TUV SUD Limited
Digitally signed by TUV SUD Limited
Date: 2024.10.03 16:44:15 +01'00'

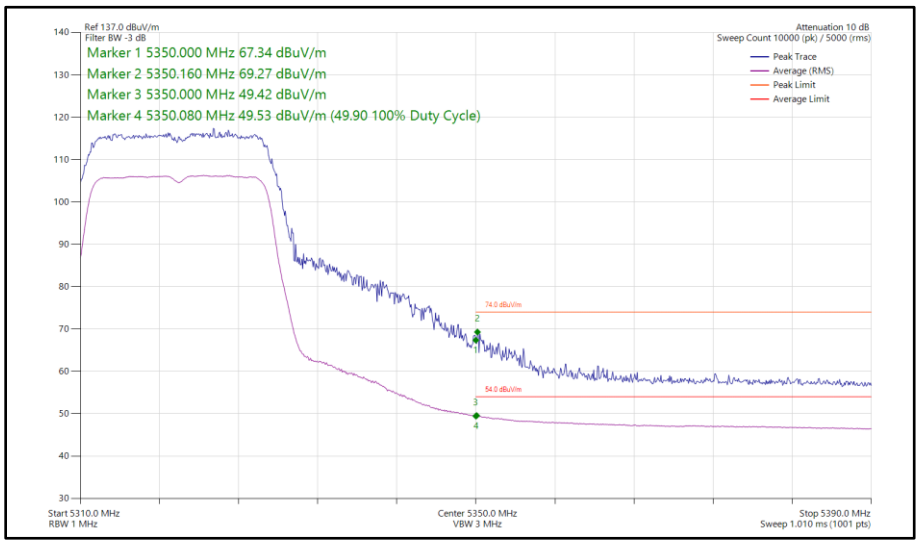

Figure 61 - 802.11n HT20, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

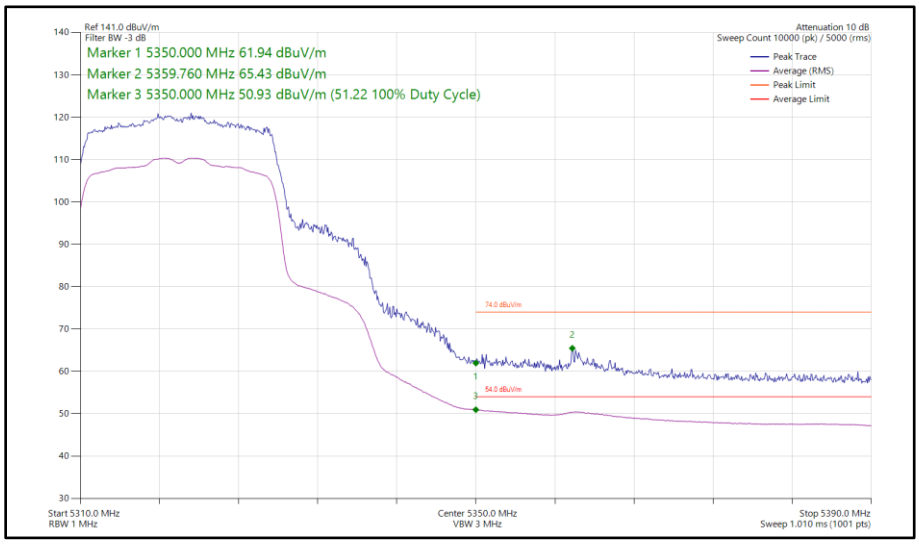

Figure 62 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

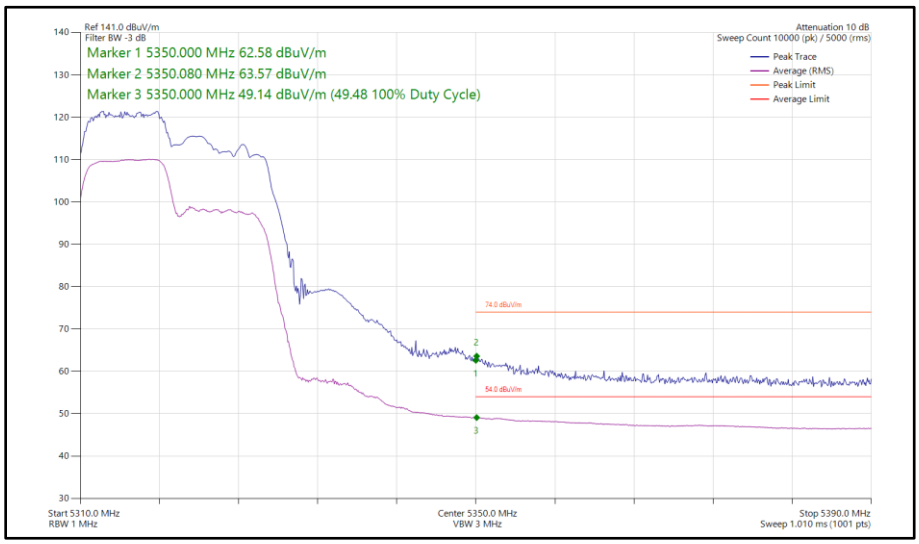

Figure 63 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

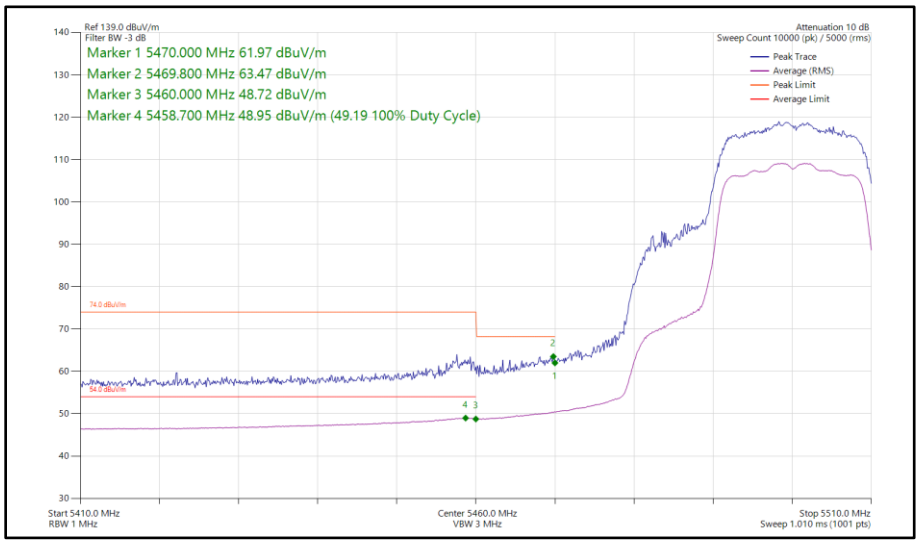

Figure 64 - 802.11n HT20, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

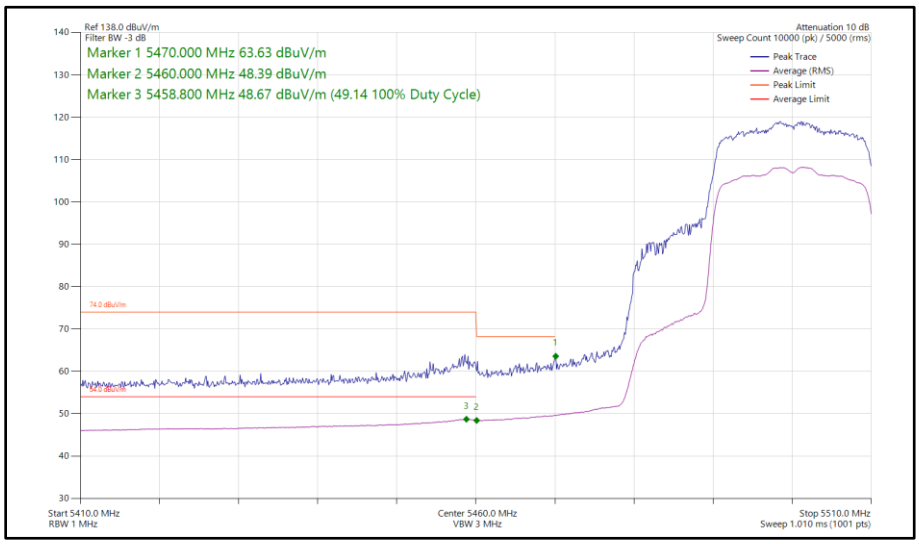

Figure 65 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

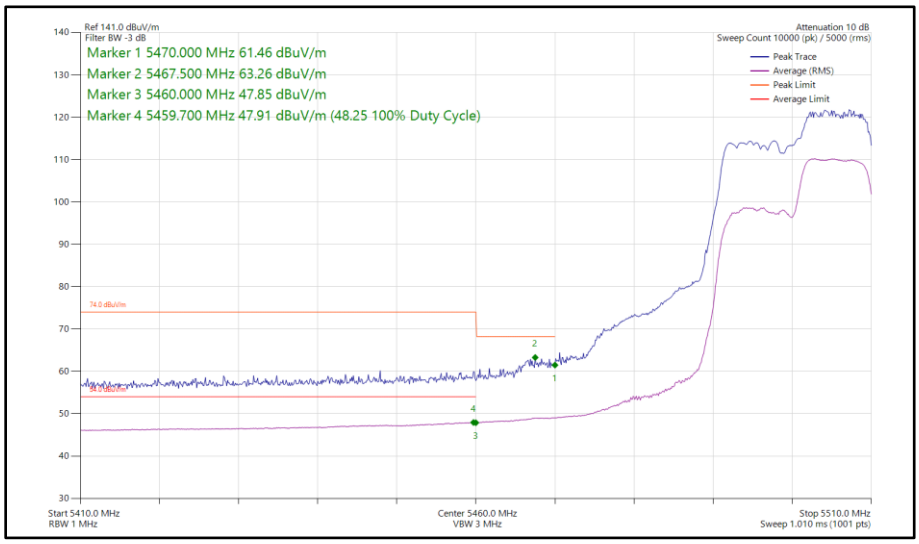

Figure 66 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

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 2x1	-	-	5180	5150	65.30	51.32
802.11ac VHT20	MCS 7x1	-	-	5200	5150	64.79	48.95
802.11ac VHT20	MCS 7x1	-	-	5300	5350	61.59	48.69
802.11ac VHT20	MCS 4x1	-	-	5320	5350	64.84	51.37
802.11ac VHT20	MCS 2x1	-	-	5500	5460	63.17	48.82
802.11ac VHT20	MCS 7x1	-	-	5520	5460	60.61	47.99

