

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17991.200	50.00	-29.59	45.95	33.64	74.00	24.00	V
17975.250	49.81	-29.59	45.95	33.45	74.00	24.19	V
14688.450	46.39	-30.04	41.50	34.93	68.20	21.81	H
14671.950	46.27	-30.04	41.50	34.81	68.20	21.93	V
5452.600	50.90	-27.49	34.20	44.19	74.00	23.10	H
5468.155	49.82	-27.49	34.20	43.11	68.20	18.38	H

Channel 122

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17974.150	50.77	-29.59	45.95	34.41	74.00	23.23	H
17872.950	50.47	-29.59	45.95	34.11	74.00	23.53	V
14604.300	46.30	-30.67	41.70	35.27	68.20	21.90	H
14699.450	45.94	-30.04	41.50	34.48	68.20	22.26	V
5730.360	47.67	-27.47	34.10	41.04	68.20	20.53	H
5748.892	47.19	-27.21	34.00	40.40	68.20	21.01	V

802.11ax-HT160

Channel 50

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17992.300	49.21	-29.59	45.95	32.85	74.00	24.79	H
17910.900	48.58	-29.59	45.95	32.22	74.00	25.42	V
14530.050	44.58	-30.55	41.90	33.23	68.20	23.62	V
14697.250	44.56	-30.04	41.50	33.10	68.20	23.64	V
5148.460	52.67	-27.79	34.00	46.46	74.00	21.33	H
5145.100	52.44	-27.79	34.00	46.23	74.00	21.56	H

Channel 114

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17981.850	50.56	-29.59	45.95	34.20	74.00	23.44	V
17986.250	49.91	-29.59	45.95	33.55	74.00	24.09	V
14608.150	47.18	-30.67	41.70	36.15	68.20	21.02	V
14601.550	46.32	-29.14	41.90	33.56	68.20	21.88	V
5451.595	50.97	-27.49	34.20	44.26	74.00	23.03	H
5465.815	51.27	-27.49	34.20	44.56	68.20	16.93	H

Note: the spurious emission above 18G is noise only. No emissions were found within 20dB of the limit below 30MHz.

Conclusion: PASS

Band Edges Compliance– Radiated

EUT ID: EUT1

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
802.11ac VHT160	5250 MHz	Fig.25	P
	5570 MHz	Fig.26	P
802.11ax HE20	5180 MHz	Fig.27	P
	5320 MHz	Fig.28	P
	5500 MHz	Fig.29	P
	5700 MHz	Fig.30	P
802.11ax HE40	5190 MHz	Fig.31	P
	5310 MHz	Fig.32	P
	5510 MHz	Fig.33	P
	5670 MHz	Fig.34	P
802.11ax HE80	5210 MHz	Fig.35	P
	5290 MHz	Fig.36	P
	5530 MHz	Fig.37	P
	5610 MHz	Fig.38	P

802.11ax	5250 MHz	Fig.39	P
HE160	5570 MHz	Fig.40	P

EUT ID: EUT2
Full RU

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.41	P
	5320 MHz	Fig.42	P
	5500 MHz	Fig.43	P
	5700 MHz	Fig.44	P
802.11n HT20	5180 MHz	Fig.45	P
	5320 MHz	Fig.46	P
	5500 MHz	Fig.47	P
	5700 MHz	Fig.48	P
802.11n HT40	5190 MHz	Fig.49	P
	5310 MHz	Fig.50	P
	5510 MHz	Fig.51	P
	5670 MHz	Fig.52	P
802.11ac VHT20	5180 MHz	Fig.53	P
	5320 MHz	Fig.54	P
	5500 MHz	Fig.55	P
	5700 MHz	Fig.56	P
802.11ac VHT40	5190 MHz	Fig.57	P
	5310 MHz	Fig.58	P
	5510 MHz	Fig.59	P
	5670 MHz	Fig.60	P
802.11ac VHT80	5210MHz	Fig.61	P
	5290MHz	Fig.62	P
	5530MHz	Fig.63	P
	5610MHz	Fig.64	P
802.11ac VHT160	5250 MHz	Fig.65	P
	5570 MHz	Fig.66	P
802.11ax HE20	5180 MHz	Fig.67	P
	5320 MHz	Fig.68	P
	5500 MHz	Fig.69	P
	5700 MHz	Fig.70	P
802.11ax HE40	5190 MHz	Fig.71	P
	5310 MHz	Fig.72	P
	5510 MHz	Fig.73	P
	5670 MHz	Fig.74	P
802.11ax HE80	5210 MHz	Fig.75	P
	5290 MHz	Fig.76	P

	5530 MHz	Fig.77	P
	5610 MHz	Fig.78	P
802.11ax HE160	5250 MHz	Fig.79	P
	5570 MHz	Fig.80	P

The measurements were performed separately in Chain A, Chain B, and MIMO (Chain A+B), and only the worst cases are shown in this section.

Conclusion: PASS

Test graphs as below:

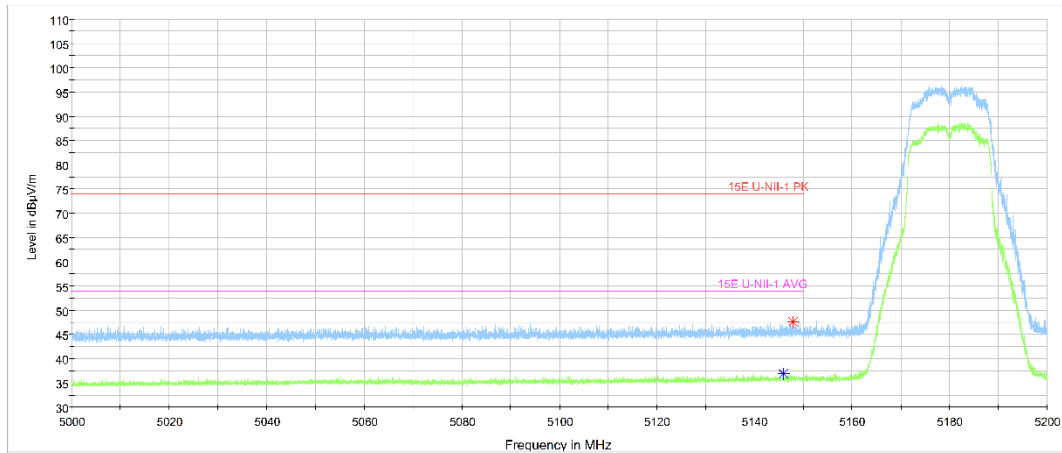


Fig. 1 Band Edges (802.11a, CHAIN A, Ch36, 5180MHz)

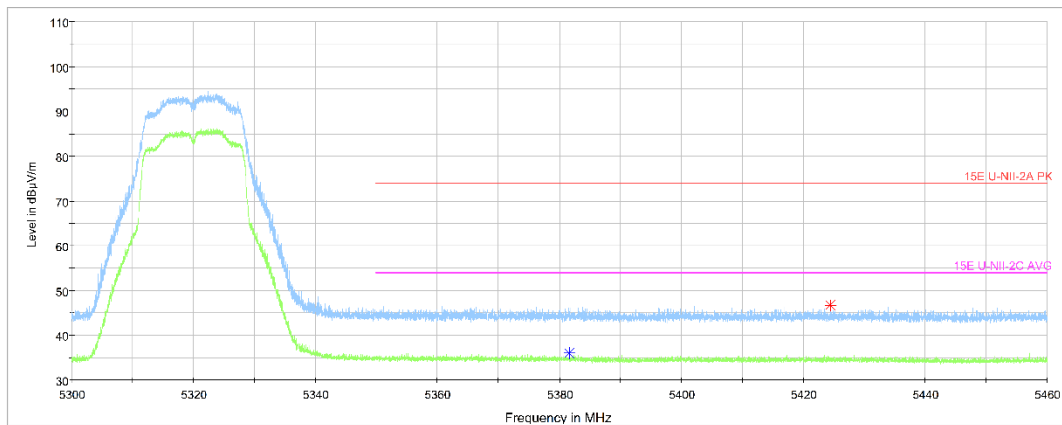


Fig. 2 Band Edges (802.11a, CHAIN A, Ch64, 5320MHz)

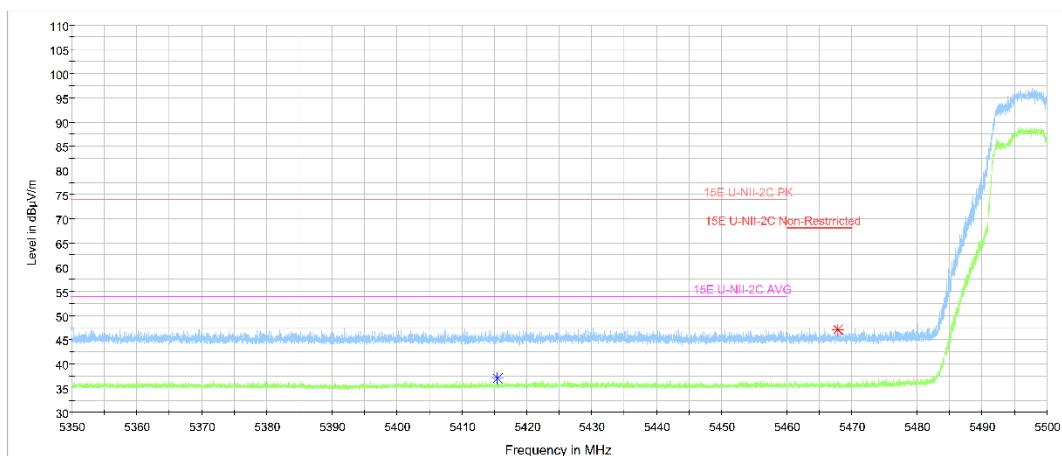


Fig. 3 Band Edges (802.11a, CHAIN A, Ch100, 5500MHz)

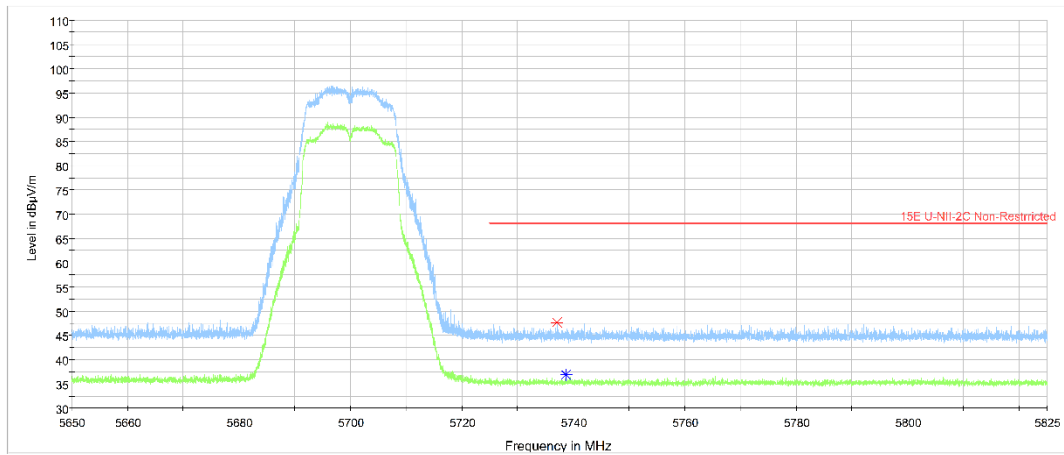


Fig. 4 Band Edges (802.11a, CHAIN A, Ch140, 5700MHz)

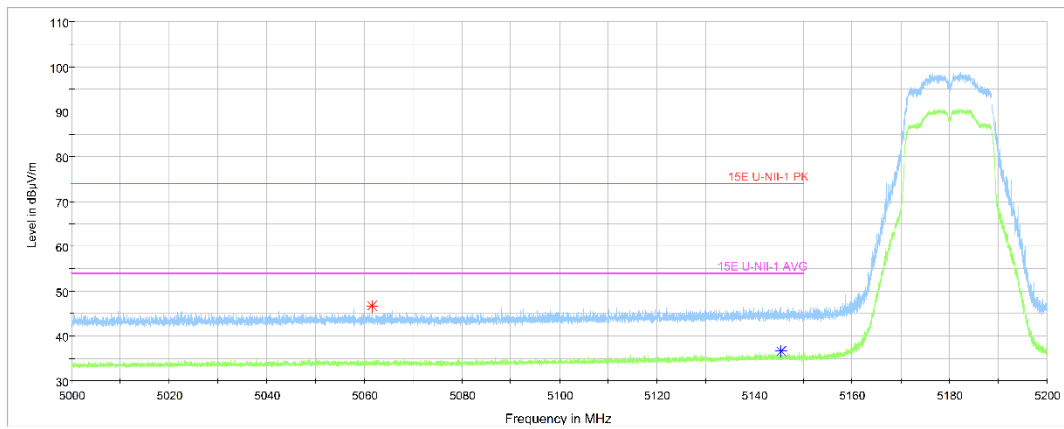


Fig. 5 Band Edges (802.11n-HT20, MIMO, Ch36, 5180MHz)

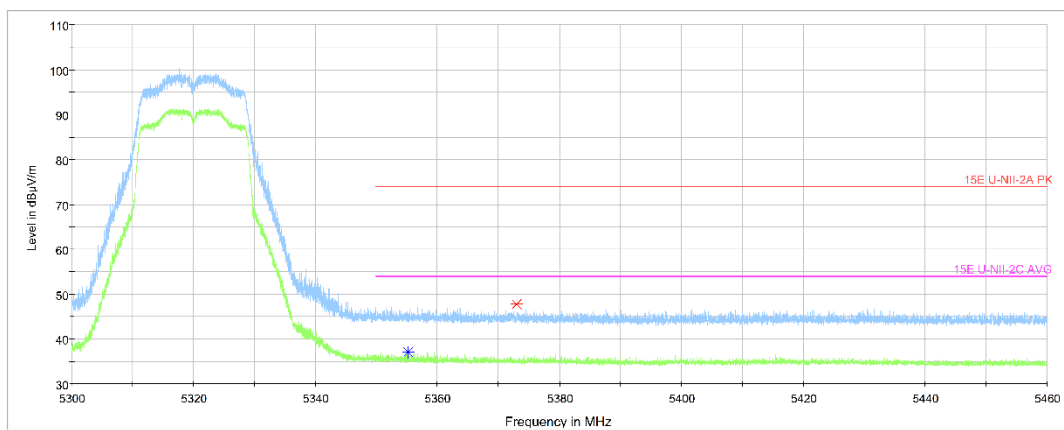


Fig. 6 Band Edges (802.11n-HT20 , MIMO, Ch64, 5320MHz)

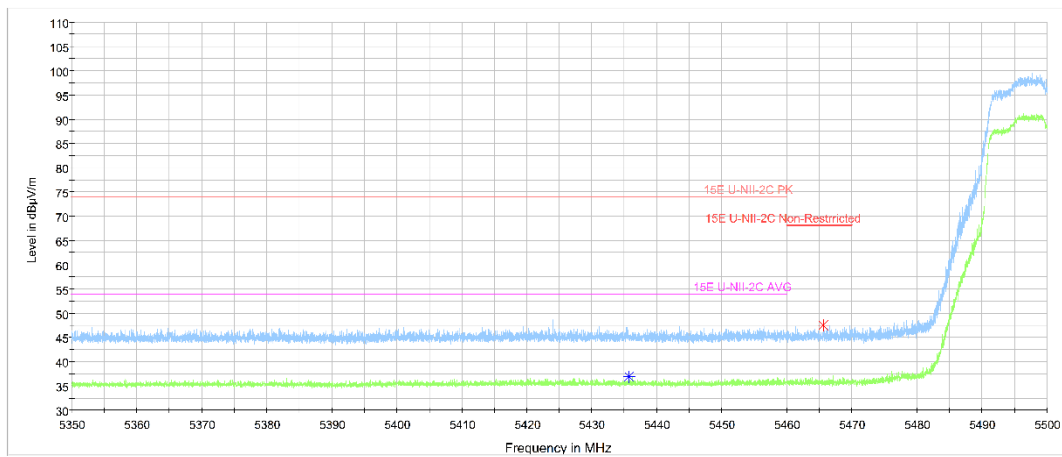


Fig. 7 Band Edges (802.11n-HT20 , MIMO,Ch100, 5500MHz)

