TUV SUD SERVICES (UK) LIMITED
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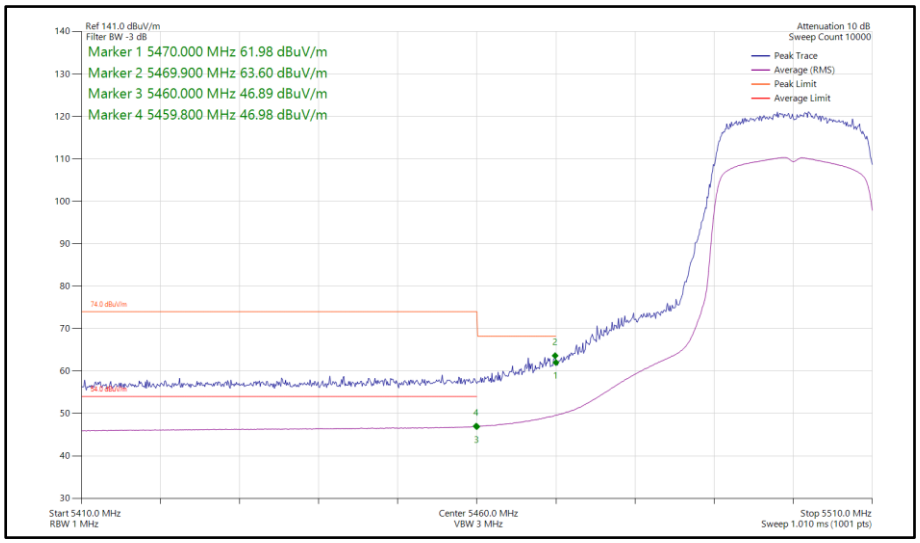

Figure 133 - 802.11ax HE20, SU, TxBF, Core 0-1 - 5500 MHz Band Edge Frequency 5460 MHz

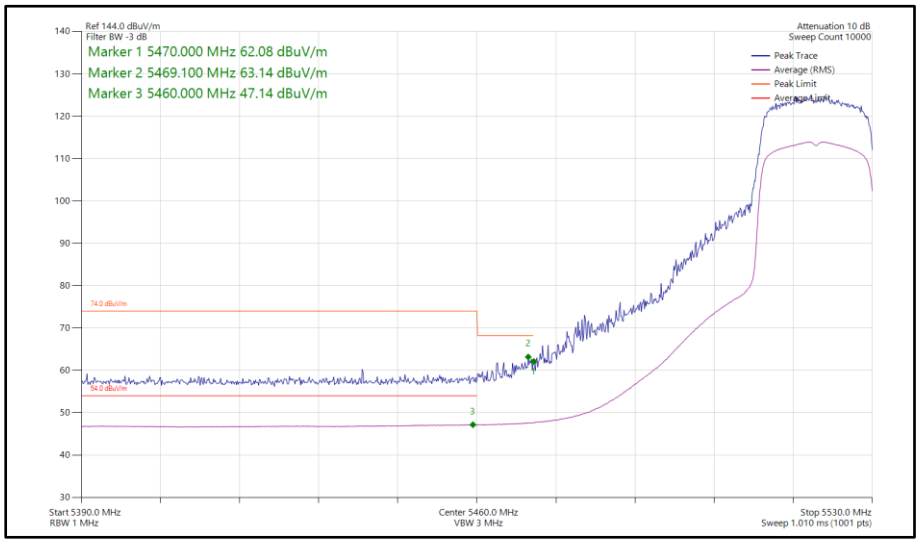

Figure 134 - 802.11ax HE20, SU, TxBF, Core 0-1 - 5520 MHz Band Edge Frequency 5460 MHz

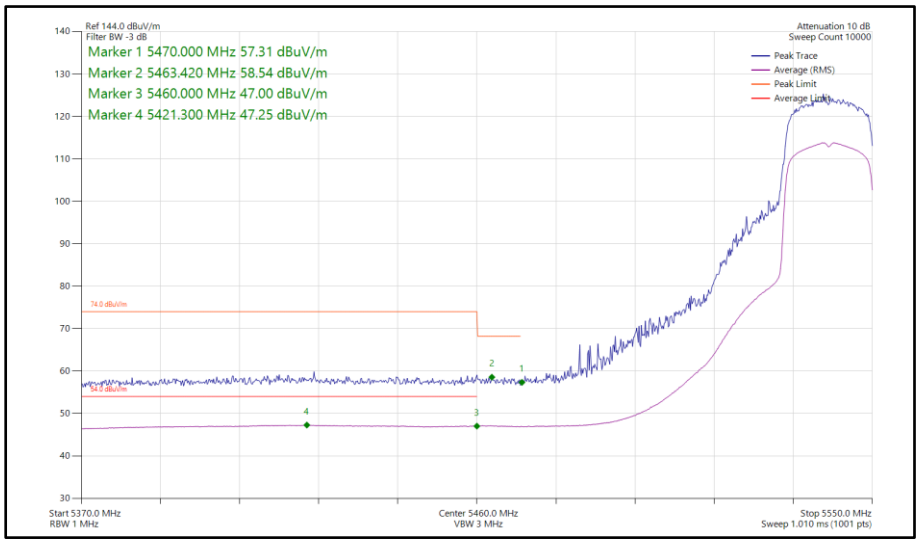

Figure 135 - 802.11ax HE20, SU, TxBF, Core 0-1 - 5540 MHz Band Edge Frequency 5460 MHz

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)
802.11a a40	24 Mbps	-	-	5190	5150	61.16	51.28
802.11a a40	54 Mbps	-	-	5230	5150	64.07	51.35
802.11n HT40	MCS 7	-	-	5190	5150	68.01	51.42
802.11n HT40	MCS 4	-	-	5230	5150	60.68	45.85
802.11ax HE40	MCS 4x1	SU	-	5190	5150	63.91	51.15
802.11ax HE40	MCS 11x1	52	44	5190	5150	65.06	44.80
802.11ax HE40	MCS 4x1	SU	-	5230	5150	60.79	45.97
802.11ax HE40	MCS 11x1	106	53	5230	5150	54.67	41.93
802.11be EHT40	MCS 9	52+26	75	5190	5150	64.38	46.40
802.11be EHT40	MCS 9	106+26	82	5230	5150	54.74	42.23
802.11a a40	12 Mbps	-	-	5270	5350	64.46	51.27
802.11a a40	12 Mbps	-	-	5310	5350	69.39	50.19
802.11n HT40	MCS 7	-	-	5270	5350	63.77	48.12
802.11n HT40	MCS 2	-	-	5310	5350	68.10	51.44
802.11ax HE40	MCS 11x1	SU	-	5270	5350	66.44	49.30
802.11ax HE40	MCS 11x1	106	56	5270	5350	56.47	44.56
802.11ax HE40	MCS 2x1	SU	-	5310	5350	65.78	51.40
802.11ax HE40	MCS 11x1	106	53	5310	5350	62.78	47.36
802.11be EHT40	MCS 9	106+26	82	5270	5350	57.16	45.16
802.11be EHT40	MCS 9	106+26	82	5310	5350	60.03	46.42
802.11a a40	24 Mbps	-	-	5510	5460	62.65	51.20
802.11a a40	24 Mbps	-	-	5550	5460	63.17	50.39
802.11a a40	54 Mbps	-	-	5590	5460	61.81	50.85
802.11n HT40	MCS 7	-	-	5510	5460	63.68	46.04
802.11n HT40	MCS 7	-	-	5550	5460	63.48	47.22
802.11n HT40	MCS 7	-	-	5590	5460	59.93	46.81
802.11ax HE40	MCS 4x1	SU	-	5510	5460	63.61	48.09
802.11ax HE40	MCS 11x1	106	56	5510	5460	63.31	45.97
802.11ax HE40	MCS 11x1	SU	-	5550	5460	62.76	46.83
802.11ax HE40	MCS 11x1	106	53	5550	5460	56.88	45.02
802.11ax HE40	MCS 2x1	SU	-	5590	5460	58.89	46.91
802.11ax HE40	MCS 11x1	106	53	5590	5460	56.23	44.75
802.11be EHT40	MCS 9	52+26	75	5510	5460	63.27	43.92
802.11be EHT40	MCS 9	106+26	85	5550	5460	56.80	45.16
802.11be EHT40	MCS 9	106+26	85	5590	5460	56.53	45.03

Table 12 - SISO Restricted Band Edge Results

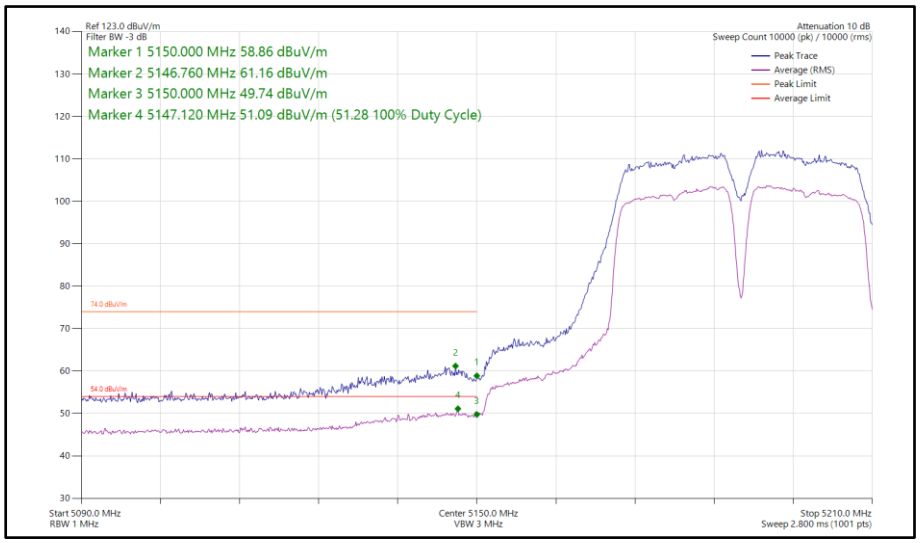

Figure 136 - 802.11a a40, SISO, Core 0 - 5190 MHz
Band Edge Frequency 5150 MHz

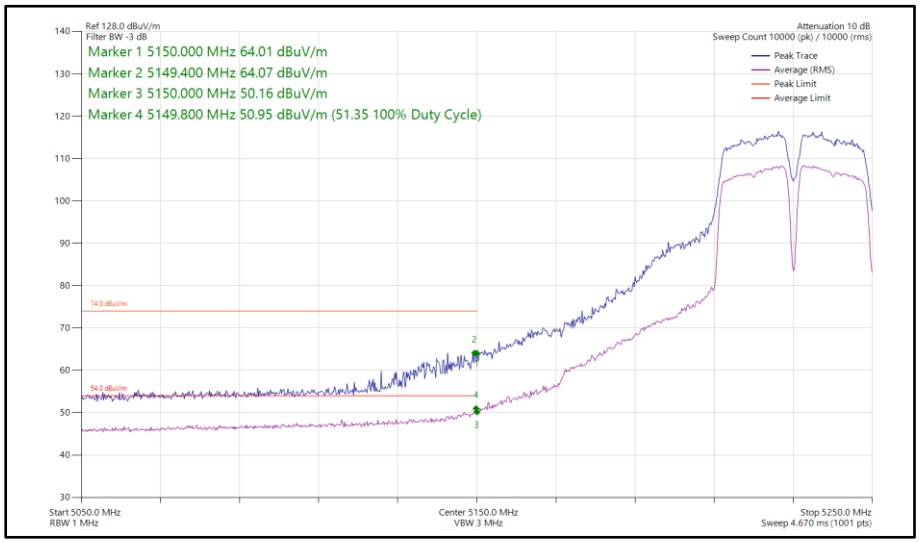

Figure 137 - 802.11a a40, SISO, Core 0 - 5230 MHz
Band Edge Frequency 5150 MHz

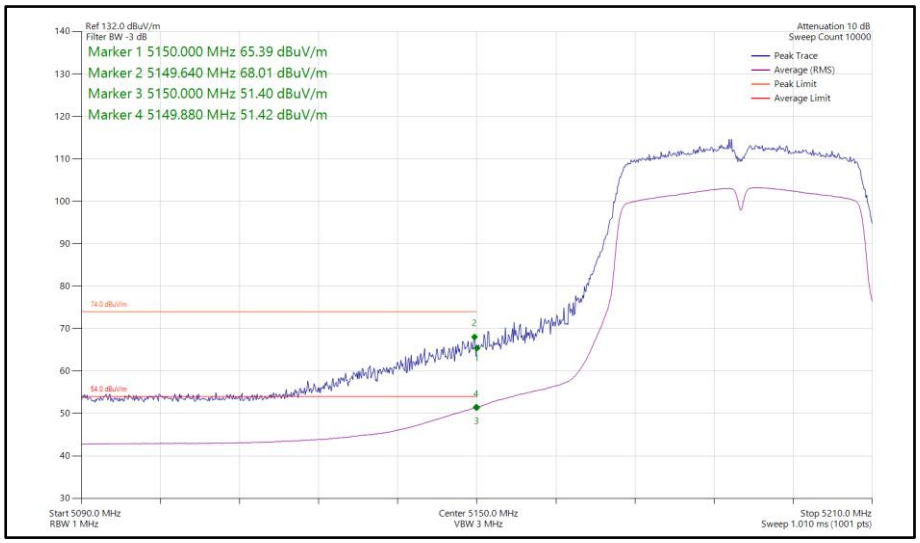

Figure 138 - 802.11n HT40, SISO, Core 0 - 5190 MHz Band Edge Frequency 5150 MHz

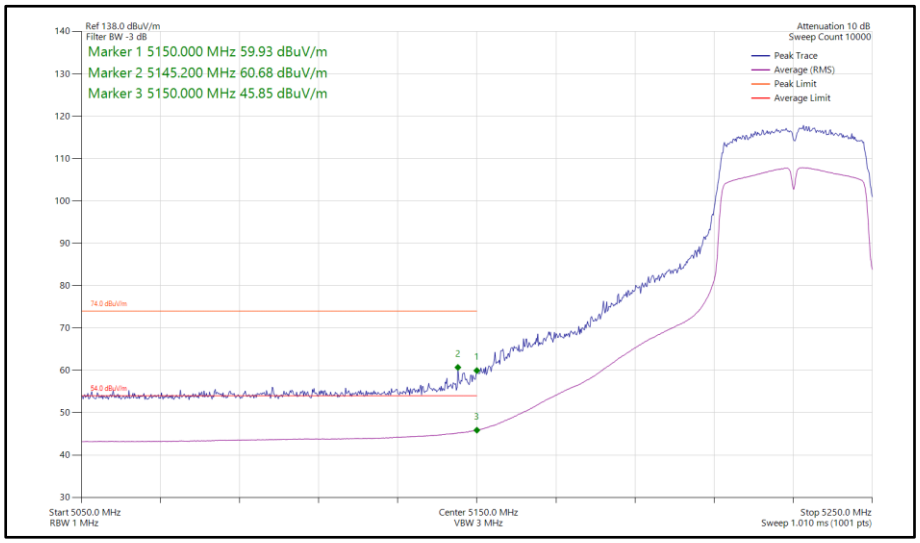

Figure 139 - 802.11n HT40, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

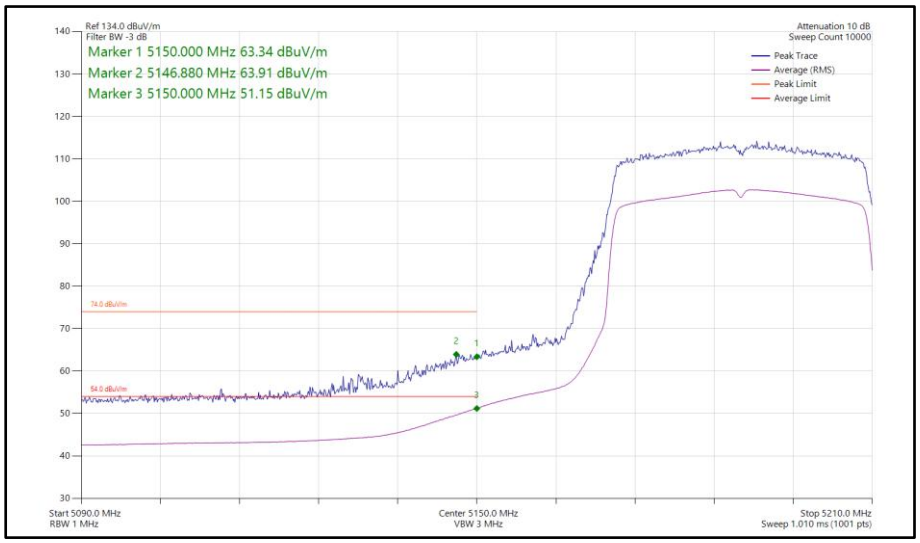

Figure 140 - 802.11ax HE40, SU, SISO, Core 0 - 5190 MHz Band Edge Frequency 5150 MHz

