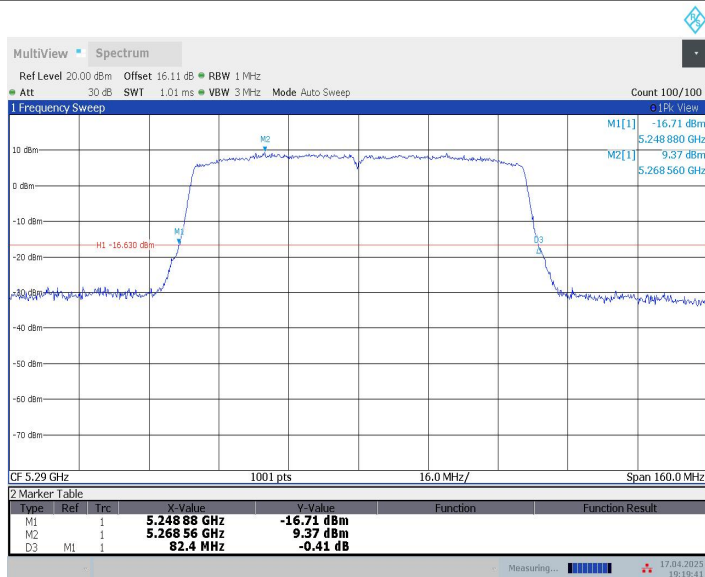
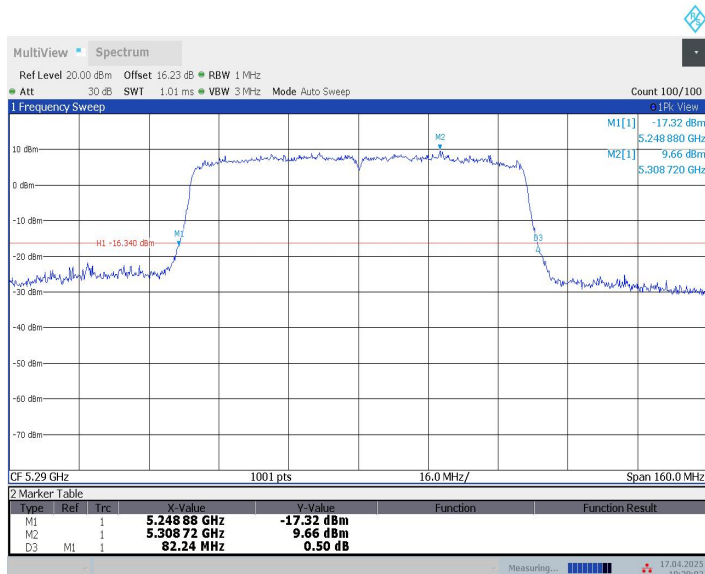


