TUV SUD Limited Digitally signed by TUV SUD Limited Date: 2024.09.27 08:47:06 +01'00'

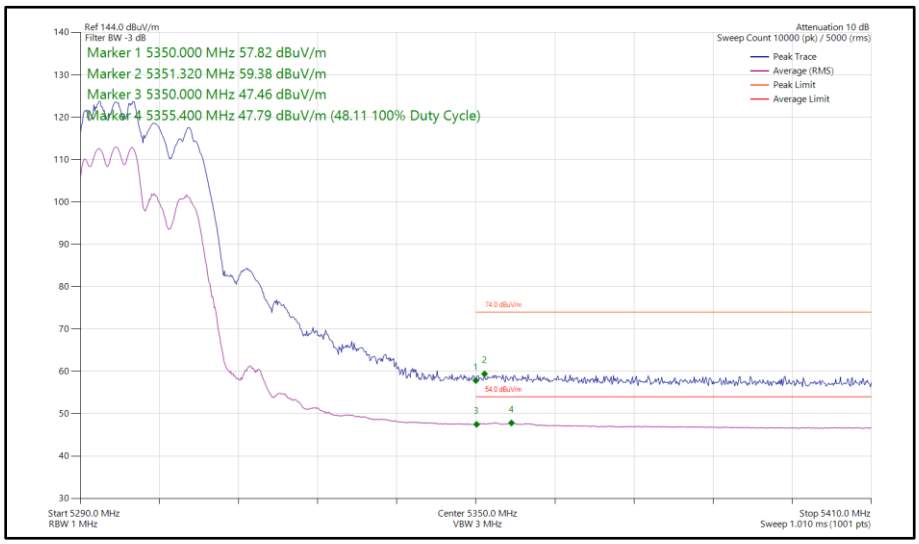

Figure 60 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

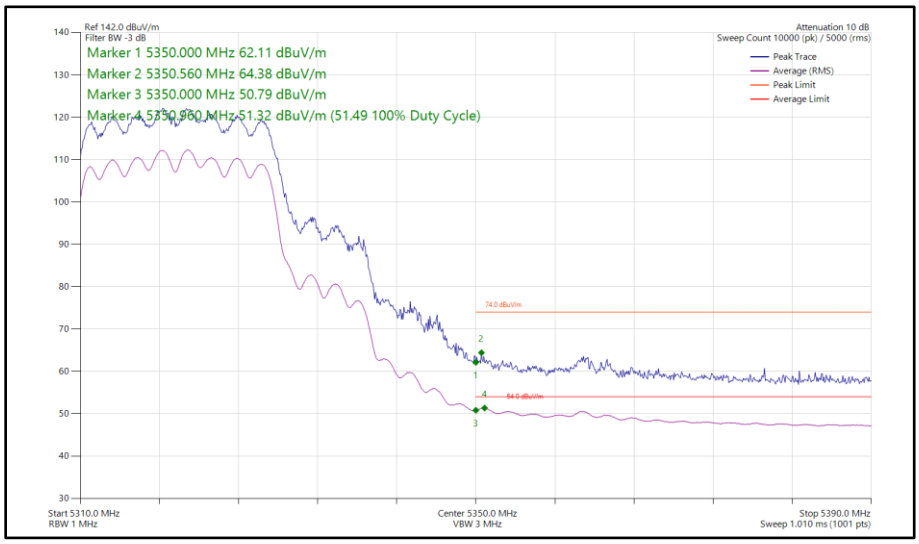

Figure 61 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

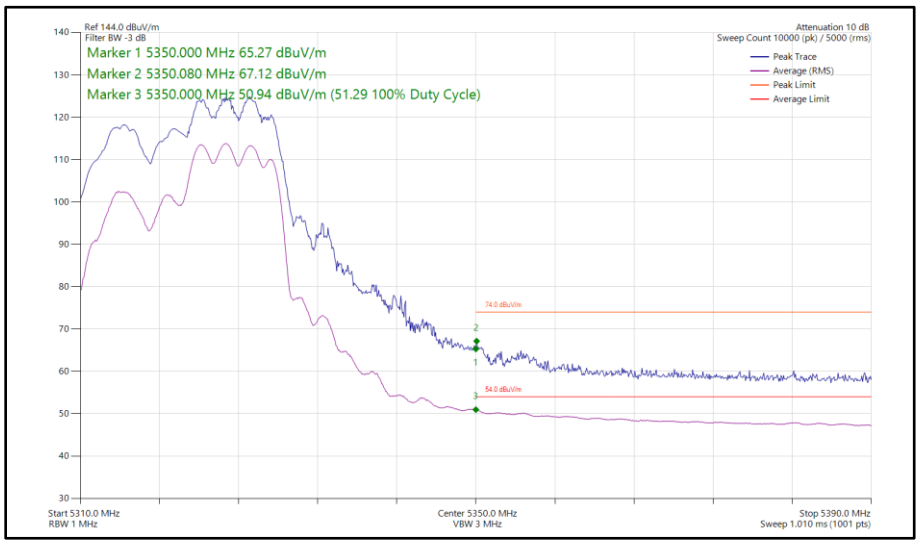

Figure 62 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

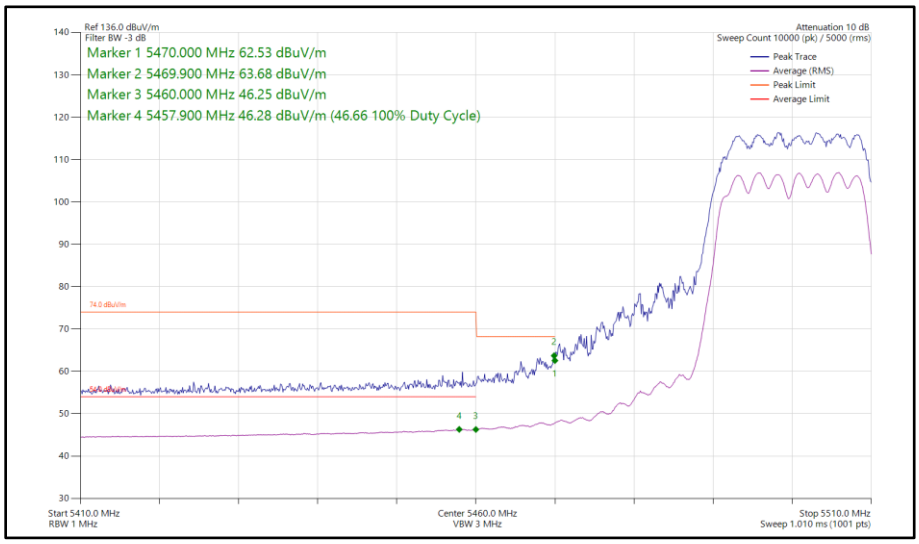

Figure 63 - 802.11n HT20, CDD, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

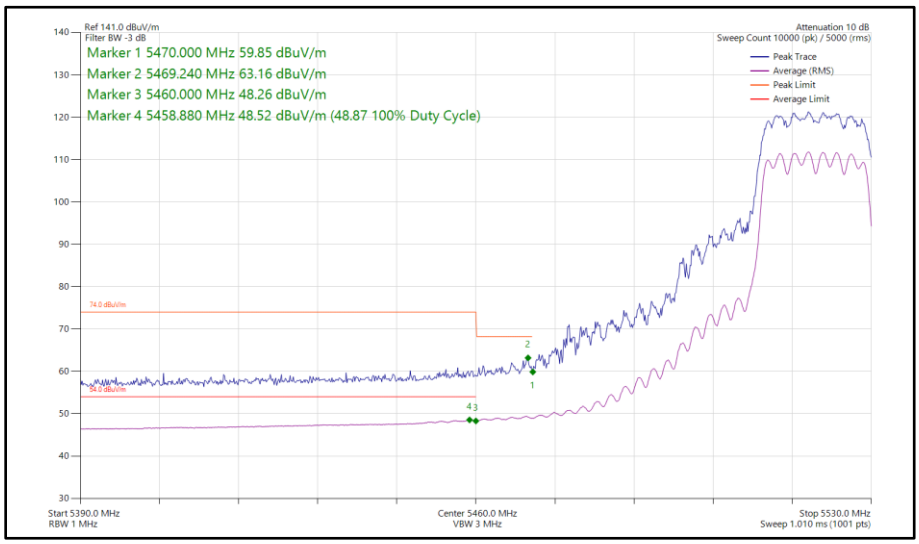

Figure 64 - 802.11n HT20, CDD, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

