TUV SUD Limited Digitally signed by TUV SUD Limited Date: 2024.12.20 16:22:32 Z

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 4	-	-	5180	5150	65.19	50.98
802.11ax HE20	MCS 11x2	SU	-	5180	5150	69.32	50.82
802.11ax HE20	MCS 11x2	106	53	5180	5150	65.11	49.32
802.11ax HE20	MCS 11x2	SU	-	5200	5150	67.29	48.93
802.11n HT20	MCS 4	-	-	5320	5350	64.73	51.45
802.11ax HE20	MCS 11x2	SU	-	5300	5350	66.70	50.39
802.11ax HE20	MCS 4x2	SU	-	5320	5350	67.19	51.49
802.11ax HE20	MCS 11x2	106	54	5320	5350	65.52	50.53
802.11n HT20	MCS 7	-	-	5500	5460	63.67	47.72
802.11ax HE20	MCS 11x2	SU	-	5500	5460	63.66	47.35
802.11ax HE20	MCS 11x2	106	53	5500	5460	63.63	48.35
802.11ax HE20	MCS 4x2	SU	-	5520	5460	63.13	47.61
802.11ax HE20	MCS 11x2	SU	-	5540	5460	61.66	47.64

Table 11 - SDM Restricted Band Edge Results

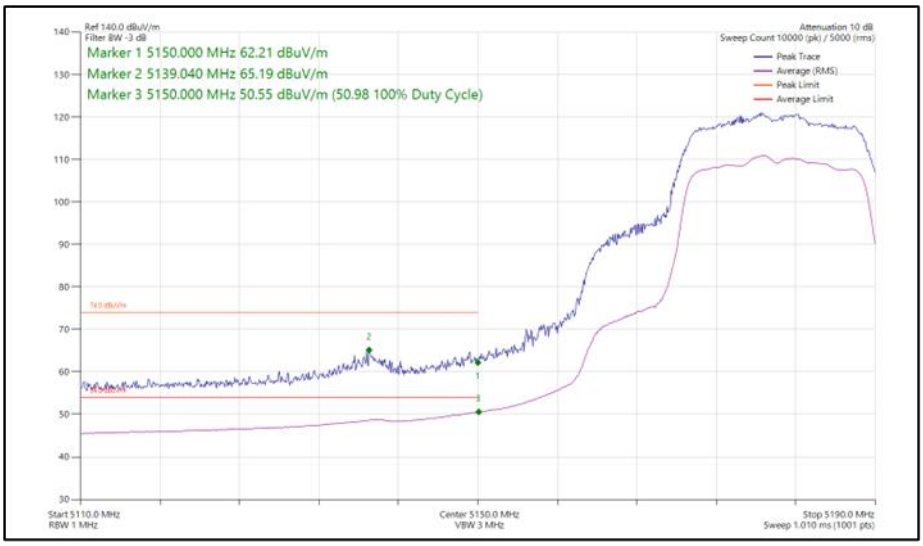

Figure 61 - 802.11n HT20, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

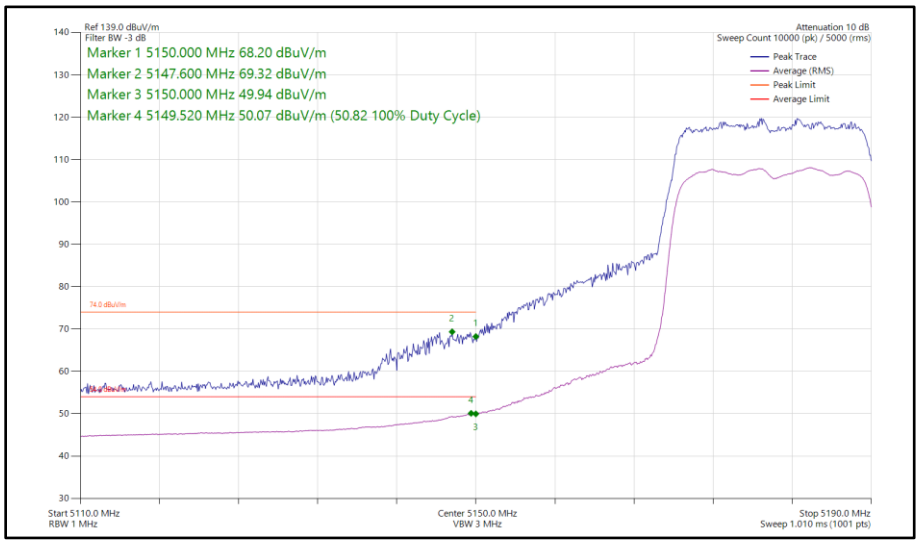

Figure 62 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

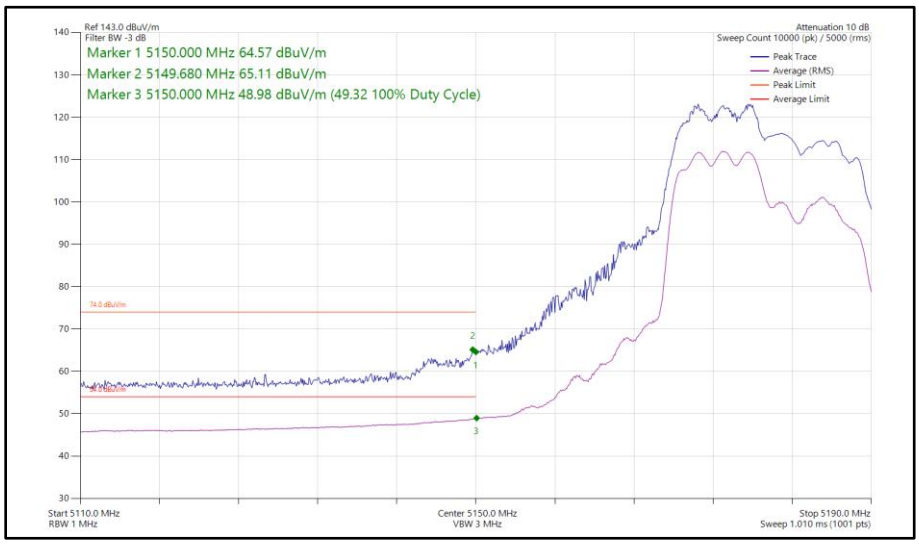

Figure 63 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

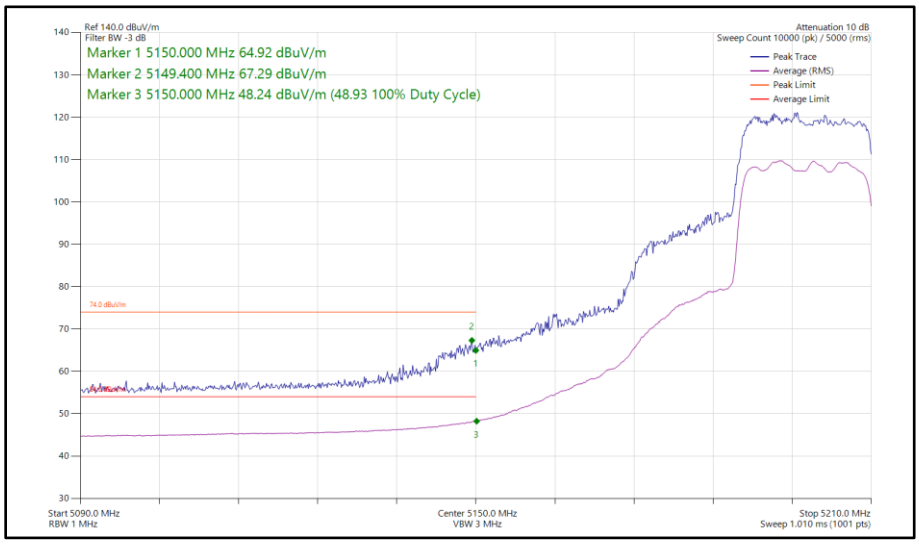

Figure 64 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

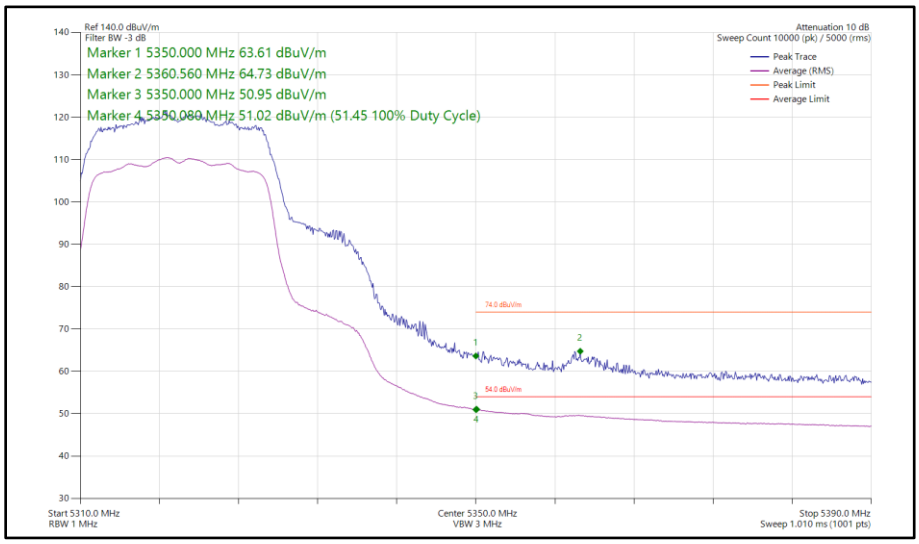

Figure 65 - 802.11n HT20, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

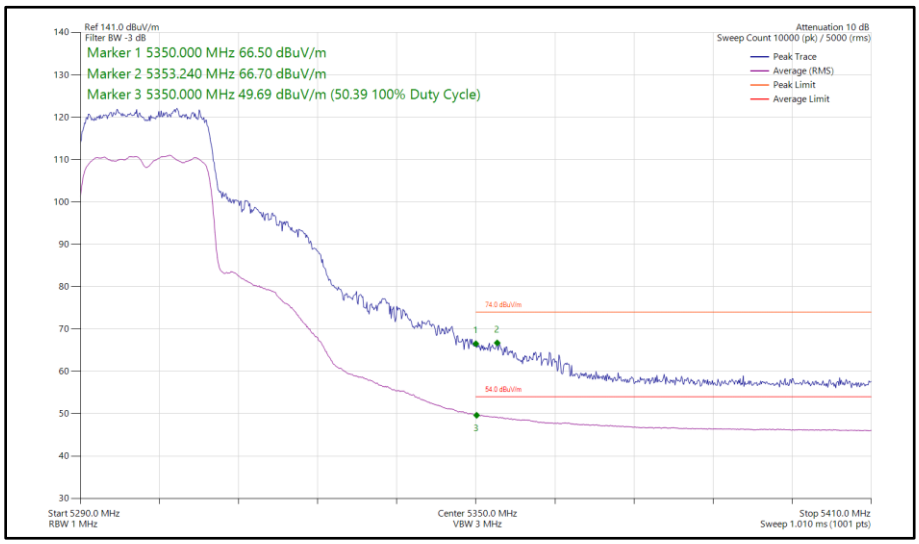

Figure 66 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

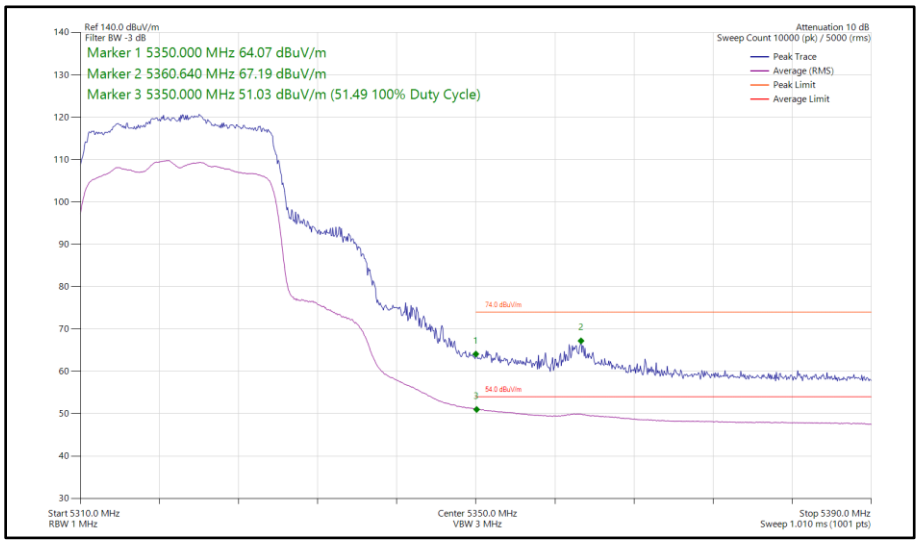

Figure 67 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

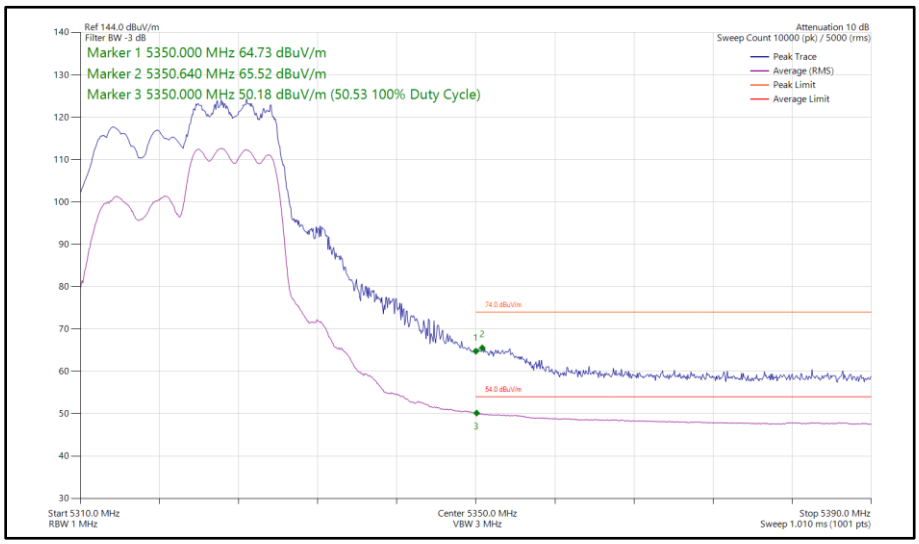

Figure 68 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

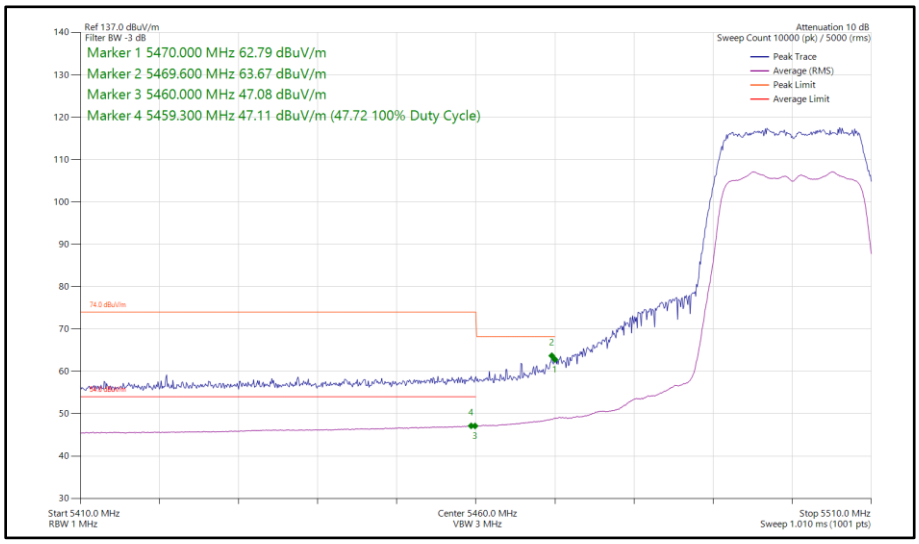

Figure 69 - 802.11n HT20, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

