

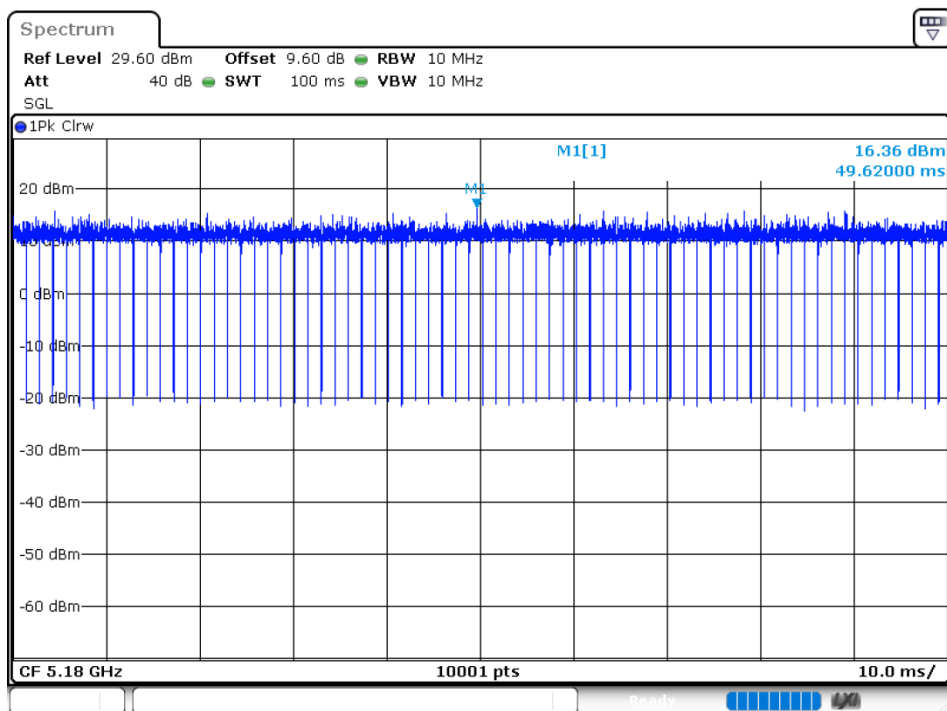
5.2G:

Duty Cycle

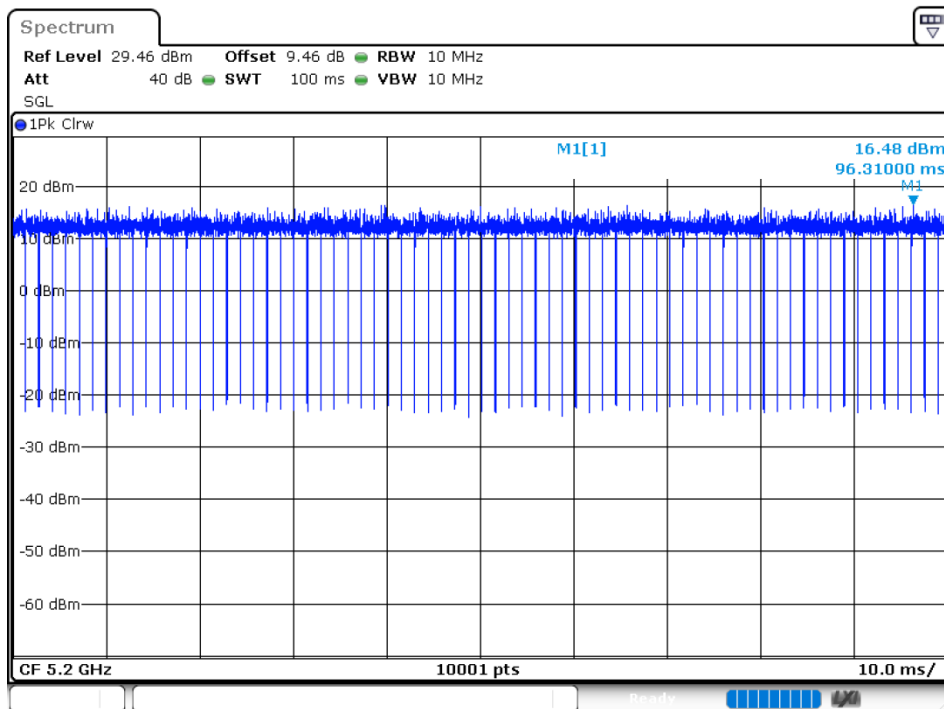
Antenna	Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
Ant 1	NVNT	802.11a	5180	100	0
Ant 1	NVNT	802.11a	5200	100	0
Ant 1	NVNT	802.11a	5240	100	0
Ant 2	NVNT	802.11a	5180	100	0
Ant 2	NVNT	802.11a	5200	100	0
Ant 2	NVNT	802.11a	5240	100	0
Ant 3	NVNT	802.11a	5180	100	0
Ant 3	NVNT	802.11a	5200	100	0
Ant 3	NVNT	802.11a	5240	100	0
Ant 1	NVNT	802.11ac20	5180	100	0
Ant 1	NVNT	802.11ac20	5200	100	0
Ant 1	NVNT	802.11ac20	5240	100	0
Ant 2	NVNT	802.11ac20	5180	100	0
Ant 2	NVNT	802.11ac20	5200	100	0
Ant 2	NVNT	802.11ac20	5240	100	0
Ant 3	NVNT	802.11ac20	5180	100	0
Ant 3	NVNT	802.11ac20	5200	100	0
Ant 3	NVNT	802.11ac20	5240	100	0
Ant 1	NVNT	802.11ac40	5190	100	0
Ant 1	NVNT	802.11ac40	5230	100	0
Ant 2	NVNT	802.11ac40	5190	100	0
Ant 2	NVNT	802.11ac40	5230	100	0
Ant 3	NVNT	802.11ac40	5190	100	0
Ant 3	NVNT	802.11ac40	5230	100	0
Ant 1	NVNT	802.11ac80	5210	100	0
Ant 2	NVNT	802.11ac80	5210	100	0
Ant 3	NVNT	802.11ac80	5210	100	0
Ant 1	NVNT	802.11n(HT20)	5180	100	0
Ant 1	NVNT	802.11n(HT20)	5200	100	0
Ant 1	NVNT	802.11n(HT20)	5240	100	0
Ant 2	NVNT	802.11n(HT20)	5180	100	0
Ant 2	NVNT	802.11n(HT20)	5200	100	0
Ant 2	NVNT	802.11n(HT20)	5240	100	0
Ant 3	NVNT	802.11n(HT20)	5180	100	0
Ant 3	NVNT	802.11n(HT20)	5200	100	0
Ant 3	NVNT	802.11n(HT20)	5240	100	0

Ant 1	NVNT	802.11n(HT40)	5190	100	0
Ant 1	NVNT	802.11n(HT40)	5230	100	0
Ant 2	NVNT	802.11n(HT40)	5190	100	0
Ant 2	NVNT	802.11n(HT40)	5230	100	0
Ant 3	NVNT	802.11n(HT40)	5190	100	0
Ant 3	NVNT	802.11n(HT40)	5230	100	0

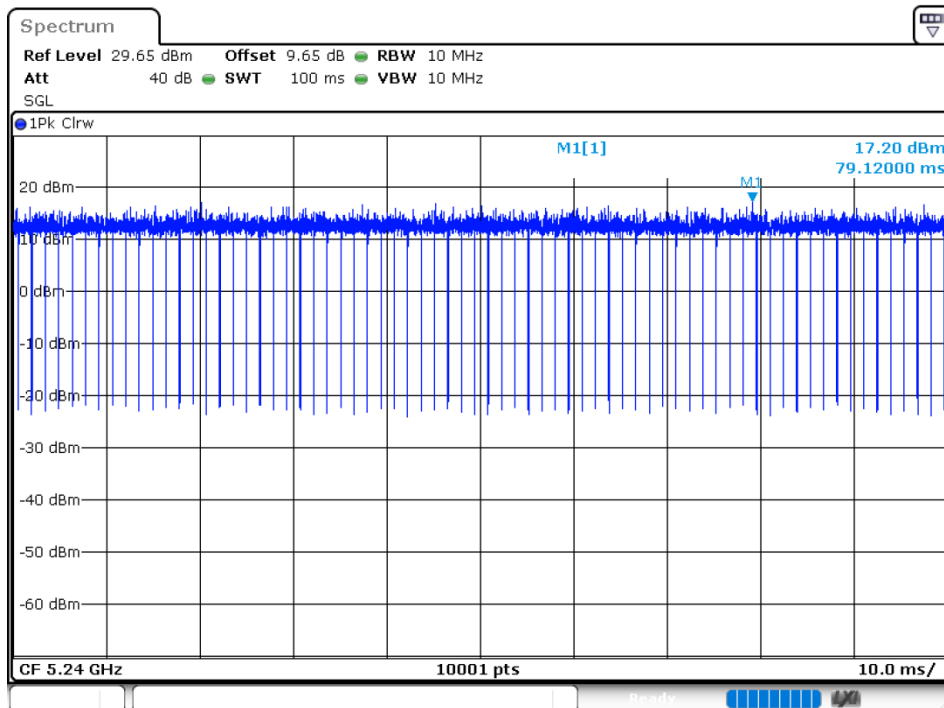
Duty Cycle NVNT 802.11a 5180MHz Ant 1



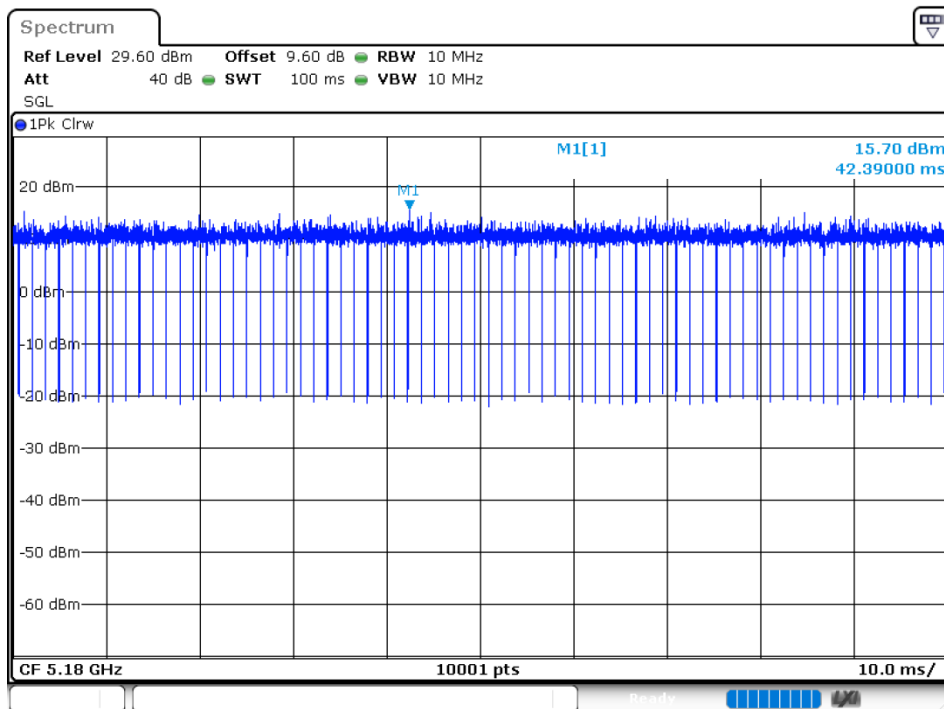
Duty Cycle NVNT 802.11a 5200MHz Ant 1



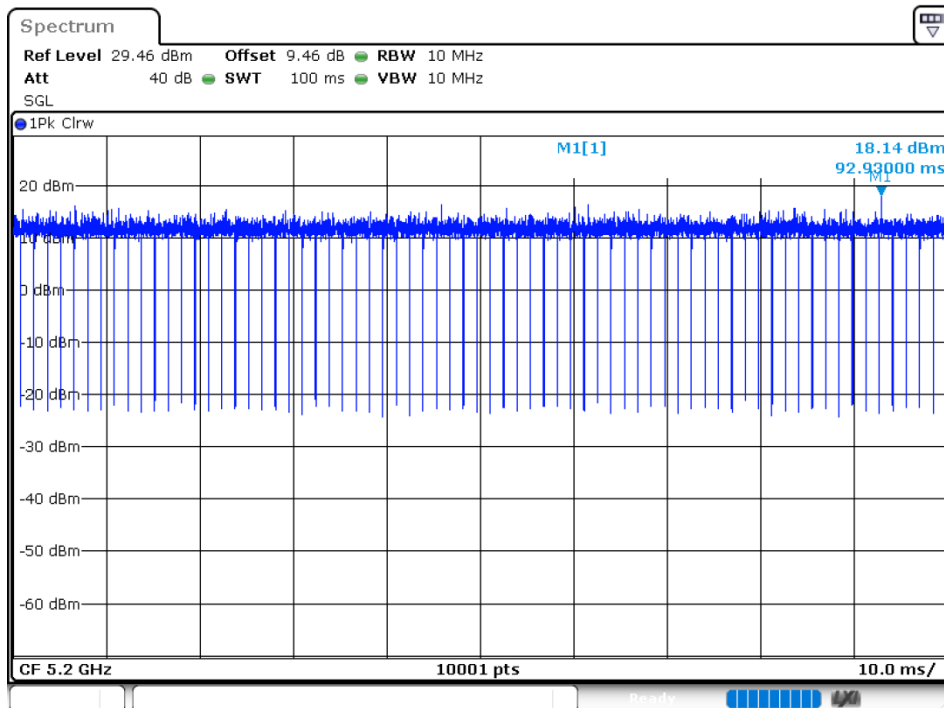
Duty Cycle NVNT 802.11a 5240MHz Ant 1



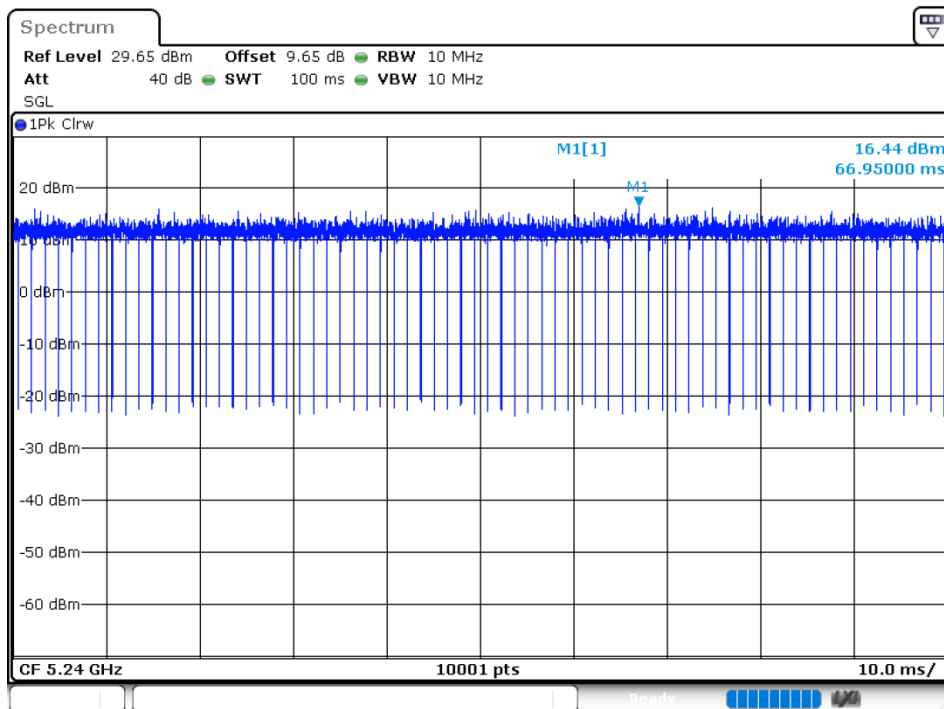
Duty Cycle NVNT 802.11a 5180MHz Ant 2



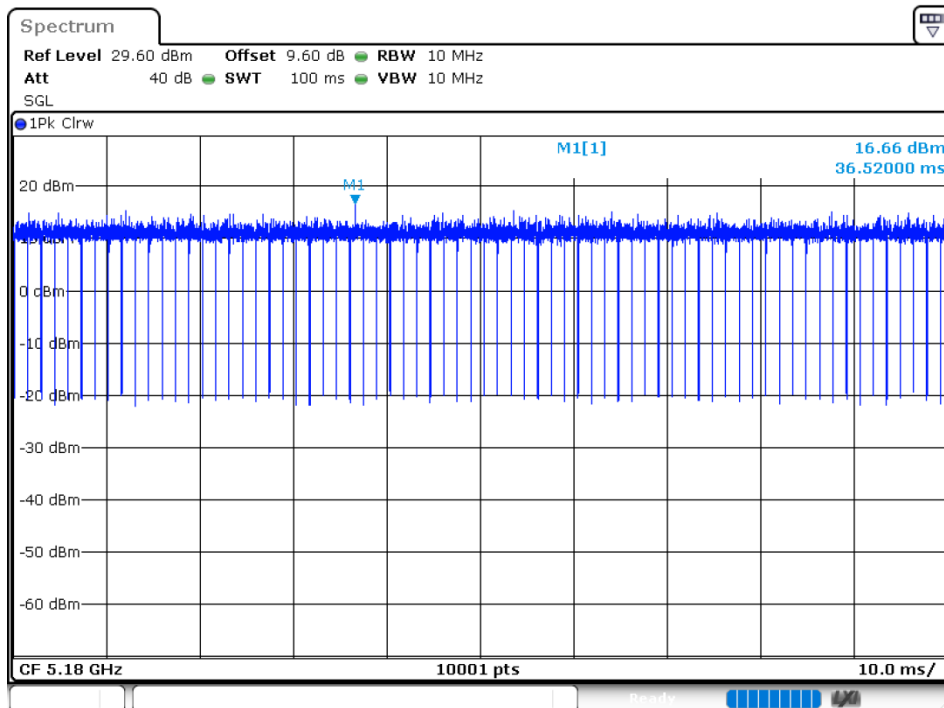
Duty Cycle NVNT 802.11a 5200MHz Ant 2



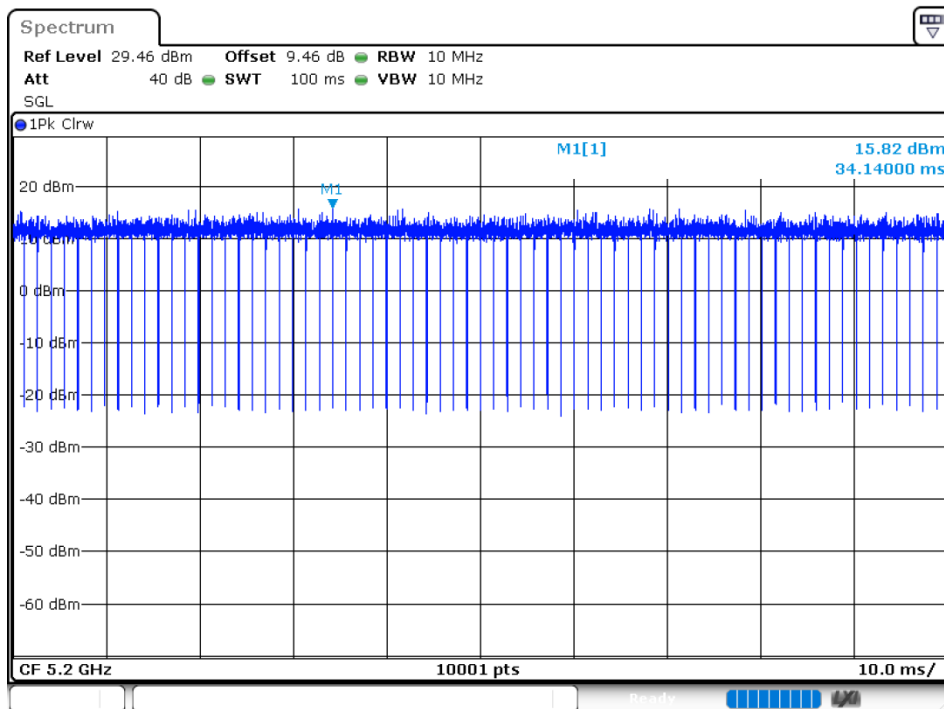
Duty Cycle NVNT 802.11a 5240MHz Ant 2



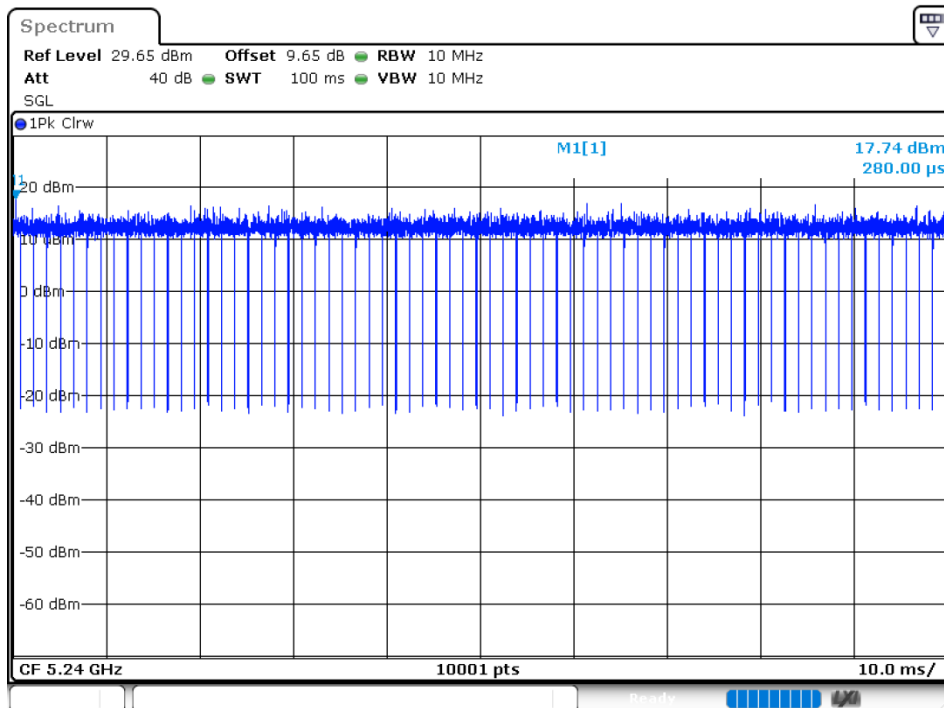
Duty Cycle NVNT 802.11a 5180MHz Ant 3



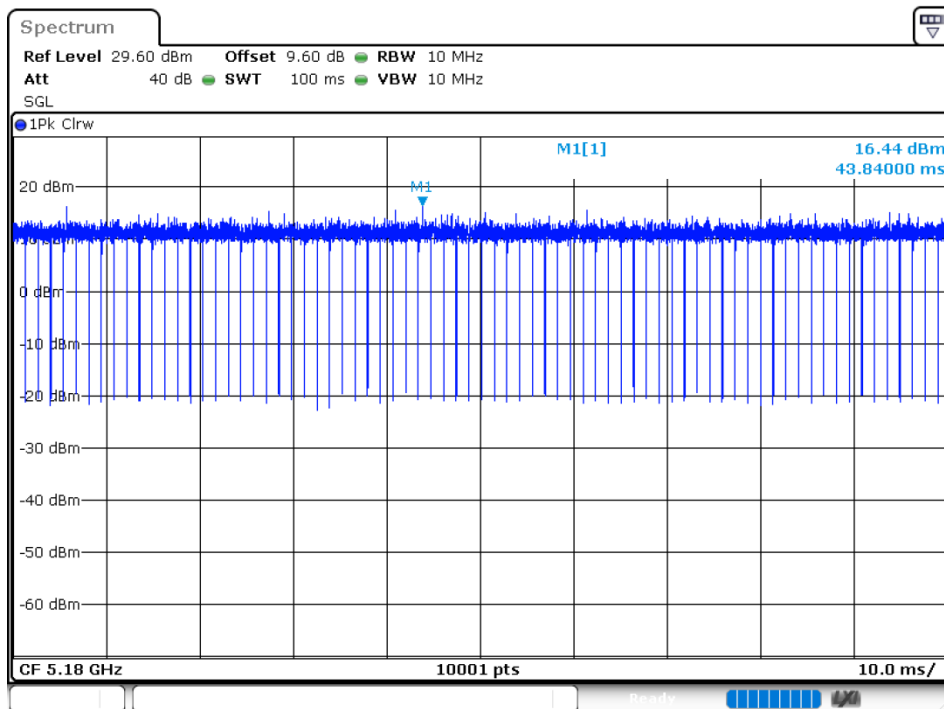
Duty Cycle NVNT 802.11a 5200MHz Ant 3



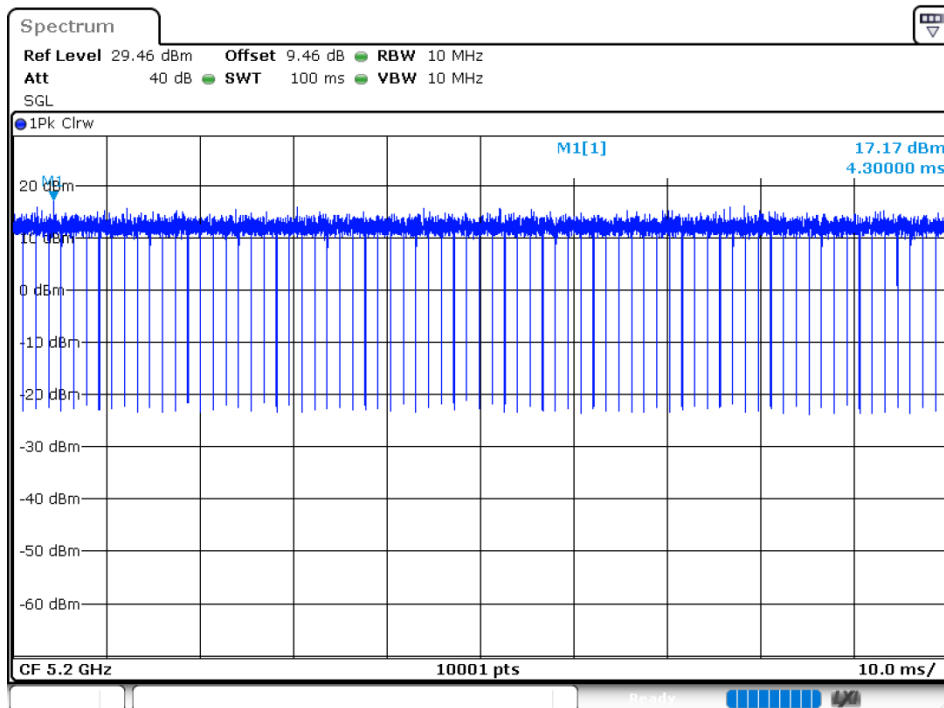
Duty Cycle NVNT 802.11a 5240MHz Ant 3



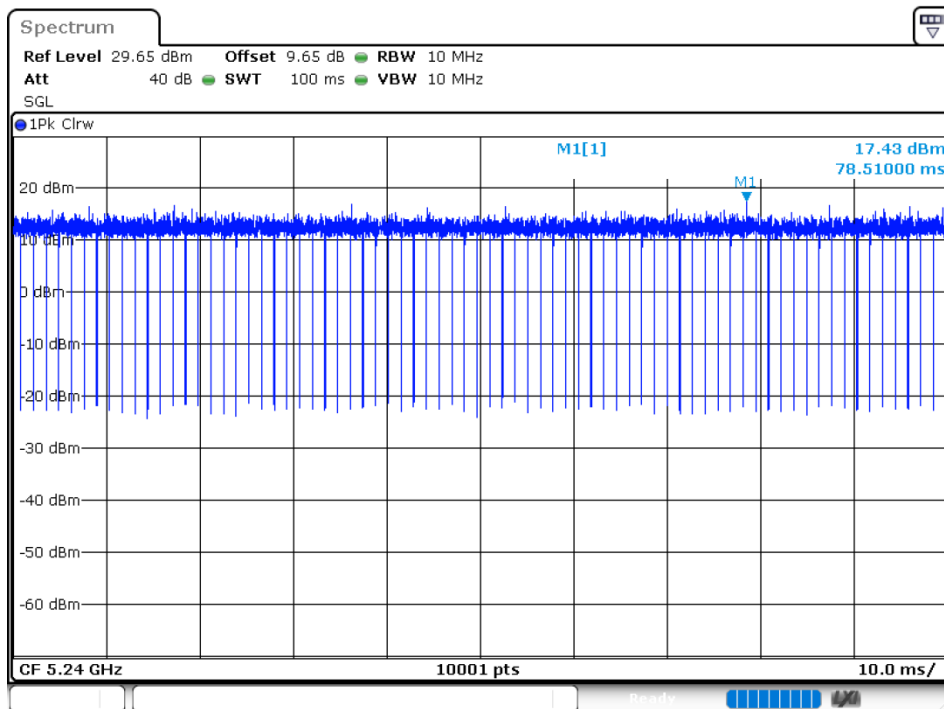
Duty Cycle NVNT 802.11ac20 5180MHz Ant 1



