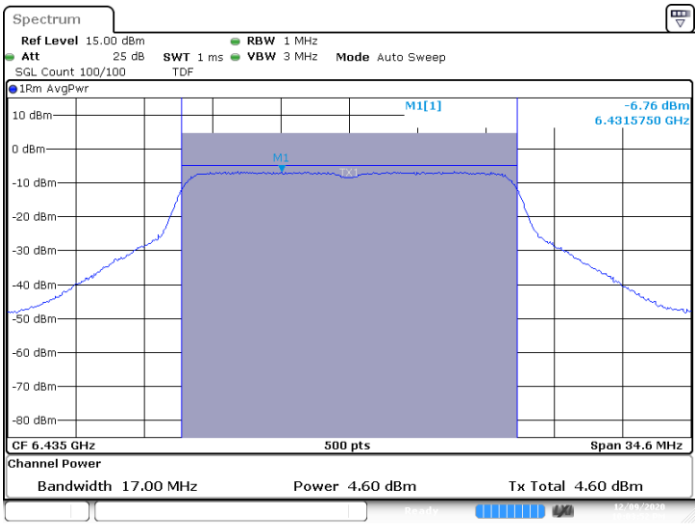
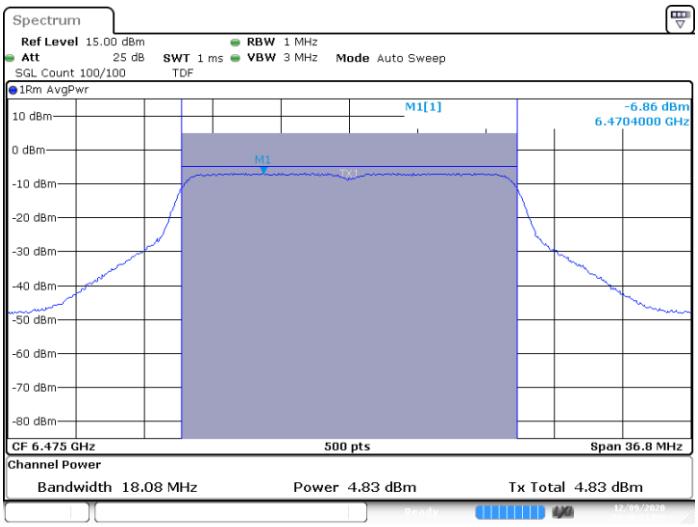
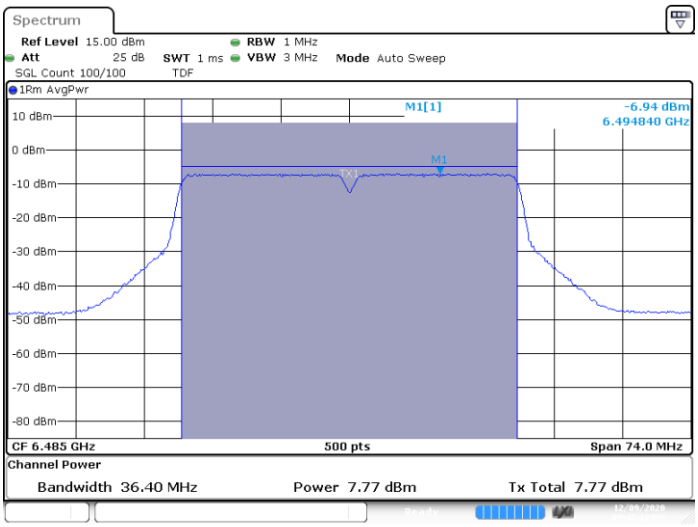
UNII6



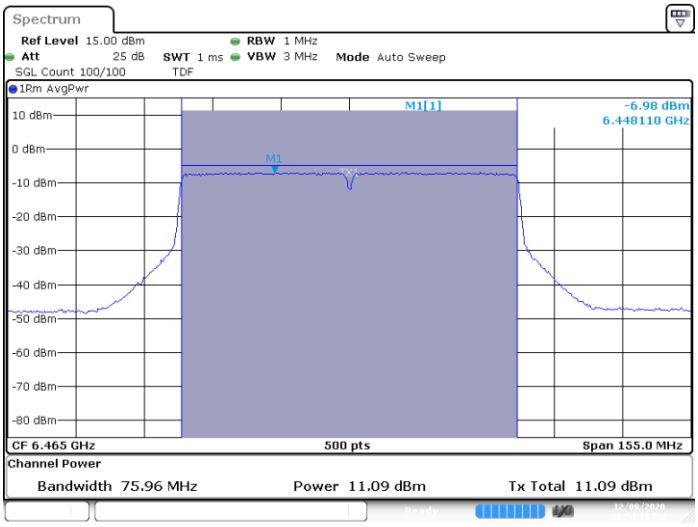
SISO A-802.11a-20MHz-Ch97-6435MHz-6



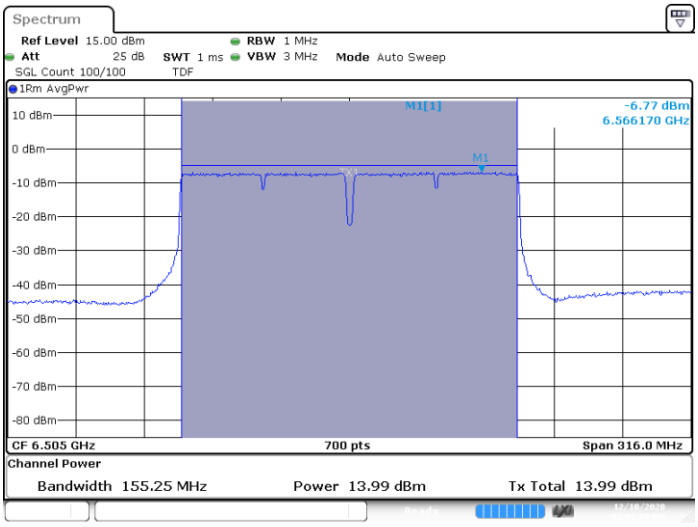
SISO A-802.11n-20MHz-Ch105-6475MHz-HT0



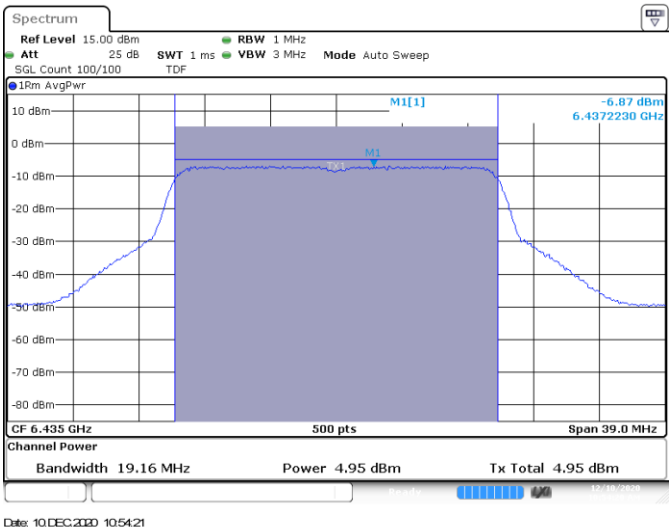
SISO A-802.11n-40MHz-Ch107-6485MHz-HT0



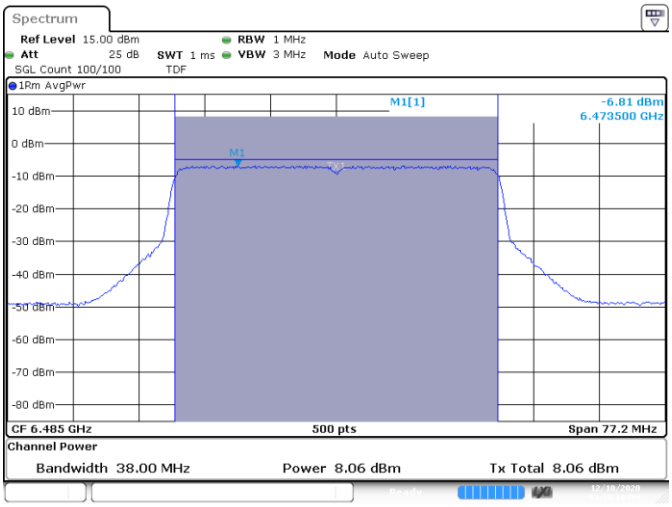
SISO A-802.11ac-80MHz-Ch103-6465MHz-VHT0