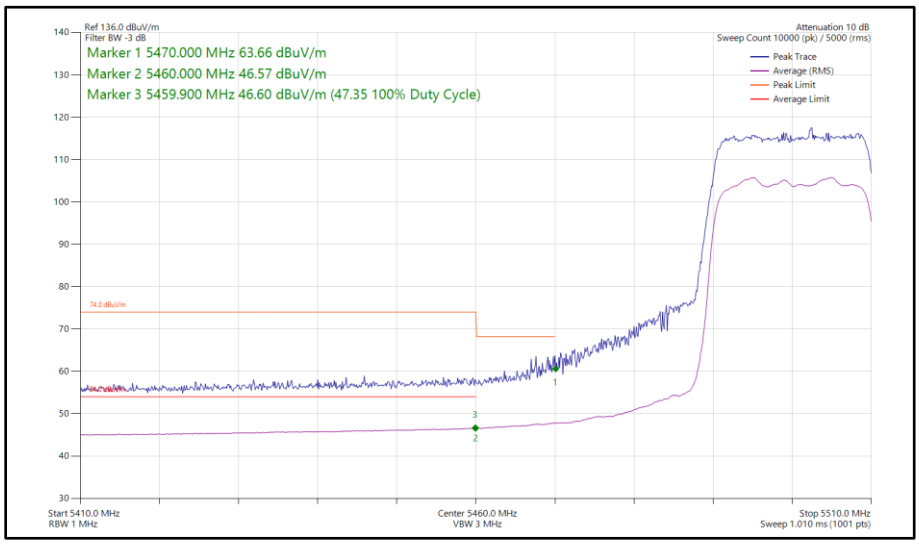

Figure 70 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

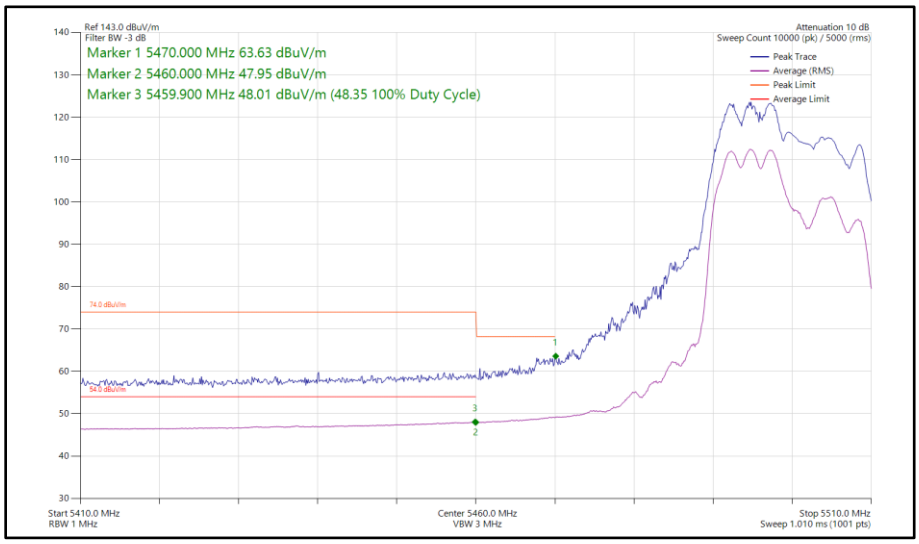

Figure 71 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

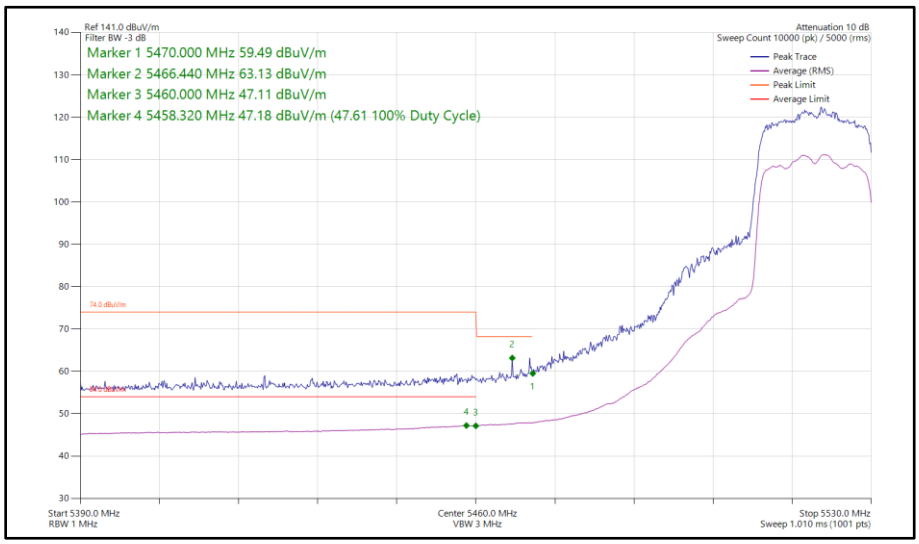

Figure 72 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

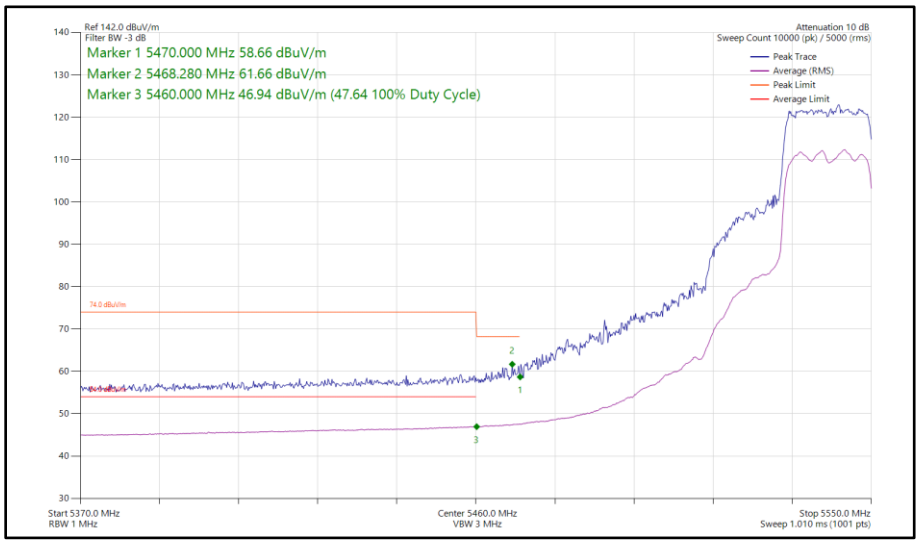

Figure 73 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5540 MHz Band Edge Frequency 5460 MHz

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 4x1	-	-	5180	5150	64.85	51.45
802.11ac VHT20	MCS 4x1	-	-	5320	5350	69.48	49.43
802.11ac VHT20	MCS 2x1	-	-	5500	5460	63.64	48.79

Table 12 - TxBF Restricted Band Edge Results

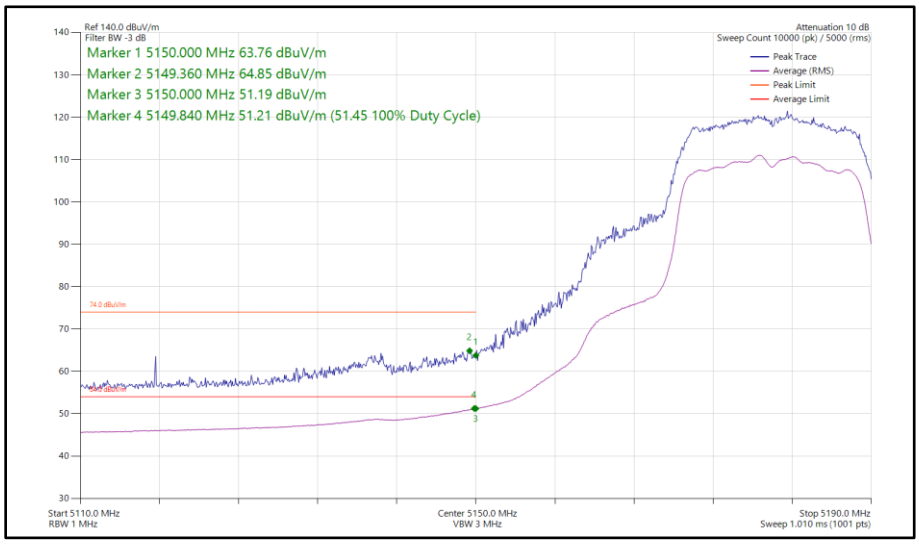

Figure 74 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

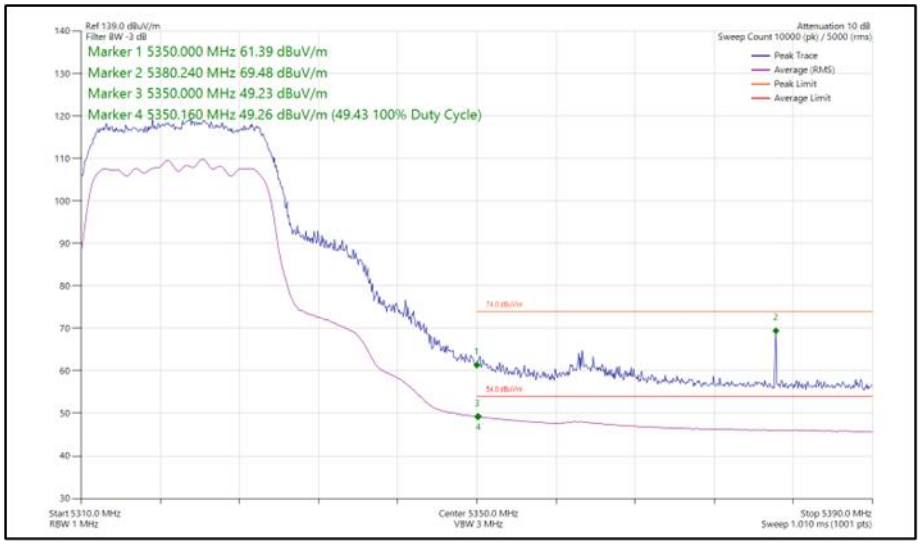

Figure 75 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

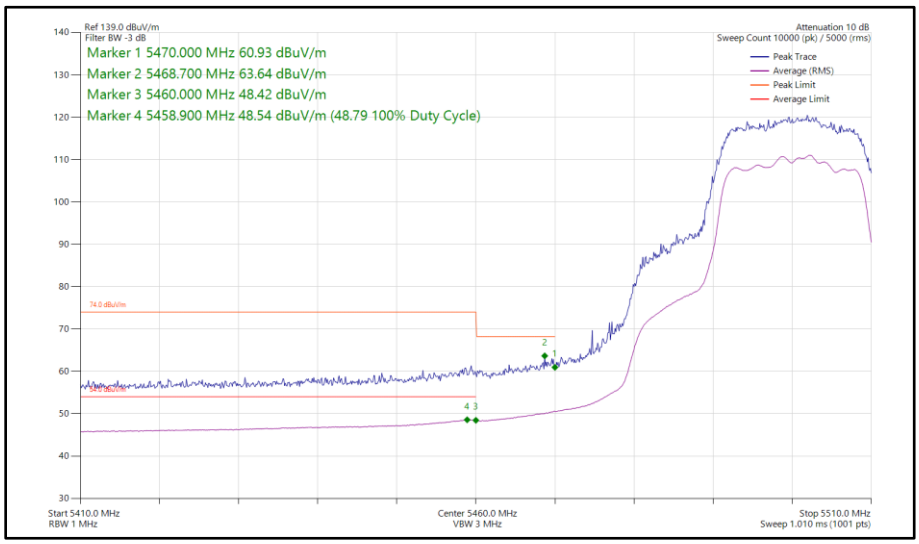

Figure 76 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

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 4	-	-	5190	5150	65.27	51.50
802.11n HT40	MCS 7	-	-	5230	5150	67.56	51.19
802.11ax HE40	MCS 2x1	SU	-	5190	5150	63.53	51.49
802.11ax HE40	MCS 11x1	106	56	5190	5150	60.66	47.46
802.11ax HE40	MCS 4x1	SU	-	5230	5150	66.56	51.26
802.11n HT40	MCS 7	-	-	5270	5350	67.61	51.45
802.11n HT40	MCS 2	-	-	5310	5350	63.52	51.29
802.11ax HE40	MCS 4x1	SU	-	5270	5350	66.72	51.29
802.11ax HE40	MCS 4x1	SU	-	5310	5350	64.78	51.48
802.11ax HE40	MCS 11x1	52	37	5310	5350	69.43	49.60
802.11n HT40	MCS 2	-	-	5510	5460	63.45	49.54
802.11n HT40	MCS 7	-	-	5550	5460	63.64	47.30
802.11ax HE40	MCS 4x1	SU	-	5510	5460	63.55	49.26
802.11ax HE40	MCS 11x1	106	53	5510	5460	63.01	46.86
802.11ax HE40	MCS 11x1	SU	-	5550	5460	63.56	46.88