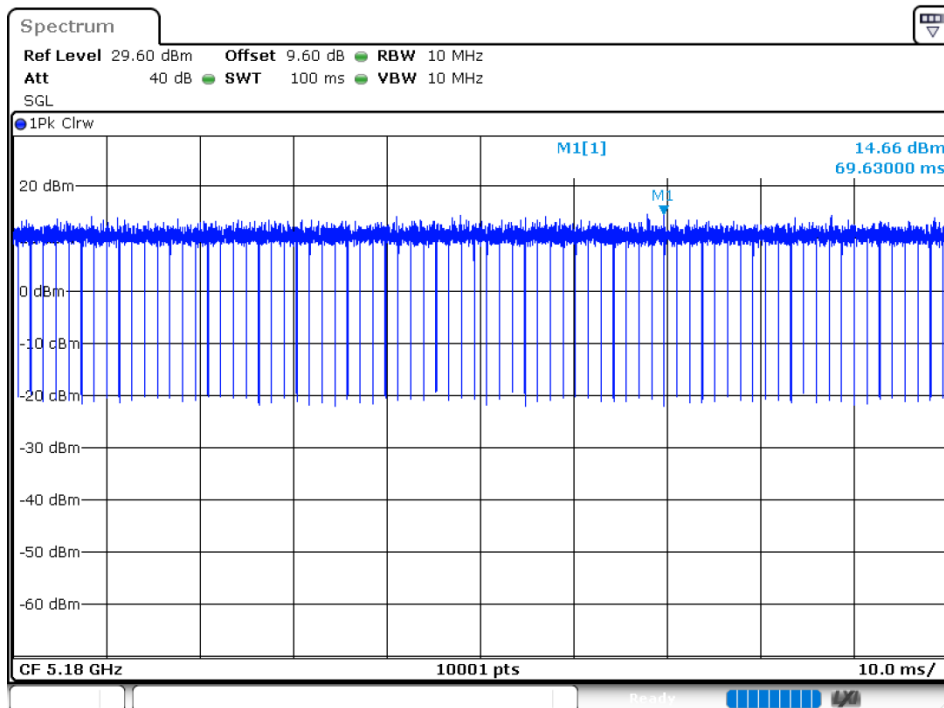
Duty Cycle NVNT 802.11ac20 5200MHz Ant 1



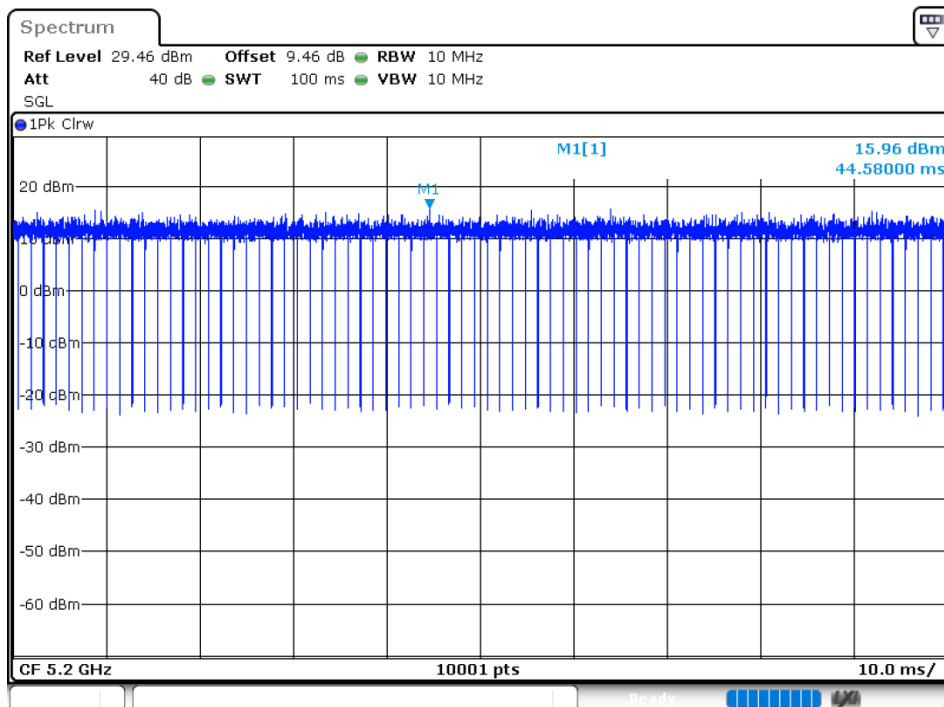
Duty Cycle NVNT 802.11ac20 5240MHz Ant 1



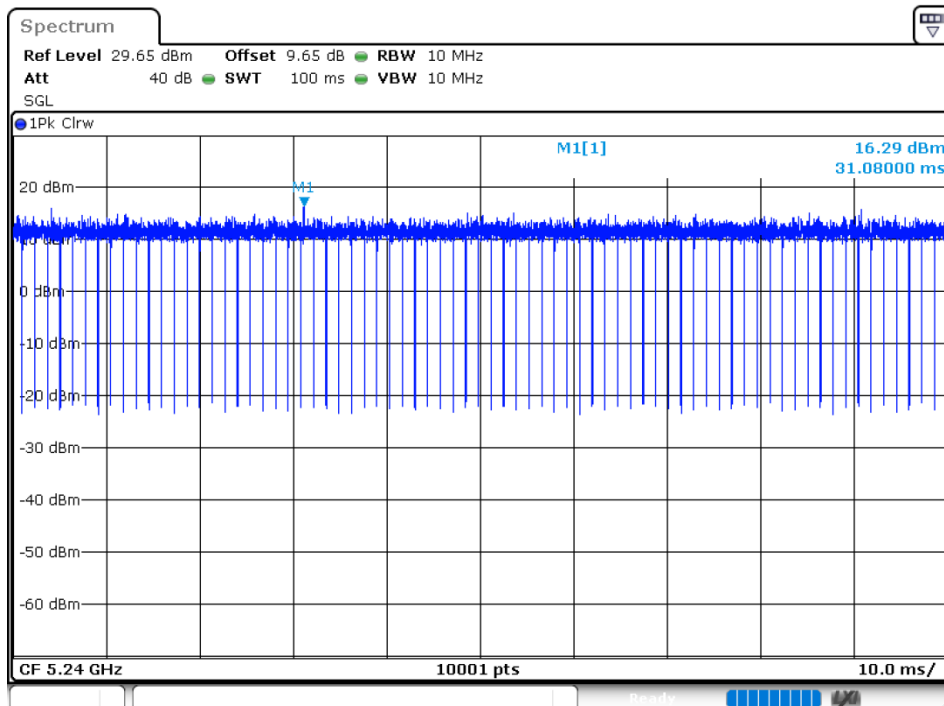
Duty Cycle NVNT 802.11ac20 5180MHz Ant 2



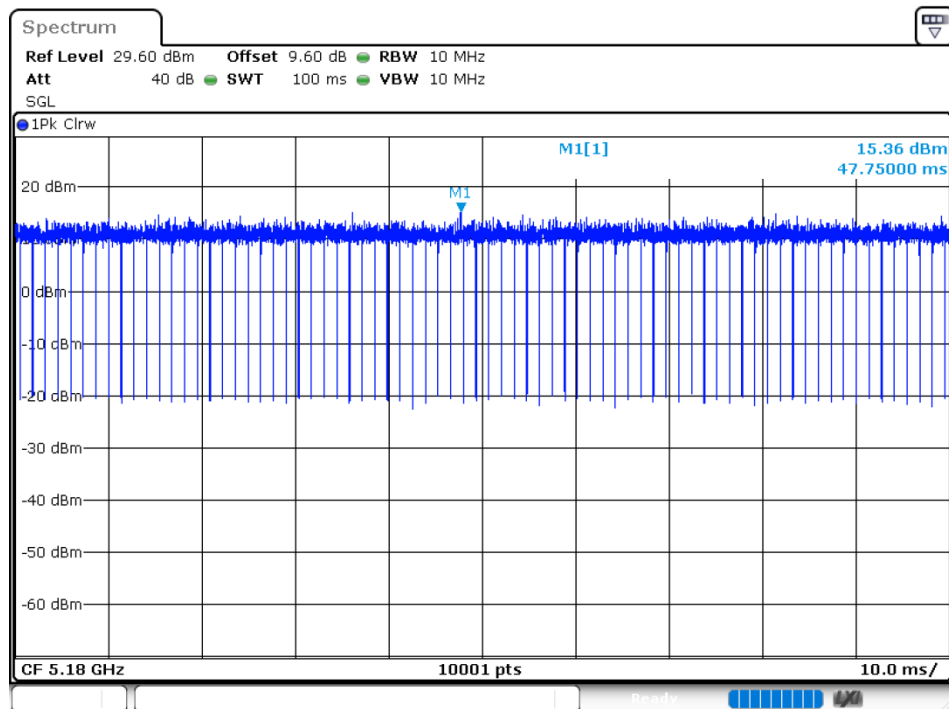
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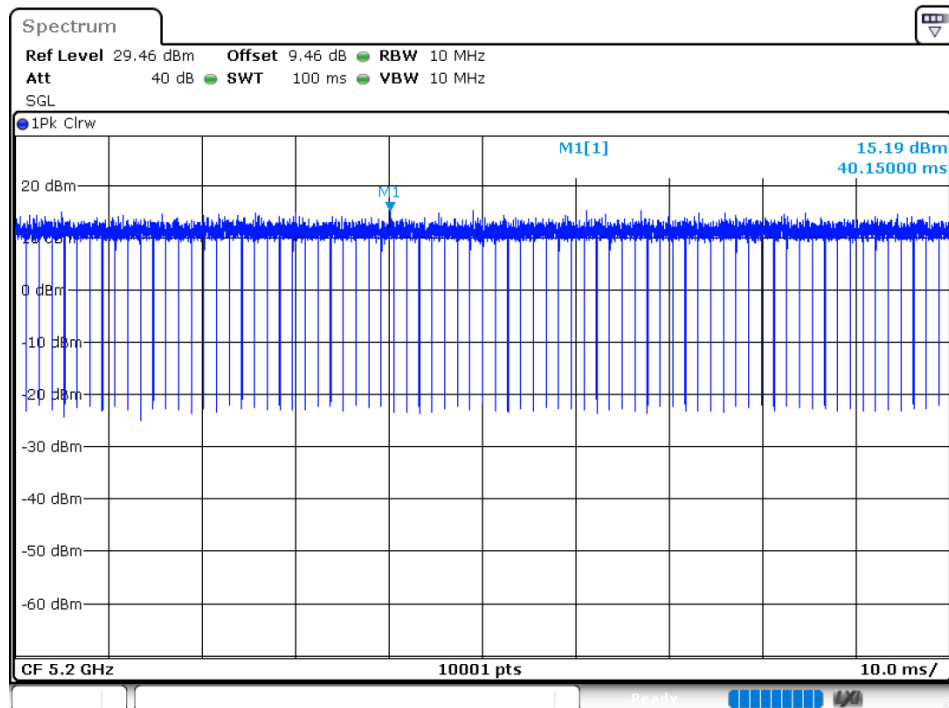
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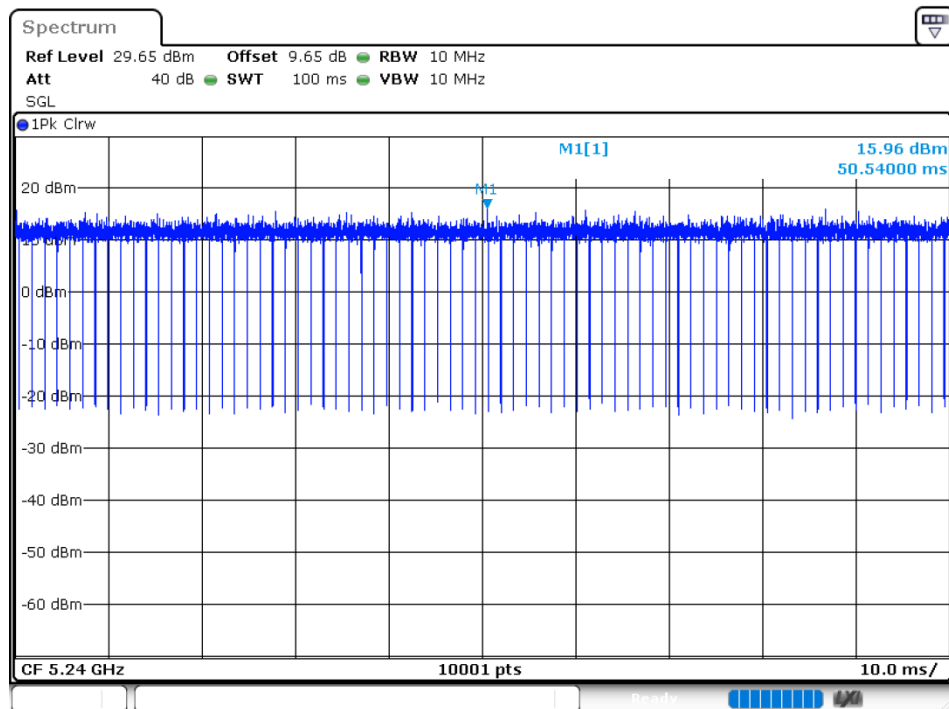
Duty Cycle NVNT 802.11ac20 5180MHz Ant 3



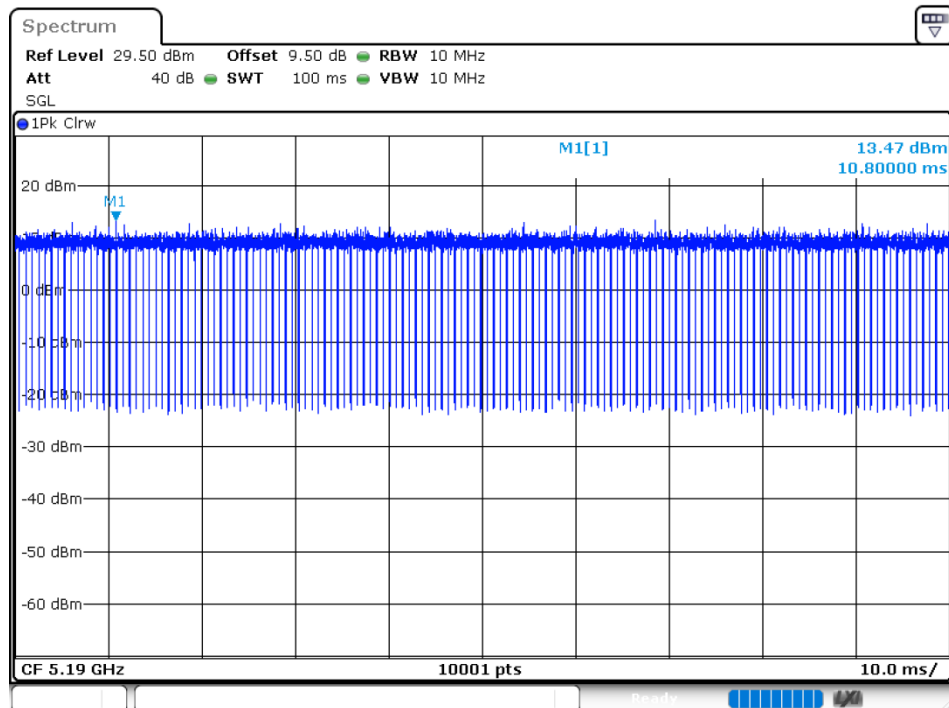
Duty Cycle NVNT 802.11ac20 5200MHz Ant 3



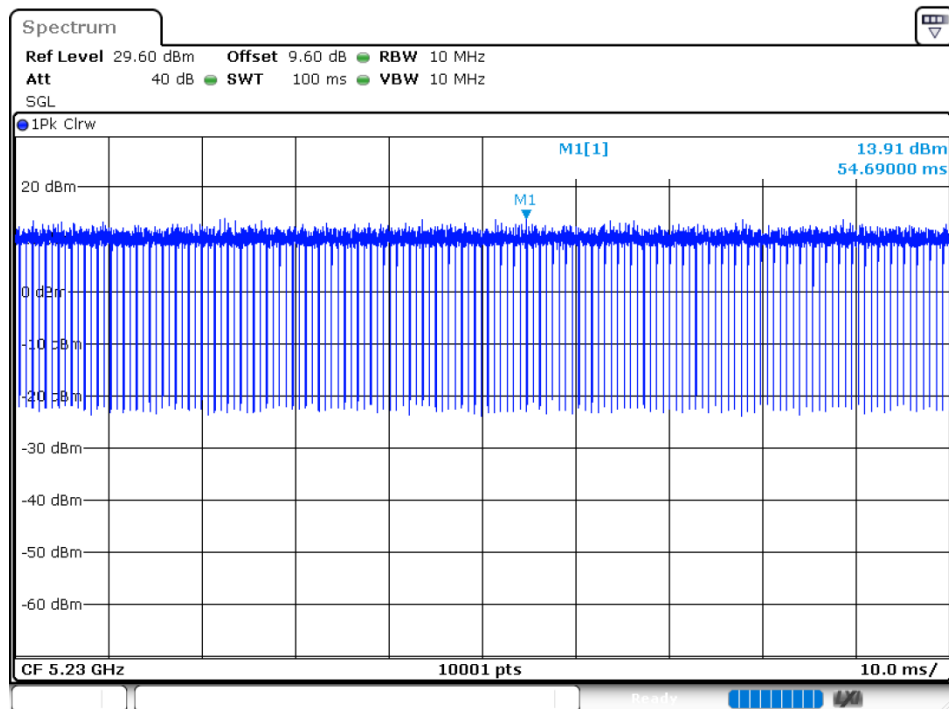
Duty Cycle NVNT 802.11ac20 5240MHz Ant 3



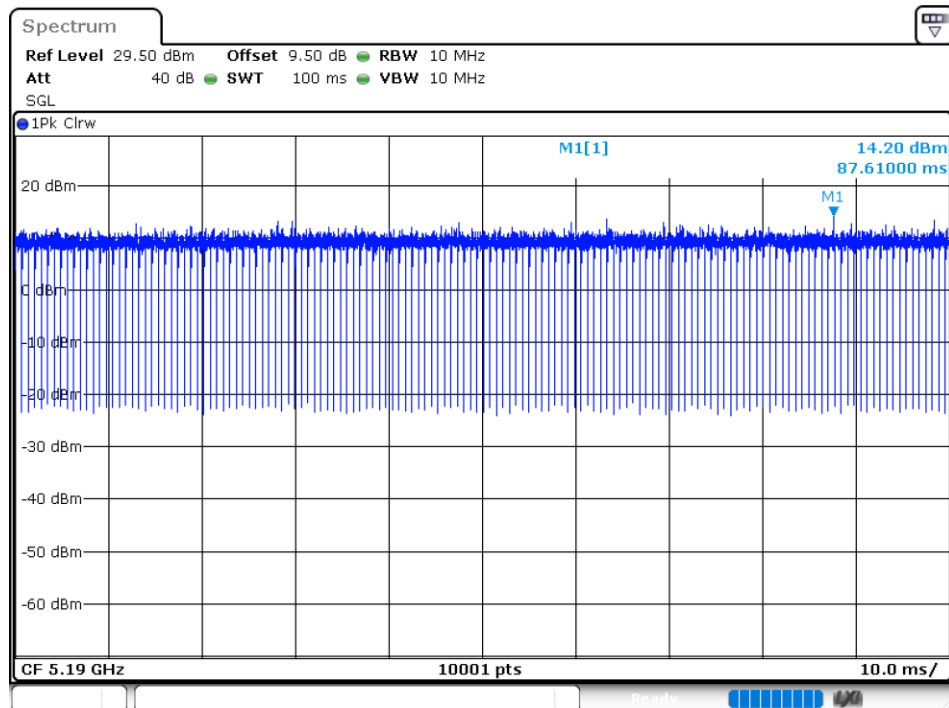
Duty Cycle NVNT 802.11ac40 5190MHz Ant 1



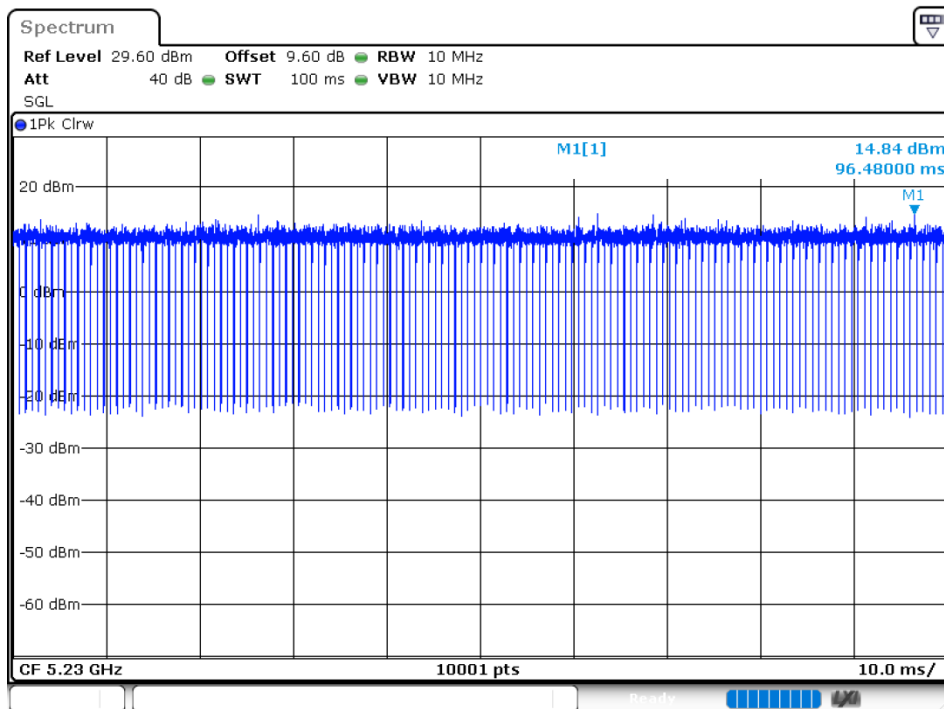
Duty Cycle NVNT 802.11ac40 5230MHz Ant 1



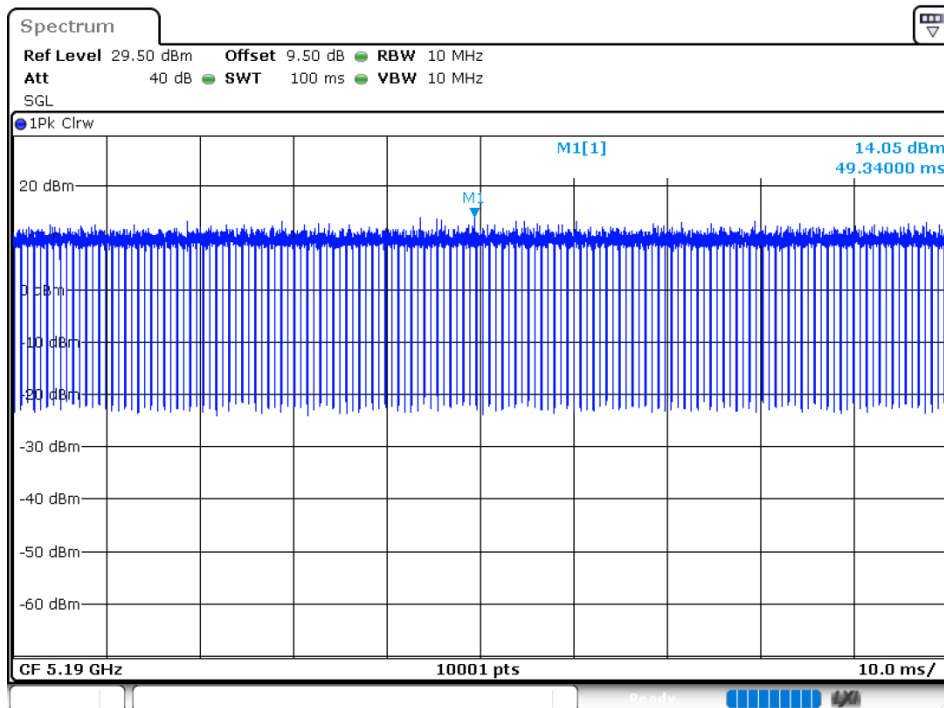
Duty Cycle NVNT 802.11ac40 5190MHz Ant 2



