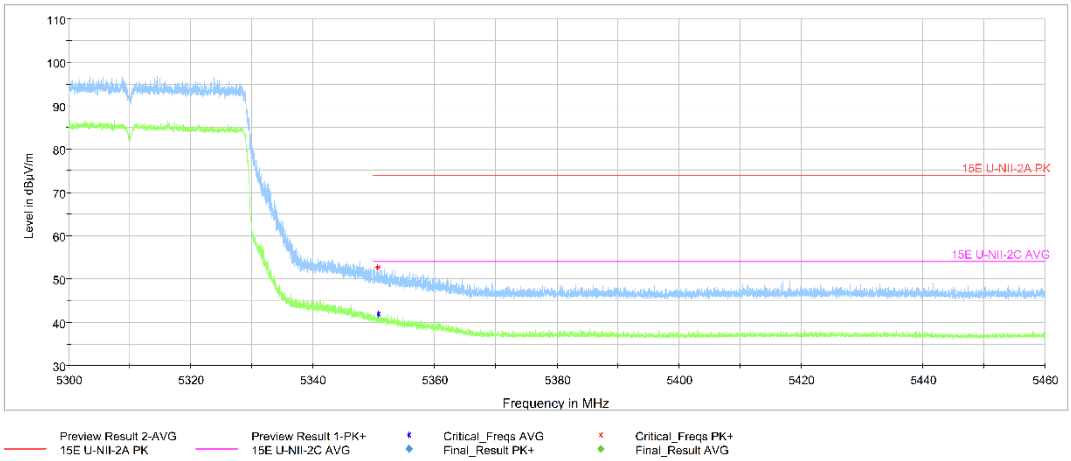
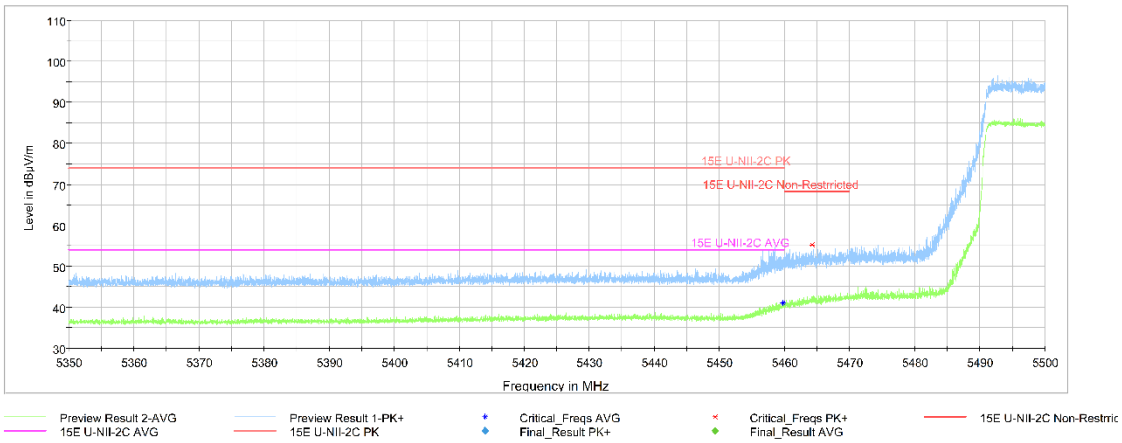


Band Edges (802.11ax-HT40 MIMO, full RU, Ch38, 5190MHz)



Band Edges (802.11ax-HT40 MIMO, full RU, Ch62, 5310MHz)



