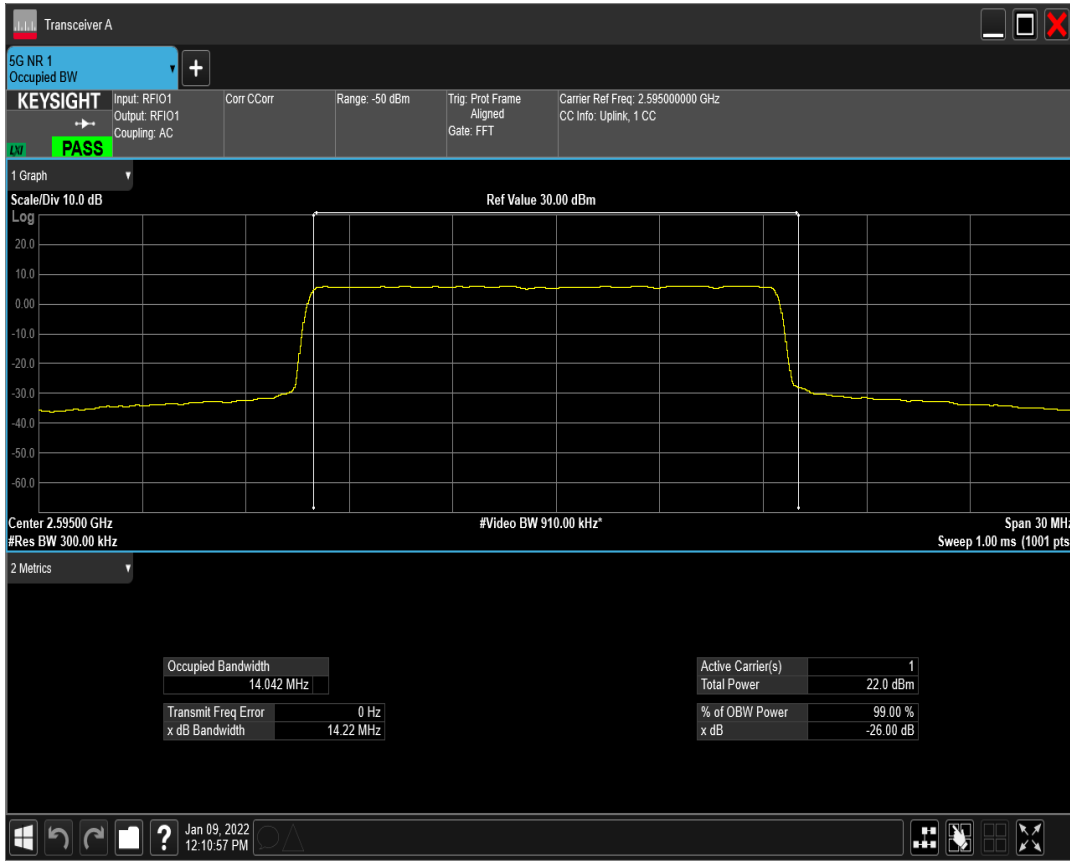
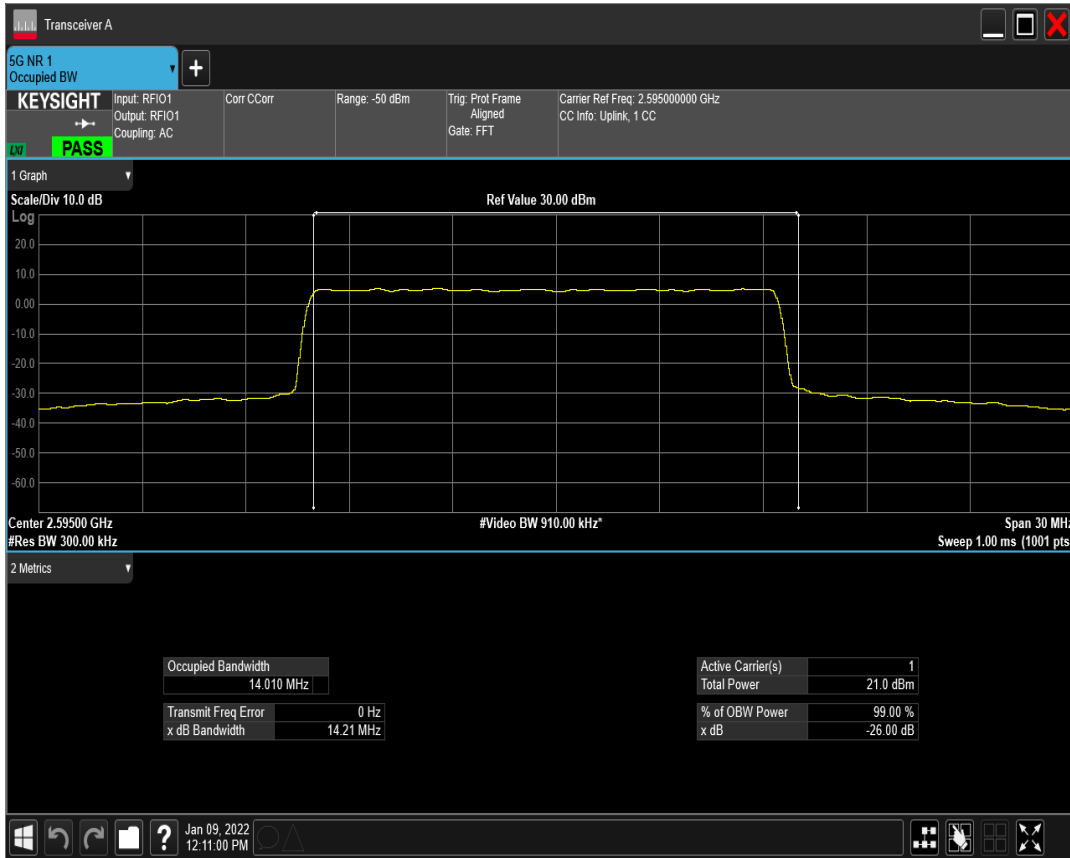


n38 SCS=15kHz DFT\_QPSK BW=15MHz Channel=519000 RB=75@0



n38 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=75@0



n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=519000 RB=75@0



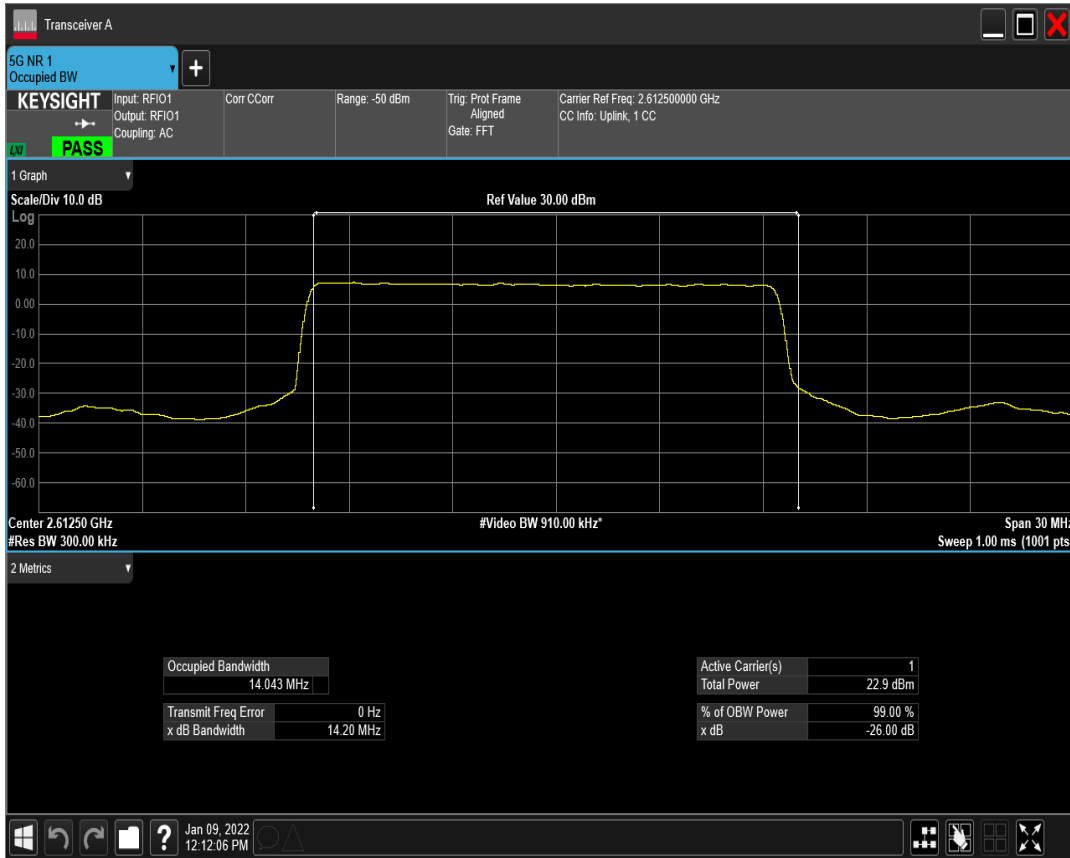
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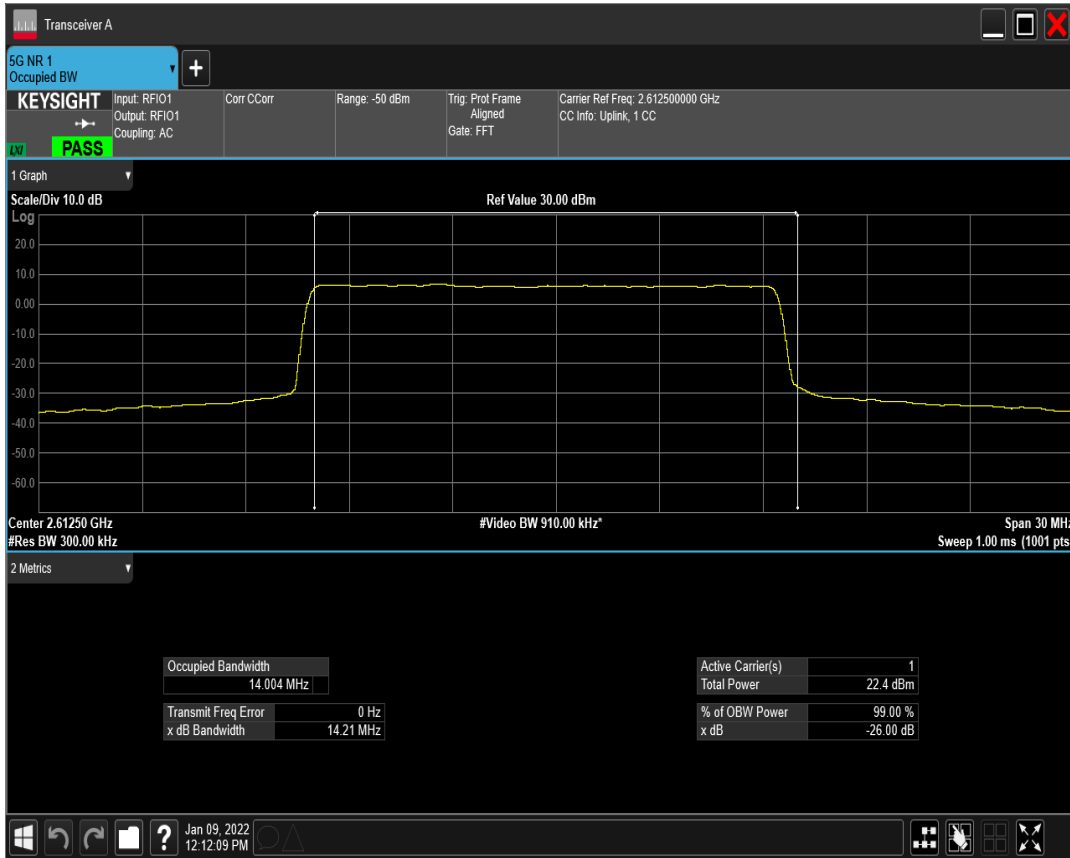
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n38 SCS=15kHz DFT\_BPSK BW=15MHz Channel=522500 RB=75@0

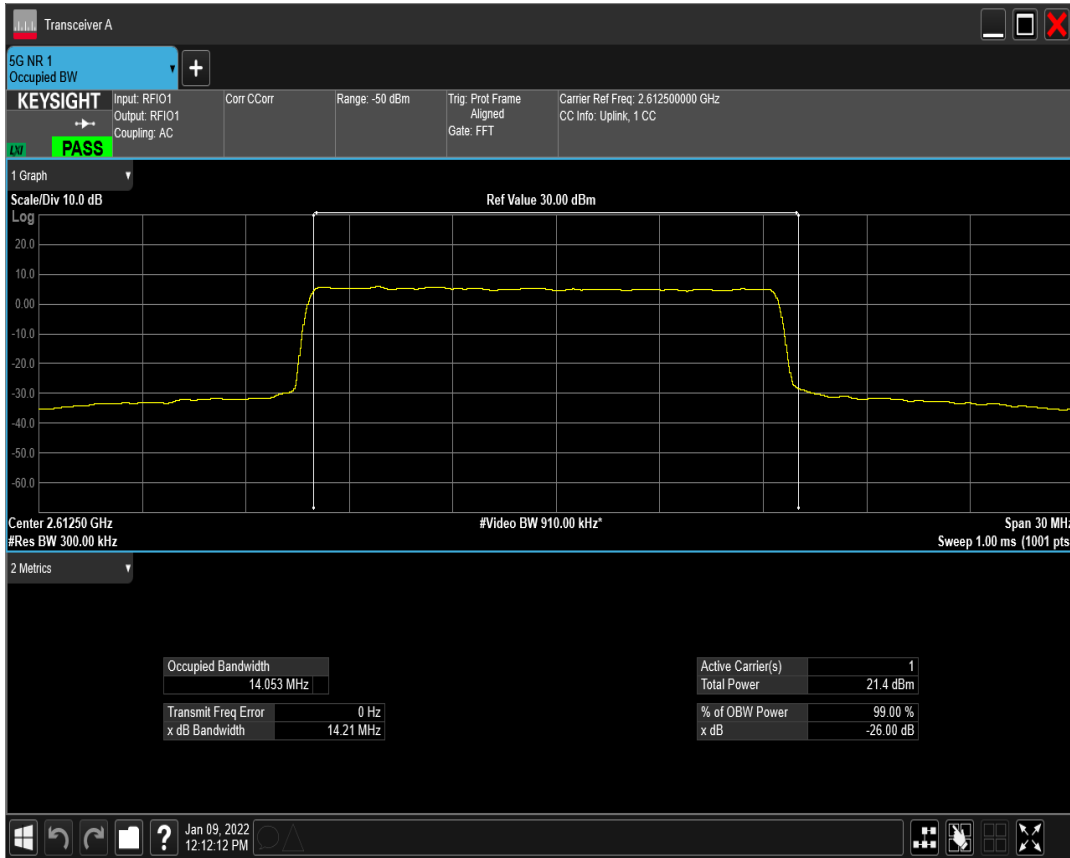


n38 SCS=15kHz DFT\_QPSK BW=15MHz Channel=522500 RB=75@0



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





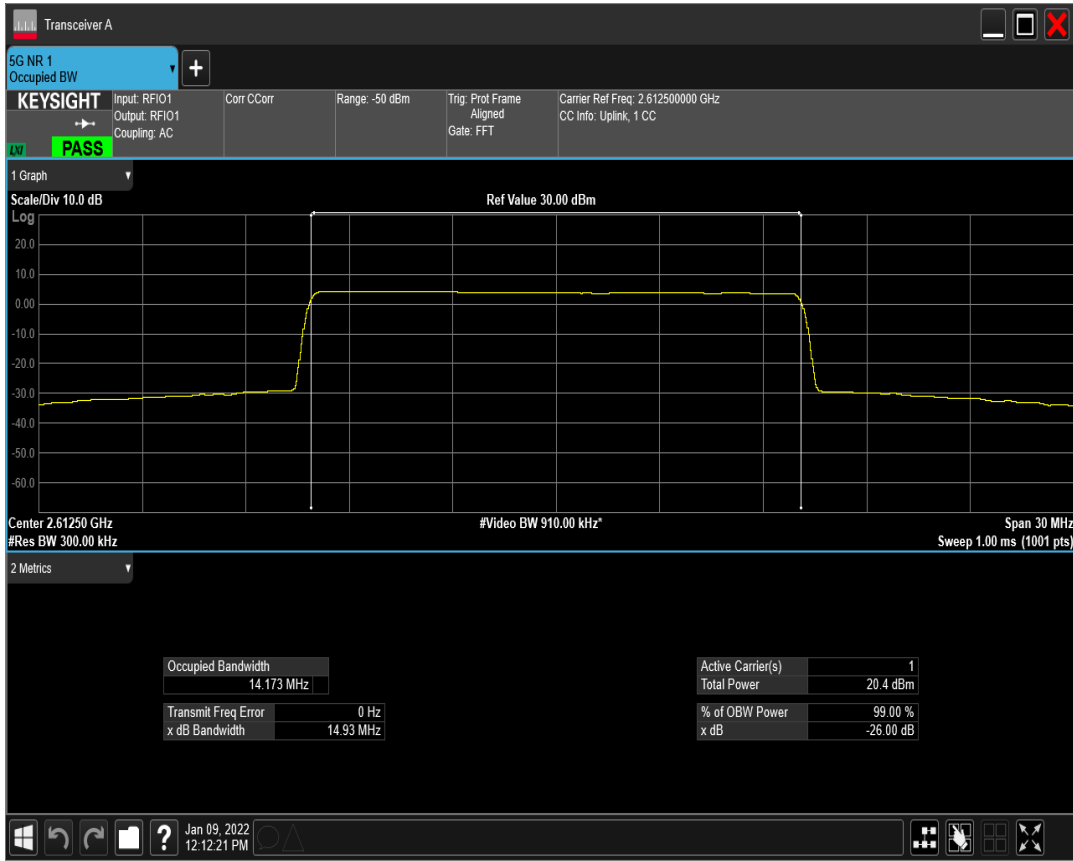
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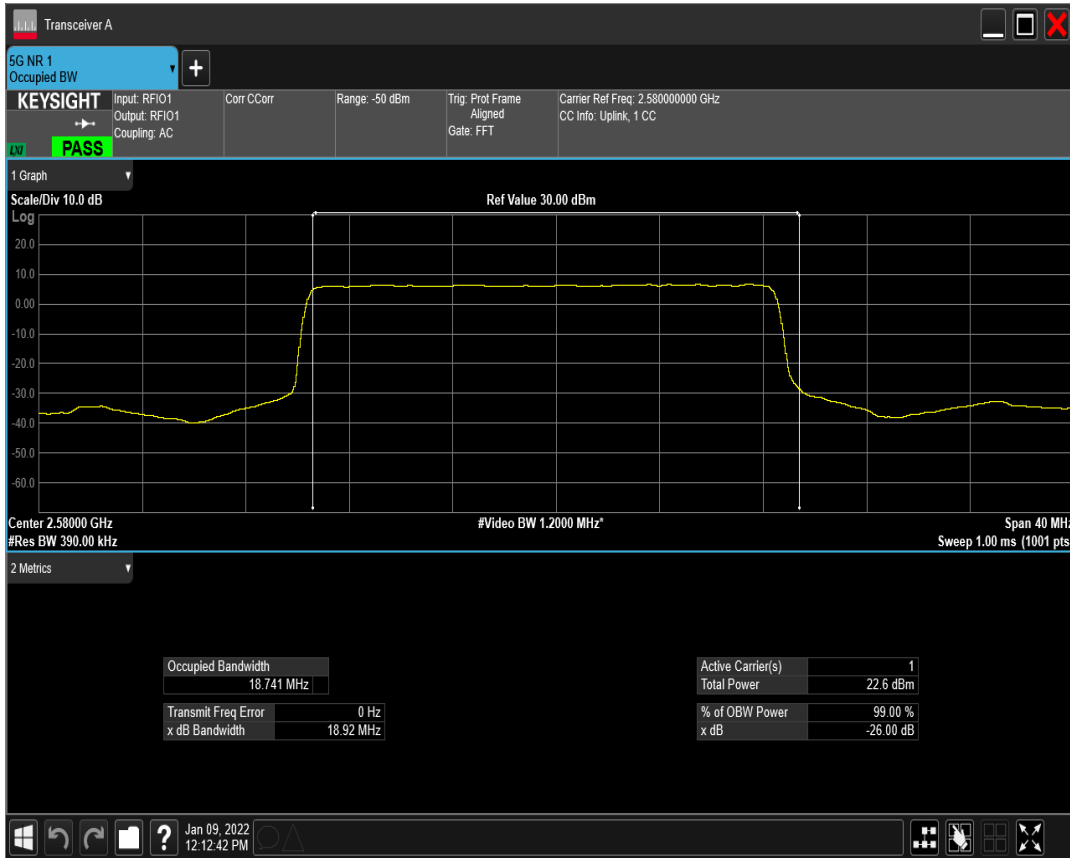
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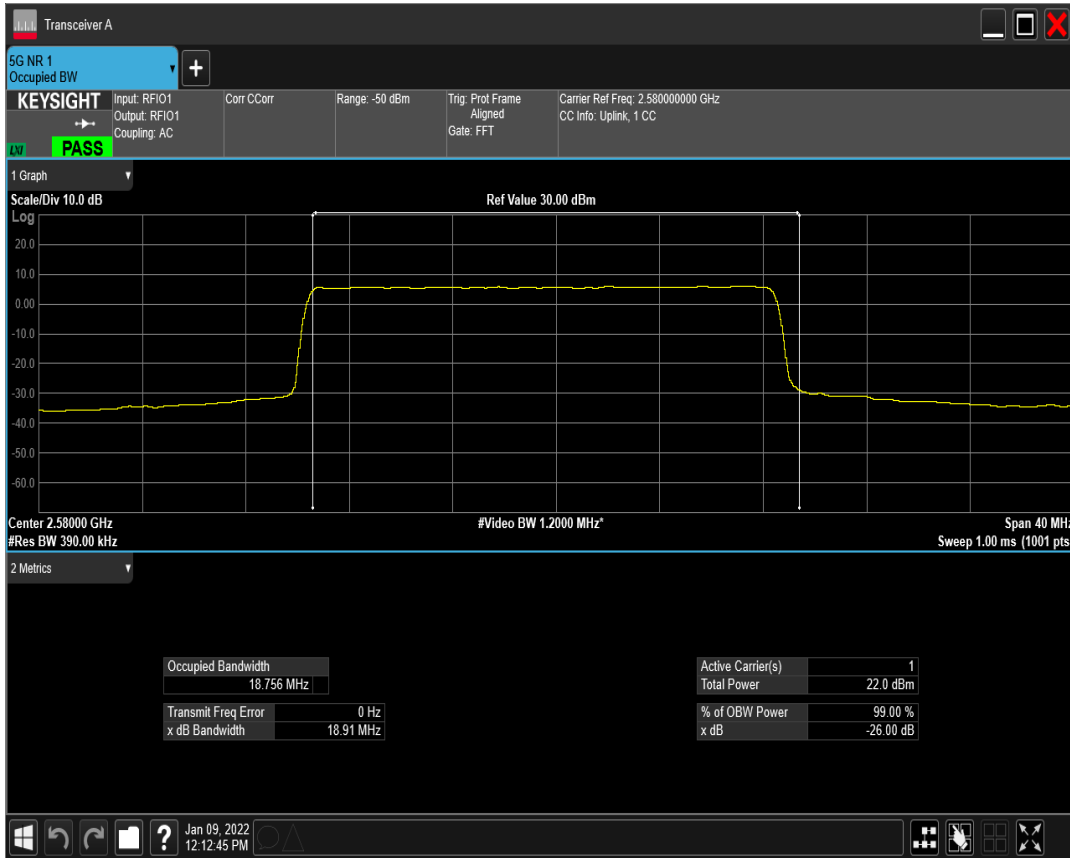
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=522500 RB=79@0



