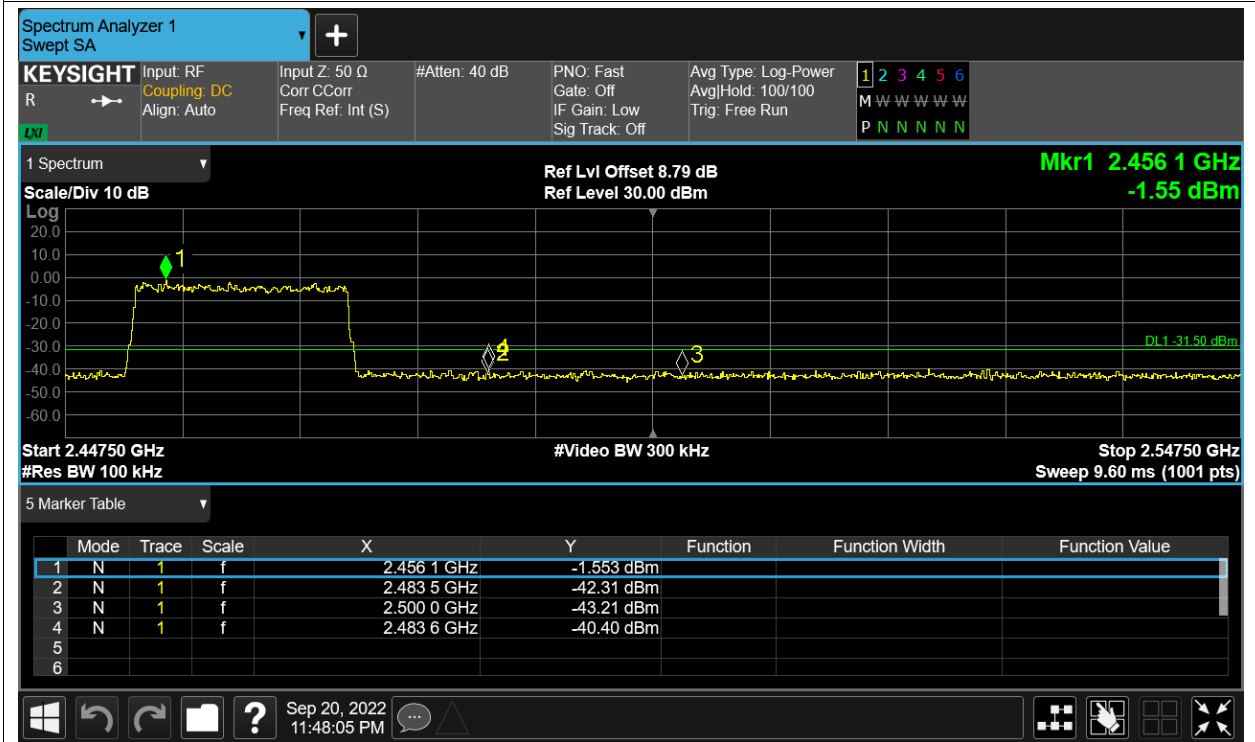
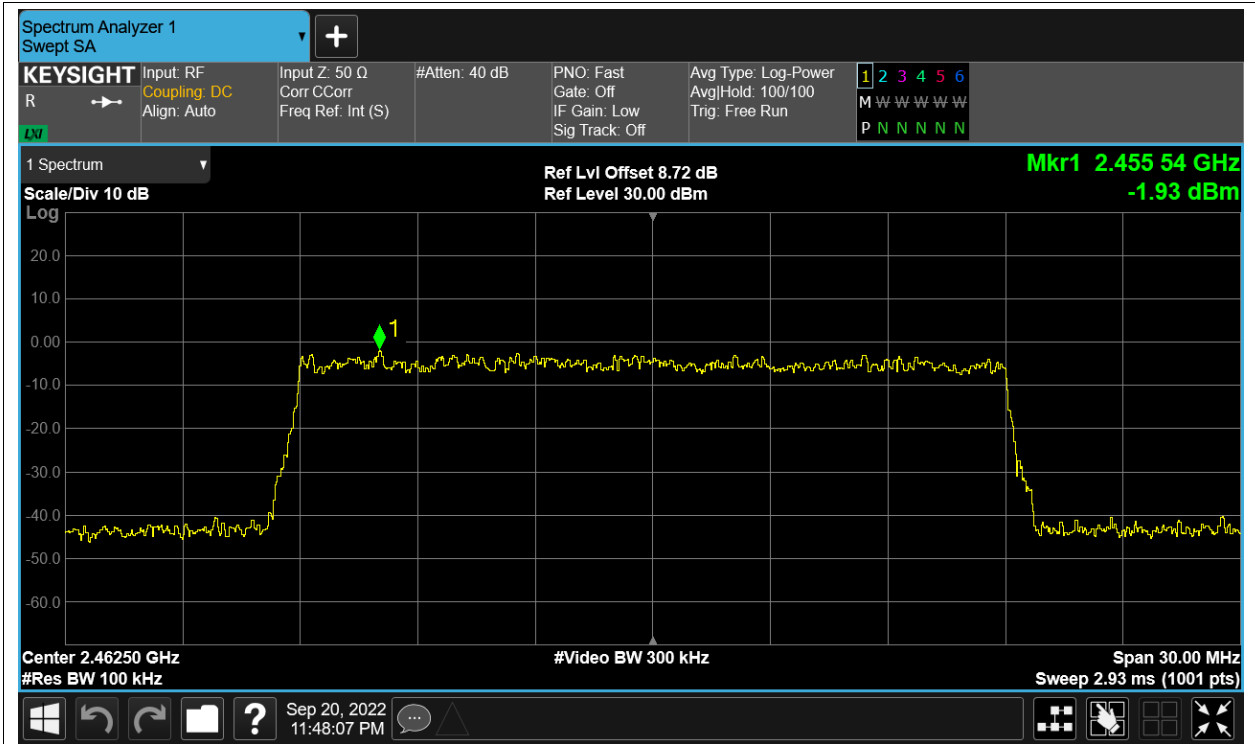


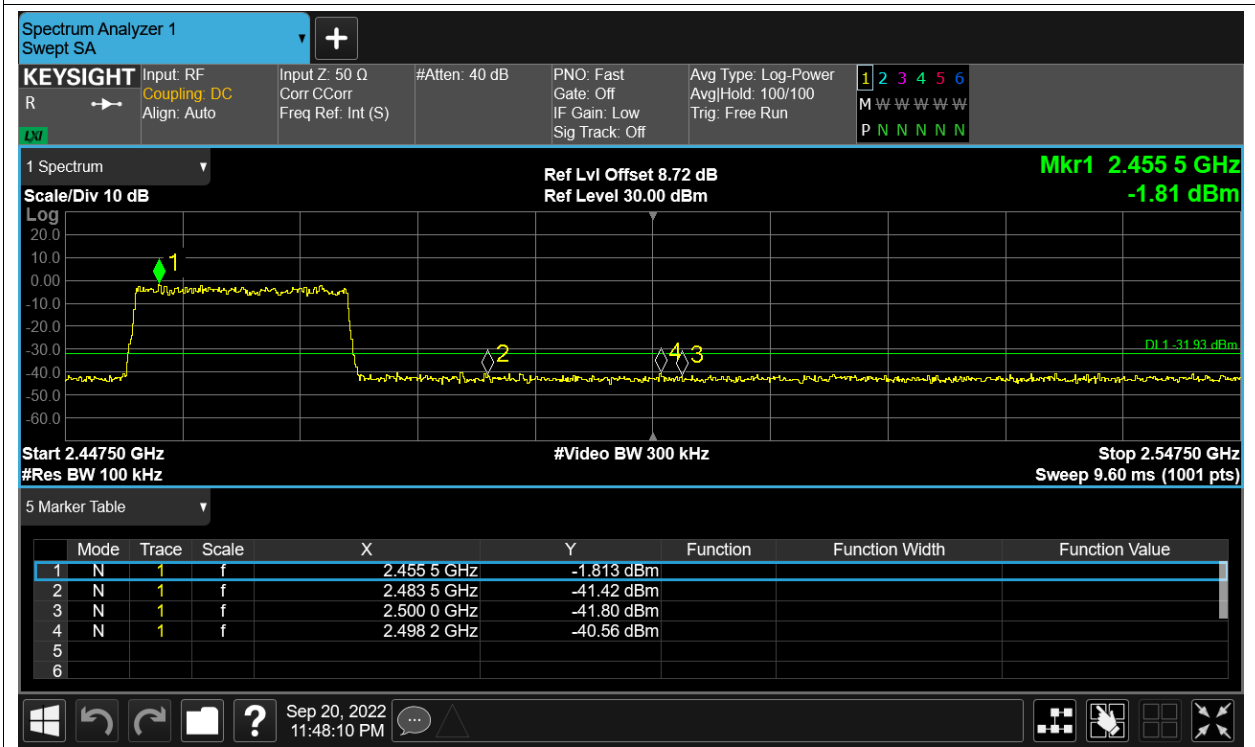
Band Edge NVNT 2.4G-20M-QPSK 2462.5MHz Ant1 Emission



Band Edge NVNT 2.4G-20M-QPSK 2462.5MHz Ant2 Ref



Band Edge NVNT 2.4G-20M-QPSK 2462.5MHz Ant2 Emission

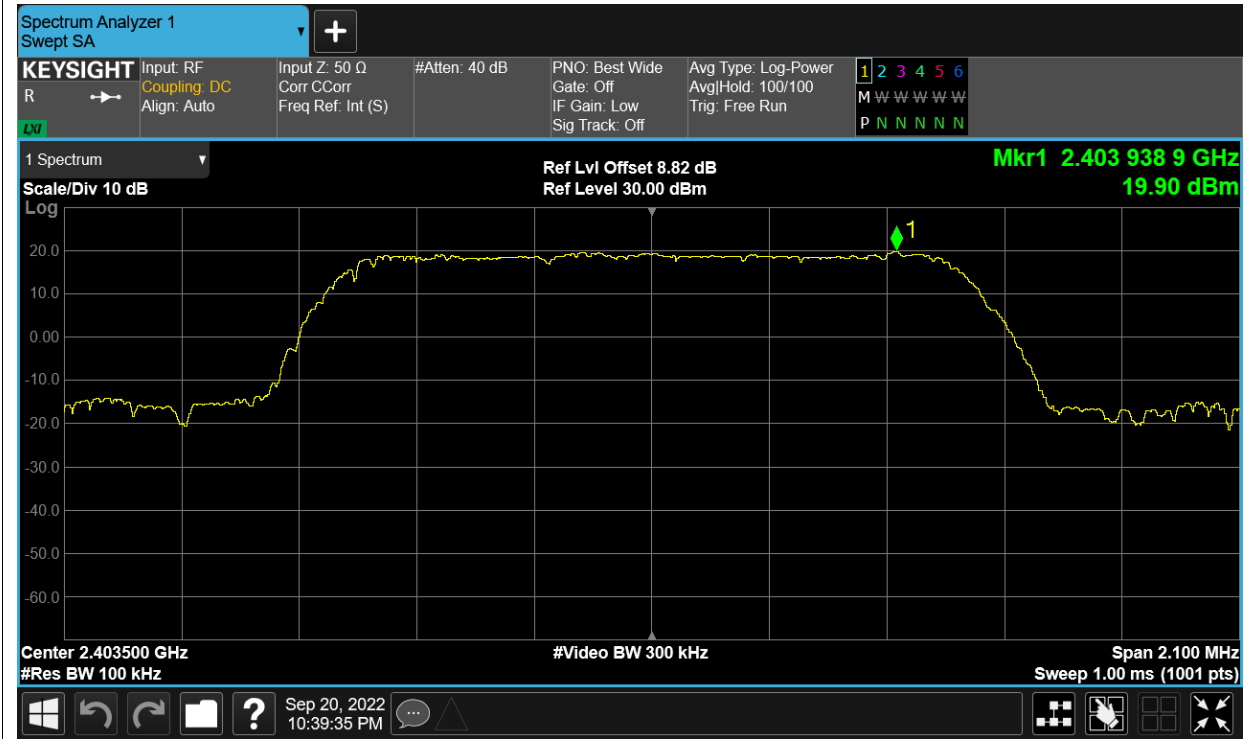


## Conducted RF Spurious Emission

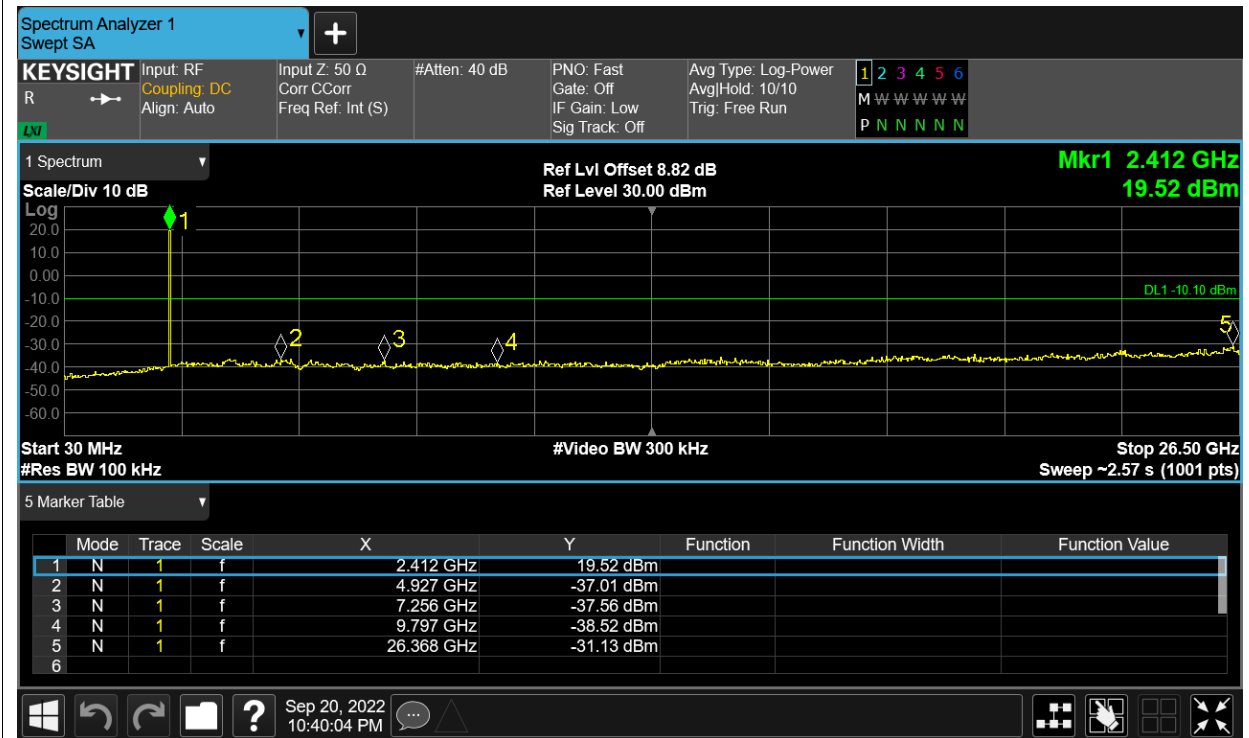
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G-1.4M-16QAM	2403.5	Ant1	-51.04	-30	Pass
NVNT	2.4G-1.4M-16QAM	2403.5	Ant2	-50.21	-30	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant1	-50.28	-30	Pass
NVNT	2.4G-1.4M-16QAM	2439.5	Ant2	-49.85	-30	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant1	-51.06	-30	Pass
NVNT	2.4G-1.4M-16QAM	2475.5	Ant2	-51.46	-30	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant1	-50.86	-30	Pass
NVNT	2.4G-1.4M-QPSK	2403.5	Ant2	-50.91	-30	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant1	-51.87	-30	Pass
NVNT	2.4G-1.4M-QPSK	2439.5	Ant2	-49.7	-30	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant1	-51.59	-30	Pass
NVNT	2.4G-1.4M-QPSK	2475.5	Ant2	-50.81	-30	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant1	-38.11	-30	Pass
NVNT	2.4G-10M-16QAM	2407.5	Ant2	-37.52	-30	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant1	-43.66	-30	Pass
NVNT	2.4G-10M-16QAM	2439.5	Ant2	-43.31	-30	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant1	-33.42	-30	Pass
NVNT	2.4G-10M-16QAM	2471.5	Ant2	-32.67	-30	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant1	-38.89	-30	Pass
NVNT	2.4G-10M-QPSK	2407.5	Ant2	-37.22	-30	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant1	-44.14	-30	Pass
NVNT	2.4G-10M-QPSK	2439.5	Ant2	-42.62	-30	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant1	-33.85	-30	Pass
NVNT	2.4G-10M-QPSK	2471.5	Ant2	-32.9	-30	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant1	-38.99	-30	Pass
NVNT	2.4G-20M-16QAM	2412.5	Ant2	-37.79	-30	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant1	-41.59	-30	Pass
NVNT	2.4G-20M-16QAM	2437.5	Ant2	-39.44	-30	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant1	-39.46	-30	Pass
NVNT	2.4G-20M-16QAM	2462.5	Ant2	-38.77	-30	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant1	-39.24	-30	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant2	-38.81	-30	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant1	-41.2	-30	Pass
NVNT	2.4G-20M-QPSK	2437.5	Ant2	-40.04	-30	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant1	-39.96	-30	Pass
NVNT	2.4G-20M-QPSK	2462.5	Ant2	-38.61	-30	Pass

Test Graphs

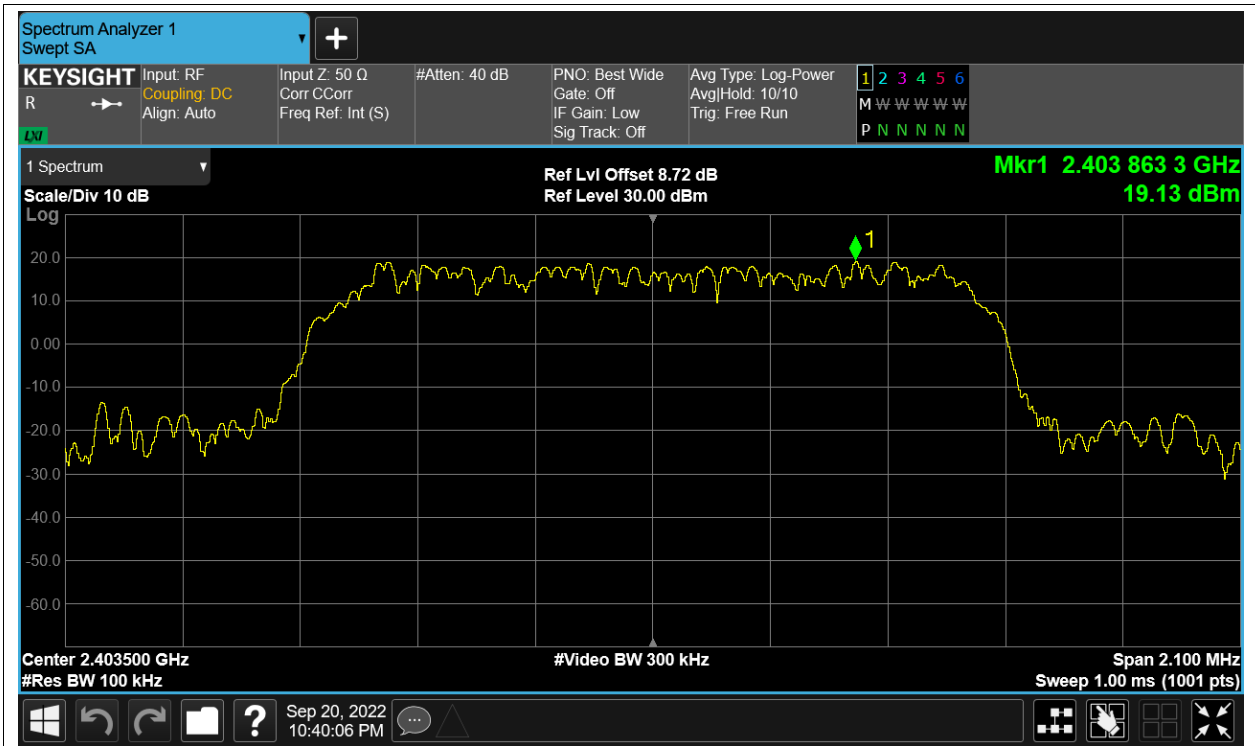
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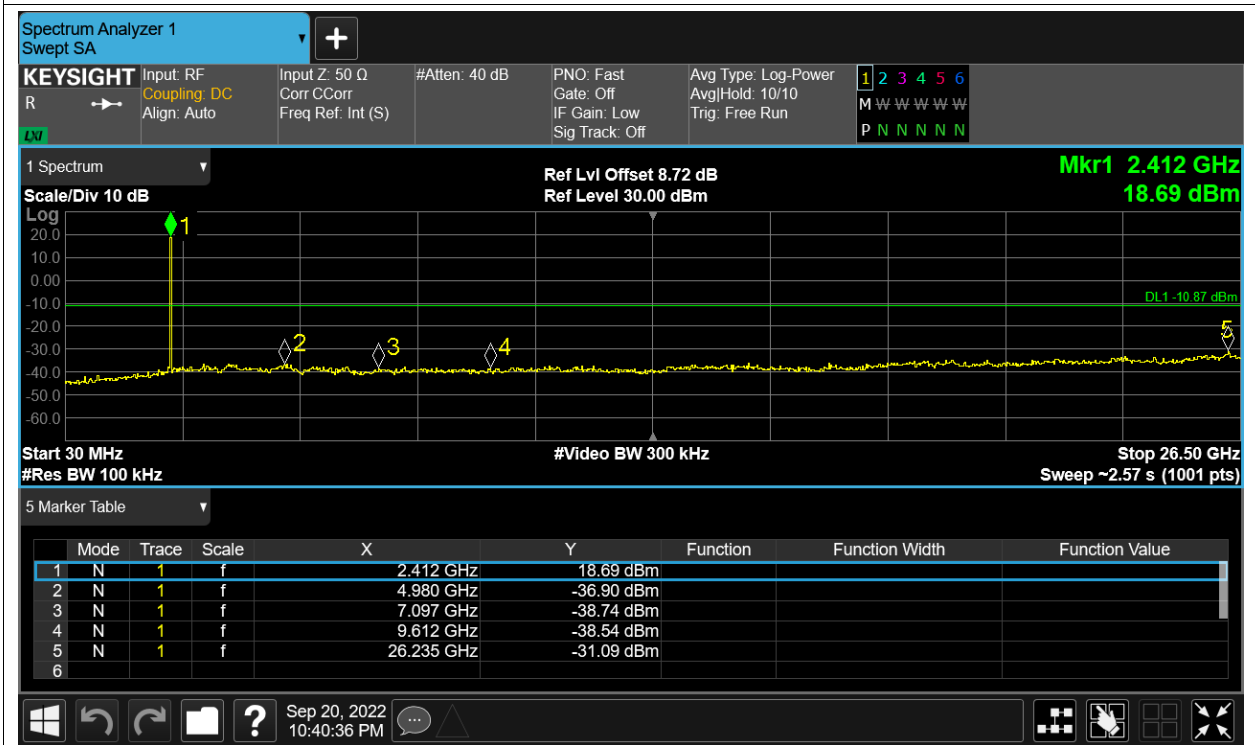
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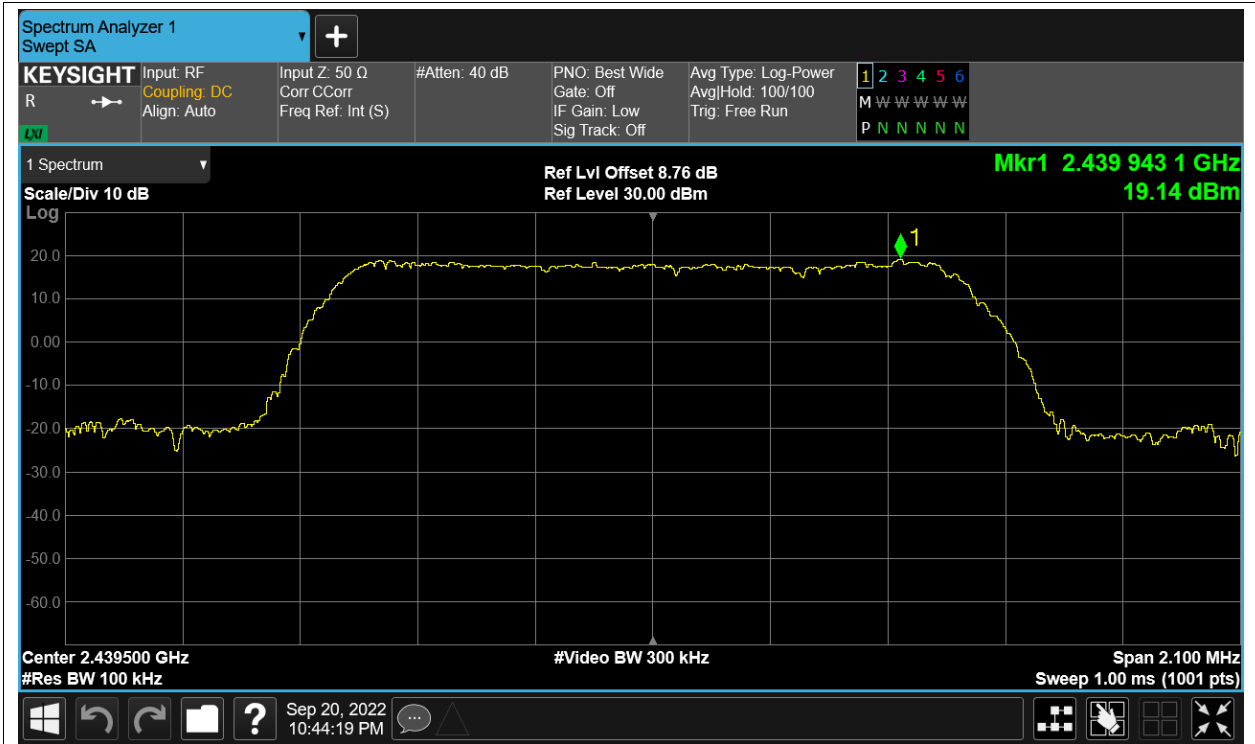
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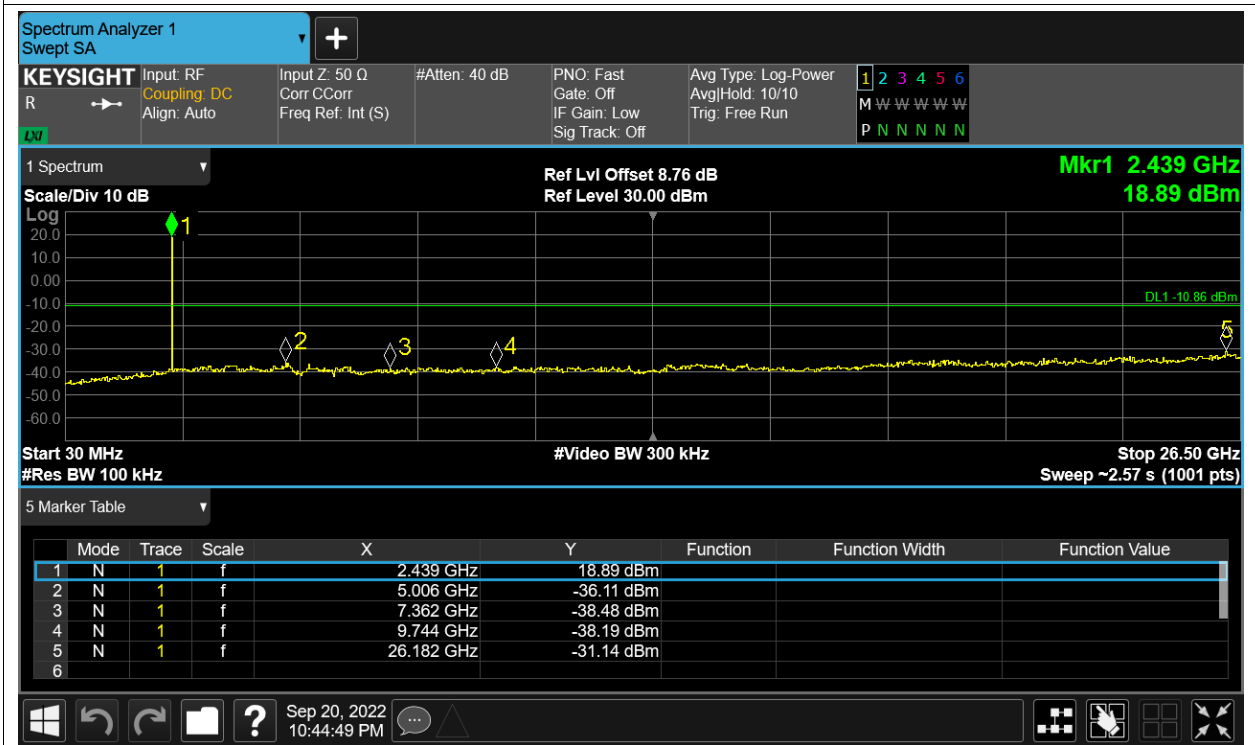
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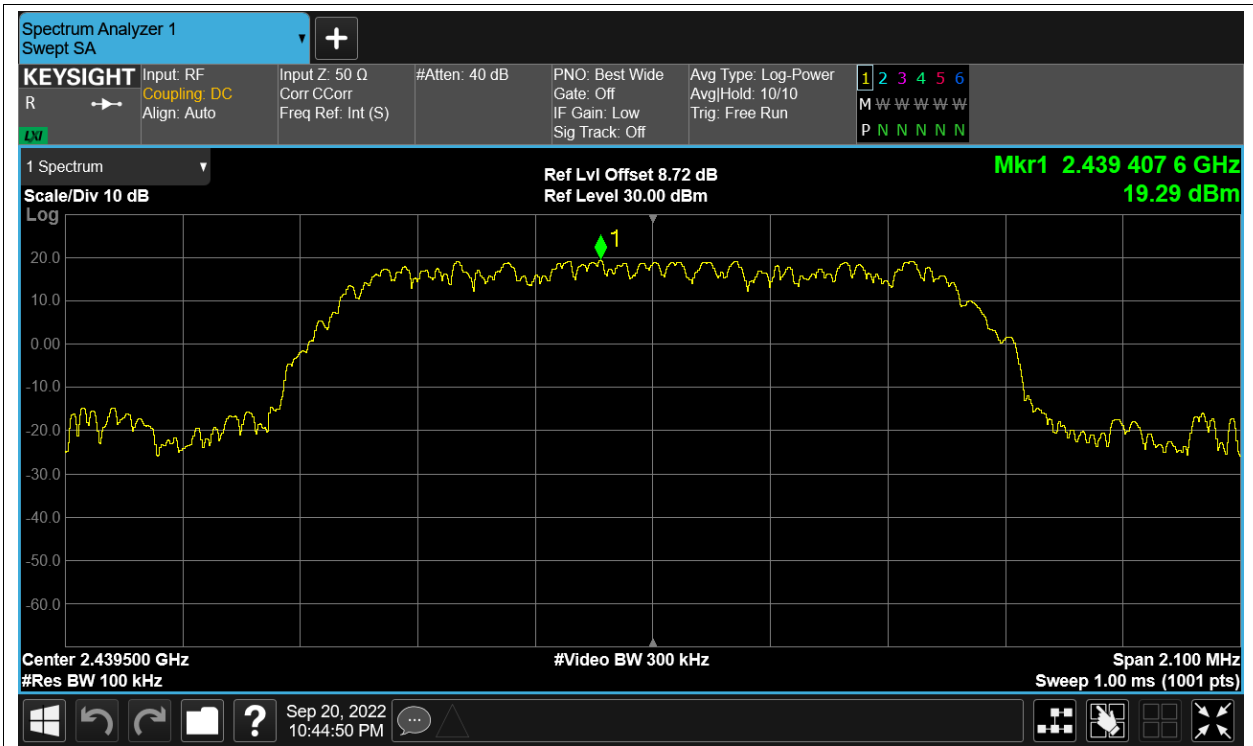
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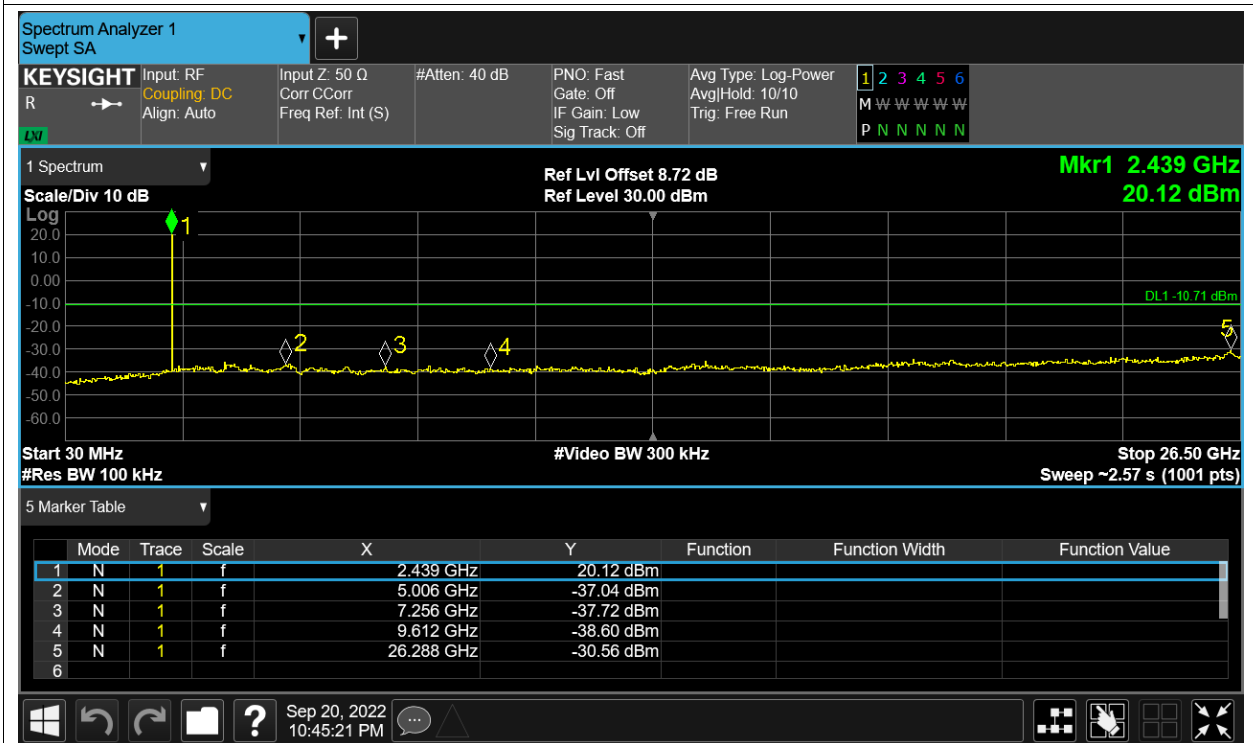
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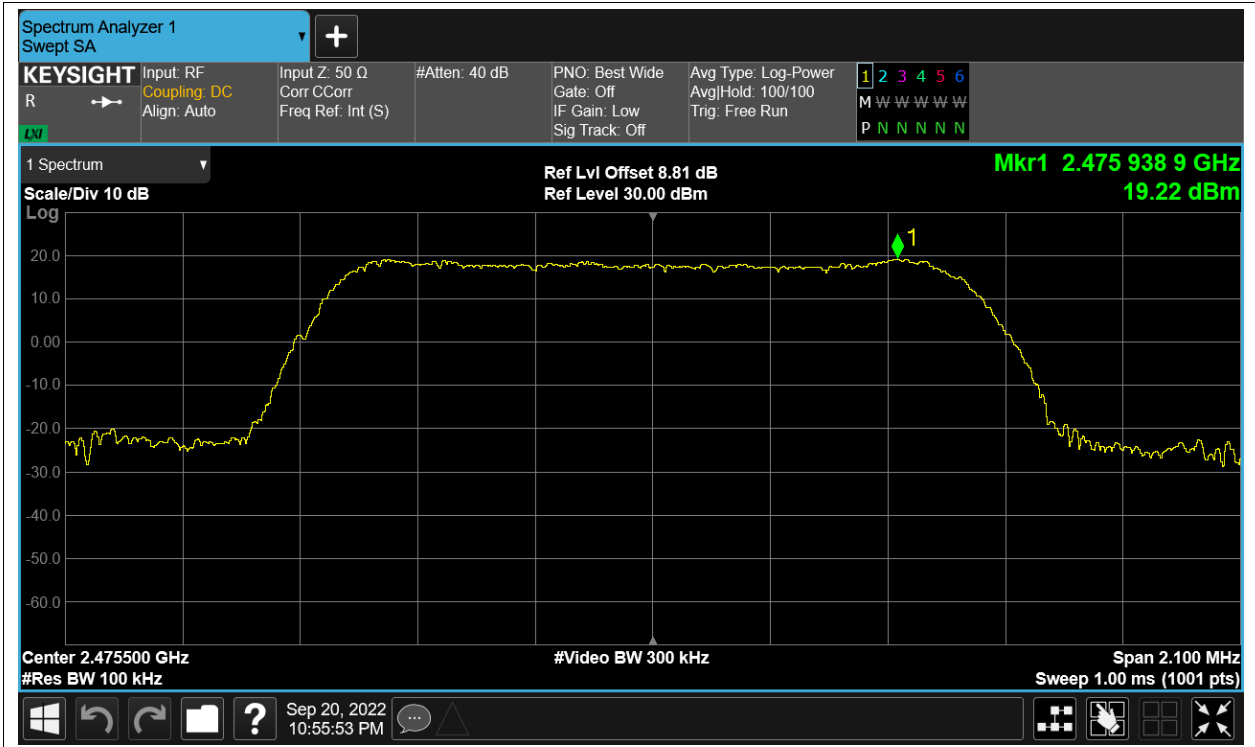
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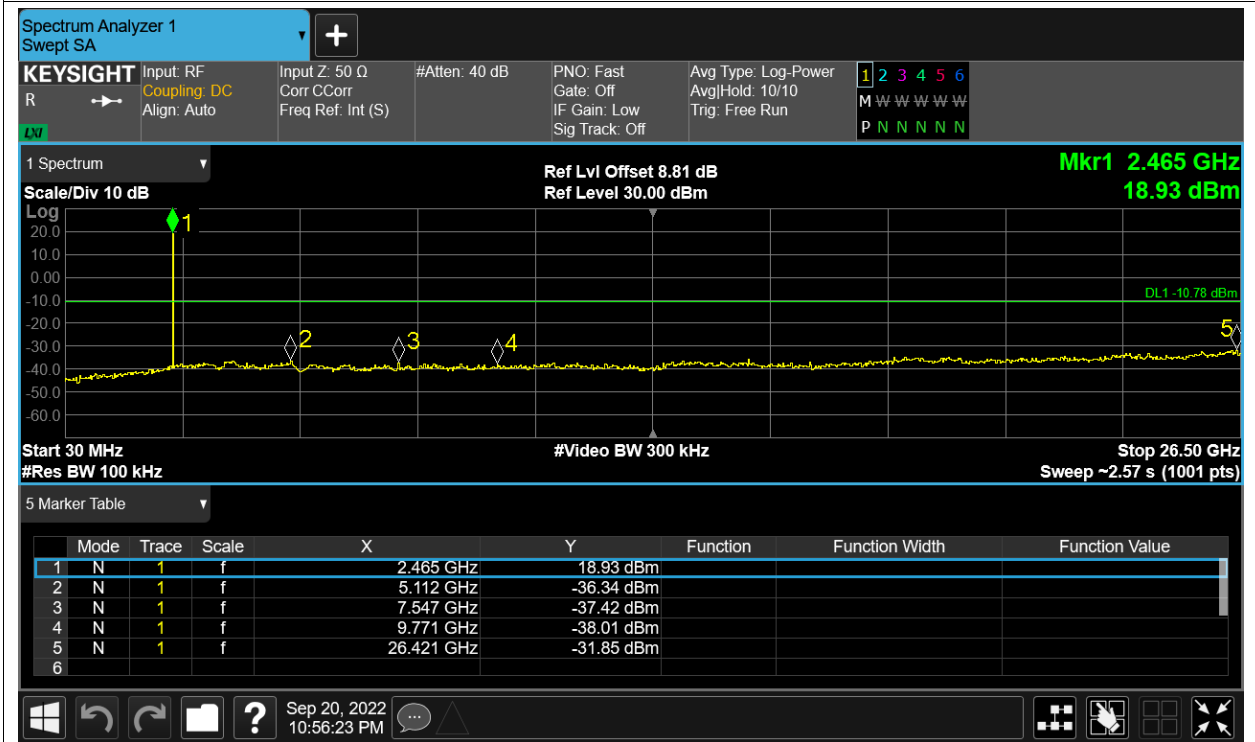
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Tx. Spurious NVNT 2.4G-1.4M-16QAM 2475.5MHz Ant1 Ref