SISO A-802.11ac-160MHz-Ch111-6505MHz-VHT0

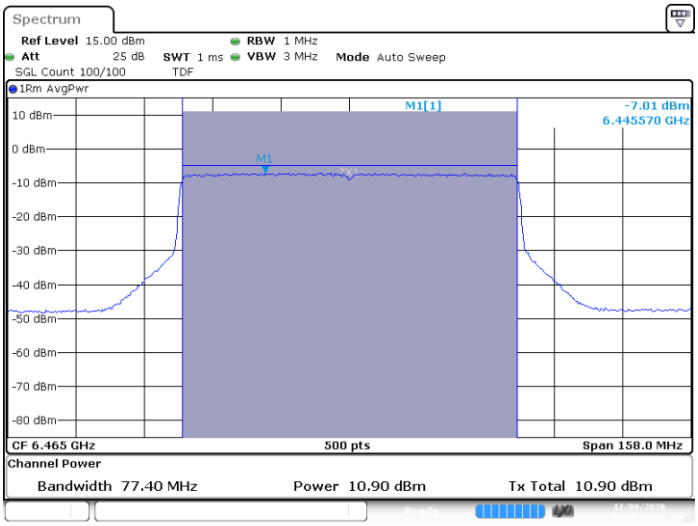


SISO B-802.11ax-20MHz-Ch97-6435MHz-HE0

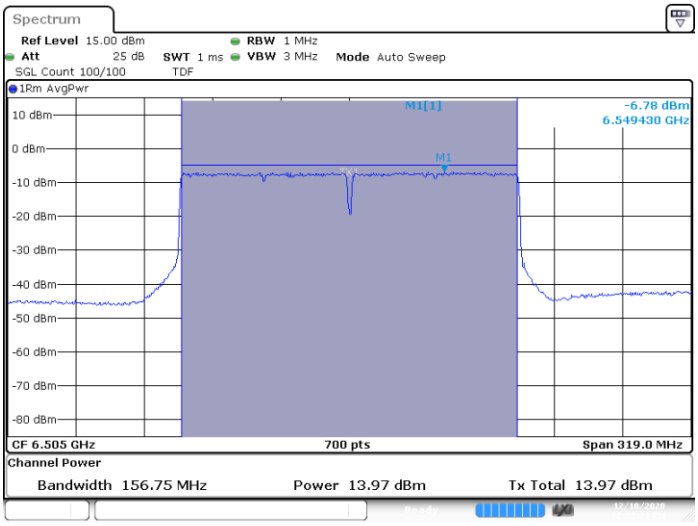


Date: 10.DEC.2020 15:24:18

SISO B-802.11ax-40MHz-Ch107-6485MHz-HE0

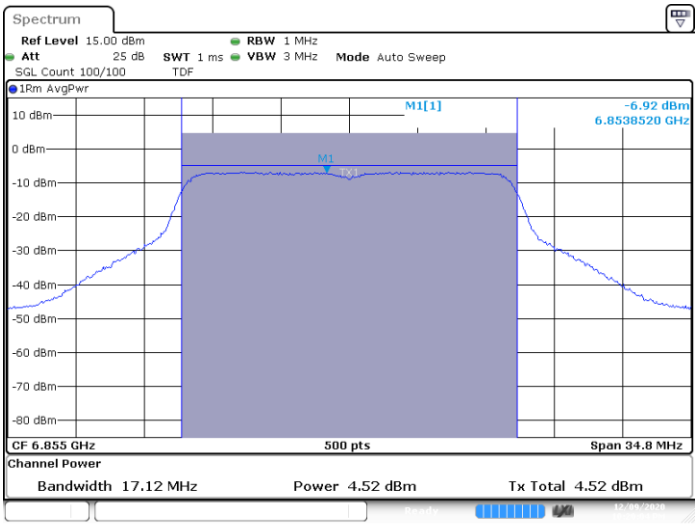


SISO A-802.11ax-80MHz-Ch103-6465MHz-HE0

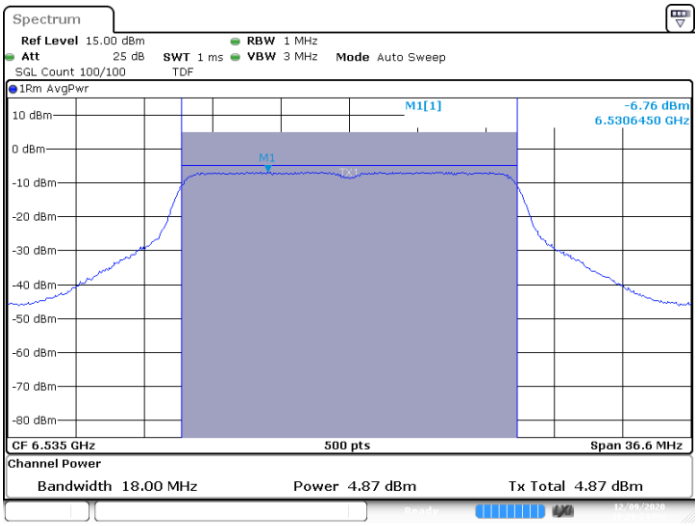


SISO A-802.11ax-160MHz-Ch111-6505MHz-HE0

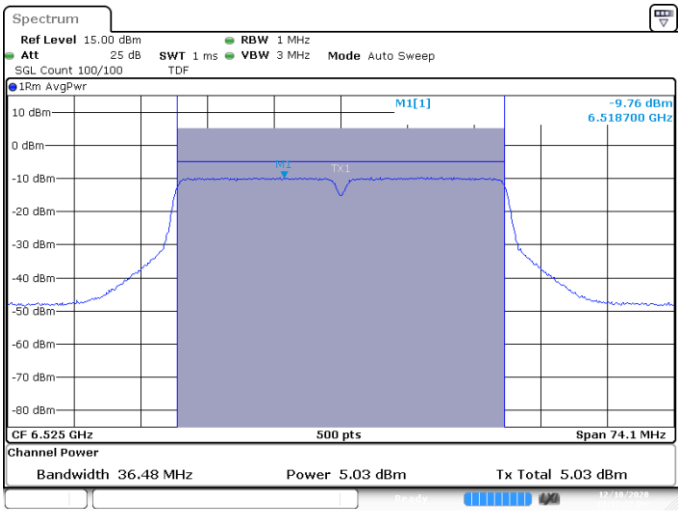
UNII7



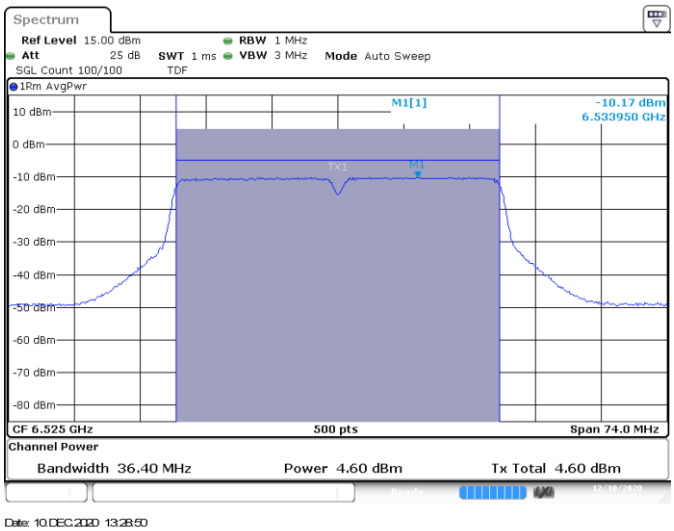
SISO A-802.11a-20MHz-Ch181-6855MHz-6



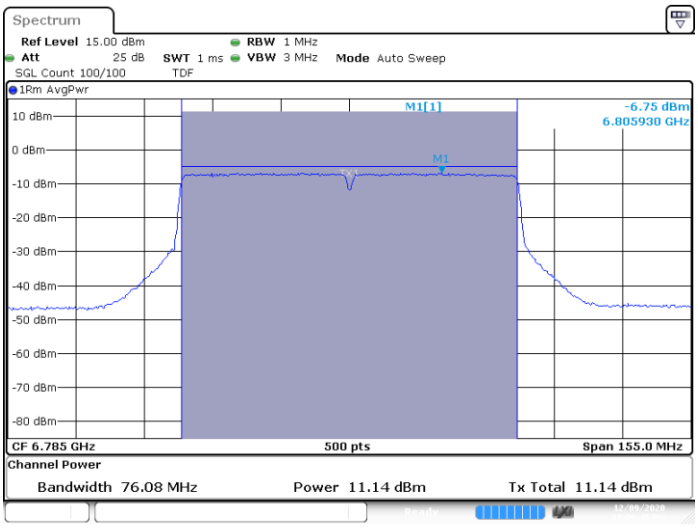
SISO A-802.11n-20MHz-Ch117-6535MHz-HT0



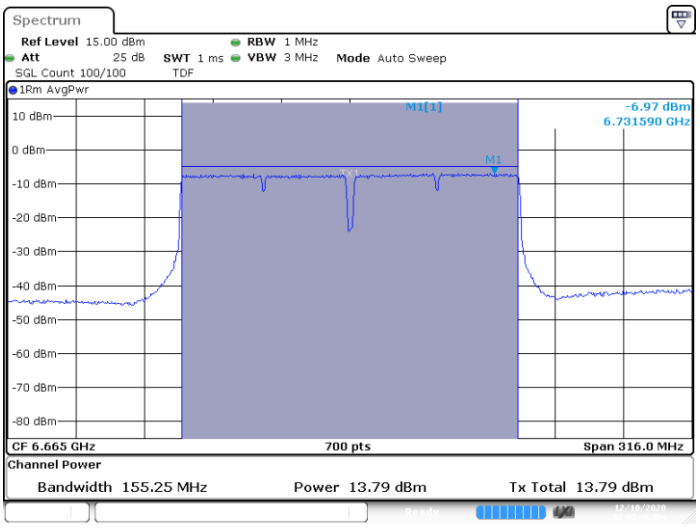
MIMO A-802.11n-40MHz-Ch115-6525MHz-HT8



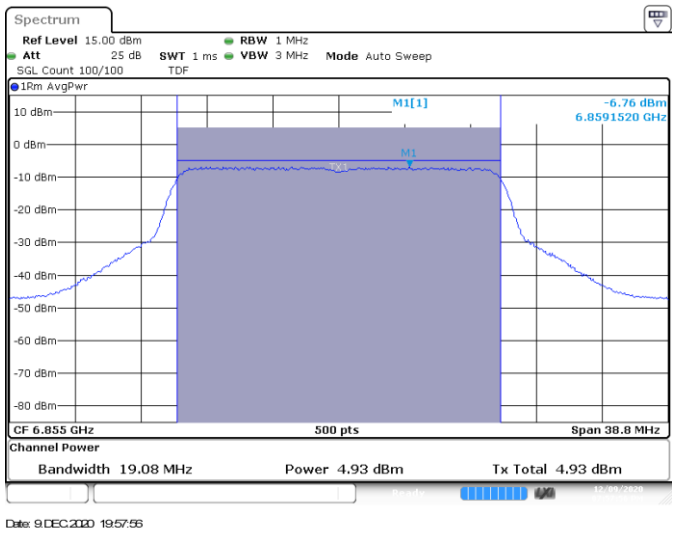
MIMO B-802.11n-40MHz-Ch115-6525MHz-HT8



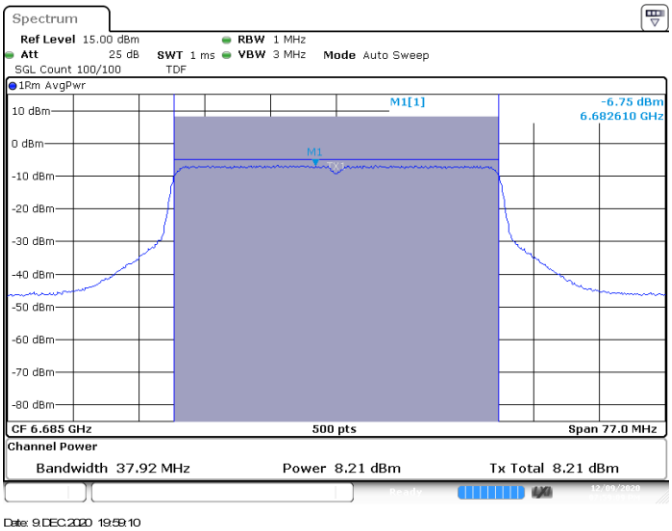
SISO A-802.11ac-80MHz-Ch167-6785MHz-VHT0



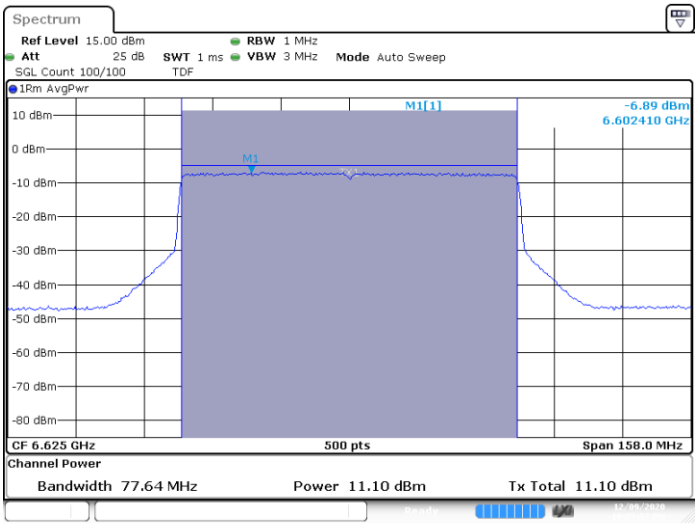
SISO A-802.11ac-160MHz-Ch143-6665MHz-VHT0