Table 13 - SISO Restricted Band Edge Results

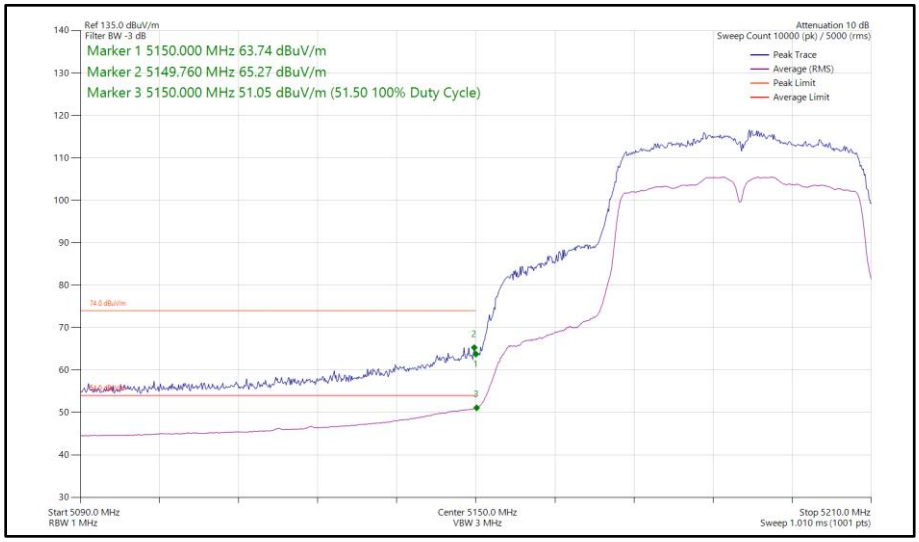

Figure 77 - 802.11n HT40, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

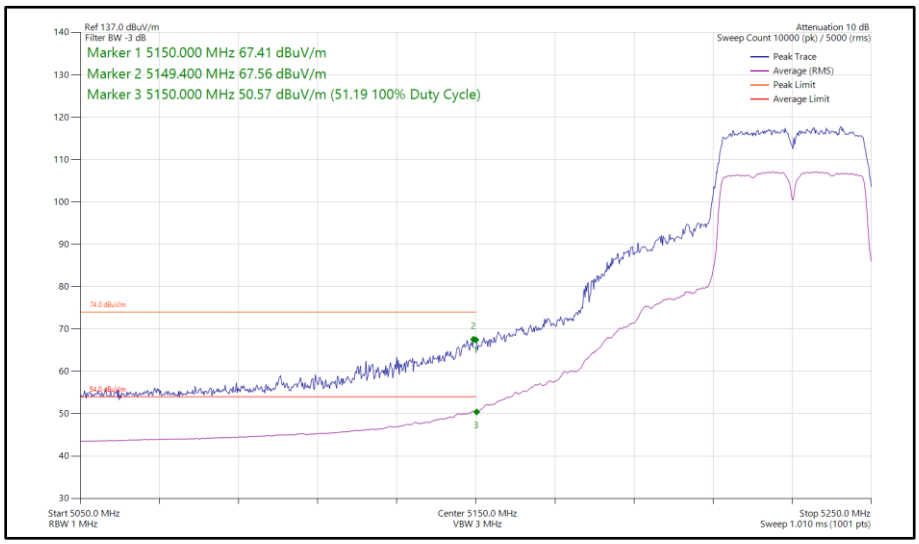

Figure 78 - 802.11n HT40, SISO, Core 0 - 5230 MHz
Band Edge Frequency 5150 MHz

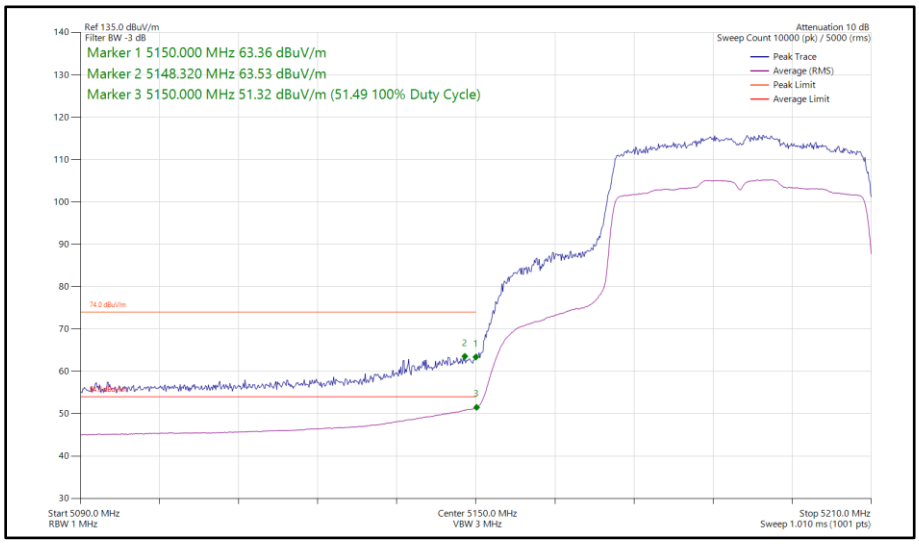

Figure 79 - 802.11ax HE40, SU, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

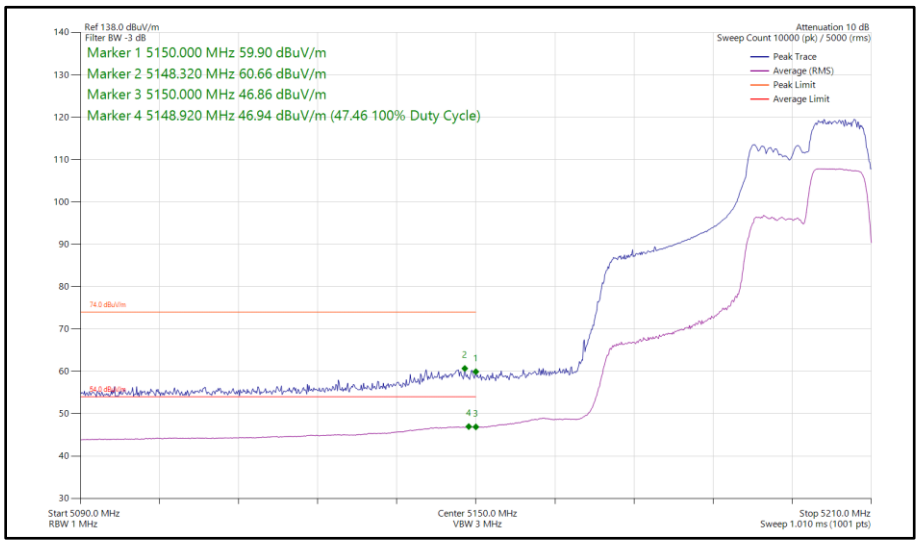

Figure 80 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

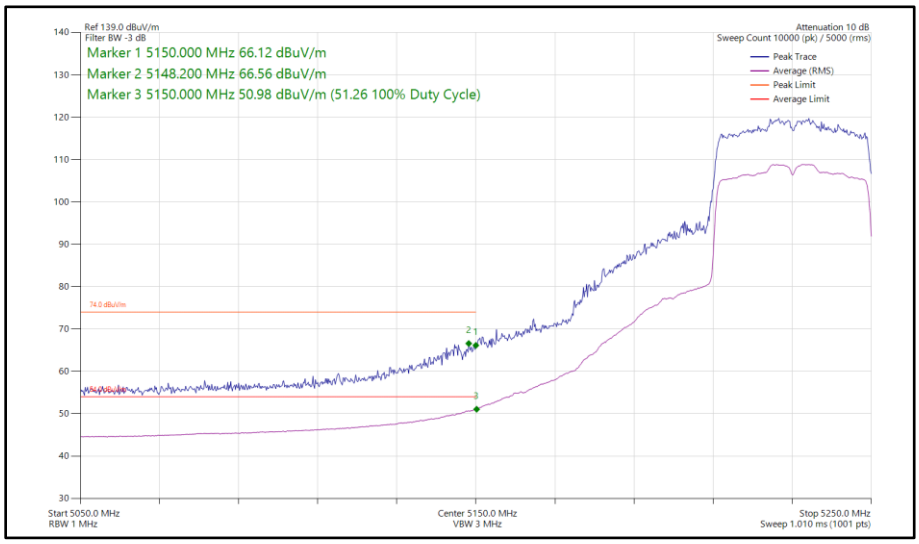

Figure 81 - 802.11ax HE40, SU, SISO, Core 0 - 5230 MHz
Band Edge Frequency 5150 MHz

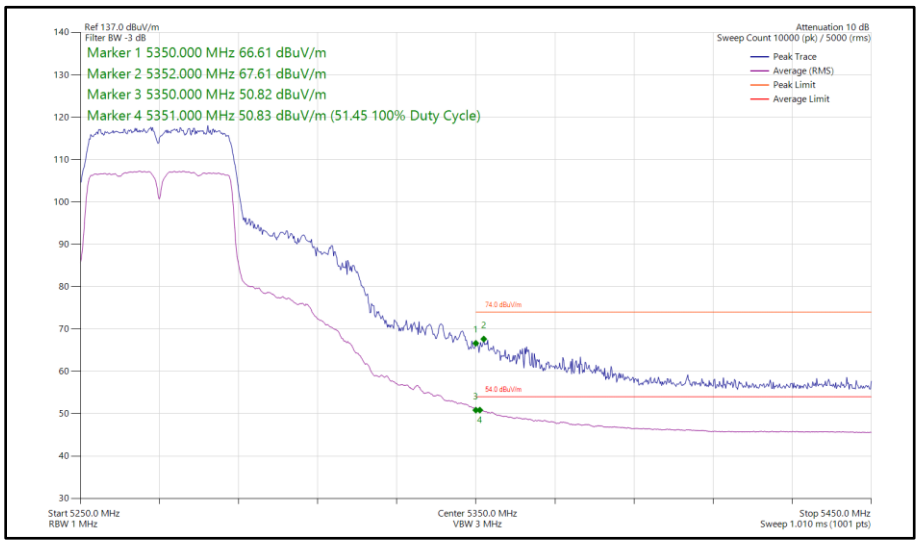

Figure 82 - 802.11n HT40, SISO, Core 0 - 5270 MHz
Band Edge Frequency 5350 MHz

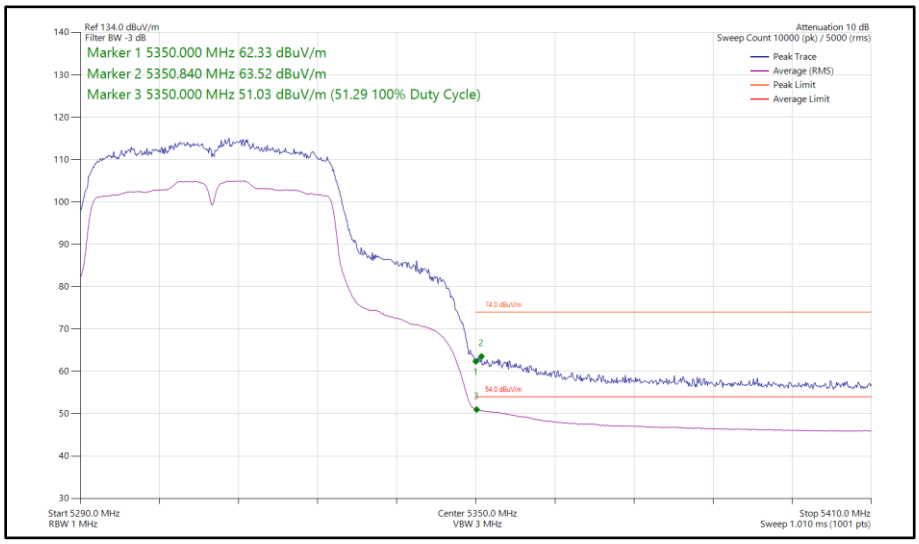

Figure 83 - 802.11n HT40, SISO, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

