

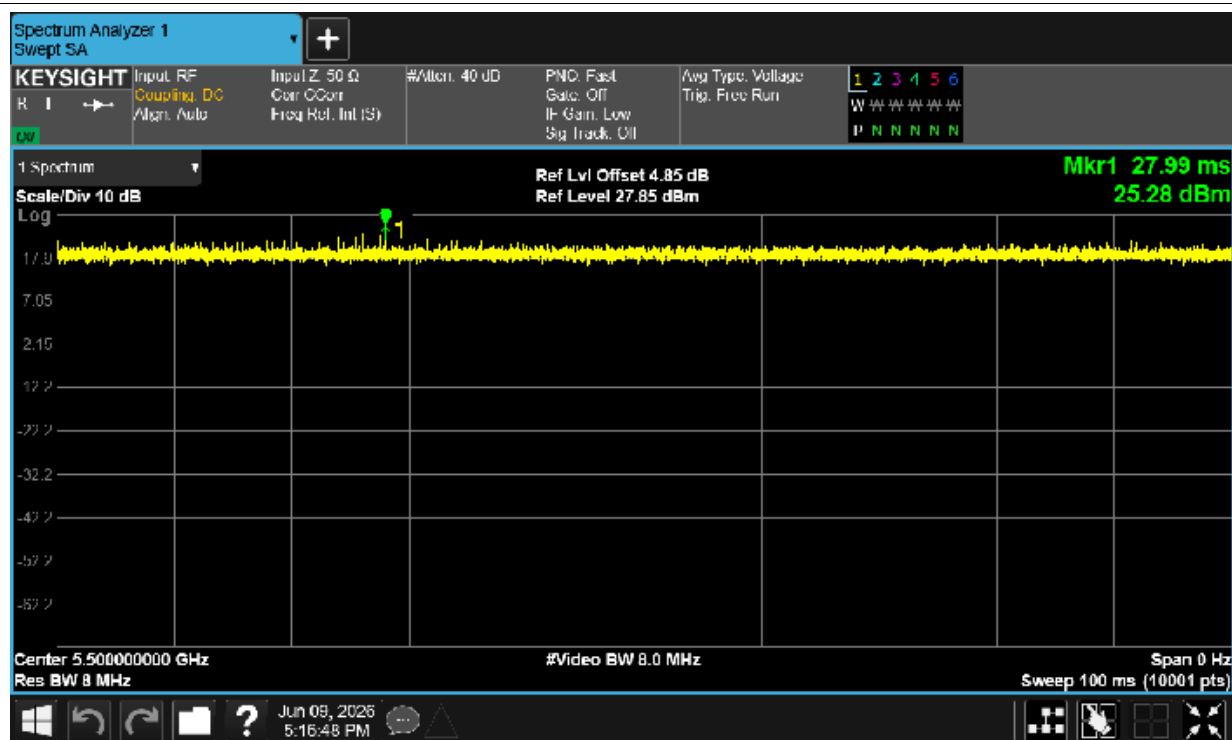
Test Data

Duty Cycle

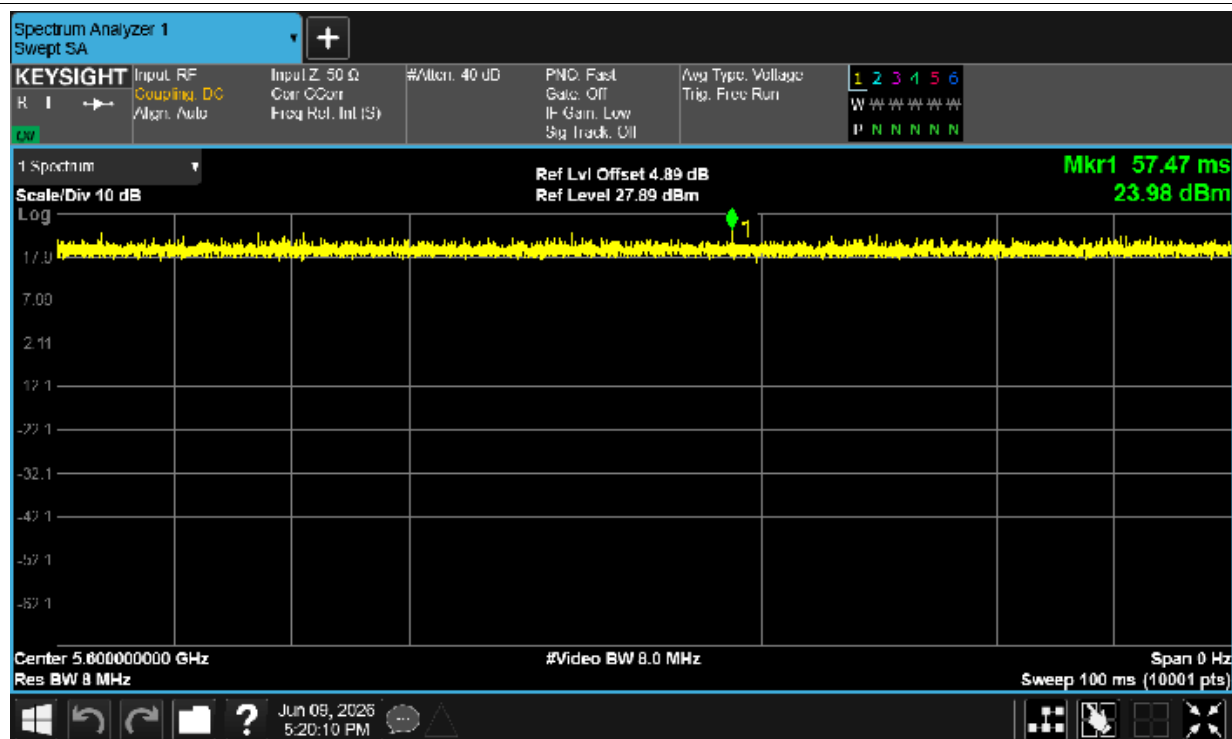
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	100	0
NVNT	a	5600	Ant1	100	0
NVNT	a	5700	Ant1	100	0
NVNT	a	5500	Ant2	100	0
NVNT	a	5600	Ant2	100	0
NVNT	a	5700	Ant2	100	0
NVNT	ac20	5500	Sum	100	0
NVNT	ac20	5600	Sum	100	0
NVNT	ac20	5700	Sum	100	0
NVNT	ac40	5510	Sum	100	0
NVNT	ac40	5590	Sum	100	0
NVNT	ac40	5670	Sum	100	0
NVNT	ac80	5530	Sum	100	0
NVNT	ac80	5610	Sum	100	0
NVNT	n20	5500	Sum	100	0
NVNT	n20	5600	Sum	100	0
NVNT	n20	5700	Sum	100	0
NVNT	n40	5510	Sum	100	0
NVNT	n40	5590	Sum	100	0
NVNT	n40	5670	Sum	100	0

