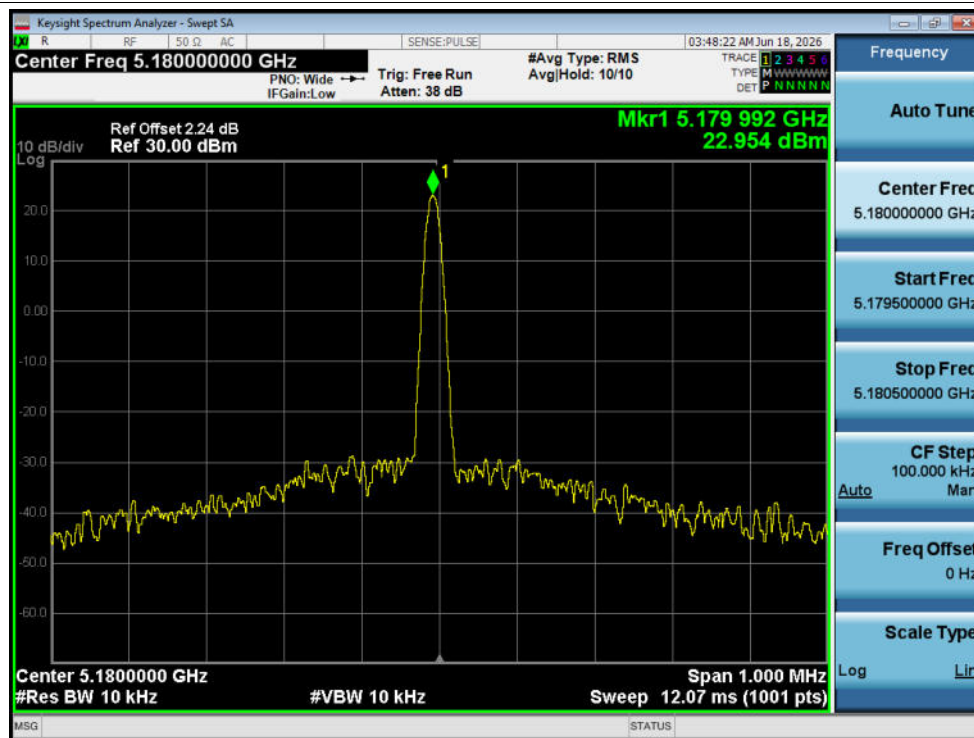


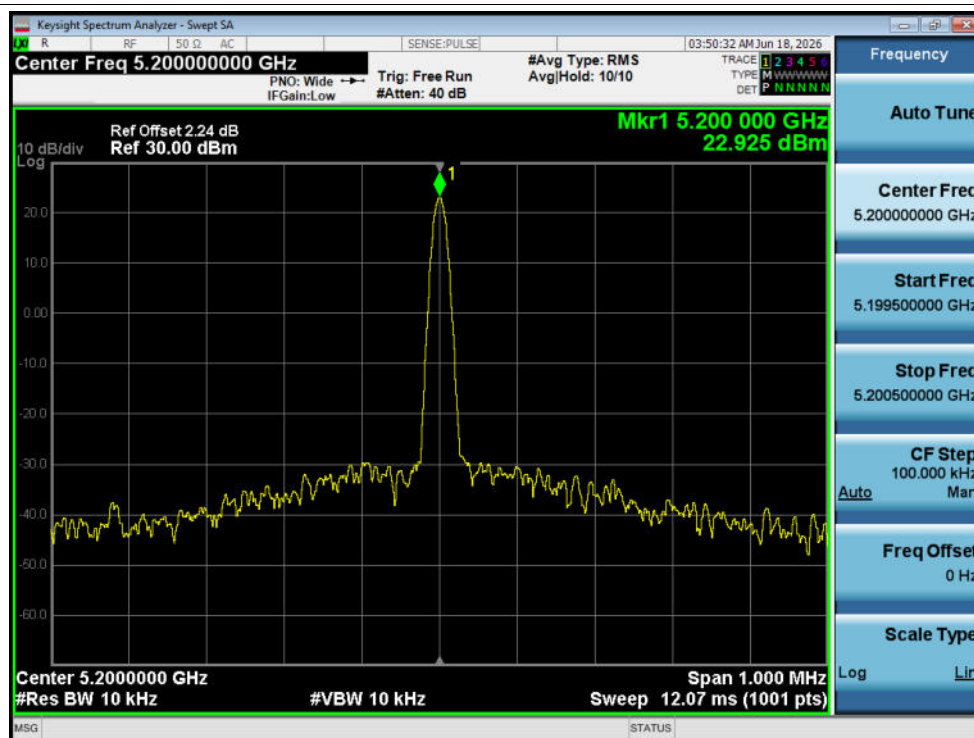
Appendix A

Frequency Error

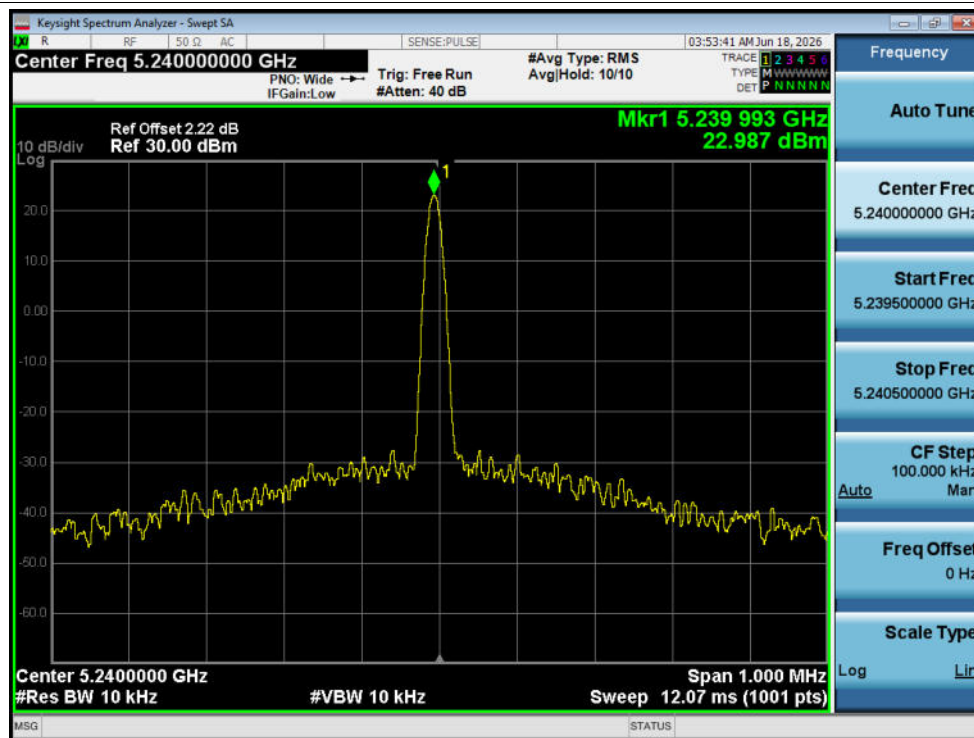
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	5180	Ant1	5179.992	-8000	-1.54	20	Pass
NVNT	5200	Ant1	5200	0	0	20	Pass
NVNT	5240	Ant1	5239.993	-7000	-1.34	20	Pass



Freq. Error NVNT 5180MHz Ant1



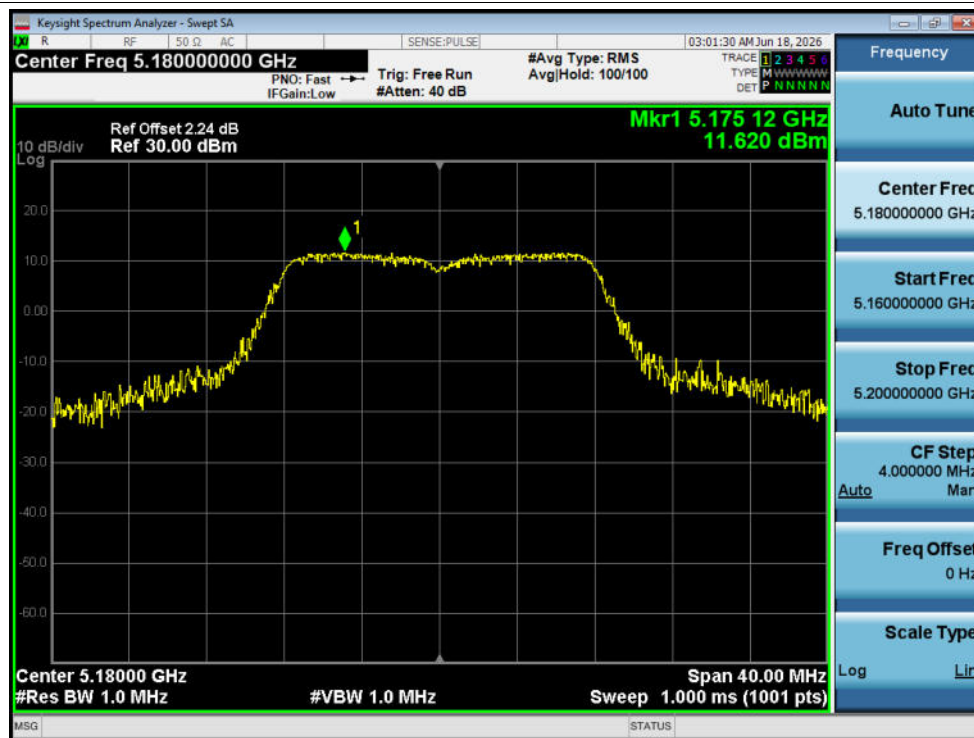
Freq. Error NVNT 5200MHz Ant1



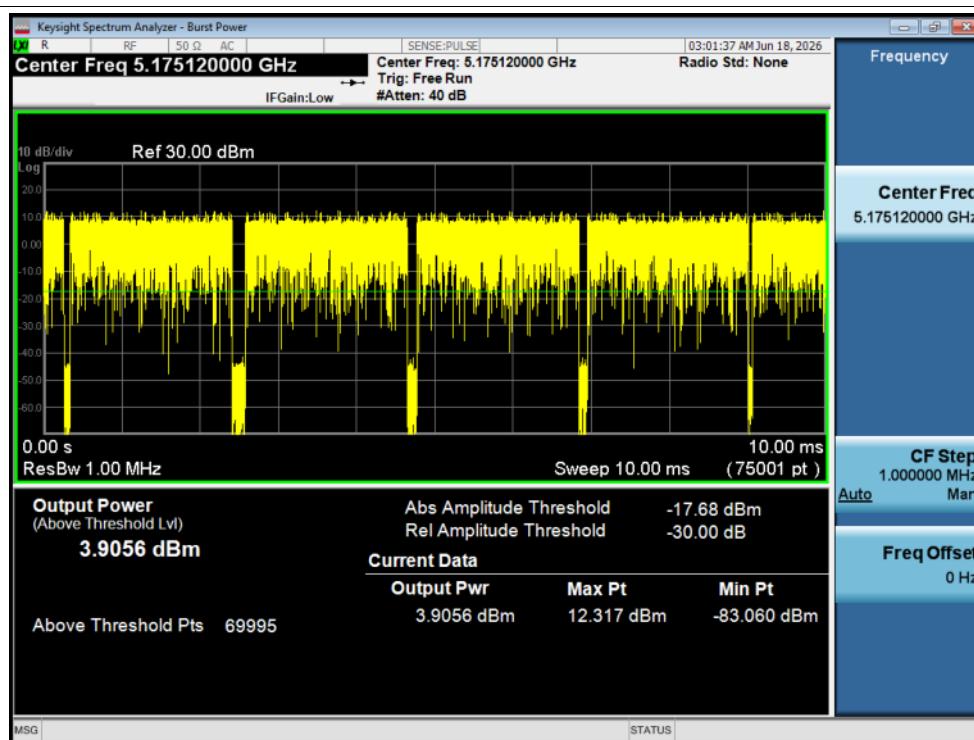
Freq. Error NVNT 5240MHz Ant1

Antenna Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm/MHz)	Power (mW/MHz)	Limit (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Lower Limit (%)	Upper Limit (%)	Verdict
NVNT	a	5180	Ant1	3.91	2.46	10	4	-38.49	-80	20	Pass
NVNT	a	5200	Ant1	4.26	2.667	10	4	-33.33	-80	20	Pass
NVNT	a	5240	Ant1	3.99	2.506	10	4	-37.35	-80	20	Pass
NVNT	n20	5180	Ant1	3.67	2.328	10	4	-41.8	-80	20	Pass
NVNT	n20	5200	Ant1	3.59	2.286	10	4	-42.86	-80	20	Pass
NVNT	n20	5240	Ant1	4.66	2.924	10	4	-26.9	-80	20	Pass