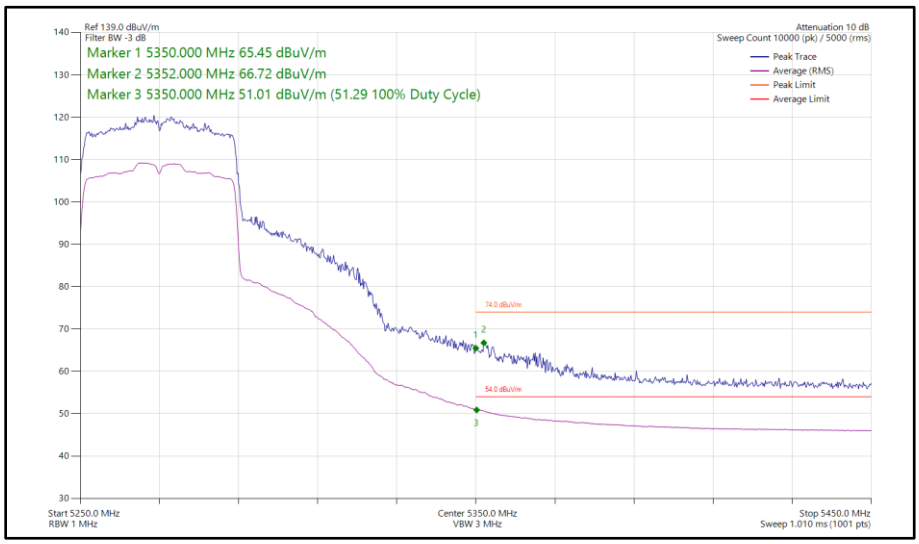

Figure 84 - 802.11ax HE40, SU, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

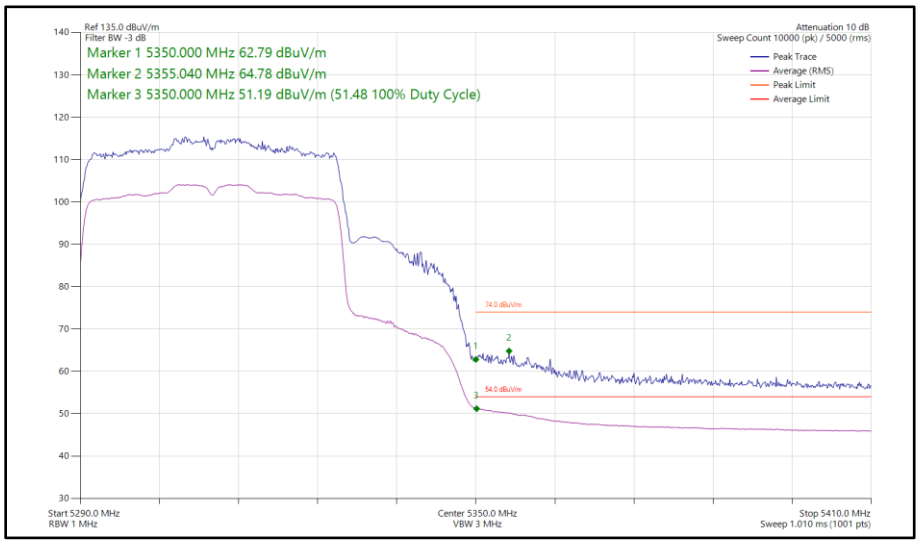

Figure 85 - 802.11ax HE40, SU, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

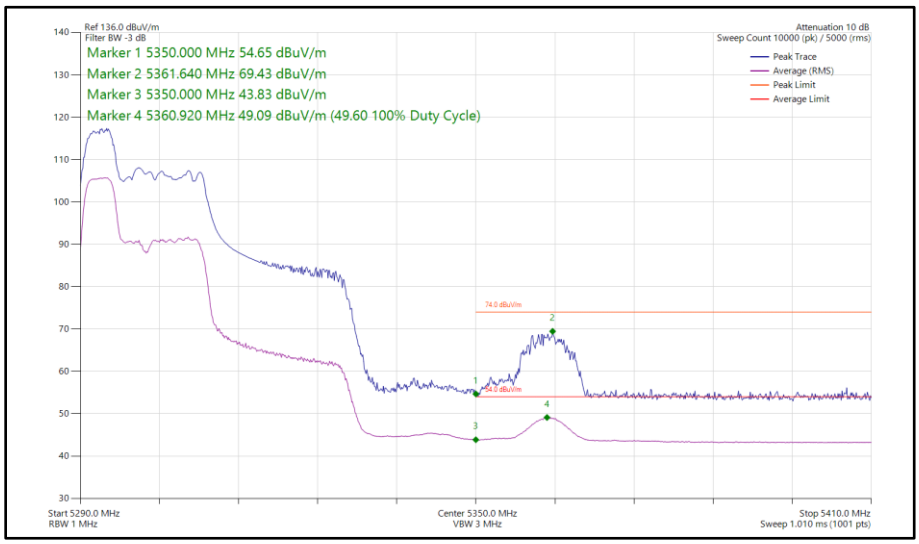

Figure 86 - 802.11ax HE40, RU 52-37, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

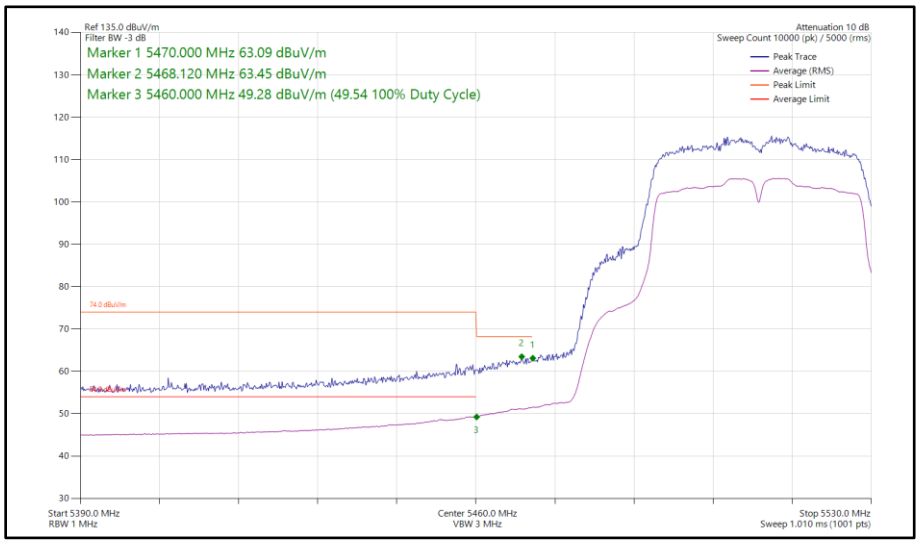

Figure 87 - 802.11n HT40, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

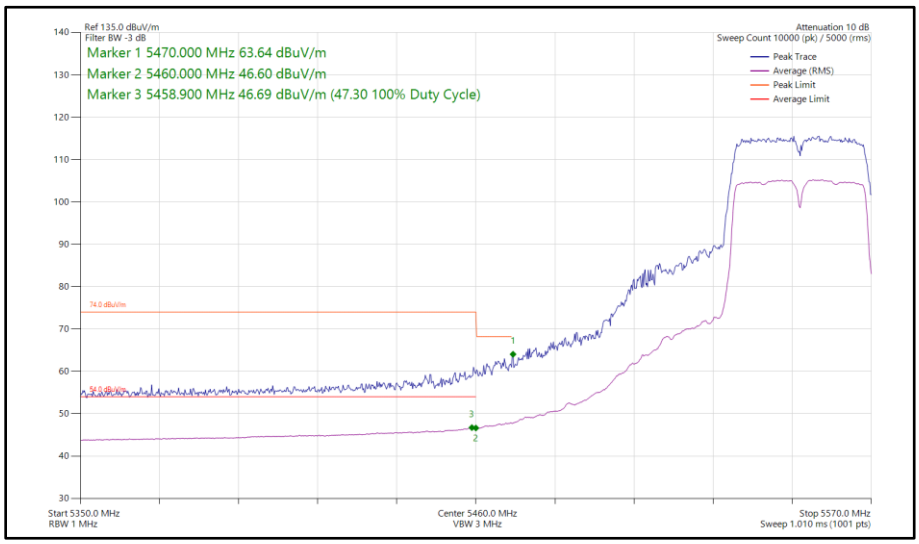

Figure 88 - 802.11n HT40, SISO, Core 0 - 5550 MHz
Band Edge Frequency 5460 MHz

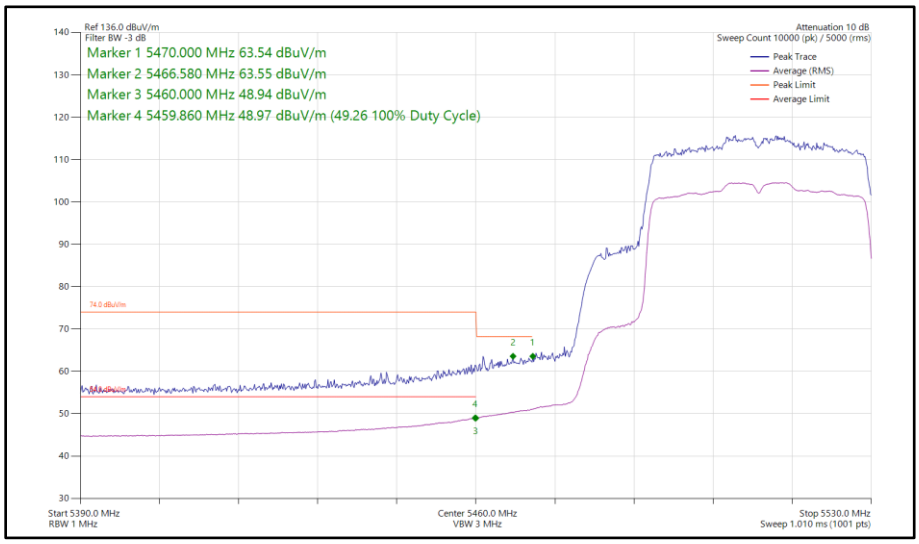

Figure 89 - 802.11ax HE40, SU, SISO, Core 0 - 5510 MHz
Band Edge Frequency 5460 MHz

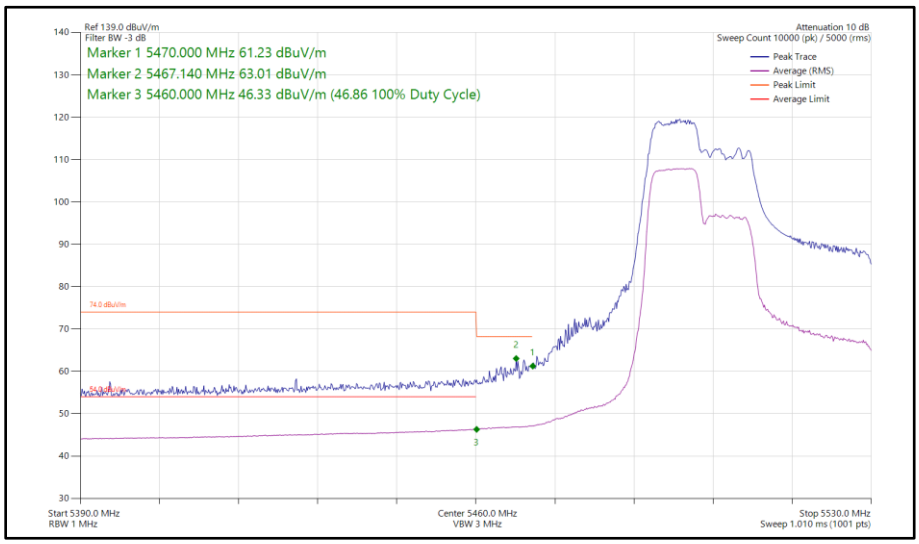

Figure 90 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

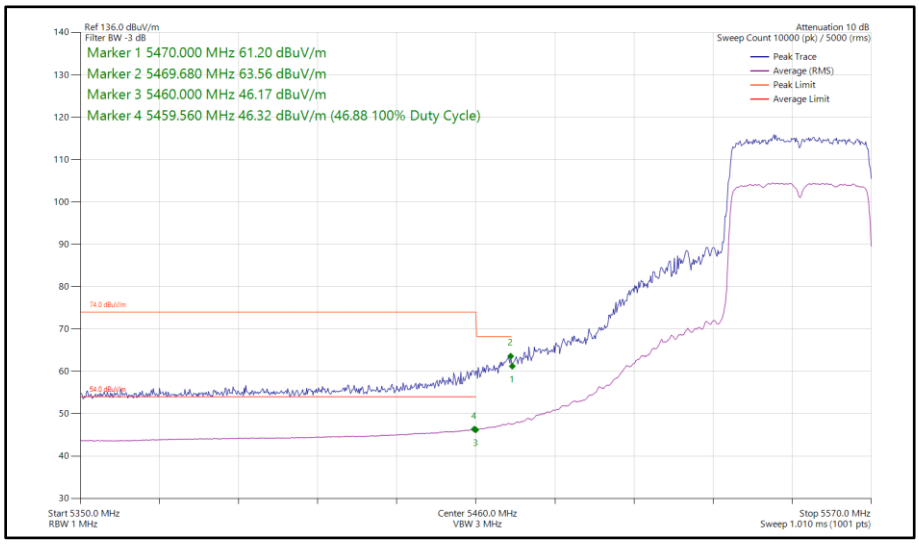

Figure 91 - 802.11ax HE40, SU, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

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	65.67	51.42
802.11n HT40	MCS 7	-	-	5230	5150	66.73	50.86
802.11ax HE40	MCS 4x1	SU	-	5190	5150	63.42	51.23
802.11ax HE40	MCS 11x1	106	56	5190	5150	62.18	47.56
802.11ax HE40	MCS 11x1	SU	-	5230	5150	67.64	51.33
802.11n HT40	MCS 7	-	-	5270	5350	67.18	50.20
802.11n HT40	MCS 2	-	-	5310	5350	63.42	51.44
802.11ax HE40	MCS 11x1	SU	-	5270	5350	68.10	50.76
802.11ax HE40	MCS 4x1	SU	-	5310	5350	63.57	51.17
802.11ax HE40	MCS 11x1	106	53	5310	5350	68.47	49.93
802.11n HT40	MCS 4	-	-	5510	5460	63.53	49.82
802.11n HT40	MCS 4	-	-	5550	5460	63.35	47.14
802.11ax HE40	MCS 4x1	SU	-	5510	5460	63.53	49.37
802.11ax HE40	MCS 11x1	106	56	5510	5460	60.42	46.13
802.11ax HE40	MCS 11x1	SU	-	5550	5460	63.36	46.54

