TUV SUD Limited Digitally signed by TUV SUD Limited Date: 2024.12.20 15:39:35 Z

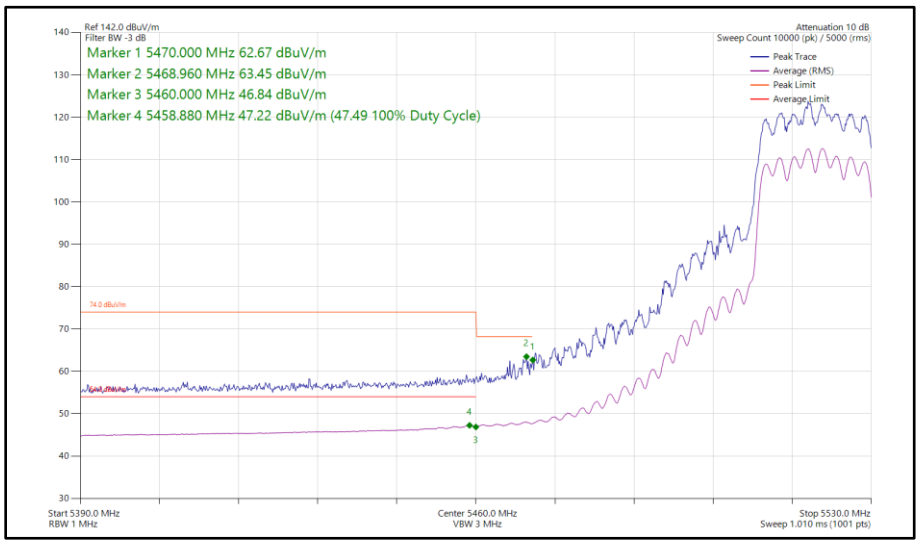

Figure 62 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

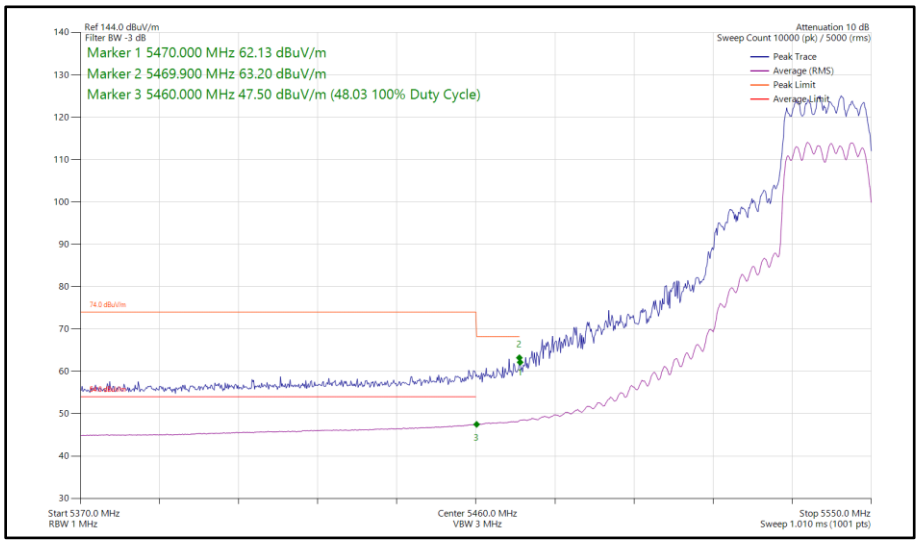

Figure 63 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5540 MHz Band Edge Frequency 5460 MHz

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 (dBµV/m)
802.11n HT20	MCS 4	-	-	5180	5150	65.80	51.49
802.11ax HE20	MCS 2x2	SU	-	5180	5150	64.04	51.31
802.11ax HE20	MCS 11x2	106	54	5180	5150	68.83	50.56
802.11ax HE20	MCS 11x2	SU	-	5200	5150	68.12	49.51
802.11n HT20	MCS 7	-	-	5320	5350	66.78	51.07
802.11ax HE20	MCS 11x2	SU	-	5300	5350	68.14	51.01
802.11ax HE20	MCS 11x2	SU	-	5320	5350	69.17	51.30
802.11ax HE20	MCS 11x2	106	54	5320	5350	66.89	50.37
802.11n HT20	MCS 2	-	-	5500	5460	63.48	48.56
802.11ax HE20	MCS 11x2	SU	-	5500	5460	63.52	47.38
802.11ax HE20	MCS 11x2	106	53	5500	5460	63.59	48.39
802.11ax HE20	MCS 11x2	SU	-	5520	5460	63.42	47.79
802.11ax HE20	MCS 11x2	SU	-	5540	5460	61.39	48.90

Table 10 - SDM Restricted Band Edge Results

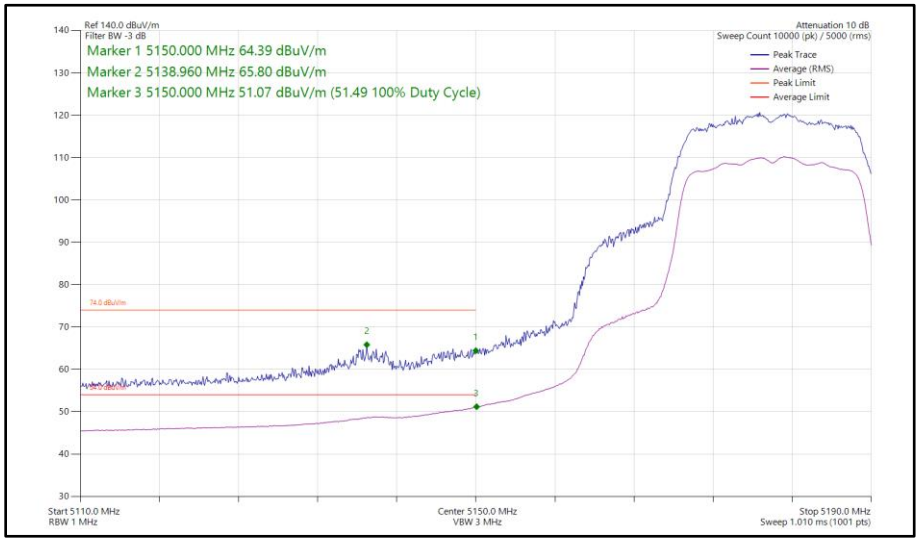

Figure 64 - 802.11n HT20, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

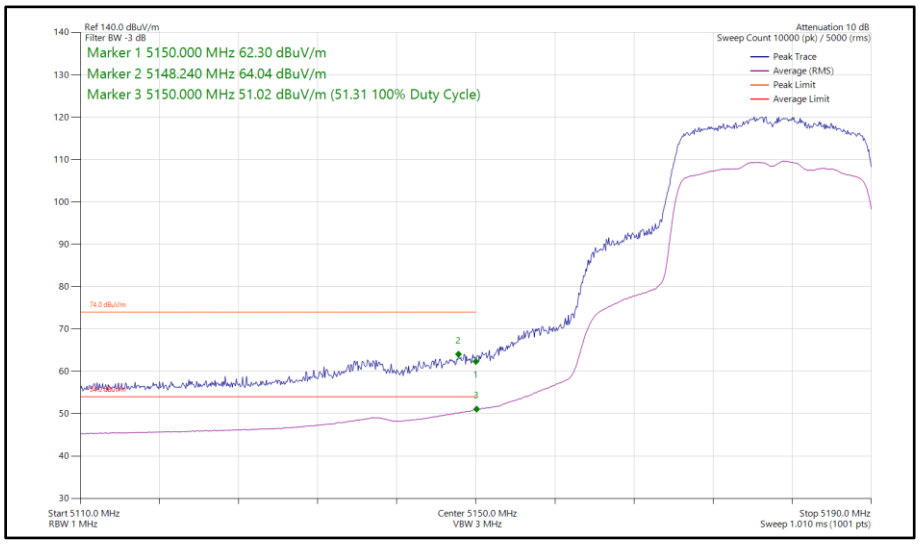

Figure 65 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

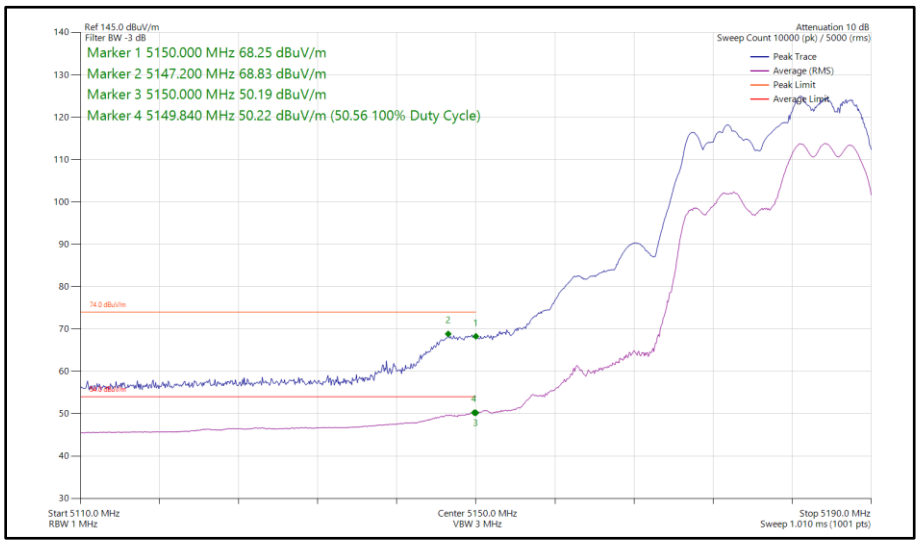

Figure 66 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

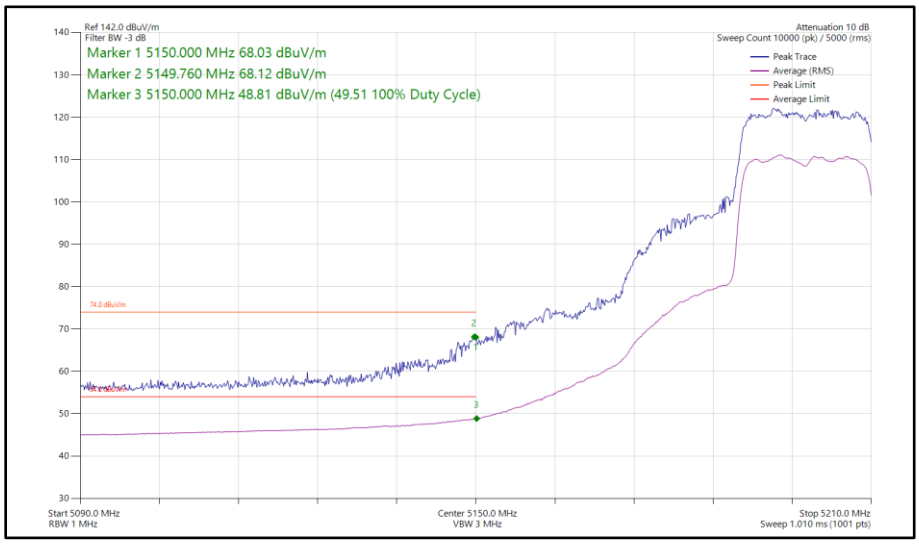

Figure 67 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

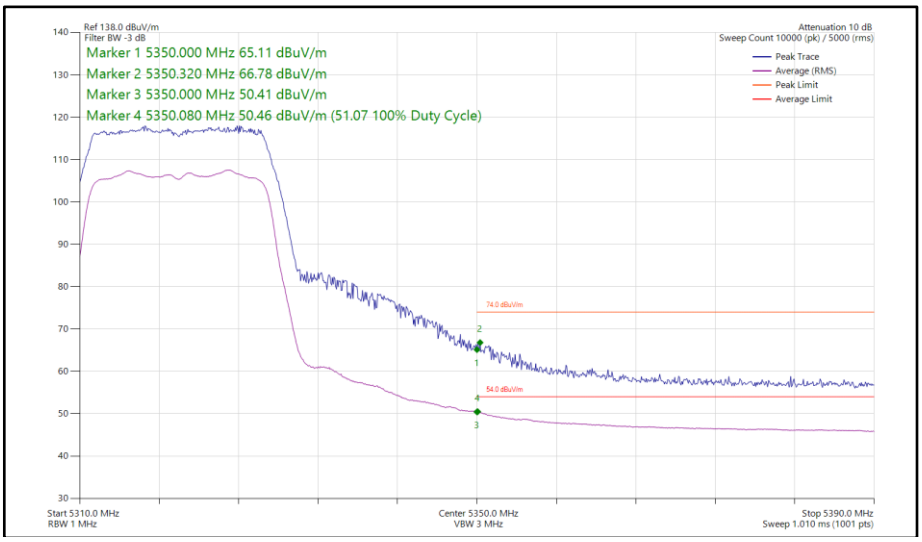

Figure 68 - 802.11n HT20, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

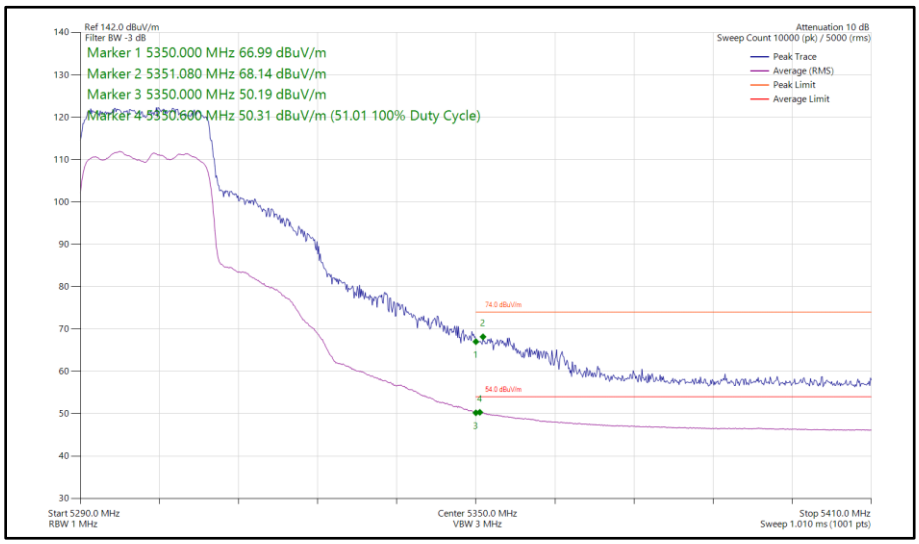

Figure 69 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

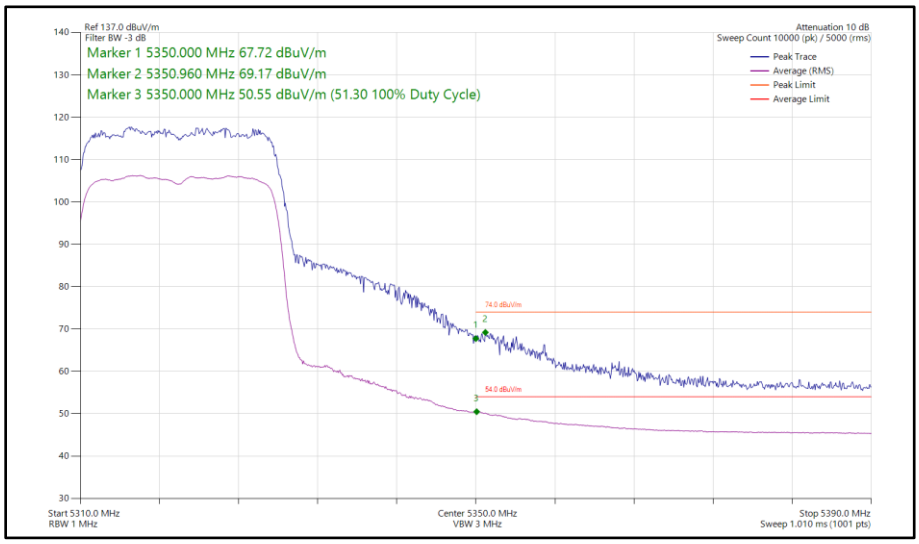

Figure 70 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

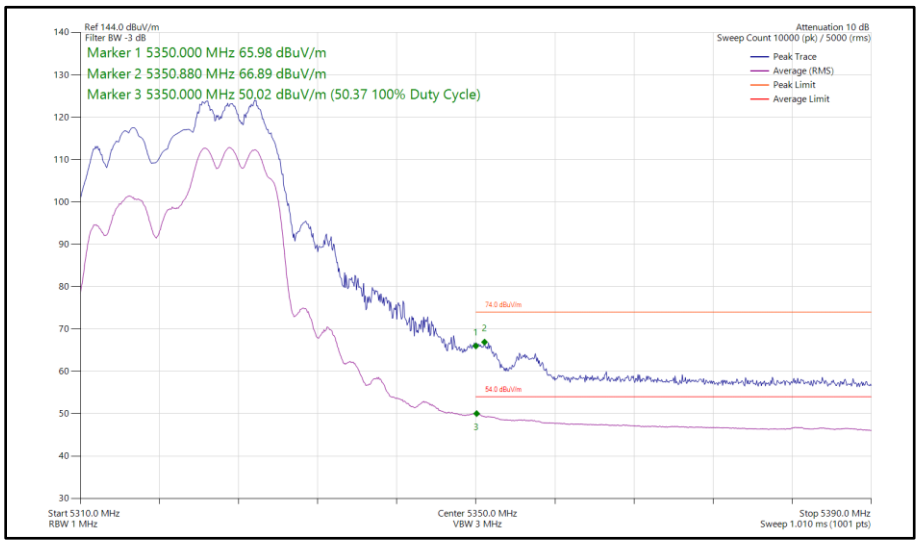

Figure 71 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

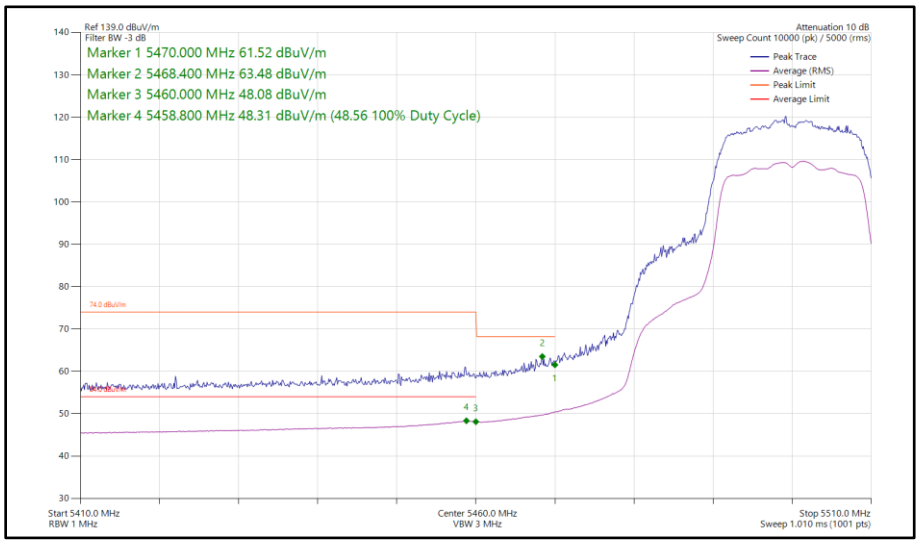

Figure 72 - 802.11n HT20, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

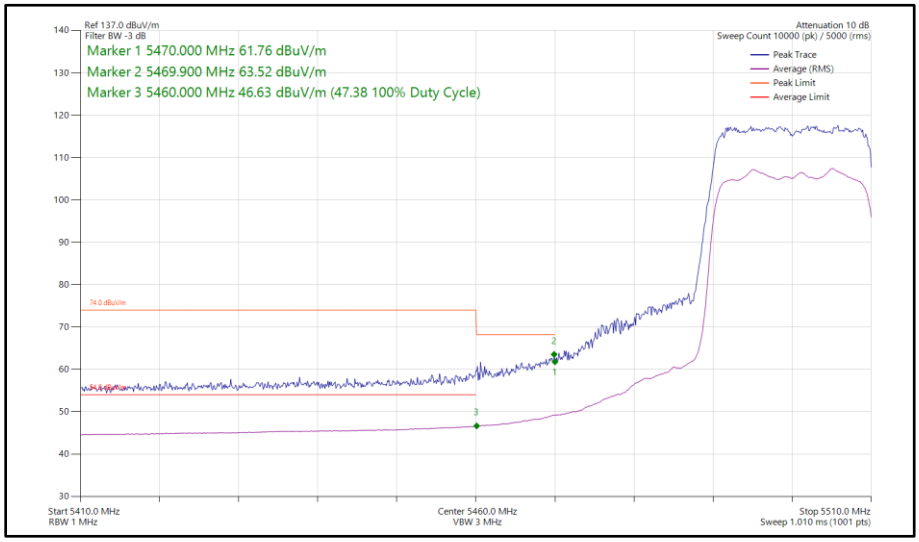

Figure 73 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

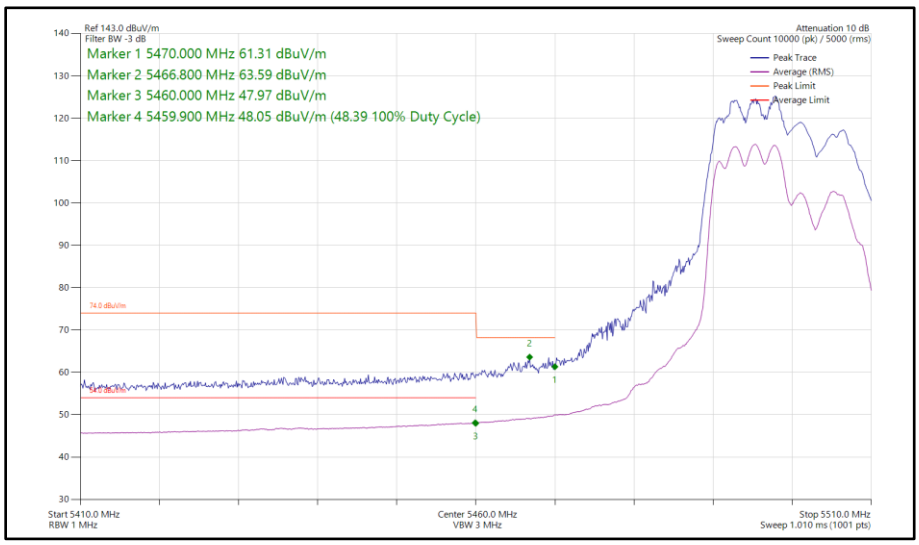

Figure 74 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

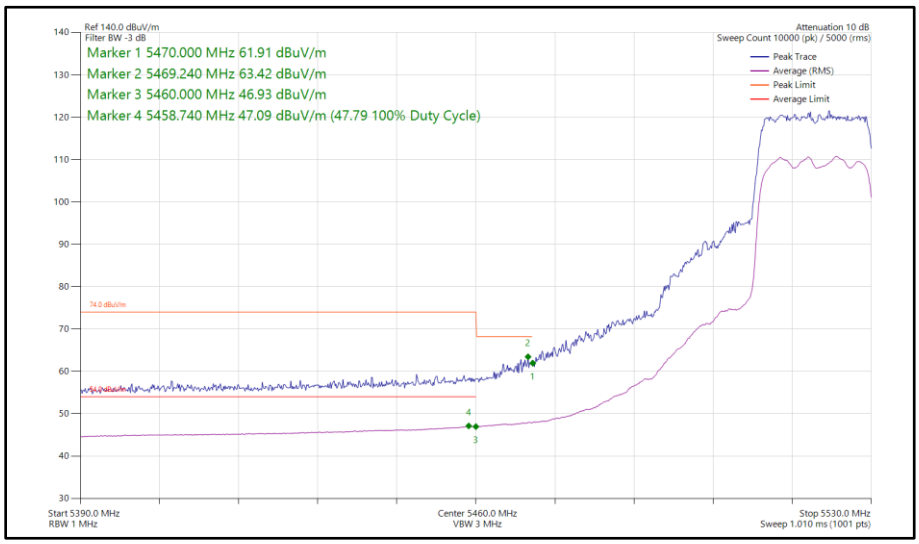

Figure 75 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

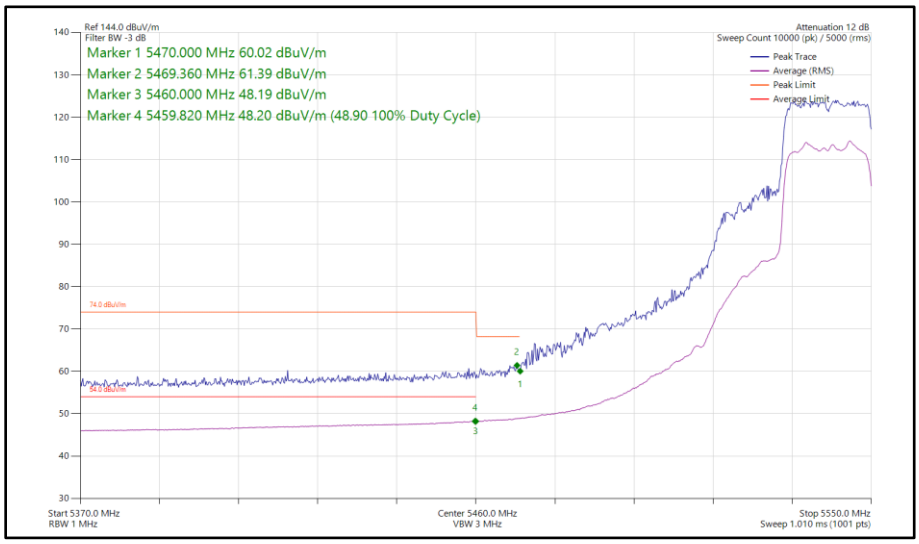

Figure 76 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5540 MHz Band Edge Frequency 5460 MHz

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 (dBµV/m)
802.11ac VHT20	MCS 2x1	-	-	5180	5150	65.12	50.99
802.11ac VHT20	MCS 4x1	-	-	5200	5150	63.43	48.30
802.11ac VHT20	MCS 7x1	-	-	5300	5350	68.23	49.45
802.11ac VHT20	MCS 2x1	-	-	5320	5350	66.50	51.37
802.11ac VHT20	MCS 2x1	-	-	5500	5460	63.43	48.85
802.11ac VHT20	MCS 4x1	-	-	5520	5460	69.48	48.26

Table 11 - TxBF Restricted Band Edge Results

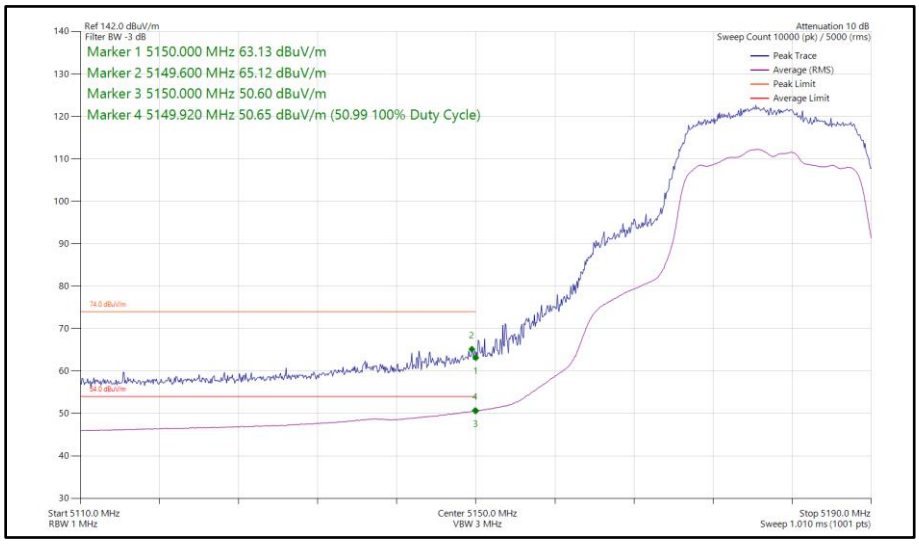

Figure 77 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

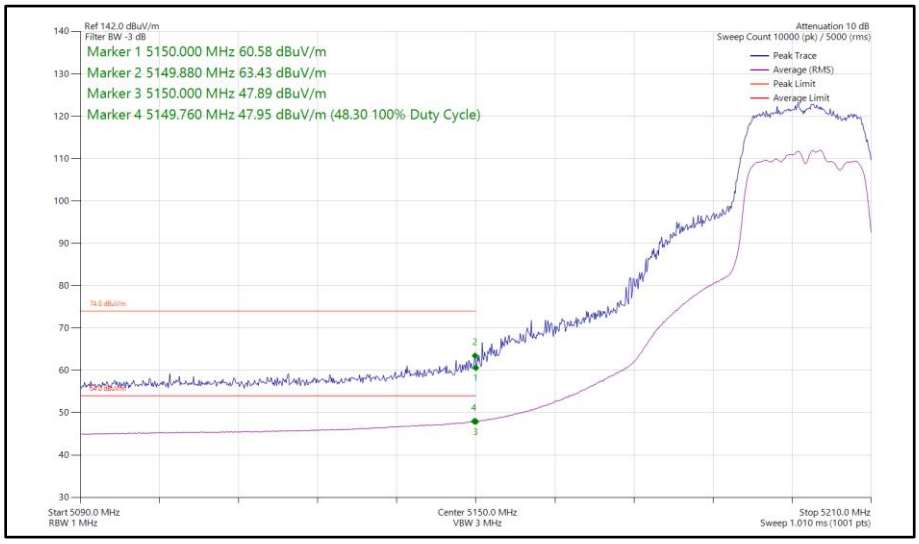

Figure 78 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

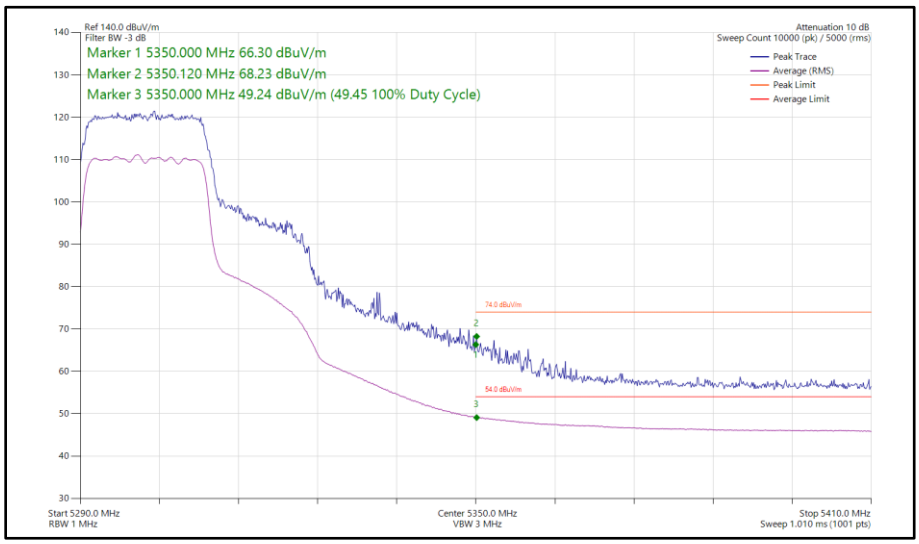

Figure 79 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

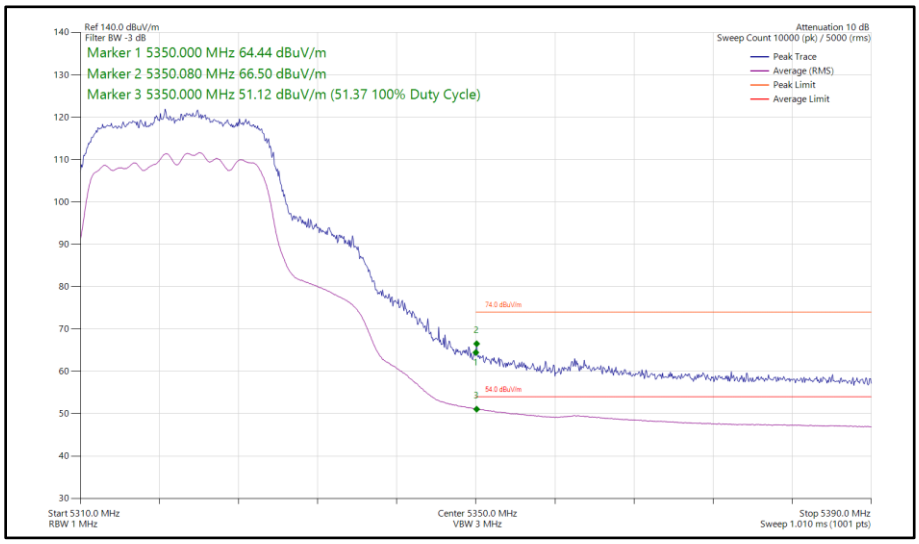

Figure 80 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

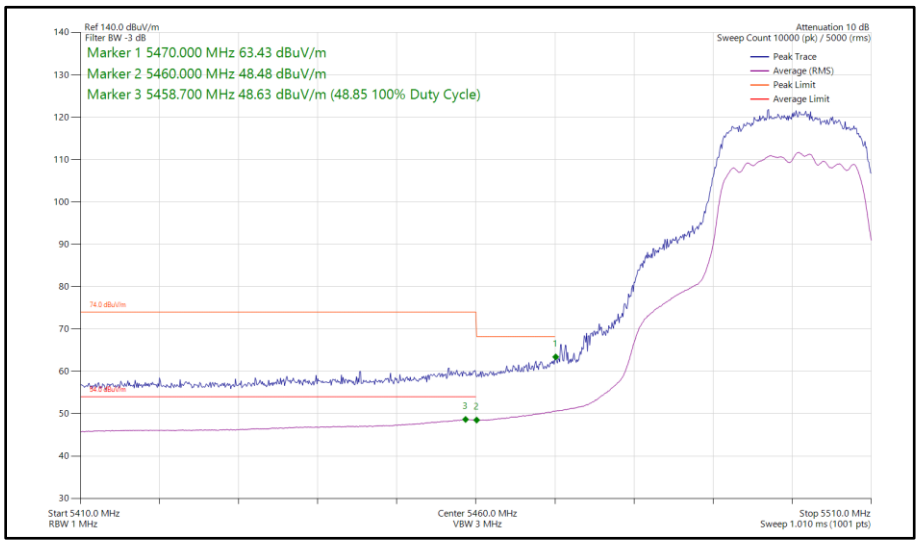

Figure 81 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

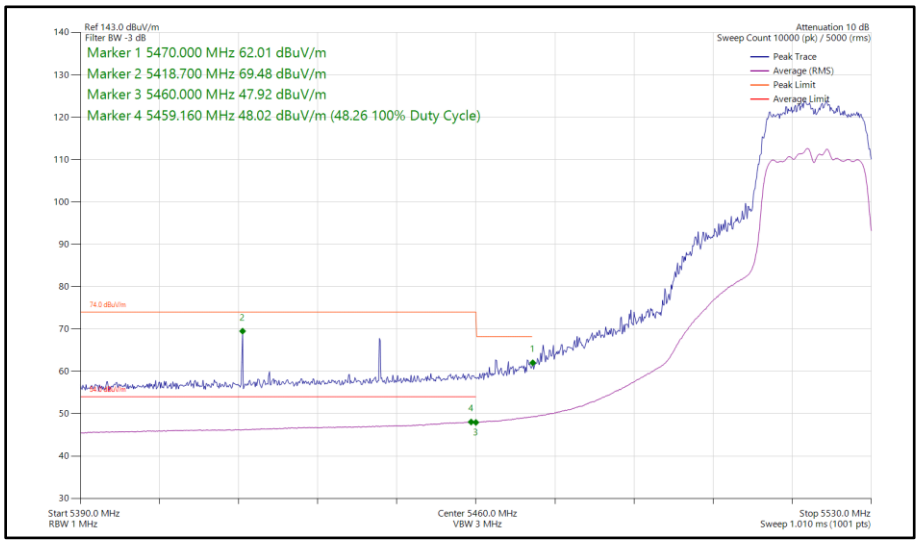

Figure 82 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

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 (dBµV/m)
802.11n HT40	MCS 7	-	-	5190	5150	68.89	51.49
802.11n HT40	MCS 7	-	-	5230	5150	67.97	51.03
802.11ax HE40	MCS 2x1	SU	-	5190	5150	63.64	51.46
802.11ax HE40	MCS 11x1	106	56	5190	5150	62.45	47.91
802.11ax HE40	MCS 4x1	SU	-	5230	5150	66.96	51.19
802.11n HT40	MCS 7	-	-	5270	5350	68.64	51.39
802.11n HT40	MCS 4	-	-	5310	5350	64.68	51.39
802.11ax HE40	MCS 2x1	SU	-	5270	5350	65.01	51.15
802.11ax HE40	MCS 4x1	SU	-	5310	5350	64.56	51.47
802.11ax HE40	MCS 11x1	52	37	5310	5350	69.08	49.04
802.11n HT40	MCS 2	-	-	5510	5460	63.68	48.51
802.11n HT40	MCS 4	-	-	5550	5460	63.48	48.11
802.11ax HE40	MCS 2x1	SU	-	5510	5460	63.52	47.96
802.11ax HE40	MCS 11x1	52	44	5510	5460	63.44	46.91
802.11ax HE40	MCS 11x1	SU	-	5550	5460	63.54	47.14

Table 12 - SISO Restricted Band Edge Results

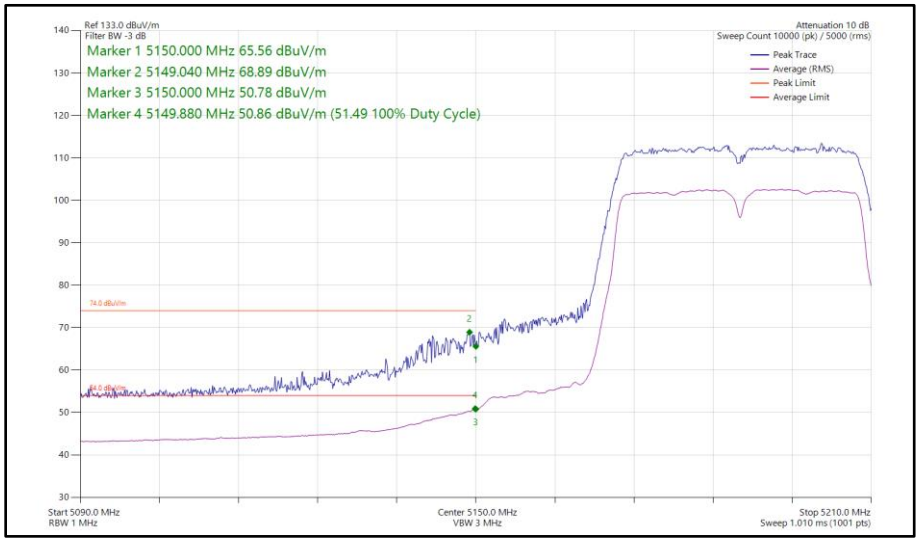

Figure 83 - 802.11n HT40, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

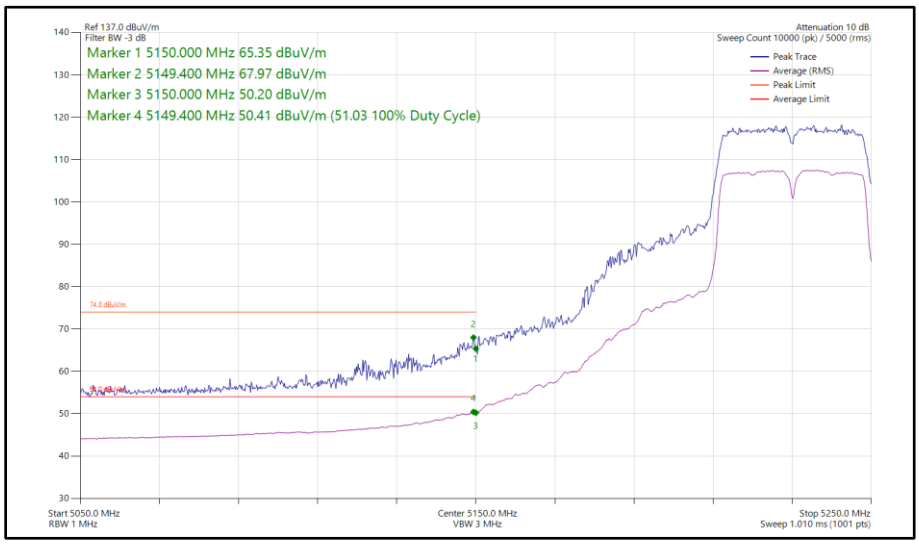

Figure 84 - 802.11n HT40, SISO, Core 0 - 5230 MHz
Band Edge Frequency 5150 MHz

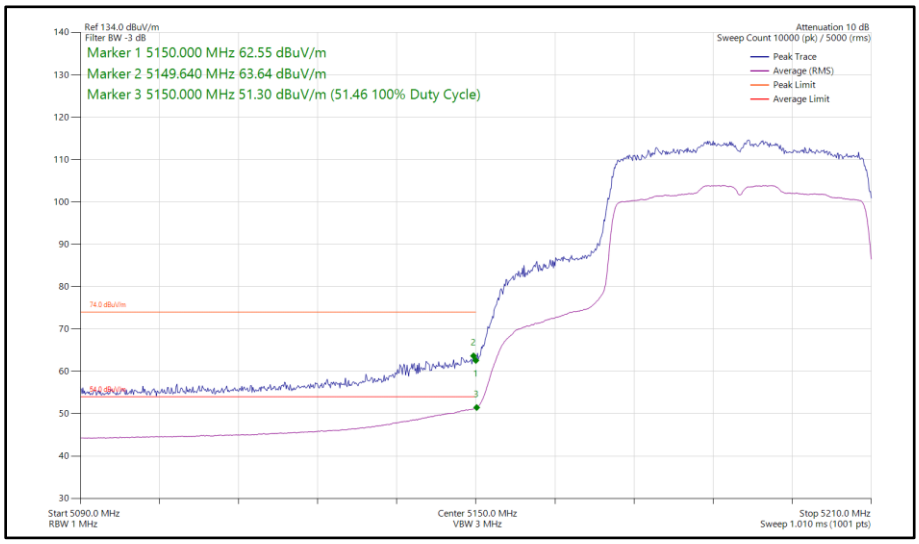

Figure 85 - 802.11ax HE40, SU, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

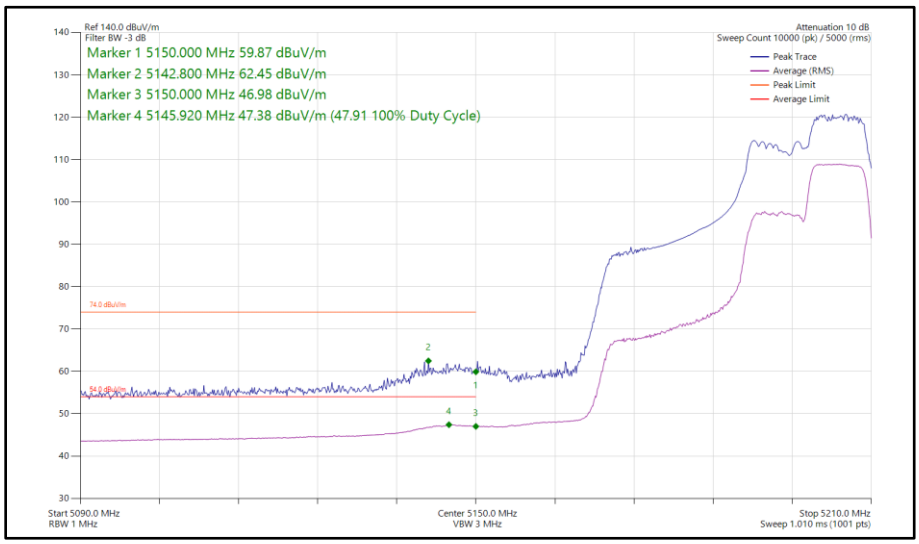

Figure 86 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5190 MHz Band Edge Frequency 5150 MHz

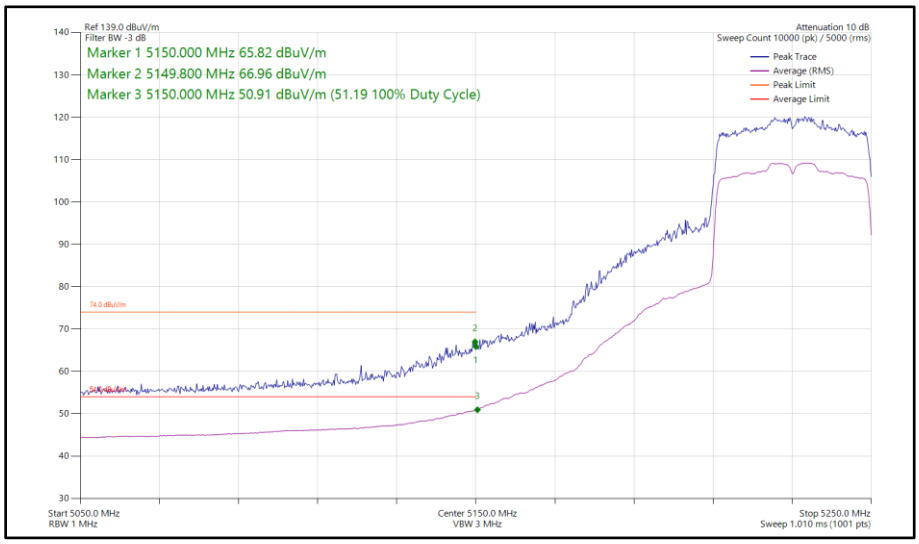

Figure 87 - 802.11ax HE40, SU, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

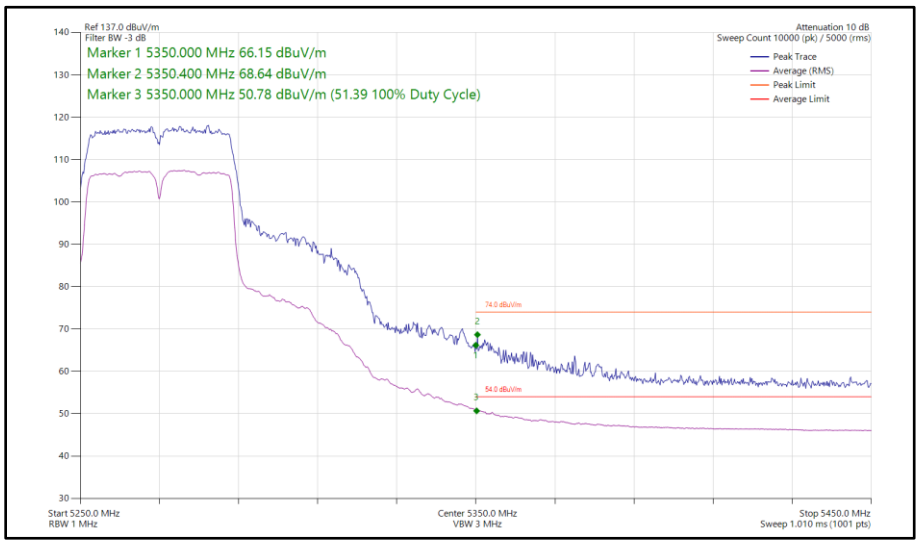

Figure 88 - 802.11n HT40, SISO, Core 0 - 5270 MHz
Band Edge Frequency 5350 MHz

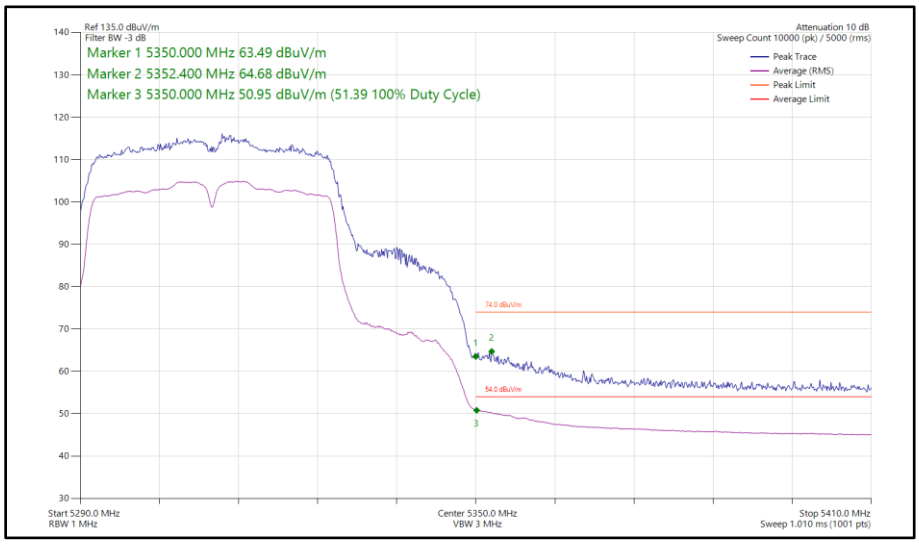

Figure 89 - 802.11n HT40, SISO, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

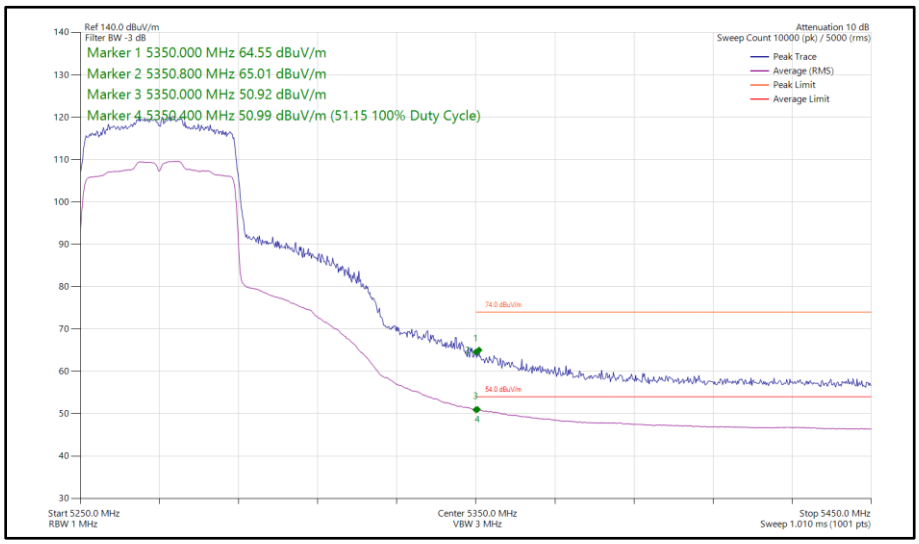

Figure 90 - 802.11ax HE40, SU, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

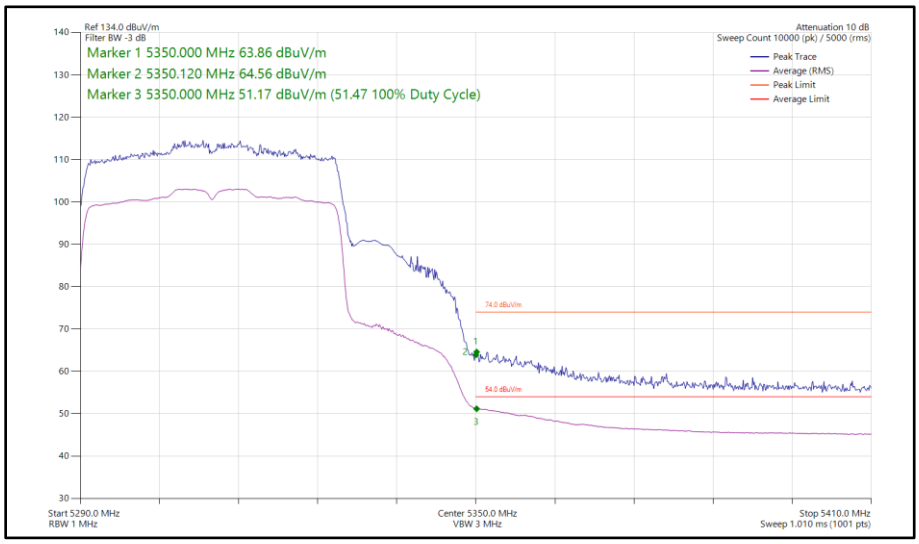

Figure 91 - 802.11ax HE40, SU, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

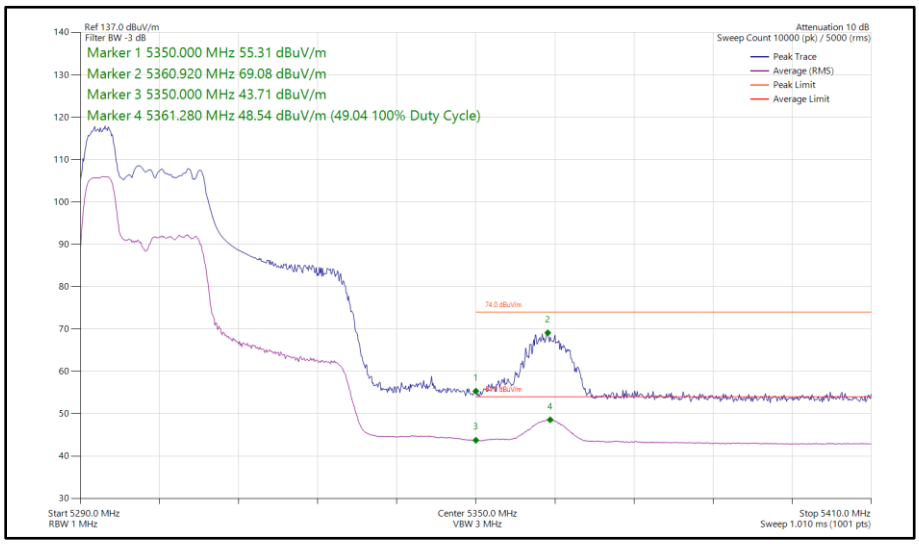

Figure 92 - 802.11ax HE40, RU 52-37, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

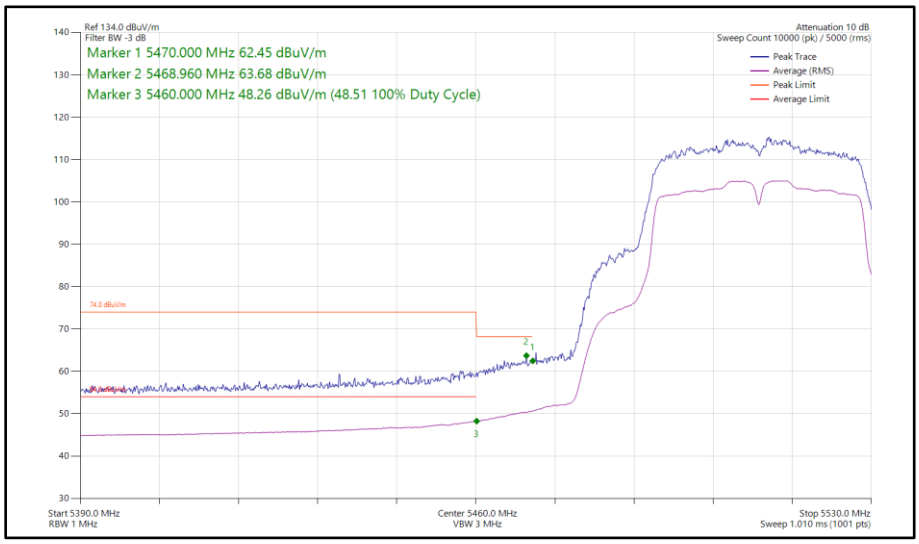

Figure 93 - 802.11n HT40, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

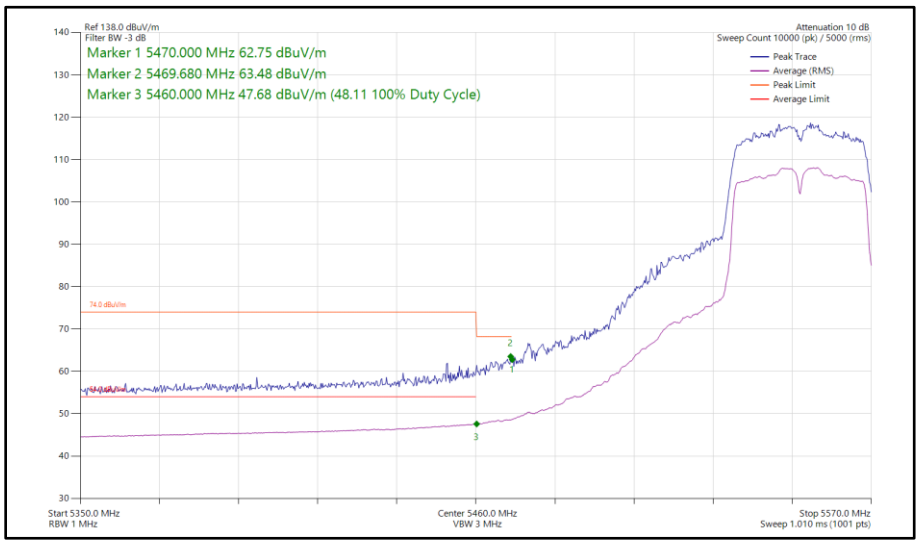

Figure 94 - 802.11n HT40, SISO, Core 0 - 5550 MHz
Band Edge Frequency 5460 MHz

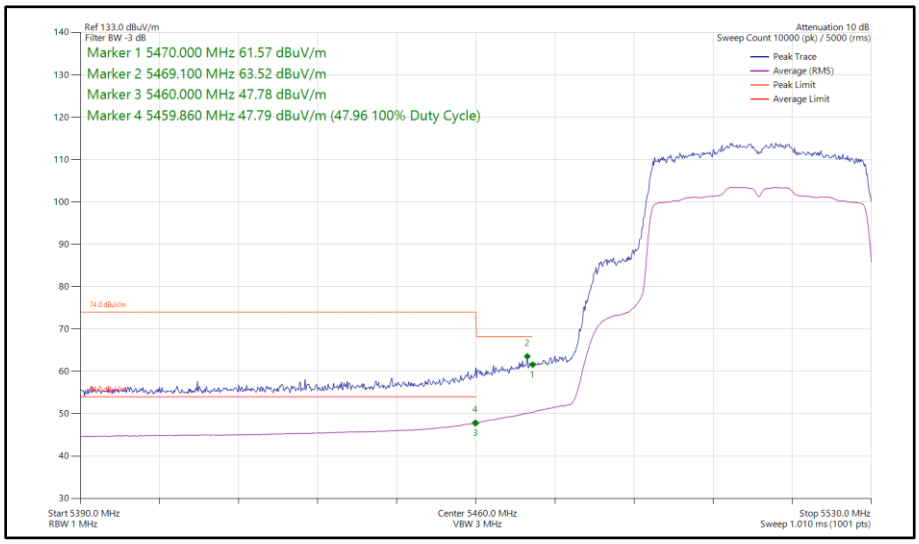

Figure 95 - 802.11ax HE40, SU, SISO, Core 0 - 5510 MHz
Band Edge Frequency 5460 MHz

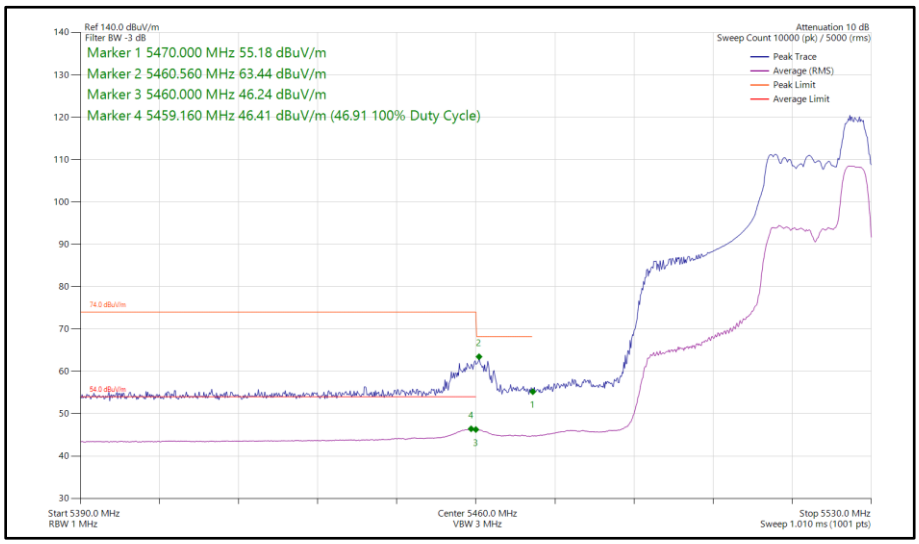

Figure 96 - 802.11ax HE40, RU 52-44, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

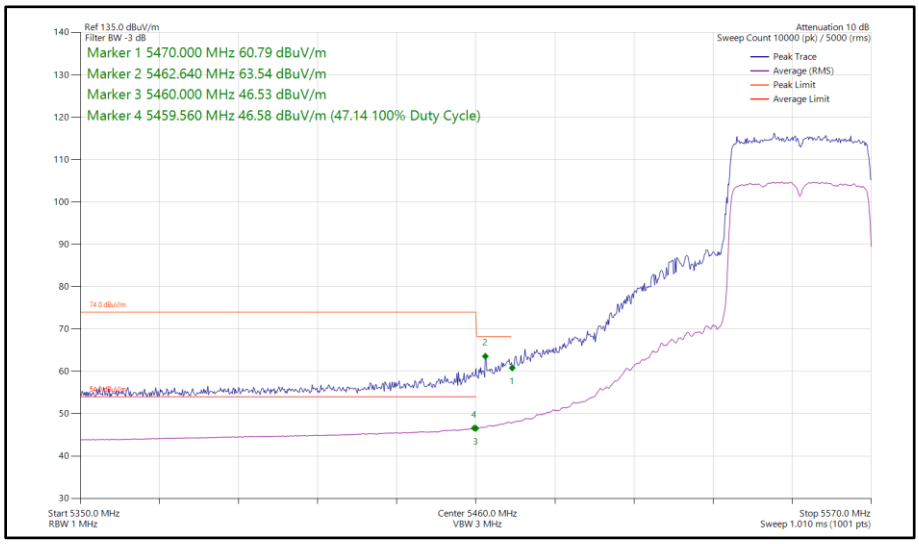

Figure 97 - 802.11ax HE40, SU, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

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 (dBµV/m)
802.11n HT40	MCS 4	-	-	5190	5150	64.44	51.42
802.11n HT40	MCS 7	-	-	5230	5150	67.84	51.30
802.11ax HE40	MCS 4x1	SU	-	5190	5150	63.66	51.26
802.11ax HE40	MCS 11x1	106	56	5190	5150	62.14	46.61
802.11ax HE40	MCS 11x1	SU	-	5230	5150	68.07	50.85
802.11n HT40	MCS 7	-	-	5270	5350	67.65	51.05
802.11n HT40	MCS 4	-	-	5310	5350	63.17	51.43
802.11ax HE40	MCS 11x1	SU	-	5270	5350	68.14	51.09
802.11ax HE40	MCS 11x1	SU	-	5310	5350	65.13	51.39
802.11ax HE40	MCS 11x1	52	37	5310	5350	69.33	49.47
802.11n HT40	MCS 2	-	-	5510	5460	63.69	48.30
802.11n HT40	MCS 2	-	-	5550	5460	63.59	49.29
802.11ax HE40	MCS 11x1	SU	-	5510	5460	63.40	47.54
802.11ax HE40	MCS 11x1	106	56	5510	5460	63.24	47.16
802.11ax HE40	MCS 2x1	SU	-	5550	5460	63.61	47.67

Table 13 - SISO Restricted Band Edge Results

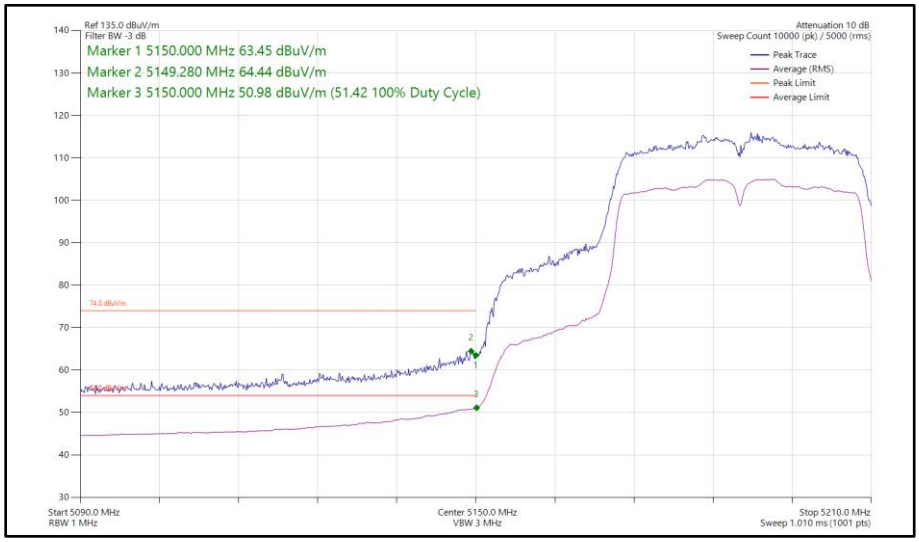

Figure 98 - 802.11n HT40, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

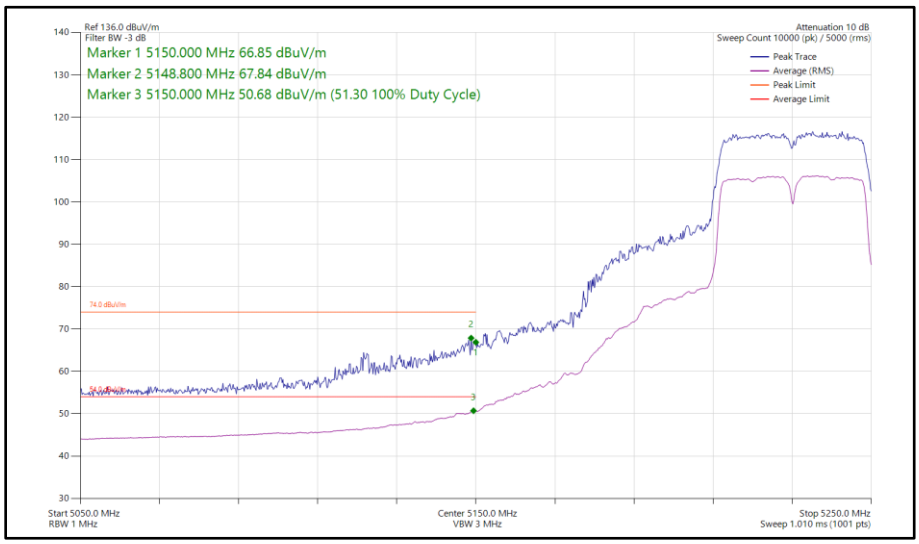

Figure 99 - 802.11n HT40, SISO, Core 1 - 5230 MHz
Band Edge Frequency 5150 MHz

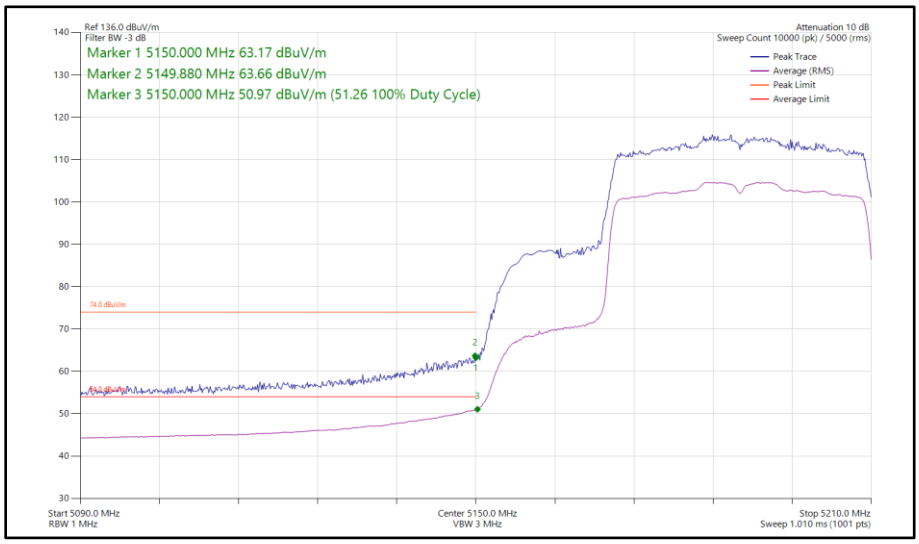

Figure 100 - 802.11ax HE40, SU, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

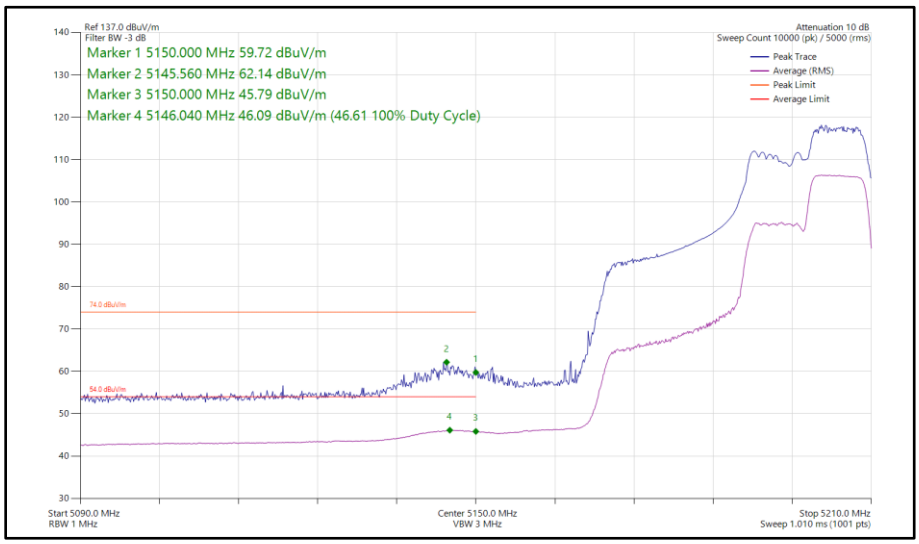

Figure 101 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

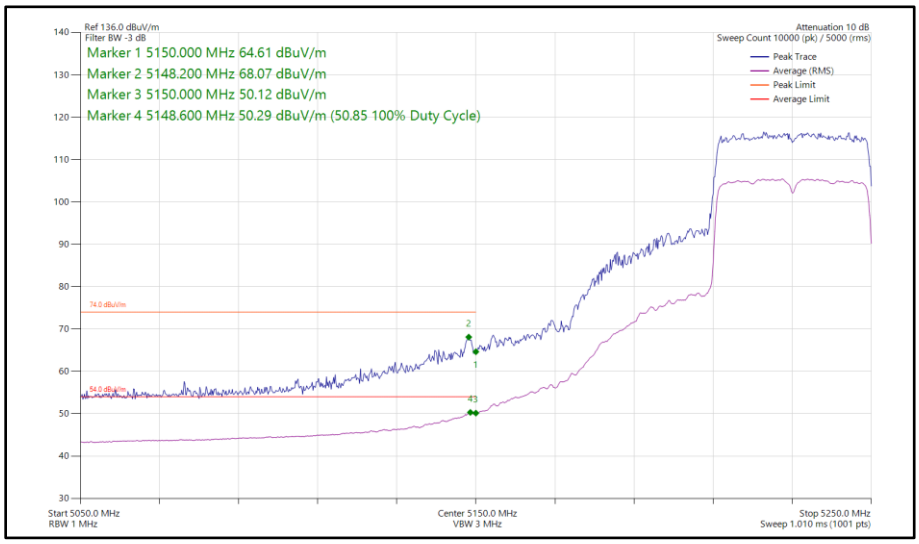

Figure 102 - 802.11ax HE40, SU, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

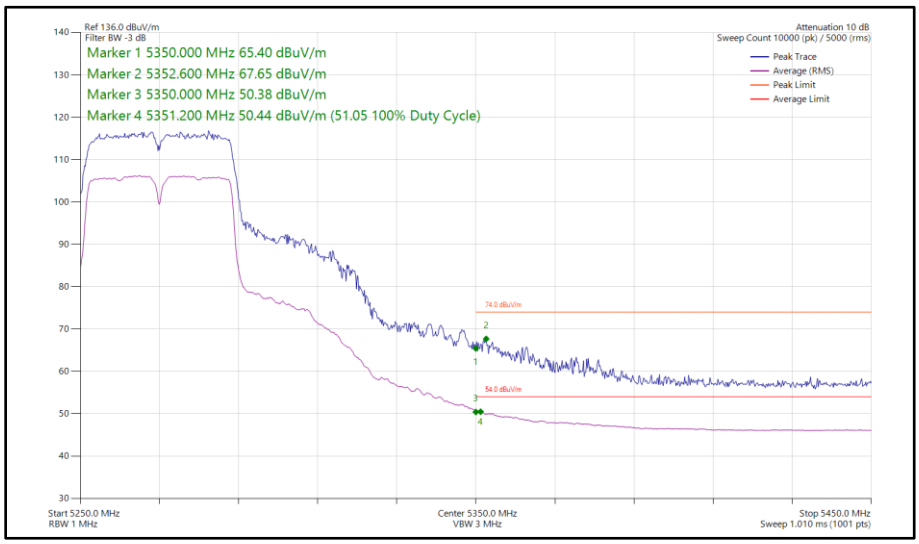

Figure 103 - 802.11n HT40, SISO, Core 1 - 5270 MHz
Band Edge Frequency 5350 MHz

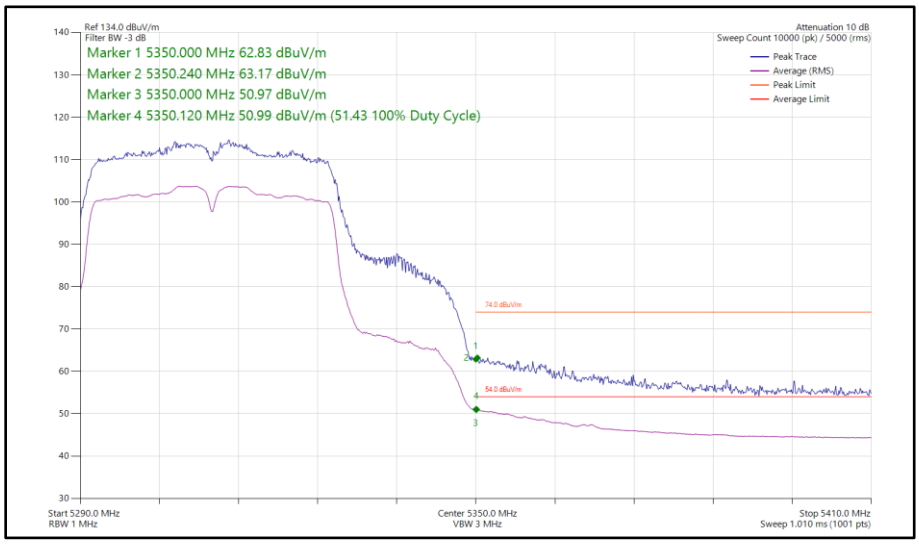

Figure 104 - 802.11n HT40, SISO, Core 1 - 5310 MHz
Band Edge Frequency 5350 MHz

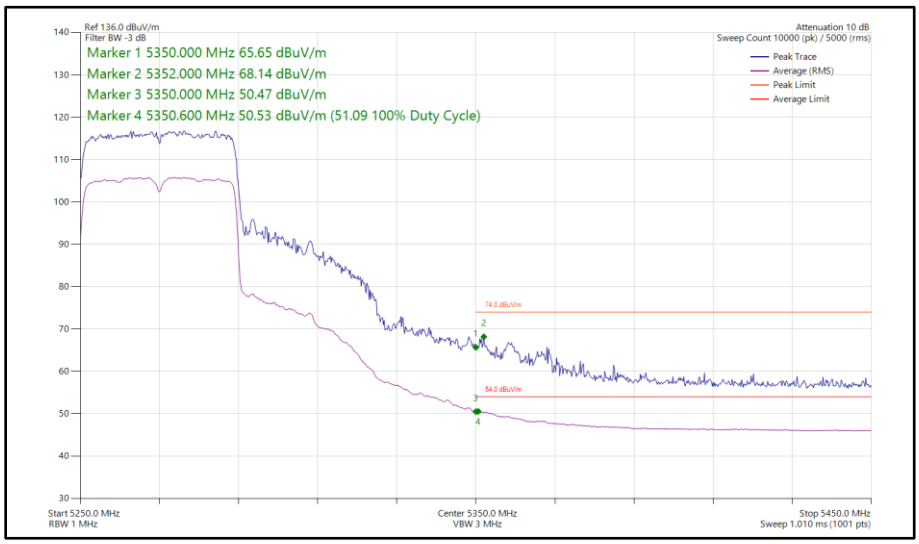

Figure 105 - 802.11ax HE40, SU, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

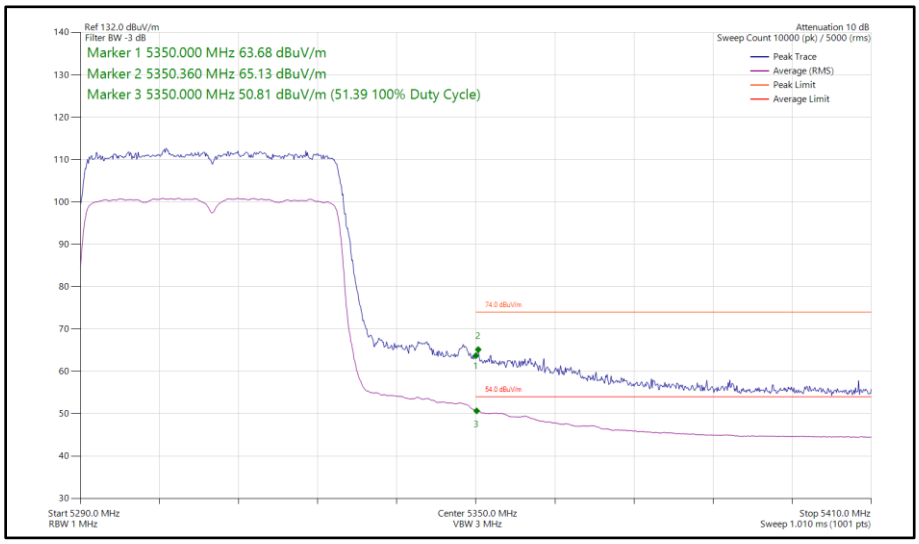

Figure 106 - 802.11ax HE40, SU, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

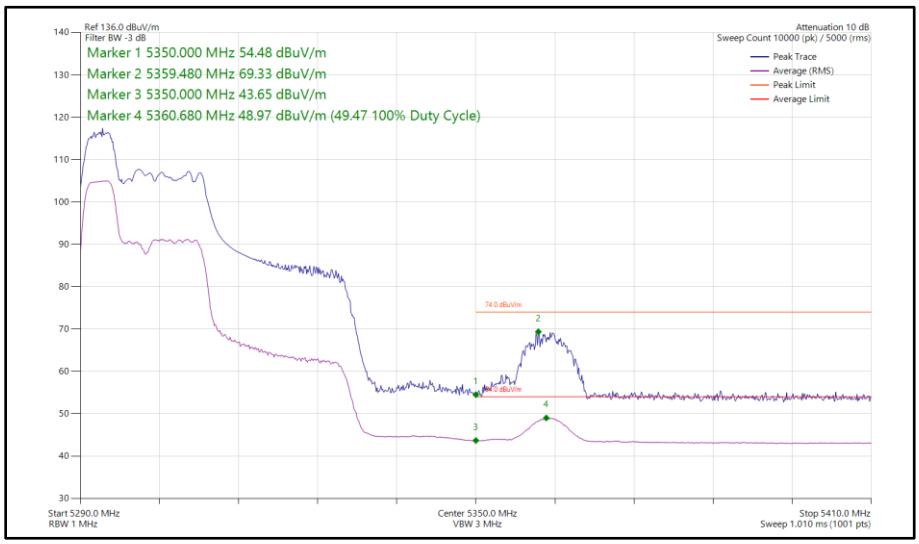

Figure 107 - 802.11ax HE40, RU 52-37, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

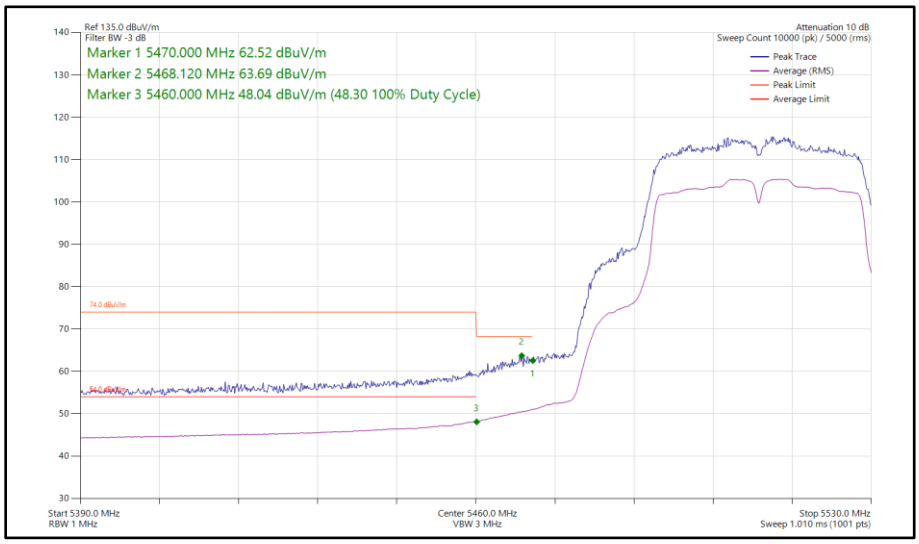

Figure 108 - 802.11n HT40, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

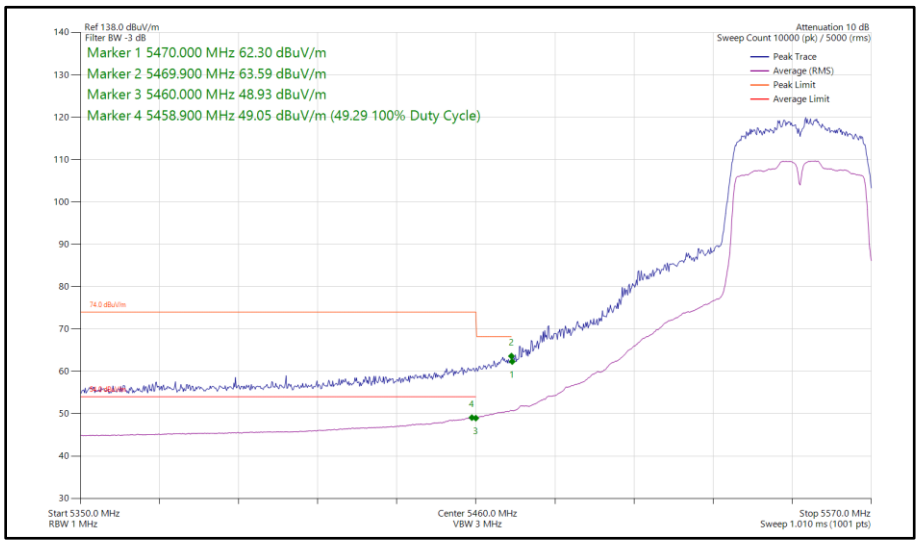

Figure 109 - 802.11n HT40, SISO, Core 1 - 5550 MHz
Band Edge Frequency 5460 MHz

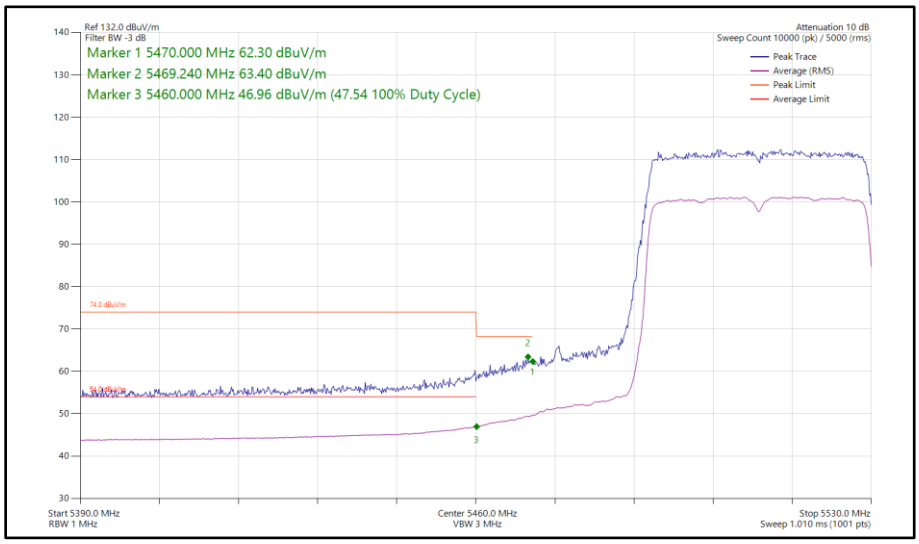

Figure 110 - 802.11ax HE40, SU, SISO, Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz

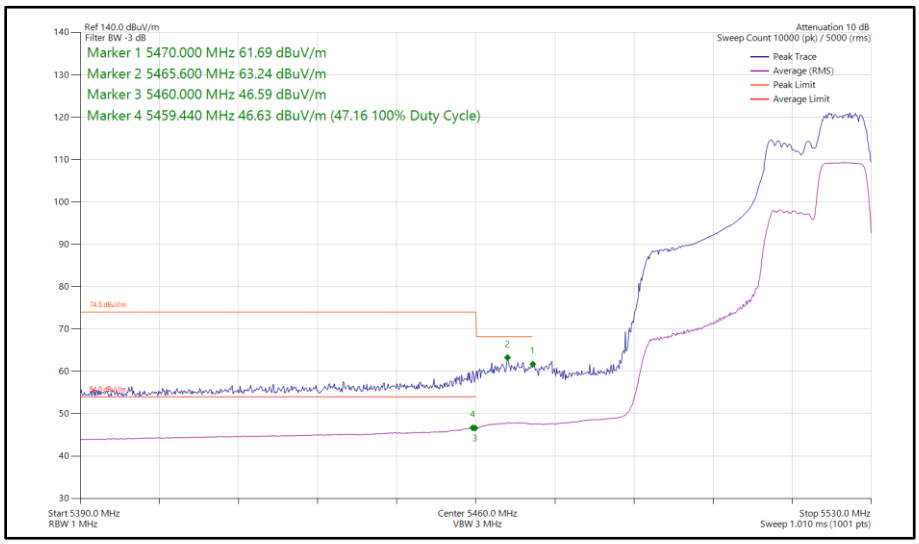

Figure 111 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

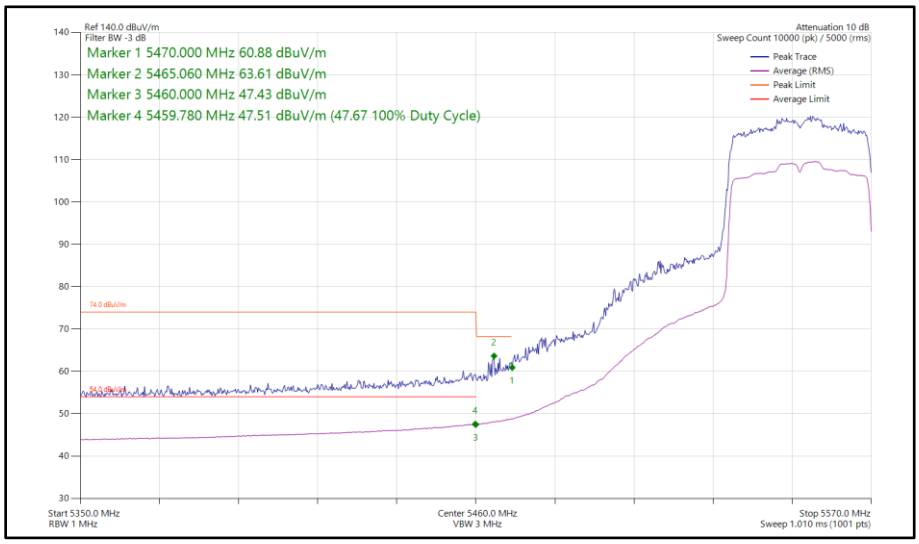

Figure 112 - 802.11ax HE40, SU, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

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 (dBµV/m)
802.11n HT40	MCS 2	-	-	5190	5150	63.16	51.18
802.11n HT40	MCS 2	-	-	5230	5150	64.34	51.39
802.11ax HE40	MCS 4x1	SU	-	5190	5150	63.75	51.49
802.11ax HE40	MCS 11x1	106	56	5190	5150	62.28	49.02
802.11ax HE40	MCS 2x1	SU	-	5230	5150	66.76	51.47
802.11n HT40	MCS 2	-	-	5270	5350	63.64	51.45
802.11n HT40	MCS 7	-	-	5310	5350	69.16	51.29
802.11ax HE40	MCS 4x1	SU	-	5270	5350	67.30	51.11
802.11ax HE40	MCS 2x1	SU	-	5310	5350	63.84	51.50
802.11ax HE40	MCS 11x1	52	37	5310	5350	69.42	50.40
802.11n HT40	MCS 2	-	-	5510	5460	63.68	47.90
802.11n HT40	MCS 4	-	-	5550	5460	63.45	48.95
802.11n HT40	MCS 7	-	-	5590	5460	61.74	48.11
802.11ax HE40	MCS 4x1	SU	-	5510	5460	63.61	48.00
802.11ax HE40	MCS 11x1	106	53	5510	5460	63.34	48.63
802.11ax HE40	MCS 11x1	SU	-	5550	5460	63.60	48.68
802.11ax HE40	MCS 11x1	SU	-	5590	5460	62.01	48.76

Table 14 - CDD Restricted Band Edge Results

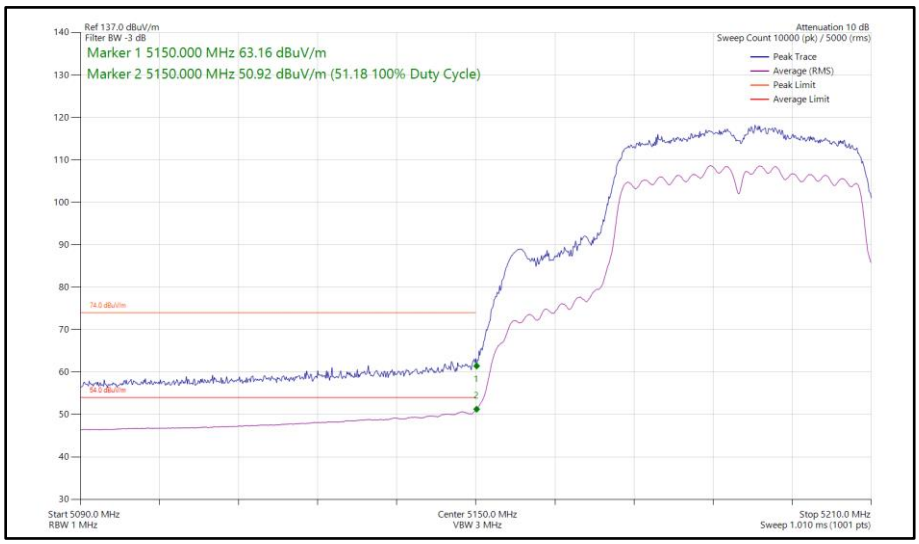

Figure 113 - 802.11n HT40, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

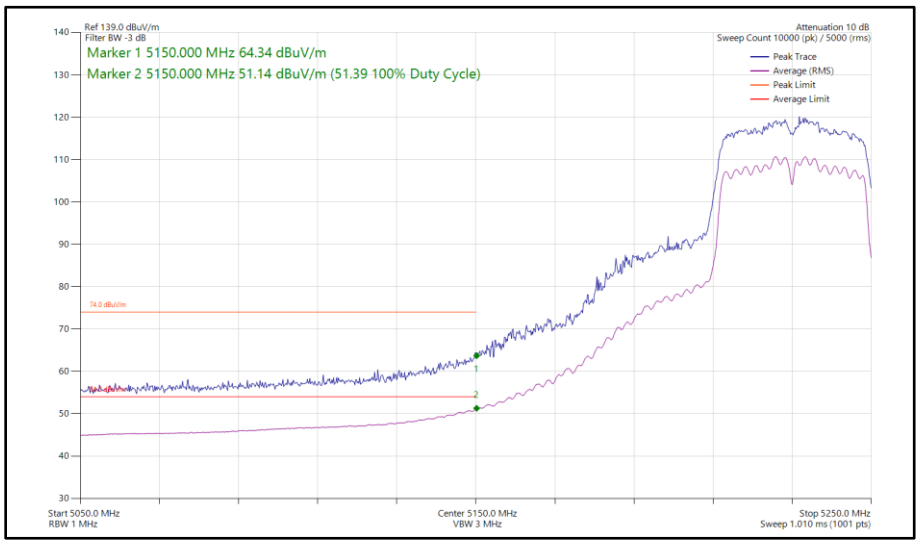

Figure 114 - 802.11n HT40, CDD, Core 0 - Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

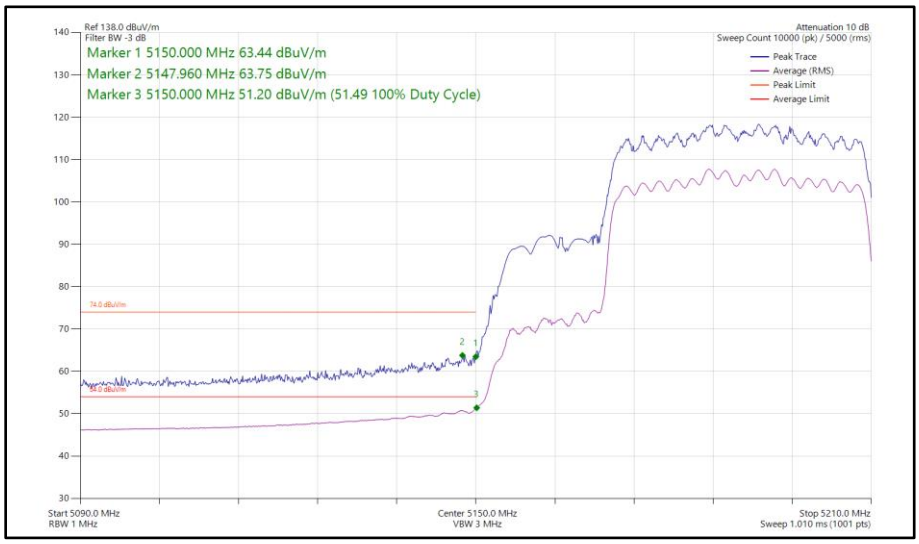

Figure 115 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

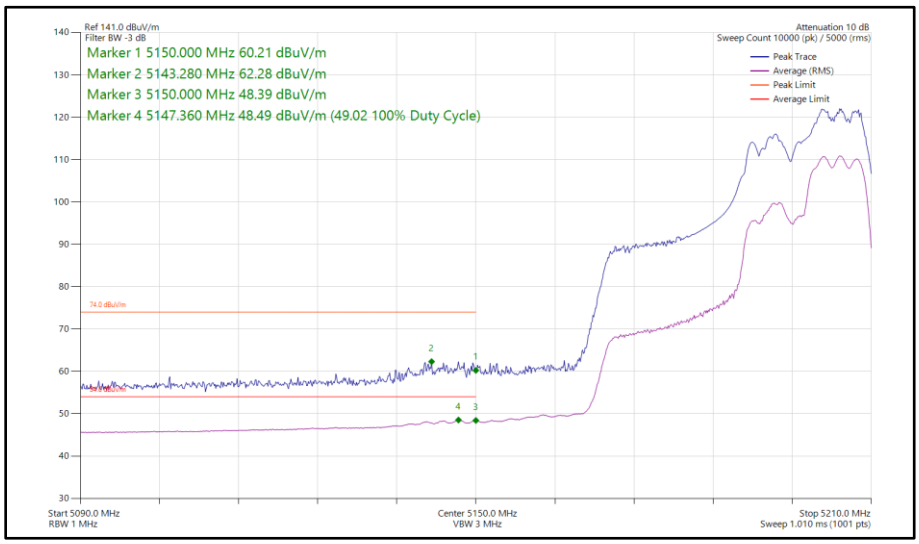

Figure 116 - 802.11ax HE40, RU 106-56, CDD, Core 0 - Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

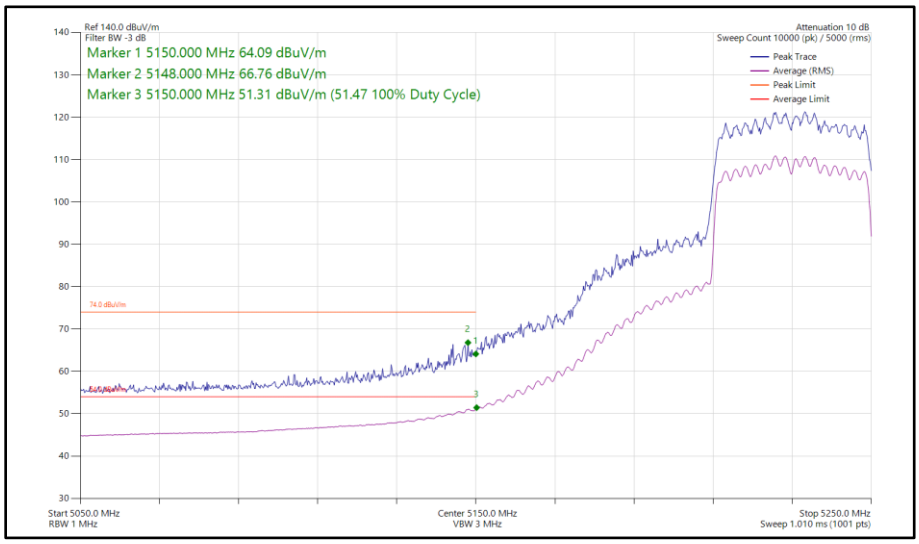

Figure 117 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

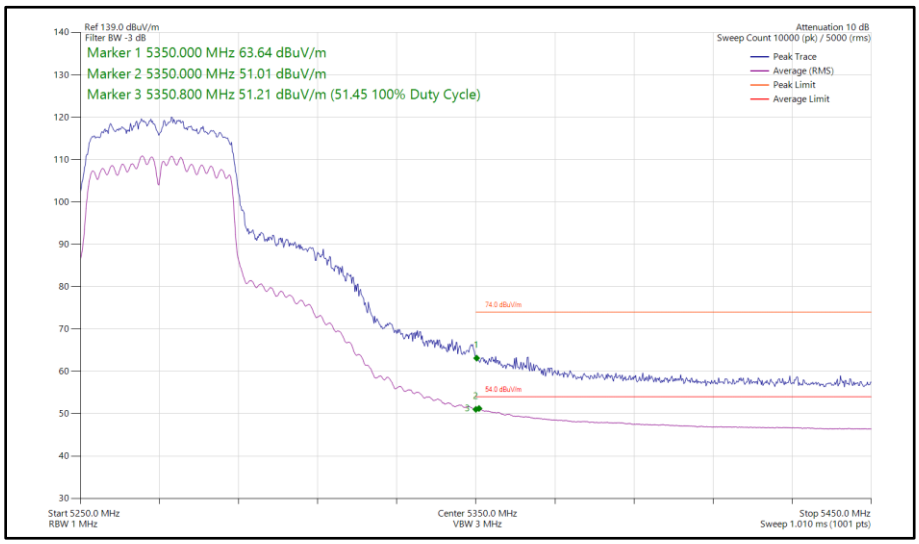

Figure 118 - 802.11n HT40, CDD, Core 0 - Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

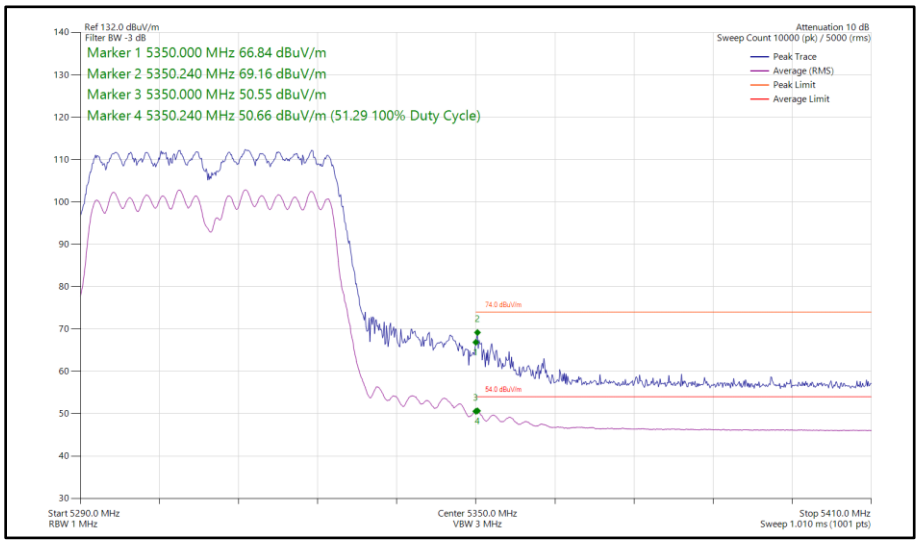

Figure 119 - 802.11n HT40, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

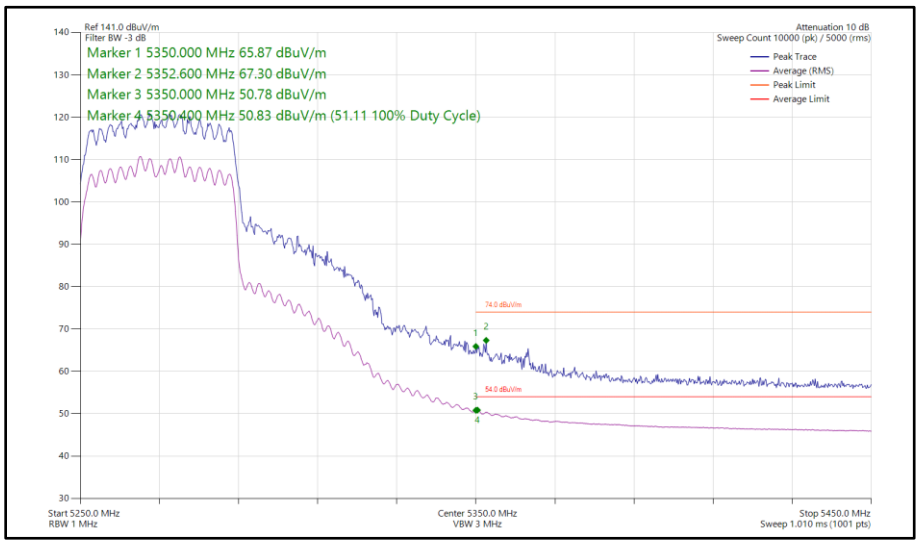

Figure 120 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

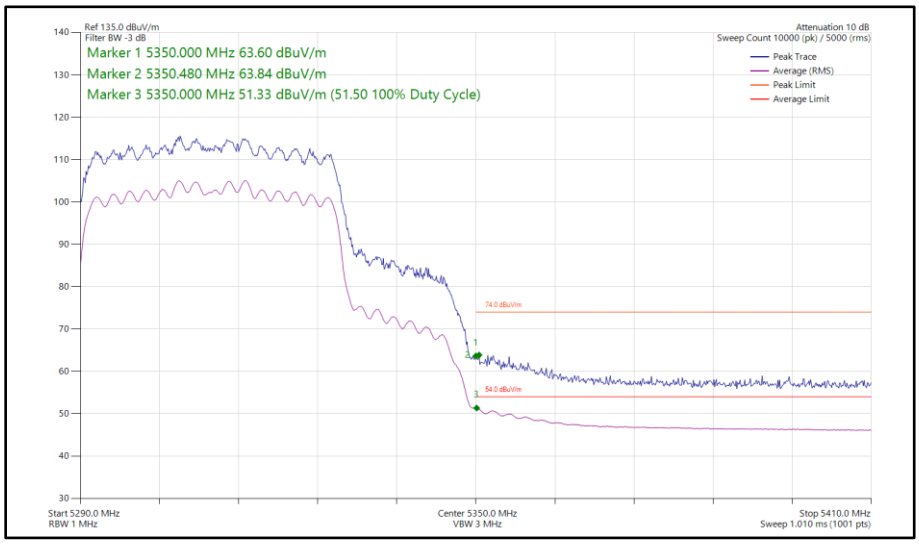

Figure 121 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

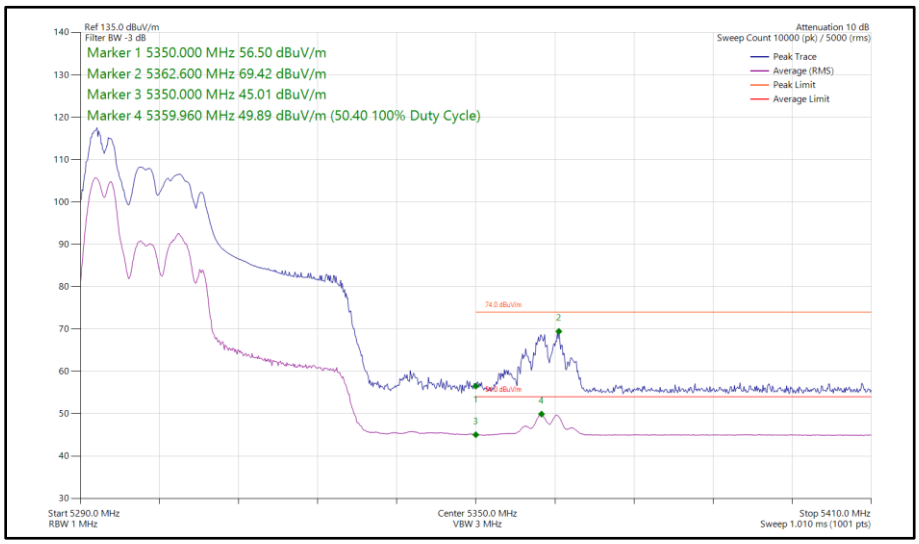

Figure 122 - 802.11ax HE40, RU 52-37, CDD, Core 0 - Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

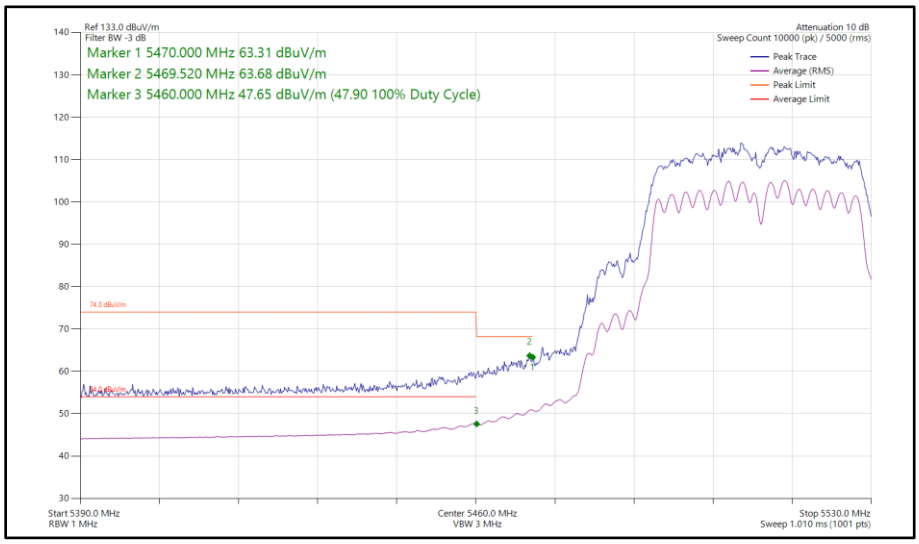

Figure 123 - 802.11n HT40, CDD, Core 0 - Core 1 - 5510 MHz Band Edge Frequency 5460 MHz