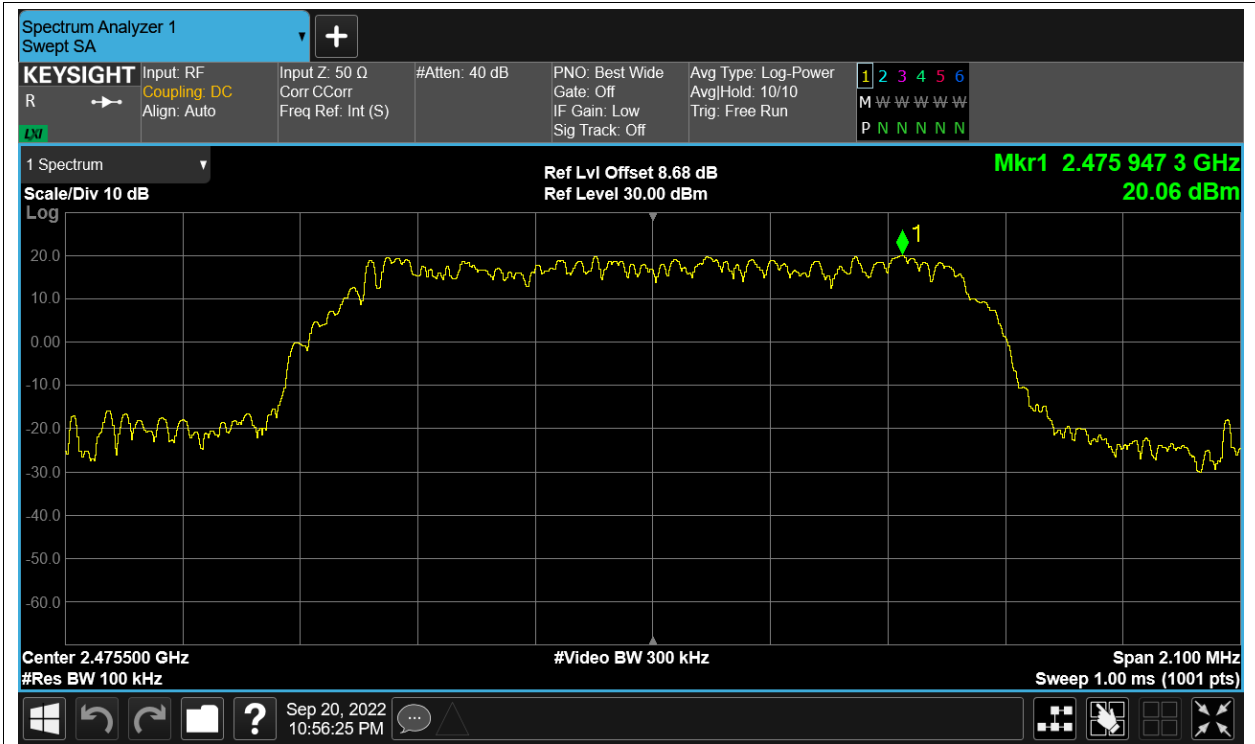


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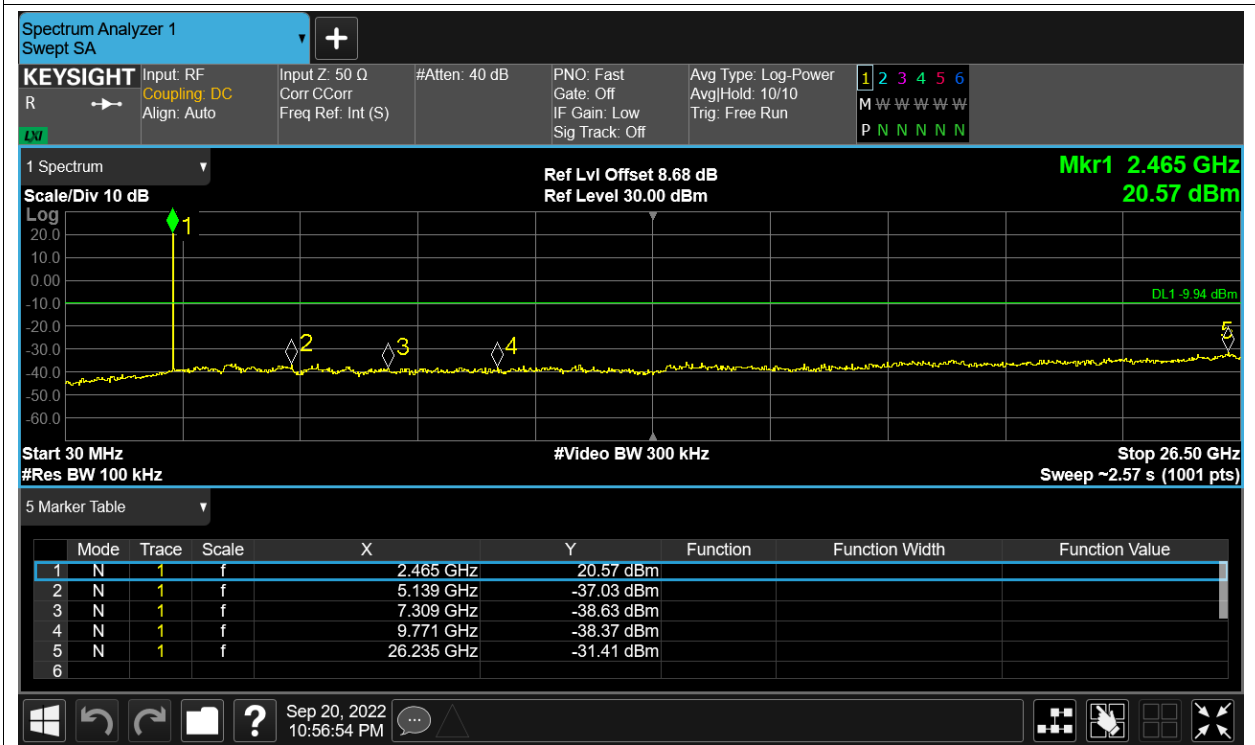


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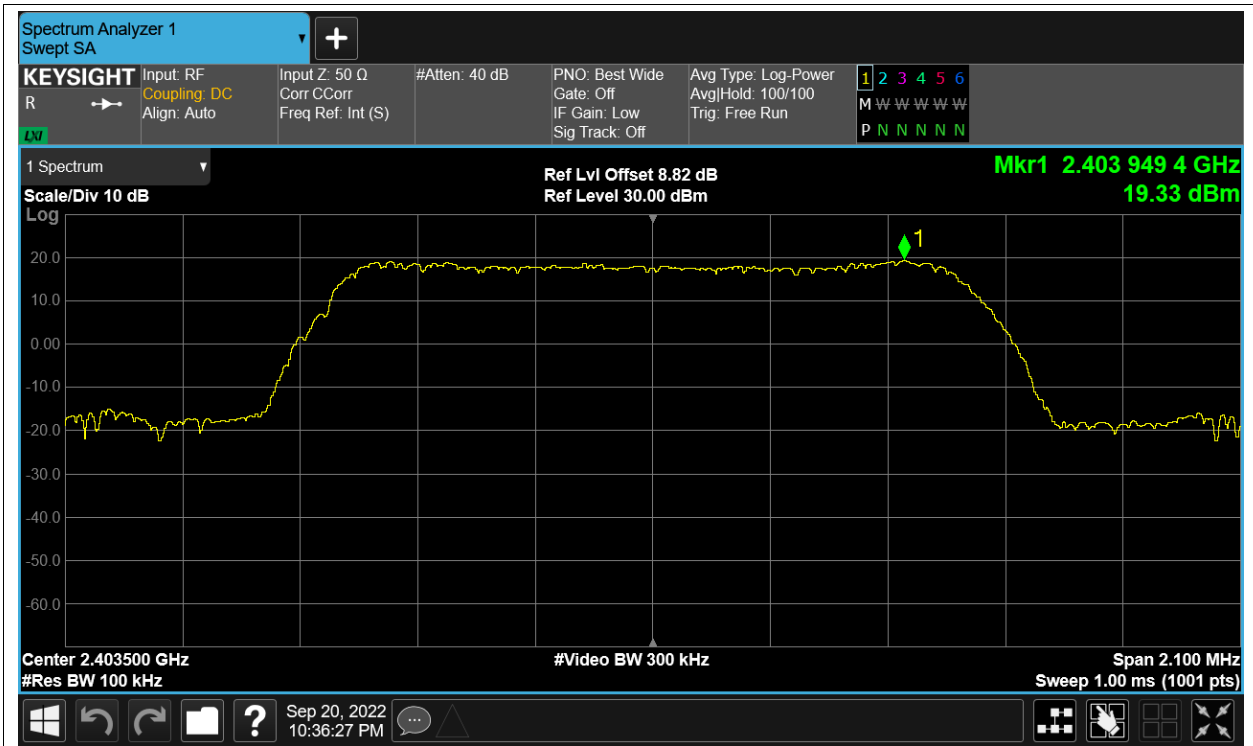