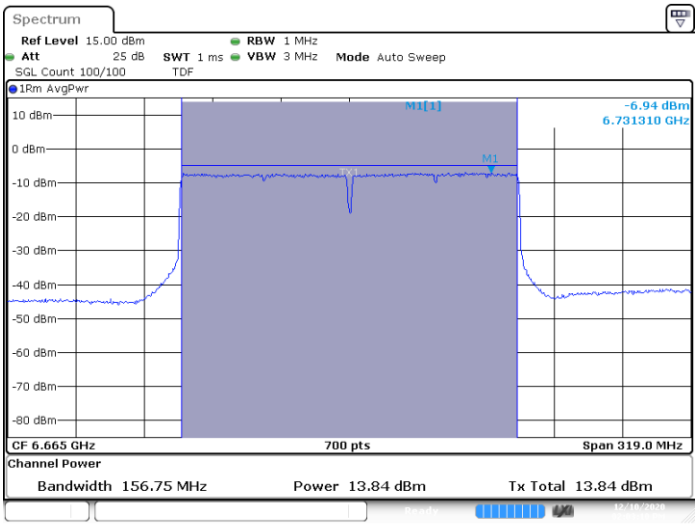
SISO B-802.11ax-20MHz-Ch181-6855MHz-HE0



SISO B-802.11ax-40MHz-Ch147-6685MHz-HE0

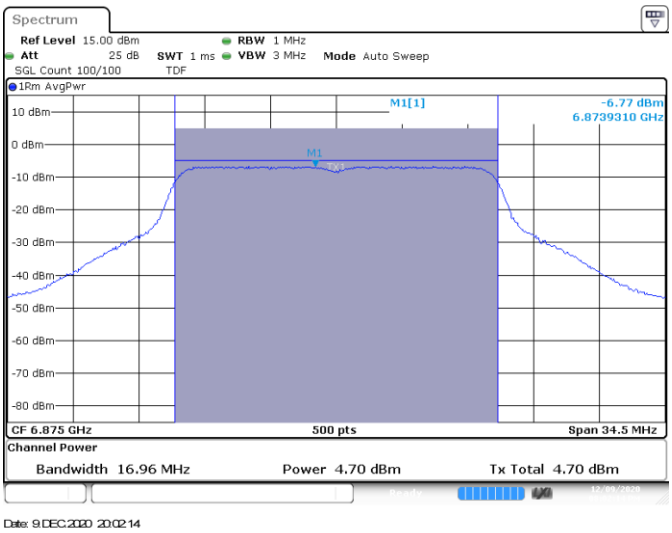


SISO A-802.11ax-80MHz-Ch135-6625MHz-HE0

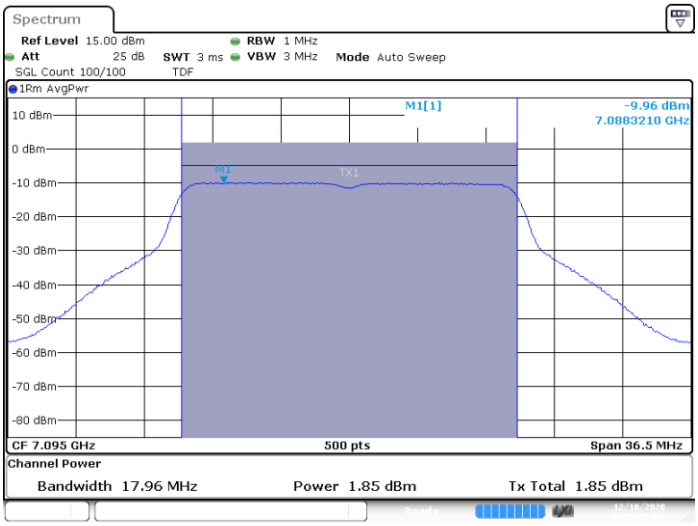


SISO A-802.11ax-160MHz-Ch143-6665MHz-HE0

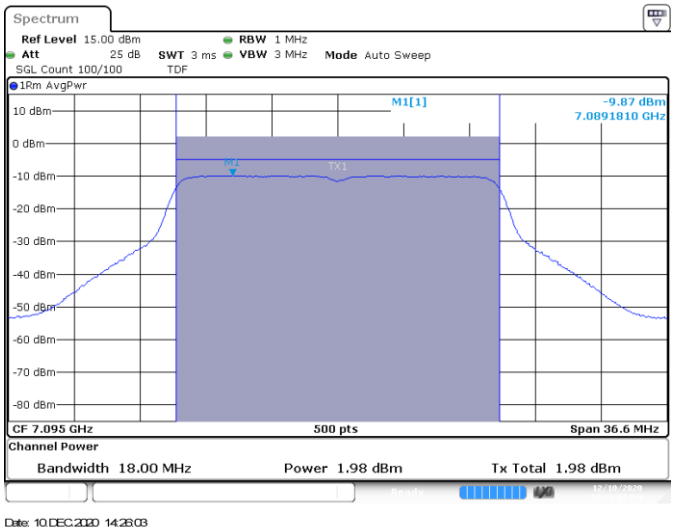
UNII8



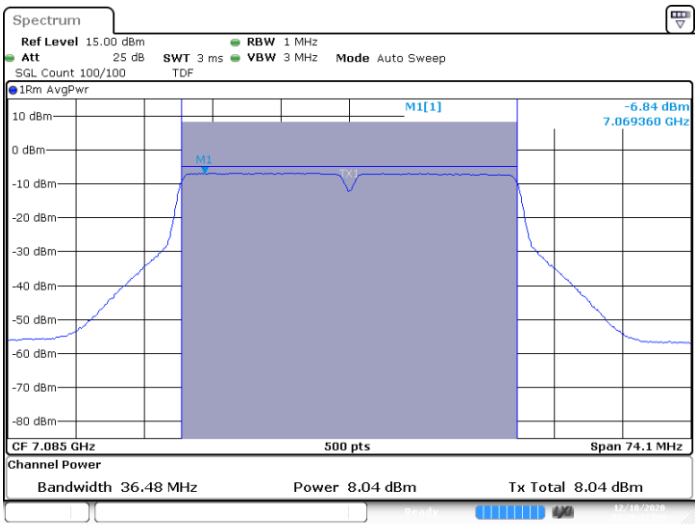
SISO B-802.11a-20MHz-Ch185-6875MHz-6



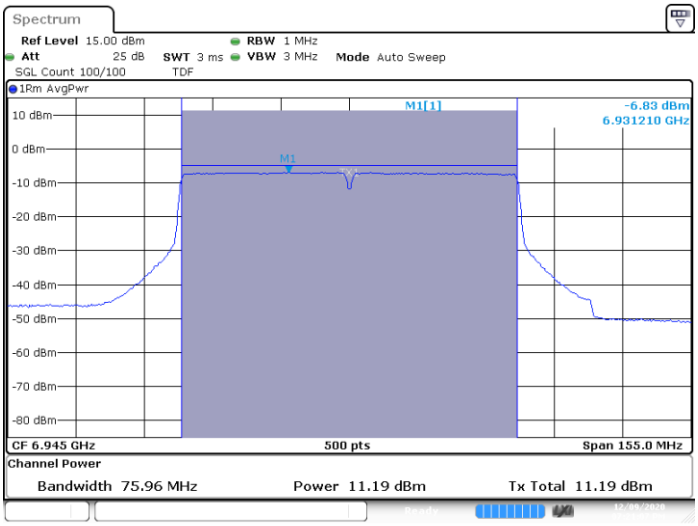
MIMO A-802.11n-20MHz-Ch229-7095MHz-HT8



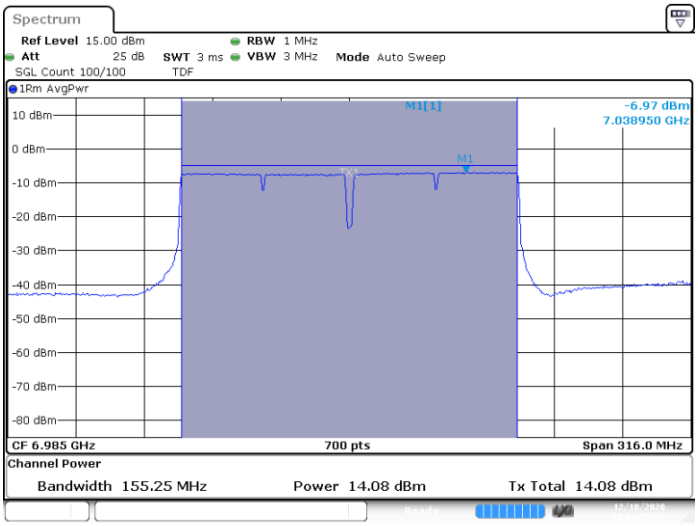
MIMO B-802.11n-20MHz-Ch229-7095MHz-HT8



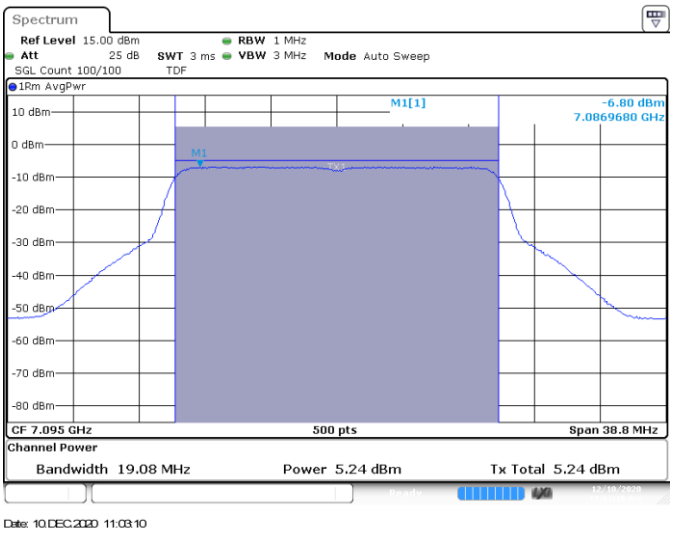
SISO A-802.11n-40MHz-Ch227-7085MHz-HT0



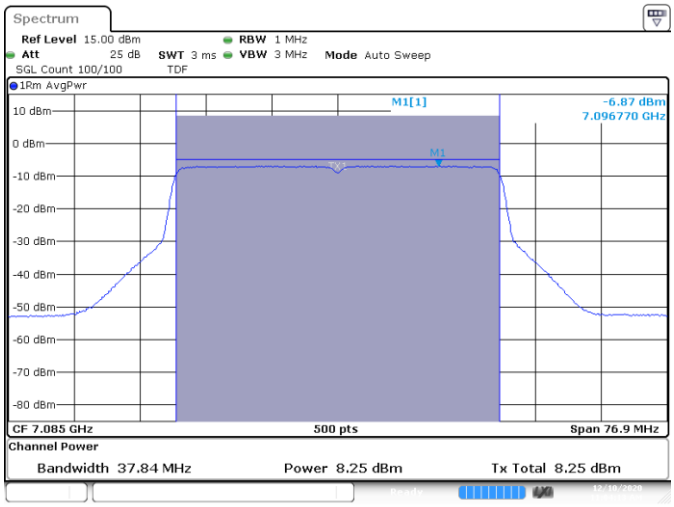
SISO A-802.11ac-80MHz-Ch199-6945MHz-VHT0



SISO A-802.11ac-160MHz-Ch207-6985MHz-VHT0

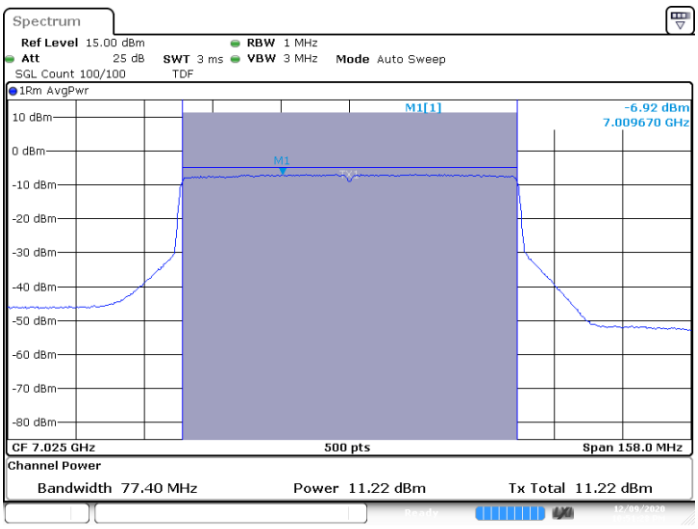


SISO B-802.11ax-20MHz-Ch229-7095MHz-HE0

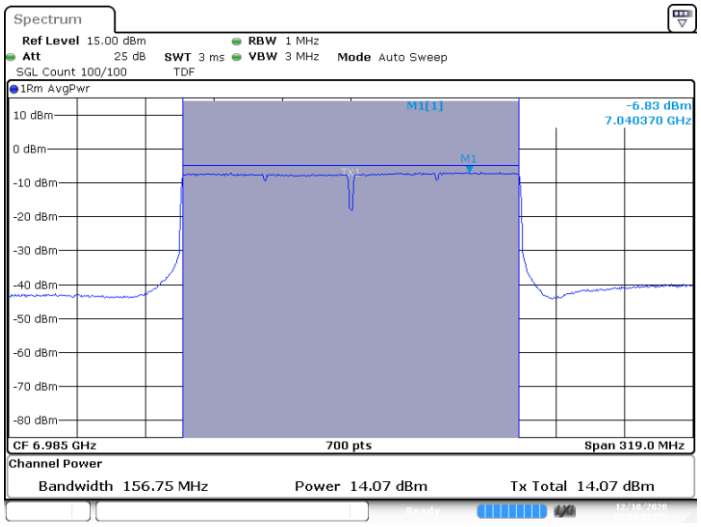


Date: 10.DEC.2020 11:04:13

SISO B-802.11ax-40MHz-Ch227-7085MHz-HE0



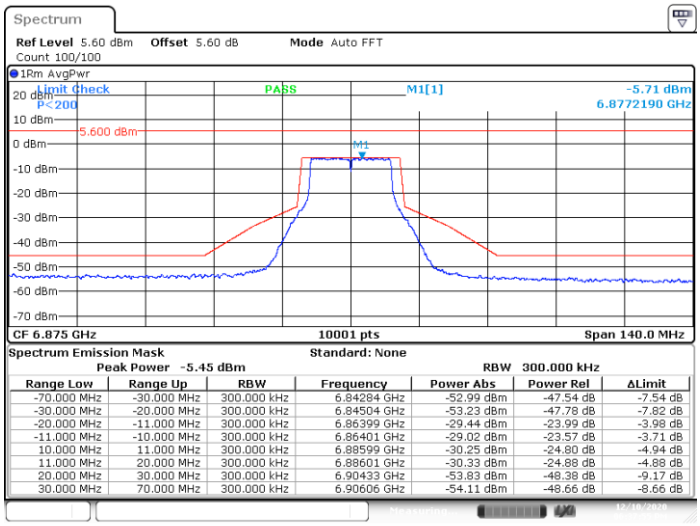
SISO A-802.11ax-80MHz-Ch215-6945MHz-HE0



SISO A-802.11ax-160MHz-Ch207-6985MHz-HE0

C.1.3 In-Band Emissions (Mask)

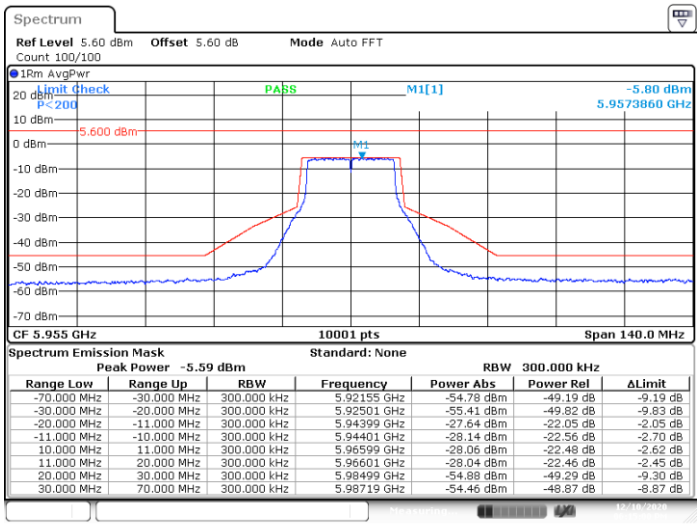
SISO-B, 802.11a, 6Mbps



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-70.000 MHz	-30.000 MHz	300.000 kHz	6.84284 GHz	-52.99 dBm	-47.54 dB	-7.54 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.84504 GHz	-53.23 dBm	-47.78 dB	-7.82 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.86399 GHz	-29.44 dBm	-23.99 dB	-3.98 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.86401 GHz	-29.02 dBm	-23.57 dB	-3.71 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.88599 GHz	-30.25 dBm	-24.80 dB	-4.94 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.88601 GHz	-30.33 dBm	-24.88 dB	-4.88 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.90433 GHz	-53.83 dBm	-48.38 dB	-9.17 dB
30.000 MHz	70.000 MHz	300.000 kHz	6.90606 GHz	-54.11 dBm	-48.66 dB	-8.66 dB

Channel 185

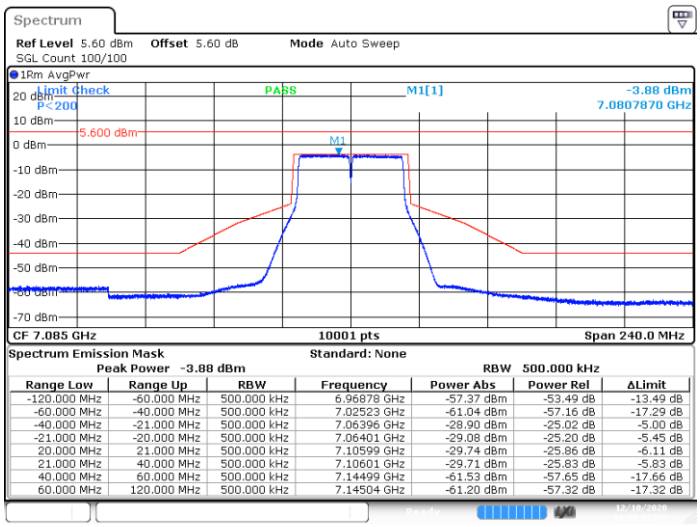
SISO-A, 802.11n20, HT0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-70.000 MHz	-30.000 MHz	300.000 kHz	5.92155 GHz	-54.78 dBm	-49.19 dB	-9.19 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	5.92501 GHz	-55.41 dBm	-49.82 dB	-9.83 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	5.94399 GHz	-27.64 dBm	-22.05 dB	-2.05 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	5.94401 GHz	-28.14 dBm	-22.56 dB	-2.70 dB
10.000 MHz	11.000 MHz	300.000 kHz	5.96599 GHz	-28.06 dBm	-22.48 dB	-2.62 dB
11.000 MHz	20.000 MHz	300.000 kHz	5.96601 GHz	-28.04 dBm	-22.46 dB	-2.45 dB
20.000 MHz	30.000 MHz	300.000 kHz	5.98499 GHz	-54.88 dBm	-49.29 dB	-9.30 dB
30.000 MHz	70.000 MHz	300.000 kHz	5.98719 GHz	-54.46 dBm	-48.87 dB	-8.87 dB

Channel 1

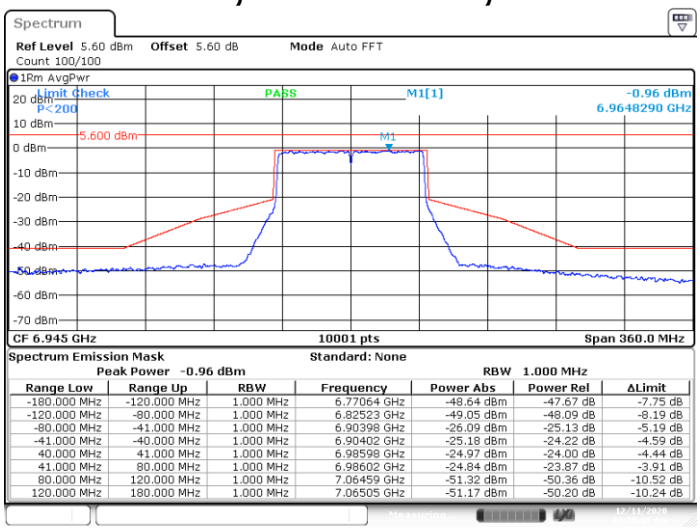
SISO-A, 802.11n40, HT0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-120.000 MHz	-60.000 MHz	500.000 kHz	6.96878 GHz	-57.37 dBm	-53.49 dB	-13.49 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	7.02523 GHz	-61.04 dBm	-57.16 dB	-17.29 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	7.06396 GHz	-28.90 dBm	-25.02 dB	-5.00 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	7.06401 GHz	-29.08 dBm	-25.20 dB	-5.45 dB
20.000 MHz	21.000 MHz	500.000 kHz	7.10599 GHz	-29.74 dBm	-25.86 dB	-6.11 dB
21.000 MHz	40.000 MHz	500.000 kHz	7.10601 GHz	-29.71 dBm	-25.83 dB	-5.83 dB
40.000 MHz	60.000 MHz	500.000 kHz	7.14499 GHz	-61.53 dBm	-57.65 dB	-17.66 dB
60.000 MHz	120.000 MHz	500.000 kHz	7.14504 GHz	-61.20 dBm	-57.32 dB	-17.32 dB

Channel 227

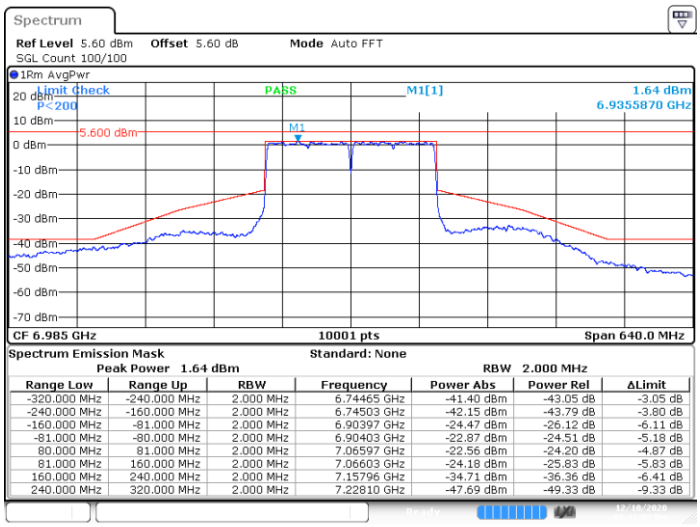
SISO-A, 802.11ac80, VHT0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-180.000 MHz	-120.000 MHz	1.000 MHz	6.77064 GHz	-48.64 dBm	-47.67 dB	-7.75 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.82523 GHz	-49.05 dBm	-48.09 dB	-8.19 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.90398 GHz	-26.09 dBm	-25.13 dB	-5.19 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.90402 GHz	-25.18 dBm	-24.22 dB	-4.59 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.98598 GHz	-24.97 dBm	-24.00 dB	-4.44 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.98602 GHz	-24.84 dBm	-23.87 dB	-3.91 dB
80.000 MHz	120.000 MHz	1.000 MHz	7.06459 GHz	-51.32 dBm	-50.36 dB	-10.52 dB
120.000 MHz	180.000 MHz	1.000 MHz	7.06505 GHz	-51.17 dBm	-50.20 dB	-10.24 dB

