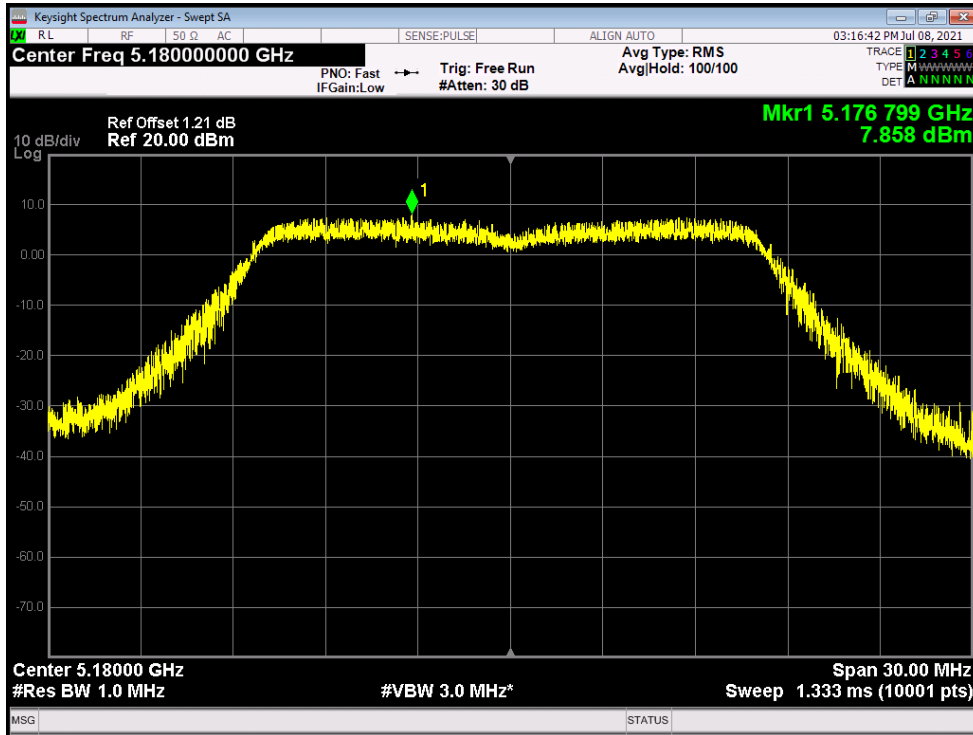
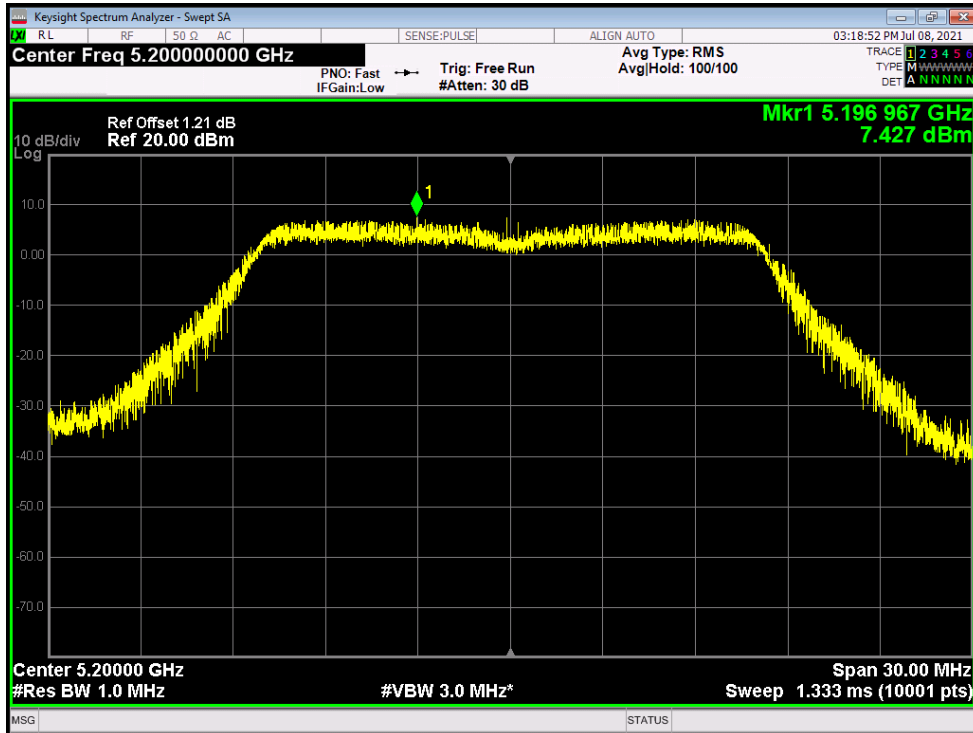


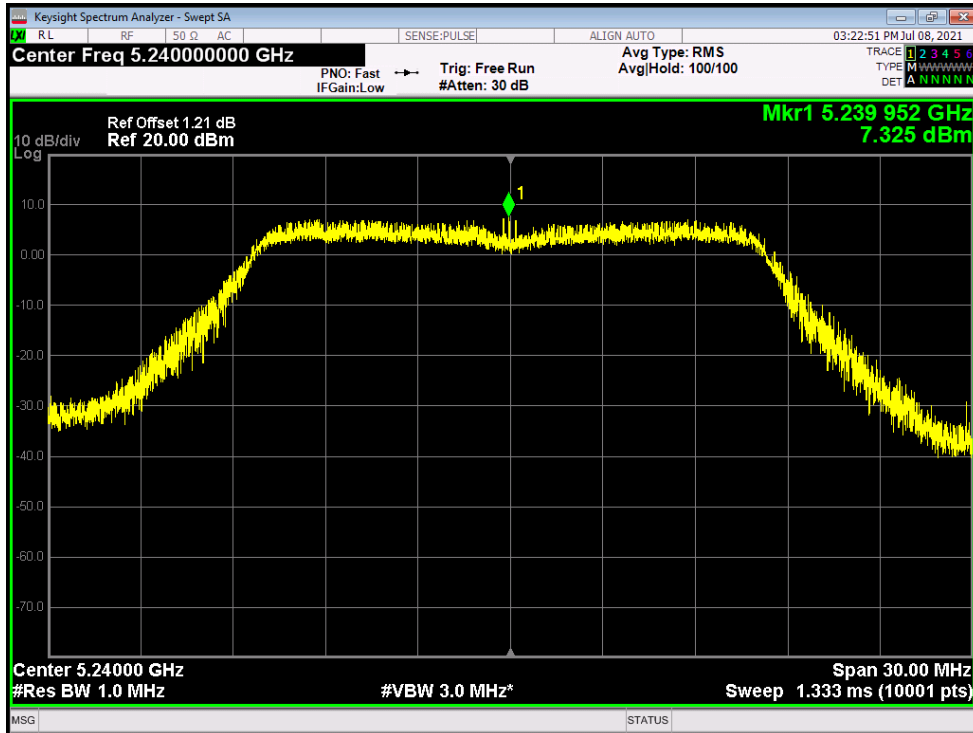
### PSD NVNT a 5180MHz Ant2



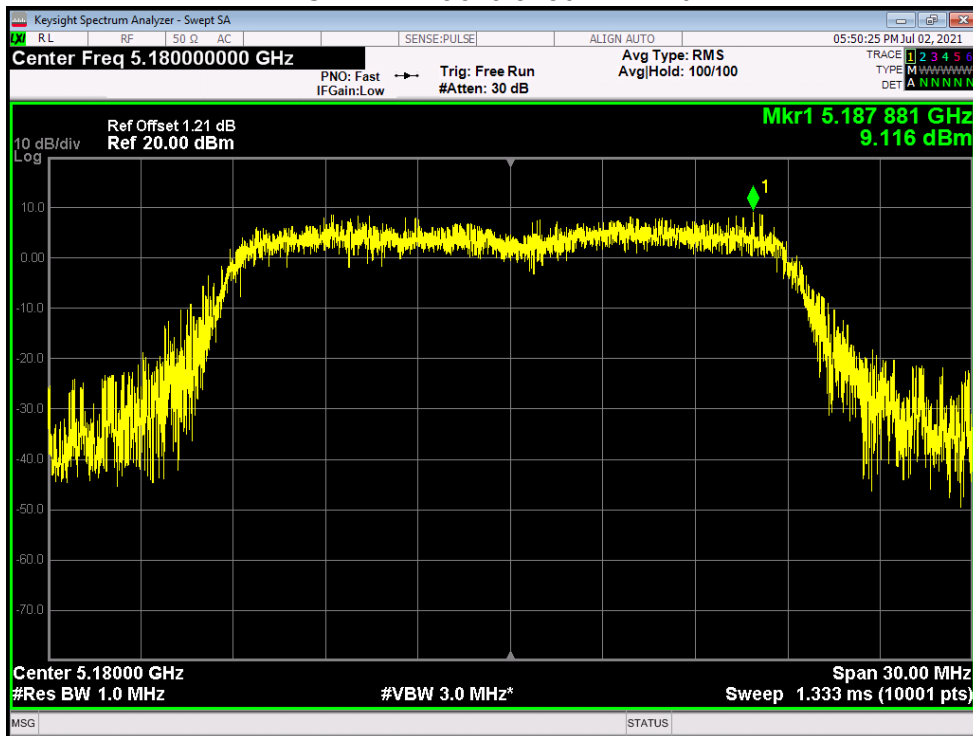
### PSD NVNT a 5200MHz Ant2



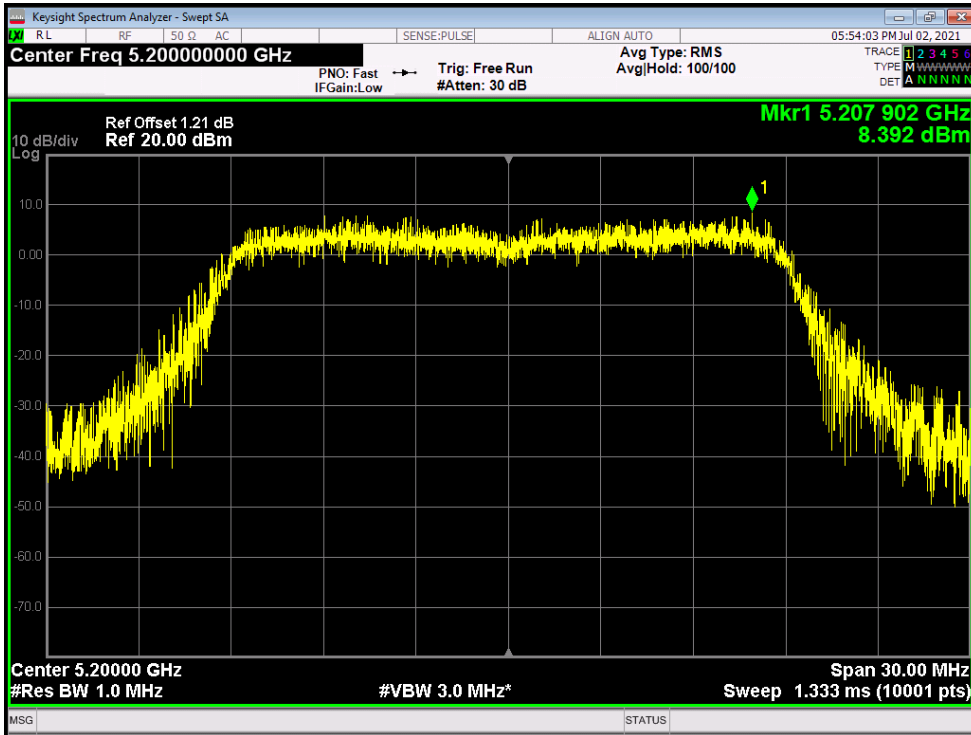
PSD NVNT a 5240MHz Ant2



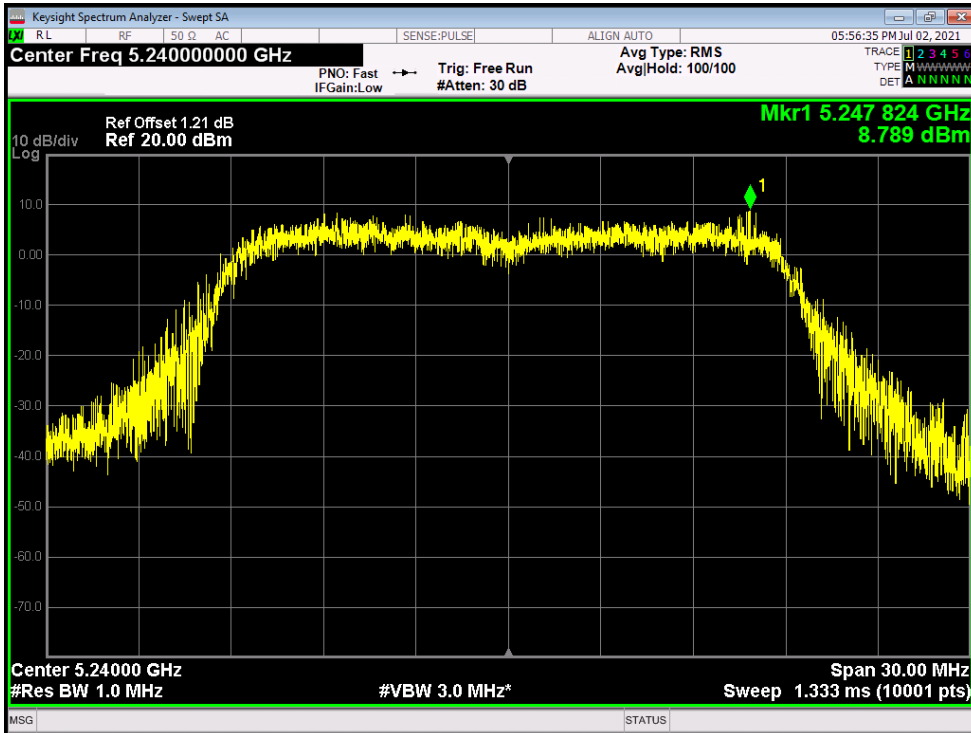
PSD NVNT ac20 5180MHz Ant1



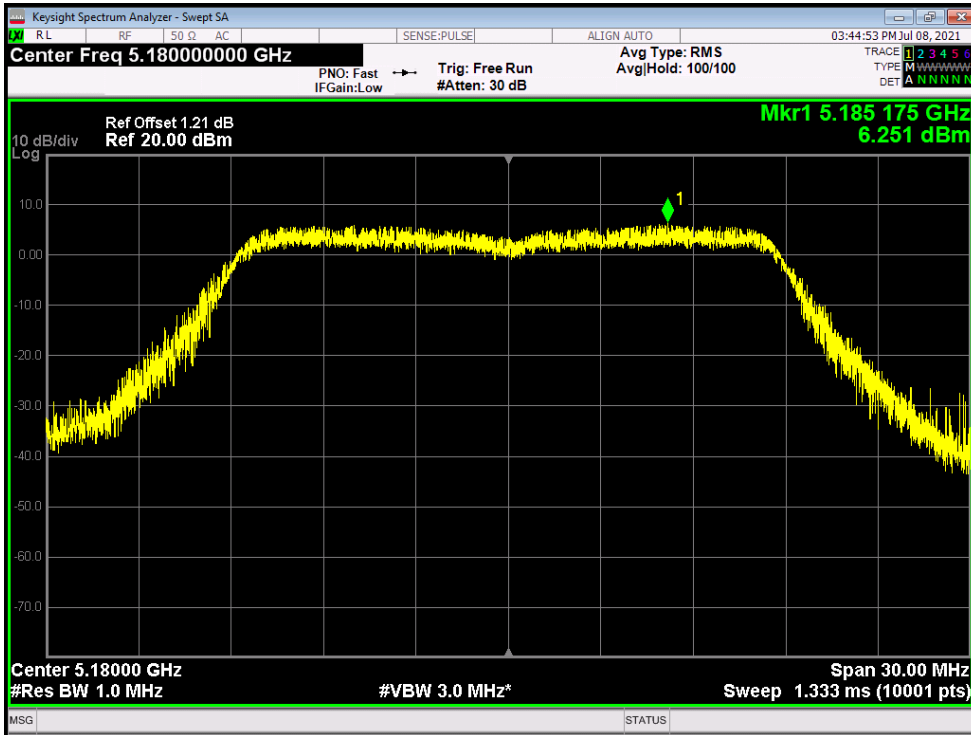
### PSD NVNT ac20 5200MHz Ant1



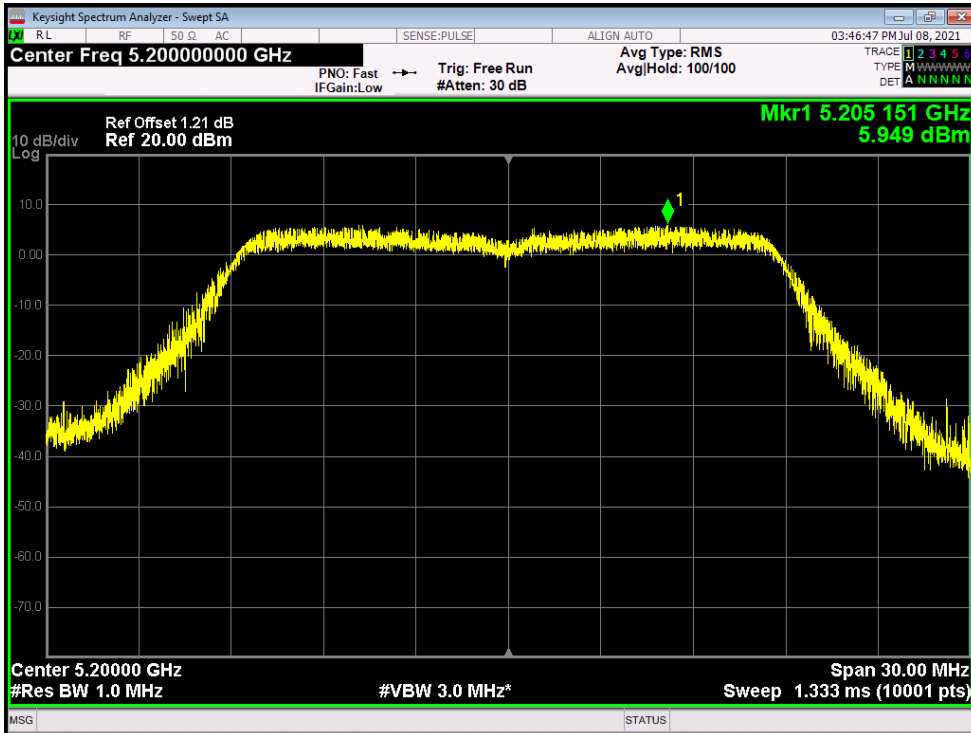
### PSD NVNT ac20 5240MHz Ant1



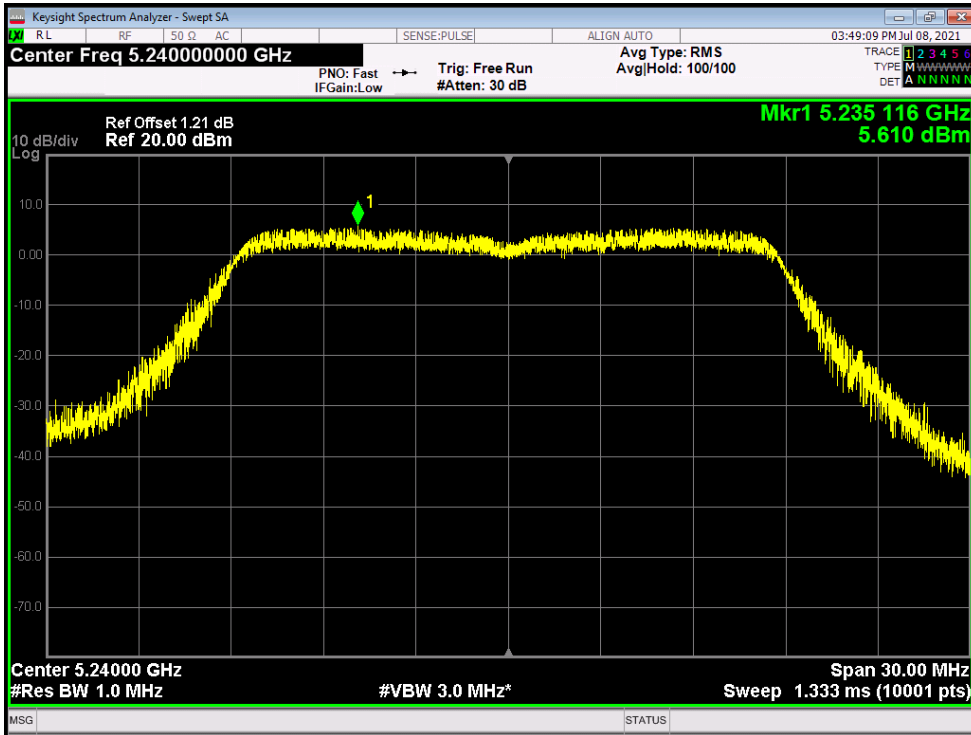
### PSD NVNT ac20 5180MHz Ant2



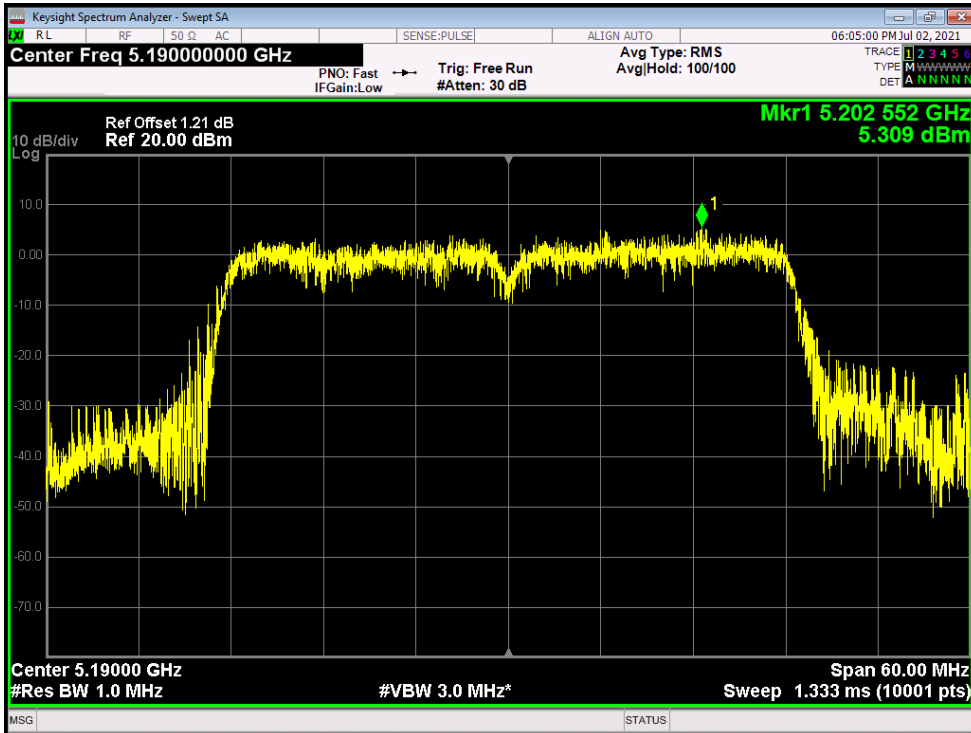
### PSD NVNT ac20 5200MHz Ant2



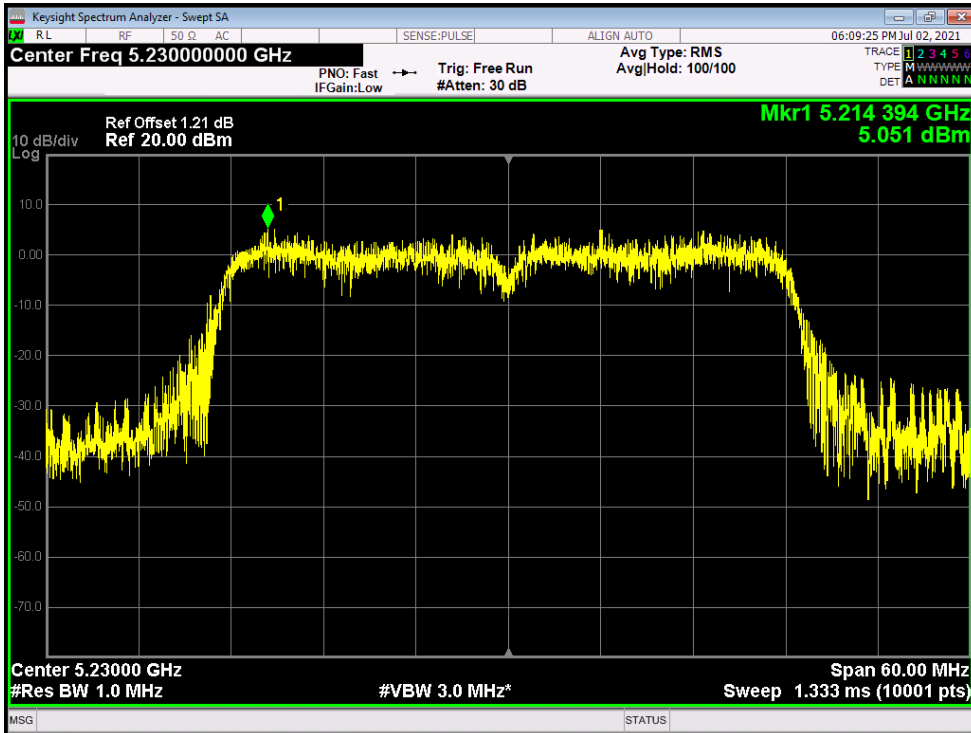
### PSD NVNT ac20 5240MHz Ant2



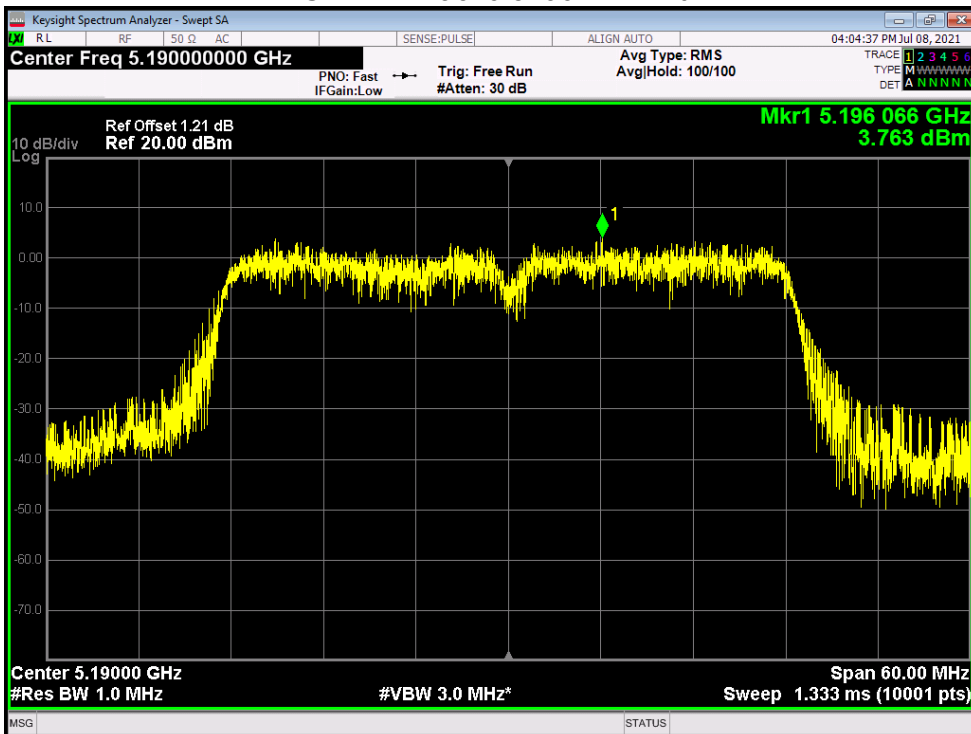
### PSD NVNT ac40 5190MHz Ant1



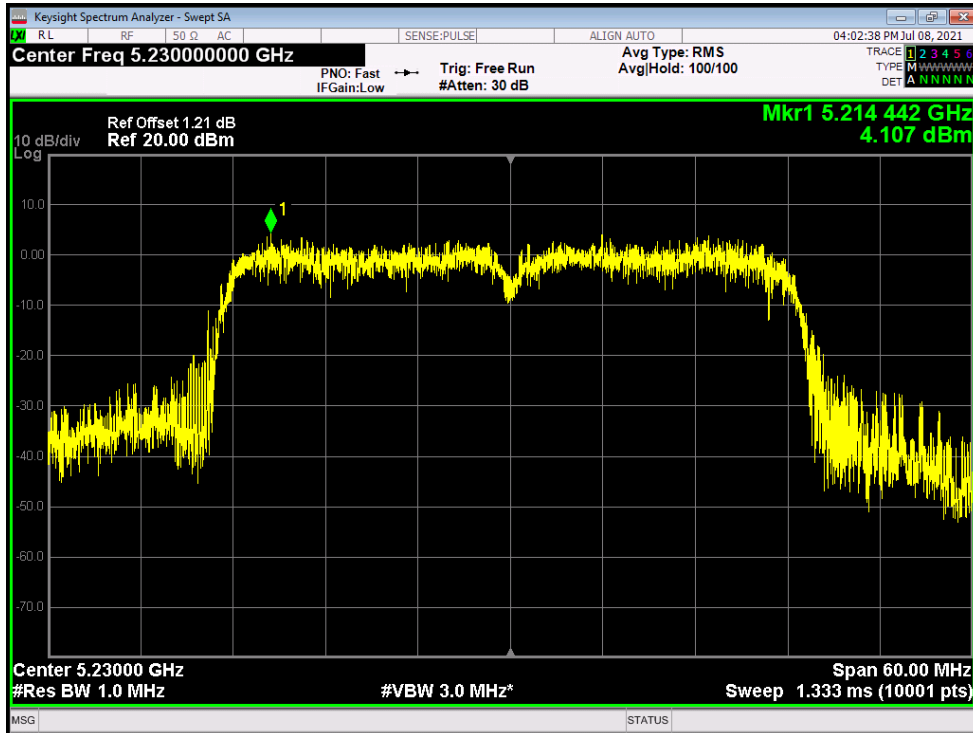
PSD NVNT ac40 5230MHz Ant1



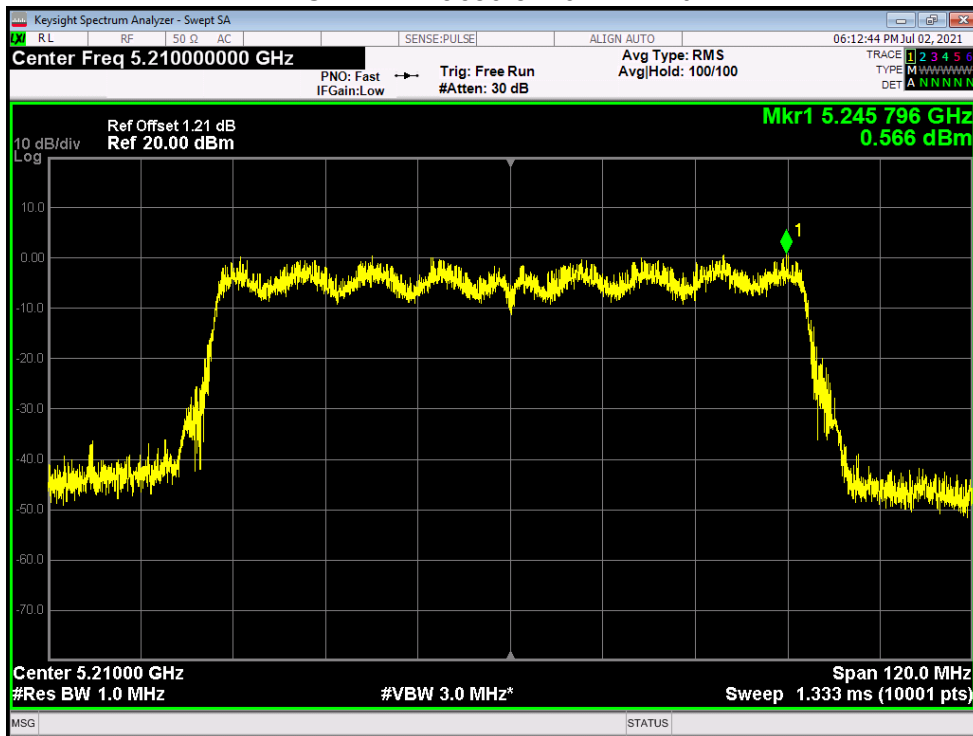
PSD NVNT ac40 5190MHz Ant2



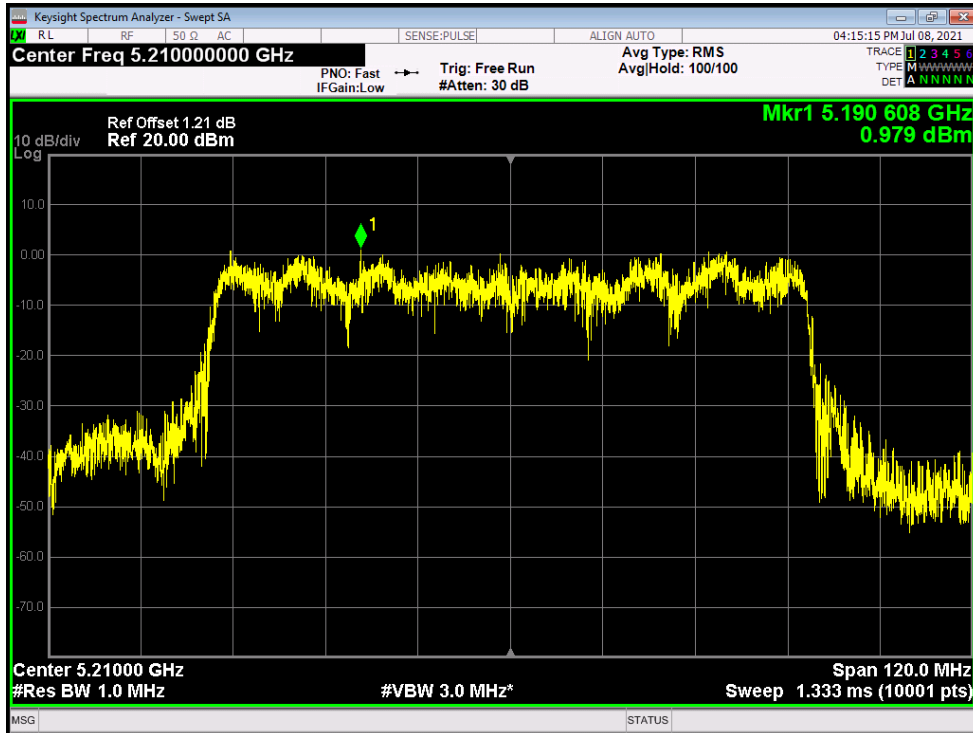
PSD NVNT ac40 5230MHz Ant2



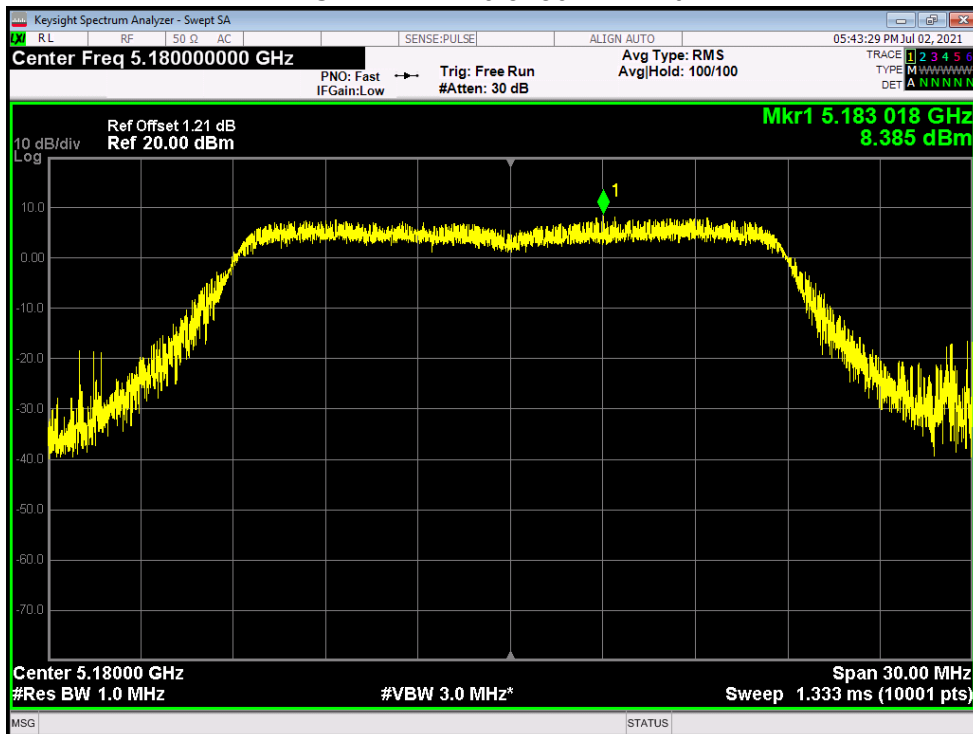
PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5210MHz Ant2

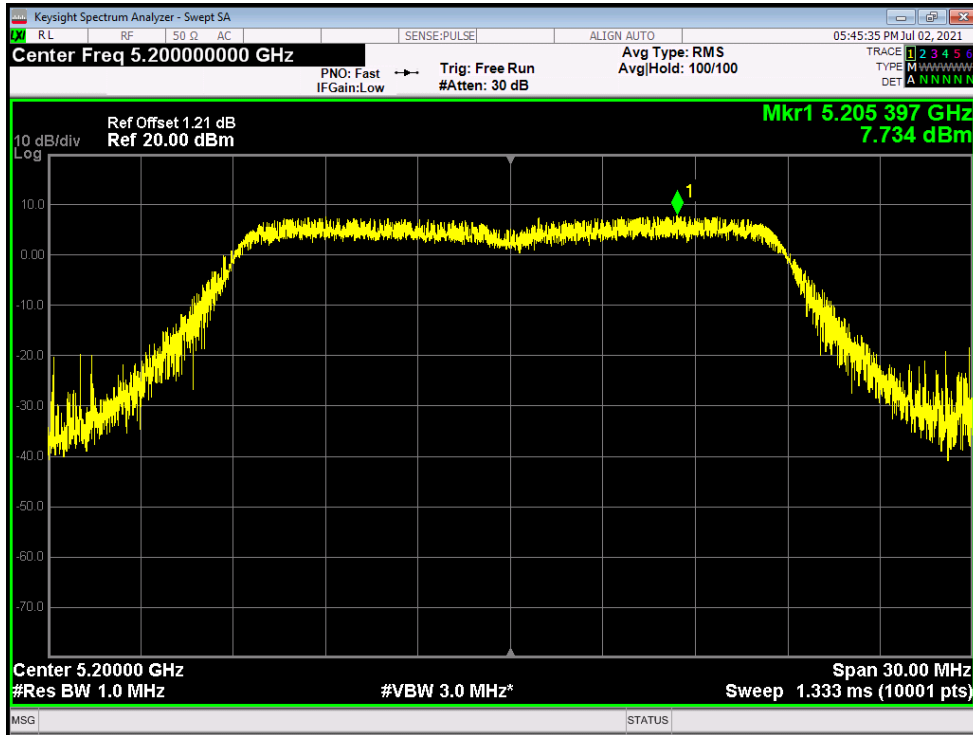


PSD NVNT n20 5180MHz Ant1

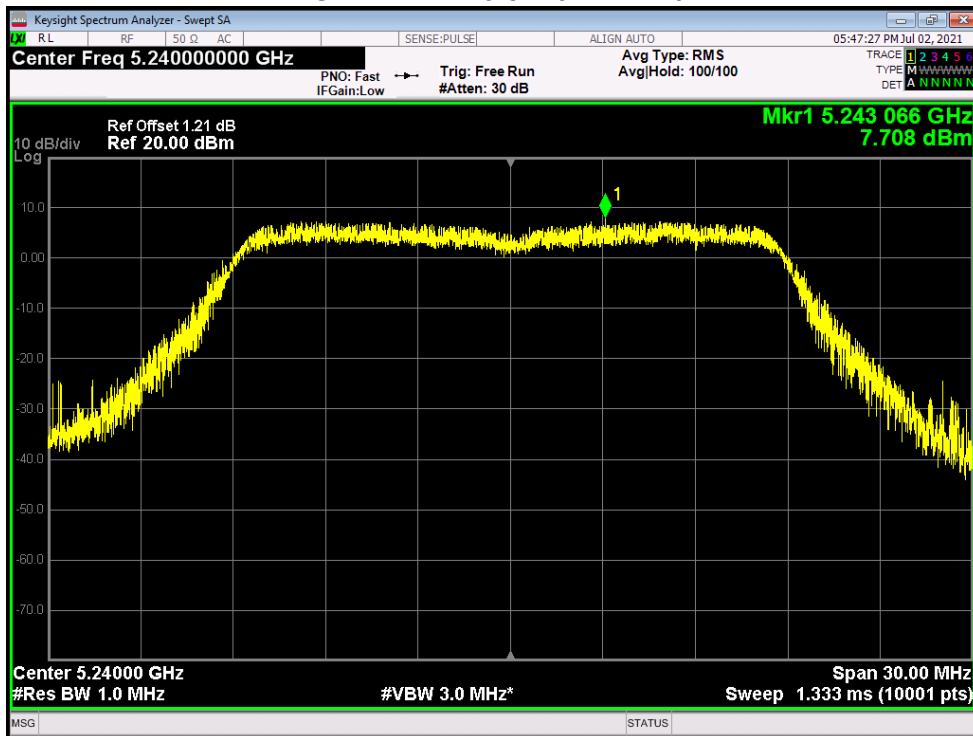




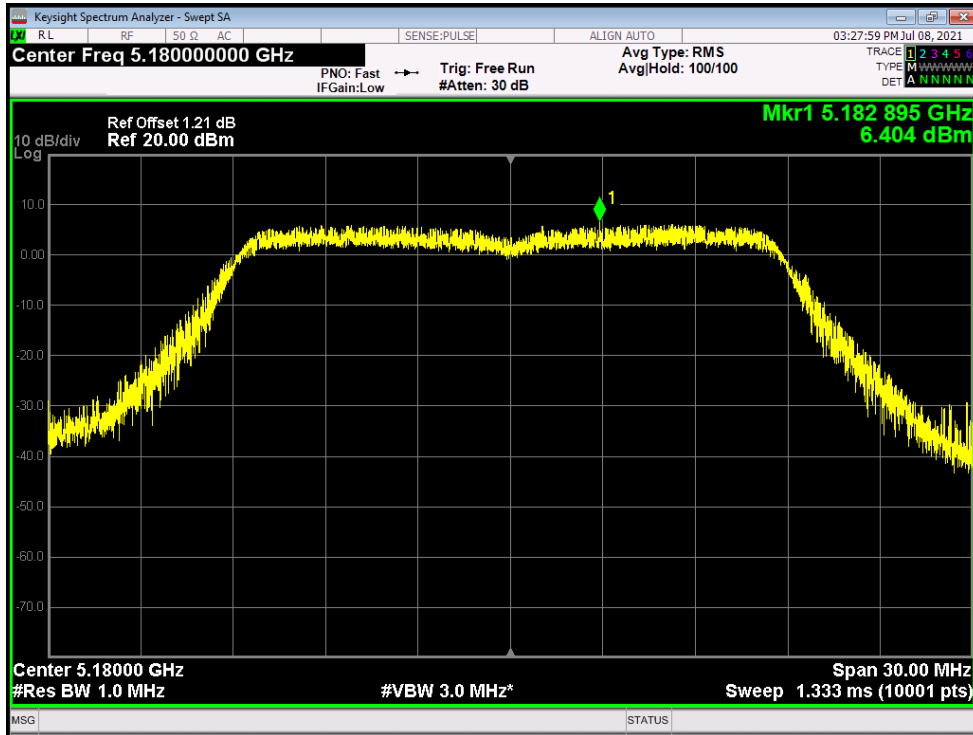
### PSD NVNT n20 5200MHz Ant1



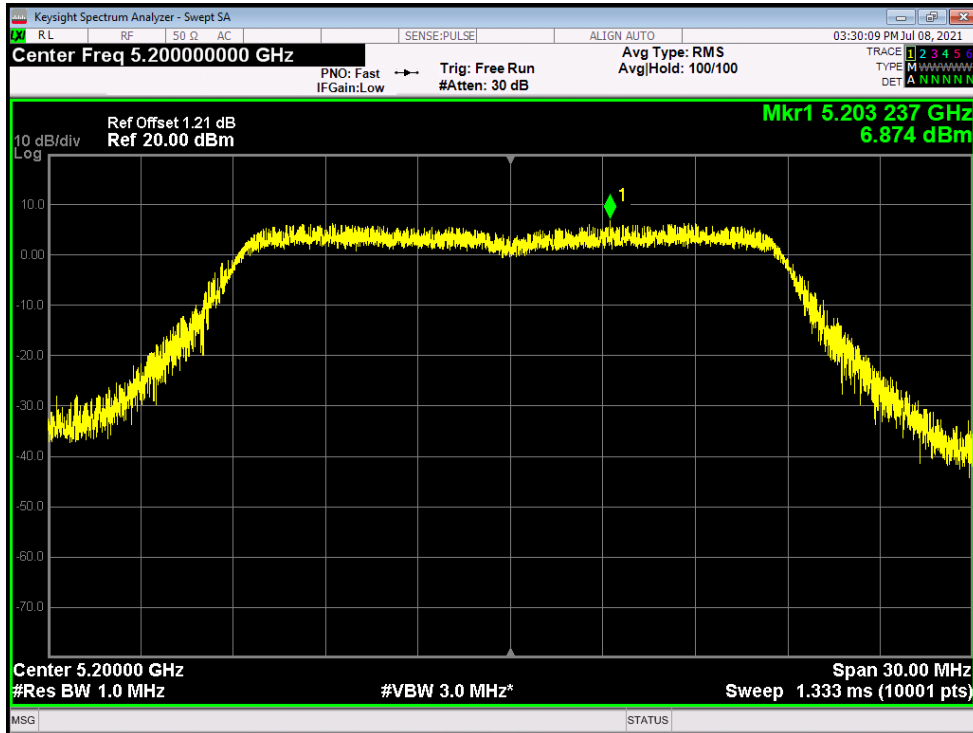
### PSD NVNT n20 5240MHz Ant1



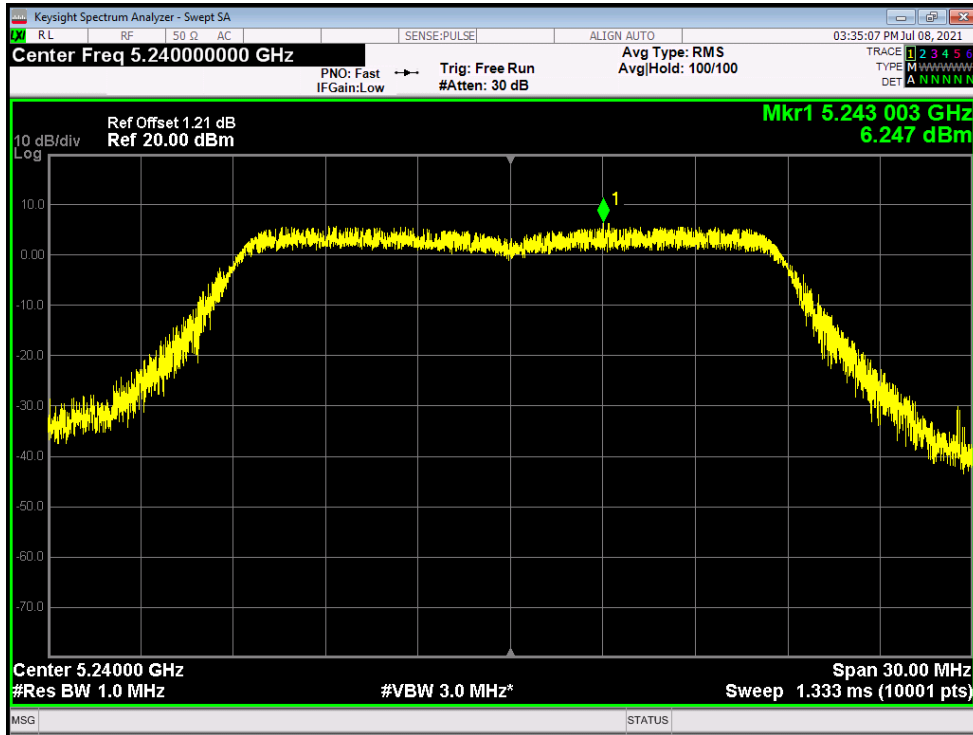
### PSD NVNT n20 5180MHz Ant2



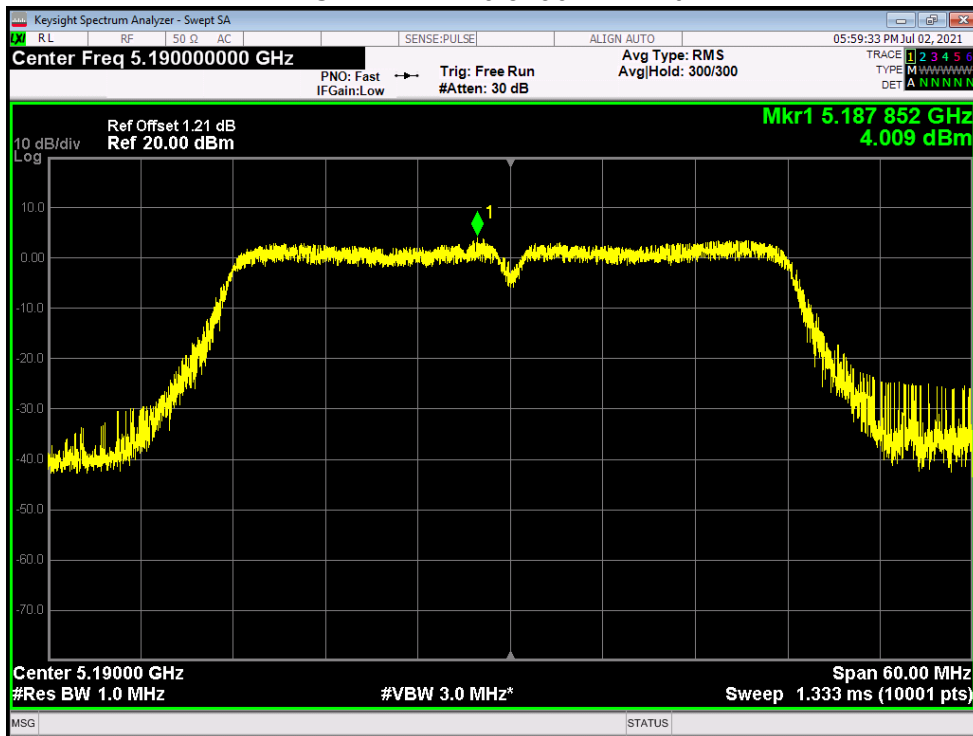
### PSD NVNT n20 5200MHz Ant2



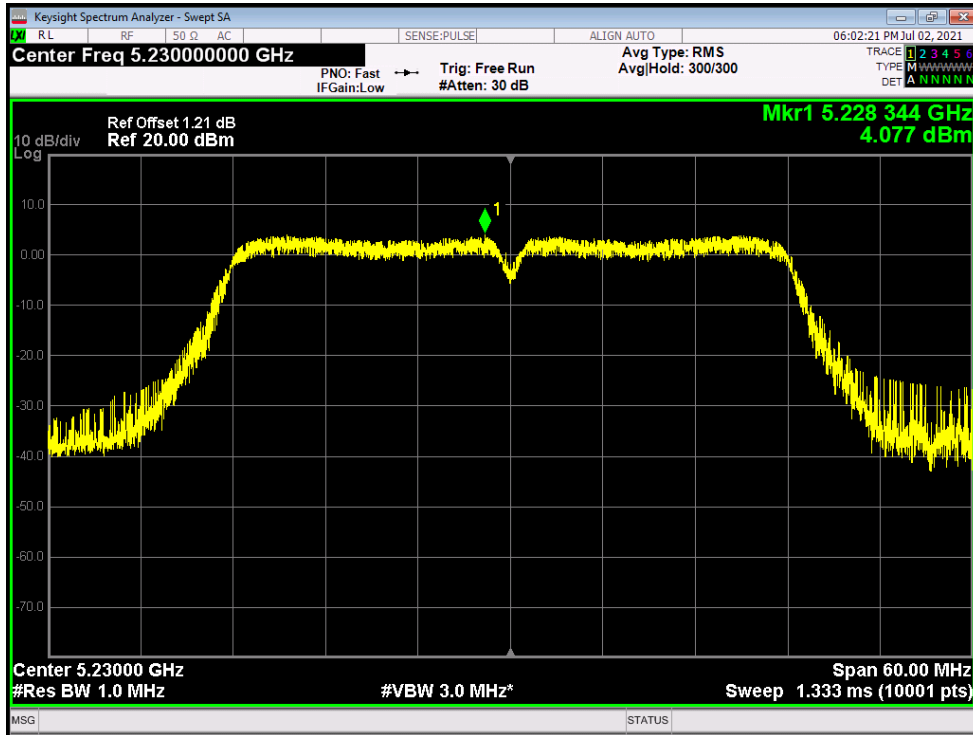
### PSD NVNT n20 5240MHz Ant2



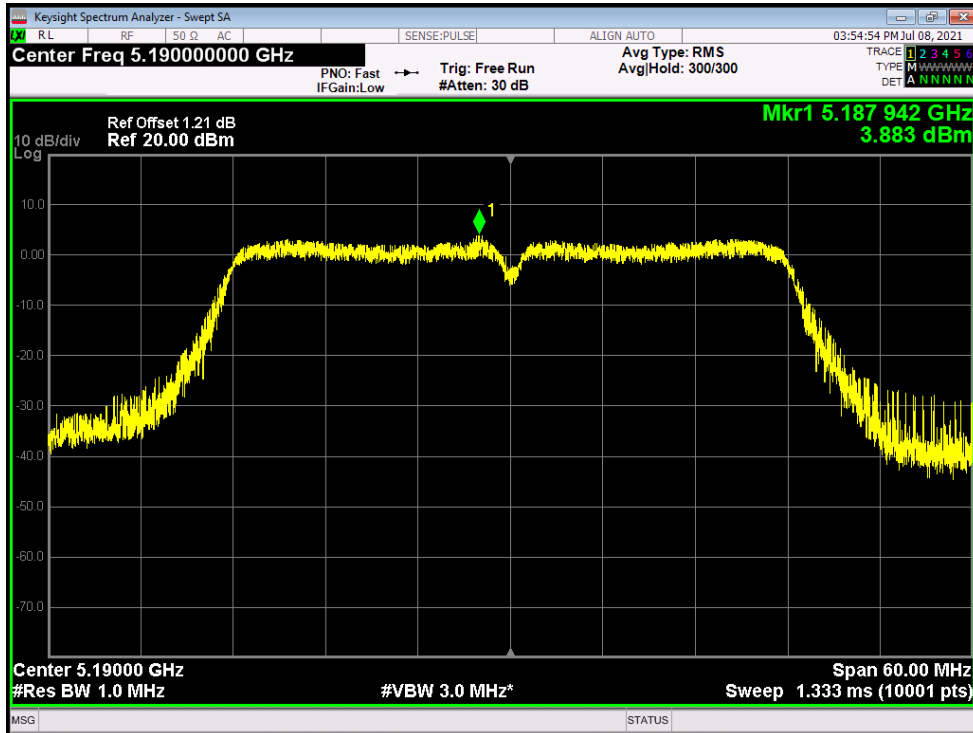
### PSD NVNT n40 5190MHz Ant1



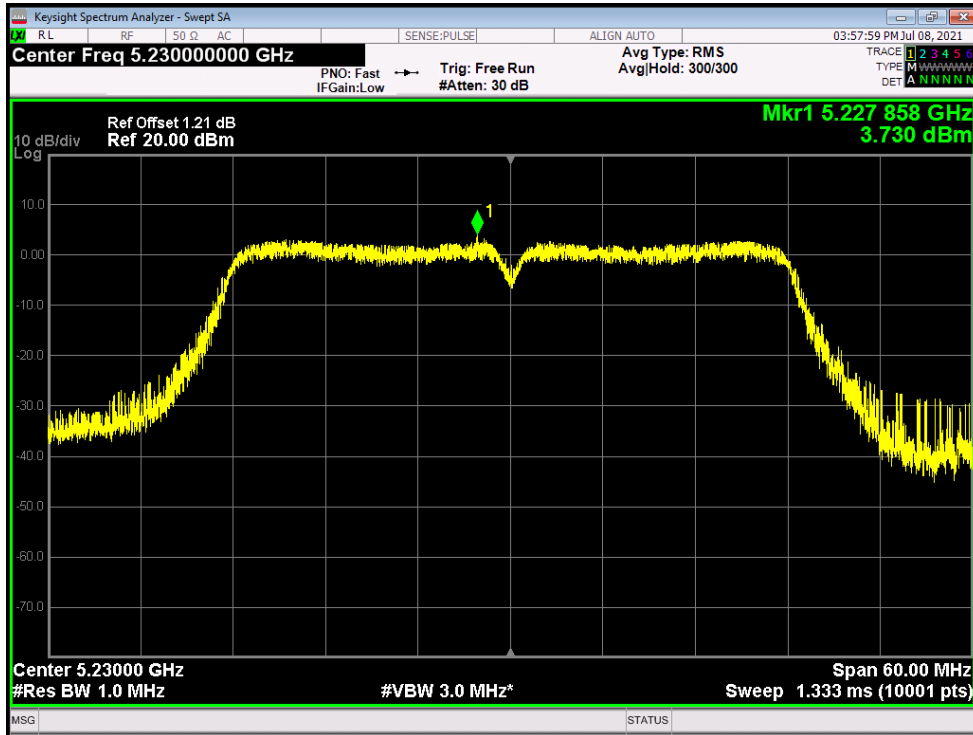
### PSD NVNT n40 5230MHz Ant1



### PSD NVNT n40 5190MHz Ant2



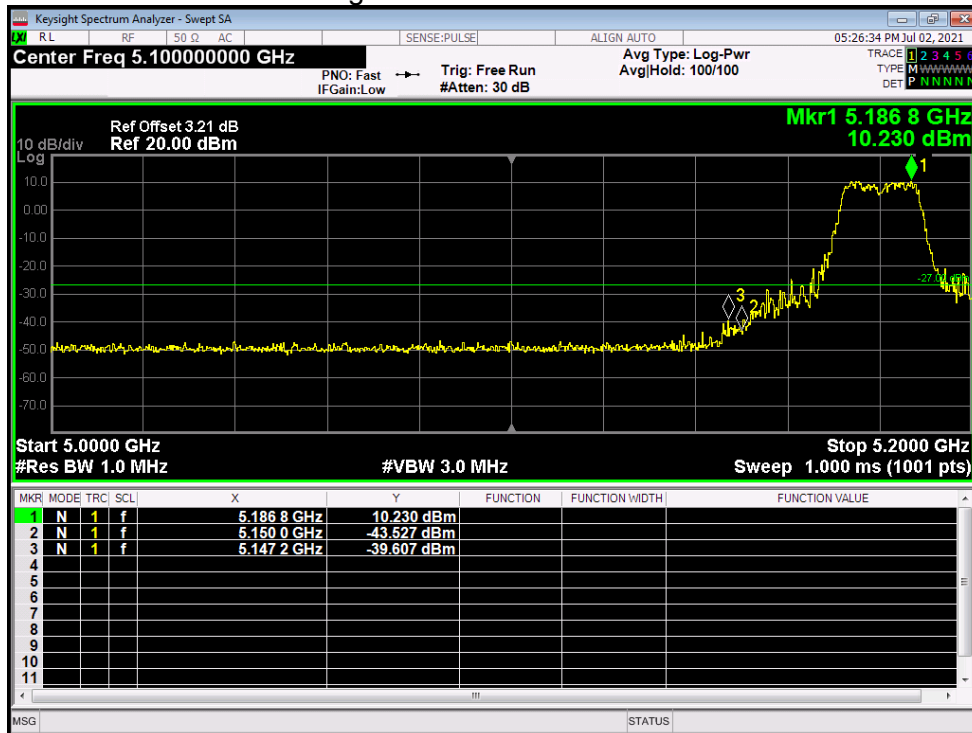
PSD NVNT n40 5230MHz Ant2



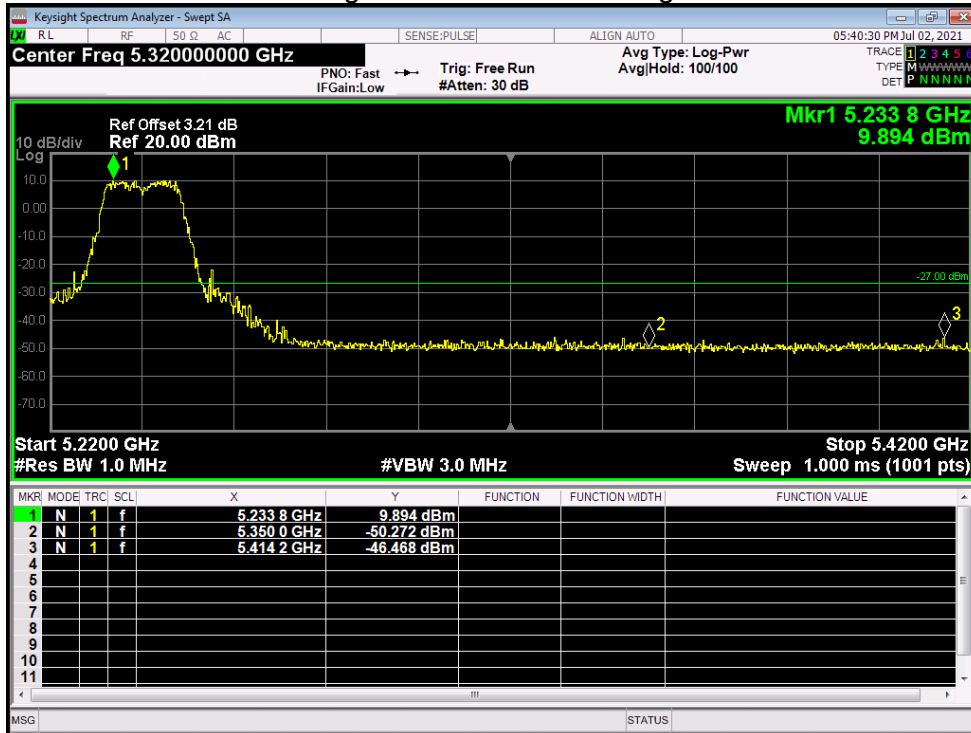
5.1.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-39.6	-27	Pass
NVNT	a	5240	Ant1	-46.46	-27	Pass
NVNT	a	5180	Ant2	-42.11	-27	Pass
NVNT	a	5240	Ant2	-46.29	-27	Pass
NVNT	ac20	5180	Ant1	-36.67	-27	Pass
NVNT	ac20	5240	Ant1	-46.86	-27	Pass
NVNT	ac20	5180	Ant2	-39.17	-27	Pass
NVNT	ac20	5240	Ant2	-46.81	-27	Pass
NVNT	ac40	5190	Ant1	-32.45	-27	Pass
NVNT	ac40	5230	Ant1	-53.3	-27	Pass
NVNT	ac40	5190	Ant2	-36.06	-27	Pass
NVNT	ac40	5230	Ant2	-52.52	-27	Pass
NVNT	ac80	5210	Ant1	-47.34	-27	Pass
NVNT	ac80	5210	Ant2	-45.19	-27	Pass
NVNT	n20	5180	Ant1	-33.23	-27	Pass
NVNT	n20	5240	Ant1	-46.66	-27	Pass
NVNT	n20	5180	Ant2	-38.09	-27	Pass
NVNT	n20	5240	Ant2	-45.91	-27	Pass
NVNT	n40	5190	Ant1	-36.14	-27	Pass
NVNT	n40	5230	Ant1	-47.5	-27	Pass
NVNT	n40	5190	Ant2	-34.81	-27	Pass
NVNT	n40	5230	Ant2	-47.41	-27	Pass

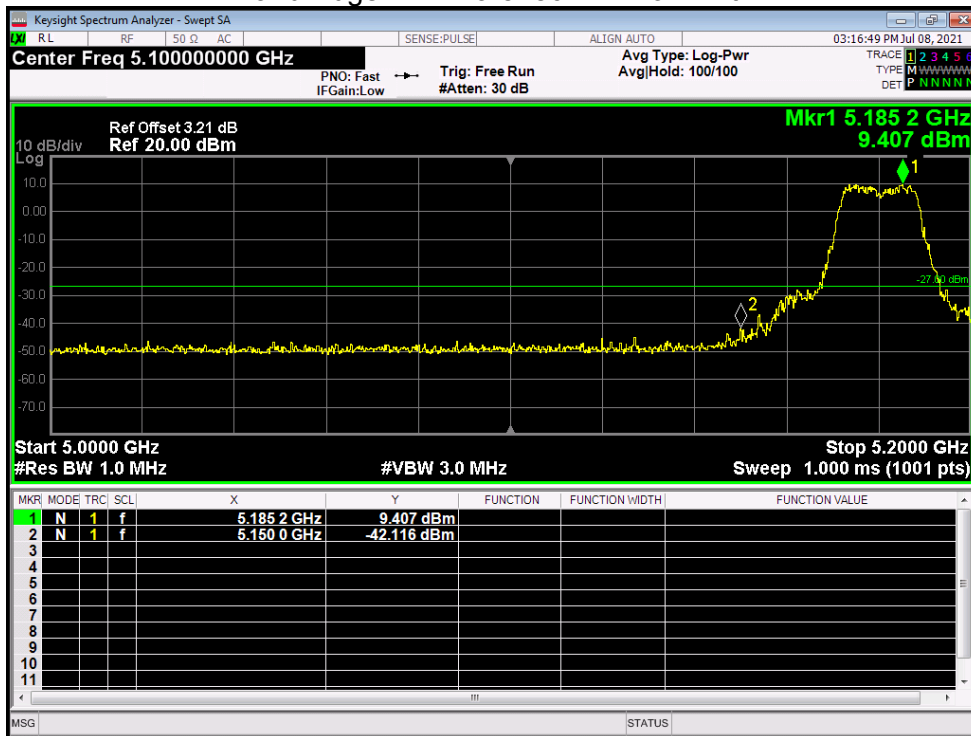
Band Edge NVNT a 5180MHz Low Ant1



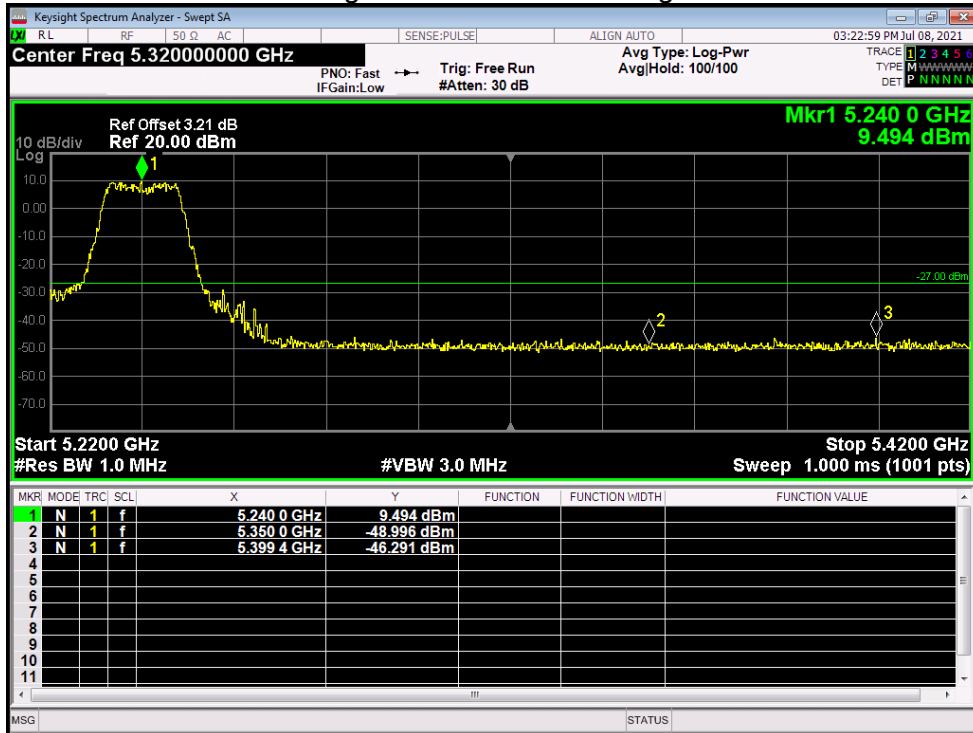
### Band Edge NVNT a 5240MHz High Ant1



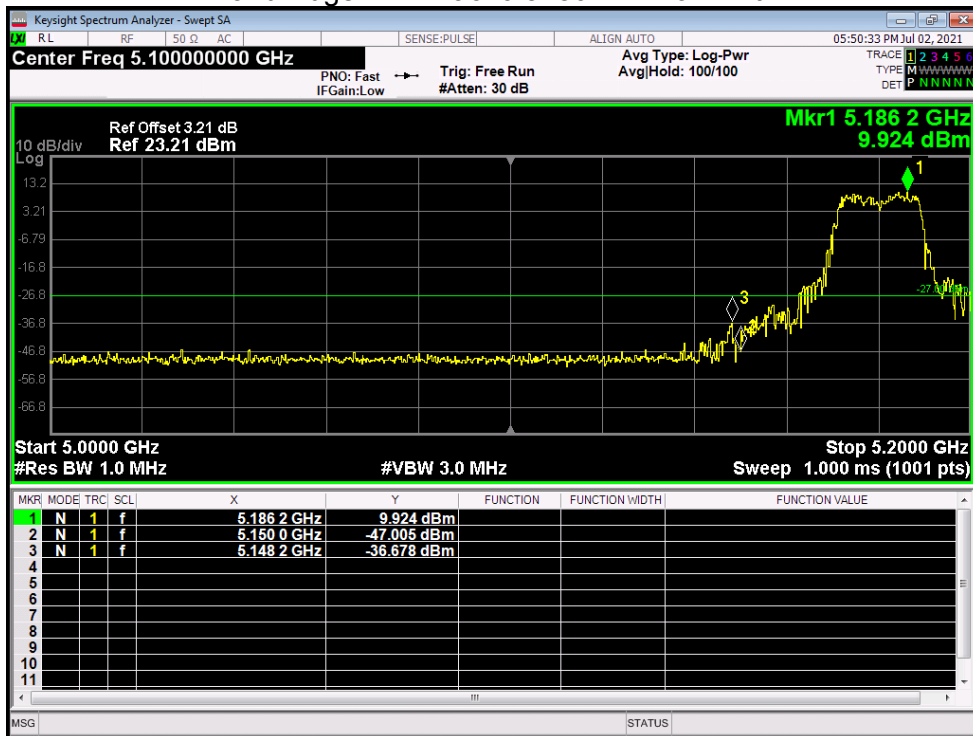
### Band Edge NVNT a 5180MHz Low Ant2



Band Edge NVNT a 5240MHz High Ant2

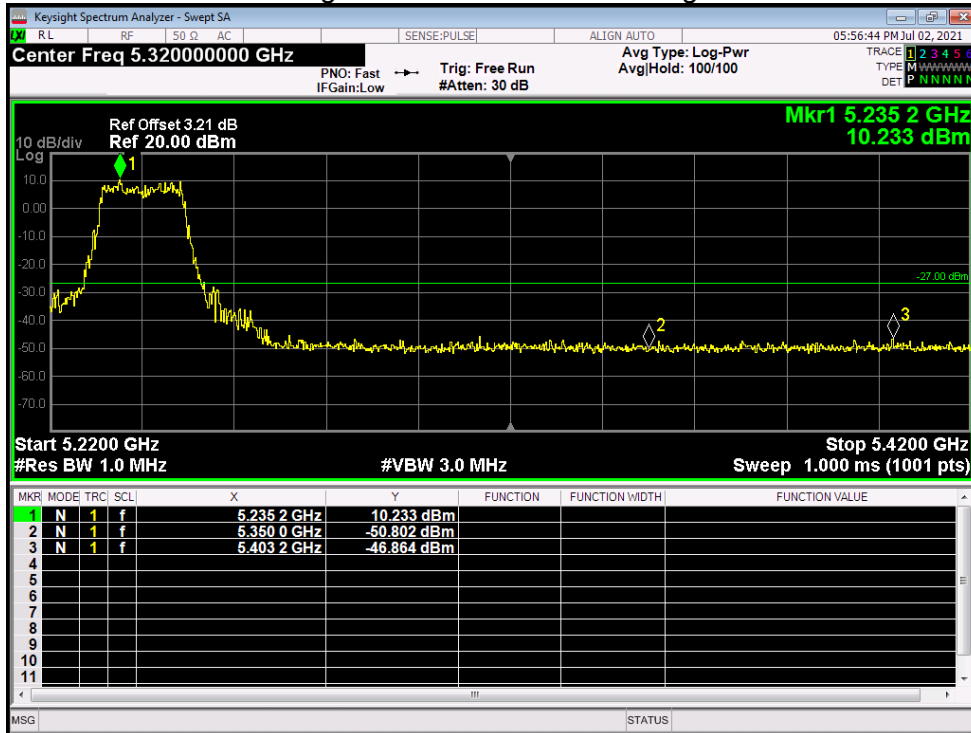


Band Edge NVNT ac20 5180MHz Low Ant1

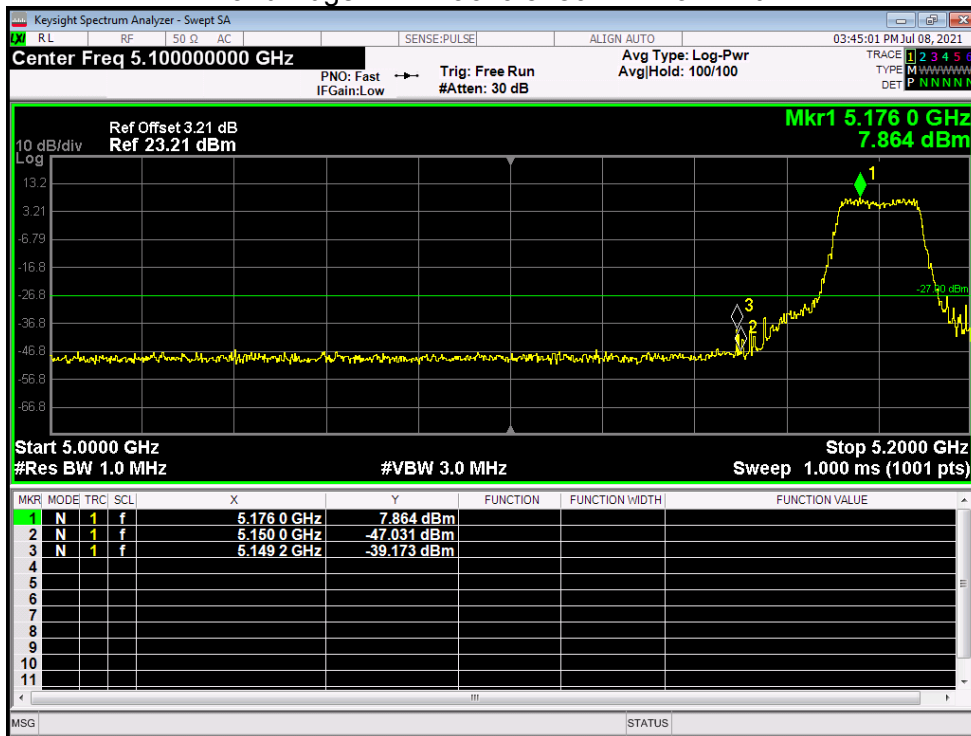




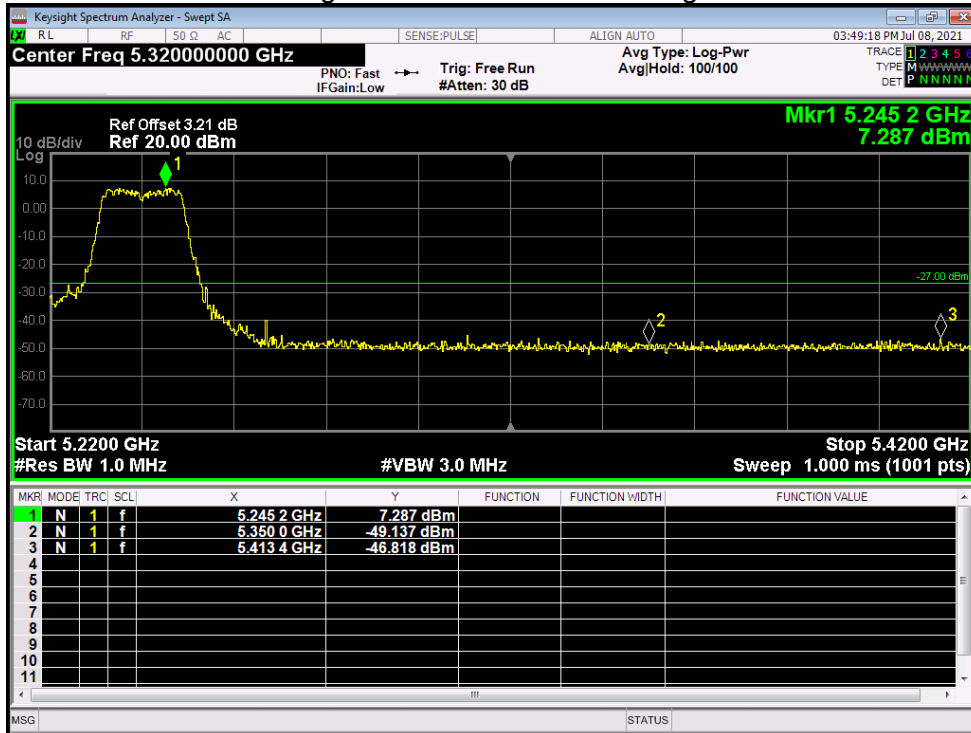
### Band Edge NVNT ac20 5240MHz High Ant1



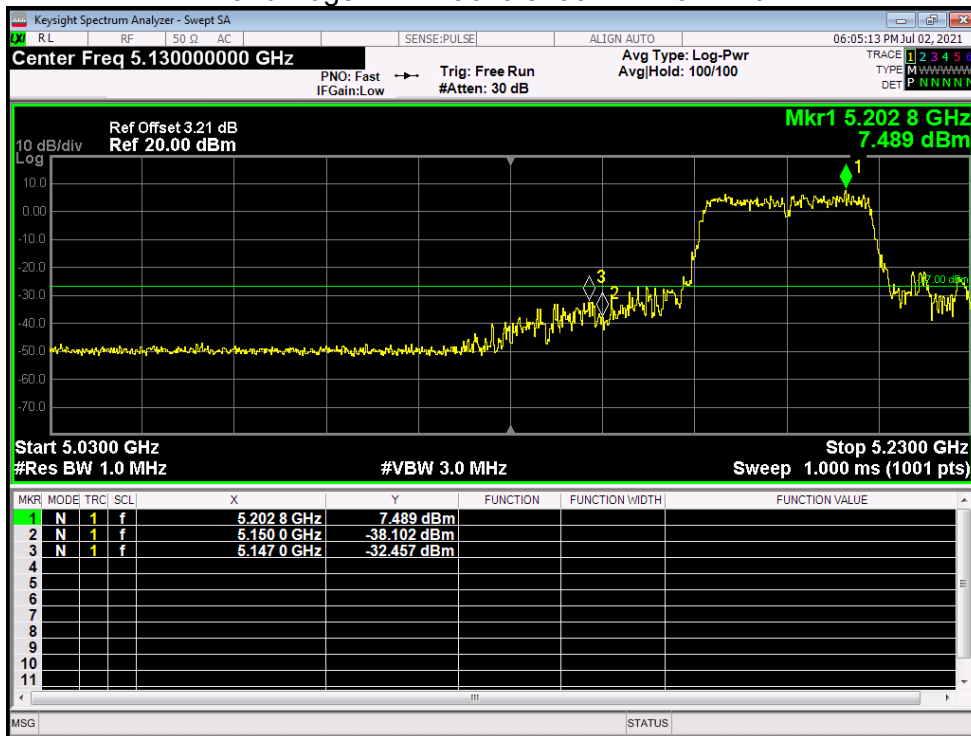
### Band Edge NVNT ac20 5180MHz Low Ant2



### Band Edge NVNT ac20 5240MHz High Ant2



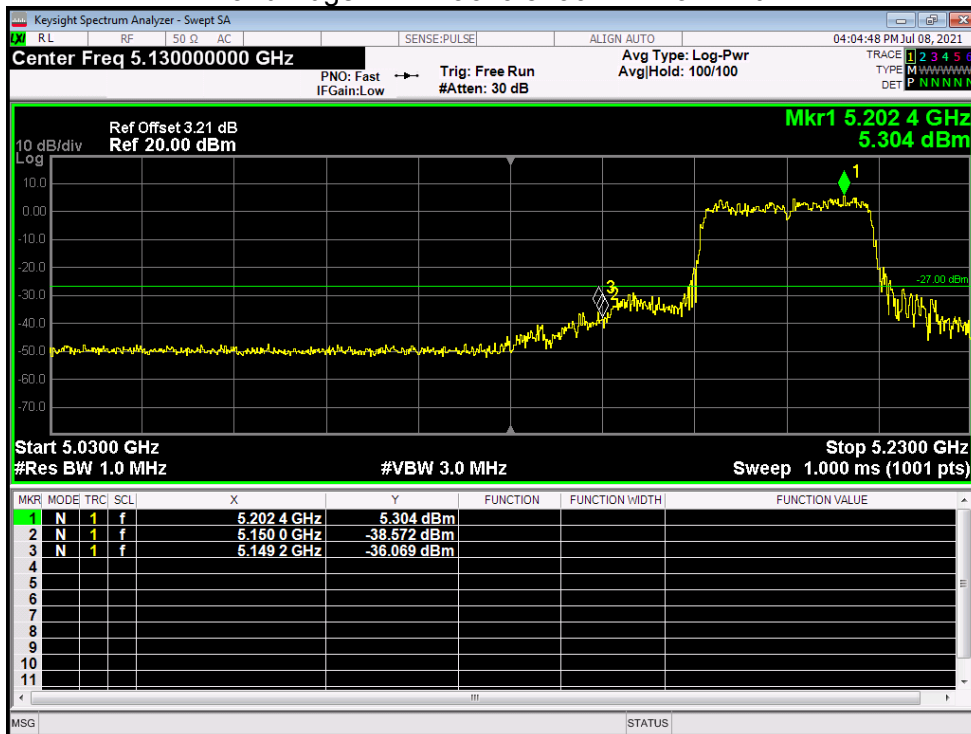
### Band Edge NVNT ac40 5190MHz Low Ant1



### Band Edge NVNT ac40 5230MHz High Ant1



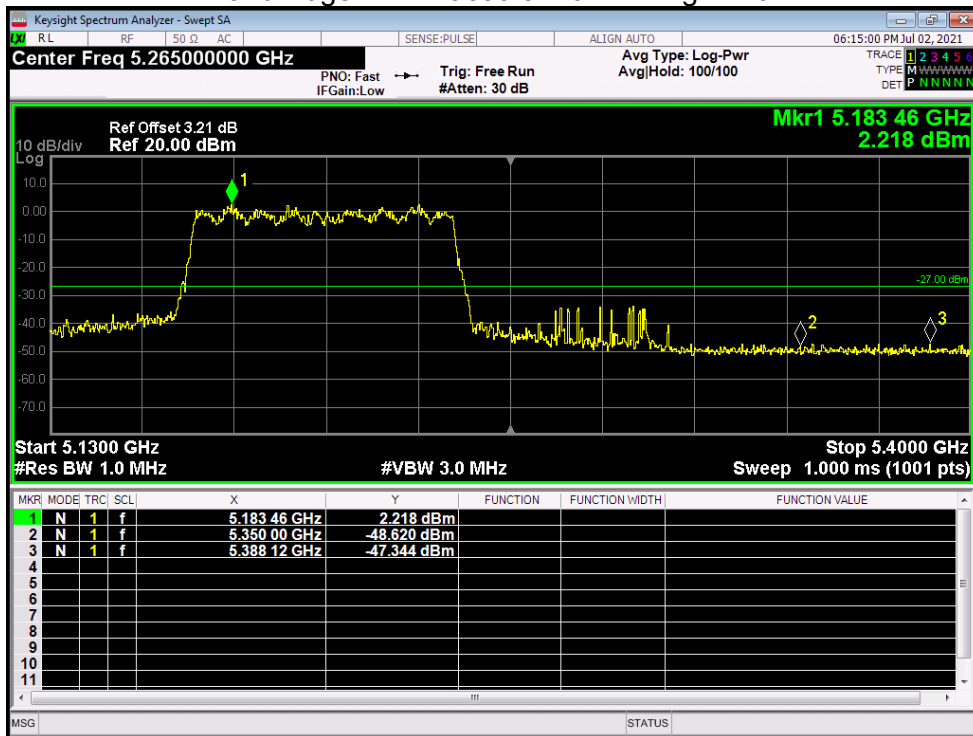
### Band Edge NVNT ac40 5190MHz Low Ant2



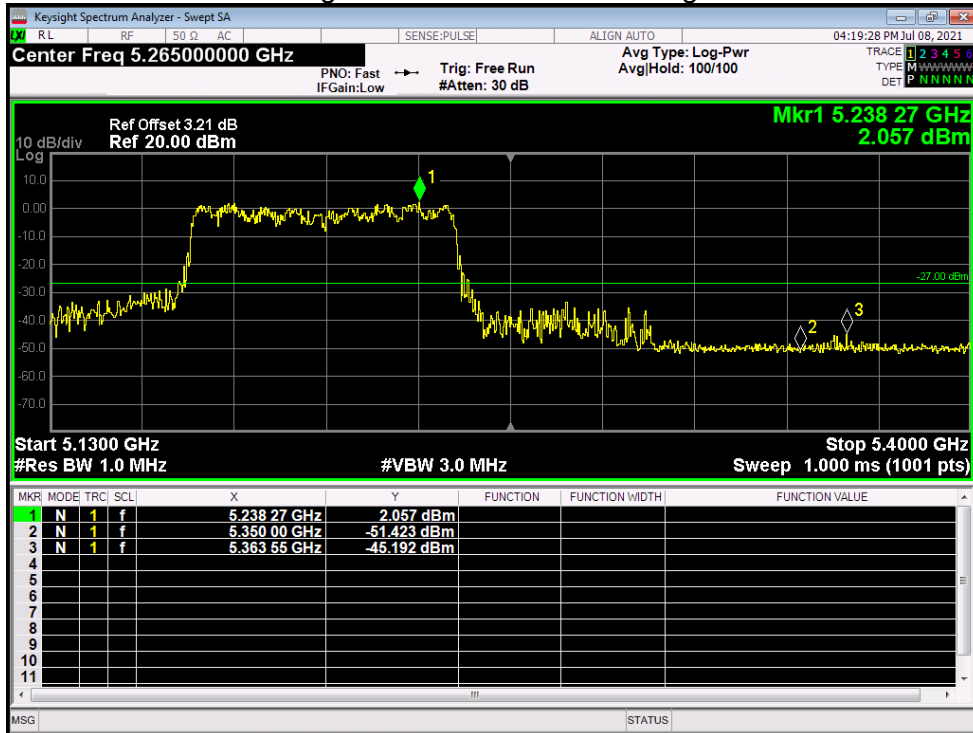
### Band Edge NVNT ac40 5230MHz High Ant2



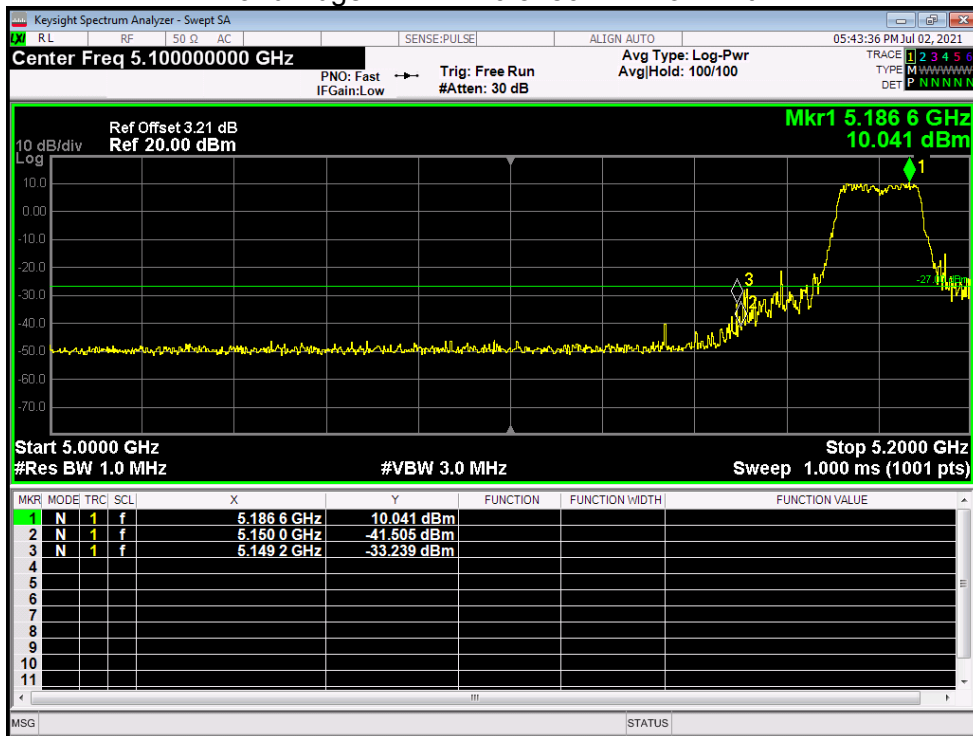
### Band Edge NVNT ac80 5210MHz High Ant1



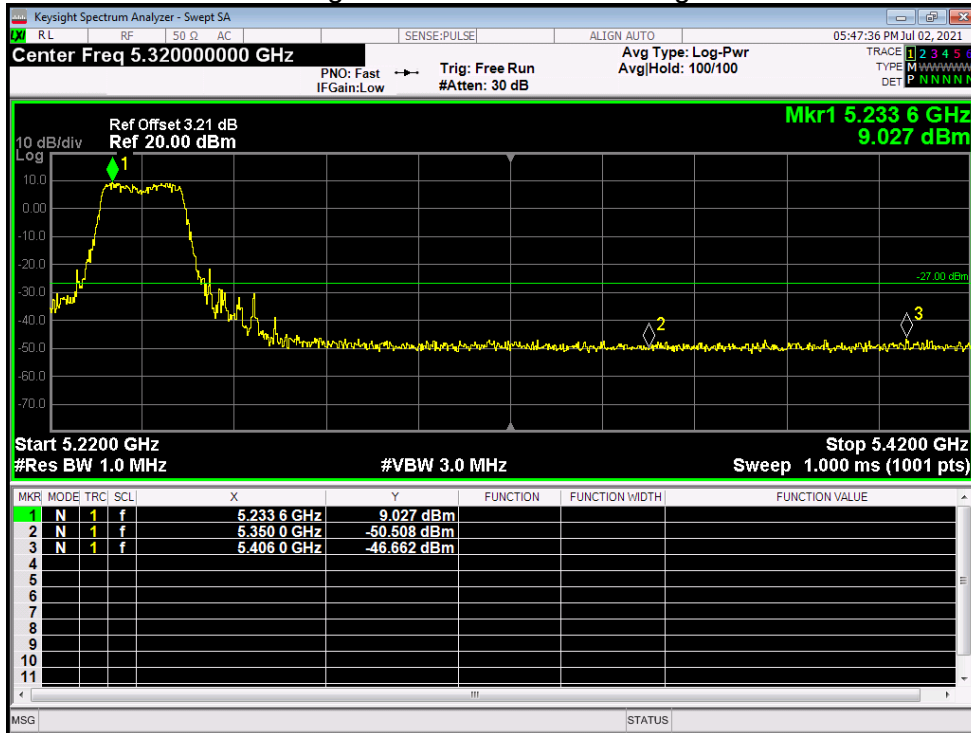
### Band Edge NVNT ac80 5210MHz High Ant2



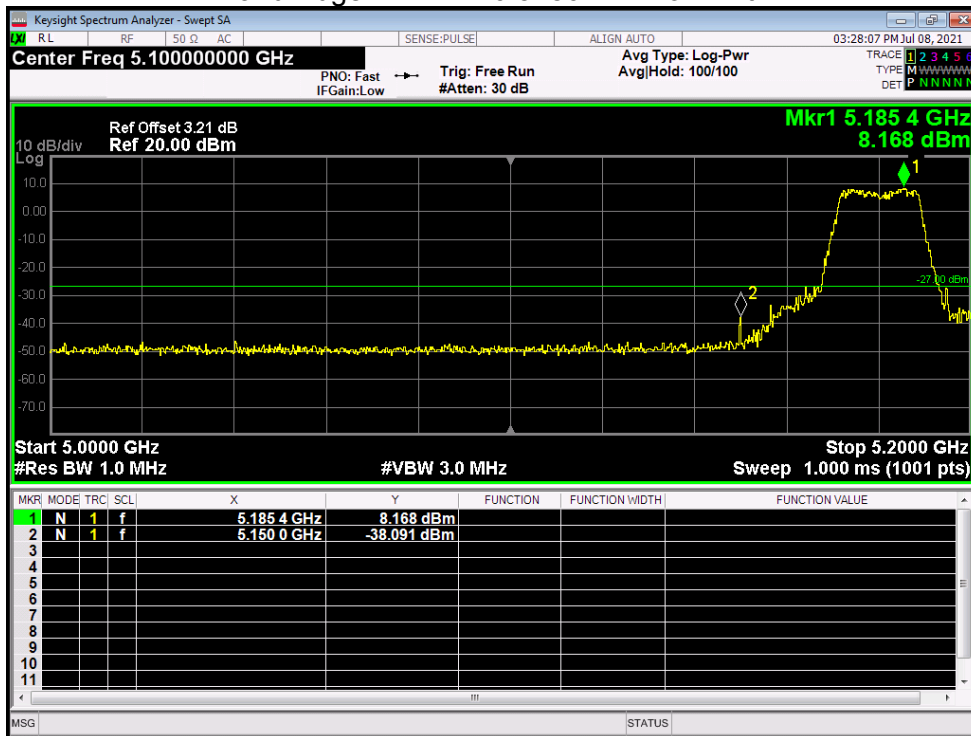
### Band Edge NVNT n20 5180MHz Low Ant1



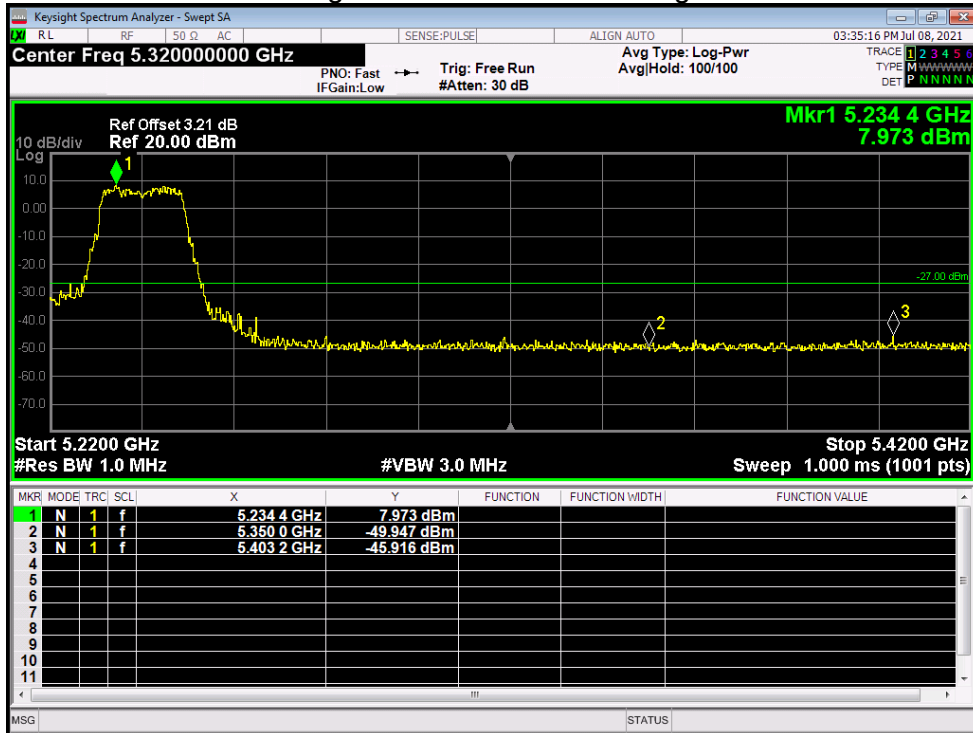
Band Edge NVNT n20 5240MHz High Ant1



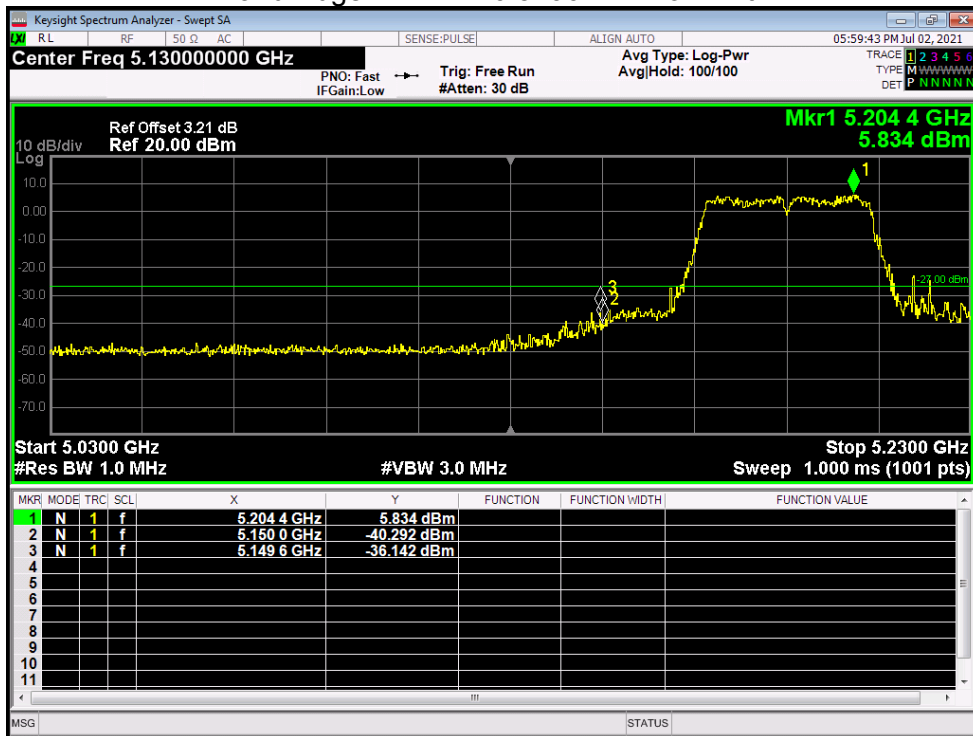
Band Edge NVNT n20 5180MHz Low Ant2



Band Edge NVNT n20 5240MHz High Ant2



Band Edge NVNT n40 5190MHz Low Ant1







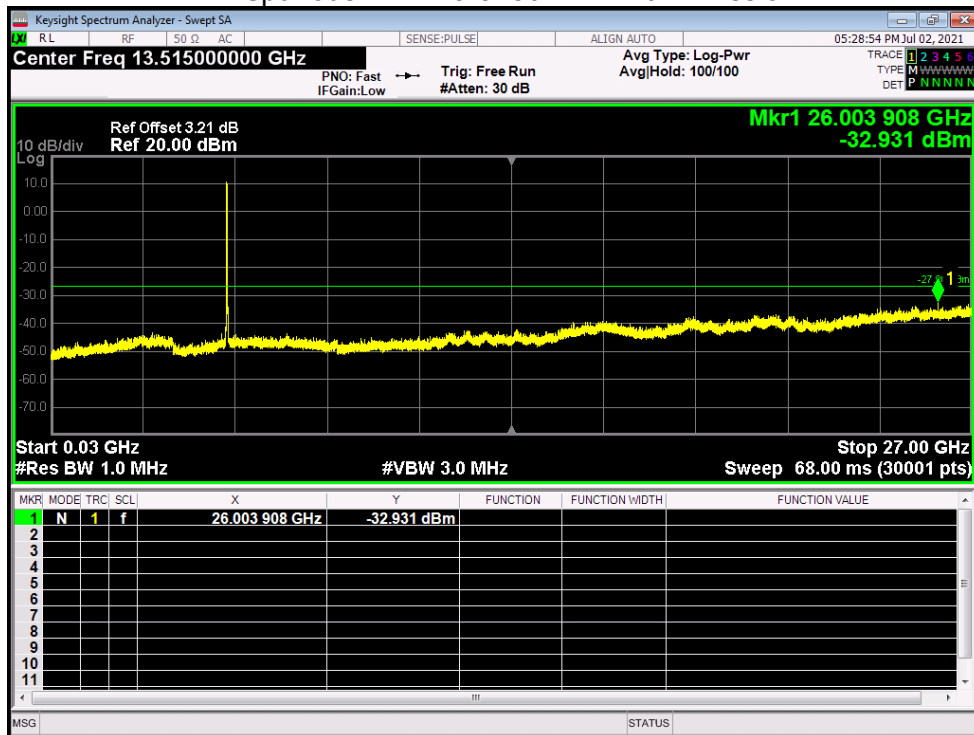
Band Edge NVNT n40 5230MHz High Ant2



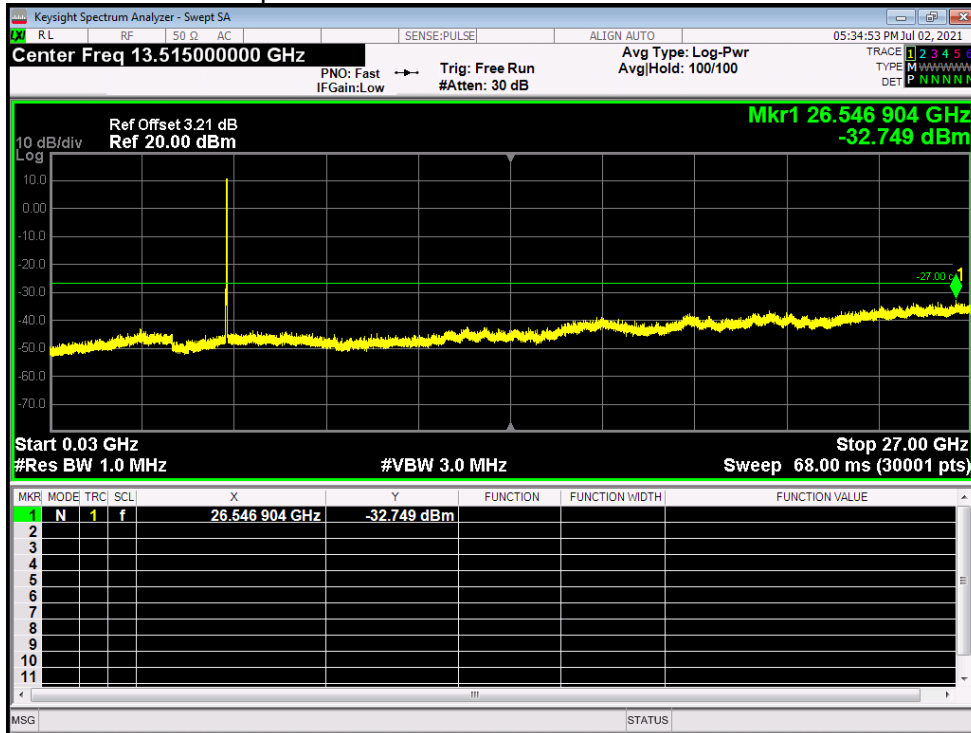
5.1.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-32.93	-27	Pass
NVNT	a	5200	Ant1	-32.74	-27	Pass
NVNT	a	5240	Ant1	-32.92	-27	Pass
NVNT	a	5180	Ant2	-33.56	-27	Pass
NVNT	a	5200	Ant2	-32.86	-27	Pass
NVNT	a	5240	Ant2	-33.96	-27	Pass
NVNT	ac20	5180	Ant1	-43.14	-27	Pass
NVNT	ac20	5200	Ant1	-43.56	-27	Pass
NVNT	ac20	5240	Ant1	-42.94	-27	Pass
NVNT	ac20	5180	Ant2	-43.39	-27	Pass
NVNT	ac20	5200	Ant2	-43.27	-27	Pass
NVNT	ac20	5240	Ant2	-43.7	-27	Pass
NVNT	ac40	5190	Ant1	-42.99	-27	Pass
NVNT	ac40	5230	Ant1	-43.64	-27	Pass
NVNT	ac40	5190	Ant2	-43.23	-27	Pass
NVNT	ac40	5230	Ant2	-43.54	-27	Pass
NVNT	ac80	5210	Ant1	-43.62	-27	Pass
NVNT	ac80	5210	Ant2	-43.18	-27	Pass
NVNT	n20	5180	Ant1	-33.52	-27	Pass
NVNT	n20	5200	Ant1	-33.74	-27	Pass
NVNT	n20	5240	Ant1	-33.16	-27	Pass
NVNT	n20	5180	Ant2	-33.09	-27	Pass
NVNT	n20	5200	Ant2	-33.26	-27	Pass
NVNT	n20	5240	Ant2	-33.14	-27	Pass
NVNT	n40	5190	Ant1	-33.27	-27	Pass
NVNT	n40	5230	Ant1	-33.19	-27	Pass
NVNT	n40	5190	Ant2	-33.2	-27	Pass
NVNT	n40	5230	Ant2	-33.69	-27	Pass

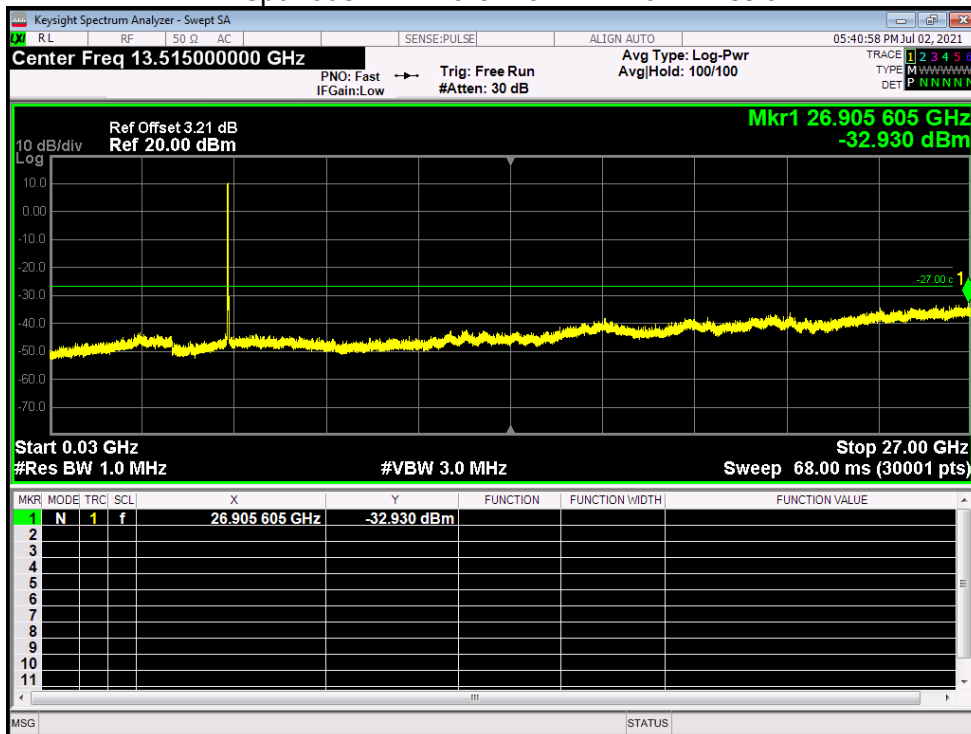
Tx. Spurious NVNT a 5180MHz Ant1 Emission



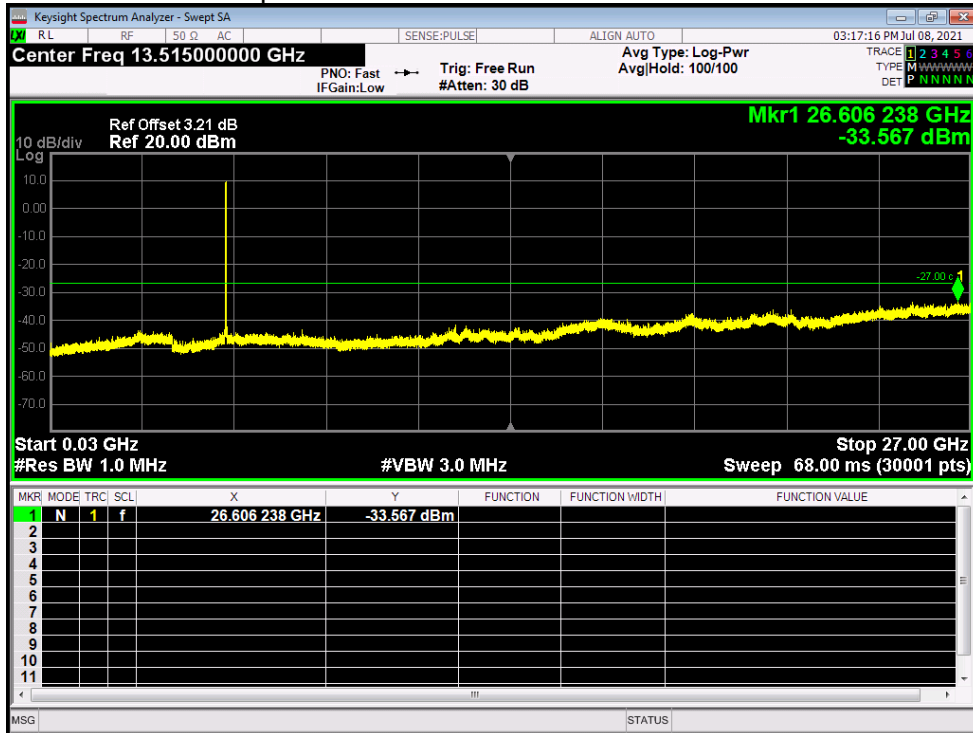
Tx. Spurious NVNT a 5200MHz Ant1 Emission



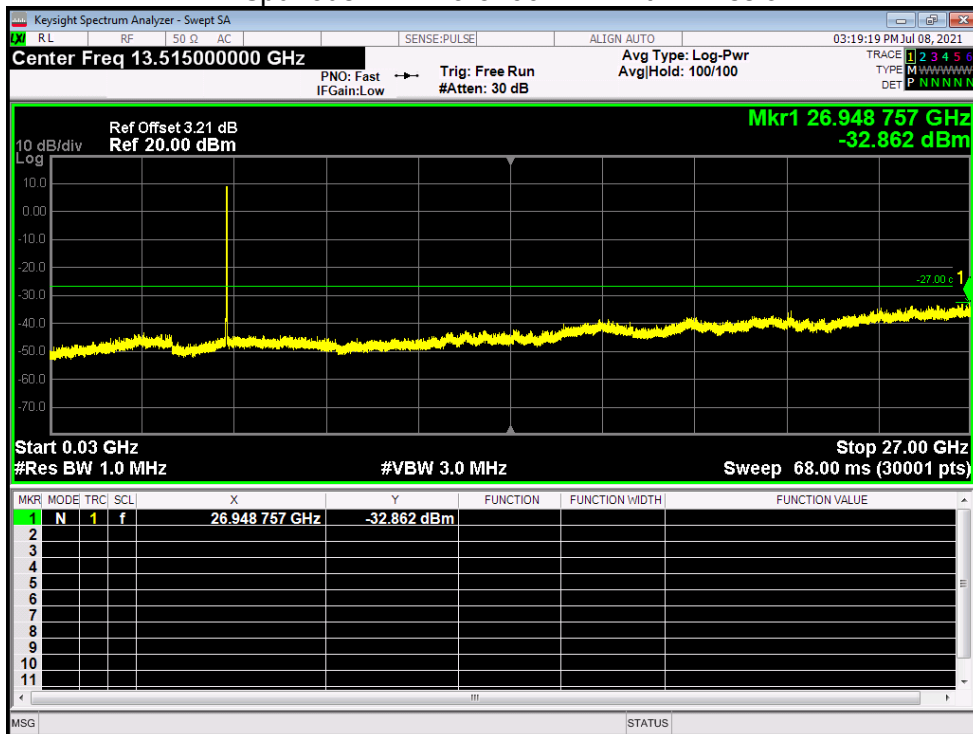
Tx. Spurious NVNT a 5240MHz Ant1 Emission



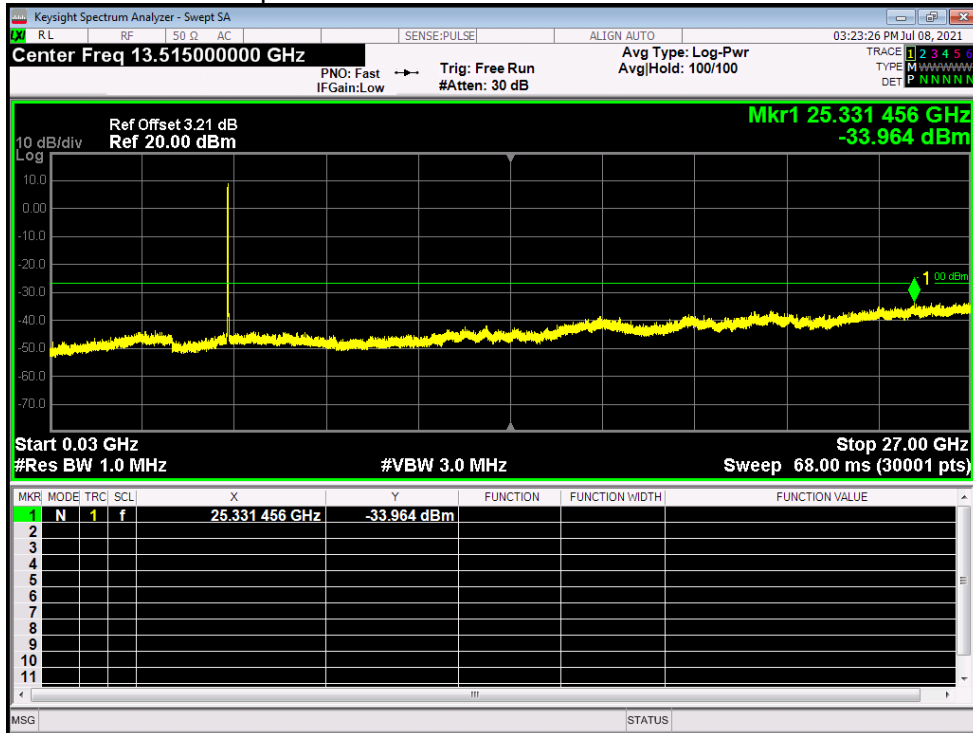
Tx. Spurious NVNT a 5180MHz Ant2 Emission



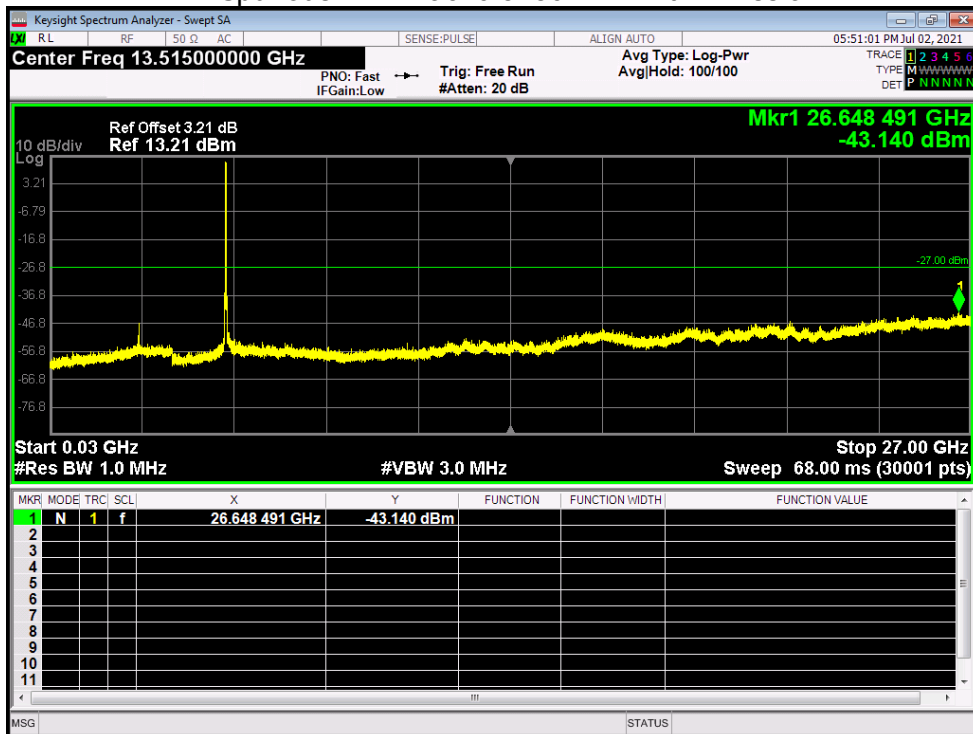
Tx. Spurious NVNT a 5200MHz Ant2 Emission



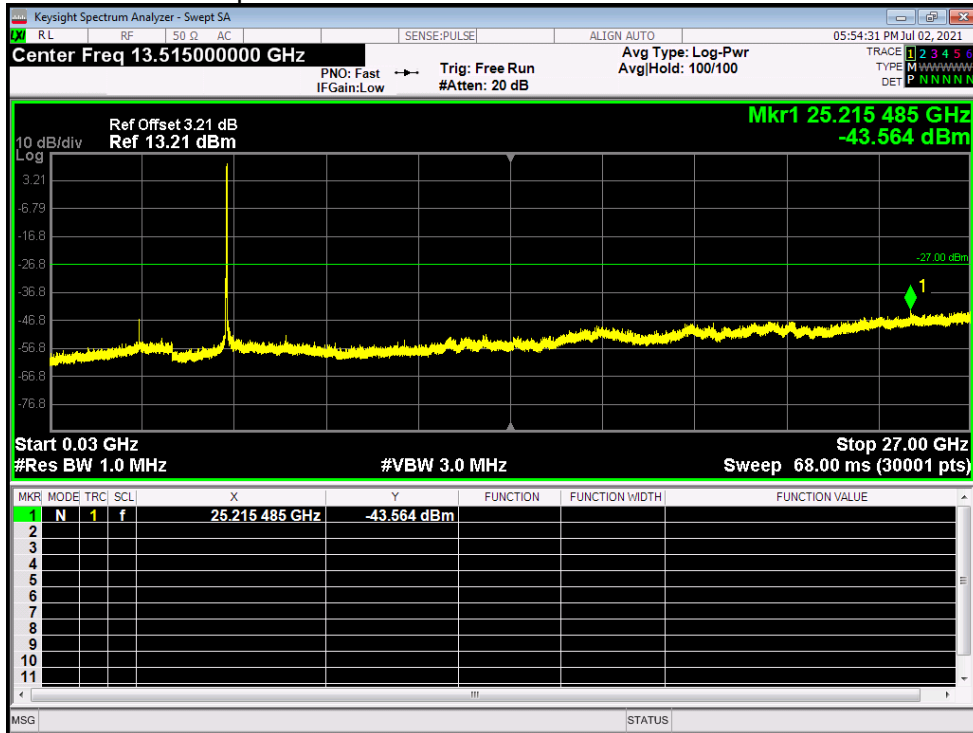
Tx. Spurious NVNT a 5240MHz Ant2 Emission



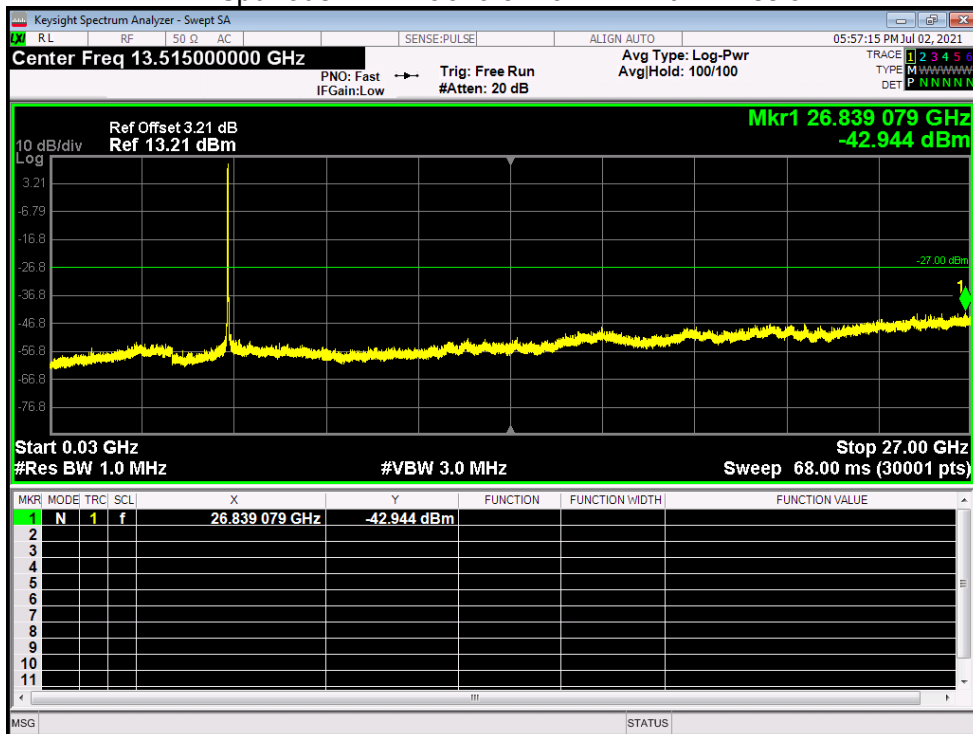
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



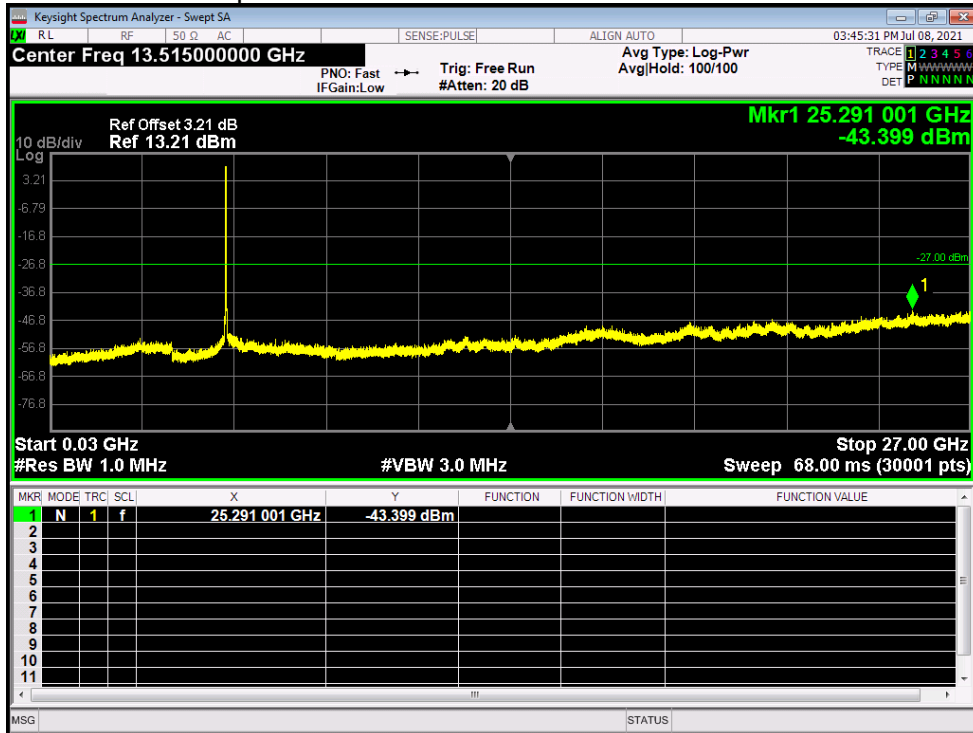
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



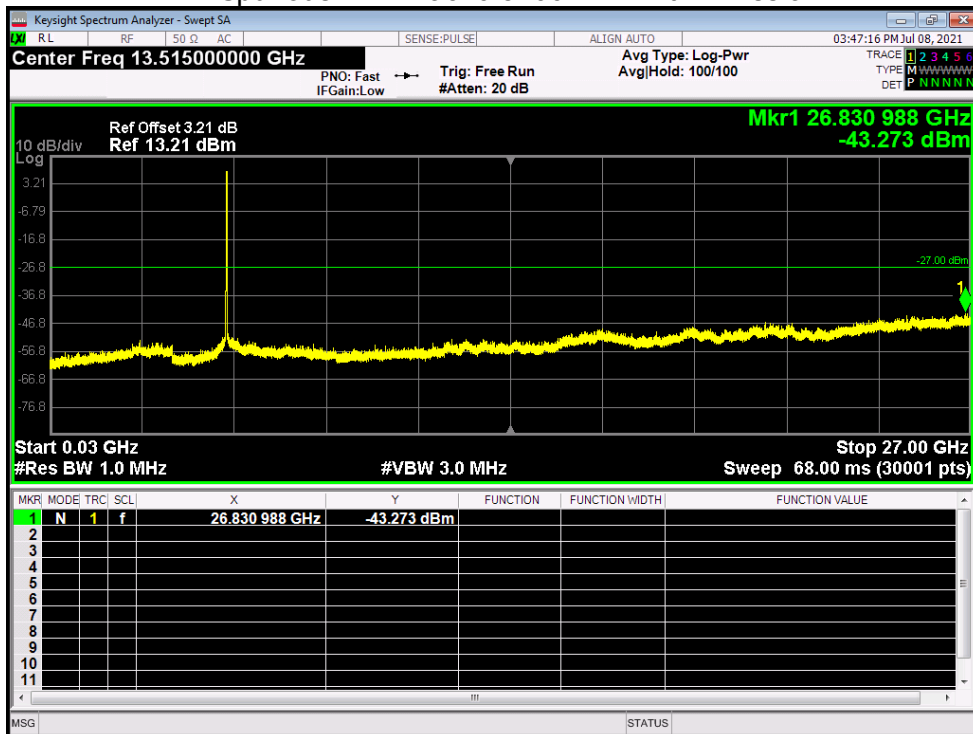
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



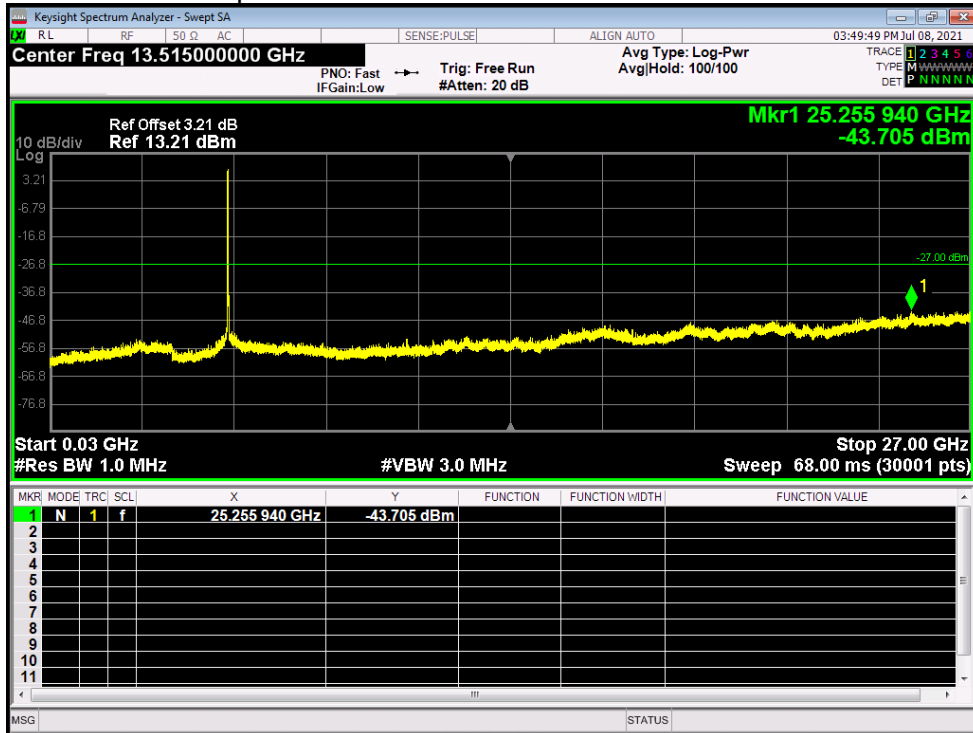
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



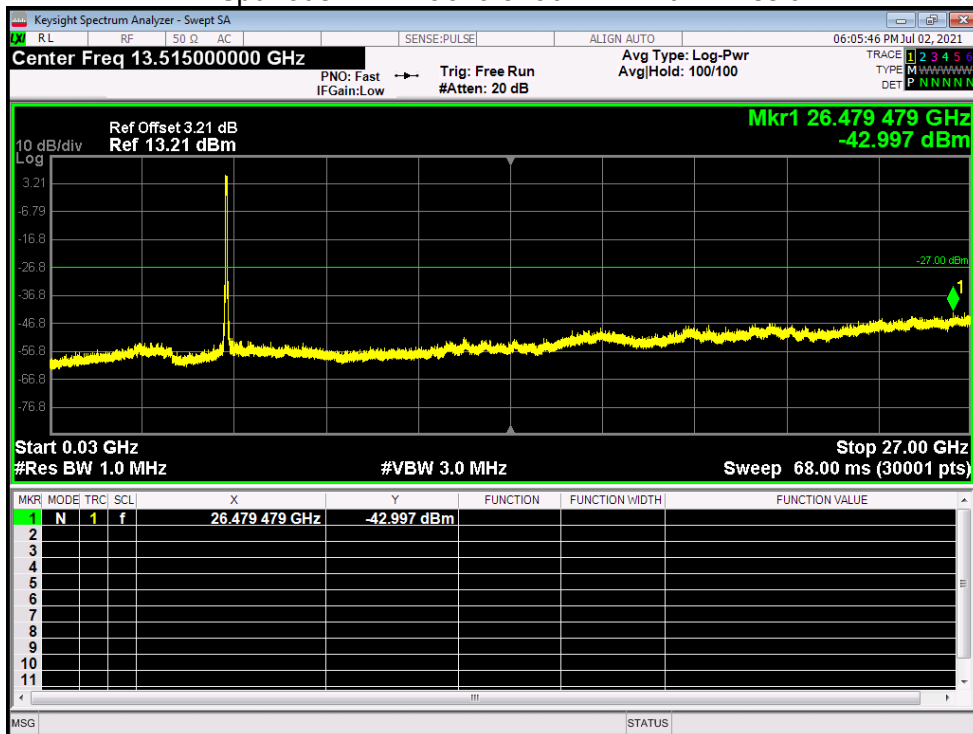
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



Tx. Spurious NVNT ac20 5240MHz Ant2 Emission

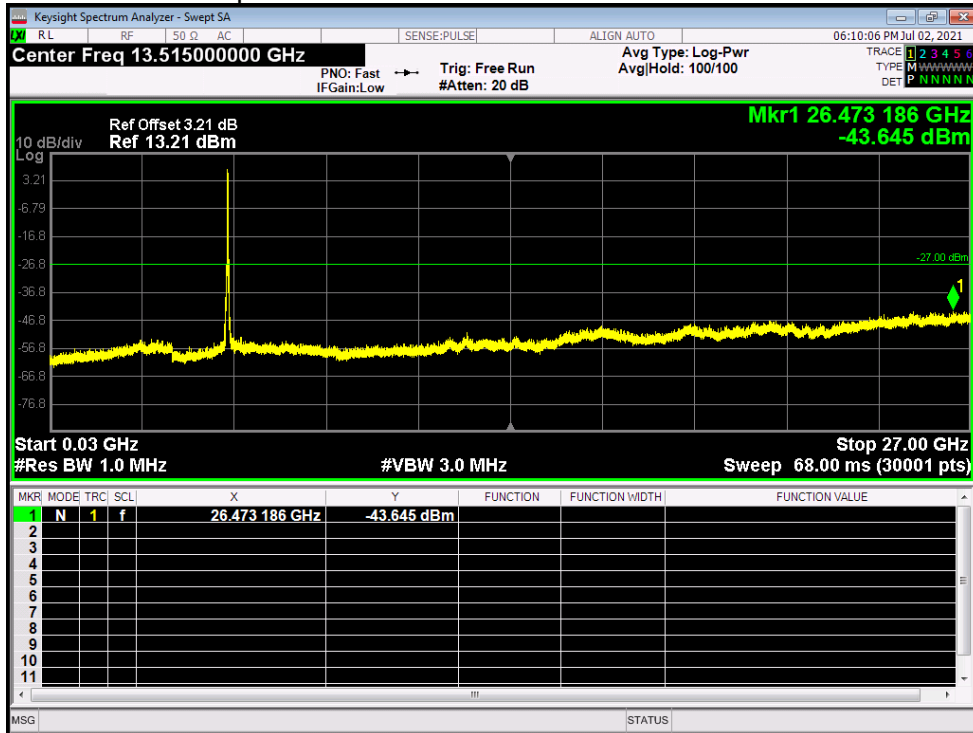


Tx. Spurious NVNT ac40 5190MHz Ant1 Emission

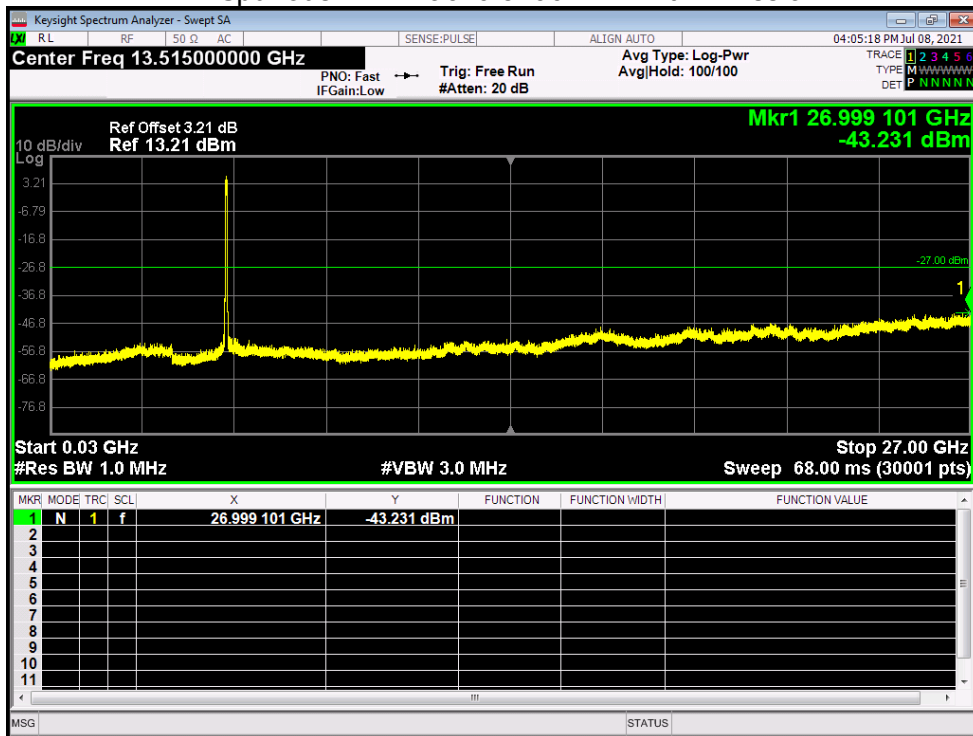




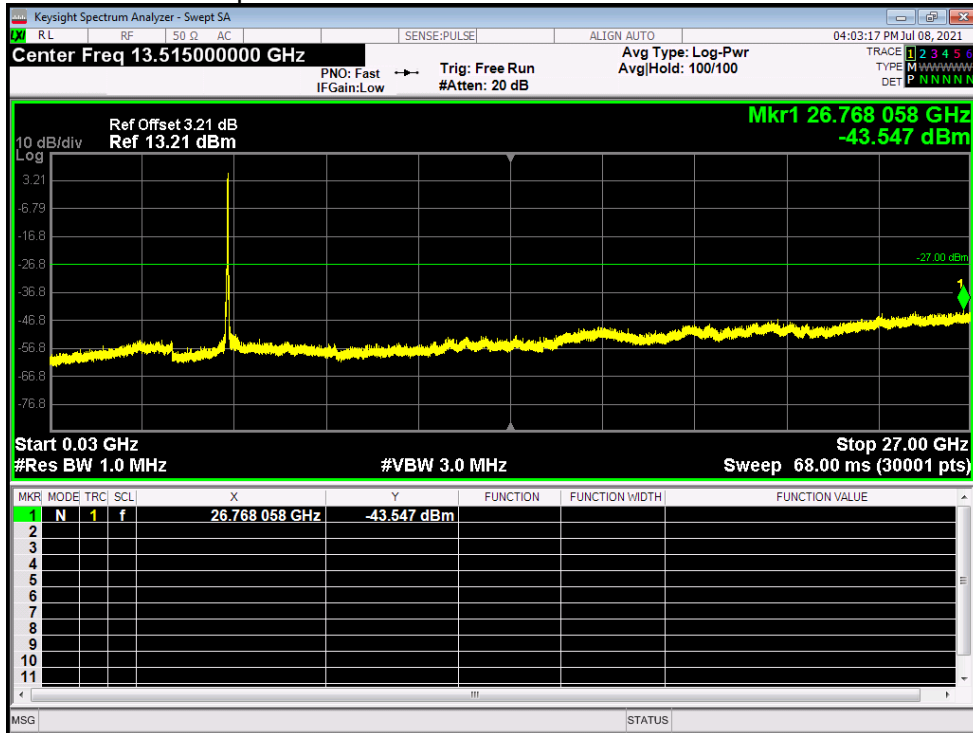
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



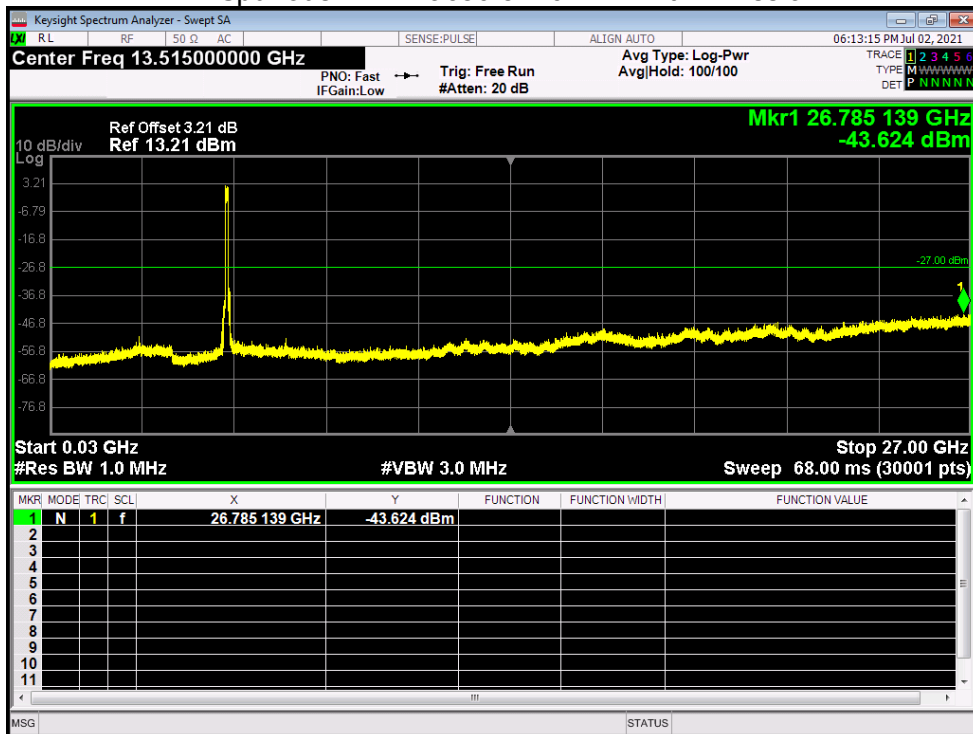
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



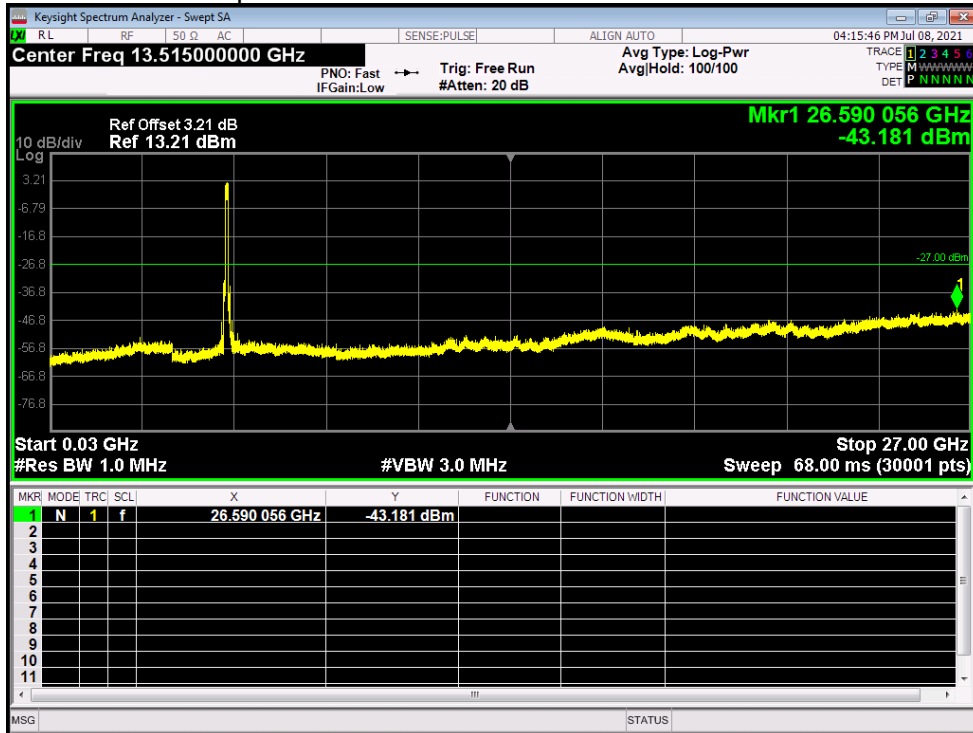
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



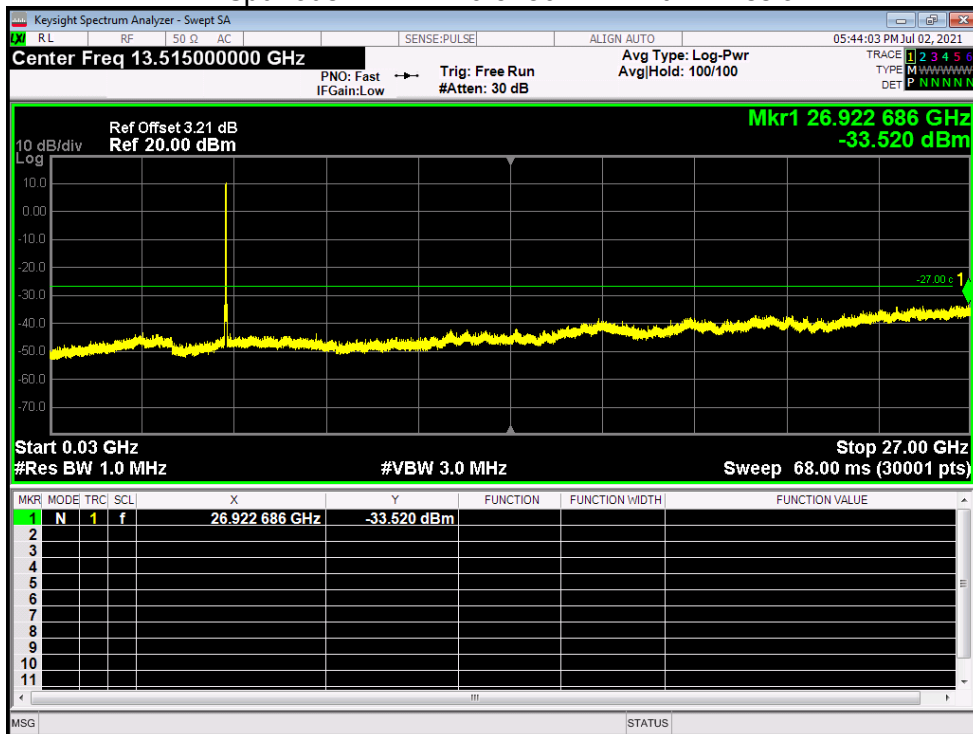
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



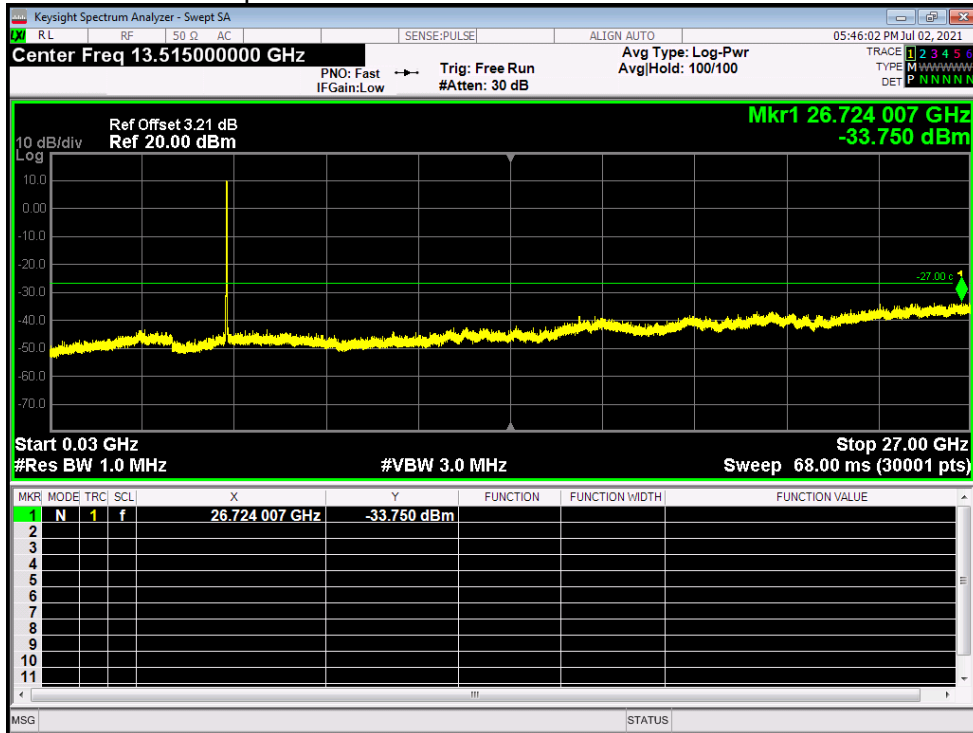
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



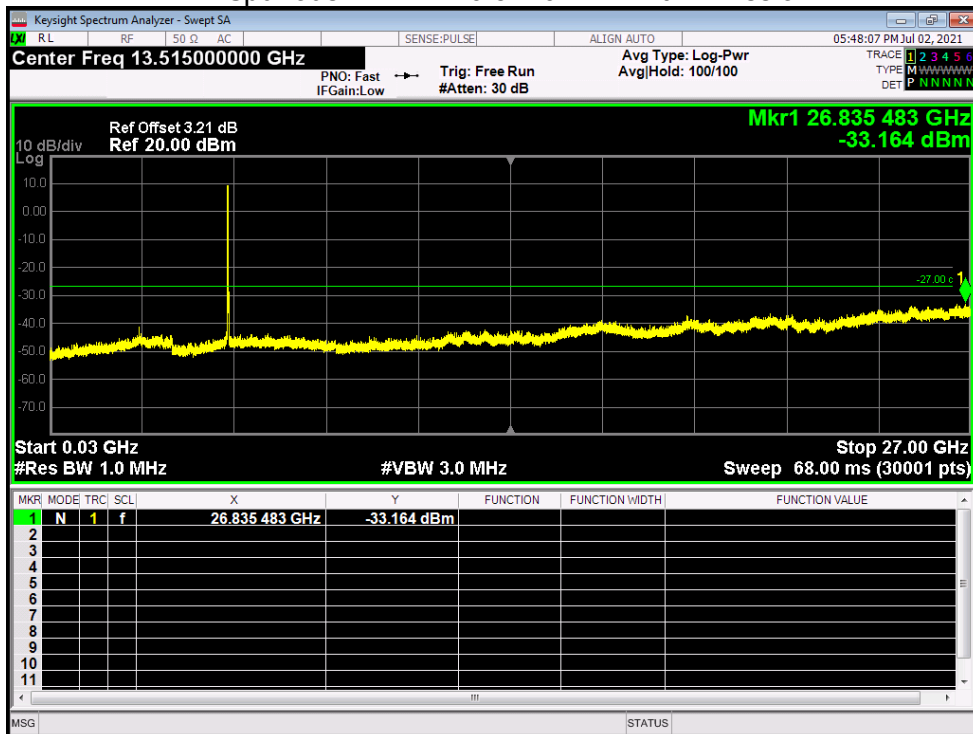
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



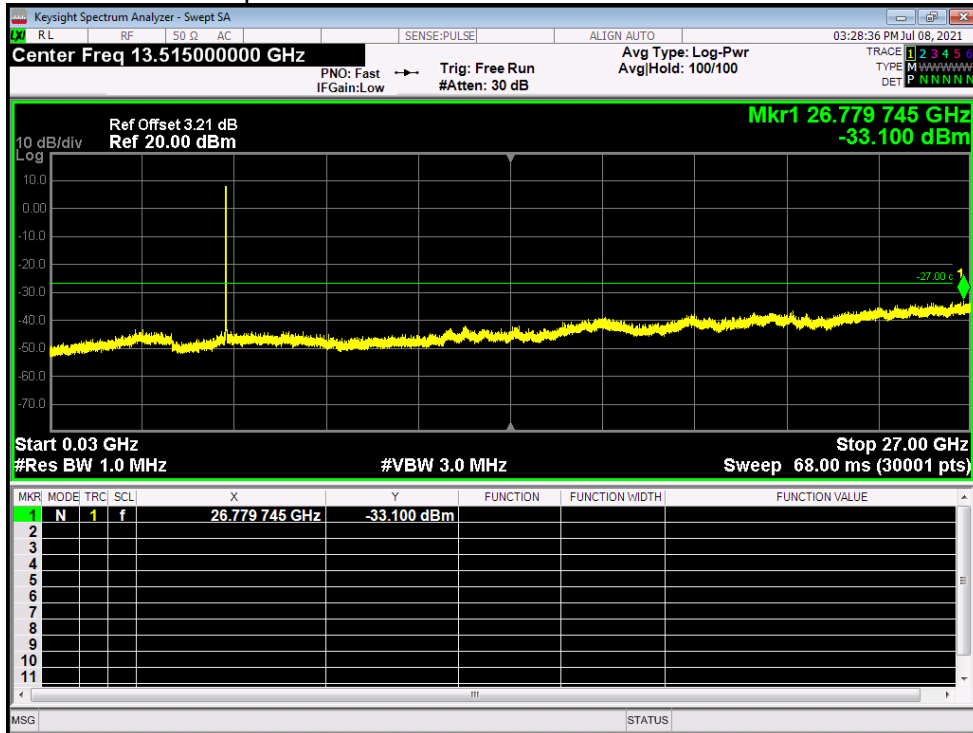
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



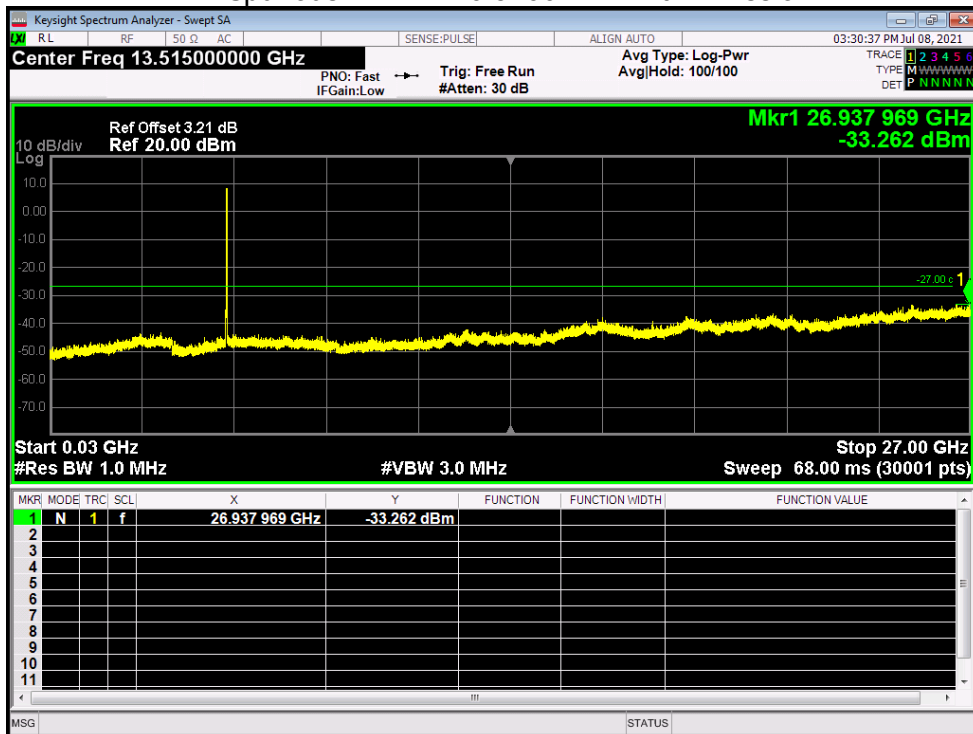
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



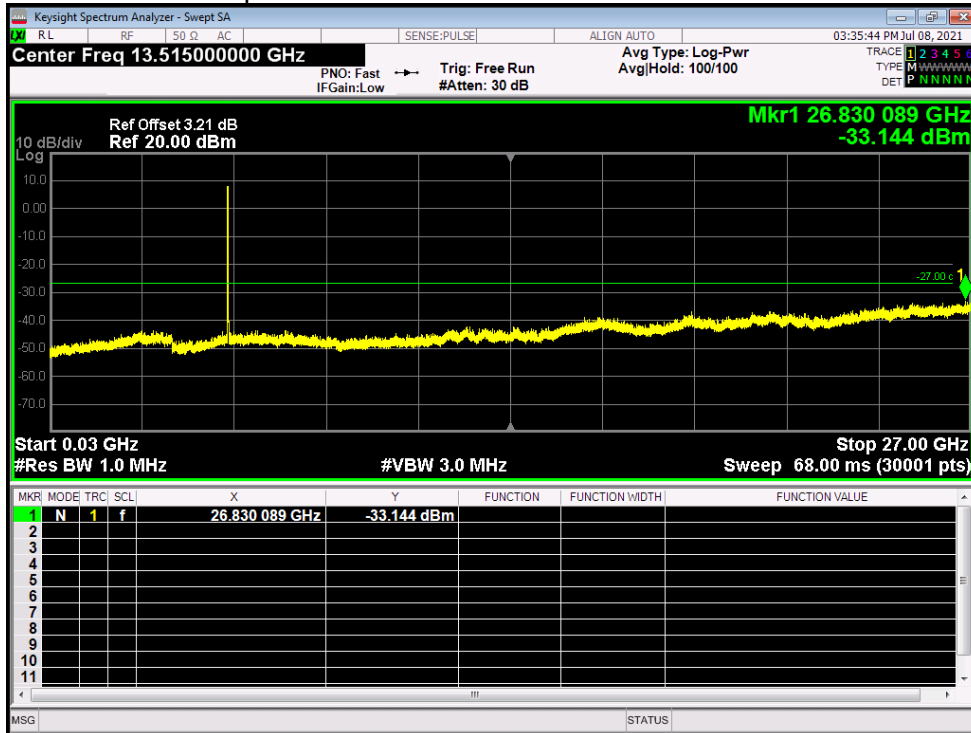
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



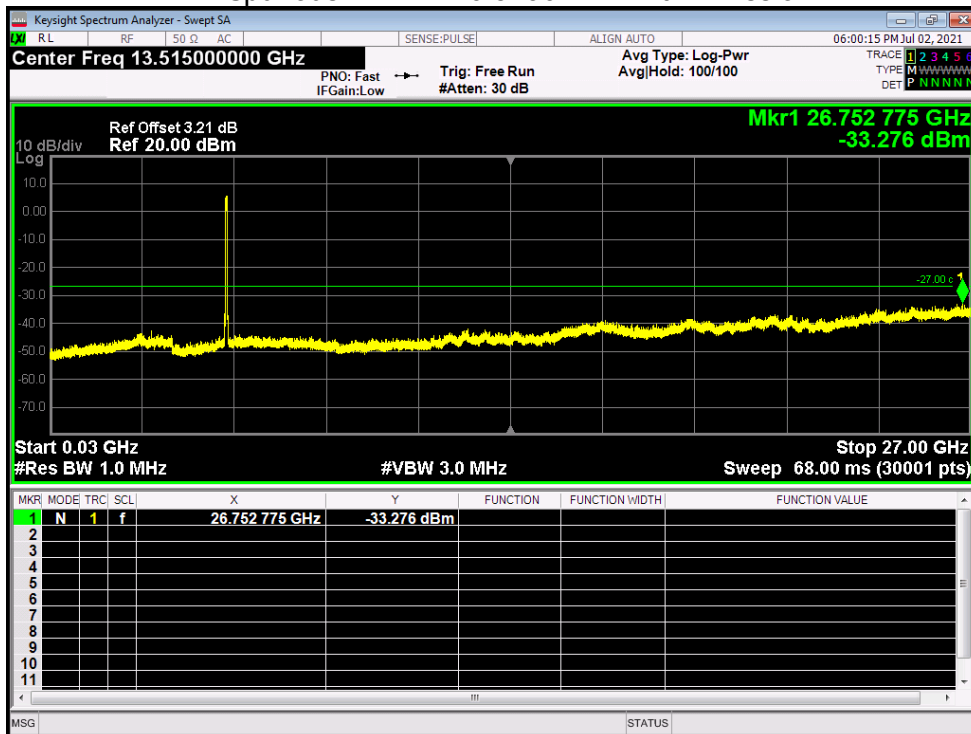
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



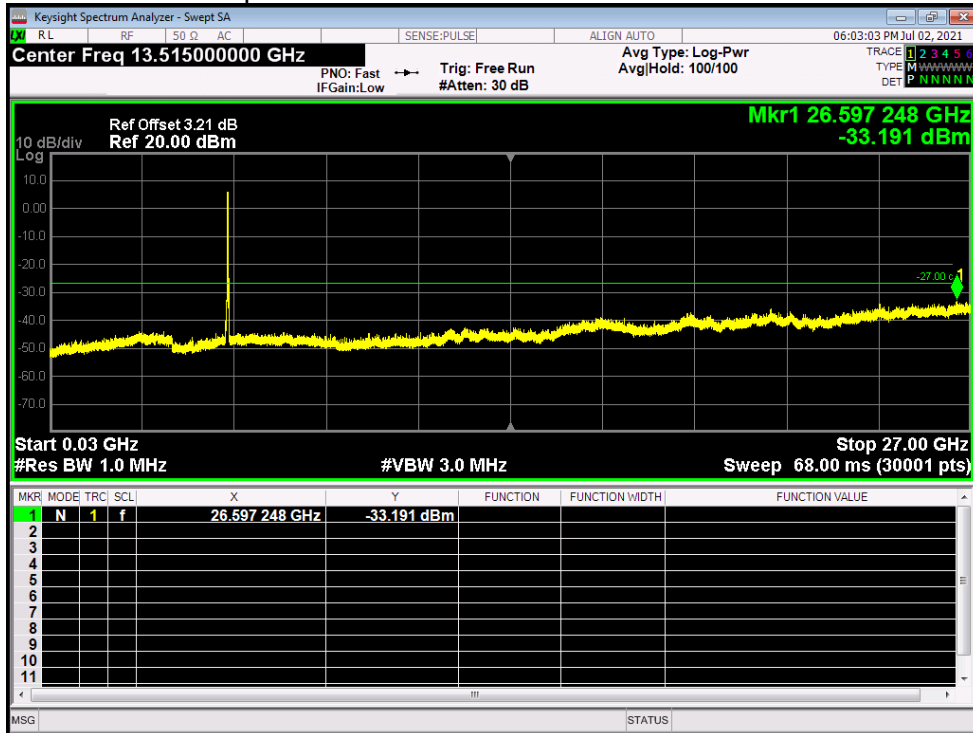
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



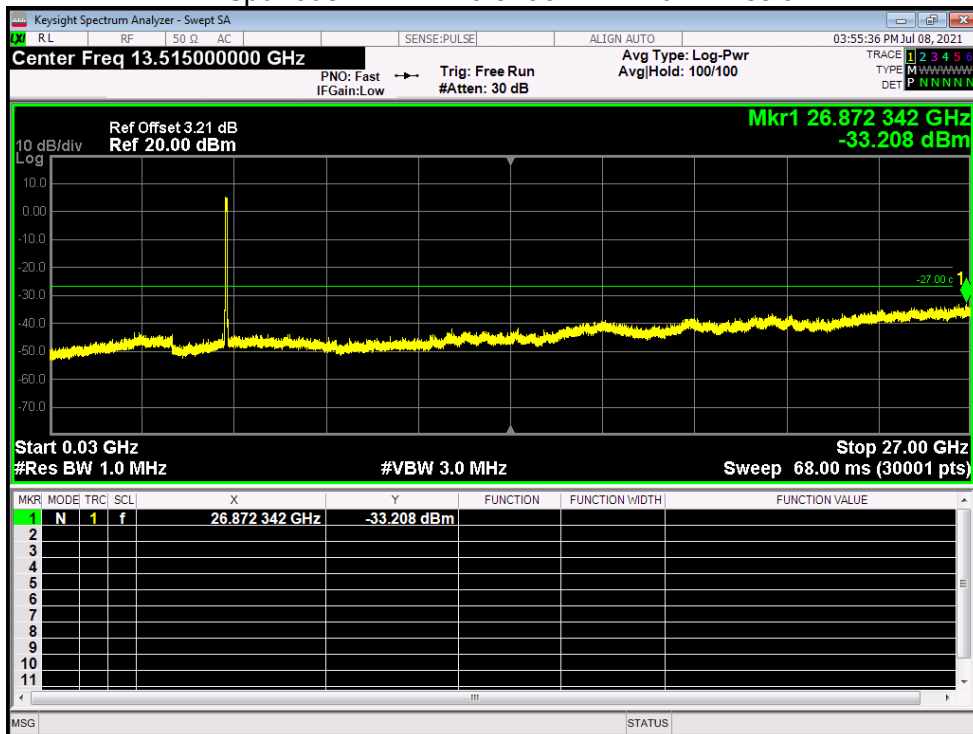
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



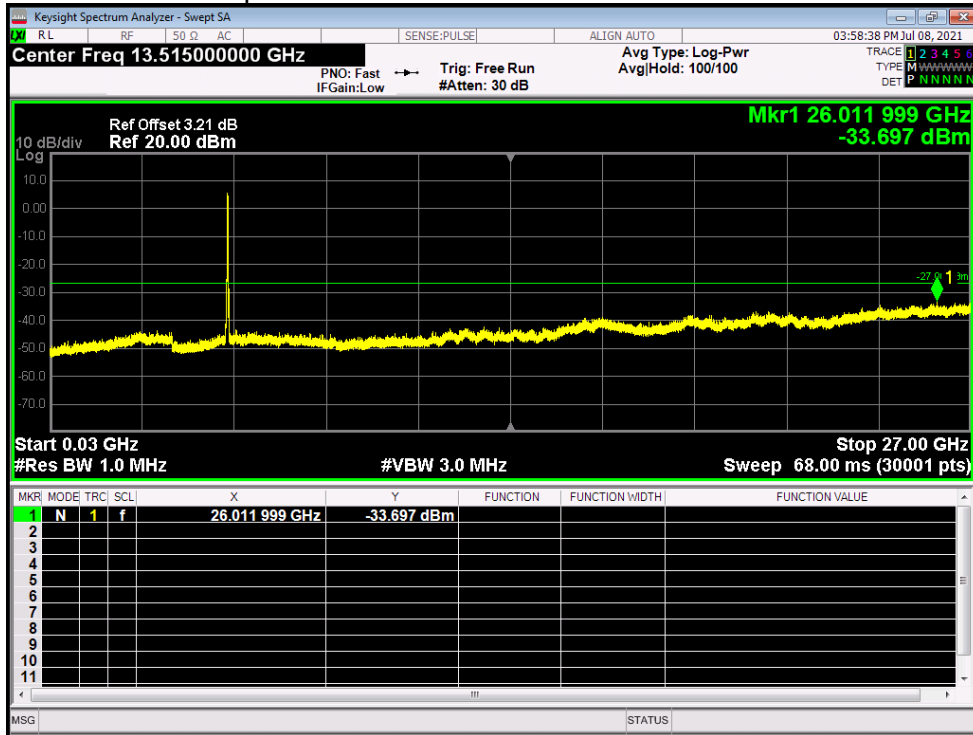
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



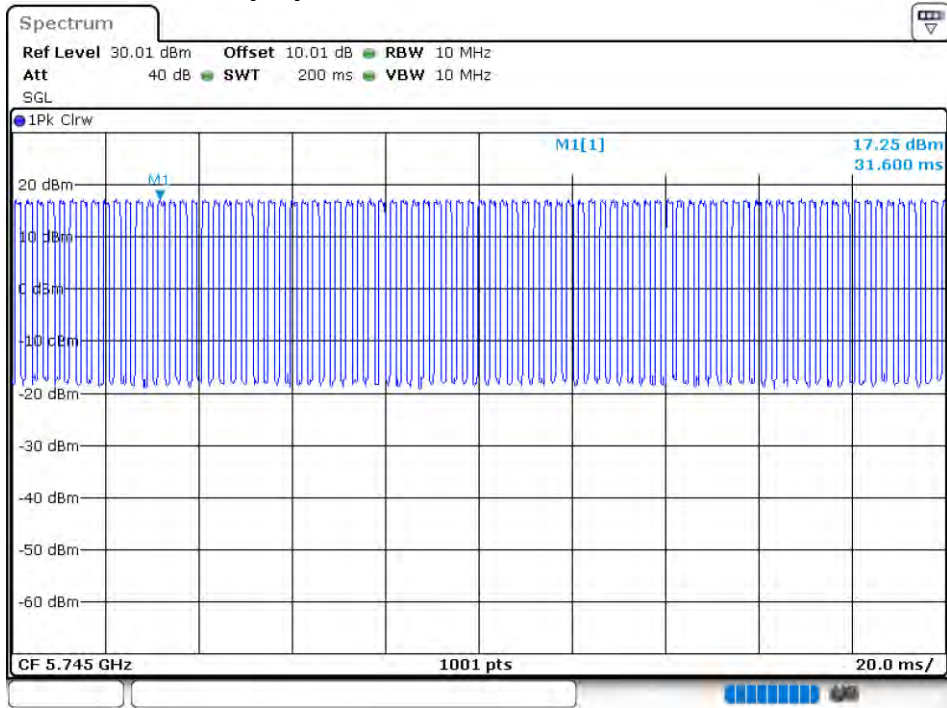


5.8G:

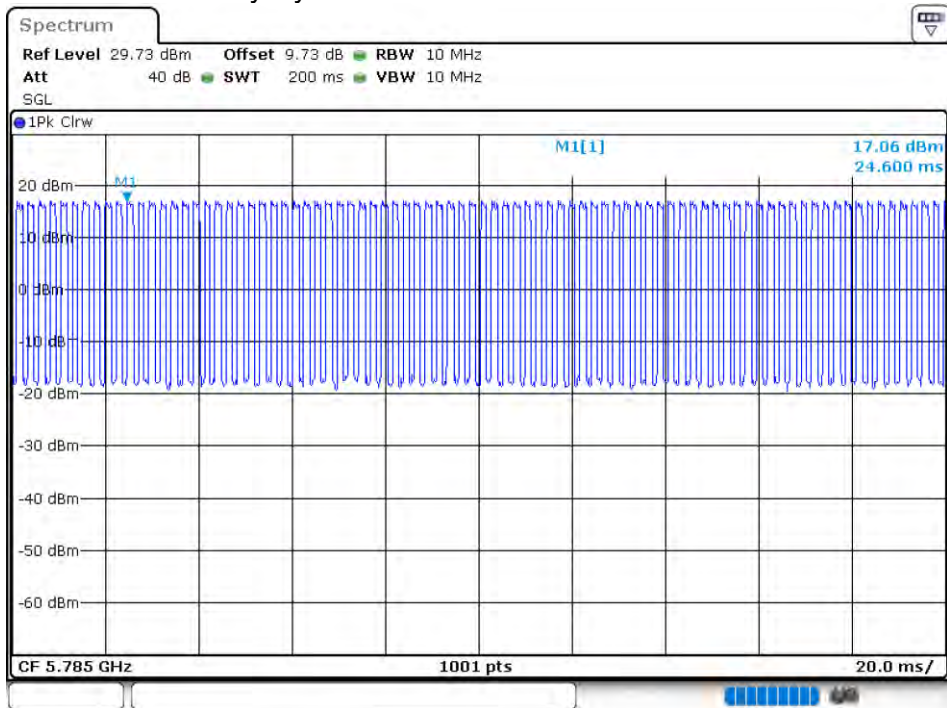
5.2.1 DUTY CYCLE

Antenna	Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
Ant 1	NVNT	802.11a	5745	66.03	1.8
Ant 1	NVNT	802.11a	5785	66.03	1.8
Ant 1	NVNT	802.11a	5825	65.83	1.82
Ant 2	NVNT	802.11a	5745	66.03	1.8
Ant 2	NVNT	802.11a	5785	65.73	1.82
Ant 2	NVNT	802.11a	5825	66.03	1.8
Ant 1	NVNT	802.11ac20	5745	64.54	1.9
Ant 1	NVNT	802.11ac20	5785	64.84	1.88
Ant 1	NVNT	802.11ac20	5825	64.54	1.9
Ant 2	NVNT	802.11ac20	5745	31.17	5.06
Ant 2	NVNT	802.11ac20	5785	31.17	5.06
Ant 2	NVNT	802.11ac20	5825	30.97	5.09
Ant 1	NVNT	802.11ac40	5755	50.75	2.95
Ant 1	NVNT	802.11ac40	5795	50.75	2.95
Ant 2	NVNT	802.11ac40	5755	26.97	5.69
Ant 2	NVNT	802.11ac40	5795	27.17	5.66
Ant 1	NVNT	802.11ac80	5775	38.96	4.09
Ant 2	NVNT	802.11ac80	5775	38.76	4.12
Ant 1	NVNT	802.11n(HT20)	5745	64.74	1.89
Ant 1	NVNT	802.11n(HT20)	5785	64.54	1.9
Ant 1	NVNT	802.11n(HT20)	5825	64.84	1.88
Ant 2	NVNT	802.11n(HT20)	5745	64.54	1.9
Ant 2	NVNT	802.11n(HT20)	5785	64.64	1.9
Ant 2	NVNT	802.11n(HT20)	5825	64.54	1.9
Ant 1	NVNT	802.11n(HT40)	5755	50.95	2.93
Ant 1	NVNT	802.11n(HT40)	5795	50.95	2.93
Ant 2	NVNT	802.11n(HT40)	5755	50.95	2.93
Ant 2	NVNT	802.11n(HT40)	5795	50.85	2.94

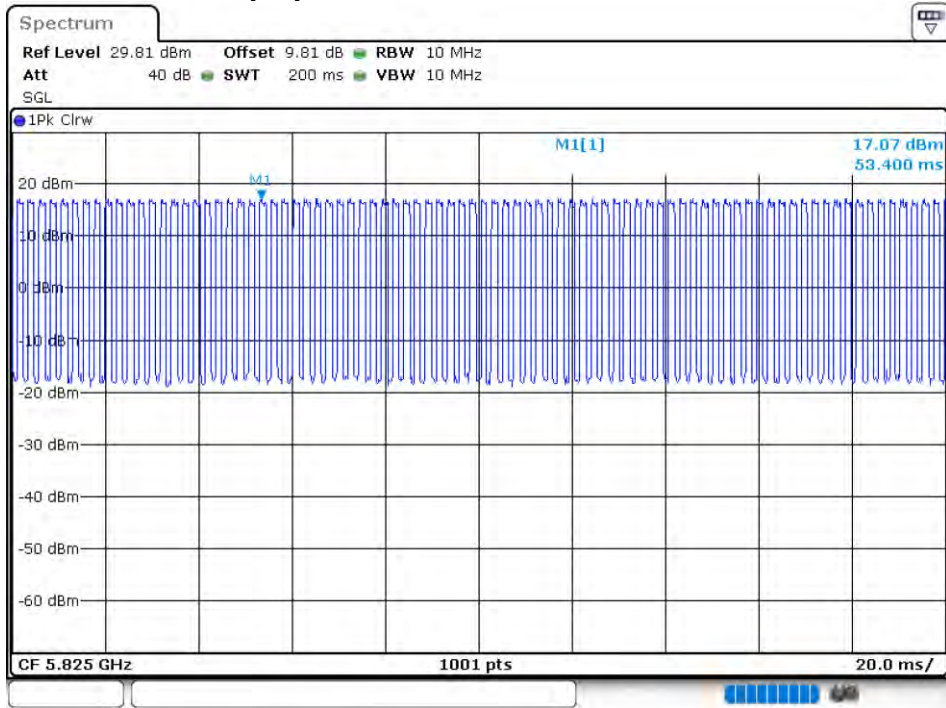
### Duty Cycle NVNT 802.11a 5745MHz Ant 1



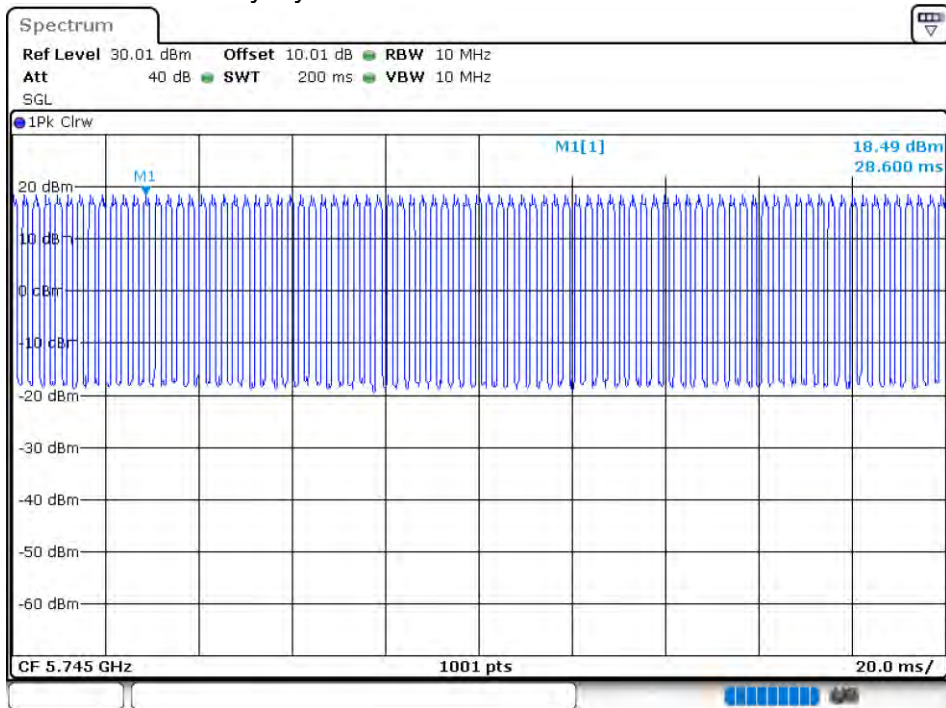
### Duty Cycle NVNT 802.11a 5785MHz Ant 1



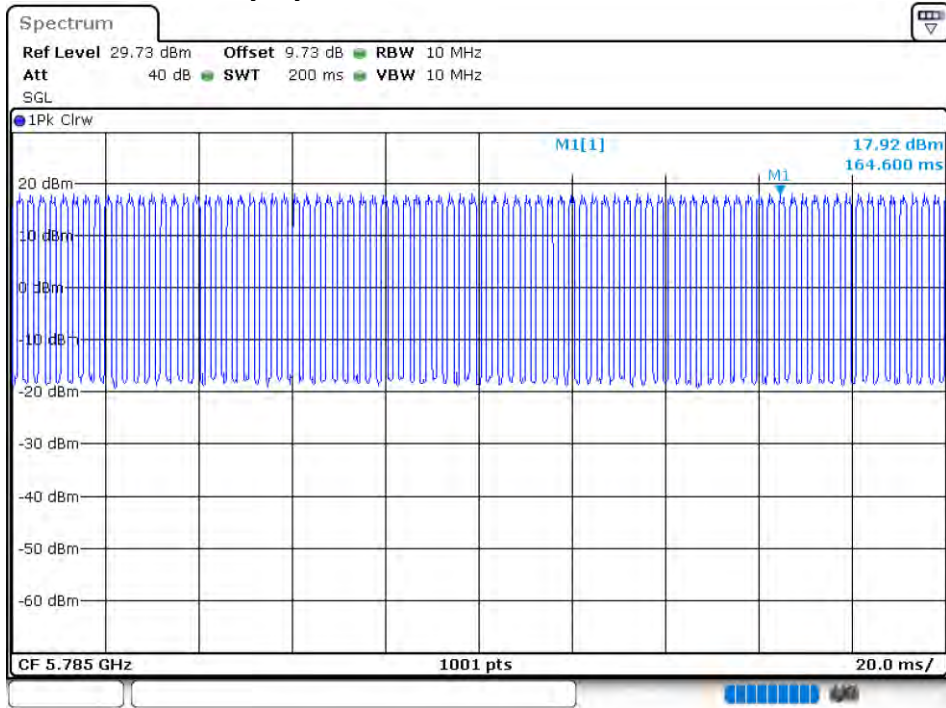
### Duty Cycle NVNT 802.11a 5825MHz Ant 1



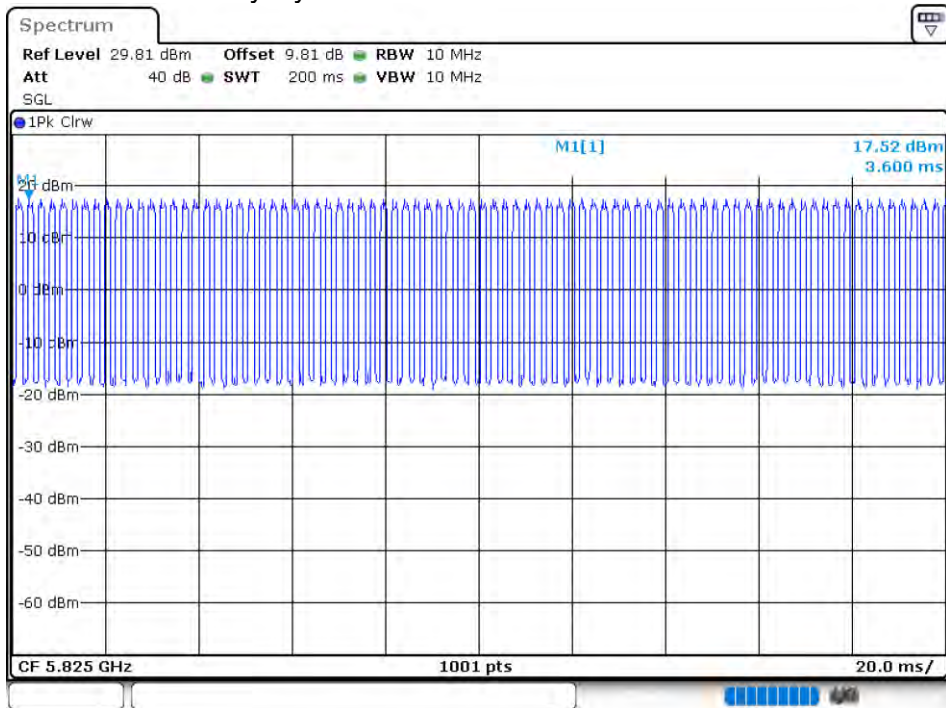
### Duty Cycle NVNT 802.11a 5745MHz Ant 2



### Duty Cycle NVNT 802.11a 5785MHz Ant 2

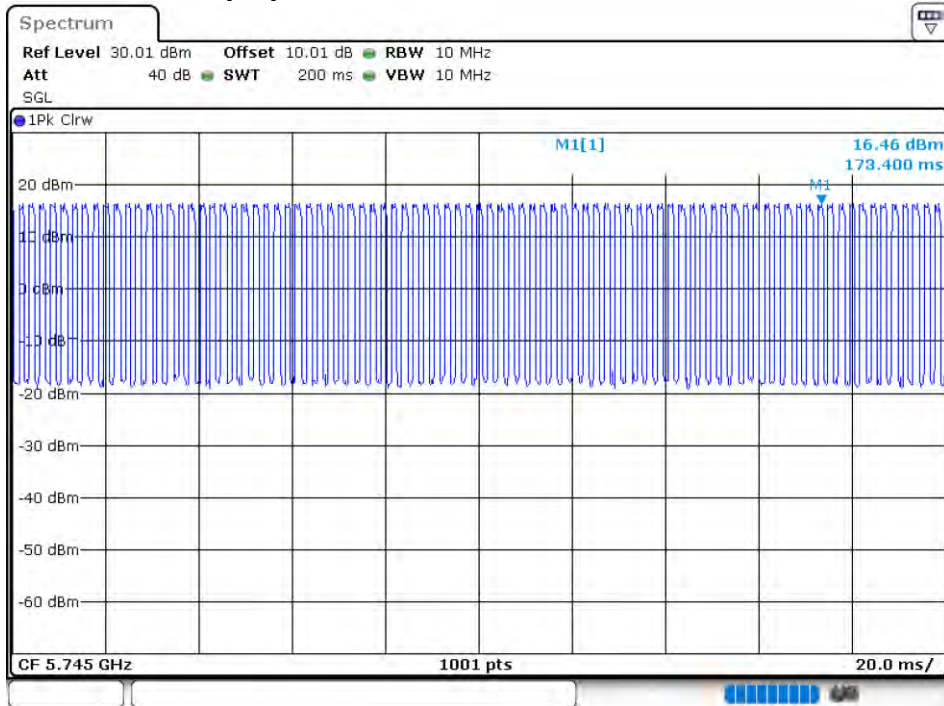


### Duty Cycle NVNT 802.11a 5825MHz Ant 2

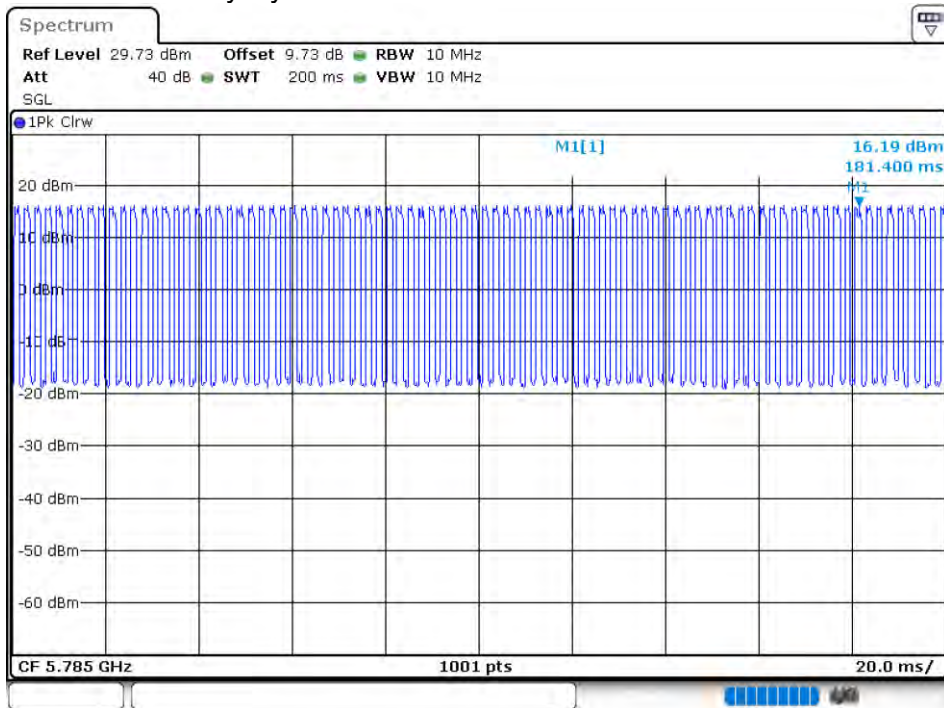




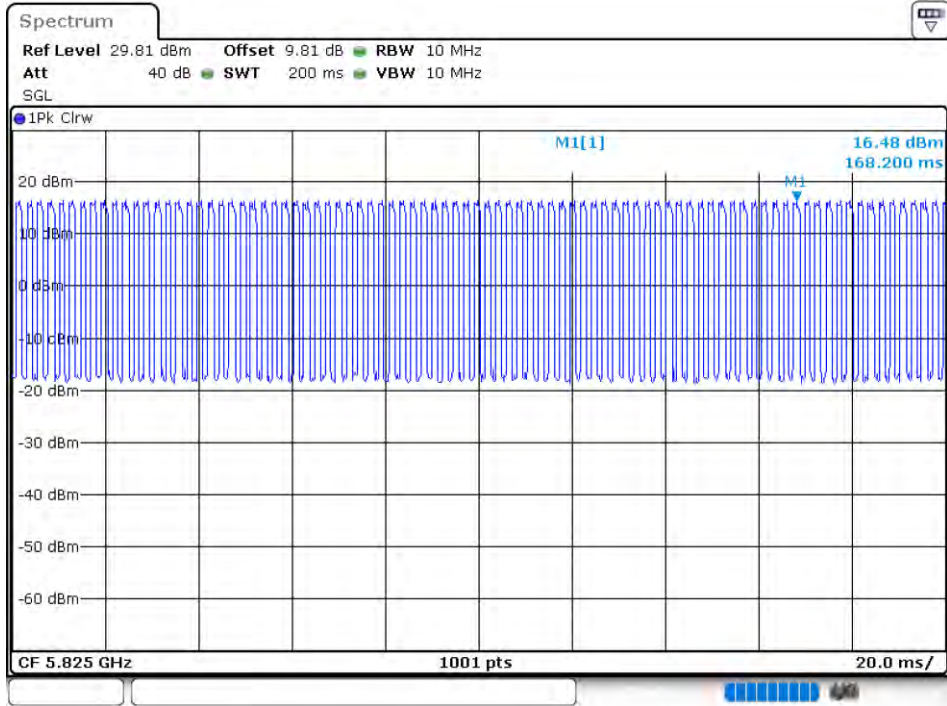
### Duty Cycle NVNT 802.11ac20 5745MHz Ant 1



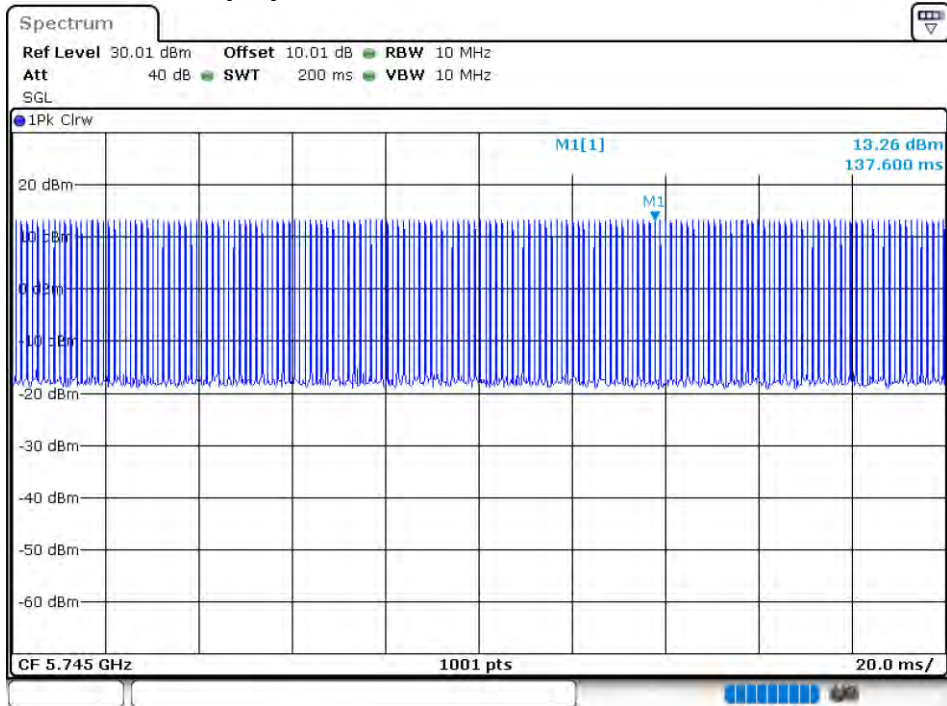
### Duty Cycle NVNT 802.11ac20 5785MHz Ant 1



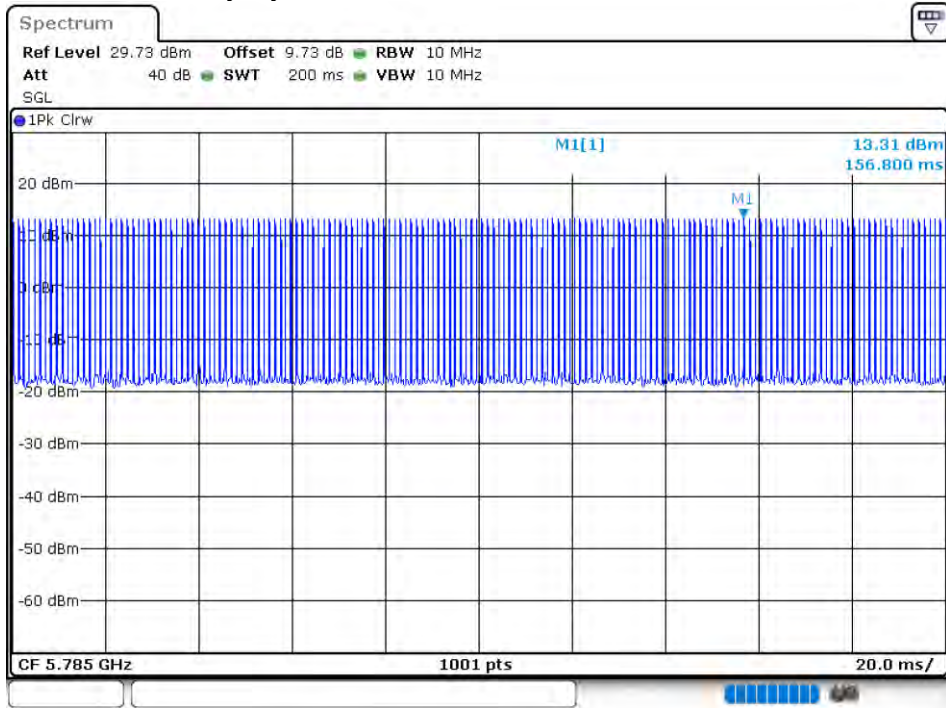
### Duty Cycle NVNT 802.11ac20 5825MHz Ant 1



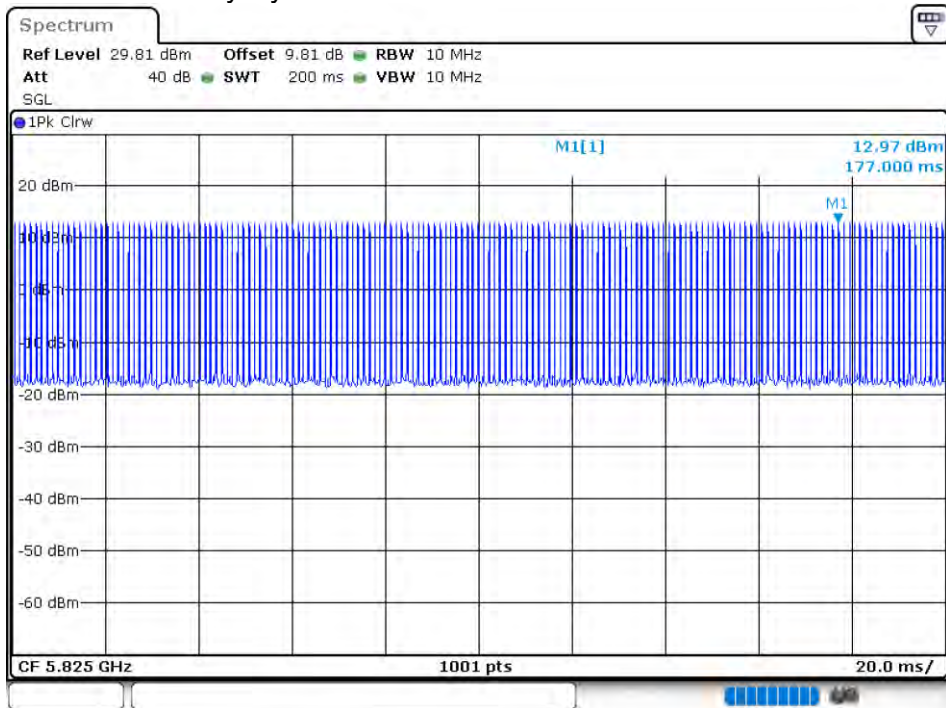
### Duty Cycle NVNT 802.11ac20 5745MHz Ant 2



### Duty Cycle NVNT 802.11ac20 5785MHz Ant 2

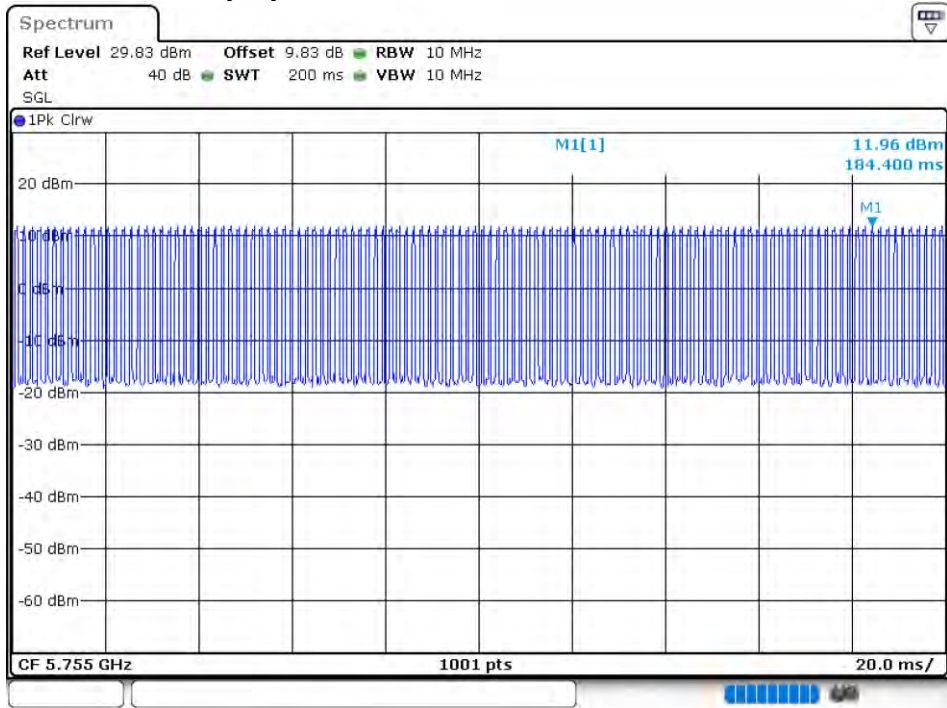


### Duty Cycle NVNT 802.11ac20 5825MHz Ant 2

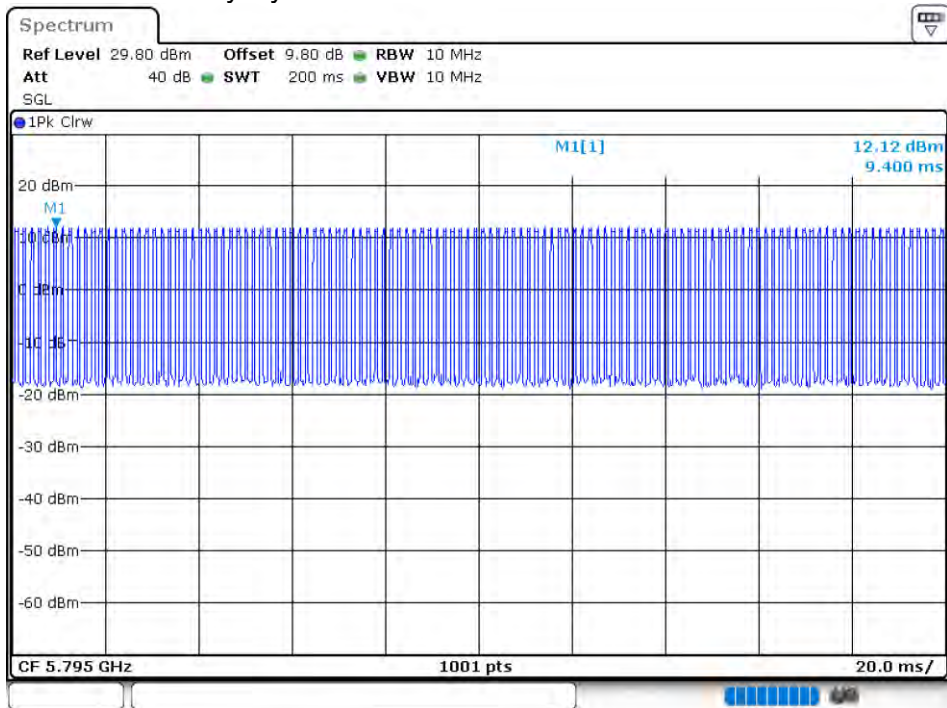




### Duty Cycle NVNT 802.11ac40 5755MHz Ant 1

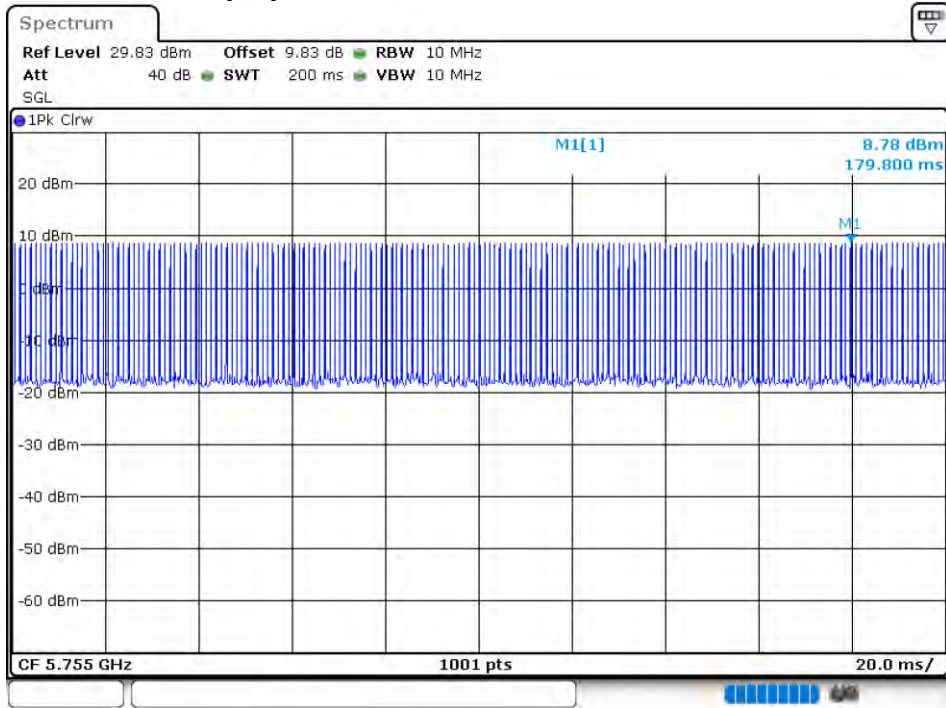


### Duty Cycle NVNT 802.11ac40 5795MHz Ant 1

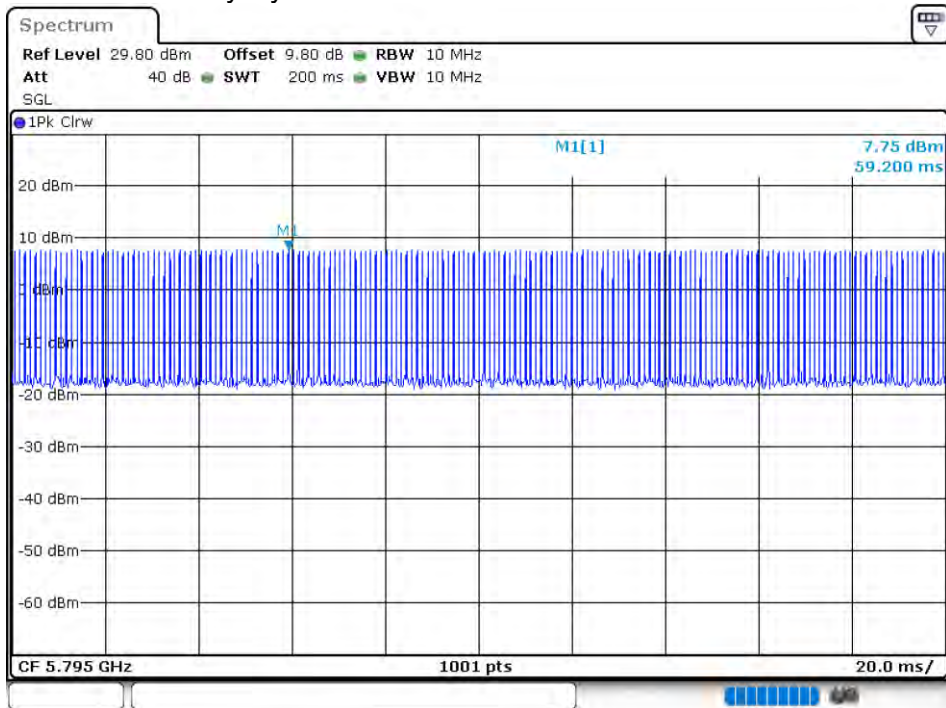




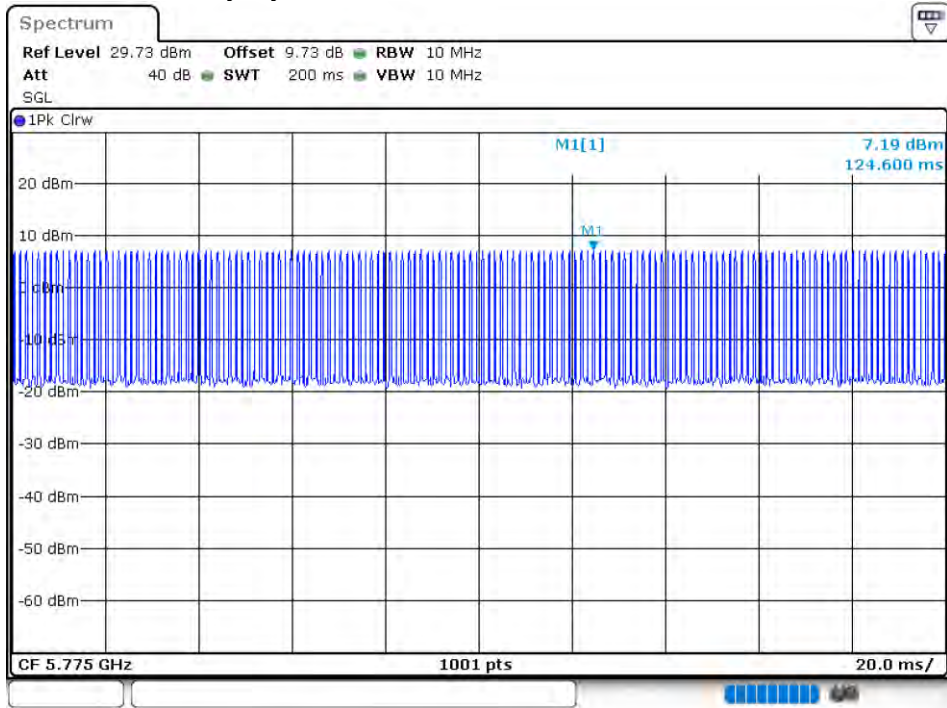
### Duty Cycle NVNT 802.11ac40 5755MHz Ant 2



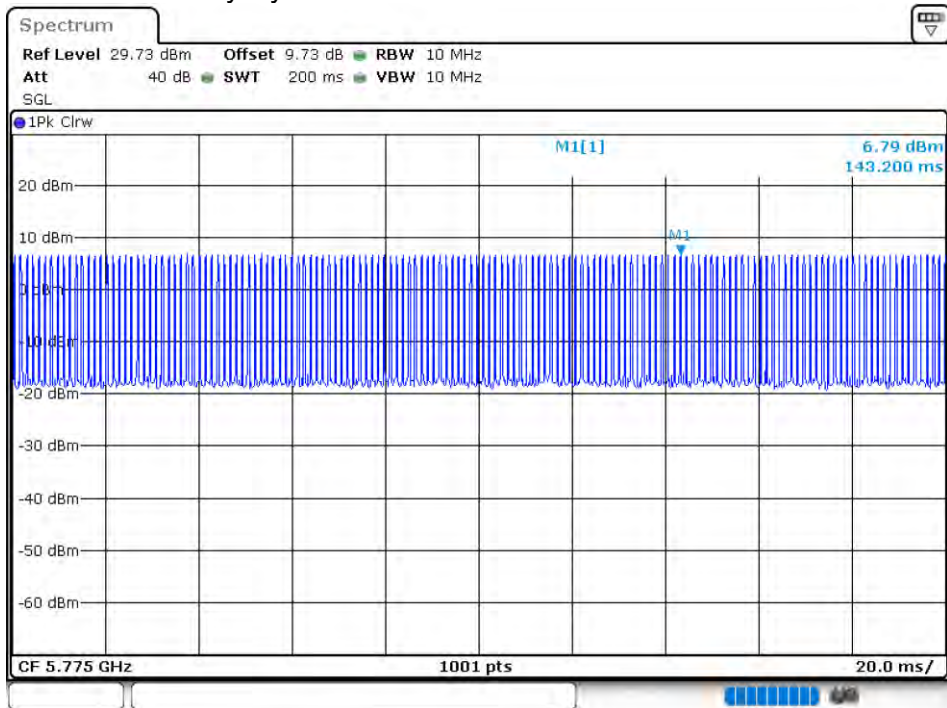
### Duty Cycle NVNT 802.11ac40 5795MHz Ant 2



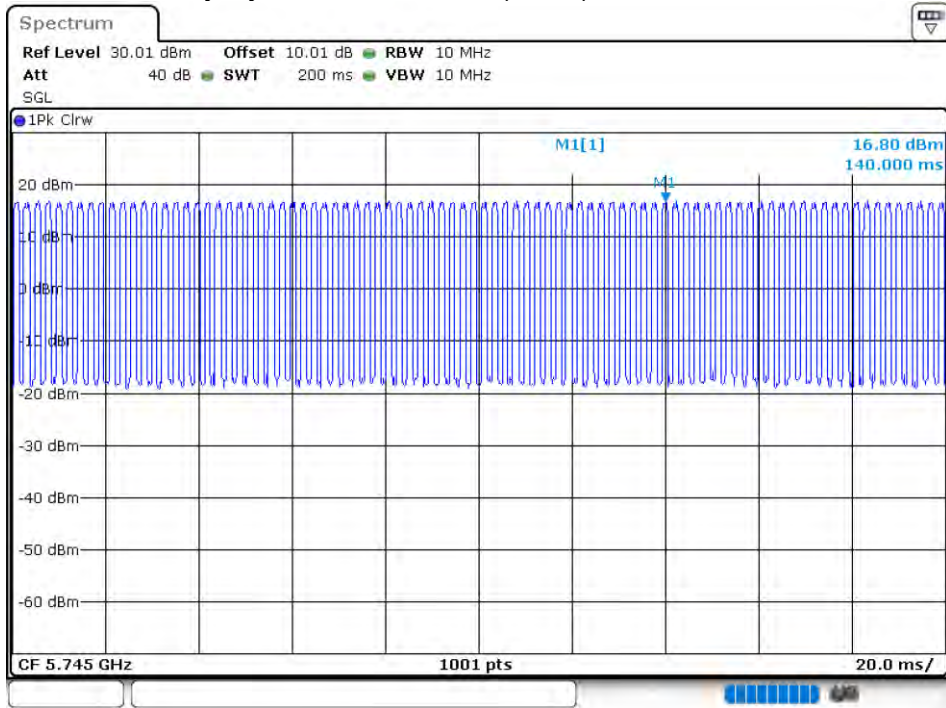
### Duty Cycle NVNT 802.11ac80 5775MHz Ant 1



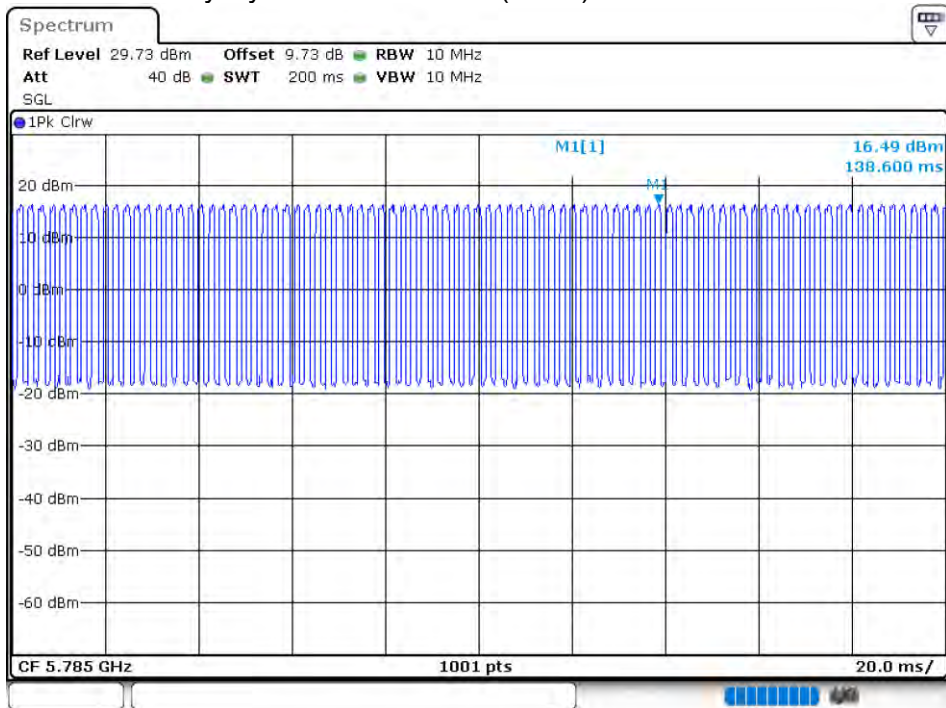
### Duty Cycle NVNT 802.11ac80 5775MHz Ant 2



### Duty Cycle NVNT 802.11n(HT20) 5745MHz Ant 1

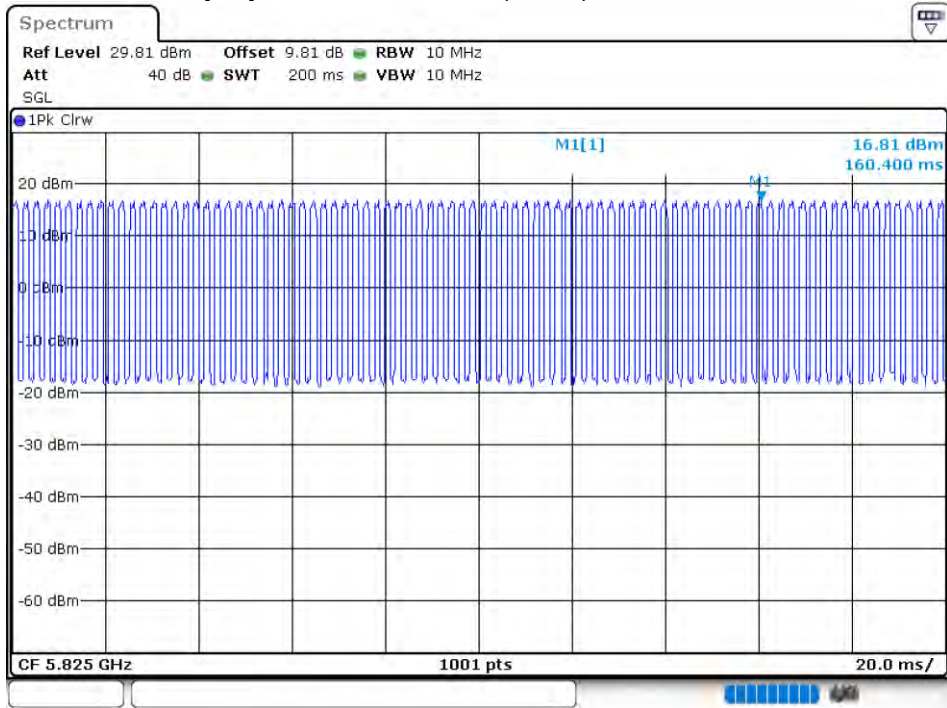


### Duty Cycle NVNT 802.11n(HT20) 5785MHz Ant 1

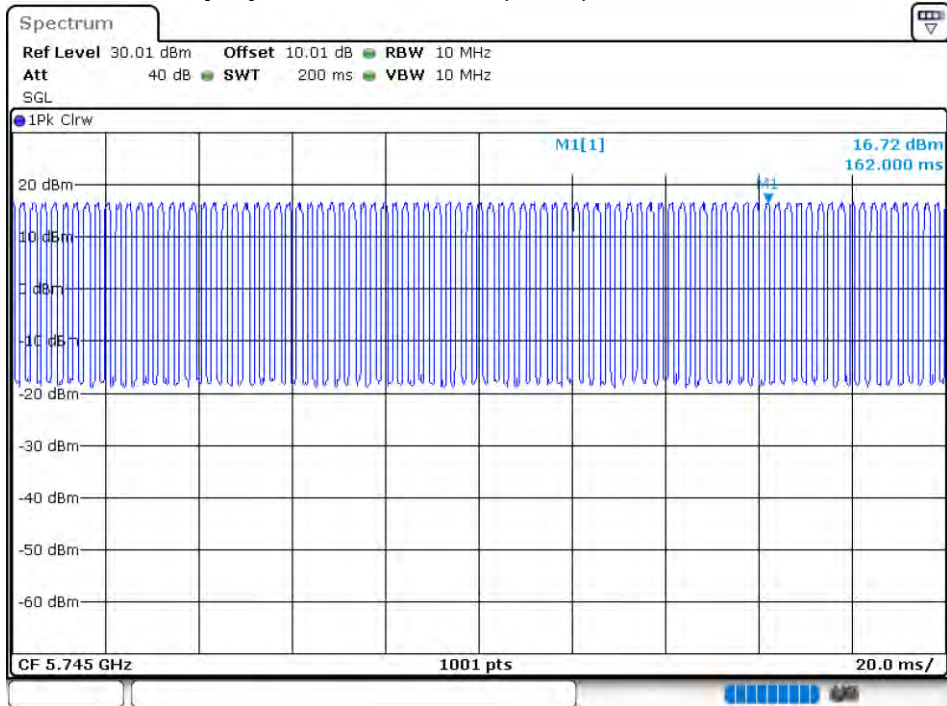




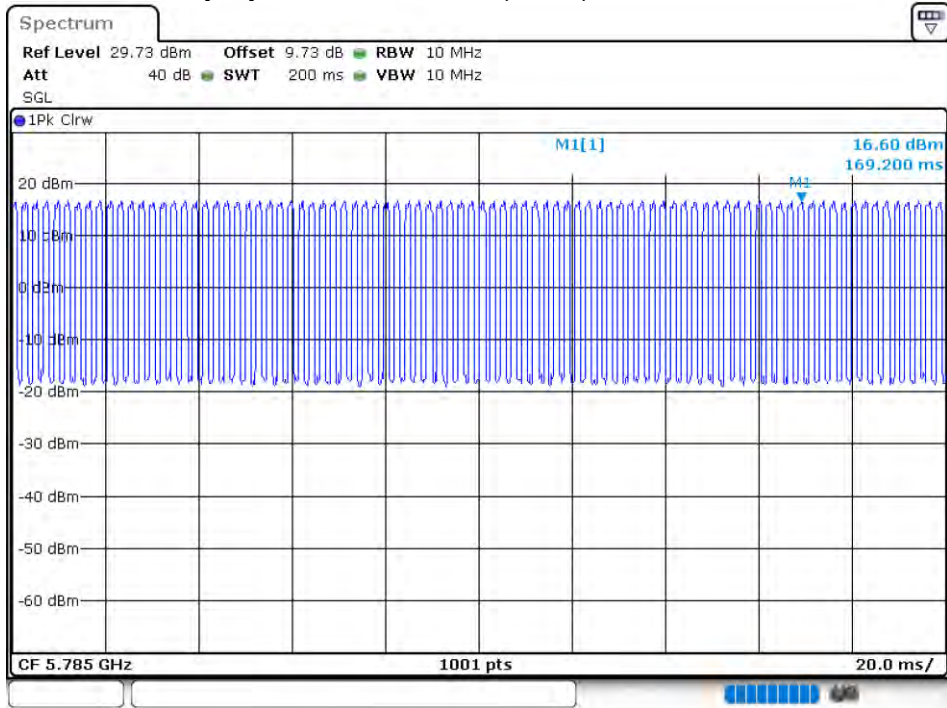
### Duty Cycle NVNT 802.11n(HT20) 5825MHz Ant 1



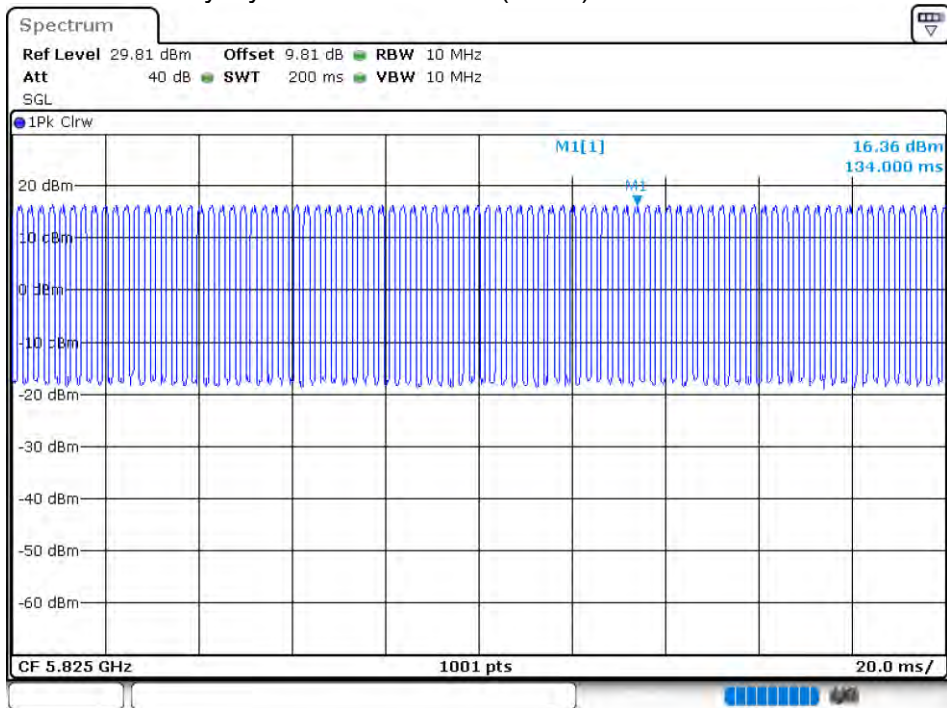
### Duty Cycle NVNT 802.11n(HT20) 5745MHz Ant 2



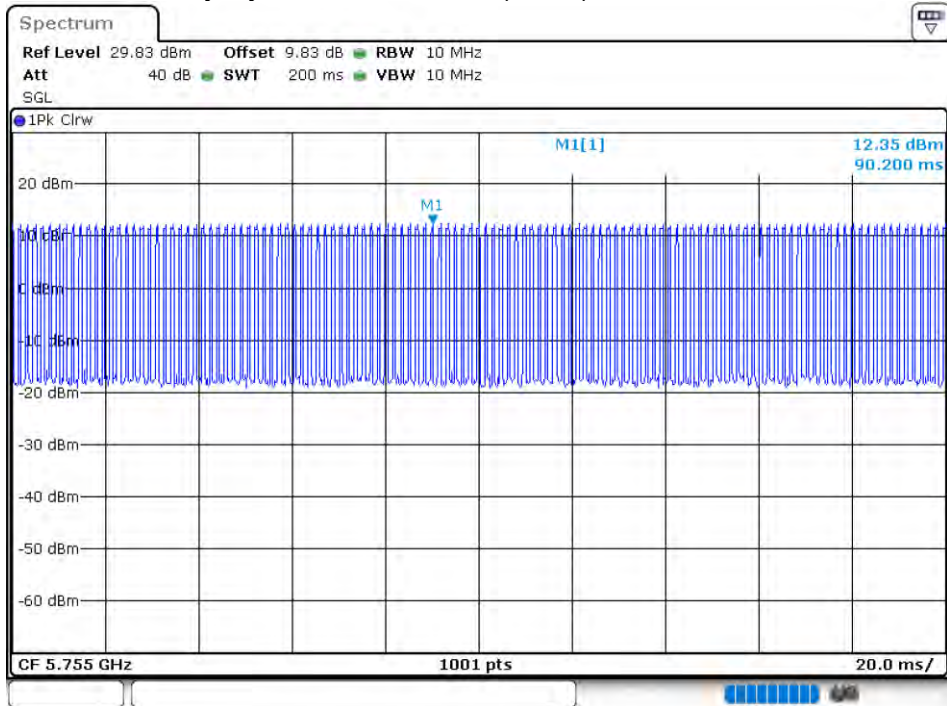
### Duty Cycle NVNT 802.11n(HT20) 5785MHz Ant 2



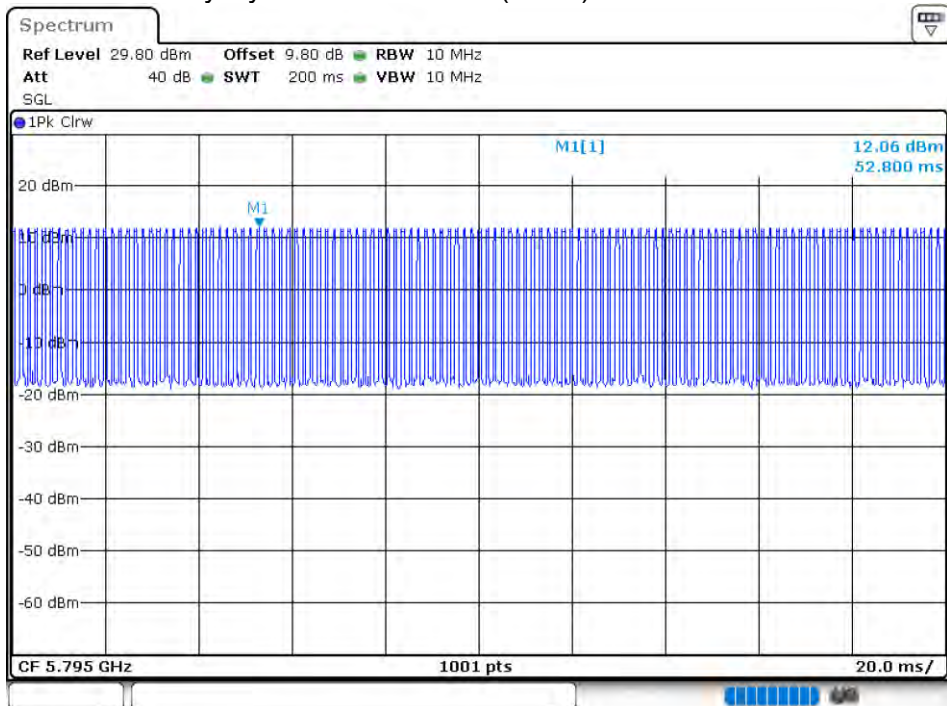
### Duty Cycle NVNT 802.11n(HT20) 5825MHz Ant 2



### Duty Cycle NVNT 802.11n(HT40) 5755MHz Ant 1

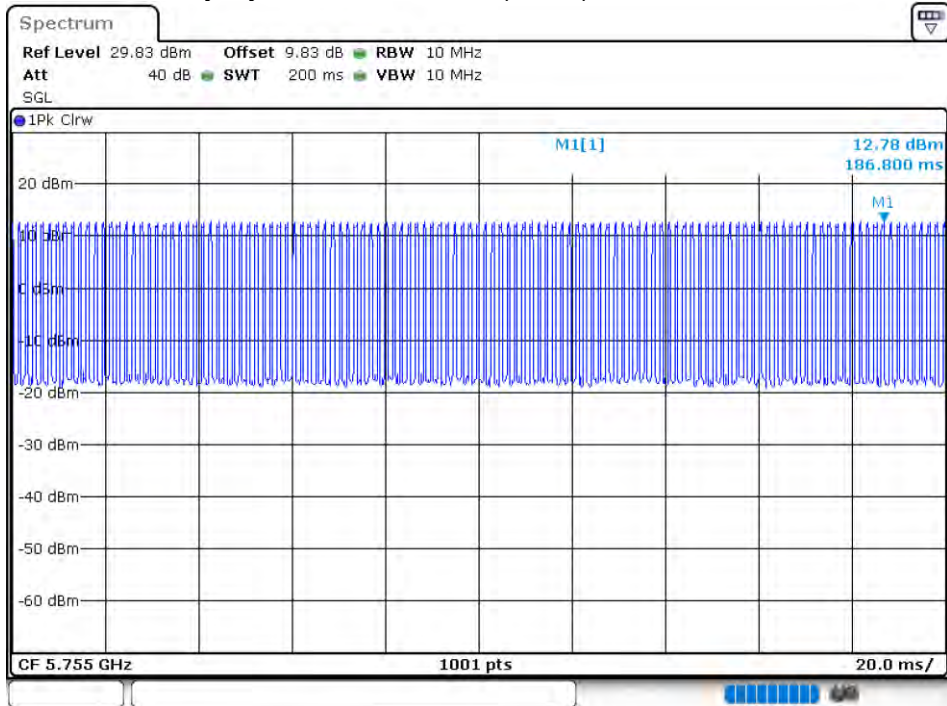


### Duty Cycle NVNT 802.11n(HT40) 5795MHz Ant 1

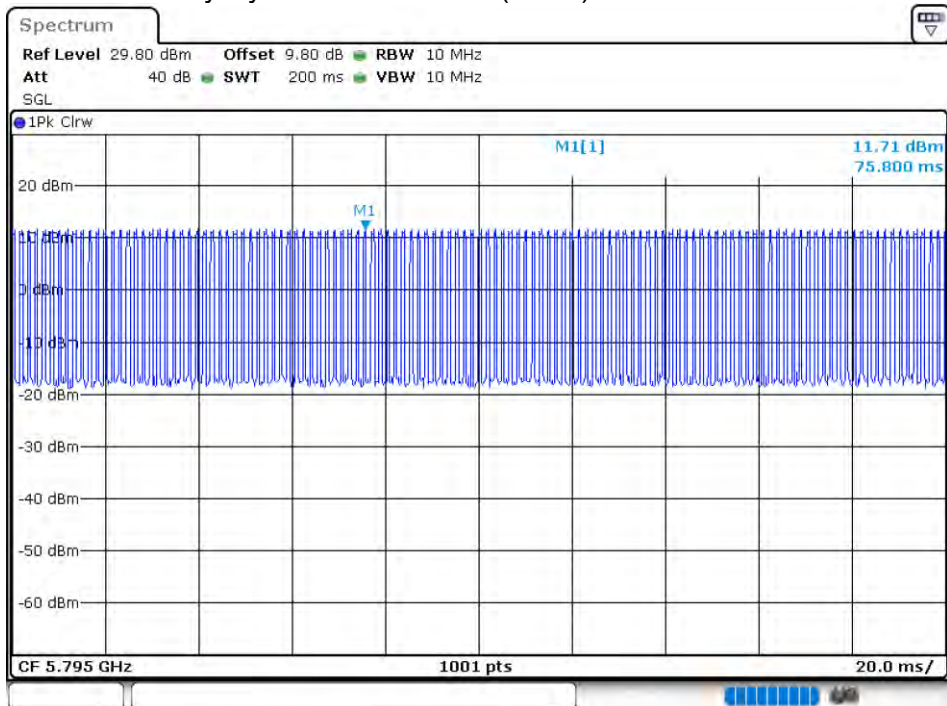




### Duty Cycle NVNT 802.11n(HT40) 5755MHz Ant 2



### Duty Cycle NVNT 802.11n(HT40) 5795MHz Ant 2



5.2.2 MAXIMUM CONDUCTED OUTPUT POWER

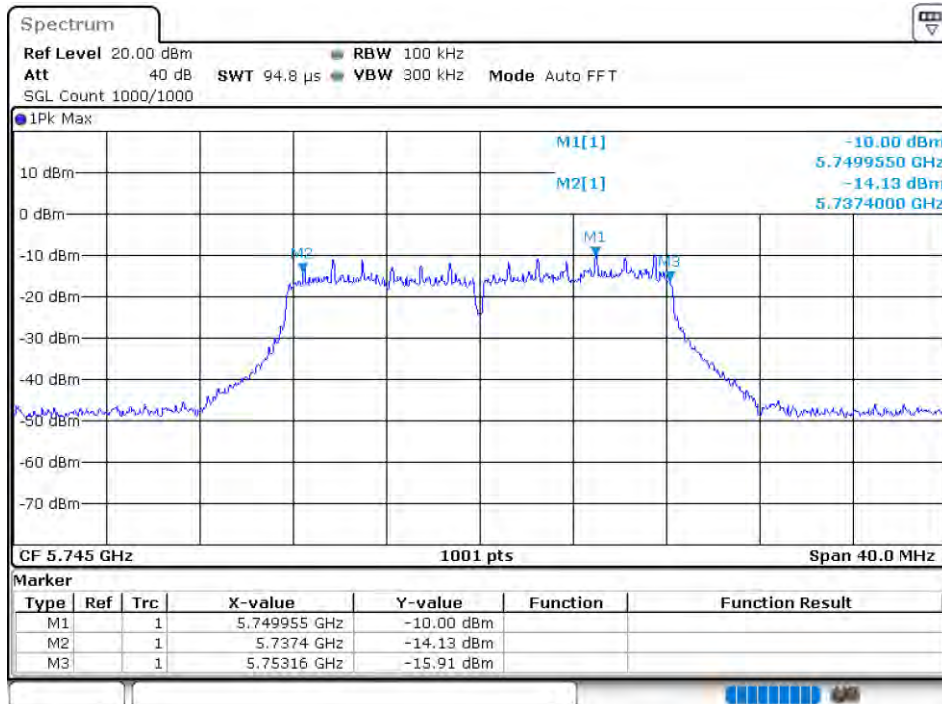
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	8.66	1.8	10.46	30	Pass
NVNT	802.11a	5785	Ant 1	8.49	1.8	10.29	30	Pass
NVNT	802.11a	5825	Ant 1	8.57	1.82	10.39	30	Pass
NVNT	802.11a	5745	Ant 2	8.97	1.8	10.77	30	Pass
NVNT	802.11a	5785	Ant 2	8.83	1.82	10.65	30	Pass
NVNT	802.11a	5825	Ant 2	8.29	1.8	10.09	30	Pass
NVNT	802.11ac20	5745	Ant 1	7.79	1.9	9.69	30	Pass
NVNT	802.11ac20	5785	Ant 1	7.54	1.88	9.42	30	Pass
NVNT	802.11ac20	5825	Ant 1	7.78	1.9	9.68	30	Pass
NVNT	802.11ac20	5745	Ant 2	4.71	5.06	9.77	30	Pass
NVNT	802.11ac20	5785	Ant 2	4.86	5.06	9.92	30	Pass
NVNT	802.11ac20	5825	Ant 2	4.45	5.09	9.54	30	Pass
NVNT	802.11ac40	5755	Ant 1	6.22	2.95	9.17	30	Pass
NVNT	802.11ac40	5795	Ant 1	6.47	2.95	9.42	30	Pass
NVNT	802.11ac40	5755	Ant 2	4.27	5.69	9.96	30	Pass
NVNT	802.11ac40	5795	Ant 2	3.37	5.66	9.03	30	Pass
NVNT	802.11ac80	5775	Ant 1	5.62	4.09	9.71	30	Pass
NVNT	802.11ac80	5775	Ant 2	5.66	4.12	9.78	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	8.1	1.89	9.99	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	7.92	1.9	9.82	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	8.11	1.88	9.99	30	Pass
NVNT	802.11n(HT20)	5745	Ant 2	7.95	1.9	9.85	30	Pass
NVNT	802.11n(HT20)	5785	Ant 2	7.98	1.9	9.88	30	Pass
NVNT	802.11n(HT20)	5825	Ant 2	7.69	1.9	9.59	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	6.64	2.93	9.57	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	6.45	2.93	9.38	30	Pass
NVNT	802.11n(HT40)	5755	Ant 2	6.99	2.93	9.92	30	Pass
NVNT	802.11n(HT40)	5795	Ant 2	6.09	2.94	9.03	30	Pass



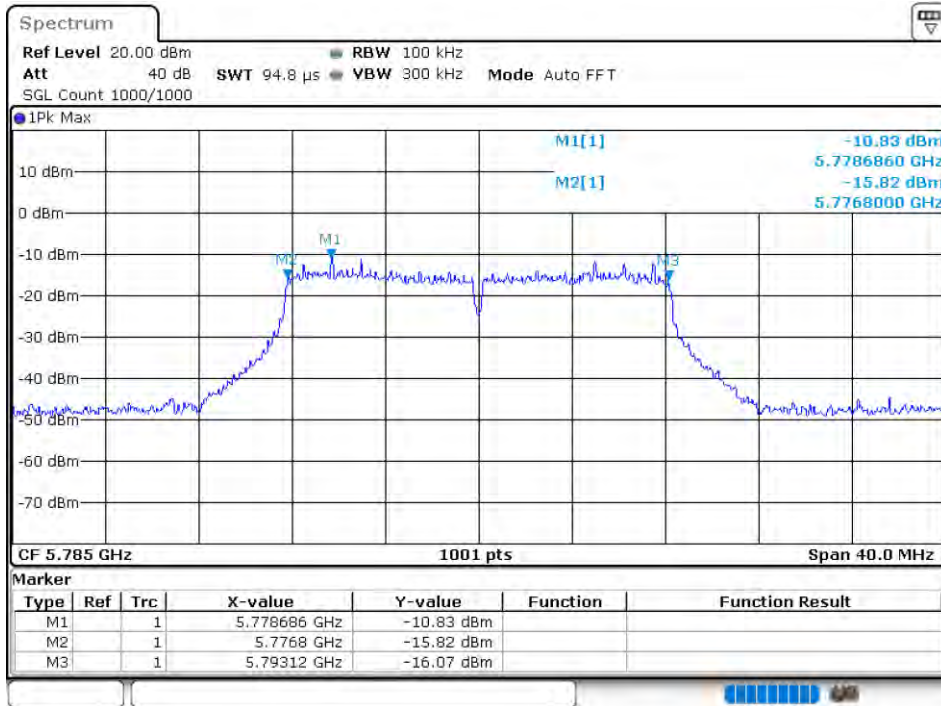
5.2.3 -6DB EMISSION BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	15.76	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.32	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.32	0.5	Pass
NVNT	802.11a	5745	Ant 2	15.76	0.5	Pass
NVNT	802.11a	5785	Ant 2	16.32	0.5	Pass
NVNT	802.11a	5825	Ant 2	16.36	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	16.32	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	16.56	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	16.96	0.5	Pass
NVNT	802.11ac20	5745	Ant 2	16.68	0.5	Pass
NVNT	802.11ac20	5785	Ant 2	17.64	0.5	Pass
NVNT	802.11ac20	5825	Ant 2	17.6	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	35.12	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	35.36	0.5	Pass
NVNT	802.11ac40	5755	Ant 2	35.2	0.5	Pass
NVNT	802.11ac40	5795	Ant 2	35.6	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.2	0.5	Pass
NVNT	802.11ac80	5775	Ant 2	75.2	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	16.32	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.28	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	16.96	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 2	17.16	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 2	16.56	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 2	17.56	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.36	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.52	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 2	35.52	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 2	35.36	0.5	Pass

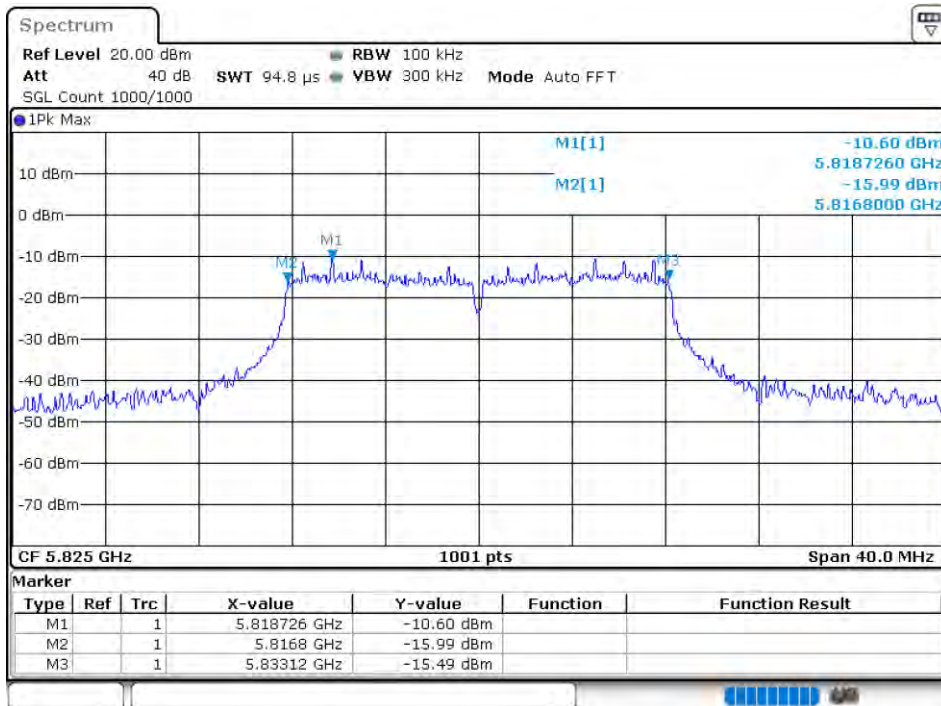
EBW NVNT 802.11a 5745MHz Ant 1



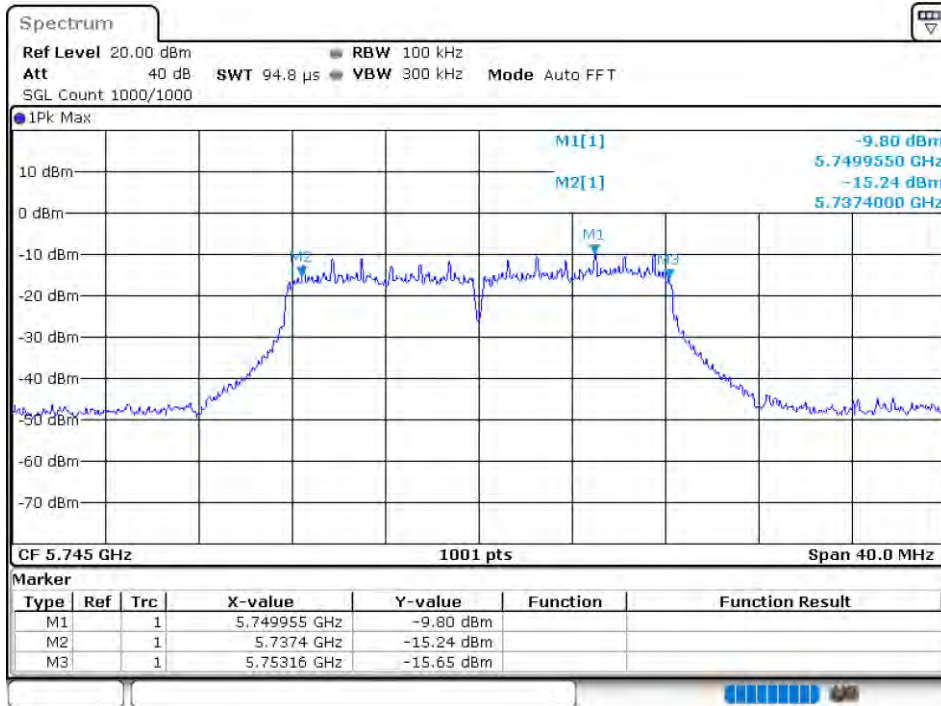
EBW NVNT 802.11a 5785MHz Ant 1



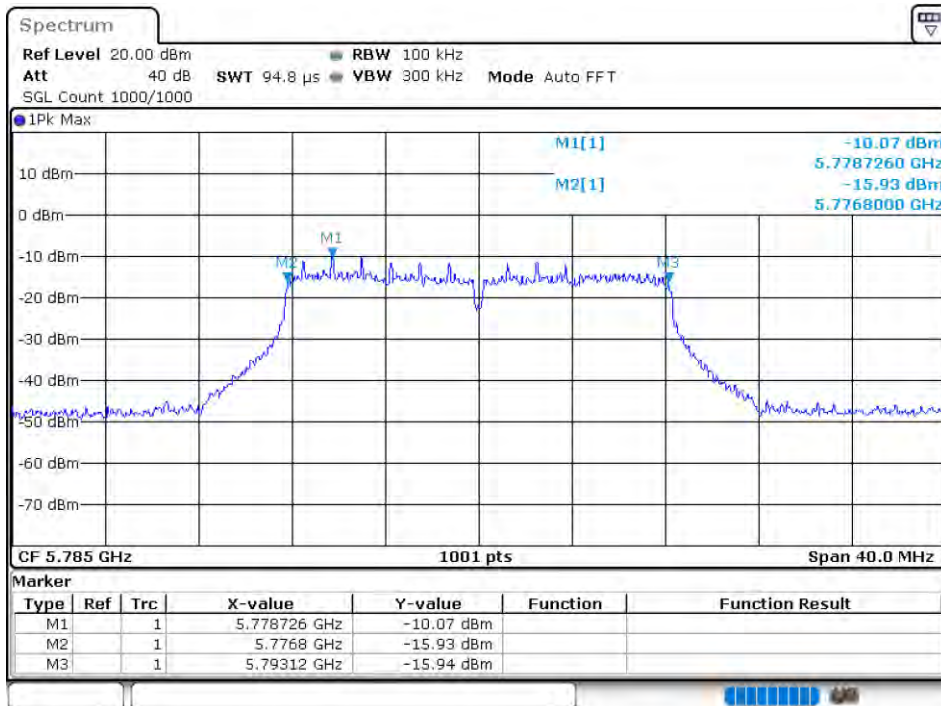
EBW NVNT 802.11a 5825MHz Ant 1



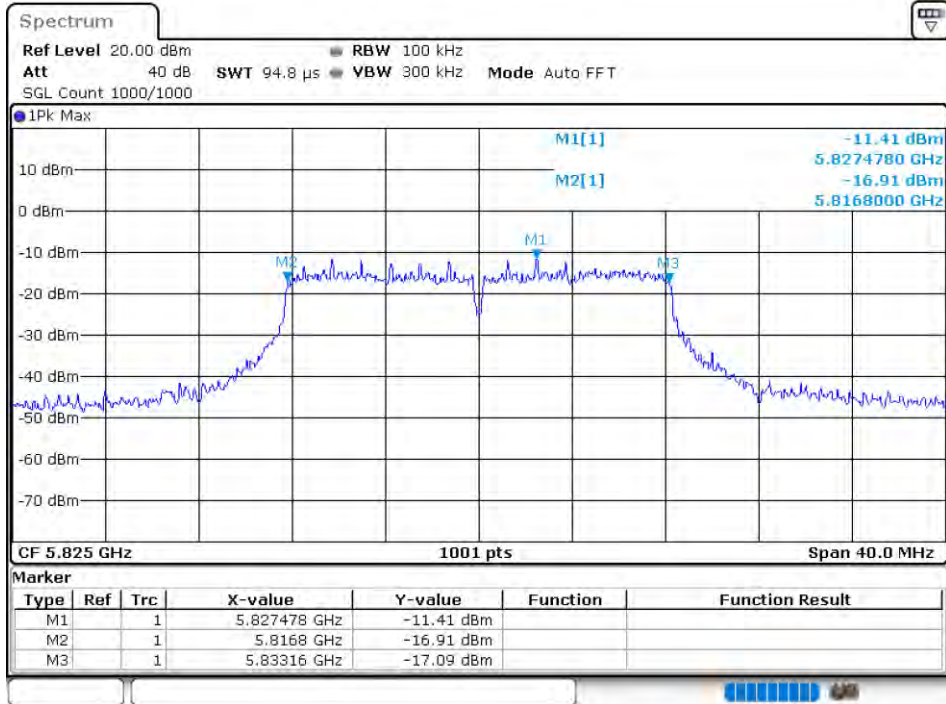
EBW NVNT 802.11a 5745MHz Ant 2



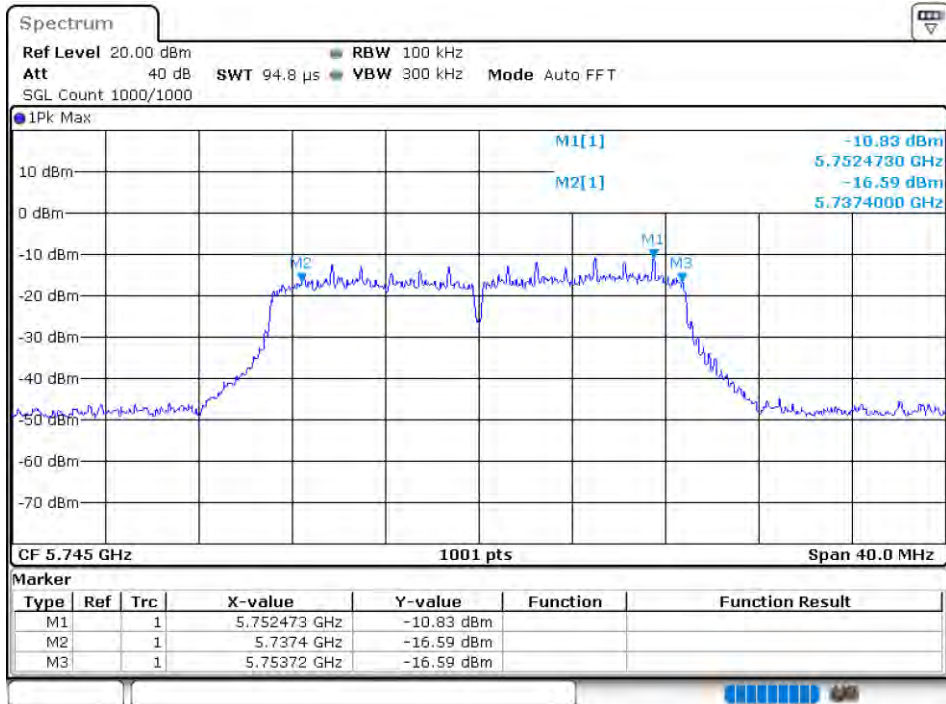
EBW NVNT 802.11a 5785MHz Ant 2



EBW NVNT 802.11a 5825MHz Ant 2

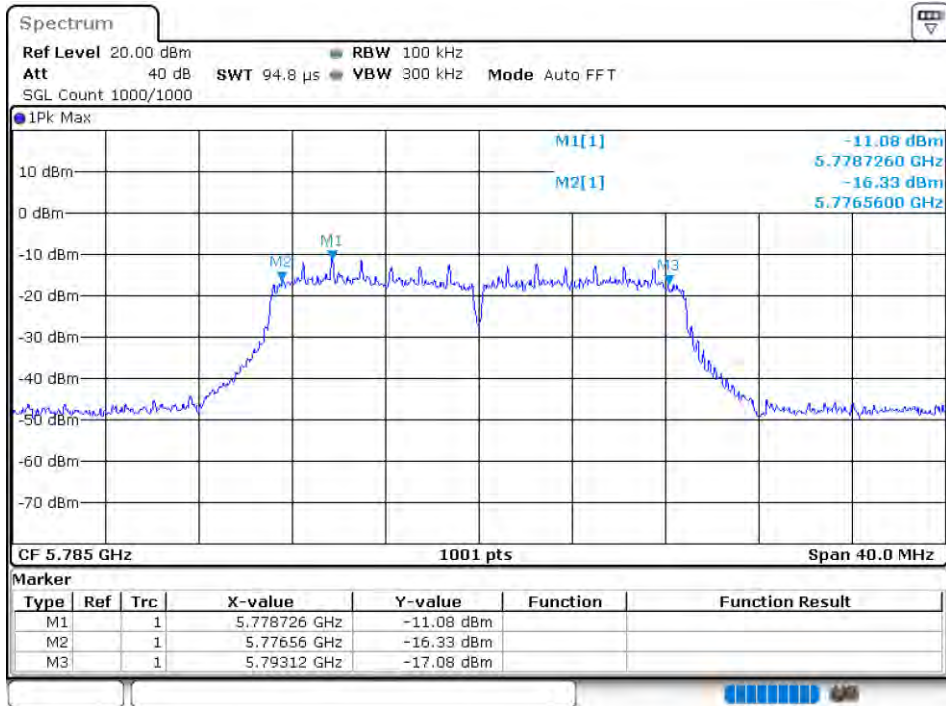


EBW NVNT 802.11ac20 5745MHz Ant 1

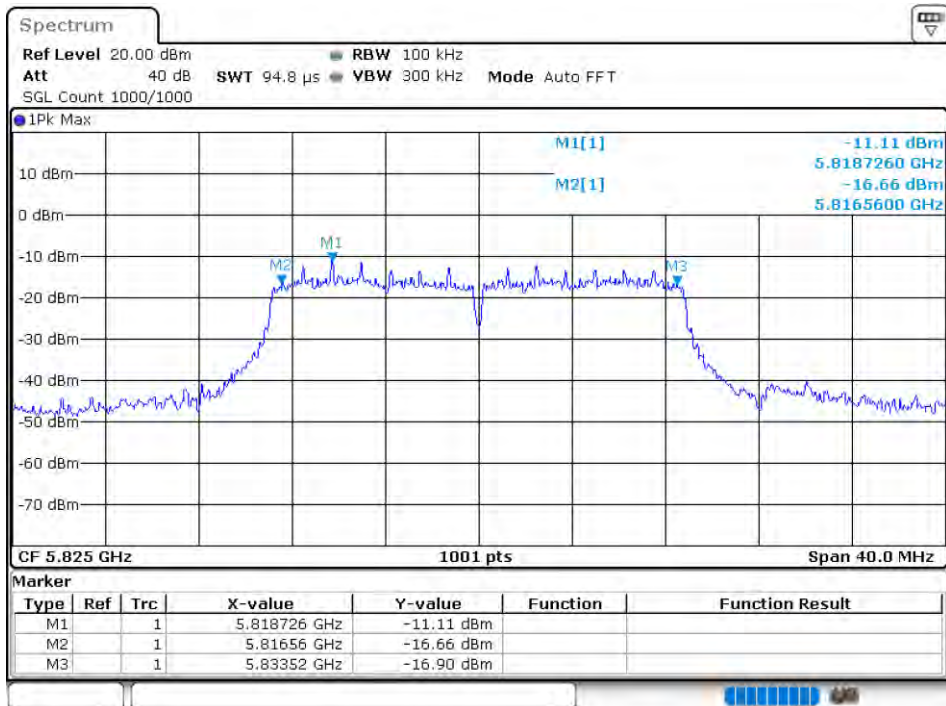




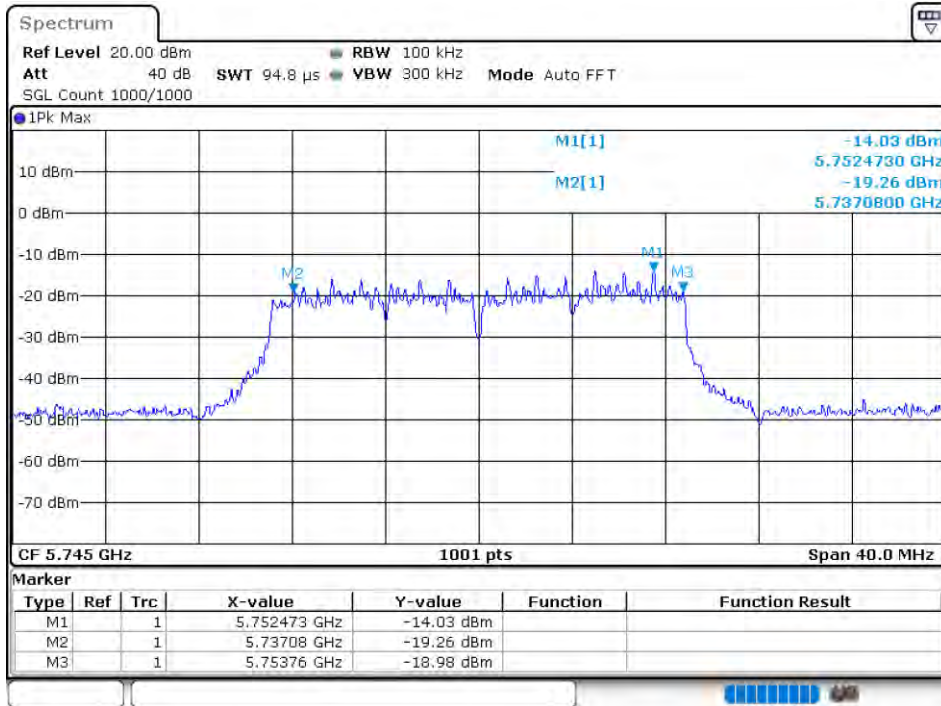
EBW NVNT 802.11ac20 5785MHz Ant 1



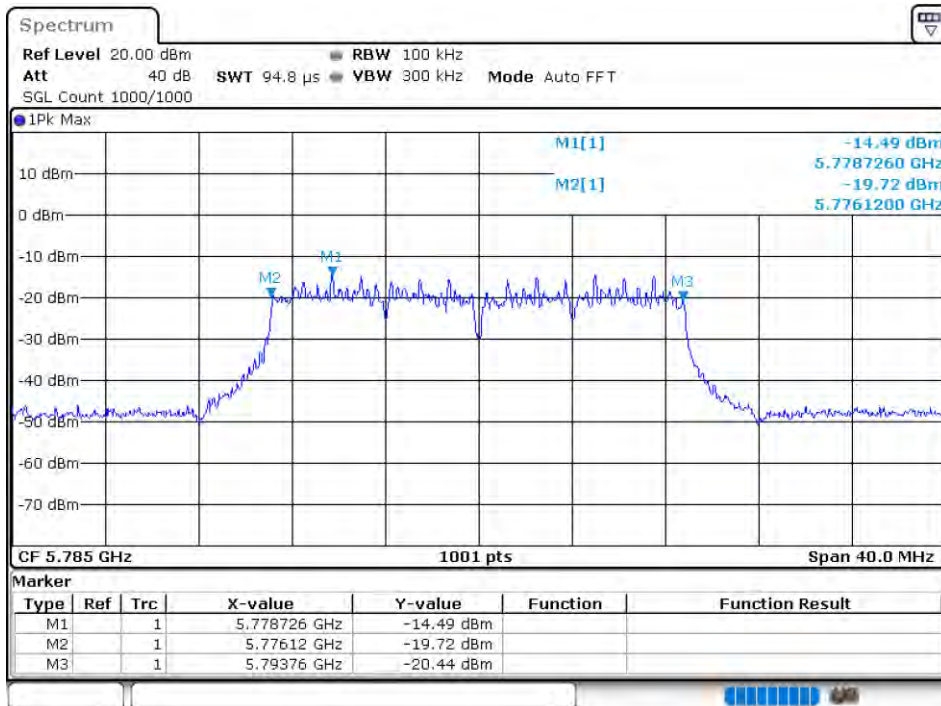
EBW NVNT 802.11ac20 5825MHz Ant 1



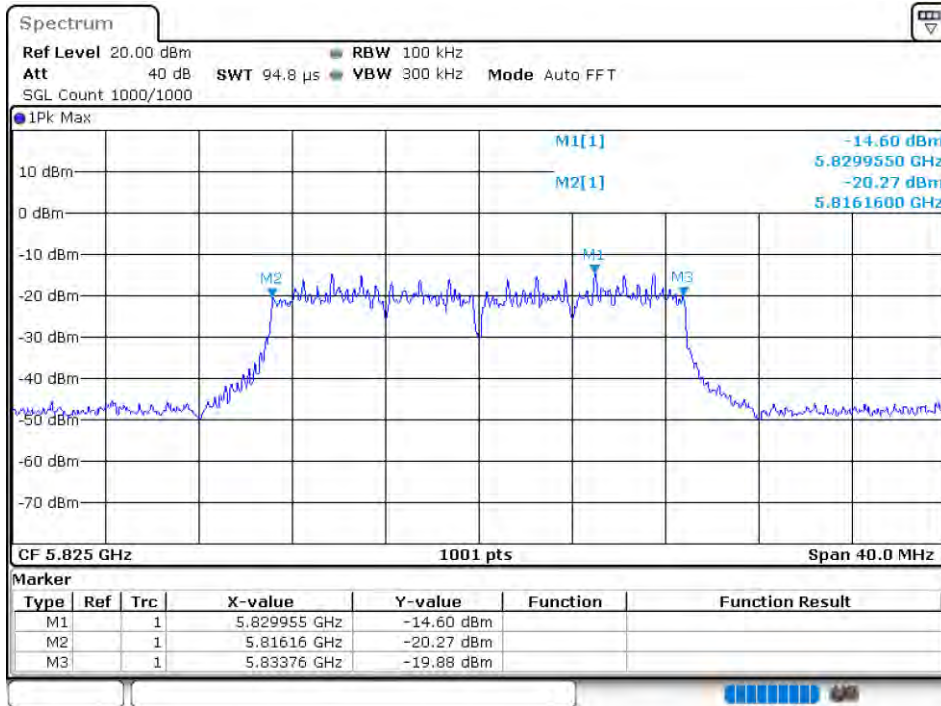
EBW NVNT 802.11ac20 5745MHz Ant 2



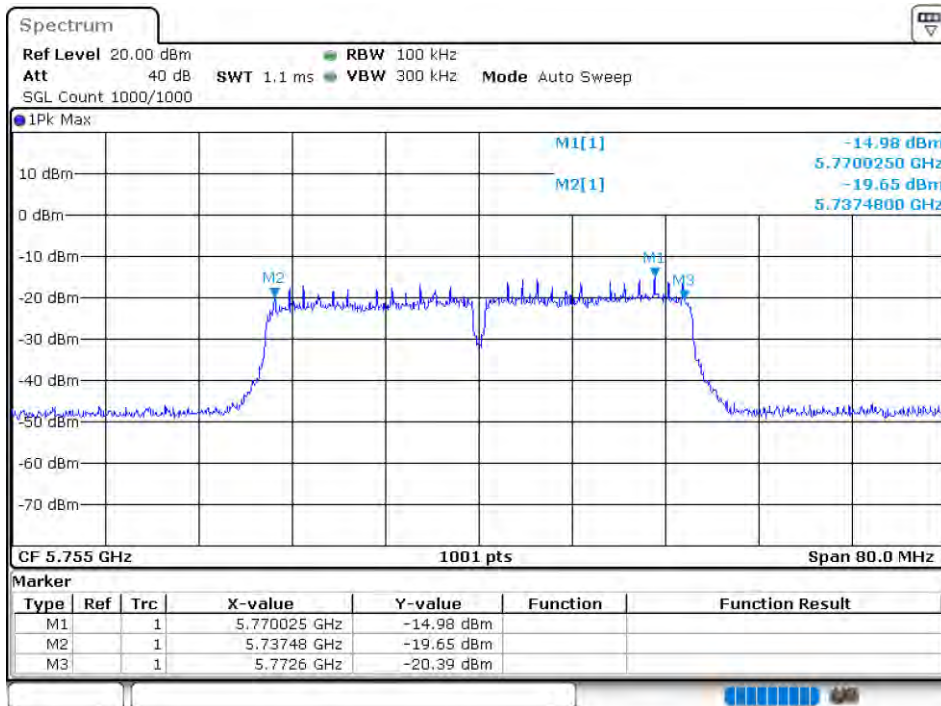
EBW NVNT 802.11ac20 5785MHz Ant 2



EBW NVNT 802.11ac20 5825MHz Ant 2

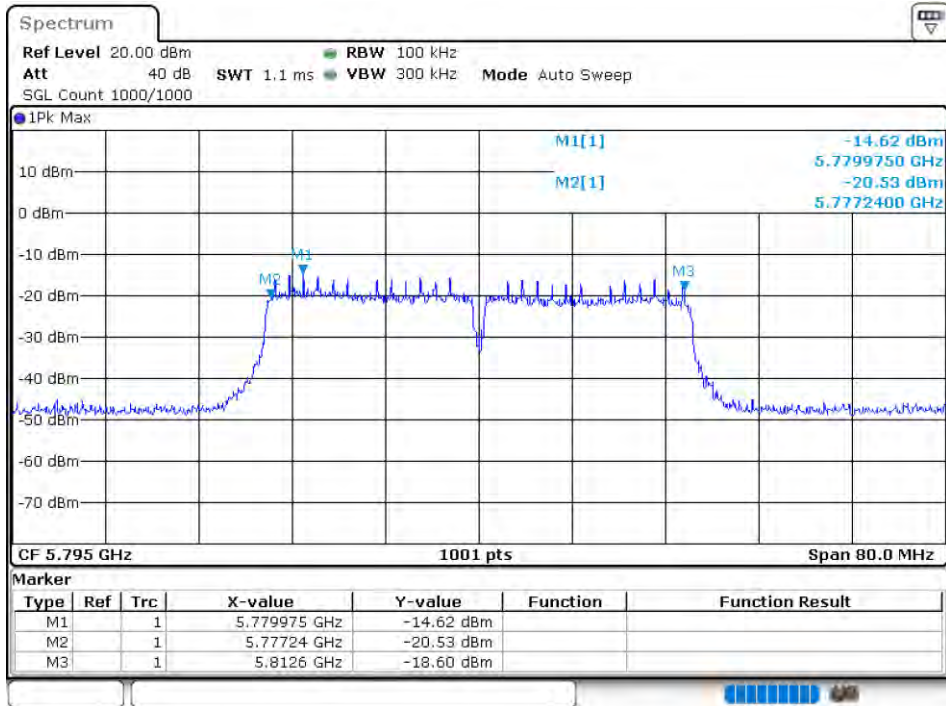


EBW NVNT 802.11ac40 5755MHz Ant 1

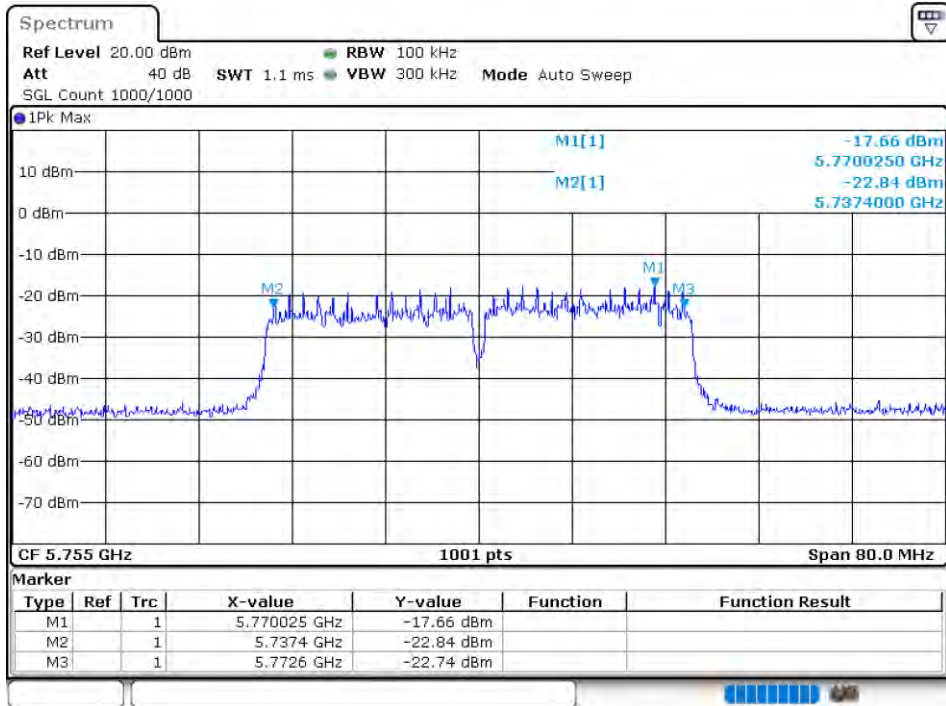




EBW NVNT 802.11ac40 5795MHz Ant 1

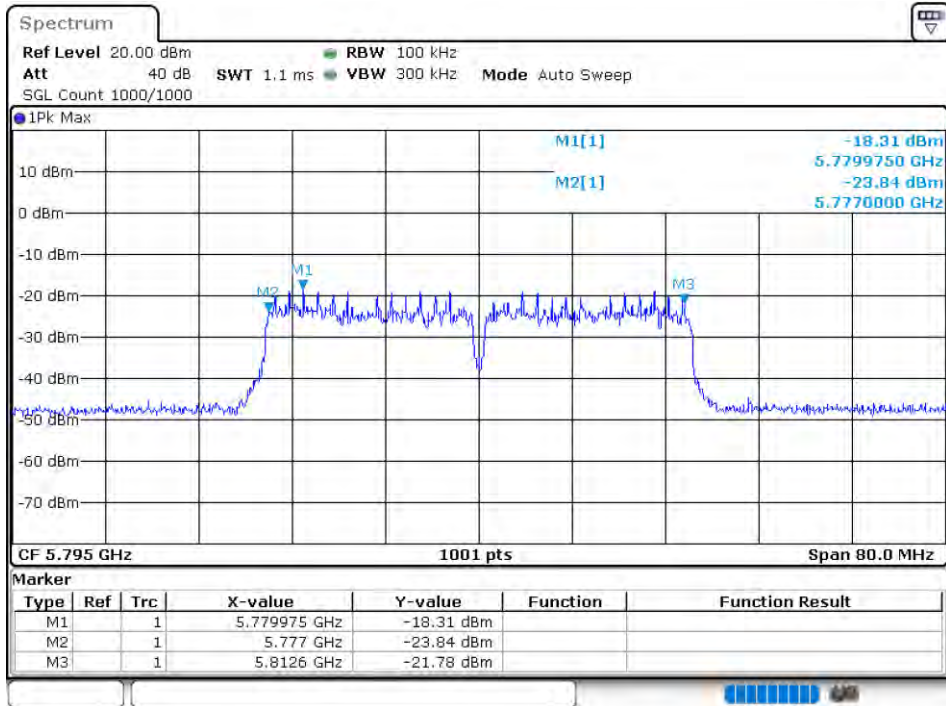


EBW NVNT 802.11ac40 5755MHz Ant 2

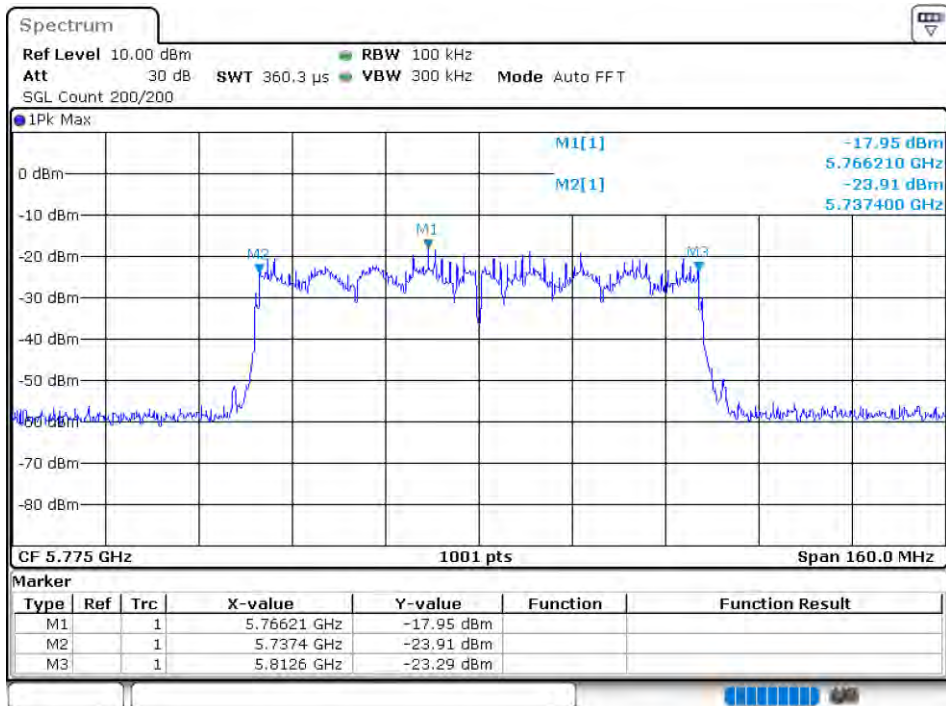




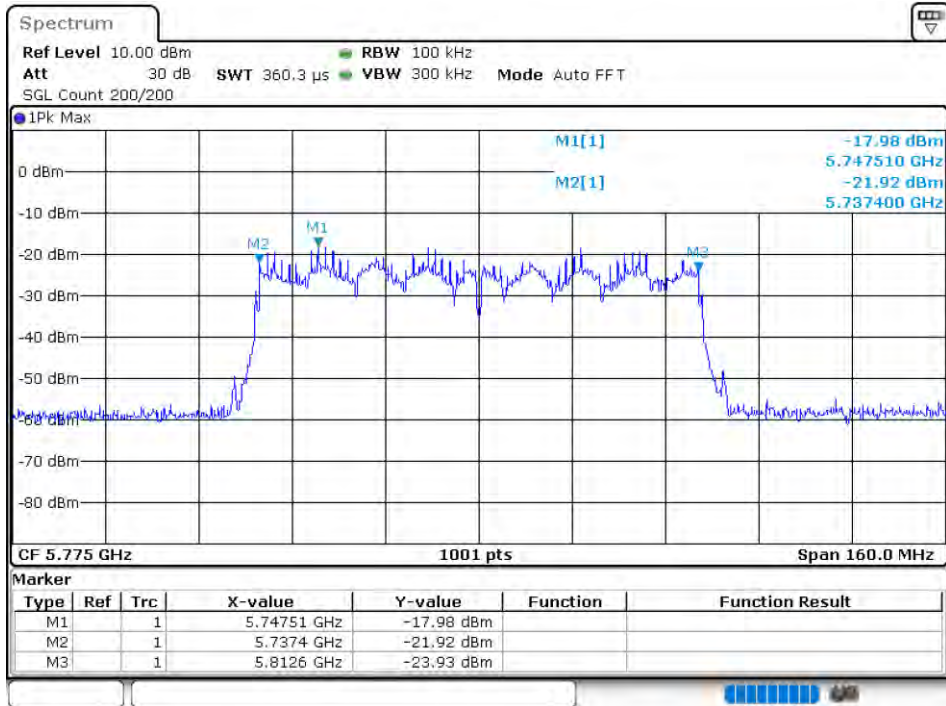
EBW NVNT 802.11ac40 5795MHz Ant 2



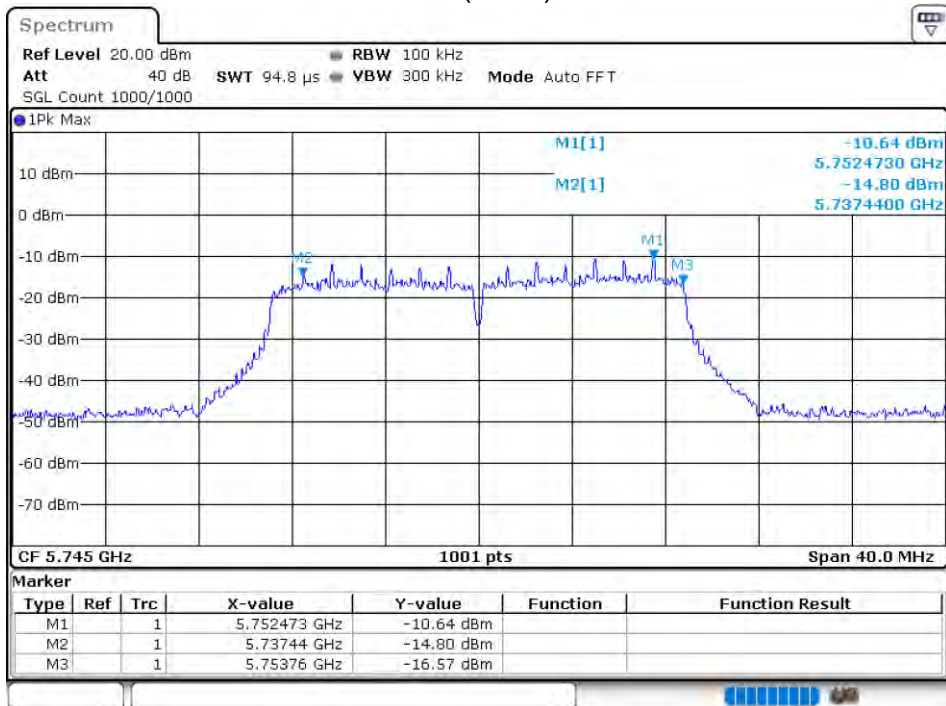
EBW NVNT 802.11ac80 5775MHz Ant 1



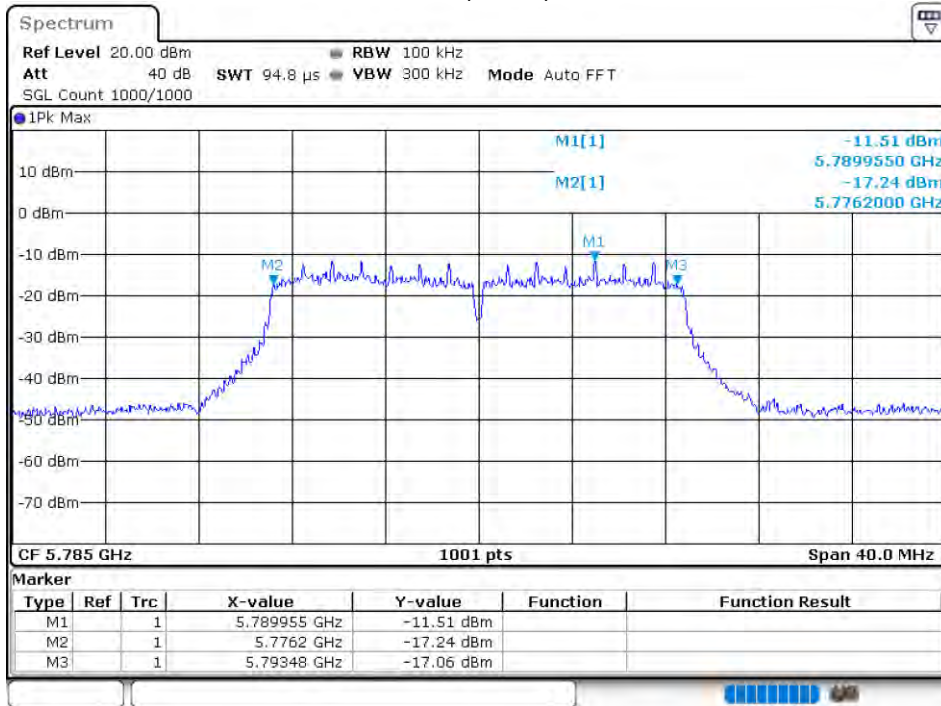
EBW NVNT 802.11ac80 5775MHz Ant 2



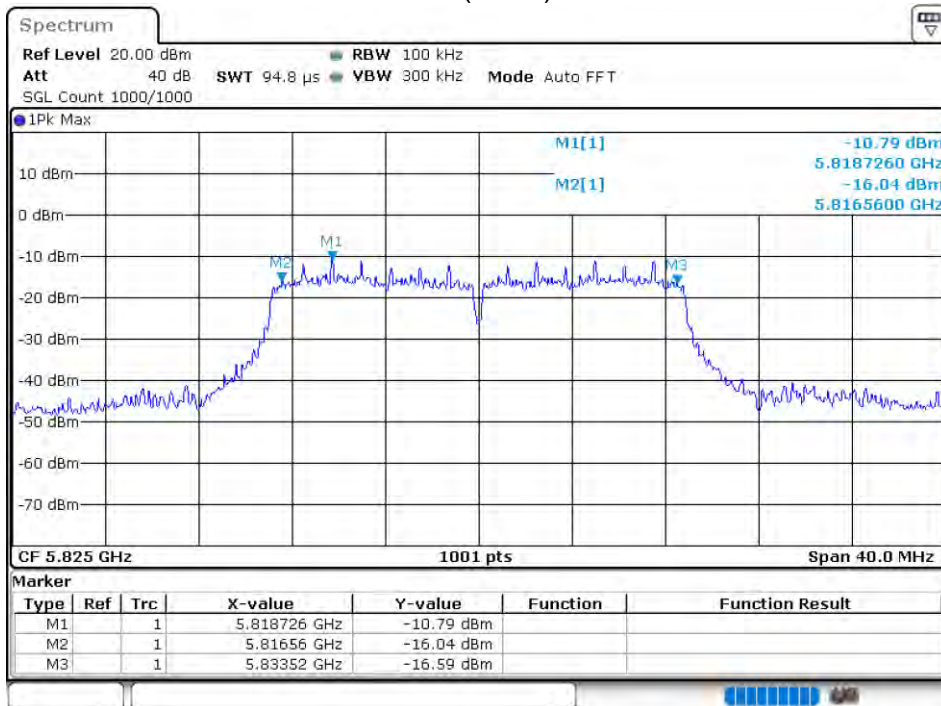
EBW NVNT 802.11n(HT20) 5745MHz Ant 1



EBW NVNT 802.11n(HT20) 5785MHz Ant 1

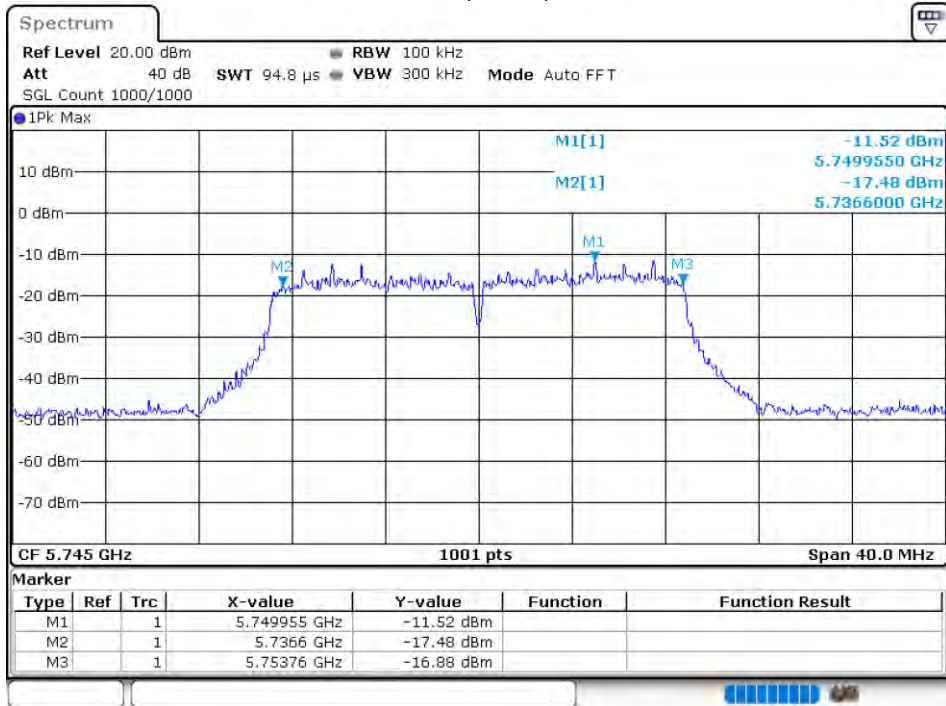


EBW NVNT 802.11n(HT20) 5825MHz Ant 1

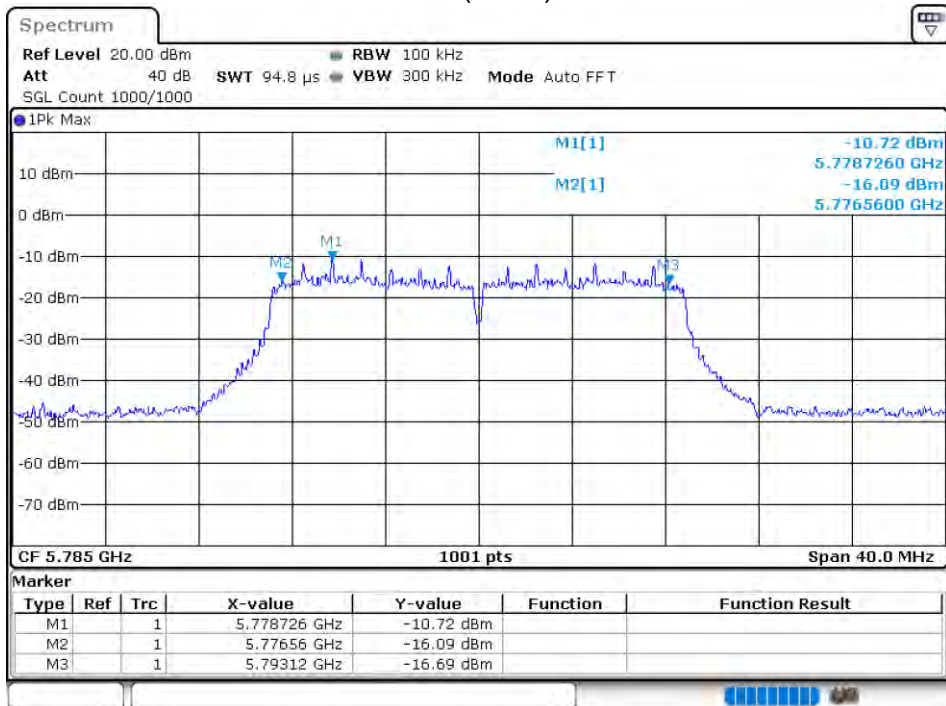




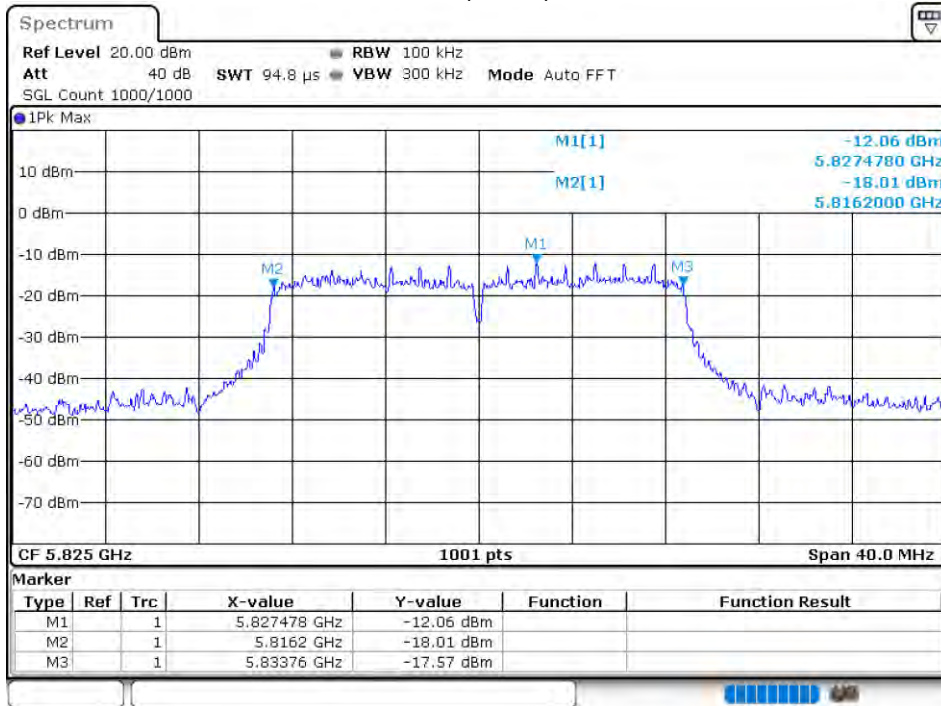
EBW NVNT 802.11n(HT20) 5745MHz Ant 2



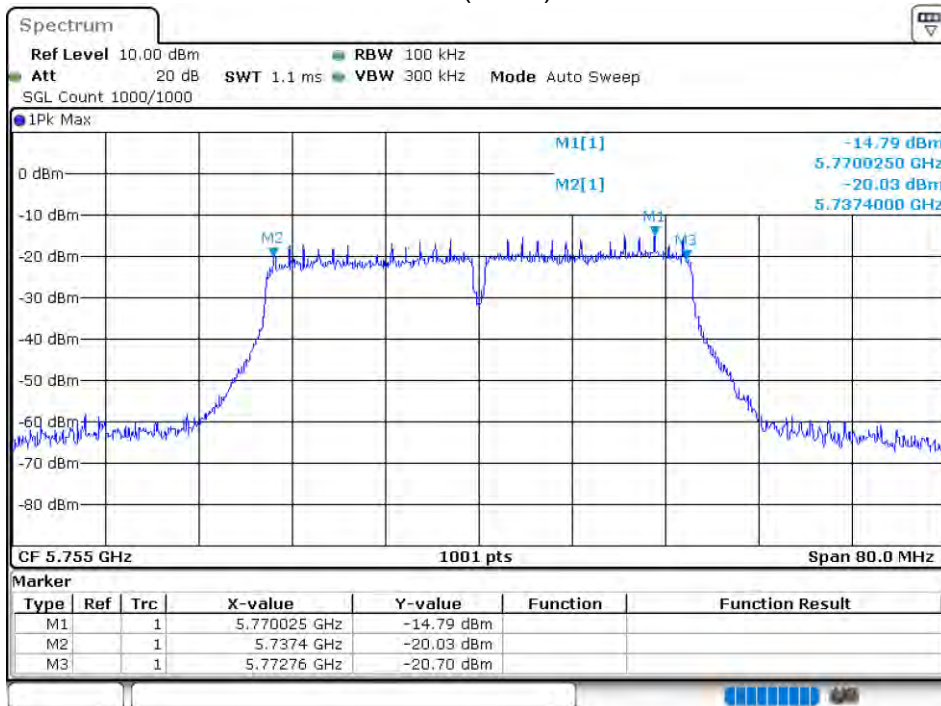
EBW NVNT 802.11n(HT20) 5785MHz Ant 2



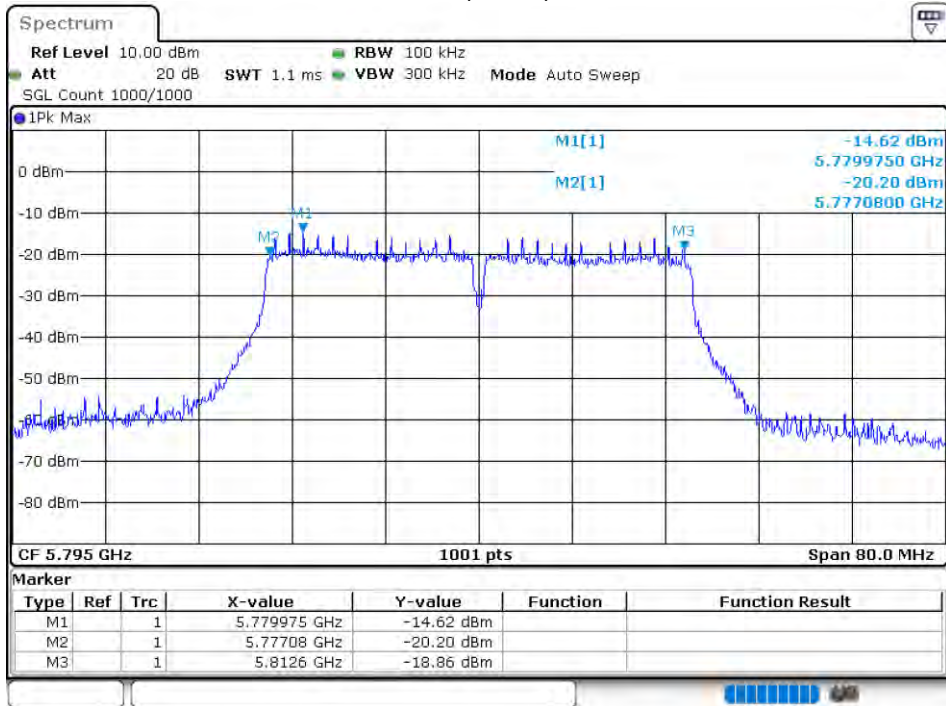
EBW NVNT 802.11n(HT20) 5825MHz Ant 2



EBW NVNT 802.11n(HT40) 5755MHz Ant 1



EBW NVNT 802.11n(HT40) 5795MHz Ant 1



EBW NVNT 802.11n(HT40) 5755MHz Ant 2