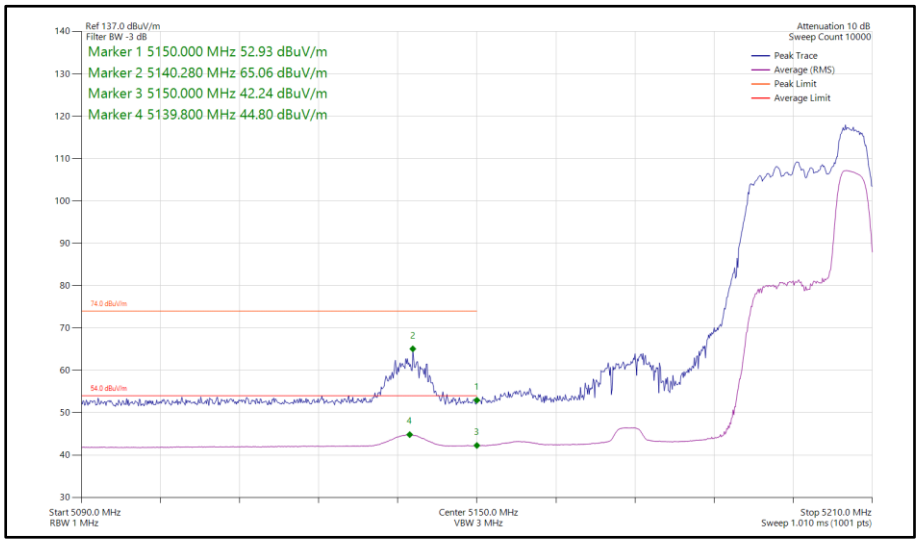

Figure 141 - 802.11ax HE40, RU 52-44, SISO, Core 0 - 5190 MHz Band Edge Frequency 5150 MHz

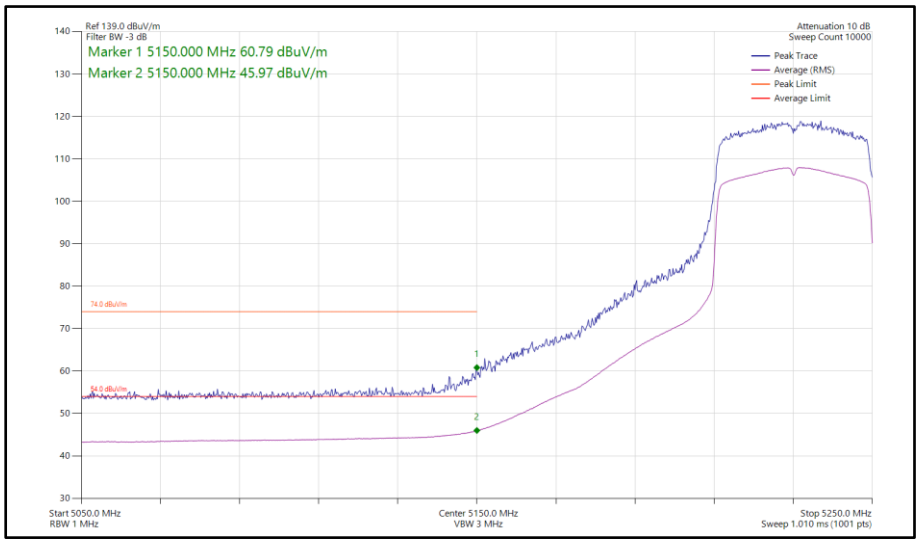

Figure 142 - 802.11ax HE40, SU, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

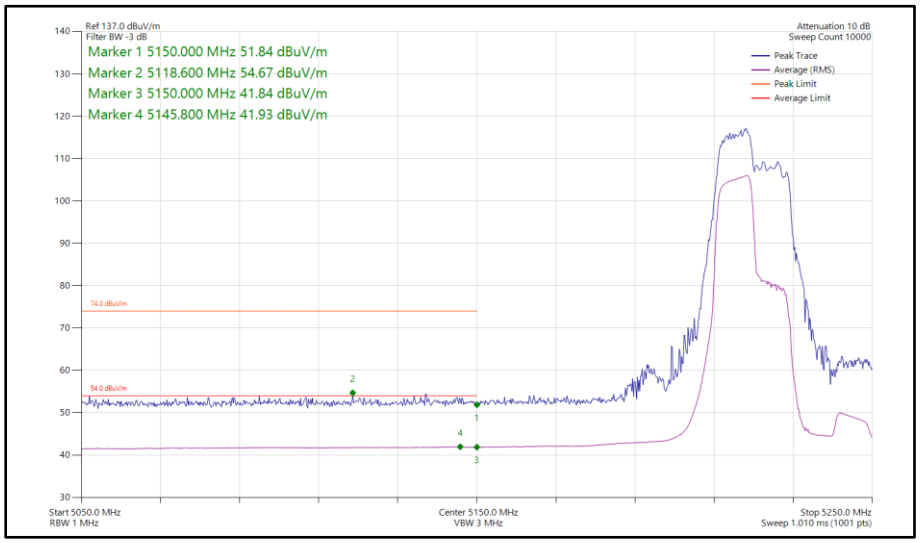

Figure 143 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

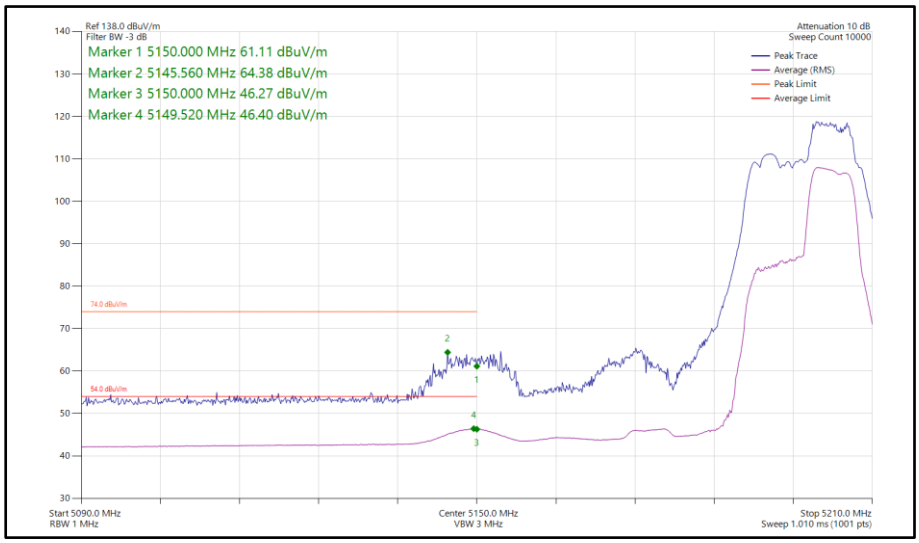

Figure 144 - 802.11be EHT40 RU 52+26-75, SISO, Core 0 - 5190 MHz Band Edge Frequency 5150 MHz

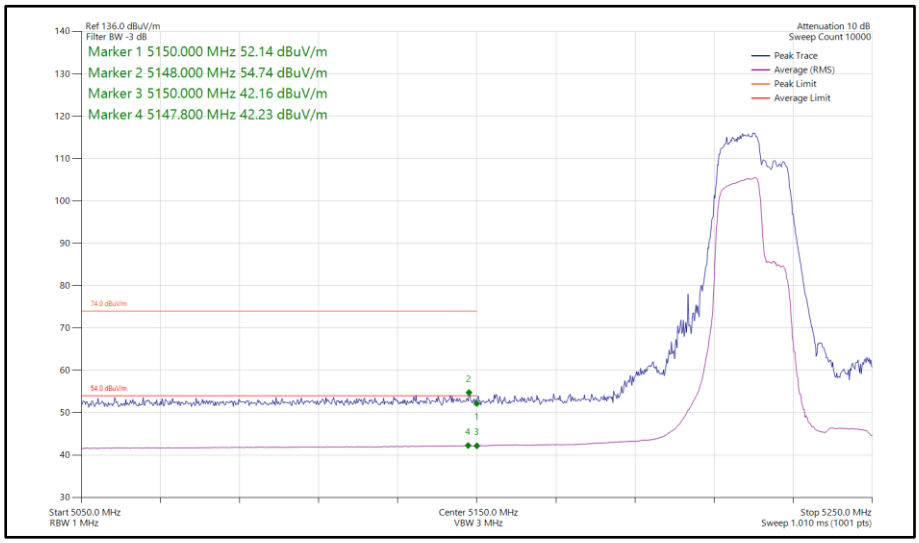

Figure 145 - 802.11be EHT40 RU 106+26-82, SISO, Core 0 - 5230 MHz Band Edge Frequency 5150 MHz