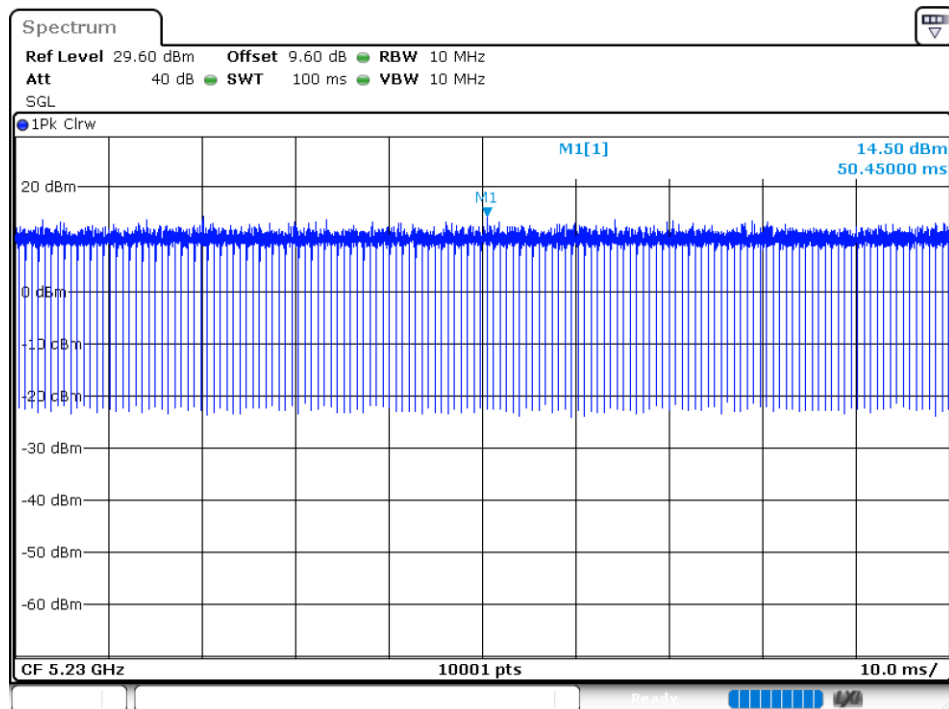
Duty Cycle NVNT 802.11ac40 5230MHz Ant 2



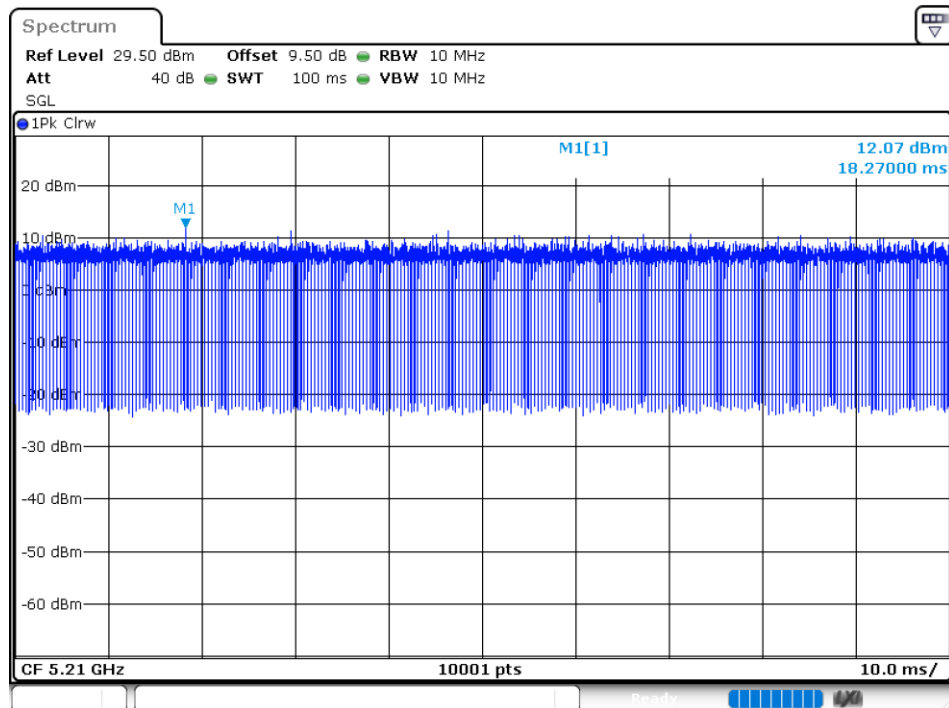
Duty Cycle NVNT 802.11ac40 5190MHz Ant 3



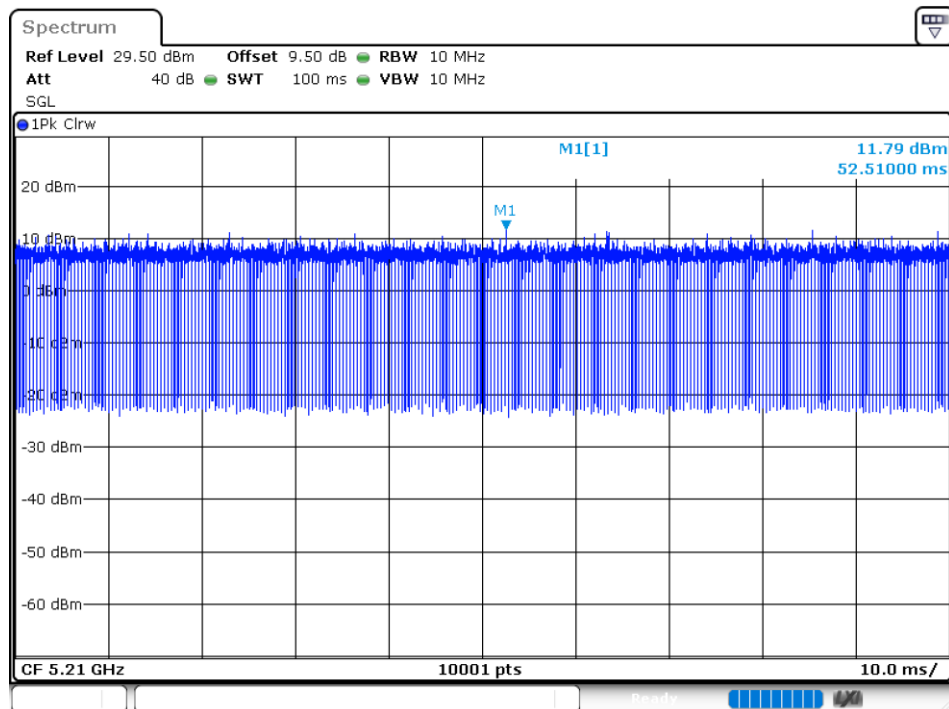
Duty Cycle NVNT 802.11ac40 5230MHz Ant 3



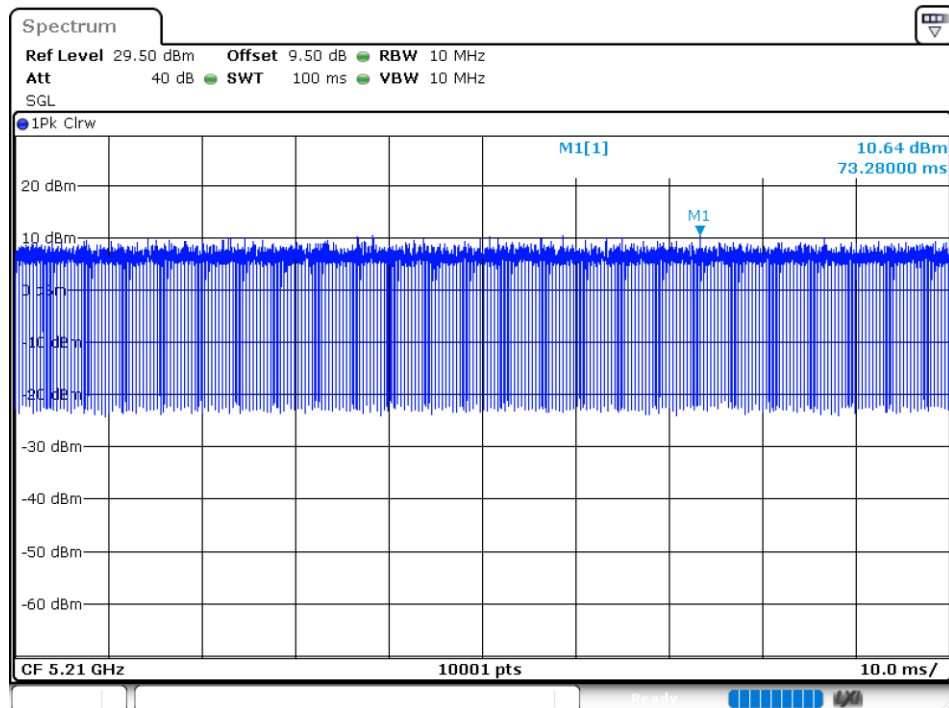
Duty Cycle NVNT 802.11ac80 5210MHz Ant 1



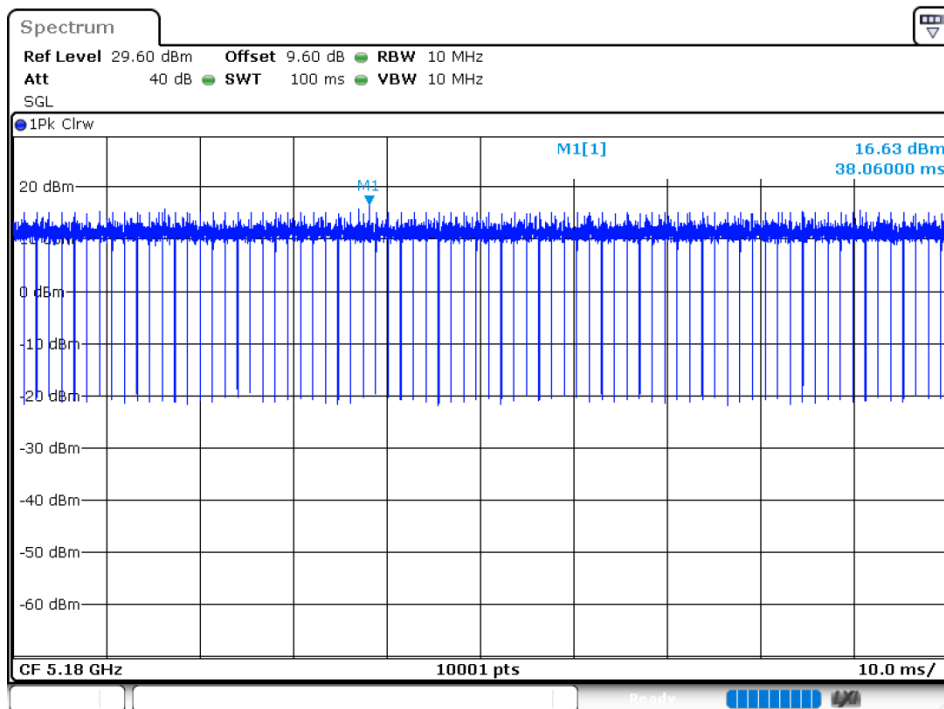
Duty Cycle NVNT 802.11ac80 5210MHz Ant 2



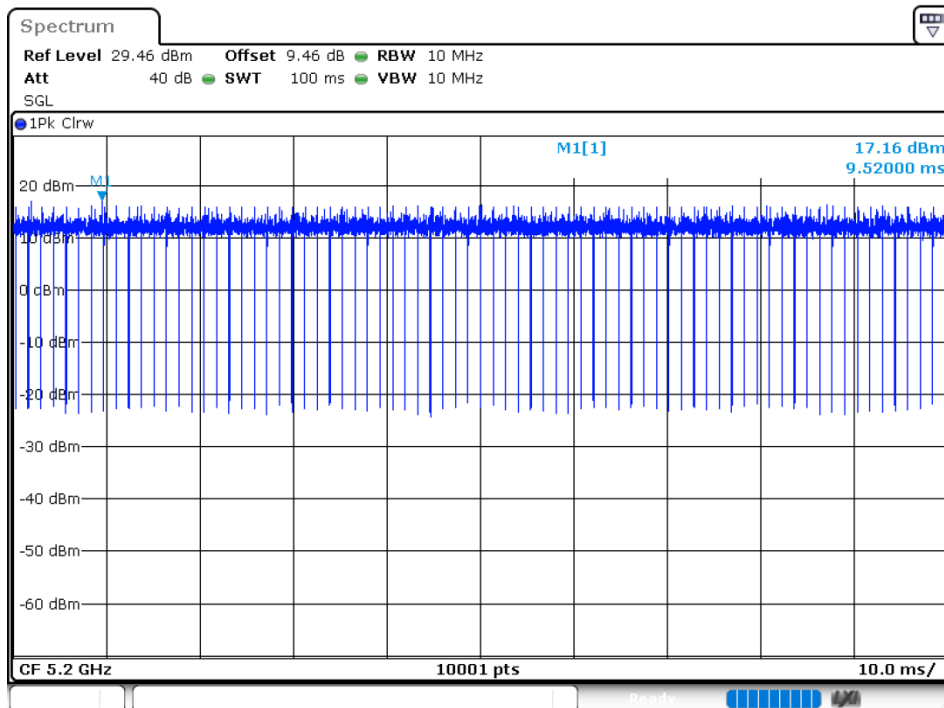
Duty Cycle NVNT 802.11ac80 5210MHz Ant 3



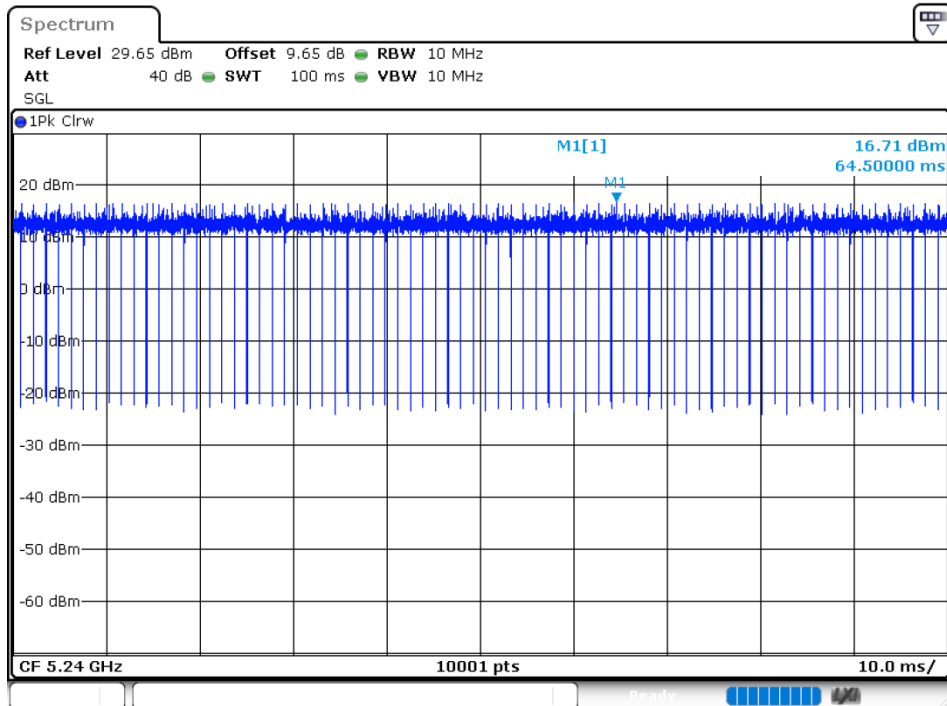
Duty Cycle NVNT 802.11n(HT20) 5180MHz Ant 1



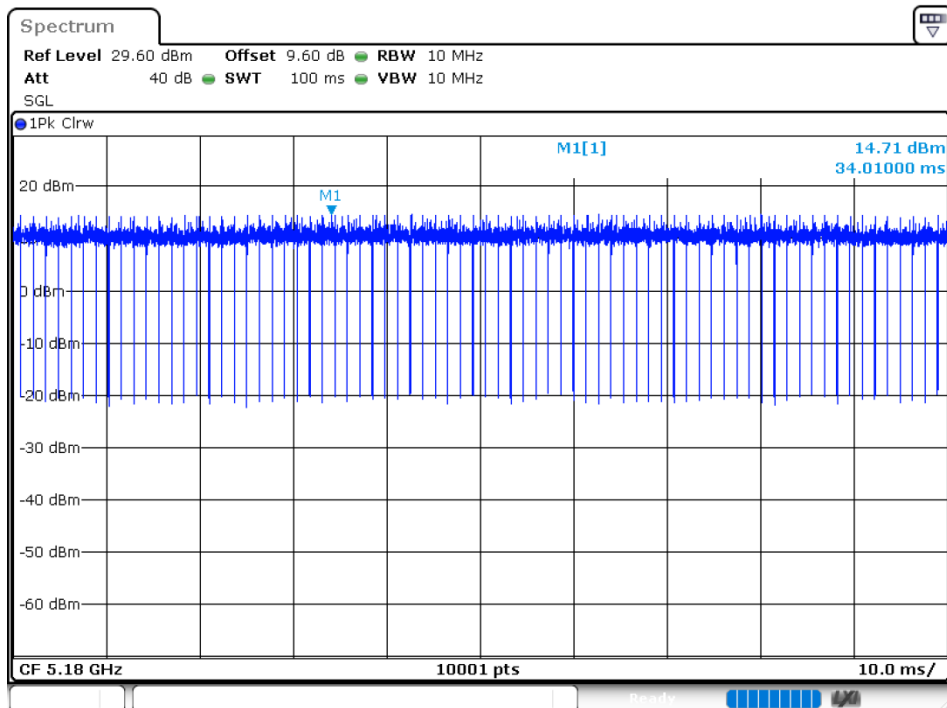
Duty Cycle NVNT 802.11n(HT20) 5200MHz Ant 1



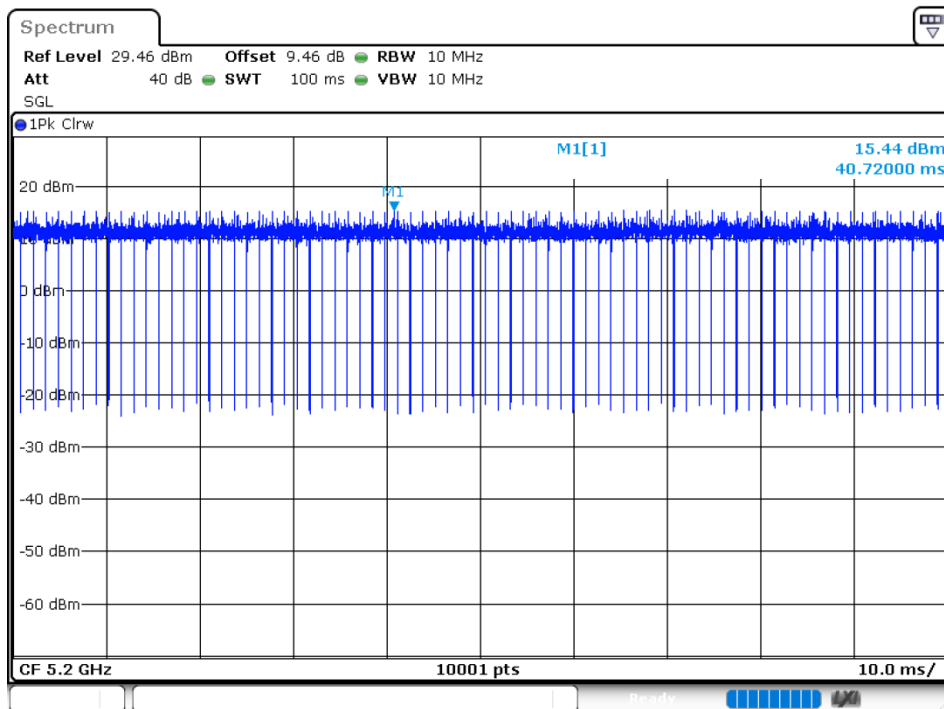
Duty Cycle NVNT 802.11n(HT20) 5240MHz Ant 1



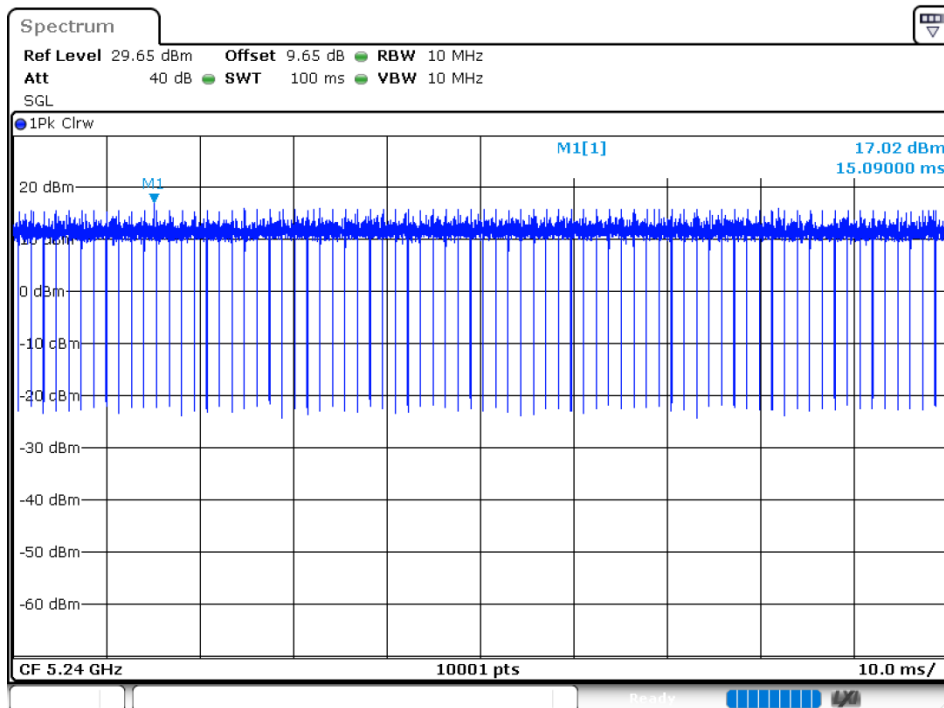
Duty Cycle NVNT 802.11n(HT20) 5180MHz Ant 2



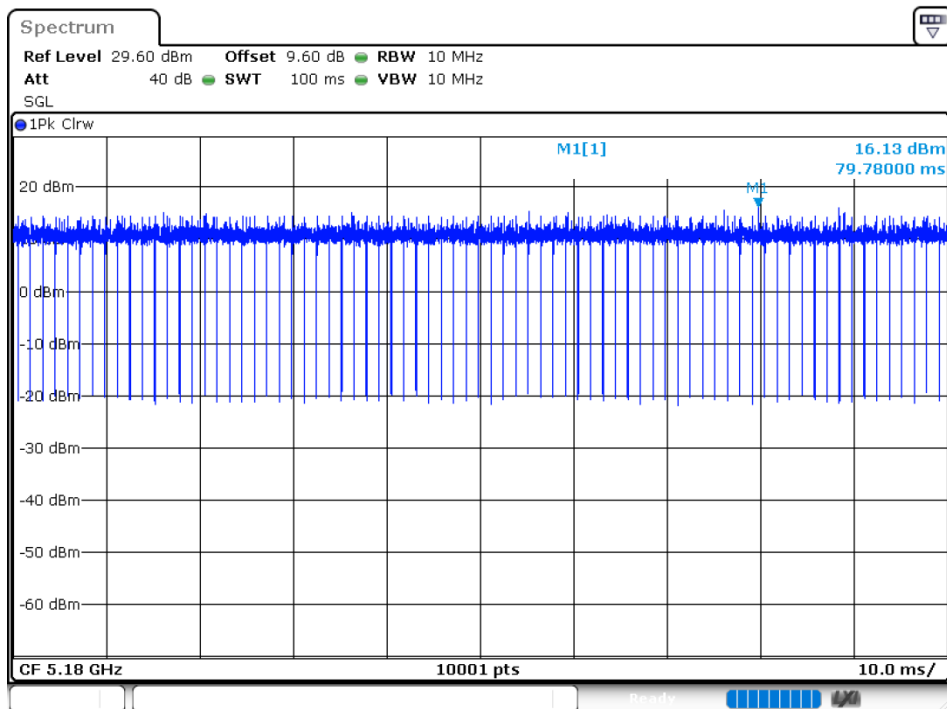
Duty Cycle NVNT 802.11n(HT20) 5200MHz Ant 2



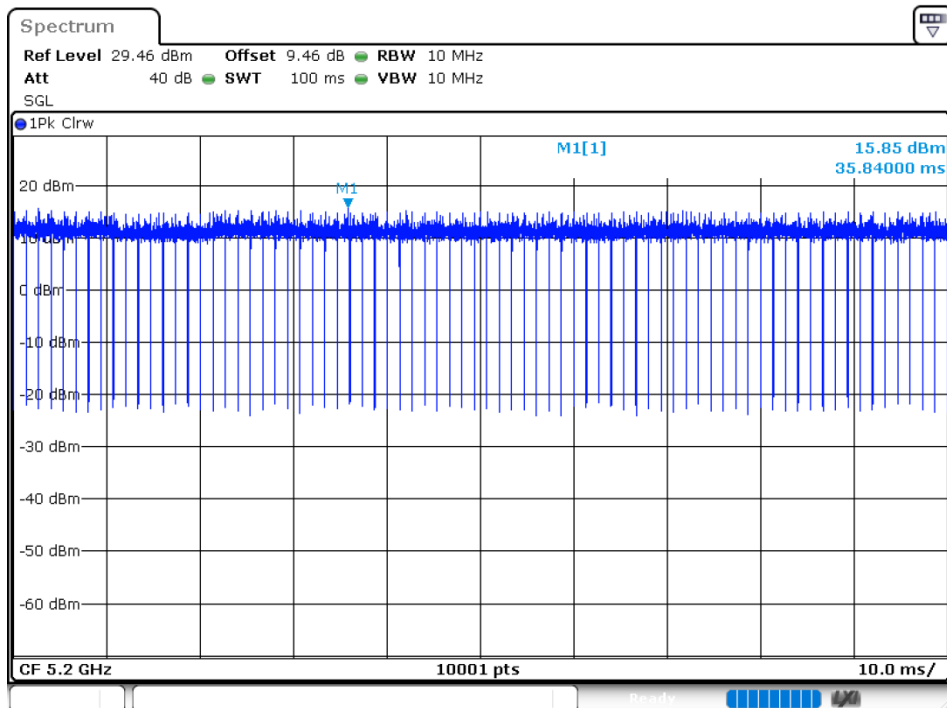
Duty Cycle NVNT 802.11n(HT20) 5240MHz Ant 2



