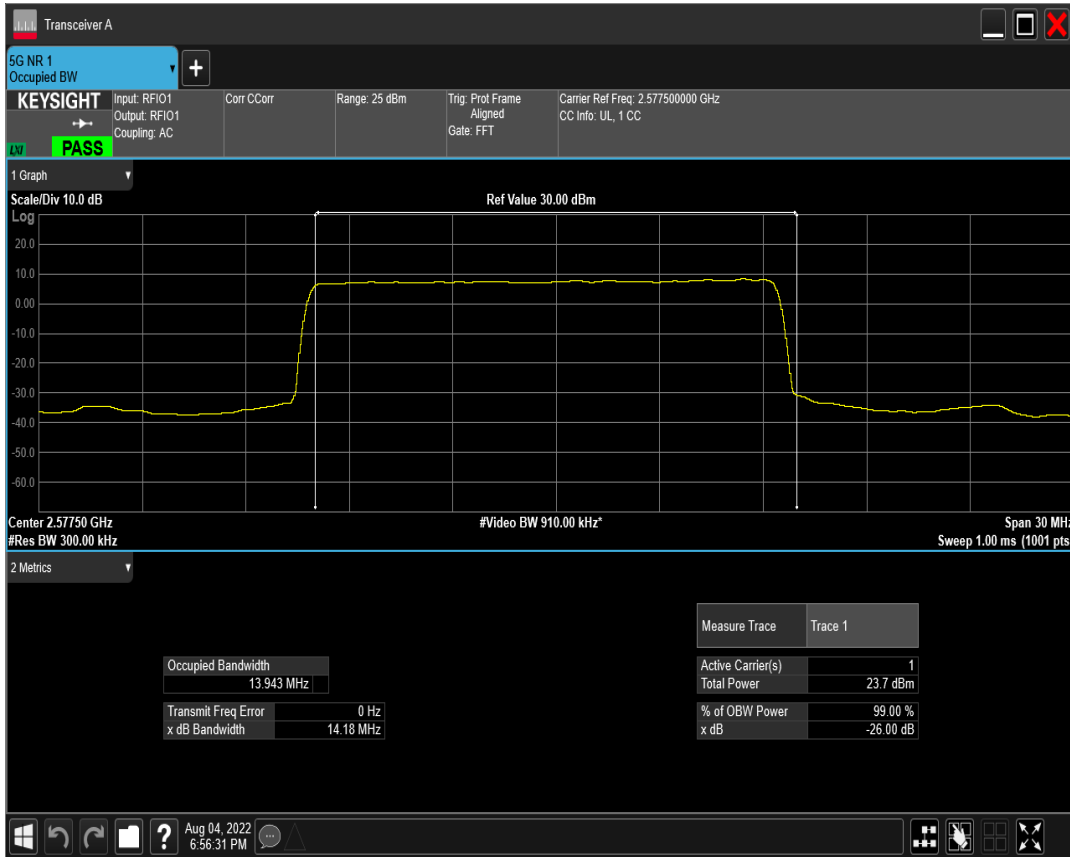
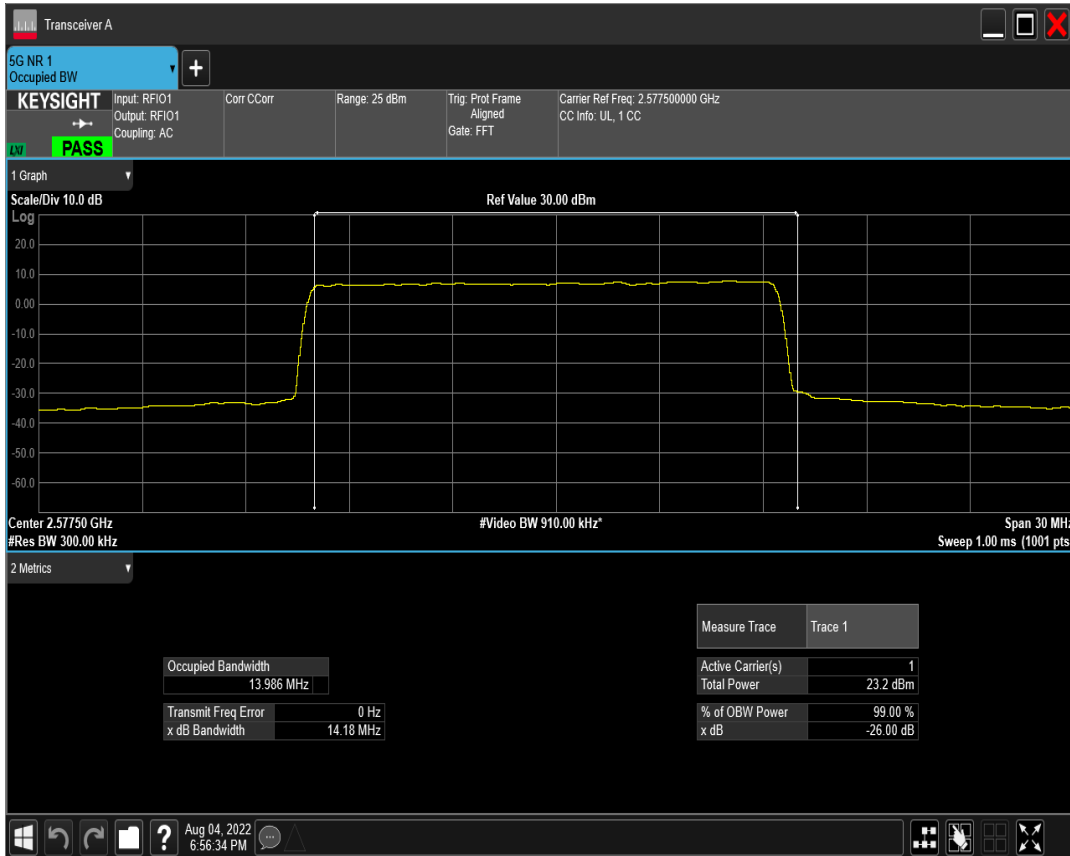


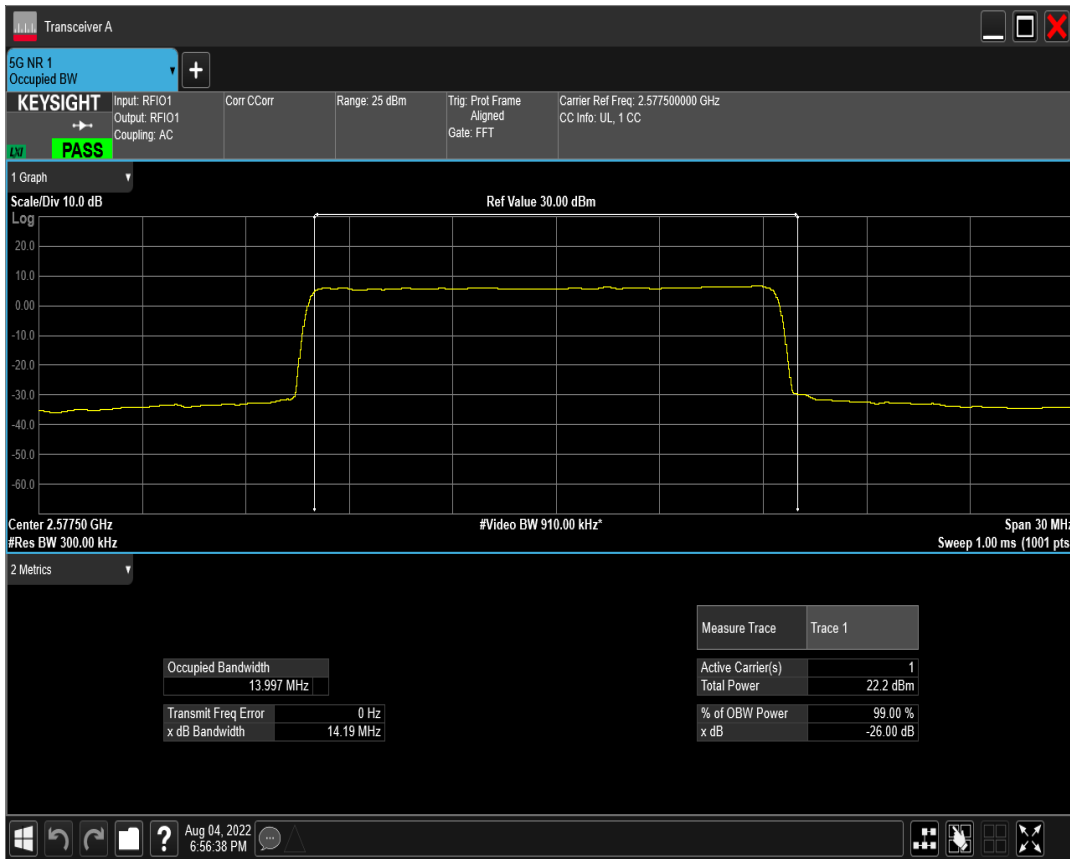
n38 SCS=15kHz DFT\_BPSK BW=15MHz Channel=515500 RB=75@0



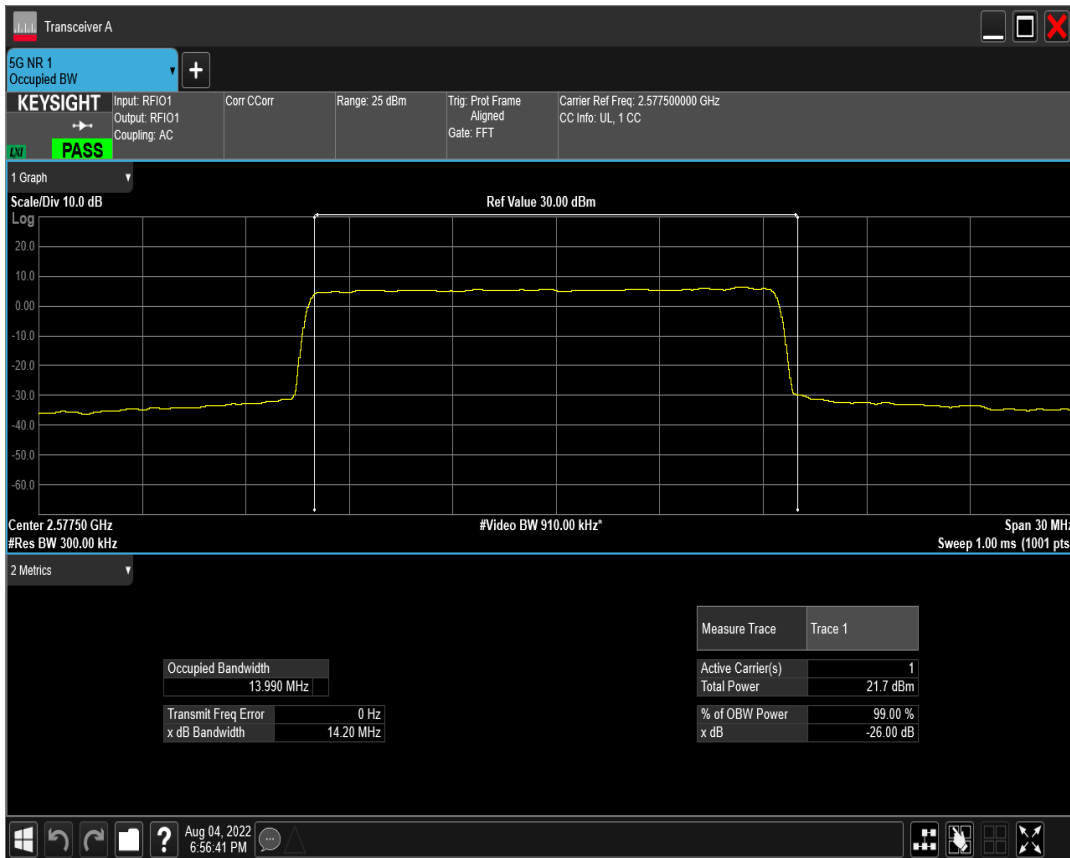
n38 SCS=15kHz DFT\_QPSK BW=15MHz Channel=515500 RB=75@0



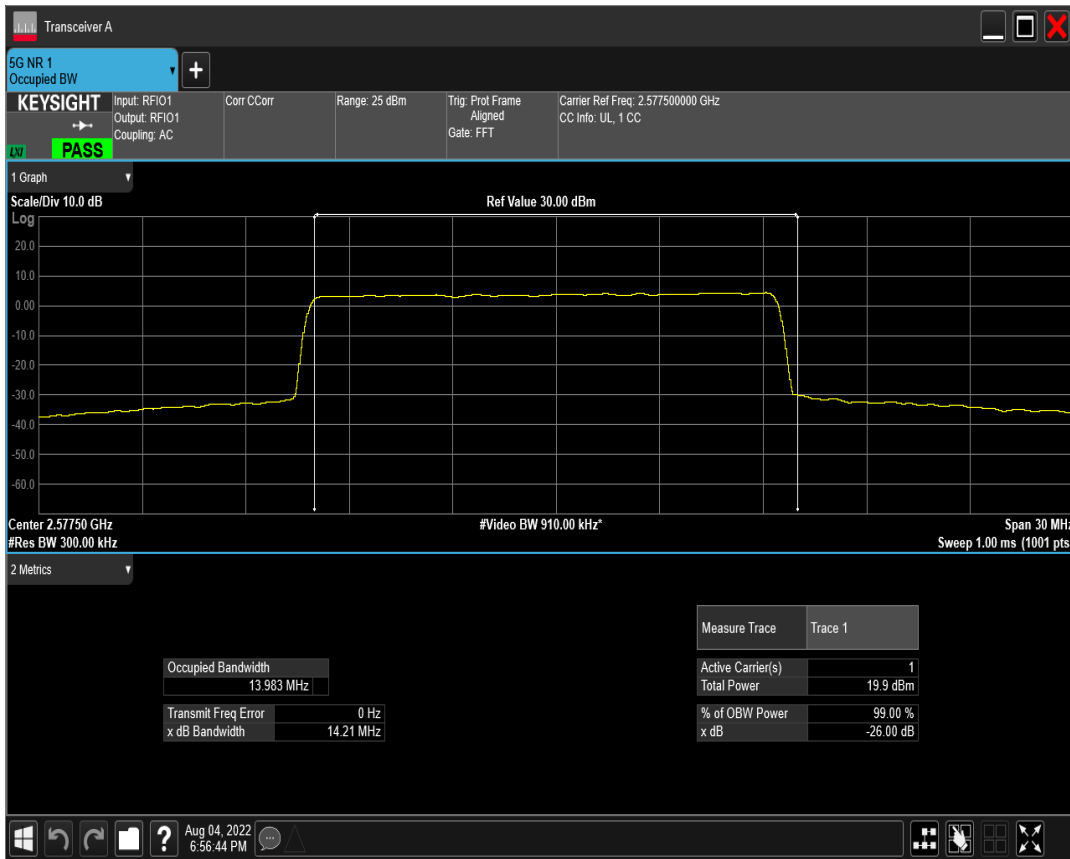
n38 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=515500 RB=75@0



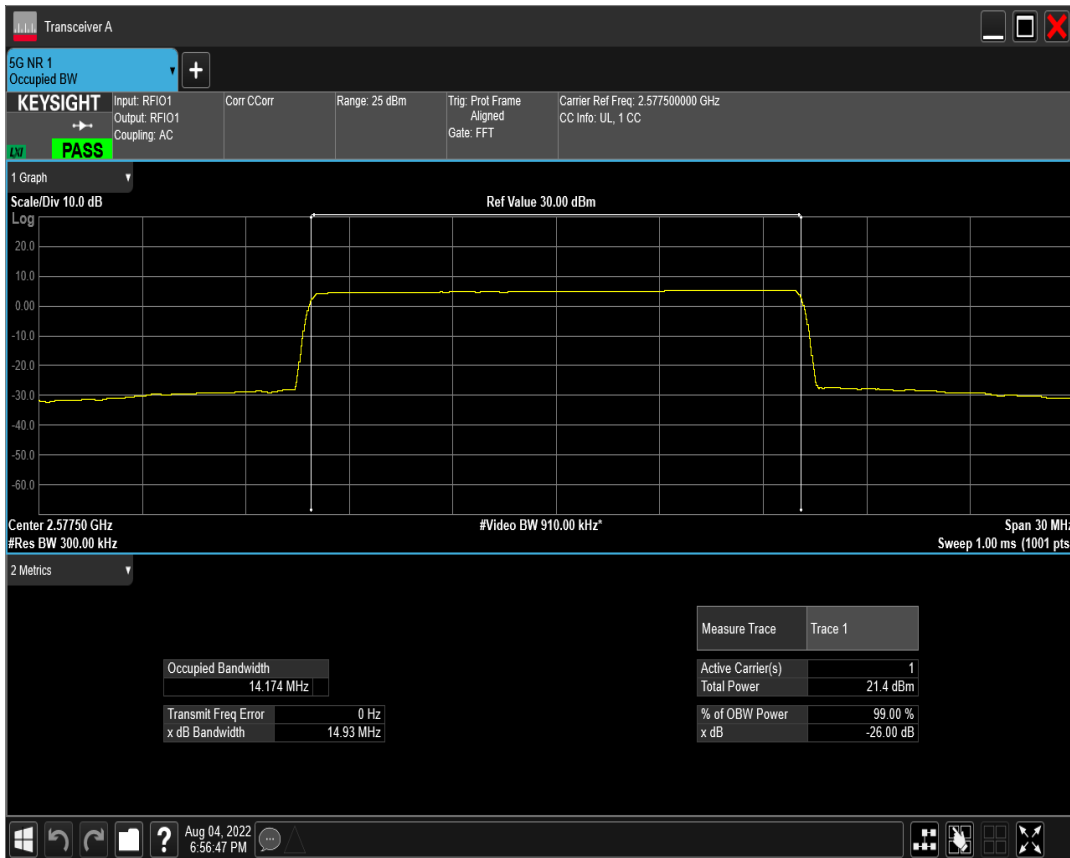
n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=515500 RB=75@0



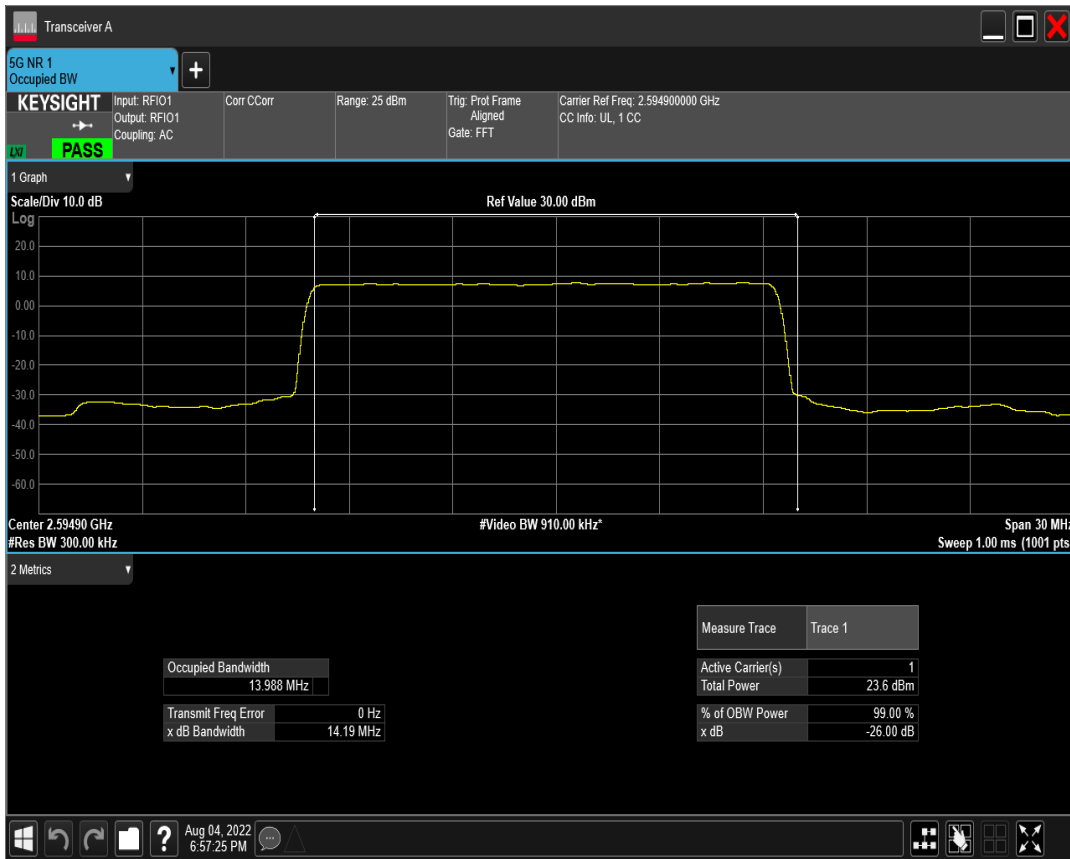
n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=515500 RB=75@0