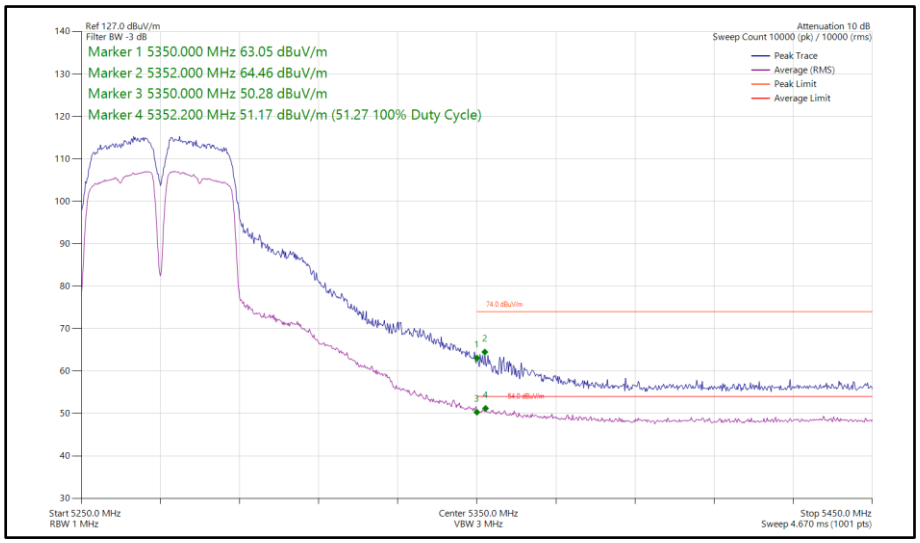

Figure 146 - 802.11a a40, SISO, Core 0 - 5270 MHz
Band Edge Frequency 5350 MHz

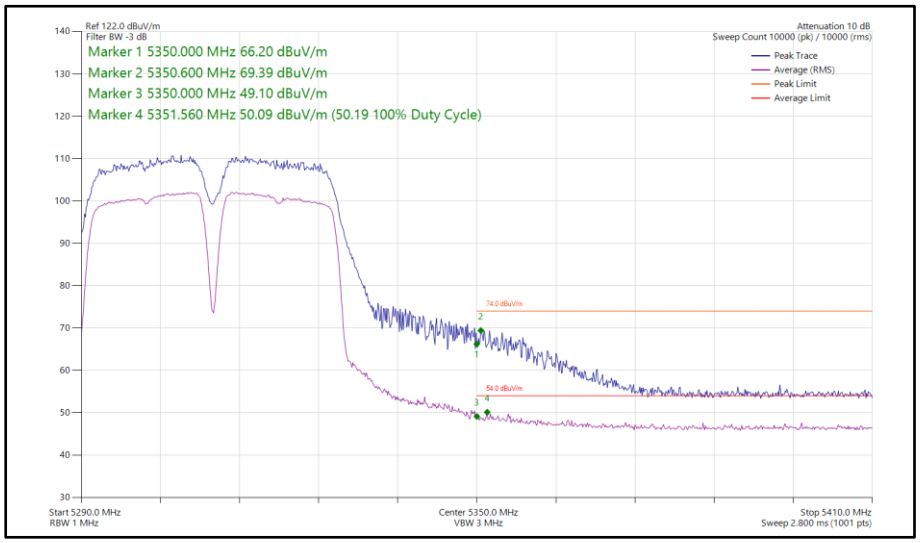

Figure 147 - 802.11a a40, SISO, Core 0 - 5310 MHz
Band Edge Frequency 5350 MHz

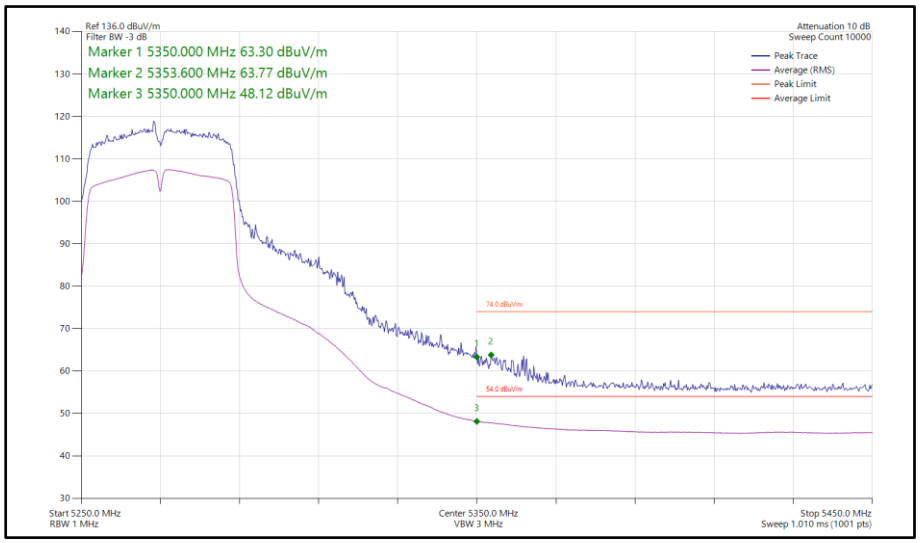

Figure 148 - 802.11n HT40, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

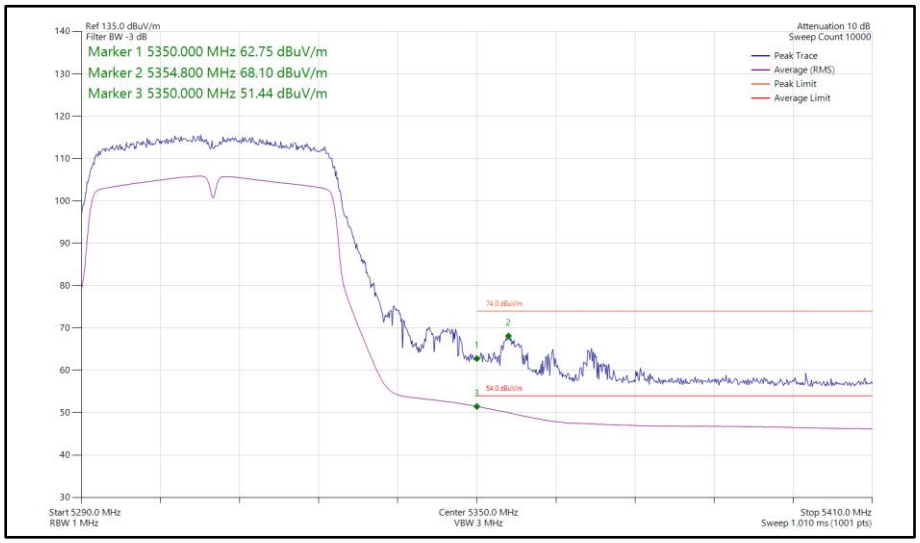

Figure 149 - 802.11n HT40, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

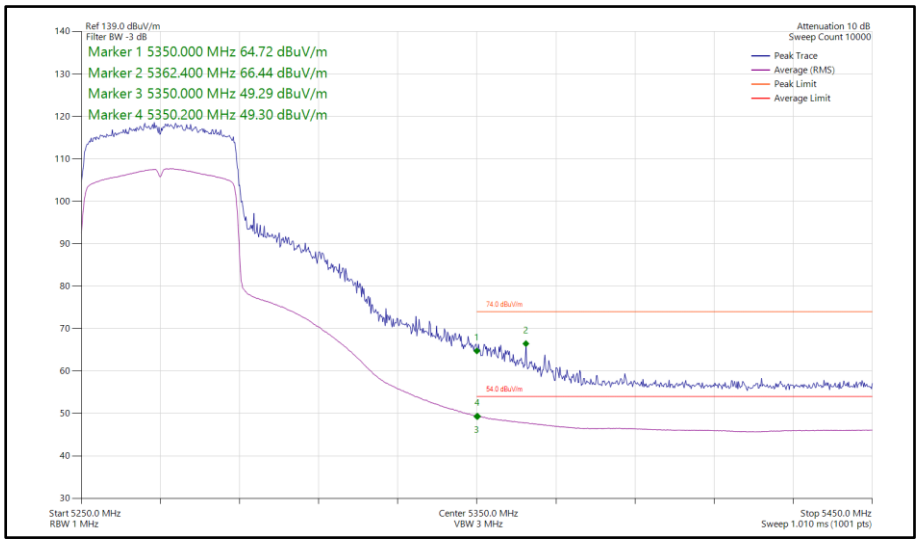

Figure 150 - 802.11ax HE40, SU, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

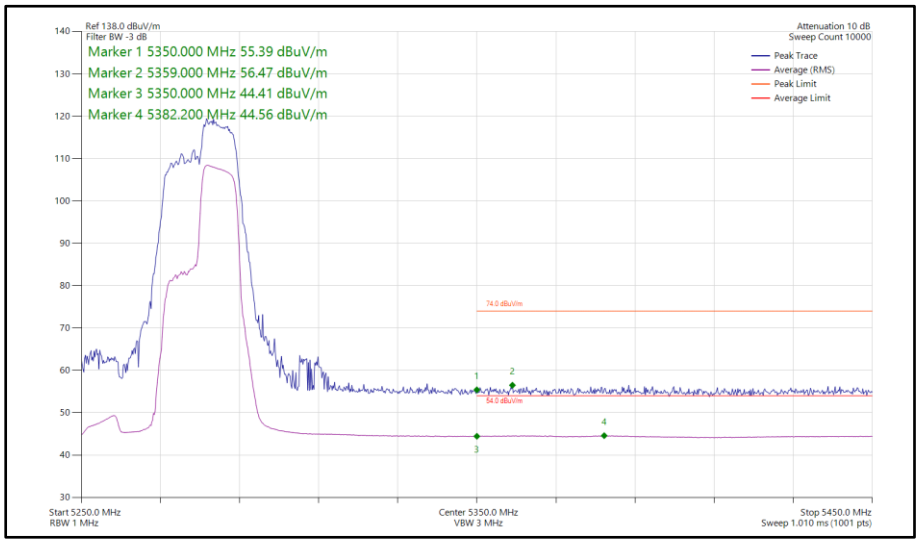

Figure 151 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

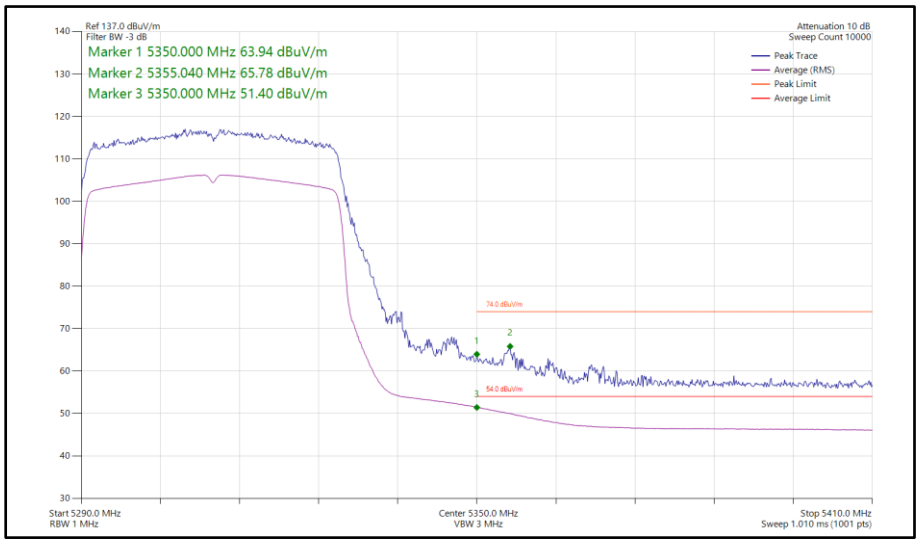

Figure 152 - 802.11ax HE40, SU, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

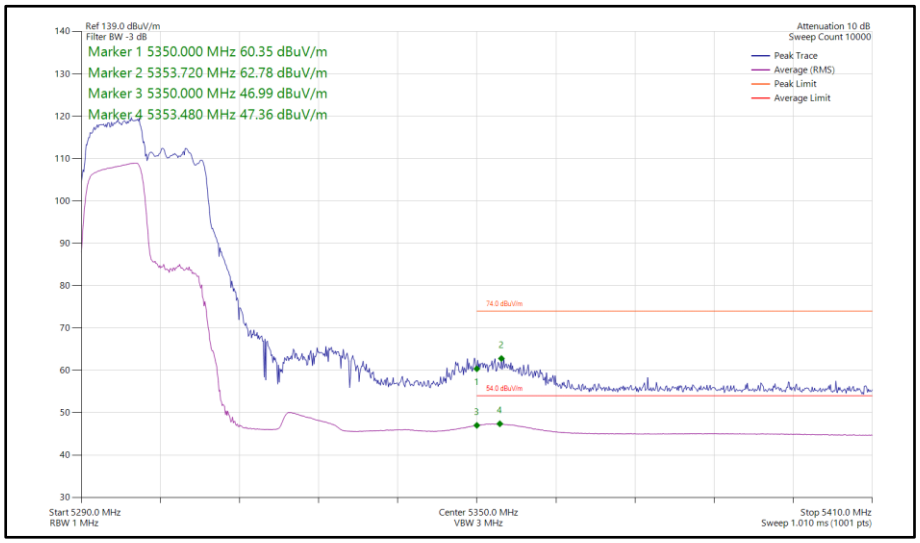

Figure 153 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

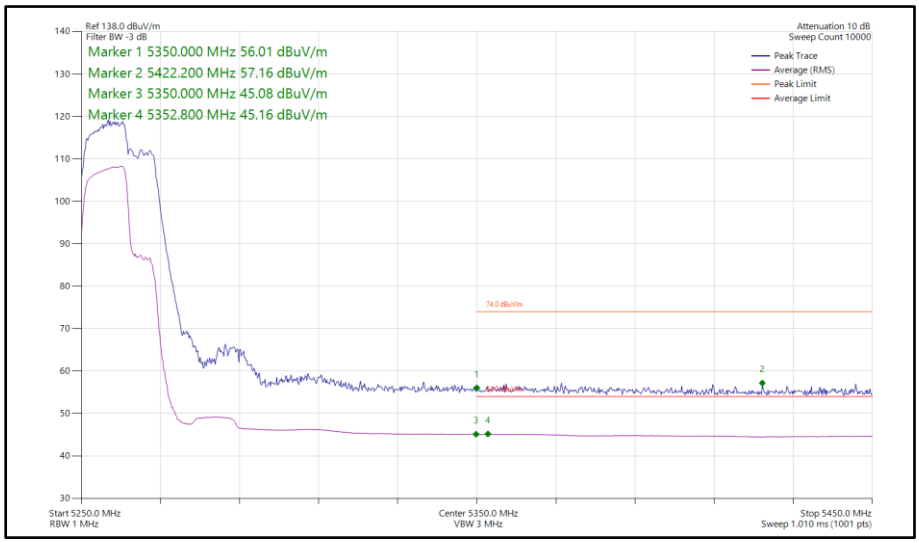

Figure 154 - 802.11be EHT40 RU 106+26-82, SISO, Core 0 - 5270 MHz Band Edge Frequency 5350 MHz

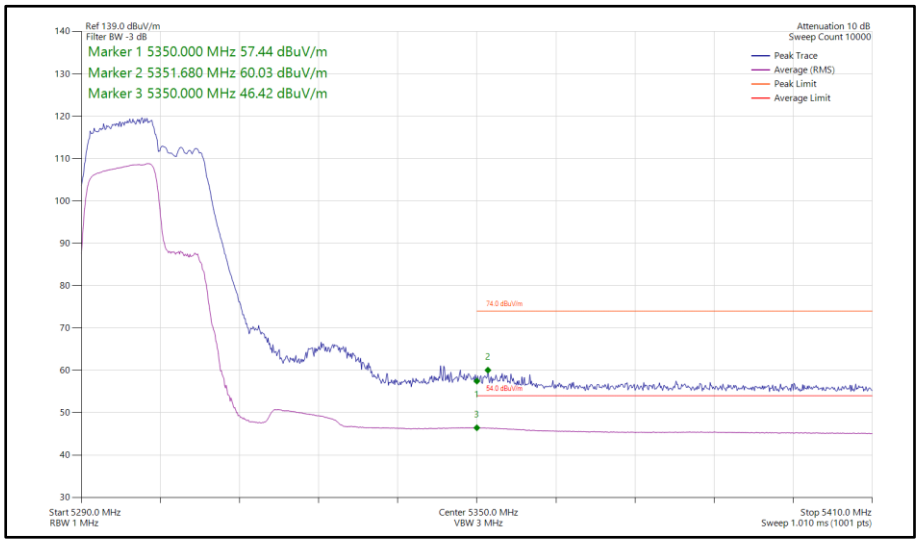

Figure 155 - 802.11be EHT40 RU 106+26-82, SISO, Core 0 - 5310 MHz Band Edge Frequency 5350 MHz