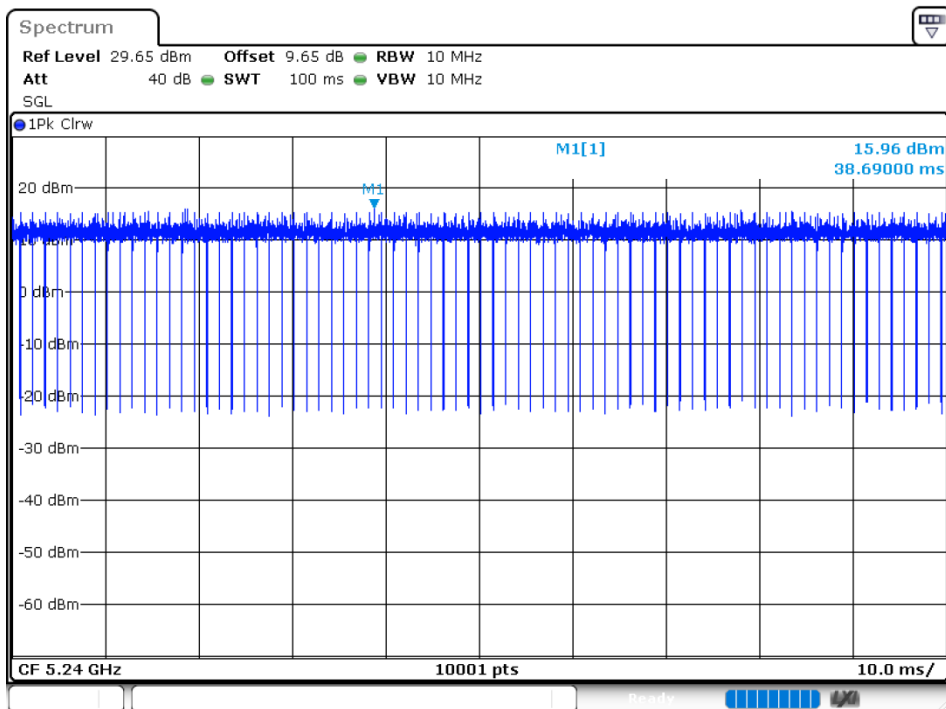
Duty Cycle NVNT 802.11n(HT20) 5180MHz Ant 3



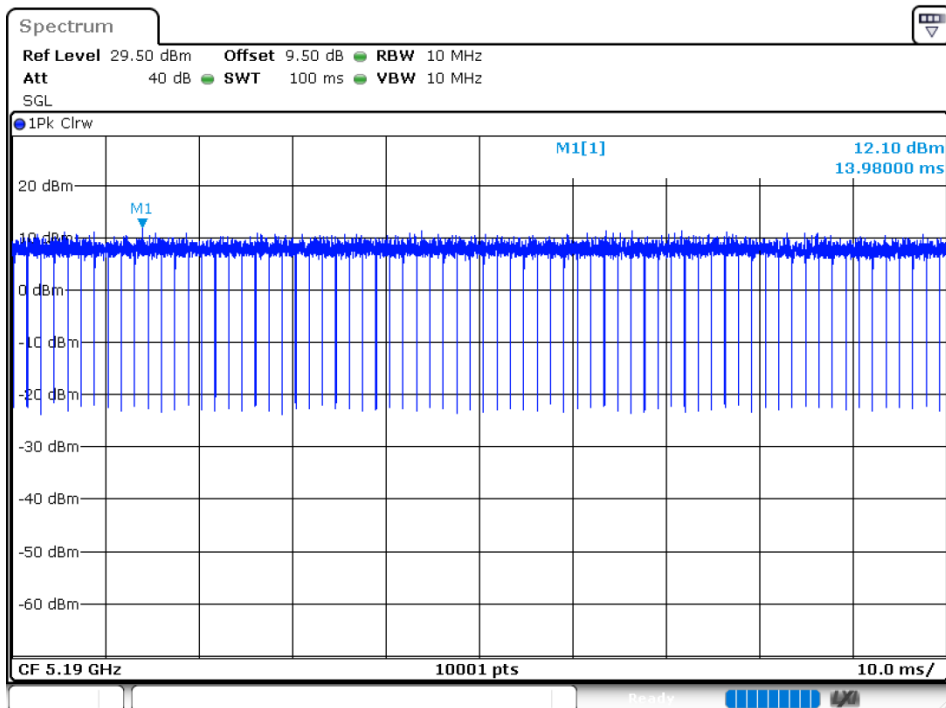
Duty Cycle NVNT 802.11n(HT20) 5200MHz Ant 3



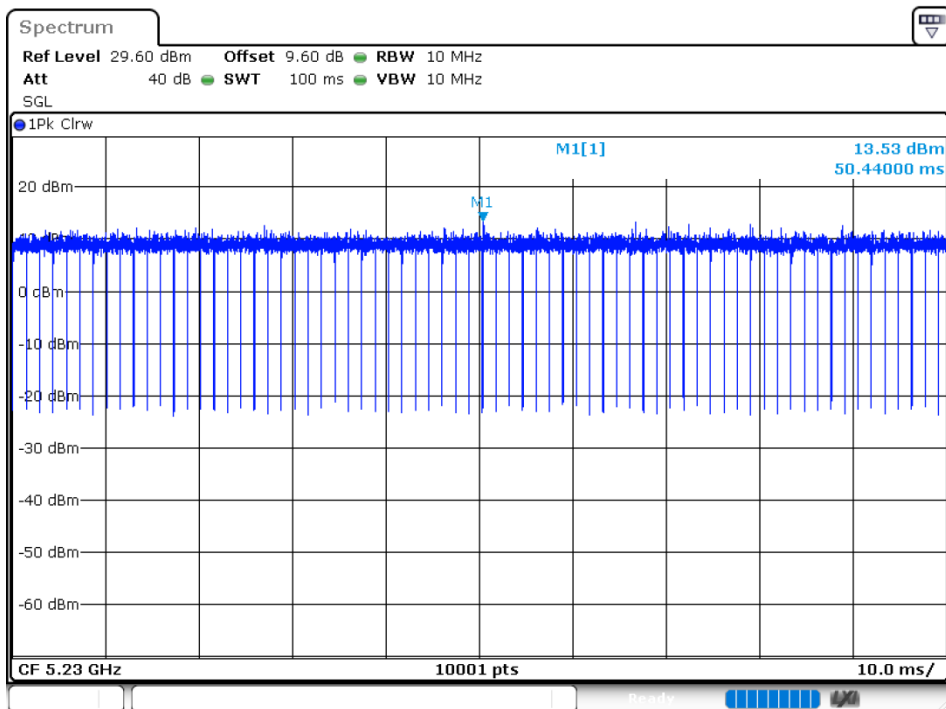
Duty Cycle NVNT 802.11n(HT20) 5240MHz Ant 3



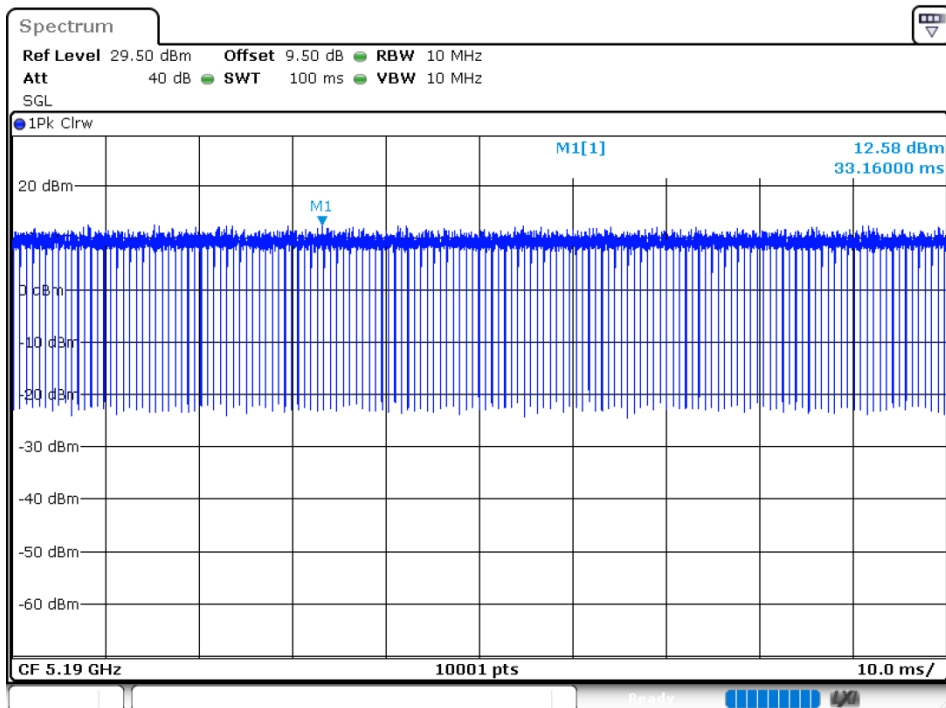
Duty Cycle NVNT 802.11n(HT40) 5190MHz Ant 1



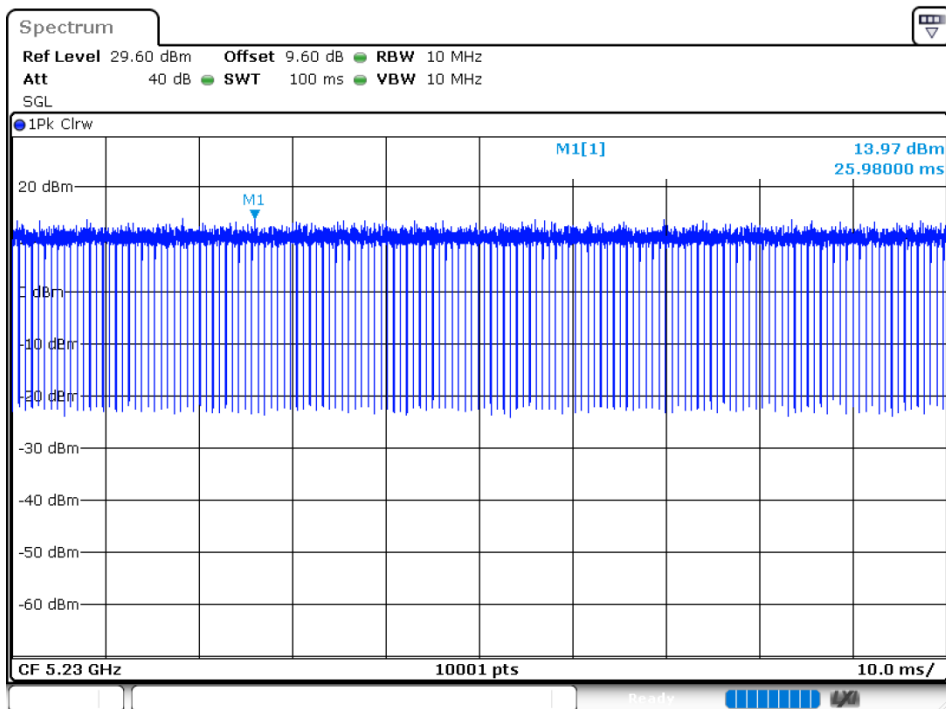
Duty Cycle NVNT 802.11n(HT40) 5230MHz Ant 1



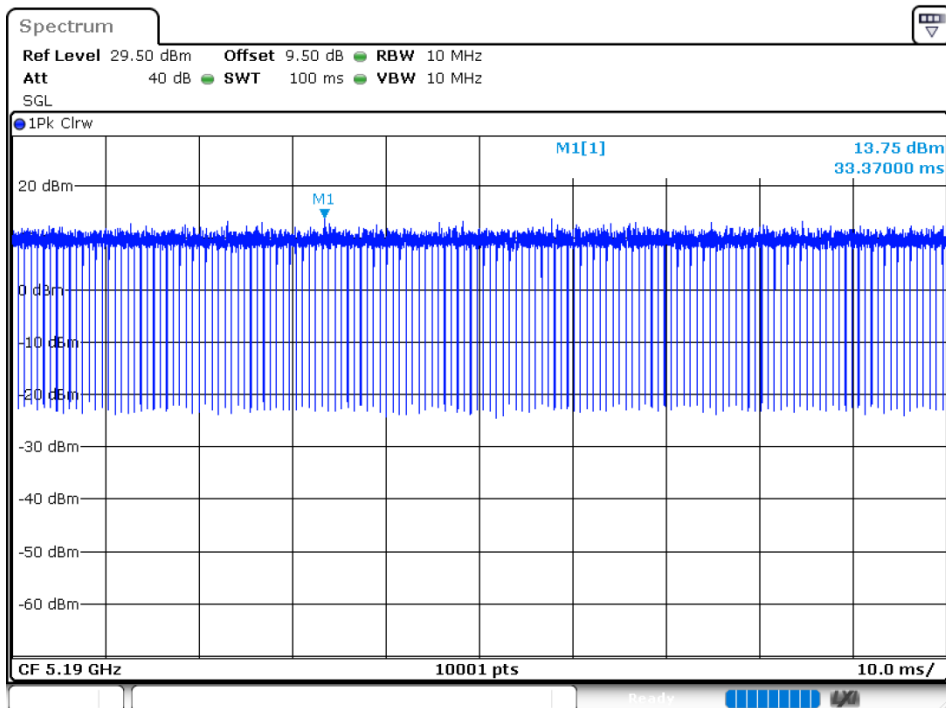
Duty Cycle NVNT 802.11n(HT40) 5190MHz Ant 2



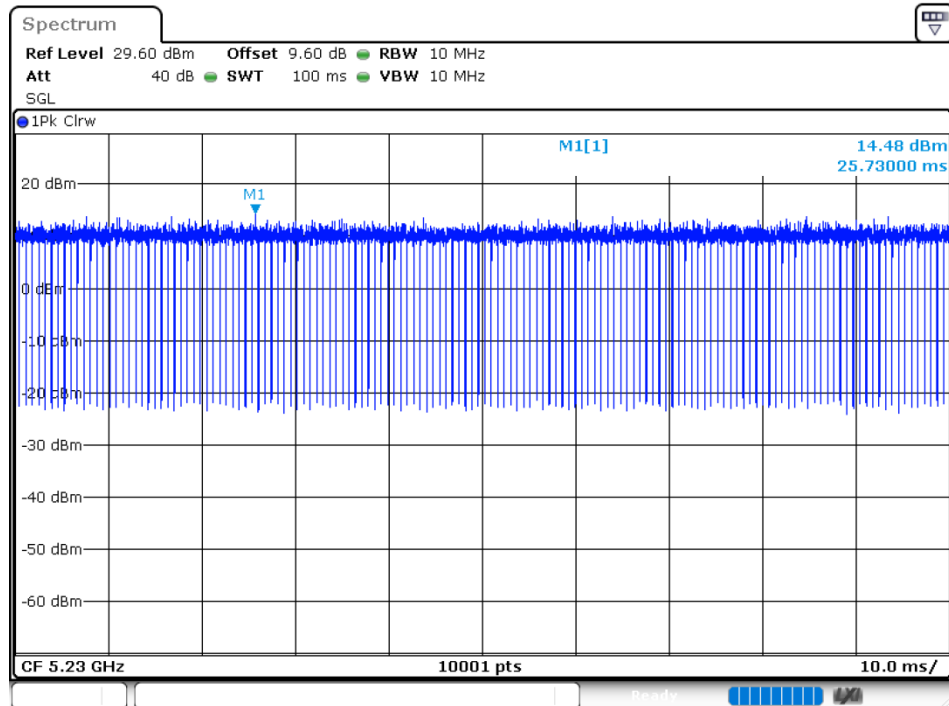
Duty Cycle NVNT 802.11n(HT40) 5230MHz Ant 2



Duty Cycle NVNT 802.11n(HT40) 5190MHz Ant 3



Duty Cycle NVNT 802.11n(HT40) 5230MHz Ant 3



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	SISO Total Power (dBm)	SISO Limit (dBm)	MIMO Total Power (dBm)	MIMO Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	5.15	0	5.15	30	N/A	N/A	Pass
NVNT	802.11a	5200	Ant 1	5.97	0	5.97	30	N/A	N/A	Pass
NVNT	802.11a	5240	Ant 1	5.99	0	5.99	30	N/A	N/A	Pass
NVNT	802.11a	5180	Ant 2	4.58	0	4.58	30	N/A	N/A	Pass
NVNT	802.11a	5200	Ant 2	5.39	0	5.39	30	N/A	N/A	Pass
NVNT	802.11a	5240	Ant 2	5.46	0	5.46	30	N/A	N/A	Pass
NVNT	802.11a	5180	Ant 3	5.08	0	5.08	30	N/A	N/A	Pass
NVNT	802.11a	5200	Ant 3	5.42	0	5.42	30	N/A	N/A	Pass
NVNT	802.11a	5240	Ant 3	5.77	0	5.77	30	N/A	N/A	Pass
NVNT	802.11ac20	5180	Ant 1	5.28	0	5.28	30	9.65	30	Pass
NVNT	802.11ac20	5180	Ant 2	4.37	0	4.37	30			
NVNT	802.11ac20	5180	Ant 3	4.94	0	4.94	30			
NVNT	802.11ac20	5200	Ant 1	6.13	0	6.13	30	10.36	30	Pass
NVNT	802.11ac20	5200	Ant 2	5.26	0	5.26	30			
NVNT	802.11ac20	5200	Ant 3	5.31	0	5.31	30			
NVNT	802.11ac20	5240	Ant 1	5.96	0	5.96	30	10.35	30	Pass
NVNT	802.11ac20	5240	Ant 2	5.33	0	5.33	30			
NVNT	802.11ac20	5240	Ant 3	5.41	0	5.41	30			
NVNT	802.11ac40	5190	Ant 1	5.42	0	5.42	30	10.28	30	Pass
NVNT	802.11ac40	5190	Ant 2	5.36	0	5.36	30			
NVNT	802.11ac40	5190	Ant 3	5.73	0	5.73	30			
NVNT	802.11ac40	5230	Ant 1	6.28	0	6.28	30	11.06	30	Pass
NVNT	802.11ac40	5230	Ant 2	6.28	0	6.28	30			
NVNT	802.11ac40	5230	Ant 3	6.29	0	6.29	30			
NVNT	802.11ac80	5210	Ant 1	5.82	0	5.82	30	10.46	30	Pass
NVNT	802.11ac80	5210	Ant 2	5.81	0	5.81	30			
NVNT	802.11ac80	5210	Ant 3	5.41	0	5.41	30			
NVNT	802.11n(HT20)	5180	Ant 1	5.13	0	5.13	30	9.60	30	Pass
NVNT	802.11n(HT20)	5180	Ant 2	4.39	0	4.39	30			
NVNT	802.11n(HT20)	5180	Ant 3	4.92	0	4.92	30			
NVNT	802.11n(HT20)	5200	Ant 1	5.96	0	5.96	30	10.28	30	Pass
NVNT	802.11n(HT20)	5200	Ant 2	5.22	0	5.22	30			
NVNT	802.11n(HT20)	5200	Ant 3	5.32	0	5.32	30			
NVNT	802.11n(HT20)	5240	Ant 1	6.04	0	6.04	30	10.30	30	Pass
NVNT	802.11n(HT20)	5240	Ant 2	5.37	0	5.37	30			

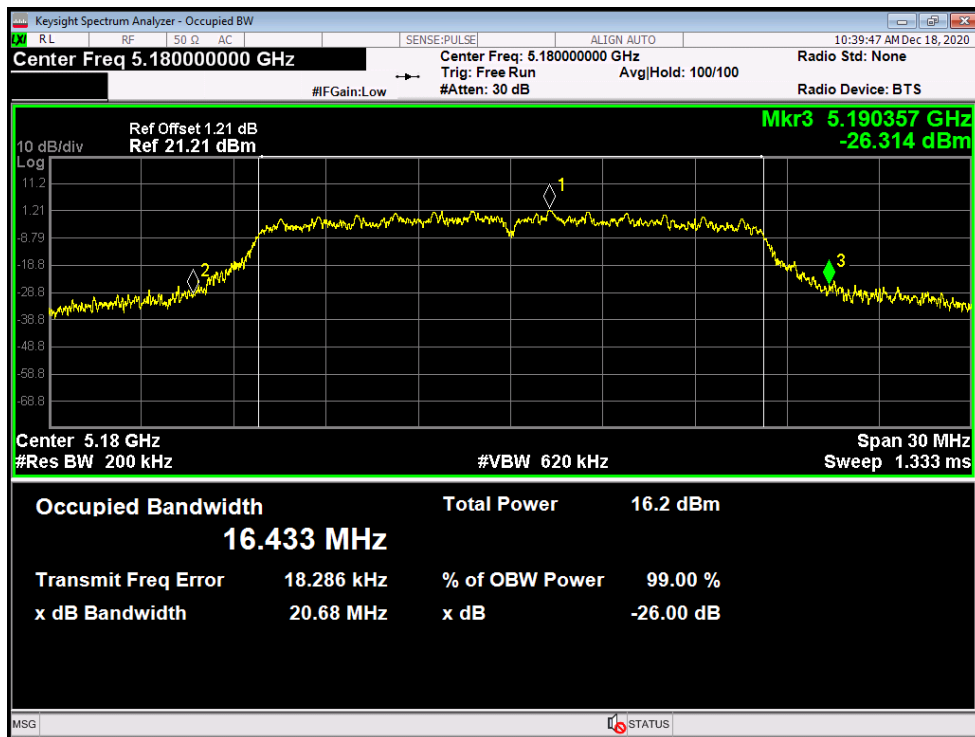
NVNT	802.11n(HT20)	5240	Ant 3	5.13	0	5.13	30			
NVNT	802.11n(HT40)	5190	Ant 1	5.12	0	5.12	30	10.17	30	Pass
NVNT	802.11n(HT40)	5190	Ant 2	5.37	0	5.37	30			
NVNT	802.11n(HT40)	5190	Ant 3	5.7	0	5.7	30			
NVNT	802.11n(HT40)	5230	Ant 1	6.12	0	6.12	30	10.98	30	Pass
NVNT	802.11n(HT40)	5230	Ant 2	6.24	0	6.24	30			
NVNT	802.11n(HT40)	5230	Ant 3	6.26	0	6.26	30			

Occupied Channel Bandwidth

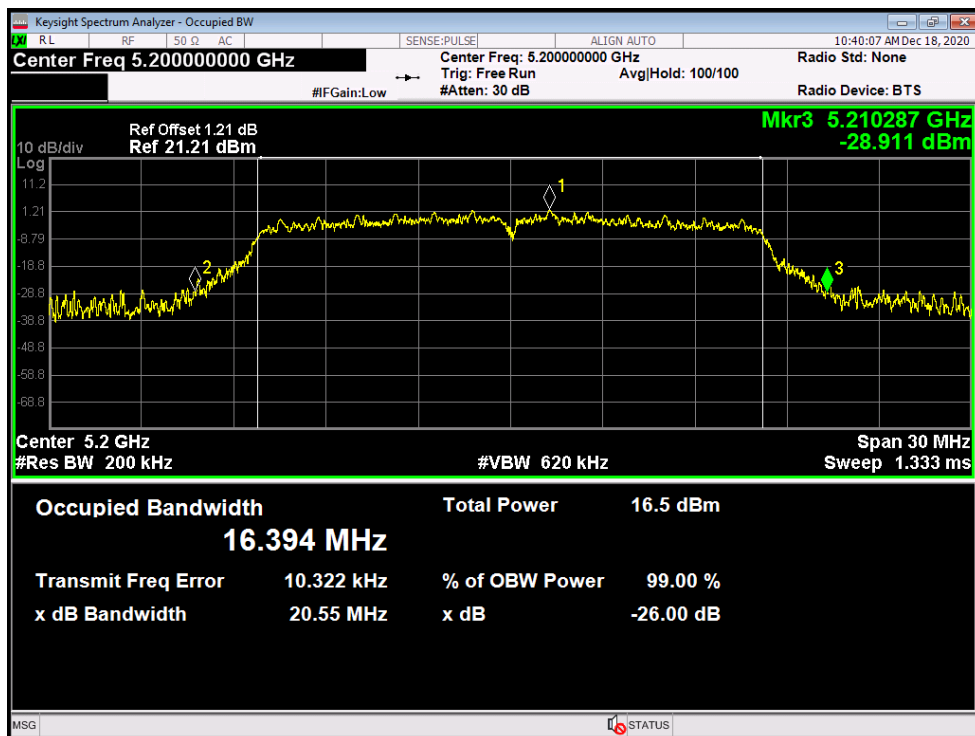
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5180	Ant 1	16.433	20.677	N/A	Pass
NVNT	802.11a	5200	Ant 1	16.394	20.554	N/A	Pass
NVNT	802.11a	5240	Ant 1	16.424	20.238	N/A	Pass
NVNT	802.11a	5180	Ant 2	16.389	19.615	N/A	Pass
NVNT	802.11a	5200	Ant 2	16.391	20.745	N/A	Pass
NVNT	802.11a	5240	Ant 2	16.414	20.31	N/A	Pass
NVNT	802.11a	5180	Ant 3	16.371	20.411	N/A	Pass
NVNT	802.11a	5200	Ant 3	16.404	20.12	N/A	Pass
NVNT	802.11a	5240	Ant 3	16.389	20.364	N/A	Pass
NVNT	802.11ac20	5180	Ant 1	17.534	19.96	N/A	Pass
NVNT	802.11ac20	5200	Ant 1	17.503	19.824	N/A	Pass
NVNT	802.11ac20	5240	Ant 1	17.527	20.502	N/A	Pass
NVNT	802.11ac20	5180	Ant 2	17.527	19.946	N/A	Pass
NVNT	802.11ac20	5200	Ant 2	17.507	19.923	N/A	Pass
NVNT	802.11ac20	5240	Ant 2	17.516	19.858	N/A	Pass
NVNT	802.11ac20	5180	Ant 3	17.534	19.867	N/A	Pass
NVNT	802.11ac20	5200	Ant 3	17.524	19.828	N/A	Pass
NVNT	802.11ac20	5240	Ant 3	17.519	19.762	N/A	Pass
NVNT	802.11ac40	5190	Ant 1	36.026	39.606	N/A	Pass
NVNT	802.11ac40	5230	Ant 1	35.965	40.032	N/A	Pass
NVNT	802.11ac40	5190	Ant 2	35.980	39.957	N/A	Pass
NVNT	802.11ac40	5230	Ant 2	35.939	40.443	N/A	Pass
NVNT	802.11ac40	5190	Ant 3	35.972	39.943	N/A	Pass
NVNT	802.11ac40	5230	Ant 3	35.902	39.937	N/A	Pass
NVNT	802.11ac80	5210	Ant 1	75.131	80.7	N/A	Pass
NVNT	802.11ac80	5210	Ant 2	75.276	80.474	N/A	Pass
NVNT	802.11ac80	5210	Ant 3	75.275	80.729	N/A	Pass
NVNT	802.11n(HT20)	5180	Ant 1	17.513	19.853	N/A	Pass
NVNT	802.11n(HT20)	5200	Ant 1	17.507	20.073	N/A	Pass
NVNT	802.11n(HT20)	5240	Ant 1	17.497	19.963	N/A	Pass
NVNT	802.11n(HT20)	5180	Ant 2	17.504	19.802	N/A	Pass
NVNT	802.11n(HT20)	5200	Ant 2	17.531	20.552	N/A	Pass
NVNT	802.11n(HT20)	5240	Ant 2	17.511	19.976	N/A	Pass
NVNT	802.11n(HT20)	5180	Ant 3	17.508	19.966	N/A	Pass
NVNT	802.11n(HT20)	5200	Ant 3	17.5	19.963	N/A	Pass
NVNT	802.11n(HT20)	5240	Ant 3	17.513	19.99	N/A	Pass
NVNT	802.11n(HT40)	5190	Ant 1	35.992	40.236	N/A	Pass

NVNT	802.11n(HT40)	5230	Ant 1	35.932	40.666	N/A	Pass
NVNT	802.11n(HT40)	5190	Ant 2	35.994	40.034	N/A	Pass
NVNT	802.11n(HT40)	5230	Ant 2	35.918	40.335	N/A	Pass
NVNT	802.11n(HT40)	5190	Ant 3	35.923	40.359	N/A	Pass
NVNT	802.11n(HT40)	5230	Ant 3	36.024	40.028	N/A	Pass

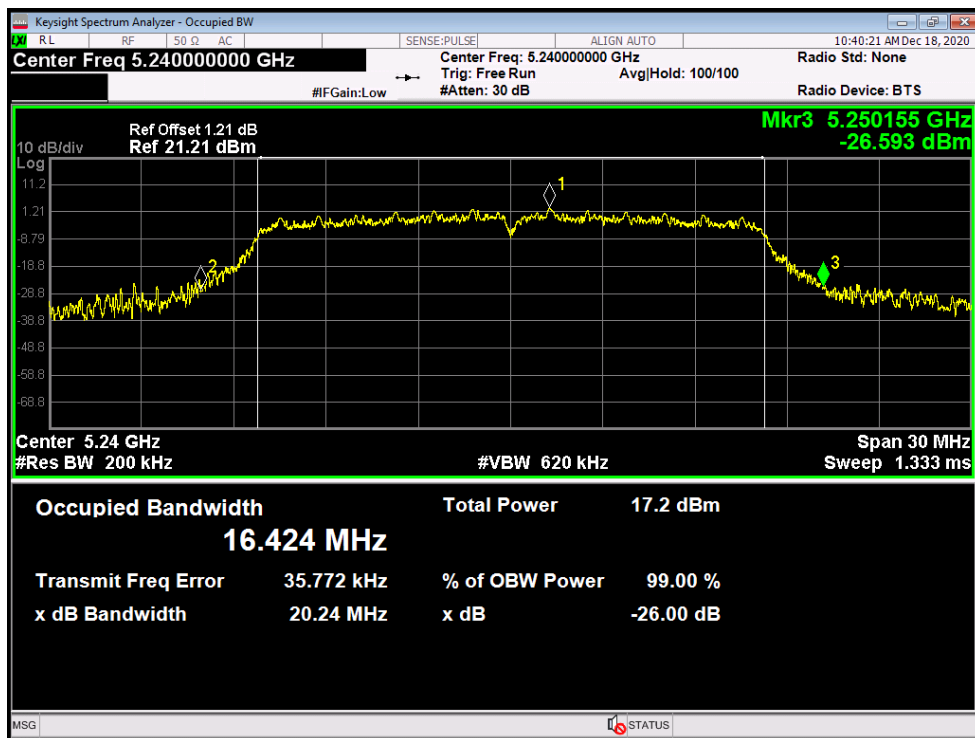
Bandwidth NVNT a 5180MHz Ant1



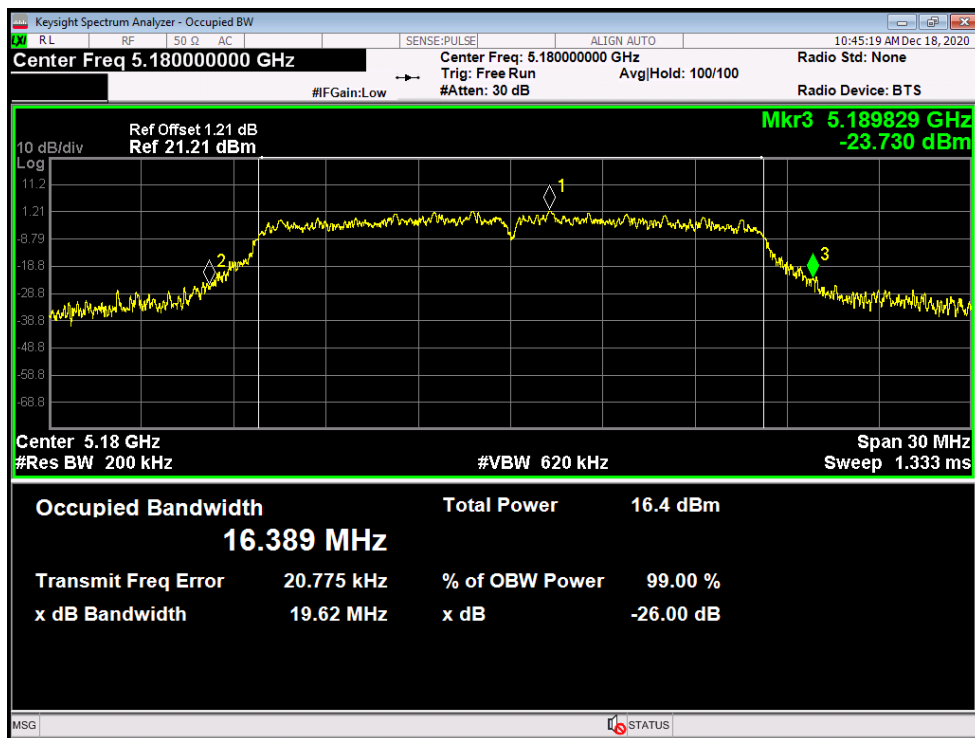
Bandwidth NVNT a 5200MHz Ant1



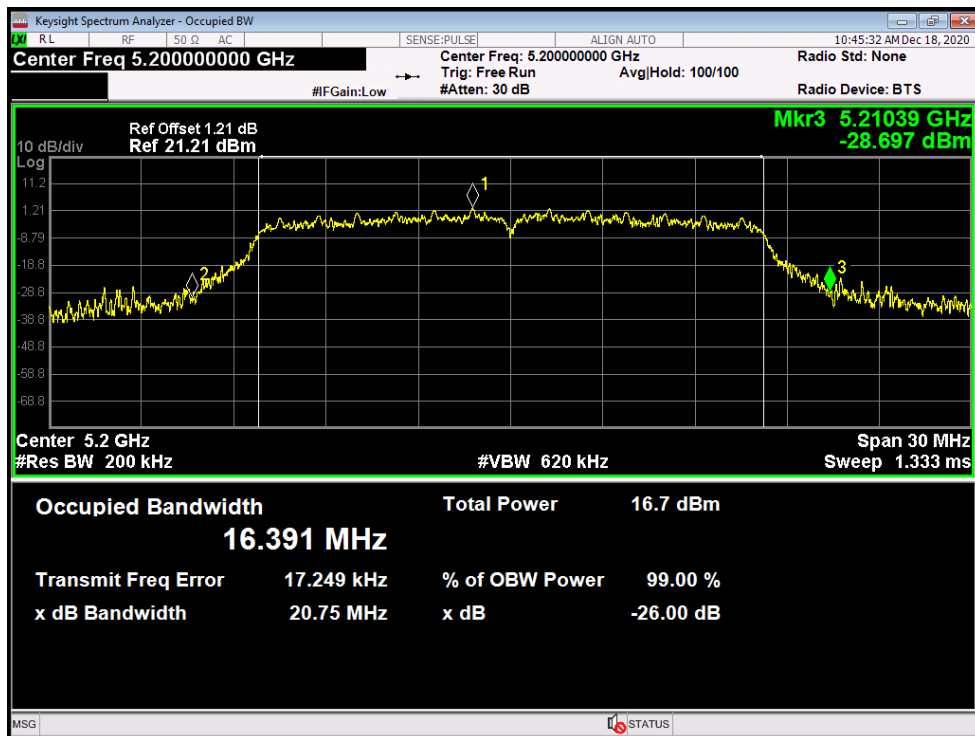
Bandwidth NVNT a 5240MHz Ant1



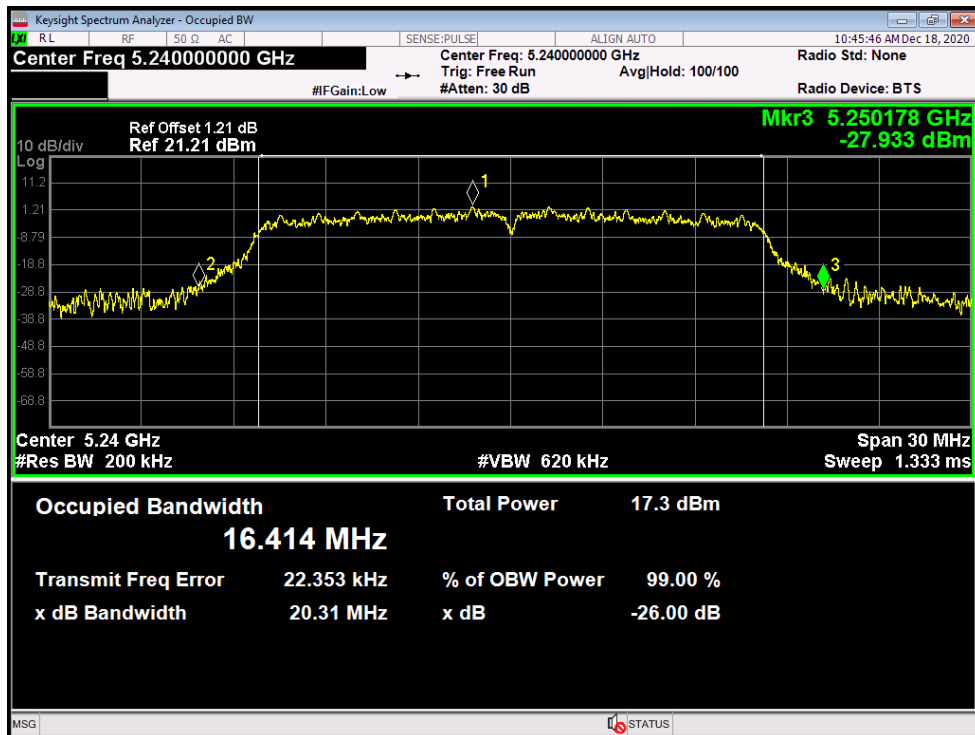
Bandwidth NVNT a 5180MHz Ant2



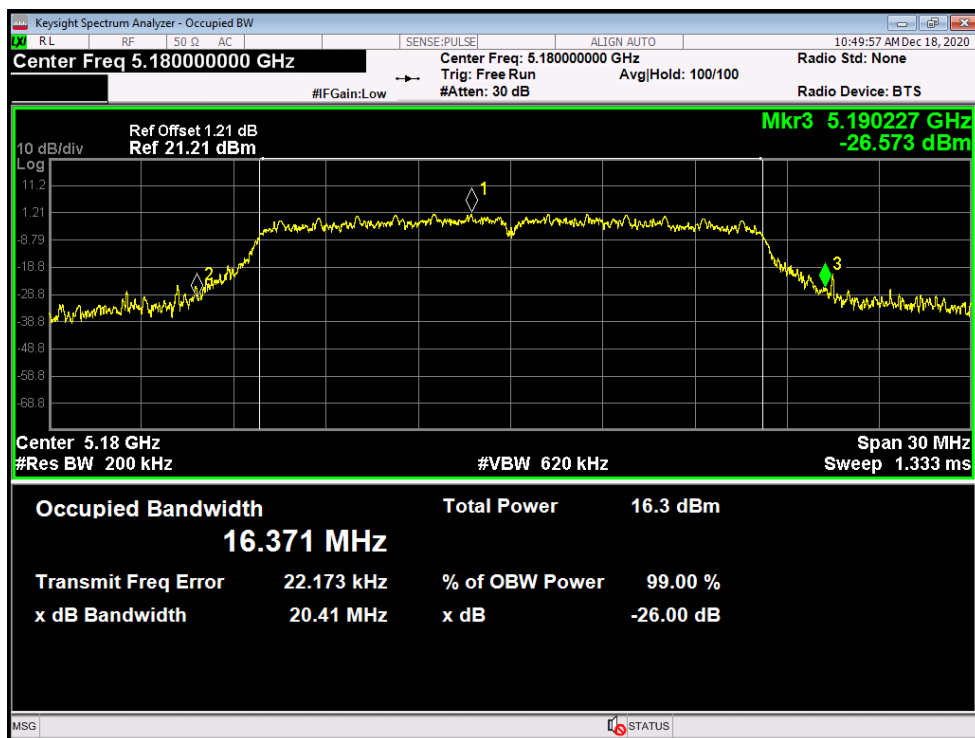
Bandwidth NVNT a 5200MHz Ant2



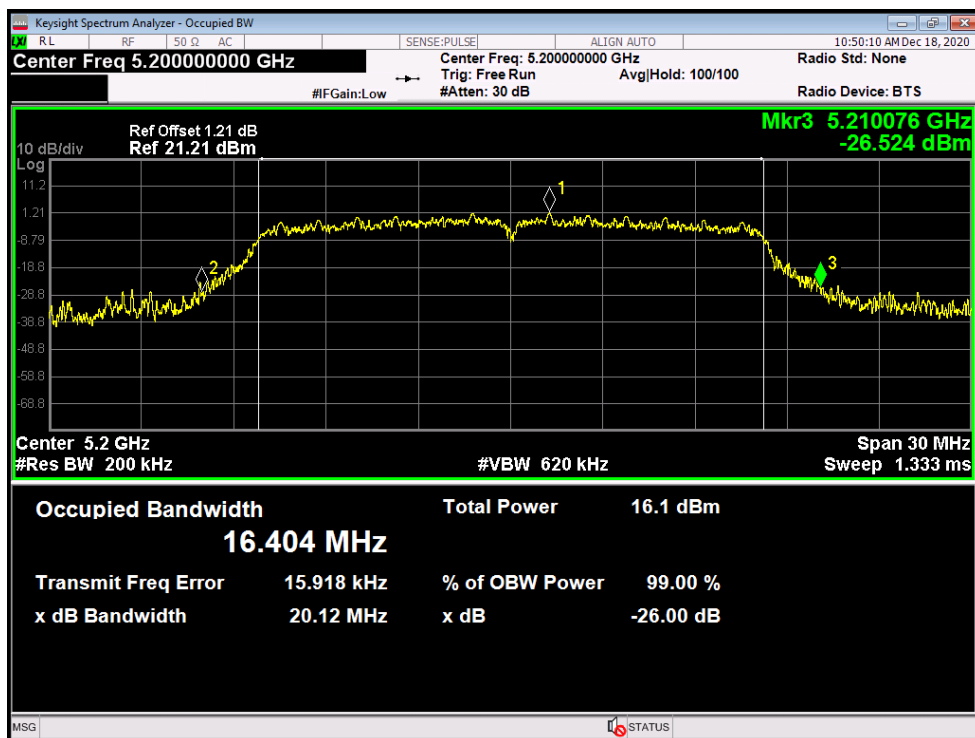
Bandwidth NVNT a 5240MHz Ant2



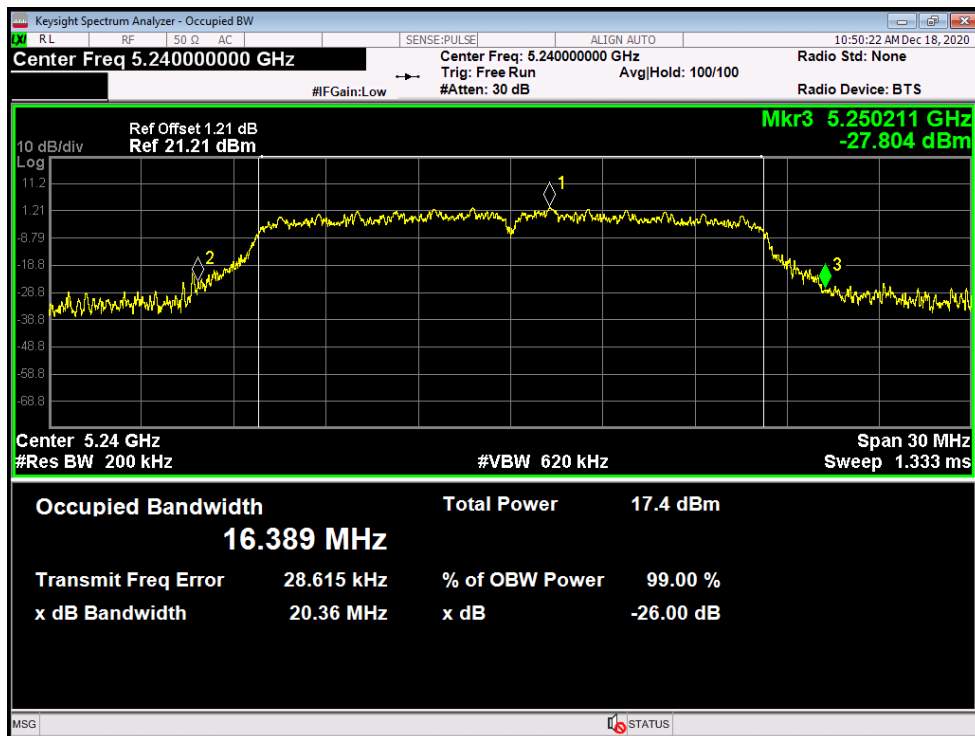
Bandwidth NVNT a 5180MHz Ant3



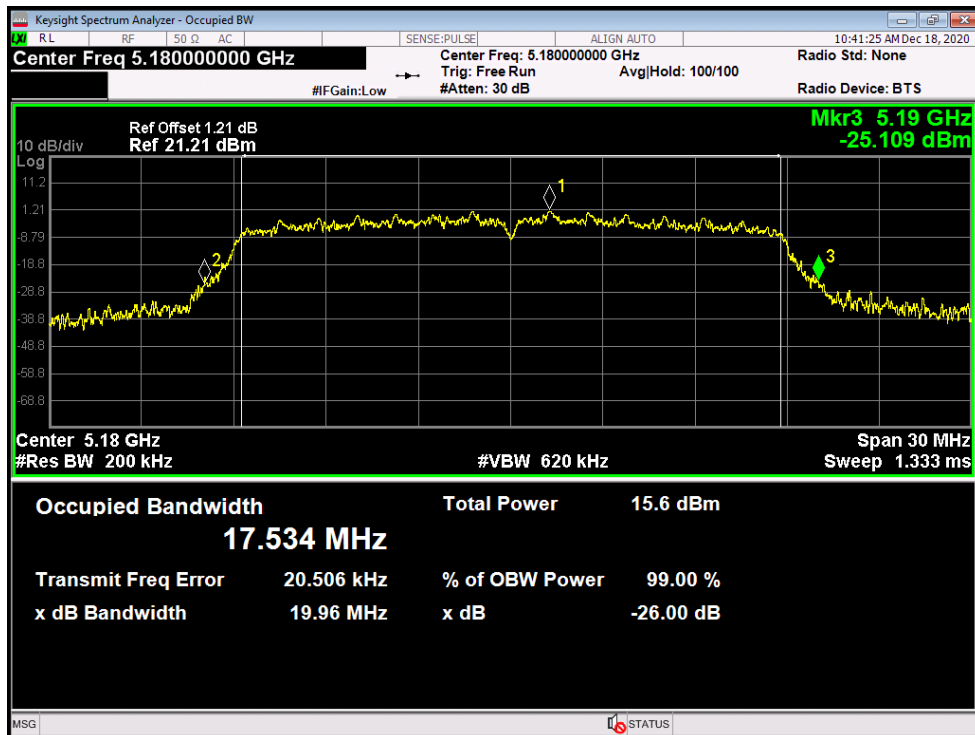
Bandwidth NVNT a 5200MHz Ant3



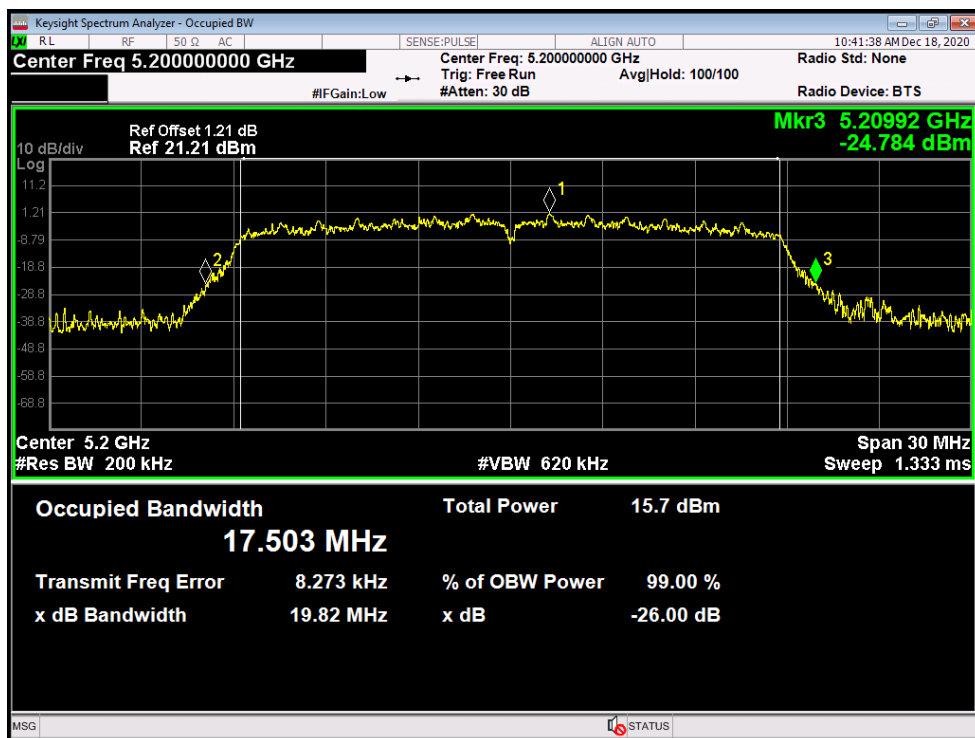
Bandwidth NVNT a 5240MHz Ant3



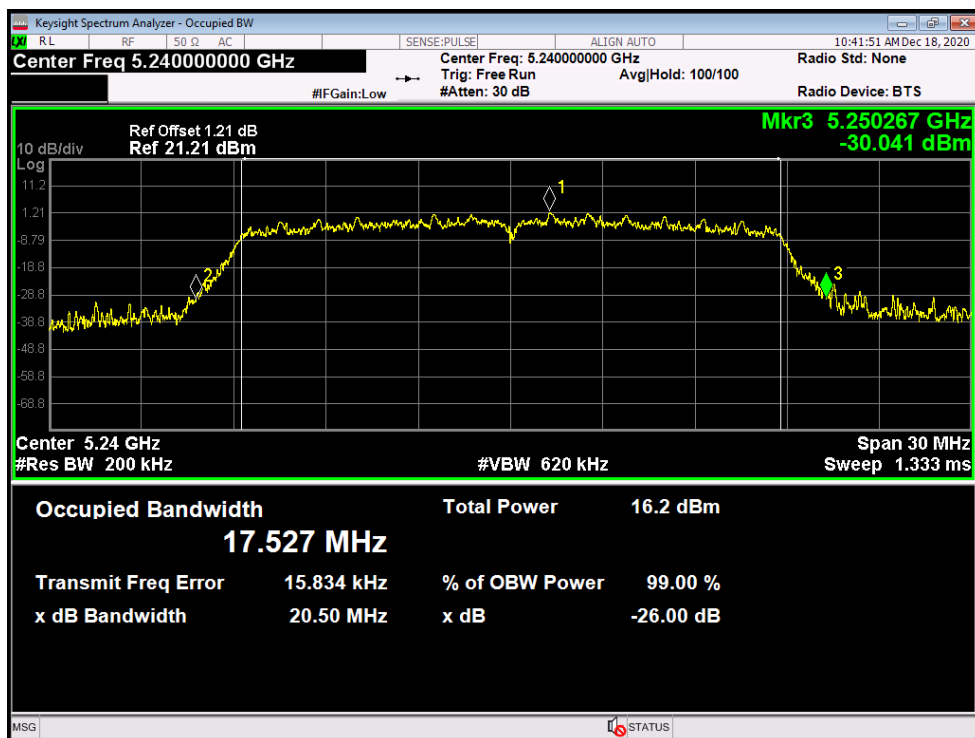
Bandwidth NVNT ac20 5180MHz Ant1



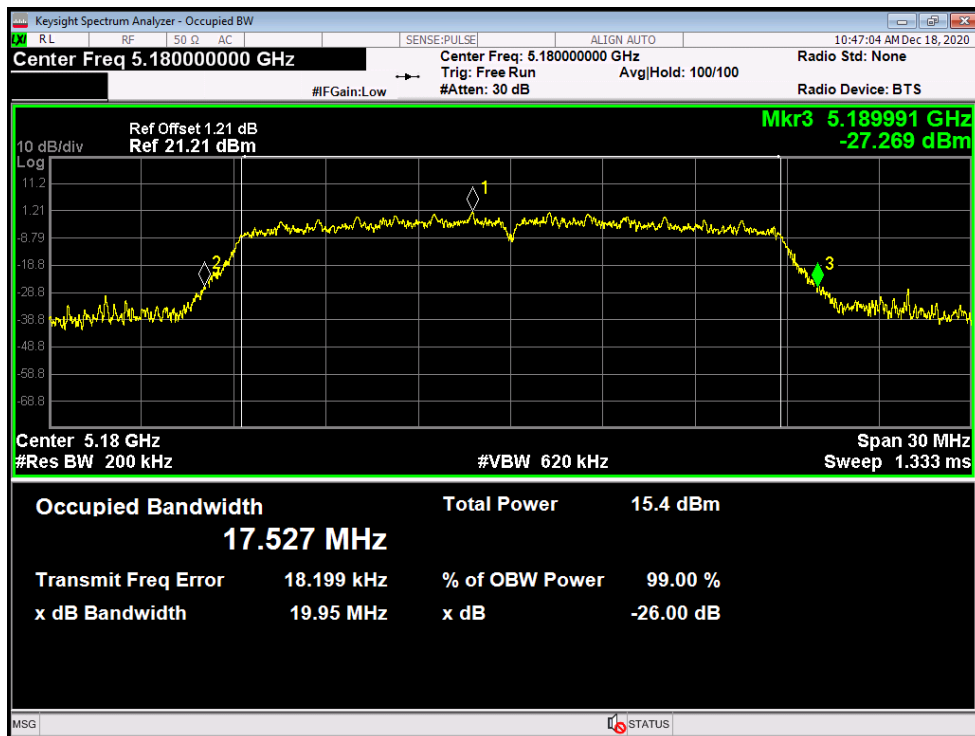
Bandwidth NVNT ac20 5200MHz Ant1



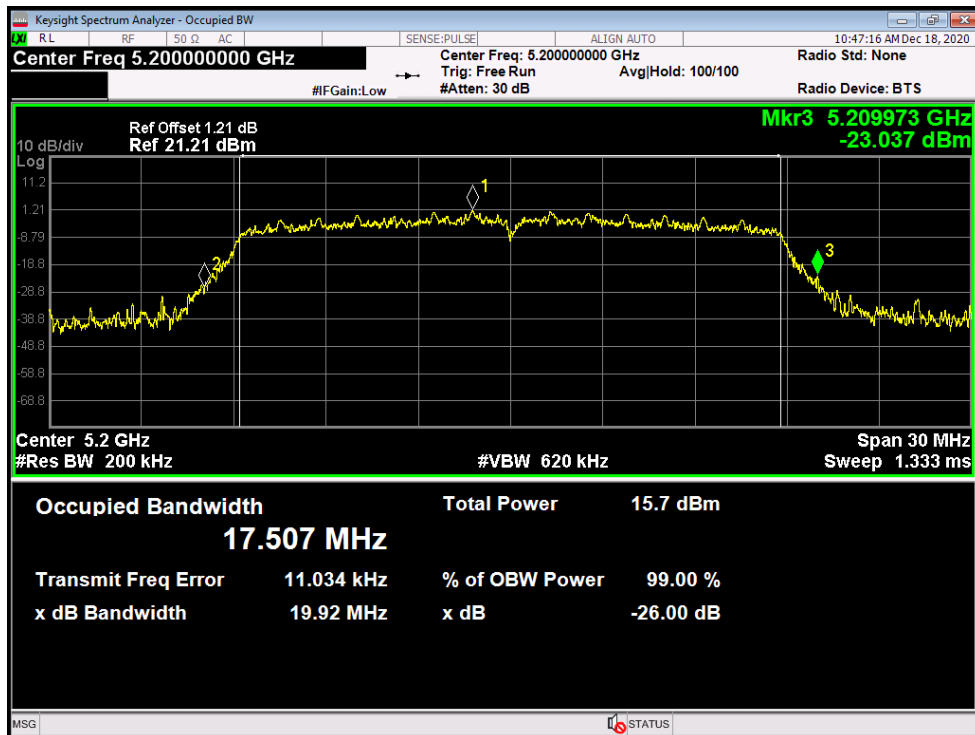
Bandwidth NVNT ac20 5240MHz Ant1



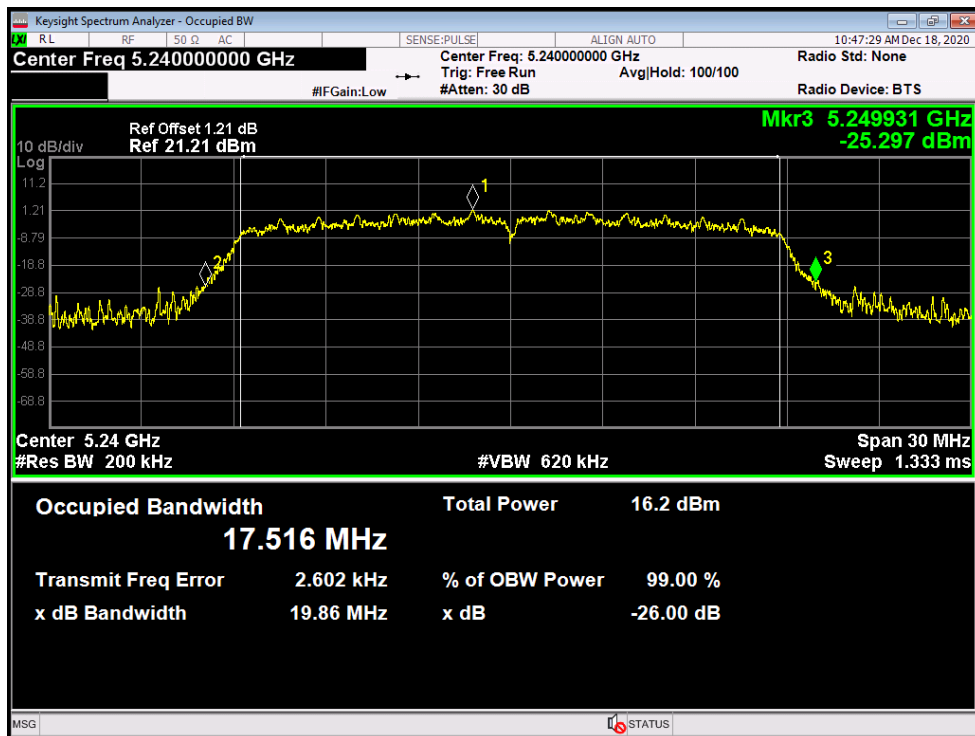
Bandwidth NVNT ac20 5180MHz Ant2



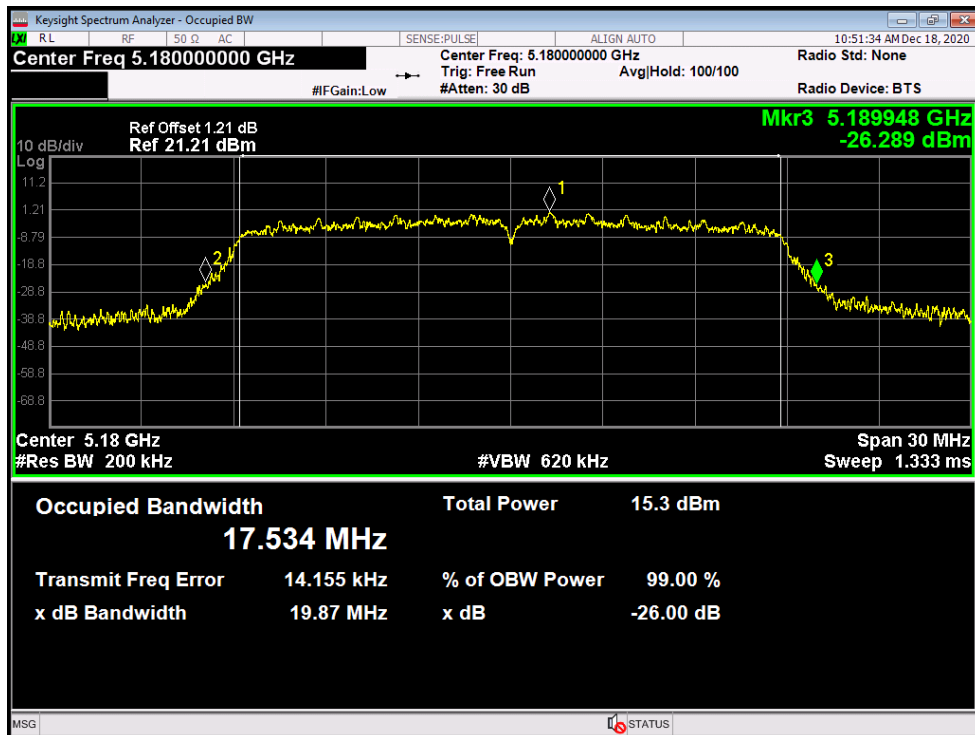
Bandwidth NVNT ac20 5200MHz Ant2



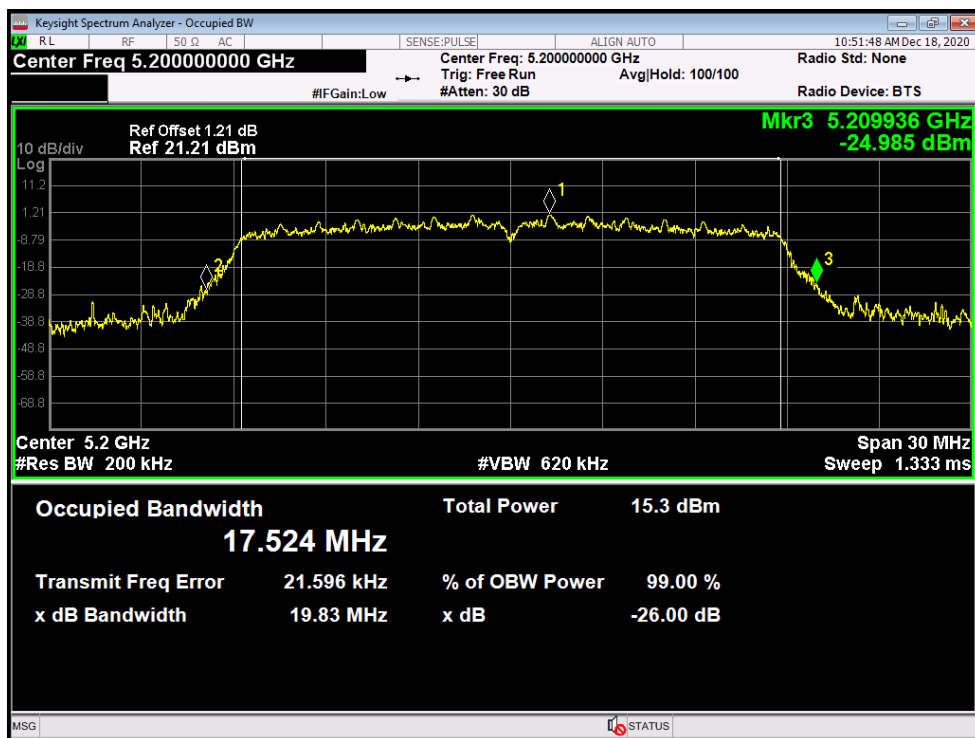
Bandwidth NVNT ac20 5240MHz Ant2



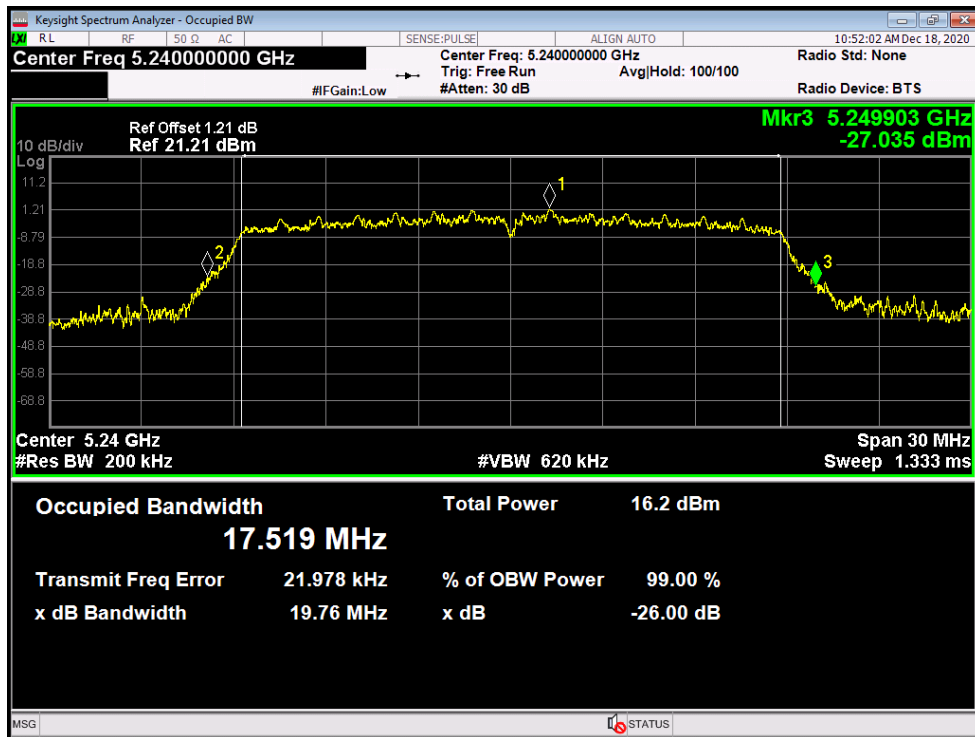