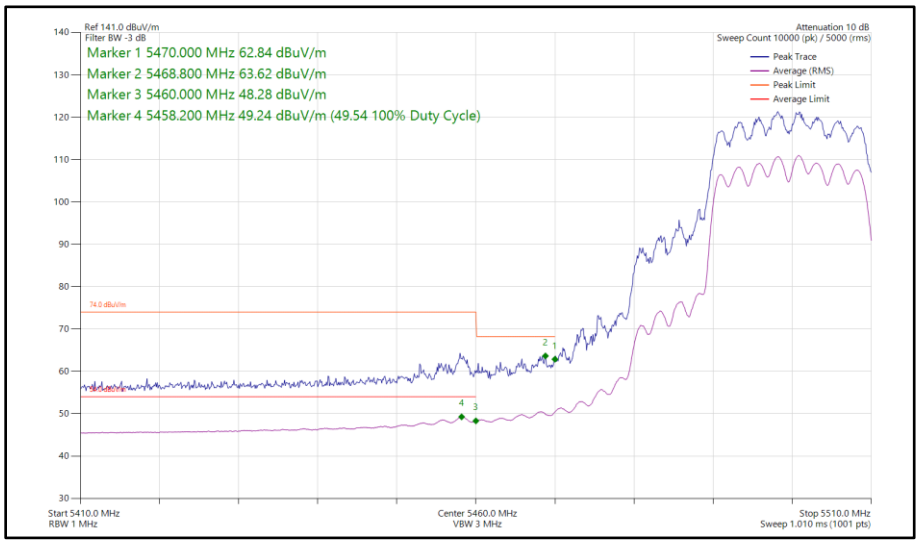

Figure 65 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

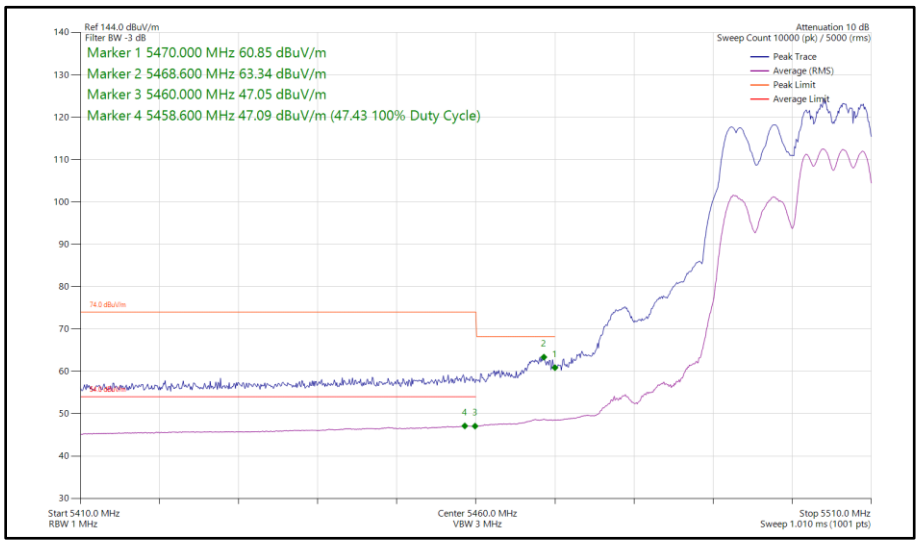

Figure 66 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

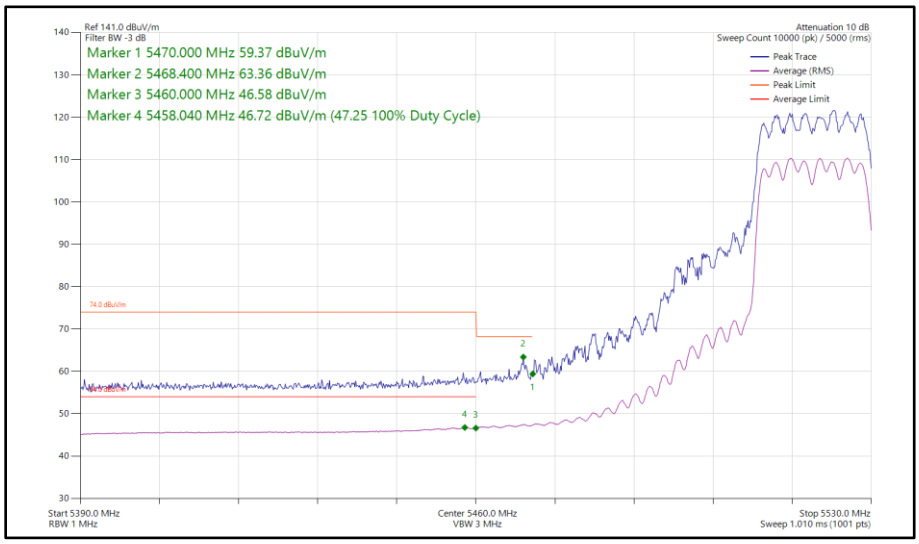

Figure 67 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

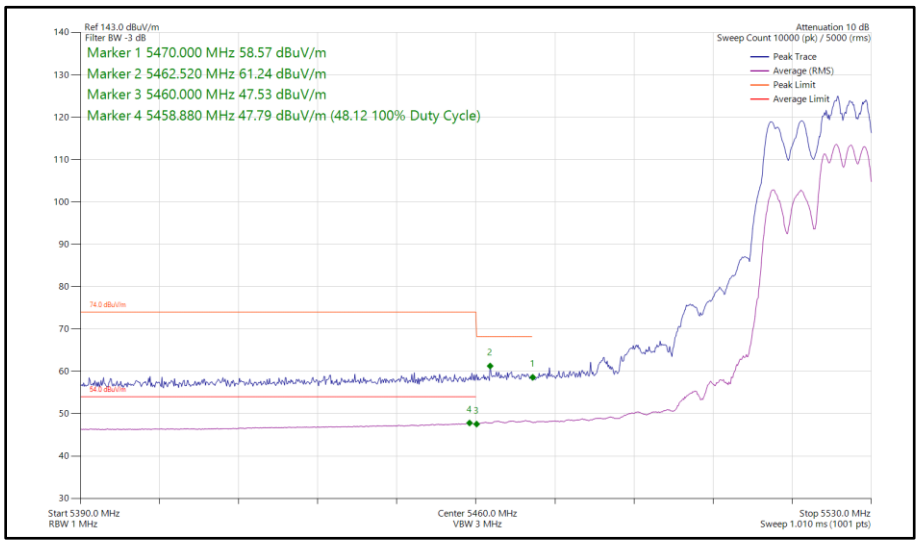

Figure 68 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

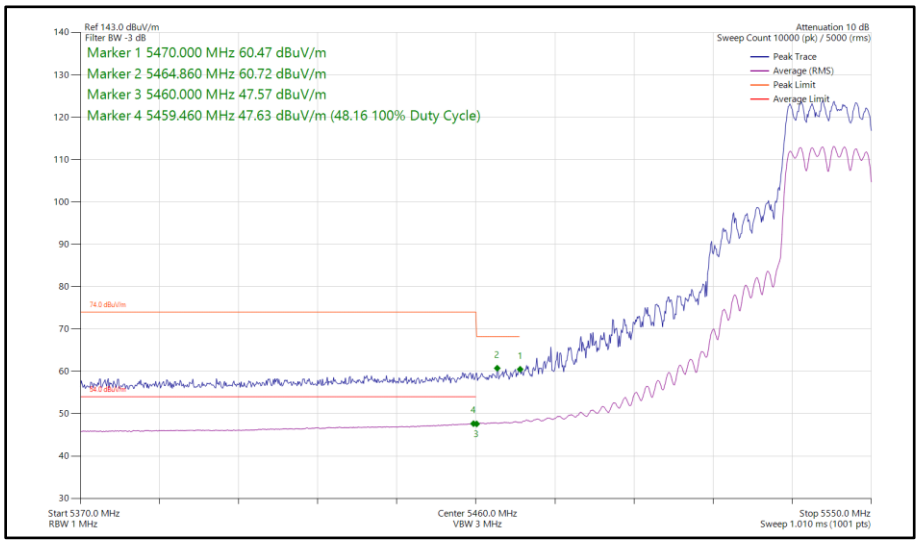

Figure 69 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5540 MHz Band Edge Frequency 5460 MHz

20 MHz Bandwidth - Core 0 - Core 1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBuV/m)
802.11n HT20	MCS 2	-	-	5180	5150	58.60	46.92
802.11ax HE20	MCS 2x2	SU	-	5180	5150	64.74	51.50
802.11ax HE20	MCS 11x2	106	53	5180	5150	65.45	49.87
802.11ax HE20	MCS 11x2	SU	-	5200	5150	69.29	51.30
802.11ax HE20	MCS 11x2	106	54	5200	5150	58.91	47.30
802.11n HT20	MCS 7	-	-	5320	5350	61.21	48.80
802.11ax HE20	MCS 4x2	SU	-	5300	5350	66.32	51.07
802.11ax HE20	MCS 11x2	106	54	5300	5350	59.75	48.03
802.11ax HE20	MCS 2x2	SU	-	5320	5350	64.69	51.50
802.11ax HE20	MCS 11x2	106	53	5320	5350	66.33	50.46
802.11n HT20	MCS 2	-	-	5500	5460	60.84	47.85
802.11n HT20	MCS 7	-	-	5520	5460	58.26	46.57
802.11ax HE20	MCS 4x2	SU	-	5500	5460	63.67	49.09
802.11ax HE20	MCS 11x2	106	53	5500	5460	63.37	47.42
802.11ax HE20	MCS 4x2	SU	-	5520	5460	63.64	48.95
802.11ax HE20	MCS 11x2	106	53	5520	5460	60.01	48.45
802.11ax HE20	MCS 11x2	SU	-	5540	5460	61.33	48.21