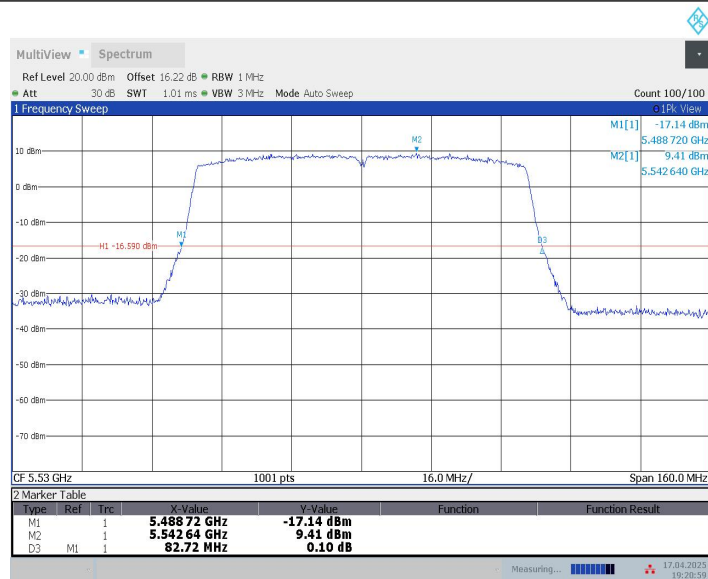
11AC80MIMO\_Ant7\_5290



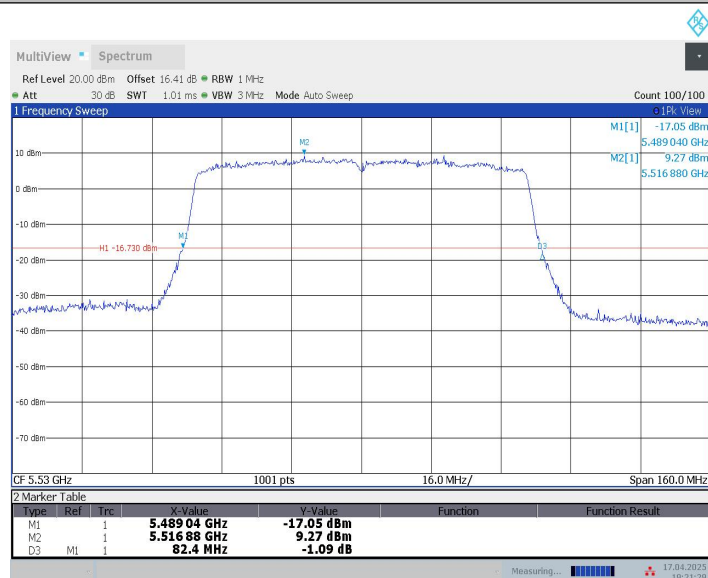
11AC80MIMO\_Ant9\_5290



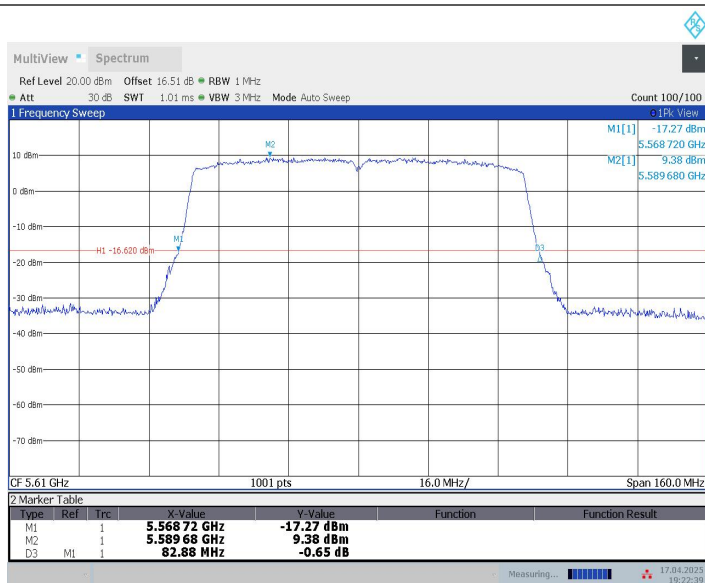
## 11AC80MIMO\_Ant7\_5530



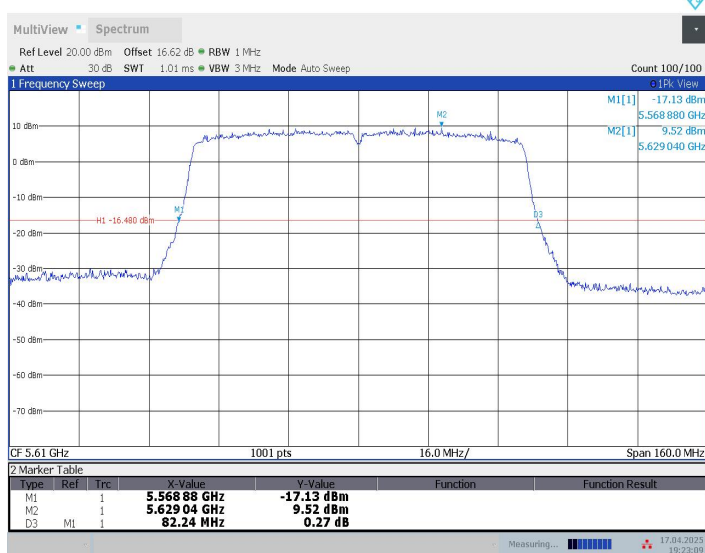
## 11AC80MIMO\_Ant9\_5530



## 11AC80MIMO\_Ant7\_5610



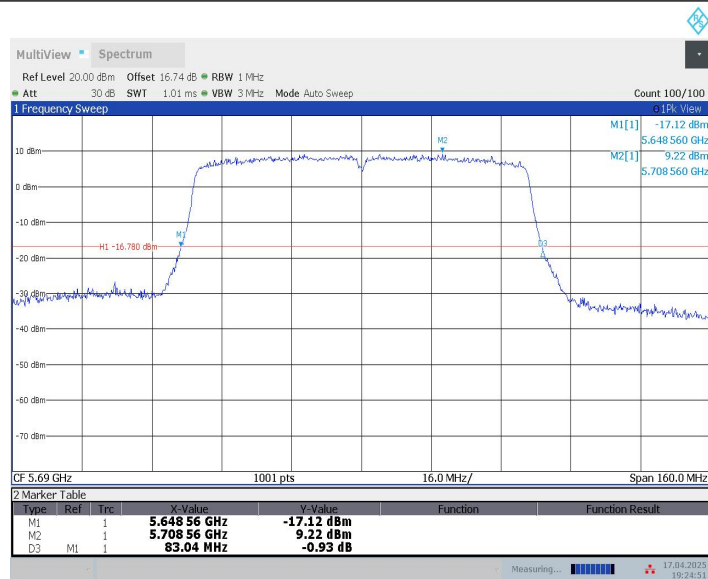
11AC80MIMO\_Ant9\_5610



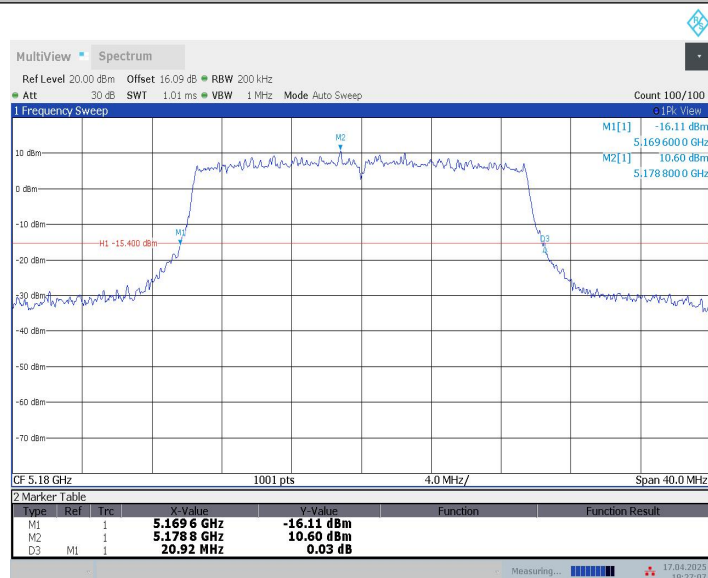
11AC80MIMO\_Ant7\_5690



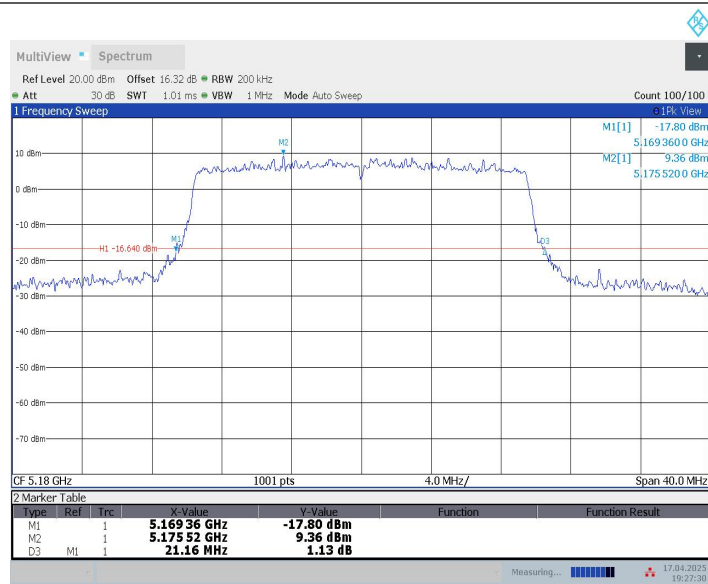
## 11AC80MIMO\_Ant9\_5690



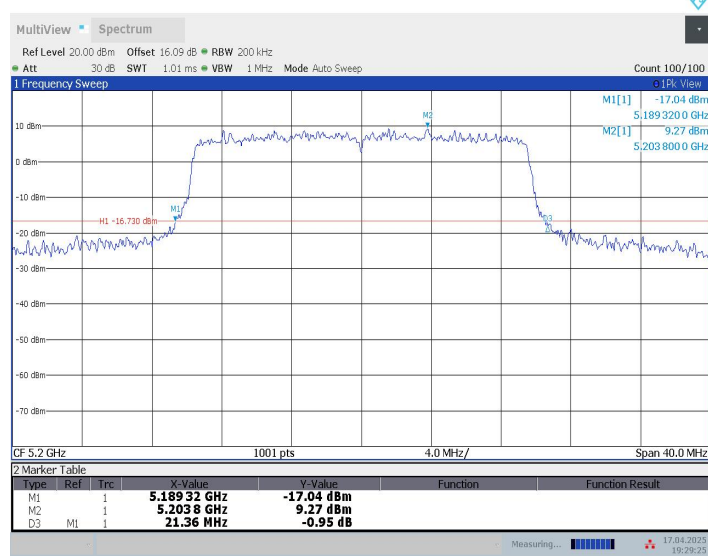
## 11AX20MIMO\_Ant7\_5180



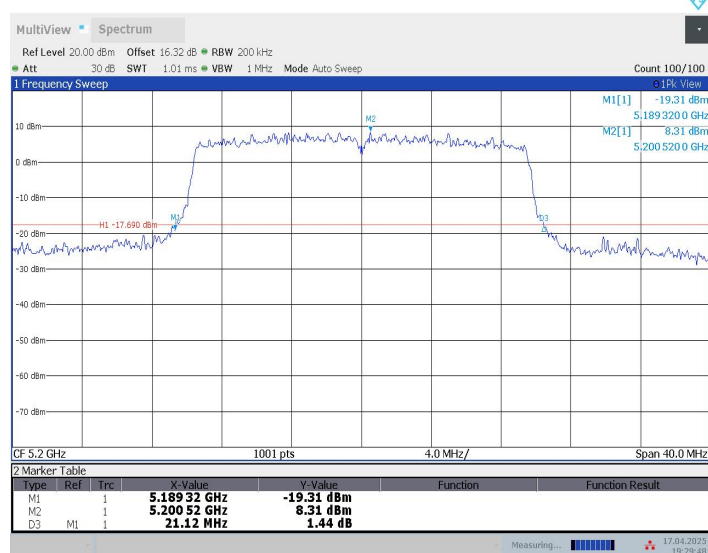
## 11AX20MIMO\_Ant9\_5180



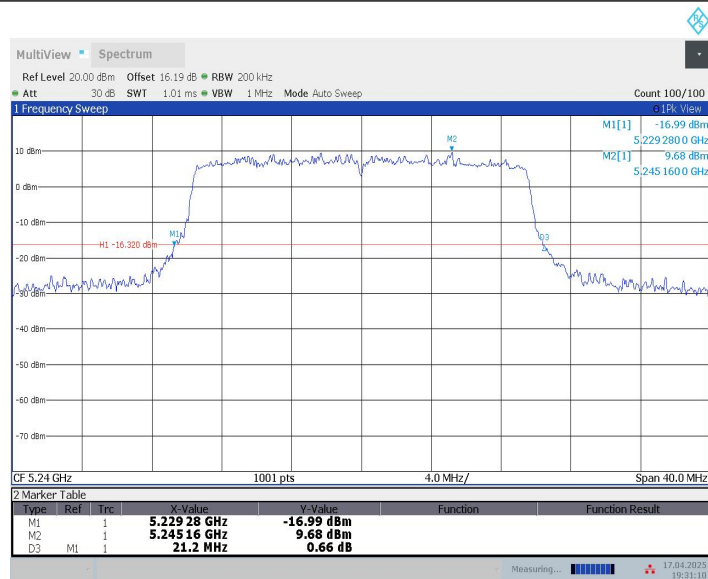
11AX20MIMO\_Ant7\_5200



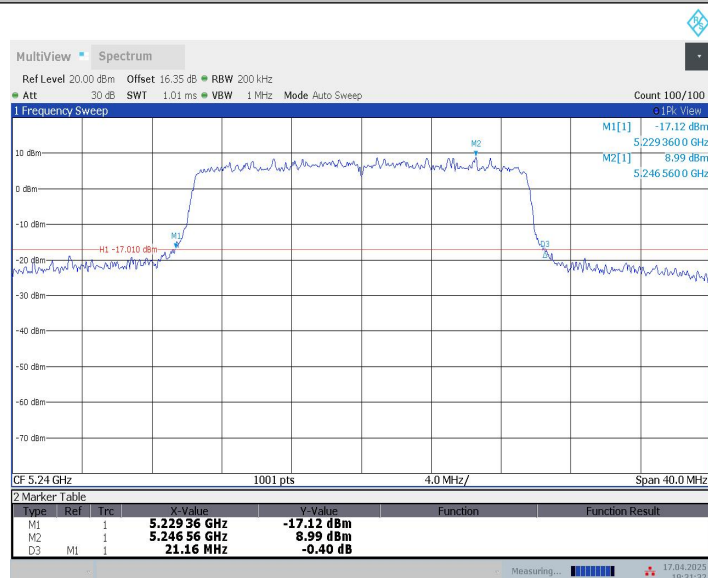
11AX20MIMO\_Ant9\_5200



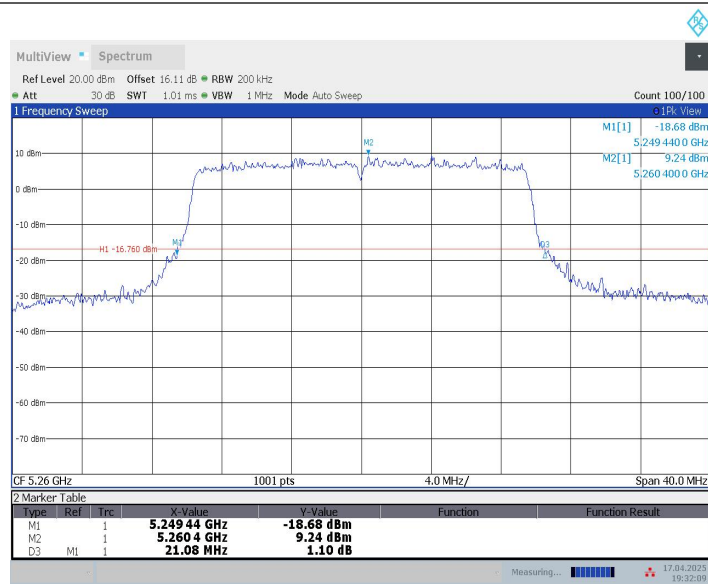
## 11AX20MIMO\_Ant7\_5240



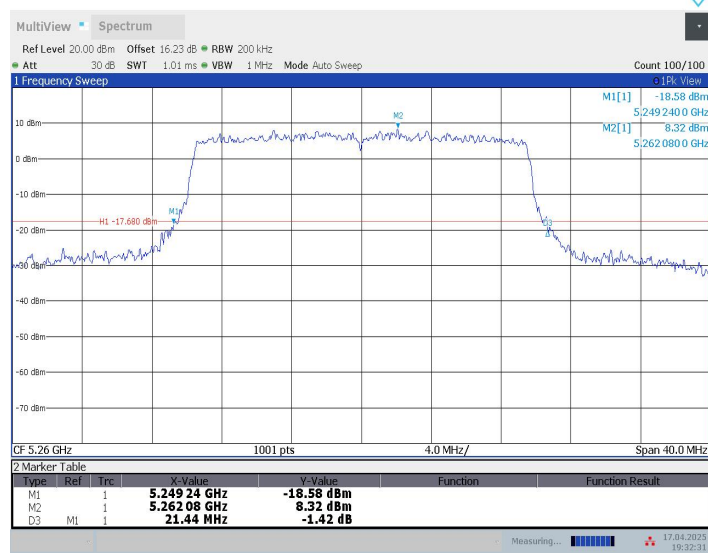
## 11AX20MIMO\_Ant9\_5240



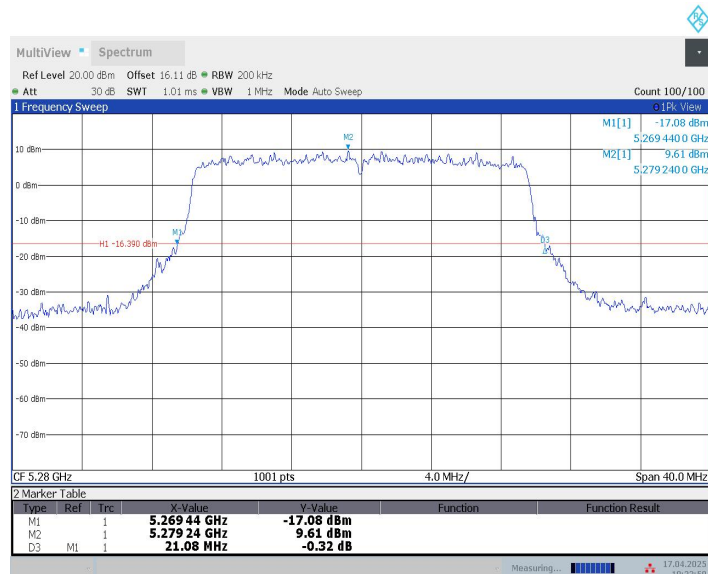
## 11AX20MIMO\_Ant7\_5260



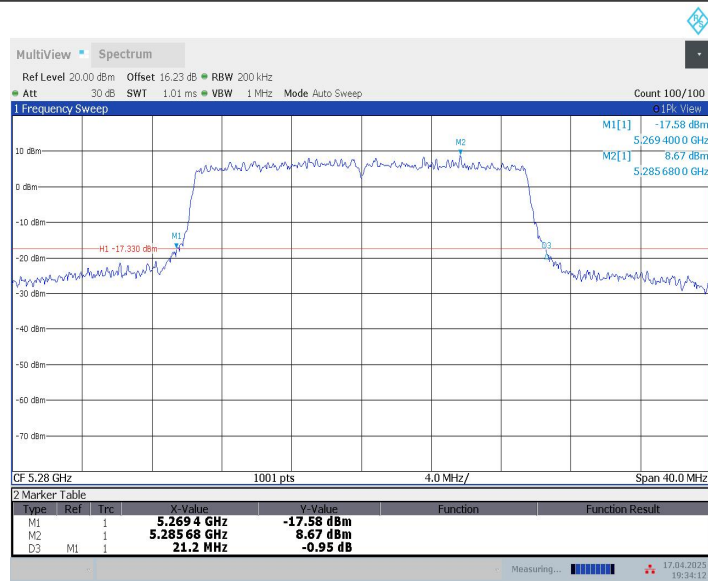
11AX20MIMO\_Ant9\_5260



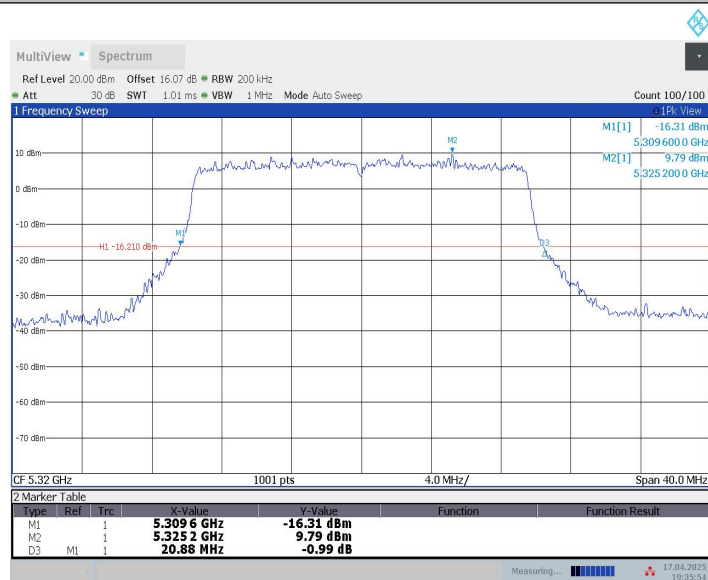
11AX20MIMO\_Ant7\_5280



## 11AX20MIMO\_Ant9\_5280

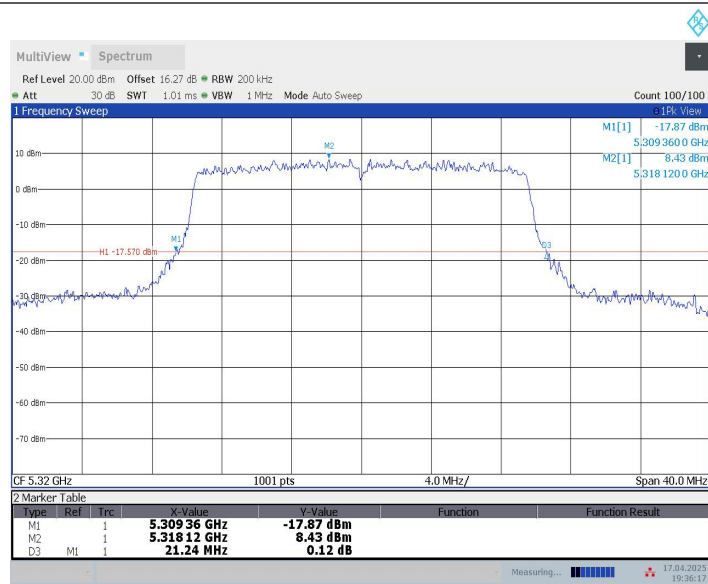


## 11AX20MIMO\_Ant7\_5320

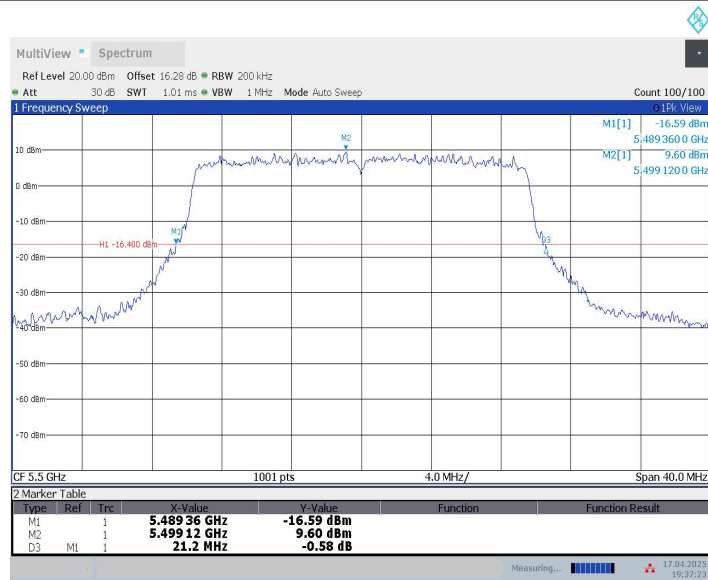


## 11AX20MIMO\_Ant9\_5320

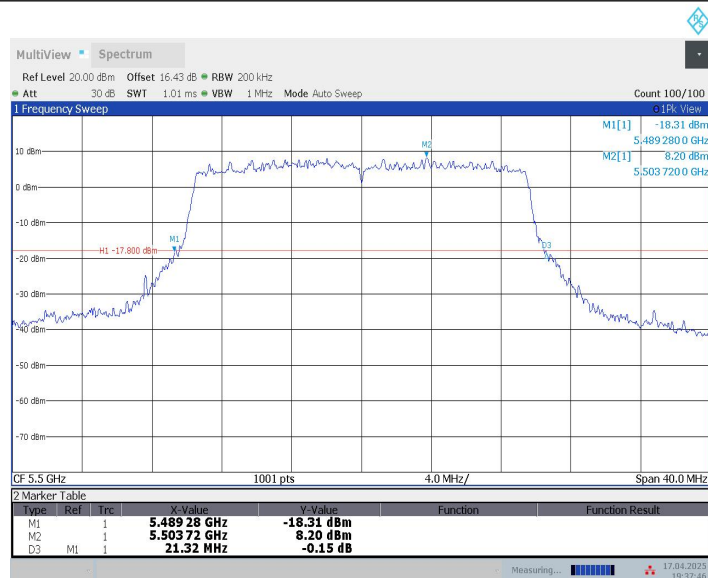




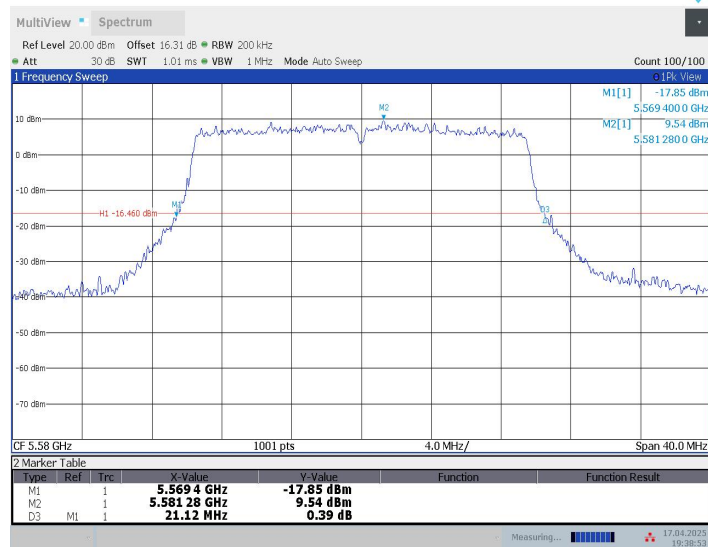
11AX20MIMO\_Ant7\_5500



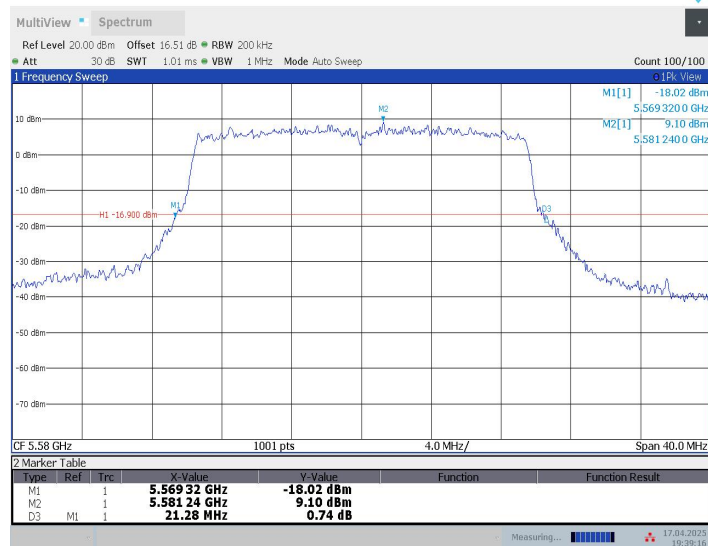
11AX20MIMO\_Ant9\_5500



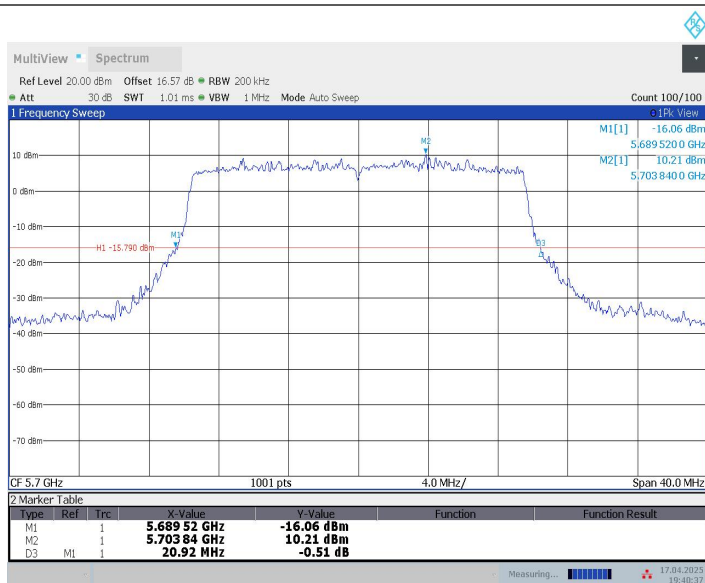
## 11AX20MIMO\_Ant7\_5580



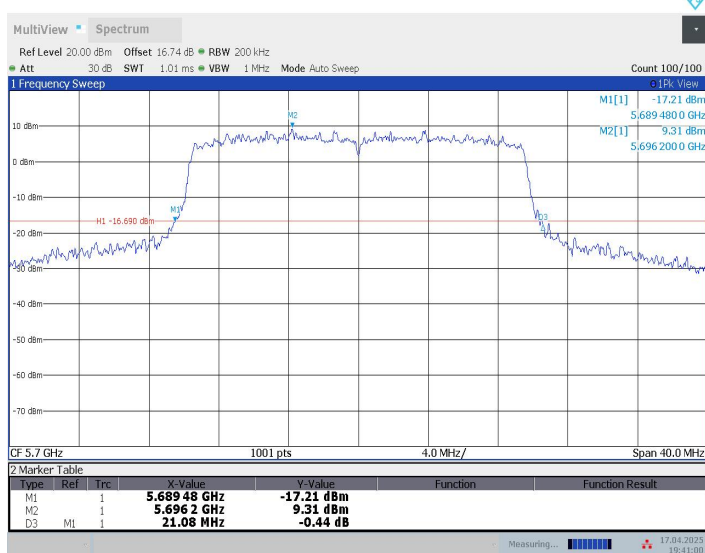
## 11AX20MIMO\_Ant9\_5580



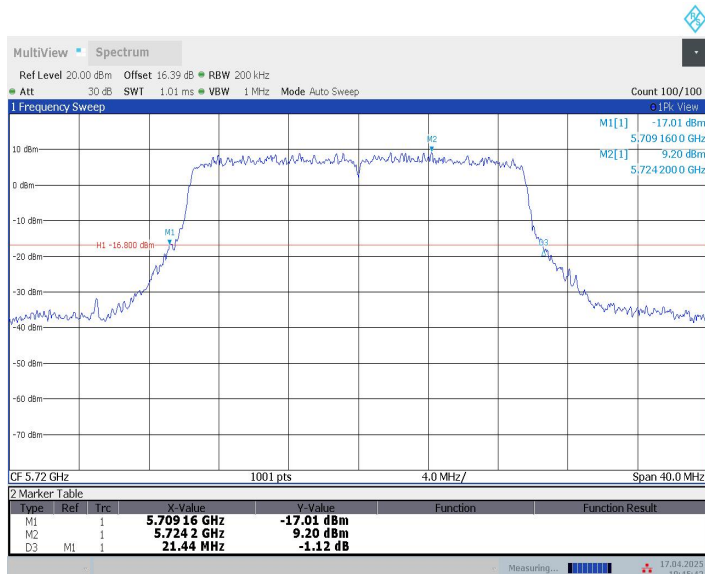
## 11AX20MIMO\_Ant7\_5700



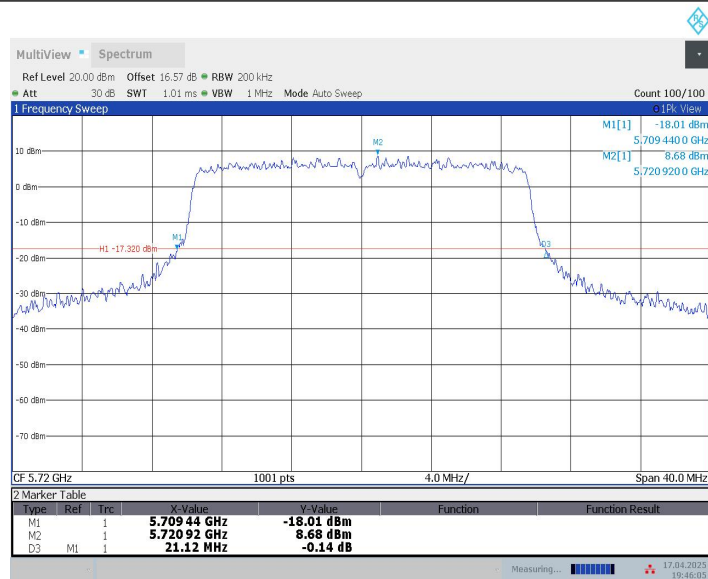
11AX20MIMO\_Ant9\_5700



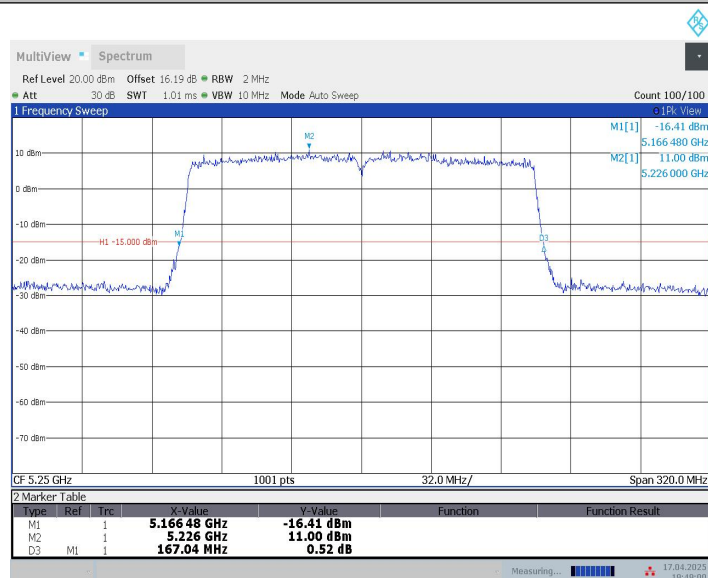
11AX20MIMO\_Ant7\_5720



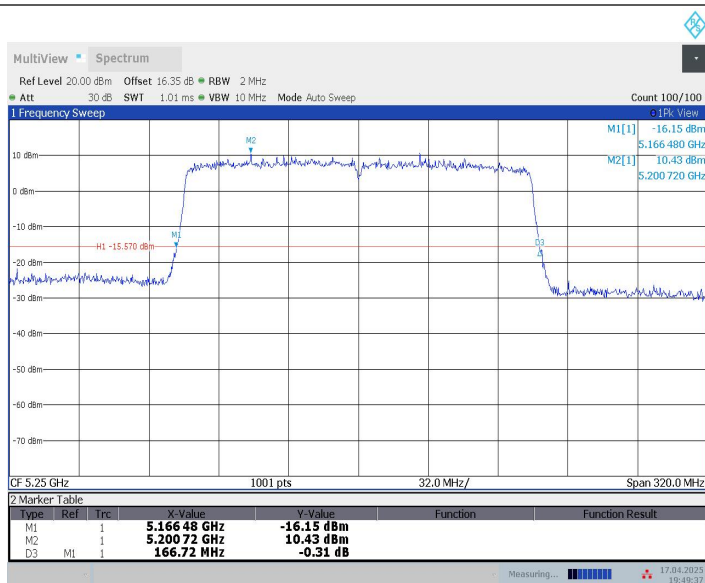
## 11AX20MIMO\_Ant9\_5720



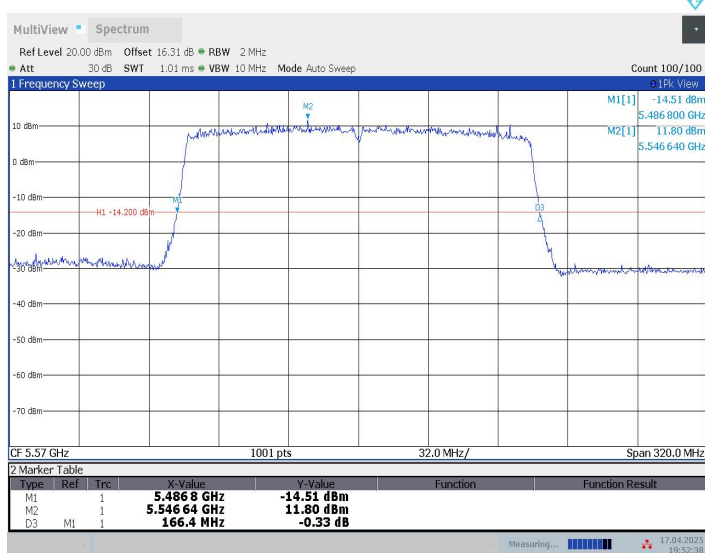
## 11AX160MIMO\_Ant7\_5250



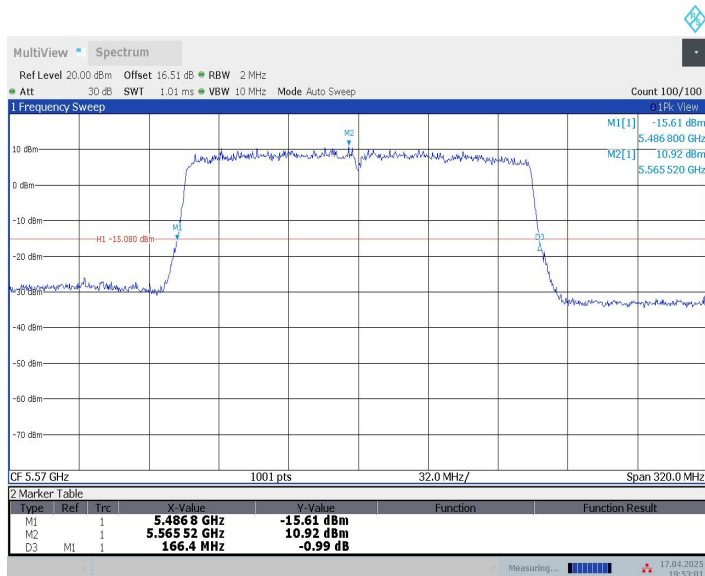
## 11AX160MIMO\_Ant9\_5250



11AX160MIMO\_Ant7\_5570



11AX160MIMO\_Ant9\_5570



## A.5. Band Edges Compliance

### A5.1 Band Edges - Radiated

#### Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.407	-27 dBm/MHz