Channel 199

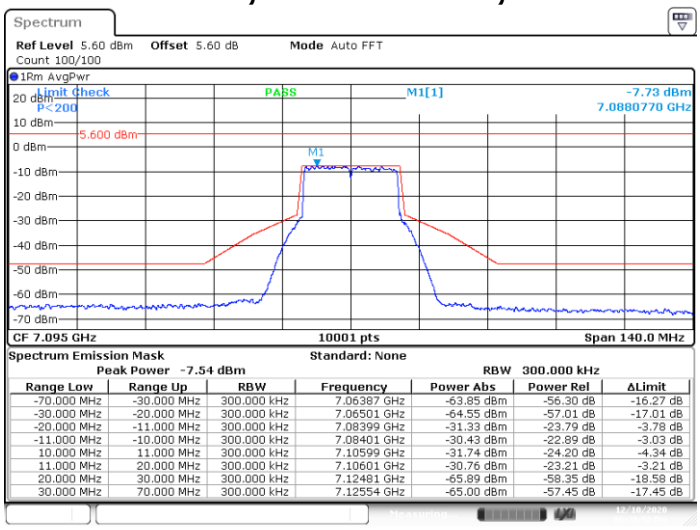
SISO-A, 802.11ac160, VHT0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-320.000 MHz	-240.000 MHz	2.000 MHz	6.74465 GHz	-41.40 dBm	-43.05 dB	-3.05 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.74503 GHz	-42.15 dBm	-43.79 dB	-3.80 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.90397 GHz	-24.47 dBm	-26.12 dB	-6.11 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.90403 GHz	-22.87 dBm	-24.51 dB	-5.18 dB
80.000 MHz	81.000 MHz	2.000 MHz	7.06597 GHz	-22.56 dBm	-24.20 dB	-4.87 dB
81.000 MHz	160.000 MHz	2.000 MHz	7.06603 GHz	-24.18 dBm	-25.83 dB	-5.83 dB
160.000 MHz	240.000 MHz	2.000 MHz	7.15796 GHz	-34.71 dBm	-36.36 dB	-6.41 dB
240.000 MHz	320.000 MHz	2.000 MHz	7.22810 GHz	-47.69 dBm	-49.33 dB	-9.33 dB

Channel 207

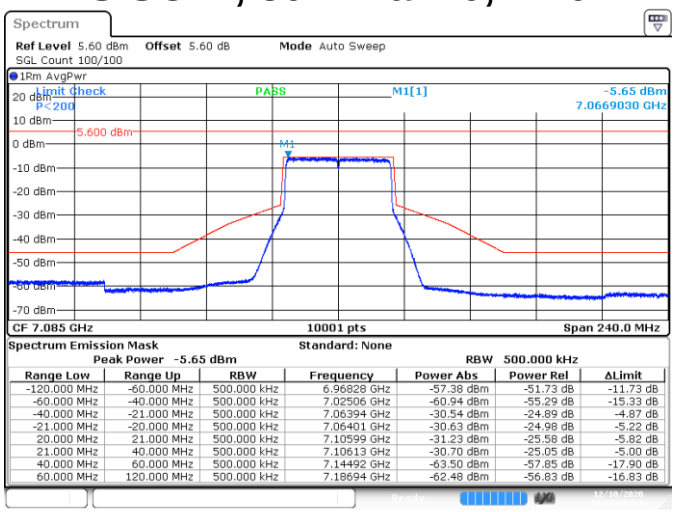
SISO-B, 802.11ax20, HE0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-70.000 MHz	-30.000 MHz	300.000 kHz	7.06387 GHz	-63.85 dBm	-56.30 dB	-16.27 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.06501 GHz	-64.55 dBm	-57.01 dB	-17.01 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.08399 GHz	-31.33 dBm	-23.79 dB	-3.78 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.08401 GHz	-30.43 dBm	-22.89 dB	-3.03 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.10599 GHz	-31.74 dBm	-24.20 dB	-4.34 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.10601 GHz	-30.76 dBm	-23.21 dB	-3.21 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.12481 GHz	-65.89 dBm	-58.35 dB	-18.58 dB
30.000 MHz	70.000 MHz	300.000 kHz	7.12554 GHz	-65.00 dBm	-57.45 dB	-17.45 dB

Channel 229

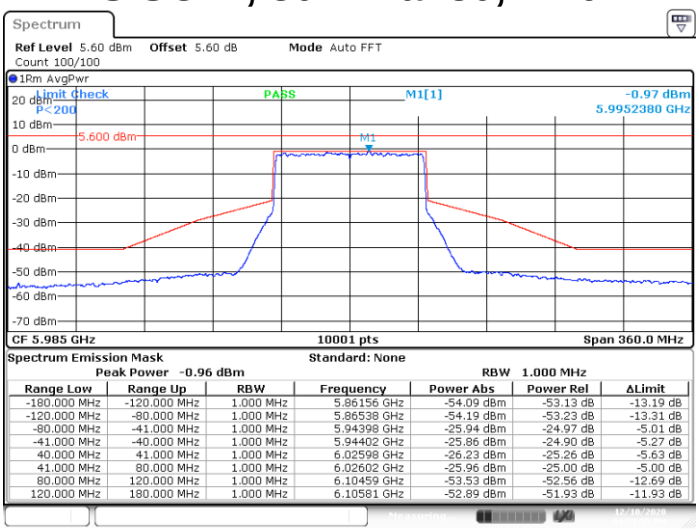
SISO-B, 802.11ax40, HE0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-120.000 MHz	-60.000 MHz	500.000 kHz	6.96828 GHz	-57.38 dBm	-51.73 dB	-11.73 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	7.02506 GHz	-60.94 dBm	-55.29 dB	-15.33 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	7.06394 GHz	-30.54 dBm	-24.89 dB	-4.87 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	7.06401 GHz	-30.63 dBm	-24.98 dB	-5.22 dB
20.000 MHz	21.000 MHz	500.000 kHz	7.10599 GHz	-31.23 dBm	-25.58 dB	-5.82 dB
21.000 MHz	40.000 MHz	500.000 kHz	7.10613 GHz	-30.70 dBm	-25.05 dB	-5.00 dB
40.000 MHz	60.000 MHz	500.000 kHz	7.14492 GHz	-63.50 dBm	-57.85 dB	-17.90 dB
60.000 MHz	120.000 MHz	500.000 kHz	7.18694 GHz	-62.48 dBm	-56.83 dB	-16.83 dB

Channel 227

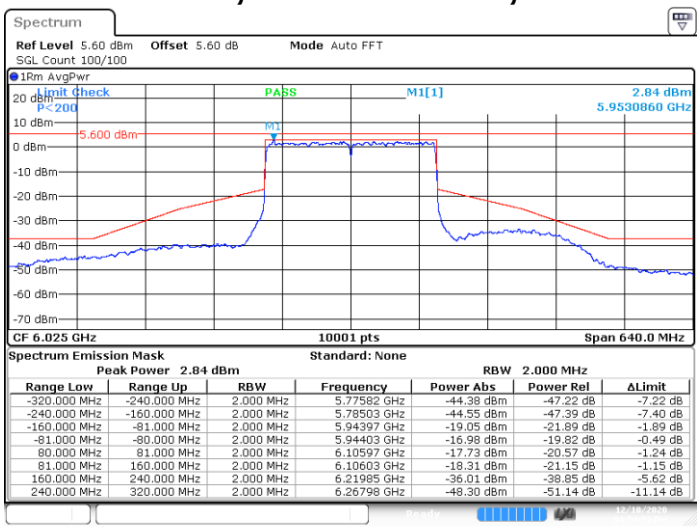
SISO-A, 802.11ax80, HE0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-180.000 MHz	-120.000 MHz	1.000 MHz	5.86156 GHz	-54.09 dBm	-53.13 dB	-13.19 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	5.86538 GHz	-54.19 dBm	-53.23 dB	-13.31 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	5.94398 GHz	-25.94 dBm	-24.97 dB	-5.01 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	5.94402 GHz	-25.86 dBm	-24.90 dB	-5.27 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.02598 GHz	-26.23 dBm	-25.26 dB	-5.63 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.02602 GHz	-25.96 dBm	-25.00 dB	-5.00 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.10459 GHz	-53.53 dBm	-52.56 dB	-12.69 dB
120.000 MHz	180.000 MHz	1.000 MHz	6.10581 GHz	-52.89 dBm	-51.93 dB	-11.93 dB

Channel 7

SISO-A, 802.11ax160, HE0



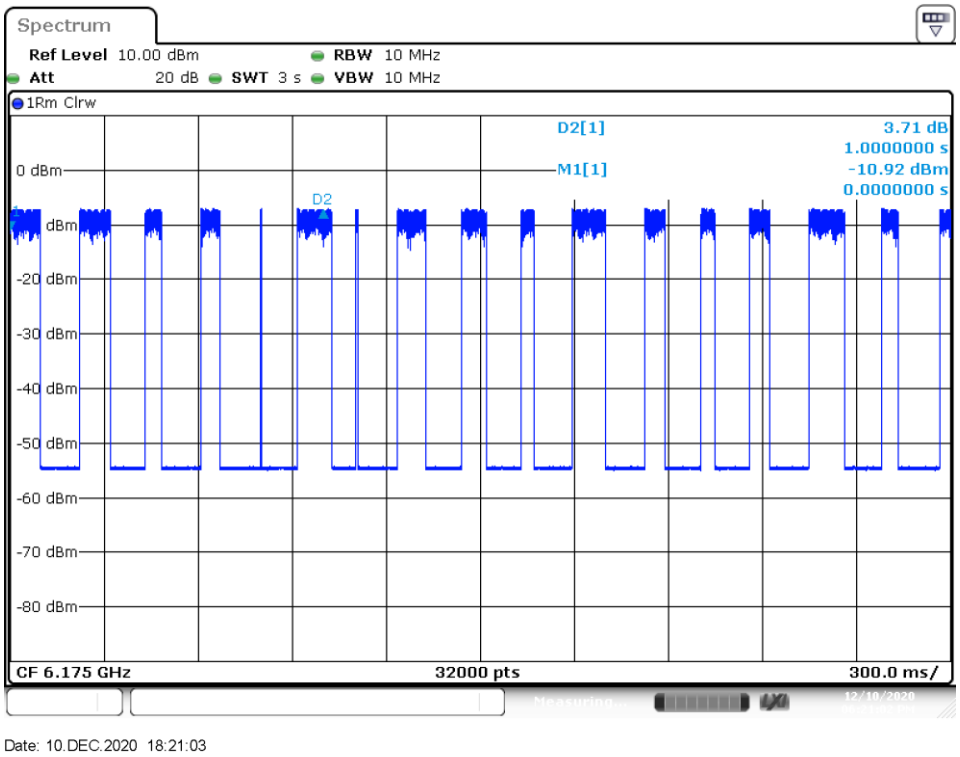
Spectrum Emission Mask Standard: None

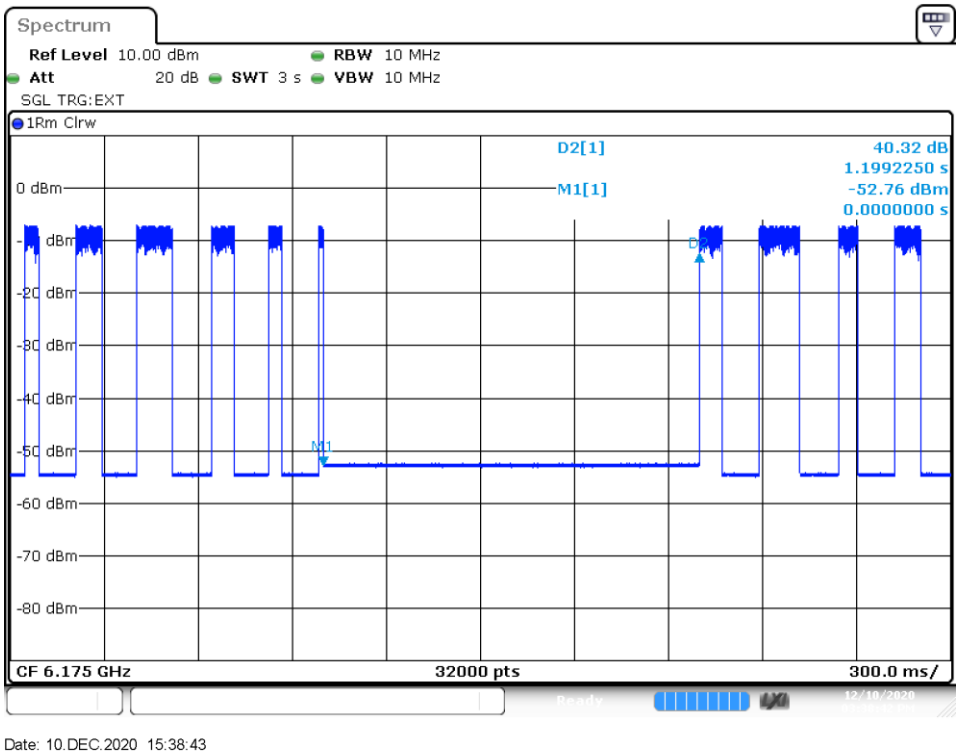
Peak Power 2.84 dBm RBW 2.000 MHz

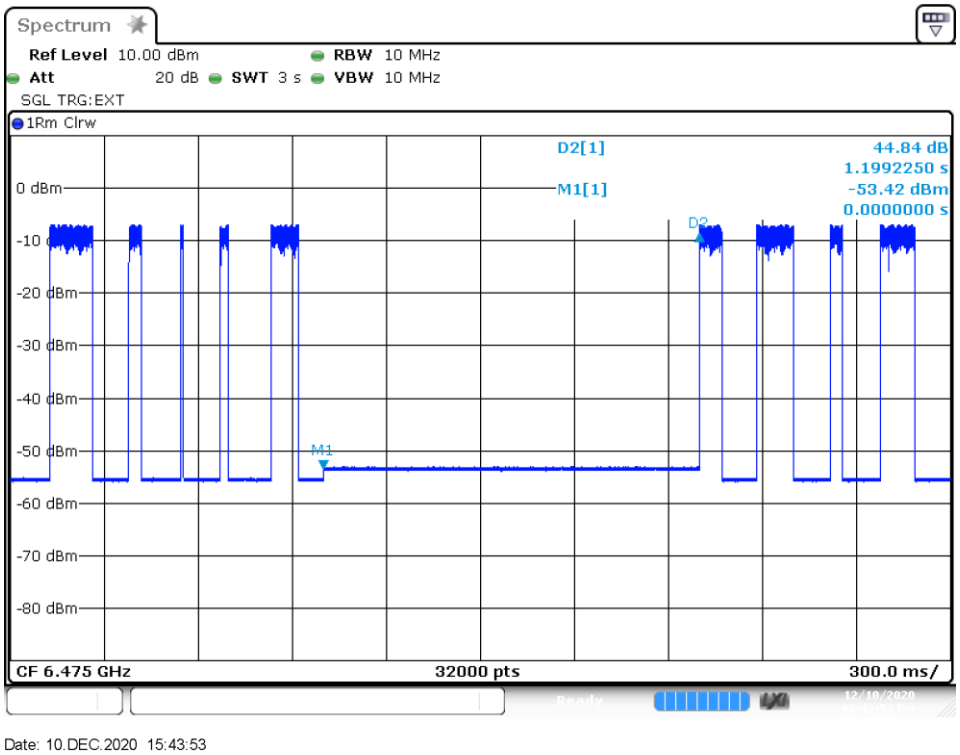
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-320.000 MHz	-240.000 MHz	2.000 MHz	5.77582 GHz	-44.38 dBm	-47.22 dB	-7.22 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	5.78503 GHz	-44.55 dBm	-47.39 dB	-7.40 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	5.94397 GHz	-19.05 dBm	-21.89 dB	-1.89 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	5.94403 GHz	-16.98 dBm	-19.82 dB	-0.49 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.10597 GHz	-17.73 dBm	-20.57 dB	-1.24 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.10603 GHz	-18.31 dBm	-21.15 dB	-1.15 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.21985 GHz	-36.01 dBm	-38.85 dB	-5.62 dB
240.000 MHz	320.000 MHz	2.000 MHz	6.26798 GHz	-48.30 dBm	-51.14 dB	-11.14 dB