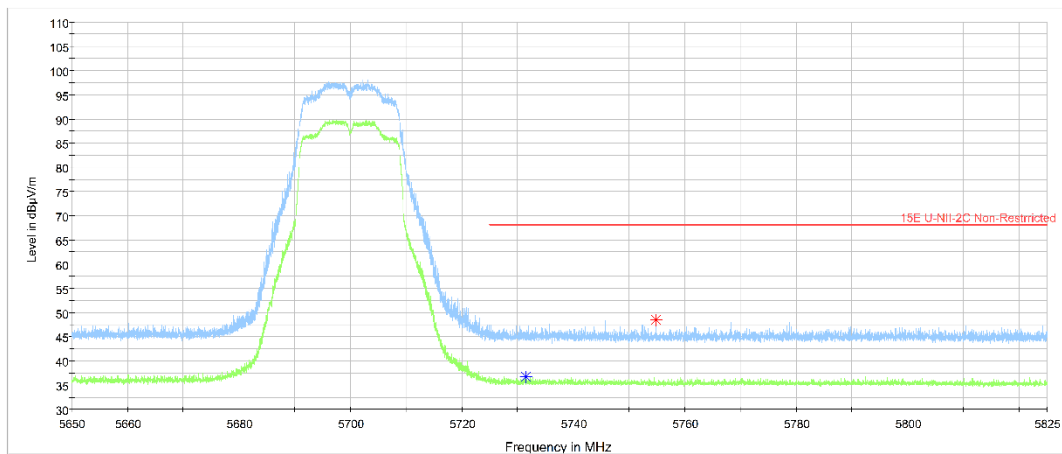


Fig. 8 Band Edges (802.11n-HT20 , MIMO,Ch140, 5700MHz)

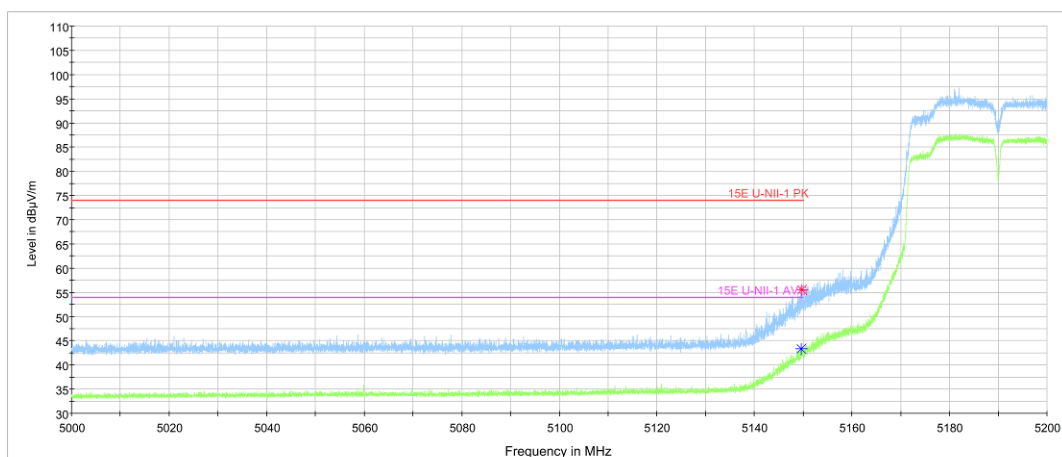


Fig. 9 Band Edges (802.11n-HT40 , MIMO,Ch38, 5190MHz)

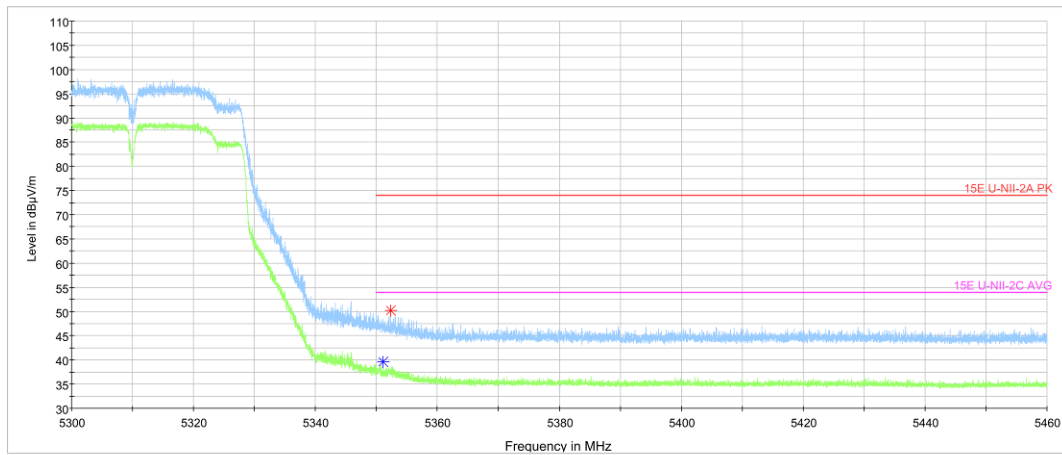


Fig. 10 Band Edges (802.11n-HT40 , MIMO,Ch62, 5310MHz)

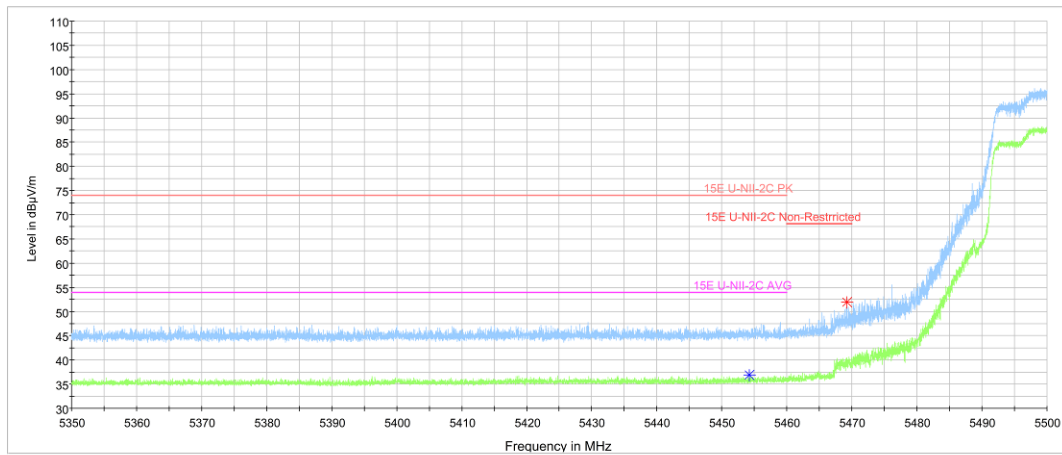


Fig. 11 Band Edges (802.11n-HT40 , MIMO,Ch102, 5510MHz)

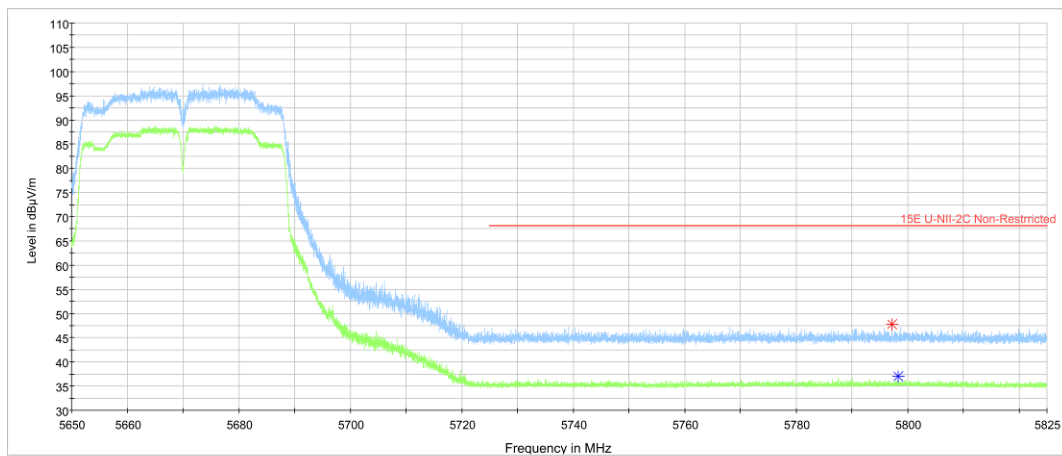


Fig. 12 Band Edges (802.11n-HT40 , MIMO,Ch134, 5670MHz)

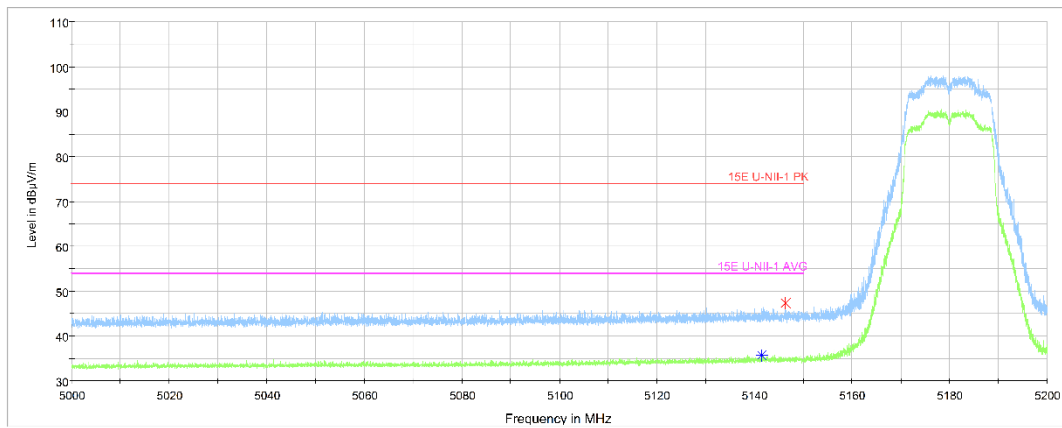


Fig. 13 Band Edges (802.11ac-VHT20 , MIMO,Ch36, 5180MHz)

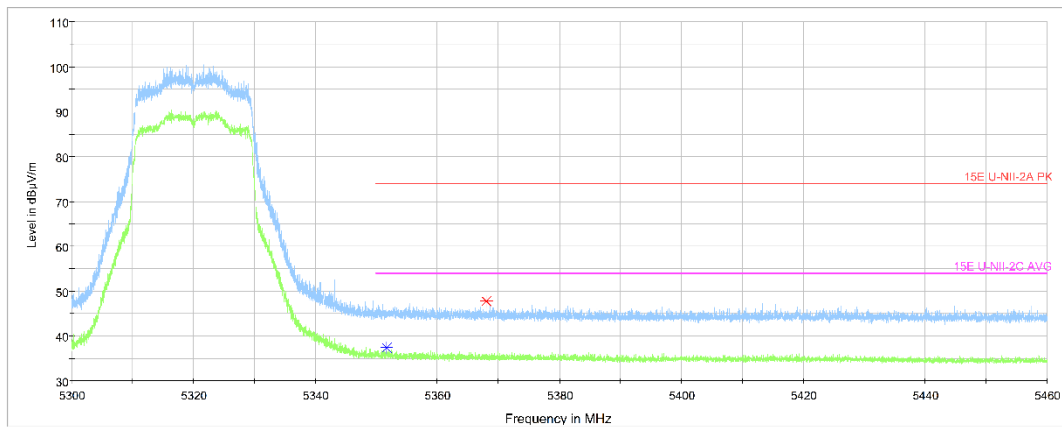


Fig. 14 Band Edges (802.11ac-VHT20 , MIMO,Ch64, 5320MHz)

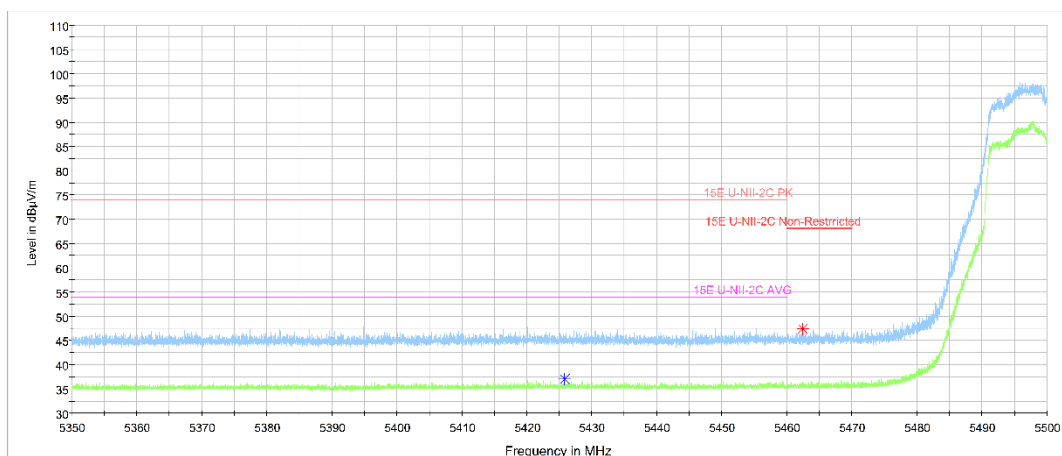


Fig. 15 Band Edges (802.11ac-VHT20 , MIMO,Ch100, 5500MHz)

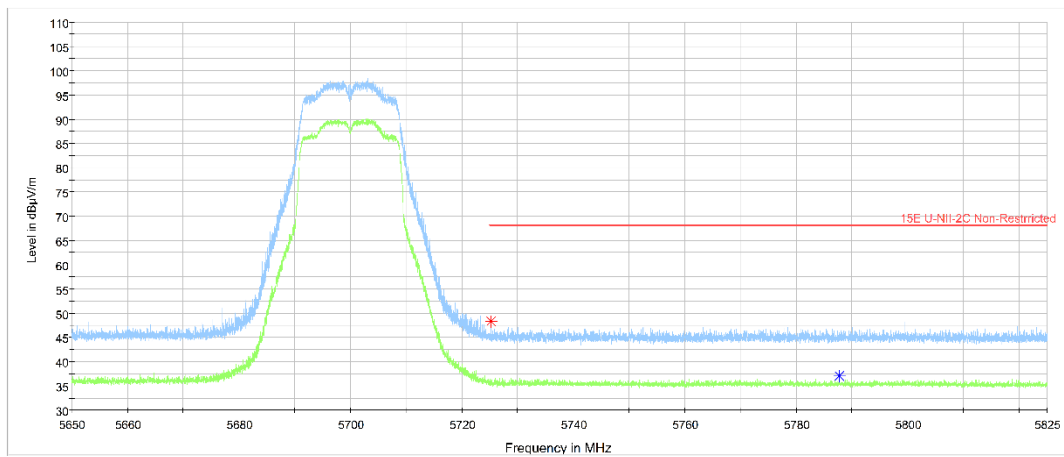


Fig. 16 Band Edges (802.11ac-VHT20 , MIMO,Ch140, 5700MHz)

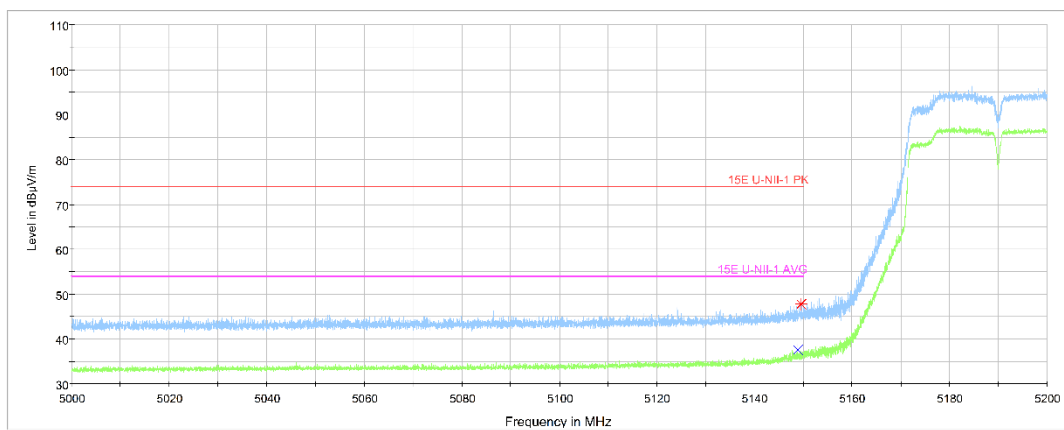


Fig. 17 Band Edges (802.11ac-VHT40 , MIMO,Ch38, 5190MHz)