Table 11 - TxBF Restricted Band Edge Results

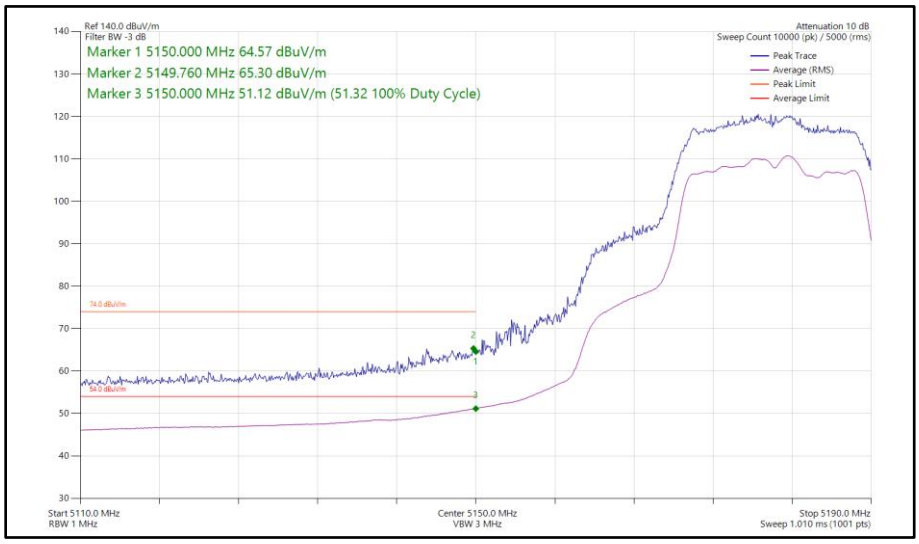

Figure 67 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

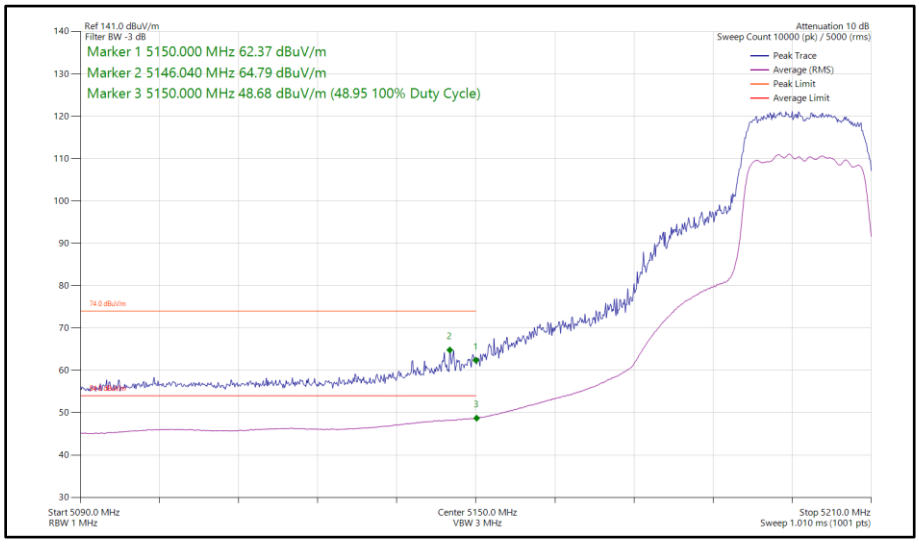

Figure 68 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

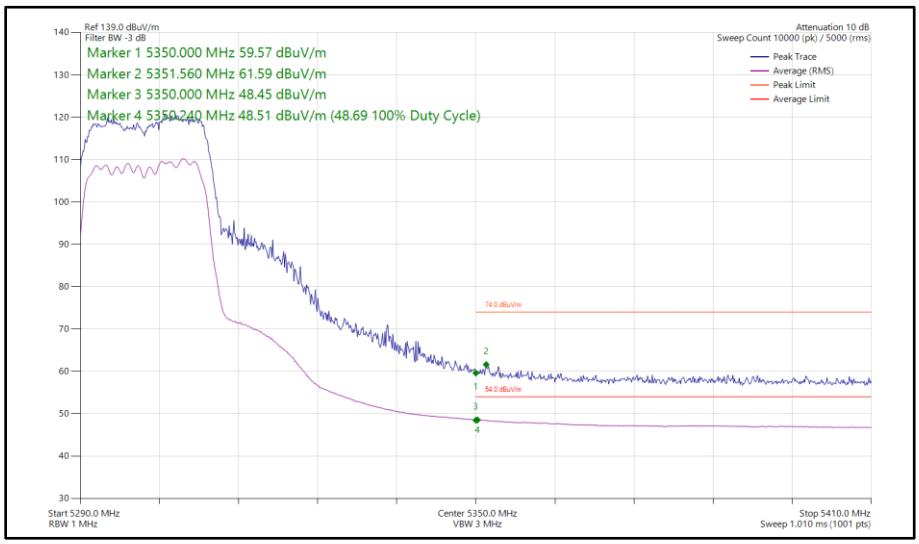

Figure 69 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

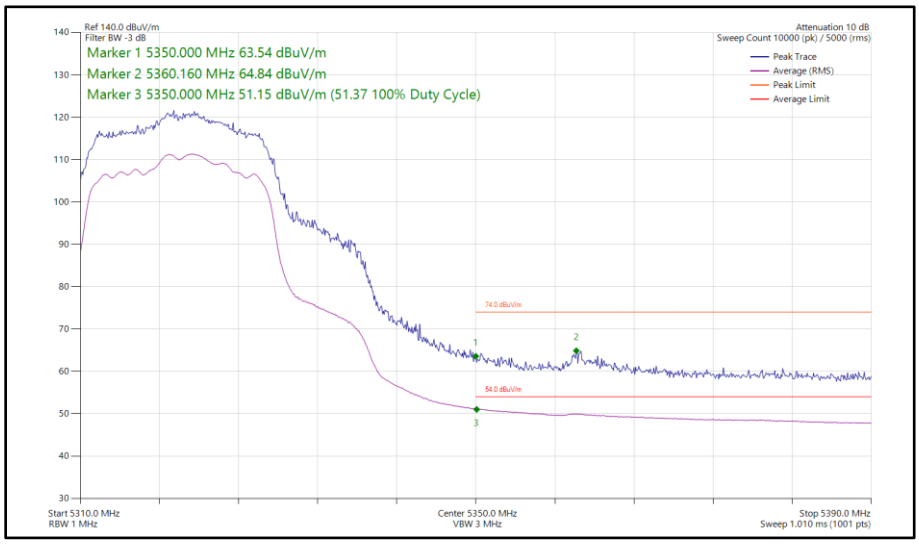

Figure 70 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

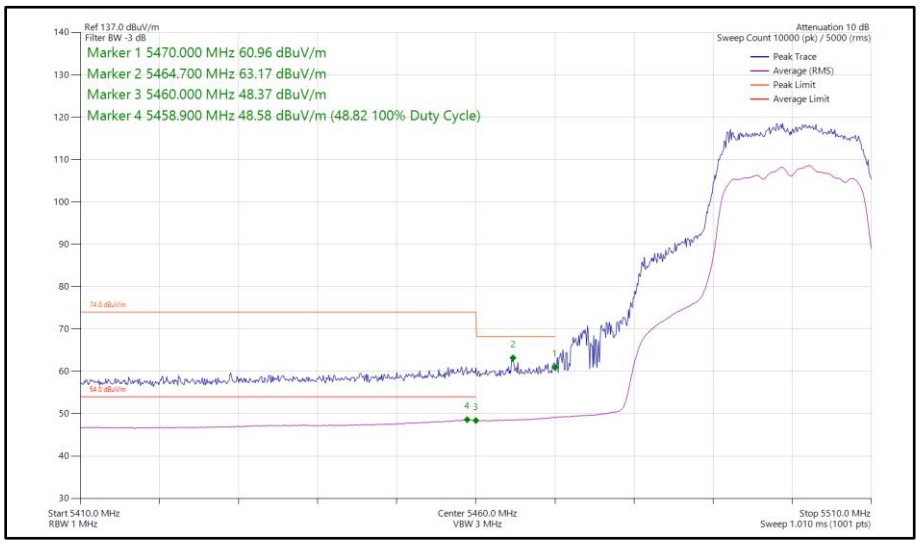

Figure 71 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

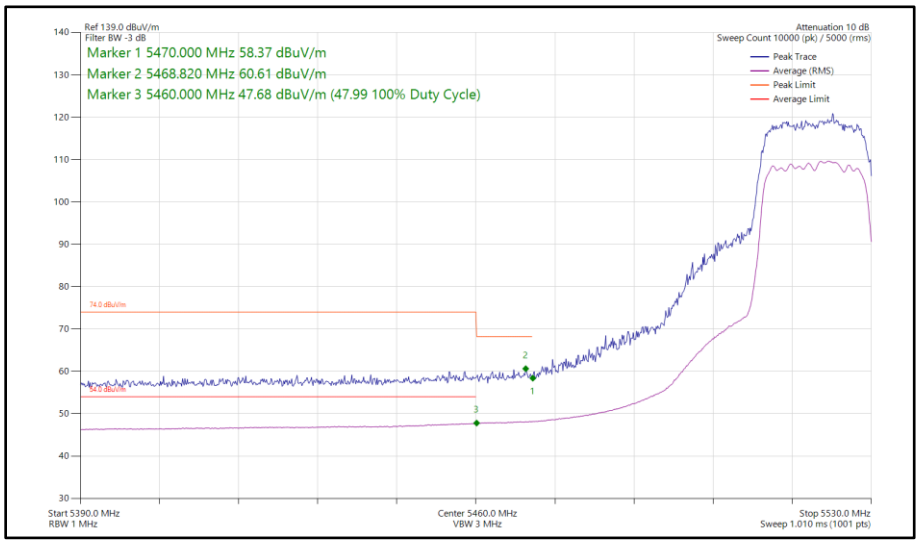

Figure 72 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

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 2	-	-	5190	5150	63.71	51.23
802.11n HT40	MCS 2	-	-	5230	5150	59.02	46.64
802.11ax HE40	MCS 11x1	SU	-	5190	5150	69.10	50.95
802.11ax HE40	MCS 11x1	106	56	5190	5150	60.18	46.95
802.11ax HE40	MCS 2x1	SU	-	5230	5150	64.61	48.77
802.11ax HE40	MCS 2x1	106	56	5270	5150	55.66	43.66
802.11n HT40	MCS 2	-	-	5270	5350	59.37	47.30
802.11n HT40	MCS 7	-	-	5310	5350	69.26	49.05
802.11ax HE40	MCS 2x1	SU	-	5270	5350	60.63	47.57
802.11ax HE40	MCS 11x1	SU	-	5310	5350	69.14	49.83
802.11ax HE40	MCS 11x1	52	37	5310	5350	68.19	48.72
802.11n HT40	MCS 7	-	-	5510	5460	63.52	47.35
802.11n HT40	MCS 2	-	-	5550	5460	57.99	46.09
802.11n HT40	MCS 2	-	-	5630	5460	56.10	44.93
802.11ax HE40	MCS 11x1	SU	-	5510	5460	62.51	47.13
802.11ax HE40	MCS 11x1	106	56	5510	5460	60.66	46.91
802.11ax HE40	MCS 2x1	SU	-	5550	5460	59.96	46.13
802.11ax HE40	MCS 2x1	106	56	5550	5460	56.48	44.92
802.11ax HE40	MCS 2x1	SU	-	5630	5460	56.78	44.83

Table 12 - SISO Restricted Band Edge Results

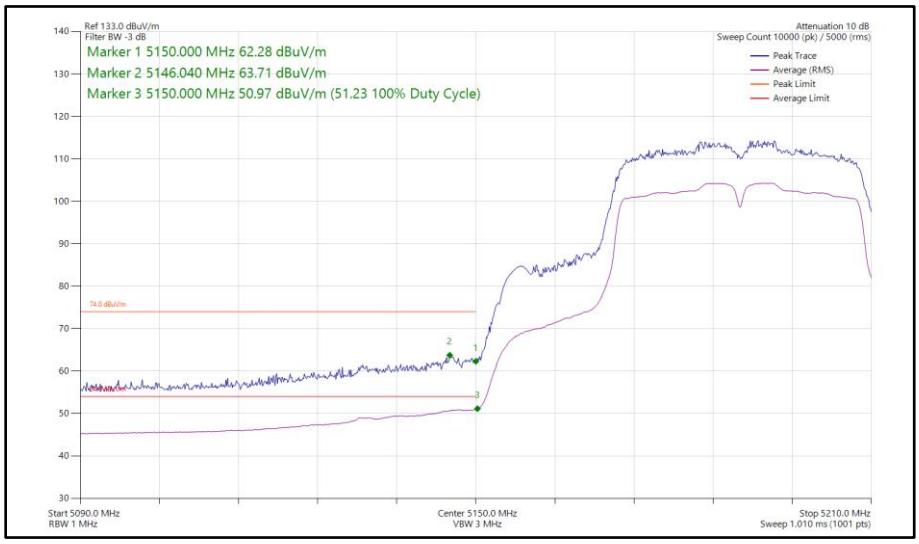

Figure 73 - 802.11n HT40, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

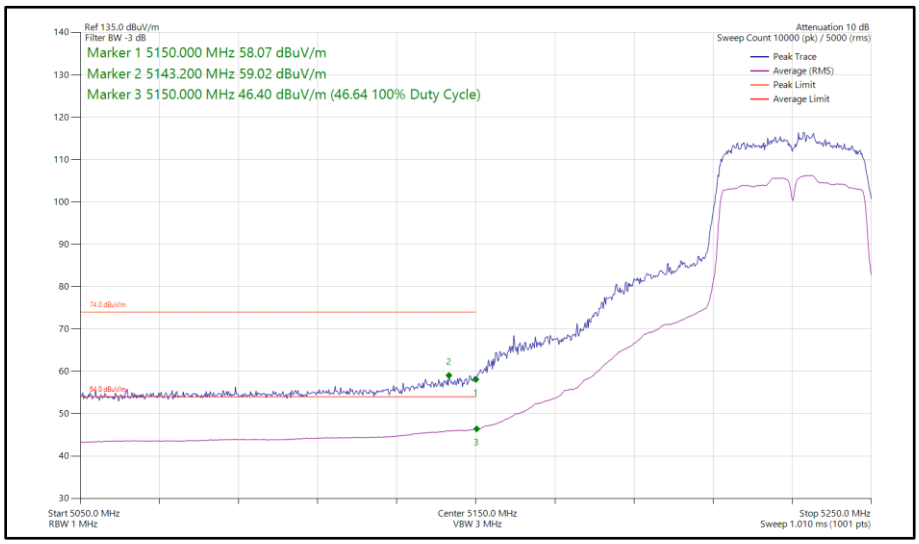

Figure 74 - 802.11n HT40, SISO, Core 0 - 5230 MHz
Band Edge Frequency 5150 MHz

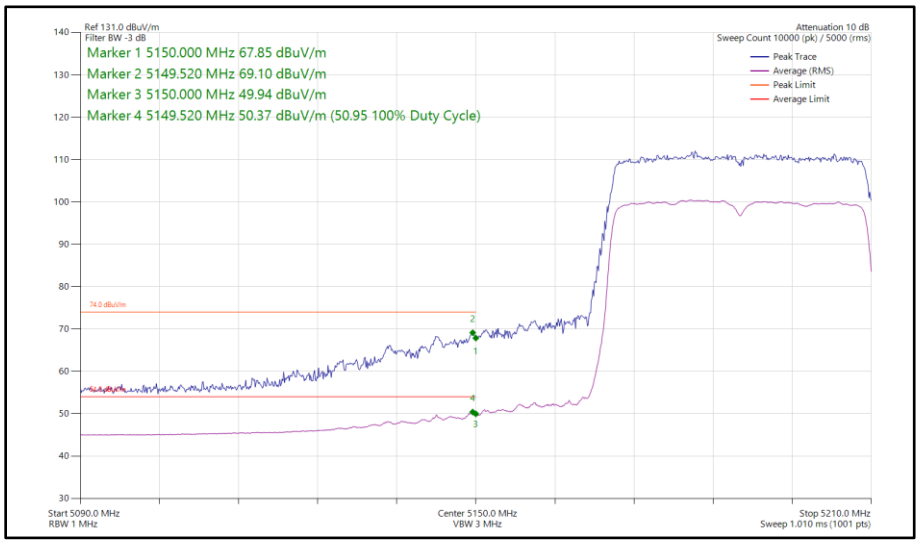

Figure 75 - 802.11ax HE40, SU, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