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)).

#### Limit in restricted band:

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)	Measurement distance(m)
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The measurement is made according to ANSI C63.10-2013 and KDB 789033

#### Measurement Result:

##### FULL RU

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.1	P
	5320 MHz	Fig.2	P
	5500 MHz	Fig.3	P
	5700 MHz	Fig.4	P
802.11n HT20	5180 MHz	Fig.5	P
	5320 MHz	Fig.6	P
	5500 MHz	Fig.7	P
	5700 MHz	Fig.8	P
802.11n HT40	5190 MHz	Fig.9	P
	5310 MHz	Fig.10	P
	5510 MHz	Fig.11	P
	5670 MHz	Fig.12	P
802.11ac VHT20	5180 MHz	Fig.13	P
	5320 MHz	Fig.14	P
	5500 MHz	Fig.15	P
	5700 MHz	Fig.16	P
802.11ac VHT40	5190 MHz	Fig.17	P
	5310 MHz	Fig.18	P
	5510 MHz	Fig.19	P
	5670 MHz	Fig.20	P
802.11ac VHT80	5210MHz	Fig.21	P
	5290MHz	Fig.22	P
	5530MHz	Fig.23	P

	5610MHz	Fig.24	P
802.11ax HE20	5180 MHz	Fig.25	P
	5320 MHz	Fig.26	P
	5500 MHz	Fig.27	P
	5700 MHz	Fig.28	P
802.11ax HE40	5190 MHz	Fig.29	P
	5310 MHz	Fig.30	P
	5510 MHz	Fig.31	P
	5670 MHz	Fig.32	P
802.11ac HE80	5210MHz	Fig.33	P
	5290MHz	Fig.34	P
	5530MHz	Fig.35	P
	5610MHz	Fig.36	P
802.11ax HE160	5250MHz	Fig.37	P
	5250MHz	Fig.38	P
	5570MHz	Fig.39	P
	5570MHz	Fig.40	P

#### Partial RU

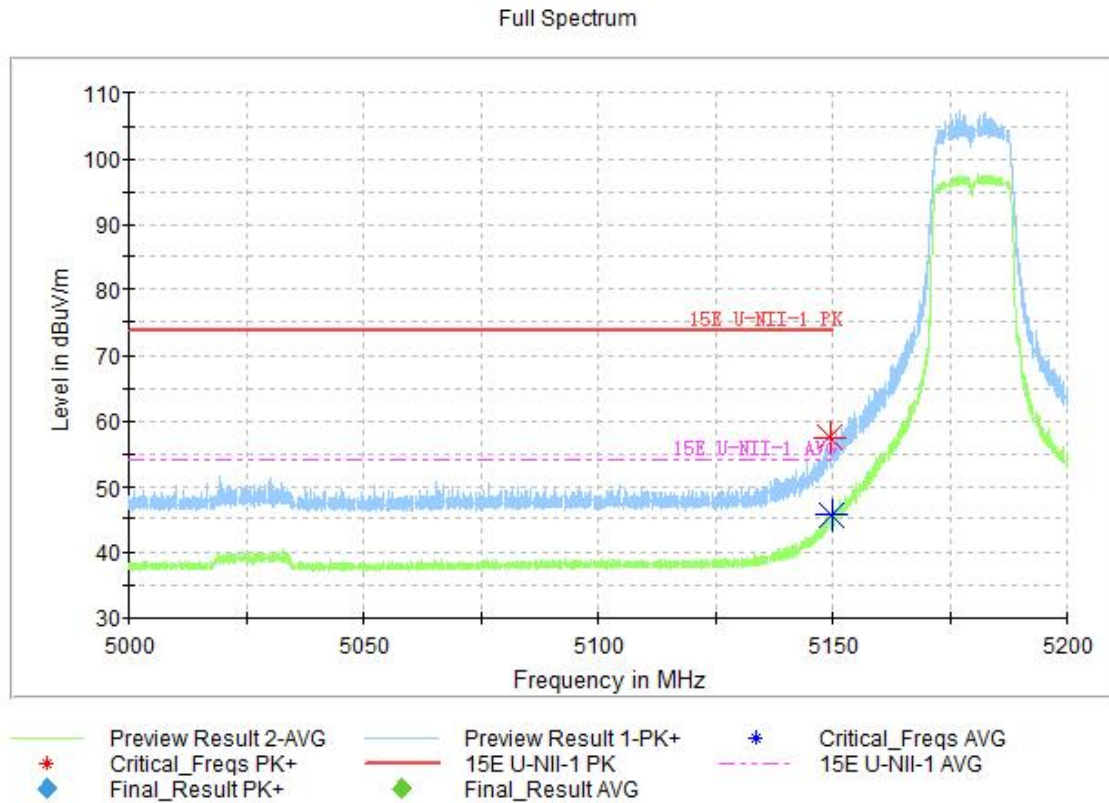
Mode	Channel	RU size and index	Test Results	Conclusion
802.11ax HE20	5180 MHz	106RU-index53	Fig.41	P
	5320 MHz	106RU-index54	Fig.42	P
	5500 MHz	106RU-index53	Fig.43	P
	5700 MHz	106RU-index54	Fig.44	P
802.11ax HE40	5190 MHz	242RU-index61	Fig.45	P
	5310 MHz	242RU-index62	Fig.46	P
	5510 MHz	242RU-index61	Fig.47	P
	5670 MHz	242RU-index62	Fig.48	P
802.11ax HE80	5210MHz	242RU-index61	Fig.49	P
	5290MHz	242RU-index62	Fig.50	P
	5530MHz	242RU-index61	Fig.51	P
	5610MHz	242RU-index62	Fig.52	P
802.11ax HE160	5245MHz	242RU-index61	Fig.53	P
	5245MHz	242RU-index124	Fig.54	P
	5565MHz	242RU-index61	Fig.55	P
	5565MHz	242RU-index124	Fig.56	P

Note1: All partial RU and full RU have been tested, in spurious domain there are basically noises with suspicious emission, thus only the full RU results were reported.