Bandwidth NVNT ac20 5180MHz Ant3



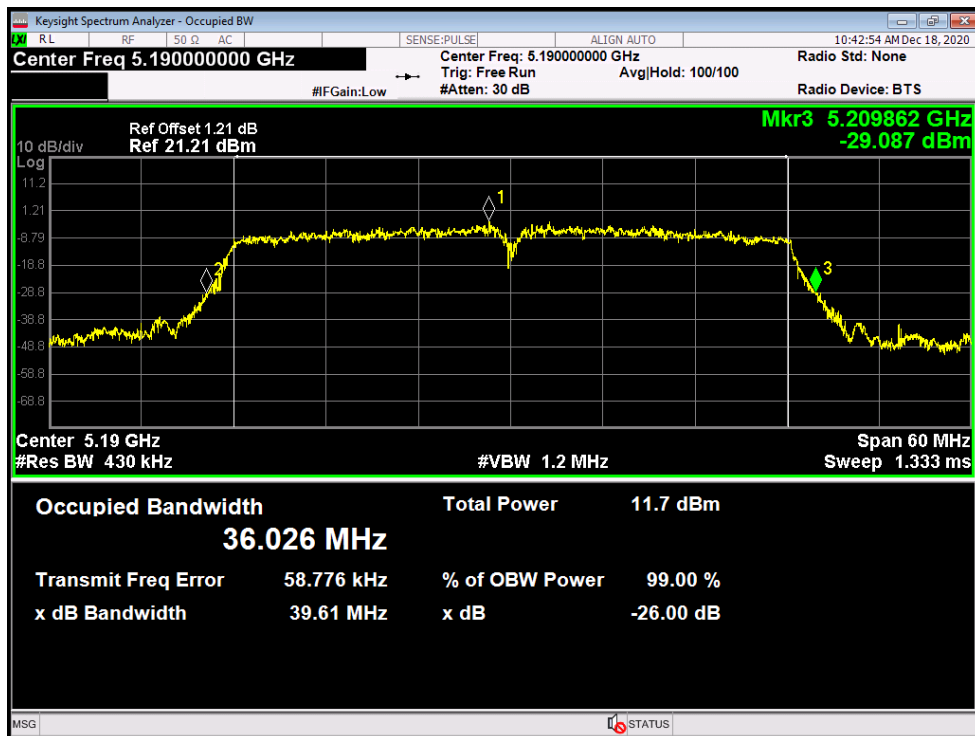
Bandwidth NVNT ac20 5200MHz Ant3



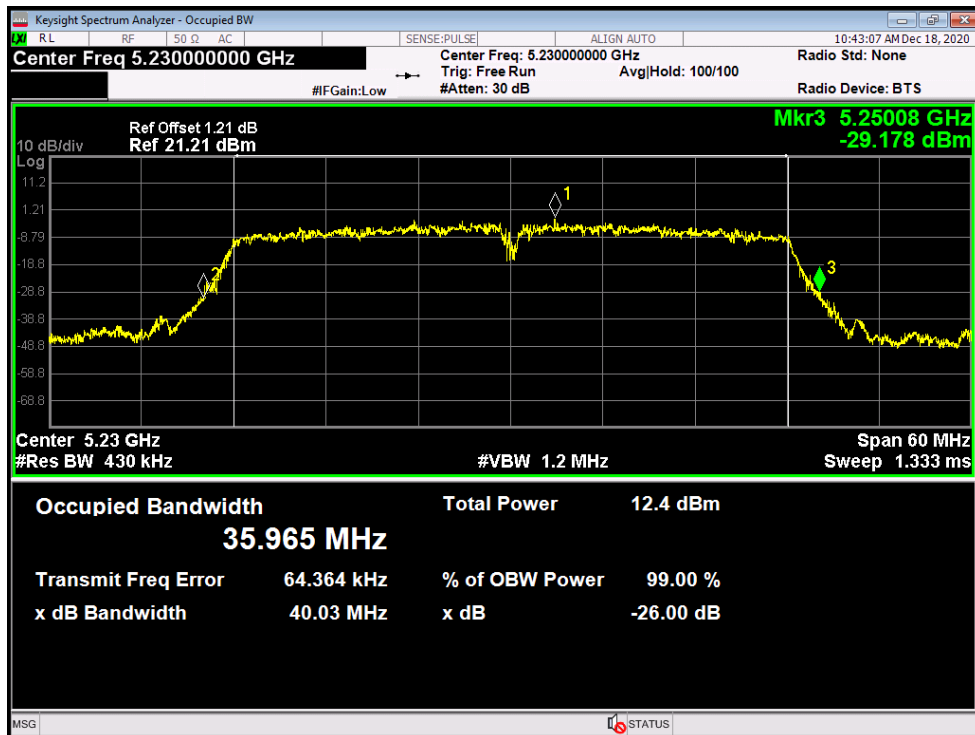
Bandwidth NVNT ac20 5240MHz Ant3



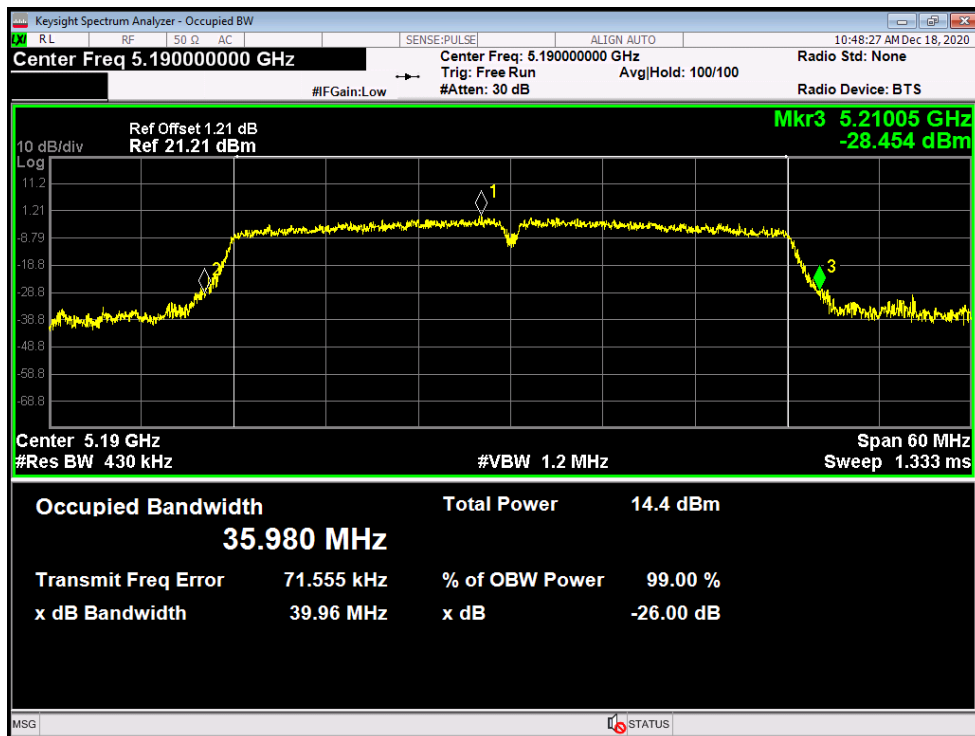
Bandwidth NVNT ac40 5190MHz Ant1



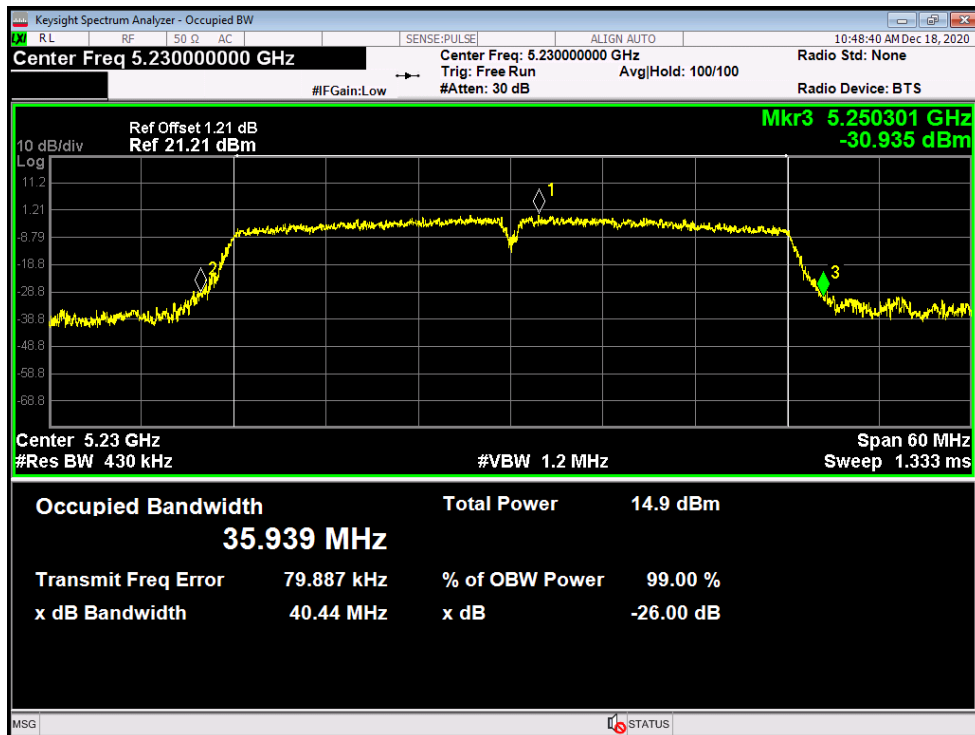
Bandwidth NVNT ac40 5230MHz Ant1



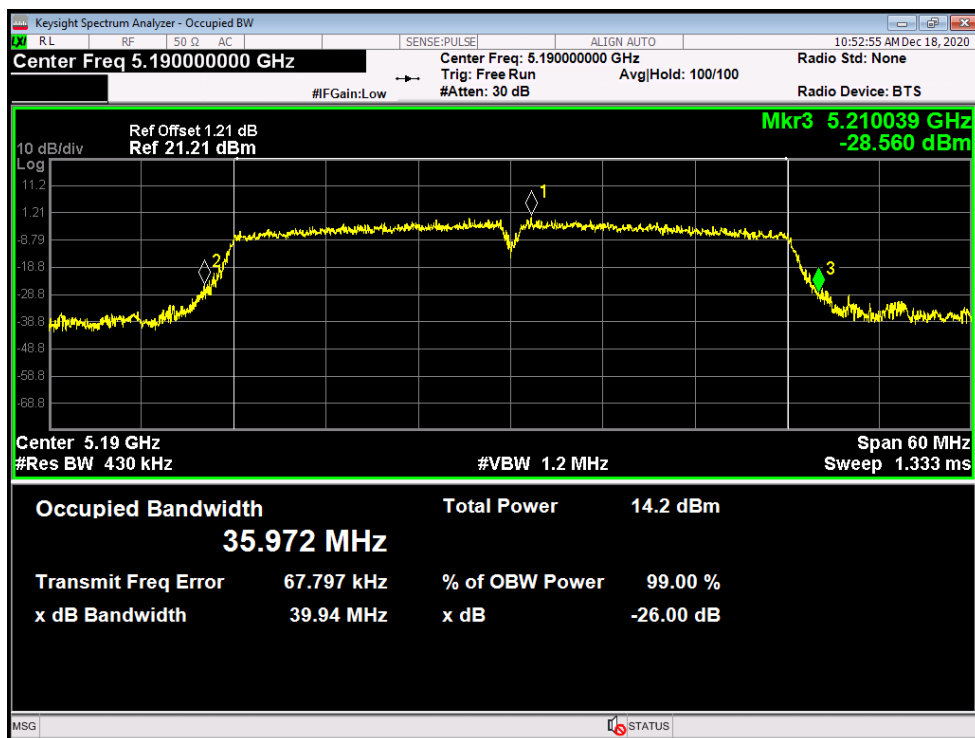
Bandwidth NVNT ac40 5190MHz Ant2



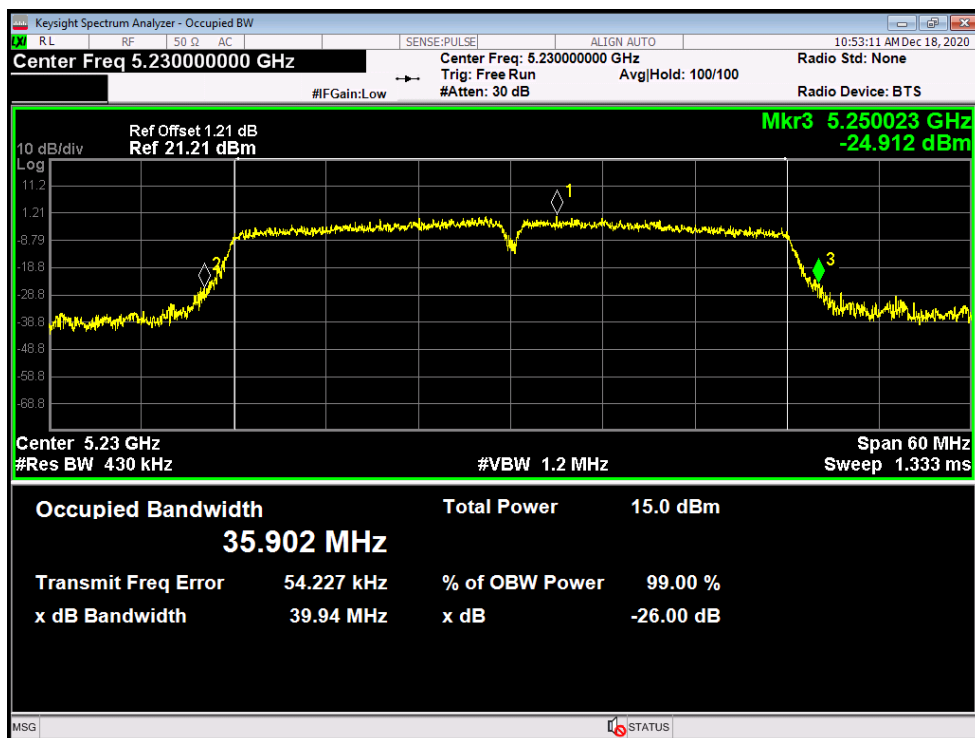
Bandwidth NVNT ac40 5230MHz Ant2



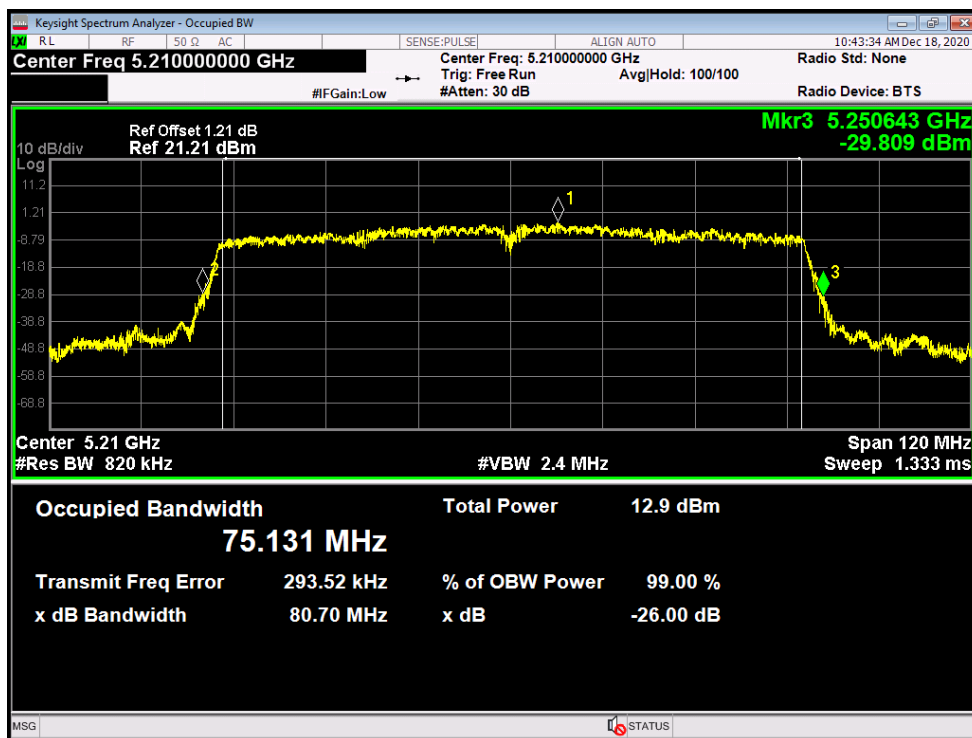
Bandwidth NVNT ac40 5190MHz Ant3



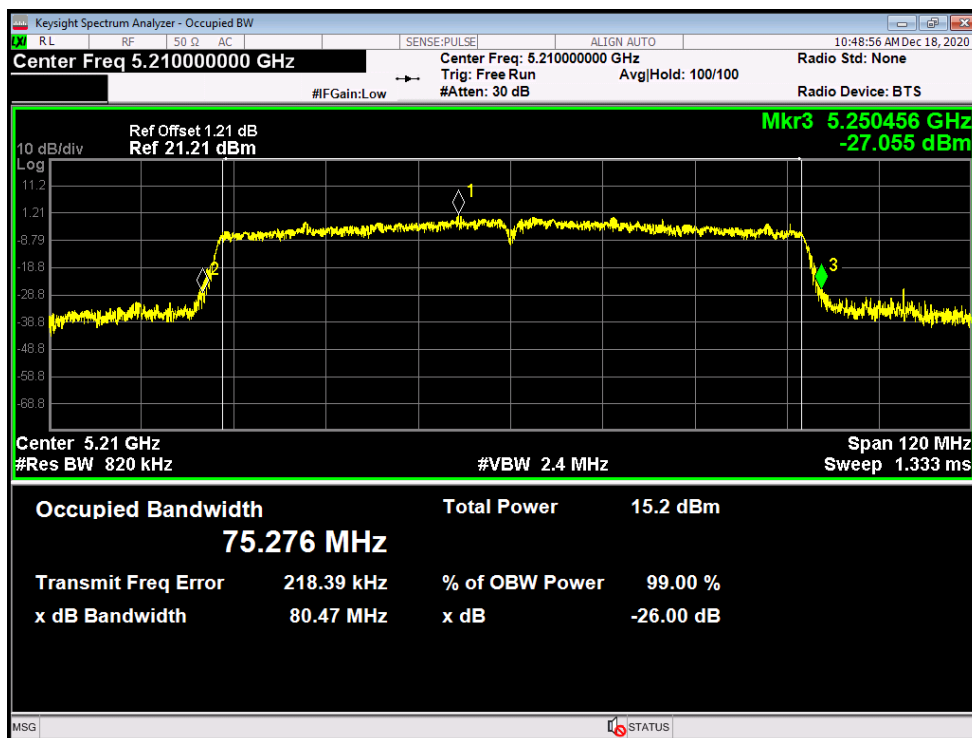
Bandwidth NVNT ac40 5230MHz Ant3



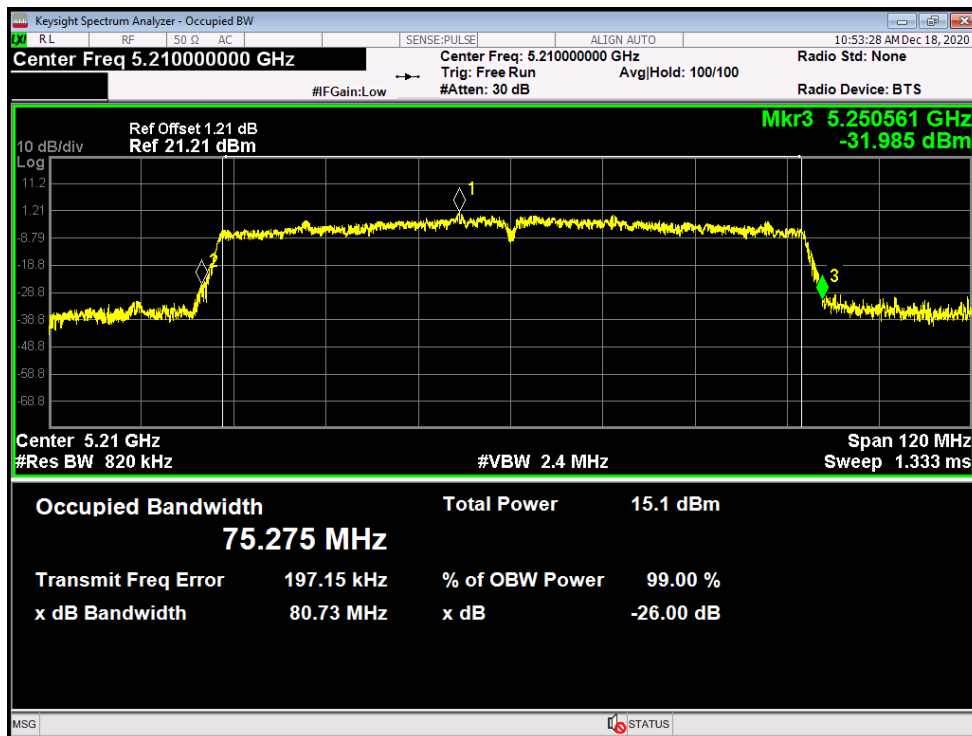
Bandwidth NVNT ac80 5210MHz Ant1



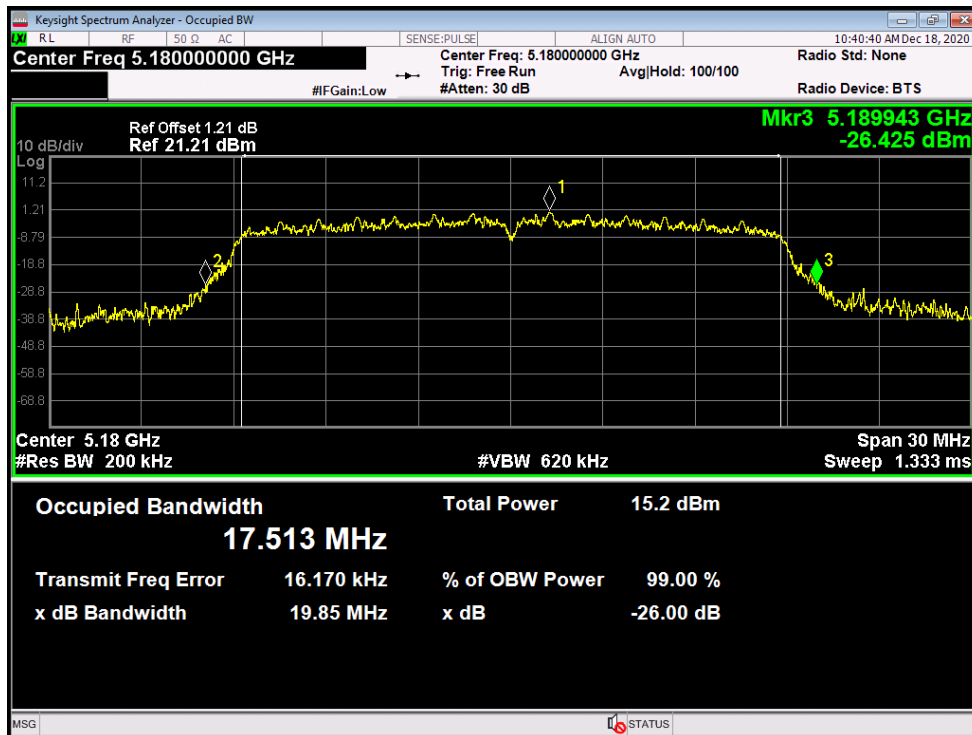
Bandwidth NVNT ac80 5210MHz Ant2



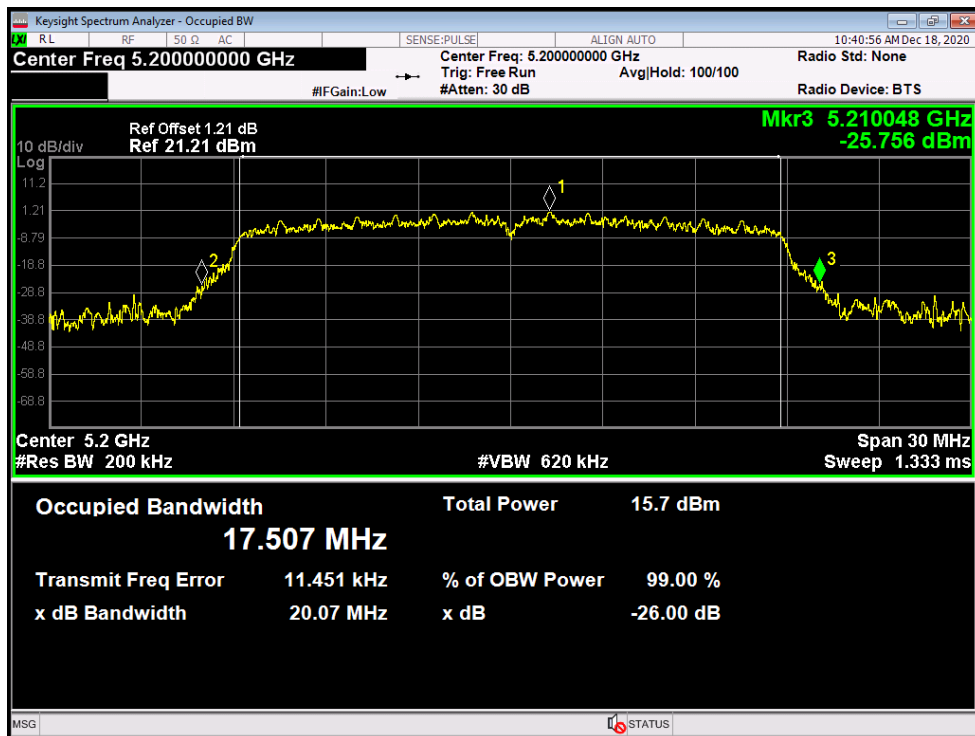
Bandwidth NVNT ac80 5210MHz Ant3



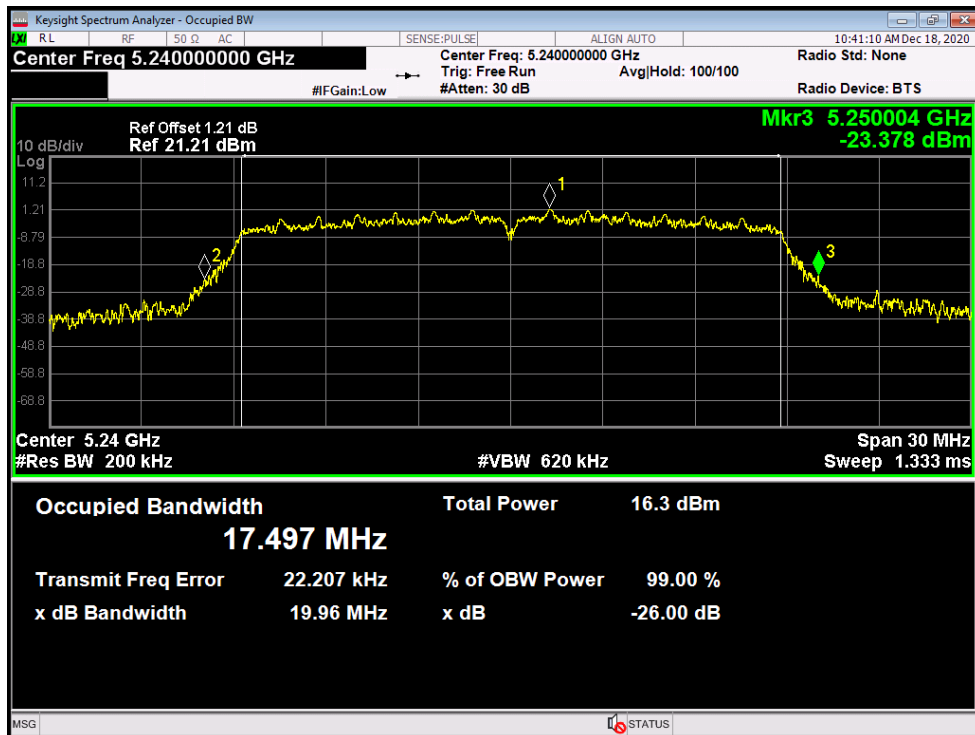
Bandwidth NVNT n20 5180MHz Ant1



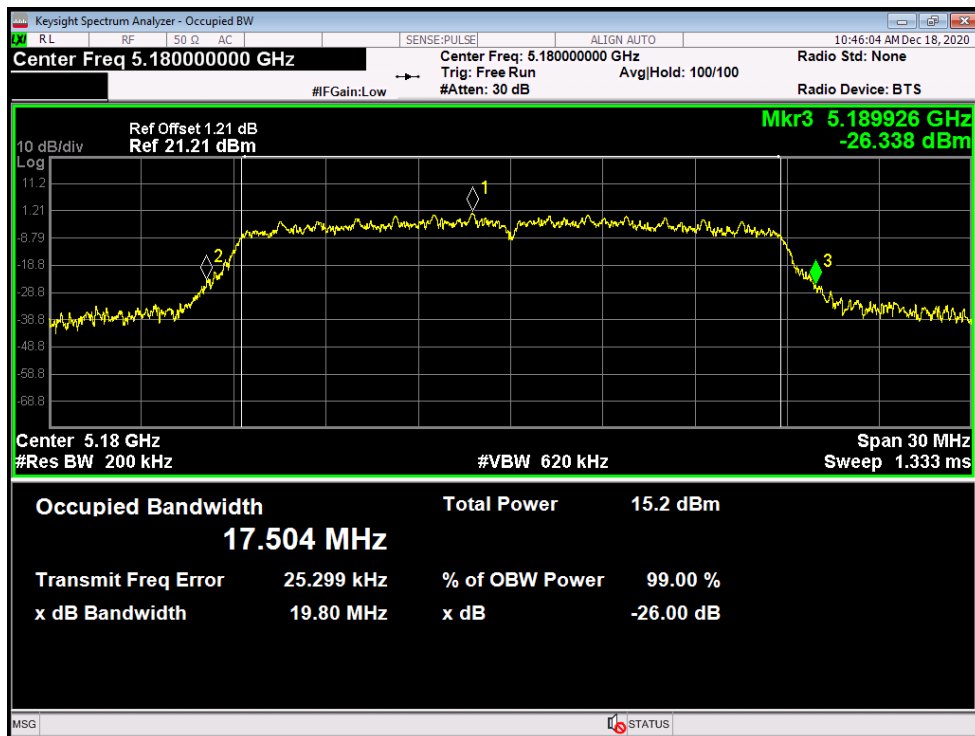
Bandwidth NVNT n20 5200MHz Ant1



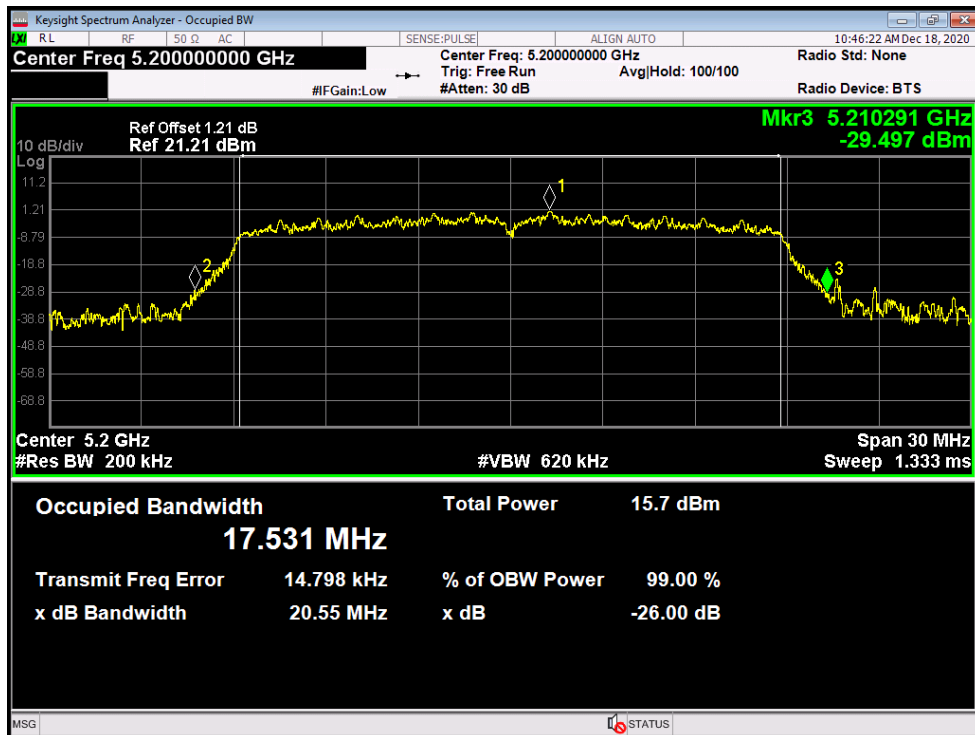
Bandwidth NVNT n20 5240MHz Ant1



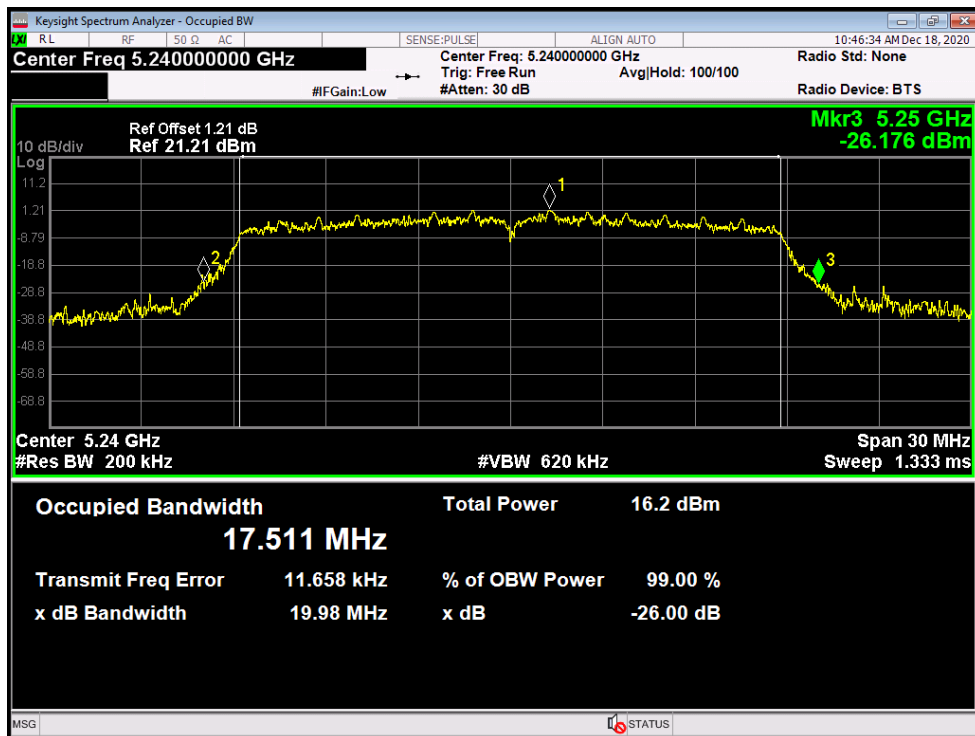
Bandwidth NVNT n20 5180MHz Ant2



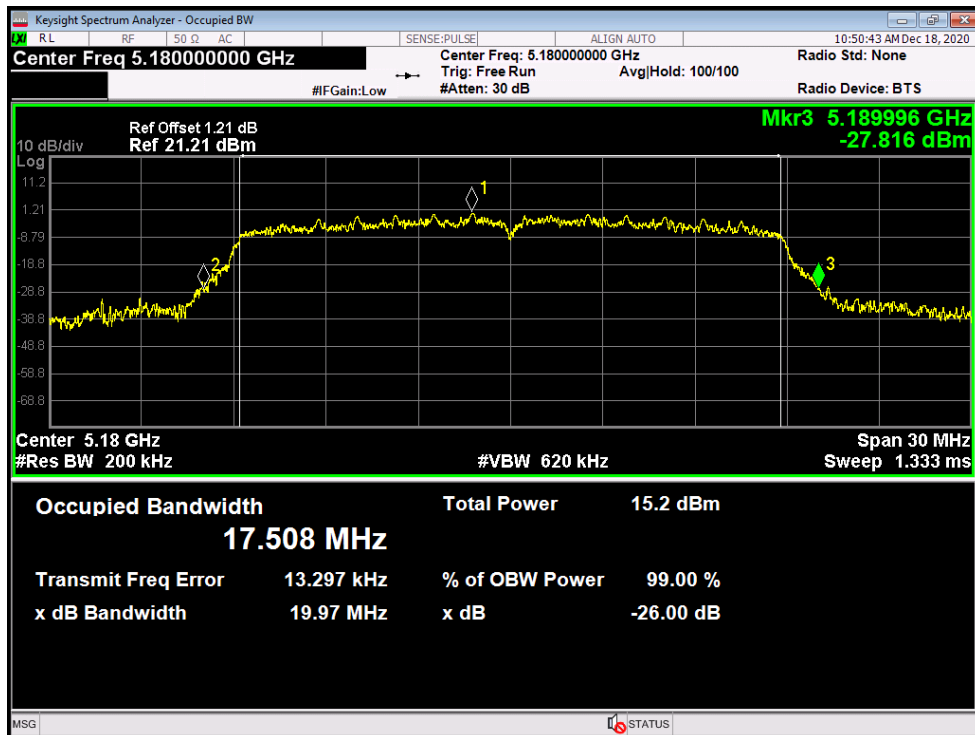
Bandwidth NVNT n20 5200MHz Ant2



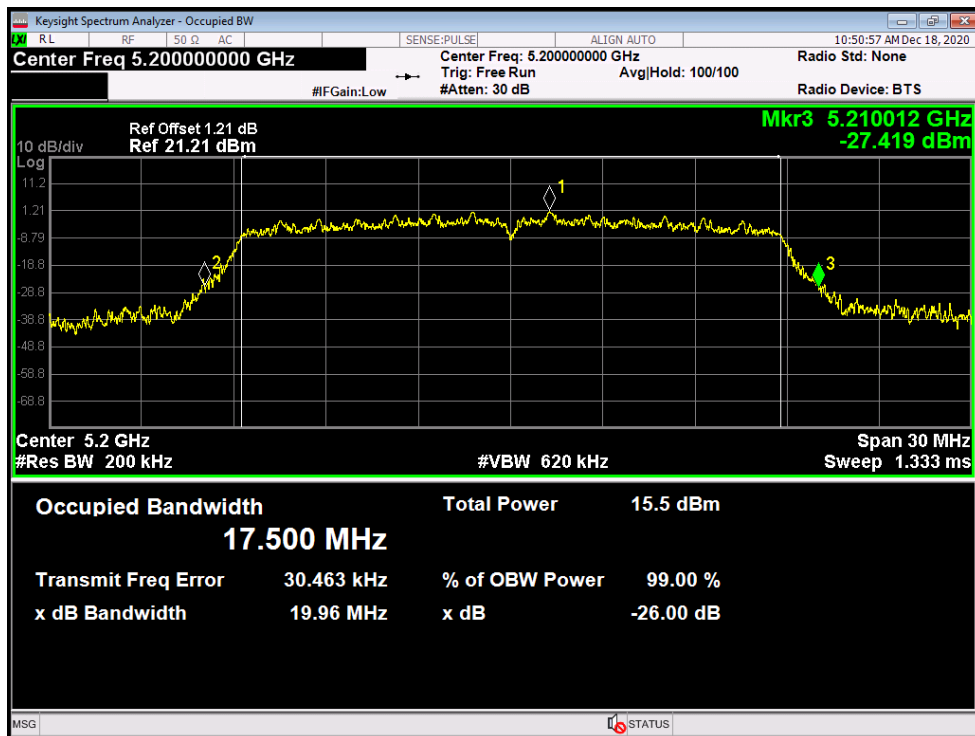
Bandwidth NVNT n20 5240MHz Ant2



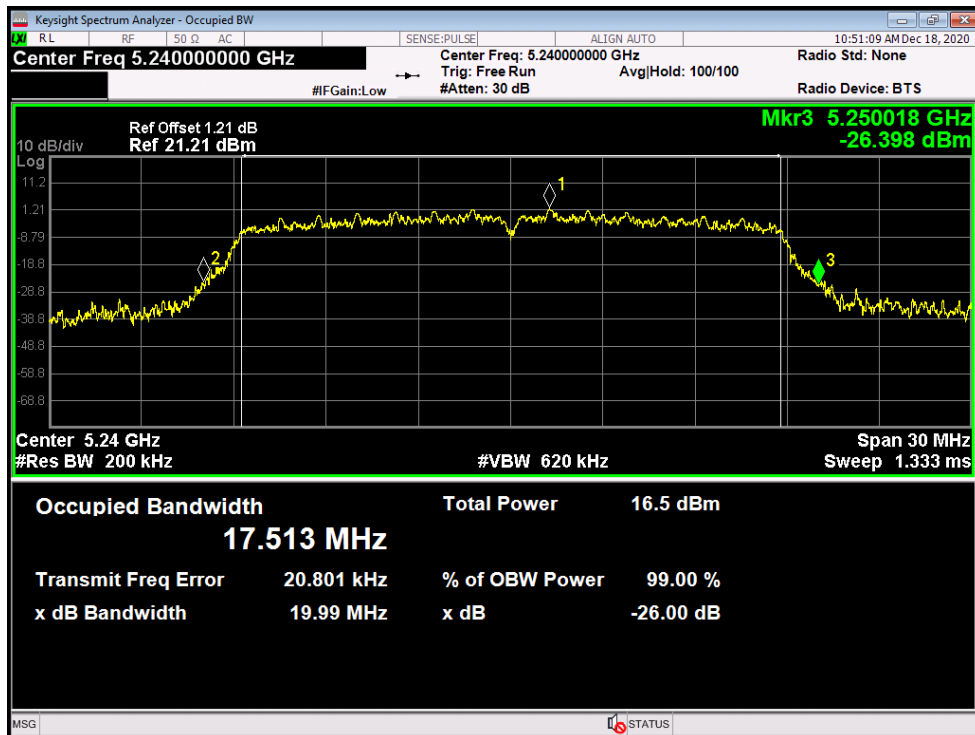
Bandwidth NVNT n20 5180MHz Ant3