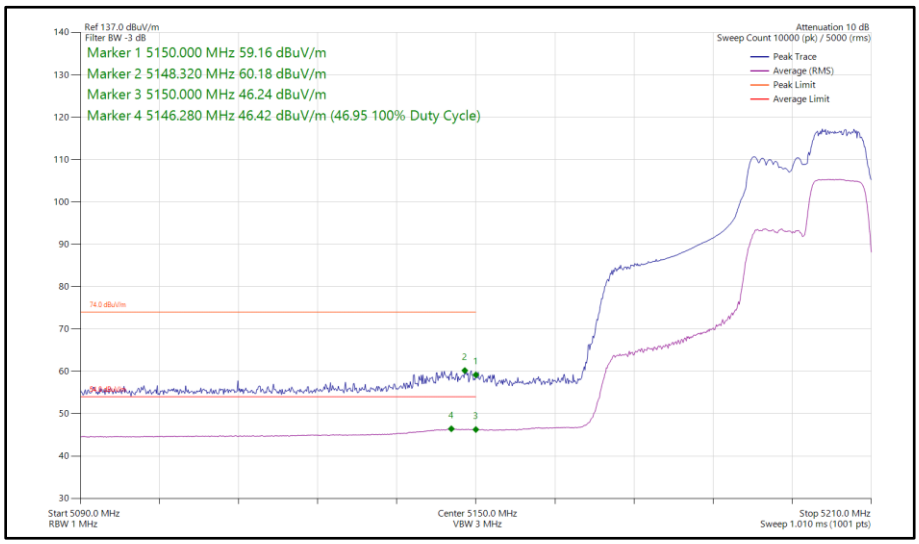

Figure 76 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5190 MHz Band Edge Frequency 5150 MHz

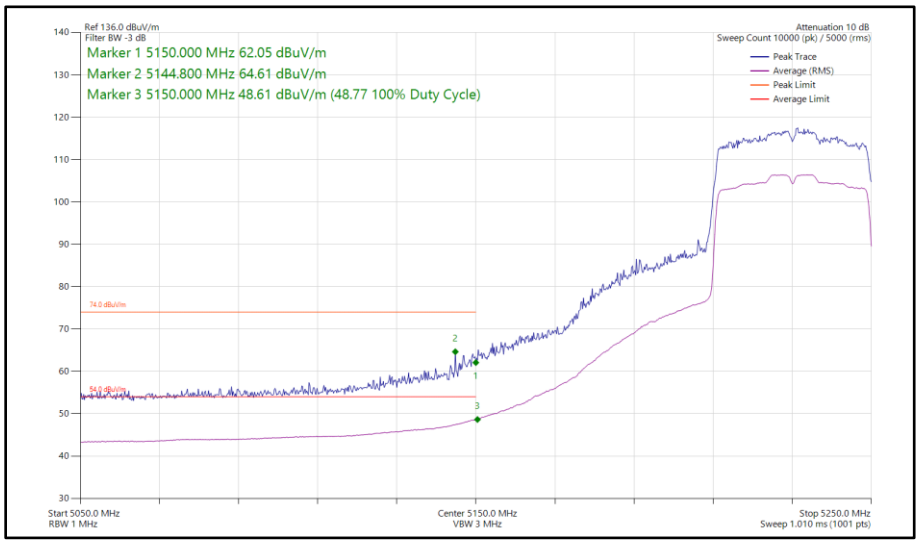

Figure 77 - 802.11ax HE40, SU, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

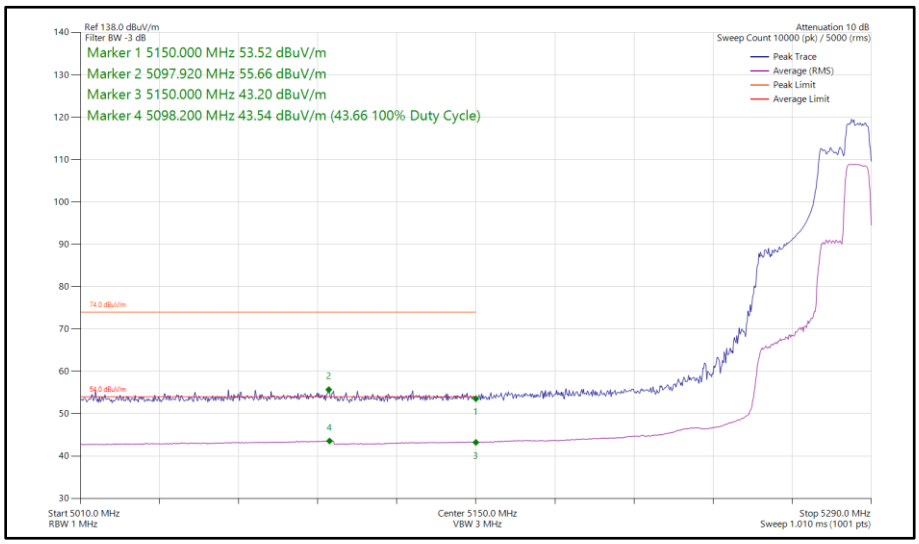

Figure 78 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5270 MHz Band Edge Frequency 5150 MHz

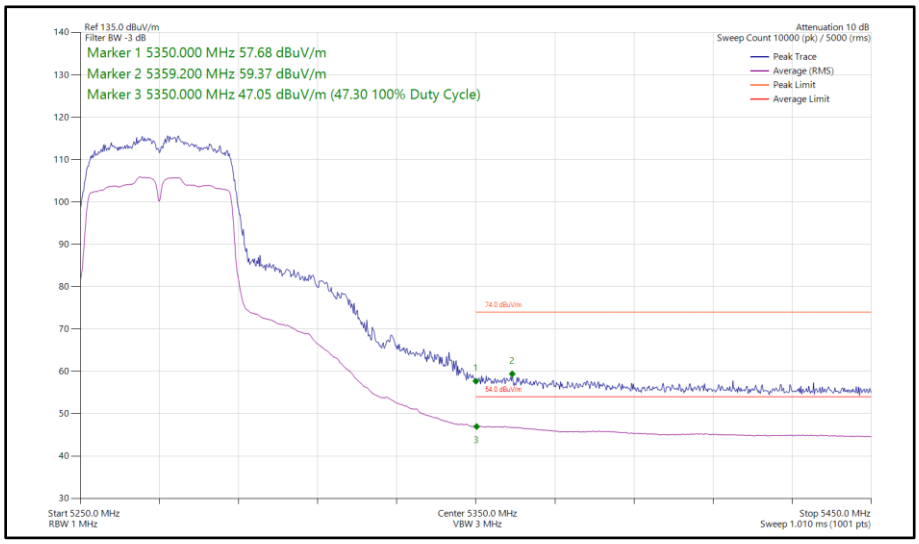

Figure 79 - 802.11n HT40, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

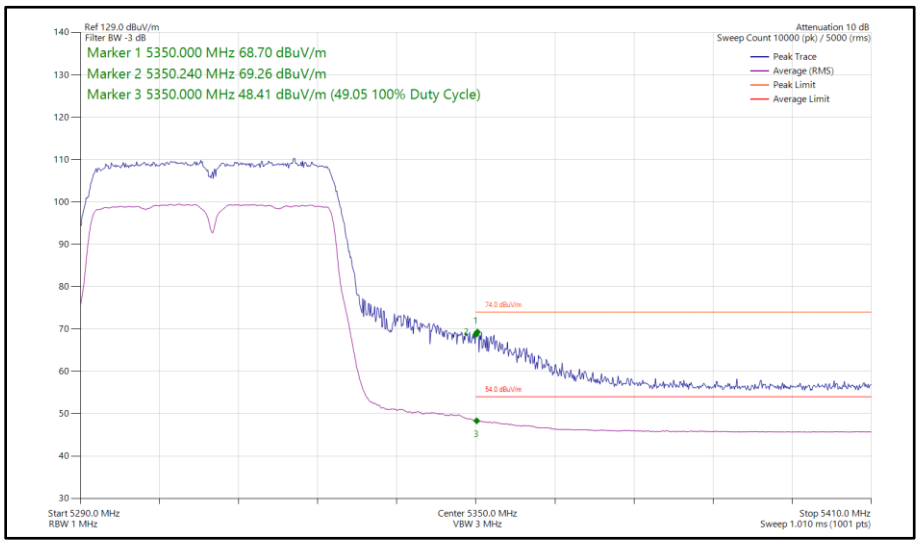

Figure 80 - 802.11n HT40, SISO, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

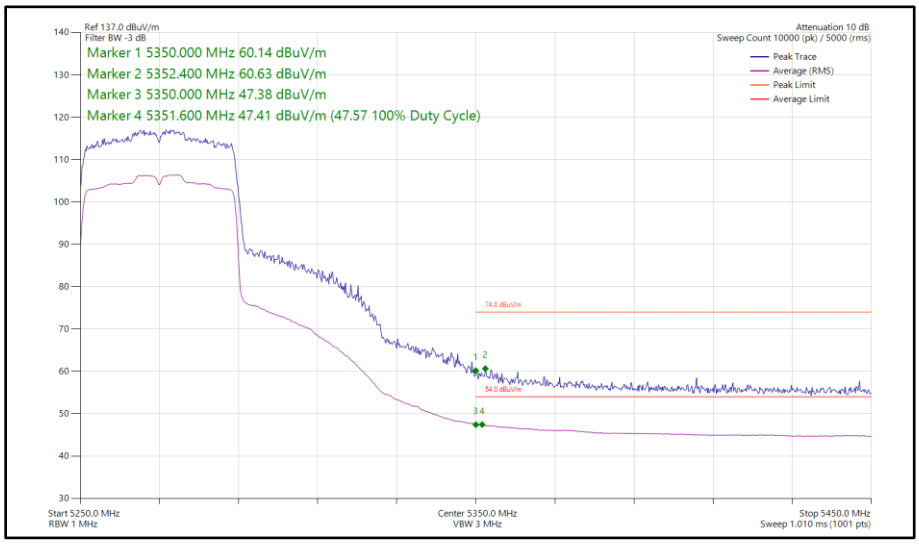

Figure 81 - 802.11ax HE40, SU, SISO, Core 0 - 5270 MHz
Band Edge Frequency 5350 MHz

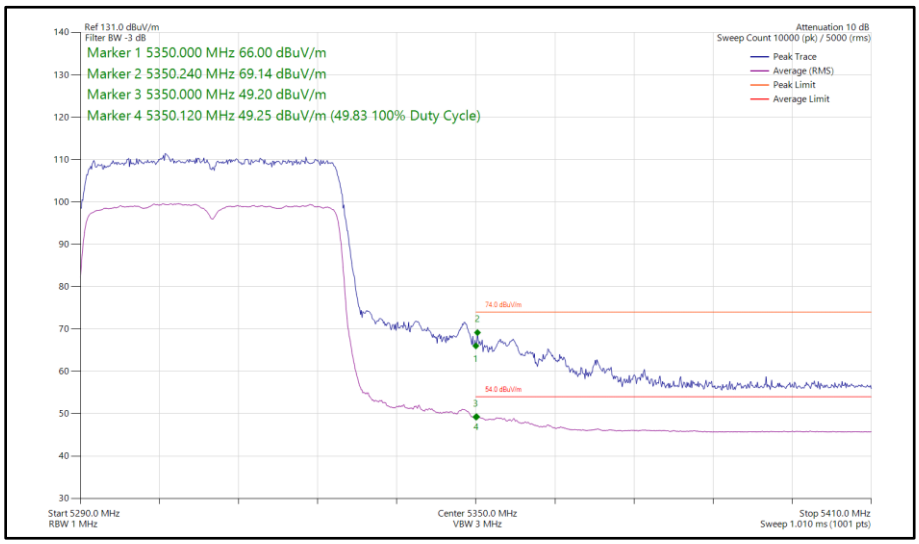

Figure 82 - 802.11ax HE40, SU, SISO, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

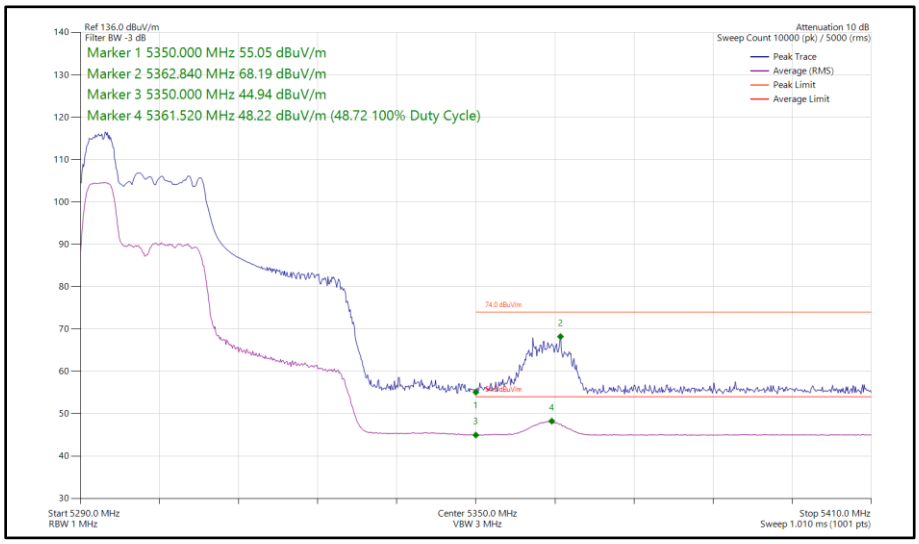

Figure 83 - 802.11ax HE40, RU 52-37, SISO, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