Test Graphs

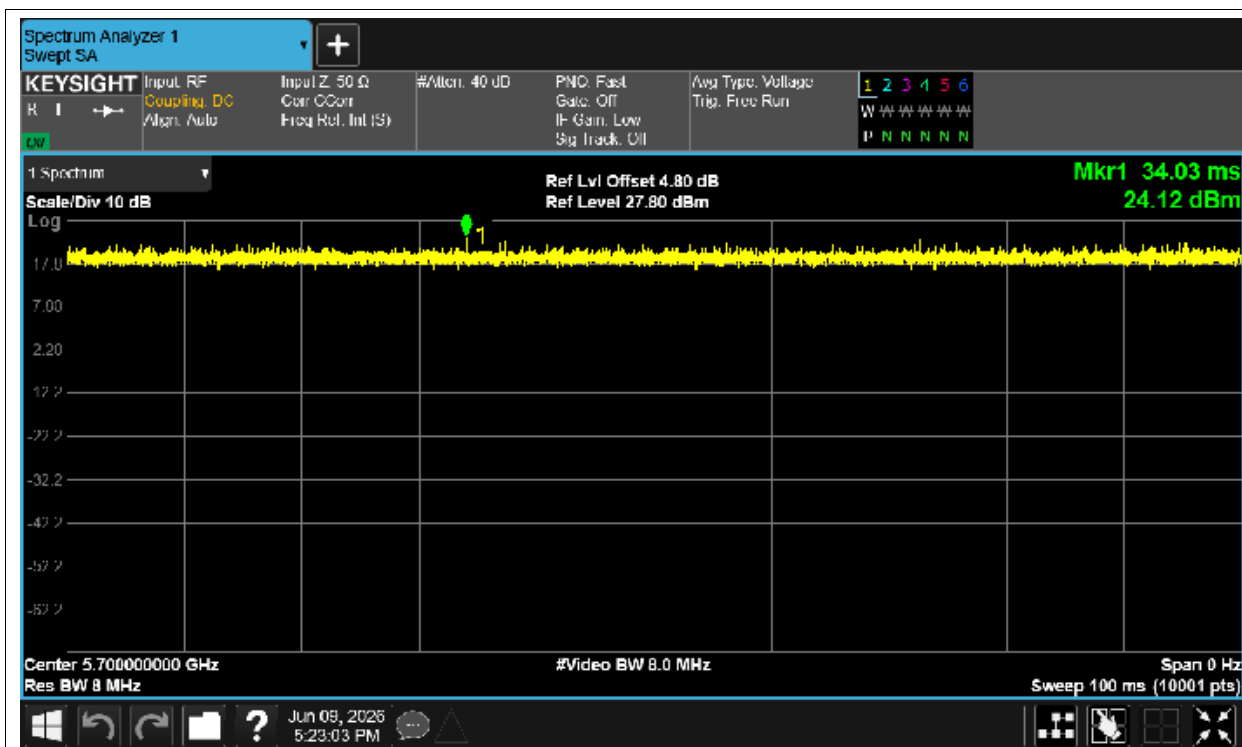
Duty Cycle NVNT a 5500MHz Ant1



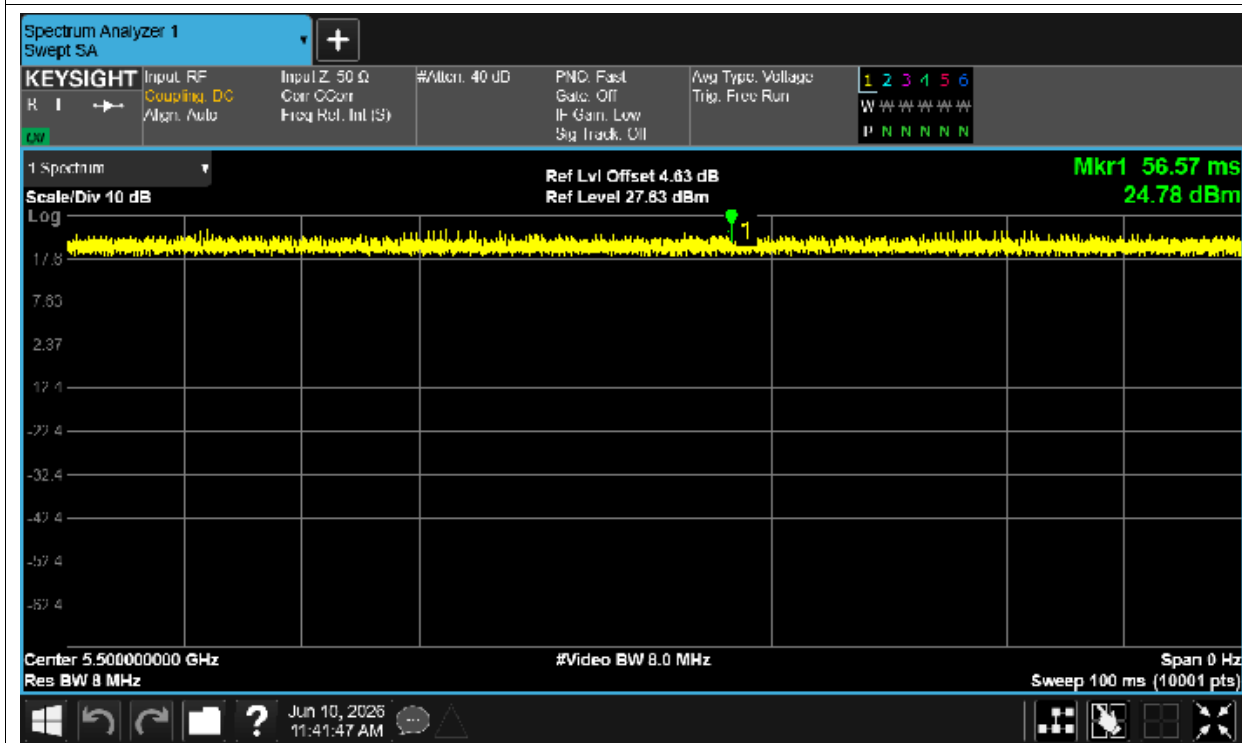
Duty Cycle NVNT a 5600MHz Ant1



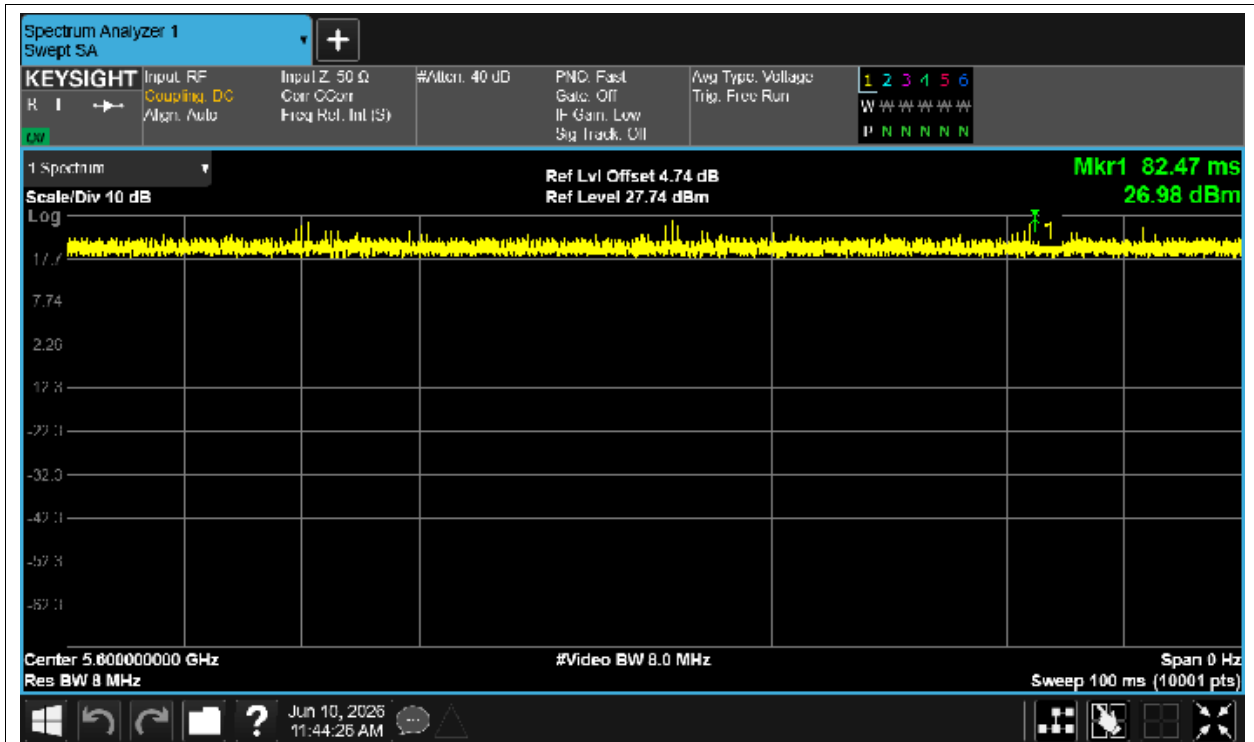
Duty Cycle NVNT a 5700MHz Ant1



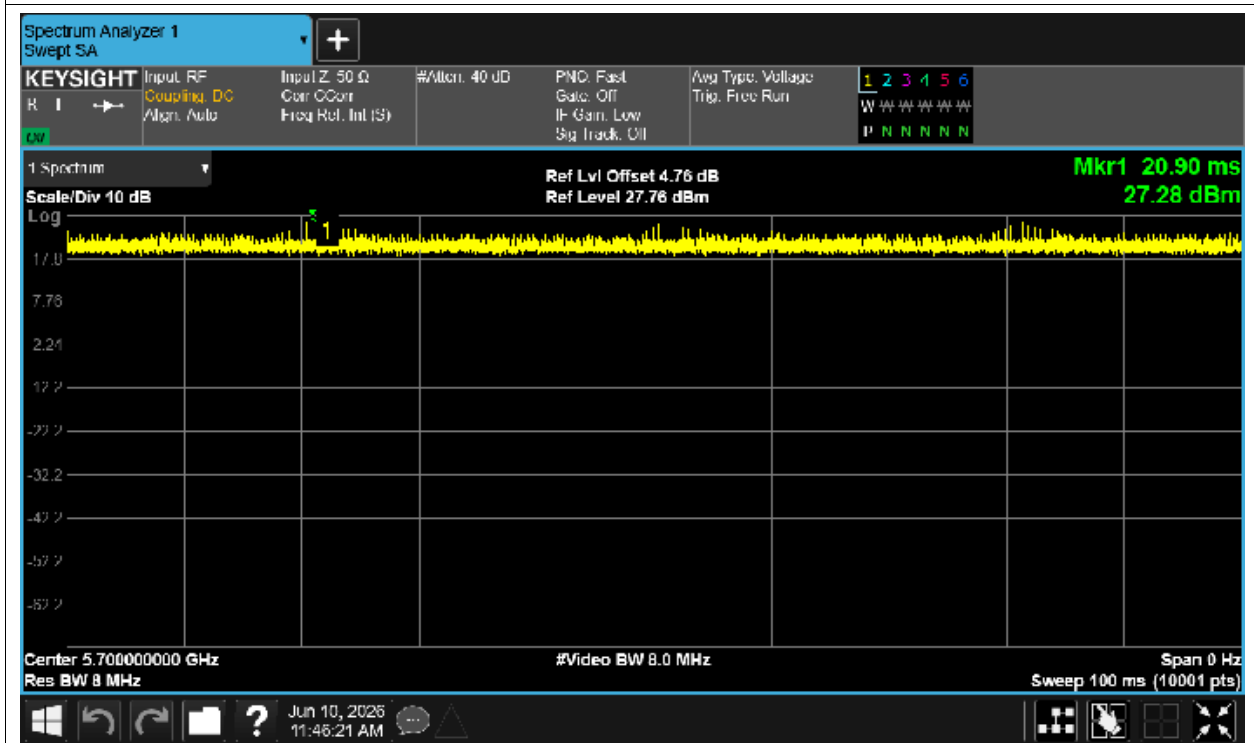
Duty Cycle NVNT a 5500MHz Ant2



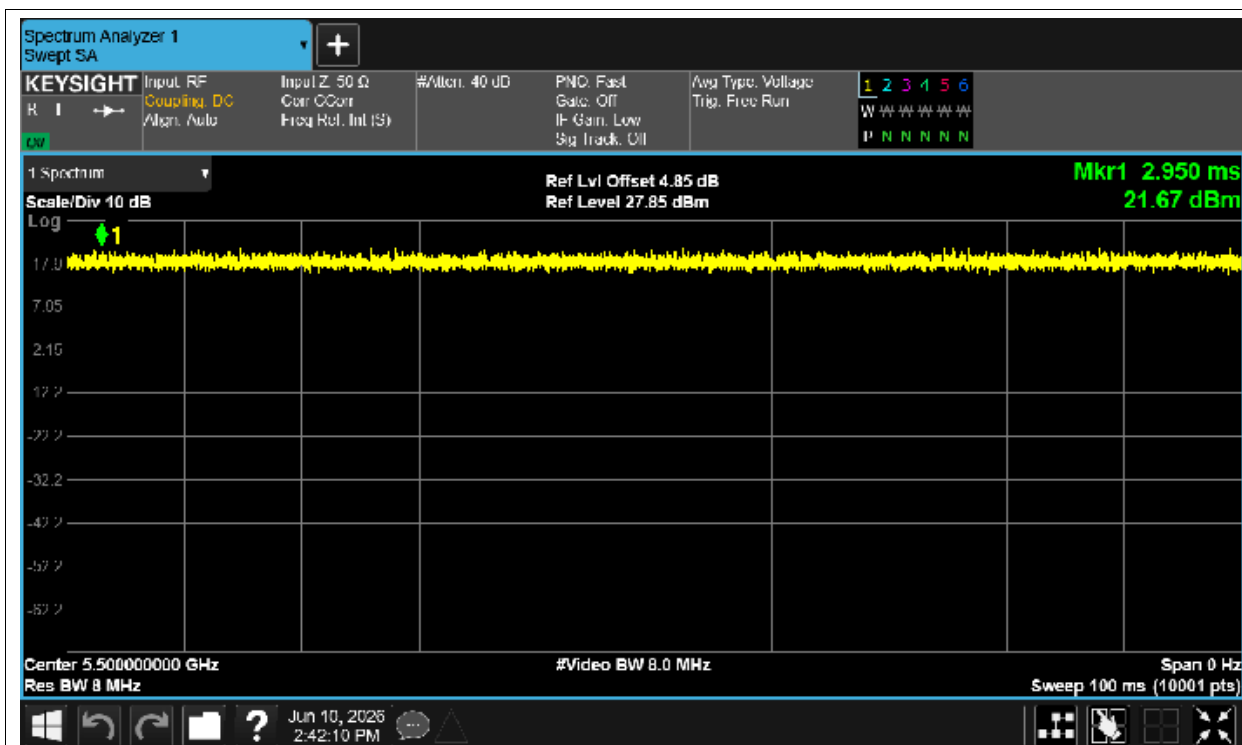
Duty Cycle NVNT a 5600MHz Ant2



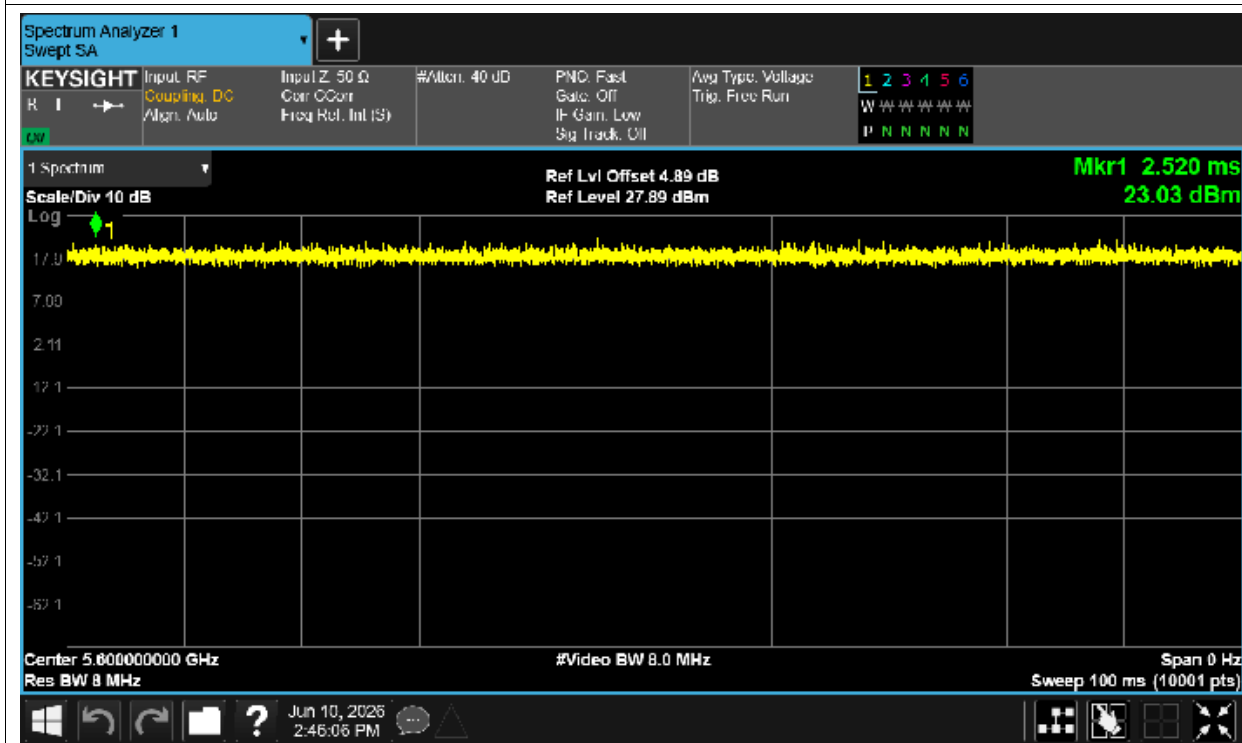
Duty Cycle NVNT a 5700MHz Ant2



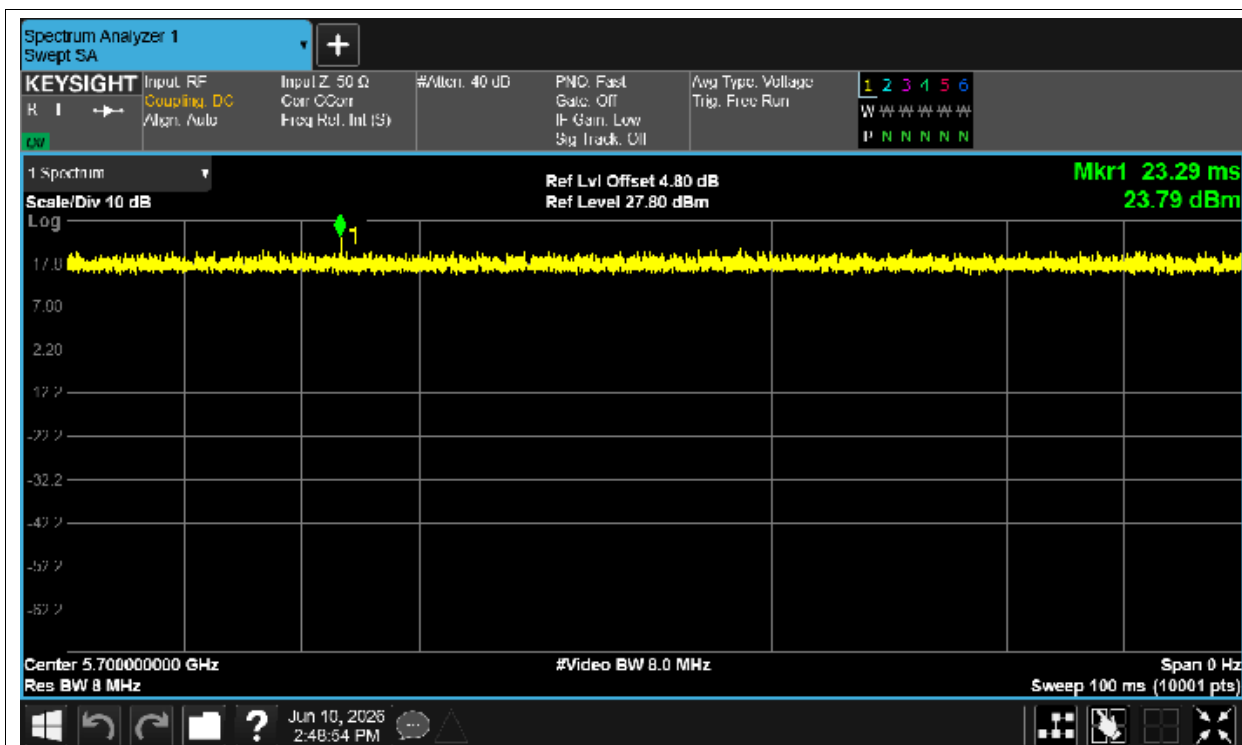
Duty Cycle NVNT ac20 5500MHz Sum



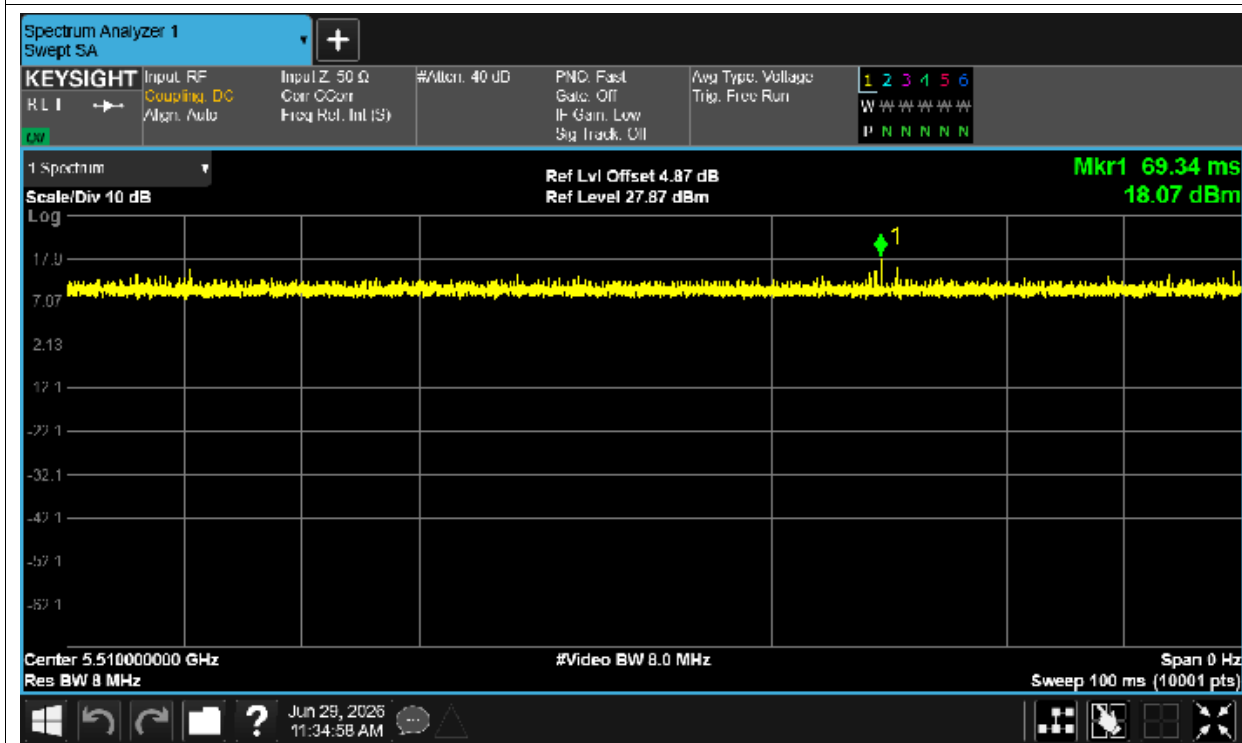
Duty Cycle NVNT ac20 5600MHz Sum



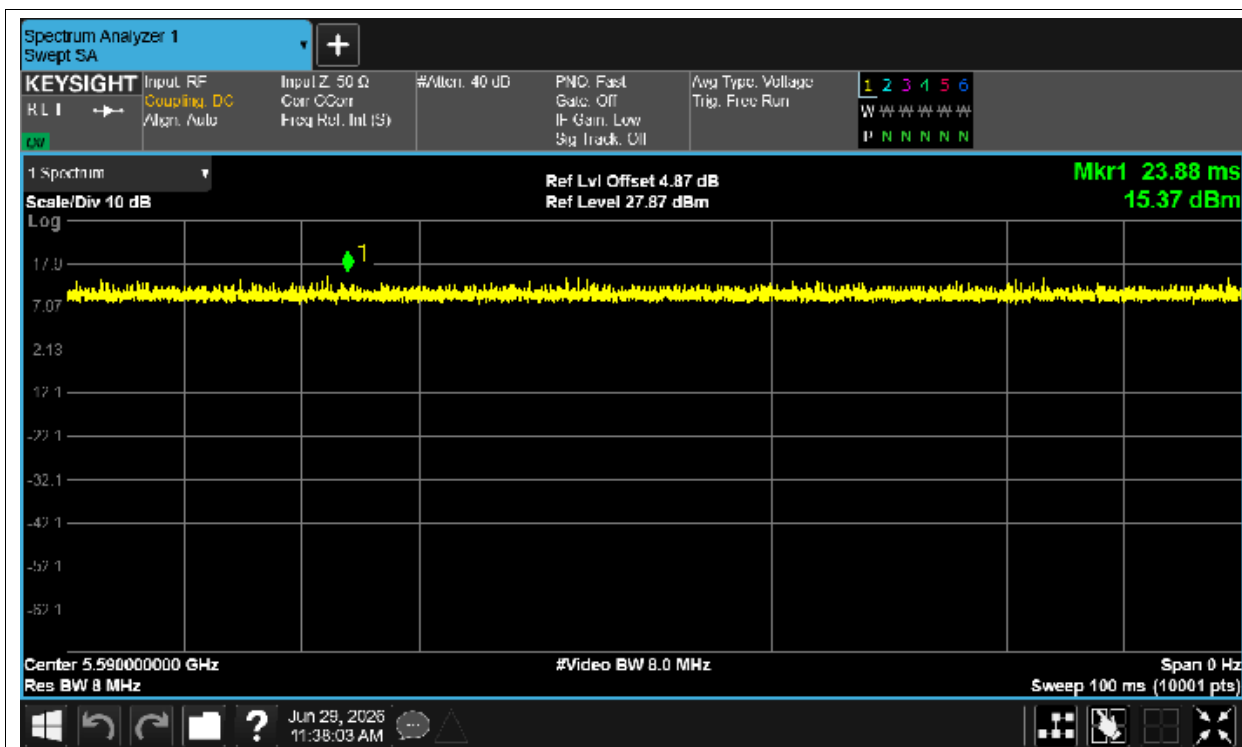
Duty Cycle NVNT ac20 5700MHz Sum



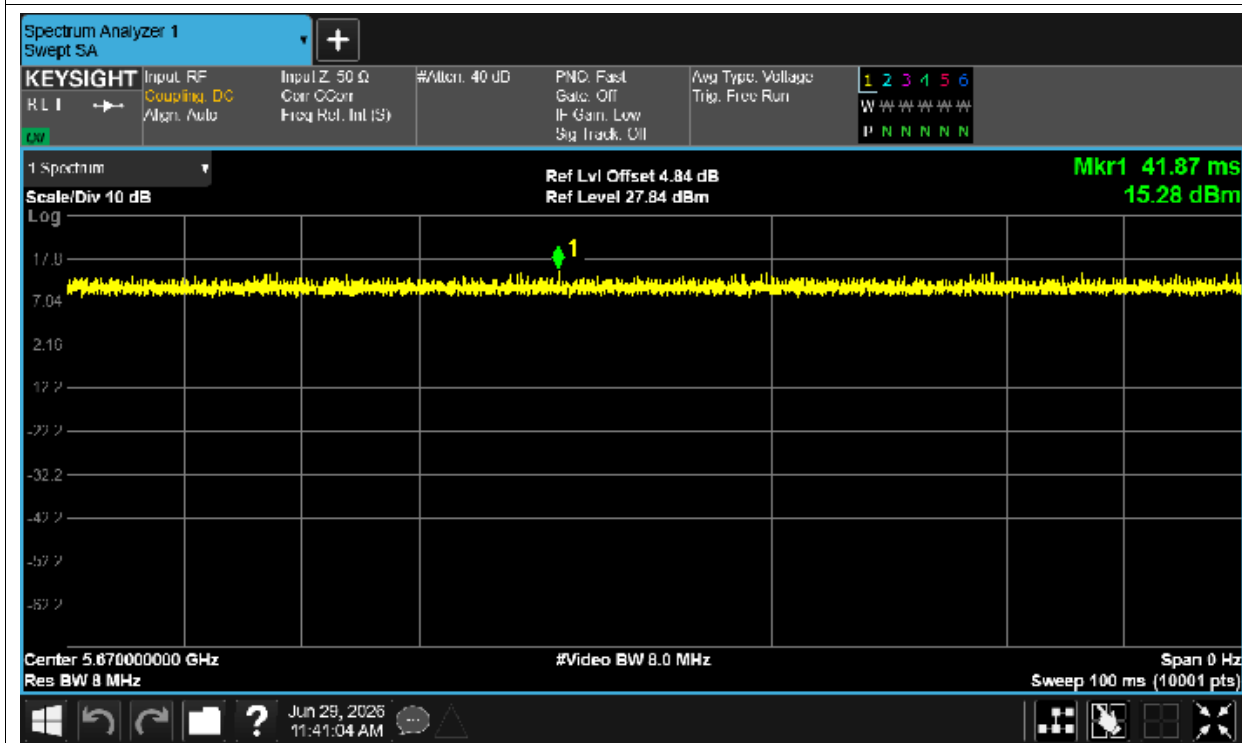
Duty Cycle NVNT ac40 5510MHz Sum



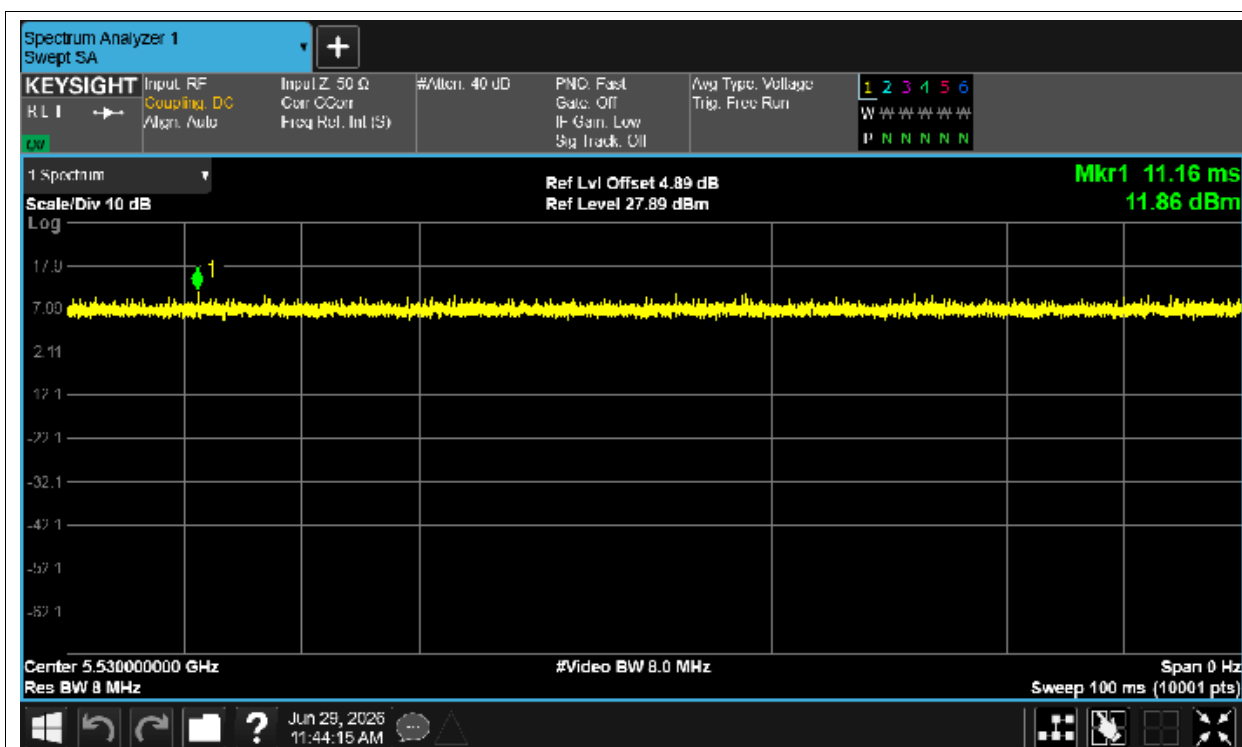
Duty Cycle NVNT ac40 5590MHz Sum



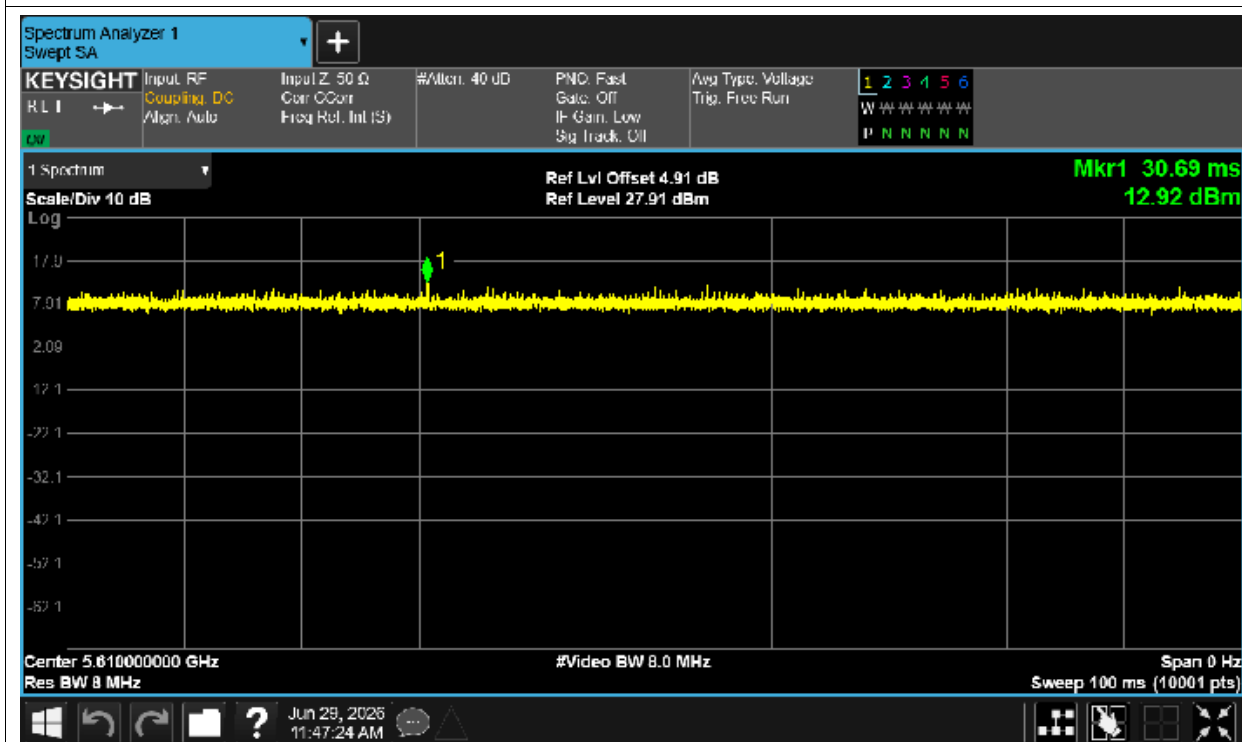
Duty Cycle NVNT ac40 5670MHz Sum



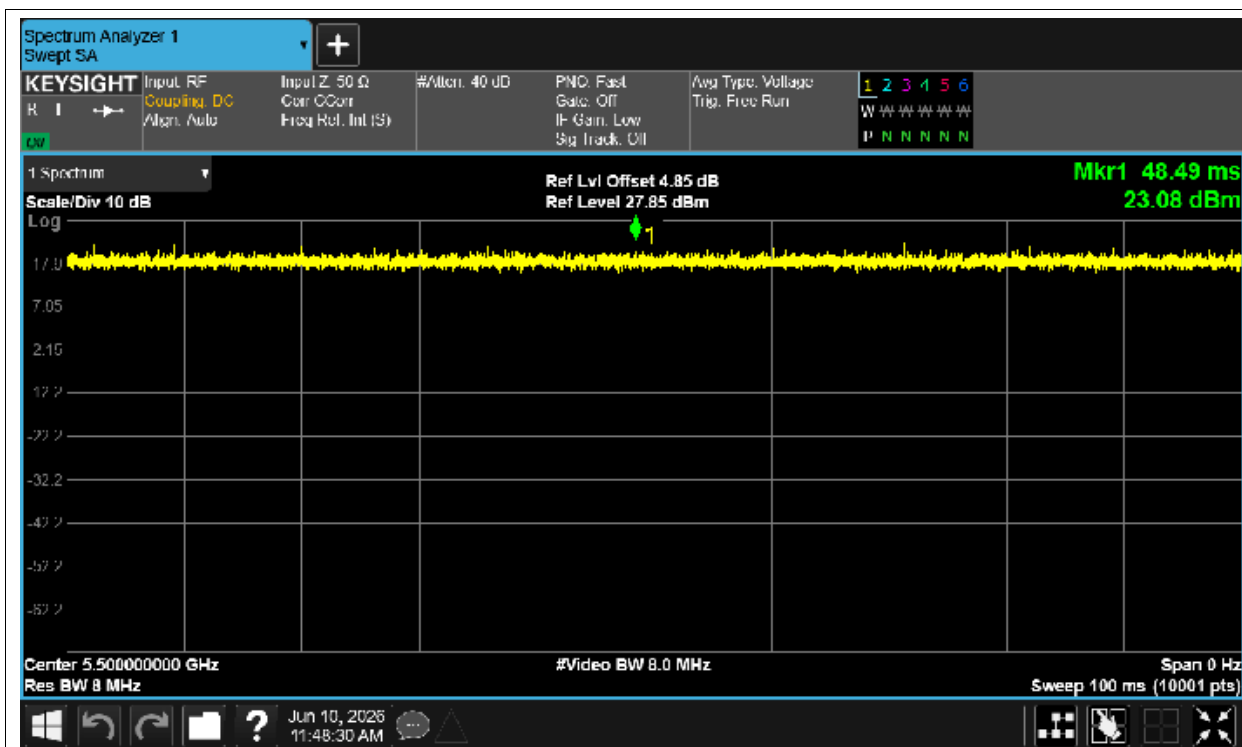
Duty Cycle NVNT ac80 5530MHz Sum



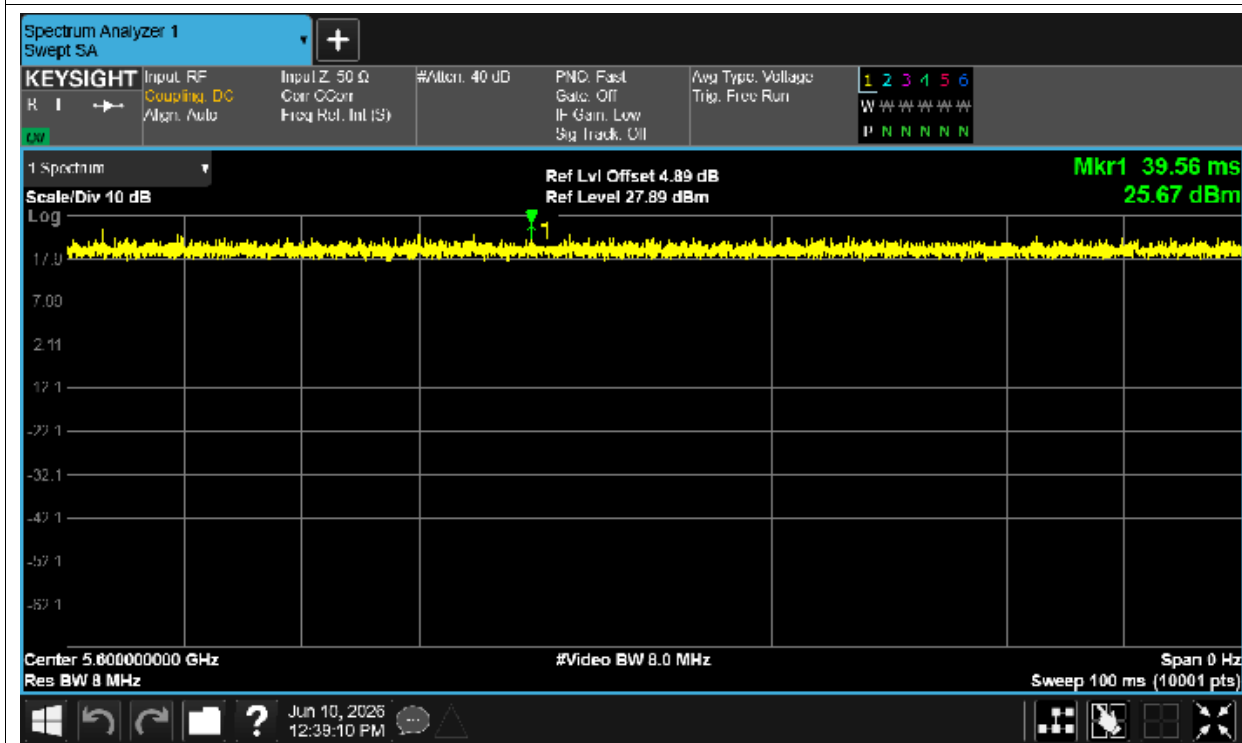
Duty Cycle NVNT ac80 5610MHz Sum



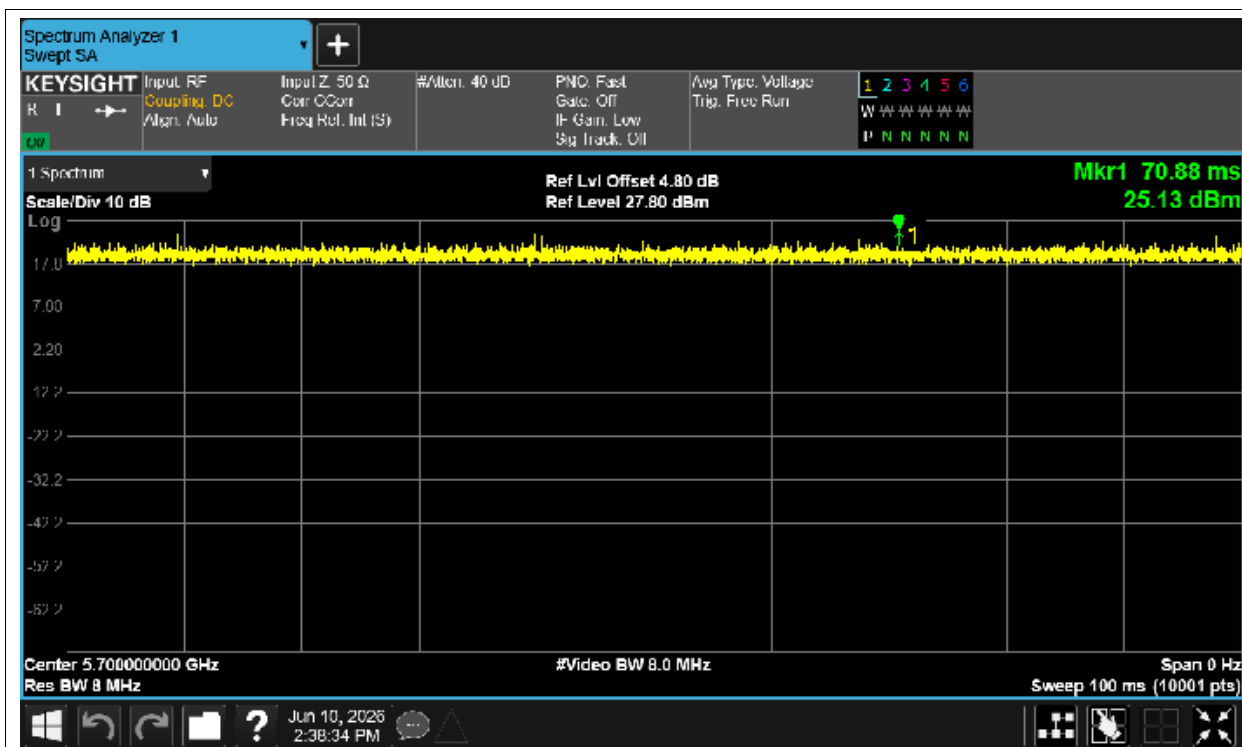
Duty Cycle NVNT n20 5500MHz Sum



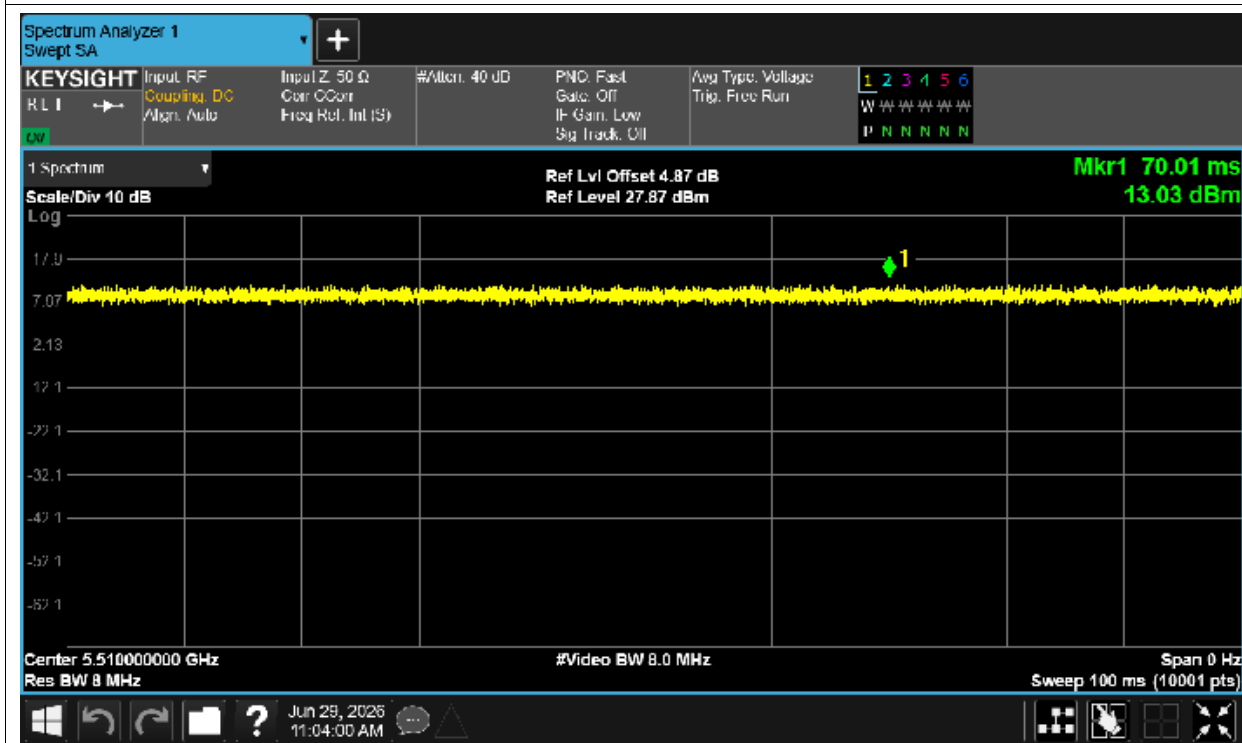
Duty Cycle NVNT n20 5600MHz Sum



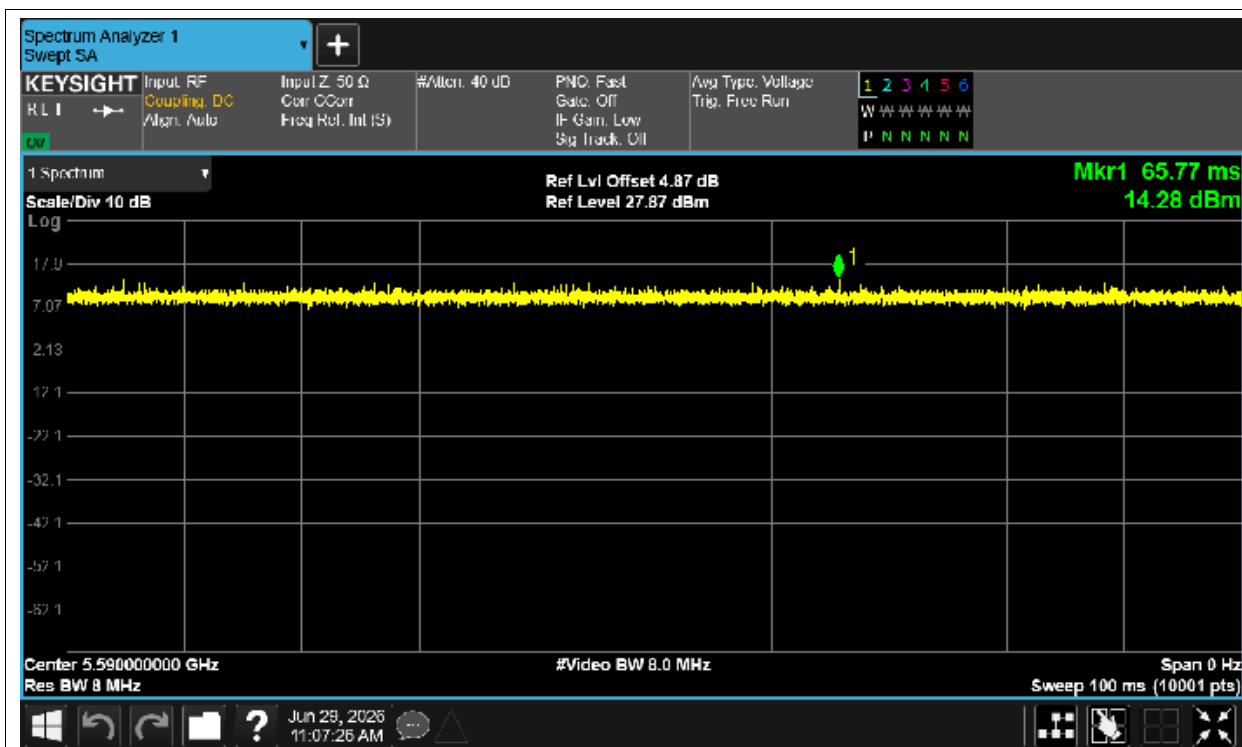
Duty Cycle NVNT n20 5700MHz Sum



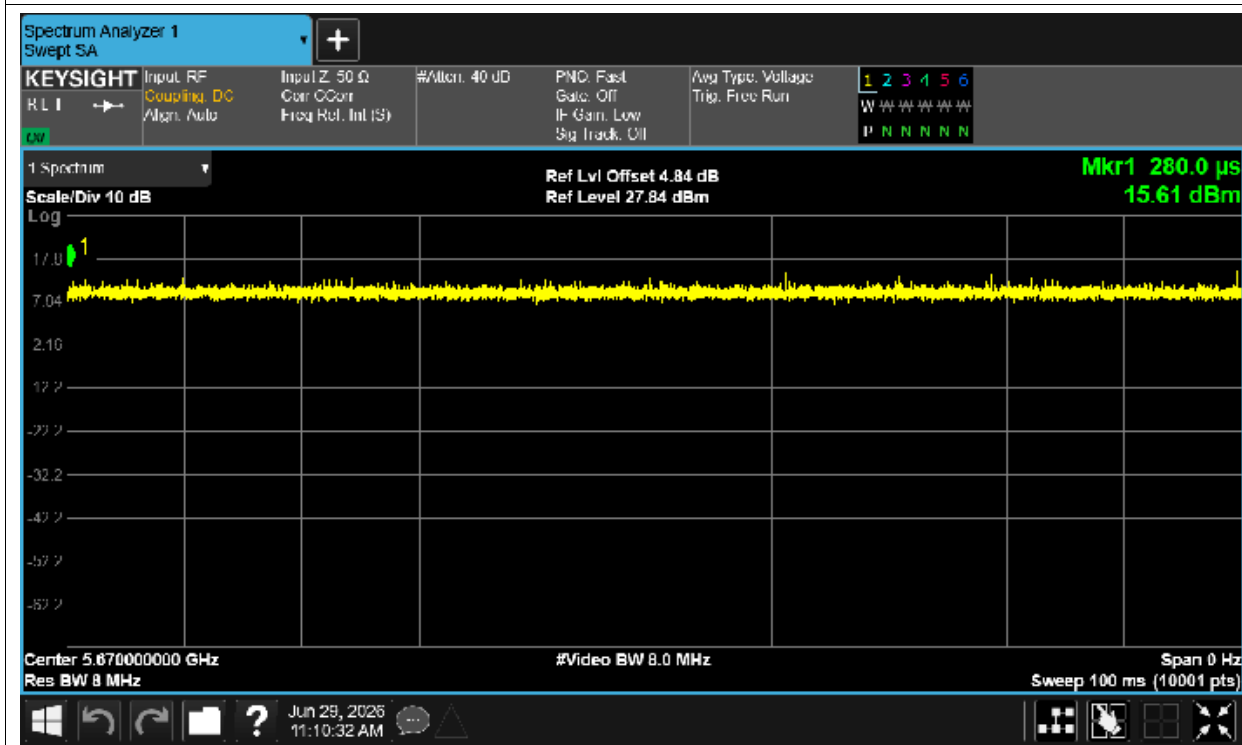
Duty Cycle NVNT n40 5510MHz Sum



Duty Cycle NVNT n40 5590MHz Sum



Duty Cycle NVNT n40 5670MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	13.95	0	13.95	24	Pass
NVNT	a	5600	Ant1	14.44	0	14.44	24	Pass
NVNT	a	5700	Ant1	14.18	0	14.18	24	Pass
NVNT	a	5500	Ant2	15.81	0	15.81	24	Pass
NVNT	a	5600	Ant2	14.6	0	14.6	24	Pass
NVNT	a	5700	Ant2	15.59	0	15.59	24	Pass
NVNT	ac20	5500	Ant1	13.19	0	13.19	22.18	Pass
NVNT	ac20	5500	Ant2	13.87	0	13.87	22.18	Pass
NVNT	ac20	5500	Sum	16.554	0	16.554	22.18	Pass
NVNT	ac20	5600	Ant1	13.3	0	13.3	22.18	Pass
NVNT	ac20	5600	Ant2	12.86	0	12.86	22.18	Pass
NVNT	ac20	5600	Sum	16.096	0	16.096	22.18	Pass
NVNT	ac20	5700	Ant1	12.95	0	12.95	22.18	Pass
NVNT	ac20	5700	Ant2	13.42	0	13.42	22.18	Pass
NVNT	ac20	5700	Sum	16.202	0	16.202	22.18	Pass
NVNT	ac40	5510	Ant1	9.26	0	9.26	22.18	Pass
NVNT	ac40	5510	Ant2	10.6	0	10.6	22.18	Pass
NVNT	ac40	5510	Sum	12.992	0	12.992	22.18	Pass
NVNT	ac40	5590	Ant1	9.69	0	9.69	22.18	Pass
NVNT	ac40	5590	Ant2	9.74	0	9.74	22.18	Pass
NVNT	ac40	5590	Sum	12.725	0	12.725	22.18	Pass
NVNT	ac40	5670	Ant1	10.08	0	10.08	22.18	Pass
NVNT	ac40	5670	Ant2	9.03	0	9.03	22.18	Pass
NVNT	ac40	5670	Sum	12.597	0	12.597	22.18	Pass
NVNT	ac80	5530	Ant1	9.33	0	9.33	22.18	Pass
NVNT	ac80	5530	Ant2	8.41	0	8.41	22.18	Pass
NVNT	ac80	5530	Sum	11.905	0	11.905	22.18	Pass
NVNT	ac80	5610	Ant1	8.55	0	8.55	22.18	Pass
NVNT	ac80	5610	Ant2	7.66	0	7.66	22.18	Pass
NVNT	ac80	5610	Sum	11.138	0	11.138	22.18	Pass
NVNT	n20	5500	Ant1	13.48	0	13.48	22.18	Pass
NVNT	n20	5500	Ant2	14.19	0	14.19	22.18	Pass
NVNT	n20	5500	Sum	16.86	0	16.86	22.18	Pass
NVNT	n20	5600	Ant1	14.56	0	14.56	22.18	Pass
NVNT	n20	5600	Ant2	13.21	0	13.21	22.18	Pass
NVNT	n20	5600	Sum	16.948	0	16.948	22.18	Pass
NVNT	n20	5700	Ant1	14.54	0	14.54	22.18	Pass
NVNT	n20	5700	Ant2	14.65	0	14.65	22.18	Pass
NVNT	n20	5700	Sum	17.606	0	17.606	22.18	Pass
NVNT	n40	5510	Ant1	7.82	0	7.82	22.18	Pass

NVNT	n40	5510	Ant2	8.45	0	8.45	22.18	Pass
NVNT	n40	5510	Sum	11.157	0	11.157	22.18	Pass
NVNT	n40	5590	Ant1	8.84	0	8.84	22.18	Pass
NVNT	n40	5590	Ant2	8.6	0	8.6	22.18	Pass
NVNT	n40	5590	Sum	11.732	0	11.732	22.18	Pass
NVNT	n40	5670	Ant1	8.93	0	8.93	22.18	Pass
NVNT	n40	5670	Ant2	7.73	0	7.73	22.18	Pass
NVNT	n40	5670	Sum	11.382	0	11.382	22.18	Pass

Note: The limits need reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For MIMO mode: ant gain is $4.81+10*\log_{10}(2) = 4.81+3.01=7.82\text{dBi}$, the limit is $24-(7.82-6) = 22.18\text{dbm}$

E.I.R.P Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Gain (dB)	Max E.I.R.P (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	13.95	0	4.81	18.76	30	Pass
NVNT	a	5600	Ant1	14.44	0	4.81	19.25	30	Pass
NVNT	a	5700	Ant1	14.18	0	4.81	18.99	30	Pass
NVNT	a	5500	Ant2	15.81	0	4.81	20.62	30	Pass
NVNT	a	5600	Ant2	14.6	0	4.81	19.41	30	Pass
NVNT	a	5700	Ant2	15.59	0	4.81	20.4	30	Pass
NVNT	ac20	5500	Ant1	13.19	0	7.82	21.01	30	Pass
NVNT	ac20	5500	Ant2	13.87	0	7.82	21.69	30	Pass
NVNT	ac20	5500	Sum	16.554	0	7.82	24.374	30	Pass
NVNT	ac20	5600	Ant1	13.3	0	7.82	21.12	30	Pass
NVNT	ac20	5600	Ant2	12.86	0	7.82	20.68	30	Pass
NVNT	ac20	5600	Sum	16.096	0	7.82	23.916	30	Pass
NVNT	ac20	5700	Ant1	12.95	0	7.82	20.77	30	Pass
NVNT	ac20	5700	Ant2	13.42	0	7.82	21.24	30	Pass
NVNT	ac20	5700	Sum	16.202	0	7.82	24.022	30	Pass
NVNT	ac40	5510	Ant1	9.26	0	7.82	17.08	30	Pass
NVNT	ac40	5510	Ant2	10.6	0	7.82	18.42	30	Pass
NVNT	ac40	5510	Sum	12.992	0	7.82	20.812	30	Pass
NVNT	ac40	5590	Ant1	9.69	0	7.82	17.51	30	Pass
NVNT	ac40	5590	Ant2	9.74	0	7.82	17.56	30	Pass
NVNT	ac40	5590	Sum	12.725	0	7.82	20.545	30	Pass
NVNT	ac40	5670	Ant1	10.08	0	7.82	17.9	30	Pass
NVNT	ac40	5670	Ant2	9.03	0	7.82	16.85	30	Pass
NVNT	ac40	5670	Sum	12.597	0	7.82	20.417	30	Pass
NVNT	ac80	5530	Ant1	9.33	0	7.82	17.15	30	Pass
NVNT	ac80	5530	Ant2	8.41	0	7.82	16.23	30	Pass
NVNT	ac80	5530	Sum	11.905	0	7.82	19.725	30	Pass
NVNT	ac80	5610	Ant1	8.55	0	7.82	16.37	30	Pass
NVNT	ac80	5610	Ant2	7.66	0	7.82	15.48	30	Pass
NVNT	ac80	5610	Sum	11.138	0	7.82	18.958	30	Pass
NVNT	n20	5500	Ant1	13.48	0	7.82	21.3	30	Pass
NVNT	n20	5500	Ant2	14.19	0	7.82	22.01	30	Pass
NVNT	n20	5500	Sum	16.86	0	7.82	24.68	30	Pass
NVNT	n20	5600	Ant1	14.56	0	7.82	22.38	30	Pass
NVNT	n20	5600	Ant2	13.21	0	7.82	21.03	30	Pass
NVNT	n20	5600	Sum	16.948	0	7.82	24.768	30	Pass
NVNT	n20	5700	Ant1	14.54	0	7.82	22.36	30	Pass
NVNT	n20	5700	Ant2	14.65	0	7.82	22.47	30	Pass
NVNT	n20	5700	Sum	17.606	0	7.82	25.426	30	Pass

NVNT	n40	5510	Ant1	7.82	0	7.82	15.64	30	Pass
NVNT	n40	5510	Ant2	8.45	0	7.82	16.27	30	Pass
NVNT	n40	5510	Sum	11.157	0	7.82	18.977	30	Pass
NVNT	n40	5590	Ant1	8.84	0	7.82	16.66	30	Pass
NVNT	n40	5590	Ant2	8.6	0	7.82	16.42	30	Pass
NVNT	n40	5590	Sum	11.732	0	7.82	19.552	30	Pass
NVNT	n40	5670	Ant1	8.93	0	7.82	16.75	30	Pass
NVNT	n40	5670	Ant2	7.73	0	7.82	15.55	30	Pass
NVNT	n40	5670	Sum	11.382	0	7.82	19.202	30	Pass

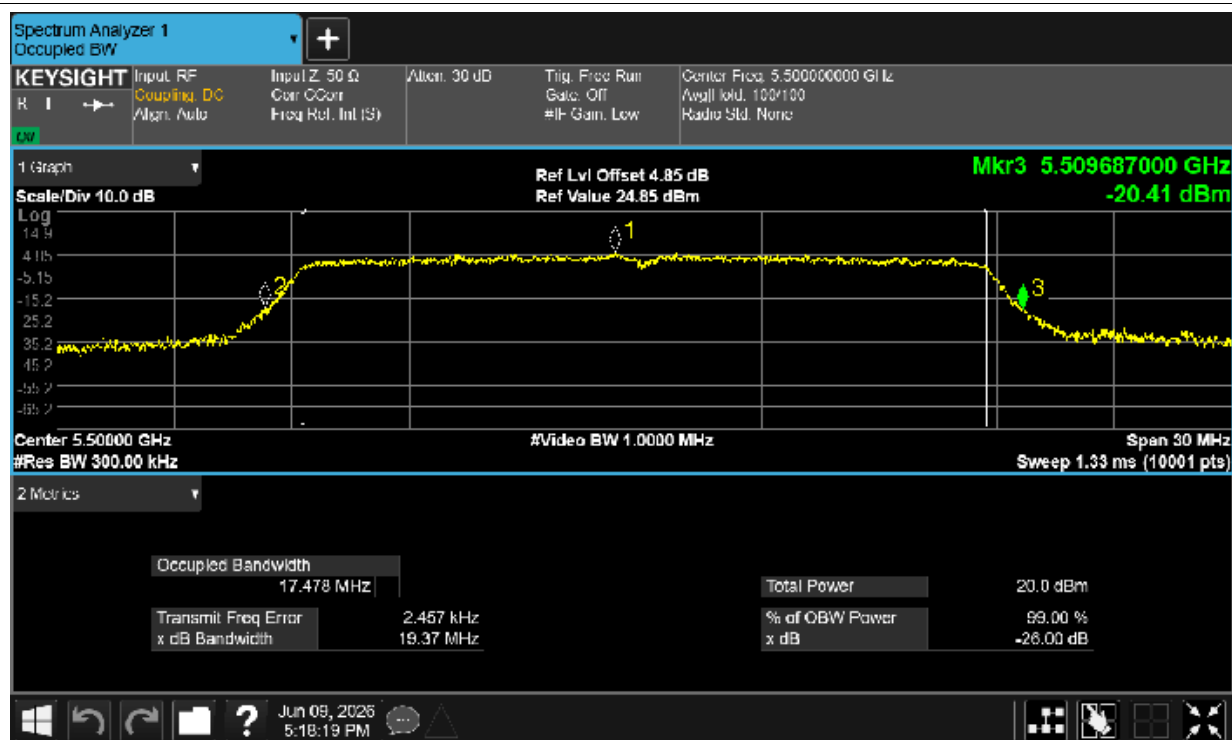
For MIMO mode: ant gain is $4.81+10*\log_{10}(2) = 4.81+3.01=7.82\text{dBi}$

-26dB Bandwidth

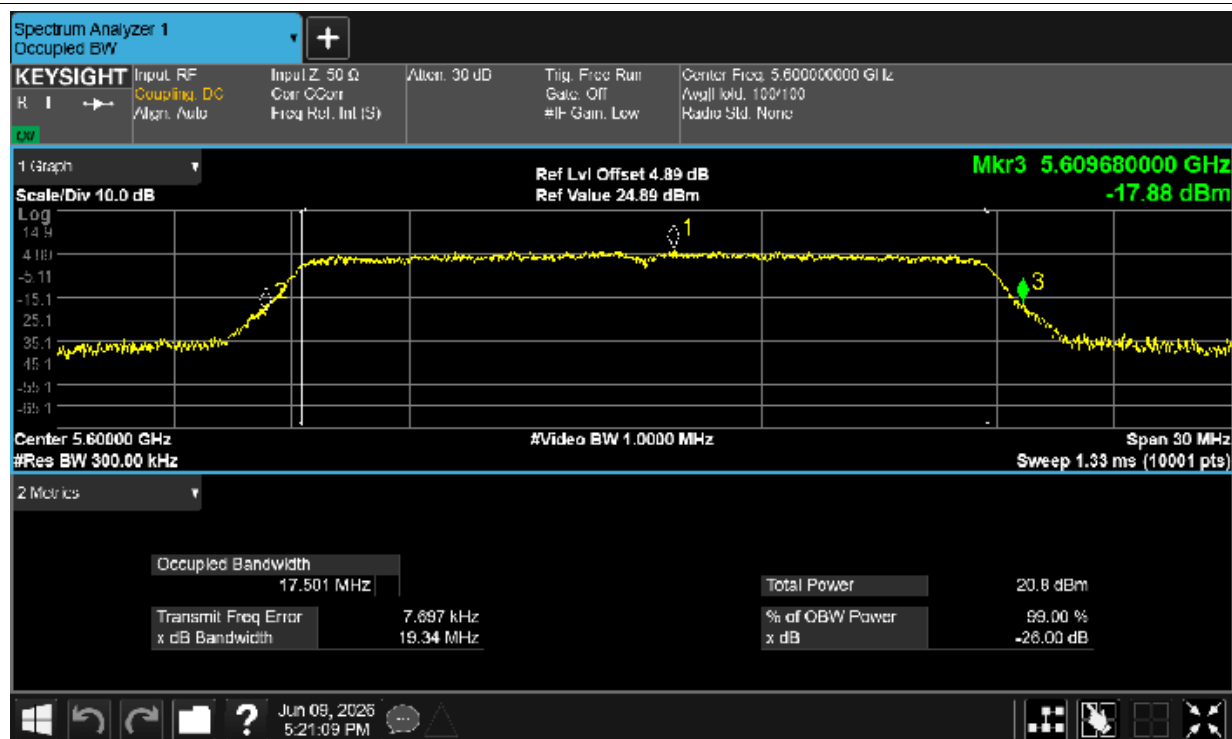
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant1	19.369
NVNT	a	5600	Ant1	19.345
NVNT	a	5700	Ant1	19.475
NVNT	a	5500	Ant2	18.451
NVNT	a	5600	Ant2	18.414
NVNT	a	5700	Ant2	18.422
NVNT	ac20	5500	Ant1	19.356
NVNT	ac20	5500	Ant2	19.467
NVNT	ac20	5600	Ant1	19.35
NVNT	ac20	5600	Ant2	19.354
NVNT	ac20	5700	Ant1	19.313
NVNT	ac20	5700	Ant2	19.321
NVNT	ac40	5510	Ant1	38.376
NVNT	ac40	5510	Ant2	38.46
NVNT	ac40	5590	Ant1	38.768
NVNT	ac40	5590	Ant2	38.512
NVNT	ac40	5670	Ant1	38.598
NVNT	ac40	5670	Ant2	38.404
NVNT	ac80	5530	Ant1	79.484
NVNT	ac80	5530	Ant2	78.708
NVNT	ac80	5610	Ant1	78.72
NVNT	ac80	5610	Ant2	78.955
NVNT	n20	5500	Ant1	19.4
NVNT	n20	5500	Ant2	19.369
NVNT	n20	5600	Ant1	19.375
NVNT	n20	5600	Ant2	19.333
NVNT	n20	5700	Ant1	19.329
NVNT	n20	5700	Ant2	19.372
NVNT	n40	5510	Ant1	38.578
NVNT	n40	5510	Ant2	38.366
NVNT	n40	5590	Ant1	38.46
NVNT	n40	5590	Ant2	38.48
NVNT	n40	5670	Ant1	38.423
NVNT	n40	5670	Ant2	38.4

Test Graphs

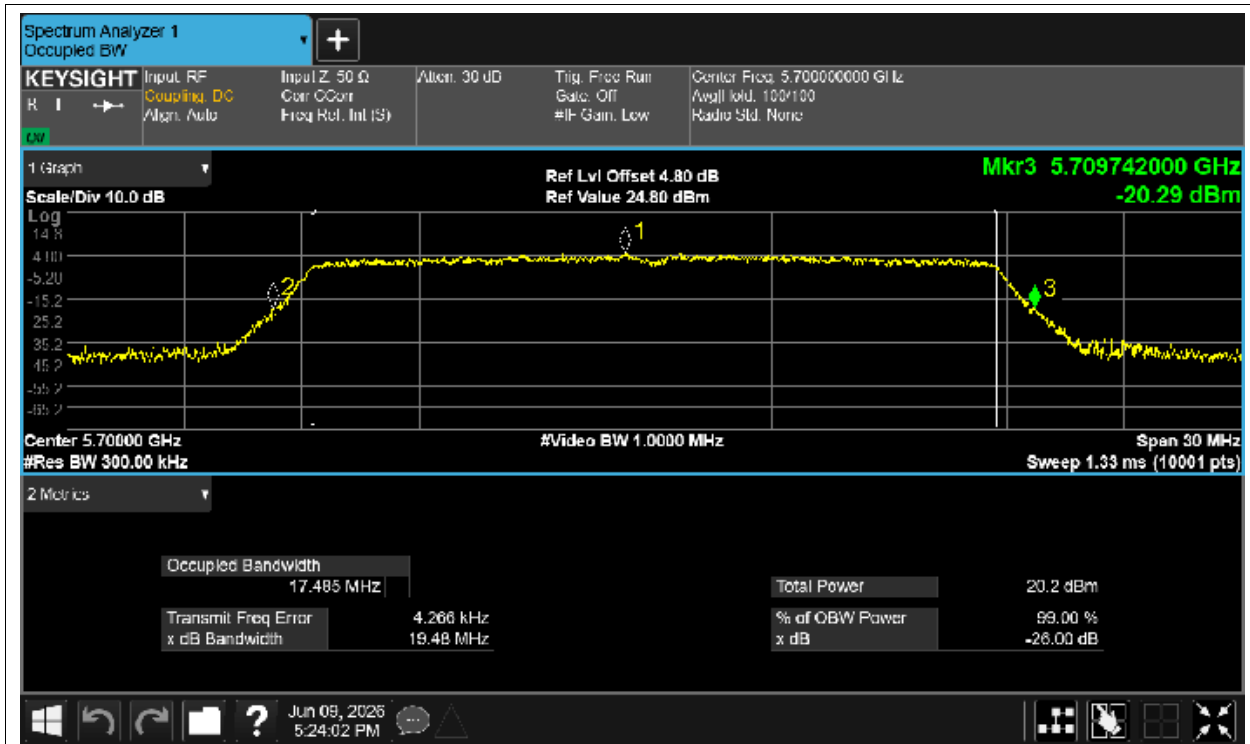
-26dB Bandwidth NVNT a 5500MHz Ant1



-26dB Bandwidth NVNT a 5600MHz Ant1



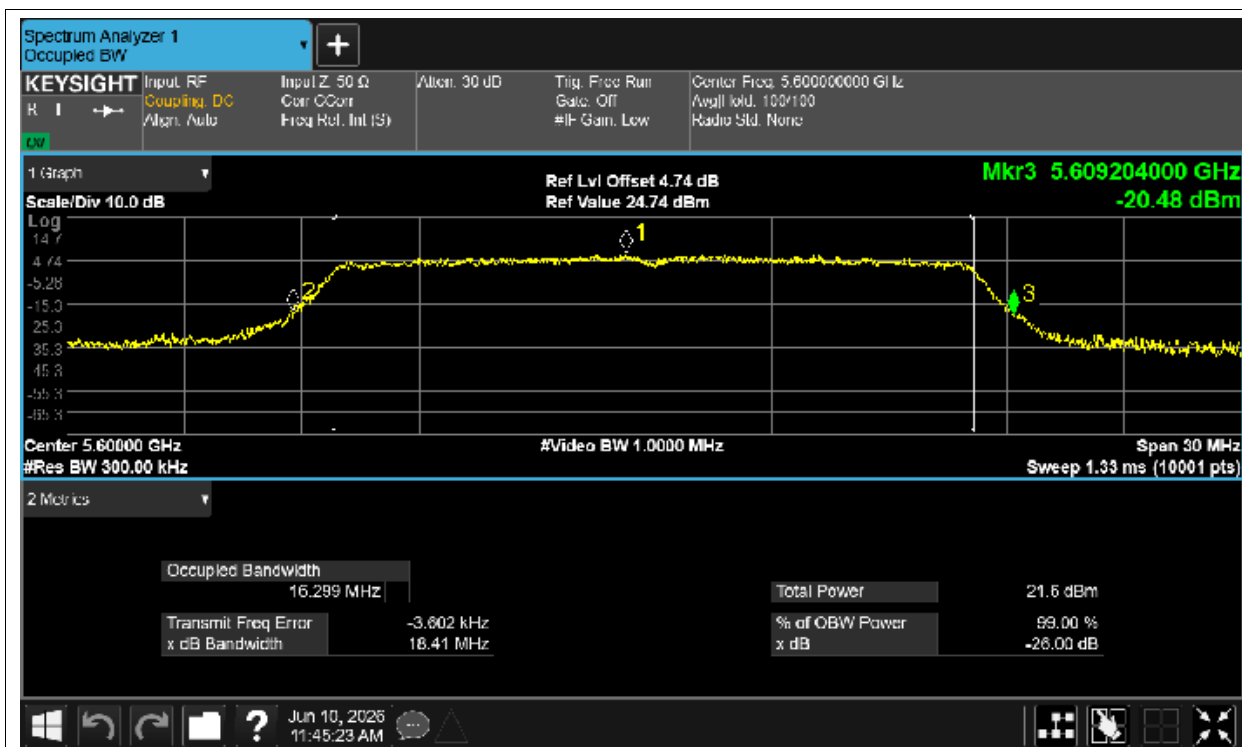
-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT a 5500MHz Ant2