Table 14 - SISO Restricted Band Edge Results

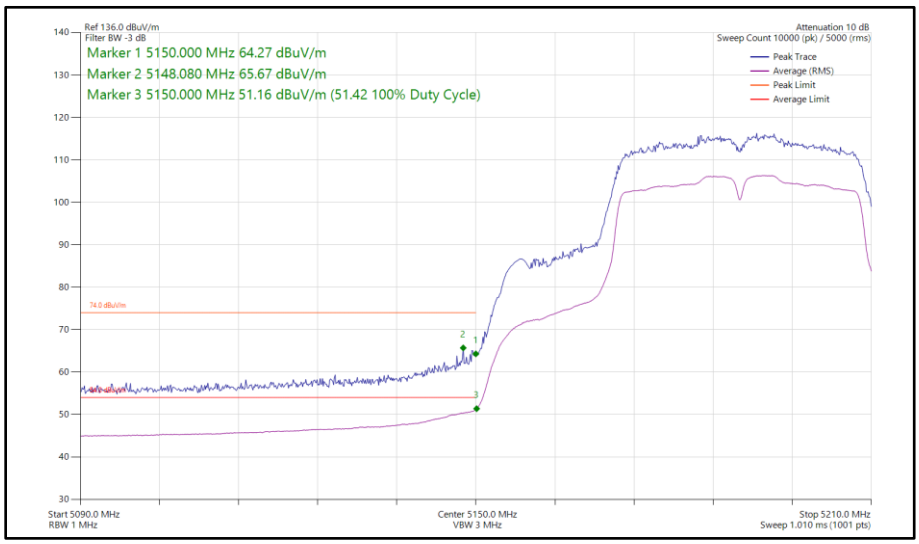

Figure 92 - 802.11n HT40, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

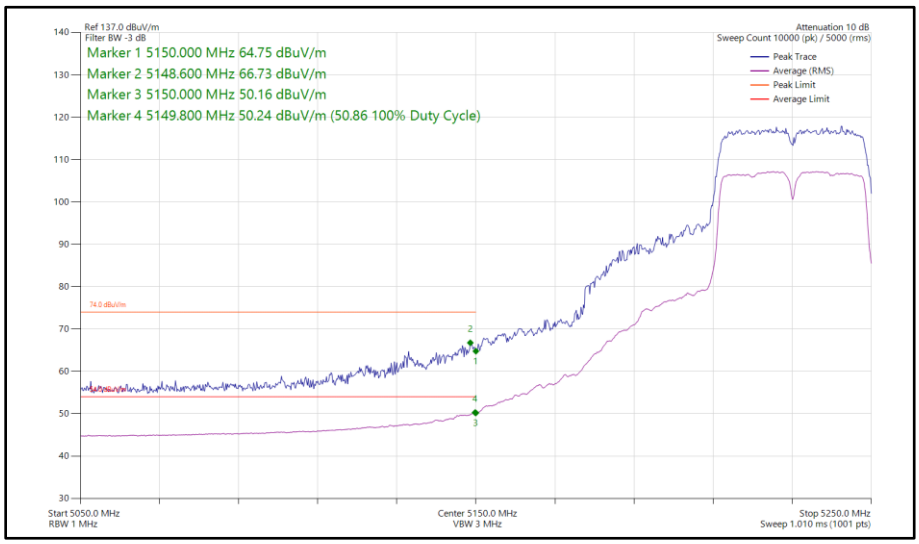

Figure 93 - 802.11n HT40, SISO, Core 1 - 5230 MHz
Band Edge Frequency 5150 MHz

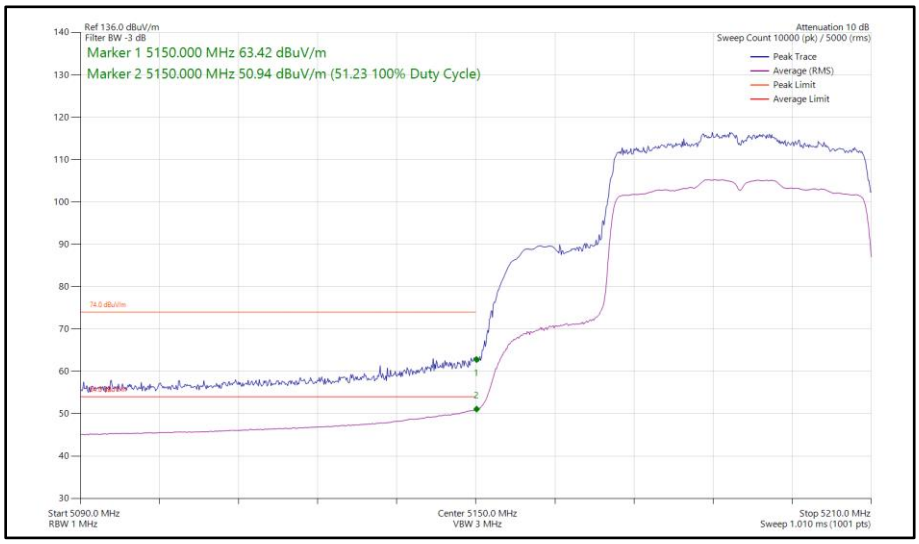

Figure 94 - 802.11ax HE40, SU, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

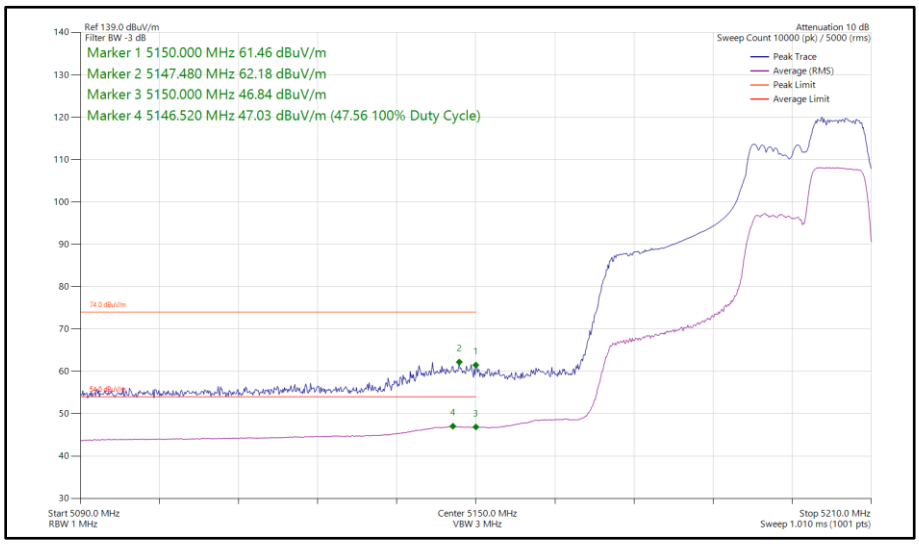

Figure 95 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

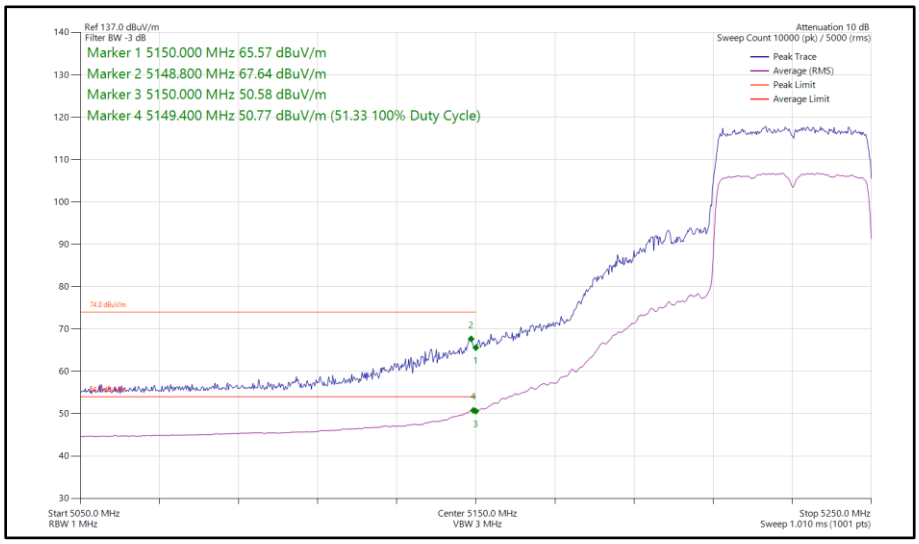

Figure 96 - 802.11ax HE40, SU, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

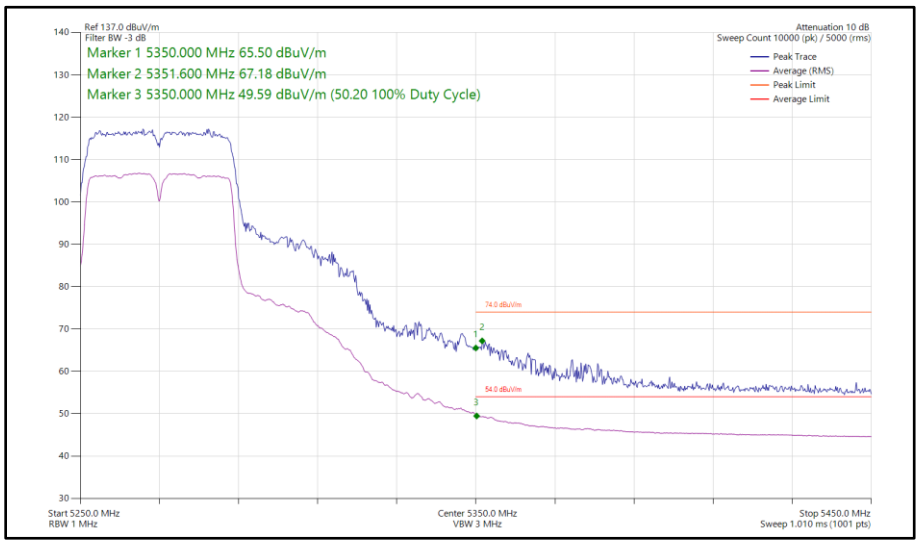

Figure 97 - 802.11n HT40, SISO, Core 1 - 5270 MHz
Band Edge Frequency 5350 MHz

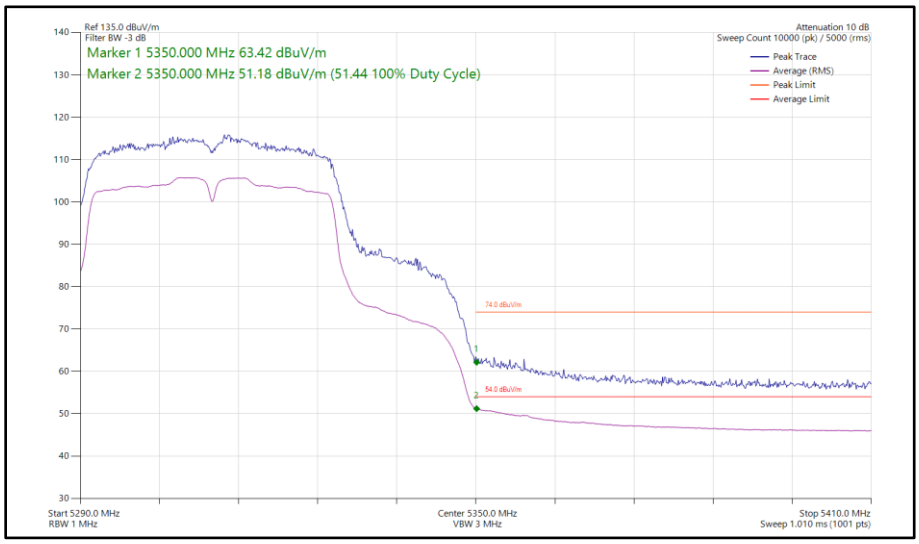

Figure 98 - 802.11n HT40, SISO, Core 1 - 5310 MHz
Band Edge Frequency 5350 MHz

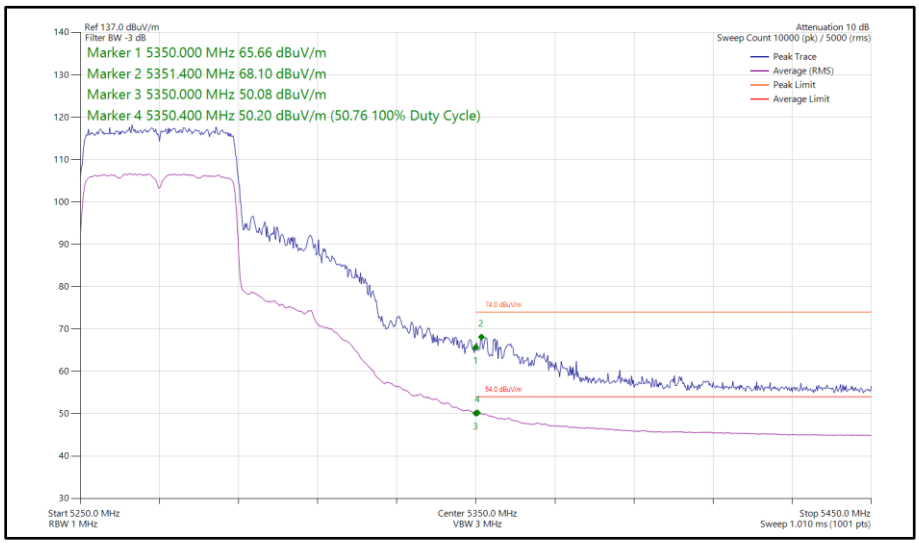

Figure 99 - 802.11ax HE40, SU, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