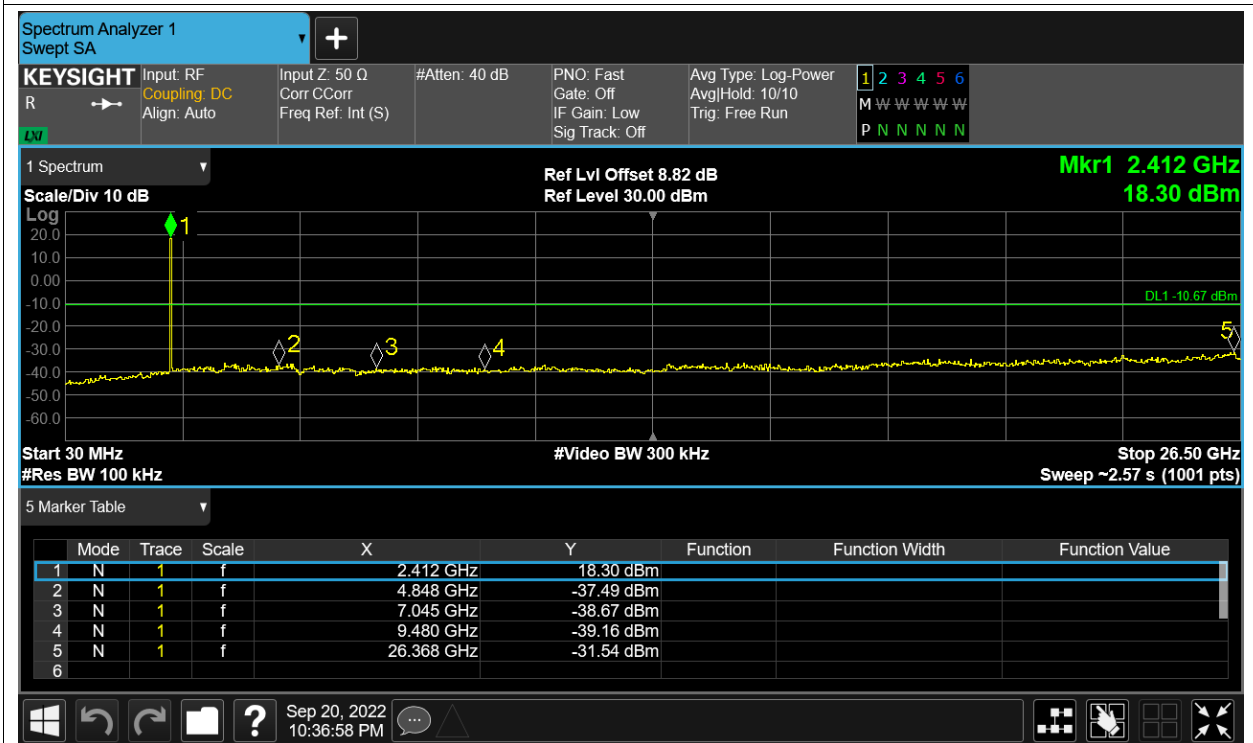
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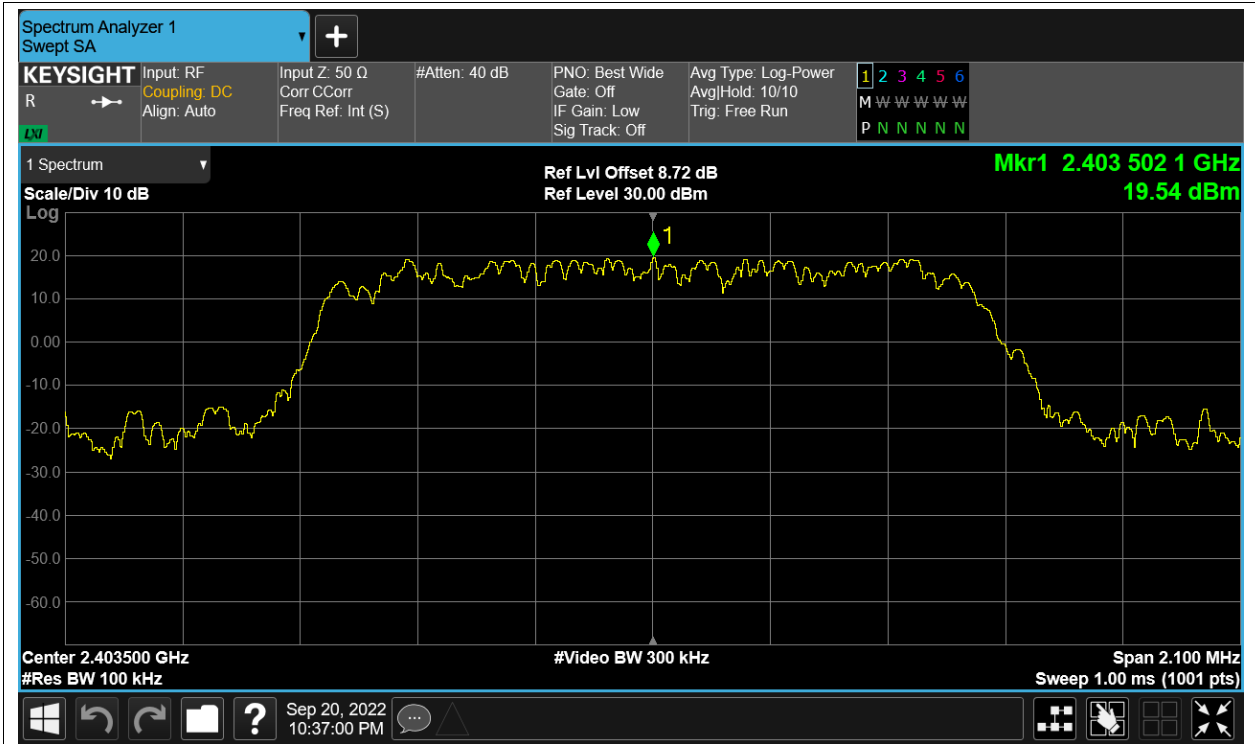
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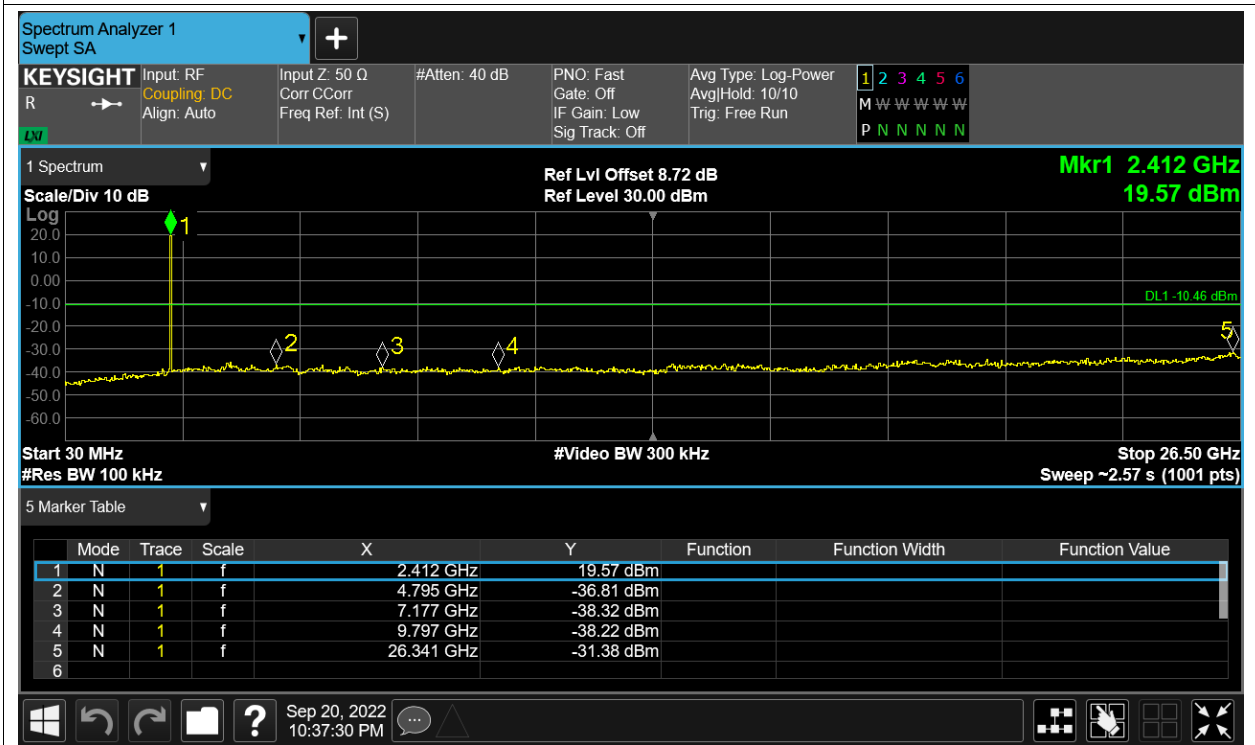
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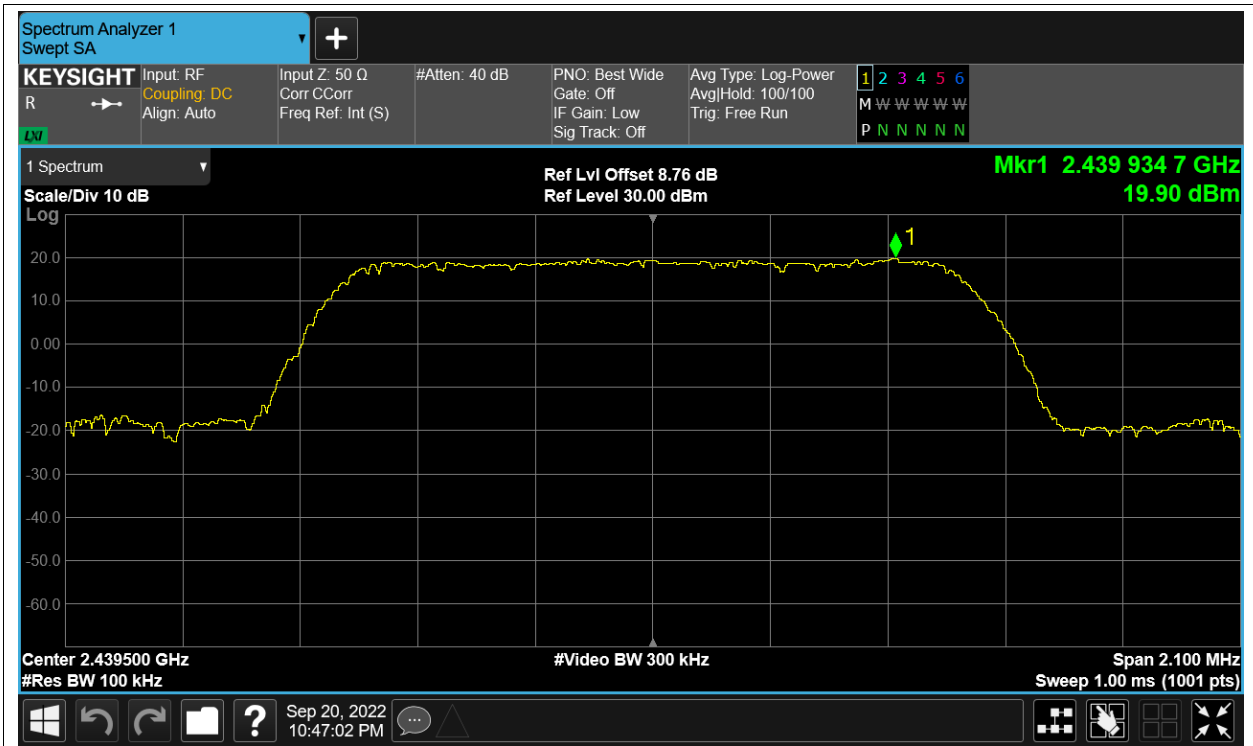
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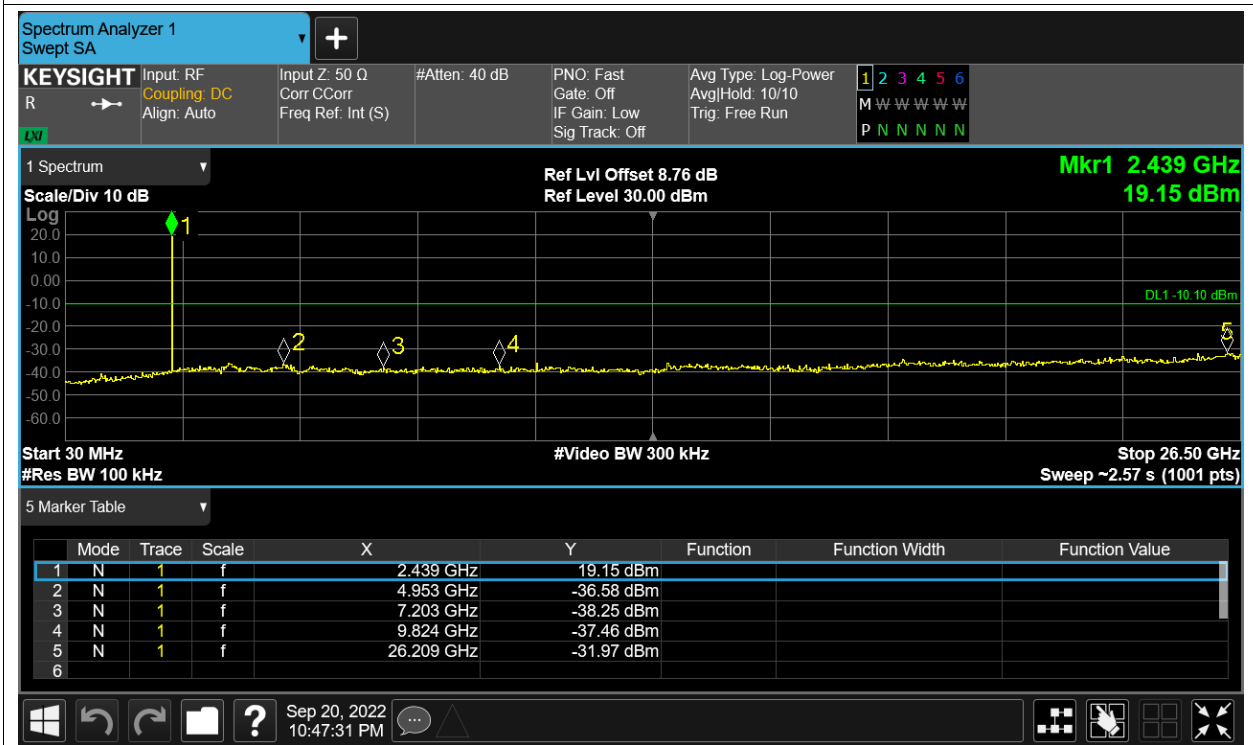
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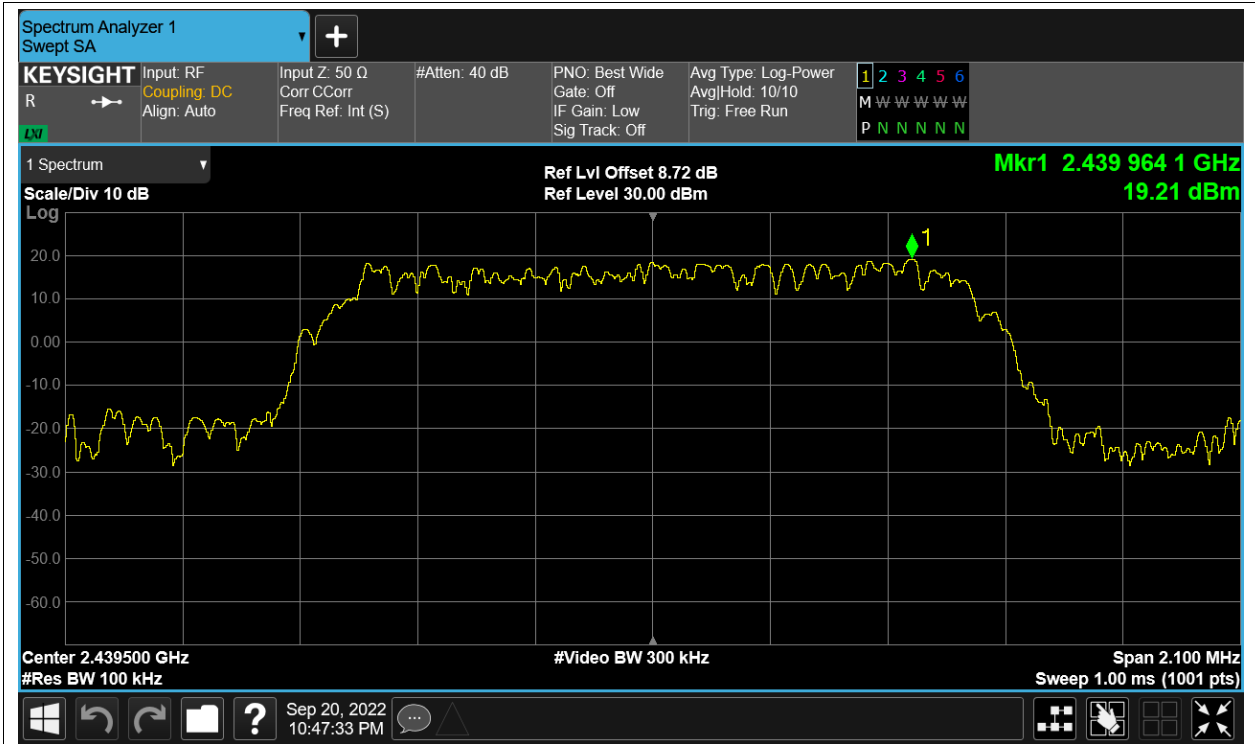
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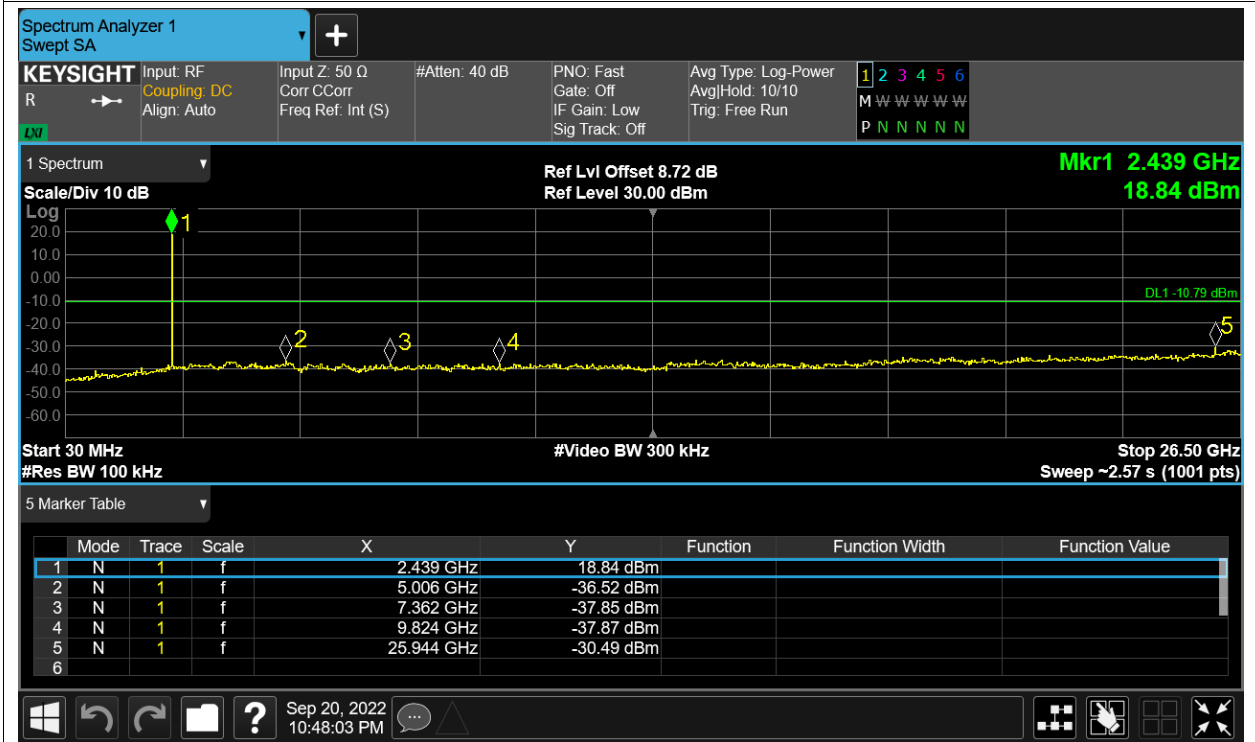
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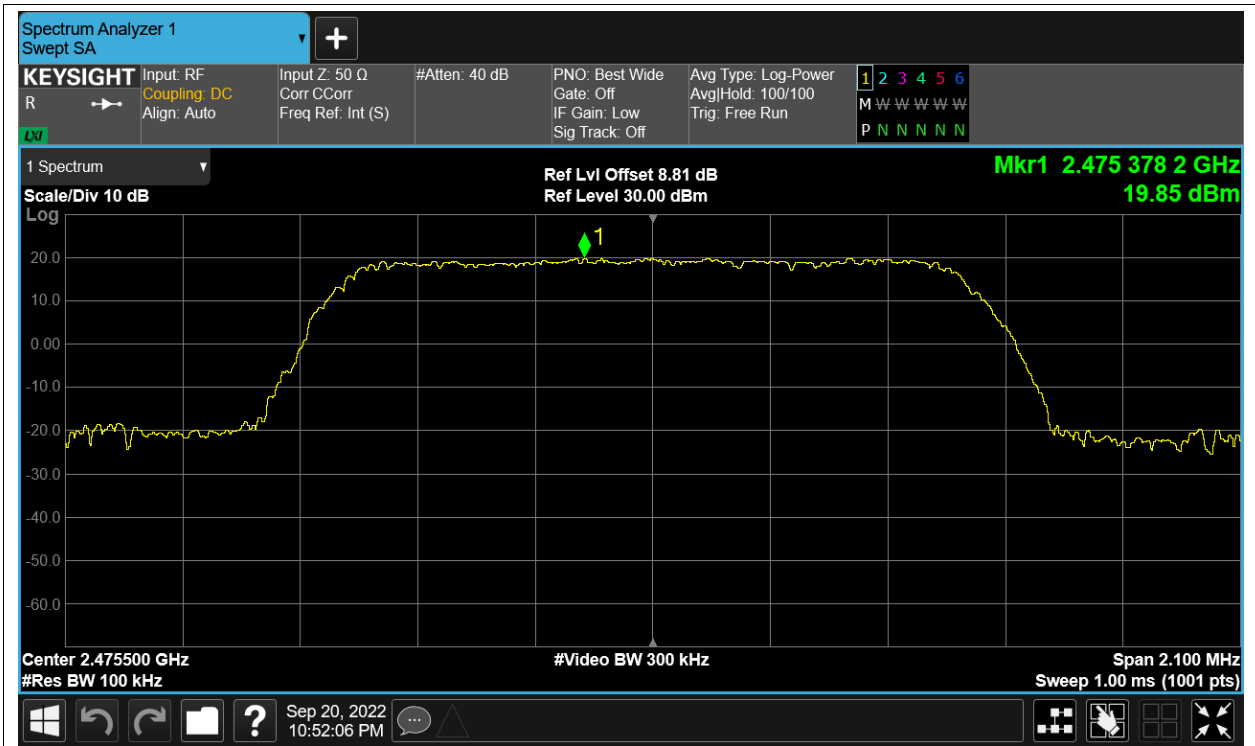
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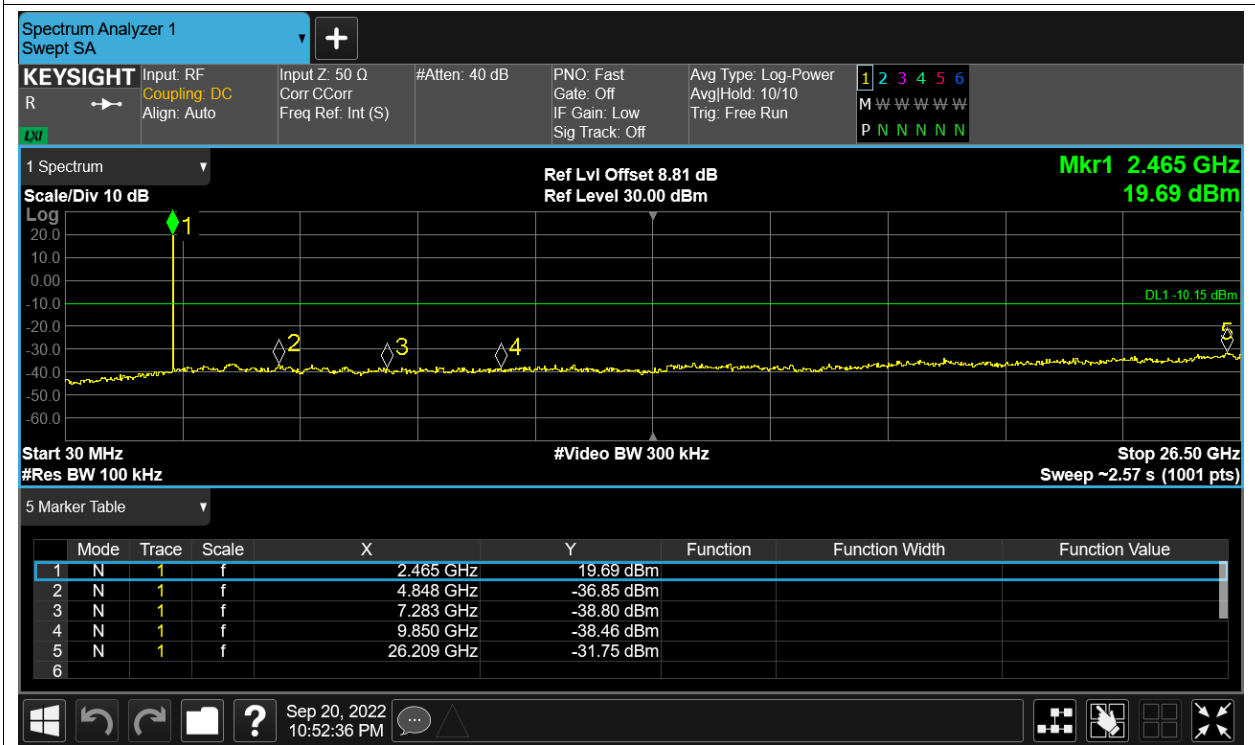
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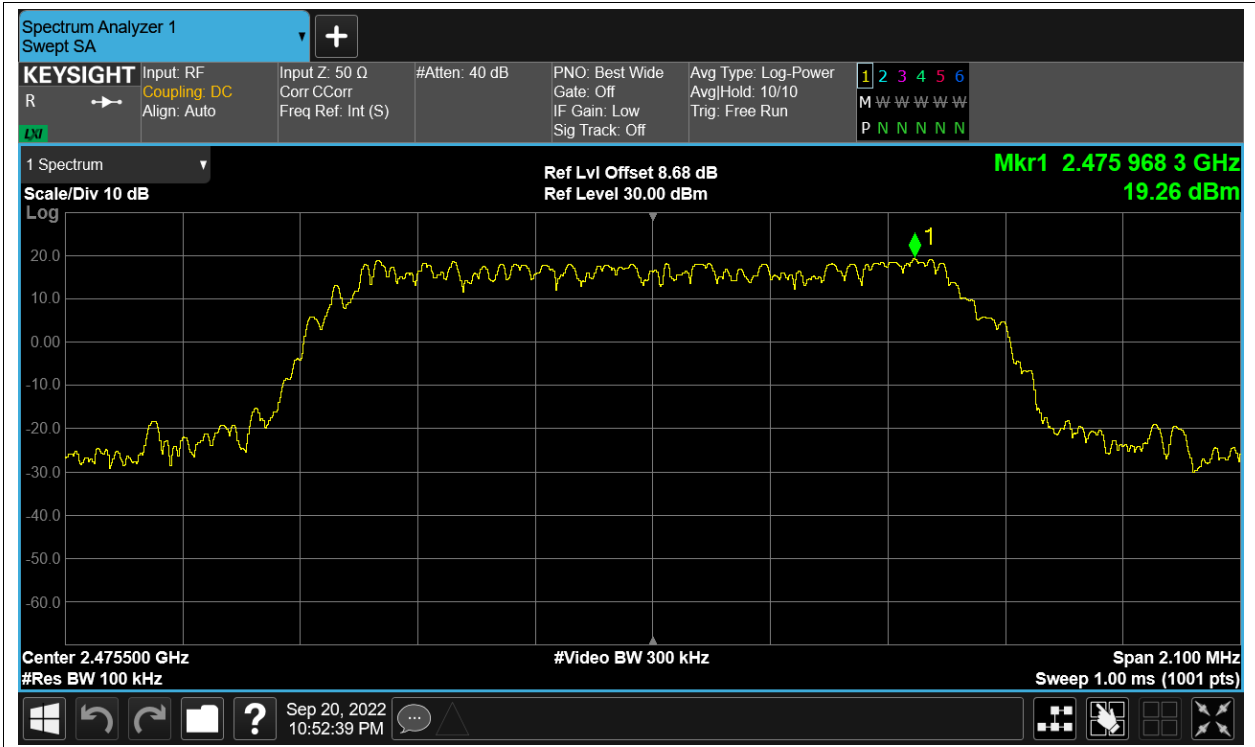
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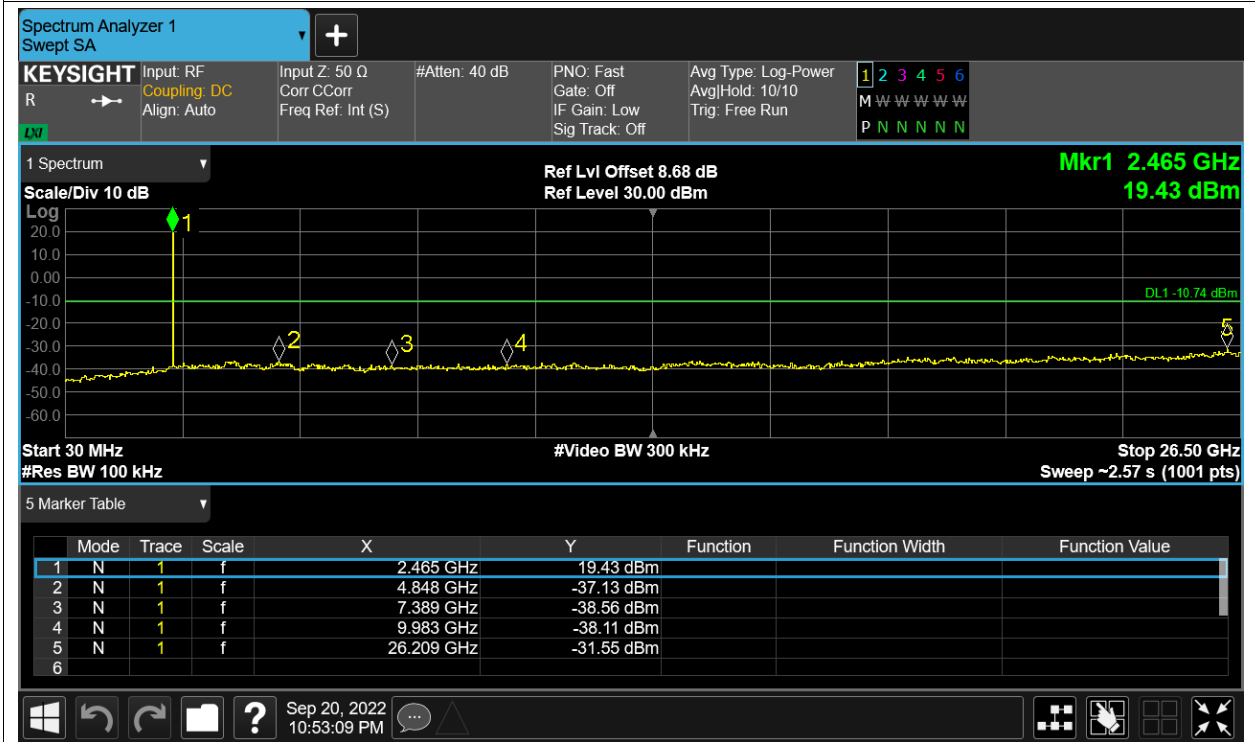
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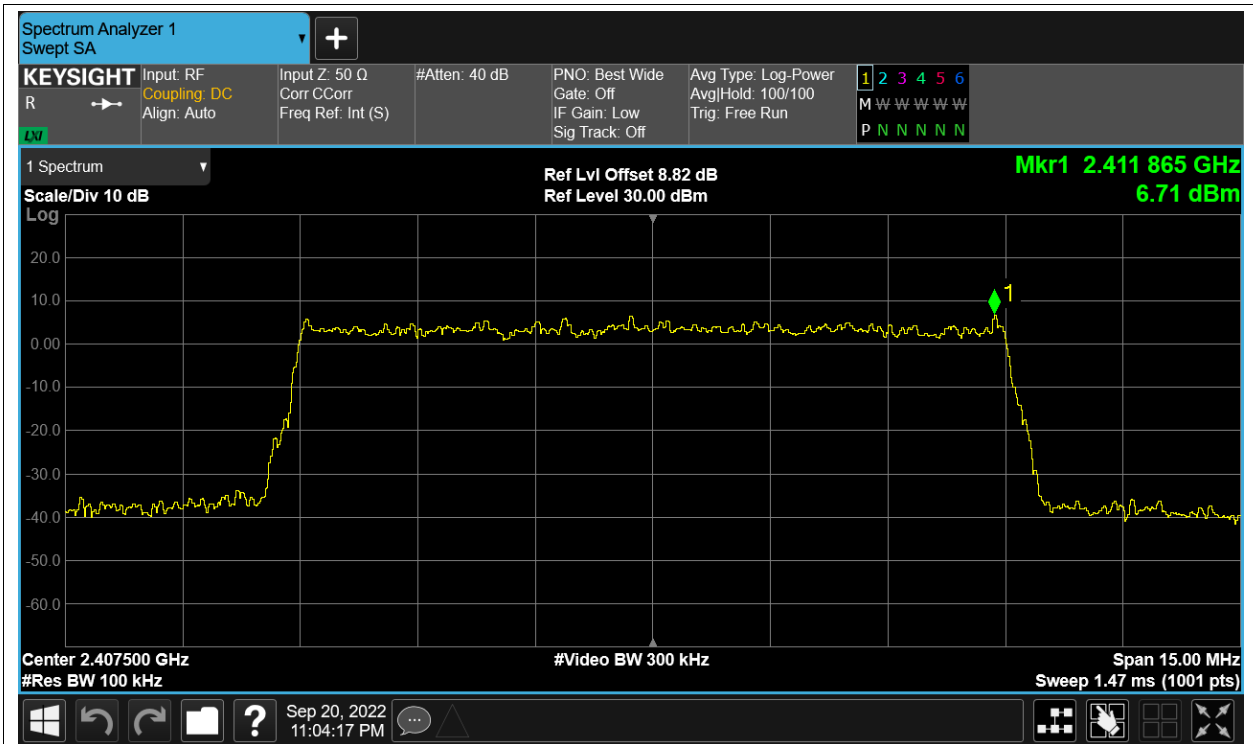
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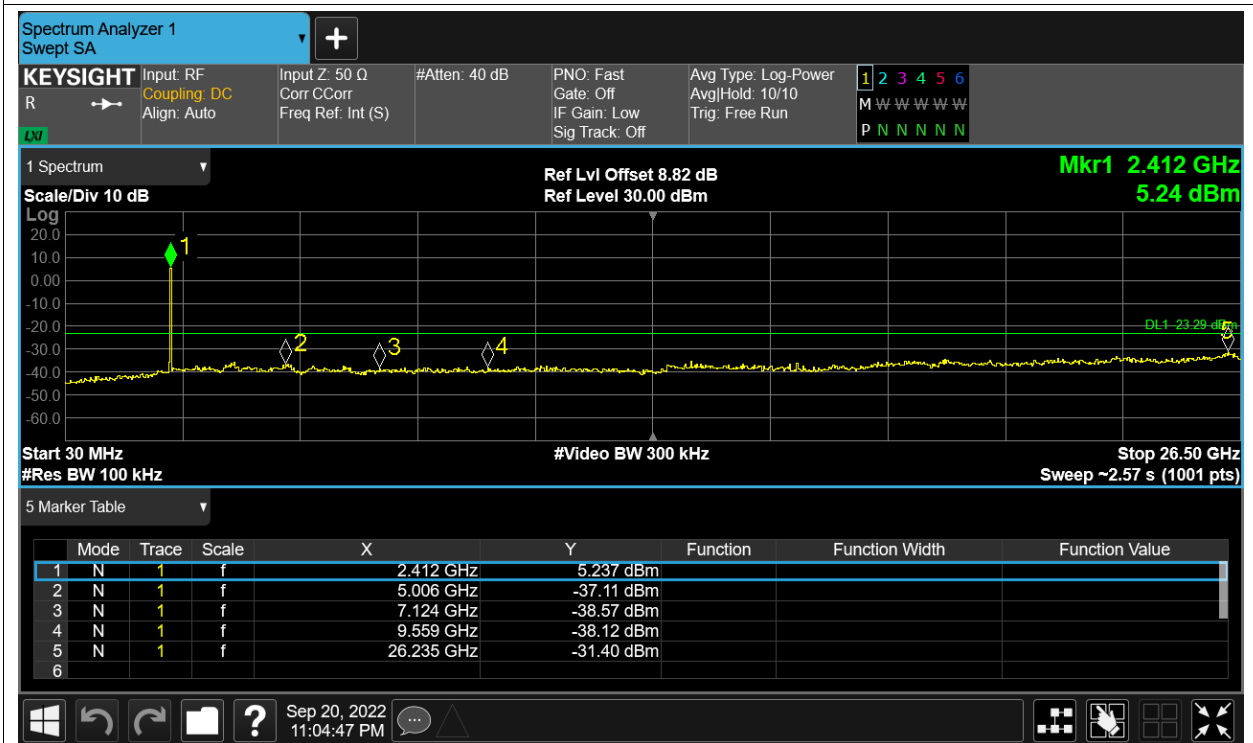
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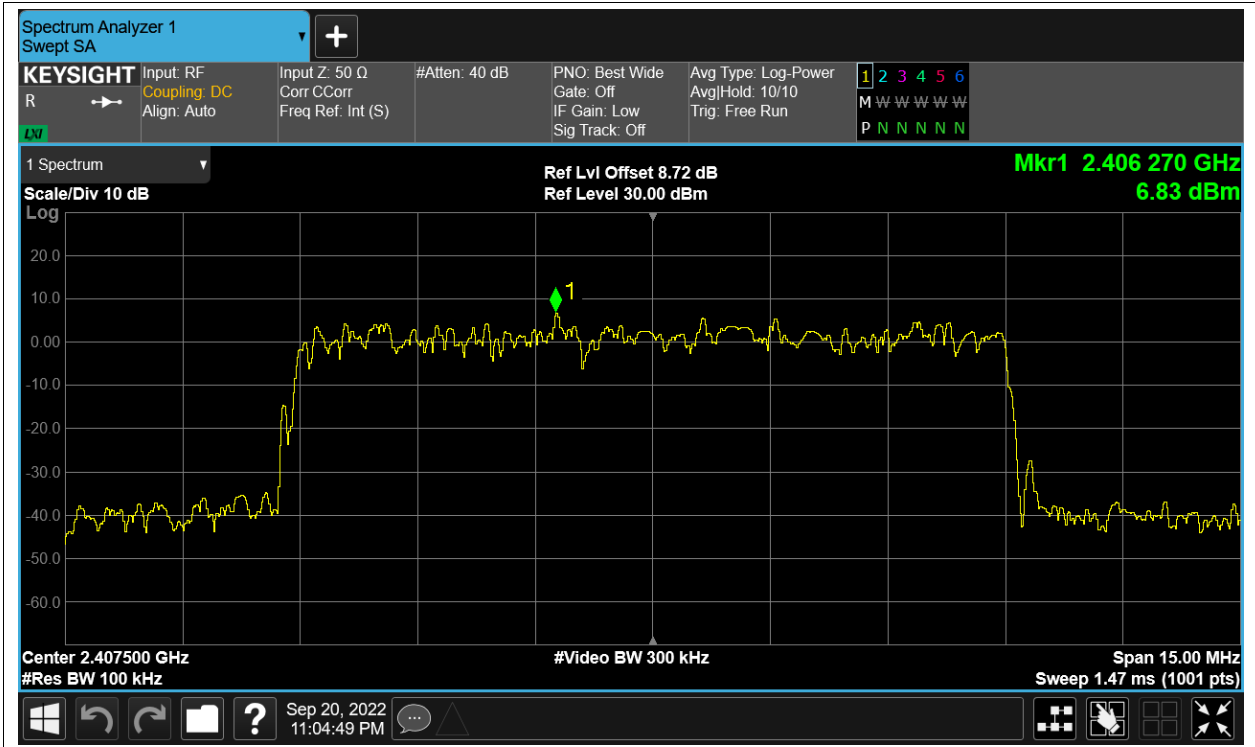


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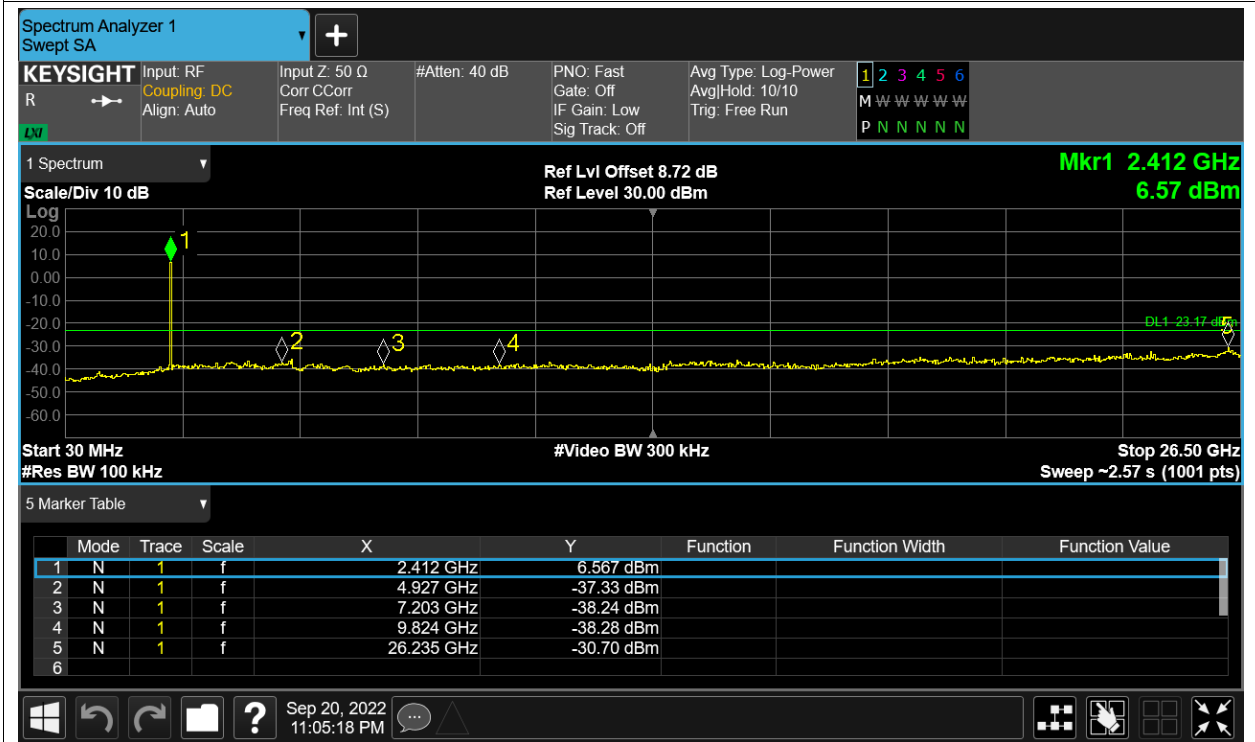