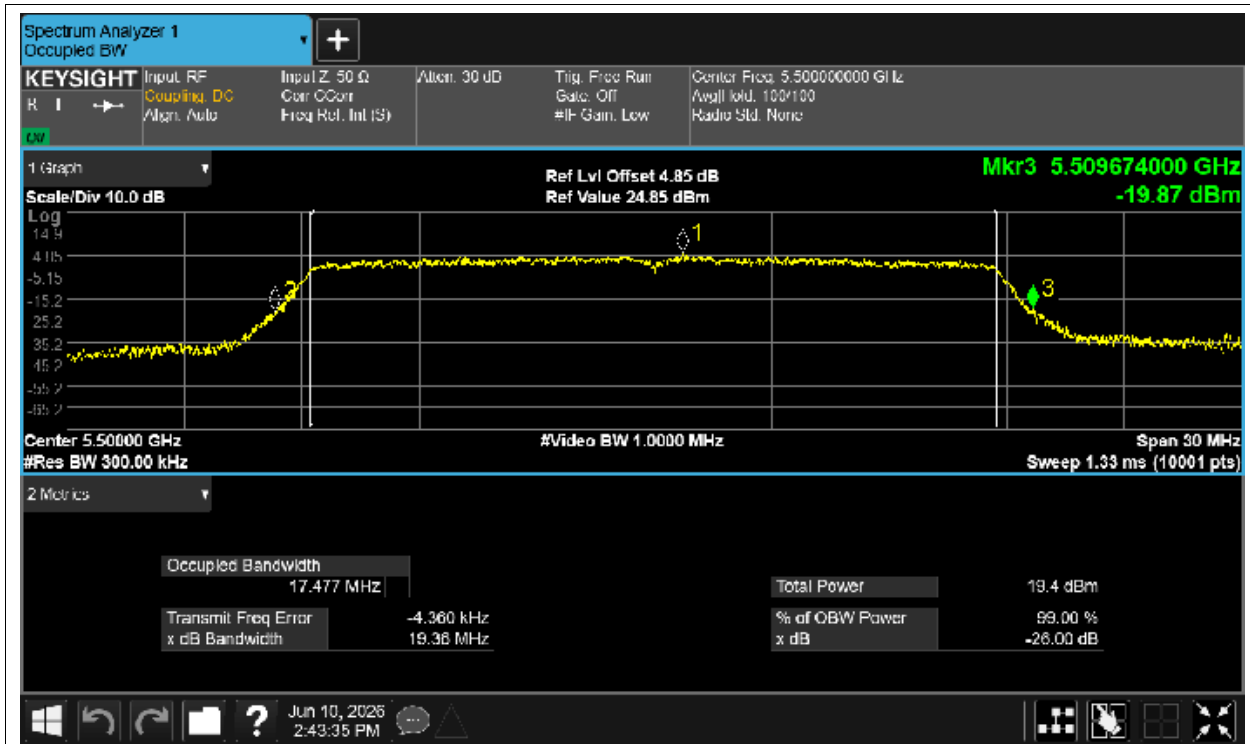
-26dB Bandwidth NVNT a 5600MHz Ant2



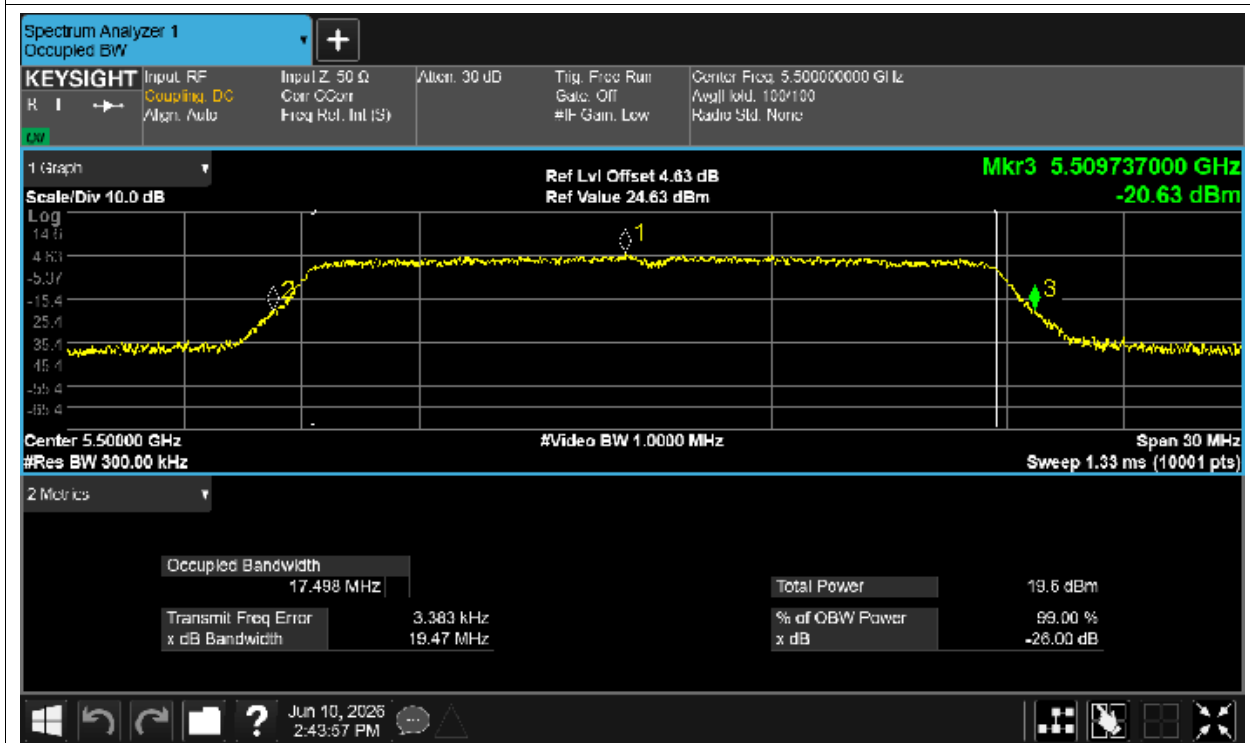
-26dB Bandwidth NVNT a 5700MHz Ant2



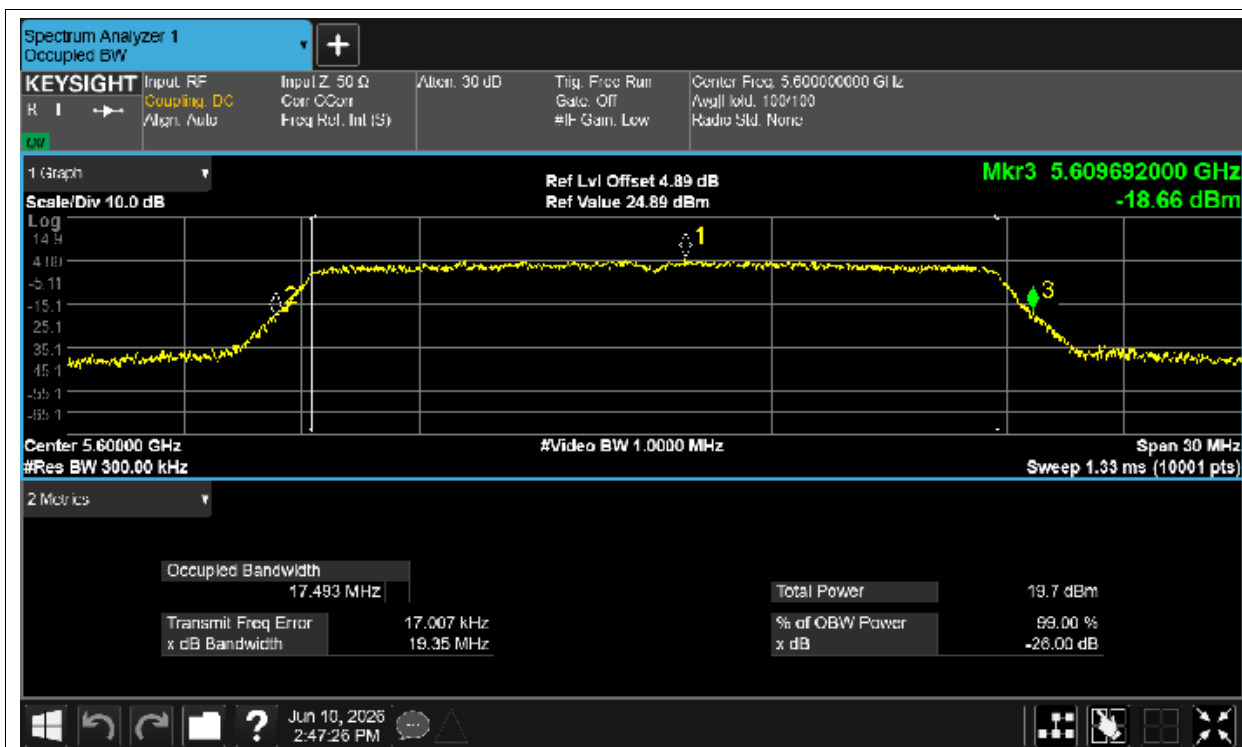
-26dB Bandwidth NVNT ac20 5500MHz Ant1



-26dB Bandwidth NVNT ac20 5500MHz Ant2



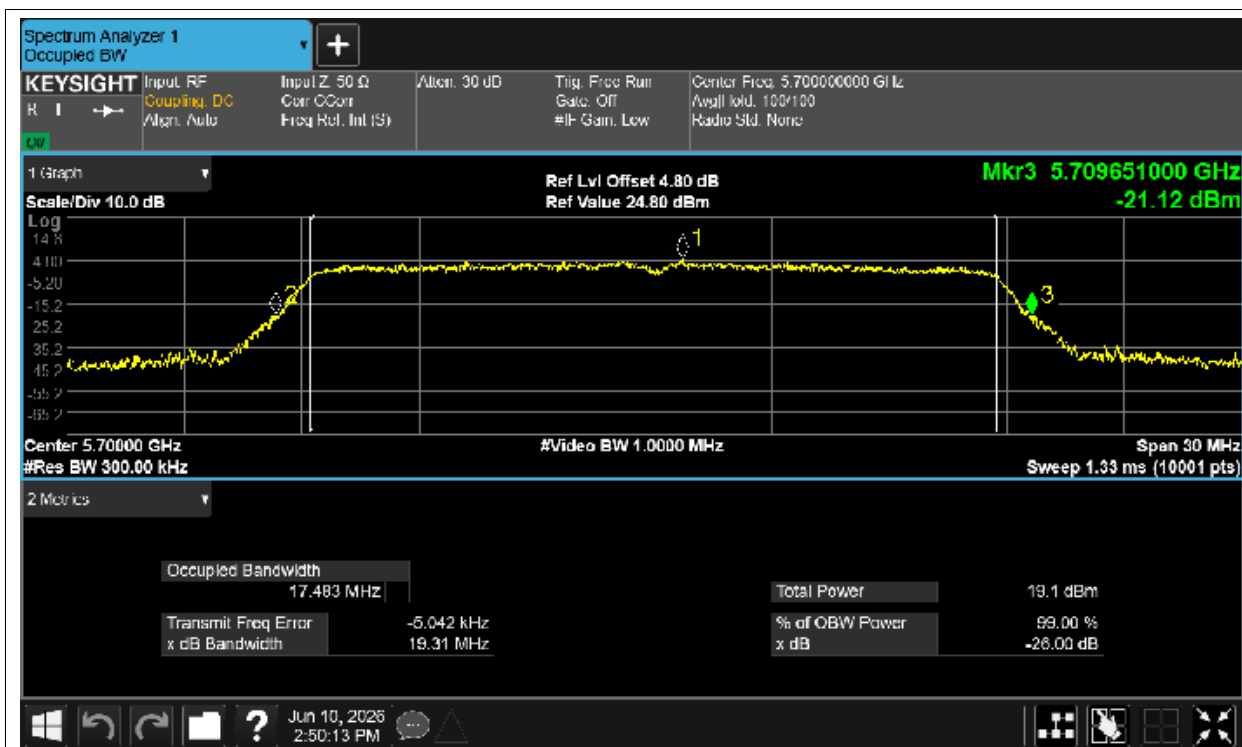
-26dB Bandwidth NVNT ac20 5600MHz Ant1



-26dB Bandwidth NVNT ac20 5600MHz Ant2



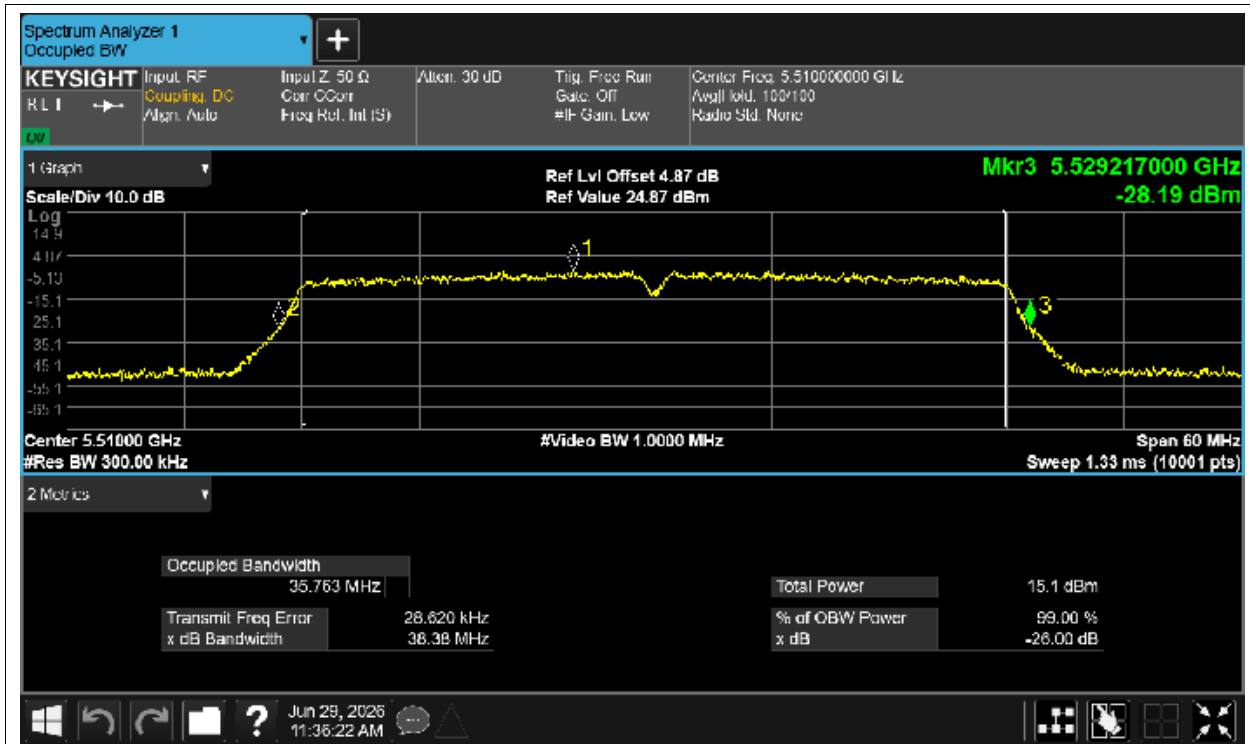
-26dB Bandwidth NVNT ac20 5700MHz Ant1



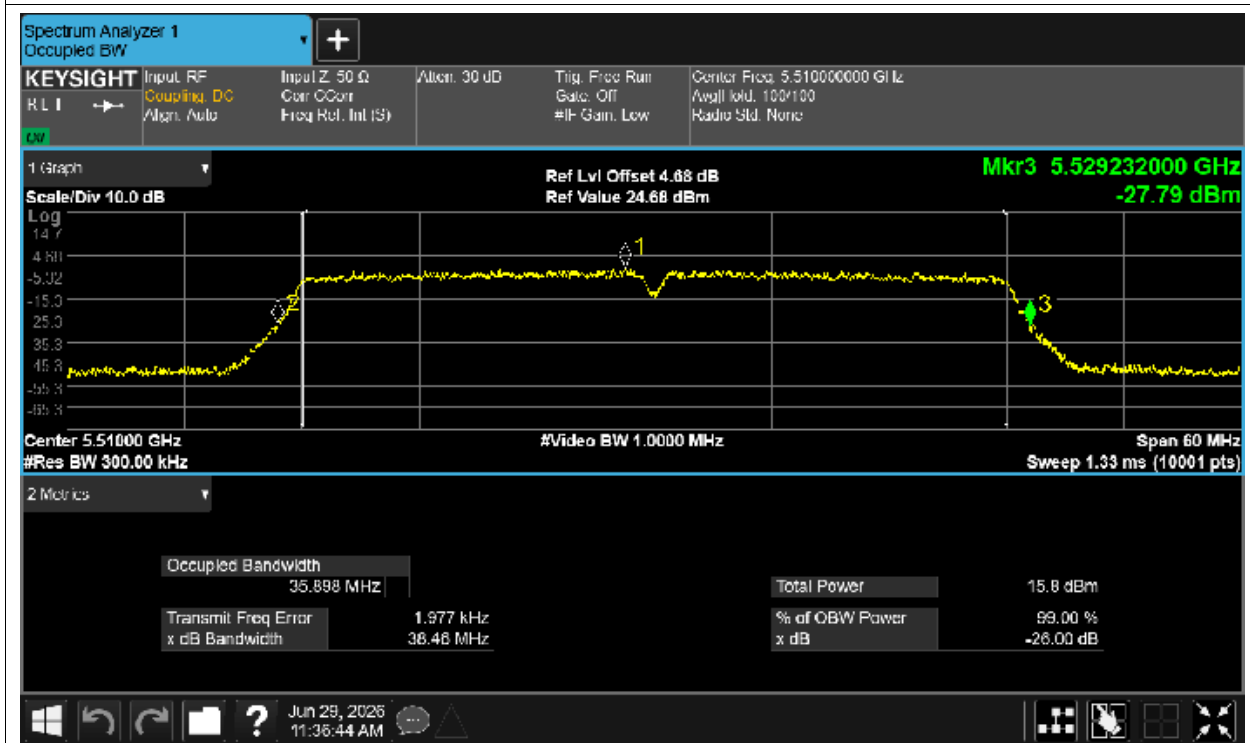
-26dB Bandwidth NVNT ac20 5700MHz Ant2



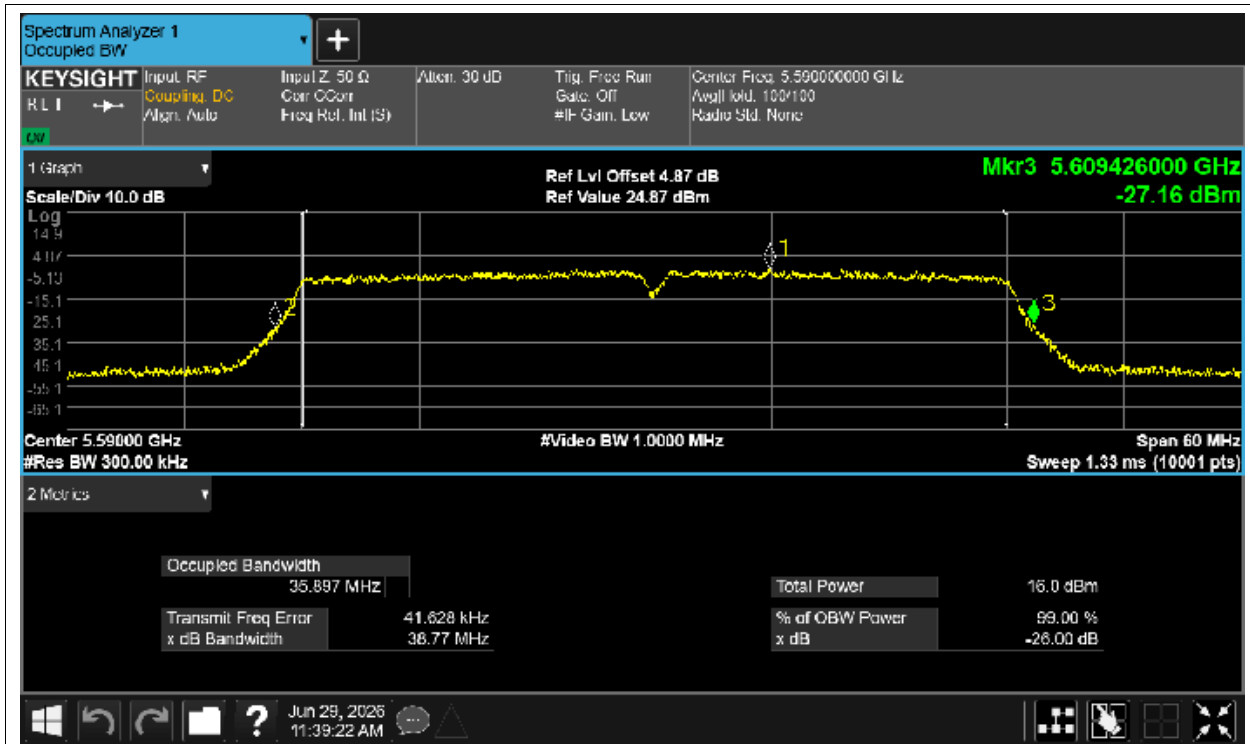
-26dB Bandwidth NVNT ac40 5510MHz Ant1



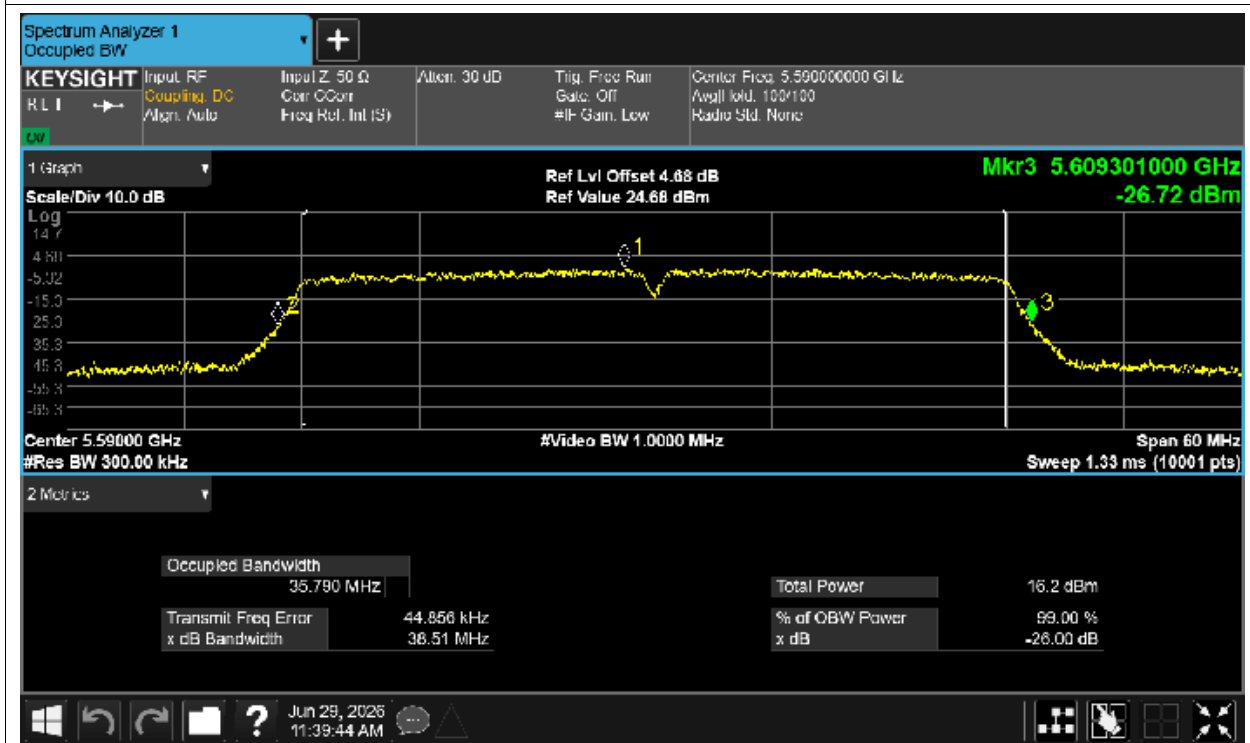
-26dB Bandwidth NVNT ac40 5510MHz Ant2



-26dB Bandwidth NVNT ac40 5590MHz Ant1



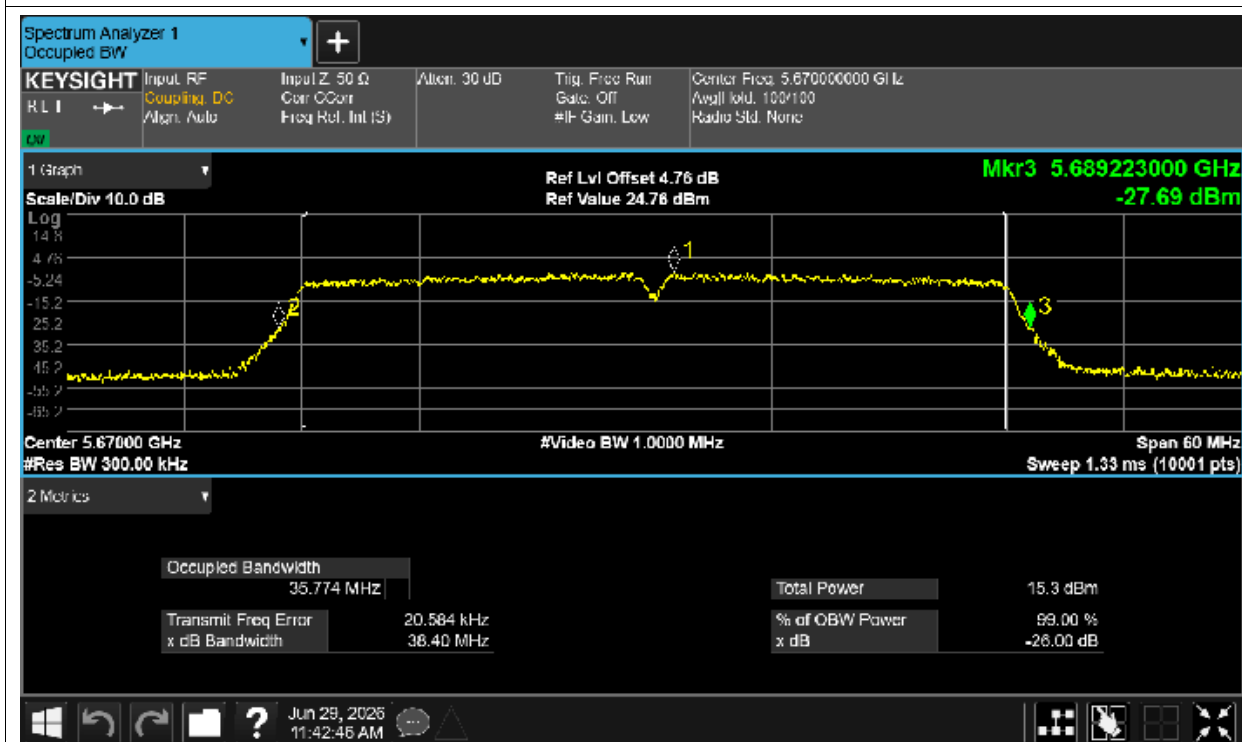
-26dB Bandwidth NVNT ac40 5590MHz Ant2



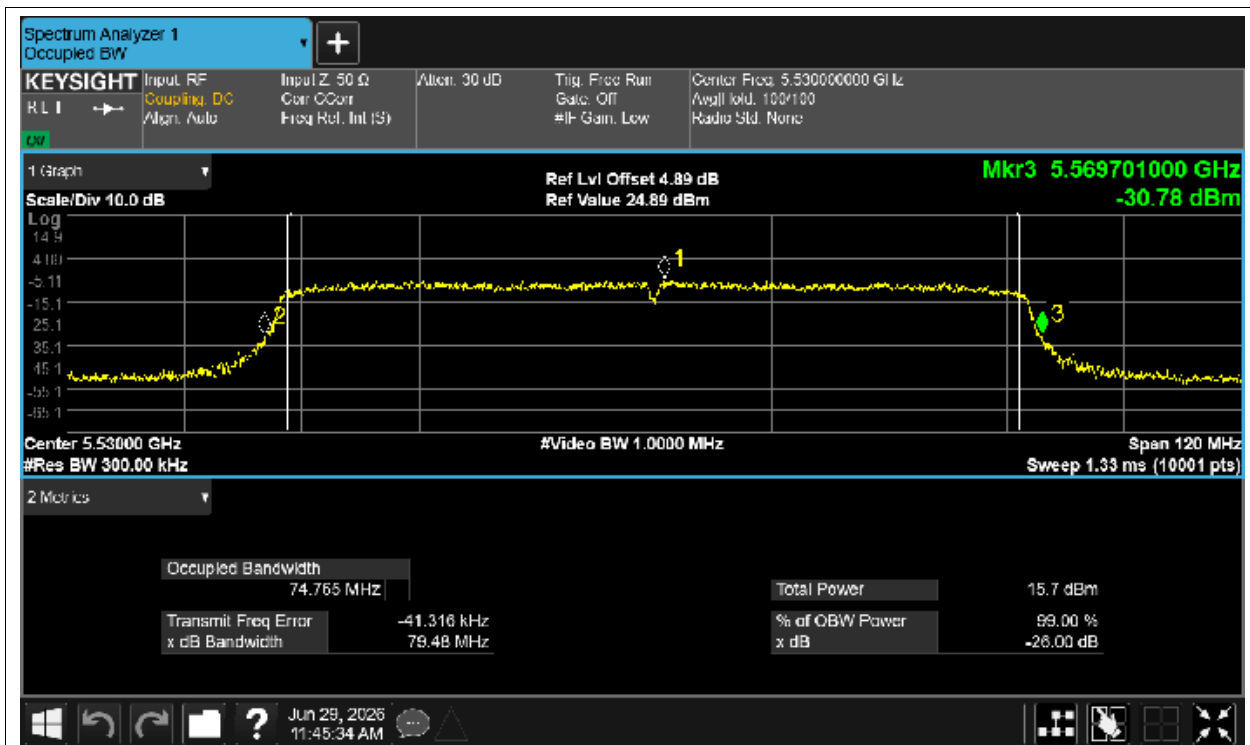
-26dB Bandwidth NVNT ac40 5670MHz Ant1



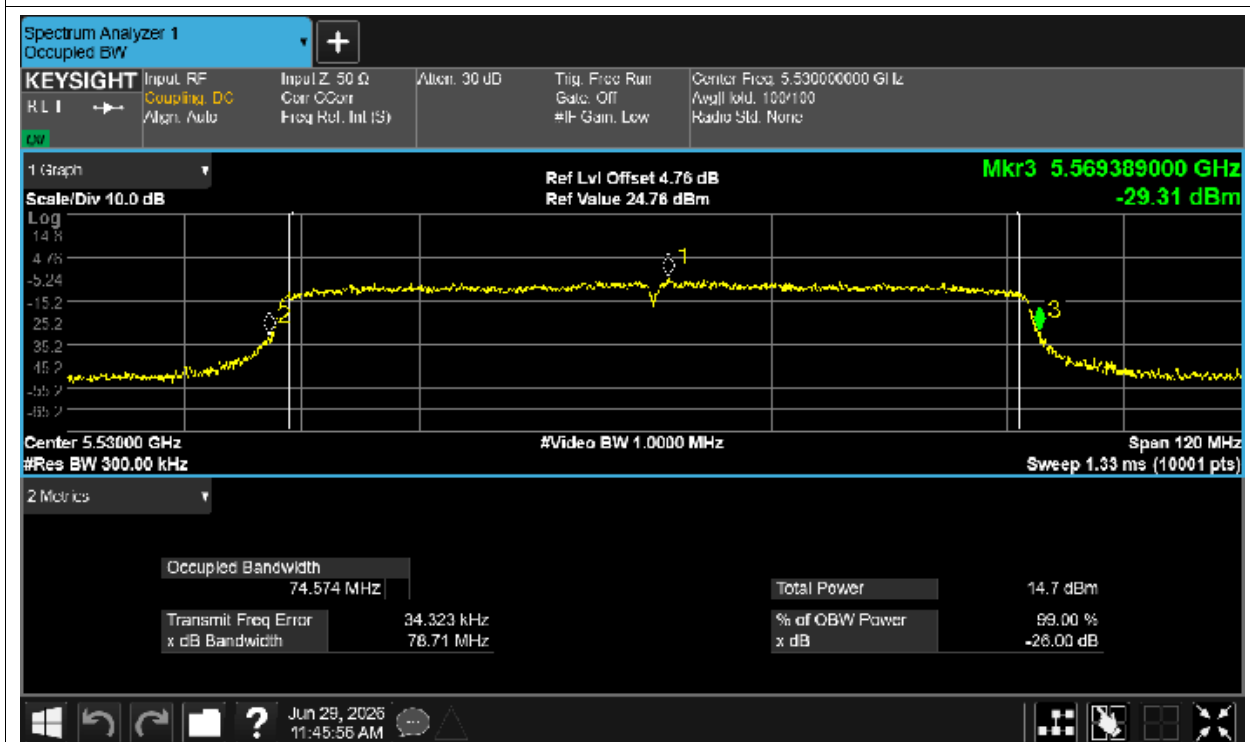
-26dB Bandwidth NVNT ac40 5670MHz Ant2



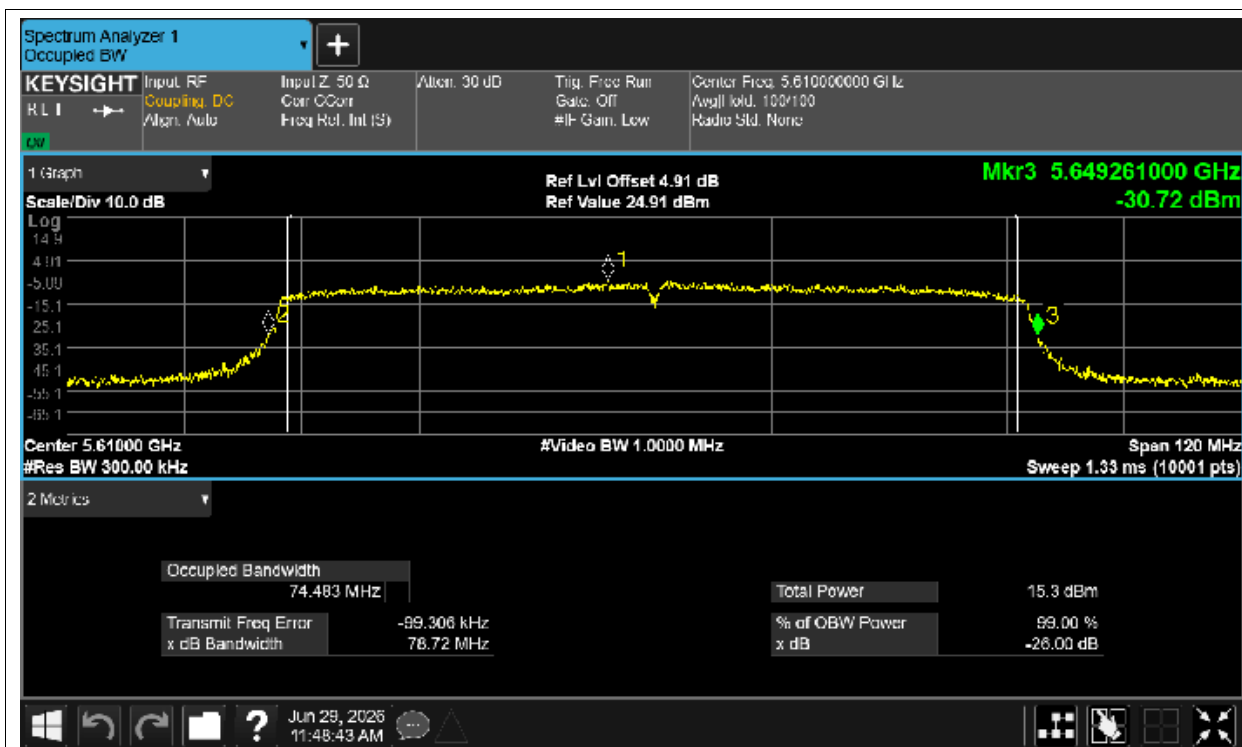
-26dB Bandwidth NVNT ac80 5530MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant2