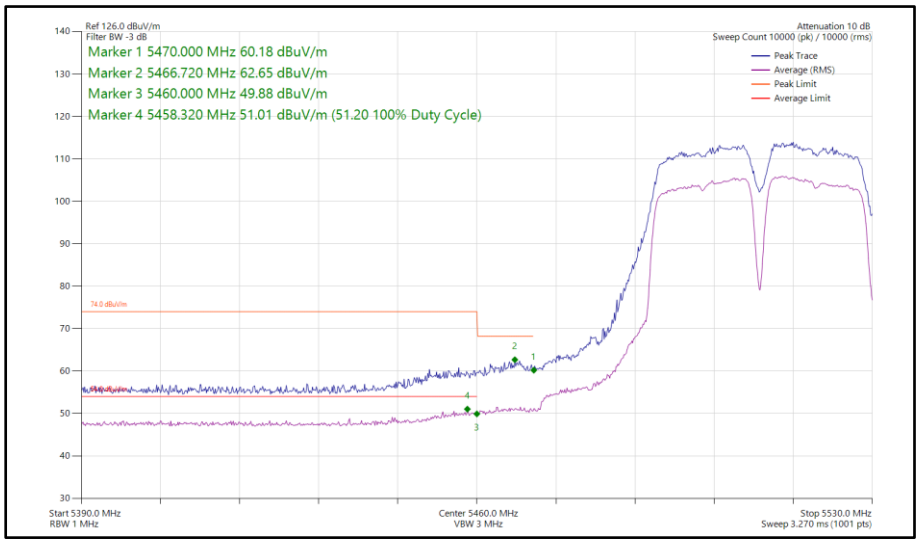

Figure 156 - 802.11a a40, SISO, Core 0 - 5510 MHz
Band Edge Frequency 5460 MHz

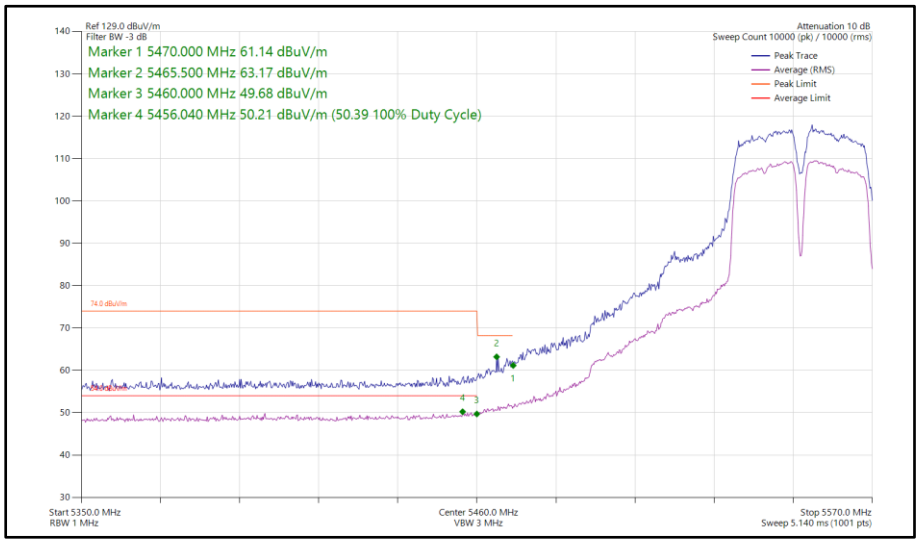

Figure 157 - 802.11a a40, SISO, Core 0 - 5550 MHz
Band Edge Frequency 5460 MHz

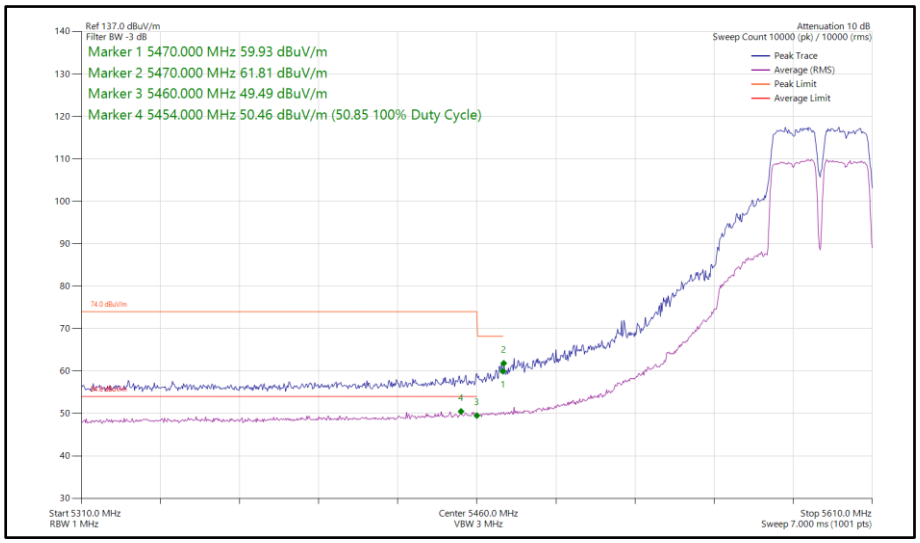

Figure 158 - 802.11a a40, SISO, Core 0 - 5590 MHz
Band Edge Frequency 5460 MHz

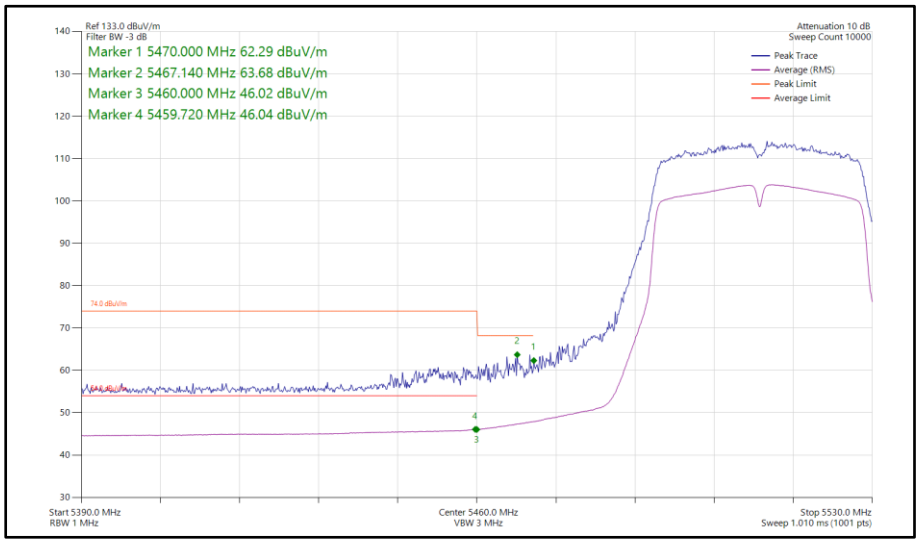

Figure 159 - 802.11n HT40, SISO, Core 0 - 5510 MHz
Band Edge Frequency 5460 MHz

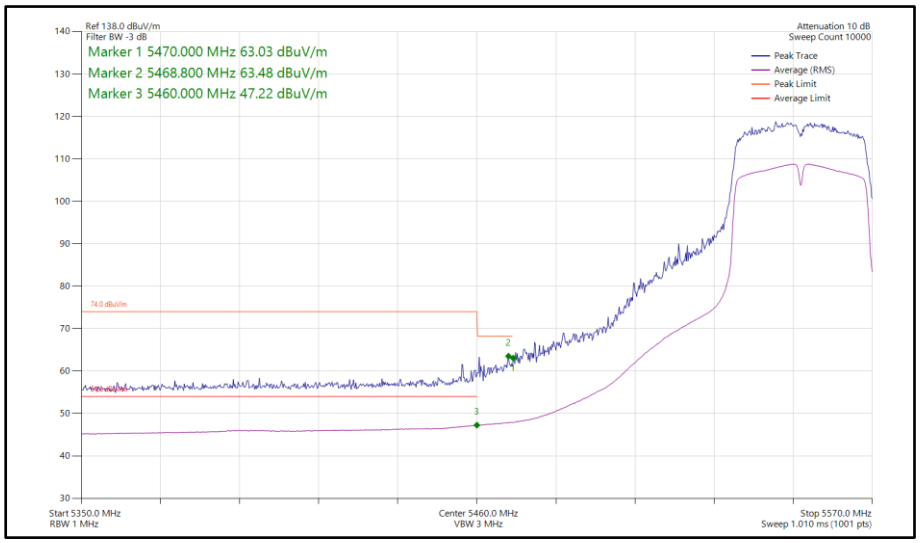

Figure 160 - 802.11n HT40, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

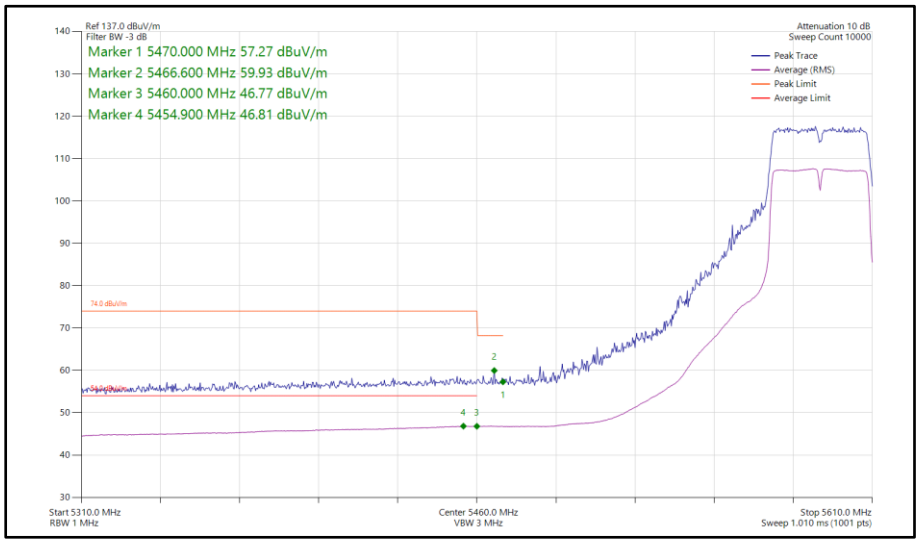

Figure 161 - 802.11n HT40, SISO, Core 0 - 5590 MHz Band Edge Frequency 5460 MHz

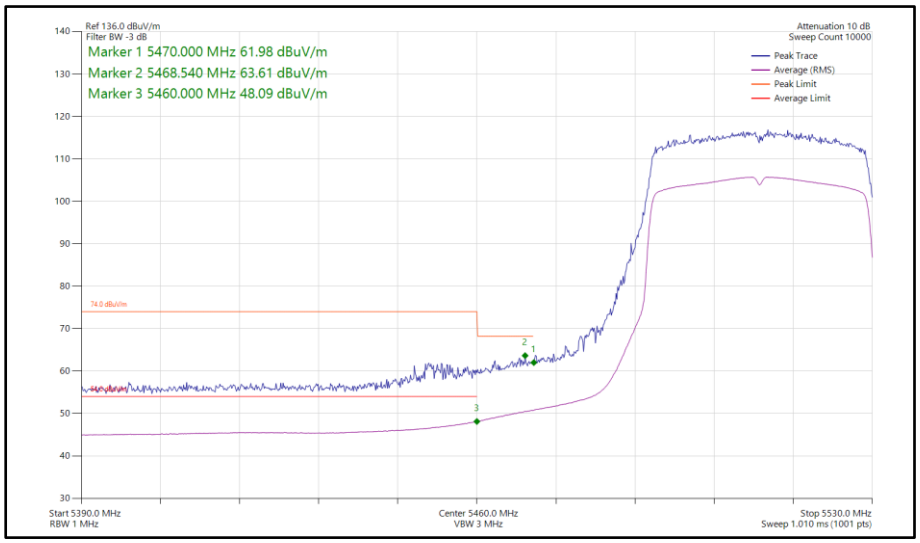

Figure 162 - 802.11ax HE40, SU, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

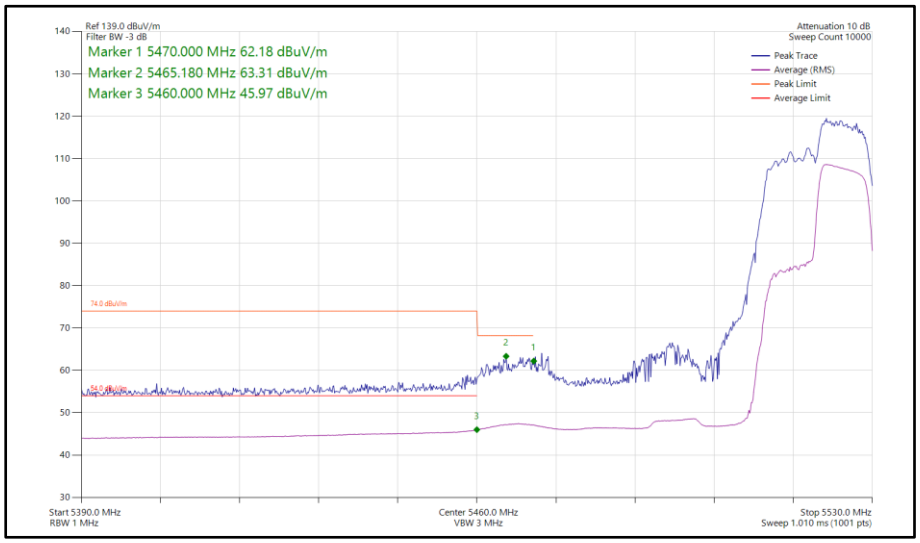

Figure 163 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

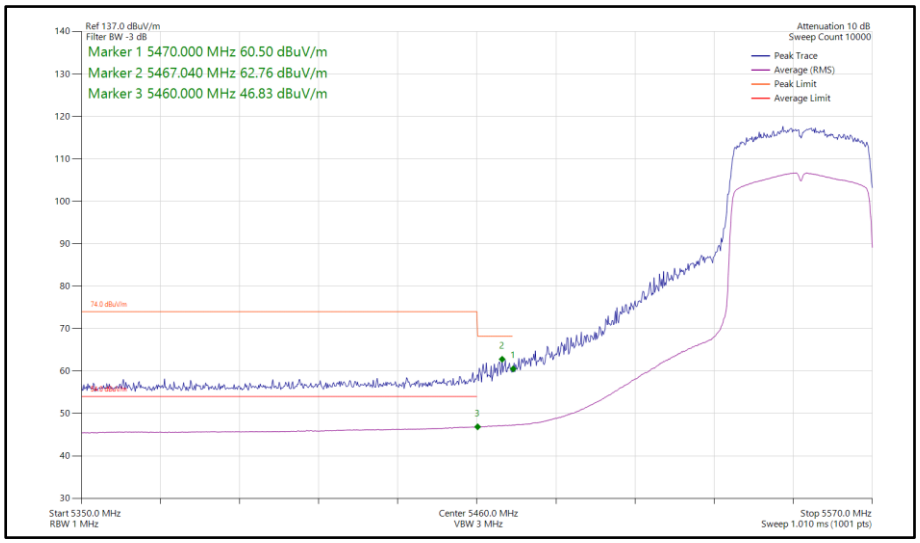

Figure 164 - 802.11ax HE40, SU, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

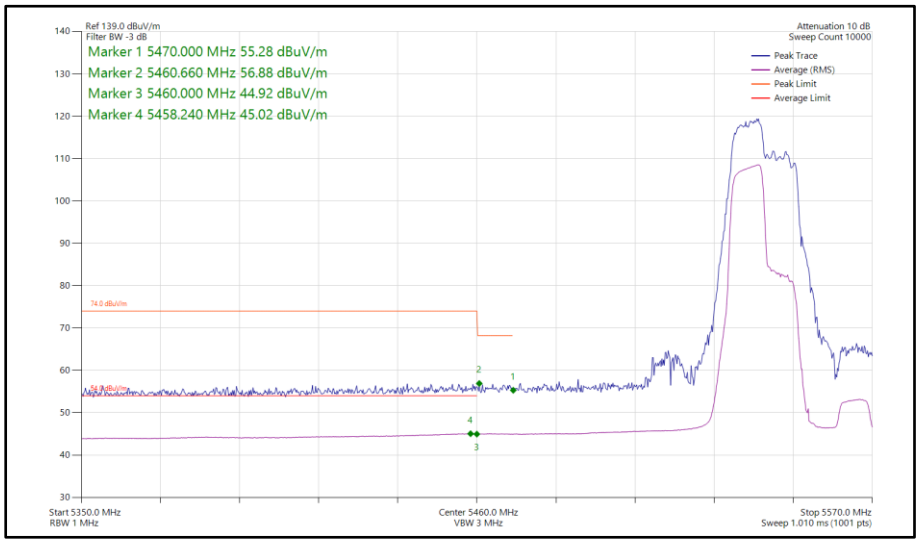

Figure 165 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

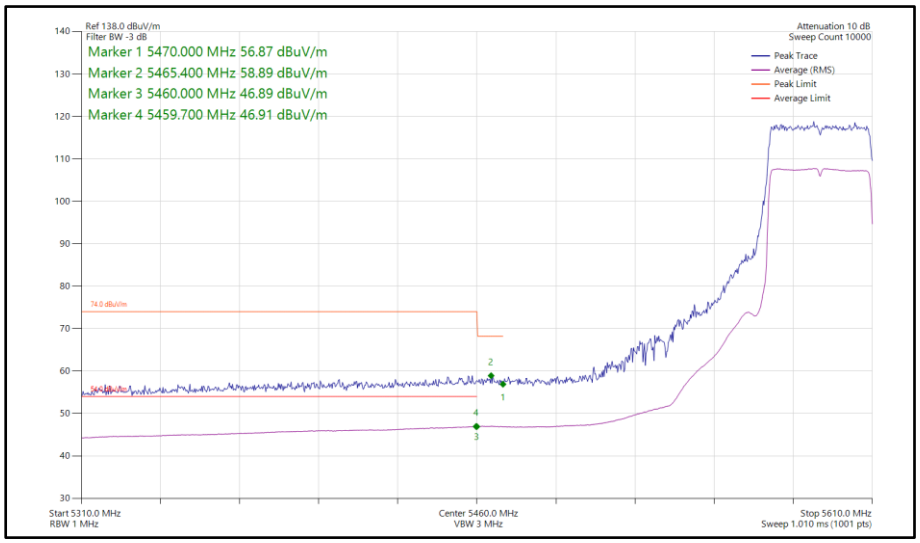

Figure 166 - 802.11ax HE40, SU, SISO, Core 0 - 5590 MHz Band Edge Frequency 5460 MHz