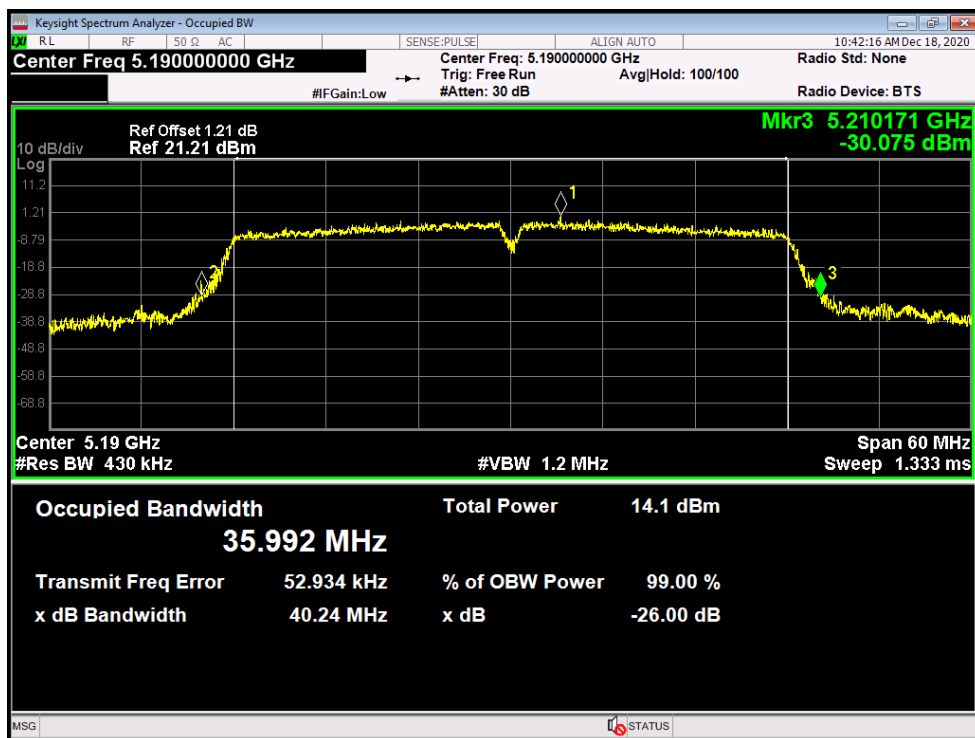
Bandwidth NVNT n20 5200MHz Ant3



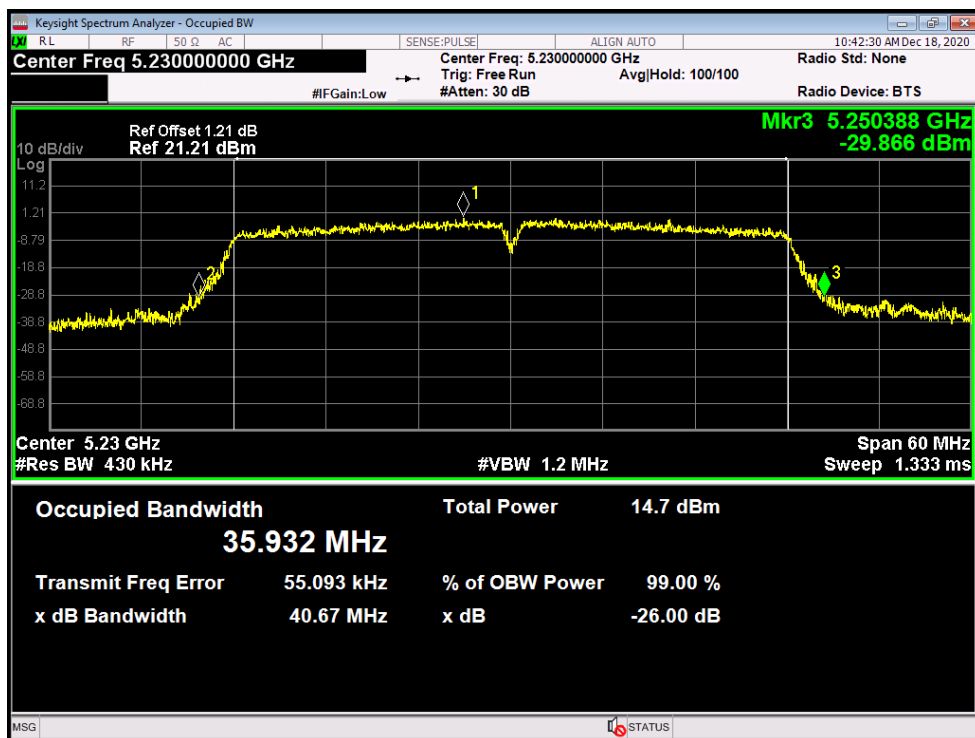
Bandwidth NVNT n20 5240MHz Ant3



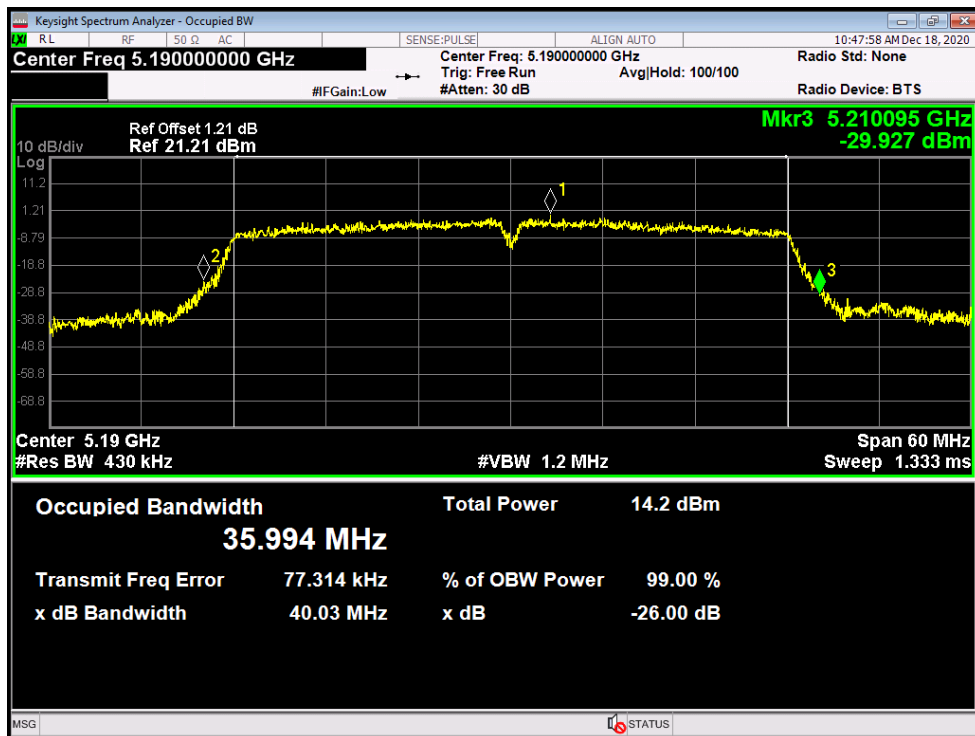
Bandwidth NVNT n40 5190MHz Ant1



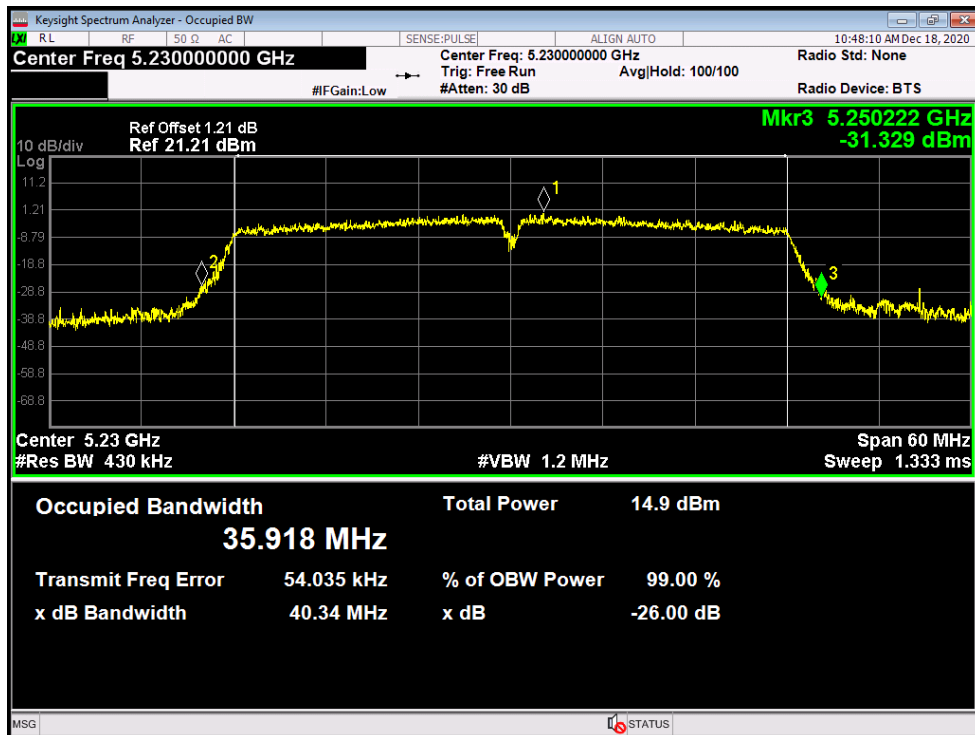
Bandwidth NVNT n40 5230MHz Ant1



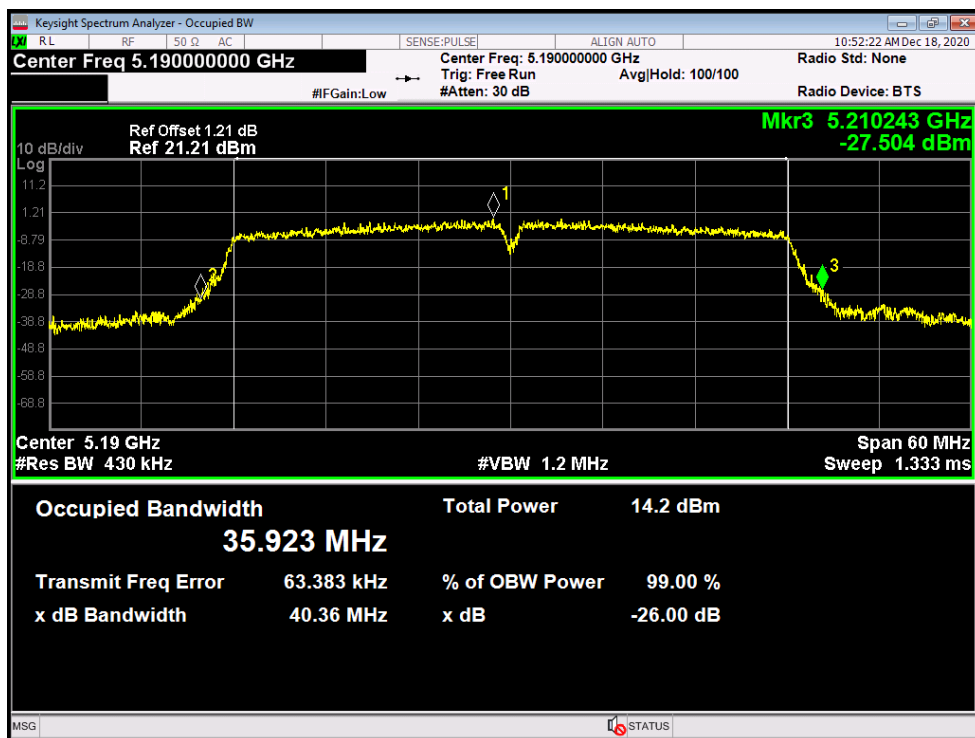
Bandwidth NVNT n40 5190MHz Ant2



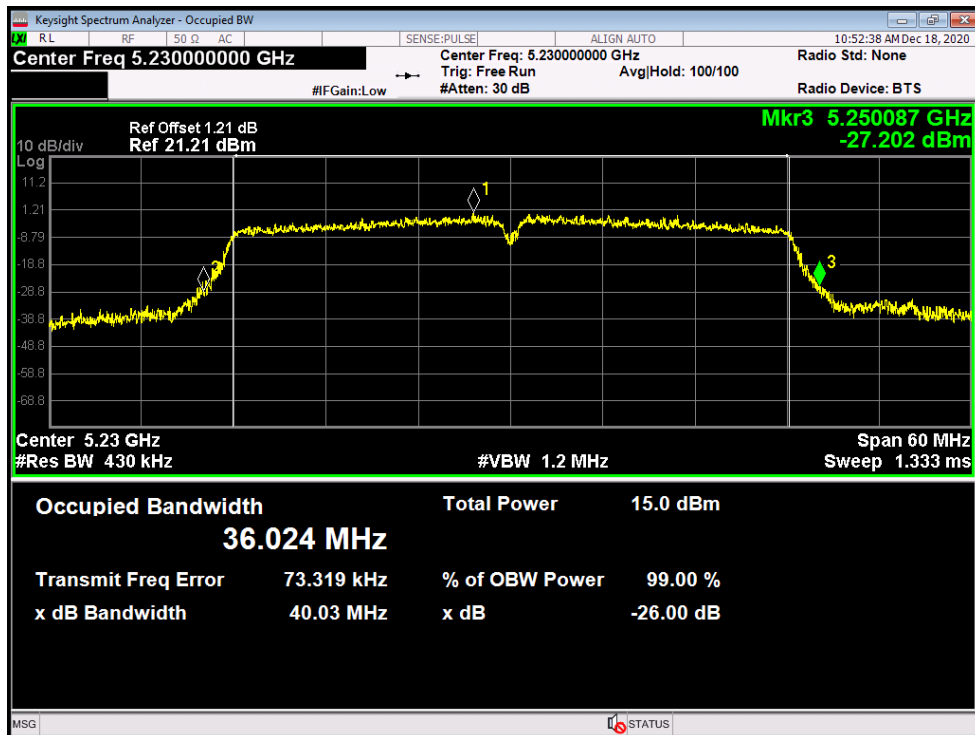
Bandwidth NVNT n40 5230MHz Ant2



Bandwidth NVNT n40 5190MHz Ant3



Bandwidth NVNT n40 5230MHz Ant3

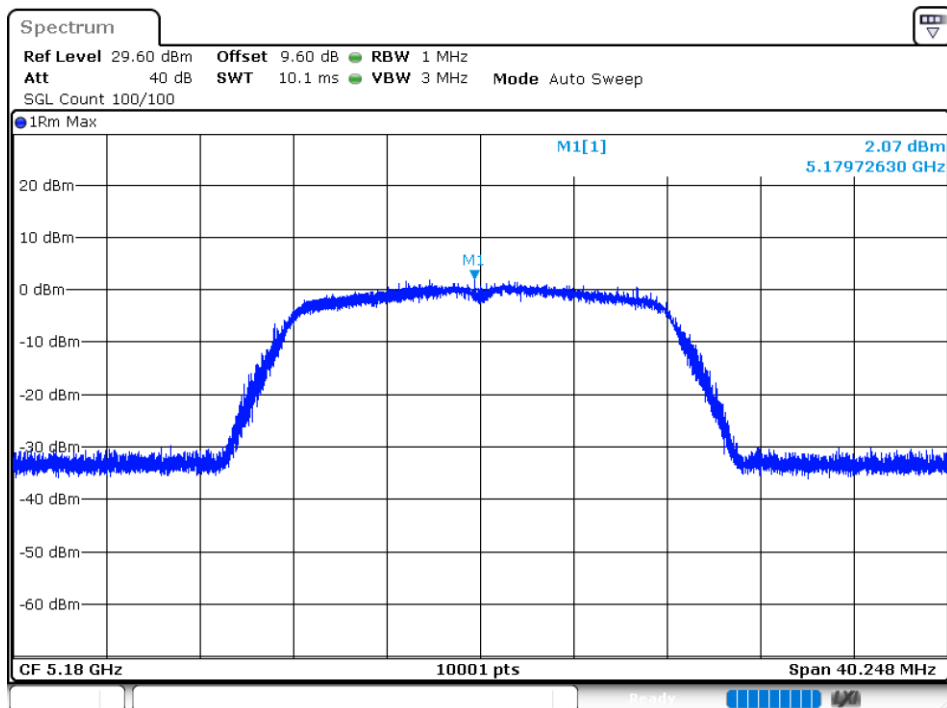


Maximum Power Spectral Density Level

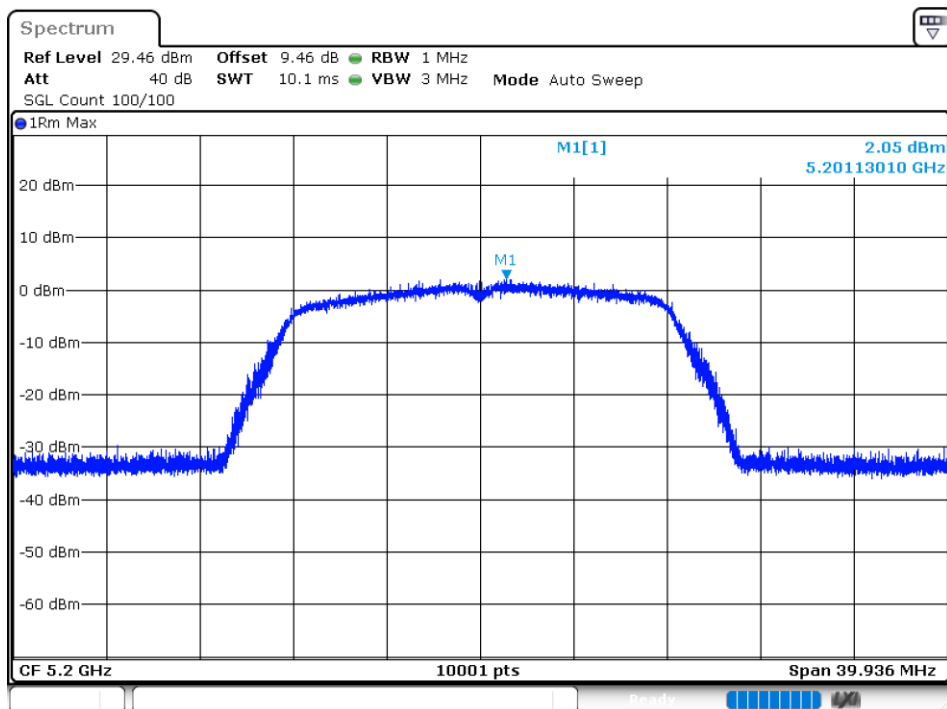
Condition	Mode	Frequency (MHz)	Antenna	SISO Max PSD (dBm)	SISO Limit (dBm)	MIMO Max PSD (dBm)	MIMO Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	2.068	17	N/A	N/A	Pass
NVNT	802.11a	5200	Ant 1	2.05	17	N/A	N/A	Pass
NVNT	802.11a	5240	Ant 1	2.347	17	N/A	N/A	Pass
NVNT	802.11a	5180	Ant 2	1.464	17	N/A	N/A	Pass
NVNT	802.11a	5200	Ant 2	2.562	17	N/A	N/A	Pass
NVNT	802.11a	5240	Ant 2	2.228	17	N/A	N/A	Pass
NVNT	802.11a	5180	Ant 3	2.703	17	N/A	N/A	Pass
NVNT	802.11a	5200	Ant 3	2.122	17	N/A	N/A	Pass
NVNT	802.11a	5240	Ant 3	2.402	17	N/A	N/A	Pass
NVNT	802.11ac20	5180	Ant 1	2.092	17	6.19	13.23	Pass
NVNT	802.11ac20	5180	Ant 2	0.93	17			
NVNT	802.11ac20	5180	Ant 3	1.125	17			
NVNT	802.11ac20	5200	Ant 1	2.365	17	6.76	13.23	Pass
NVNT	802.11ac20	5200	Ant 2	1.899	17			