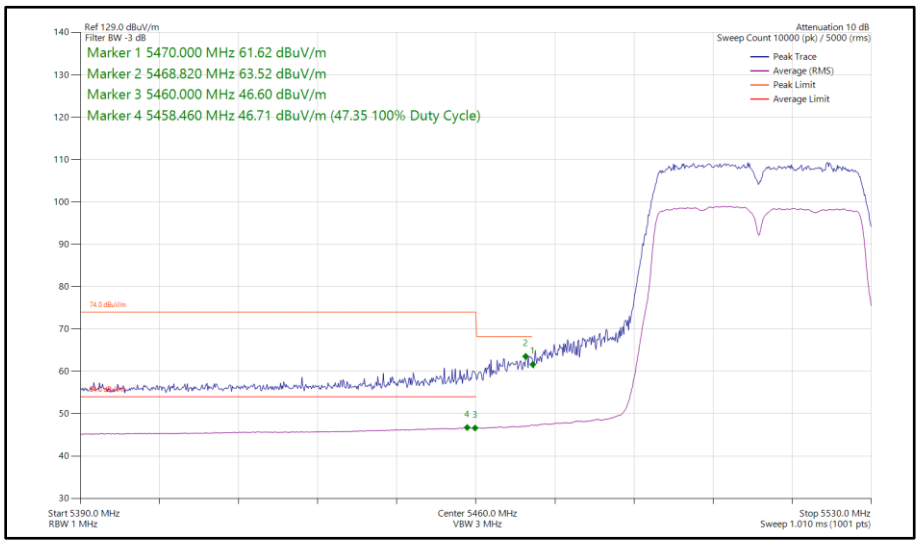

Figure 84 - 802.11n HT40, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

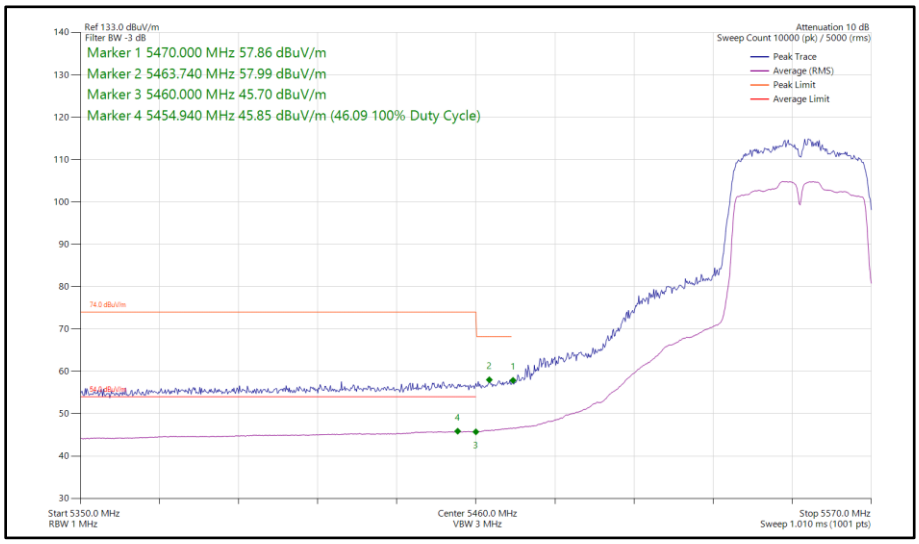

Figure 85 - 802.11n HT40, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

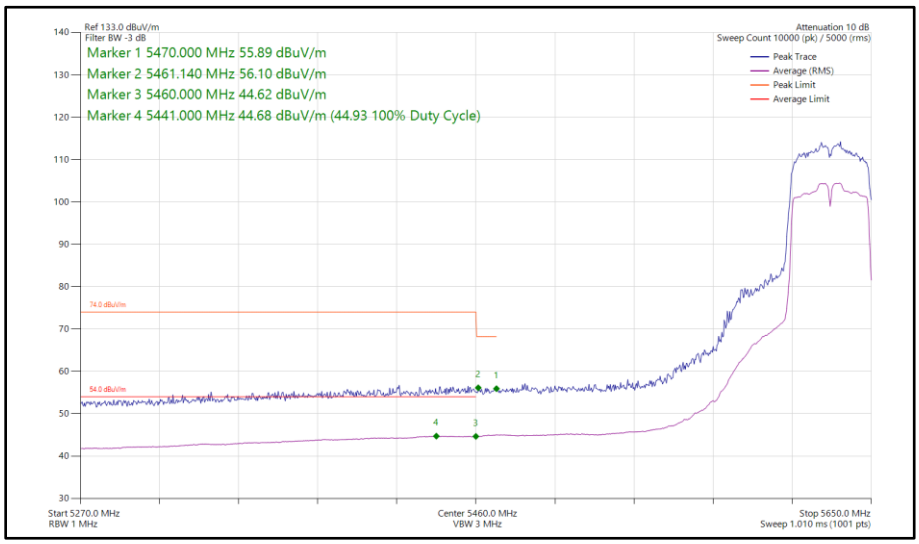

Figure 86 - 802.11n HT40, SISO, Core 0 - 5630 MHz
Band Edge Frequency 5460 MHz

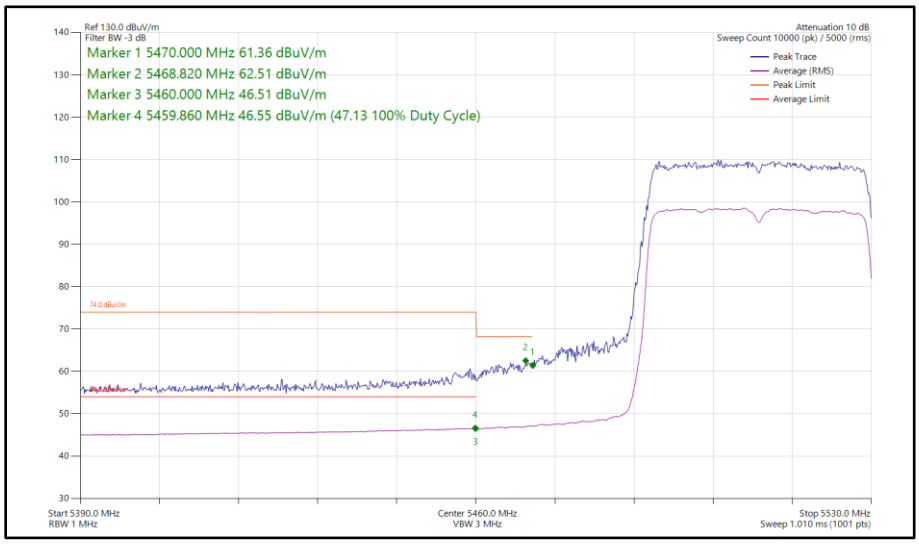

Figure 87 - 802.11ax HE40, SU, SISO, Core 0 - 5510 MHz
Band Edge Frequency 5460 MHz

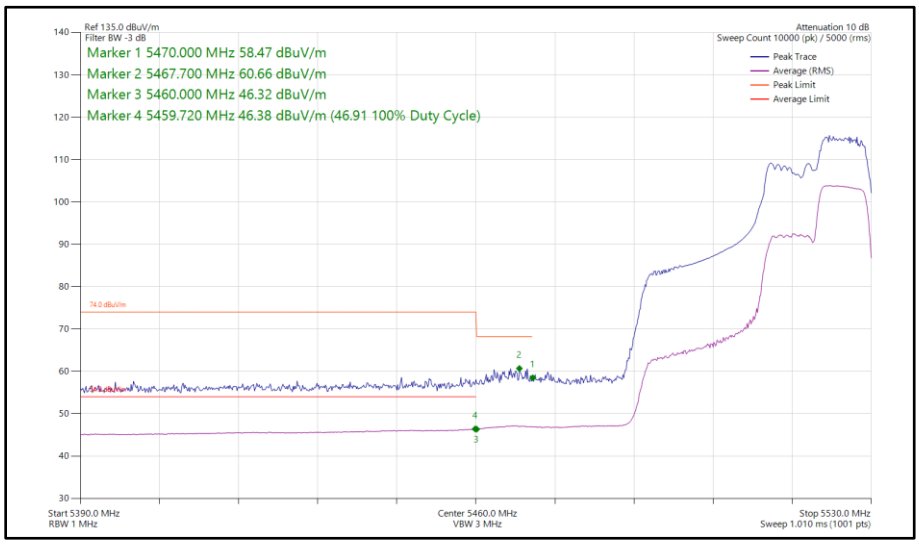

Figure 88 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

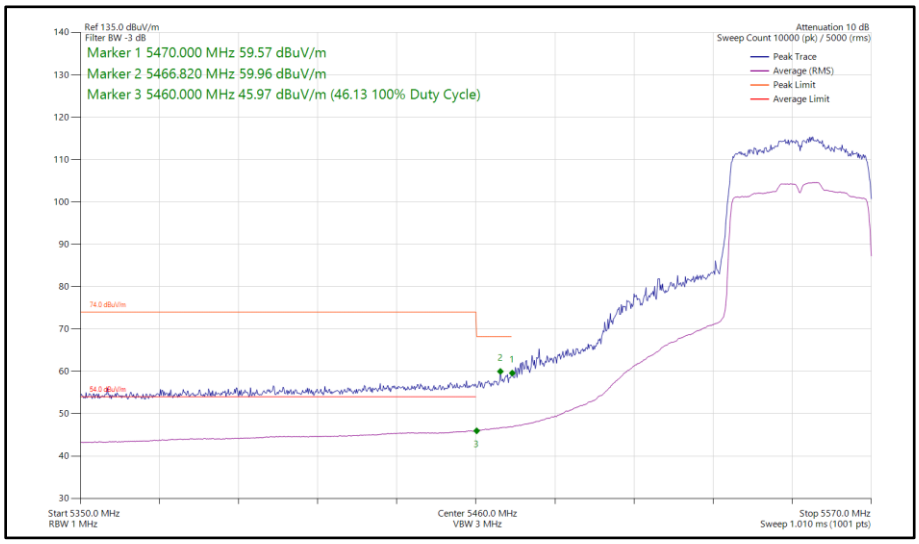

Figure 89 - 802.11ax HE40, SU, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

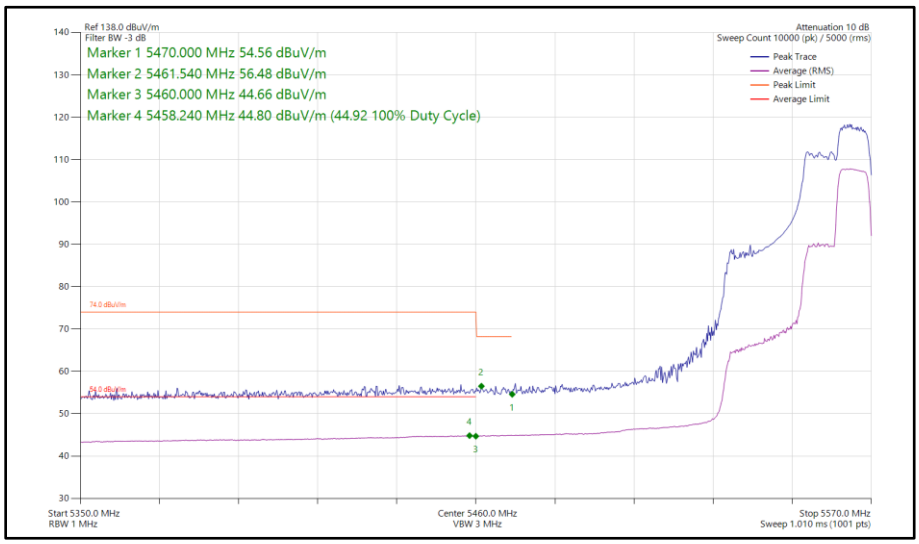

Figure 90 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

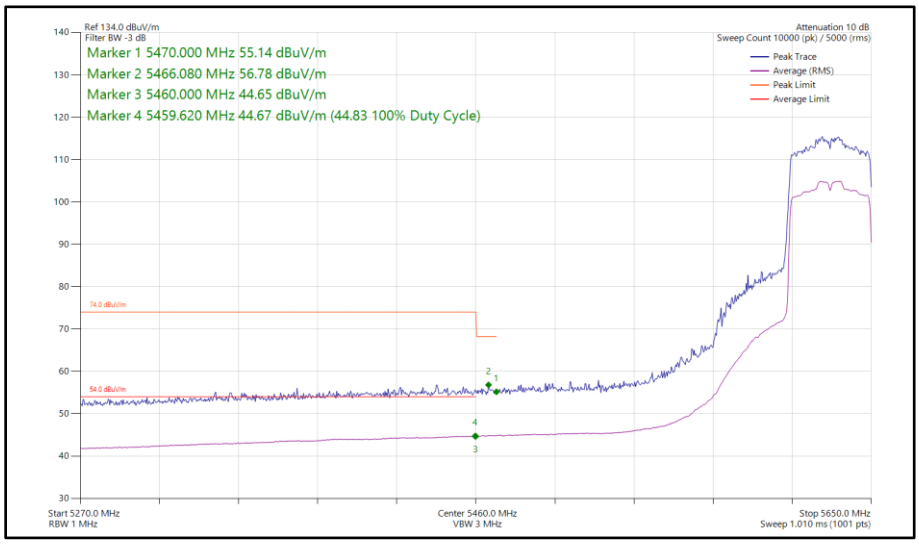

Figure 91 - 802.11ax HE40, SU, SISO, Core 0 - 5630 MHz Band Edge Frequency 5460 MHz

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 7	-	-	5190	5150	68.70	51.04
802.11n HT40	MCS 2	-	-	5230	5150	63.39	48.80
802.11n HT40	MCS 2	-	-	5270	5150	57.82	45.66
802.11ax HE40	MCS 2x1	SU	-	5190	5150	63.46	51.47
802.11ax HE40	MCS 11x1	106	56	5190	5150	62.25	48.07
802.11ax HE40	MCS 2x1	SU	-	5230	5150	65.06	49.85
802.11ax HE40	MCS 2x1	SU	-	5270	5150	57.35	45.60
802.11ax HE40	MCS 2x1	106	56	5270	5150	57.34	45.28
802.11n HT40	MCS 4	-	-	5310	5350	63.57	51.00
802.11ax HE40	MCS 2x1	SU	-	5310	5350	64.07	51.36
802.11ax HE40	MCS 11x1	106	53	5310	5350	69.30	51.25
802.11n HT40	MCS 7	-	-	5510	5460	63.40	48.07
802.11n HT40	MCS 2	-	-	5550	5460	62.65	48.32
802.11n HT40	MCS 2	-	-	5630	5460	57.22	45.97
802.11ax HE40	MCS 4x1	SU	-	5510	5460	63.59	50.14
802.11ax HE40	MCS 11x1	52	44	5510	5460	62.25	47.49
802.11ax HE40	MCS 2x1	SU	-	5550	5460	63.26	49.03
802.11ax HE40	MCS 2x1	106	56	5550	5460	58.60	46.69
802.11ax HE40	MCS 2x1	SU	-	5630	5460	56.36	44.67

