13.2 MAXIMUM CONDUCTED OUTPUT POWER

5.2G:

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	9.49	0	9.49	24	Pass
NVNT	802.11a	5200	Ant 1	9.55	0	9.55	24	Pass
NVNT	802.11a	5240	Ant 1	10.04	0	10.04	24	Pass
NVNT	802.11ac20	5180	Ant 1	9.29	0	9.29	24	Pass
NVNT	802.11ac20	5200	Ant 1	9.46	0	9.46	24	Pass
NVNT	802.11ac20	5240	Ant 1	10.1	0	10.1	24	Pass
NVNT	802.11ac40	5190	Ant 1	9.15	0	9.15	24	Pass
NVNT	802.11ac40	5230	Ant 1	9.77	0.01	9.78	24	Pass
NVNT	802.11ac80	5210	Ant 1	9.71	0	9.71	24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	9.25	0	9.25	24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	9.36	0	9.36	24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	9.99	0	9.99	24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	9.15	0	9.15	24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	9.78	0	9.78	24	Pass

5.3G

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5260	Ant 1	10	0	10	24	Pass
NVNT	802.11a	5280	Ant 1	10.54	0	10.54	24	Pass
NVNT	802.11a	5320	Ant 1	9.92	0	9.92	24	Pass
NVNT	802.11ac20	5260	Ant 1	10.04	0	10.04	24	Pass
NVNT	802.11ac20	5280	Ant 1	10.5	0	10.5	24	Pass
NVNT	802.11ac20	5320	Ant 1	9.96	0	9.96	24	Pass
NVNT	802.11ac40	5270	Ant 1	9.72	0	9.72	24	Pass
NVNT	802.11ac40	5310	Ant 1	9.88	0	9.88	24	Pass
NVNT	802.11ac80	5290	Ant 1	10.39	0	10.39	24	Pass
NVNT	802.11n(HT20)	5260	Ant 1	9.94	0	9.94	24	Pass
NVNT	802.11n(HT20)	5280	Ant 1	10.53	0	10.53	24	Pass
NVNT	802.11n(HT20)	5320	Ant 1	9.9	0	9.9	24	Pass
NVNT	802.11n(HT40)	5270	Ant 1	9.7	0	9.7	24	Pass
NVNT	802.11n(HT40)	5310	Ant 1	9.73	0	9.73	24	Pass

5.6G:

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5500	Ant 1	9.84	0	9.84	24	Pass
NVNT	802.11a	5600	Ant 1	9.13	0	9.13	24	Pass
NVNT	802.11a	5700	Ant 1	10.24	0	10.24	24	Pass
NVNT	802.11ac20	5500	Ant 1	9.84	0	9.84	24	Pass
NVNT	802.11ac20	5600	Ant 1	9.61	0	9.61	24	Pass
NVNT	802.11ac20	5700	Ant 1	10.24	0	10.24	24	Pass
NVNT	802.11ac40	5510	Ant 1	9.51	0	9.51	24	Pass
NVNT	802.11ac40	5590	Ant 1	8.66	0	8.66	24	Pass
NVNT	802.11ac40	5670	Ant 1	9.44	0	9.44	24	Pass
NVNT	802.11ac80	5530	Ant 1	9.75	0	9.75	24	Pass
NVNT	802.11ac80	5610	Ant 1	8.88	0	8.88	24	Pass
NVNT	802.11n(HT20)	5500	Ant 1	9.97	0	9.97	24	Pass
NVNT	802.11n(HT20)	5600	Ant 1	9.02	0	9.02	24	Pass
NVNT	802.11n(HT20)	5700	Ant 1	10.22	0	10.22	24	Pass
NVNT	802.11n(HT40)	5510	Ant 1	9.55	0	9.55	24	Pass
NVNT	802.11n(HT40)	5590	Ant 1	8.31	0	8.31	24	Pass
NVNT	802.11n(HT40)	5670	Ant 1	9.52	0	9.52	24	Pass

5.8G:

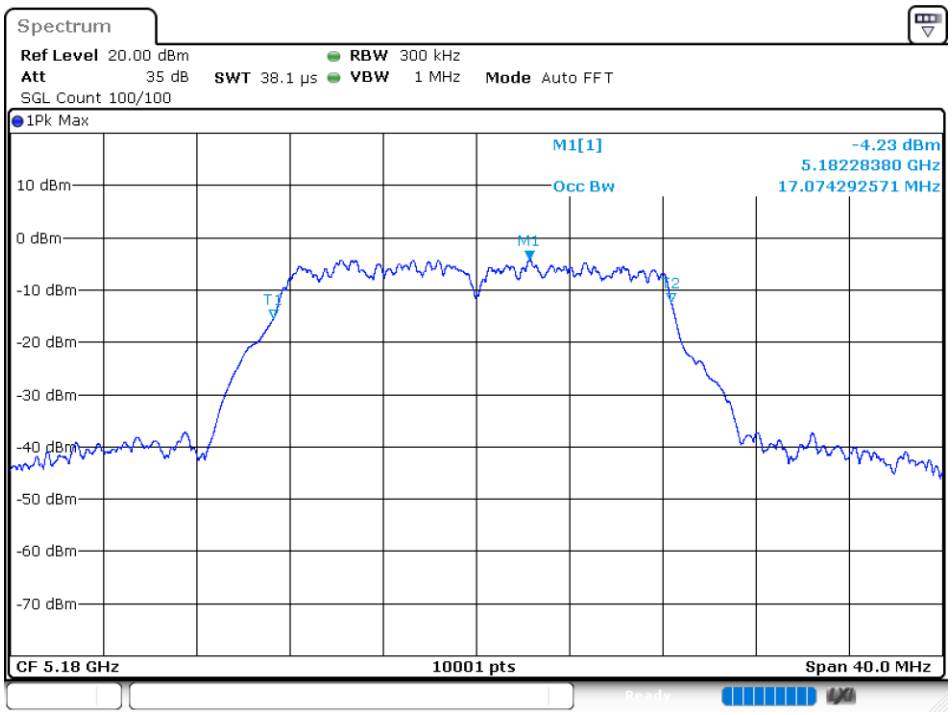
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	10.66	0	10.66	30	Pass
NVNT	802.11a	5785	Ant 1	10.04	0	10.04	30	Pass
NVNT	802.11a	5825	Ant 1	10.39	0	10.39	30	Pass
NVNT	802.11ac20	5745	Ant 1	10.58	0	10.58	30	Pass
NVNT	802.11ac20	5785	Ant 1	10.13	0	10.13	30	Pass
NVNT	802.11ac20	5825	Ant 1	10.4	0	10.4	30	Pass
NVNT	802.11ac40	5755	Ant 1	10.5	0	10.5	30	Pass
NVNT	802.11ac40	5795	Ant 1	10.18	0	10.18	30	Pass
NVNT	802.11ac80	5775	Ant 1	10.33	0	10.33	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	10.52	0	10.52	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	10.05	0	10.05	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	10.37	0	10.37	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	10.42	0	10.42	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	10.19	0	10.19	30	Pass

13.3 OCCUPIED CHANNEL BANDWIDTH

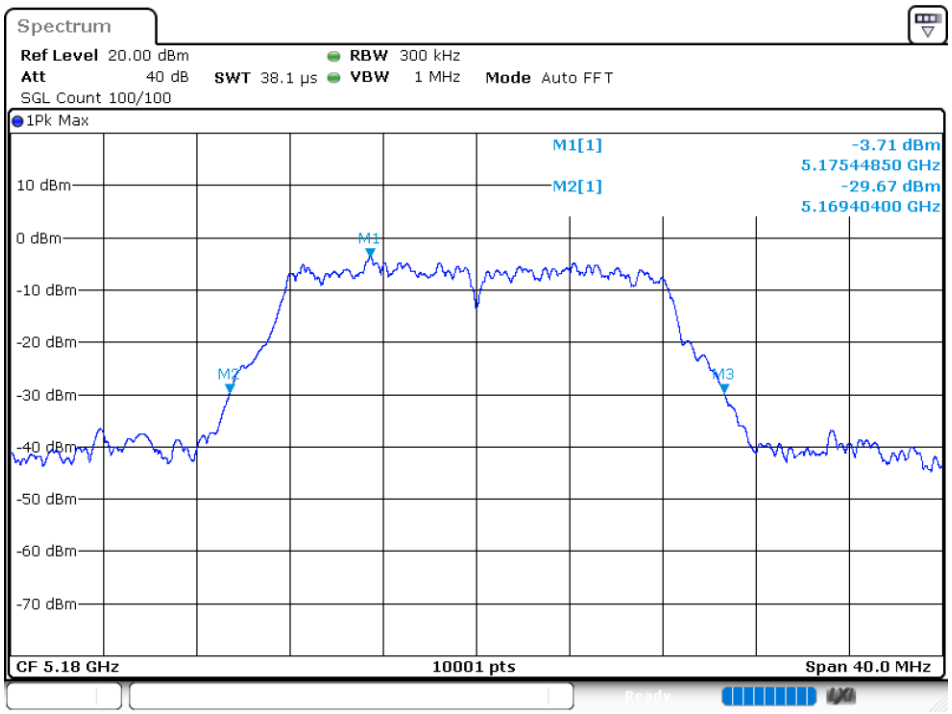
5.2G:

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)
NVNT	802.11a	5180	Ant 1	17.0743	21.22
NVNT	802.11a	5200	Ant 1	17.0143	21.192
NVNT	802.11a	5240	Ant 1	16.9383	21.268
NVNT	802.11ac20	5180	Ant 1	18.0622	21.588
NVNT	802.11ac20	5200	Ant 1	17.9662	21.708
NVNT	802.11ac20	5240	Ant 1	18.2102	21.748
NVNT	802.11ac40	5190	Ant 1	36.4444	40.296
NVNT	802.11ac40	5230	Ant 1	36.4364	40.328
NVNT	802.11ac80	5210	Ant 1	75.9284	82.48
NVNT	802.11n(HT20)	5180	Ant 1	18.0262	21.48
NVNT	802.11n(HT20)	5200	Ant 1	17.9862	21.168
NVNT	802.11n(HT20)	5240	Ant 1	18.1462	21.588
NVNT	802.11n(HT40)	5190	Ant 1	36.4444	40.472
NVNT	802.11n(HT40)	5230	Ant 1	36.4284	40.216