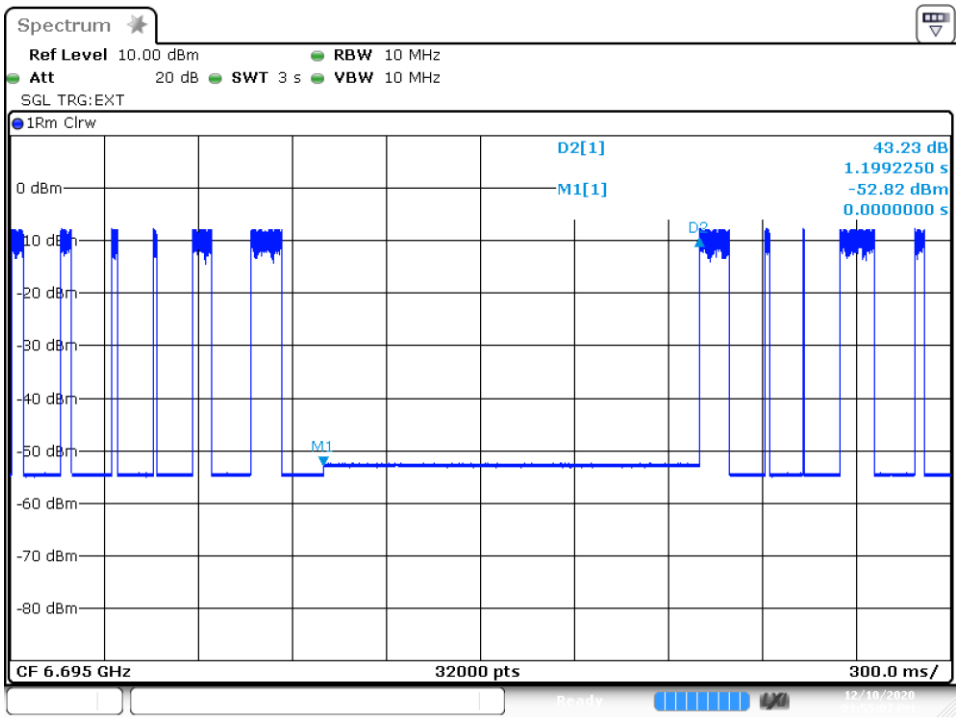
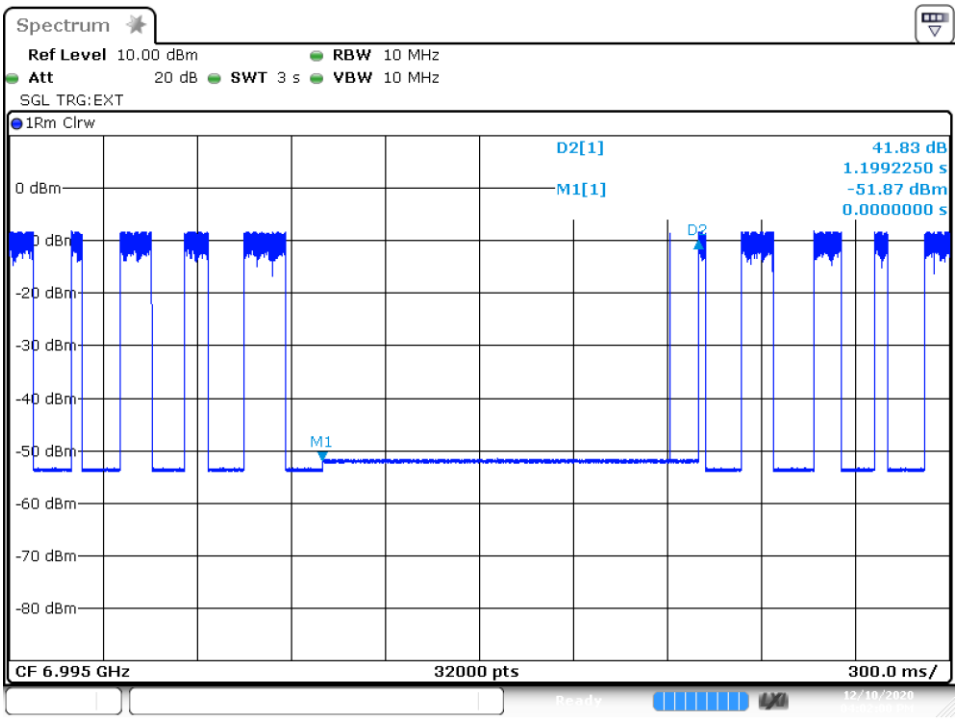
Channel 15

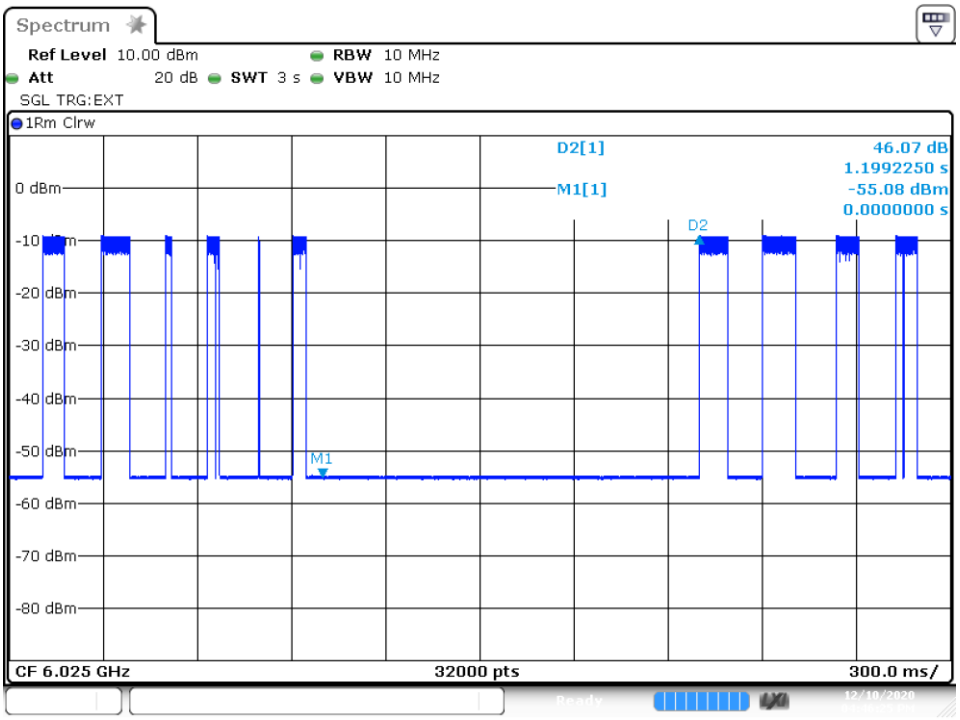
C.1.4 Contention-based protocol

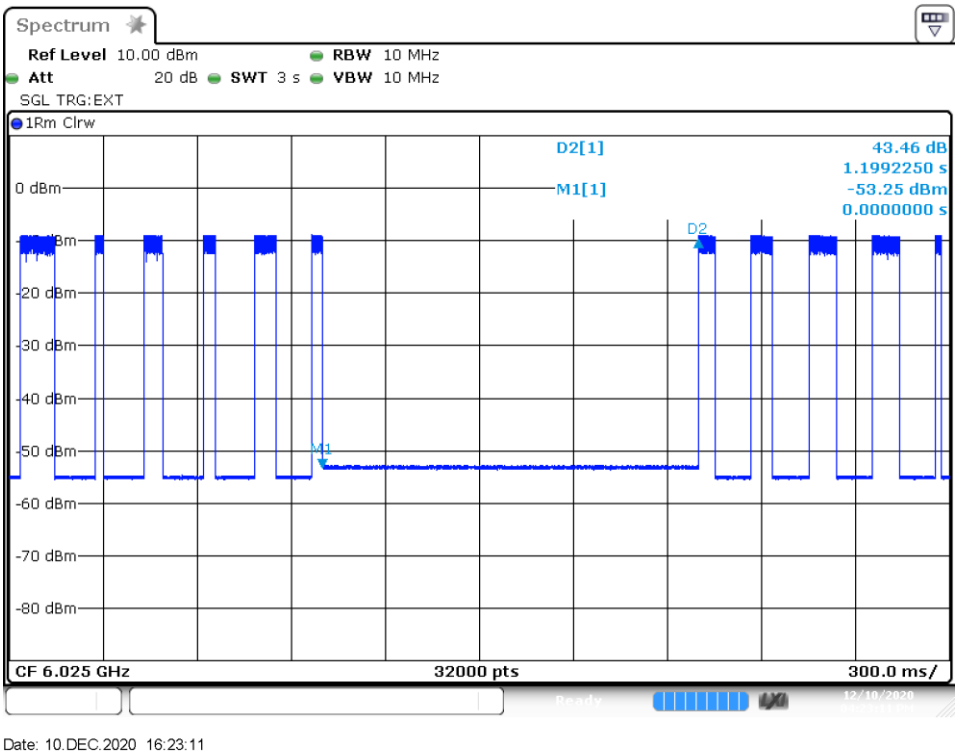
EUT transmission plot


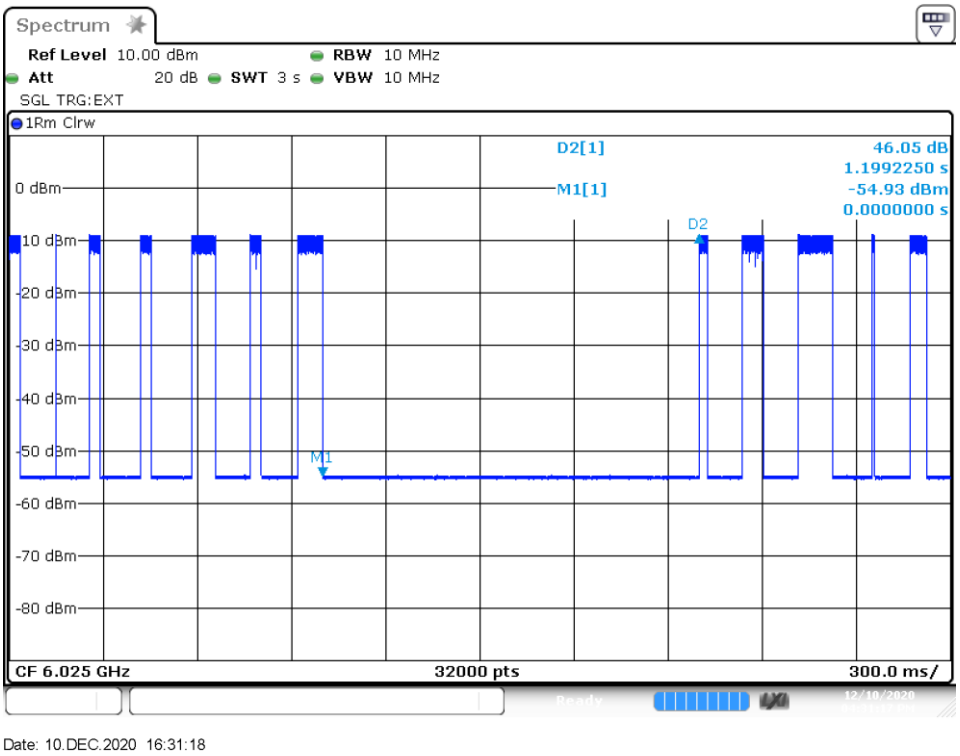
Channel 45 – Incumbent signal 6175 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

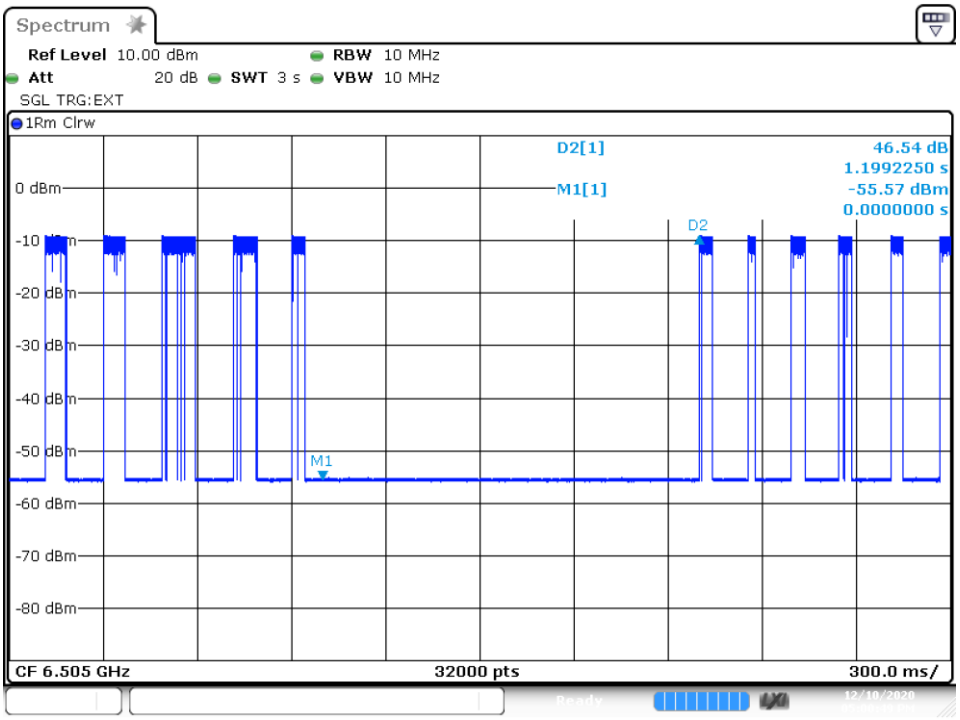
Channel 105 - Incumbent signal 6475 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

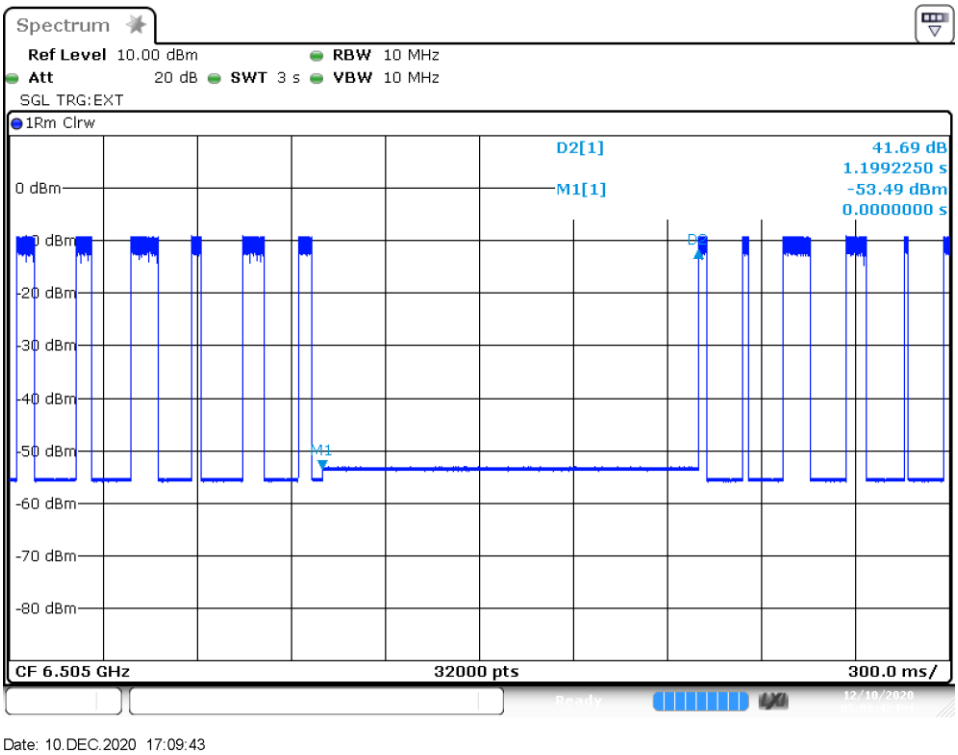
Channel 149 - Incumbent signal 6695 MHz
 Date: 10.DEC.2020 15:55:08
Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal
Channel 209 - Incumbent signal 6995 MHz
 Date: 10.DEC.2020 16:02:00
Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