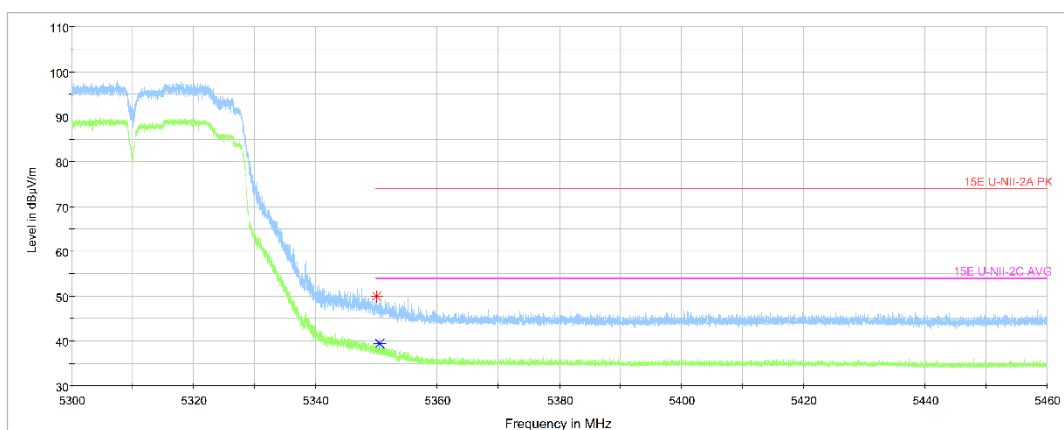


Fig. 18 Band Edges (802.11ac-VHT40 , MIMO,Ch62, 5310MHz)

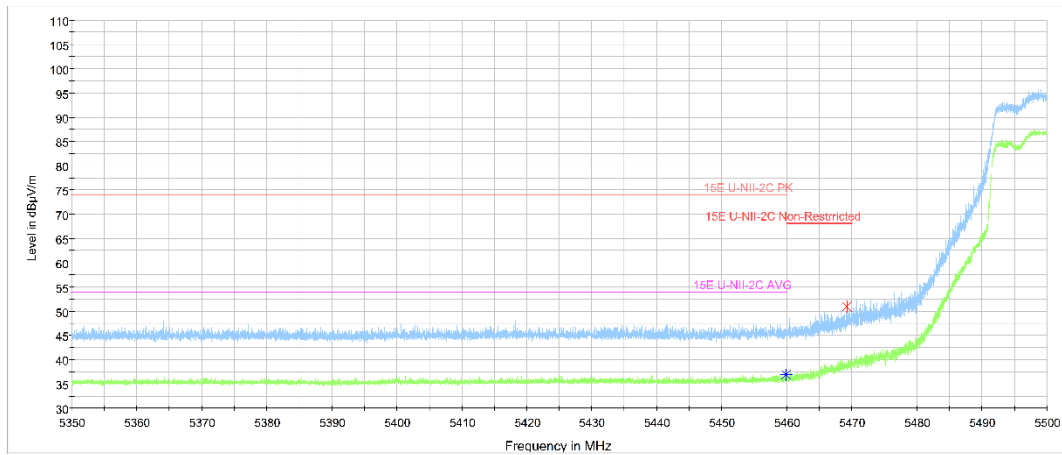


Fig. 19 Band Edges (802.11ac-VHT40 , MIMO,Ch102, 5510MHz)

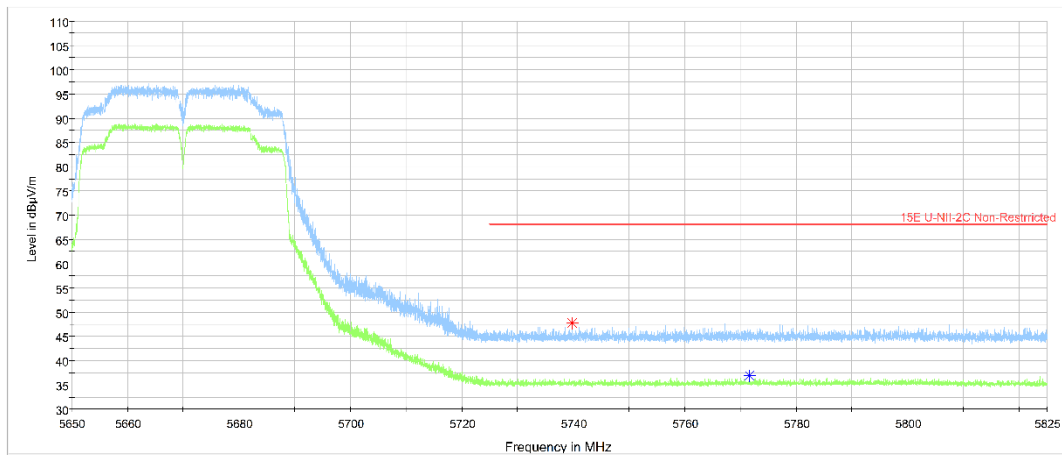


Fig. 20 Band Edges (802.11ac-VHT40 , MIMO,Ch134, 5670MHz)

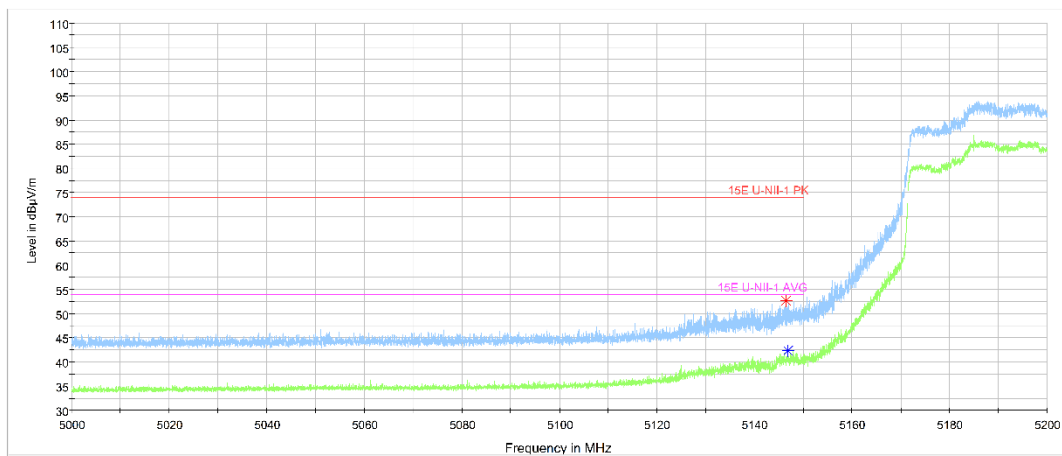


Fig. 21 Band Edges (802.11ac-VHT80 , MIMO,Ch42 , 5210MHz)

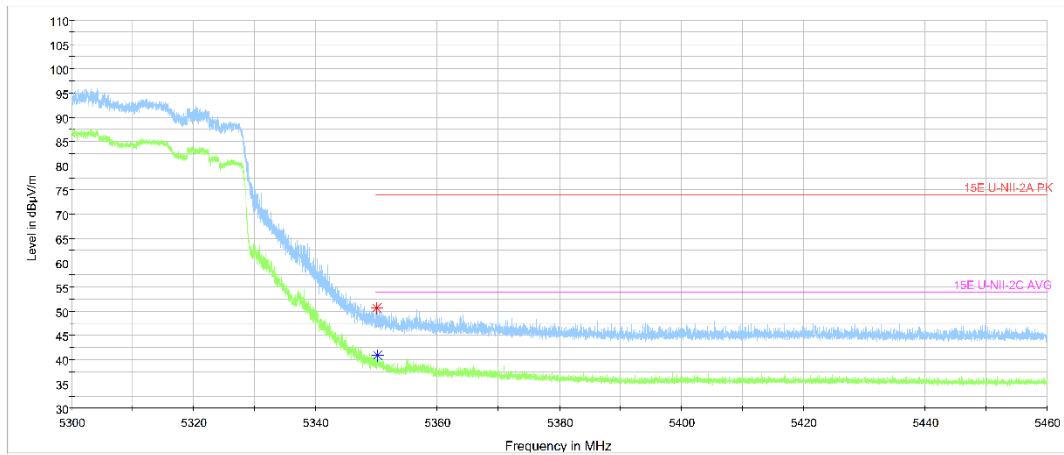


Fig. 22 Band Edges (802.11ac-VHT80 , MIMO,Ch58, 5290MHz)

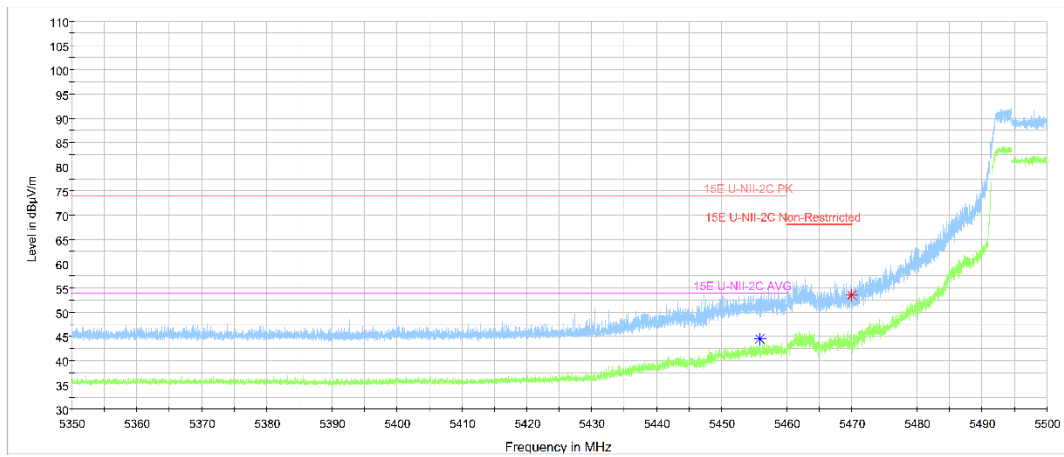


Fig. 23 Band Edges (802.11ac-VHT80 , MIMO,Ch106, 5530MHz)

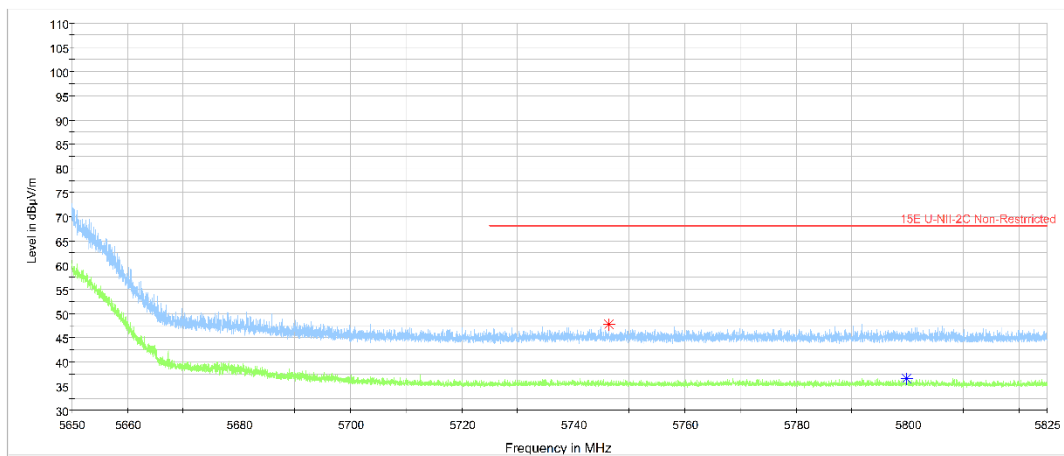


Fig. 24 Band Edges (802.11ac-VHT80 , MIMO,Ch122, 5610MHz)

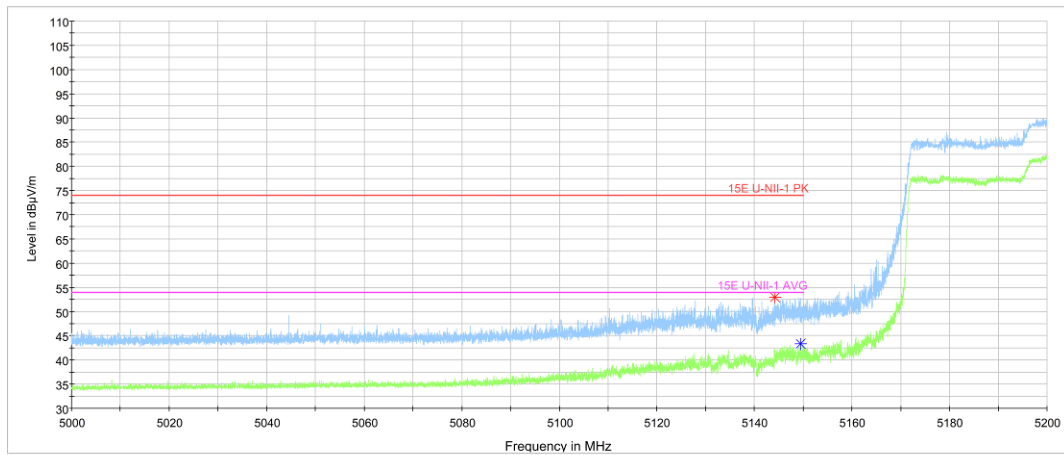


Fig. 25 Band Edges (802.11ac-VHT160 , MIMO,Ch50, 5250MHz)

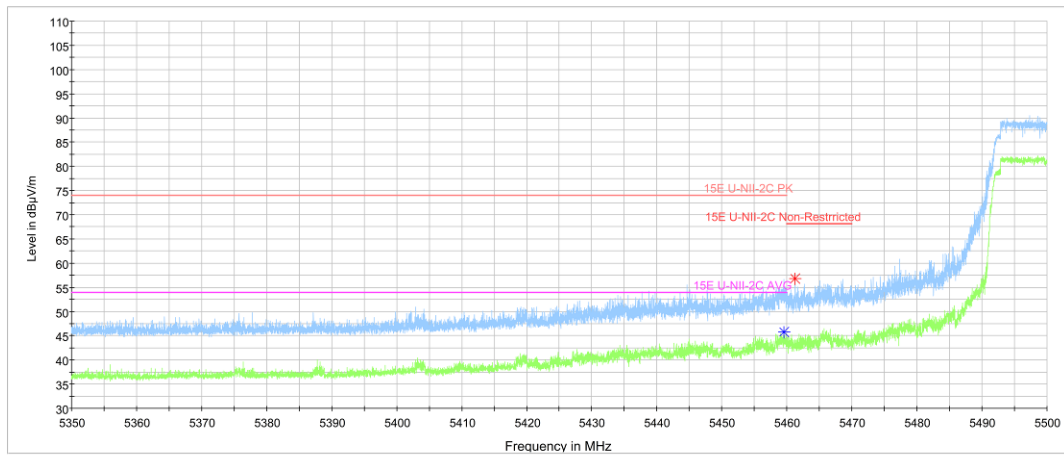


Fig. 26 Band Edges (802.11ac-VHT160 , MIMO,Ch114, 5570MHz)

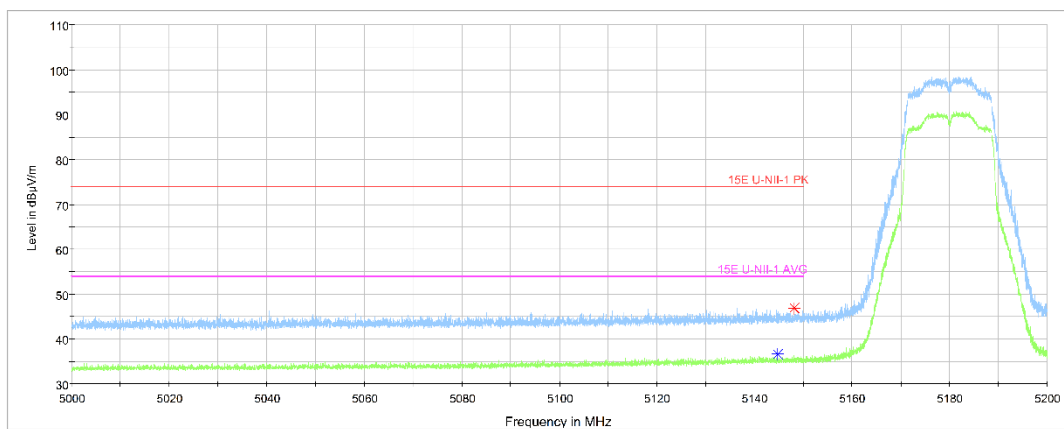


Fig. 27 Band Edges (802.11ax-HE20 , full RU, MIMO,Ch36, 5180MHz)