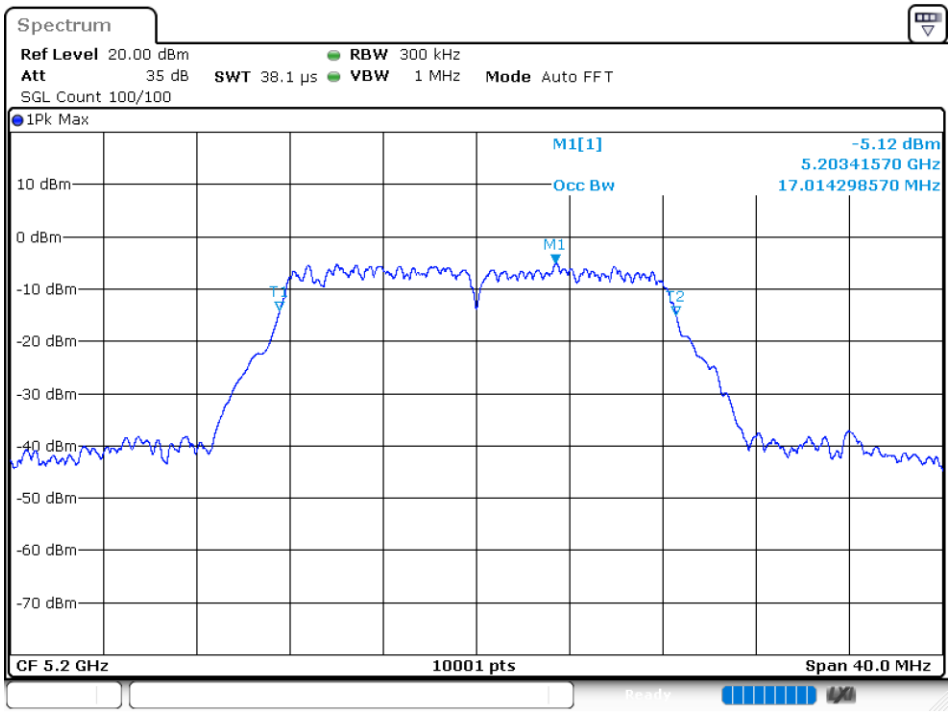
OBW NVNT 802.11a 5180MHz Ant1



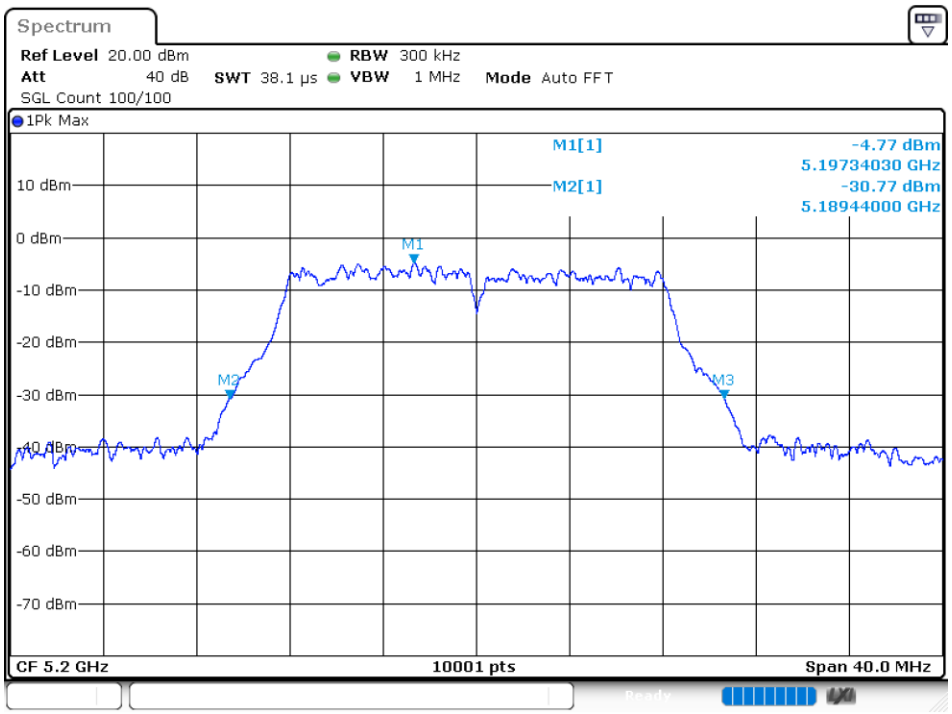
-26 dB BW NVNT 802.11a 5180MHz Ant1



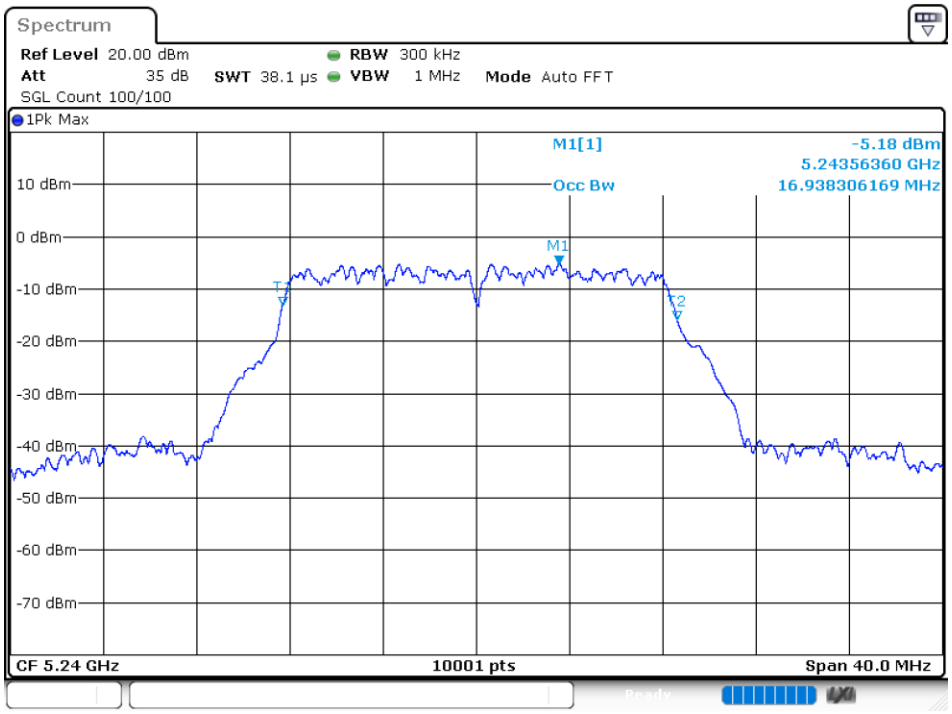
OBW NVNT 802.11a 5200MHz Ant1



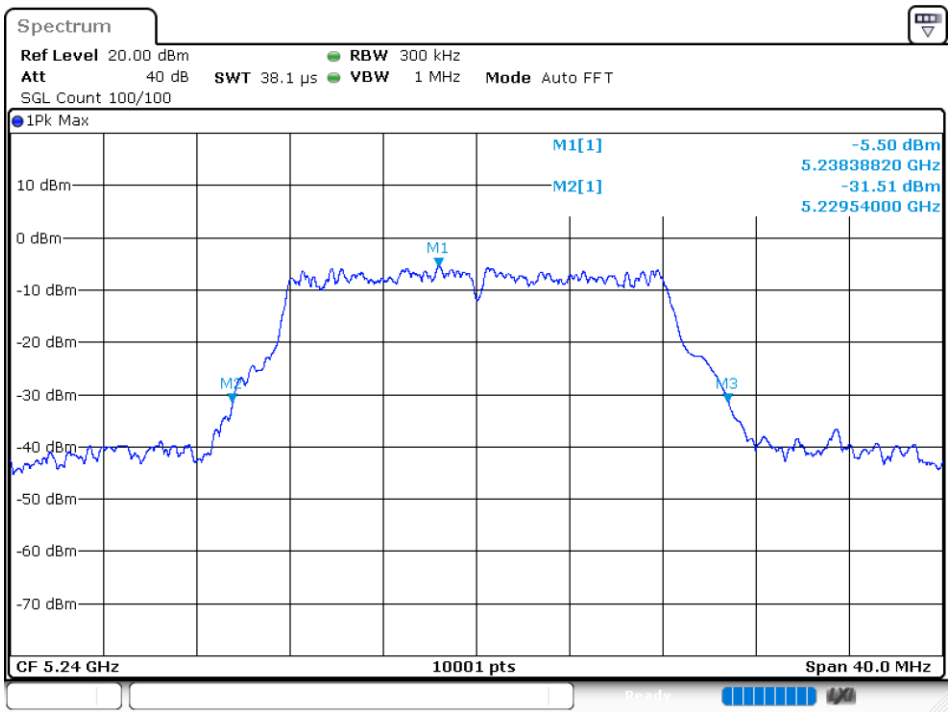
-26 dB BW NVNT 802.11a 5200MHz Ant1



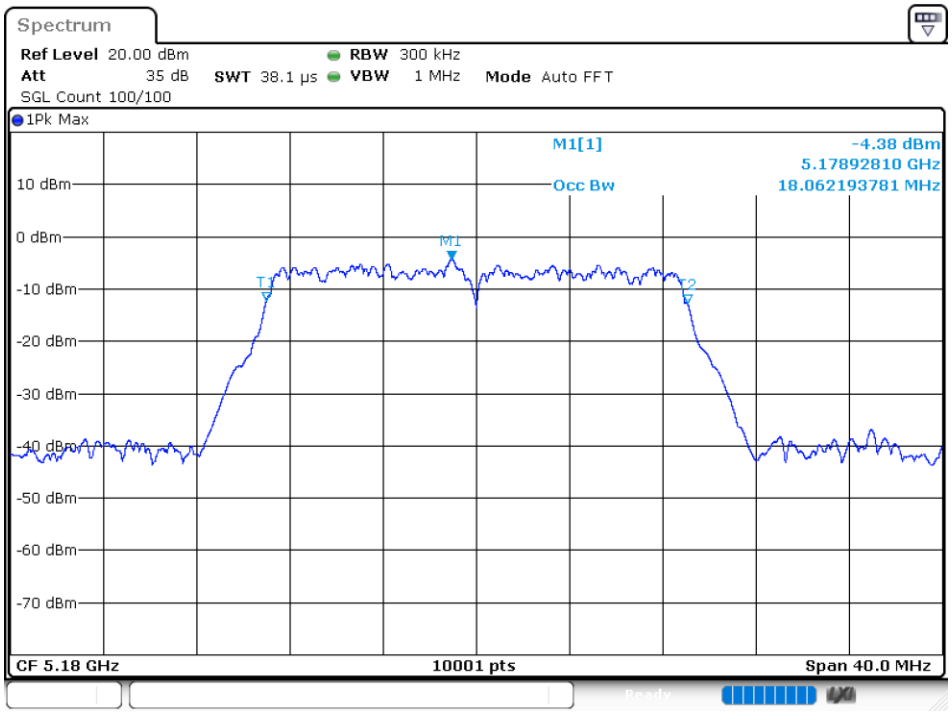
OBW NVNT 802.11a 5240MHz Ant1



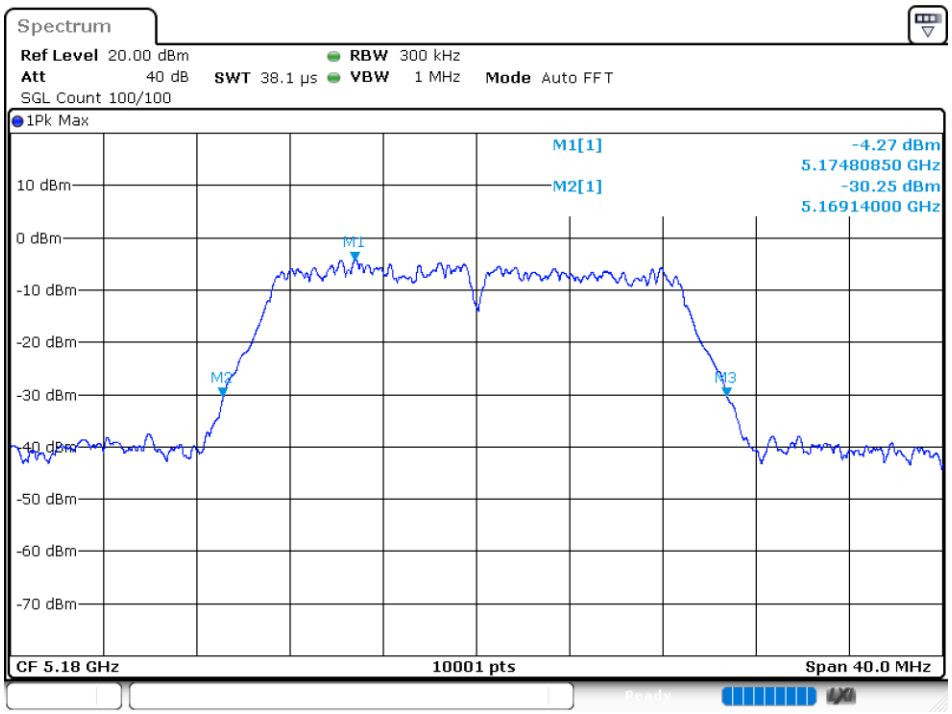
-26 dB BW NVNT 802.11a 5240MHz Ant1



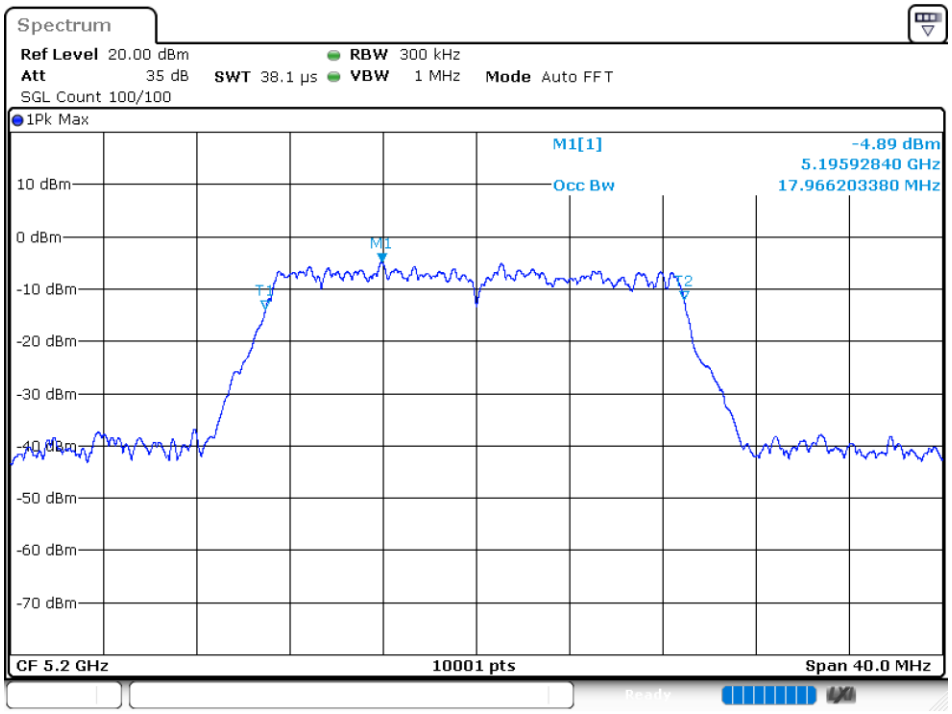
OBW NVNT 802.11ac20 5180MHz Ant1



-26 dB BW NVNT 802.11ac20 5180MHz Ant1



OBW NVNT 802.11ac20 5200MHz Ant1



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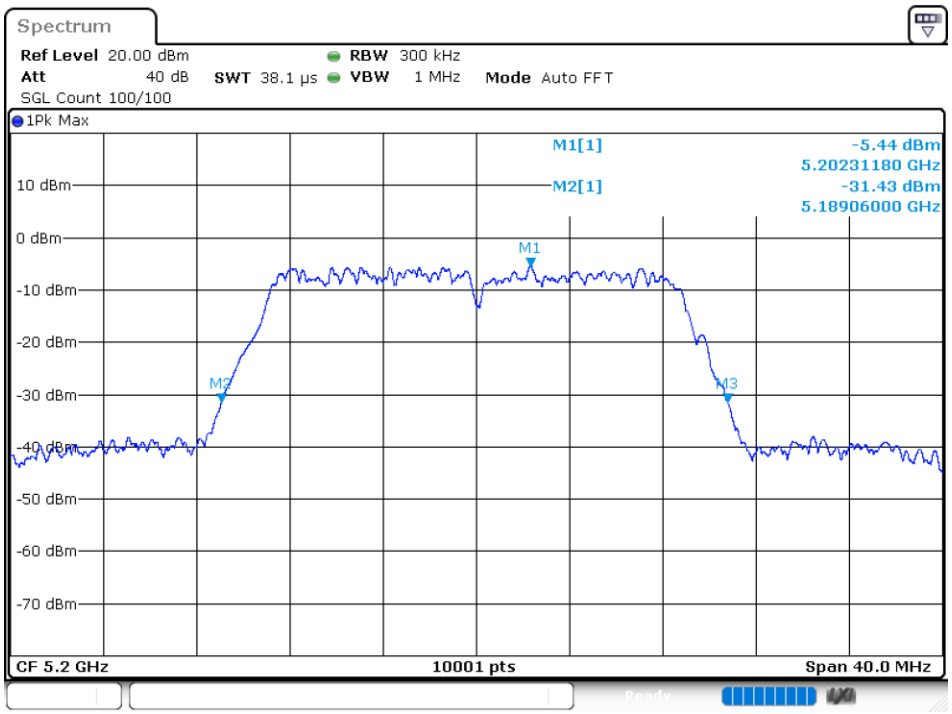
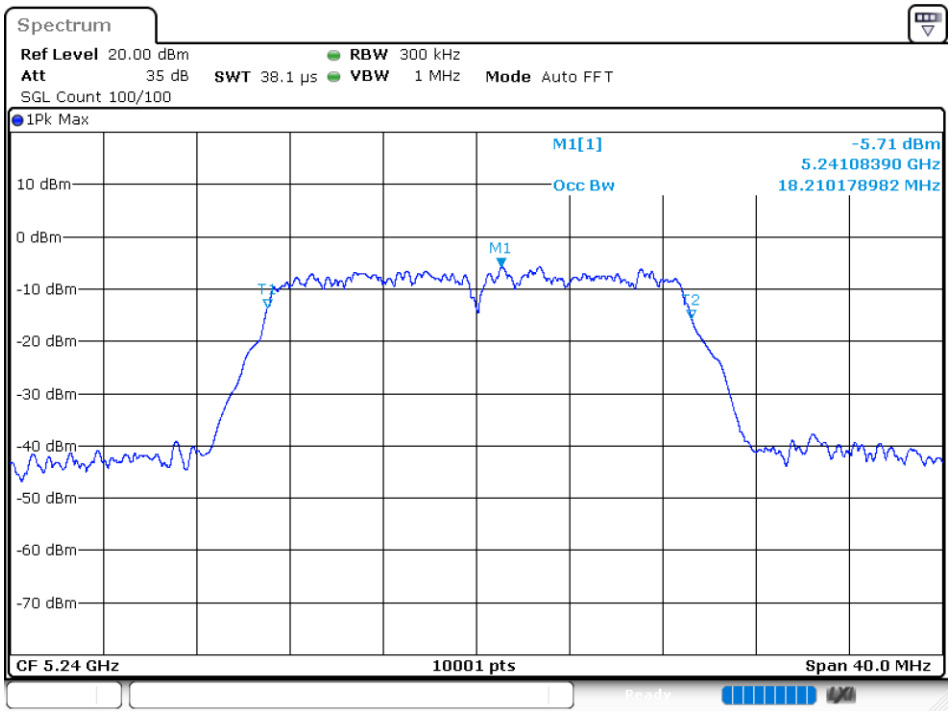
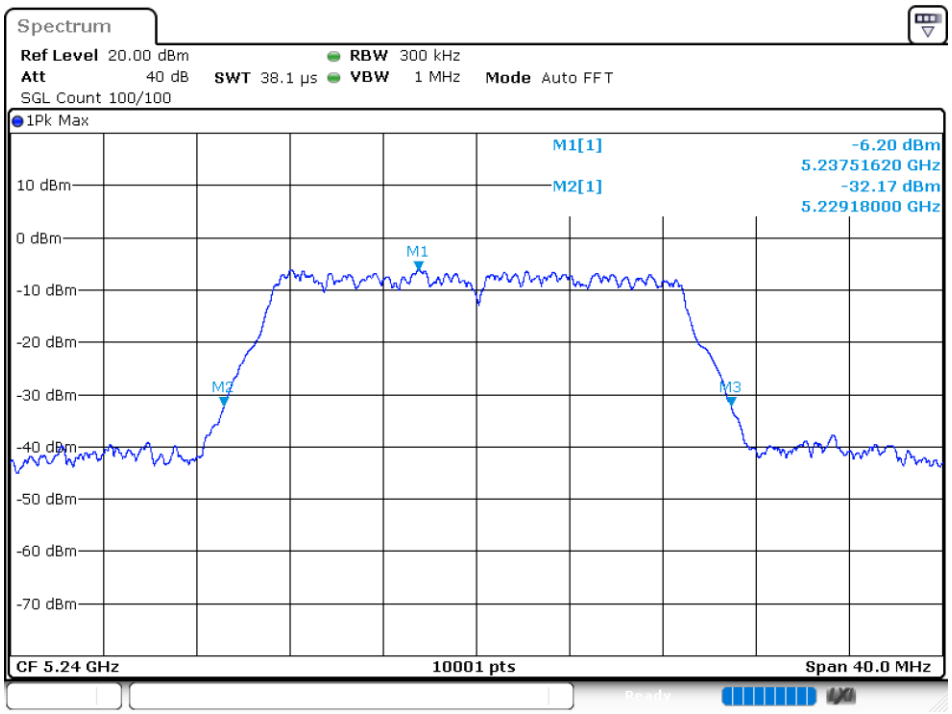


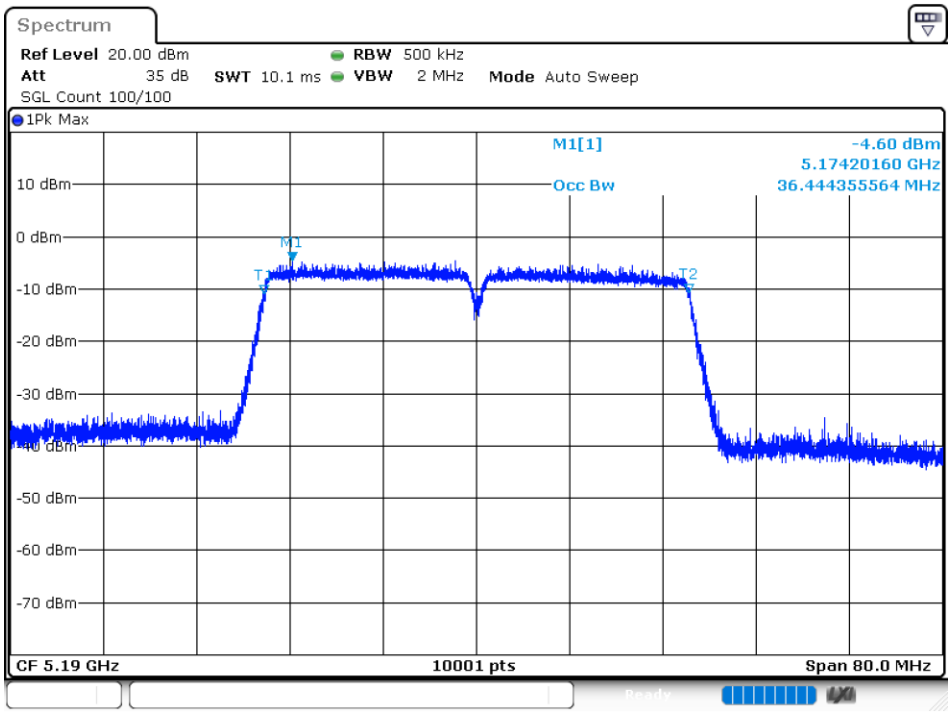
OBW NVNT 802.11ac20 5240MHz Ant1



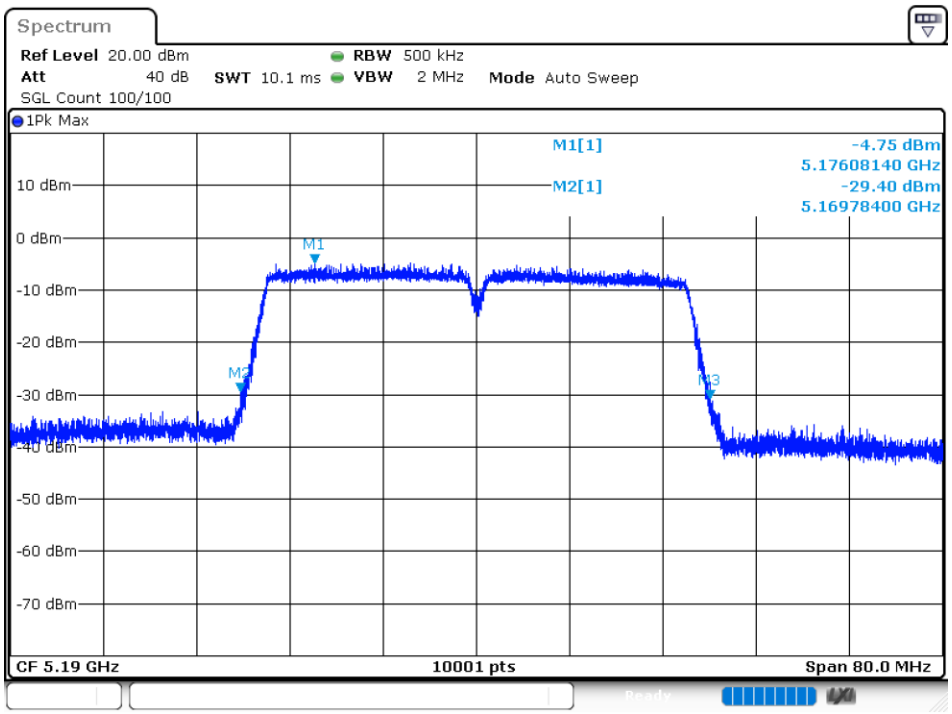
-26 dB BW NVNT 802.11ac20 5240MHz Ant1



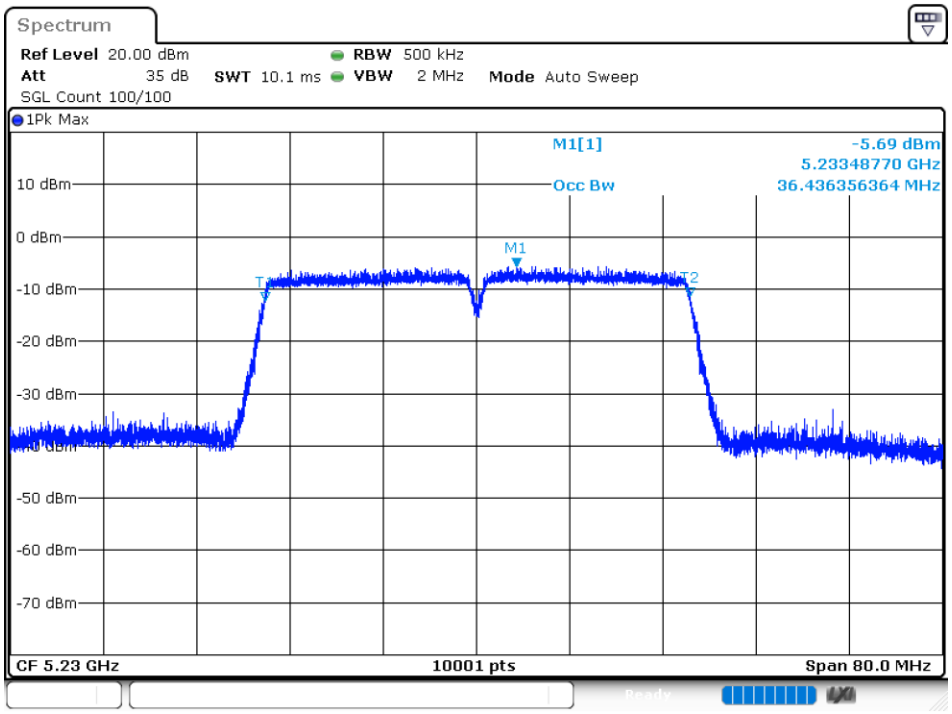
OBW NVNT 802.11ac40 5190MHz Ant1



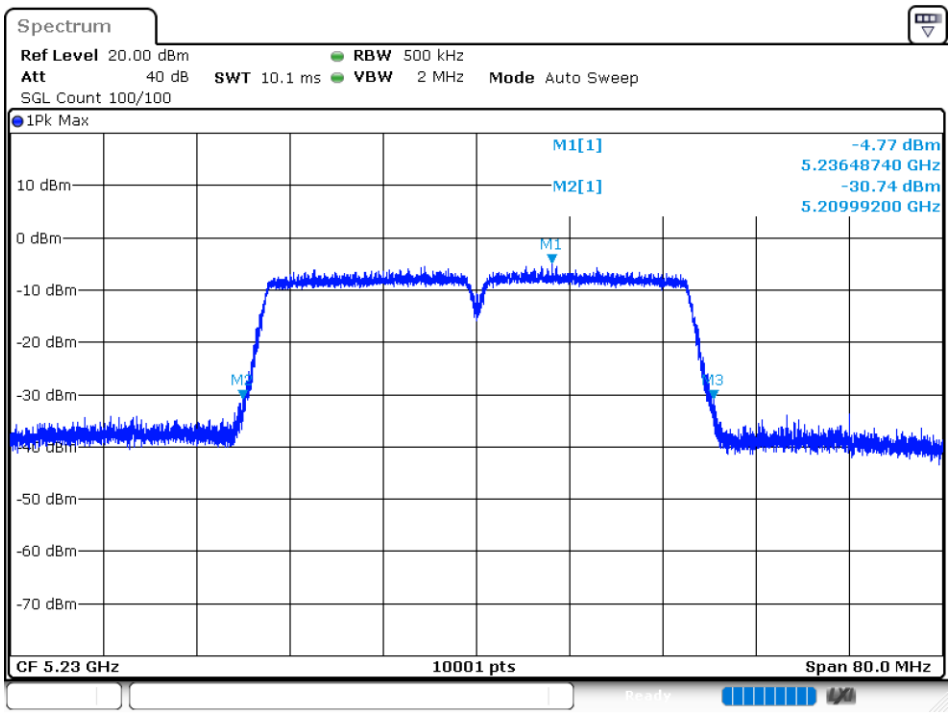
-26 dB BW NVNT 802.11ac40 5190MHz Ant1



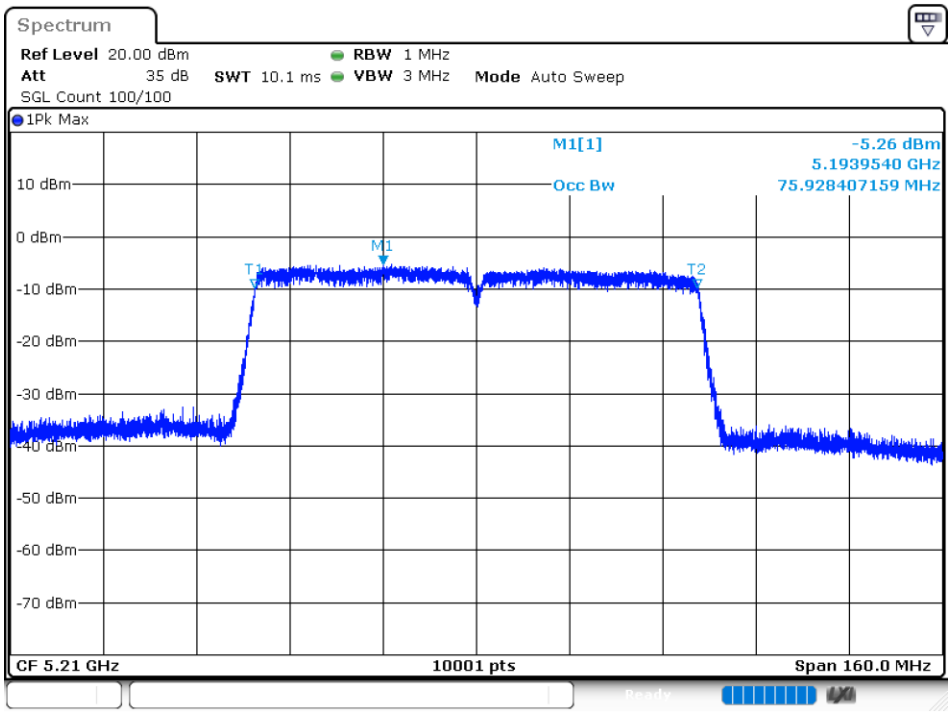
OBW NVNT 802.11ac40 5230MHz Ant1



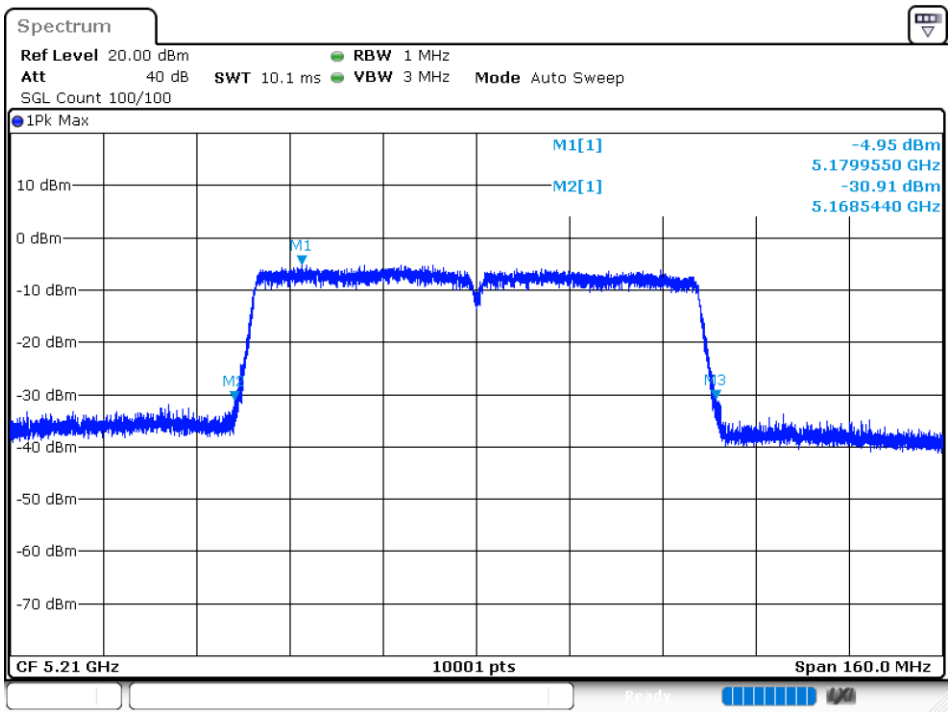
-26 dB BW NVNT 802.11ac40 5230MHz Ant1



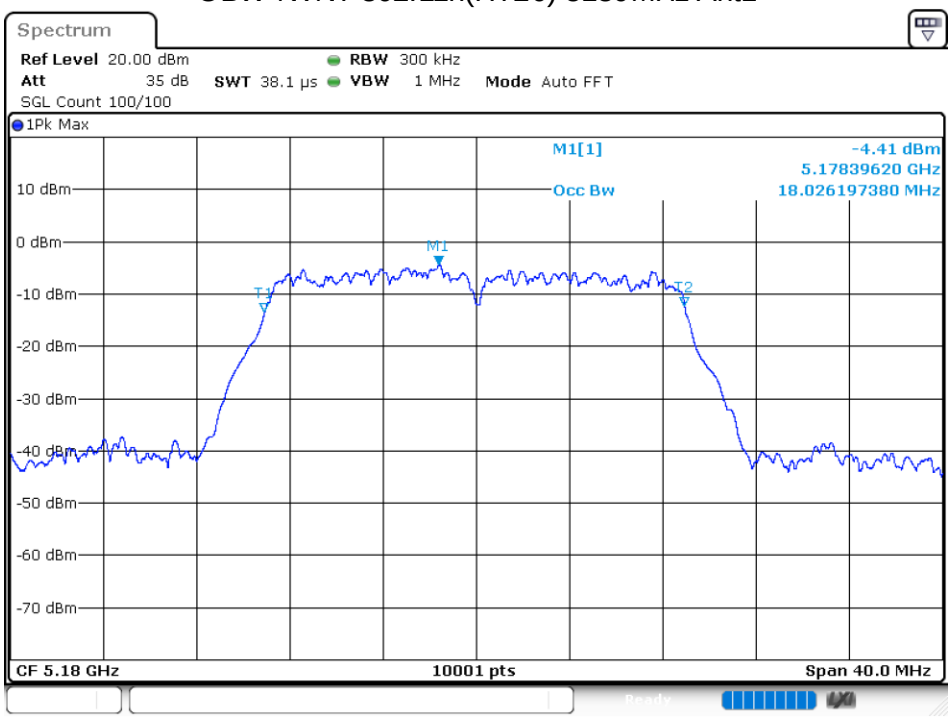
OBW NVNT 802.11ac80 5210MHz Ant1



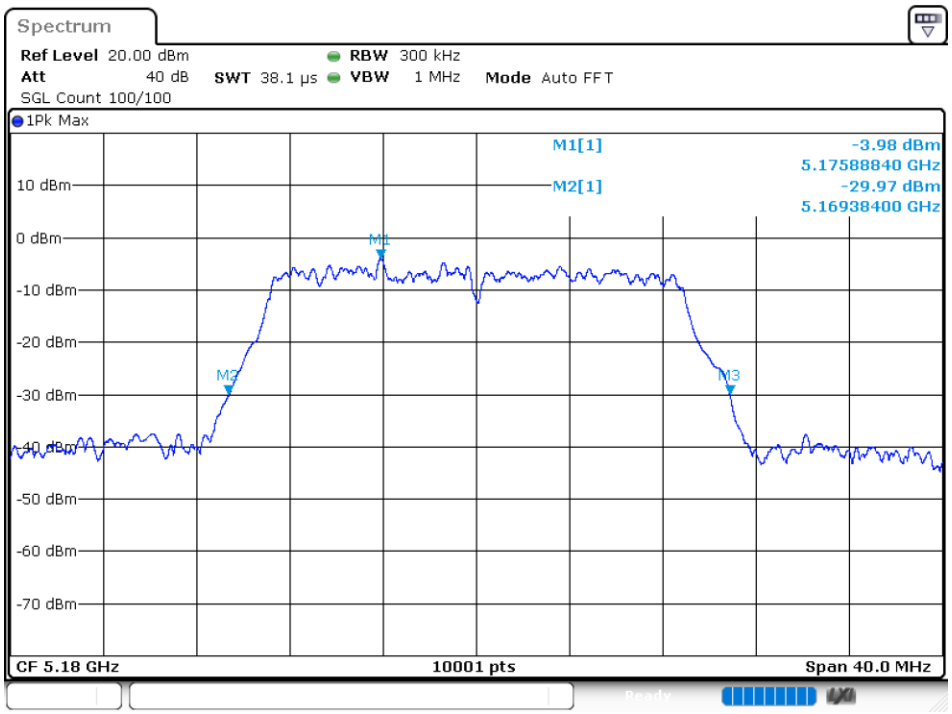
-26 dB BW NVNT 802.11ac80 5210MHz Ant1



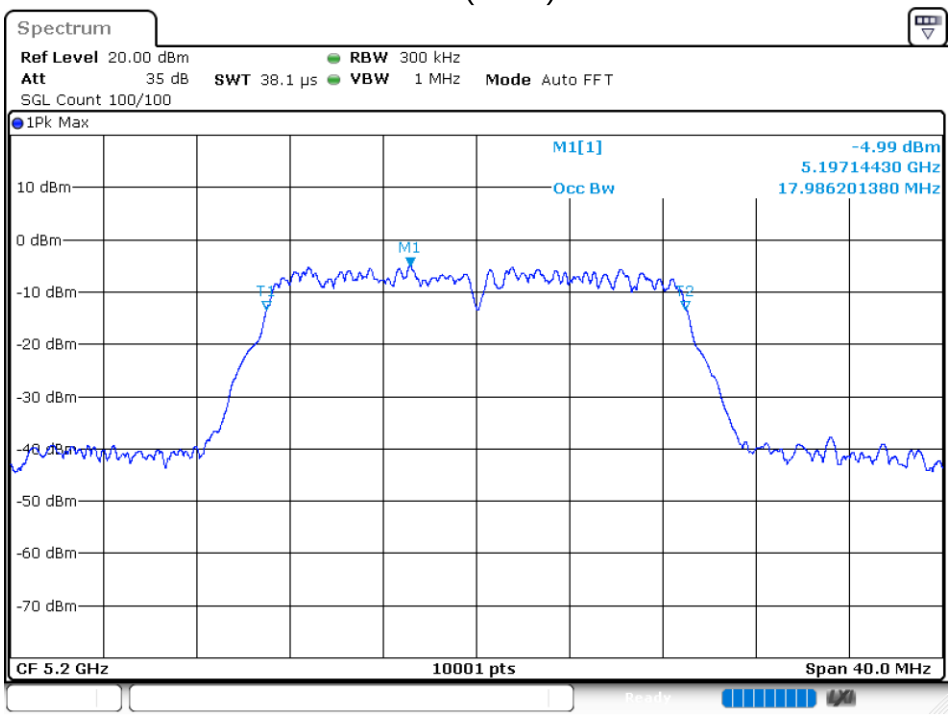
OBW NVNT 802.11n(HT20) 5180MHz Ant1



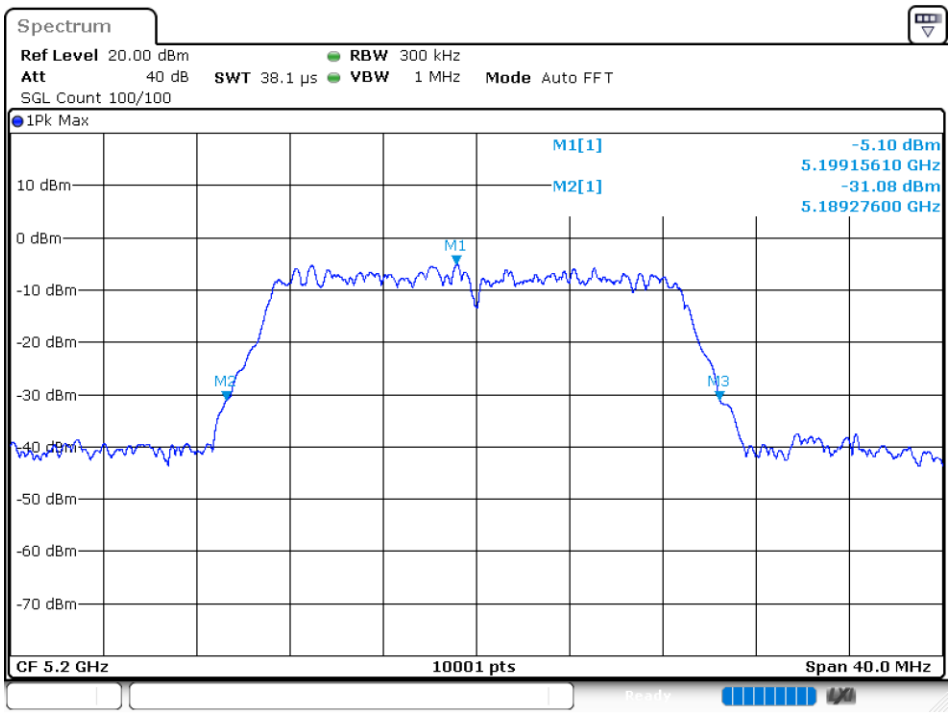
-26 dB BW NVNT 802.11n(HT20) 5180MHz Ant1



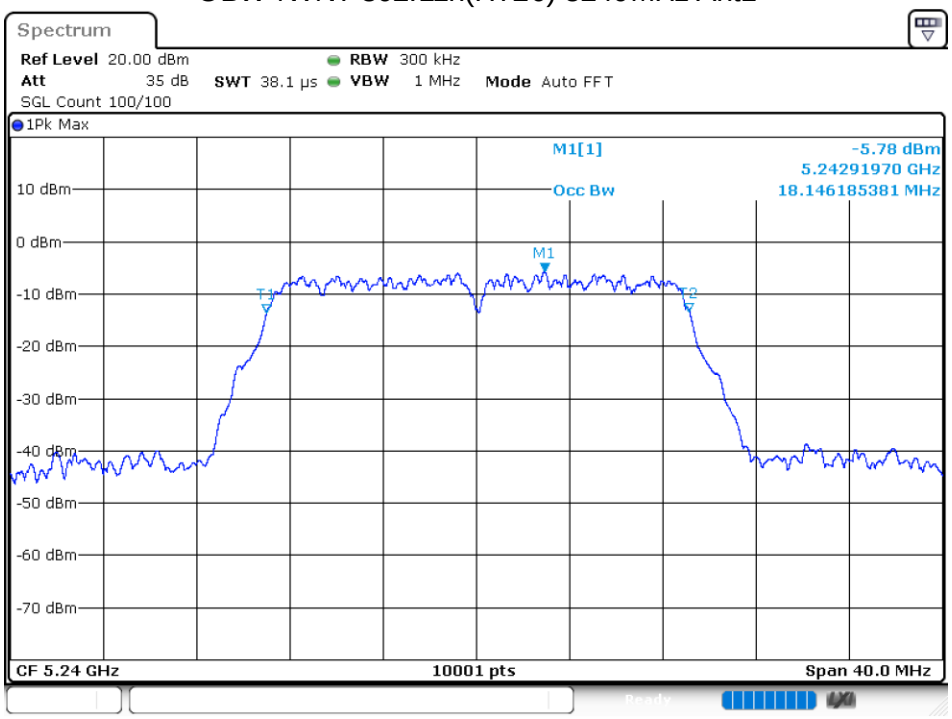
OBW NVNT 802.11n(HT20) 5200MHz Ant1



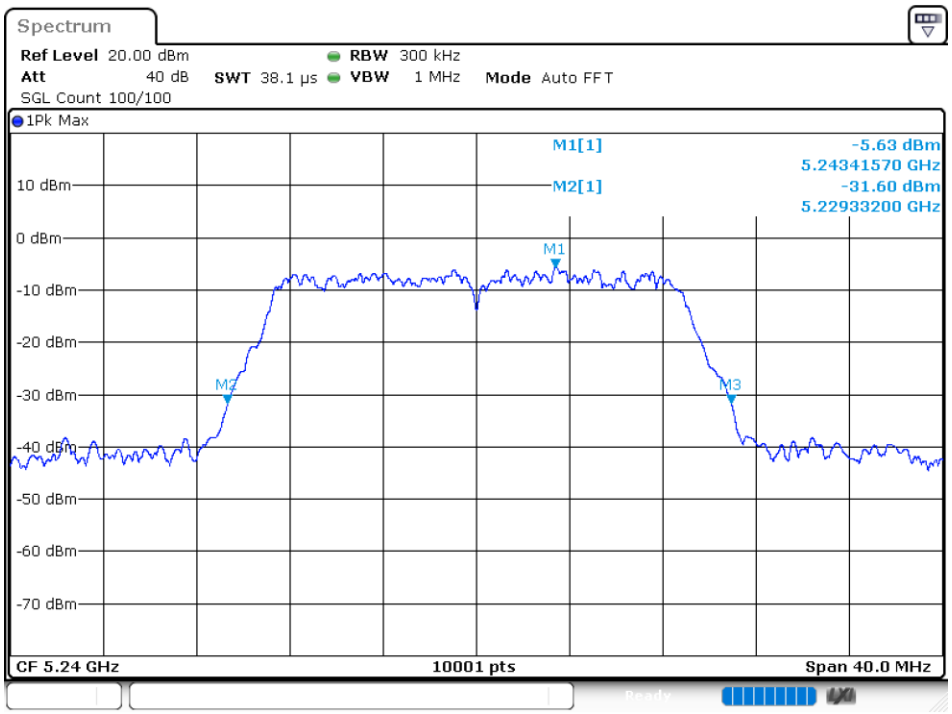
-26 dB BW NVNT 802.11n(HT20) 5200MHz Ant1



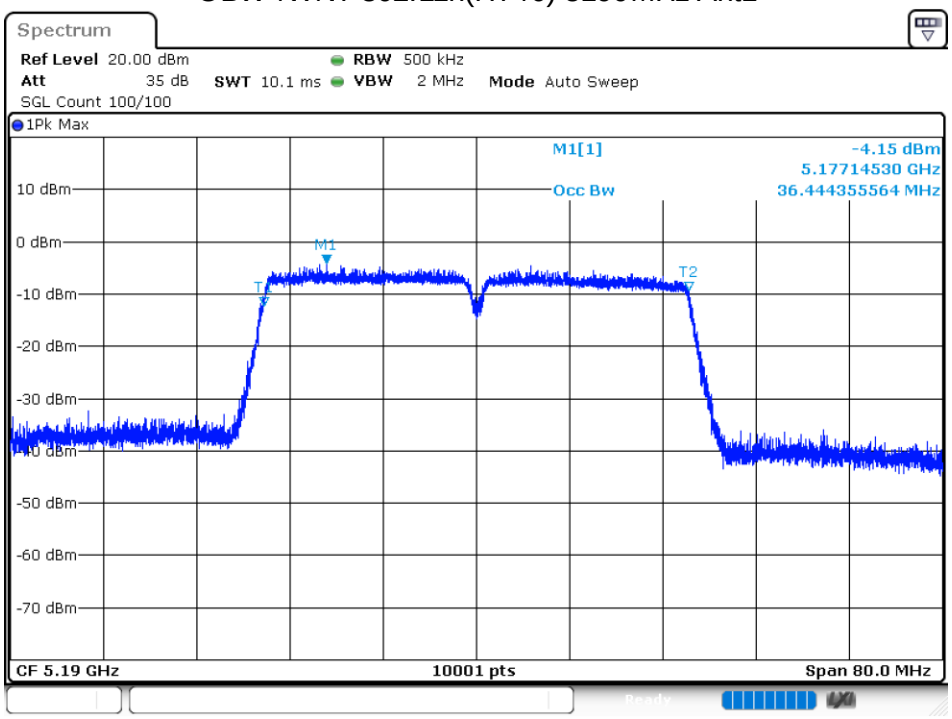
OBW NVNT 802.11n(HT20) 5240MHz Ant1



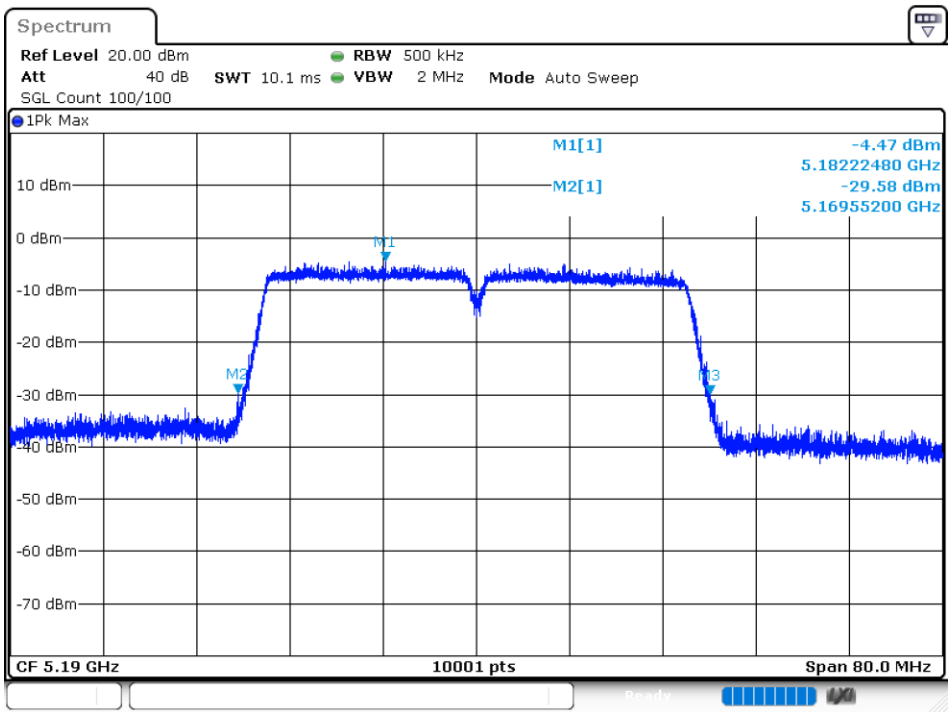
-26 dB BW NVNT 802.11n(HT20) 5240MHz Ant1



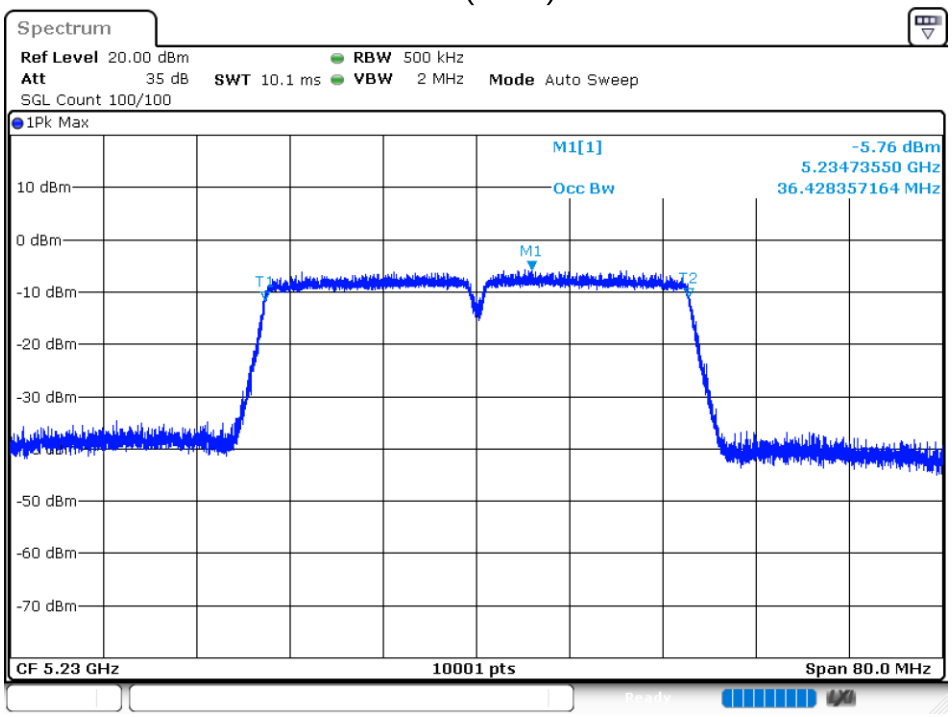
OBW NVNT 802.11n(HT40) 5190MHz Ant1



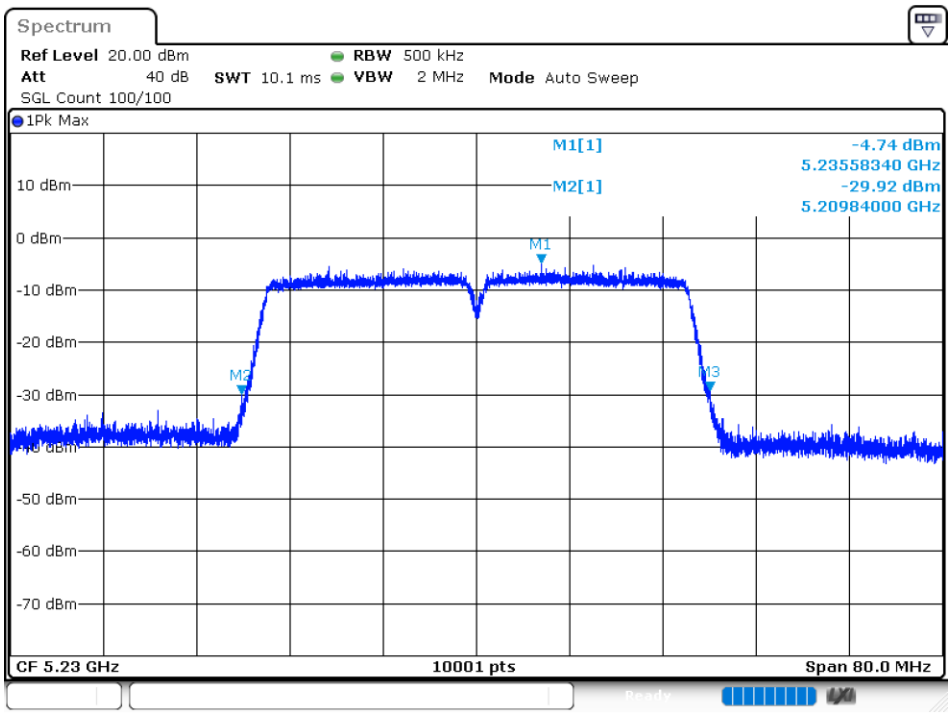
-26 dB BW NVNT 802.11n(HT40) 5190MHz Ant1



OBW NVNT 802.11n(HT40) 5230MHz Ant1



-26 dB BW NVNT 802.11n(HT40) 5230MHz Ant1


Spectrum
Ref Level 20.00 dBm
RBW 500 kHz
Att 40 dB
SWT 10.1 ms
VBW 2 MHz
Mode Auto Sweep
SGL Count 100/100
1Pk Max
M1[1]
-4.74 dBm
5.23558340 GHz
M2[1]
-29.92 dBm
5.20984000 GHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-50 dBm
-60 dBm
-70 dBm
M1
M2
M3
CF 5.23 GHz
10001 pts
Span 80.0 MHz

5.3G

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5260	Ant 1	16.7503	20.608	0	Pass
NVNT	802.11a	5280	Ant 1	16.7623	20.976	0	Pass
NVNT	802.11a	5320	Ant 1	16.7983	20.412	0	Pass
NVNT	802.11ac20	5260	Ant 1	18.1302	20.74	0	Pass
NVNT	802.11ac20	5280	Ant 1	17.7702	21.232	0	Pass
NVNT	802.11ac20	5320	Ant 1	18.2582	20.864	0	Pass
NVNT	802.11ac40	5270	Ant 1	36.2364	38.696	0	Pass
NVNT	802.11ac40	5310	Ant 1	36.2844	38.632	0	Pass
NVNT	802.11ac80	5290	Ant 1	75.7684	78.976	0	Pass
NVNT	802.11n(HT20)	5260	Ant 1	18.0182	21.196	0	Pass
NVNT	802.11n(HT20)	5280	Ant 1	17.9062	21.172	0	Pass
NVNT	802.11n(HT20)	5320	Ant 1	18.1262	20.692	0	Pass
NVNT	802.11n(HT40)	5270	Ant 1	36.2204	38.856	0	Pass
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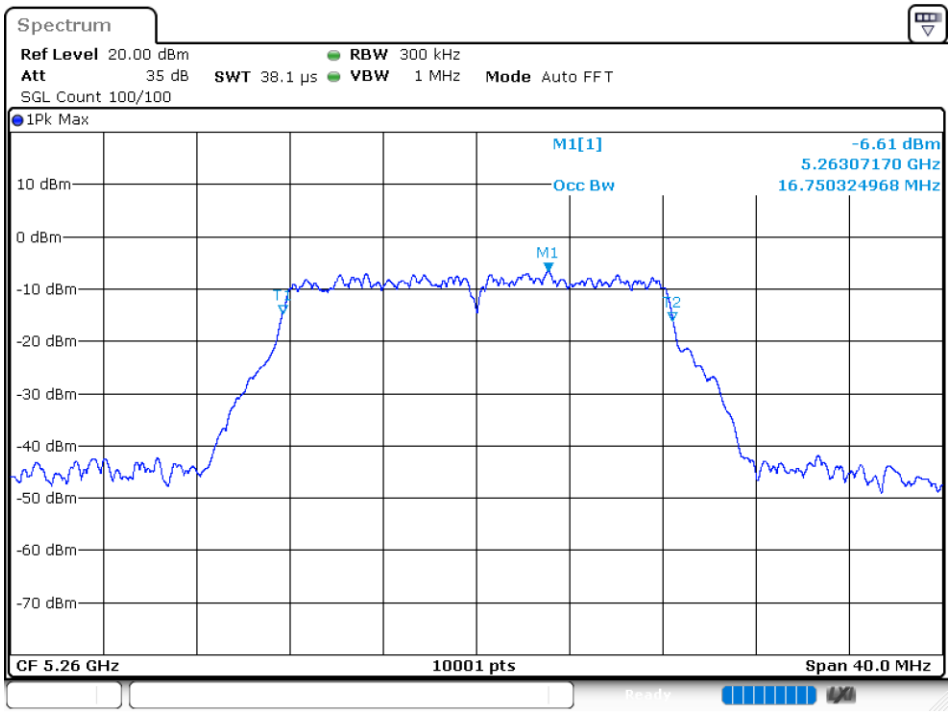
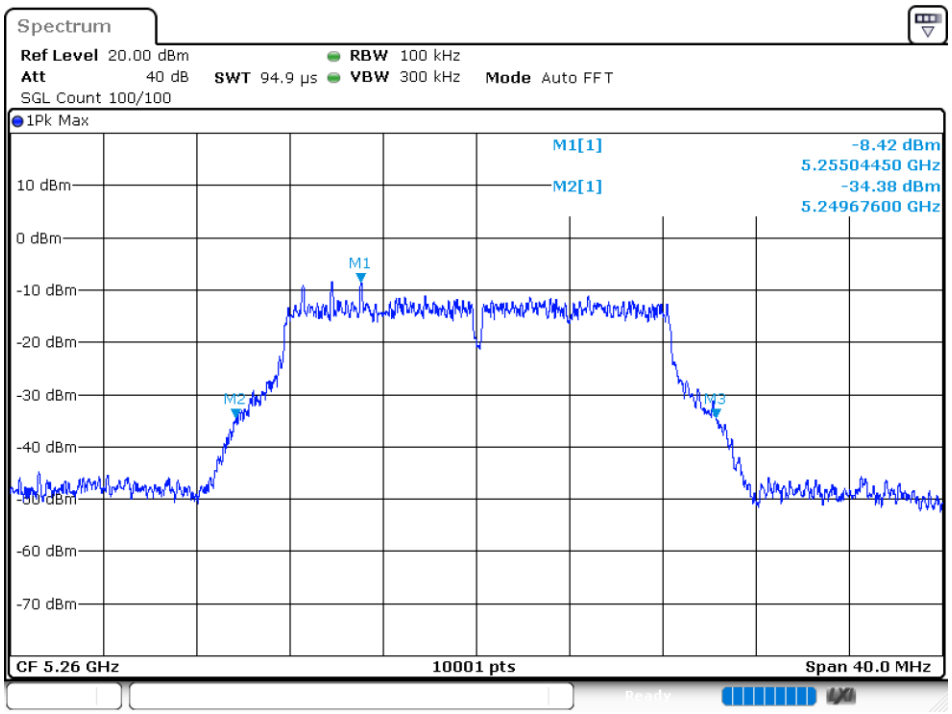
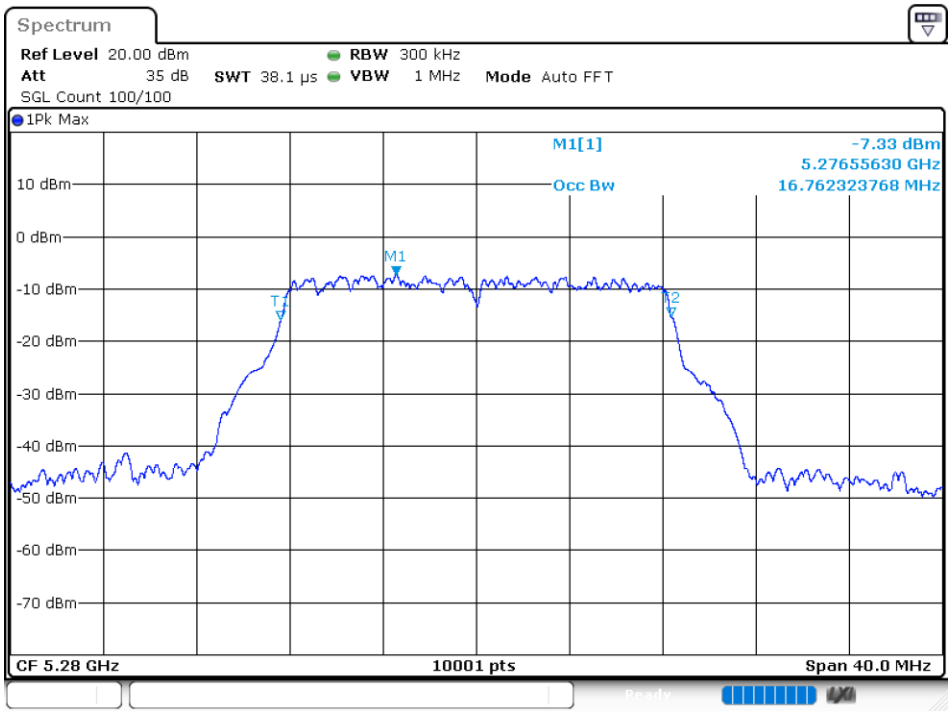
OBW NVNT 802.11a 5260MHz Ant1



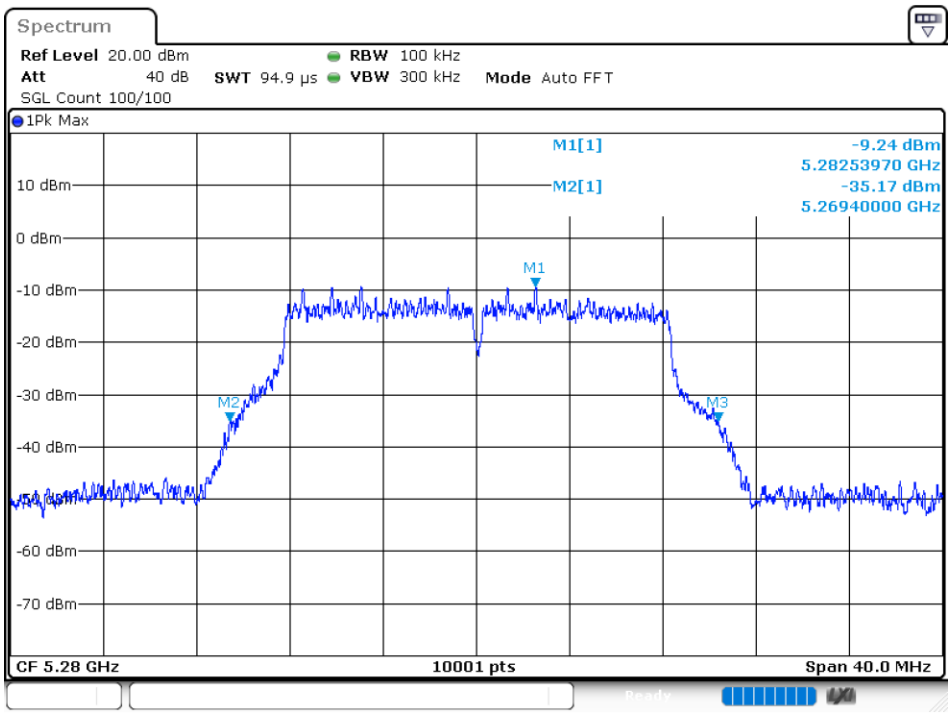
-26 dB BW NVNT 802.11a 5260MHz Ant1



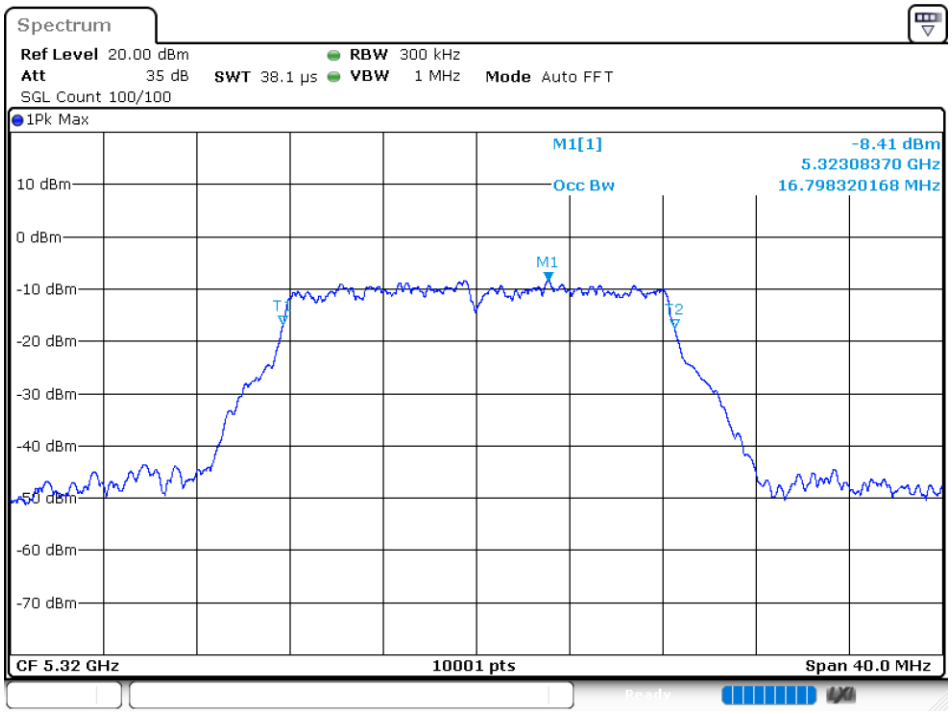
OBW NVNT 802.11a 5280MHz Ant1



-26 dB BW NVNT 802.11a 5280MHz Ant1



OBW NVNT 802.11a 5320MHz Ant1



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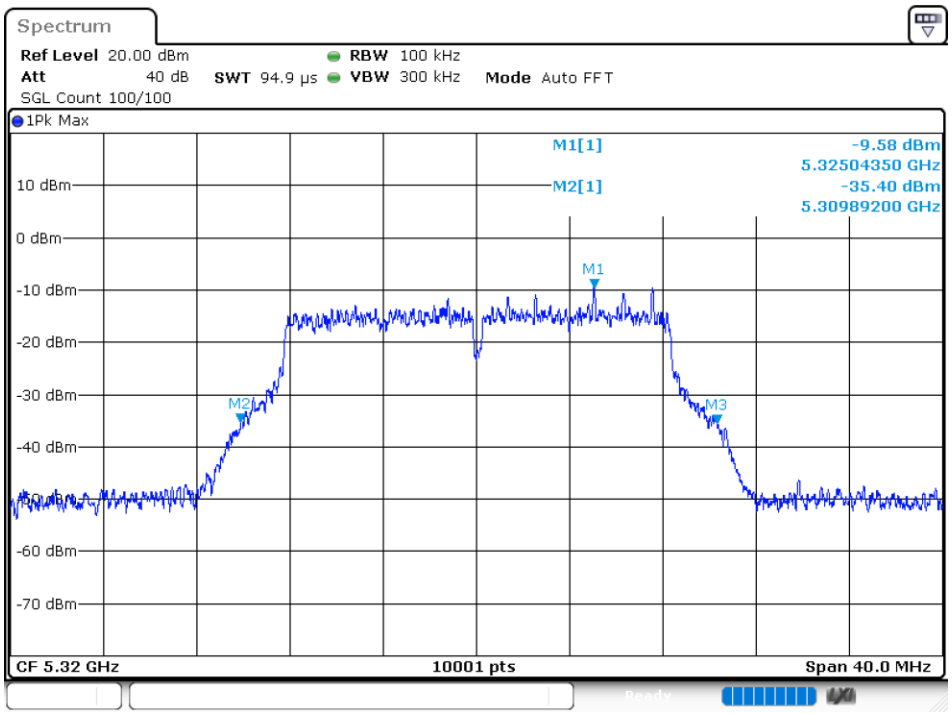
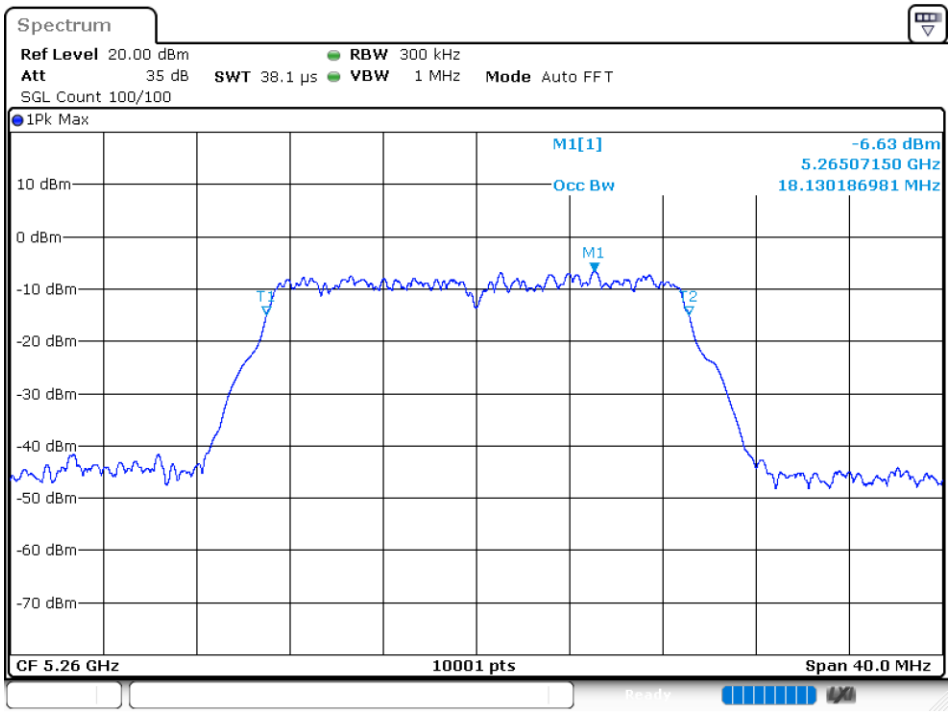
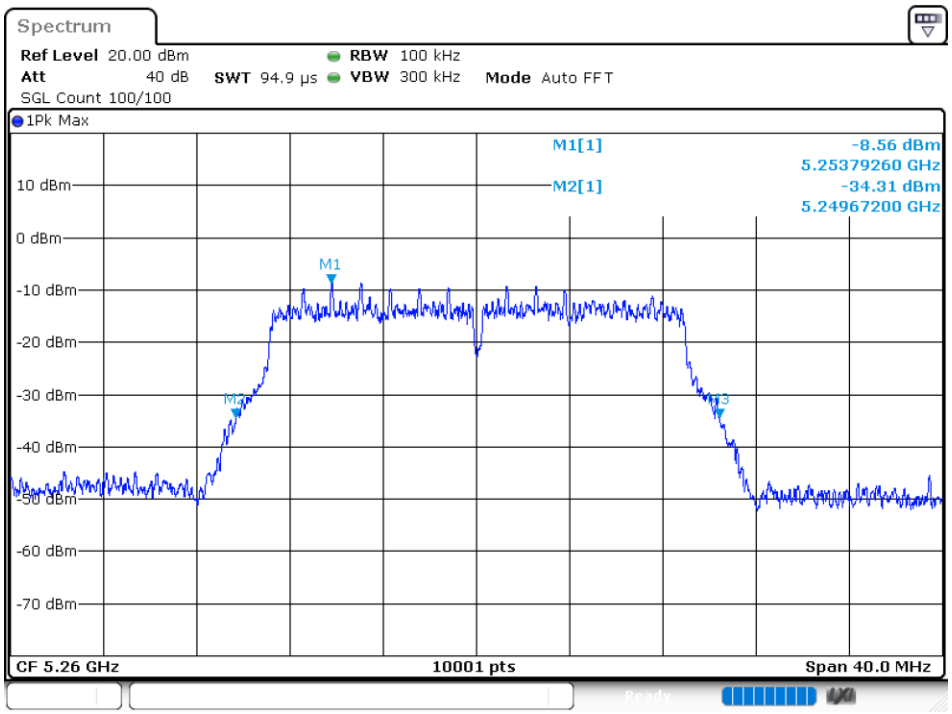


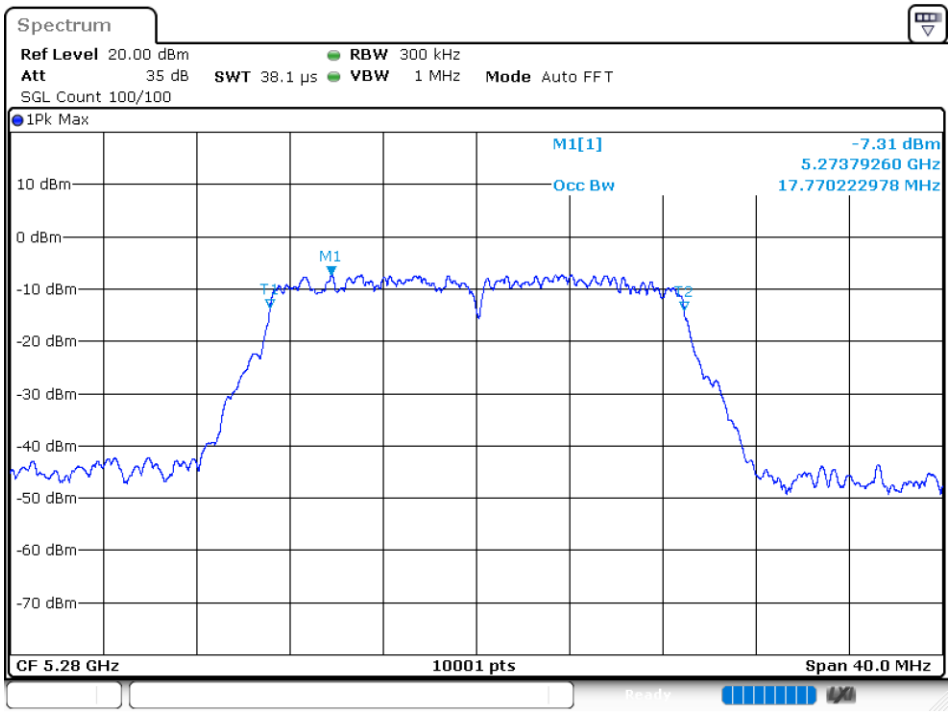
OBW NVNT 802.11ac20 5260MHz Ant1



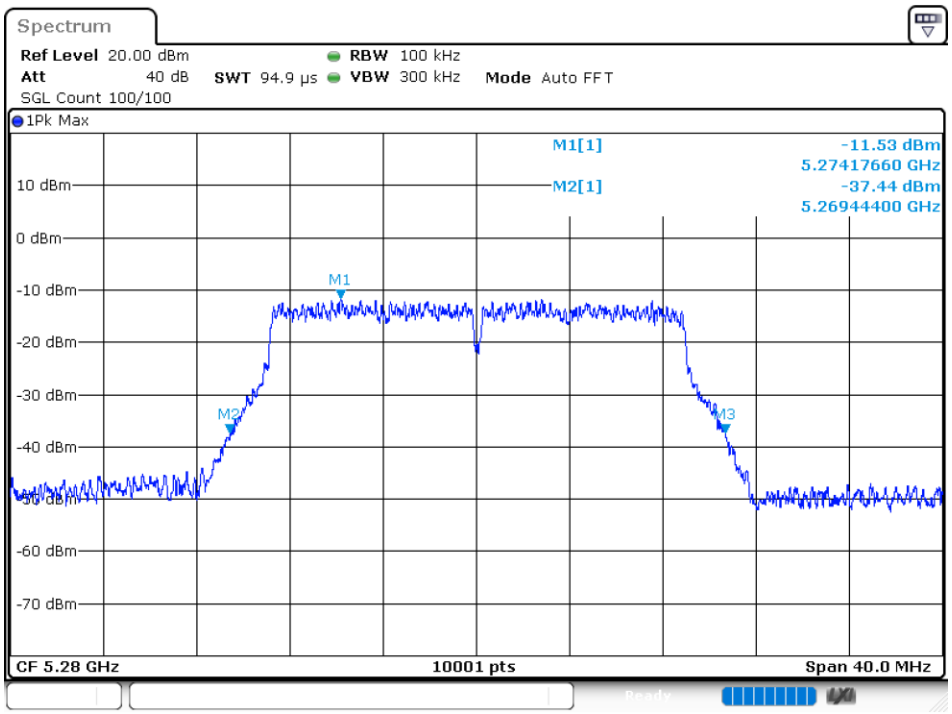
-26 dB BW NVNT 802.11ac20 5260MHz Ant1



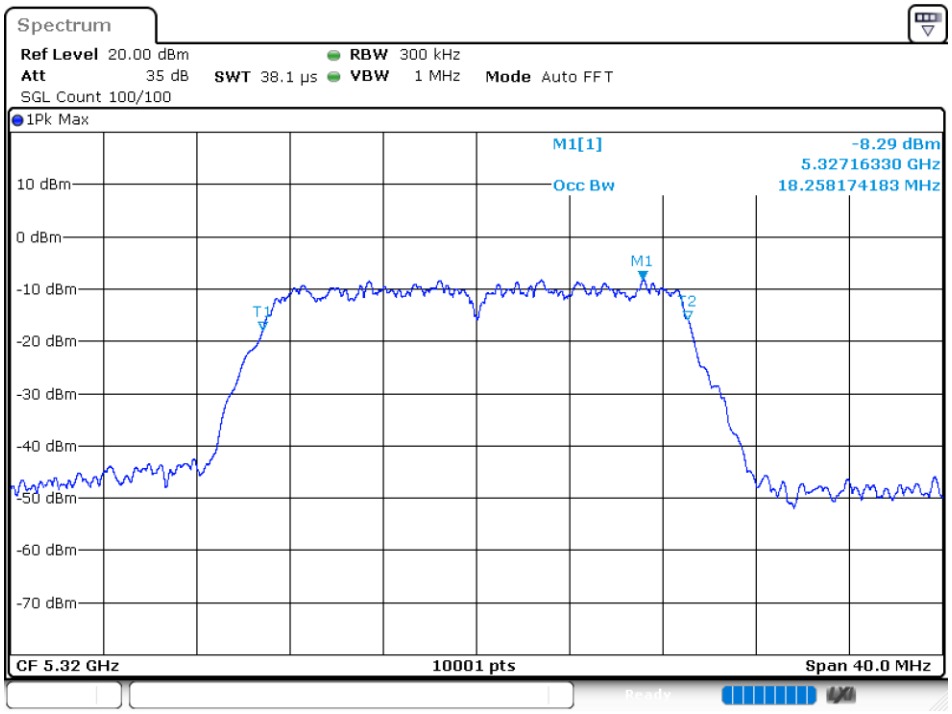
OBW NVNT 802.11ac20 5280MHz Ant1



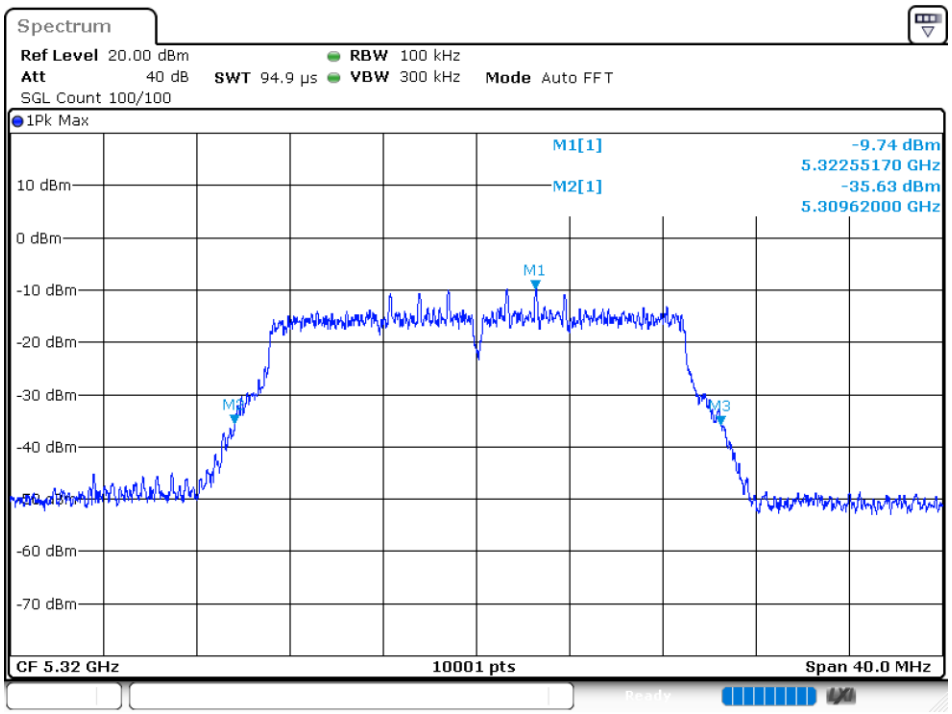
-26 dB BW NVNT 802.11ac20 5280MHz Ant1



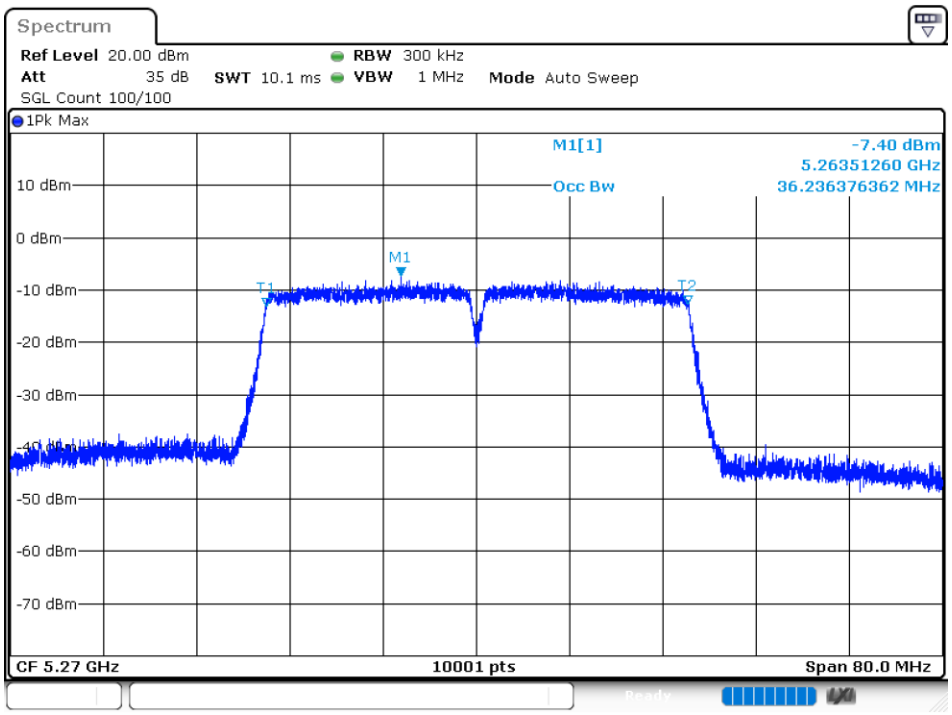
OBW NVNT 802.11ac20 5320MHz Ant1



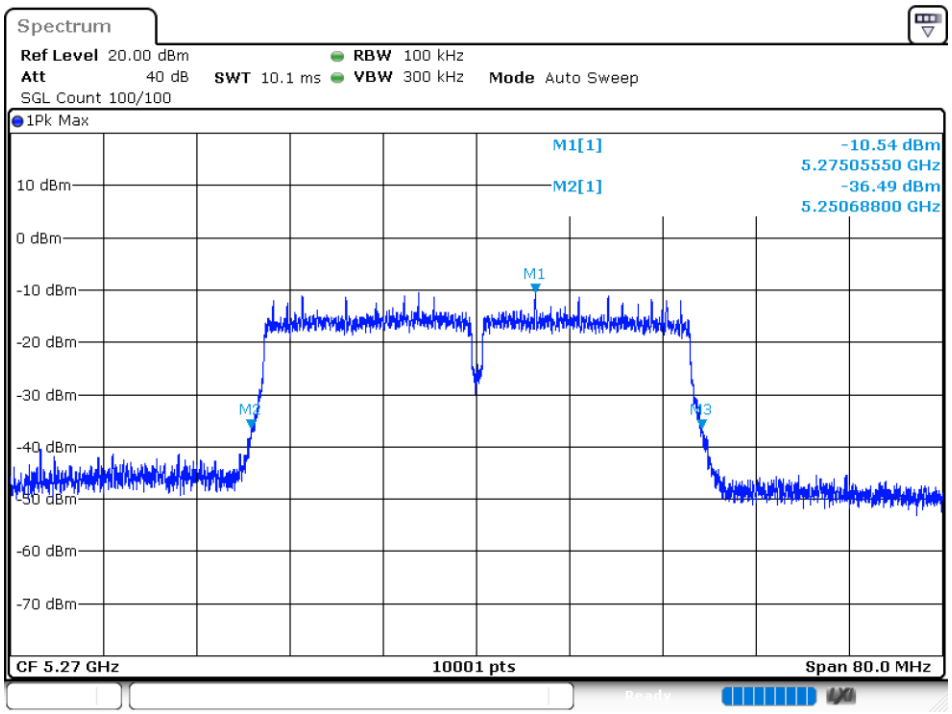
-26 dB BW NVNT 802.11ac20 5320MHz Ant1



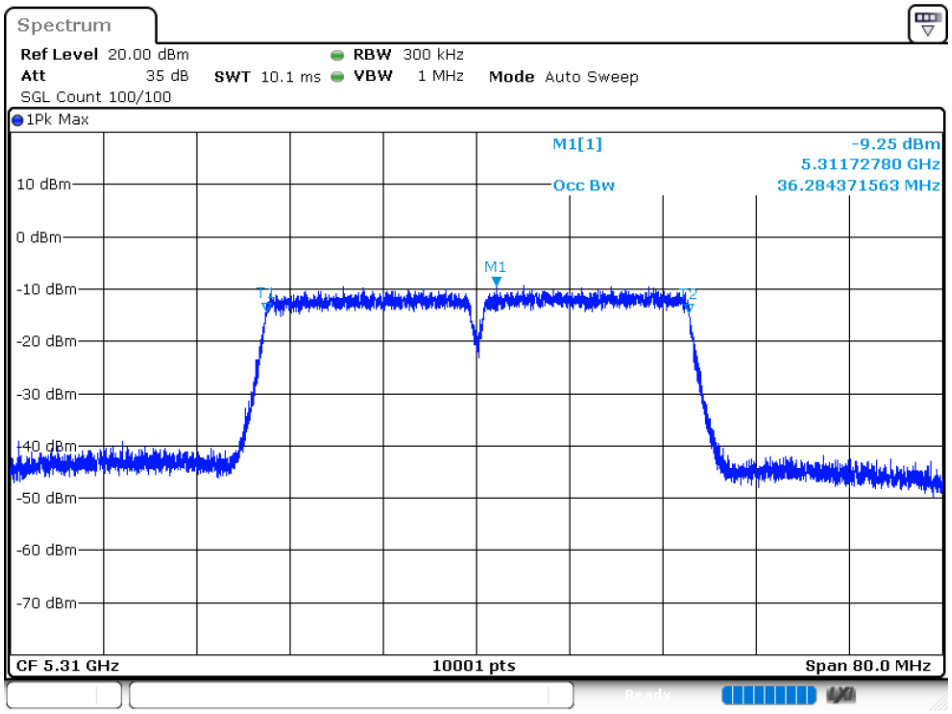
OBW NVNT 802.11ac40 5270MHz Ant1



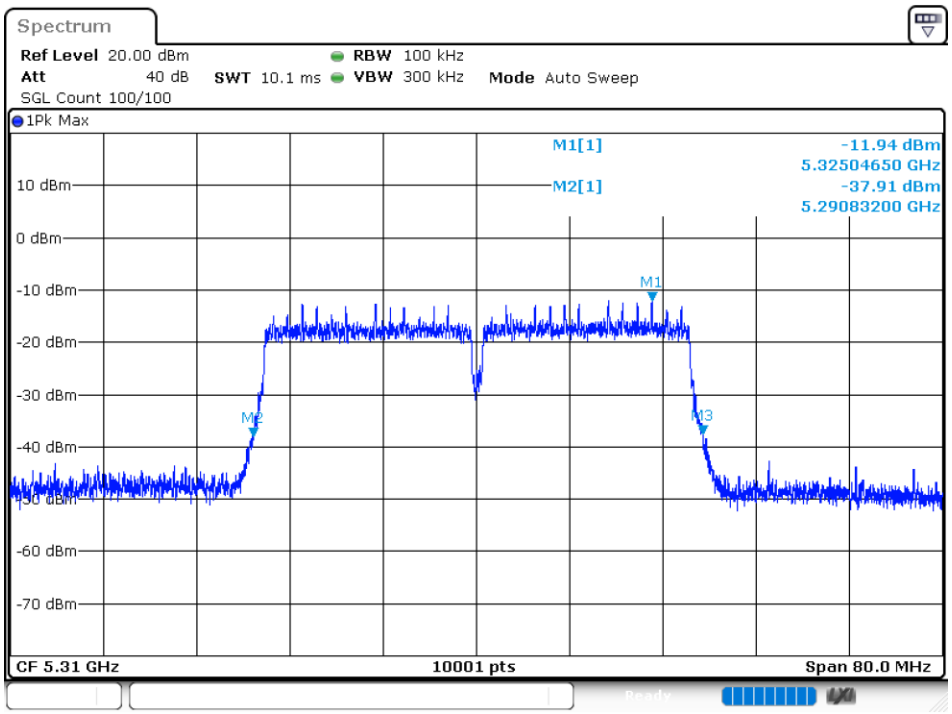
-26 dB BW NVNT 802.11ac40 5270MHz Ant1



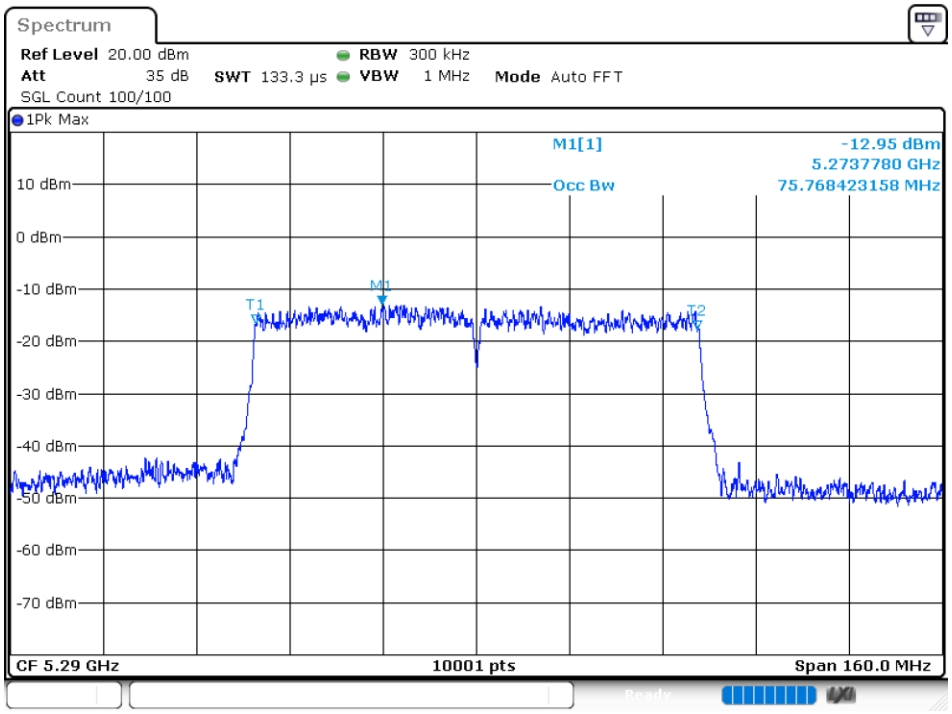
OBW NVNT 802.11ac40 5310MHz Ant1



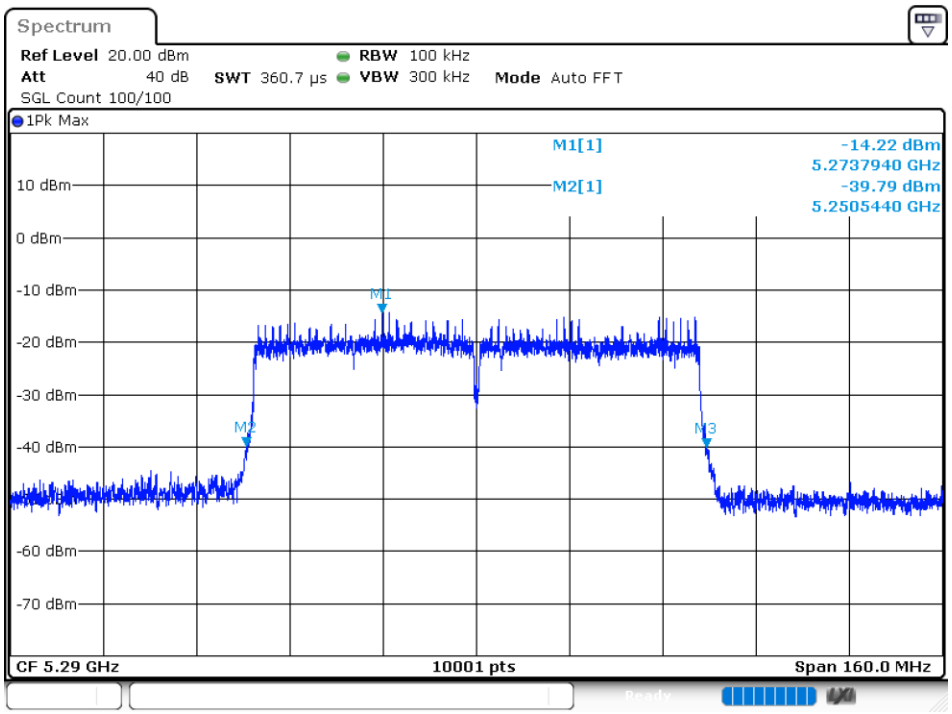
-26 dB BW NVNT 802.11ac40 5310MHz Ant1



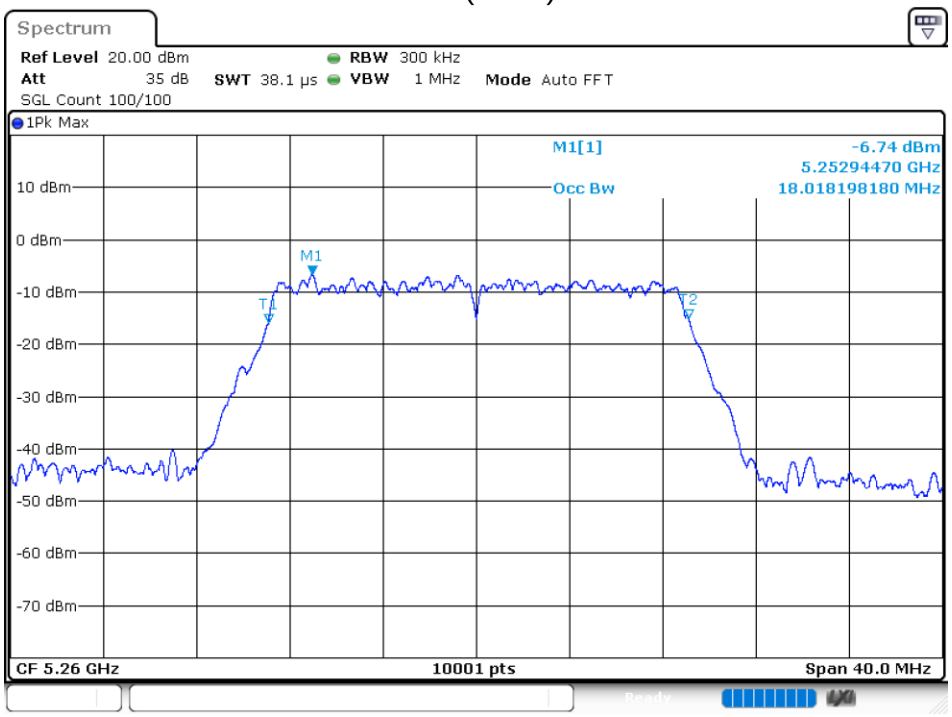
OBW NVNT 802.11ac80 5290MHz Ant1



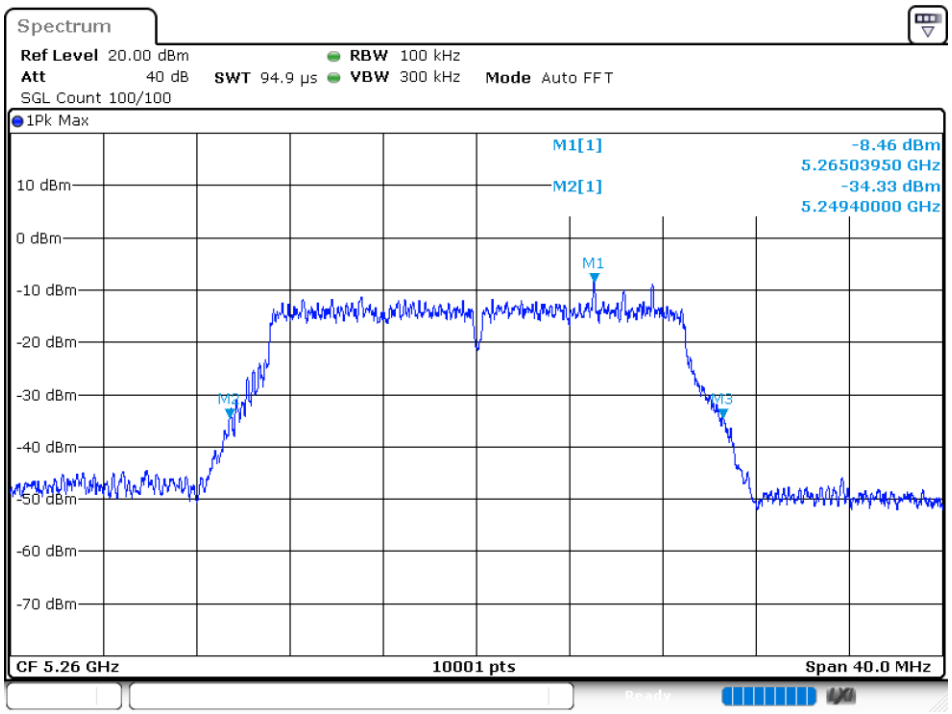
-26 dB BW NVNT 802.11ac80 5290MHz Ant1



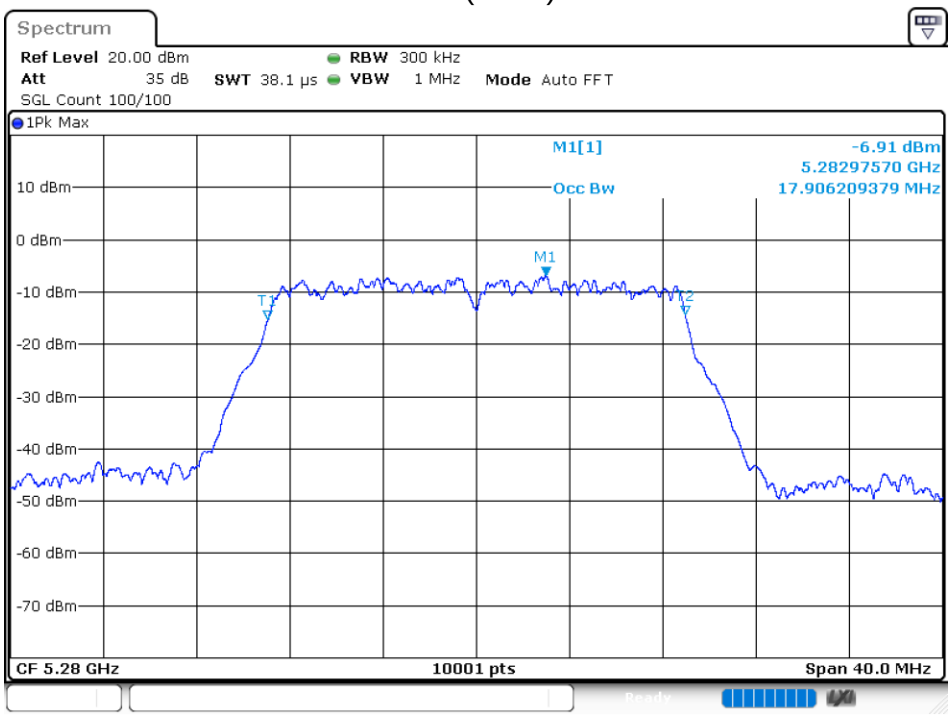
OBW NVNT 802.11n(HT20) 5260MHz Ant1



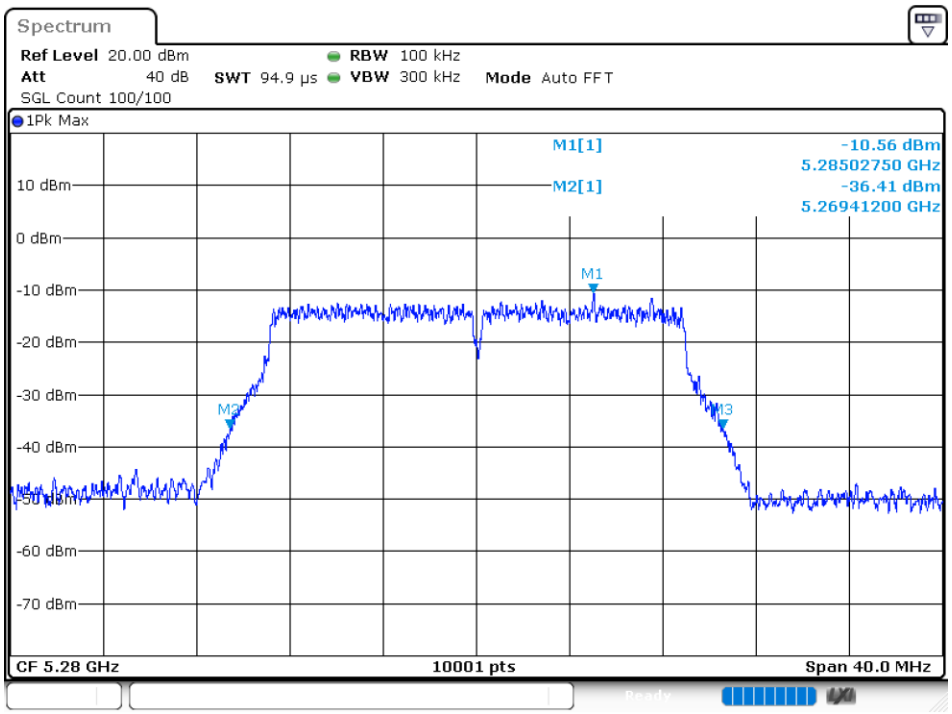
-26 dB BW NVNT 802.11n(HT20) 5260MHz Ant1



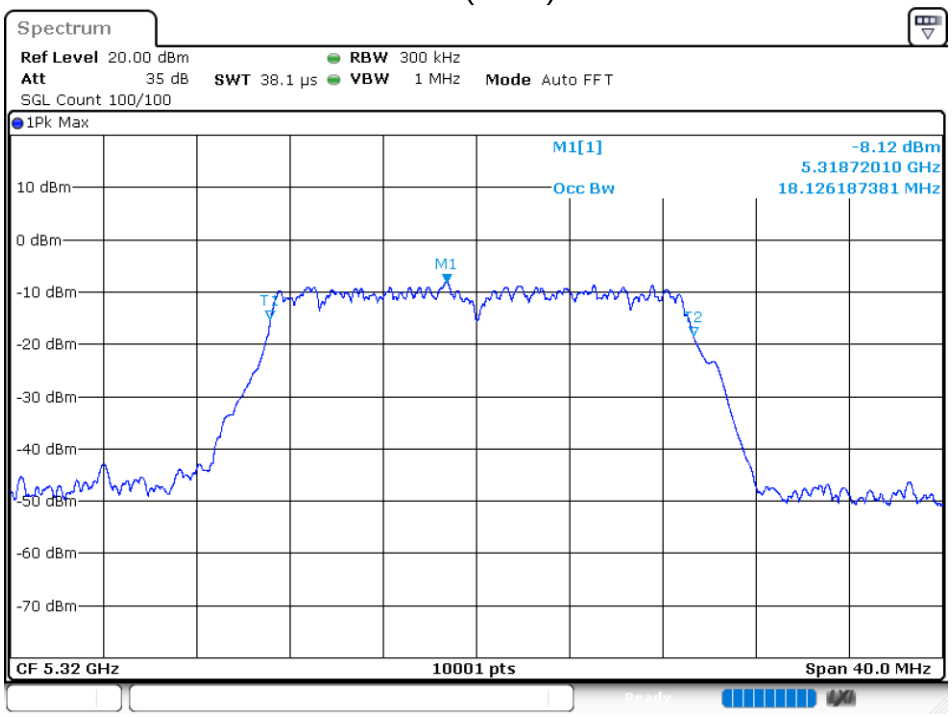
OBW NVNT 802.11n(HT20) 5280MHz Ant1



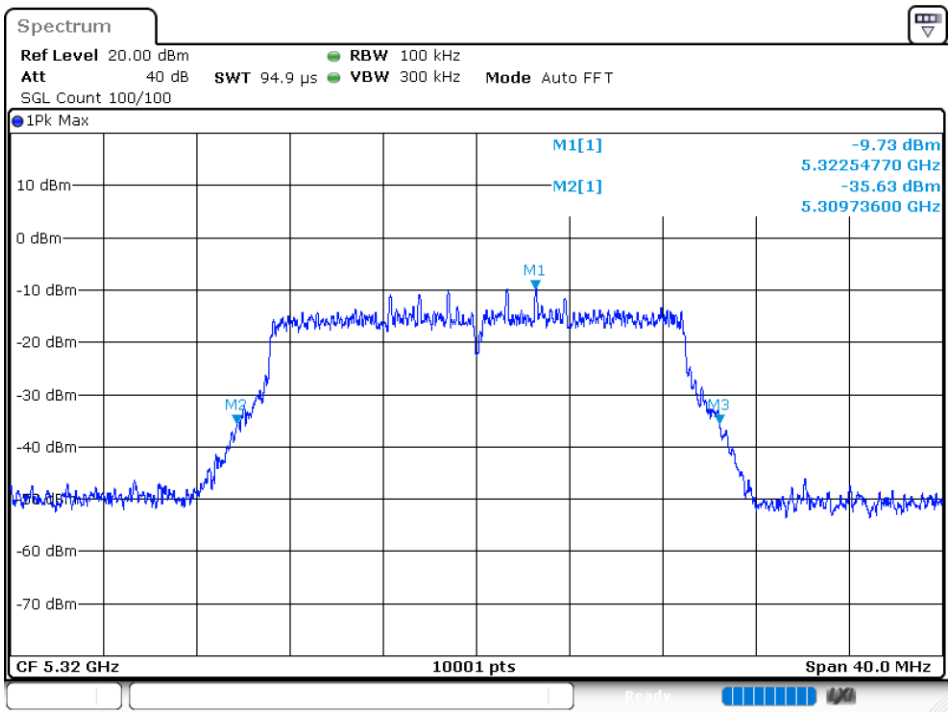
-26 dB BW NVNT 802.11n(HT20) 5280MHz Ant1



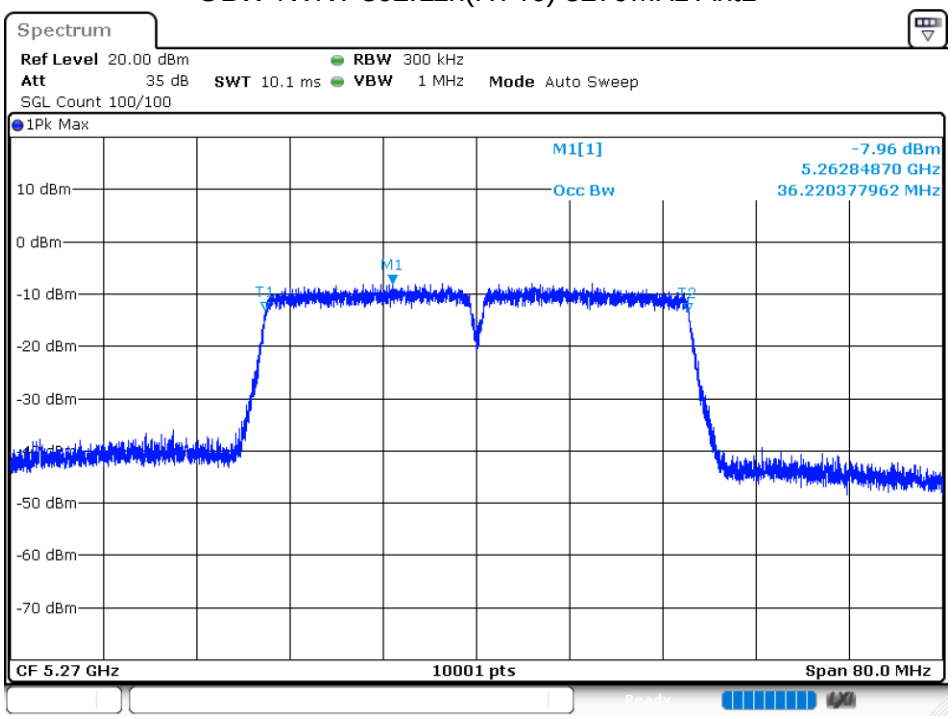
OBW NVNT 802.11n(HT20) 5320MHz Ant1



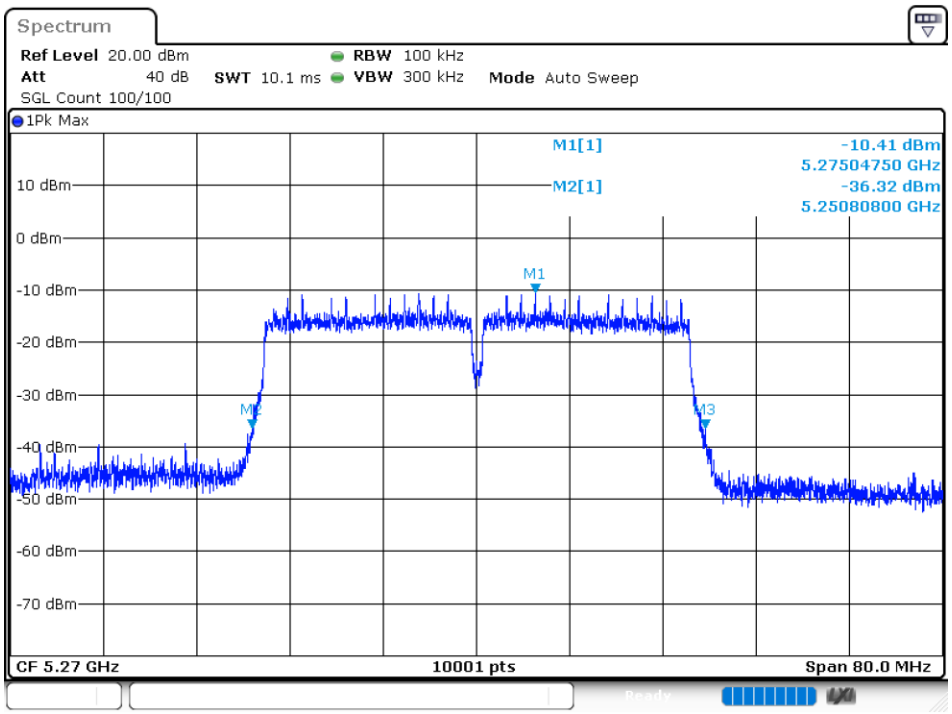
-26 dB BW NVNT 802.11n(HT20) 5320MHz Ant1



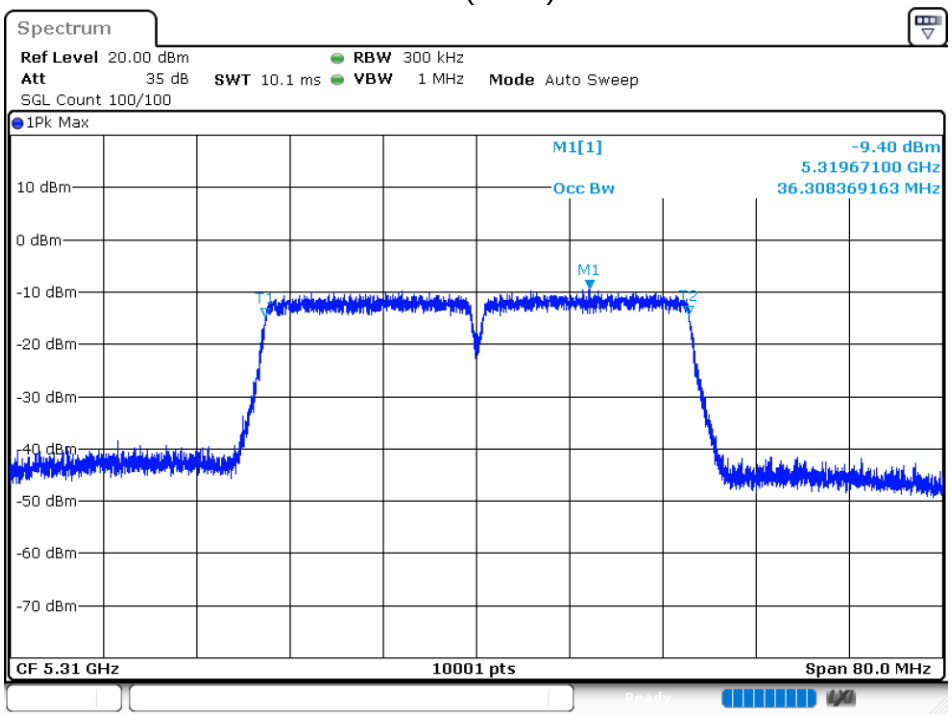
OBW NVNT 802.11n(HT40) 5270MHz Ant1



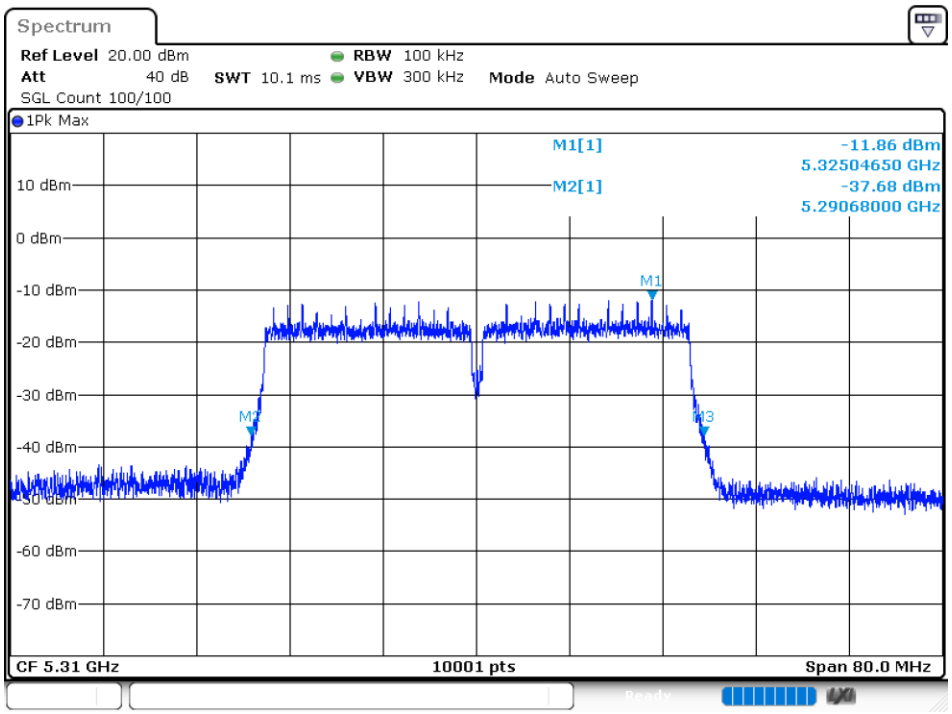
-26 dB BW NVNT 802.11n(HT40) 5270MHz Ant1



OBW NVNT 802.11n(HT40) 5310MHz Ant1



-26 dB BW NVNT 802.11n(HT40) 5310MHz Ant1


Spectrum
Ref Level 20.00 dBm
RBW 100 kHz
Att 40 dB
SWT 10.1 ms
VBW 300 kHz
Mode Auto Sweep
SGL Count 100/100
1Pk Max
M1[1]
-11.86 dBm
5.32504650 GHz
M2[1]
-37.68 dBm
5.29068000 GHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
M1
M2
M3
CF 5.31 GHz
10001 pts
Span 80.0 MHz