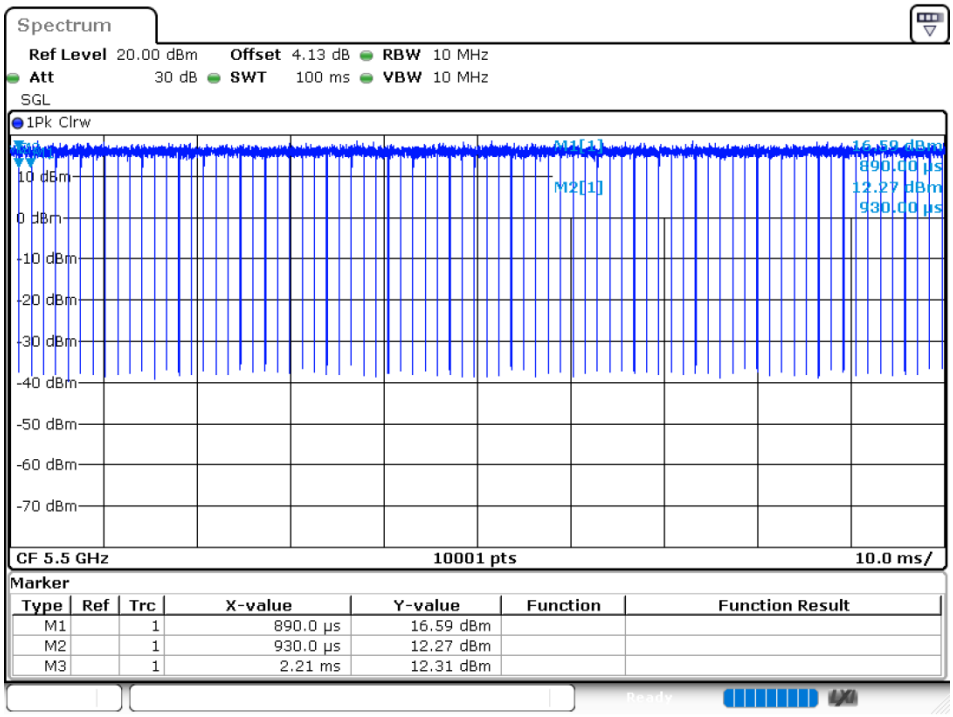
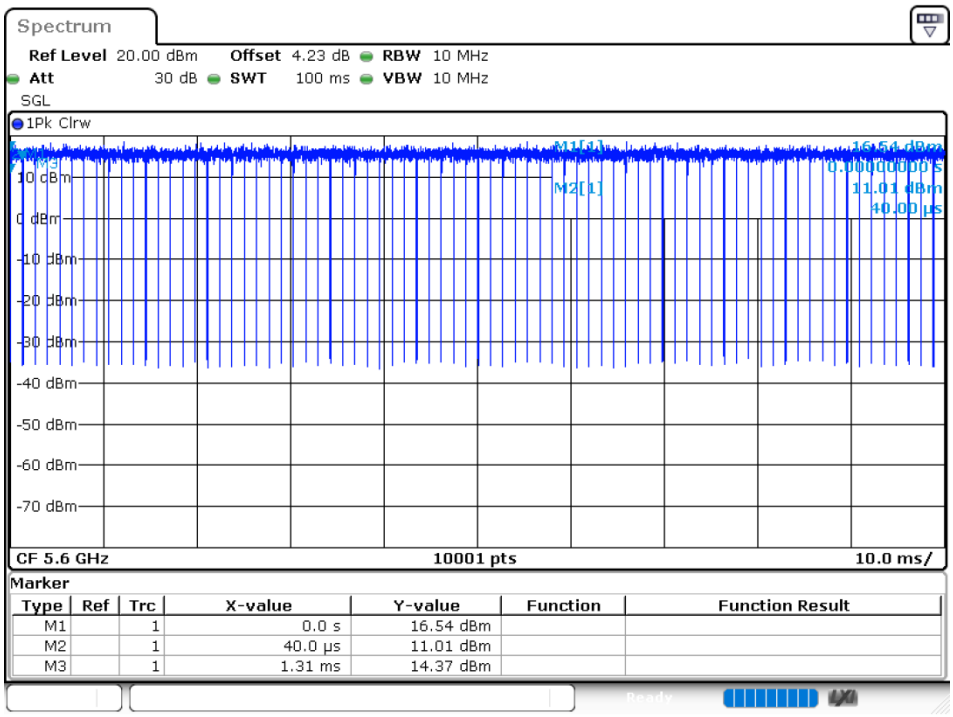
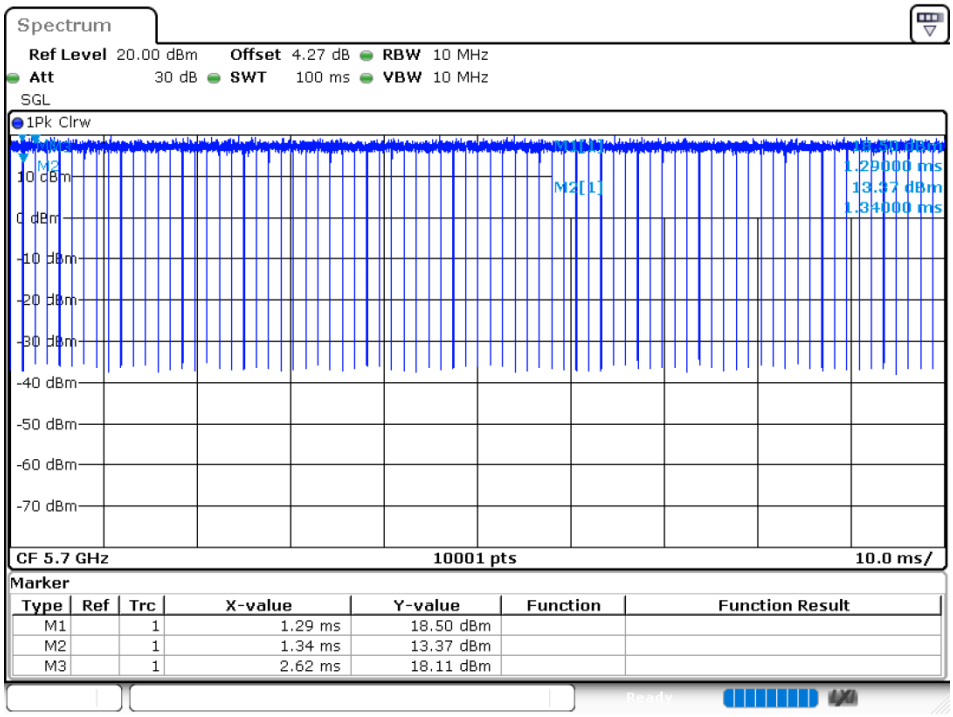
Duty Cycle NVNT n20 5500MHz Sum



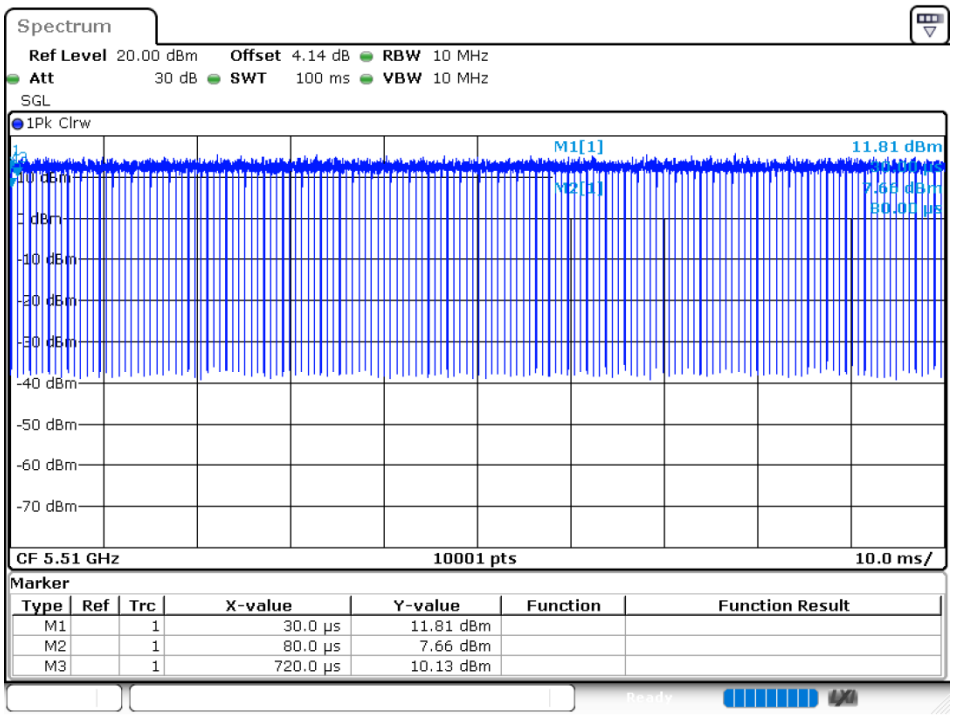
Duty Cycle NVNT n20 5600MHz Sum



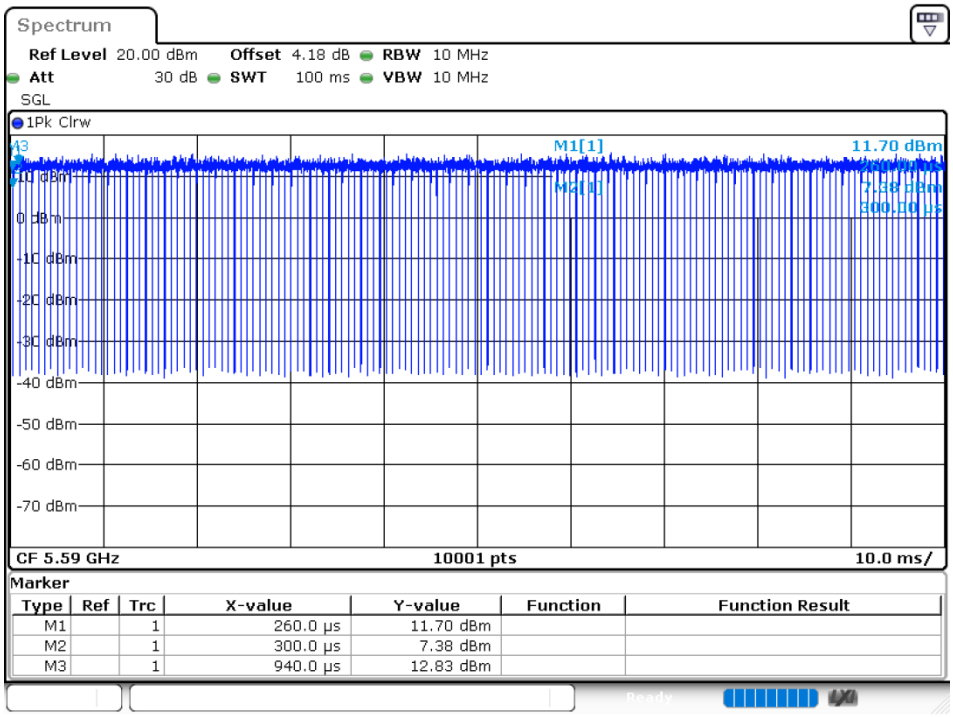
Duty Cycle NVNT n20 5700MHz Sum



Duty Cycle NVNT n40 5510MHz Sum



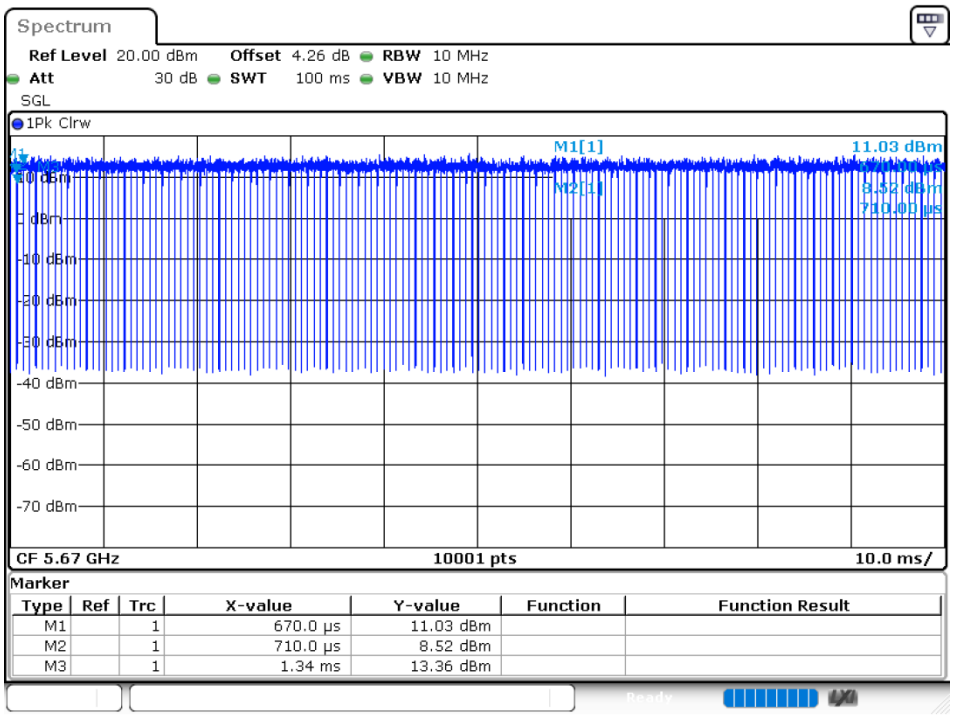
Duty Cycle NVNT n40 5590MHz Sum



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	260.0 µs	11.70 dBm		
M2		1	300.0 µs	7.38 dBm		
M3		1	940.0 µs	12.83 dBm		

Duty Cycle NVNT n40 5670MHz Sum



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	670.0 µs	11.03 dBm		
M2		1	710.0 µs	8.52 dBm		
M3		1	1.34 ms	13.36 dBm		

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5500	Ant1	12.31	23.89	Pass
NVNT	ac20	5500	Ant2	6.68	23.89	Pass
NVNT	ac20	5500	Sum	13.36	23.89	Pass
NVNT	ac20	5600	Ant1	13.02	23.89	Pass
NVNT	ac20	5600	Ant2	5.48	23.89	Pass
NVNT	ac20	5600	Sum	13.72	23.89	Pass
NVNT	ac20	5700	Ant1	11.39	23.89	Pass
NVNT	ac20	5700	Ant2	3.61	23.89	Pass
NVNT	ac20	5700	Sum	12.06	23.89	Pass
NVNT	ac40	5510	Ant1	11.36	23.89	Pass
NVNT	ac40	5510	Ant2	5.44	23.89	Pass
NVNT	ac40	5510	Sum	12.35	23.89	Pass
NVNT	ac40	5590	Ant1	12.24	23.89	Pass
NVNT	ac40	5590	Ant2	4.7	23.89	Pass
NVNT	ac40	5590	Sum	12.94	23.89	Pass
NVNT	ac40	5670	Ant1	11.81	23.89	Pass
NVNT	ac40	5670	Ant2	3.77	23.89	Pass
NVNT	ac40	5670	Sum	12.44	23.89	Pass
NVNT	ac80	5530	Ant1	11.38	23.89	Pass
NVNT	ac80	5530	Ant2	4.89	23.89	Pass
NVNT	ac80	5530	Sum	12.26	23.89	Pass
NVNT	ac80	5610	Ant1	10.76	23.89	Pass
NVNT	ac80	5610	Ant2	3.42	23.89	Pass
NVNT	ac80	5610	Sum	11.5	23.89	Pass
NVNT	n20	5500	Ant1	12.34	23.89	Pass
NVNT	n20	5500	Ant2	6.64	23.89	Pass
NVNT	n20	5500	Sum	13.38	23.89	Pass
NVNT	n20	5600	Ant1	12.71	23.89	Pass
NVNT	n20	5600	Ant2	5.52	23.89	Pass
NVNT	n20	5600	Sum	13.47	23.89	Pass
NVNT	n20	5700	Ant1	11.42	23.89	Pass
NVNT	n20	5700	Ant2	3.62	23.89	Pass
NVNT	n20	5700	Sum	12.09	23.89	Pass
NVNT	n40	5510	Ant1	11.39	23.89	Pass
NVNT	n40	5510	Ant2	5.44	23.89	Pass
NVNT	n40	5510	Sum	12.37	23.89	Pass
NVNT	n40	5590	Ant1	12.32	23.89	Pass
NVNT	n40	5590	Ant2	4.7	23.89	Pass

NVNT	n40	5590	Sum	13.01	23.89	Pass
NVNT	n40	5670	Ant1	11.82	23.89	Pass
NVNT	n40	5670	Ant2	3.73	23.89	Pass
NVNT	n40	5670	Sum	12.45	23.89	Pass

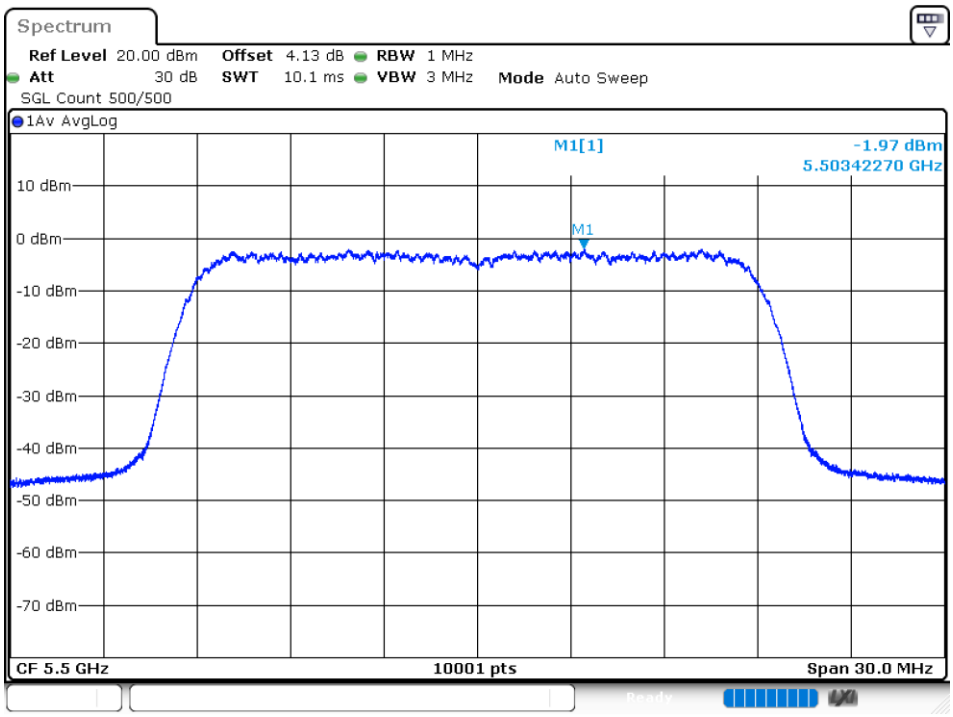
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5500	Ant1	-1.97	0.09	-1.88	10.89	Pass
NVNT	ac20	5500	Ant2	-8.2	0.09	-8.11	10.89	Pass
NVNT	ac20	5500	Sum	-1.04	0.09	-0.95	10.89	Pass
NVNT	ac20	5600	Ant1	-0.83	0.11	-0.72	10.89	Pass
NVNT	ac20	5600	Ant2	-8.01	0.11	-7.9	10.89	Pass
NVNT	ac20	5600	Sum	-0.07	0.11	0.04	10.89	Pass
NVNT	ac20	5700	Ant1	-2.18	0.1	-2.08	10.89	Pass
NVNT	ac20	5700	Ant2	-10.22	0.1	-10.12	10.89	Pass
NVNT	ac20	5700	Sum	-1.55	0.1	-1.45	10.89	Pass
NVNT	ac40	5510	Ant1	-7.33	0.21	-7.12	10.89	Pass
NVNT	ac40	5510	Ant2	-13.87	0.21	-13.66	10.89	Pass
NVNT	ac40	5510	Sum	-6.46	0.21	-6.25	10.89	Pass
NVNT	ac40	5590	Ant1	-6.74	0.2	-6.54	10.89	Pass
NVNT	ac40	5590	Ant2	-14.26	0.2	-14.06	10.89	Pass
NVNT	ac40	5590	Sum	-6.03	0.2	-5.83	10.89	Pass
NVNT	ac40	5670	Ant1	-4.97	0.21	-4.76	10.89	Pass
NVNT	ac40	5670	Ant2	-13.54	0.21	-13.33	10.89	Pass
NVNT	ac40	5670	Sum	-4.4	0.21	-4.19	10.89	Pass
NVNT	ac80	5530	Ant1	-10.26	0.38	-9.88	10.89	Pass
NVNT	ac80	5530	Ant2	-17.16	0.38	-16.78	10.89	Pass
NVNT	ac80	5530	Sum	-9.45	0.38	-9.07	10.89	Pass
NVNT	ac80	5610	Ant1	-13.33	0.37	-12.96	10.89	Pass
NVNT	ac80	5610	Ant2	-19.93	0.37	-19.56	10.89	Pass
NVNT	ac80	5610	Sum	-12.47	0.37	-12.1	10.89	Pass
NVNT	n20	5500	Ant1	-0.84	0.1	-0.74	10.89	Pass
NVNT	n20	5500	Ant2	-7.28	0.1	-7.18	10.89	Pass
NVNT	n20	5500	Sum	0.05	0.1	0.15	10.89	Pass
NVNT	n20	5600	Ant1	-0.89	0.1	-0.79	10.89	Pass
NVNT	n20	5600	Ant2	-7.76	0.1	-7.66	10.89	Pass
NVNT	n20	5600	Sum	-0.08	0.1	0.02	10.89	Pass
NVNT	n20	5700	Ant1	-3.19	0.1	-3.09	10.89	Pass
NVNT	n20	5700	Ant2	-11.37	0.1	-11.27	10.89	Pass
NVNT	n20	5700	Sum	-2.58	0.1	-2.48	10.89	Pass
NVNT	n40	5510	Ant1	-7.1	0.21	-6.89	10.89	Pass
NVNT	n40	5510	Ant2	-13.68	0.21	-13.47	10.89	Pass
NVNT	n40	5510	Sum	-6.24	0.21	-6.03	10.89	Pass
NVNT	n40	5590	Ant1	-6.74	0.21	-6.53	10.89	Pass
NVNT	n40	5590	Ant2	-13.87	0.21	-13.66	10.89	Pass

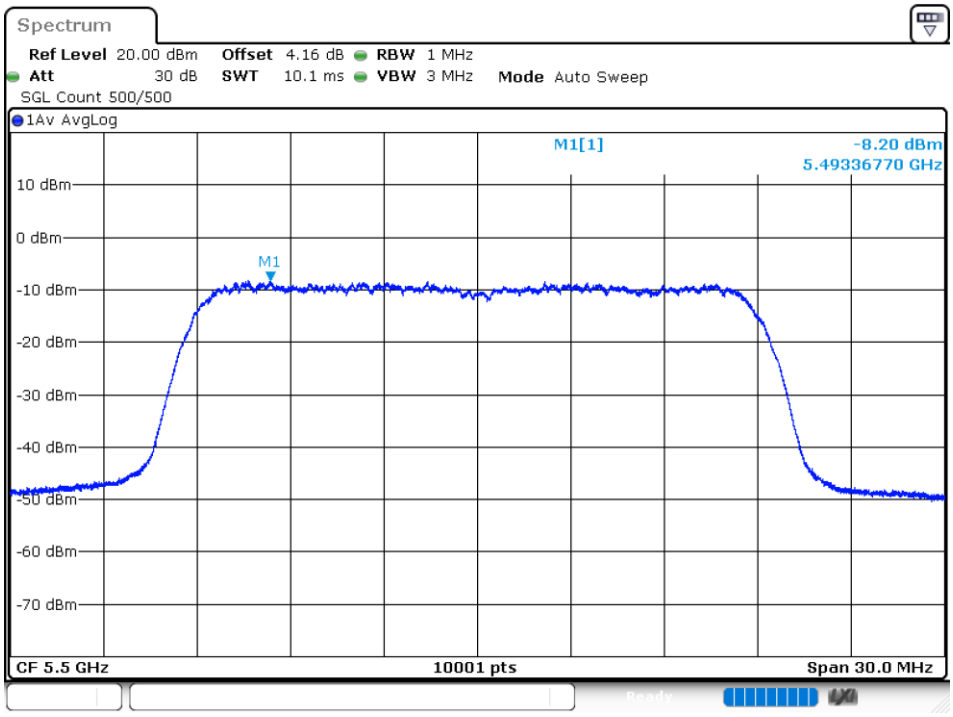
NVNT	n40	5590	Sum	-5.97	0.21	-5.76	10.89	Pass
NVNT	n40	5670	Ant1	-5.31	0.21	-5.1	10.89	Pass
NVNT	n40	5670	Ant2	-14.19	0.21	-13.98	10.89	Pass
NVNT	n40	5670	Sum	-4.78	0.21	-4.57	10.89	Pass

Test Graphs

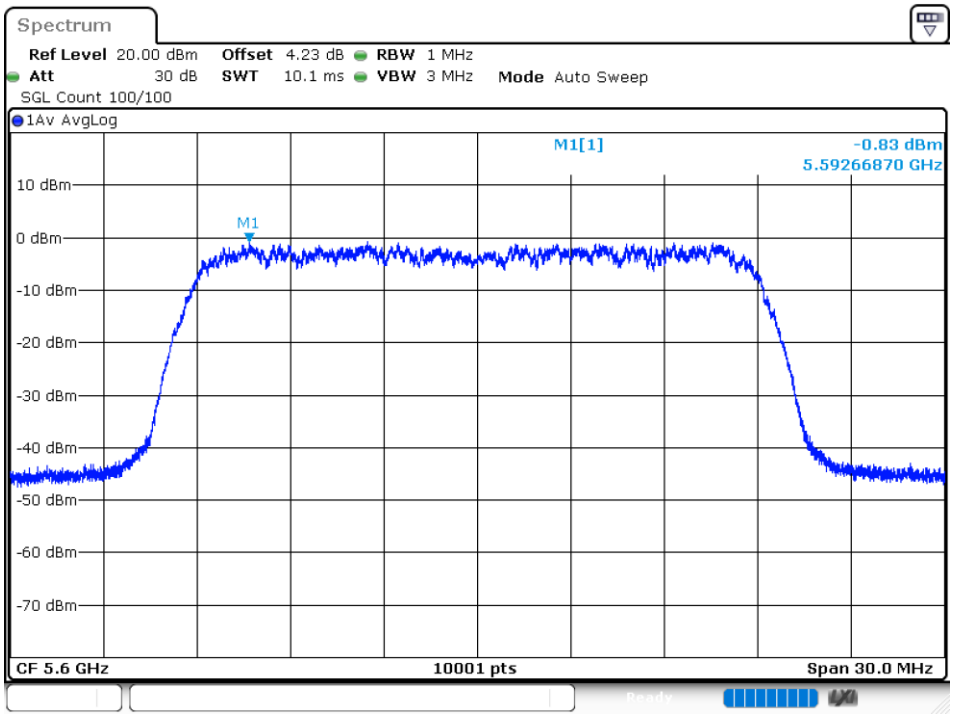
PSD NVNT ac20 5500MHz Ant1



PSD NVNT ac20 5500MHz Ant2



PSD NVNT ac20 5600MHz Ant1



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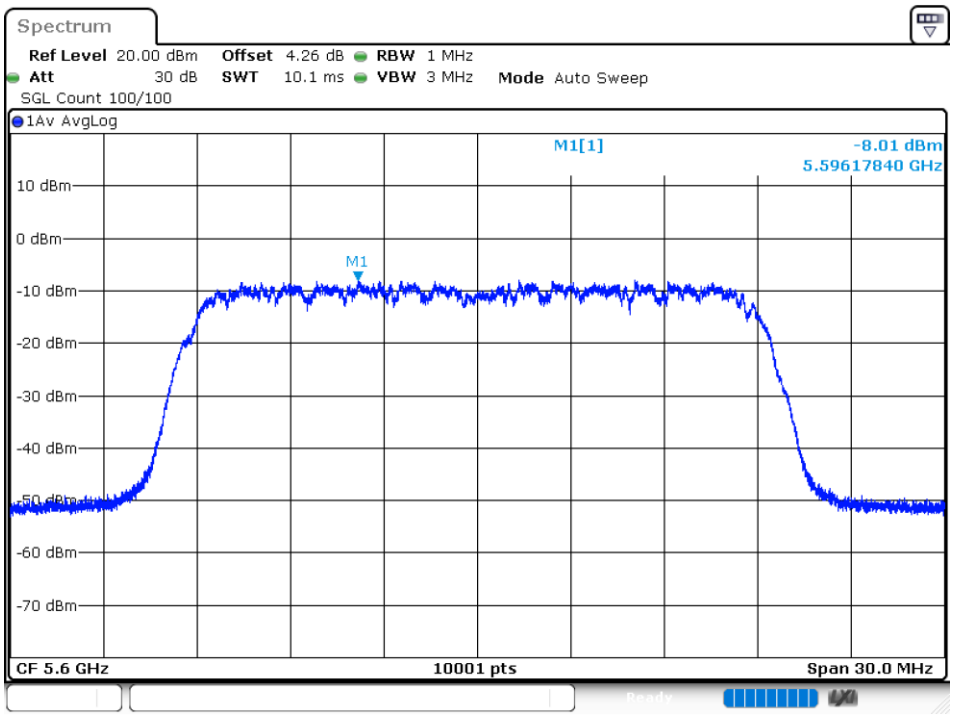
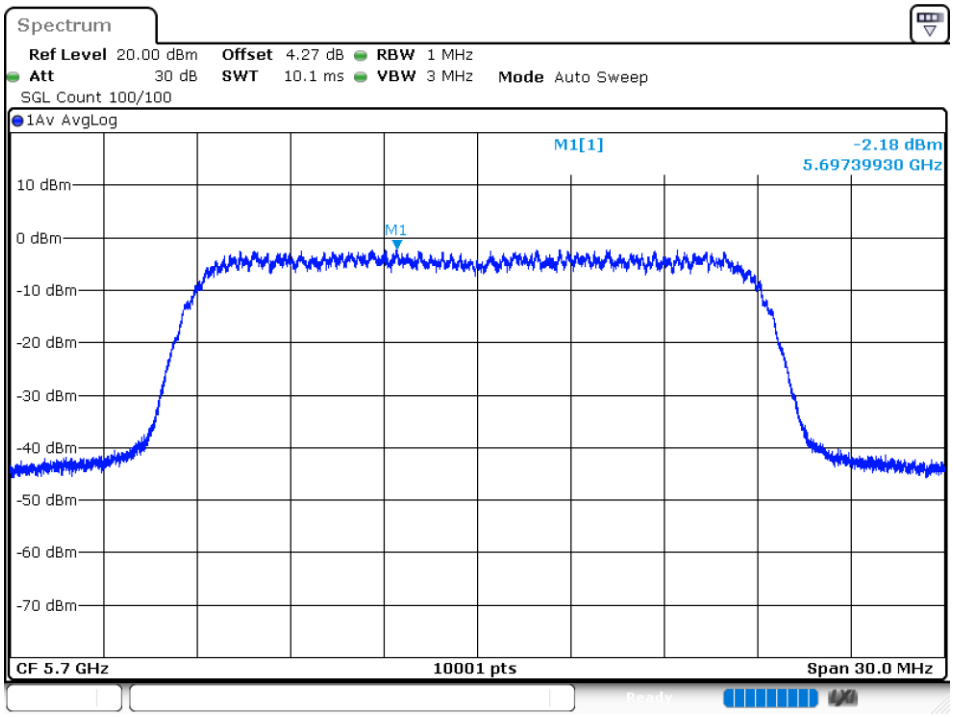


PSD NVNT ac20 5700MHz Ant1



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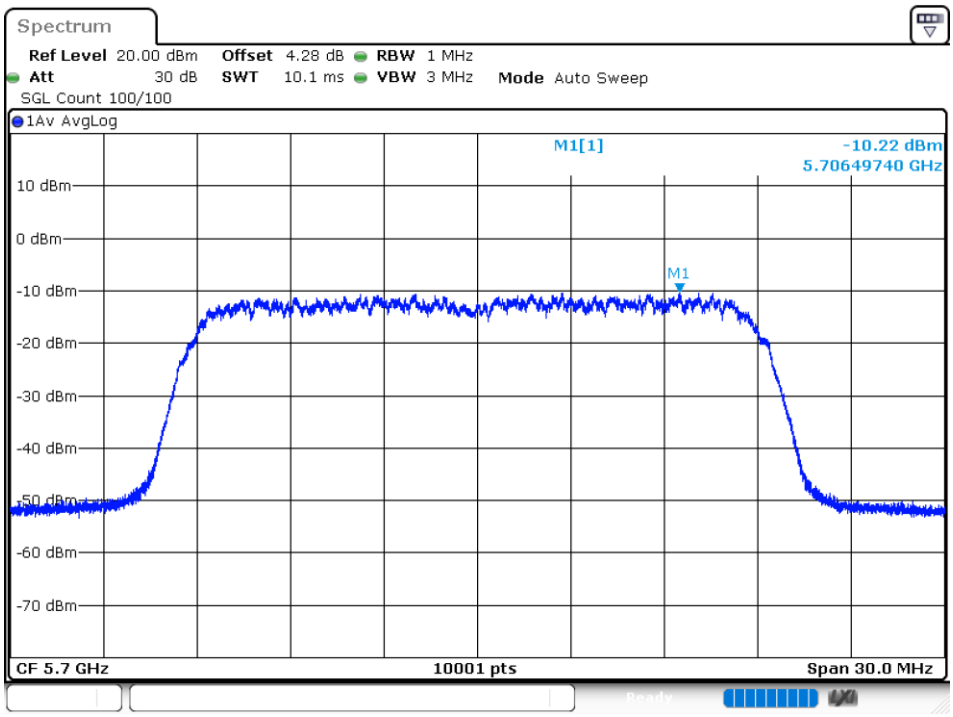
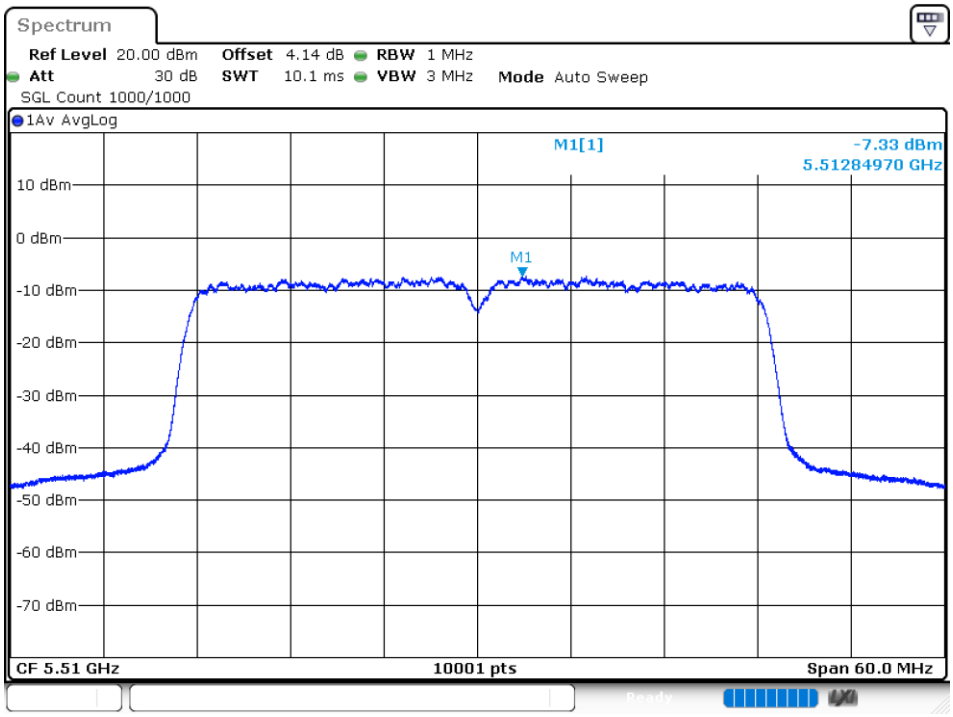


PSD NVNT ac40 5510MHz Ant1



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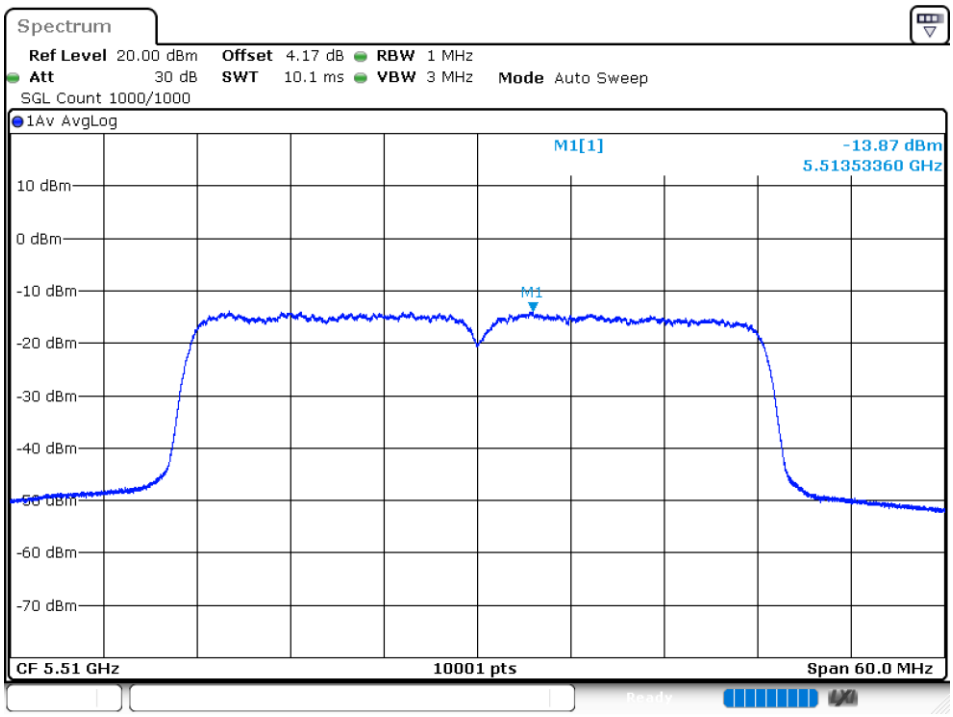
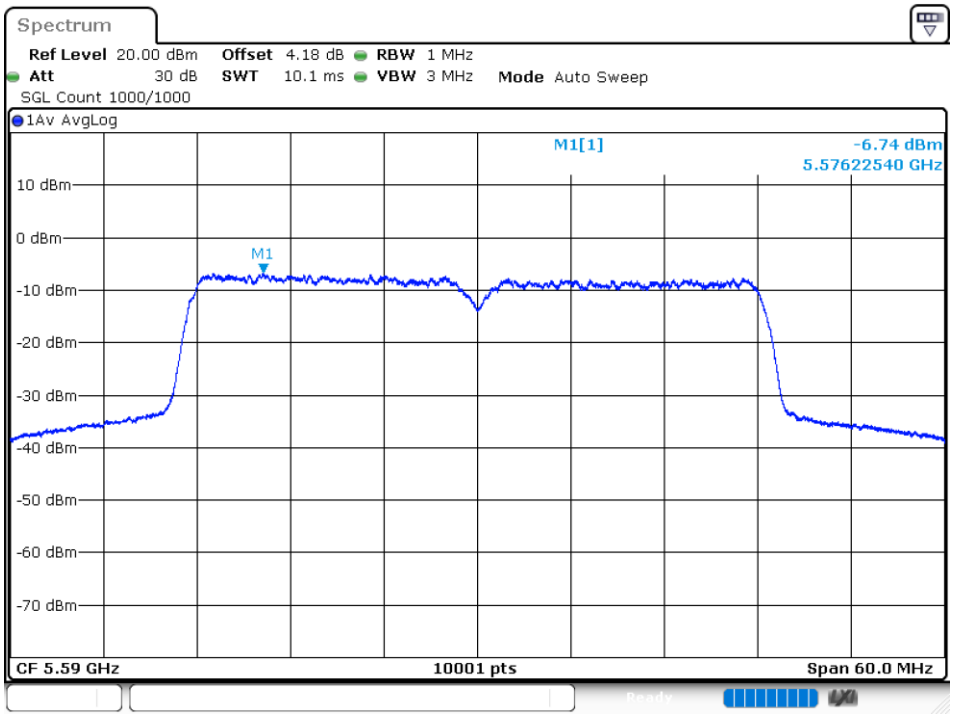


PSD NVNT ac40 5590MHz Ant1



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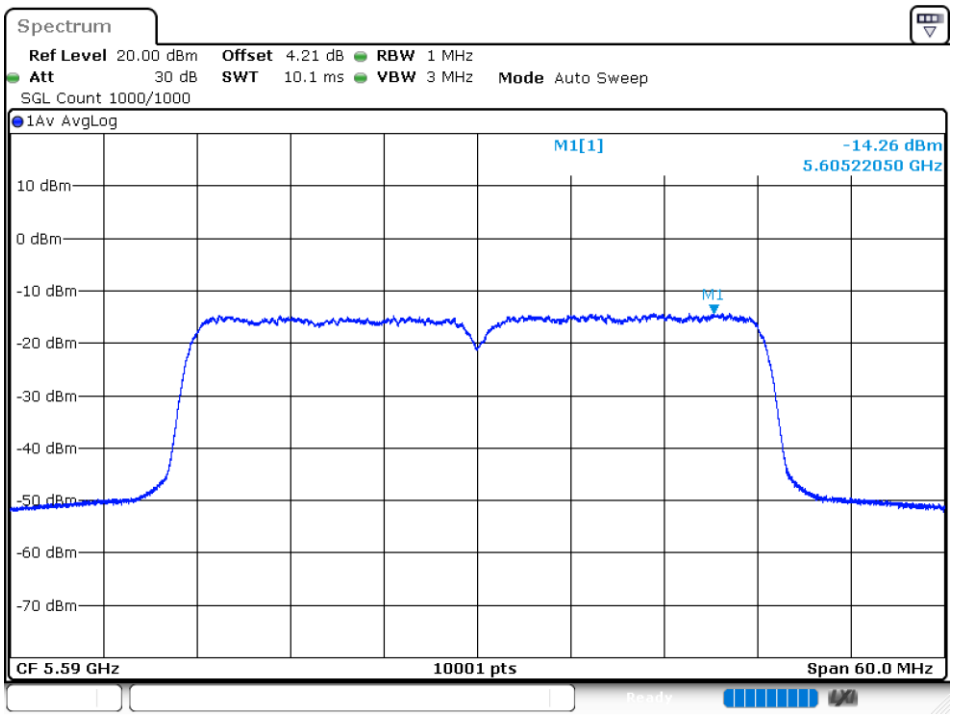
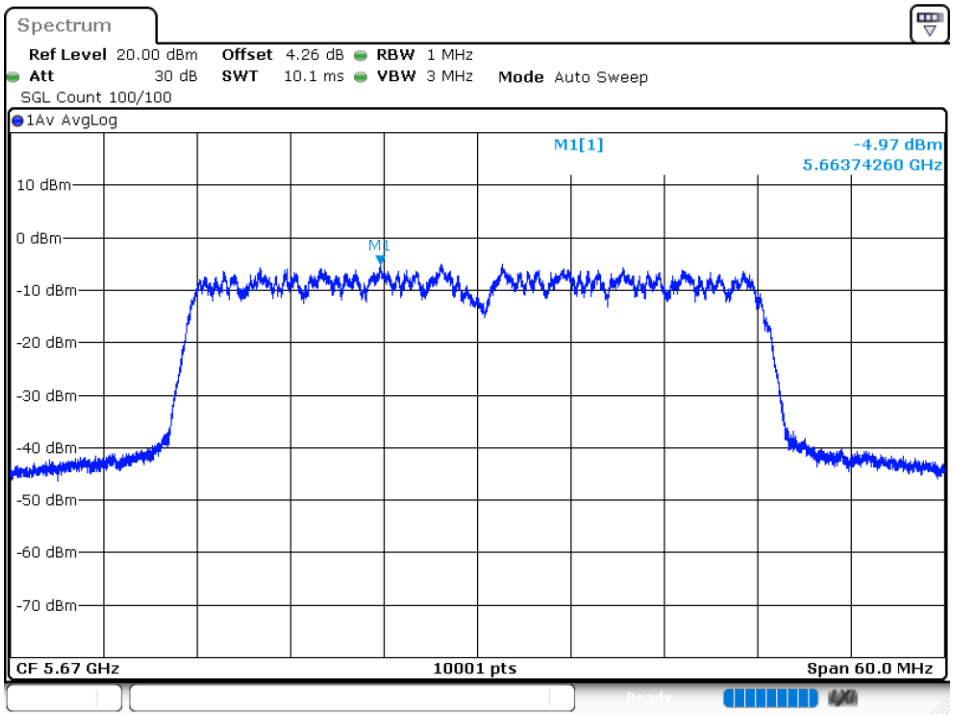
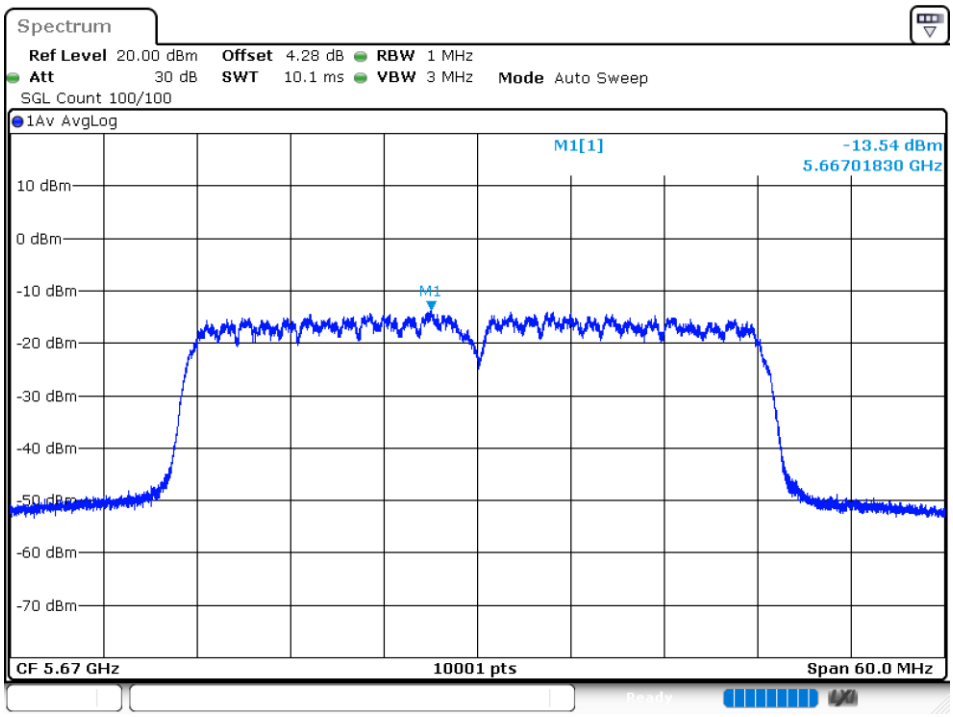


PSD NVNT ac40 5670MHz Ant1



PSD NVNT ac40 5670MHz Ant2



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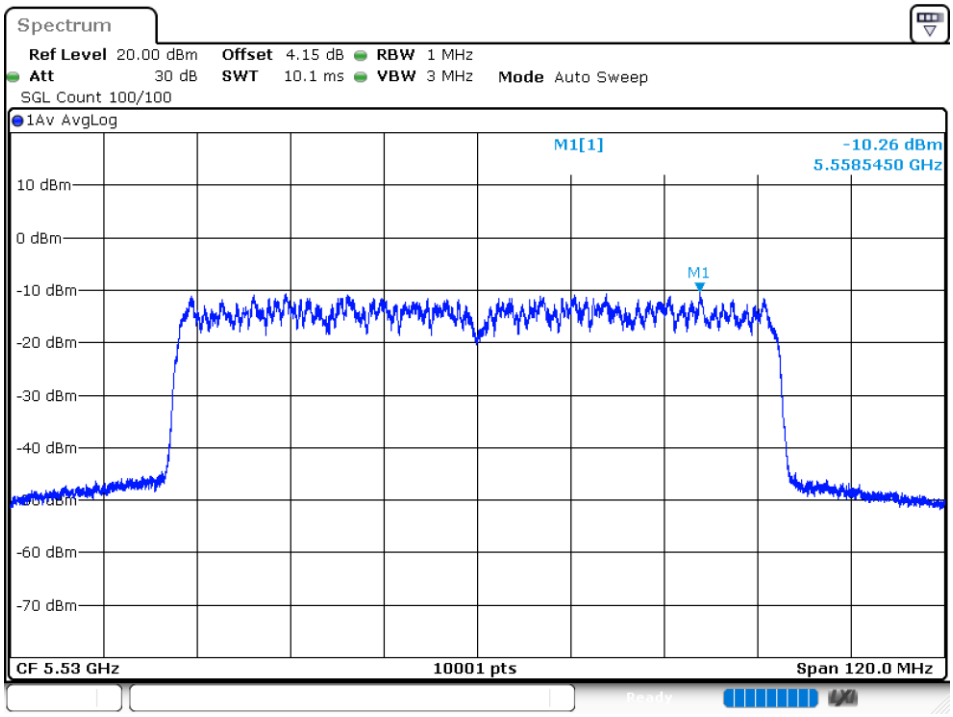
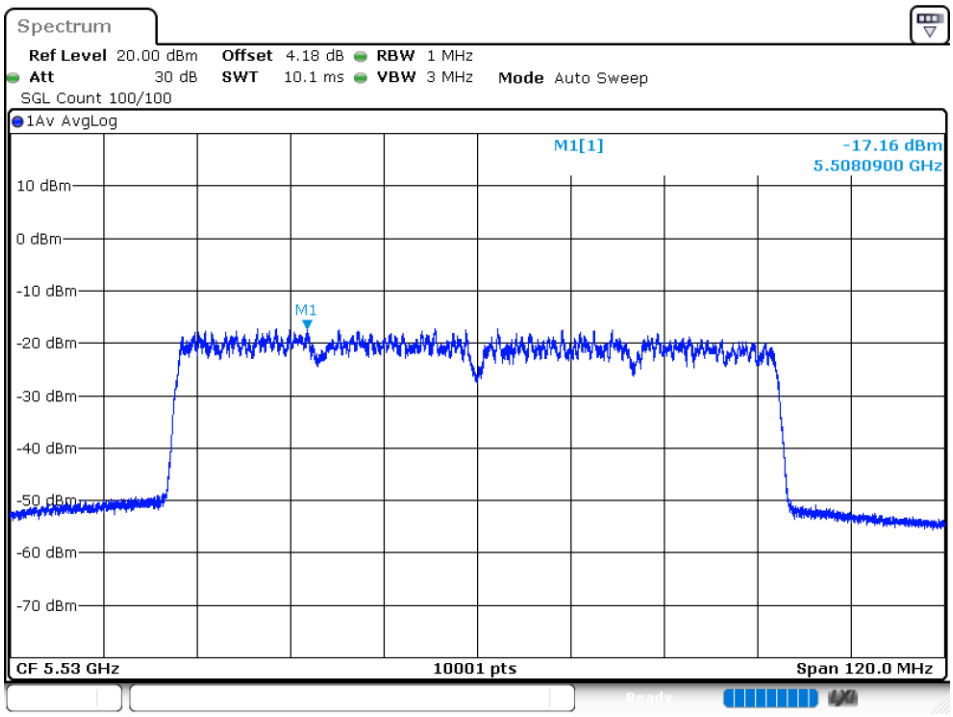
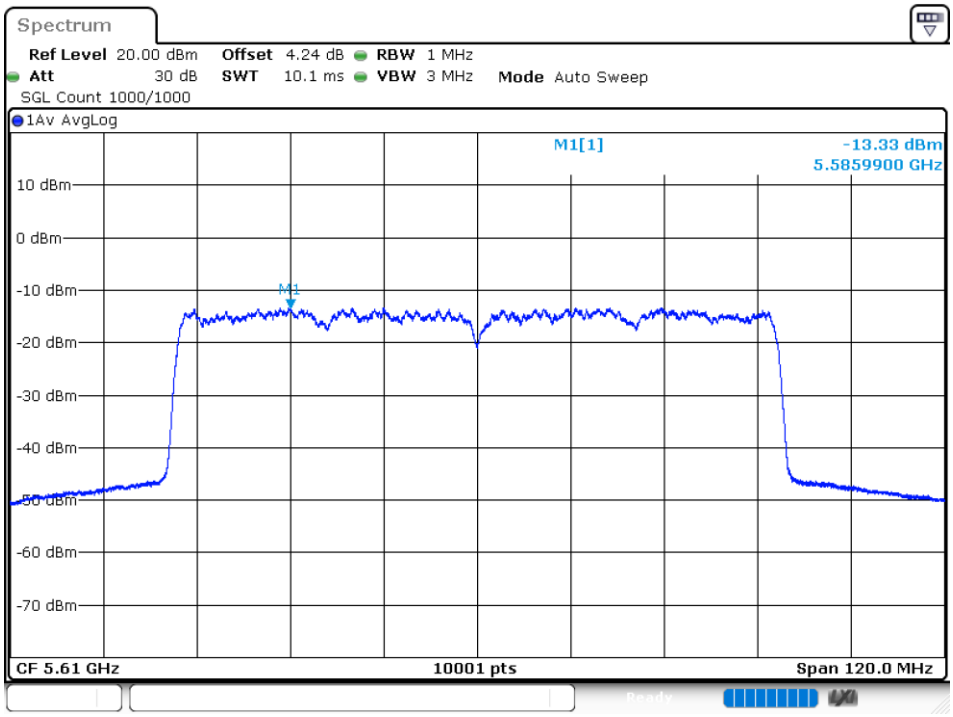


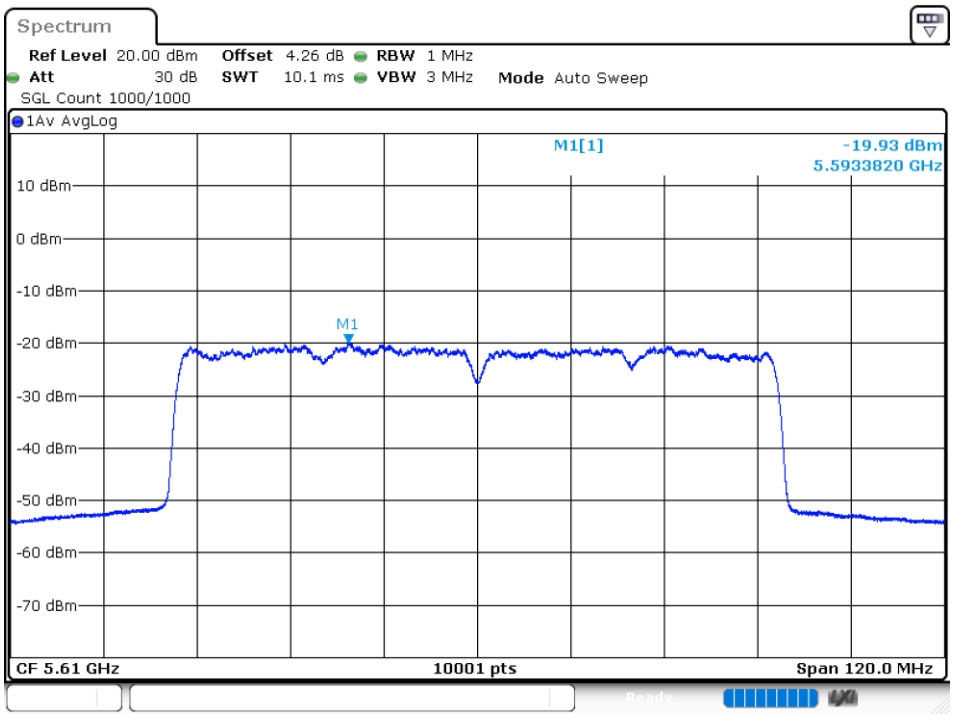
PSD NVNT ac80 5530MHz Ant2



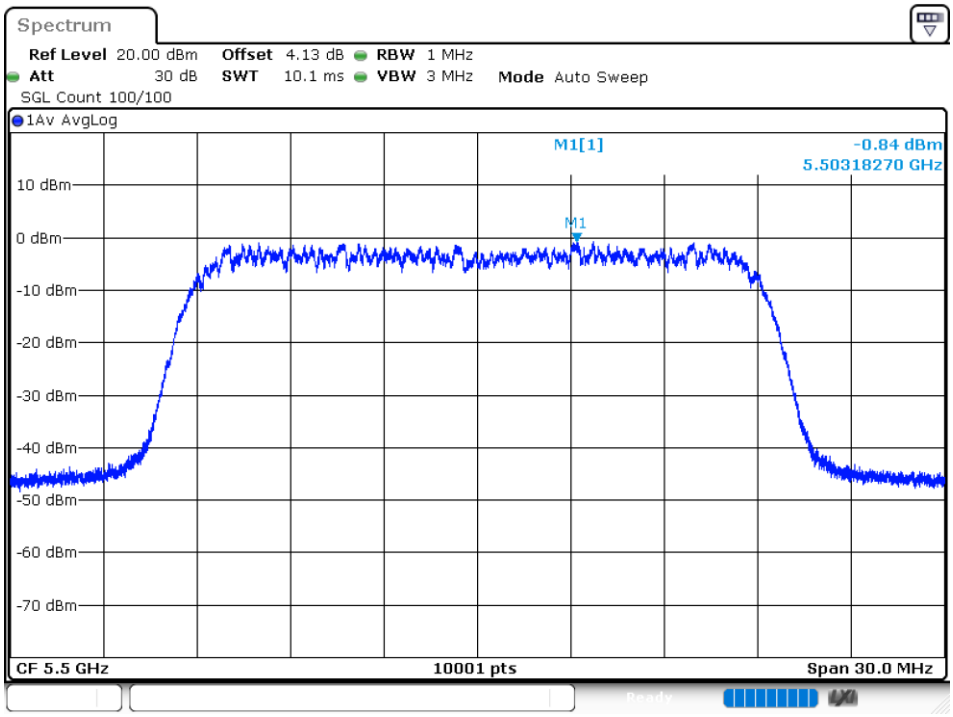
PSD NVNT ac80 5610MHz Ant1



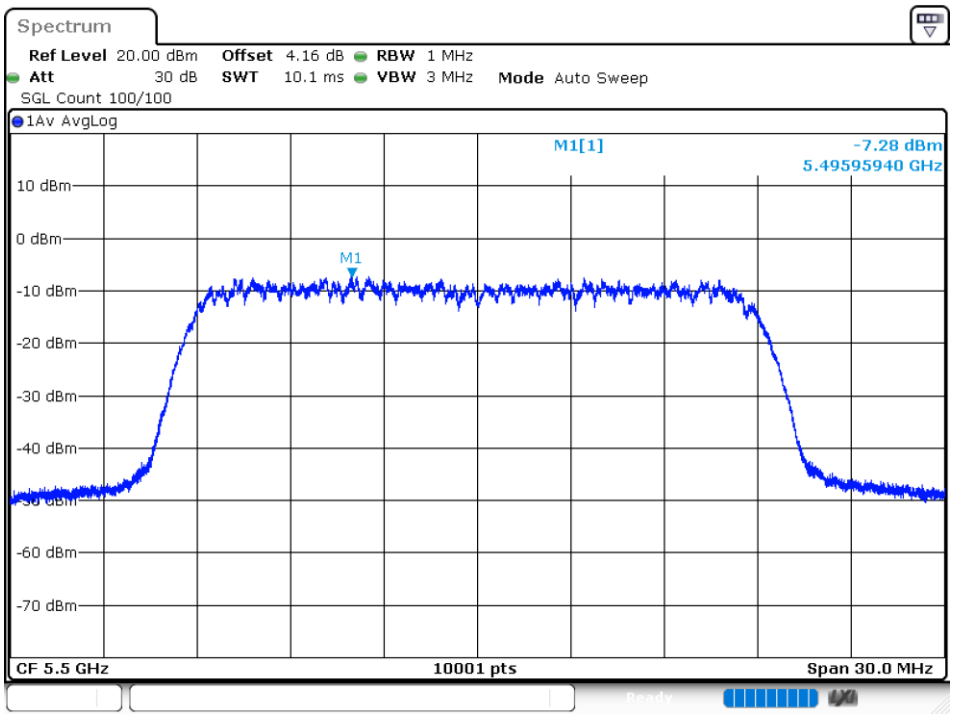
PSD NVNT ac80 5610MHz Ant2



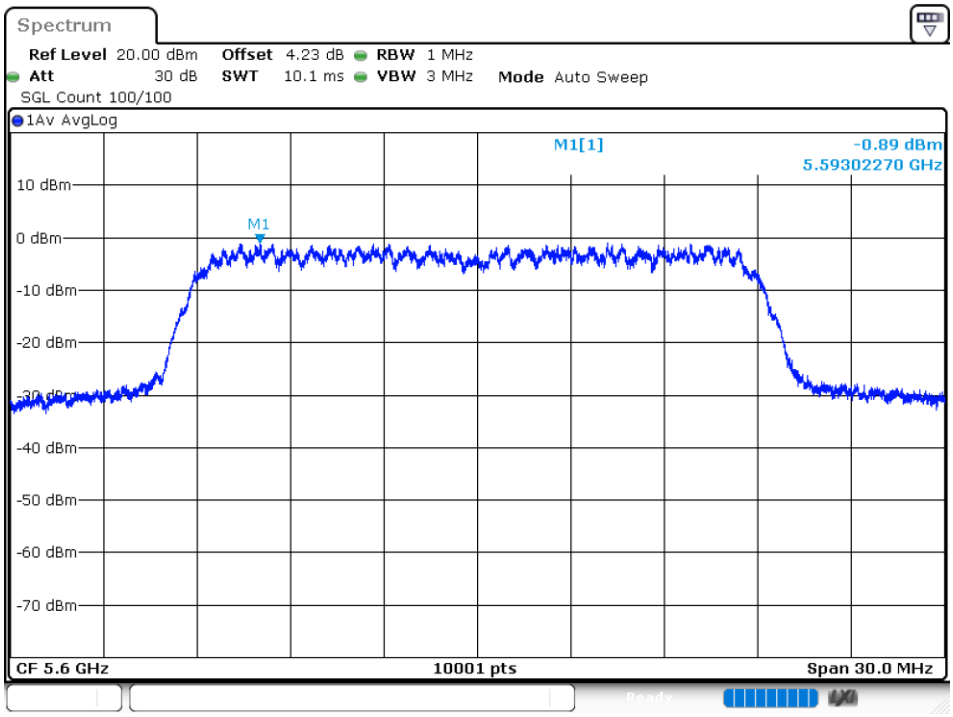
PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 5500MHz Ant2



PSD NVNT n20 5600MHz Ant1



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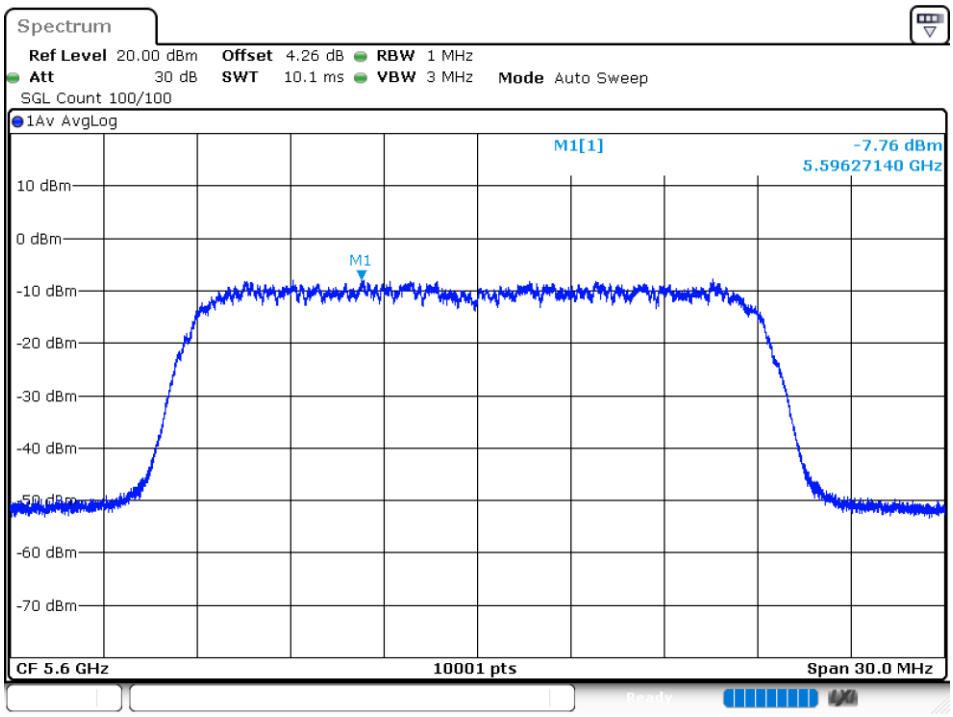
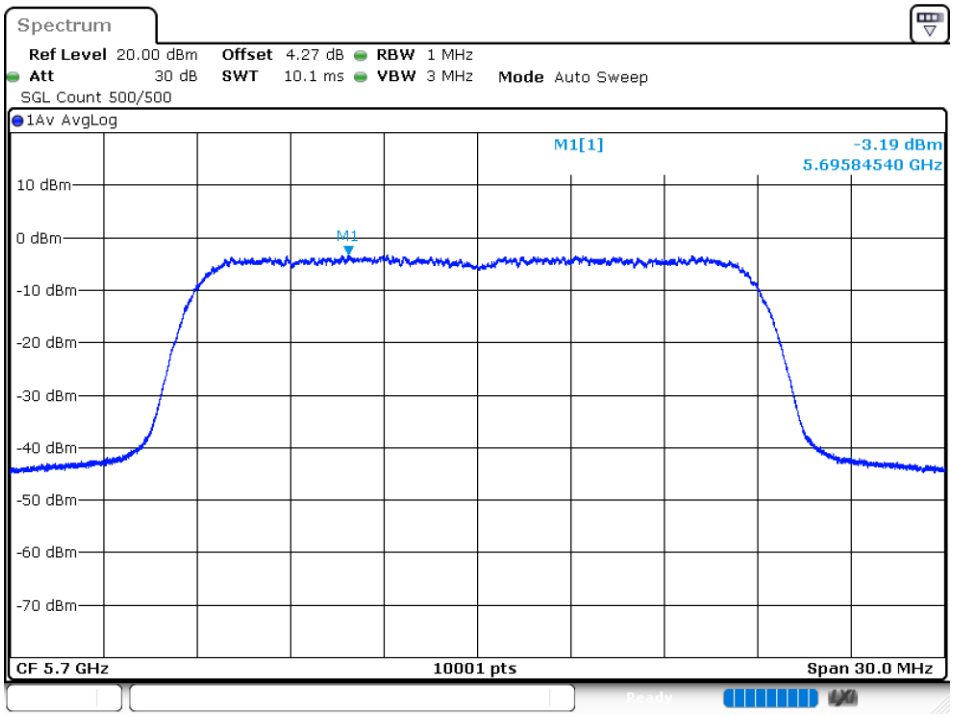
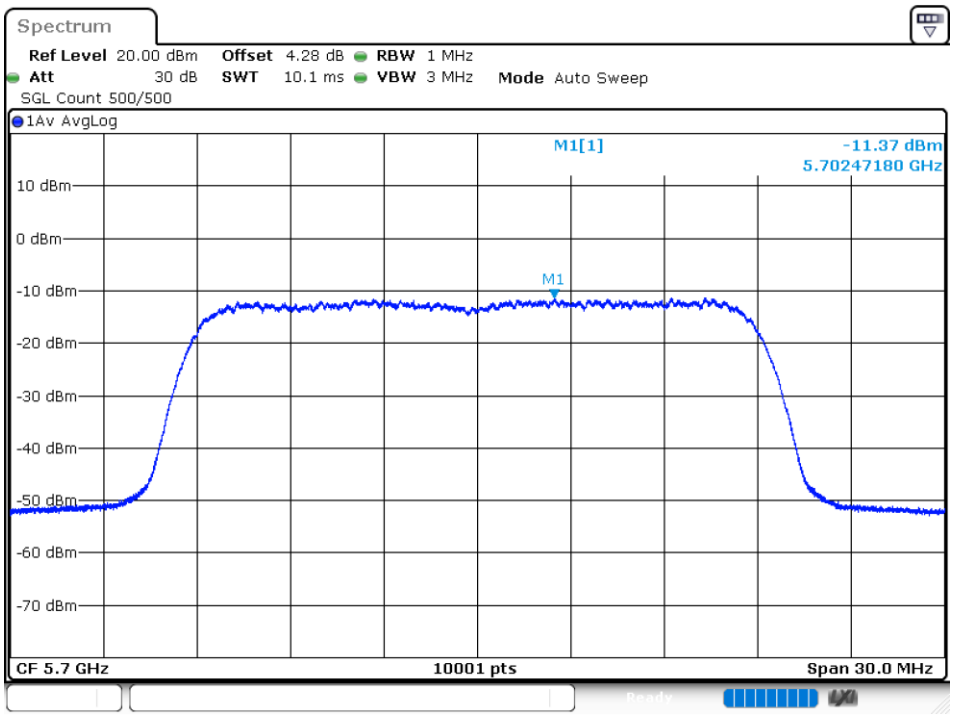


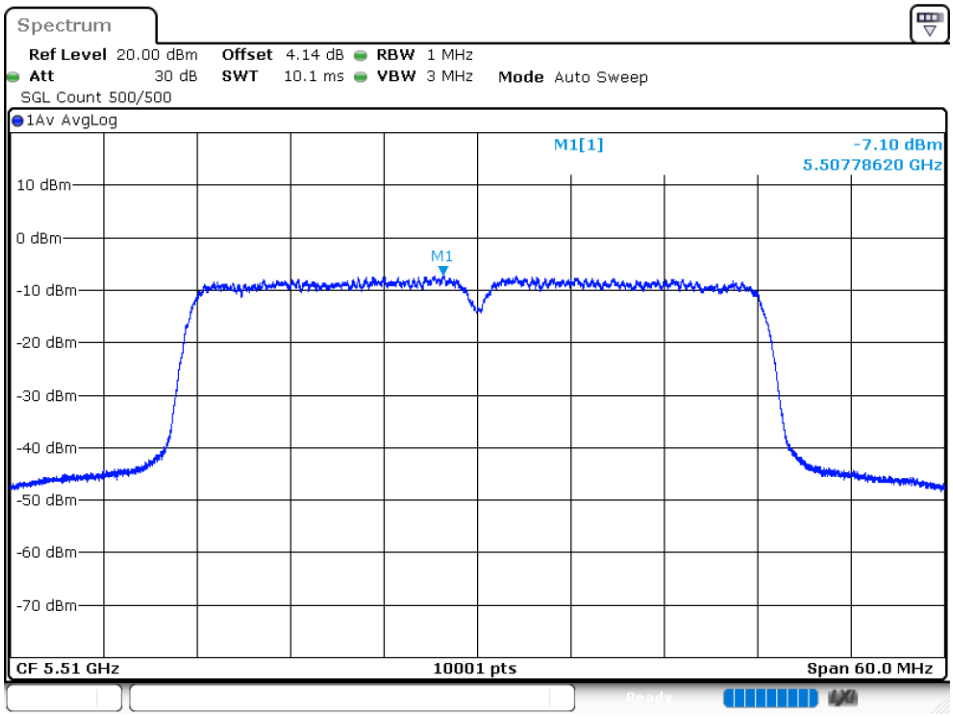
PSD NVNT n20 5700MHz Ant1



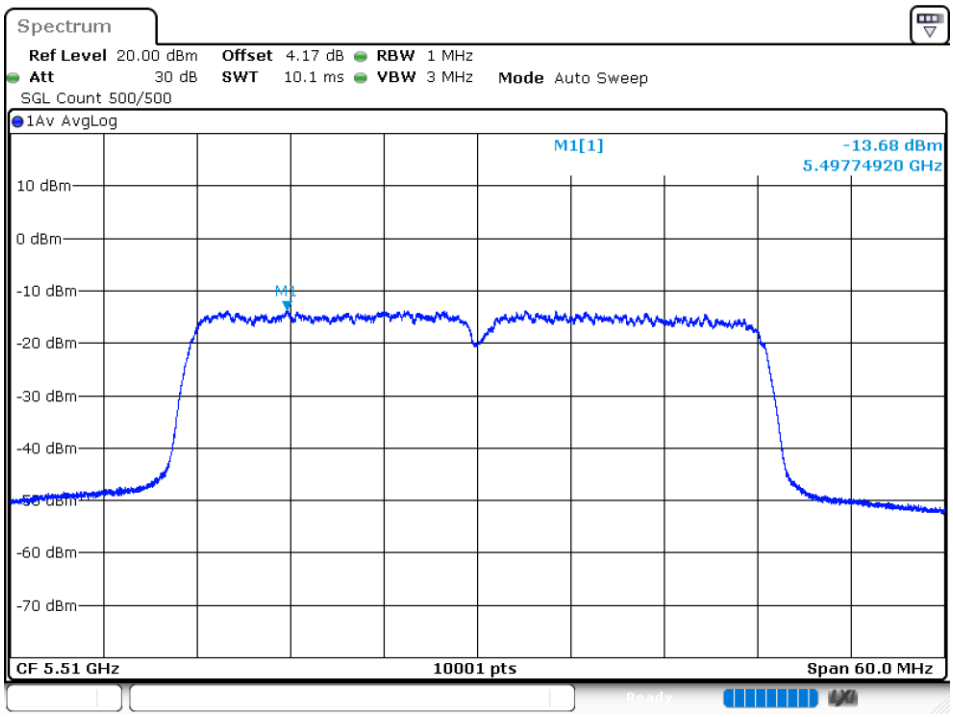
PSD NVNT n20 5700MHz Ant2



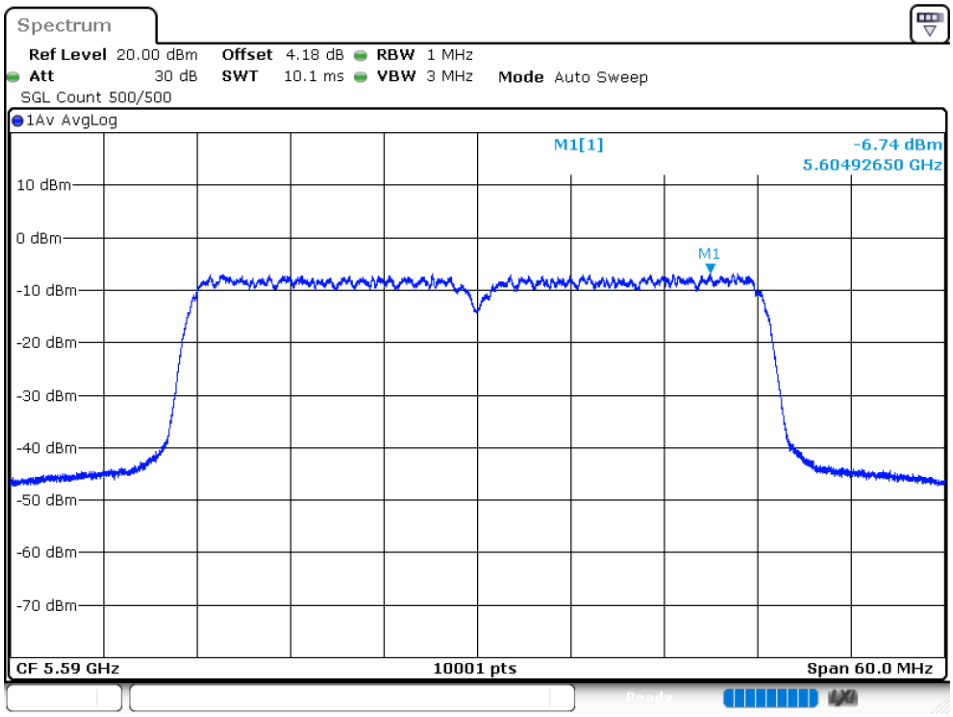
PSD NVNT n40 5510MHz Ant1



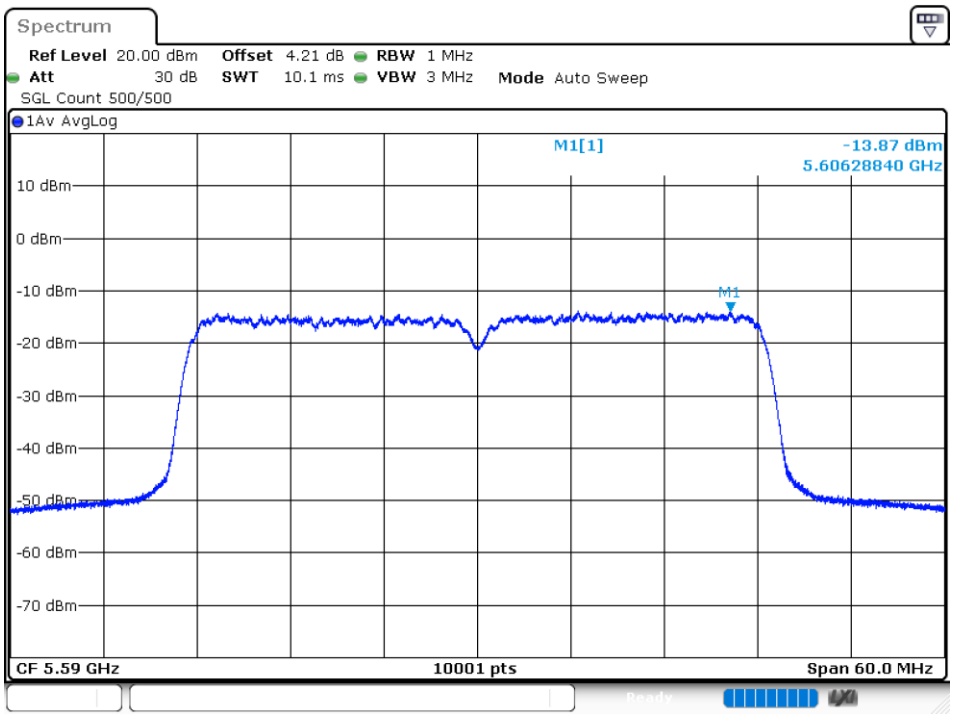
PSD NVNT n40 5510MHz Ant2



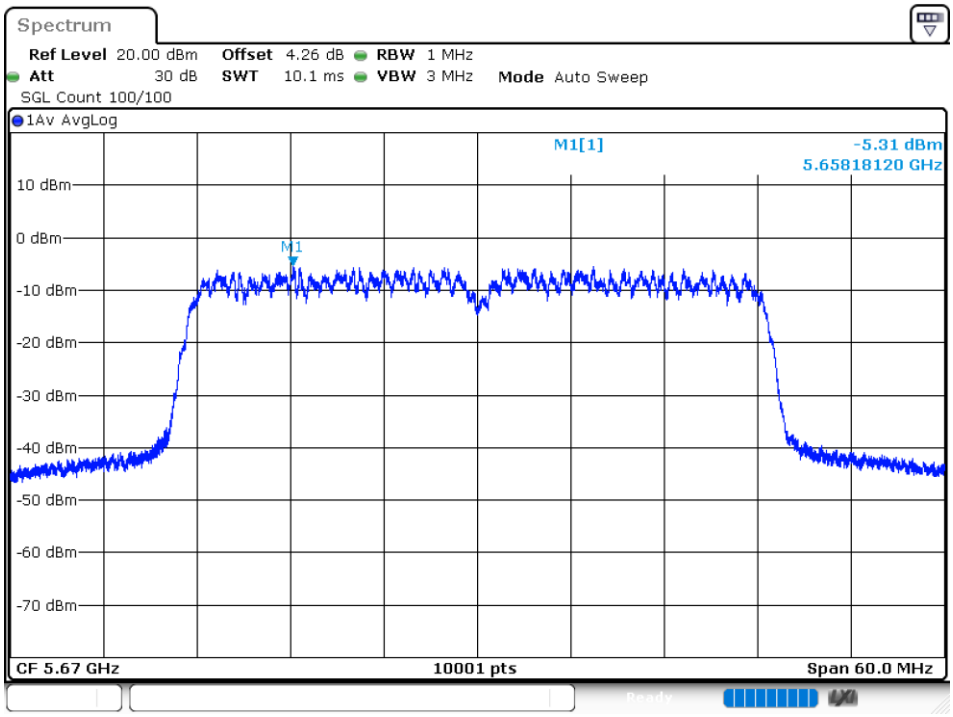
PSD NVNT n40 5590MHz Ant1



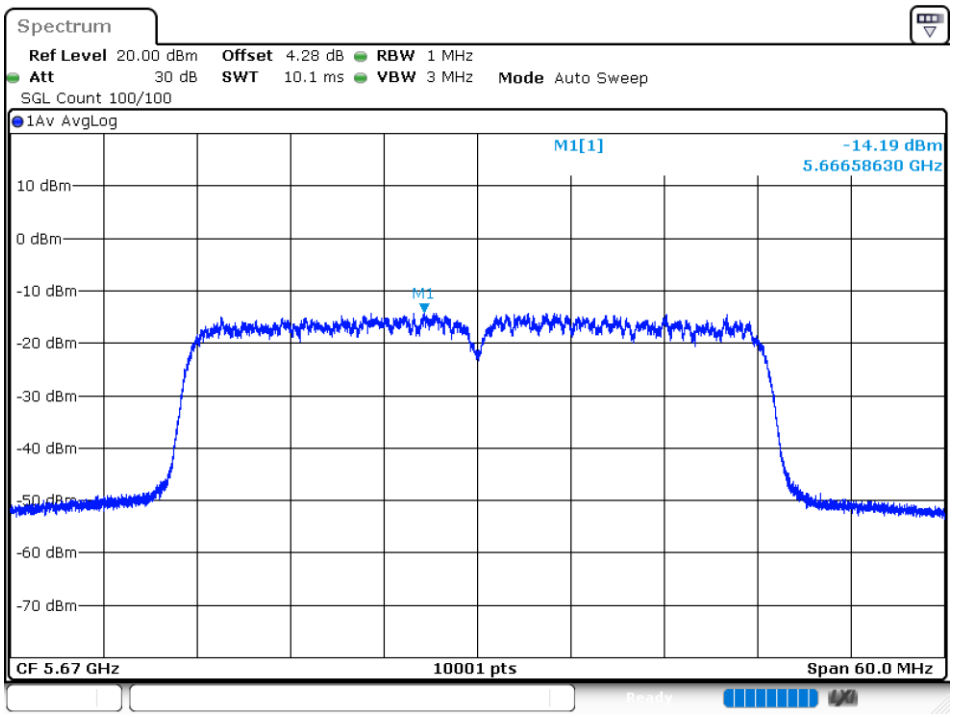
PSD NVNT n40 5590MHz Ant2



PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5670MHz Ant2

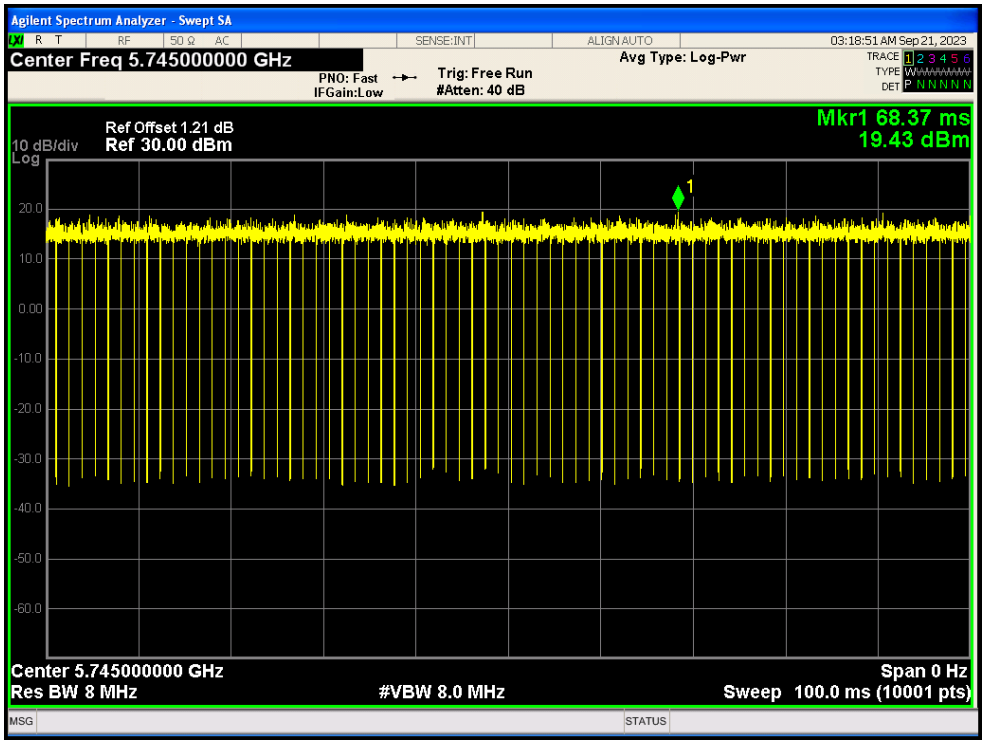


5.8G WIFI

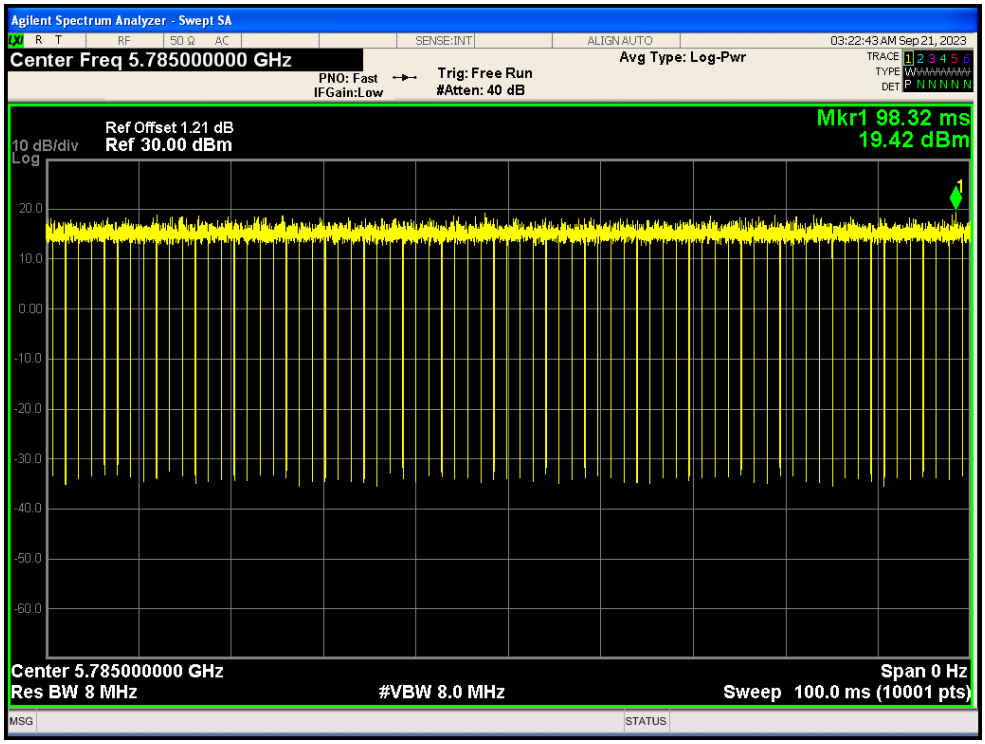
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	97.85	0.09
NVNT	a	5785	Ant1	97.7	0.1
NVNT	a	5825	Ant1	97.77	0.1
NVNT	a	5745	Ant2	97.87	0.09
NVNT	a	5785	Ant2	97.73	0.1
NVNT	a	5825	Ant2	97.84	0.09
NVNT	ac20	5745	Ant1	97.72	0.1
NVNT	ac20	5785	Ant1	97.76	0.1
NVNT	ac20	5825	Ant1	97.73	0.1
NVNT	ac20	5745	Ant2	97.79	0.1
NVNT	ac20	5785	Ant2	97.87	0.09
NVNT	ac20	5825	Ant2	97.78	0.1
NVNT	ac40	5755	Ant1	95.3	0.21
NVNT	ac40	5795	Ant1	95.28	0.21
NVNT	ac40	5755	Ant2	95.3	0.21
NVNT	ac40	5795	Ant2	95.28	0.21
NVNT	ac80	5775	Ant1	82.8	0.82
NVNT	ac80	5775	Ant2	82.67	0.83
NVNT	n20	5745	Ant1	97.61	0.11
NVNT	n20	5785	Ant1	97.65	0.1
NVNT	n20	5825	Ant1	97.63	0.1
NVNT	n20	5745	Ant2	97.64	0.1
NVNT	n20	5785	Ant2	97.65	0.1
NVNT	n20	5825	Ant2	97.6	0.11
NVNT	n40	5755	Ant1	95.32	0.21
NVNT	n40	5795	Ant1	95.36	0.21
NVNT	n40	5755	Ant2	95.33	0.21
NVNT	n40	5795	Ant2	95.43	0.2

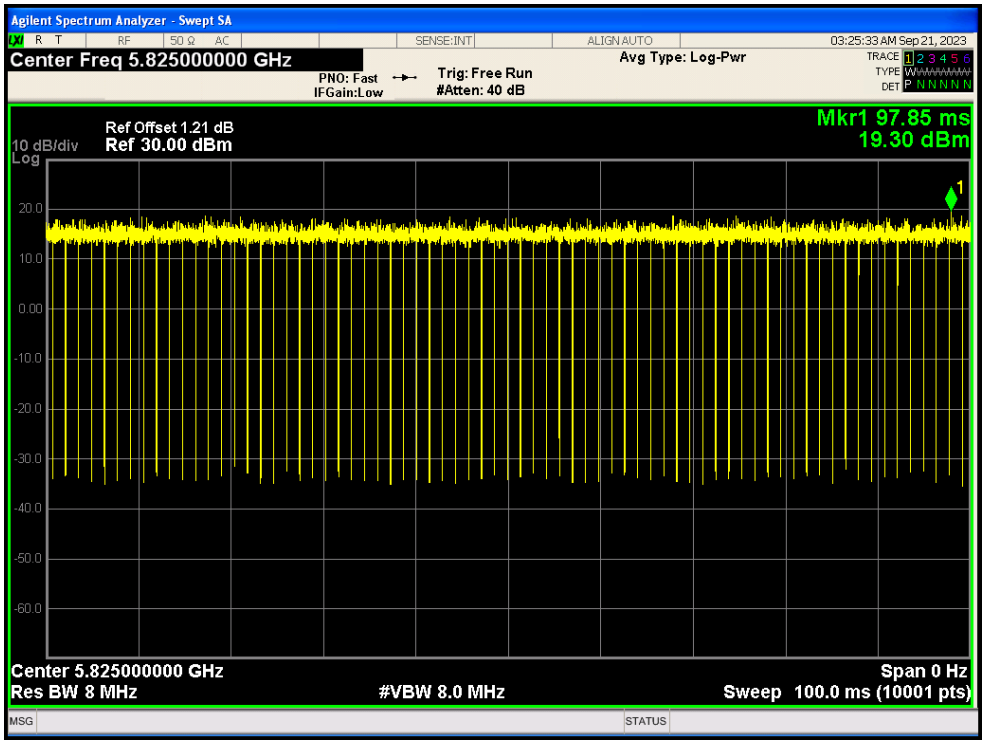
Duty Cycle NVNT a 5745MHz Ant1



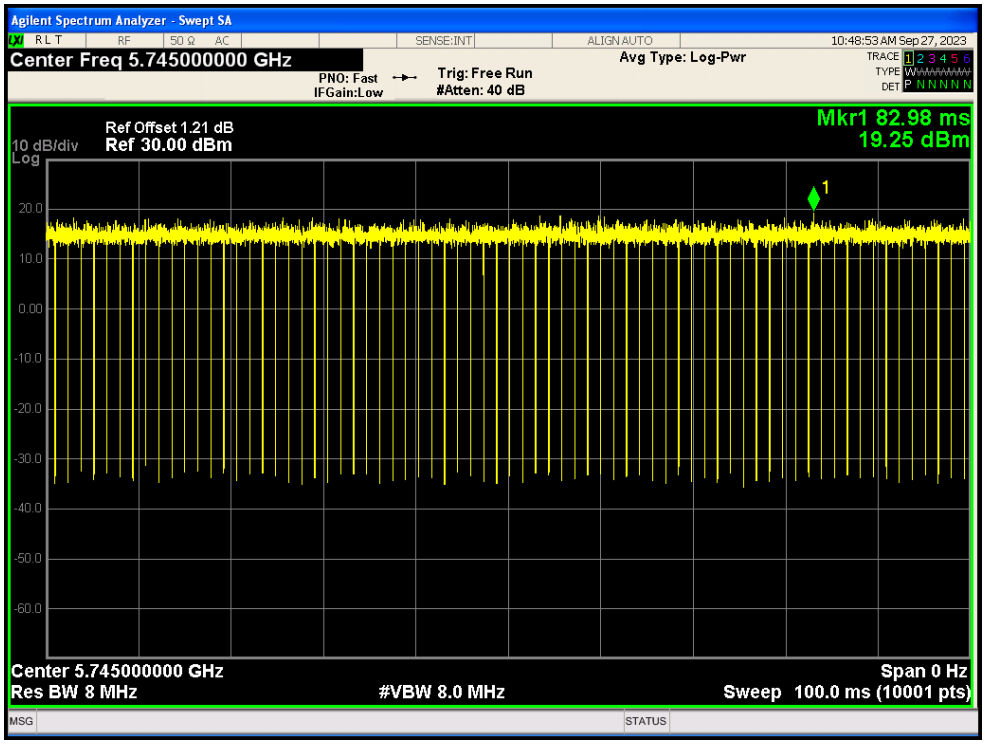
Duty Cycle NVNT a 5785MHz Ant1



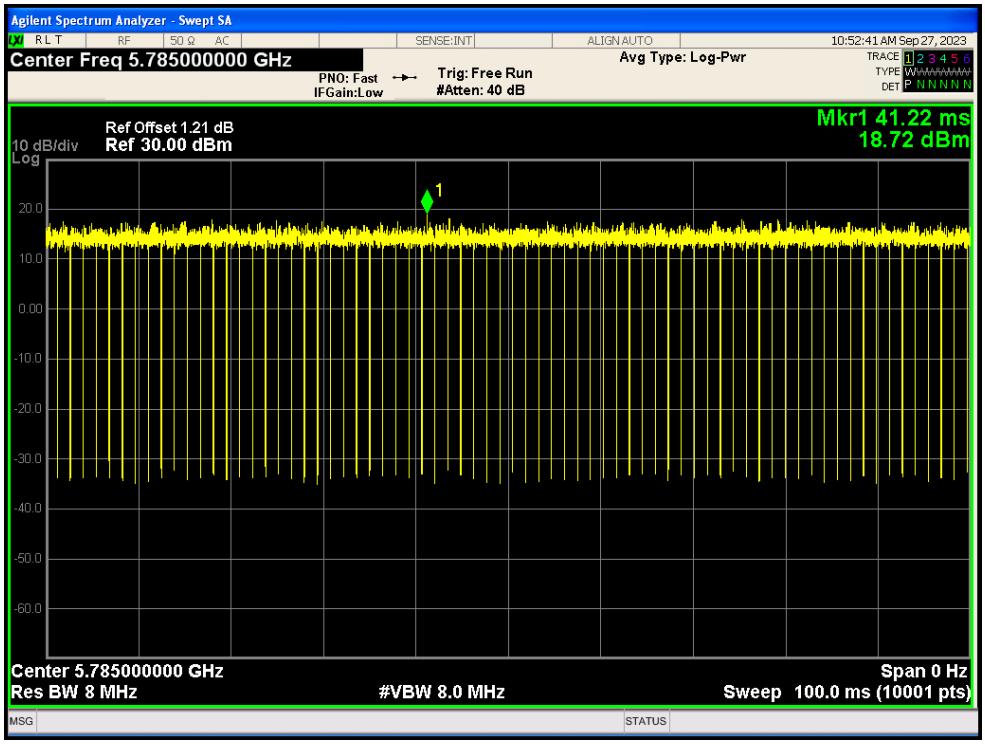
Duty Cycle NVNT a 5825MHz Ant1



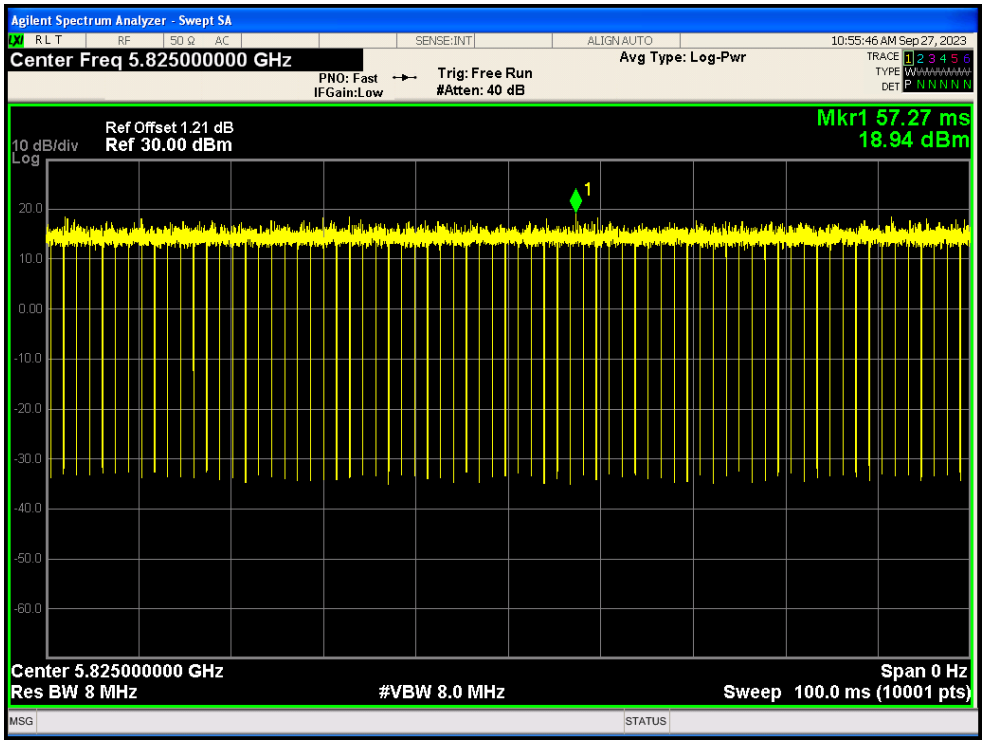
Duty Cycle NVNT a 5745MHz Ant2



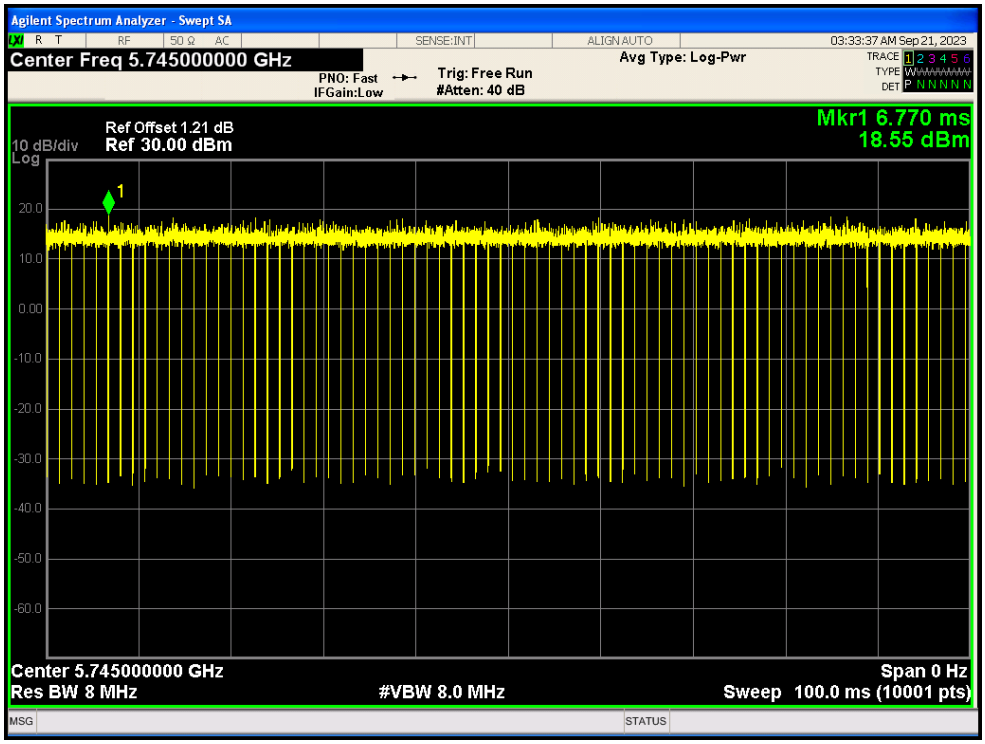
Duty Cycle NVNT a 5785MHz Ant2



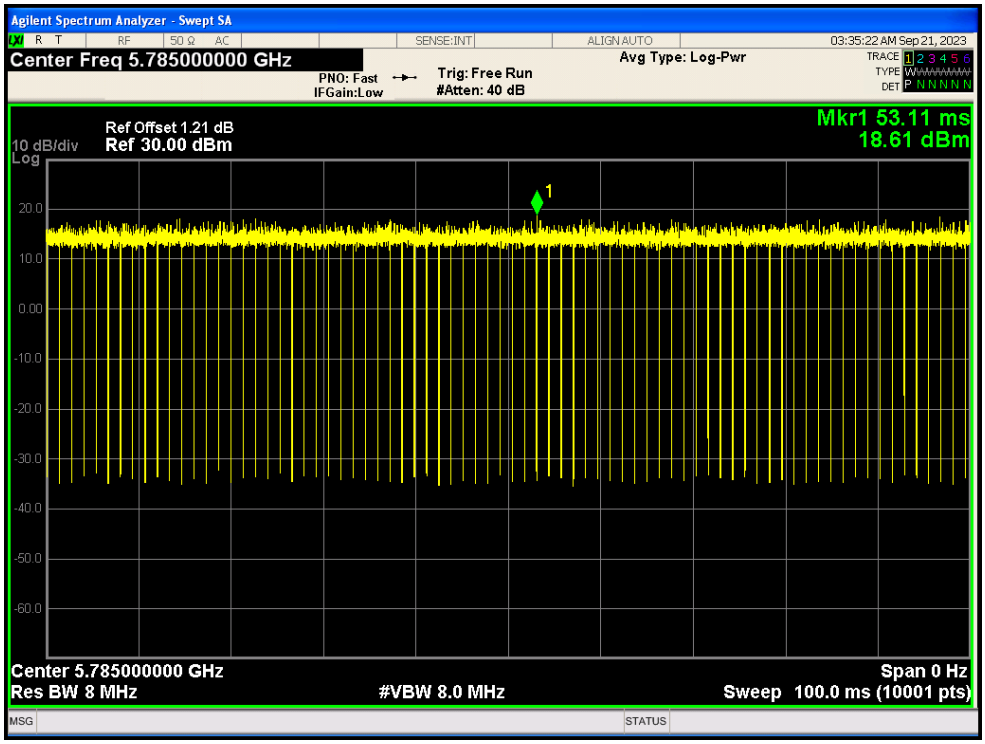
Duty Cycle NVNT a 5825MHz Ant2



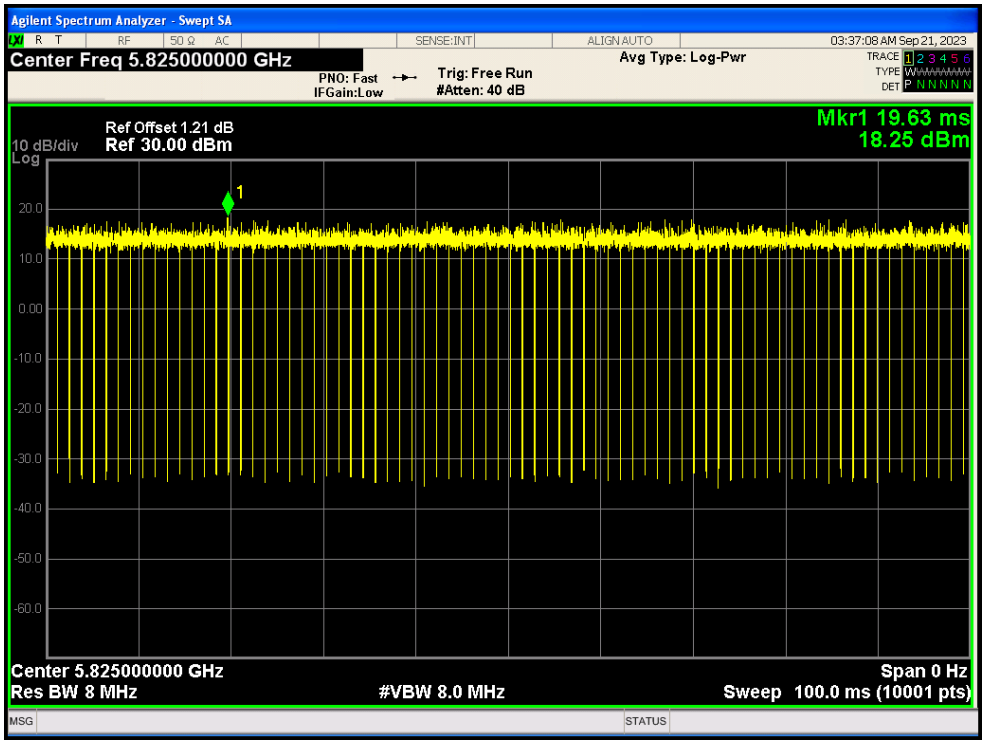
Duty Cycle NVNT ac20 5745MHz Ant1



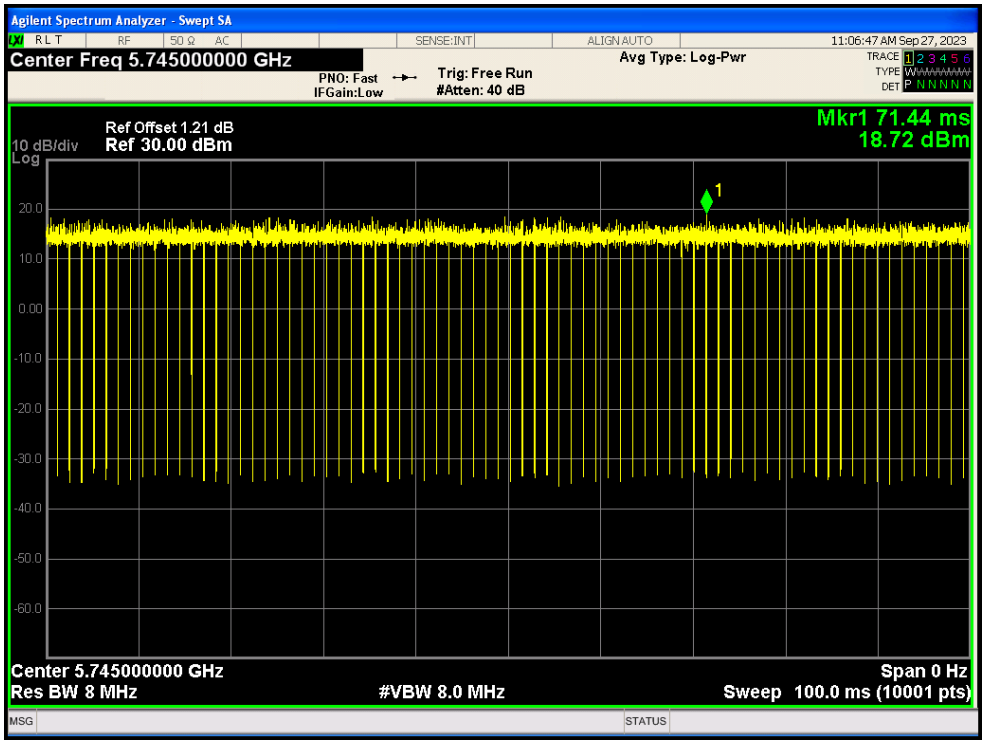
Duty Cycle NVNT ac20 5785MHz Ant1



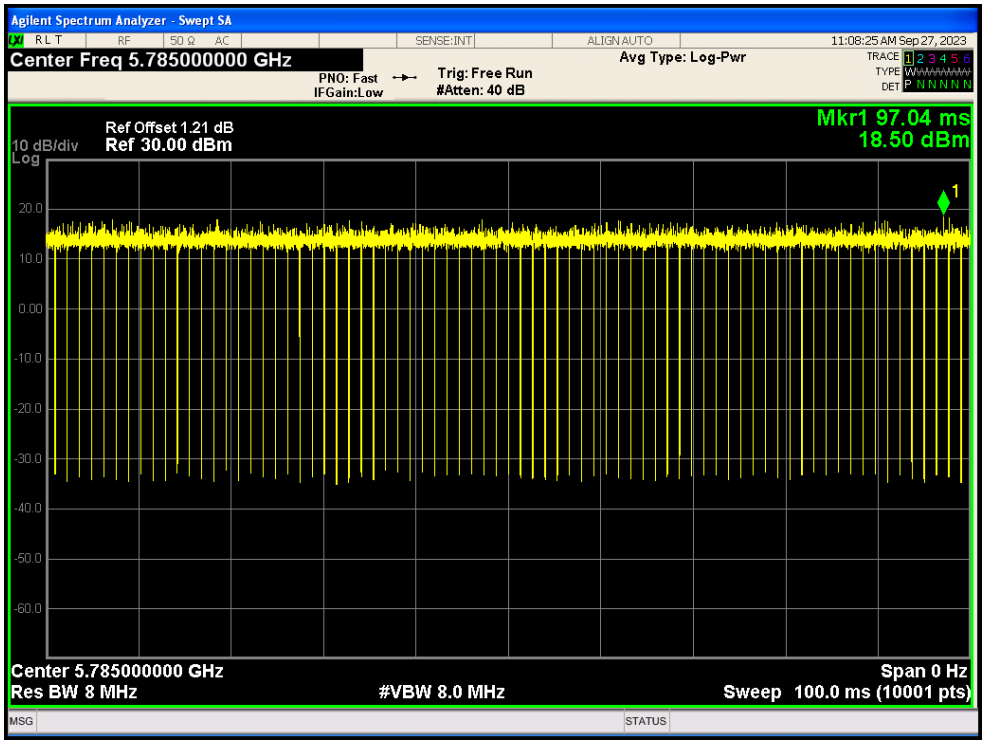
Duty Cycle NVNT ac20 5825MHz Ant1



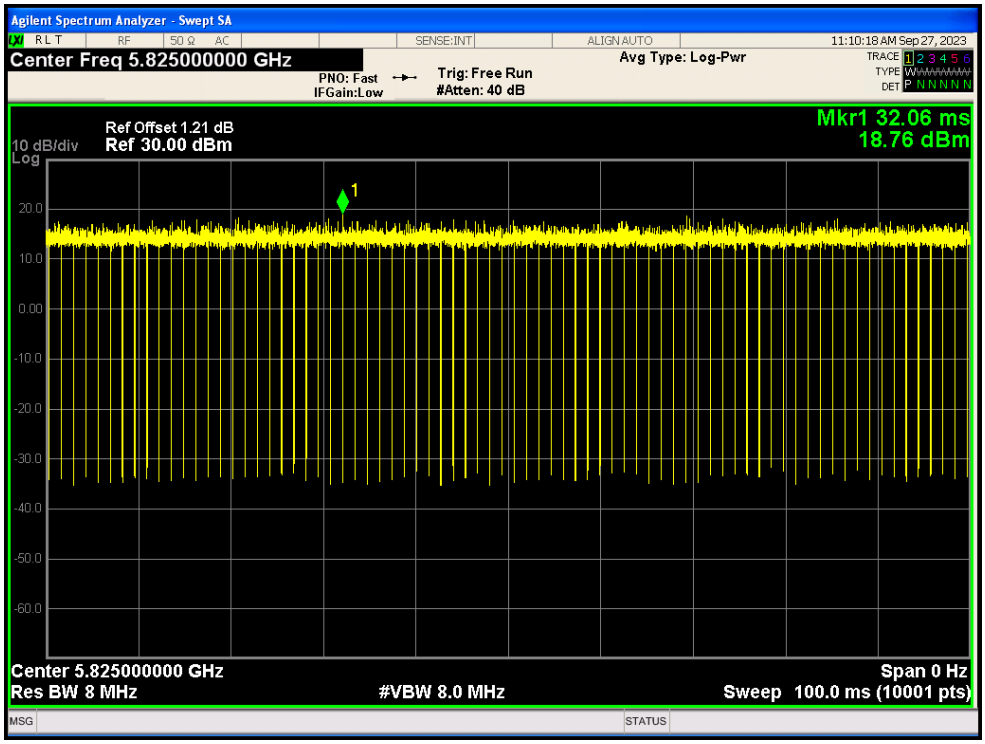
Duty Cycle NVNT ac20 5745MHz Ant2



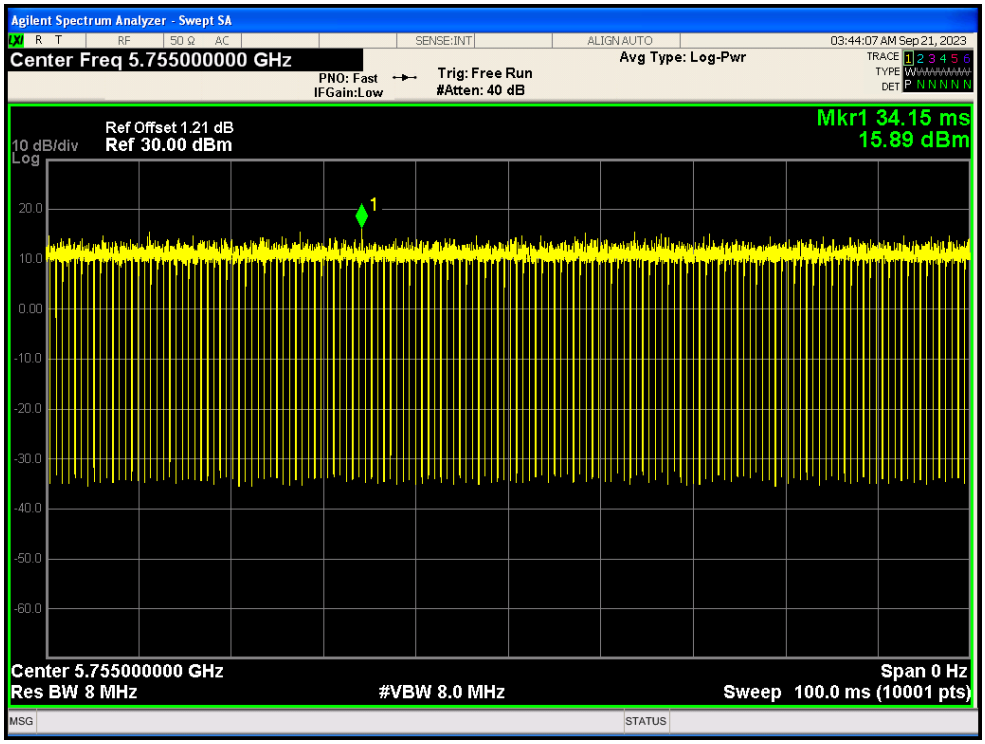
Duty Cycle NVNT ac20 5785MHz Ant2



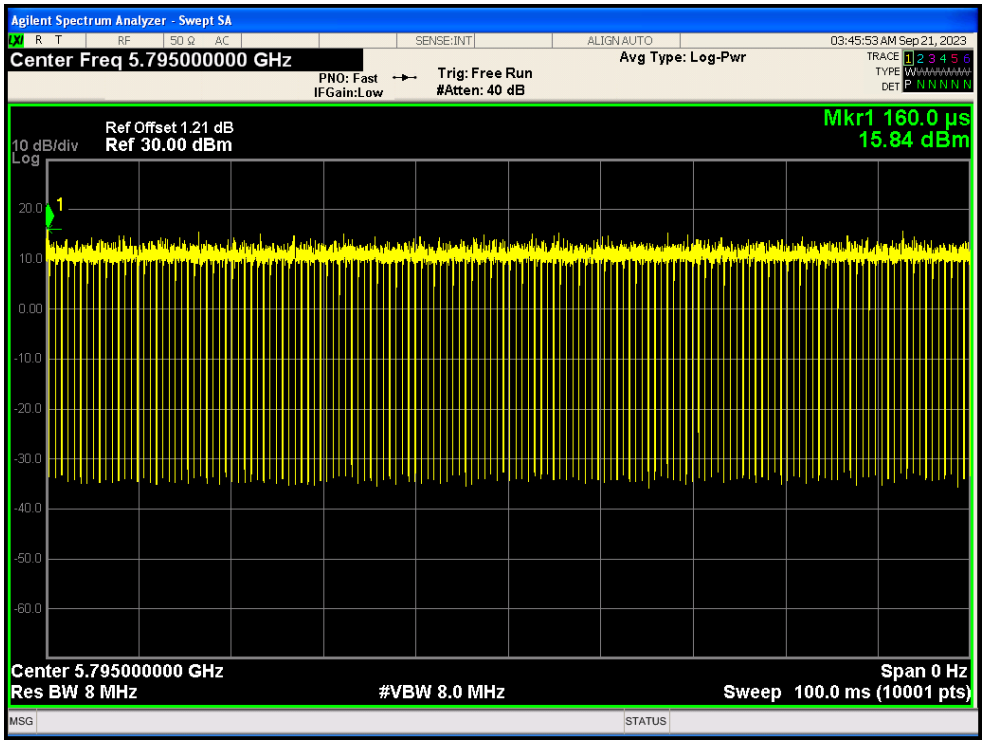
Duty Cycle NVNT ac20 5825MHz Ant2



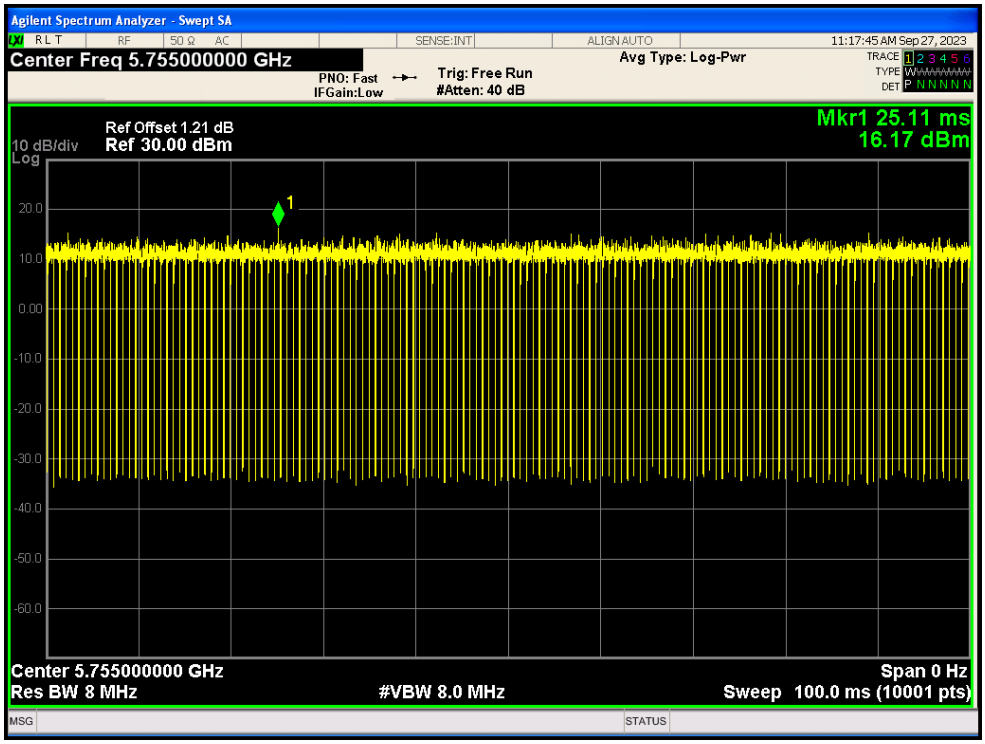
Duty Cycle NVNT ac40 5755MHz Ant1



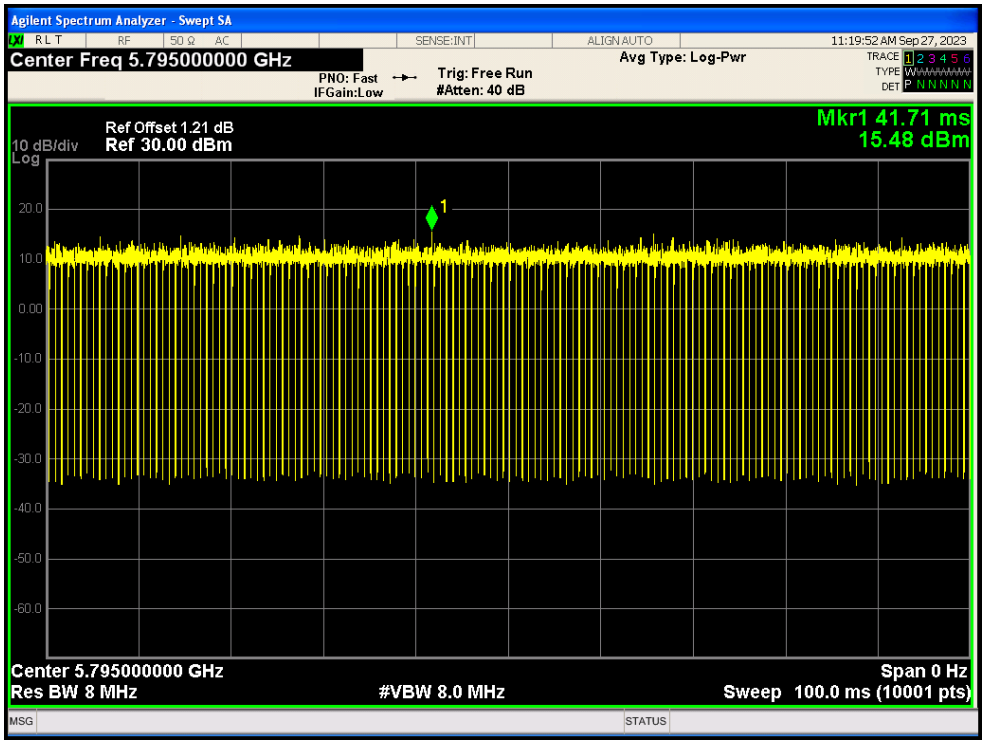
Duty Cycle NVNT ac40 5795MHz Ant1



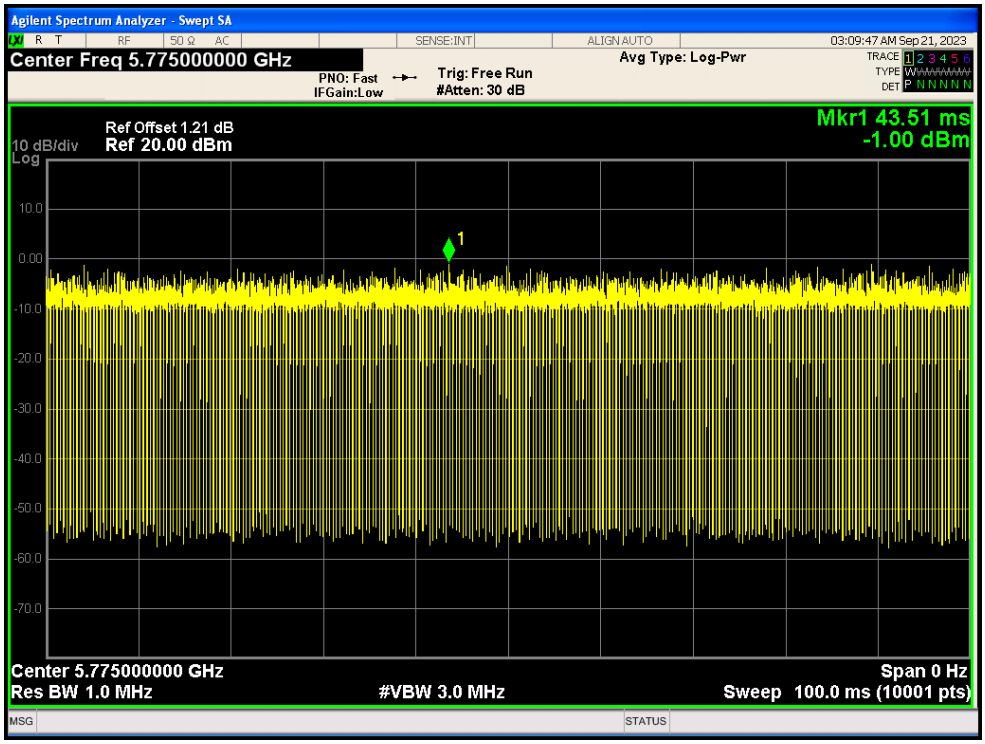
Duty Cycle NVNT ac40 5755MHz Ant2



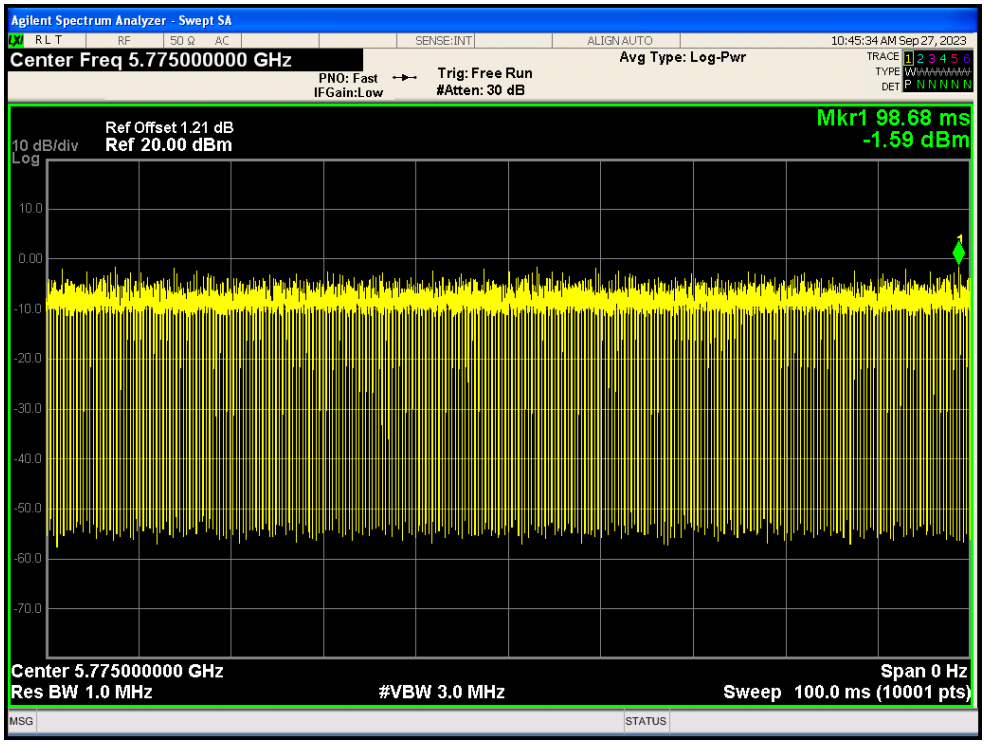
Duty Cycle NVNT ac40 5795MHz Ant2



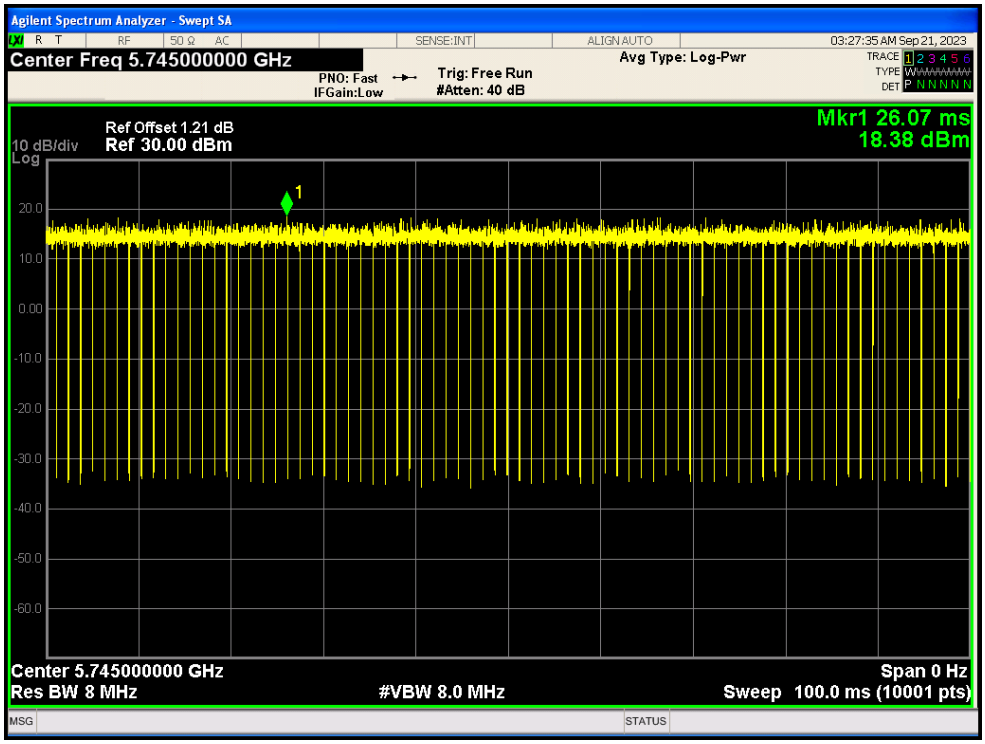
Duty Cycle NVNT ac80 5775MHz Ant1



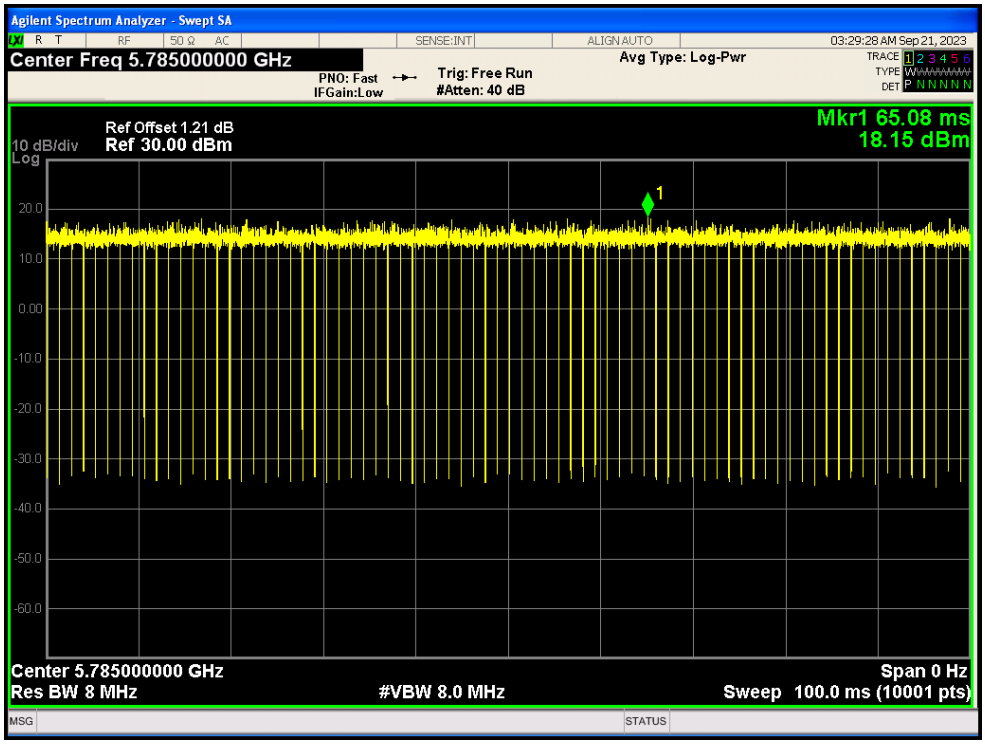
Duty Cycle NVNT ac80 5775MHz Ant2



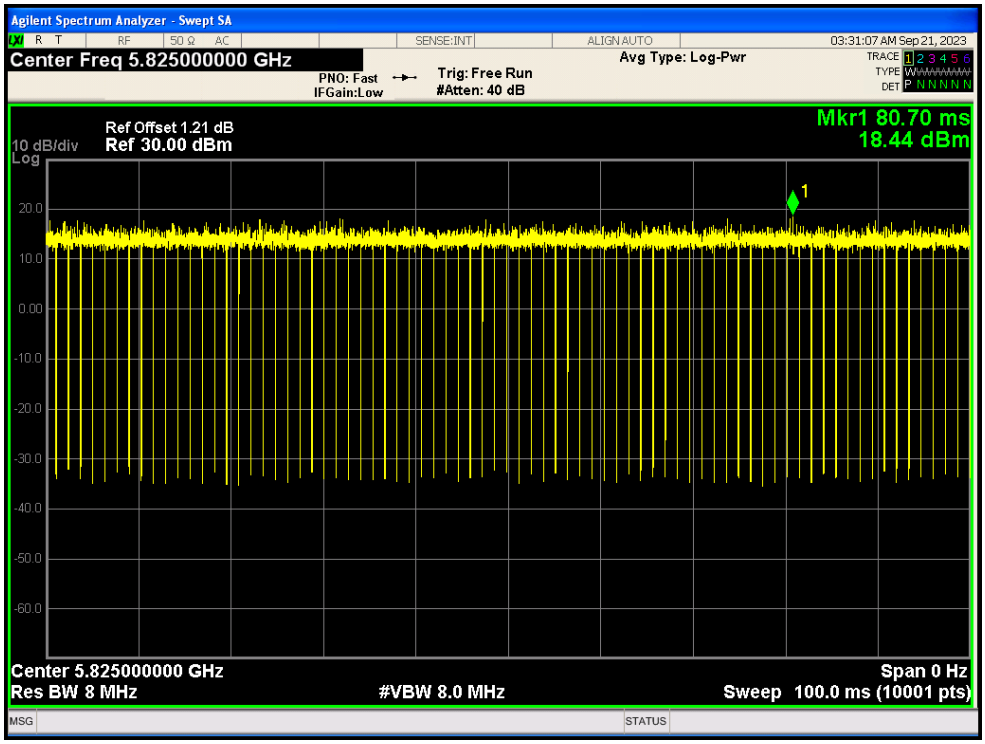
Duty Cycle NVNT n20 5745MHz Ant1



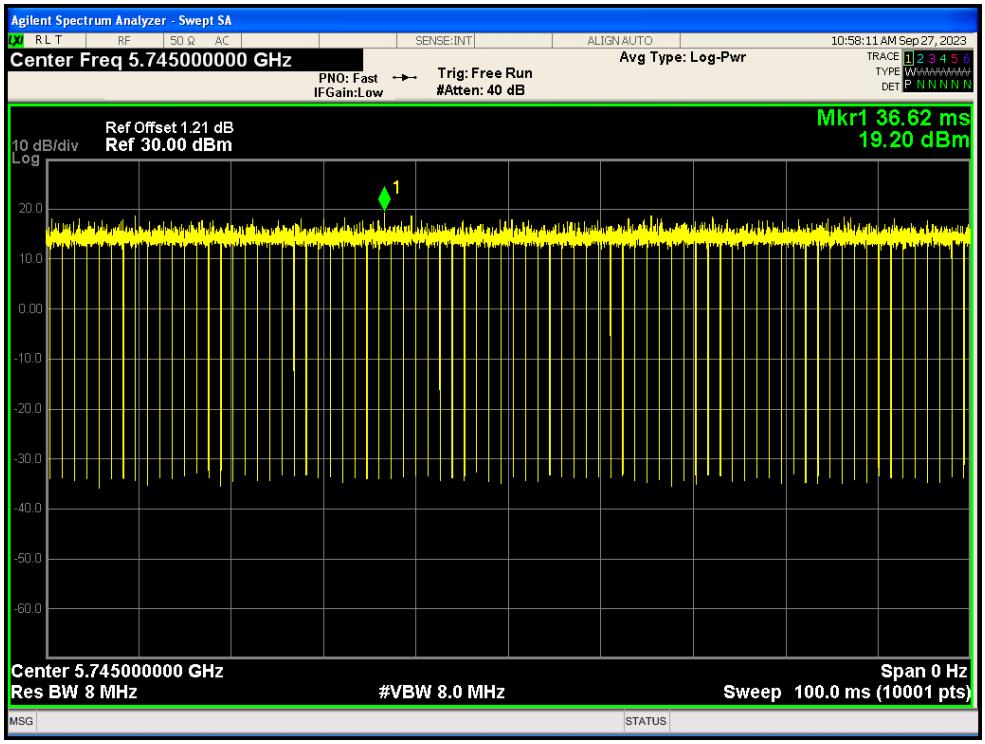
Duty Cycle NVNT n20 5785MHz Ant1



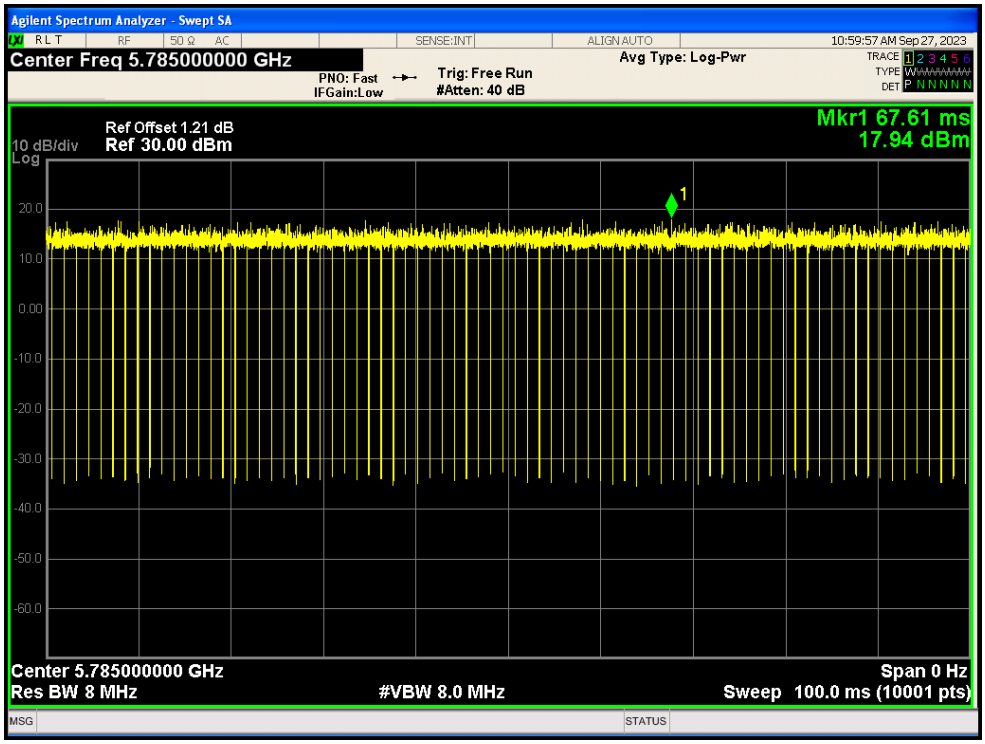
Duty Cycle NVNT n20 5825MHz Ant1



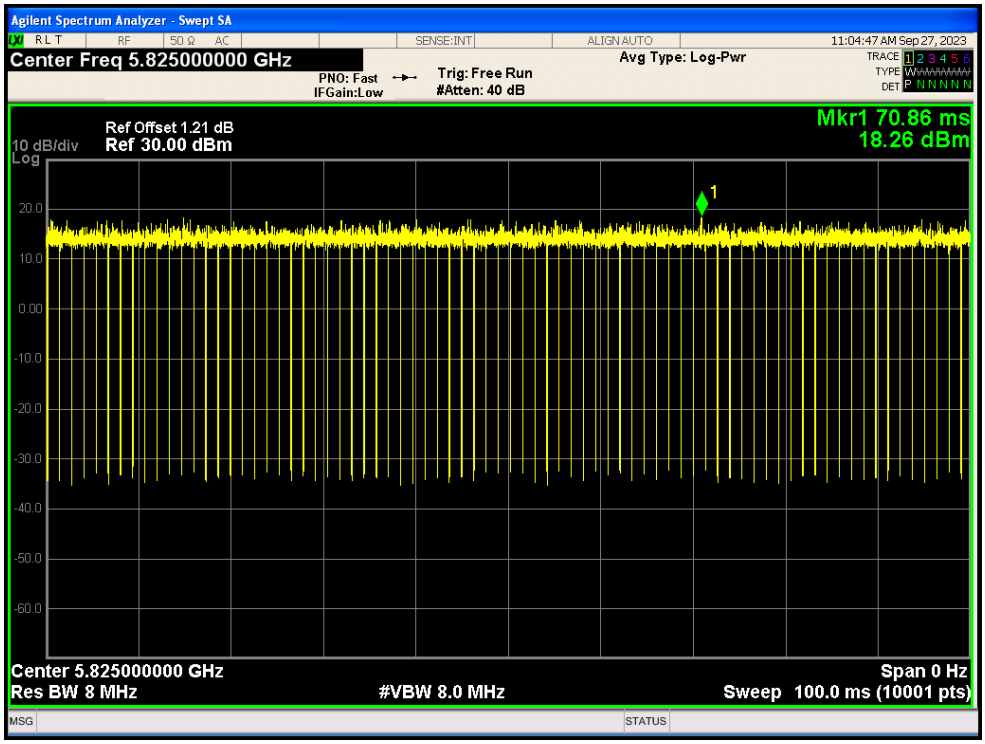
Duty Cycle NVNT n20 5745MHz Ant2



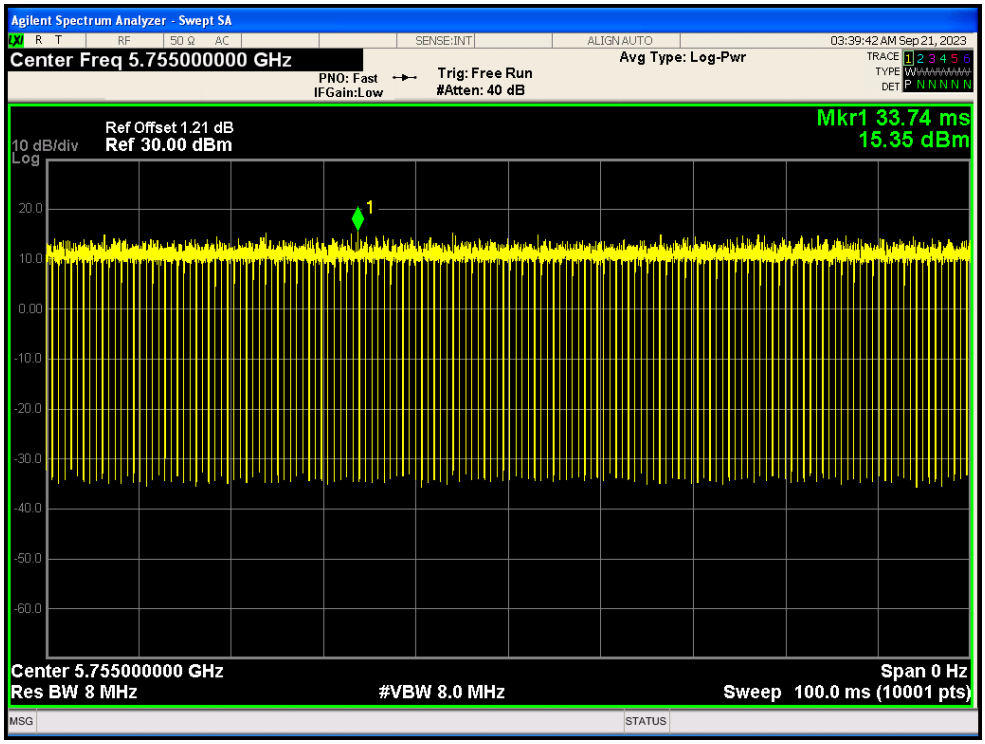
Duty Cycle NVNT n20 5785MHz Ant2



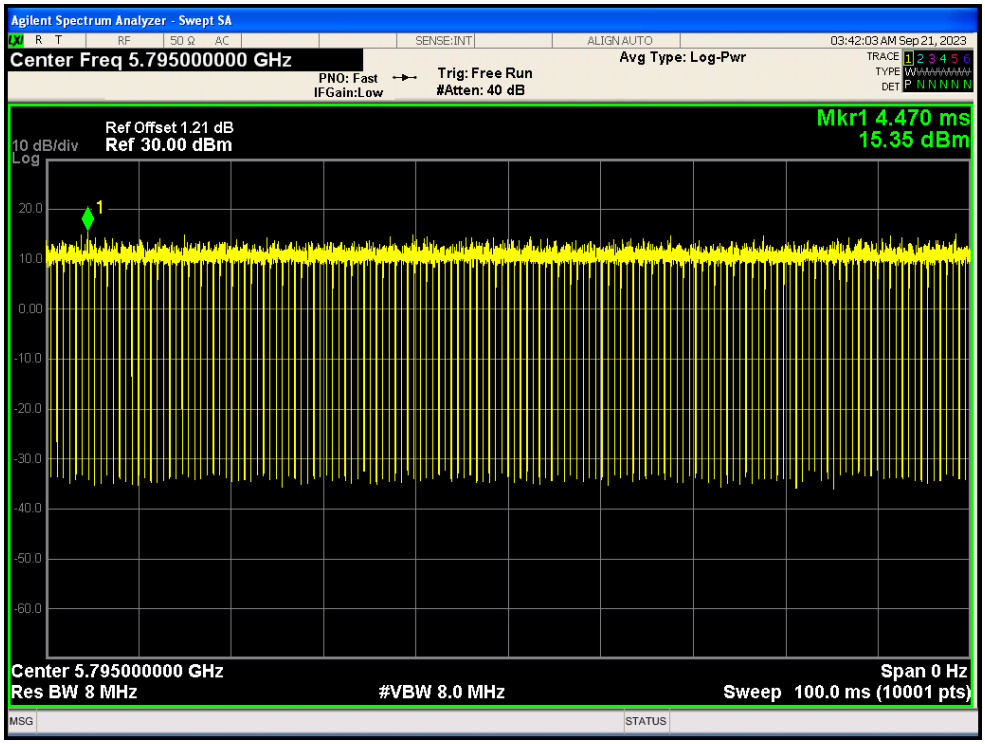
Duty Cycle NVNT n20 5825MHz Ant2



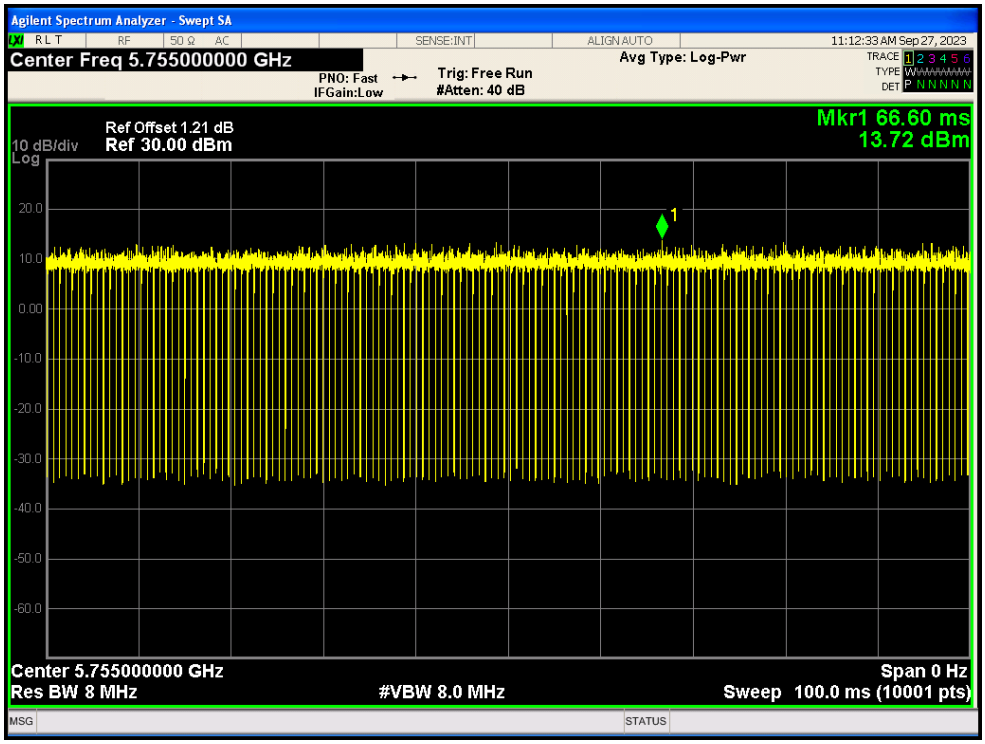
Duty Cycle NVNT n40 5755MHz Ant1



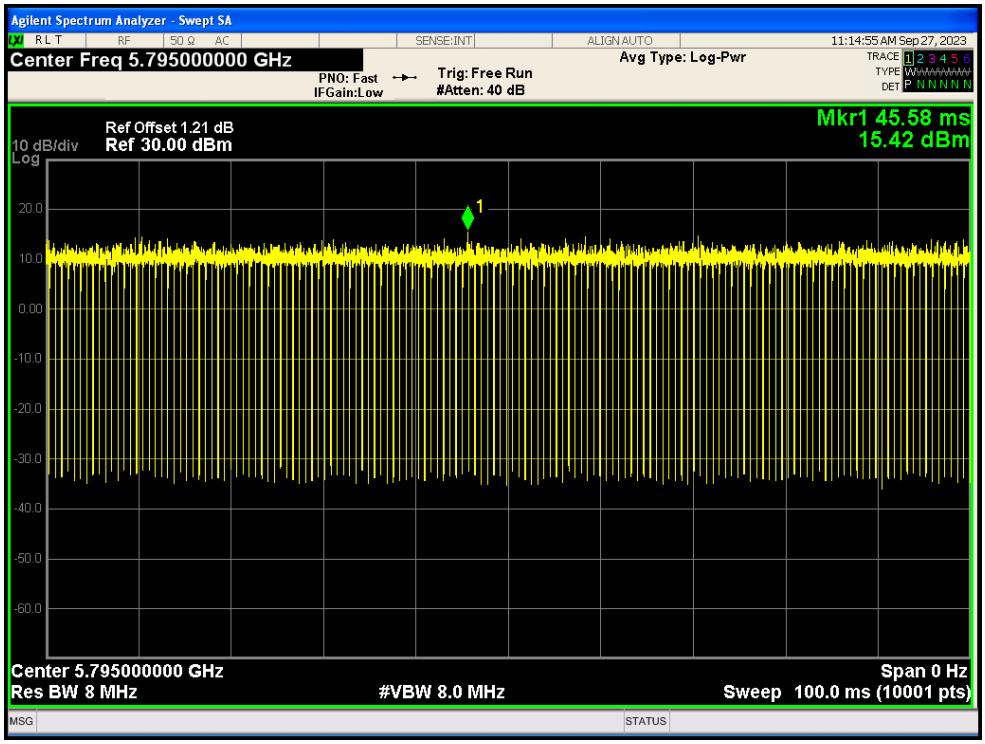
Duty Cycle NVNT n40 5795MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant2



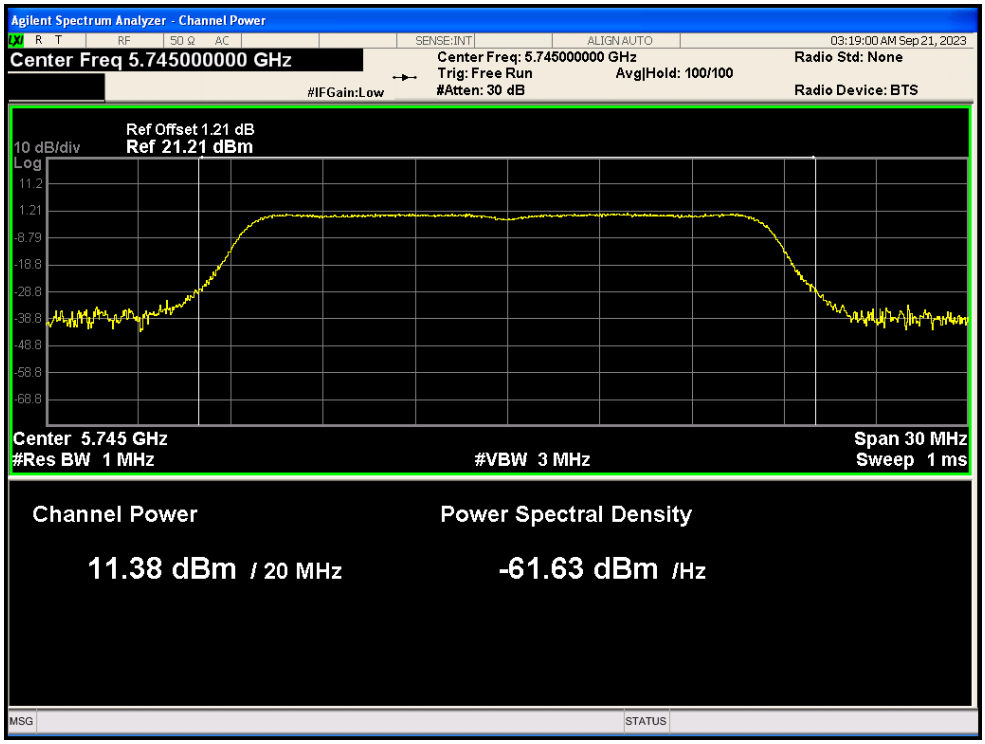
Duty Cycle NVNT n40 5795MHz Ant2



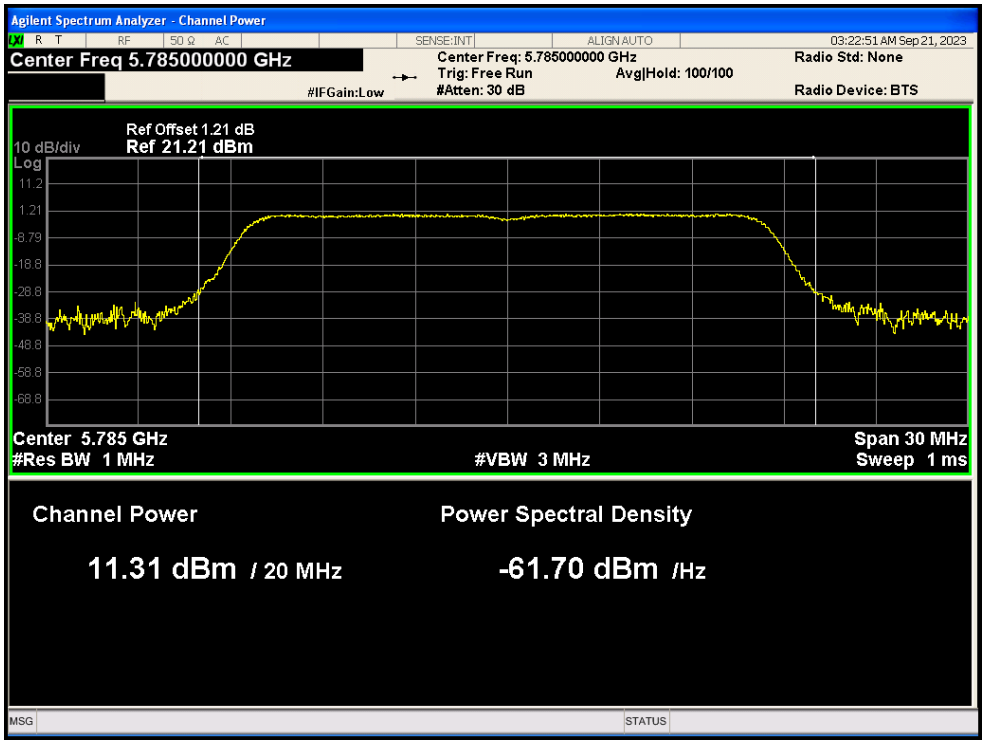
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.383	30	Pass
NVNT	a	5785	Ant1	11.314	30	Pass
NVNT	a	5825	Ant1	11.057	30	Pass
NVNT	a	5745	Ant2	10.964	30	Pass
NVNT	a	5785	Ant2	10.313	30	Pass
NVNT	a	5825	Ant2	10.6	30	Pass
NVNT	ac20	5745	Ant1	10.724	30	Pass
NVNT	ac20	5785	Ant1	10.71	30	Pass
NVNT	ac20	5825	Ant1	10.335	30	Pass
NVNT	ac20	5745	Ant2	10.902	30	Pass
NVNT	ac20	5785	Ant2	10.376	30	Pass
NVNT	ac20	5825	Ant2	10.702	30	Pass
NVNT	ac40	5755	Ant1	10.97	30	Pass
NVNT	ac40	5795	Ant1	10.804	30	Pass
NVNT	ac40	5755	Ant2	10.904	30	Pass
NVNT	ac40	5795	Ant2	10.282	30	Pass
NVNT	ac80	5775	Ant1	10.694	30	Pass
NVNT	ac80	5775	Ant2	9.959	30	Pass
NVNT	n20	5745	Ant1	10.872	30	Pass
NVNT	n20	5785	Ant1	10.706	30	Pass
NVNT	n20	5825	Ant1	10.293	30	Pass
NVNT	n20	5745	Ant2	10.891	30	Pass
NVNT	n20	5785	Ant2	10.292	30	Pass
NVNT	n20	5825	Ant2	10.626	30	Pass
NVNT	n40	5755	Ant1	11.034	30	Pass
NVNT	n40	5795	Ant1	10.728	30	Pass
NVNT	n40	5755	Ant2	9.297	30	Pass
NVNT	n40	5795	Ant2	10.052	30	Pass

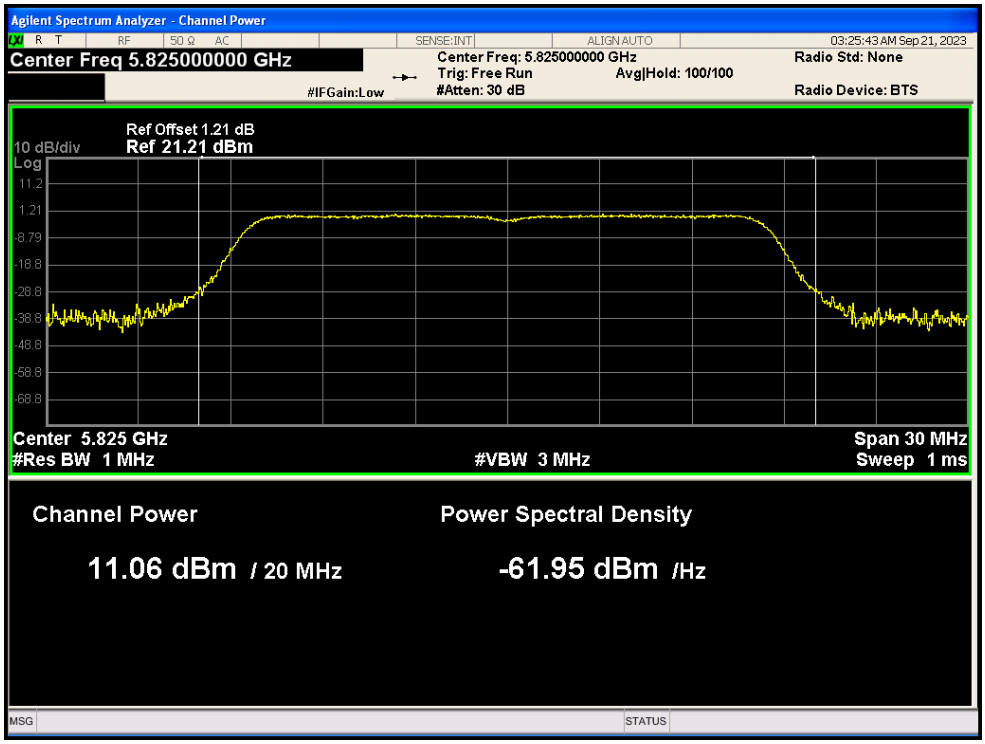
Power NVNT a 5745MHz Ant1



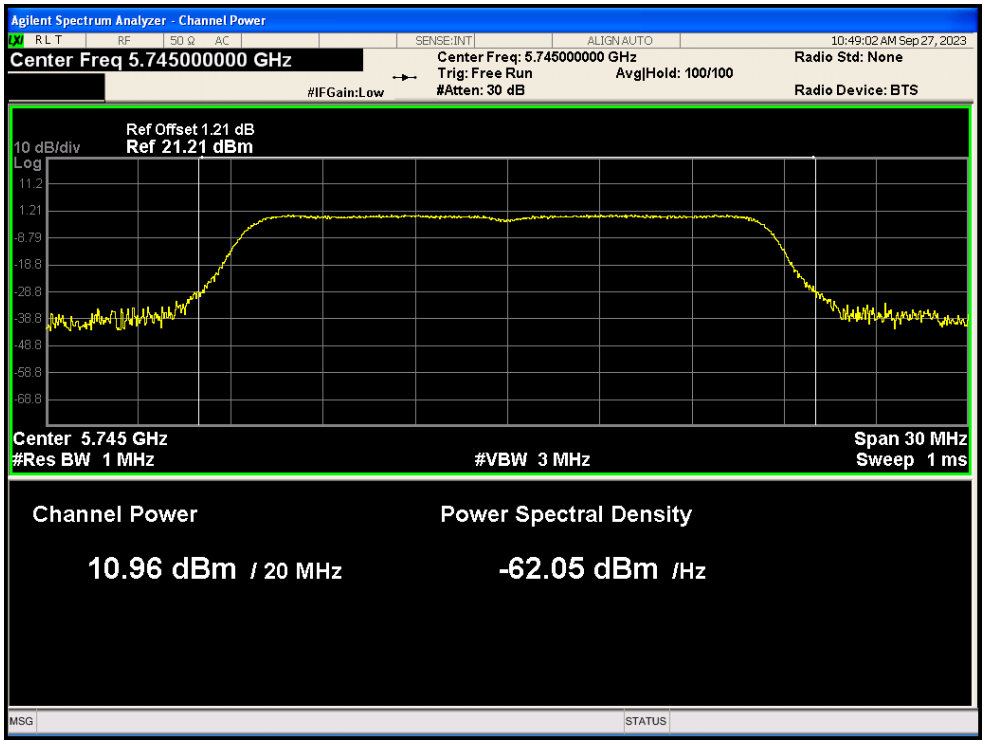
Power NVNT a 5785MHz Ant1



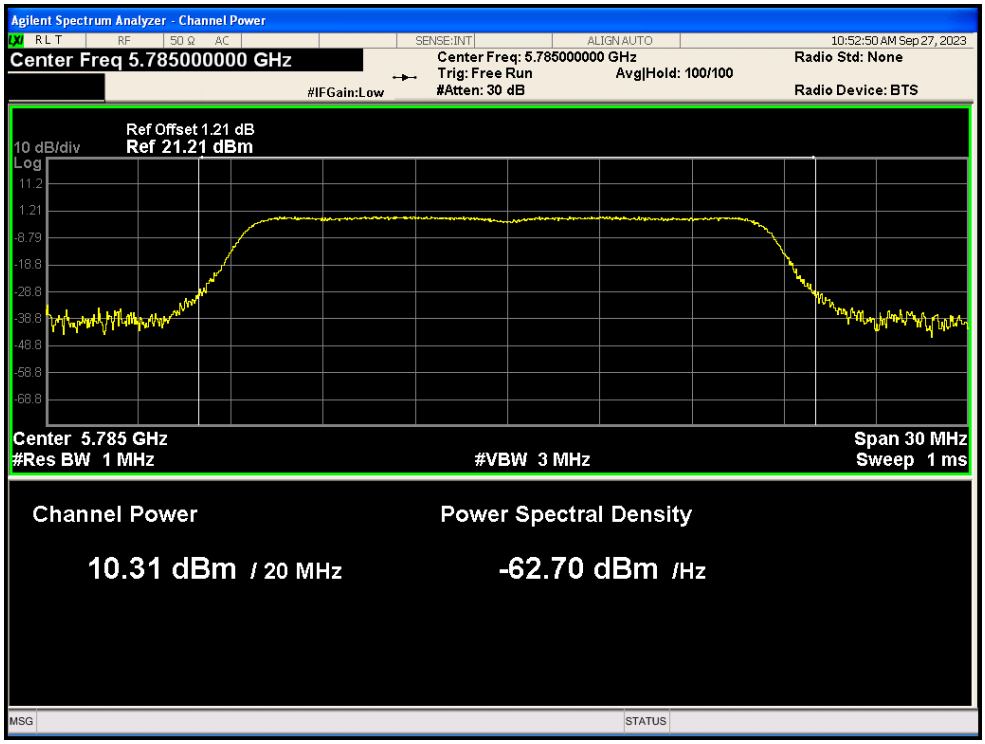
Power NVNT a 5825MHz Ant1



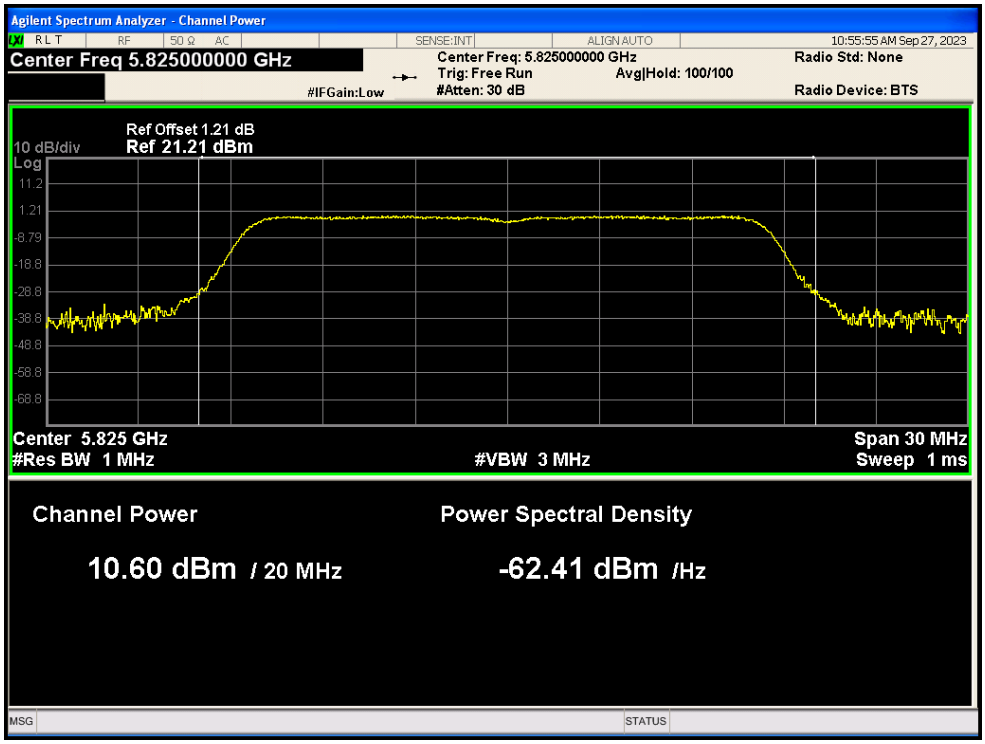
Power NVNT a 5745MHz Ant2



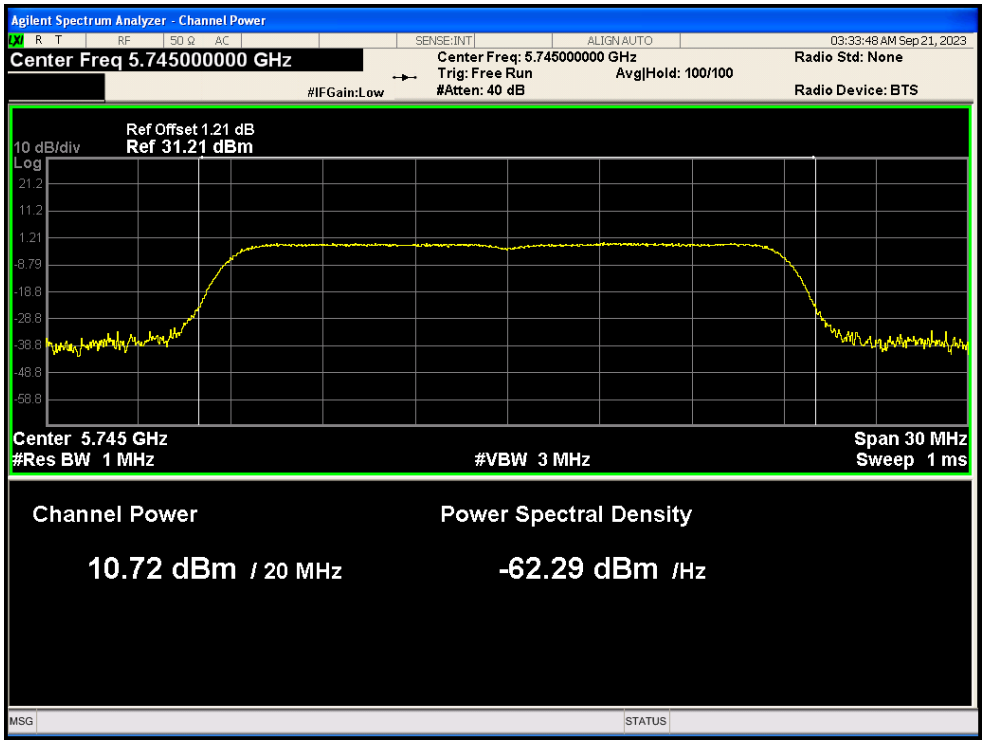
Power NVNT a 5785MHz Ant2



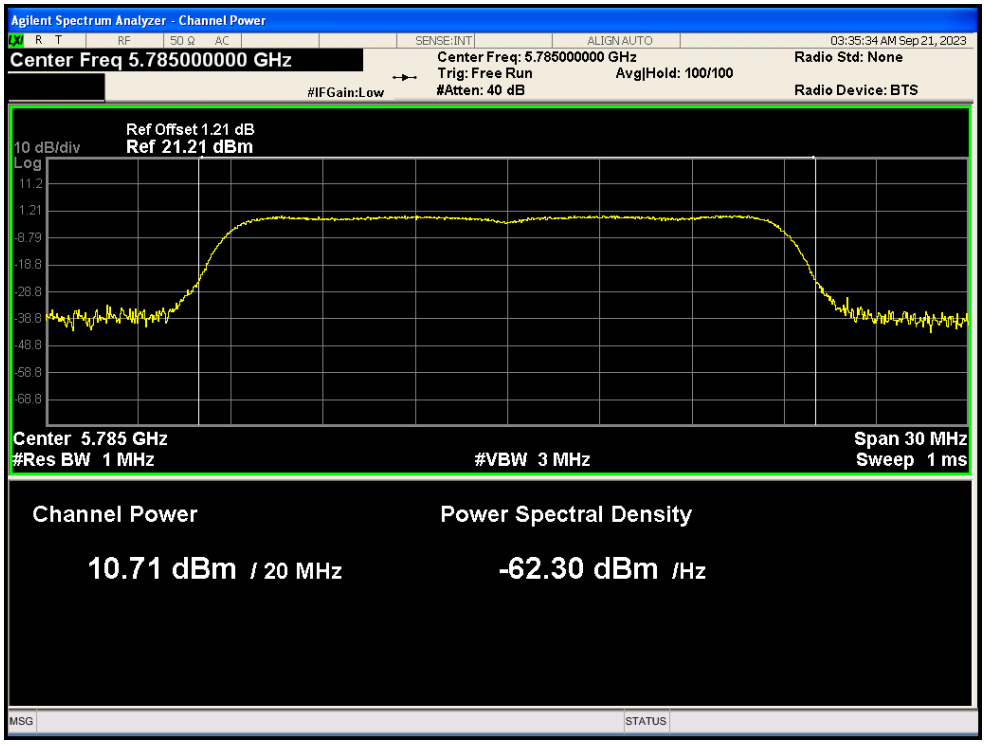
Power NVNT a 5825MHz Ant2



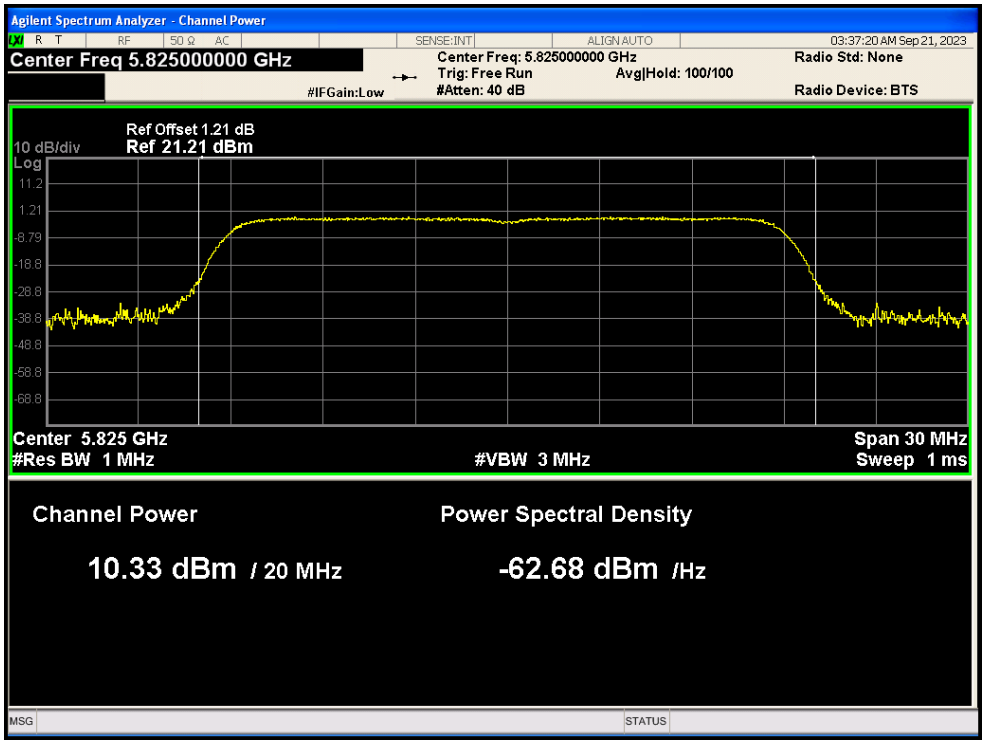
Power NVNT ac20 5745MHz Ant1



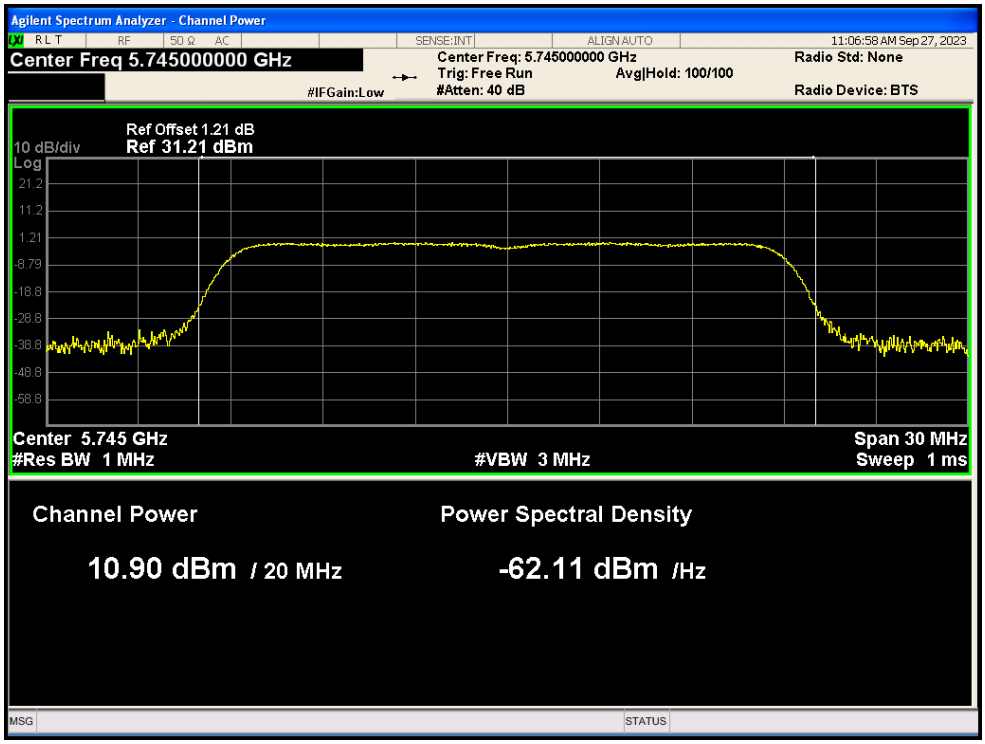
Power NVNT ac20 5785MHz Ant1



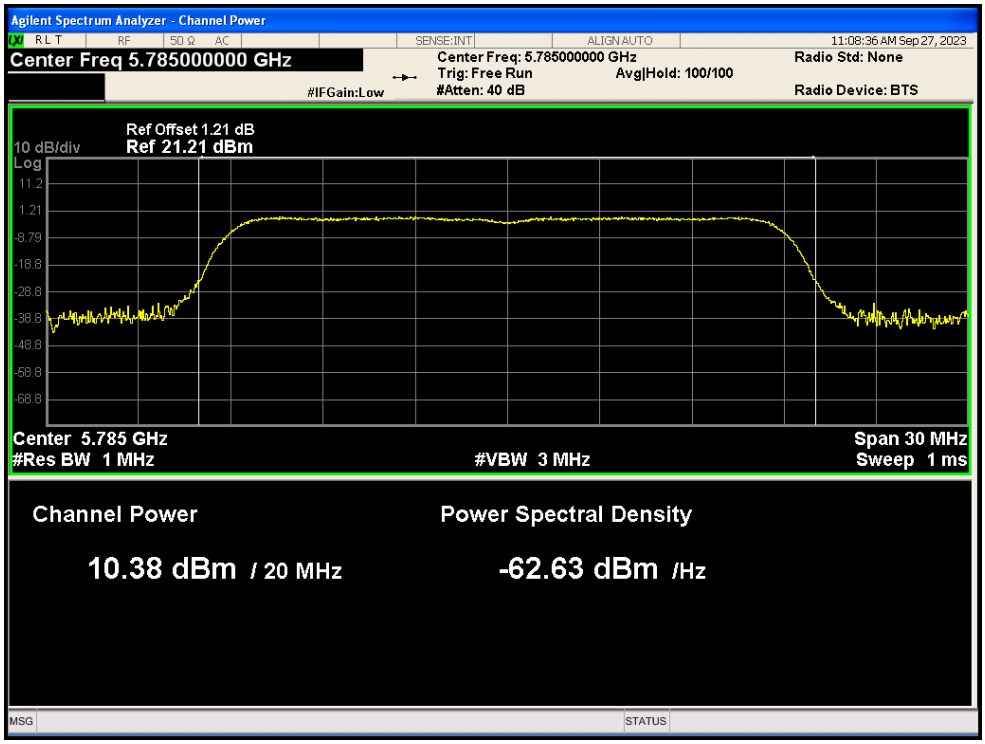
Power NVNT ac20 5825MHz Ant1



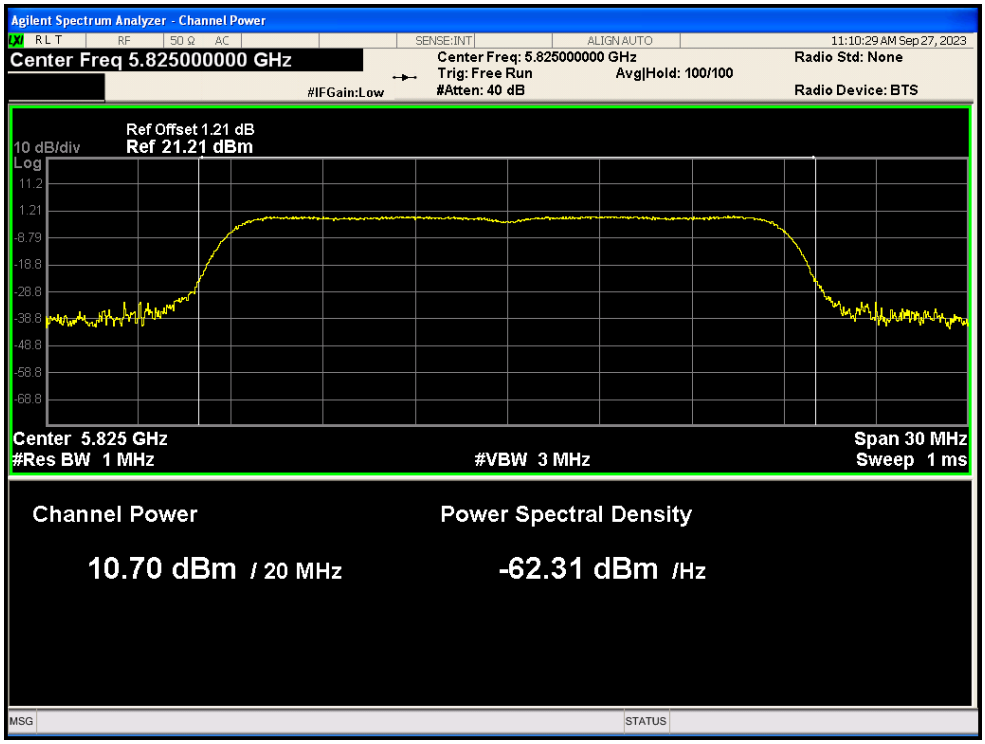
Power NVNT ac20 5745MHz Ant2



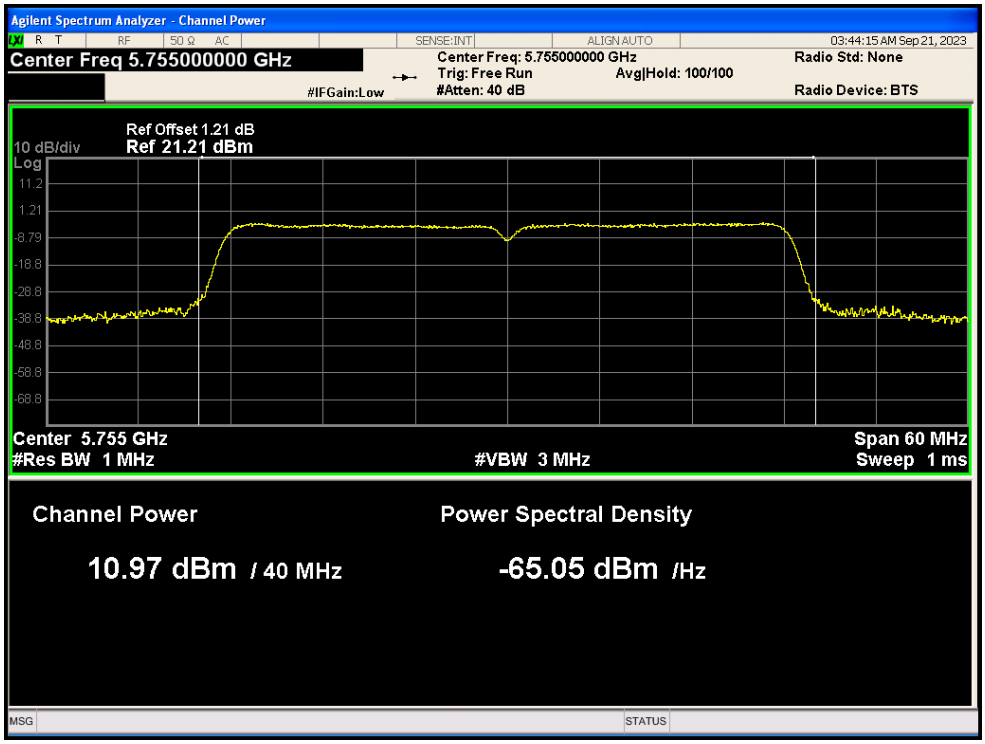
Power NVNT ac20 5785MHz Ant2



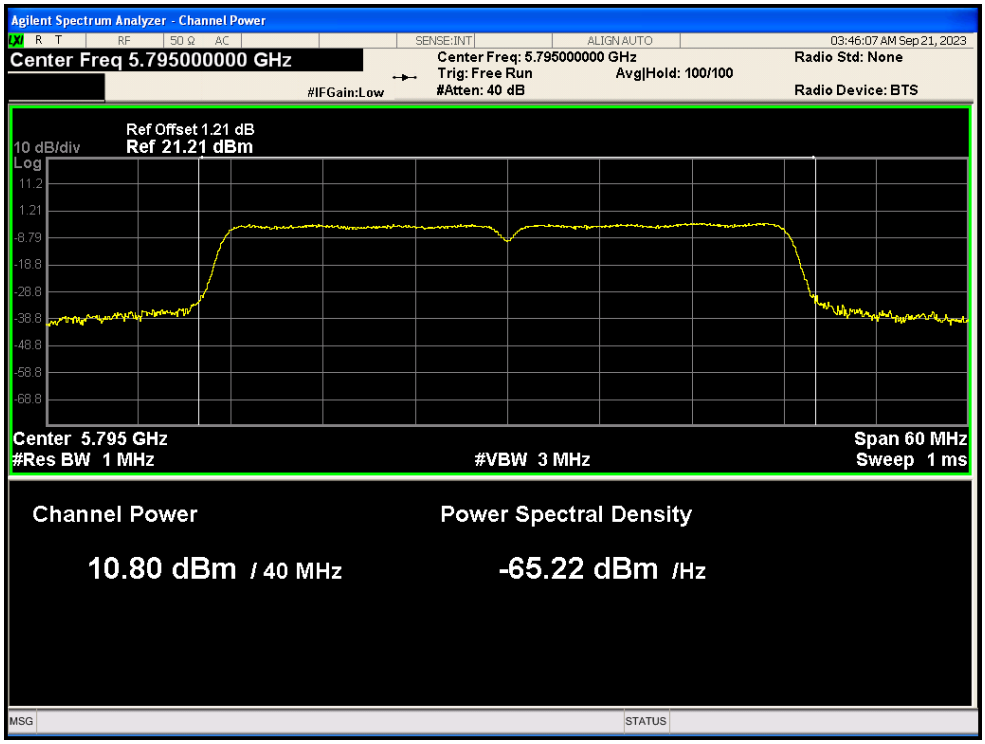
Power NVNT ac20 5825MHz Ant2



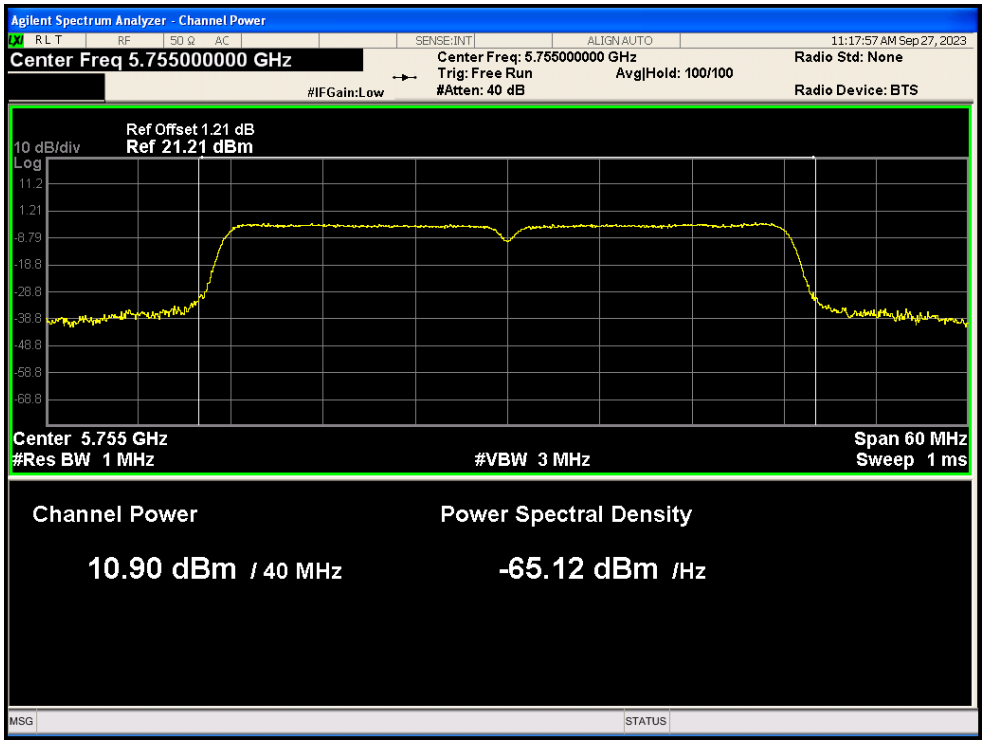
Power NVNT ac40 5755MHz Ant1



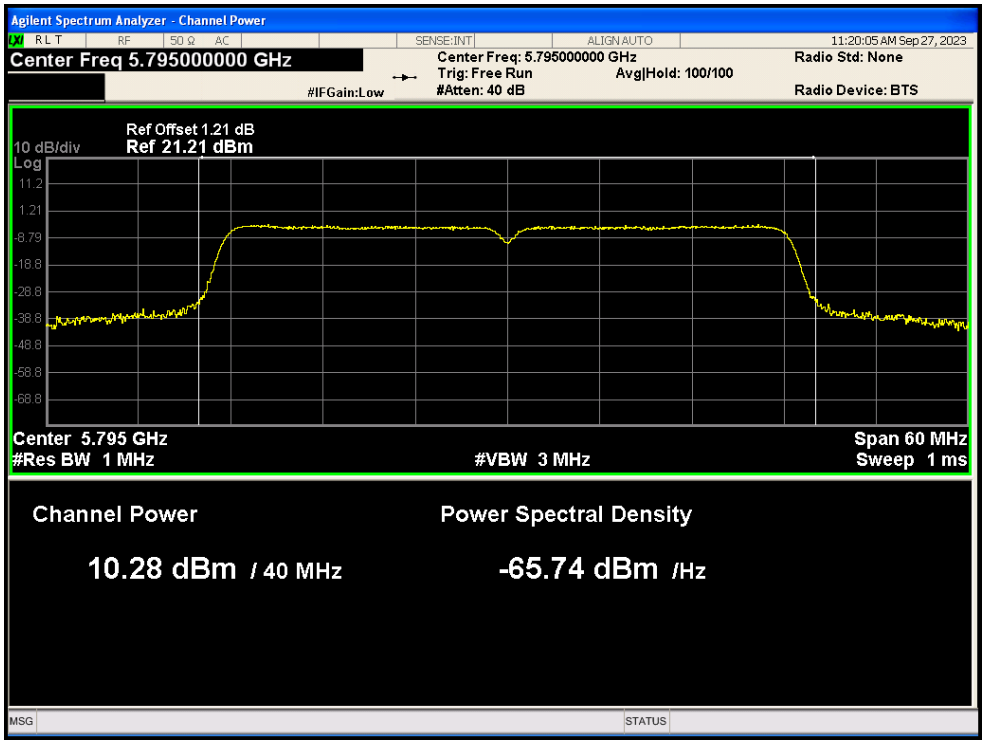
Power NVNT ac40 5795MHz Ant1



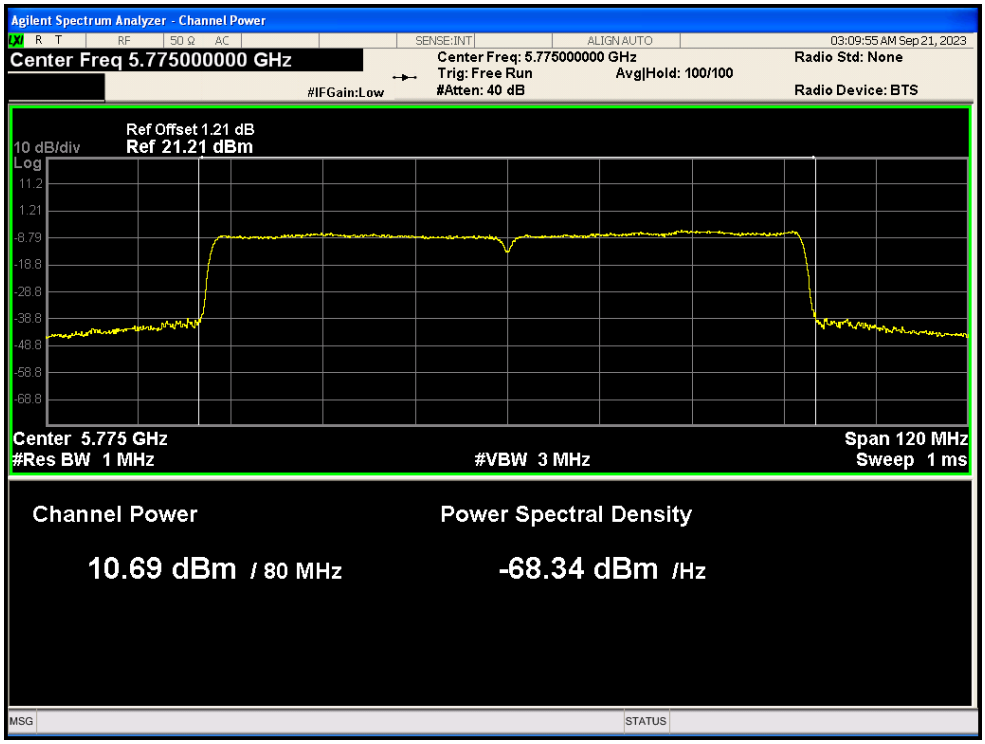
Power NVNT ac40 5755MHz Ant2



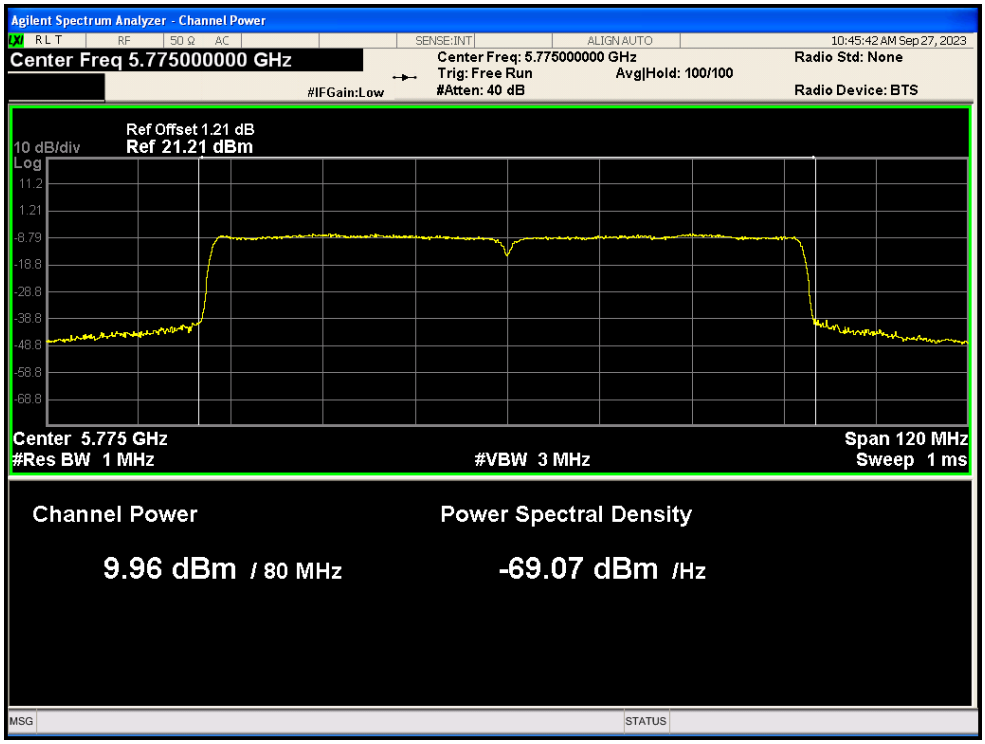
Power NVNT ac40 5795MHz Ant2



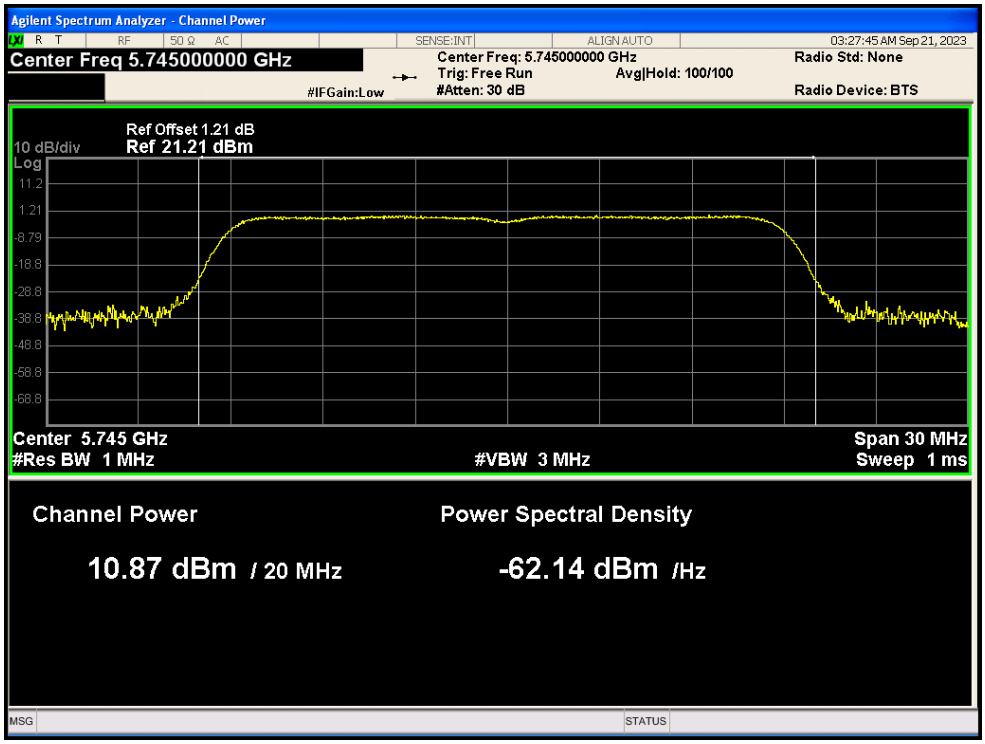
Power NVNT ac80 5775MHz Ant1



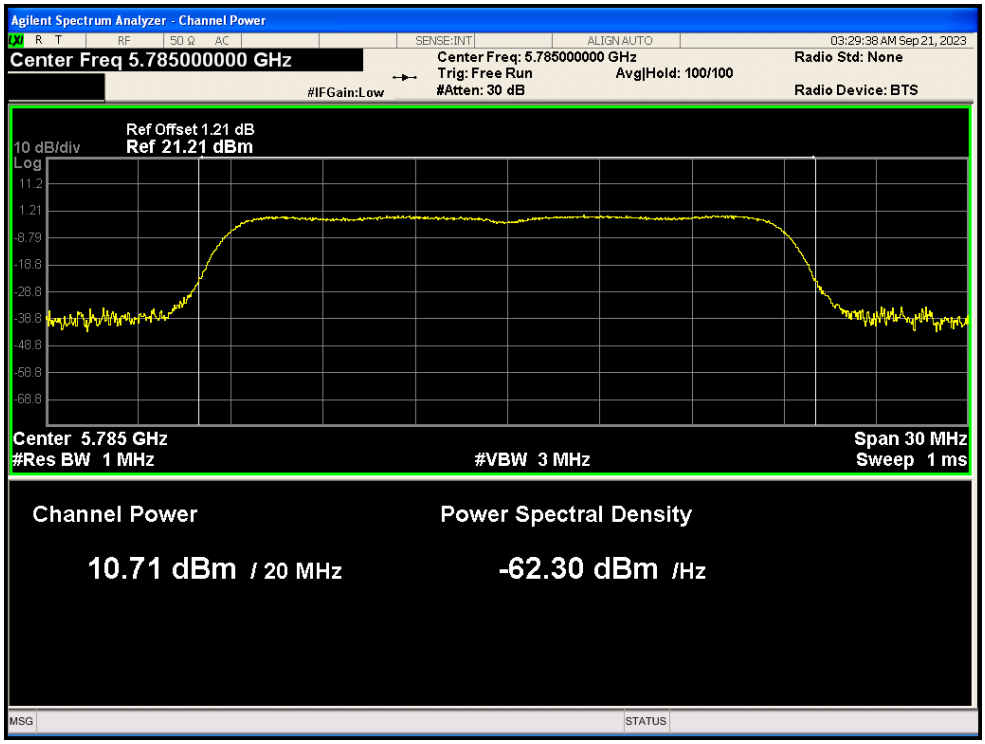
Power NVNT ac80 5775MHz Ant2



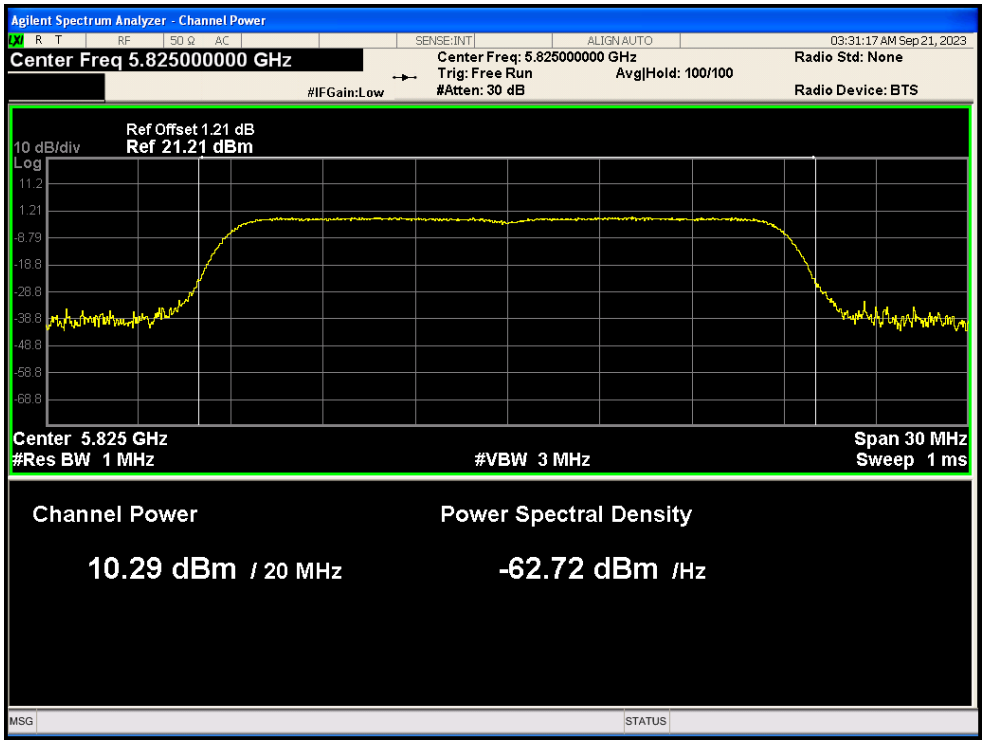
Power NVNT n20 5745MHz Ant1



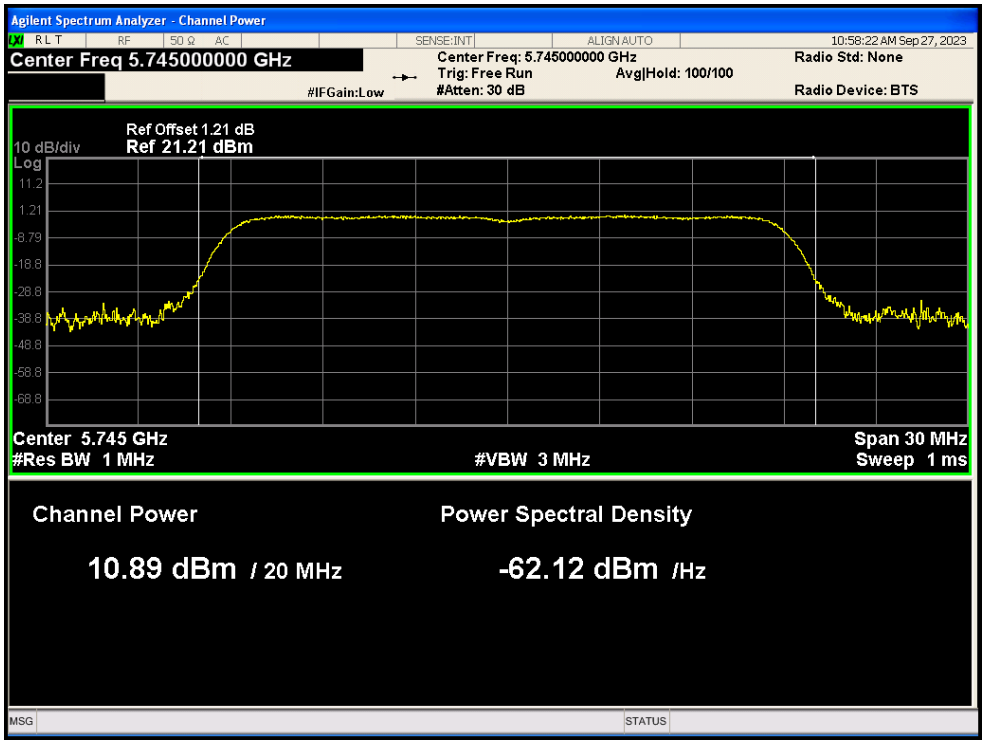
Power NVNT n20 5785MHz Ant1



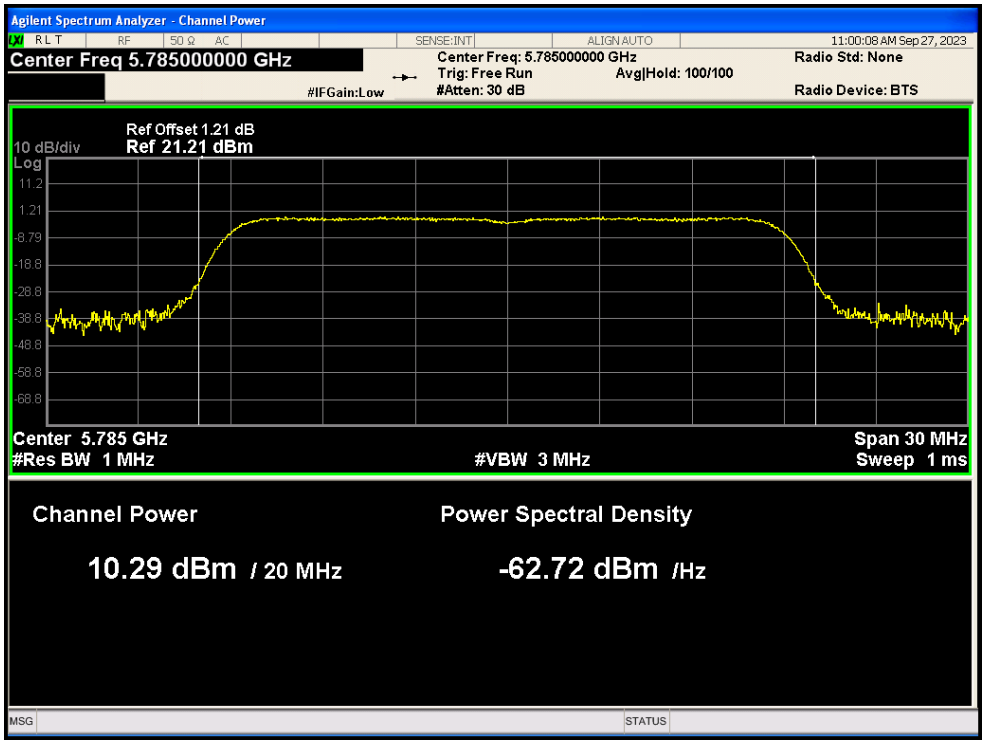
Power NVNT n20 5825MHz Ant1



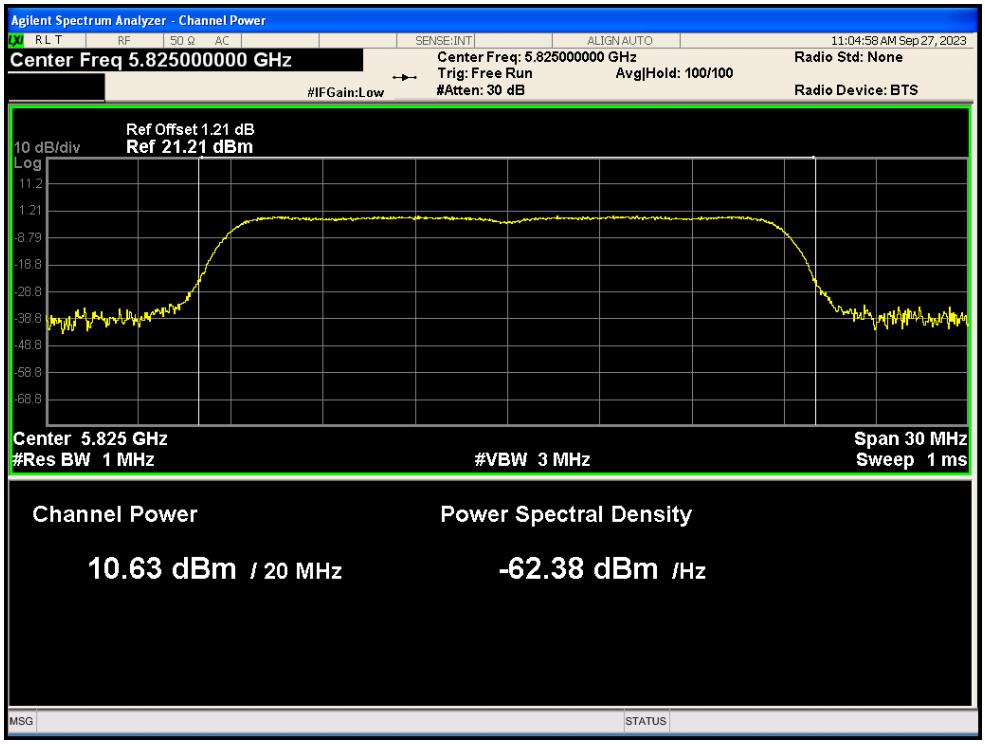
Power NVNT n20 5745MHz Ant2



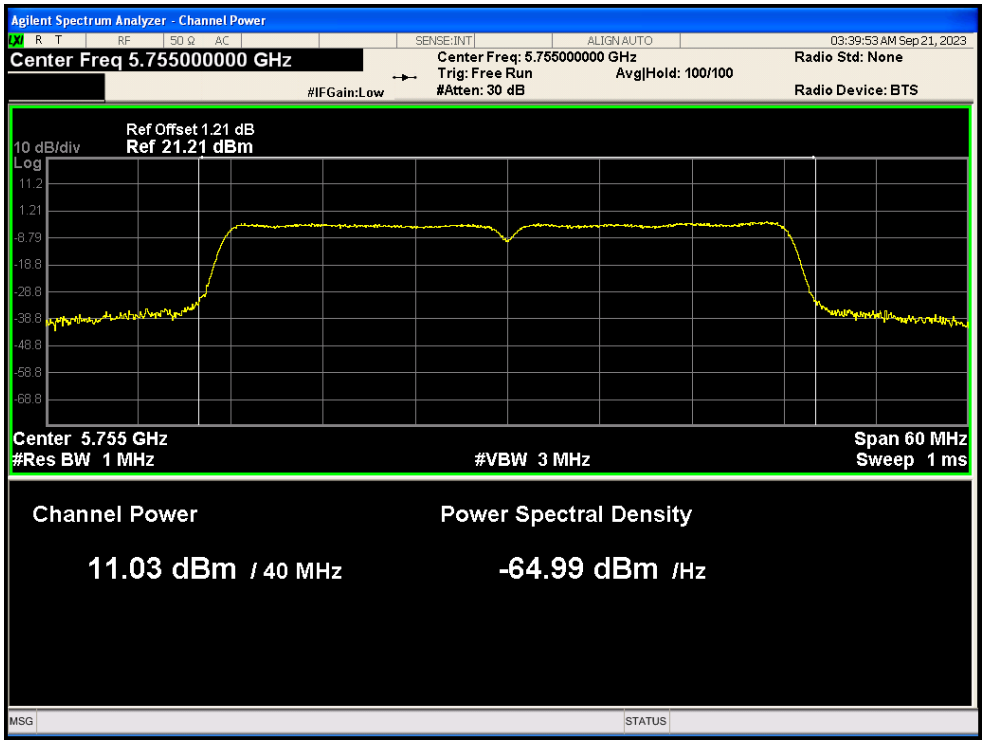
Power NVNT n20 5785MHz Ant2



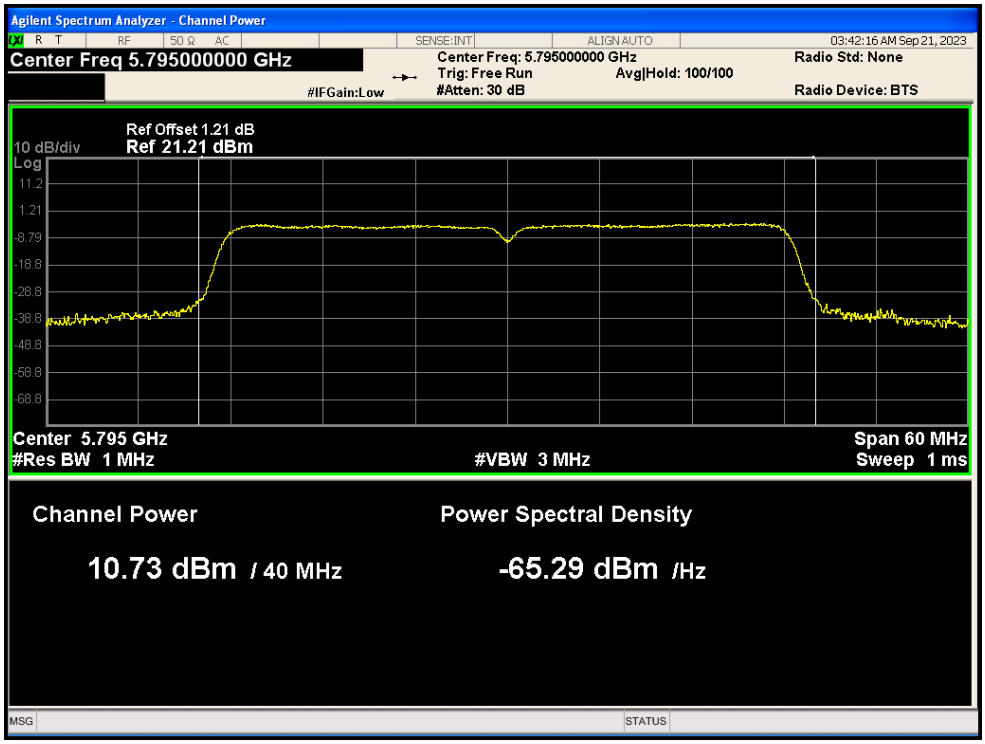
Power NVNT n20 5825MHz Ant2



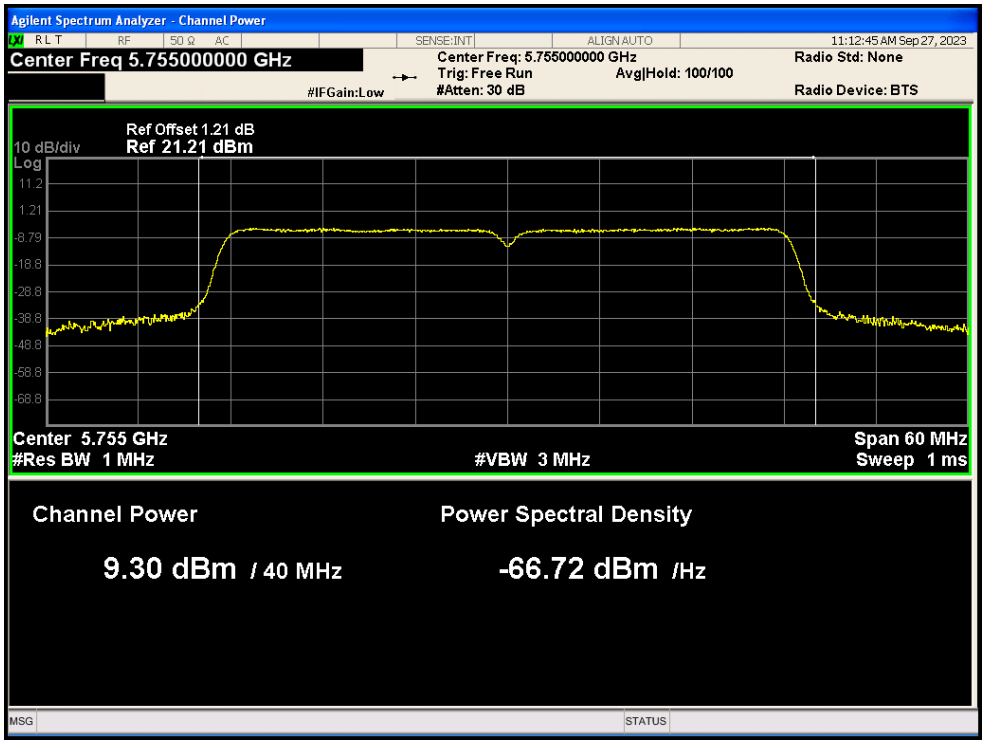
Power NVNT n40 5755MHz Ant1



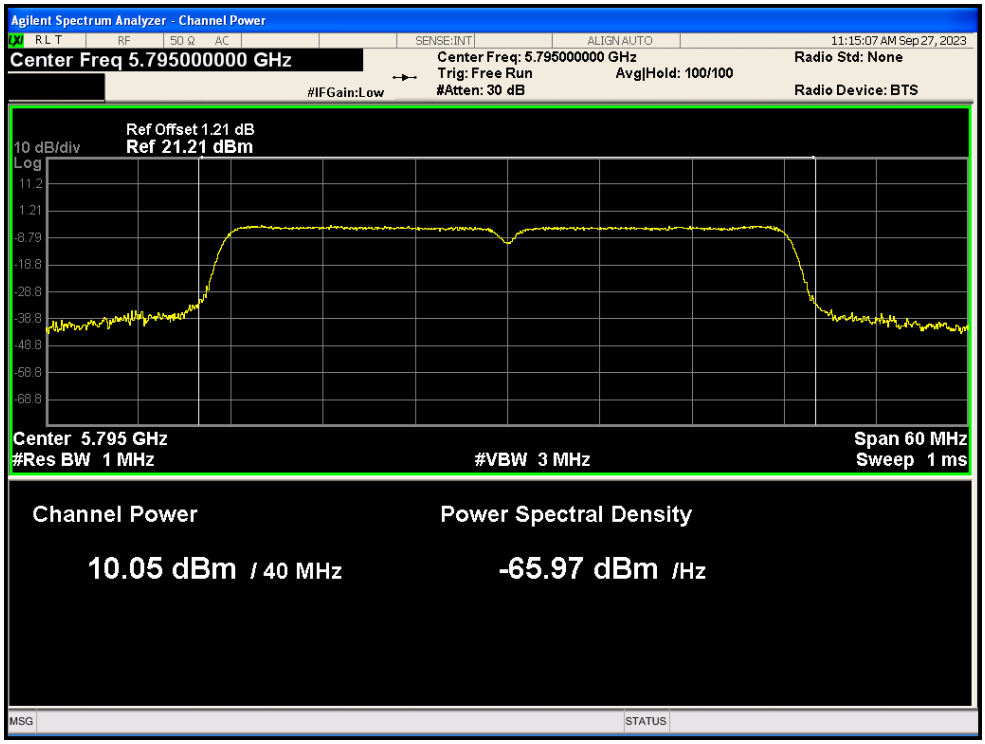
Power NVNT n40 5795MHz Ant1



Power NVNT n40 5755MHz Ant2



Power NVNT n40 5795MHz Ant2

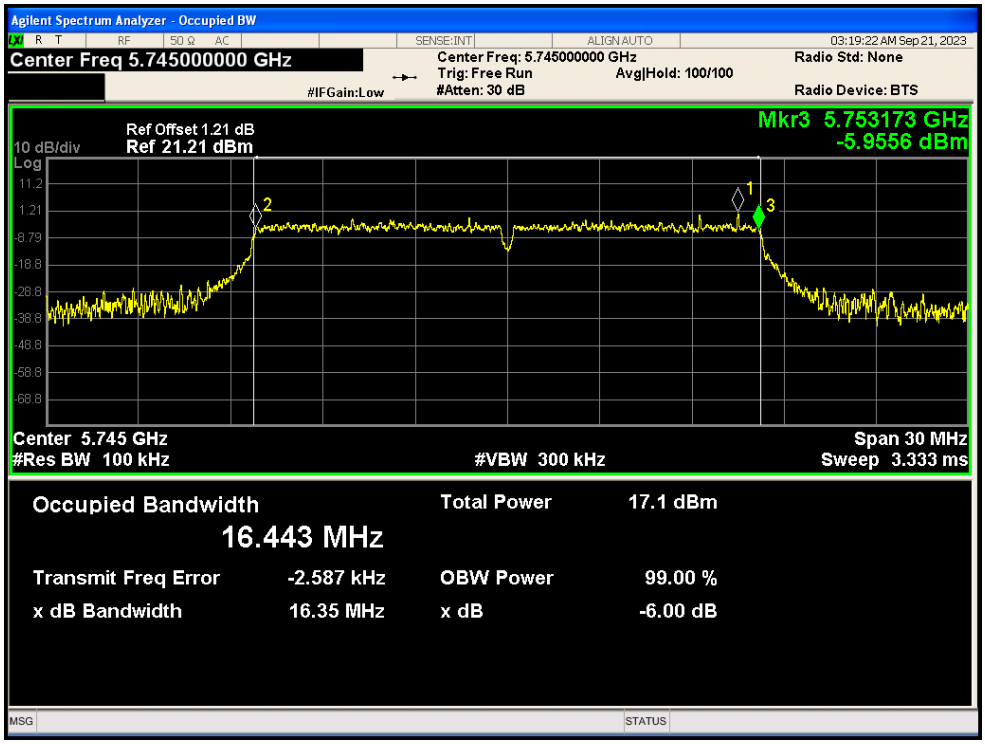


-6dB Bandwidth

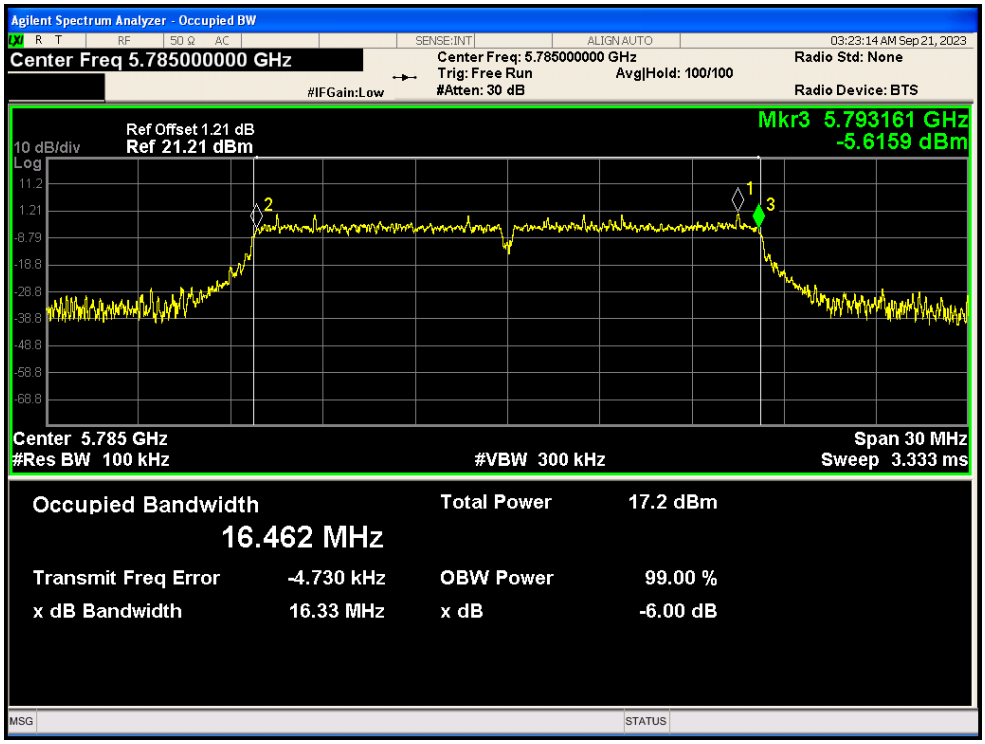
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.35	0.5	Pass
NVNT	a	5785	Ant1	16.331	0.5	Pass
NVNT	a	5825	Ant1	16.347	0.5	Pass

NVNT	a	5745	Ant2	16.336	0.5	Pass
NVNT	a	5785	Ant2	16.346	0.5	Pass
NVNT	a	5825	Ant2	16.337	0.5	Pass
NVNT	ac20	5745	Ant1	17.588	0.5	Pass
NVNT	ac20	5785	Ant1	17.52	0.5	Pass
NVNT	ac20	5825	Ant1	17.561	0.5	Pass
NVNT	ac20	5745	Ant2	17.537	0.5	Pass
NVNT	ac20	5785	Ant2	17.556	0.5	Pass
NVNT	ac20	5825	Ant2	17.561	0.5	Pass
NVNT	ac40	5755	Ant1	36.298	0.5	Pass
NVNT	ac40	5795	Ant1	36.398	0.5	Pass
NVNT	ac40	5755	Ant2	36.278	0.5	Pass
NVNT	ac40	5795	Ant2	36.446	0.5	Pass
NVNT	ac80	5775	Ant1	75.718	0.5	Pass
NVNT	ac80	5775	Ant2	75.658	0.5	Pass
NVNT	n20	5745	Ant1	17.567	0.5	Pass
NVNT	n20	5785	Ant1	17.581	0.5	Pass
NVNT	n20	5825	Ant1	17.549	0.5	Pass
NVNT	n20	5745	Ant2	17.542	0.5	Pass
NVNT	n20	5785	Ant2	17.564	0.5	Pass
NVNT	n20	5825	Ant2	17.557	0.5	Pass
NVNT	n40	5755	Ant1	36.355	0.5	Pass
NVNT	n40	5795	Ant1	36.266	0.5	Pass
NVNT	n40	5755	Ant2	36.332	0.5	Pass
NVNT	n40	5795	Ant2	36.375	0.5	Pass

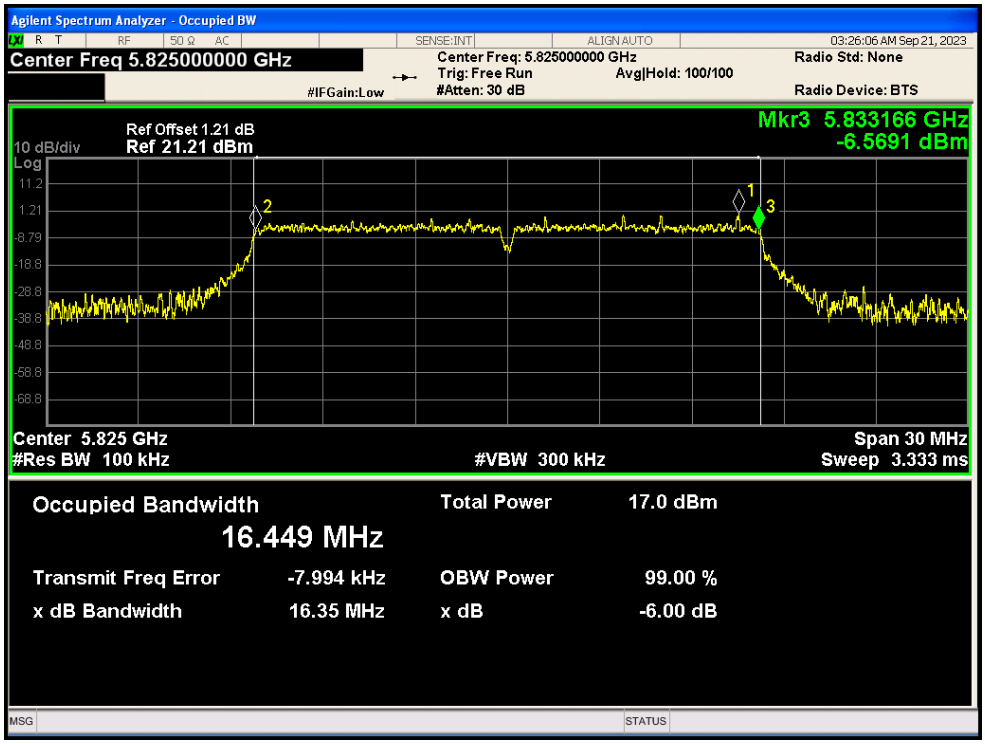
-6dB Bandwidth NVNT a 5745MHz Ant1



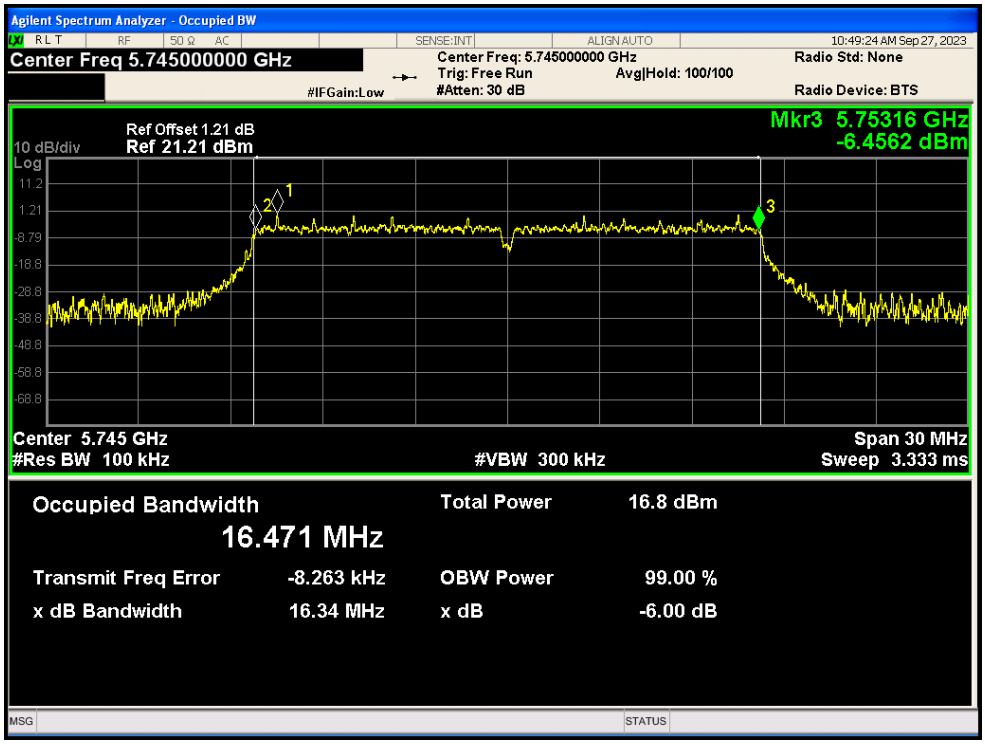
-6dB Bandwidth NVNT a 5785MHz Ant1



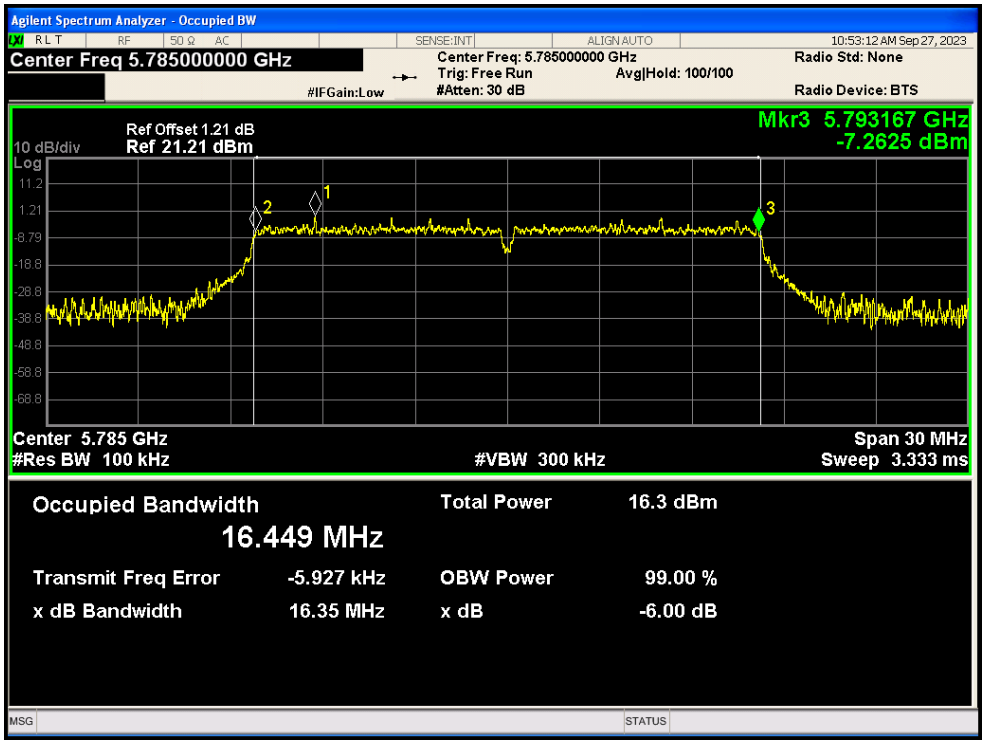
-6dB Bandwidth NVNT a 5825MHz Ant1



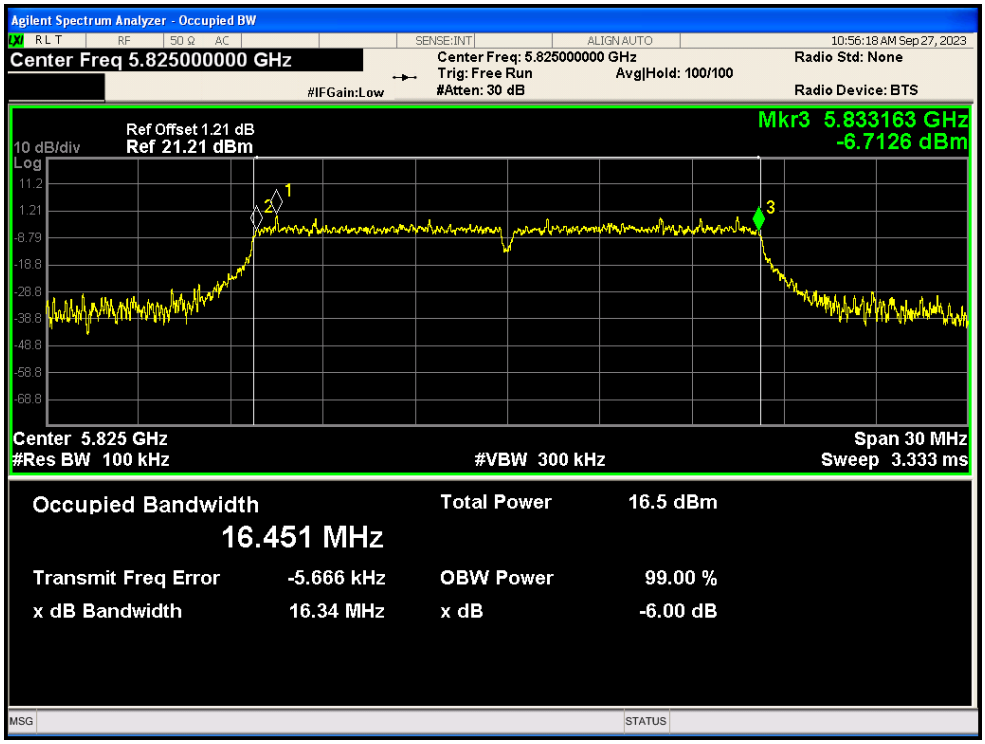
-6dB Bandwidth NVNT a 5745MHz Ant2



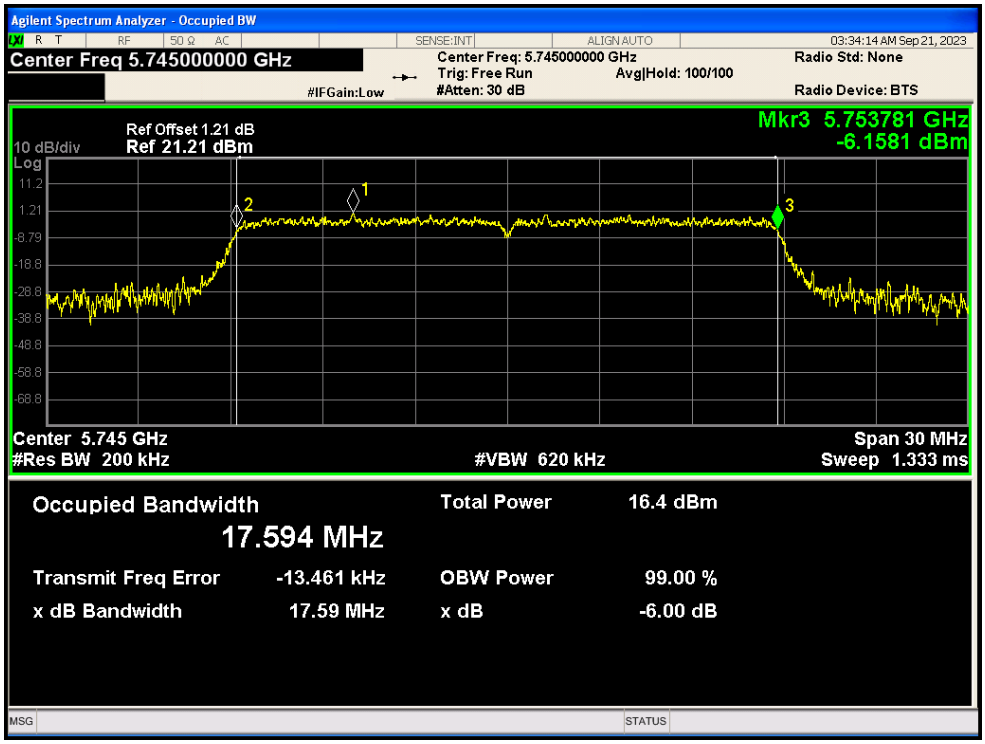
-6dB Bandwidth NVNT a 5785MHz Ant2



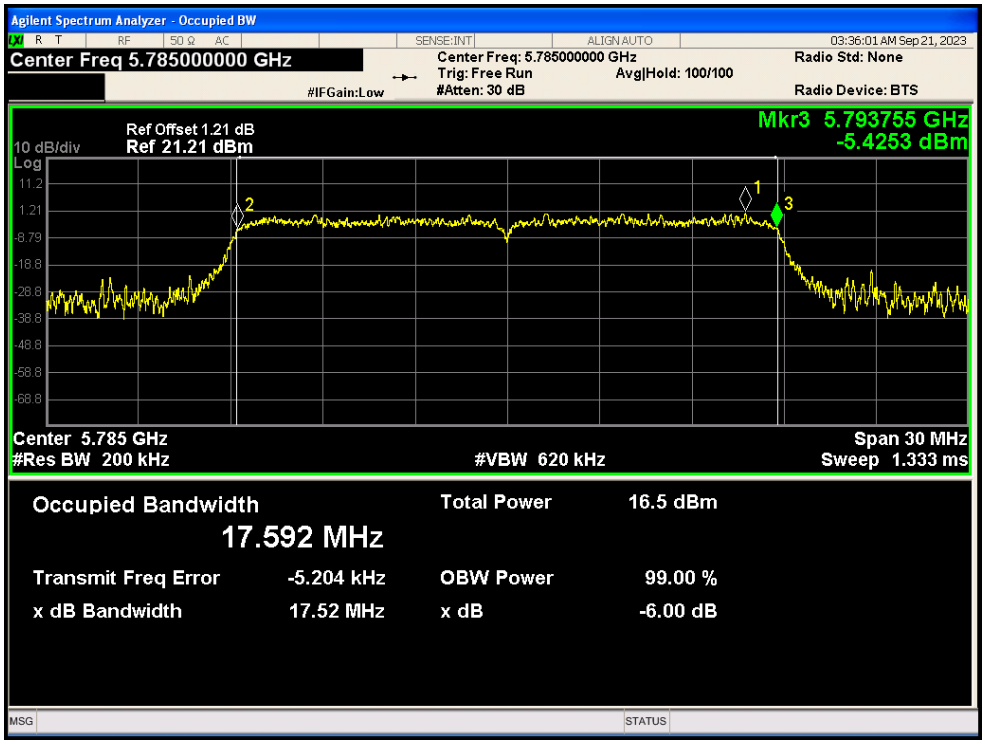
-6dB Bandwidth NVNT a 5825MHz Ant2



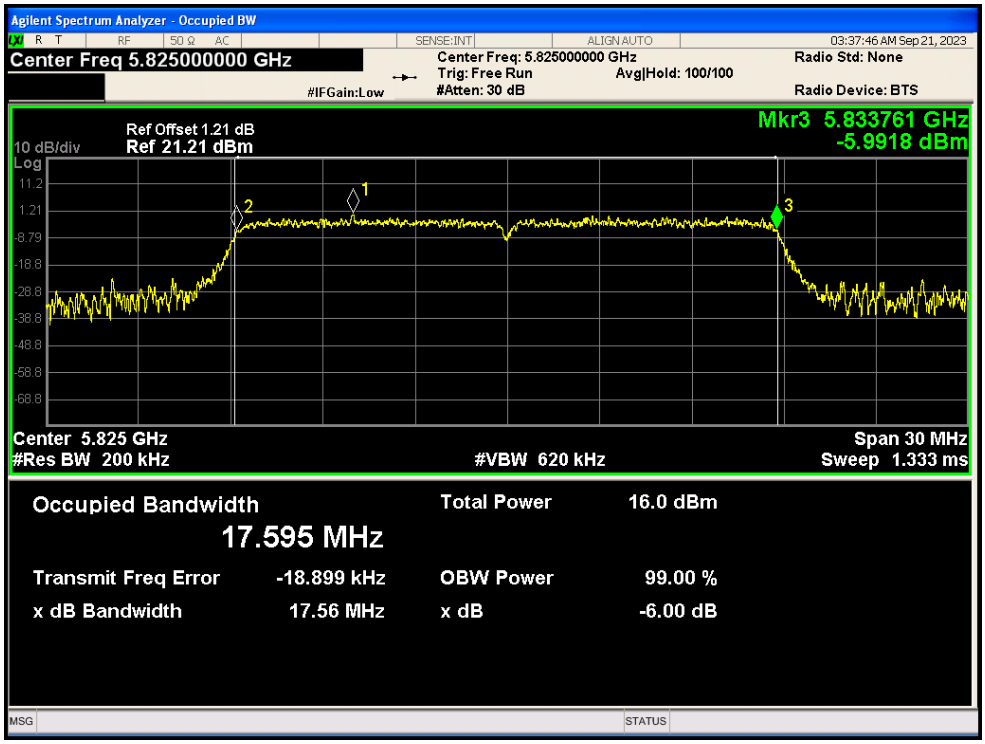
-6dB Bandwidth NVNT ac20 5745MHz Ant1



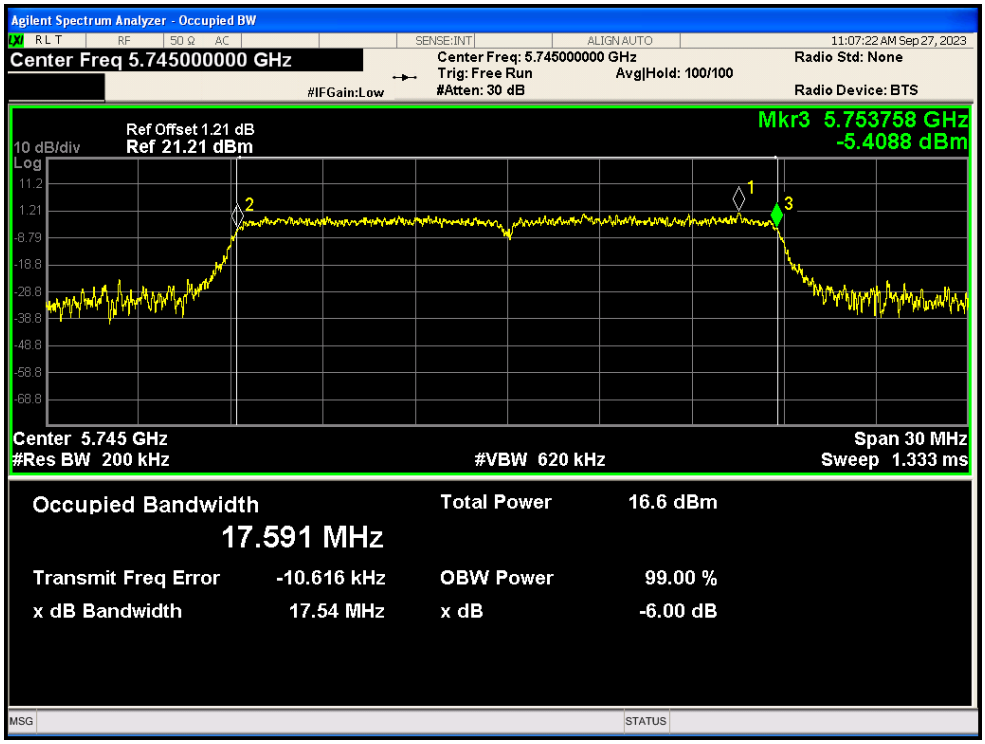
-6dB Bandwidth NVNT ac20 5785MHz Ant1



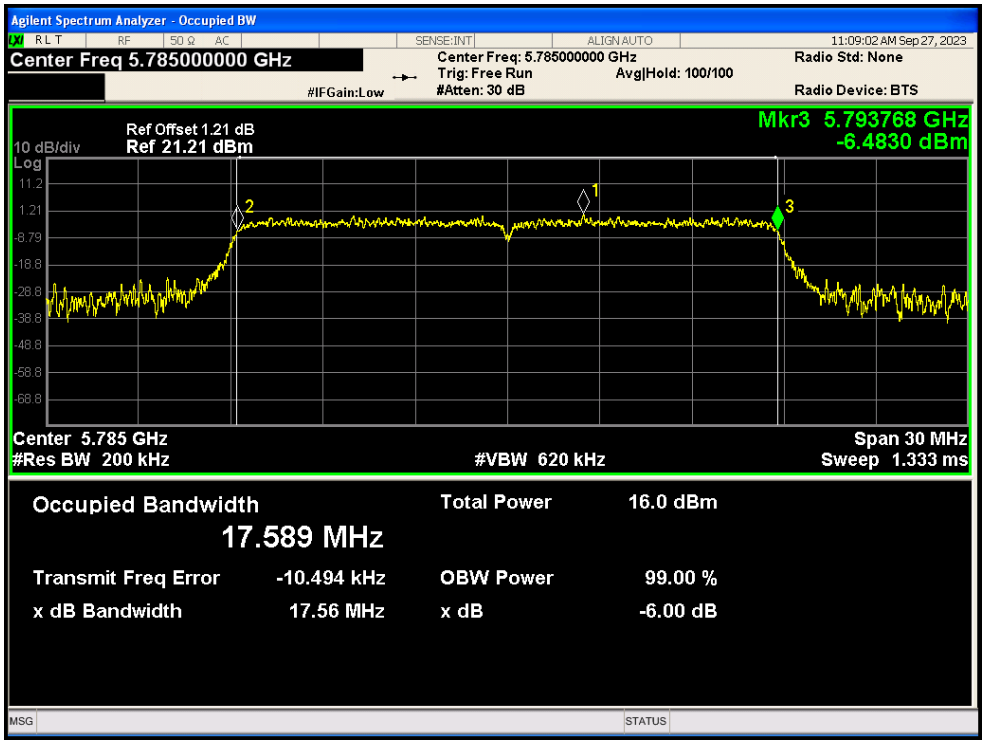
-6dB Bandwidth NVNT ac20 5825MHz Ant1



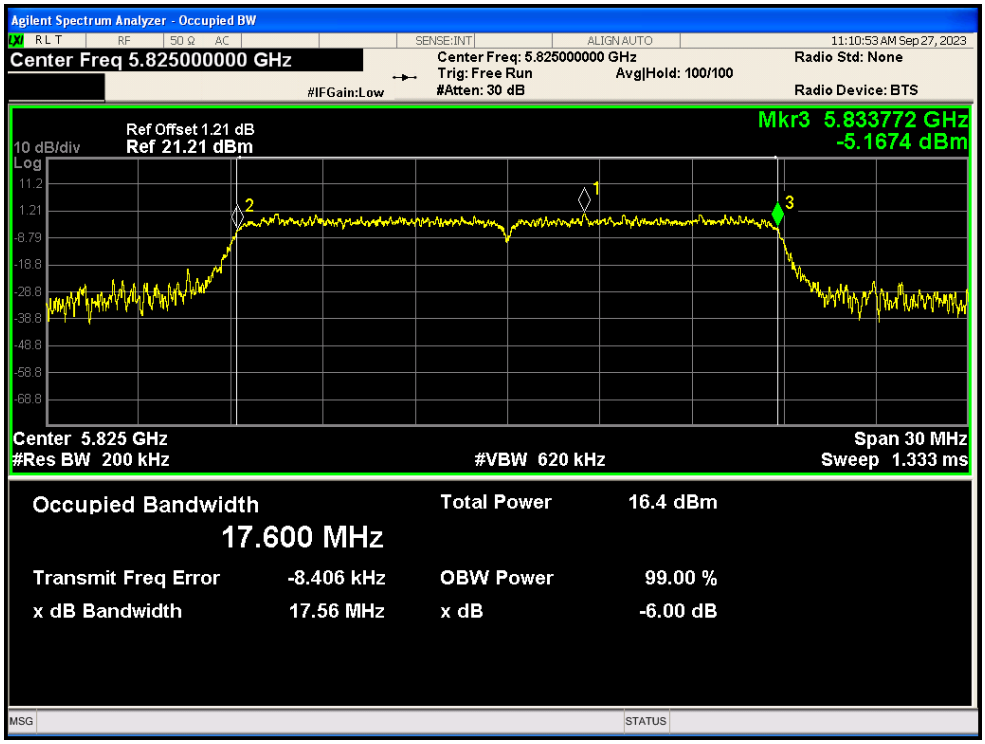
-6dB Bandwidth NVNT ac20 5745MHz Ant2



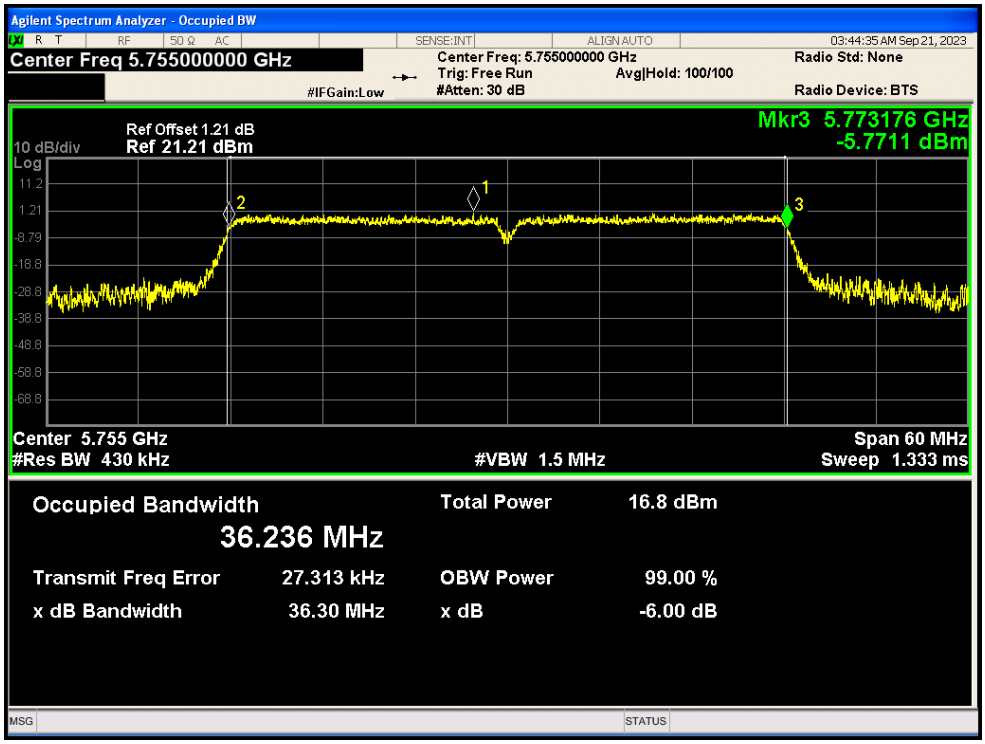
-6dB Bandwidth NVNT ac20 5785MHz Ant2



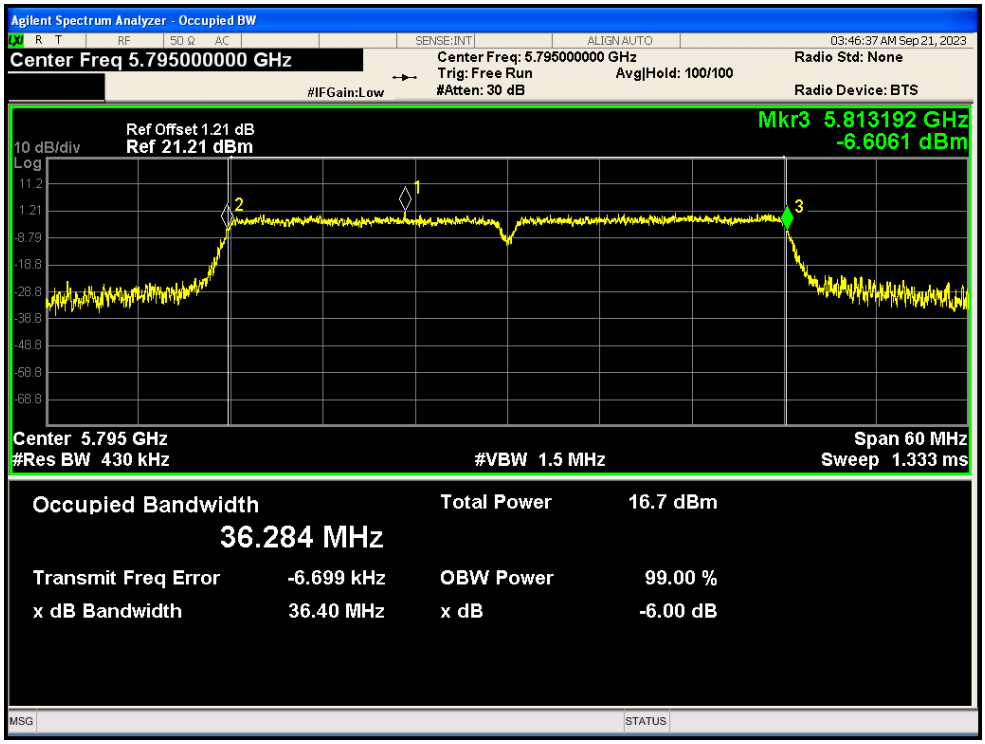
-6dB Bandwidth NVNT ac20 5825MHz Ant2



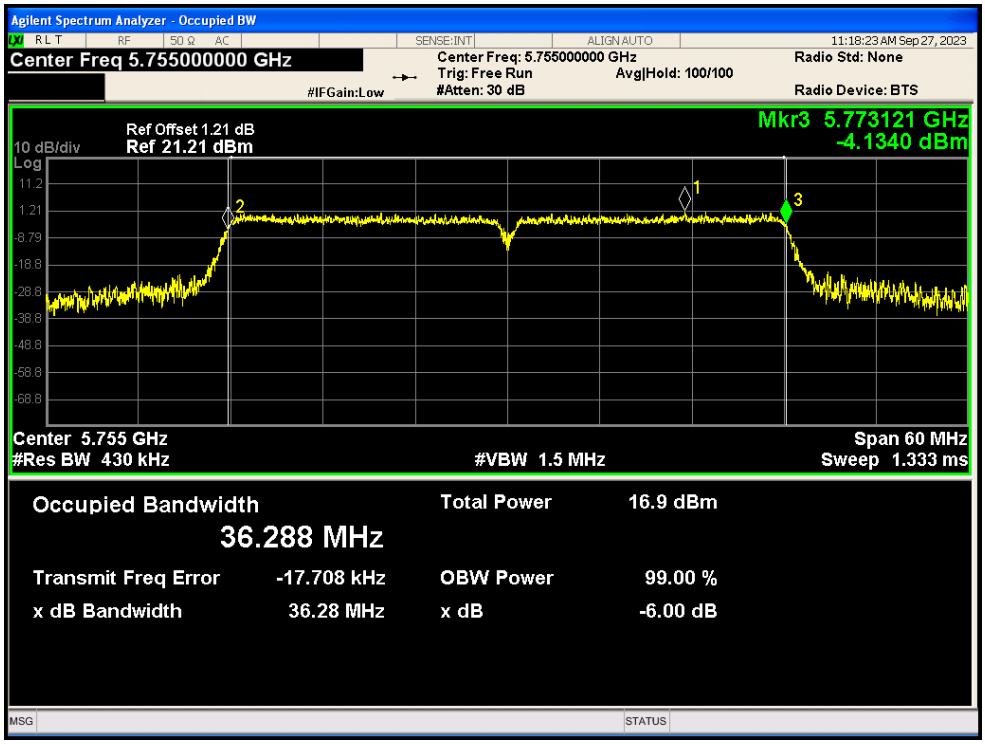
-6dB Bandwidth NVNT ac40 5755MHz Ant1



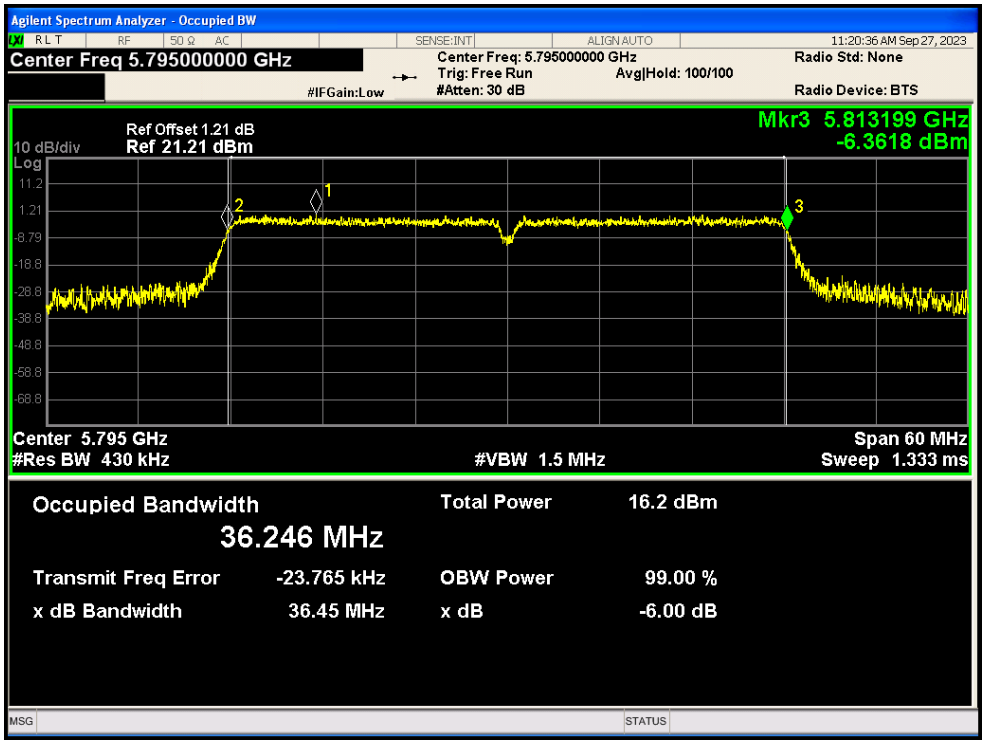
-6dB Bandwidth NVNT ac40 5795MHz Ant1



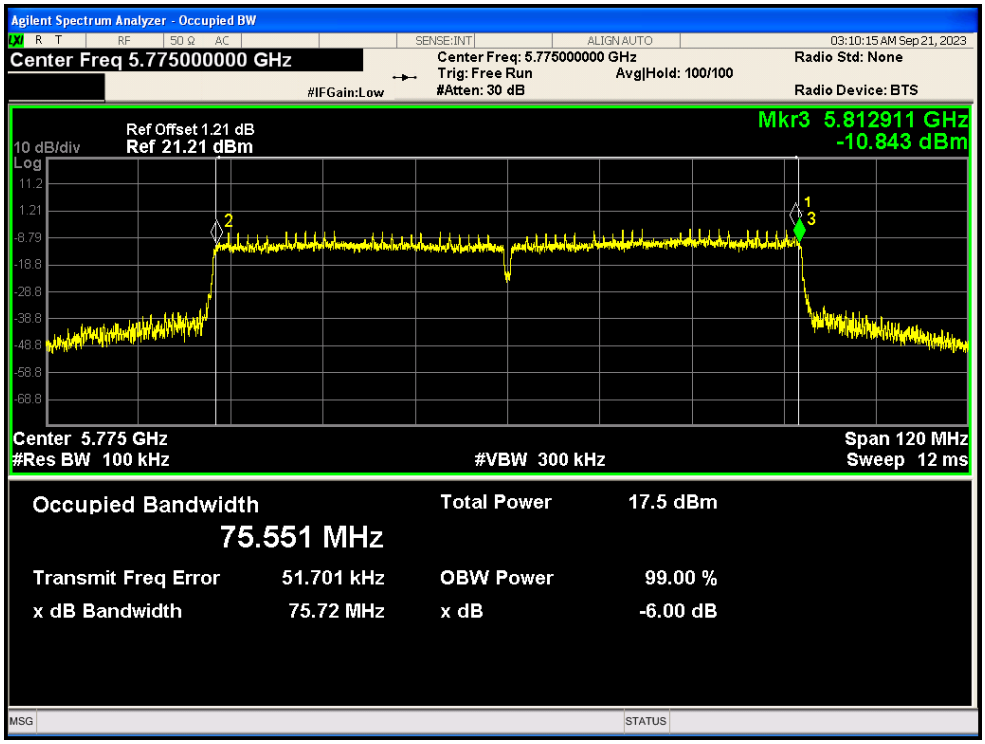
-6dB Bandwidth NVNT ac40 5755MHz Ant2



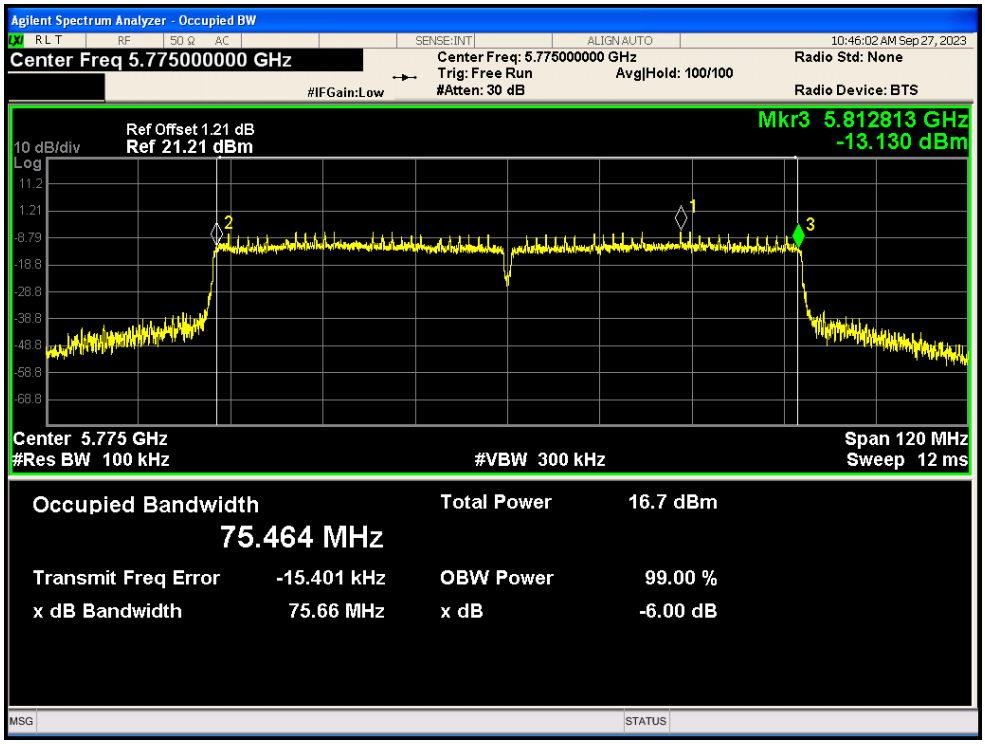
-6dB Bandwidth NVNT ac40 5795MHz Ant2



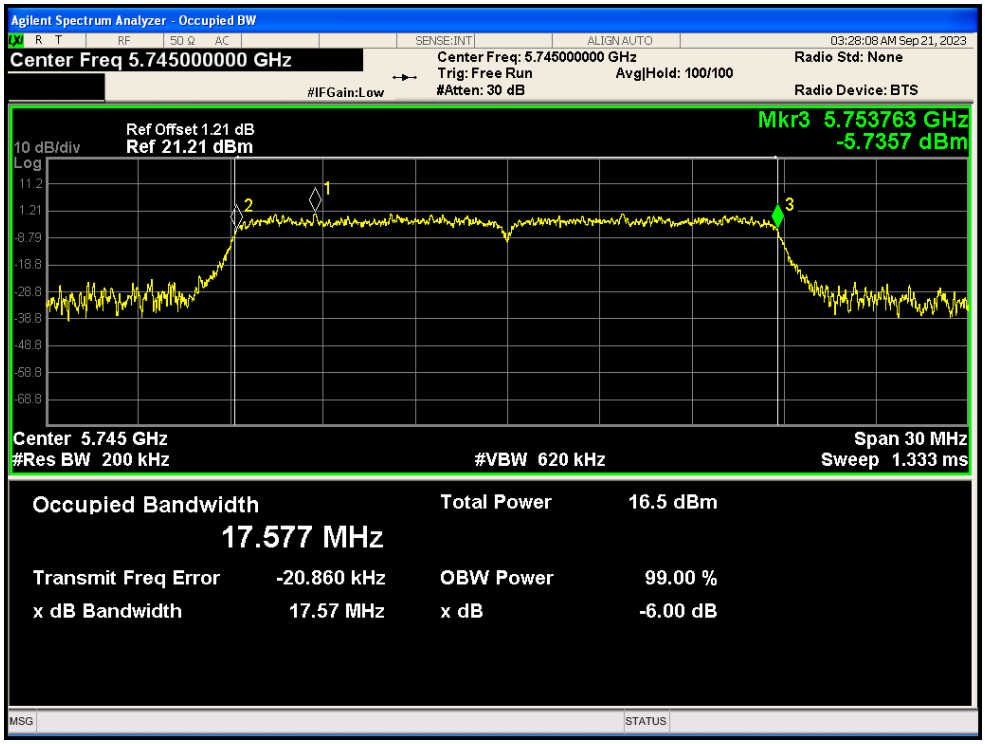
-6dB Bandwidth NVNT ac80 5775MHz Ant1



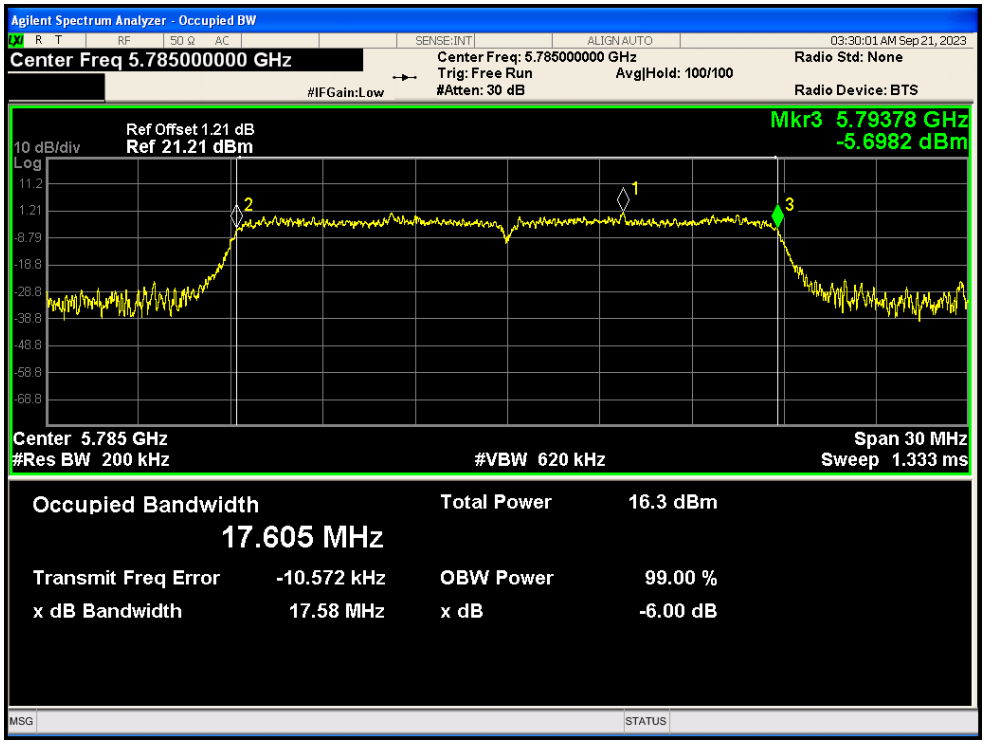
-6dB Bandwidth NVNT ac80 5775MHz Ant2



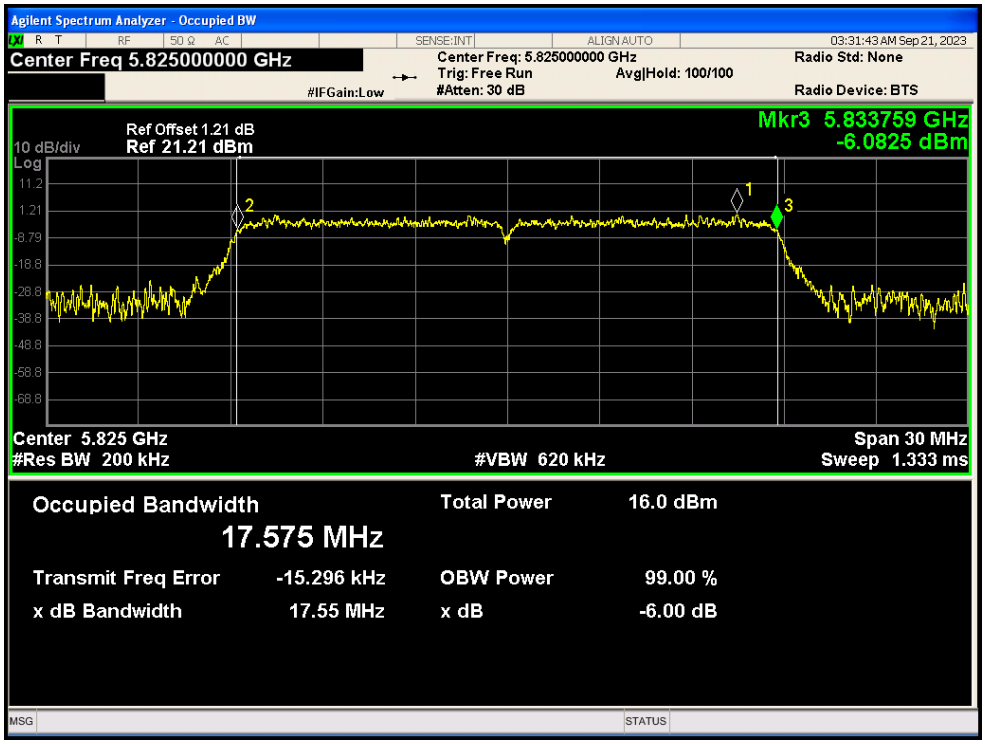
-6dB Bandwidth NVNT n20 5745MHz Ant1



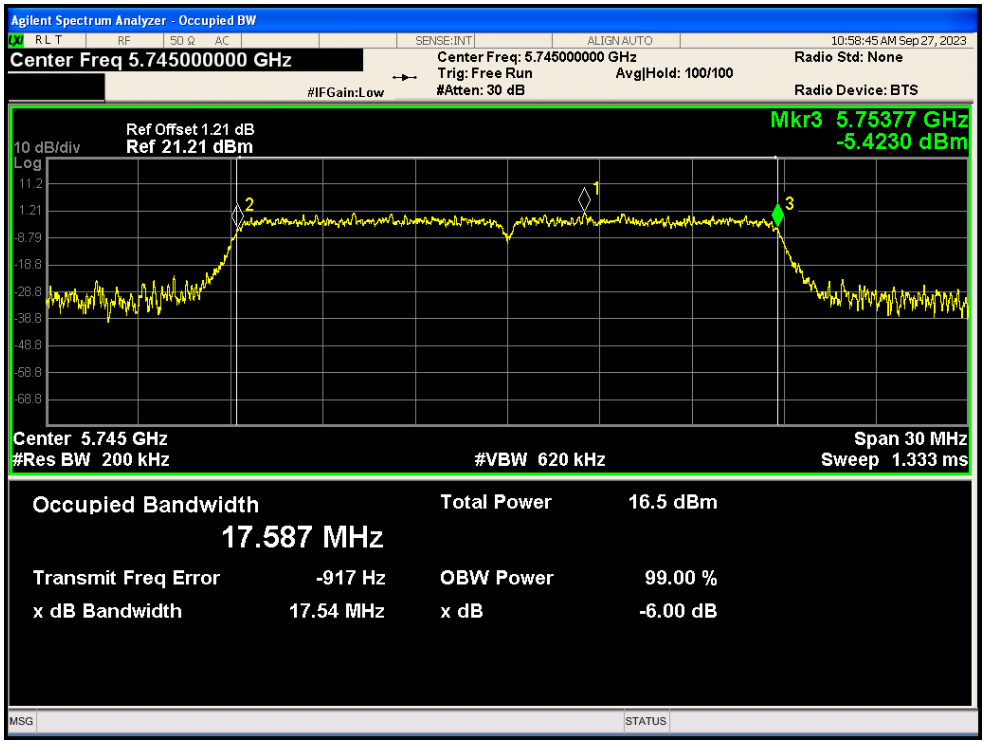
-6dB Bandwidth NVNT n20 5785MHz Ant1



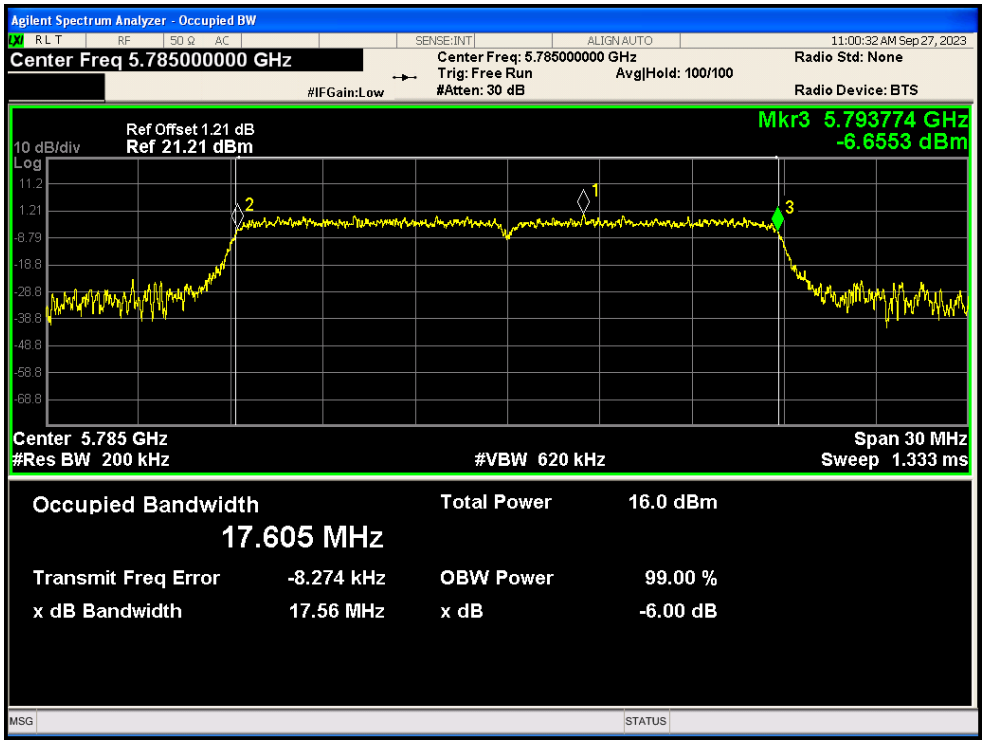
-6dB Bandwidth NVNT n20 5825MHz Ant1



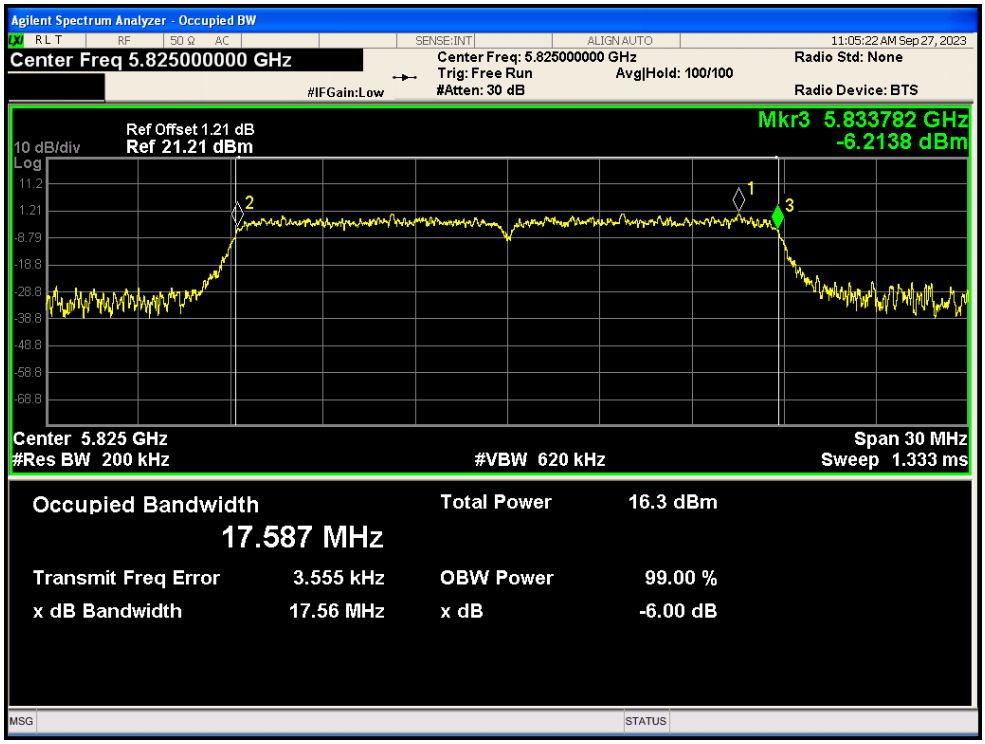
-6dB Bandwidth NVNT n20 5745MHz Ant2



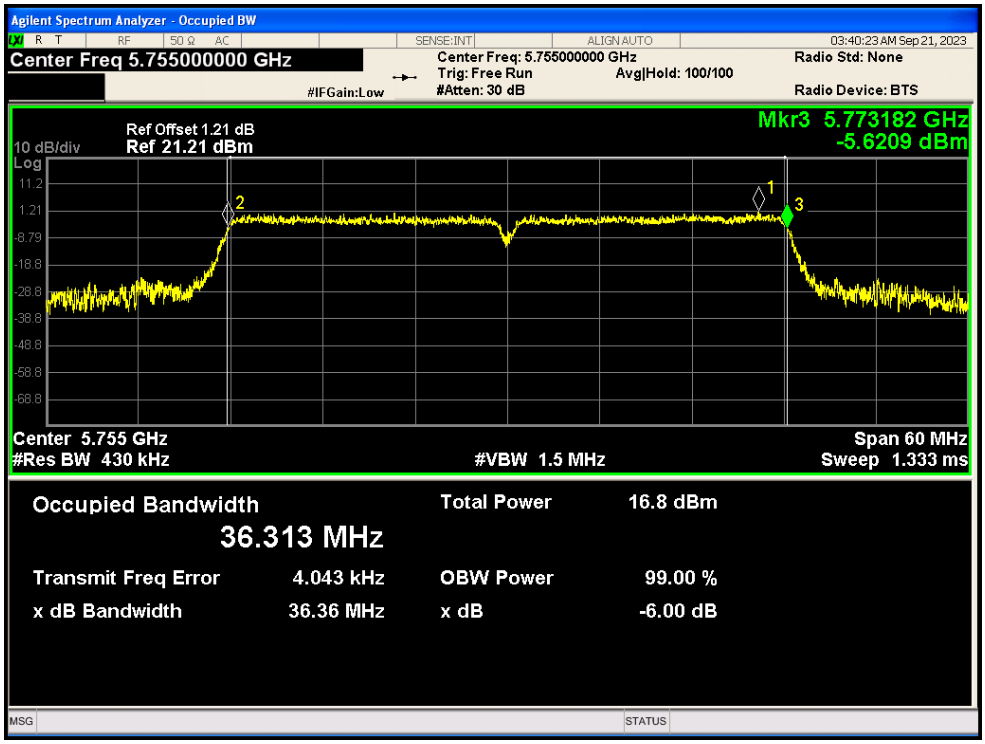
-6dB Bandwidth NVNT n20 5785MHz Ant2



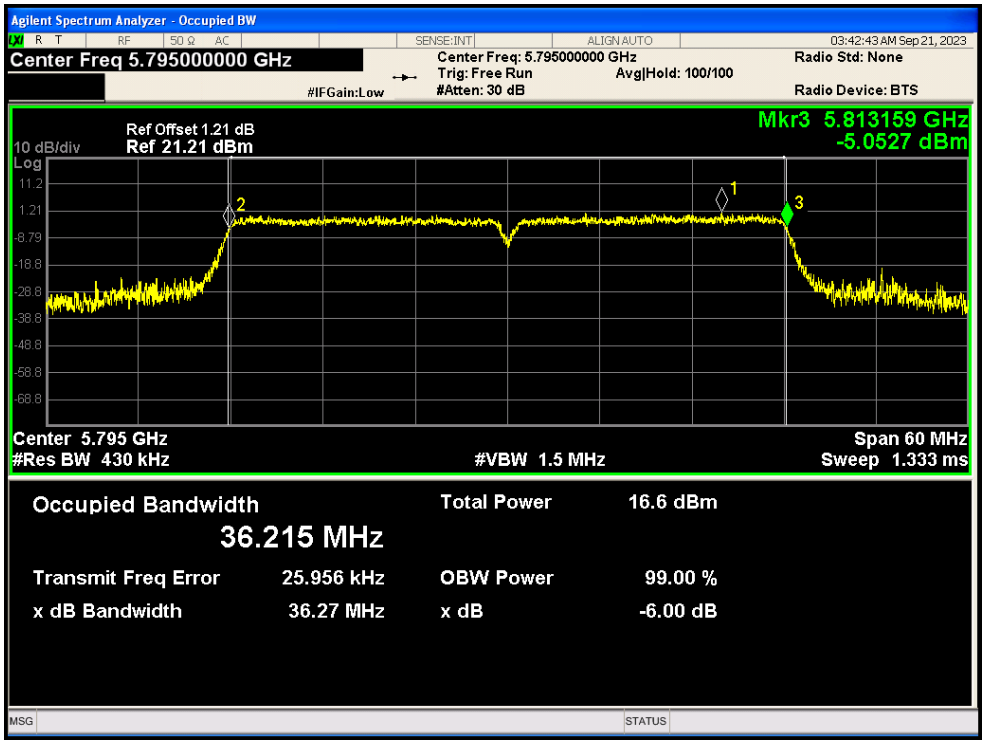
-6dB Bandwidth NVNT n20 5825MHz Ant2



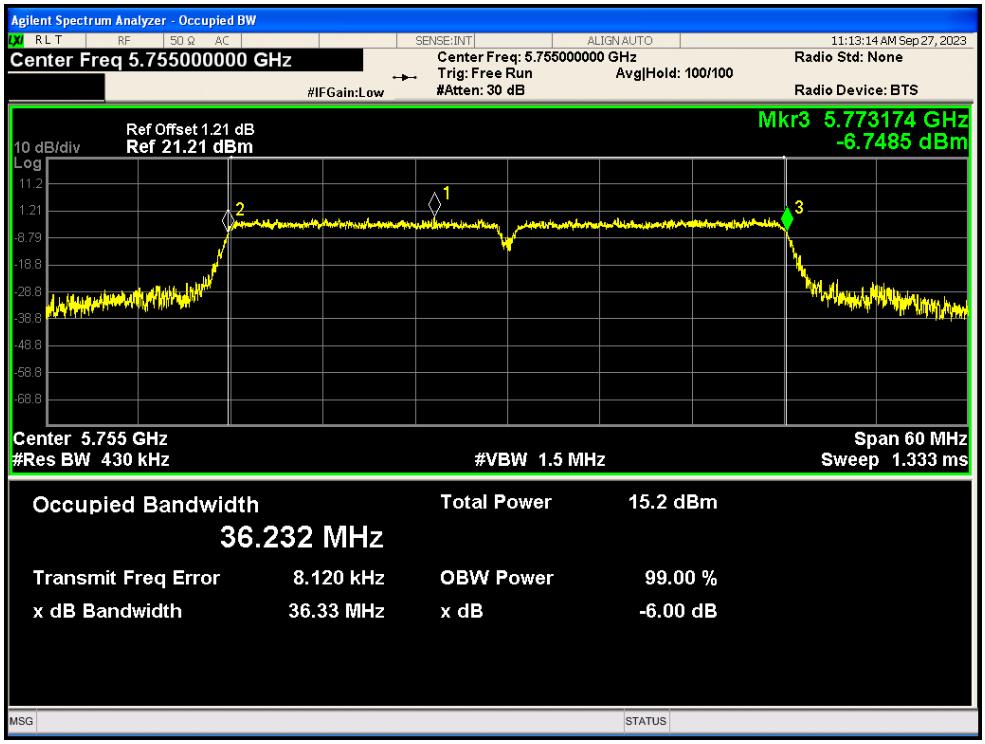
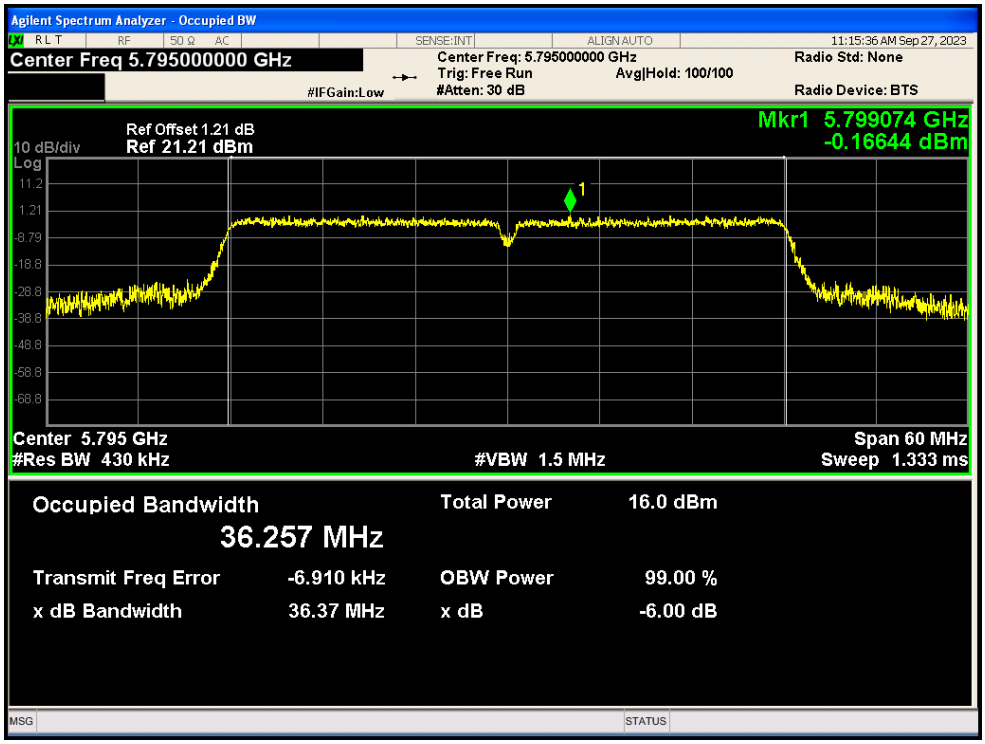
-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2