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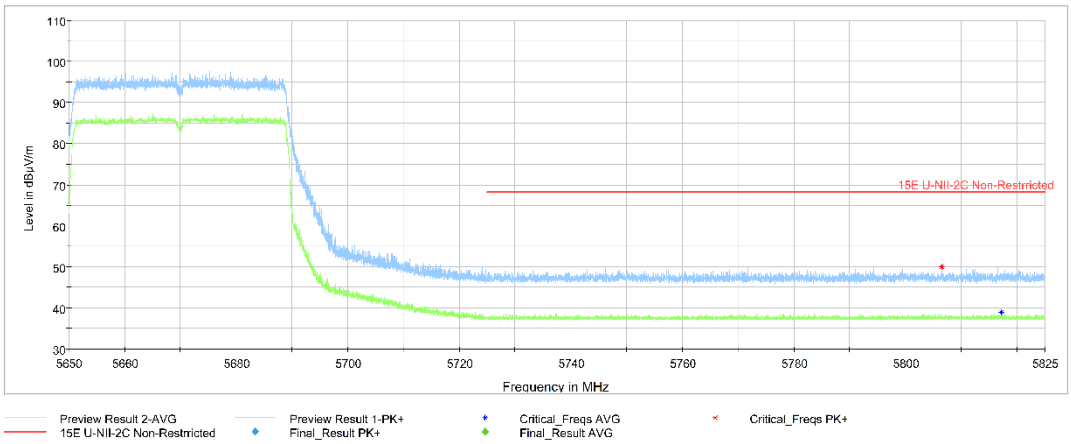
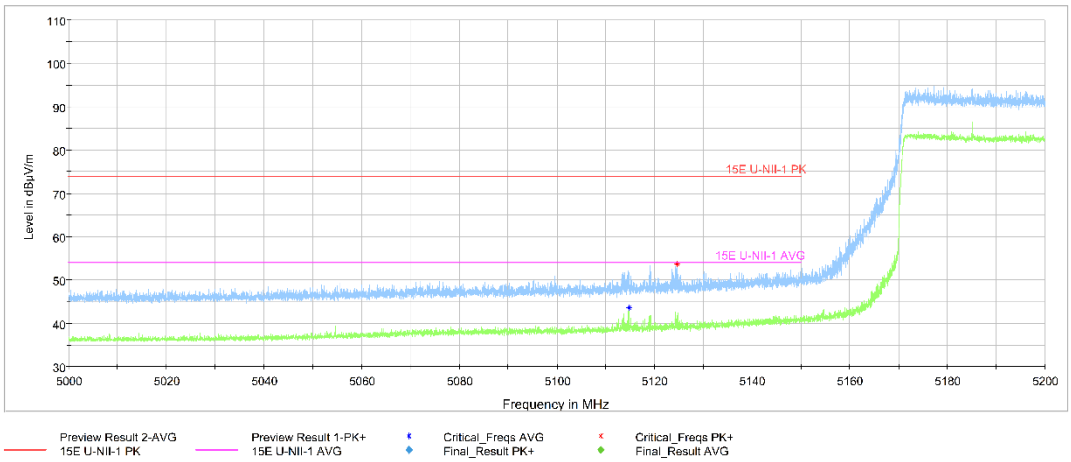
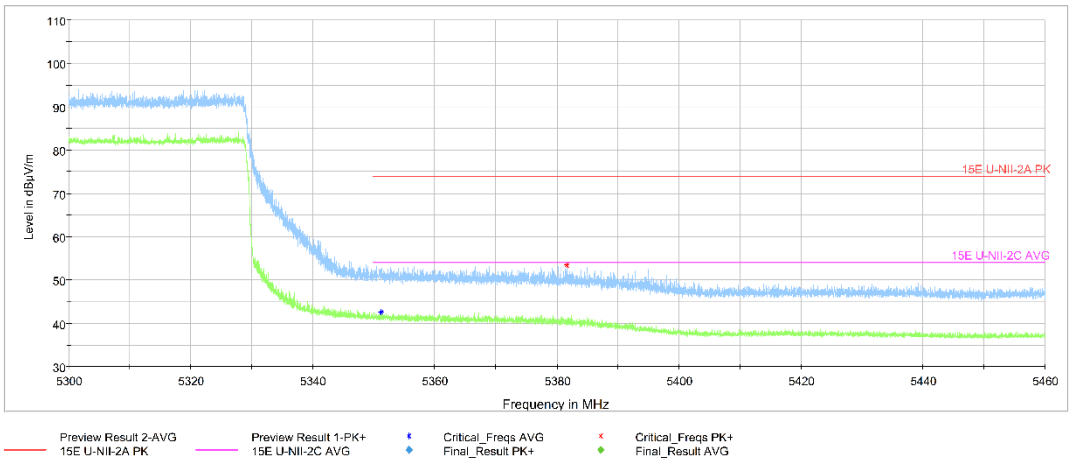
Band Edges (802.11ax-HT40 MIMO, full RU, Ch102, 5510MHz)



