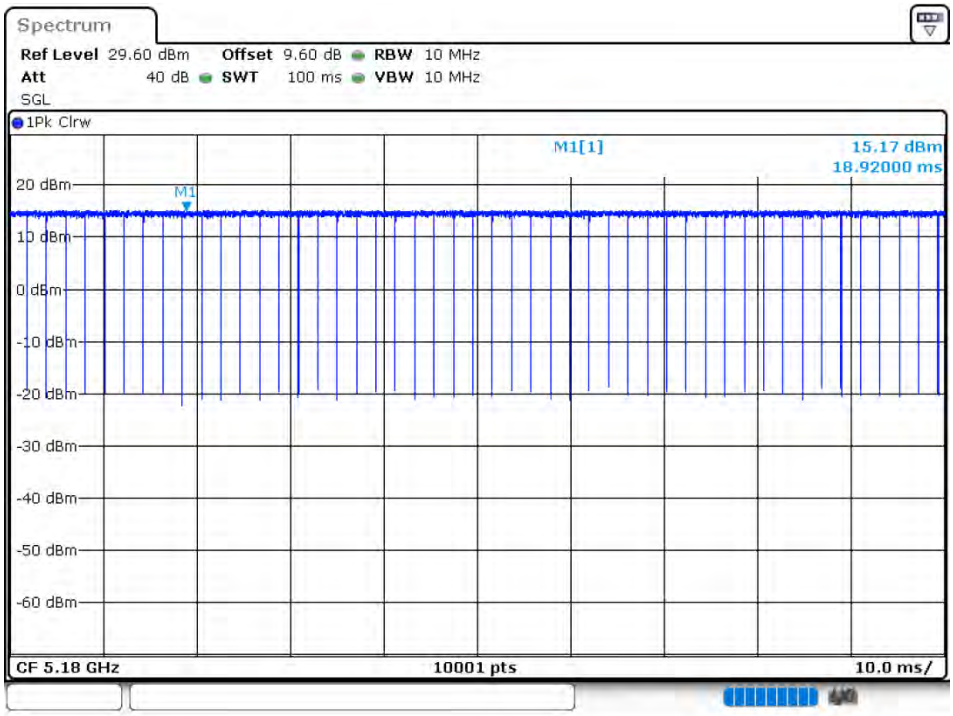
5.2G:

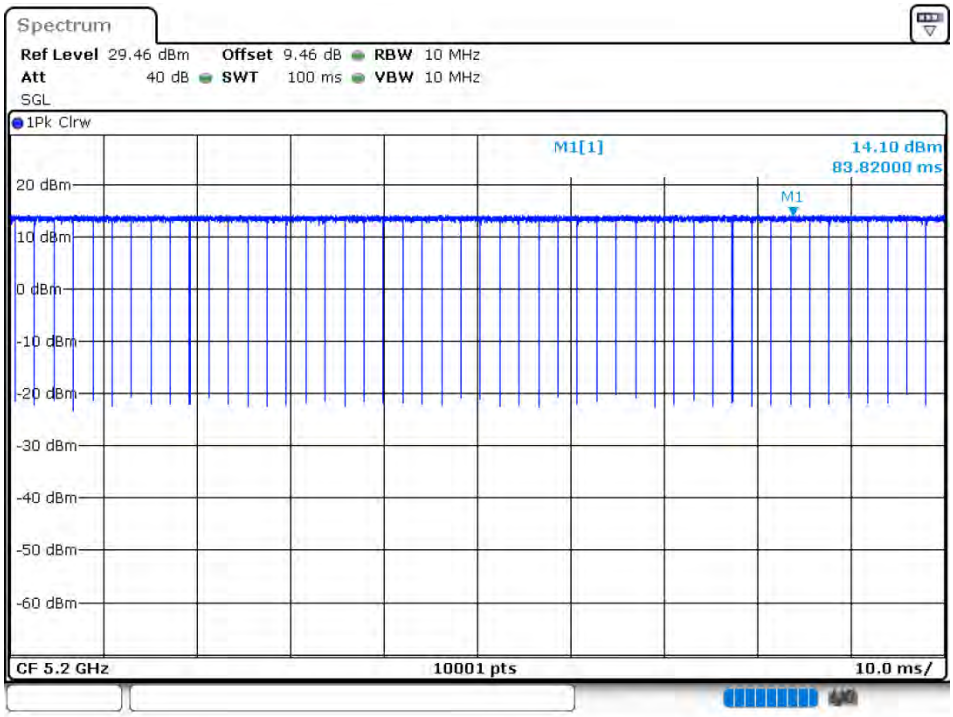
Duty Cycle

Antenna	Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
Ant 1	NVNT	802.11a	5180	99.23	0.03
Ant 1	NVNT	802.11a	5200	99.28	0.03
Ant 1	NVNT	802.11a	5240	99.28	0.03
Ant 2	NVNT	802.11a	5180	99.28	0.03
Ant 2	NVNT	802.11a	5200	99.28	0.03
Ant 2	NVNT	802.11a	5240	99.28	0.03
Ant 1	NVNT	802.11ac20	5180	99.12	0.04
Ant 1	NVNT	802.11ac20	5200	99.11	0.04
Ant 1	NVNT	802.11ac20	5240	99.12	0.04
Ant 2	NVNT	802.11ac20	5180	99.12	0.04
Ant 2	NVNT	802.11ac20	5200	99.1	0.04
Ant 2	NVNT	802.11ac20	5240	99.12	0.04
Ant 1	NVNT	802.11ac40	5190	98.23	0.08
Ant 1	NVNT	802.11ac40	5230	98.27	0.08
Ant 2	NVNT	802.11ac40	5190	98.24	0.08
Ant 2	NVNT	802.11ac40	5230	98.24	0.08
Ant 1	NVNT	802.11ac80	5210	96.28	0.16
Ant 2	NVNT	802.11ac80	5210	96.31	0.16
Ant 1	NVNT	802.11n(HT20)	5180	99.03	0.04
Ant 1	NVNT	802.11n(HT20)	5200	99.22	0.03
Ant 1	NVNT	802.11n(HT20)	5240	99.22	0.03
Ant 2	NVNT	802.11n(HT20)	5180	99	0.04
Ant 2	NVNT	802.11n(HT20)	5200	98.96	0.05
Ant 2	NVNT	802.11n(HT20)	5240	99.22	0.03
Ant 1	NVNT	802.11n(HT40)	5190	98.23	0.08
Ant 1	NVNT	802.11n(HT40)	5230	98.21	0.08
Ant 2	NVNT	802.11n(HT40)	5190	98.23	0.08
Ant 2	NVNT	802.11n(HT40)	5230	98.21	0.08

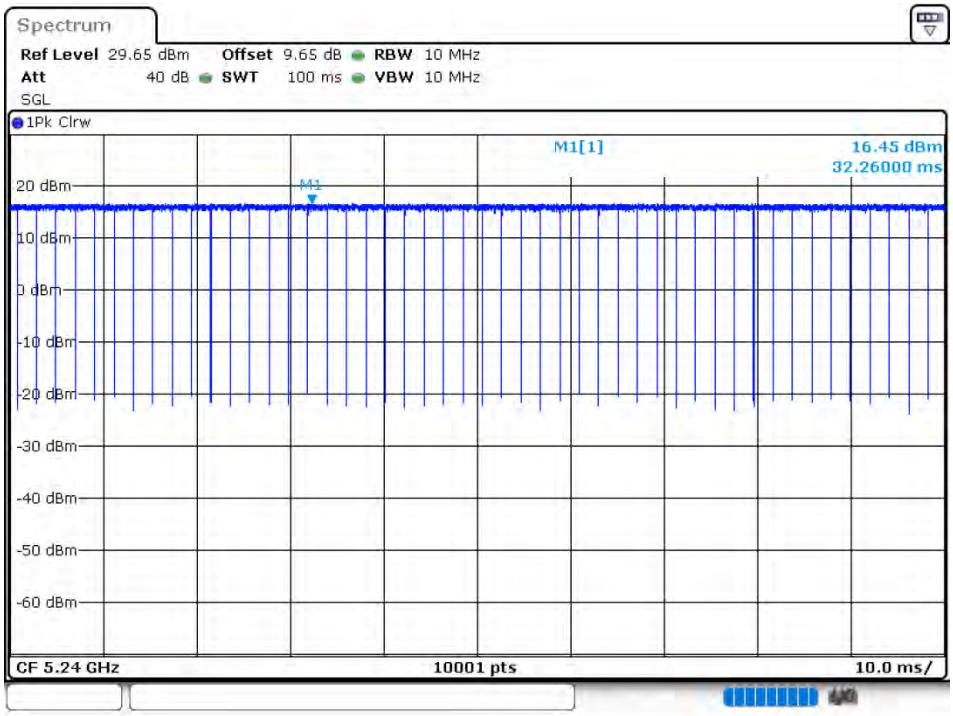
Duty Cycle NVNT 802.11a 5180MHz Ant 1



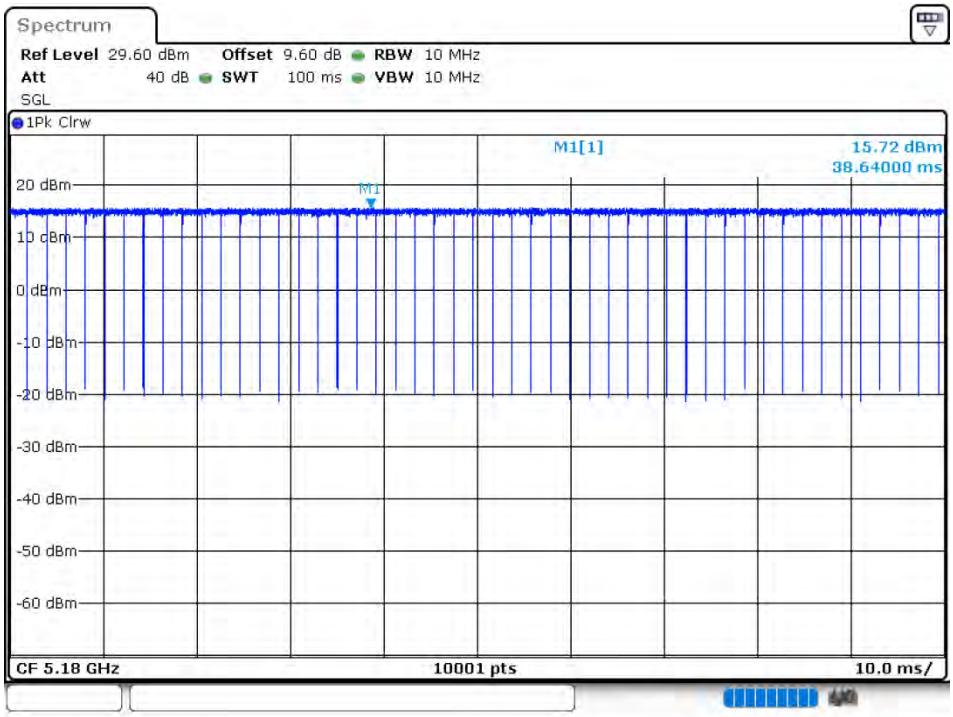
Duty Cycle NVNT 802.11a 5200MHz Ant 1



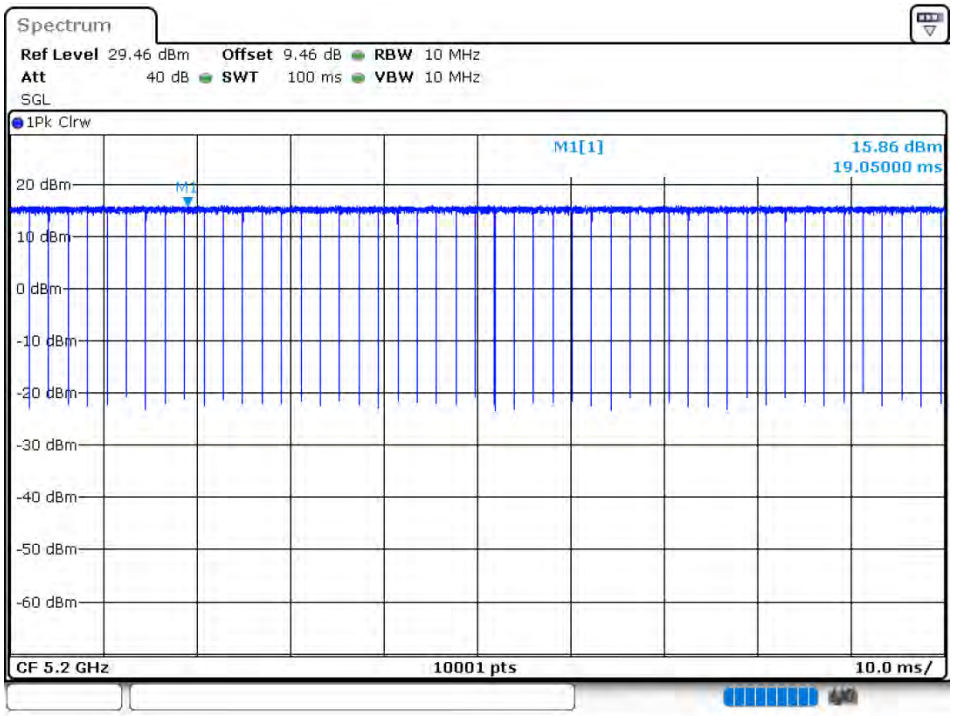
Duty Cycle NVNT 802.11a 5240MHz Ant 1



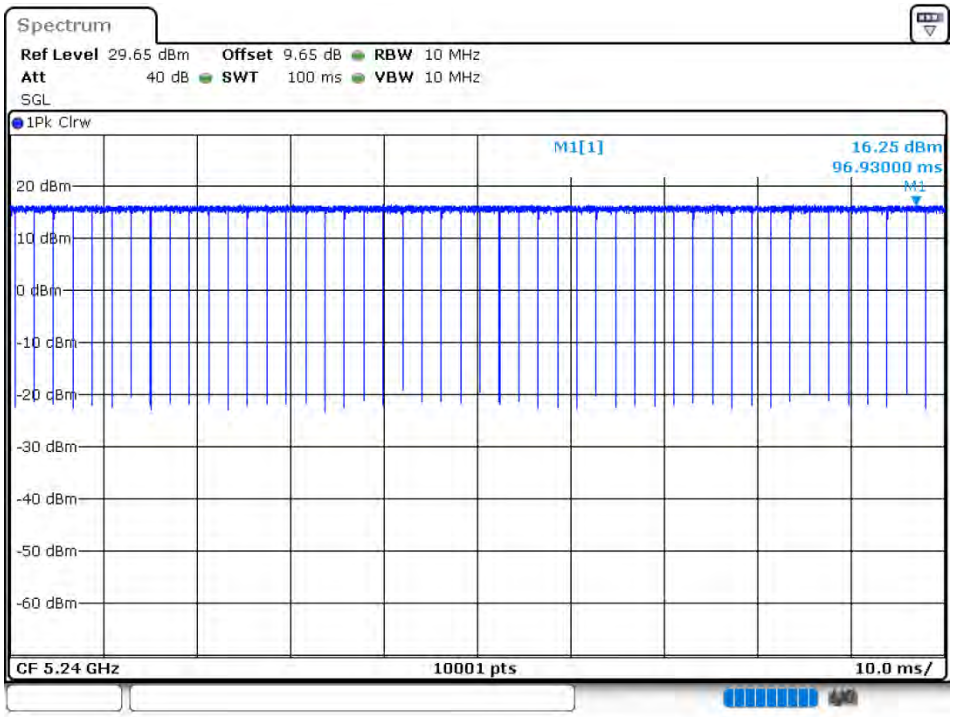
Duty Cycle NVNT 802.11a 5180MHz Ant 2



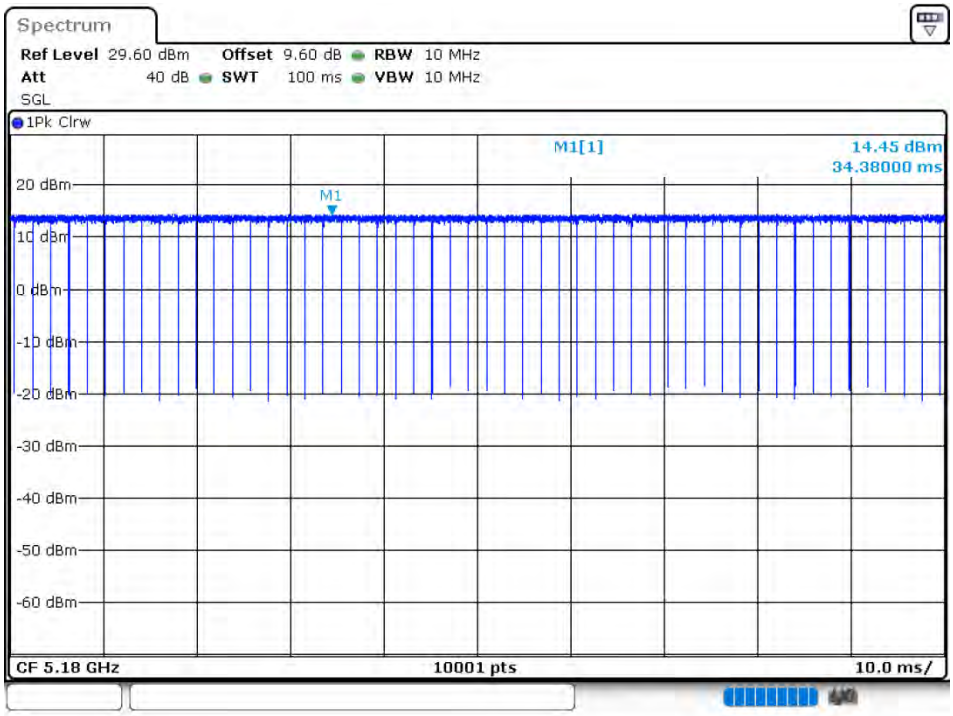
Duty Cycle NVNT 802.11a 5200MHz Ant 2



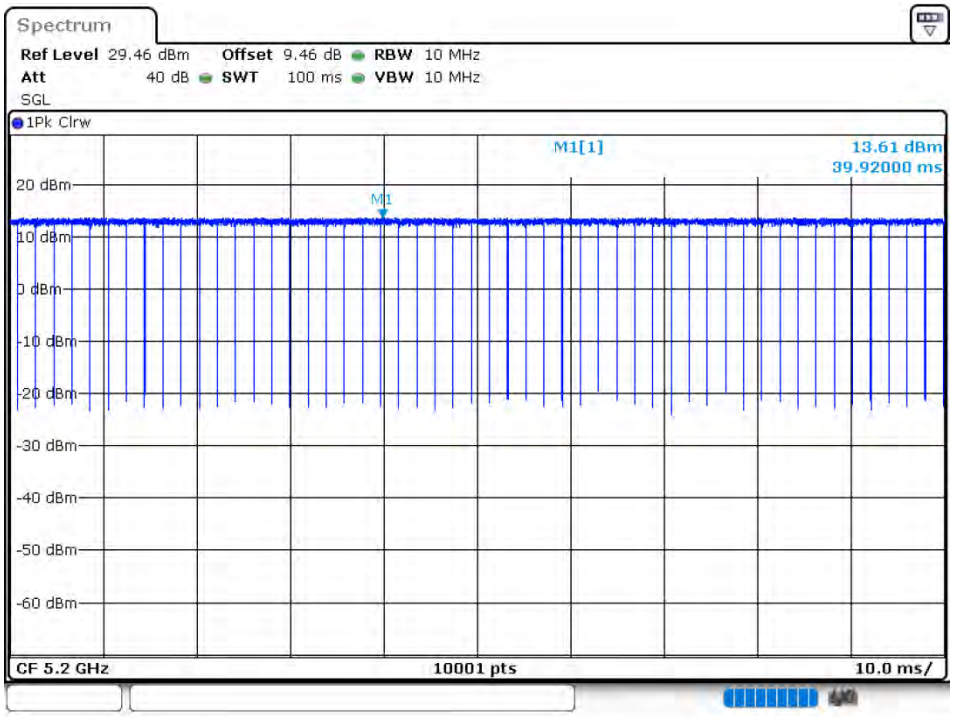
Duty Cycle NVNT 802.11a 5240MHz Ant 2



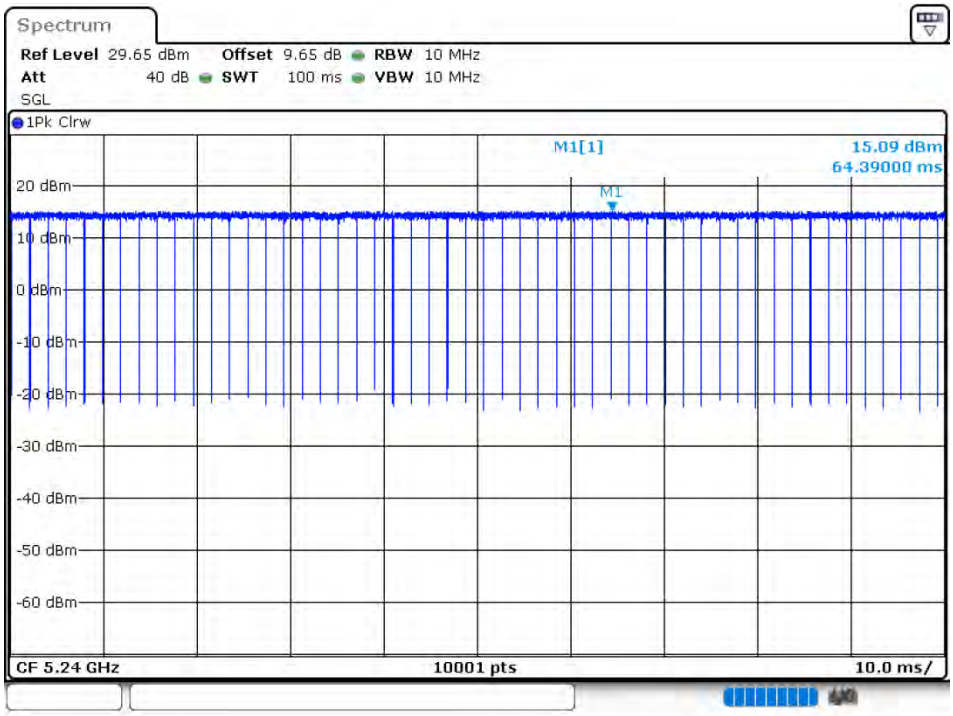
Duty Cycle NVNT 802.11ac20 5180MHz Ant 1



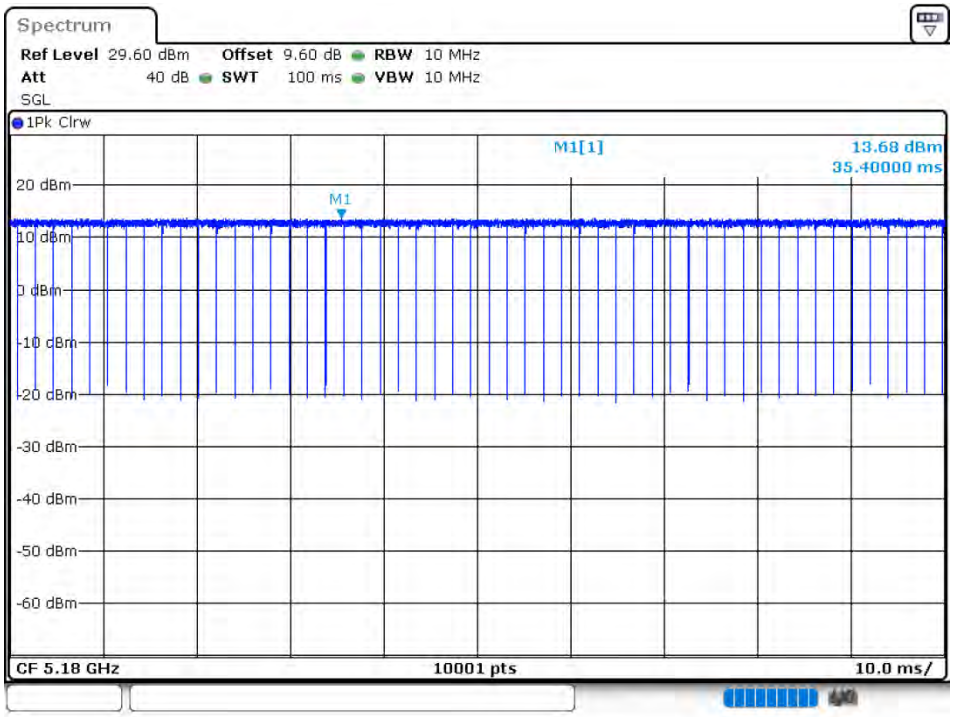
Duty Cycle NVNT 802.11ac20 5200MHz Ant 1



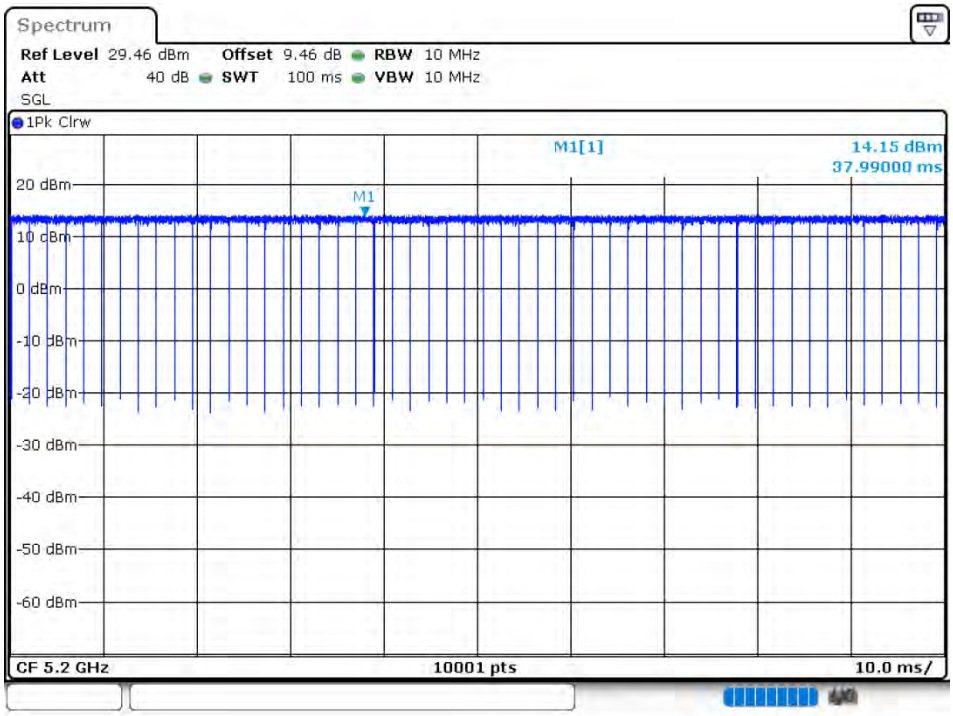
Duty Cycle NVNT 802.11ac20 5240MHz Ant 1



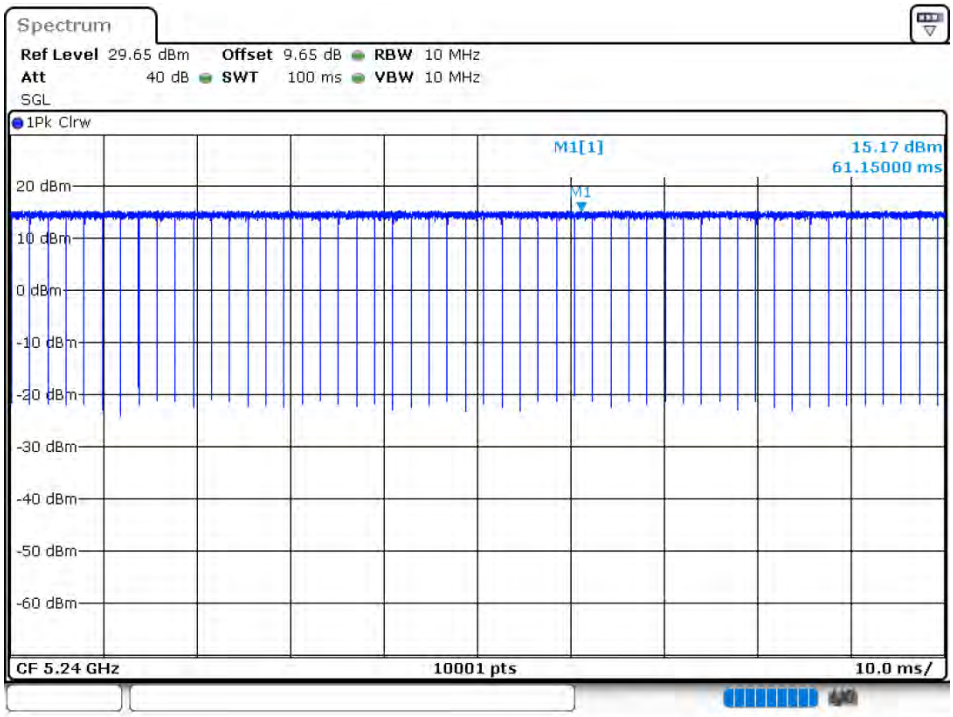
Duty Cycle NVNT 802.11ac20 5180MHz Ant 2



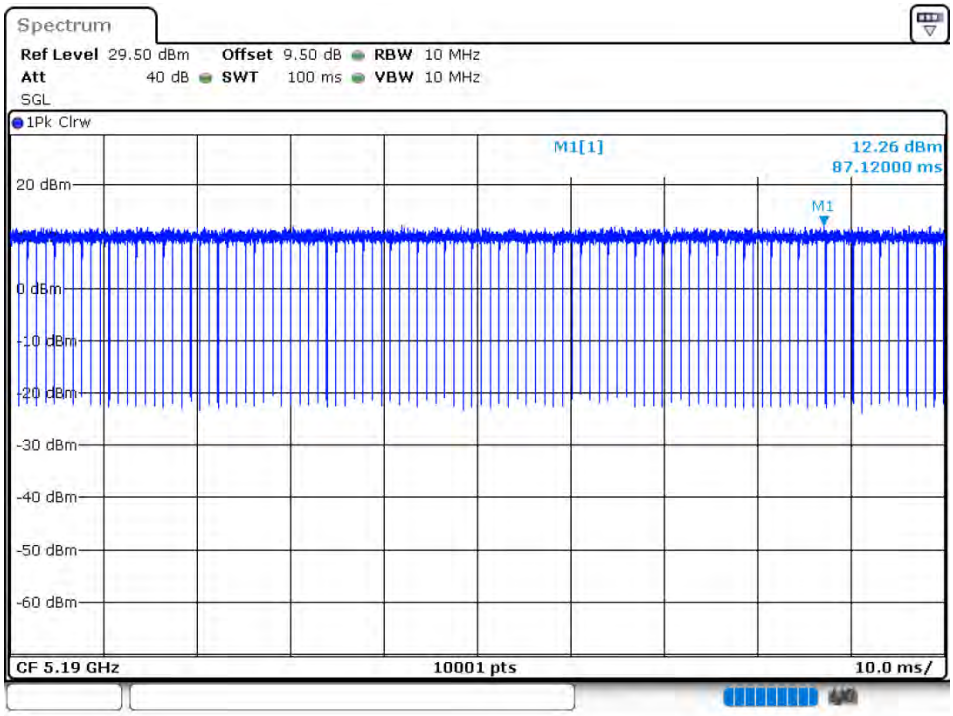
Duty Cycle NVNT 802.11ac20 5200MHz Ant 2



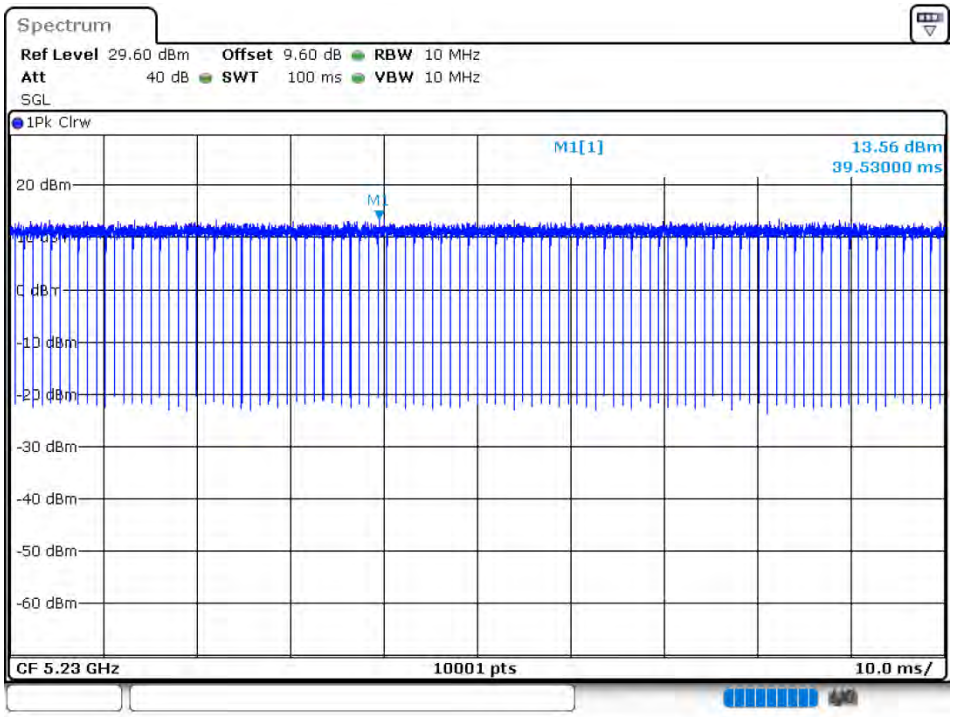
Duty Cycle NVNT 802.11ac20 5240MHz Ant 2



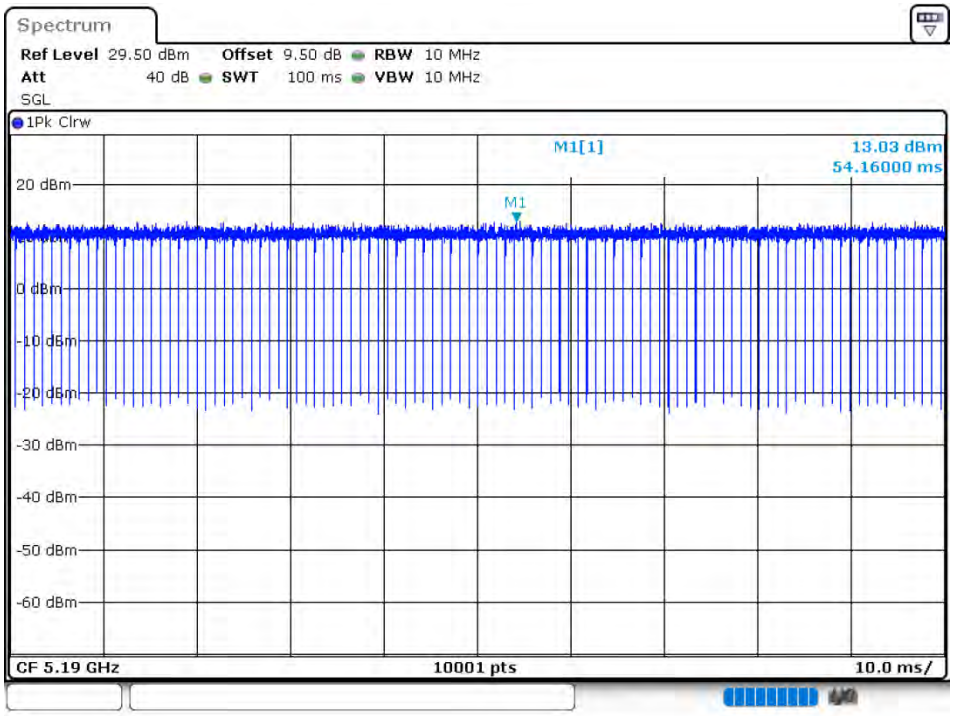
Duty Cycle NVNT 802.11ac40 5190MHz Ant 1



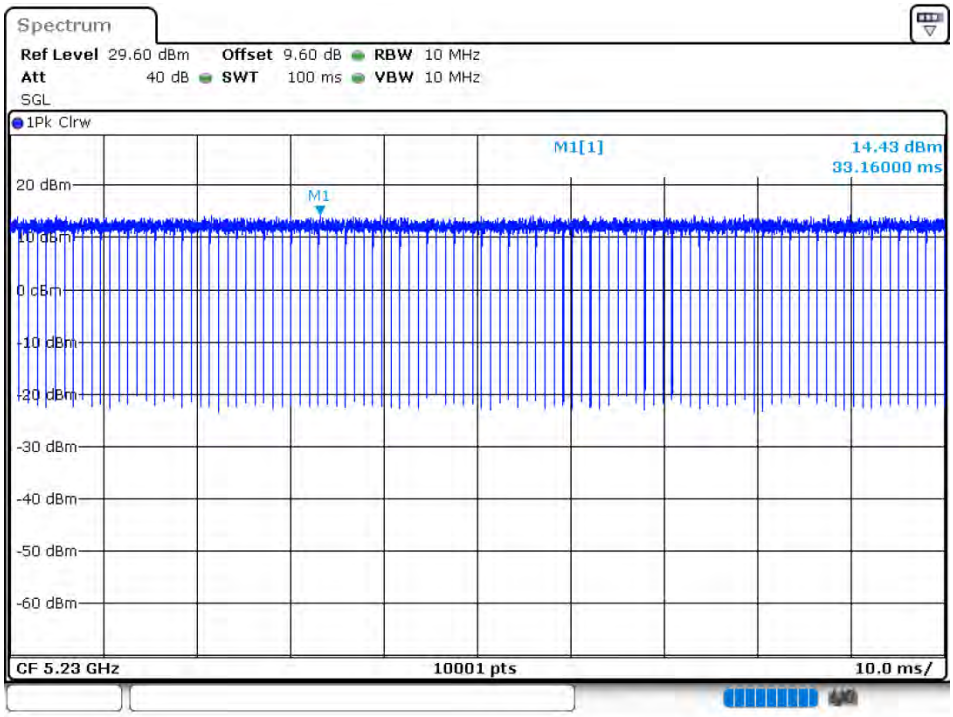
Duty Cycle NVNT 802.11ac40 5230MHz Ant 1



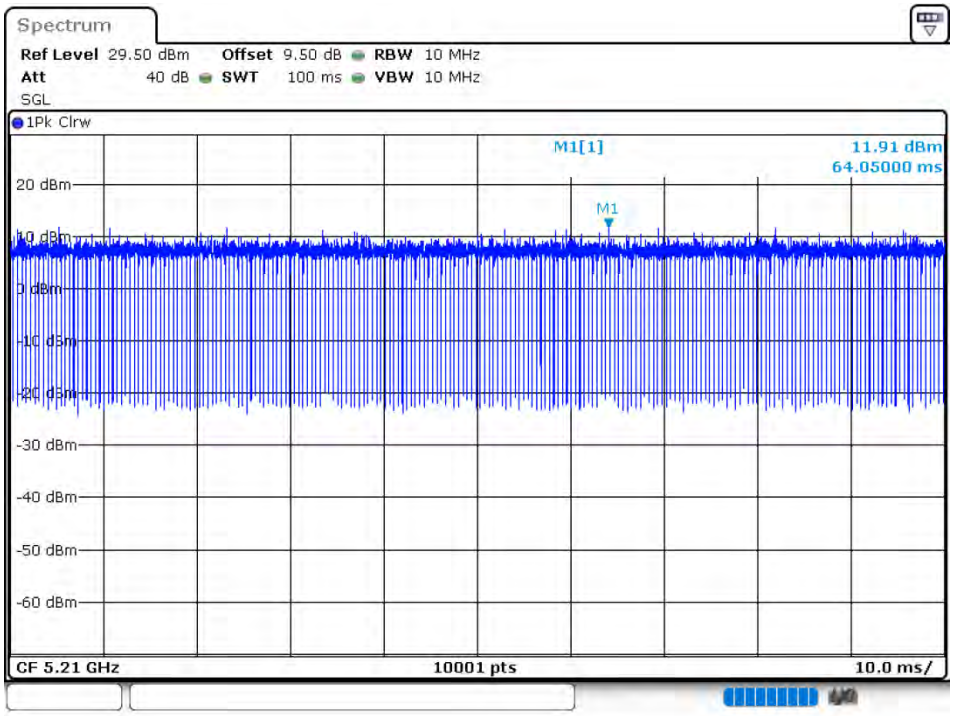
Duty Cycle NVNT 802.11ac40 5190MHz Ant 2



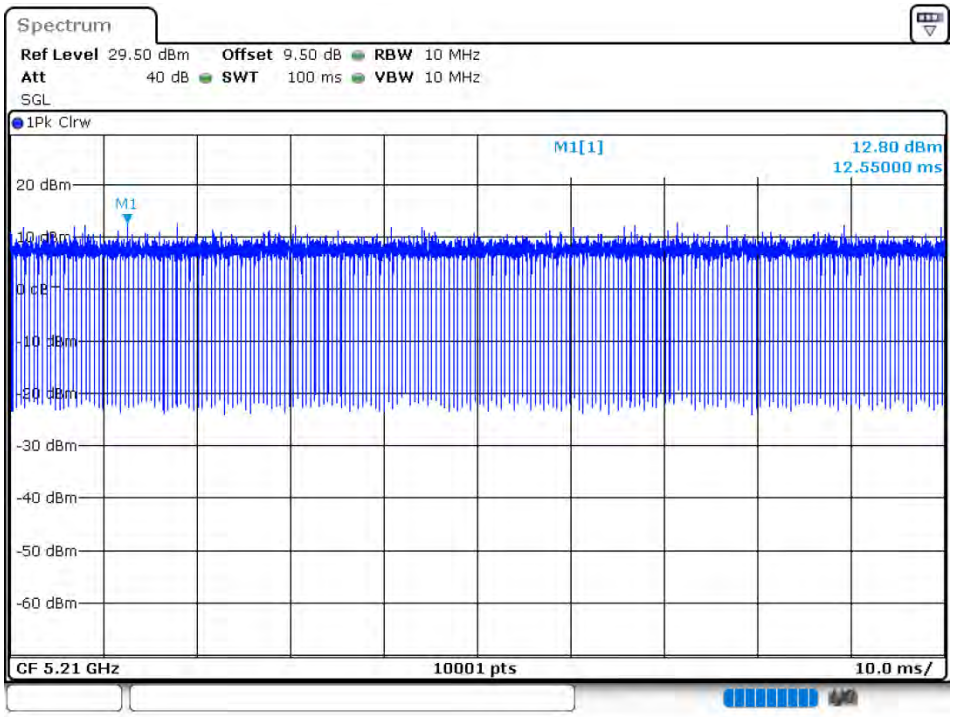
Duty Cycle NVNT 802.11ac40 5230MHz Ant 2



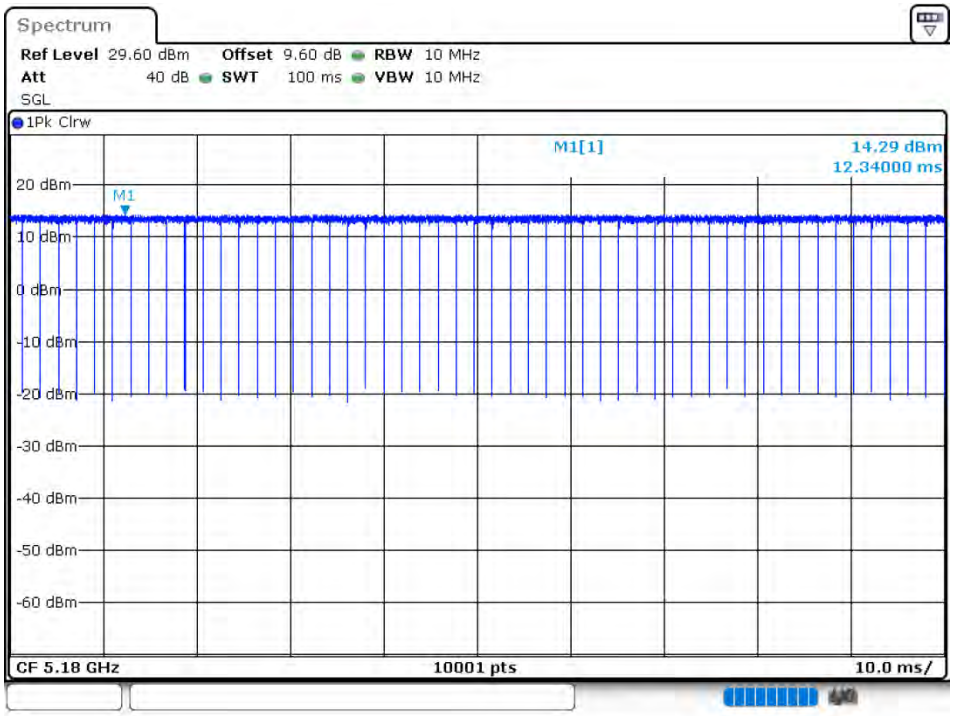
Duty Cycle NVNT 802.11ac80 5210MHz Ant 1



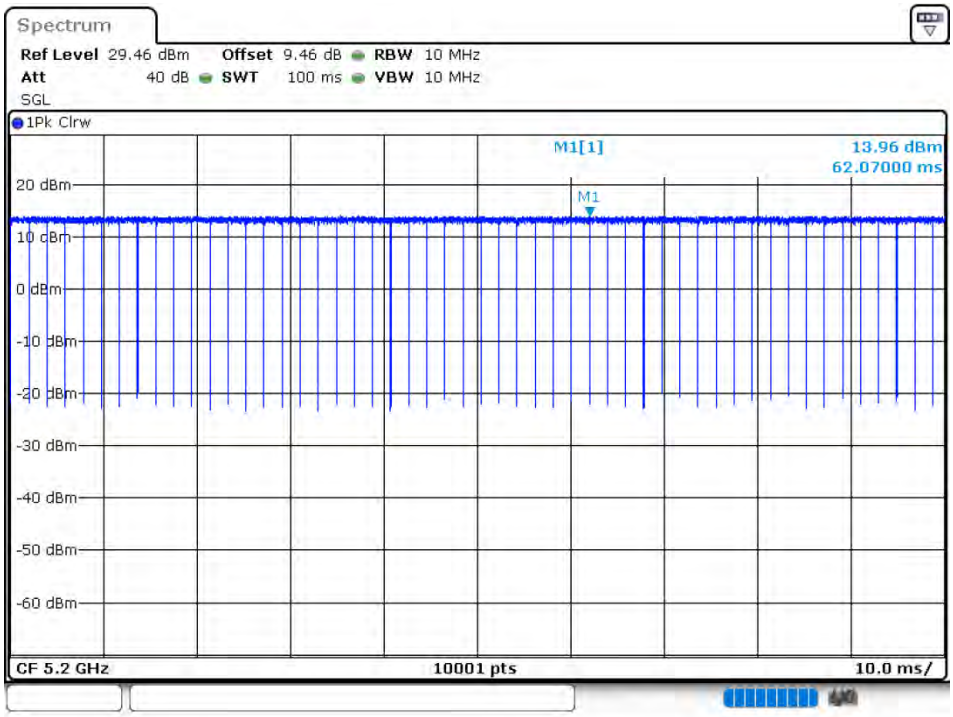
Duty Cycle NVNT 802.11ac80 5210MHz Ant 2



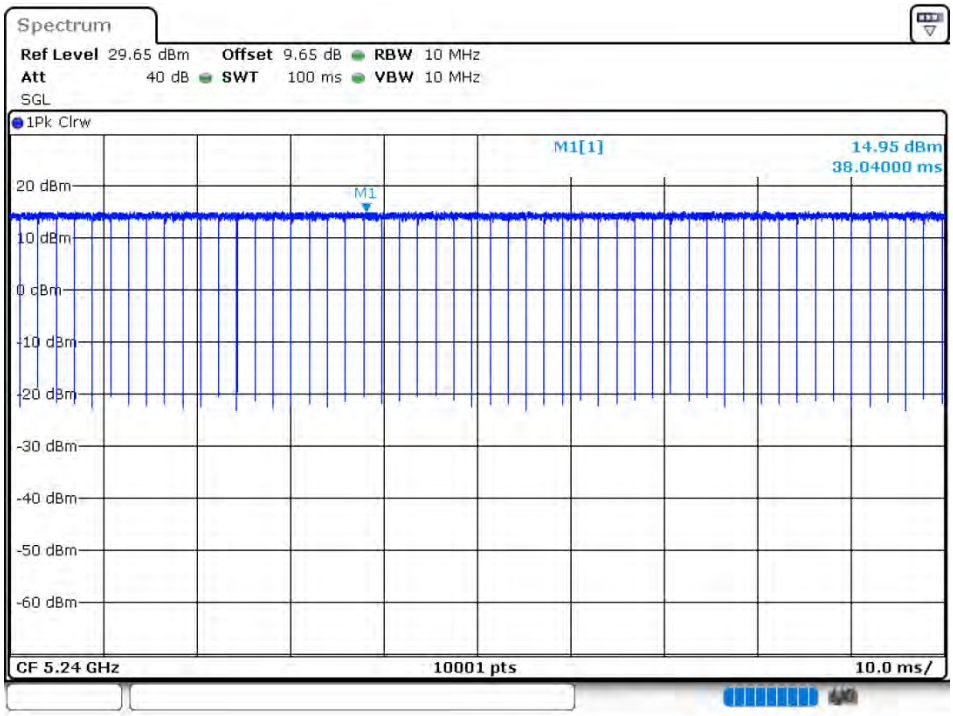
Duty Cycle NVNT 802.11n(HT20) 5180MHz Ant 1



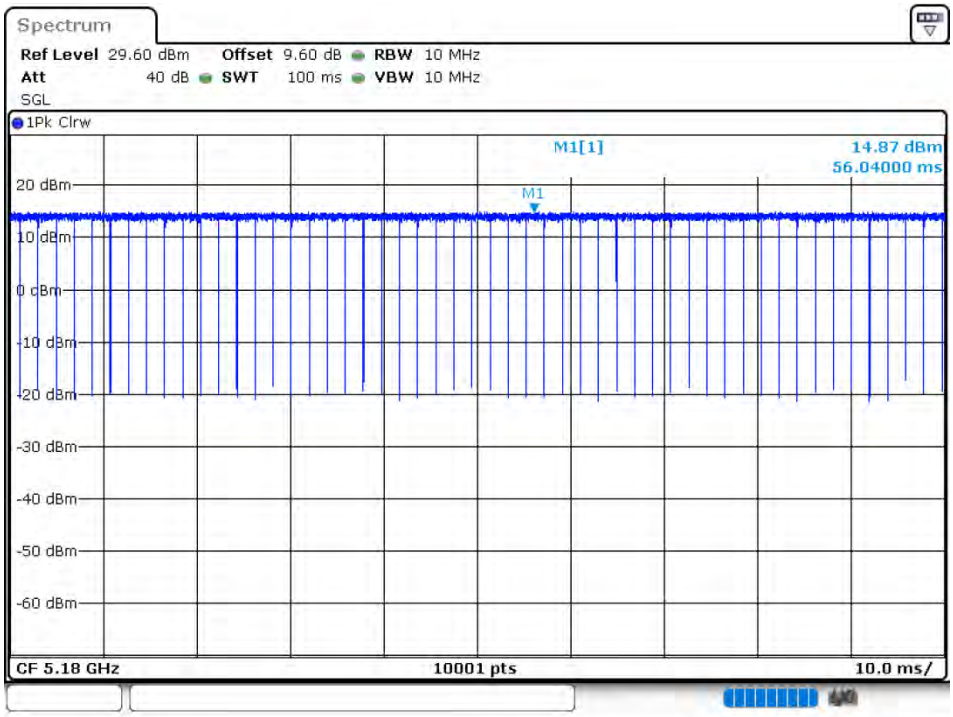
Duty Cycle NVNT 802.11n(HT20) 5200MHz Ant 1



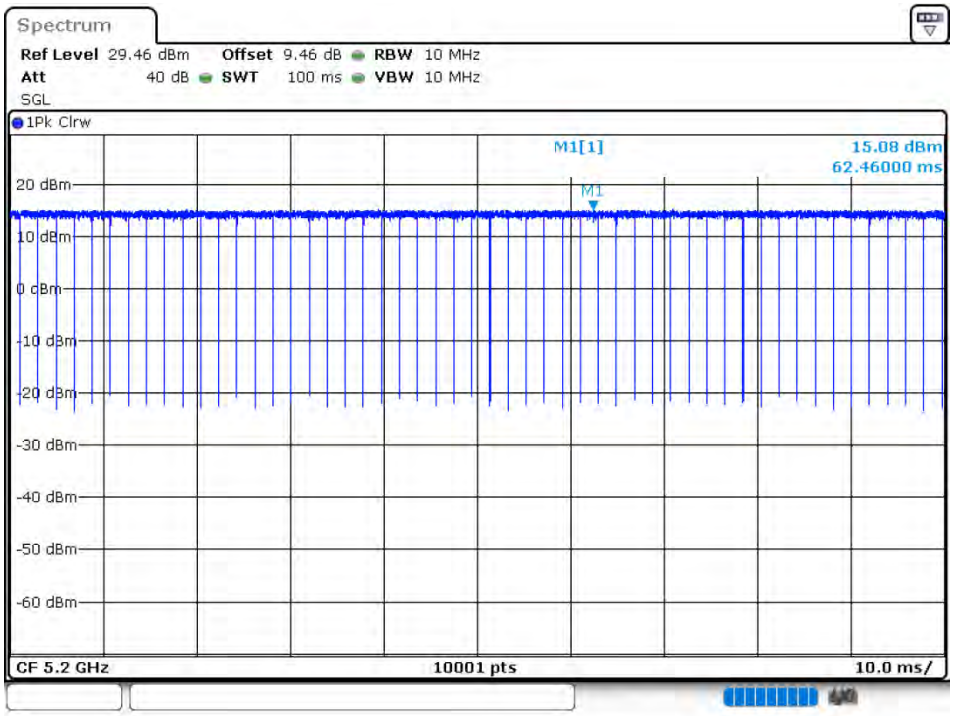
Duty Cycle NVNT 802.11n(HT20) 5240MHz Ant 1



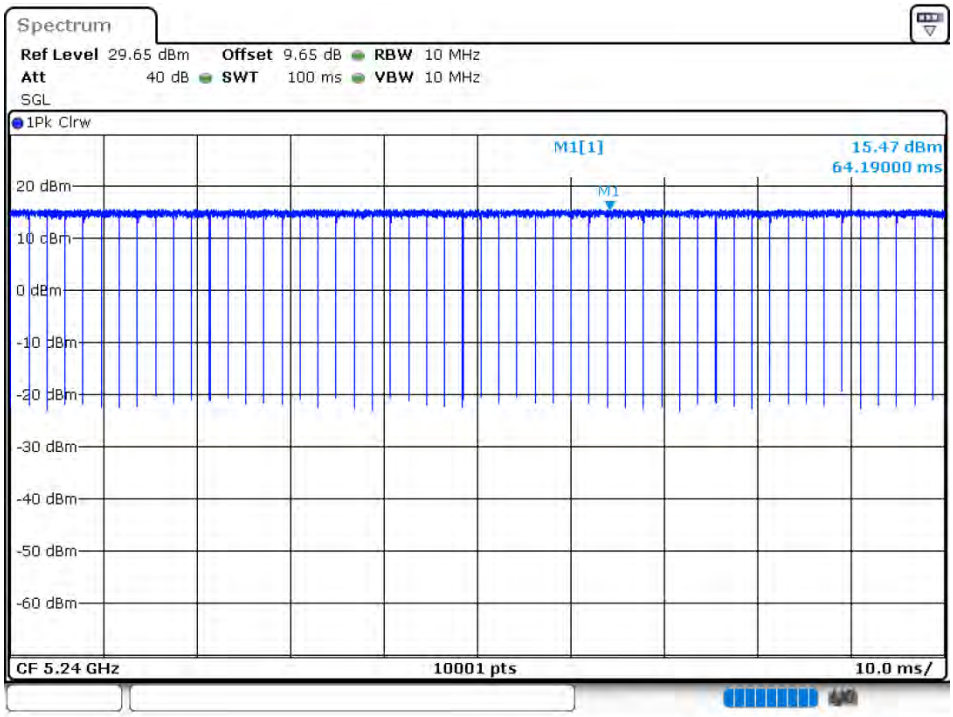
Duty Cycle NVNT 802.11n(HT20) 5180MHz Ant 2



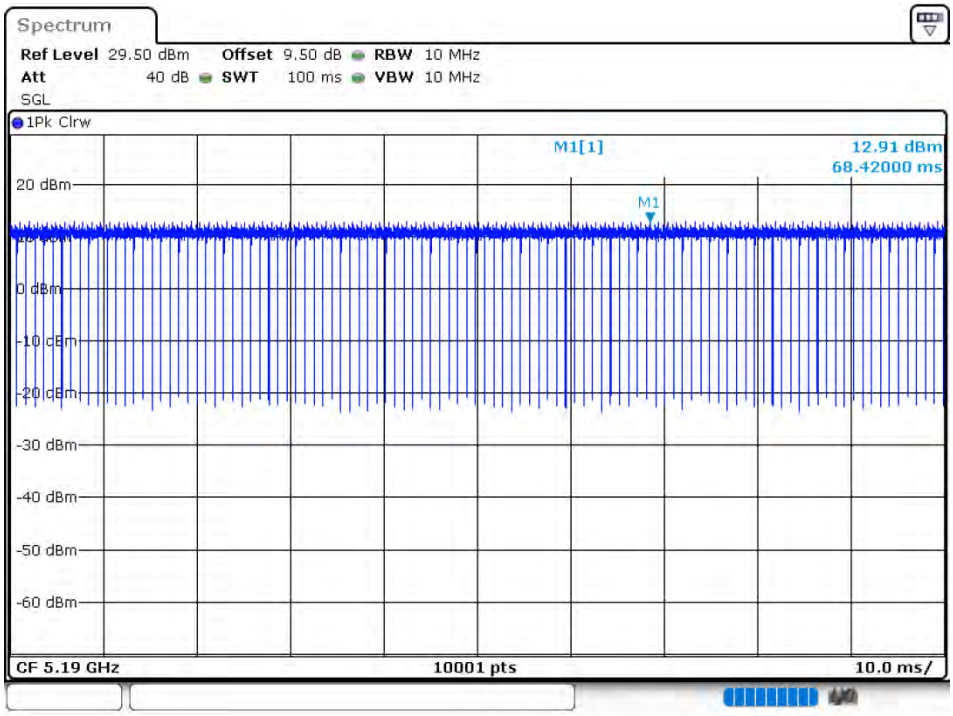
Duty Cycle NVNT 802.11n(HT20) 5200MHz Ant 2



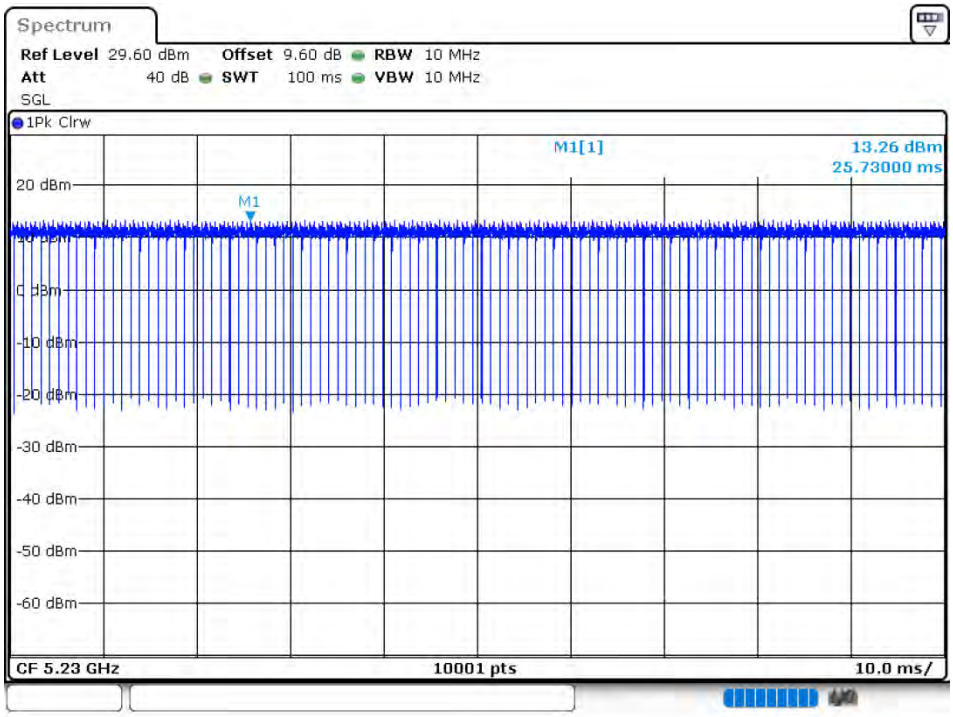
Duty Cycle NVNT 802.11n(HT20) 5240MHz Ant 2



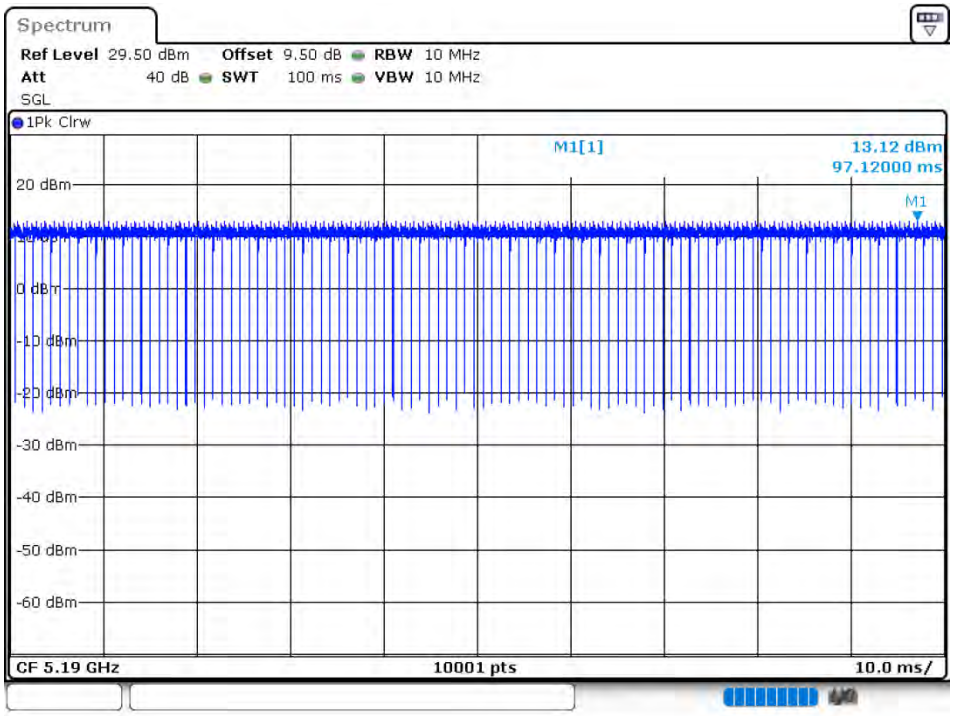
Duty Cycle NVNT 802.11n(HT40) 5190MHz Ant 1



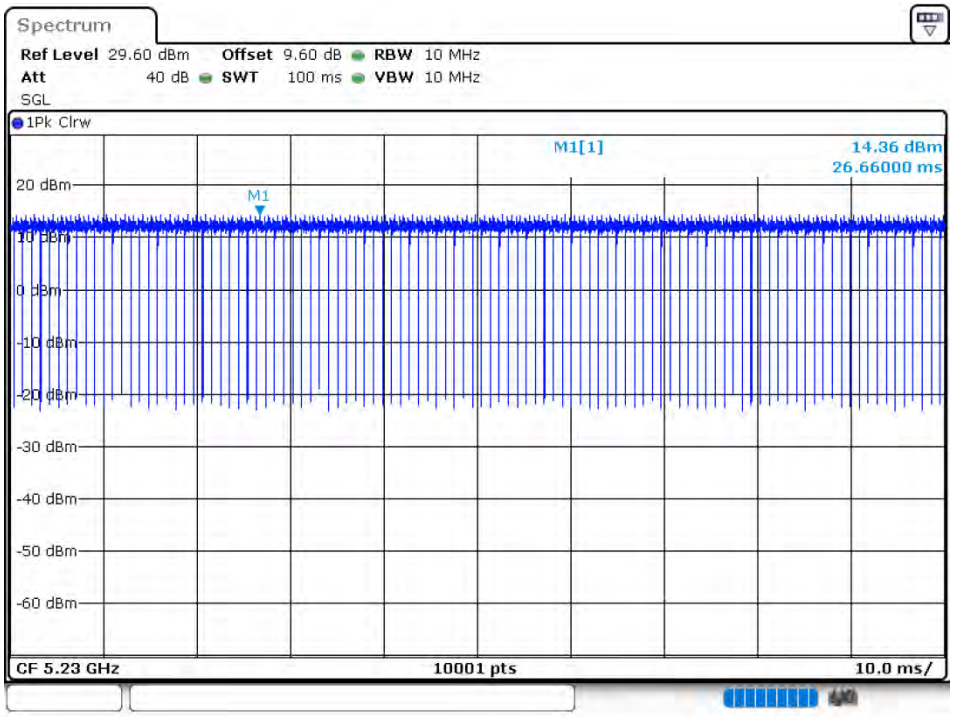
Duty Cycle NVNT 802.11n(HT40) 5230MHz Ant 1



Duty Cycle NVNT 802.11n(HT40) 5190MHz Ant 2



Duty Cycle NVNT 802.11n(HT40) 5230MHz Ant 2



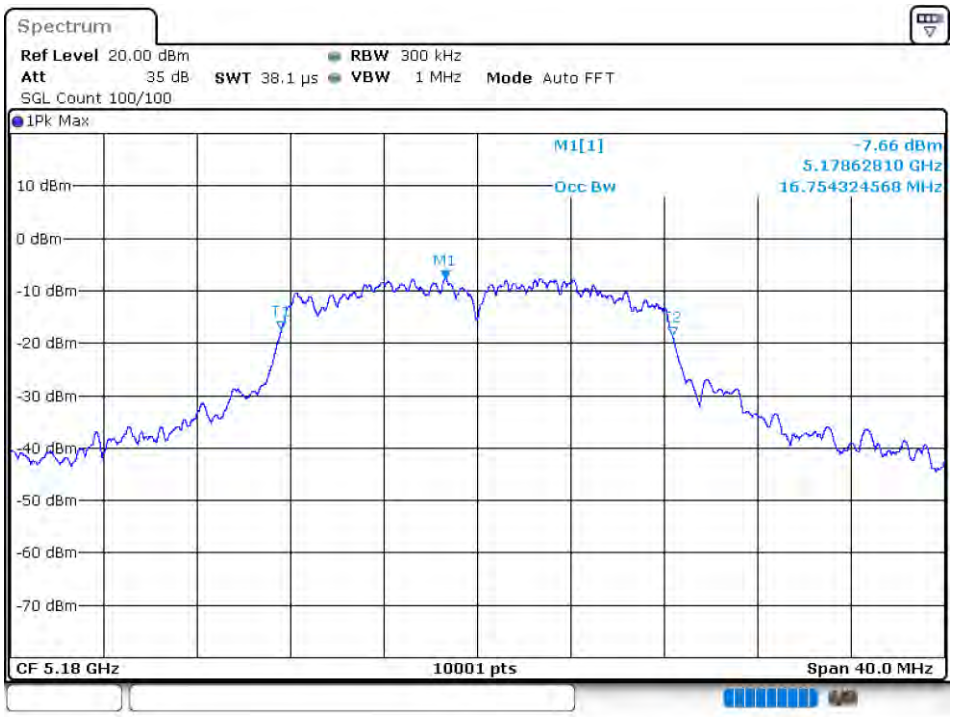
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	9.61	0.03	9.64	24	Pass
NVNT	802.11a	5200	Ant 1	8.62	0.03	8.65	24	Pass
NVNT	802.11a	5240	Ant 1	9.65	0.03	9.68	24	Pass
NVNT	802.11a	5180	Ant 2	9.47	0.03	9.5	24	Pass
NVNT	802.11a	5200	Ant 2	9.6	0.03	9.63	24	Pass
NVNT	802.11a	5240	Ant 2	10.1	0.03	10.13	24	Pass
NVNT	802.11ac20	5180	Ant 1	8.43	0.04	8.47	24	Pass
NVNT	802.11ac20	5200	Ant 1	7.88	0.04	7.92	24	Pass
NVNT	802.11ac20	5240	Ant 1	8.88	0.04	8.92	24	Pass
NVNT	802.11ac20	5180	Ant 2	7.34	0.04	7.38	24	Pass
NVNT	802.11ac20	5200	Ant 2	7.94	0.04	7.98	24	Pass
NVNT	802.11ac20	5240	Ant 2	8.59	0.04	8.63	24	Pass
NVNT	802.11ac40	5190	Ant 1	6.81	0.08	6.89	24	Pass
NVNT	802.11ac40	5230	Ant 1	7.99	0.08	8.07	24	Pass
NVNT	802.11ac40	5190	Ant 2	7.29	0.08	7.37	24	Pass
NVNT	802.11ac40	5230	Ant 2	9.01	0.08	9.09	24	Pass
NVNT	802.11ac80	5210	Ant 1	7.54	0.16	7.7	24	Pass
NVNT	802.11ac80	5210	Ant 2	7.43	0.16	7.59	24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	8.3	0.04	8.34	24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	8.35	0.03	8.38	24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	8.83	0.03	8.86	24	Pass
NVNT	802.11n(HT20)	5180	Ant 2	8.62	0.04	8.66	24	Pass
NVNT	802.11n(HT20)	5200	Ant 2	8.59	0.05	8.64	24	Pass
NVNT	802.11n(HT20)	5240	Ant 2	9.2	0.03	9.23	24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	7.67	0.08	7.75	24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	8.1	0.08	8.18	24	Pass
NVNT	802.11n(HT40)	5190	Ant 2	7.66	0.08	7.74	24	Pass
NVNT	802.11n(HT40)	5230	Ant 2	9	0.08	9.08	24	Pass

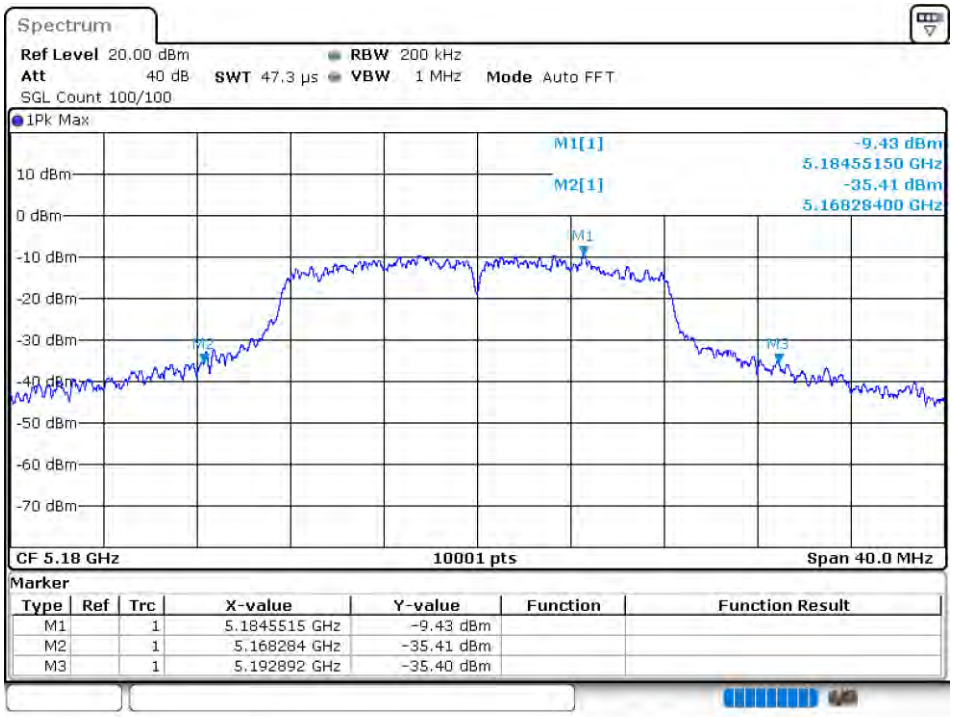
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5180	Ant 1	16.7543	24.608	Pass
NVNT	802.11a	5200	Ant 1	16.9303	24.4	Pass
NVNT	802.11a	5240	Ant 1	16.6943	21.932	Pass
NVNT	802.11a	5180	Ant 2	16.5343	24.808	Pass
NVNT	802.11a	5200	Ant 2	16.4624	20.932	Pass
NVNT	802.11a	5240	Ant 2	16.5783	20.8	Pass
NVNT	802.11ac20	5180	Ant 1	17.7422	22.152	Pass
NVNT	802.11ac20	5200	Ant 1	17.8462	25.36	Pass
NVNT	802.11ac20	5240	Ant 1	17.5982	21.464	Pass
NVNT	802.11ac20	5180	Ant 2	17.7302	22.72	Pass
NVNT	802.11ac20	5200	Ant 2	17.6662	21.444	Pass
NVNT	802.11ac20	5240	Ant 2	17.7702	21.872	Pass
NVNT	802.11ac40	5190	Ant 1	36.2604	46.784	Pass
NVNT	802.11ac40	5230	Ant 1	36.0764	44.144	Pass
NVNT	802.11ac40	5190	Ant 2	36.3404	56.368	Pass
NVNT	802.11ac40	5230	Ant 2	36.0204	42.536	Pass
NVNT	802.11ac80	5210	Ant 1	75.5604	88.624	Pass
NVNT	802.11ac80	5210	Ant 2	75.5444	120.416	Pass
NVNT	802.11n(HT20)	5180	Ant 1	17.6262	22.324	Pass
NVNT	802.11n(HT20)	5200	Ant 1	17.9862	25.3	Pass
NVNT	802.11n(HT20)	5240	Ant 1	17.6742	23.52	Pass
NVNT	802.11n(HT20)	5180	Ant 2	17.8582	21.952	Pass
NVNT	802.11n(HT20)	5200	Ant 2	17.6502	21.744	Pass
NVNT	802.11n(HT20)	5240	Ant 2	17.8782	22.436	Pass
NVNT	802.11n(HT40)	5190	Ant 1	36.1804	46.184	Pass
NVNT	802.11n(HT40)	5230	Ant 1	36.1404	45.832	Pass
NVNT	802.11n(HT40)	5190	Ant 2	36.2684	47.96	Pass
NVNT	802.11n(HT40)	5230	Ant 2	36.0444	43.92	Pass

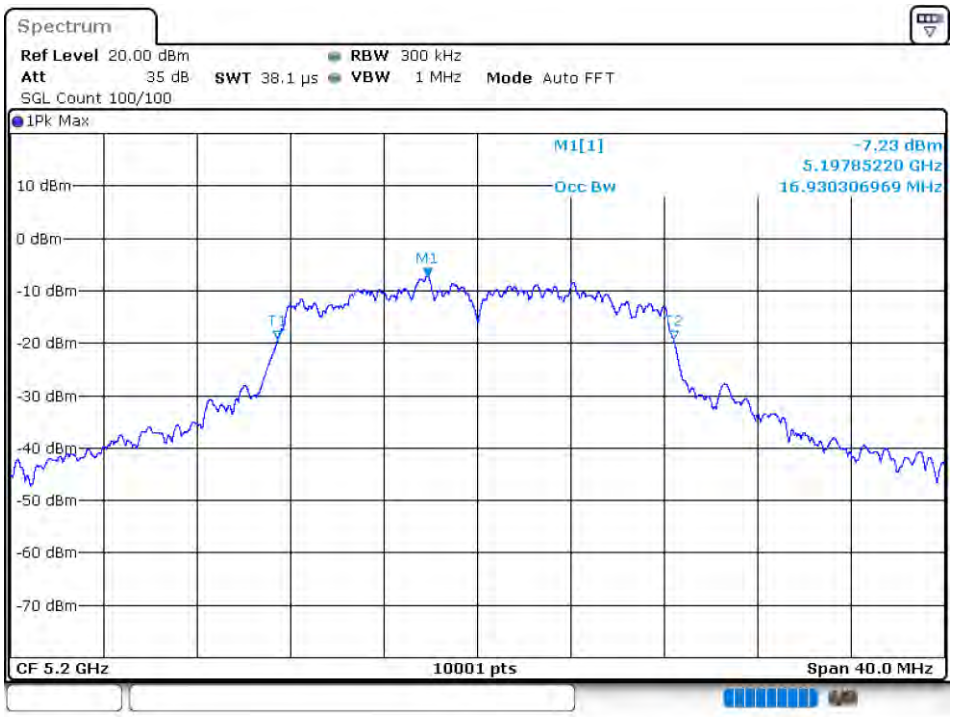
OBW NVNT 802.11a 5180MHz Ant 1



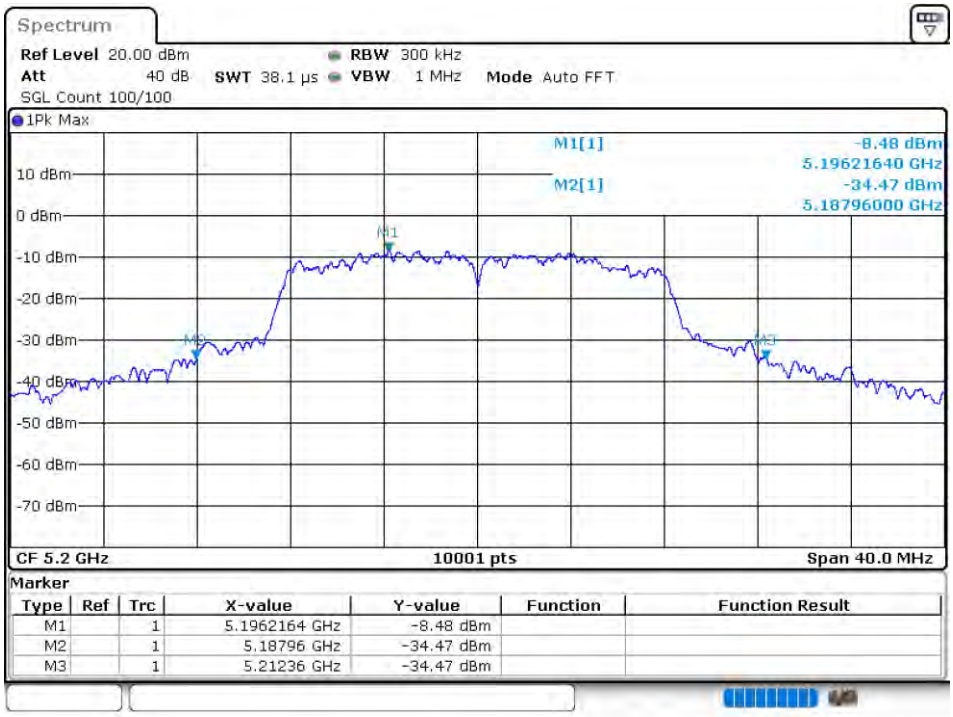
-26 dB BW NVNT 802.11a 5180MHz Ant 1



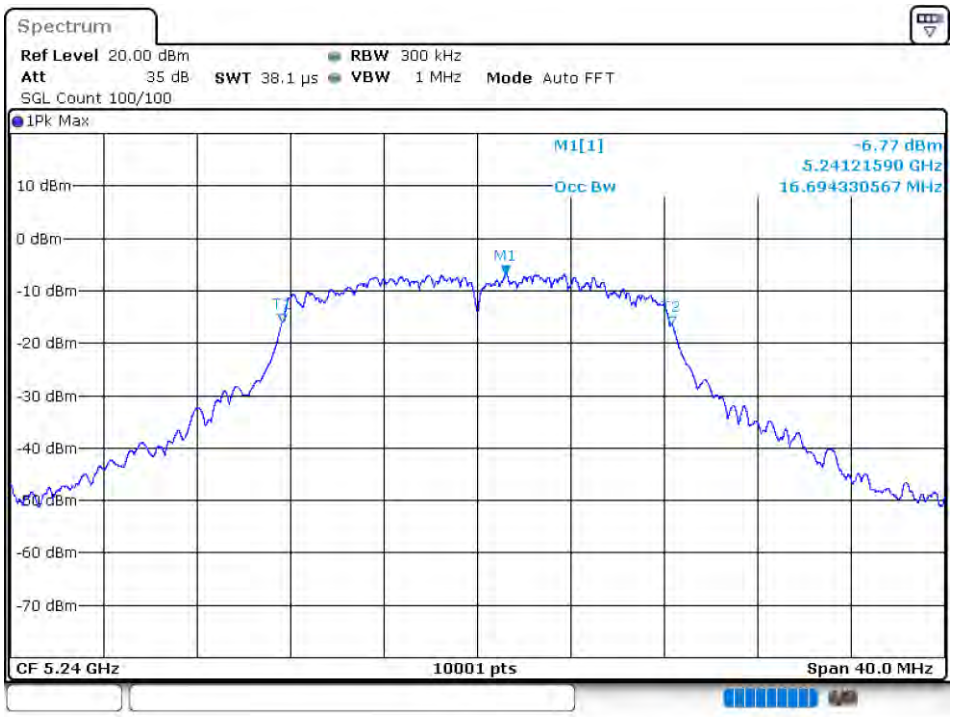
OBW NVNT 802.11a 5200MHz Ant 1



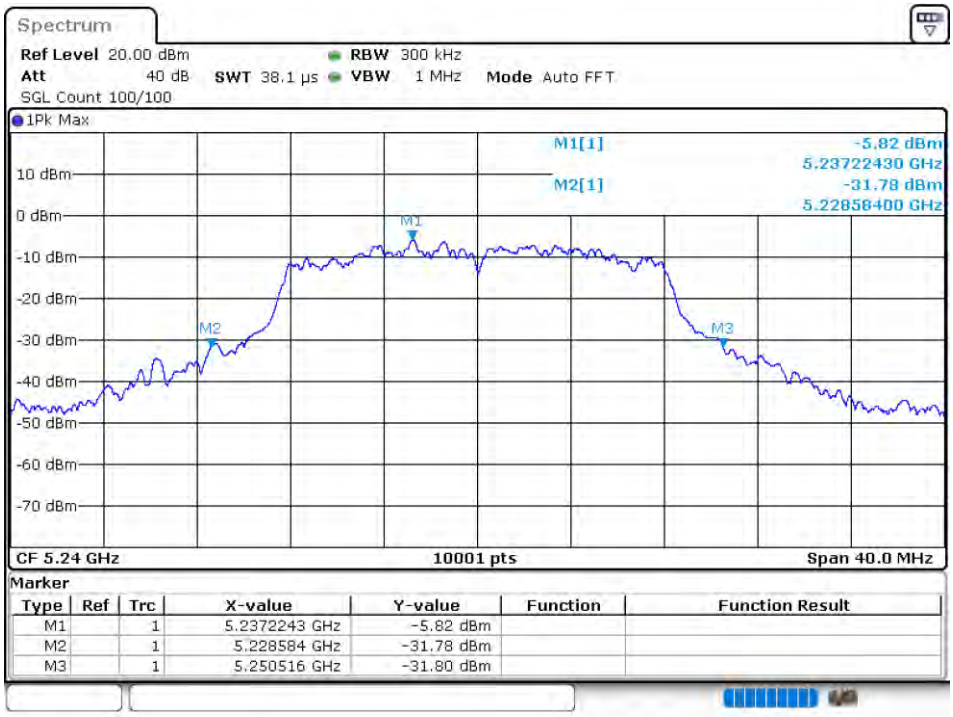
-26 dB BW NVNT 802.11a 5200MHz Ant 1



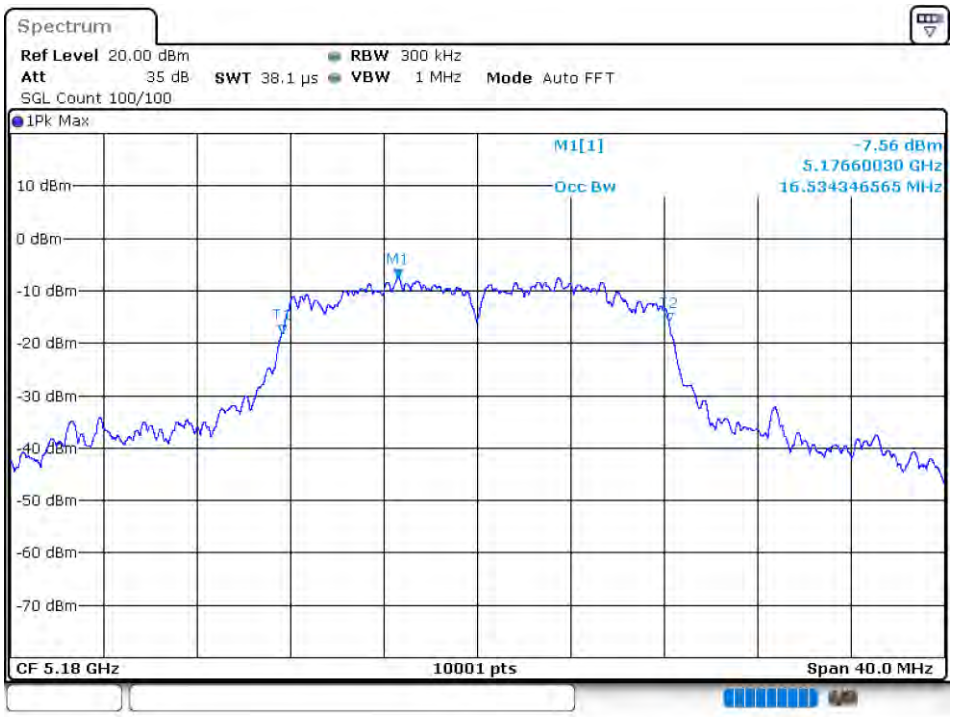
OBW NVNT 802.11a 5240MHz Ant 1



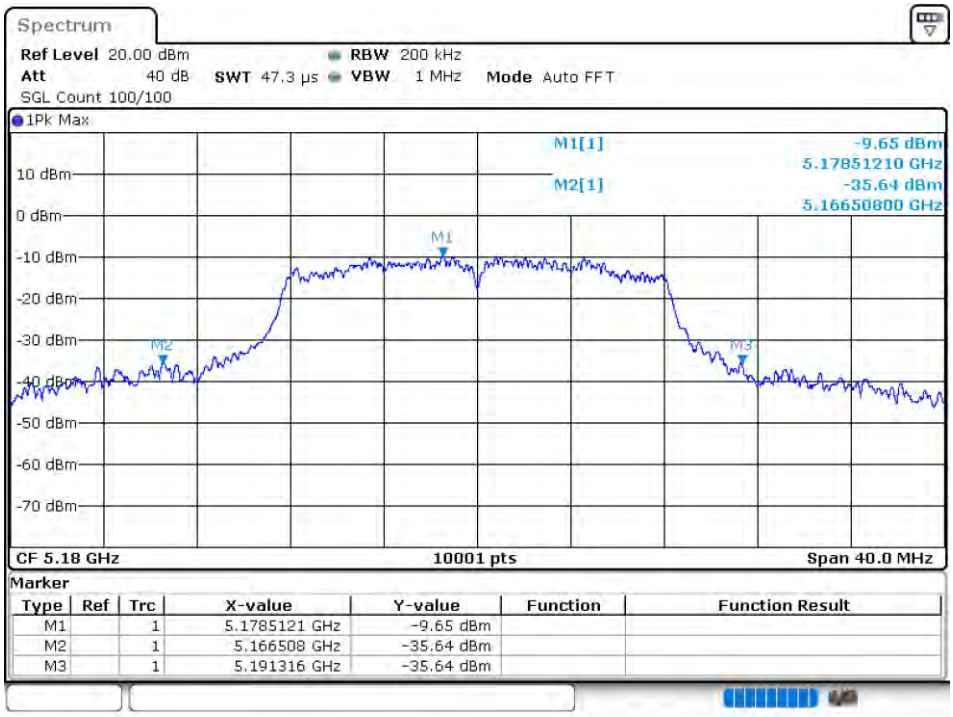
-26 dB BW NVNT 802.11a 5240MHz Ant 1



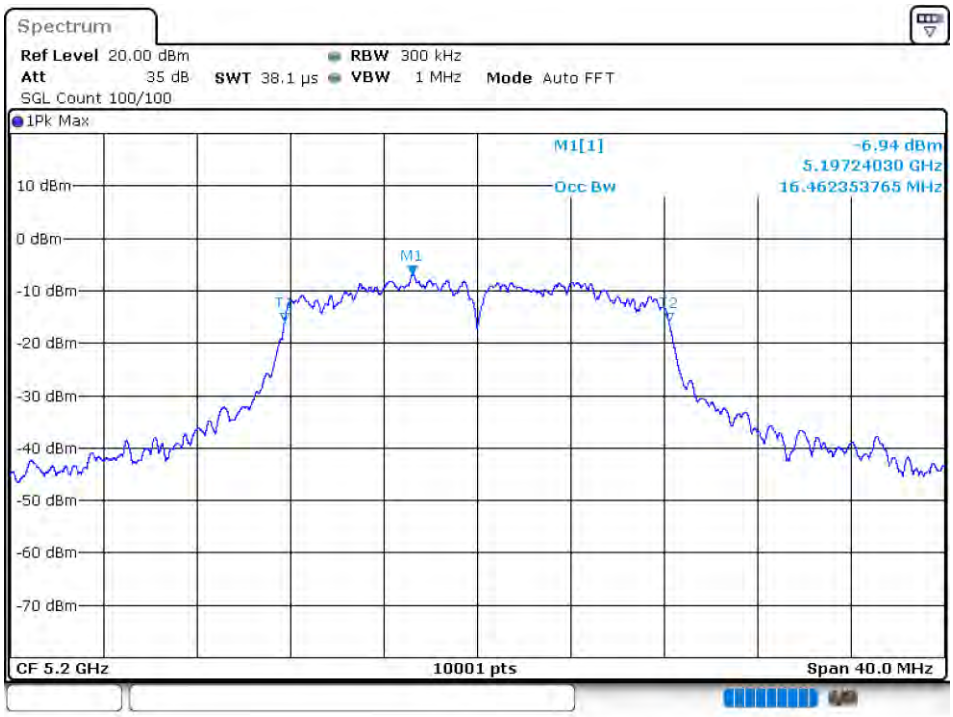
OBW NVNT 802.11a 5180MHz Ant 2



-26 dB BW NVNT 802.11a 5180MHz Ant 2



OBW NVNT 802.11a 5200MHz Ant 2



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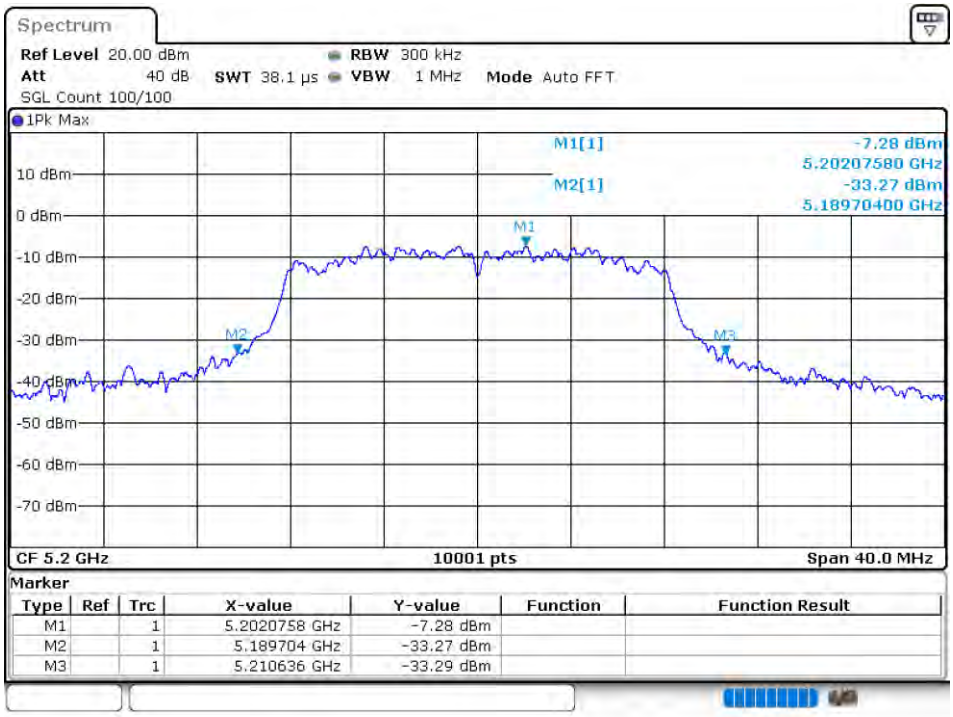
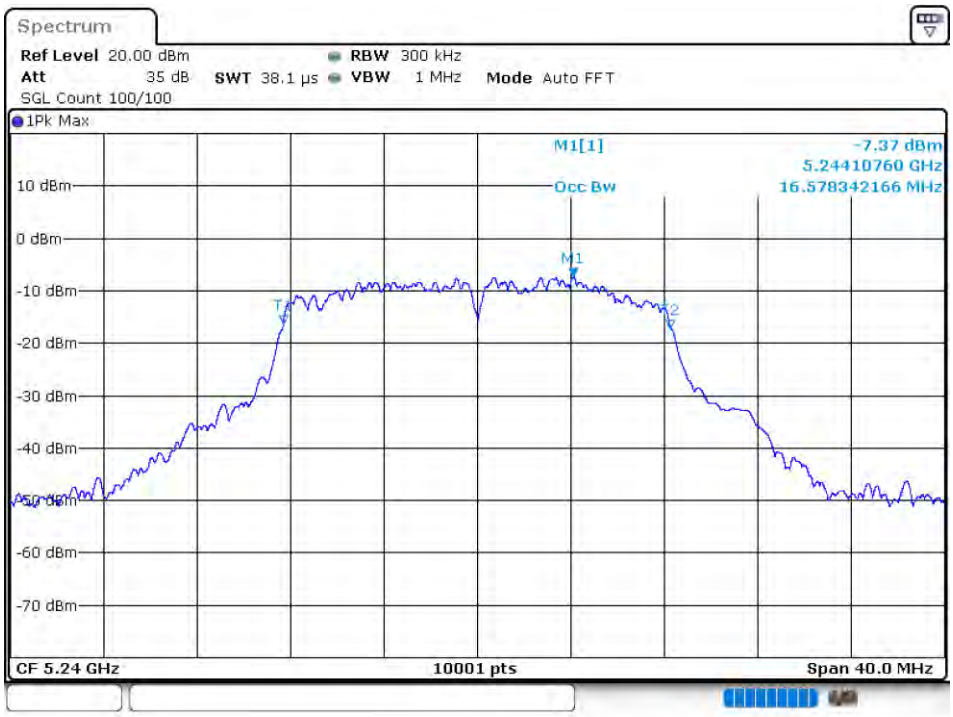


OBW NVNT 802.11a 5240MHz Ant 2



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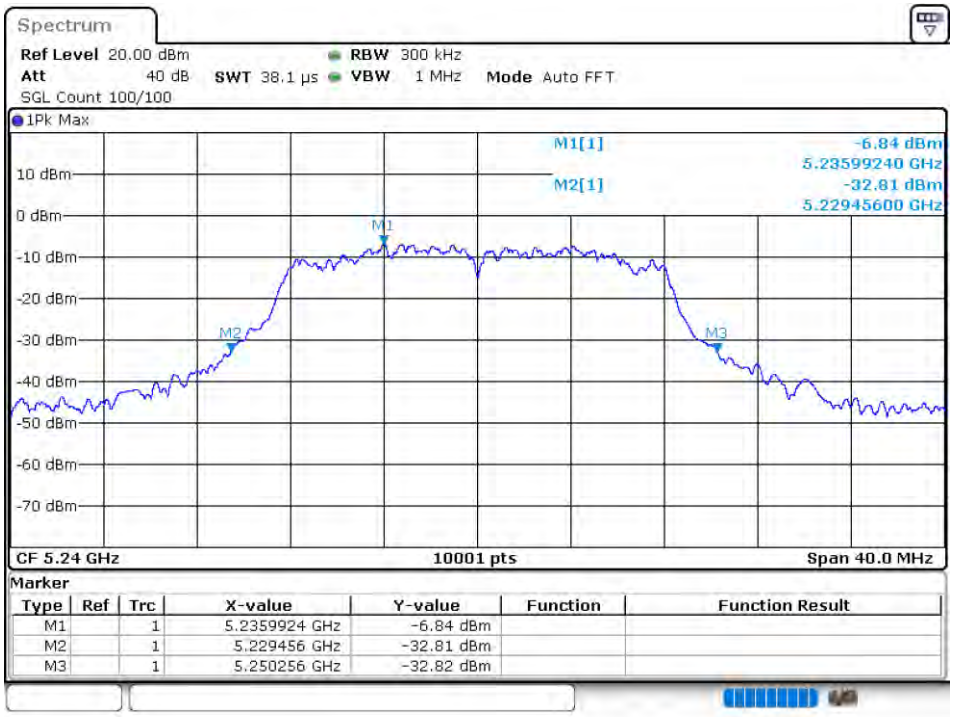
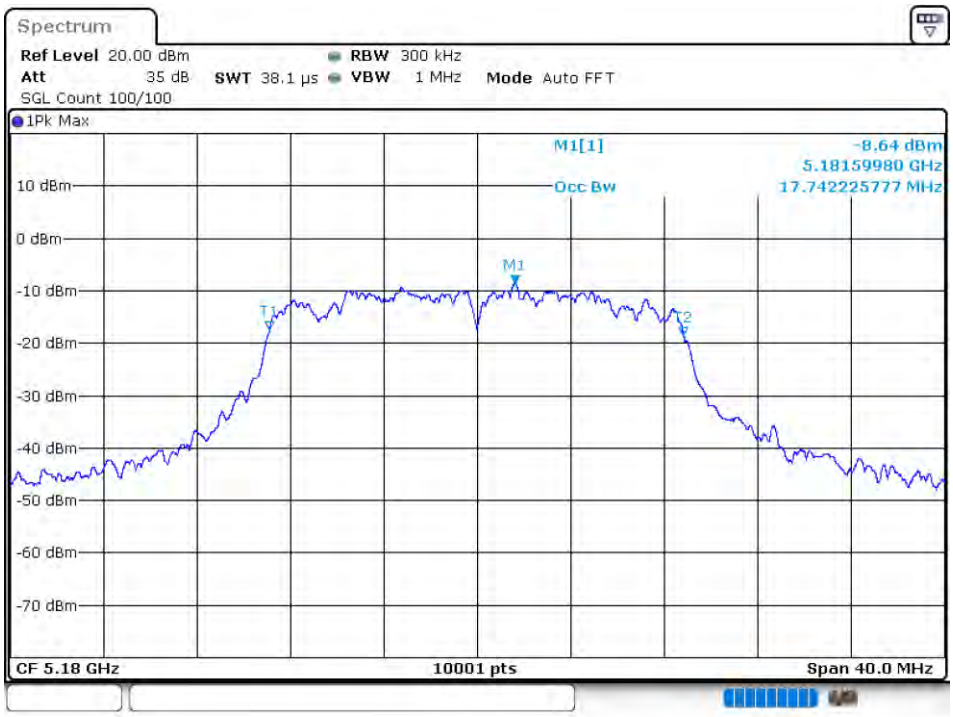


OBW NVNT 802.11ac20 5180MHz Ant 1



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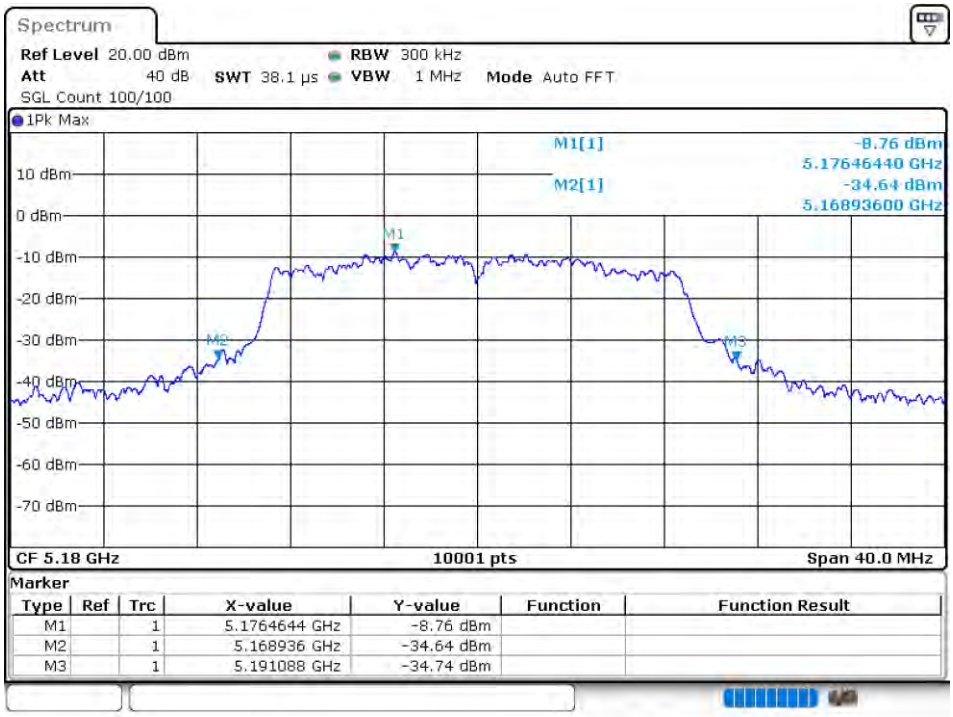
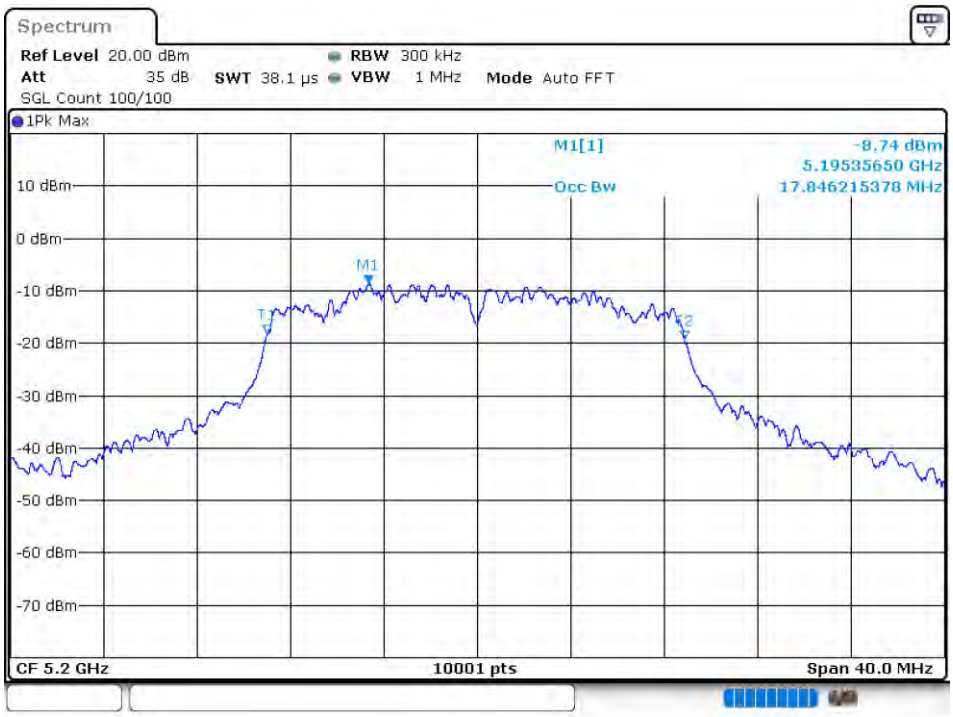
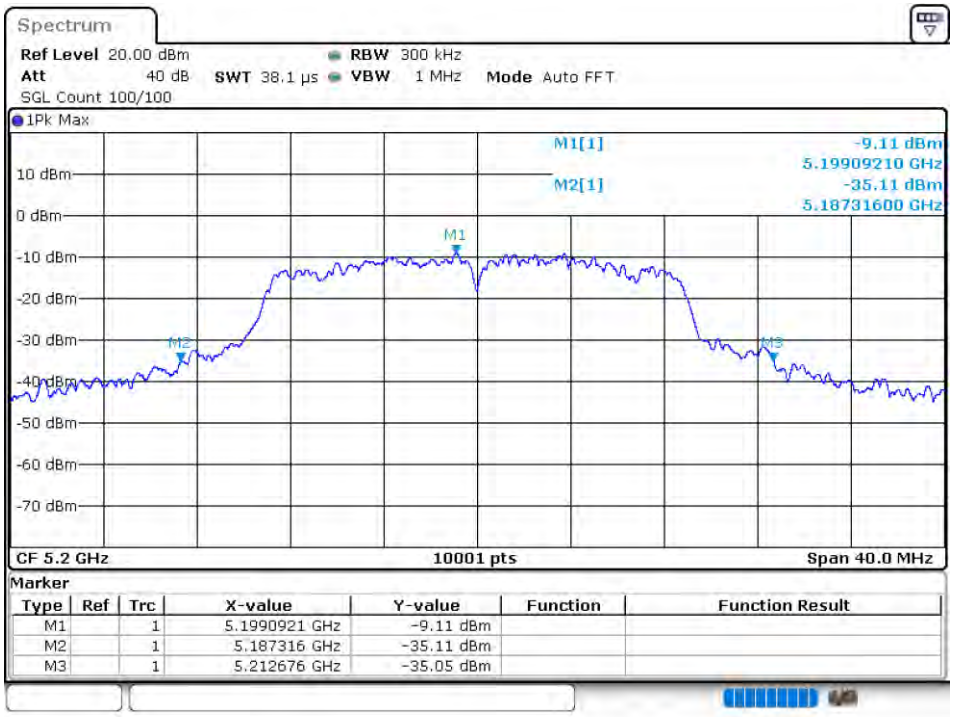


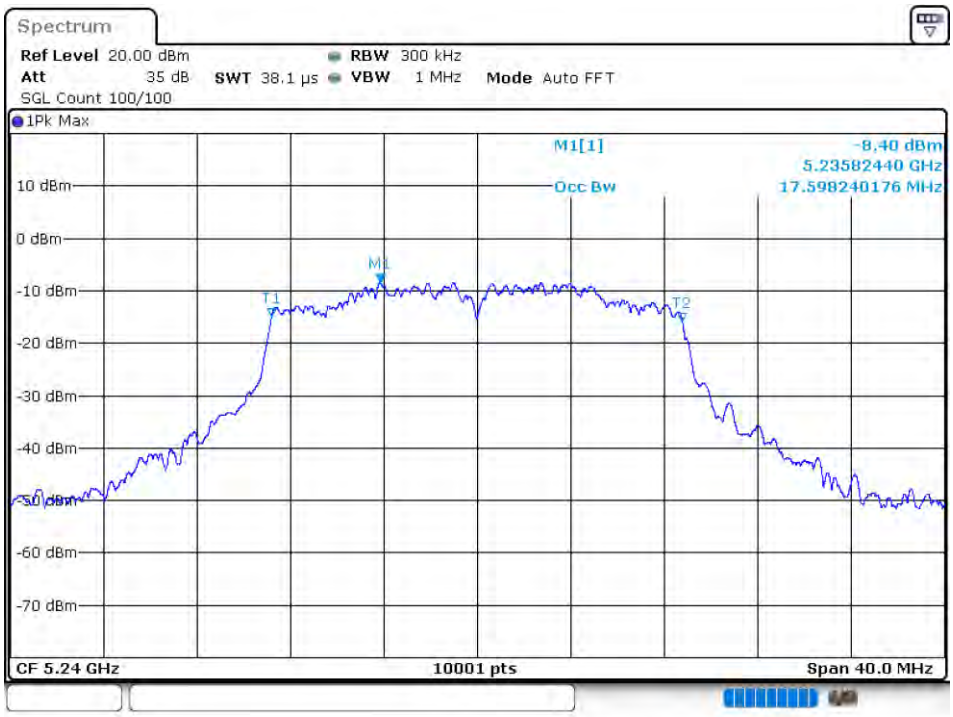
OBW NVNT 802.11ac20 5200MHz Ant 1



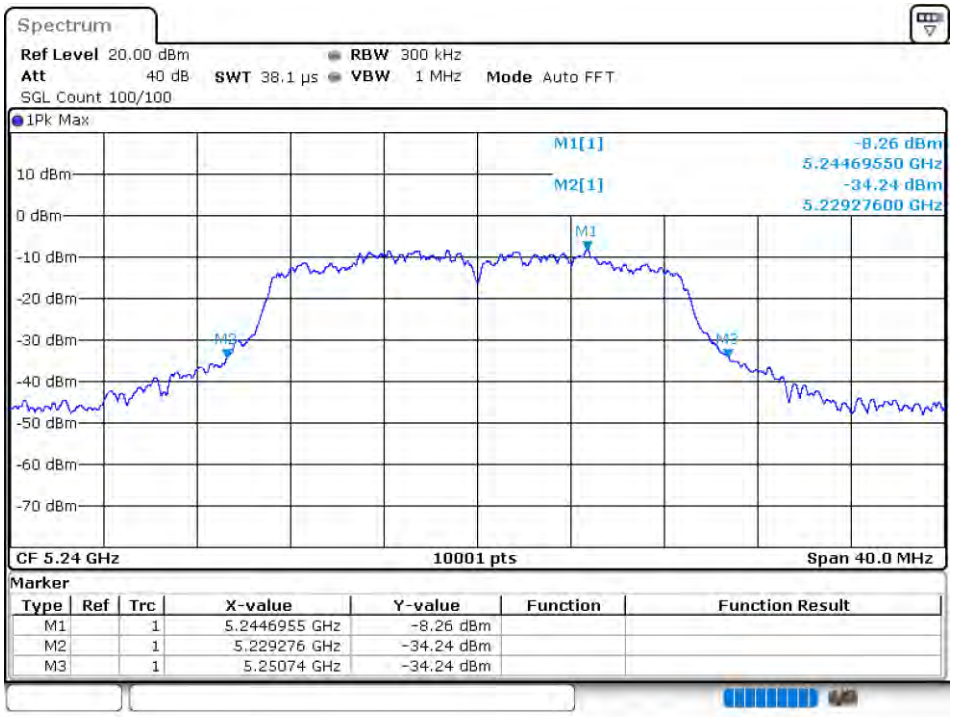
-26 dB BW NVNT 802.11ac20 5200MHz Ant 1



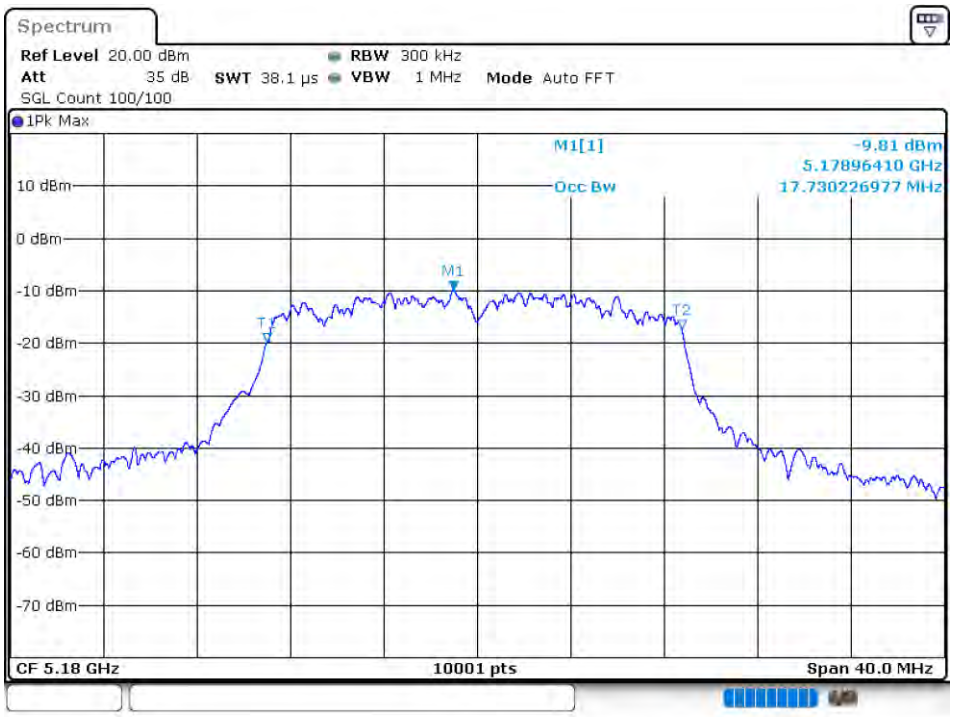
OBW NVNT 802.11ac20 5240MHz Ant 1



-26 dB BW NVNT 802.11ac20 5240MHz Ant 1



OBW NVNT 802.11ac20 5180MHz Ant 2



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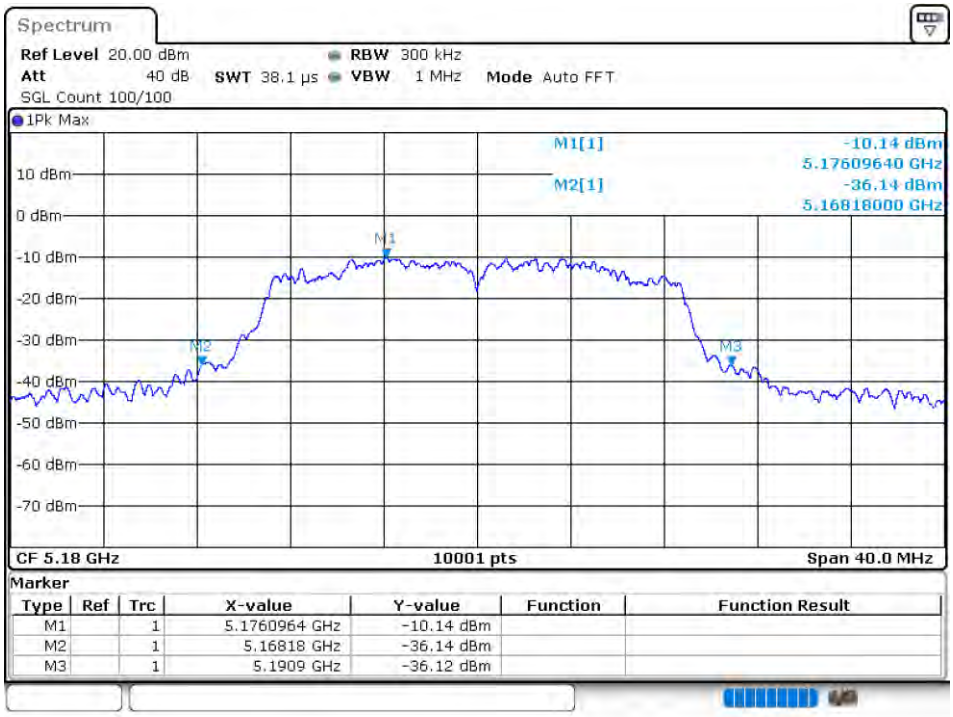
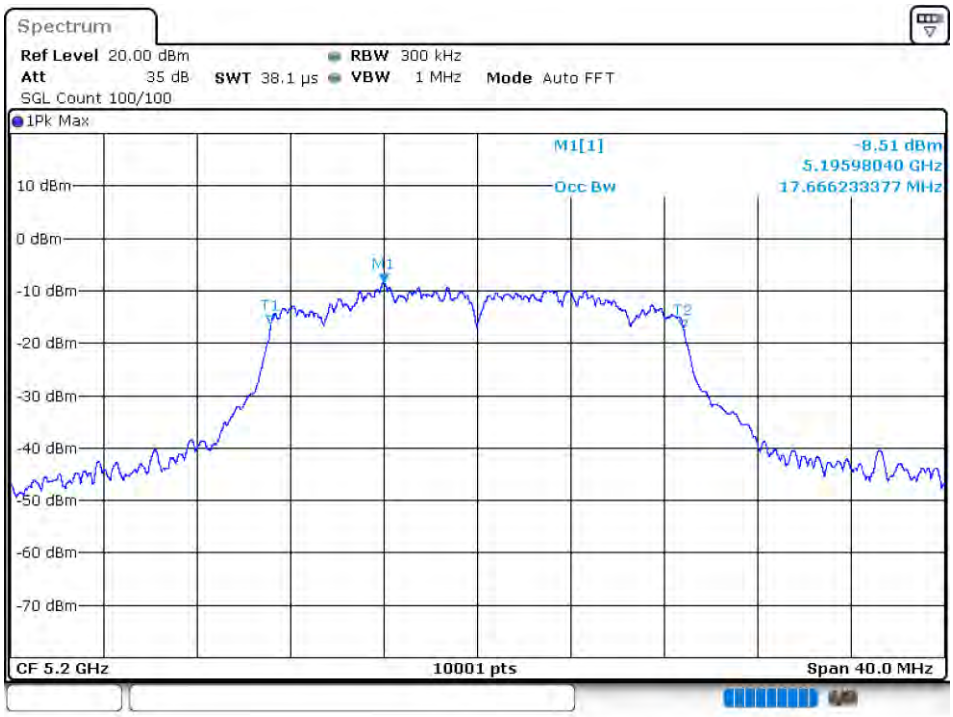


OBW NVNT 802.11ac20 5200MHz Ant 2



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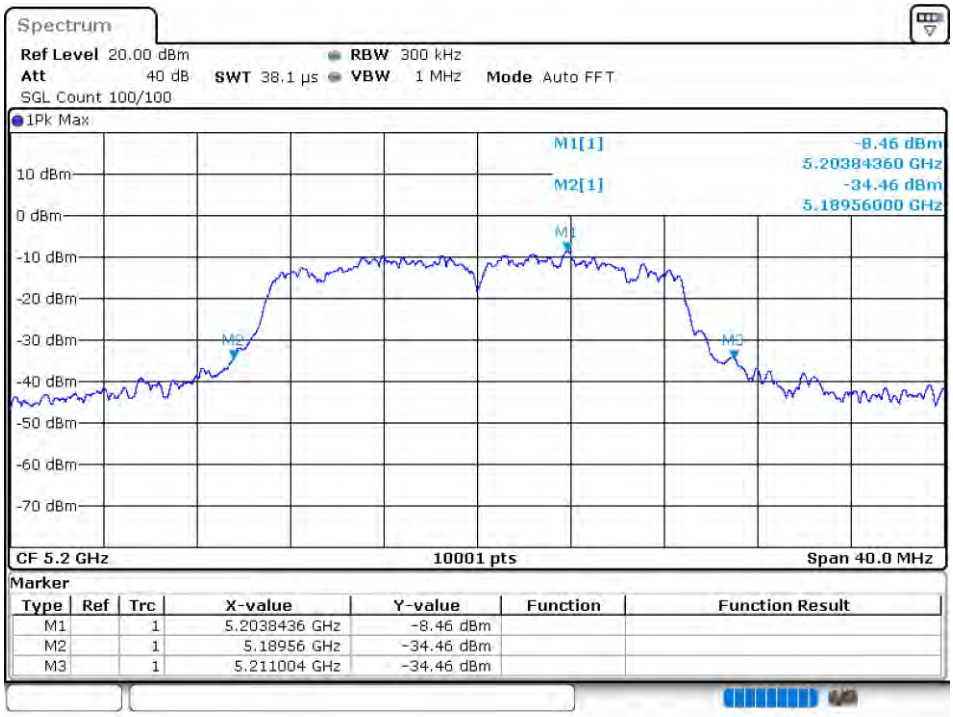
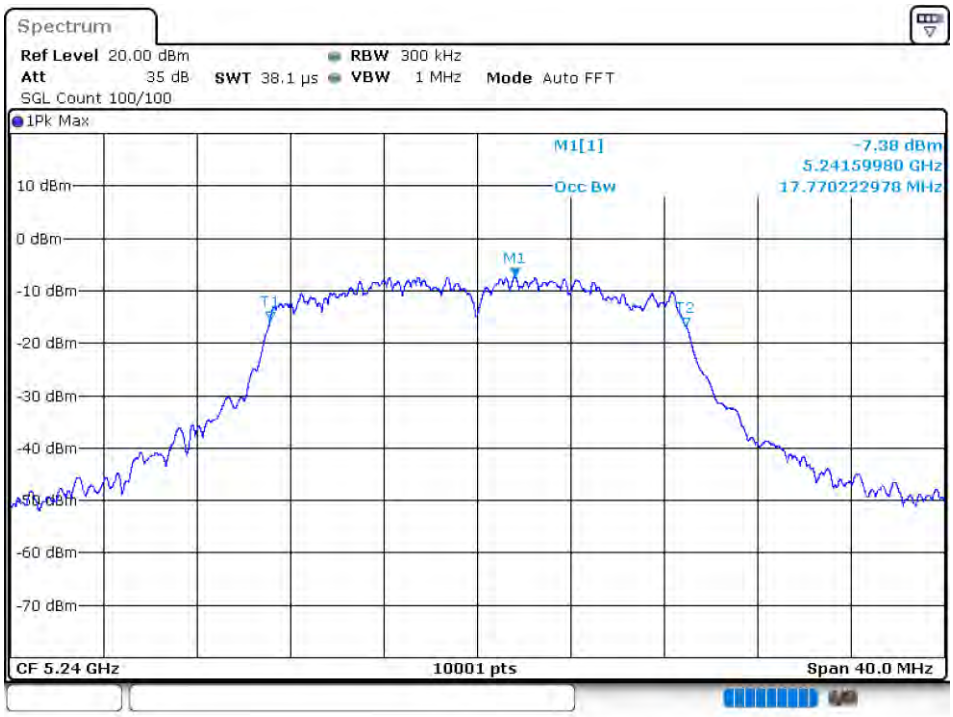
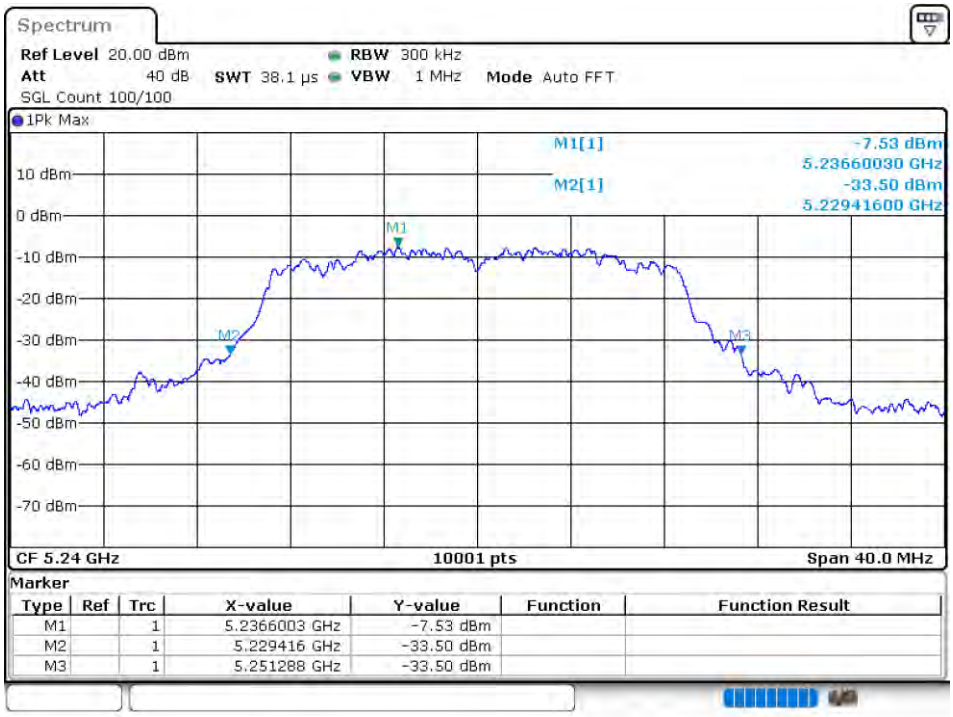


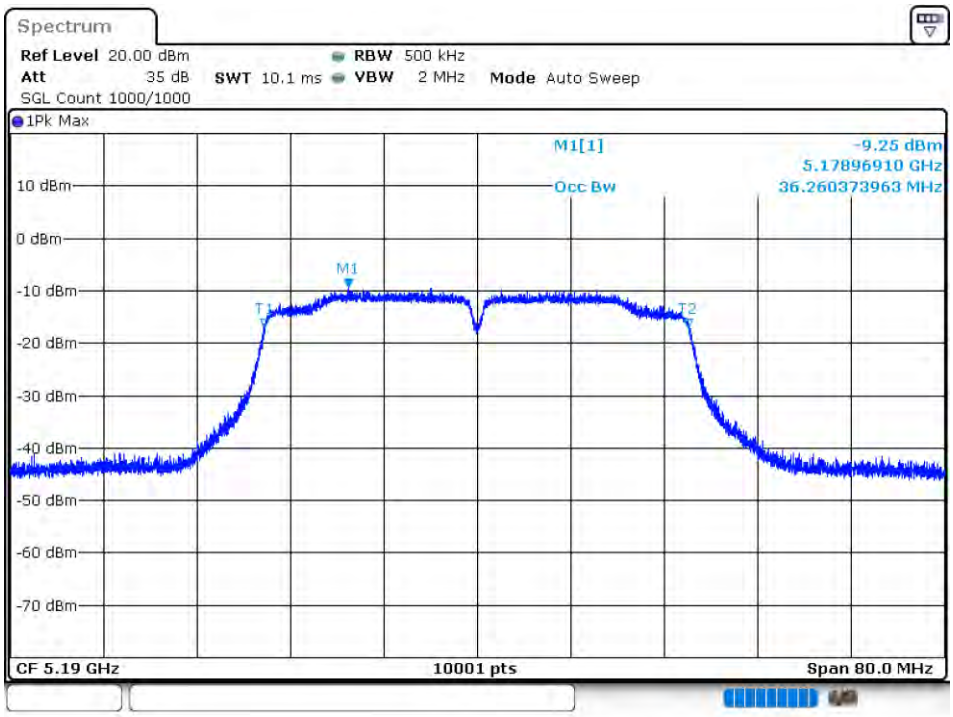
OBW NVNT 802.11ac20 5240MHz Ant 2



-26 dB BW NVNT 802.11ac20 5240MHz Ant 2



OBW NVNT 802.11ac40 5190MHz Ant 1



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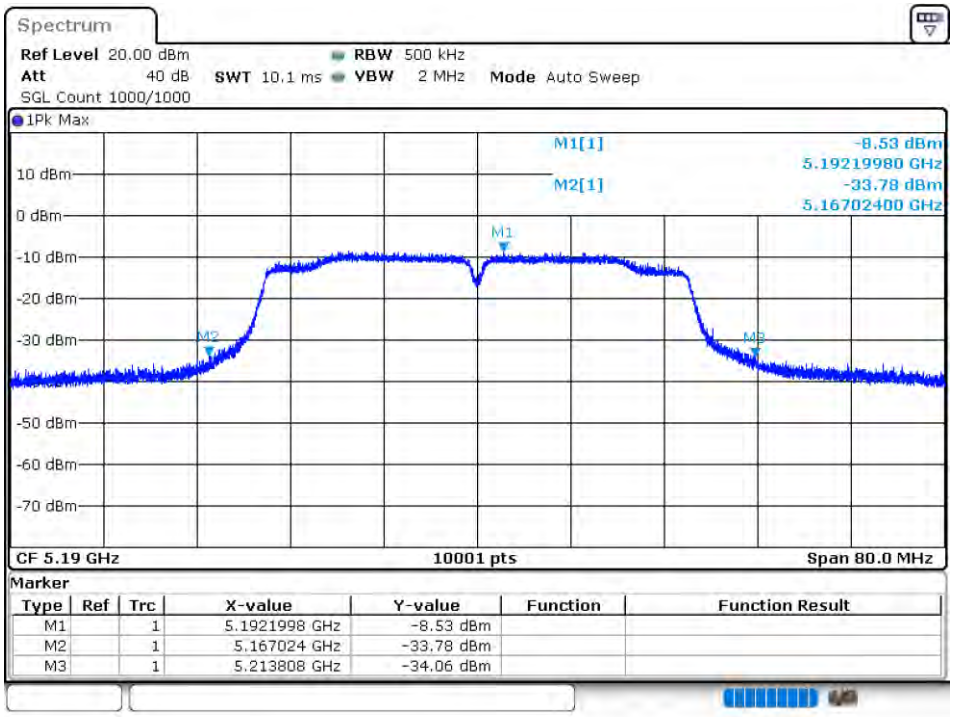
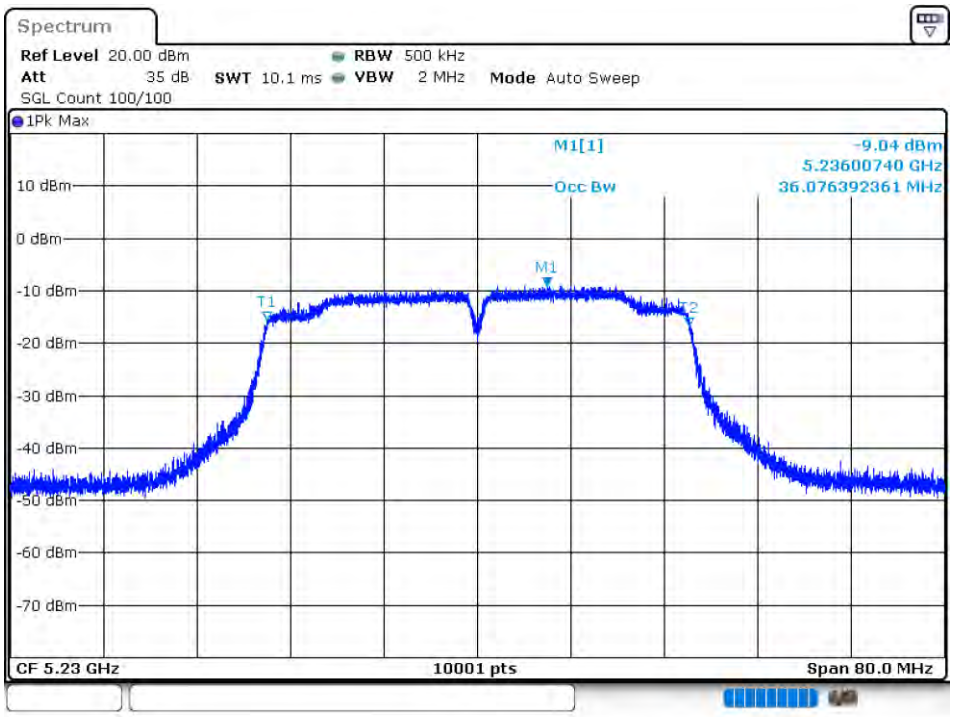
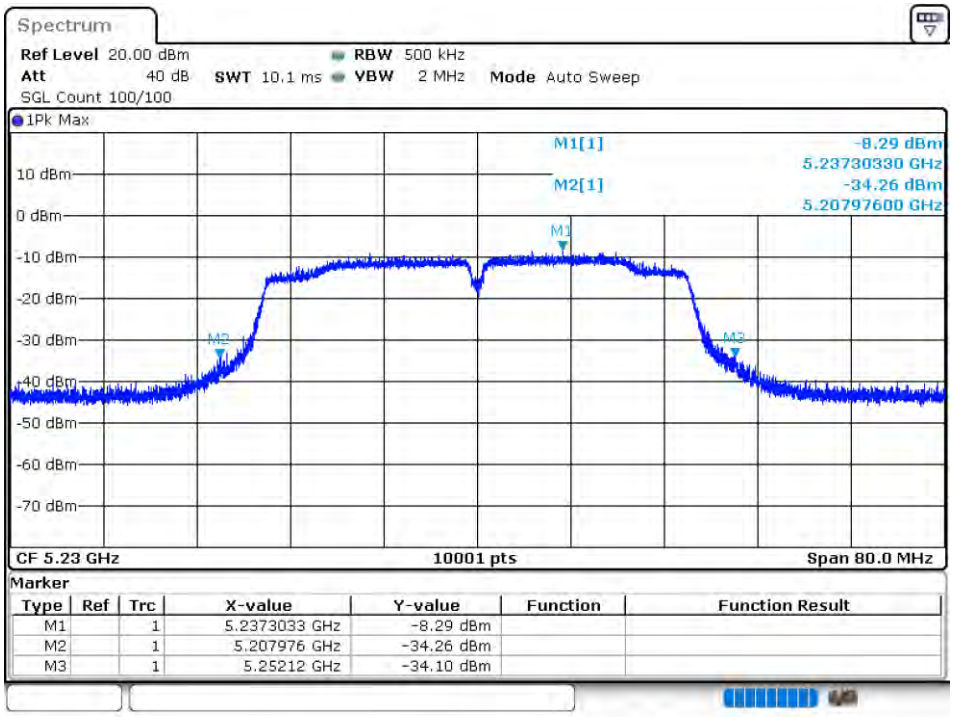


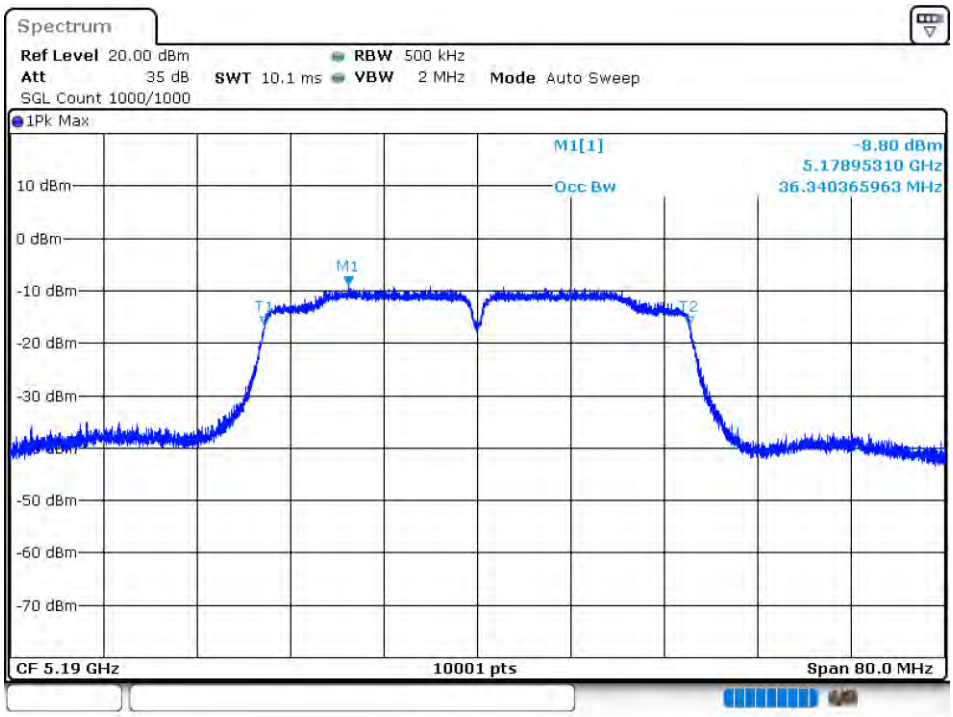
OBW NVNT 802.11ac40 5230MHz Ant 1



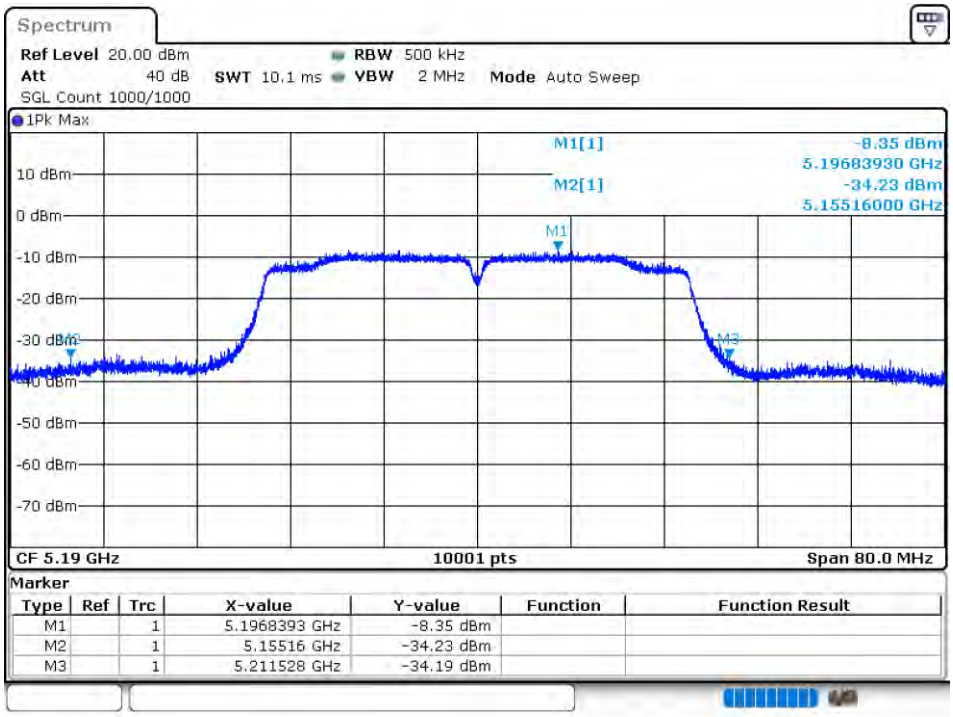
-26 dB BW NVNT 802.11ac40 5230MHz Ant 1



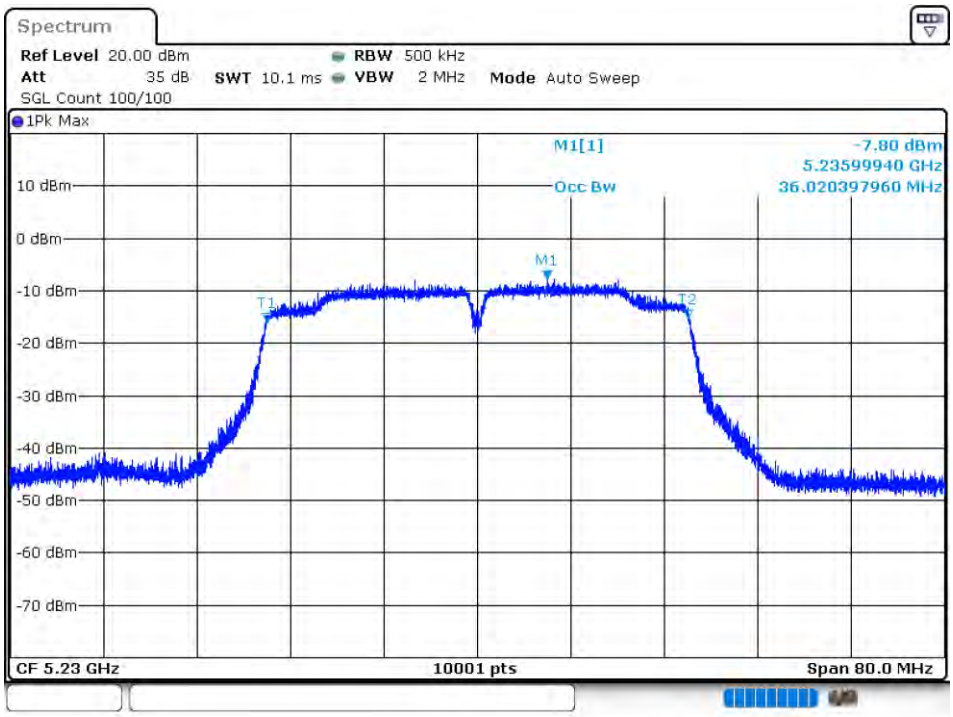
OBW NVNT 802.11ac40 5190MHz Ant 2



-26 dB BW NVNT 802.11ac40 5190MHz Ant 2



OBW NVNT 802.11ac40 5230MHz Ant 2



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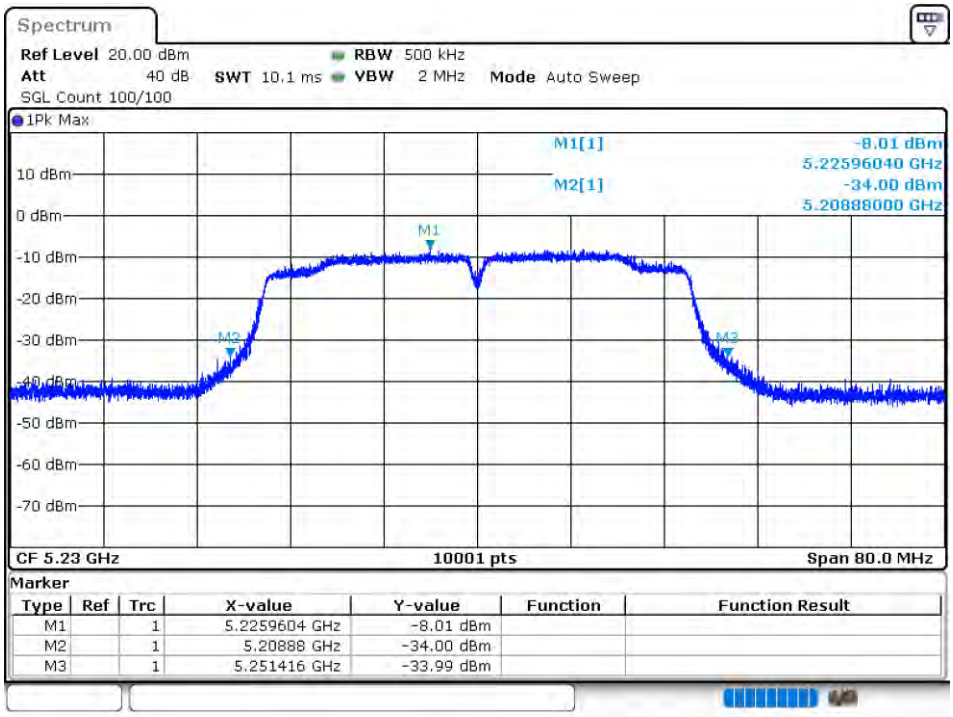
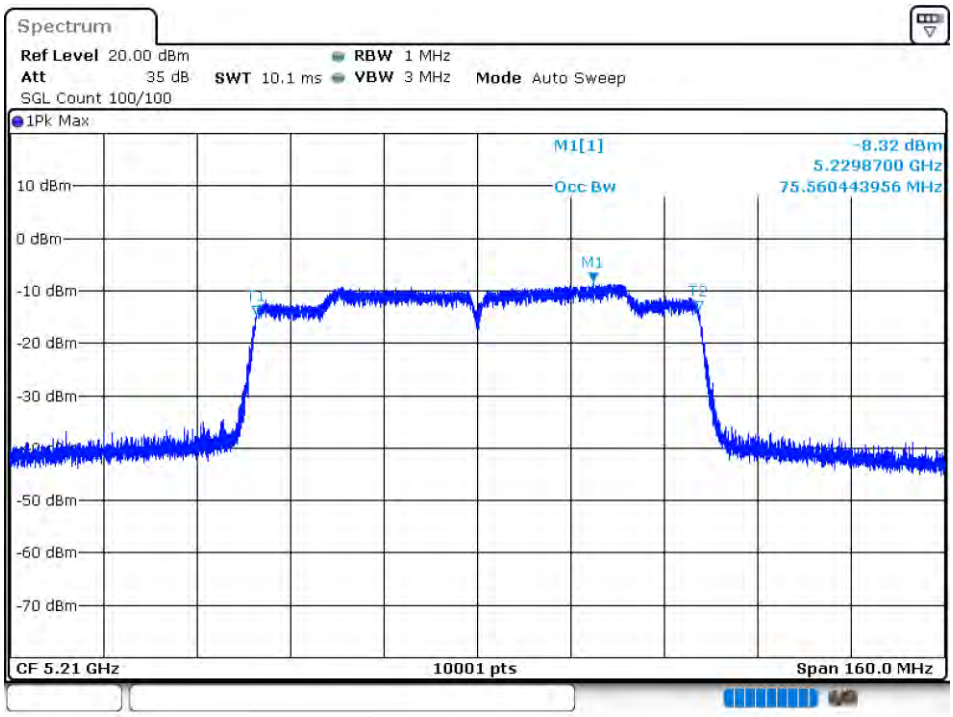
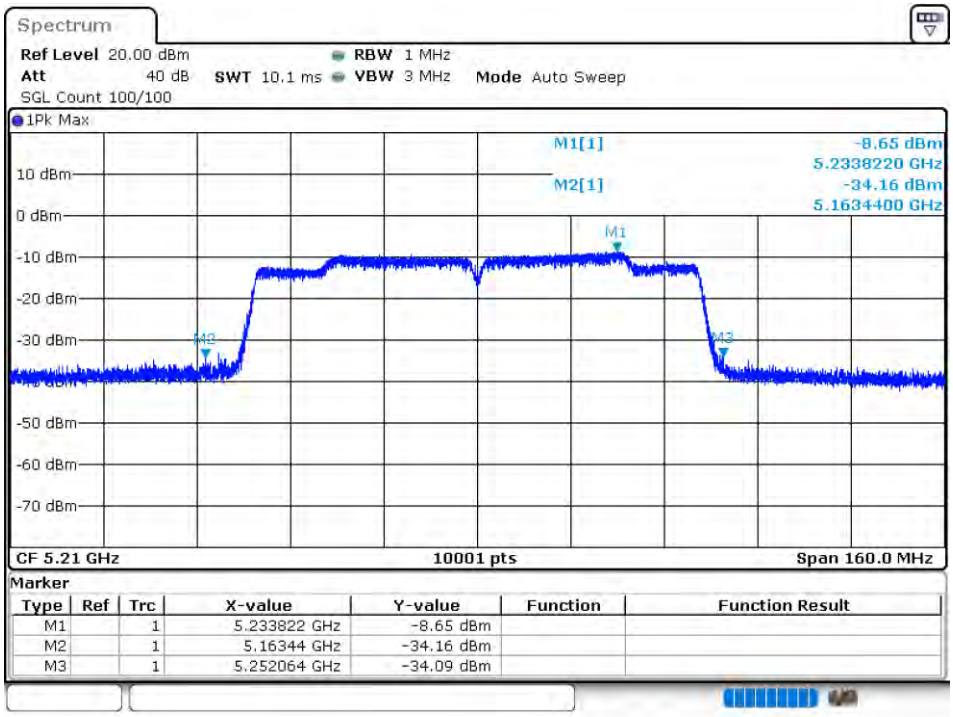


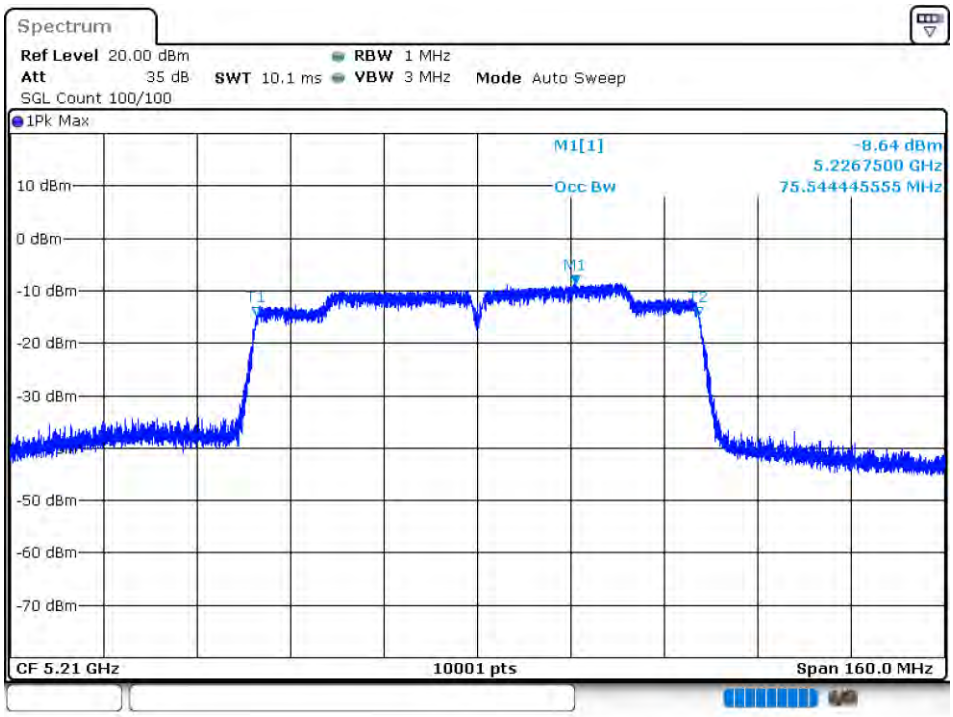
OBW NVNT 802.11ac80 5210MHz Ant 1



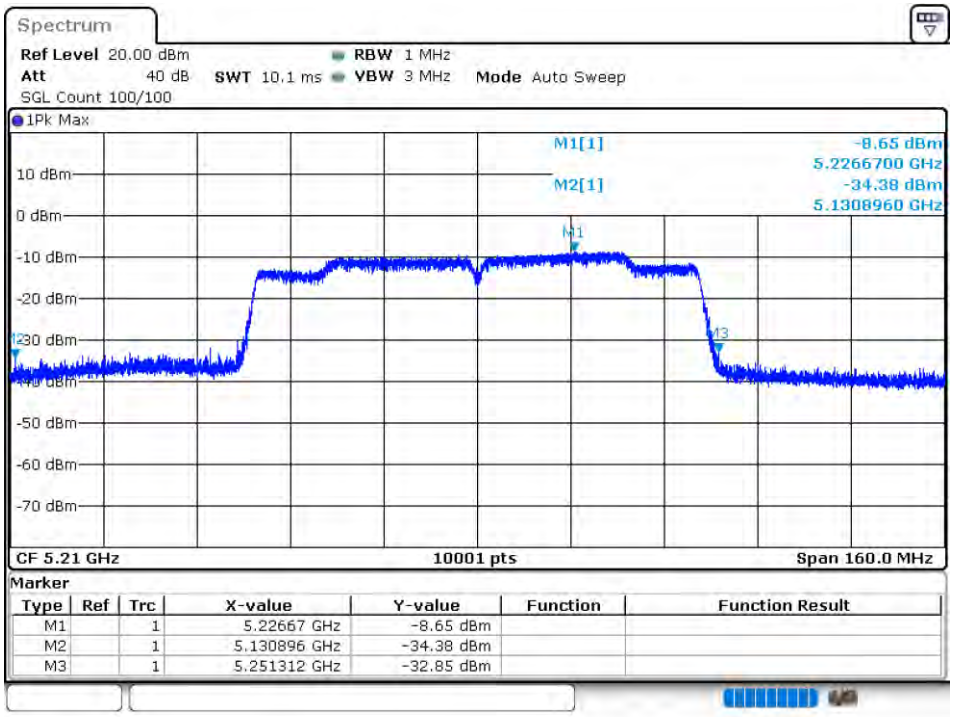
-26 dB BW NVNT 802.11ac80 5210MHz Ant 1



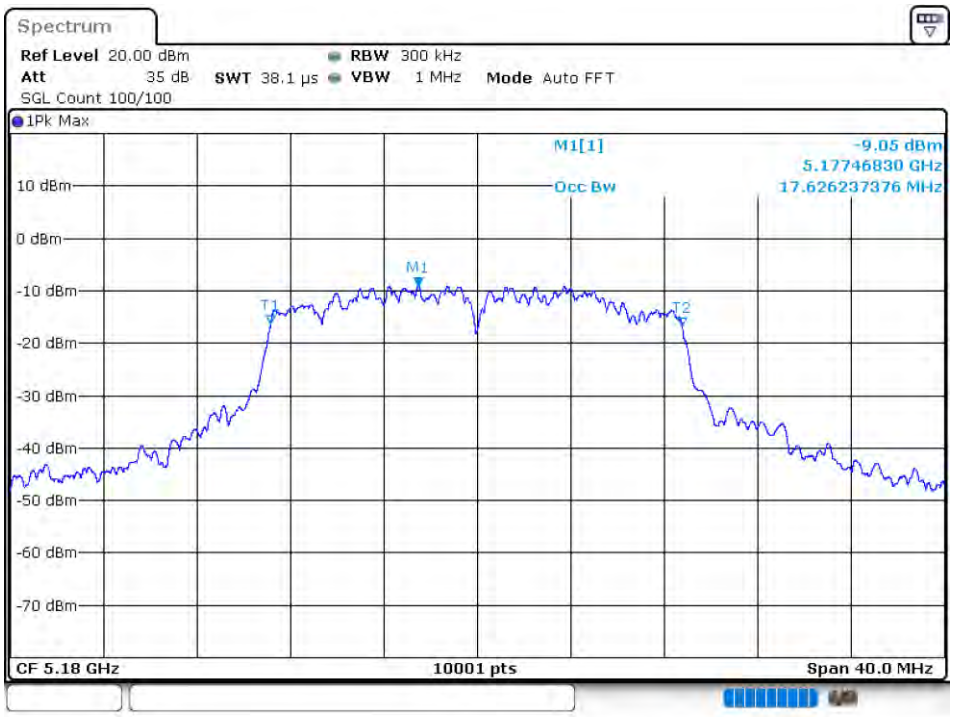
OBW NVNT 802.11ac80 5210MHz Ant 2



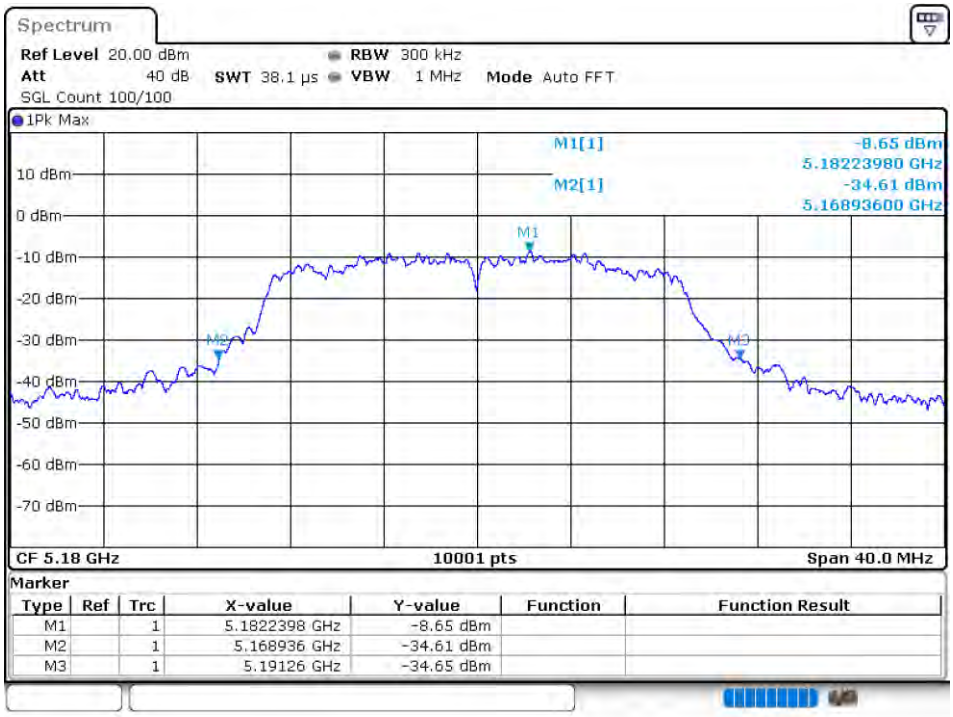
-26 dB BW NVNT 802.11ac80 5210MHz Ant 2



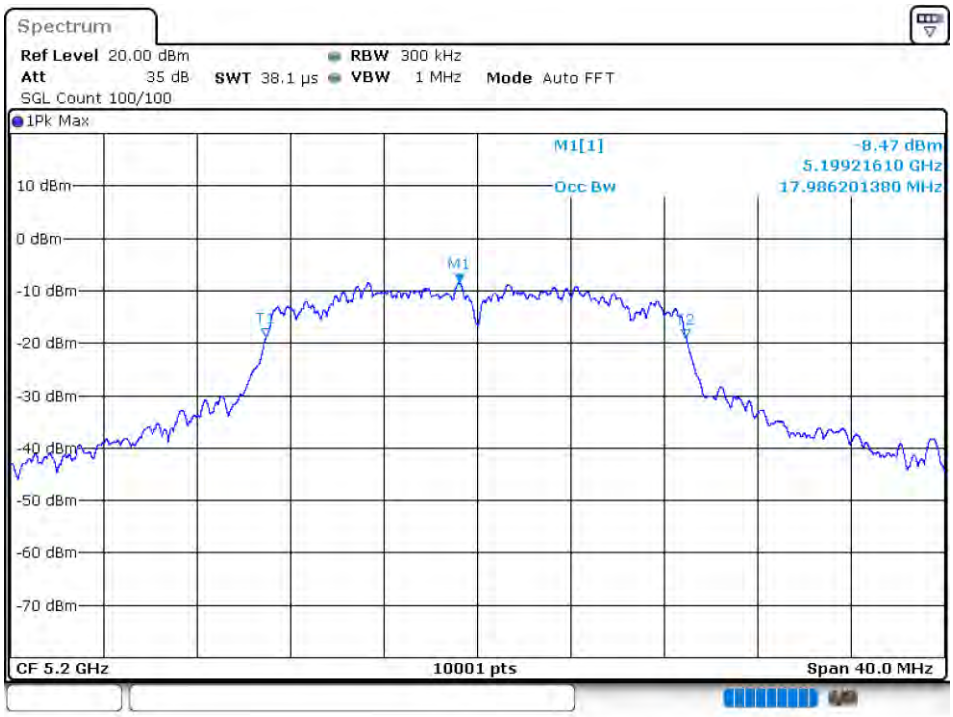
OBW NVNT 802.11n(HT20) 5180MHz Ant 1



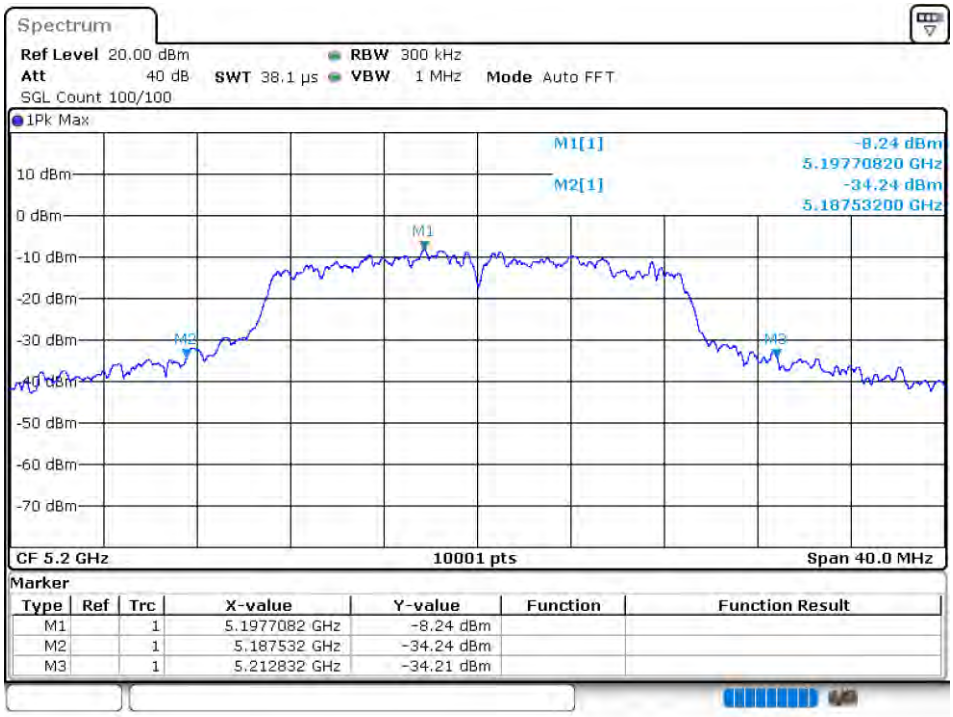
-26 dB BW NVNT 802.11n(HT20) 5180MHz Ant 1



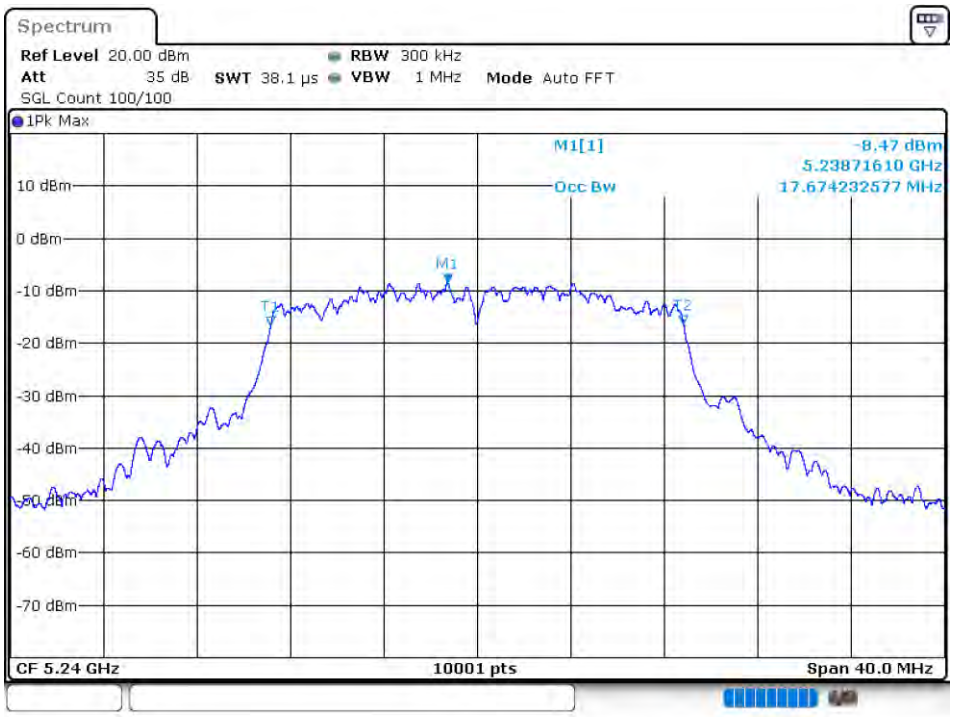
OBW NVNT 802.11n(HT20) 5200MHz Ant 1



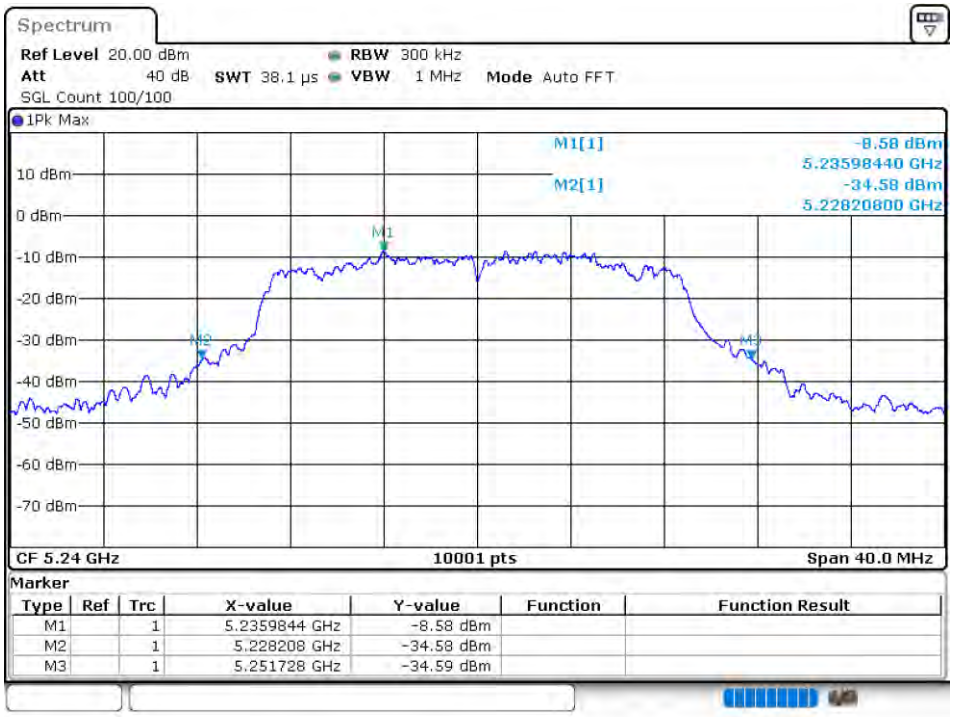
-26 dB BW NVNT 802.11n(HT20) 5200MHz Ant 1



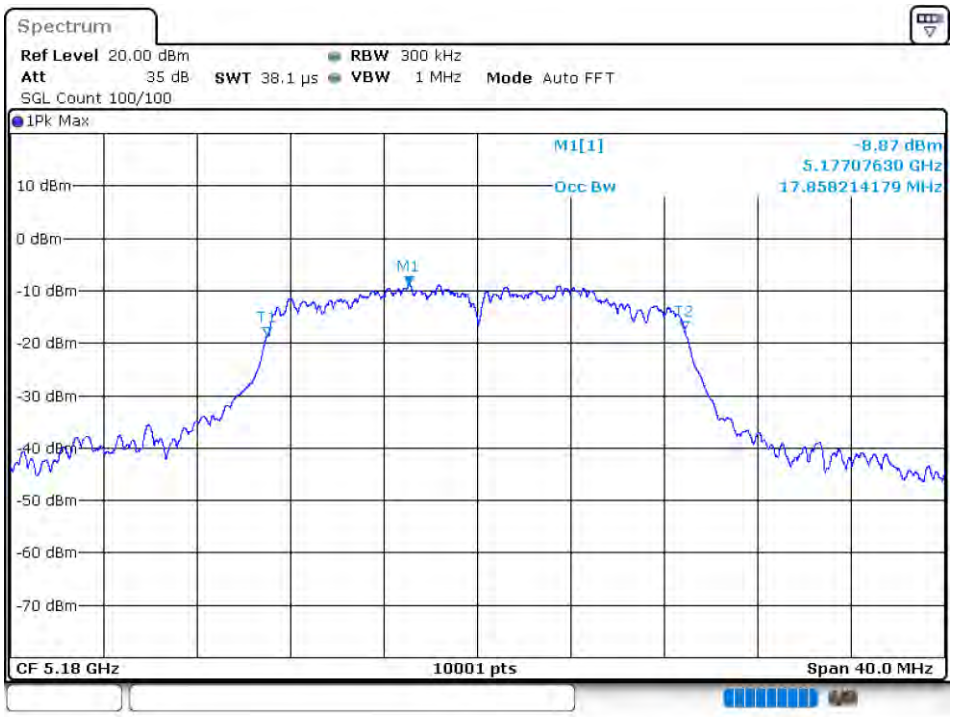
OBW NVNT 802.11n(HT20) 5240MHz Ant 1



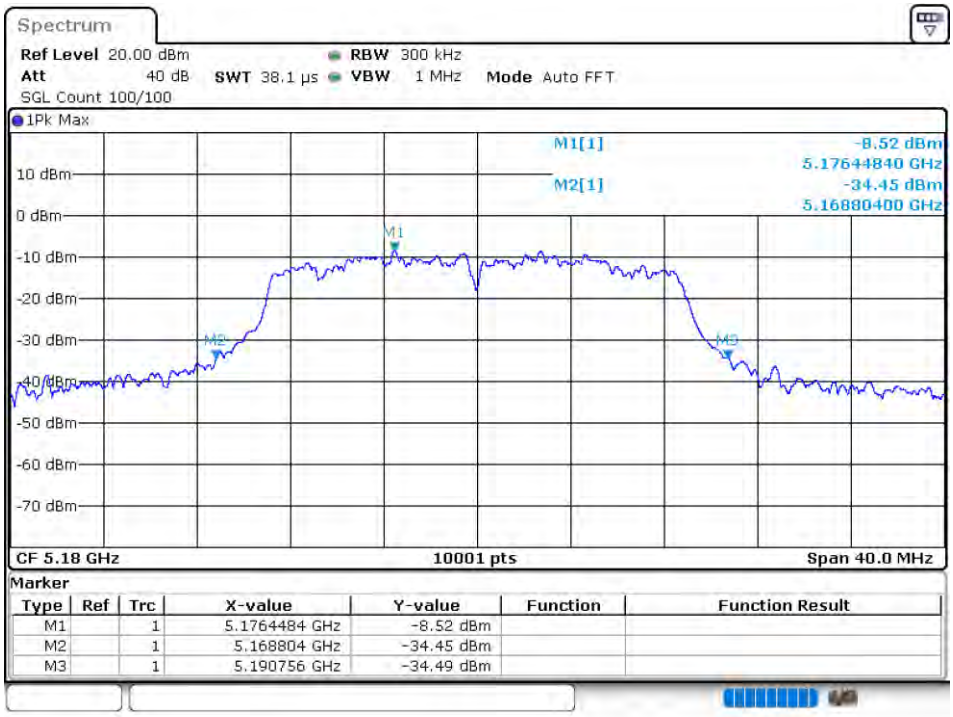
-26 dB BW NVNT 802.11n(HT20) 5240MHz Ant 1



OBW NVNT 802.11n(HT20) 5180MHz Ant 2



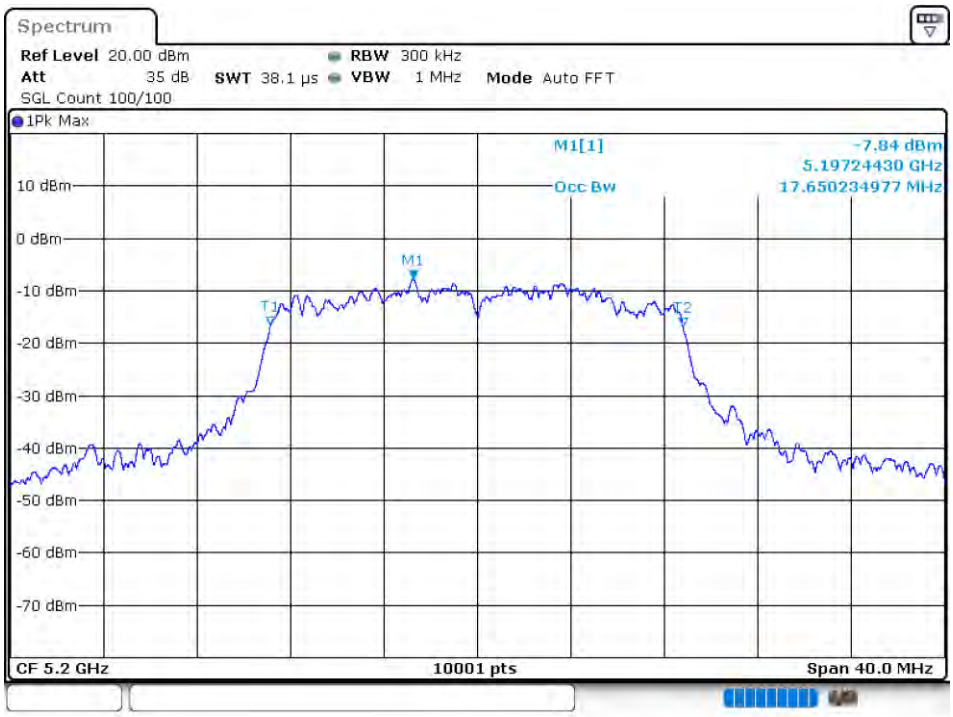
-26 dB BW NVNT 802.11n(HT20) 5180MHz Ant 2



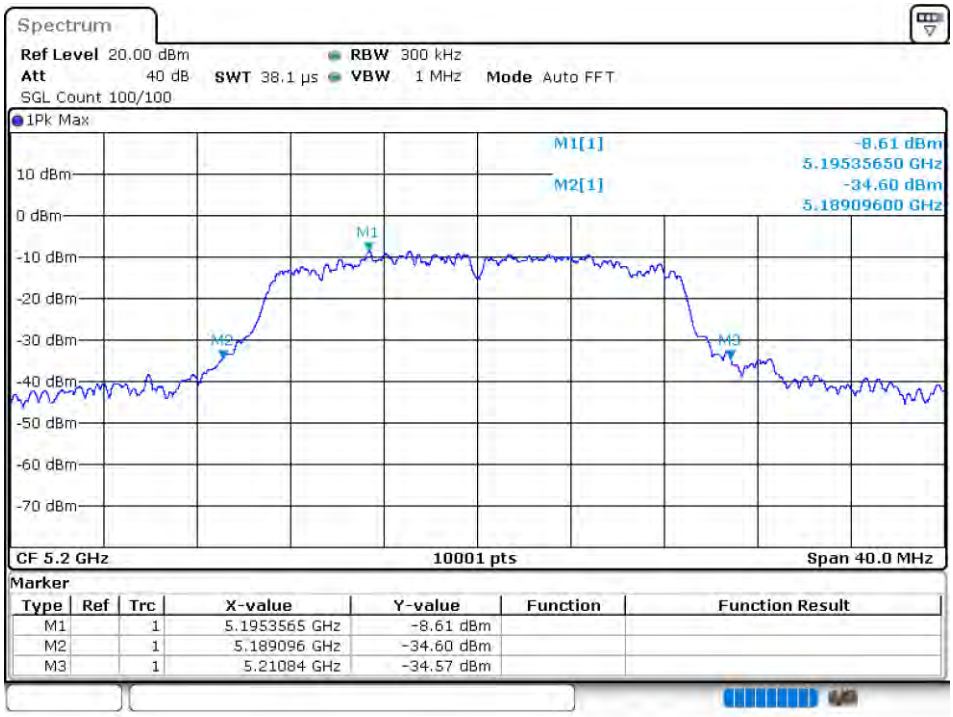
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1764484 GHz	-8.52 dBm		
M2		1	5.168804 GHz	-34.45 dBm		
M3		1	5.190756 GHz	-34.49 dBm		

OBW NVNT 802.11n(HT20) 5200MHz Ant 2



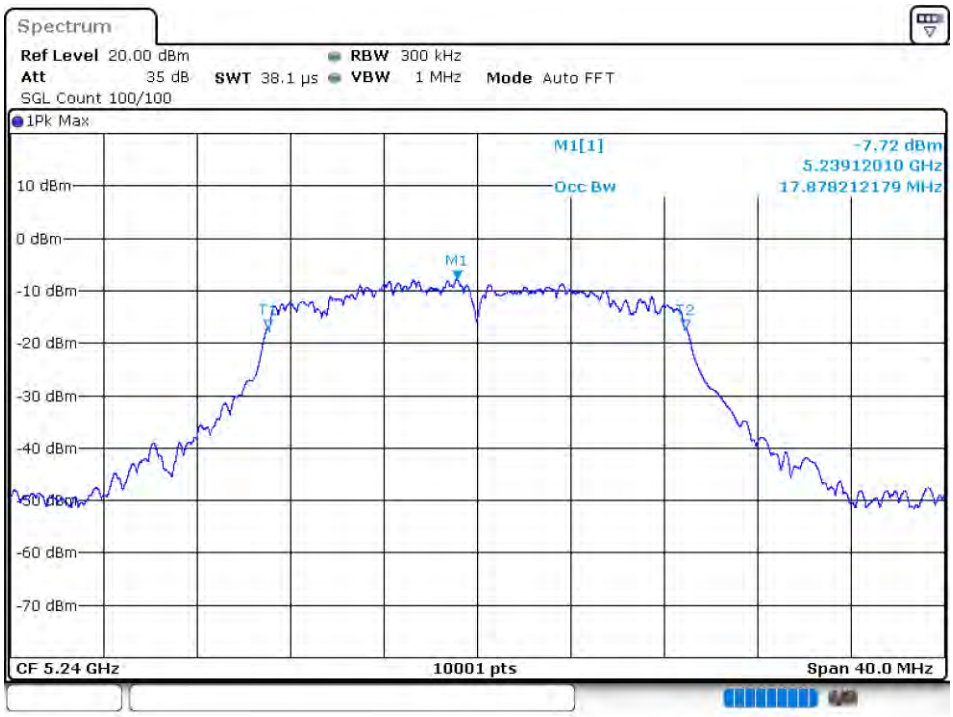
-26 dB BW NVNT 802.11n(HT20) 5200MHz Ant 2



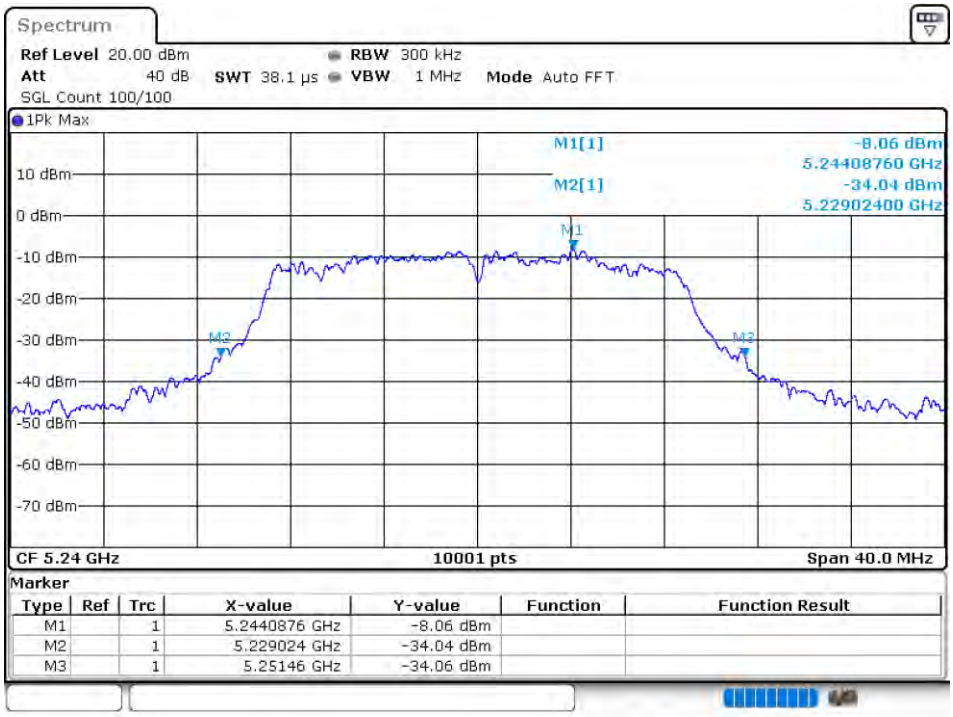
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1953565 GHz	-8.61 dBm		
M2		1	5.189096 GHz	-34.60 dBm		
M3		1	5.21084 GHz	-34.57 dBm		

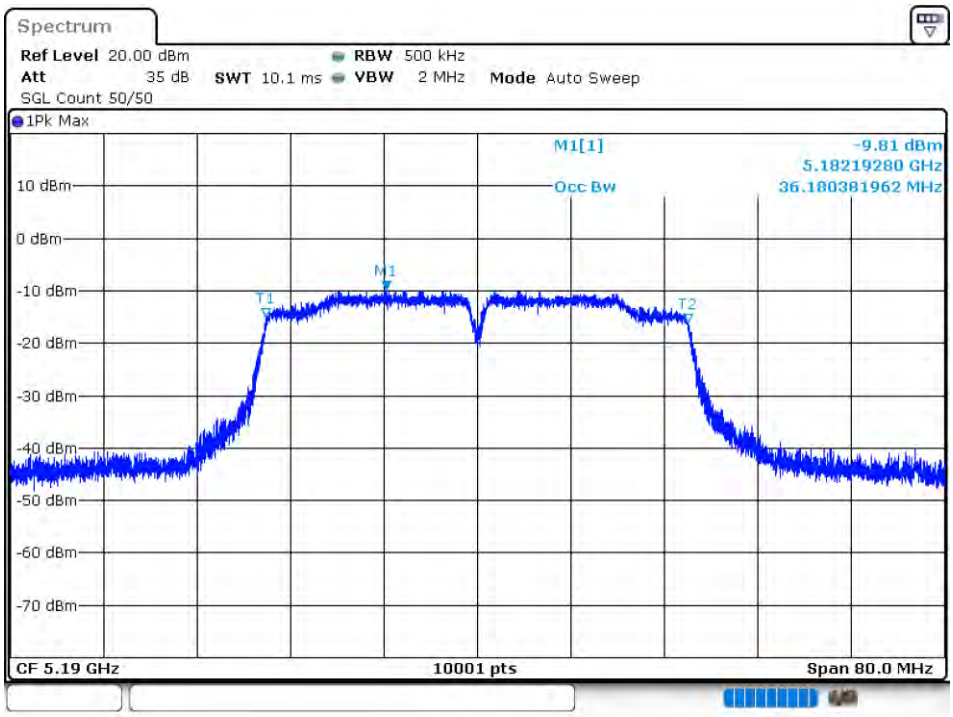
OBW NVNT 802.11n(HT20) 5240MHz Ant 2



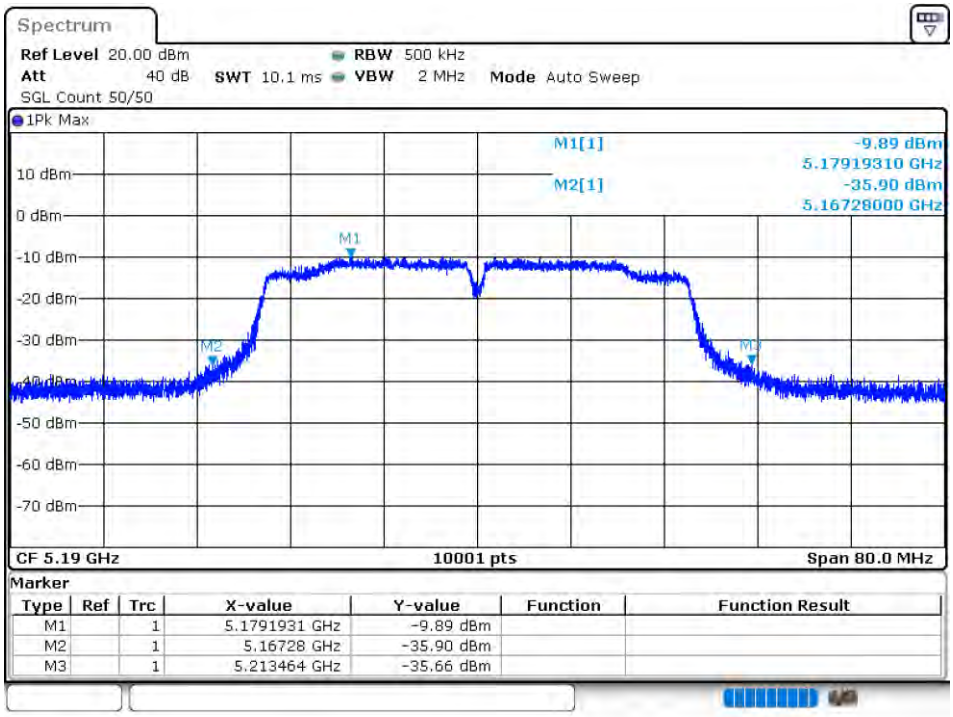
-26 dB BW NVNT 802.11n(HT20) 5240MHz Ant 2



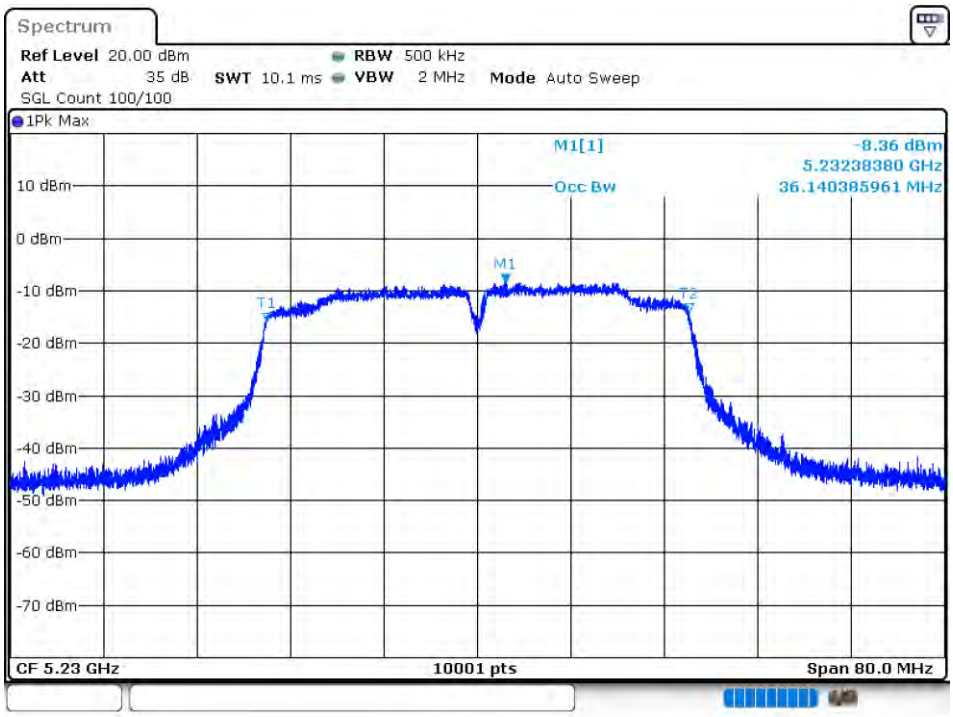
OBW NVNT 802.11n(HT40) 5190MHz Ant 1



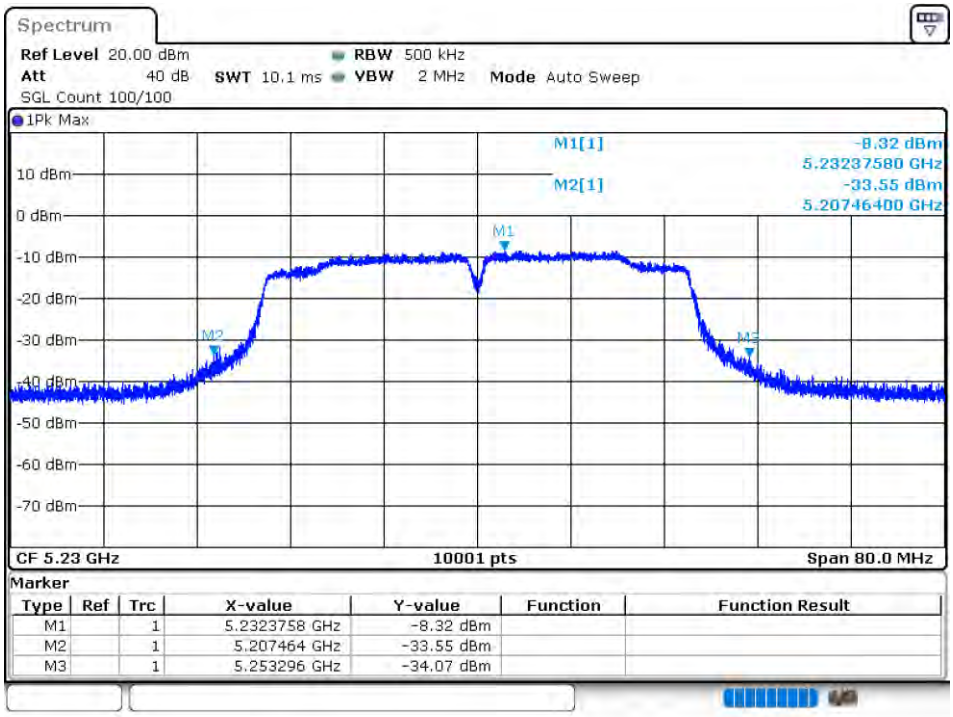
-26 dB BW NVNT 802.11n(HT40) 5190MHz Ant 1



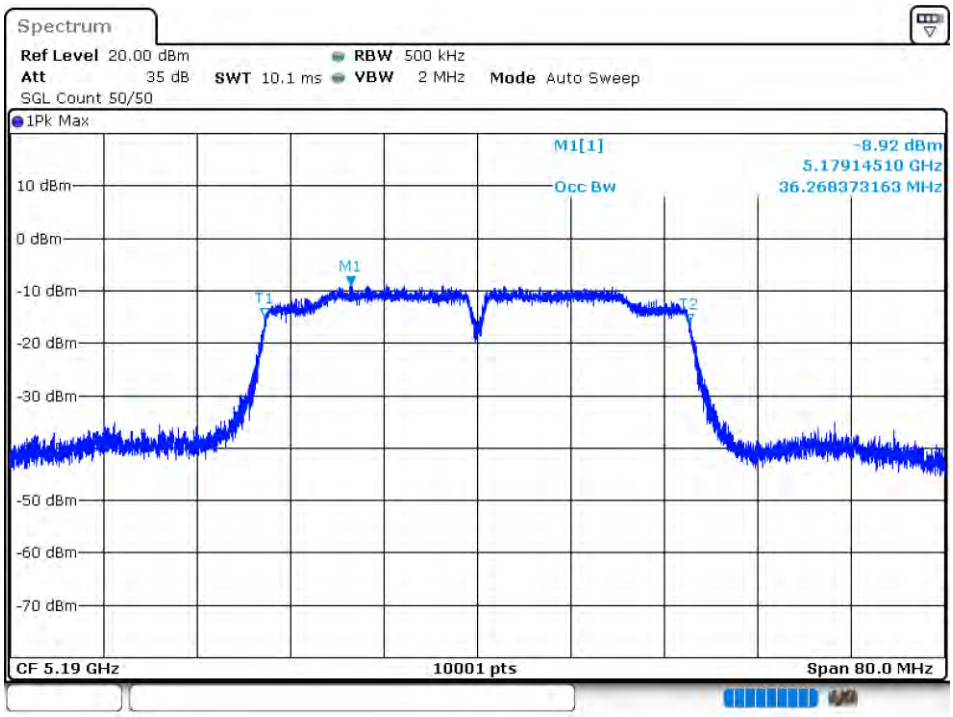
OBW NVNT 802.11n(HT40) 5230MHz Ant 1



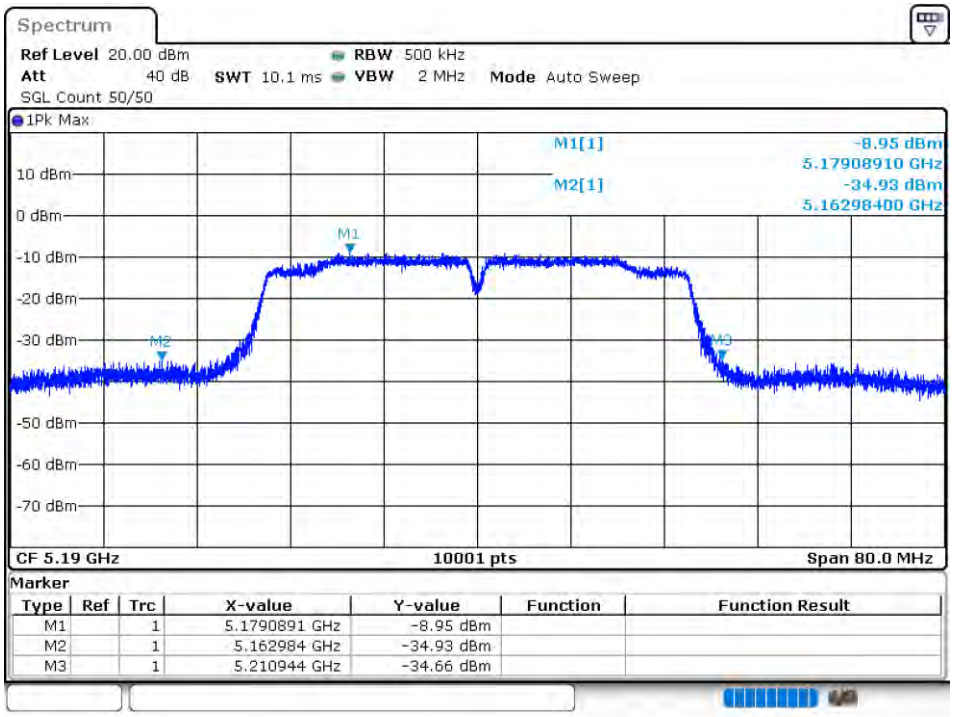
-26 dB BW NVNT 802.11n(HT40) 5230MHz Ant 1



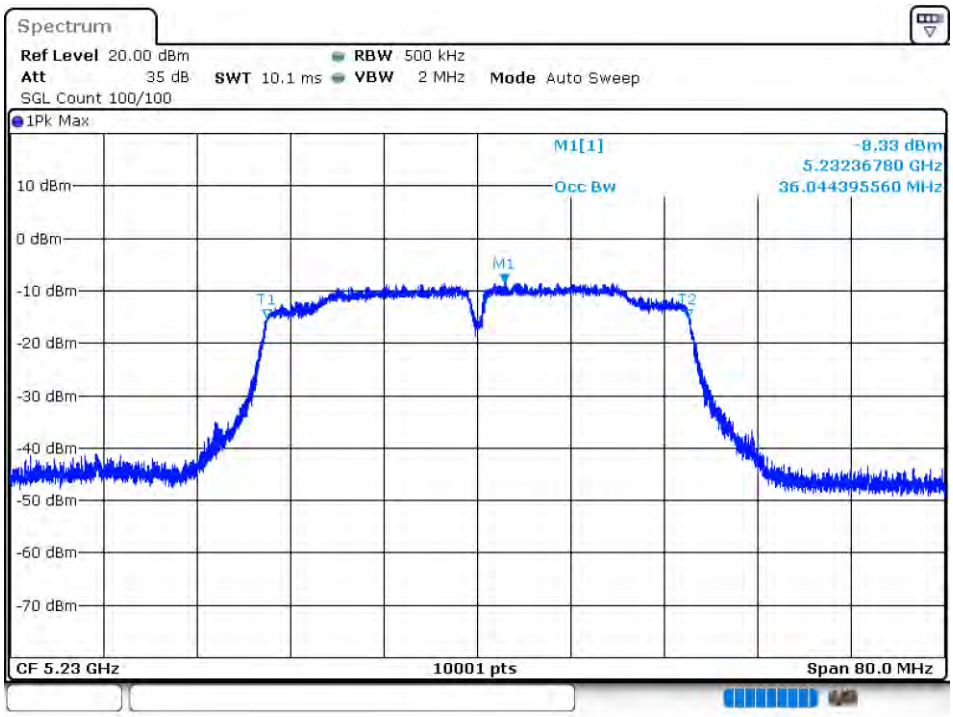
OBW NVNT 802.11n(HT40) 5190MHz Ant 2



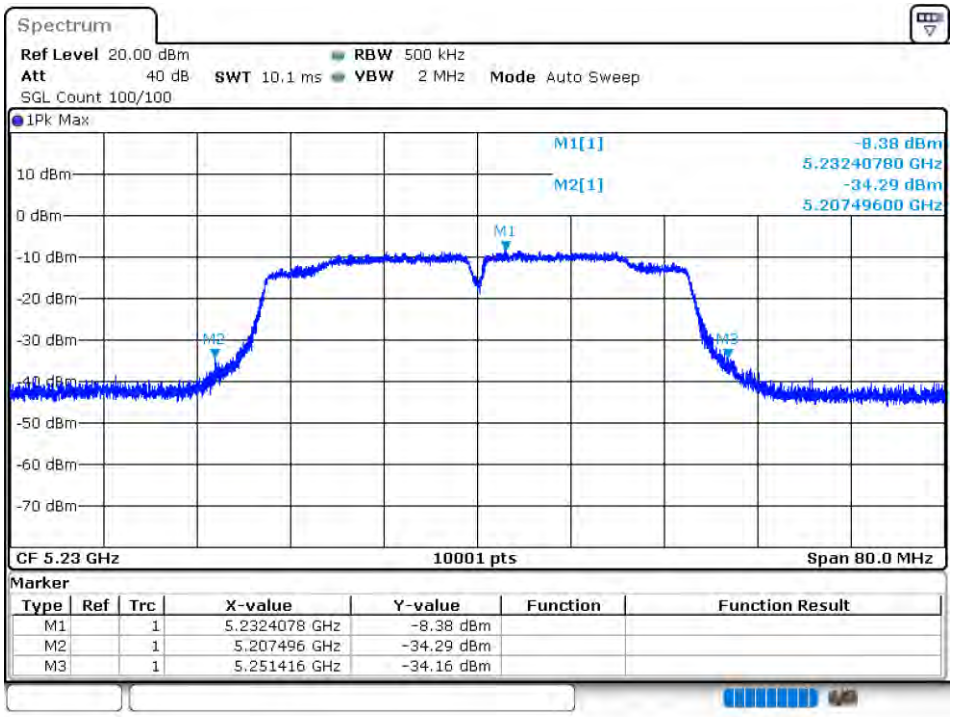
-26 dB BW NVNT 802.11n(HT40) 5190MHz Ant 2



OBW NVNT 802.11n(HT40) 5230MHz Ant 2



-26 dB BW NVNT 802.11n(HT40) 5230MHz Ant 2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	7.153	11	Pass
NVNT	802.11a	5200	Ant 1	5.401	11	Pass
NVNT	802.11a	5240	Ant 1	7.197	11	Pass
NVNT	802.11a	5180	Ant 2	6.204	11	Pass
NVNT	802.11a	5200	Ant 2	7.528	11	Pass
NVNT	802.11a	5240	Ant 2	7.42	11	Pass
NVNT	802.11ac20	5180	Ant 1	5.408	11	Pass
NVNT	802.11ac20	5200	Ant 1	4.915	11	Pass
NVNT	802.11ac20	5240	Ant 1	5.742	11	Pass
NVNT	802.11ac20	5180	Ant 2	4.107	11	Pass
NVNT	802.11ac20	5200	Ant 2	5.053	11	Pass
NVNT	802.11ac20	5240	Ant 2	6.672	11	Pass
NVNT	802.11ac40	5190	Ant 1	1.568	11	Pass
NVNT	802.11ac40	5230	Ant 1	1.936	11	Pass
NVNT	802.11ac40	5190	Ant 2	1.658	11	Pass
NVNT	802.11ac40	5230	Ant 2	3.702	11	Pass
NVNT	802.11ac80	5210	Ant 1	-1.724	11	Pass
NVNT	802.11ac80	5210	Ant 2	-1.703	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	5.678	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	5.345	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	5.255	11	Pass
NVNT	802.11n(HT20)	5180	Ant 2	5.7	11	Pass
NVNT	802.11n(HT20)	5200	Ant 2	5.299	11	Pass
NVNT	802.11n(HT20)	5240	Ant 2	5.578	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	0.922	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	2.535	11	Pass
NVNT	802.11n(HT40)	5190	Ant 2	1.794	11	Pass
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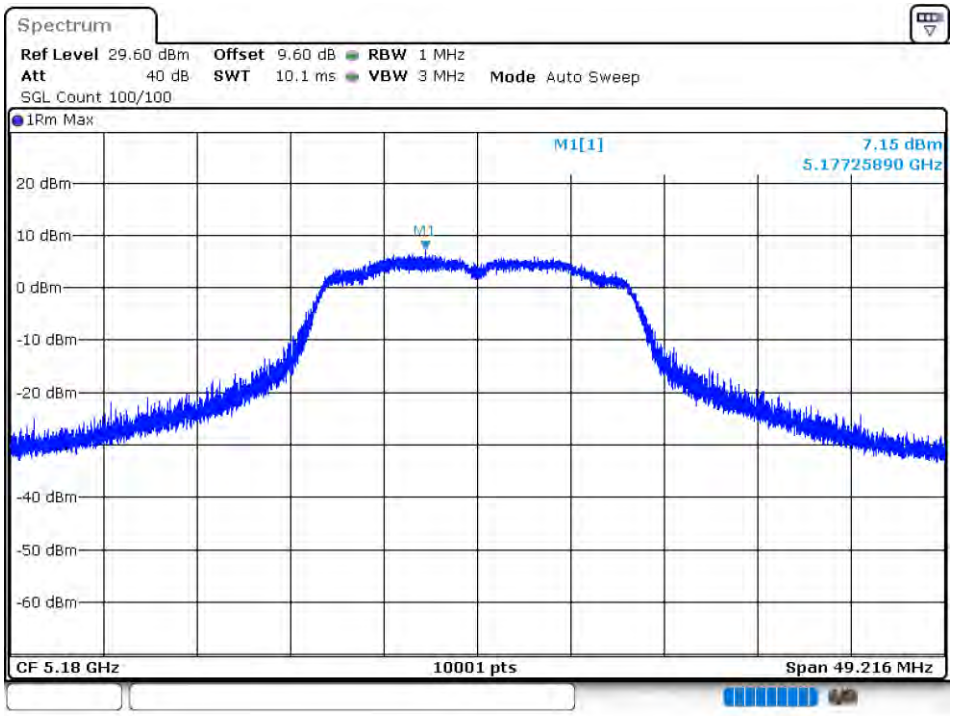
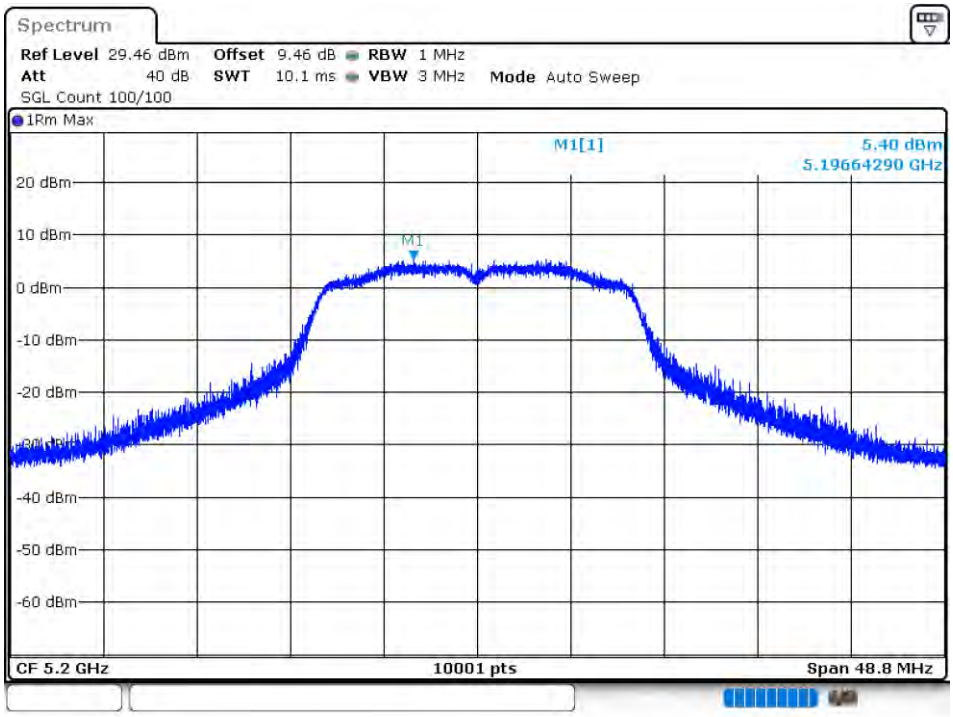
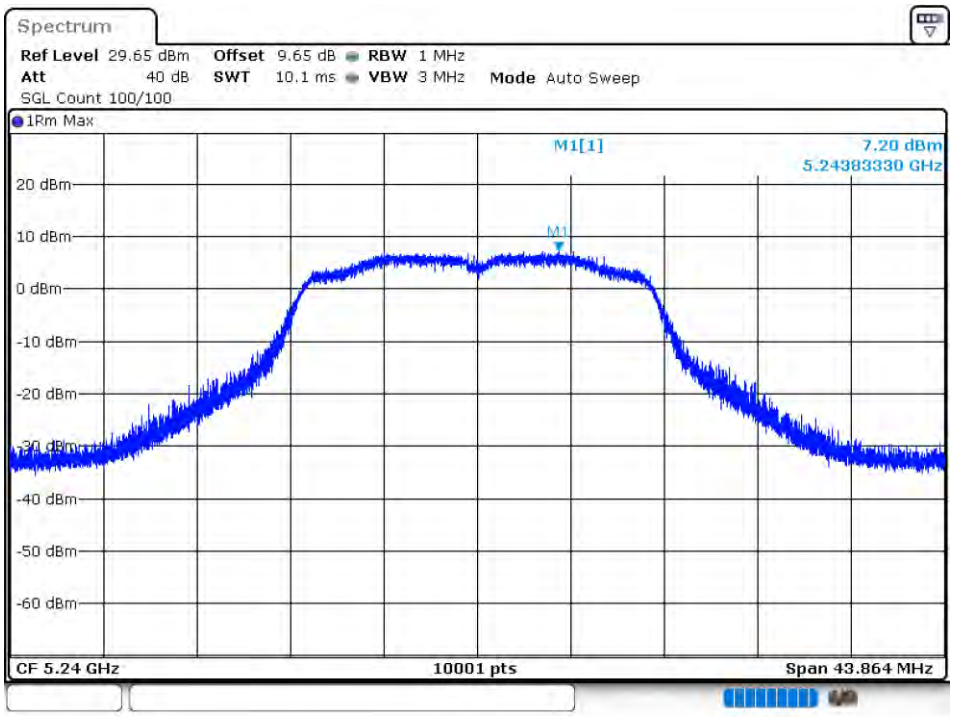
PSD NVNT 802.11a 5180MHz Ant 1



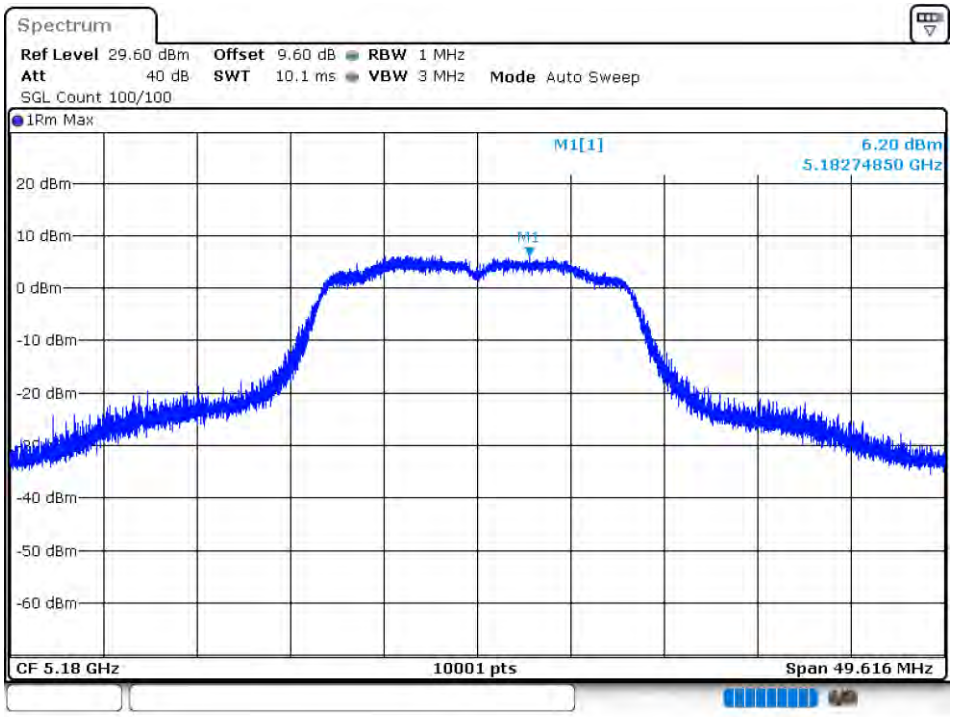
PSD NVNT 802.11a 5200MHz Ant 1



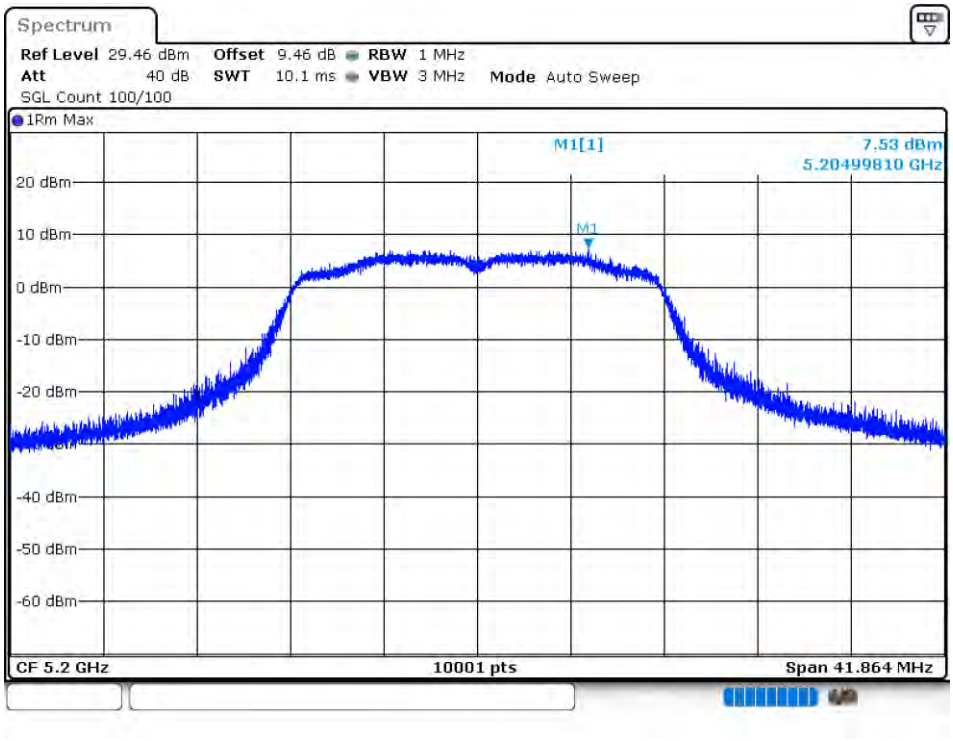
PSD NVNT 802.11a 5240MHz Ant 1



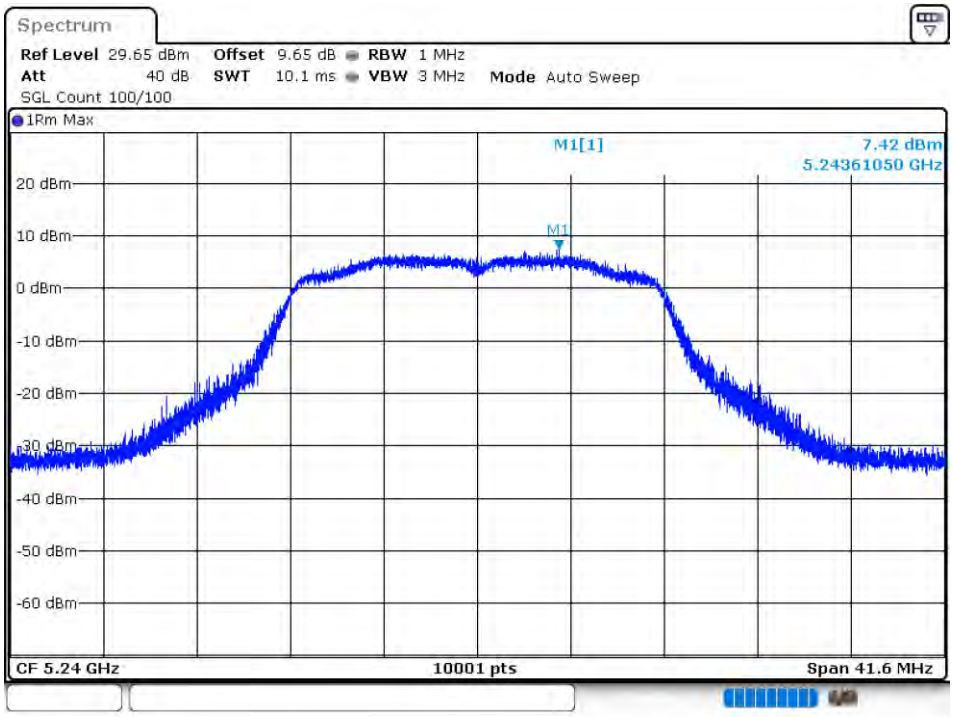
PSD NVNT 802.11a 5180MHz Ant 2



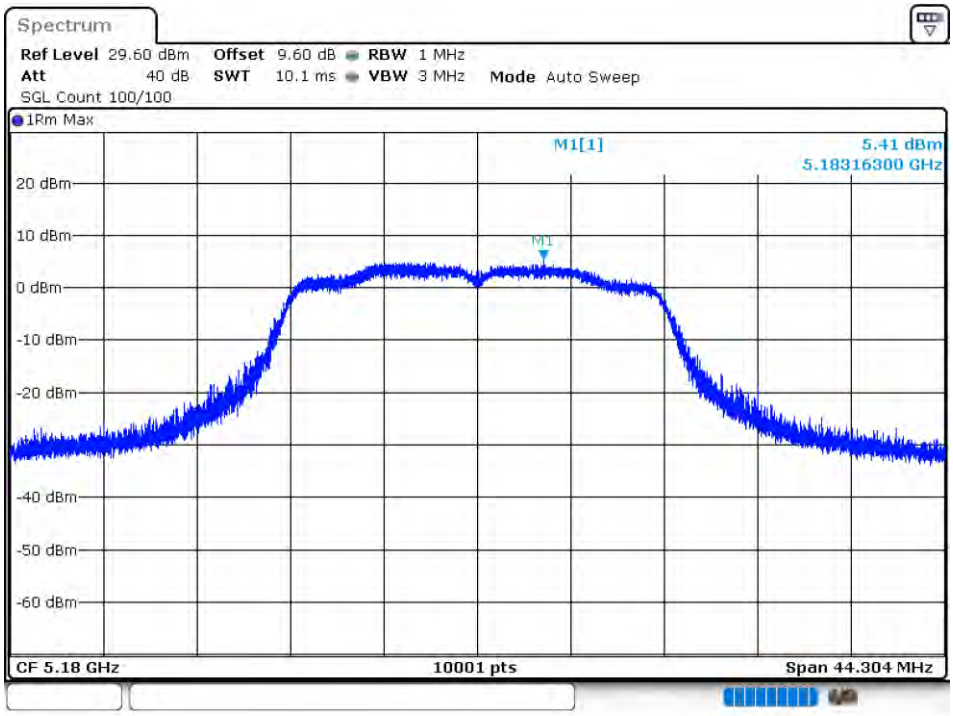
PSD NVNT 802.11a 5200MHz Ant 2



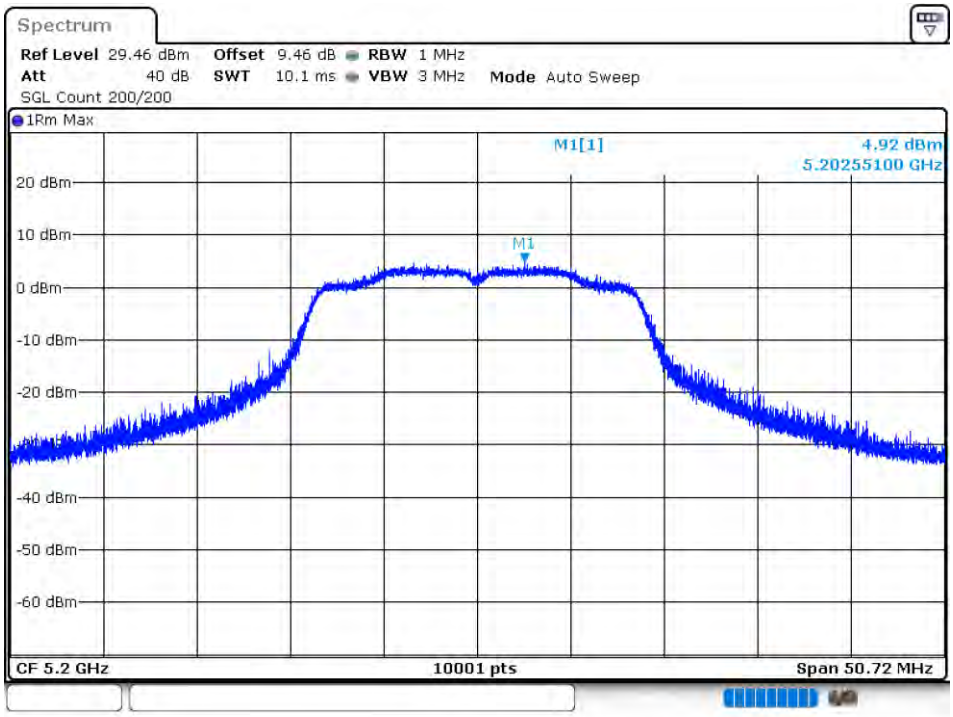
PSD NVNT 802.11a 5240MHz Ant 2



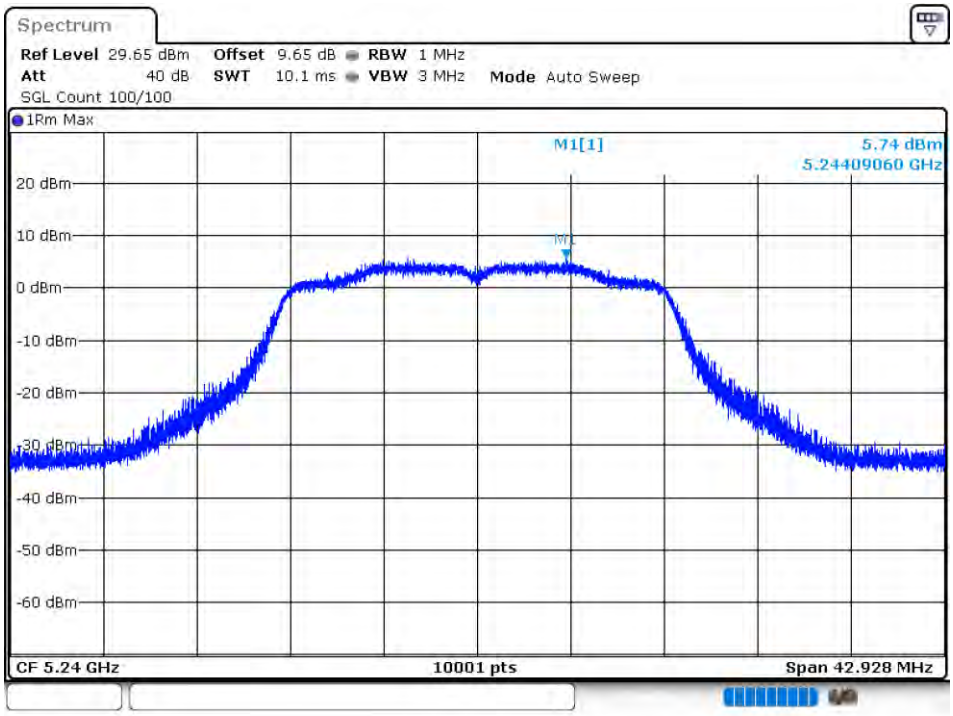
PSD NVNT 802.11ac20 5180MHz Ant 1



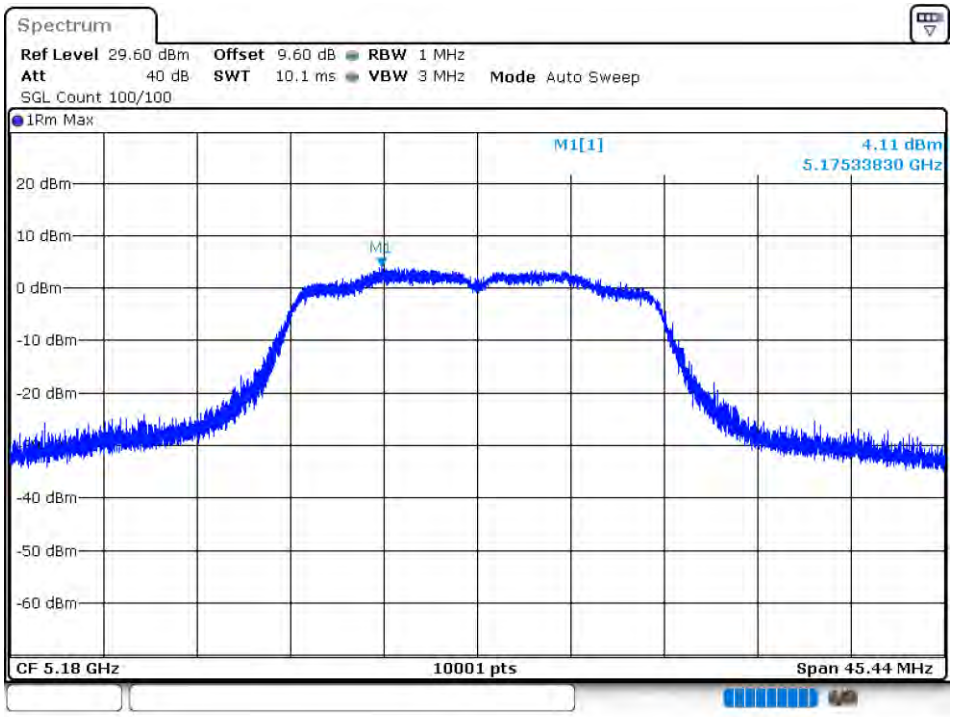
PSD NVNT 802.11ac20 5200MHz Ant 1



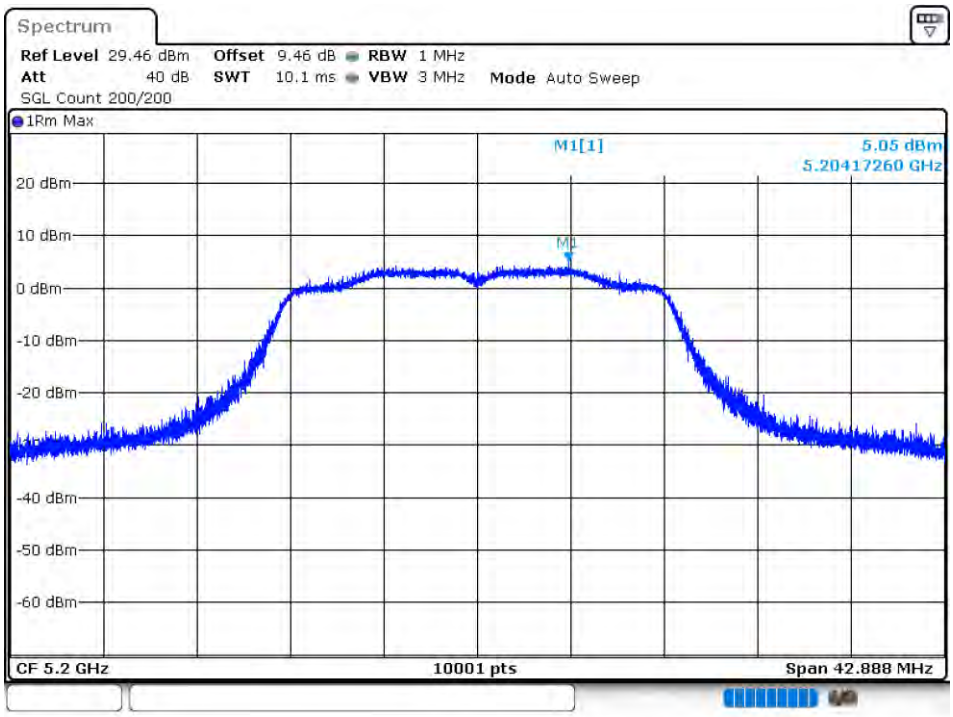
PSD NVNT 802.11ac20 5240MHz Ant 1



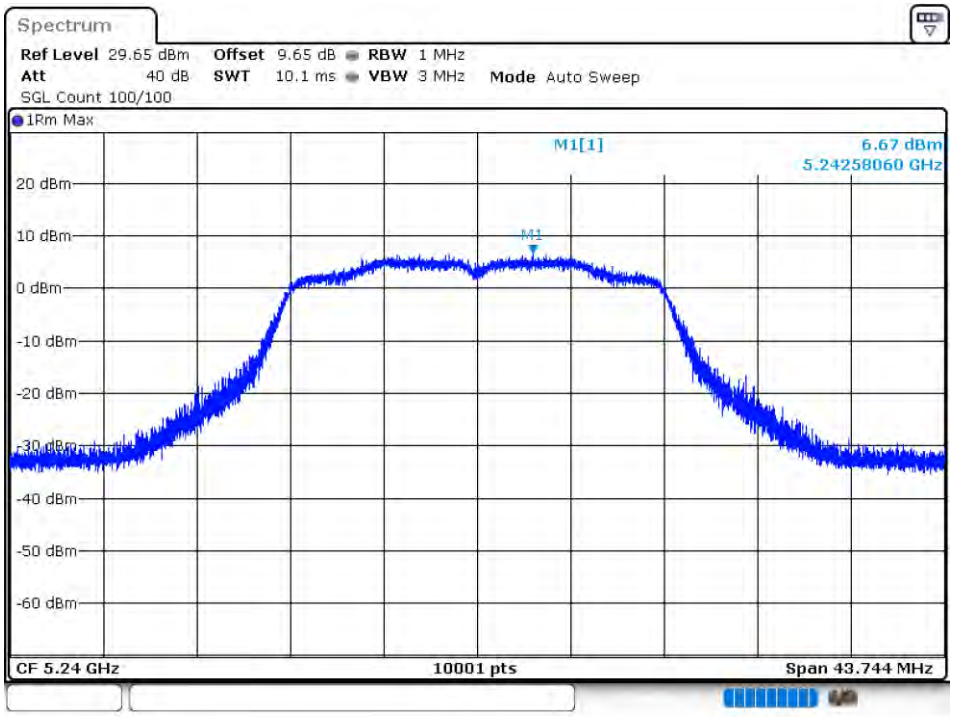
PSD NVNT 802.11ac20 5180MHz Ant 2



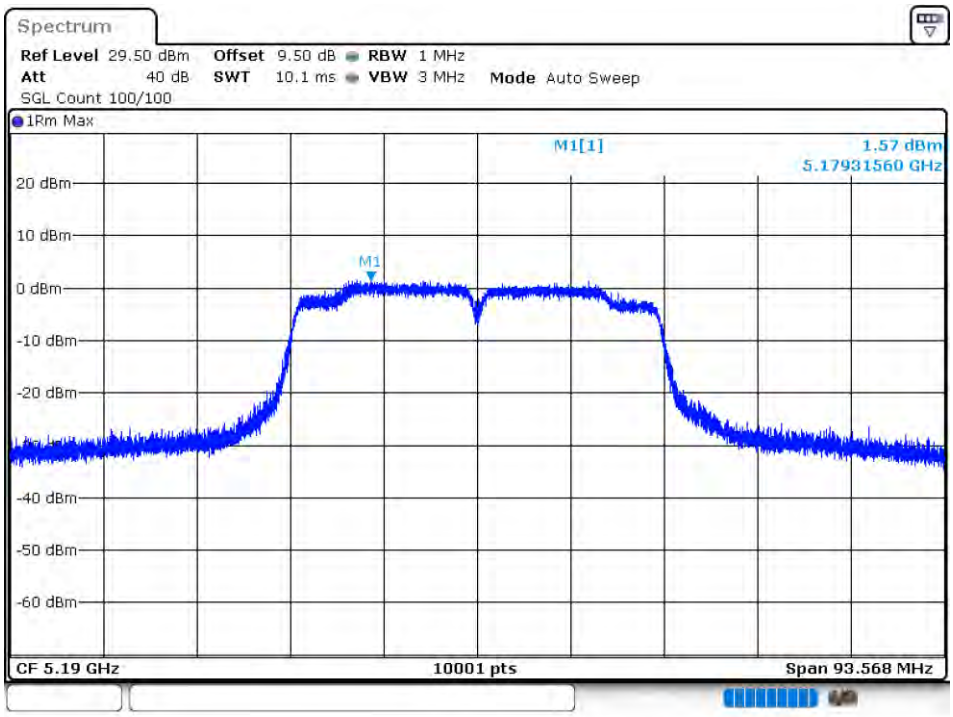
PSD NVNT 802.11ac20 5200MHz Ant 2



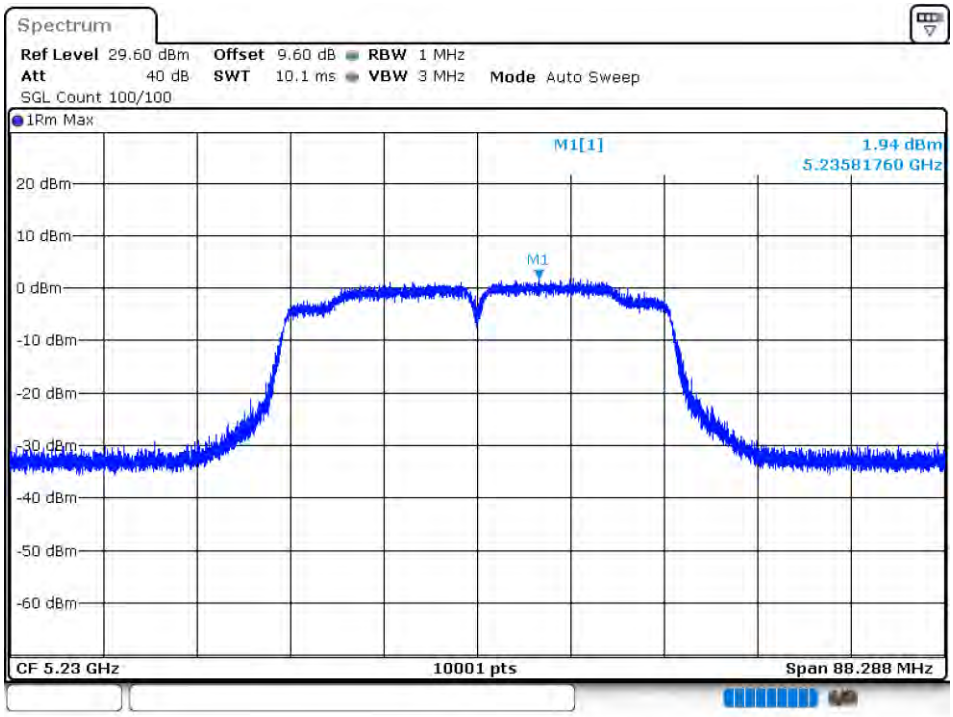
PSD NVNT 802.11ac20 5240MHz Ant 2



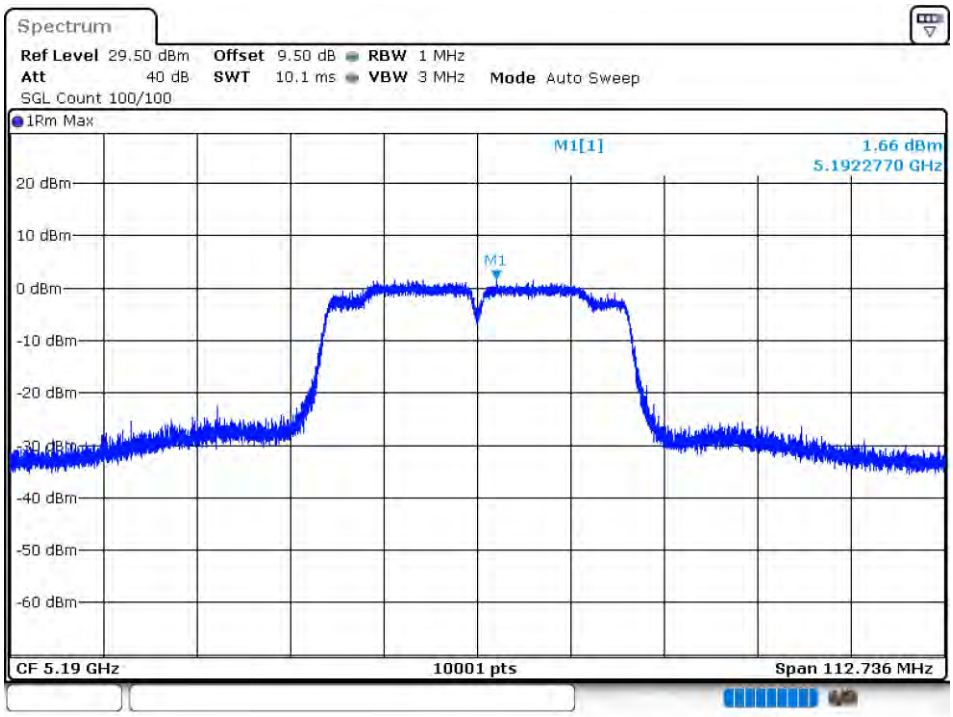
PSD NVNT 802.11ac40 5190MHz Ant 1



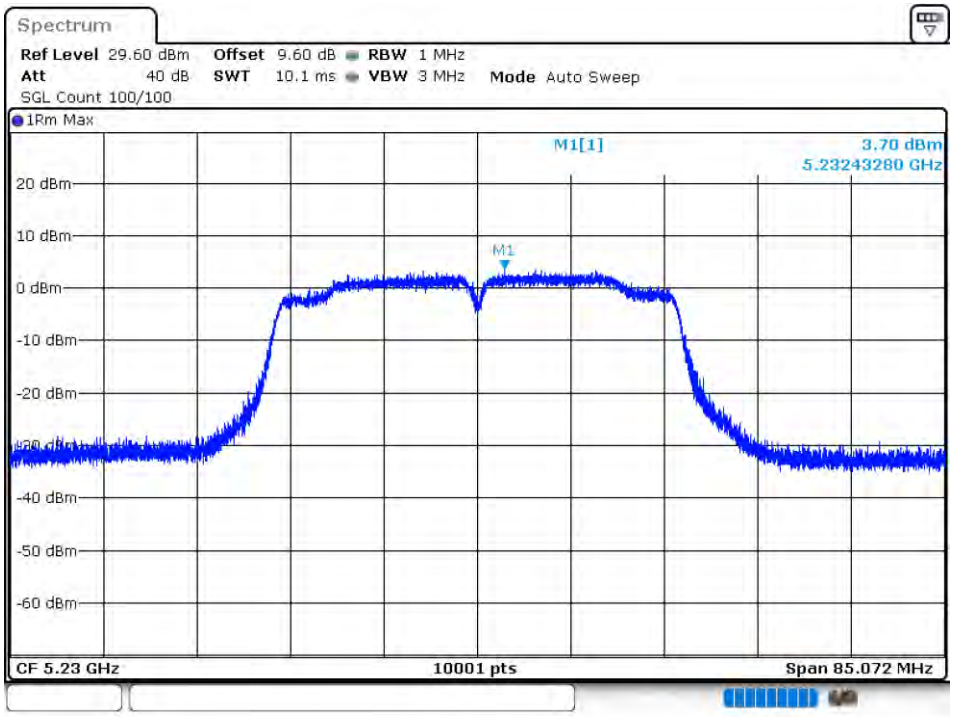
PSD NVNT 802.11ac40 5230MHz Ant 1



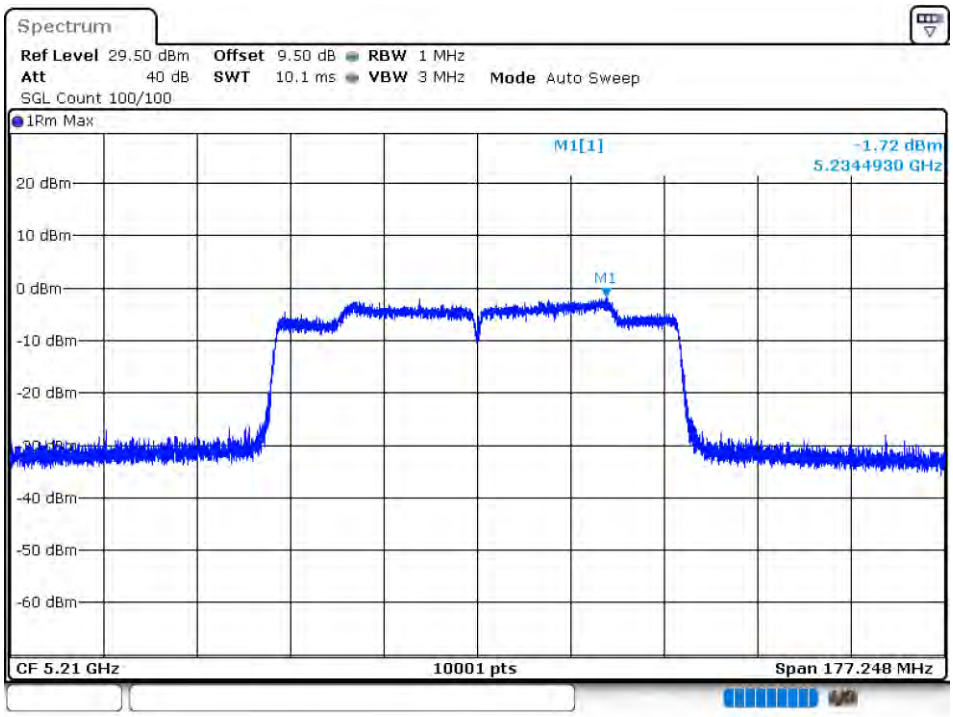
PSD NVNT 802.11ac40 5190MHz Ant 2



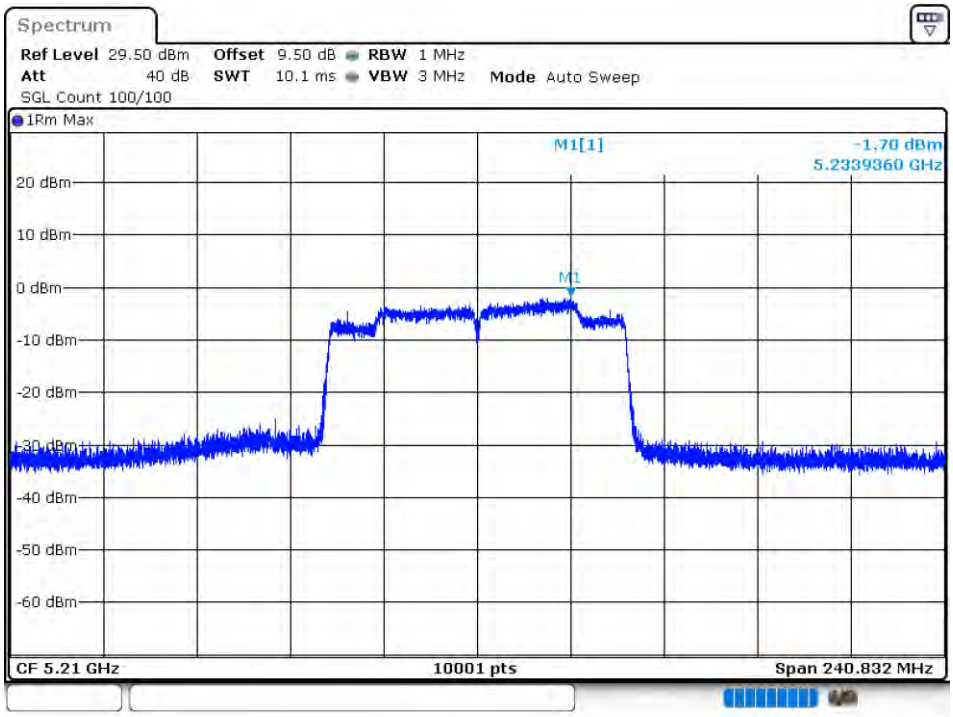
PSD NVNT 802.11ac40 5230MHz Ant 2



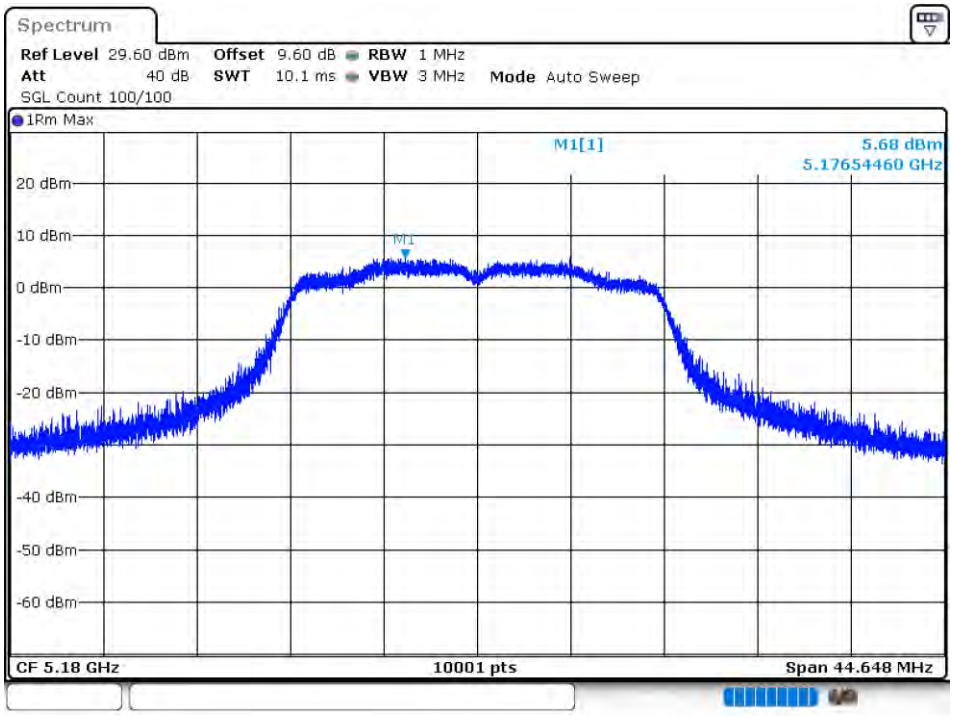
PSD NVNT 802.11ac80 5210MHz Ant 1



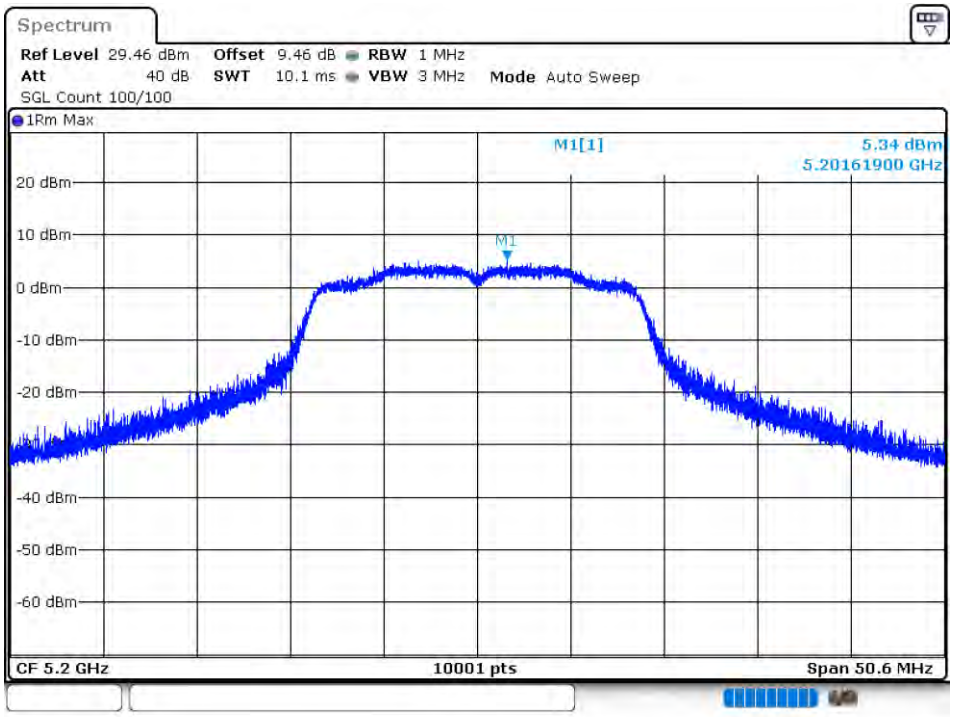
PSD NVNT 802.11ac80 5210MHz Ant 2



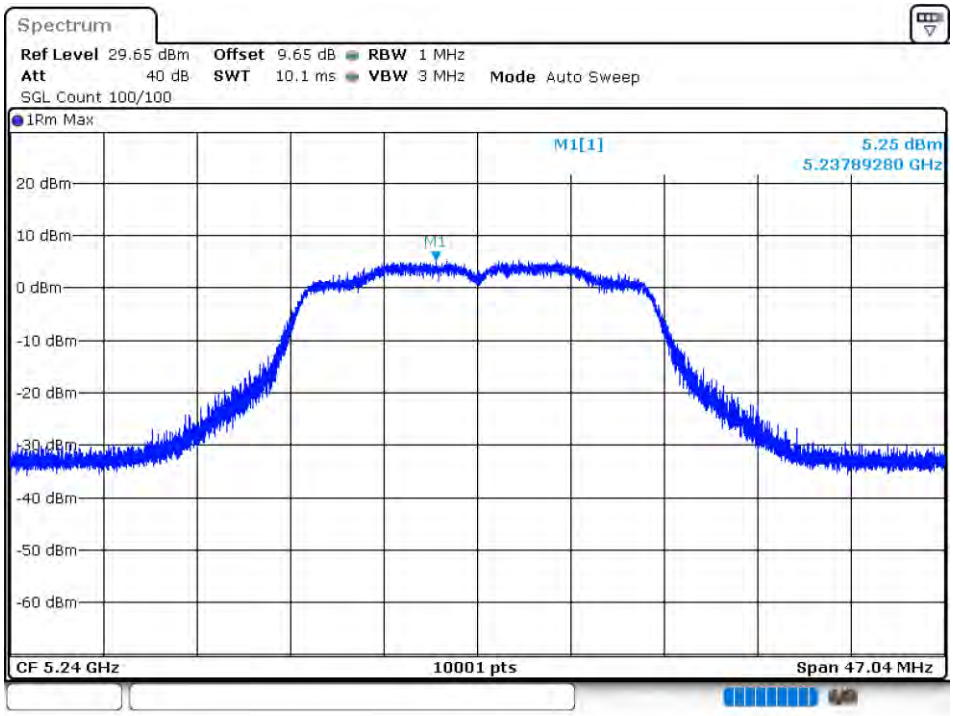
PSD NVNT 802.11n(HT20) 5180MHz Ant 1



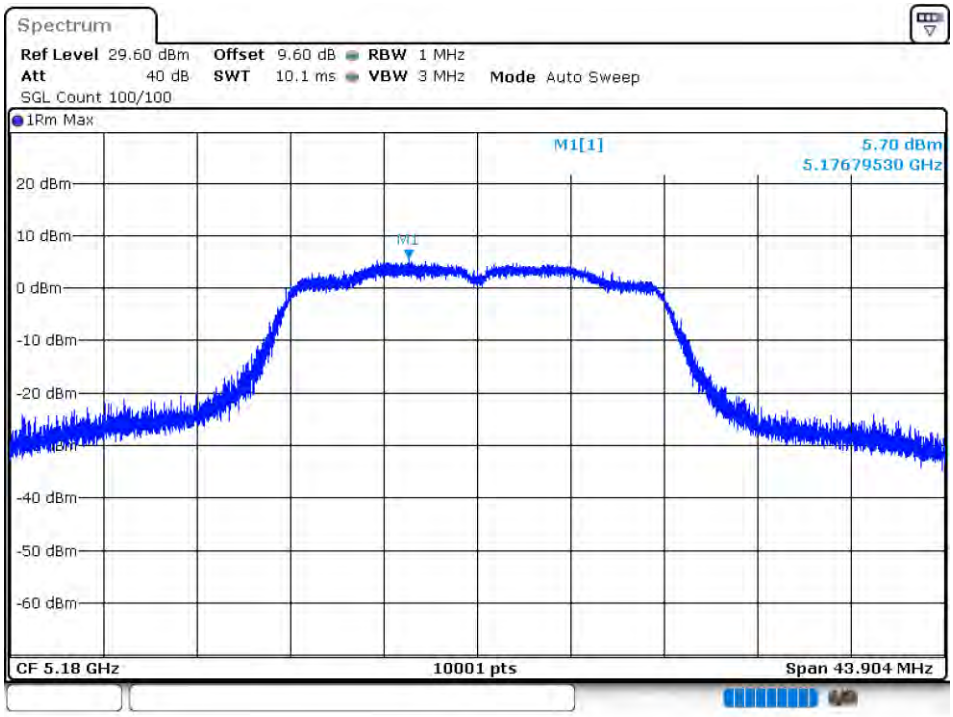
PSD NVNT 802.11n(HT20) 5200MHz Ant 1



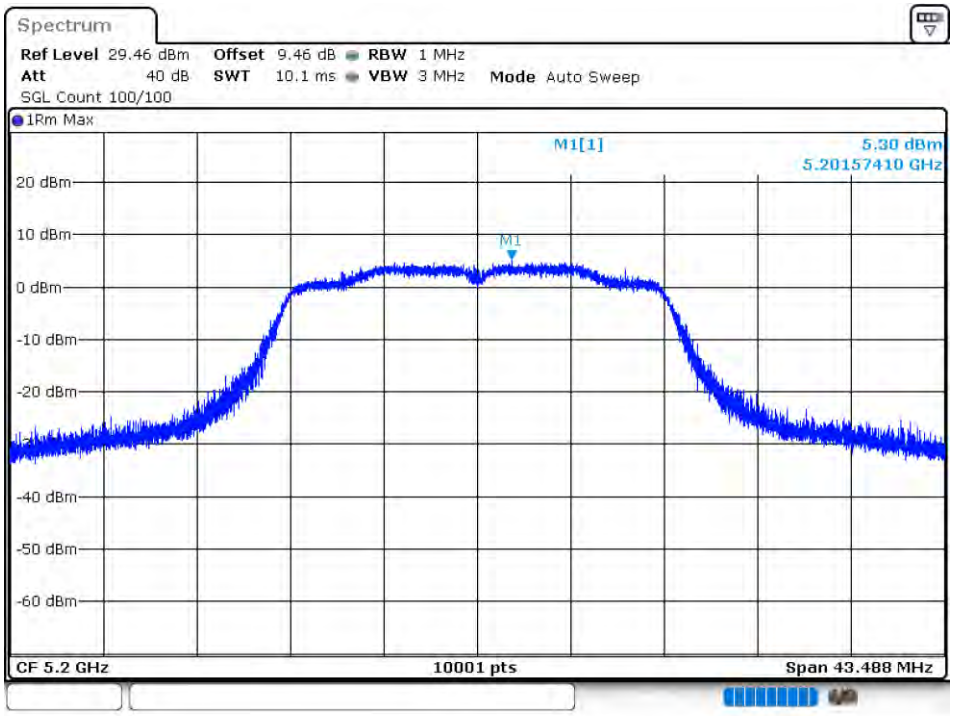
PSD NVNT 802.11n(HT20) 5240MHz Ant 1



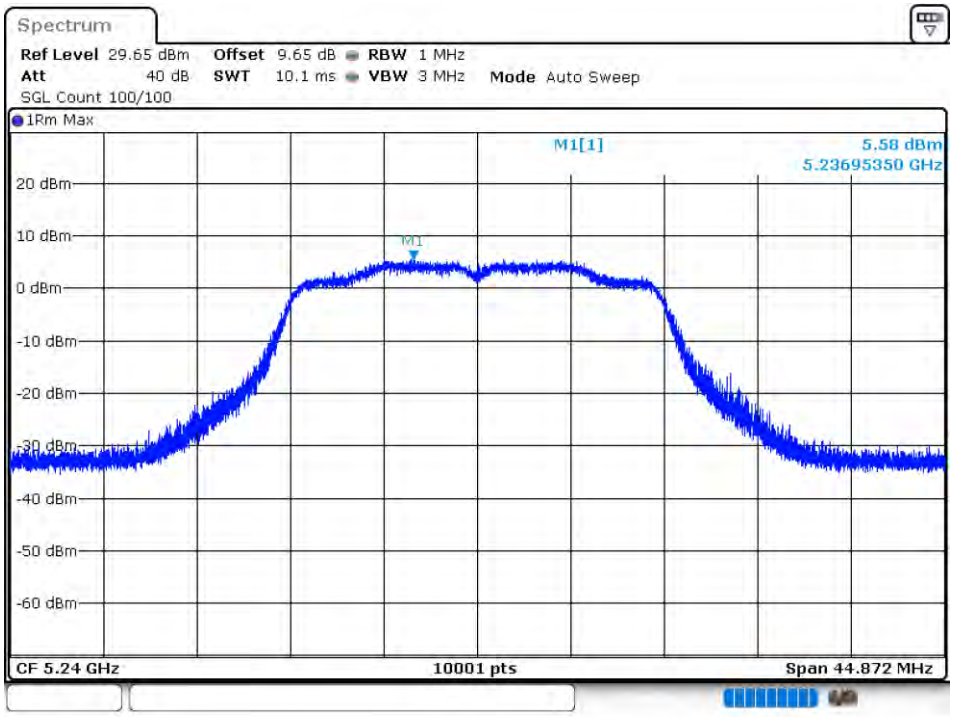
PSD NVNT 802.11n(HT20) 5180MHz Ant 2



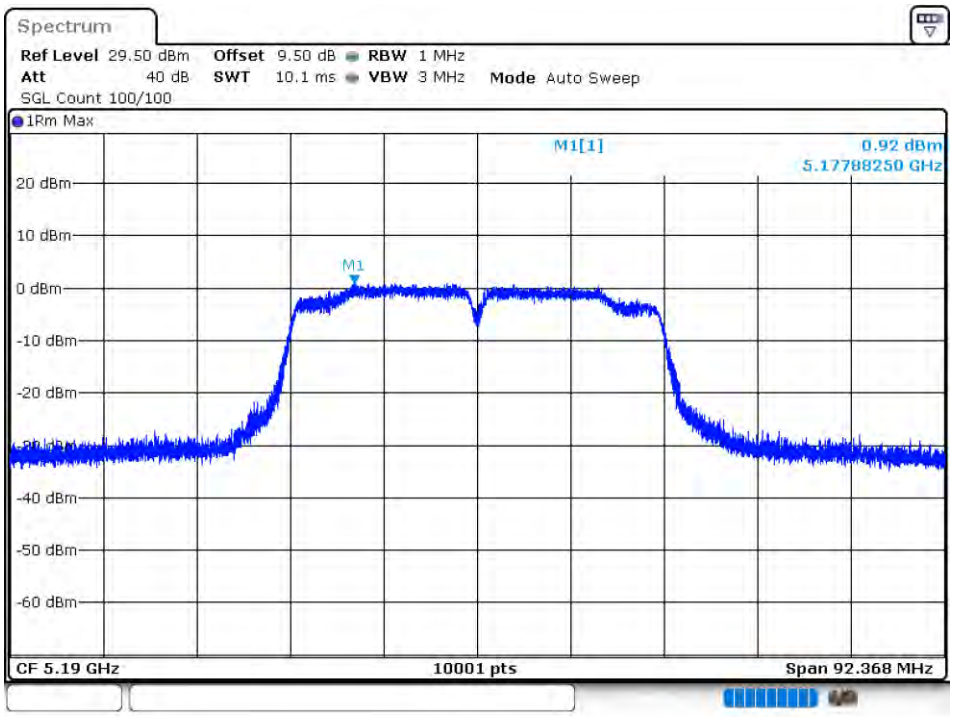
PSD NVNT 802.11n(HT20) 5200MHz Ant 2



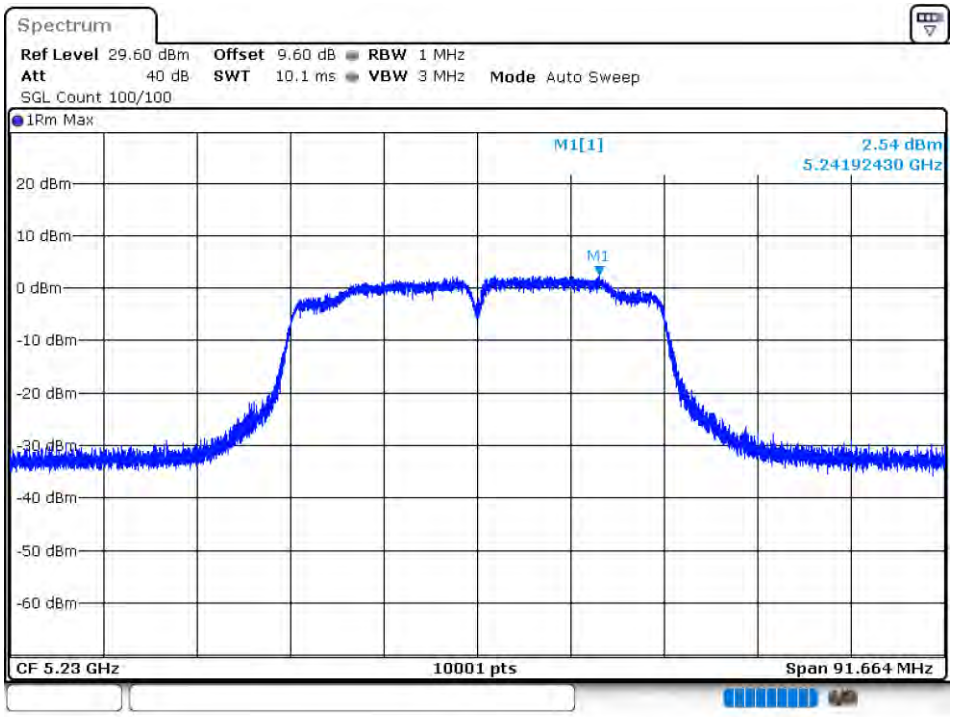
PSD NVNT 802.11n(HT20) 5240MHz Ant 2



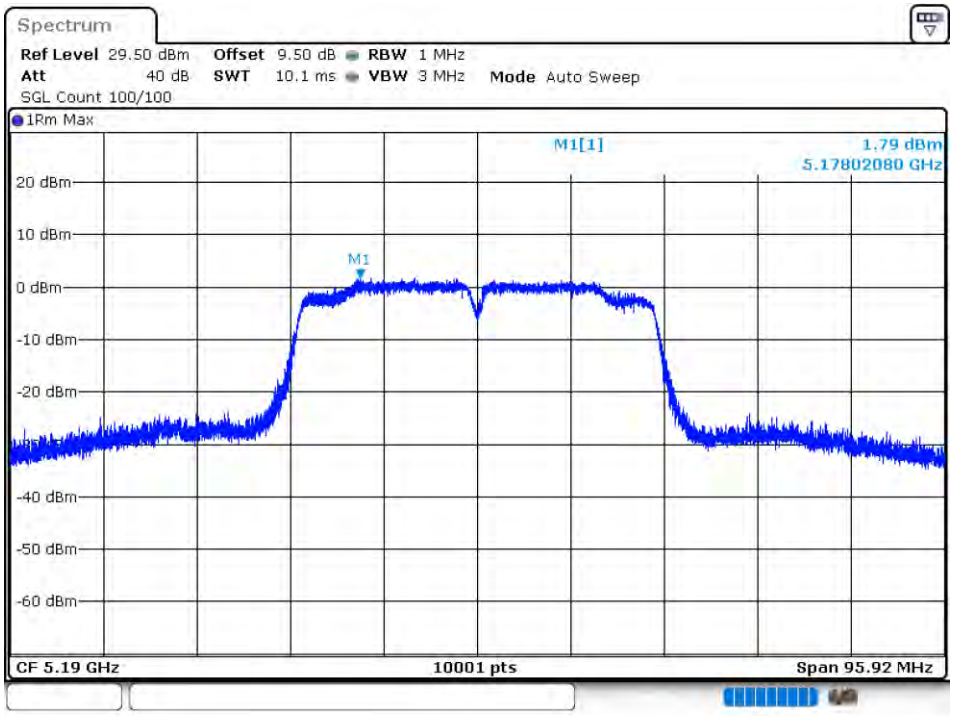
PSD NVNT 802.11n(HT40) 5190MHz Ant 1



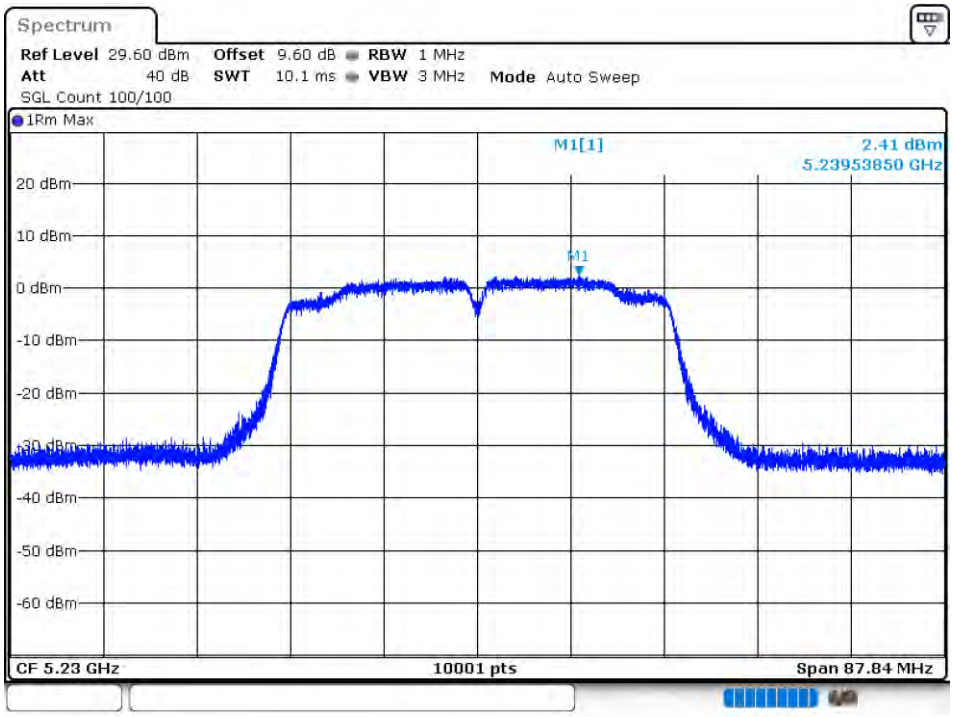
PSD NVNT 802.11n(HT40) 5230MHz Ant 1



PSD NVNT 802.11n(HT40) 5190MHz Ant 2



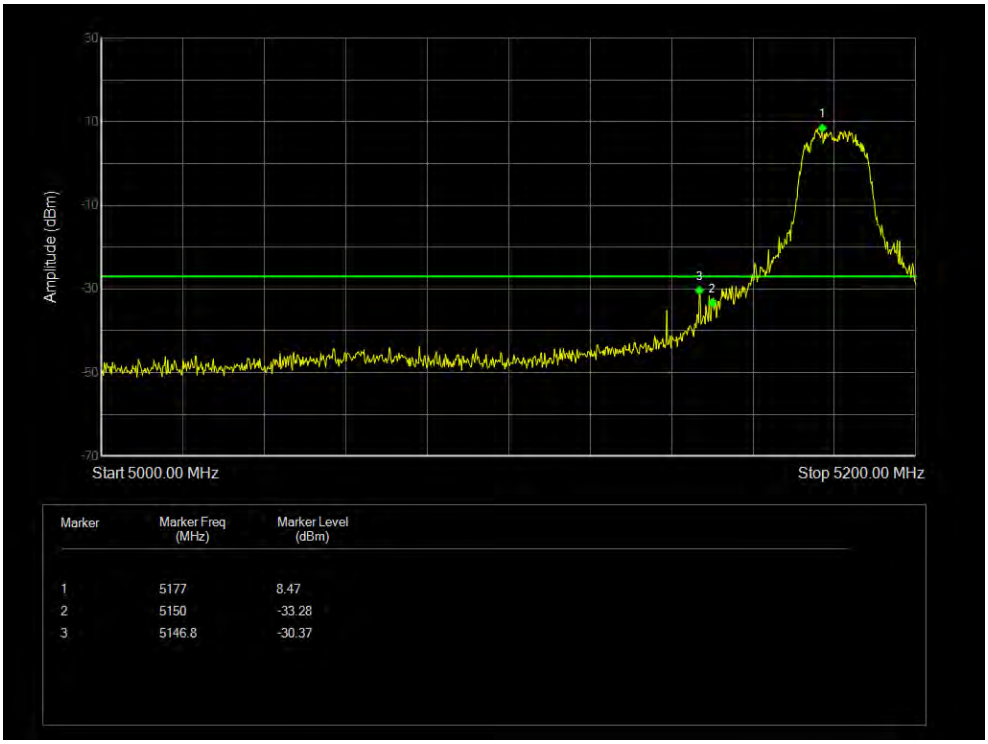
PSD NVNT 802.11n(HT40) 5230MHz Ant 2



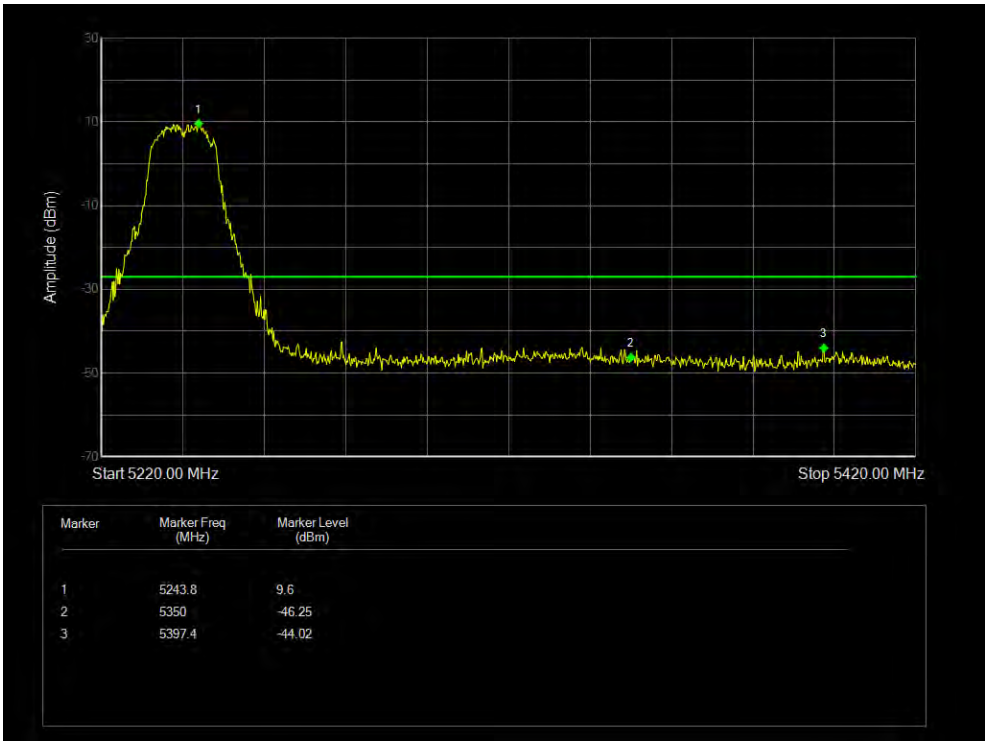
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-30.37	-27	Pass
NVNT	802.11a	5240	Ant 1	-44.02	-27	Pass
NVNT	802.11a	5180	Ant 2	-37.29	-27	Pass
NVNT	802.11a	5240	Ant 2	-43.84	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-33.46	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-44.39	-27	Pass
NVNT	802.11ac20	5180	Ant 2	-40.18	-27	Pass
NVNT	802.11ac20	5240	Ant 2	-43.91	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-31.42	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-45.81	-27	Pass
NVNT	802.11ac40	5190	Ant 2	-29.05	-27	Pass
NVNT	802.11ac40	5230	Ant 2	-44.92	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-46.65	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-31.17	-27	Pass
NVNT	802.11ac80	5210	Ant 2	-45.11	-27	Pass
NVNT	802.11ac80	5210	Ant 2	-27.03	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-31.34	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-44.67	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 2	-40.15	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 2	-43.99	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-32.45	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-45.46	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 2	-27.19	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 2	-44.98	-27	Pass

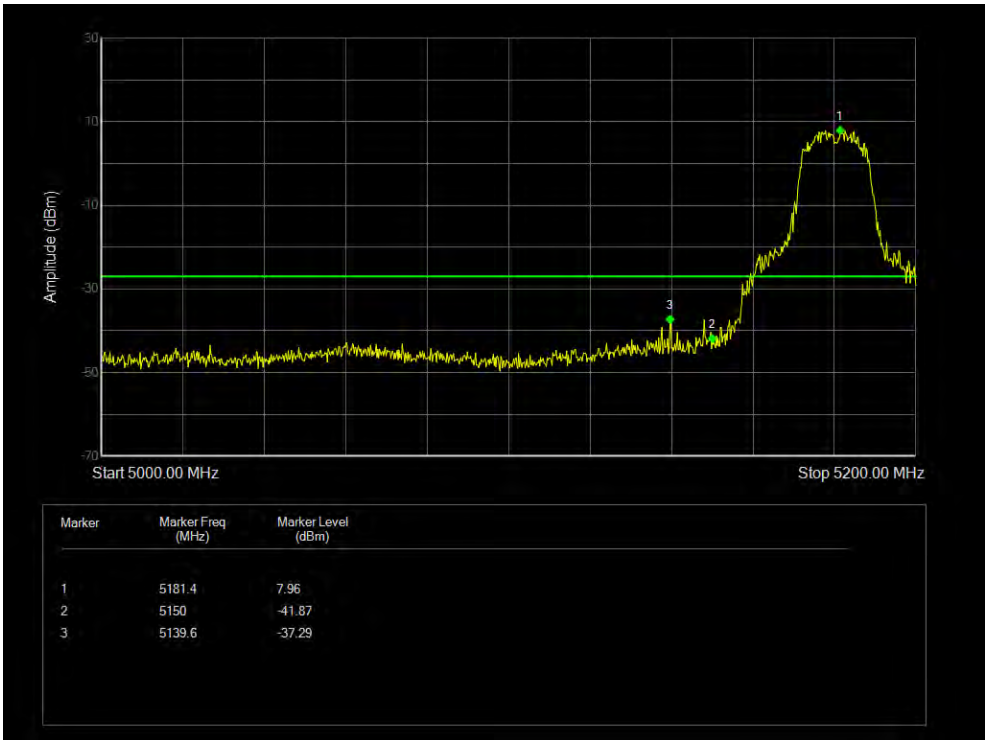
Band Edge NVNT 802.11a 5180MHz Low Ant 1



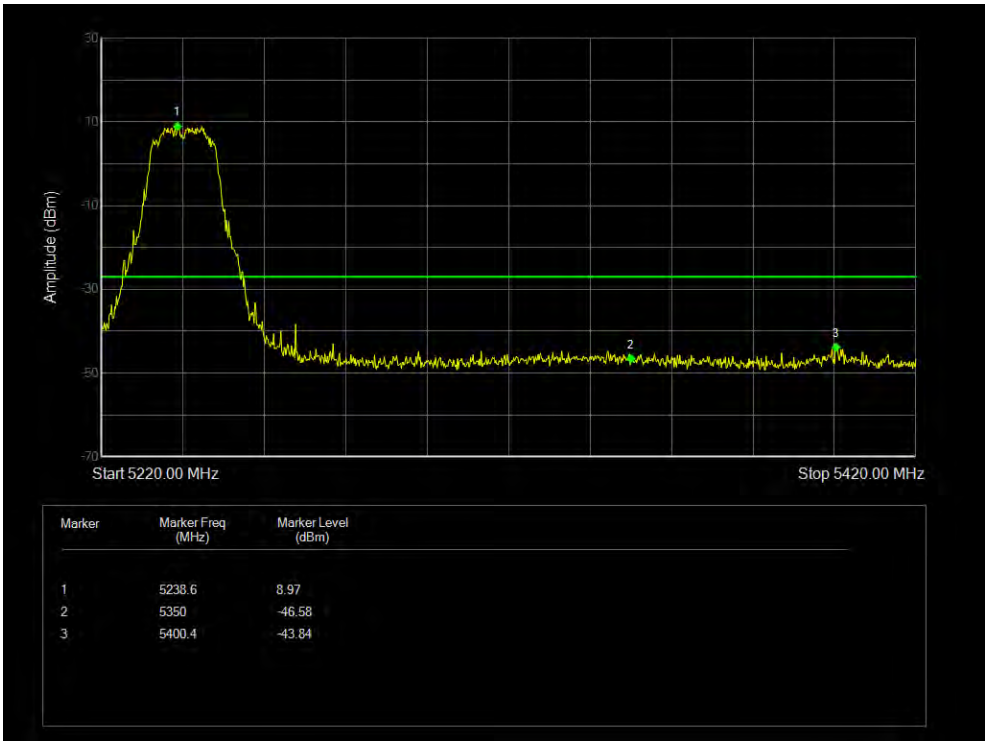
Band Edge NVNT 802.11a 5240MHz High Ant 1



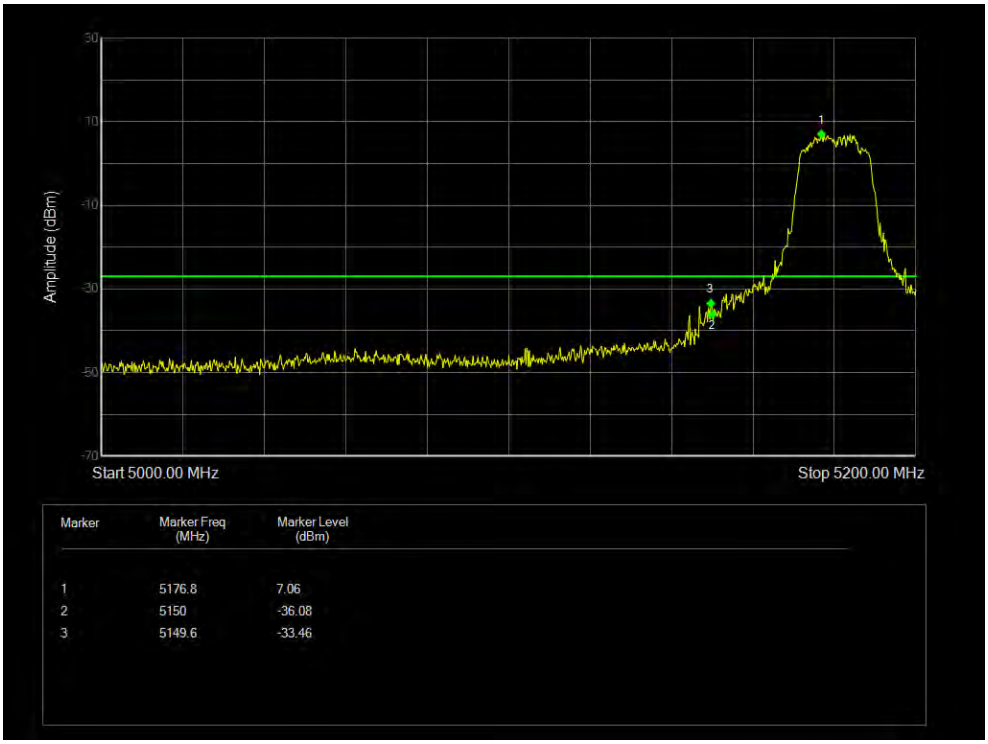
Band Edge NVNT 802.11a 5180MHz Low Ant 2



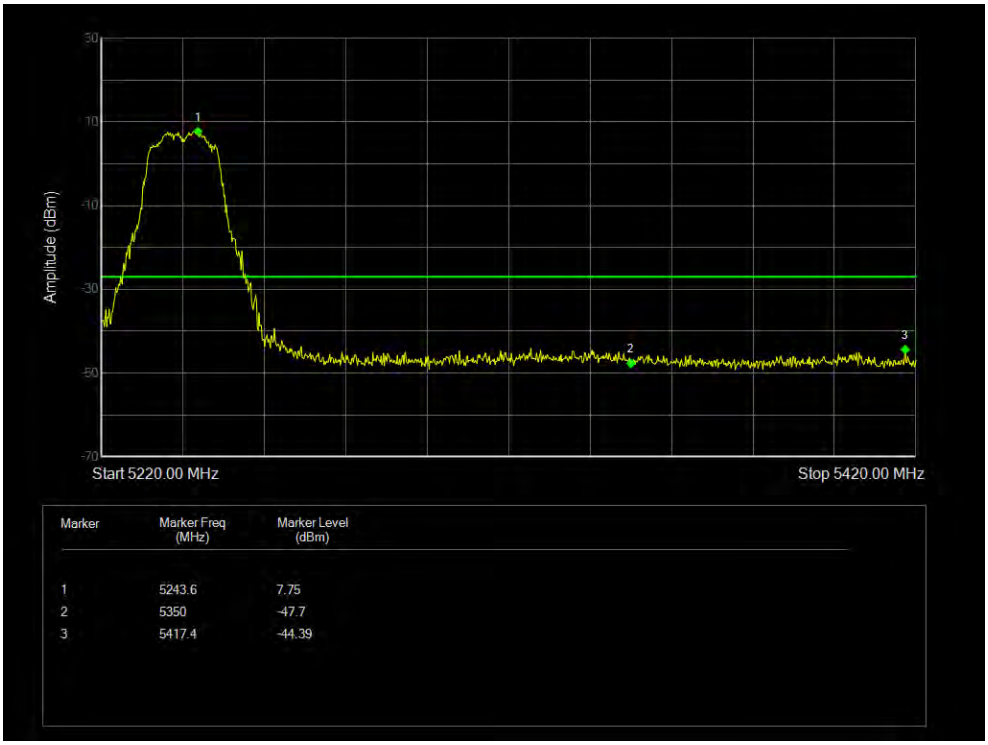
Band Edge NVNT 802.11a 5240MHz High Ant 2



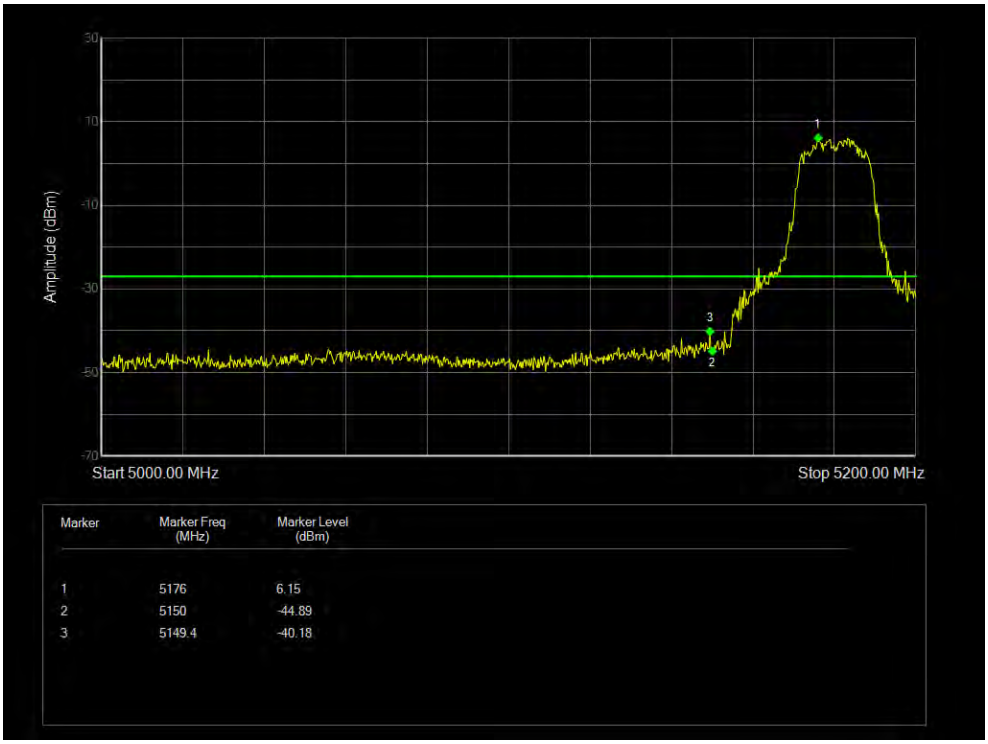
Band Edge NVNT 802.11ac20 5180MHz Low Ant 1



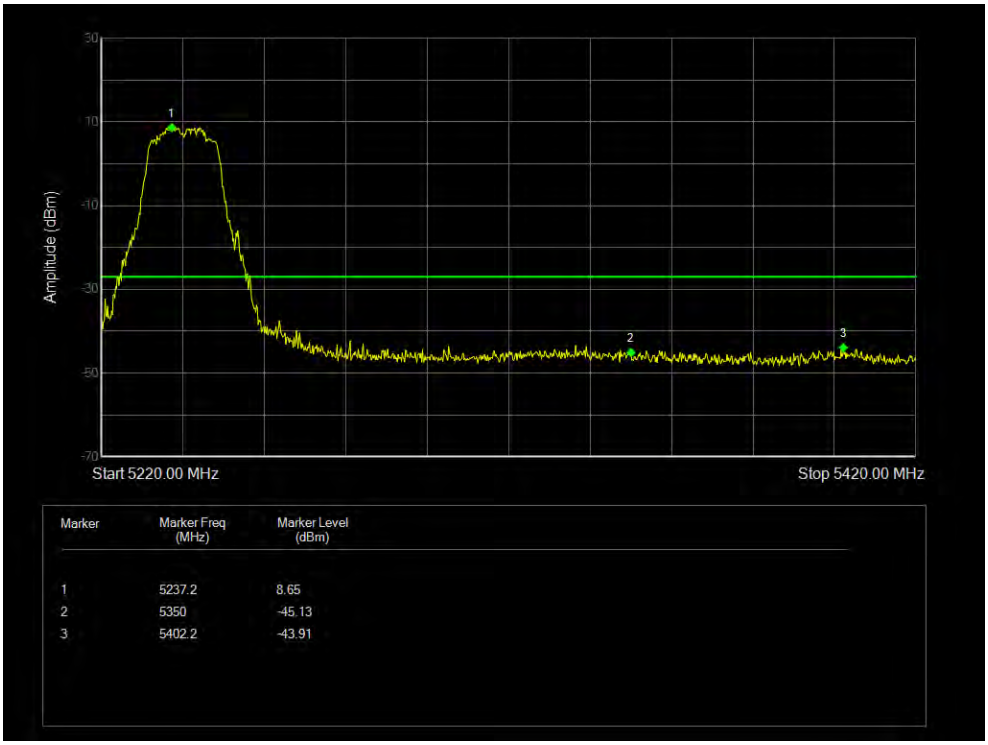
Band Edge NVNT 802.11ac20 5240MHz High Ant 1



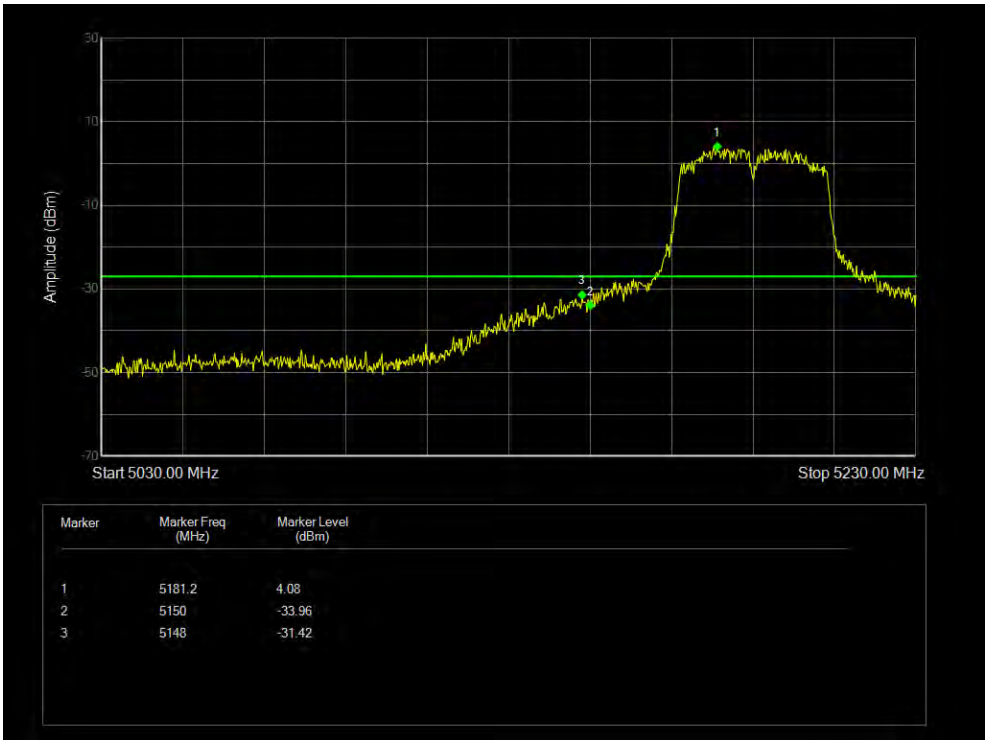
Band Edge NVNT 802.11ac20 5180MHz Low Ant 2



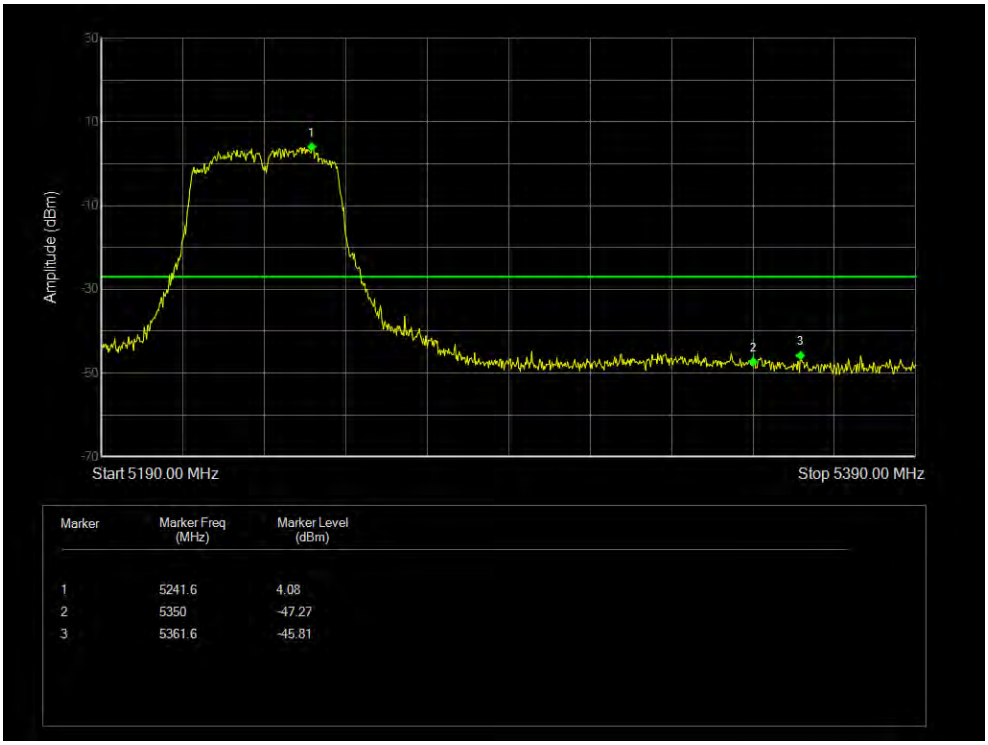
Band Edge NVNT 802.11ac20 5240MHz High Ant 2



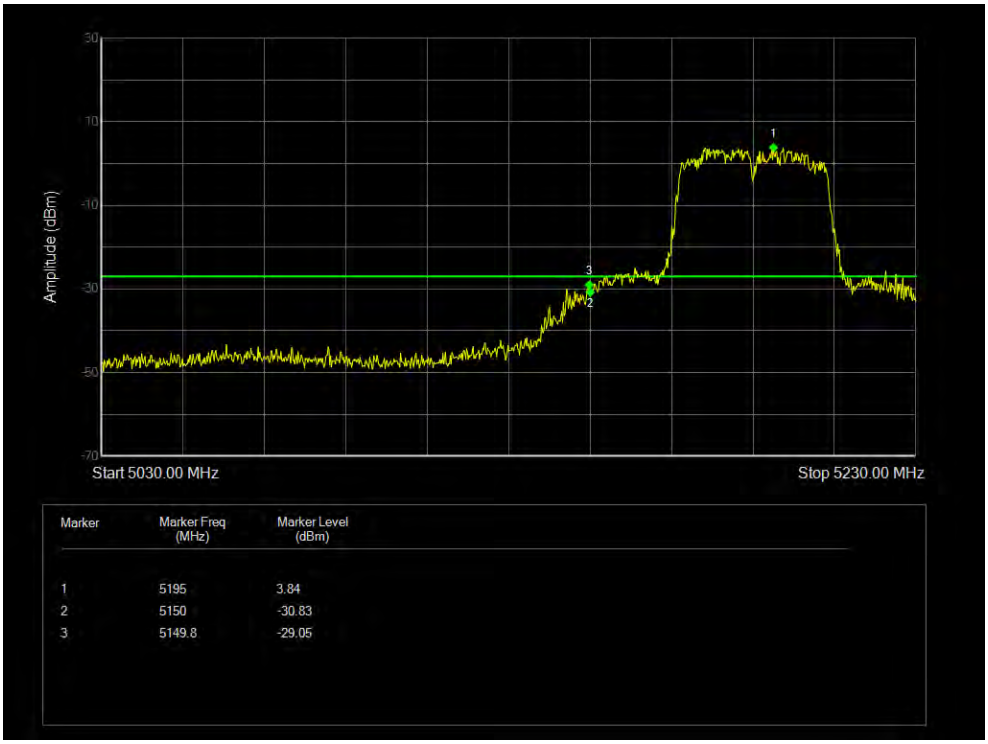
Band Edge NVNT 802.11ac40 5190MHz Low Ant 1



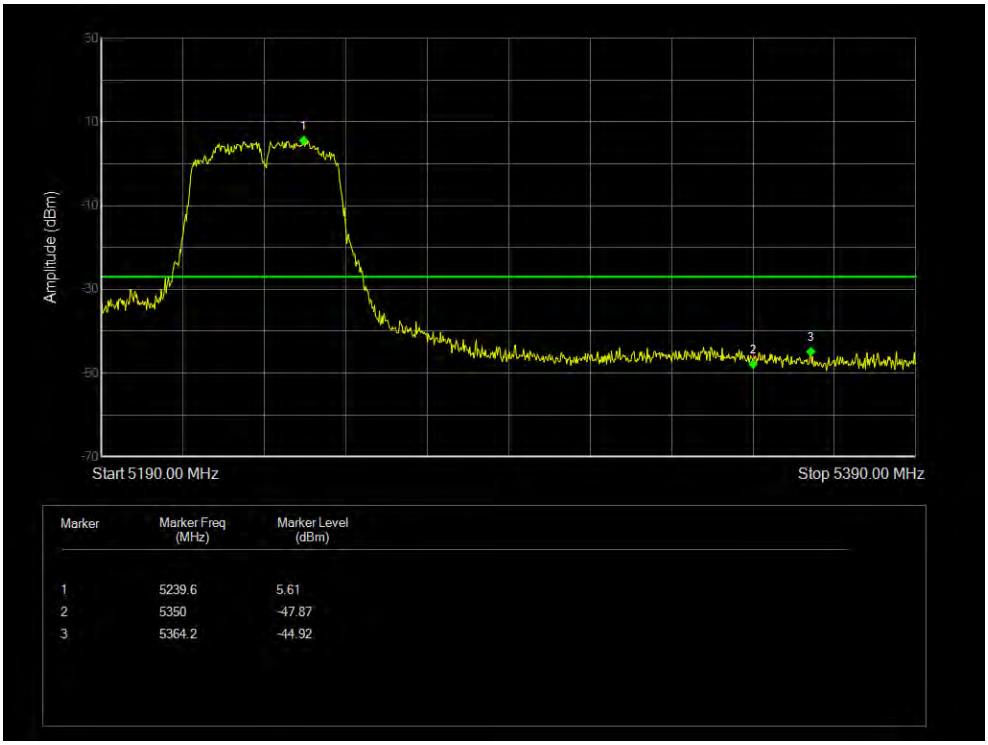
Band Edge NVNT 802.11ac40 5230MHz High Ant 1



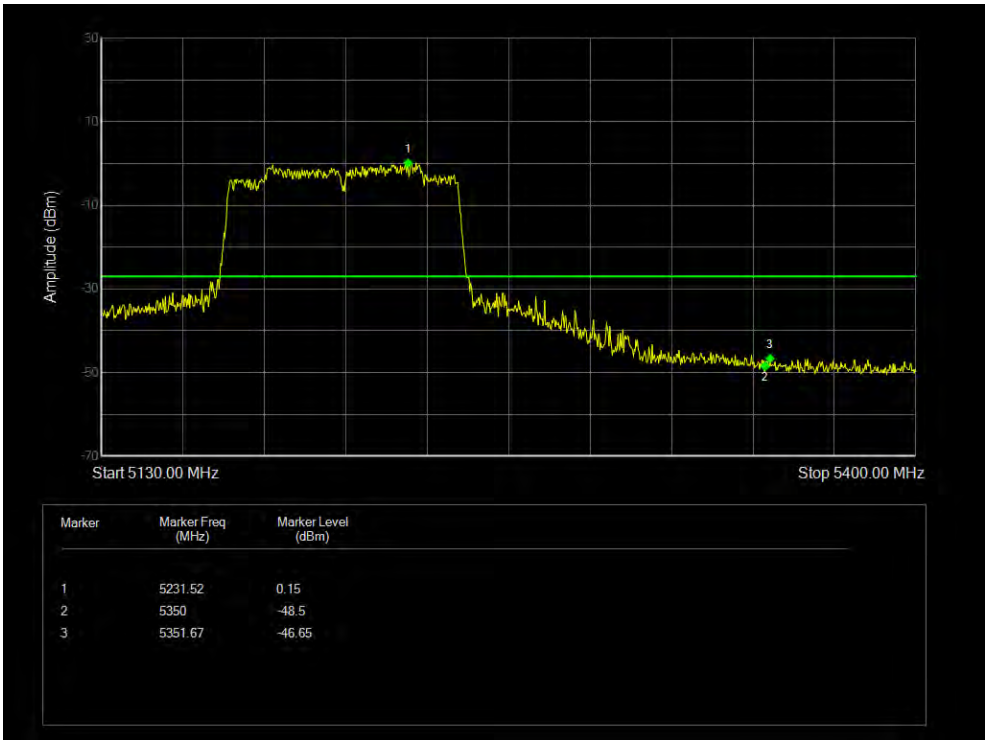
Band Edge NVNT 802.11ac40 5190MHz Low Ant 2



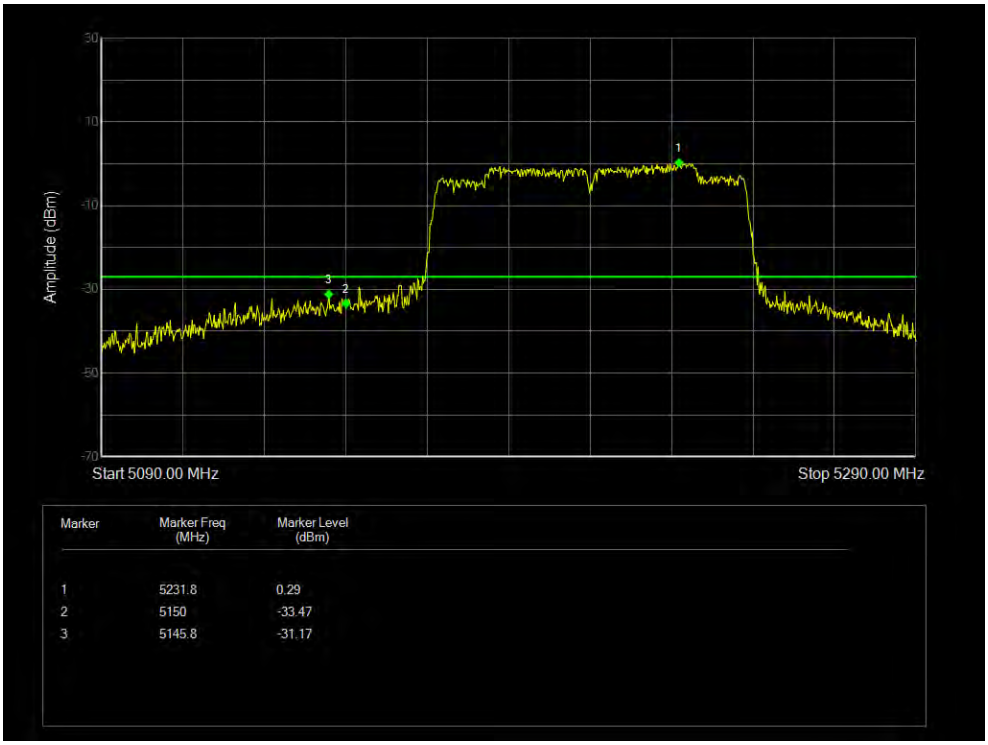
Band Edge NVNT 802.11ac40 5230MHz High Ant 2



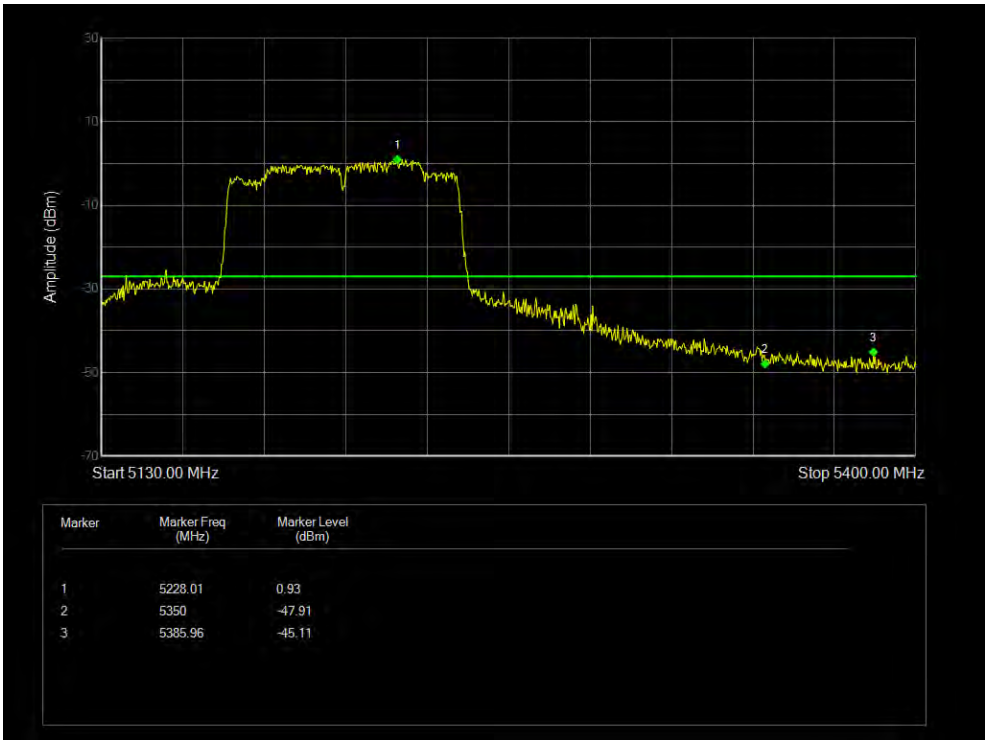
Band Edge NVNT 802.11ac80 5210MHz High Ant 1



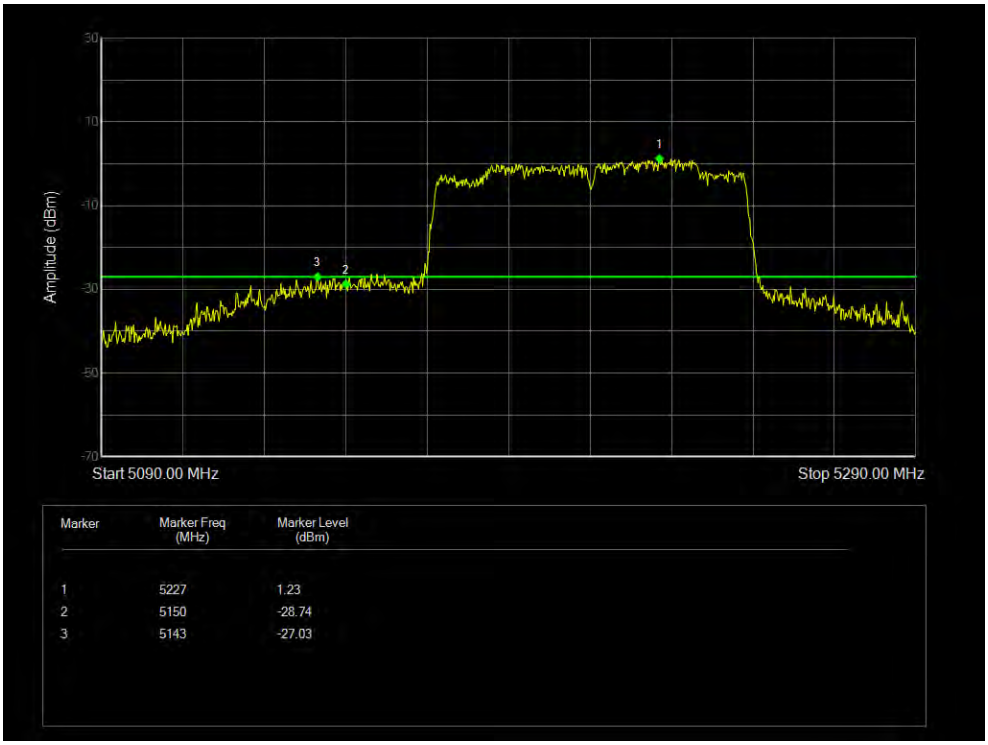
Band Edge NVNT 802.11ac80 5210MHz Low Ant 1



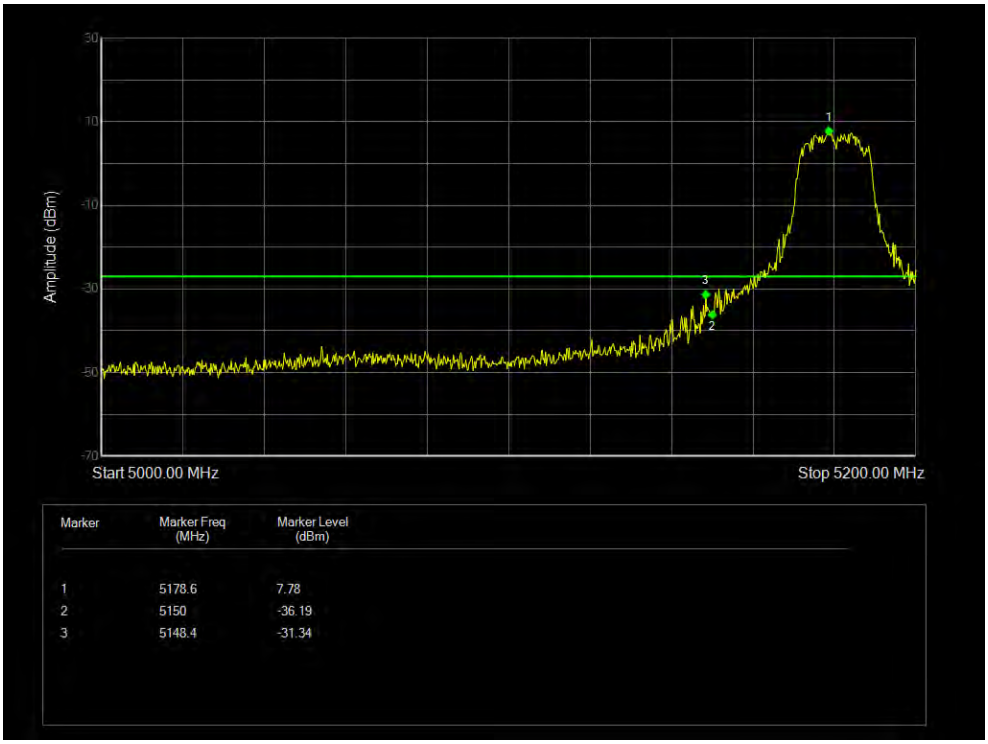
Band Edge NVNT 802.11ac80 5210MHz High Ant 2



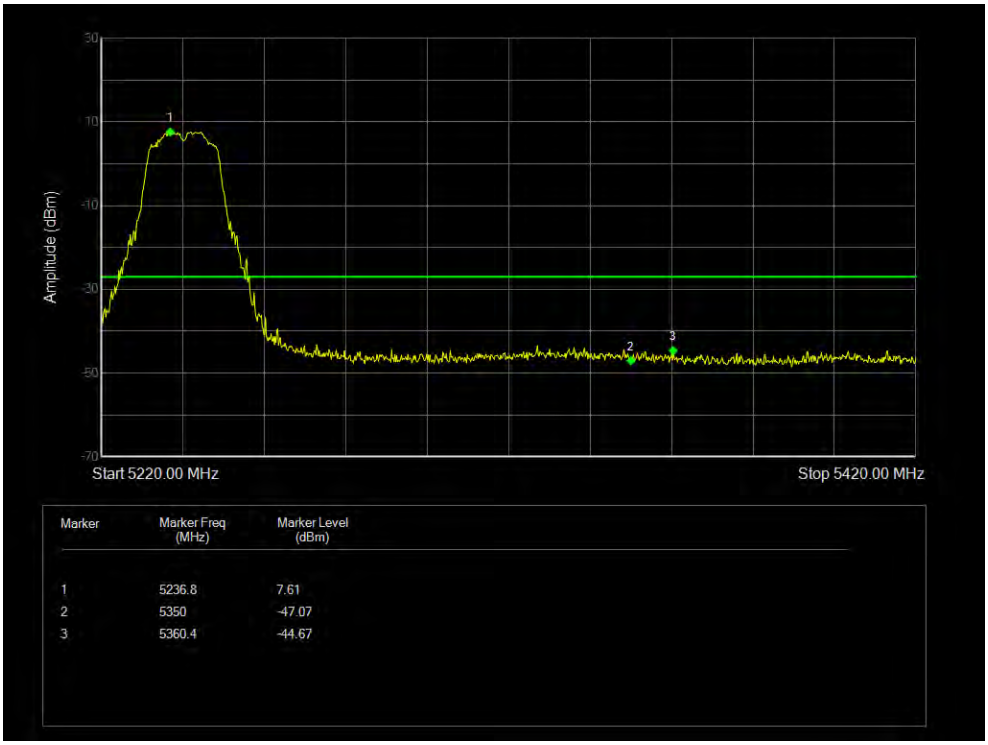
Band Edge NVNT 802.11ac80 5210MHz Low Ant 2



Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant 1



Band Edge NVNT 802.11n(HT20) 5240MHz High Ant 1



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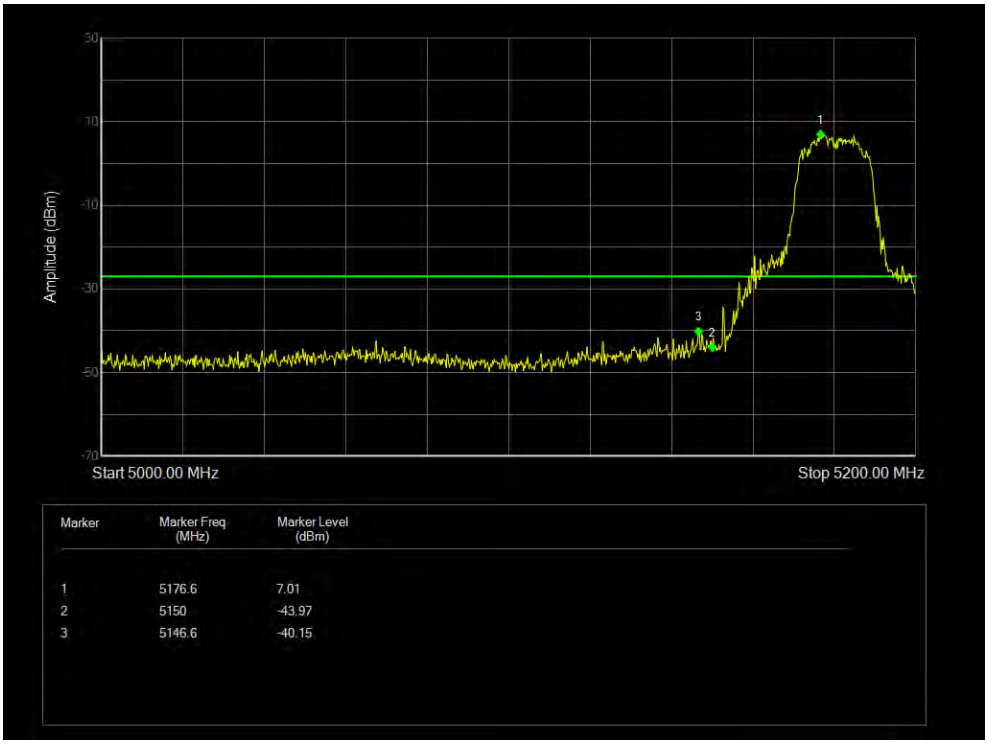

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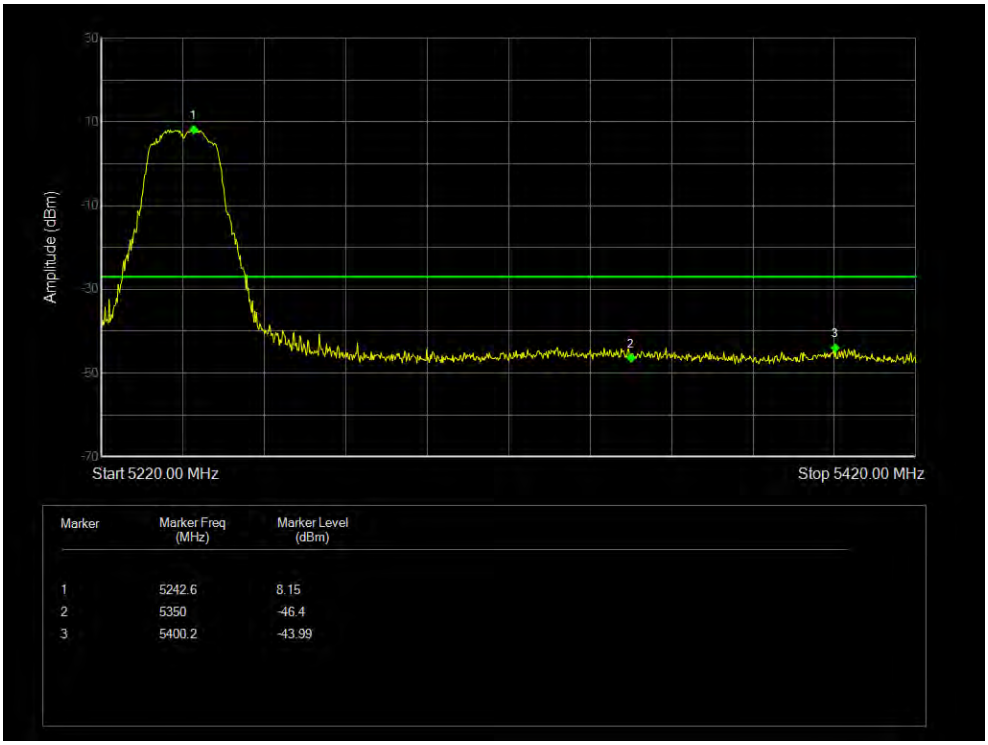
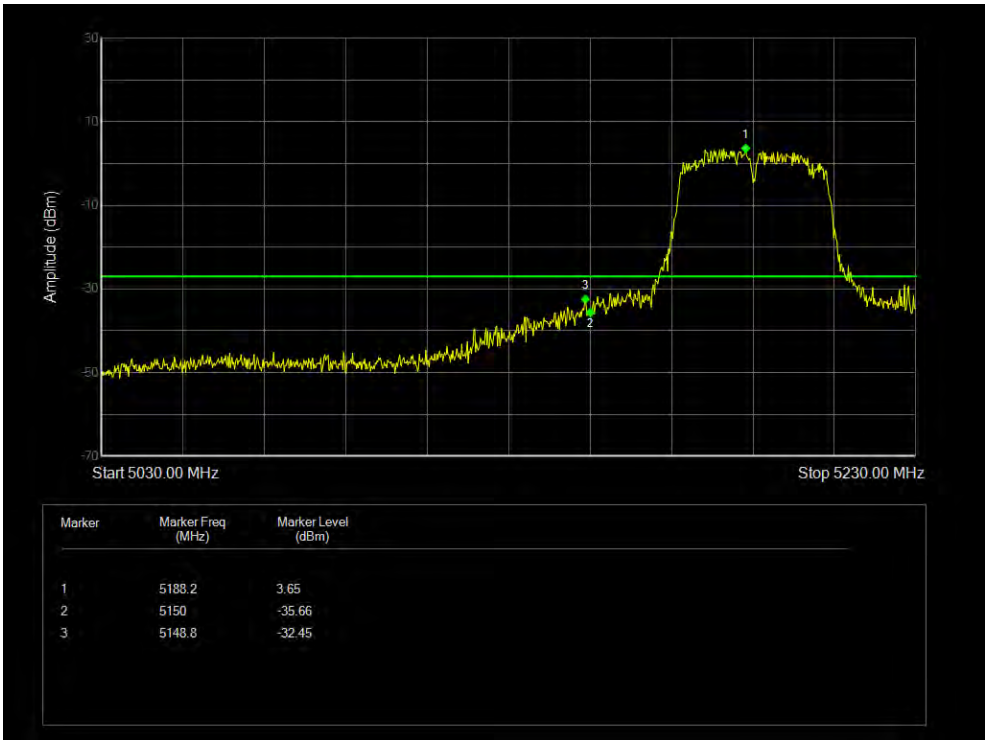
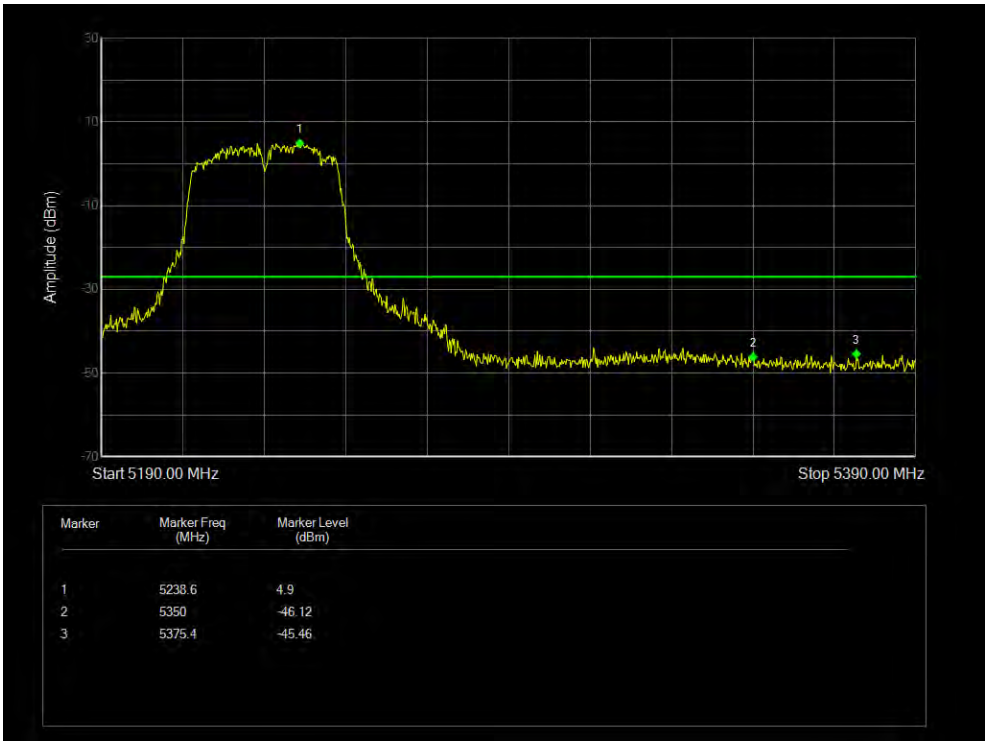


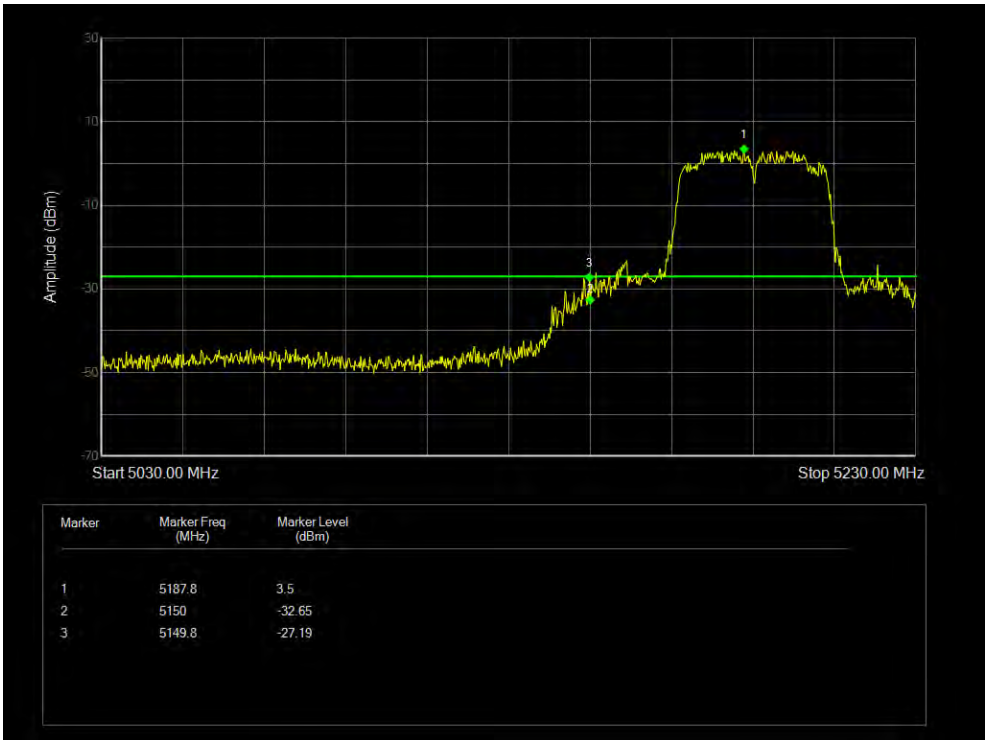
Band Edge NVNT 802.11n(HT40) 5190MHz Low Ant 1



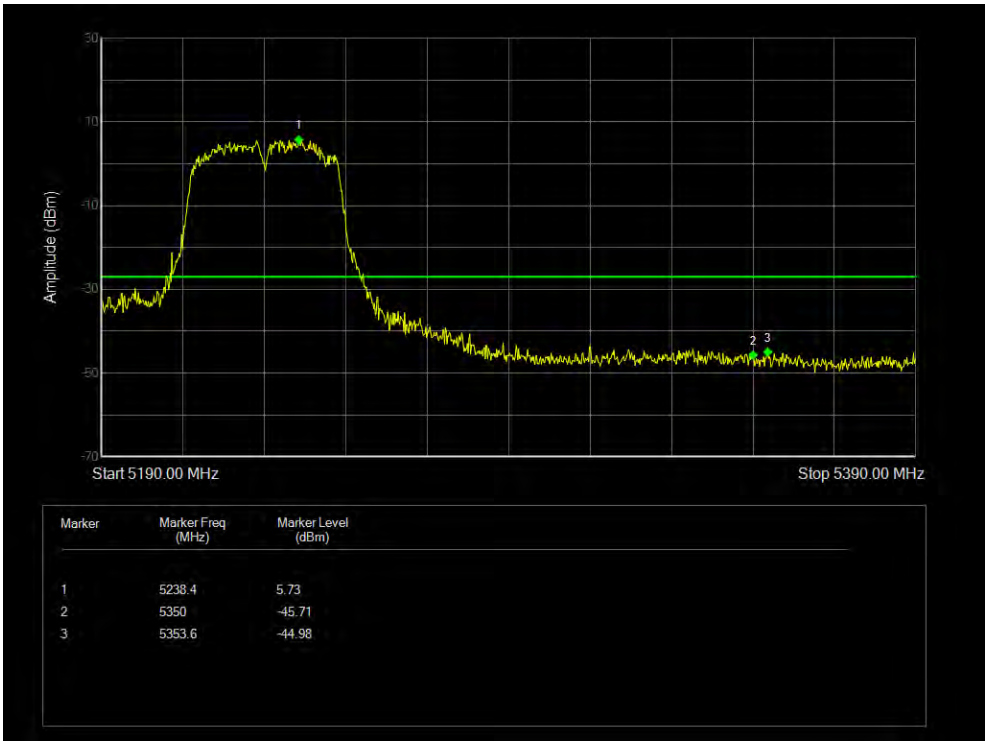
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant 1



Band Edge NVNT 802.11n(HT40) 5190MHz Low Ant 2



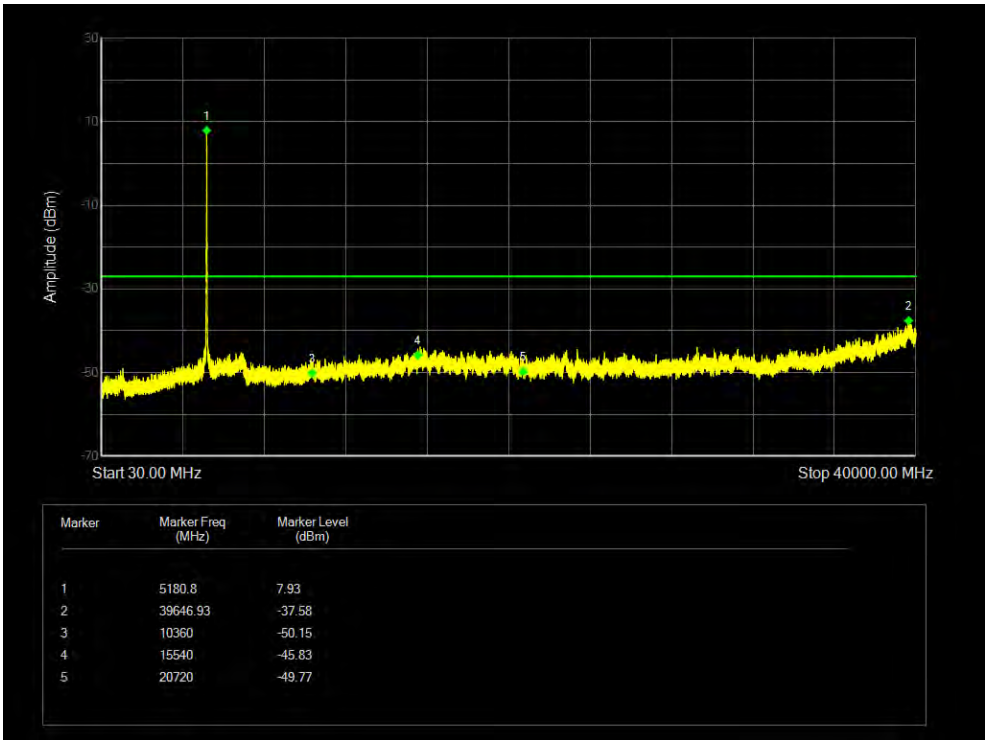
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant 2



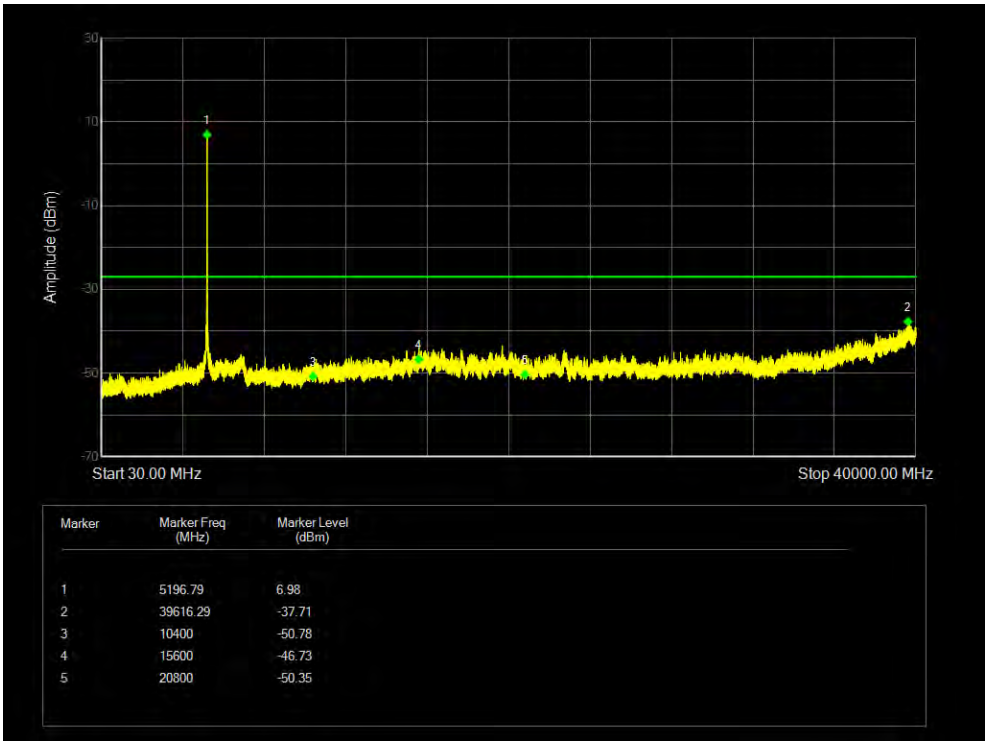
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-37.58	-27	Pass
NVNT	802.11a	5200	Ant 1	-37.71	-27	Pass
NVNT	802.11a	5240	Ant 1	-37.51	-27	Pass
NVNT	802.11a	5180	Ant 2	-37.85	-27	Pass
NVNT	802.11a	5200	Ant 2	-37.73	-27	Pass
NVNT	802.11a	5240	Ant 2	-38.22	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-37.5	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-38.44	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-37.2	-27	Pass
NVNT	802.11ac20	5180	Ant 2	-37.92	-27	Pass
NVNT	802.11ac20	5200	Ant 2	-37.65	-27	Pass
NVNT	802.11ac20	5240	Ant 2	-37.33	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-38.05	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-38.15	-27	Pass
NVNT	802.11ac40	5190	Ant 2	-38.12	-27	Pass
NVNT	802.11ac40	5230	Ant 2	-37.56	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-37.63	-27	Pass
NVNT	802.11ac80	5210	Ant 2	-38	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-37.51	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-37.73	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-37.45	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 2	-37.62	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 2	-37.71	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 2	-37.43	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-37.47	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-38.1	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 2	-37.86	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 2	-36.9	-27	Pass

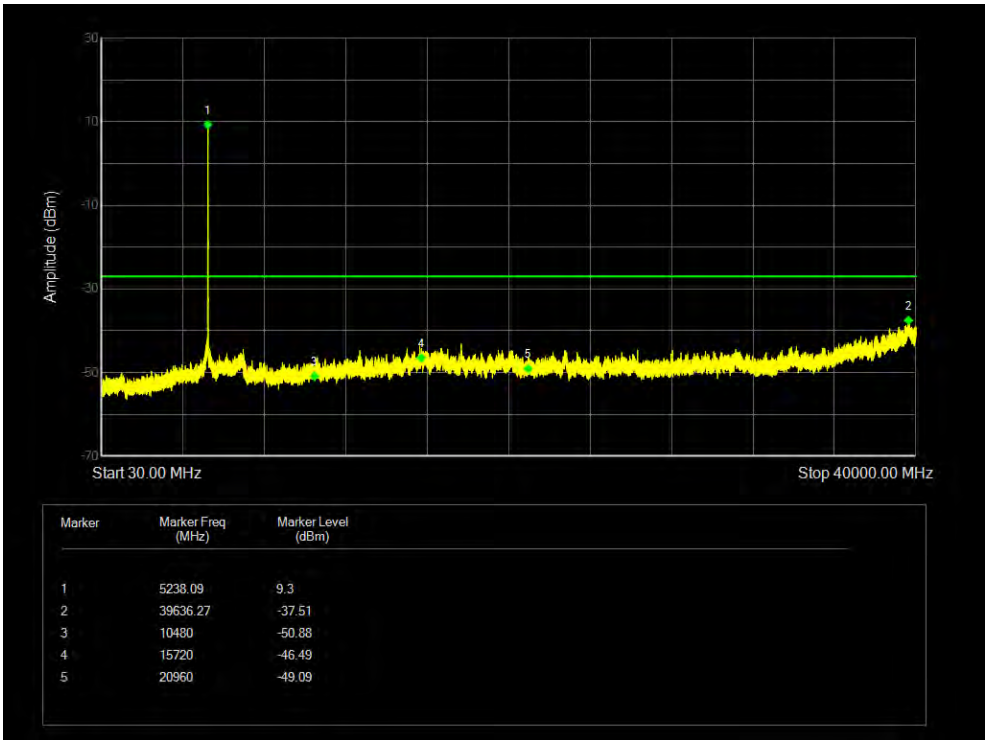
Tx. Spurious NVNT 802.11a 5180MHz Ant 1 Emission



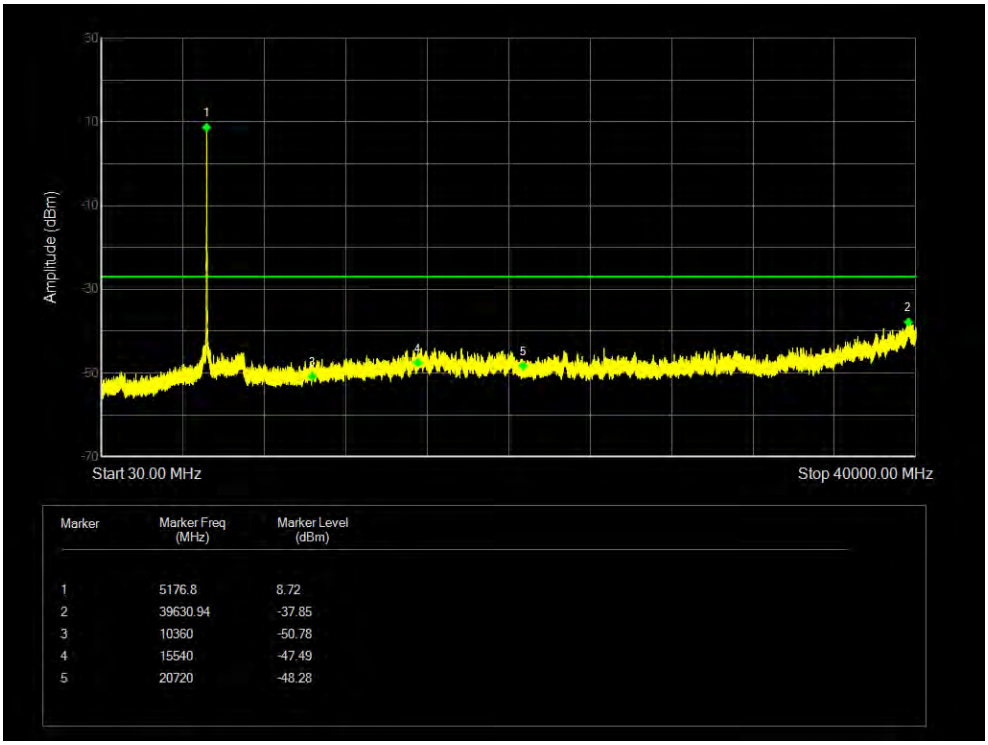
Tx. Spurious NVNT 802.11a 5200MHz Ant 1 Emission



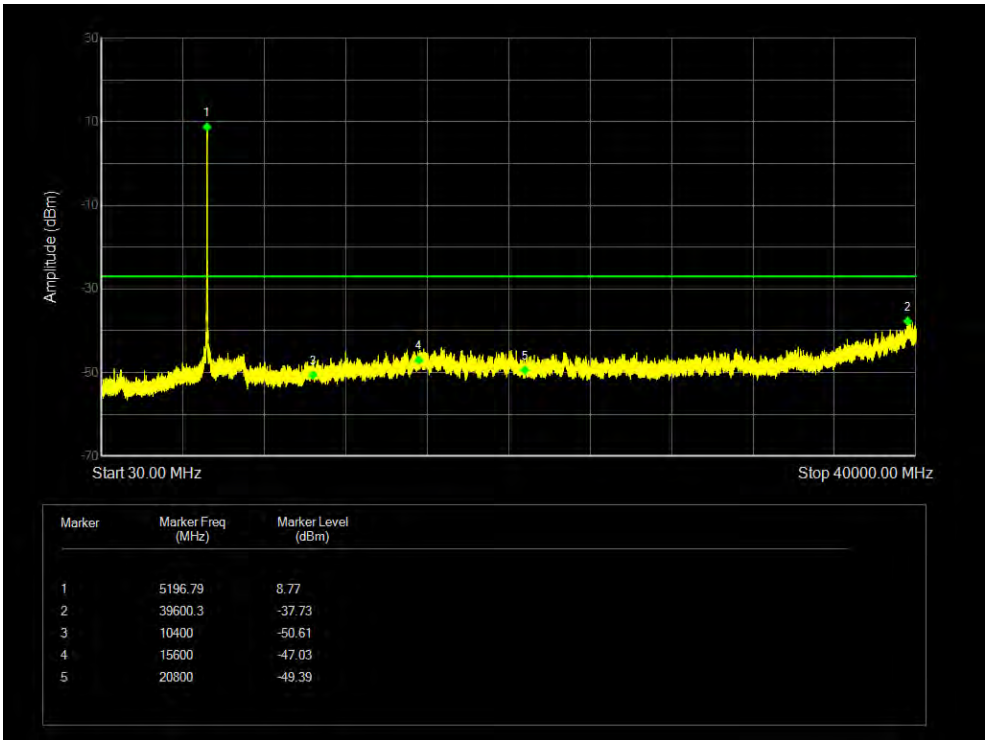
Tx. Spurious NVNT 802.11a 5240MHz Ant 1 Emission



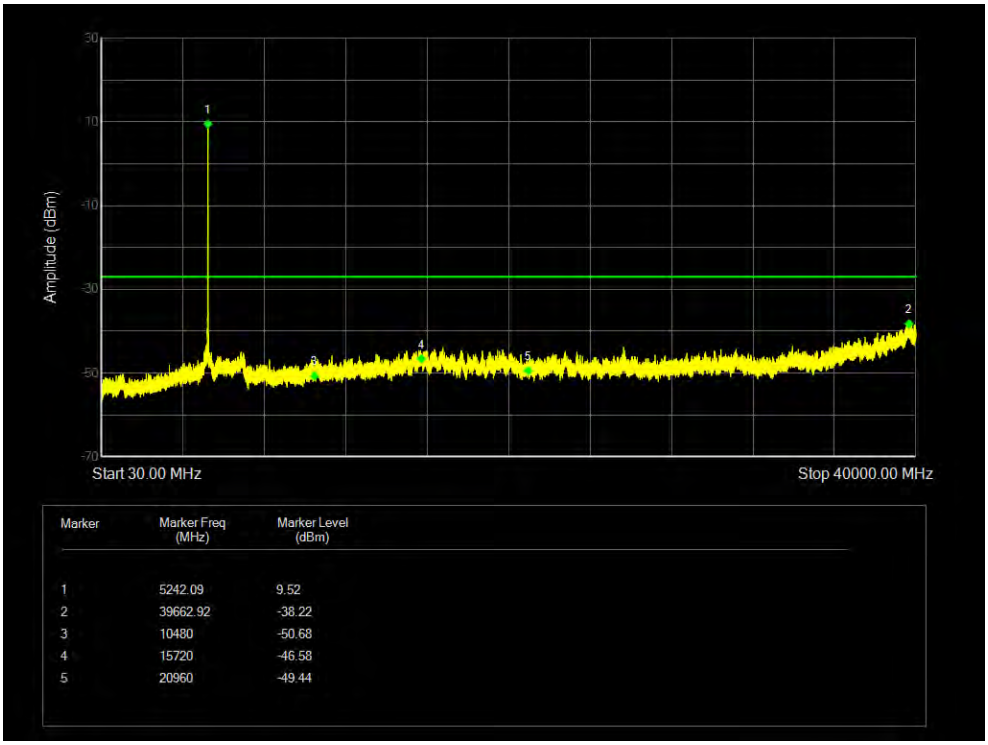
Tx. Spurious NVNT 802.11a 5180MHz Ant 2 Emission



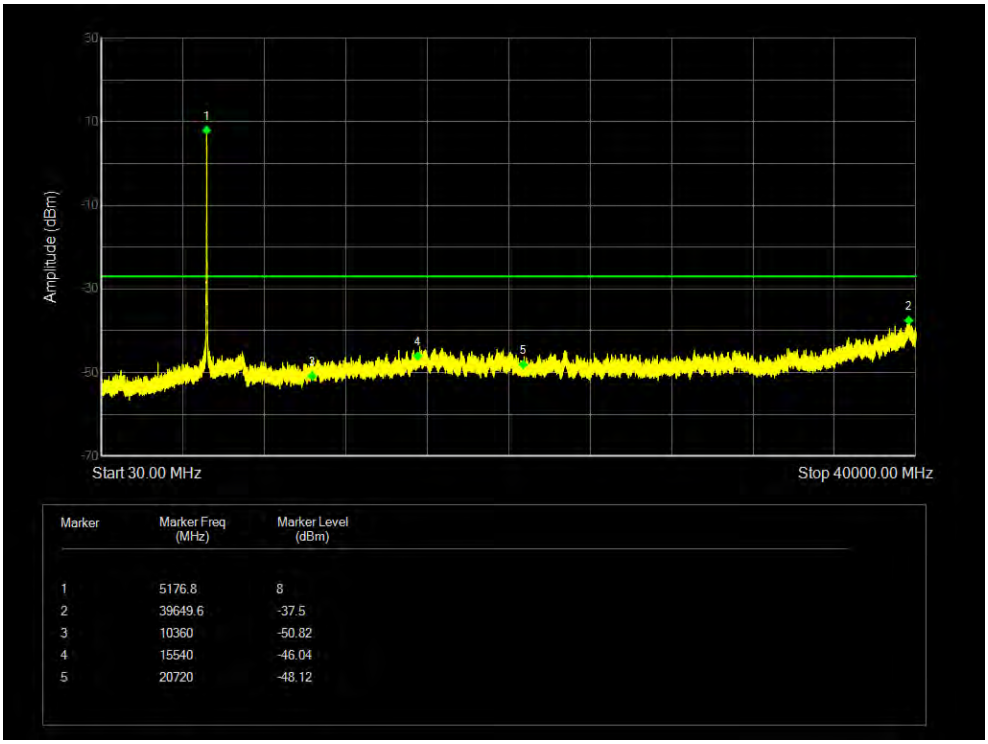
Tx. Spurious NVNT 802.11a 5200MHz Ant 2 Emission



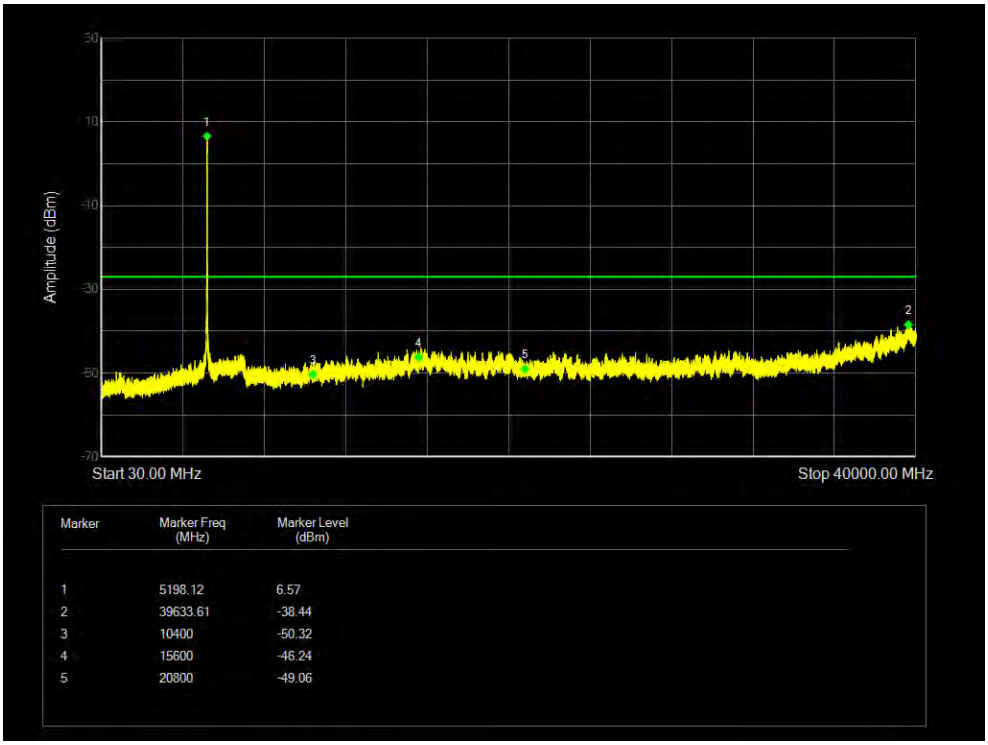
Tx. Spurious NVNT 802.11a 5240MHz Ant 2 Emission



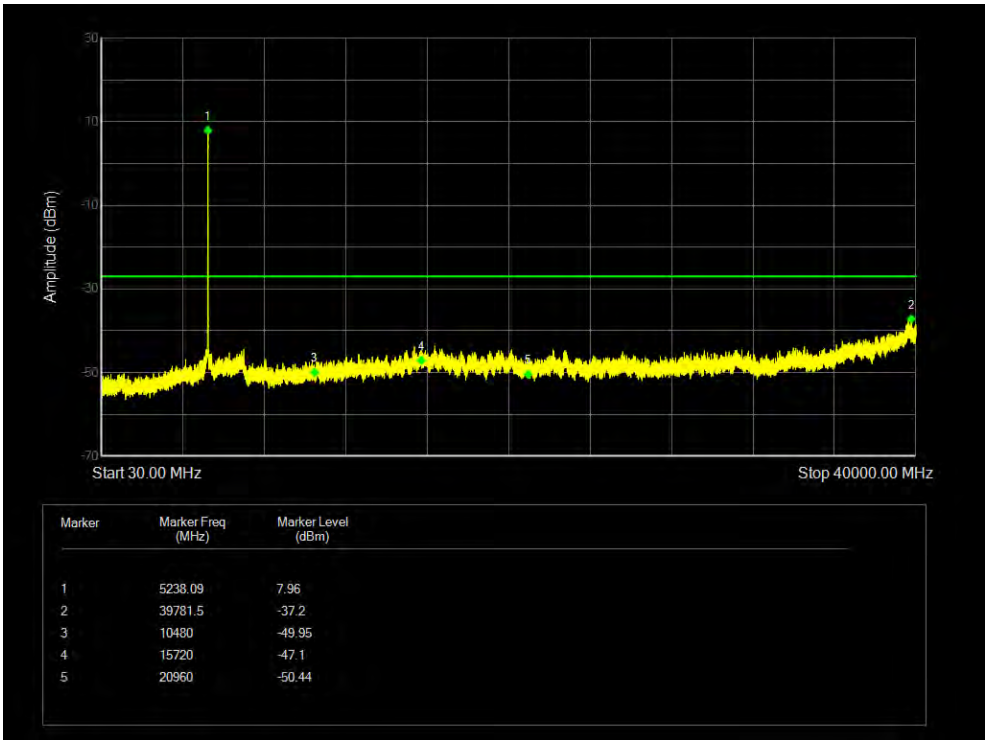
Tx. Spurious NVNT 802.11ac20 5180MHz Ant 1 Emission



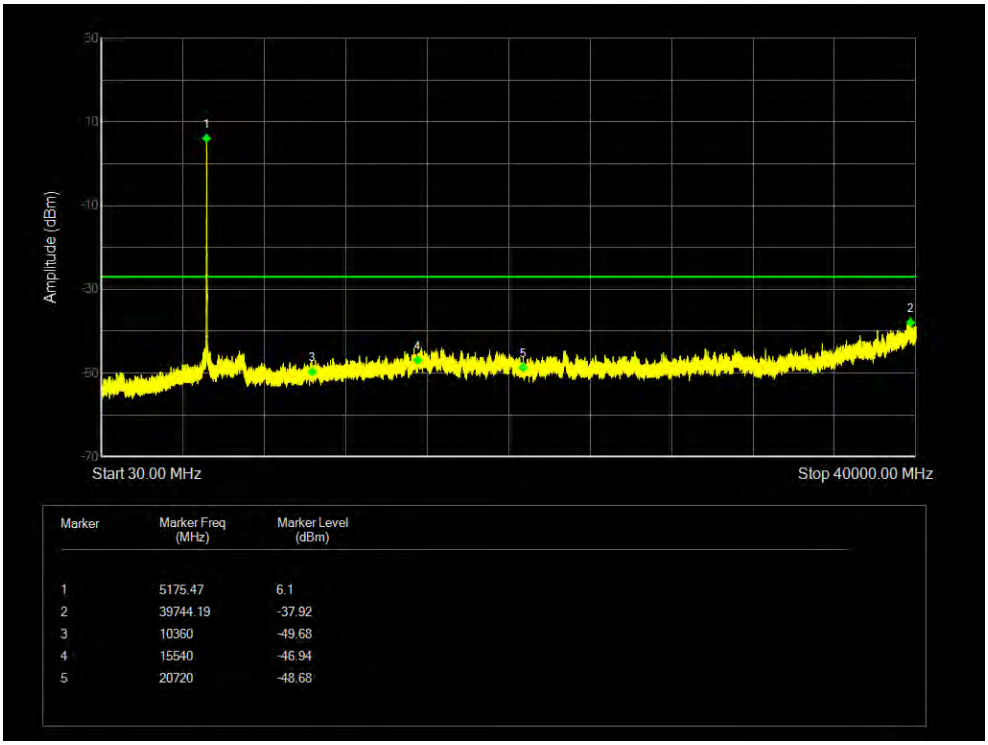
Tx. Spurious NVNT 802.11ac20 5200MHz Ant 1 Emission



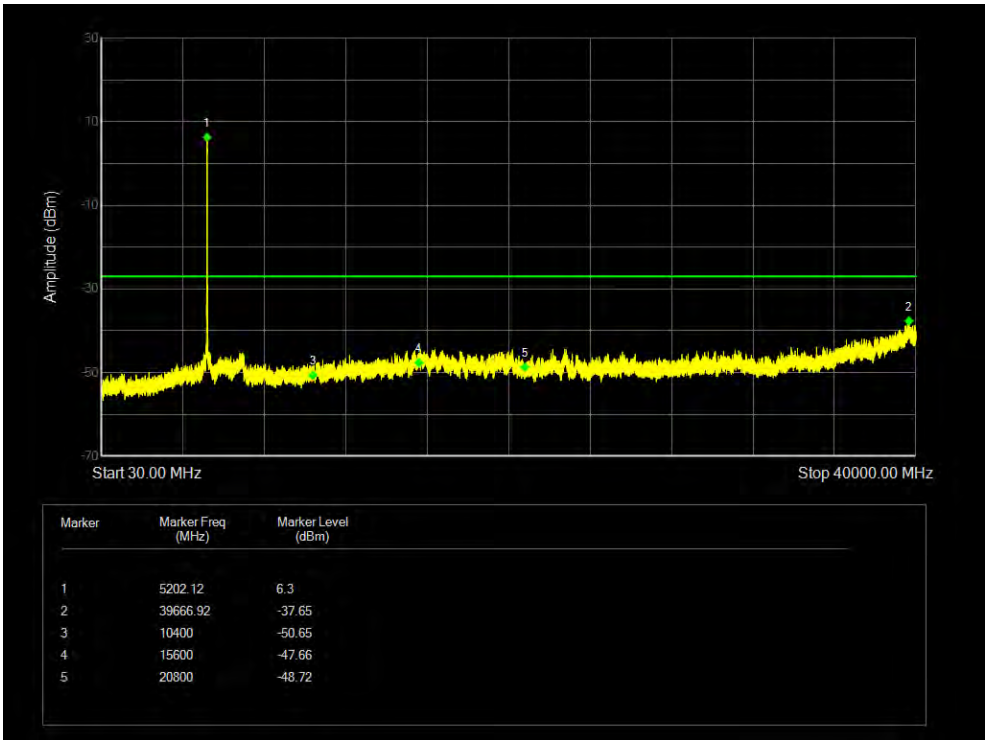
Tx. Spurious NVNT 802.11ac20 5240MHz Ant 1 Emission



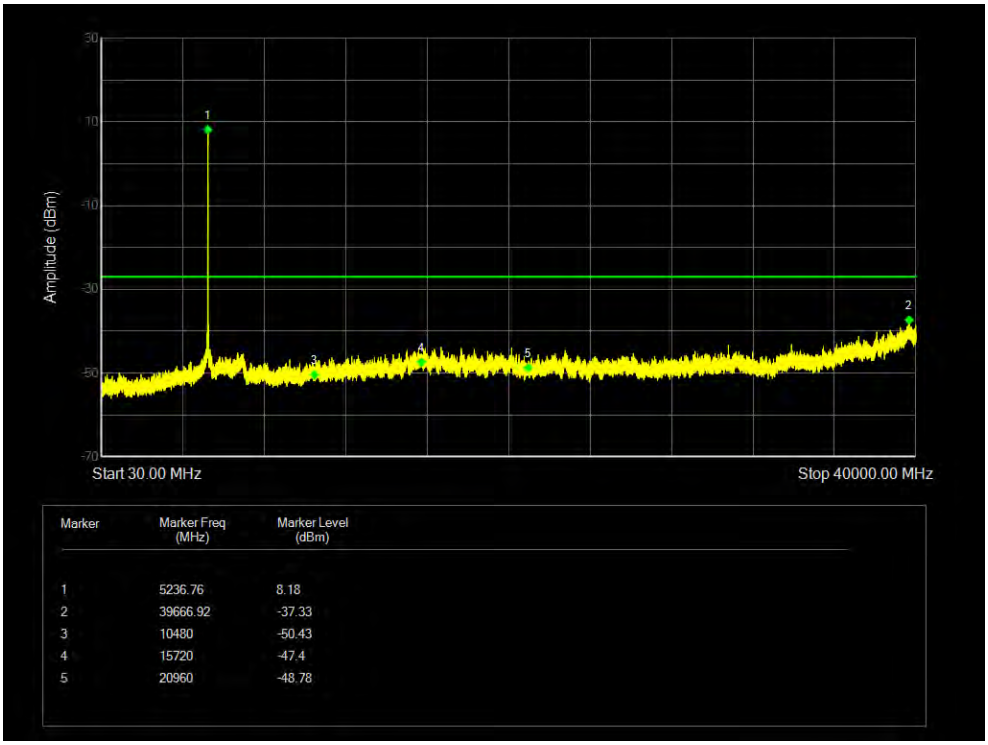
Tx. Spurious NVNT 802.11ac20 5180MHz Ant 2 Emission



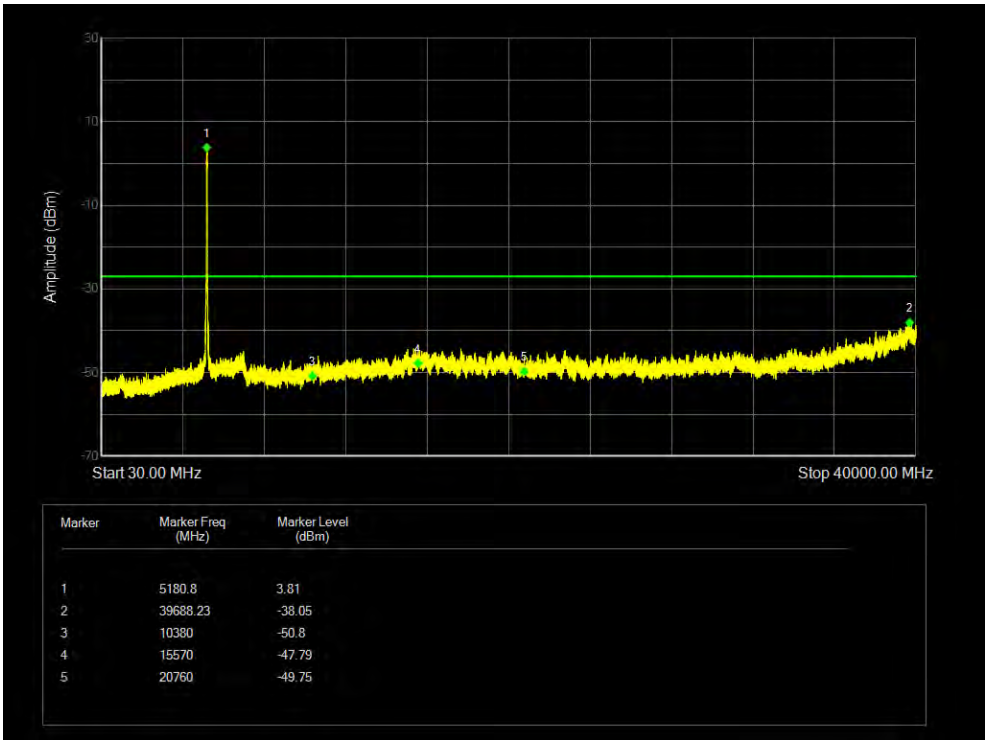
Tx. Spurious NVNT 802.11ac20 5200MHz Ant 2 Emission



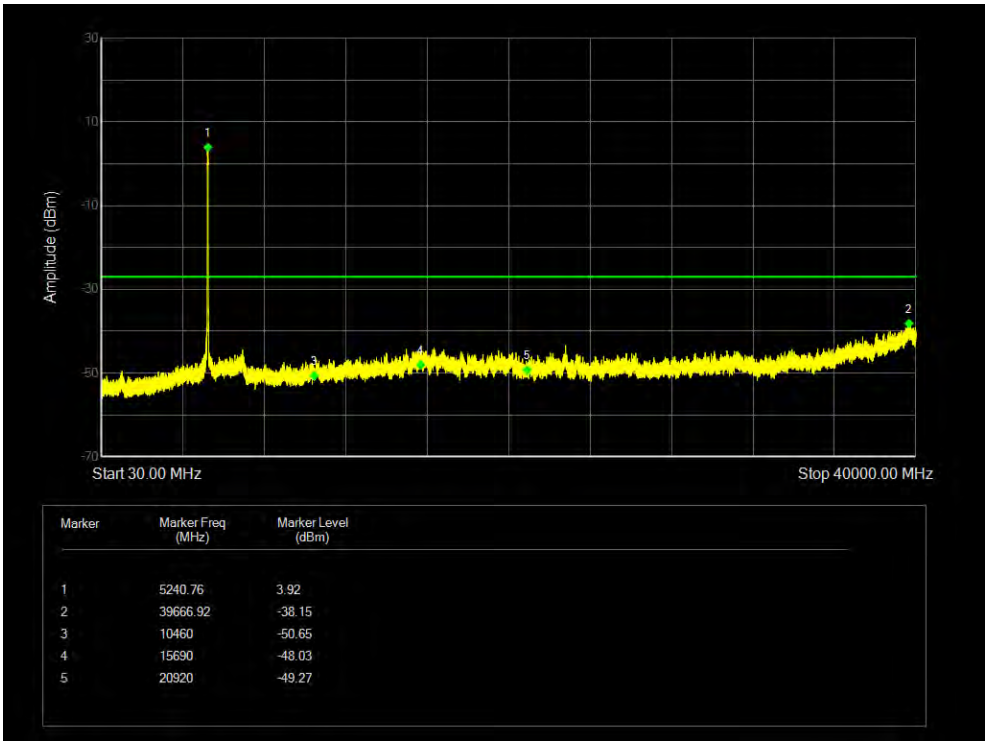
Tx. Spurious NVNT 802.11ac20 5240MHz Ant 2 Emission



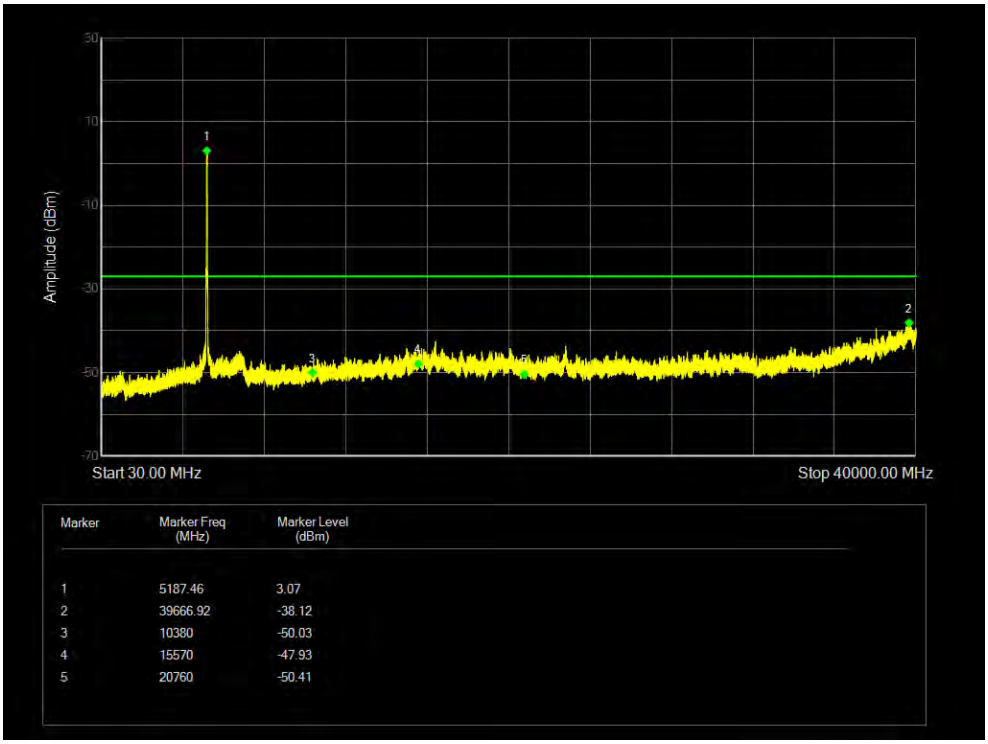
Tx. Spurious NVNT 802.11ac40 5190MHz Ant 1 Emission



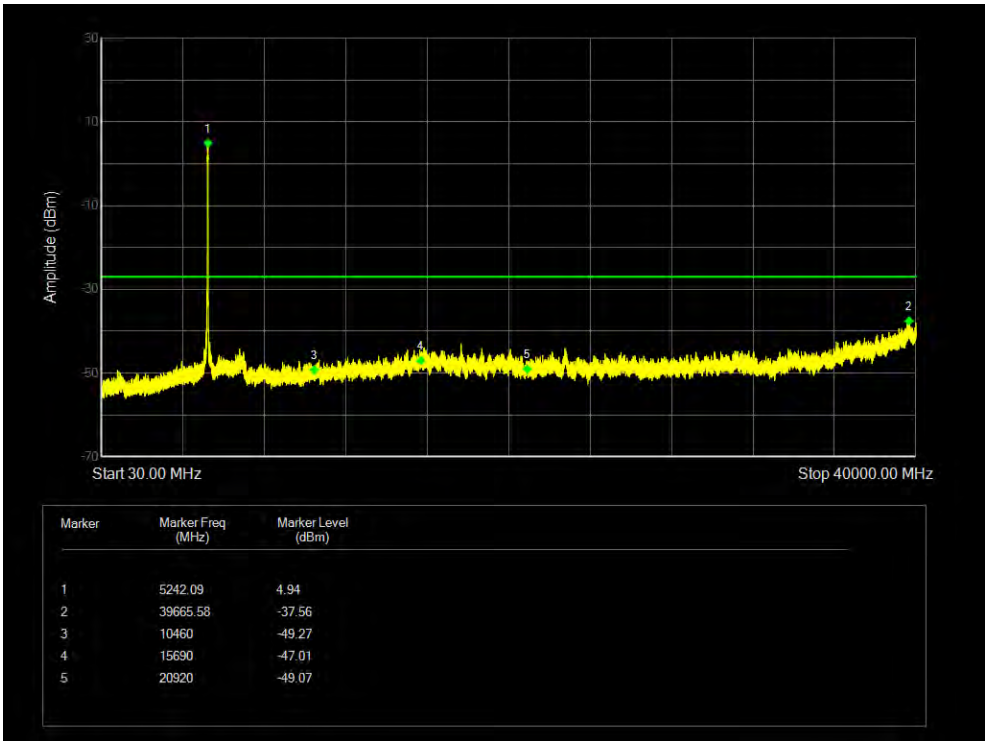
Tx. Spurious NVNT 802.11ac40 5230MHz Ant 1 Emission



Tx. Spurious NVNT 802.11ac40 5190MHz Ant 2 Emission



Tx. Spurious NVNT 802.11ac40 5230MHz Ant 2 Emission



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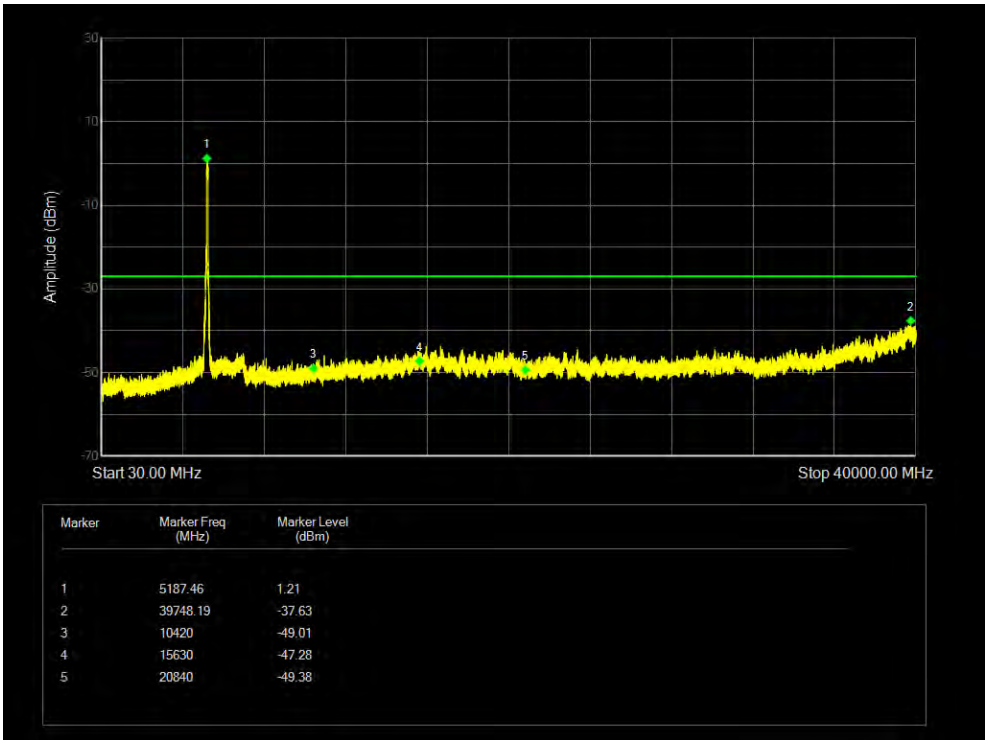
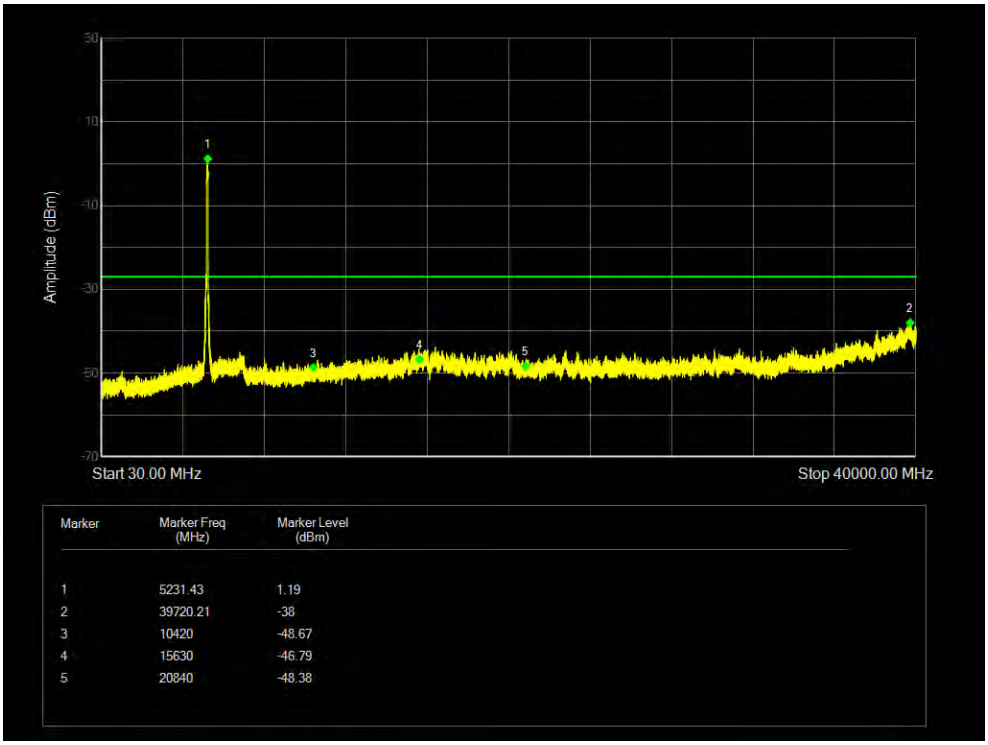
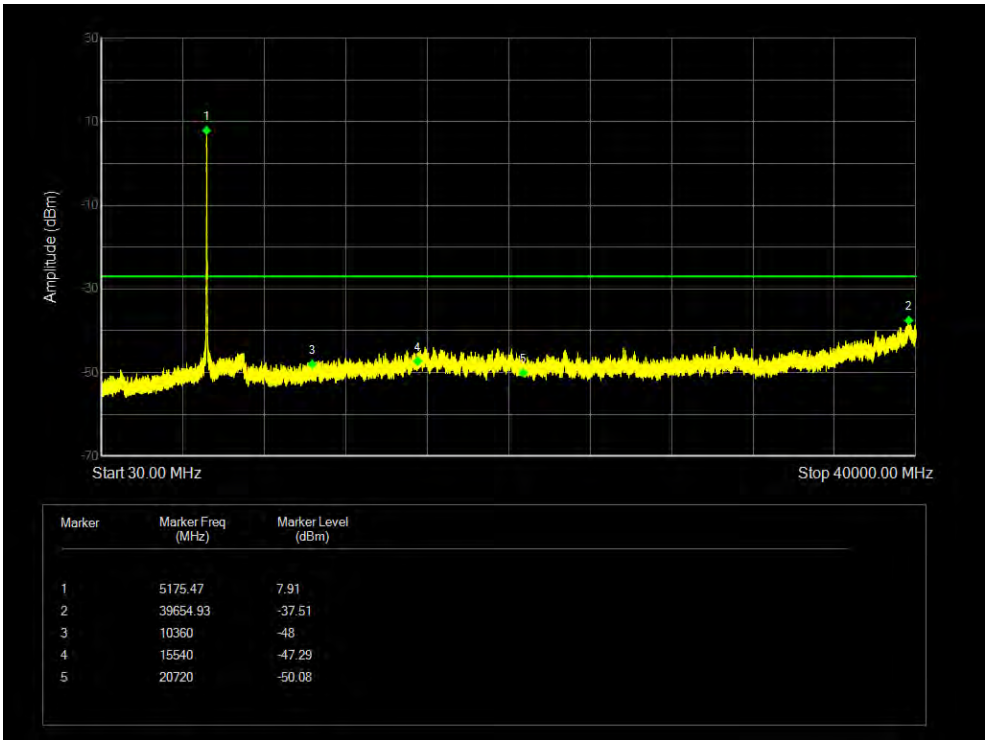


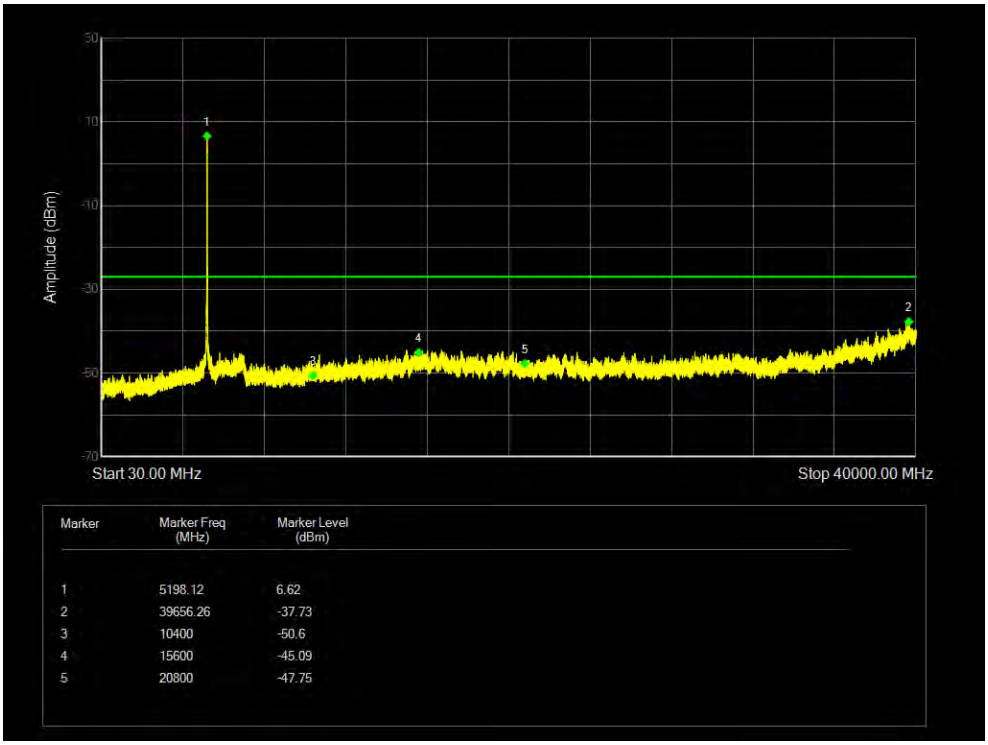
Tx. Spurious NVNT 802.11ac80 5210MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant 1 Emission



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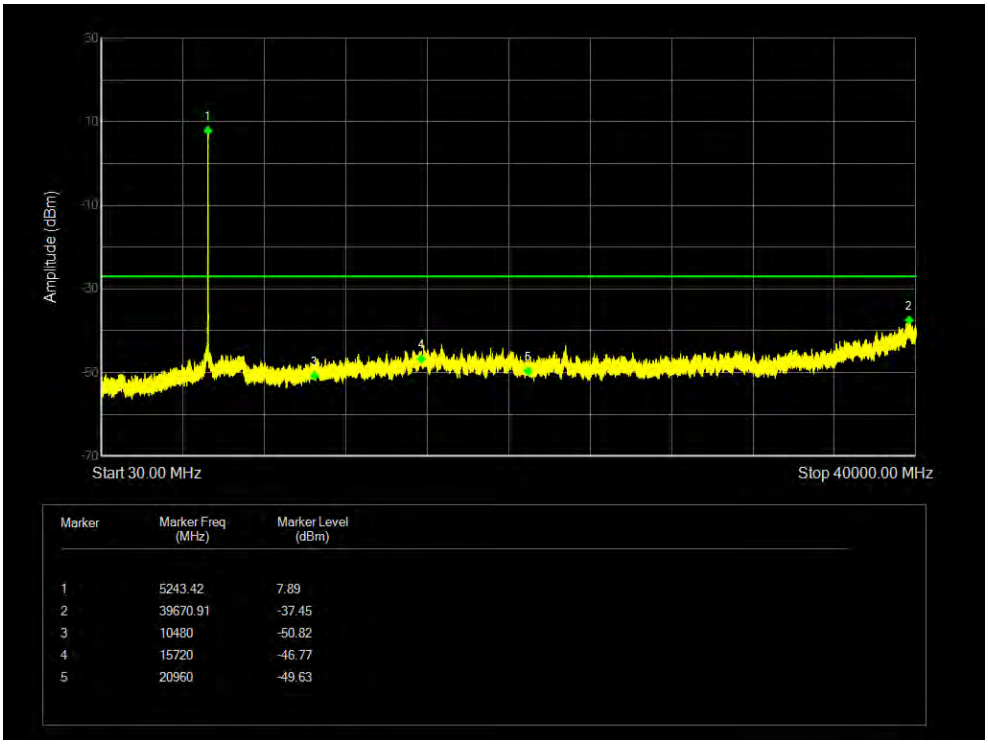

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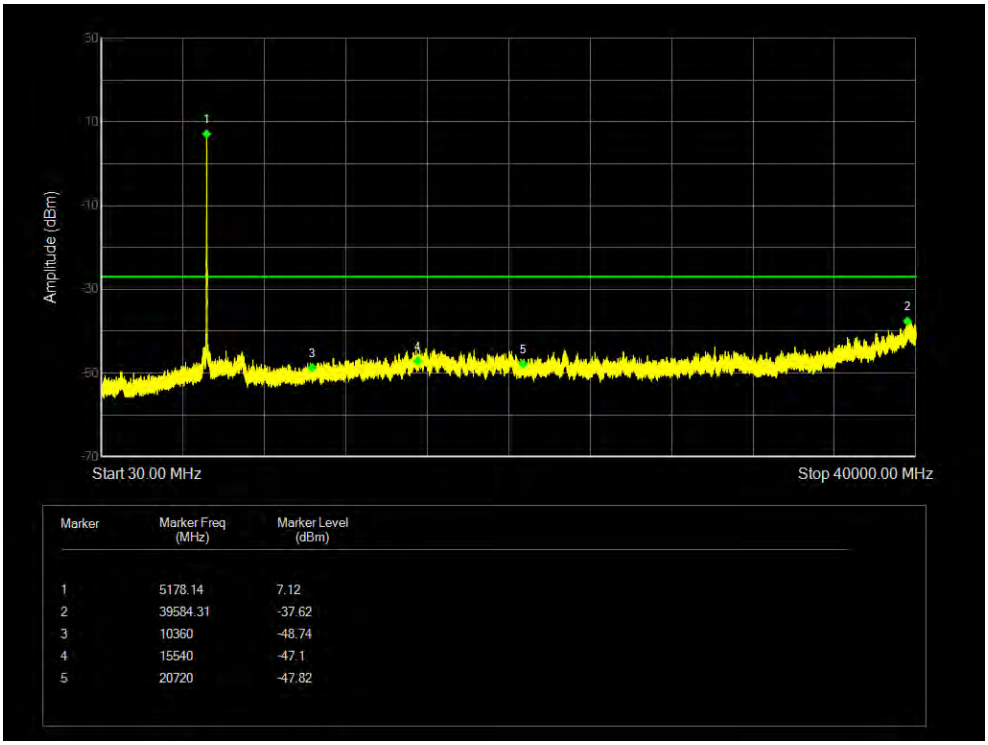
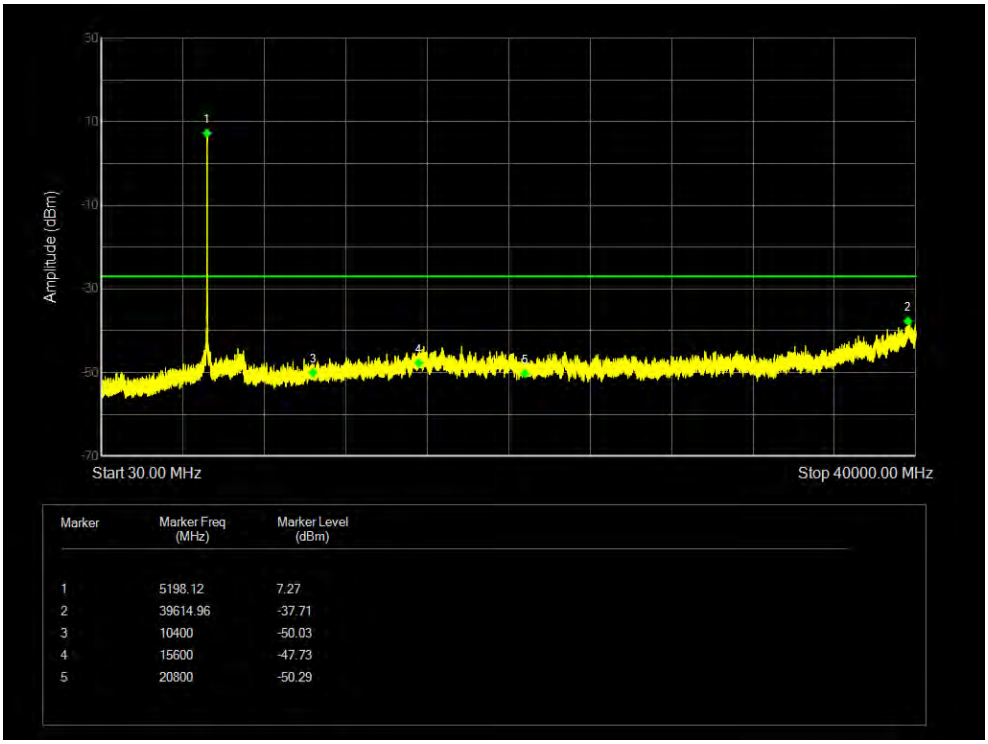
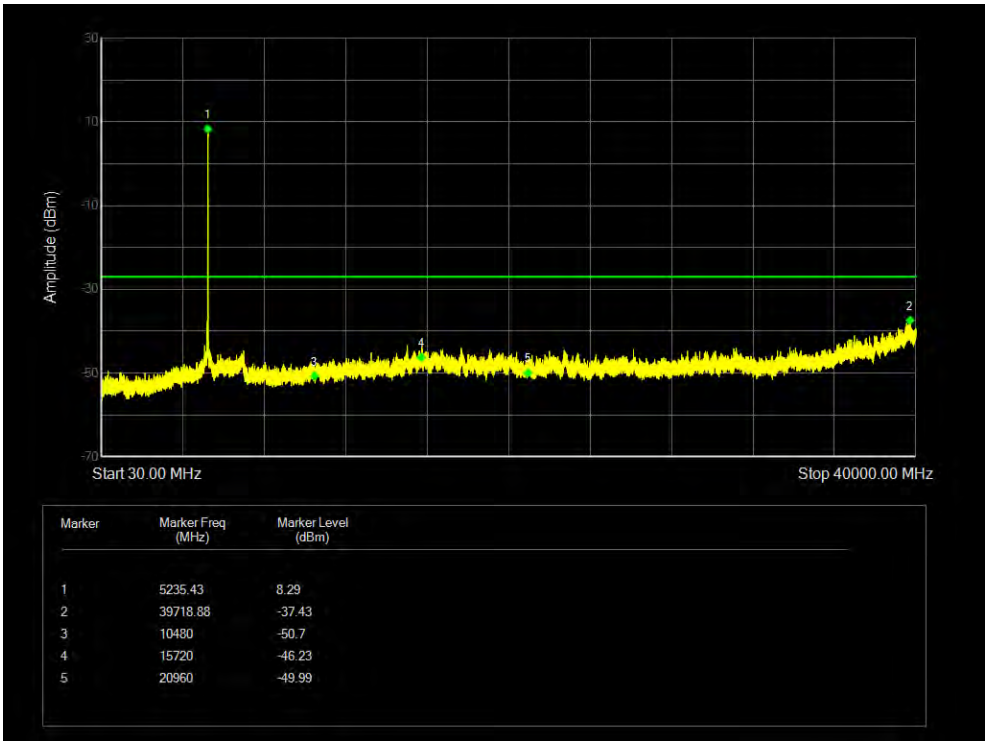


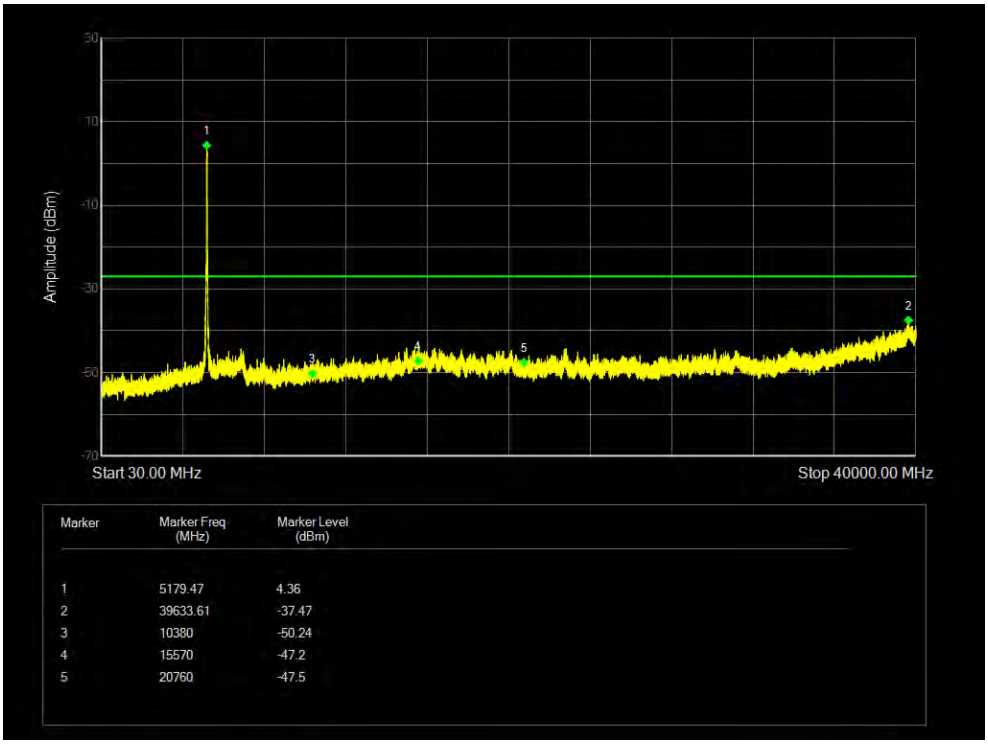
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant 2 Emission



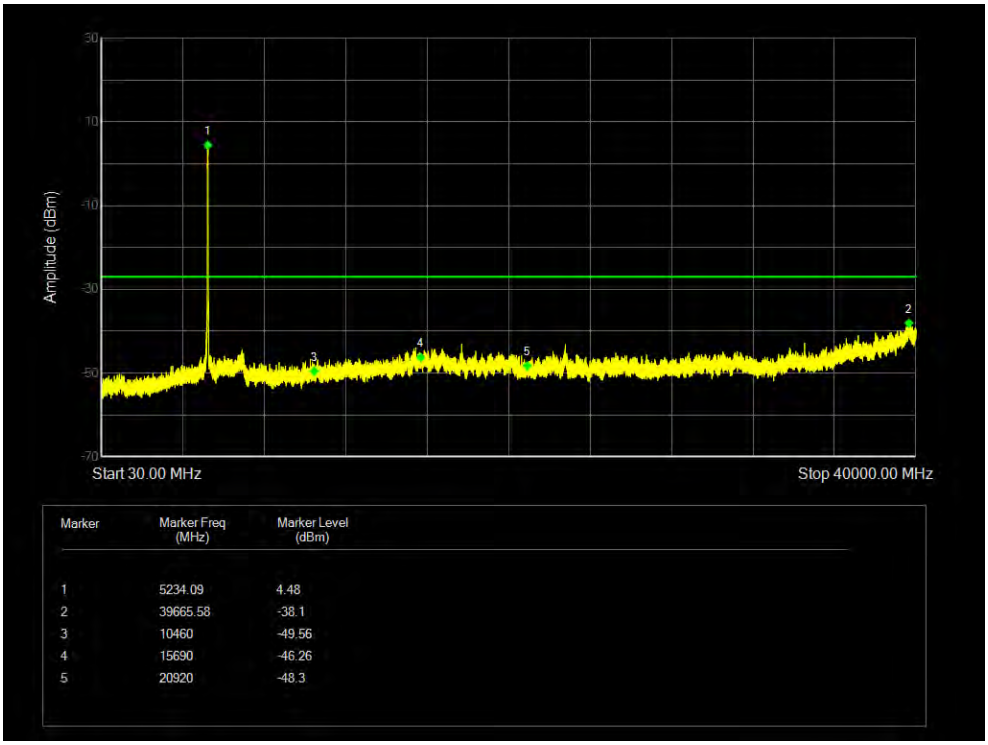
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant 2 Emission



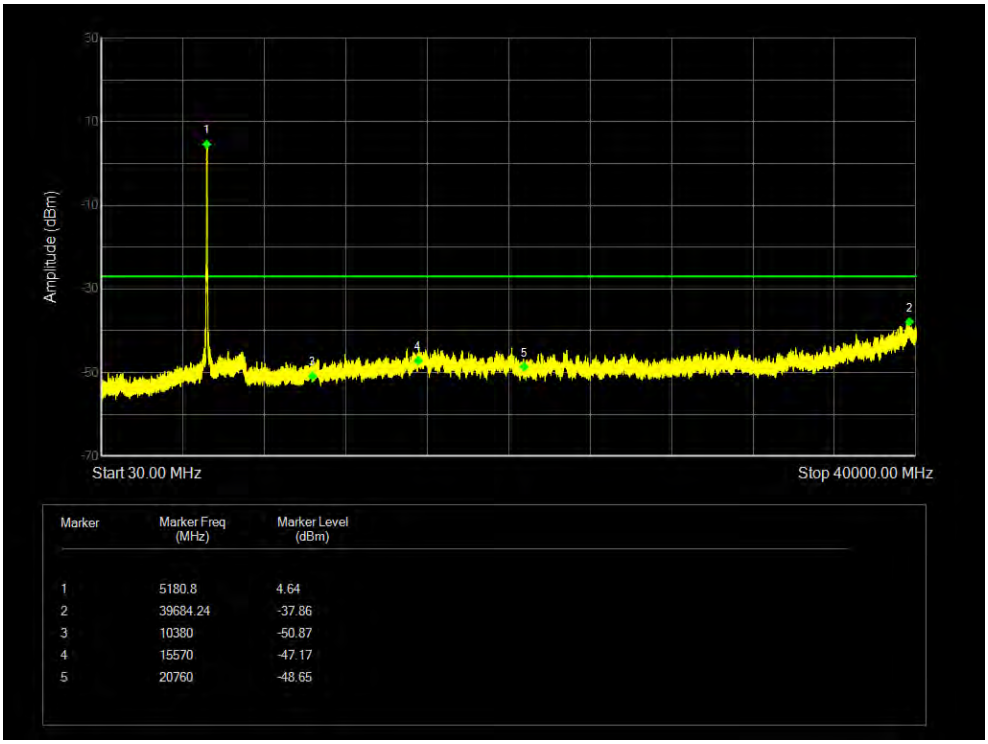
Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant 1 Emission



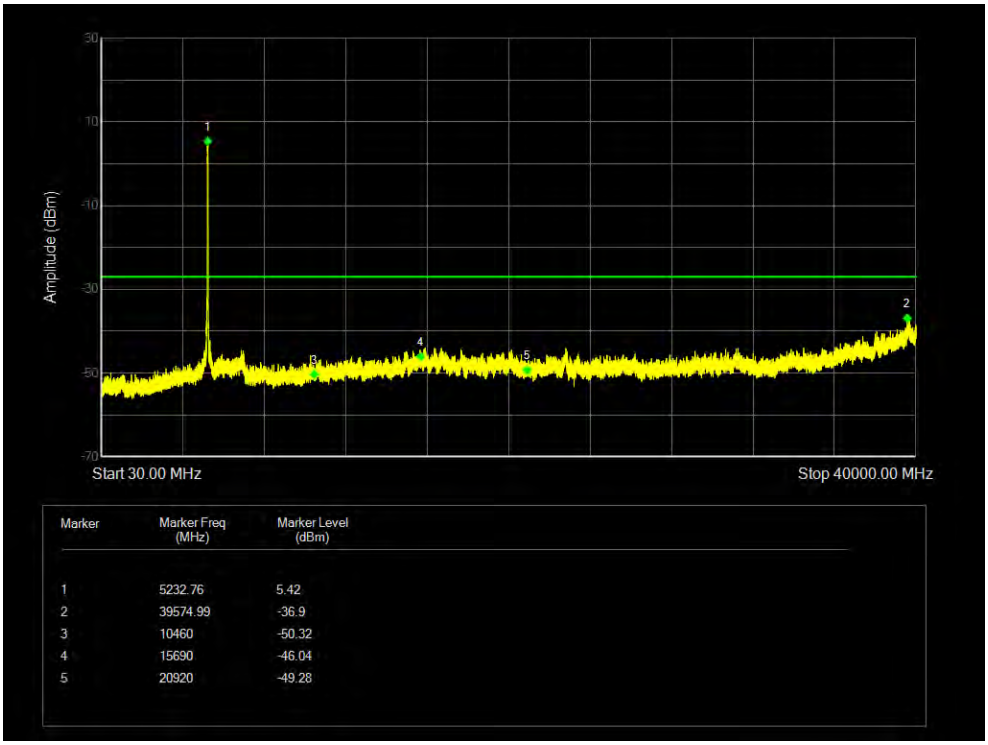
Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant 2 Emission



MIMO 5.2G:

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11ac20	5180	Ant 1	8.43	0.04	8.47	10.97	24	Pass
NVNT	802.11ac20	5180	Ant 2	7.34	0.04	7.38		24	Pass
NVNT	802.11ac20	5200	Ant 1	7.88	0.04	7.92	10.96	24	Pass
NVNT	802.11ac20	5200	Ant 2	7.94	0.04	7.98		24	Pass
NVNT	802.11ac20	5240	Ant 1	8.88	0.04	8.92	11.79	24	Pass
NVNT	802.11ac20	5240	Ant 2	8.59	0.04	8.63		24	Pass
NVNT	802.11ac40	5190	Ant 1	6.81	0.08	6.89	10.15	24	Pass
NVNT	802.11ac40	5190	Ant 2	7.29	0.08	7.37		24	Pass
NVNT	802.11ac40	5230	Ant 1	7.99	0.08	8.07	11.62	24	Pass
NVNT	802.11ac40	5230	Ant 2	9.01	0.08	9.09		24	Pass
NVNT	802.11ac80	5210	Ant 1	7.54	0.16	7.7	10.66	24	Pass
NVNT	802.11ac80	5210	Ant 2	7.43	0.16	7.59		24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	8.3	0.04	8.34	11.51	24	Pass
NVNT	802.11n(HT20)	5180	Ant 2	8.62	0.04	8.66		24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	8.35	0.03	8.38	11.52	24	Pass
NVNT	802.11n(HT20)	5200	Ant 2	8.59	0.05	8.64		24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	8.83	0.03	8.86	12.06	24	Pass
NVNT	802.11n(HT20)	5240	Ant 2	9.2	0.03	9.23		24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	7.67	0.08	7.75	10.76	24	Pass
NVNT	802.11n(HT40)	5190	Ant 2	7.66	0.08	7.74		24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	8.1	0.08	8.18	11.66	24	Pass
NVNT	802.11n(HT40)	5230	Ant 2	9	0.08	9.08		24	Pass

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11ac20	5180	Ant 1	6.741	11	Pass
NVNT	802.11ac20	5180	Ant 2	5.202	11	Pass
NVNT	802.11ac20	5180	Sum	9.05	11	Pass
NVNT	802.11ac20	5200	Ant 1	6.505	11	Pass
NVNT	802.11ac20	5200	Ant 2	4.602	11	Pass
NVNT	802.11ac20	5200	Sum	8.667	11	Pass
NVNT	802.11ac20	5240	Ant 1	7.132	11	Pass
NVNT	802.11ac20	5240	Ant 2	3.628	11	Pass
NVNT	802.11ac20	5240	Sum	8.735	11	Pass
NVNT	802.11ac40	5190	Ant 1	4.349	11	Pass
NVNT	802.11ac40	5190	Ant 2	3.353	11	Pass
NVNT	802.11ac40	5190	Sum	6.89	11	Pass
NVNT	802.11ac40	5230	Ant 1	3.896	11	Pass
NVNT	802.11ac40	5230	Ant 2	0.604	11	Pass
NVNT	802.11ac40	5230	Sum	5.565	11	Pass
NVNT	802.11ac80	5210	Ant 1	-0.367	11	Pass
NVNT	802.11ac80	5210	Ant 2	-2.332	11	Pass
NVNT	802.11ac80	5210	Sum	1.771	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	3.99	11	Pass
NVNT	802.11n(HT20)	5180	Ant 2	4.33	11	Pass
NVNT	802.11n(HT20)	5180	Sum	7.174	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	4.329	11	Pass
NVNT	802.11n(HT20)	5200	Ant 2	4.453	11	Pass
NVNT	802.11n(HT20)	5200	Sum	7.402	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	5.946	11	Pass
NVNT	802.11n(HT20)	5240	Ant 2	4.528	11	Pass
NVNT	802.11n(HT20)	5240	Sum	8.305	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	0.26	11	Pass
NVNT	802.11n(HT40)	5190	Ant 2	2.18	11	Pass
NVNT	802.11n(HT40)	5190	Sum	4.336	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	2.649	11	Pass
NVNT	802.11n(HT40)	5230	Ant 2	1.096	11	Pass
NVNT	802.11n(HT40)	5230	Sum	4.952	11	Pass