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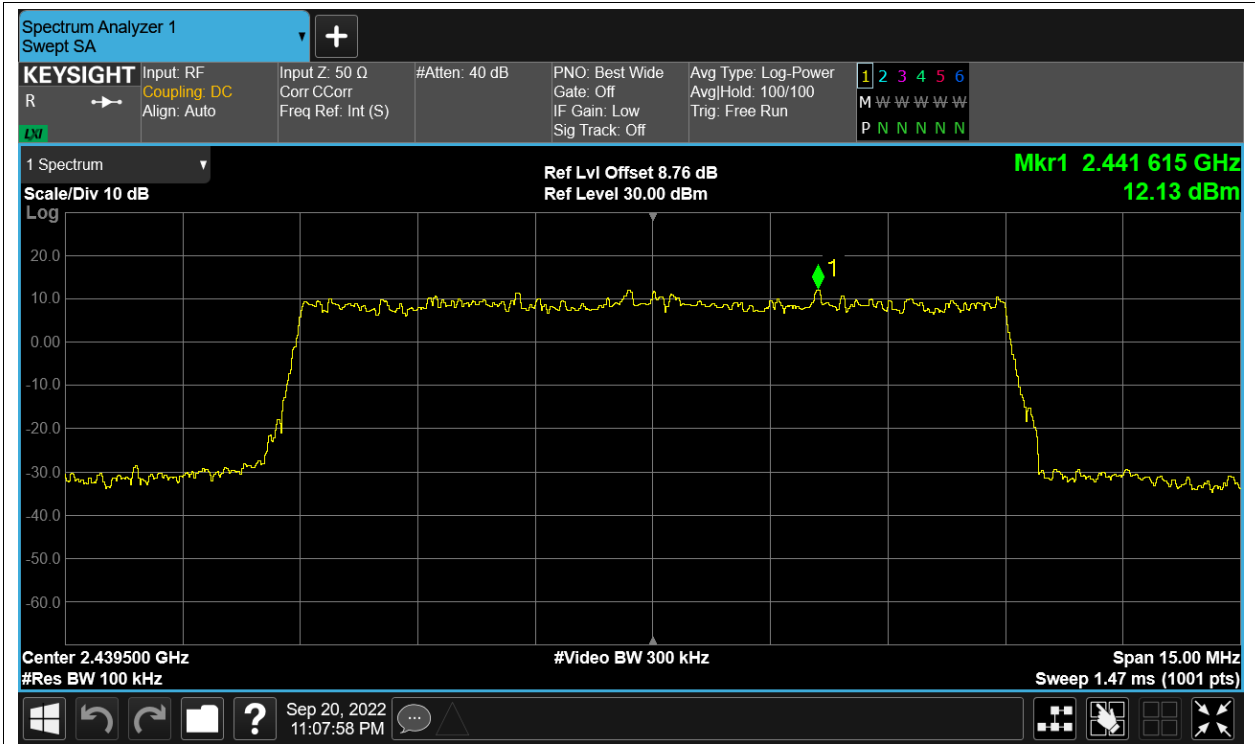




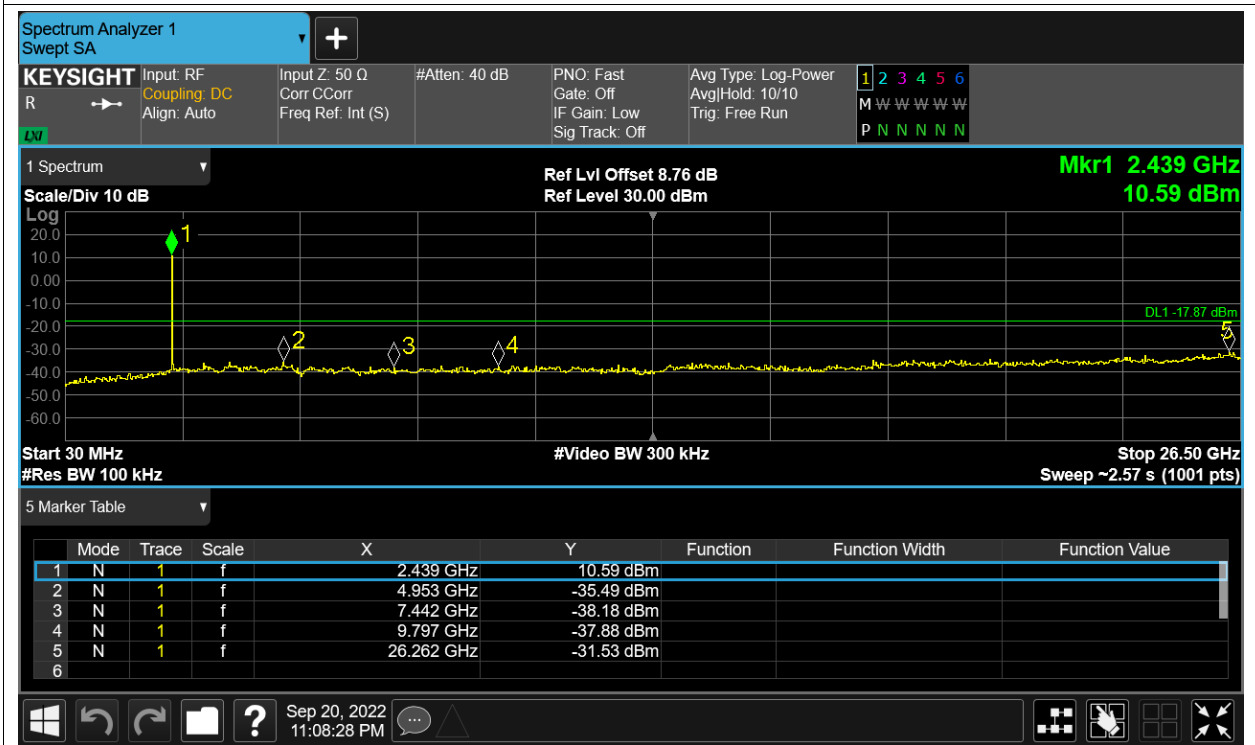
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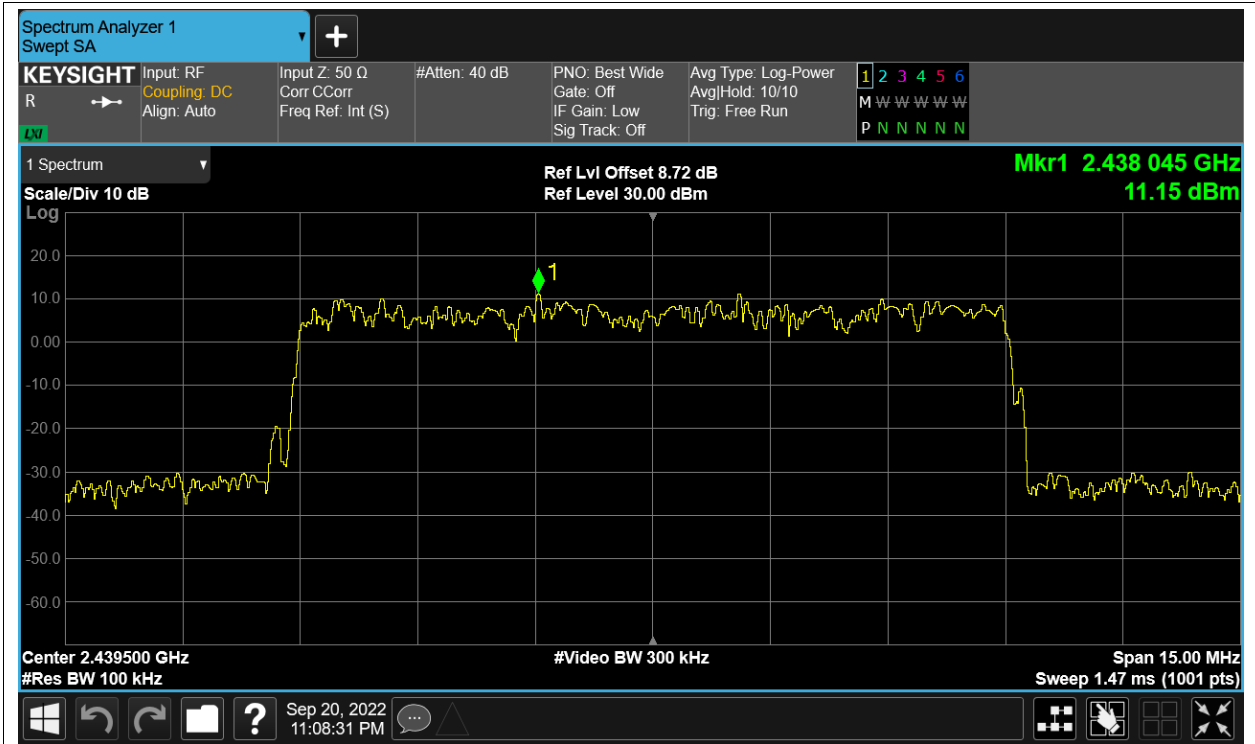
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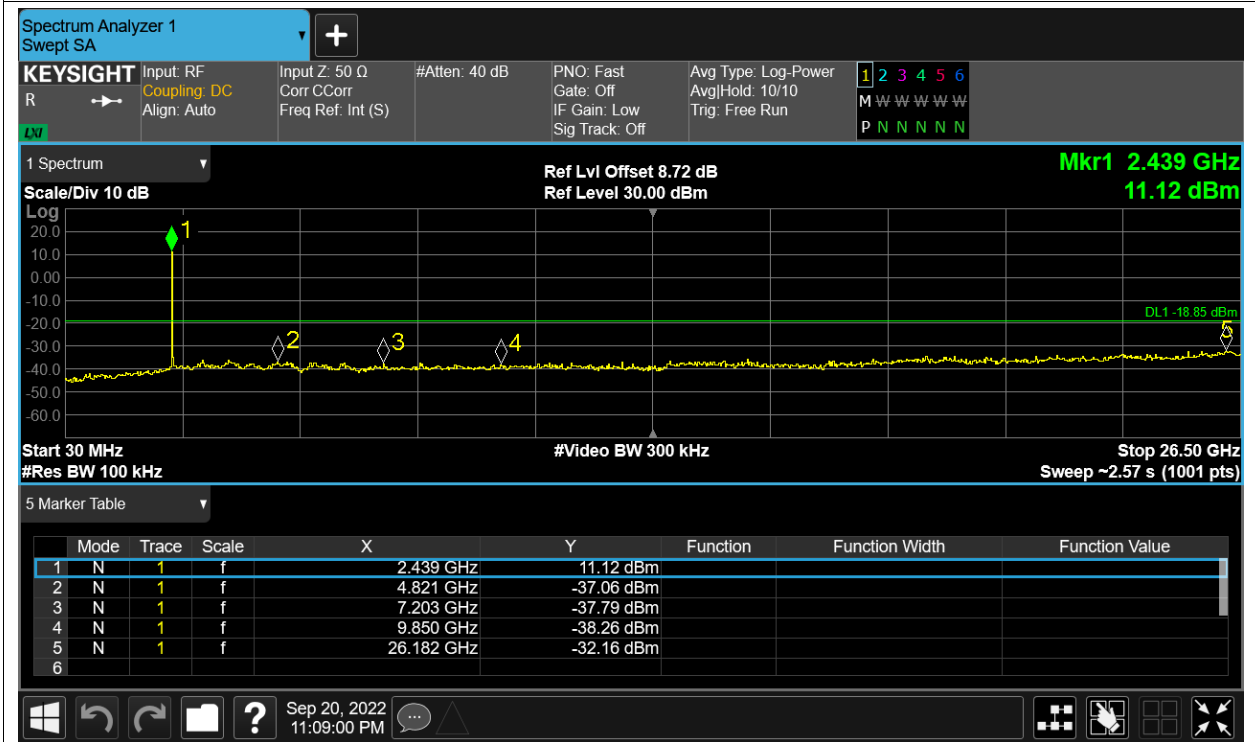
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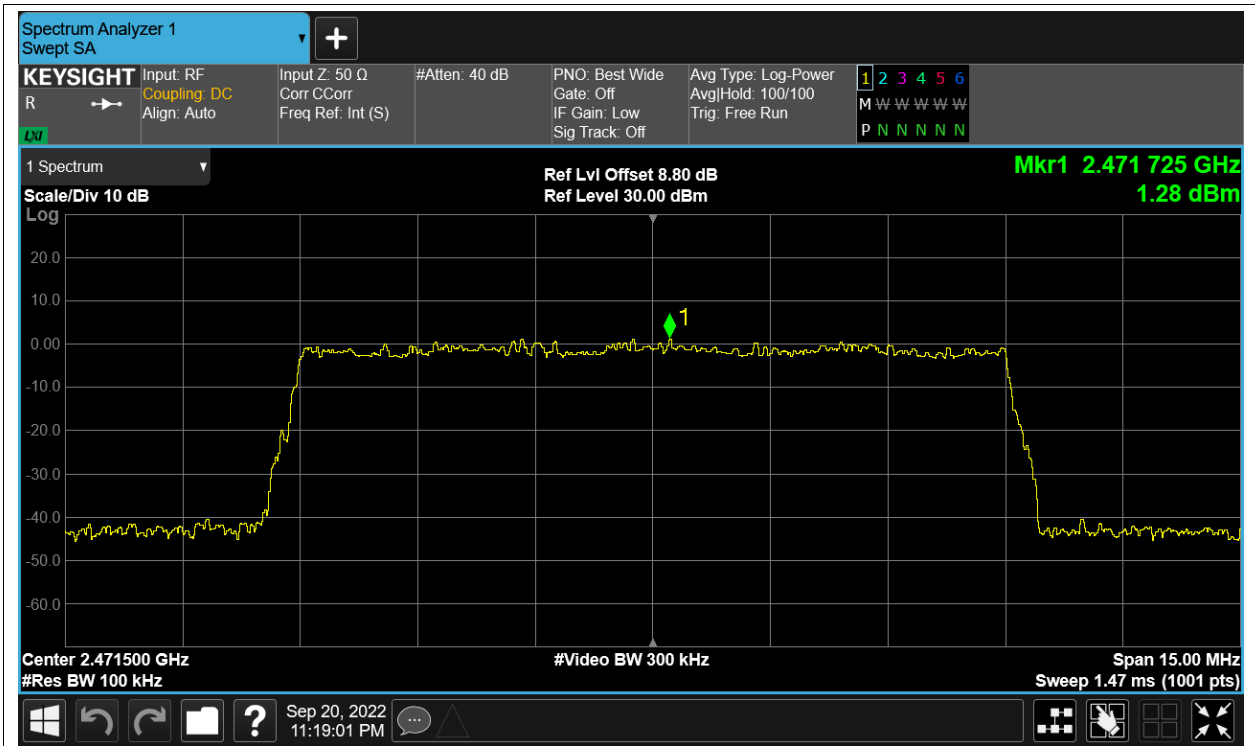
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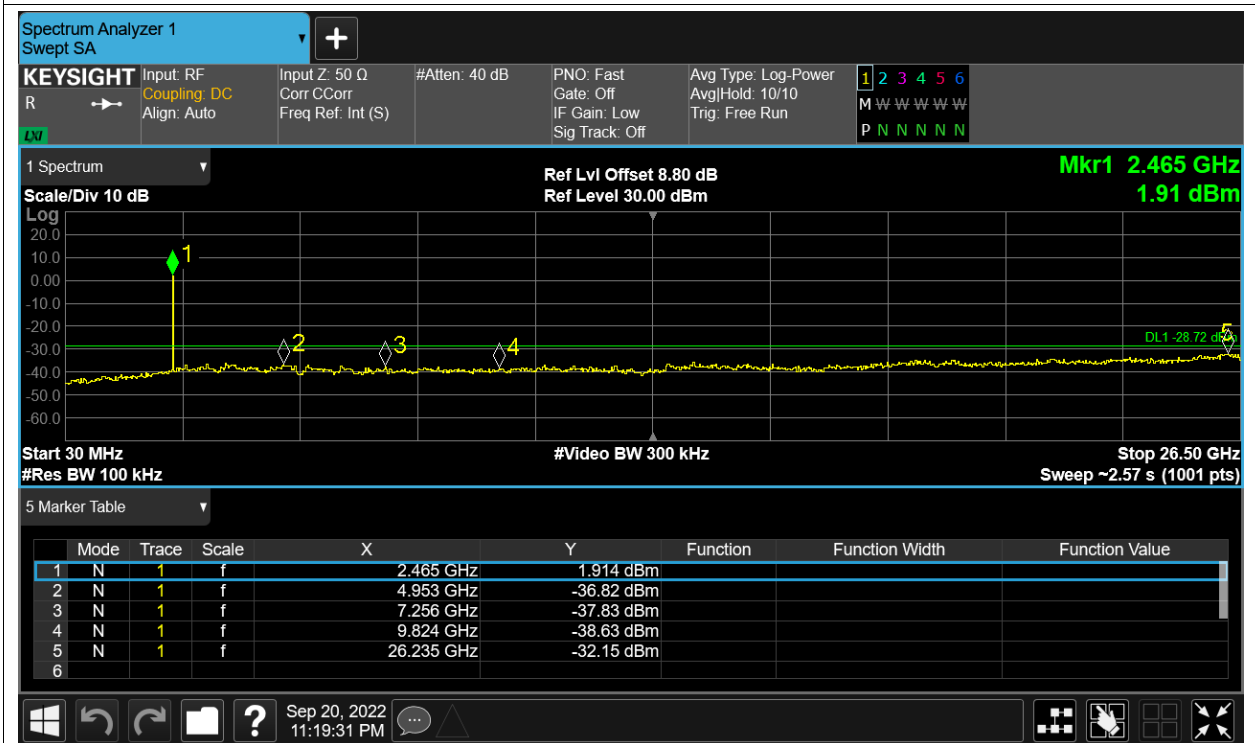
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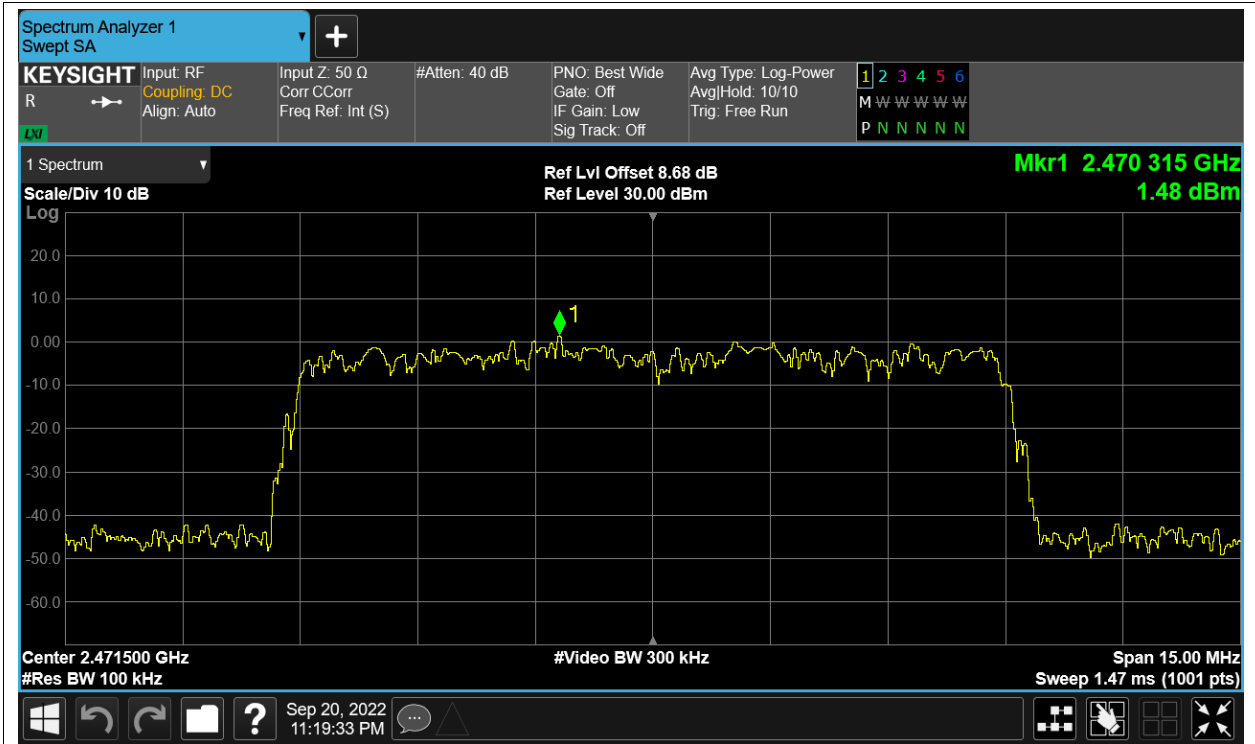
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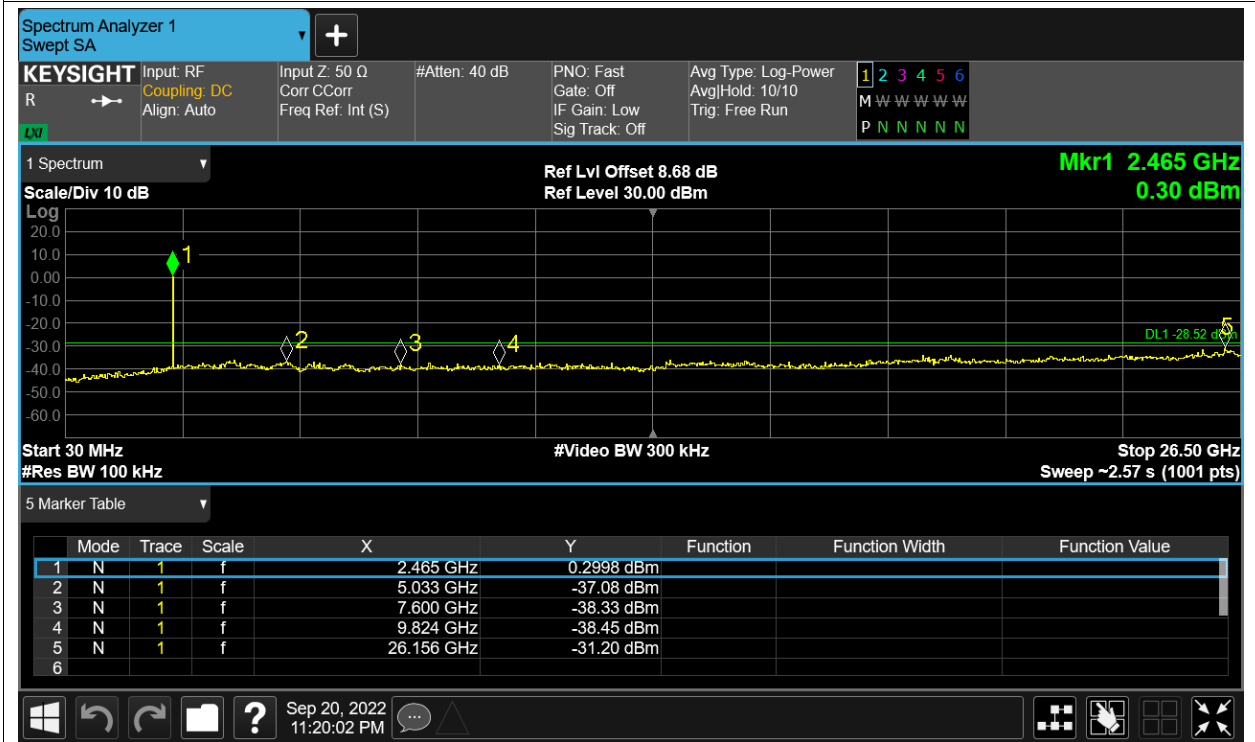
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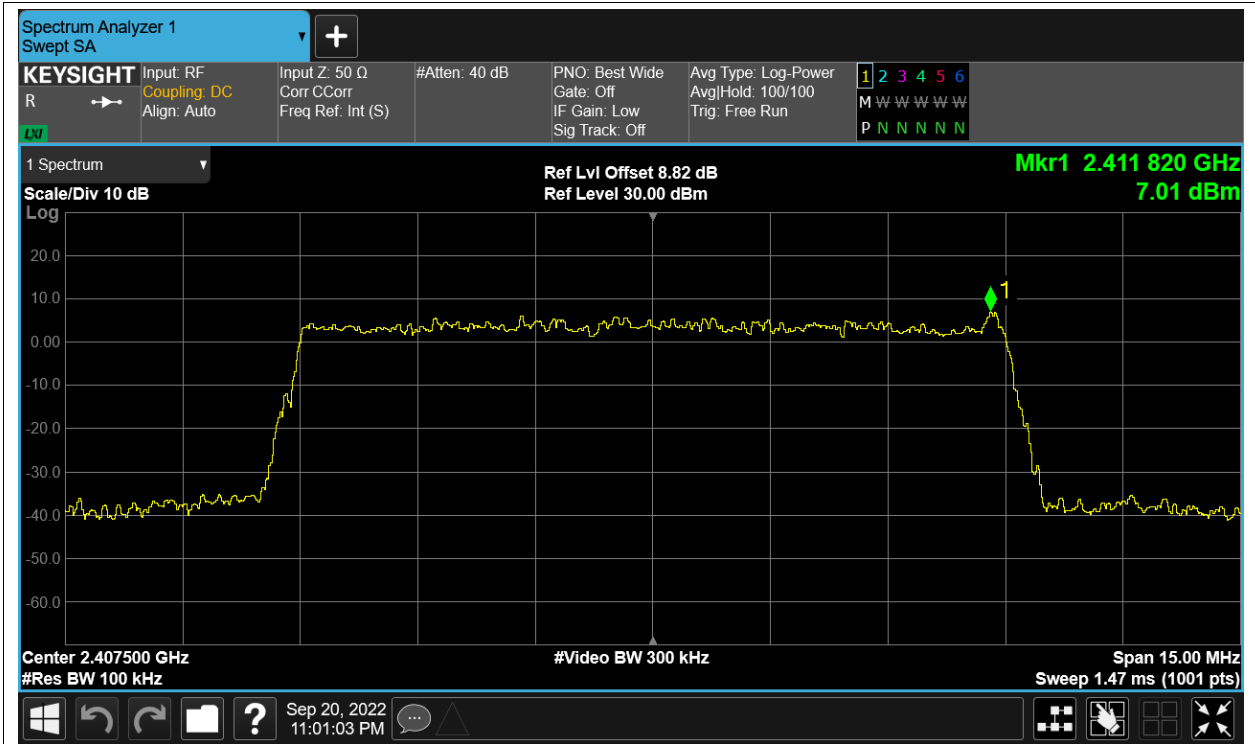
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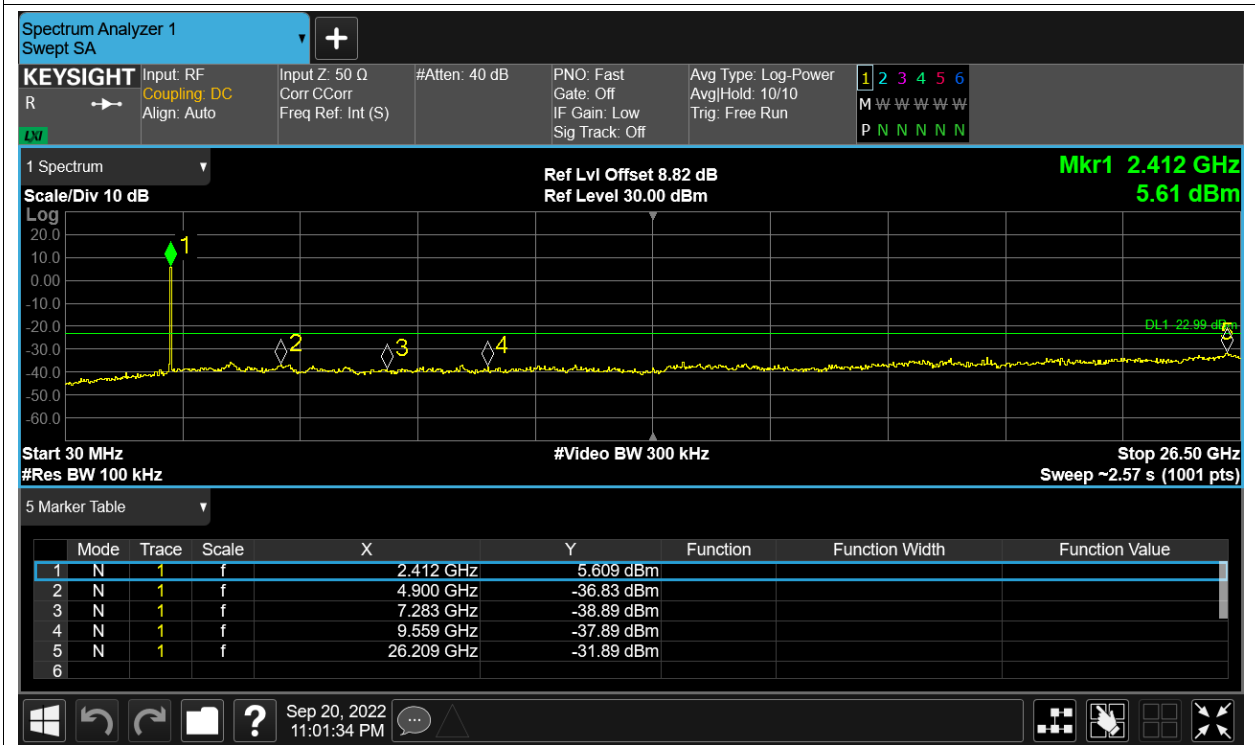
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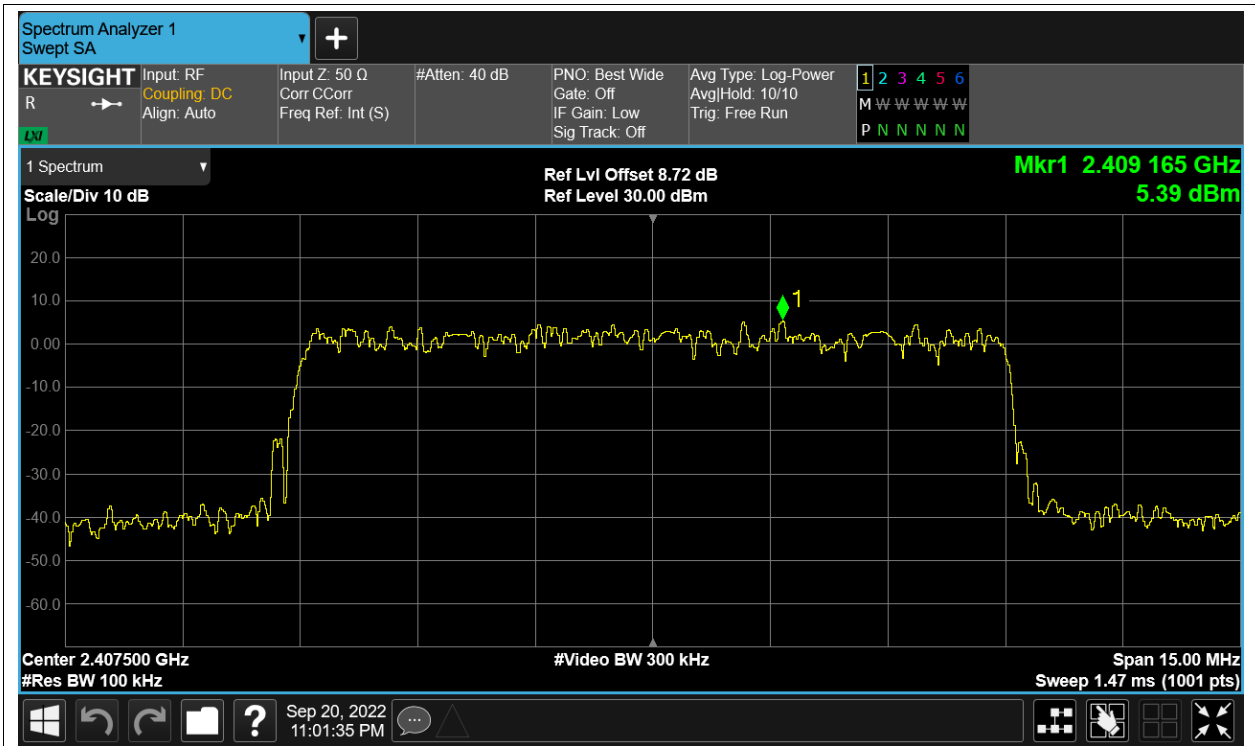
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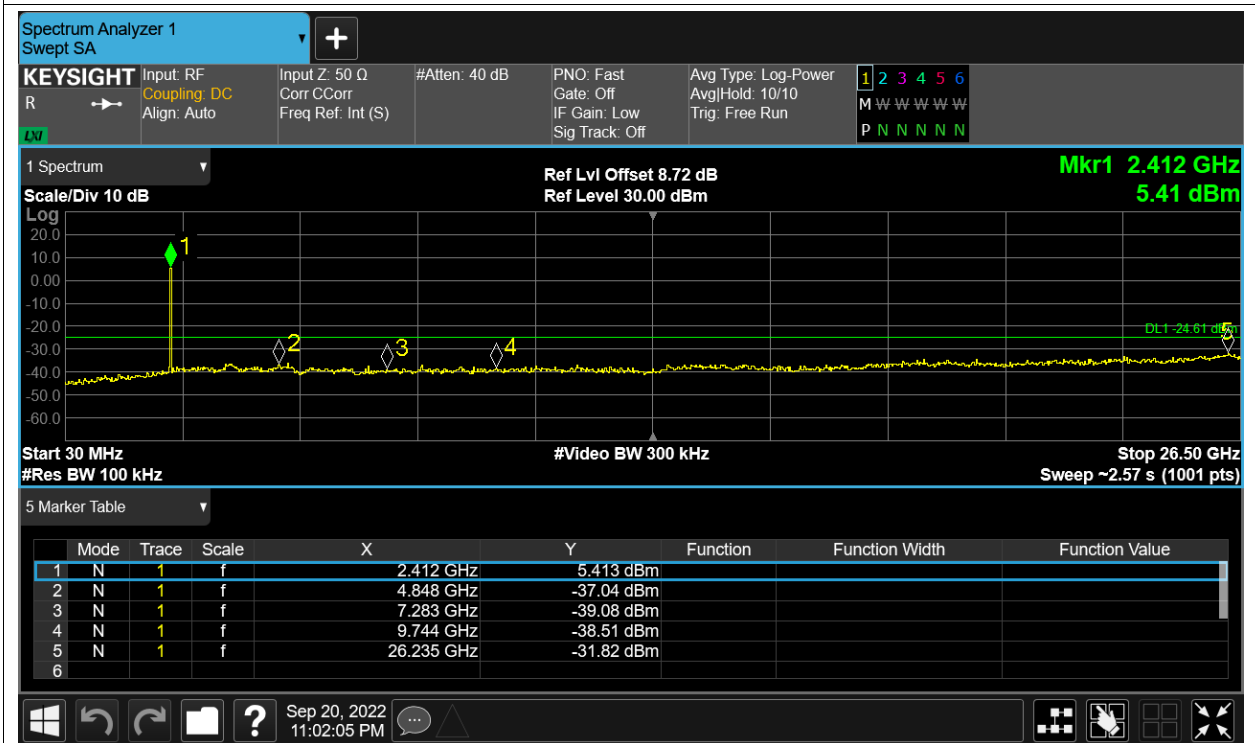
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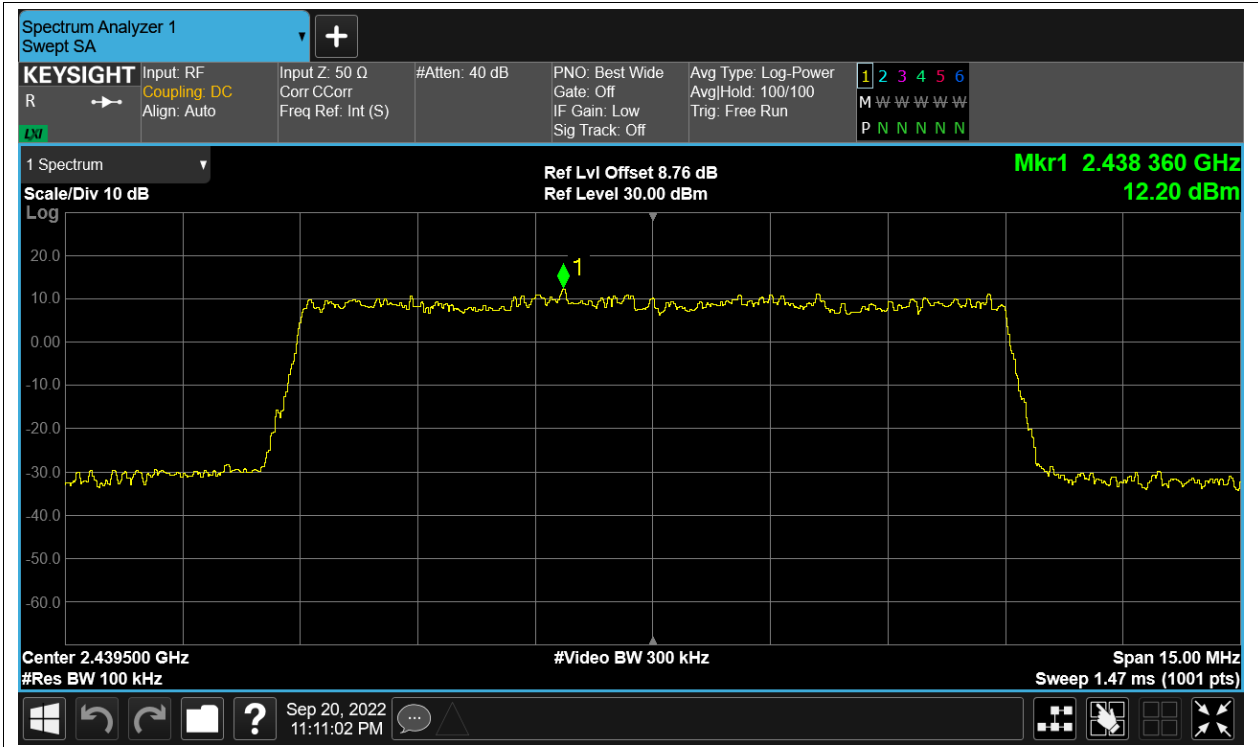
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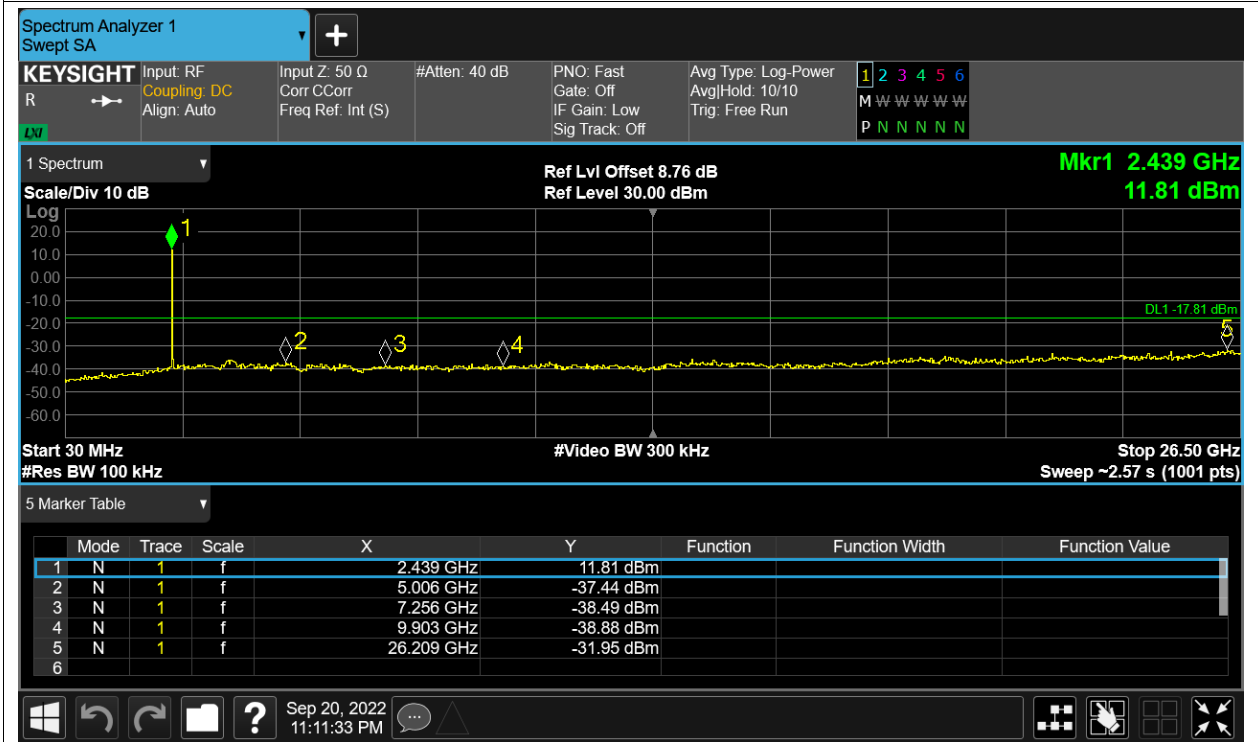
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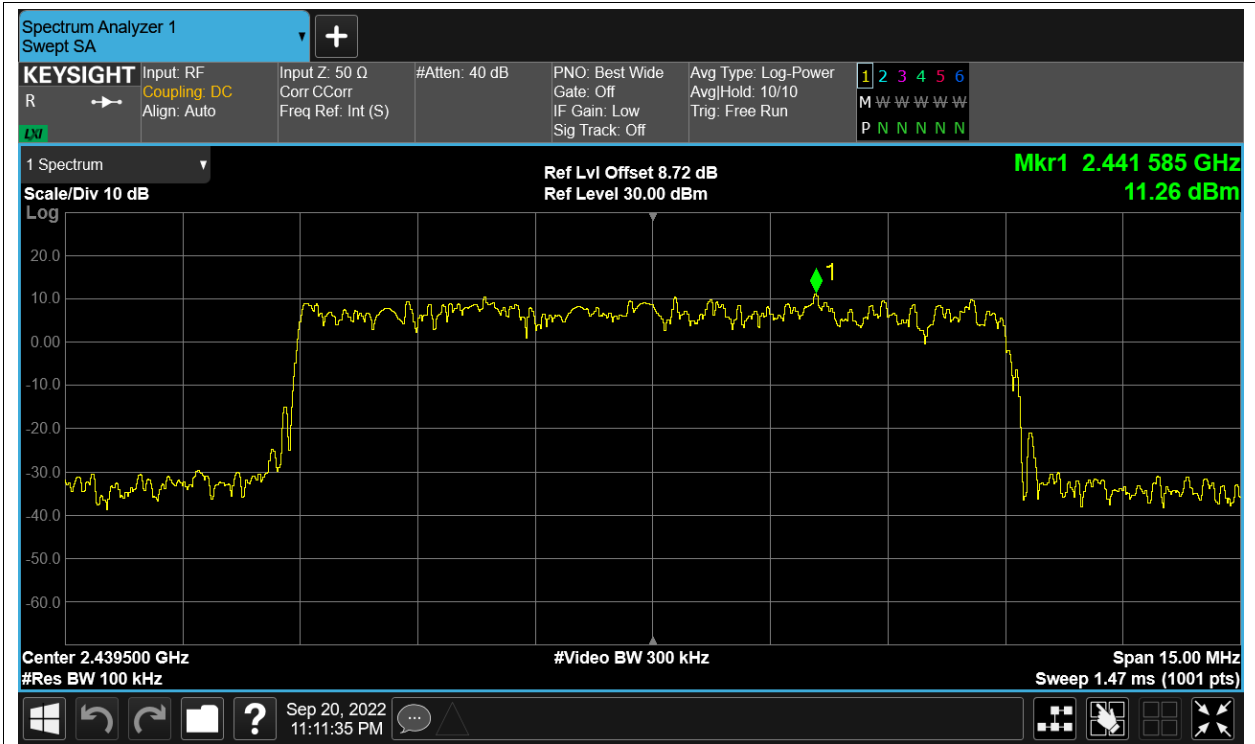