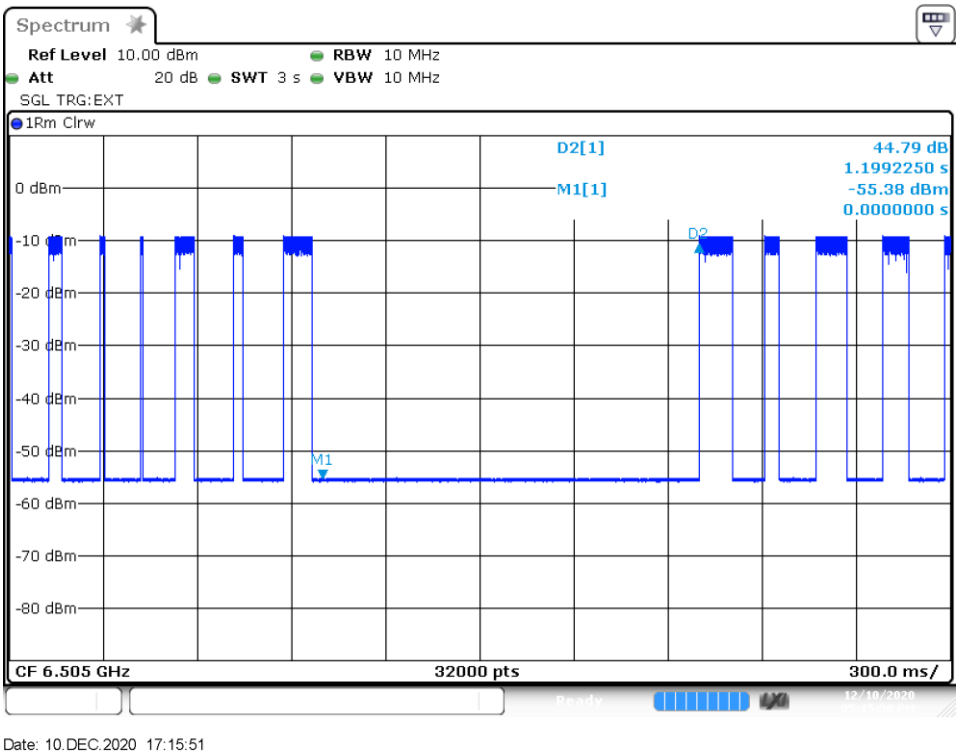
Channel 15 - Incumbent signal 5950 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

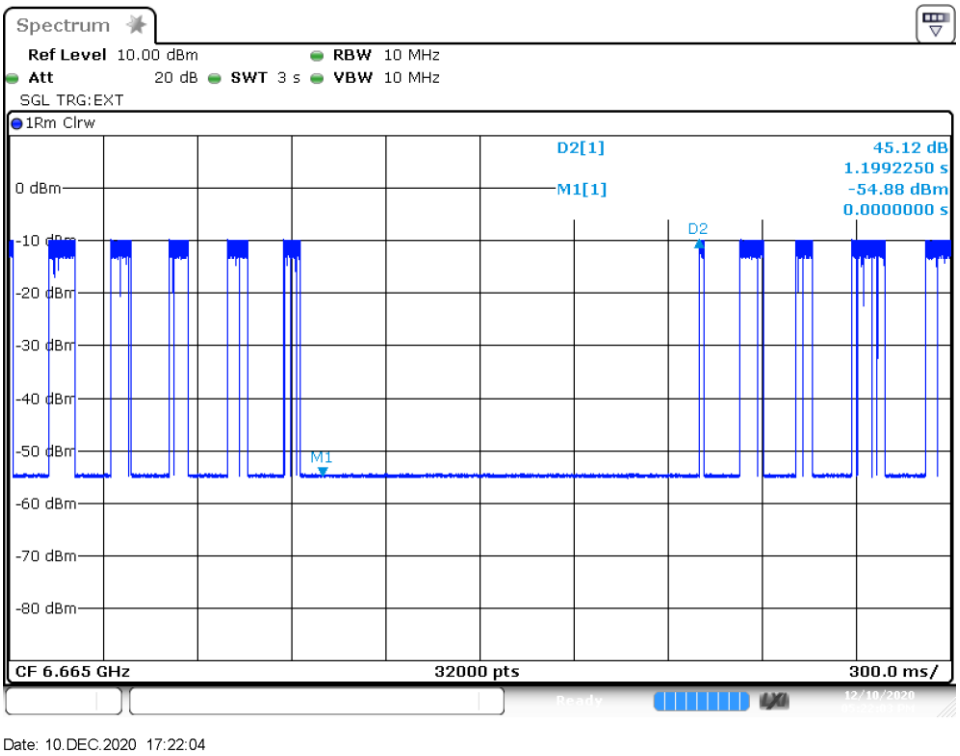
Channel 15 - Incumbent signal 6025 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

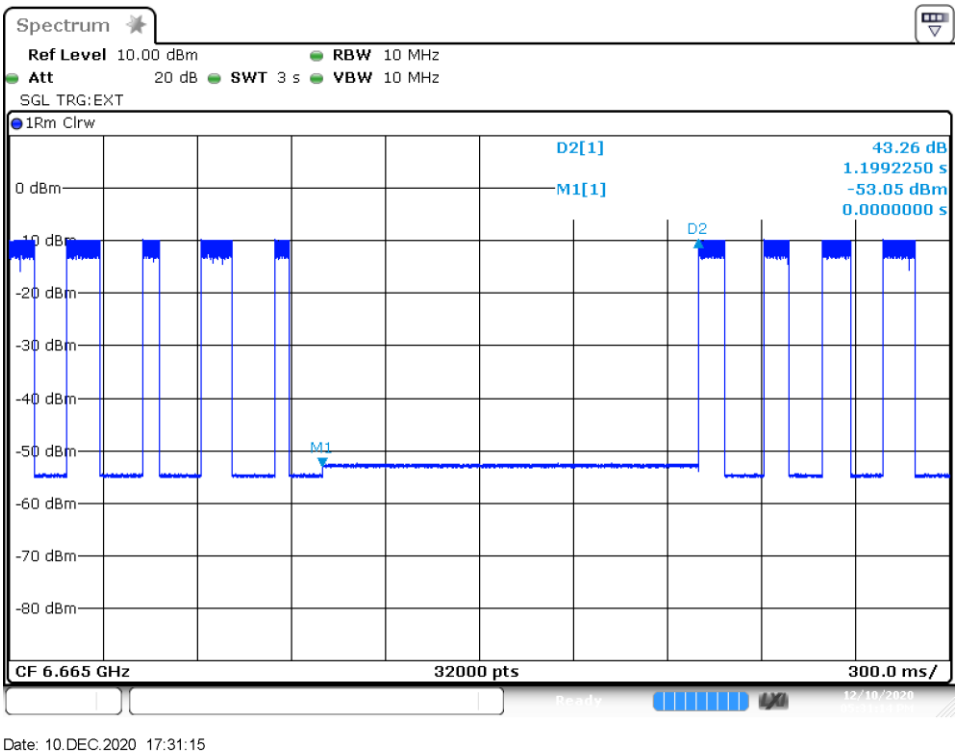
Channel 15 - Incumbent signal 6100 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

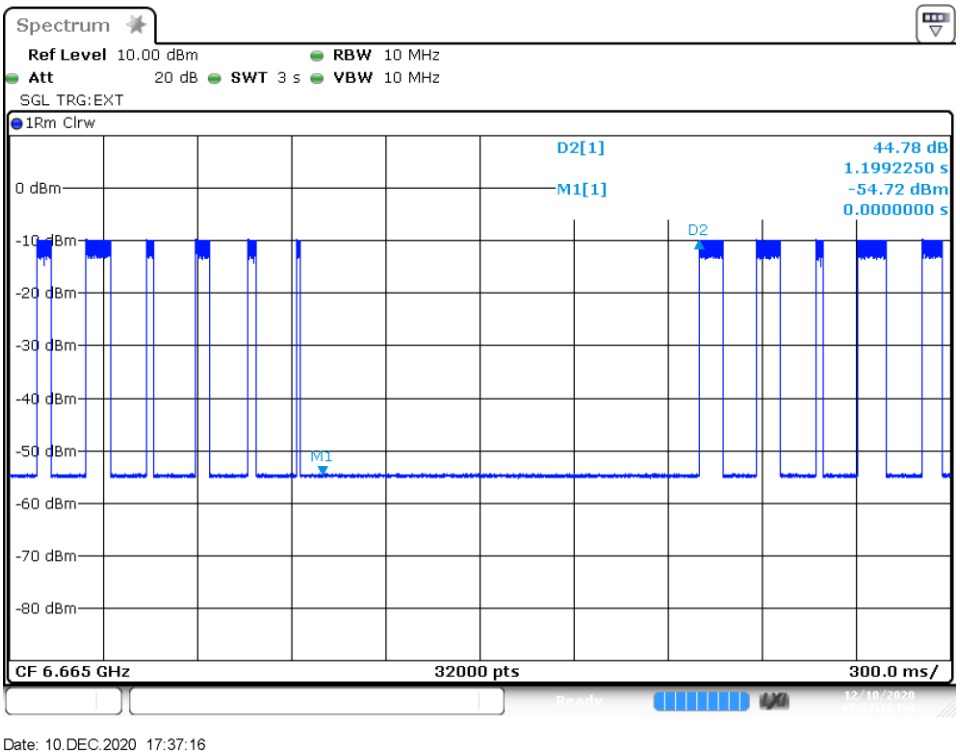
Channel 111 - Incumbent signal 6430 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

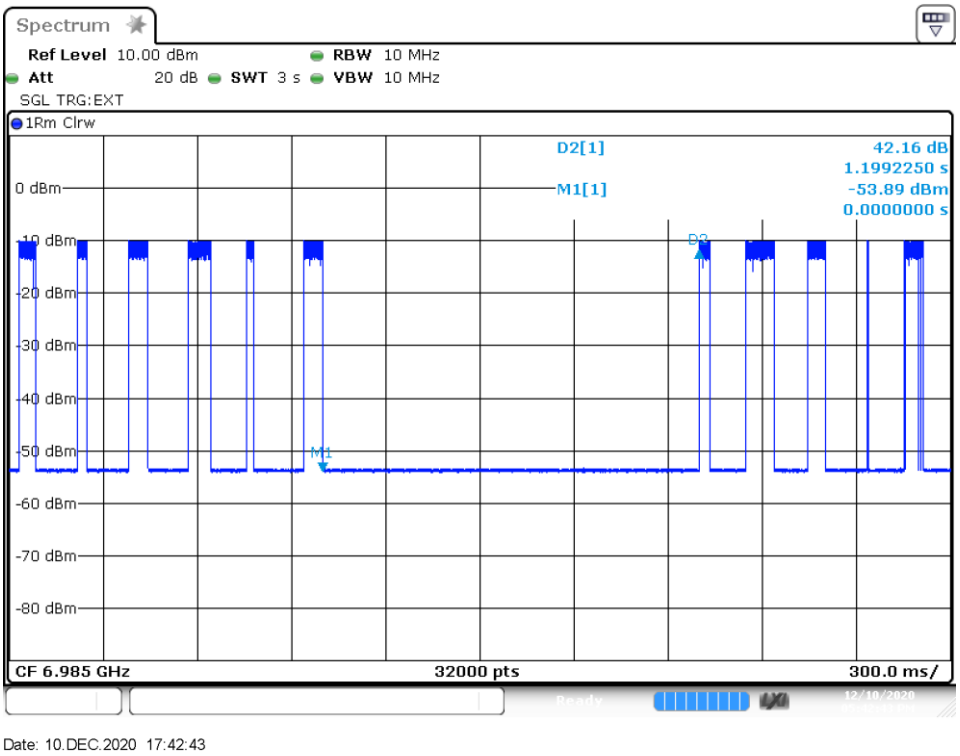
Channel 111 - Incumbent signal 6505 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

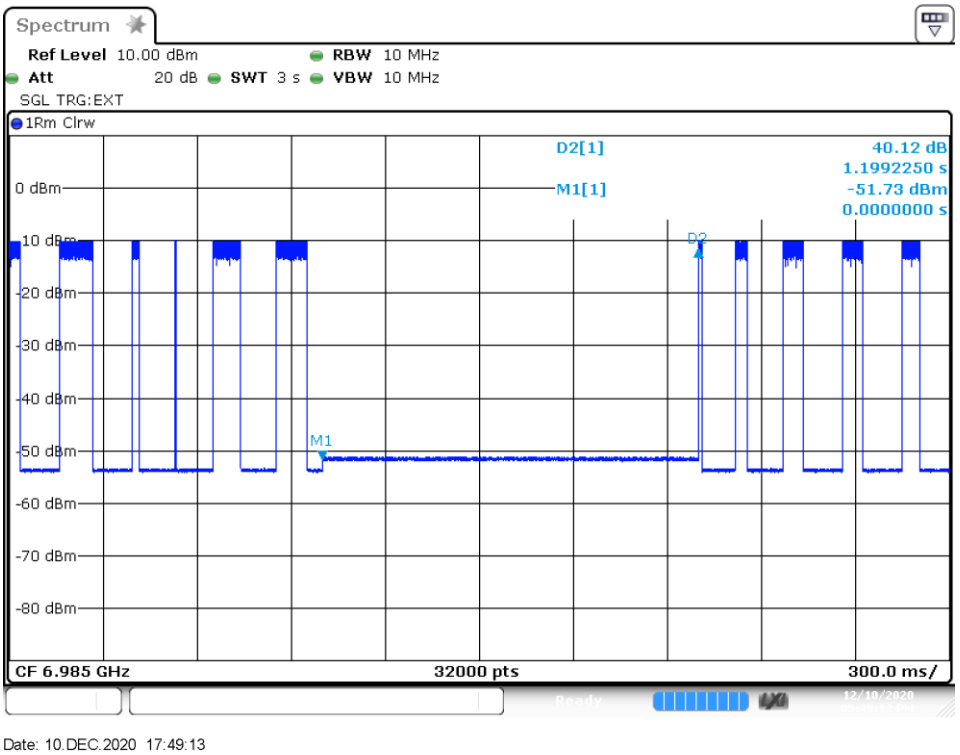
Channel 111 - Incumbent signal 6580 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