Note2: All SISO and MIMO emissions have been checked, only the worst cases were reported.

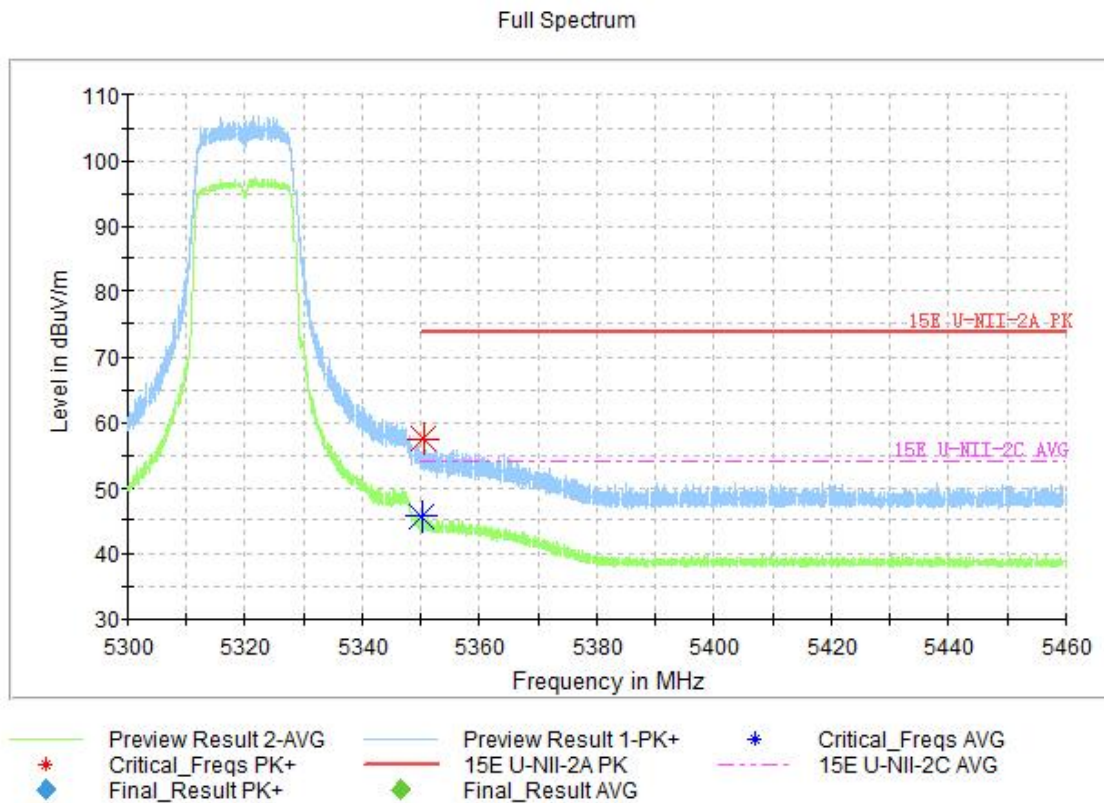
**Conclusion: PASS**

**Test graphs as below:**

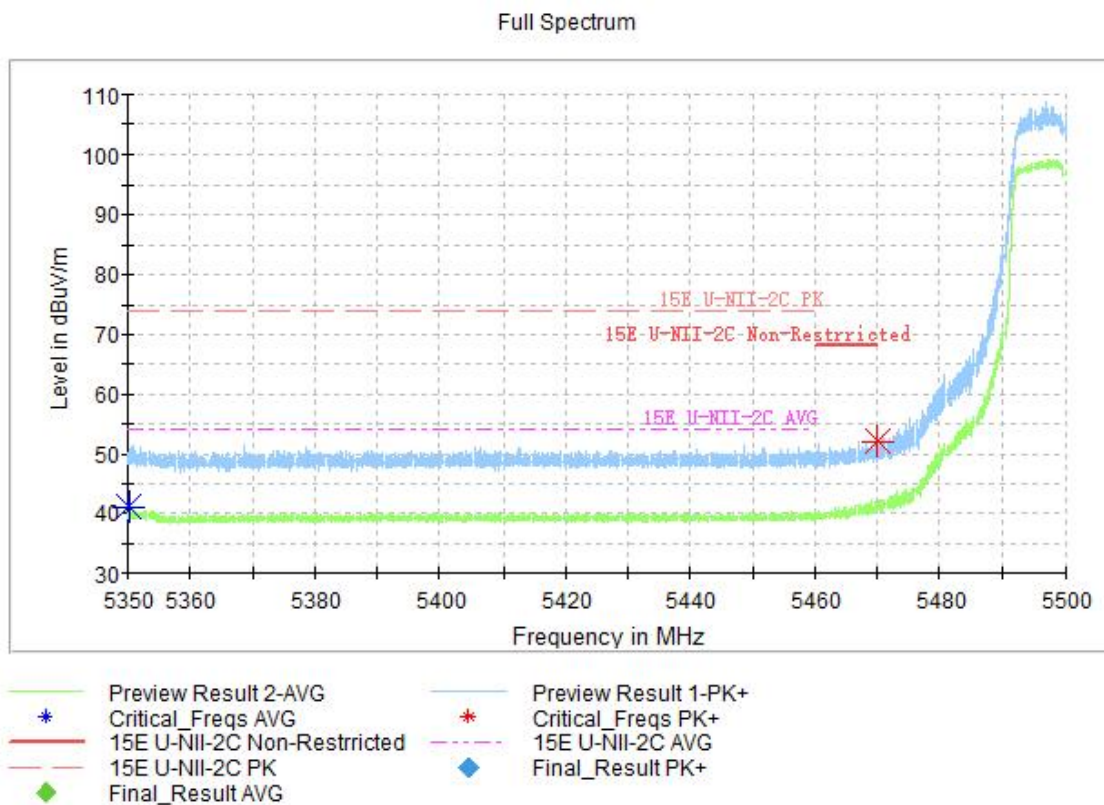


**Fig.1 Band Edges (802.11a Ch36, 5180MHz, Full RU)**

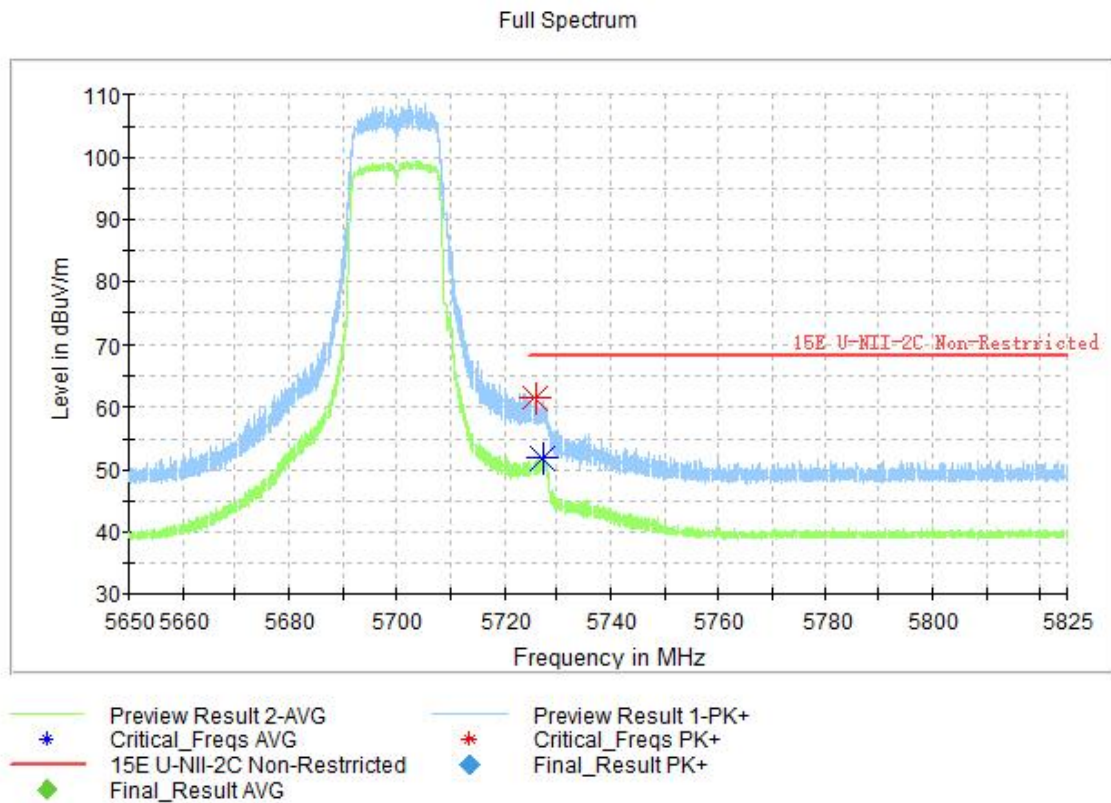




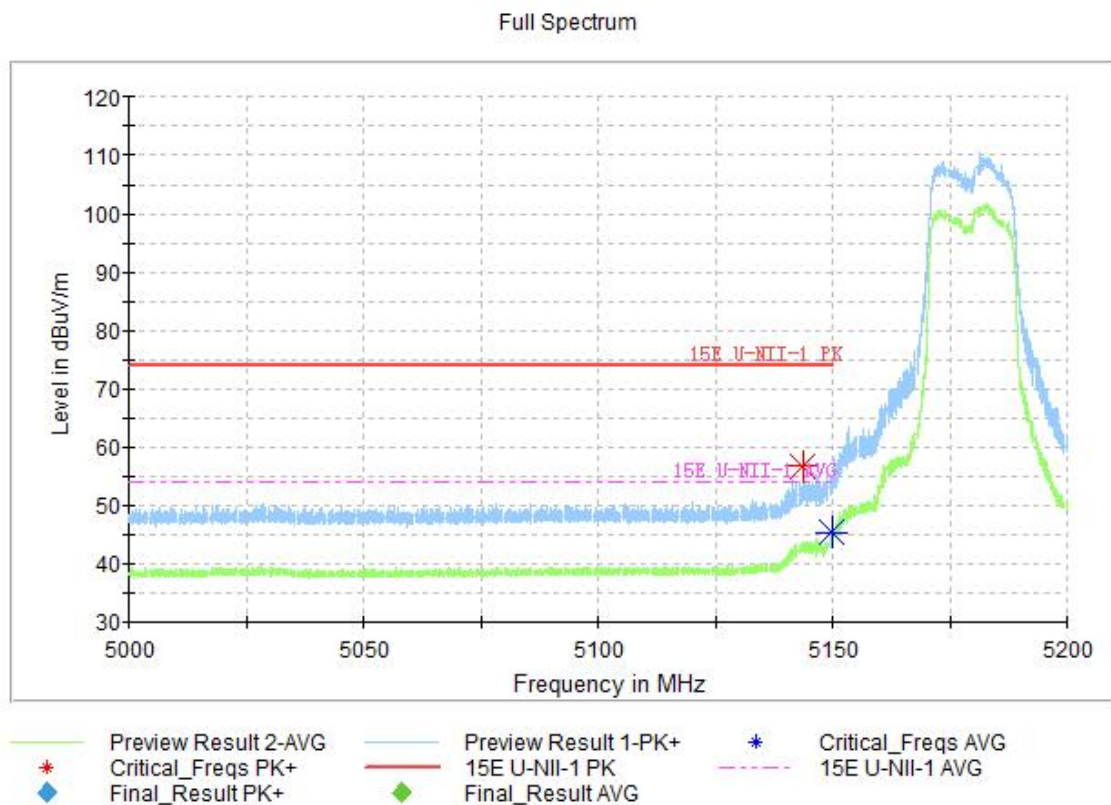
**Fig.2 Band Edges (802.11a Ch64, 5320MHz, Full RU)**



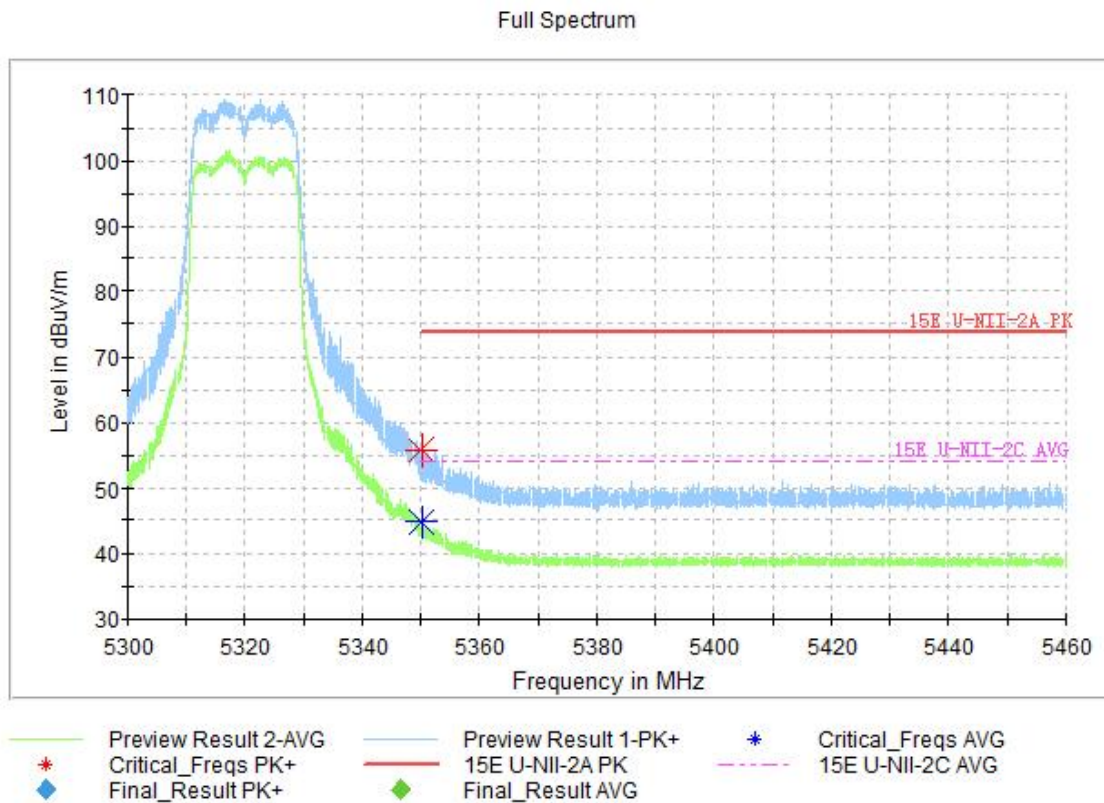
**Fig.3 Band Edges (802.11a Ch100, 5500MHz, Full RU)**