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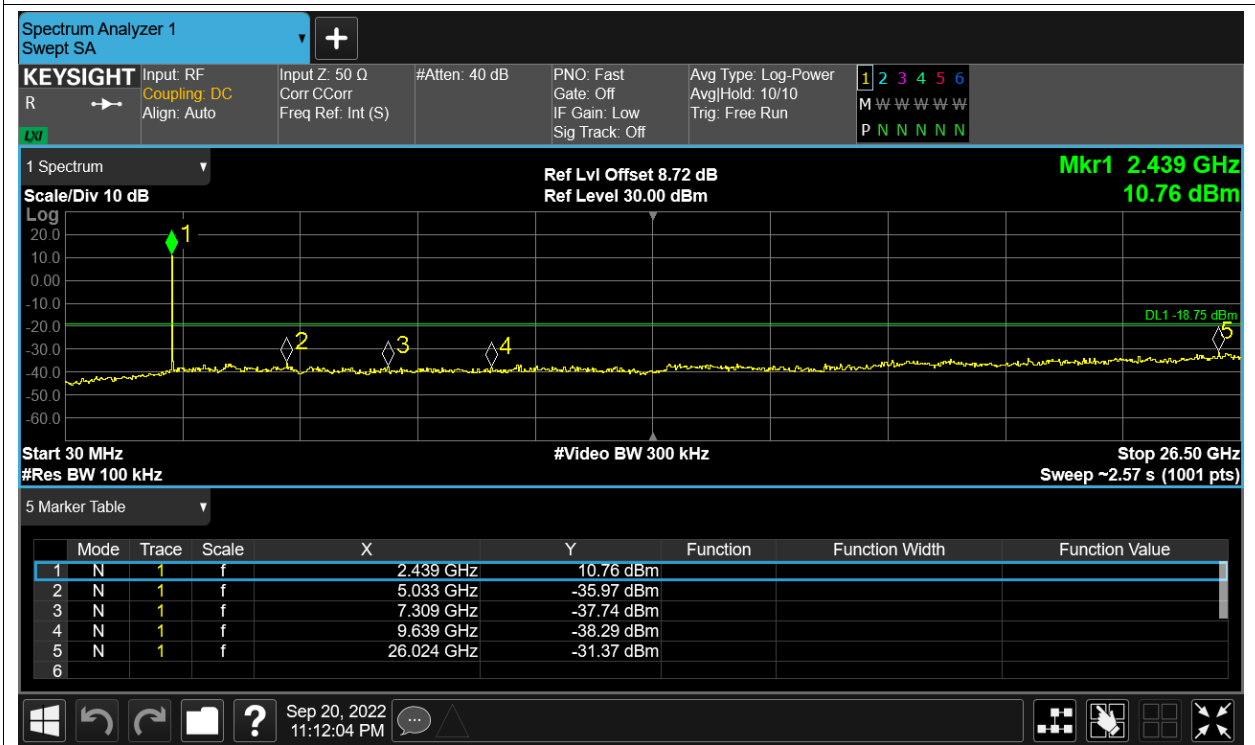


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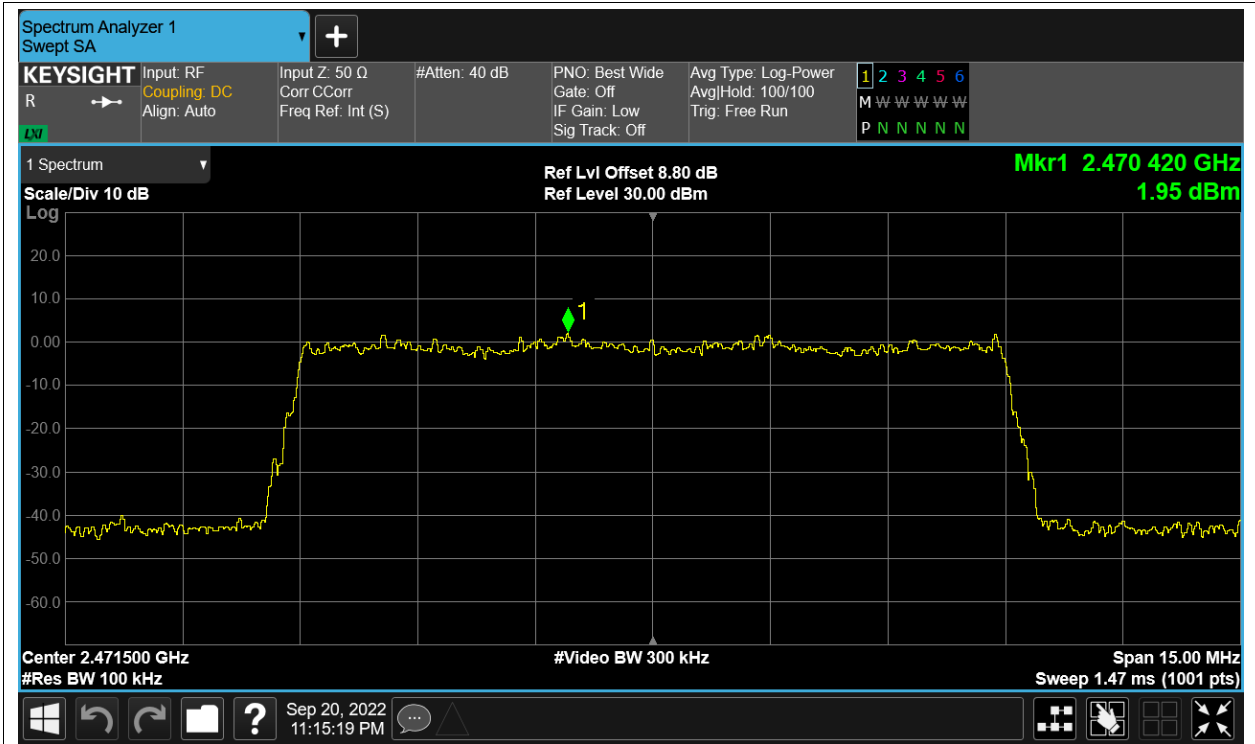