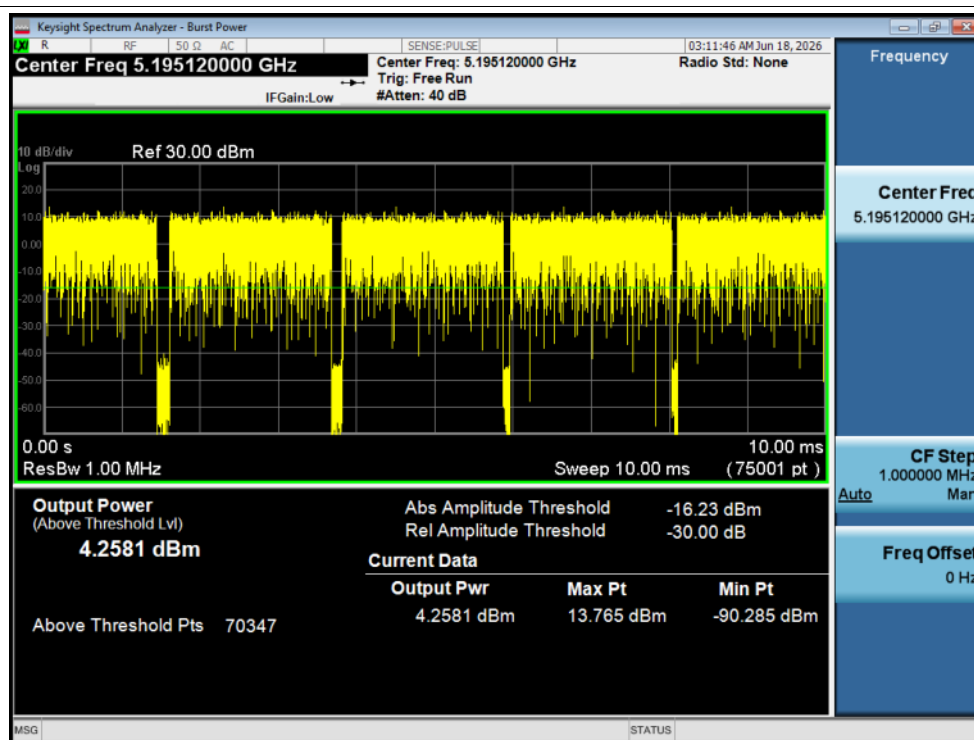
Power NVNT a 5180MHz Ant1 Pre Scan



Power NVNT a 5180MHz Ant1 Zero Span



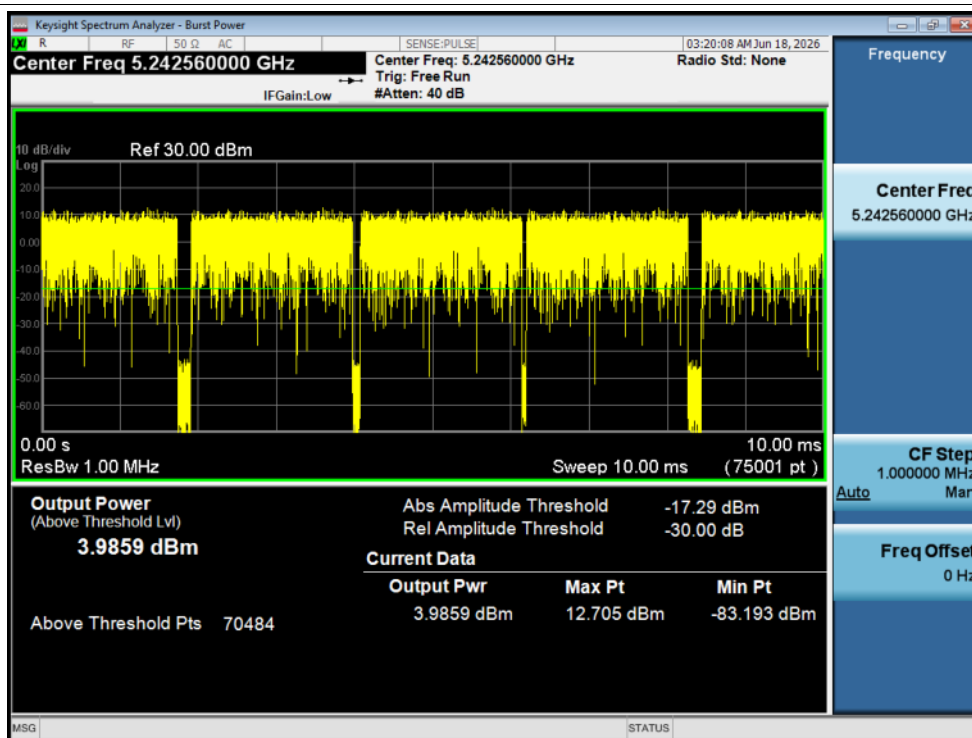
Power NVNT a 5200MHz Ant1 Pre Scan



Power NVNT a 5200MHz Ant1 Zero Span



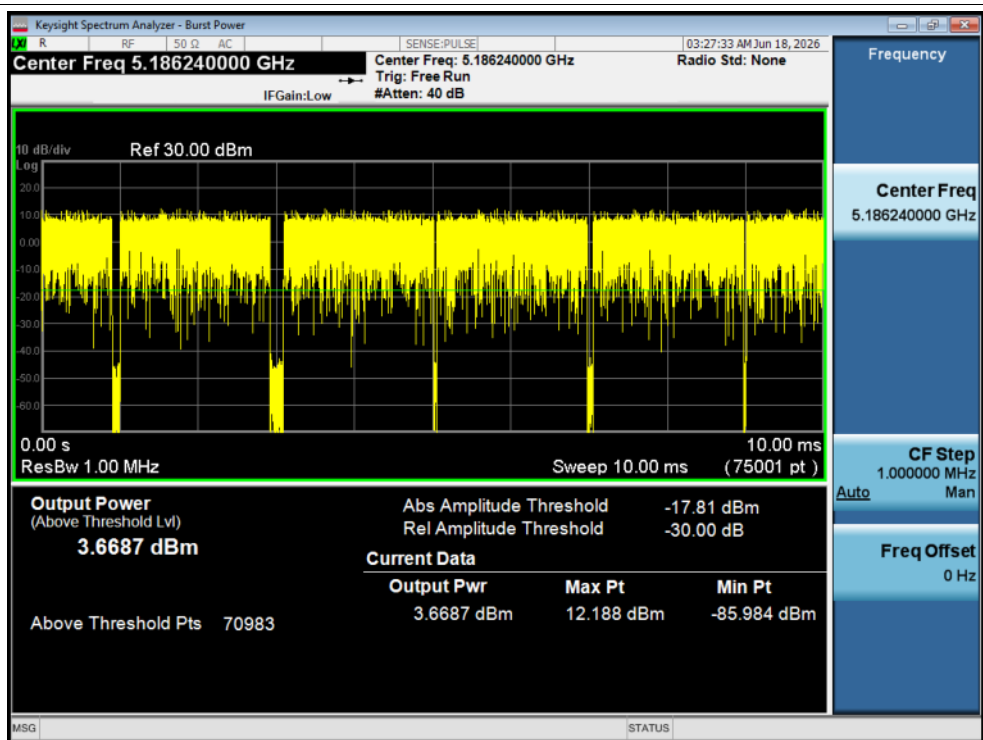
Power NVNT a 5240MHz Ant1 Pre Scan



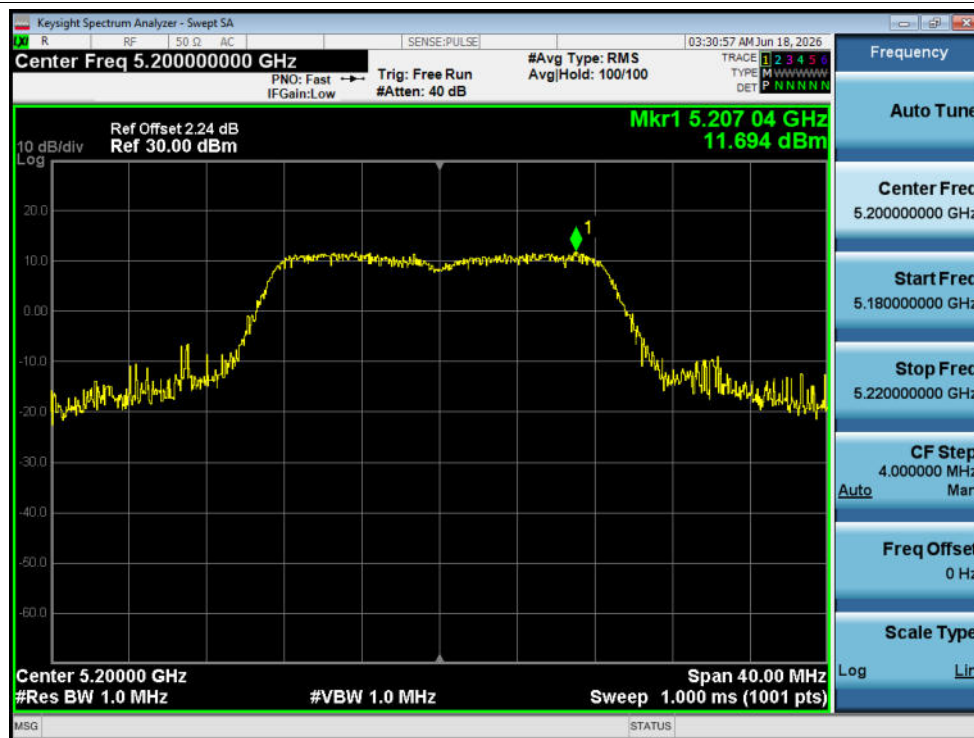
Power NVNT a 5240MHz Ant1 Zero Span



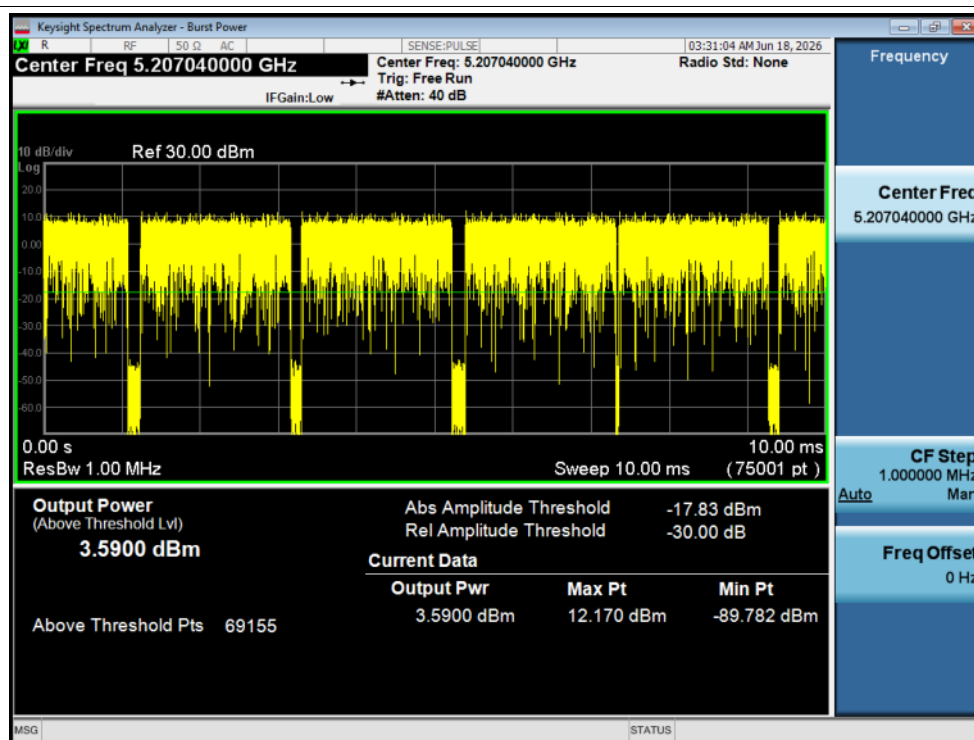
Power NVNT n20 5180MHz Ant1 Pre Scan



Power NVNT n20 5180MHz Ant1 Zero Span



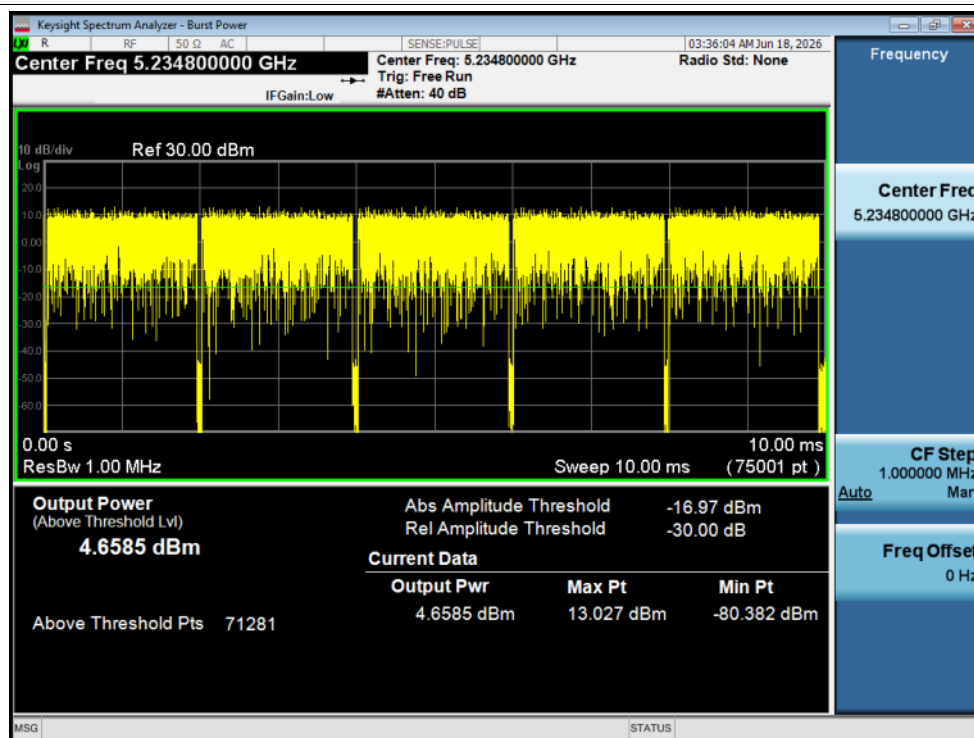
Power NVNT n20 5200MHz Ant1 Pre Scan



Power NVNT n20 5200MHz Ant1 Zero Span



Power NVNT n20 5240MHz Ant1 Pre Scan



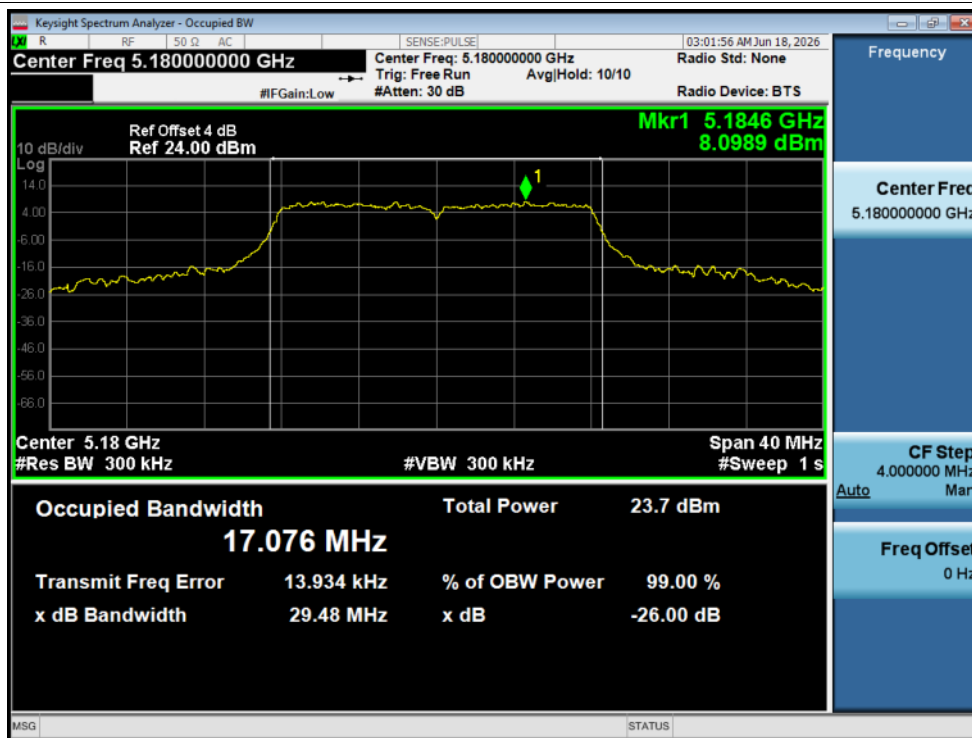
Power NVNT n20 5240MHz Ant1 Zero Span

EIRP Power

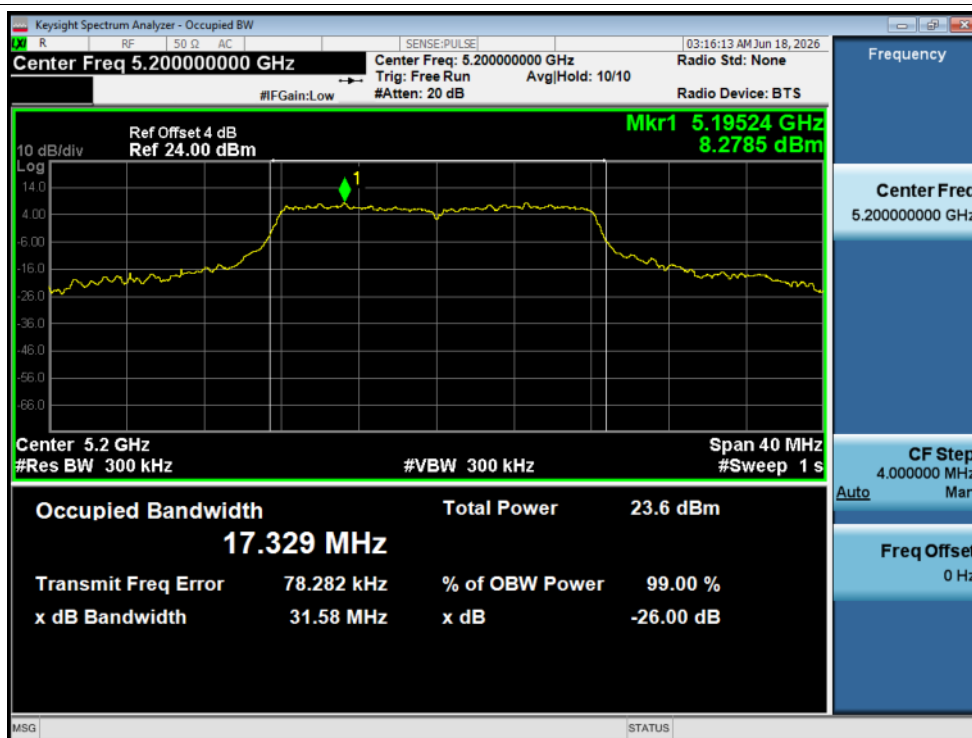
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm/MHz)	Power (mW/MHz)	Gain (dBi)	EIRP (dBm/MHz)	EIRP (mW/MHz)	Limit (mW/MHz)	Verdict
NVNT	a	5180	Ant1	3.91	2.46	1.76	5.67	3.69	10	Pass
NVNT	a	5200	Ant1	4.26	2.667	1.76	6.02	3.999	10	Pass
NVNT	a	5240	Ant1	3.99	2.506	1.76	5.75	3.758	10	Pass
NVNT	n20	5180	Ant1	3.67	2.328	1.76	5.43	3.491	10	Pass
NVNT	n20	5200	Ant1	3.59	2.286	1.76	5.35	3.428	10	Pass
NVNT	n20	5240	Ant1	4.66	2.924	1.76	6.42	4.385	10	Pass

Occupied Channel Bandwidth

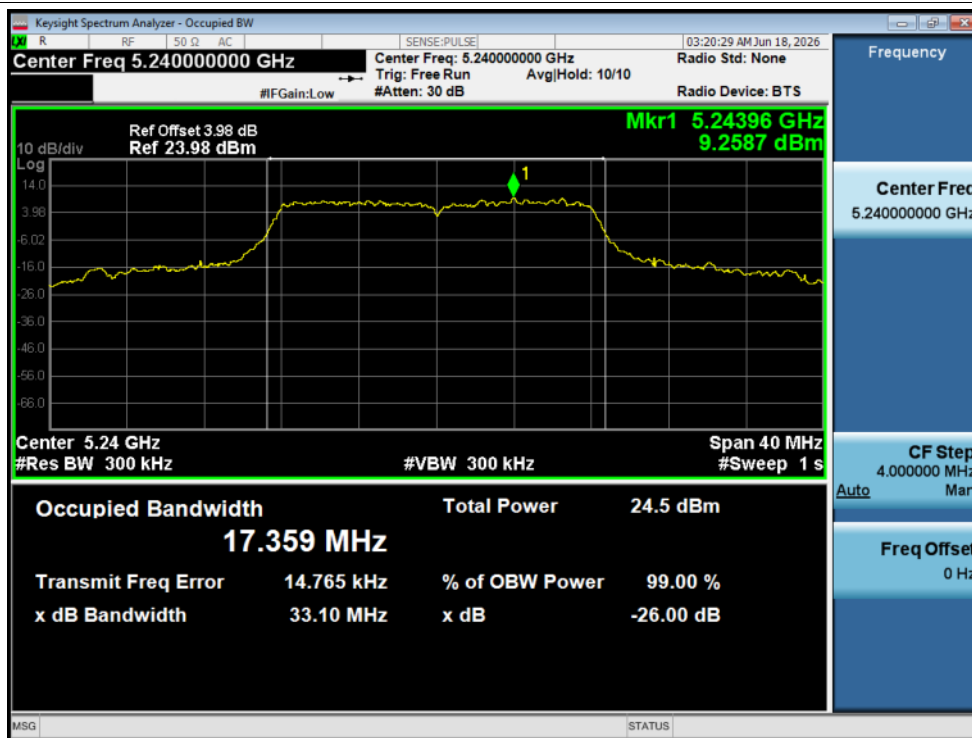
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	a	5180	Ant1	17.076	N/A	20	Pass
NVNT	a	5200	Ant1	17.329	N/A	20	Pass
NVNT	a	5240	Ant1	17.359	N/A	20	Pass
NVNT	n20	5180	Ant1	18.131	N/A	20	Pass
NVNT	n20	5200	Ant1	18.131	N/A	20	Pass
NVNT	n20	5240	Ant1	18.446	N/A	20	Pass



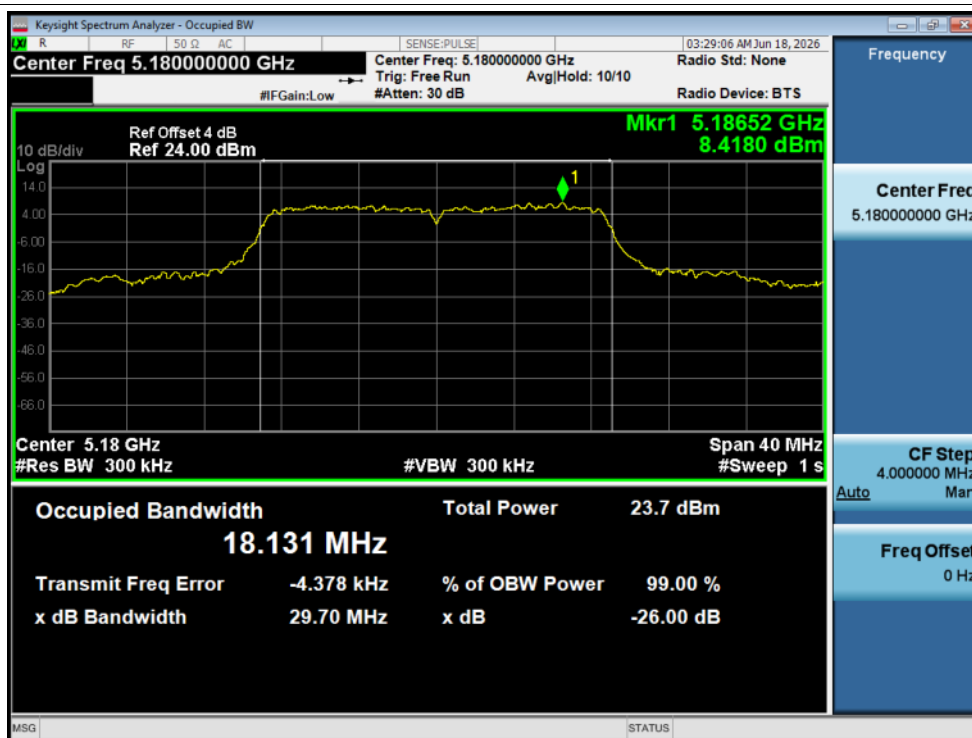
OBW NVNT a 5180MHz Ant1



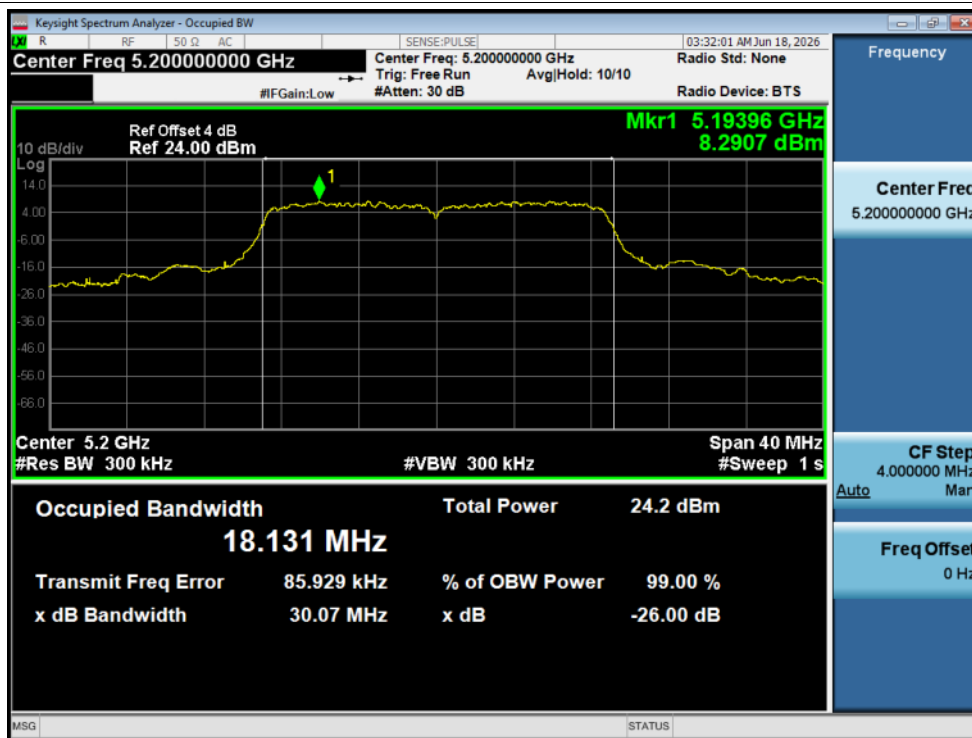
OBW NVNT a 5200MHz Ant1



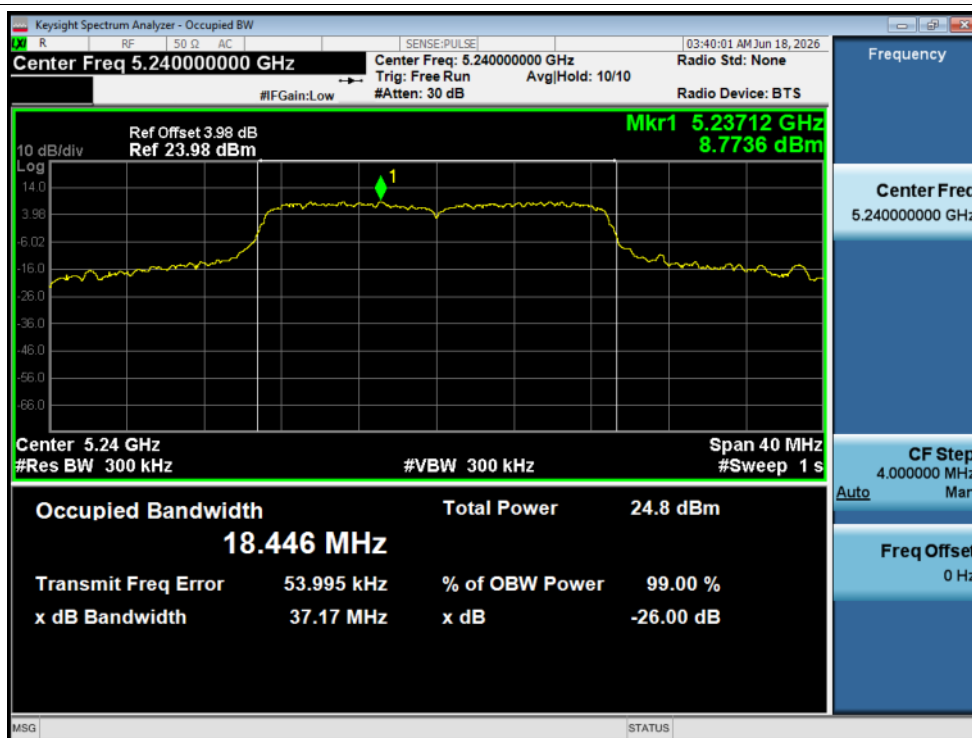
OBW NVNT a 5240MHz Ant1



OBW NVNT n20 5180MHz Ant1



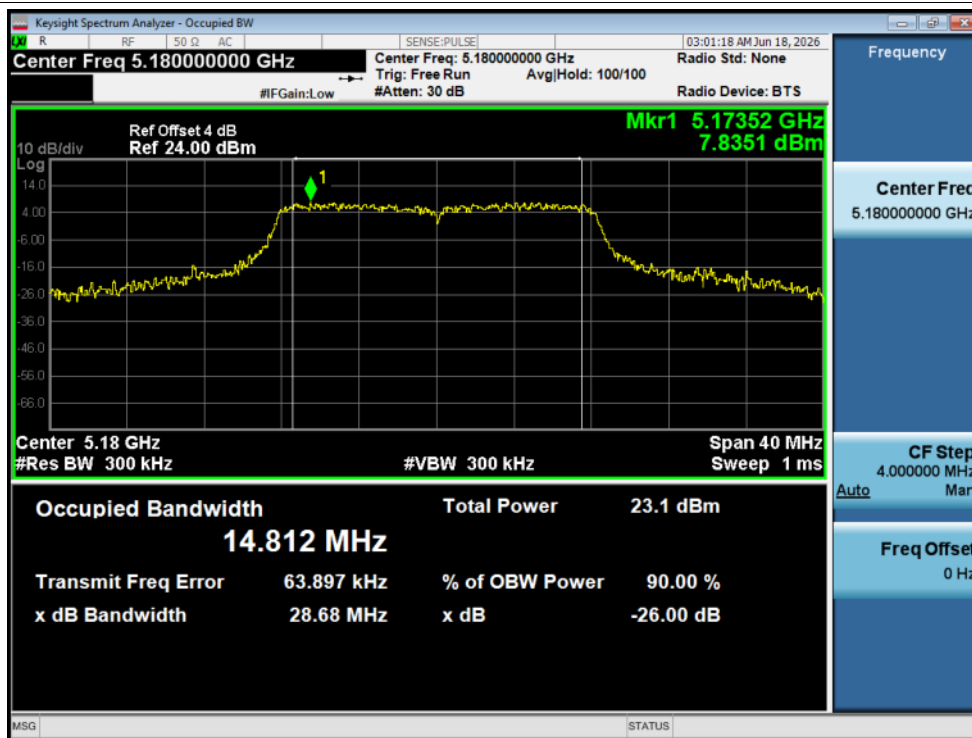
OBW NVNT n20 5200MHz Ant1



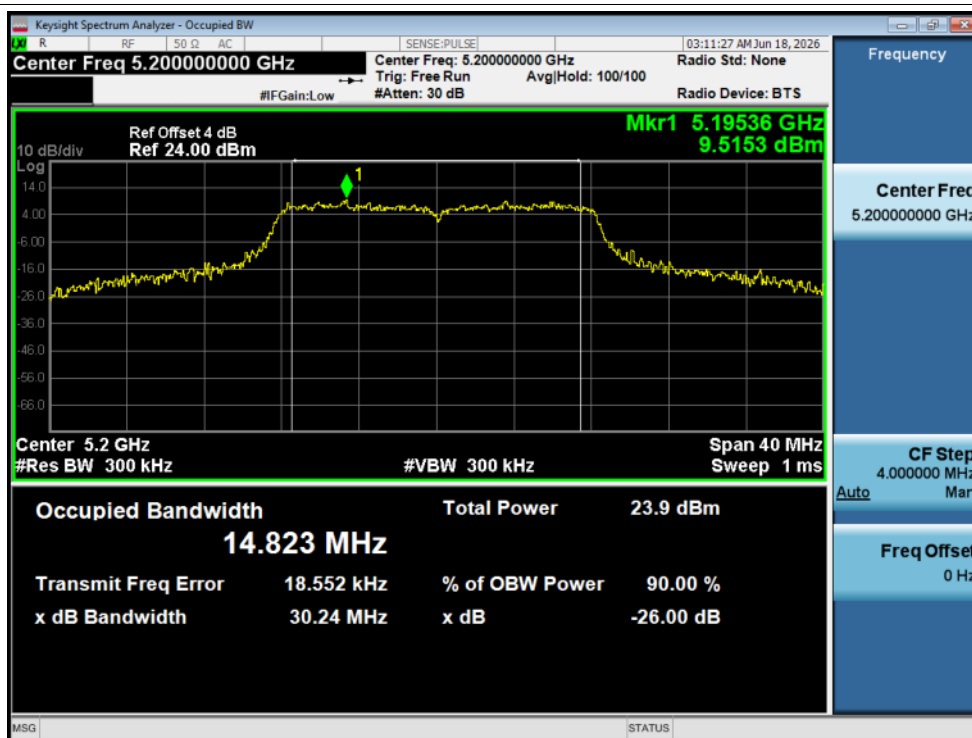
OBW NVNT n20 5240MHz Ant1

Spreading Bandwidth

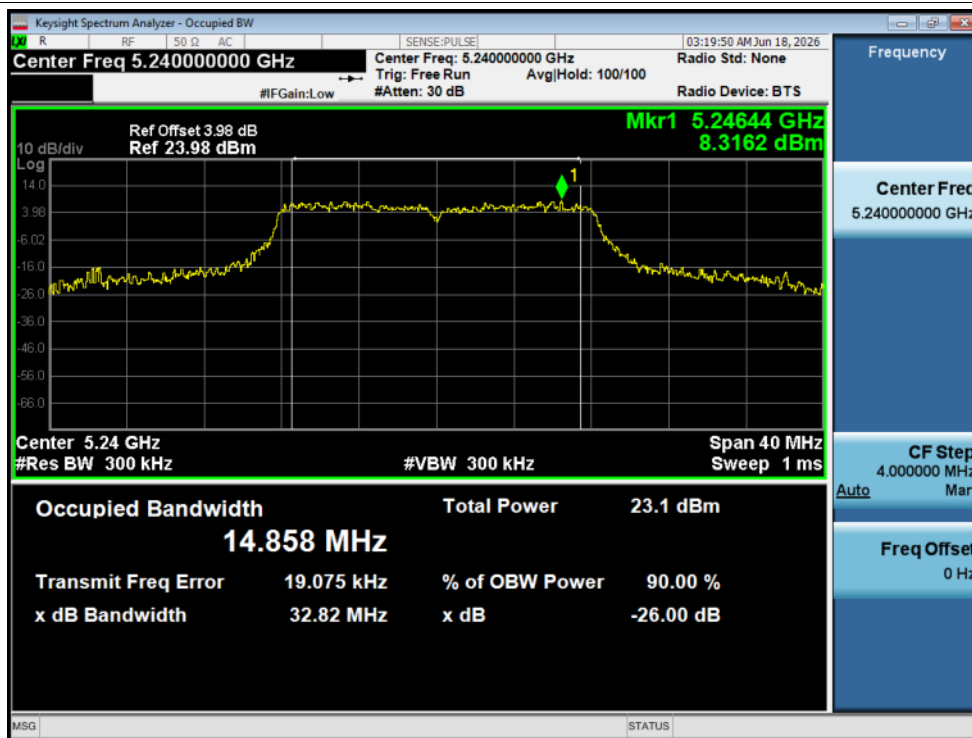
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	a	5180	Ant1	14.812
NVNT	a	5200	Ant1	14.823
NVNT	a	5240	Ant1	14.858
NVNT	n20	5180	Ant1	15.605
NVNT	n20	5200	Ant1	15.669
NVNT	n20	5240	Ant1	15.751



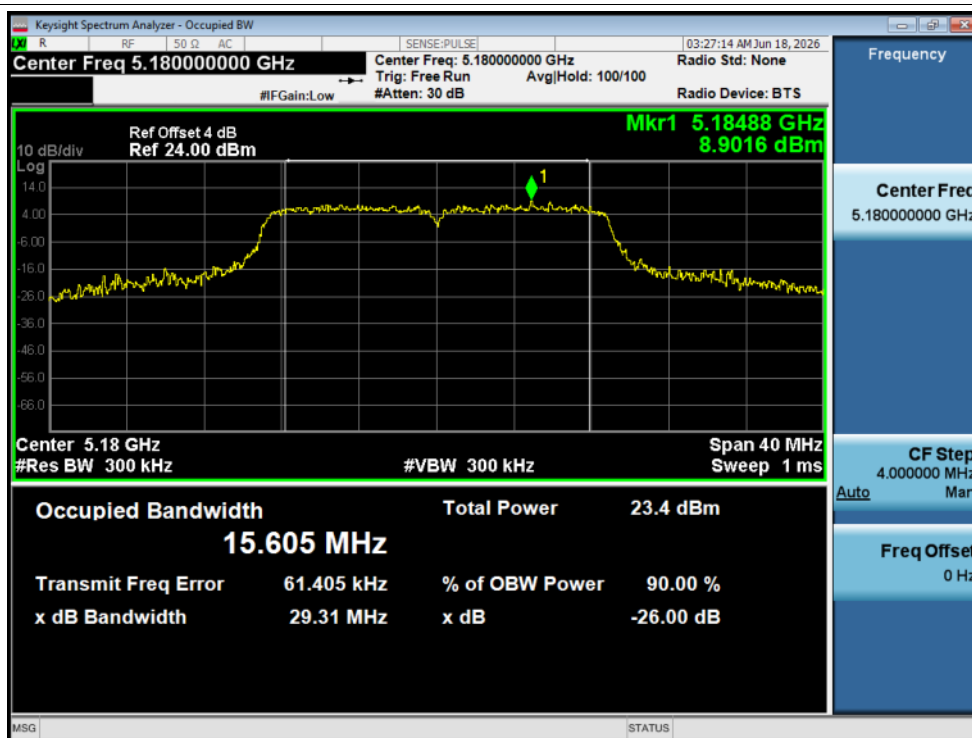
Spreading Bandwidth NVNT a 5180MHz Ant1



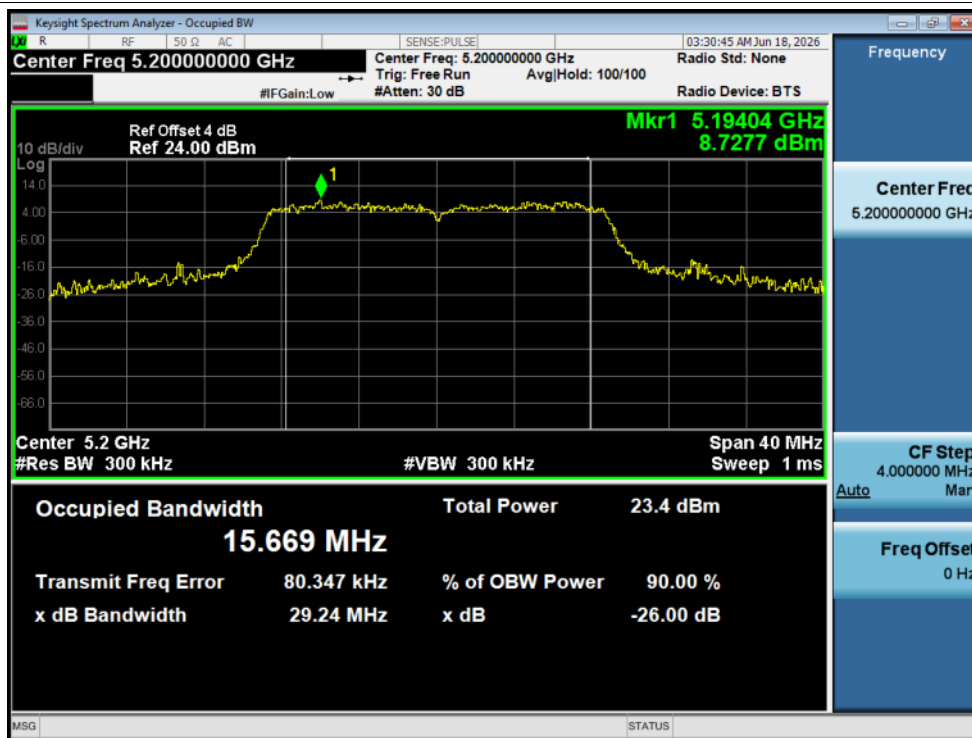
Spreading Bandwidth NVNT a 5200MHz Ant1



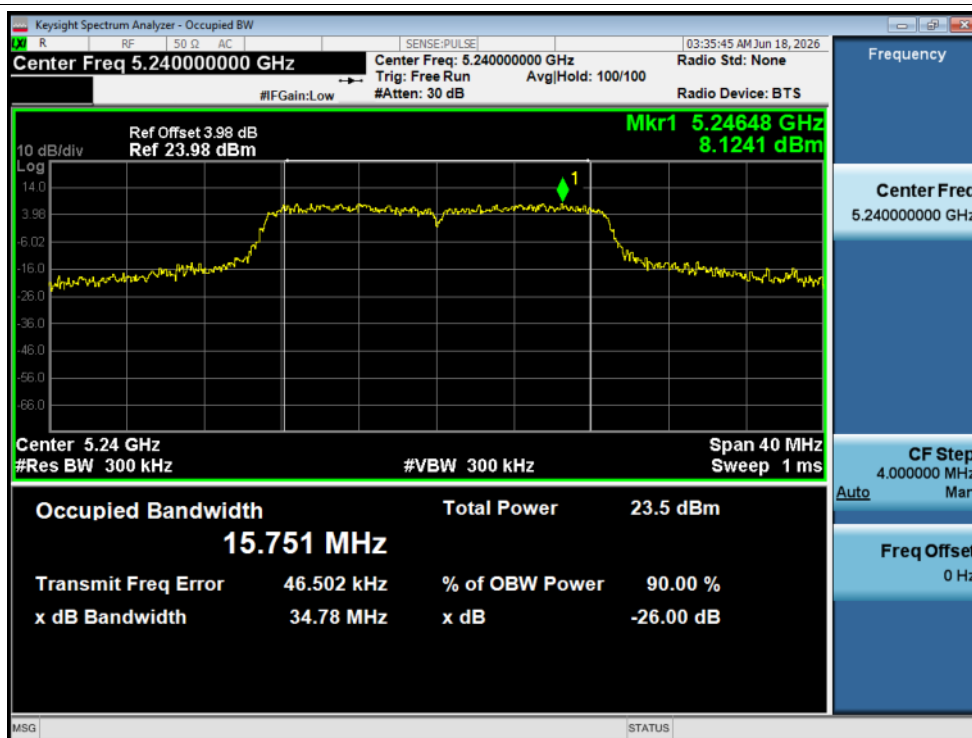
Spreading Bandwidth NVNT a 5240MHz Ant1



Spreading Bandwidth NVNT n20 5180MHz Ant1



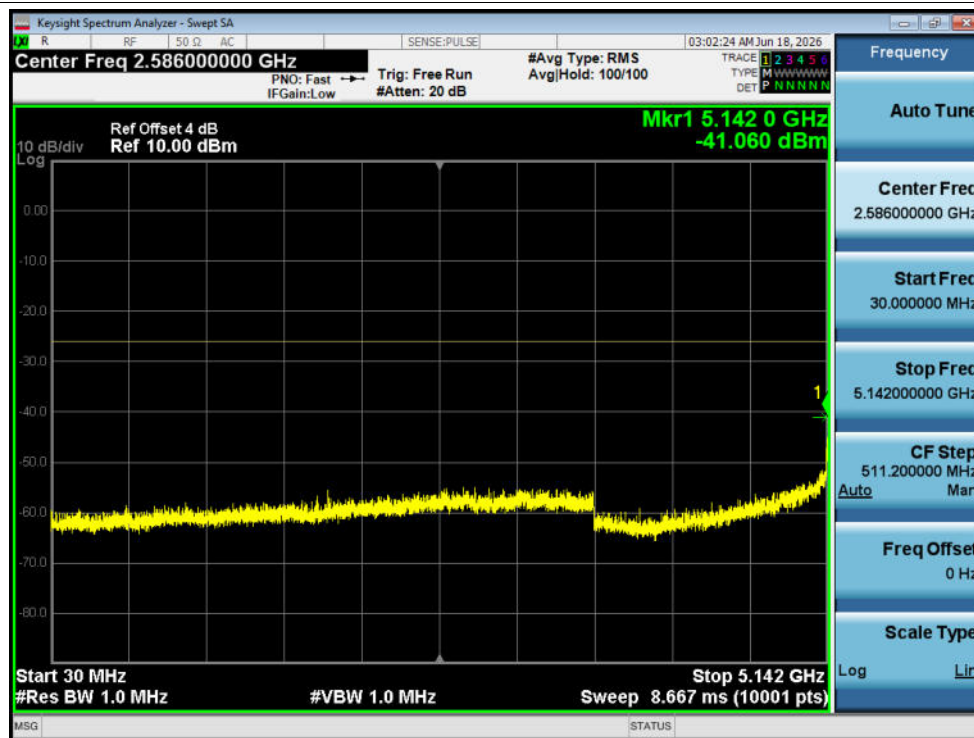
Spreading Bandwidth NVNT n20 5200MHz Ant1



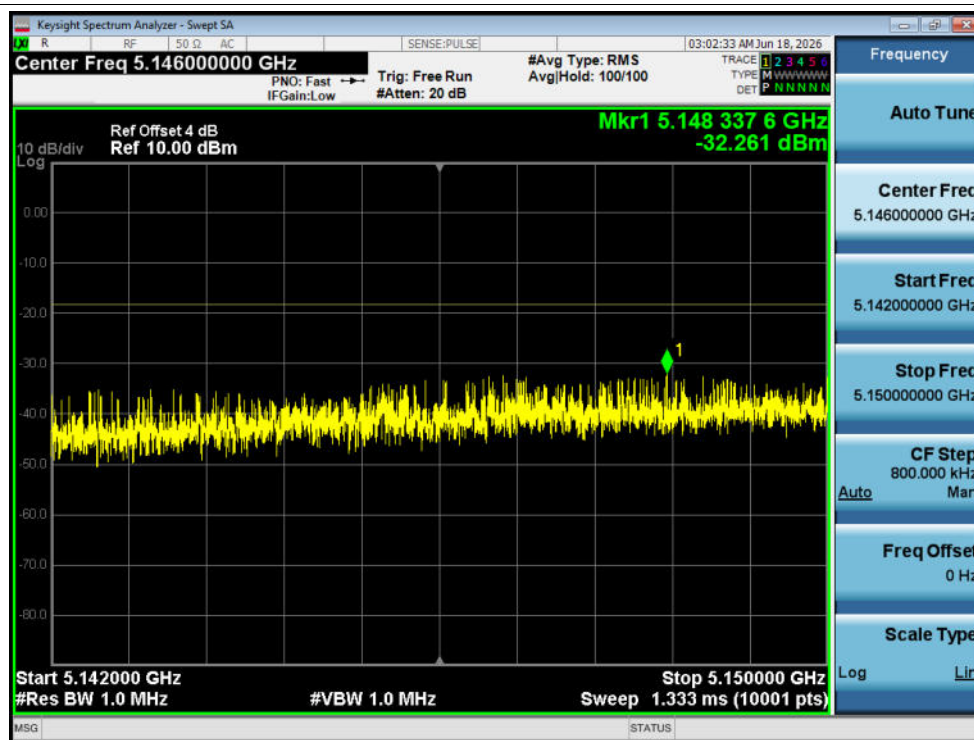
Spreading Bandwidth NVNT n20 5240MHz Ant1

Tx Spurious Emission

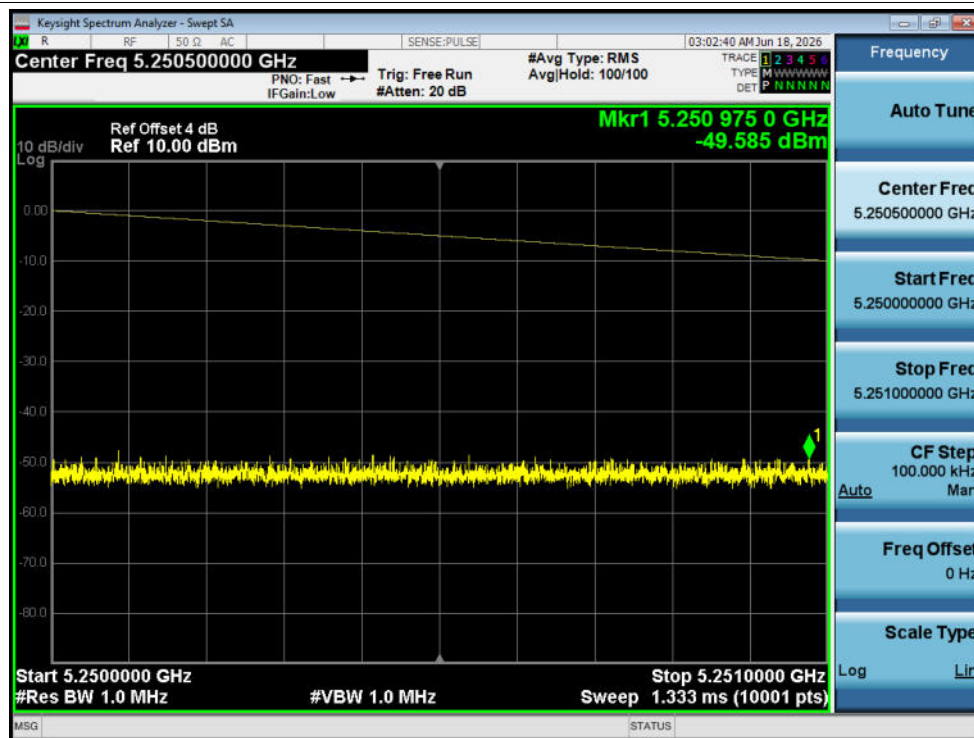
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	a	5180	Ant1	30-5142	5142.00	-41.06	NA	0.0783	NA	2.5	2.5	Pass
NVNT	a	5180	Ant1	5142-5150	5148.34	-32.26	NA	0.5943	NA	15	15	Pass
NVNT	a	5180	Ant1	5250-5251	5250.98	-49.58	NA	0.011	NA	1000	100	Pass
NVNT	a	5180	Ant1	5251-5260	5259.68	-59.06	NA	0.0012	NA	100	15.85	Pass
NVNT	a	5180	Ant1	5260-5266.7	5266.60	-56.99	NA	0.002	NA	15.85	2.49	Pass
NVNT	a	5180	Ant1	5266.7-26000	25809.25	-40.68	NA	0.0855	NA	2.5	2.5	Pass
NVNT	a	5200	Ant1	30-5142	5116.44	-50.86	NA	0.0082	NA	2.5	2.5	Pass
NVNT	a	5200	Ant1	5142-5150	5148.95	-42.54	NA	0.0557	NA	15	15	Pass
NVNT	a	5200	Ant1	5250-5250.2	5250.19	-41.40	NA	0.0724	NA	2154.43	630.96	Pass
NVNT	a	5200	Ant1	5250.2-5251	5250.99	-43.58	NA	0.0439	NA	630.96	100	Pass
NVNT	a	5200	Ant1	5251-5260	5258.80	-48.36	NA	0.0146	NA	100	15.85	Pass
NVNT	a	5200	Ant1	5260-5266.7	5266.70	-49.76	NA	0.0106	NA	15.85	2.49	Pass
NVNT	a	5200	Ant1	5266.7-26000	24884.55	-40.22	NA	0.0951	NA	2.5	2.5	Pass
NVNT	a	5240	Ant1	30-5142	5142.00	-52.12	NA	0.0061	NA	2.5	2.5	Pass
NVNT	a	5240	Ant1	5142-5150	5147.78	-49.31	NA	0.0117	NA	15	15	Pass
NVNT	a	5240	Ant1	5250-5251	5250.99	-5.88	-18.9	258.226	12.8825	1000	100	Pass
NVNT	a	5240	Ant1	5251-5260	5258.36	-9.61	-25.56	109.3956	2.7797	100	15.85	Pass
NVNT	a	5240	Ant1	5260-5266.7	5261.53	-13.68	-31.3	42.8549	0.7413	15.85	2.49	Pass
NVNT	a	5240	Ant1	5266.7-26000	5270.85	-27.07	-48.7	1.9634	0.0135	2.5	2.5	Pass



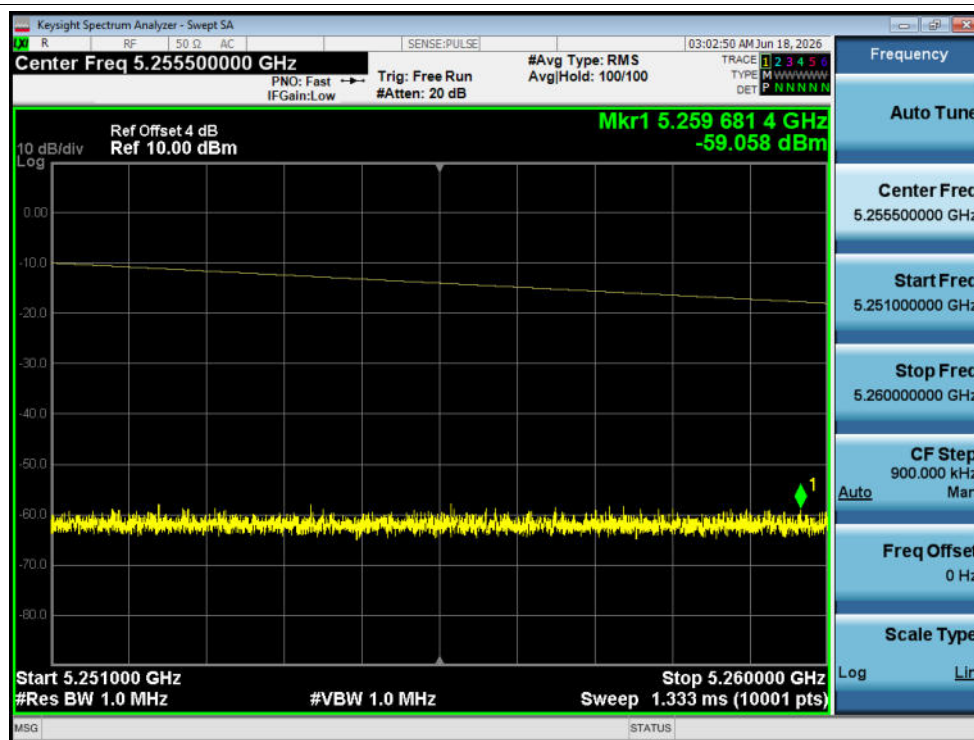
Tx. Spurious NVNT a 5180MHz Ant1 @ 30MHz-5142MHz



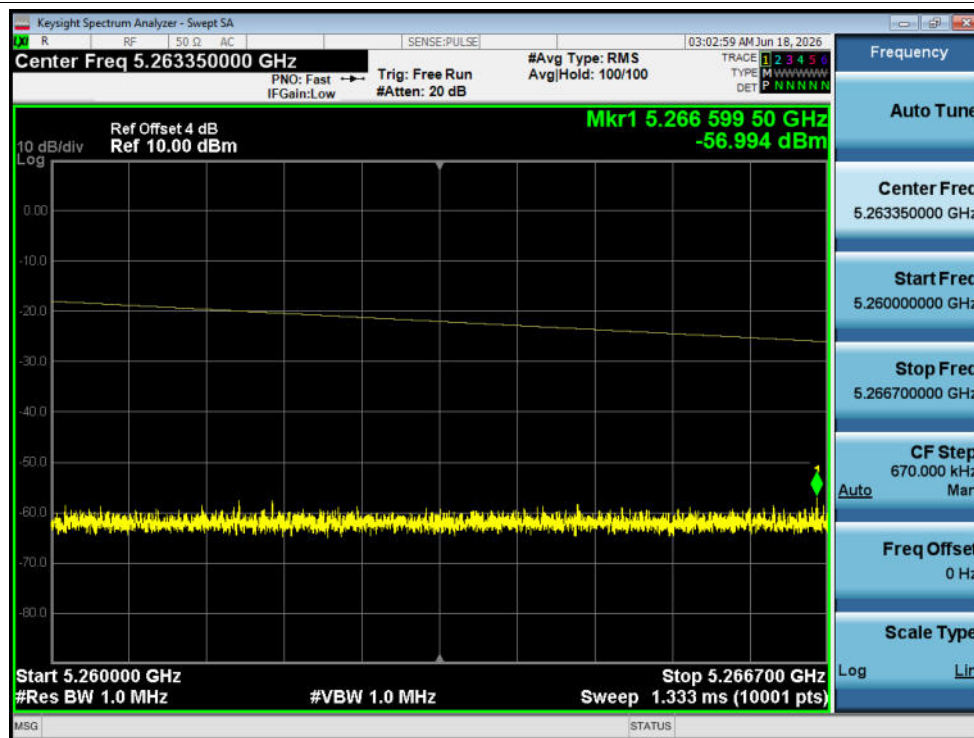
Tx. Spurious NVNT a 5180MHz Ant1 @ 5142MHz-5150MHz



Tx. Spurious NVNT a 5180MHz Ant1 @ 5250MHz-5251MHz



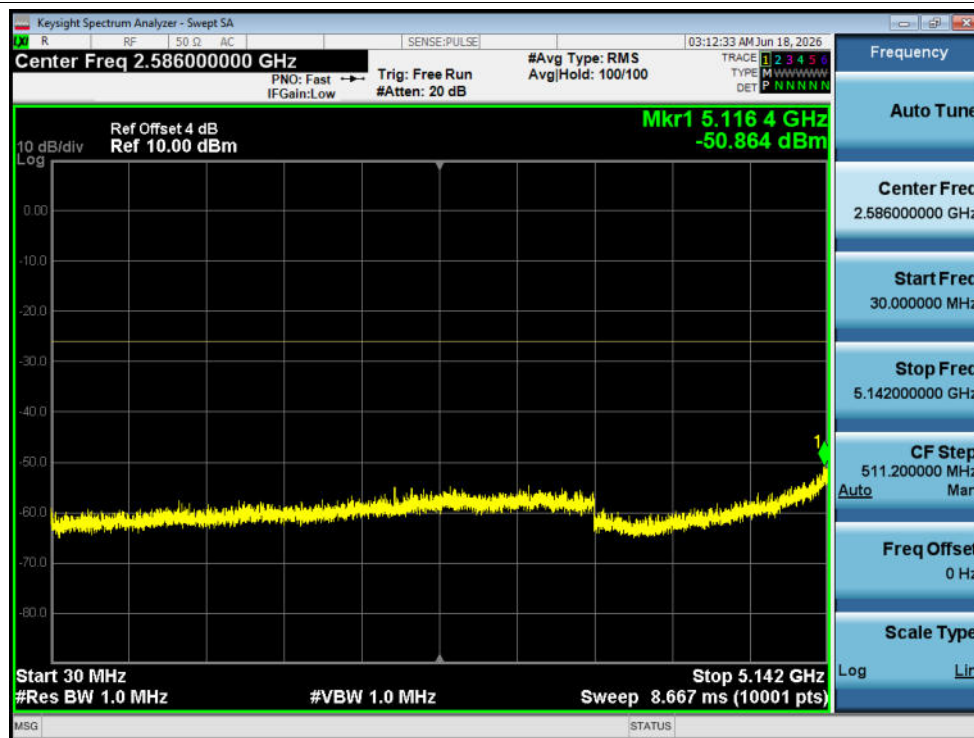
Tx. Spurious NVNT a 5180MHz Ant1 @ 5251MHz-5260MHz



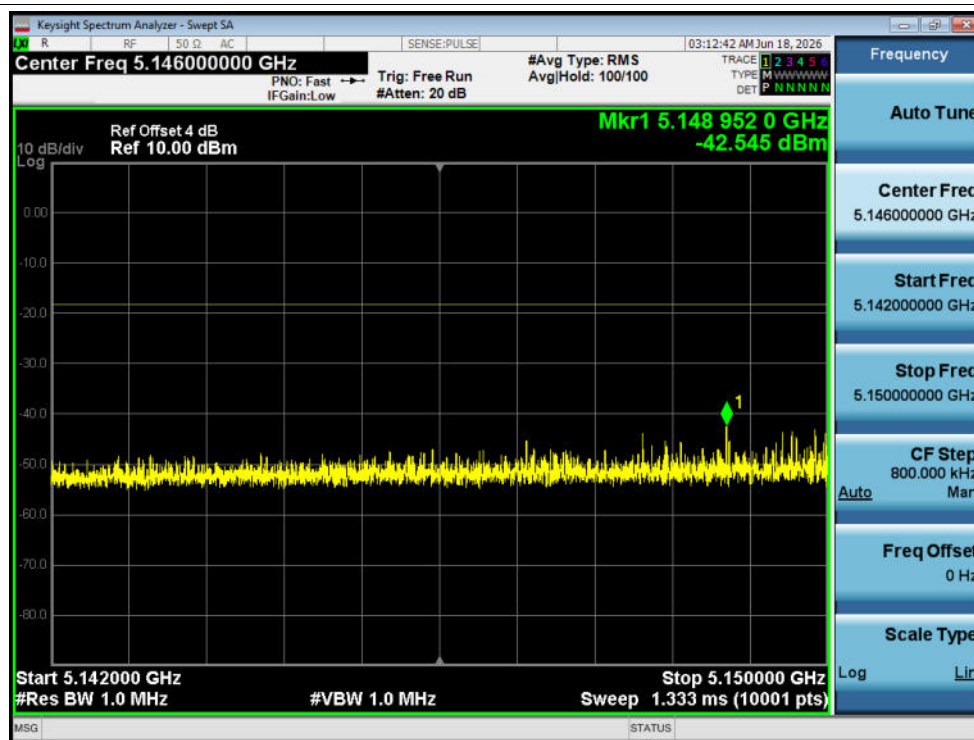
Tx. Spurious NVNT a 5180MHz Ant1 @ 5260MHz-5266.7MHz



Tx. Spurious NVNT a 5180MHz Ant1 @ 5266.7MHz-26000MHz



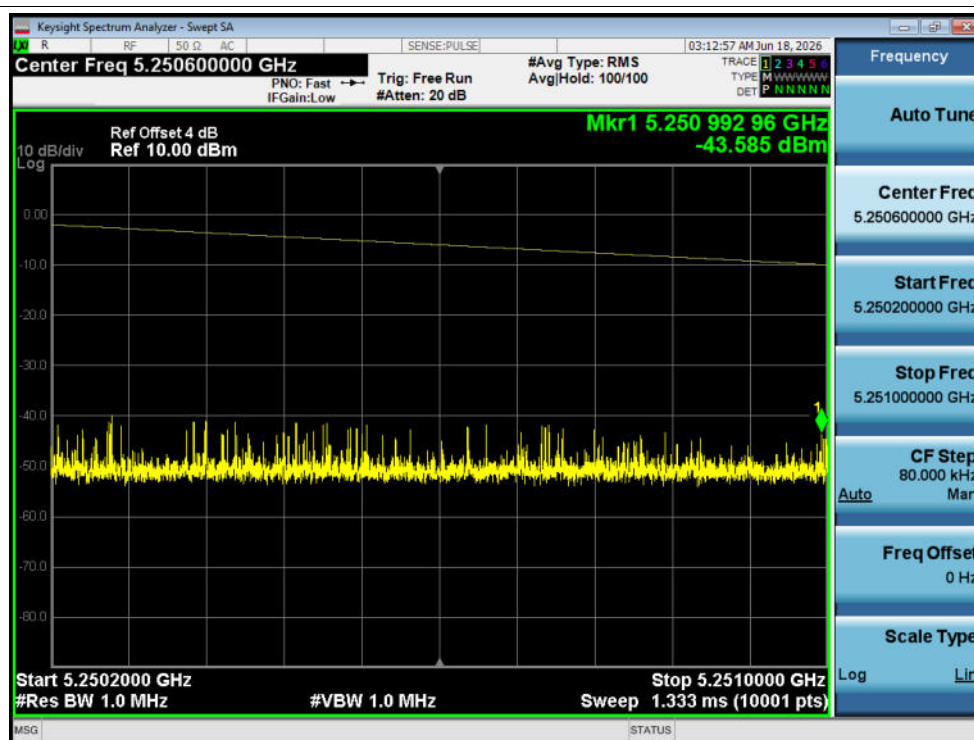
Tx. Spurious NVNT a 5200MHz Ant1 @ 30MHz-5142MHz



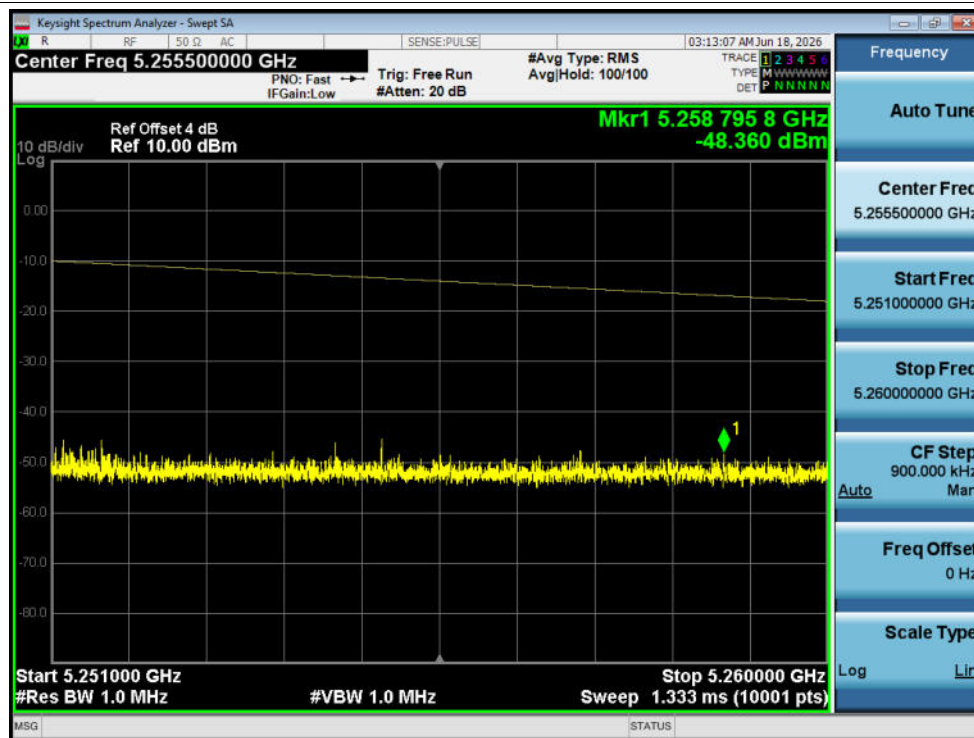
Tx. Spurious NVNT a 5200MHz Ant1 @ 5142MHz-5150MHz



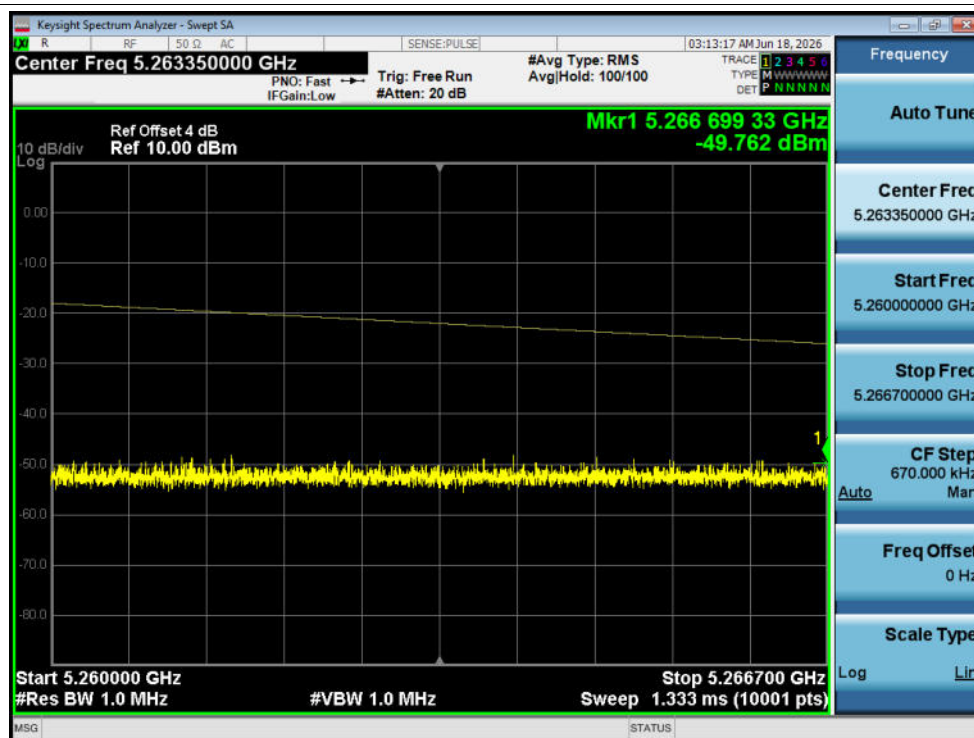
Tx. Spurious NVNT a 5200MHz Ant1 @ 5250MHz-5250.2MHz



Tx. Spurious NVNT a 5200MHz Ant1 @ 5250.2MHz-5251MHz



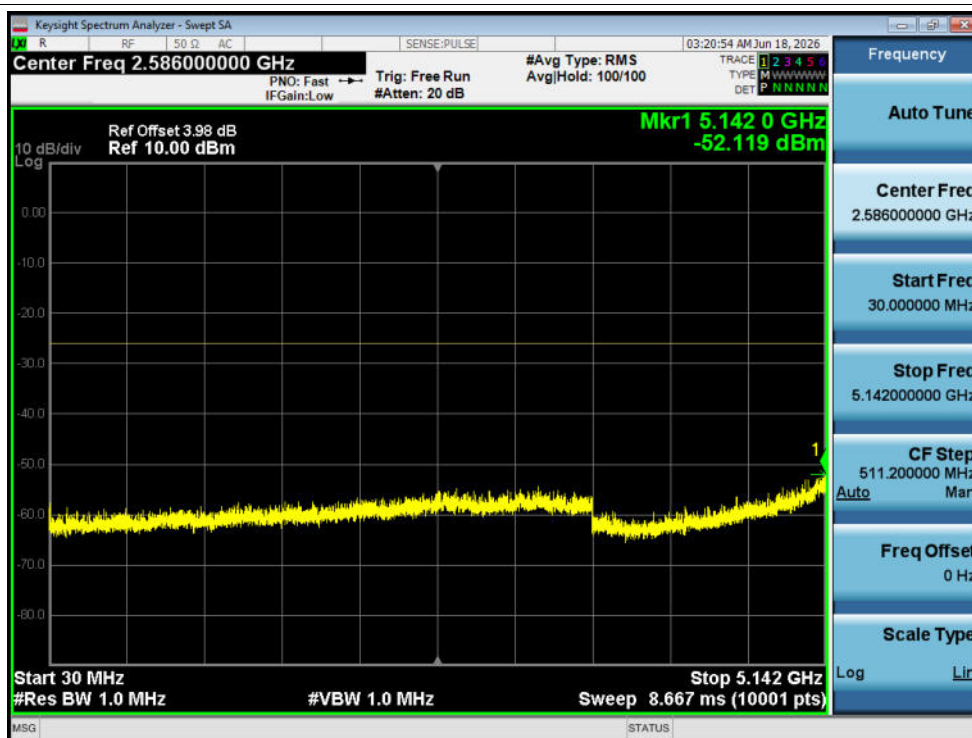
Tx. Spurious NVNT a 5200MHz Ant1 @ 5251MHz-5260MHz



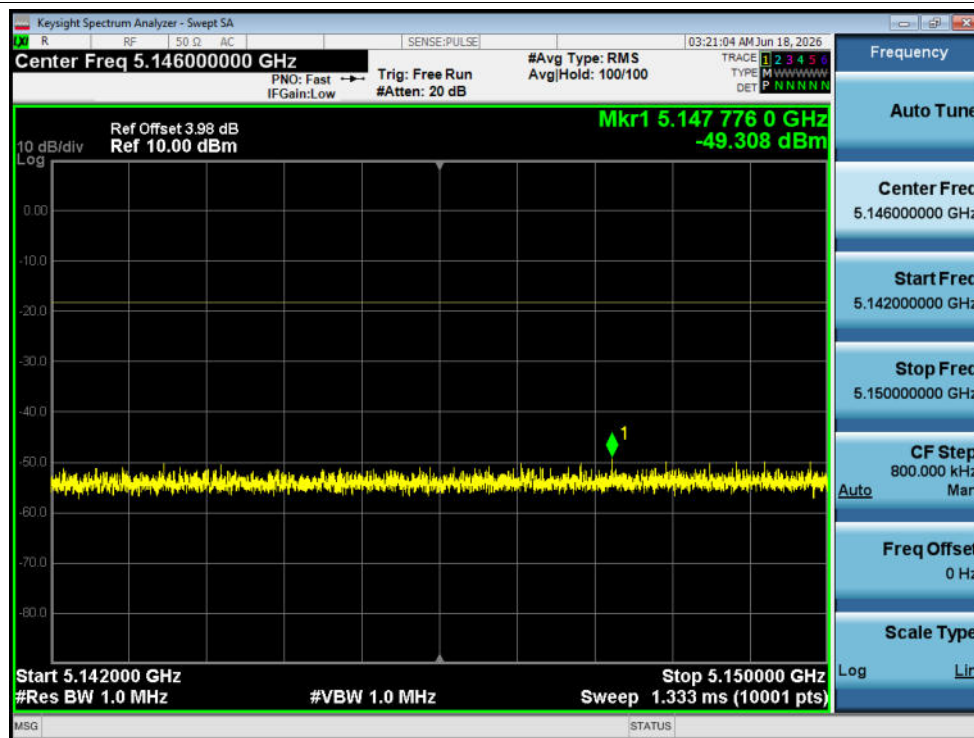
Tx. Spurious NVNT a 5200MHz Ant1 @ 5260MHz-5266.7MHz



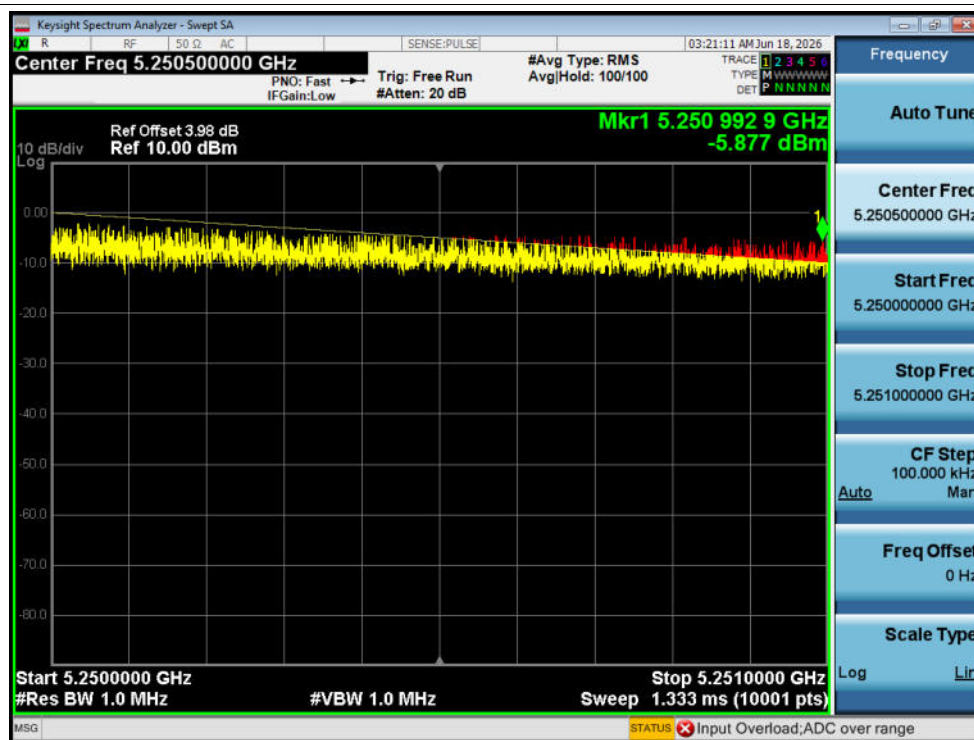
Tx. Spurious NVNT a 5200MHz Ant1 @ 5266.7MHz-26000MHz



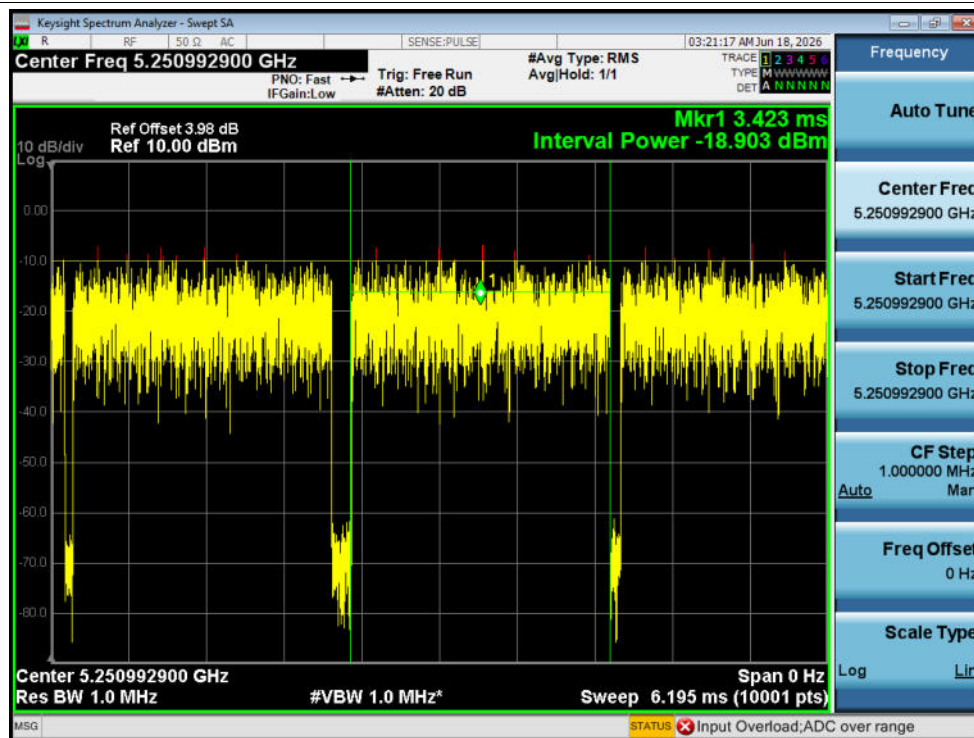
Tx. Spurious NVNT a 5240MHz Ant1 @ 30MHz-5142MHz



Tx. Spurious NVNT a 5240MHz Ant1 @ 5142MHz-5150MHz



Tx. Spurious NVNT a 5240MHz Ant1 @ 5250MHz-5251MHz



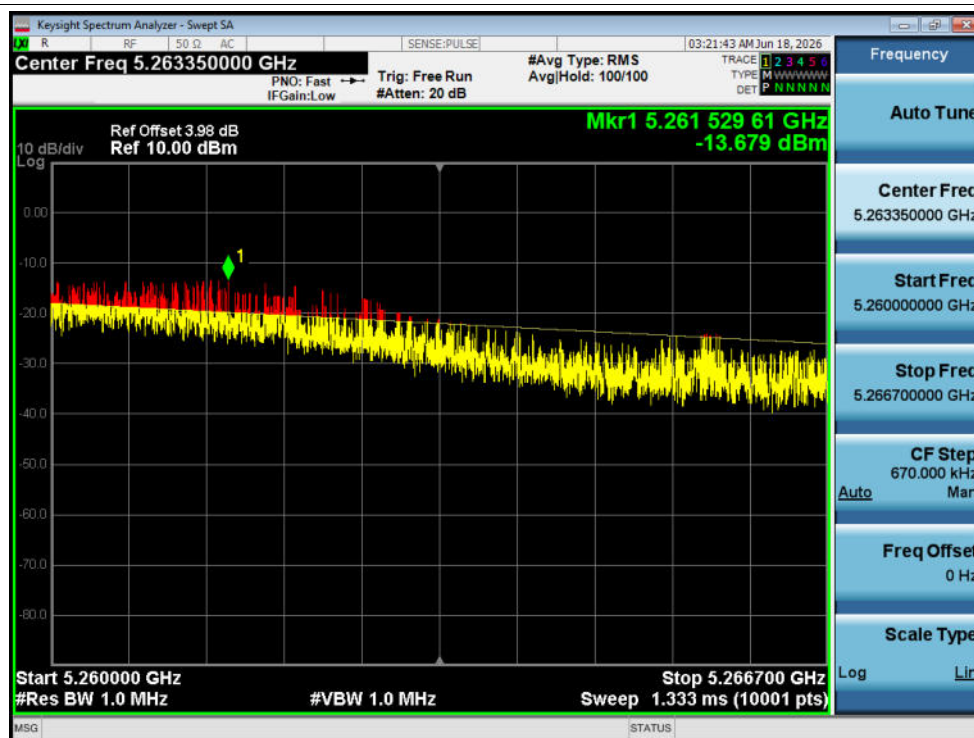
Tx. Spurious NVNT a 5240MHz Ant1 @ 5250MHz-5251MHz Final



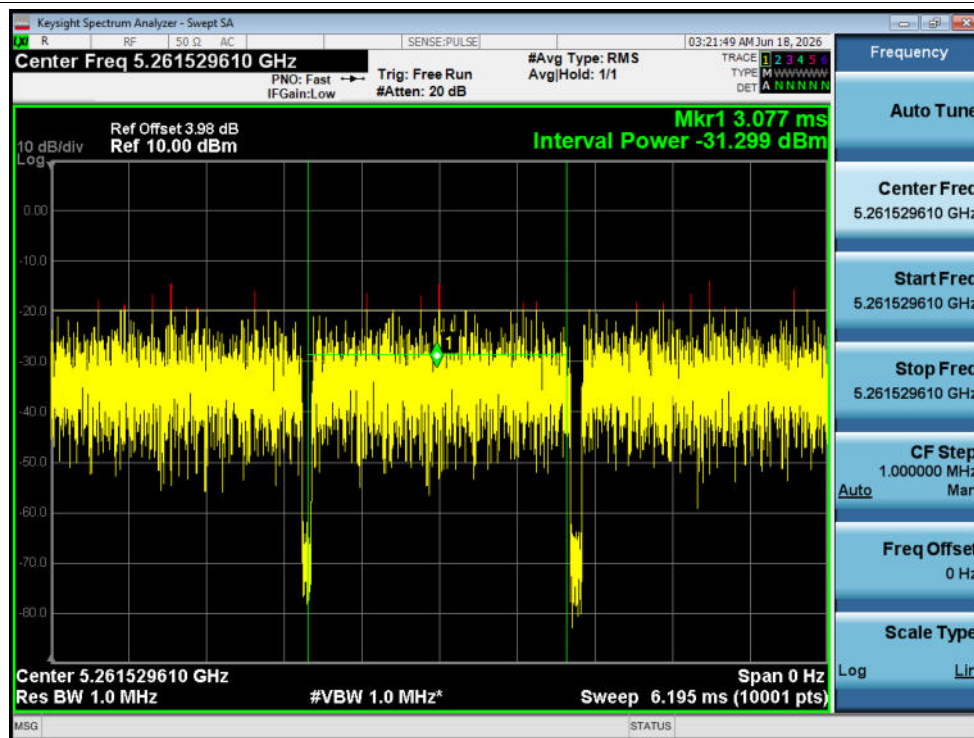
Tx. Spurious NVNT a 5240MHz Ant1 @ 5251MHz-5260MHz



Tx. Spurious NVNT a 5240MHz Ant1 @ 5251MHz-5260MHz Final



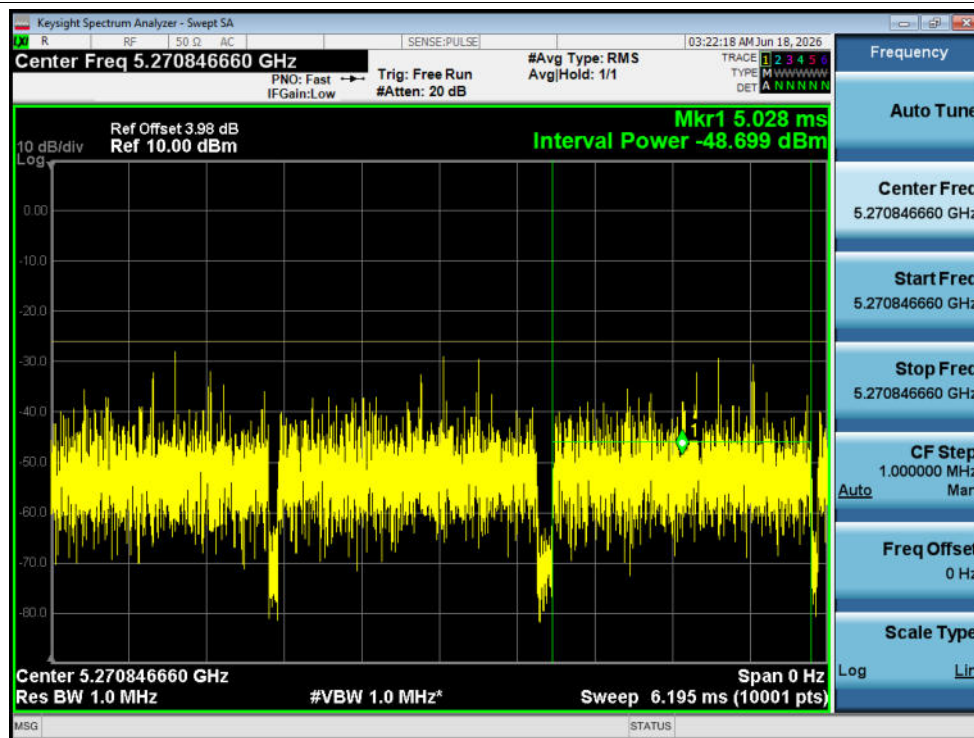
Tx. Spurious NVNT a 5240MHz Ant1 @ 5260MHz-5266.7MHz



Tx. Spurious NVNT a 5240MHz Ant1 @ 5260MHz-5266.7MHz Final



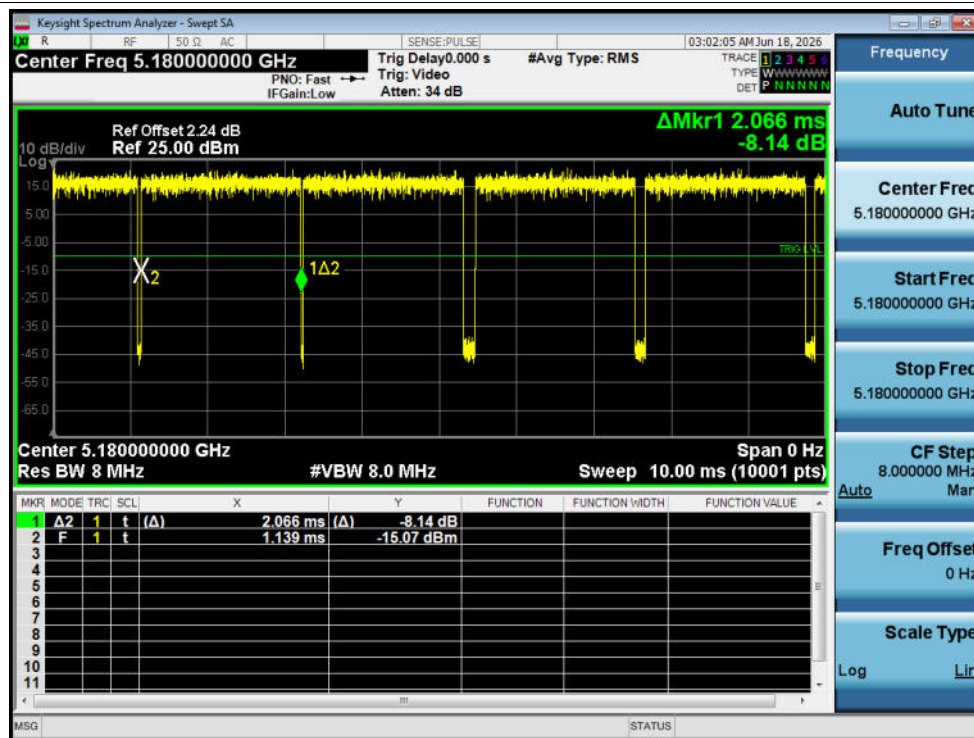
Tx. Spurious NVNT a 5240MHz Ant1 @ 5266.7MHz-26000MHz



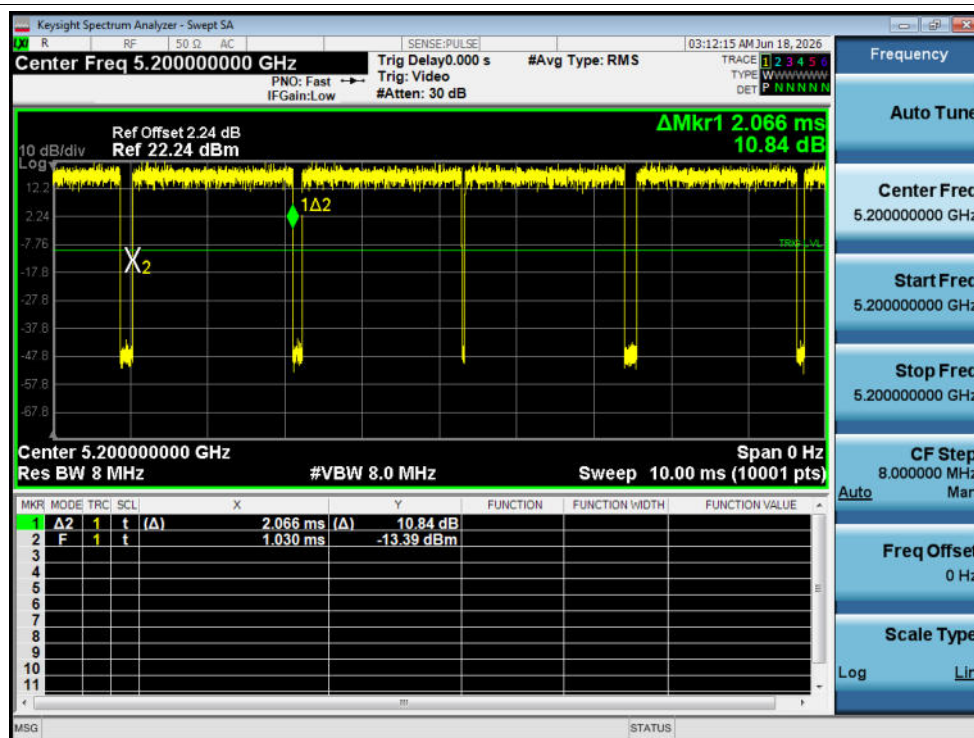
Tx. Spurious NVNT a 5240MHz Ant1 @ 5266.7MHz-26000MHz Final

Burst Length

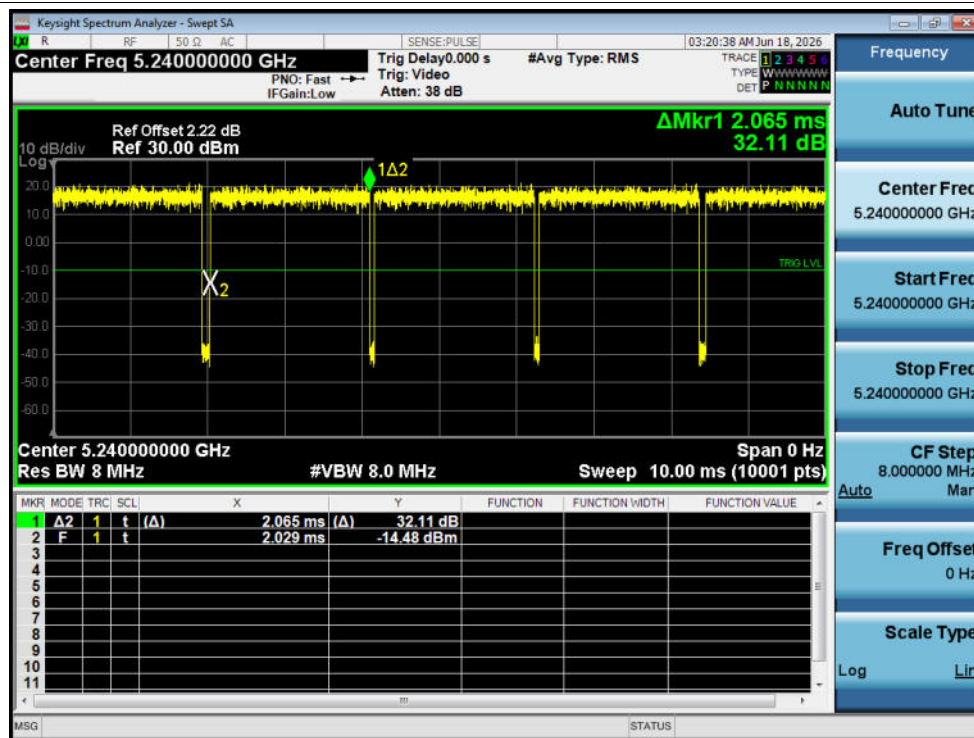
Condition	Mode	Frequency (MHz)	Antenna	Burst Length (ms)	Limit (ms)	Verdict
NVNT	a	5180	Ant1	2.066	8	Pass
NVNT	a	5200	Ant1	2.066	8	Pass
NVNT	a	5240	Ant1	2.065	8	Pass
NVNT	n20	5180	Ant1	1.921	8	Pass
NVNT	n20	5200	Ant1	1.922	8	Pass
NVNT	n20	5240	Ant1	1.922	8	Pass



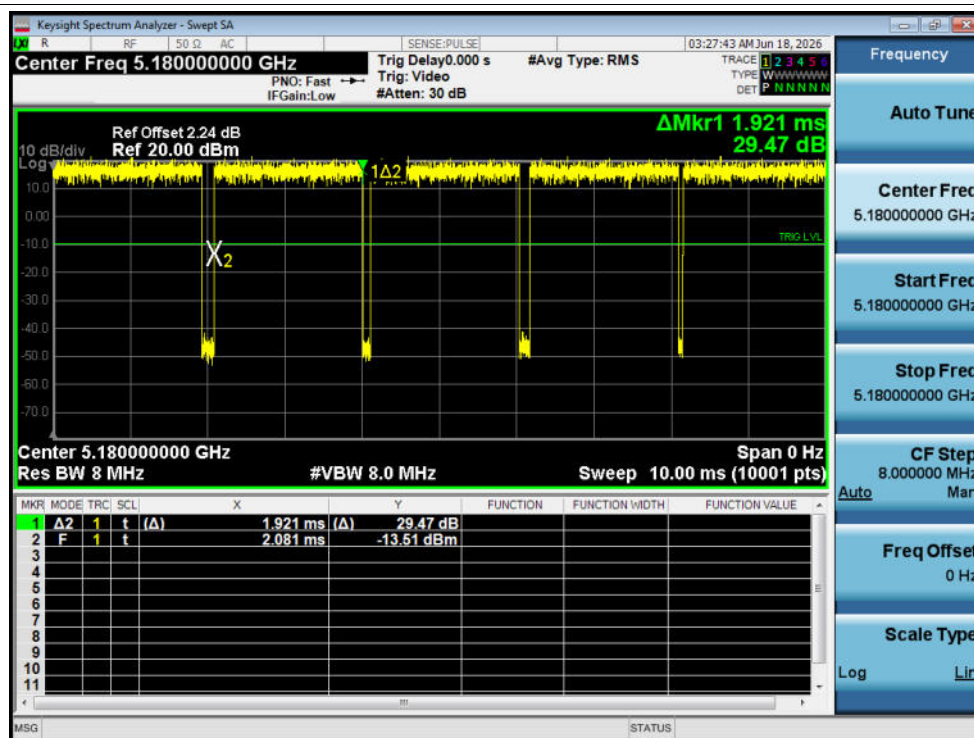
Burst Length NVNT a 5180MHz Ant1



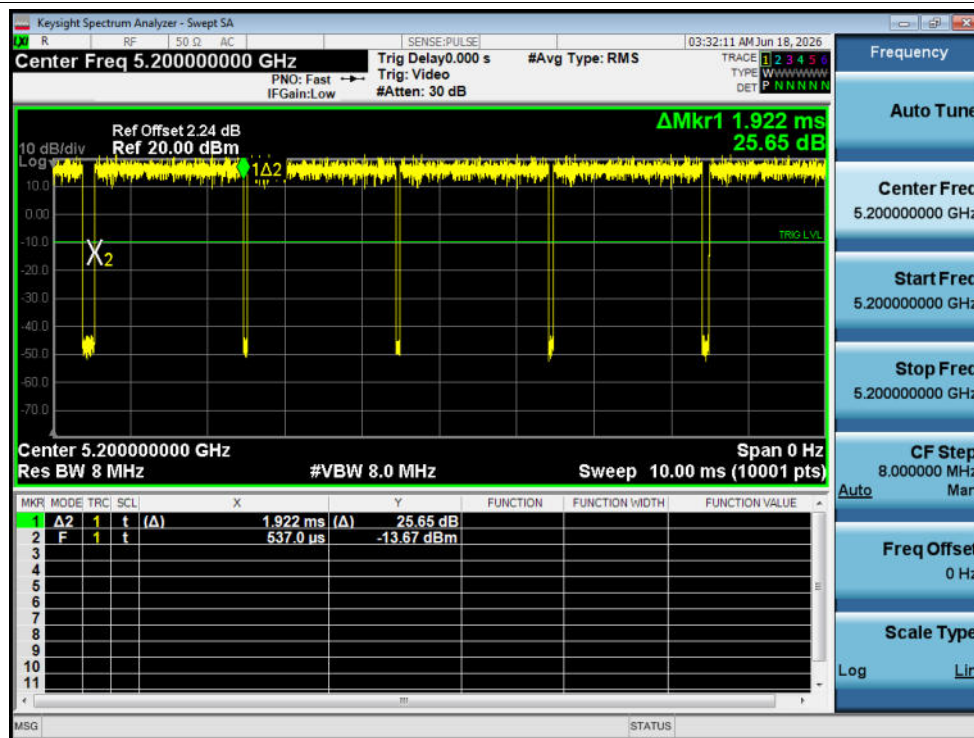
Burst Length NVNT a 5200MHz Ant1



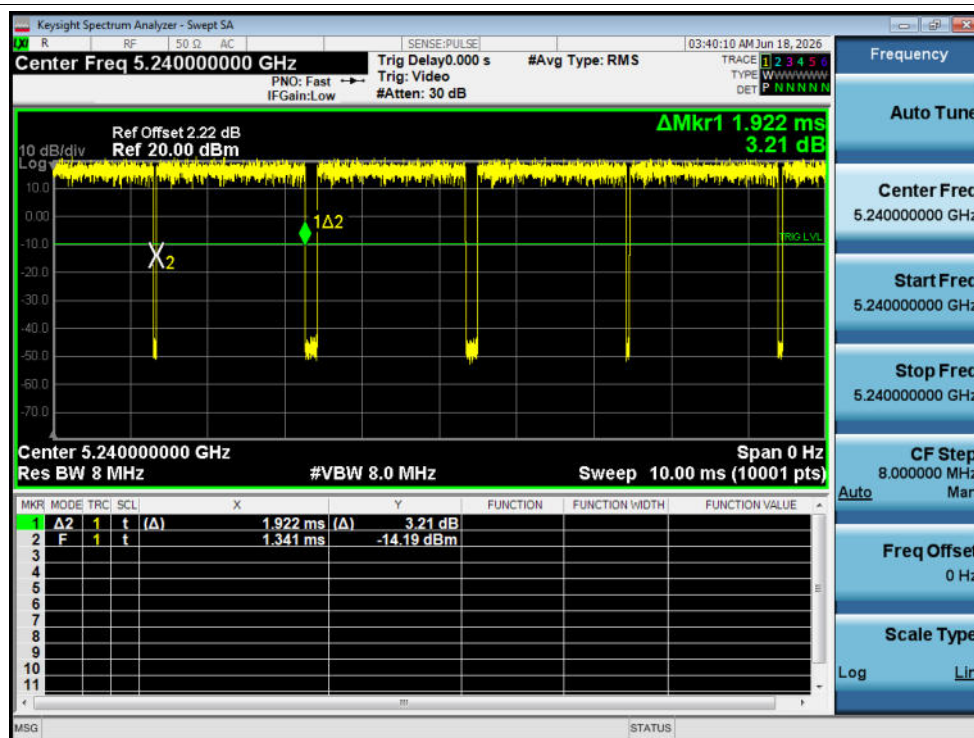
Burst Length NVNT a 5240MHz Ant1



Burst Length NVNT n20 5180MHz Ant1



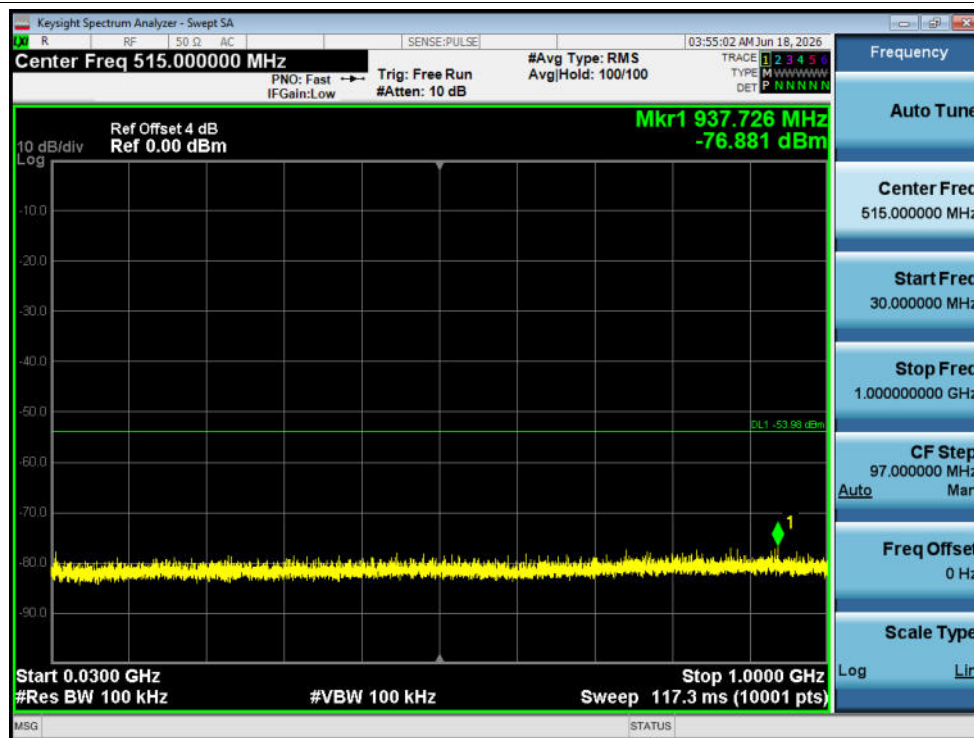
Burst Length NVNT n20 5200MHz Ant1



Burst Length NVNT n20 5240MHz Ant1

Rx Spurious Emission

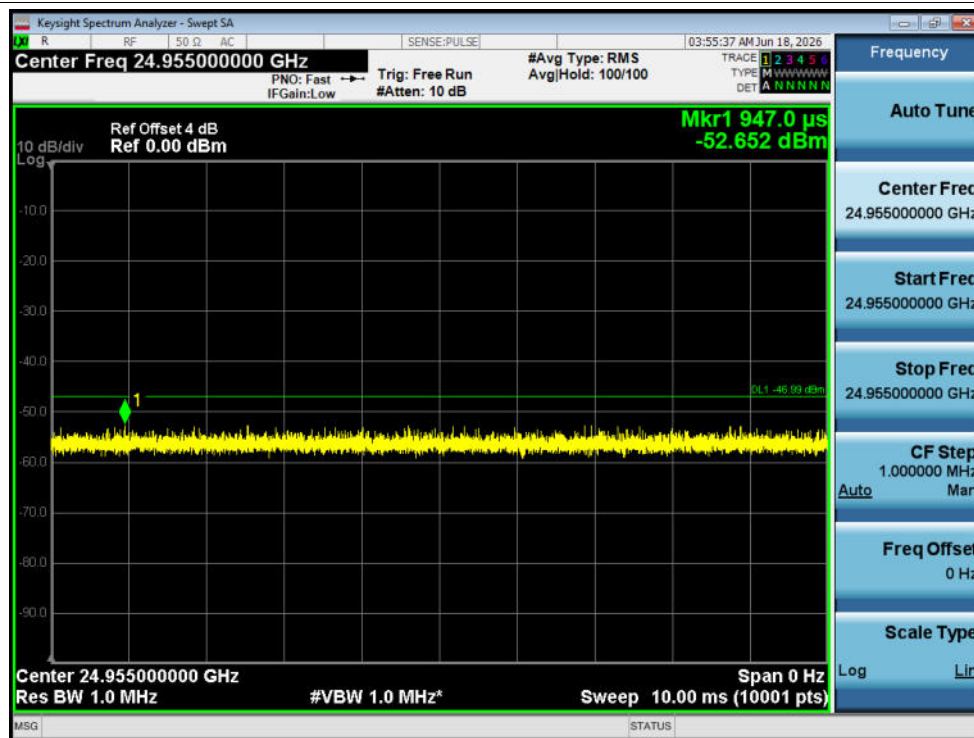
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	a	5180	Ant1	30-1000	937.73	-76.88	NA	0.0205	NA	4	Pass
NVNT	a	5180	Ant1	1000-26000	24955.00	-50.54	-52.65	8.8308	5.4325	20	Pass
NVNT	a	5200	Ant1	30-1000	954.80	-77.01	NA	0.0199	NA	4	Pass
NVNT	a	5200	Ant1	1000-26000	25672.50	-50.81	-51.88	8.2985	6.4863	20	Pass
NVNT	a	5240	Ant1	30-1000	789.61	-76.84	NA	0.0207	NA	4	Pass
NVNT	a	5240	Ant1	1000-26000	26000.00	-50.52	-51.14	8.8716	7.6913	20	Pass
NVNT	n20	5180	Ant1	30-1000	349.71	-77.39	NA	0.0182	NA	4	Pass
NVNT	n20	5180	Ant1	1000-26000	5742.50	-48.11	-49.05	15.4525	12.4451	20	Pass
NVNT	n20	5200	Ant1	30-1000	867.59	-77.47	NA	0.0179	NA	4	Pass
NVNT	n20	5200	Ant1	1000-26000	25525.00	-50.81	-51.95	8.2985	6.3826	20	Pass
NVNT	n20	5240	Ant1	30-1000	159.98	-77.15	NA	0.0193	NA	4	Pass
NVNT	n20	5240	Ant1	1000-26000	24775.00	-50.75	-52.13	8.414	6.1235	20	Pass



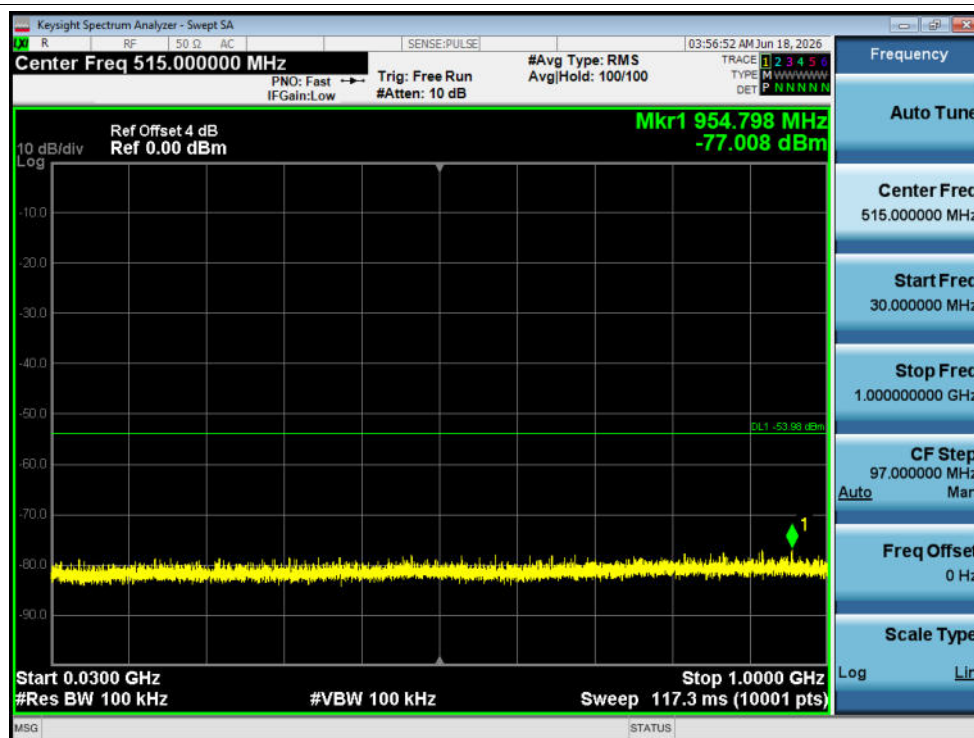
Rx. Spurious NVNT a 5180MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT a 5180MHz Ant1 @ 1000MHz-26000MHz



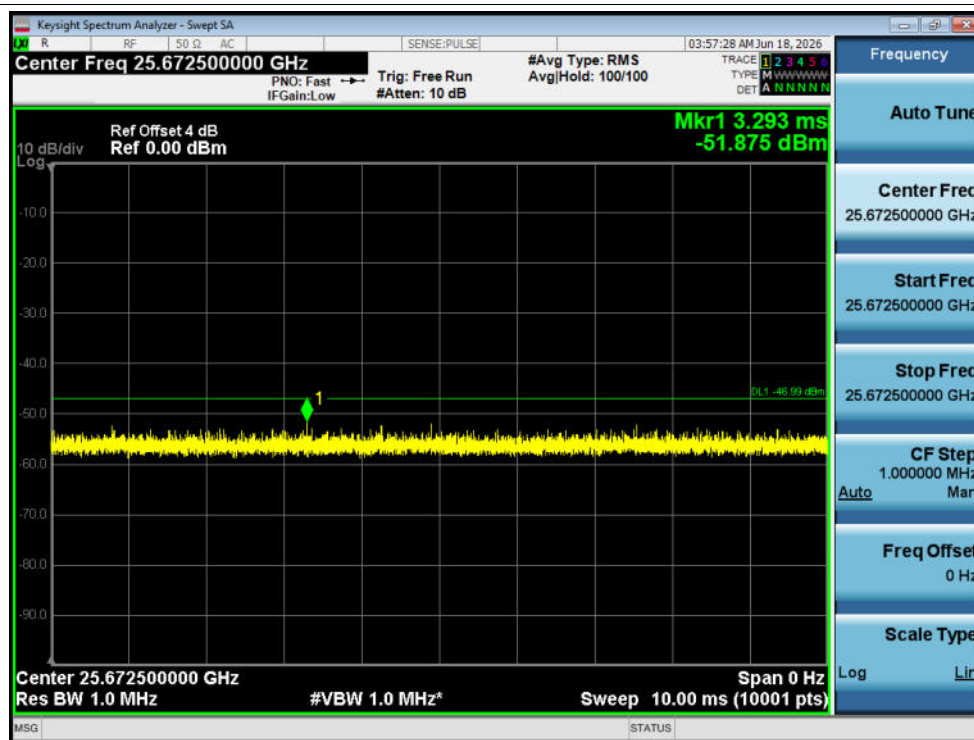
Rx. Spurious NVNT a 5180MHz Ant1 @ 1000MHz-26000MHz Final



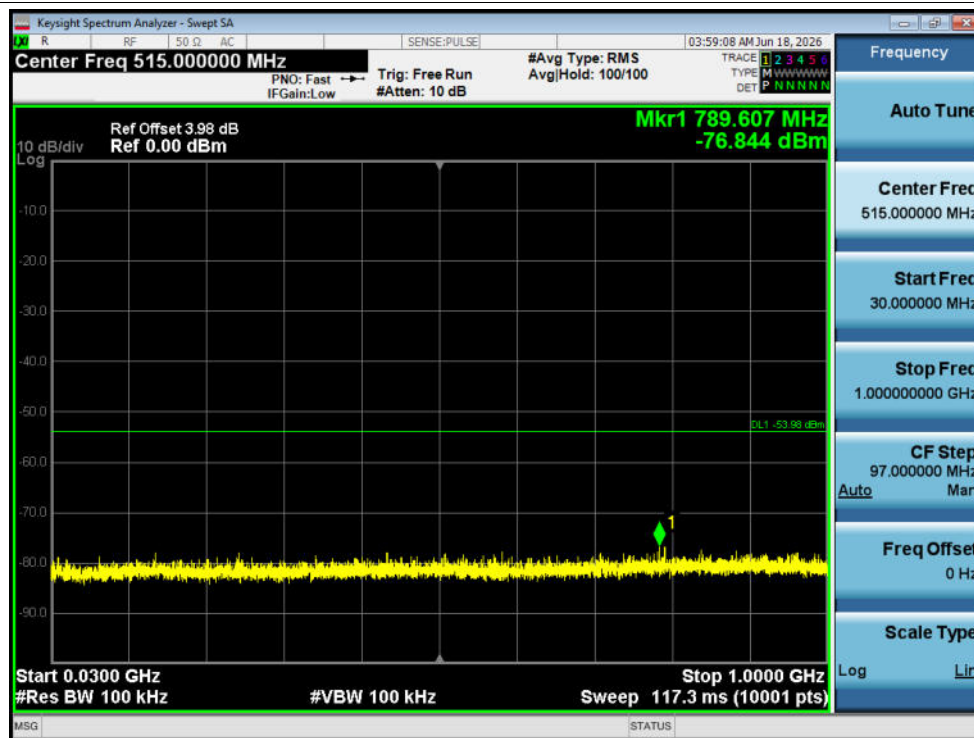
Rx. Spurious NVNT a 5200MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT a 5200MHz Ant1 @ 1000MHz-26000MHz



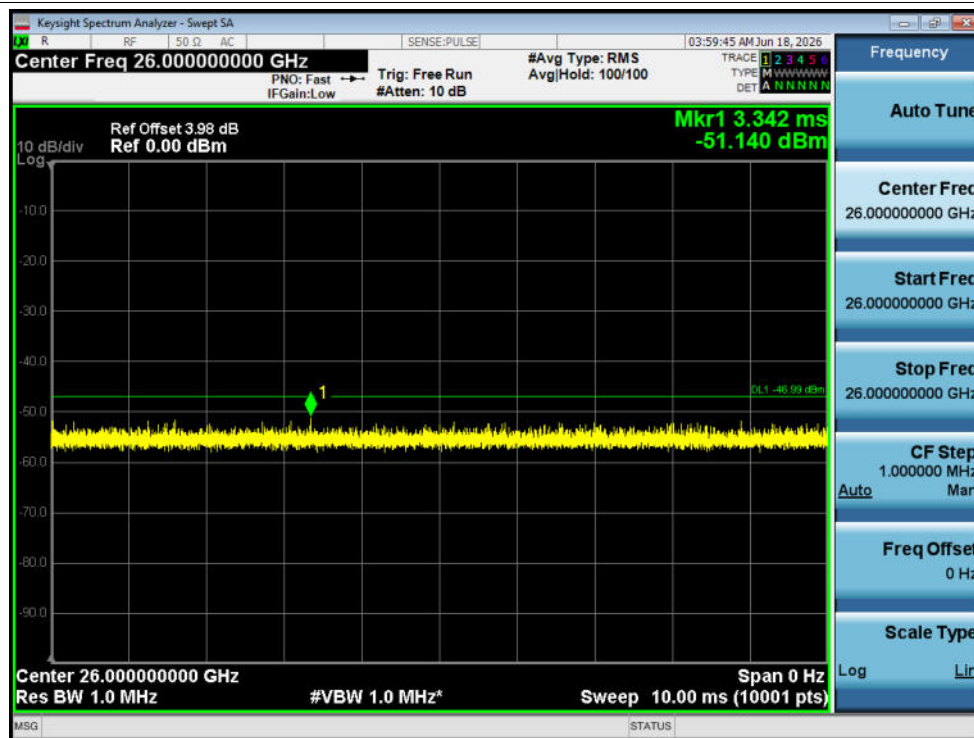
Rx. Spurious NVNT a 5200MHz Ant1 @ 1000MHz-26000MHz Final



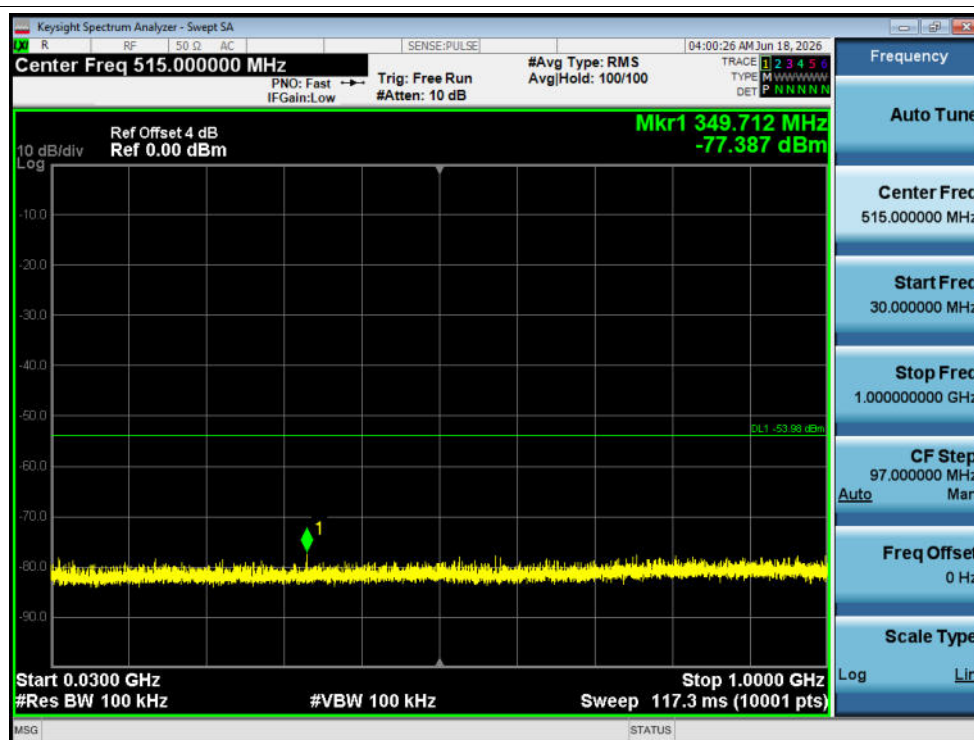
Rx. Spurious NVNT a 5240MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT a 5240MHz Ant1 @ 1000MHz-26000MHz



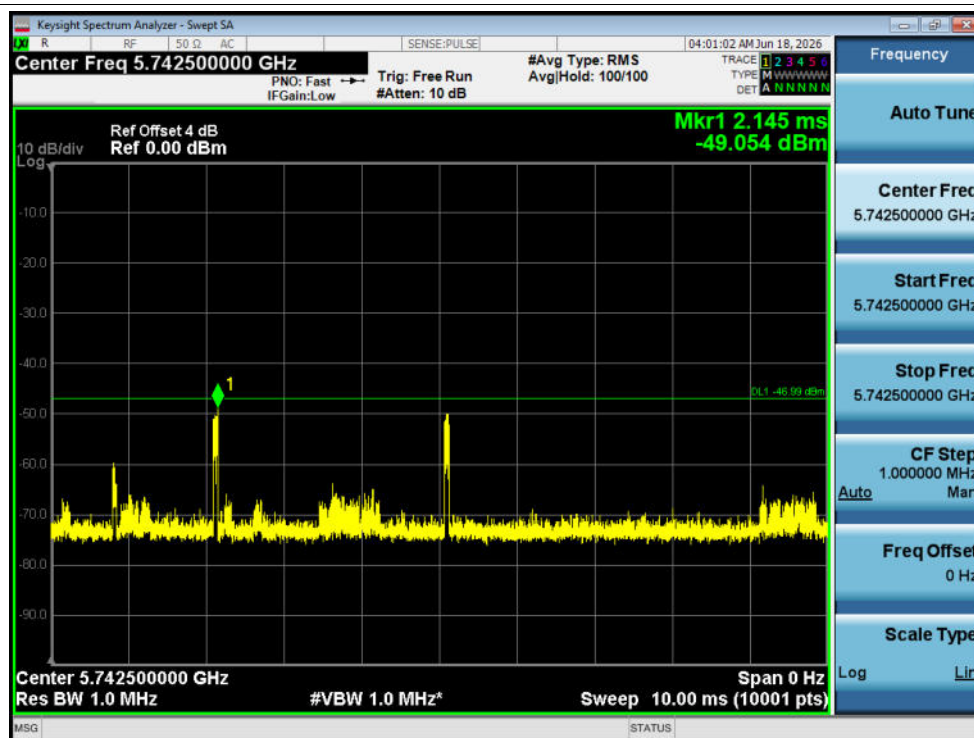
Rx. Spurious NVNT a 5240MHz Ant1 @ 1000MHz-26000MHz Final



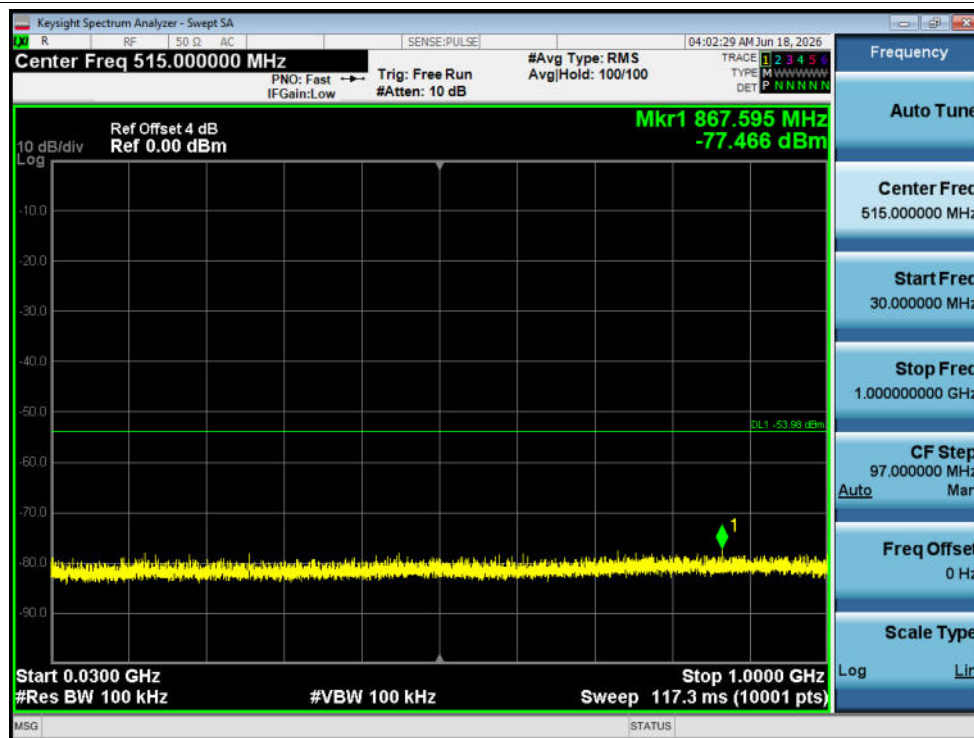
Rx. Spurious NVNT n20 5180MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT n20 5180MHz Ant1 @ 1000MHz-26000MHz



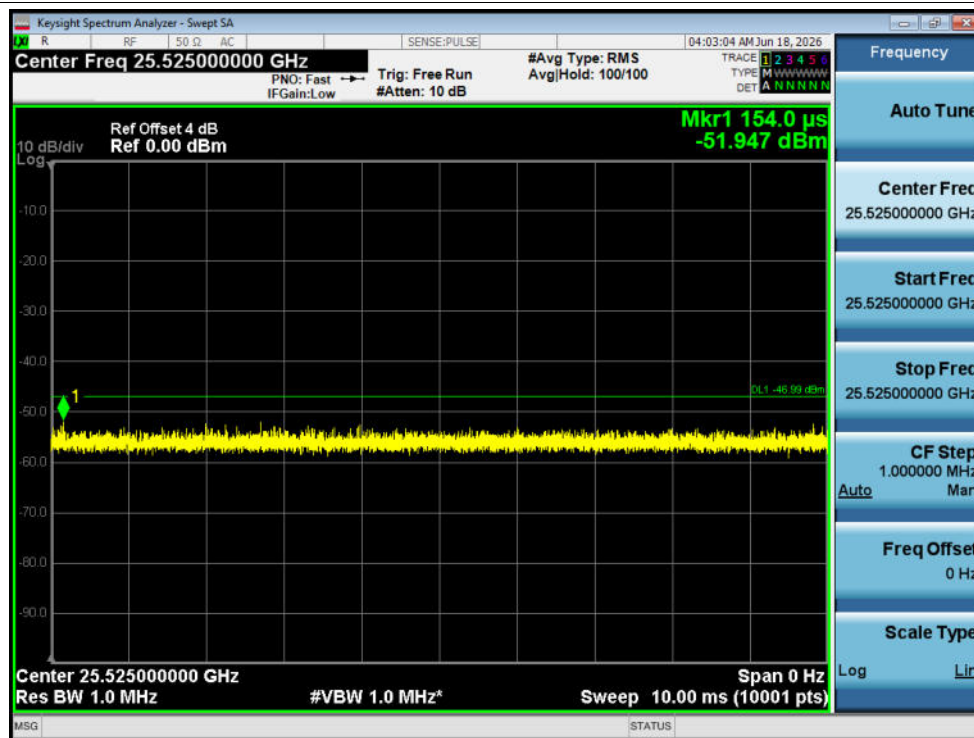
Rx. Spurious NVNT n20 5180MHz Ant1 @ 1000MHz-26000MHz Final



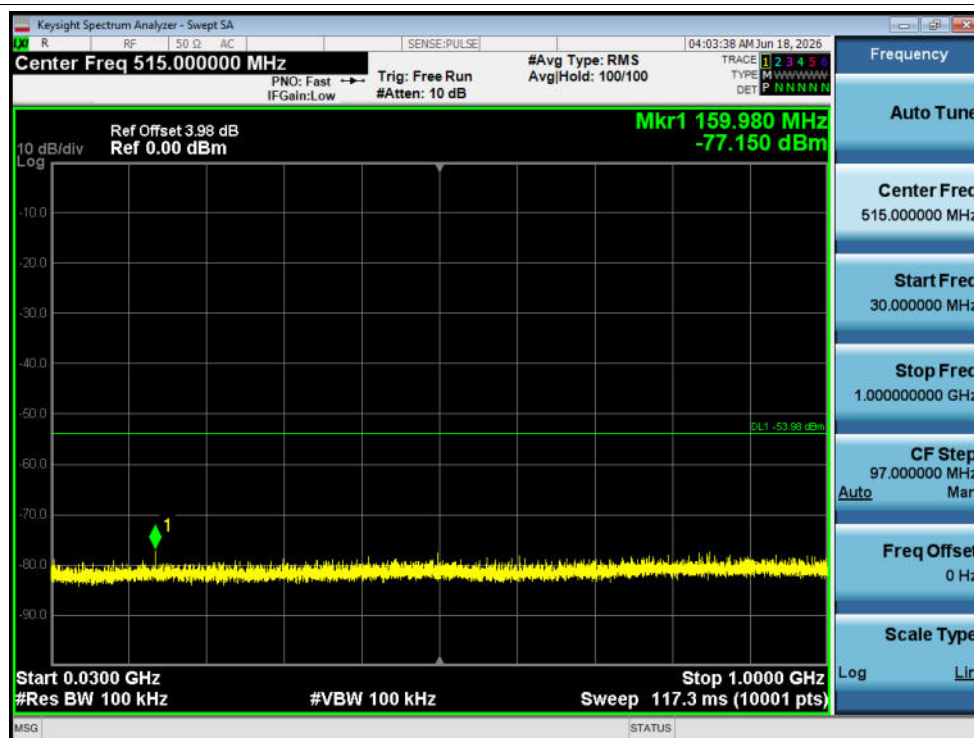
Rx. Spurious NVNT n20 5200MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT n20 5200MHz Ant1 @ 1000MHz-26000MHz



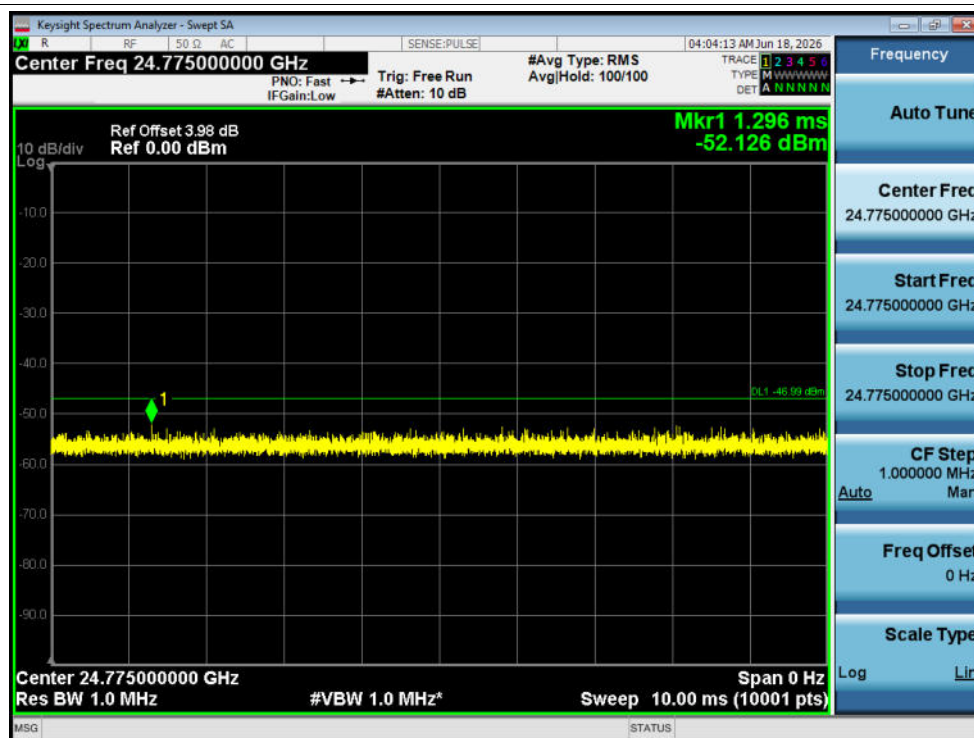
Rx. Spurious NVNT n20 5200MHz Ant1 @ 1000MHz-26000MHz Final



Rx. Spurious NVNT n20 5240MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT n20 5240MHz Ant1 @ 1000MHz-26000MHz



Rx. Spurious NVNT n20 5240MHz Ant1 @ 1000MHz-26000MHz Final

Adjacent Channel Emitted Power

Condition	Mode	Frequency (MHz)	Antenna	Offset (MHz)	Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-20	-26.01	-25	Pass
NVNT	a	5180	Ant1	-40	-49.15	-40	Pass
NVNT	a	5180	Ant1	20	-25.18	-25	Pass
NVNT	a	5180	Ant1	40	-50.24	-40	Pass
NVNT	a	5200	Ant1	-20	-26.85	-25	Pass
NVNT	a	5200	Ant1	-40	-50.98	-40	Pass
NVNT	a	5200	Ant1	20	-25.12	-25	Pass
NVNT	a	5200	Ant1	40	-50.56	-40	Pass
NVNT	a	5240	Ant1	-20	-26.63	-25	Pass
NVNT	a	5240	Ant1	-40	-50.74	-40	Pass
NVNT	a	5240	Ant1	20	-25.66	-25	Pass
NVNT	a	5240	Ant1	40	-51.06	-40	Pass



ACEP NVNT a 5180MHz Ant1



ACEP NVNT a 5200MHz Ant1



ACEP NVNT a 5240MHz Ant1