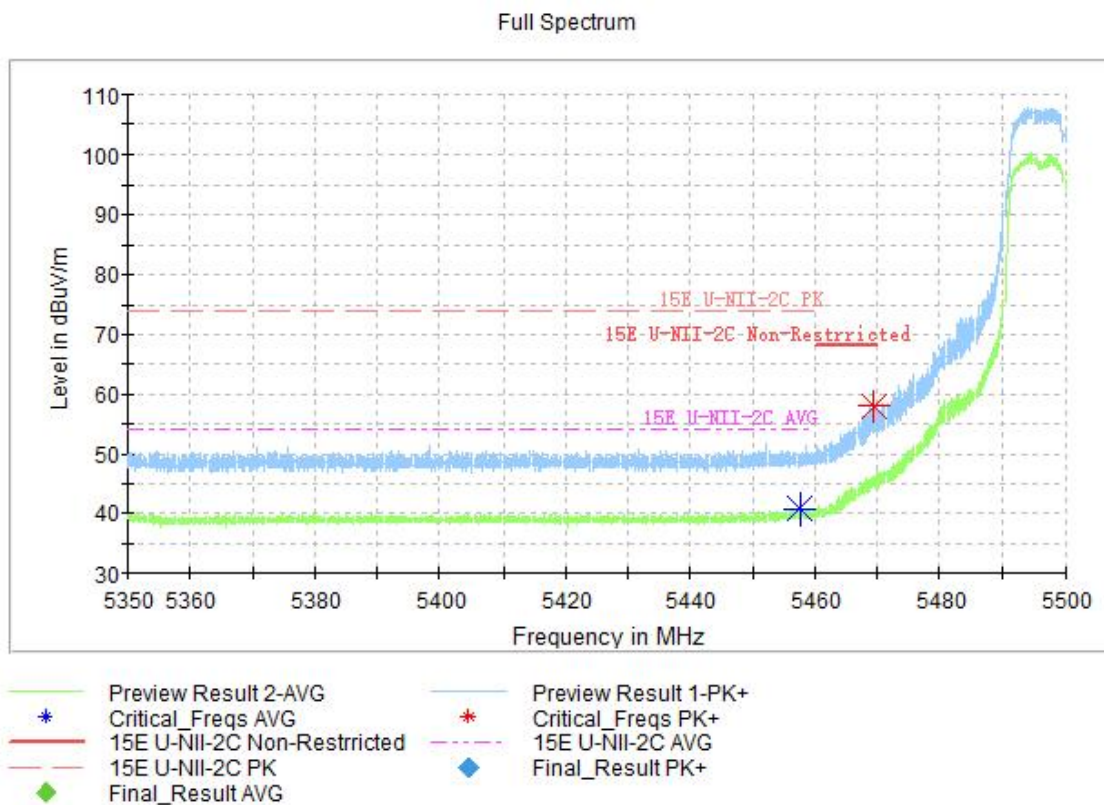
**Fig.4 Band Edges (802.11a Ch140, 5700MHz, Full RU)**



**Fig.5 Band Edges (802.11n-HT20 Ch36, 5180MHz, Full RU)**

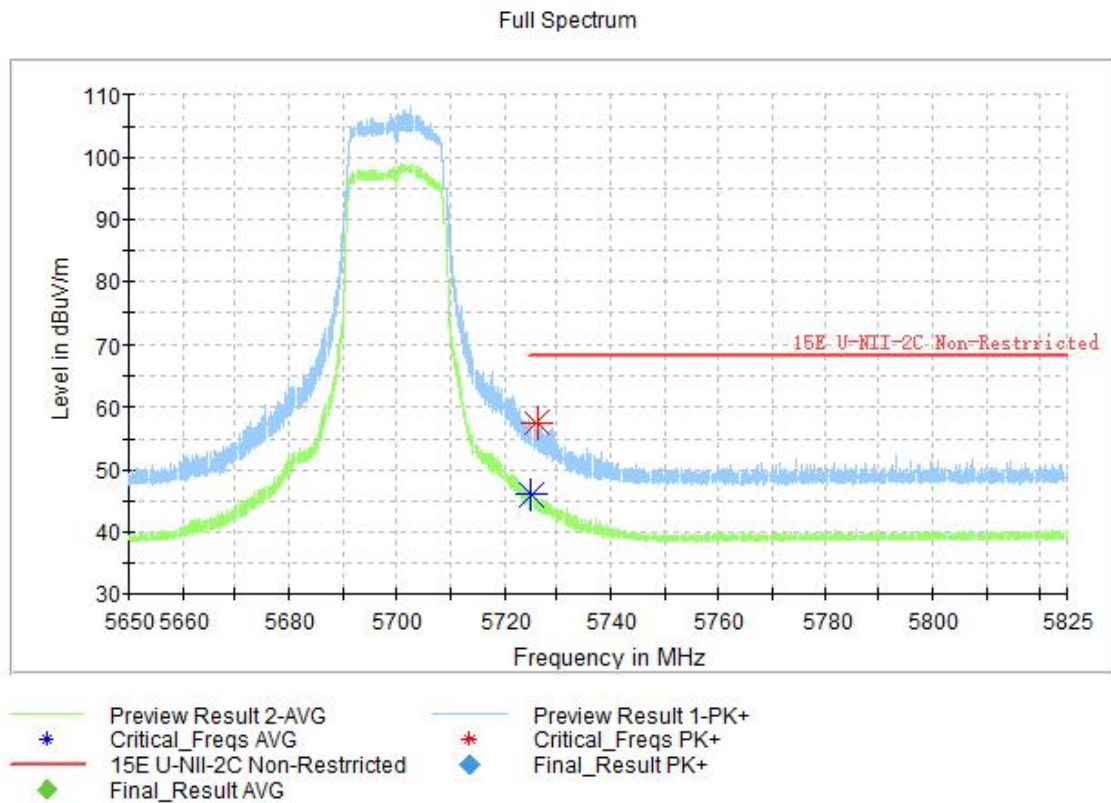


**Fig.6 Band Edges (802.11n-HT20 Ch64, 5320MHz, Full RU)**

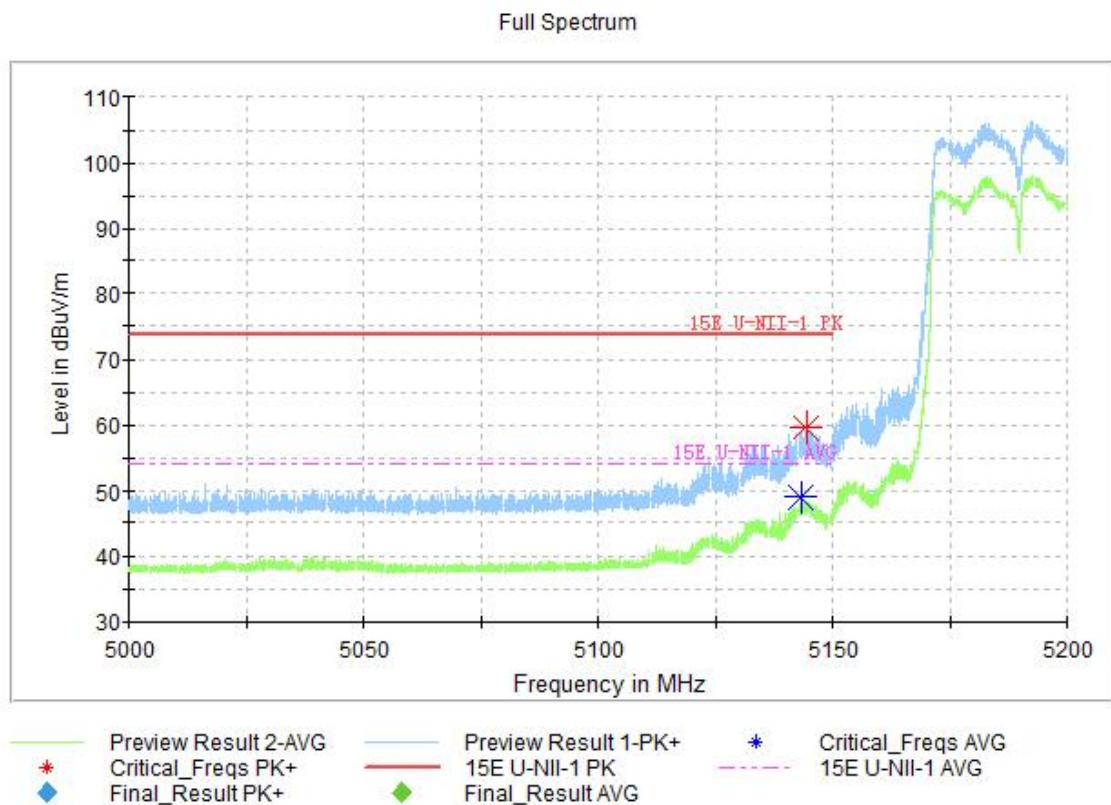


**Fig.7 Band Edges (802.11n-HT20 Ch100, 5500MHz, Full RU)**

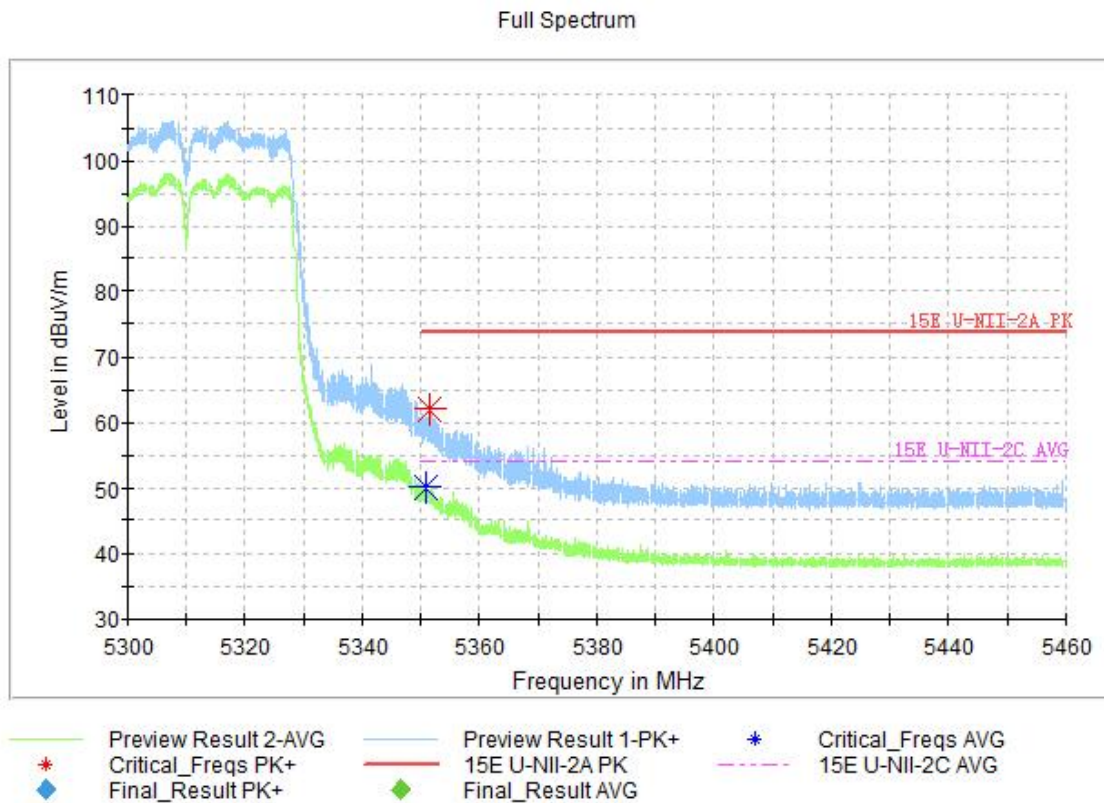




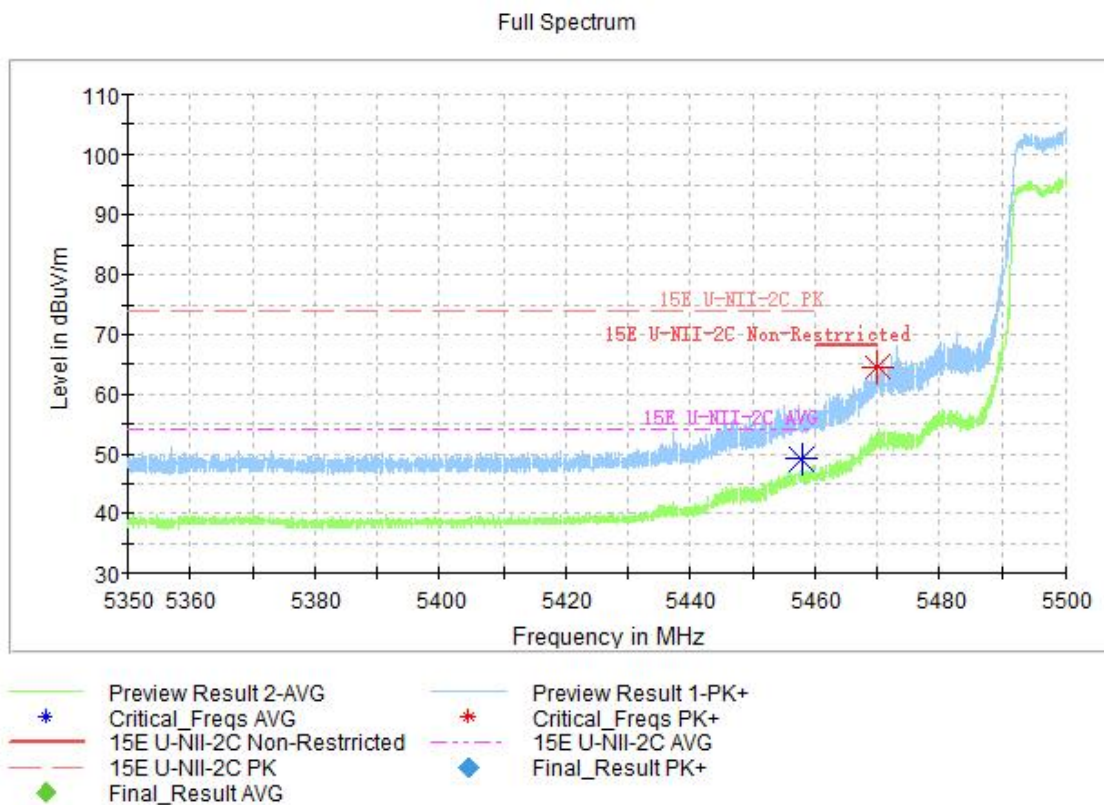
**Fig.8 Band Edges (802.11n-HT20 Ch140, 5700MHz, Full RU)**