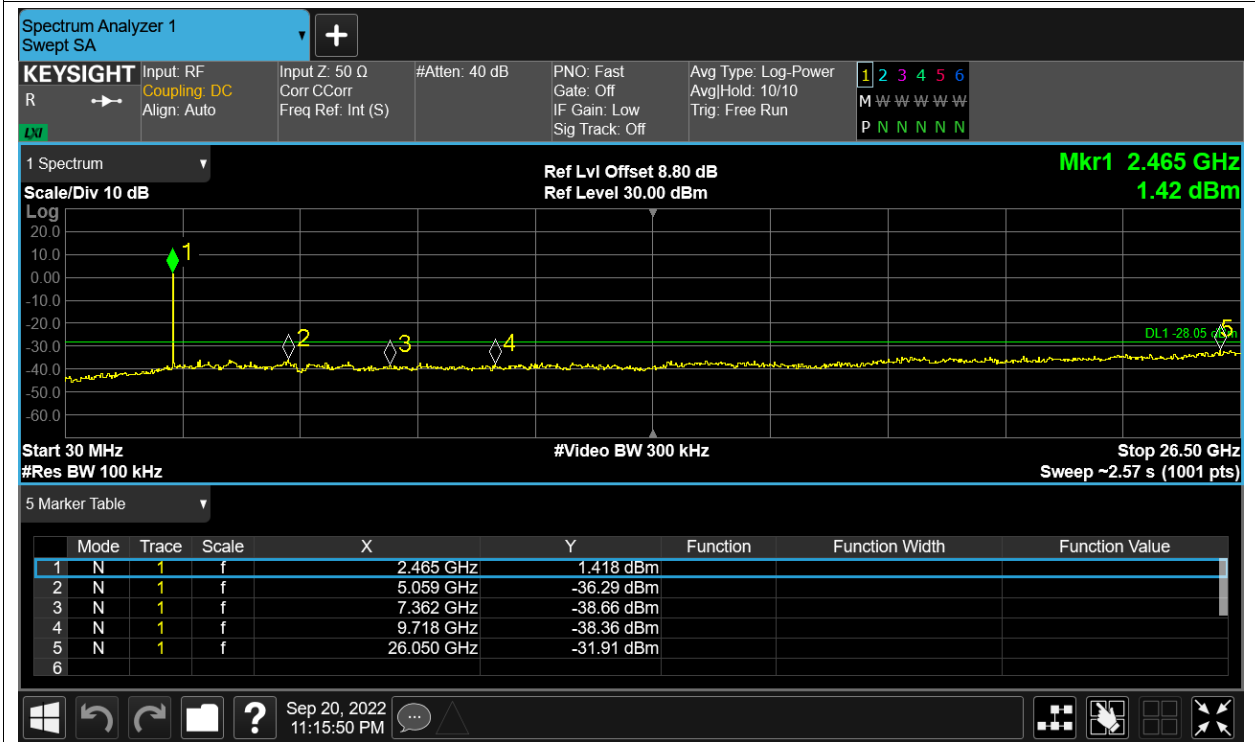
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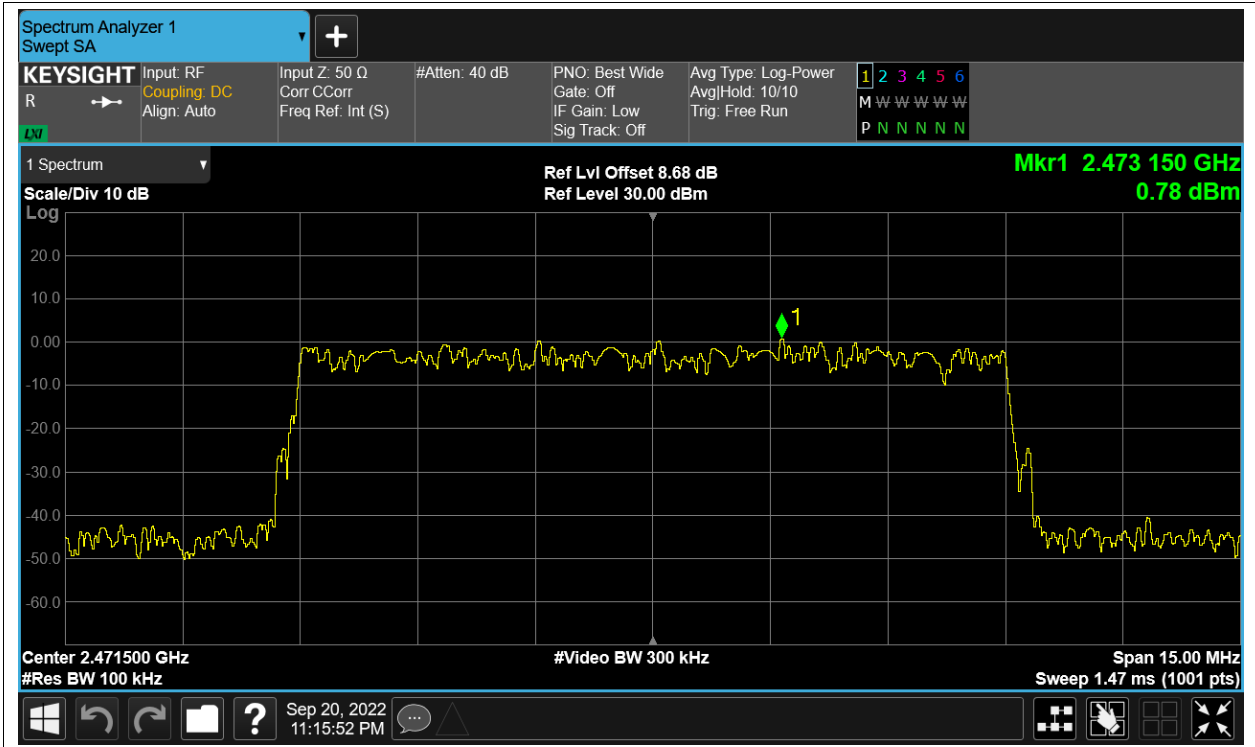
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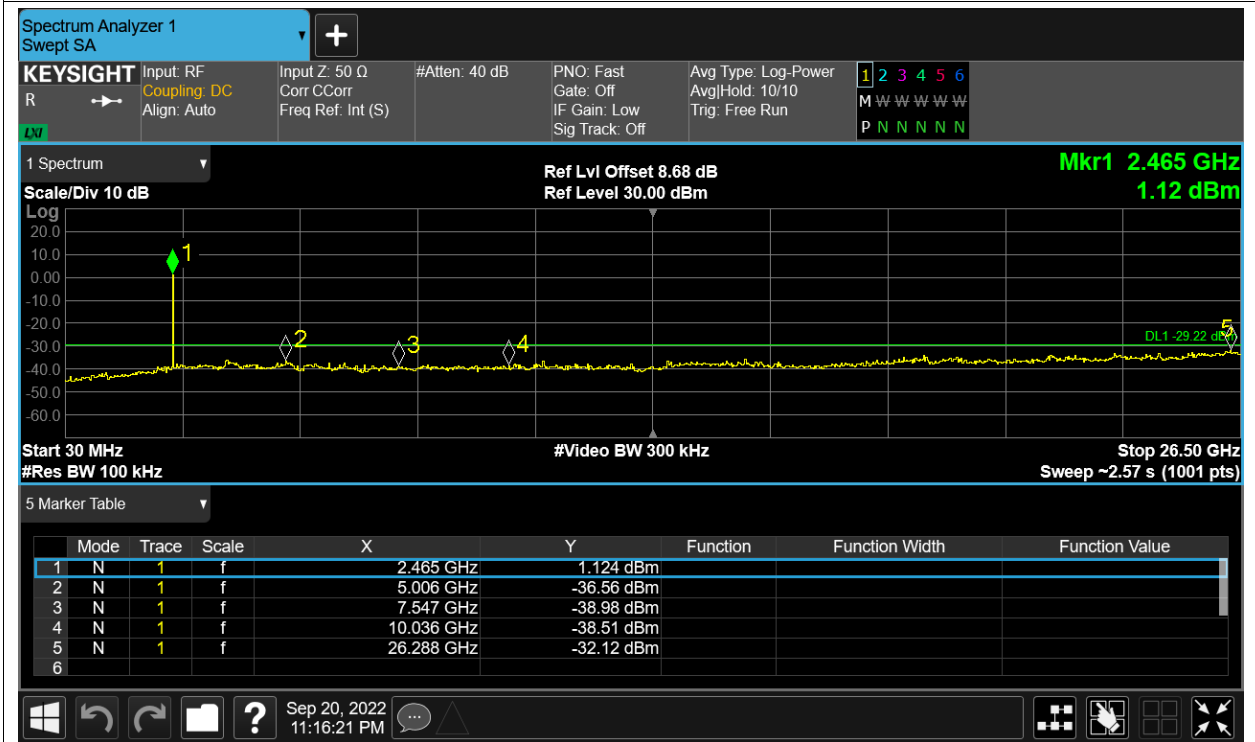
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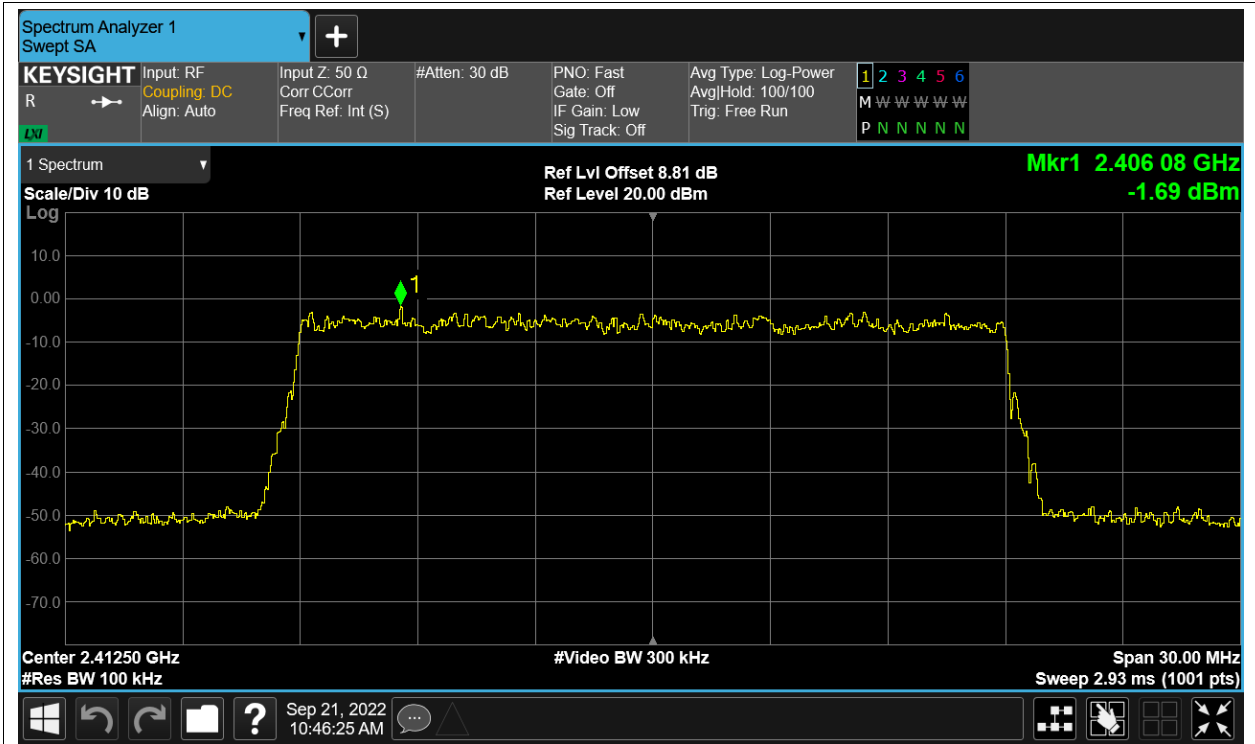
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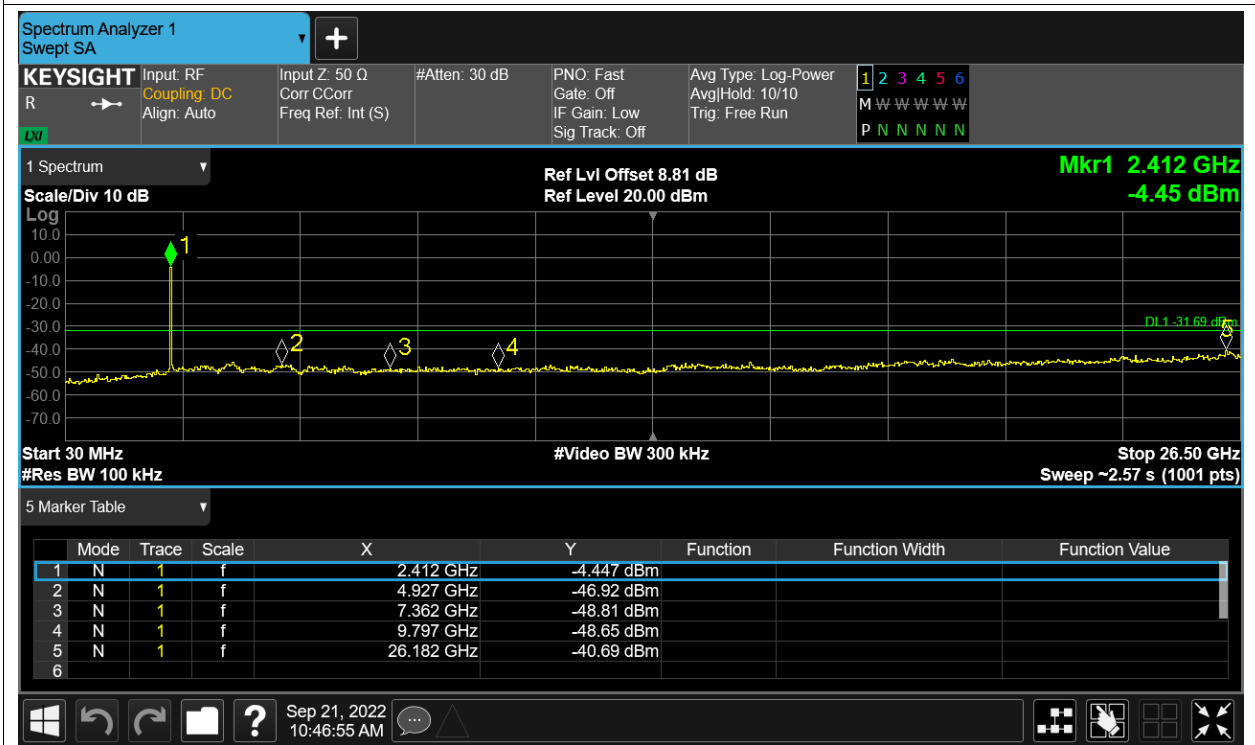
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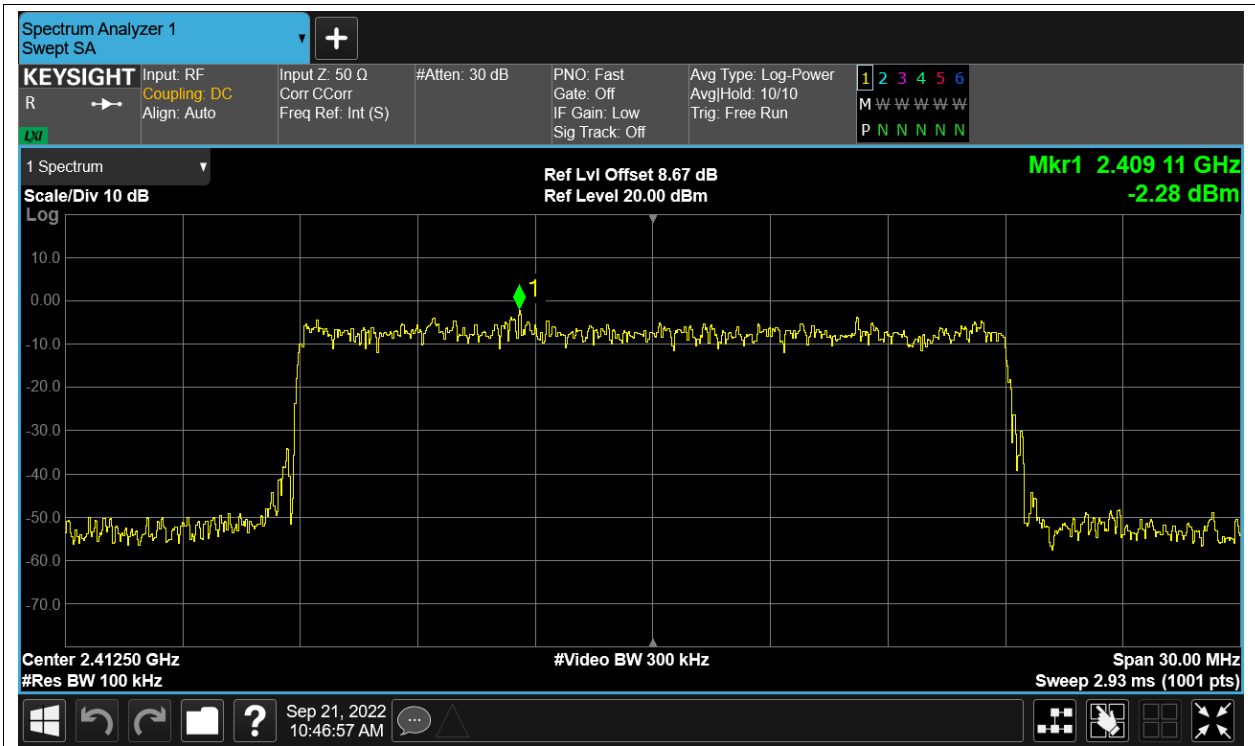
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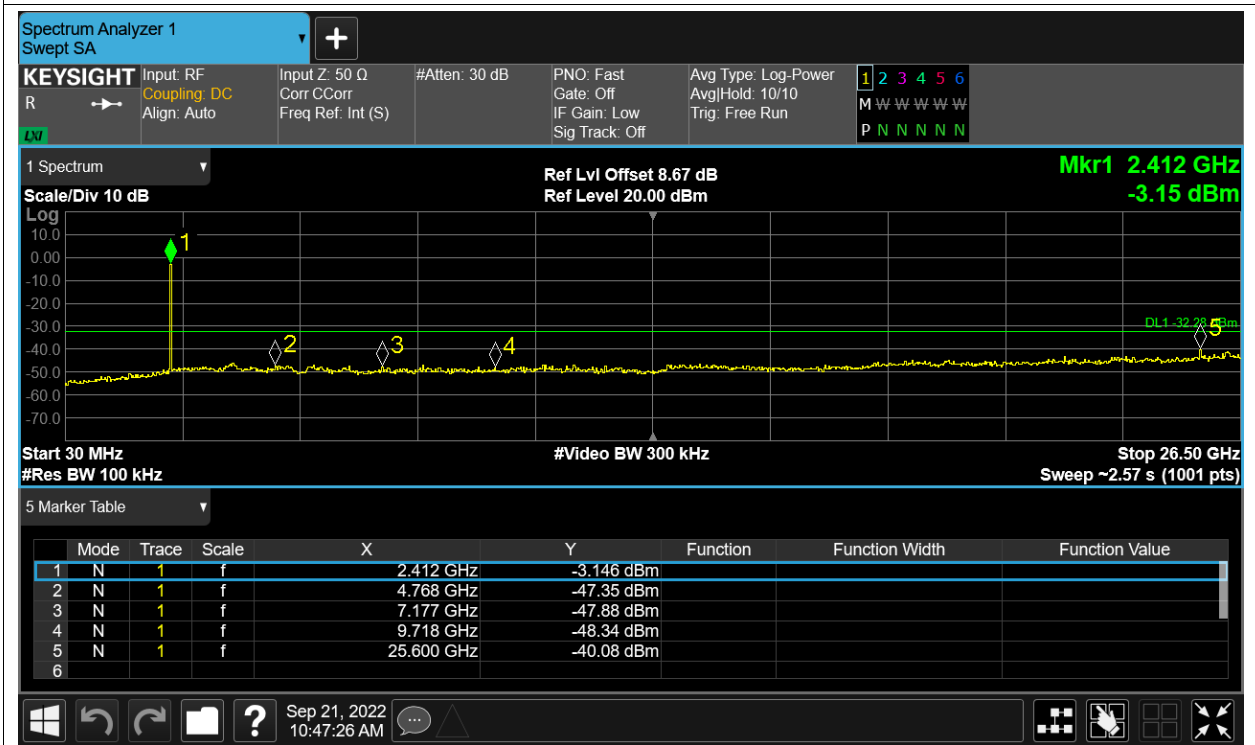
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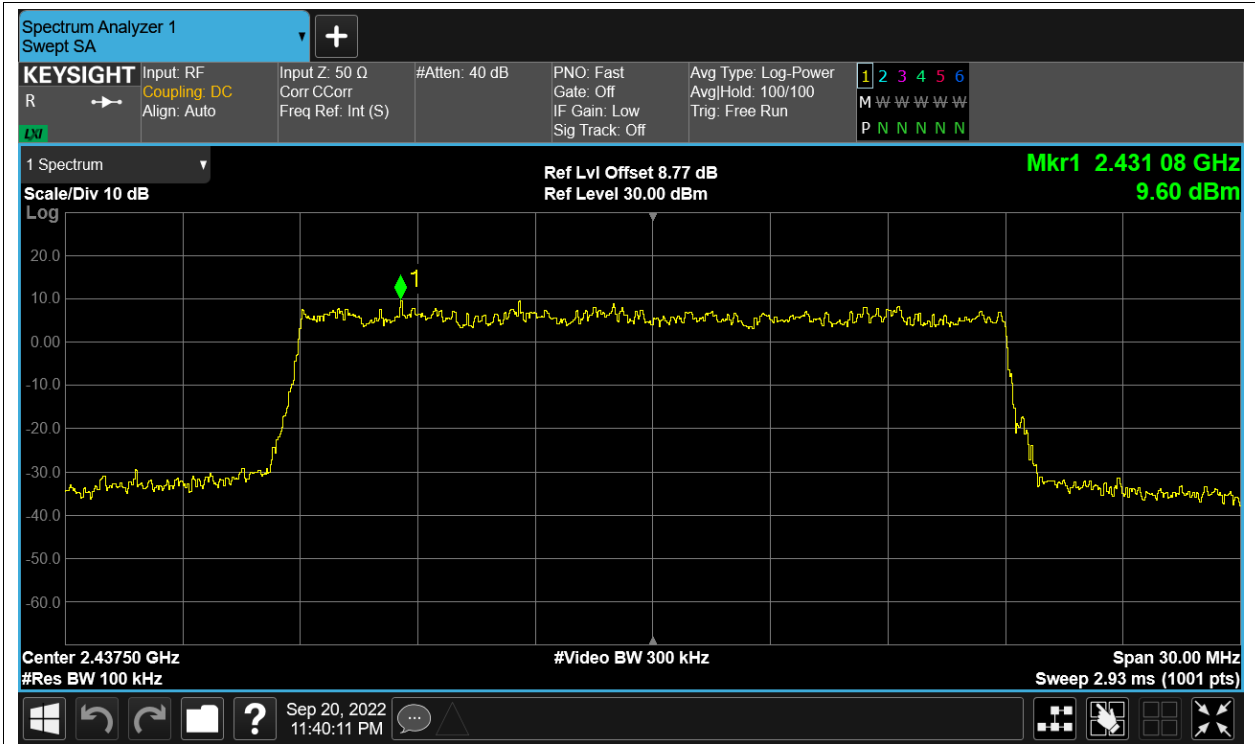
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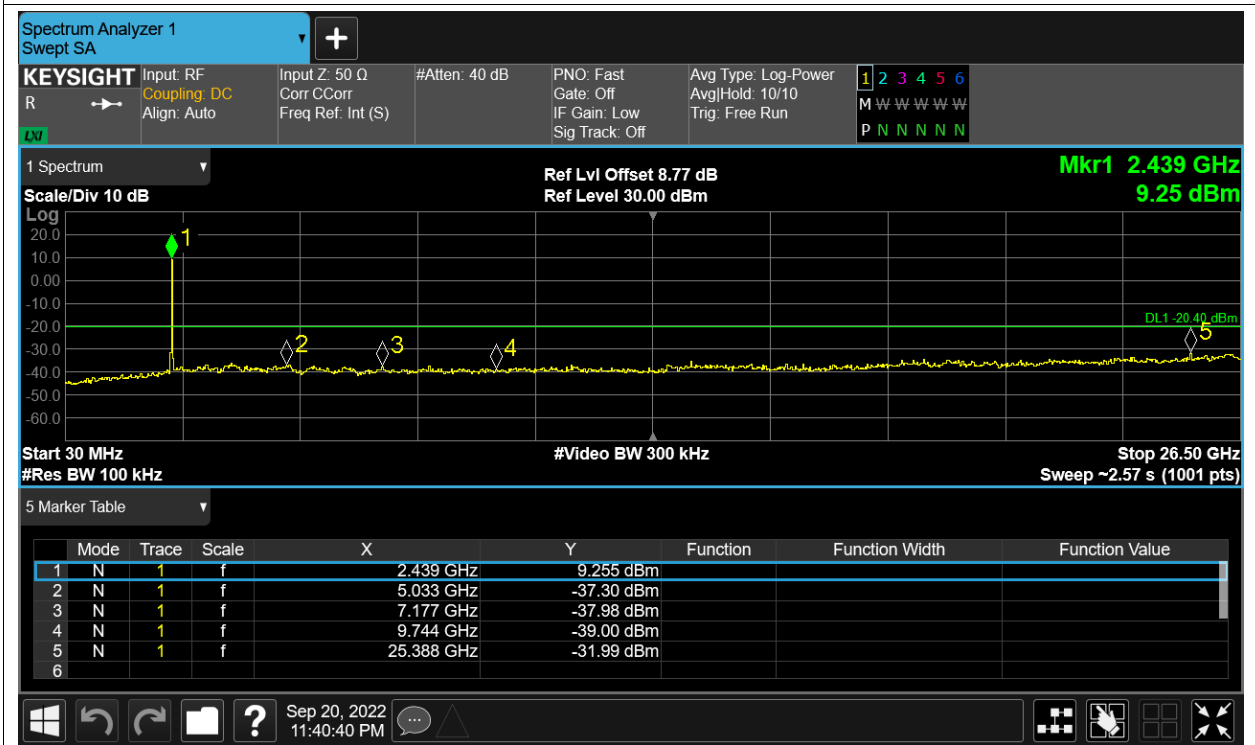
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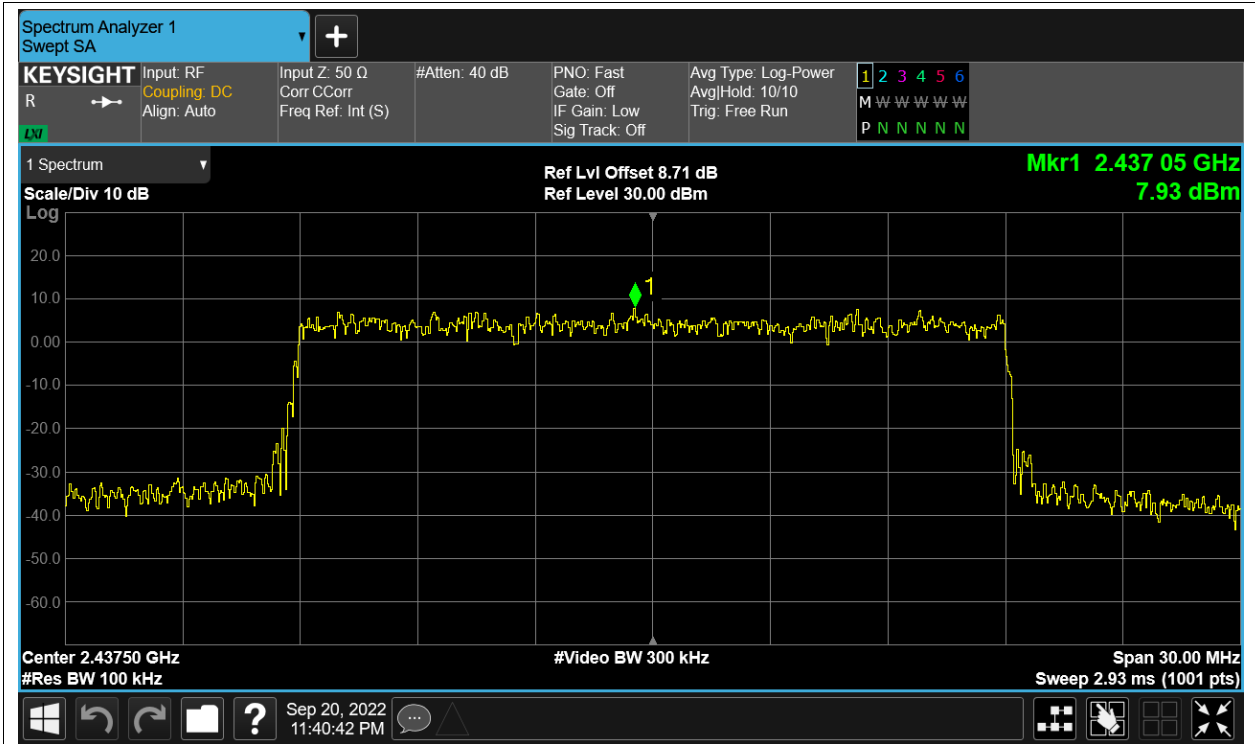
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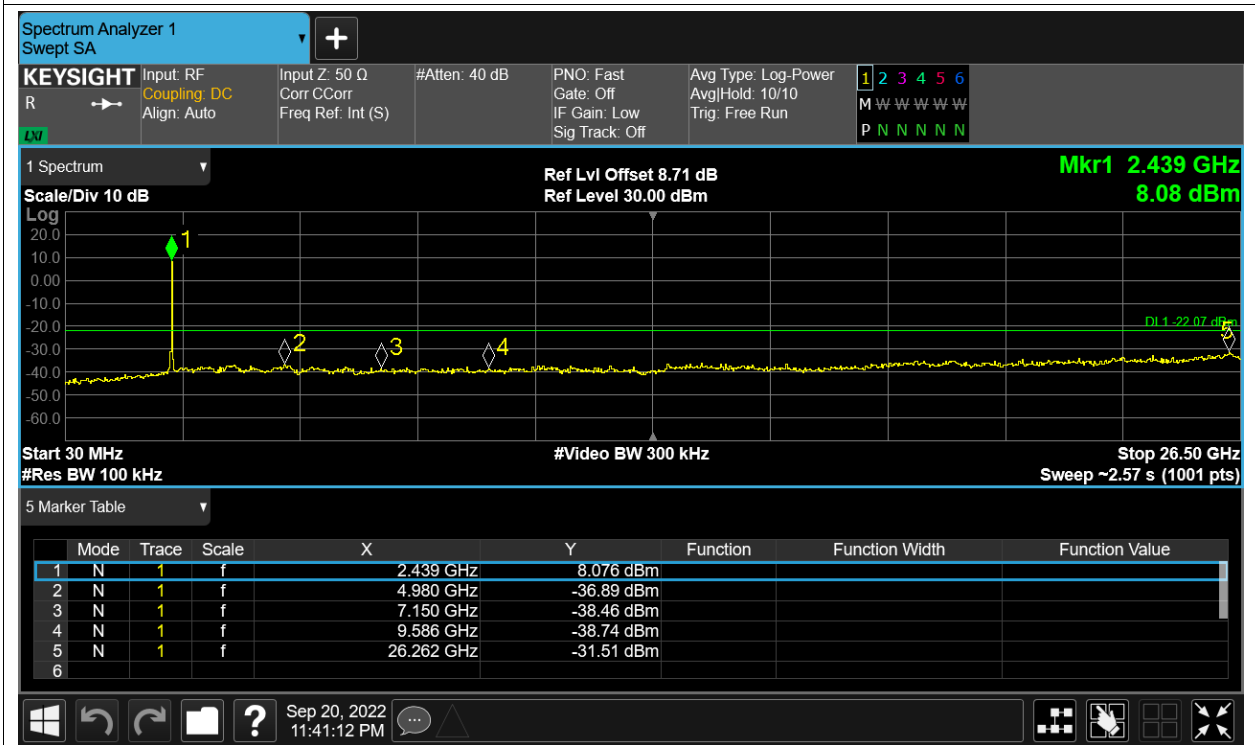
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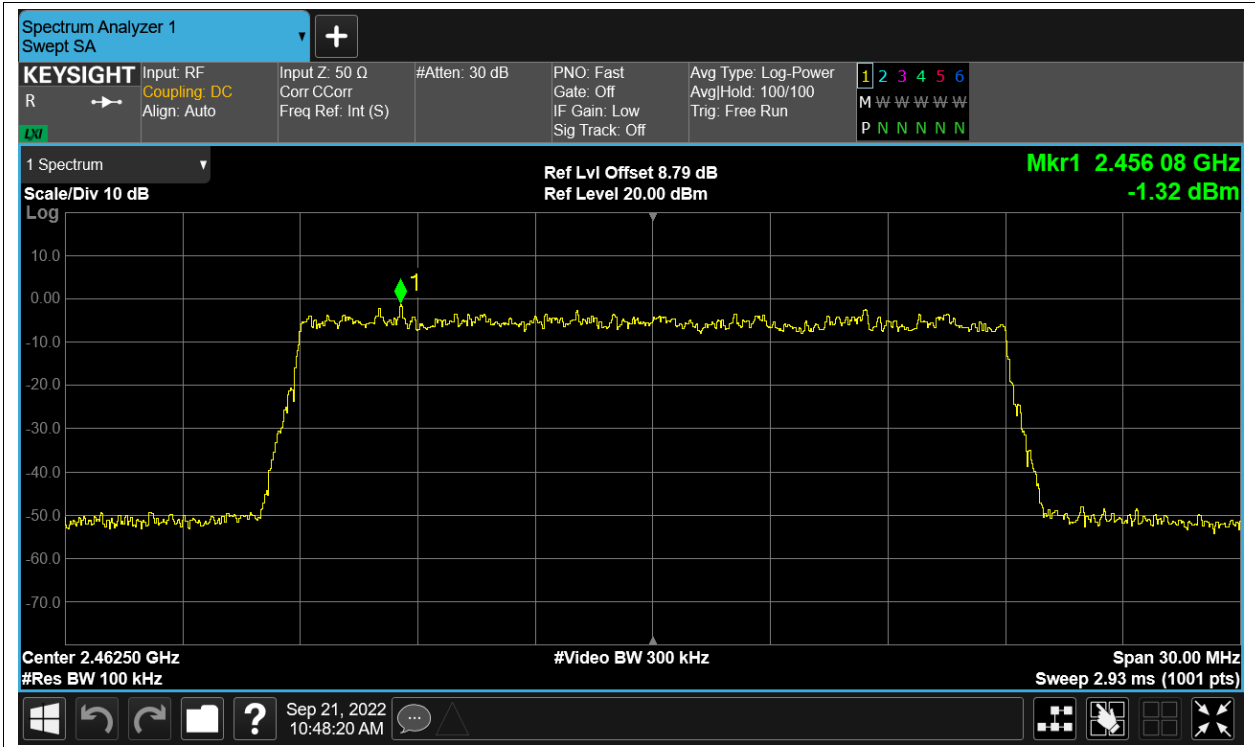
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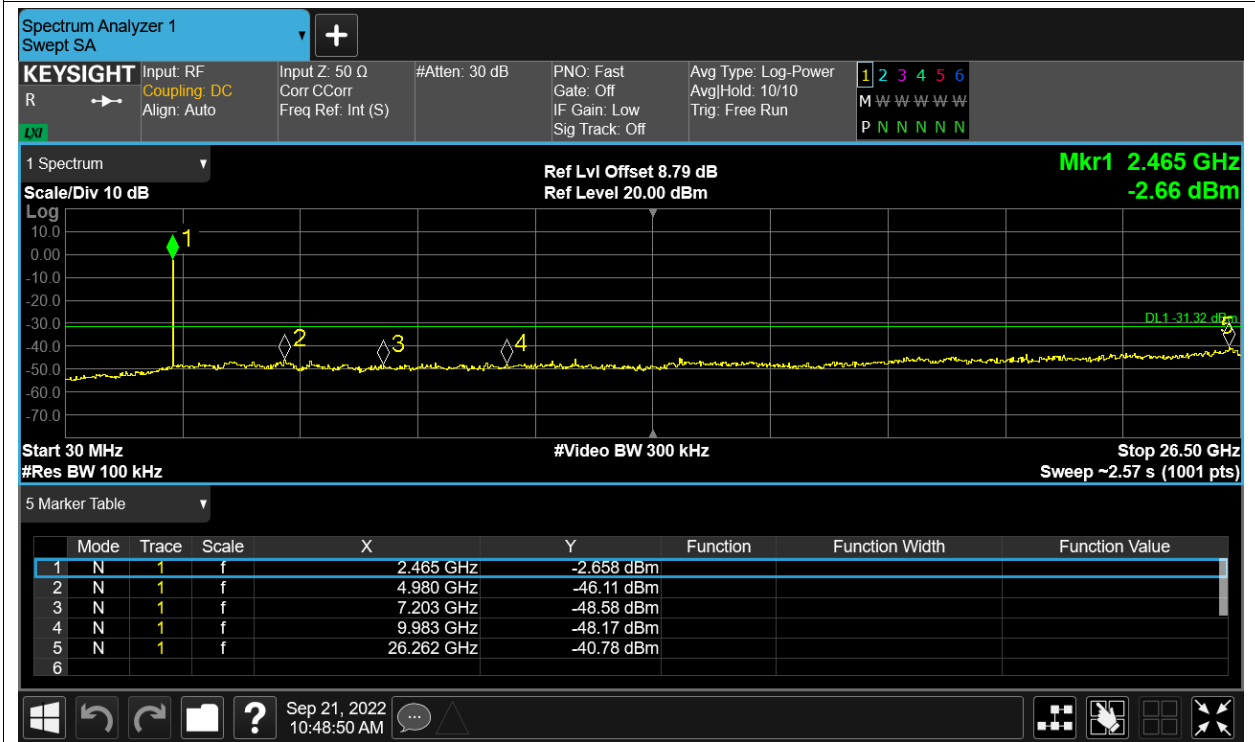
Tx. Spurious NVNT 2.4G-20M-16QAM 2437.5MHz Ant2 Emission