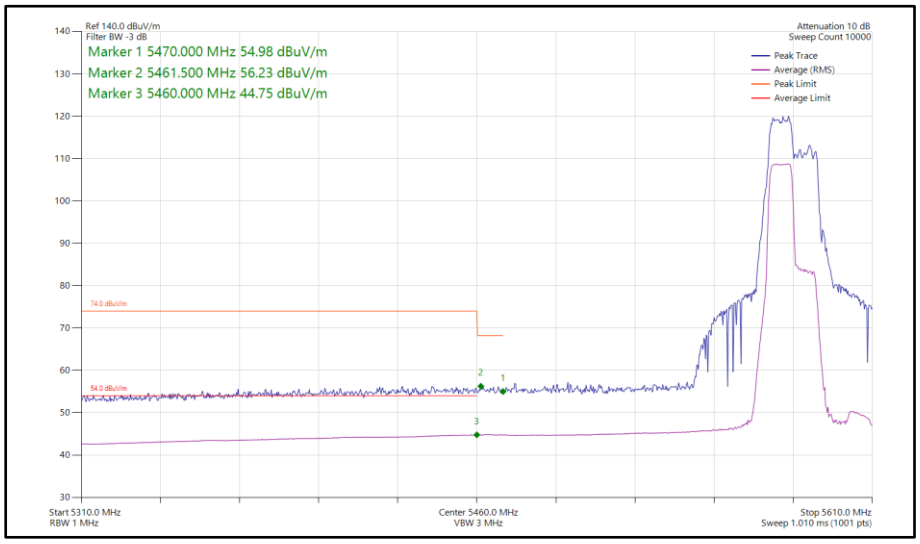

Figure 167 - 802.11ax HE40, RU 106-53, SISO, Core 0 - 5590 MHz Band Edge Frequency 5460 MHz

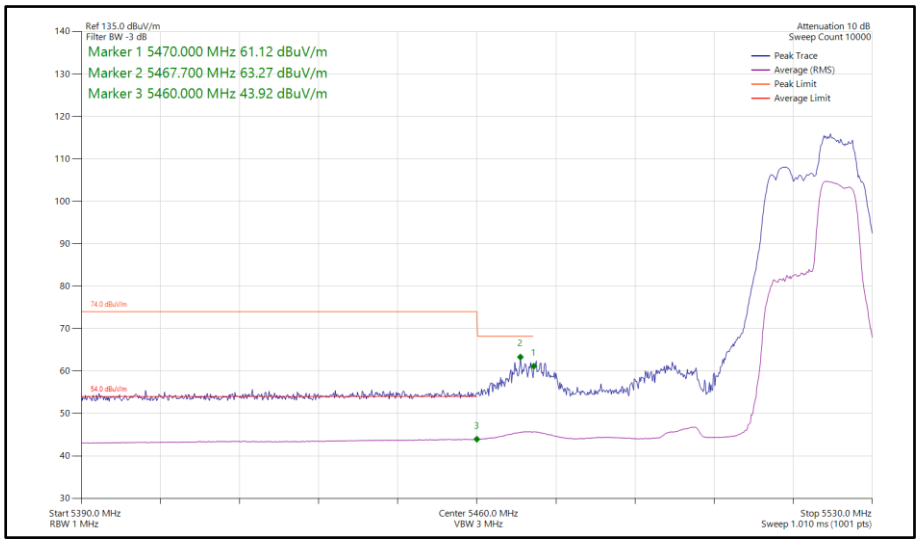

Figure 168 - 802.11be EHT40 RU 52+26-75, SISO, Core 0 - 5510 MHz Band Edge Frequency 5460 MHz

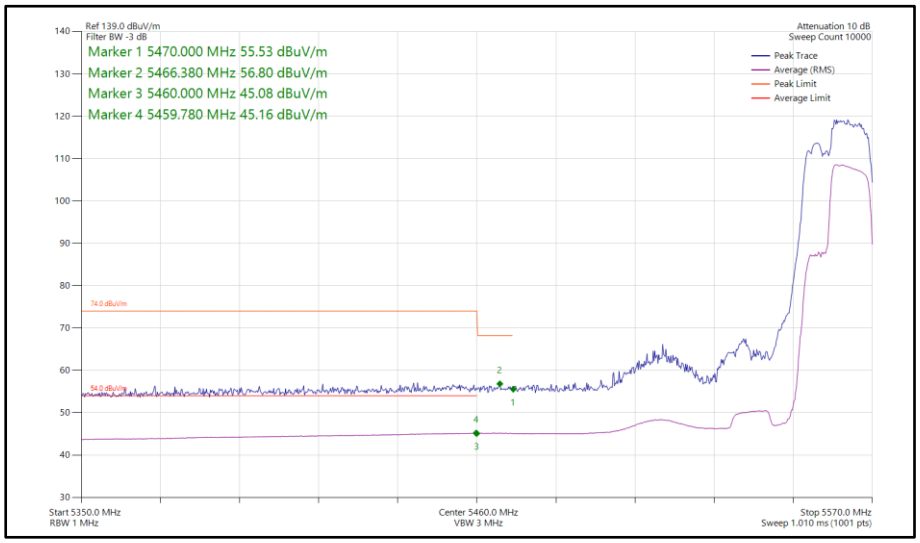

Figure 169 - 802.11be EHT40 RU 106+26-85, SISO, Core 0 - 5550 MHz Band Edge Frequency 5460 MHz

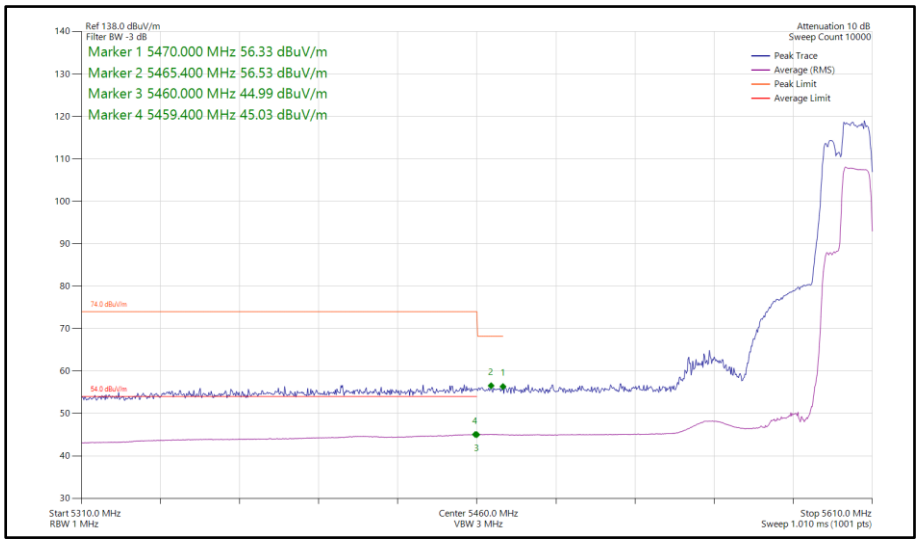

Figure 170 - 802.11be EHT40 RU 106+26-85, SISO, Core 0 - 5590 MHz Band Edge Frequency 5460 MHz

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)
802.11a a40	54 Mbps	-	-	5190	5150	69.07	51.22
802.11a a40	54 Mbps	-	-	5230	5150	62.85	51.20
802.11n HT40	MCS 4	-	-	5190	5150	64.08	51.38
802.11n HT40	MCS 7	-	-	5230	5150	62.49	46.19
802.11ax HE40	MCS 2x1	SU	-	5190	5150	63.46	51.43
802.11ax HE40	MCS 11x1	106	56	5190	5150	61.08	45.45
802.11ax HE40	MCS 11x1	SU	-	5230	5150	63.23	46.97
802.11ax HE40	MCS 11x1	106	56	5230	5150	54.79	42.62
802.11be EHT40	MCS 9	106+26	85	5190	5150	62.84	46.06
802.11be EHT40	MCS 9	106+26	82	5230	5150	54.80	42.63
802.11a a40	54 Mbps	-	-	5270	5350	63.39	51.29
802.11a a40	24 Mbps	-	-	5310	5350	61.87	51.45
802.11n HT40	MCS 7	-	-	5270	5350	62.56	47.75
802.11n HT40	MCS 4	-	-	5310	5350	66.45	51.24
802.11ax HE40	MCS 11x1	SU	-	5270	5350	63.68	47.60
802.11ax HE40	MCS 11x1	106	53	5270	5350	56.50	44.19
802.11ax HE40	MCS 4x1	SU	-	5310	5350	66.02	51.50
802.11ax HE40	MCS 11x1	106	53	5310	5350	60.19	45.68
802.11be EHT40	MCS 9	106+26	82	5270	5350	56.37	44.13
802.11be EHT40	MCS 9	106+26	82	5310	5350	60.00	45.94
802.11a a40	24 Mbps	-	-	5510	5460	62.48	50.90
802.11a a40	12 Mbps	-	-	5550	5460	63.37	49.96
802.11a a40	54 Mbps	-	-	5590	5460	57.98	48.55
802.11n HT40	MCS 2	-	-	5510	5460	63.46	47.16
802.11n HT40	MCS 7	-	-	5550	5460	62.22	45.29
802.11n HT40	MCS 7	-	-	5590	5460	56.79	44.92
802.11ax HE40	MCS 11x1	SU	-	5510	5460	63.62	44.85
802.11ax HE40	MCS 11x1	106	53	5510	5460	60.26	45.25
802.11ax HE40	MCS 11x1	SU	-	5550	5460	62.37	45.41
802.11ax HE40	MCS 11x1	106	56	5550	5460	55.64	43.83
802.11ax HE40	MCS 4x1	SU	-	5590	5460	56.72	45.03
802.11ax HE40	MCS 11x1	106	53	5590	5460	55.11	43.78
802.11be EHT40	MCS 9	52+26	75	5510	5460	63.32	43.82
802.11be EHT40	MCS 9	106+26	82	5550	5460	55.50	44.06
802.11be EHT40	MCS 9	106+26	82	5590	5460	55.98	44.07

Table 13 - SISO Restricted Band Edge Results

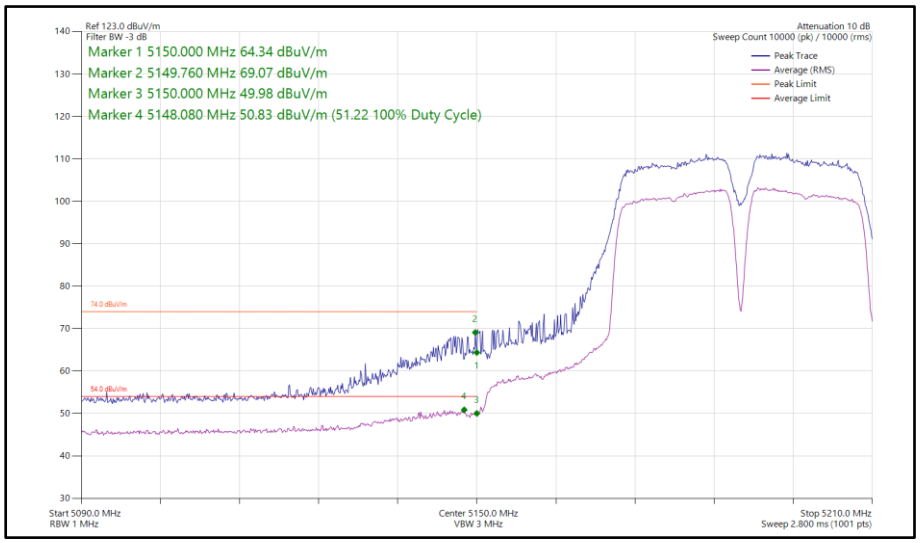

Figure 171 - 802.11a a40, SISO, Core 1 - 5190 MHz
Band Edge Frequency 5150 MHz

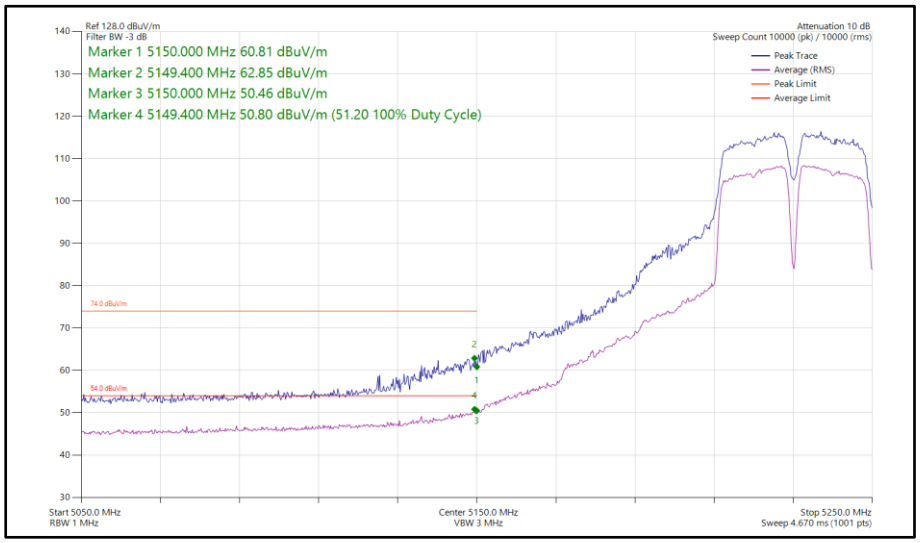

Figure 172 - 802.11a a40, SISO, Core 1 - 5230 MHz
Band Edge Frequency 5150 MHz

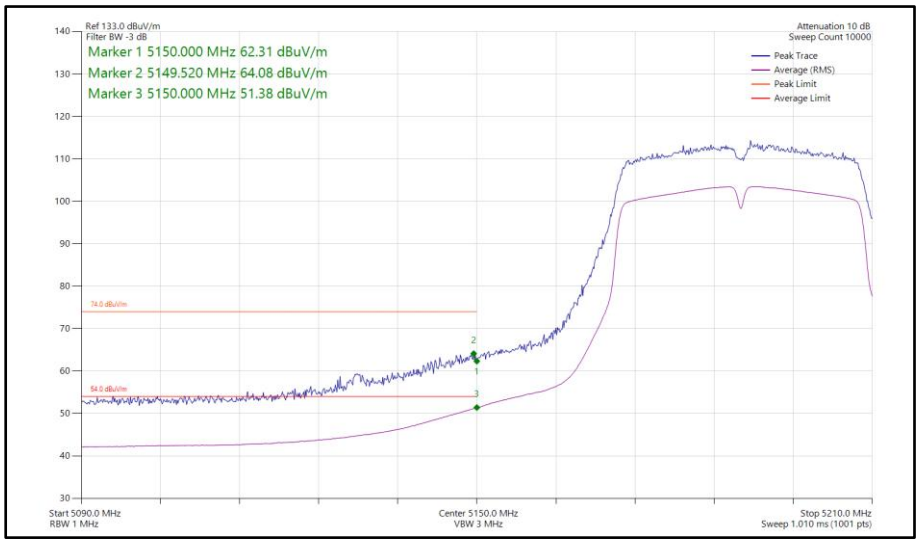

Figure 173 - 802.11n HT40, SISO, Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