Table 13 - SISO Restricted Band Edge Results

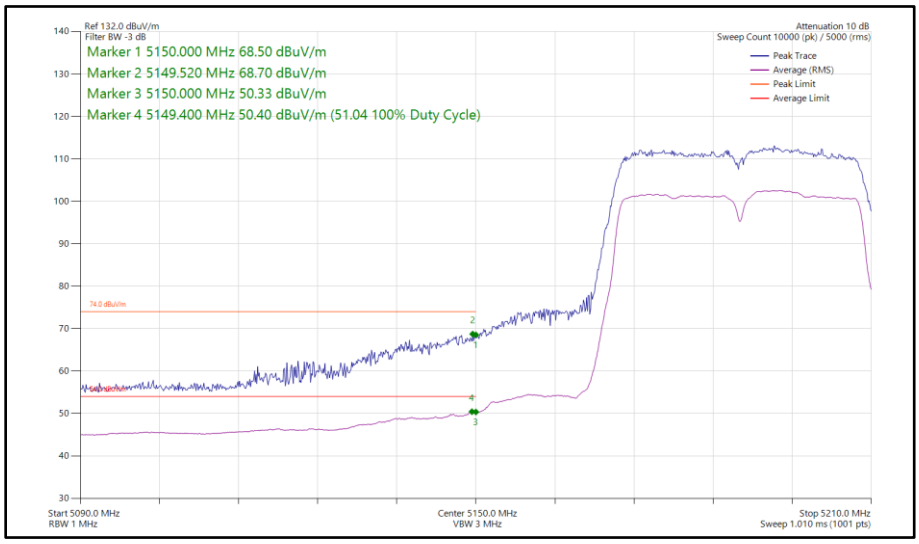

Figure 92 - 802.11n HT40, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

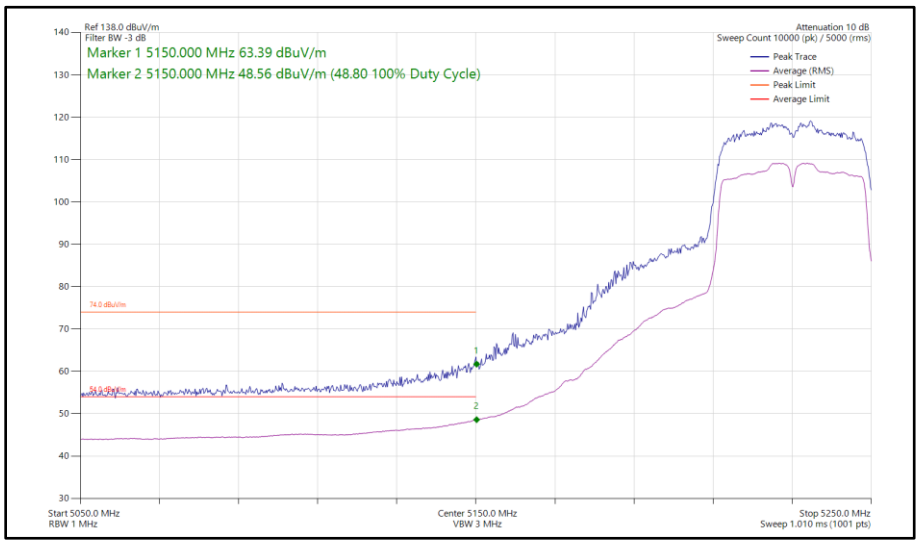

Figure 93 - 802.11n HT40, SISO, Core 1 - 5230 MHz
Band Edge Frequency 5150 MHz

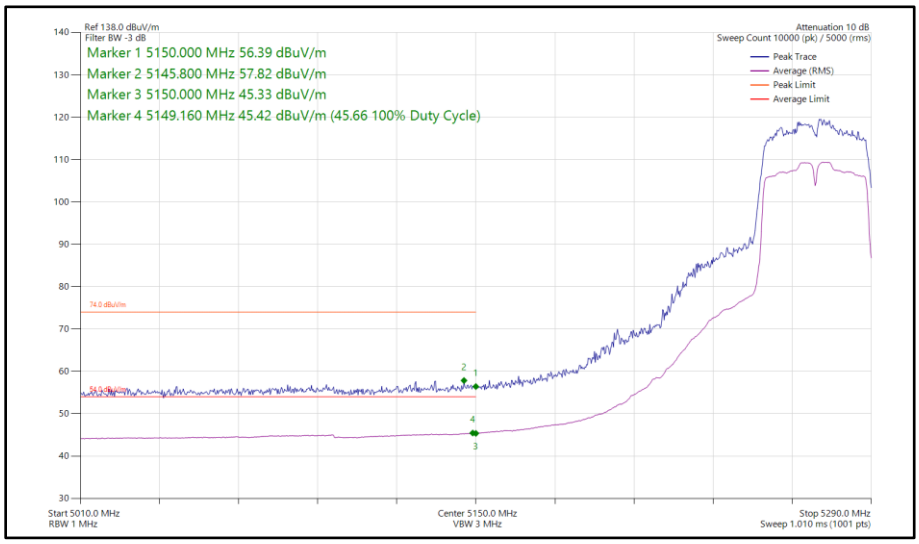

Figure 94 - 802.11n HT40, SISO, Core 1 - 5270 MHz
Band Edge Frequency 5150 MHz

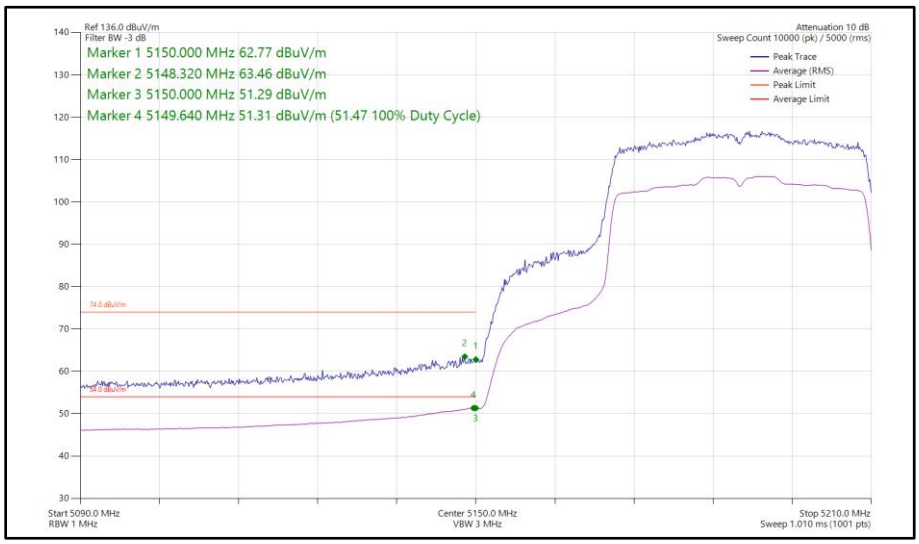

Figure 95 - 802.11ax HE40, SU, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

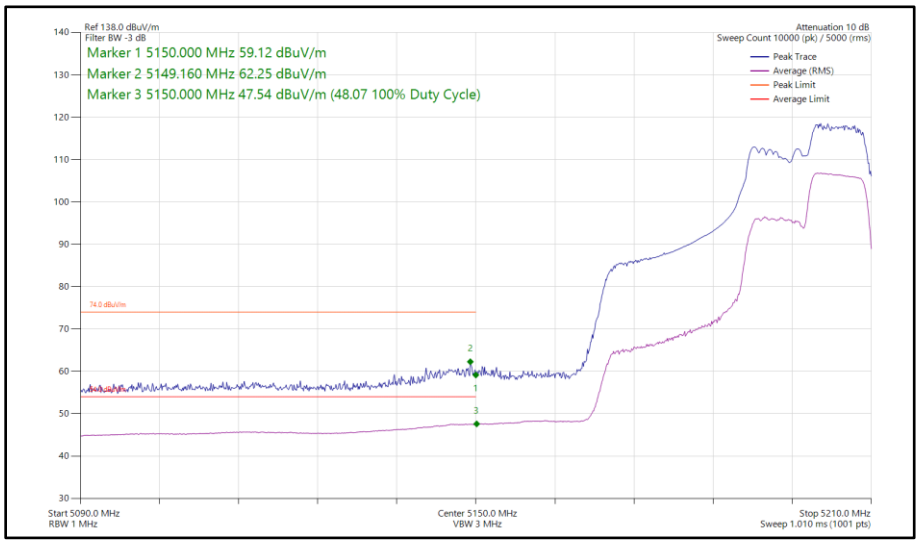

Figure 96 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

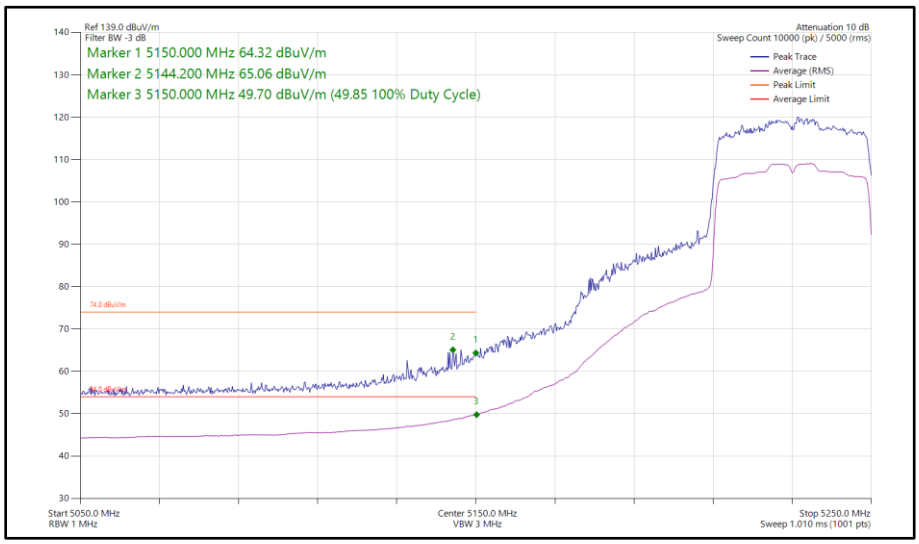

Figure 97 - 802.11ax HE40, SU, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

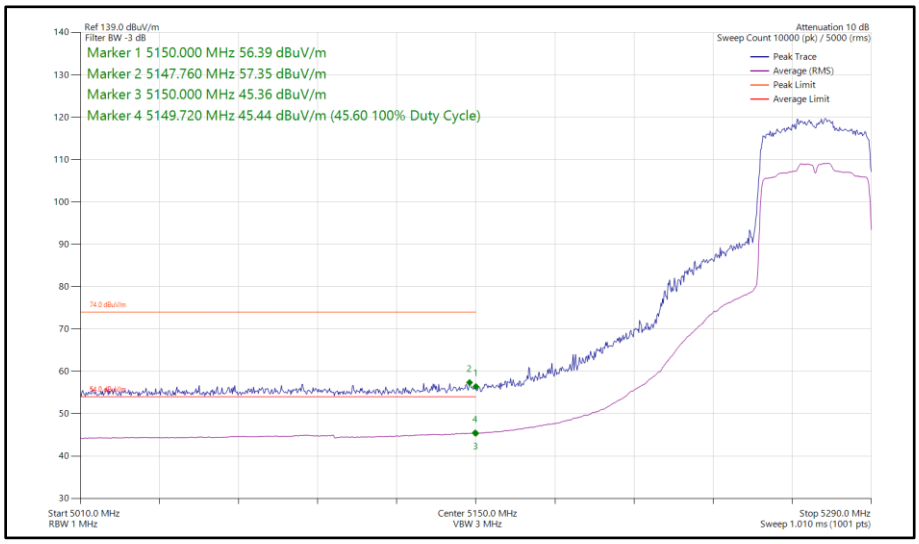

Figure 98 - 802.11ax HE40, SU, SISO, Core 1 - 5270 MHz Band Edge Frequency 5150 MHz

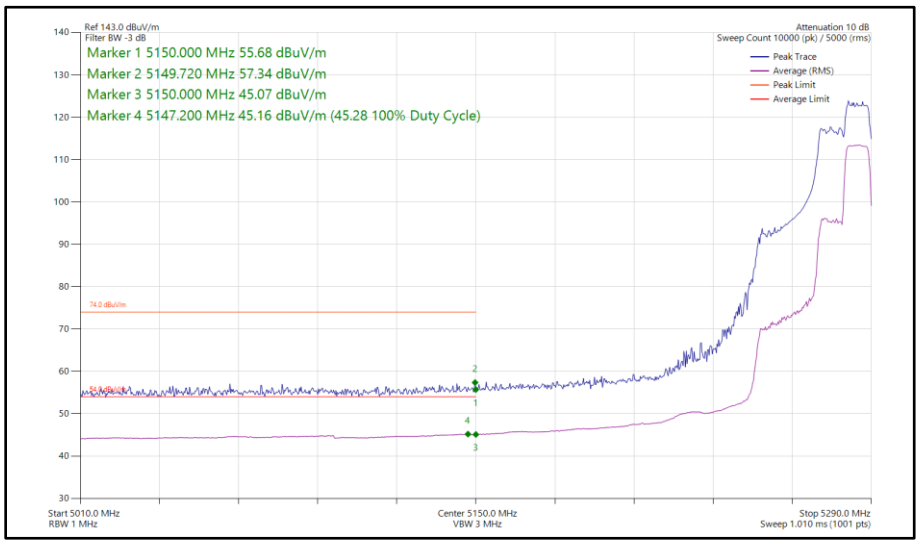

Figure 99 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5270 MHz Band Edge Frequency 5150 MHz