Tx. Spurious NVNT 2.4G-20M-16QAM 2462.5MHz Ant1 Ref

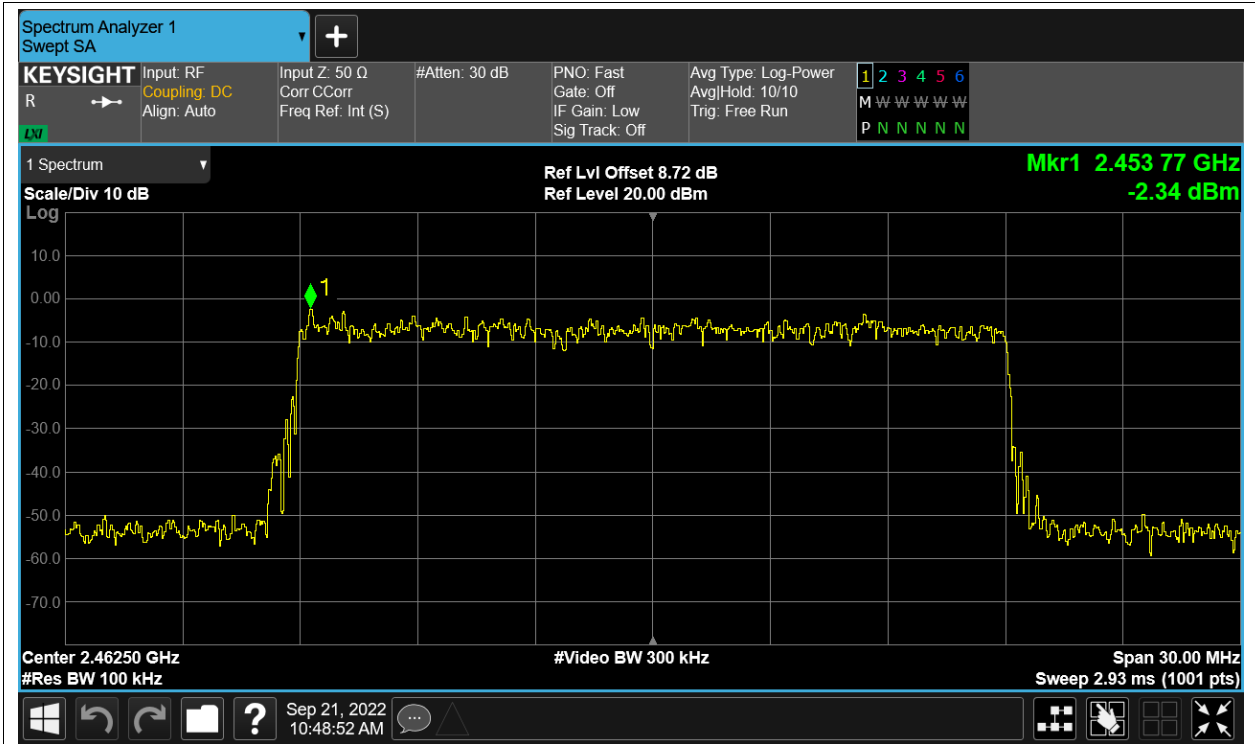


Tx. Spurious NVNT 2.4G-20M-16QAM 2462.5MHz Ant1 Emission

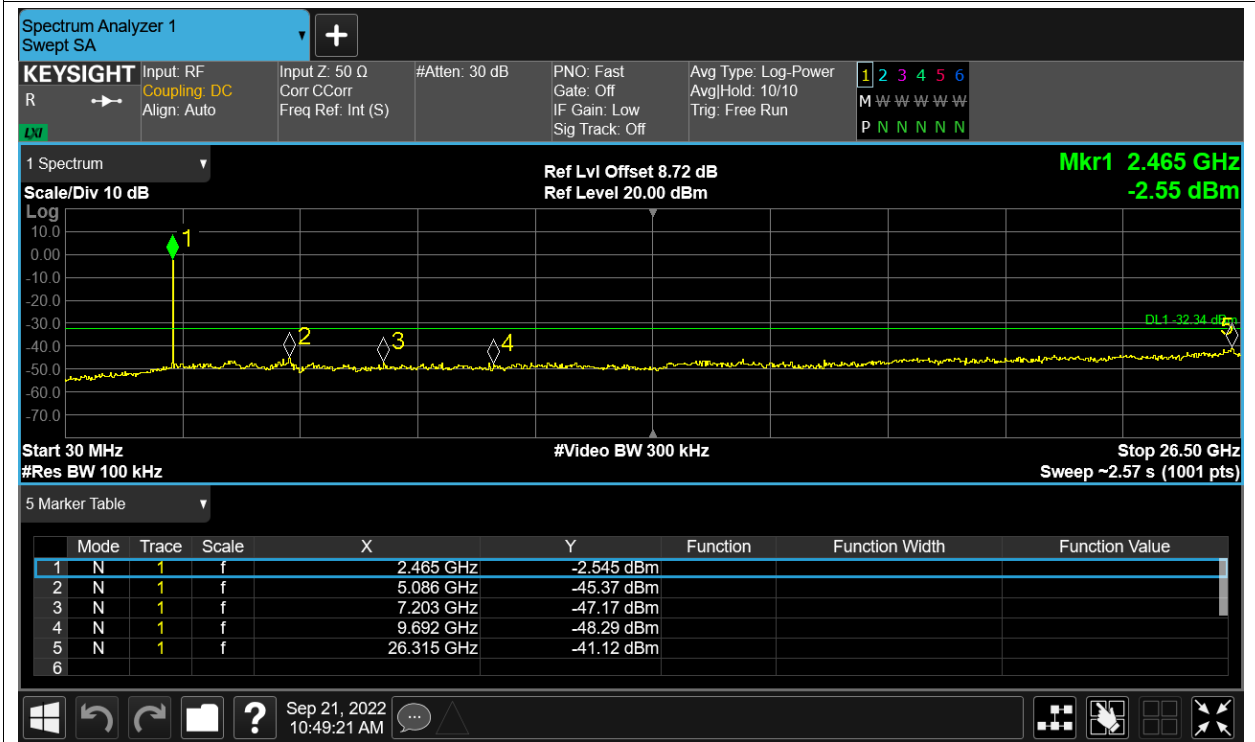


Tx. Spurious NVNT 2.4G-20M-16QAM 2462.5MHz Ant2 Ref

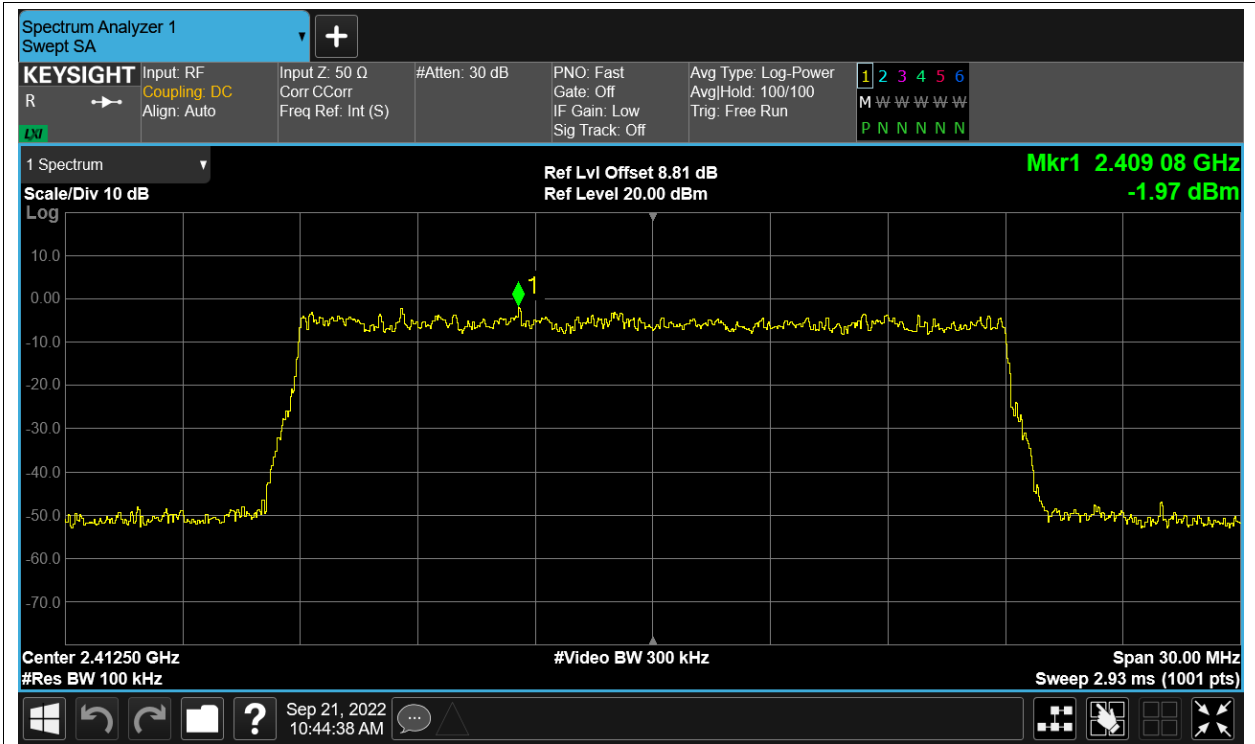




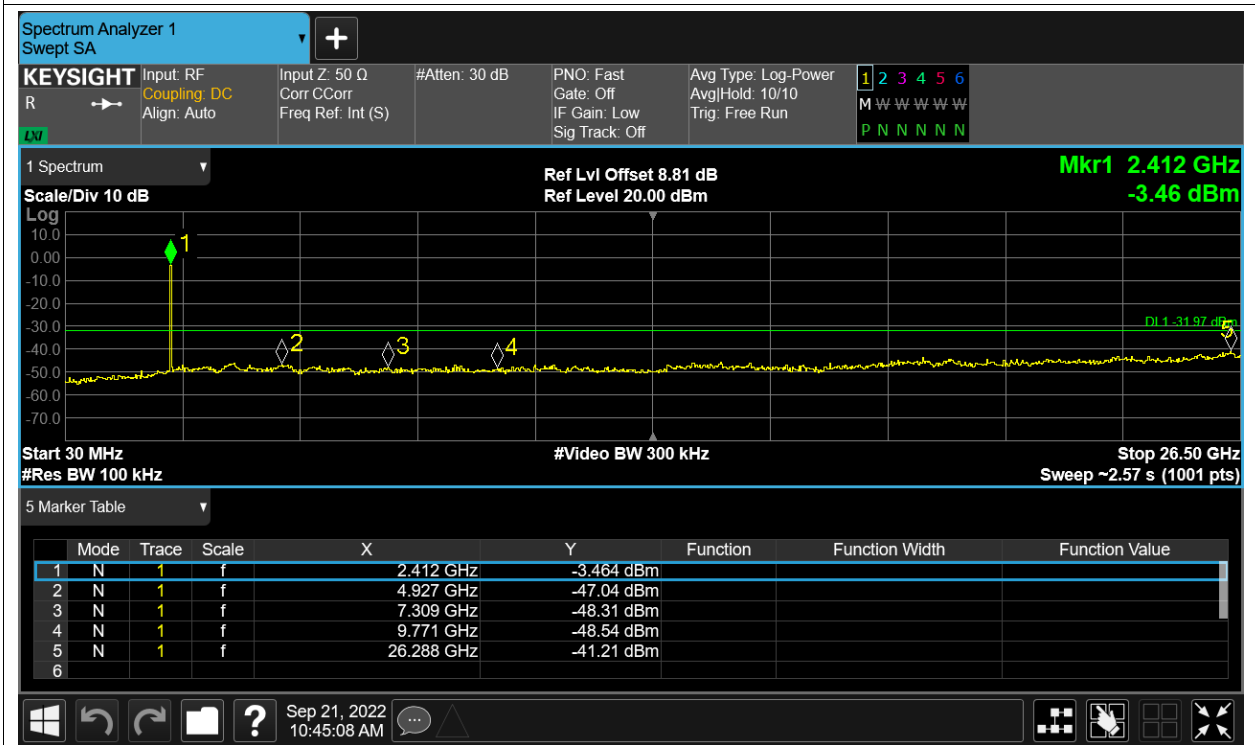
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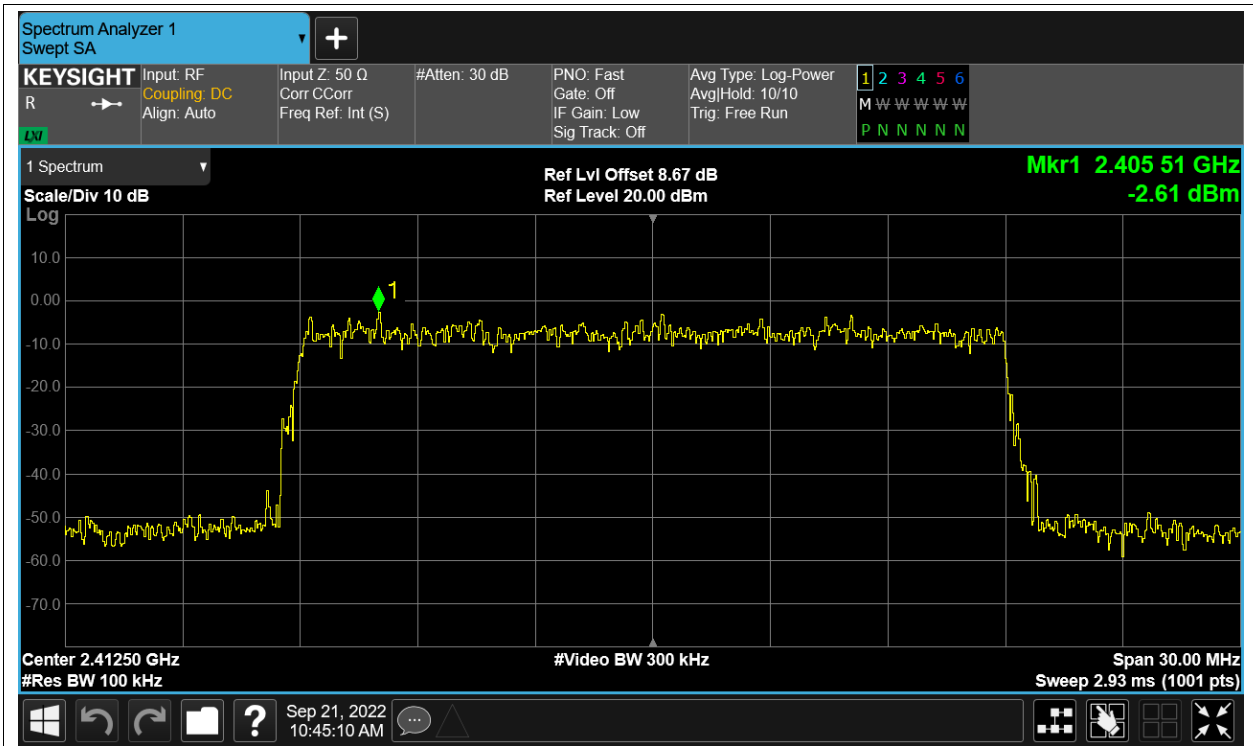
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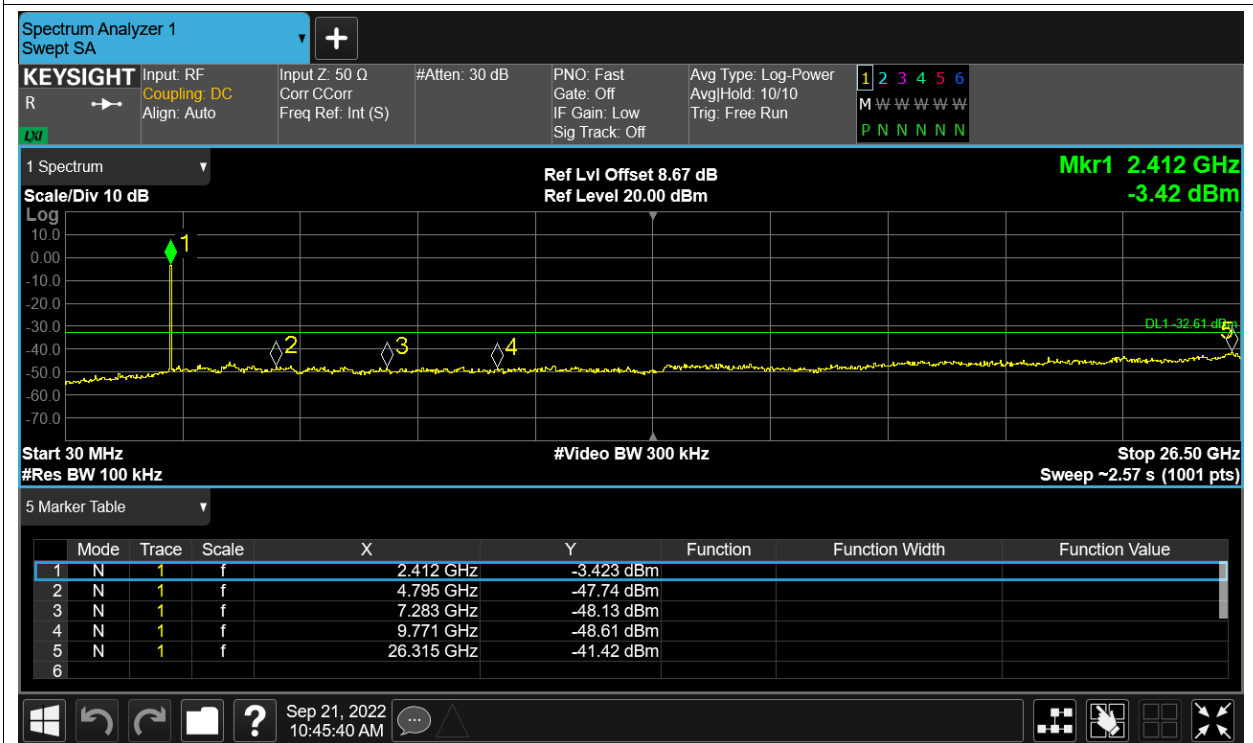
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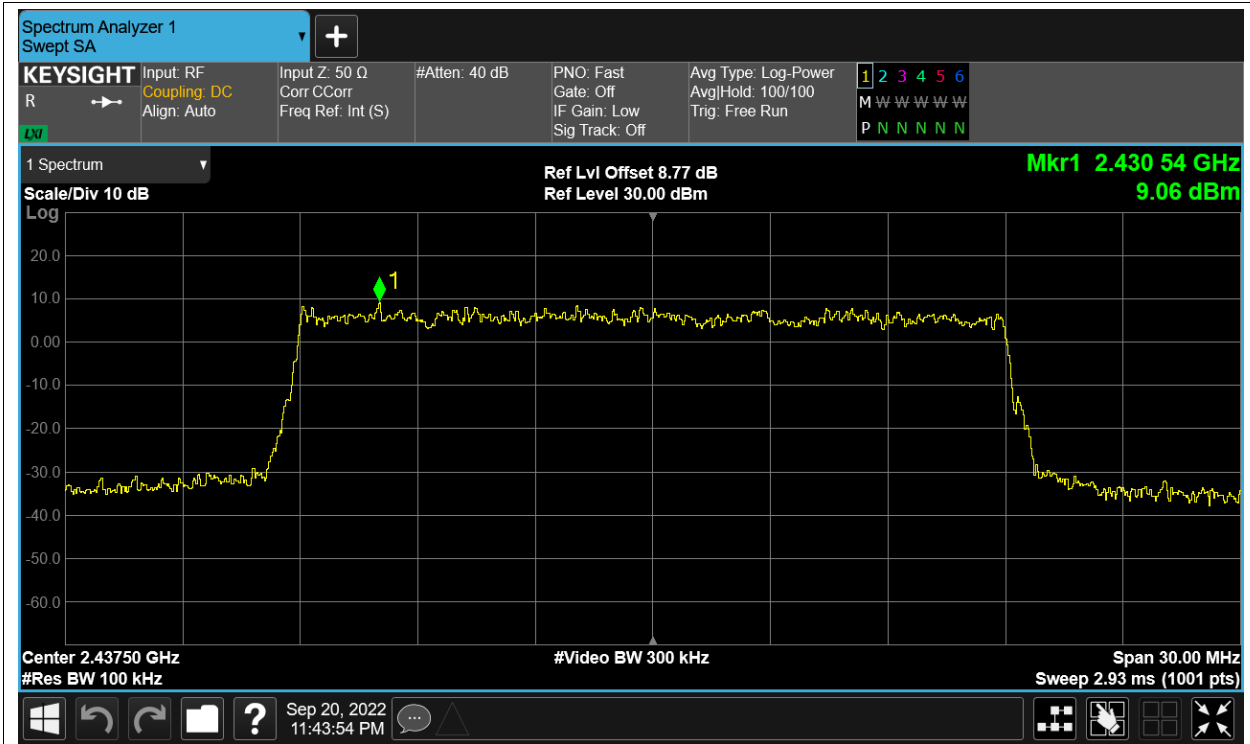
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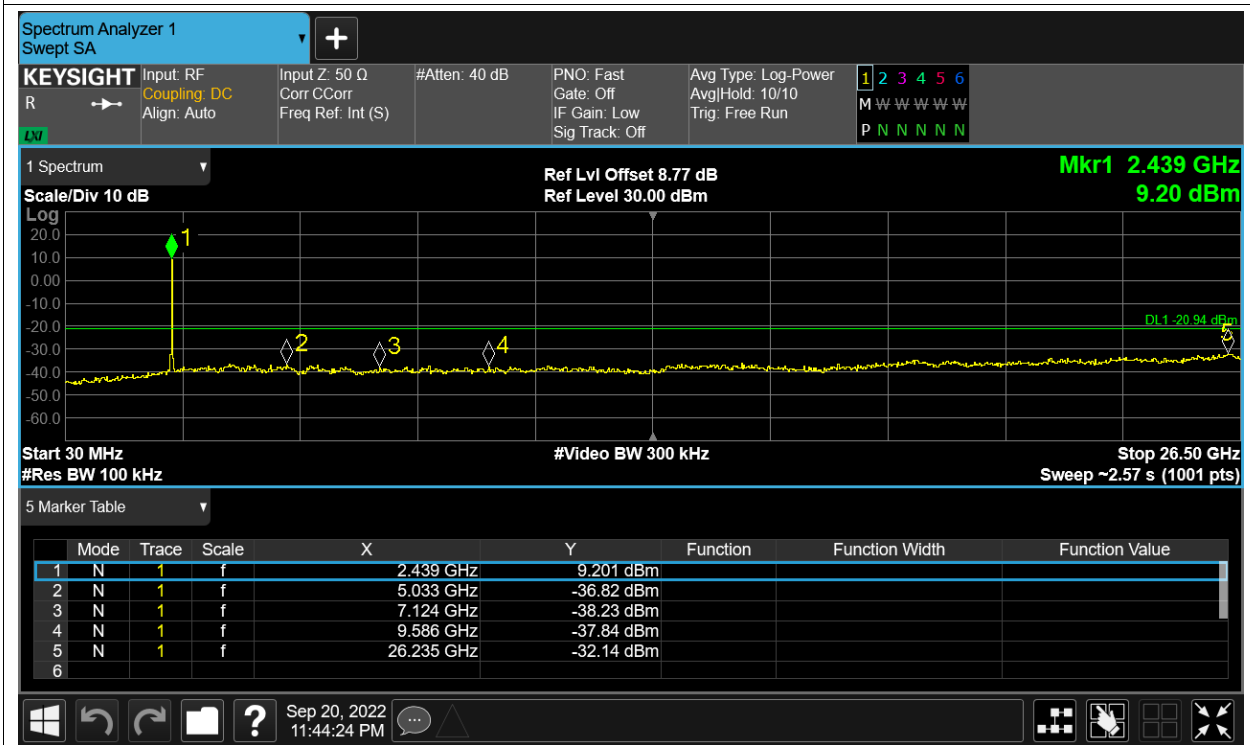
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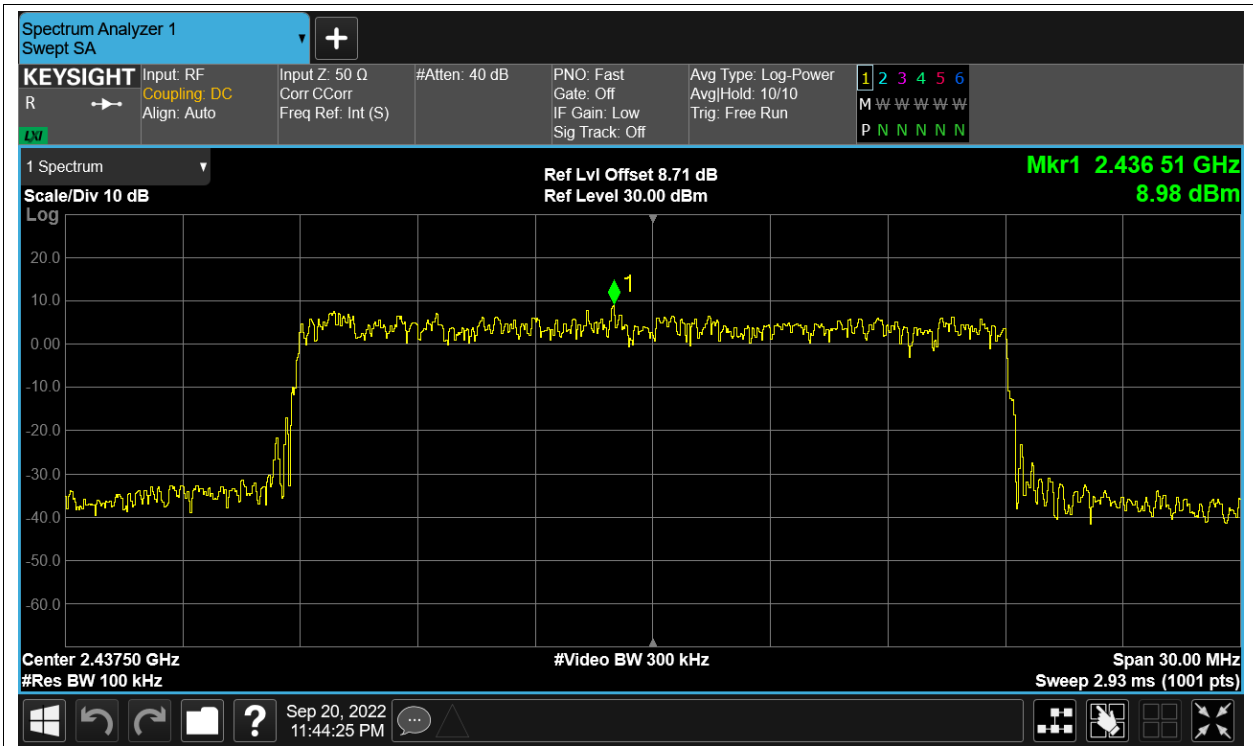
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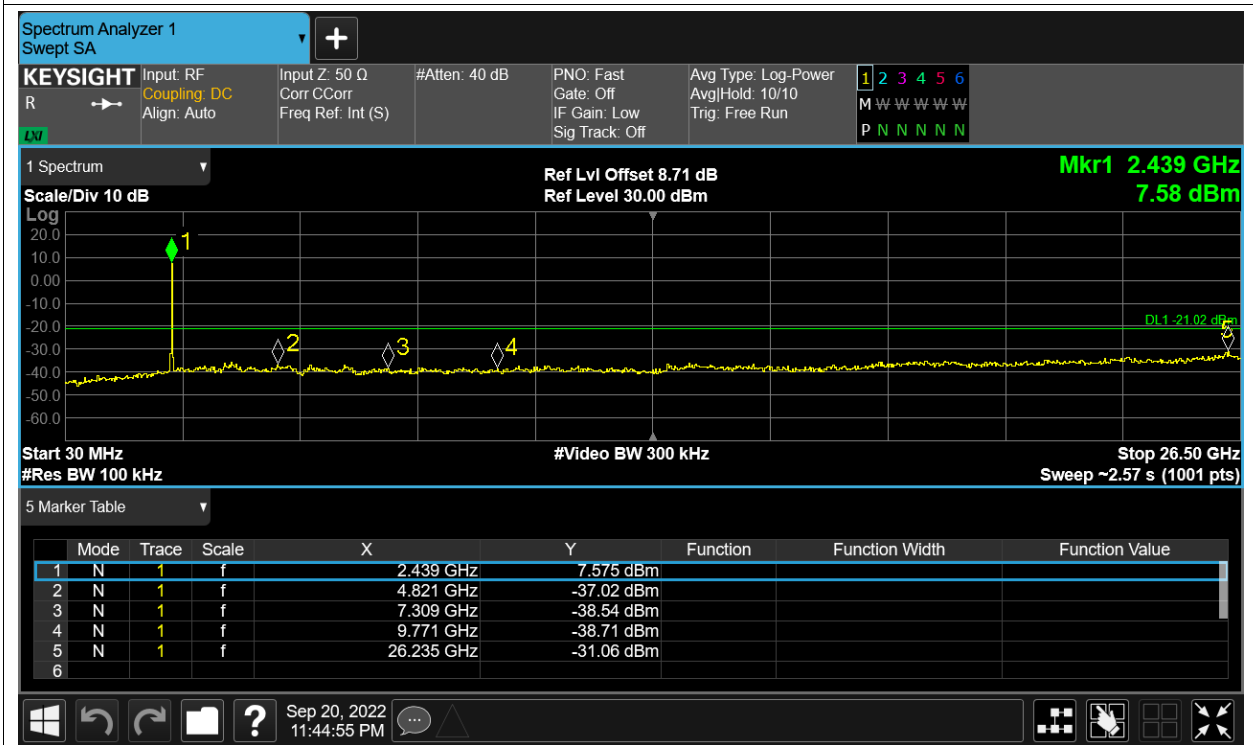
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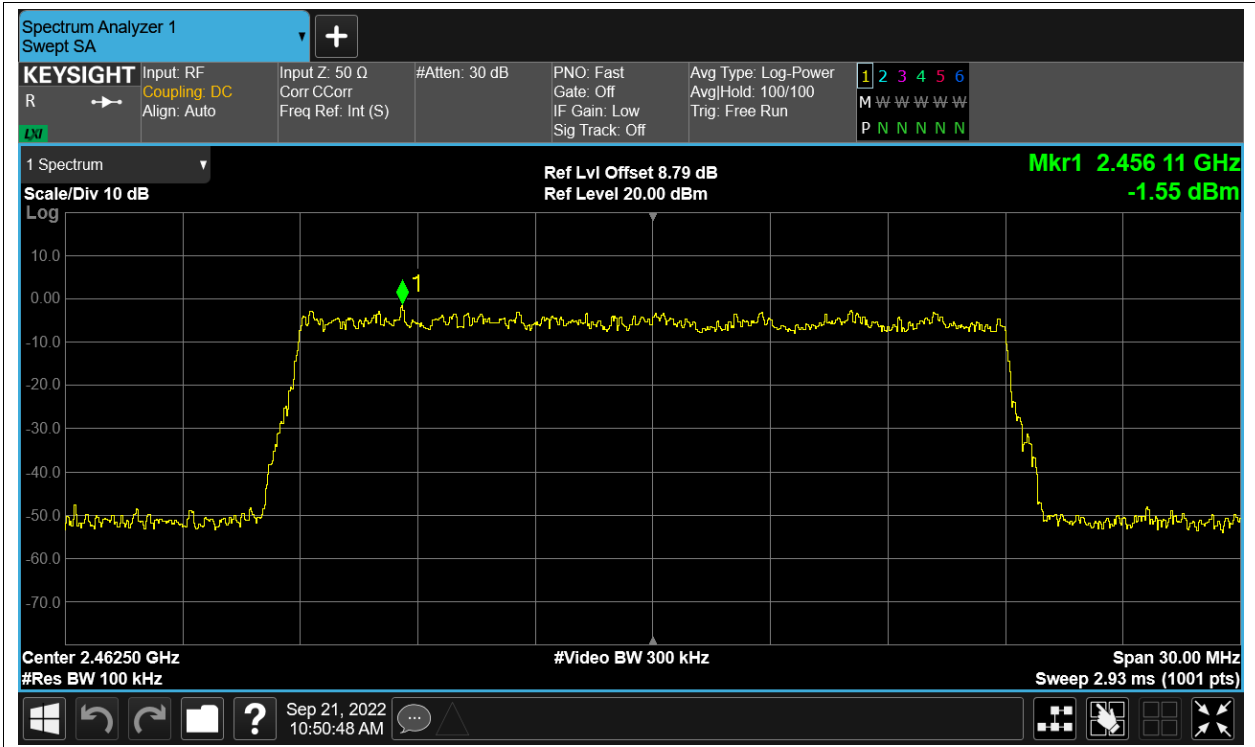
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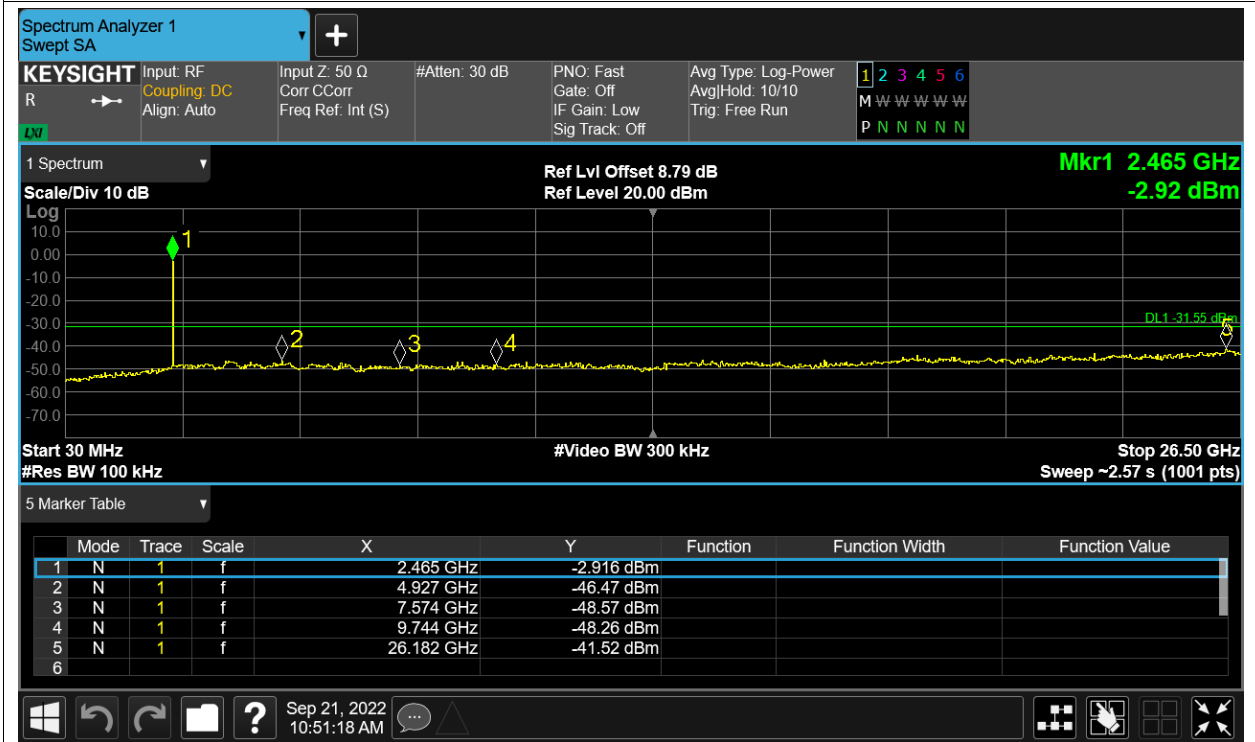
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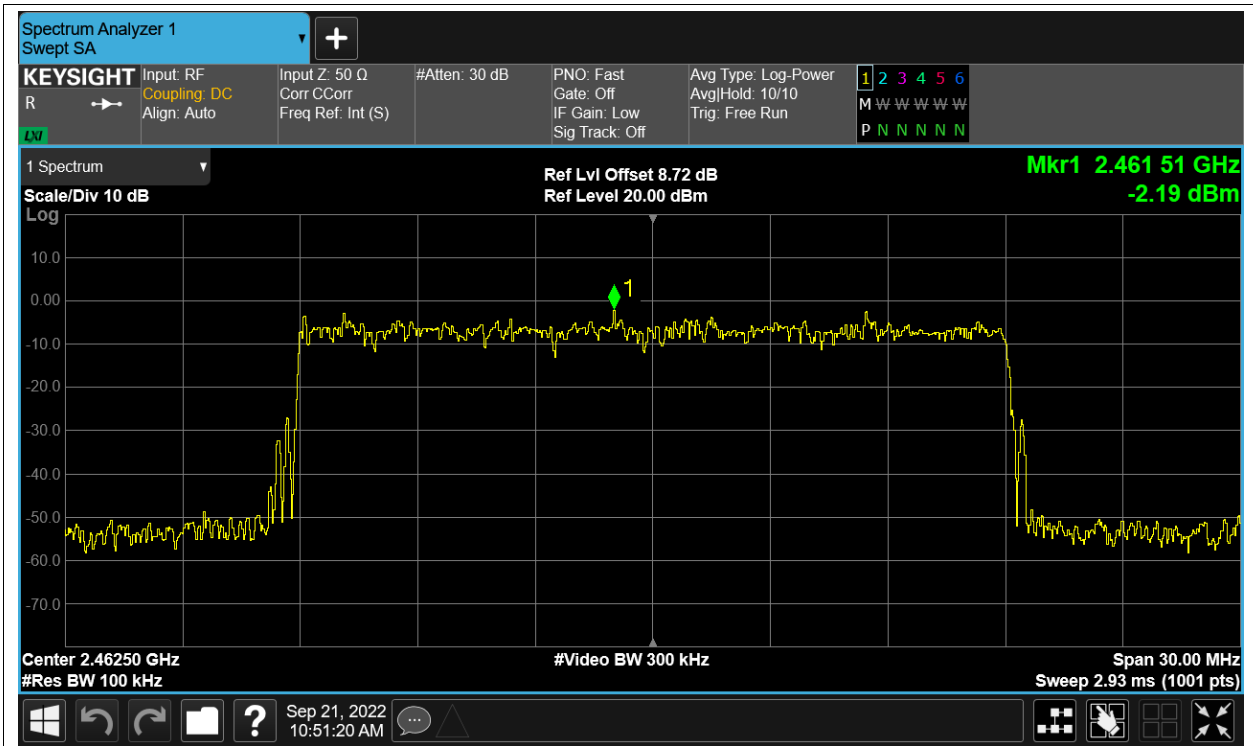
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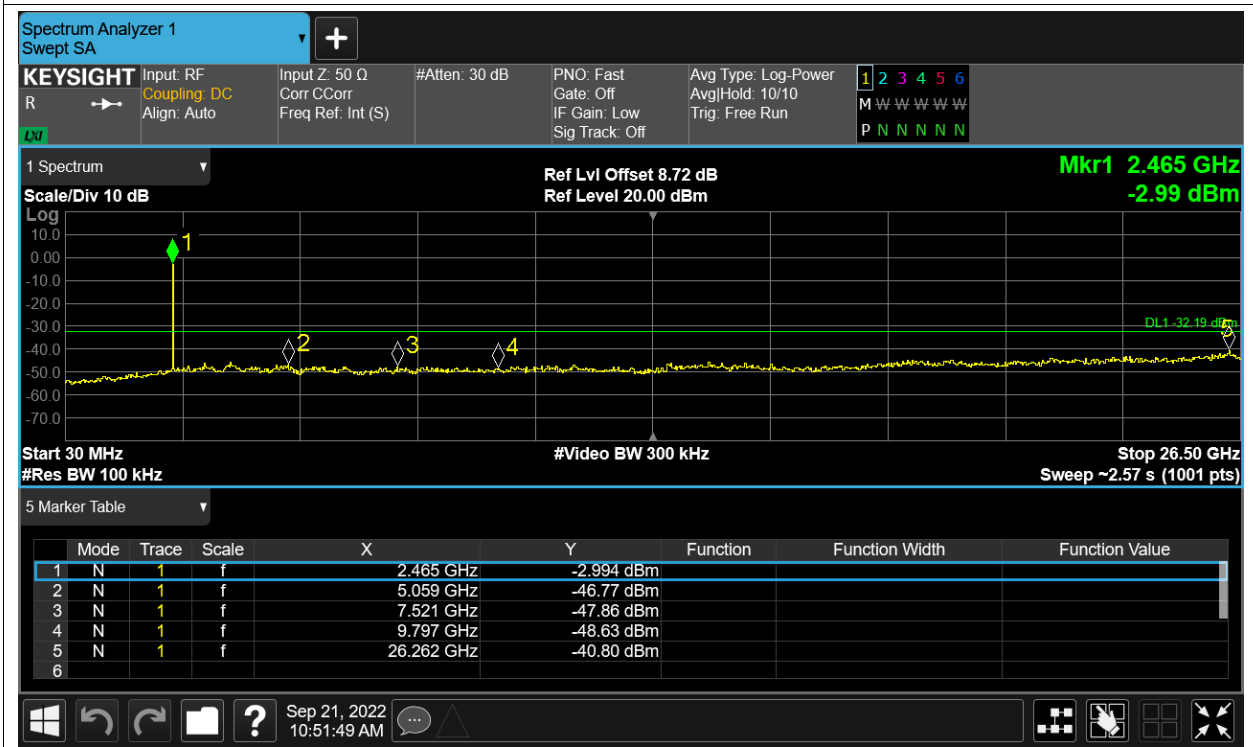
Tx. Spurious NVNT 2.4G-20M-QPSK 2462.5MHz Ant1 Emission