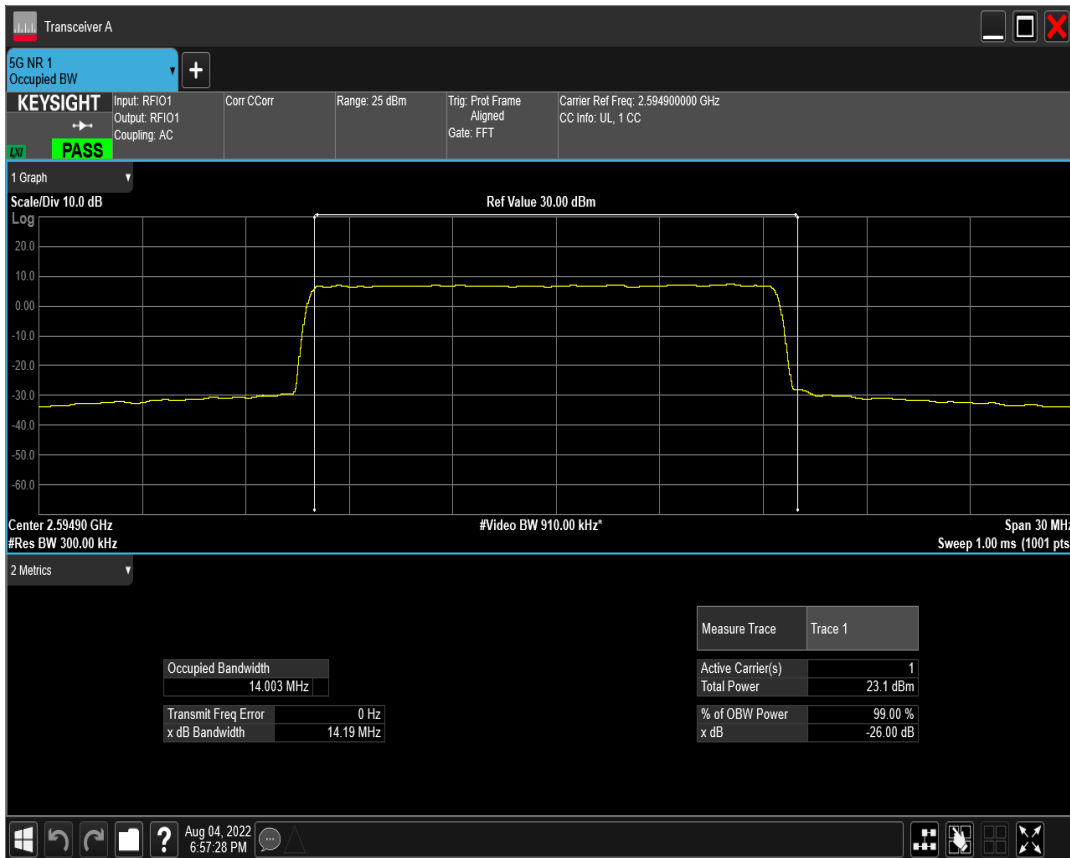
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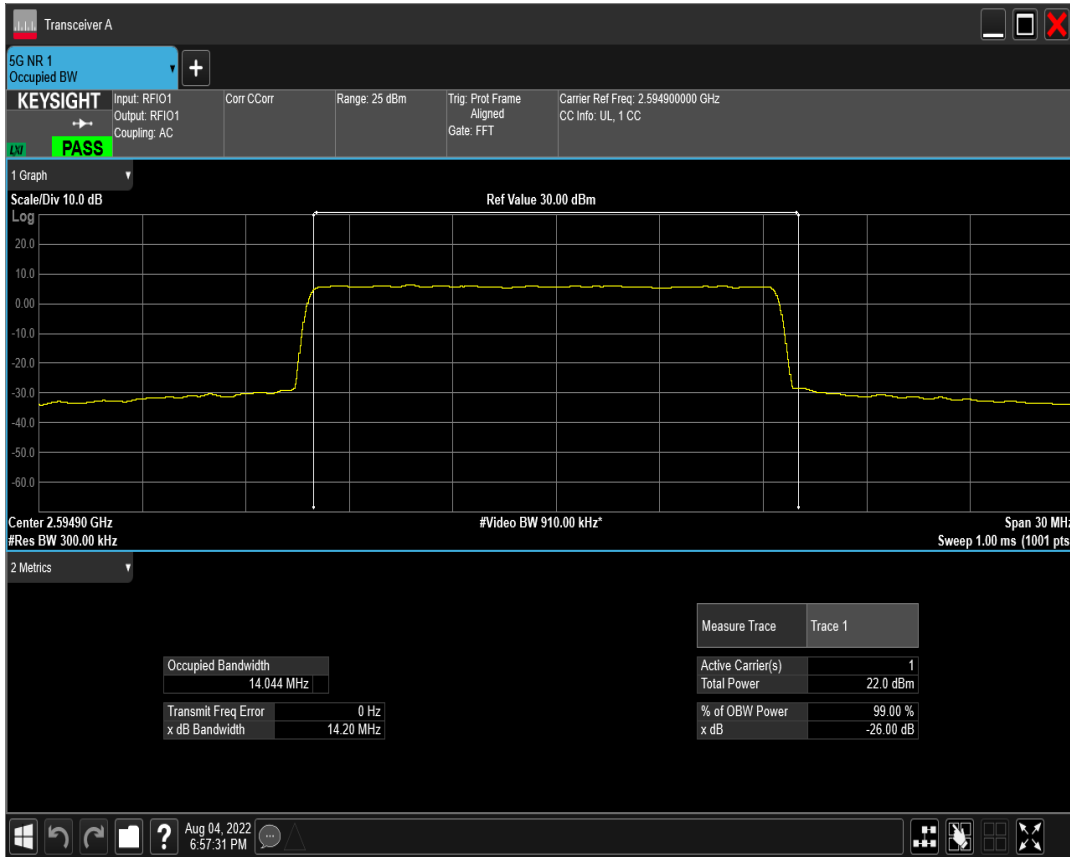
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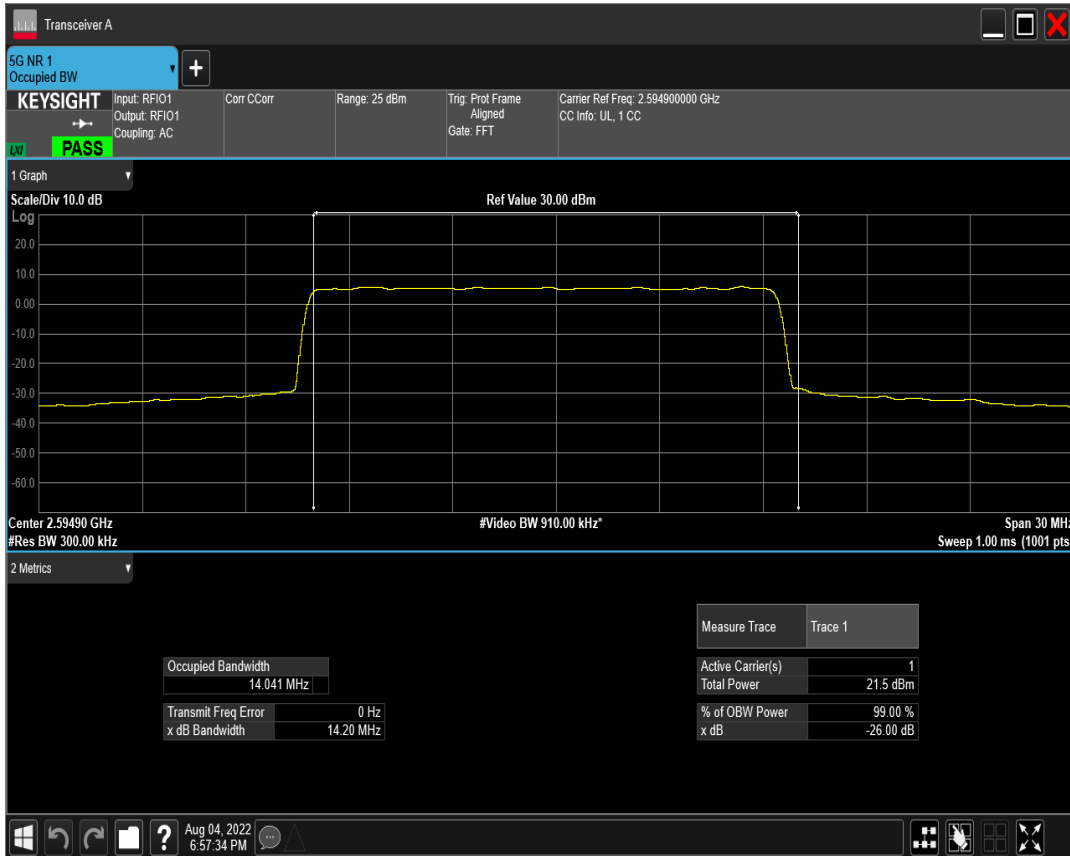
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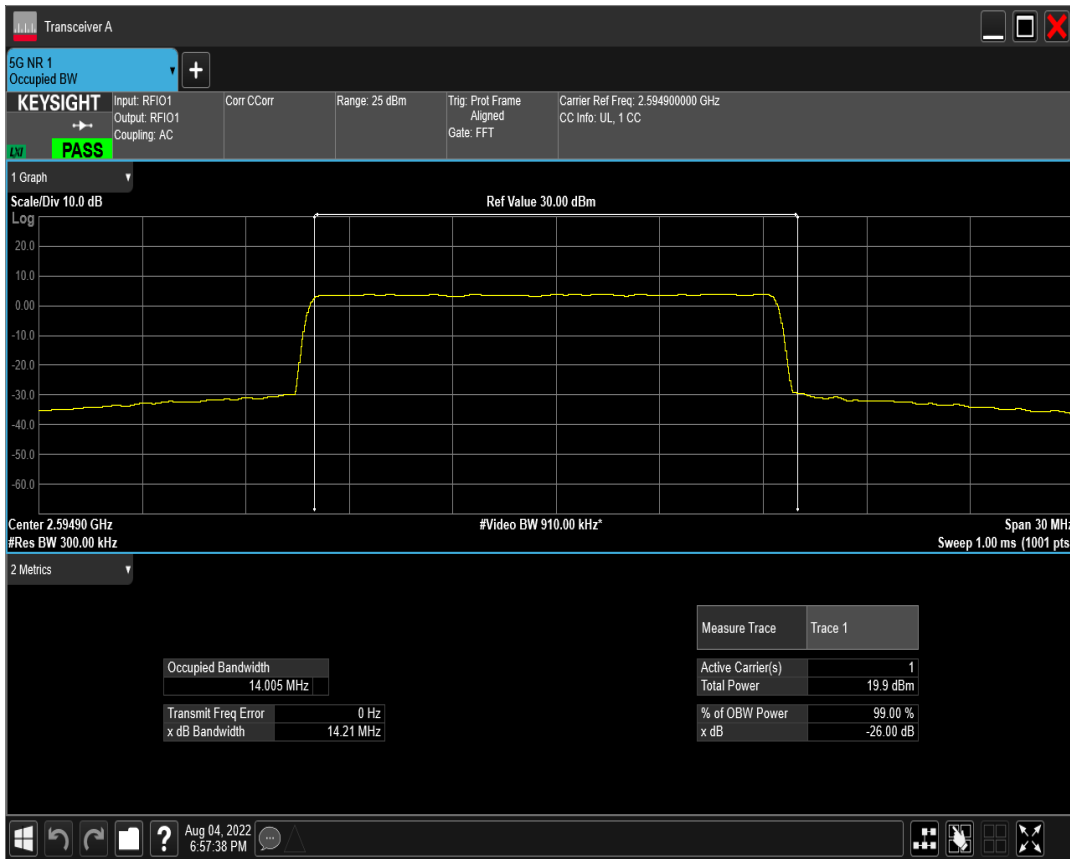
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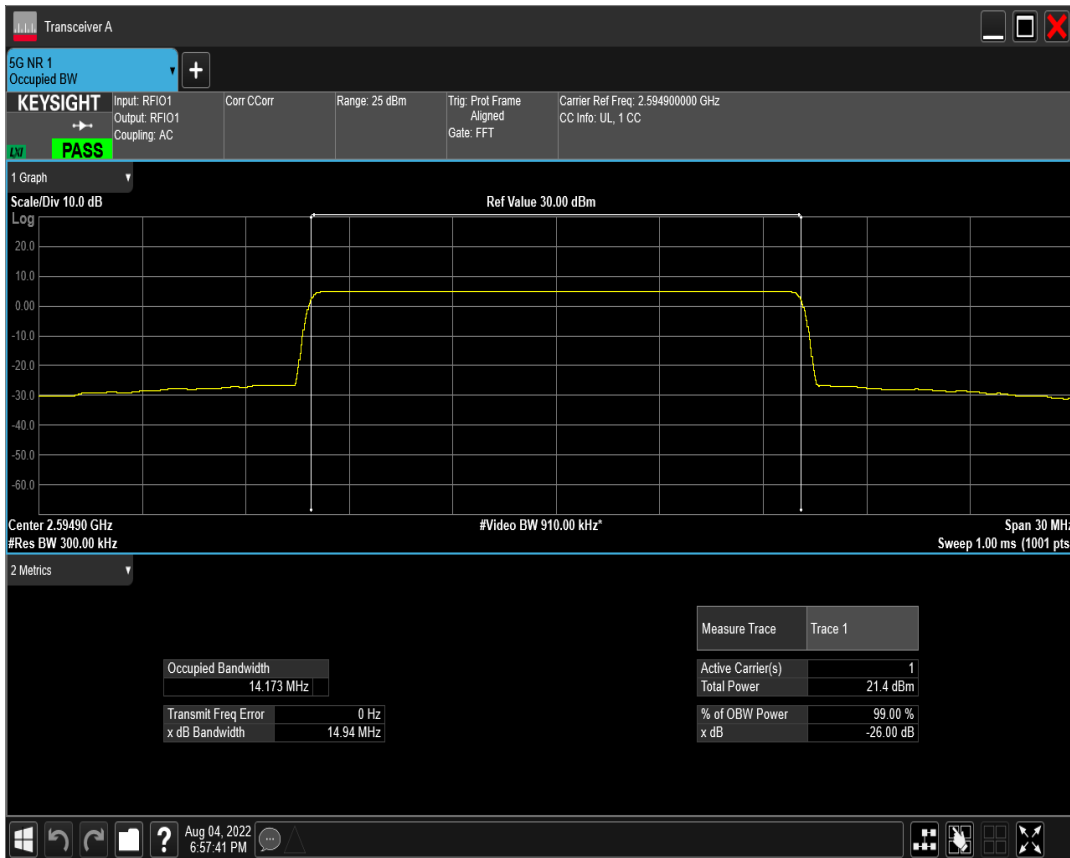
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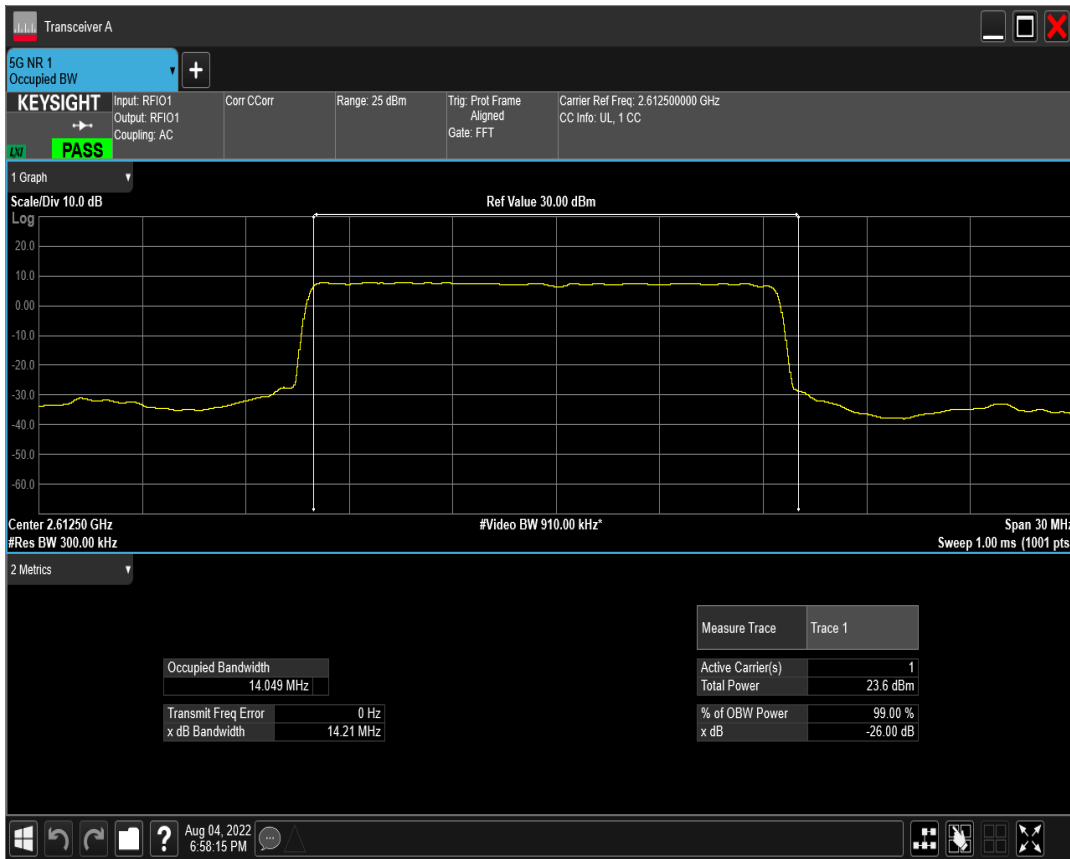
n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=75@0



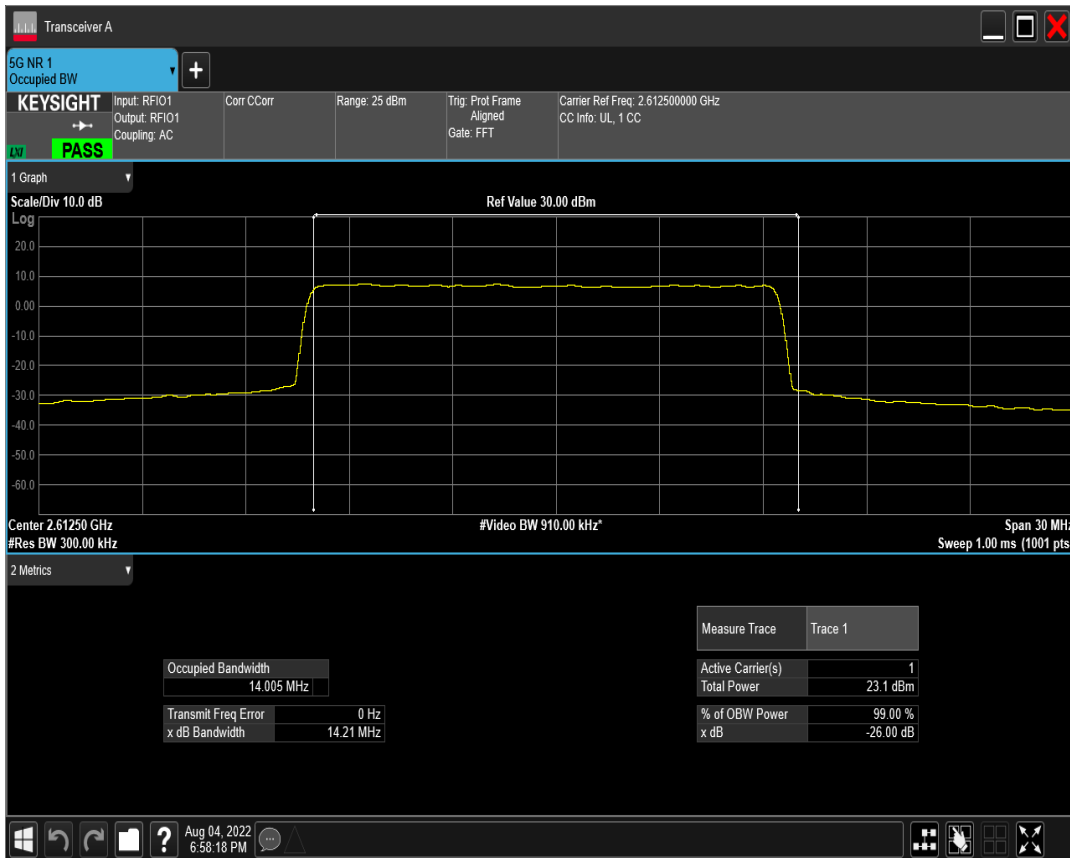
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=519000 RB=79@0



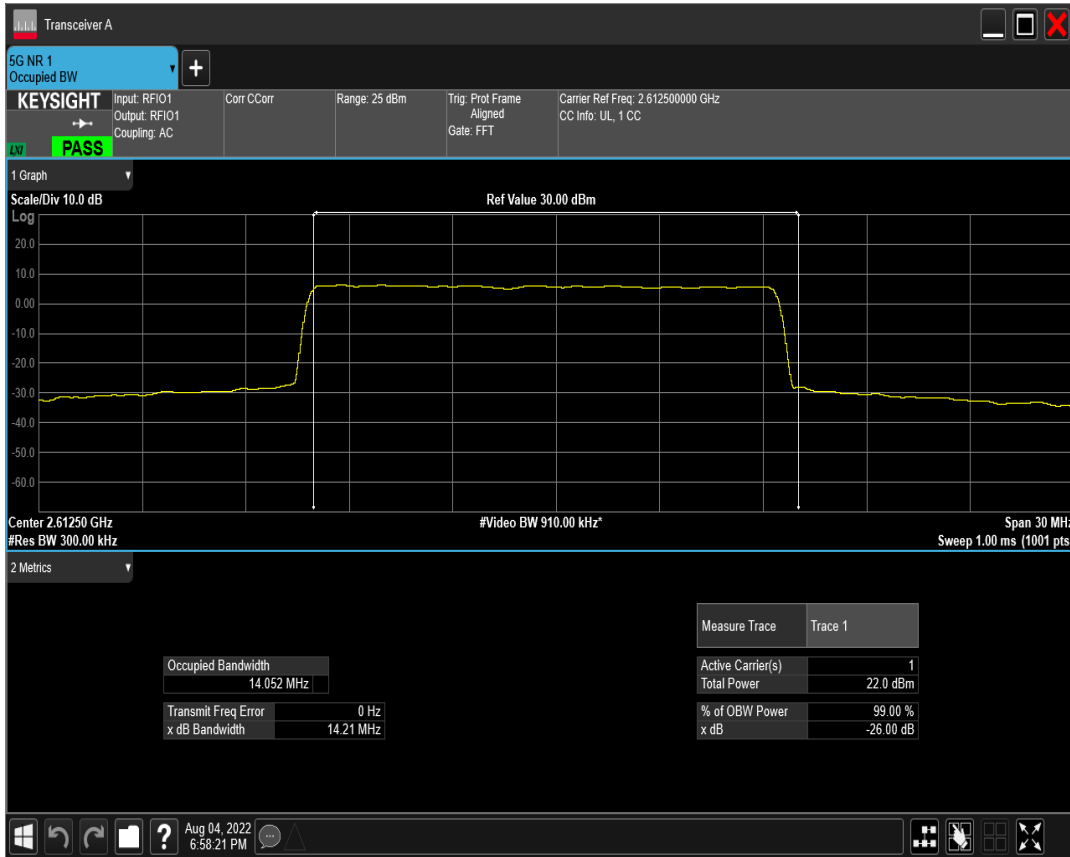
n38 SCS=15kHz DFT\_BPSK BW=15MHz Channel=522500 RB=75@0



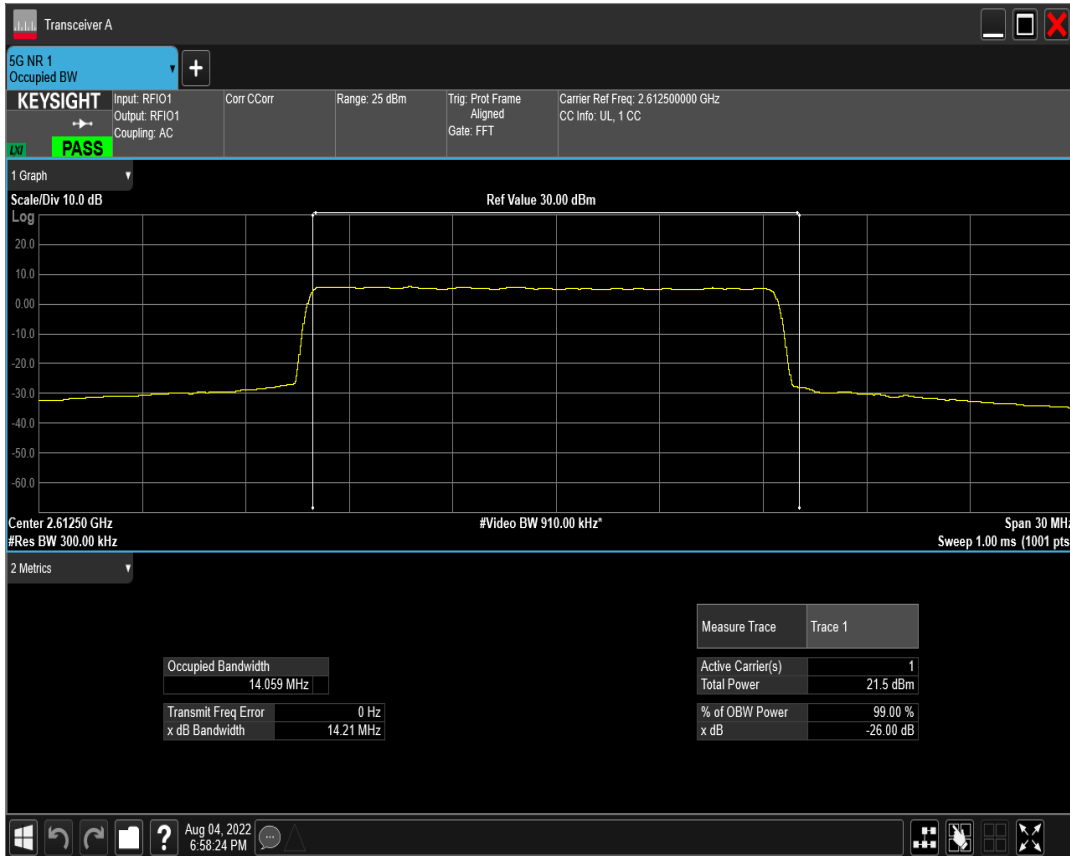
n38 SCS=15kHz DFT\_QPSK BW=15MHz Channel=522500 RB=75@0



n38 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=522500 RB=75@0

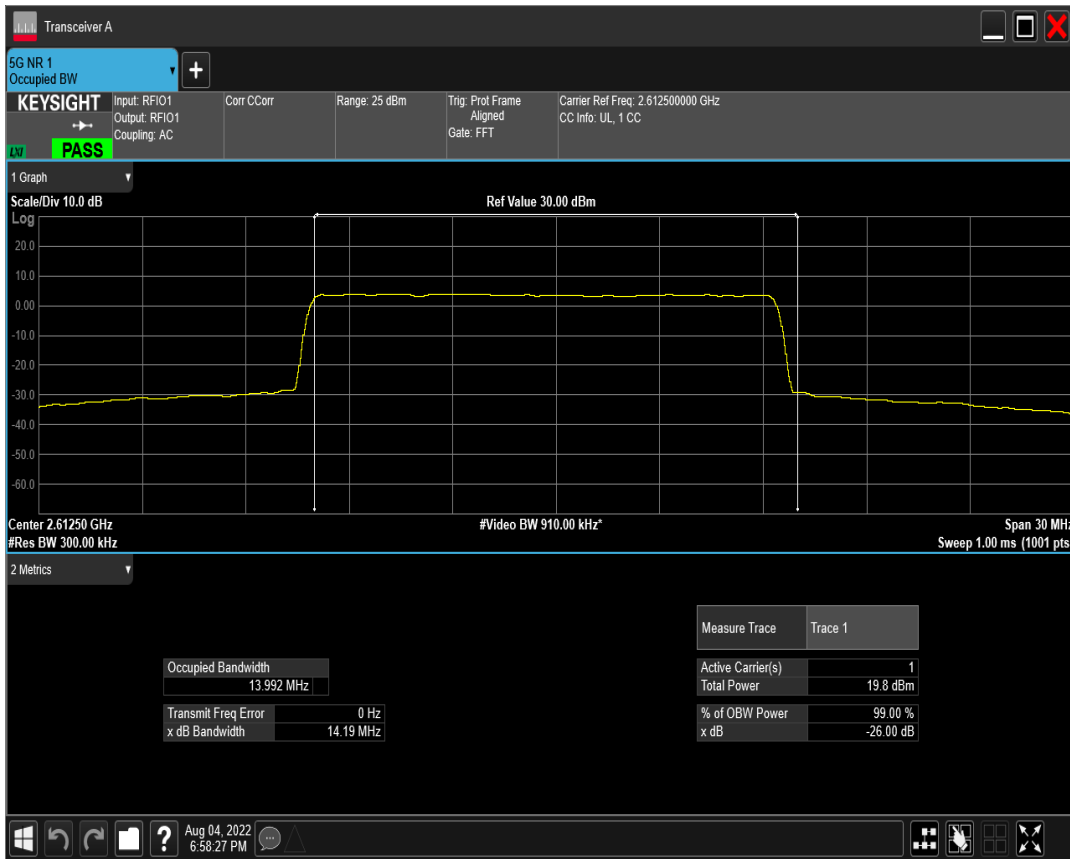


n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=522500 RB=75@0

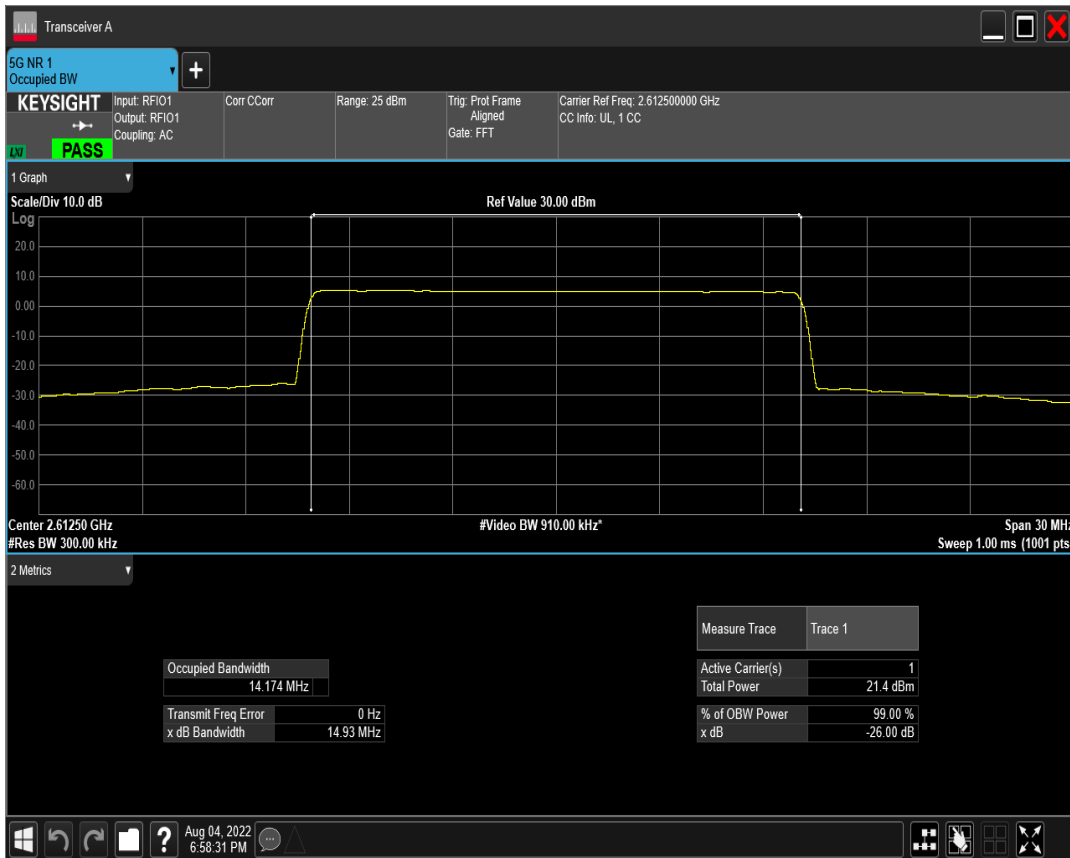




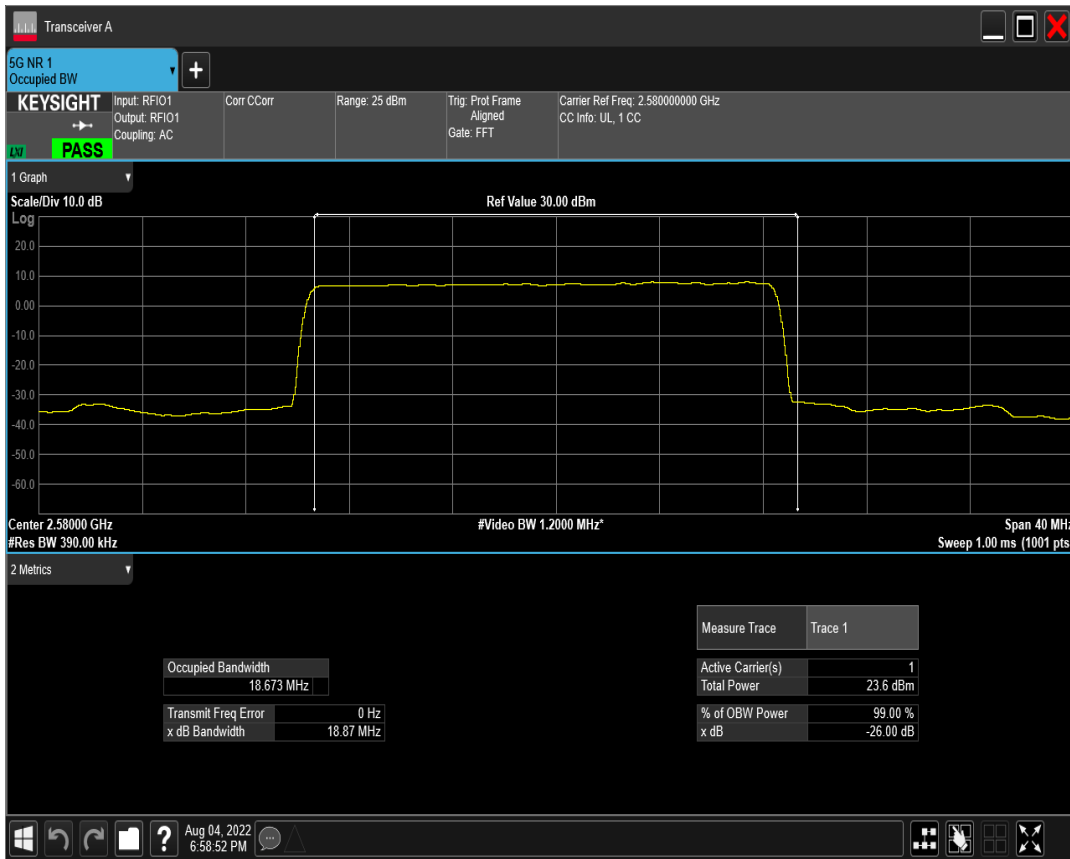
n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=522500 RB=75@0



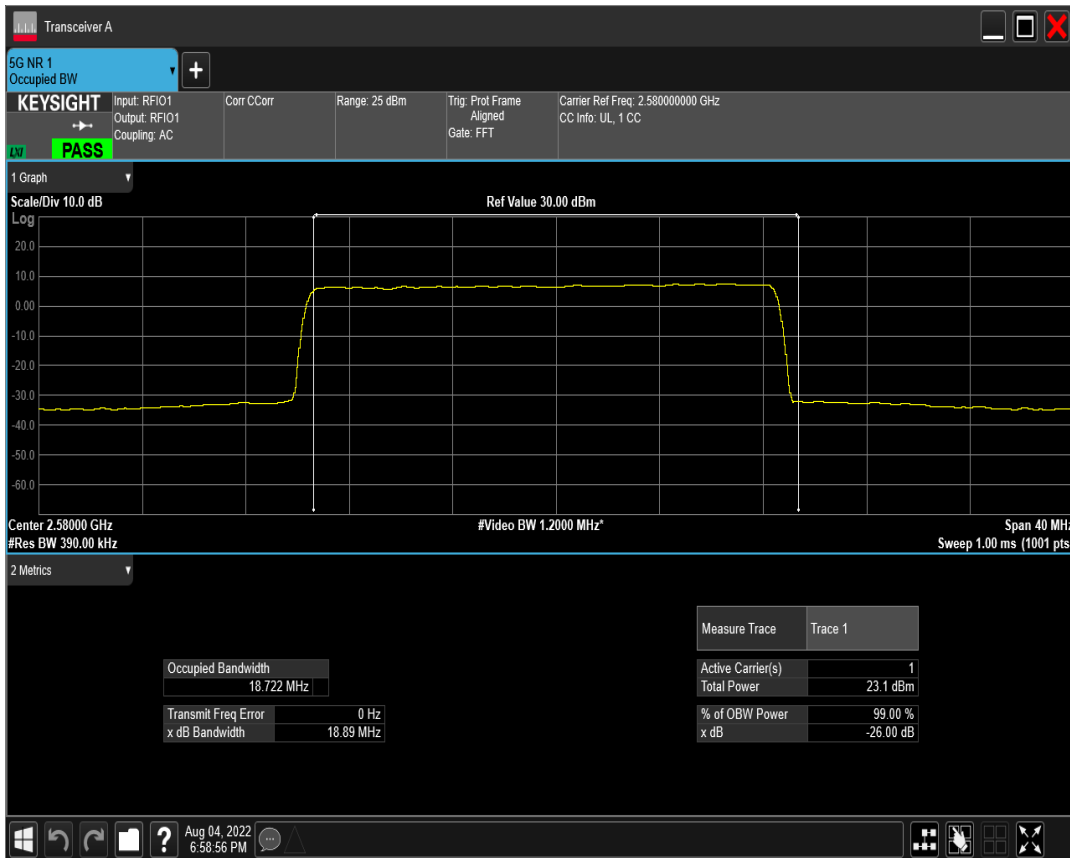
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=522500 RB=79@0



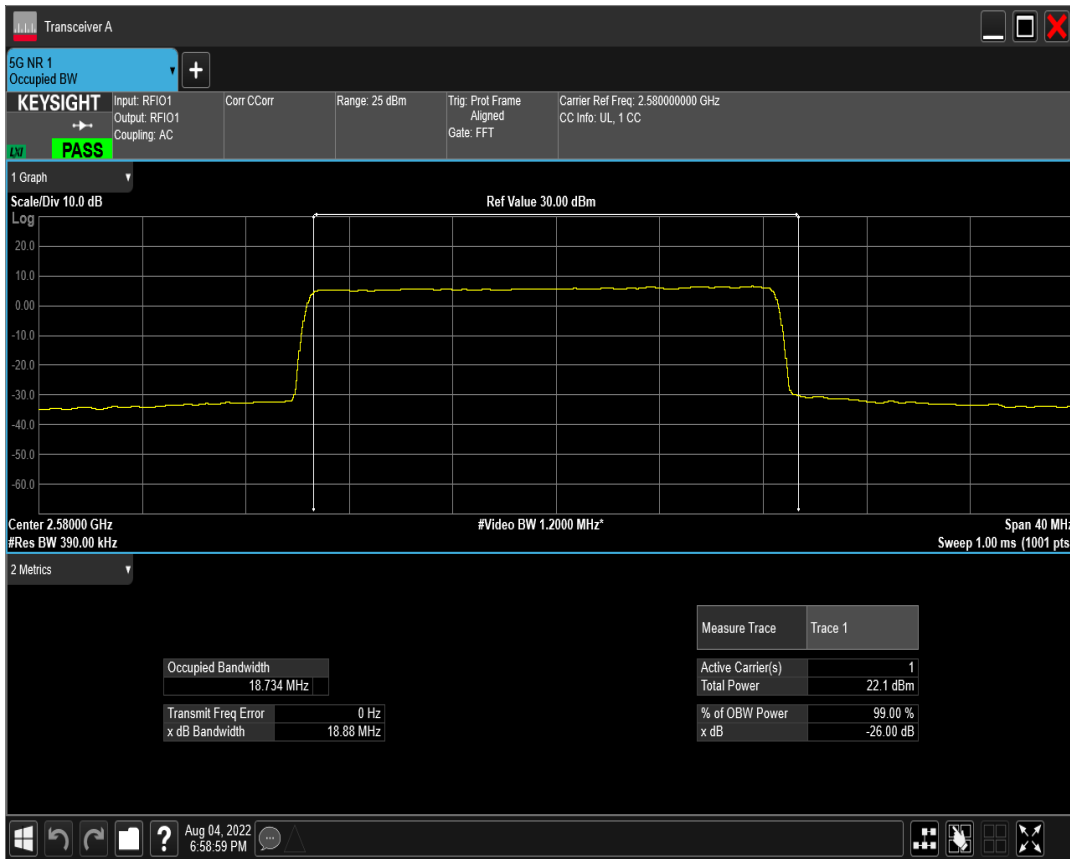
n38 SCS=15kHz DFT\_BPSK BW=20MHz Channel=516000 RB=100@0



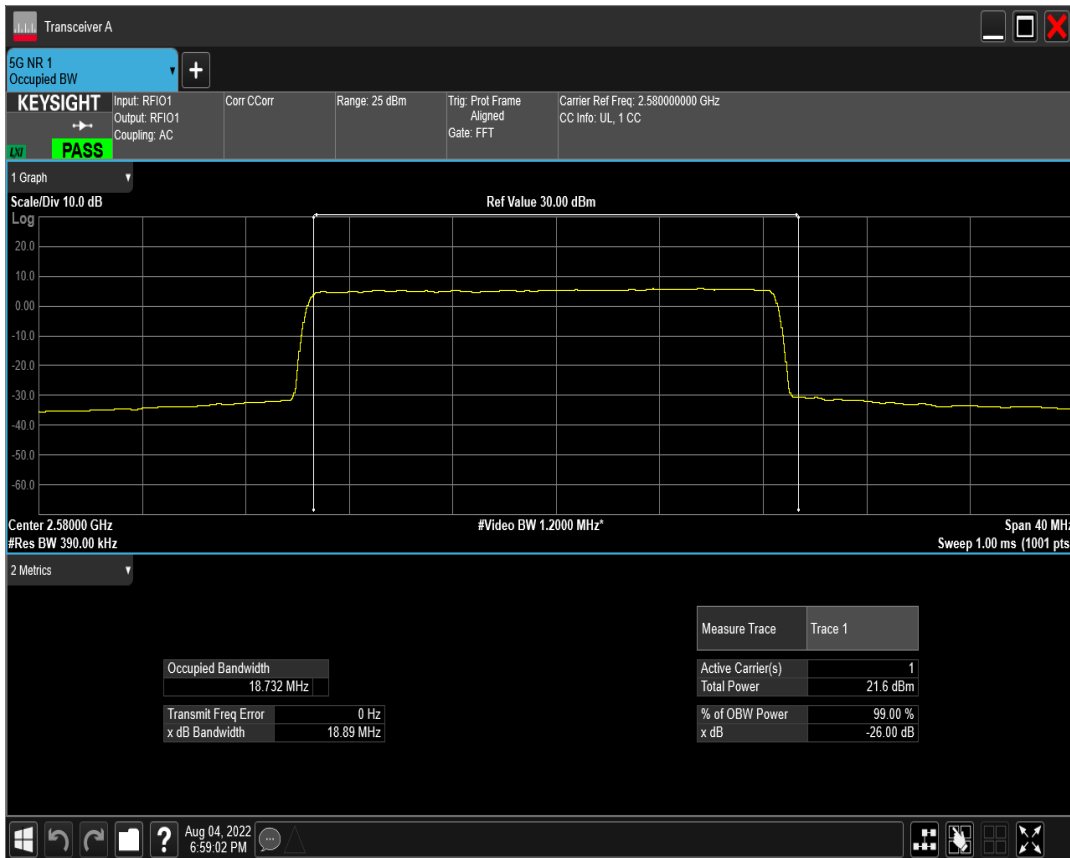
n38 SCS=15kHz DFT\_QPSK BW=20MHz Channel=516000 RB=100@0



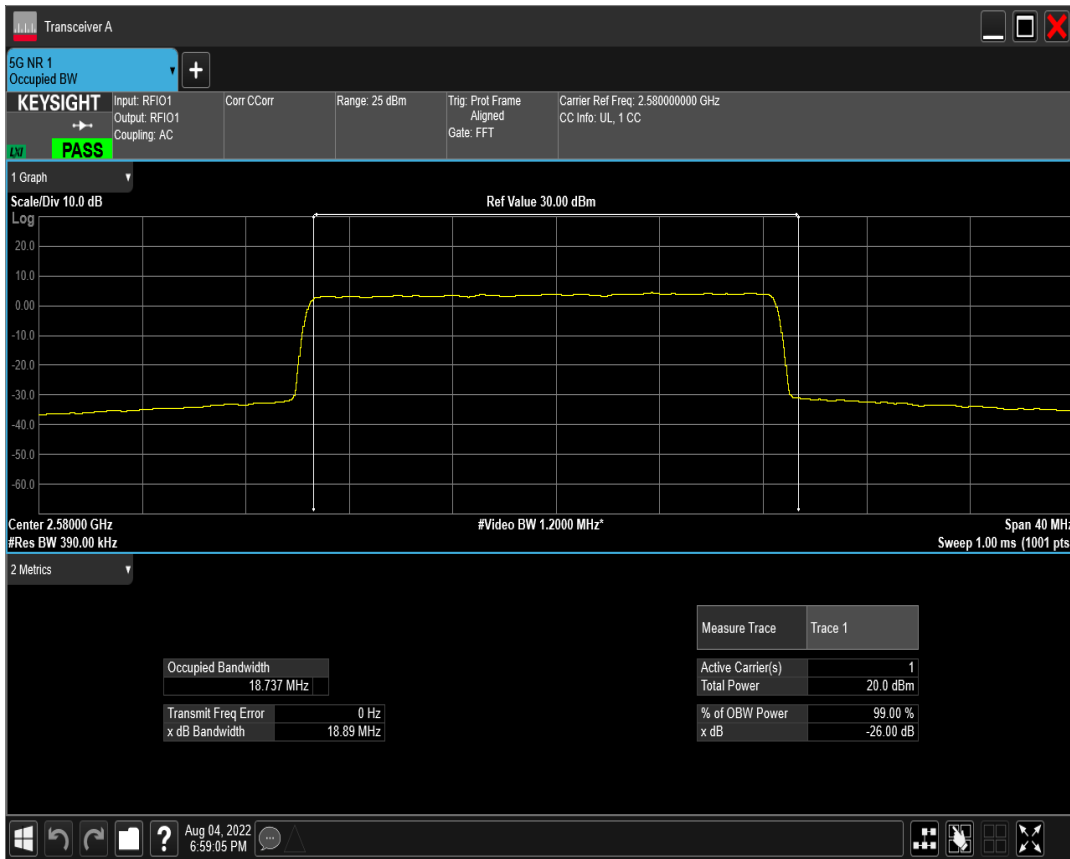
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=516000 RB=100@0



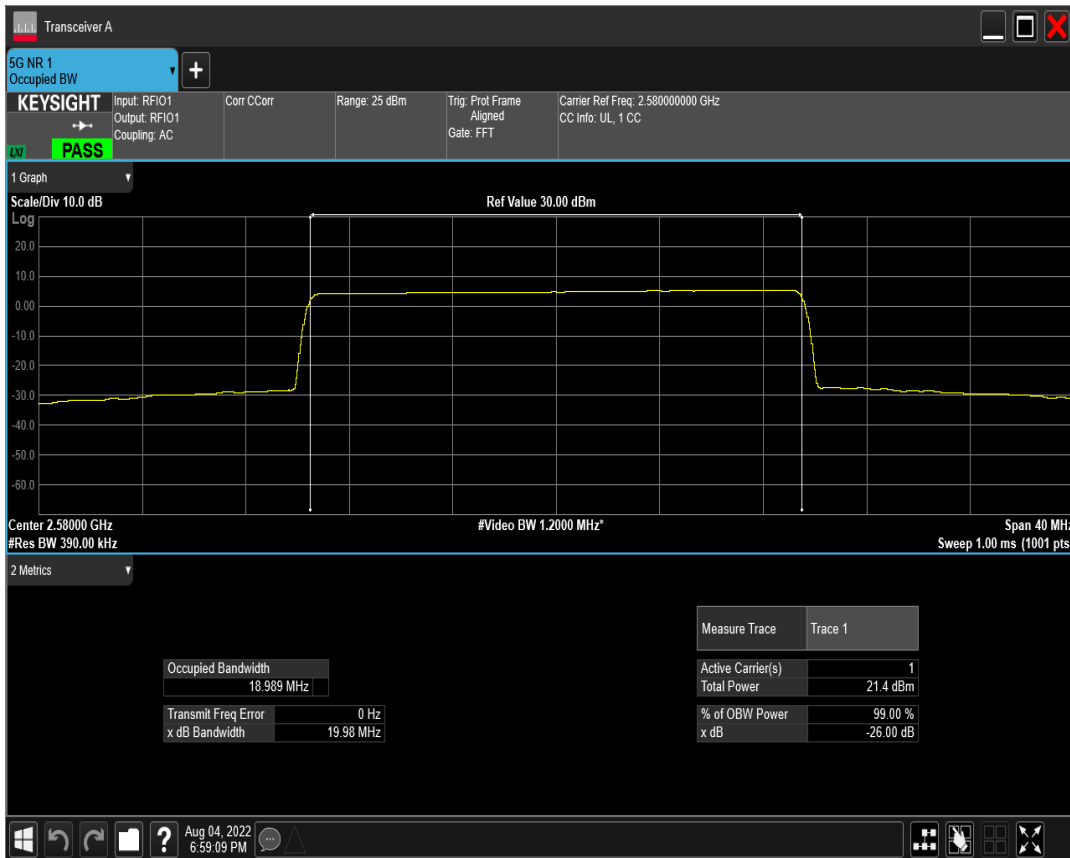
n38 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=516000 RB=100@0



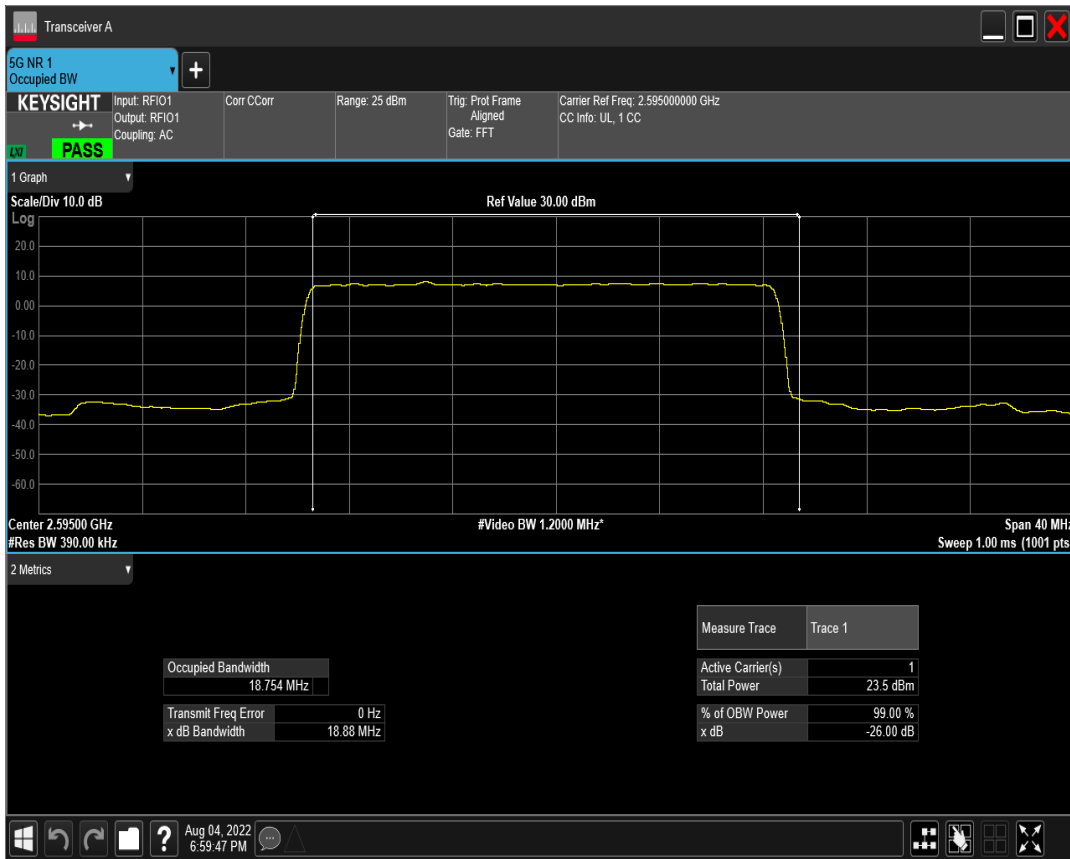
n38 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=516000 RB=100@0



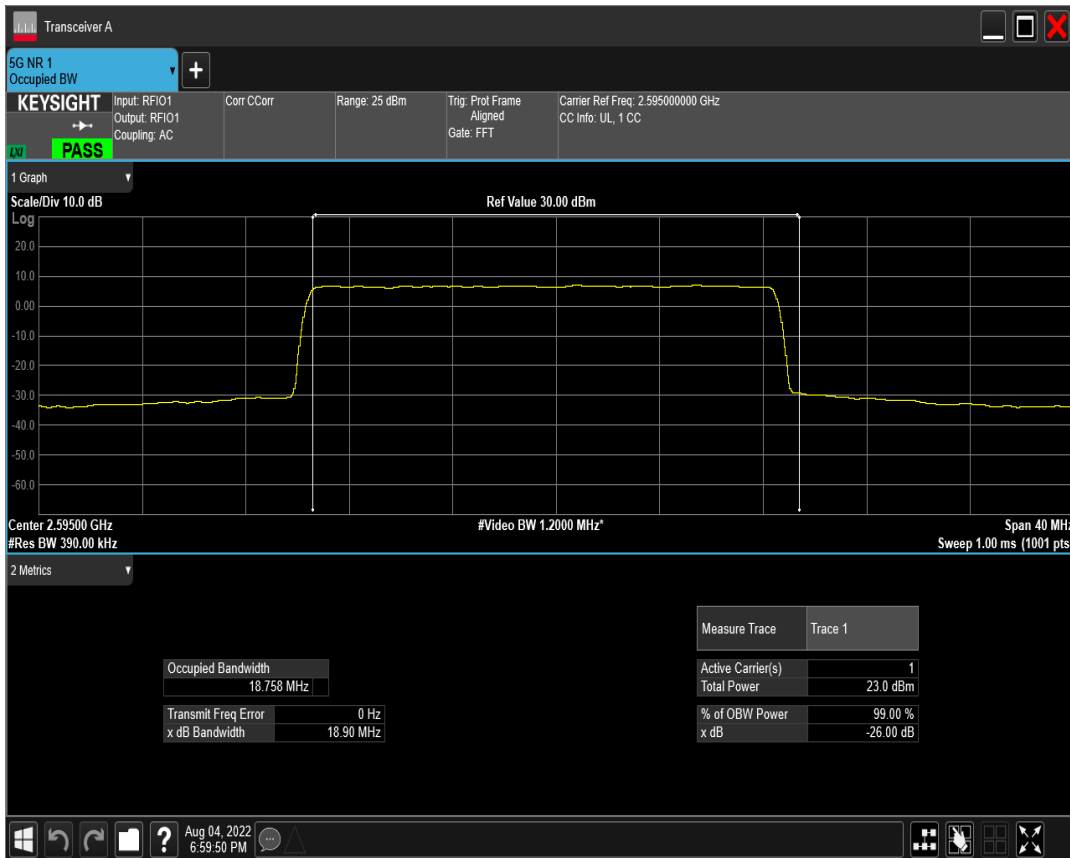
n38 SCS=15kHz CP\_QPSK BW=20MHz Channel=516000 RB=106@0



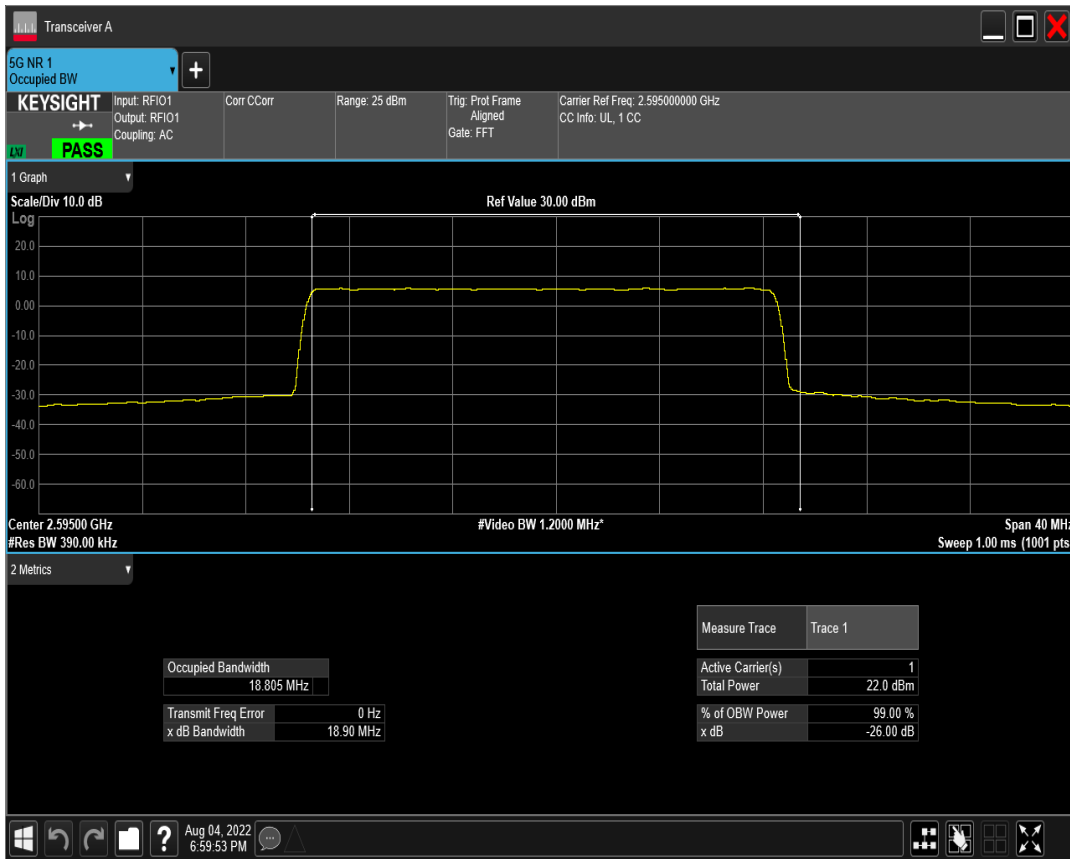
n38 SCS=15kHz DFT\_BPSK BW=20MHz Channel=519000 RB=100@0



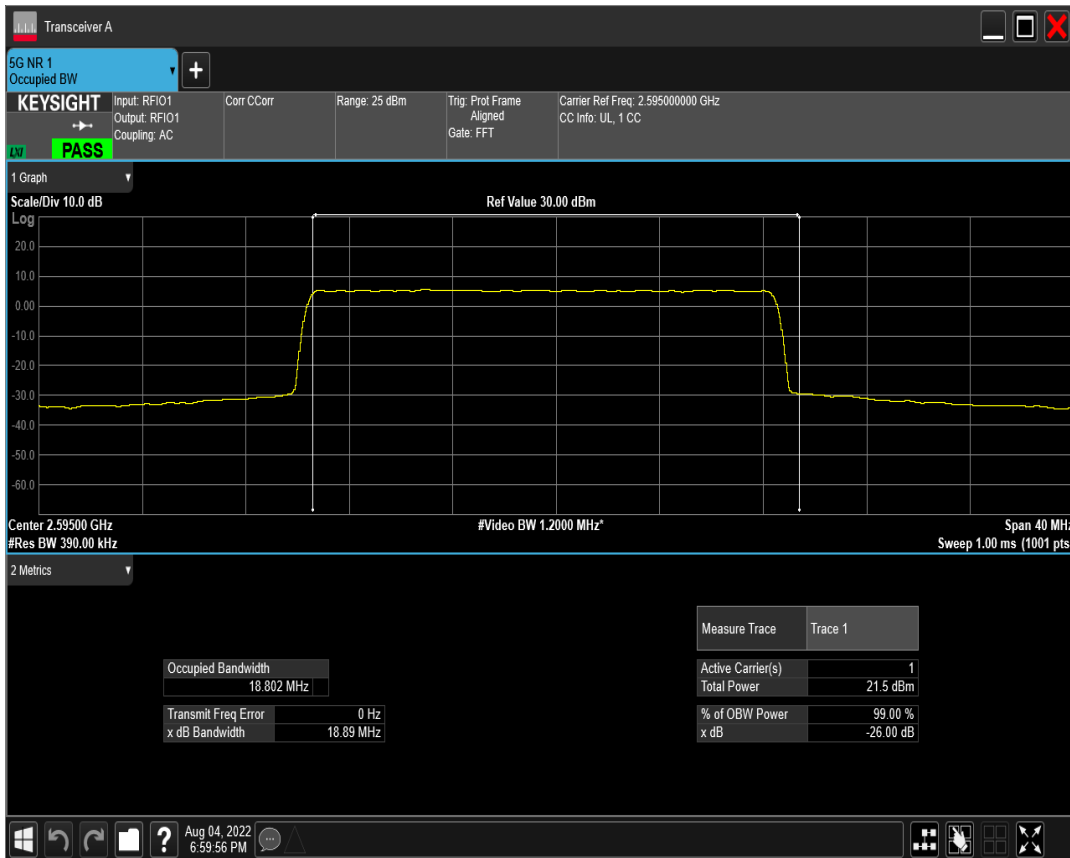
n38 SCS=15kHz DFT\_QPSK BW=20MHz Channel=519000 RB=100@0



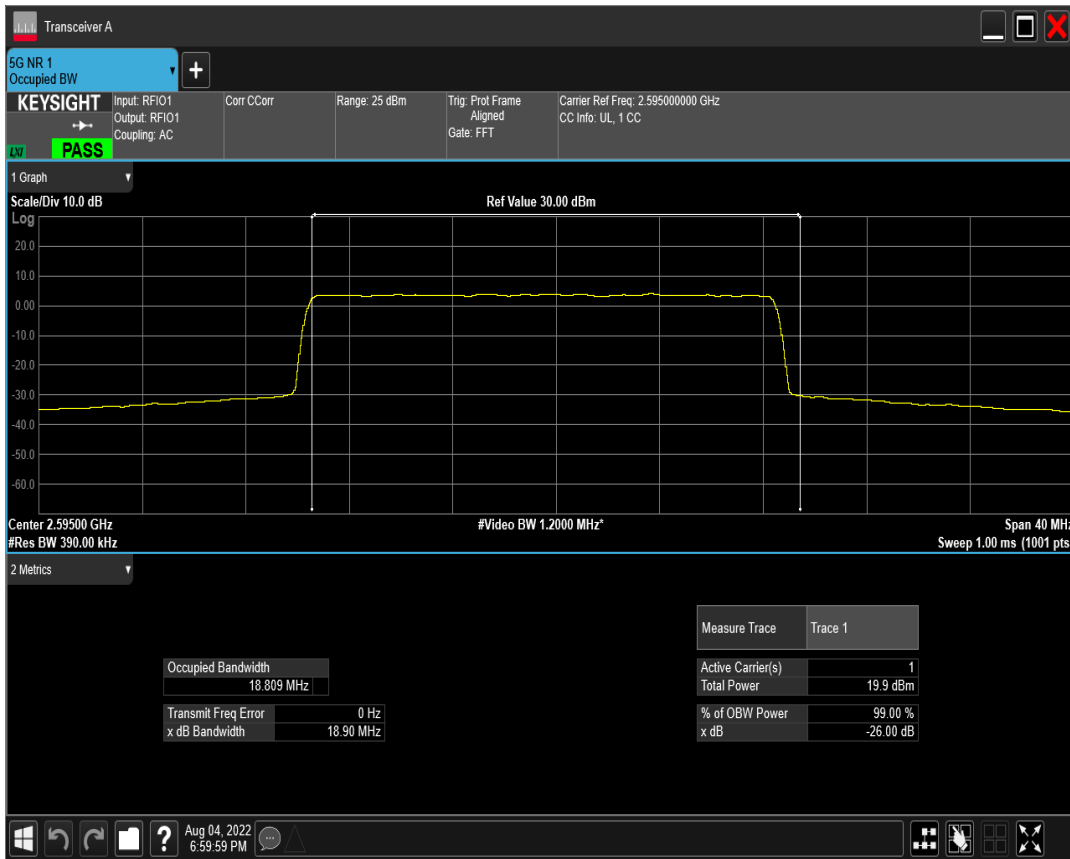
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=100@0



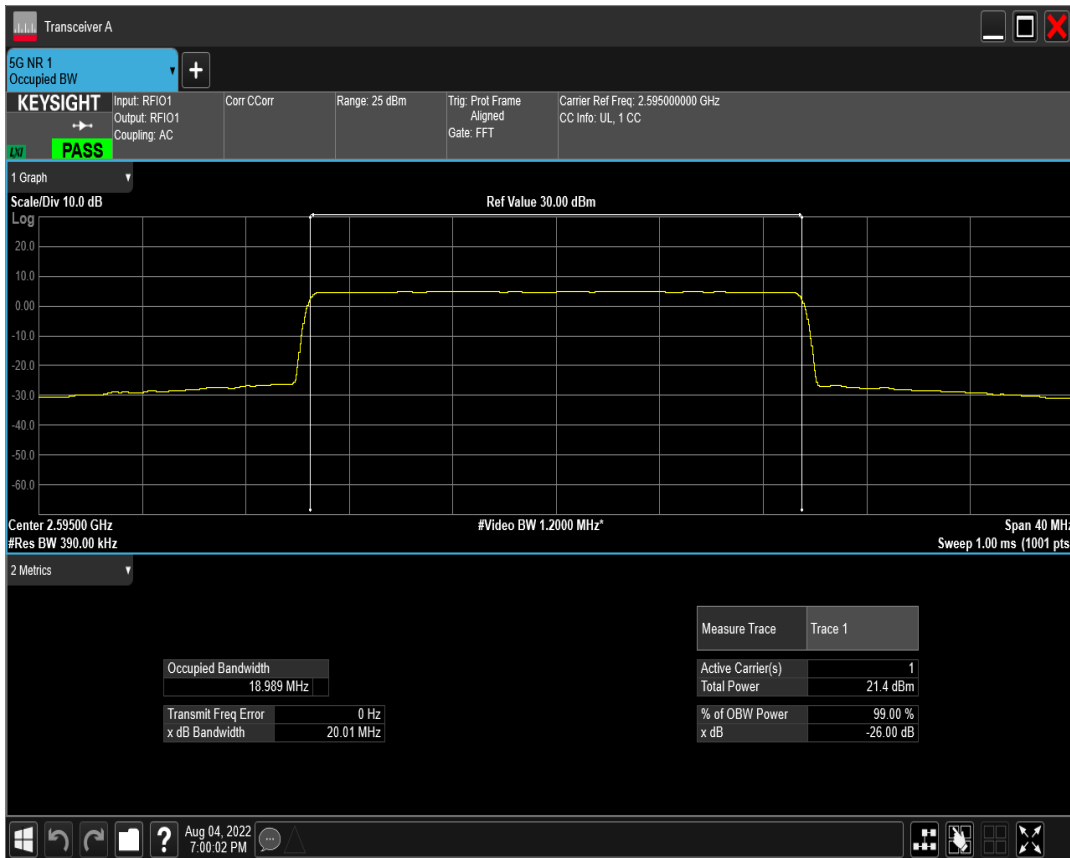
n38 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=100@0



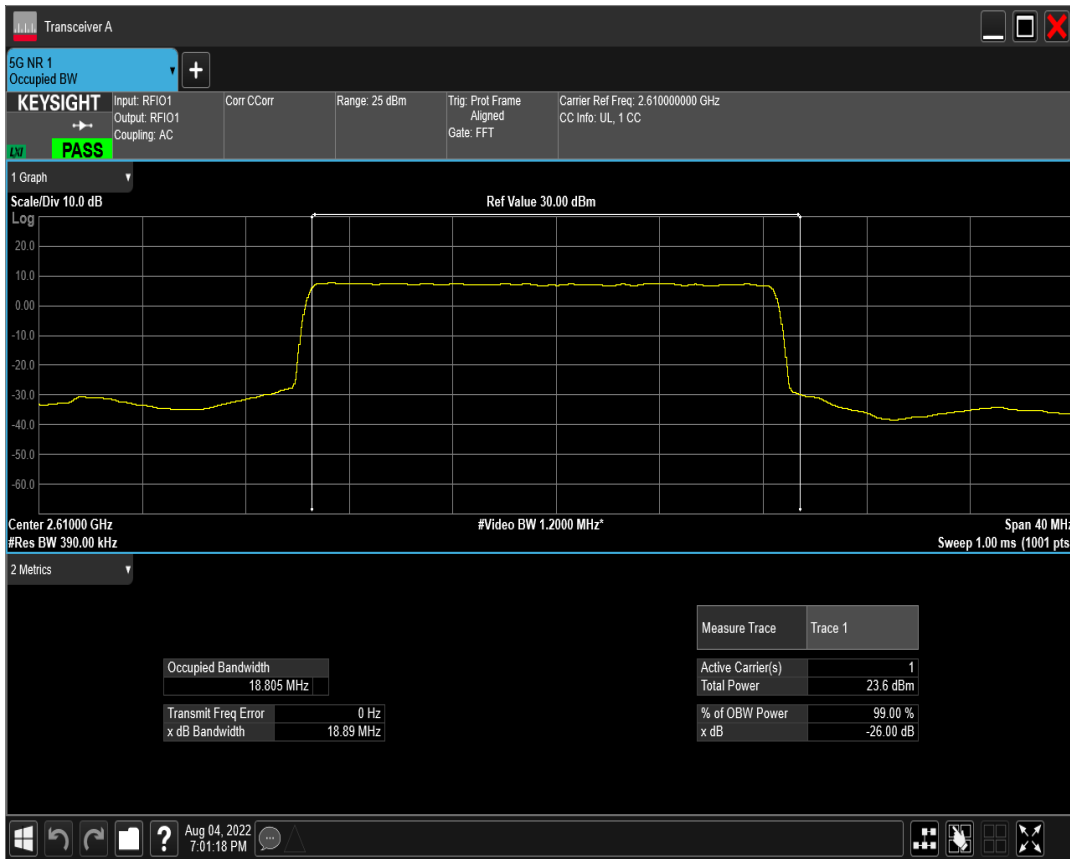
n38 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=100@0



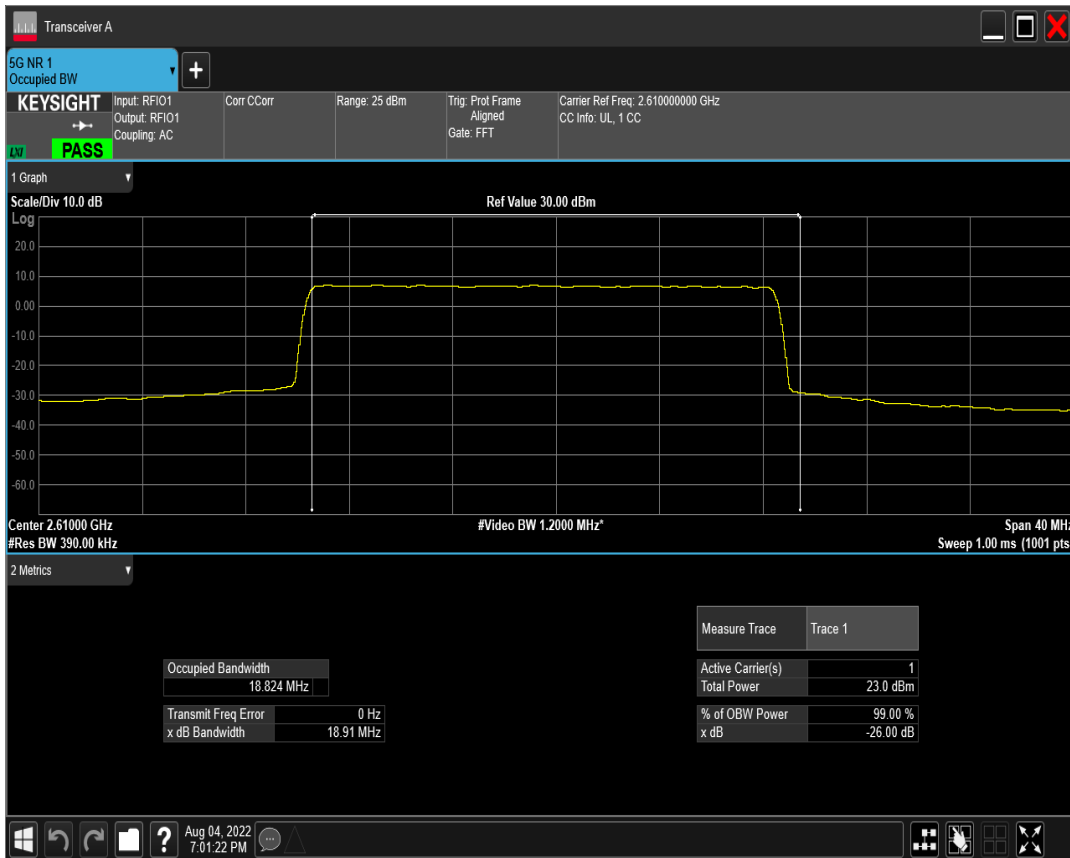
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n38 SCS=15kHz DFT\_BPSK BW=20MHz Channel=522000 RB=100@0

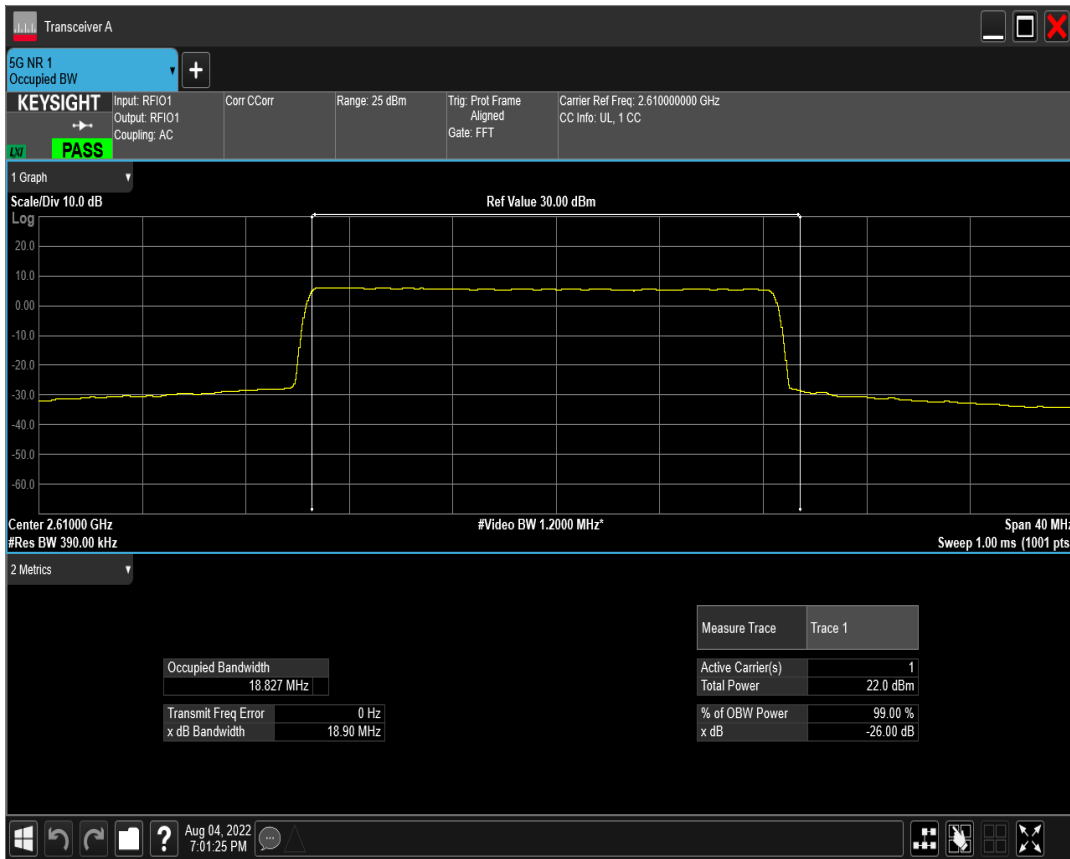


n38 SCS=15kHz DFT\_QPSK BW=20MHz Channel=522000 RB=100@0

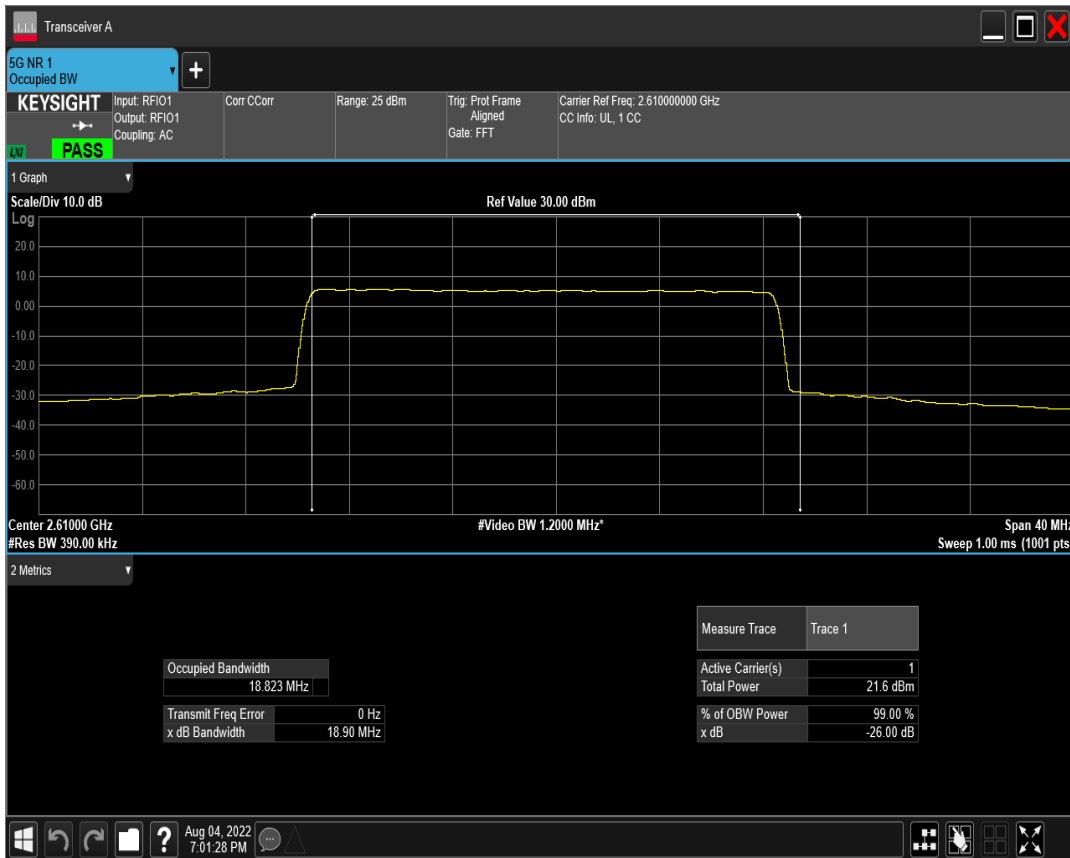




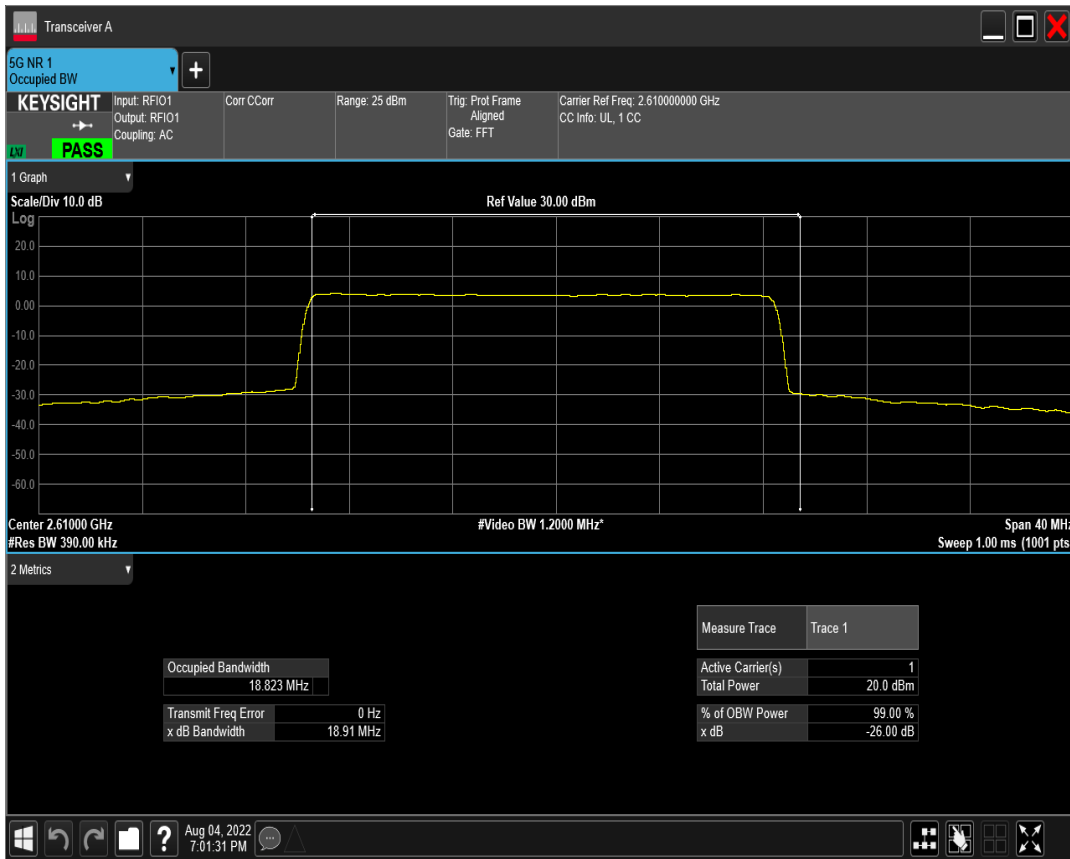
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=522000 RB=100@0



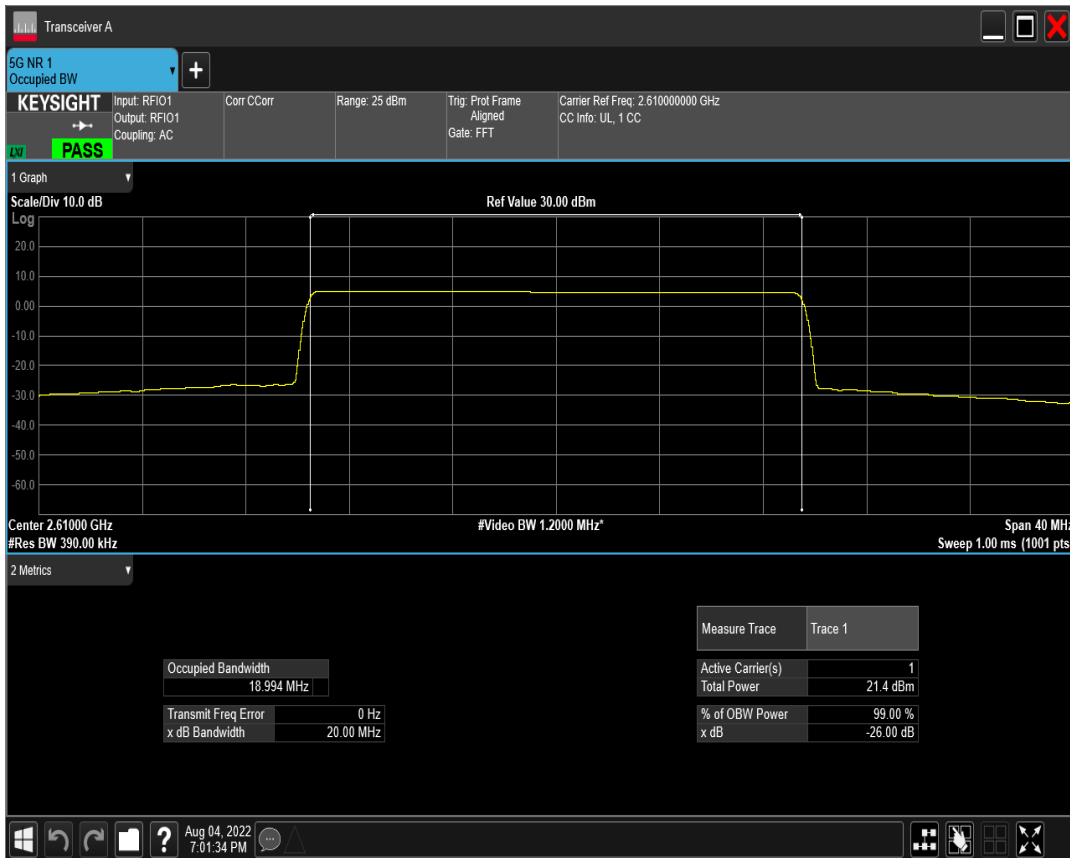
n38 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=522000 RB=100@0



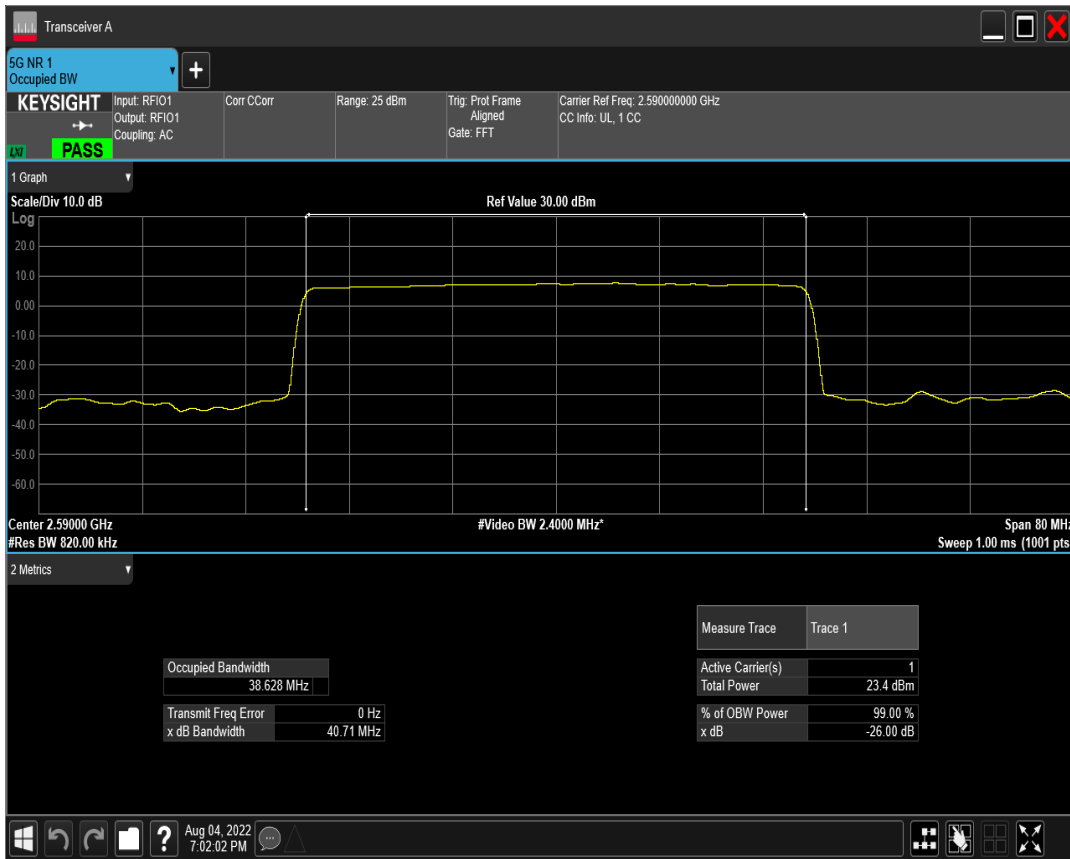
n38 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=522000 RB=100@0



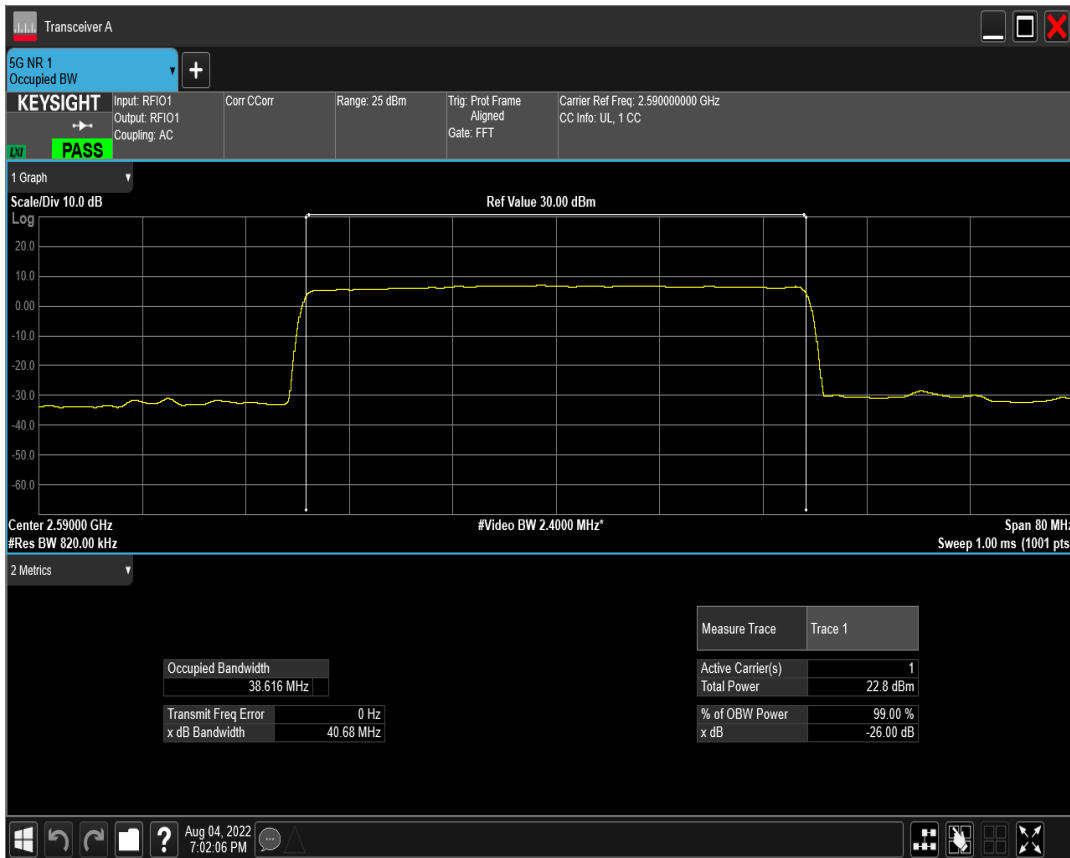
n38 SCS=15kHz CP\_QPSK BW=20MHz Channel=522000 RB=106@0



n38 SCS=15kHz DFT\_BPSK BW=40MHz Channel=518000 RB=216@0



n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=216@0



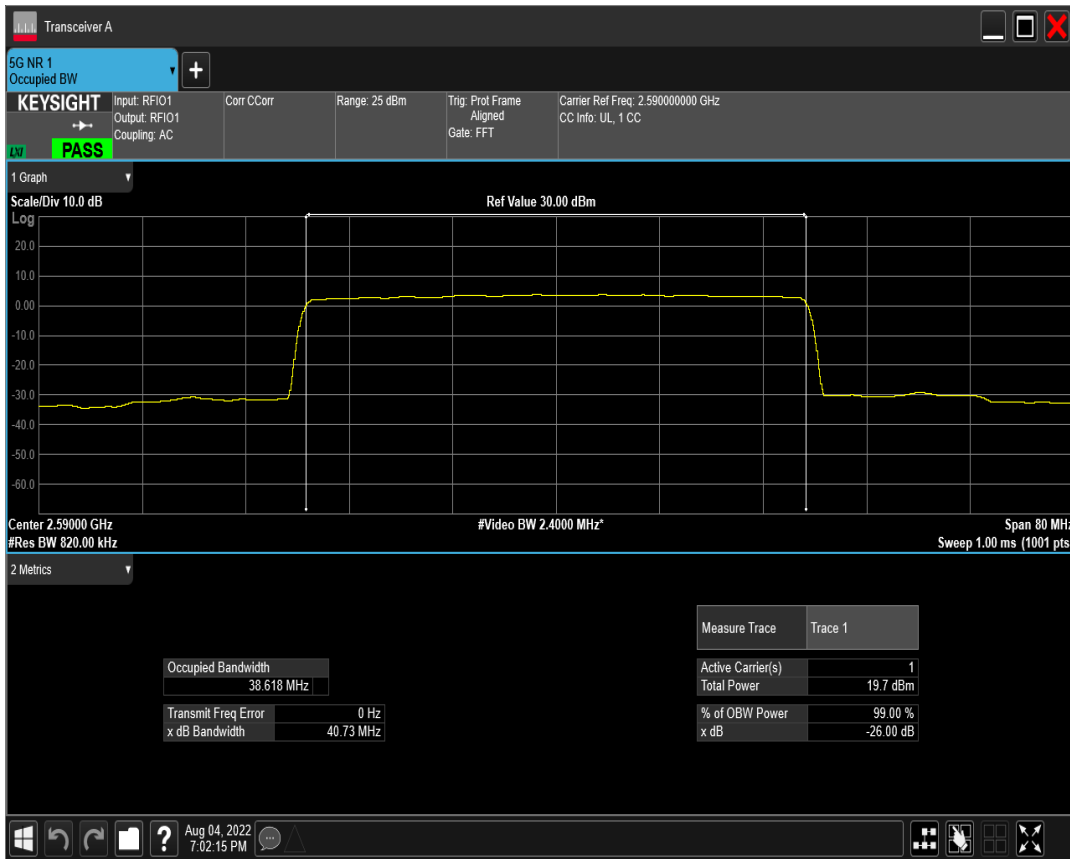
n38 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=518000 RB=216@0



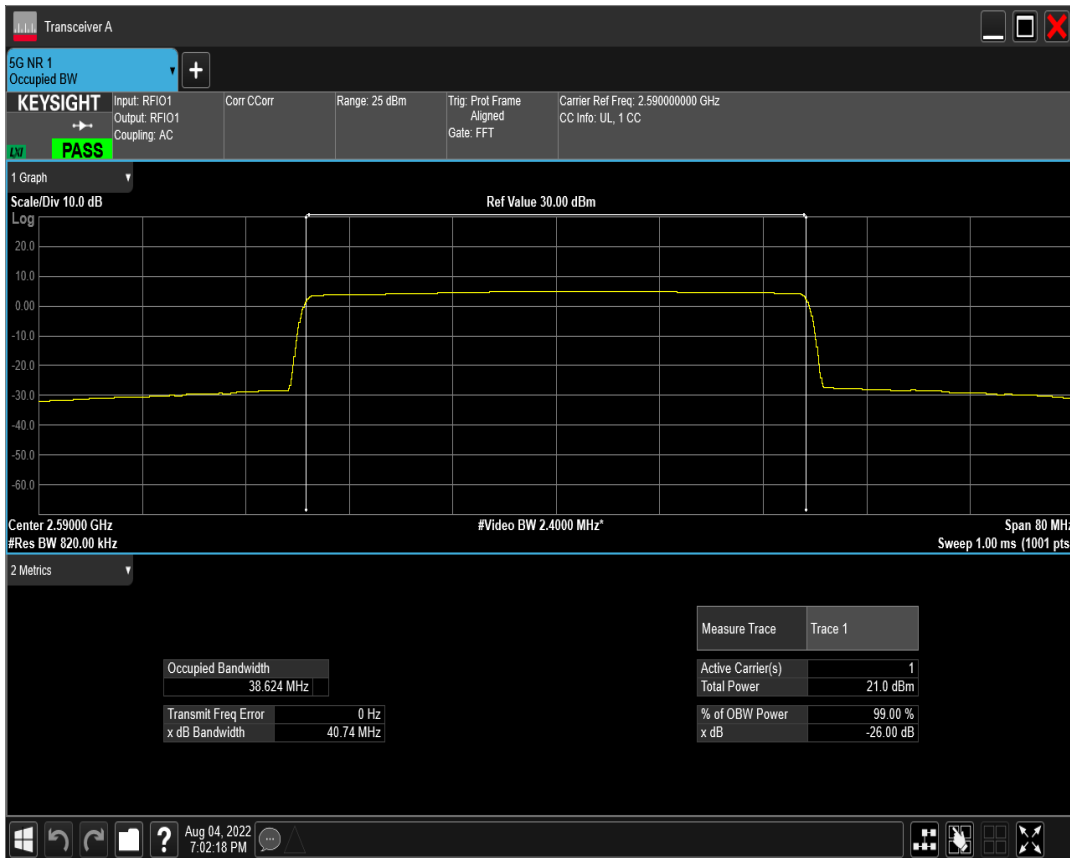
n38 SCS=15kHz DFT\_QAM64 BW=40MHz Channel=518000 RB=216@0



n38 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=518000 RB=216@0



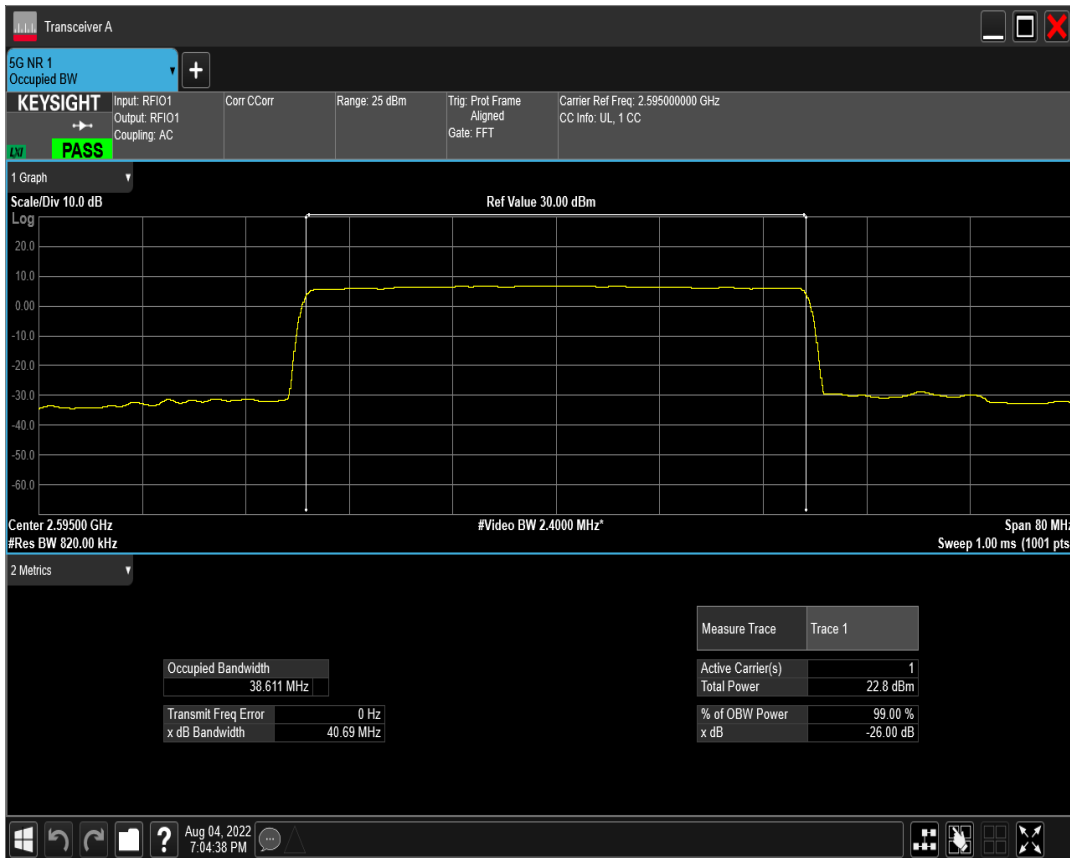
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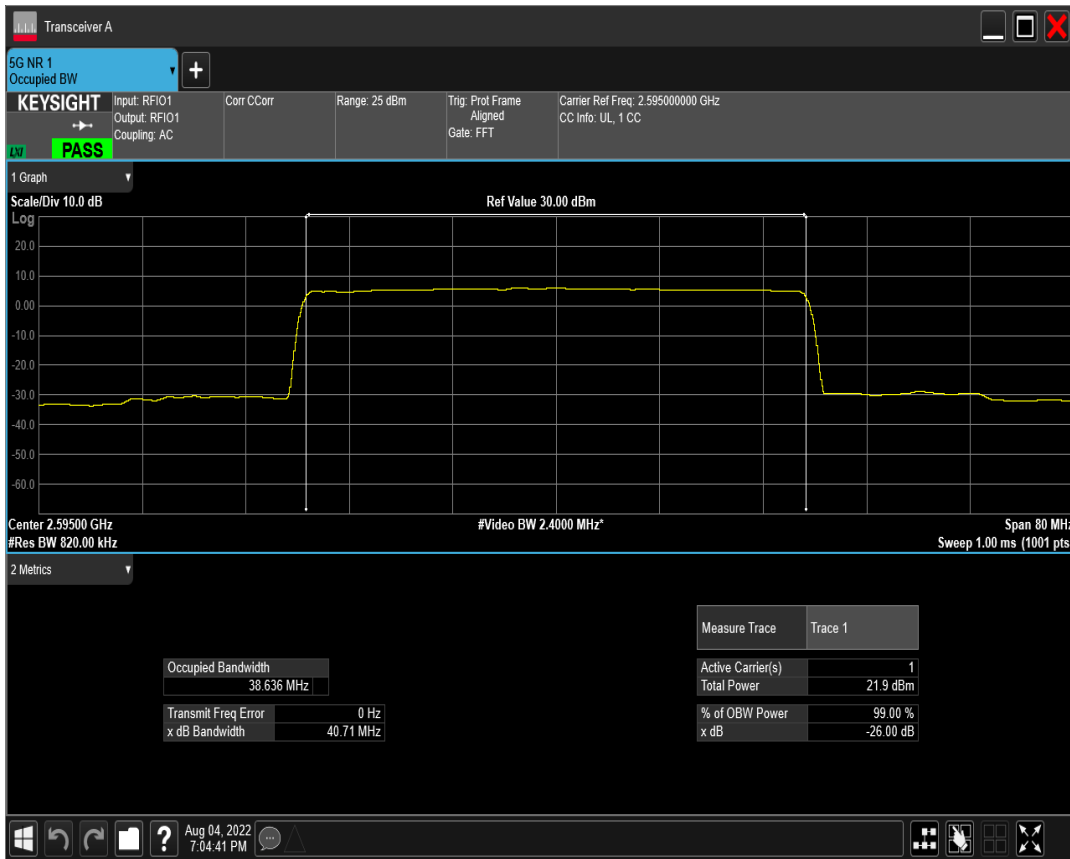
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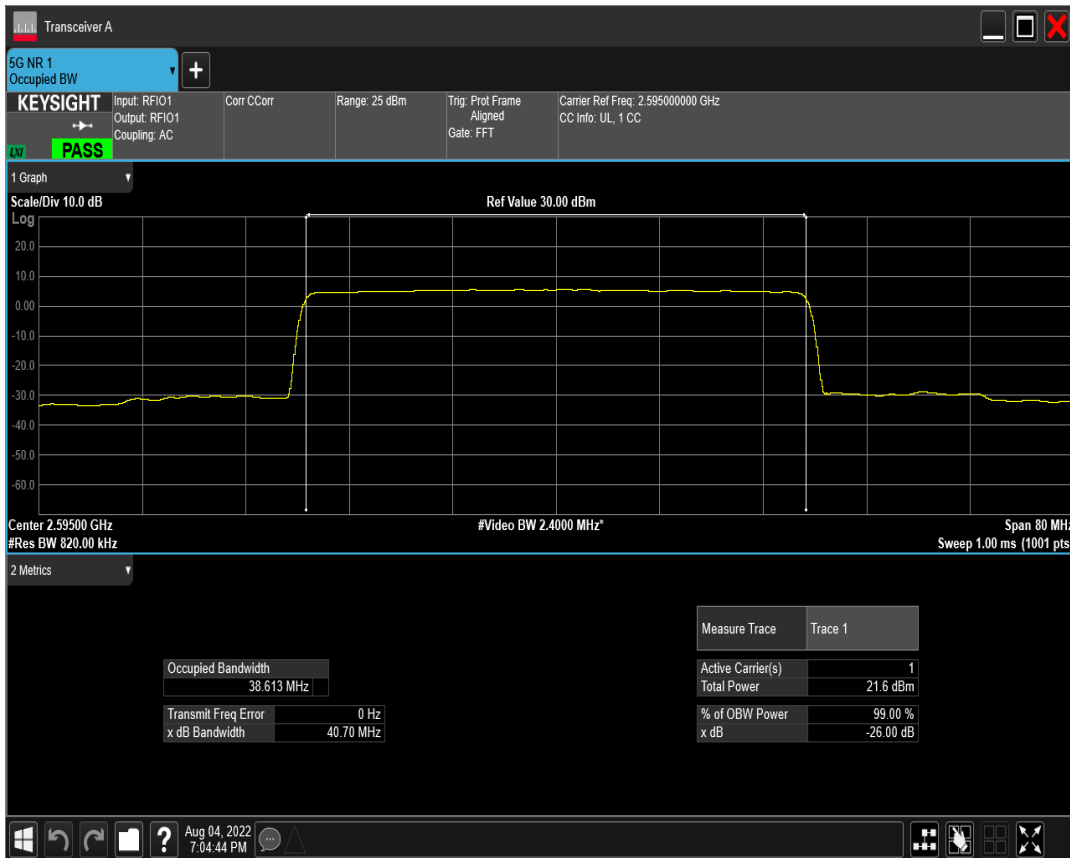
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=216@0



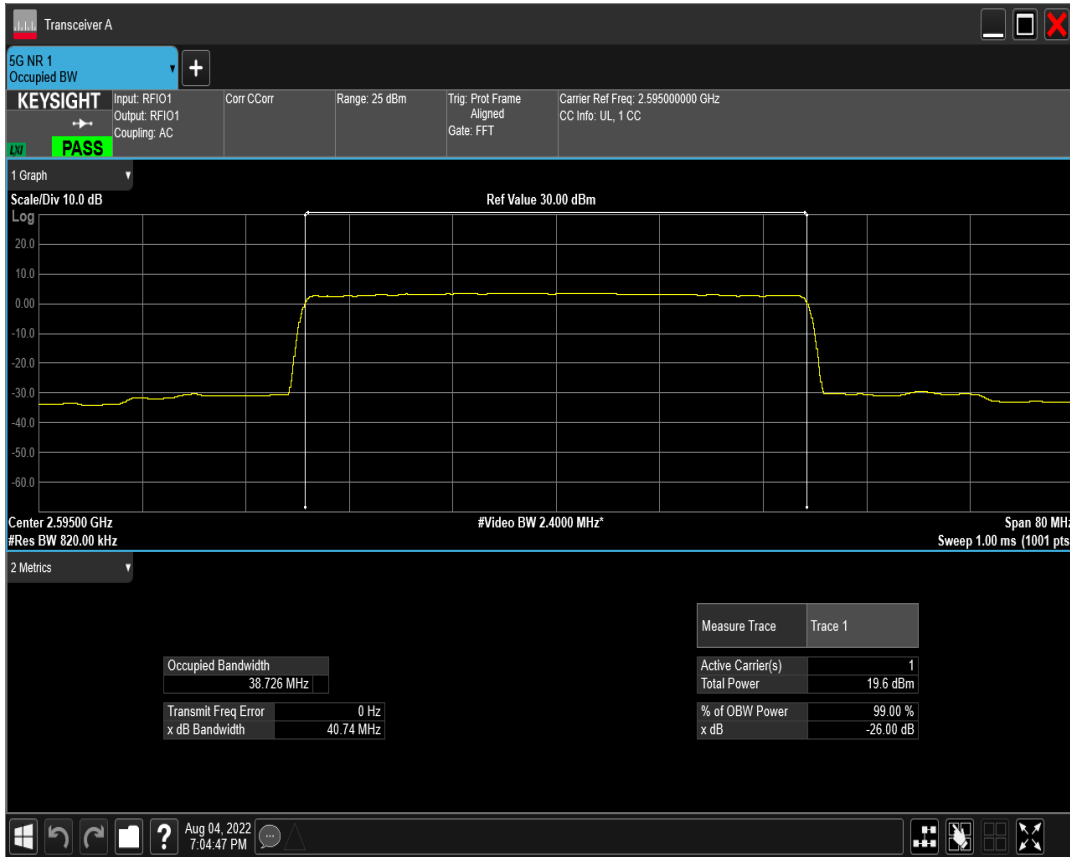
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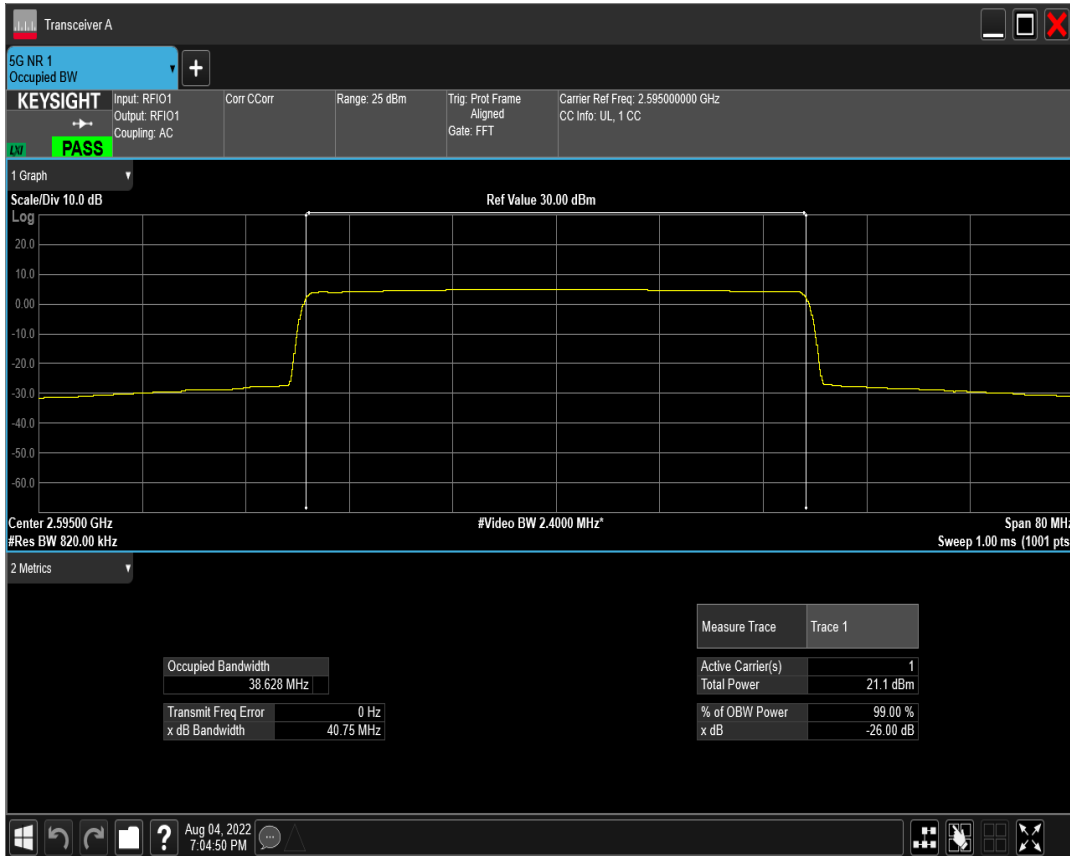
n38 SCS=15kHz DFT\_QAM64 BW=40MHz Channel=519000 RB=216@0



n38 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=216@0

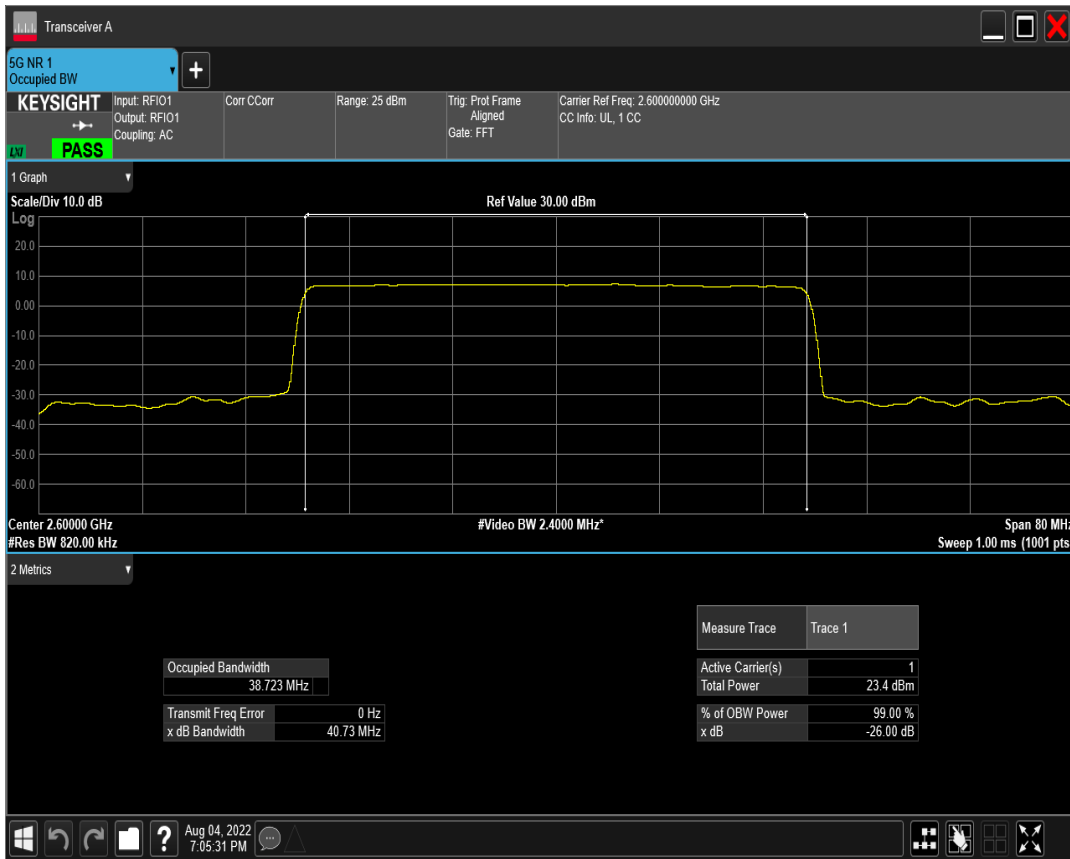


n38 SCS=15kHz CP\_QPSK BW=40MHz Channel=519000 RB=216@0

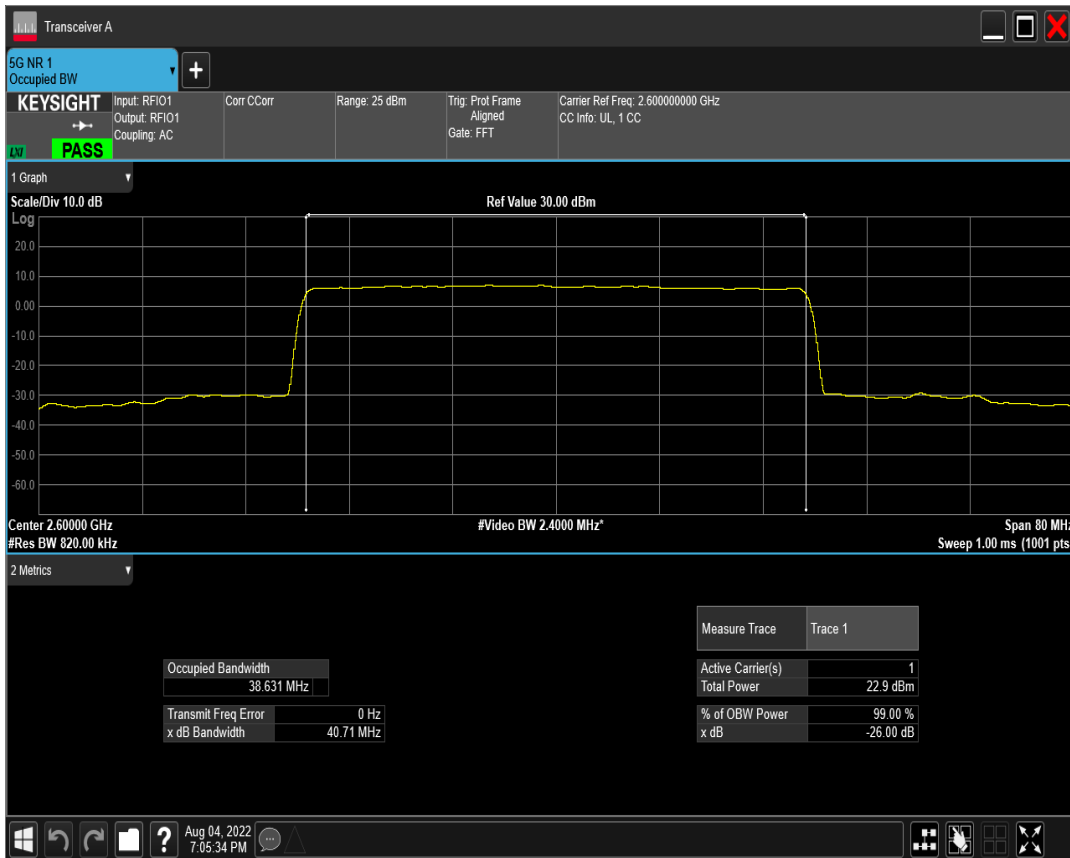




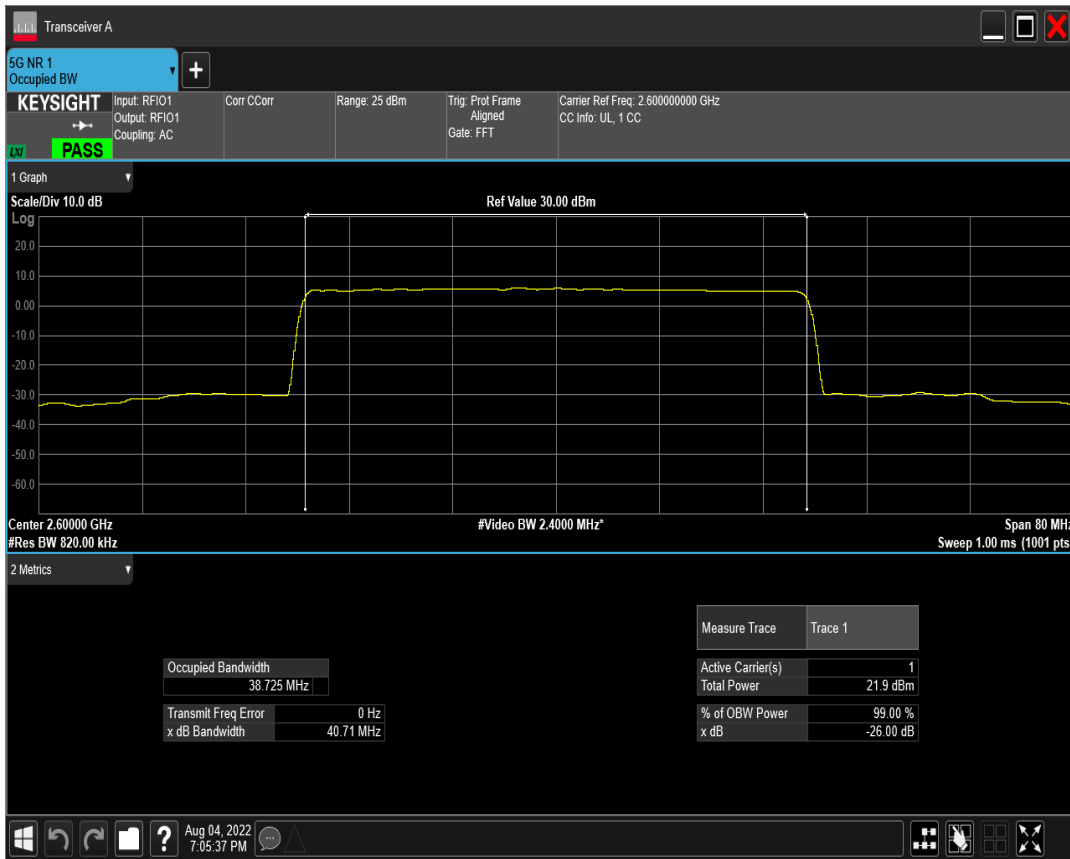
n38 SCS=15kHz DFT\_BPSK BW=40MHz Channel=520000 RB=216@0



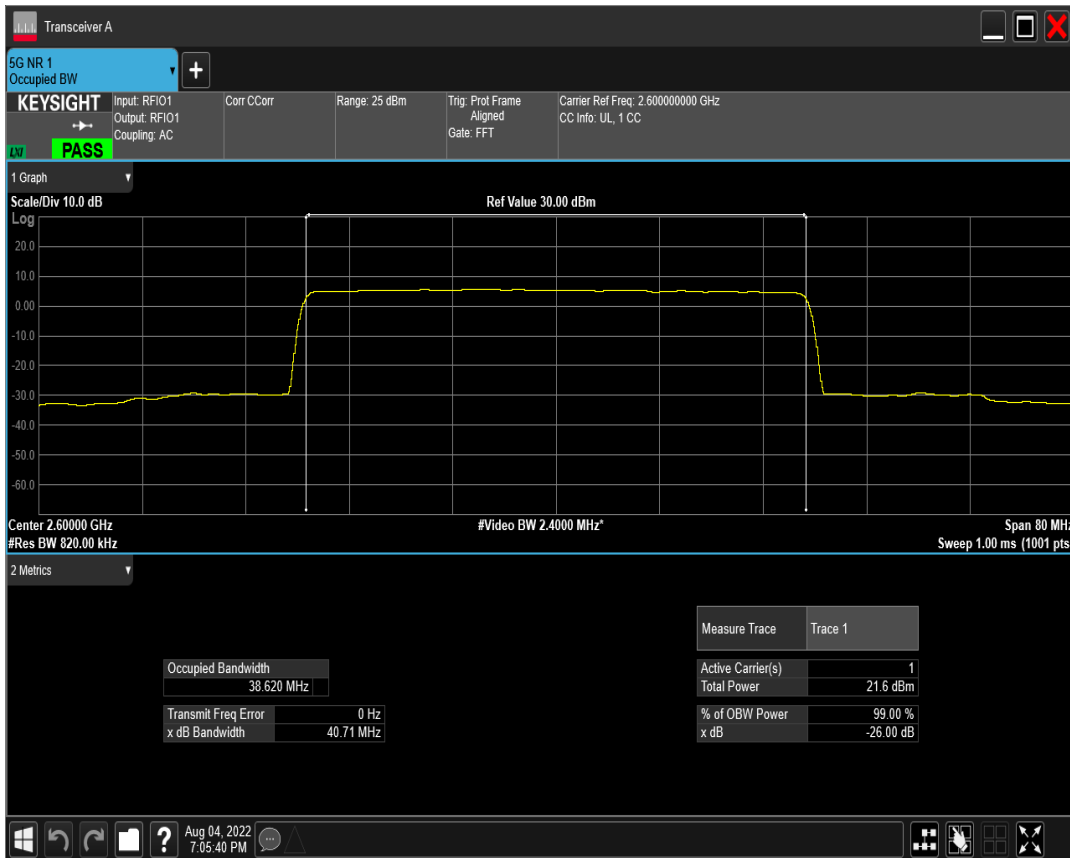
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=216@0



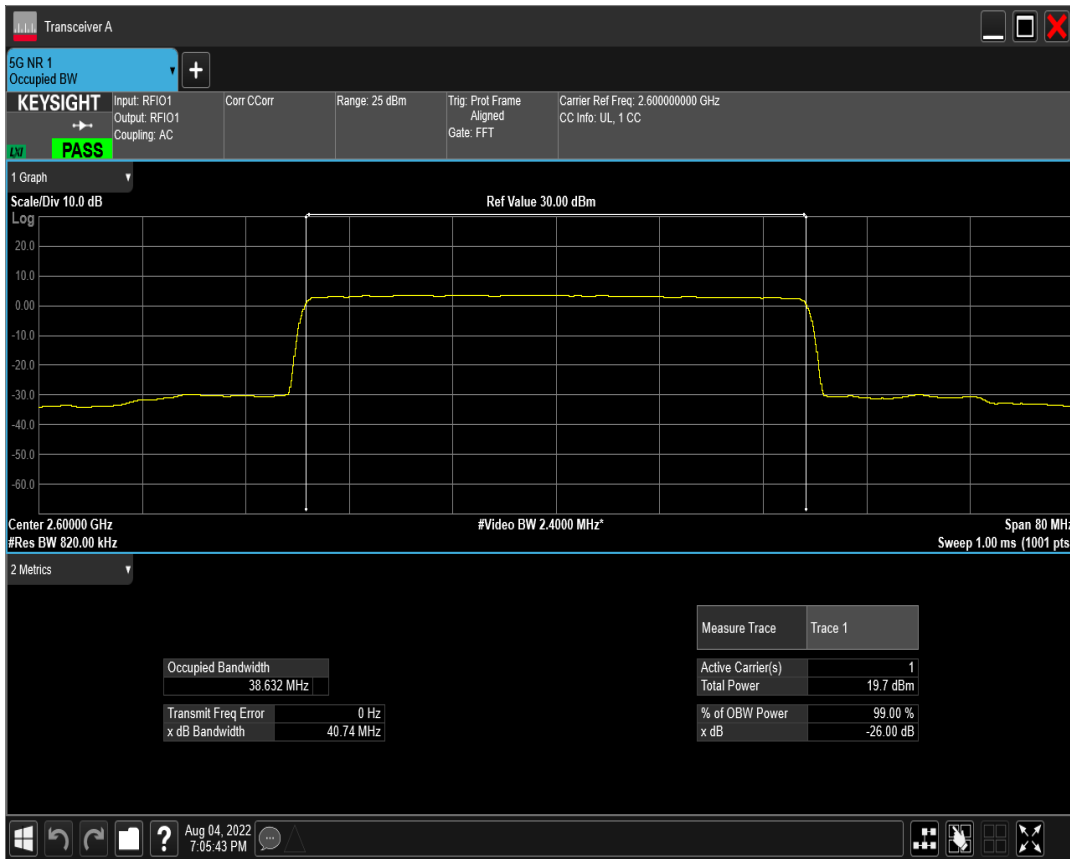
n38 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=520000 RB=216@0



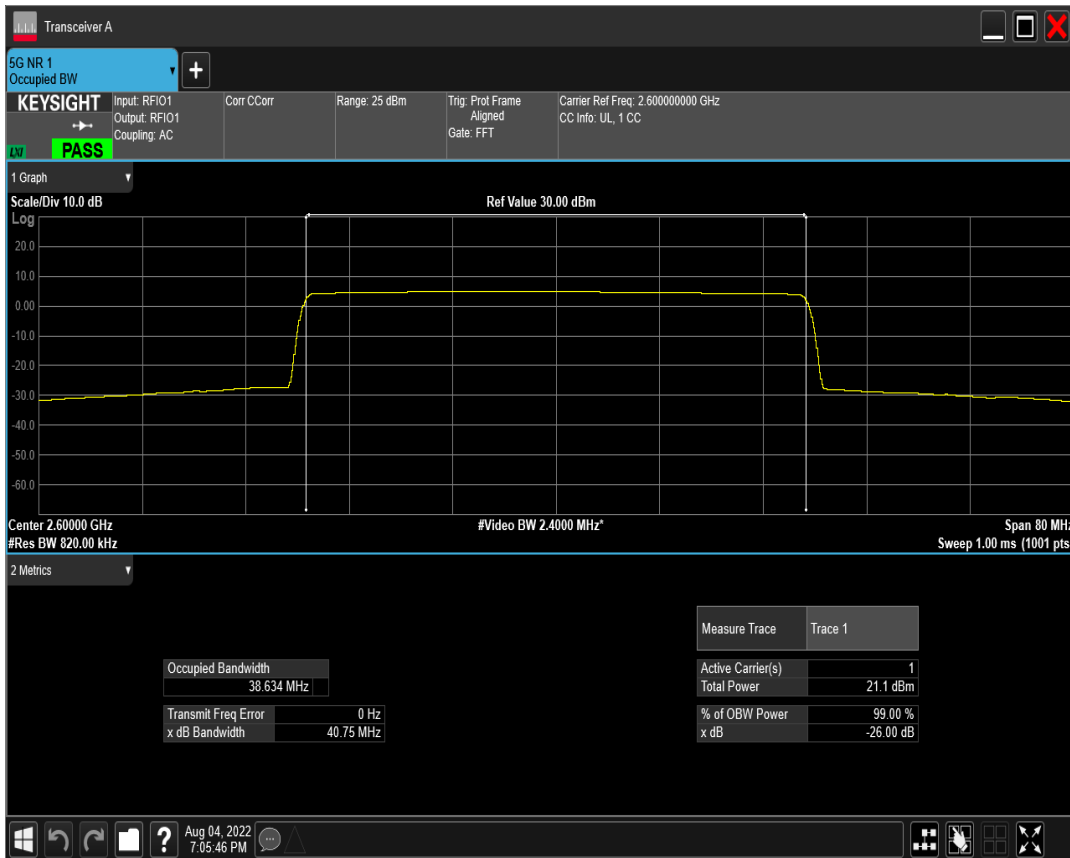
n38 SCS=15kHz DFT\_QAM64 BW=40MHz Channel=520000 RB=216@0



n38 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=520000 RB=216@0



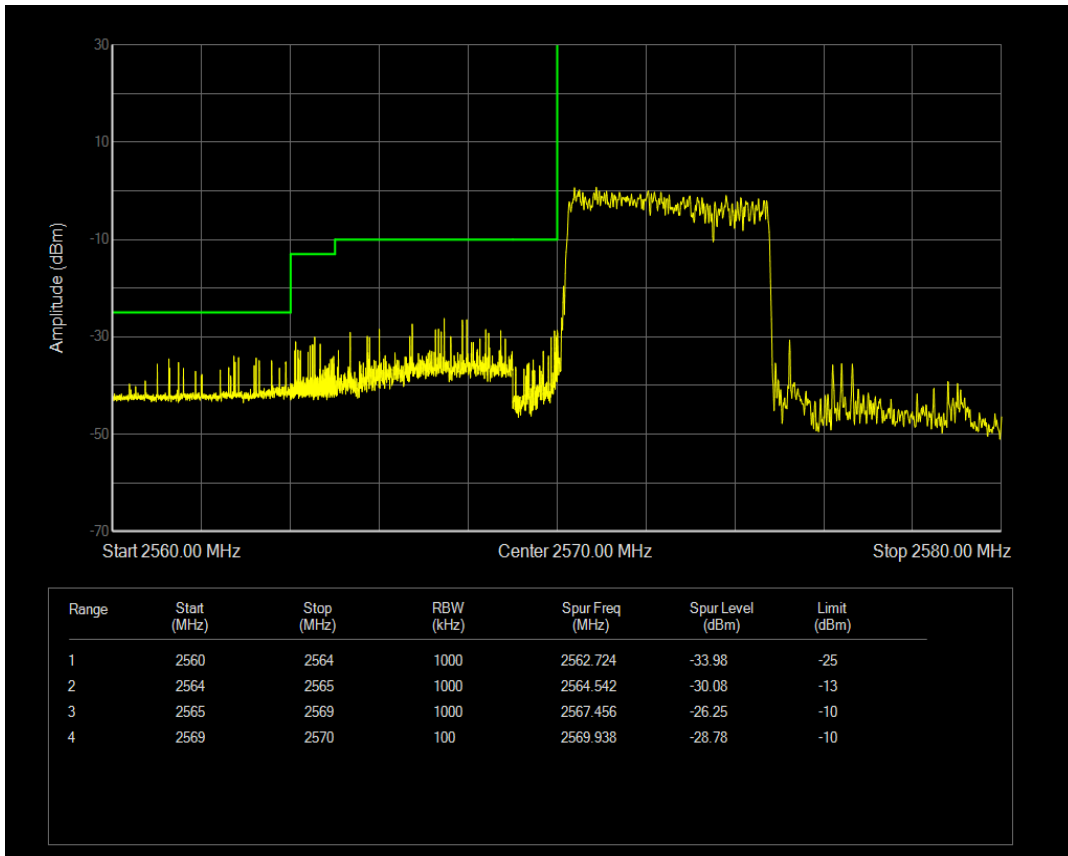
n38 SCS=15kHz CP\_QPSK BW=40MHz Channel=520000 RB=216@0



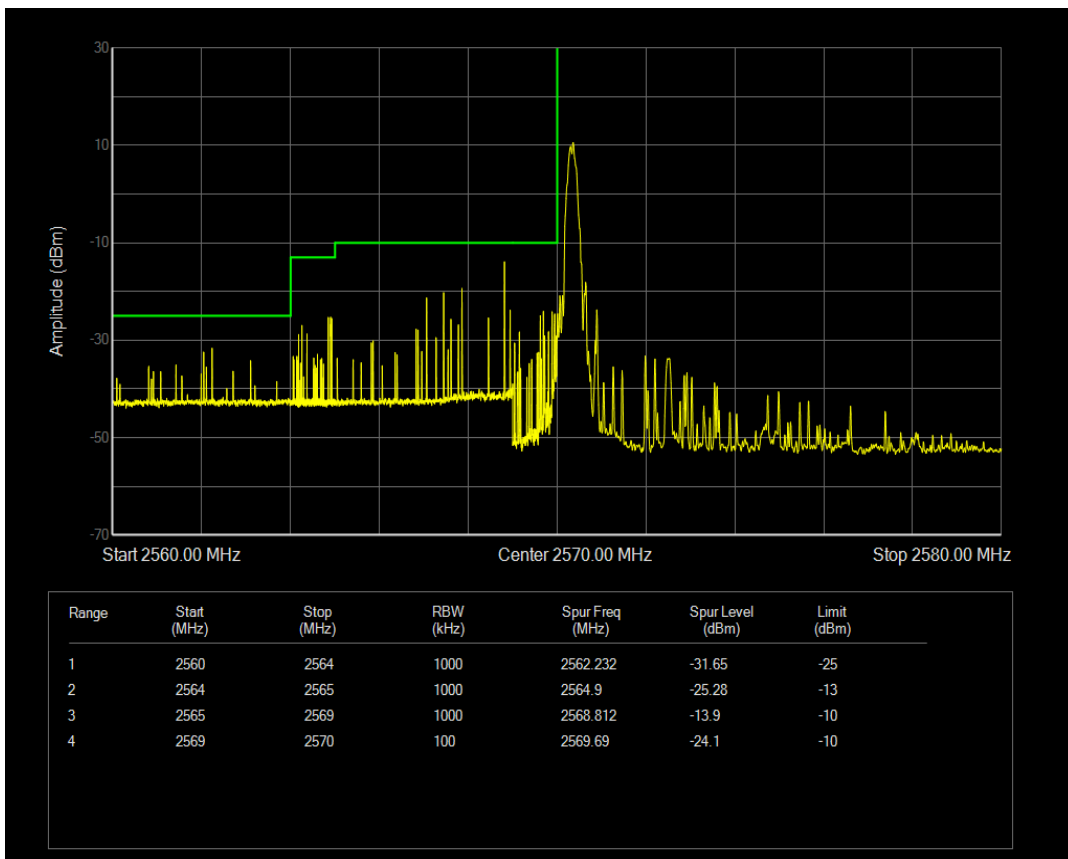
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	15	5	514500	25@0	DFT_QPSK	2562.72	-33.98	-25	PASS
n38	15	5	514500	1@0	DFT_QPSK	2568.81	-13.90	-10	PASS
n38	15	5	523500	25@0	DFT_QPSK	2626.56	-29.97	-25	PASS
n38	15	5	523500	1@24	DFT_QPSK	2621.24	-14.19	-10	PASS
n38	15	40	518000	216@0	DFT_QPSK	2569.97	-16.36	-10	PASS
n38	15	40	518000	1@0	DFT_QPSK	2568.97	-19.22	-10	PASS
n38	15	40	520000	216@0	DFT_QPSK	2620.02	-15.45	-10	PASS
n38	15	40	520000	1@215	DFT_QPSK	2621.56	-23.63	-10	PASS

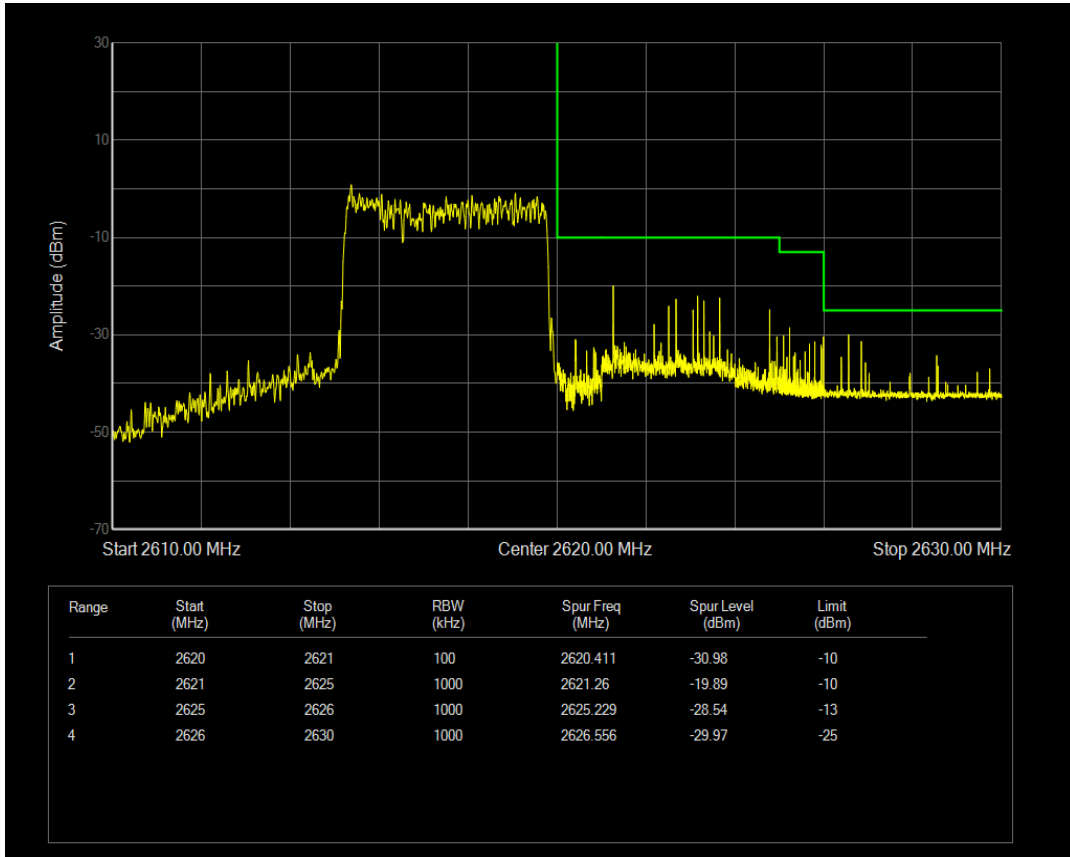
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=25@0



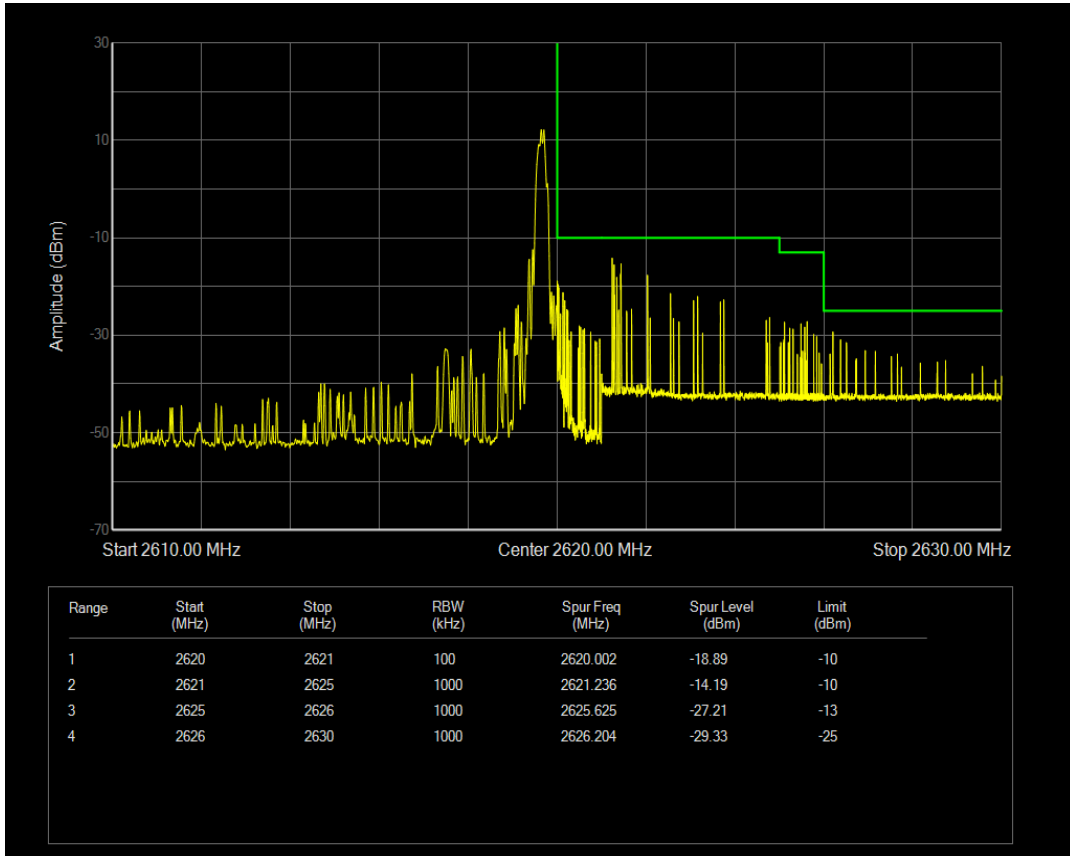
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@0



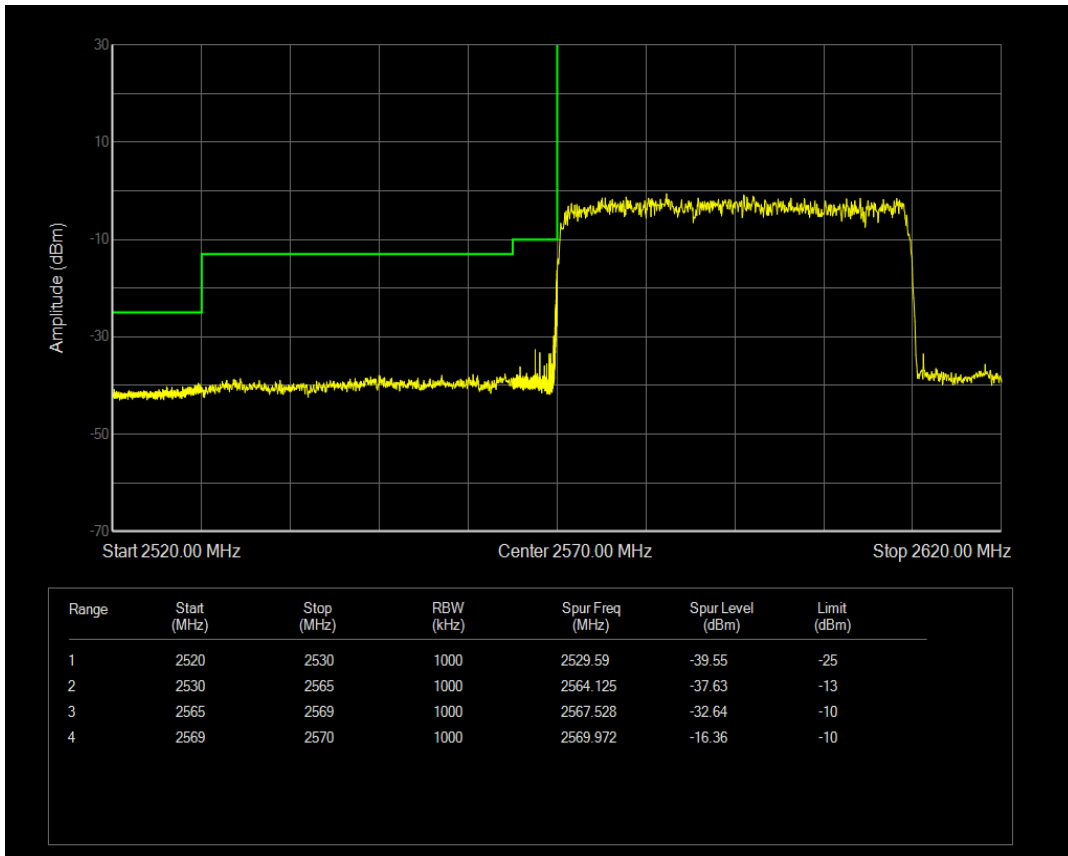
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=25@0



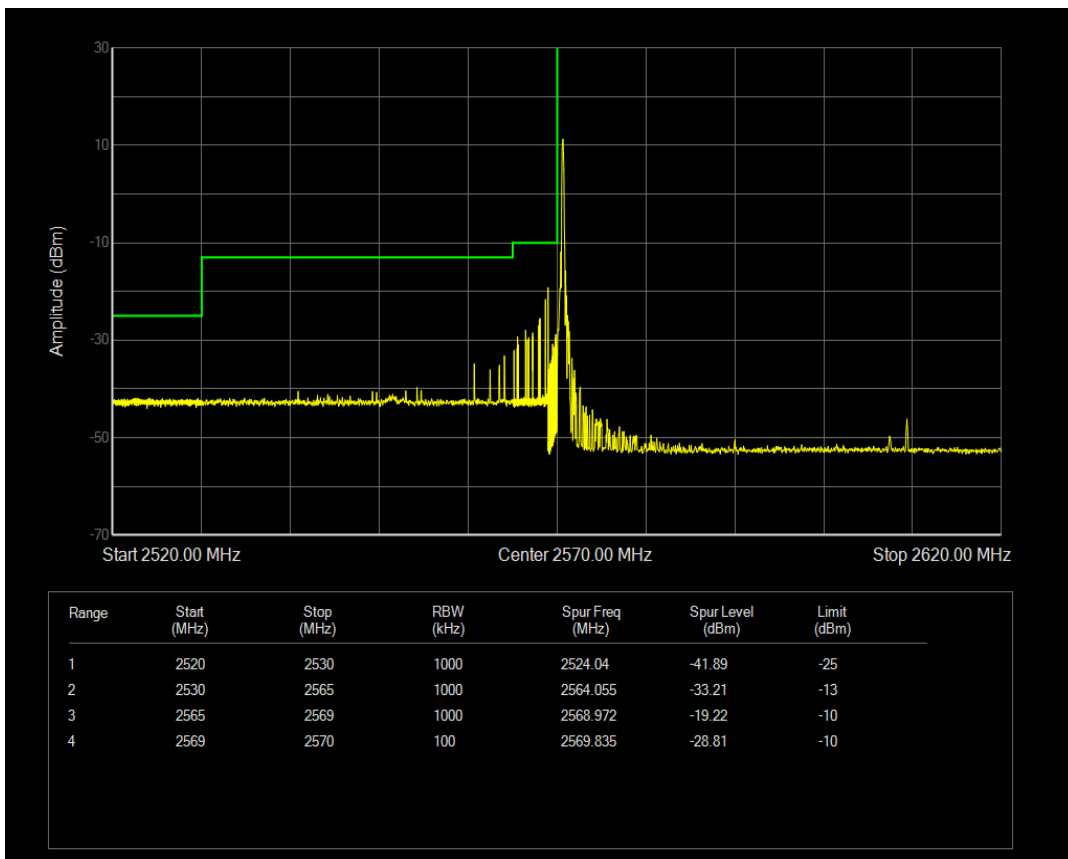
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=1@24



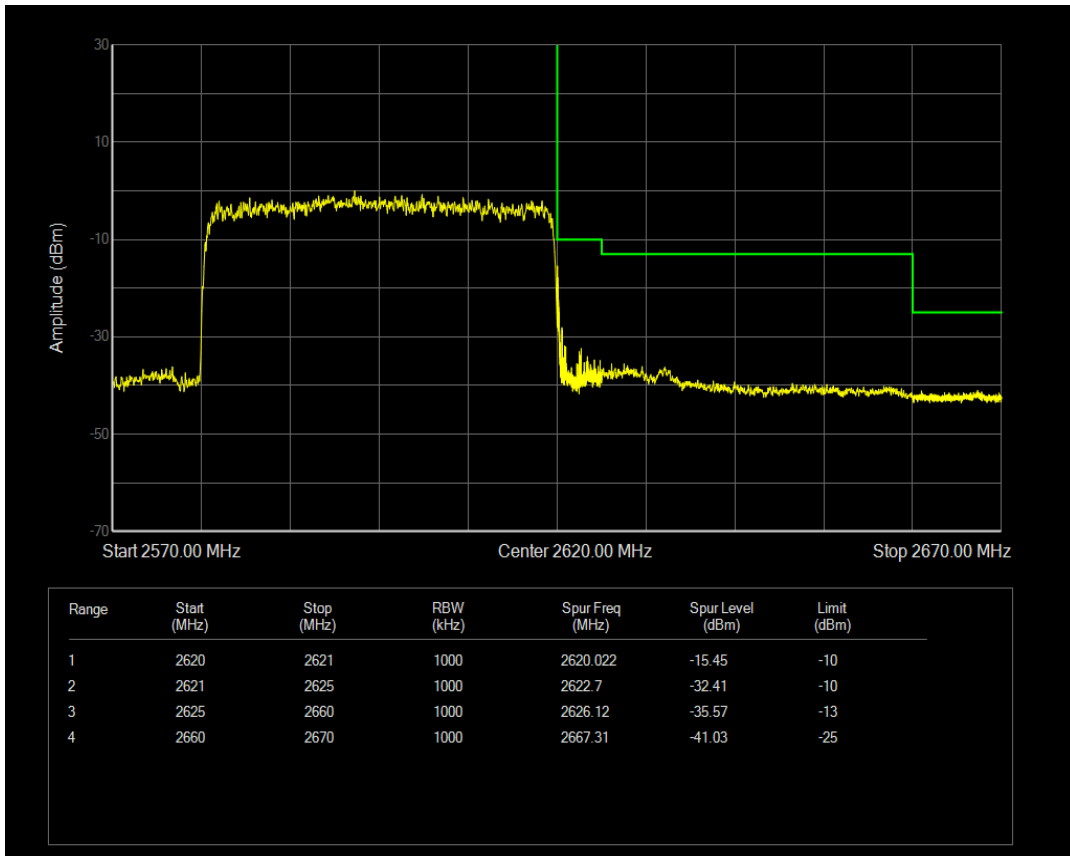
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=216@0



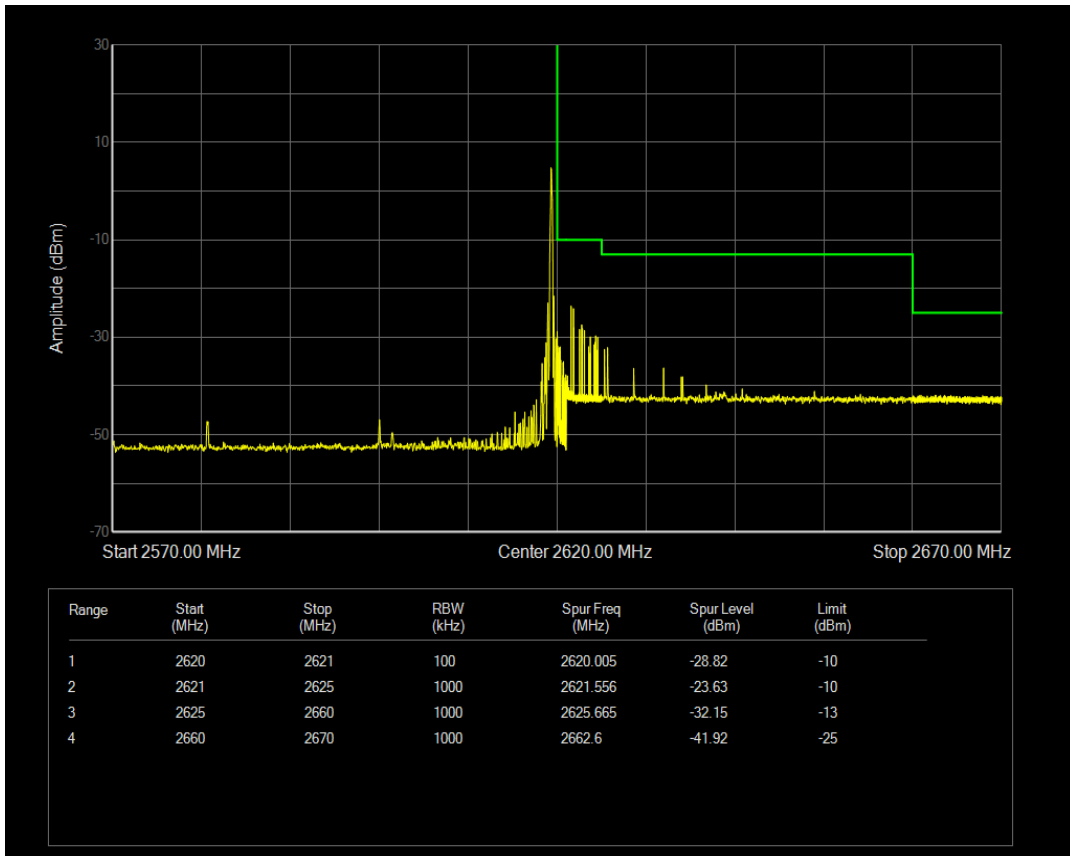
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=216@0



n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1@215

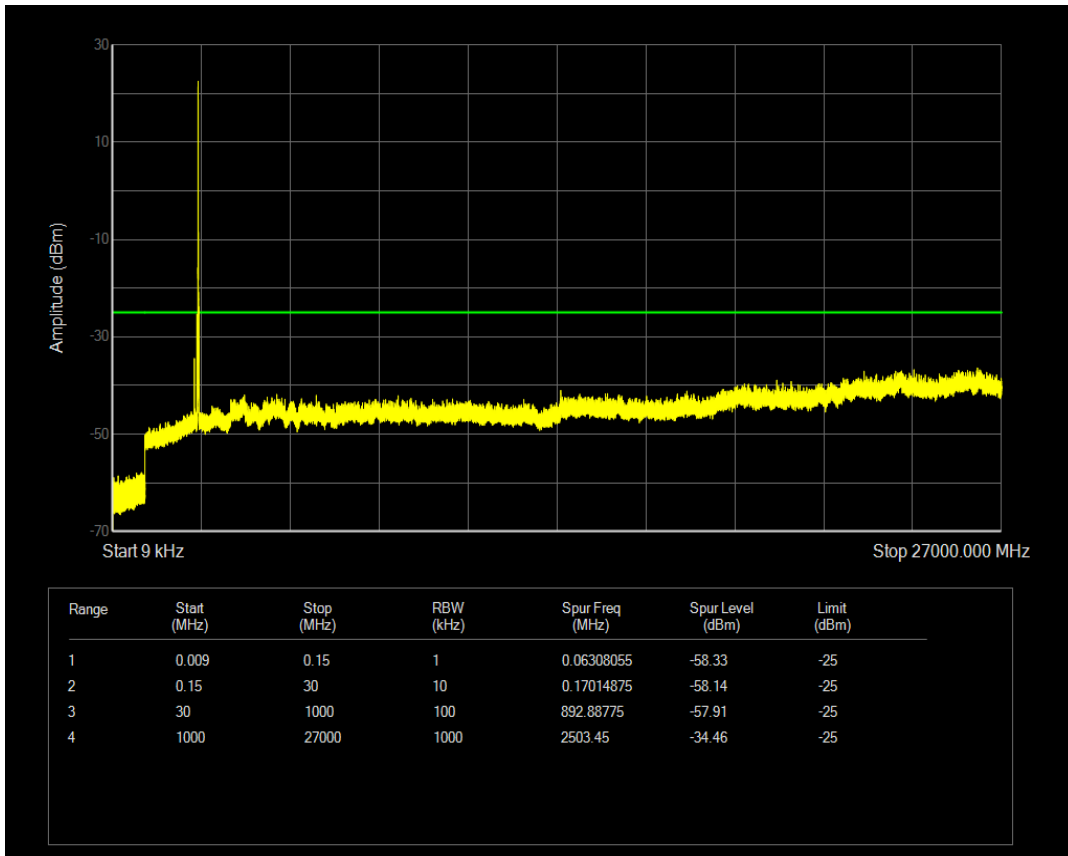




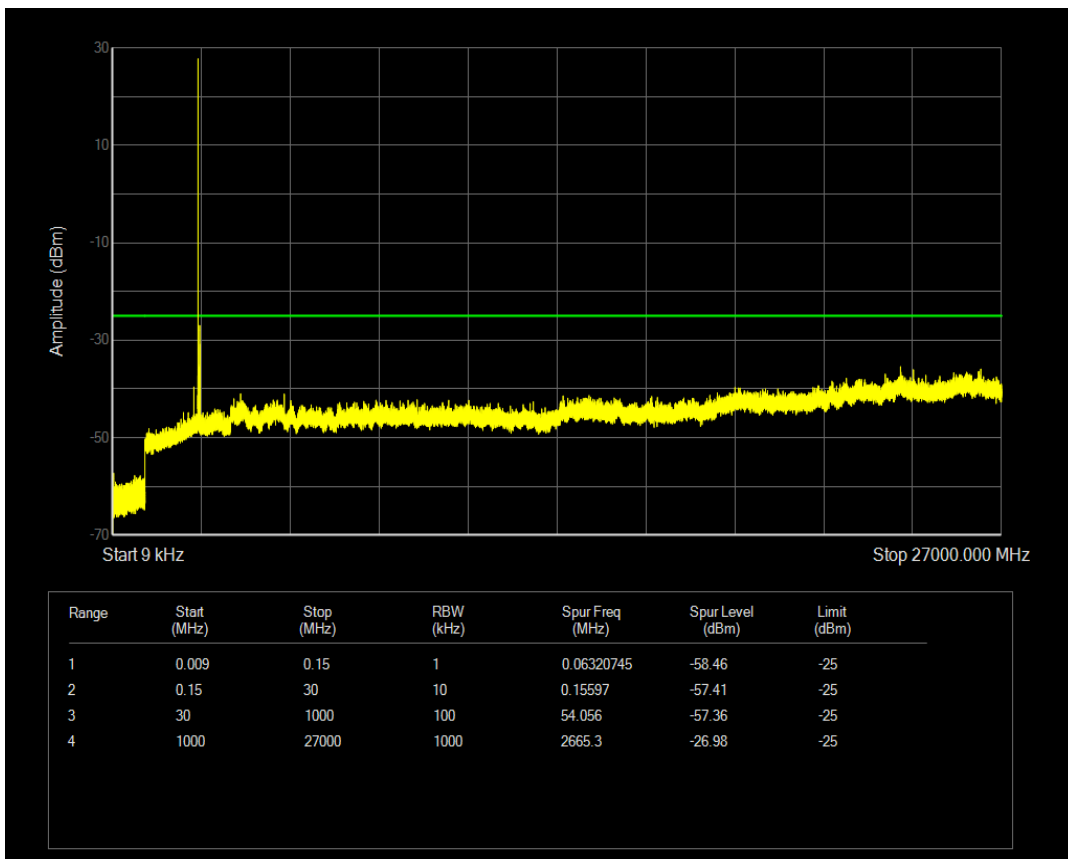
## 6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	15	5	514500	25@0	DFT_QPSK	23893.65	-36.47	-25	PASS
n38	15	5	514500	1@0	DFT_QPSK	2521	-27.65	-25	PASS
n38	15	5	514500	1@24	DFT_QPSK	23922.9	-35.72	-25	PASS
n38	15	5	518500	25@0	DFT_QPSK	2660.75	-32.52	-25	PASS
n38	15	5	518500	1@0	DFT_QPSK	26370.8	-36.7	-25	PASS
n38	15	5	518500	1@24	DFT_QPSK	2506.05	-35.01	-25	PASS
n38	15	5	523500	25@0	DFT_QPSK	2503.45	-34.46	-25	PASS
n38	15	5	523500	1@0	DFT_QPSK	2665.3	-26.98	-25	PASS
n38	15	5	523500	1@24	DFT_QPSK	2530.1	-34.65	-25	PASS
n38	15	40	518000	216@0	DFT_QPSK	23645.35	-36.11	-25	PASS
n38	15	40	518000	1@0	DFT_QPSK	25945.05	-36.14	-25	PASS
n38	15	40	518000	1@215	DFT_QPSK	25651.9	-36.49	-25	PASS
n38	15	40	519000	216@0	DFT_QPSK	26207.65	-36.28	-25	PASS
n38	15	40	519000	1@0	DFT_QPSK	26329.2	-35.64	-25	PASS
n38	15	40	519000	1@215	DFT_QPSK	23909.25	-36.35	-25	PASS
n38	15	40	520000	216@0	DFT_QPSK	25776.7	-35.77	-25	PASS
n38	15	40	520000	1@0	DFT_QPSK	26332.45	-36.04	-25	PASS
n38	15	40	520000	1@215	DFT_QPSK	25943.75	-36.19	-25	PASS

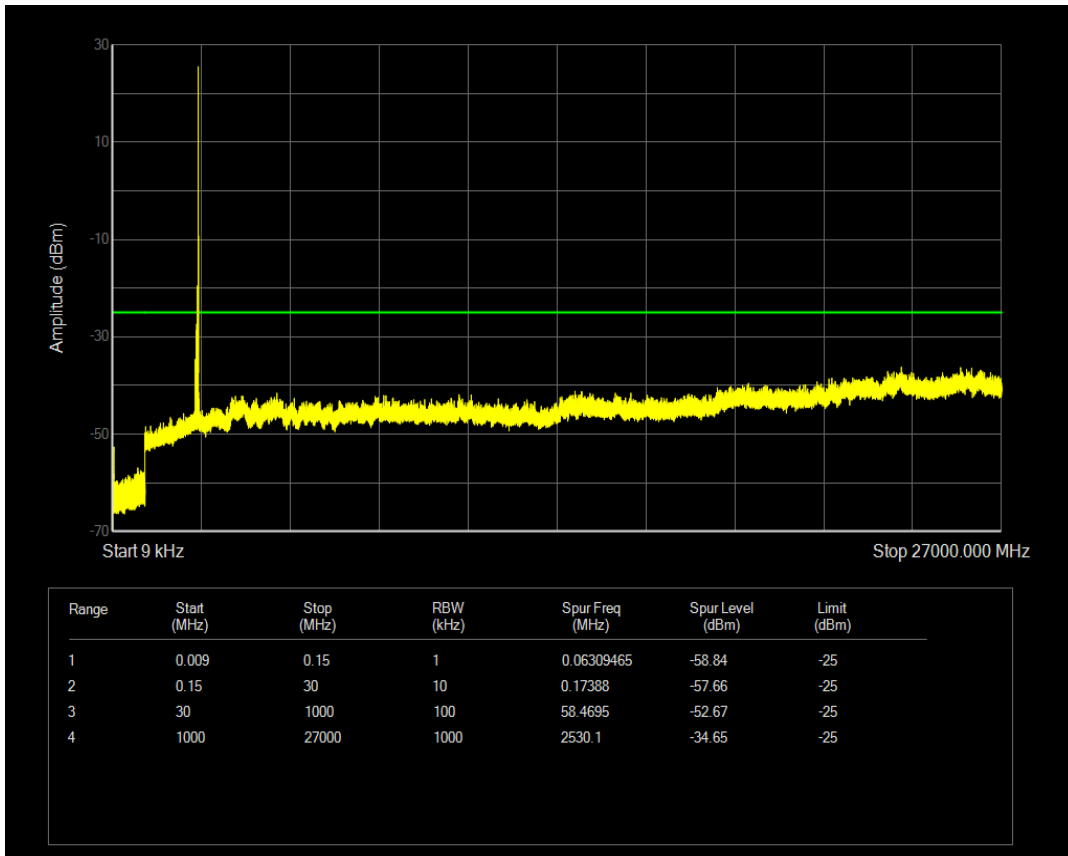
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=25@0



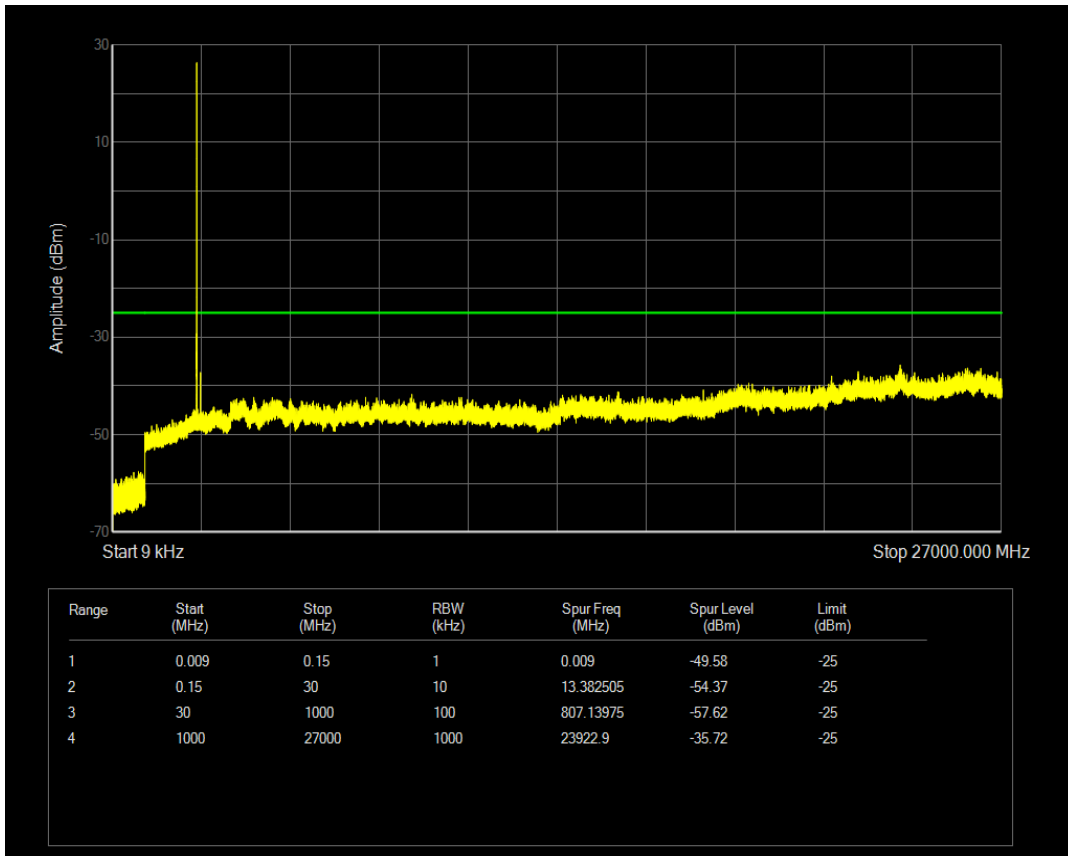
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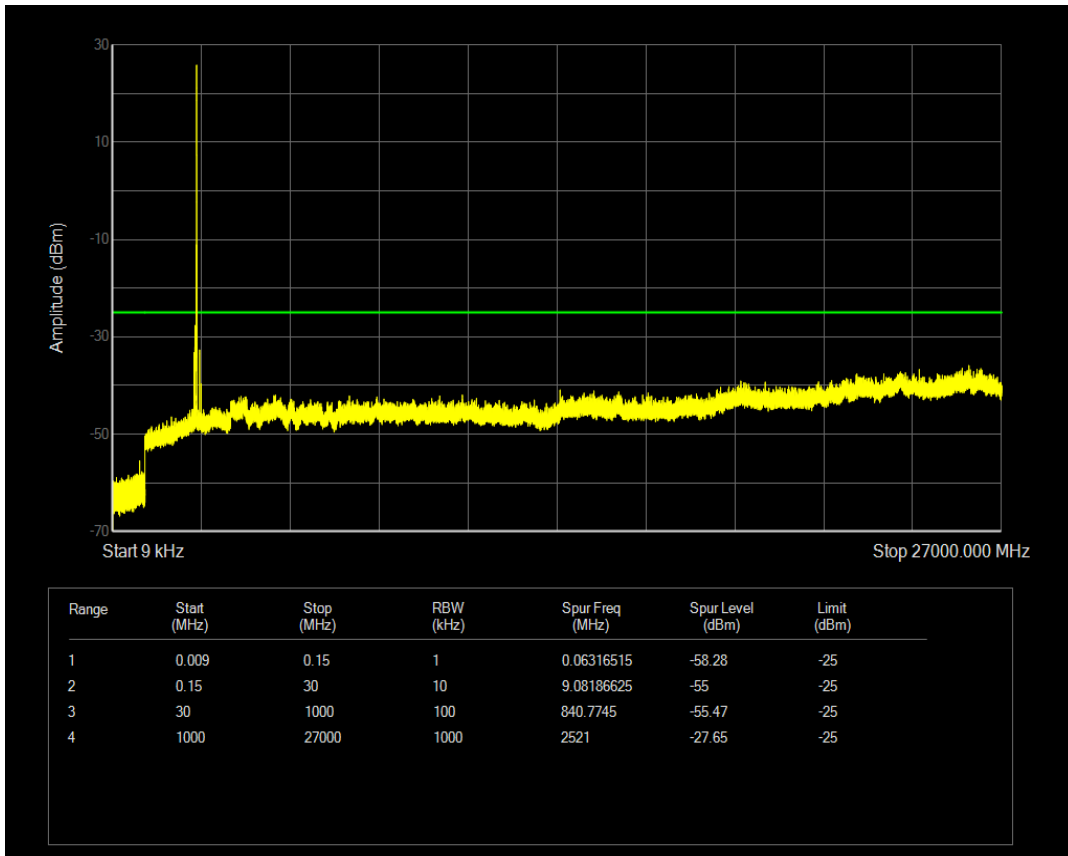
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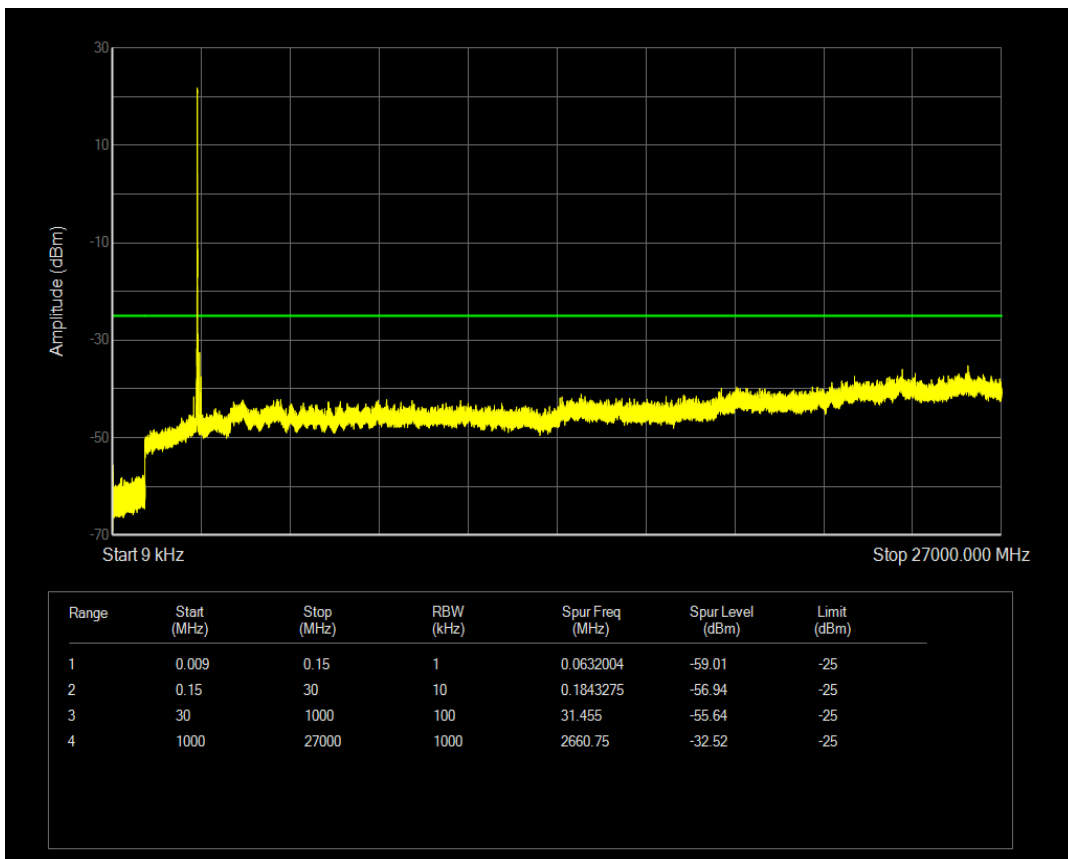
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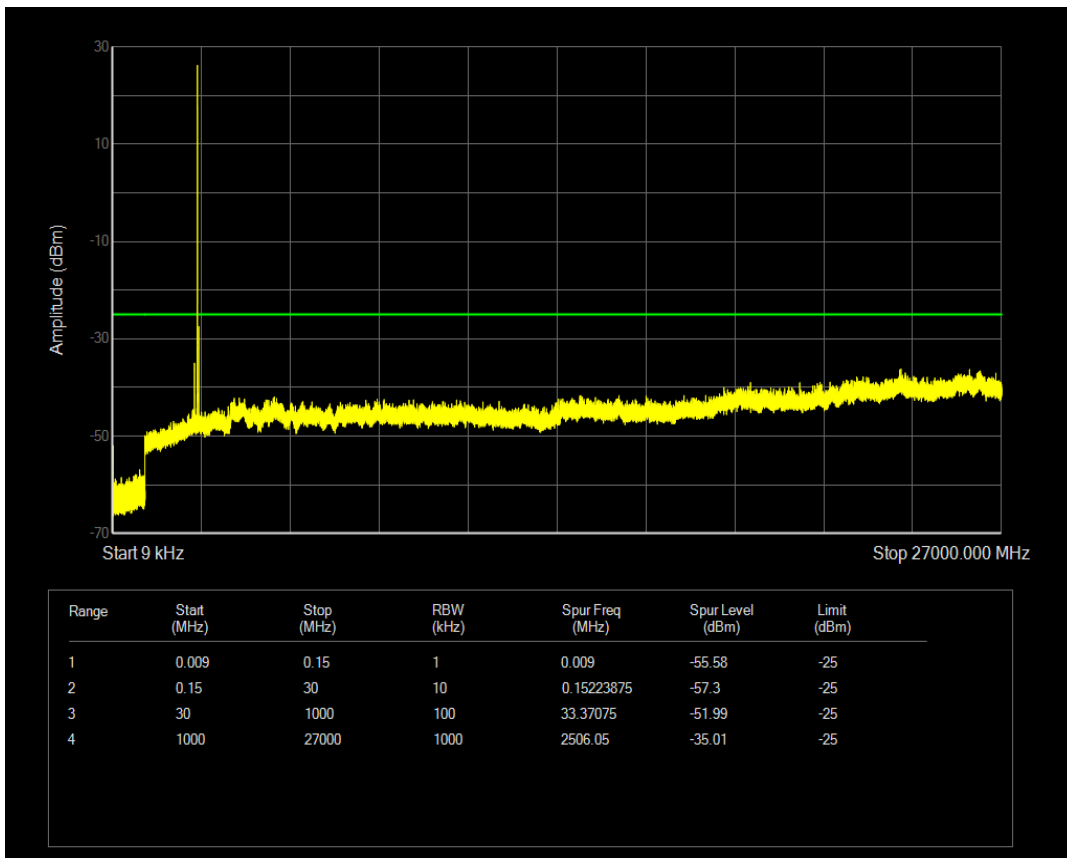
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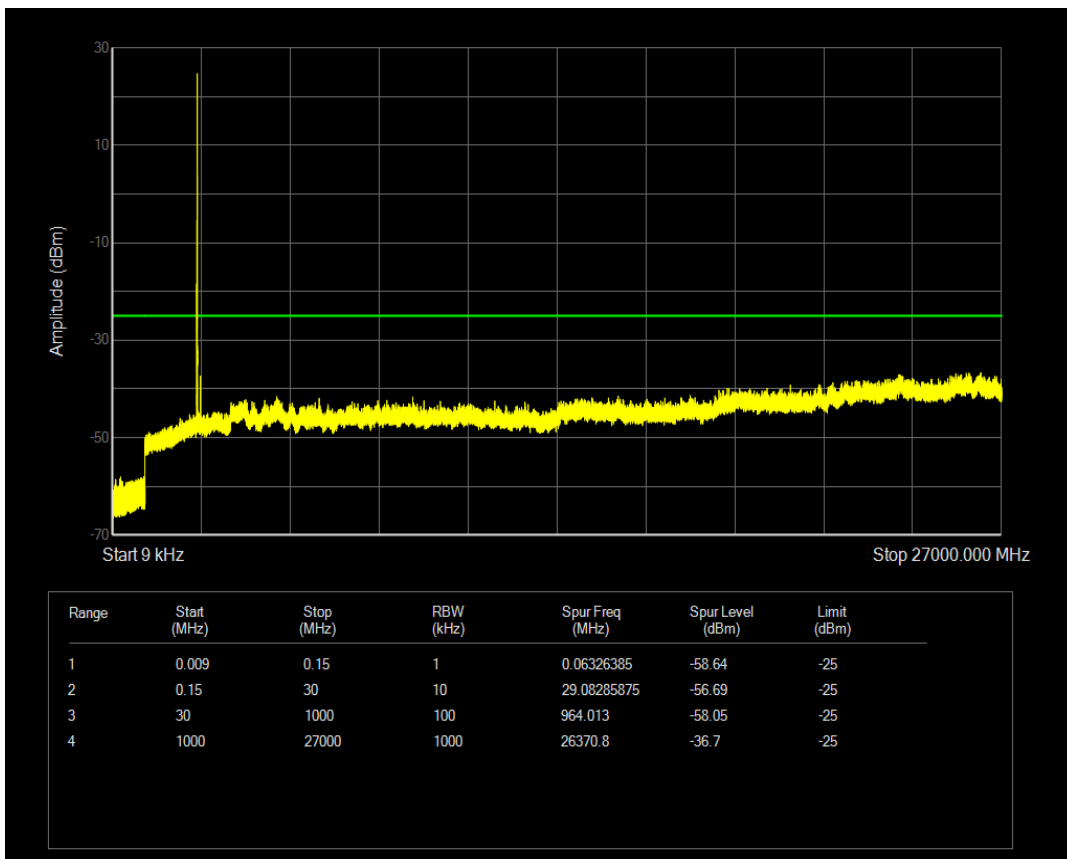
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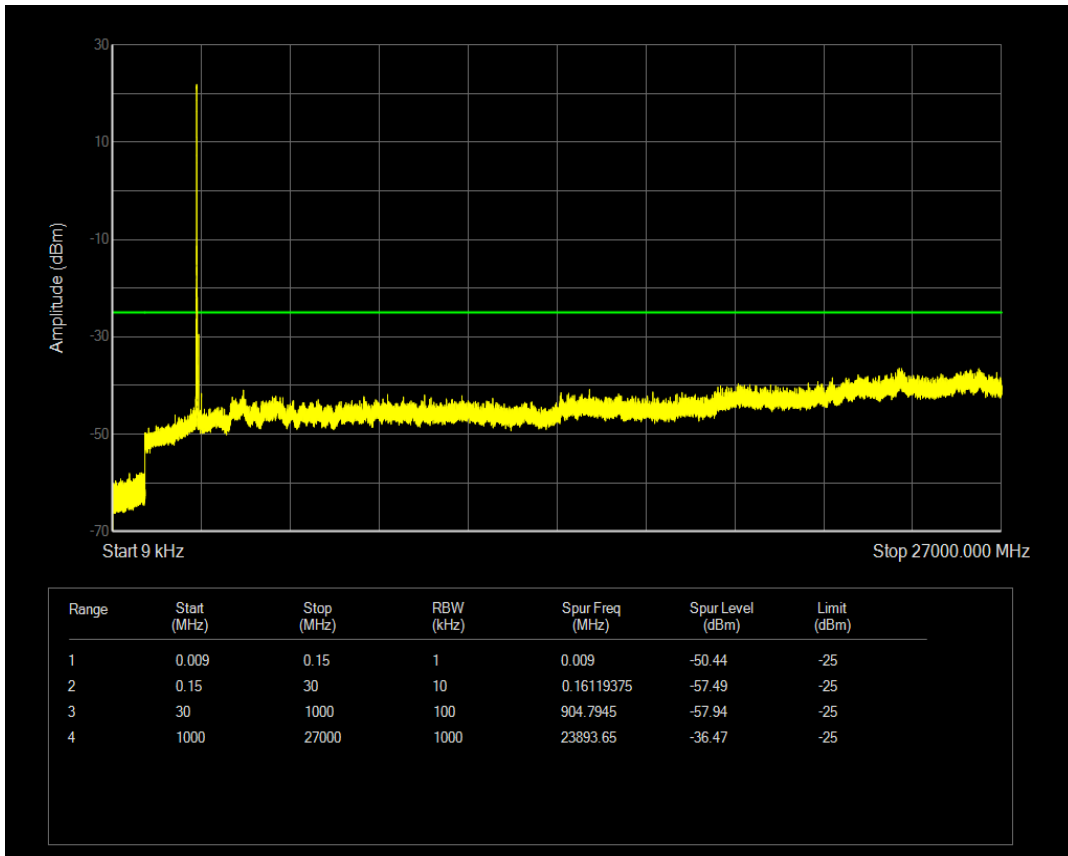
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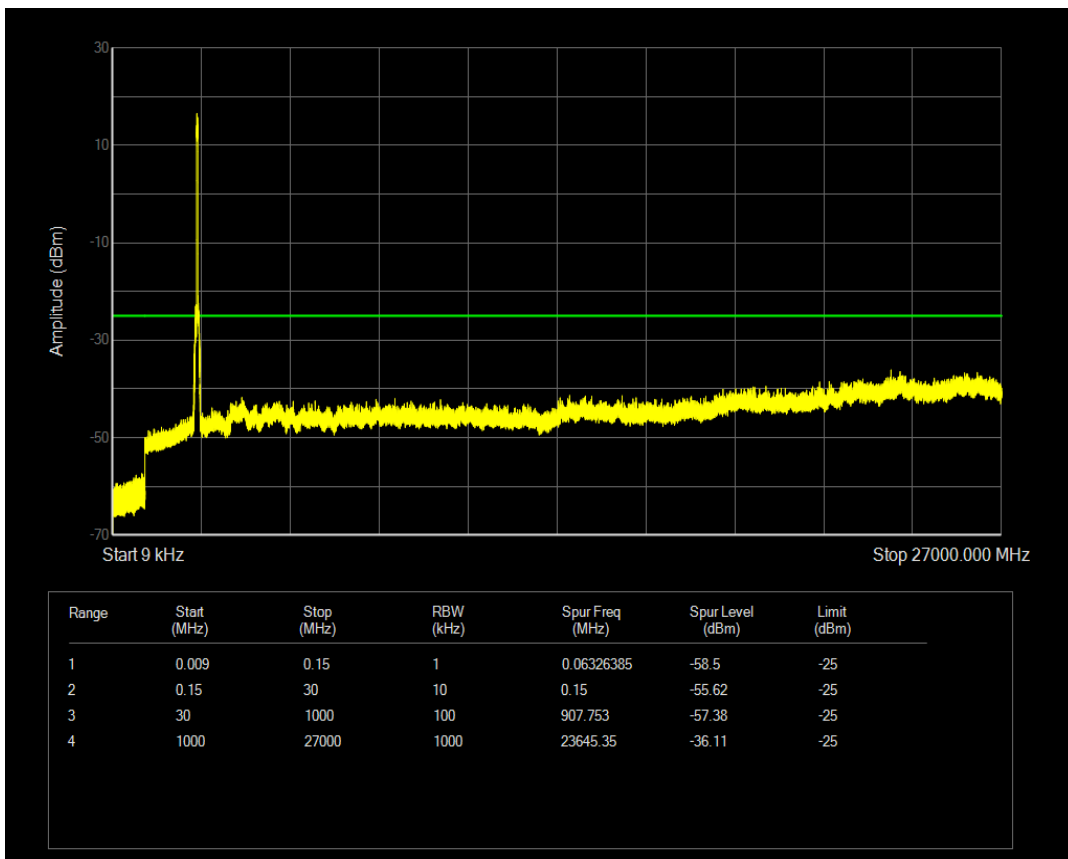
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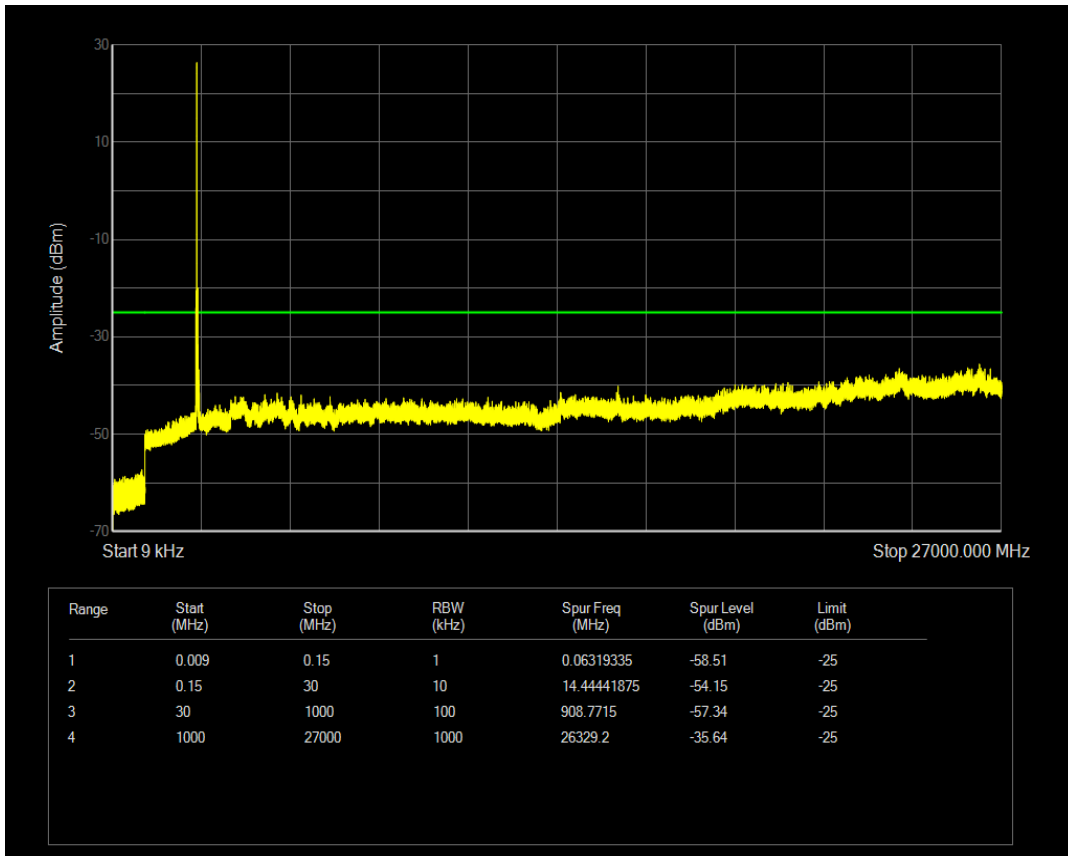
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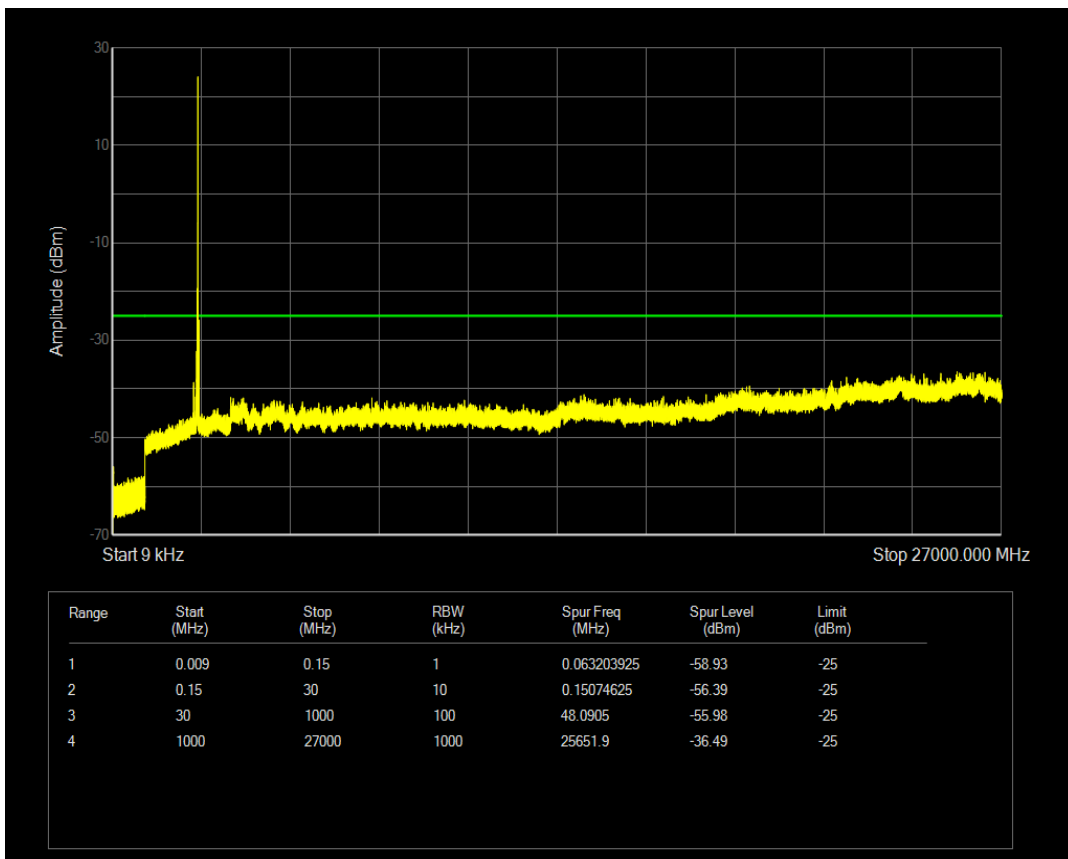
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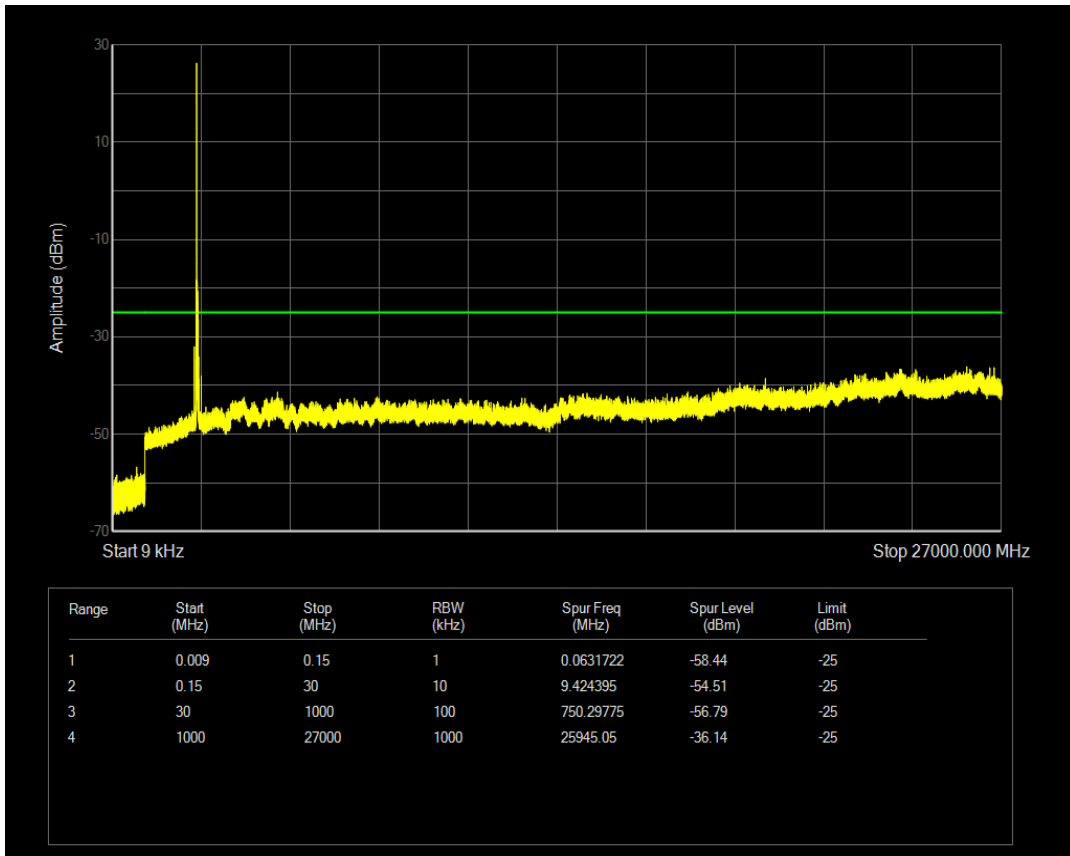
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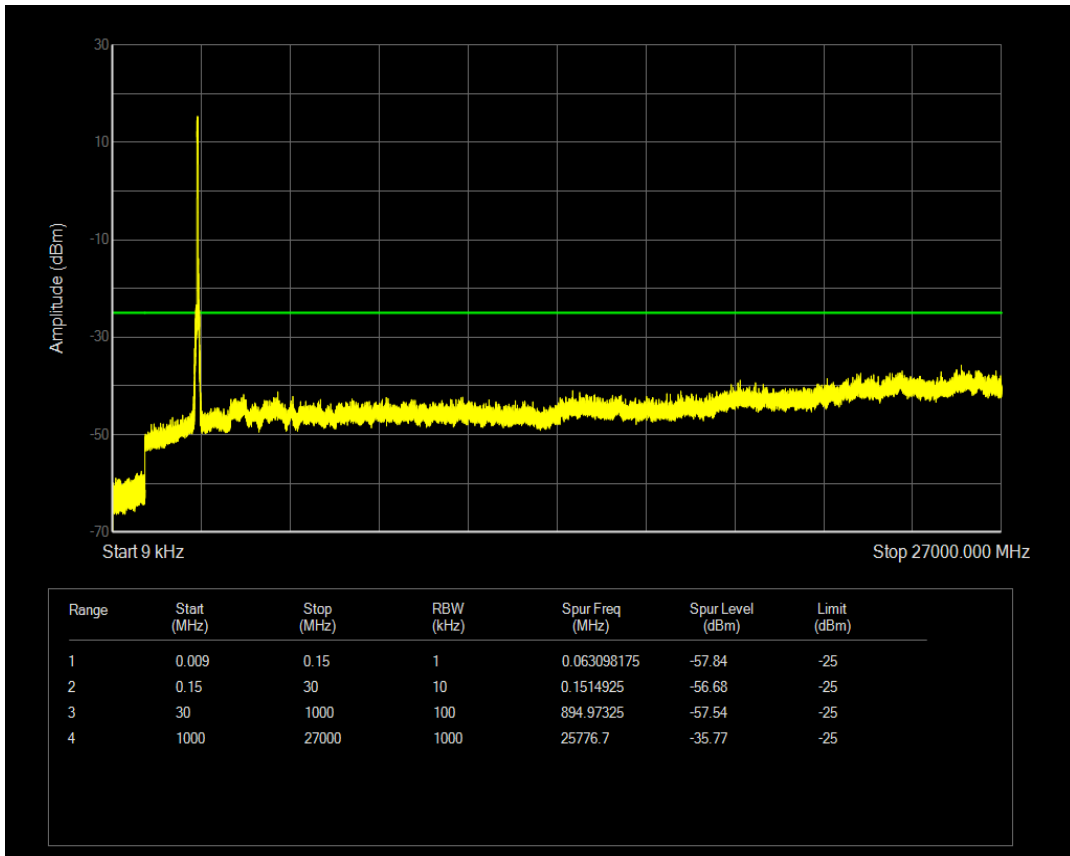
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n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0

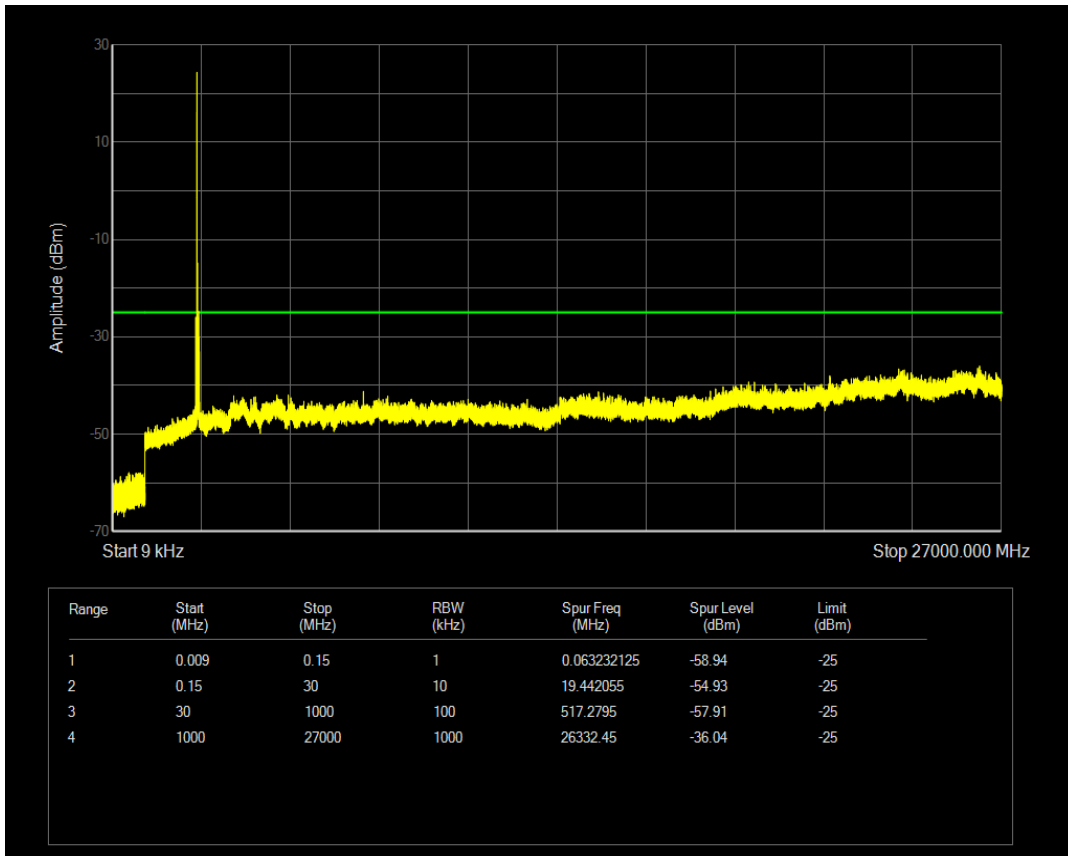


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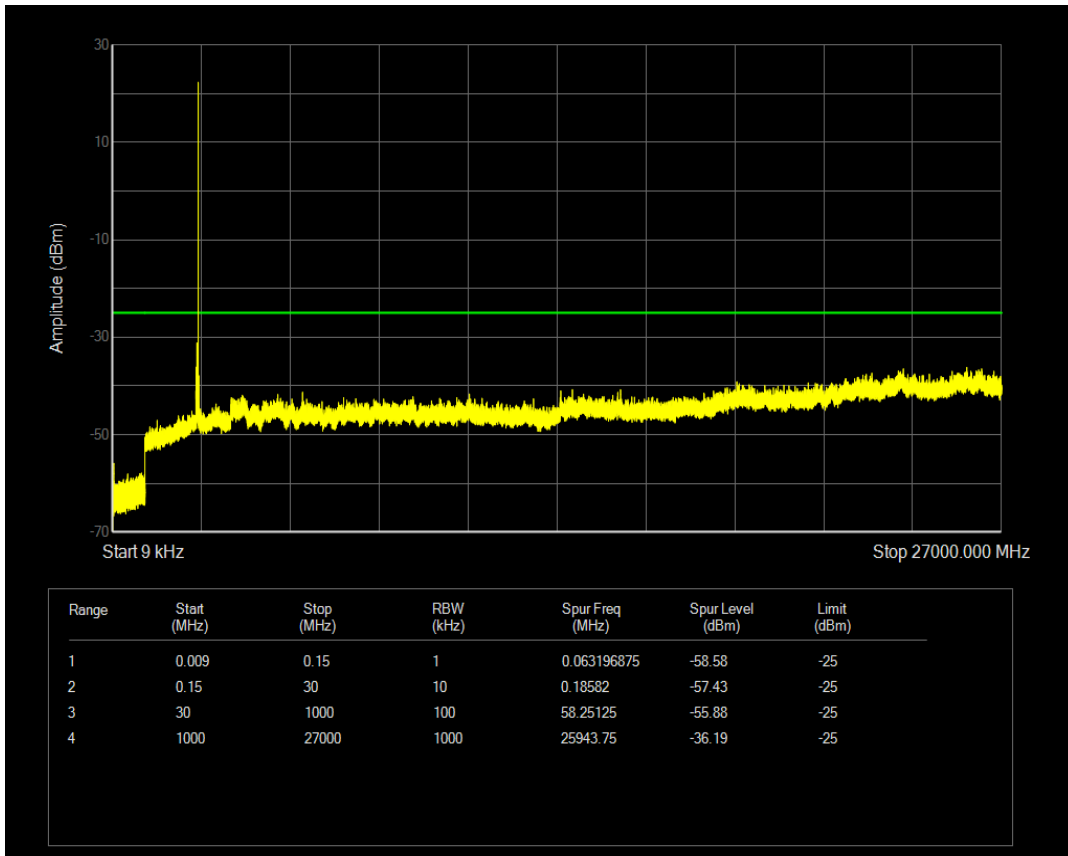




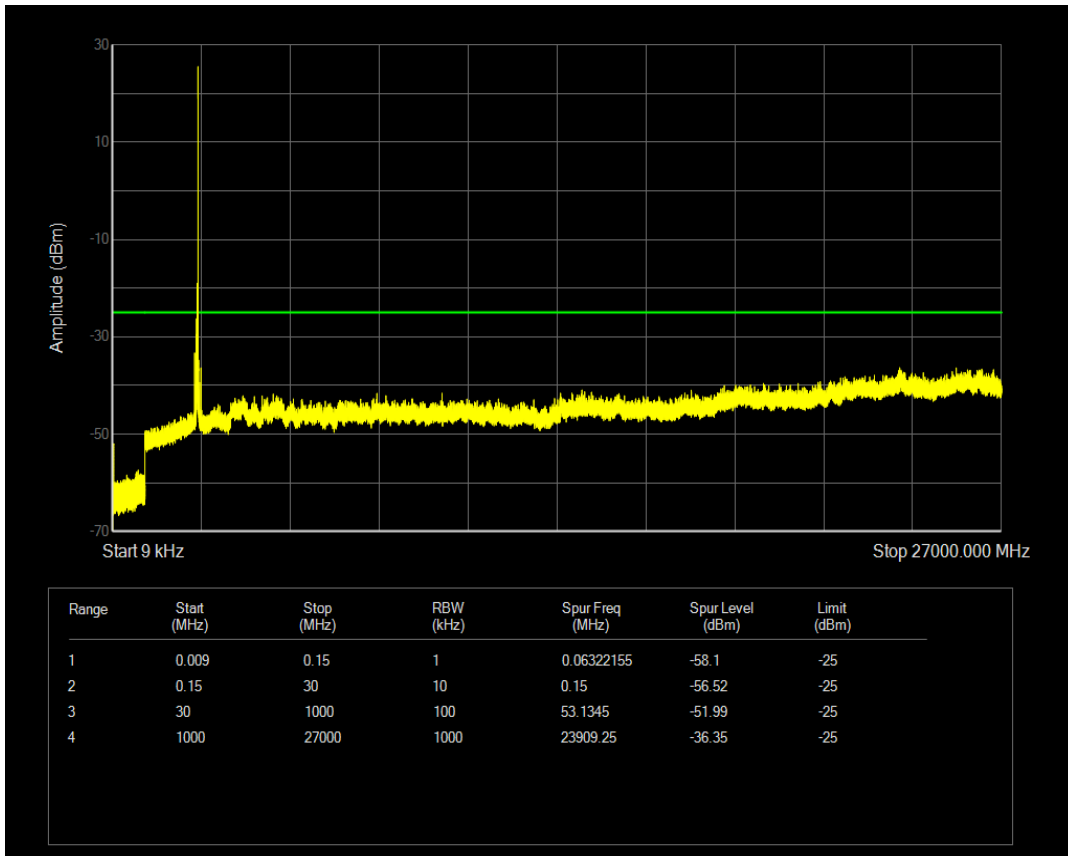
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n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1 @215



n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@215



n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=216@0