Table 10 - SDM Restricted Band Edge Results

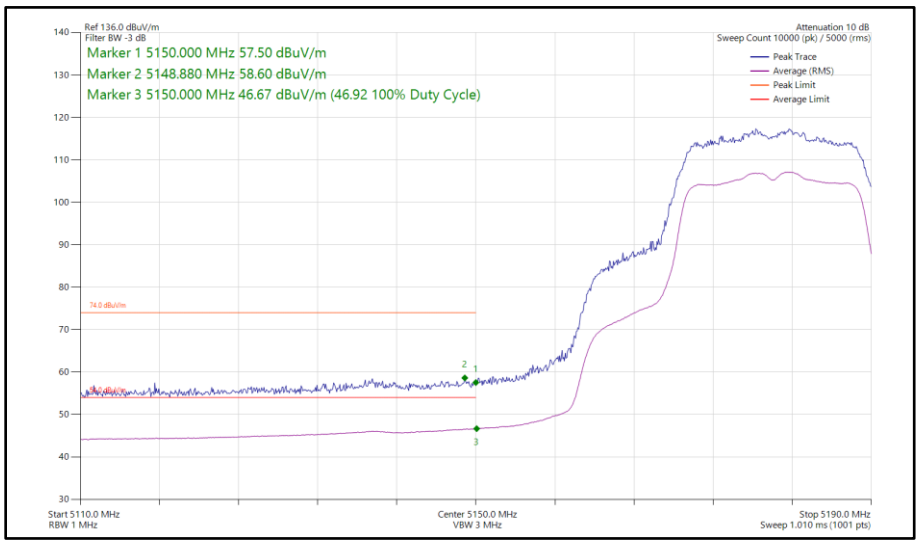

Figure 70 - 802.11n HT20, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

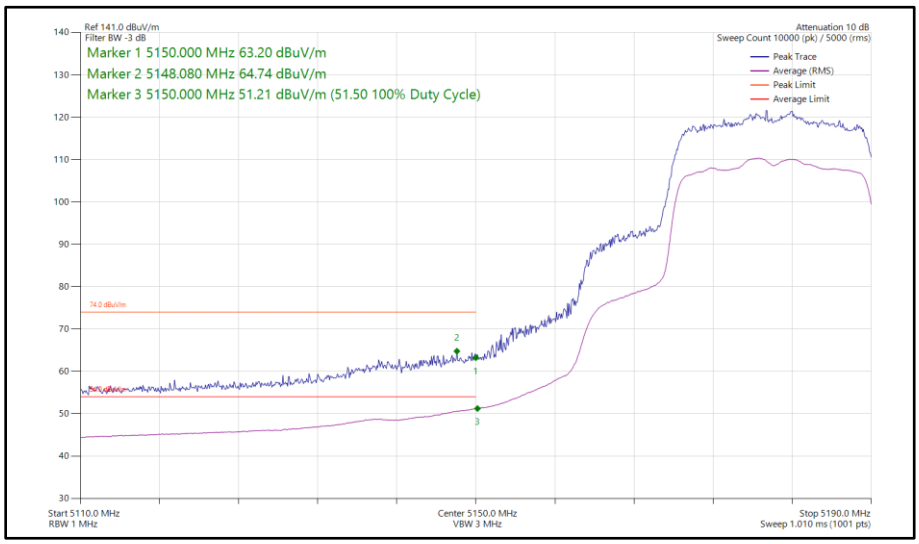

Figure 71 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

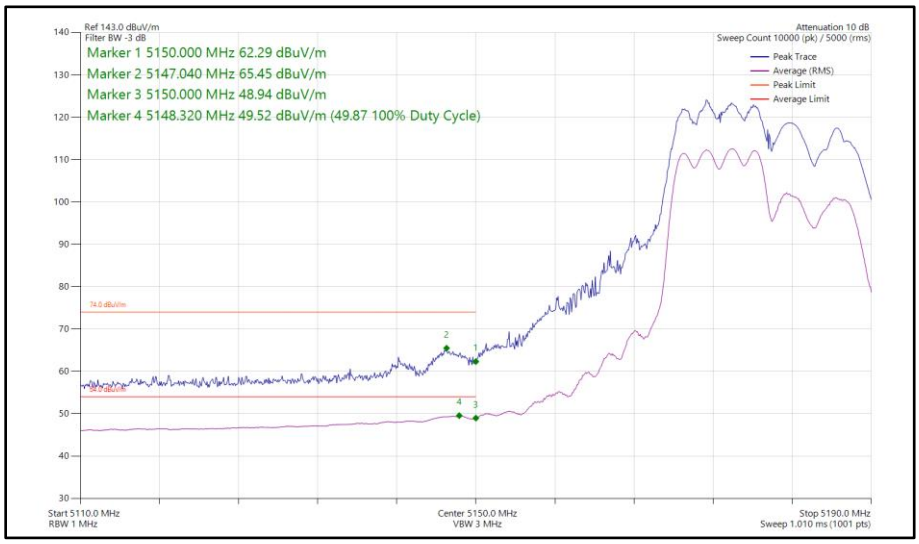

Figure 72 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

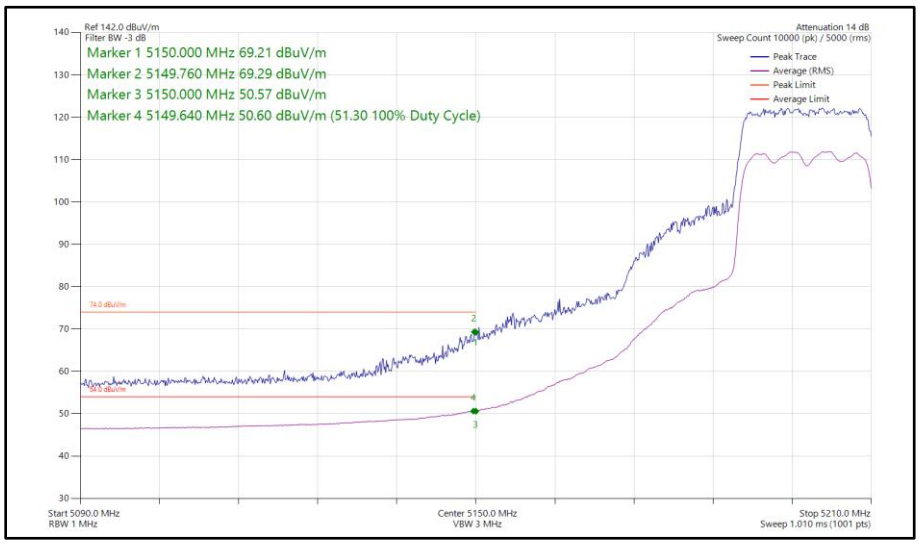

Figure 73 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

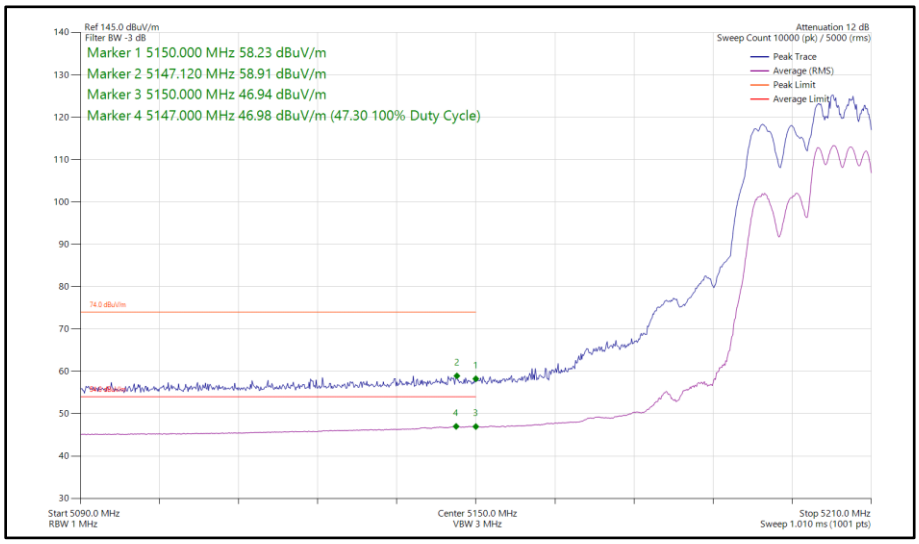

Figure 74 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

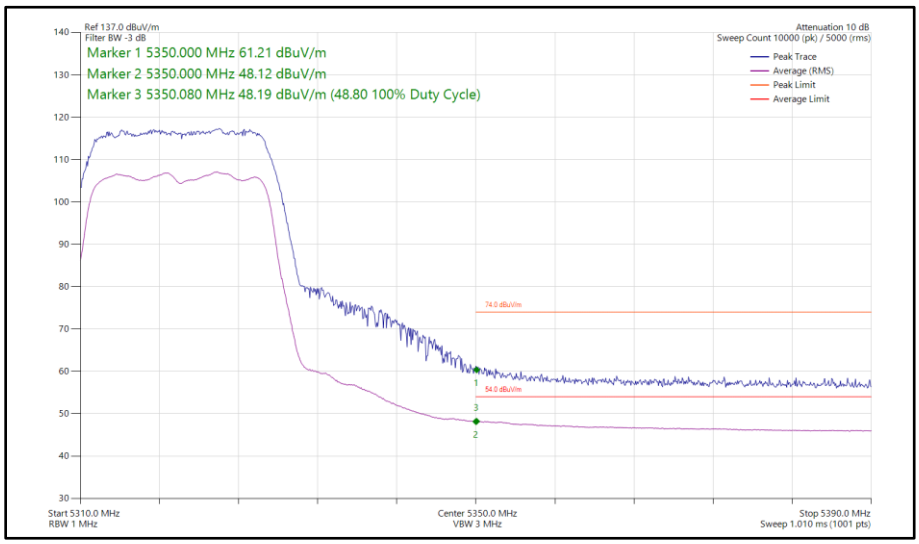

Figure 75 - 802.11n HT20, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

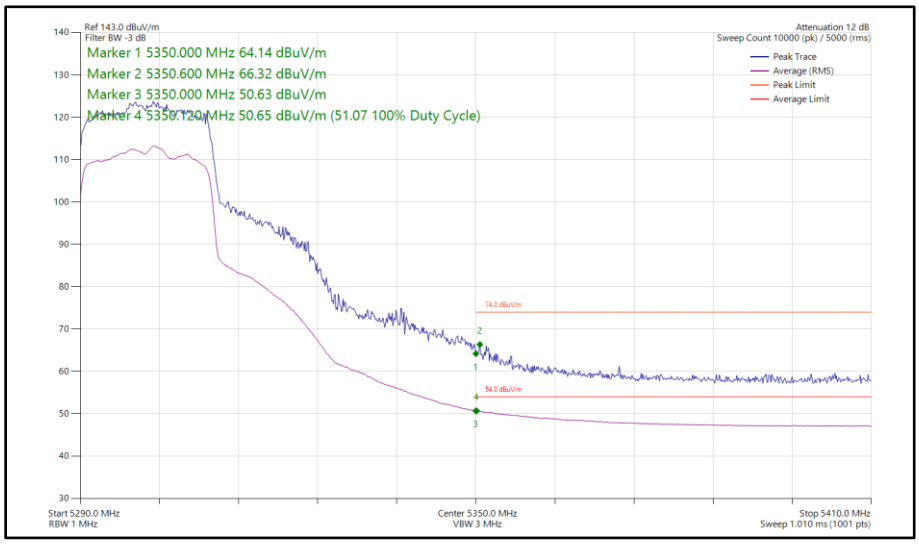

Figure 76 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

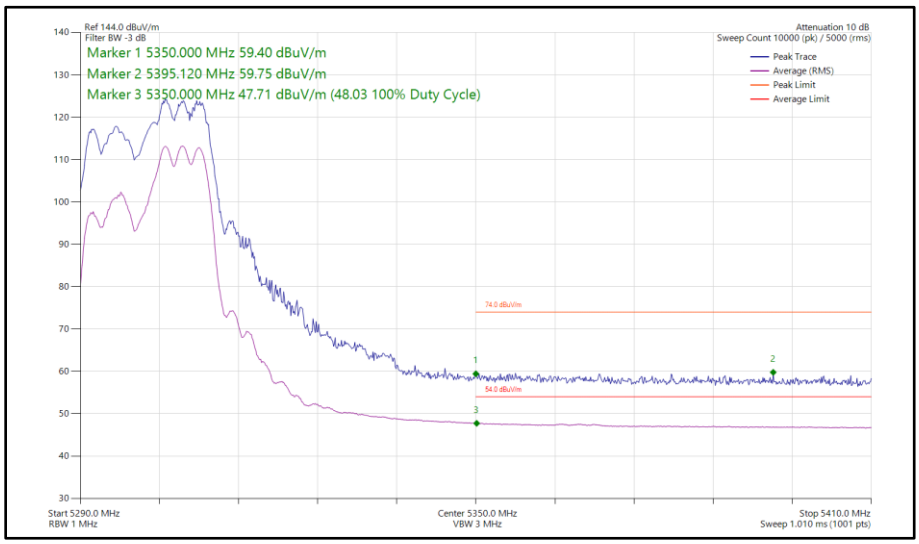

Figure 77 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

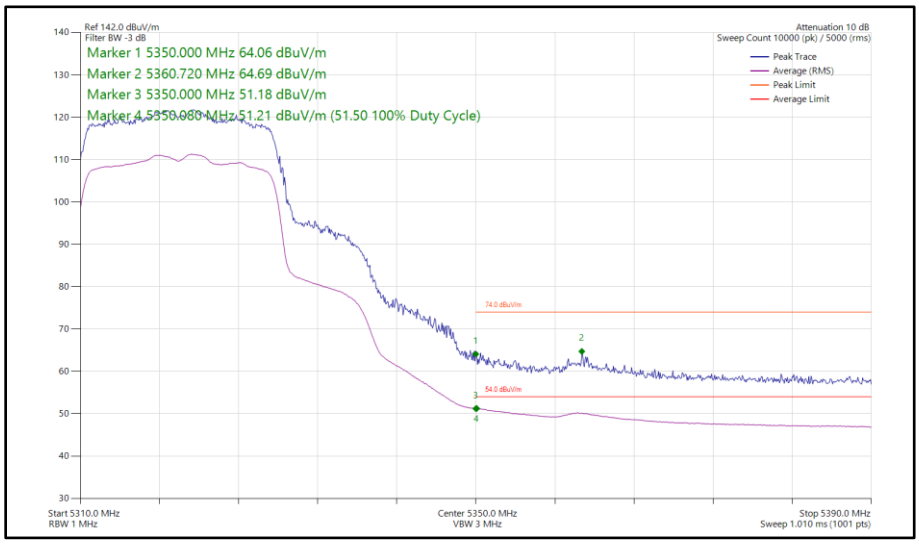

Figure 78 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

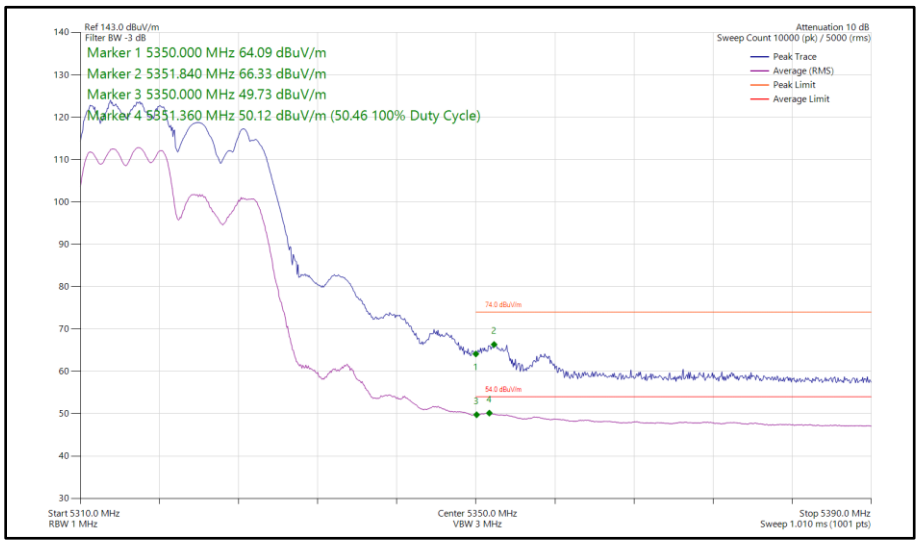

Figure 79 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

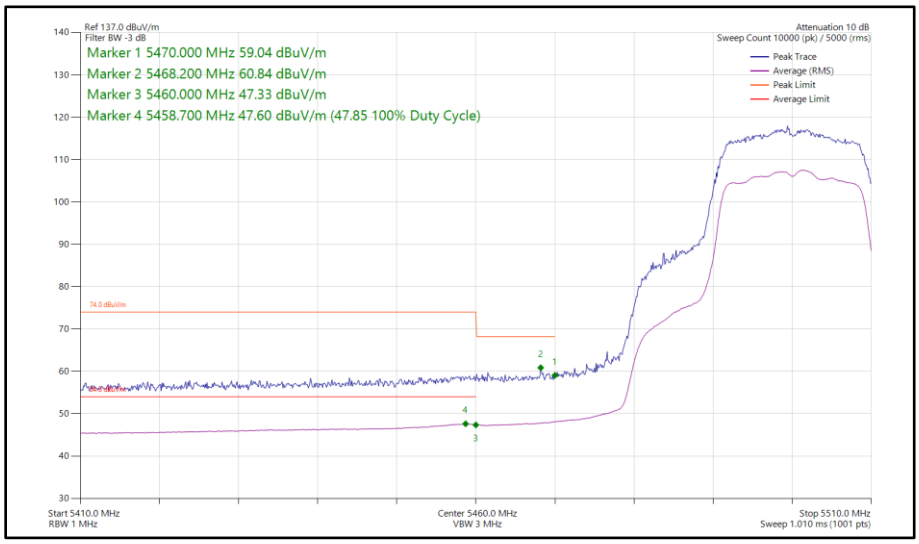

Figure 80 - 802.11n HT20, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

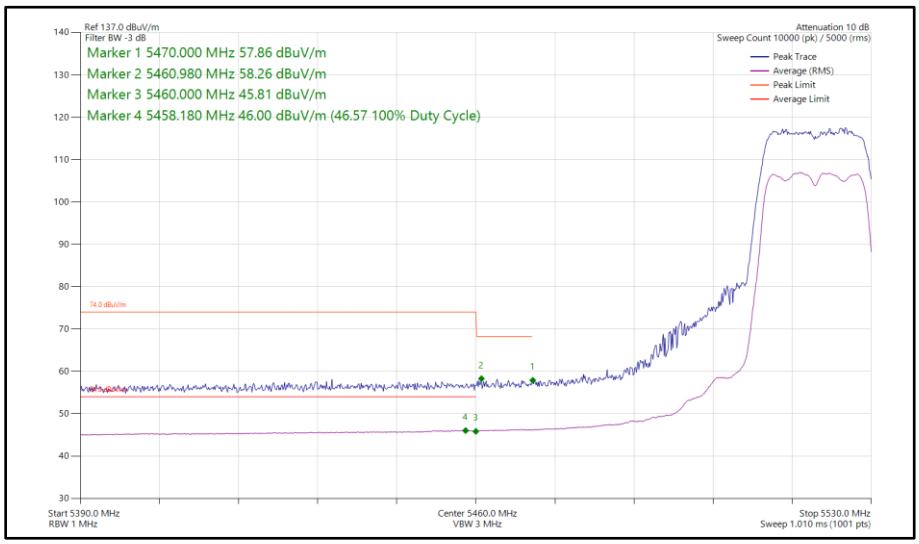

Figure 81 - 802.11n HT20, SDM, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