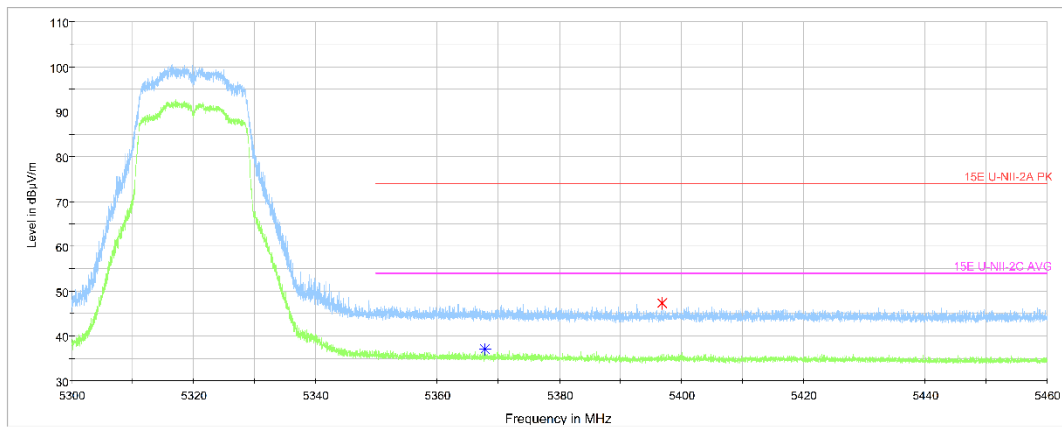


Fig. 28 Band Edges (802.11ax-HE20 , full RU, MIMO,Ch64, 5320MHz)

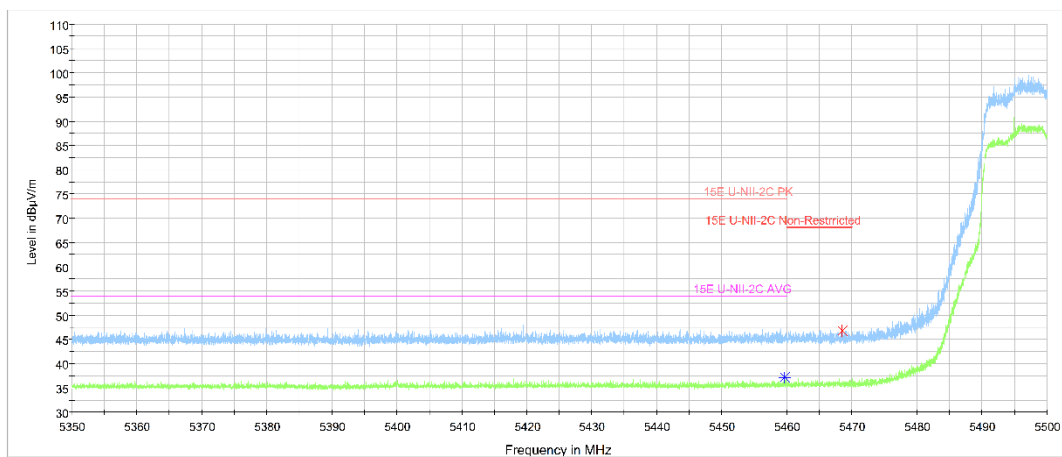


Fig. 29 Band Edges (802.11ax-HE20 , full RU, MIMO,Ch100, 5500MHz)

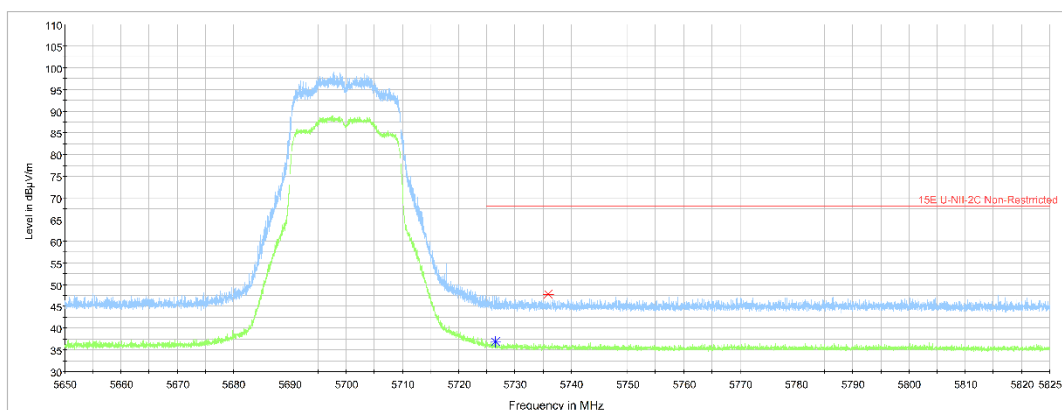


Fig. 30 Band Edges (802.11ax-HE20 , full RU, MIMO,Ch140, 5700MHz)

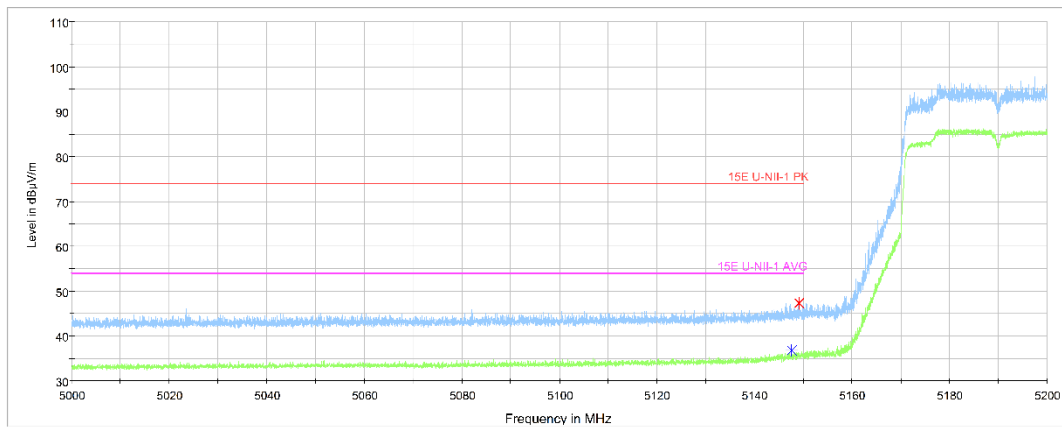


Fig. 31 Band Edges (802.11ax-HE40 , full RU, MIMO,Ch38, 5190MHz)

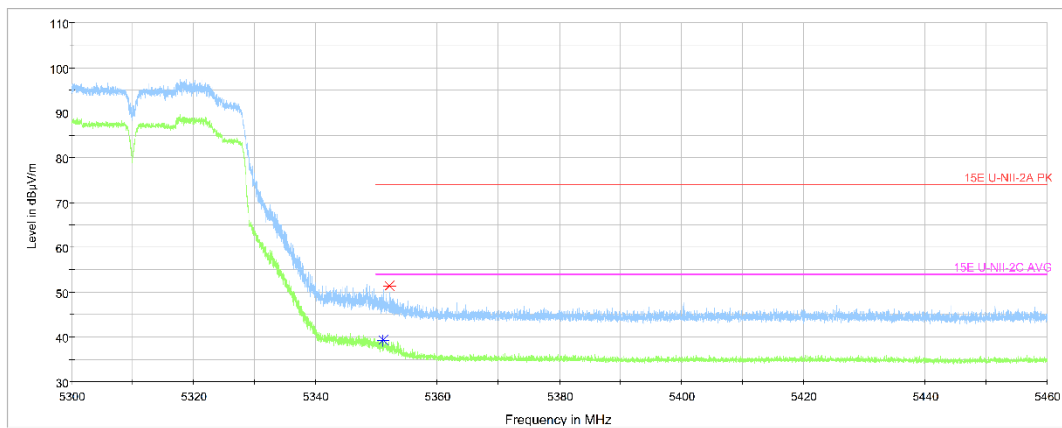


Fig. 32 Band Edges (802.11ax-HE40 , full RU, MIMO,Ch62, 5310MHz)

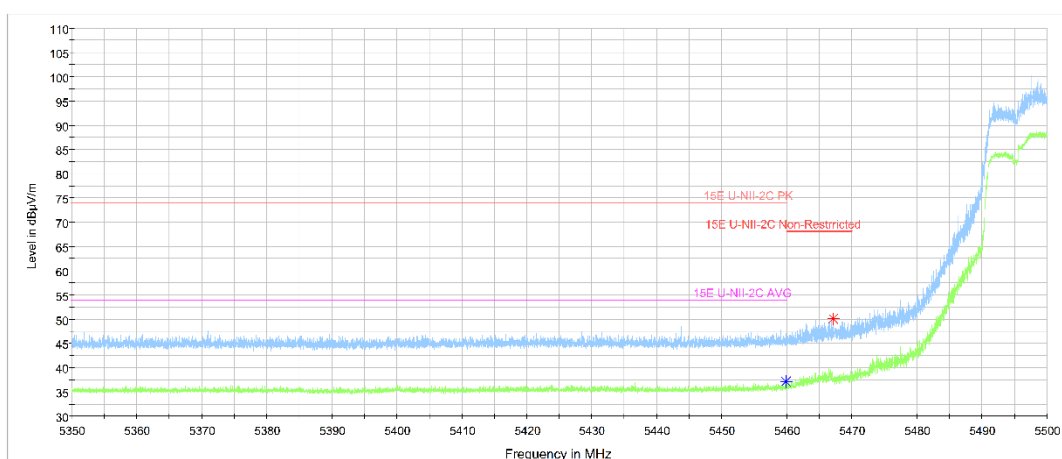


Fig. 33 Band Edges (802.11ax-HE40 , full RU, MIMO,Ch102, 5510MHz)

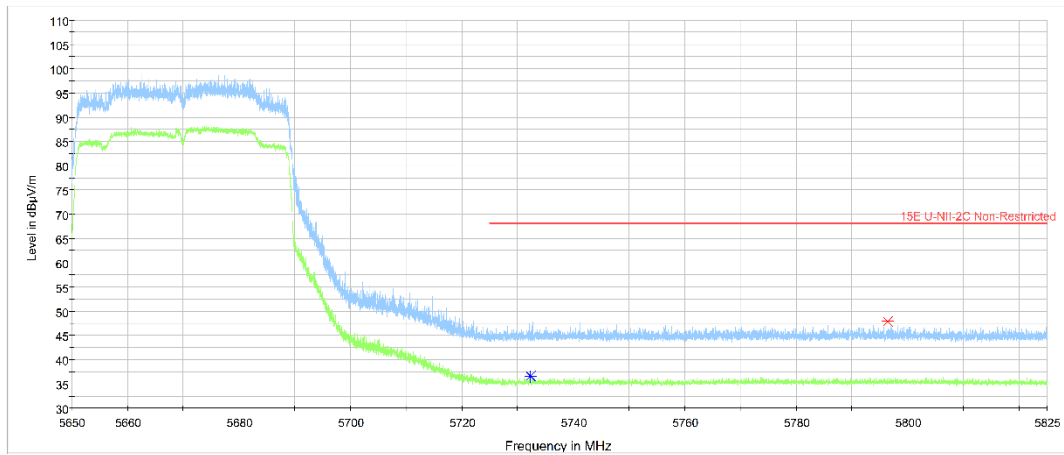


Fig. 34 Band Edges (802.11ax-HE40 , full RU, MIMO,Ch134, 5670MHz)

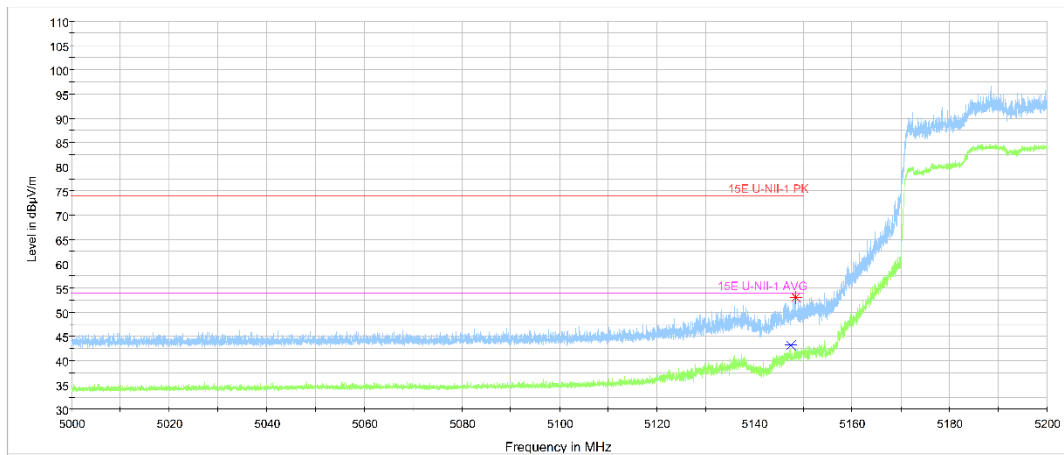


Fig. 35 Band Edges (802.11ax-HE80 , full RU, MIMO,Ch42 , 5210MHz)

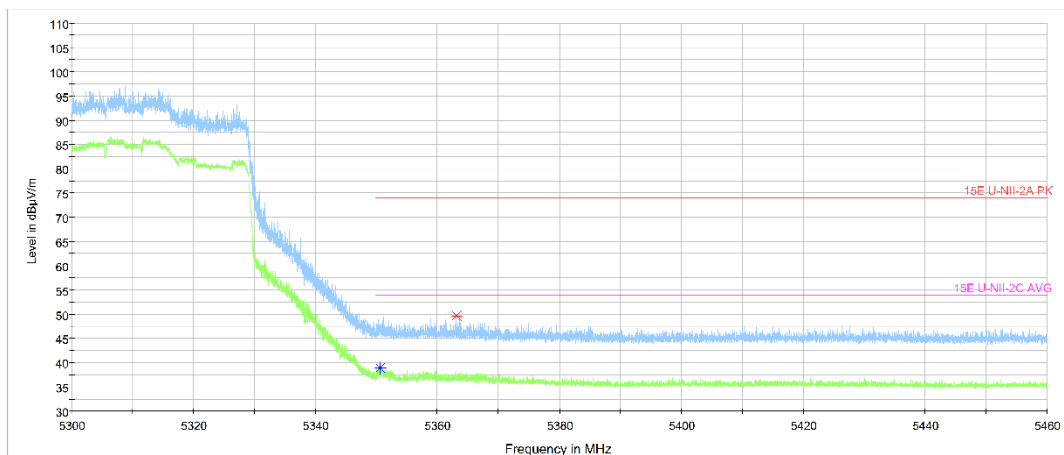


Fig. 36 Band Edges (802.11ax-HE80 , full RU, MIMO,Ch58, 5290MHz)

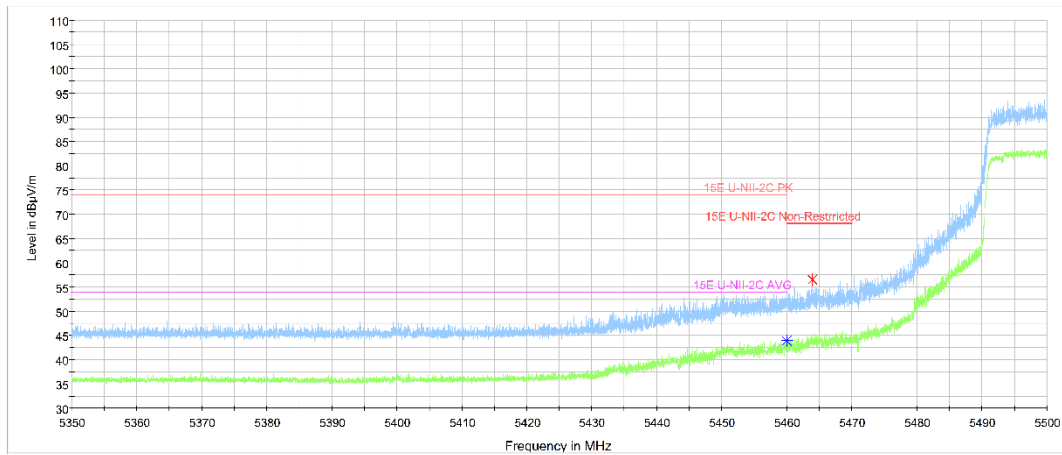


Fig. 37 Band Edges (802.11ax-HE80 , full RU, MIMO,Ch106, 5530MHz)