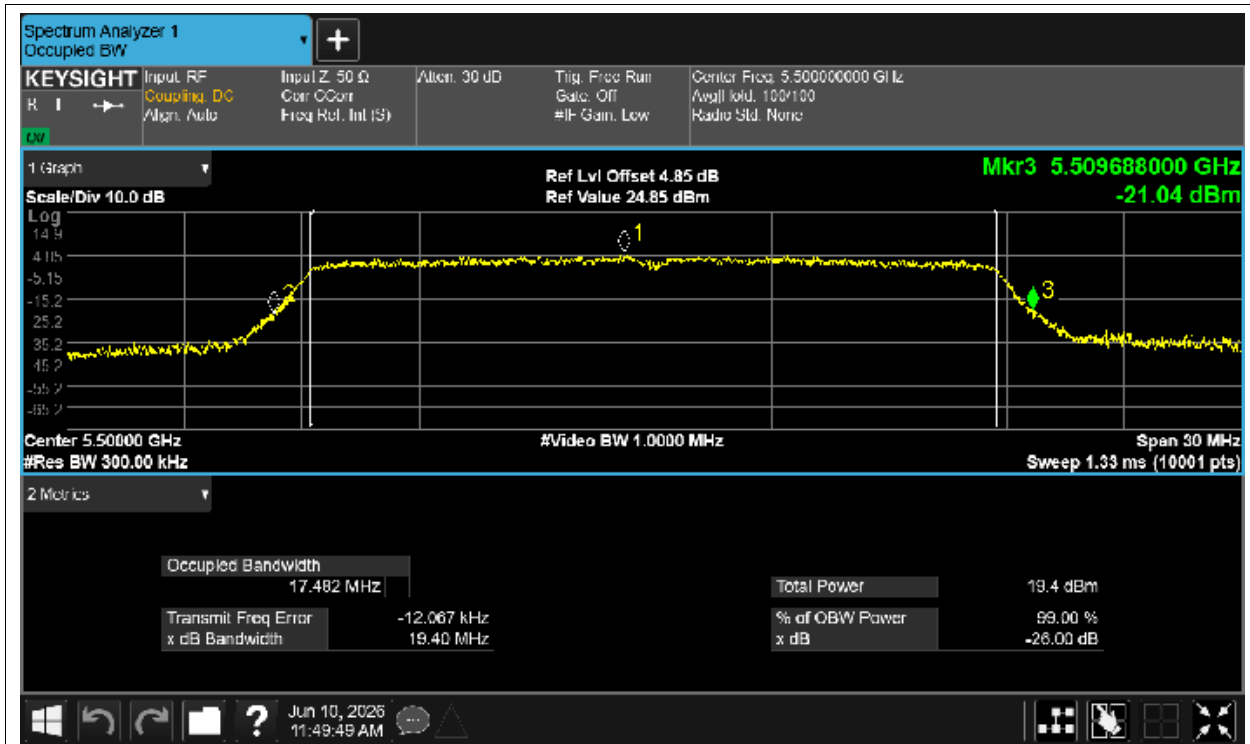
-26dB Bandwidth NVNT ac80 5610MHz Ant1



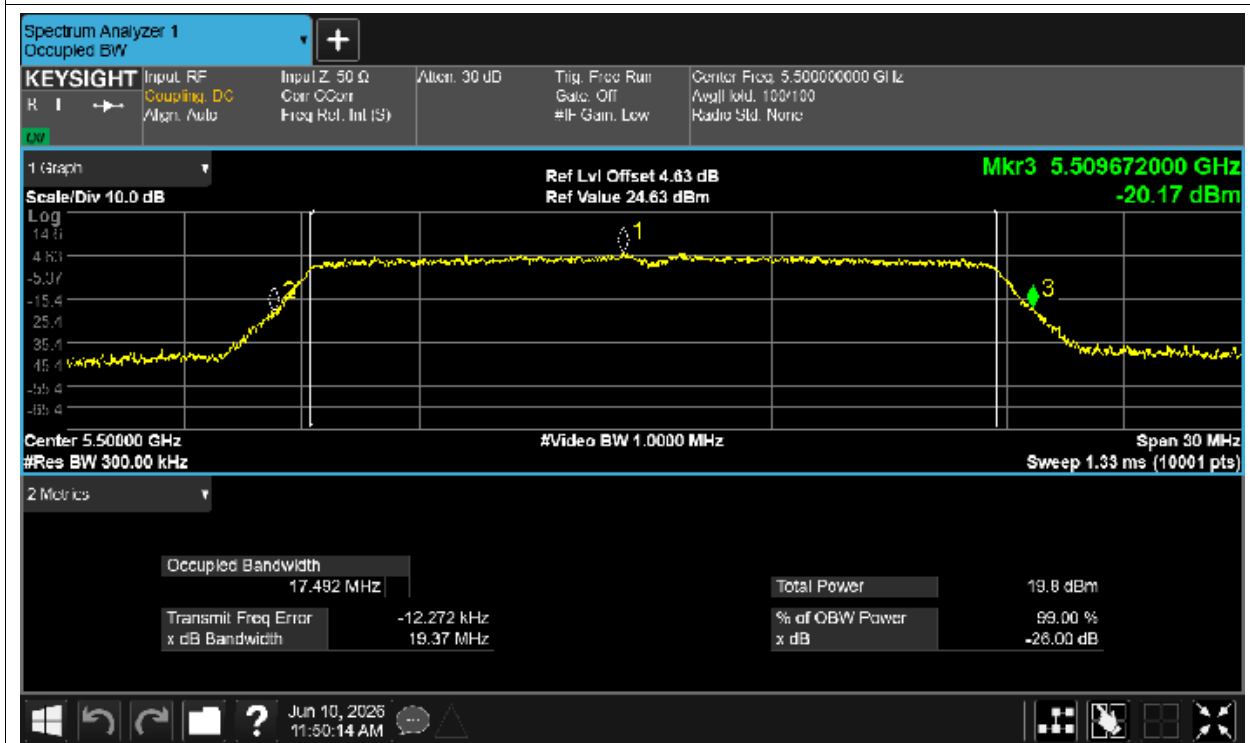
-26dB Bandwidth NVNT ac80 5610MHz Ant2



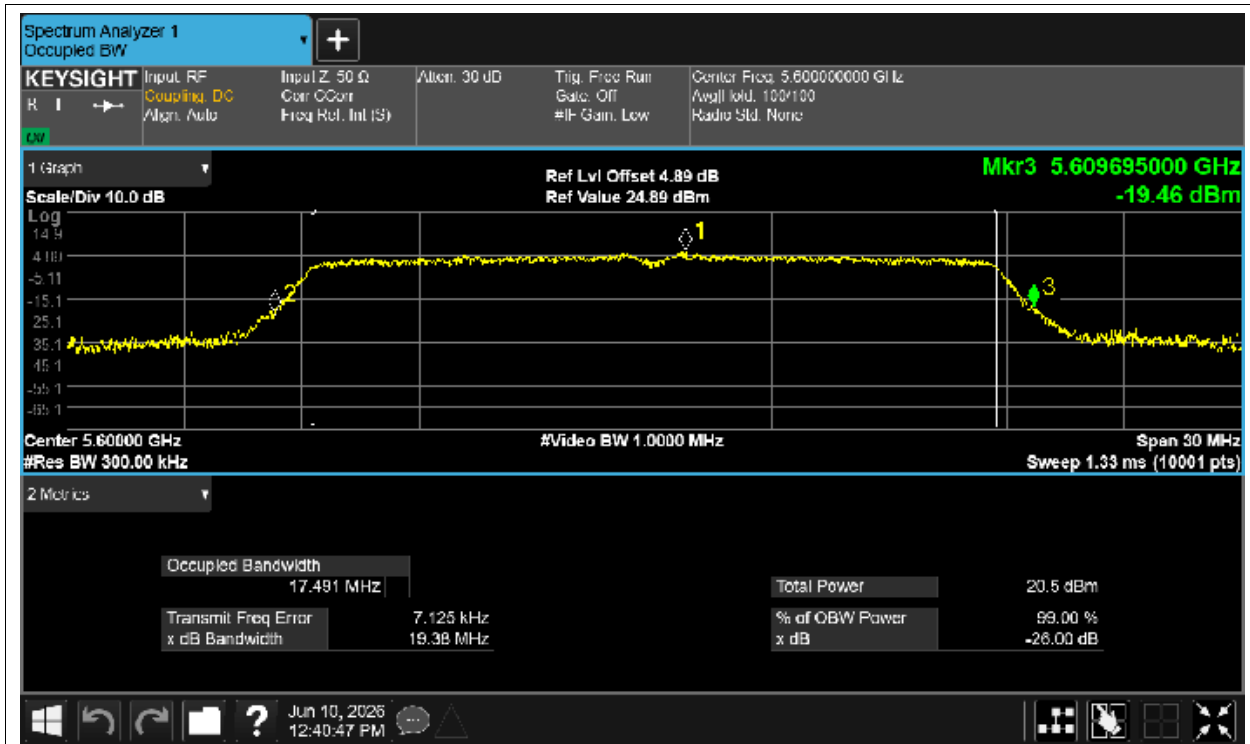
-26dB Bandwidth NVNT n20 5500MHz Ant1



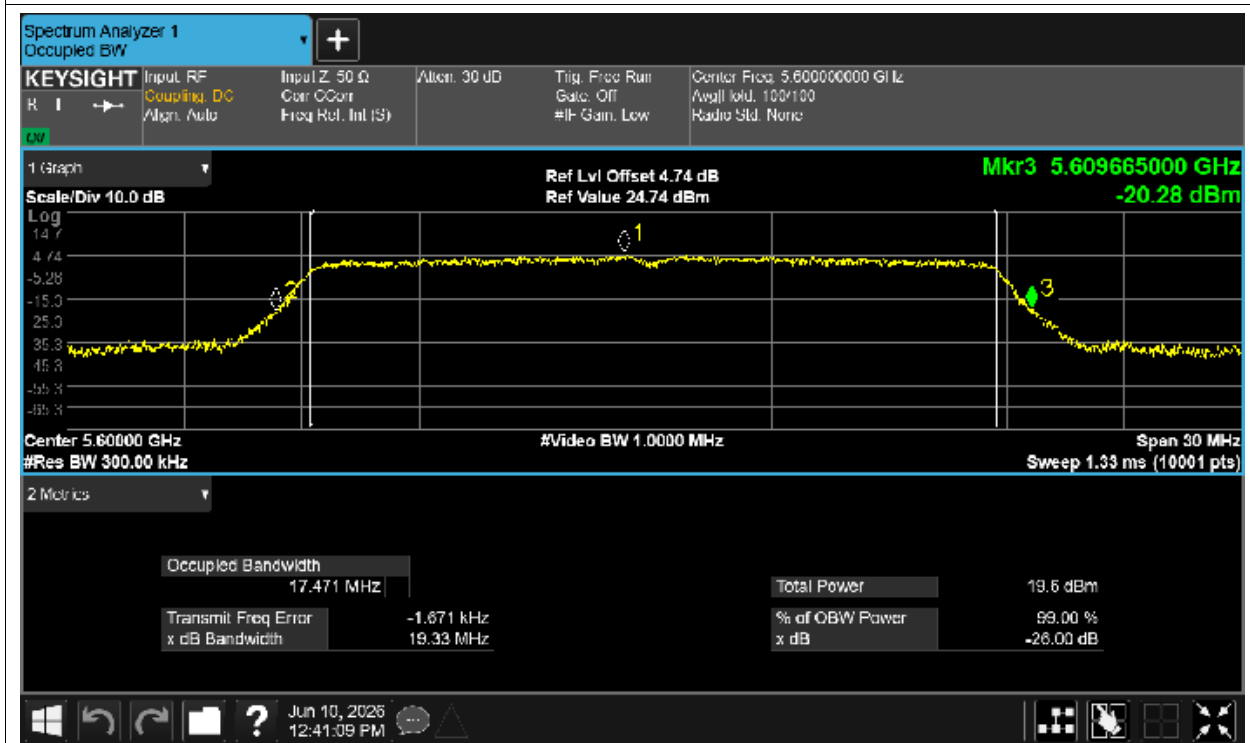
-26dB Bandwidth NVNT n20 5500MHz Ant2



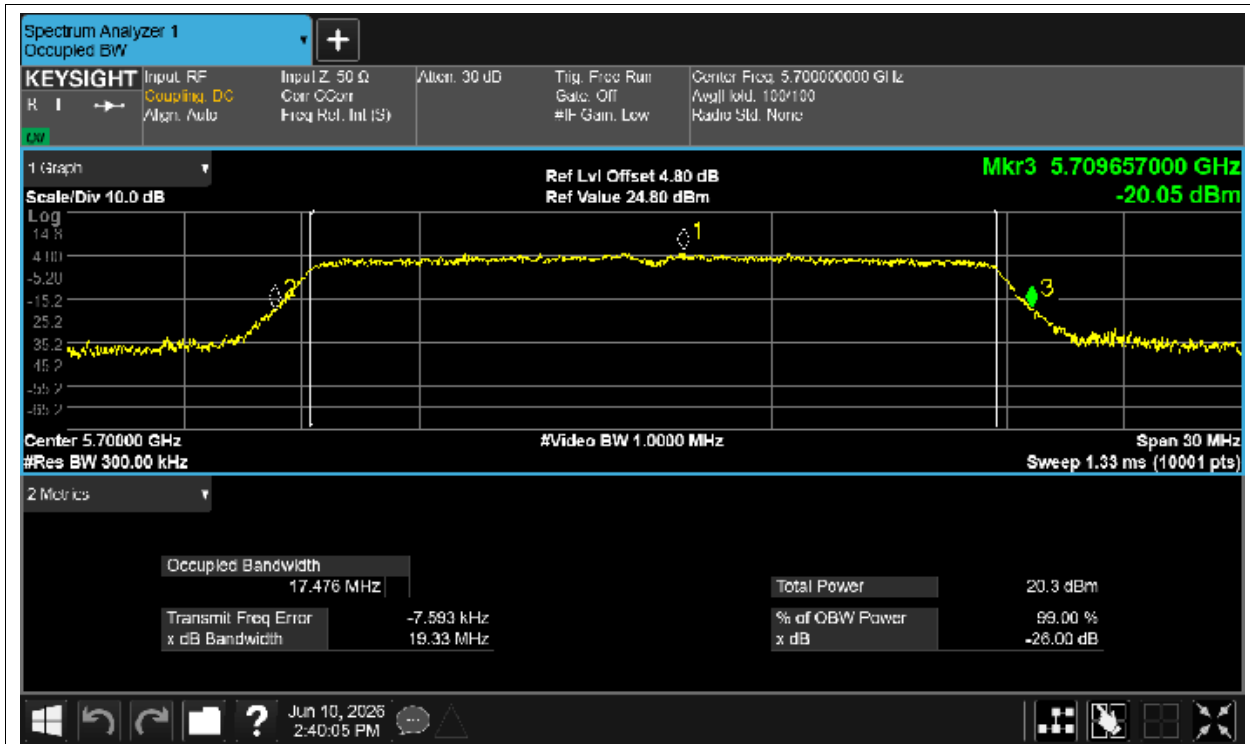
-26dB Bandwidth NVNT n20 5600MHz Ant1



-26dB Bandwidth NVNT n20 5600MHz Ant2



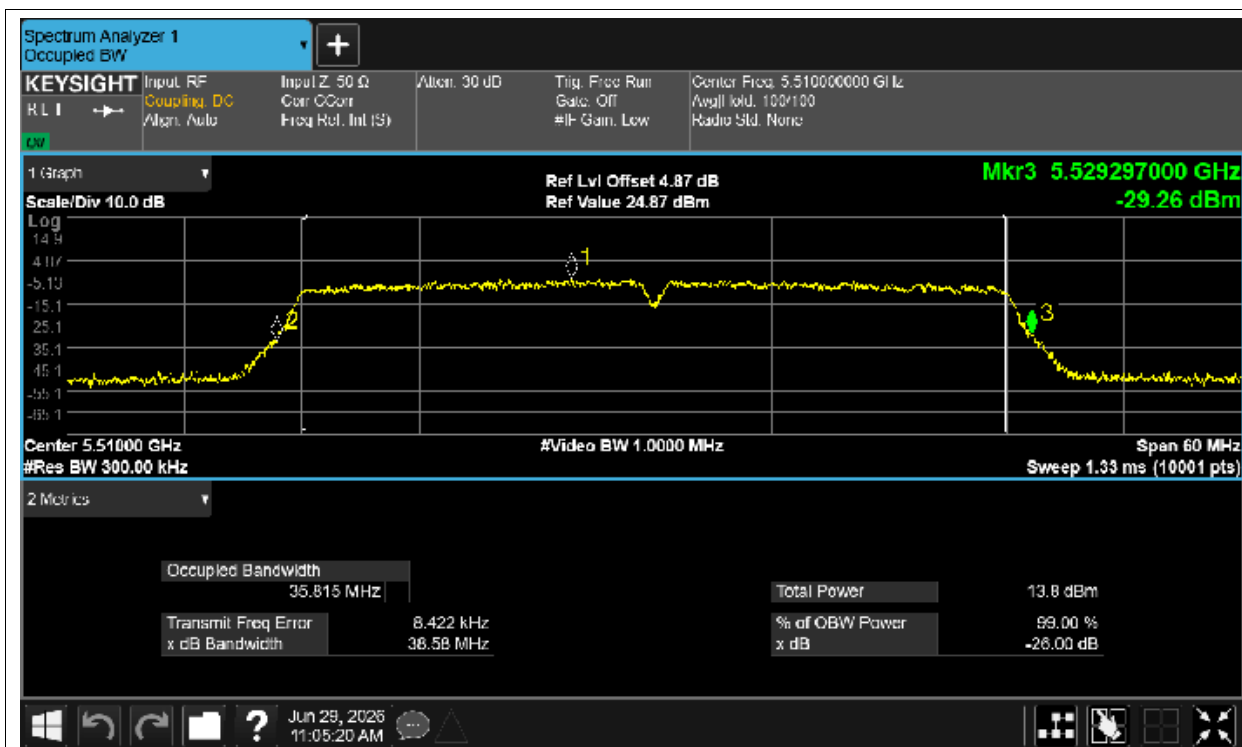
-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n20 5700MHz Ant2



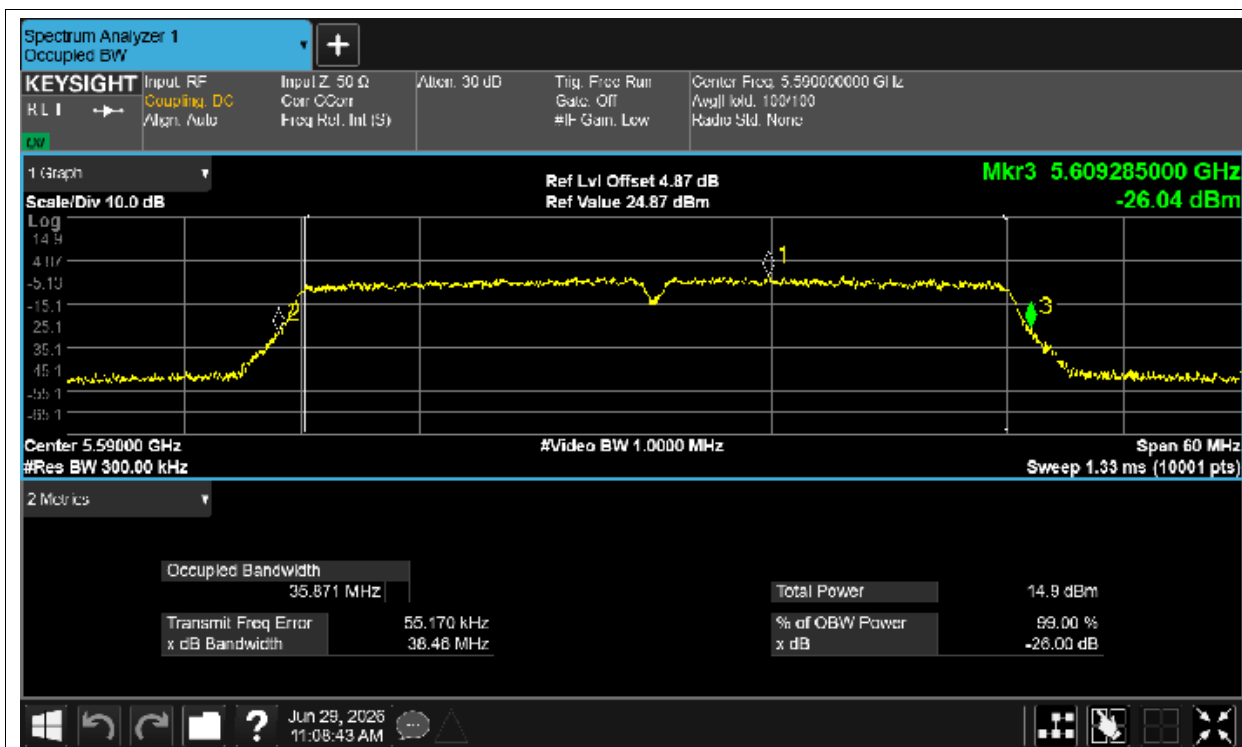
-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant2



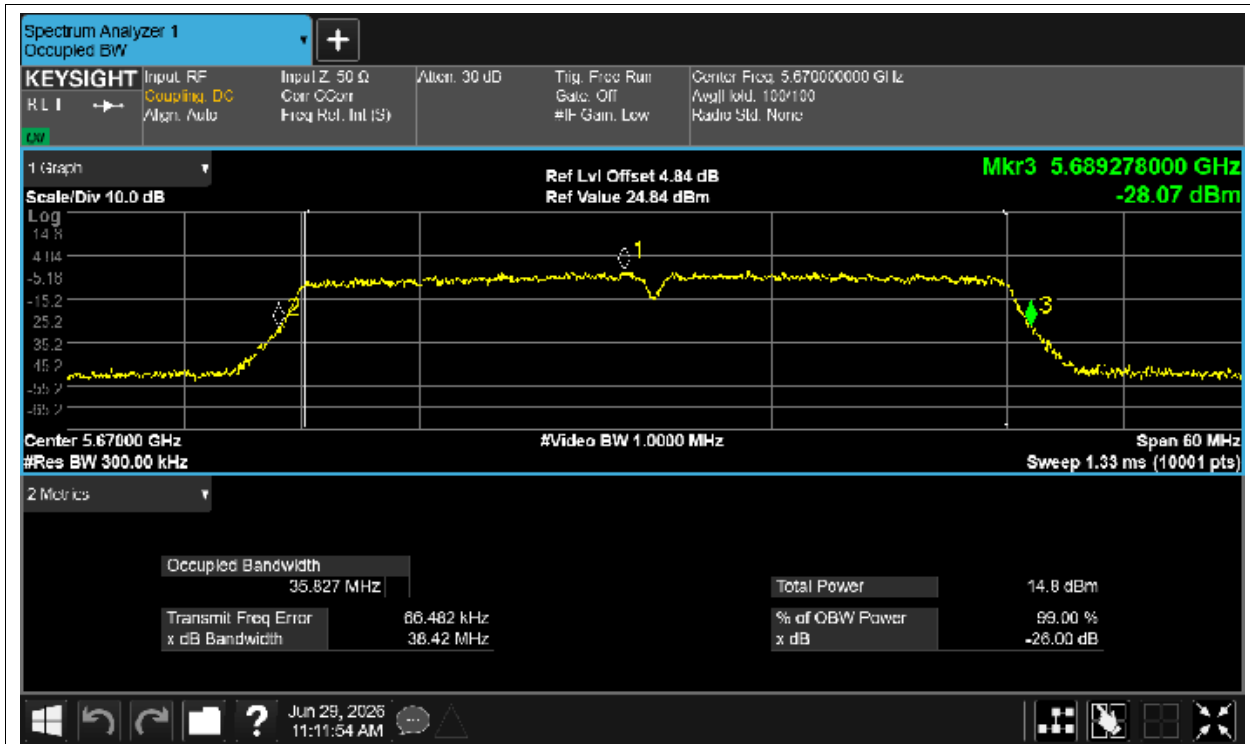
-26dB Bandwidth NVNT n40 5590MHz Ant1



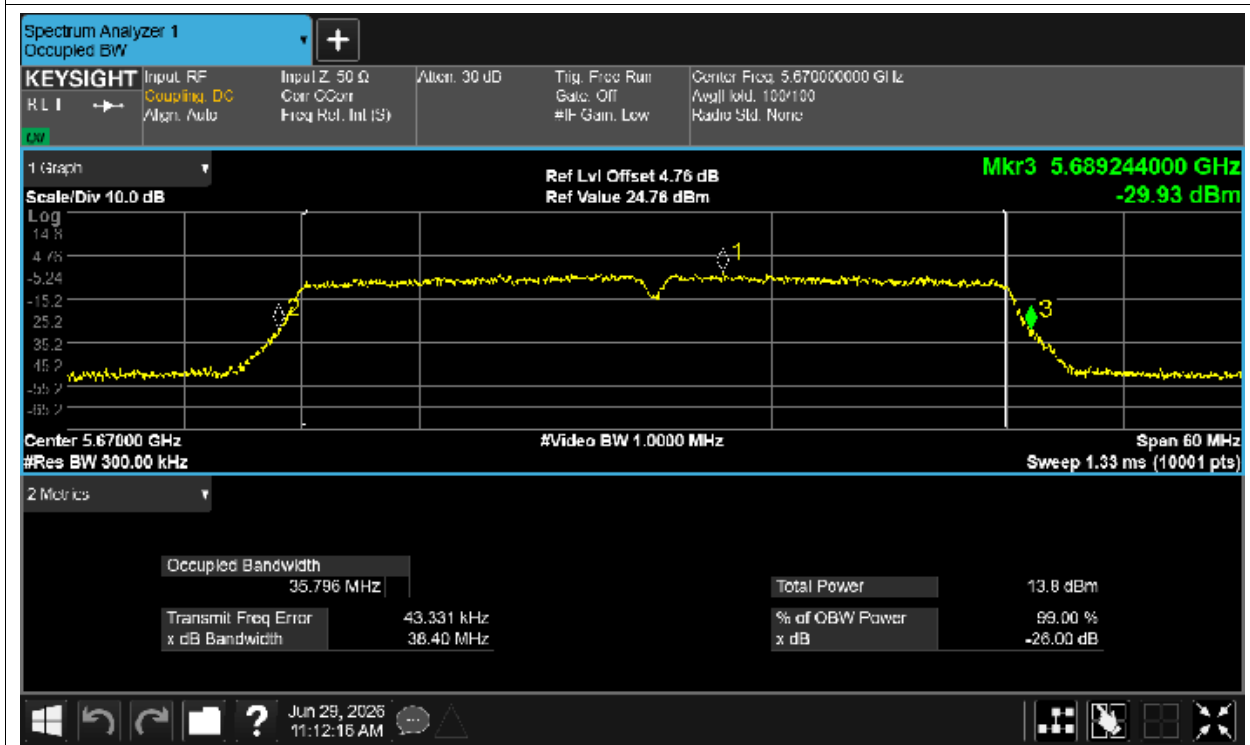
-26dB Bandwidth NVNT n40 5590MHz Ant2



-26dB Bandwidth NVNT n40 5670MHz Ant1



-26dB Bandwidth NVNT n40 5670MHz Ant2

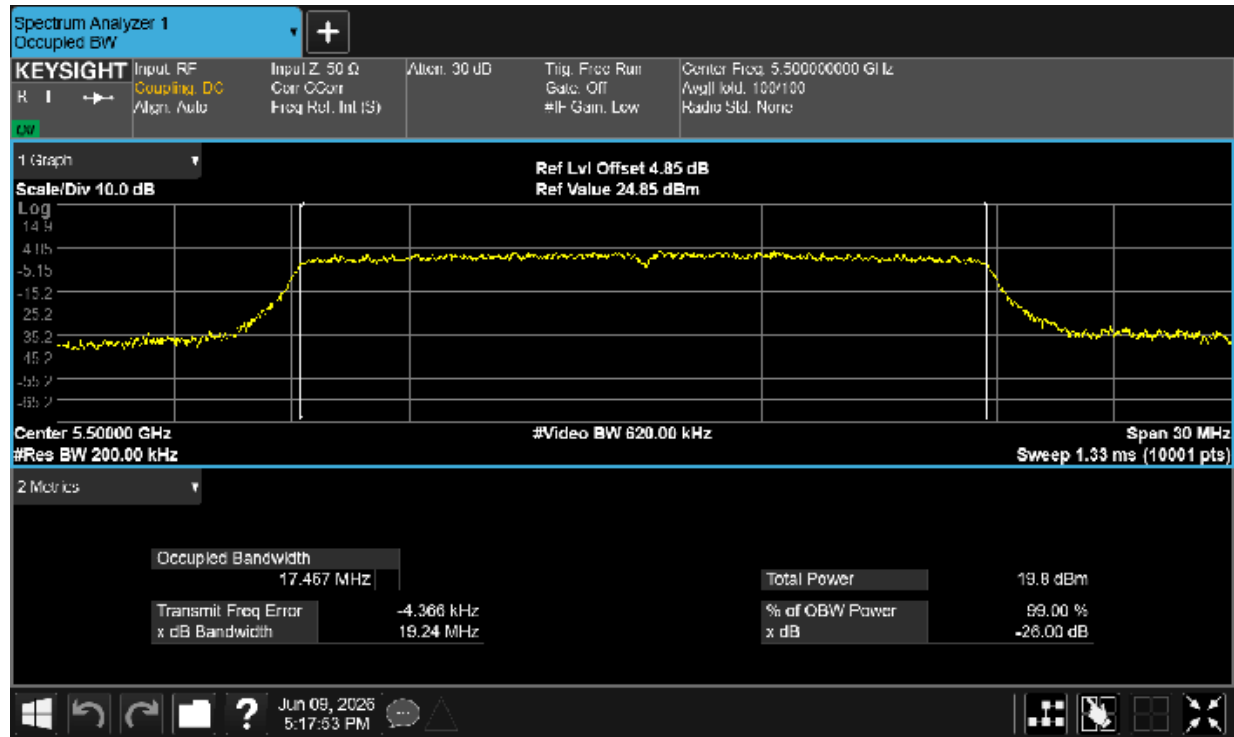


Occupied Channel Bandwidth

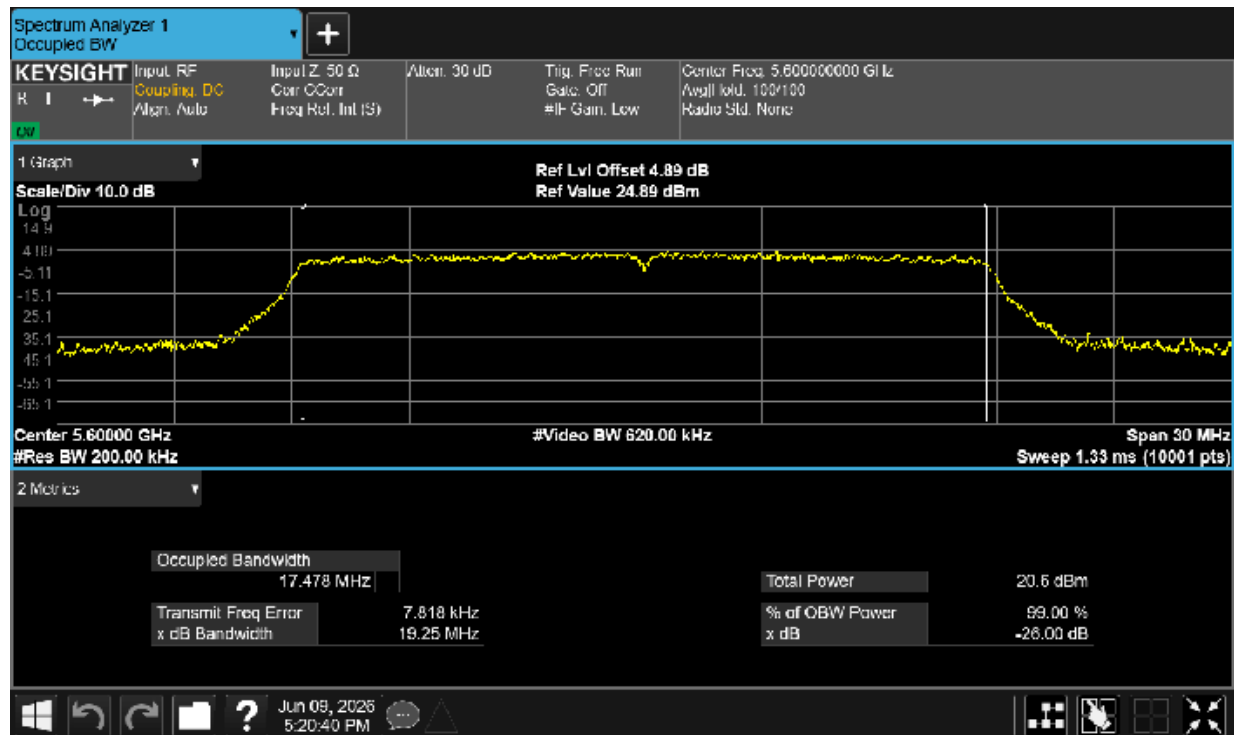
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	17.467
NVNT	a	5600	Ant1	17.478
NVNT	a	5700	Ant1	17.472
NVNT	a	5500	Ant2	16.264
NVNT	a	5600	Ant2	16.278
NVNT	a	5700	Ant2	16.265
NVNT	ac20	5500	Ant1	17.47
NVNT	ac20	5500	Ant2	17.481
NVNT	ac20	5600	Ant1	17.475
NVNT	ac20	5600	Ant2	17.456
NVNT	ac20	5700	Ant1	17.481
NVNT	ac20	5700	Ant2	17.476
NVNT	ac40	5510	Ant1	35.787
NVNT	ac40	5510	Ant2	35.917
NVNT	ac40	5590	Ant1	35.896
NVNT	ac40	5590	Ant2	35.79
NVNT	ac40	5670	Ant1	35.834
NVNT	ac40	5670	Ant2	35.777
NVNT	ac80	5530	Ant1	74.791
NVNT	ac80	5530	Ant2	74.672
NVNT	ac80	5610	Ant1	74.382
NVNT	ac80	5610	Ant2	74.43
NVNT	n20	5500	Ant1	17.475
NVNT	n20	5500	Ant2	17.485
NVNT	n20	5600	Ant1	17.474
NVNT	n20	5600	Ant2	17.471
NVNT	n20	5700	Ant1	17.468
NVNT	n20	5700	Ant2	17.467
NVNT	n40	5510	Ant1	35.828
NVNT	n40	5510	Ant2	35.766
NVNT	n40	5590	Ant1	35.882
NVNT	n40	5590	Ant2	35.779
NVNT	n40	5670	Ant1	35.858
NVNT	n40	5670	Ant2	35.83

Test Graphs

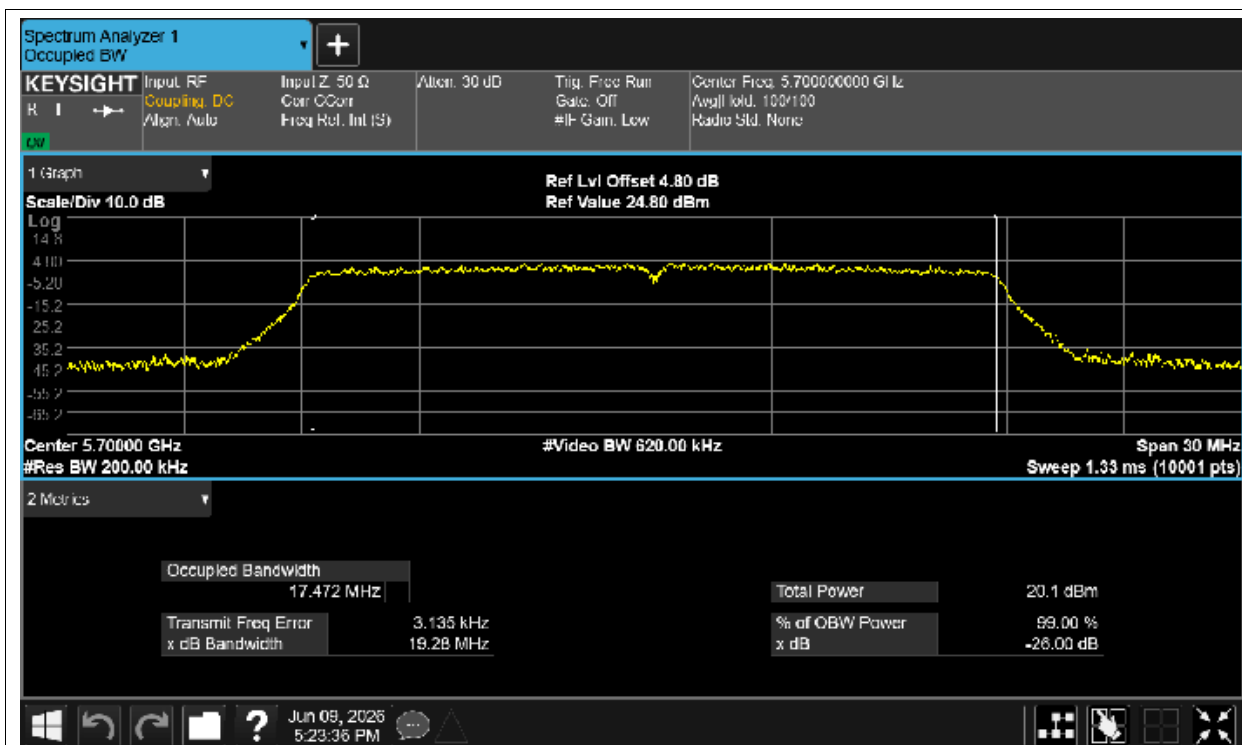
OBW NVNT a 5500MHz Ant1



OBW NVNT a 5600MHz Ant1



OBW NVNT a 5700MHz Ant1



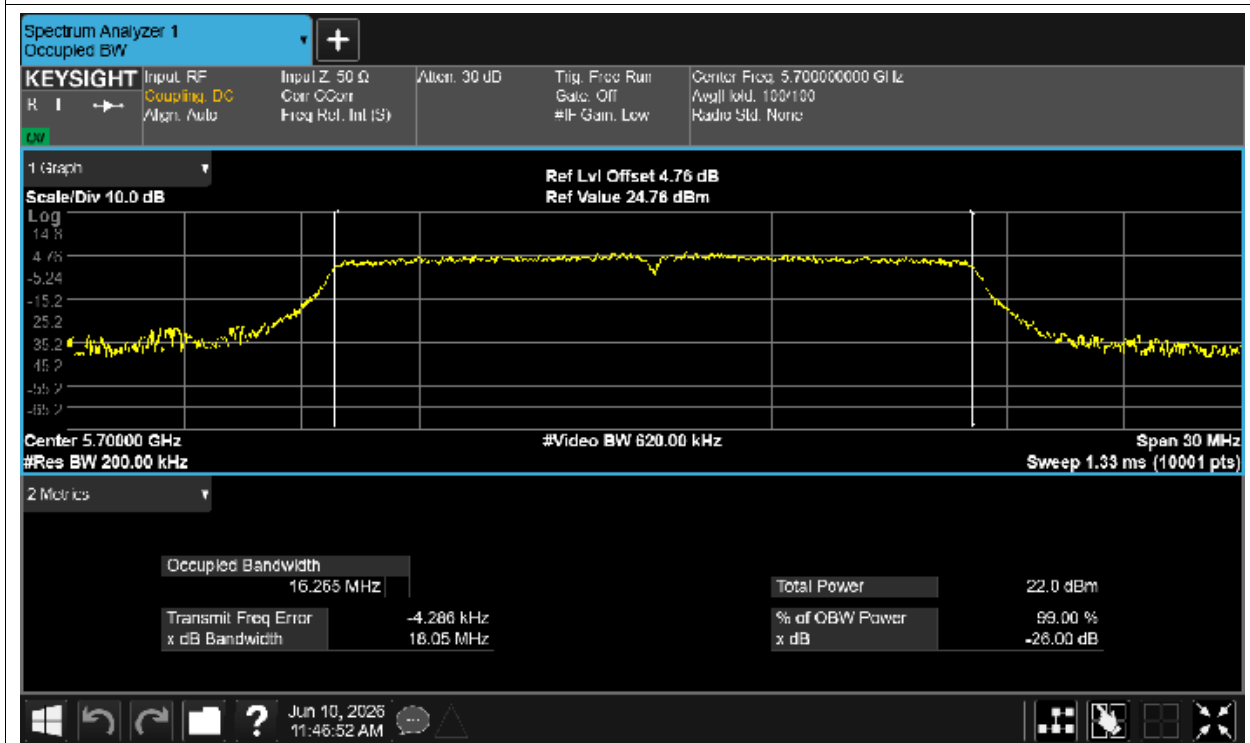
OBW NVNT a 5500MHz Ant2



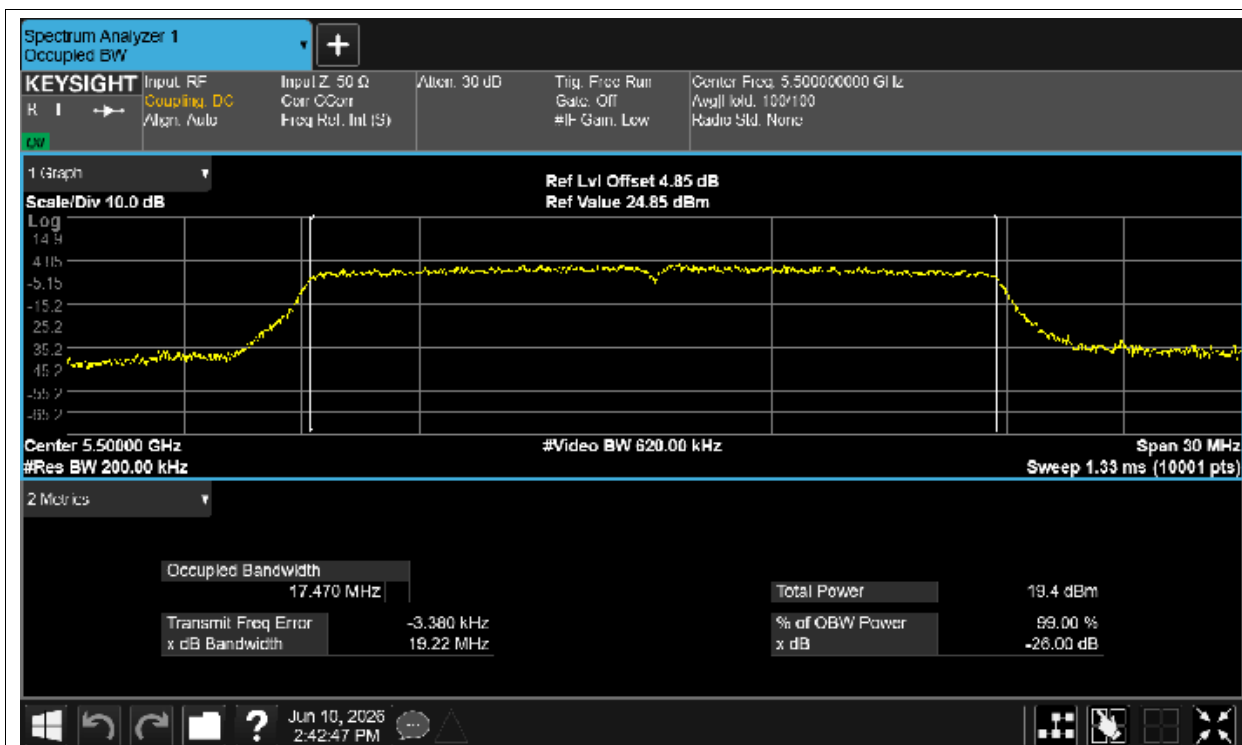
OBW NVNT a 5600MHz Ant2



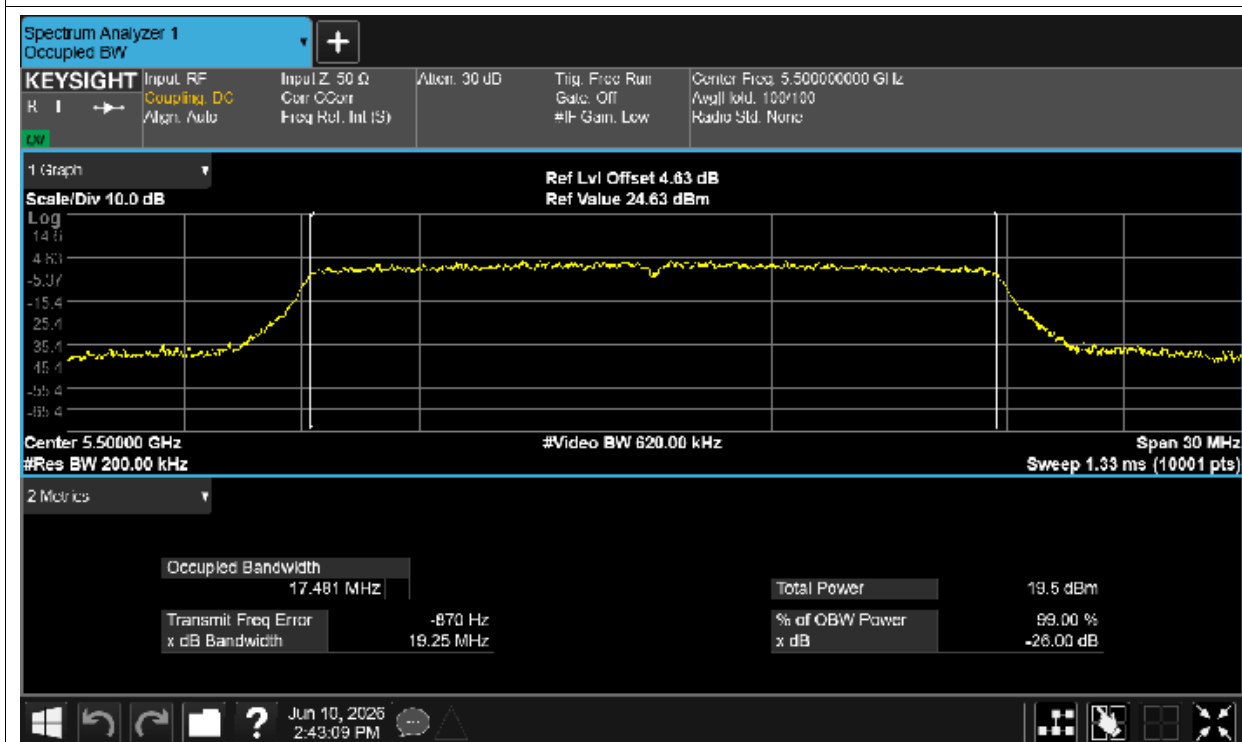
OBW NVNT a 5700MHz Ant2



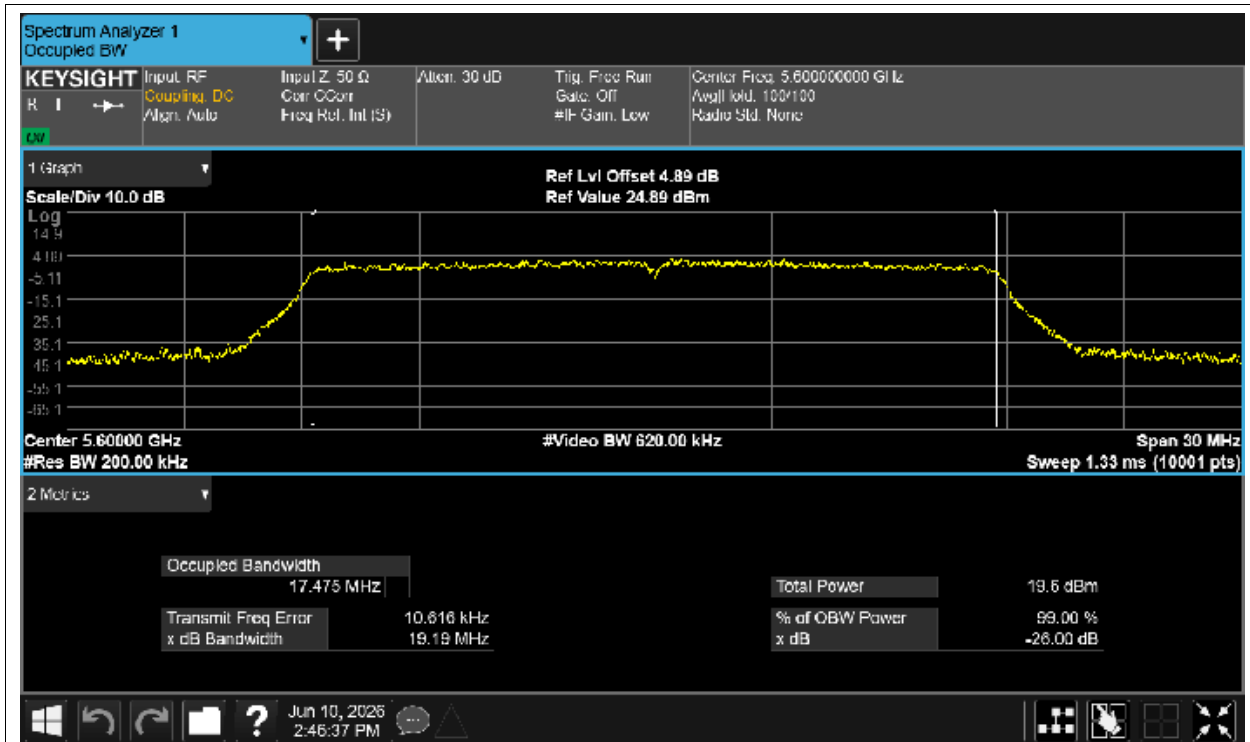
OBW NVNT ac20 5500MHz Ant1



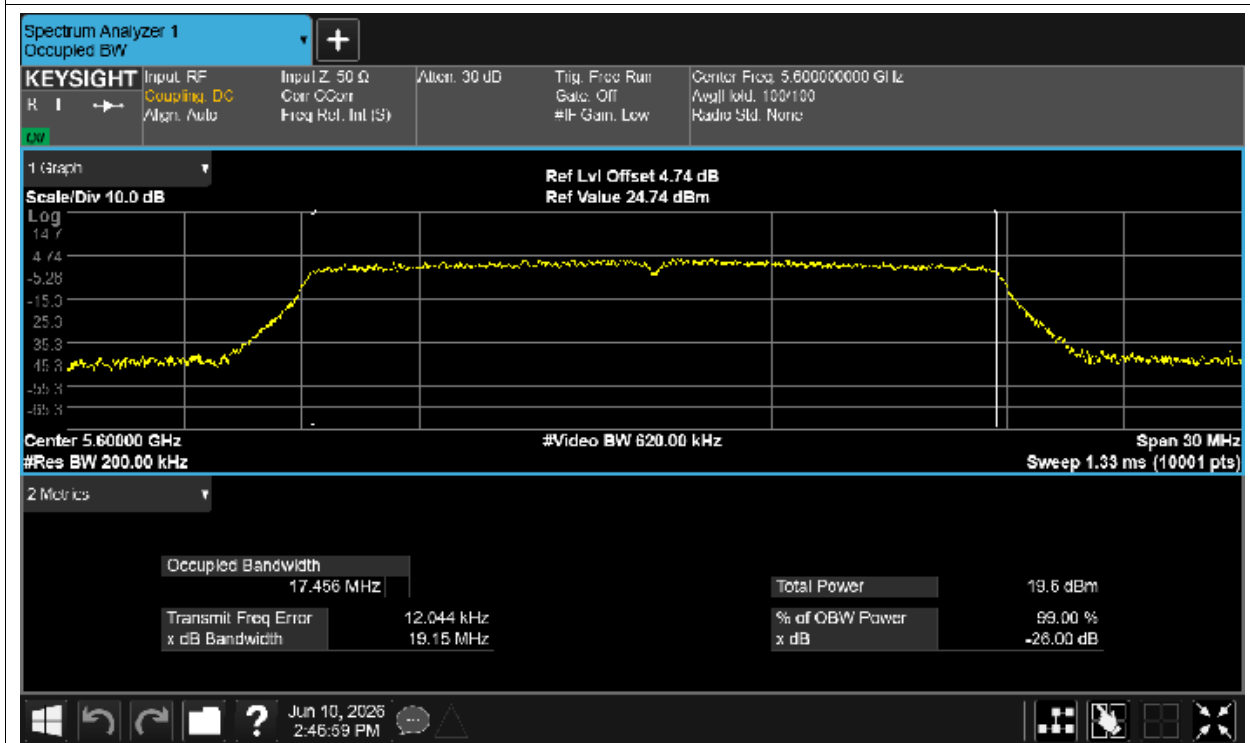
OBW NVNT ac20 5500MHz Ant2



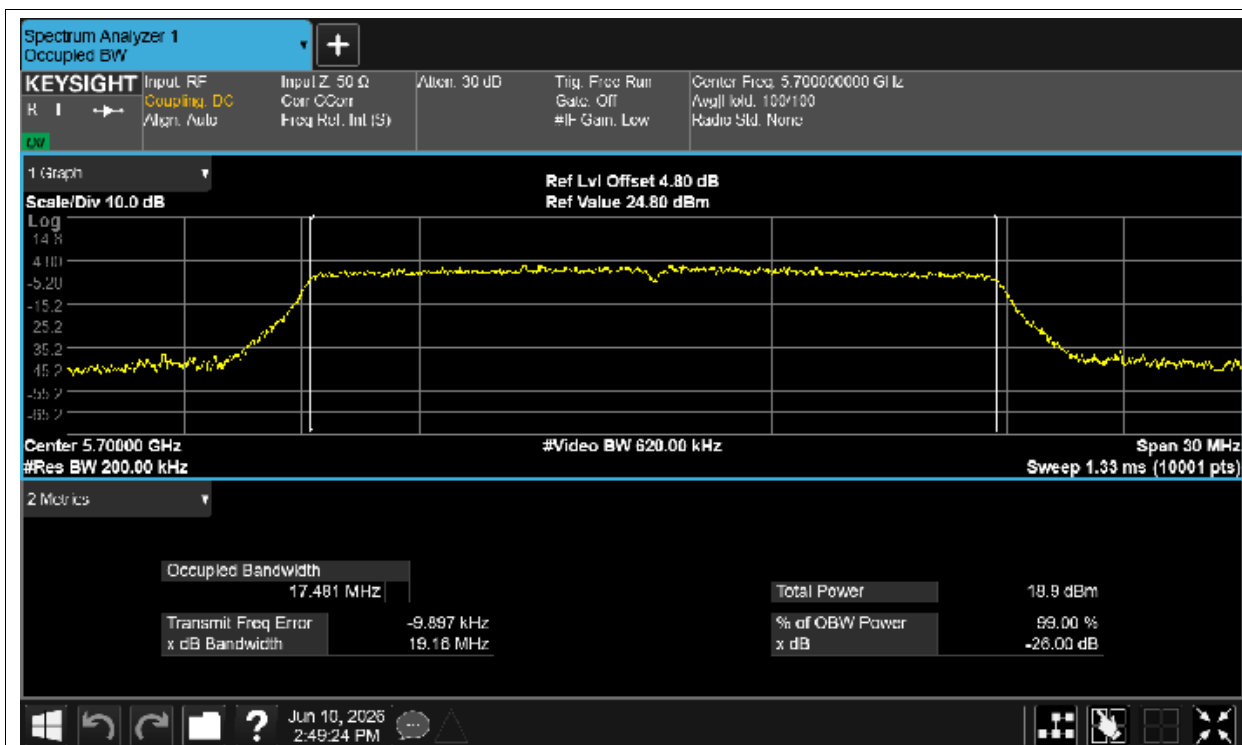
OBW NVNT ac20 5600MHz Ant1



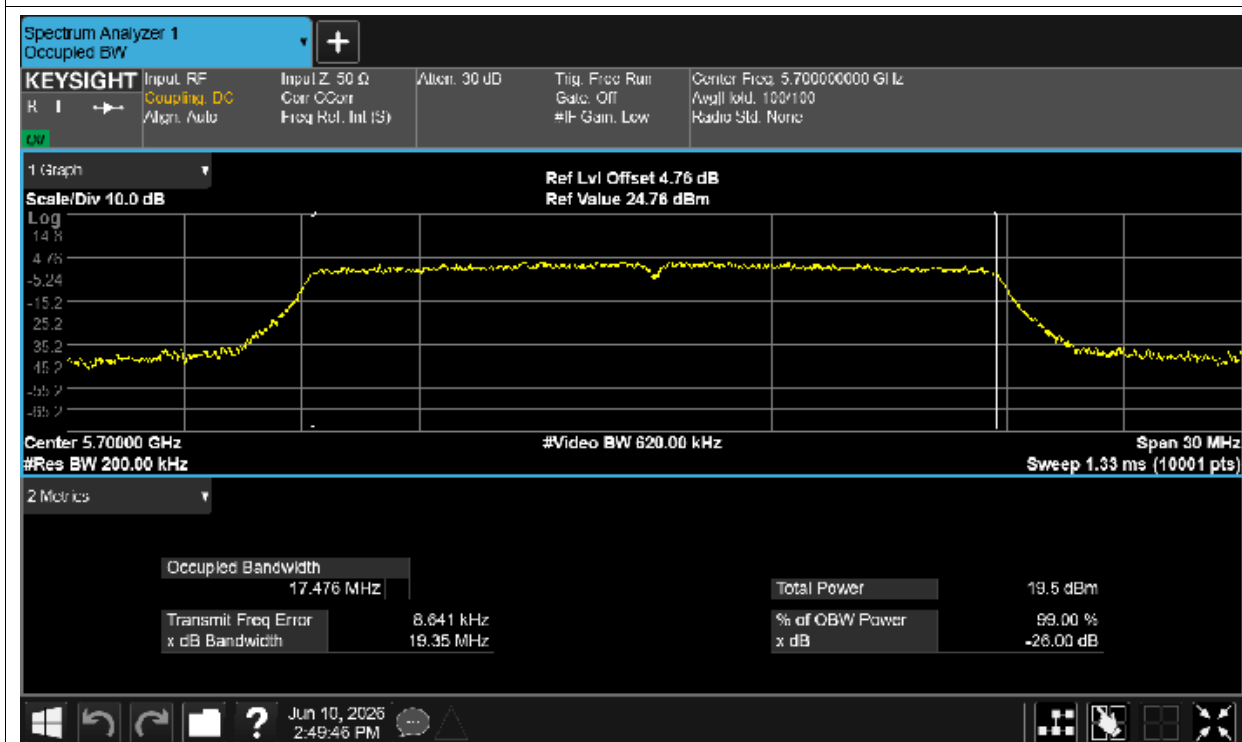
OBW NVNT ac20 5600MHz Ant2



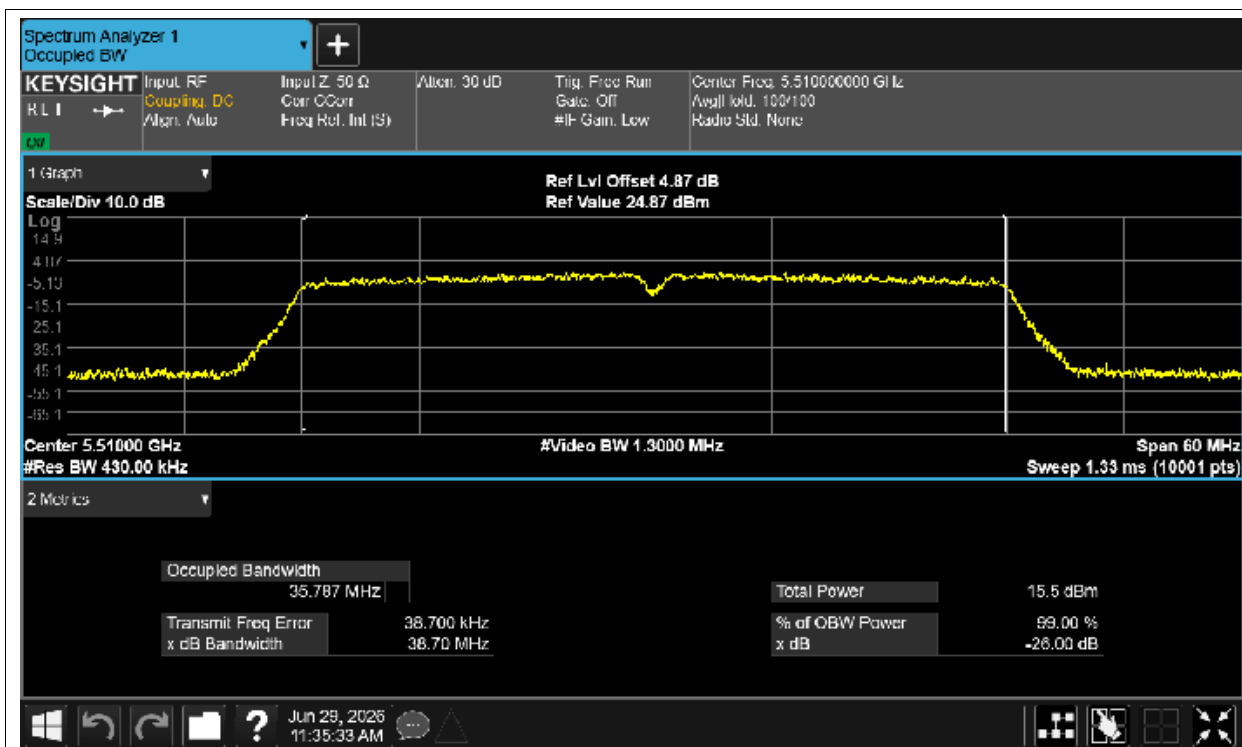
OBW NVNT ac20 5700MHz Ant1



OBW NVNT ac20 5700MHz Ant2



OBW NVNT ac40 5510MHz Ant1



OBW NVNT ac40 5510MHz Ant2



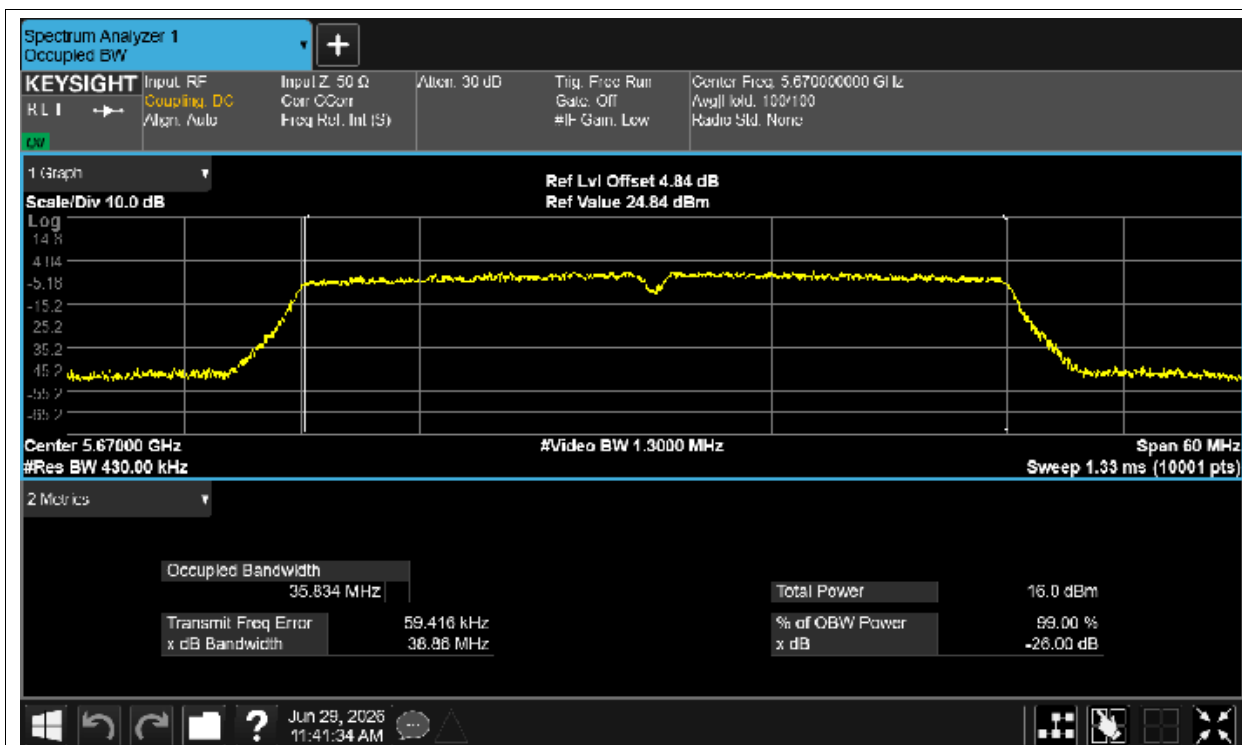
OBW NVNT ac40 5590MHz Ant1



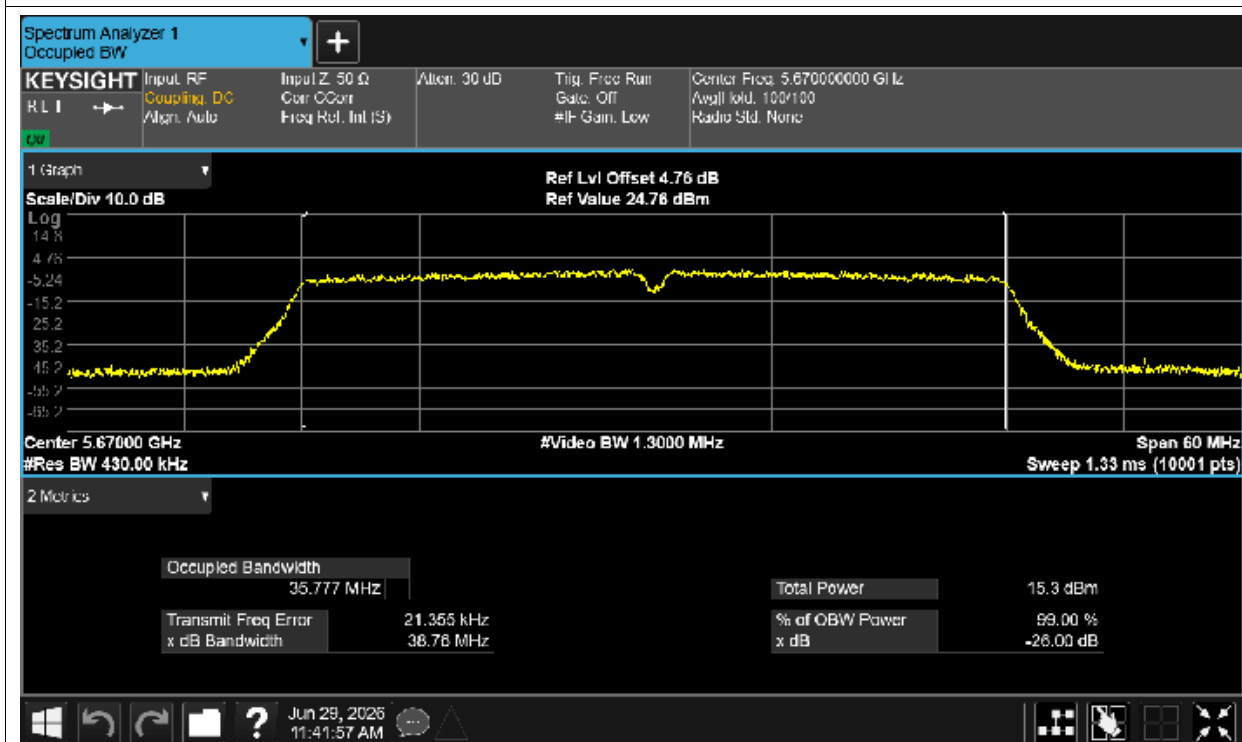
OBW NVNT ac40 5590MHz Ant2



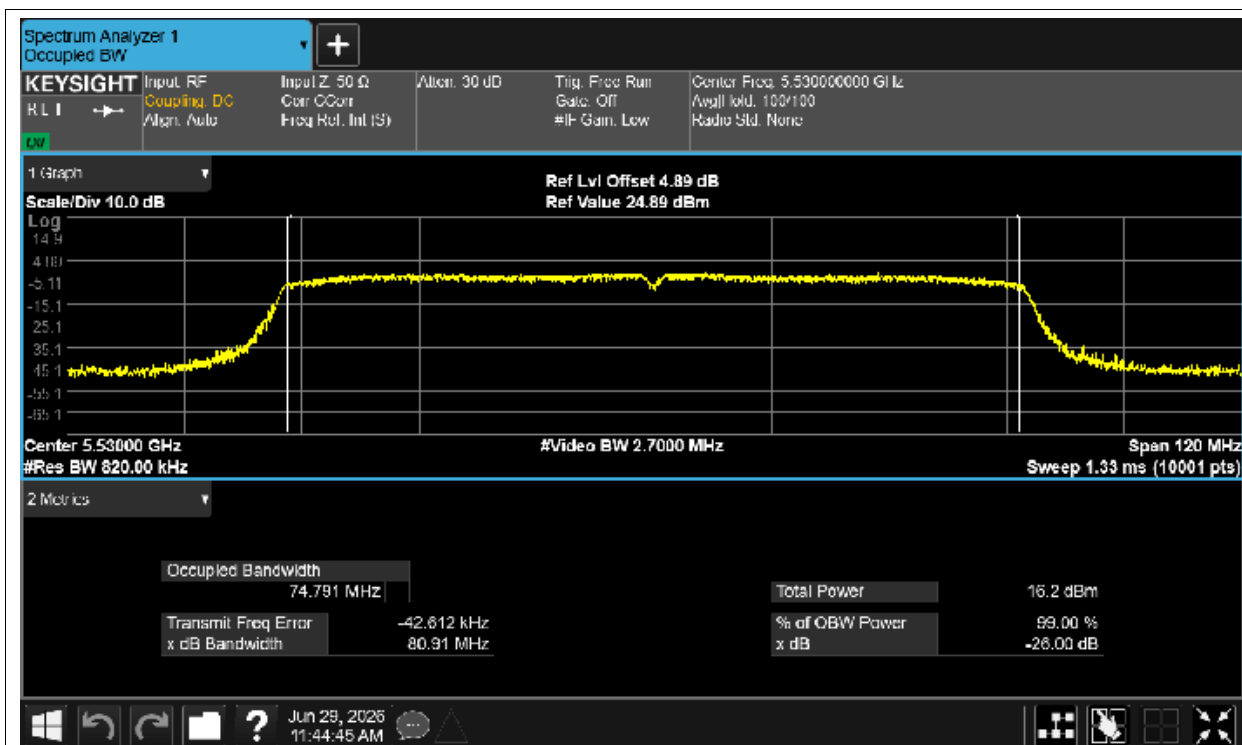
OBW NVNT ac40 5670MHz Ant1



OBW NVNT ac40 5670MHz Ant2



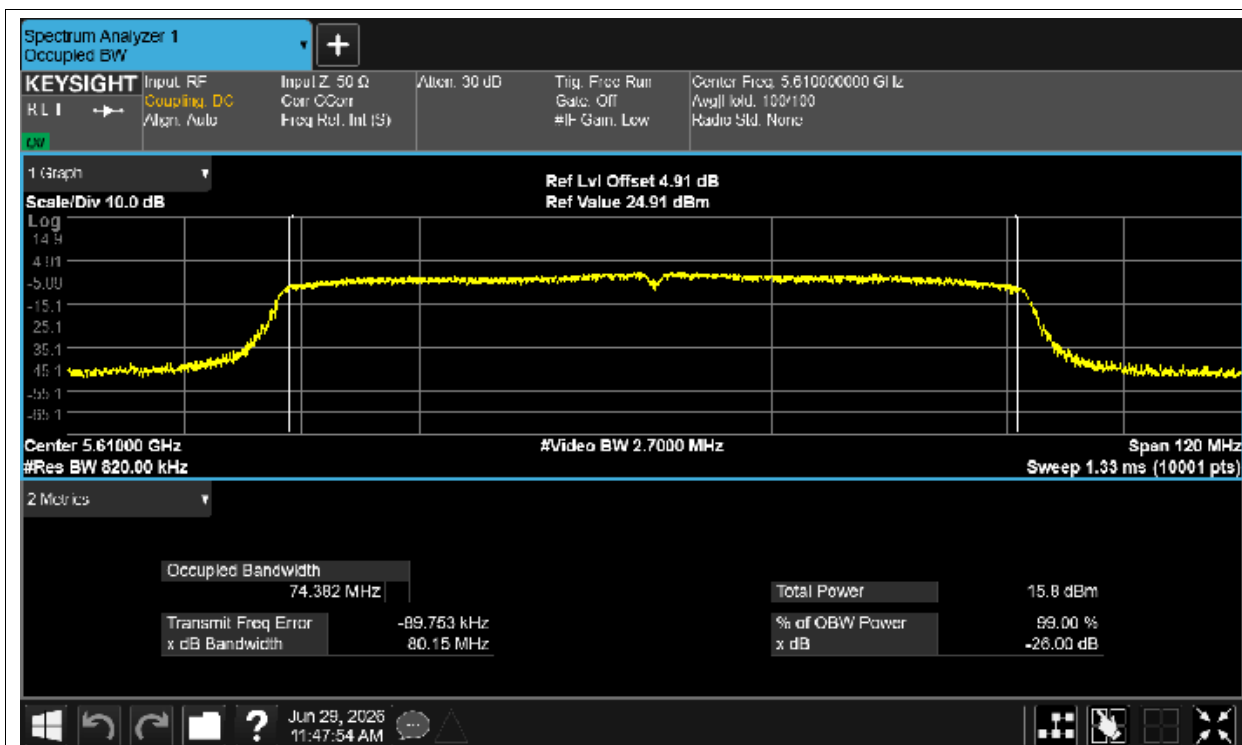
OBW NVNT ac80 5530MHz Ant1



OBW NVNT ac80 5530MHz Ant2



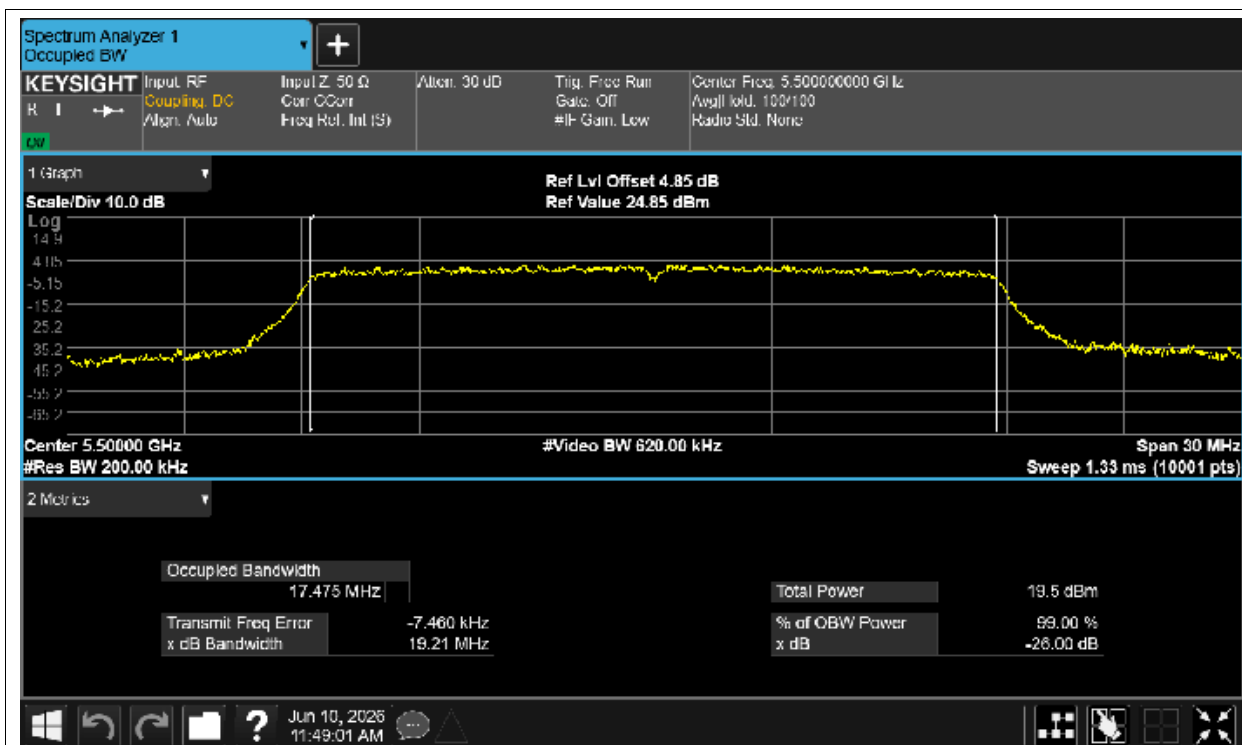
OBW NVNT ac80 5610MHz Ant1



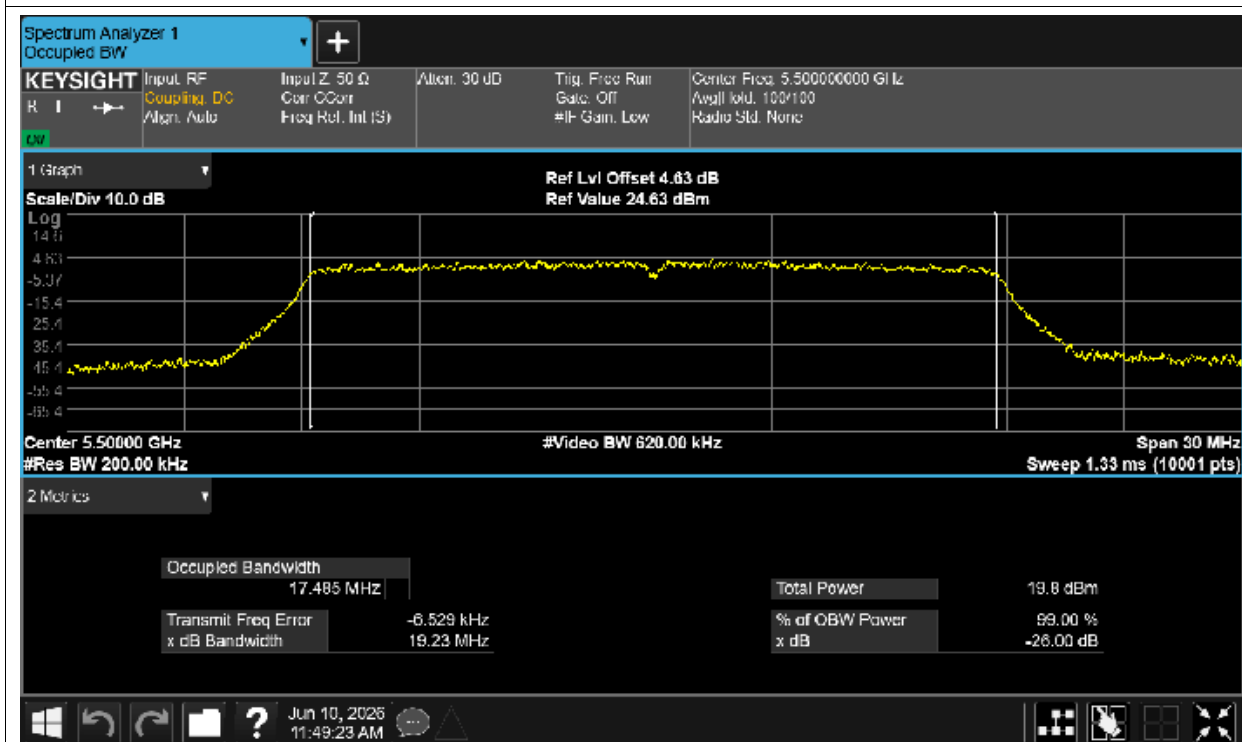
OBW NVNT ac80 5610MHz Ant2



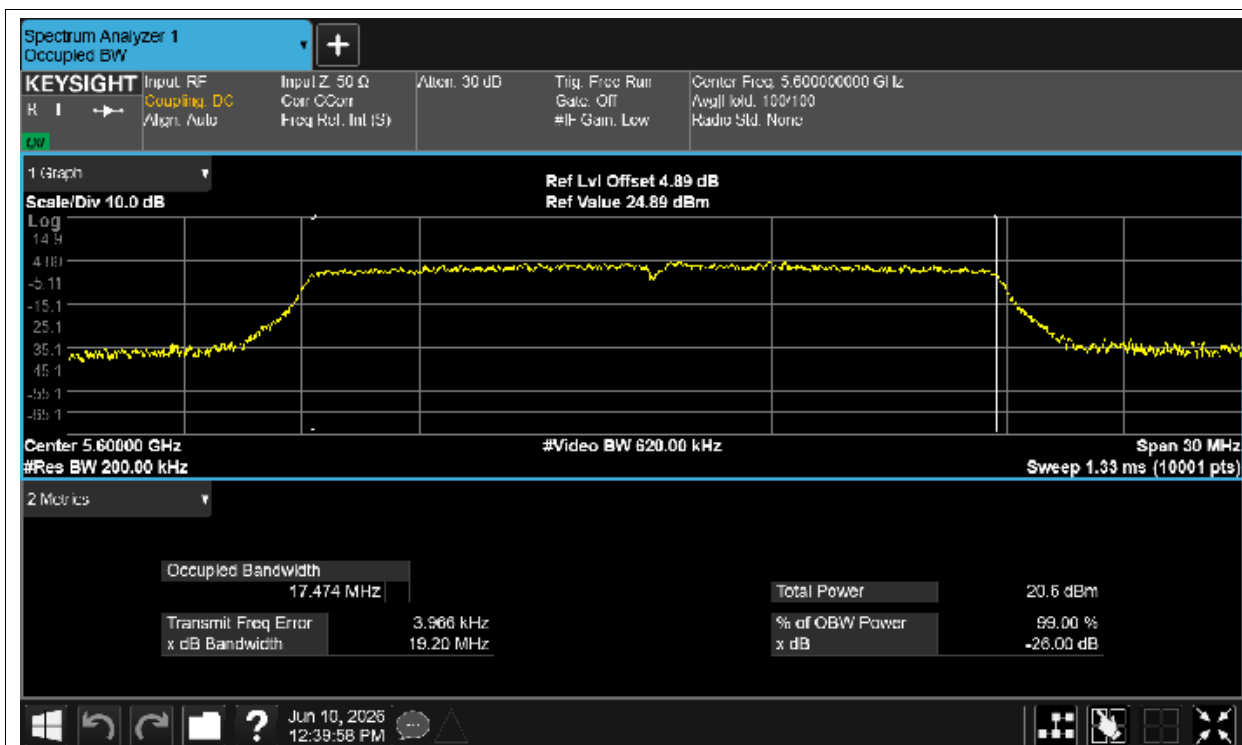
OBW NVNT n20 5500MHz Ant1



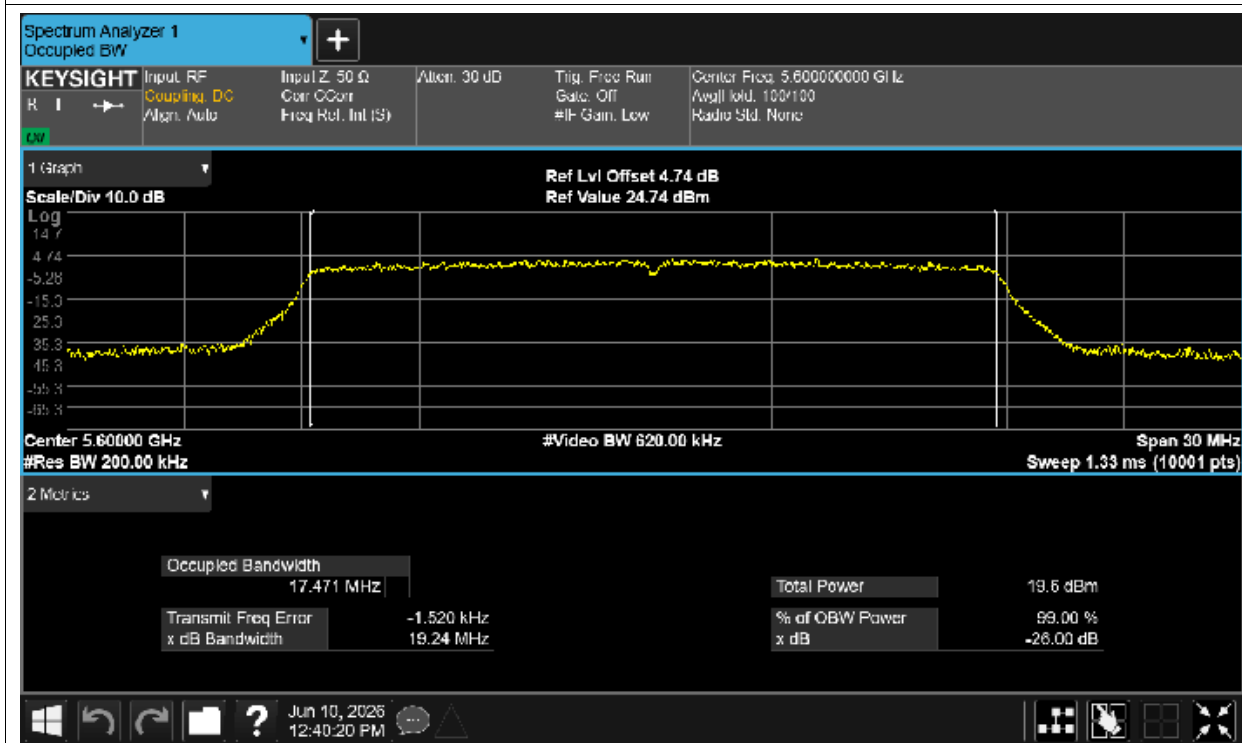
OBW NVNT n20 5500MHz Ant2



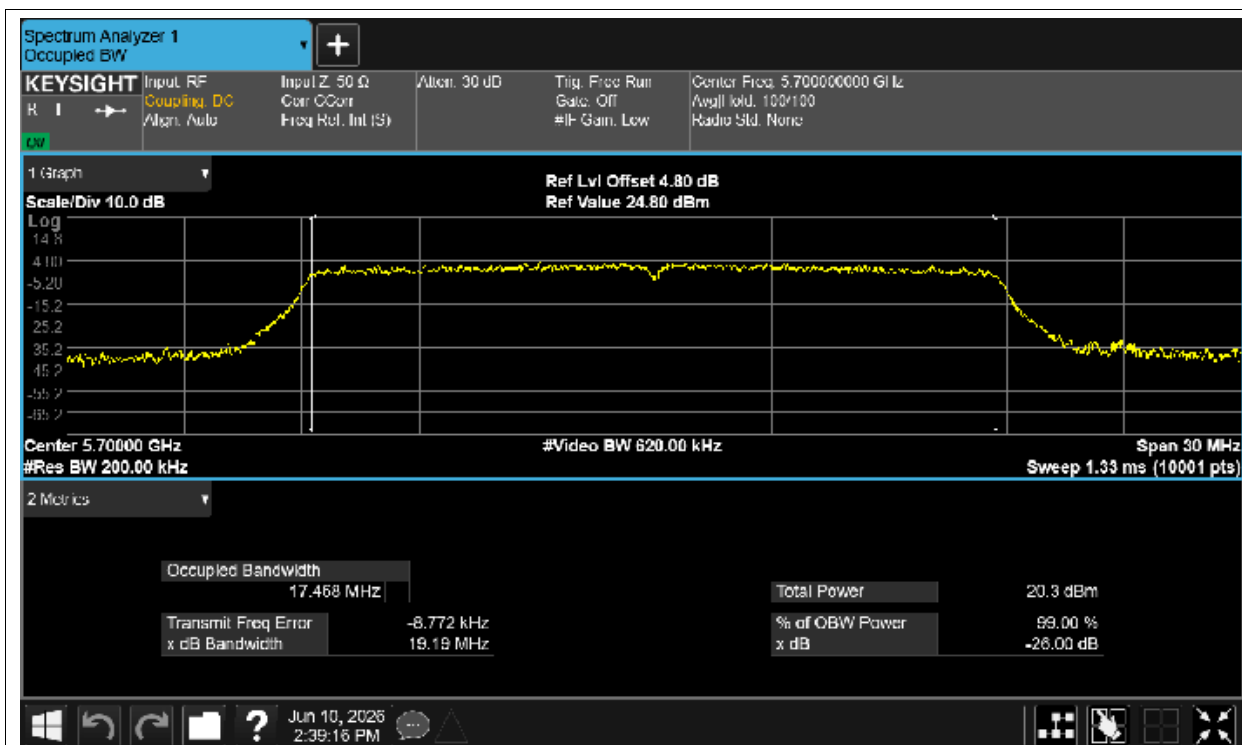
OBW NVNT n20 5600MHz Ant1



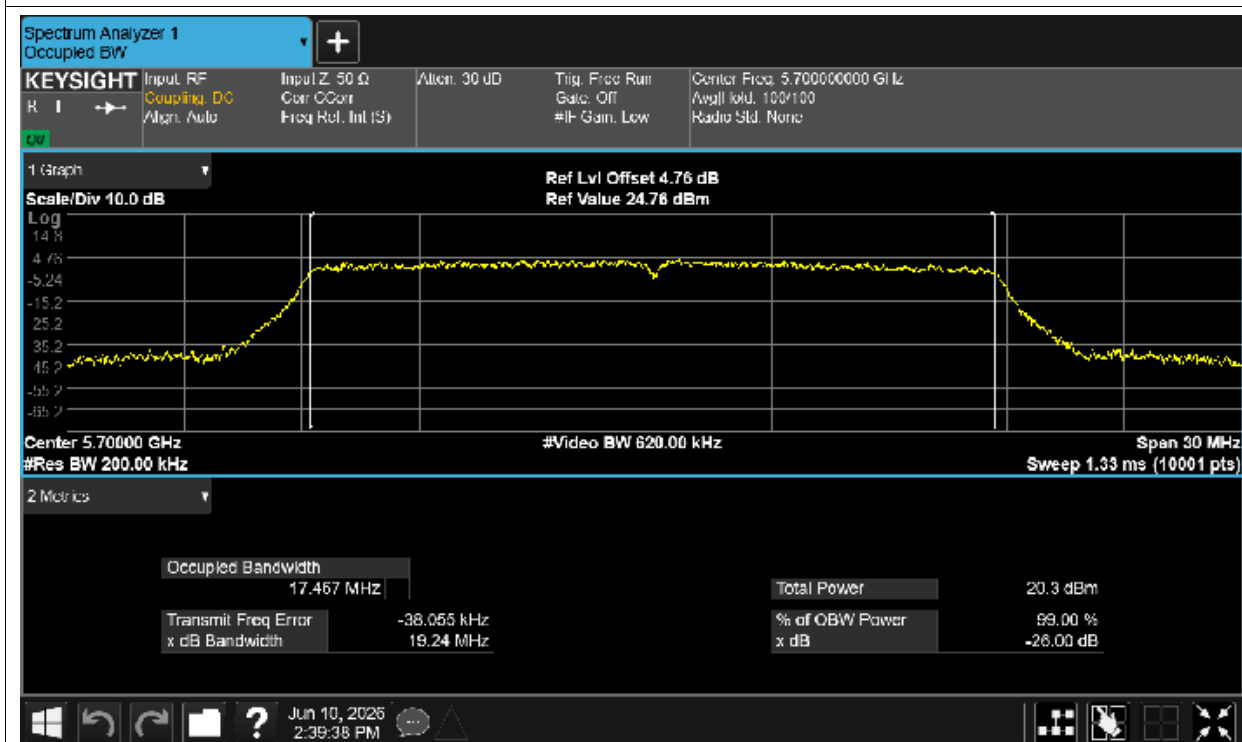
OBW NVNT n20 5600MHz Ant2



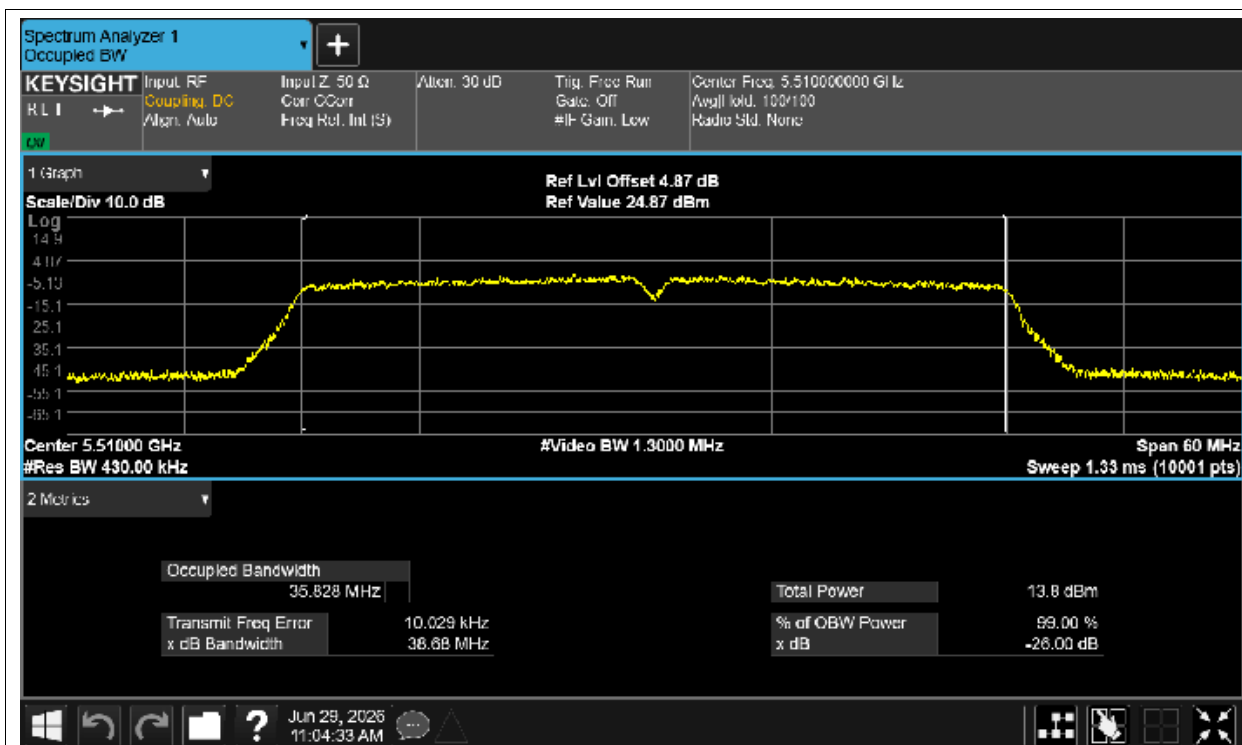
OBW NVNT n20 5700MHz Ant1



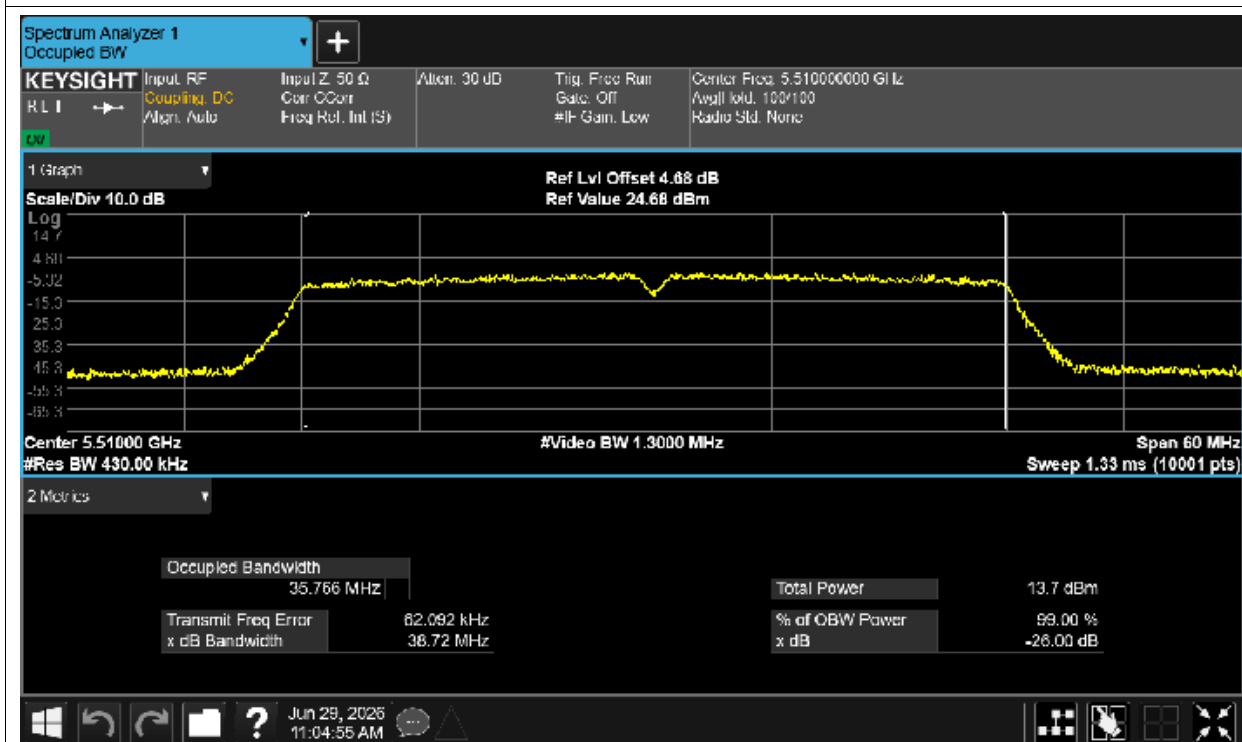
OBW NVNT n20 5700MHz Ant2



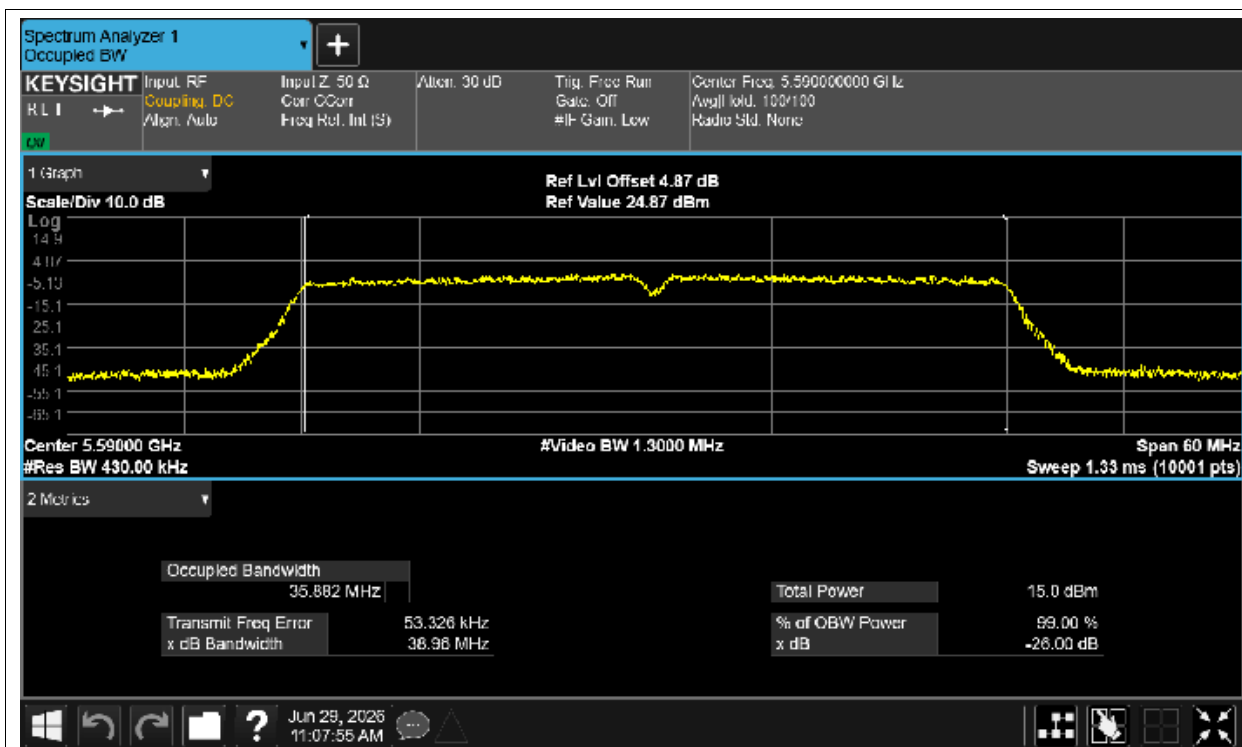
OBW NVNT n40 5510MHz Ant1



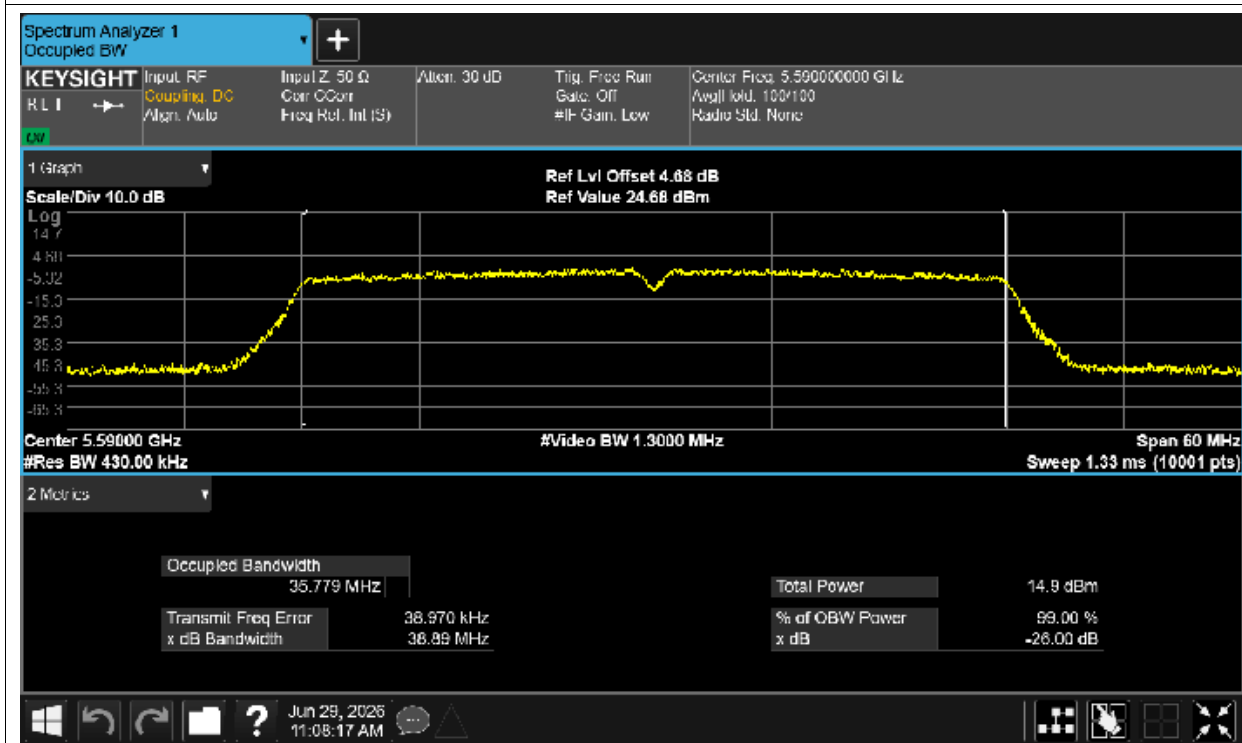
OBW NVNT n40 5510MHz Ant2



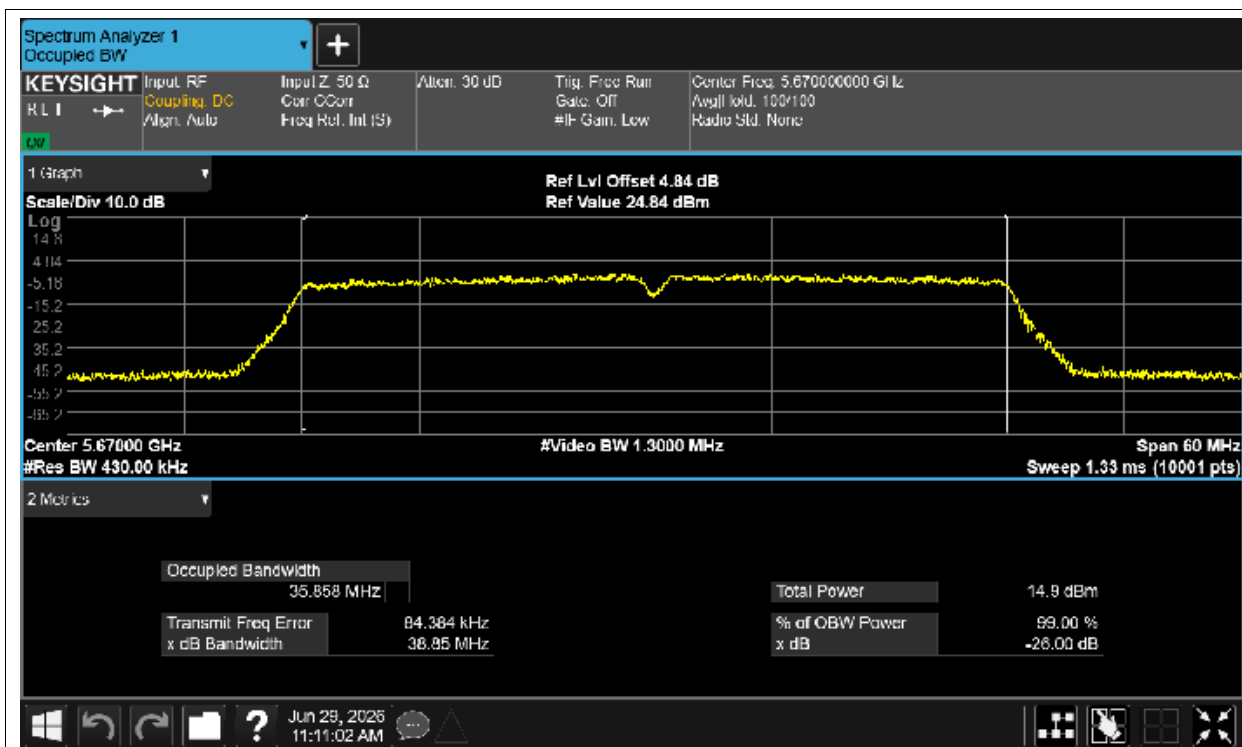
OBW NVNT n40 5590MHz Ant1



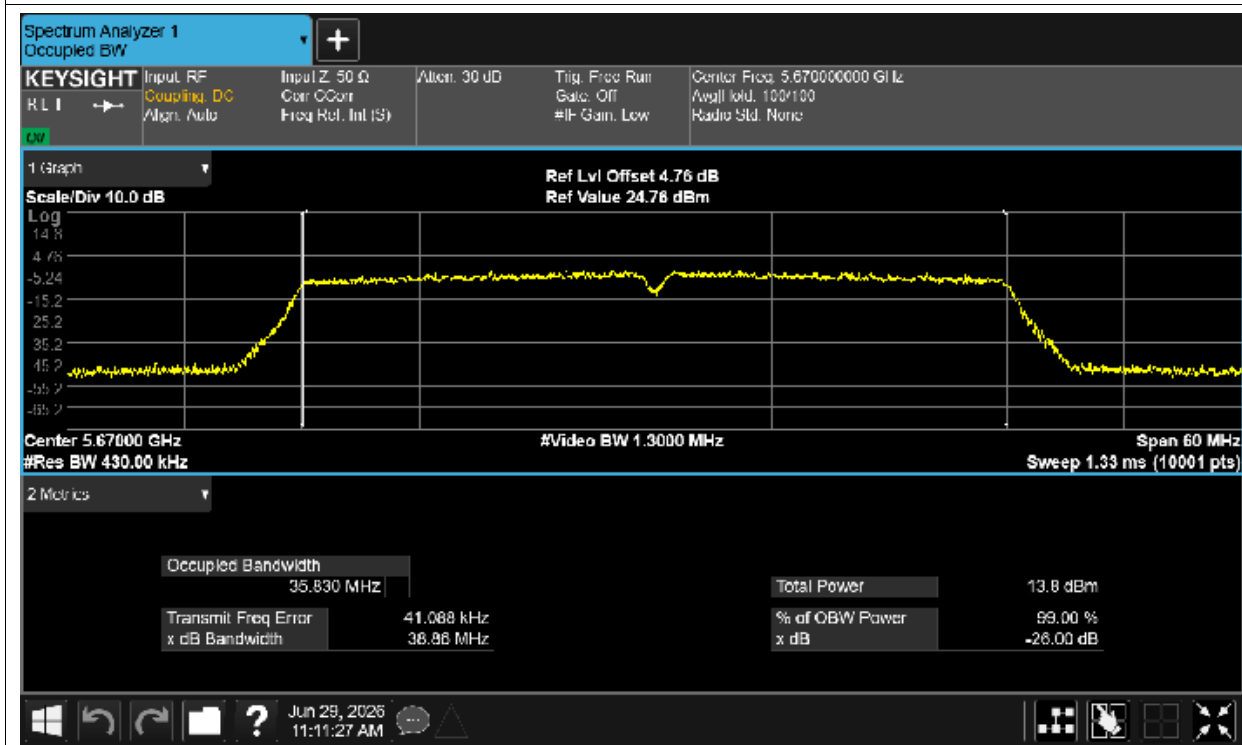
OBW NVNT n40 5590MHz Ant2



OBW NVNT n40 5670MHz Ant1



OBW NVNT n40 5670MHz Ant2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Duty Factor (dB)	Max PSD (dBm/MHz)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	0	4.416	4.416	11	Pass
NVNT	a	5600	Ant1	0	-50.661	-50.661	11	Pass
NVNT	a	5700	Ant1	0	4.897	4.897	11	Pass
NVNT	a	5500	Ant2	0	6.462	6.462	11	Pass
NVNT	a	5600	Ant2	0	6.619	6.619	11	Pass
NVNT	a	5700	Ant2	0	6.967	6.967	11	Pass
NVNT	ac20	5500	Ant1	0	3.77	3.77	9.18	Pass
NVNT	ac20	5500	Ant2	0	3.936	3.936	9.18	Pass
NVNT	ac20	5500	Sum	0	6.864	6.864	9.18	Pass
NVNT	ac20	5600	Ant1	0	3.94	3.94	9.18	Pass
NVNT	ac20	5600	Ant2	0	4.432	4.432	9.18	Pass
NVNT	ac20	5600	Sum	0	7.203	7.203	9.18	Pass
NVNT	ac20	5700	Ant1	0	3.283	3.283	9.18	Pass
NVNT	ac20	5700	Ant2	0	3.914	3.914	9.18	Pass
NVNT	ac20	5700	Sum	0	6.62	6.62	9.18	Pass
NVNT	ac40	5510	Ant1	0	-3.632	-3.632	9.18	Pass
NVNT	ac40	5510	Ant2	0	-2.803	-2.803	9.18	Pass
NVNT	ac40	5510	Sum	0	-0.187	-0.187	9.18	Pass
NVNT	ac40	5590	Ant1	0	-2.847	-2.847	9.18	Pass
NVNT	ac40	5590	Ant2	0	-2.263	-2.263	9.18	Pass
NVNT	ac40	5590	Sum	0	0.465	0.465	9.18	Pass
NVNT	ac40	5670	Ant1	0	-2.619	-2.619	9.18	Pass
NVNT	ac40	5670	Ant2	0	-3.398	-3.398	9.18	Pass
NVNT	ac40	5670	Sum	0	0.019	0.019	9.18	Pass
NVNT	ac80	5530	Ant1	0	-6.936	-6.936	9.18	Pass
NVNT	ac80	5530	Ant2	0	-7.395	-7.395	9.18	Pass
NVNT	ac80	5530	Sum	0	-4.149	-4.149	9.18	Pass
NVNT	ac80	5610	Ant1	0	-5.941	-5.941	9.18	Pass
NVNT	ac80	5610	Ant2	0	-7.488	-7.488	9.18	Pass
NVNT	ac80	5610	Sum	0	-3.636	-3.636	9.18	Pass
NVNT	n20	5500	Ant1	0	4.241	4.241	9.18	Pass
NVNT	n20	5500	Ant2	0	4.388	4.388	9.18	Pass
NVNT	n20	5500	Sum	0	7.325	7.325	9.18	Pass
NVNT	n20	5600	Ant1	0	4.729	4.729	9.18	Pass
NVNT	n20	5600	Ant2	0	4.075	4.075	9.18	Pass
NVNT	n20	5600	Sum	0	7.425	7.425	9.18	Pass
NVNT	n20	5700	Ant1	0	4.406	4.406	9.18	Pass
NVNT	n20	5700	Ant2	0	4.887	4.887	9.18	Pass
NVNT	n20	5700	Sum	0	7.663	7.663	9.18	Pass
NVNT	n40	5510	Ant1	0	-4.568	-4.568	9.18	Pass

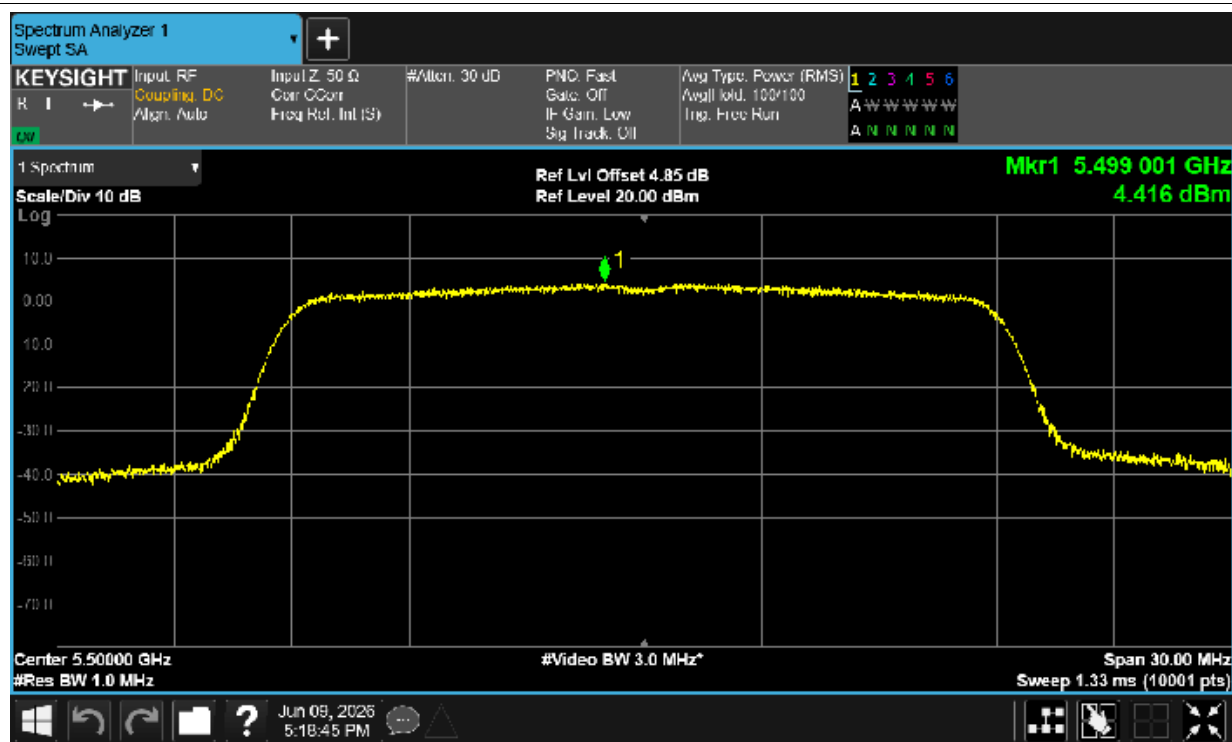
NVNT	n40	5510	Ant2	0	-4.756	-4.756	9.18	Pass
NVNT	n40	5510	Sum	0	-1.651	-1.651	9.18	Pass
NVNT	n40	5590	Ant1	0	-4.029	-4.029	9.18	Pass
NVNT	n40	5590	Ant2	0	-3.566	-3.566	9.18	Pass
NVNT	n40	5590	Sum	0	-0.781	-0.781	9.18	Pass
NVNT	n40	5670	Ant1	0	-3.723	-3.723	9.18	Pass
NVNT	n40	5670	Ant2	0	-4.736	-4.736	9.18	Pass
NVNT	n40	5670	Sum	0	-1.19	-1.19	9.18	Pass

Note: The limits need reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

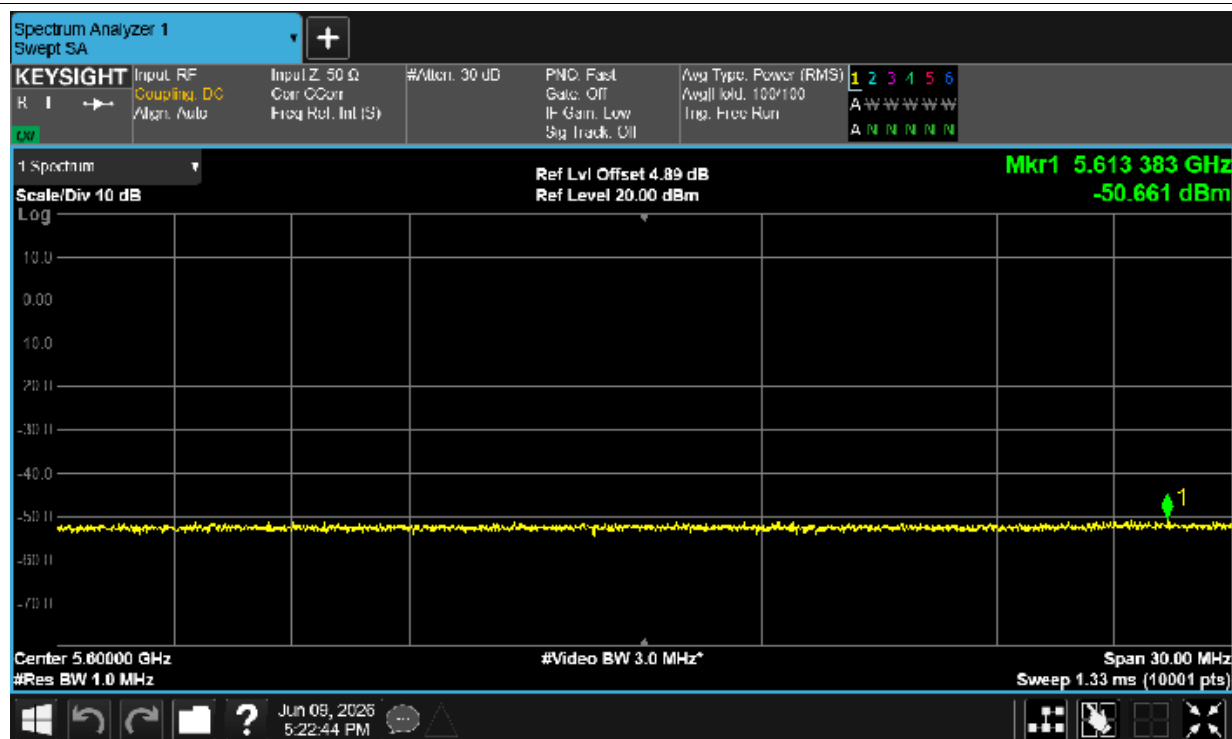
For MIMO mode: ant gain is $4.81+10*\log_{10}(2) = 4.81+3.01=7.82\text{dBi}$, the limit is $11-(7.82-6) = 9.18\text{dbm}$

Test Graphs

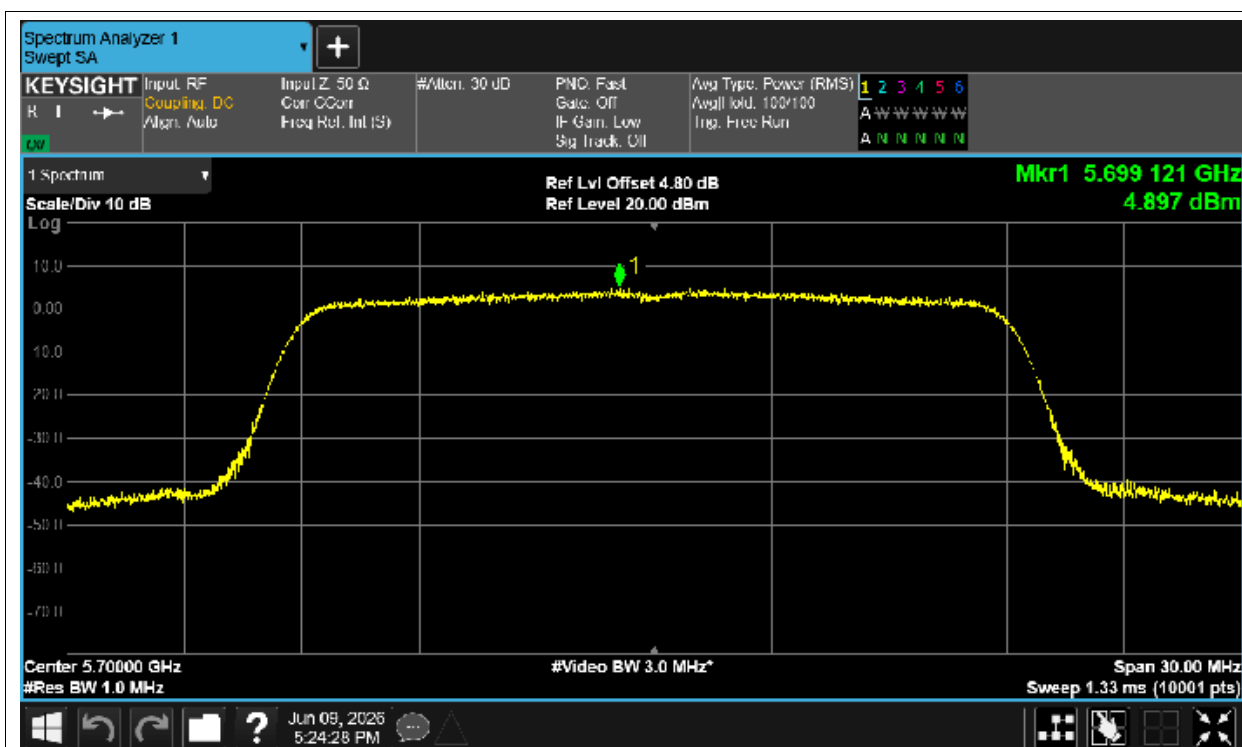
PSD NVNT a 5500MHz Ant1



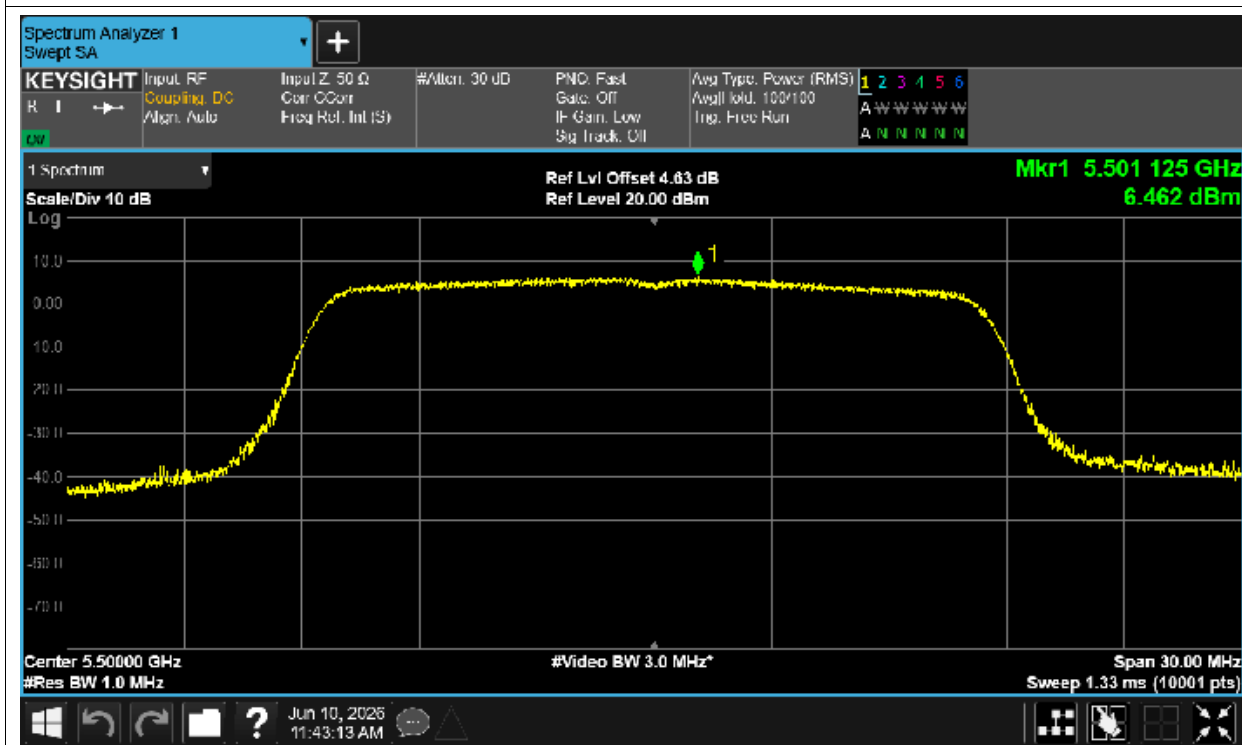
PSD NVNT a 5600MHz Ant1



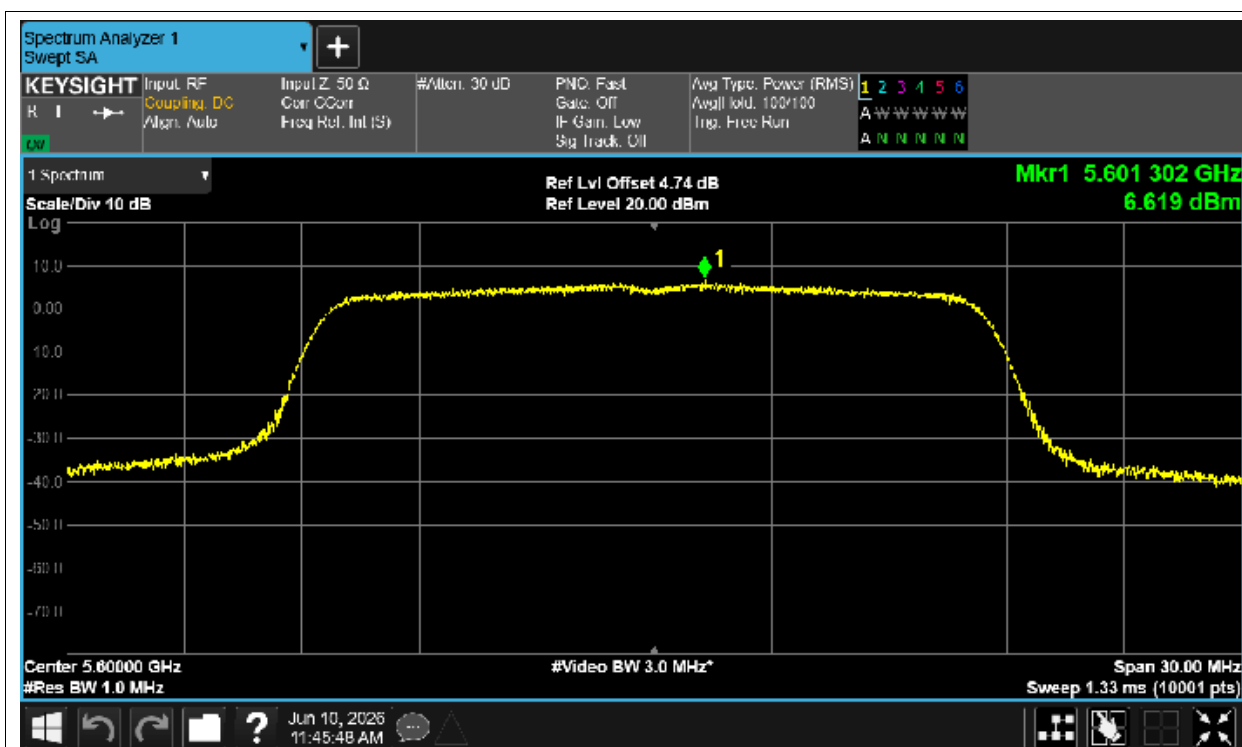
PSD NVNT a 5700MHz Ant1



PSD NVNT a 5500MHz Ant2



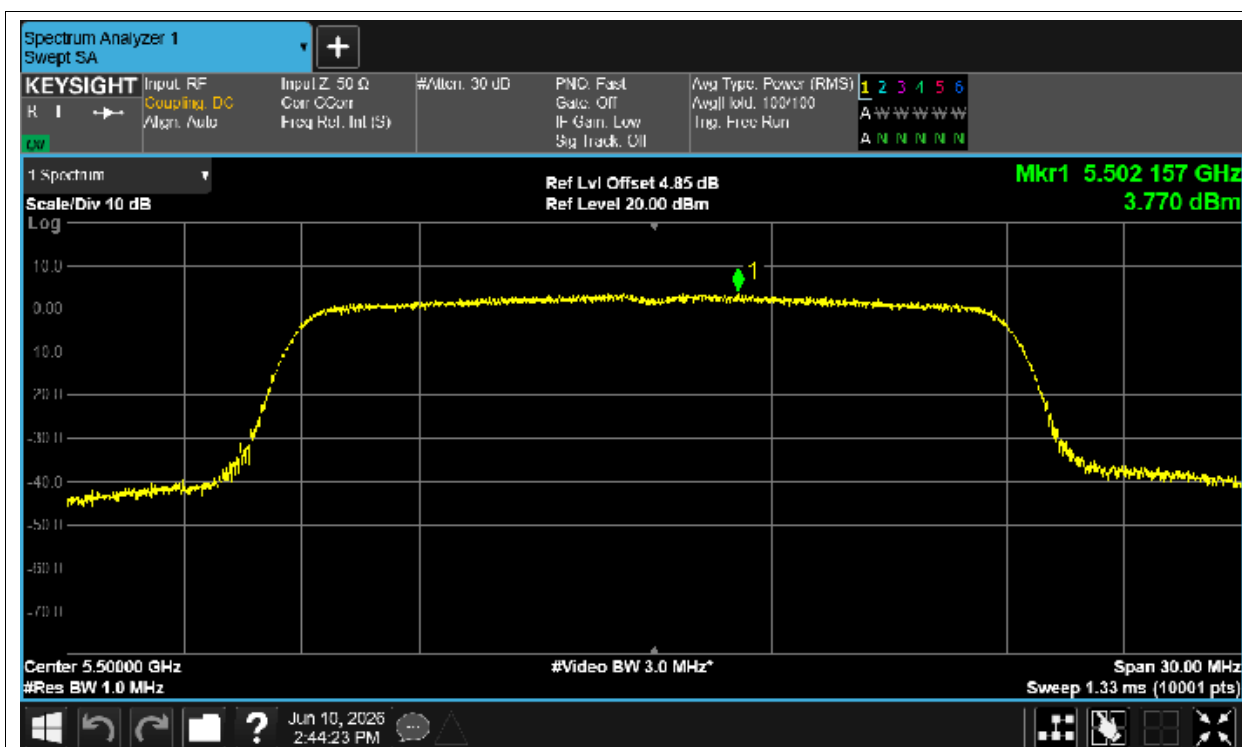
PSD NVNT a 5600MHz Ant2



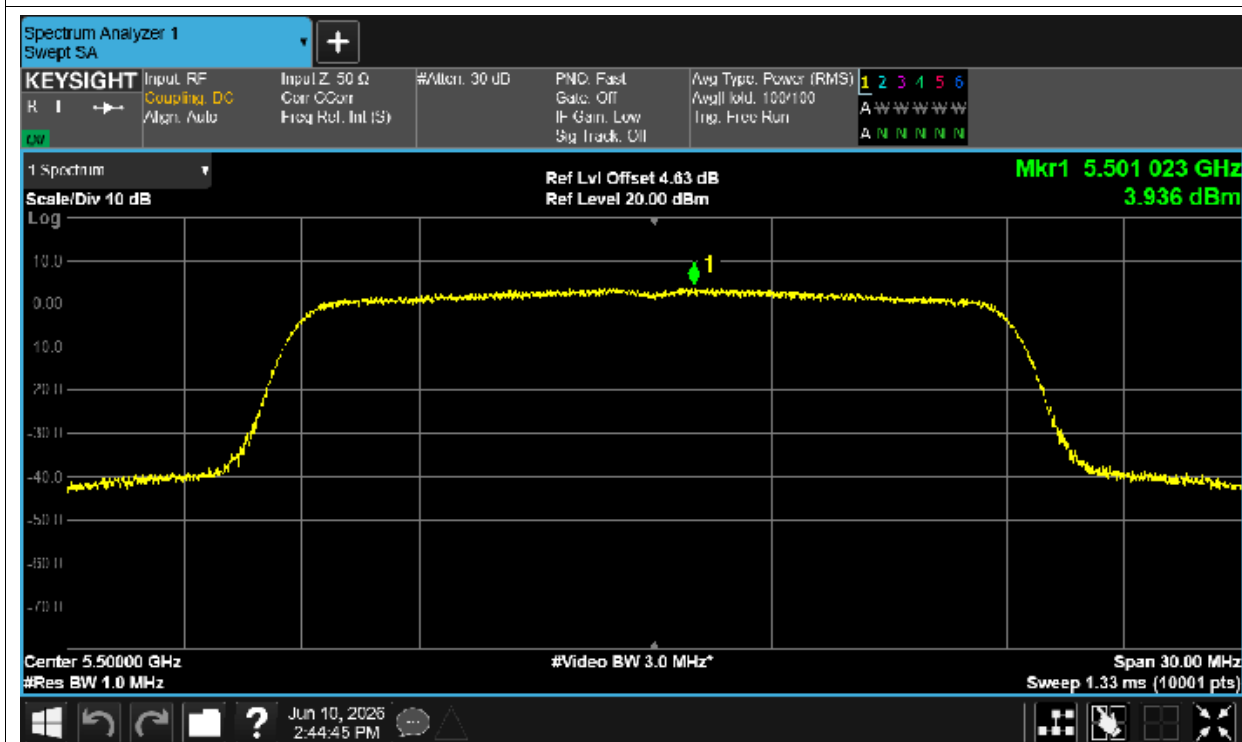
PSD NVNT a 5700MHz Ant2



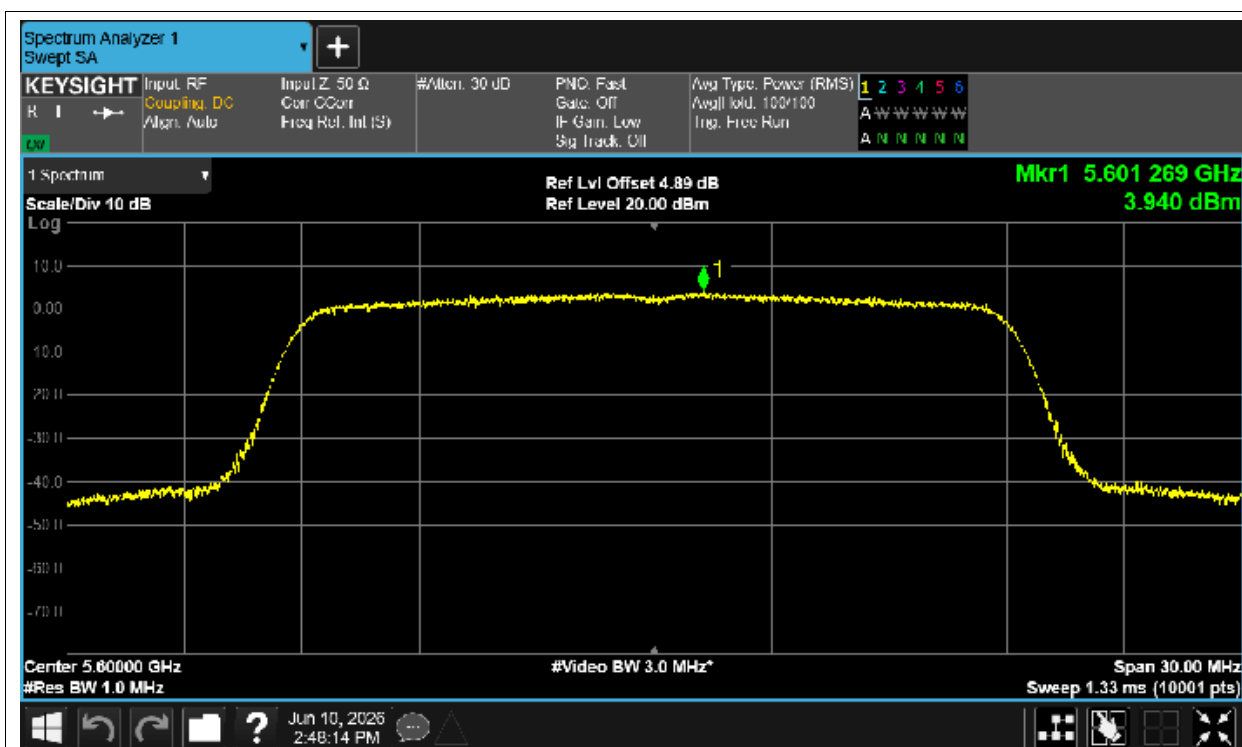
PSD NVNT ac20 5500MHz Ant1



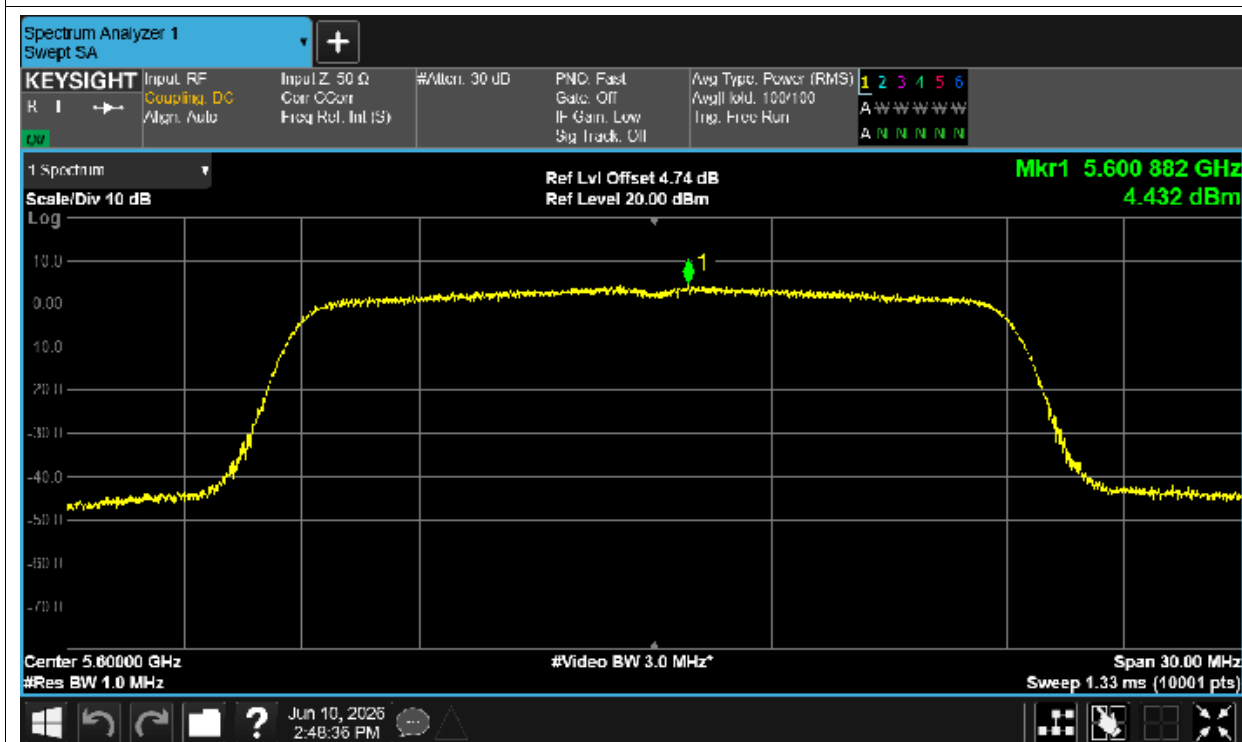
PSD NVNT ac20 5500MHz Ant2



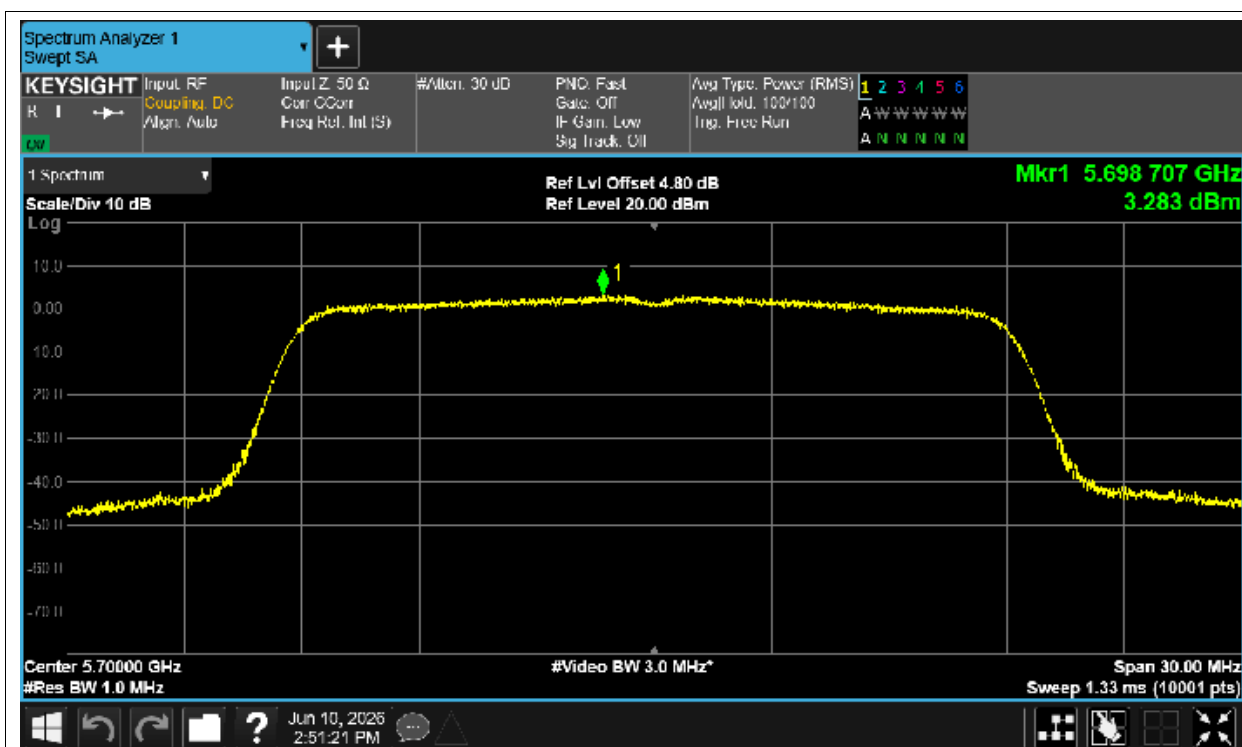
PSD NVNT ac20 5600MHz Ant1



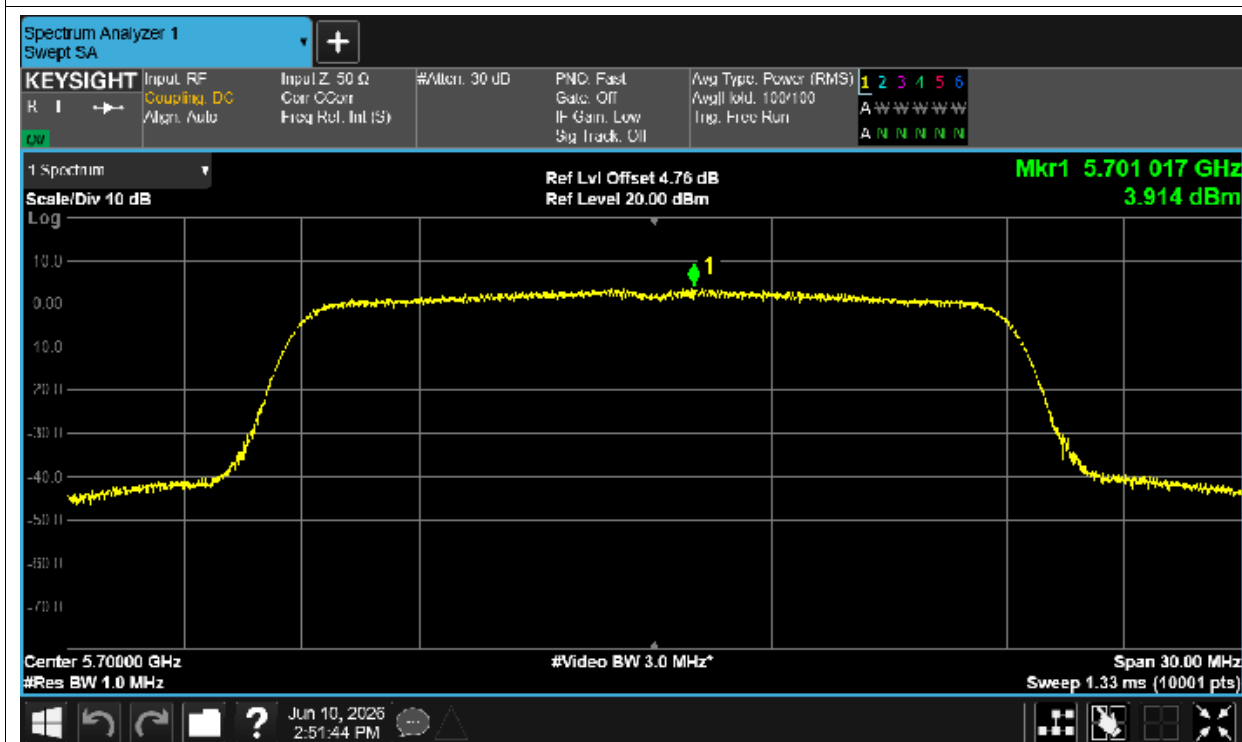
PSD NVNT ac20 5600MHz Ant2



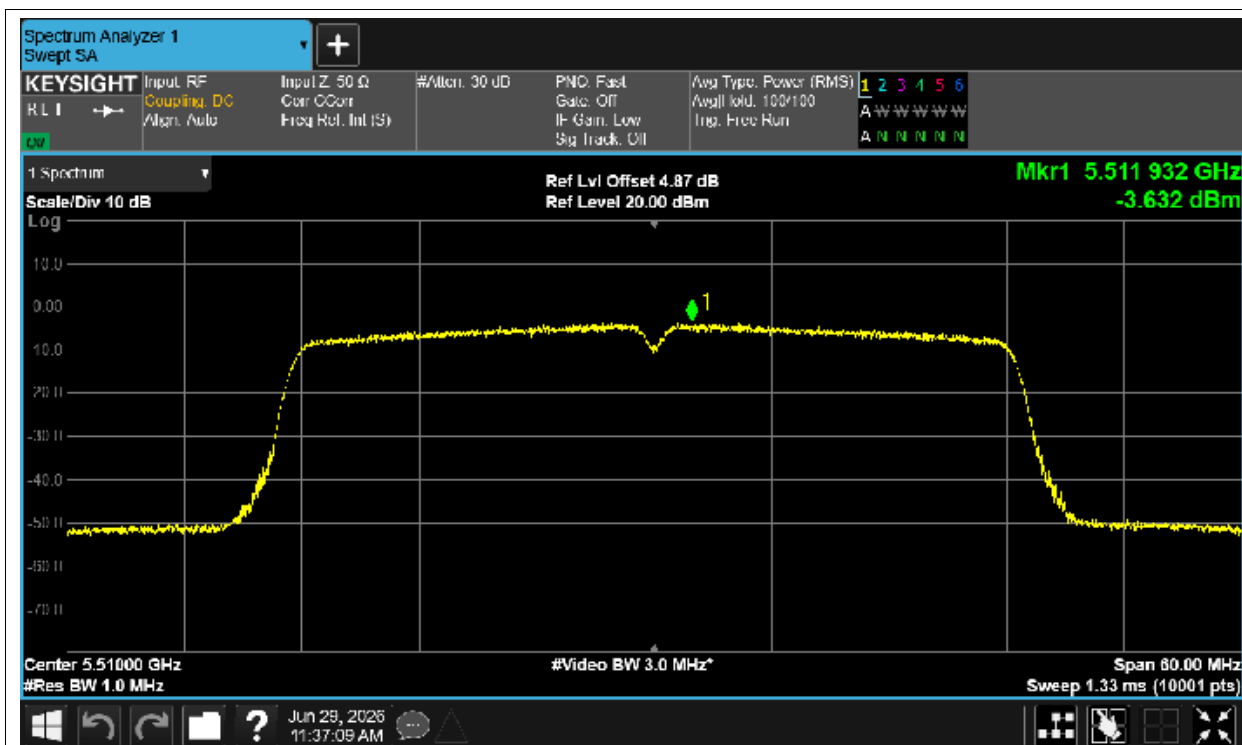
PSD NVNT ac20 5700MHz Ant1



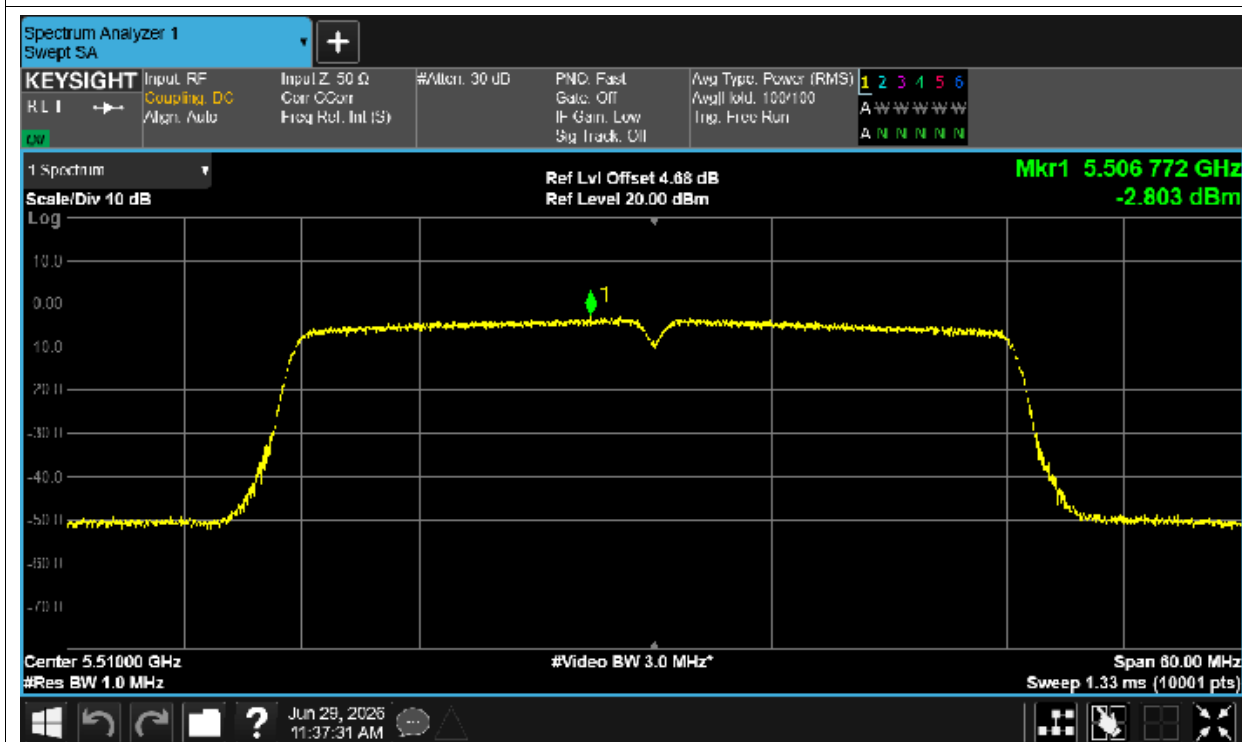
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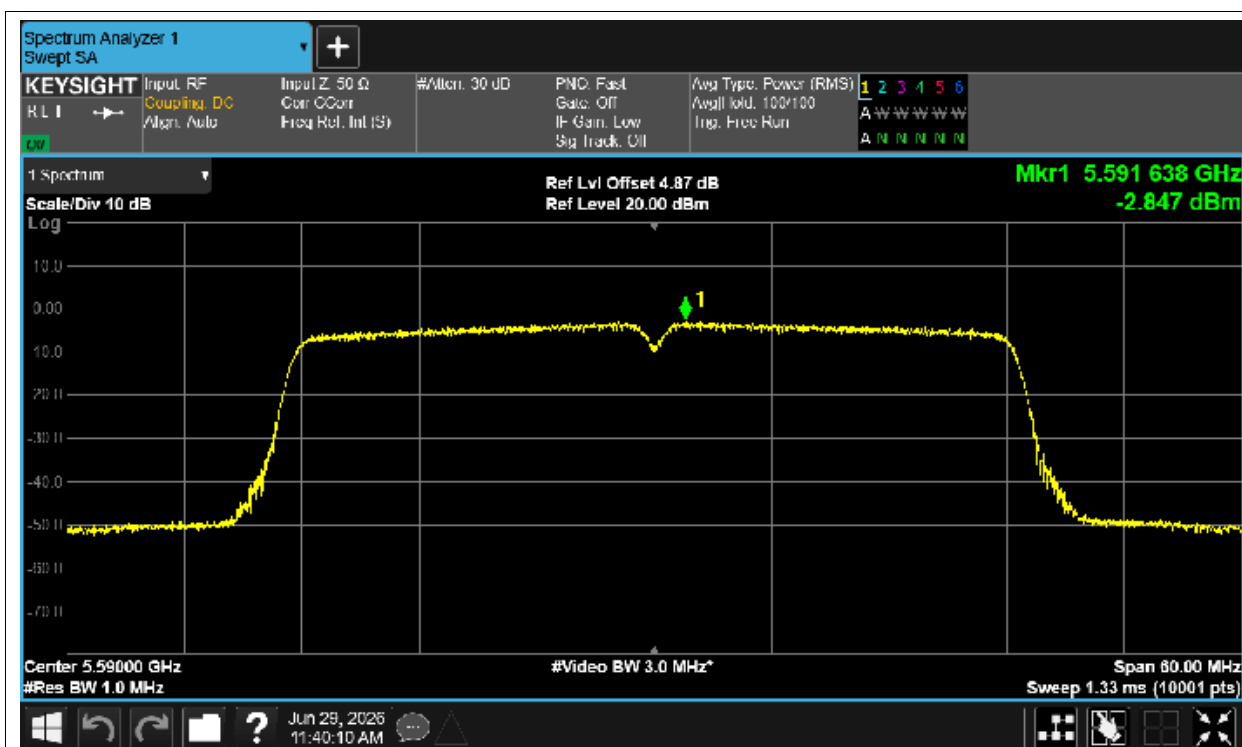
PSD NVNT ac40 5510MHz Ant1



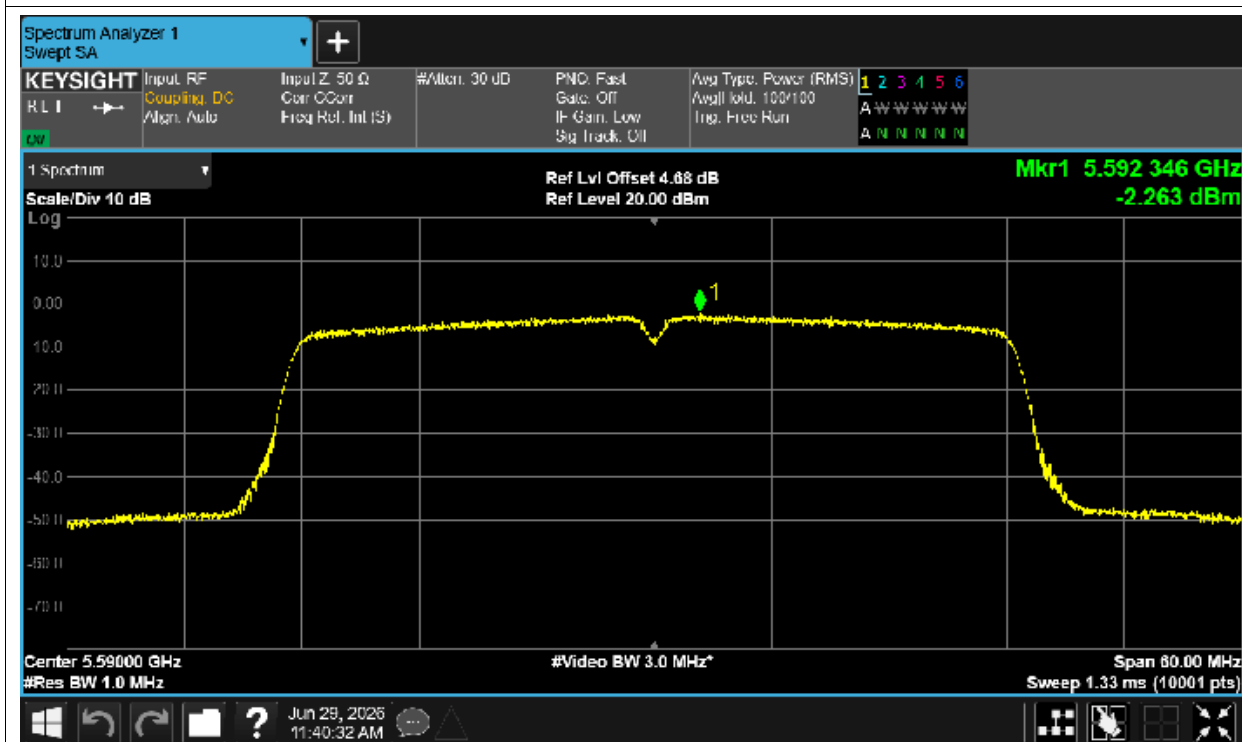
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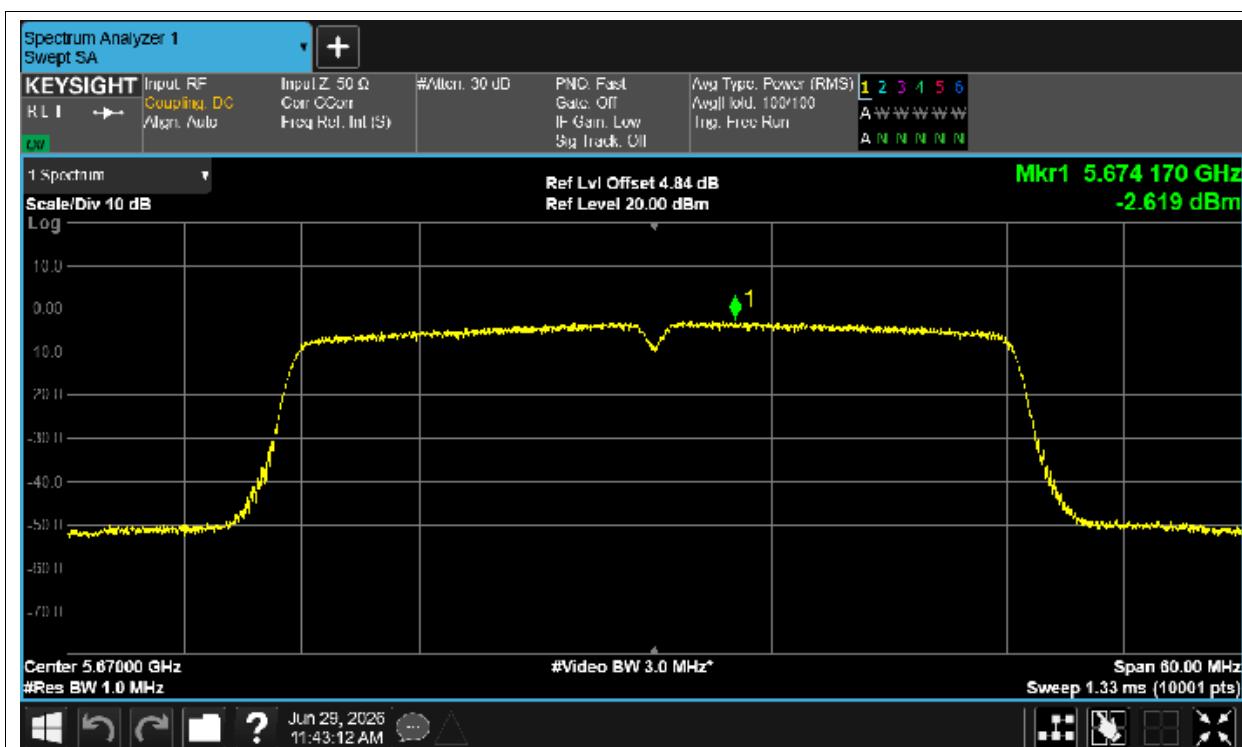
PSD NVNT ac40 5590MHz Ant1



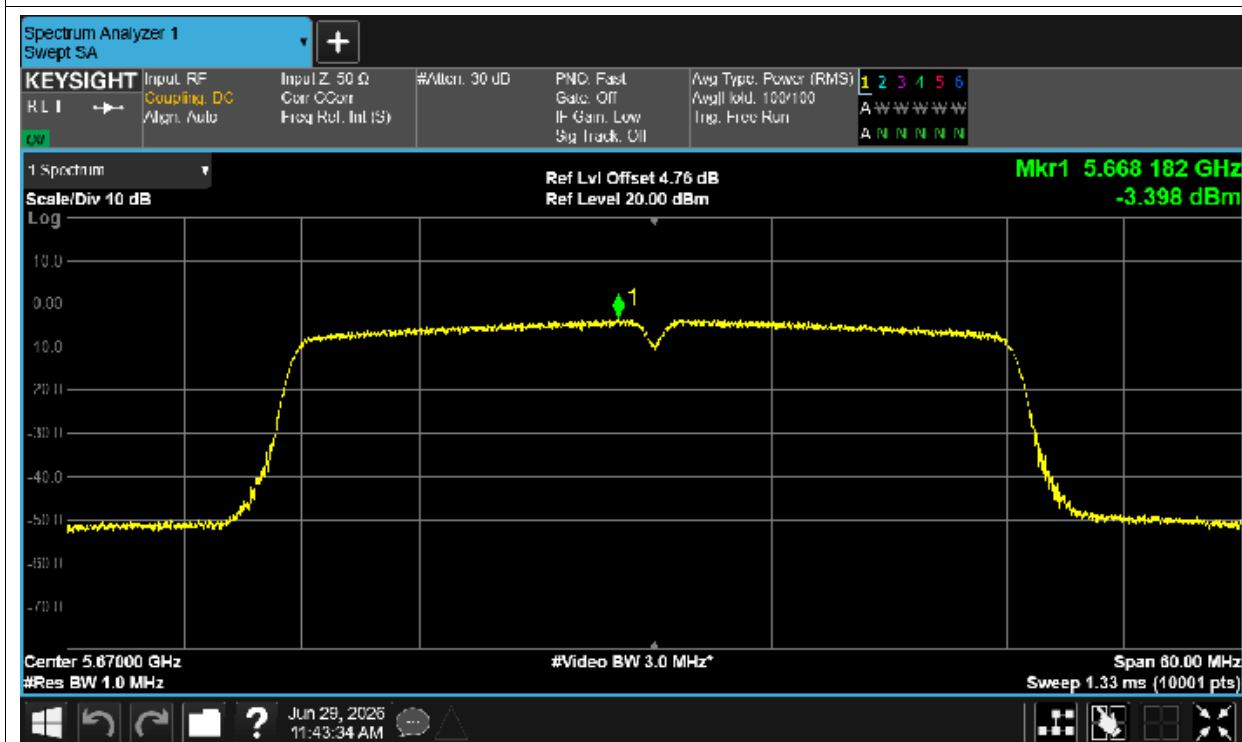
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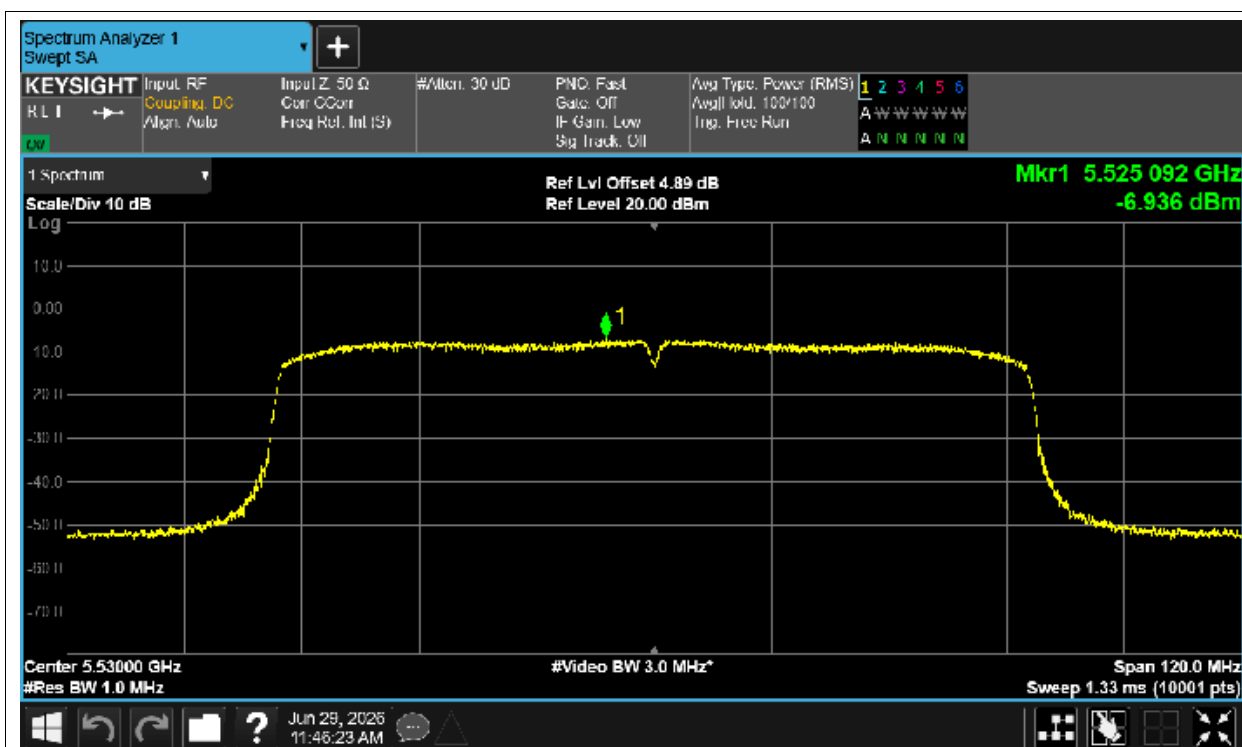
PSD NVNT ac40 5670MHz Ant1



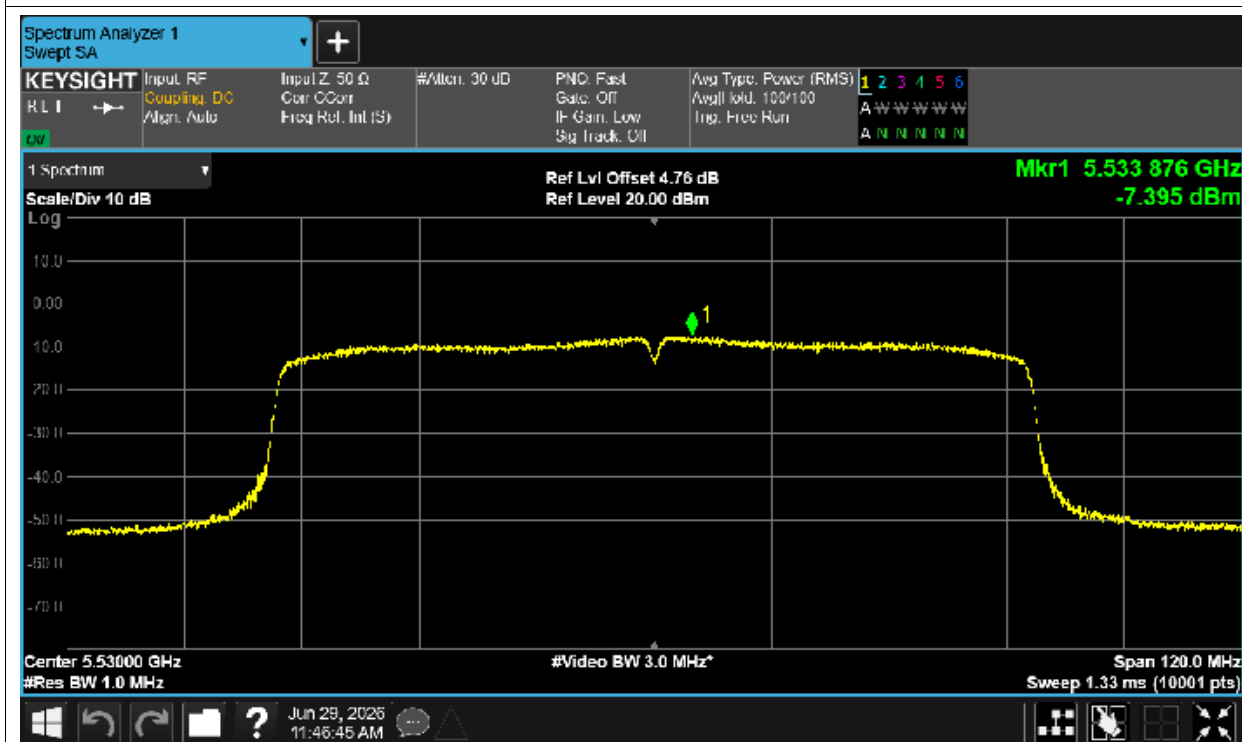
PSD NVNT ac40 5670MHz Ant2



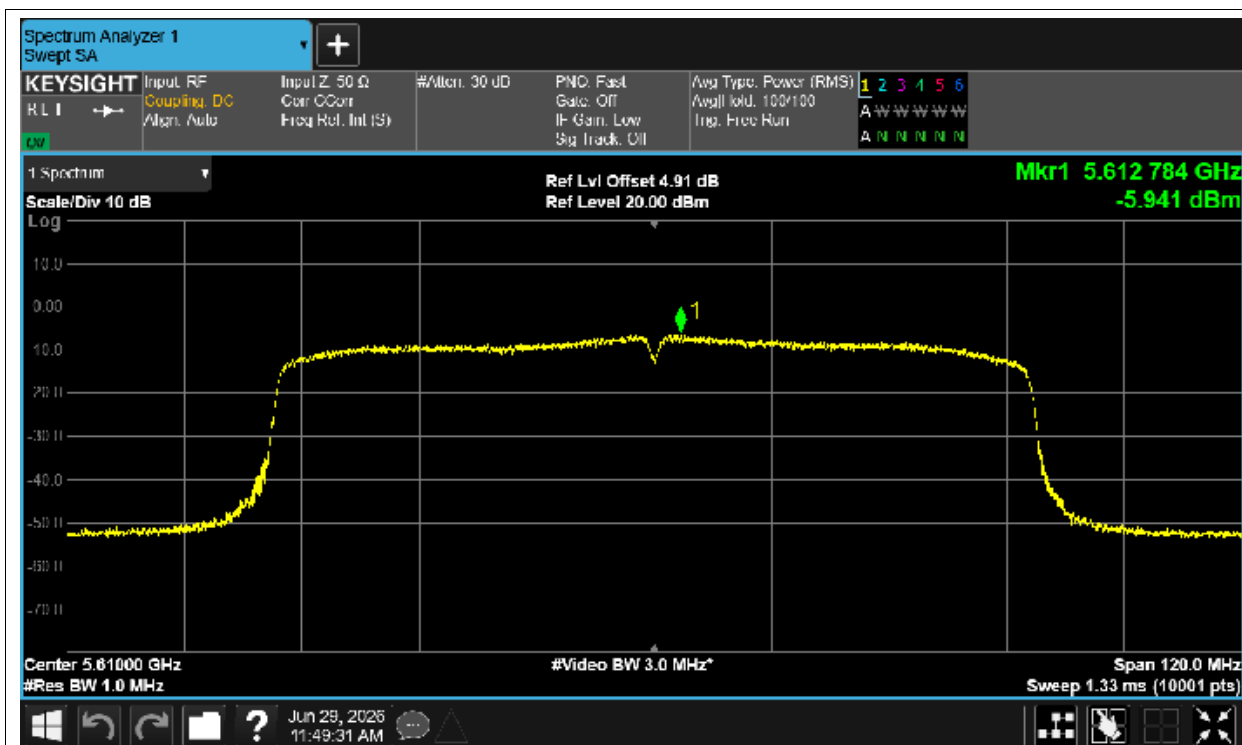
PSD NVNT ac80 5530MHz Ant1



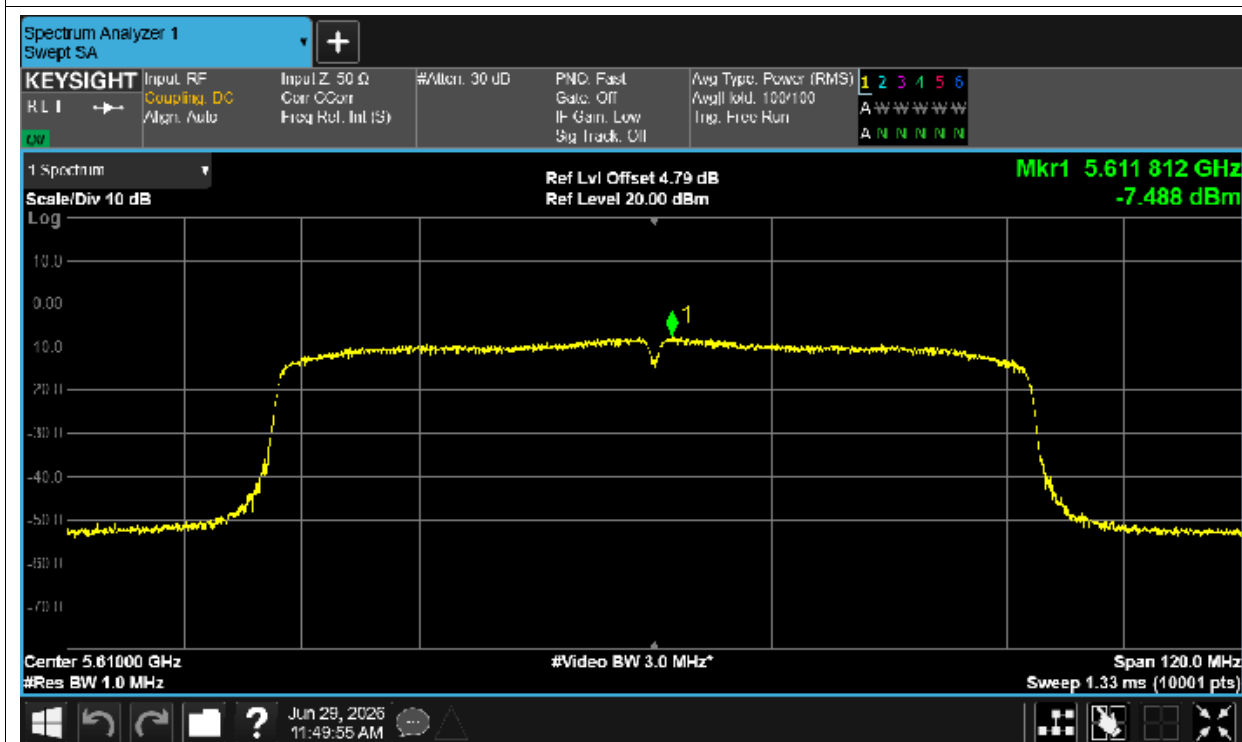
PSD NVNT ac80 5530MHz Ant2



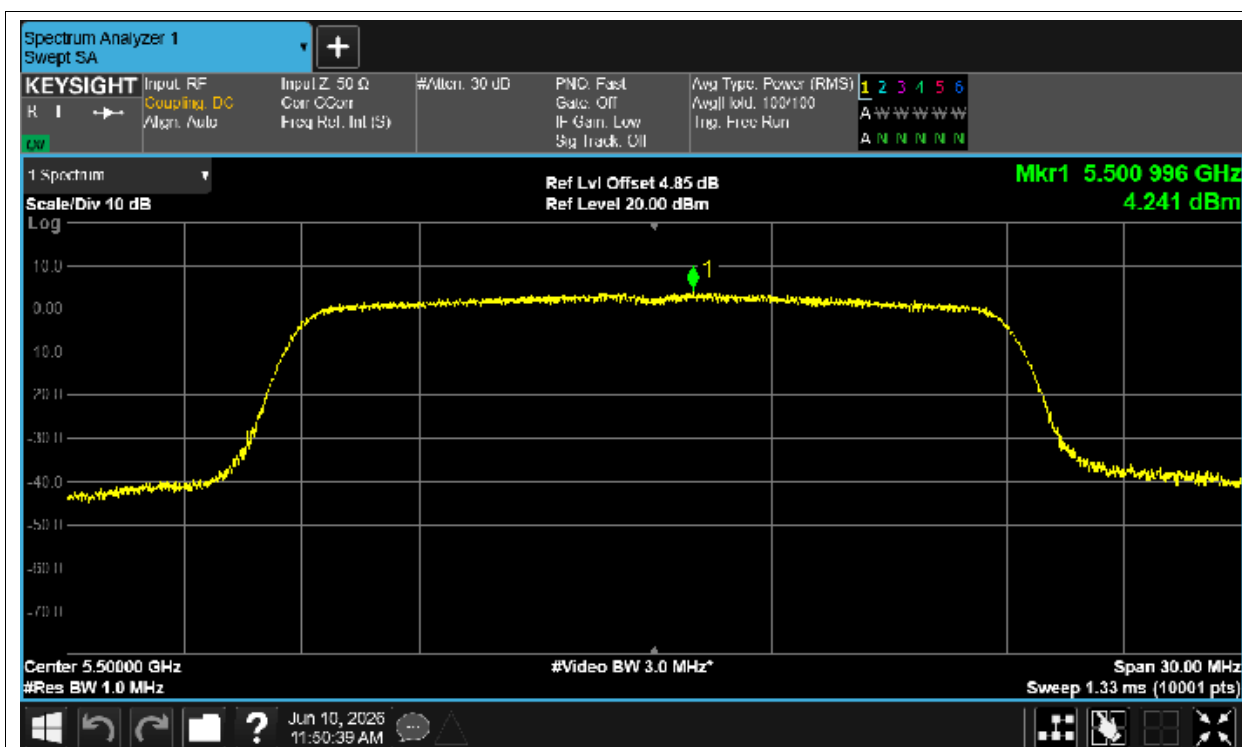
PSD NVNT ac80 5610MHz Ant1



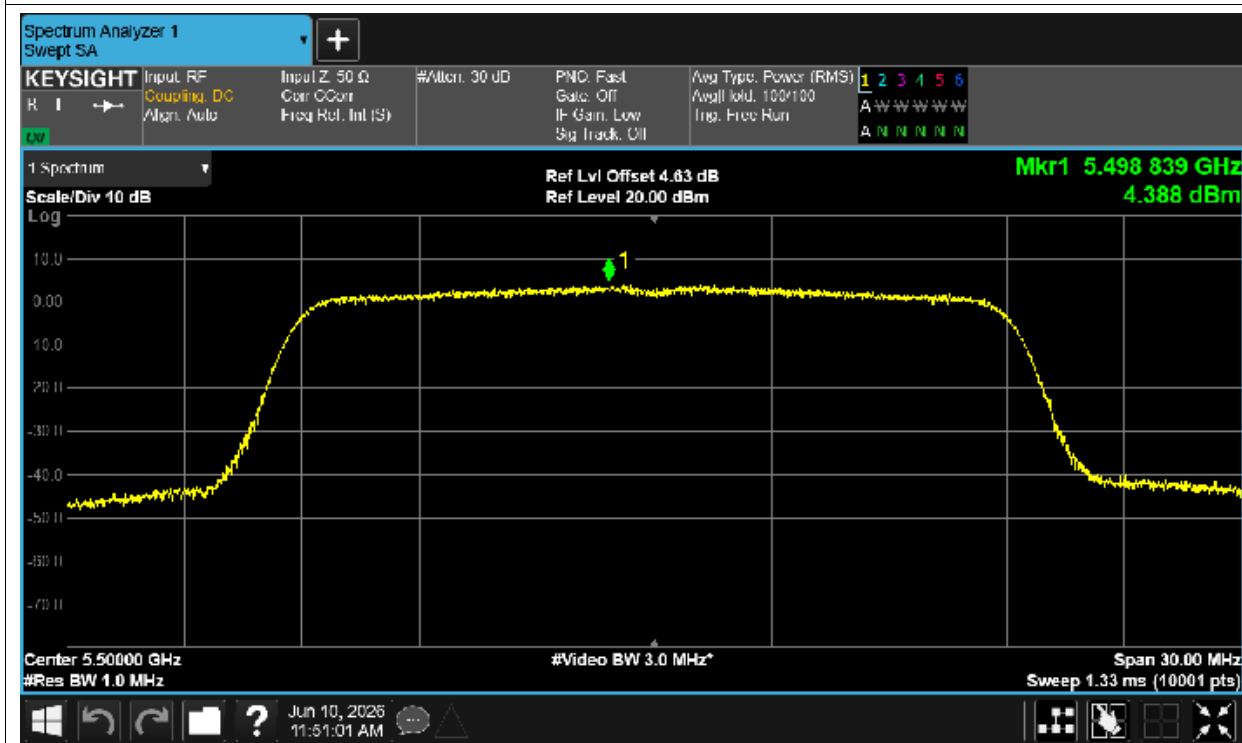
PSD NVNT ac80 5610MHz Ant2



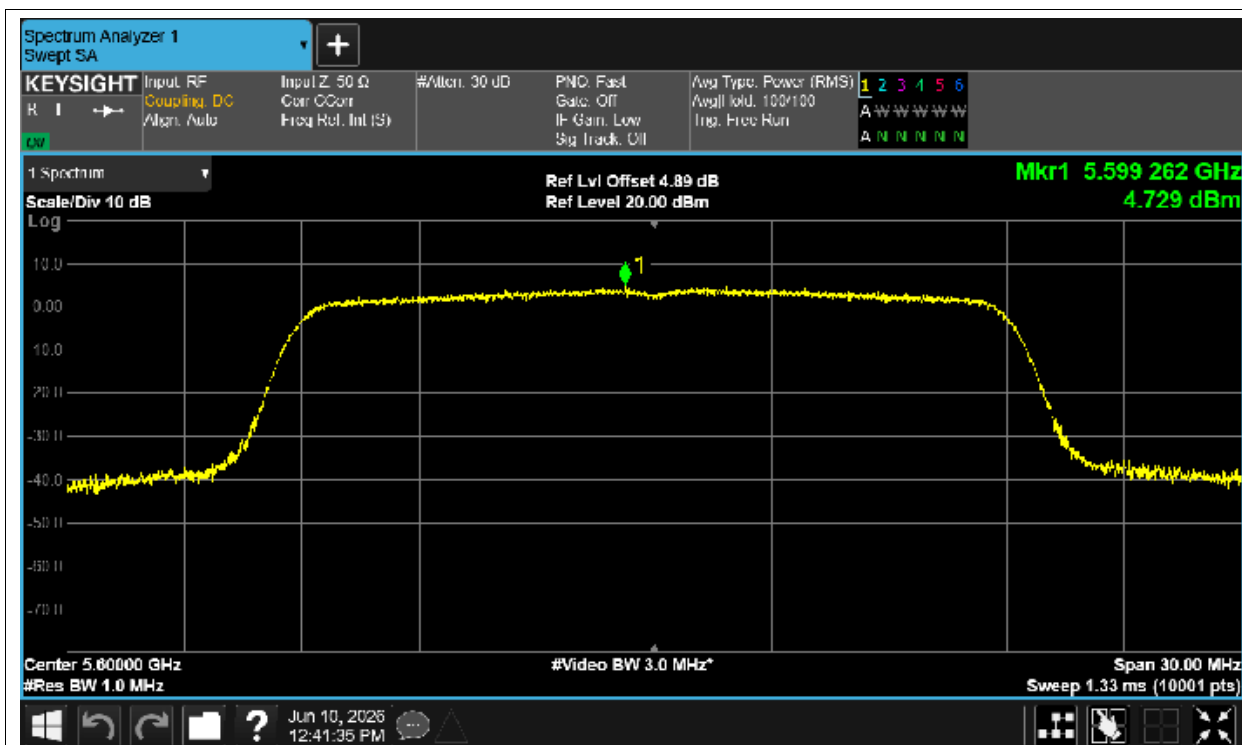
PSD NVNT n20 5500MHz Ant1



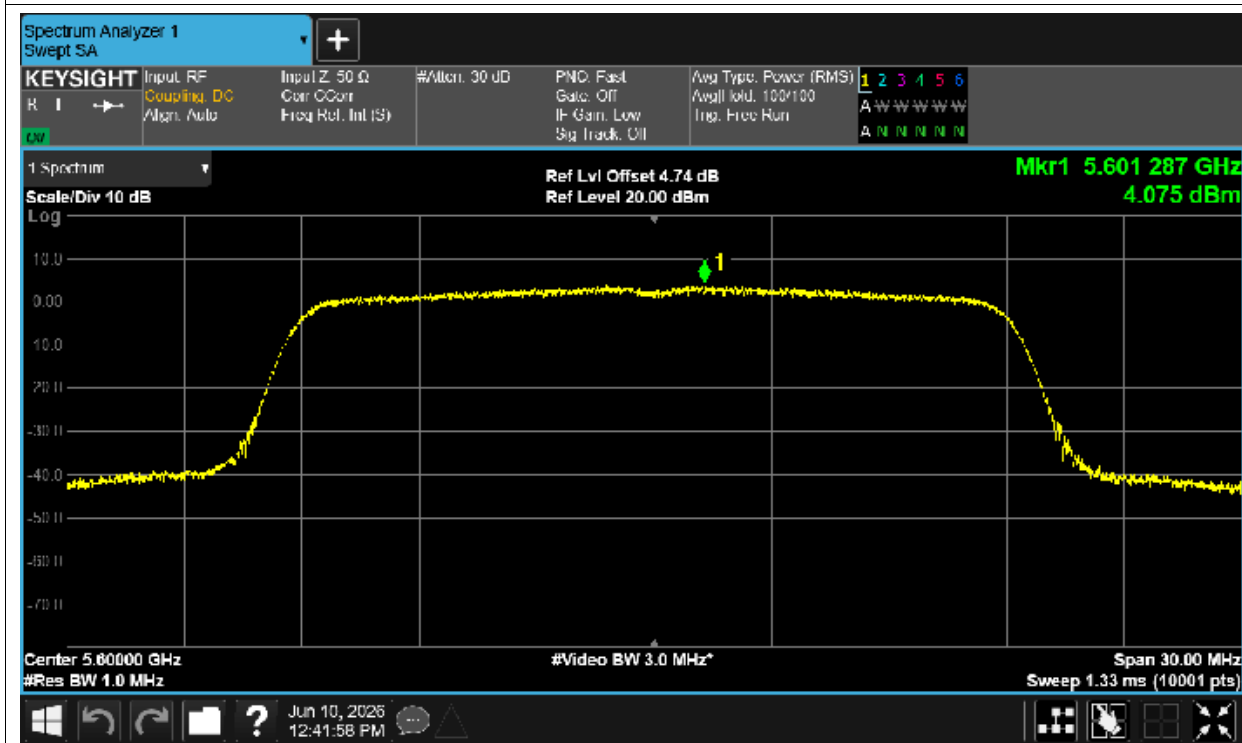
PSD NVNT n20 5500MHz Ant2



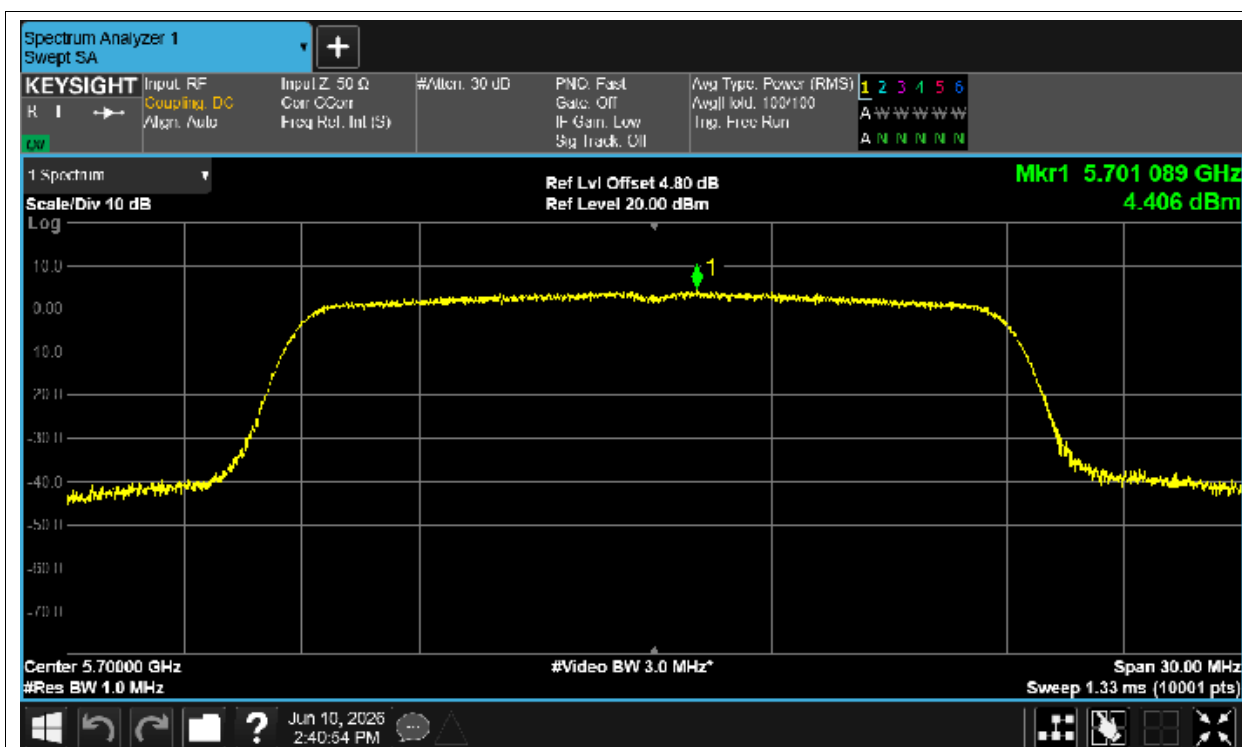
PSD NVNT n20 5600MHz Ant1



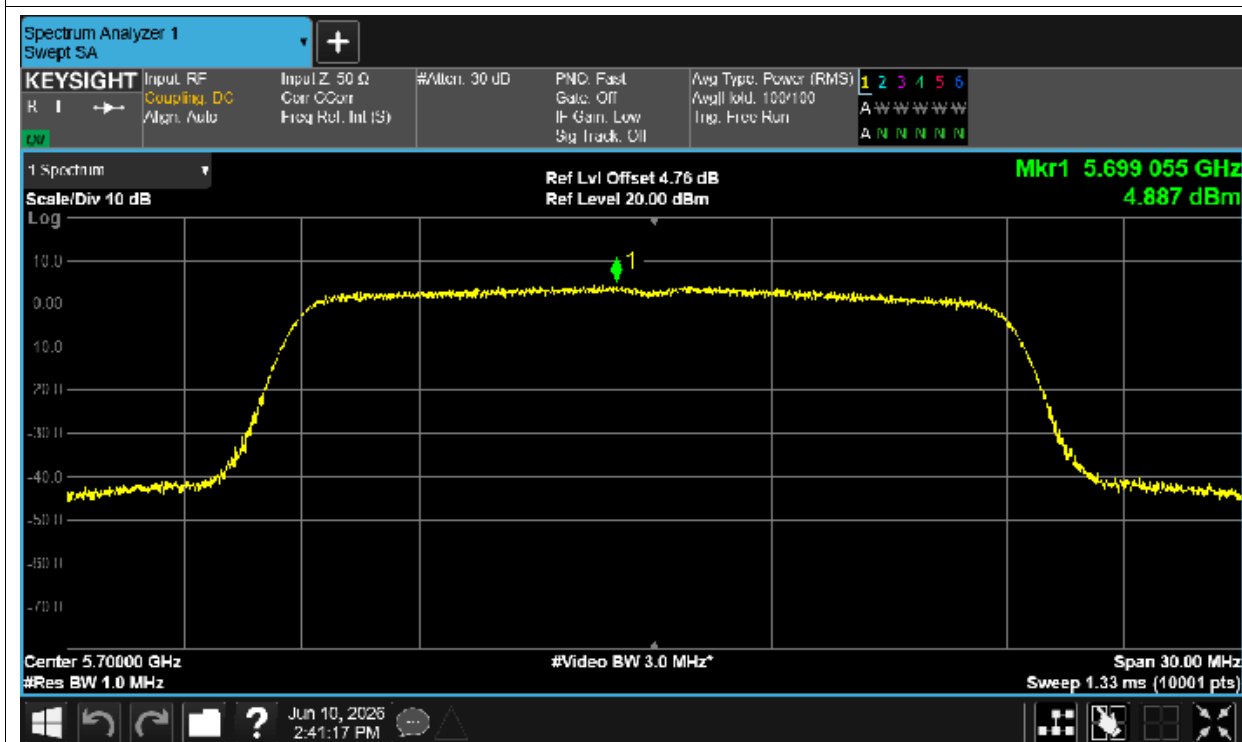
PSD NVNT n20 5600MHz Ant2



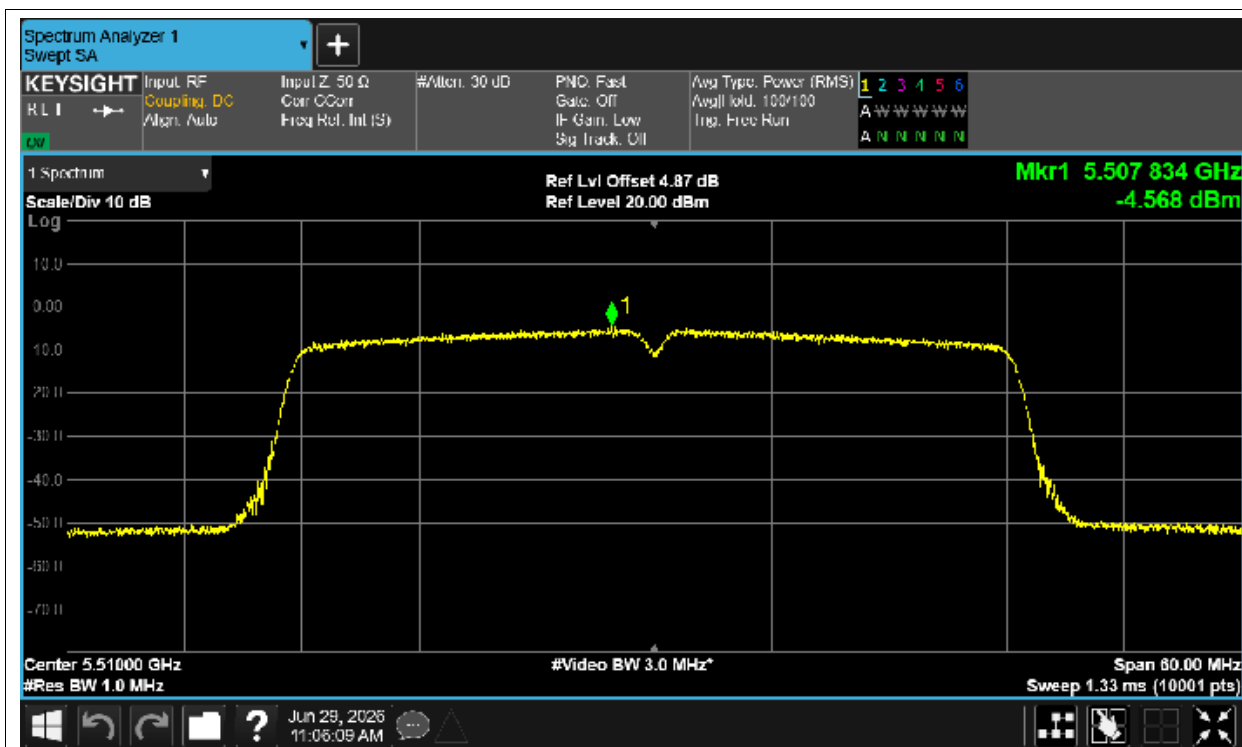
PSD NVNT n20 5700MHz Ant1



PSD NVNT n20 5700MHz Ant2



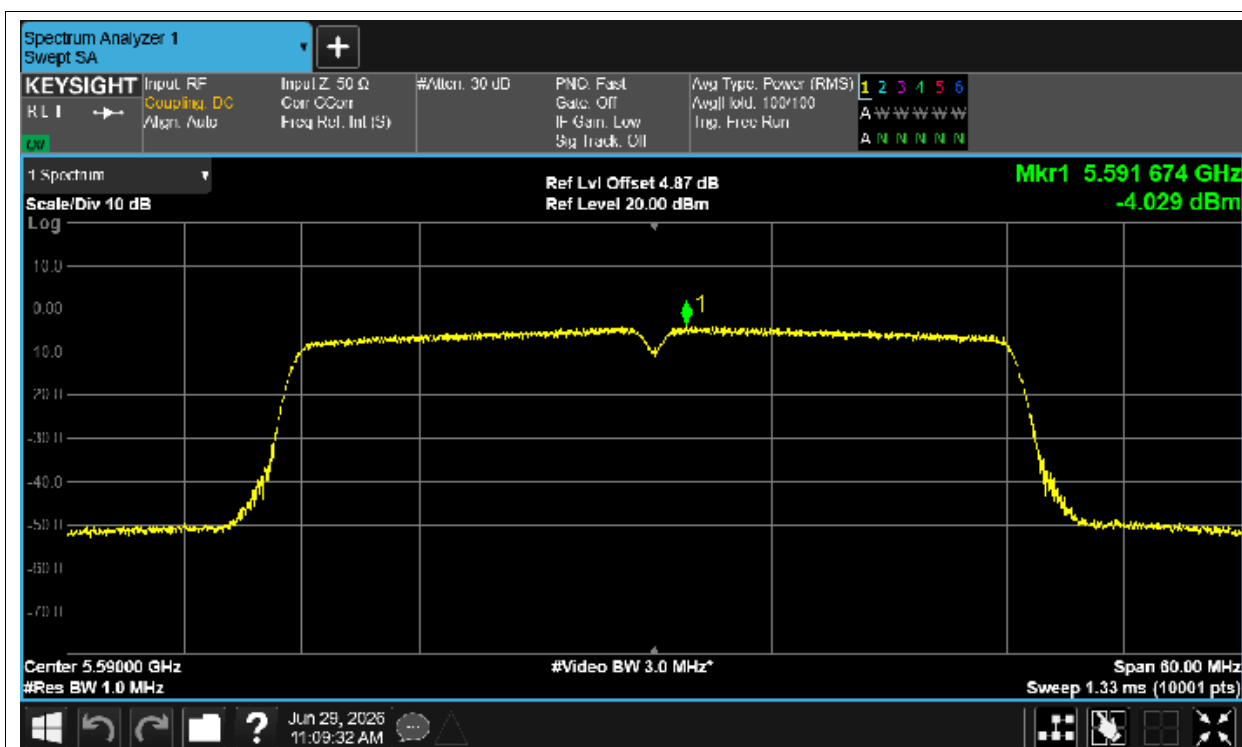
PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5510MHz Ant2



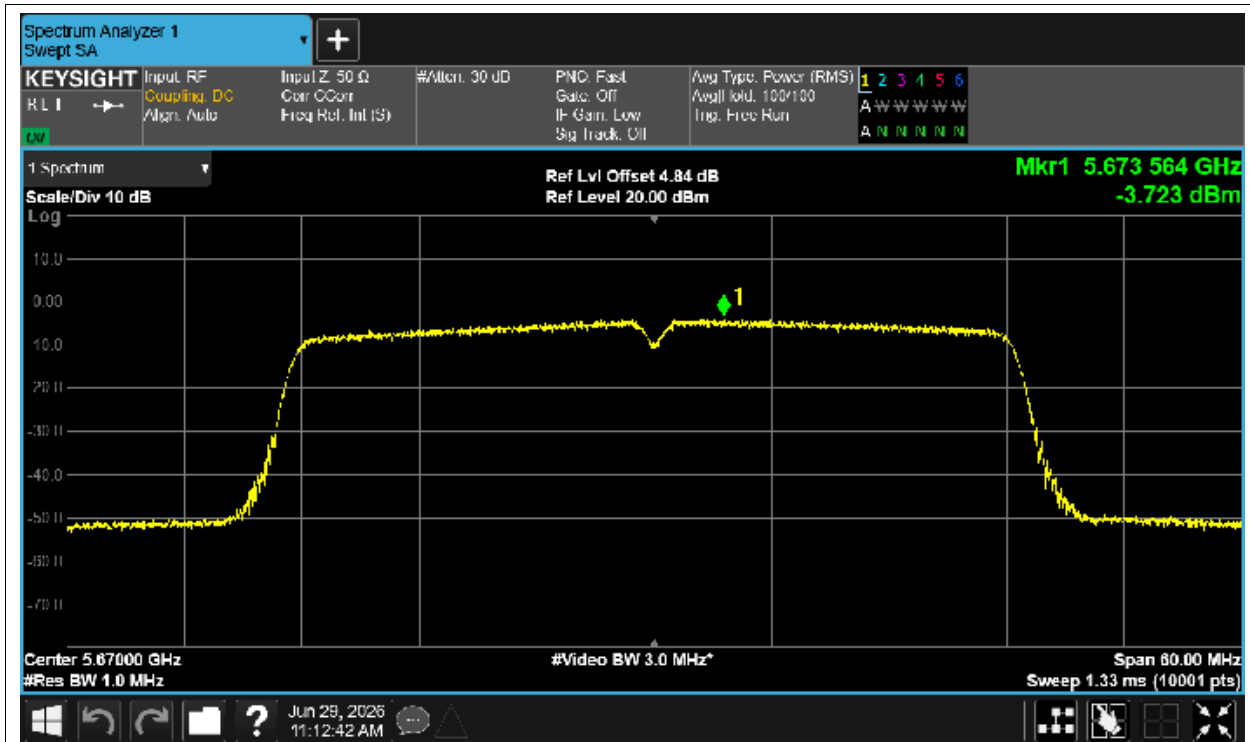
PSD NVNT n40 5590MHz Ant1



PSD NVNT n40 5590MHz Ant2



PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5670MHz Ant2