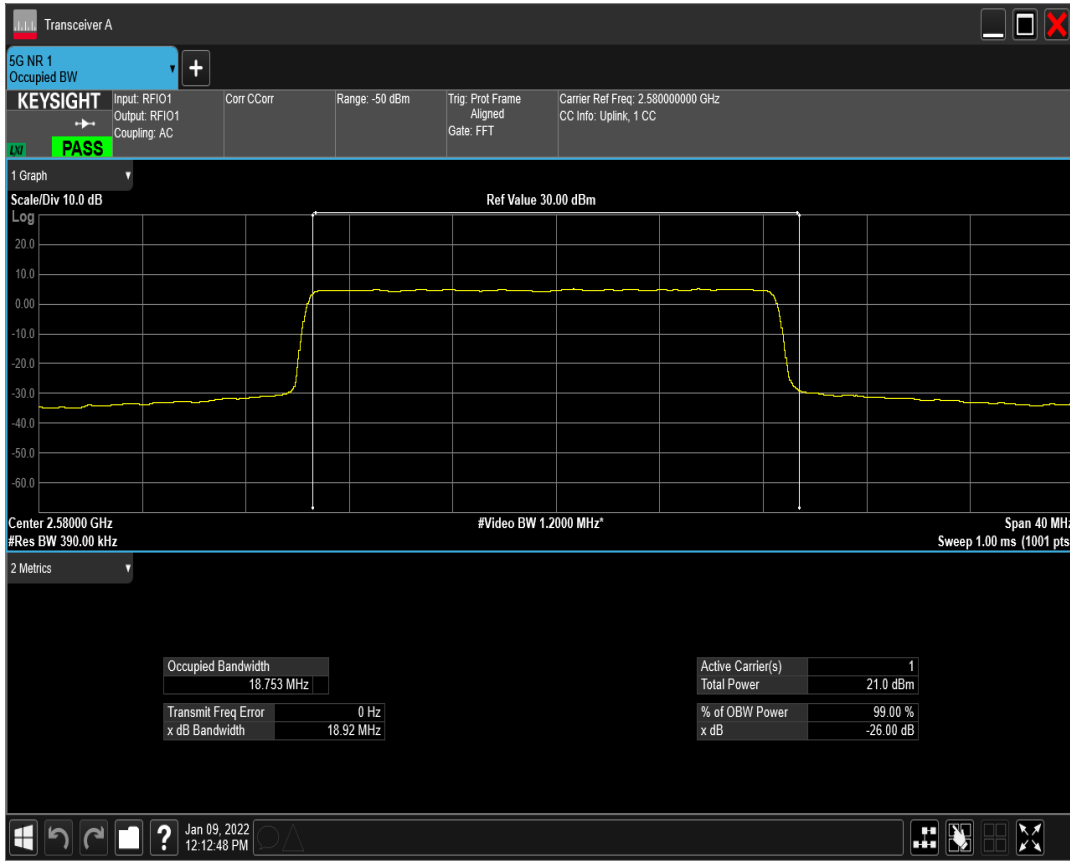
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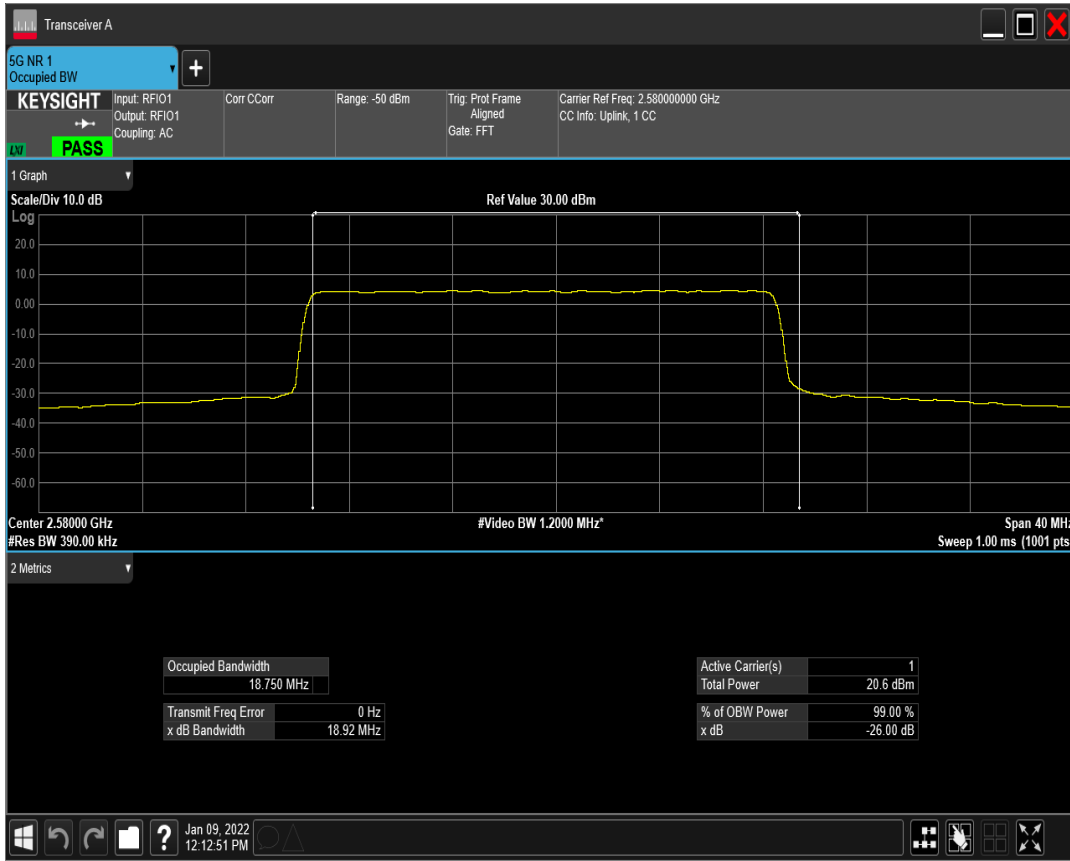
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n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=516000 RB=100@0

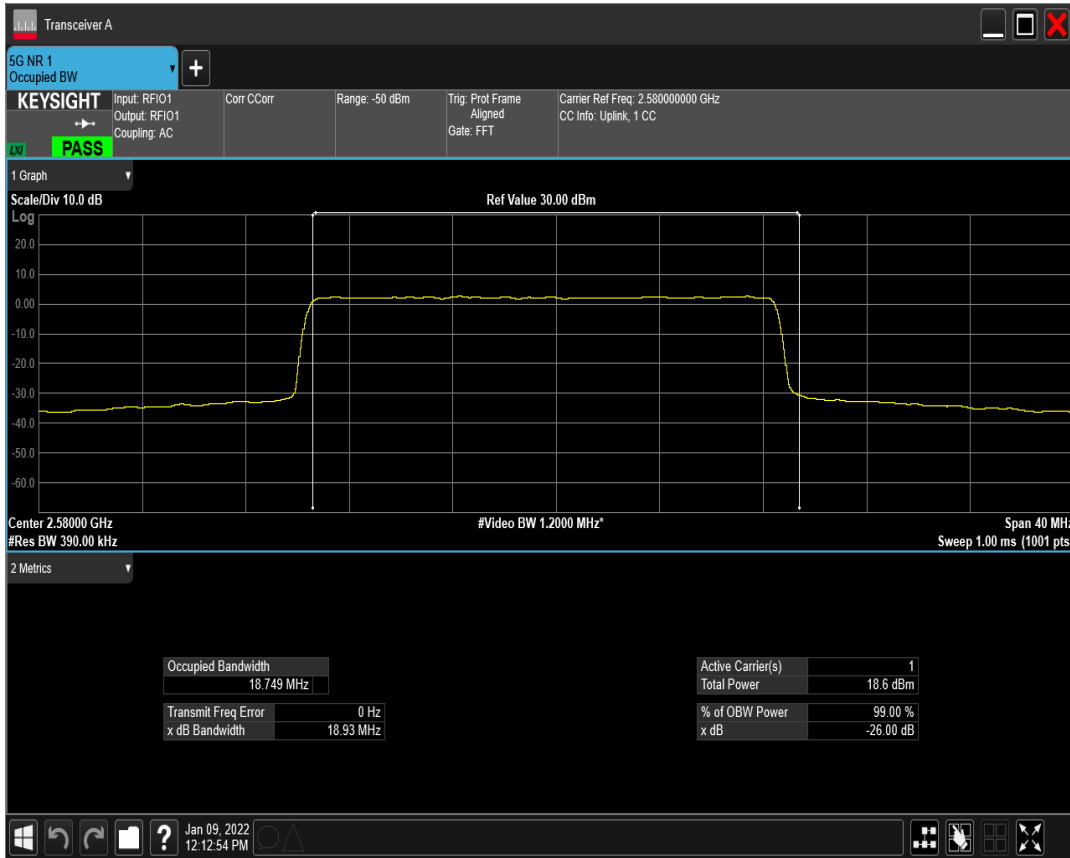


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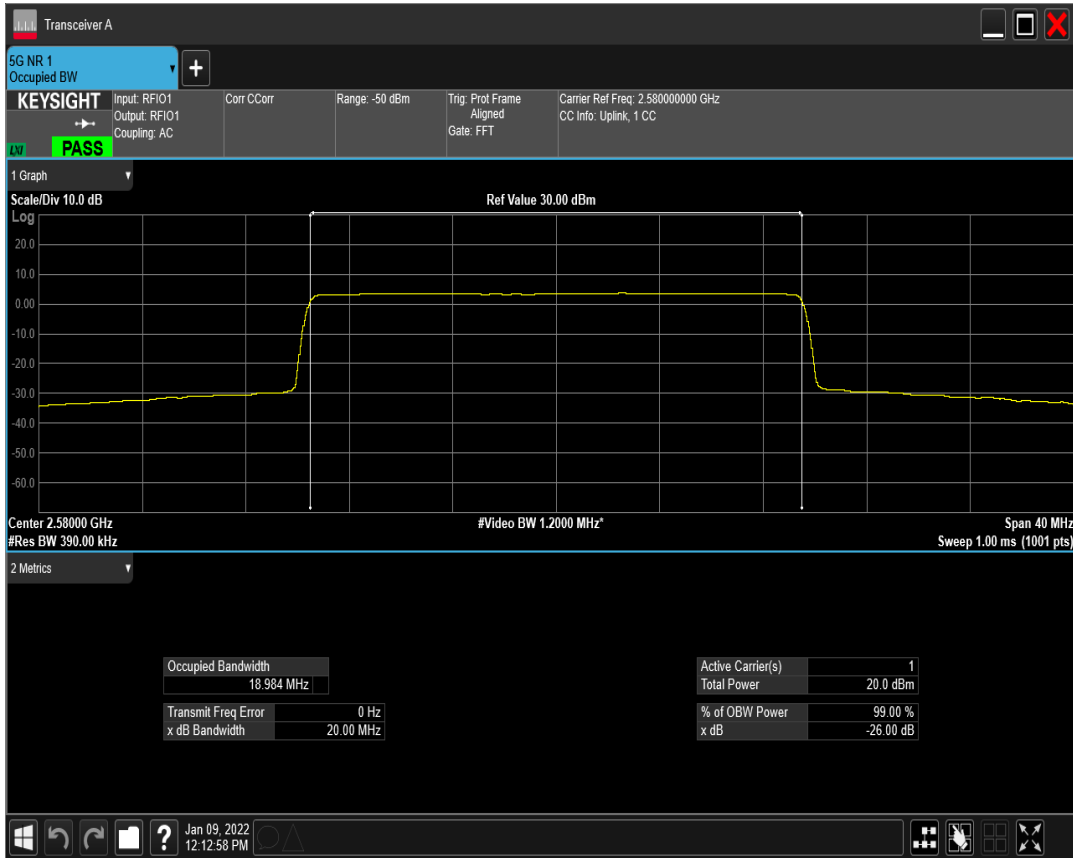


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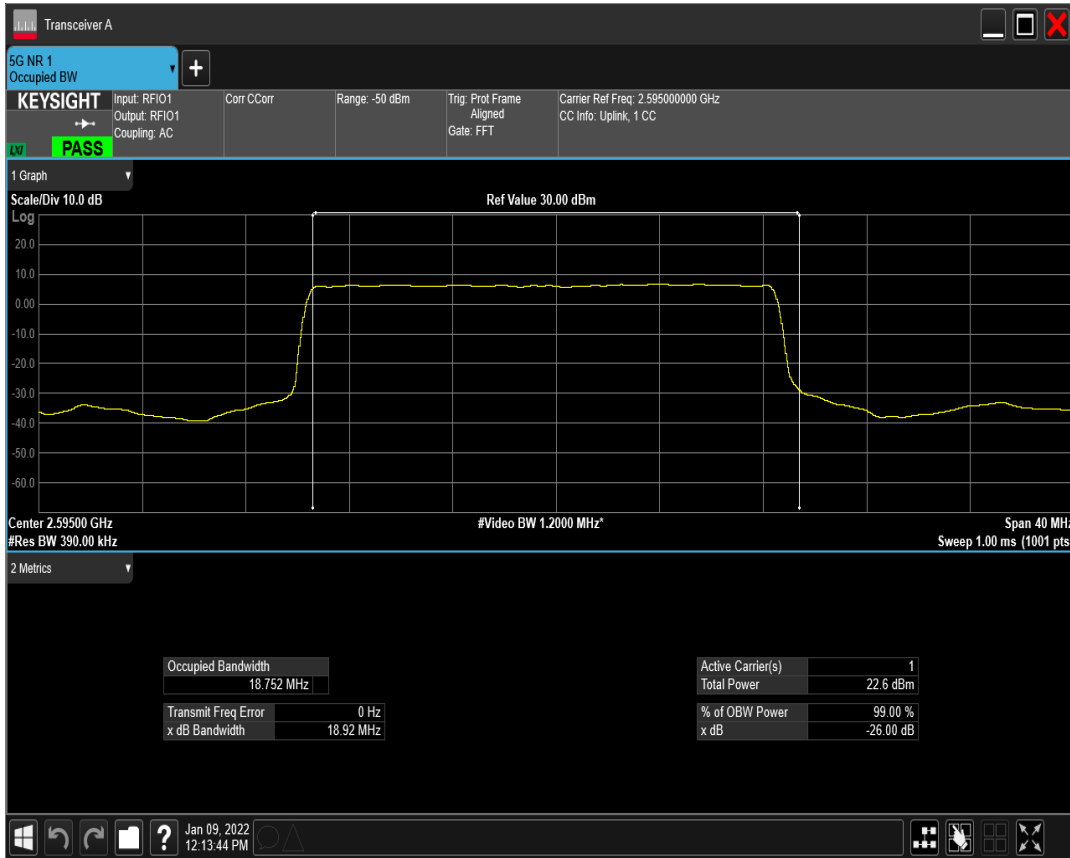




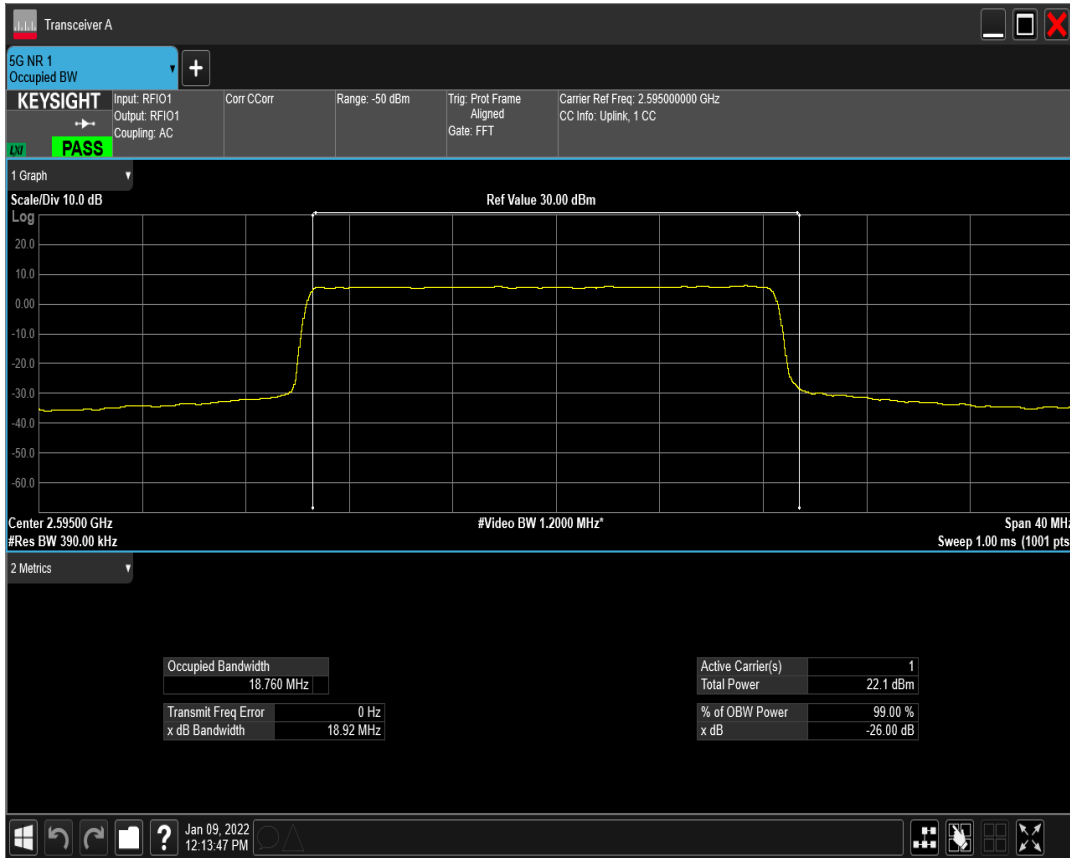
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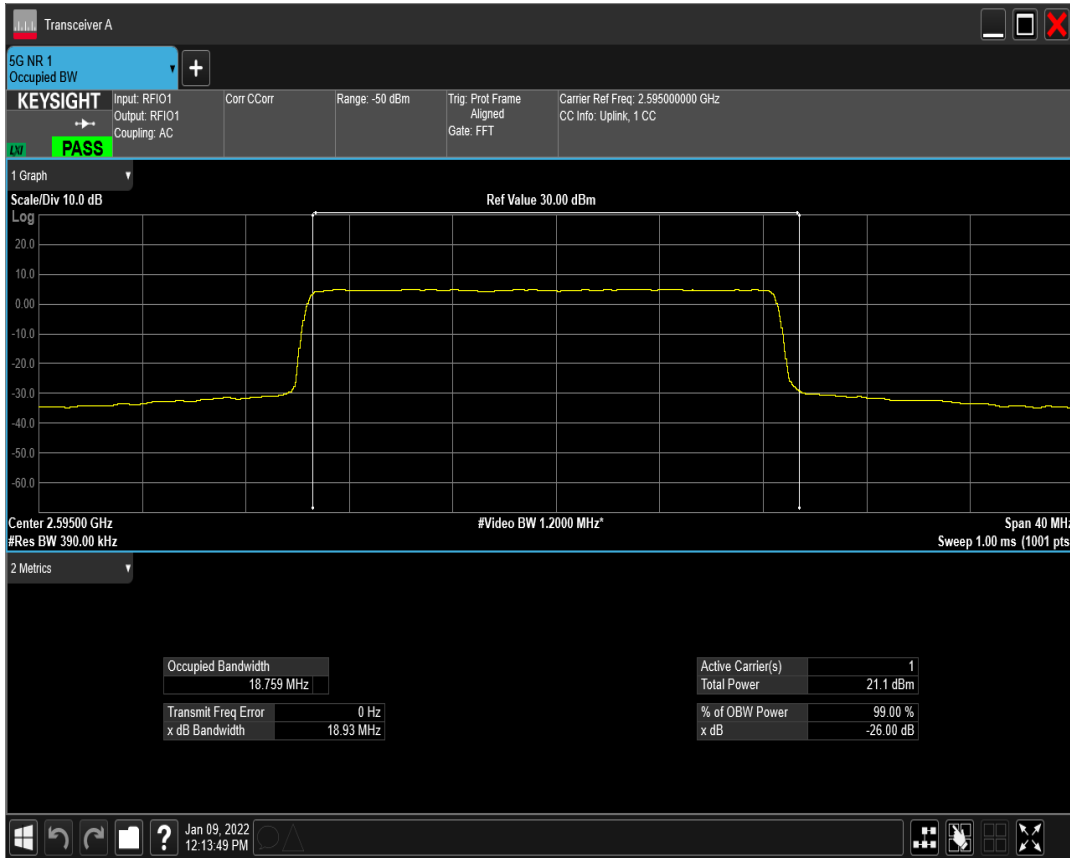
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n38 SCS=15kHz DFT\_QPSK BW=20MHz Channel=519000 RB=100@0