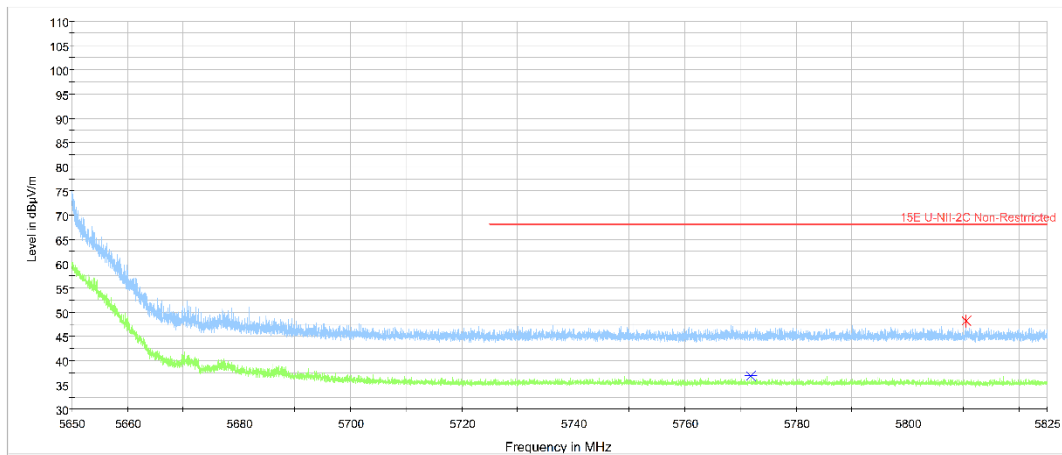


Fig. 38 Band Edges (802.11ax-HE80 , full RU, MIMO,Ch122, 5610MHz)

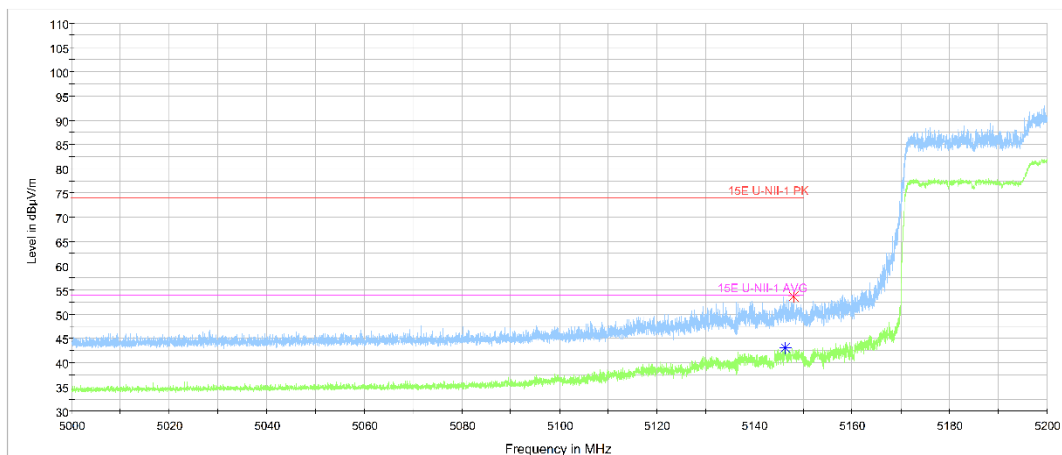


Fig. 39 Band Edges (802.11ax-HE160 , full RU, MIMO,Ch50, 5250MHz)

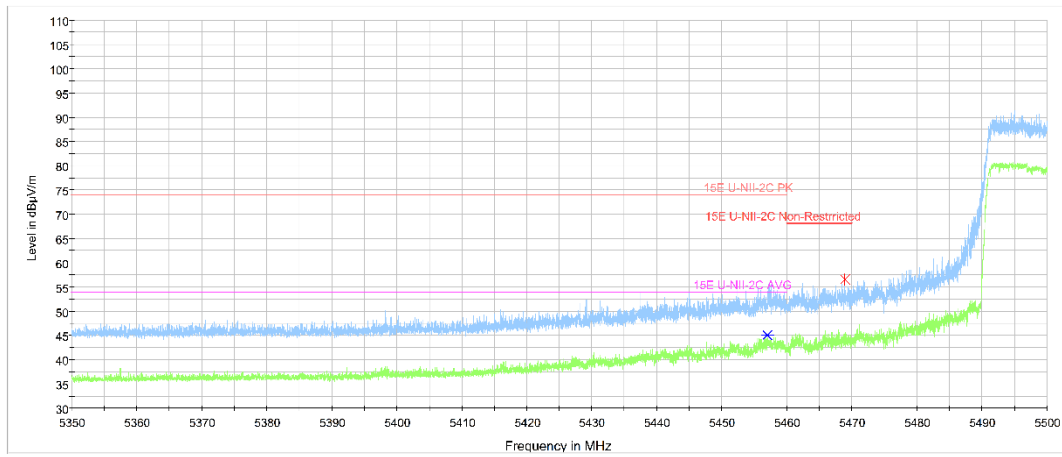


Fig. 40 Band Edges (802.11ax-HE160 , full RU, MIMO,Ch114, 5570MHz)

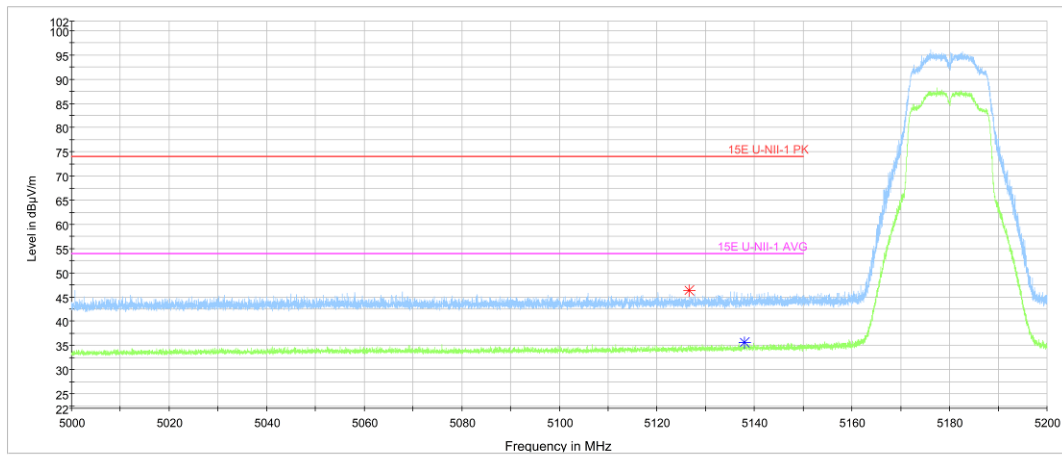


Fig. 41 Band Edges (802.11a, CHAIN A, Ch36, 5180MHz)

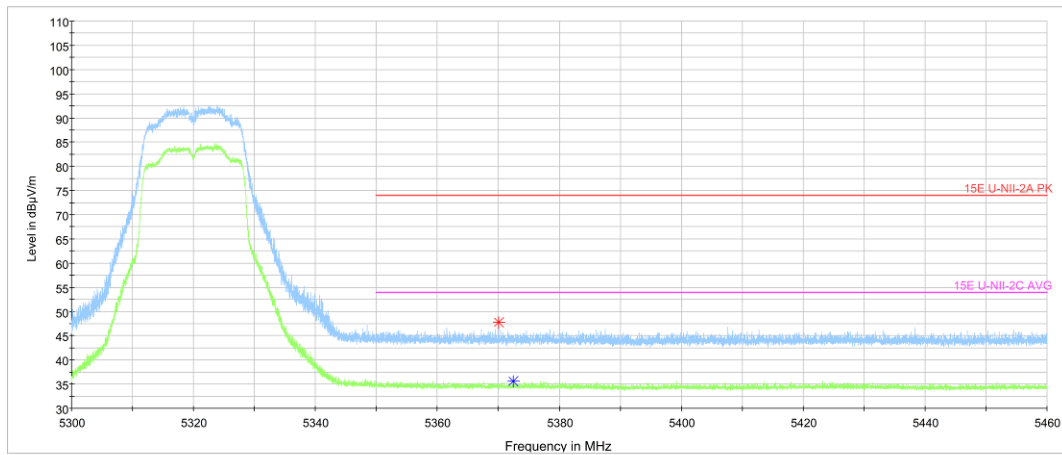


Fig. 42 Band Edges (802.11a, CHAIN A, Ch64, 5320MHz)

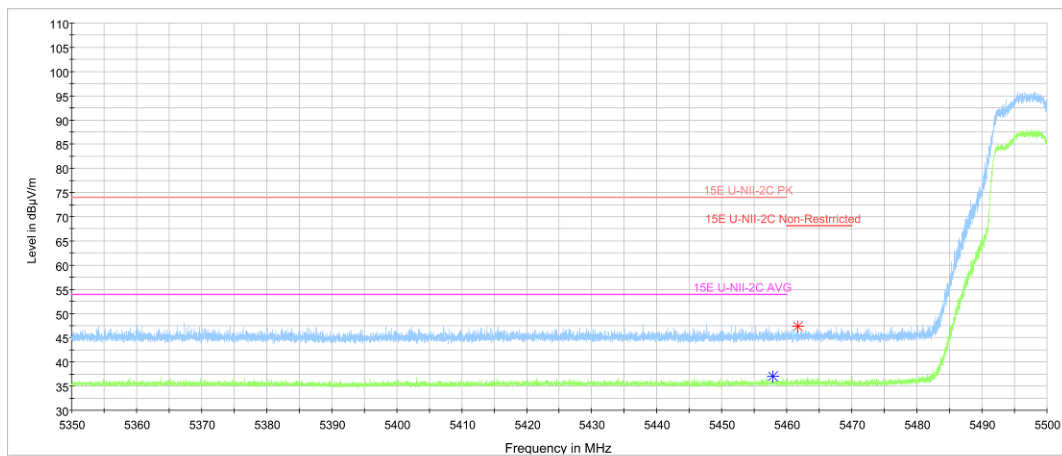


Fig. 43 Band Edges (802.11a, CHAIN A, Ch100, 5500MHz)

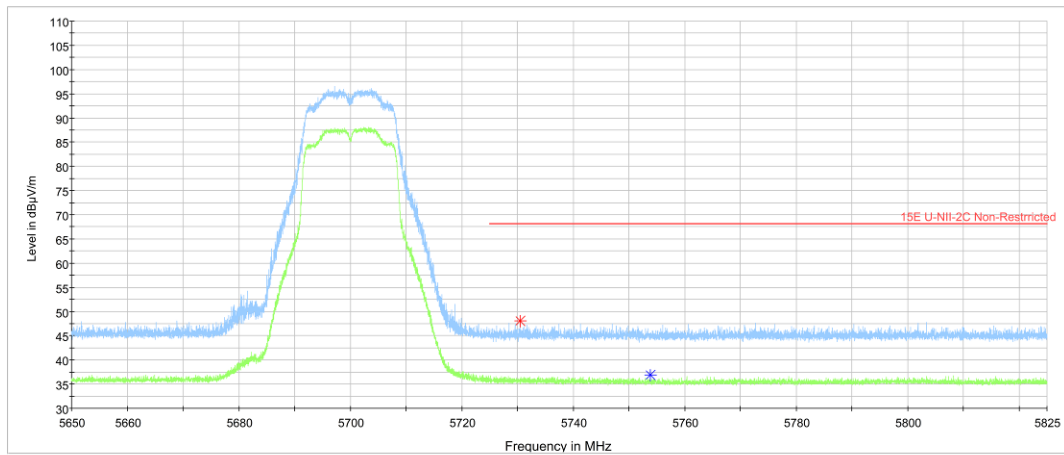


Fig. 44 Band Edges (802.11a, CHAIN A, Ch140, 5700MHz)

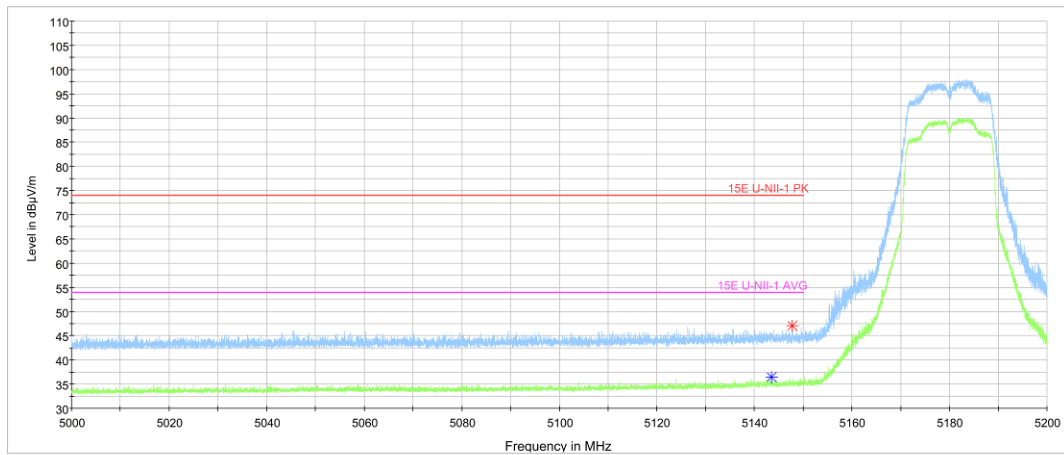


Fig. 45 Band Edges (802.11n-HT20, MIMO, Ch36, 5180MHz)

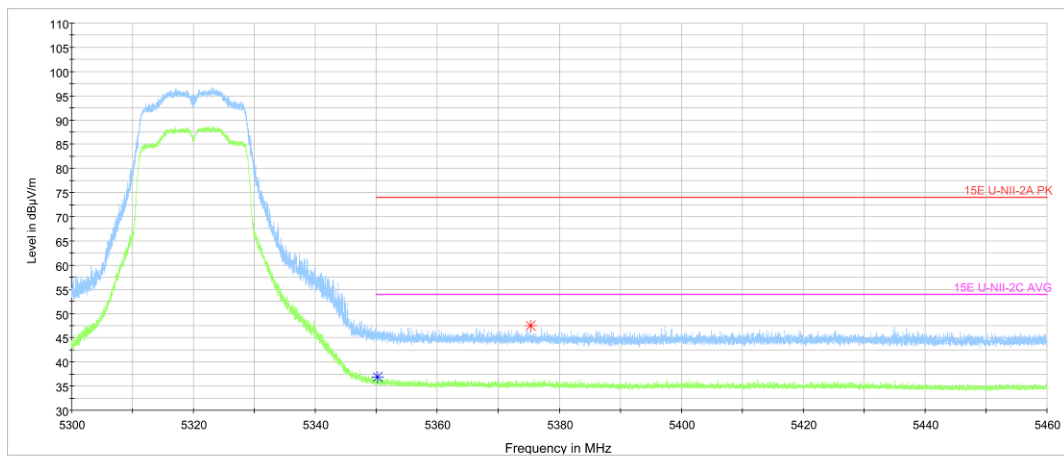


Fig. 46 Band Edges (802.11n-HT20 , MIMO, Ch64, 5320MHz)