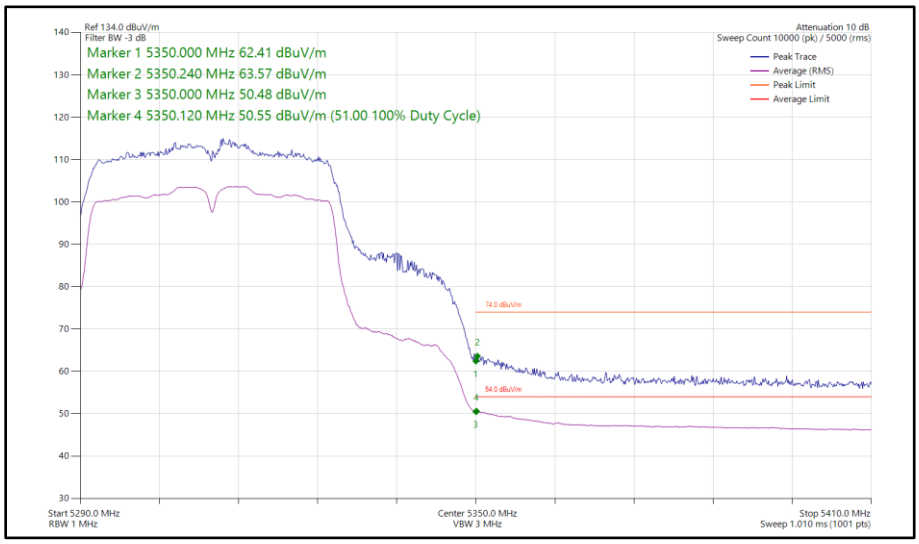

Figure 100 - 802.11n HT40, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

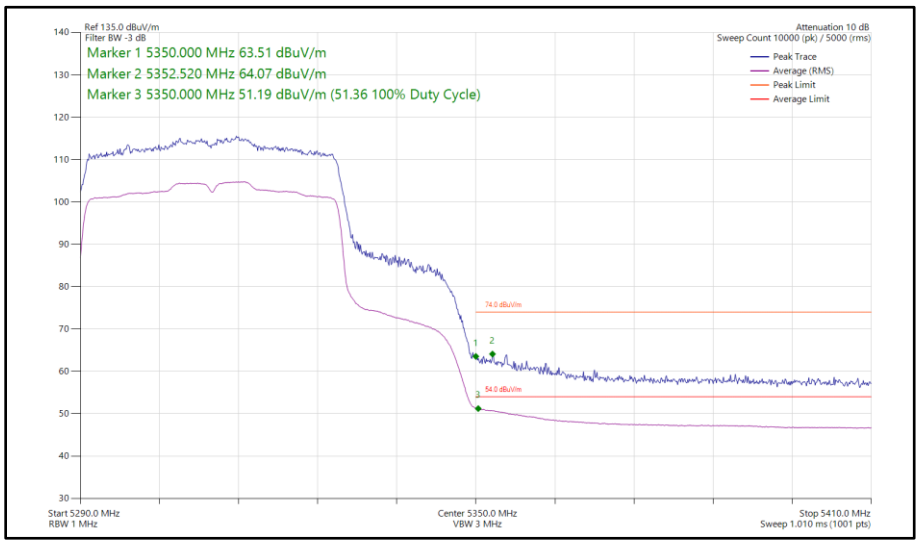

Figure 101 - 802.11ax HE40, SU, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

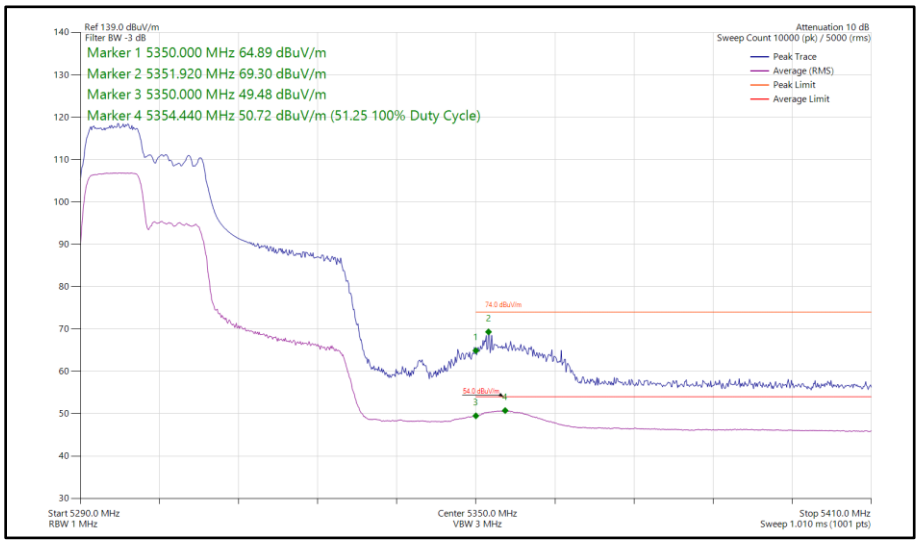

Figure 102 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

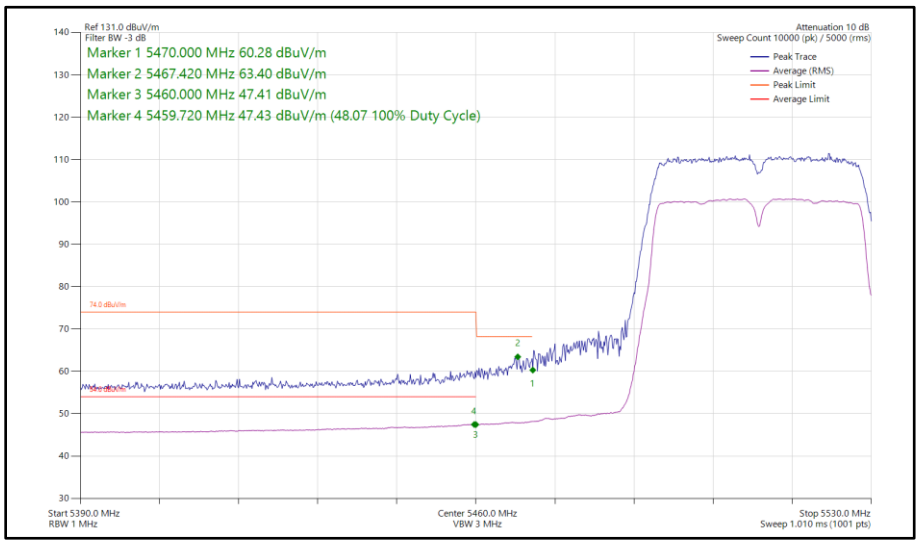

Figure 103 - 802.11n HT40, SISO, Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz

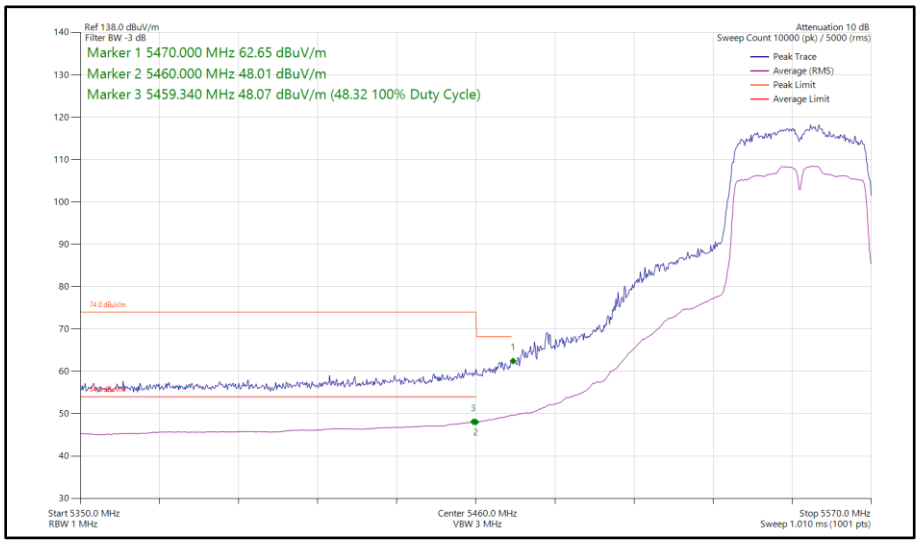

Figure 104 - 802.11n HT40, SISO, Core 1 - 5550 MHz
Band Edge Frequency 5460 MHz

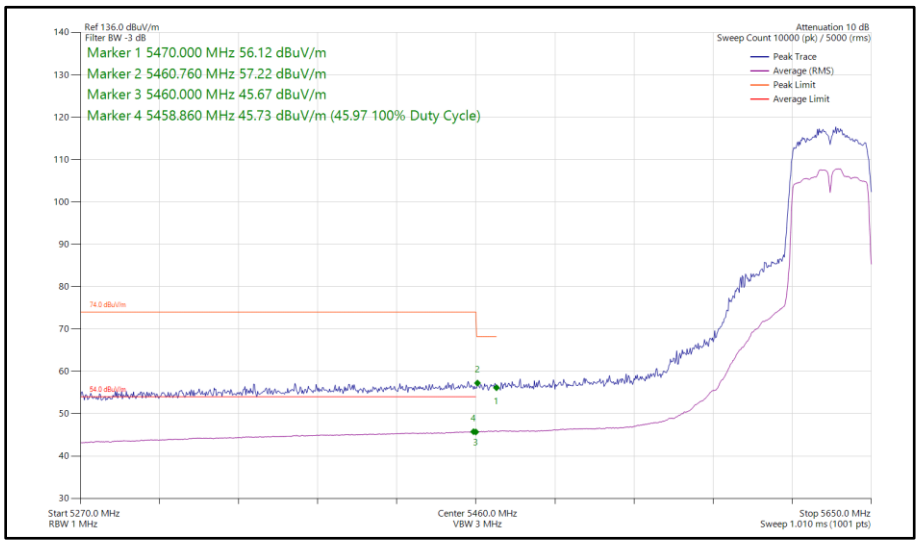

Figure 105 - 802.11n HT40, SISO, Core 1 - 5630 MHz
Band Edge Frequency 5460 MHz

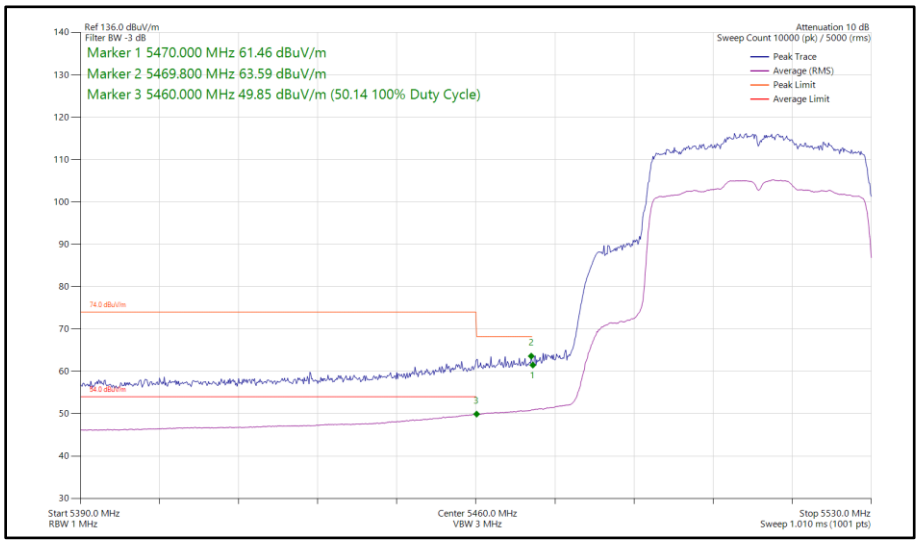

Figure 106 - 802.11ax HE40, SU, SISO, Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz

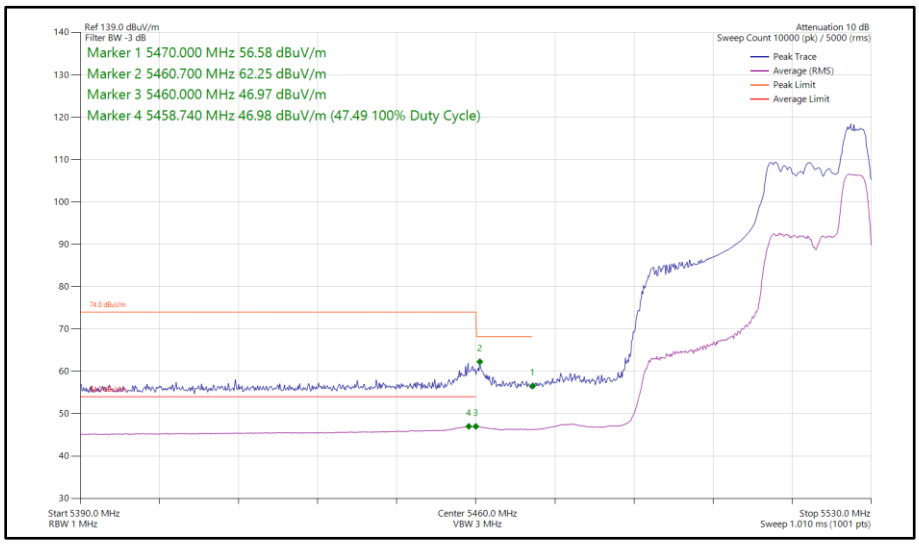

Figure 107 - 802.11ax HE40, RU 52-44, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

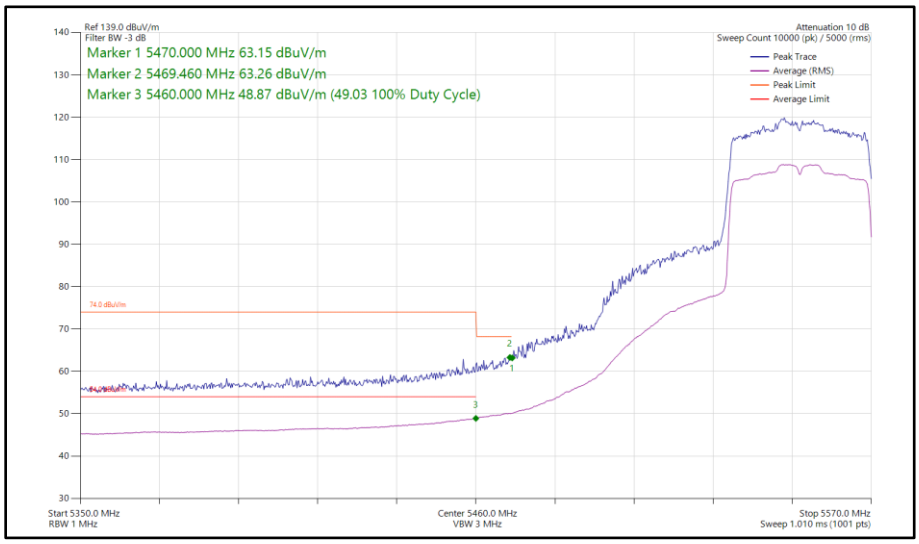

Figure 108 - 802.11ax HE40, SU, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

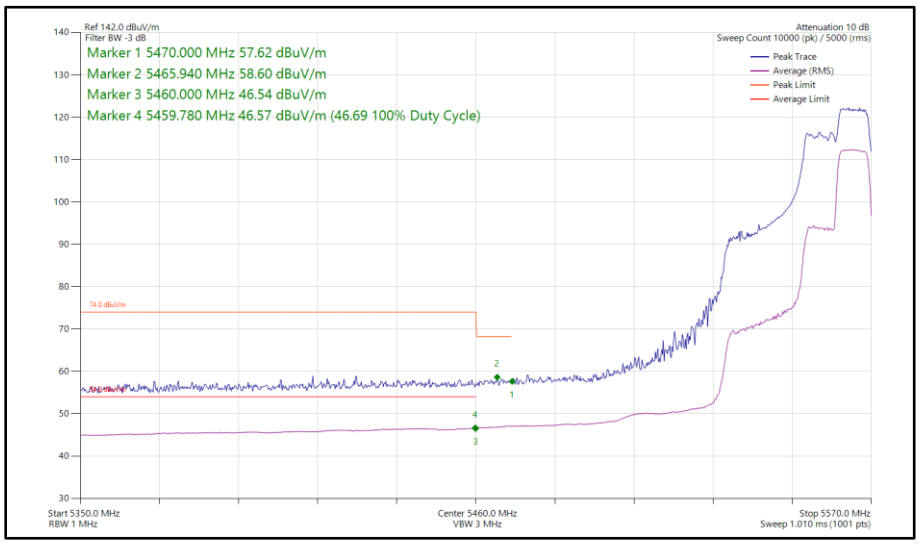

Figure 109 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

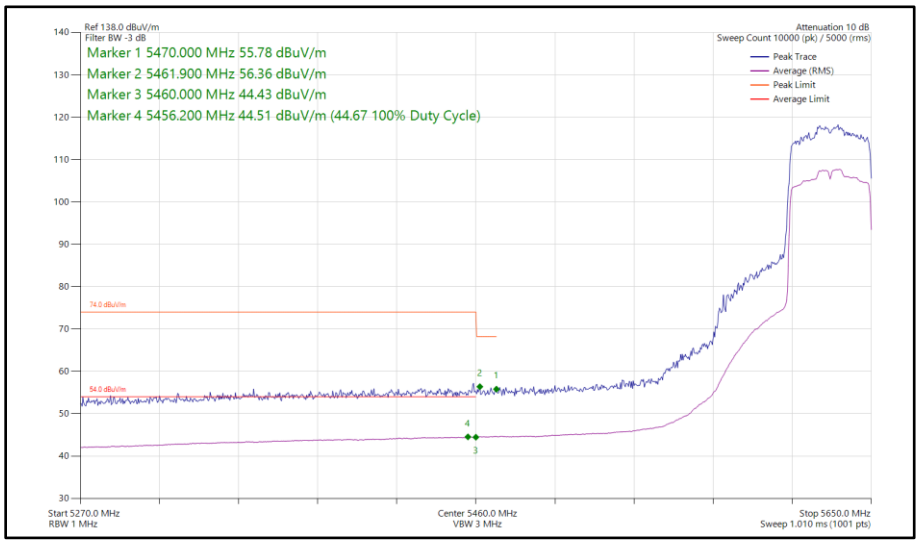

Figure 110 - 802.11ax HE40, SU, SISO, Core 1 - 5630 MHz Band Edge Frequency 5460 MHz

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 2	-	-	5190	5150	63.40	51.38
802.11n HT40	MCS 2	-	-	5230	5150	64.39	49.83
802.11ax HE40	MCS 2x1	SU	-	5190	5150	63.82	51.49
802.11ax HE40	MCS 11x1	106	56	5190	5150	61.23	47.02
802.11ax HE40	MCS 2x1	SU	-	5230	5150	65.22	49.85
802.11n HT40	MCS 2	-	-	5270	5350	63.99	51.15
802.11n HT40	MCS 2	-	-	5310	5350	63.61	51.50
802.11ax HE40	MCS 2x1	SU	-	5270	5350	66.22	51.33
802.11ax HE40	MCS 2x1	SU	-	5310	5350	64.07	51.36
802.11ax HE40	MCS 11x1	52	37	5310	5350	69.19	50.30
802.11n HT40	MCS 2	-	-	5510	5460	63.65	48.35
802.11n HT40	MCS 2	-	-	5550	5460	62.48	48.51
802.11n HT40	MCS 2	-	-	5630	5460	56.76	45.42
802.11ax HE40	MCS 4x1	SU	-	5510	5460	63.68	48.30
802.11ax HE40	MCS 11x1	106	56	5510	5460	61.34	47.41
802.11ax HE40	MCS 2x1	SU	-	5550	5460	63.44	48.00
802.11ax HE40	MCS 2x1	SU	-	5630	5460	57.68	45.97

Table 14 - CDD Restricted Band Edge Results

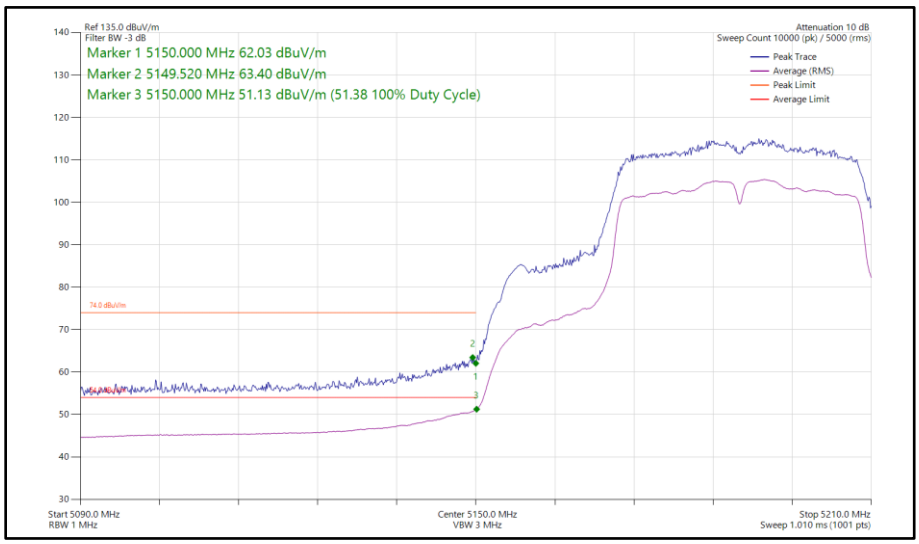

Figure 111 - 802.11n HT40, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

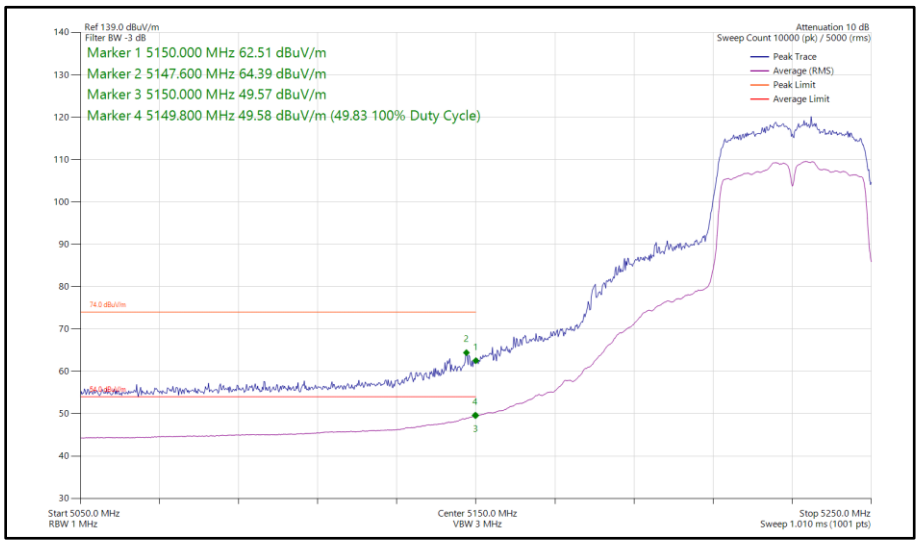

Figure 112 - 802.11n HT40, CDD, Core 0 - Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

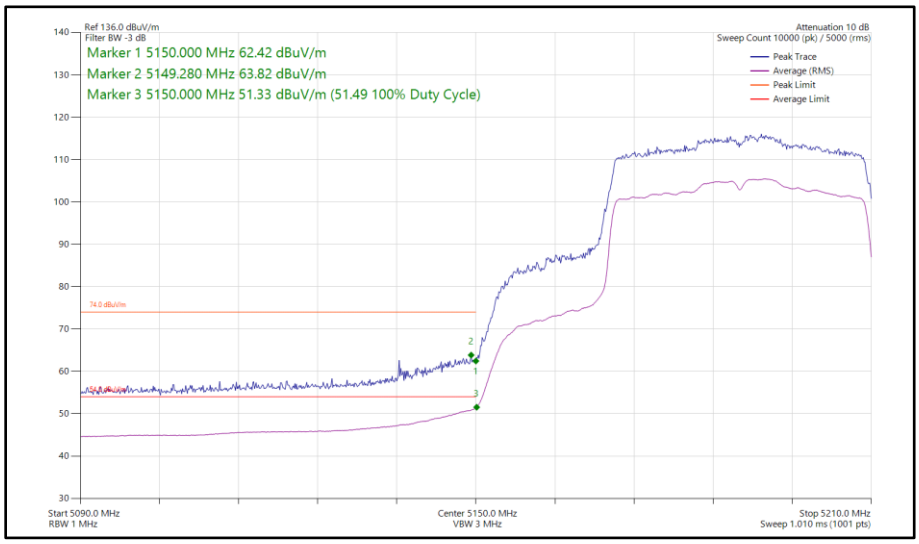

Figure 113 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

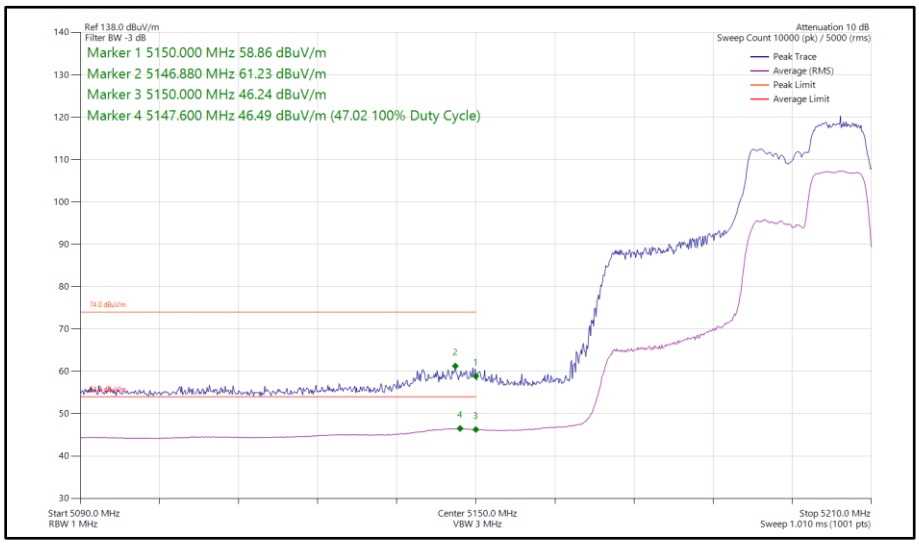

Figure 114 - 802.11ax HE40, RU 106-56, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

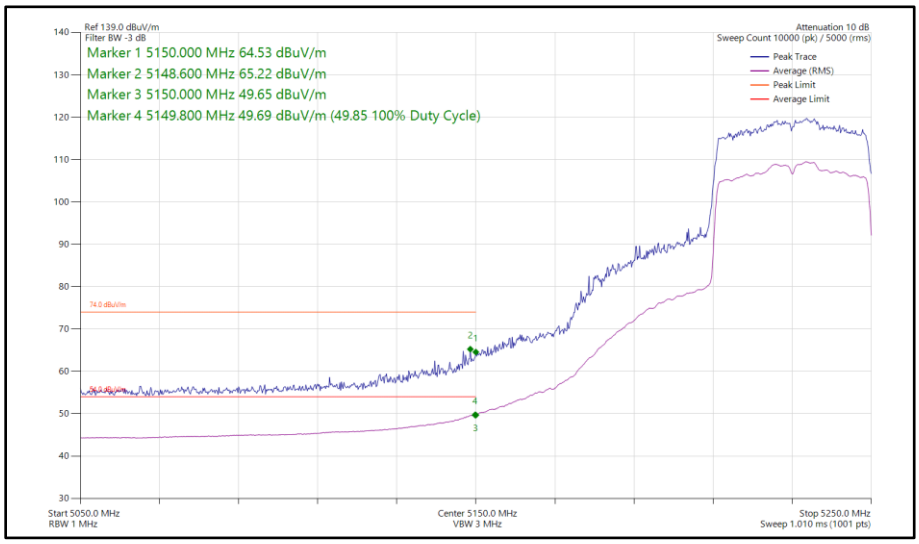

Figure 115 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

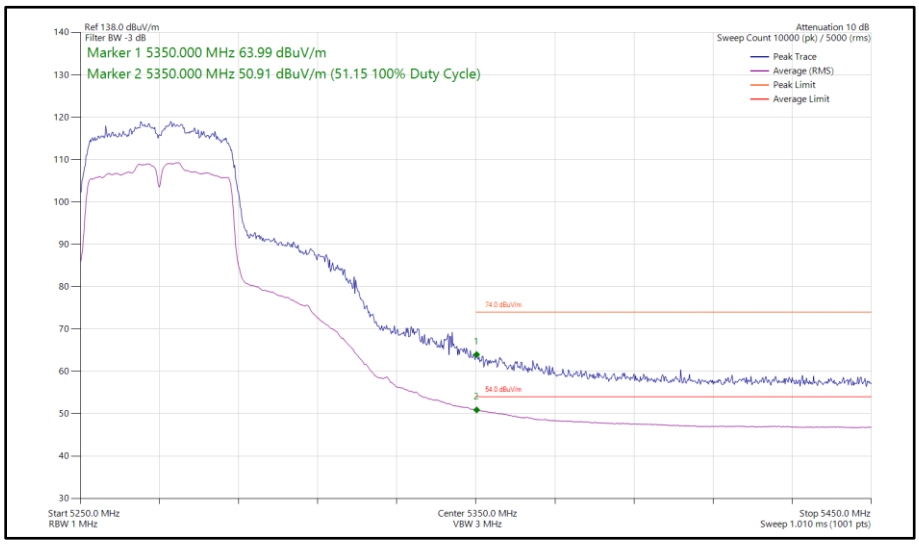

Figure 116 - 802.11n HT40, CDD, Core 0 - Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

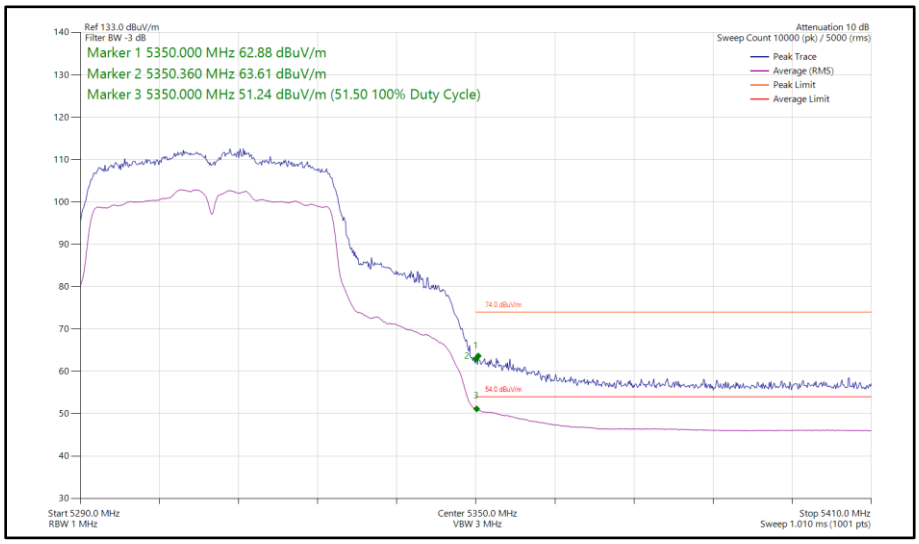

Figure 117 - 802.11n HT40, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

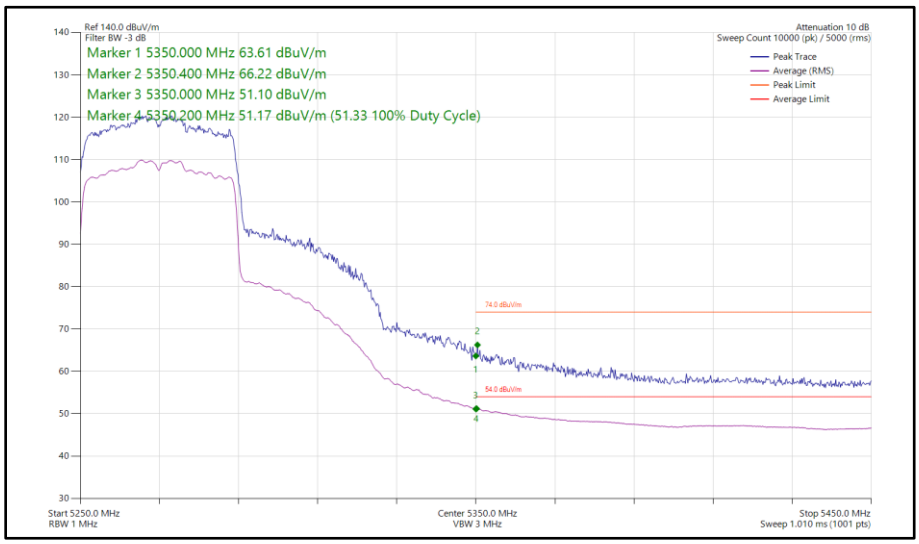

Figure 118 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

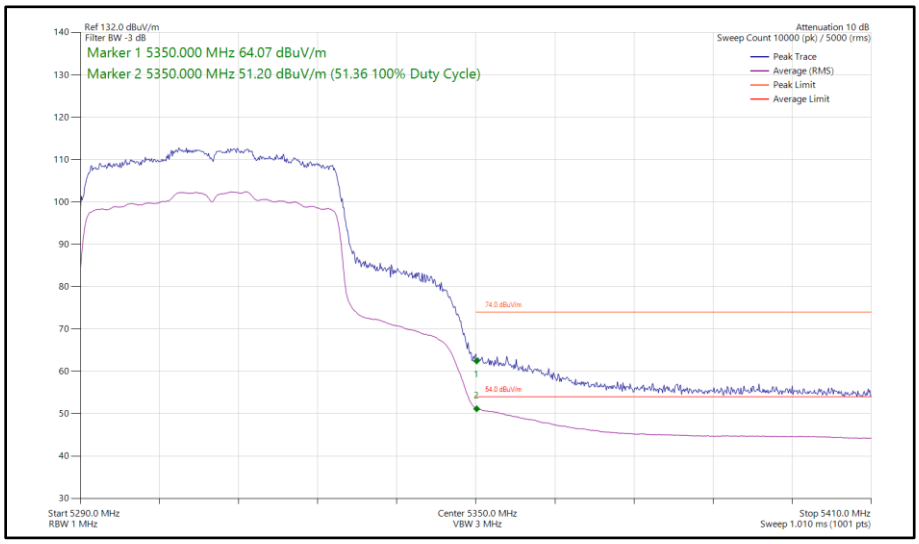

Figure 119 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

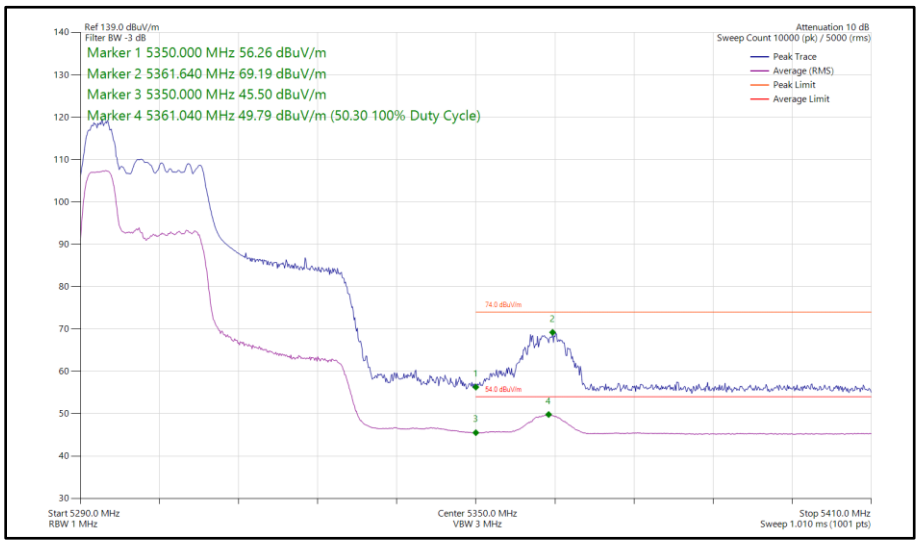

Figure 120 - 802.11ax HE40, RU 52-37, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

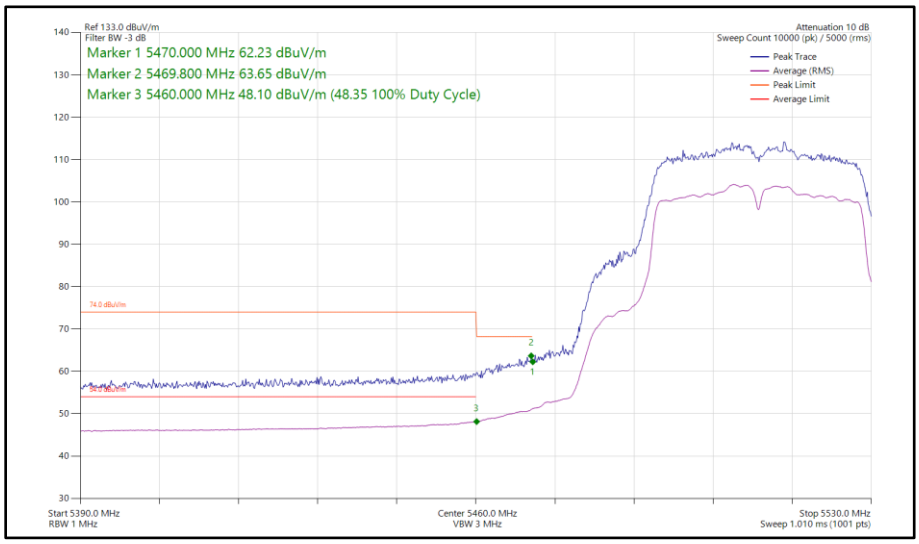

Figure 121 - 802.11n HT40, CDD, Core 0 - Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

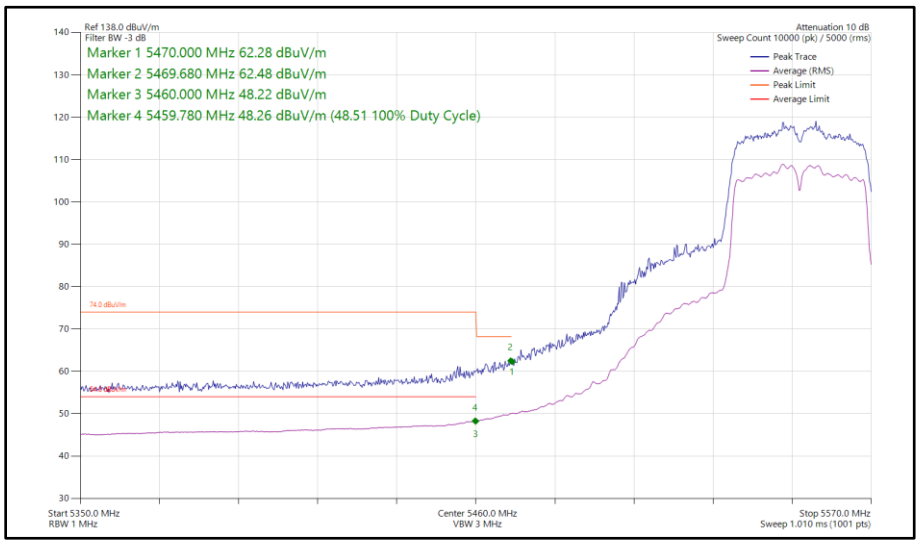

Figure 122 - 802.11n HT40, CDD, Core 0 - Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

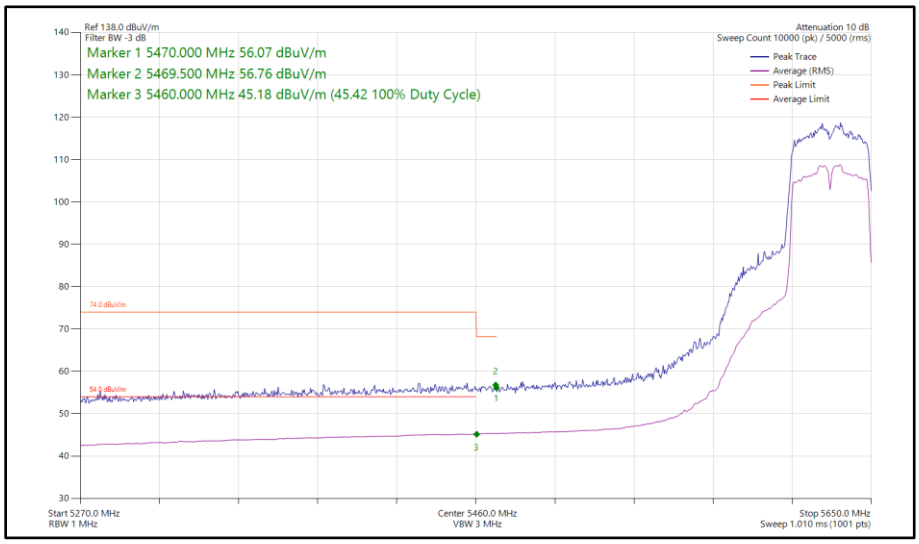

Figure 123 - 802.11n HT40, CDD, Core 0 - Core 1 - 5630 MHz Band Edge Frequency 5460 MHz