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



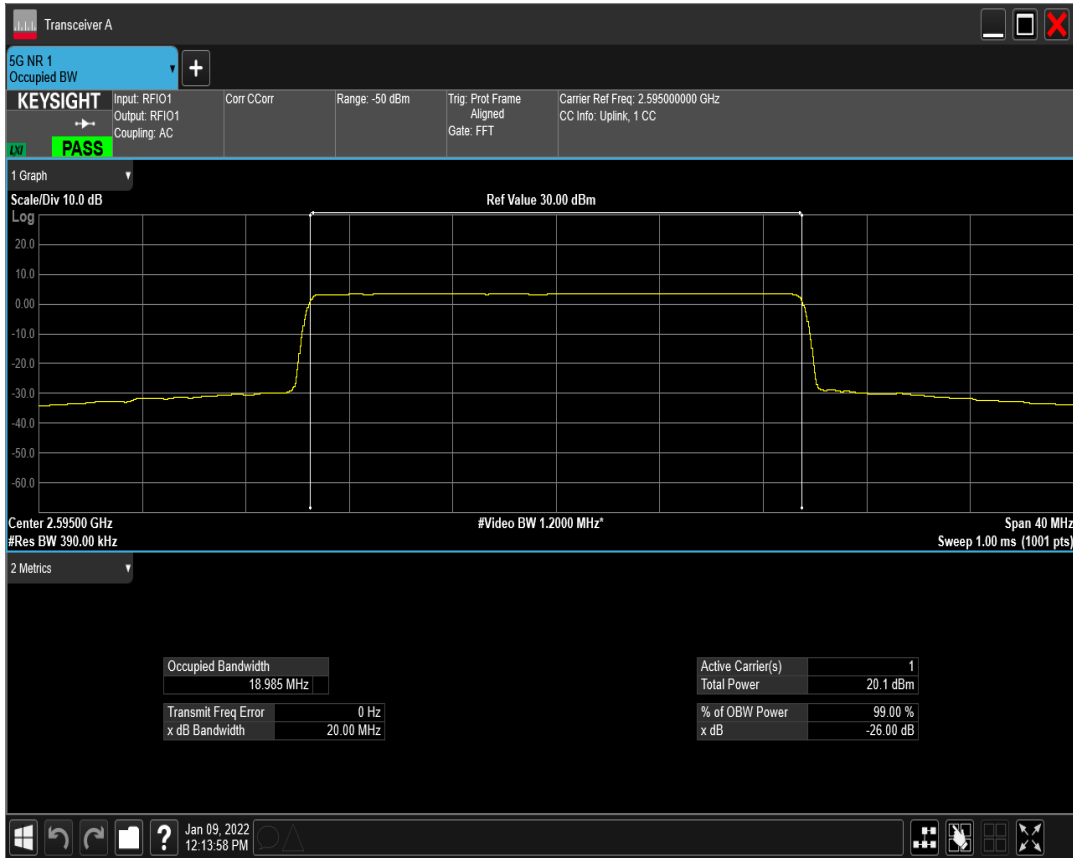
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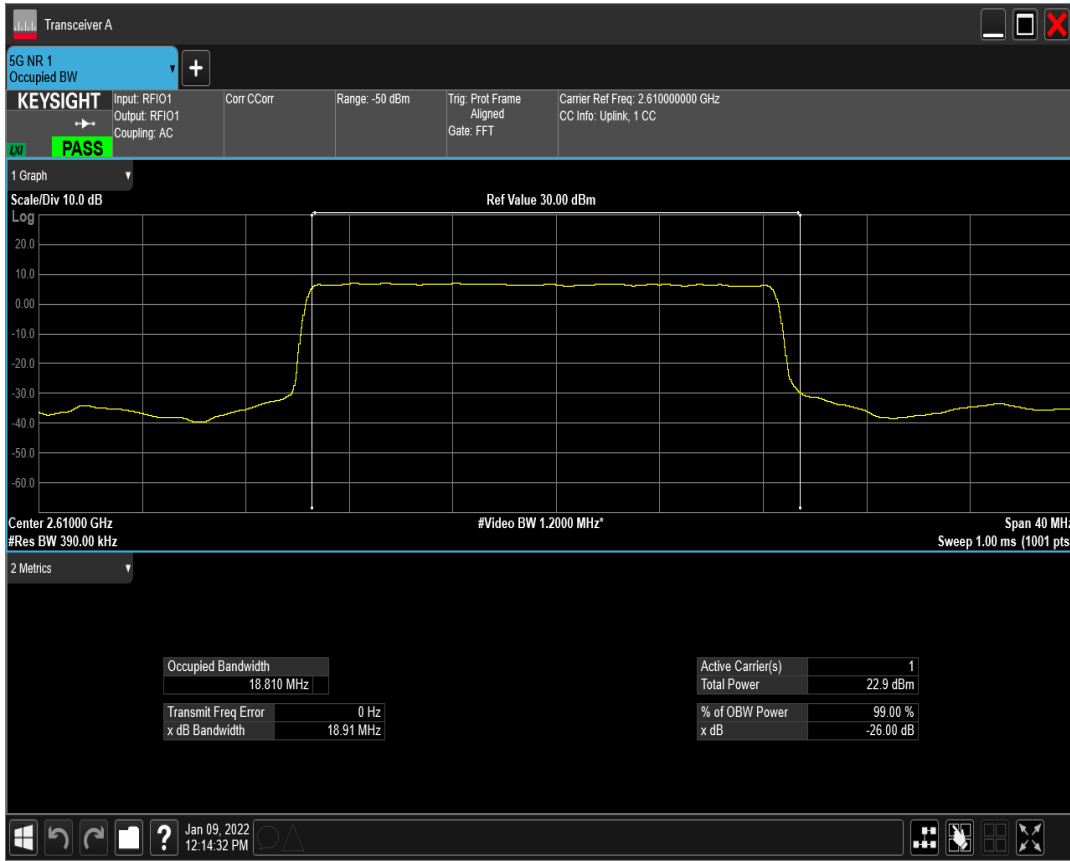


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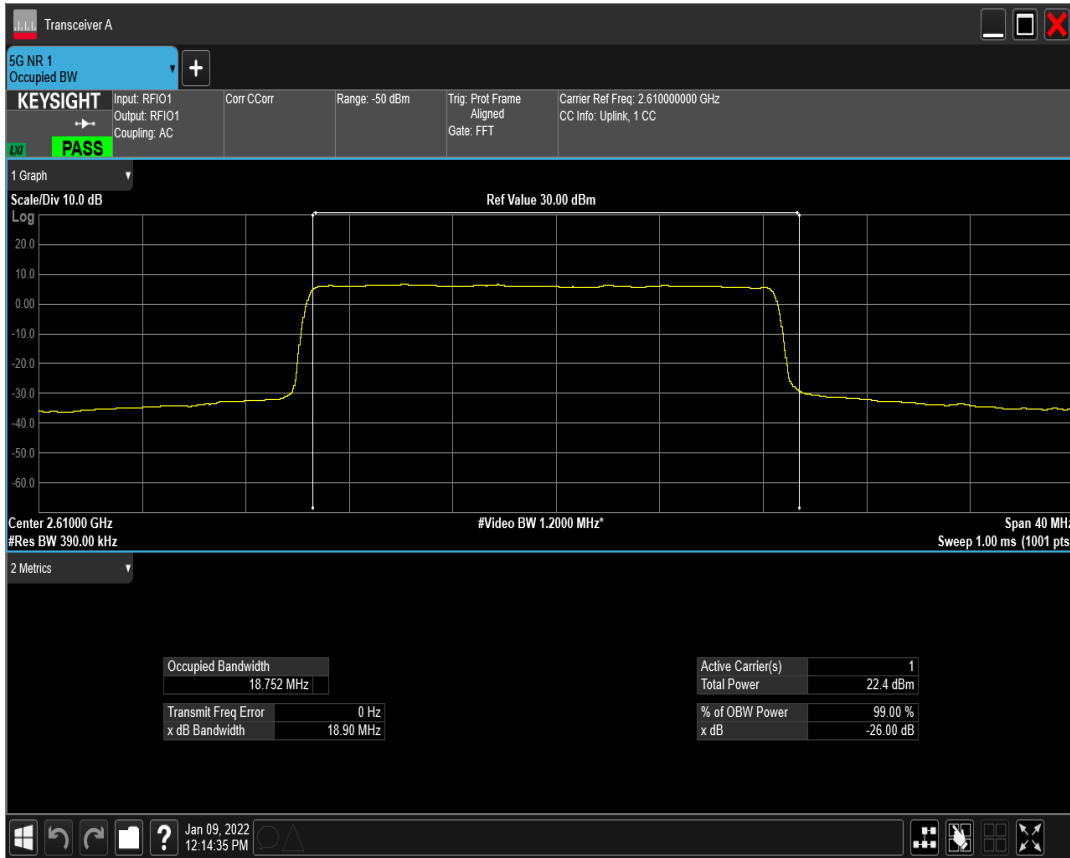


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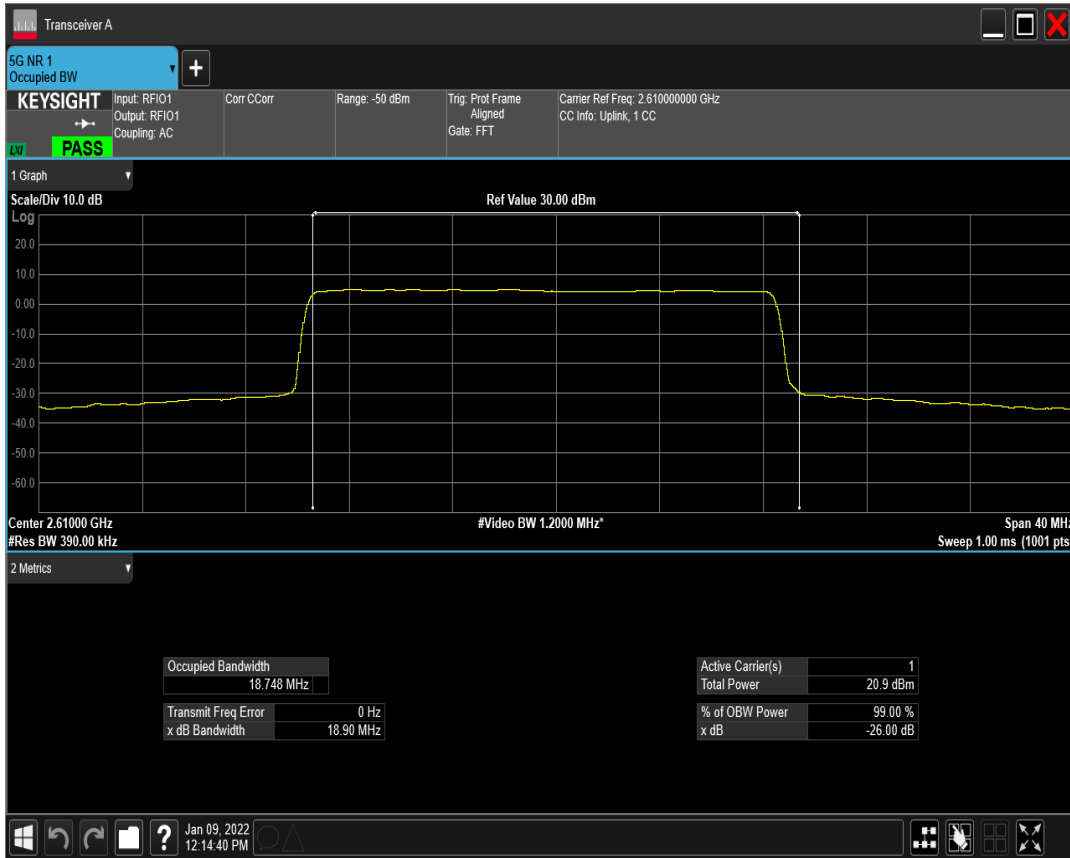
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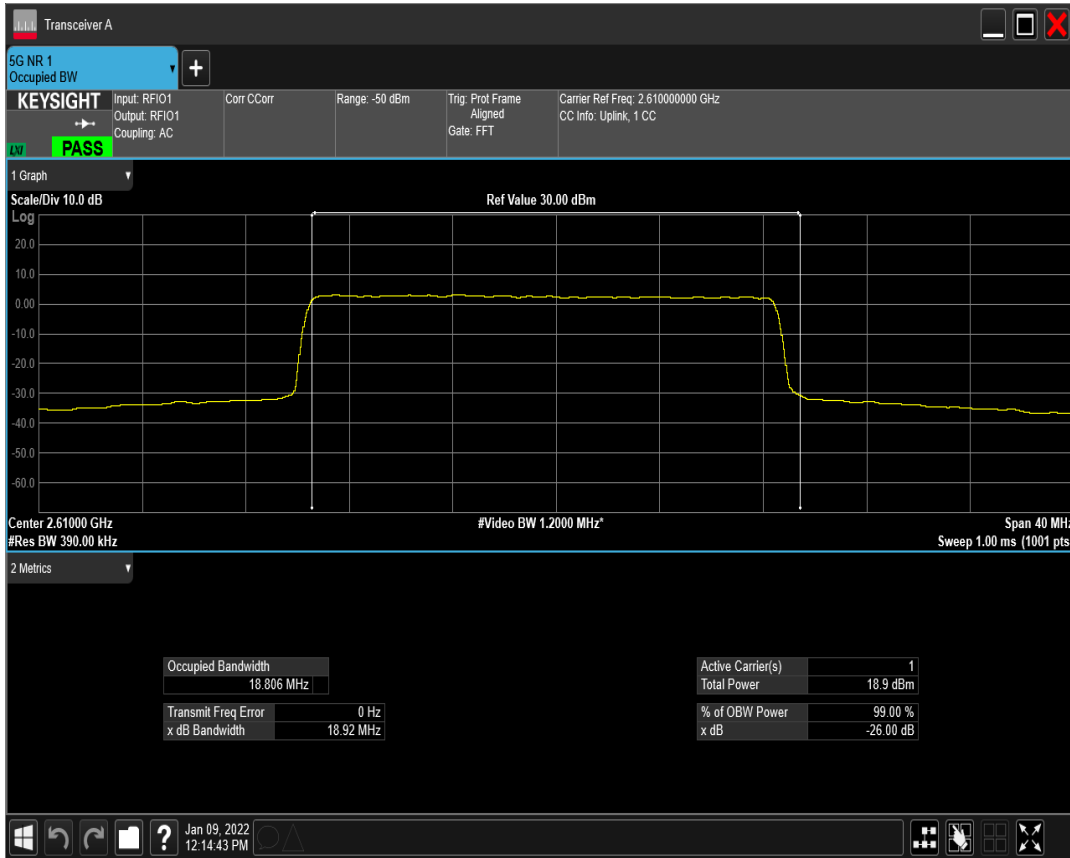
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=522000 RB=100@0



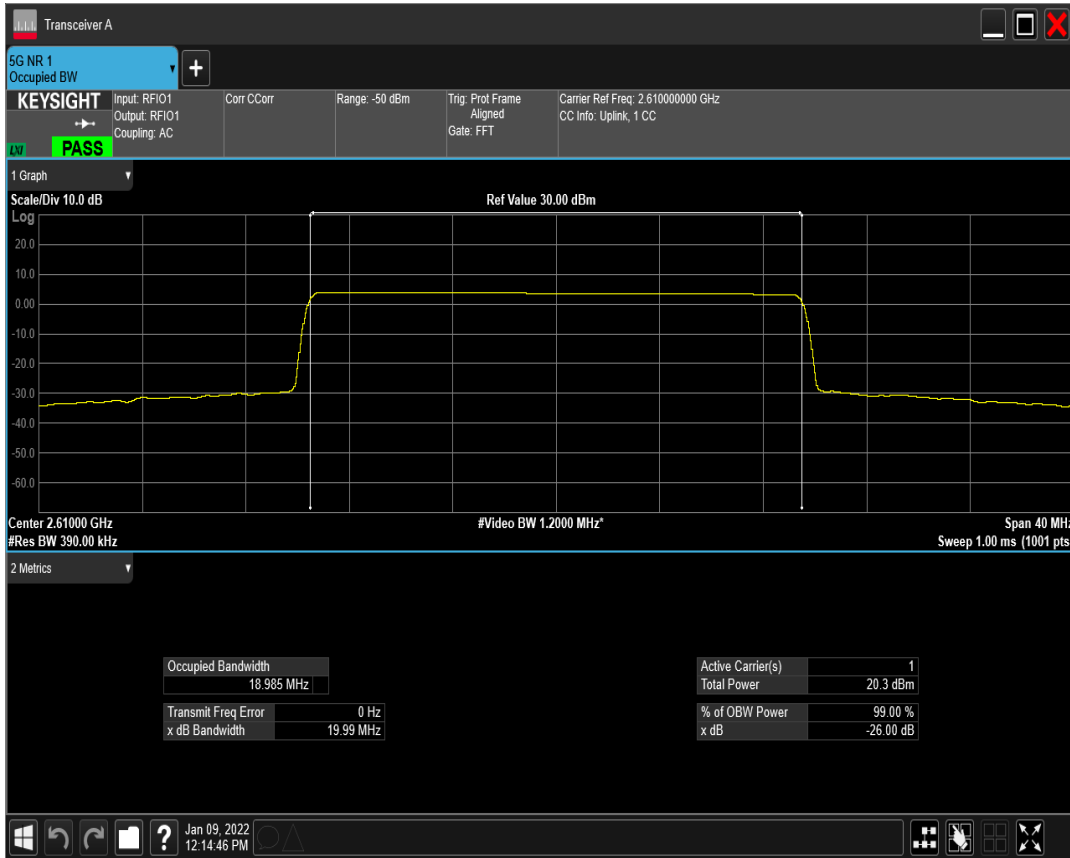
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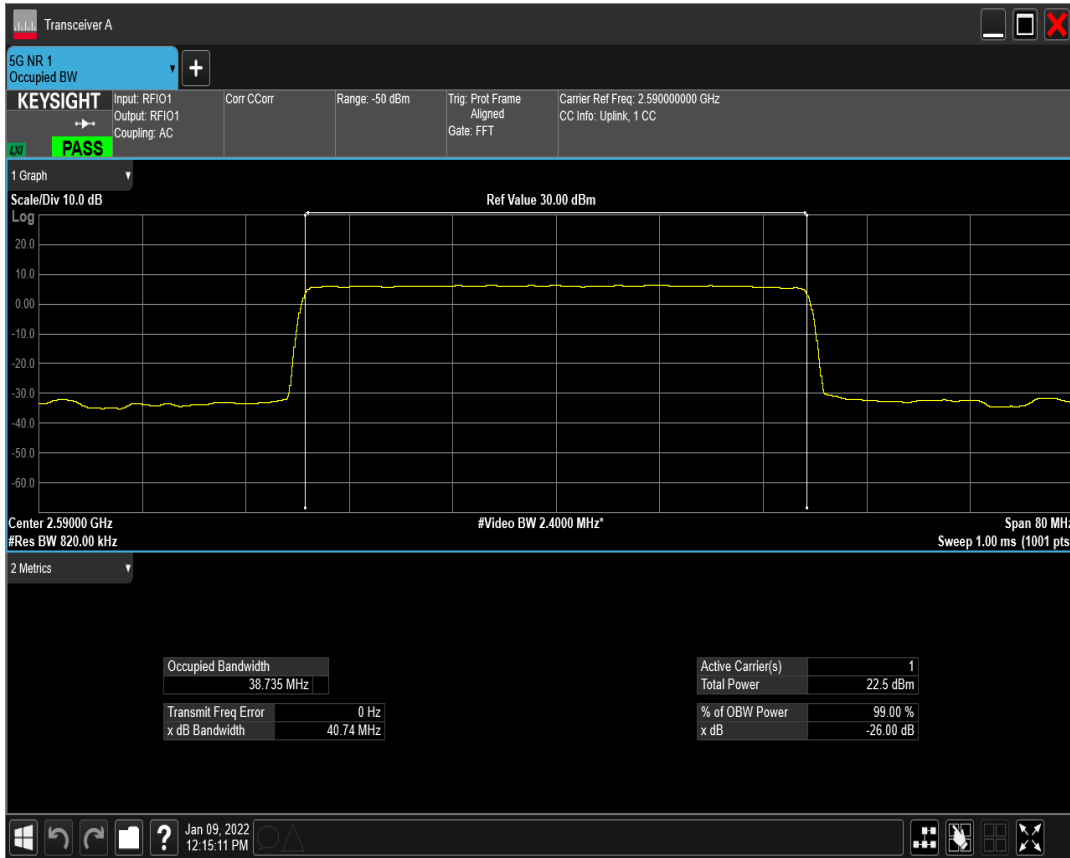
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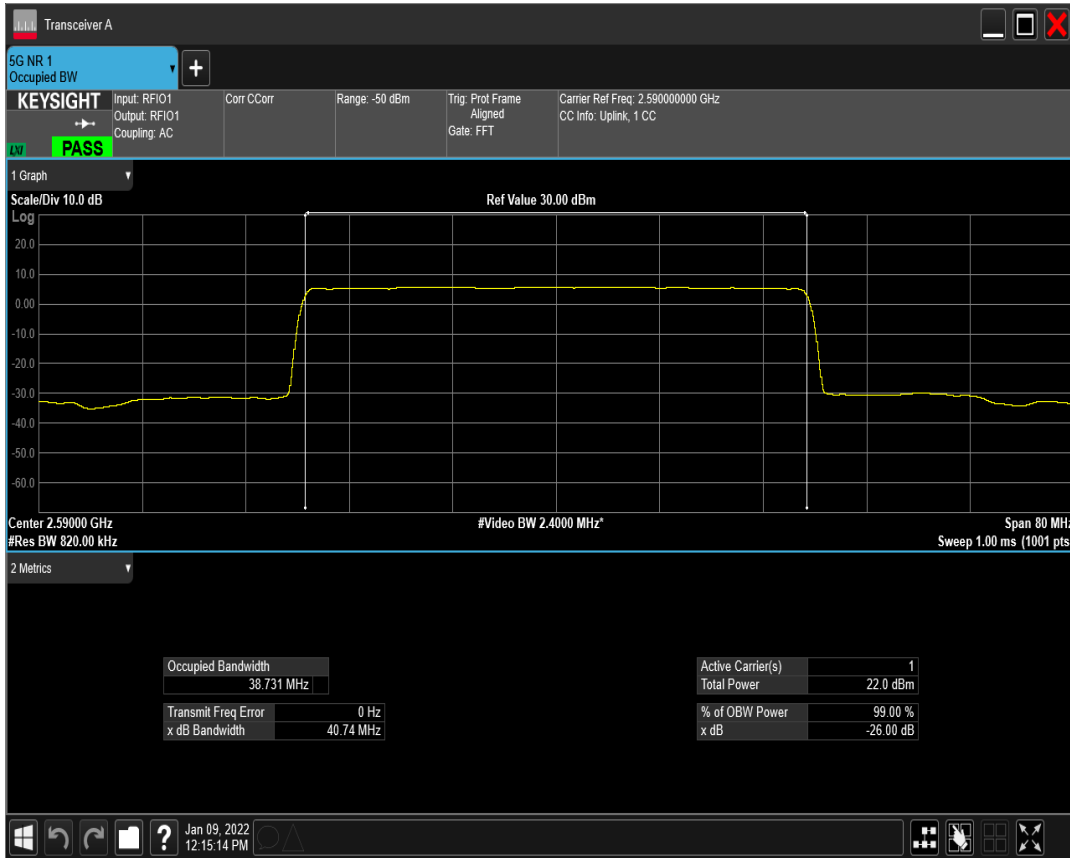
n38 SCS=15kHz CP\_QPSK BW=20MHz Channel=522000 RB=106@0



