TUV SUD Limited
Digitally signed by TUV SUD Limited
Date: 2024.10.15 16:34:44 +01'00'

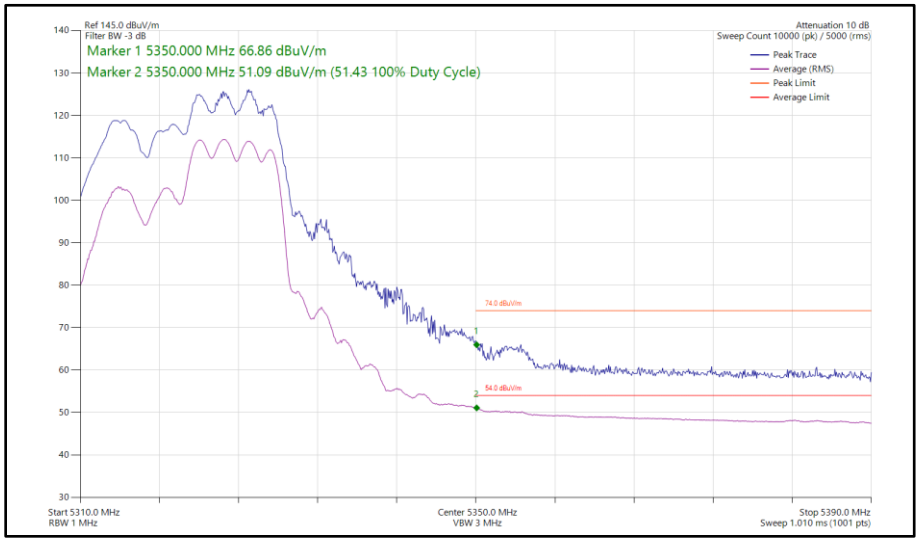

Figure 60 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

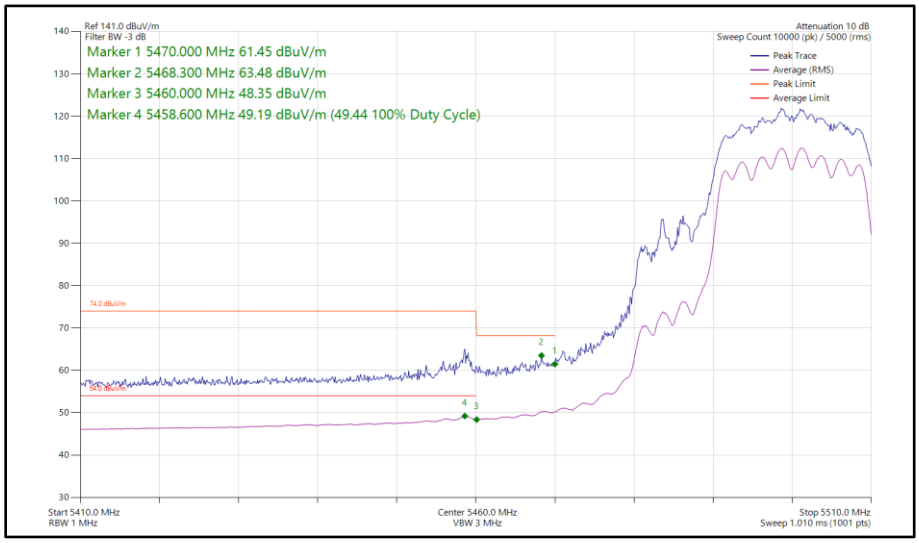

Figure 61 - 802.11n HT20, CDD, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

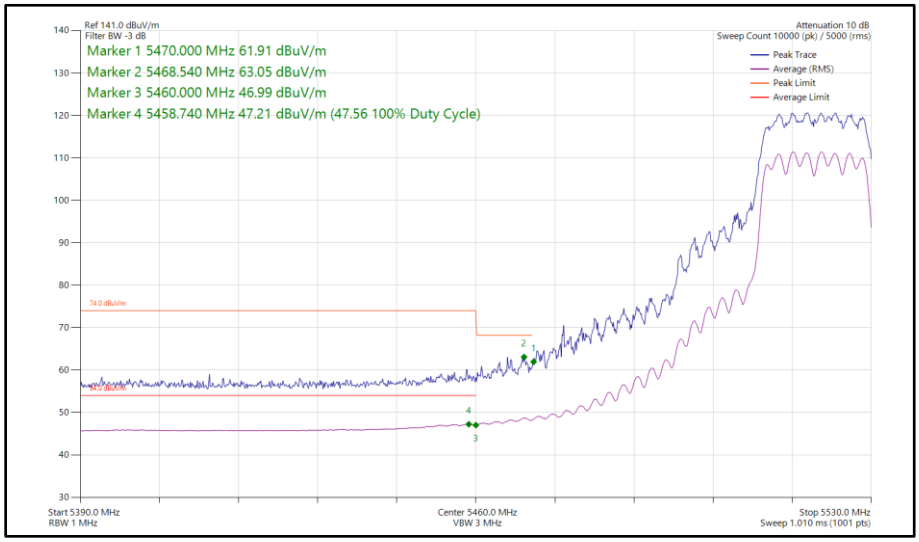

Figure 62 - 802.11n HT20, CDD, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

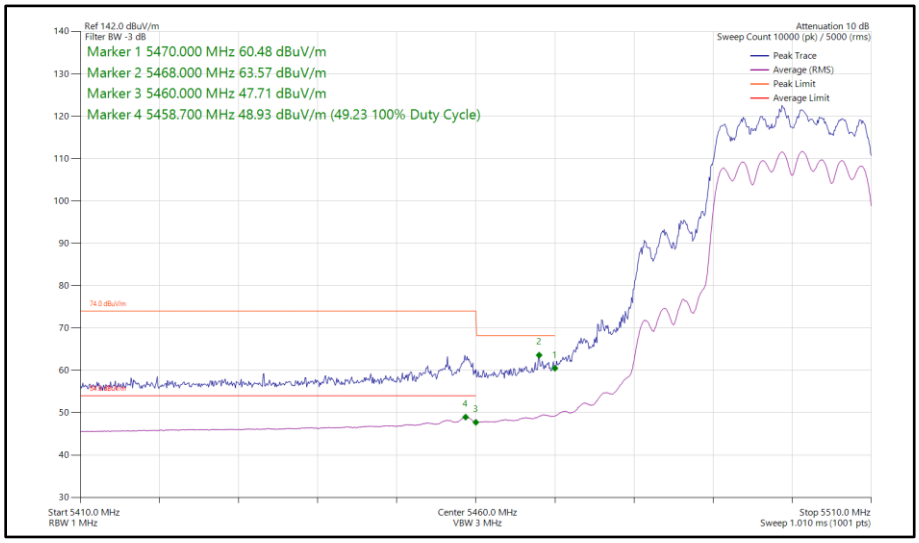

Figure 63 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

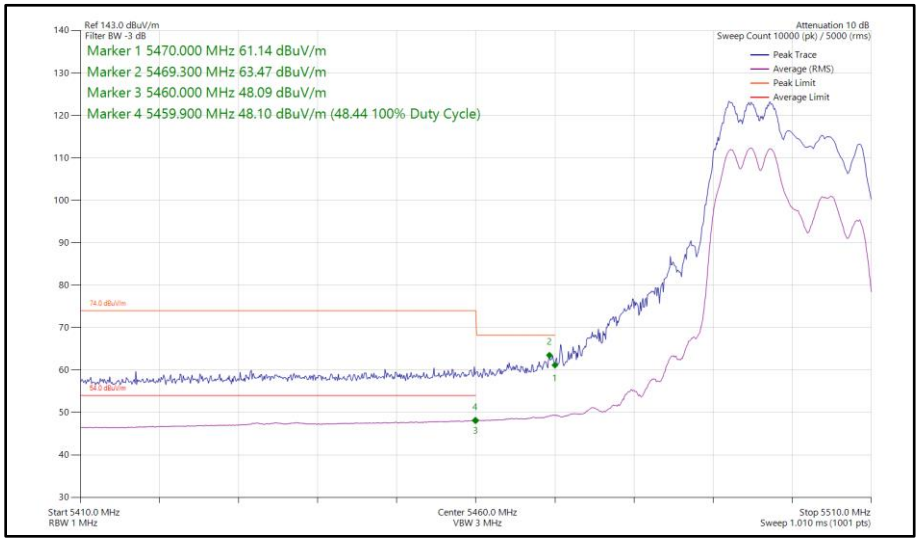

Figure 64 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

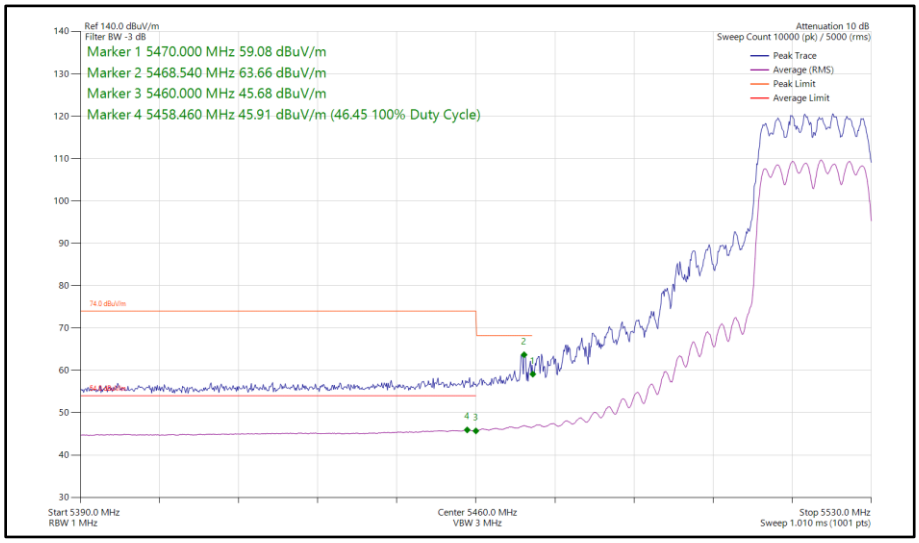

Figure 65 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

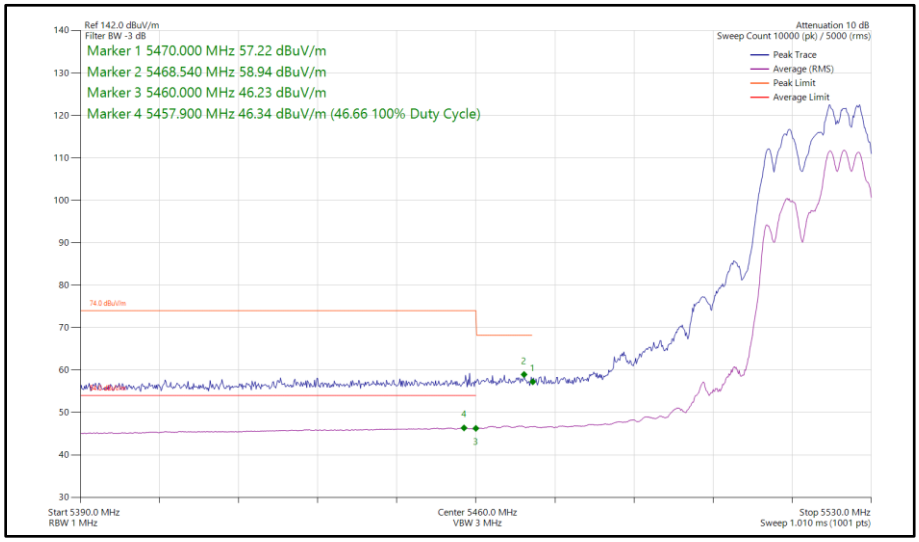

Figure 66 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

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	59.71	46.66
802.11ax HE20	MCS 2x2	SU	-	5180	5150	63.53	51.24
802.11ax HE20	MCS 11x2	106	53	5180	5150	66.32	48.70
802.11ax HE20	MCS 11x2	SU	-	5200	5150	66.98	49.44
802.11ax HE20	MCS 11x2	106	53	5200	5150	57.58	45.53
802.11n HT20	MCS 7	-	-	5320	5350	64.36	49.21
802.11ax HE20	MCS 11x2	SU	-	5300	5350	68.94	51.43
802.11ax HE20	MCS 11x2	106	54	5300	5350	59.14	47.38
802.11ax HE20	MCS 11x2	SU	-	5320	5350	69.47	48.42
802.11ax HE20	MCS 11x2	106	54	5320	5350	66.03	50.82
802.11n HT20	MCS 7	-	-	5500	5460	60.08	46.35
802.11n HT20	MCS 7	-	-	5520	5460	58.29	46.36
802.11ax HE20	MCS 2x2	SU	-	5500	5460	63.63	50.13
802.11ax HE20	MCS 11x2	106	53	5500	5460	63.21	48.22
802.11ax HE20	MCS 4x2	SU	-	5520	5460	63.43	47.62
802.11ax HE20	MCS 11x2	106	54	5520	5460	59.49	46.87