Band Edges (802.11ax-HT40 MIMO, full RU, Ch134, 5670MHz)



Band Edges (802.11ax-HT80 MIMO, full RU, Ch42 , 5210MHz)



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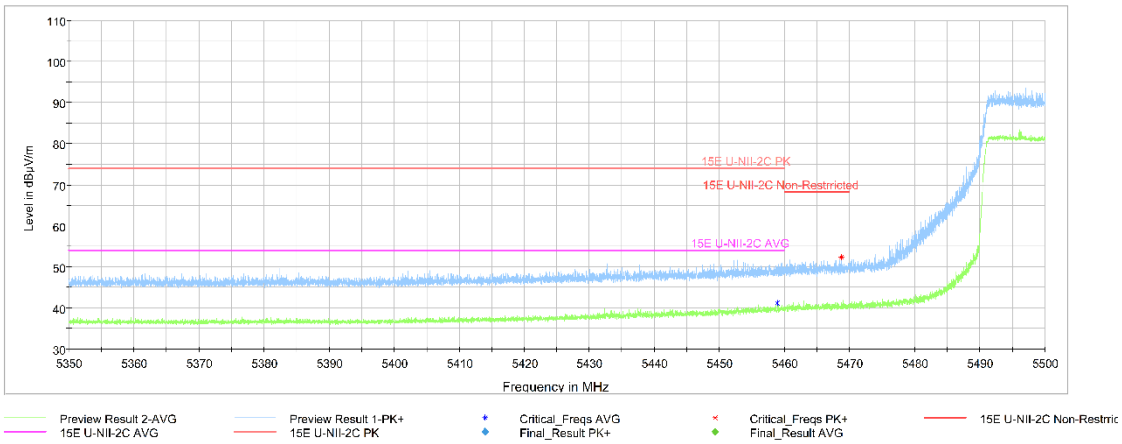
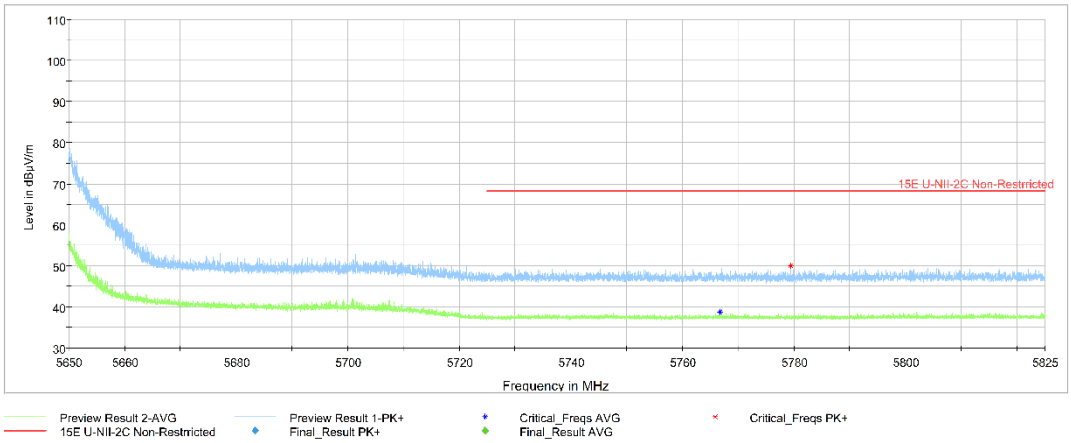
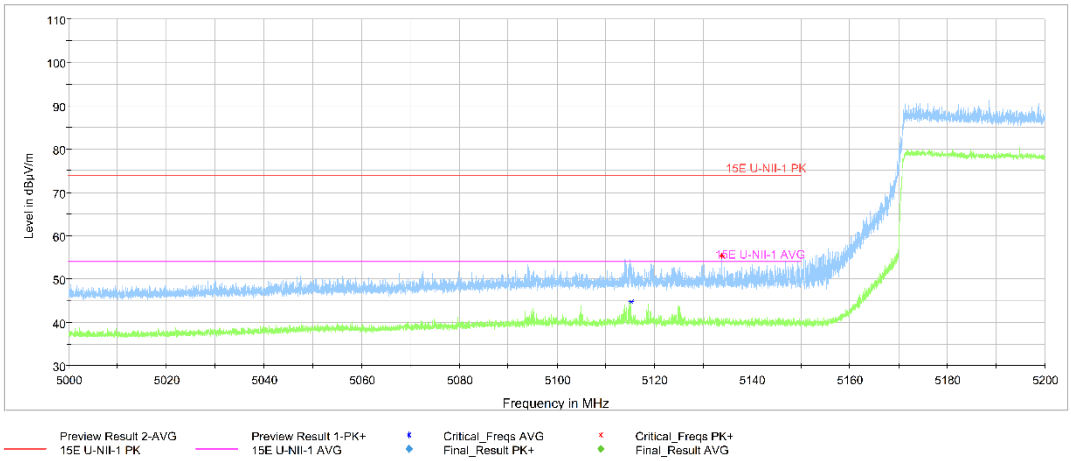
Band Edges (802.11ax-HT80 MIMO, full RU, Ch58, 5290MHz)