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

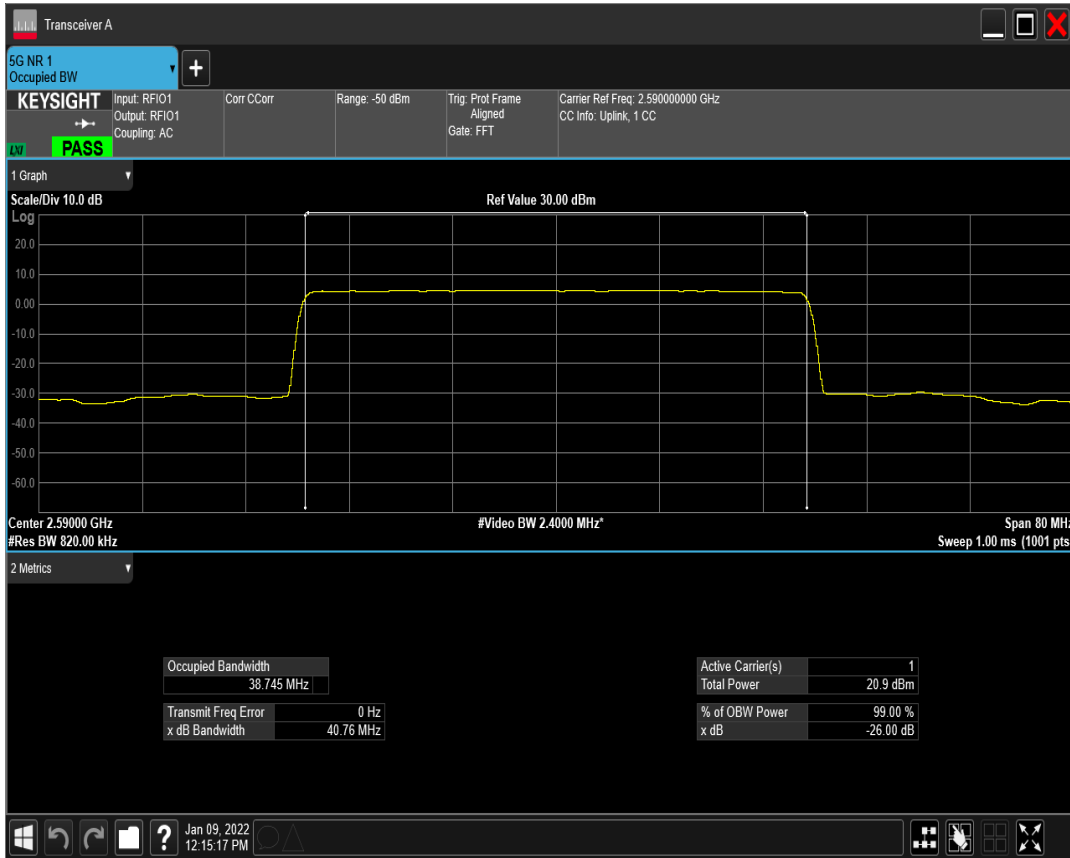


n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=216@0



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

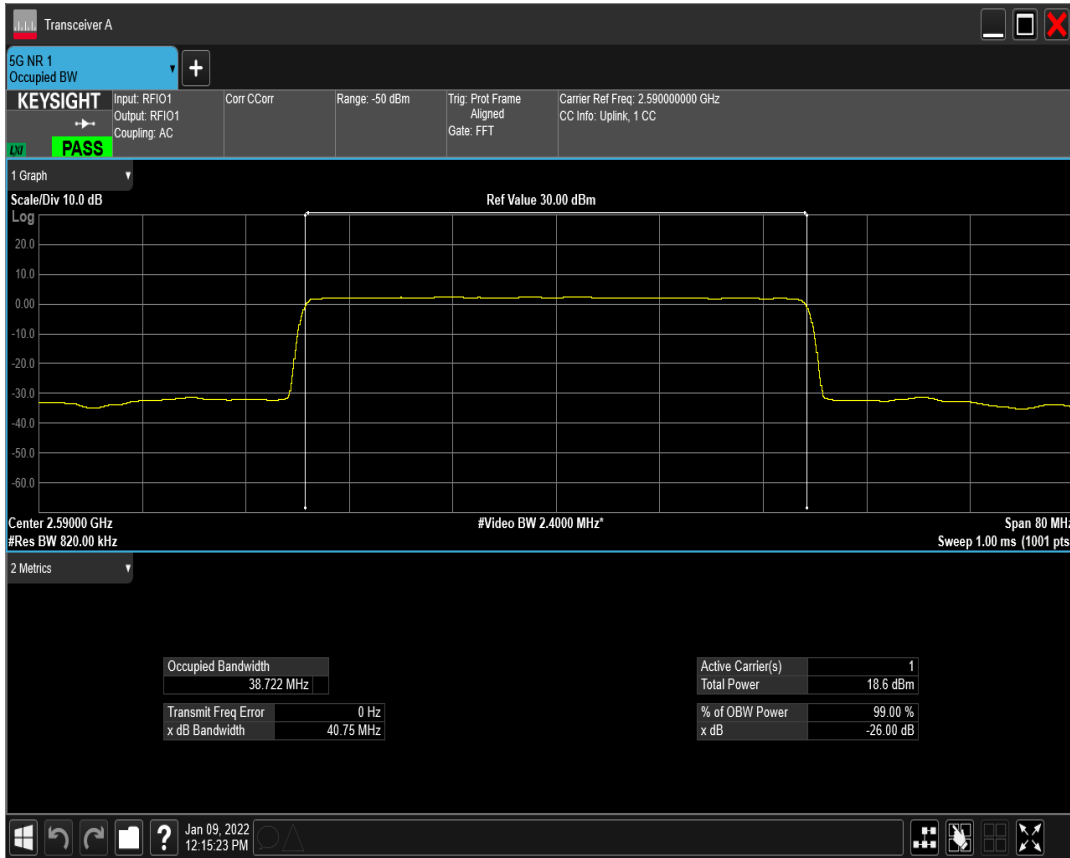




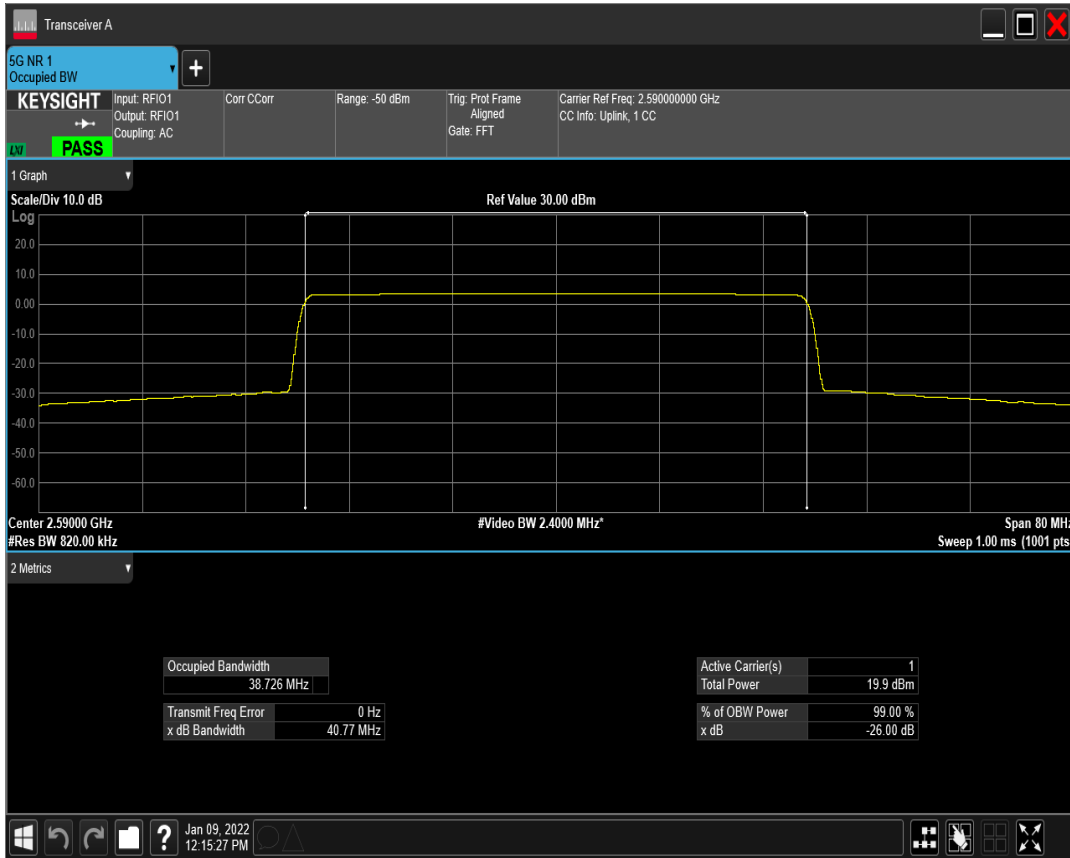
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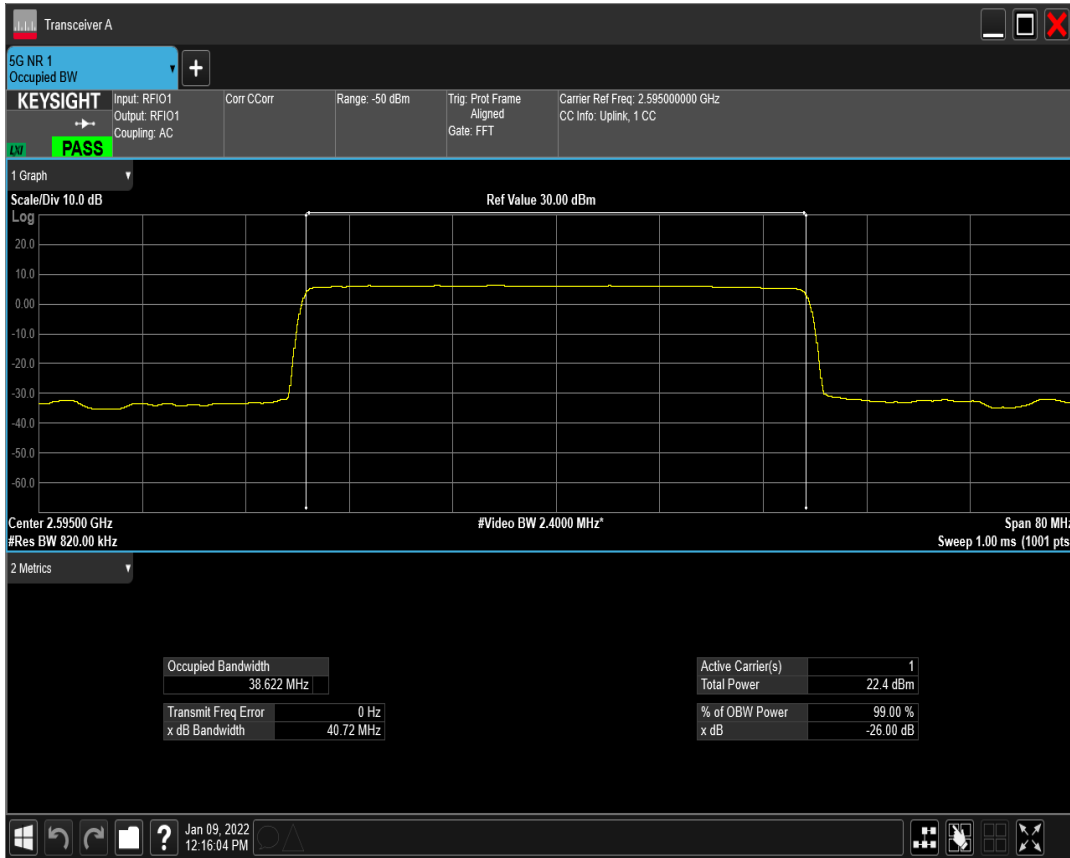
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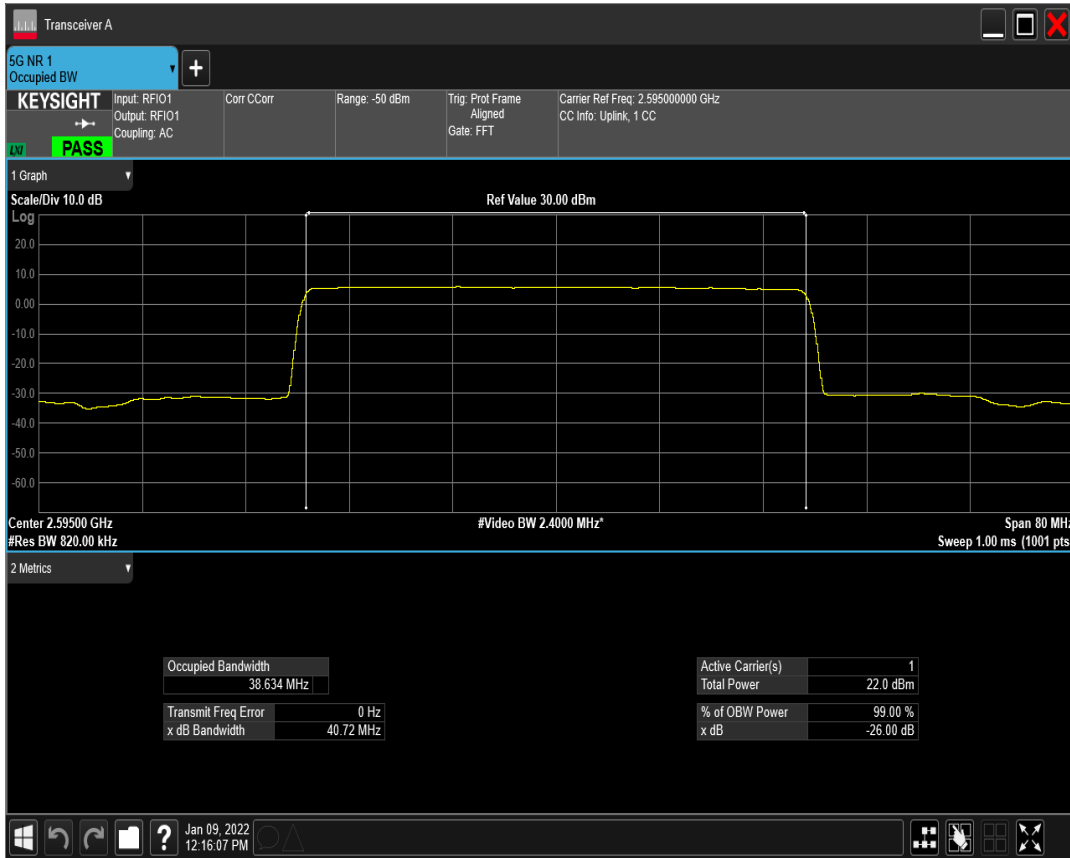
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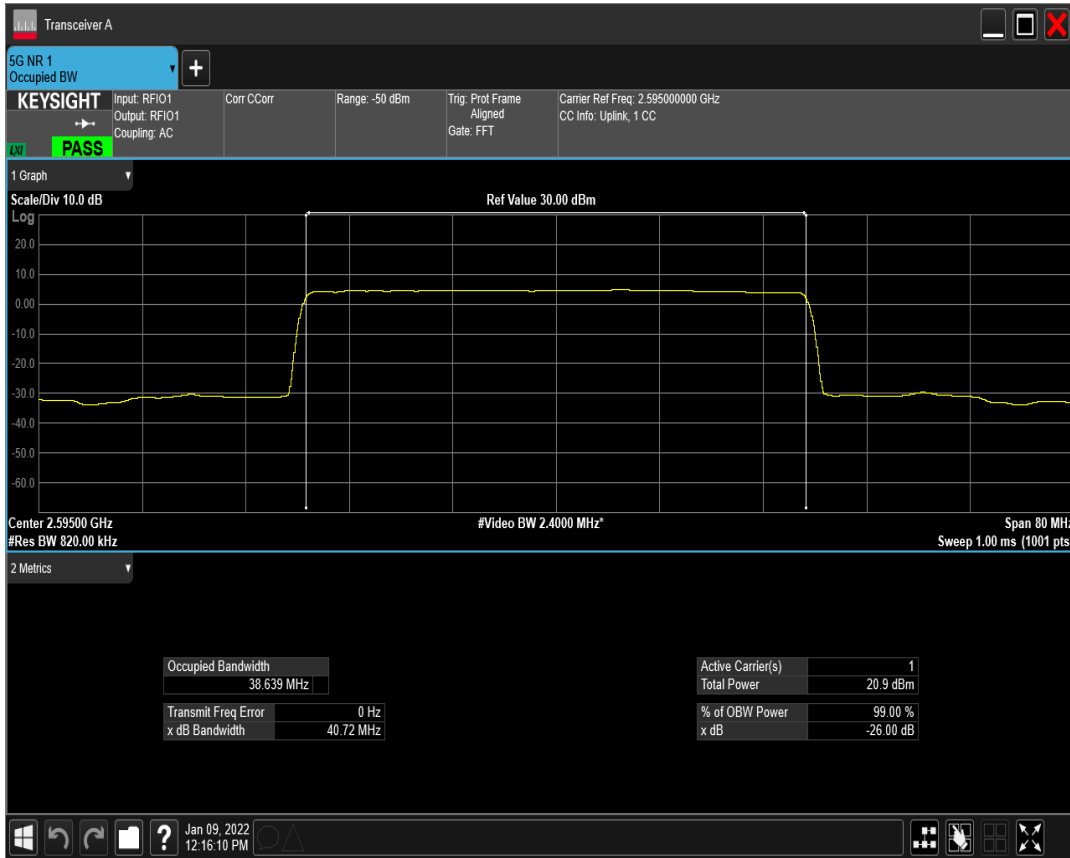
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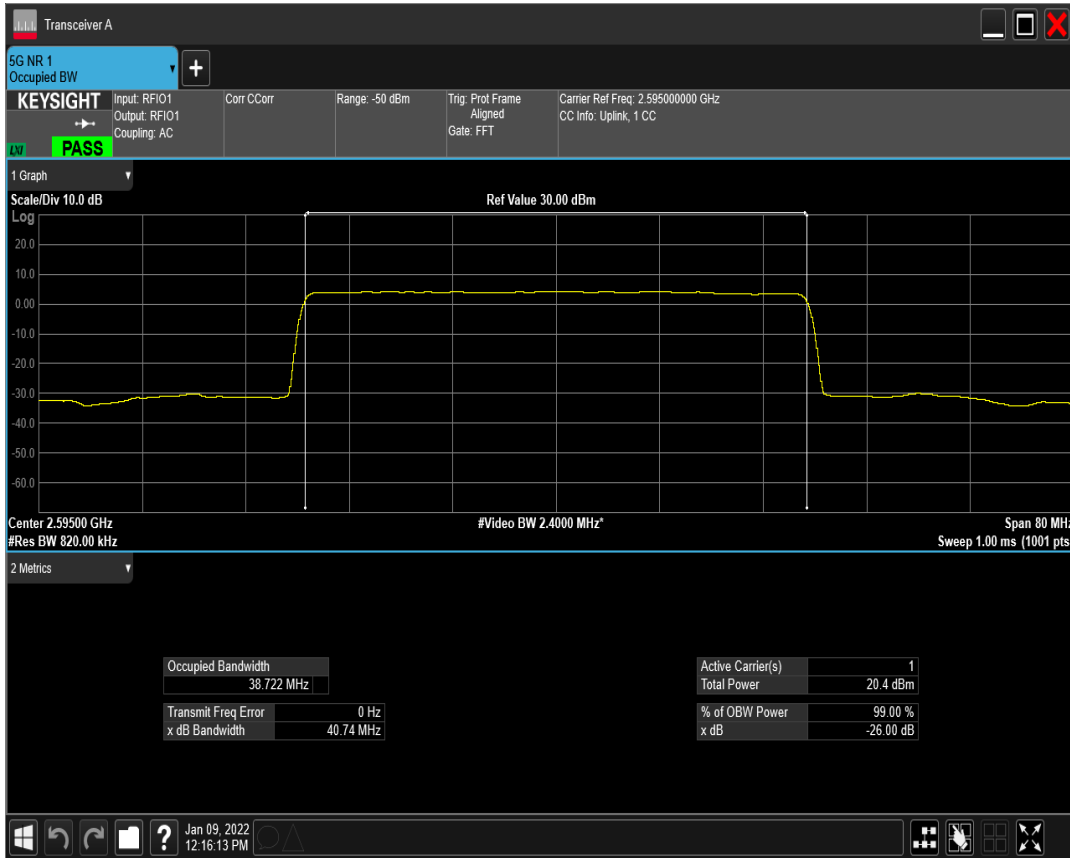
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=216@0



n38 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=216@0



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

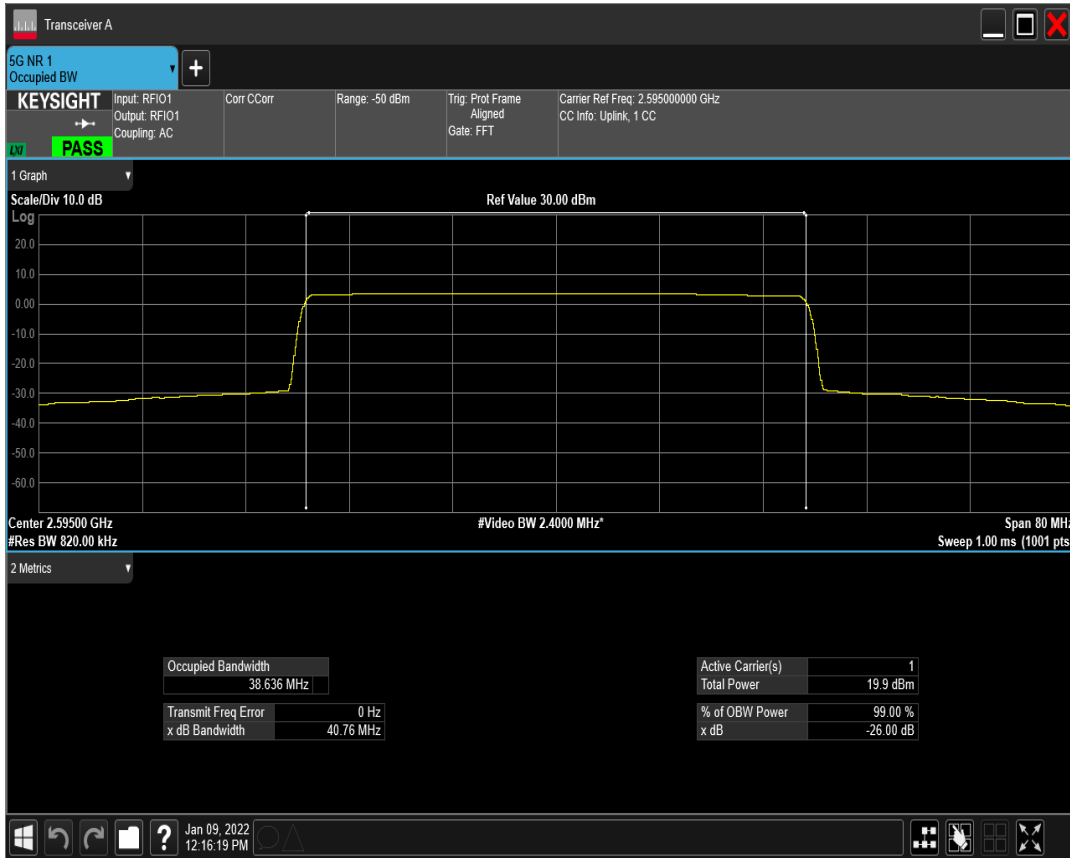


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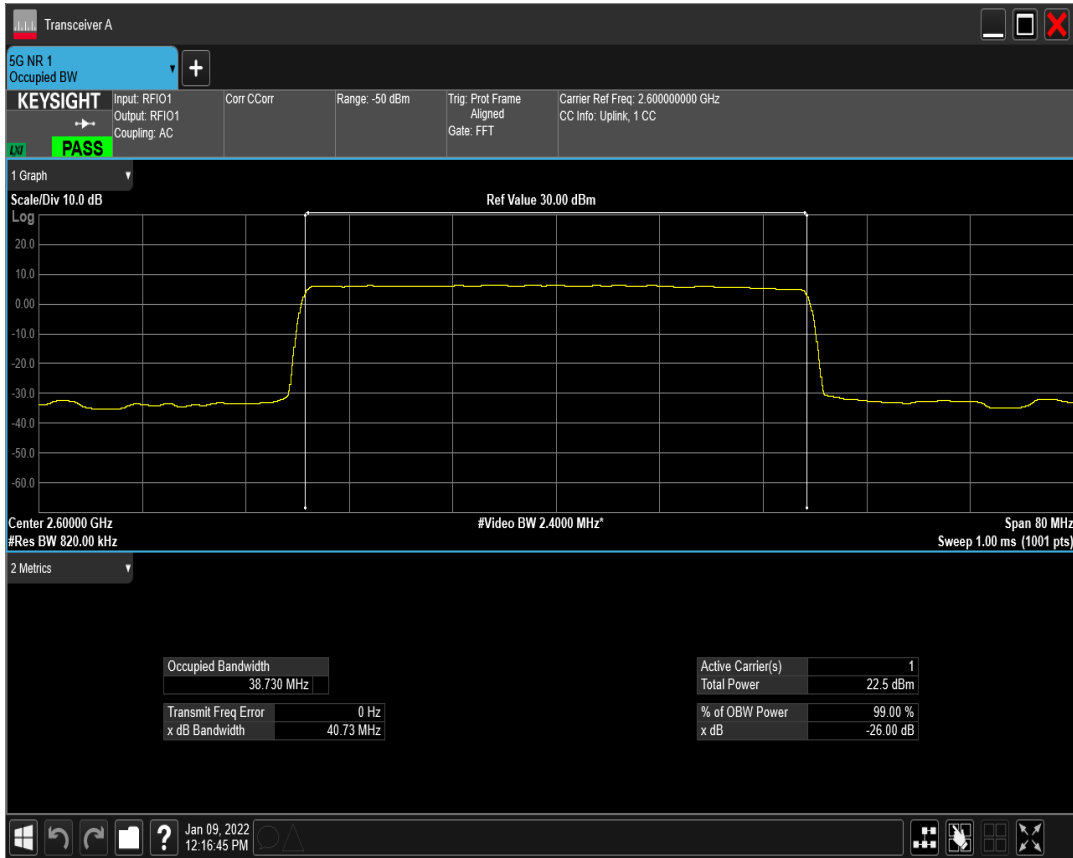




n38 SCS=15kHz CP\_QPSK BW=40MHz Channel=519000 RB=216@0



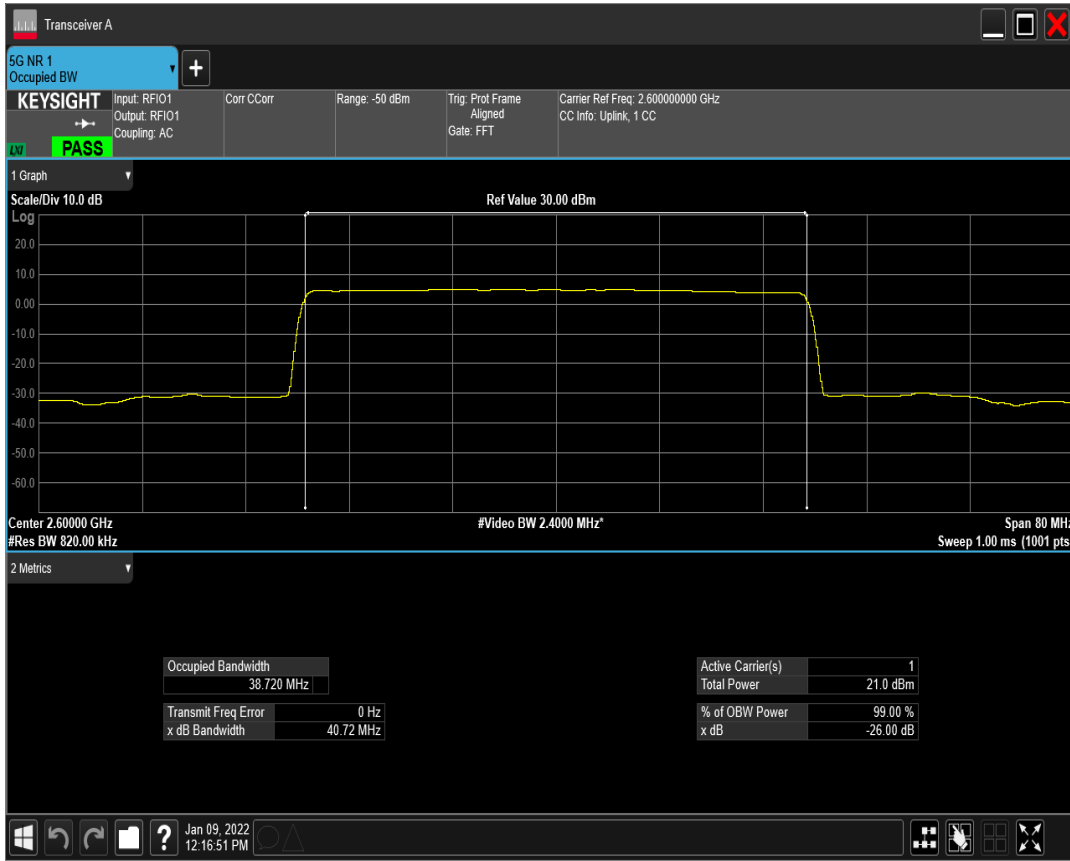
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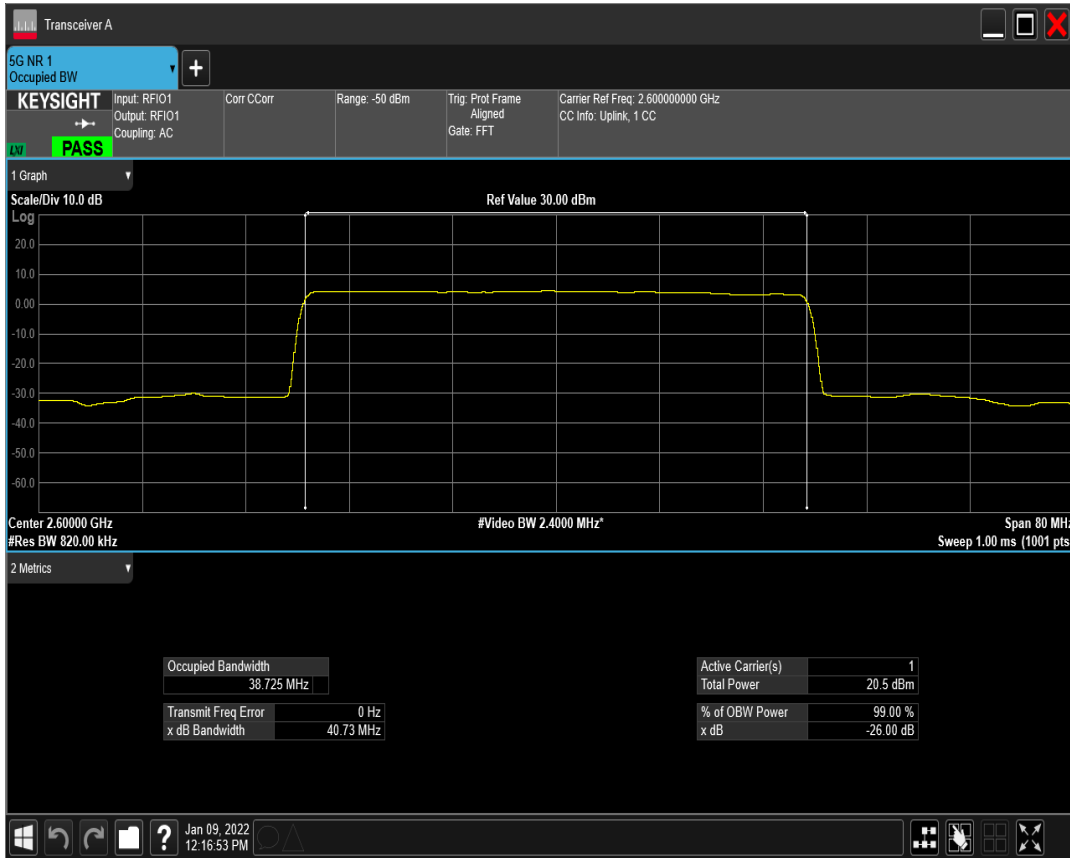
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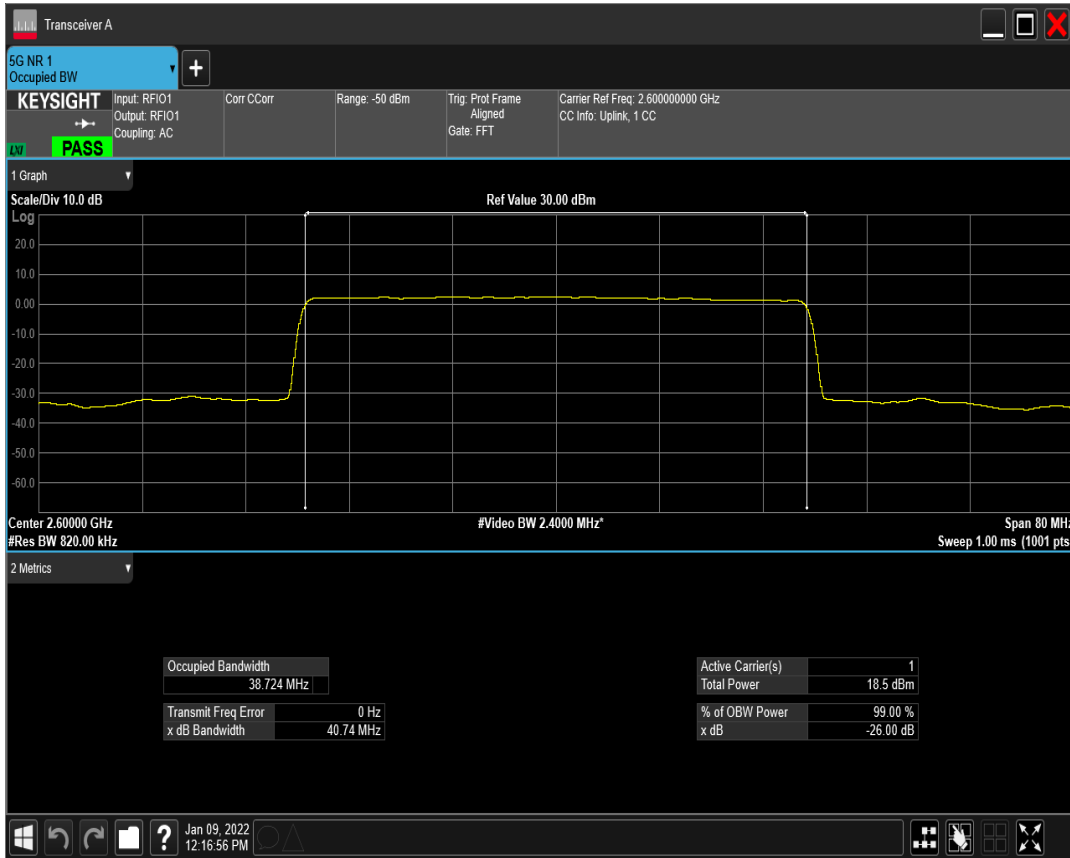
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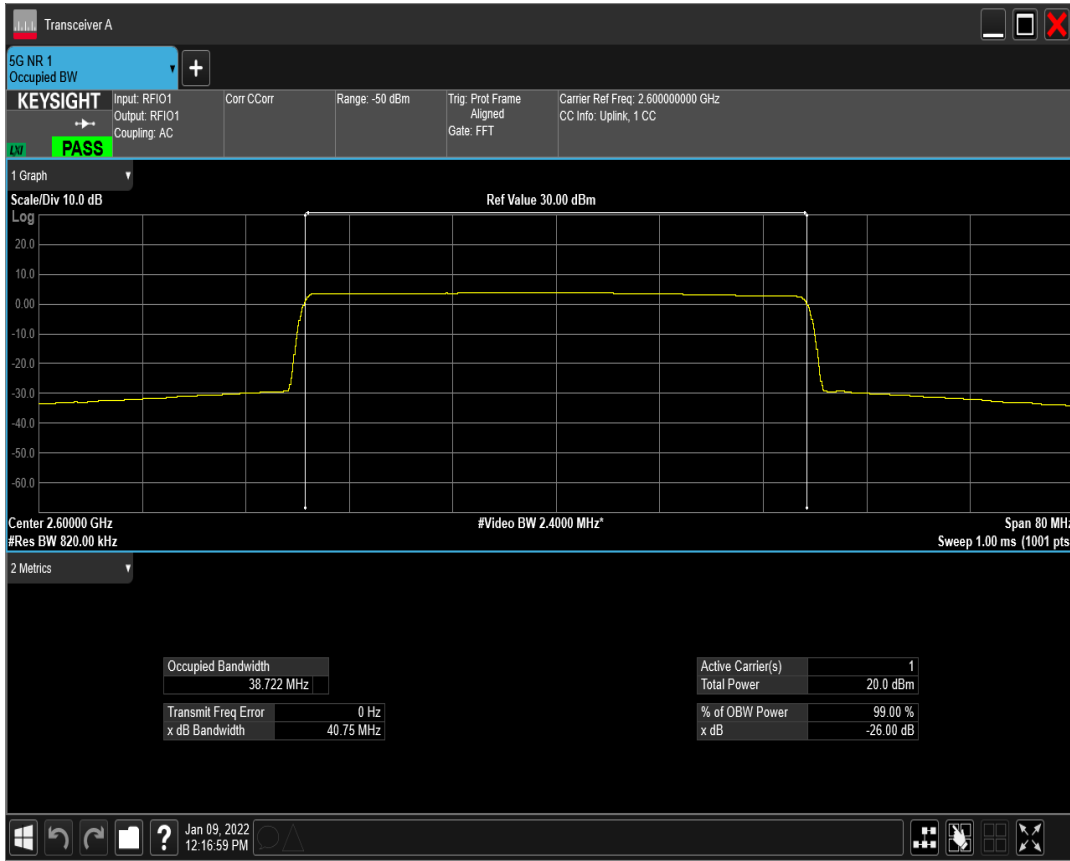
n38 SCS=15kHz DFT\_QAM64 BW=40MHz Channel=520000 RB=216@0



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



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

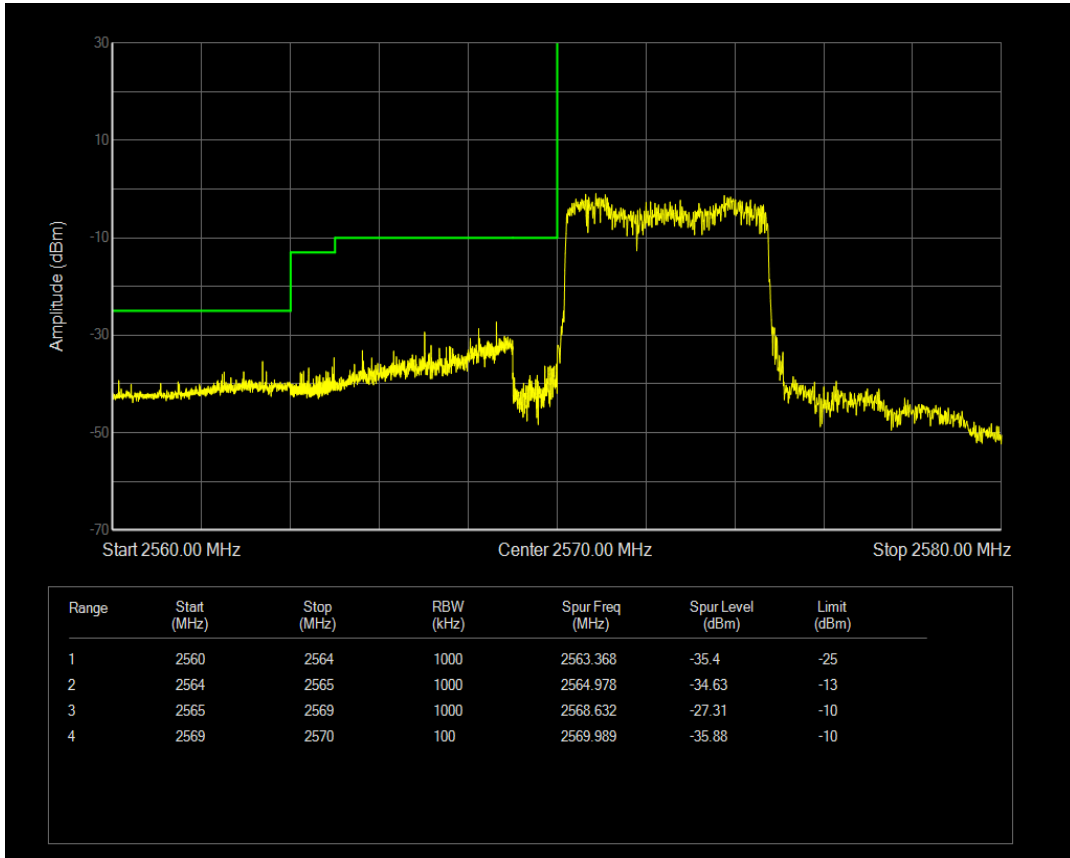


### 5 Band edge for NR FR1

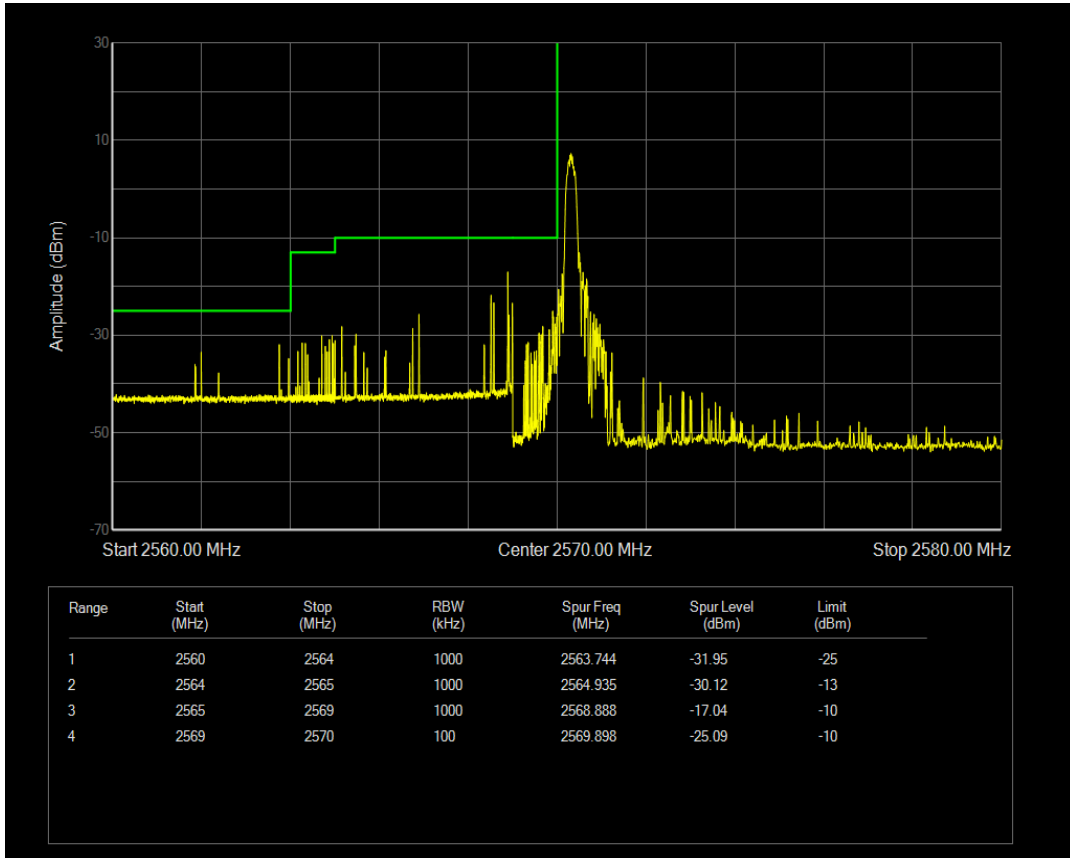
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	15	5	514500	25@0	DFT_QPSK	2563.37	-35.40	-25	PASS
n38	15	5	514500	1@0	DFT_QPSK	2563.74	-31.95	-25	PASS
n38	15	5	523500	25@0	DFT_QPSK	2627.04	-37.34	-25	PASS
n38	15	5	523500	1@24	DFT_QPSK	2626.73	-29.13	-25	PASS
n38	15	40	518000	216@0	DFT_QPSK	2569.98	-18.43	-10	PASS
n38	15	40	518000	1@0	DFT_QPSK	2568.92	-22.12	-10	PASS
n38	15	40	520000	216@0	DFT_QPSK	2620.01	-22.79	-10	PASS
n38	15	40	520000	1@215	DFT_QPSK	2667.78	-42.20	-25	PASS