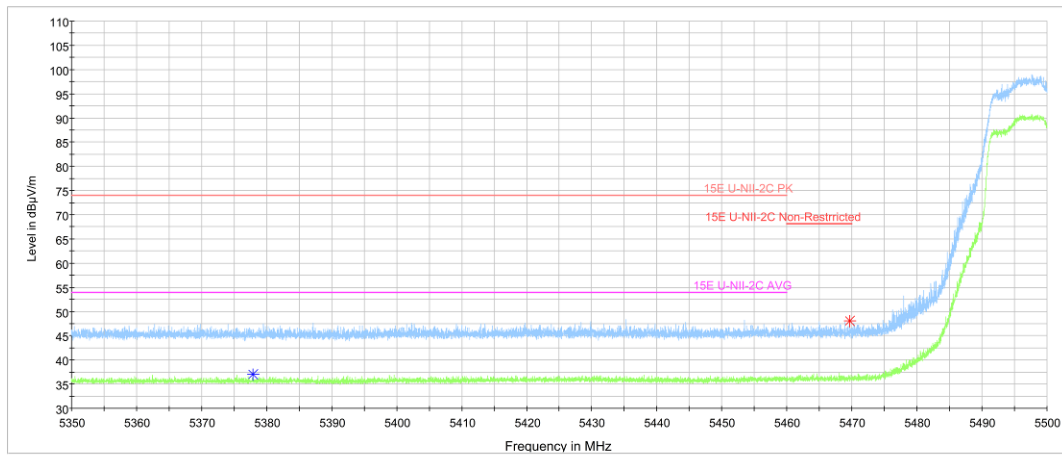


Fig. 47 Band Edges (802.11n-HT20 , MIMO,Ch100, 5500MHz)

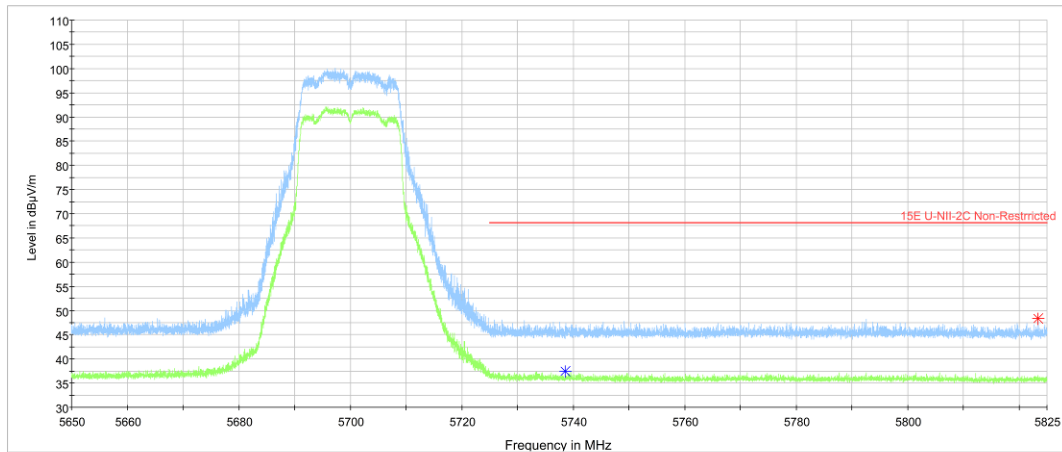


Fig. 48 Band Edges (802.11n-HT20 , MIMO,Ch140, 5700MHz)

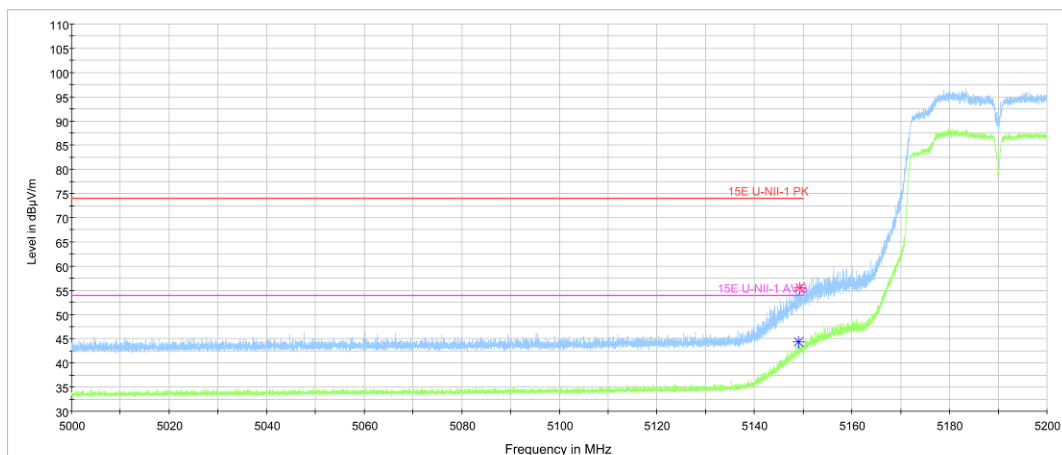


Fig. 49 Band Edges (802.11n-HT40 , MIMO,Ch38, 5190MHz)

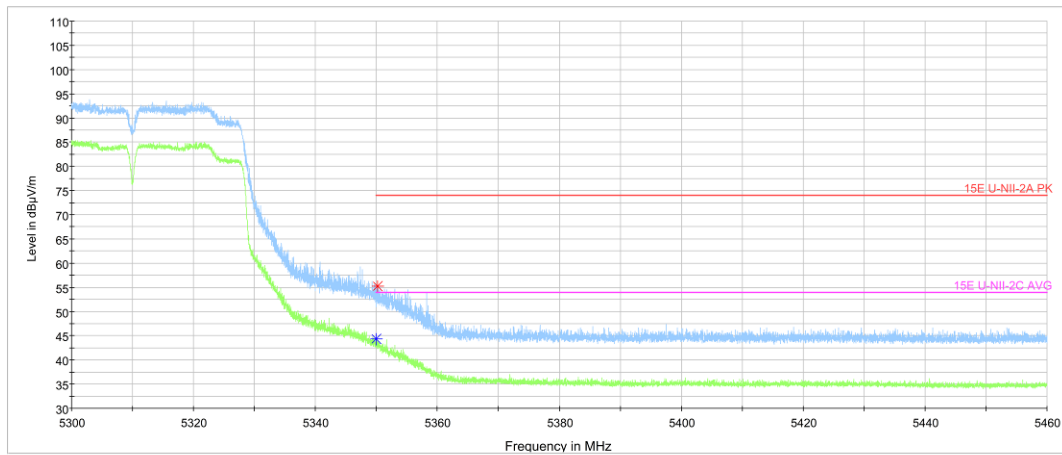


Fig. 50 Band Edges (802.11n-HT40 , MIMO,Ch62, 5310MHz)

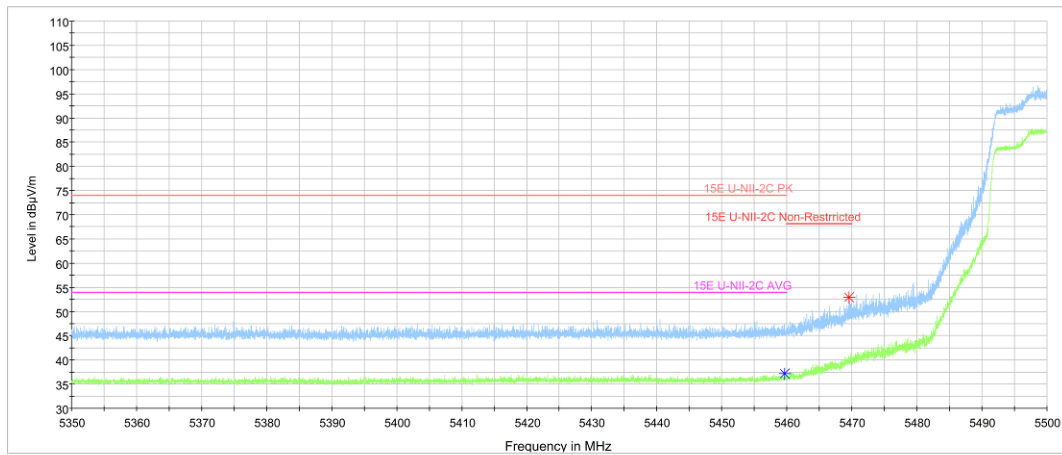


Fig. 51 Band Edges (802.11n-HT40 , MIMO,Ch102, 5510MHz)

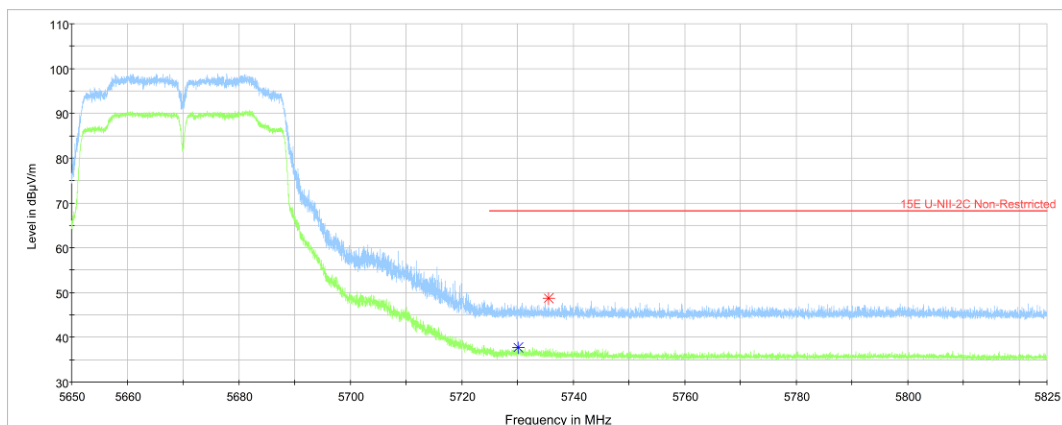


Fig. 52 Band Edges (802.11n-HT40 , MIMO,Ch134, 5670MHz)

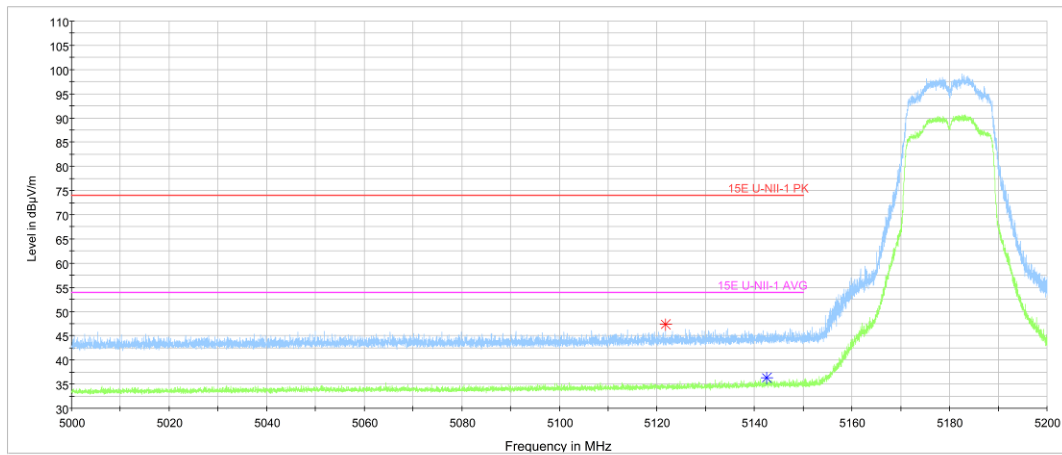


Fig. 53 Band Edges (802.11ac-VHT20 , MIMO,Ch36, 5180MHz)

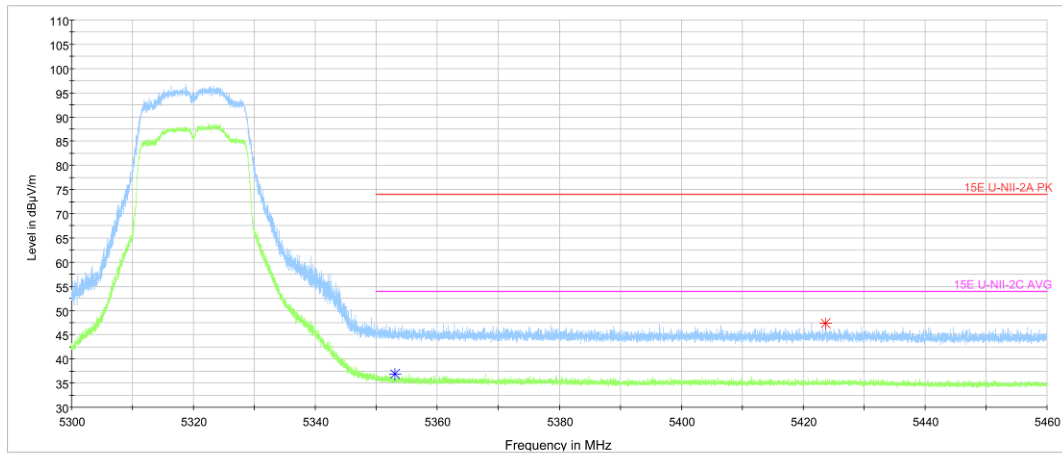


Fig. 54 Band Edges (802.11ac-VHT20 , MIMO,Ch64, 5320MHz)

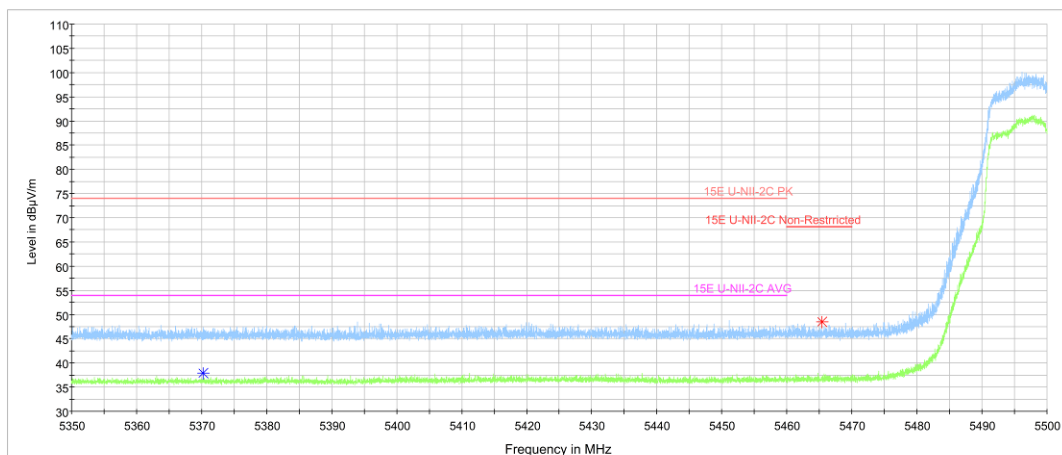


Fig. 55 Band Edges (802.11ac-VHT20 , MIMO,Ch100, 5500MHz)

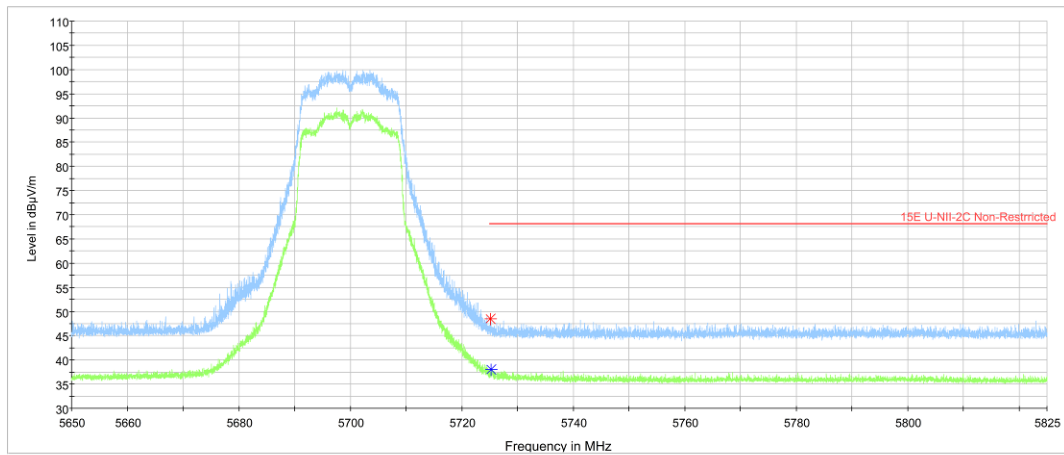


Fig. 56 Band Edges (802.11ac-VHT20 , MIMO,Ch140, 5700MHz)