Band Edges (802.11ax-HT80 MIMO, full RU, Ch106, 5530MHz)



Band Edges (802.11ax-HT80 MIMO, full RU, Ch122, 5610MHz)



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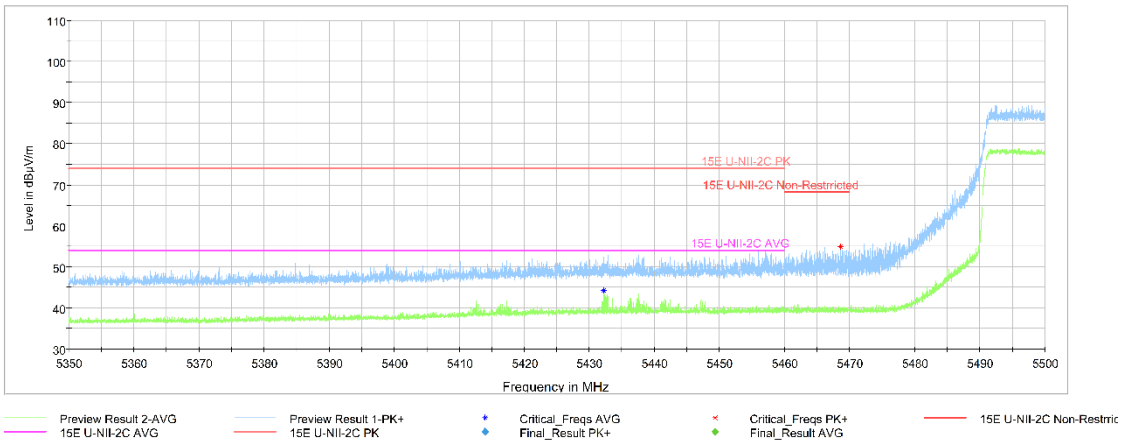
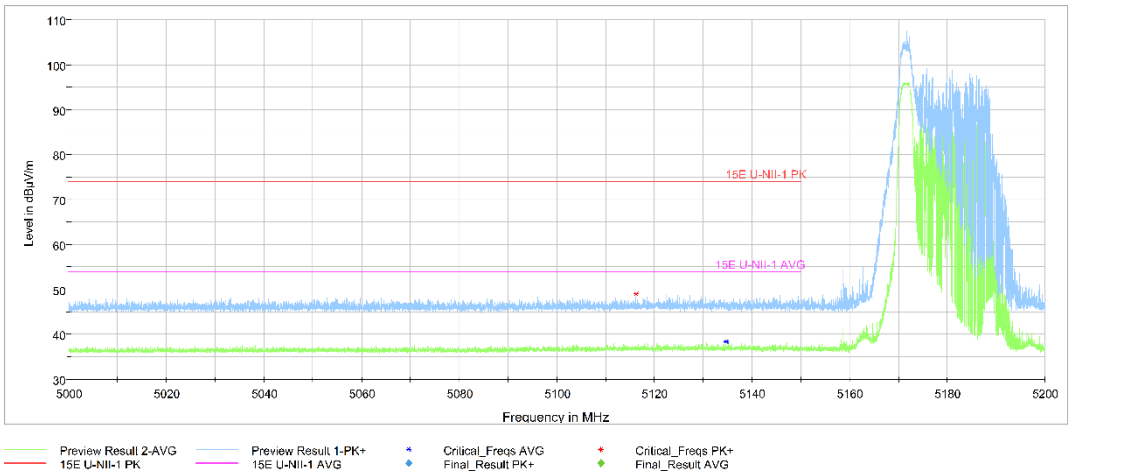