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

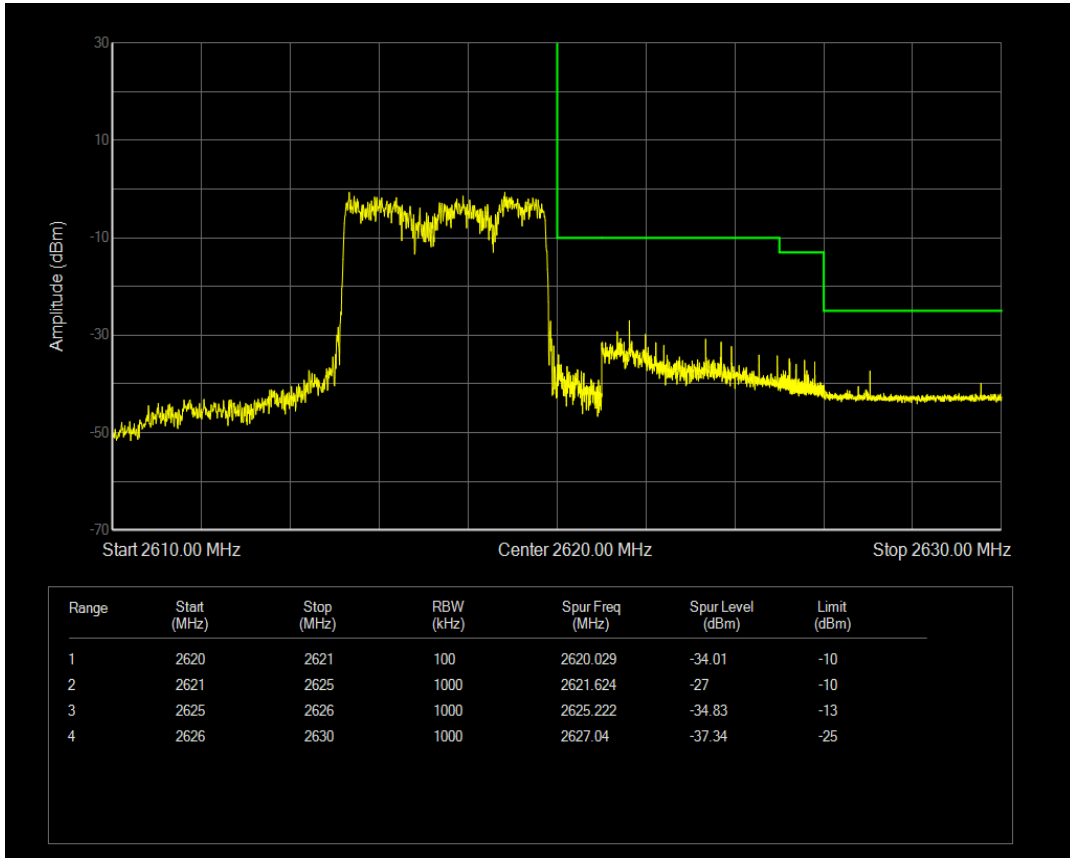




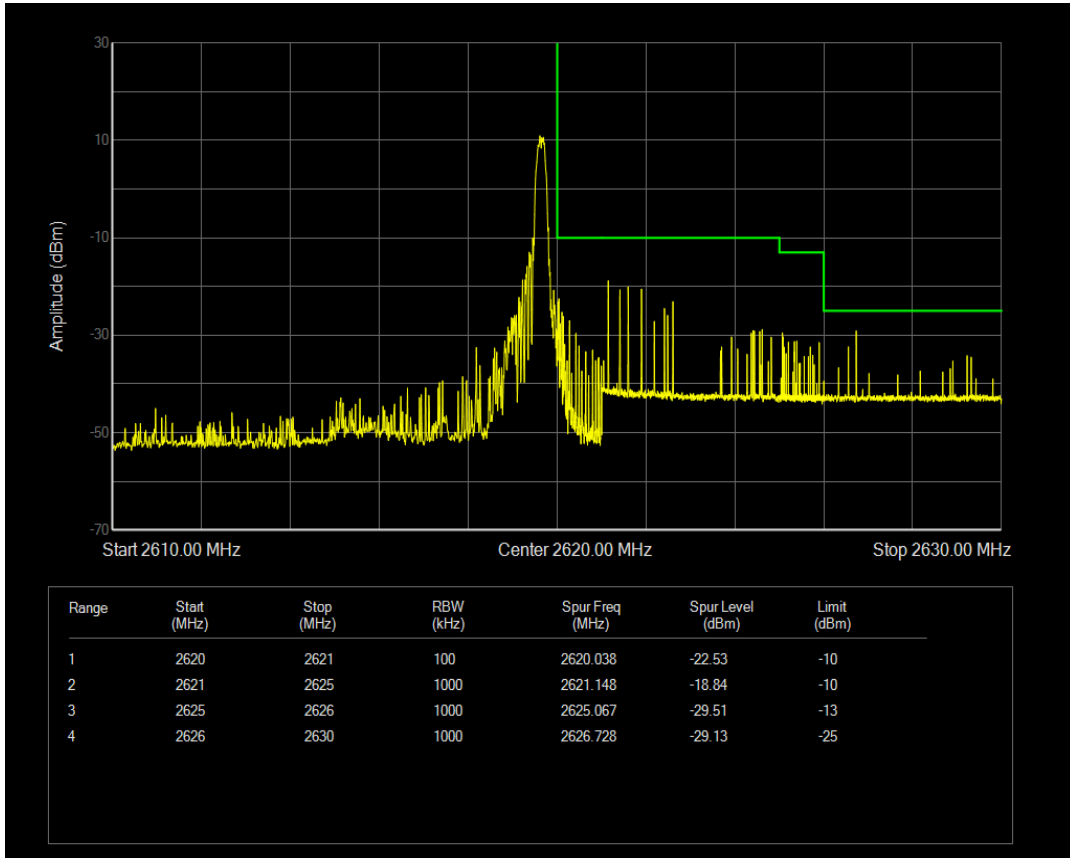
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@0



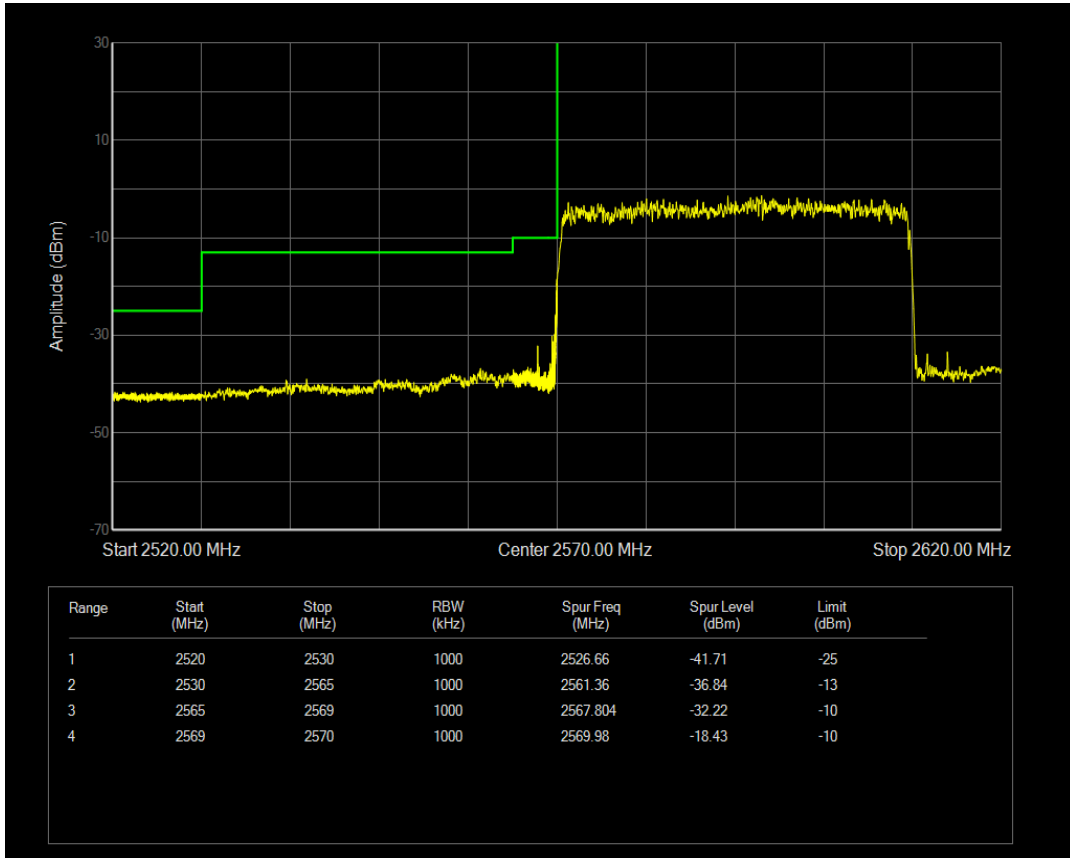
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=25@0



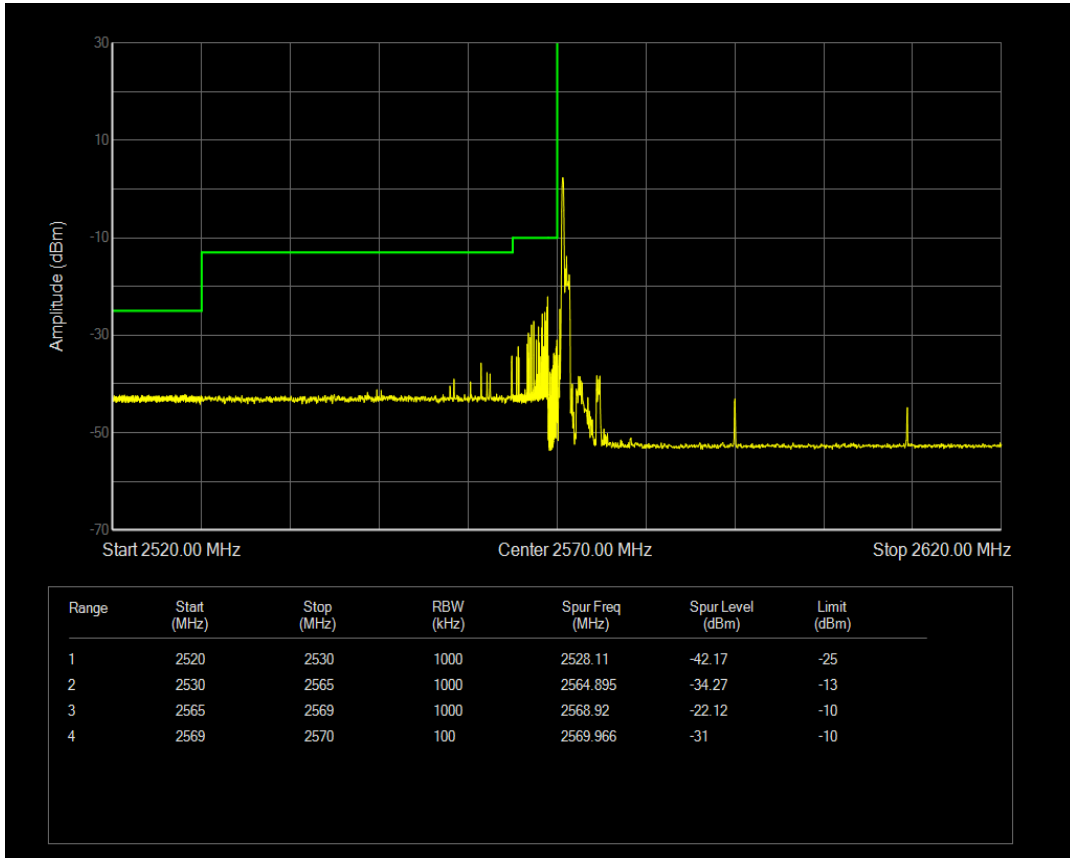
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=1 @24



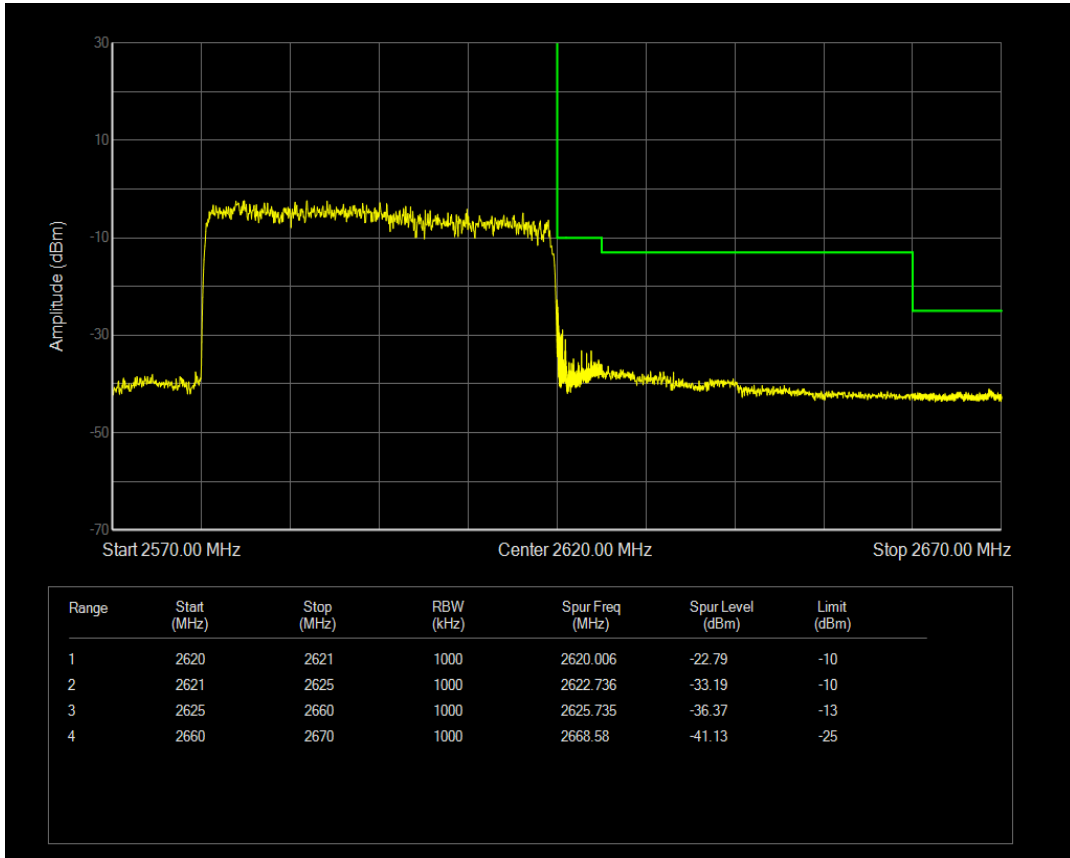
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=216@0



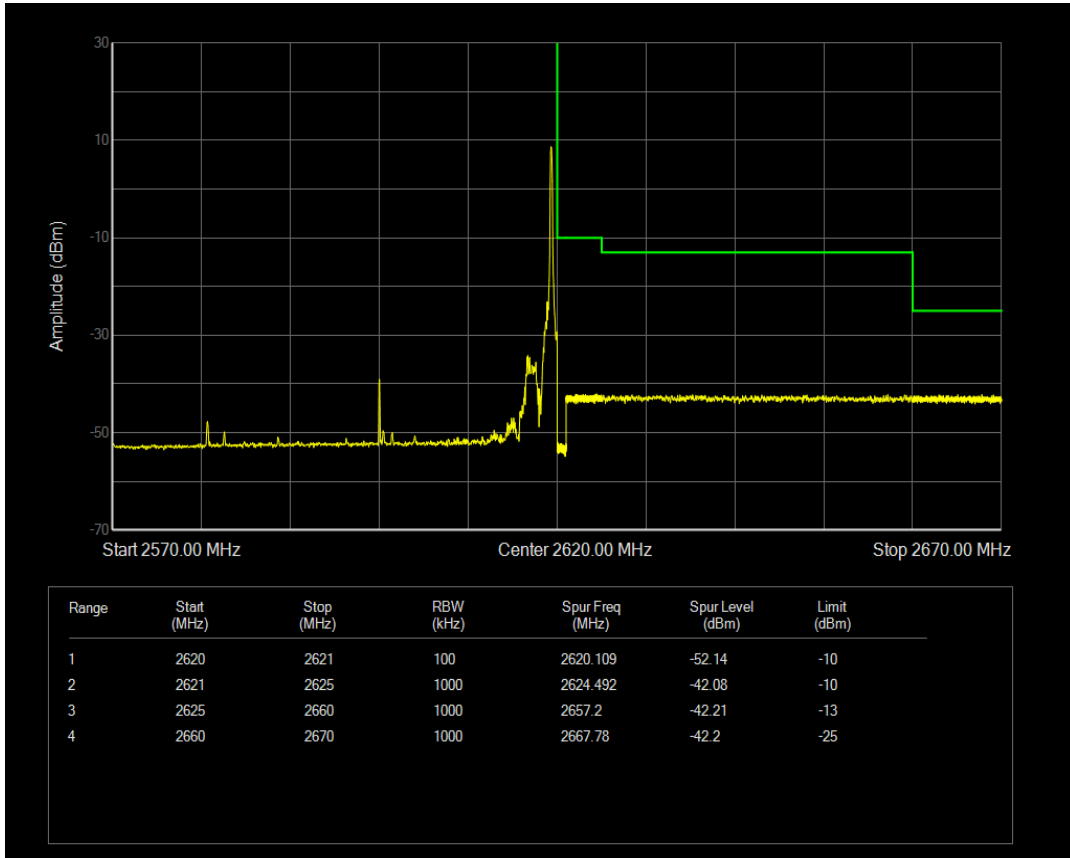
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



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



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



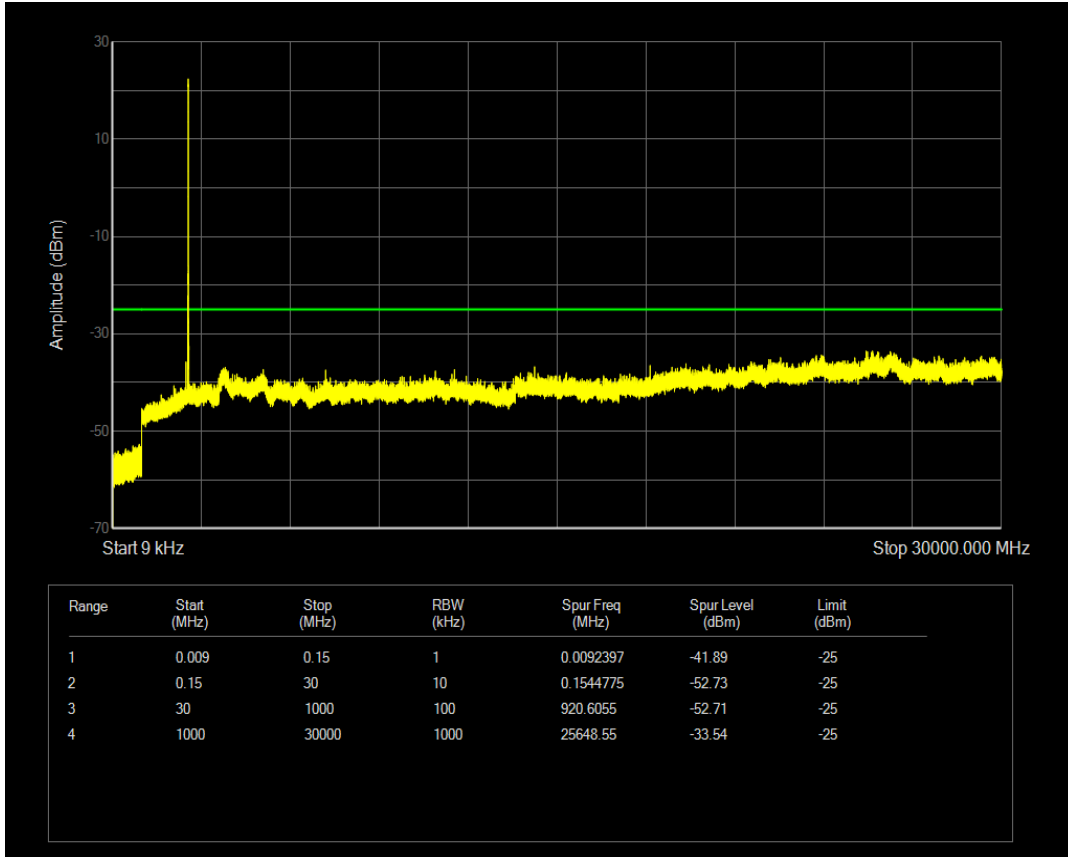
**6 Out-of-band emissions for NR FR1**

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	25648.55	-33.54	-25	PASS
n38	15	5	514500	1@0	DFT_QPSK	2534.83	-25.60	-25	PASS
n38	15	5	514500	1@24	DFT_QPSK	2655.90	-32.51	-25	PASS
n38	15	5	518500	25@0	DFT_QPSK	2536.28	-32.13	-25	PASS
n38	15	5	518500	1@0	DFT_QPSK	26375.73	-33.67	-25	PASS
n38	15	5	518500	1@24	DFT_QPSK	2641.40	-27.77	-25	PASS
n38	15	5	523500	25@0	DFT_QPSK	2649.38	-27.48	-25	PASS
n38	15	5	523500	1@0	DFT_QPSK	2529.75	-32.02	-25	PASS
n38	15	5	523500	1@24	DFT_QPSK	26251.03	-32.49	-25	PASS
n38	15	40	518000	216@0	DFT_QPSK	26206.08	-32.83	-25	PASS
n38	15	40	518000	1@0	DFT_QPSK	25711.63	-33.30	-25	PASS
n38	15	40	518000	1@215	DFT_QPSK	25605.78	-33.04	-25	PASS
n38	15	40	519000	216@0	DFT_QPSK	26185.78	-33.44	-25	PASS
n38	15	40	519000	1@0	DFT_QPSK	26316.28	-33.35	-25	PASS
n38	15	40	519000	1@215	DFT_QPSK	26272.78	-33.52	-25	PASS
n38	15	40	520000	216@0	DFT_QPSK	26019.03	-33.36	-25	PASS

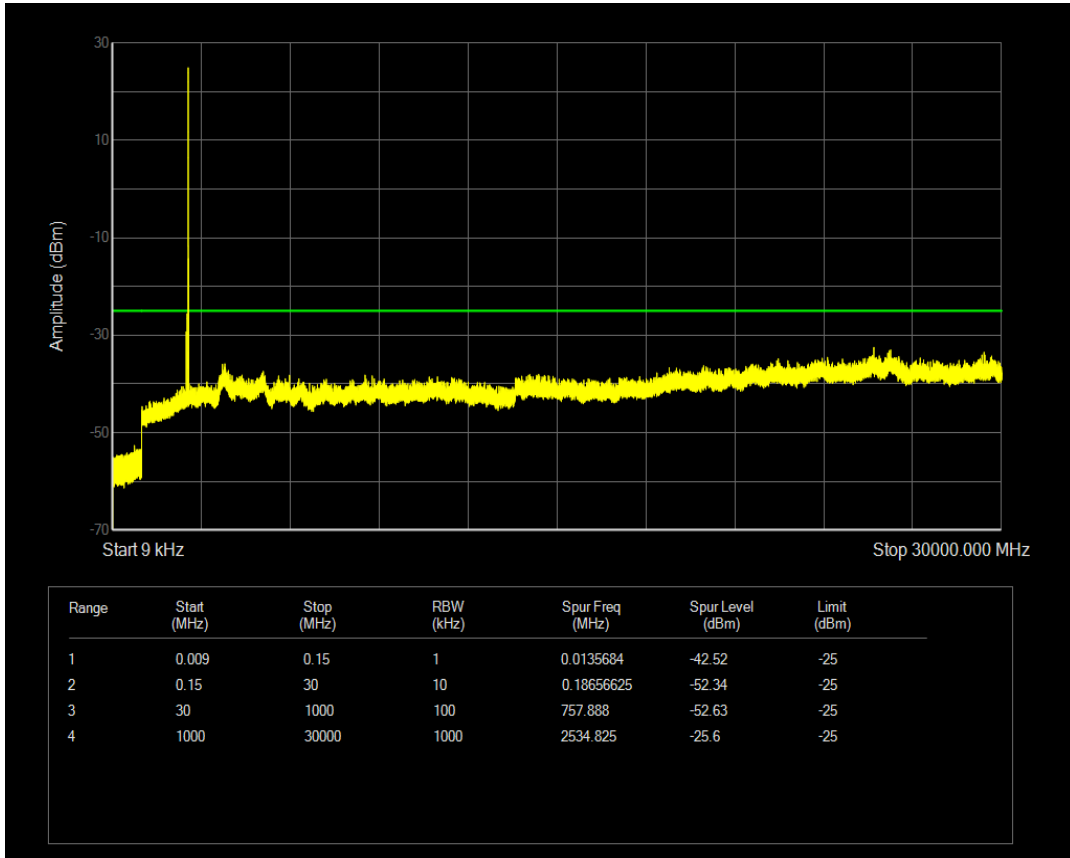


n38	15	40	520000	1@0	DFT_QPSK	25727.58	-32.77	-25	PASS
n38	15	40	520000	1@215	DFT_QPSK	26225.65	-33.54	-25	PASS

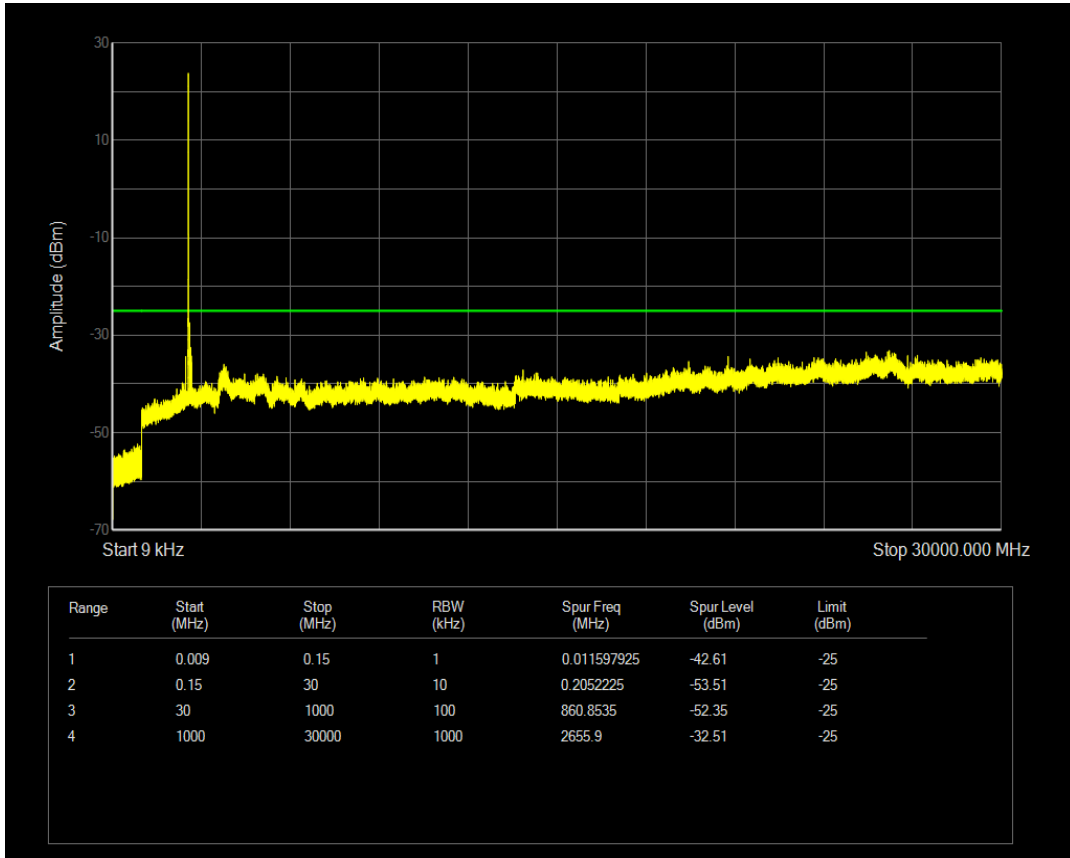
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=25@0



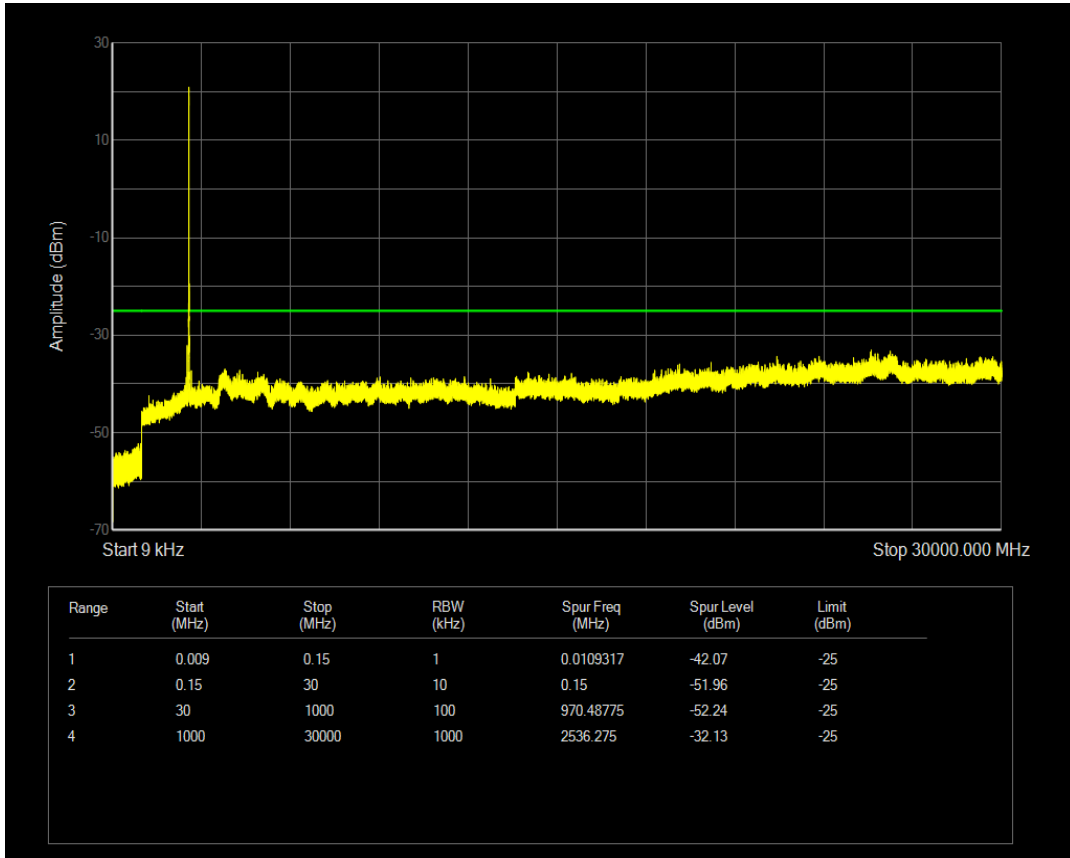
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@0



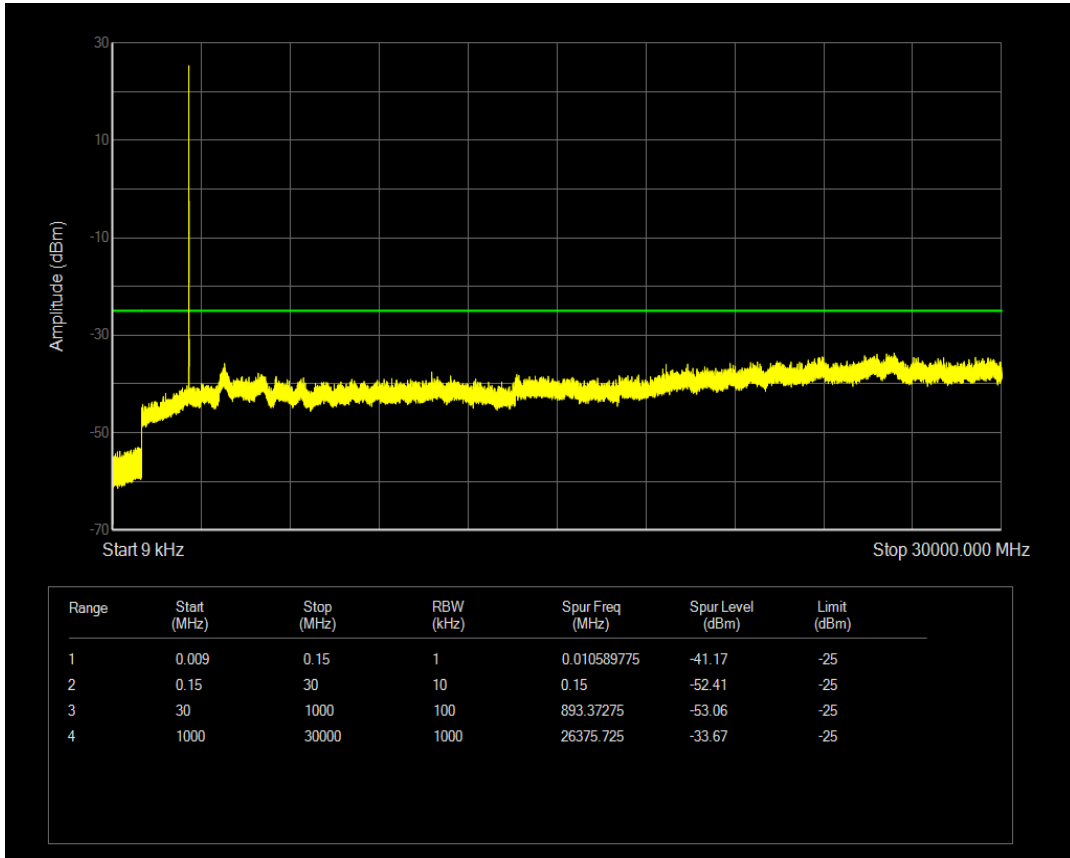
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@24



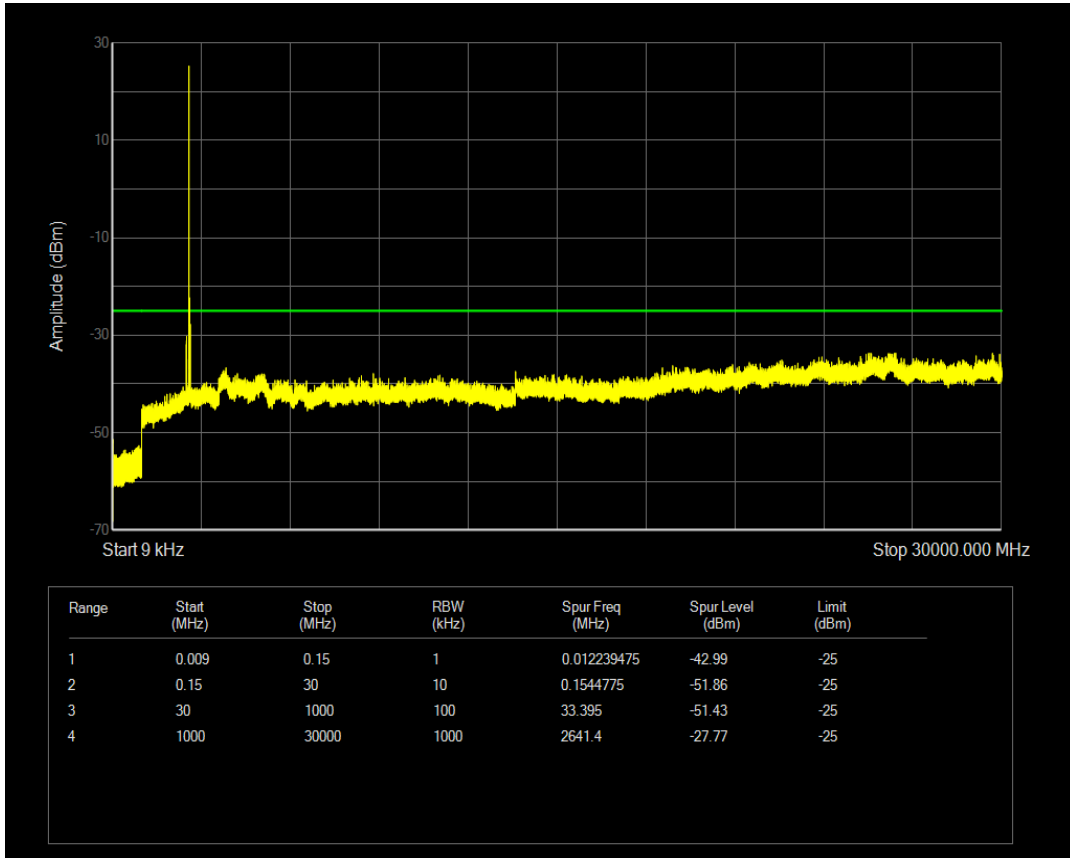
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=518500 RB=25@0



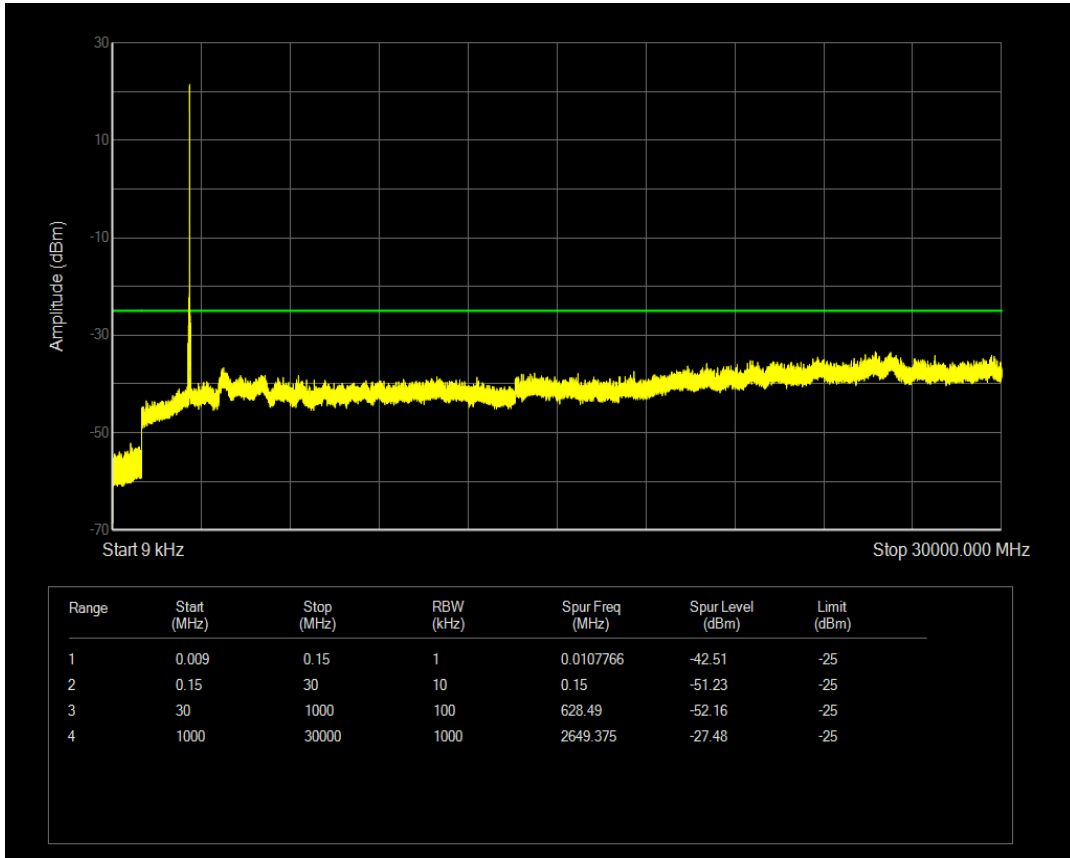
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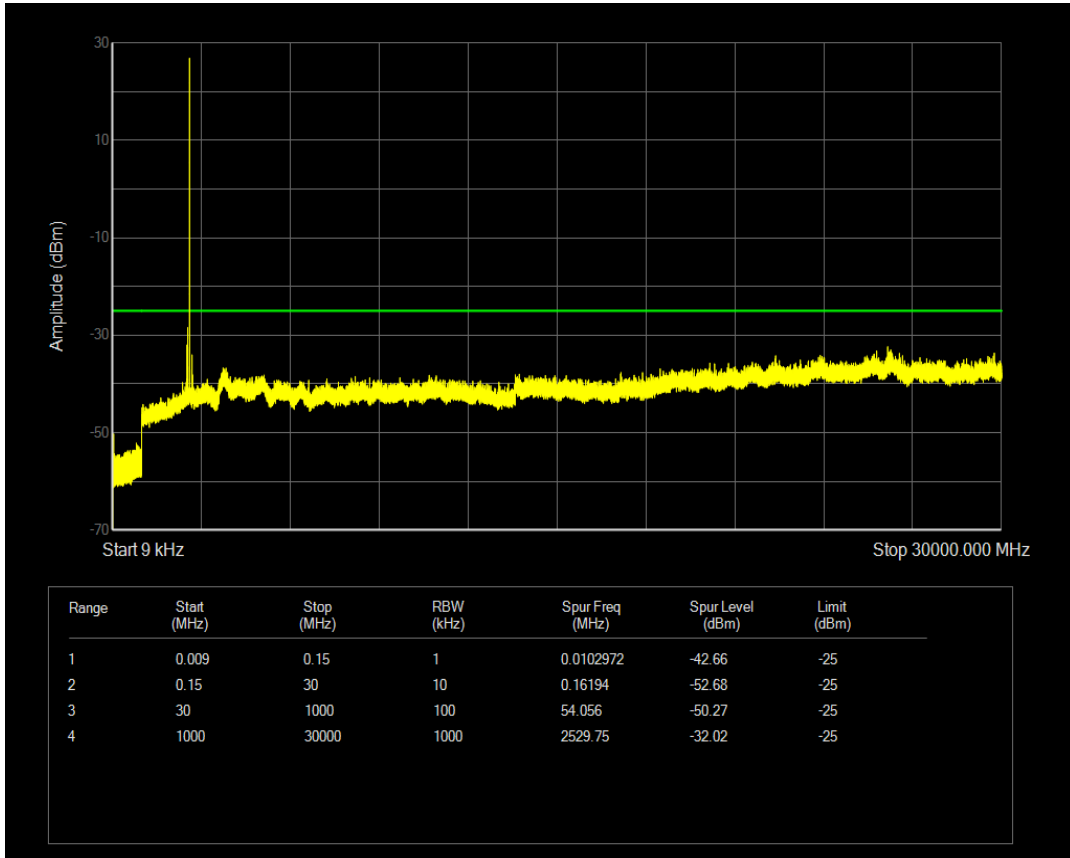
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=518500 RB=1@24



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

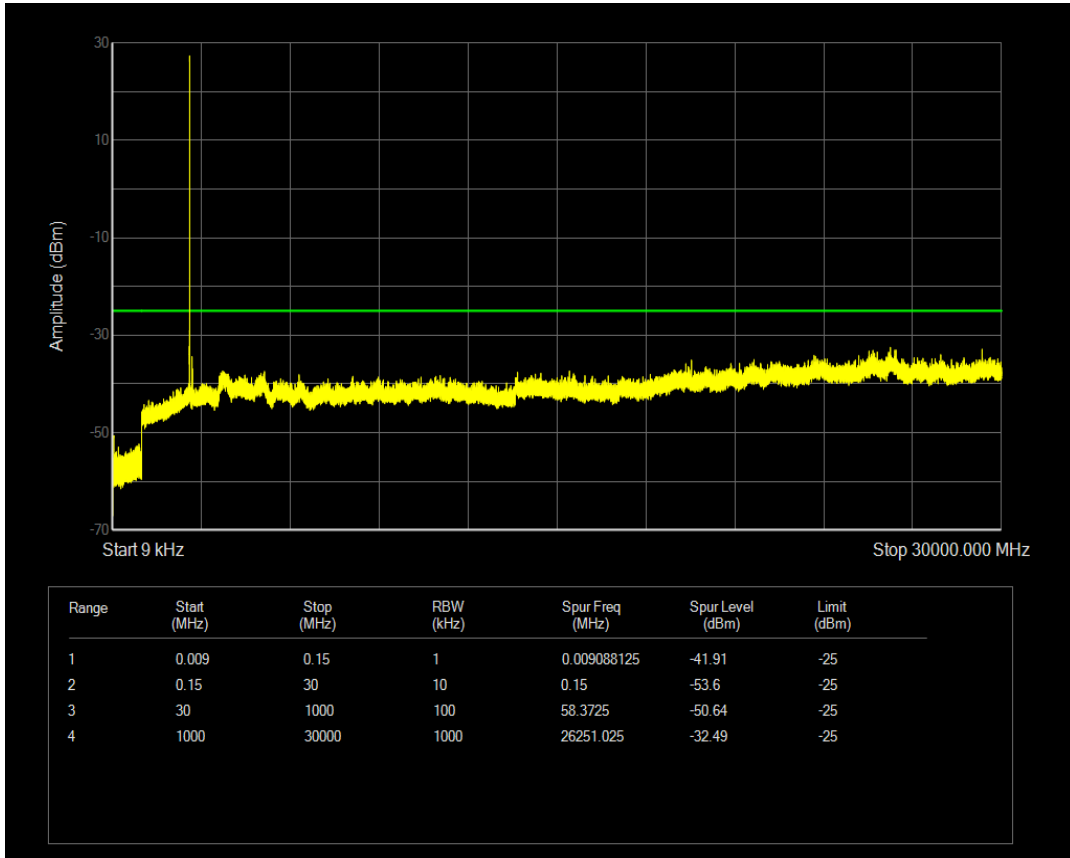


n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=1@0

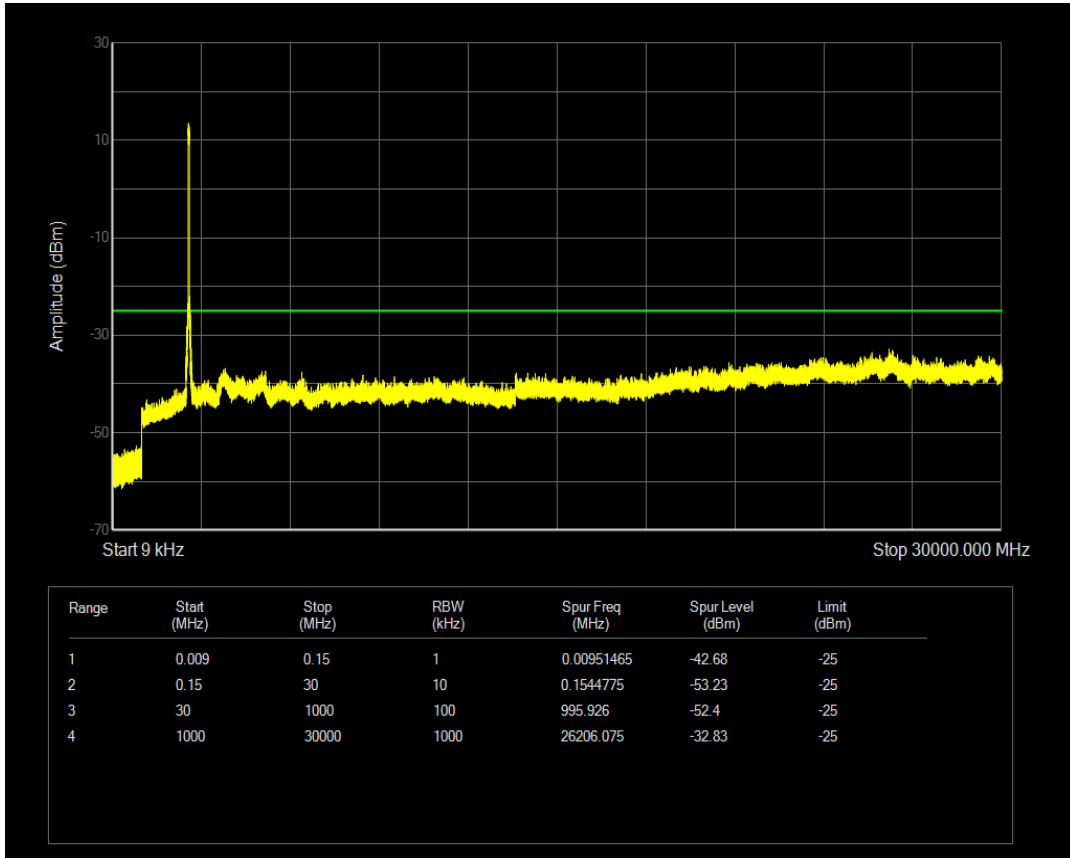


n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=1@24

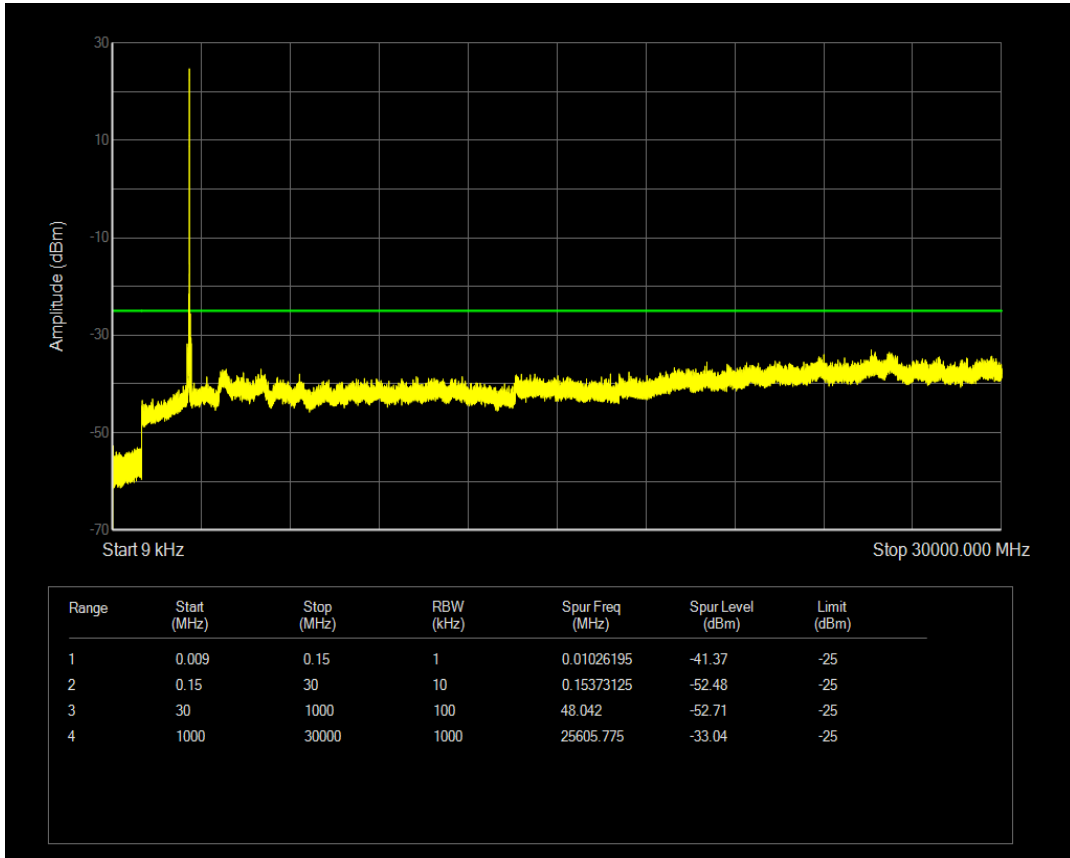




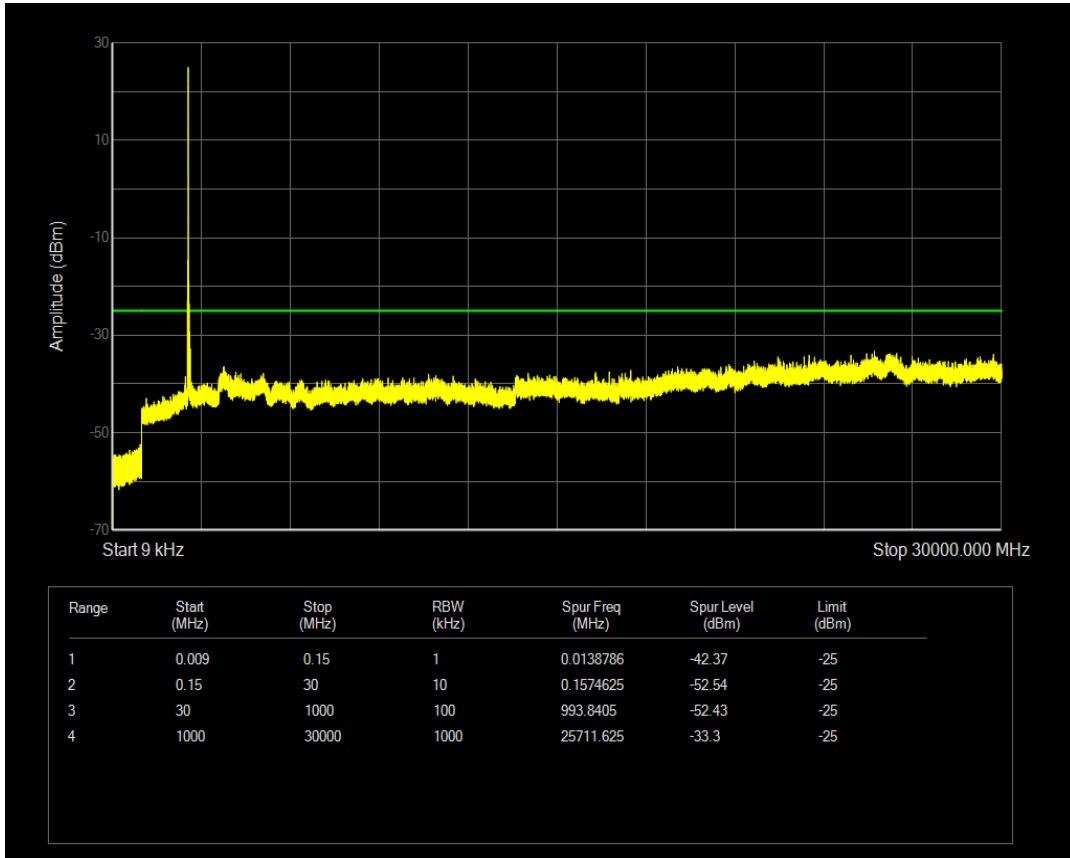
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=216@0



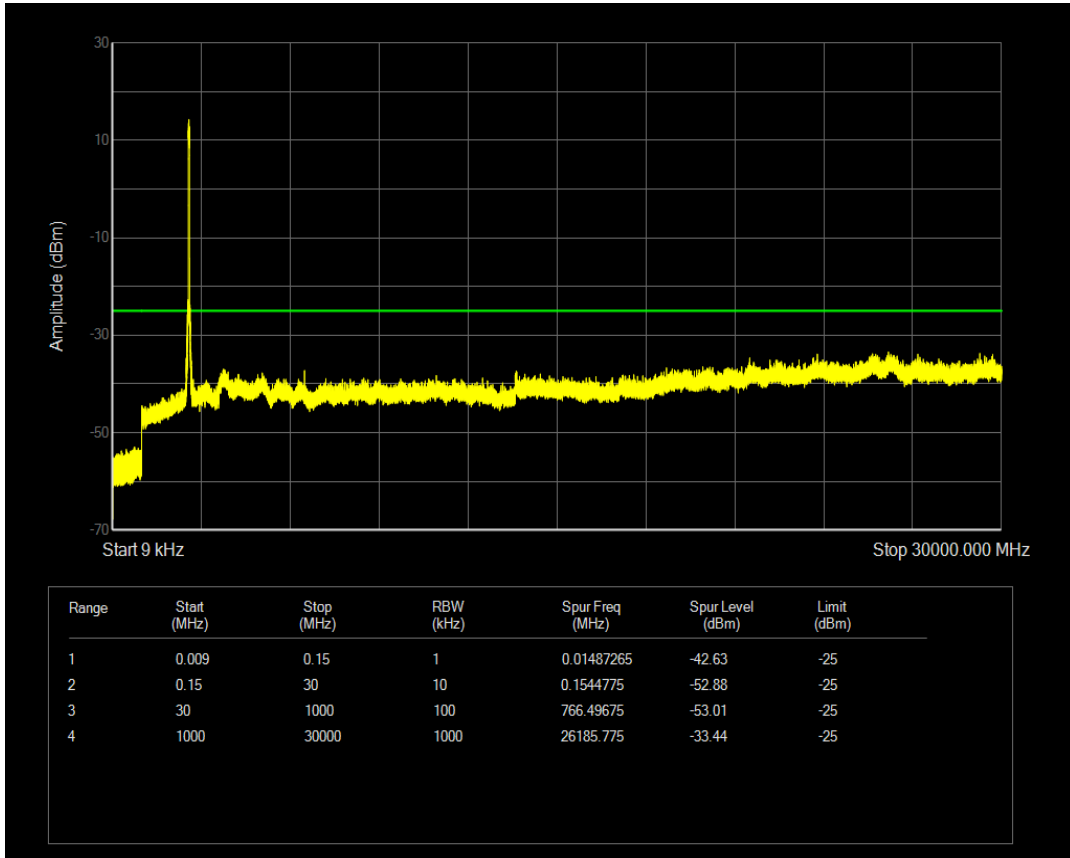
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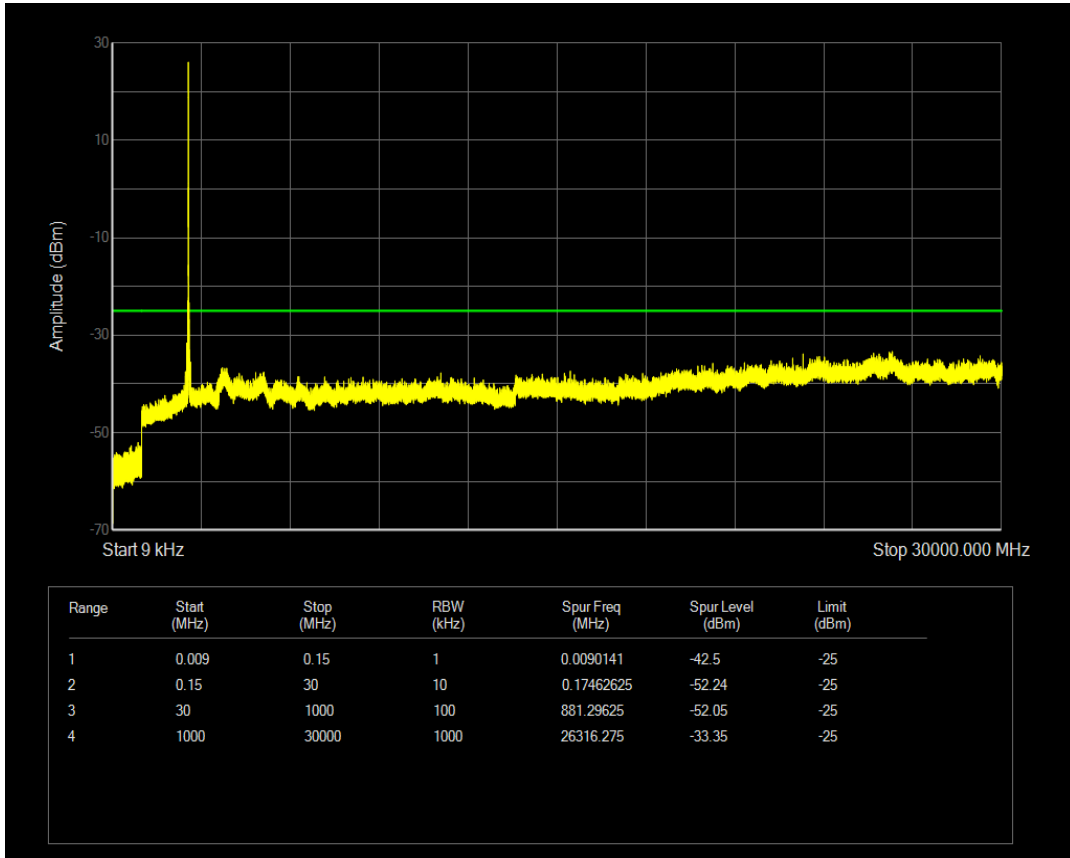
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



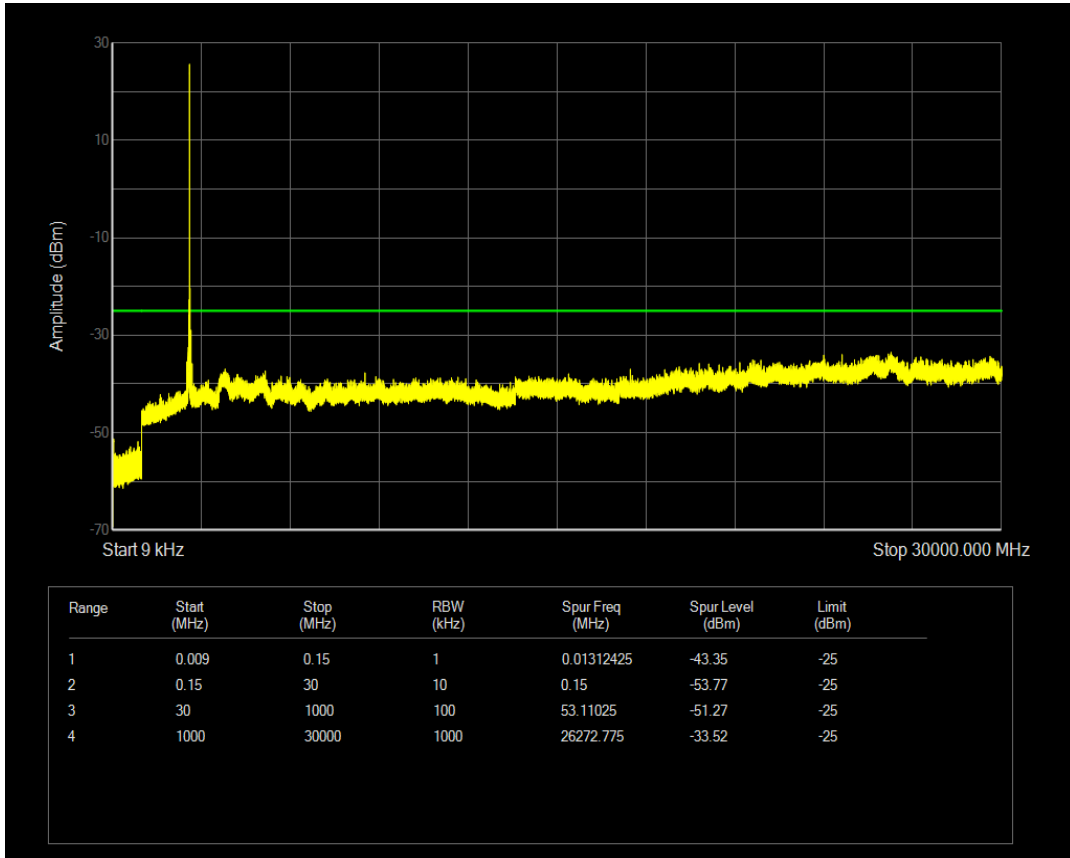
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=216@0



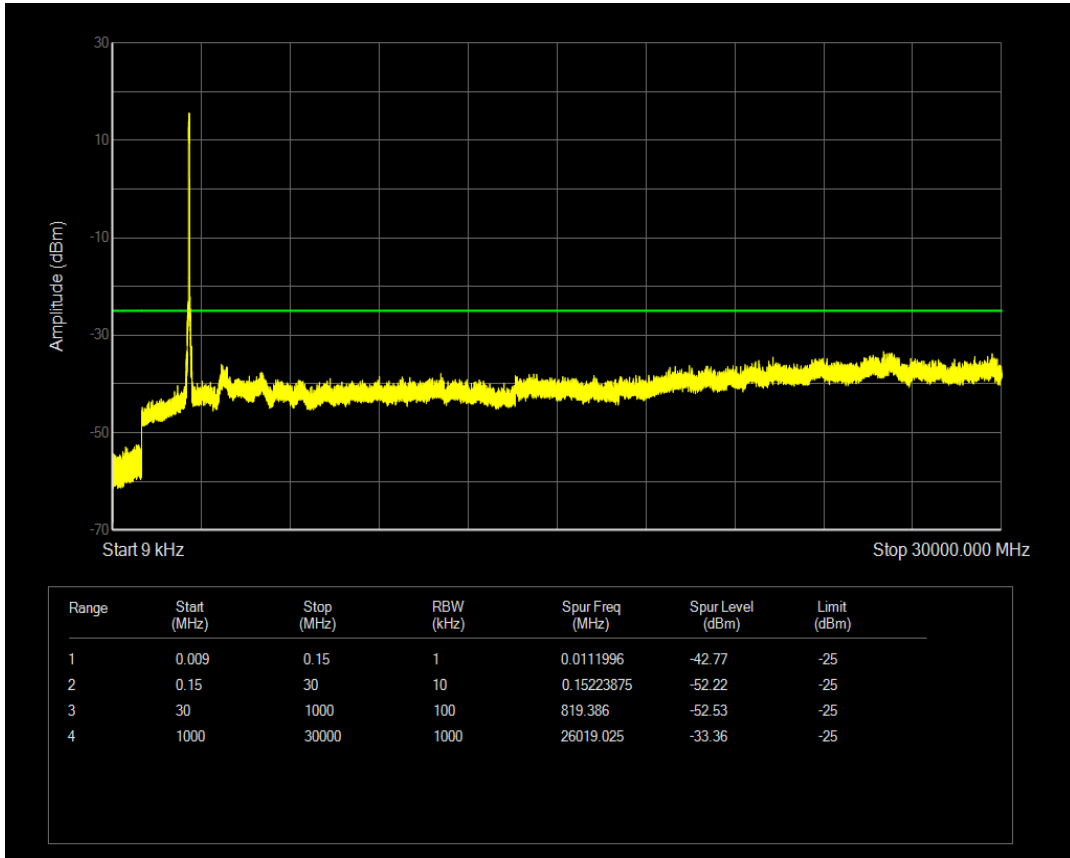
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@0



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

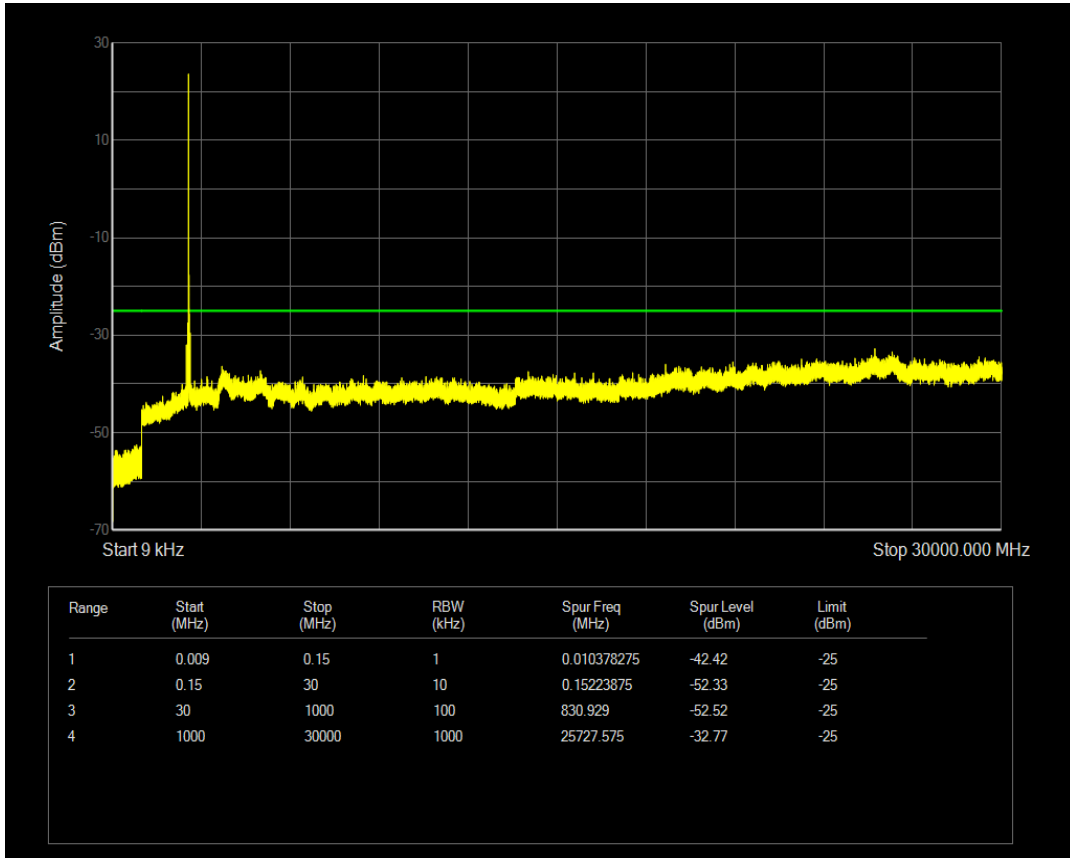


n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=216@0



n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1@0





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