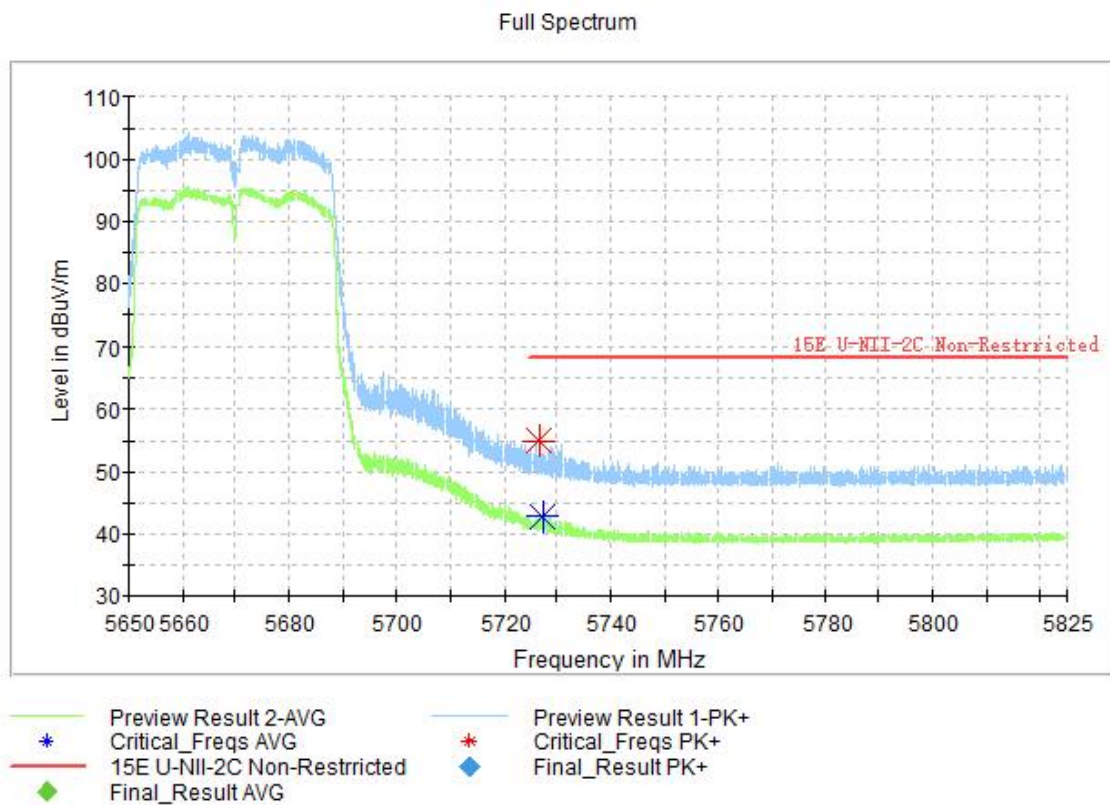
**Fig.9 Band Edges (802.11n-HT40 Ch38, 5190MHz, Full RU)**



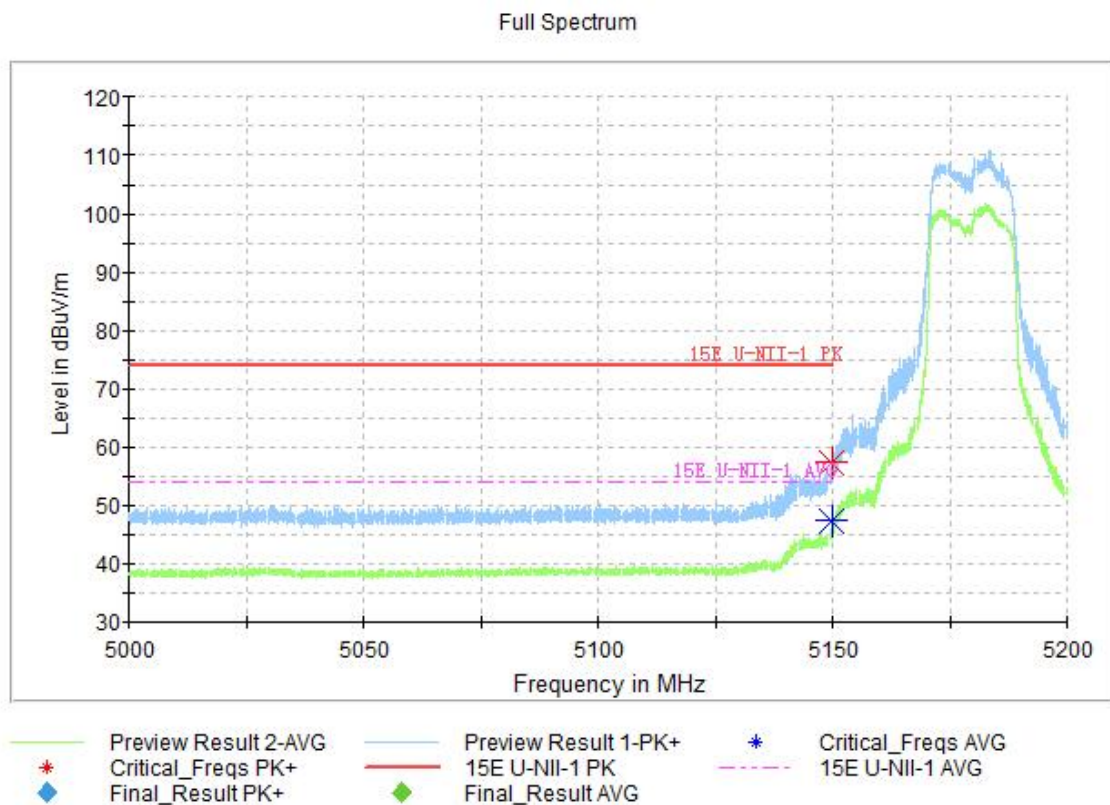
**Fig.10 Band Edges (802.11n-HT40 Ch62, 5310MHz, Full RU)**



**Fig.11 Band Edges (802.11n-HT40 Ch102, 5510MHz, Full RU)**

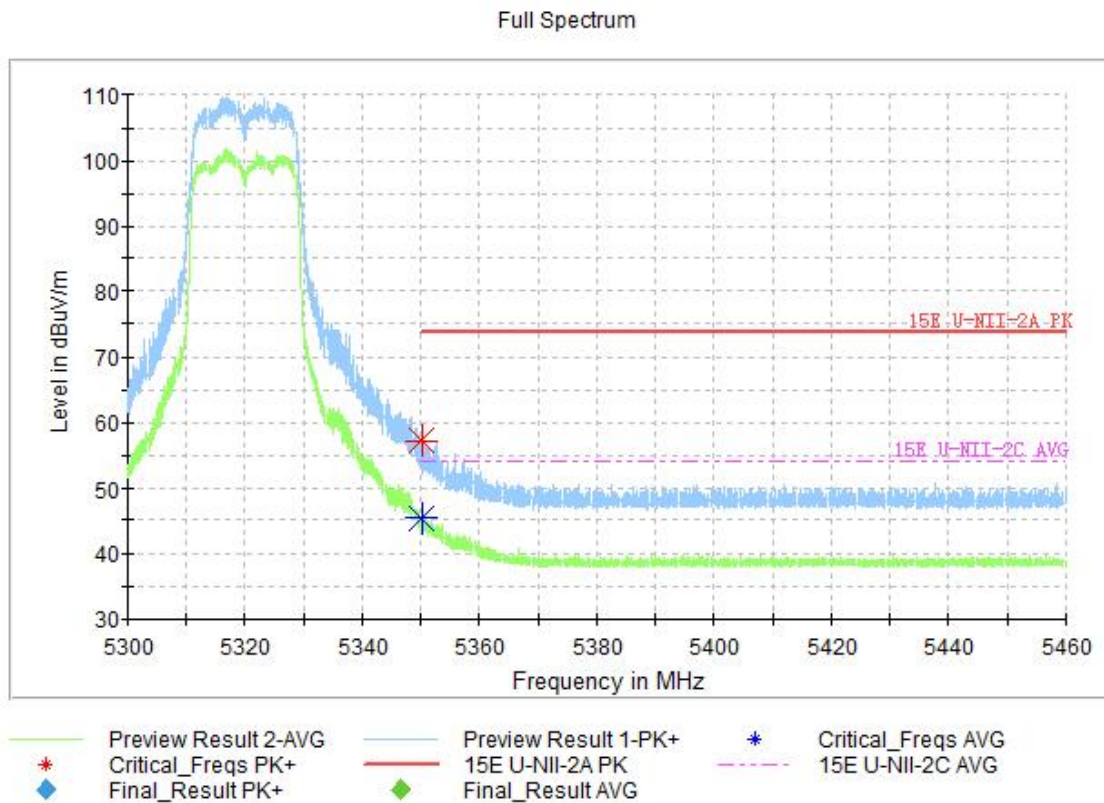


**Fig.12 Band Edges (802.11n-HT40 Ch134, 5670MHz, Full RU)**

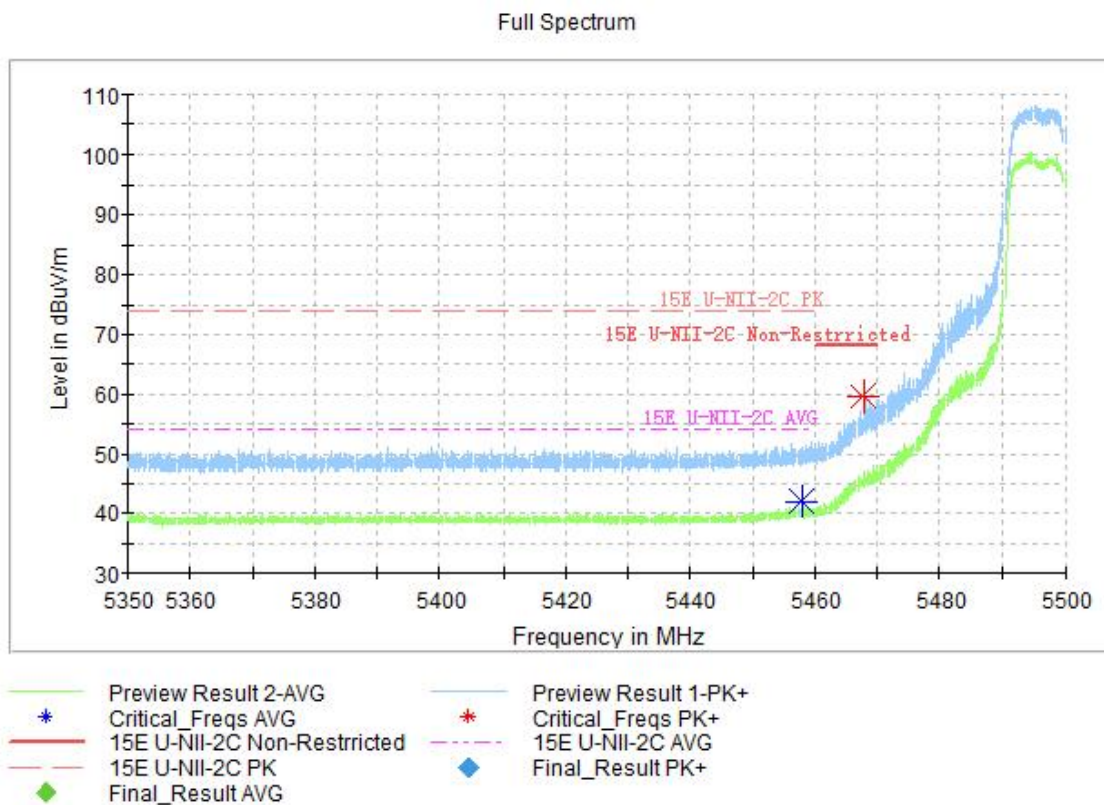


**Fig.13 Band Edges (802.11ac-HT20 Ch36, 5180MHz, Full RU)**

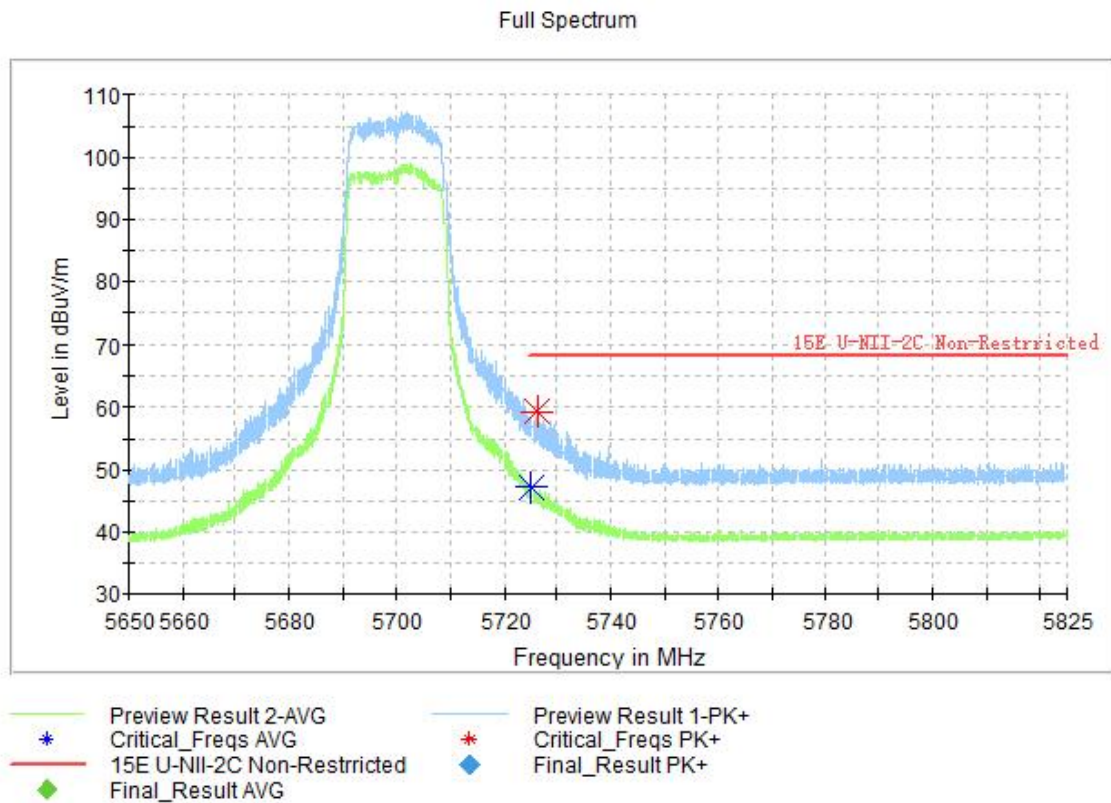




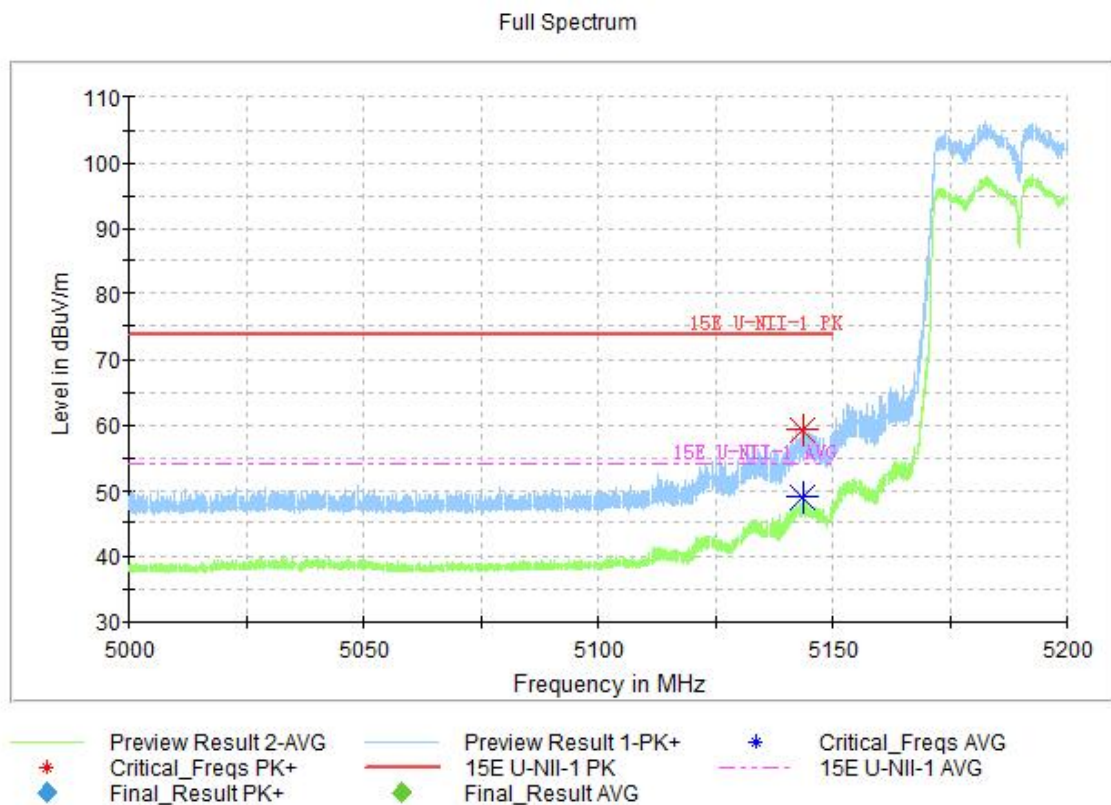
**Fig.14 Band Edges (802.11ac-HT20 Ch64, 5320MHz, Full RU)**