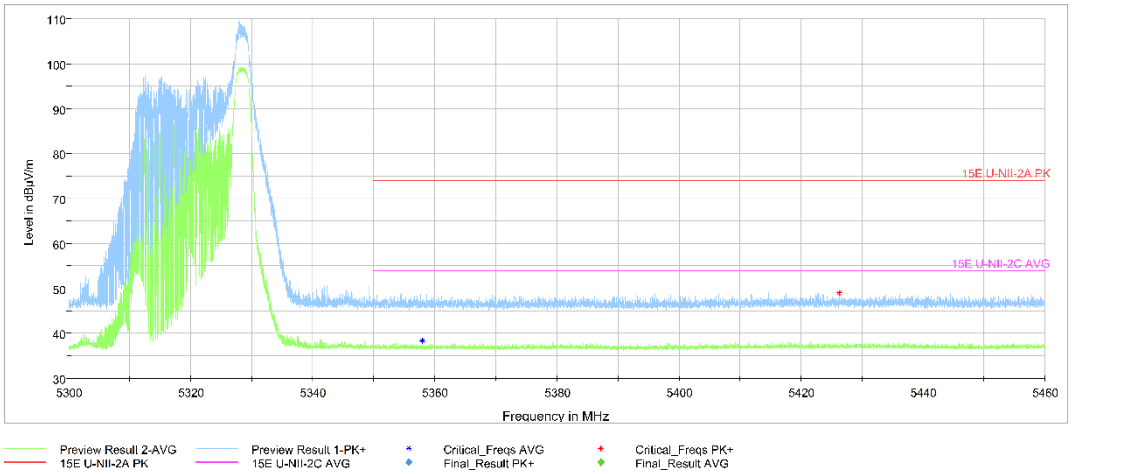
Band Edges (802.11ax-HT160 MIMO, full RU, Ch50, 5250MHz)



Band Edges (802.11ax-HT160 MIMO, full RU, Ch114, 5570MHz)



Band Edges (802.11ax-HT20 MIMO, partial RU, Ch36, 5180MHz)