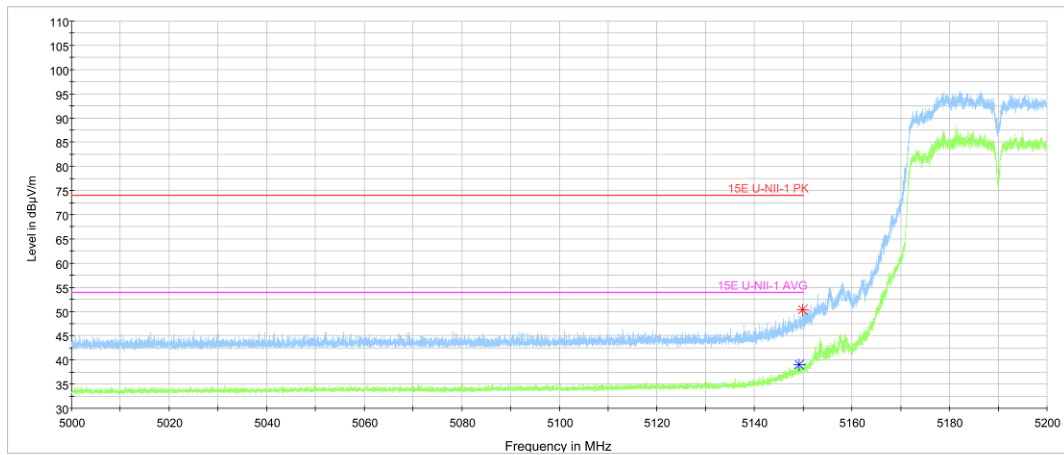


Fig. 57 Band Edges (802.11ac-VHT40 , MIMO,Ch38, 5190MHz)

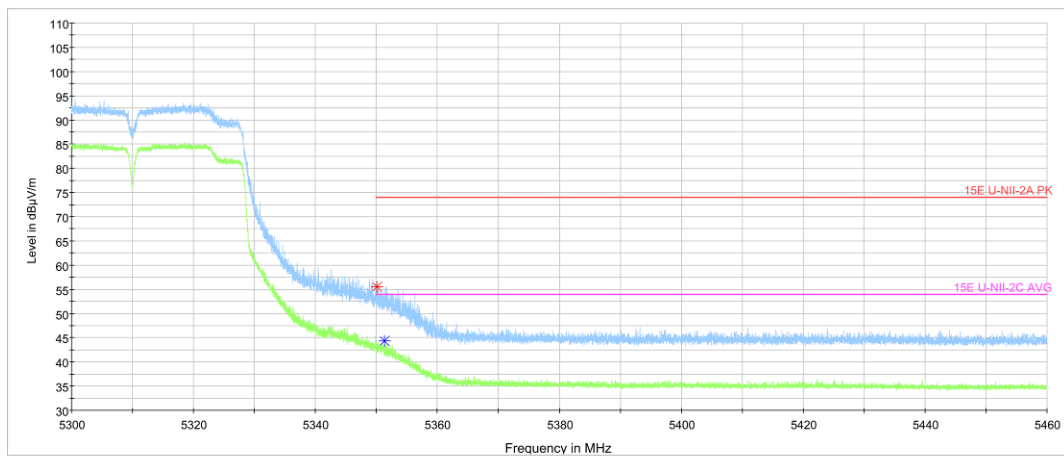


Fig. 58 Band Edges (802.11ac-VHT40 , MIMO,Ch62, 5310MHz)

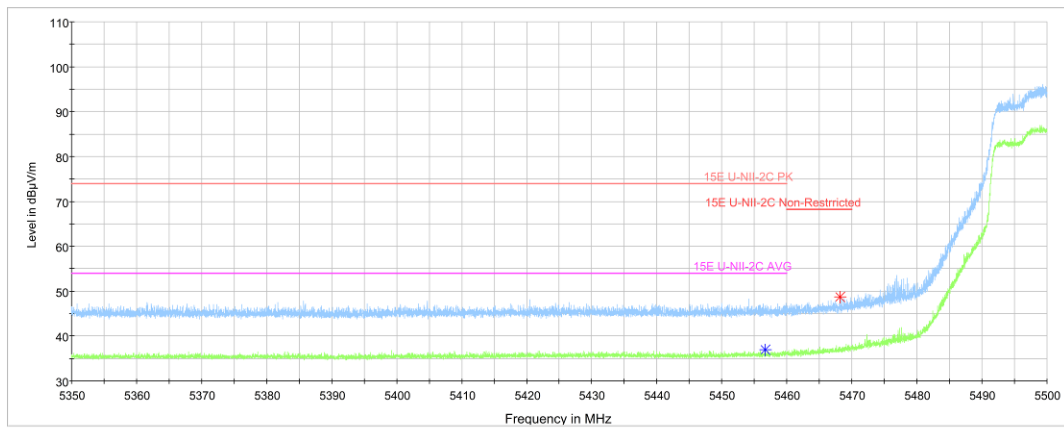


Fig. 59 Band Edges (802.11ac-VHT40 , MIMO,Ch102, 5510MHz)

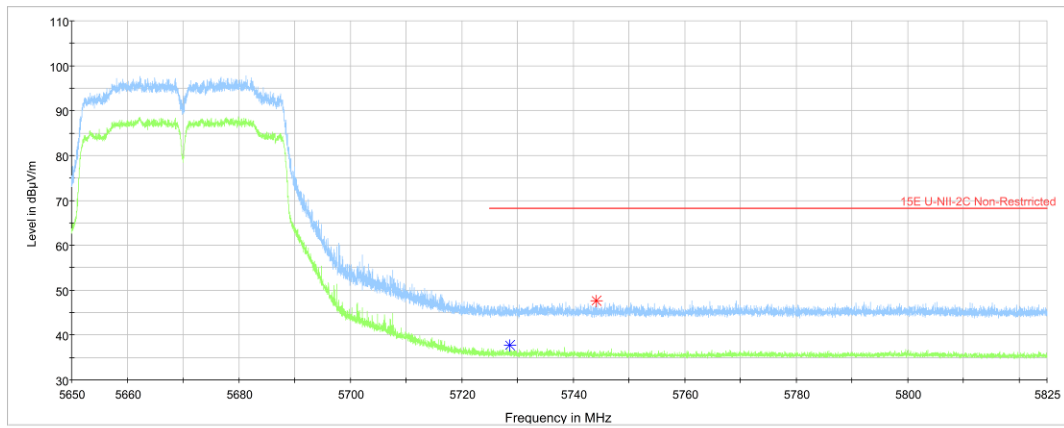


Fig. 60 Band Edges (802.11ac-VHT40 , MIMO,Ch134, 5670MHz)

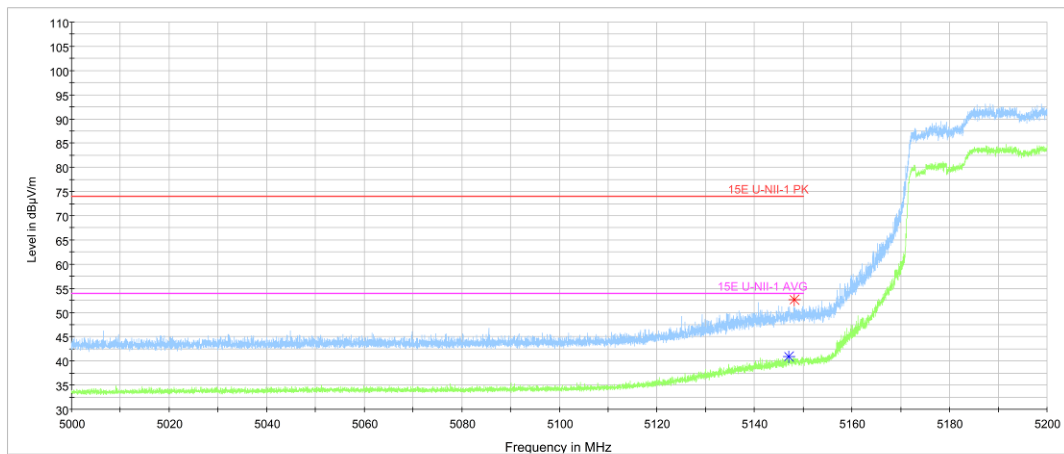


Fig. 61 Band Edges (802.11ac-VHT80 , MIMO,Ch42 , 5210MHz)

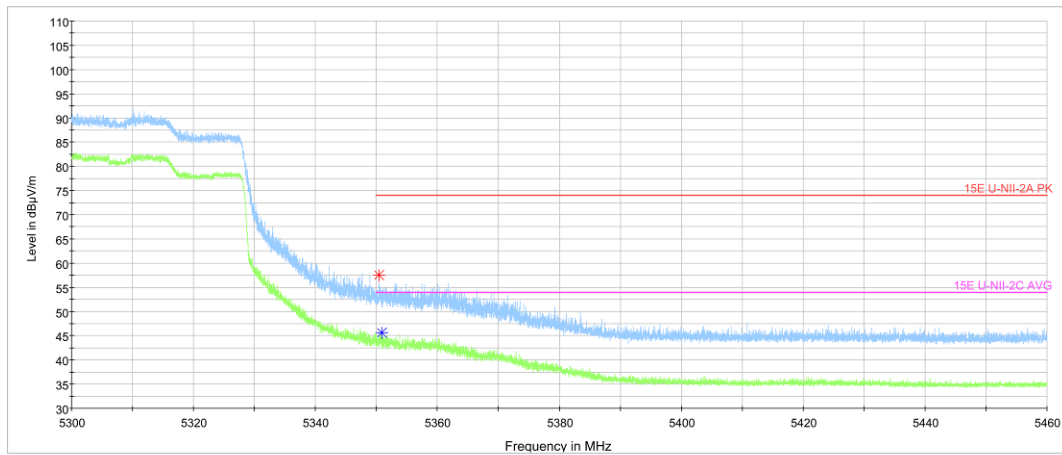


Fig. 62 Band Edges (802.11ac-VHT80 , MIMO,Ch58, 5290MHz)

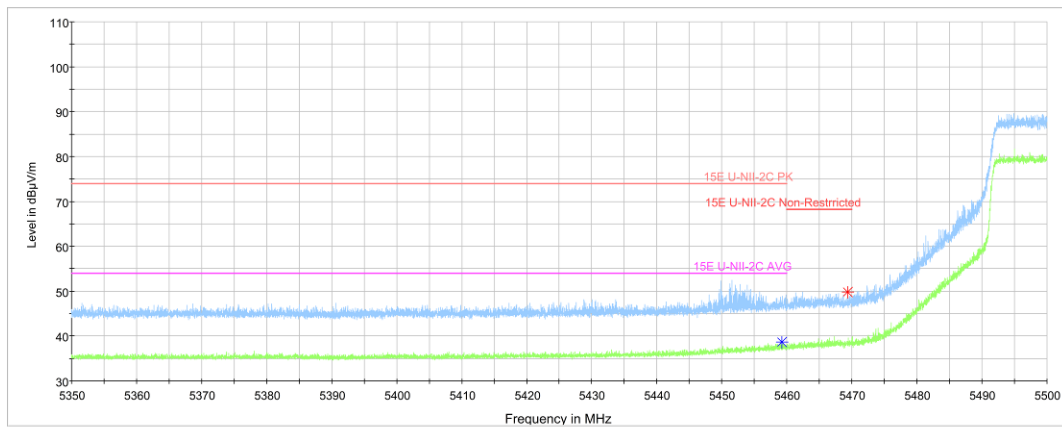


Fig. 63 Band Edges (802.11ac-VHT80 , MIMO,Ch106, 5530MHz)

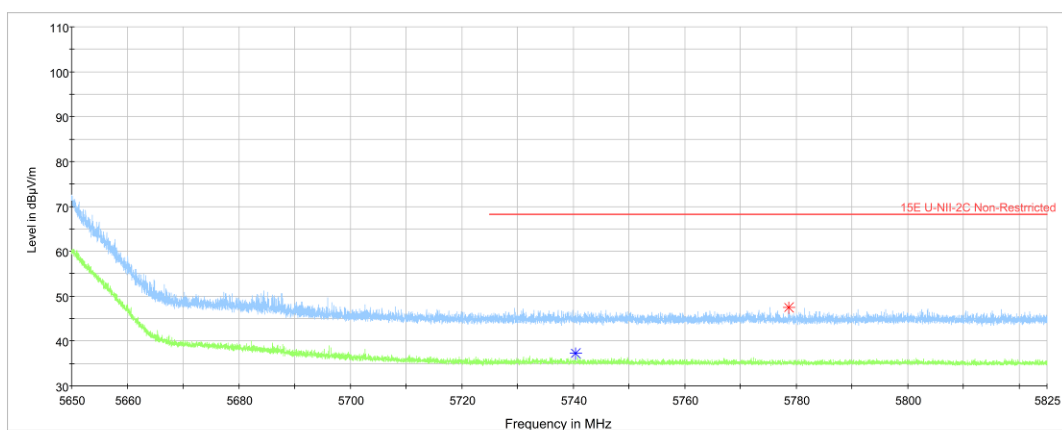


Fig. 64 Band Edges (802.11ac-VHT80 , MIMO,Ch122, 5610MHz)

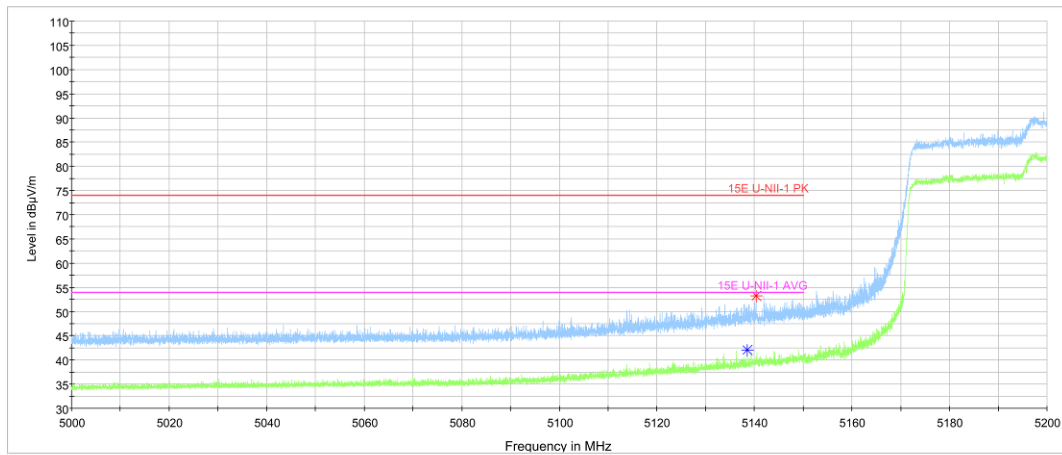


Fig. 65 Band Edges (802.11ac-VHT160 , MIMO,Ch50, 5250MHz)

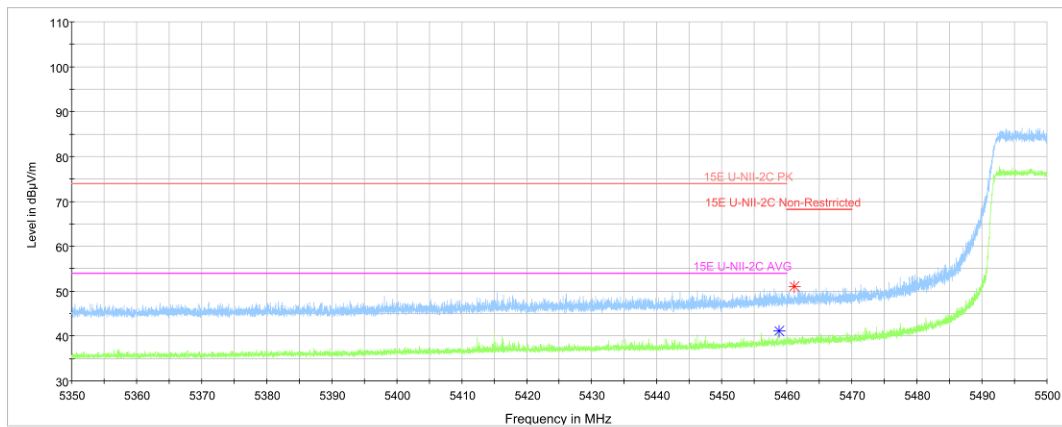


Fig. 66 Band Edges (802.11ac-VHT160 , MIMO,Ch114, 5570MHz)

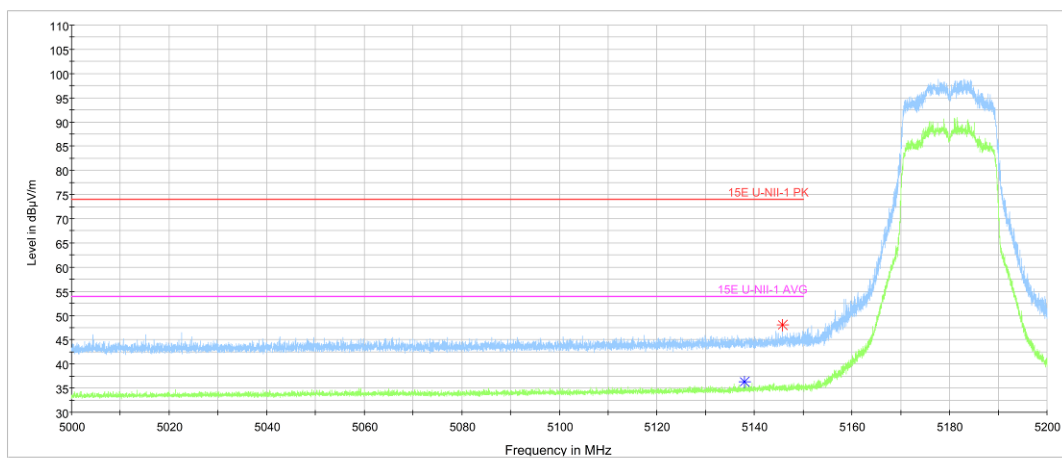


Fig. 67 Band Edges (802.11ax-HE20 , full RU, MIMO,Ch36, 5180MHz)

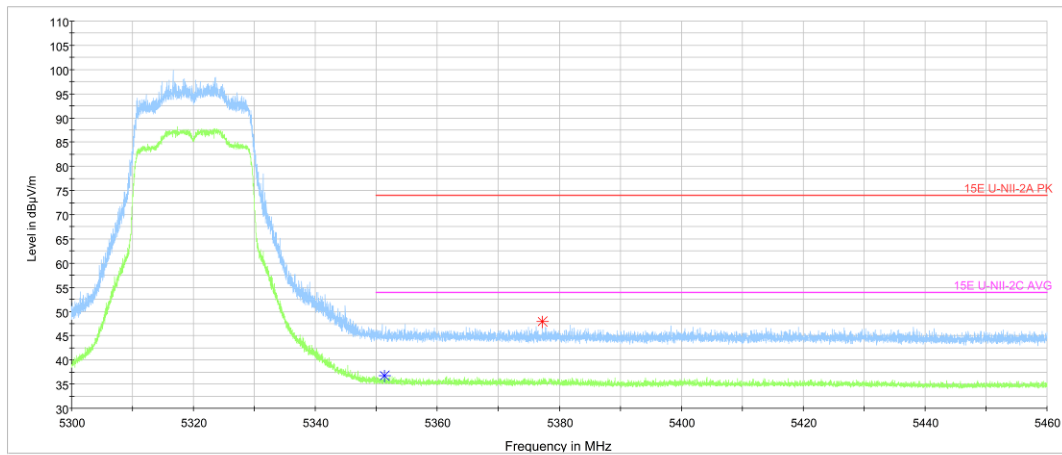


Fig. 68 Band Edges (802.11ax-HE20 , full RU, MIMO,Ch64, 5320MHz)

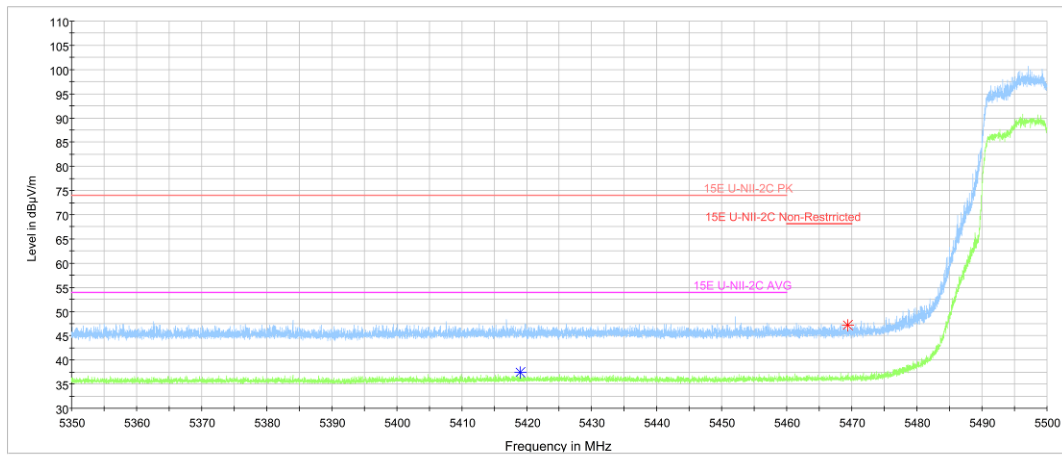


Fig. 69 Band Edges (802.11ax-HE20 , full RU, MIMO,Ch100, 5500MHz)

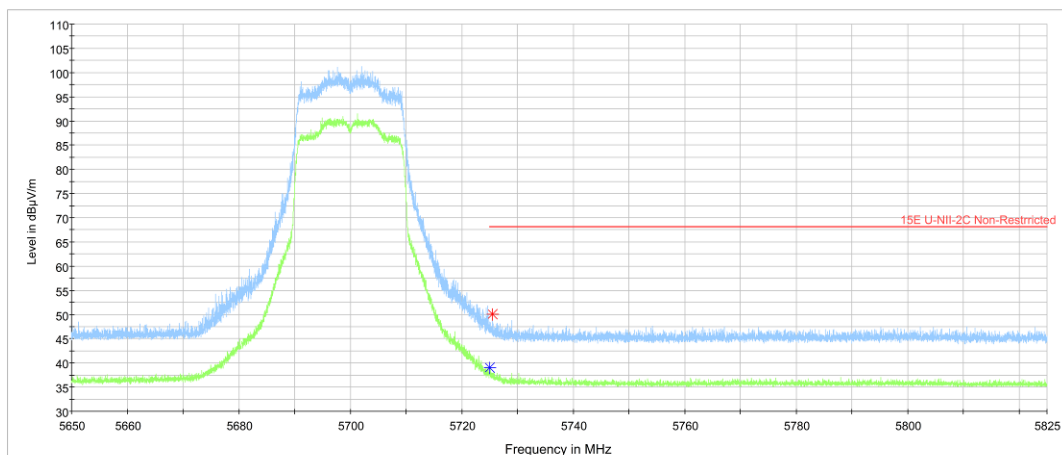


Fig. 70 Band Edges (802.11ax-HE20 , full RU, MIMO,Ch140, 5700MHz)

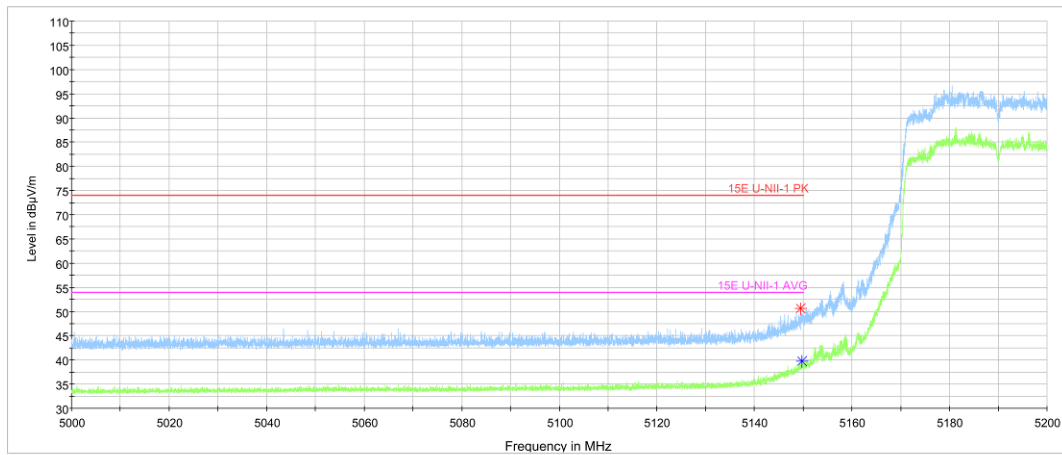


Fig. 71 Band Edges (802.11ax-HE40 , full RU, MIMO,Ch38, 5190MHz)

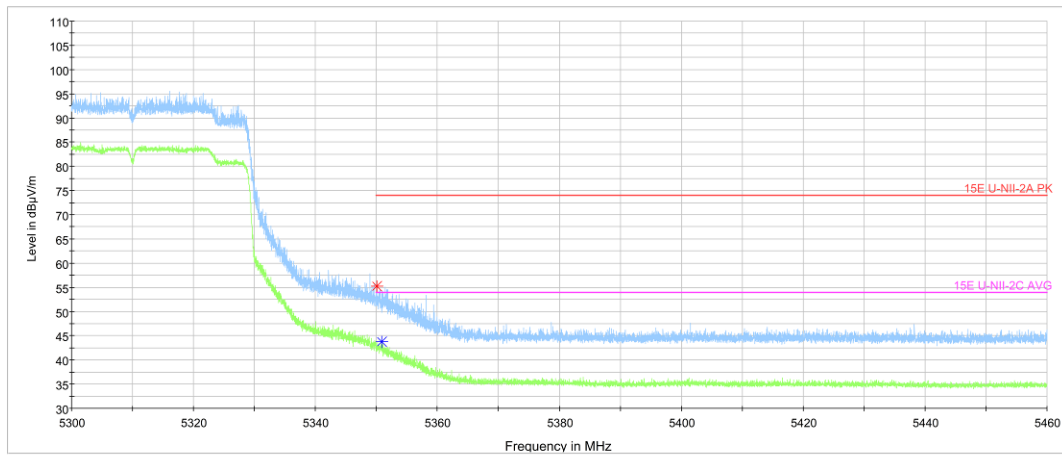


Fig. 72 Band Edges (802.11ax-HE40 , full RU, MIMO,Ch62, 5310MHz)

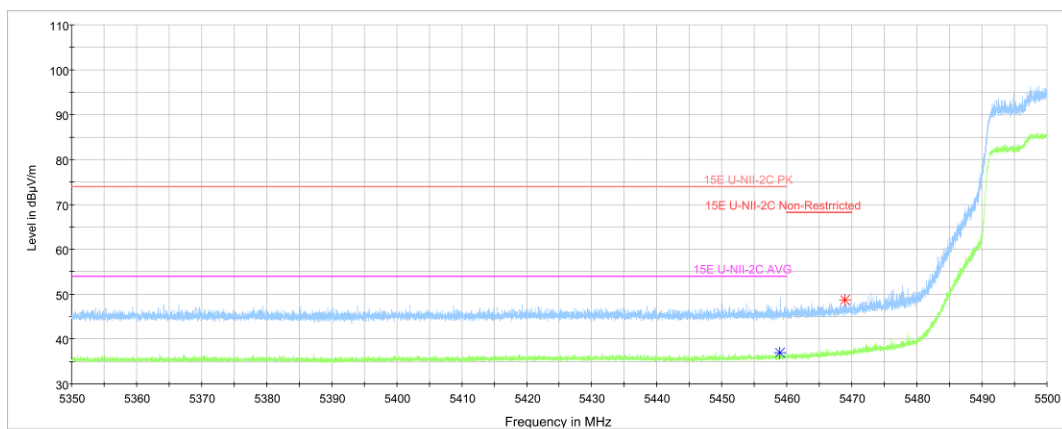


Fig. 73 Band Edges (802.11ax-HE40 , full RU, MIMO,Ch102, 5510MHz)

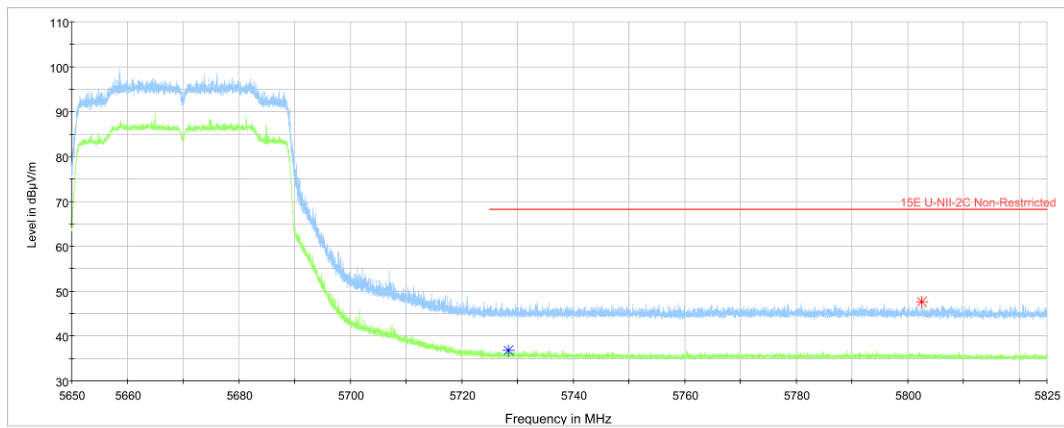


Fig. 74 Band Edges (802.11ax-HE40 , full RU, MIMO,Ch134, 5670MHz)

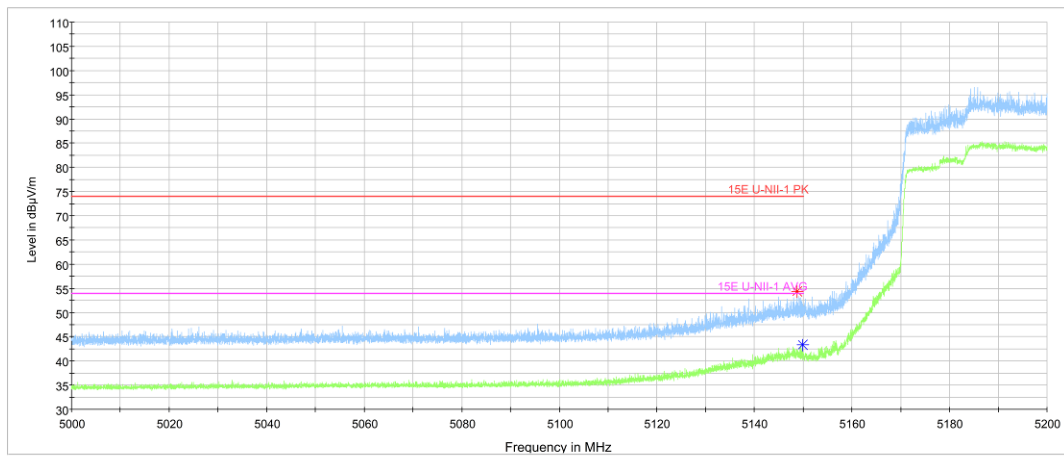


Fig. 75 Band Edges (802.11ax-HE80 , full RU, MIMO,Ch42 , 5210MHz)

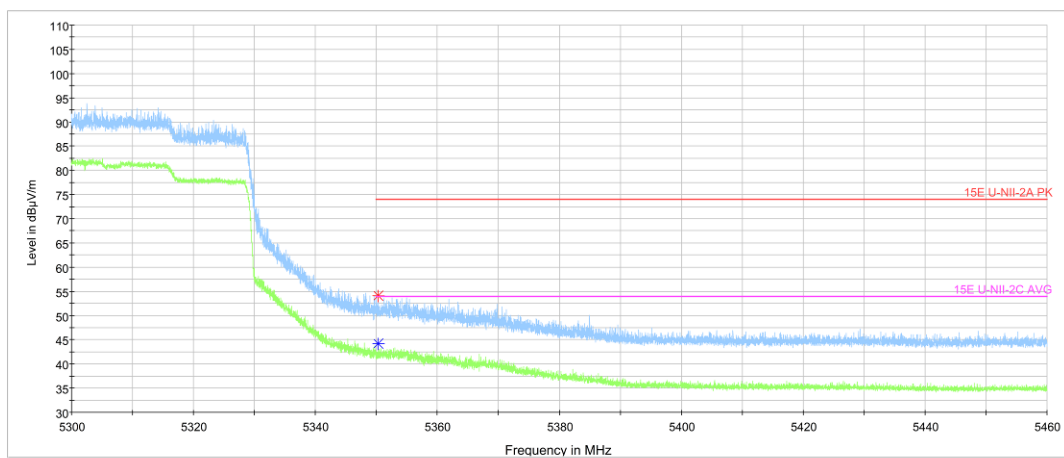


Fig. 76 Band Edges (802.11ax-HE80 , full RU, MIMO,Ch58, 5290MHz)