**Fig.15 Band Edges (802.11ac-HT20 Ch100, 5500MHz, Full RU)**

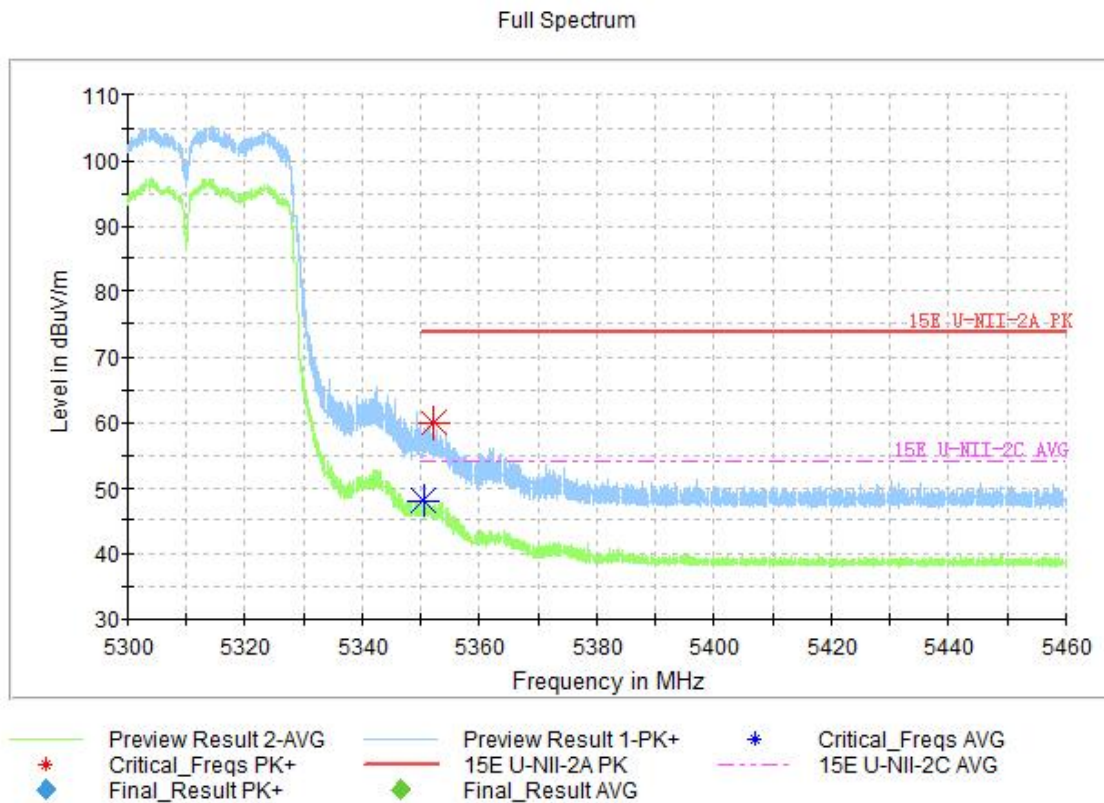


**Fig.16 Band Edges (802.11ac-HT20 Ch140, 5700MHz, Full RU)**

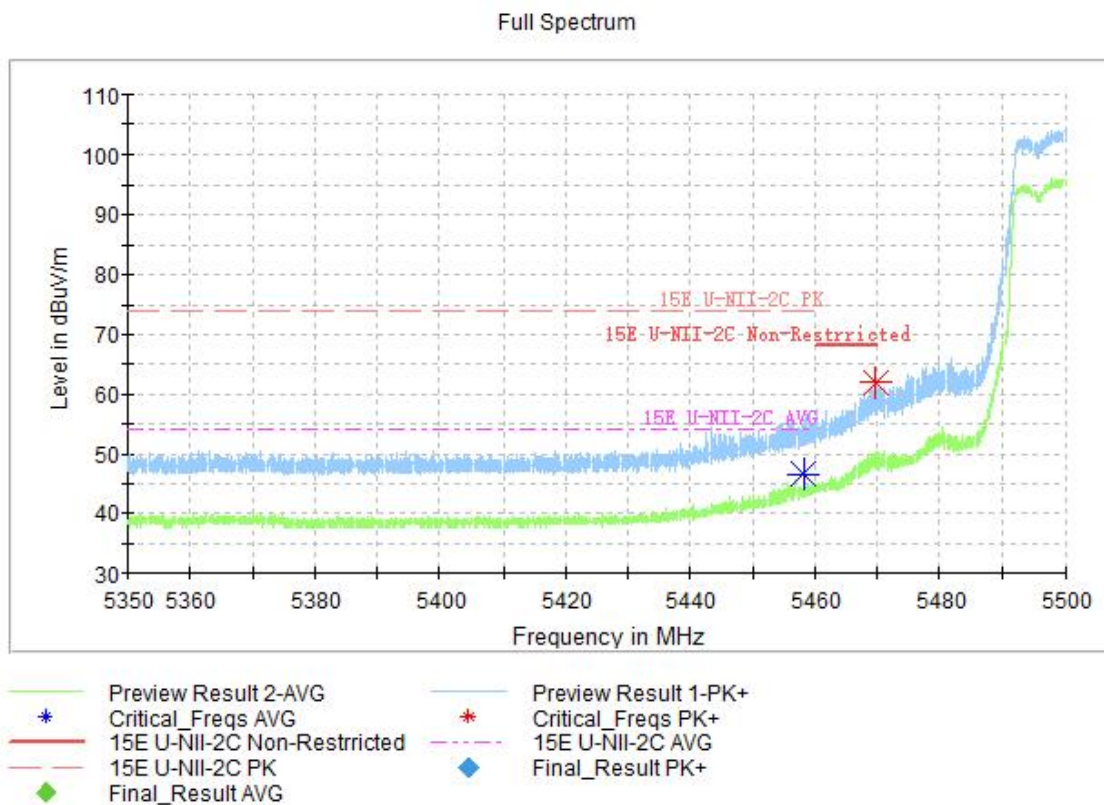


**Fig.17 Band Edges (802.11ac-HT40 Ch38, 5190MHz, Full RU)**

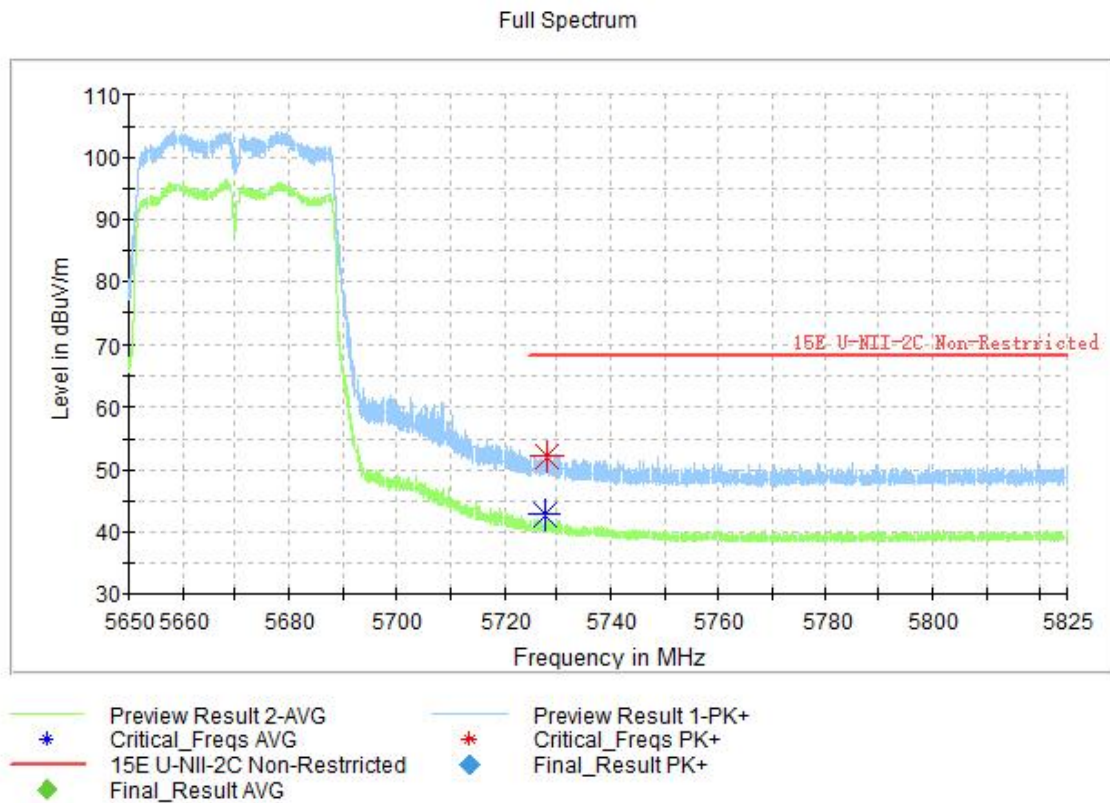




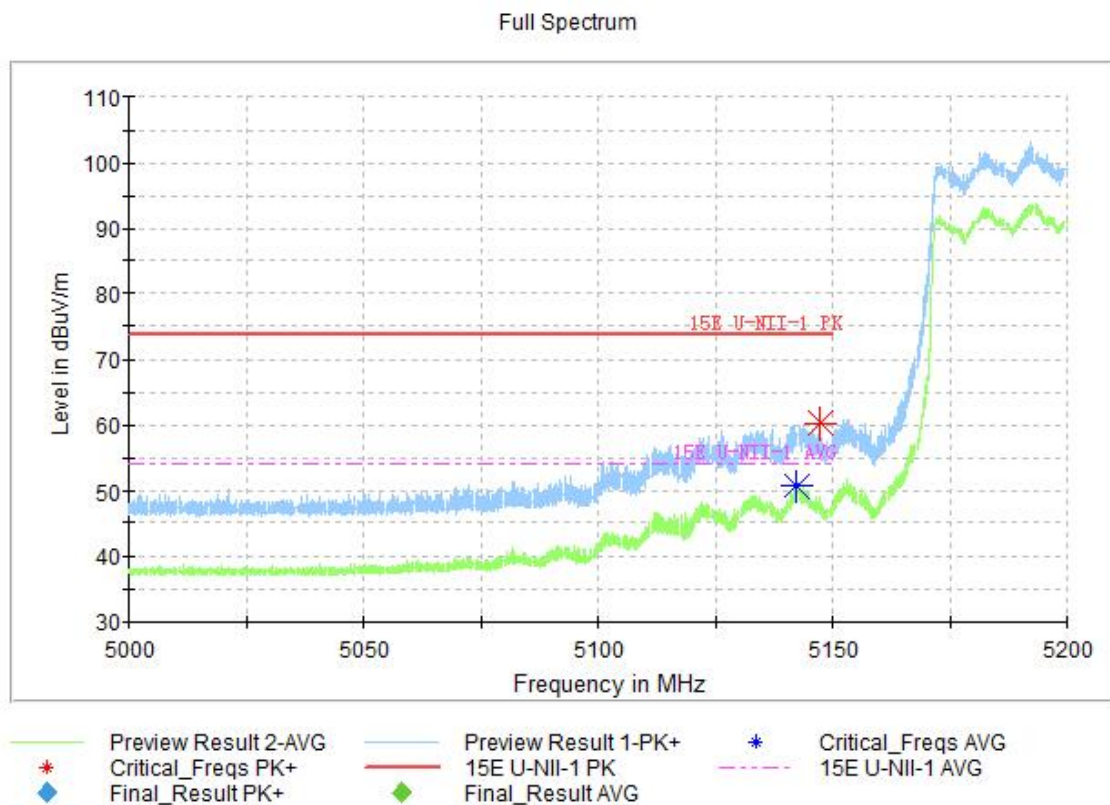
**Fig.18 Band Edges (802.11ac-HT40 Ch62, 5310MHz, Full RU)**



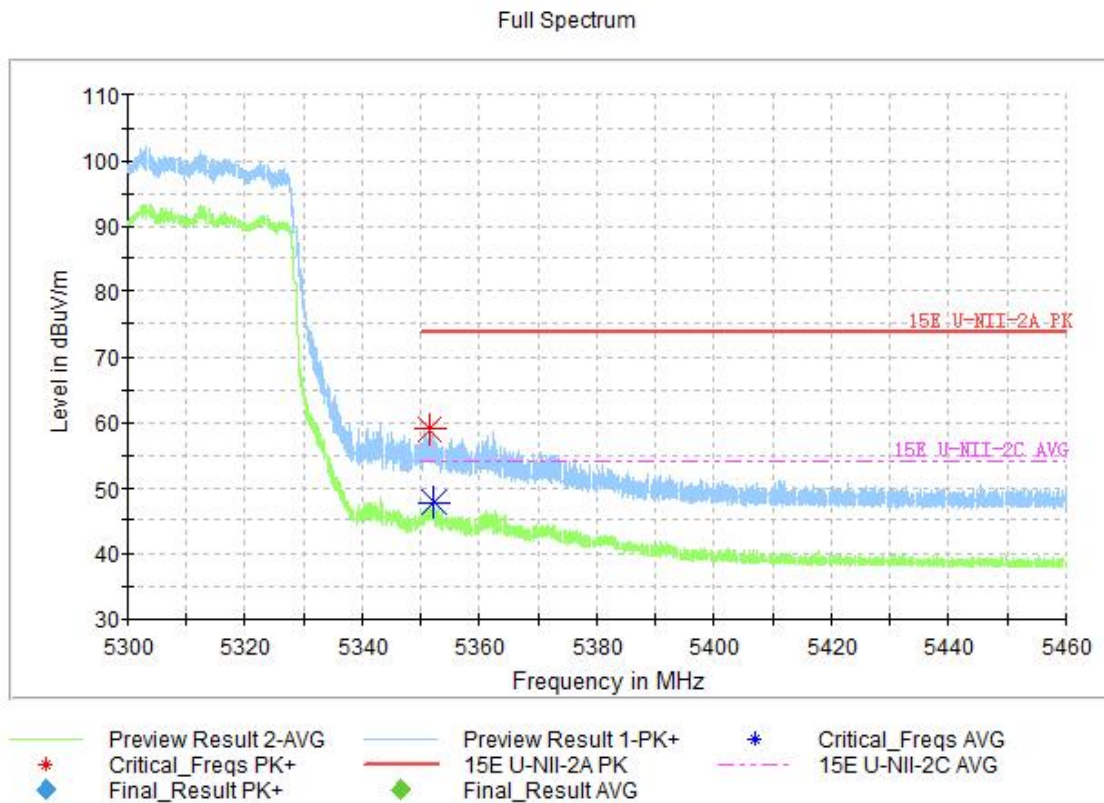
**Fig.19 Band Edges (802.11ac-HT40 Ch102, 5510MHz, Full RU)**