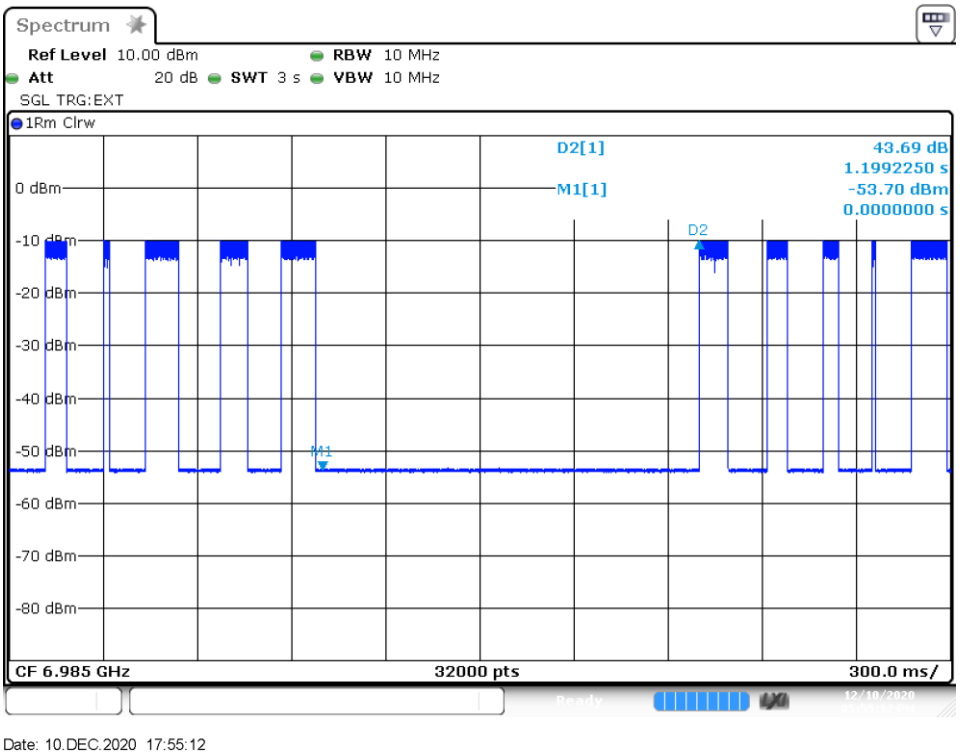
Channel 143 - Incumbent signal 6590 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

Channel 143 - Incumbent signal 6665 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

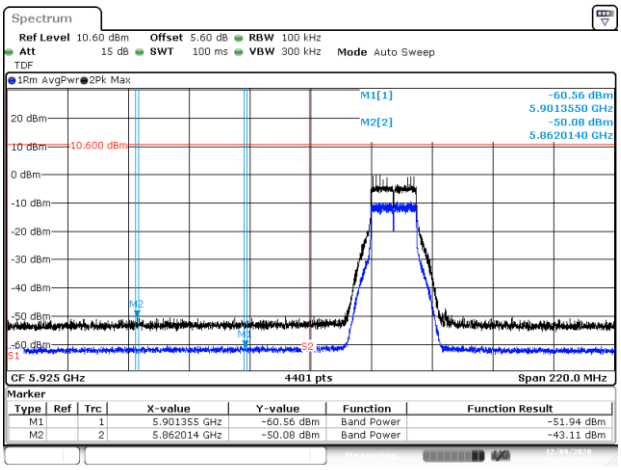
Channel 143 - Incumbent signal 6740 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

Channel 207 - Incumbent signal 6910 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

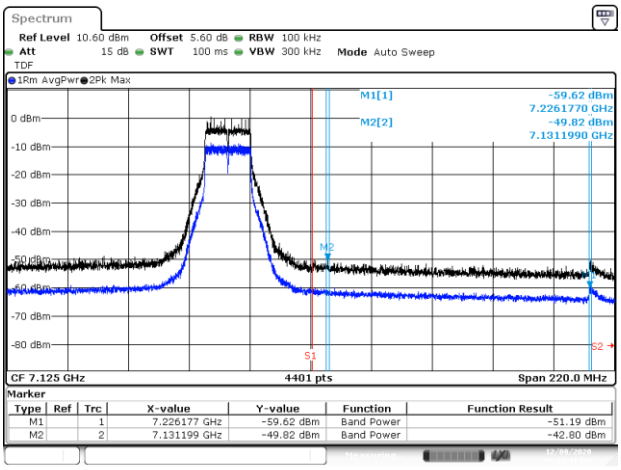
Channel 207 - Incumbent signal 6985 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

Channel 207 - Incumbent signal 7060 MHz

Note - M1: Injection of AWGN signal, D2: Removal of AWGN signal

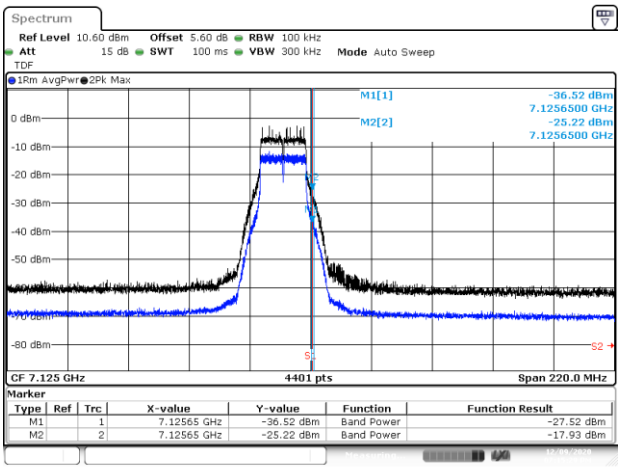
C.1.5 Undesirable emission limits : out of band (Conducted)



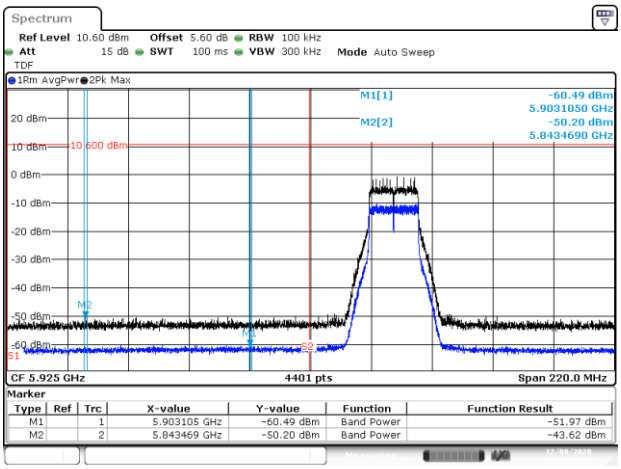
BE-NR-LOW, SISO-A, 802.11a-6Mbps, Ch1



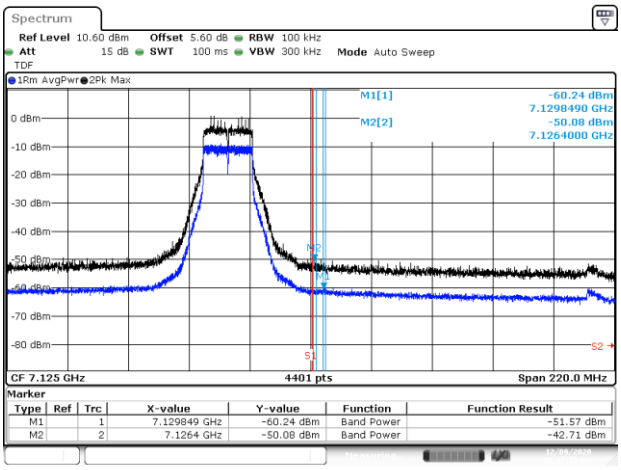
BE-NR-HIGH, SISO-A, 802.11a-6Mbps, Ch229



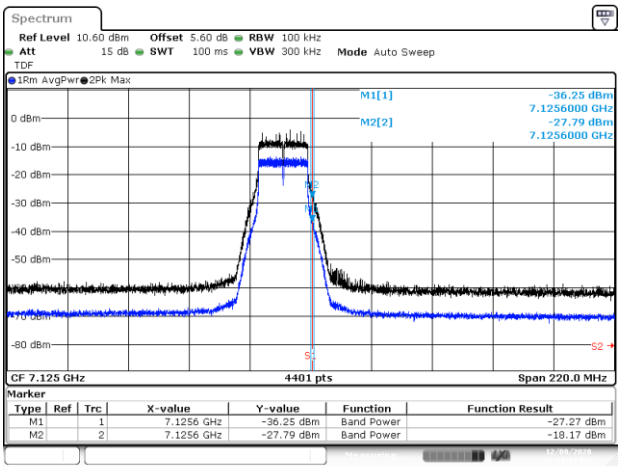
BE-NR-HIGH, SISO-A, 802.11a-6Mbps, Ch233



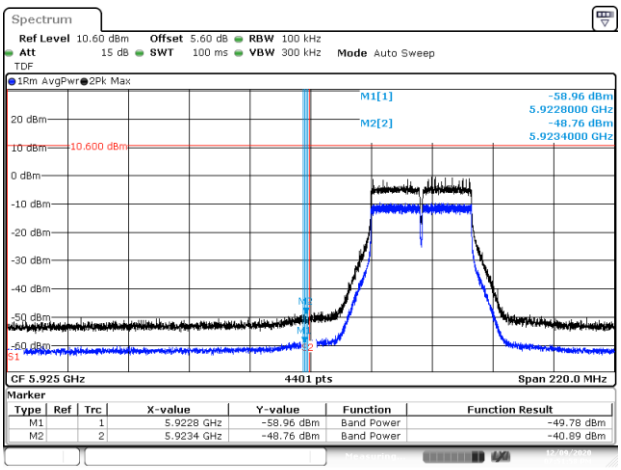
BE-NR-LOW, SISO-A, 802.11n20-HT0, Ch1



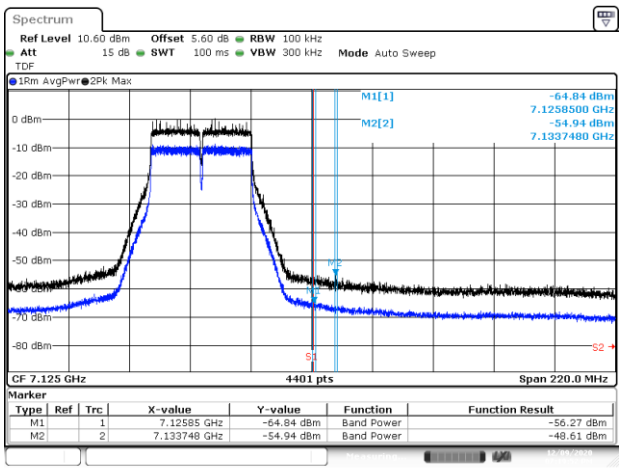
BE-NR-HIGH, SISO-A, 802.11n20-HT0, Ch229



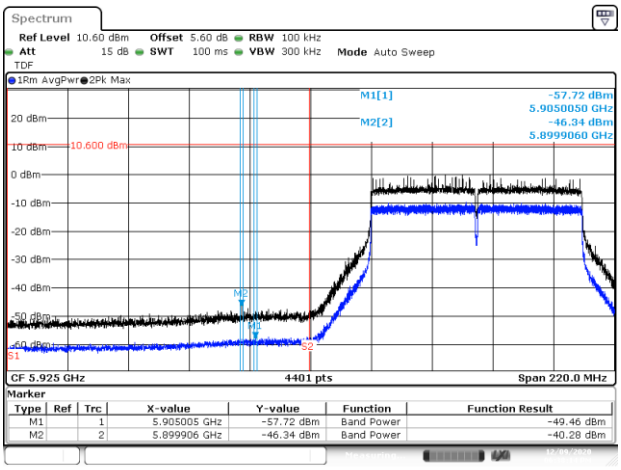
BE-NR-HIGH, SISO-A, 802.11n20-HT0, Ch233



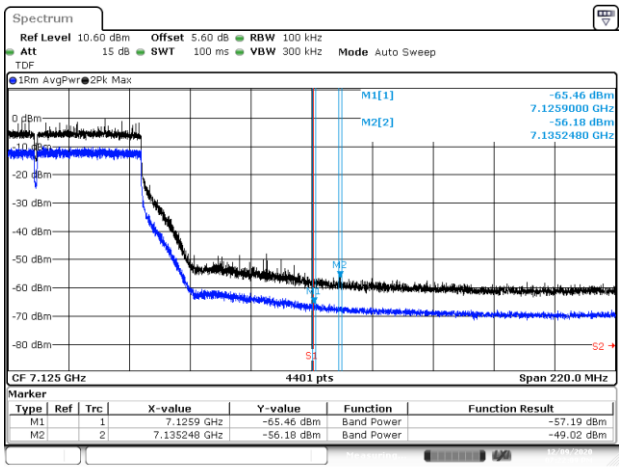
BE-NR-LOW, SISO-A, 802.11n40-HT0, Ch3



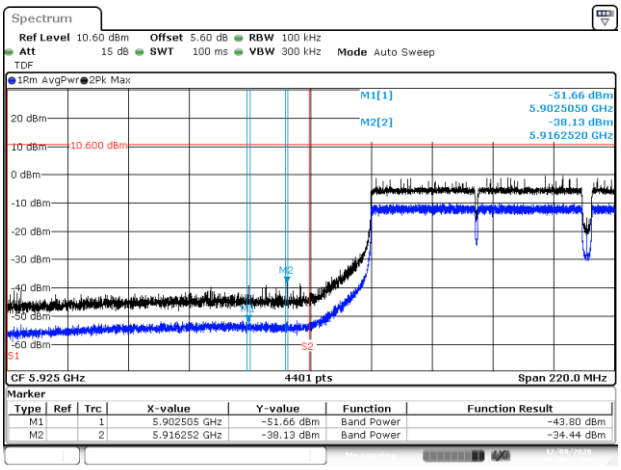
BE-NR-HIGH, SISO-A, 802.11n40-HT0, Ch227



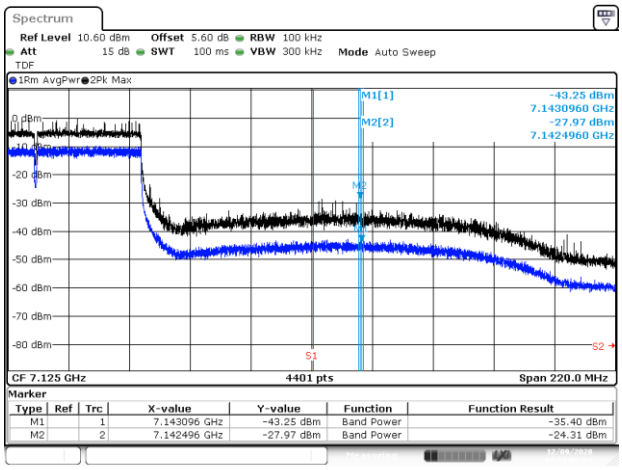
BE-NR-LOW, SISO-A, 802.11ac80-VHT0, Ch7



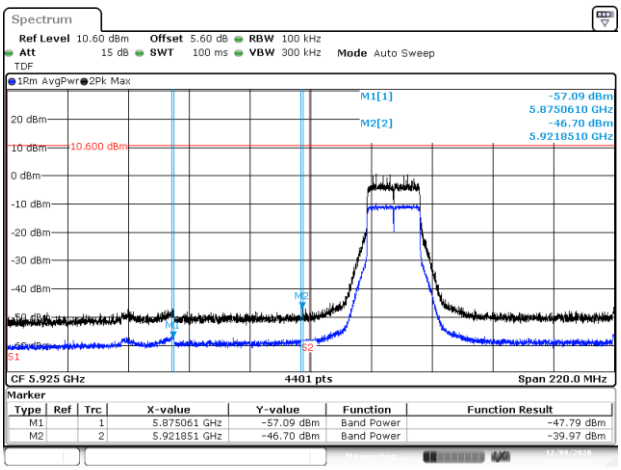
BE-NR-HIGH, SISO-A, 802.11ac80-VHT0, Ch215