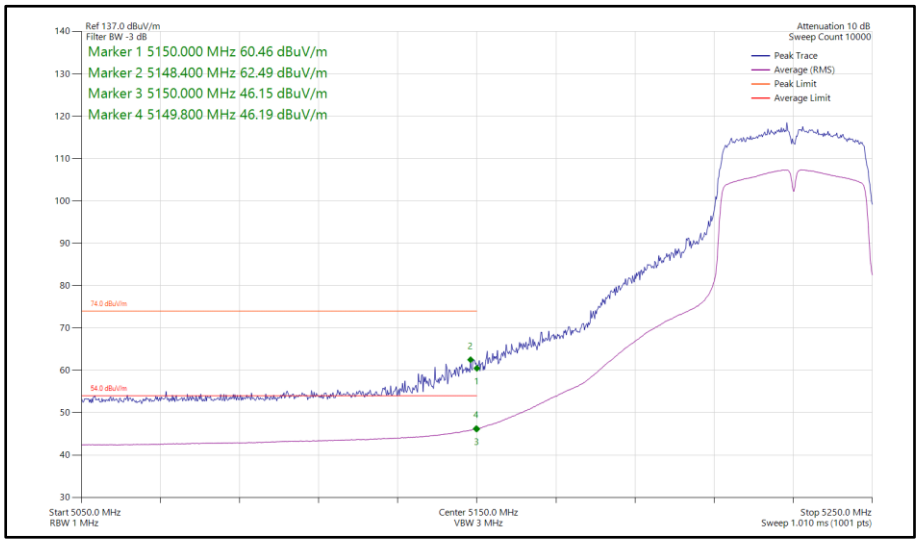

Figure 174 - 802.11n HT40, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

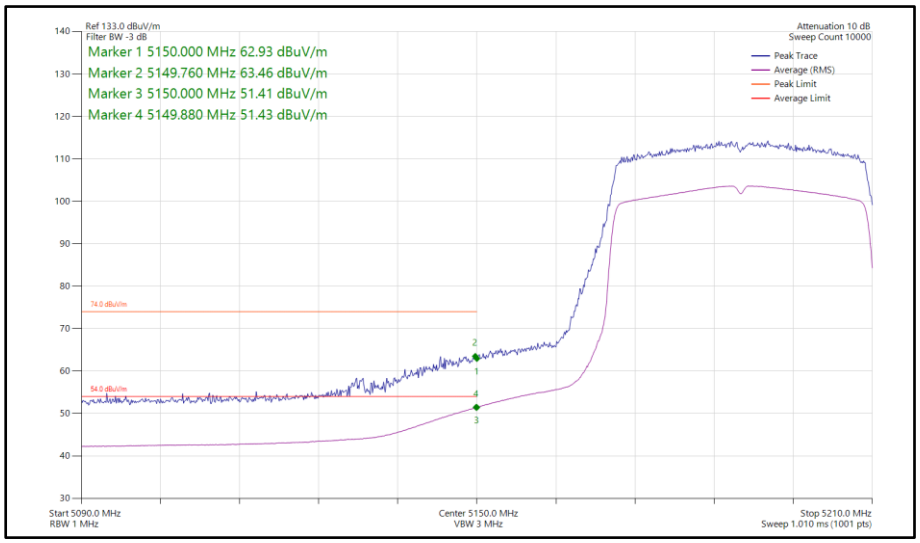

Figure 175 - 802.11ax HE40, SU, SISO, Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

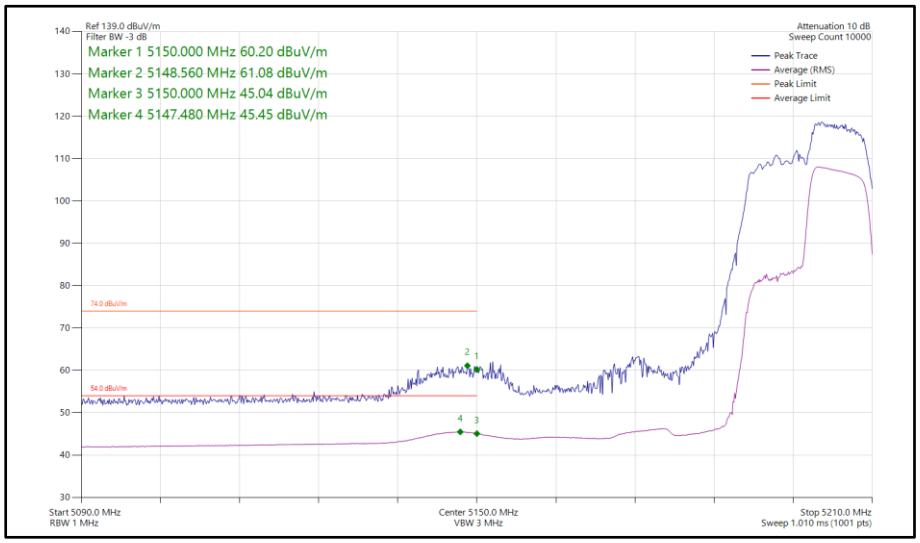

Figure 176 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

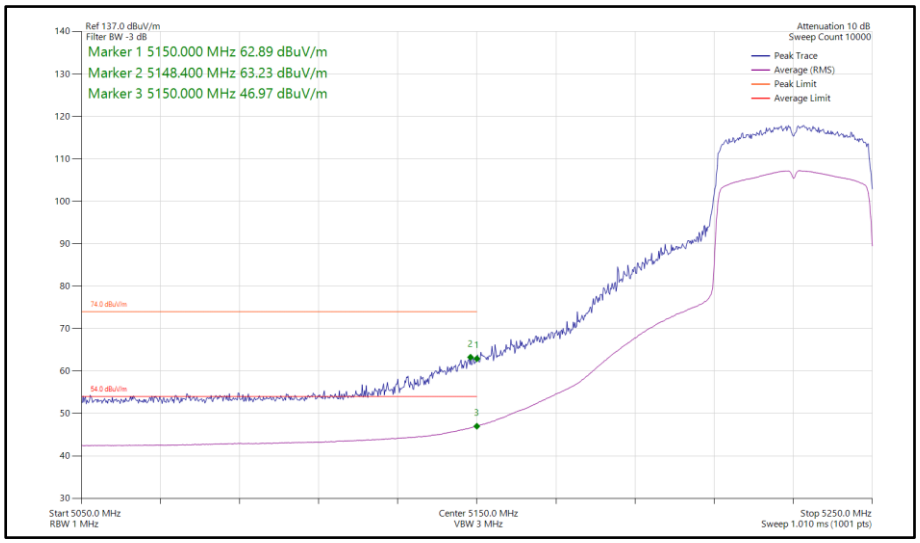

Figure 177 - 802.11ax HE40, SU, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

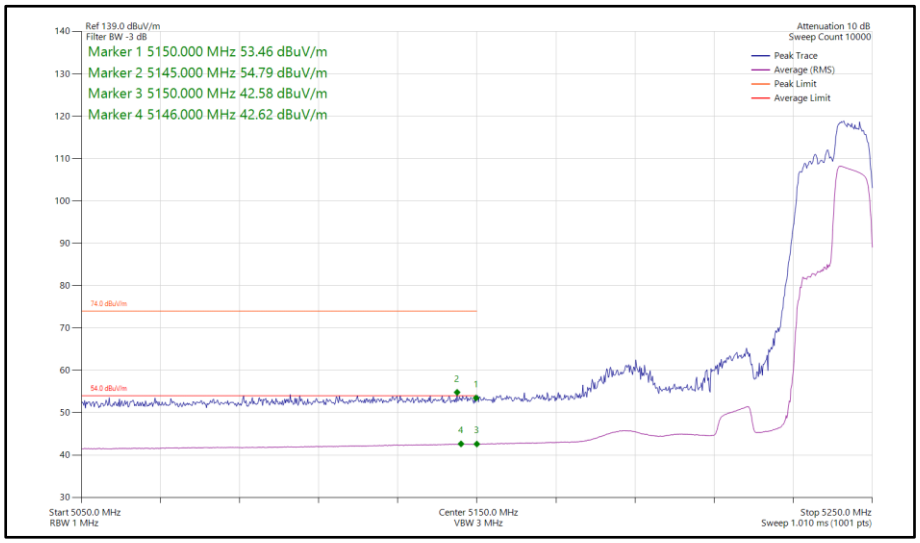

Figure 178 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

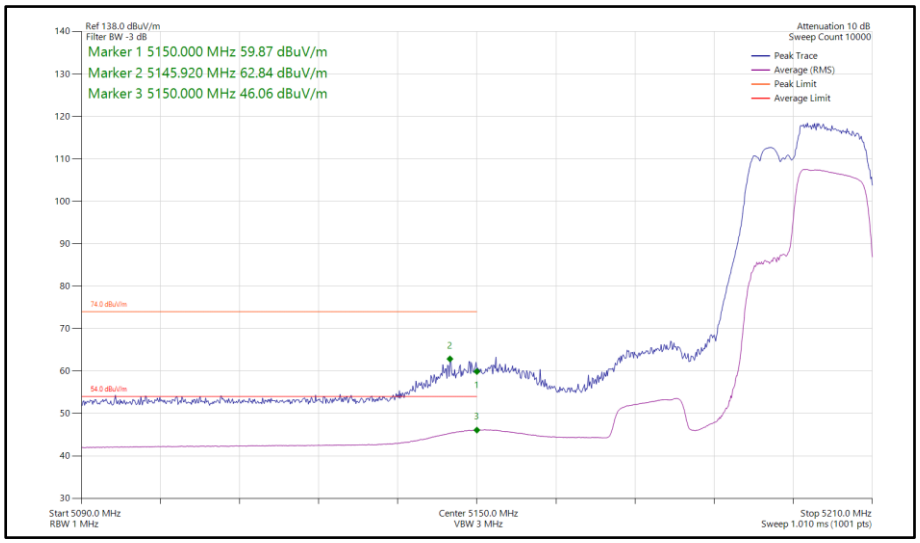

Figure 179 - 802.11be EHT40 RU 106+26-85, SISO, Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

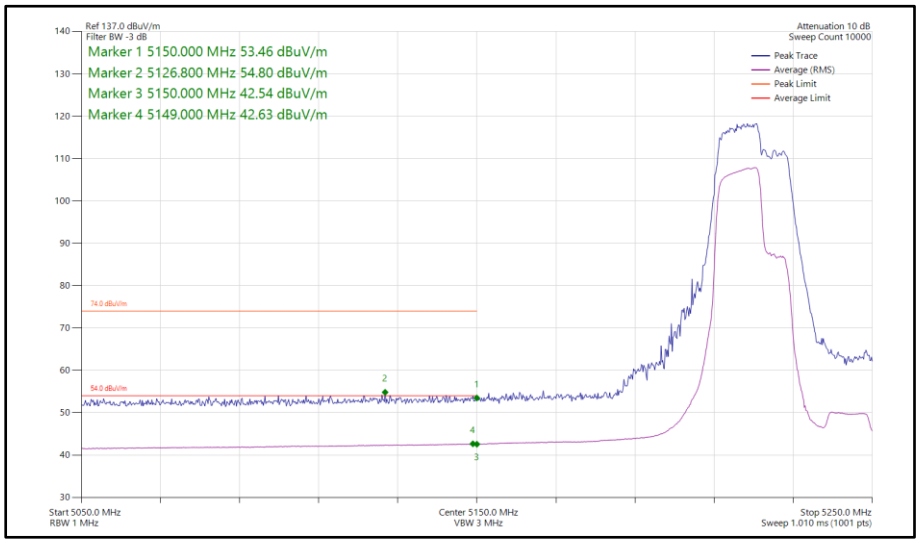

Figure 180 - 802.11be EHT40 RU 106+26-82, SISO, Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