Tx. Spurious NVNT 2.4G-20M-QPSK 2462.5MHz Ant2 Ref



Tx. Spurious NVNT 2.4G-20M-QPSK 2462.5MHz Ant2 Emission



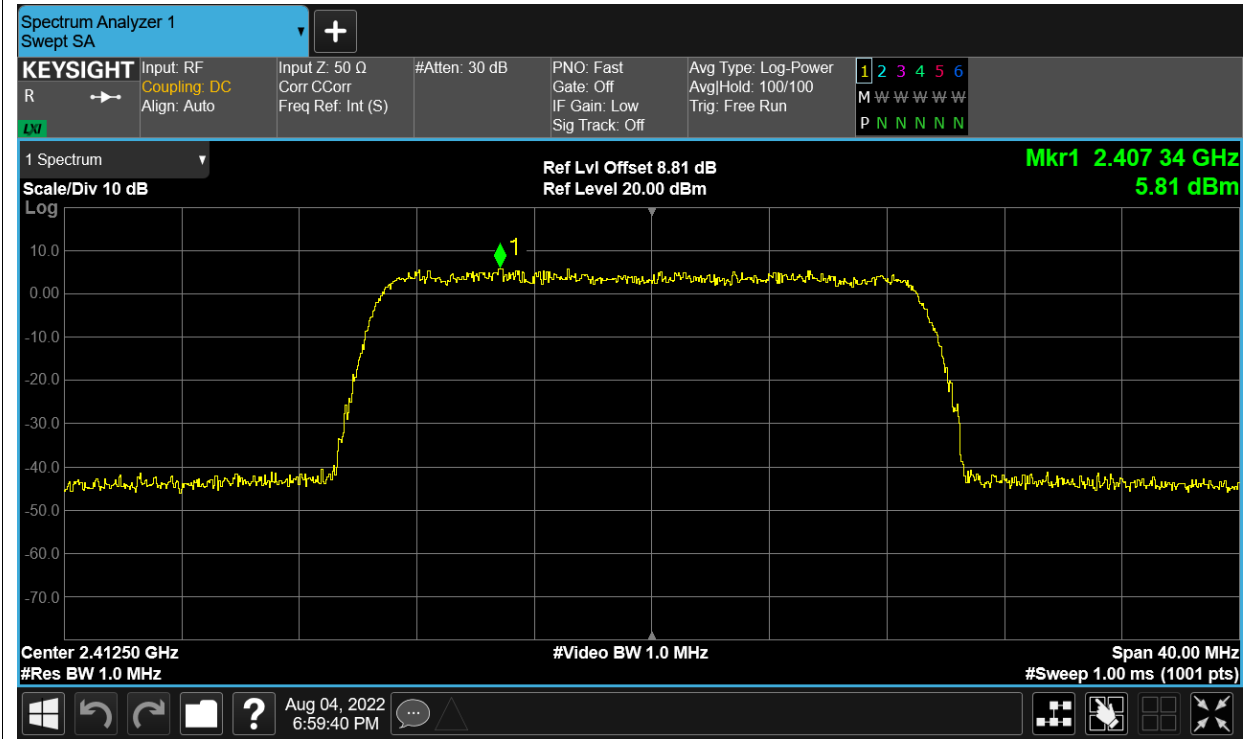
## Antenna and EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Spread Bandwidth (MHz)	Power (dBm/MHz)	Antenna Power (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Lower Limit (%)	Verdic
NVNT	2.4G-20M-16QAM	2412.5	Ant1	-	-	5.81	3.81	-	-	-	-	-
NVNT	2.4G-20M-16QAM	2412.5	Ant2	-	-	6.4	4.37	-	-	-	-	-
NVNT	2.4G-20M-16QAM	2412.5	Sum	-	-	-	8.18	10	-18.2	20	-80	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant1	-	-	6.13	4.11	-	-	-	-	-
NVNT	2.4G-20M-QPSK	2412.5	Ant2	-	-	6.63	4.6	-	-	-	-	-
NVNT	2.4G-20M-QPSK	2412.5	Sum	-	-	-	8.71	10	-12.9	20	-80	Pass

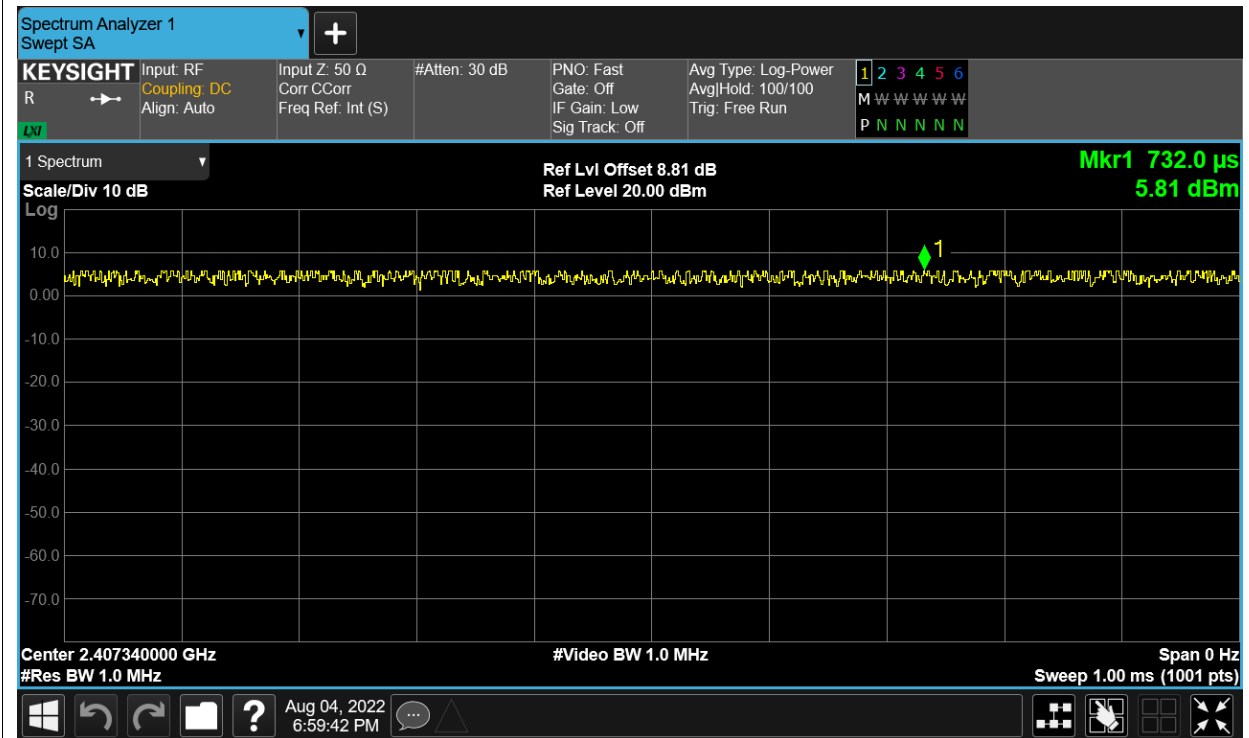


Test Graphs

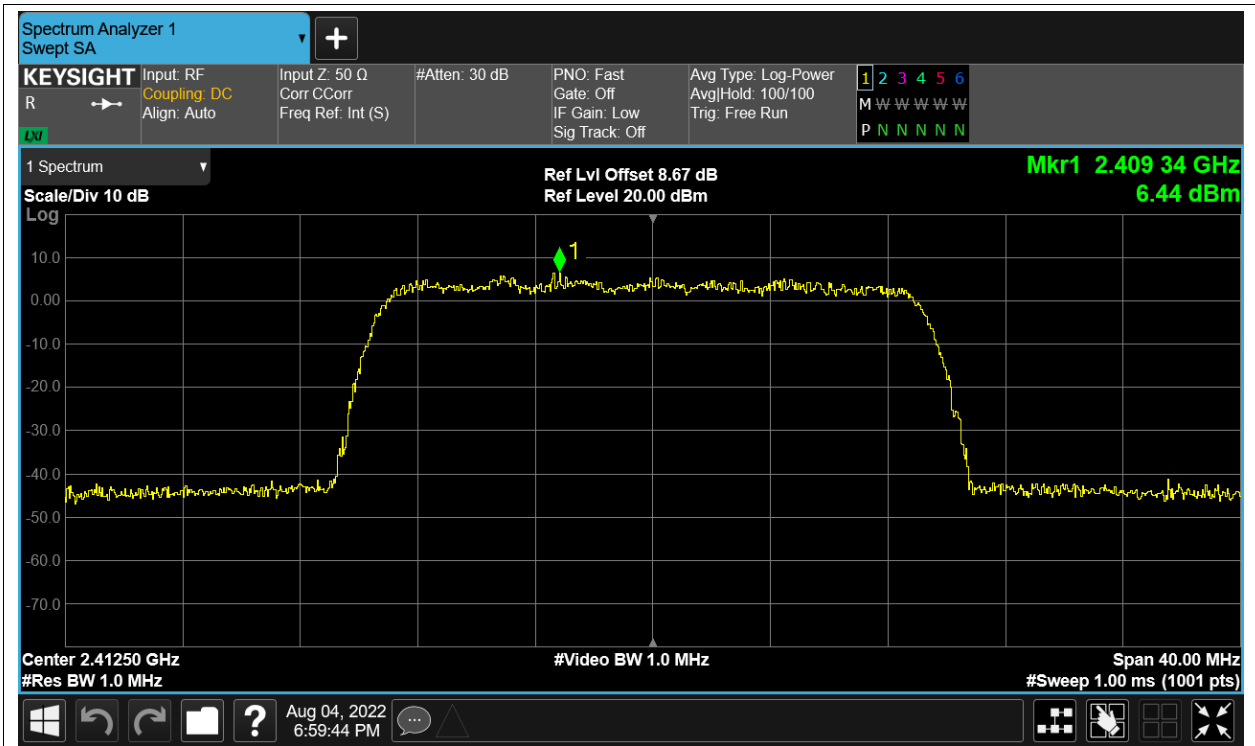
Power NVNT 2.4G-20M-16QAM 2412.5MHz Ant1 Pre Scan



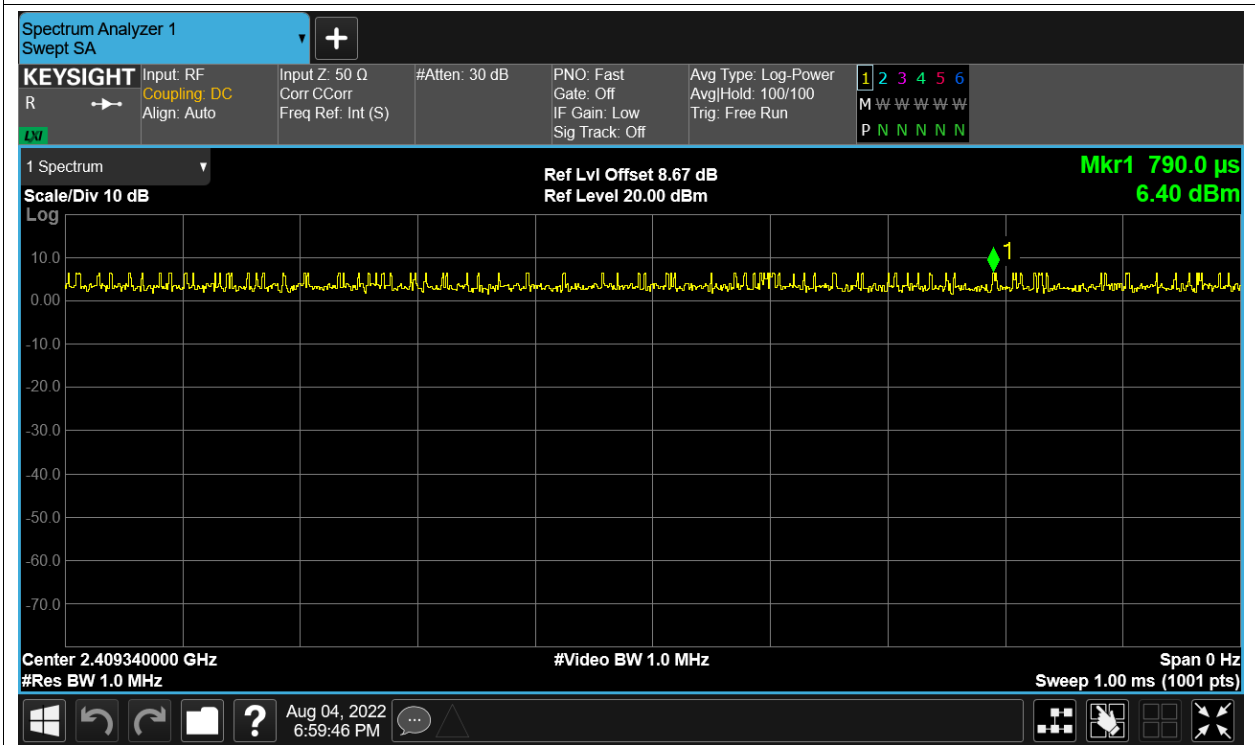
Power NVNT 2.4G-20M-16QAM 2412.5MHz Ant1 Zero Span



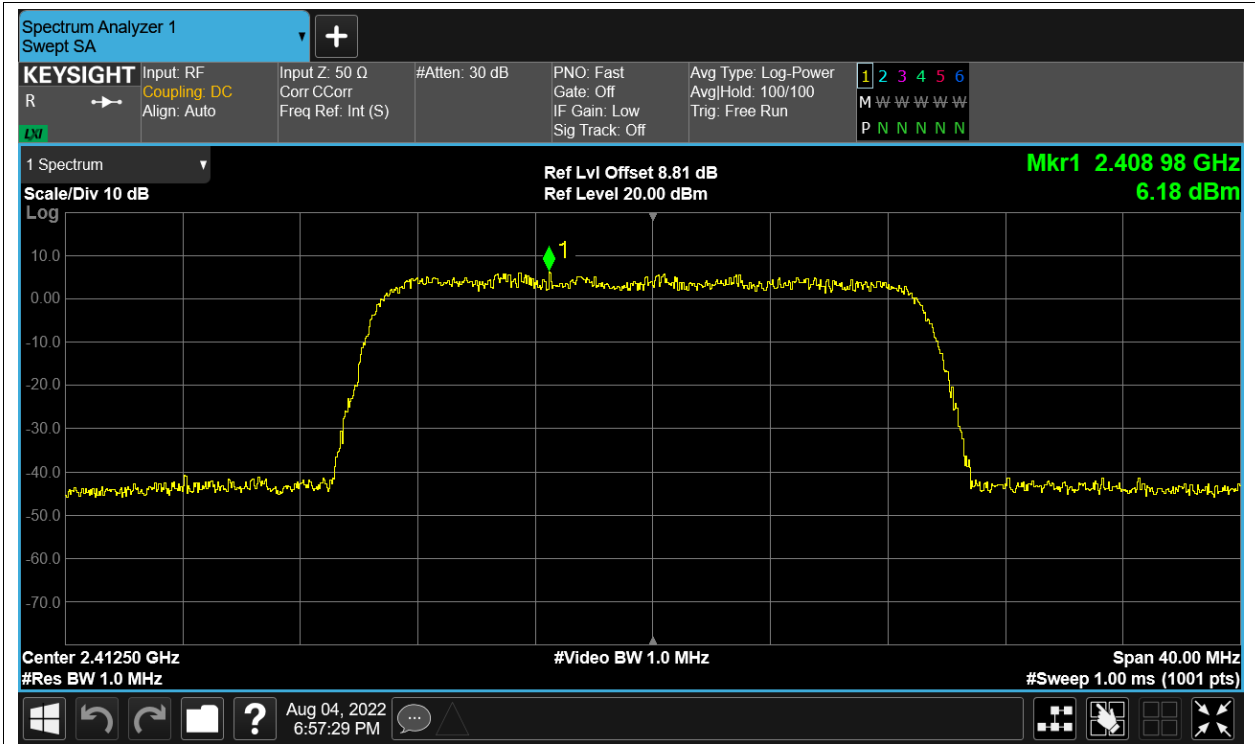
Power NVNT 2.4G-20M-16QAM 2412.5MHz Ant2 Pre Scan



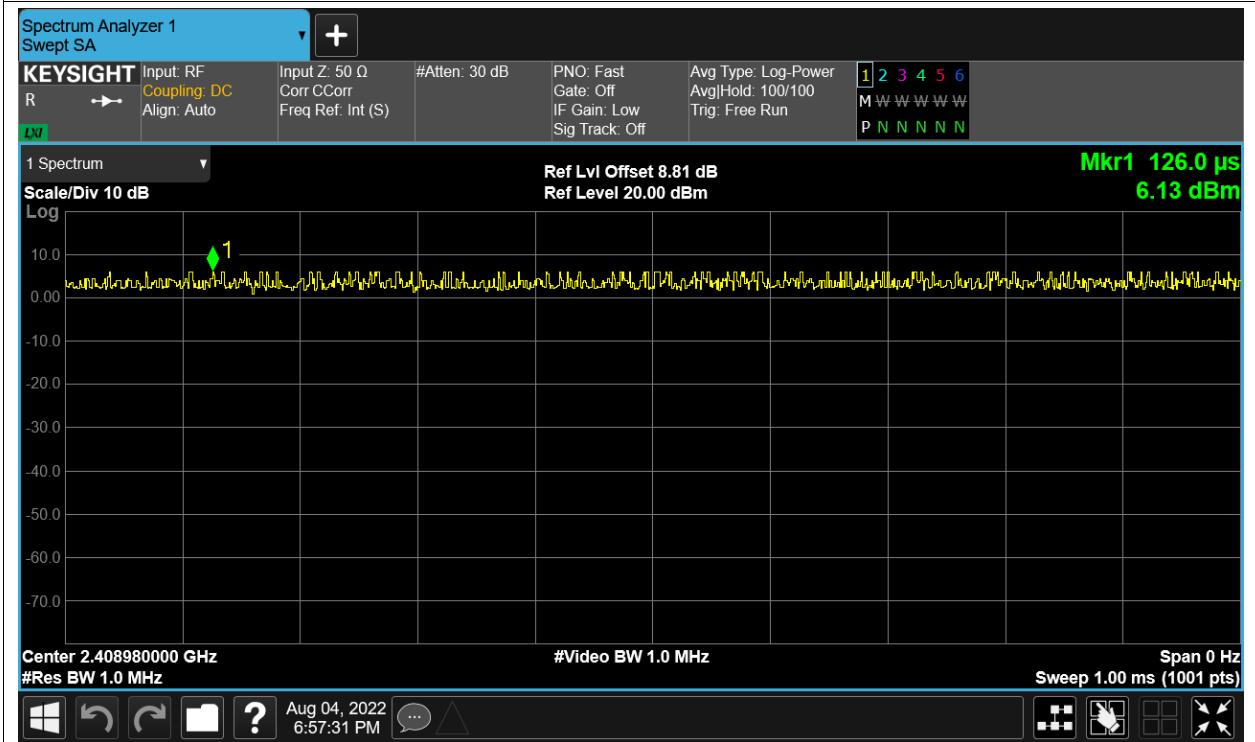
Power NVNT 2.4G-20M-16QAM 2412.5MHz Ant2 Zero Span



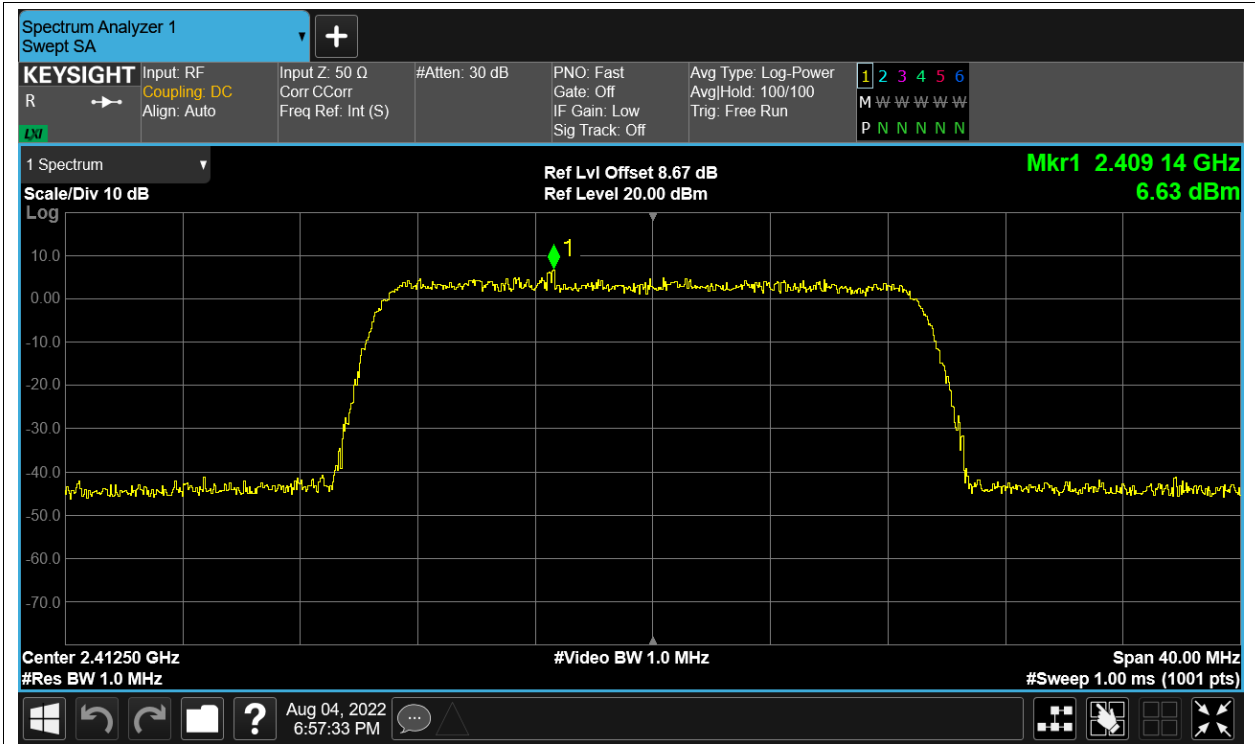
Power NVNT 2.4G-20M-QPSK 2412.5MHz Ant1 Pre Scan



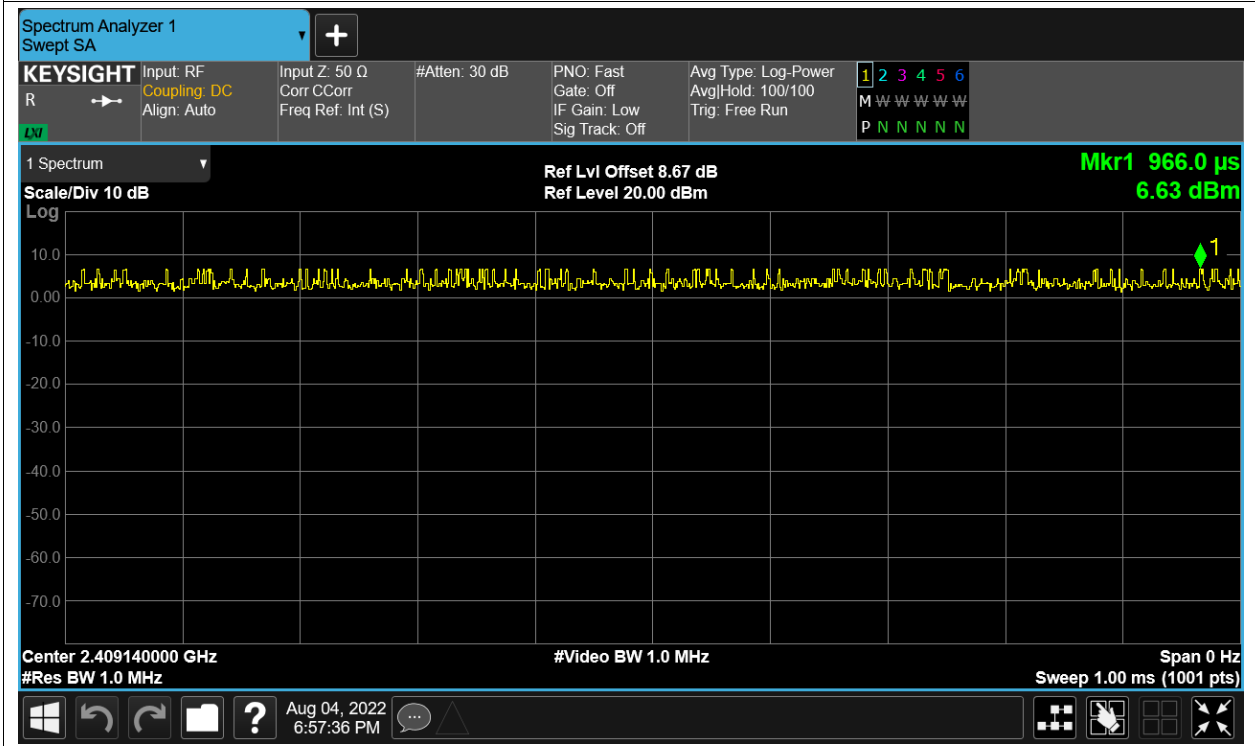
Power NVNT 2.4G-20M-QPSK 2412.5MHz Ant1 Zero Span



Power NVNT 2.4G-20M-QPSK 2412.5MHz Ant2 Pre Scan



Power NVNT 2.4G-20M-QPSK 2412.5MHz Ant2 Zero Span



## EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Gain (dBi)	EIRP Power (mW/MHz)	Limit (mW/MHz)	Verdict
NVNT	2.4G-20M-16QAM	2412.5	Ant1	3.81	2	6.04	-	-
NVNT	2.4G-20M-16QAM	2412.5	Ant2	4.37	2.5	7.76	-	-
NVNT	2.4G-20M-16QAM	2412.5	Sum	8.18	2	13.8	16.368	Pass
NVNT	2.4G-20M-QPSK	2412.5	Ant1	4.11	2	6.51	-	-
NVNT	2.4G-20M-QPSK	2412.5	Ant2	4.6	2.5	8.18	-	-
NVNT	2.4G-20M-QPSK	2412.5	Sum	8.71	2	14.69	16.368	Pass