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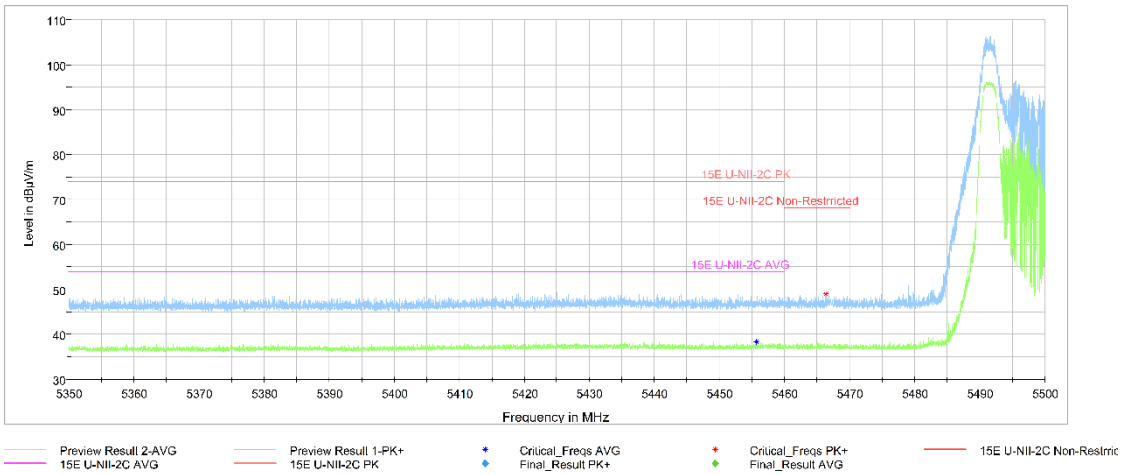
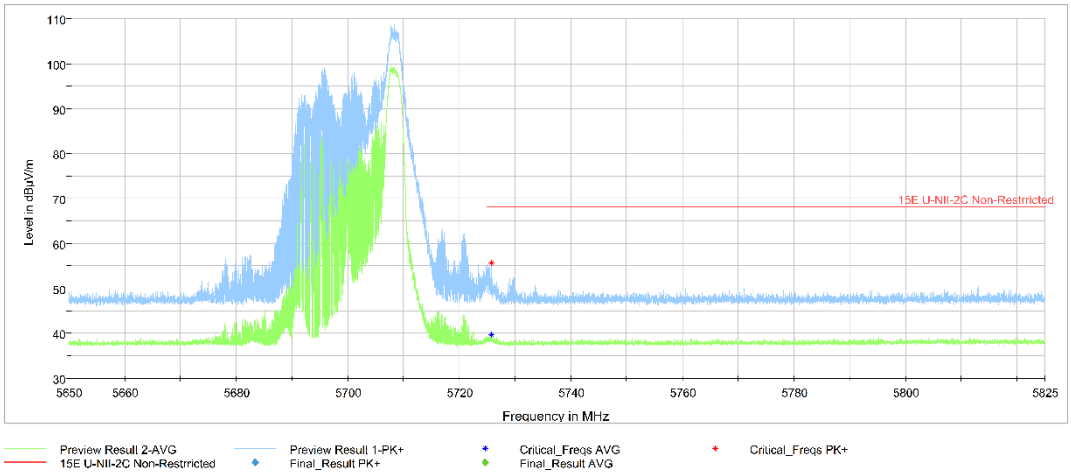
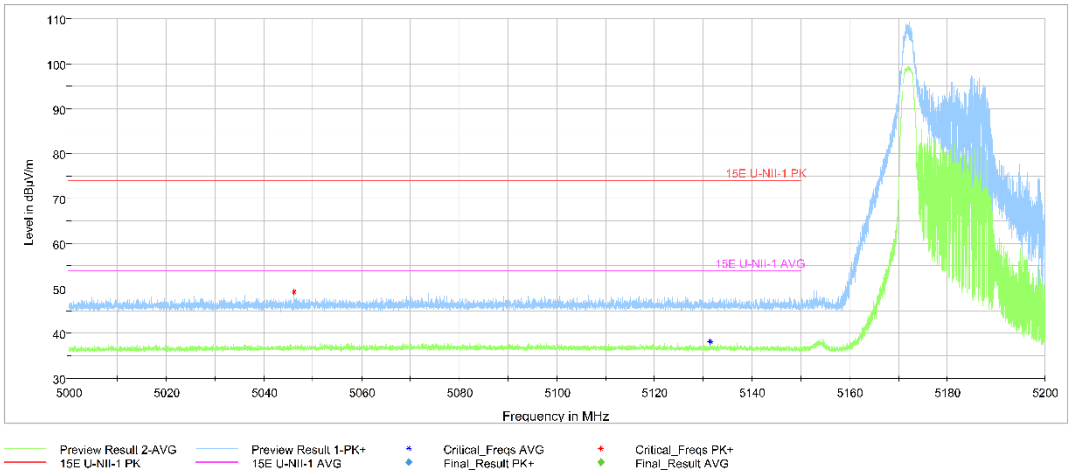
Band Edges (802.11ax-HT20 MIMO, partial RU, Ch64, 5320MHz)



Band Edges (802.11ax-HT20 MIMO, partial RU, Ch100, 5500MHz)



Band Edges (802.11ax-HT20 MIMO, partial RU, Ch140, 5700MHz)



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