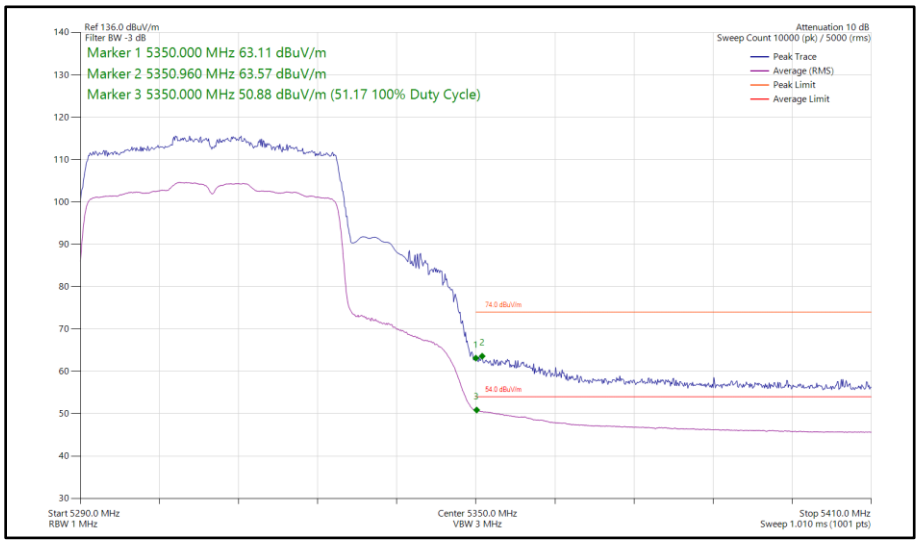

Figure 100 - 802.11ax HE40, SU, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

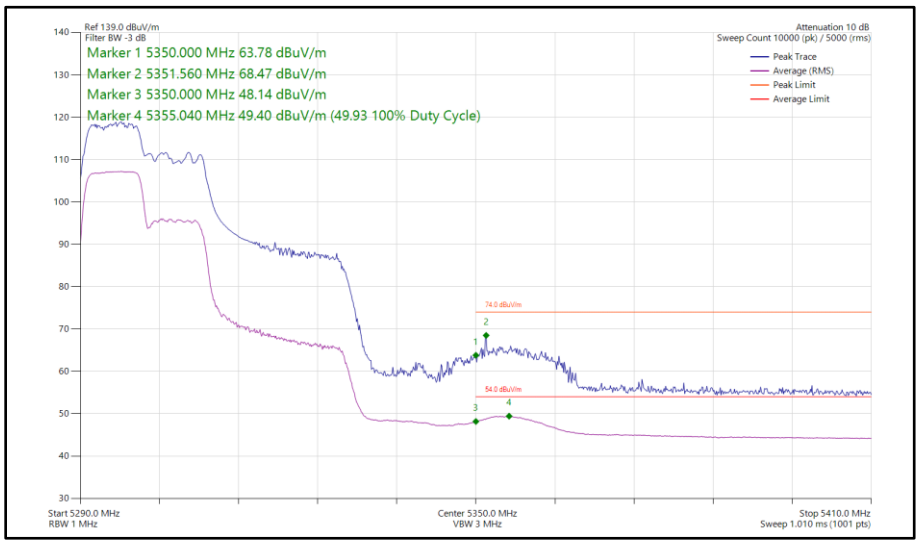

Figure 101 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

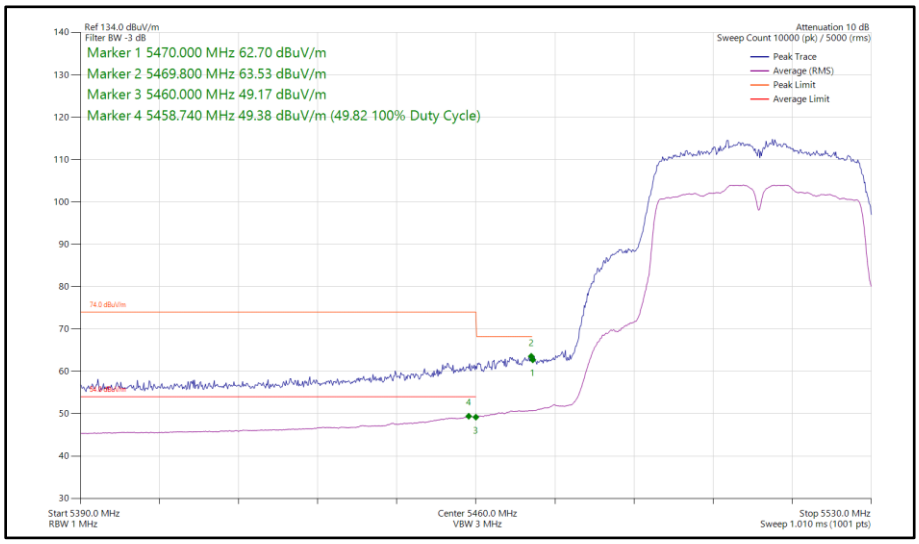

Figure 102 - 802.11n HT40, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

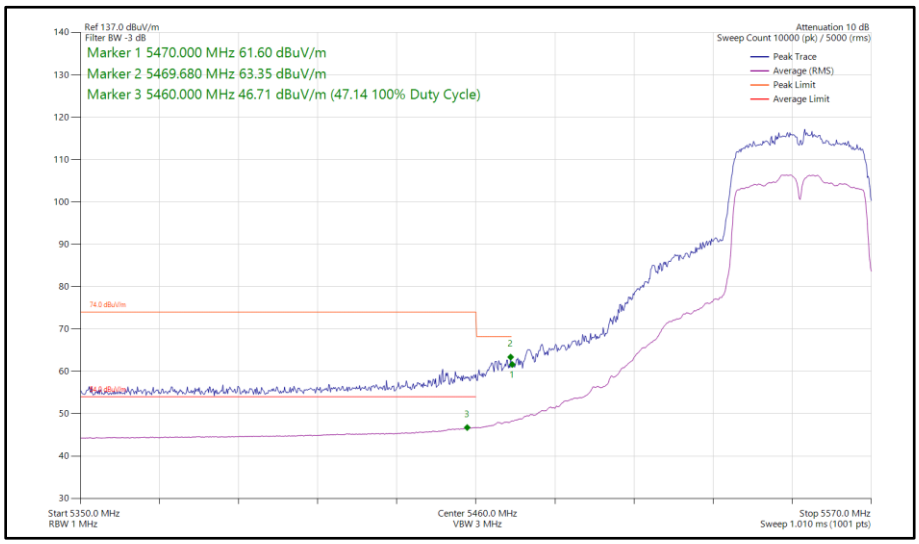

Figure 103 - 802.11n HT40, SISO, Core 1 - 5550 MHz
Band Edge Frequency 5460 MHz

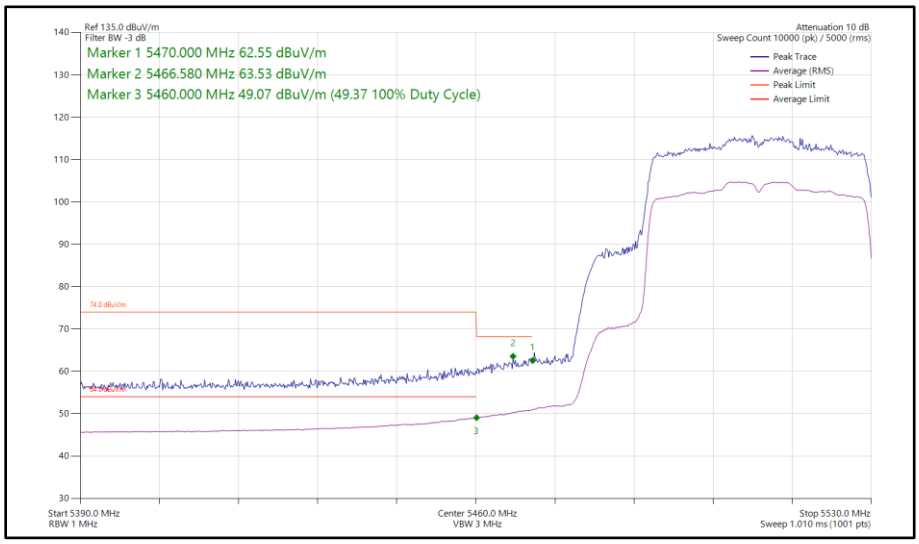

Figure 104 - 802.11ax HE40, SU, SISO, Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz

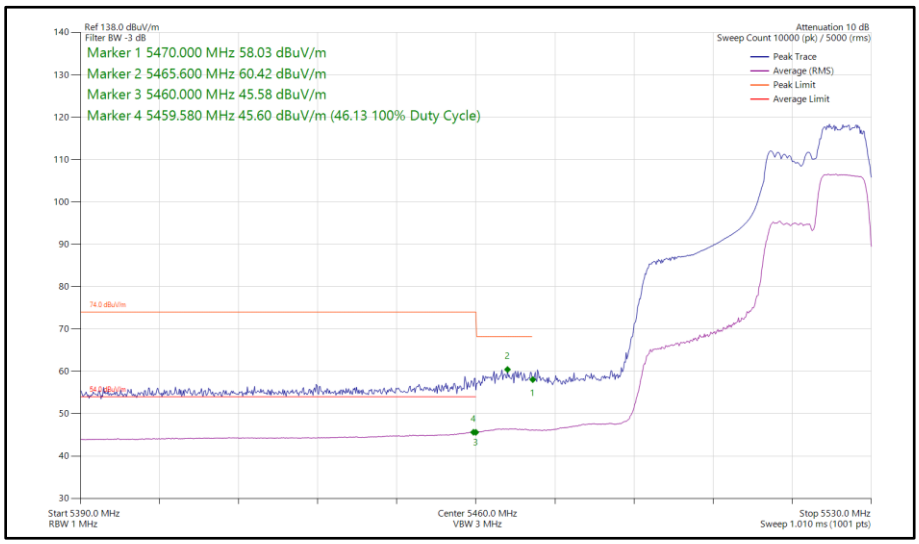

Figure 105 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

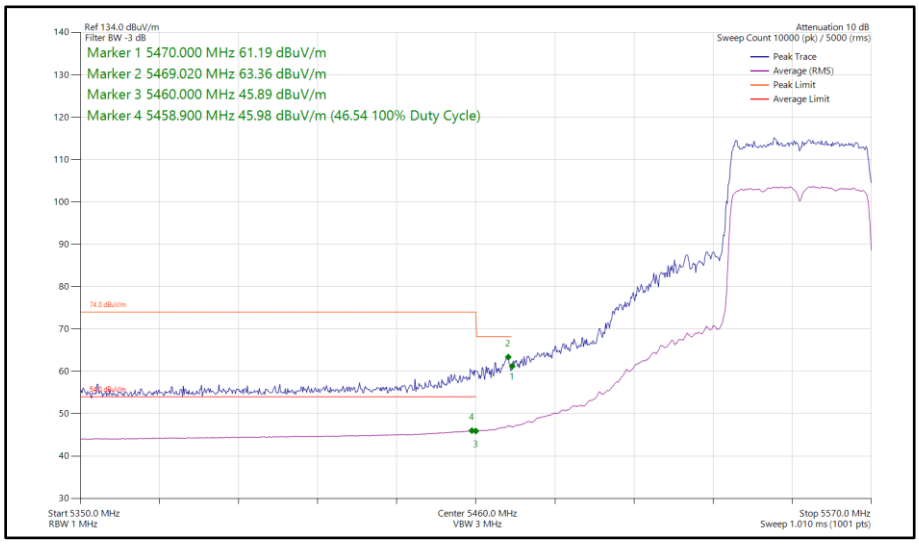

Figure 106 - 802.11ax HE40, SU, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

40 MHz Bandwidth - Core 0 - Core 1 (CDD)

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	69.25	51.46
802.11n HT40	MCS 7	-	-	5230	5150	68.35	50.94
802.11ax HE40	MCS 4x1	SU	-	5190	5150	64.15	51.44
802.11ax HE40	MCS 11x1	106	56	5190	5150	63.01	47.65
802.11ax HE40	MCS 4x1	SU	-	5230	5150	66.21	51.09
802.11n HT40	MCS 7	-	-	5270	5350	67.42	51.11
802.11n HT40	MCS 2	-	-	5310	5350	62.93	51.34
802.11ax HE40	MCS 11x1	SU	-	5270	5350	67.68	51.22
802.11ax HE40	MCS 4x1	SU	-	5310	5350	63.91	51.42
802.11ax HE40	MCS 11x1	106	53	5310	5350	68.10	51.48
802.11n HT40	MCS 4	-	-	5510	5460	63.60	49.42
802.11n HT40	MCS 4	-	-	5550	5460	63.45	47.35
802.11n HT40	MCS 7	-	-	5590	5460	61.78	47.86
802.11ax HE40	MCS 4x1	SU	-	5510	5460	63.54	48.60
802.11ax HE40	MCS 11x1	106	53	5510	5460	63.04	47.89
802.11ax HE40	MCS 2x1	SU	-	5550	5460	63.60	47.75
802.11ax HE40	MCS 11x1	SU	-	5590	5460	61.98	47.62

Table 15 - CDD Restricted Band Edge Results

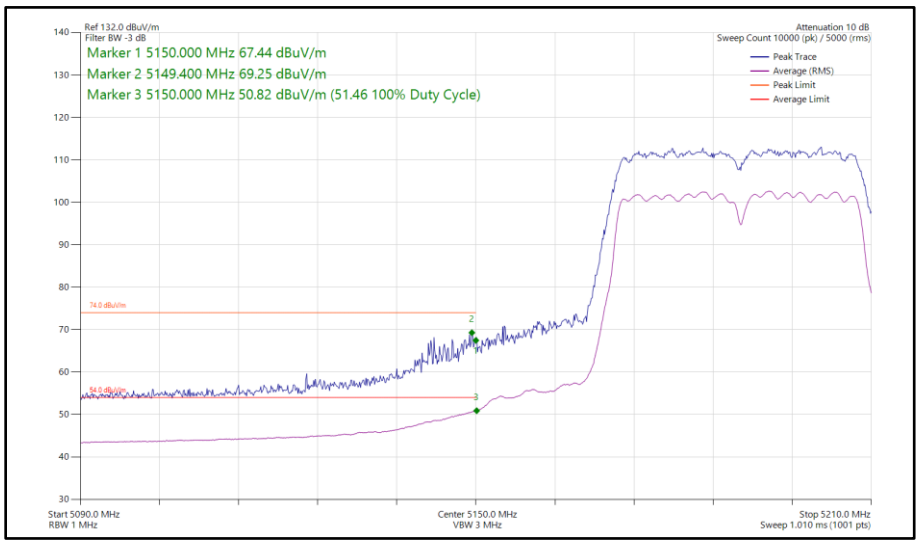

Figure 107 - 802.11n HT40, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

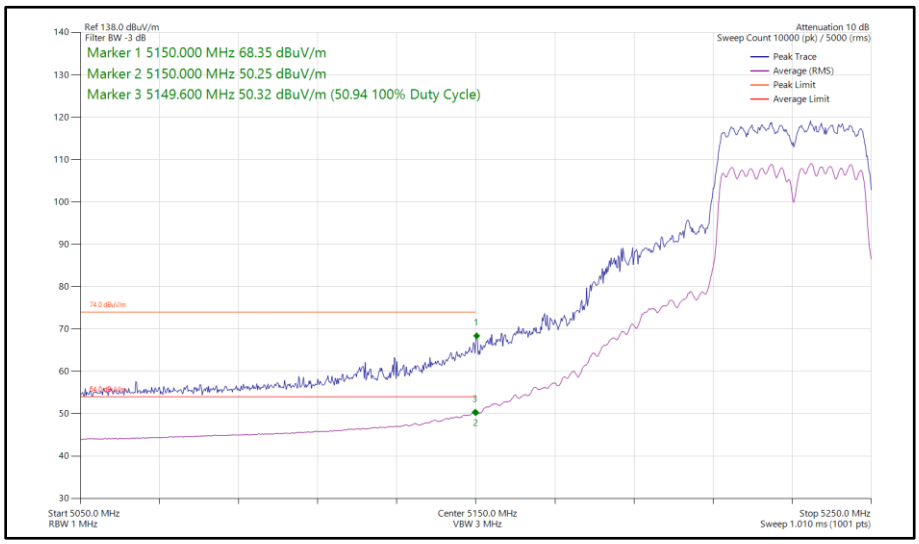

Figure 108 - 802.11n HT40, CDD, Core 0 - Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

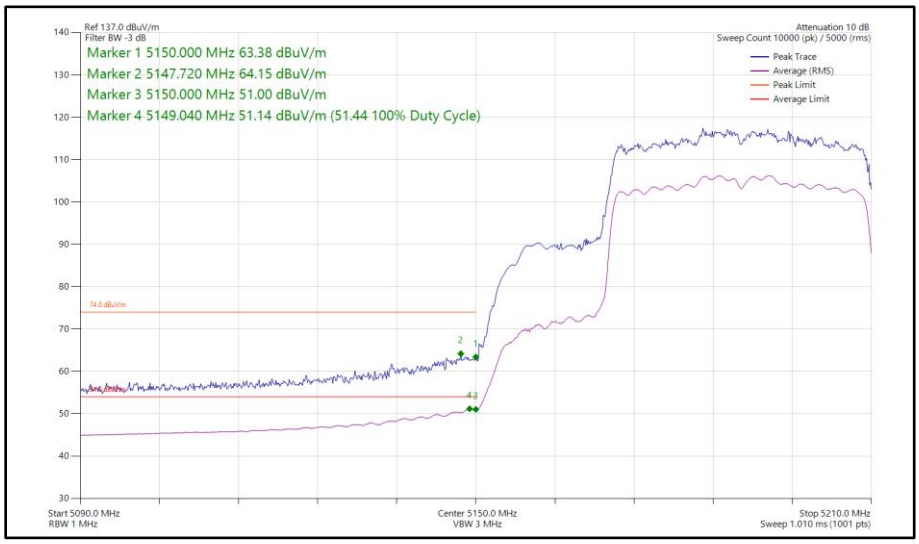

Figure 109 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

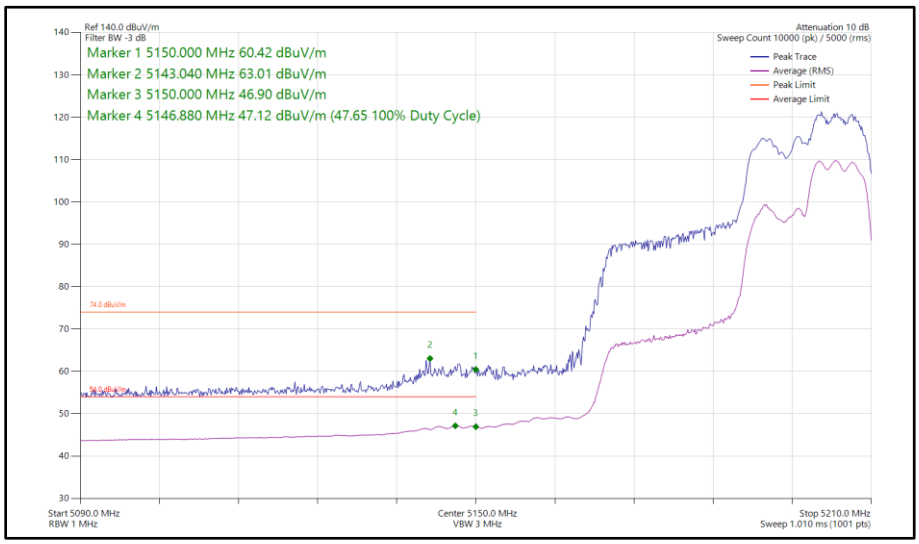

Figure 110 - 802.11ax HE40, RU 106-56, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

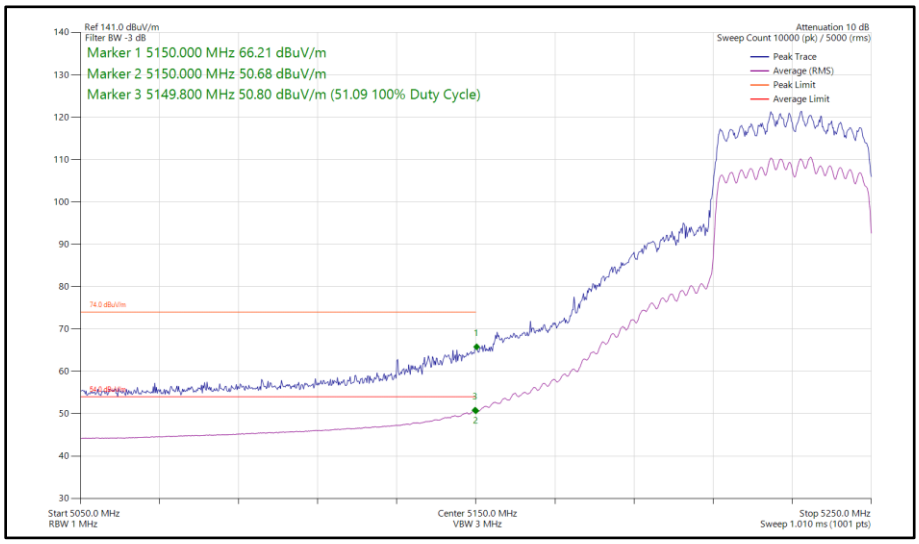

Figure 111 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

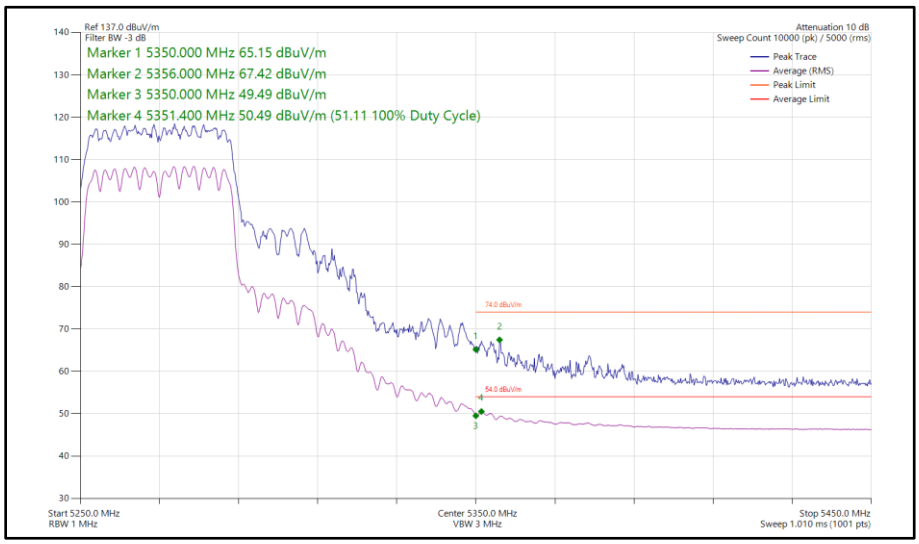

Figure 112 - 802.11n HT40, CDD, Core 0 - Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

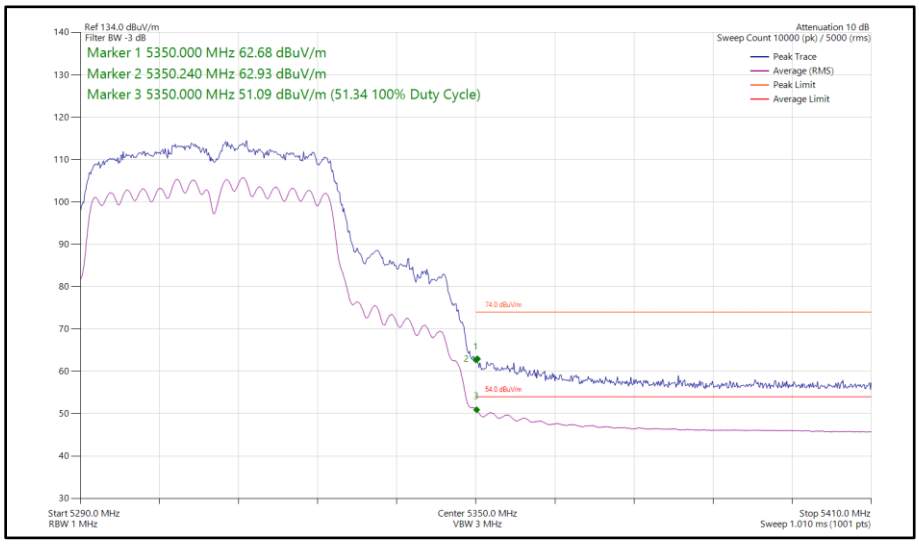

Figure 113 - 802.11n HT40, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

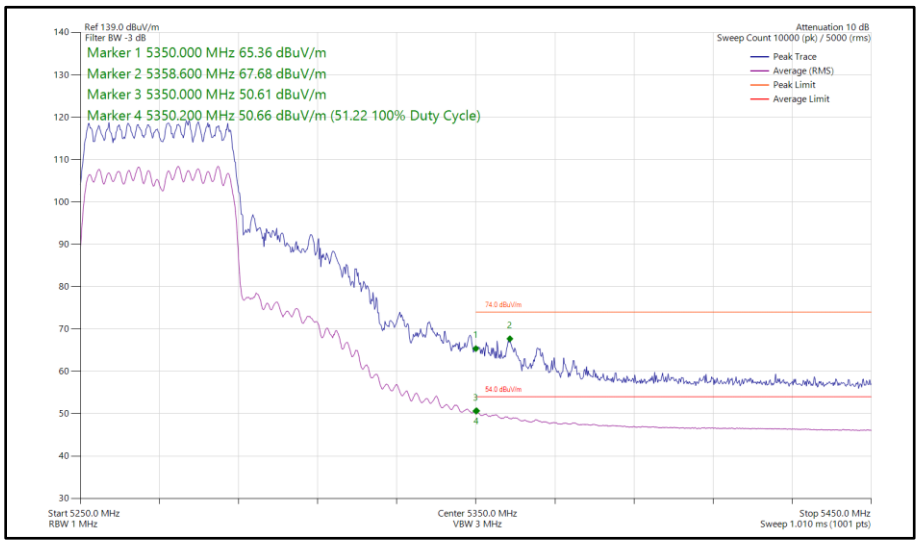

Figure 114 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

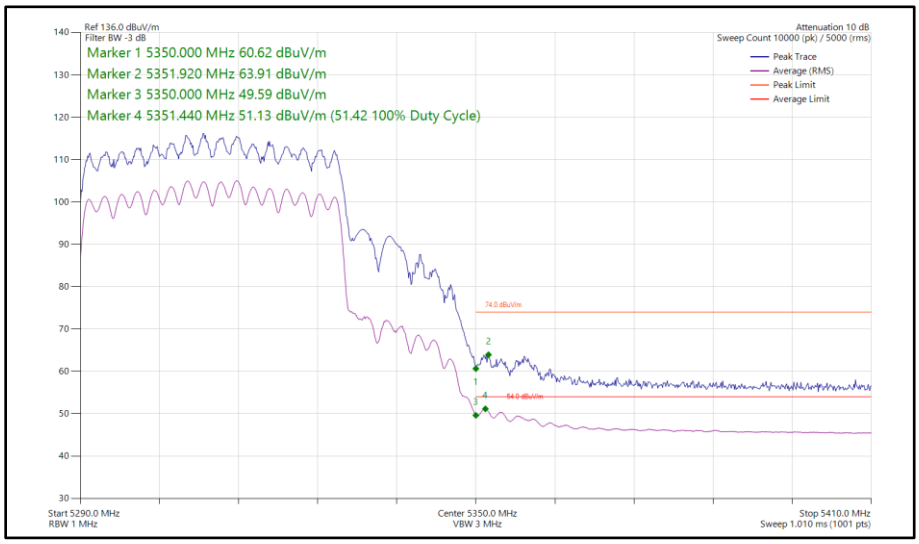

Figure 115 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

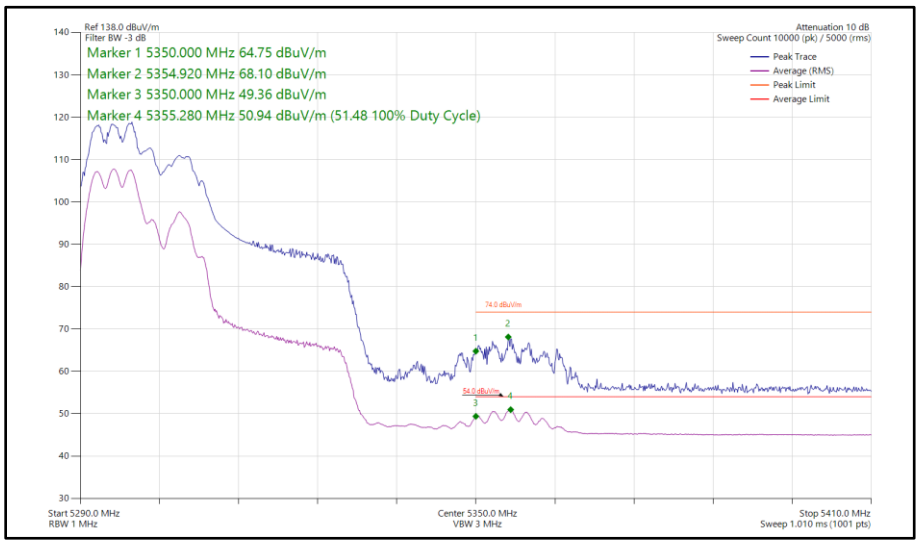

Figure 116 - 802.11ax HE40, RU 106-53, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