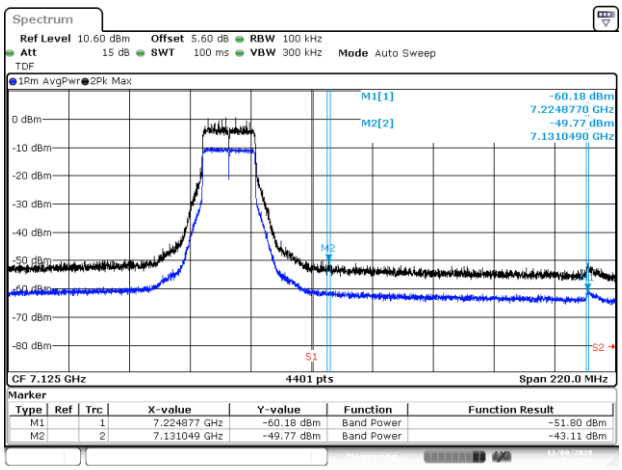
BE-NR-LOW, SISO-A, 802.11ac160-VHT0, Ch15



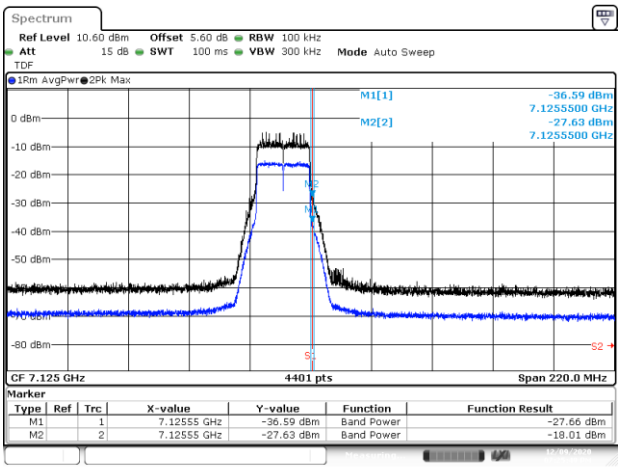
BE-NR-HIGH, SISO-A, 802.11ac160-VHT0, Ch207



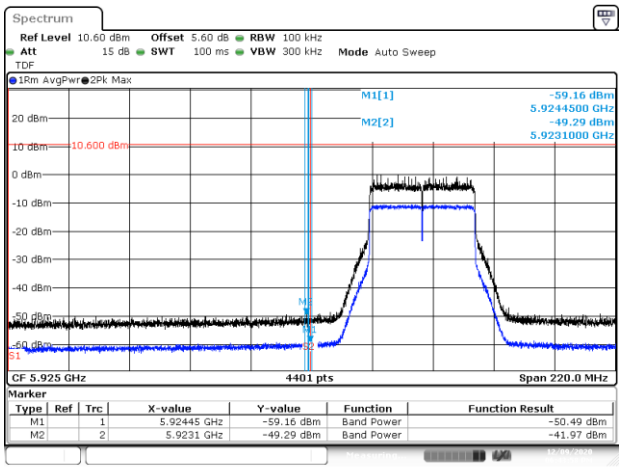
BE-NR-LOW, SISO-A, 802.11ax20-HE0, Ch1



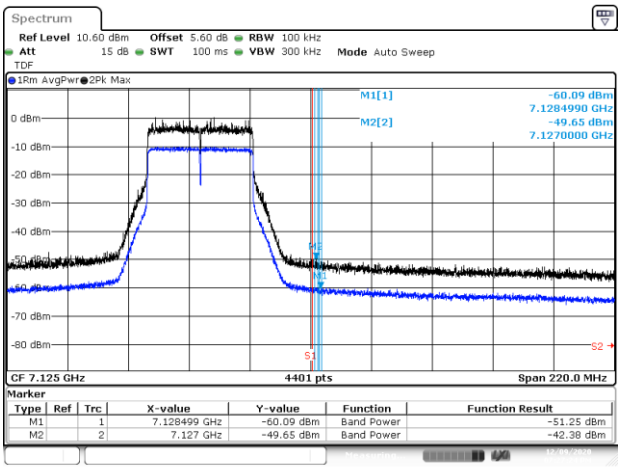
BE-NR-HIGH, SISO-A, 802.11ax20-HE0, Ch229



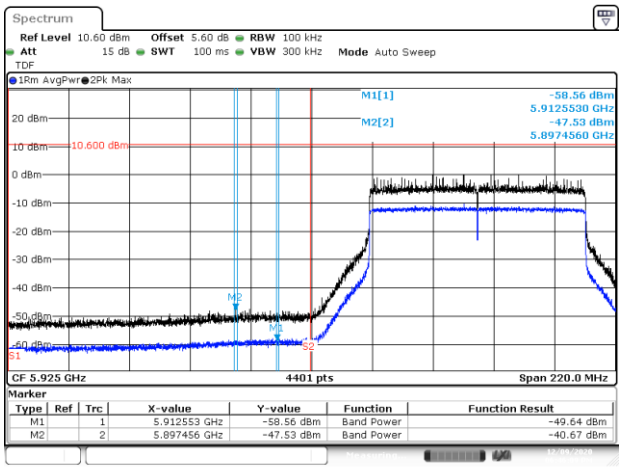
BE-NR-HIGH, SISO-A, 802.11ax20-HE0, Ch233



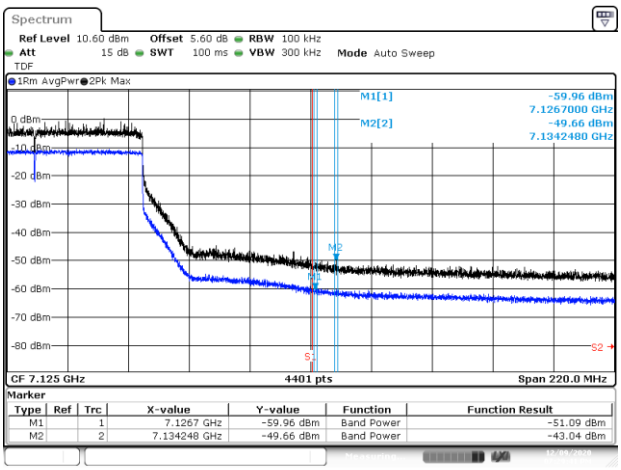
BE-NR-LOW, SISO-A, 802.11ax40-HE0, Ch3



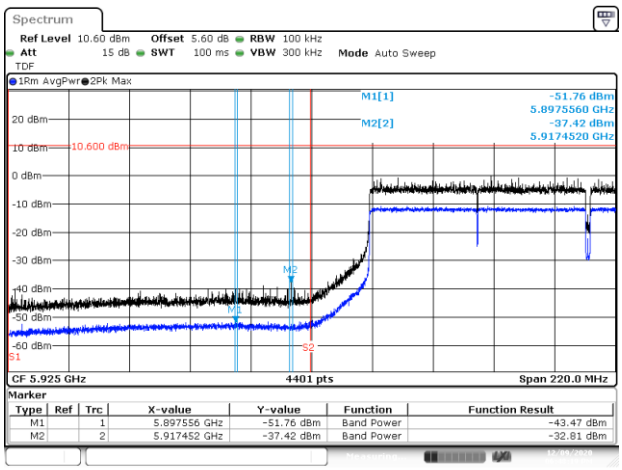
BE-NR-HIGH, SISO-A, 802.11ax40-HE0, Ch227



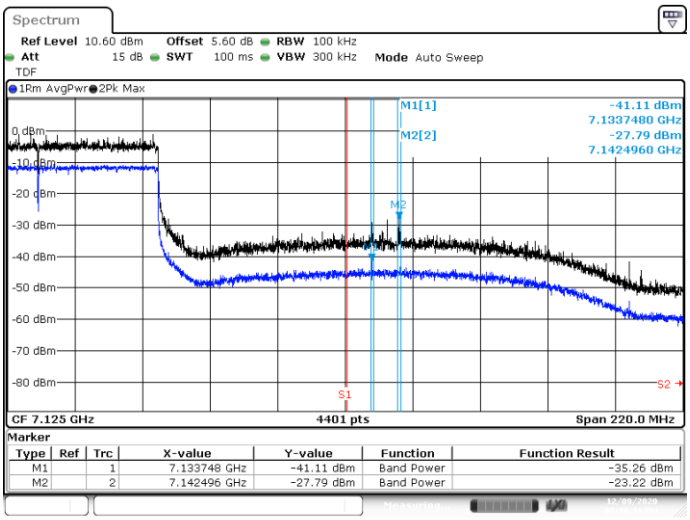
BE-NR-LOW, SISO-A, 802.11ac80-HE0, Ch7



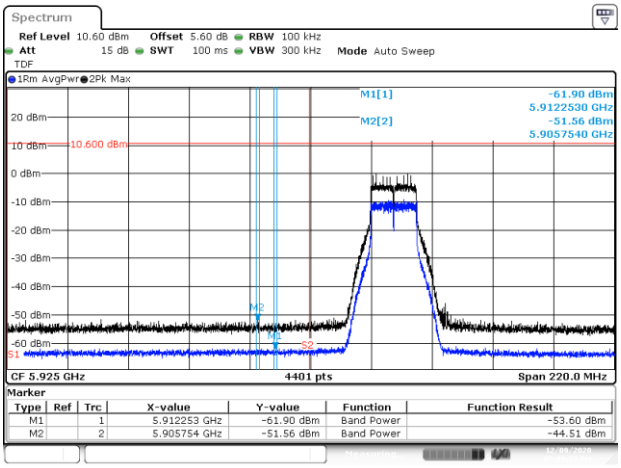
BE-NR-HIGH, SISO-A, 802.11ac80-HE0, Ch215



BE-NR-LOW, SISO-A, 802.11ac160-HE0, Ch15

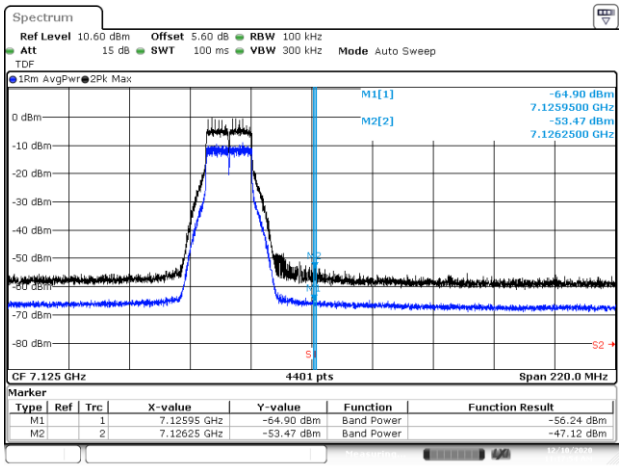


BE-NR-HIGH, SISO-A, 802.11ac160-HE0, Ch207



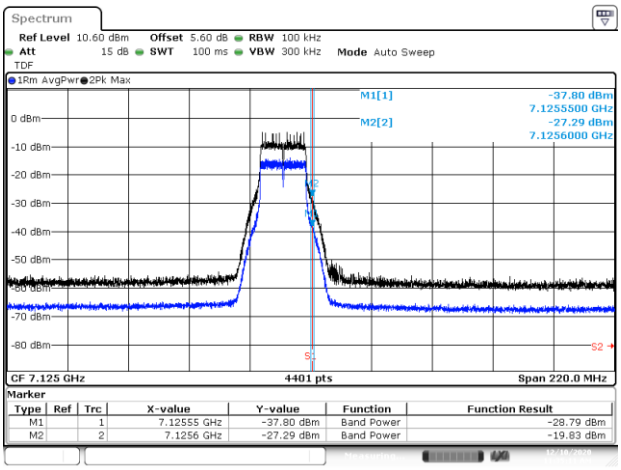
Date: 9 DEC 2020 19:19:23

BE-NR-LOW, SISO-B, 802.11a-6Mbps, Ch1



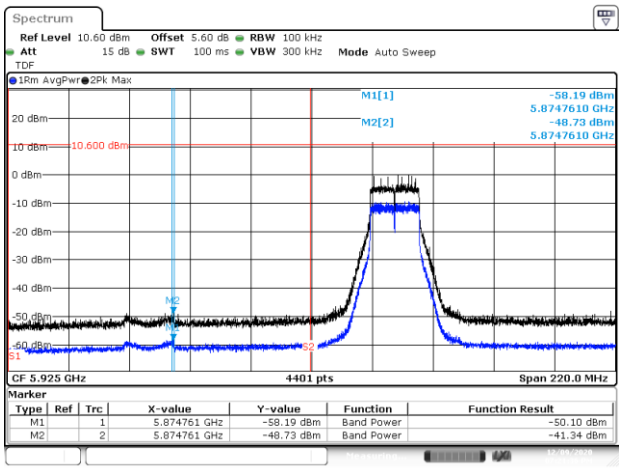
Date: 10 DEC 2020 11:17:55

BE-NR-HIGH, SISO-B, 802.11a-6Mbps, Ch229



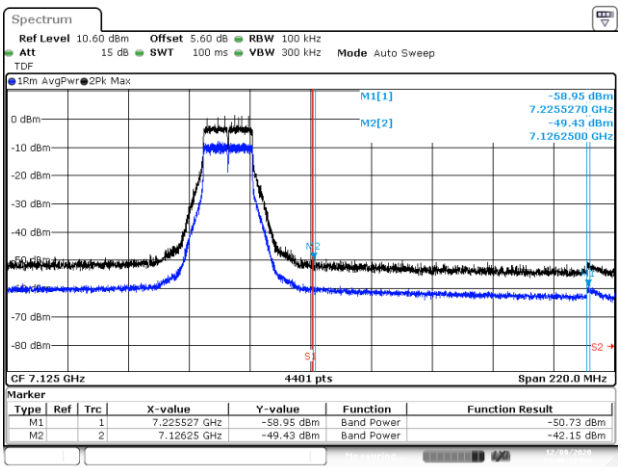
Date: 10 DEC 2020 11:35:11

BE-NR-HIGH, SISO-B, 802.11a-6Mbps, Ch233



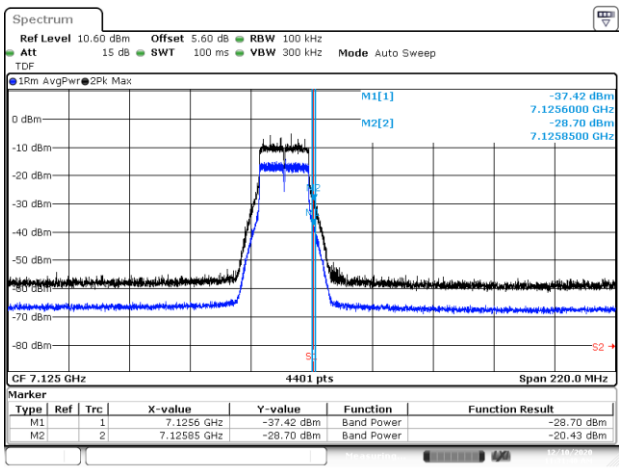
Date: 9 DEC 2020 19:21:36

BE-NR-LOW, SISO-B, 802.11n20-HT0, Ch1



Date: 9 DEC 2020 20:03:37

BE-NR-HIGH, SISO-B, 802.11n20-HT0, Ch229



Date: 10 DEC 2020 11:31:40

BE-NR-HIGH, SISO-B, 802.11n20-HT0, Ch233