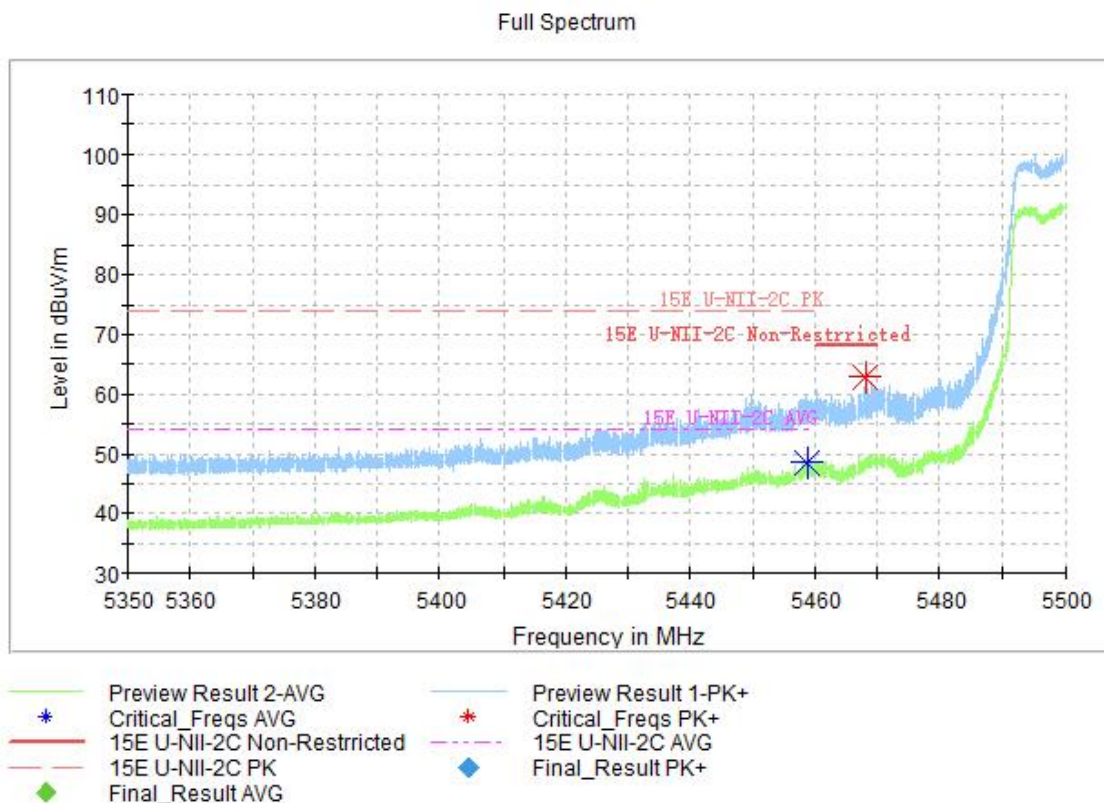
**Fig.20 Band Edges (802.11ac-HT40 Ch134, 5670MHz, Full RU)**



**Fig.21 Band Edges (802.11ac-HT80 Ch42 , 5210MHz, Full RU)**

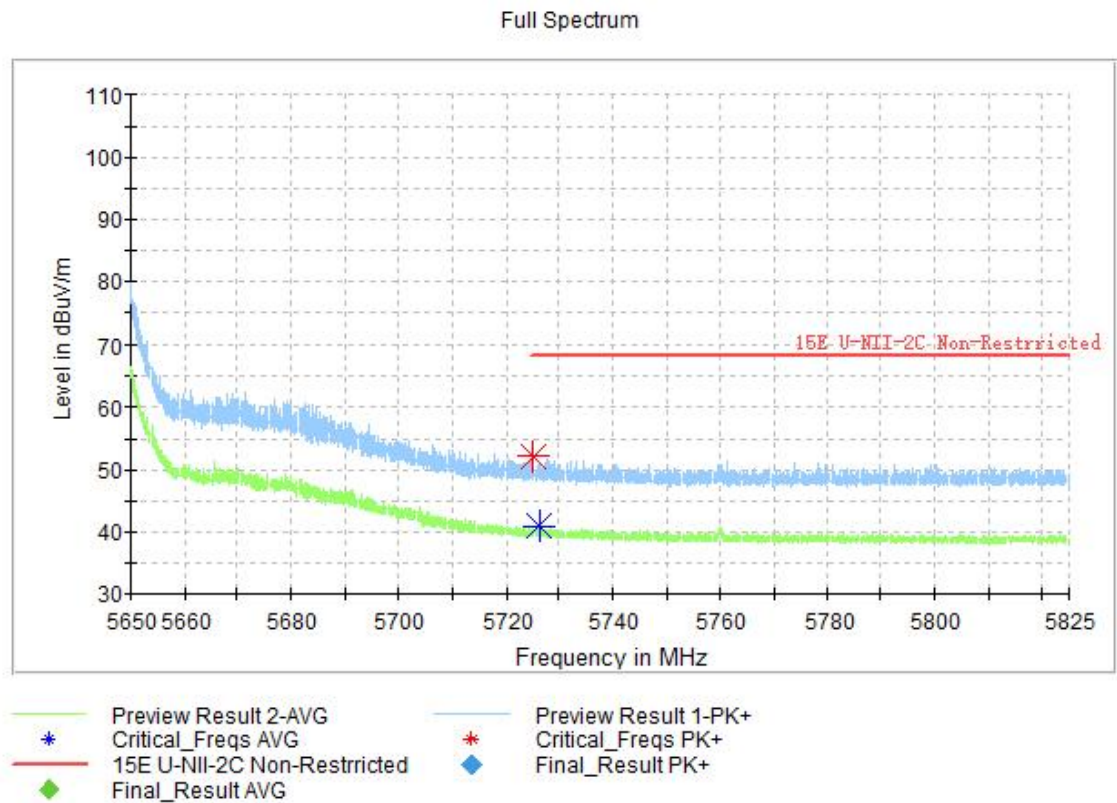


**Fig.22 Band Edges (802.11ac-HT80 Ch58, 5290MHz, Full RU)**

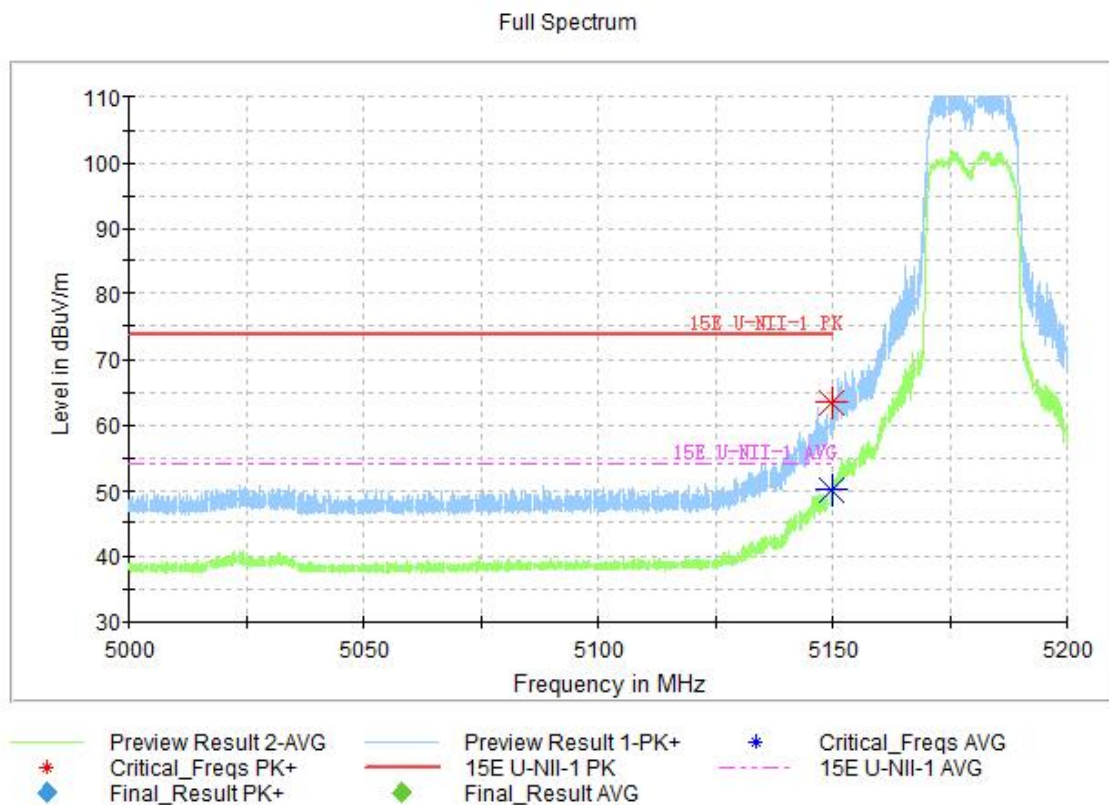


**Fig.23 Band Edges (802.11ac-HT80 Ch106, 5530MHz, Full RU)**

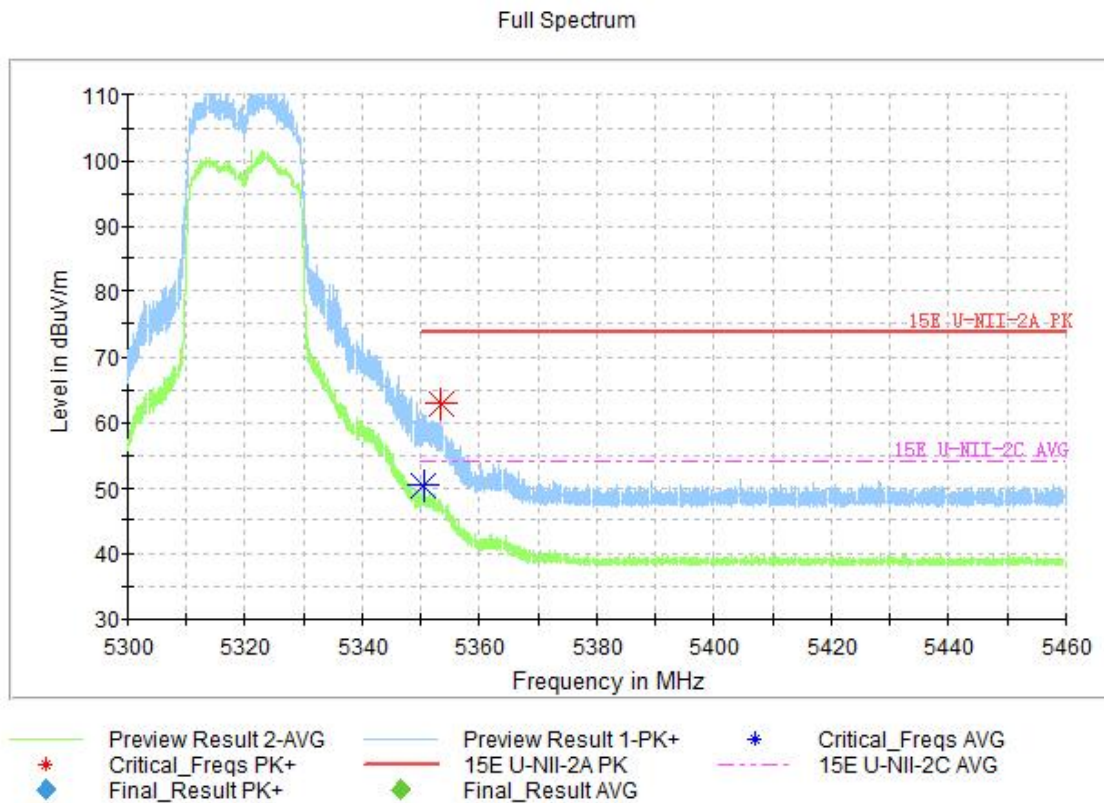




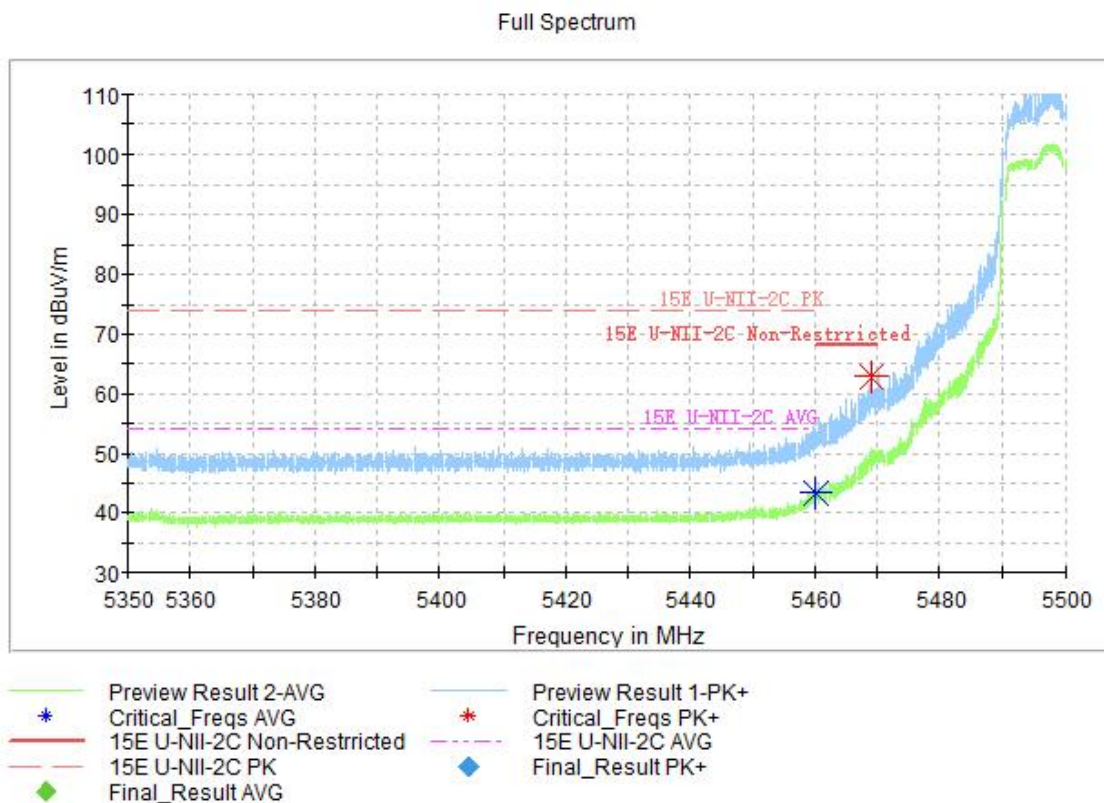
**Fig.24 Band Edges (802.11ac-HT80 Ch122, 5610MHz, Full RU)**



**Fig.25 Band Edges (802.11ax-HT20 Ch36, 5180MHz, Full RU)**



**Fig.26 Band Edges (802.11ax-HT20 Ch64, 5320MHz, Full RU)**



**Fig.27 Band Edges (802.11ax-HT20 Ch100, 5500MHz, Full RU)**