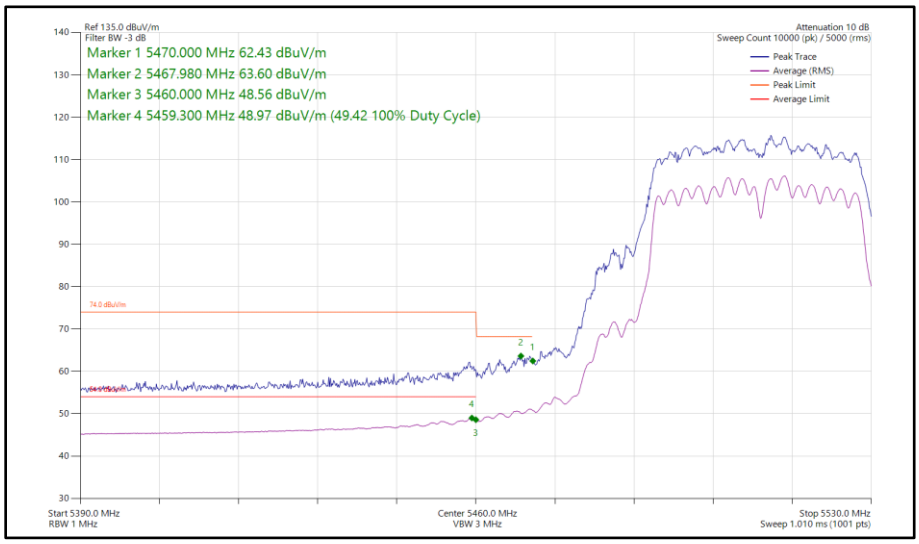

Figure 117 - 802.11n HT40, CDD, Core 0 - Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

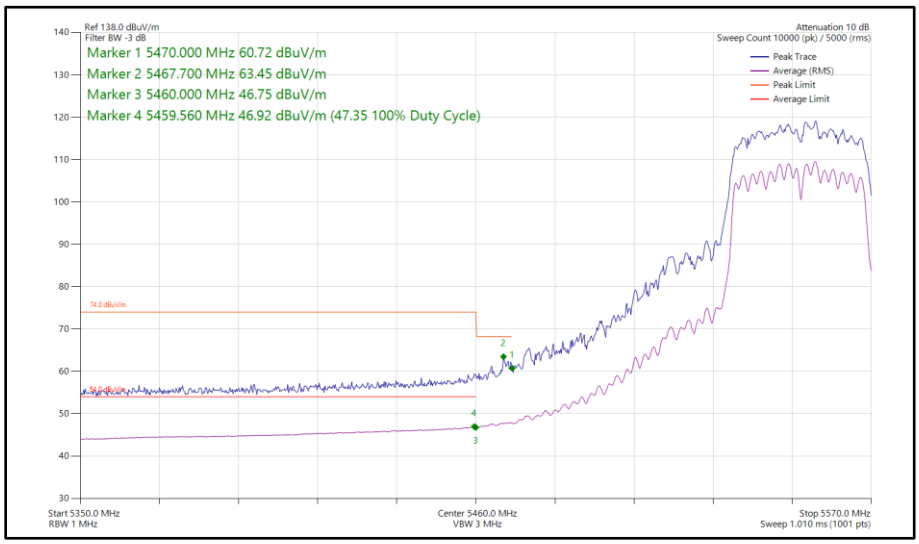

Figure 118 - 802.11n HT40, CDD, Core 0 - Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

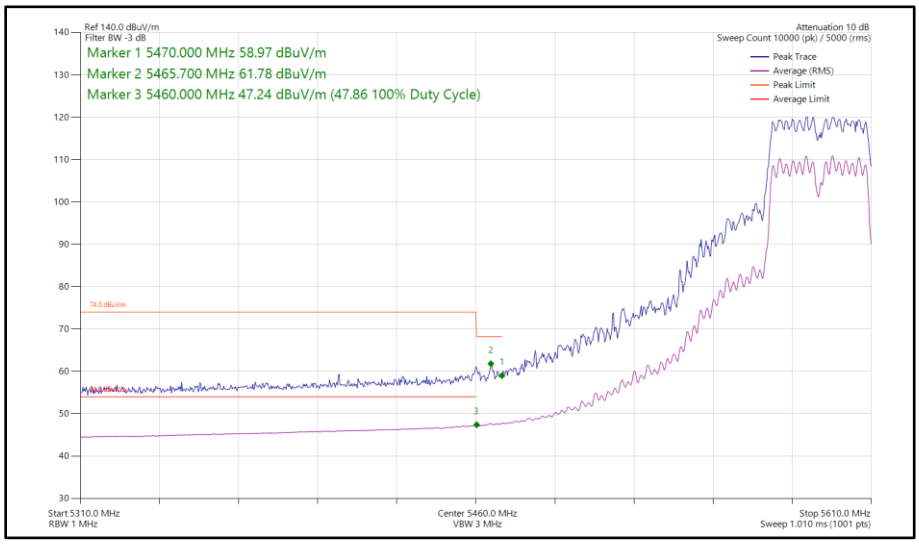

Figure 119 - 802.11n HT40, CDD, Core 0 - Core 1 - 5590 MHz Band Edge Frequency 5460 MHz

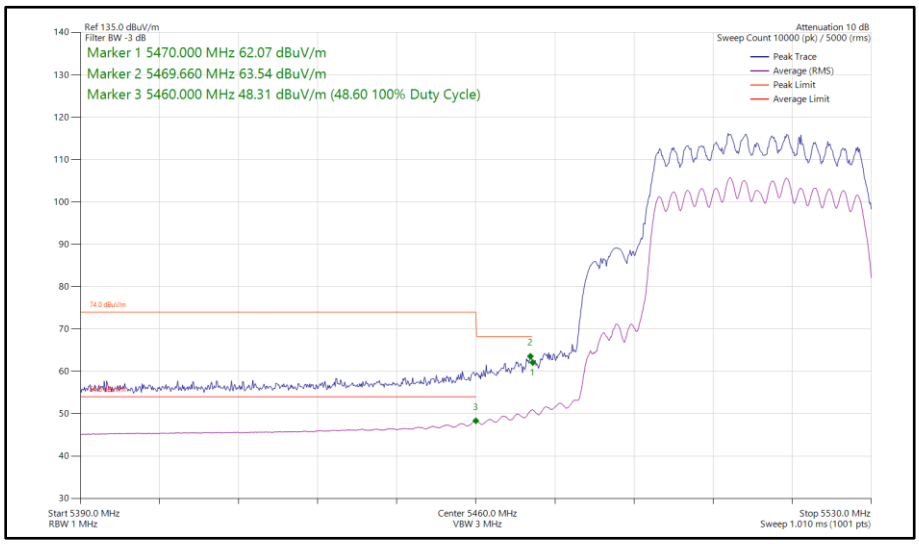

Figure 120 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

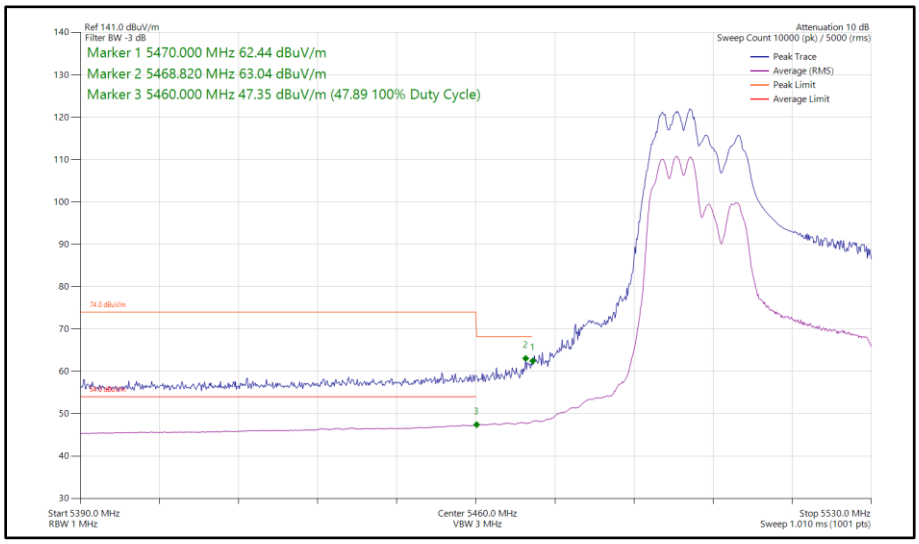

Figure 121 - 802.11ax HE40, RU 106-53, CDD, Core 0 - Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

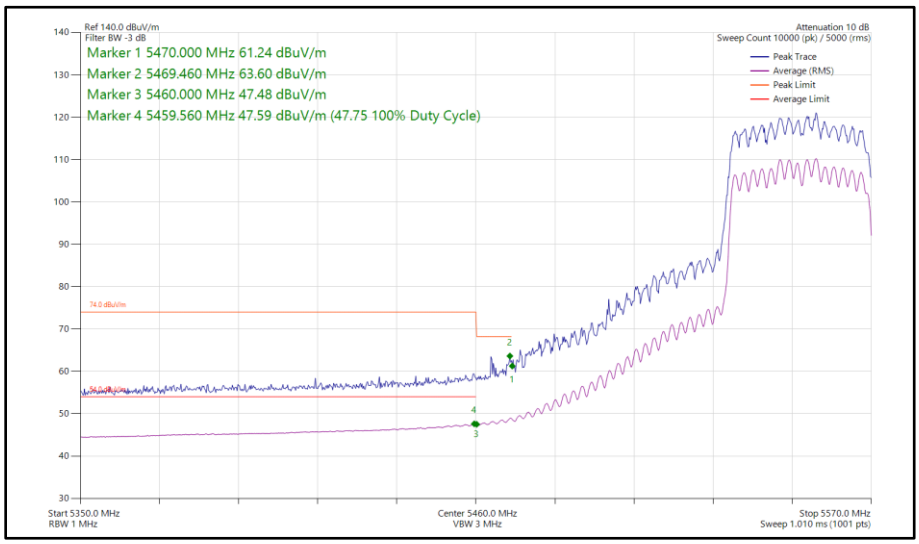

Figure 122 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

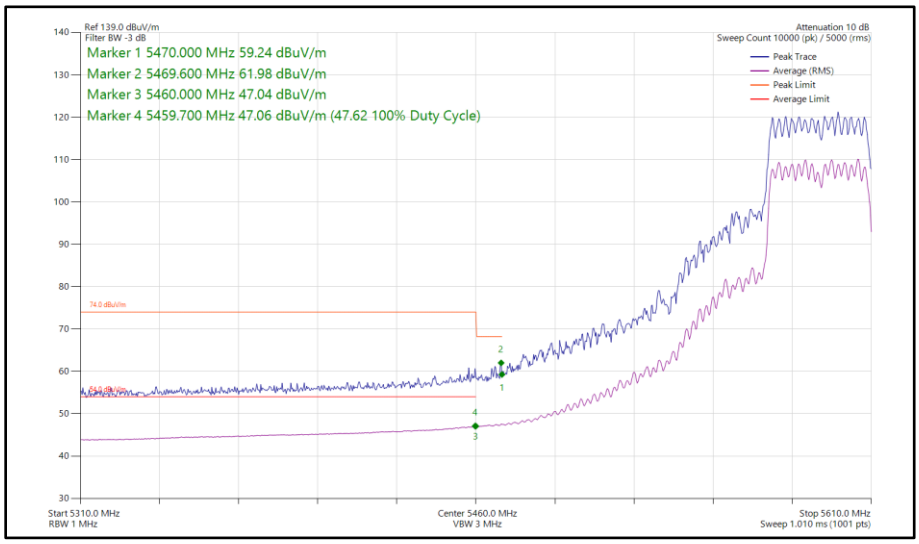

Figure 123 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5590 MHz Band Edge Frequency 5460 MHz