Table 10 - SDM Restricted Band Edge Results

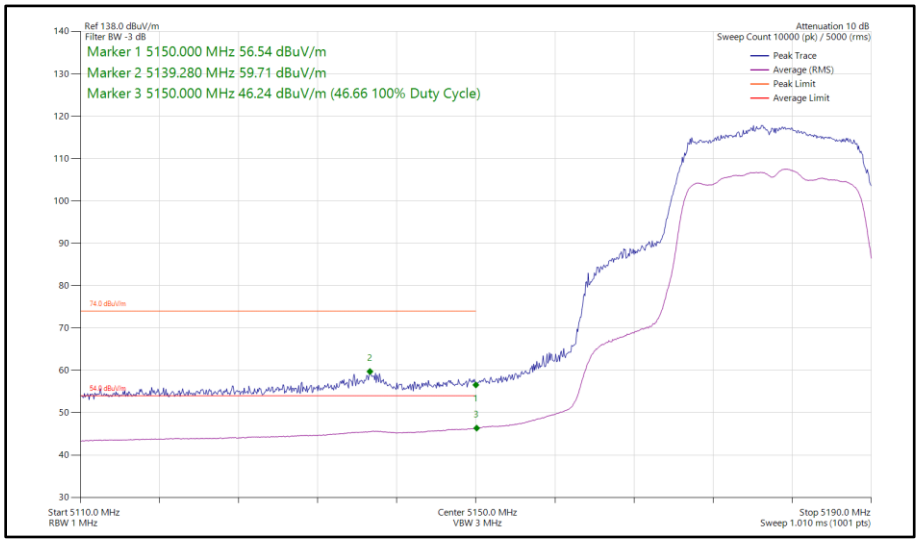

Figure 67 - 802.11n HT20, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

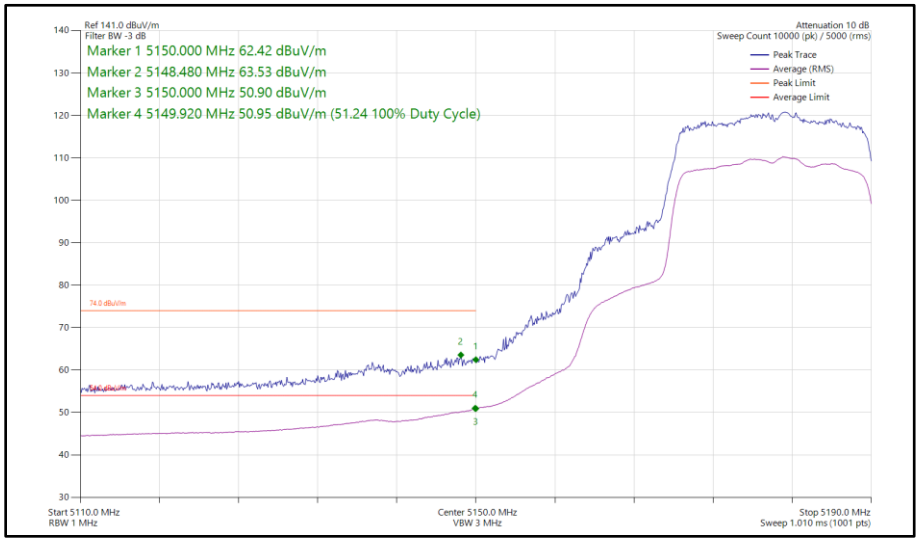

Figure 68 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

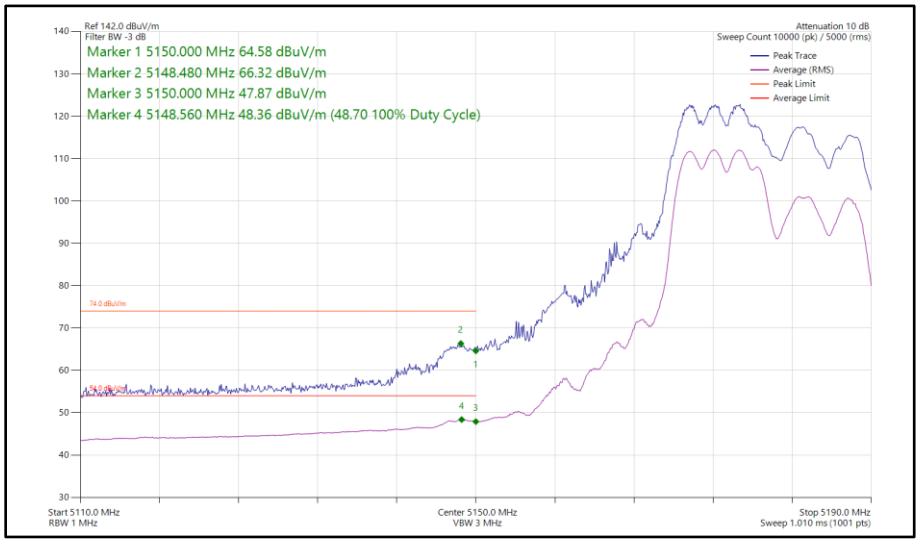

Figure 69 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

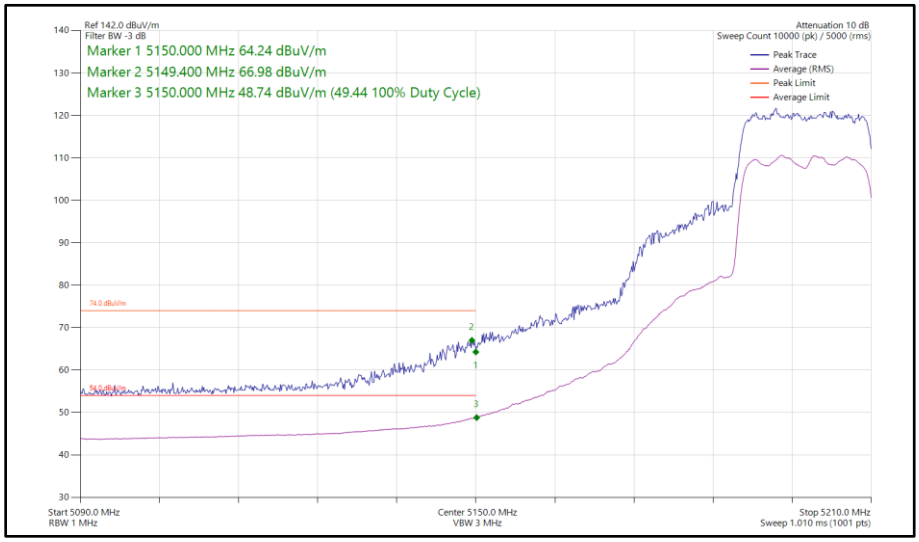

Figure 70 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

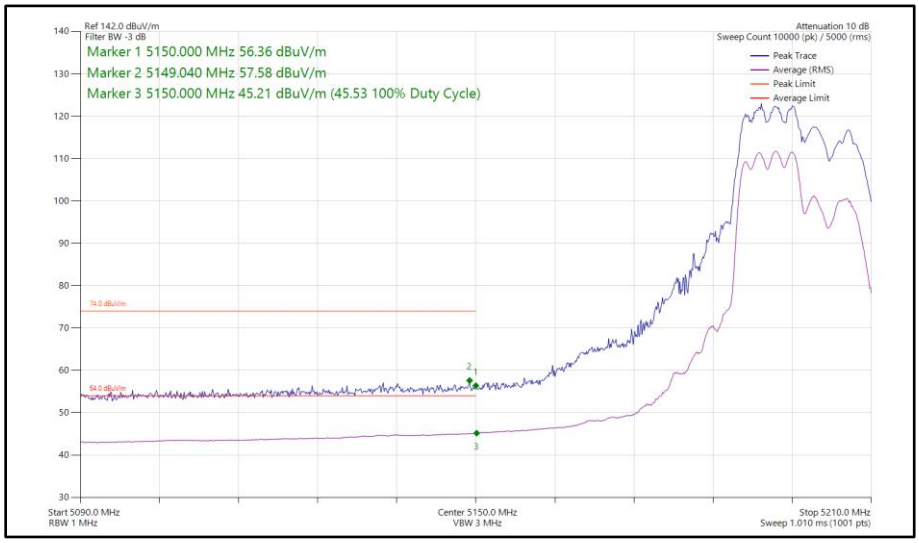

Figure 71 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

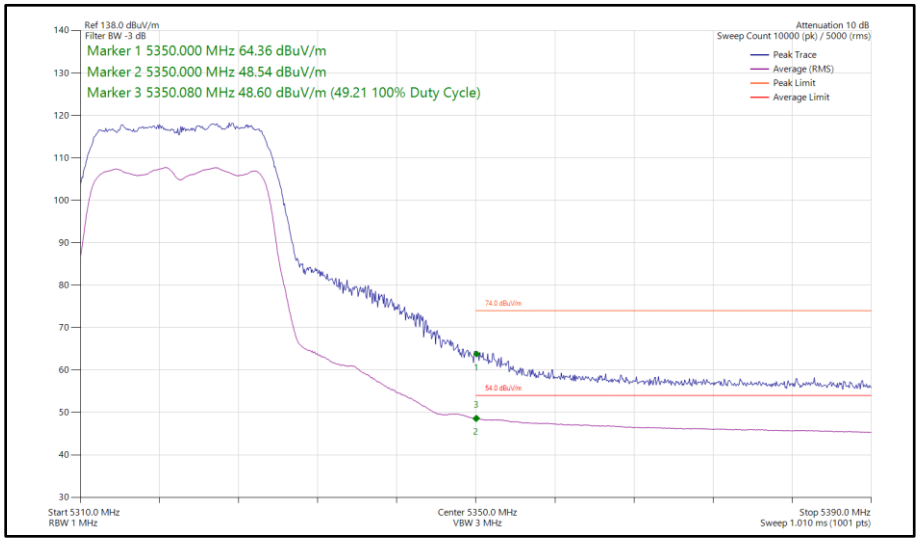

Figure 72 - 802.11n HT20, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

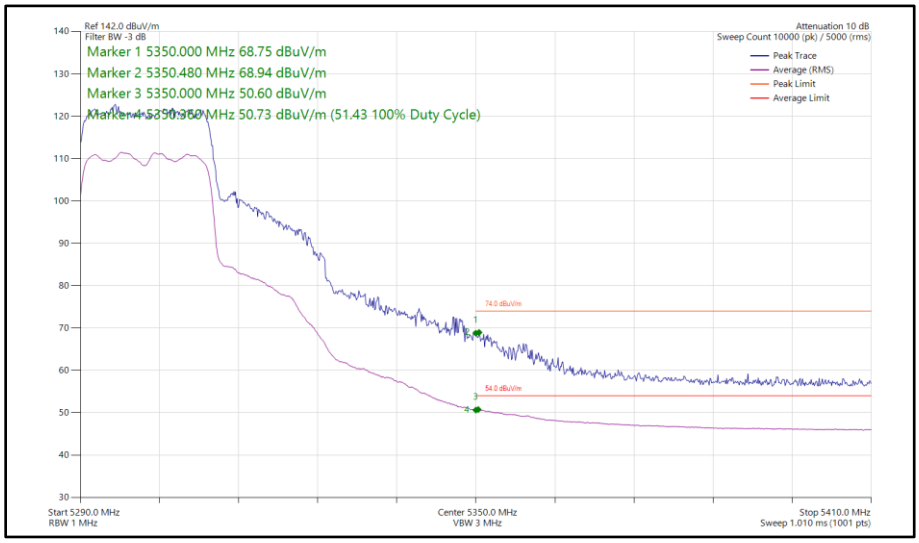

Figure 73 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

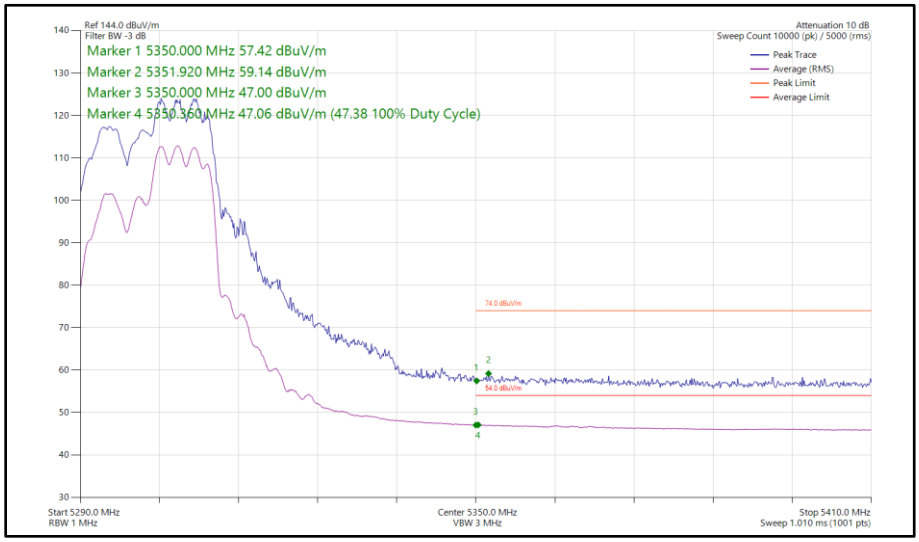

Figure 74 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

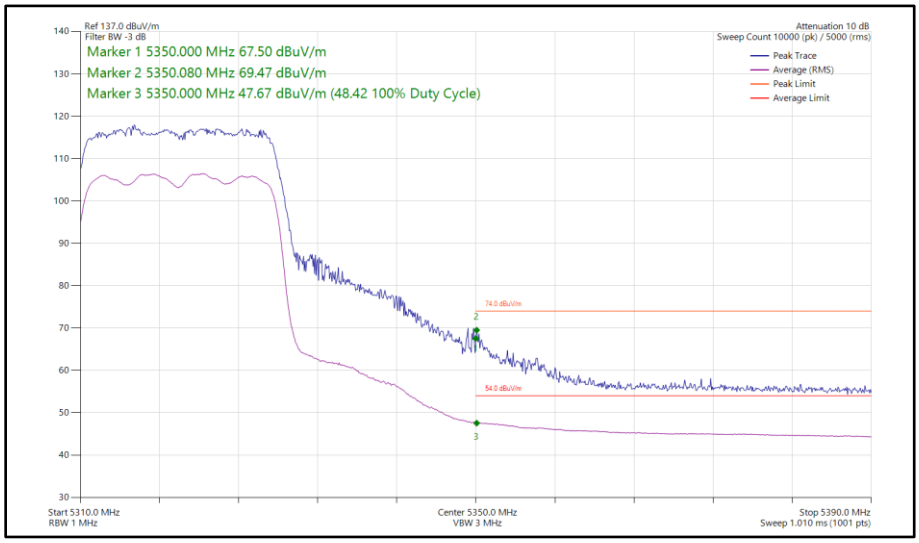

Figure 75 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

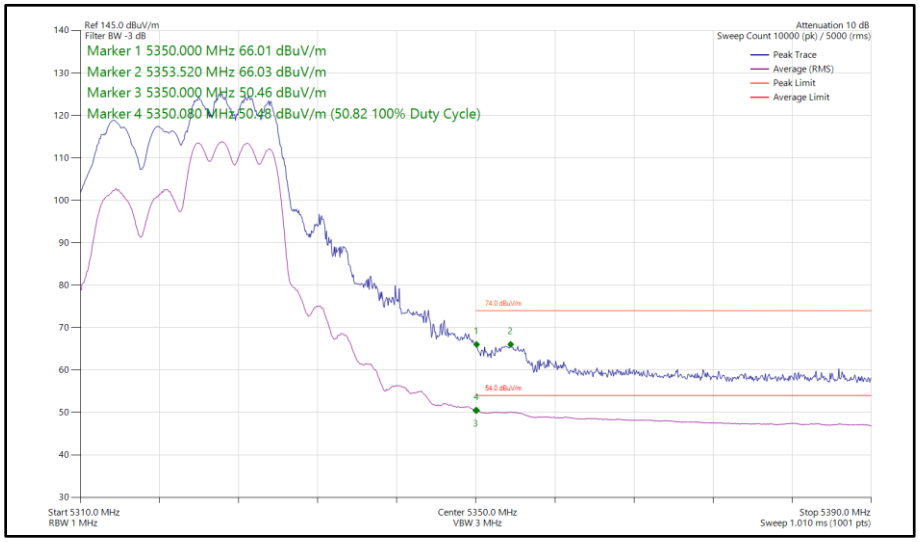

Figure 76 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

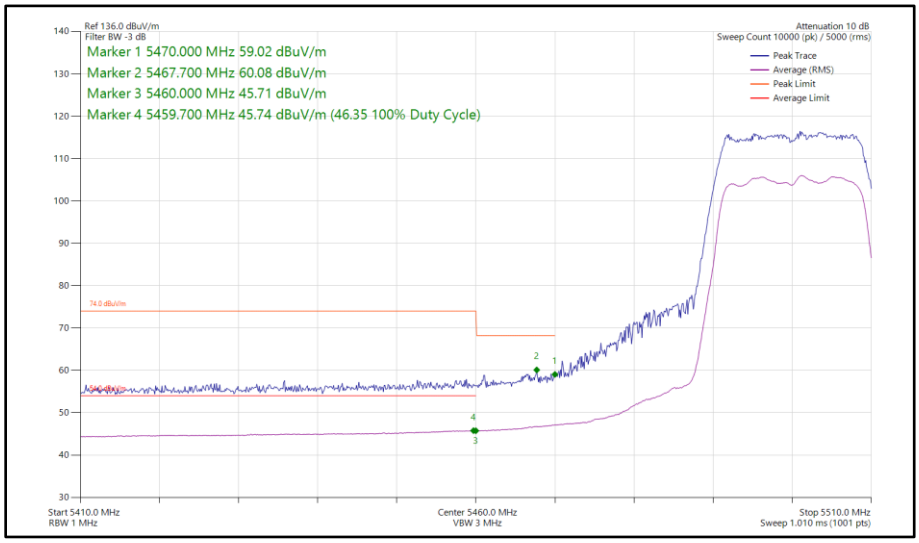

Figure 77 - 802.11n HT20, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

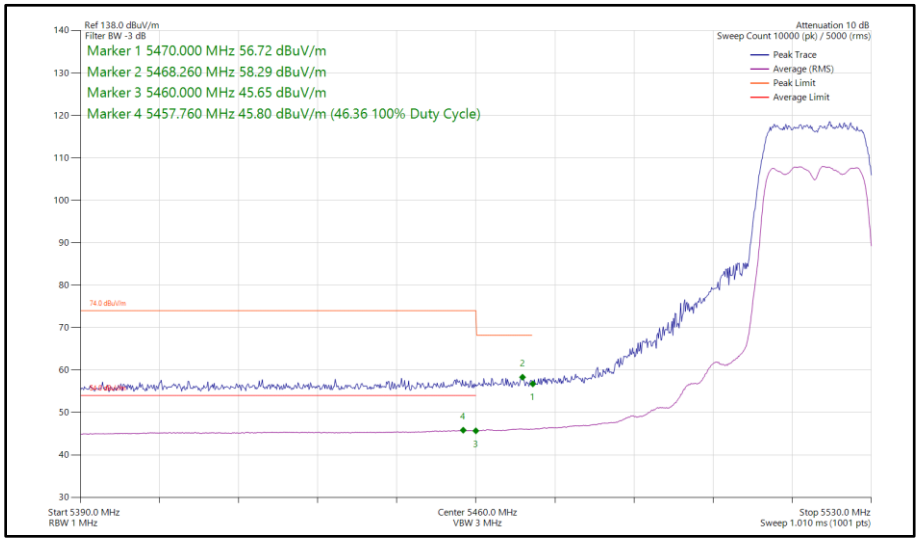

Figure 78 - 802.11n HT20, SDM, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

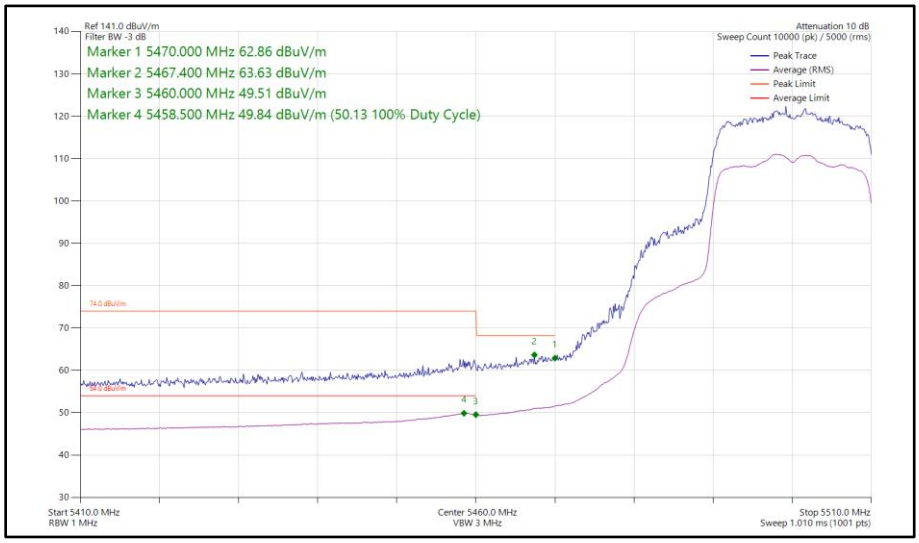

Figure 79 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

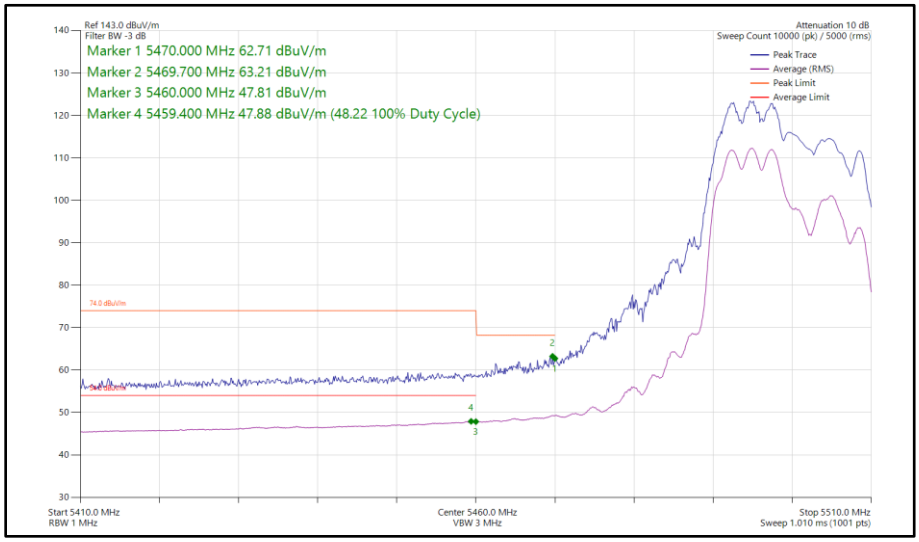

Figure 80 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

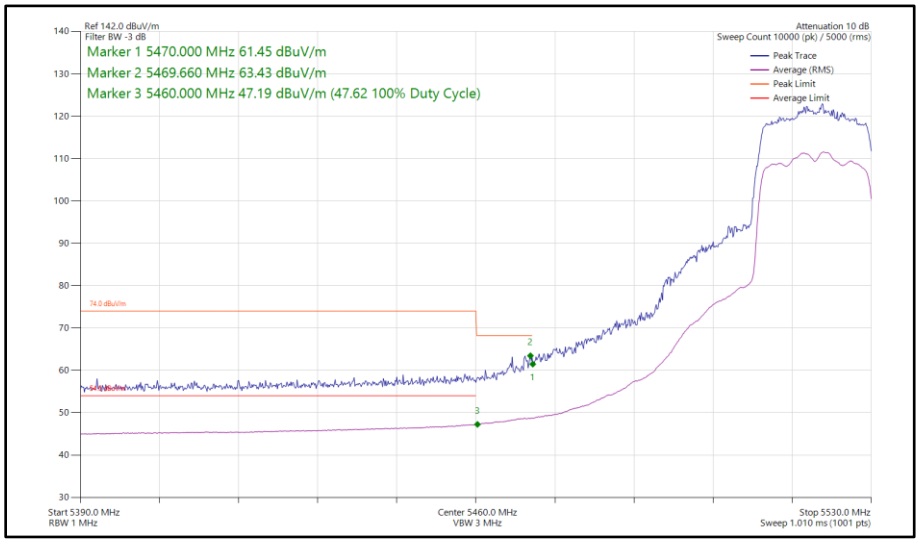

Figure 81 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

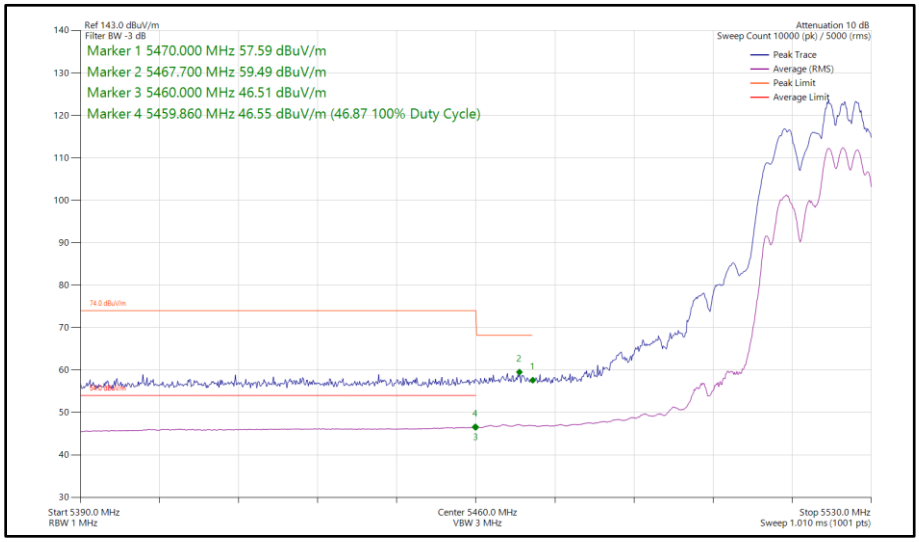

Figure 82 - 802.11ax HE20, RU 106-54, SDM, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

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	63.86	51.28
802.11ac VHT20	MCS 7x1	-	-	5200	5150	68.13	50.18
802.11ac VHT20	MCS 4x1	-	-	5300	5350	64.38	51.10
802.11ac VHT20	MCS 4x1	-	-	5320	5350	64.87	51.35
802.11ac VHT20	MCS 2x1	-	-	5500	5460	63.05	49.24
802.11ac VHT20	MCS 7x1	-	-	5520	5460	63.20	48.14

Table 11 - TxBF Restricted Band Edge Results

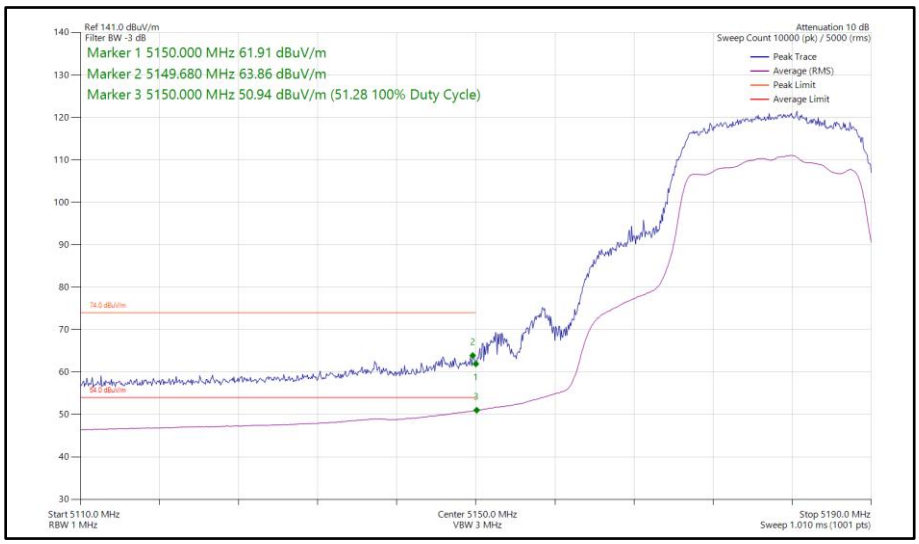

Figure 83 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5180 MHz Band Edge Frequency 5150 MHz

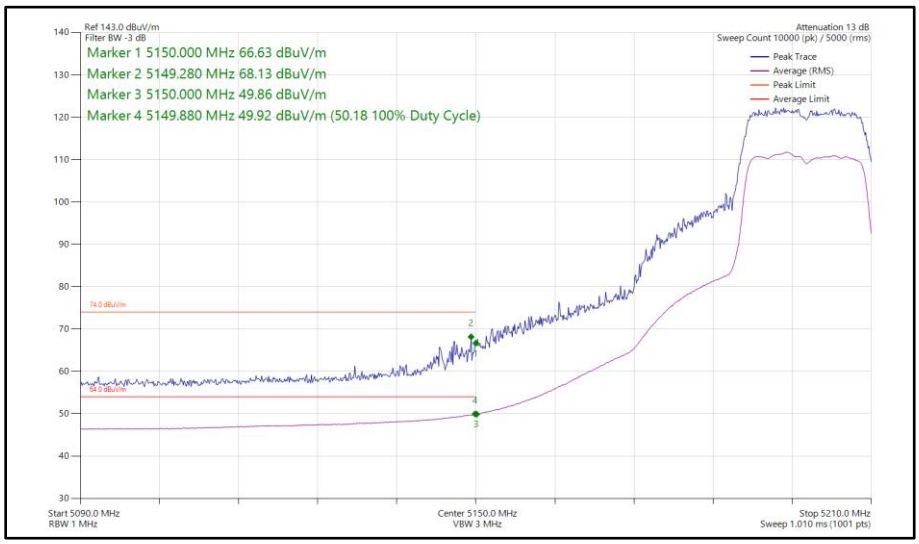

Figure 84 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5200 MHz Band Edge Frequency 5150 MHz

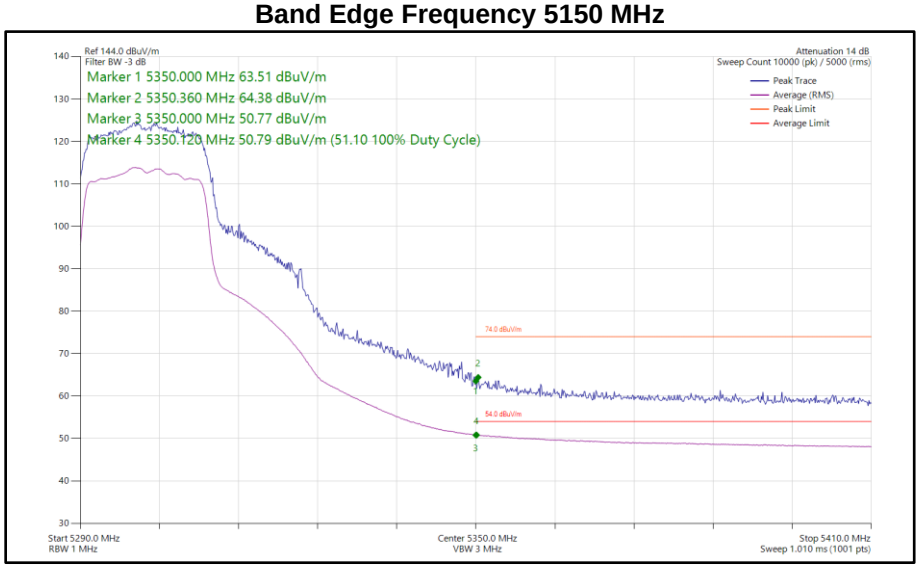

Figure 85 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5300 MHz Band Edge Frequency 5350 MHz

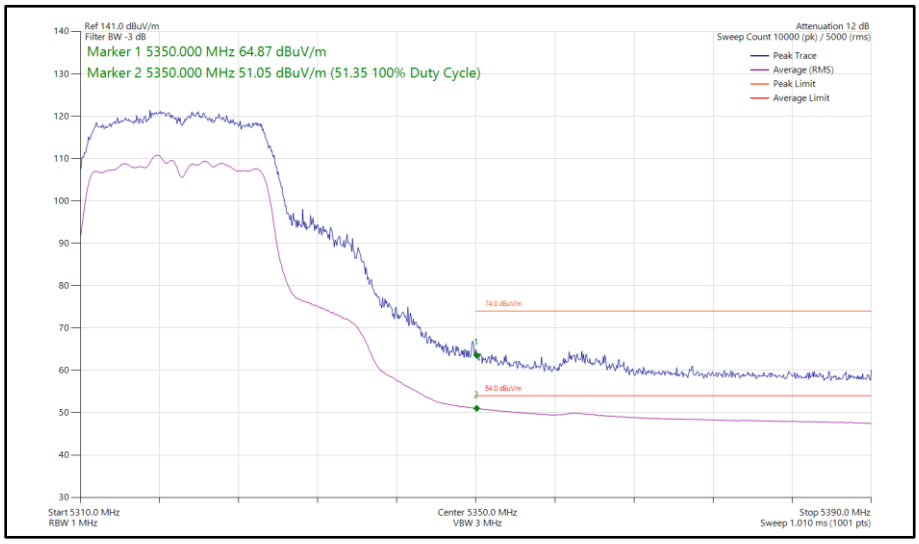

Figure 86 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5320 MHz Band Edge Frequency 5350 MHz

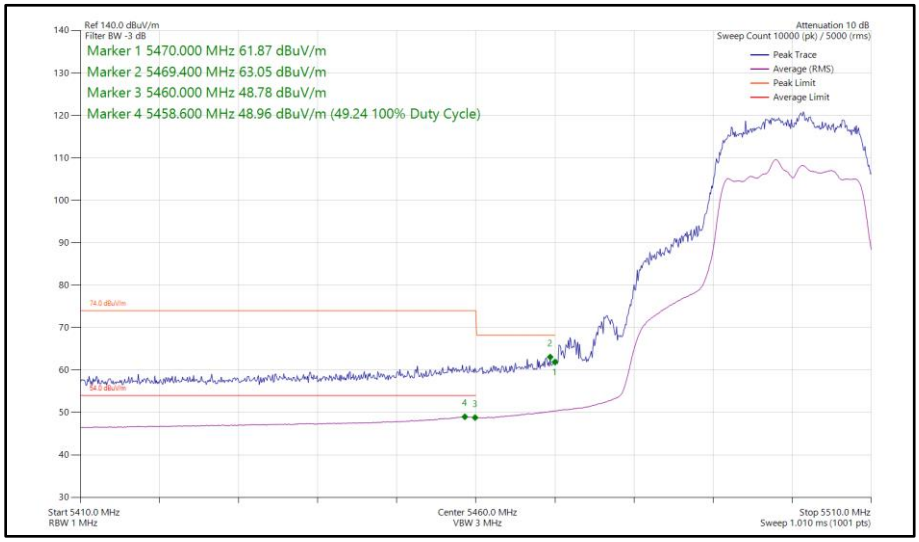

Figure 87 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5500 MHz Band Edge Frequency 5460 MHz

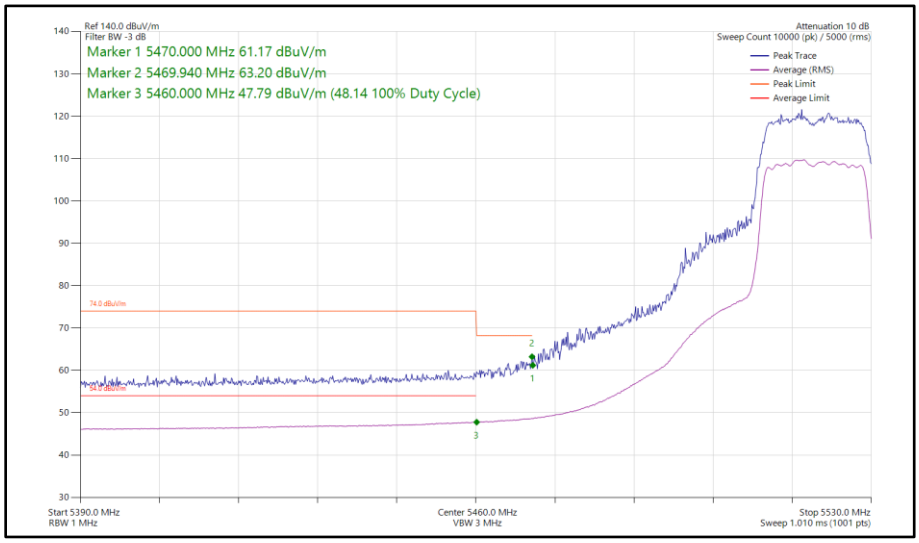

Figure 88 - 802.11ac VHT20, TxBF, Core 0 - Core 1 - 5520 MHz Band Edge Frequency 5460 MHz

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 2	-	-	5190	5150	63.45	51.17
802.11n HT40	MCS 7	-	-	5230	5150	67.37	51.50
802.11ax HE40	MCS 2x1	SU	-	5190	5150	63.11	51.26
802.11ax HE40	MCS 11x1	106	56	5190	5150	58.79	45.22
802.11ax HE40	MCS 11x1	SU	-	5230	5150	67.41	51.09
802.11ax HE40	MCS 11x1	106	53	5230	5150	55.11	43.44
802.11n HT40	MCS 7	-	-	5270	5350	66.57	51.24
802.11n HT40	MCS 2	-	-	5310	5350	63.44	51.00
802.11ax HE40	MCS 2x1	SU	-	5270	5350	66.78	50.86
802.11ax HE40	MCS 11x1	106	56	5270	5350	56.41	45.10
802.11ax HE40	MCS 4x1	SU	-	5310	5350	64.47	51.23
802.11ax HE40	MCS 11x1	52	37	5310	5350	68.92	49.52
802.11n HT40	MCS 7	-	-	5510	5460	63.27	46.30
802.11n HT40	MCS 4	-	-	5550	5460	63.61	47.37
802.11ax HE40	MCS 11x1	SU	-	5510	5460	63.23	46.22
802.11ax HE40	MCS 11x1	106	53	5510	5460	62.64	46.08
802.11ax HE40	MCS 4x1	SU	-	5550	5460	63.34	46.31
802.11ax HE40	MCS 11x1	106	53	5550	5460	55.86	44.36

Table 12 - SISO Restricted Band Edge Results

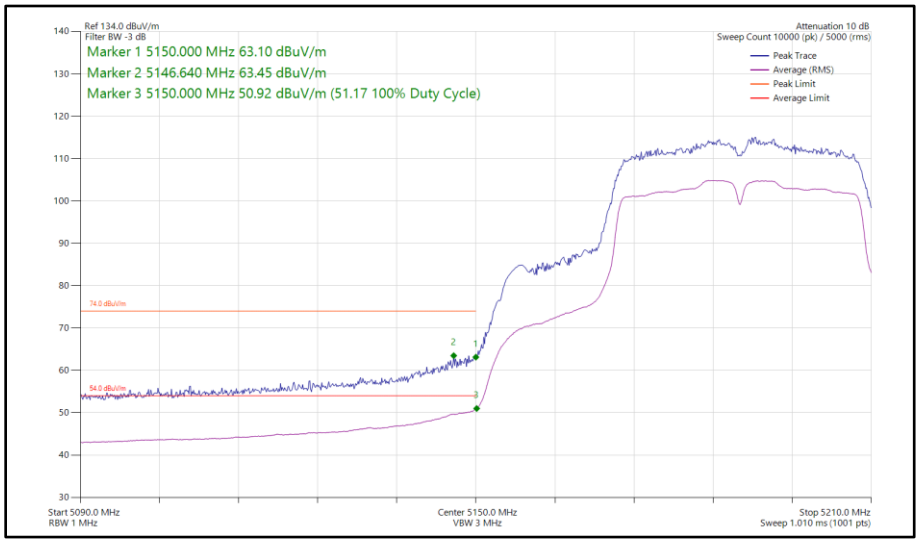

Figure 89 - 802.11n HT40, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

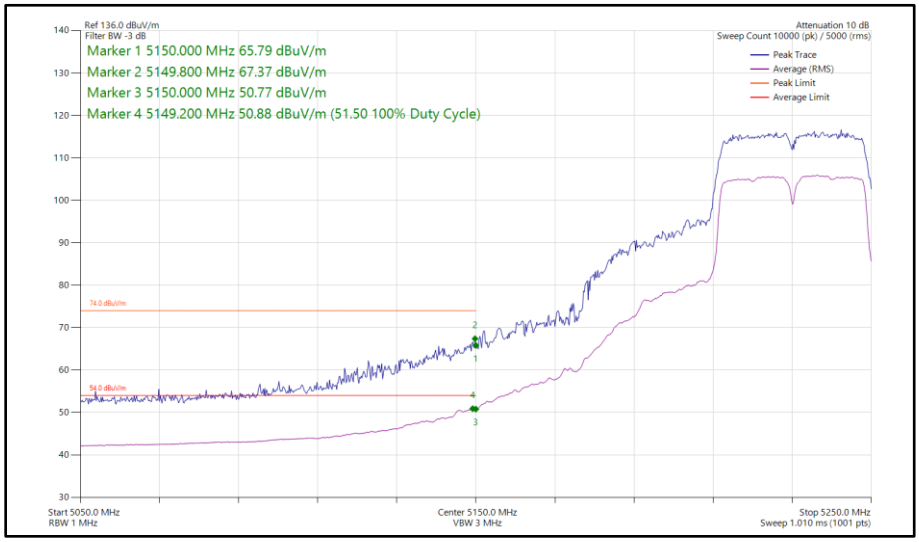

Figure 90 - 802.11n HT40, SISO, Core 0 - 5230 MHz
Band Edge Frequency 5150 MHz

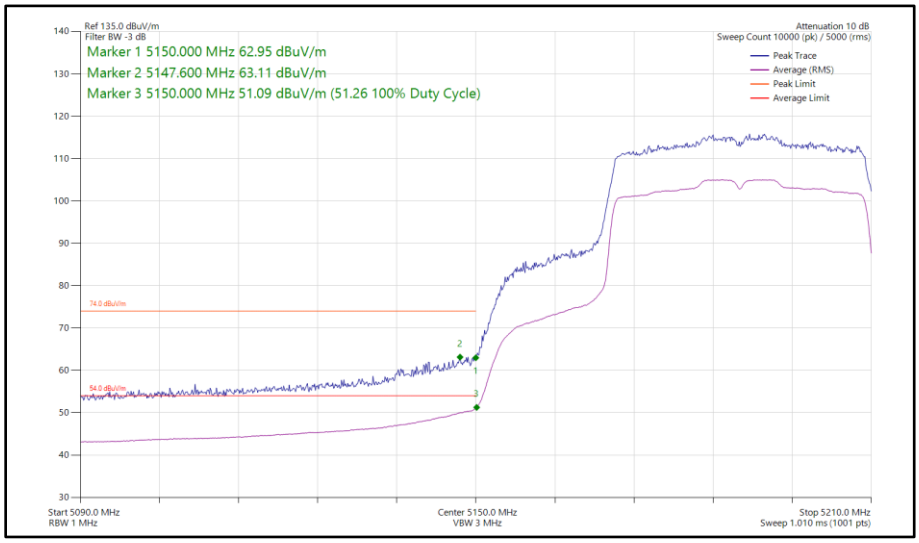

Figure 91 - 802.11ax HE40, SU, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

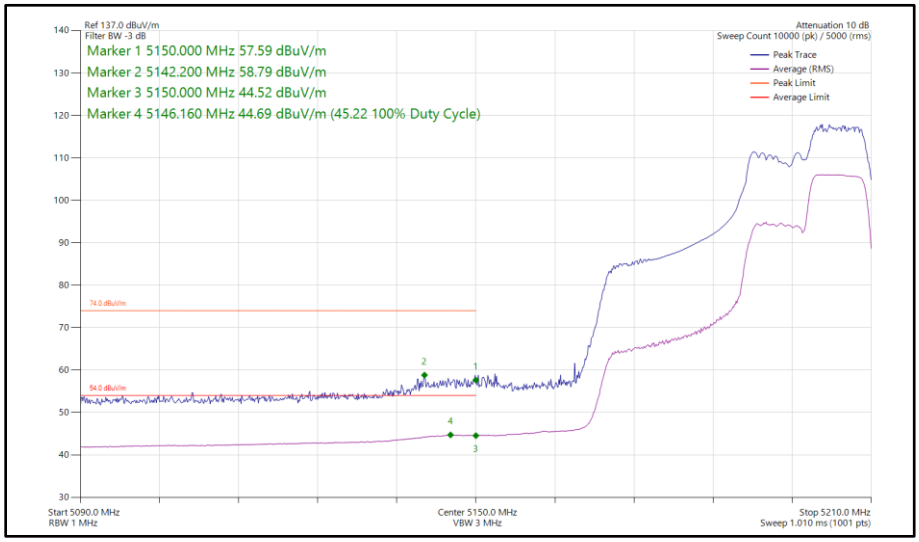

Figure 92 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5190 MHz Band Edge Frequency 5150 MHz

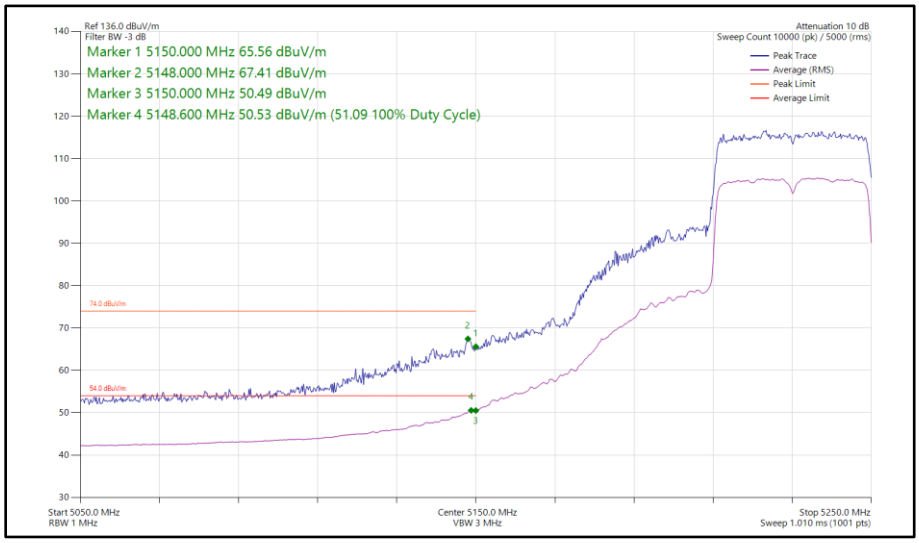

Figure 93 - 802.11ax HE40, SU, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

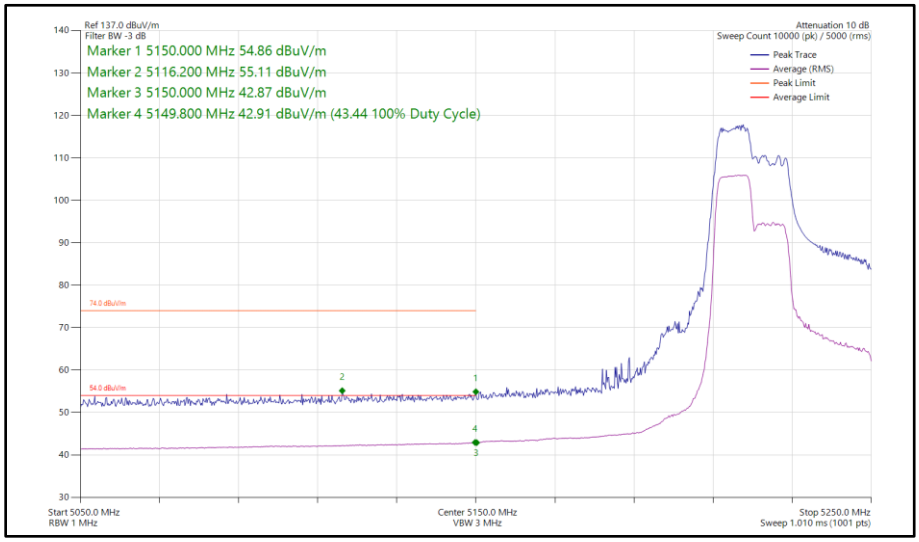

Figure 94 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

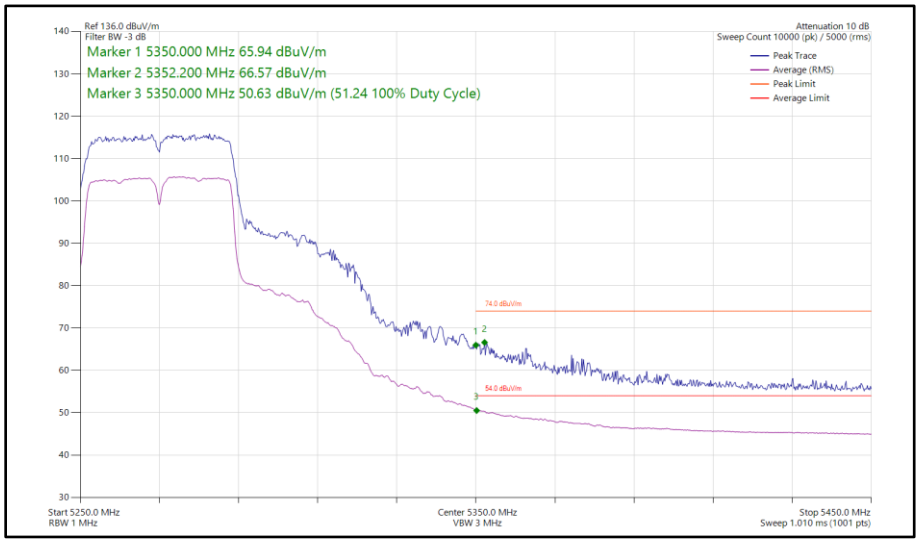

Figure 95 - 802.11n HT40, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

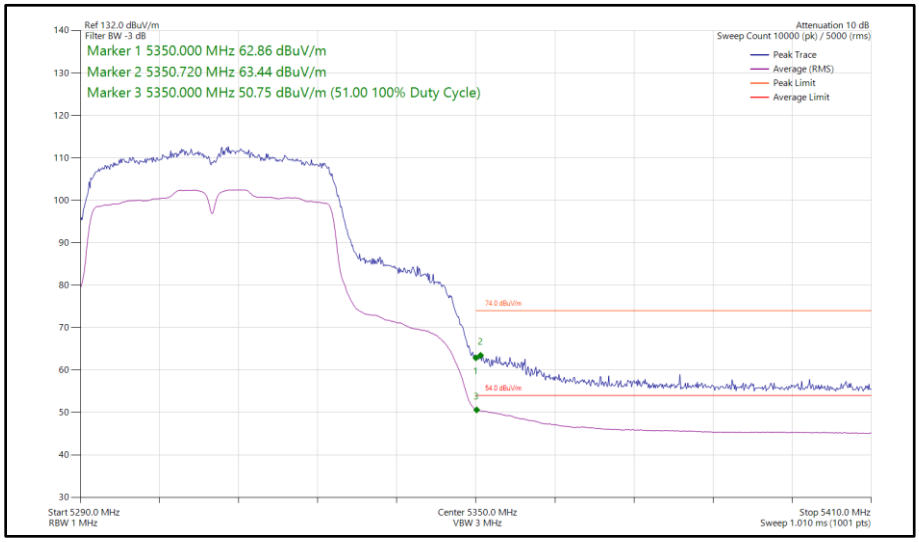

Figure 96 - 802.11n HT40, SISO, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

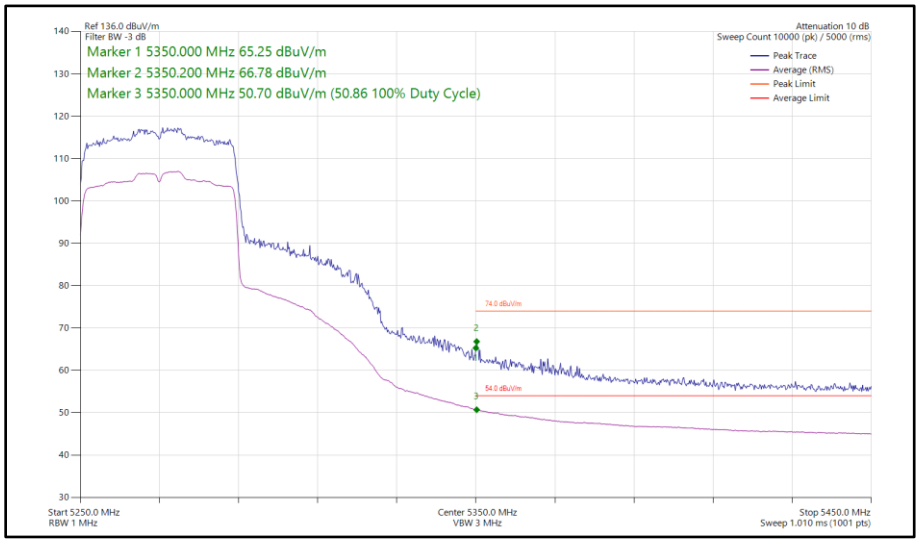

Figure 97 - 802.11ax HE40, SU, SISO, Core 0 - 5270 MHz
Band Edge Frequency 5350 MHz

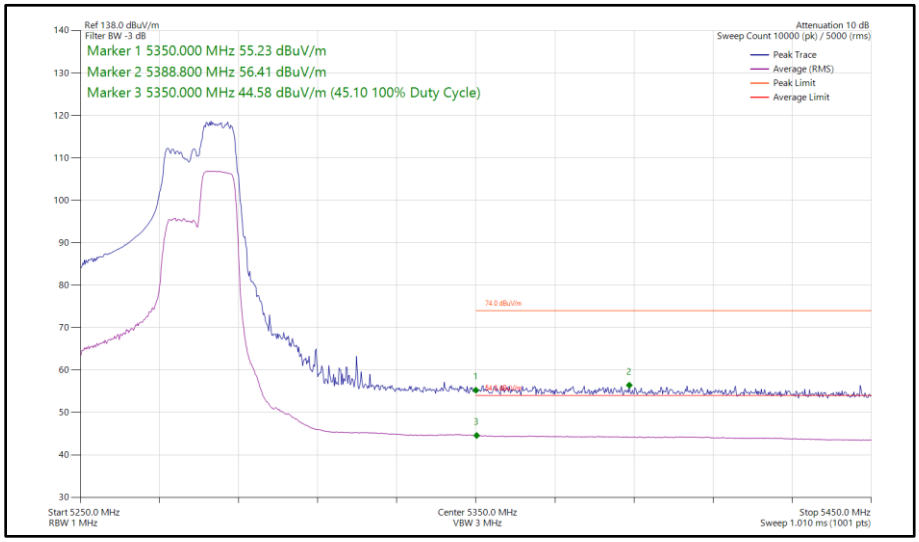

Figure 98 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

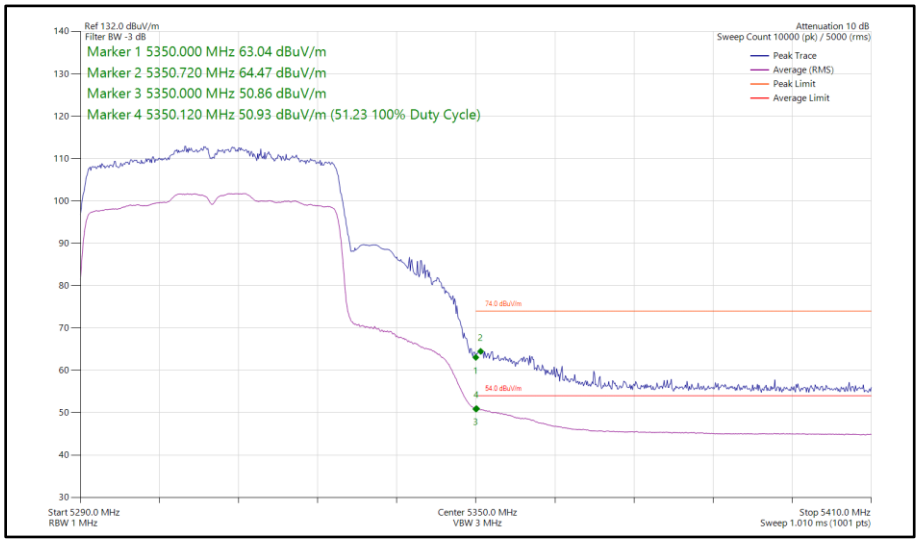

Figure 99 - 802.11ax HE40, SU, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

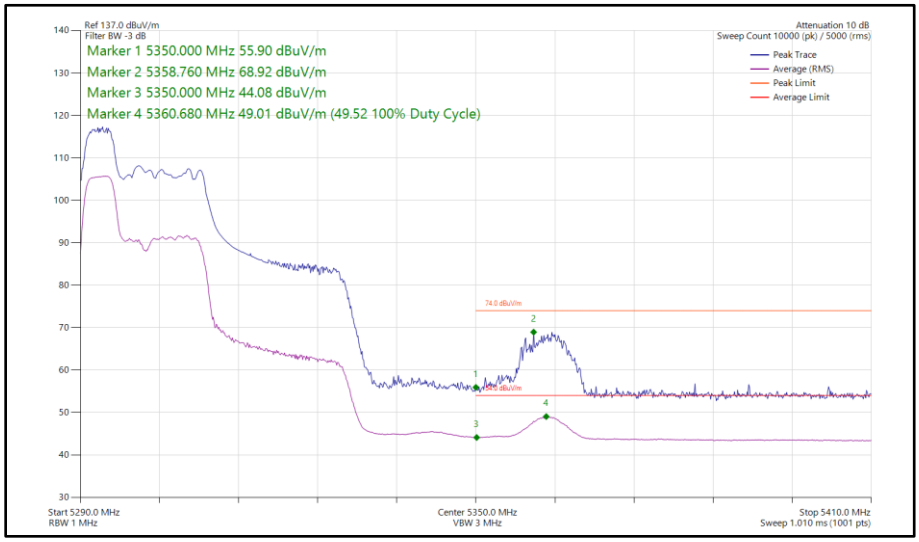

Figure 100 - 802.11ax HE40, RU 52-37, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

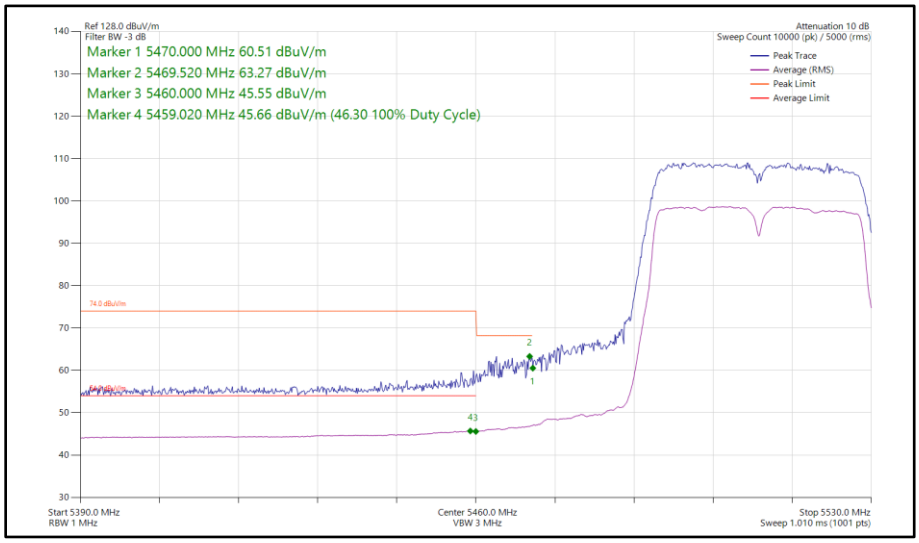

Figure 101 - 802.11n HT40, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

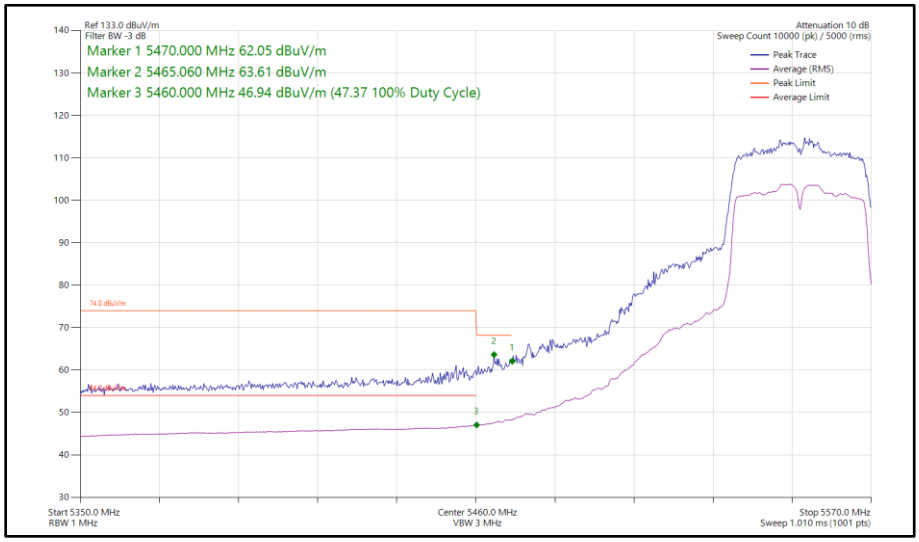

Figure 102 - 802.11n HT40, SISO, Core 0 - 5550 MHz
Band Edge Frequency 5460 MHz

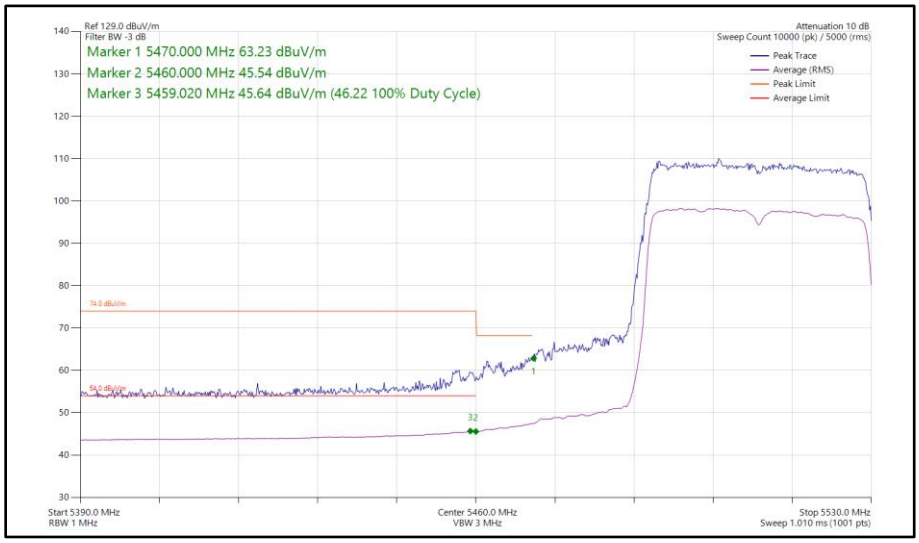

Figure 103 - 802.11ax HE40, SU, SISO, Core 0 - 5510 MHz
Band Edge Frequency 5460 MHz

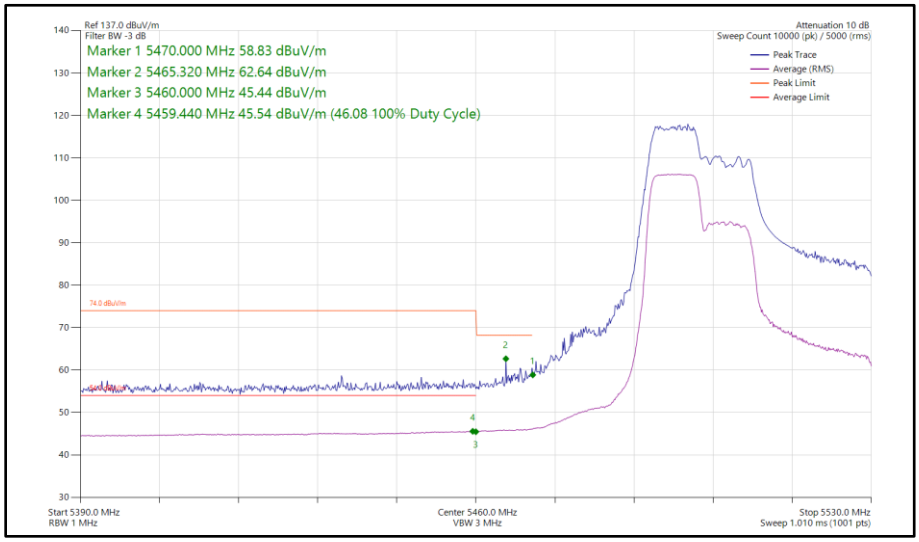

Figure 104 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

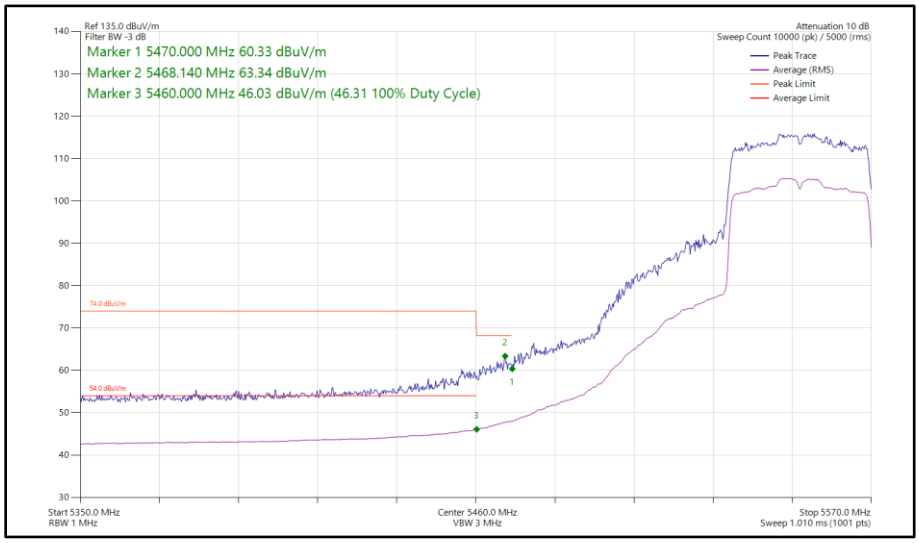

Figure 105 - 802.11ax HE40, SU, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

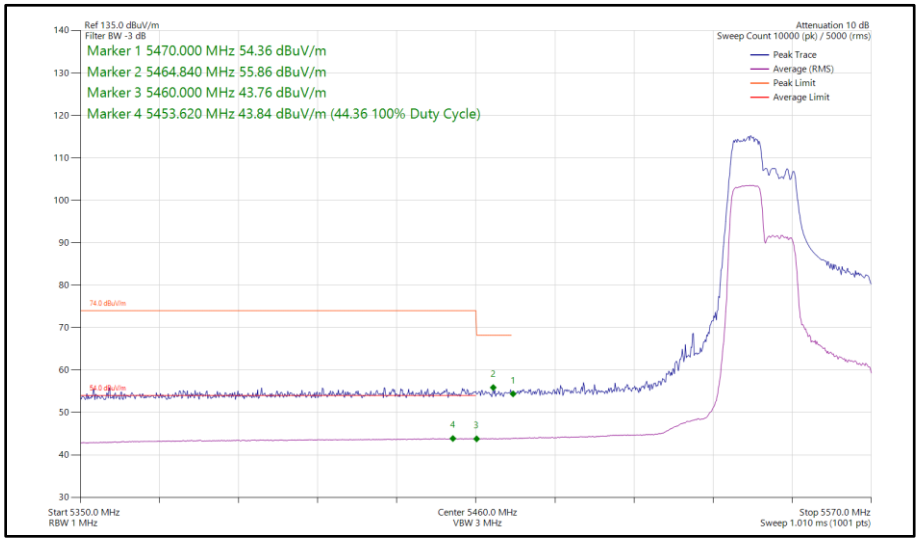

Figure 106 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

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 (dBµV/m)
802.11n HT40	MCS 7	-	-	5190	5150	69.37	48.15
802.11n HT40	MCS 7	-	-	5230	5150	67.30	50.52
802.11ax HE40	MCS 4x1	SU	-	5190	5150	65.93	51.45
802.11ax HE40	MCS 11x1	106	56	5190	5150	59.85	45.65
802.11ax HE40	MCS 11x1	SU	-	5230	5150	68.10	50.67
802.11ax HE40	MCS 11x1	106	56	5230	5150	54.60	43.28
802.11n HT40	MCS 7	-	-	5270	5350	68.04	51.41
802.11n HT40	MCS 2	-	-	5310	5350	64.59	51.23
802.11ax HE40	MCS 11x1	SU	-	5270	5350	68.42	51.06
802.11ax HE40	MCS 11x1	106	53	5270	5350	56.63	44.98
802.11ax HE40	MCS 11x1	SU	-	5310	5350	67.53	51.18
802.11ax HE40	MCS 11x1	52	37	5310	5350	69.11	49.31
802.11n HT40	MCS 4	-	-	5510	5460	63.69	46.98
802.11n HT40	MCS 7	-	-	5550	5460	63.53	46.37
802.11ax HE40	MCS 11x1	SU	-	5510	5460	63.69	45.73
802.11ax HE40	MCS 11x1	106	56	5510	5460	59.40	45.31
802.11ax HE40	MCS 11x1	SU	-	5550	5460	63.34	46.33
802.11ax HE40	MCS 11x1	106	56	5550	5460	55.61	44.34

Table 13 - SISO Restricted Band Edge Results

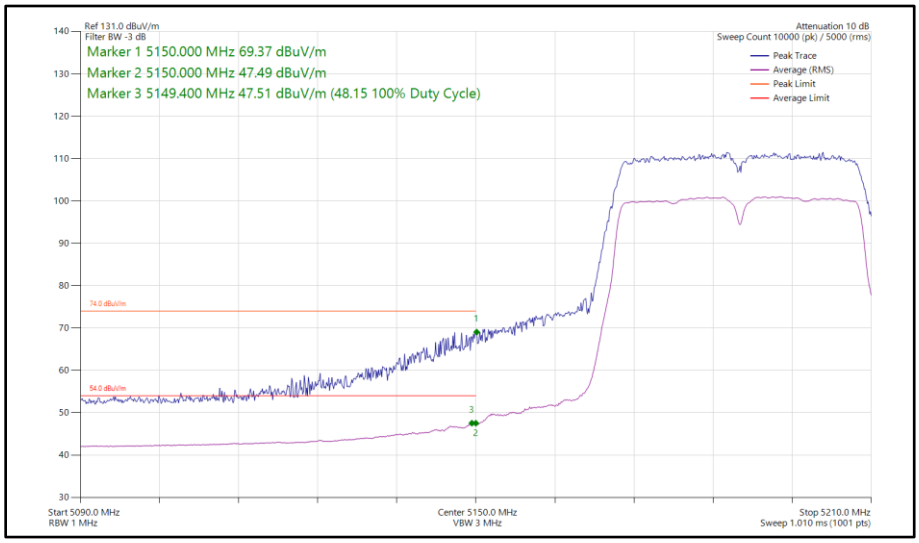

Figure 107 - 802.11n HT40, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

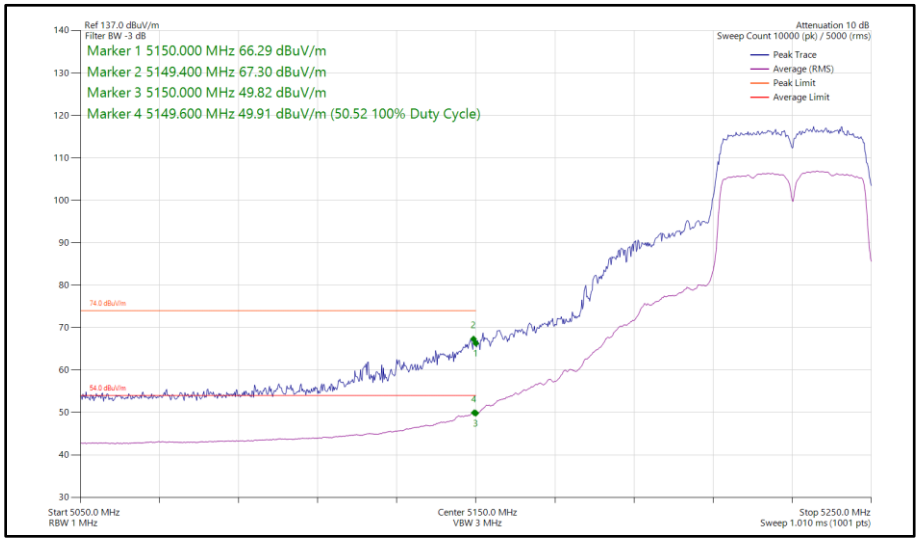

Figure 108 - 802.11n HT40, SISO, Core 1 - 5230 MHz
Band Edge Frequency 5150 MHz

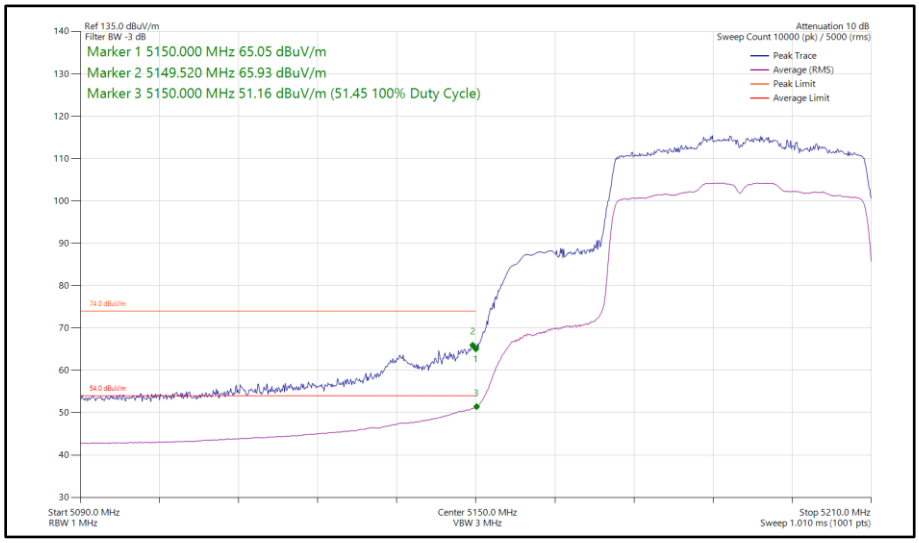

Figure 109 - 802.11ax HE40, SU, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

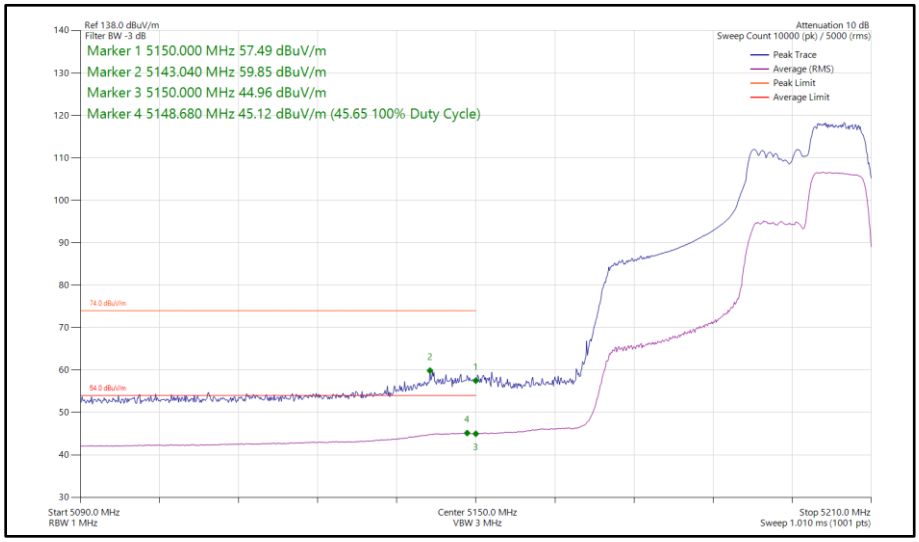

Figure 110 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

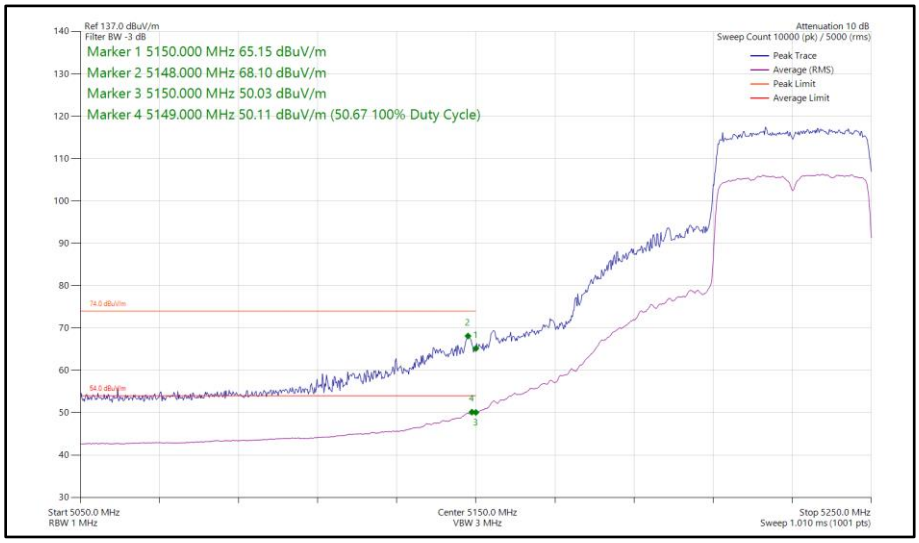

Figure 111 - 802.11ax HE40, SU, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

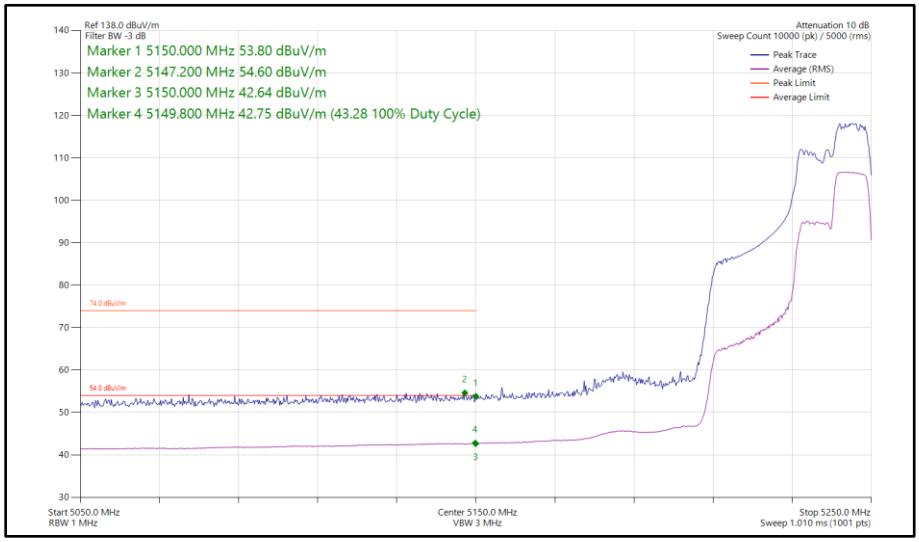

Figure 112 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

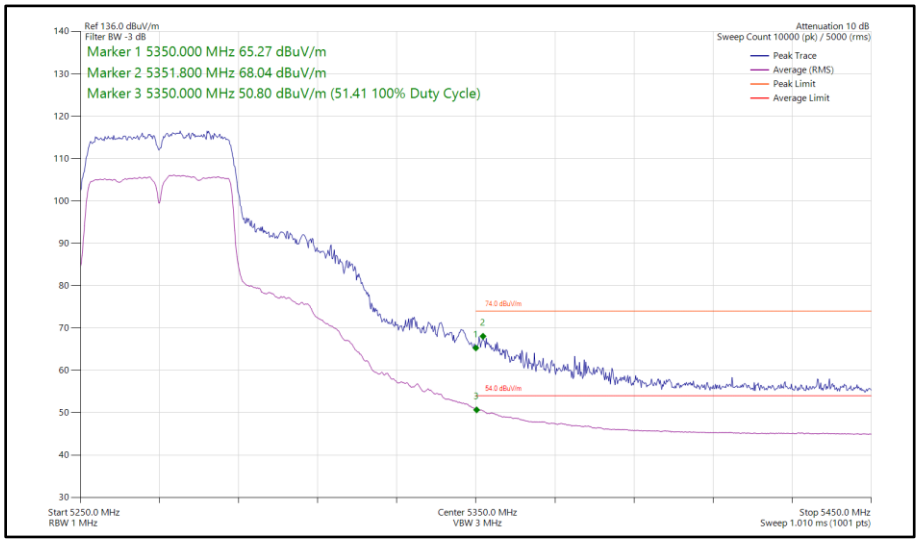

Figure 113 - 802.11n HT40, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

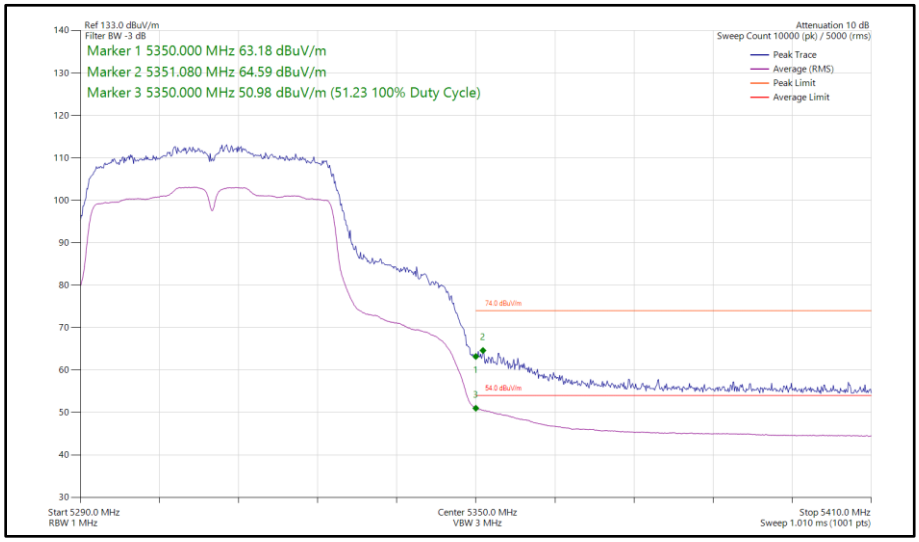

Figure 114 - 802.11n HT40, SISO, Core 1 - 5310 MHz
Band Edge Frequency 5350 MHz

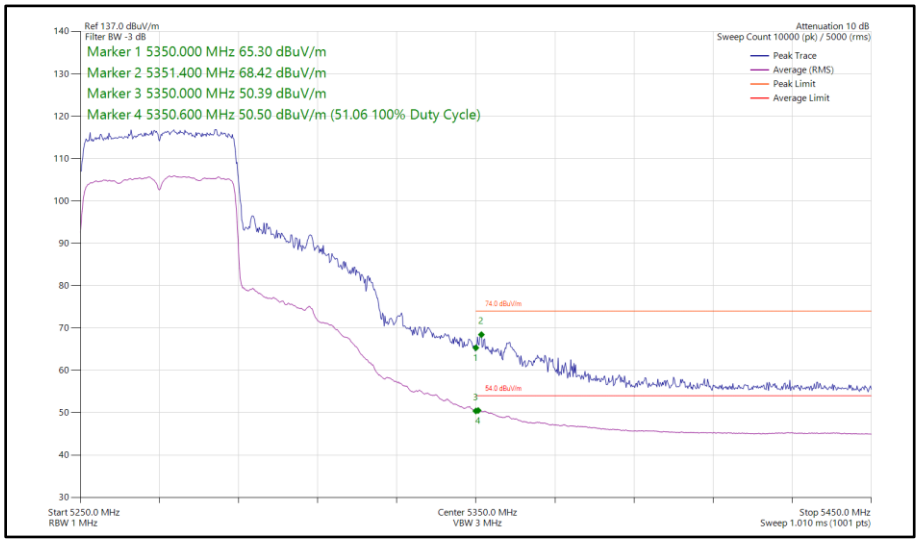

Figure 115 - 802.11ax HE40, SU, SISO, Core 1 - 5270 MHz
Band Edge Frequency 5350 MHz

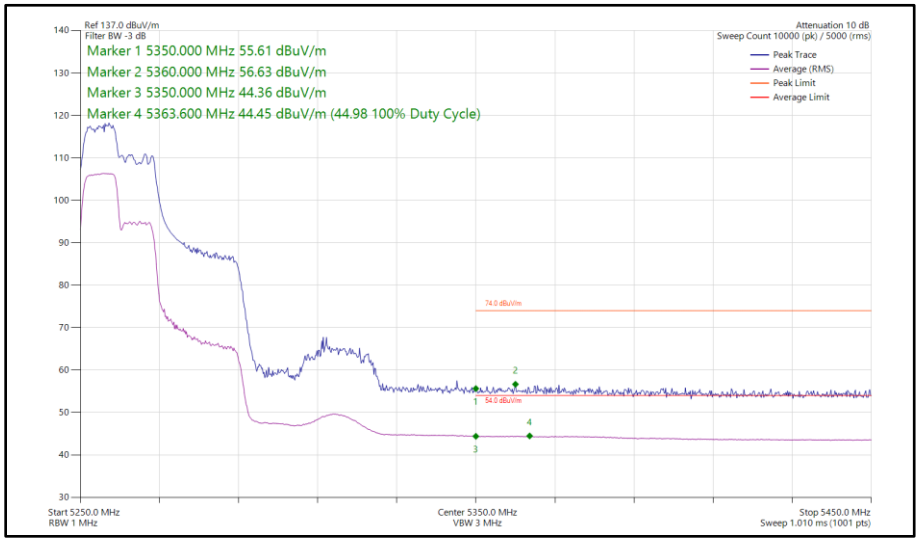

Figure 116 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

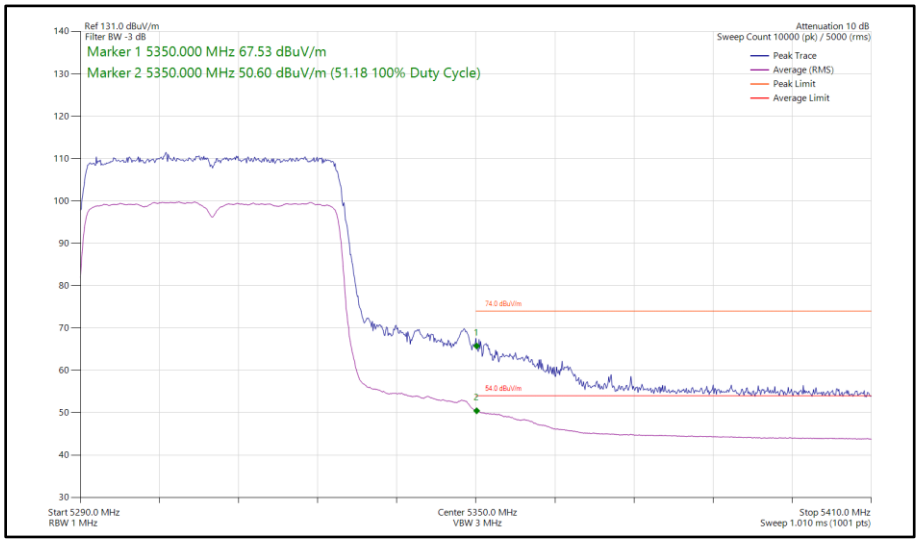

Figure 117 - 802.11ax HE40, SU, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

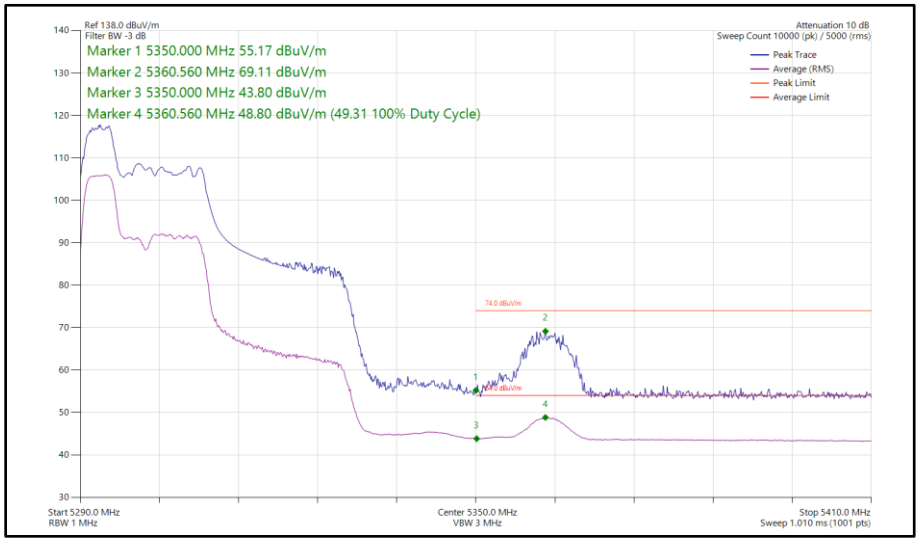

Figure 118 - 802.11ax HE40, RU 52-37, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

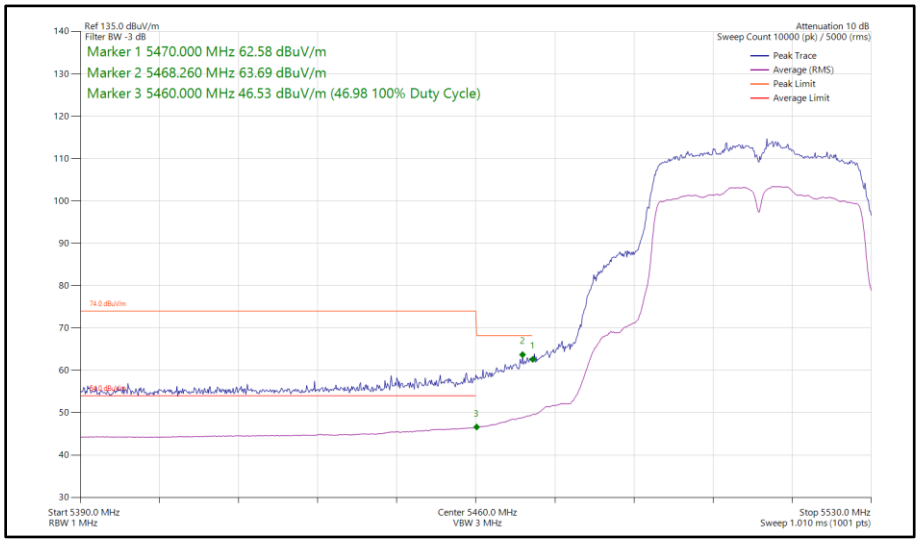

Figure 119 - 802.11n HT40, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

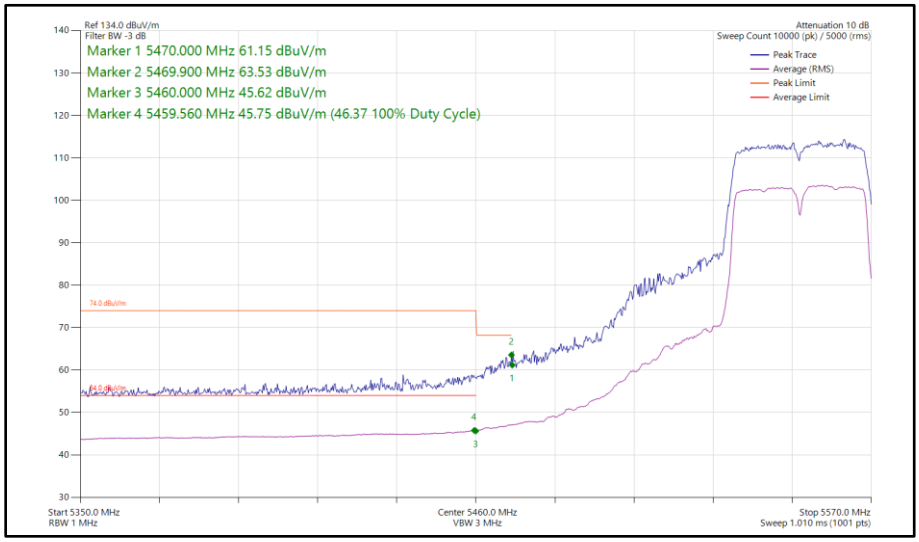

Figure 120 - 802.11n HT40, SISO, Core 1 - 5550 MHz
Band Edge Frequency 5460 MHz

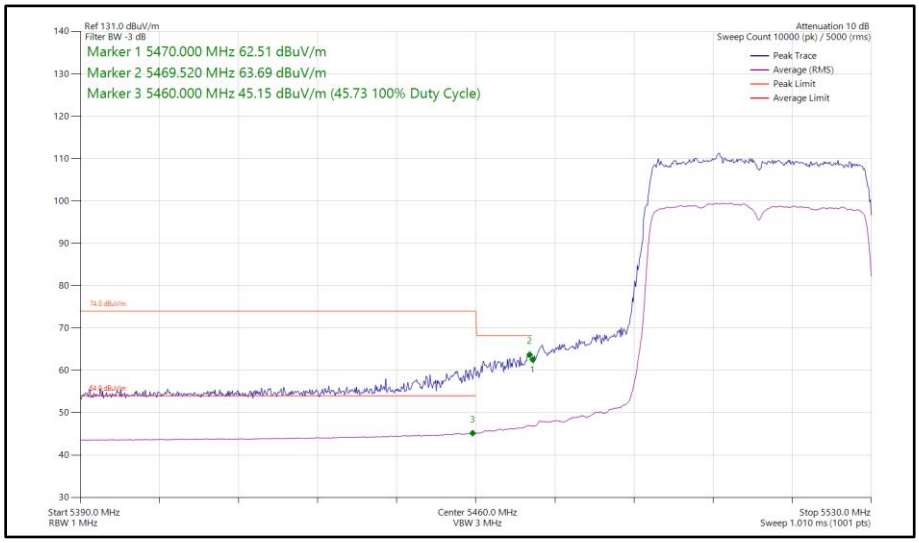

Figure 121 - 802.11ax HE40, SU, SISO, Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz

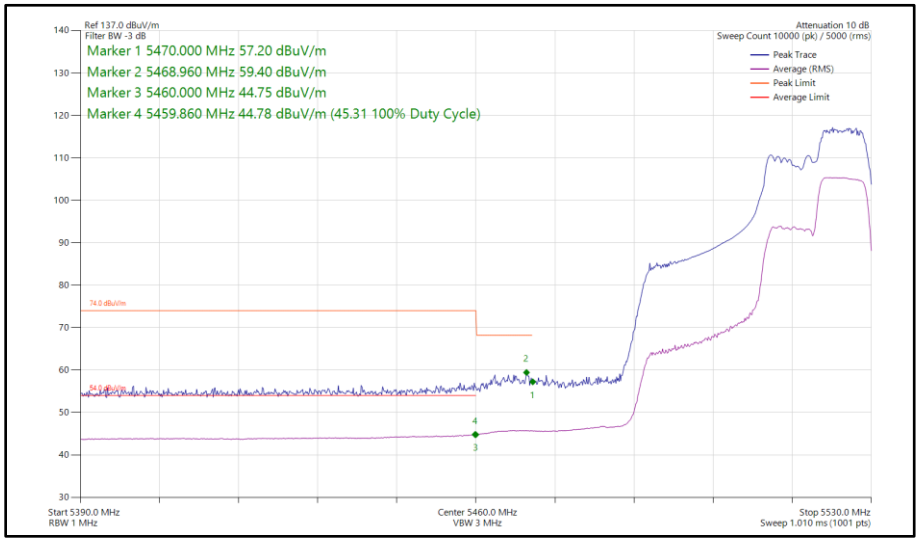

Figure 122 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

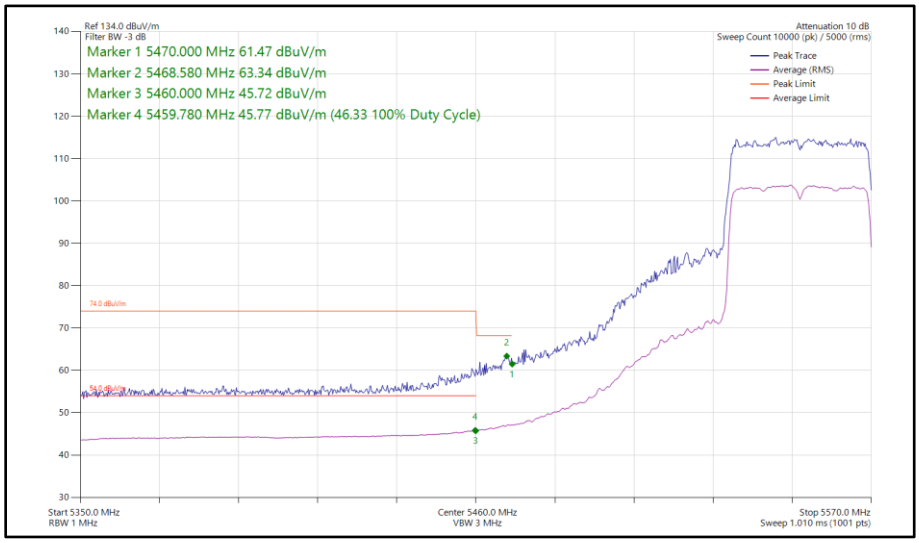

Figure 123 - 802.11ax HE40, SU, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz