

RF Test Data

FCC ID:2BC96NB-CMA06

Product : Birdfy Cam BA5A

Model Name : NB-CMA06, NB-CMA06-XXXXXX (XXXXXX can be A-Z, 0-9,a-z or blank, indicate different color)

Brand : Birdfy

Report No. : SZNTT26034896E1-3

Prepared for

NETVUE INC.

1055 East Colorado Boulevard 5th Floor Pasadena, CA, 91106, United States

Prepared by

Shenzhen NTT Testing Technology Co., Ltd.

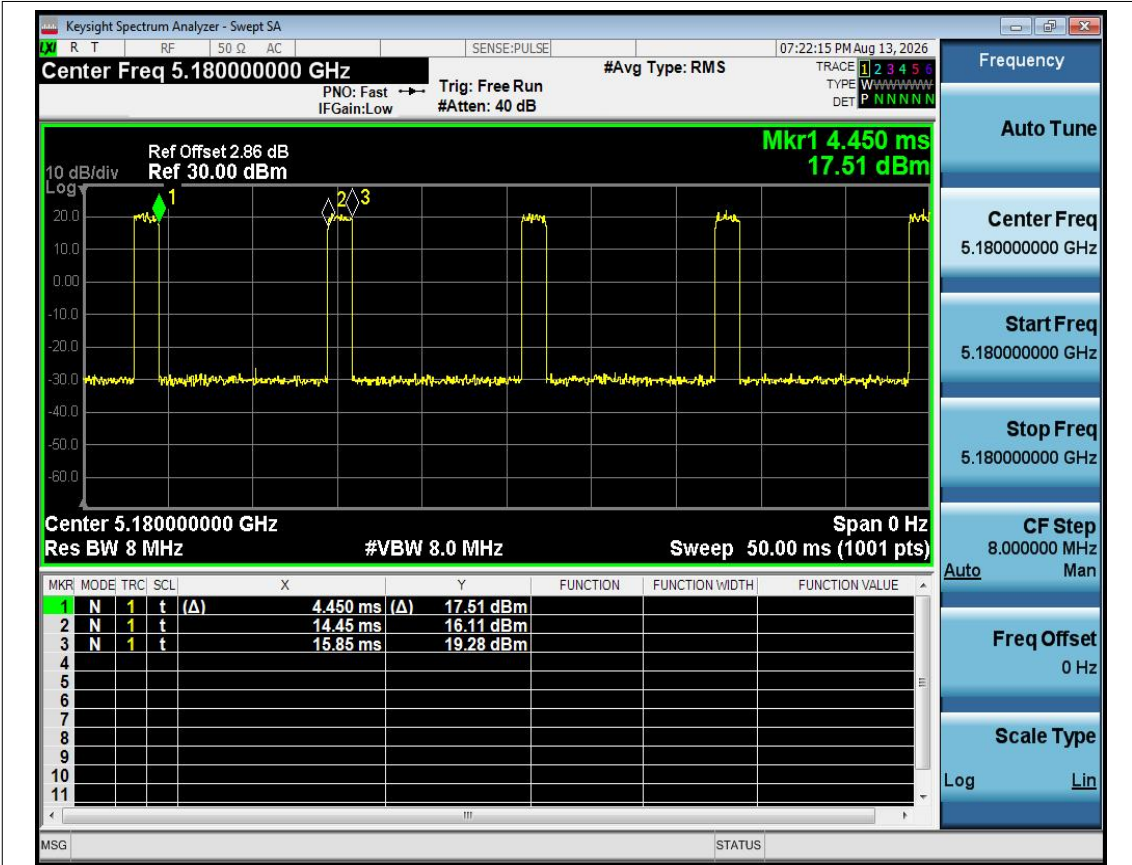
1B, Building 2, Factory Building & 103, Building 3, Factory Building, Dayang Industrial Park No.4, Industrial Avenue, Tangwei Community, Fuhai Sub-district, Bao 'an District, Shenzhen City, China

TEL: 0755-27889935

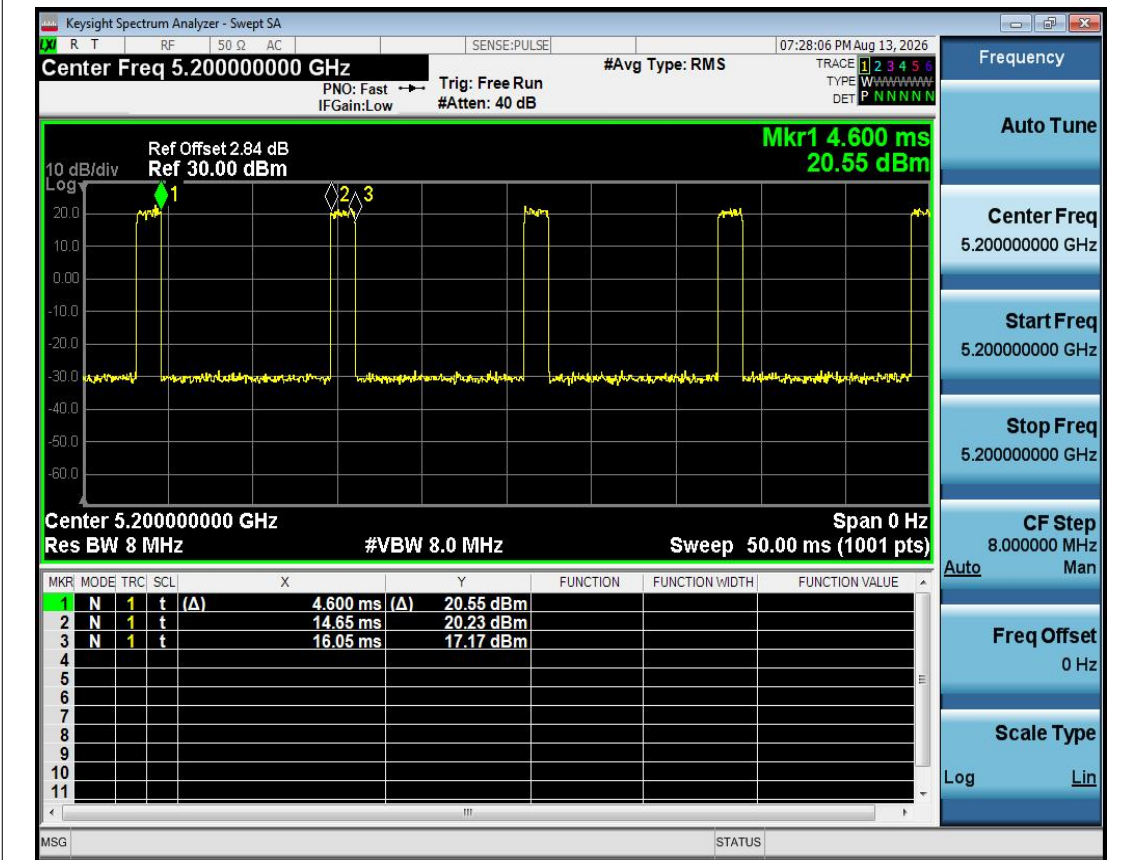
Duty Cycle	3
Maximum Conducted Output Power	13
-26dB Bandwidth	14
Occupied Channel Bandwidth	24
Maximum Power Spectral Density Level	34
Frequency Stability	44

Duty Cycle

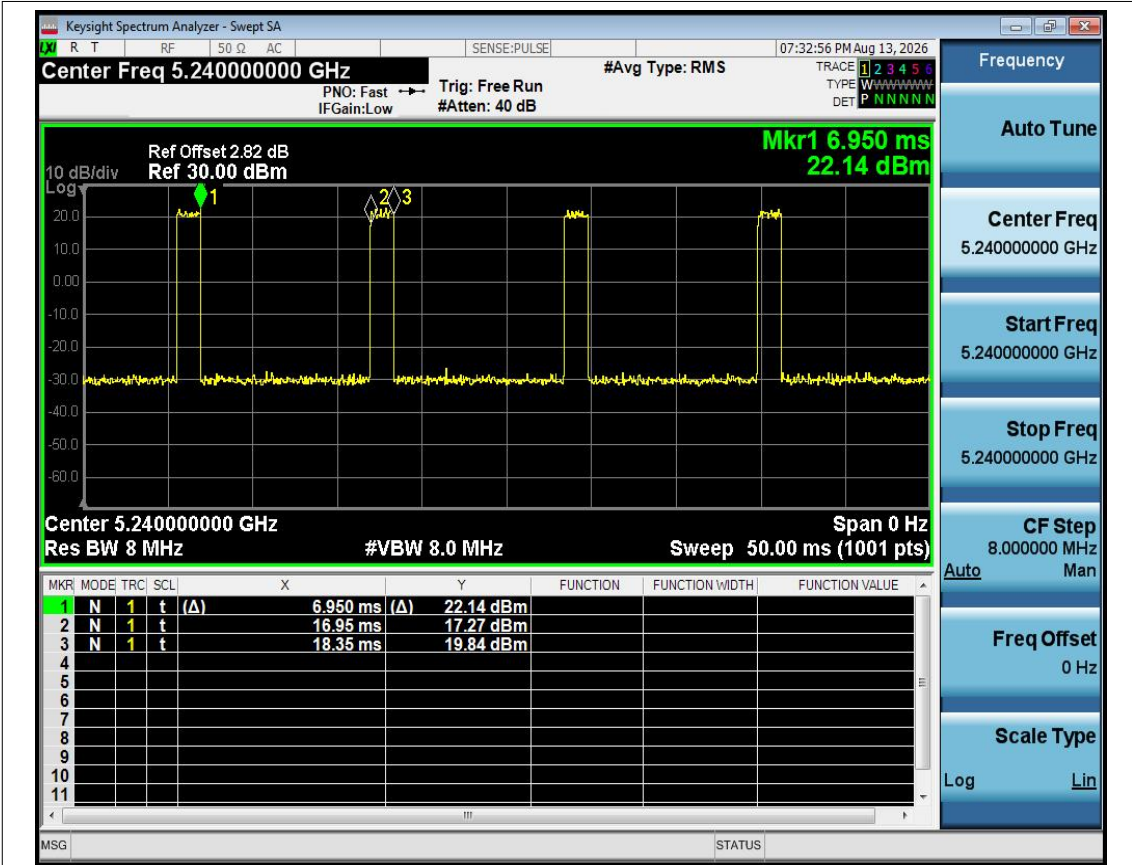
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	12.28	9.11	0.71
NVNT	a	5200	Ant1	12.23	9.13	0.71
NVNT	a	5240	Ant1	12.28	9.11	0.71
NVNT	n20	5180	Ant1	33.44	4.76	0.2
NVNT	n20	5200	Ant1	33.77	4.71	0.2
NVNT	n20	5240	Ant1	33.77	4.71	0.2
NVNT	n40	5190	Ant1	32.78	4.84	0.2
NVNT	n40	5230	Ant1	32.89	4.83	0.2
NVNT	ac20	5180	Ant1	33.66	4.73	0.2
NVNT	ac20	5200	Ant1	33.66	4.73	0.2
NVNT	ac20	5240	Ant1	33.77	4.71	0.2
NVNT	ac40	5190	Ant1	32.67	4.86	0.2
NVNT	ac40	5230	Ant1	32.78	4.84	0.2
NVNT	ax20	5180	Ant1	28.06	5.52	0.26
NVNT	ax20	5200	Ant1	27.7	5.58	0.26
NVNT	ax20	5240	Ant1	28.06	5.52	0.26
NVNT	ax40	5190	Ant1	28.06	5.52	0.26
NVNT	ax40	5230	Ant1	28.06	5.52	0.26



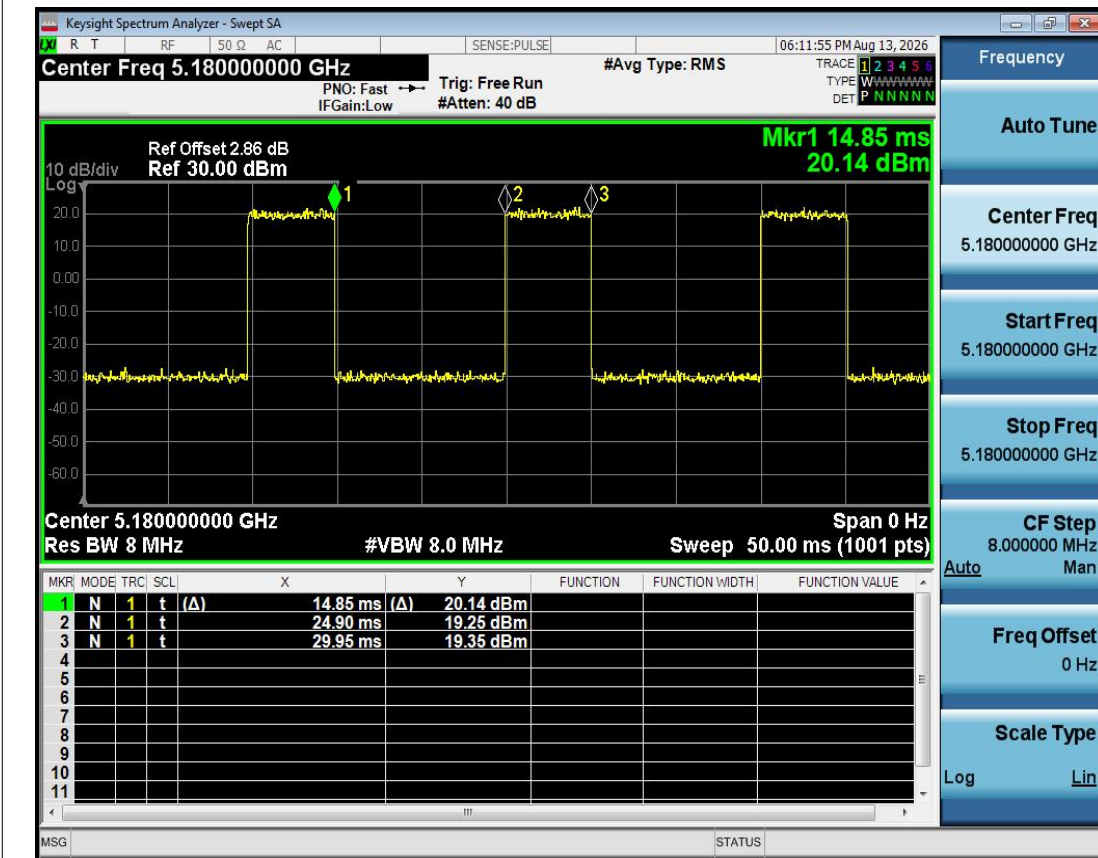
Duty Cycle NVNT a 5180MHz Ant1



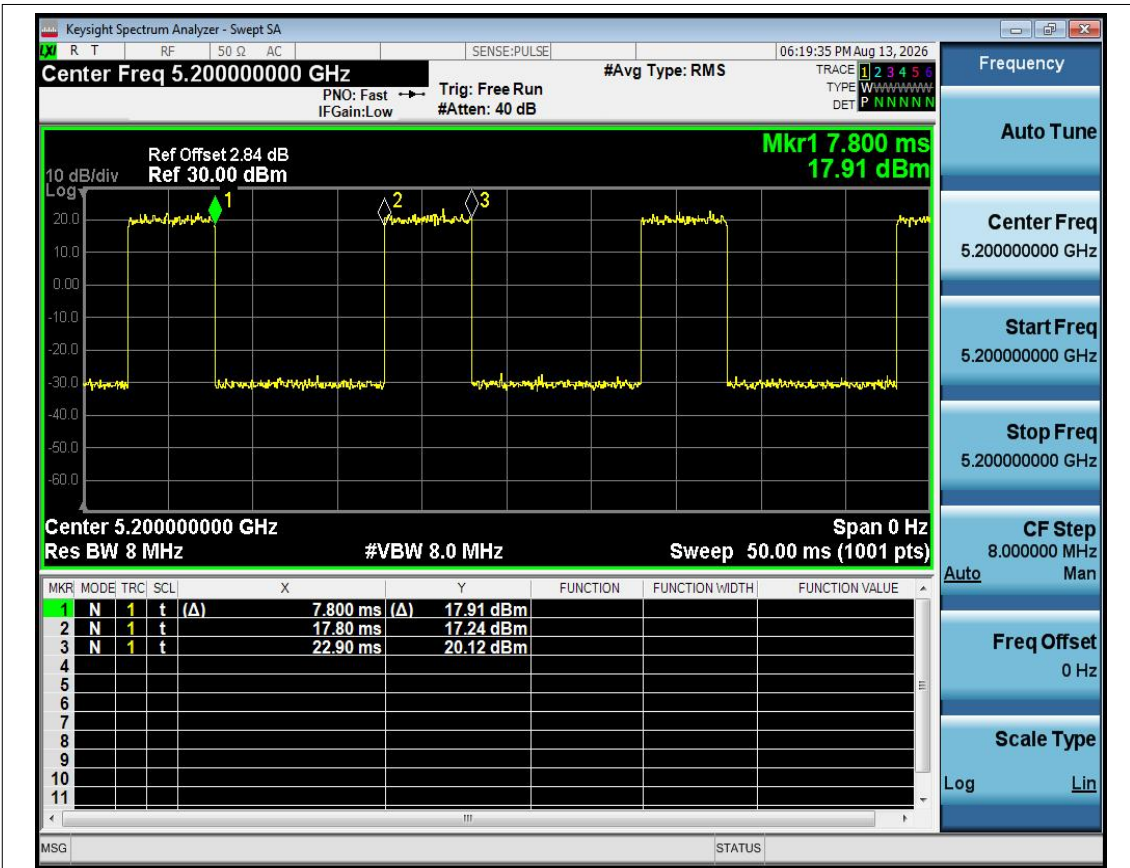
Duty Cycle NVNT a 5200MHz Ant1



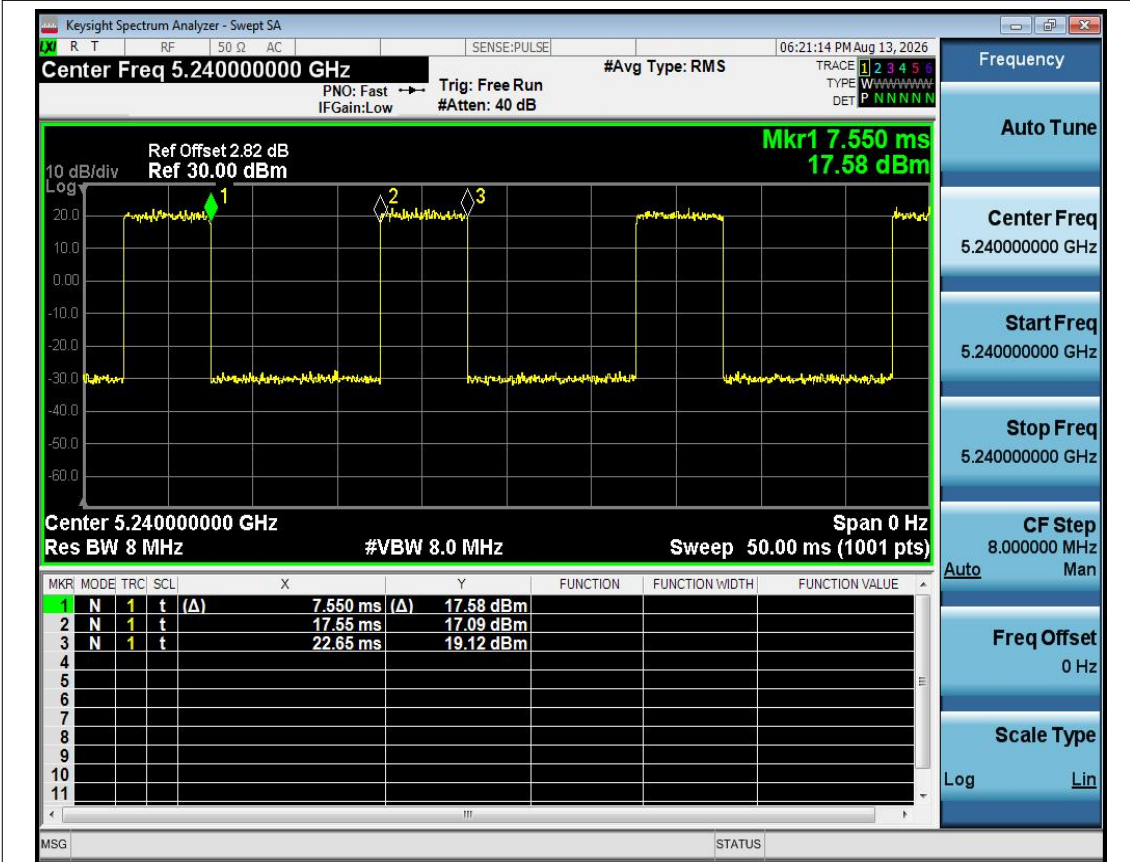
Duty Cycle NVNT a 5240MHz Ant1



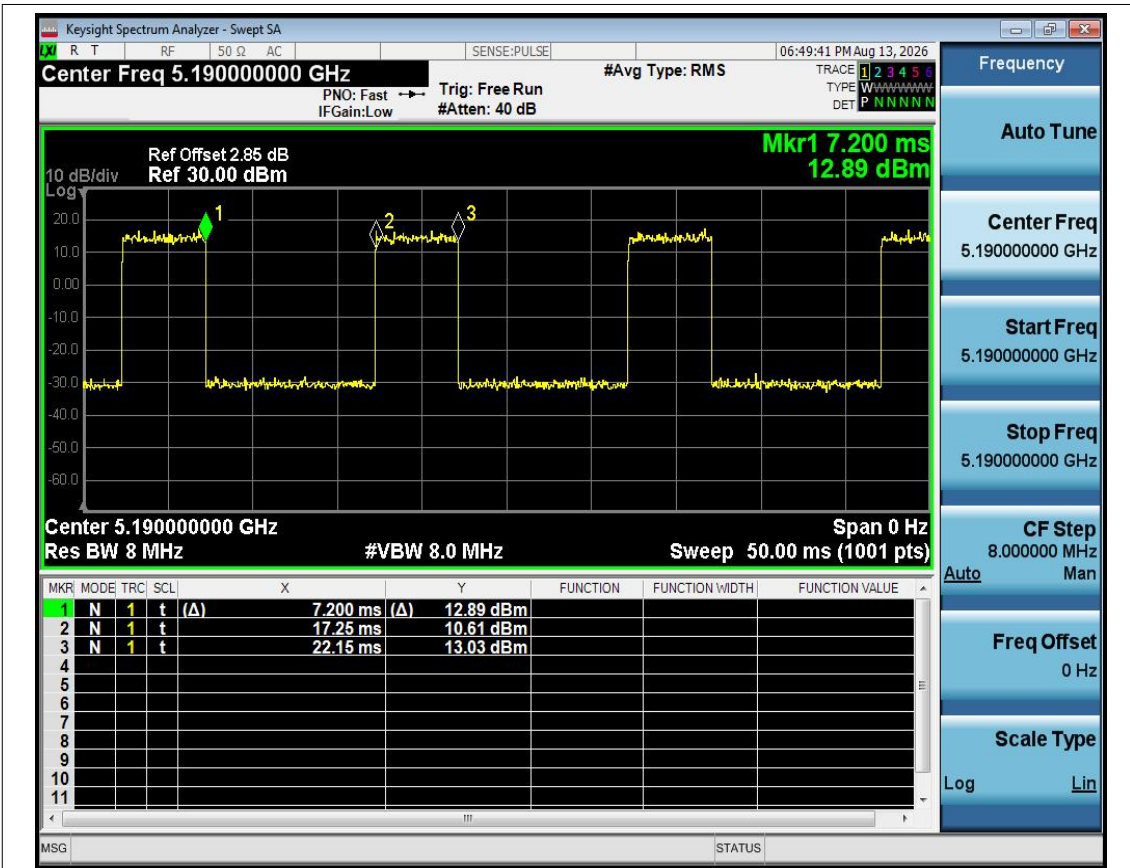
Duty Cycle NVNT n20 5180MHz Ant1



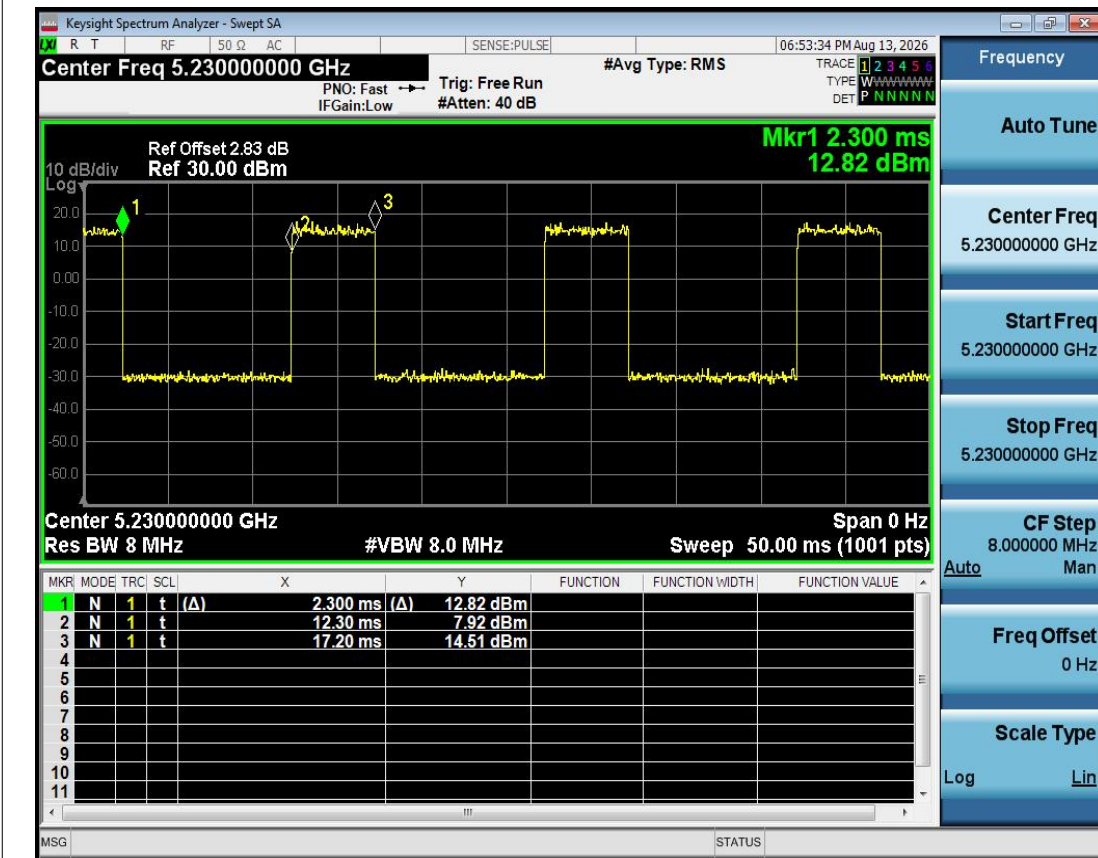
Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



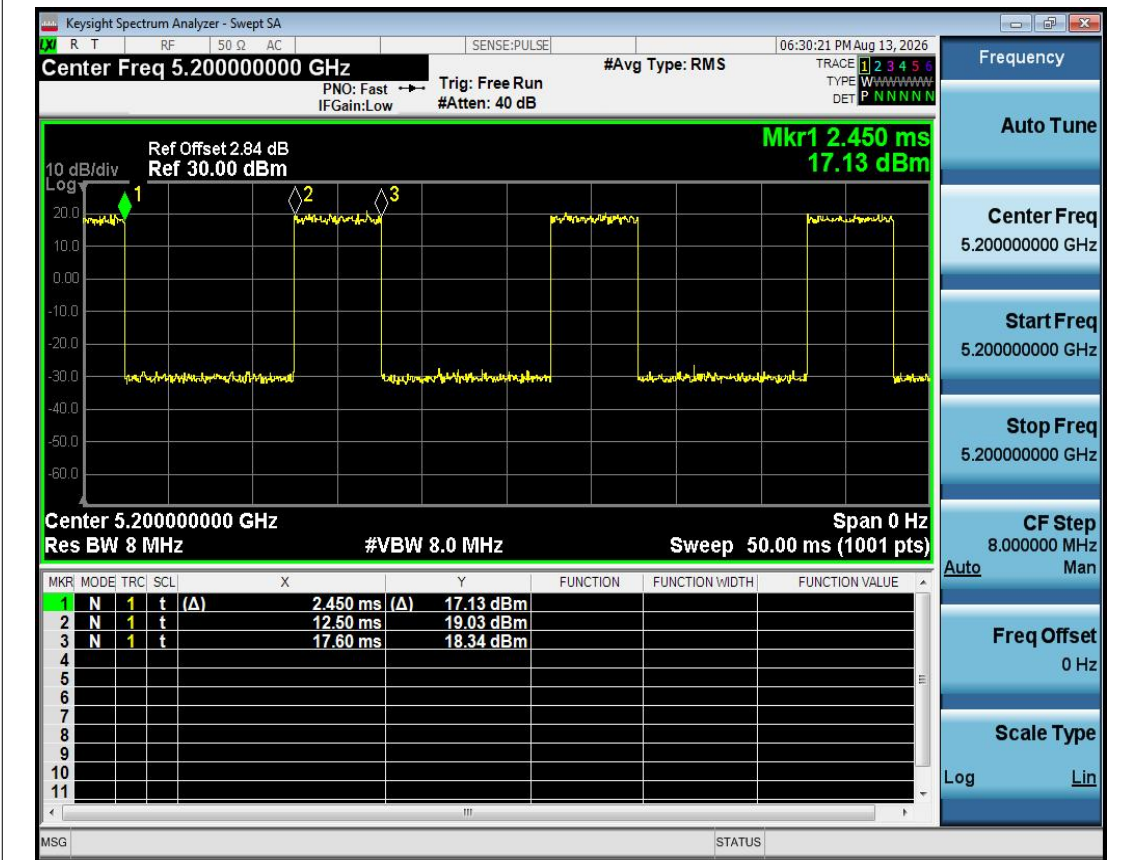
Duty Cycle NVNT n40 5190MHz Ant1



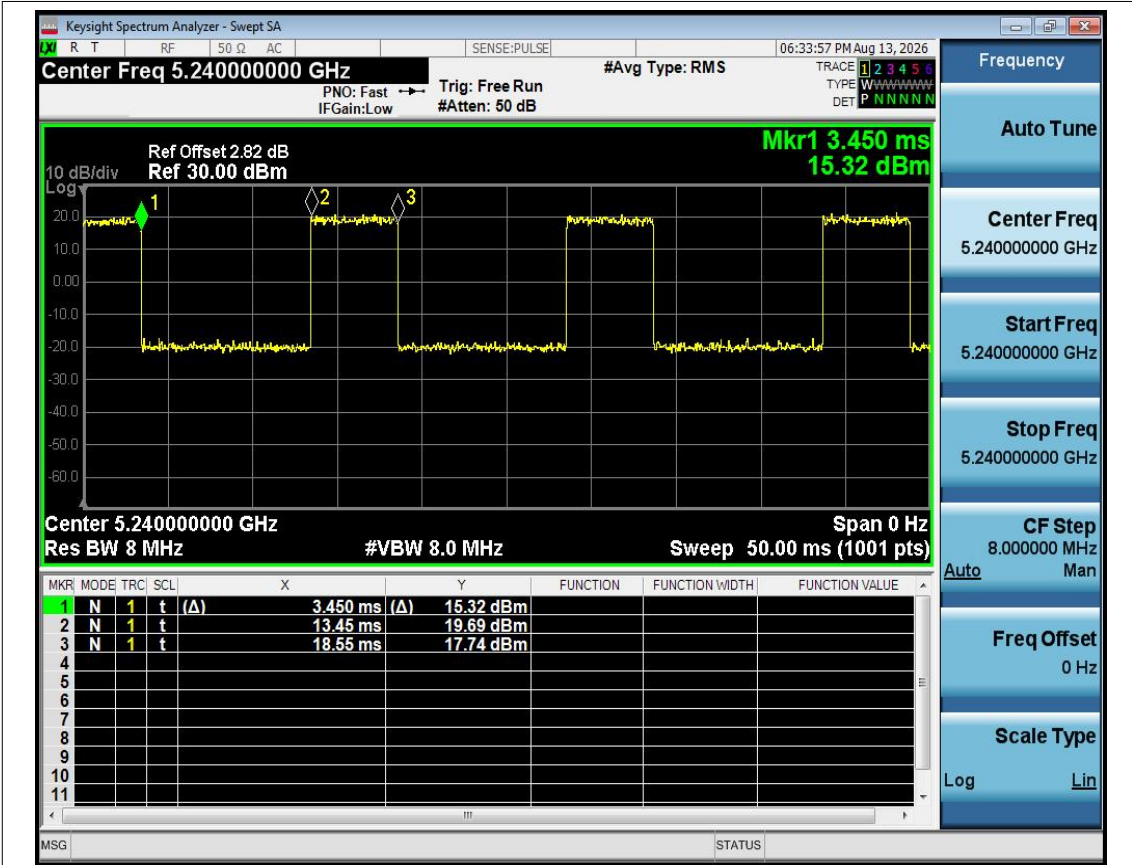
Duty Cycle NVNT n40 5230MHz Ant1



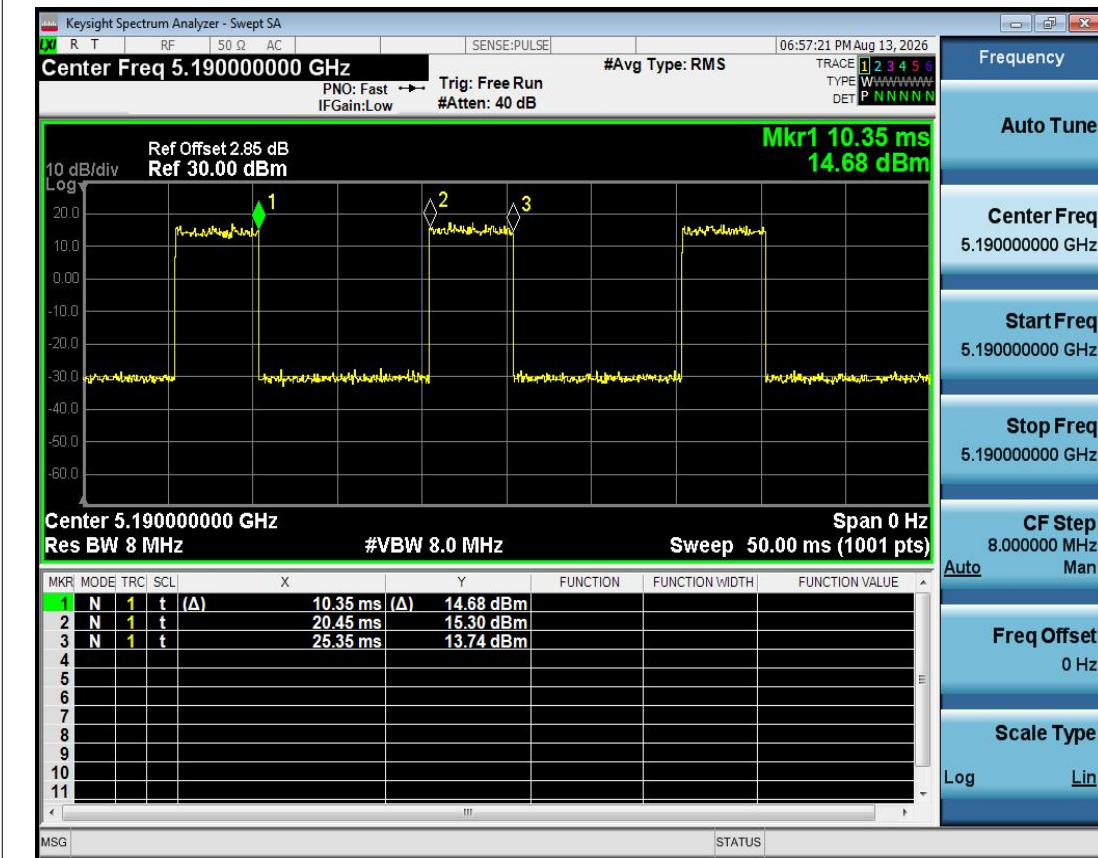
Duty Cycle NVNT ac20 5180MHz Ant1



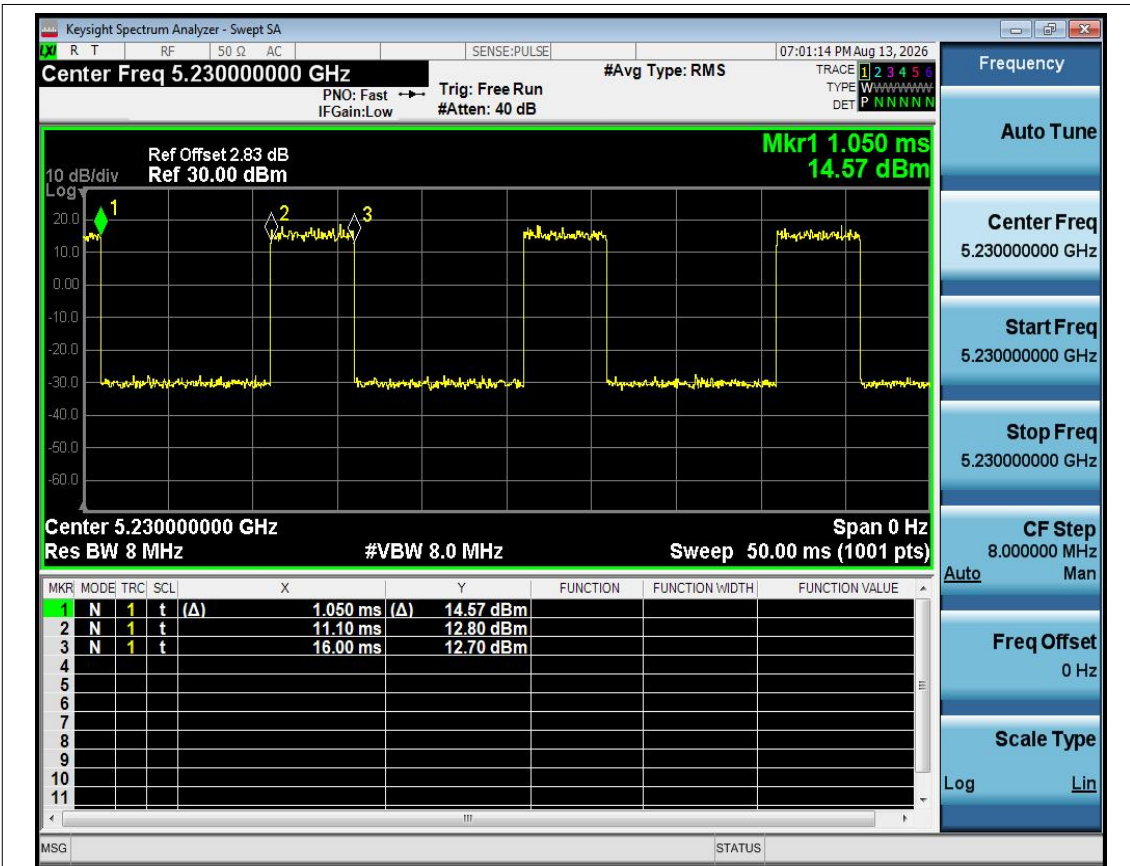
Duty Cycle NVNT ac20 5200MHz Ant1



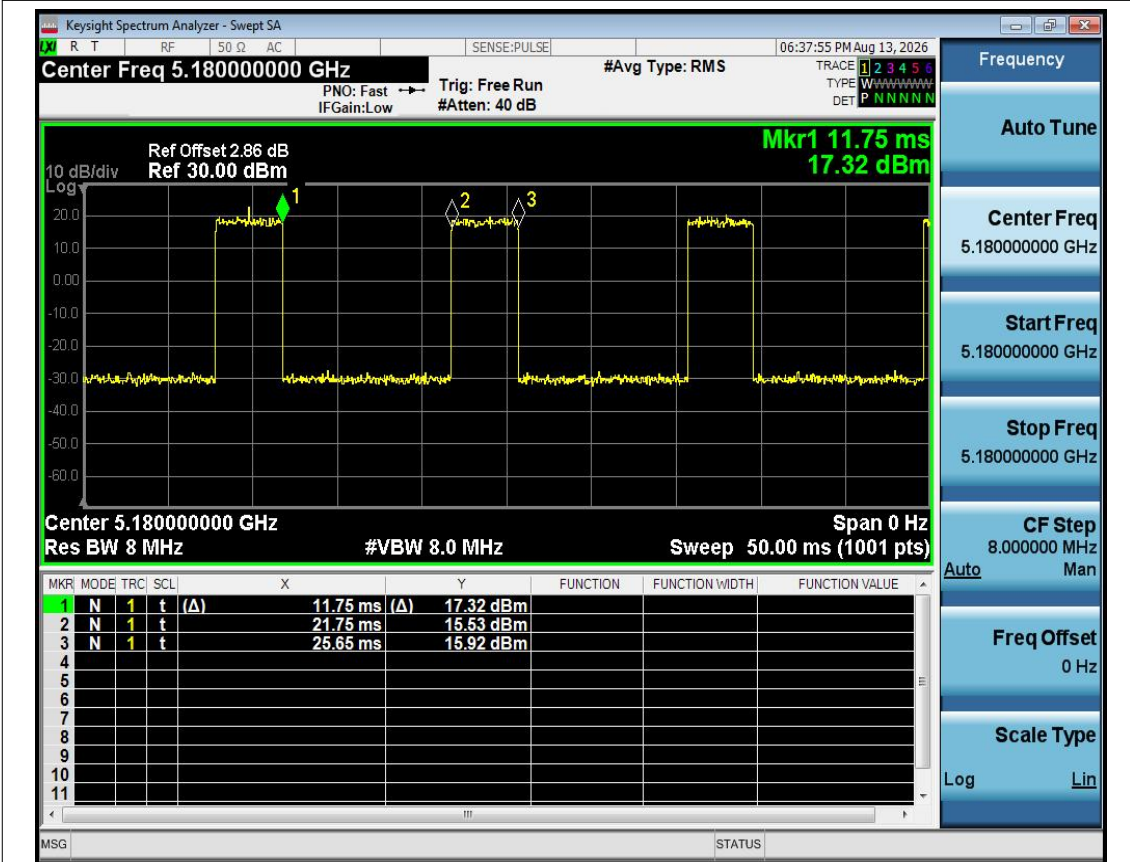
Duty Cycle NVNT ac20 5240MHz Ant1



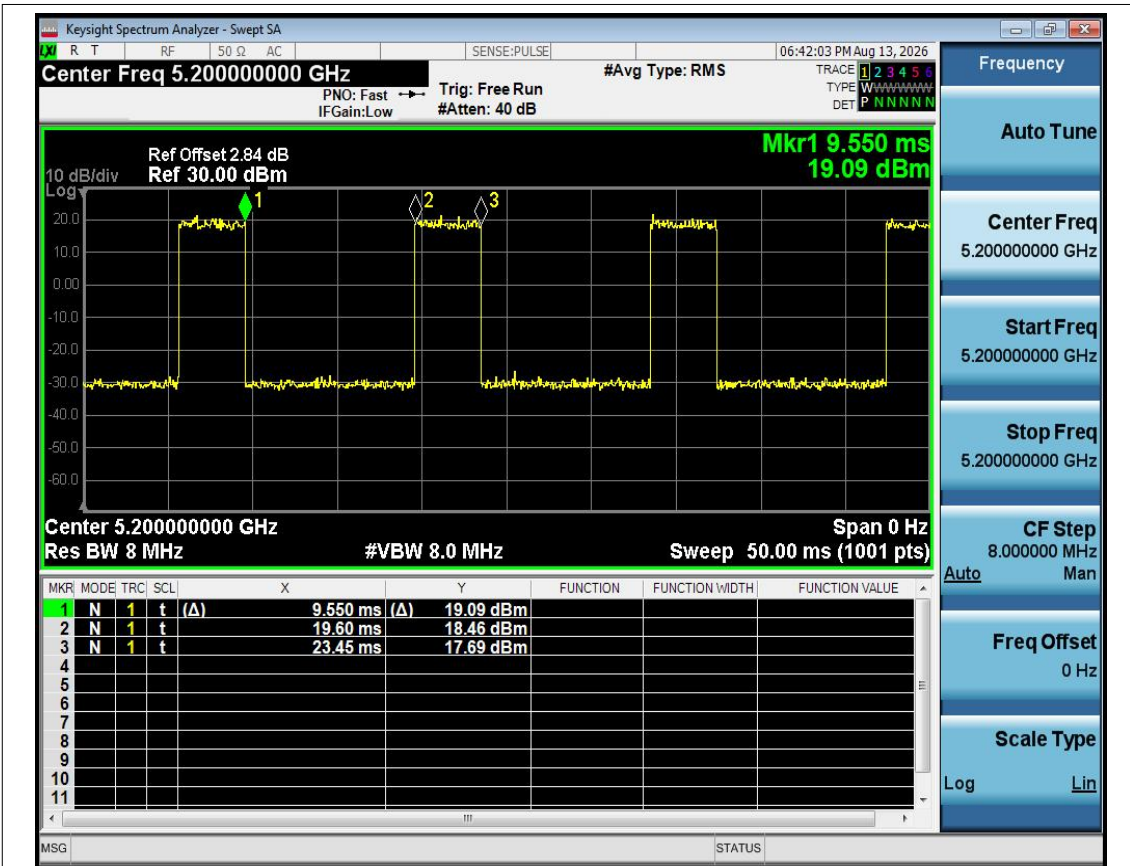
Duty Cycle NVNT ac40 5190MHz Ant1



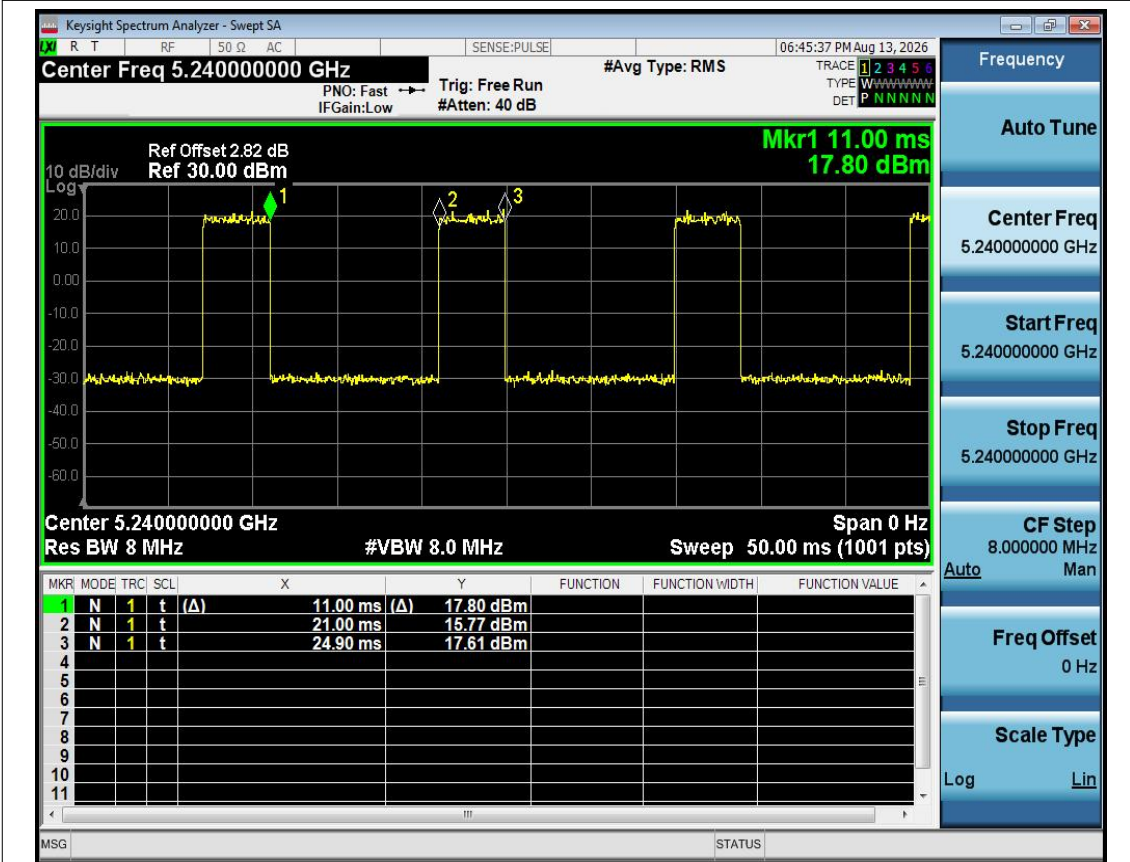
Duty Cycle NVNT ac40 5230MHz Ant1



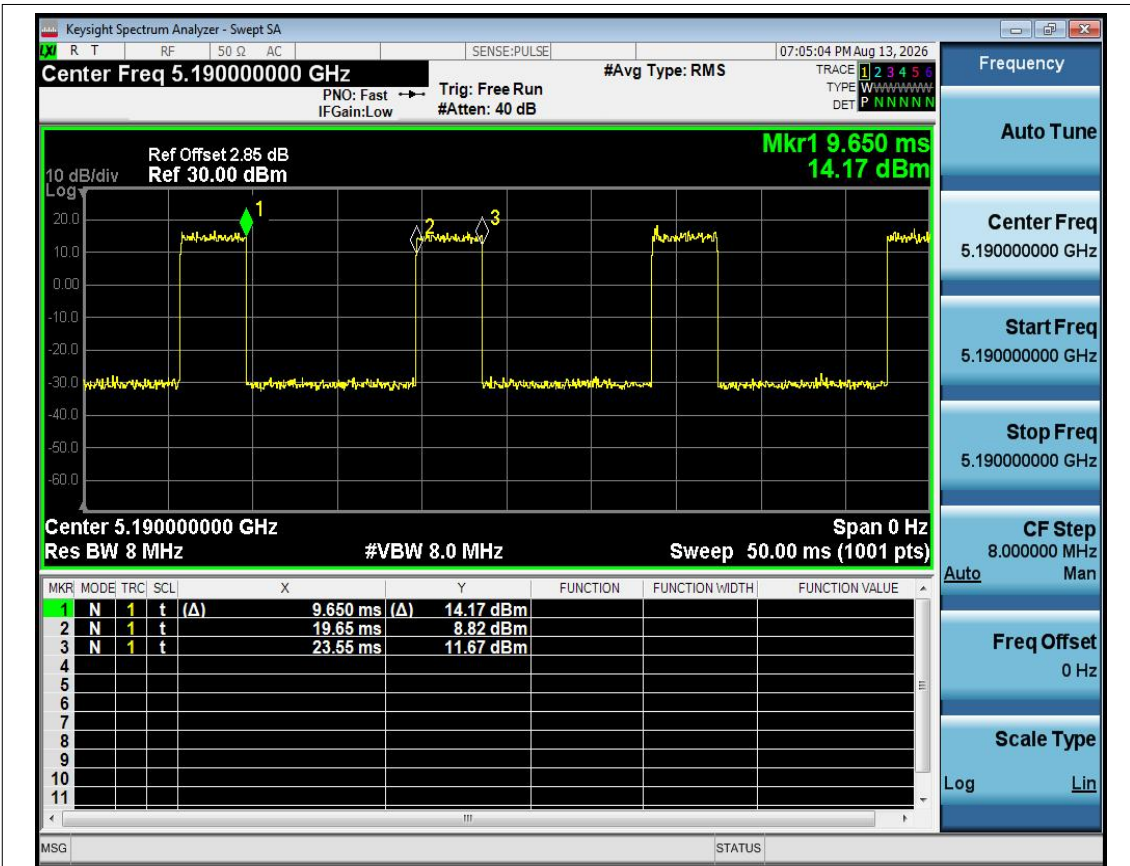
Duty Cycle NVNT ax20 5180MHz Ant1



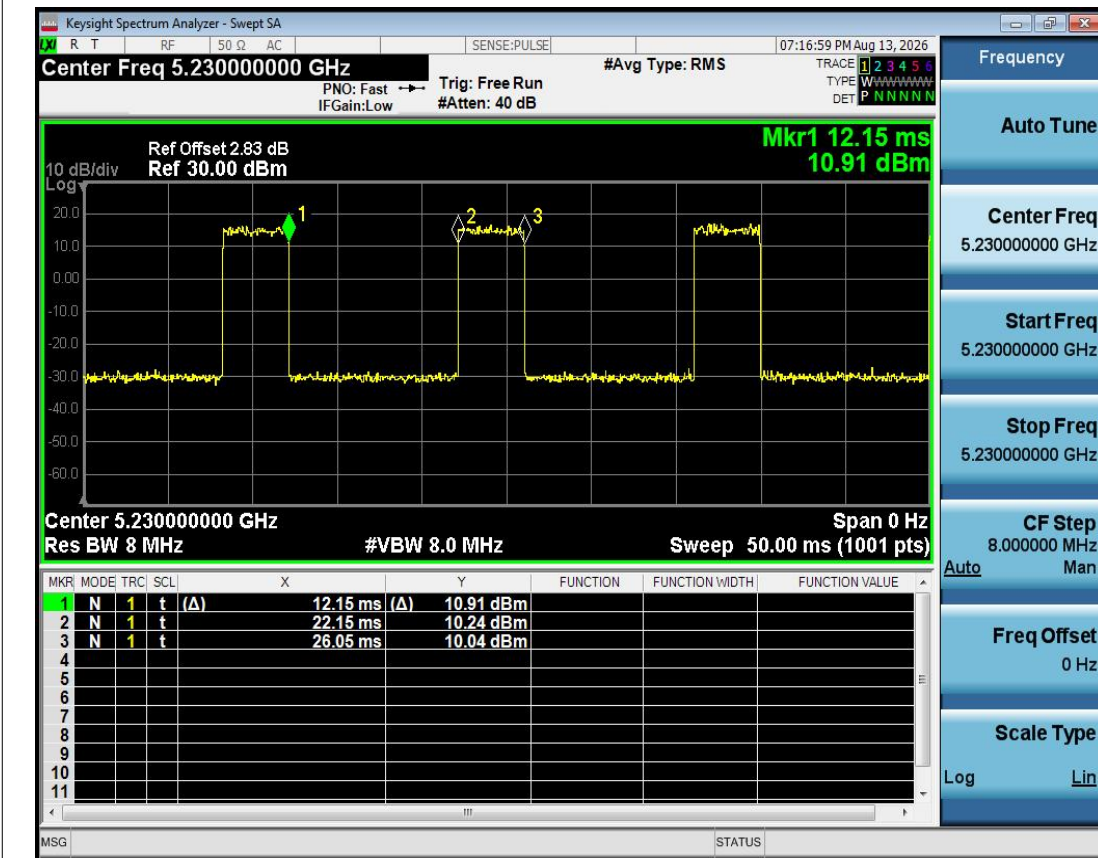
Duty Cycle NVNT ax20 5200MHz Ant1



Duty Cycle NVNT ax20 5240MHz Ant1



Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1

Maximum Conducted Output Power

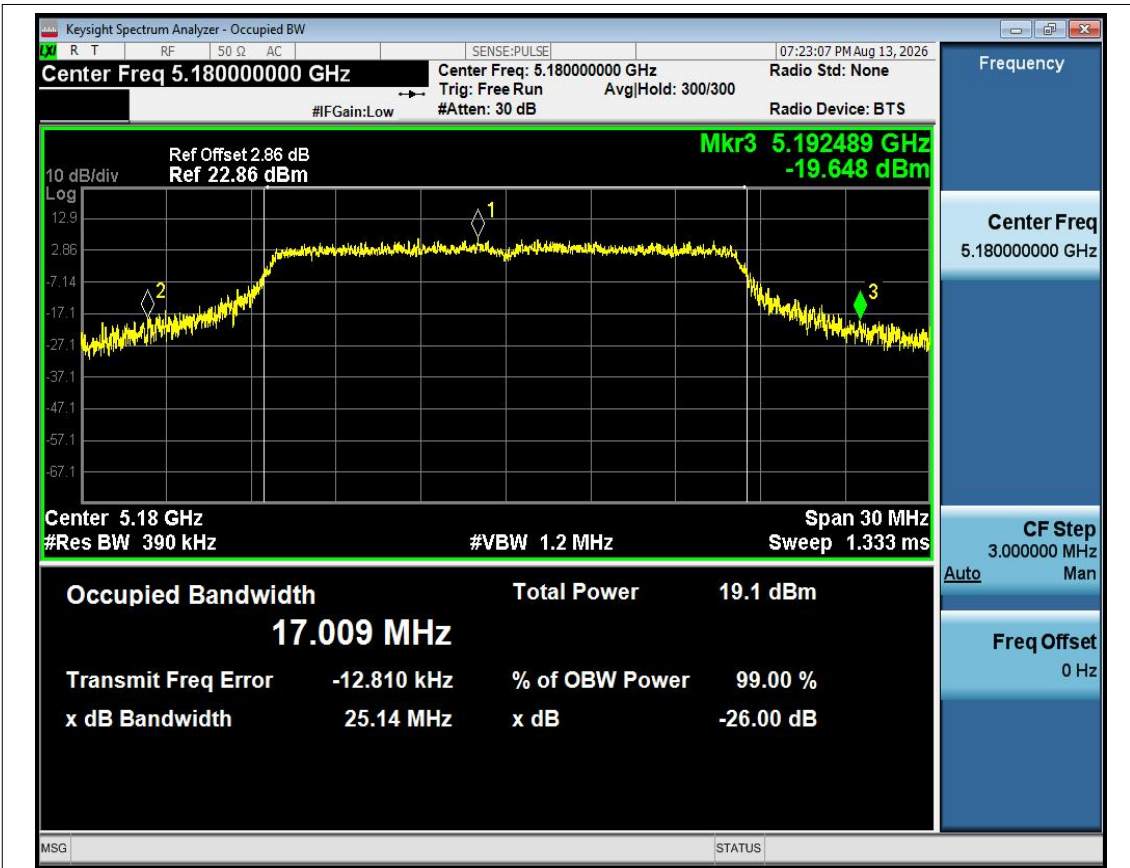
Condi tion	Mod e	Frequen cy (MHz)	Anten na	measur ement value(dBm)	Duty Facto r (dB)	Total Conduct ed Power (dBm)	Total Conduct ed Power (W)	Limit Conducted(d Bm)	Verdi ct
NVNT	a	5180	Ant1	5.33	9.11	14.44	0.0278	24	Pass
NVNT	a	5200	Ant1	4.78	9.13	13.91	0.0246	24	Pass
NVNT	a	5240	Ant1	5.64	9.11	14.75	0.02985	24	Pass
NVNT	n20	5180	Ant1	8.98	4.76	13.74	0.02366	24	Pass
NVNT	n20	5200	Ant1	9.89	4.71	14.6	0.02884	24	Pass
NVNT	n20	5240	Ant1	10.61	4.71	15.32	0.03404	24	Pass
NVNT	n40	5190	Ant1	7.6	4.84	12.44	0.01754	24	Pass
NVNT	n40	5230	Ant1	8.14	4.83	12.97	0.01982	24	Pass
NVNT	ac20	5180	Ant1	8.18	4.73	12.91	0.01954	24	Pass
NVNT	ac20	5200	Ant1	9.23	4.73	13.96	0.02489	24	Pass
NVNT	ac20	5240	Ant1	9.18	4.71	13.89	0.02449	24	Pass
NVNT	ac40	5190	Ant1	7.65	4.86	12.51	0.01782	24	Pass
NVNT	ac40	5230	Ant1	8.09	4.84	12.93	0.01963	24	Pass
NVNT	ax20	5180	Ant1	7.96	5.52	13.48	0.02228	24	Pass
NVNT	ax20	5200	Ant1	8.14	5.58	13.72	0.02355	24	Pass
NVNT	ax20	5240	Ant1	8.24	5.52	13.76	0.02377	24	Pass
NVNT	ax40	5190	Ant1	6.47	5.52	11.99	0.01581	24	Pass
NVNT	ax40	5230	Ant1	7.15	5.52	12.67	0.01849	24	Pass

Conducted Power(dBm)=Correction Factor (dB)+measured value

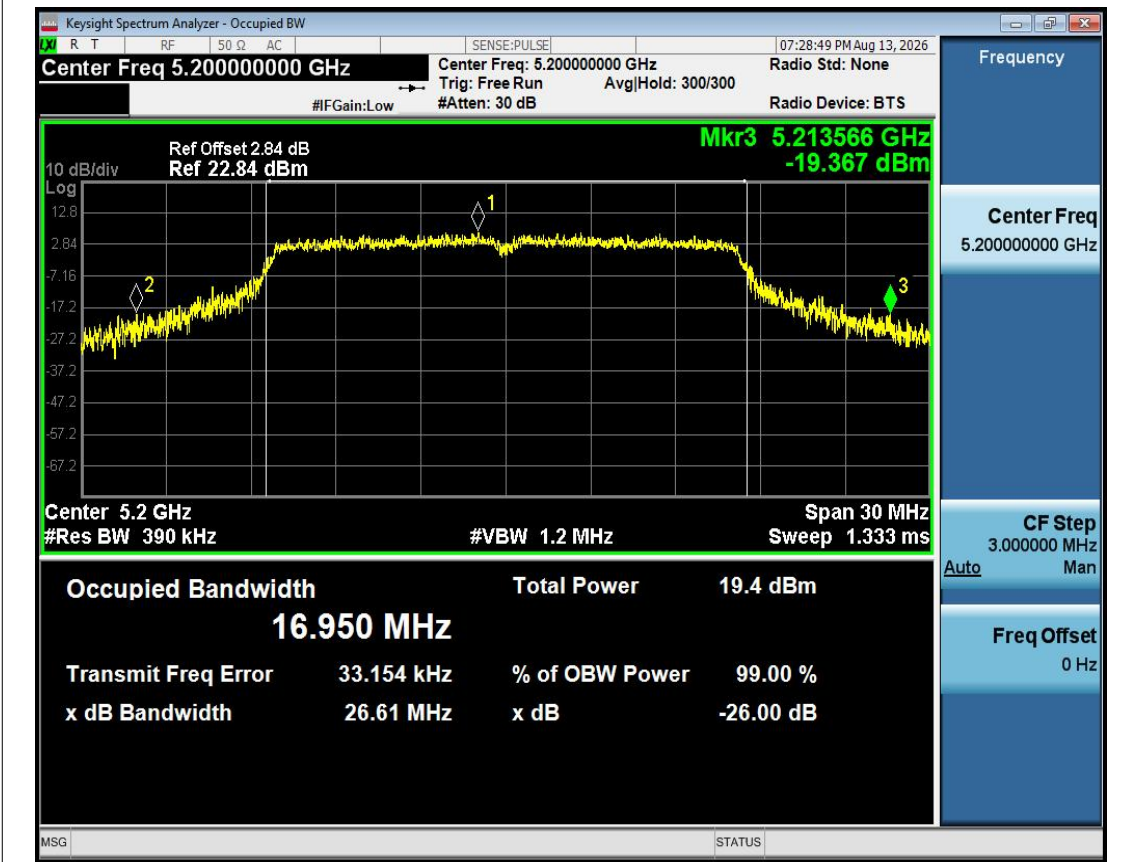
Correction Factor (dB)=10log (1/D); D is duty cycle

-26dB Bandwidth

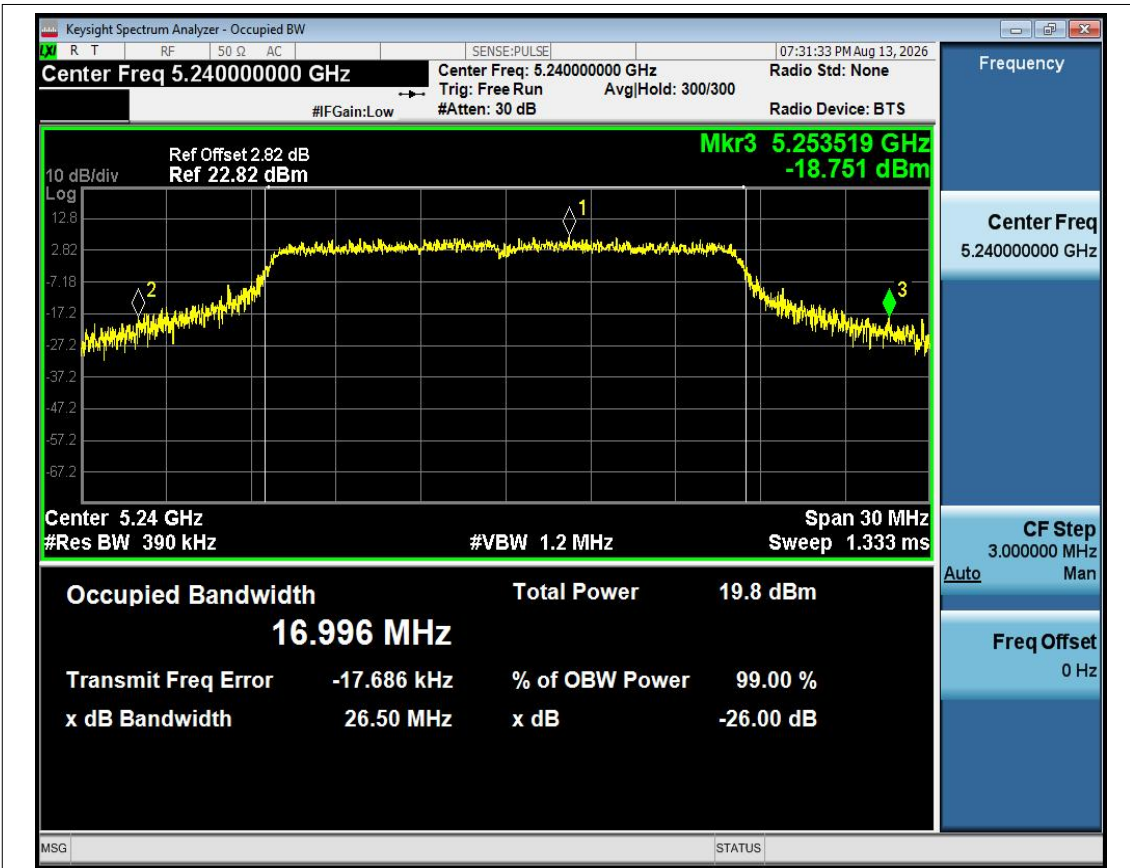
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	25.14
NVNT	a	5200	Ant1	26.61
NVNT	a	5240	Ant1	26.5
NVNT	n20	5180	Ant1	27.83
NVNT	n20	5200	Ant1	28.96
NVNT	n20	5240	Ant1	28.95
NVNT	n40	5190	Ant1	52.64
NVNT	n40	5230	Ant1	52.86
NVNT	ac20	5180	Ant1	27.72
NVNT	ac20	5200	Ant1	27.46
NVNT	ac20	5240	Ant1	27.29
NVNT	ac40	5190	Ant1	47.66
NVNT	ac40	5230	Ant1	47.34
NVNT	ax20	5180	Ant1	27.42
NVNT	ax20	5200	Ant1	26.24
NVNT	ax20	5240	Ant1	26.51
NVNT	ax40	5190	Ant1	47.86
NVNT	ax40	5230	Ant1	45.28



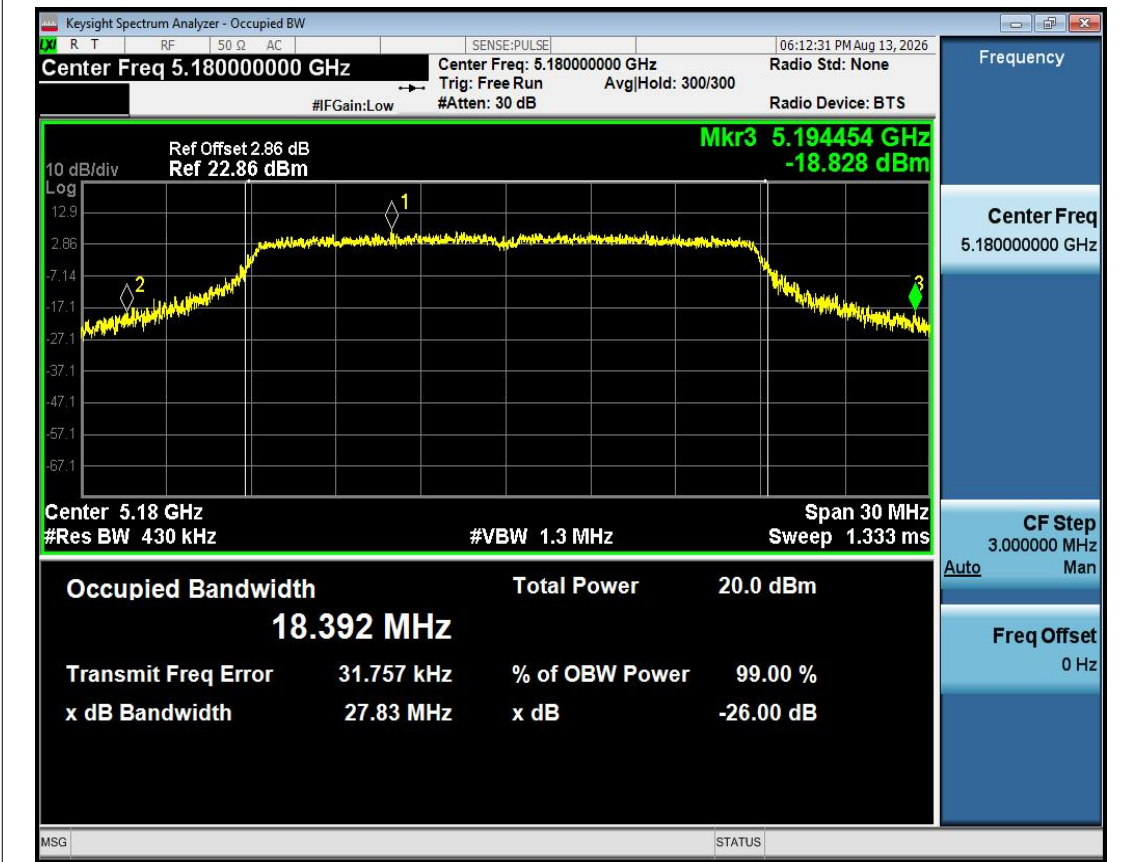
-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



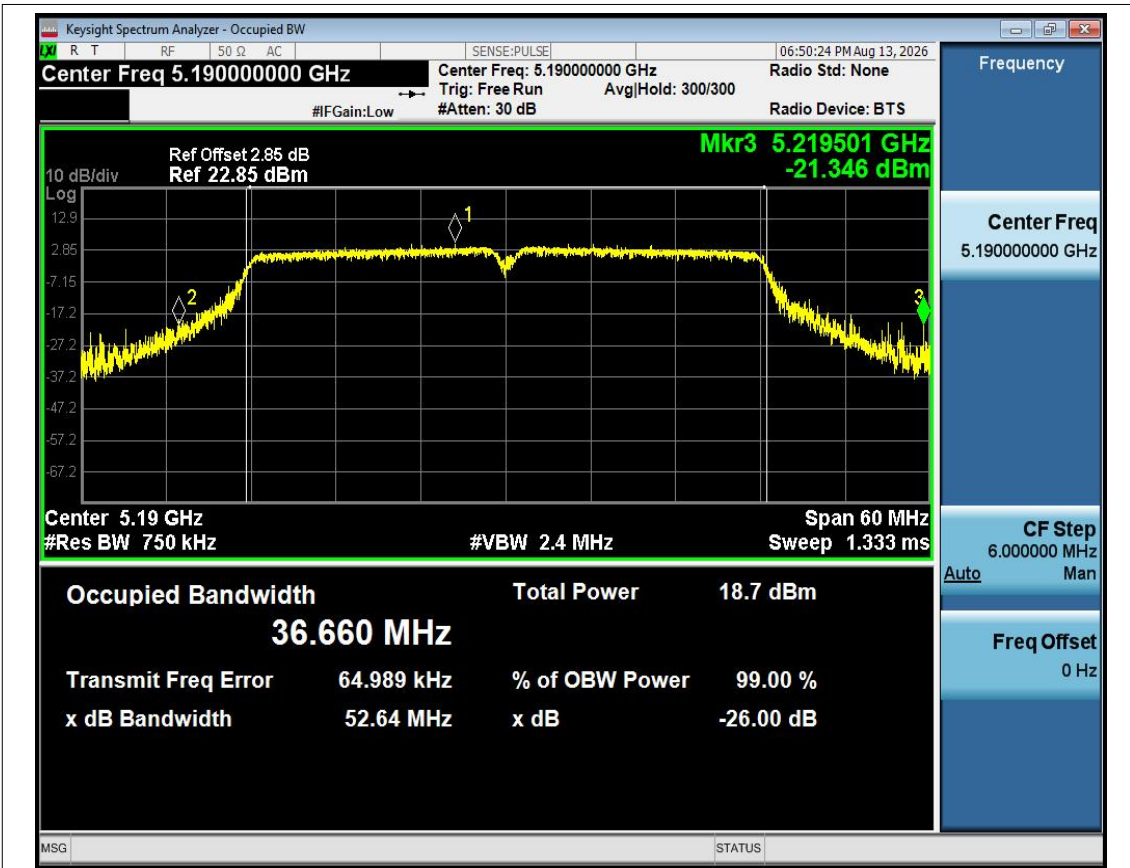
-26dB Bandwidth NVNT n20 5180MHz Ant1



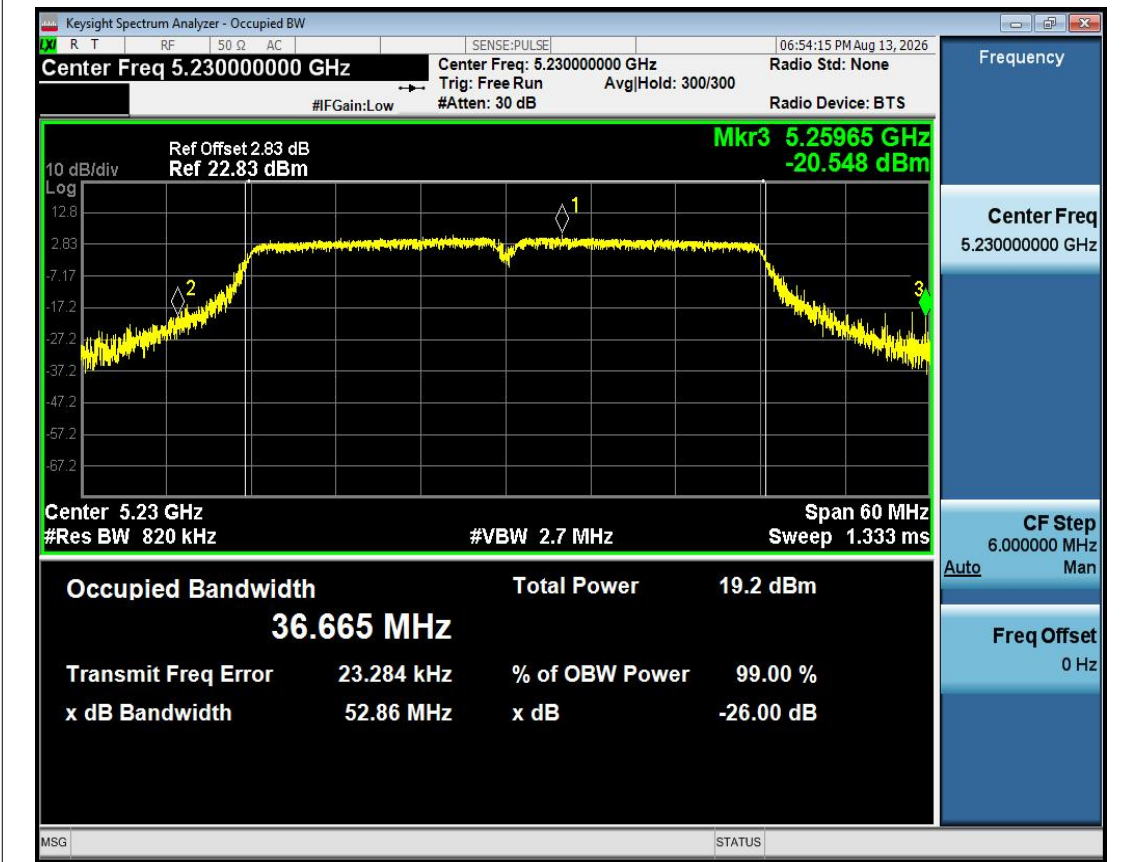
-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant1



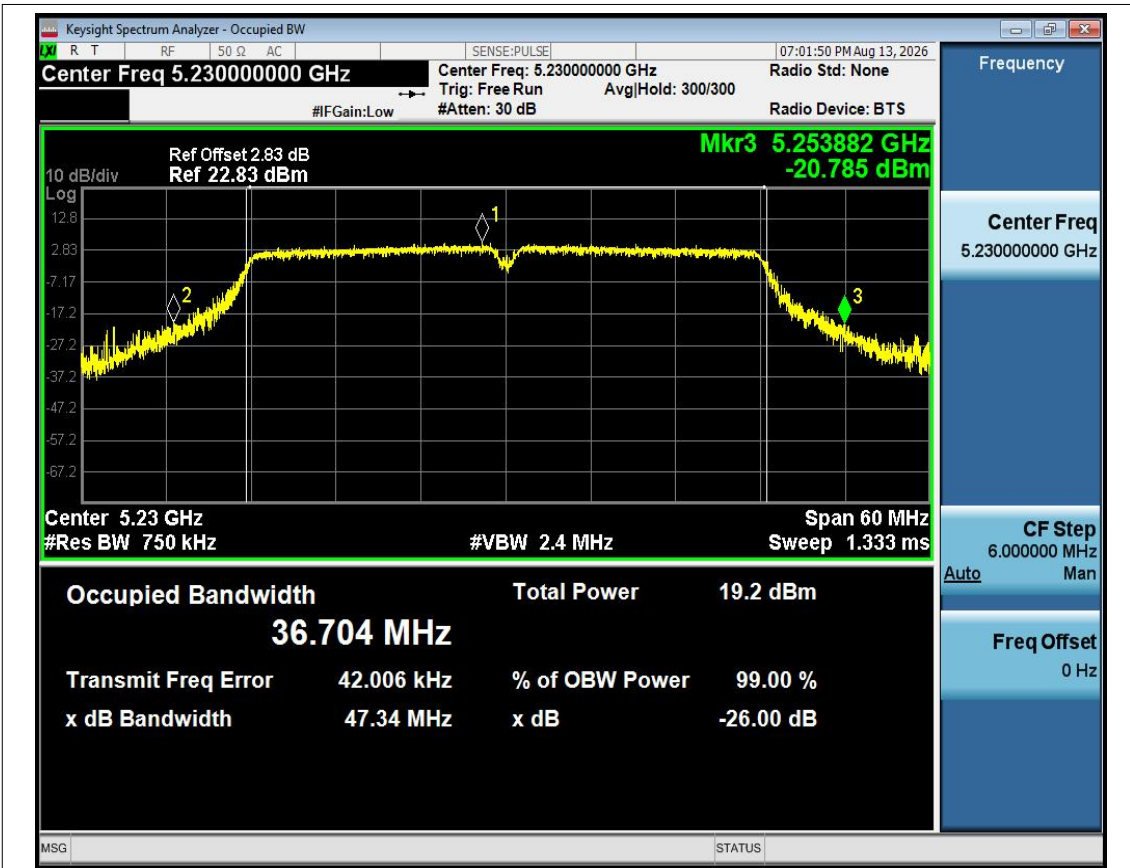
-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



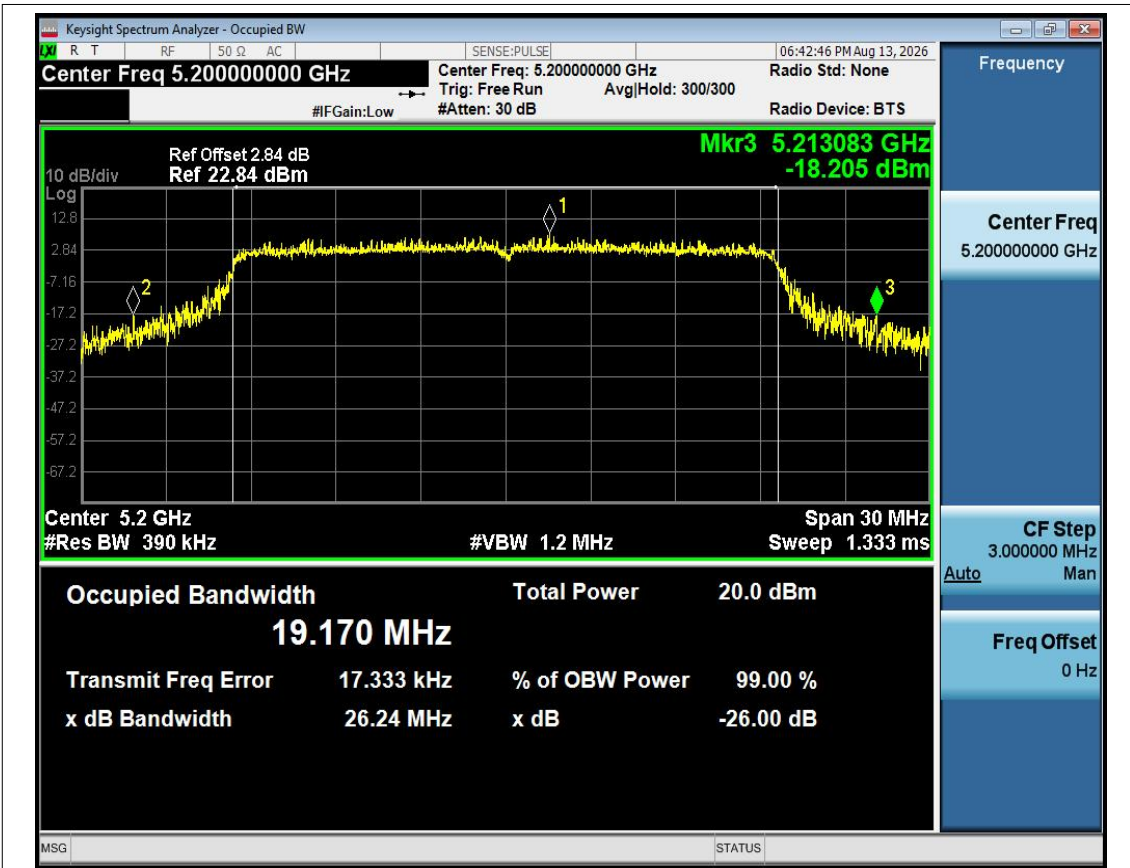
-26dB Bandwidth NVNT ac40 5190MHz Ant1



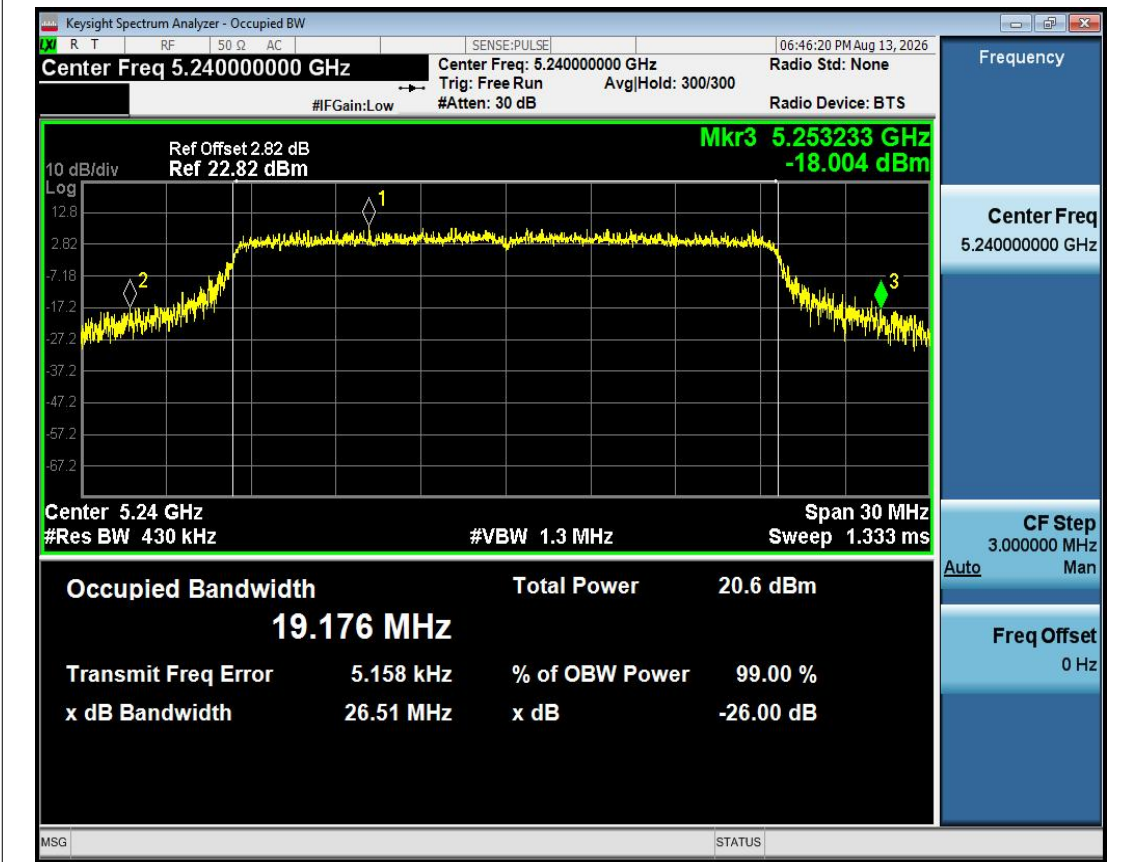
-26dB Bandwidth NVNT ac40 5230MHz Ant1



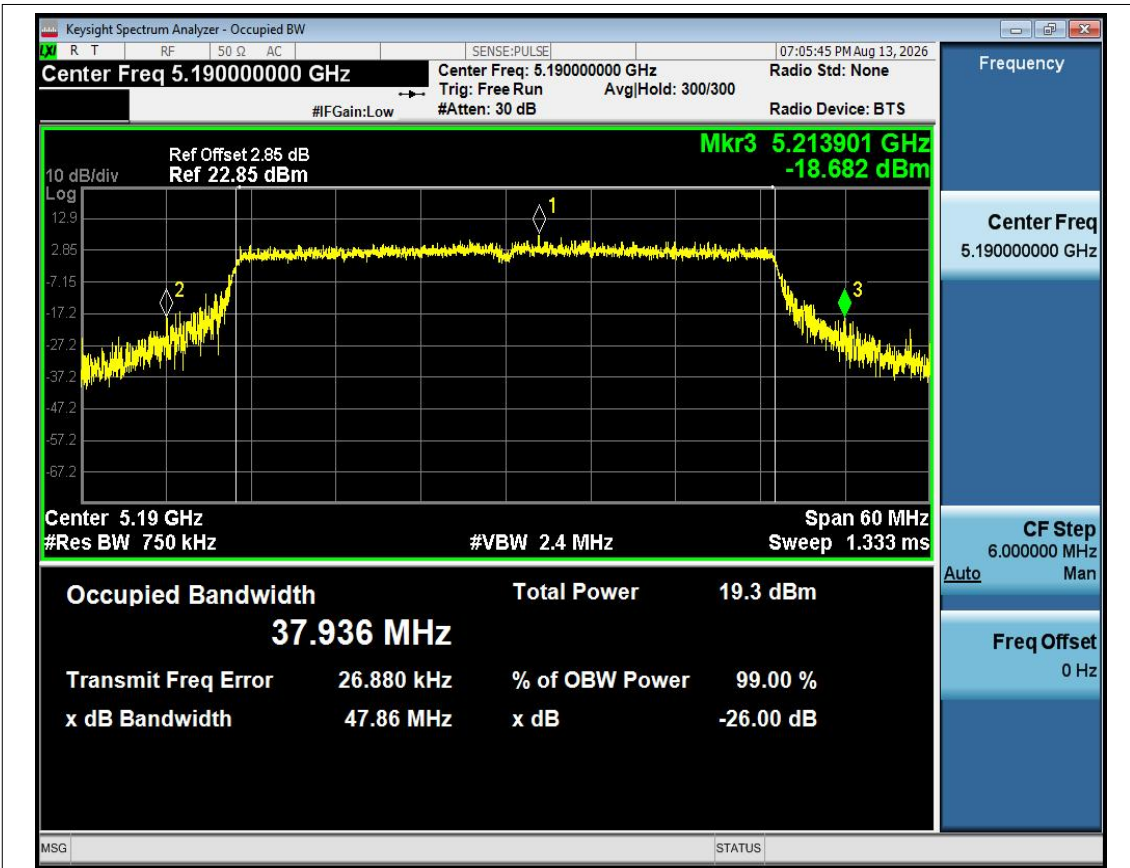
-26dB Bandwidth NVNT ax20 5180MHz Ant1



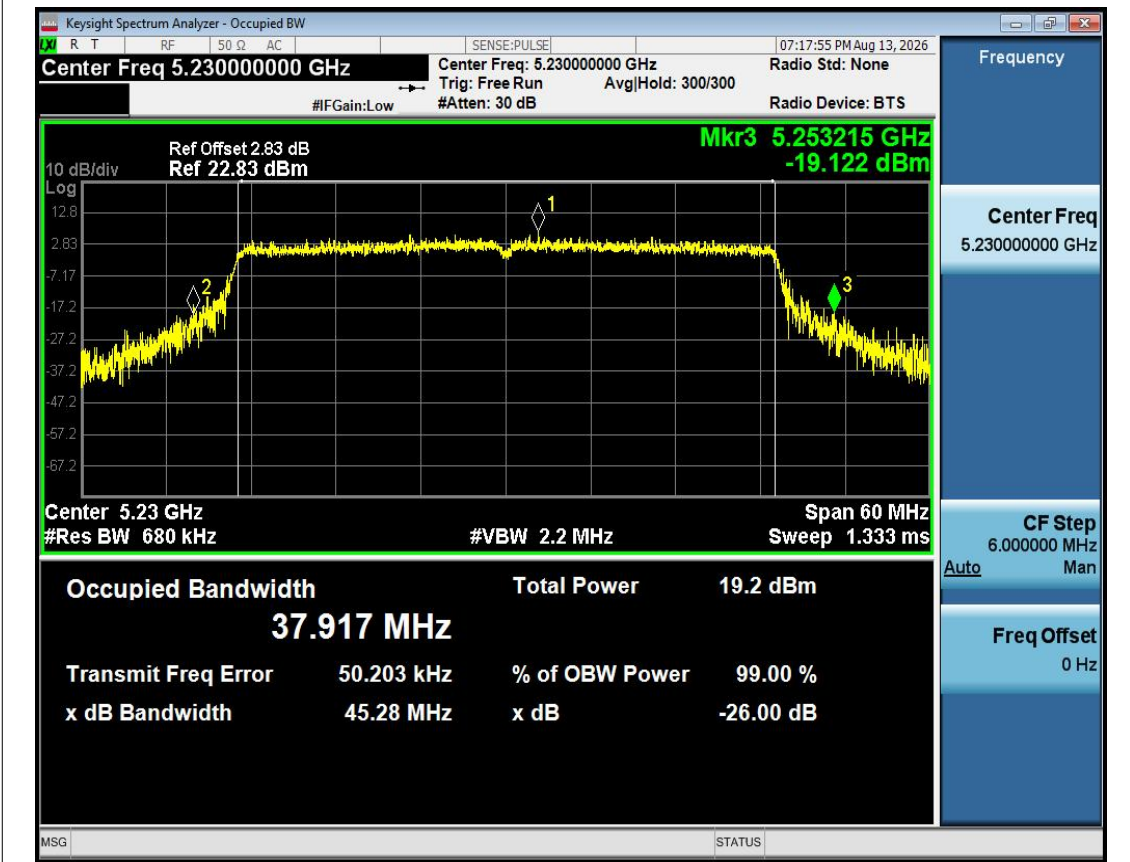
-26dB Bandwidth NVNT ax20 5200MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant1



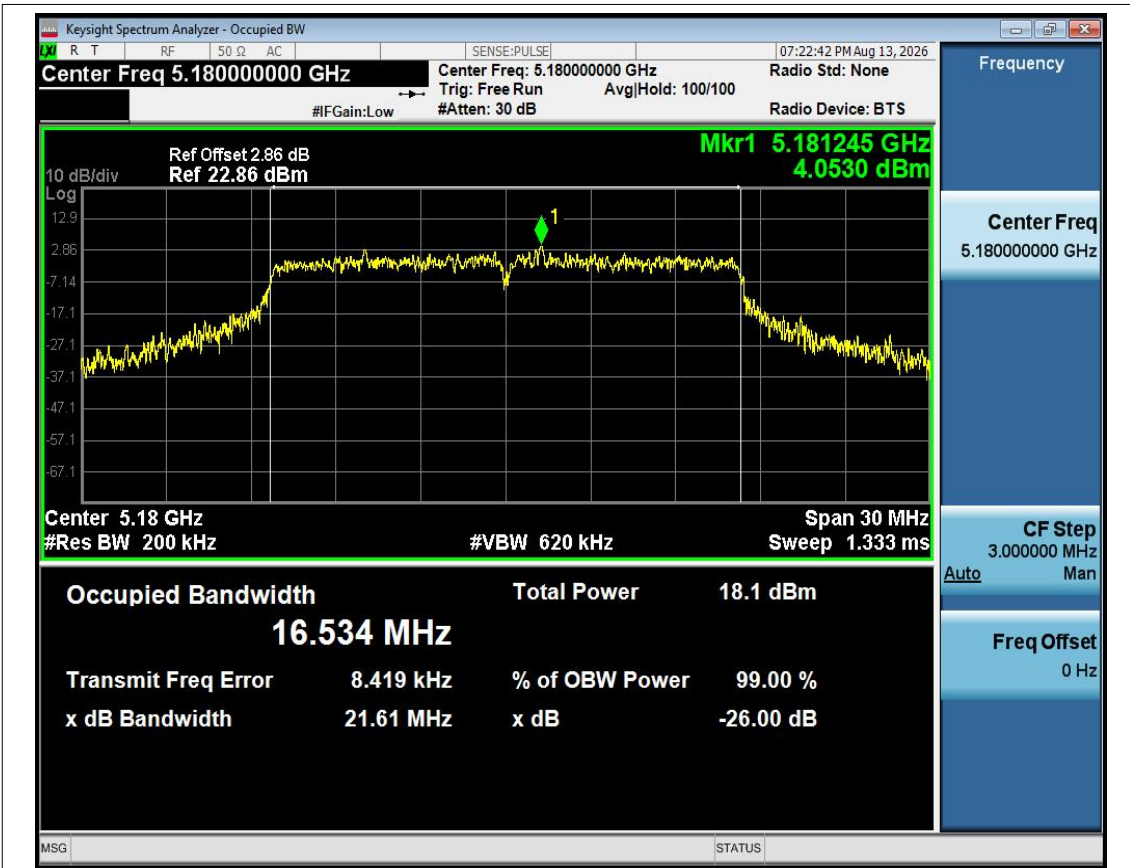
-26dB Bandwidth NVNT ax40 5190MHz Ant1



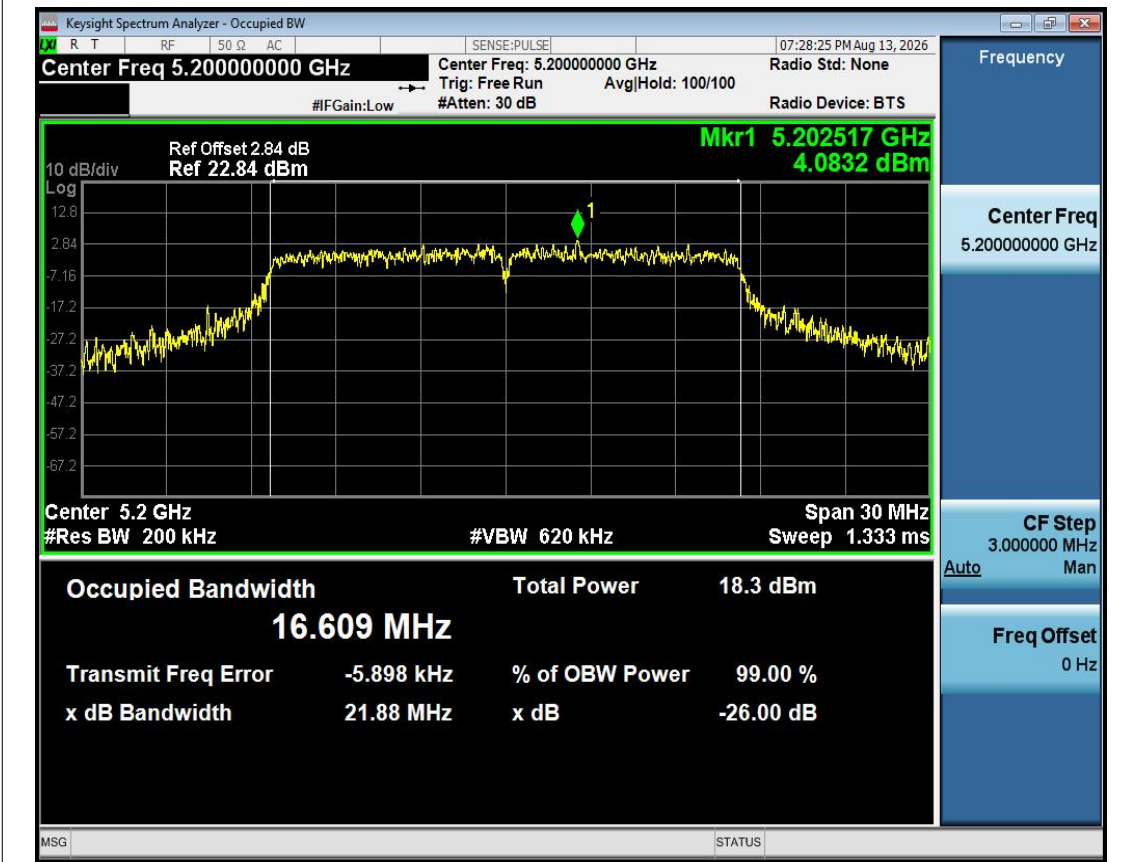
-26dB Bandwidth NVNT ax40 5230MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.534
NVNT	a	5200	Ant1	16.609
NVNT	a	5240	Ant1	16.627
NVNT	n20	5180	Ant1	17.81
NVNT	n20	5200	Ant1	17.874
NVNT	n20	5240	Ant1	17.79
NVNT	n40	5190	Ant1	36.258
NVNT	n40	5230	Ant1	36.325
NVNT	ac20	5180	Ant1	17.814
NVNT	ac20	5200	Ant1	17.842
NVNT	ac20	5240	Ant1	17.784
NVNT	ac40	5190	Ant1	36.323
NVNT	ac40	5230	Ant1	36.328
NVNT	ax20	5180	Ant1	19.046
NVNT	ax20	5200	Ant1	19.023
NVNT	ax20	5240	Ant1	19.006
NVNT	ax40	5190	Ant1	37.841
NVNT	ax40	5230	Ant1	37.836



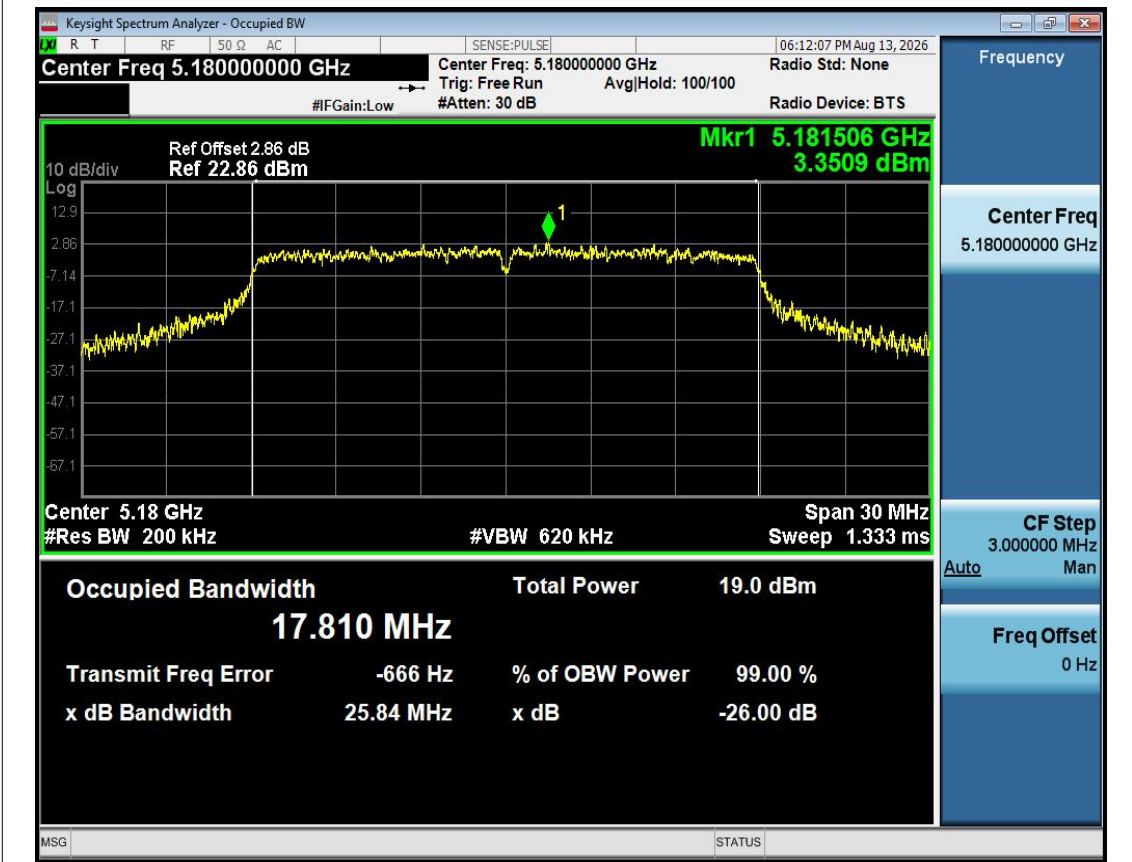
OBW NVNT a 5180MHz Ant1



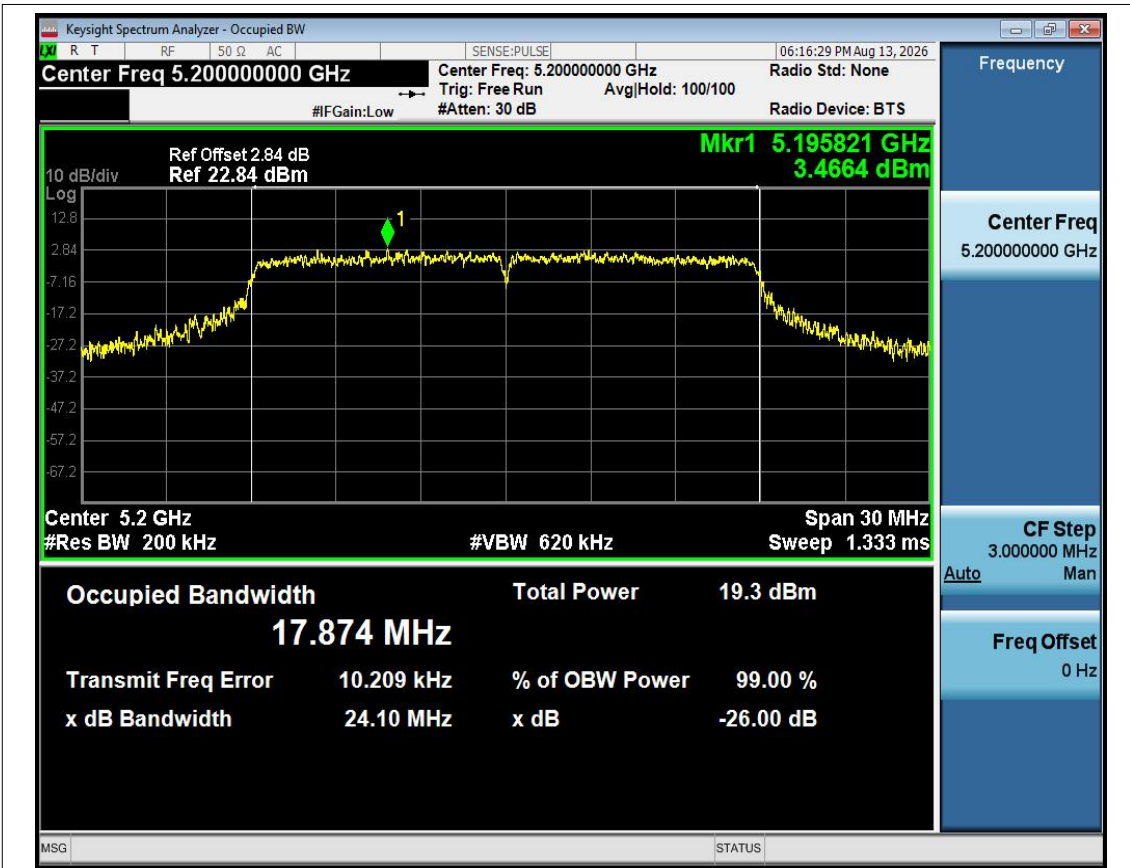
OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1



OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1