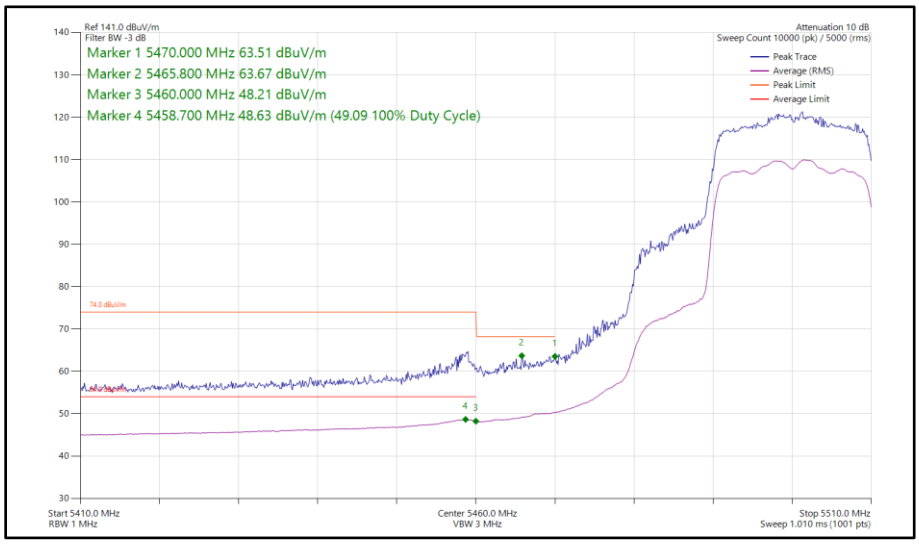

Figure 82 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

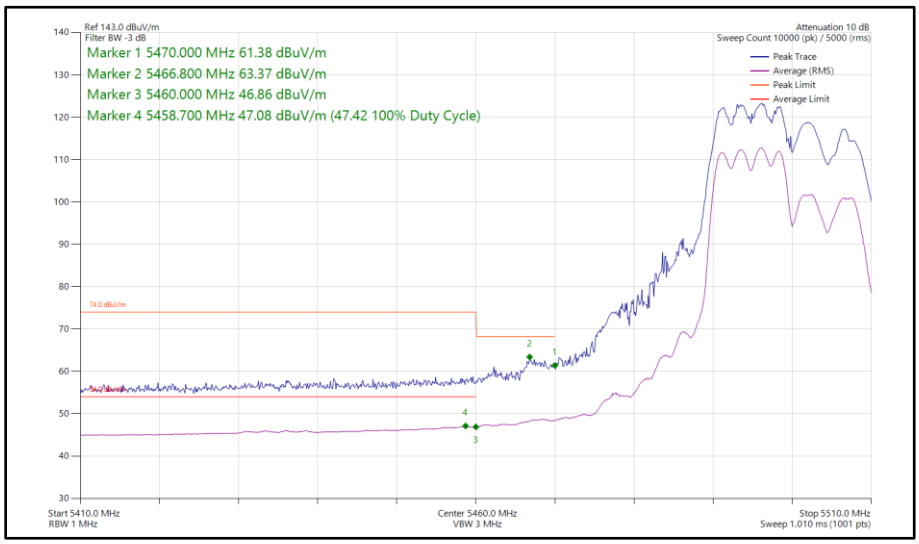

Figure 83 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

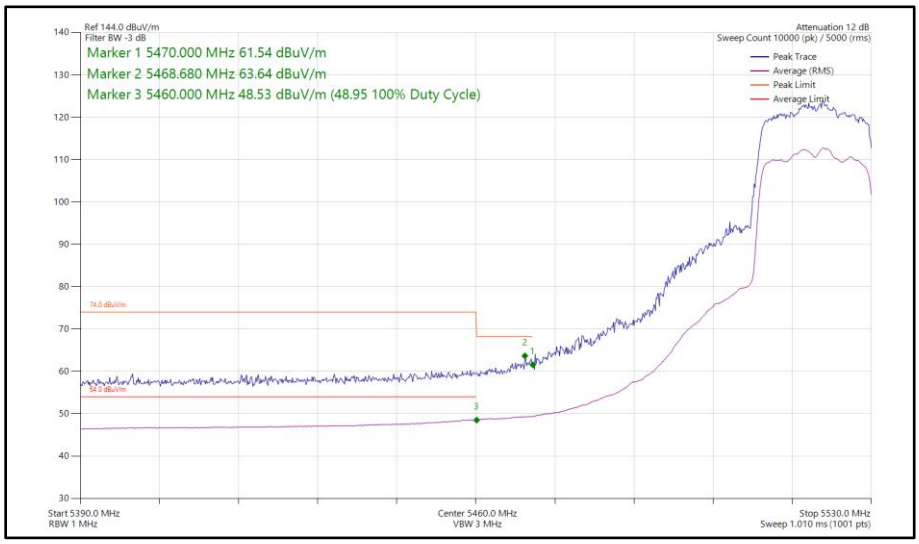

Figure 84 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

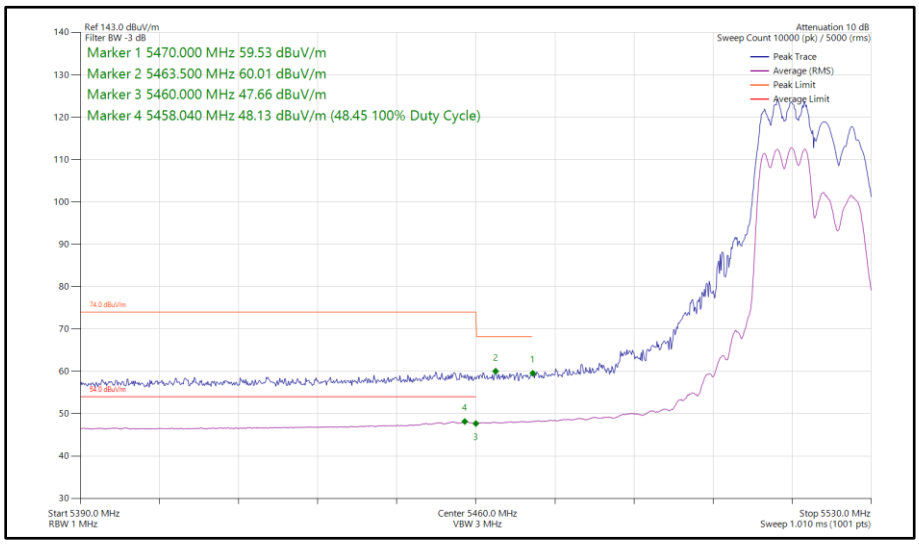

Figure 85 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

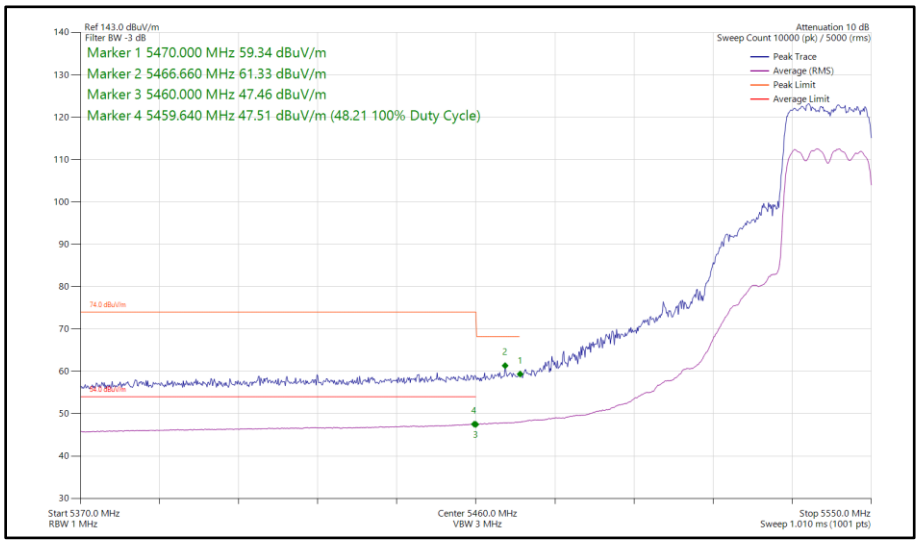

Figure 86 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5540 MHz Band Edge Frequency 5460 MHz

20 MHz Bandwidth - Core 0 - Core 1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBuV/m)
802.11ac VHT20	MCS 7x1	-	-	5180	5150	69.49	48.13
802.11ac VHT20	MCS 7x1	-	-	5200	5150	69.48	50.50
802.11ac VHT20	MCS 7x1	-	-	5300	5350	68.99	51.49
802.11ac VHT20	MCS 2x1	-	-	5320	5350	68.59	51.35
802.11ac VHT20	MCS 2x1	-	-	5500	5460	63.44	47.70
802.11ac VHT20	MCS 2x1	-	-	5520	5460	63.02	49.22