NVNT	802.11ac20	5200	Ant 3	1.671	17			
NVNT	802.11ac20	5240	Ant 1	1.979	17	6.60	13.23	Pass
NVNT	802.11ac20	5240	Ant 2	1.93	17			
NVNT	802.11ac20	5240	Ant 3	1.562	17			
NVNT	802.11ac40	5190	Ant 1	-1.213	17	4.01	13.23	Pass
NVNT	802.11ac40	5190	Ant 2	-0.826	17			
NVNT	802.11ac40	5190	Ant 3	-0.308	17			
NVNT	802.11ac40	5230	Ant 1	0.465	17	5.19	13.23	Pass
NVNT	802.11ac40	5230	Ant 2	0.416	17			
NVNT	802.11ac40	5230	Ant 3	0.383	17			
NVNT	802.11ac80	5210	Ant 1	-2.367	17	2.10	13.23	Pass
NVNT	802.11ac80	5210	Ant 2	-2.554	17			
NVNT	802.11ac80	5210	Ant 3	-3.163	17			
NVNT	802.11n(HT20)	5180	Ant 1	1.952	17	6.65	13.23	Pass
NVNT	802.11n(HT20)	5180	Ant 2	1.642	17			
NVNT	802.11n(HT20)	5180	Ant 3	2.001	17			
NVNT	802.11n(HT20)	5200	Ant 1	2.202	17	6.65	13.23	Pass
NVNT	802.11n(HT20)	5200	Ant 2	1.574	17			
NVNT	802.11n(HT20)	5200	Ant 3	1.831	17			
NVNT	802.11n(HT20)	5240	Ant 1	2.09	17	7.08	13.23	Pass
NVNT	802.11n(HT20)	5240	Ant 2	2.634	17			
NVNT	802.11n(HT20)	5240	Ant 3	2.21	17			
NVNT	802.11n(HT40)	5190	Ant 1	-0.7	17	3.87	13.23	Pass

NVNT	802.11n(HT40)	5190	Ant 2	-1.168	17			
NVNT	802.11n(HT40)	5190	Ant 3	-0.823	17			
NVNT	802.11n(HT40)	5230	Ant 1	0.253	17	5.24	13.23	Pass
NVNT	802.11n(HT40)	5230	Ant 2	0.571	17			
NVNT	802.11n(HT40)	5230	Ant 3	0.56	17			

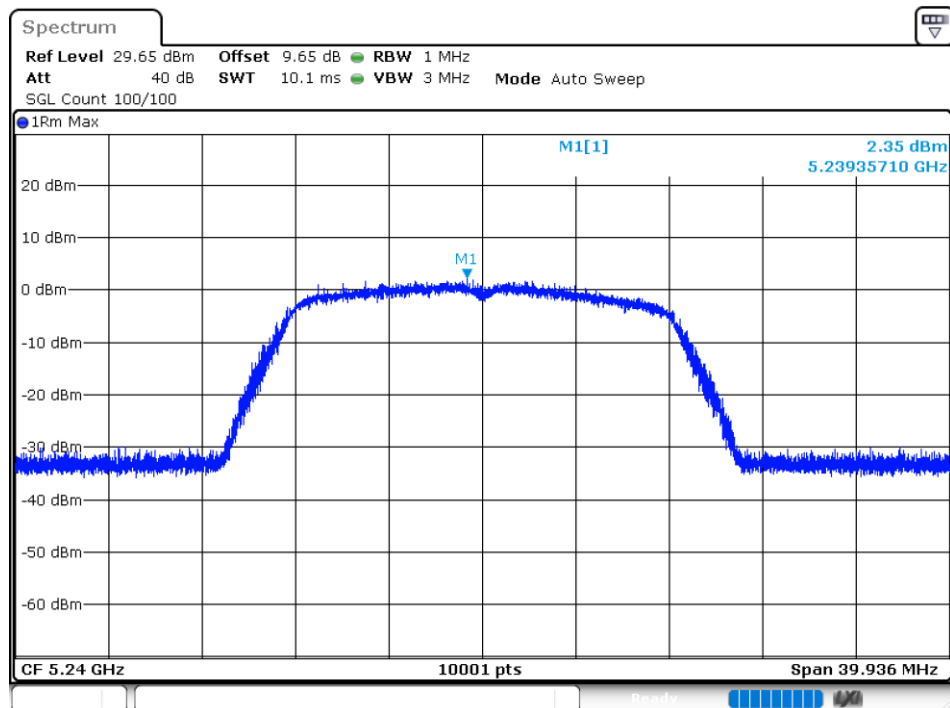
PSD NVNT 802.11a 5180MHz Ant 1



PSD NVNT 802.11a 5200MHz Ant 1



PSD NVNT 802.11a 5240MHz Ant 1



PSD NVNT 802.11a 5180MHz Ant 2