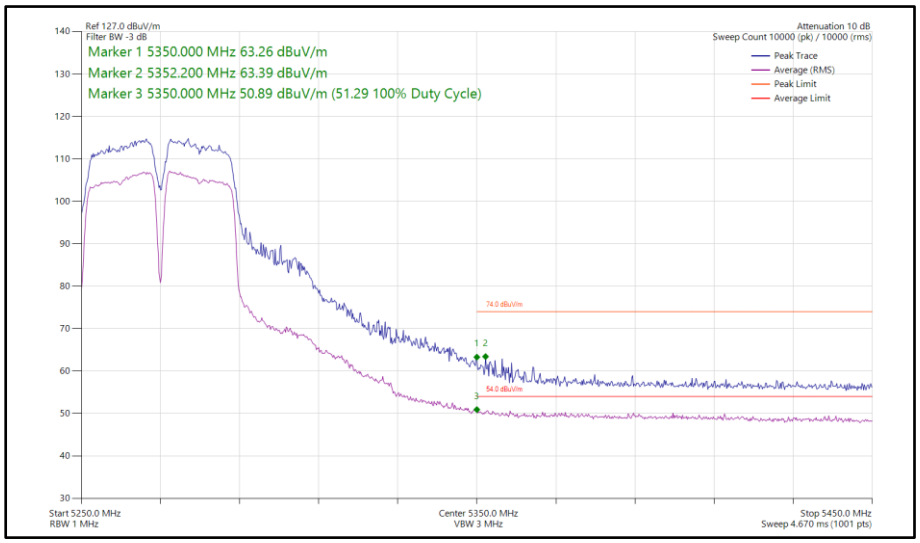

Figure 181 - 802.11a a40, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

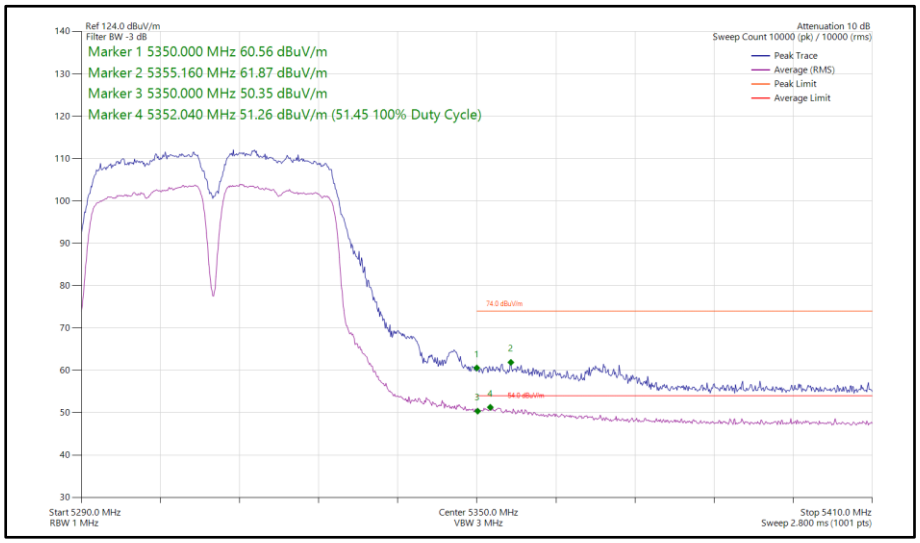

Figure 182 - 802.11a a40, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

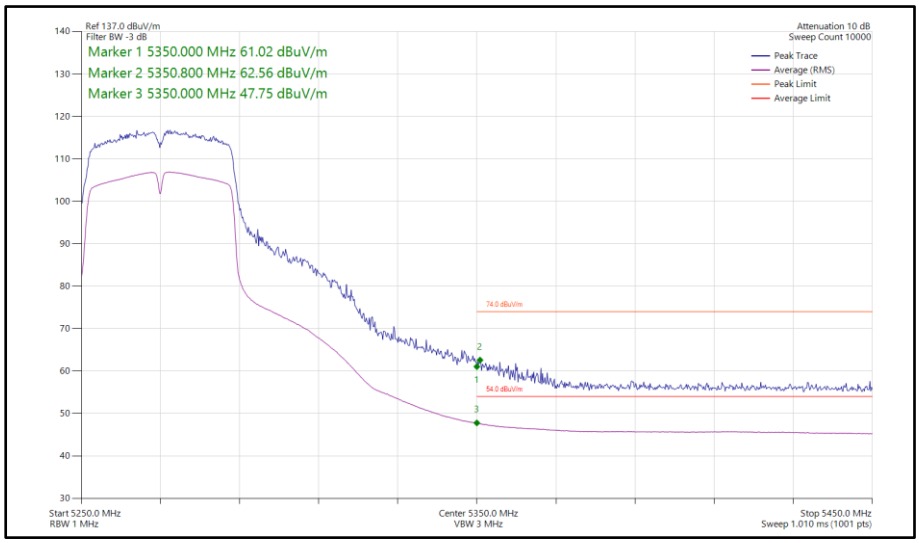

Figure 183 - 802.11n HT40, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

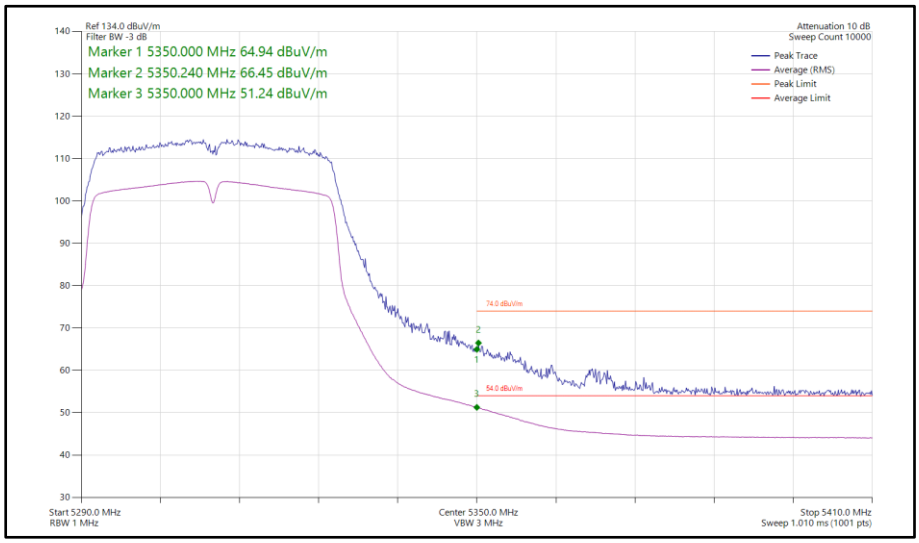

Figure 184 - 802.11n HT40, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

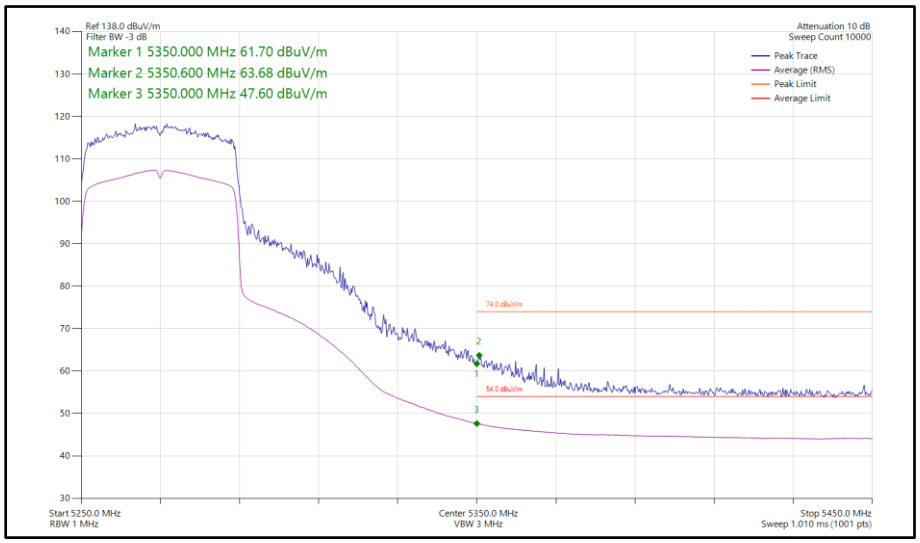

Figure 185 - 802.11ax HE40, SU, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

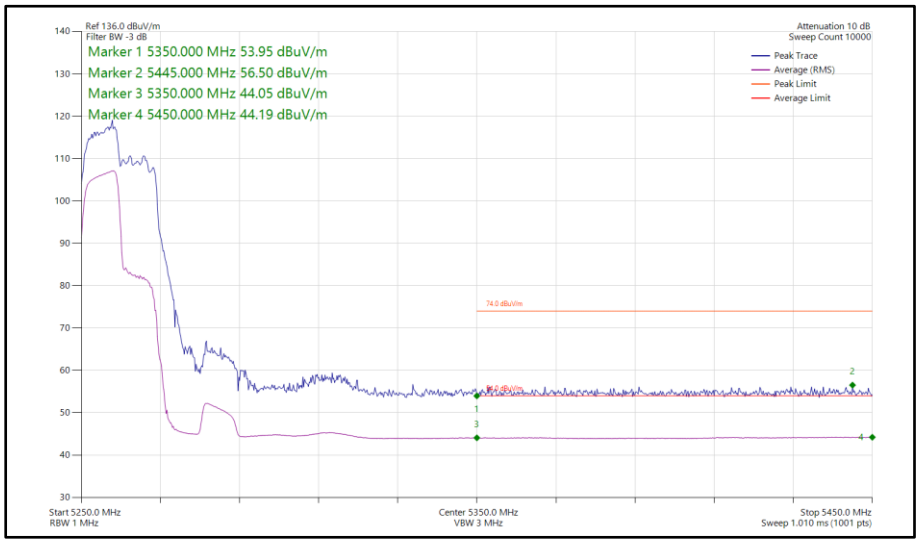

Figure 186 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

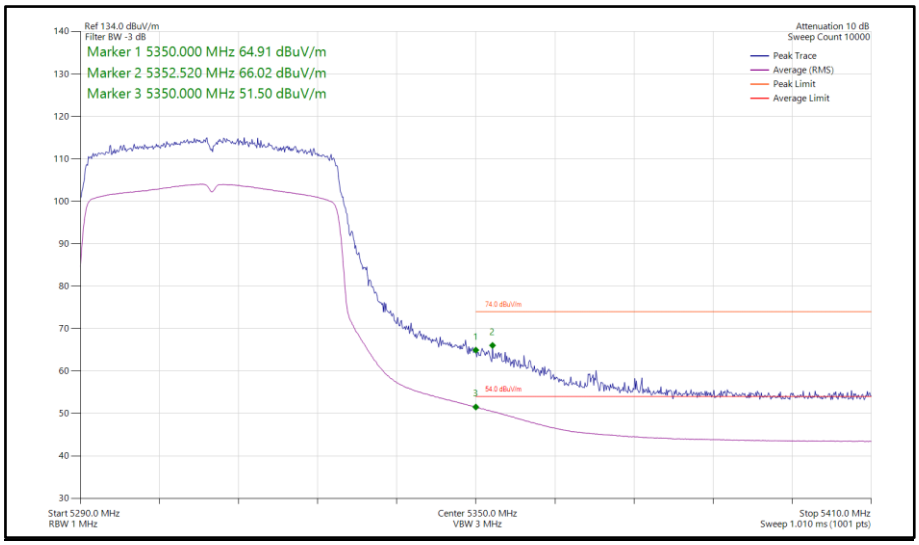

Figure 187 - 802.11ax HE40, SU, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

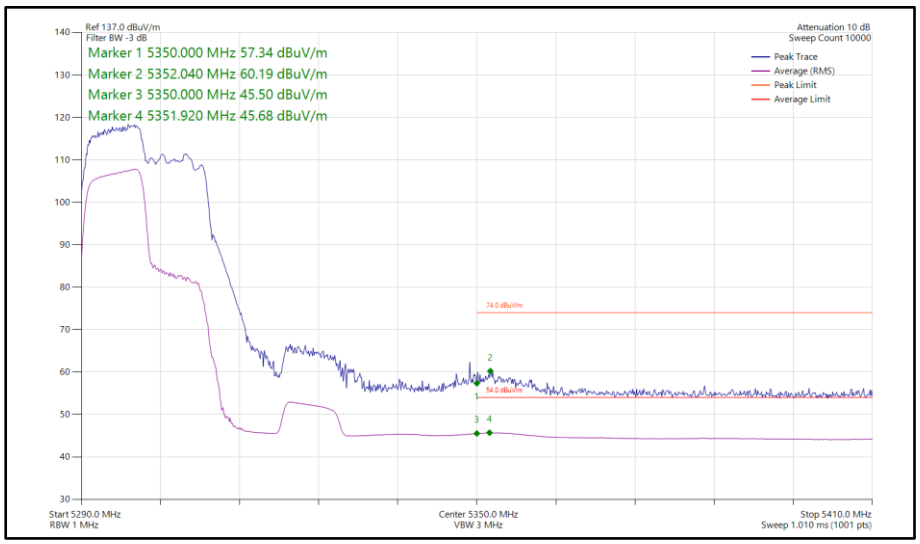

Figure 188 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

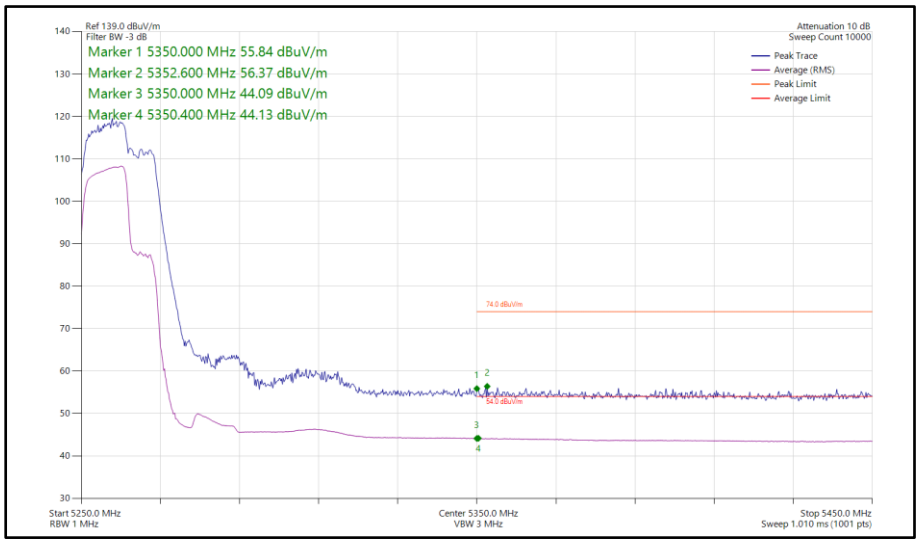

Figure 189 - 802.11be EHT40 RU 106+26-82, SISO, Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

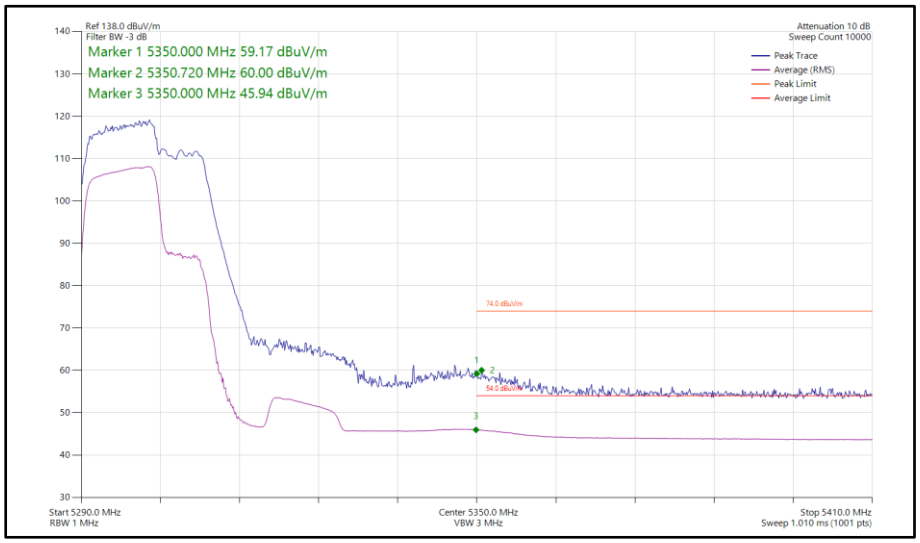

Figure 190 - 802.11be EHT40 RU 106+26-82, SISO, Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

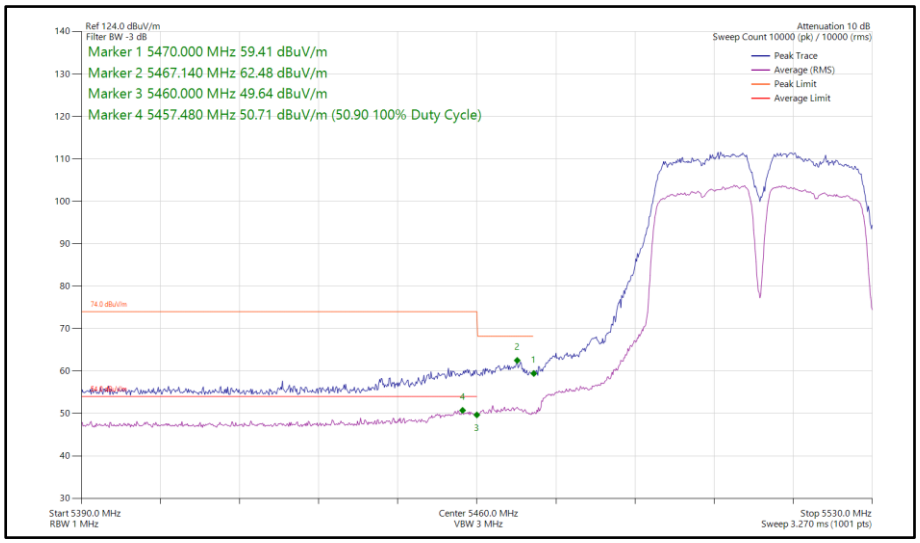

Figure 191 - 802.11a a40, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

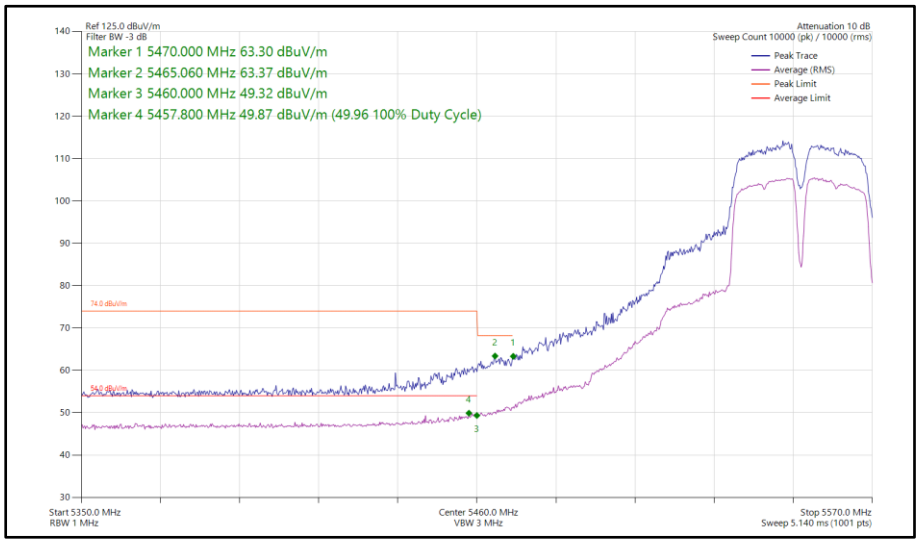

Figure 192 - 802.11a a40, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

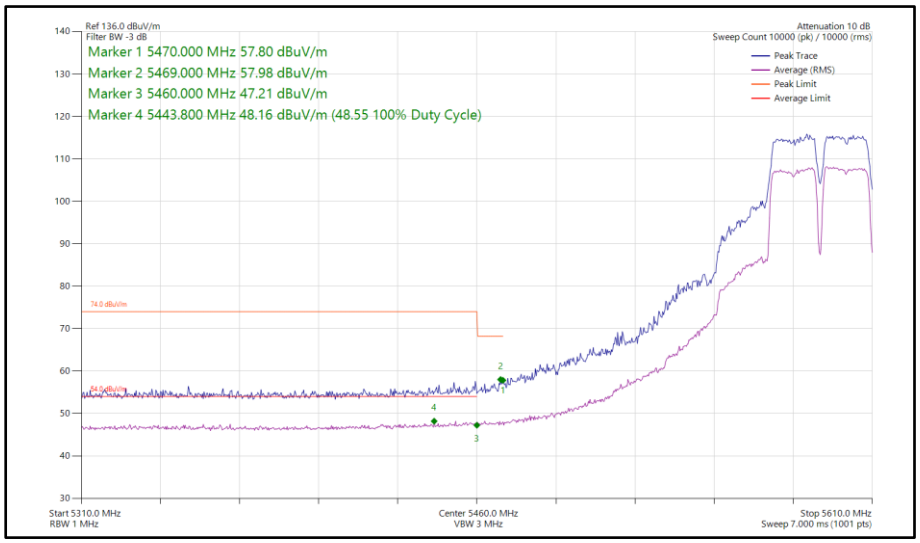

Figure 193 - 802.11a a40, SISO, Core 1 - 5590 MHz
Band Edge Frequency 5460 MHz

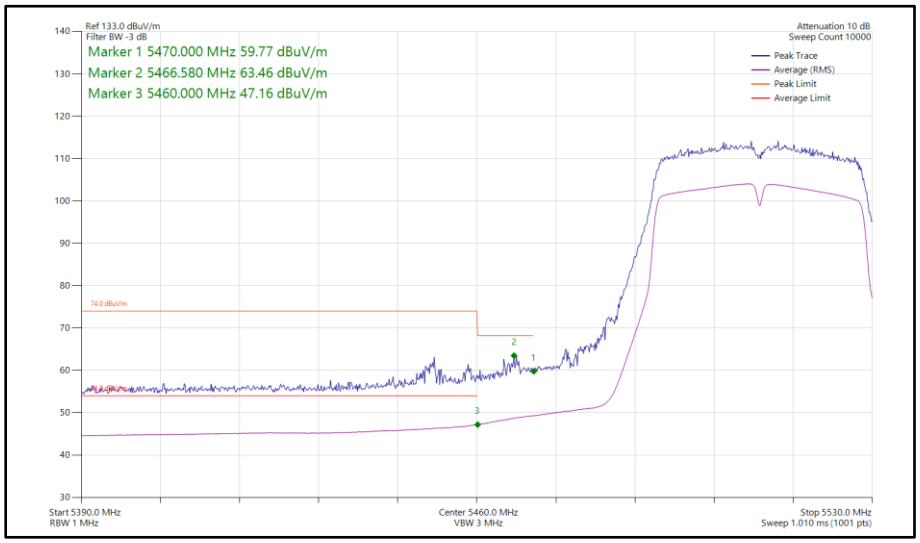

Figure 194 - 802.11n HT40, SISO, Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz

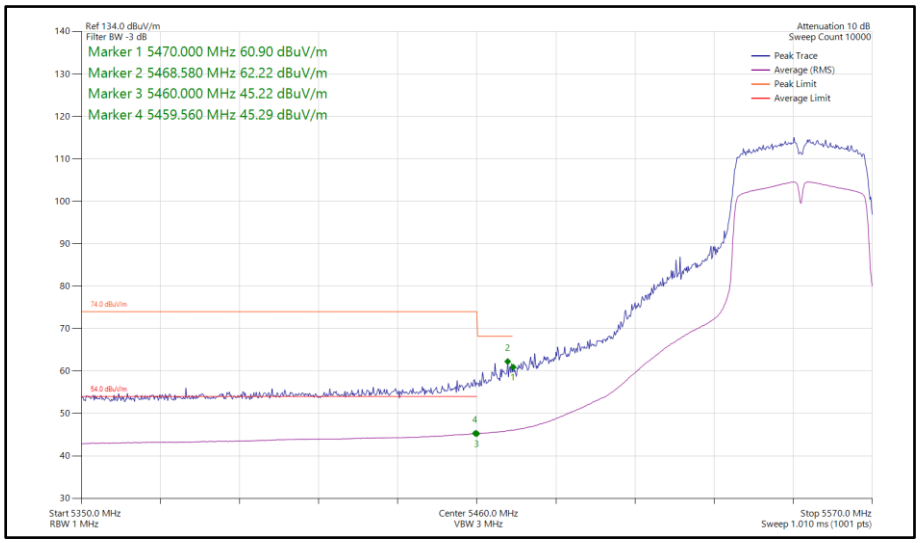

Figure 195 - 802.11n HT40, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

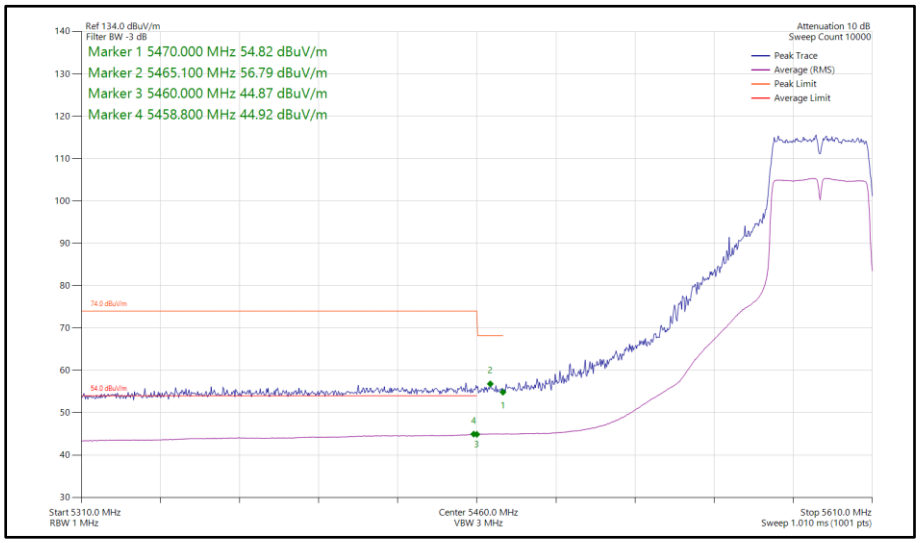

Figure 196 - 802.11n HT40, SISO, Core 1 - 5590 MHz Band Edge Frequency 5460 MHz

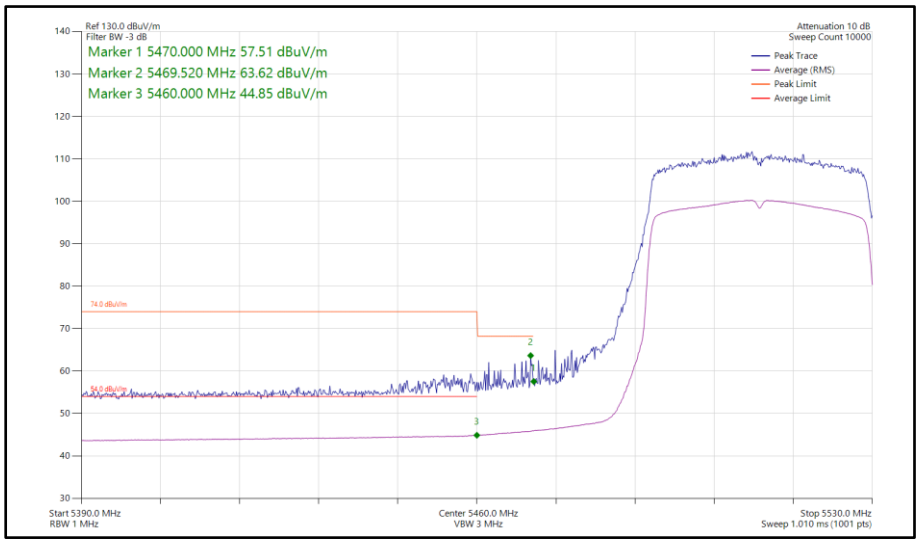

Figure 197 - 802.11ax HE40, SU, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

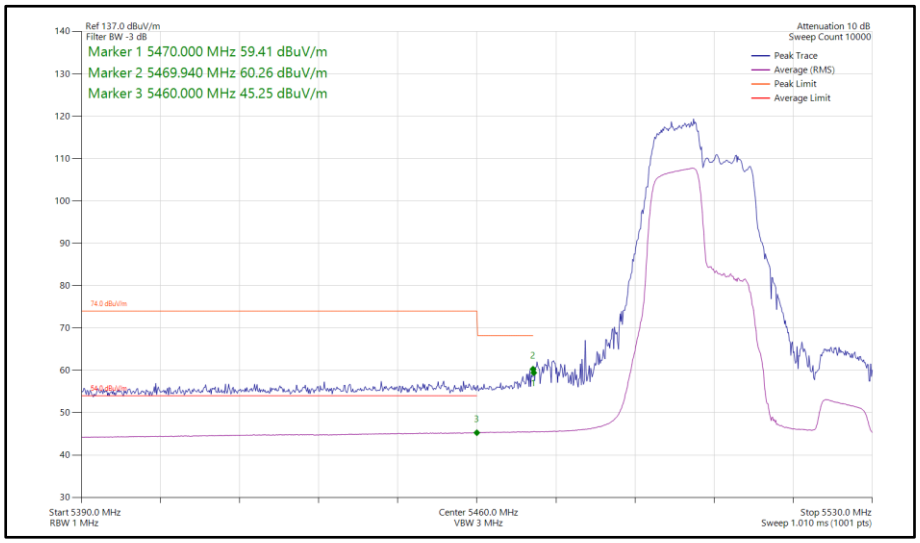

Figure 198 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

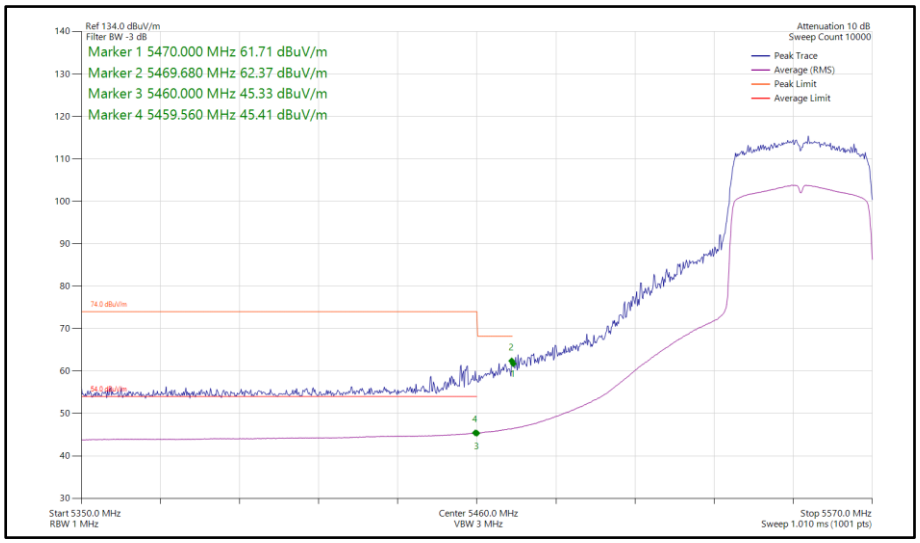

Figure 199 - 802.11ax HE40, SU, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

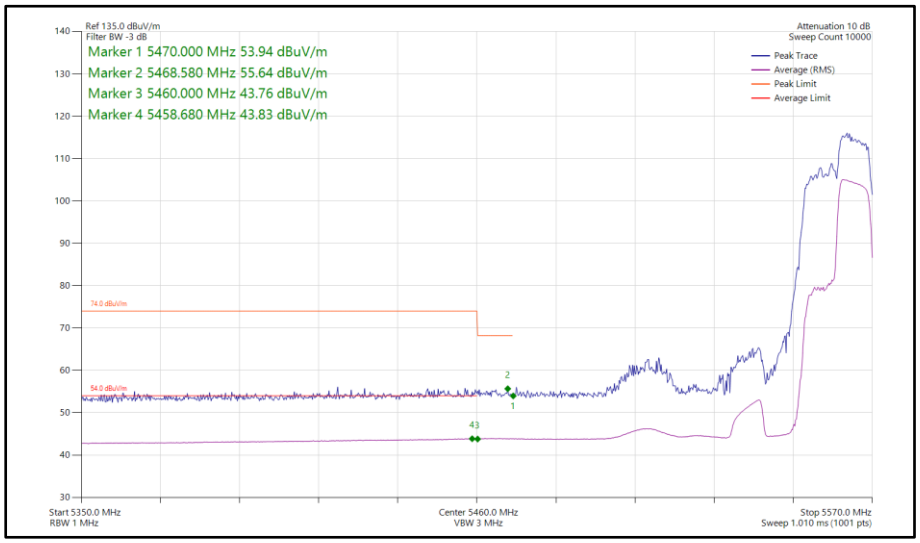

Figure 200 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5550 MHz Band Edge Frequency 5460 MHz