Table 11 - TxBF Restricted Band Edge Results

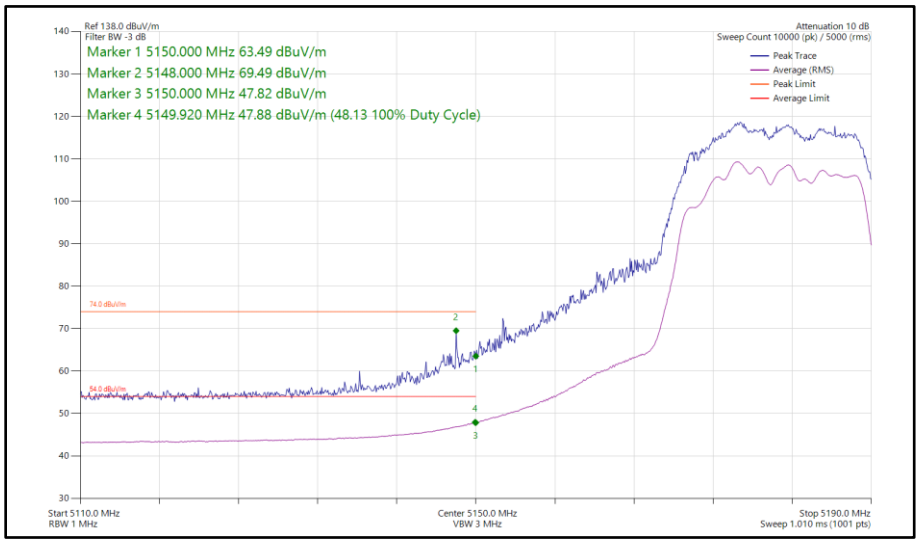

Figure 87 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

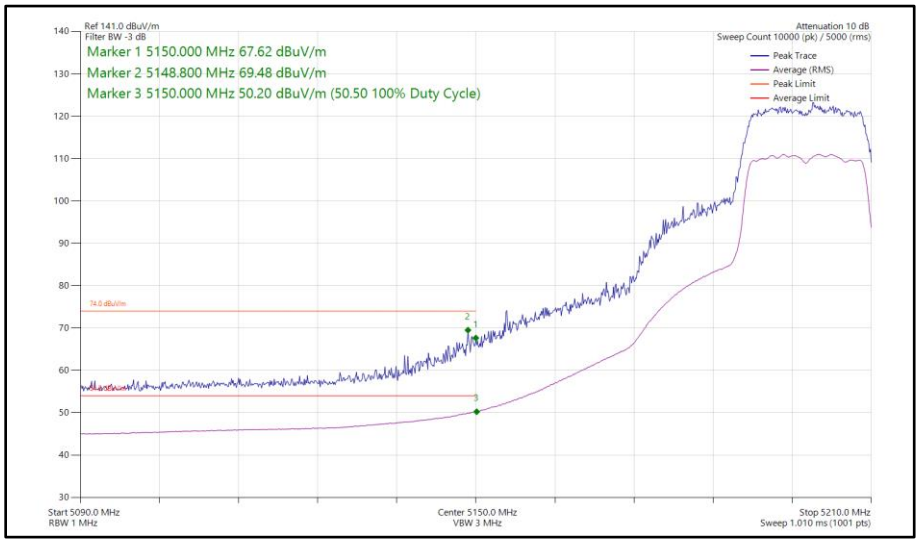

Figure 88 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

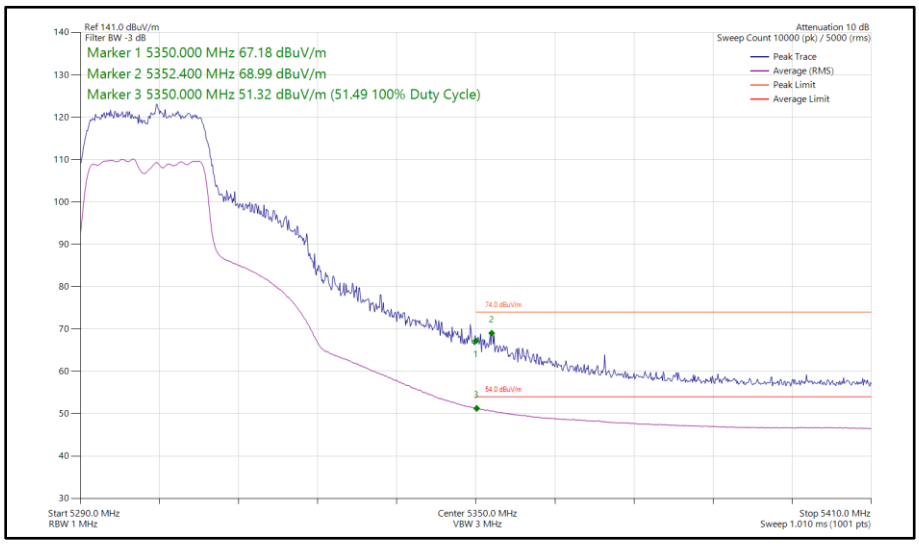

Figure 89 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

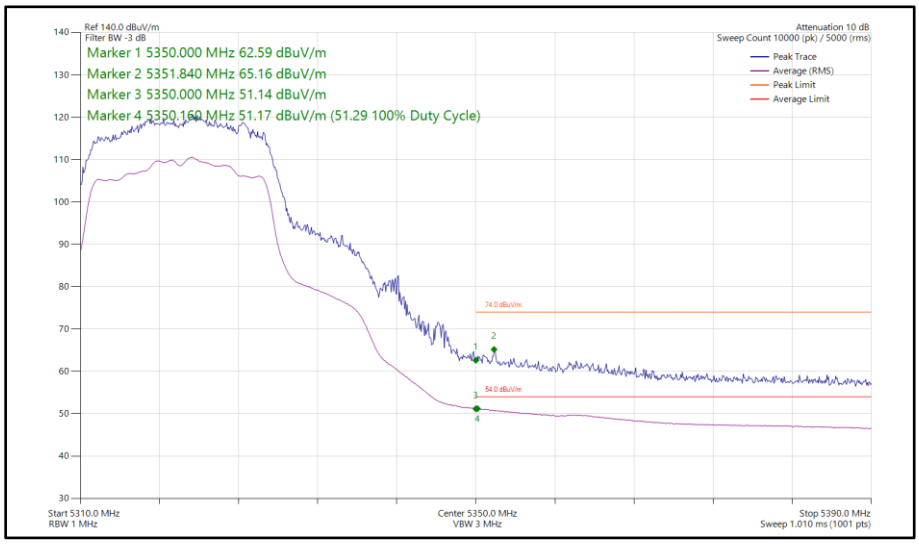

Figure 90 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

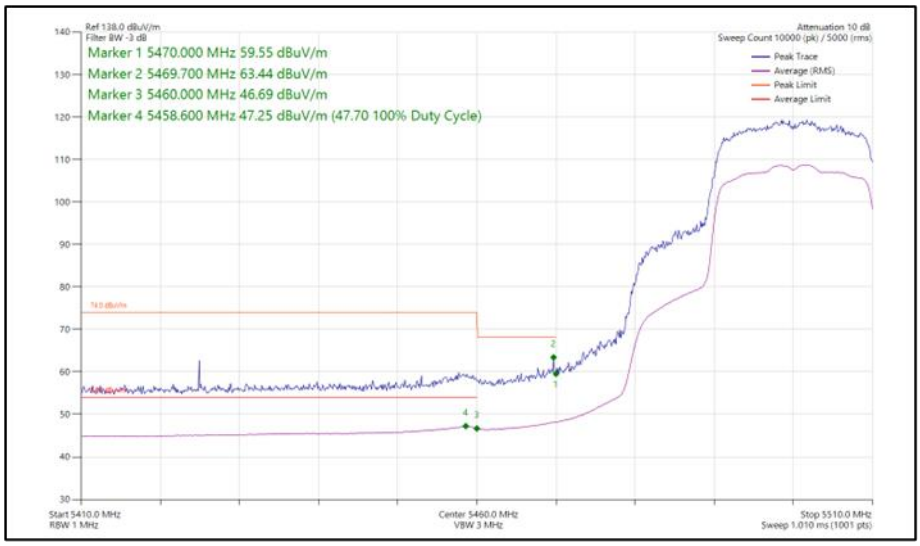

Figure 91 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

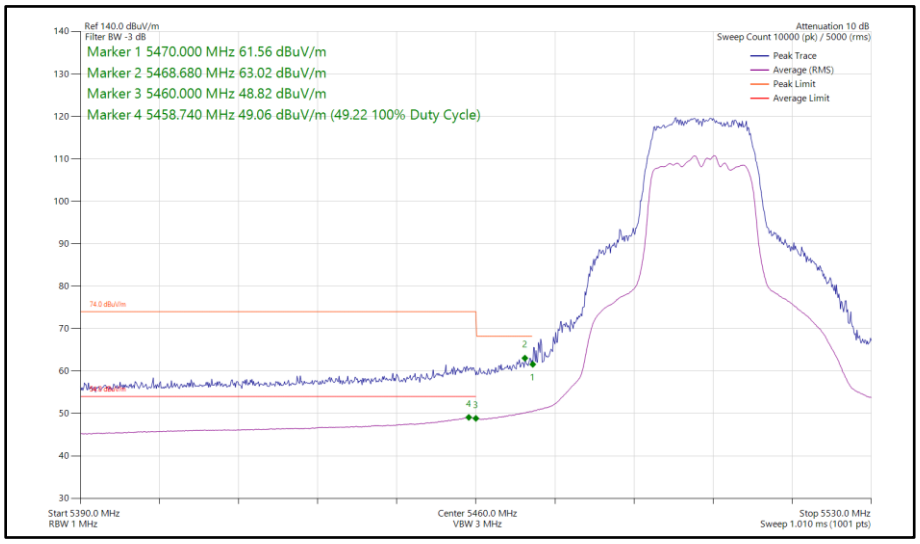

Figure 92 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

40 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBuV/m)
802.11n HT40	MCS 7	-	-	5190	5150	69.28	49.23
802.11n HT40	MCS 7	-	-	5230	5150	67.43	50.46
802.11ax HE40	MCS 11x1	SU	-	5190	5150	68.94	51.23
802.11ax HE40	MCS 11x1	106	53	5190	5150	67.41	46.41
802.11ax HE40	MCS 11x1	SU	-	5230	5150	67.17	51.44
802.11ax HE40	MCS 11x1	106	53	5230	5150	54.71	43.29
802.11n HT40	MCS 7	-	-	5270	5350	66.65	51.30
802.11n HT40	MCS 2	-	-	5310	5350	63.72	51.45
802.11ax HE40	MCS 11x1	SU	-	5270	5350	67.21	51.34
802.11ax HE40	MCS 11x1	106	56	5270	5350	58.04	46.51
802.11ax HE40	MCS 4x1	SU	-	5310	5350	64.32	51.43
802.11ax HE40	MCS 11x1	52	37	5310	5350	69.09	49.09
802.11n HT40	MCS 7	-	-	5510	5460	63.57	45.29
802.11n HT40	MCS 7	-	-	5550	5460	63.38	46.38
802.11ax HE40	MCS 2x1	SU	-	5510	5460	63.43	47.90
802.11ax HE40	MCS 11x1	52	44	5510	5460	62.33	47.01
802.11ax HE40	MCS 11x1	SU	-	5550	5460	63.43	47.05
802.11ax HE40	MCS 11x1	106	53	5550	5460	57.20	45.64

Table 12 - SISO Restricted Band Edge Results

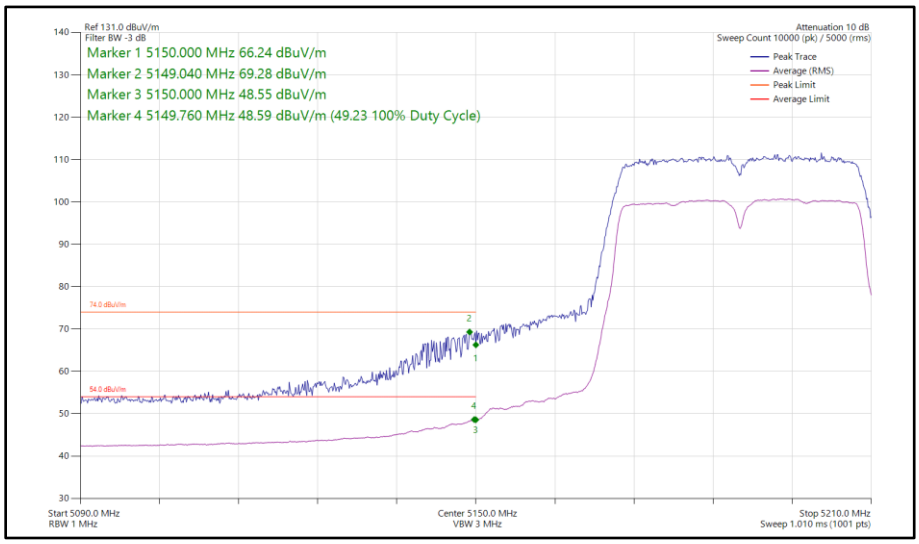

Figure 93 - 802.11n HT40, SISO, Core 0 - 5190 MHz Band Edge Frequency 5150 MHz

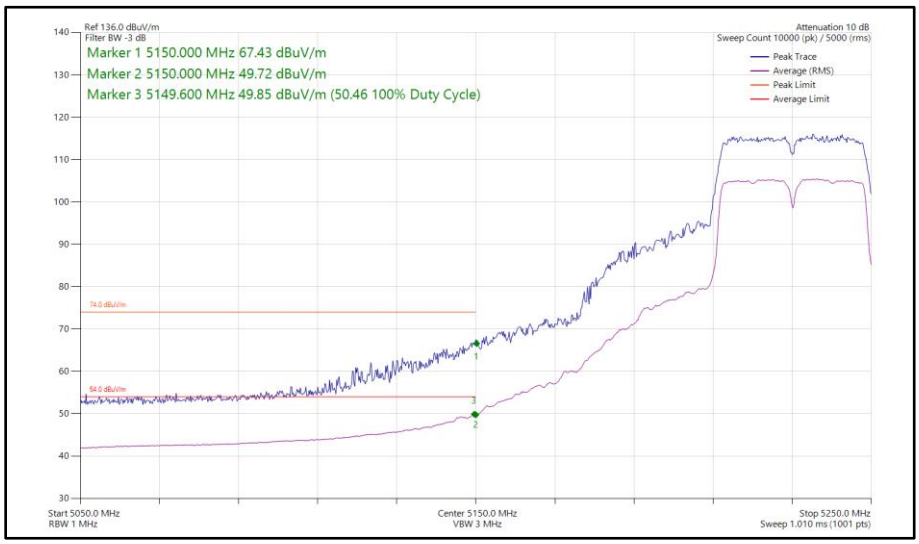

Figure 94 - 802.11n HT40, SISO, Core 0 - 5230 MHz
Band Edge Frequency 5150 MHz

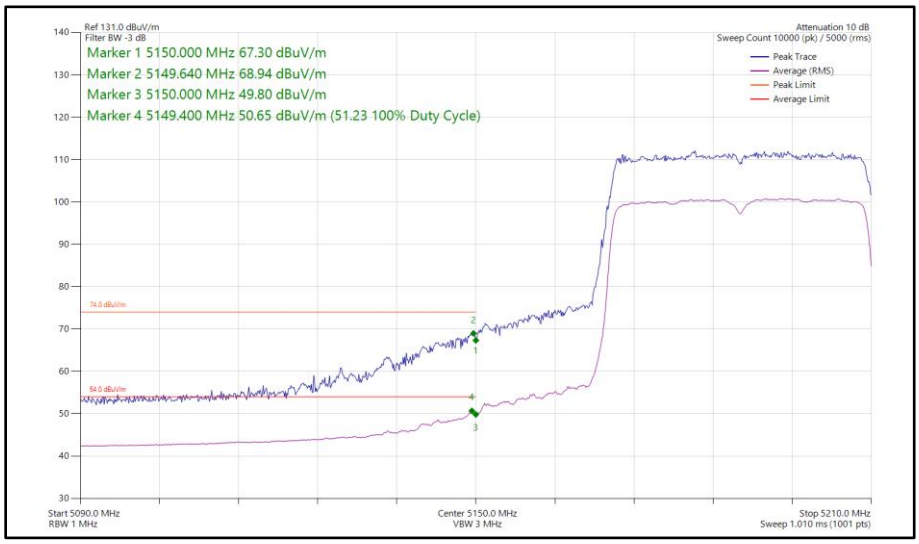

Figure 95 - 802.11ax HE40, SU, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

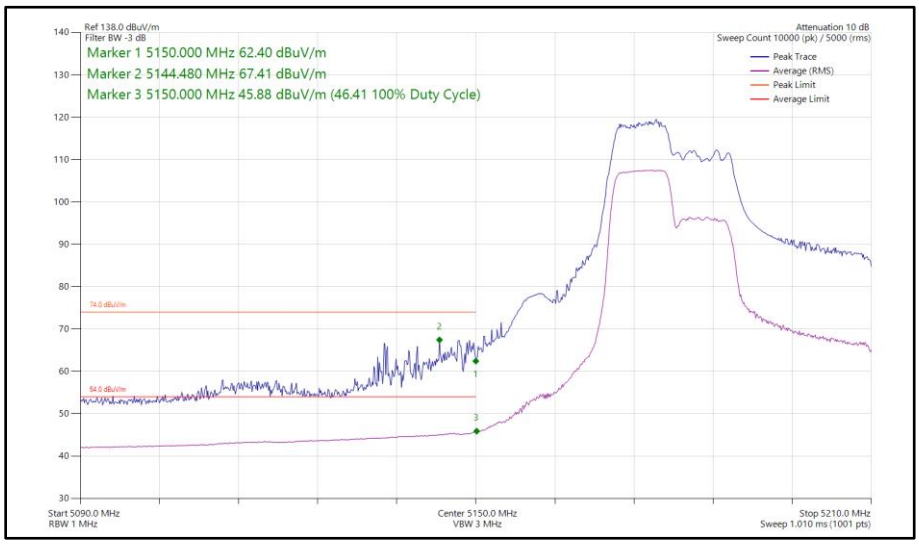

Figure 96 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

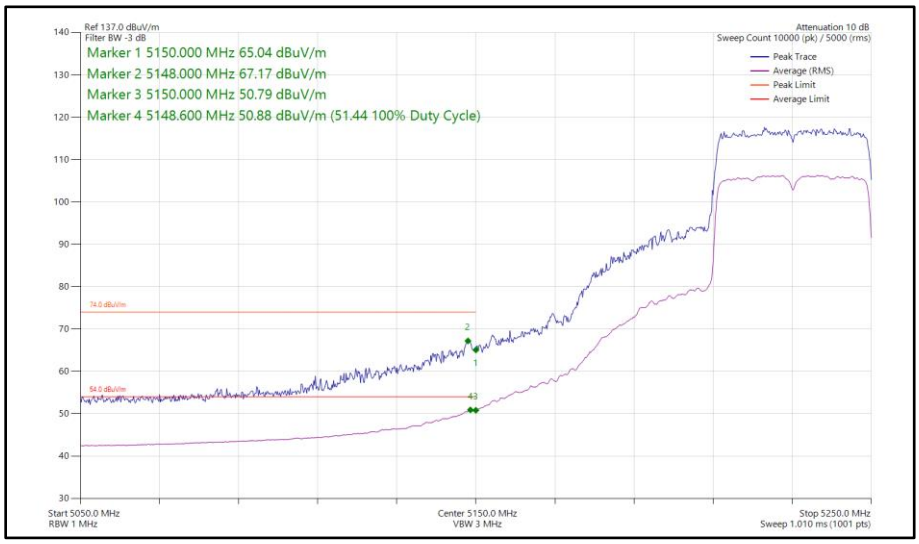

Figure 97 - 802.11ax HE40, SU, SISO, Core 0 - 5230 MHz
Band Edge Frequency 5150 MHz

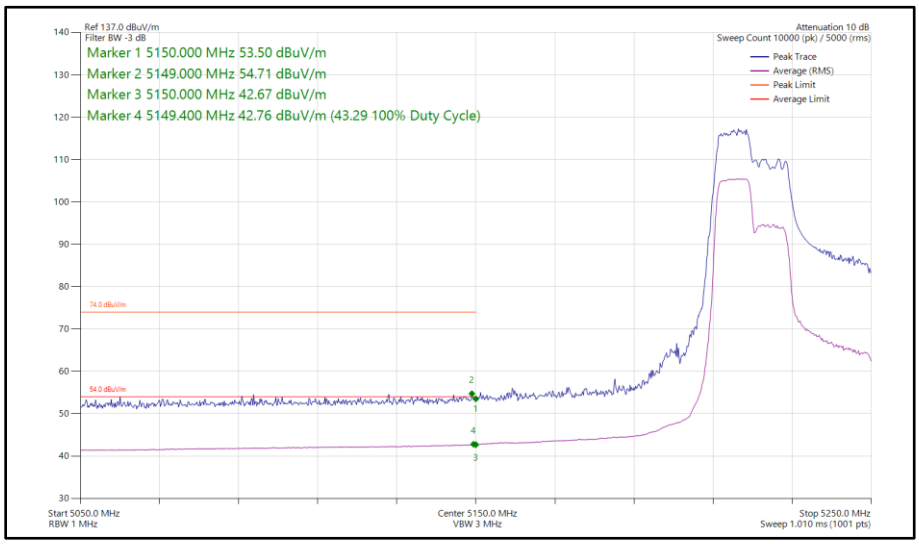

Figure 98 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

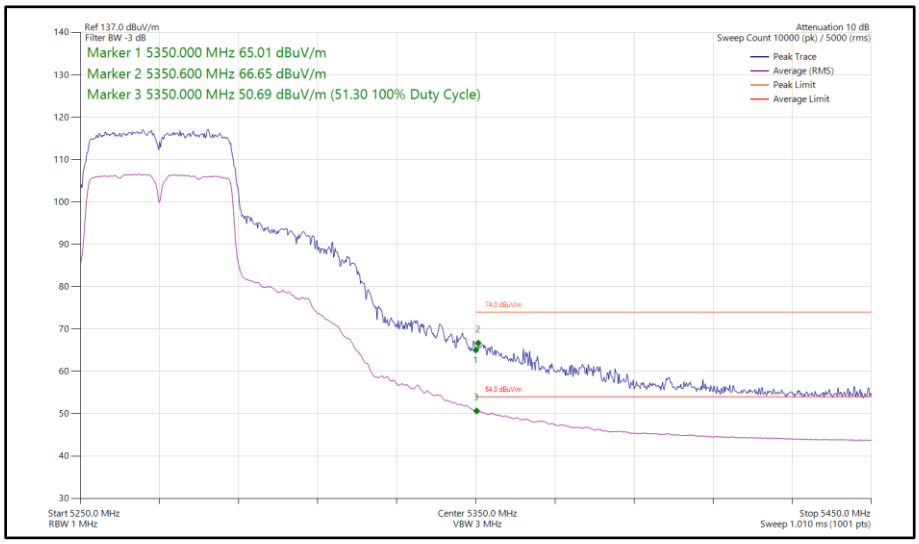

Figure 99 - 802.11n HT40, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

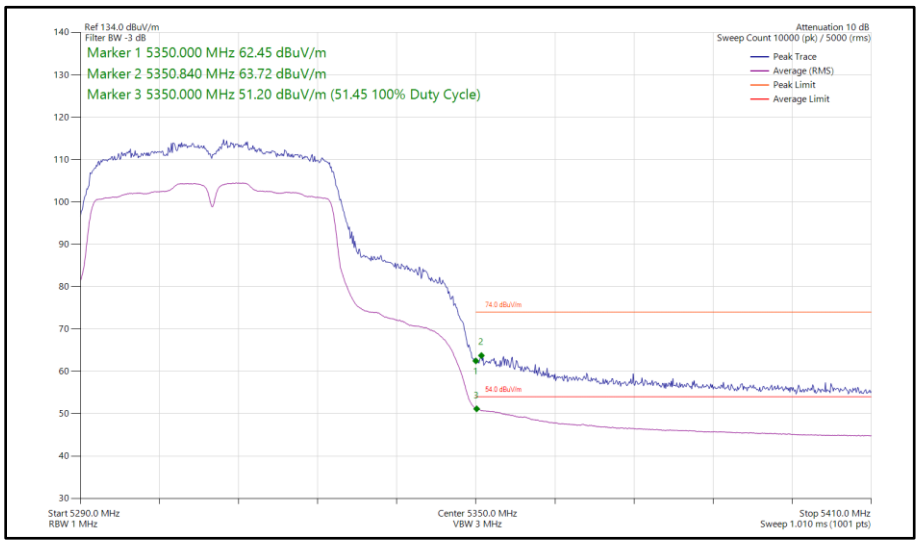

Figure 100 - 802.11n HT40, SISO, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

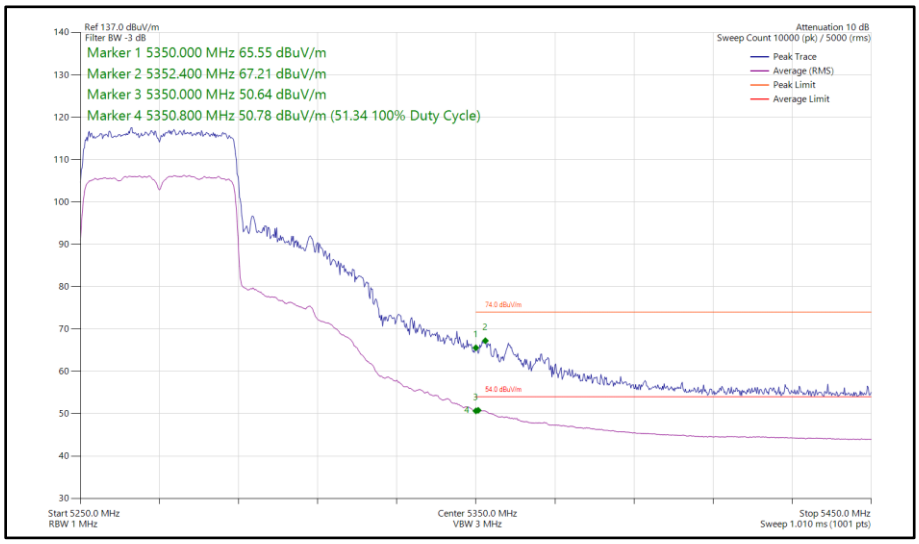

Figure 101 - 802.11ax HE40, SU, SISO, Core 0 - 5270 MHz
Band Edge Frequency 5350 MHz

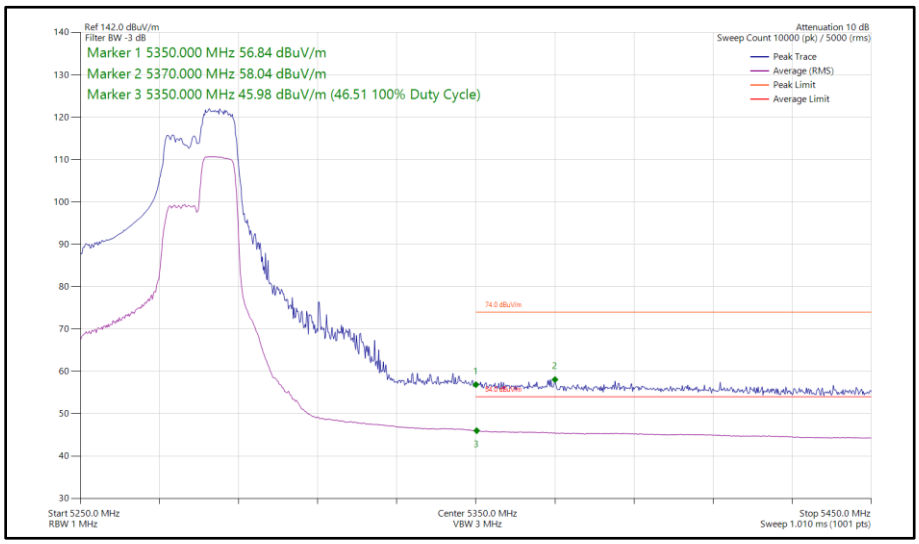

Figure 102 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

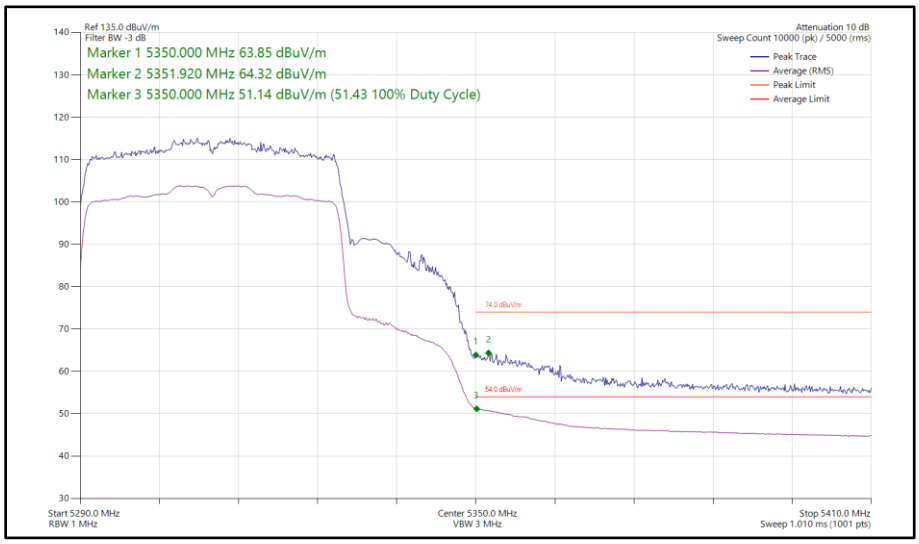

Figure 103 - 802.11ax HE40, SU, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

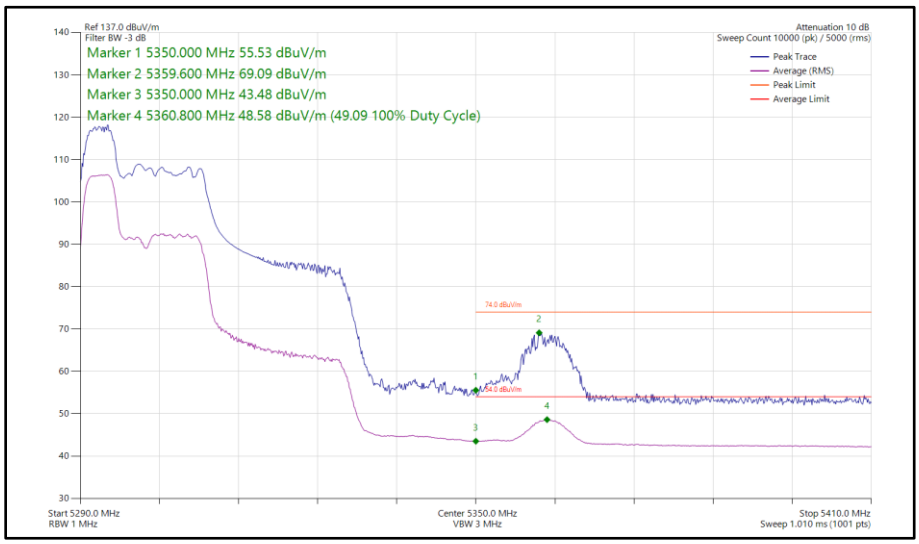

Figure 104 - 802.11ax HE40, RU 52-37, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

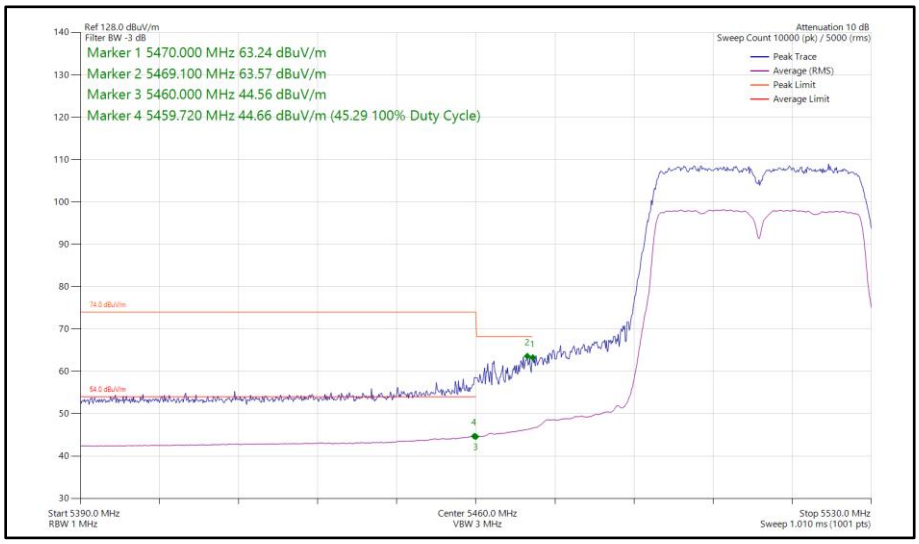

Figure 105 - 802.11n HT40, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

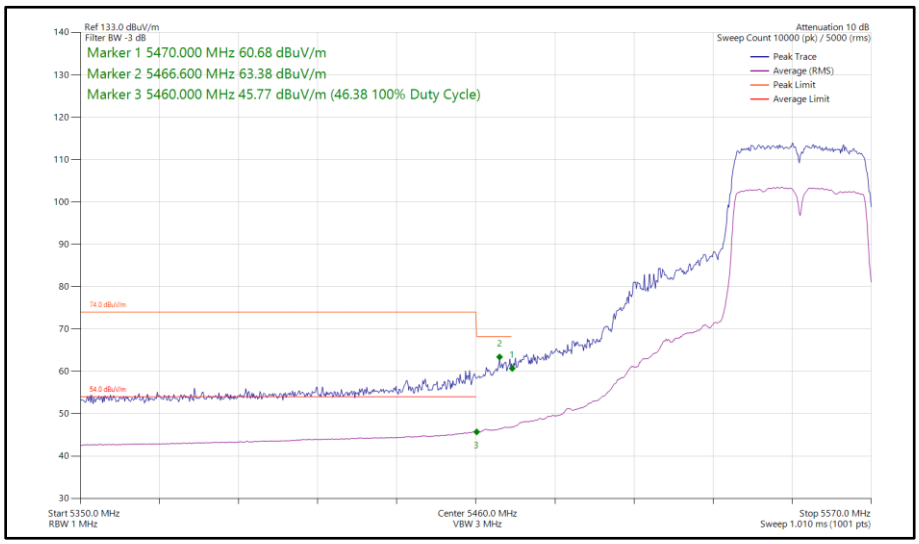

Figure 106 - 802.11n HT40, SISO, Core 0 - 5550 MHz
Band Edge Frequency 5460 MHz

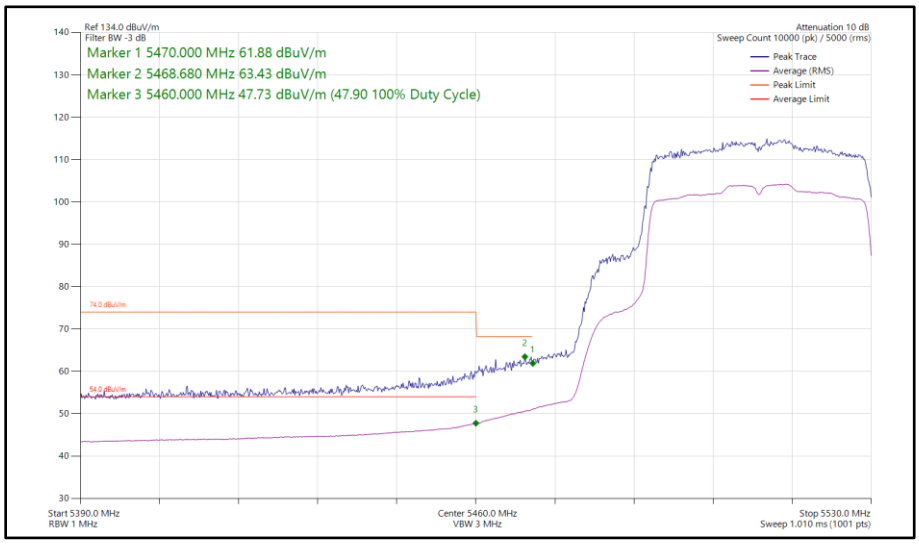

Figure 107 - 802.11ax HE40, SU, SISO, Core 0 - 5510 MHz
Band Edge Frequency 5460 MHz

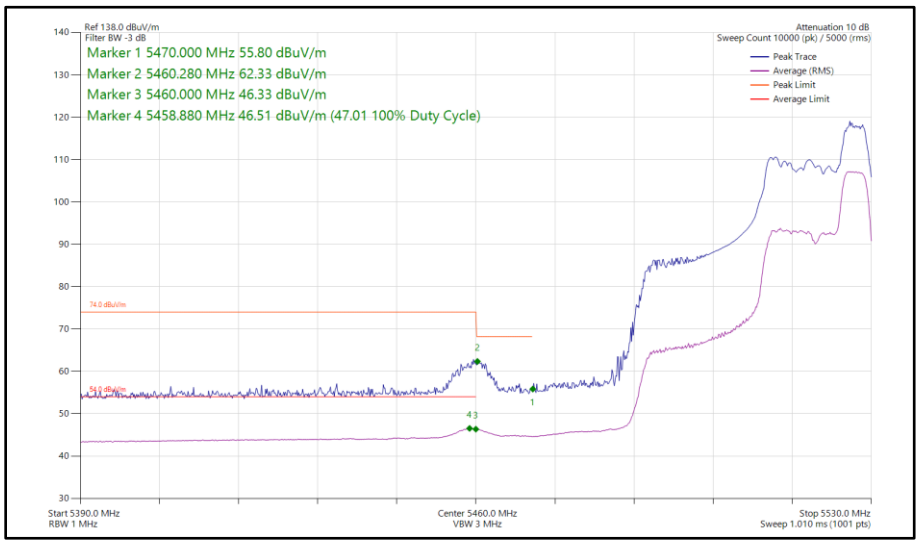

Figure 108 - 802.11ax HE40, RU 52-44, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

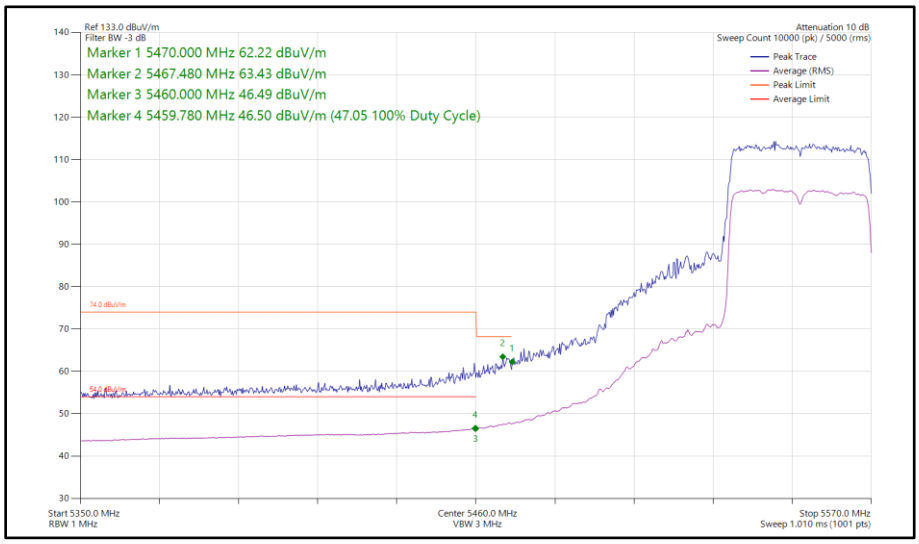

Figure 109 - 802.11ax HE40, SU, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

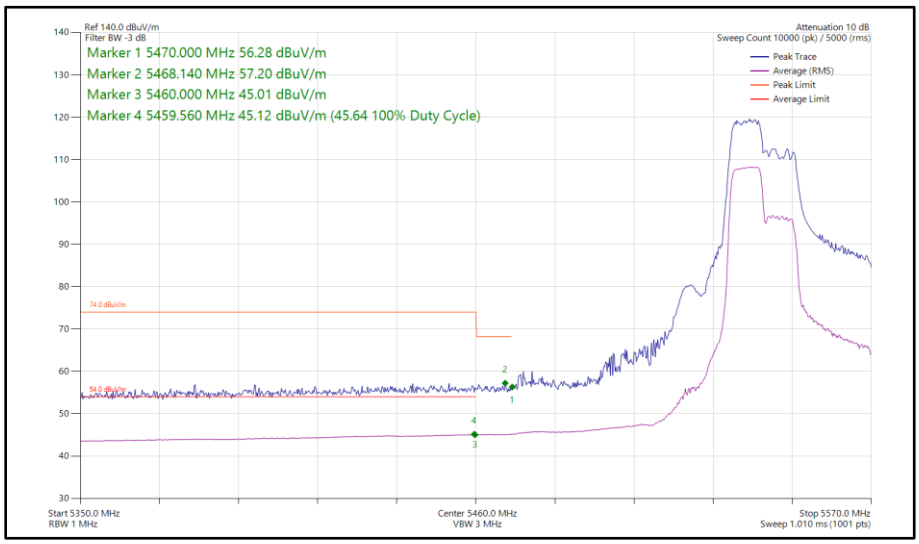

Figure 110 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

40 MHz Bandwidth - Core 1 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBµV/m)	Average Level (dBuV/m)
802.11n HT40	MCS 2	-	-	5190	5150	63.43	51.12
802.11n HT40	MCS 7	-	-	5230	5150	66.29	49.76
802.11ax HE40	MCS 4x1	SU	-	5190	5150	63.96	51.34
802.11ax HE40	MCS 11x1	106	53	5190	5150	68.05	46.71
802.11ax HE40	MCS 11x1	SU	-	5230	5150	68.87	51.47
802.11ax HE40	MCS 11x1	106	53	5230	5150	55.73	43.86
802.11n HT40	MCS 4	-	-	5270	5350	65.31	51.49
802.11n HT40	MCS 4	-	-	5310	5350	64.58	51.39
802.11ax HE40	MCS 4x1	SU	-	5270	5350	66.10	51.39
802.11ax HE40	MCS 11x1	106	56	5270	5350	58.33	46.49
802.11ax HE40	MCS 11x1	SU	-	5310	5350	68.16	51.40
802.11ax HE40	MCS 11x1	106	56	5310	5350	69.39	47.93
802.11n HT40	MCS 2	-	-	5510	5460	63.59	48.05
802.11n HT40	MCS 4	-	-	5550	5460	63.49	47.43
802.11ax HE40	MCS 4x1	SU	-	5510	5460	63.69	47.64
802.11ax HE40	MCS 11x1	52	44	5510	5460	63.64	48.36
802.11ax HE40	MCS 4x1	SU	-	5550	5460	63.60	47.59
802.11ax HE40	MCS 11x1	106	53	5550	5460	58.71	46.44

Table 13 - SISO Restricted Band Edge Results

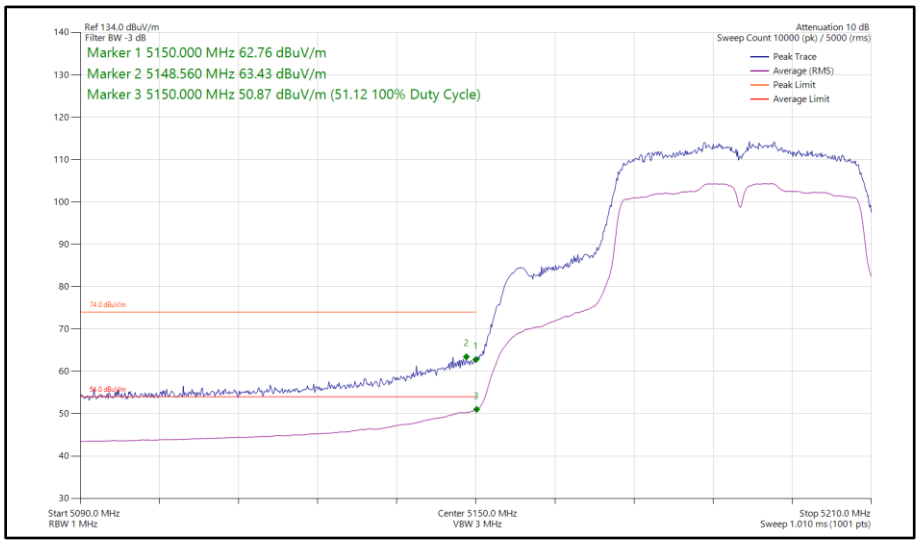

Figure 111 - 802.11n HT40, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

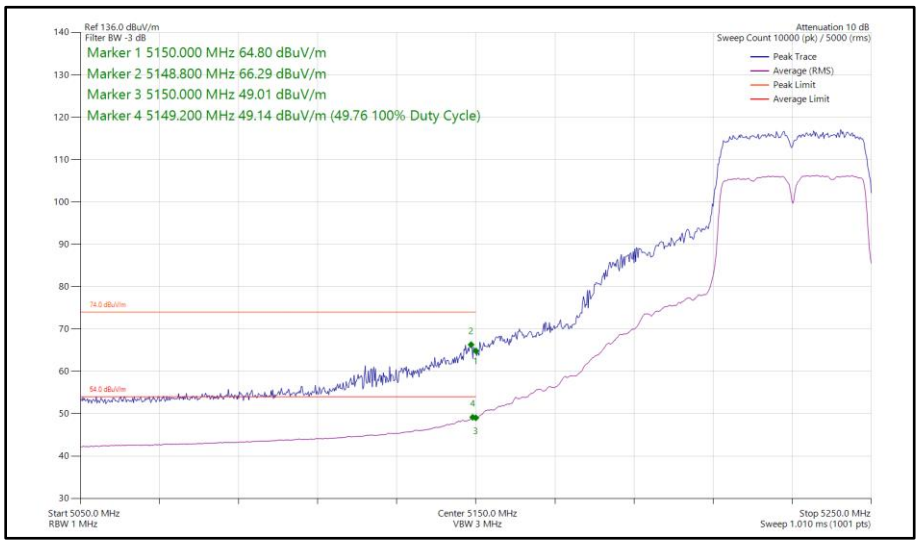

Figure 112 - 802.11n HT40, SISO, Core 1 - 5230 MHz
Band Edge Frequency 5150 MHz

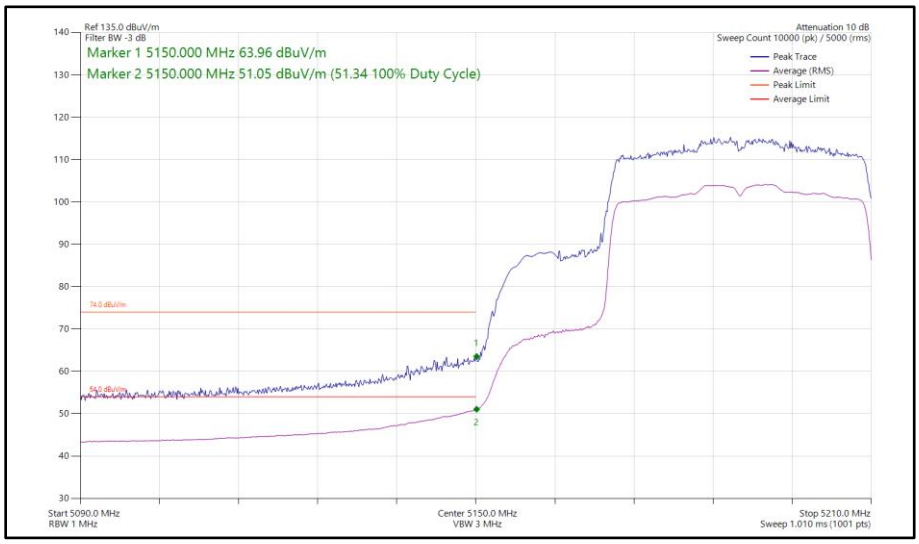

Figure 113 - 802.11ax HE40, SU, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

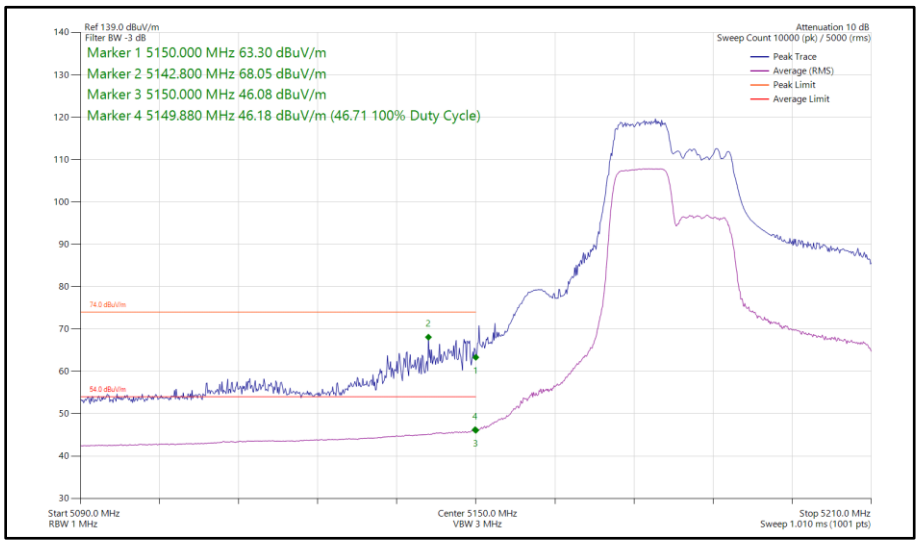

Figure 114 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

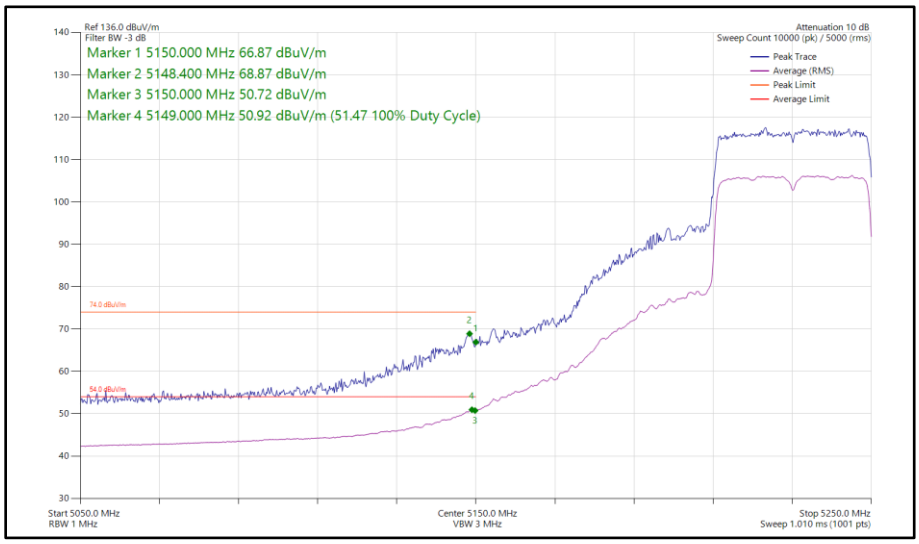

Figure 115 - 802.11ax HE40, SU, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

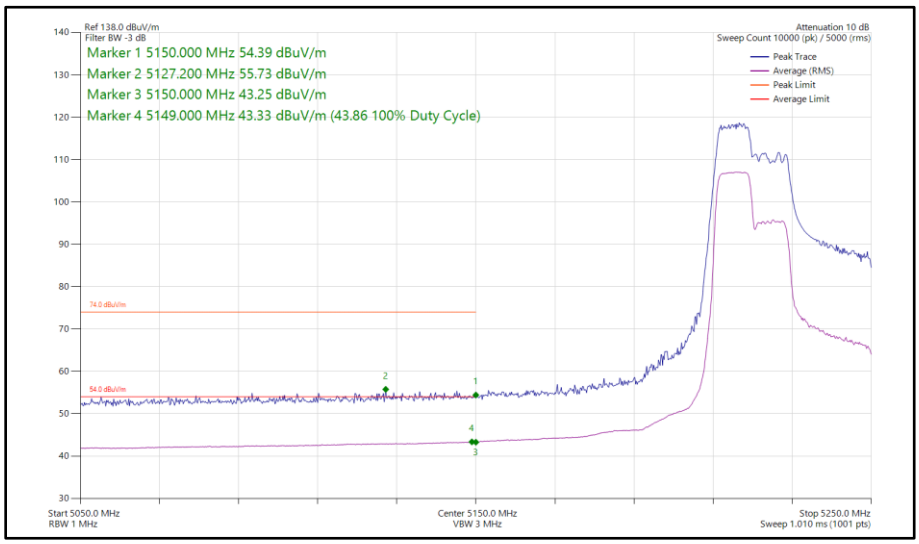

Figure 116 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

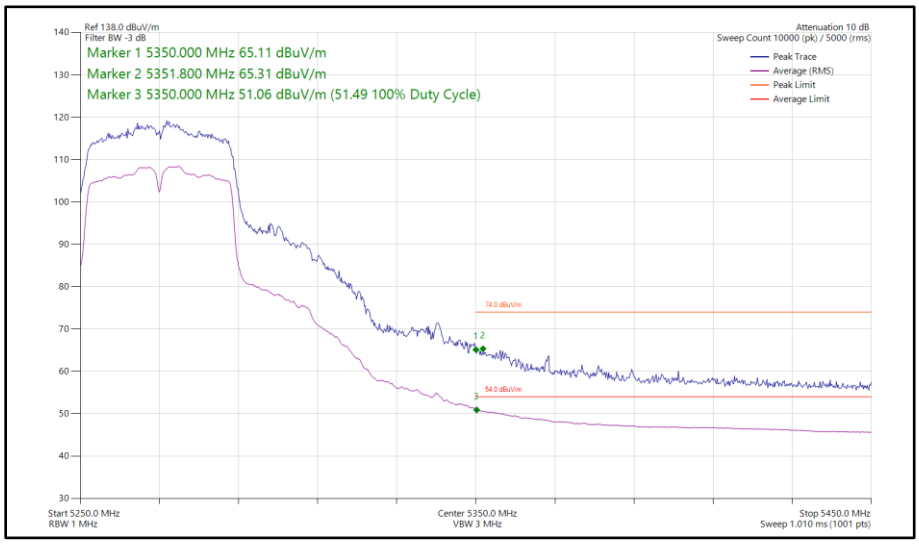

Figure 117 - 802.11n HT40, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

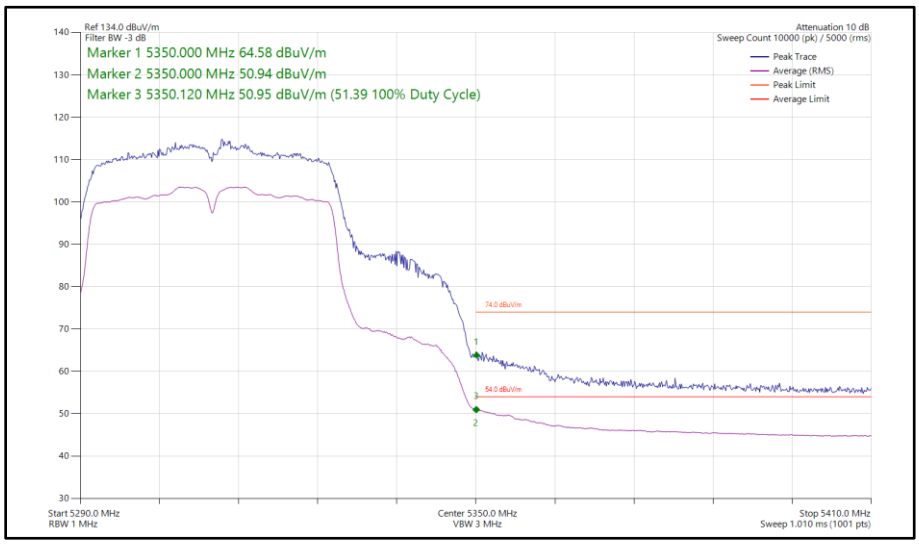

Figure 118 - 802.11n HT40, SISO, Core 1 - 5310 MHz
Band Edge Frequency 5350 MHz

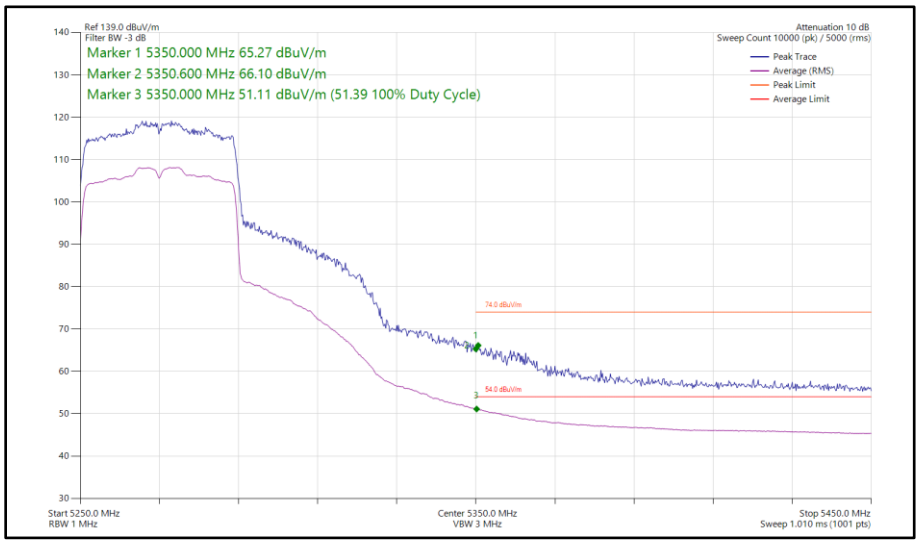

Figure 119 - 802.11ax HE40, SU, SISO, Core 1 - 5270 MHz
Band Edge Frequency 5350 MHz

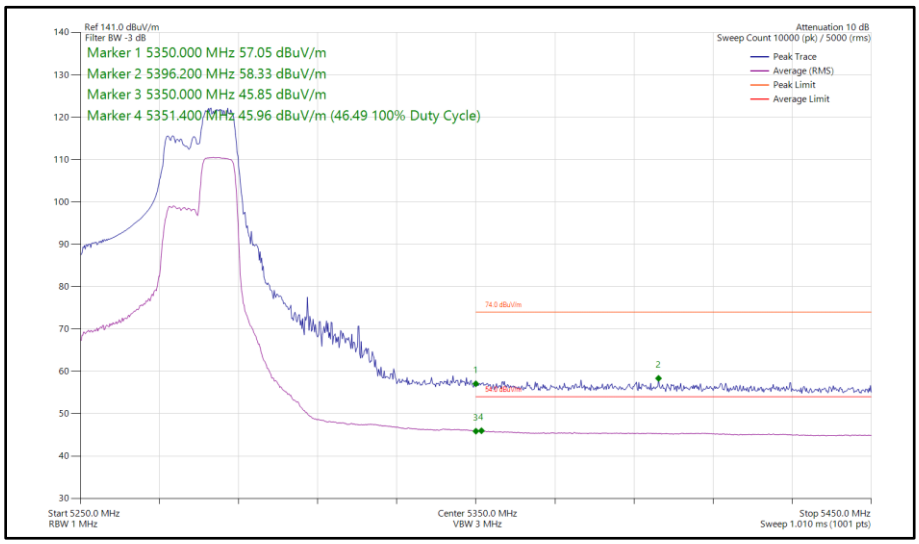

Figure 120 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

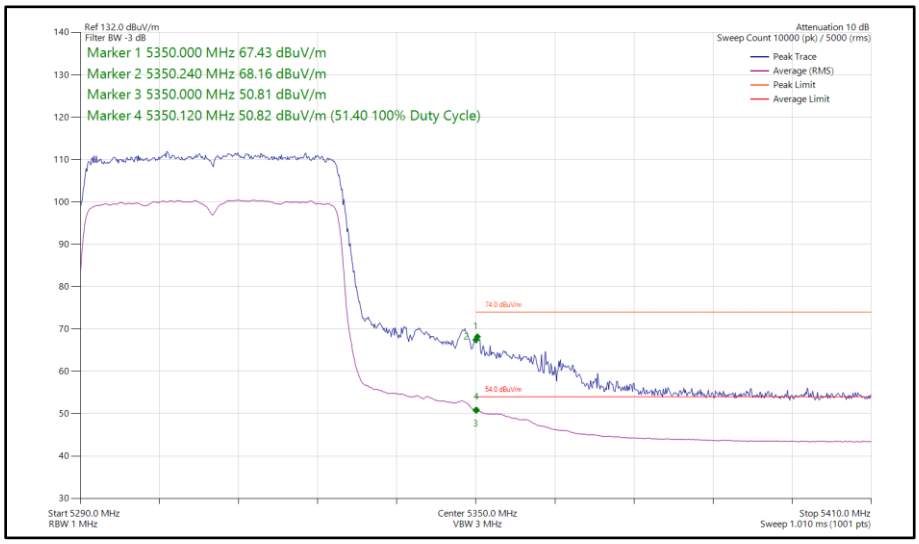

Figure 121 - 802.11ax HE40, SU, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

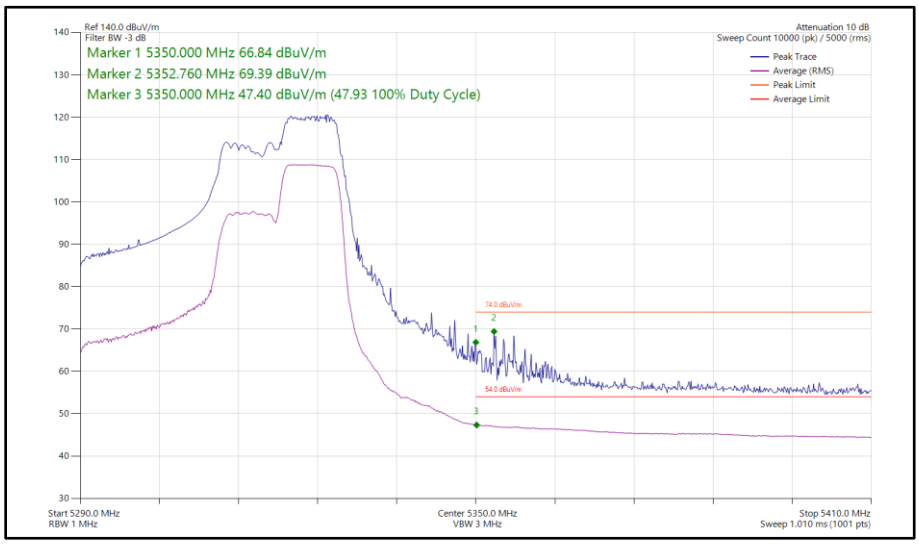

Figure 122 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

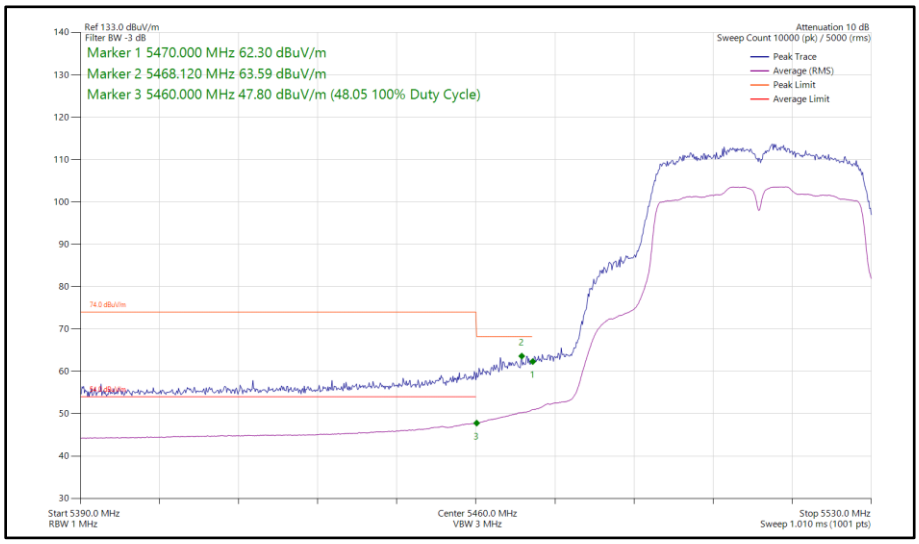

Figure 123 - 802.11n HT40, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz