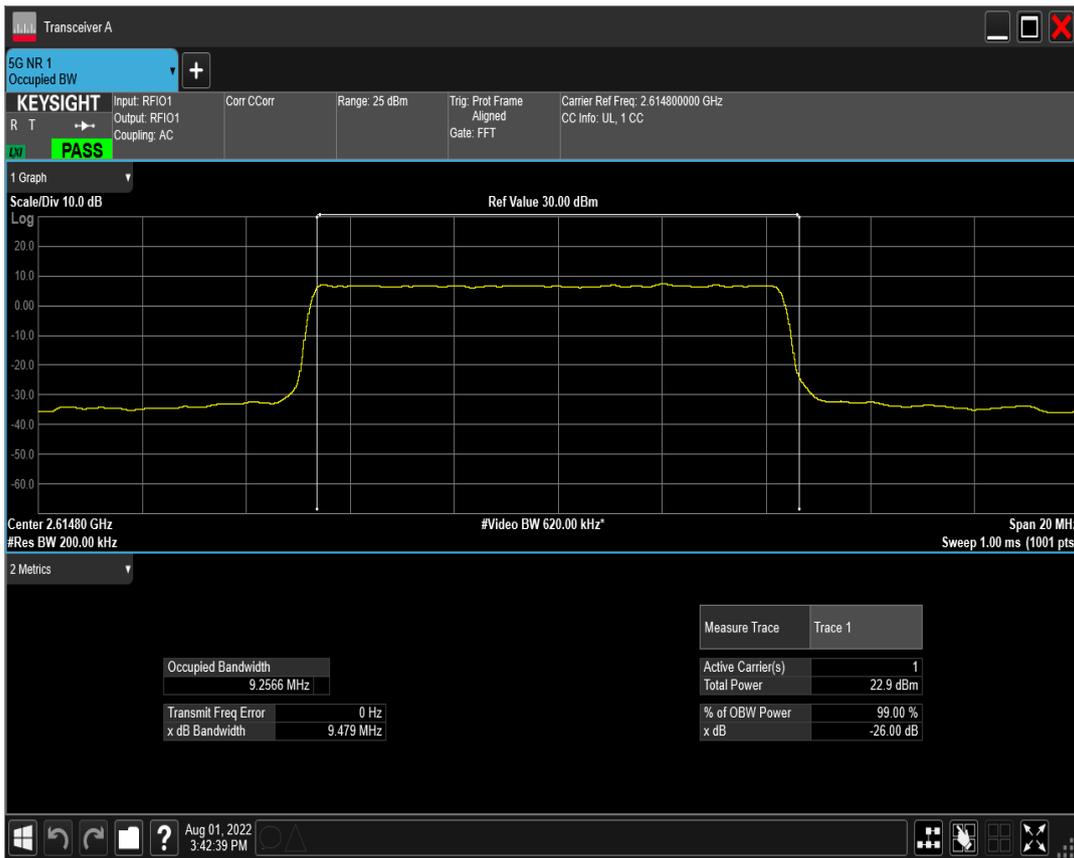




n38 SCS=15kHz DFT\_BPSK BW=10MHz Channel=523000 RB=50@0



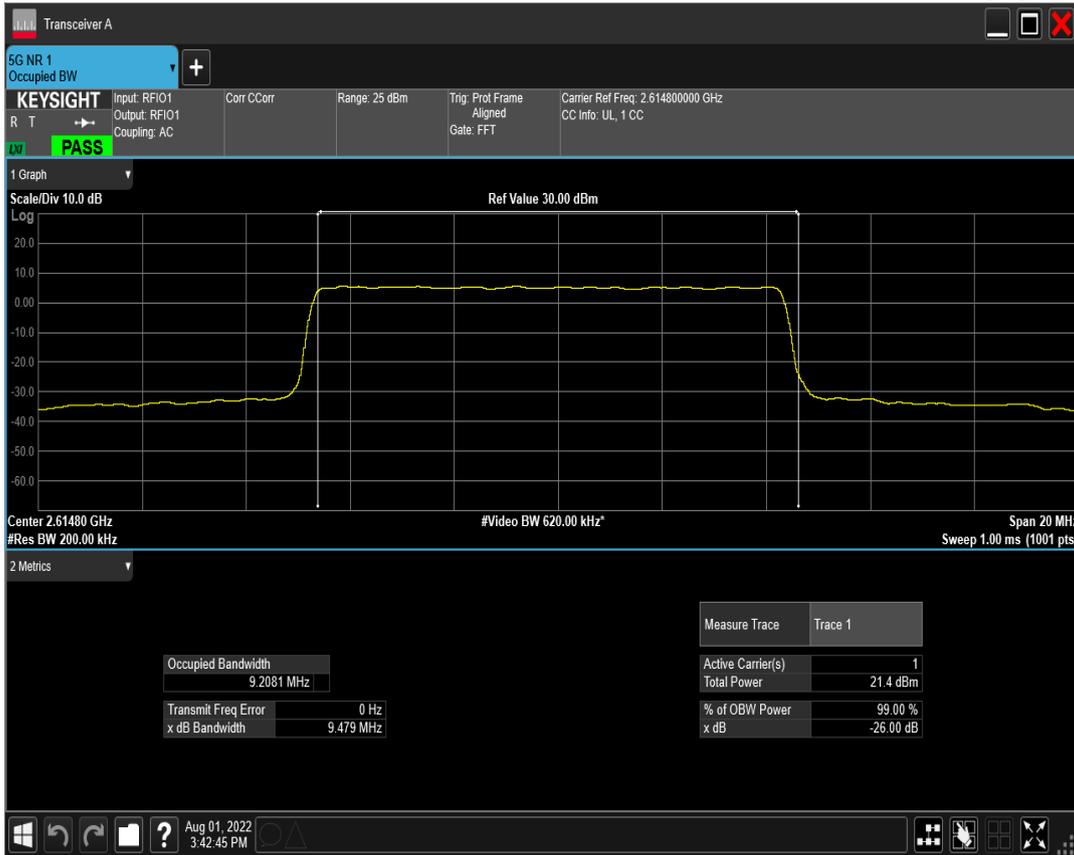
n38 SCS=15kHz DFT\_QPSK BW=10MHz Channel=523000 RB=50@0



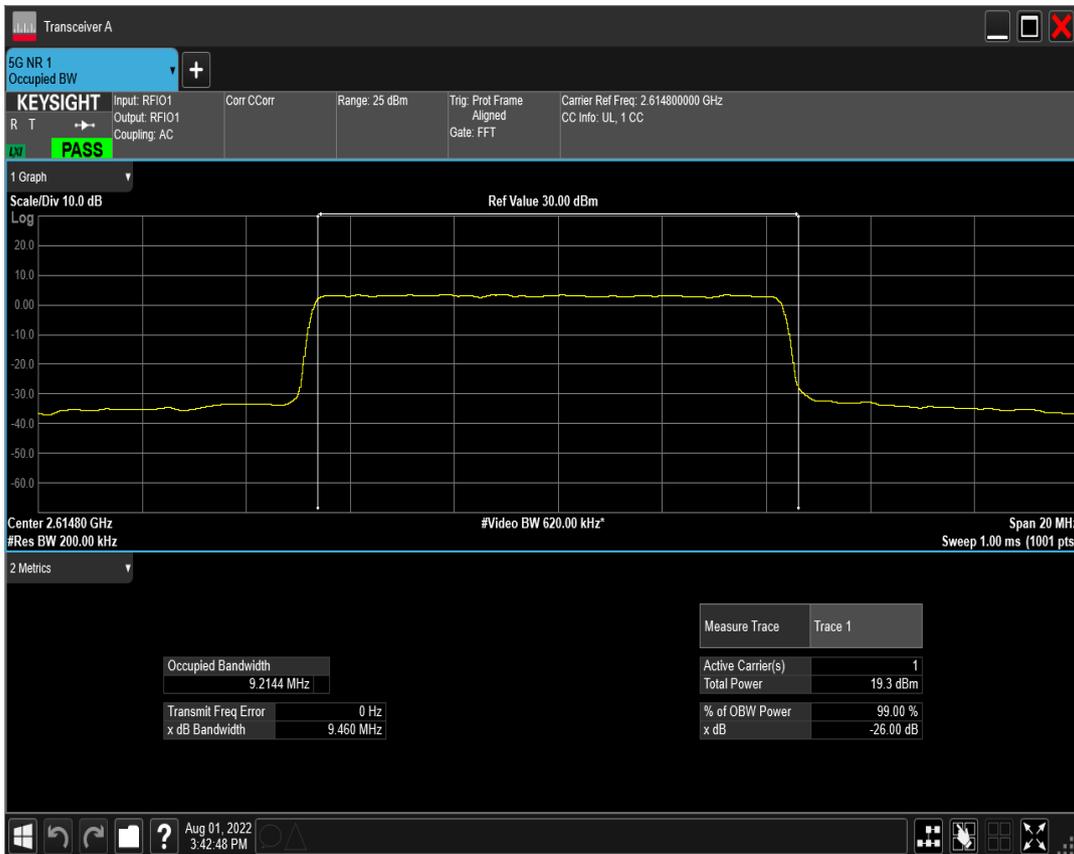
n38 SCS=15kHz DFT\_QAM16 BW=10MHz Channel=523000 RB=50@0



n38 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=523000 RB=50@0



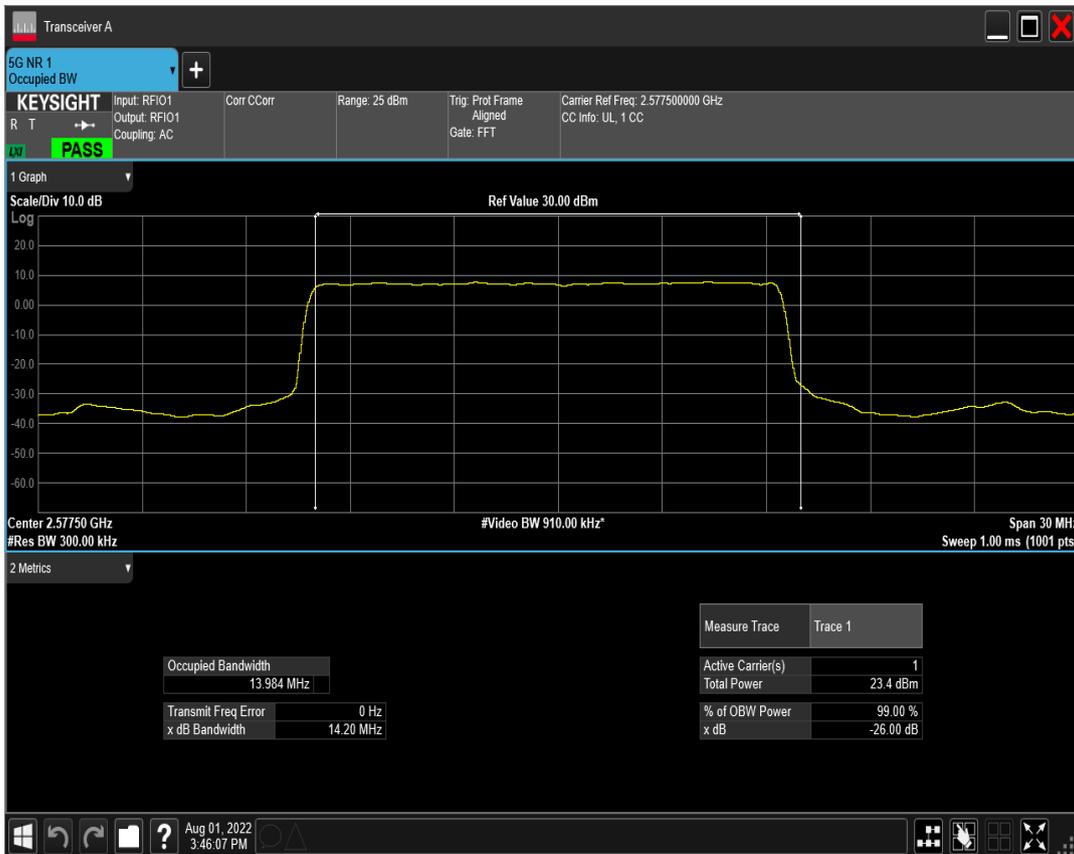
n38 SCS=15kHz DFT\_QAM256 BW=10MHz Channel=523000 RB=50@0



n38 SCS=15kHz CP\_QPSK BW=10MHz Channel=523000 RB=52@0



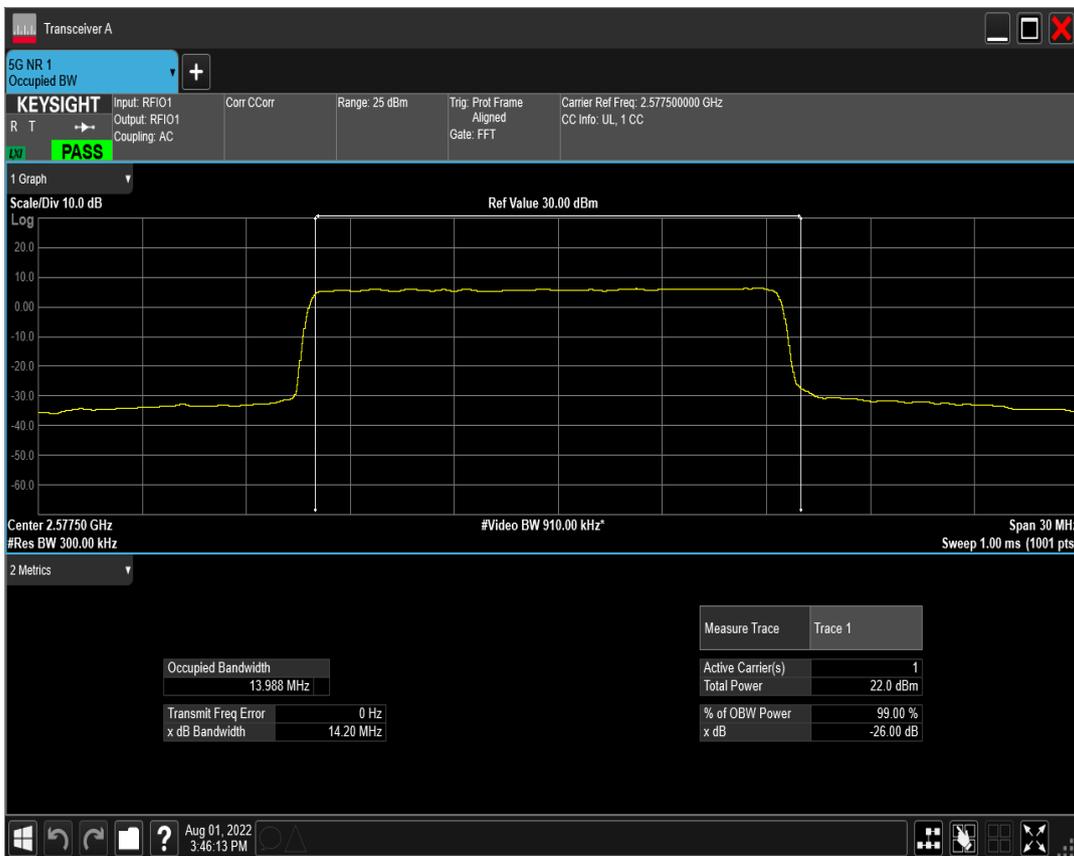
n38 SCS=15kHz DFT\_BPSK BW=15MHz Channel=515500 RB=75 @0



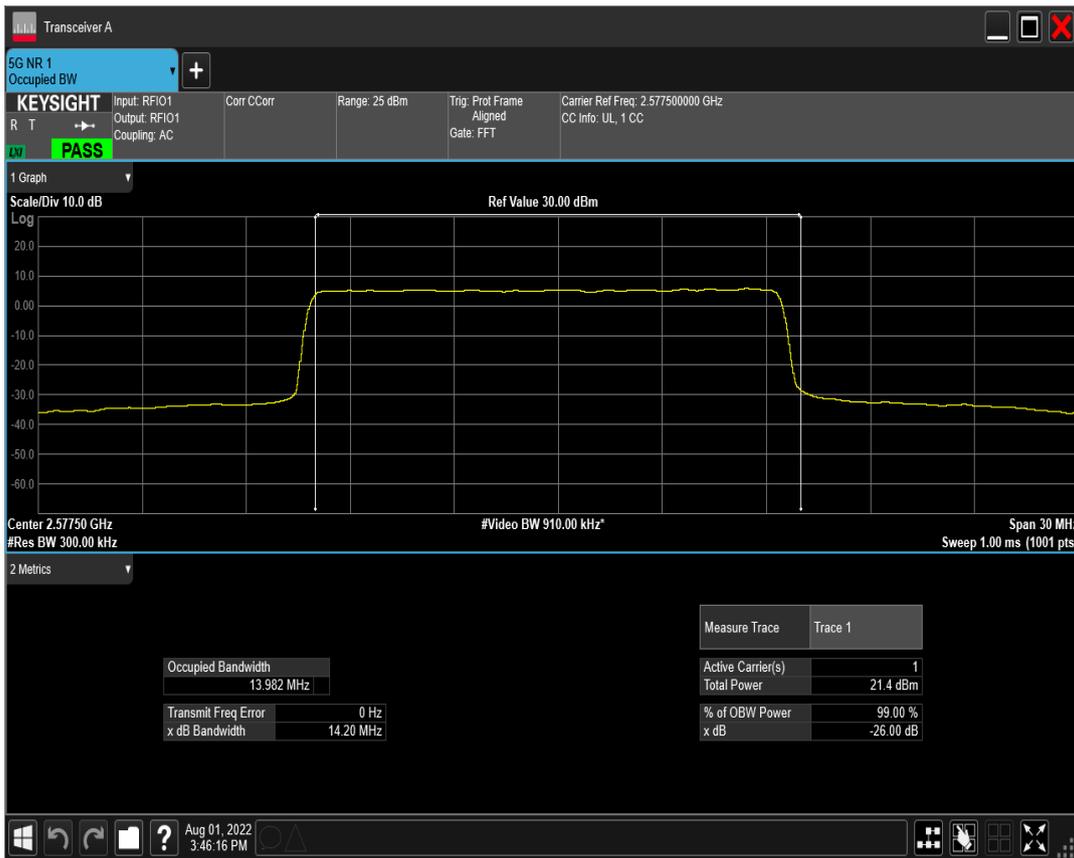
n38 SCS=15kHz DFT\_QPSK BW=15MHz Channel=515500 RB=75 @0



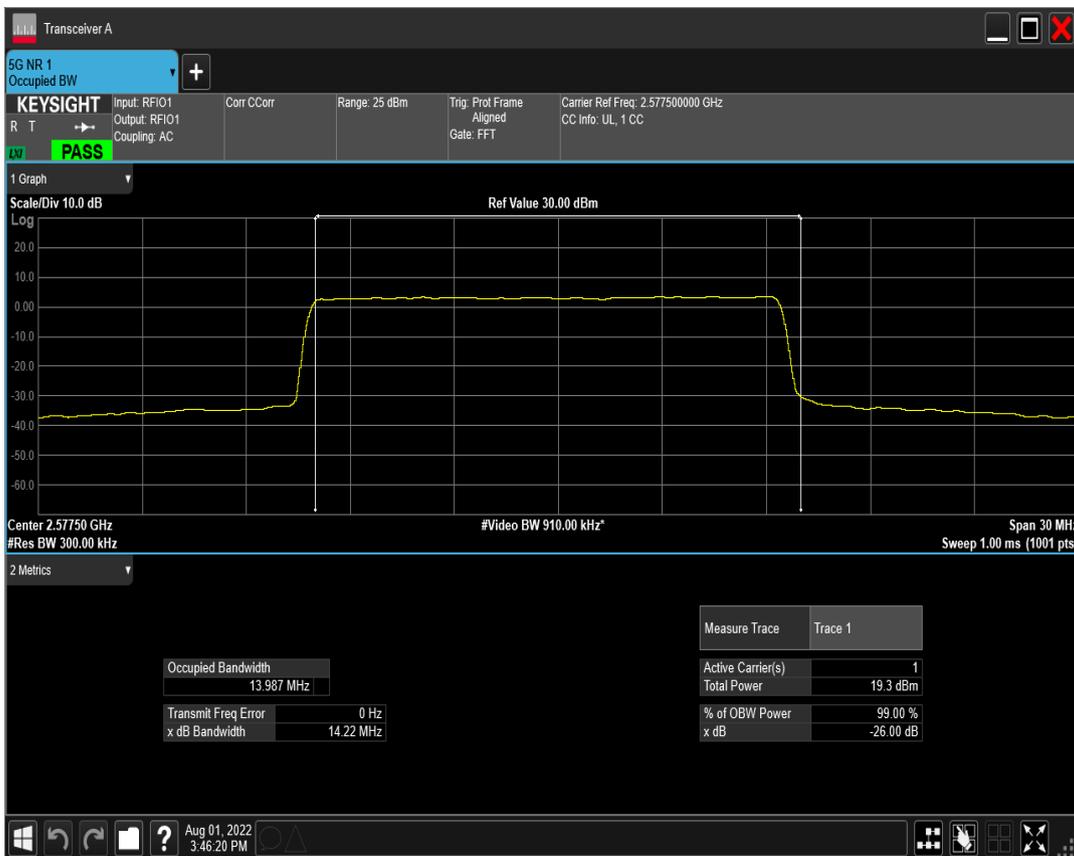
n38 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=515500 RB=75@0



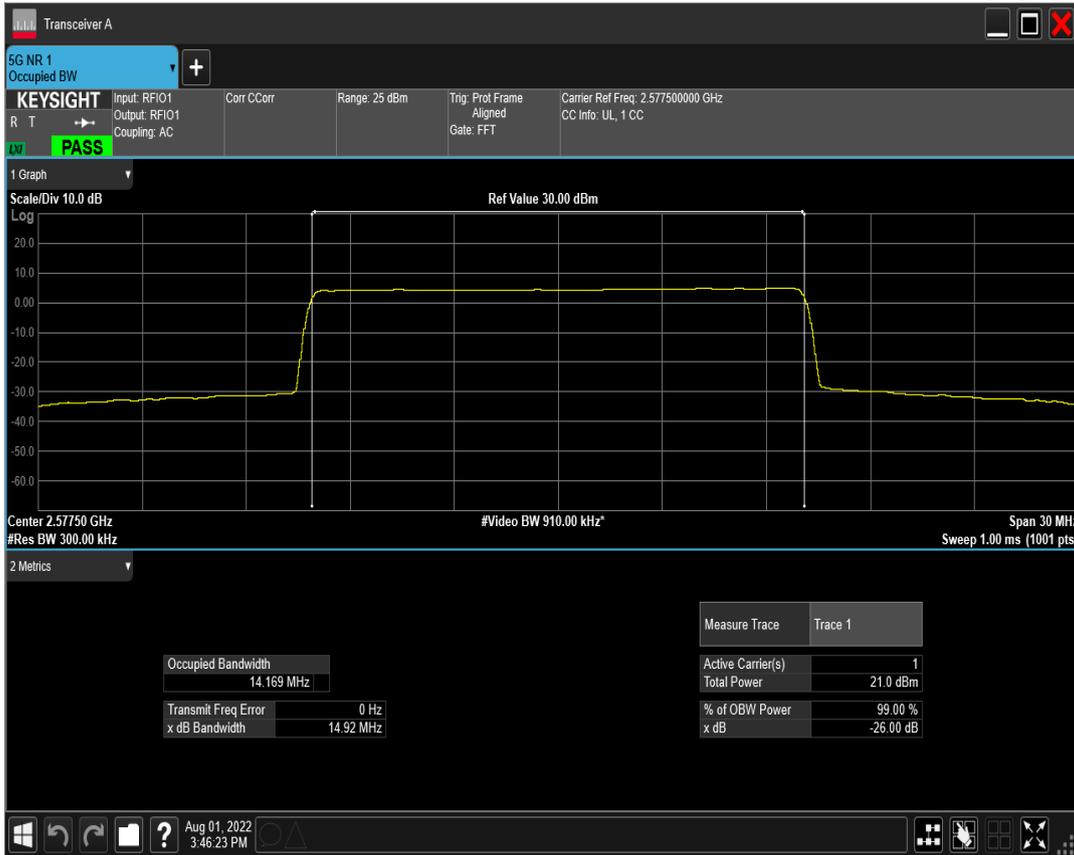
n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=515500 RB=75@0



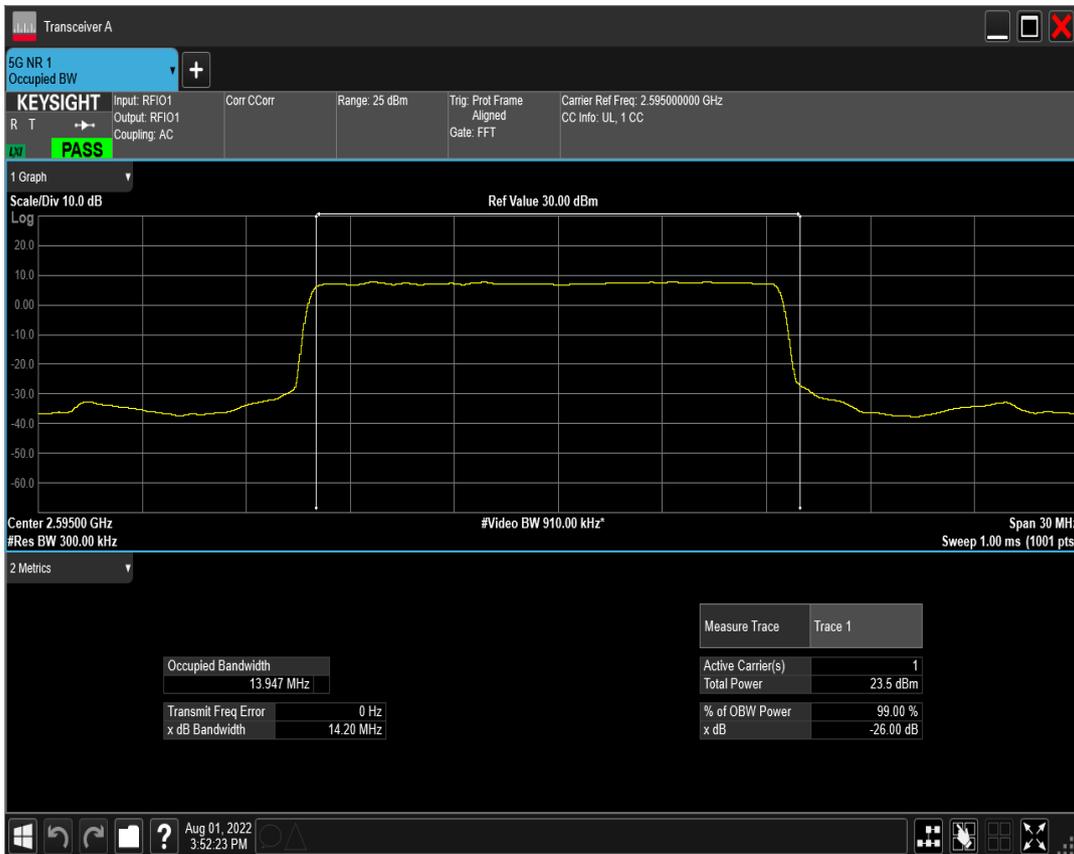
n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=515500 RB=75@0



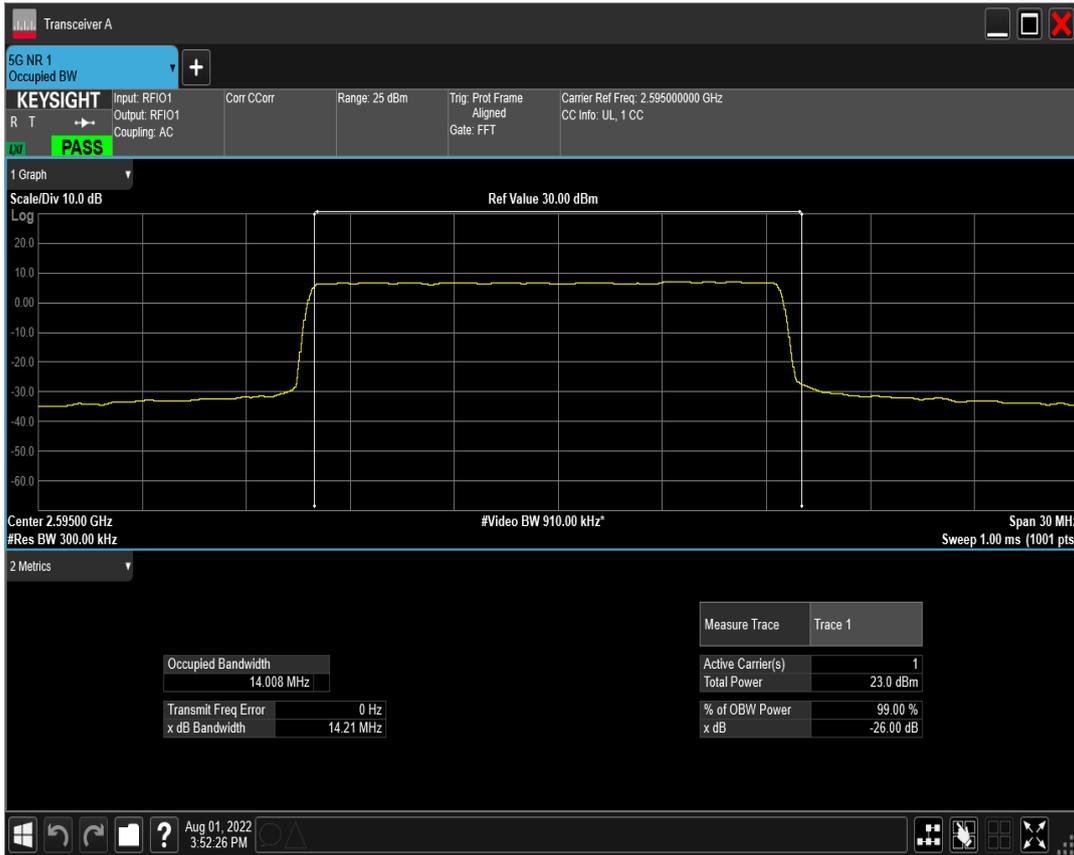
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=515500 RB=79@0



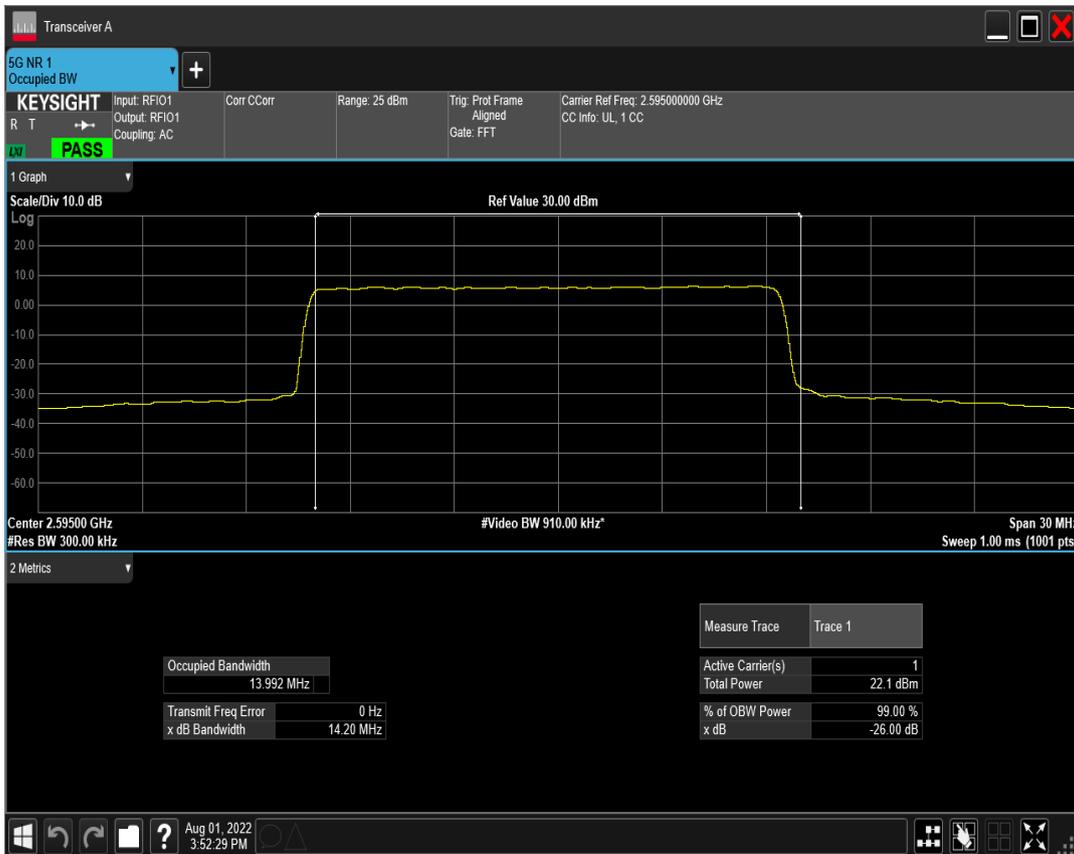
n38 SCS=15kHz DFT\_BPSK BW=15MHz Channel=519000 RB=75@0



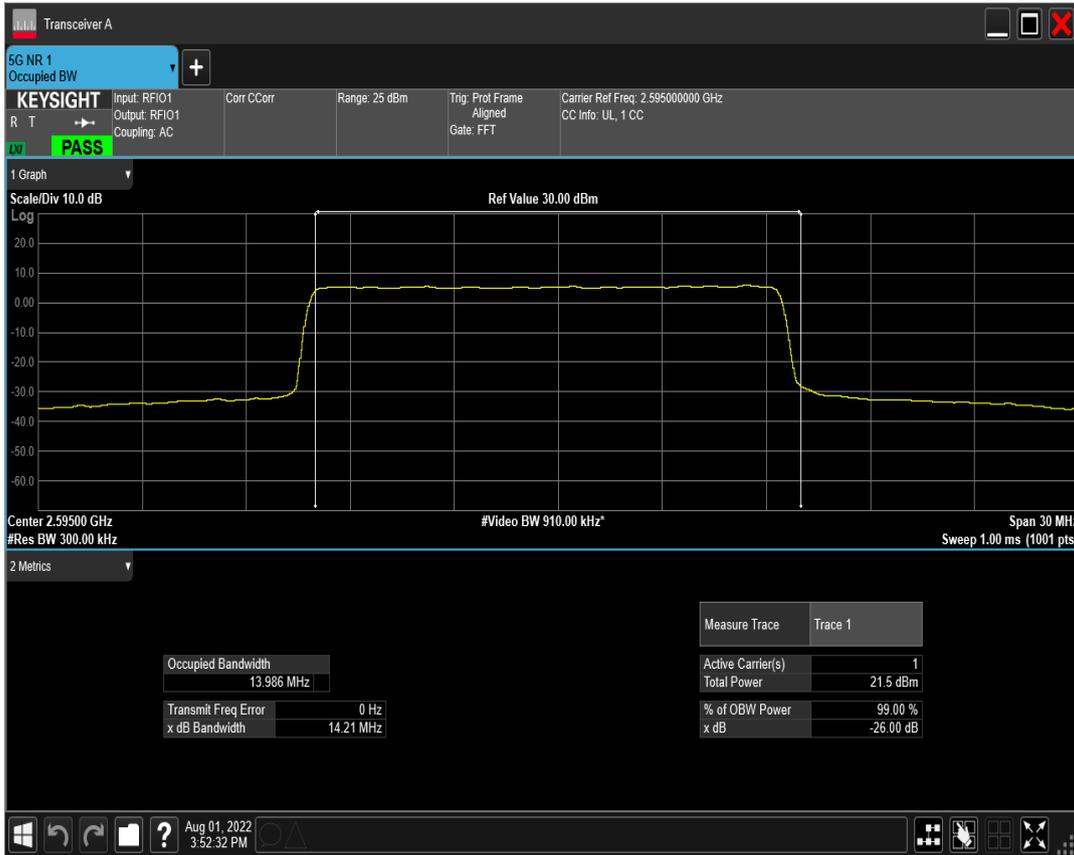
n38 SCS=15kHz DFT\_QPSK BW=15MHz Channel=519000 RB=75@0



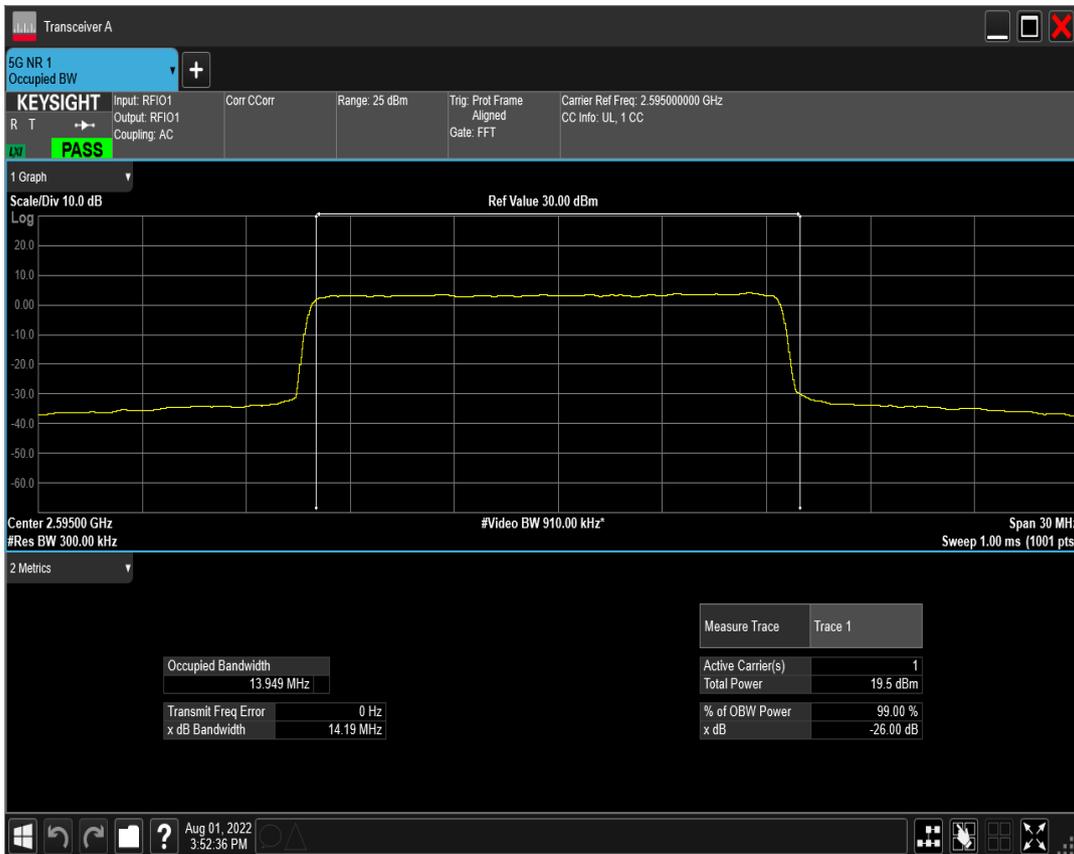
n38 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=75@0



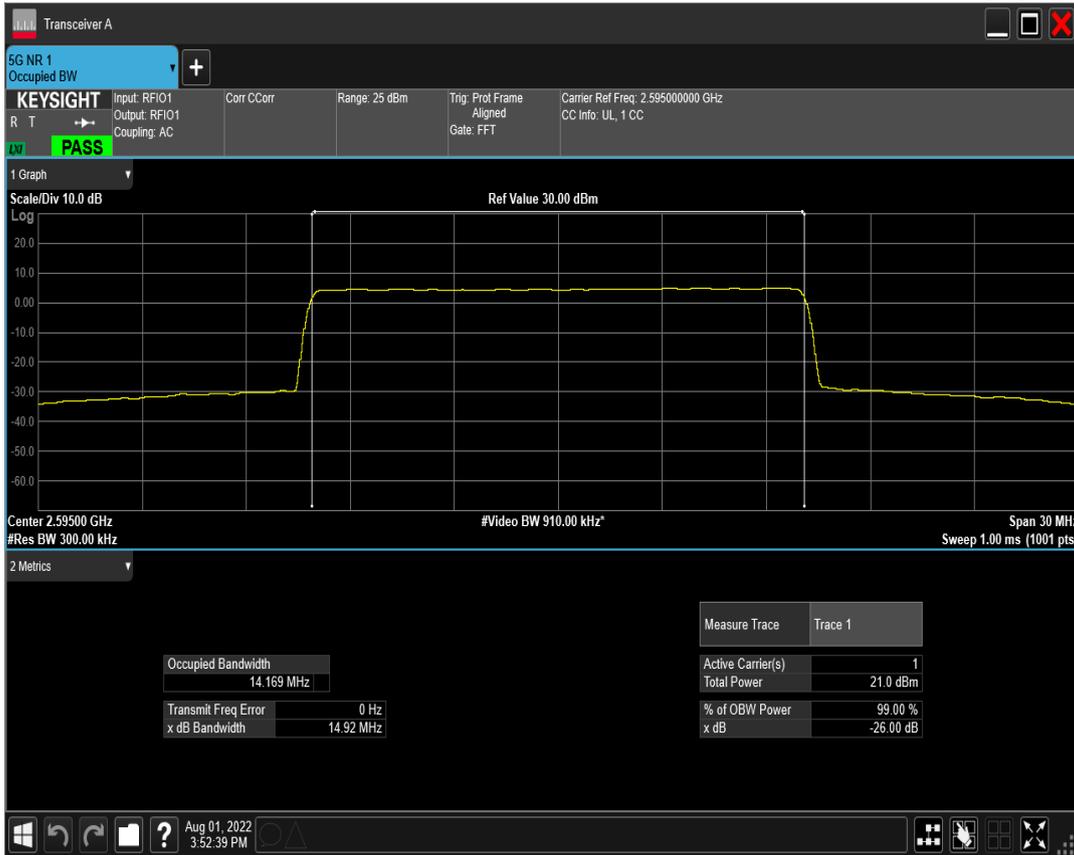
n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=519000 RB=75@0



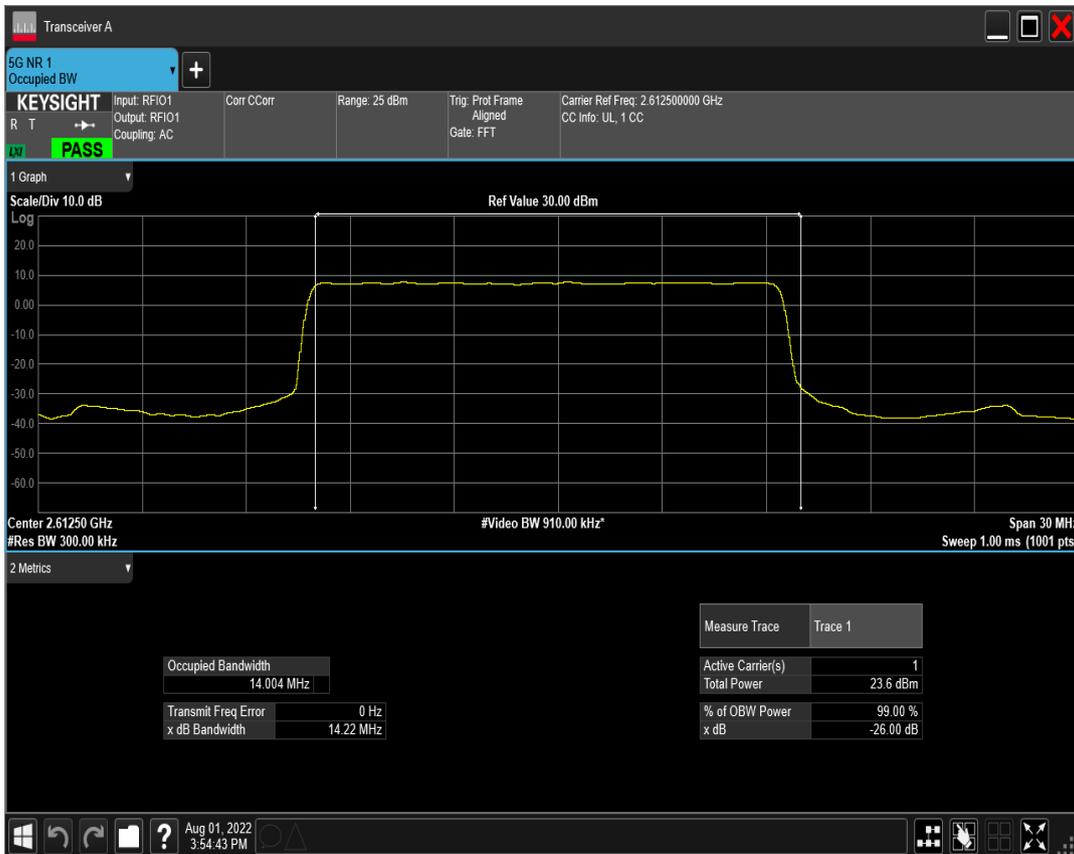
n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=75@0



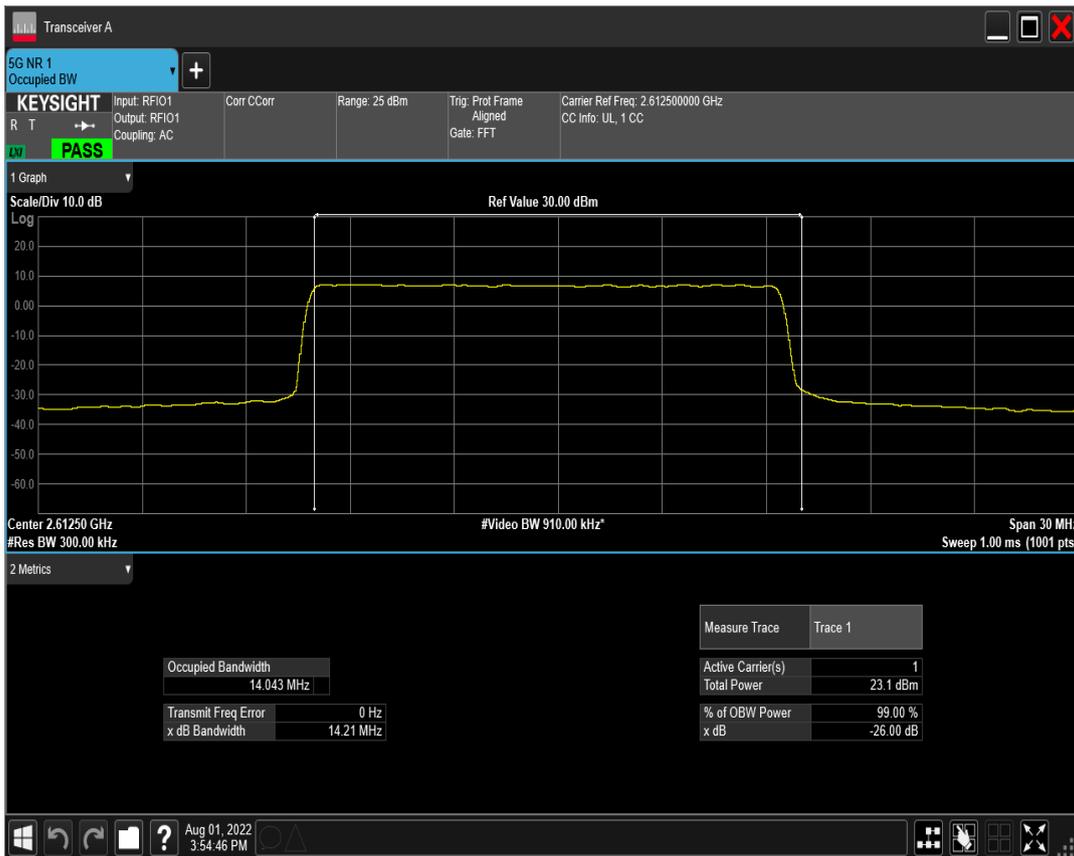
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=519000 RB=79@0



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



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



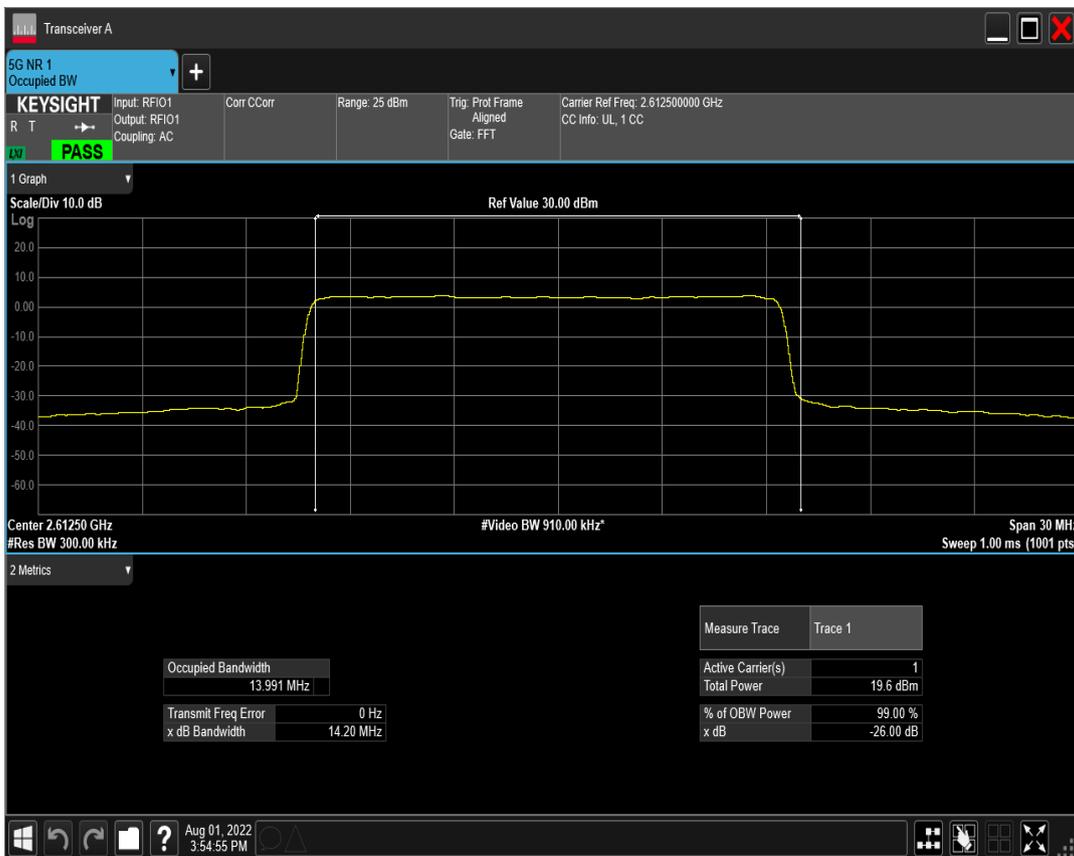
n38 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=522500 RB=75@0



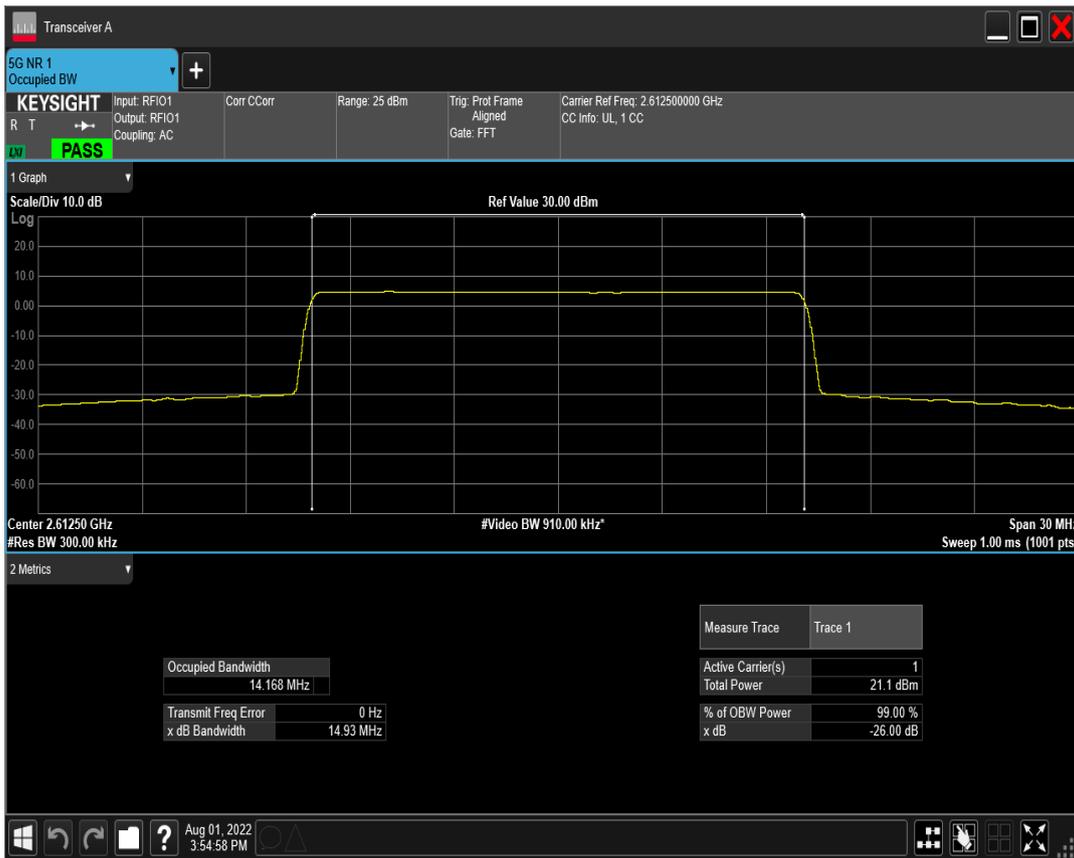
n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=522500 RB=75@0



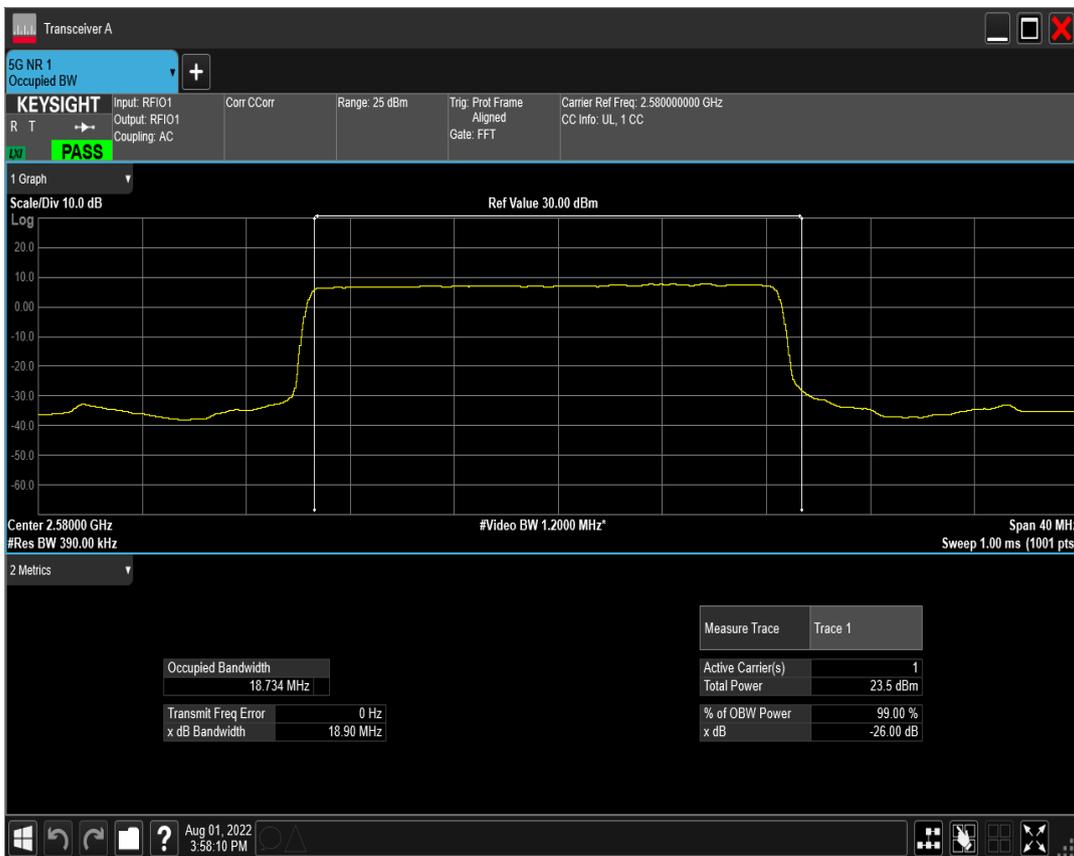
n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=522500 RB=75@0



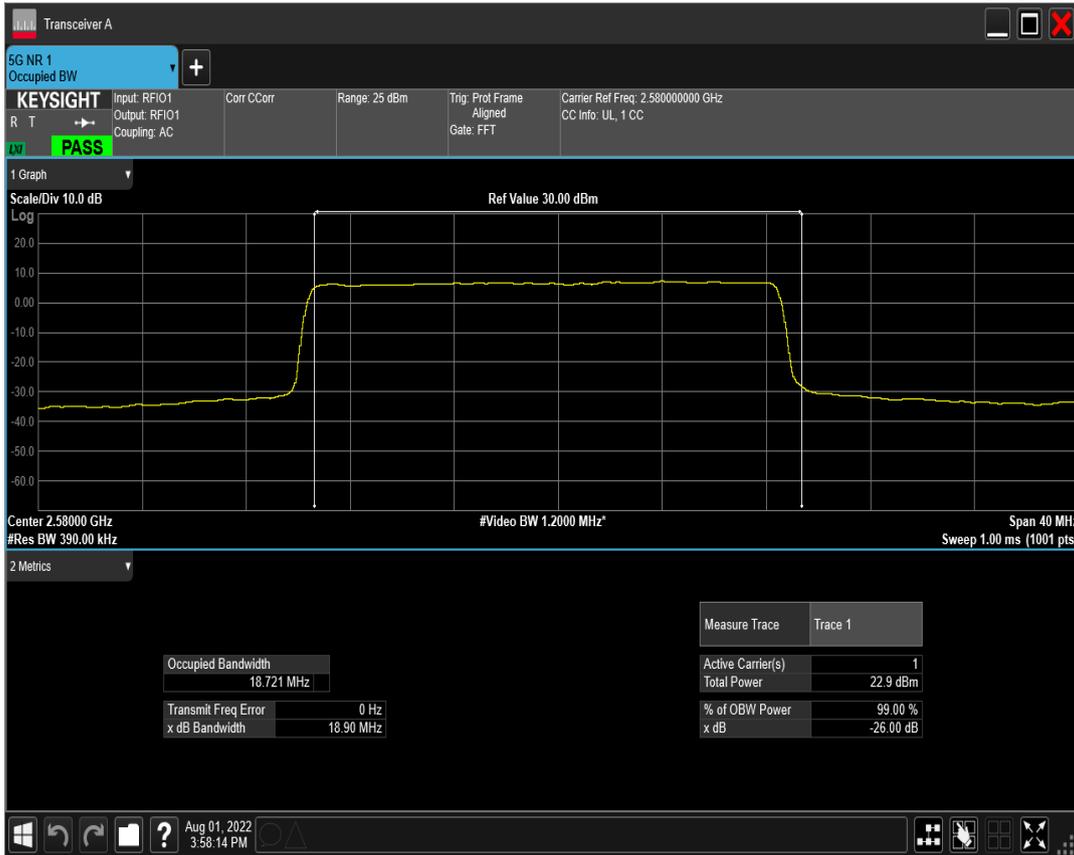
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=522500 RB=79@0



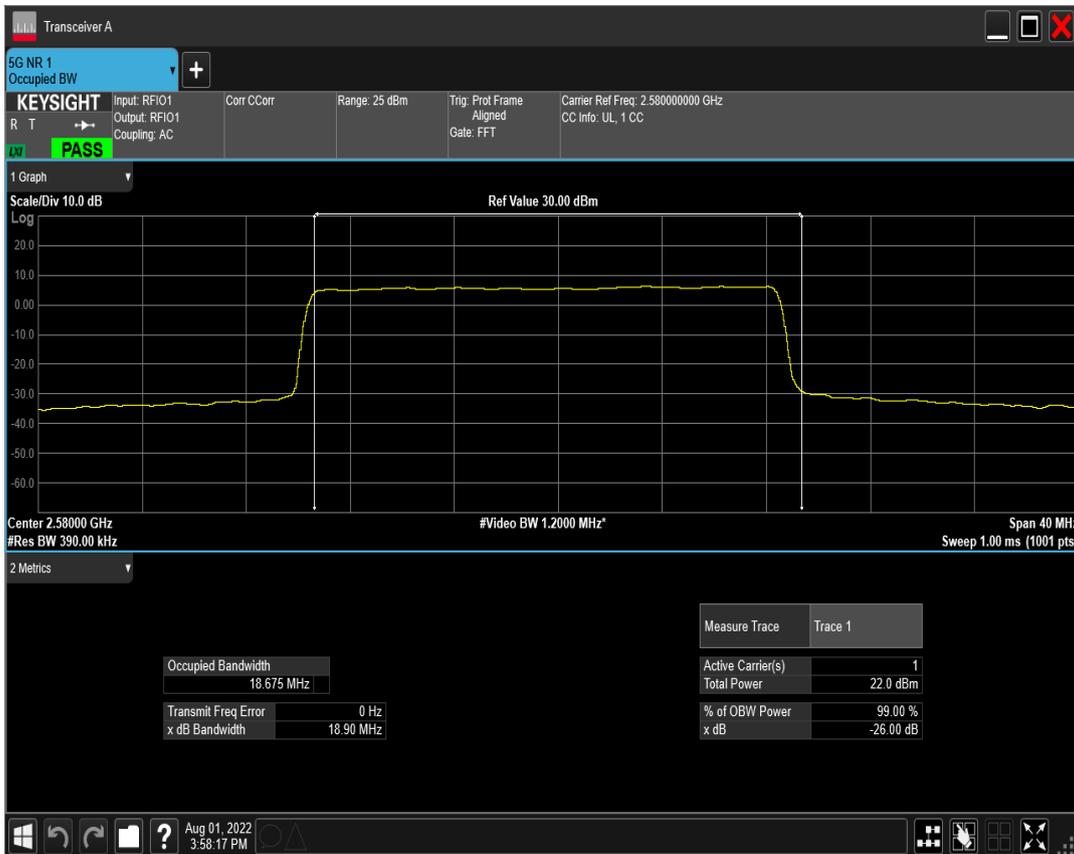
n38 SCS=15kHz DFT\_BPSK BW=20MHz Channel=516000 RB=100@0



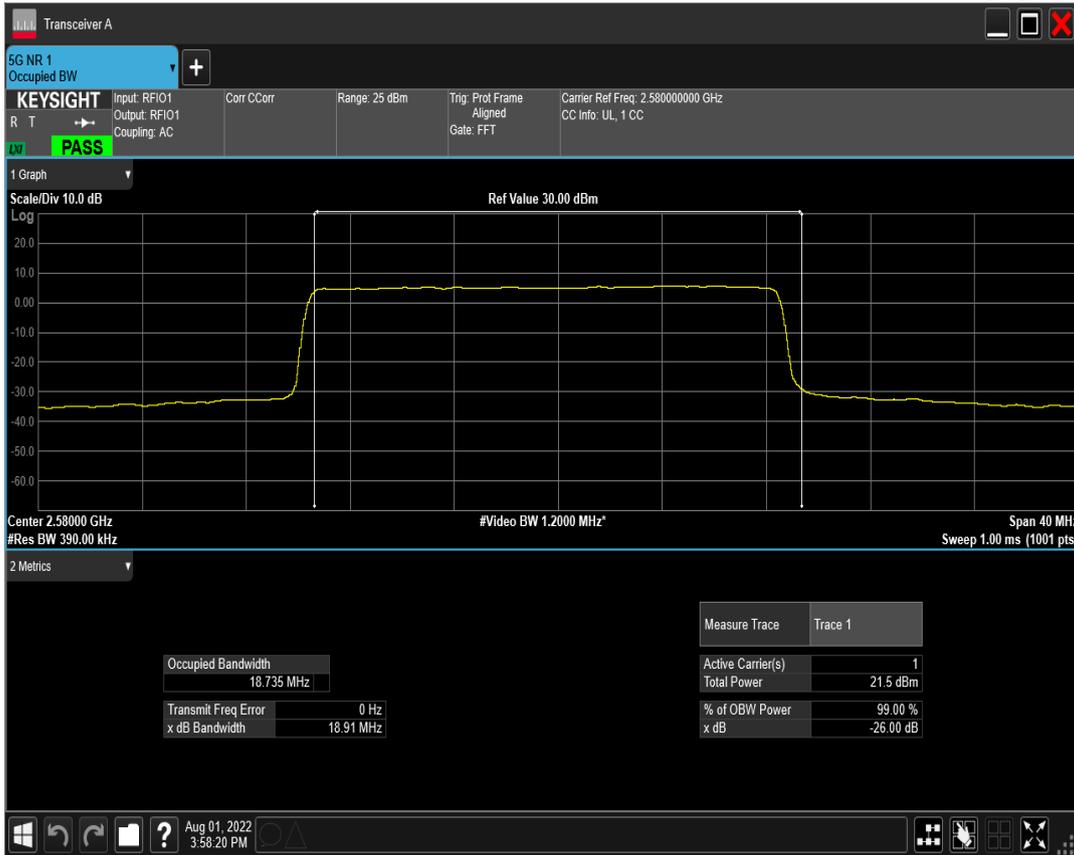
n38 SCS=15kHz DFT\_QPSK BW=20MHz Channel=516000 RB=100@0



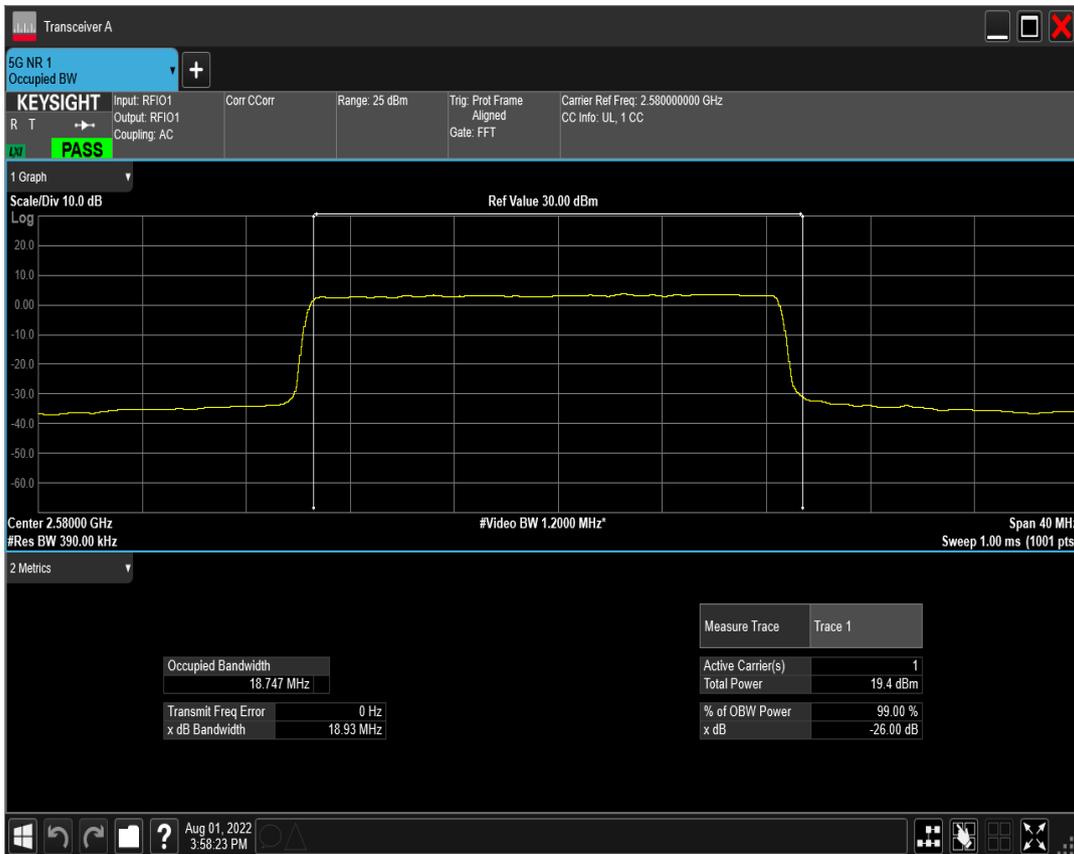
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=516000 RB=100@0



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



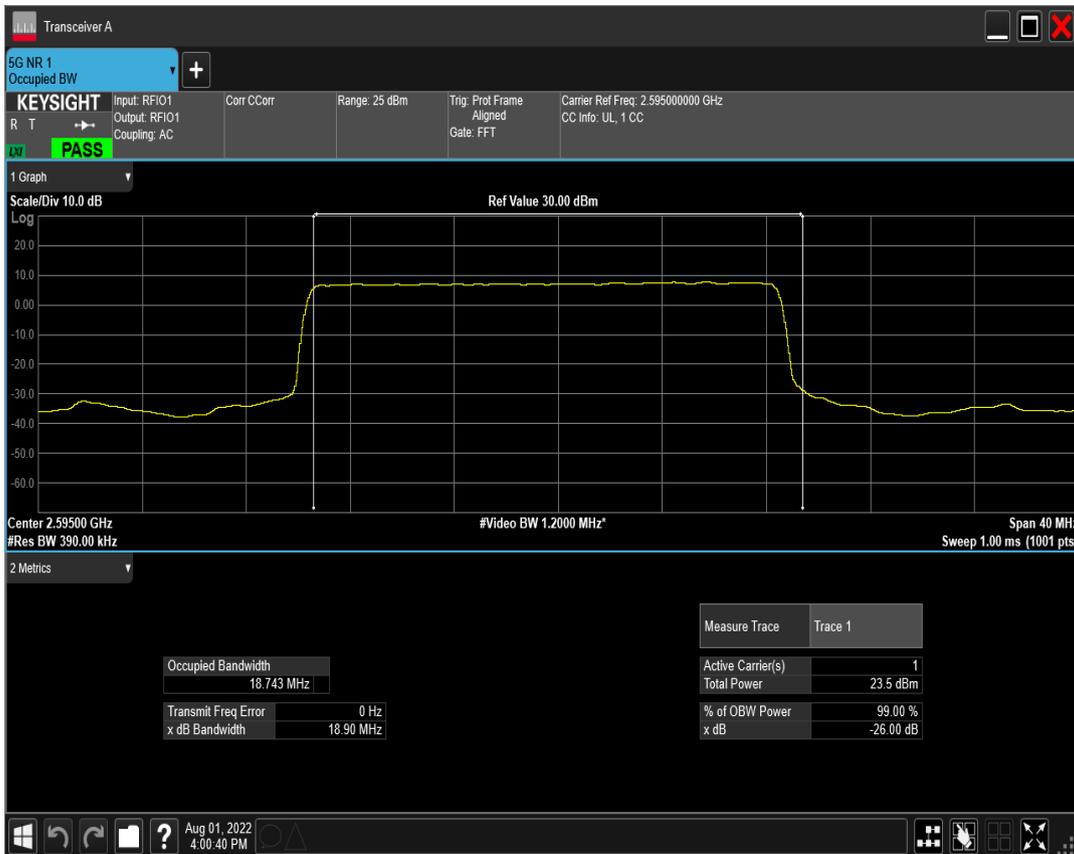
n38 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=516000 RB=100@0



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



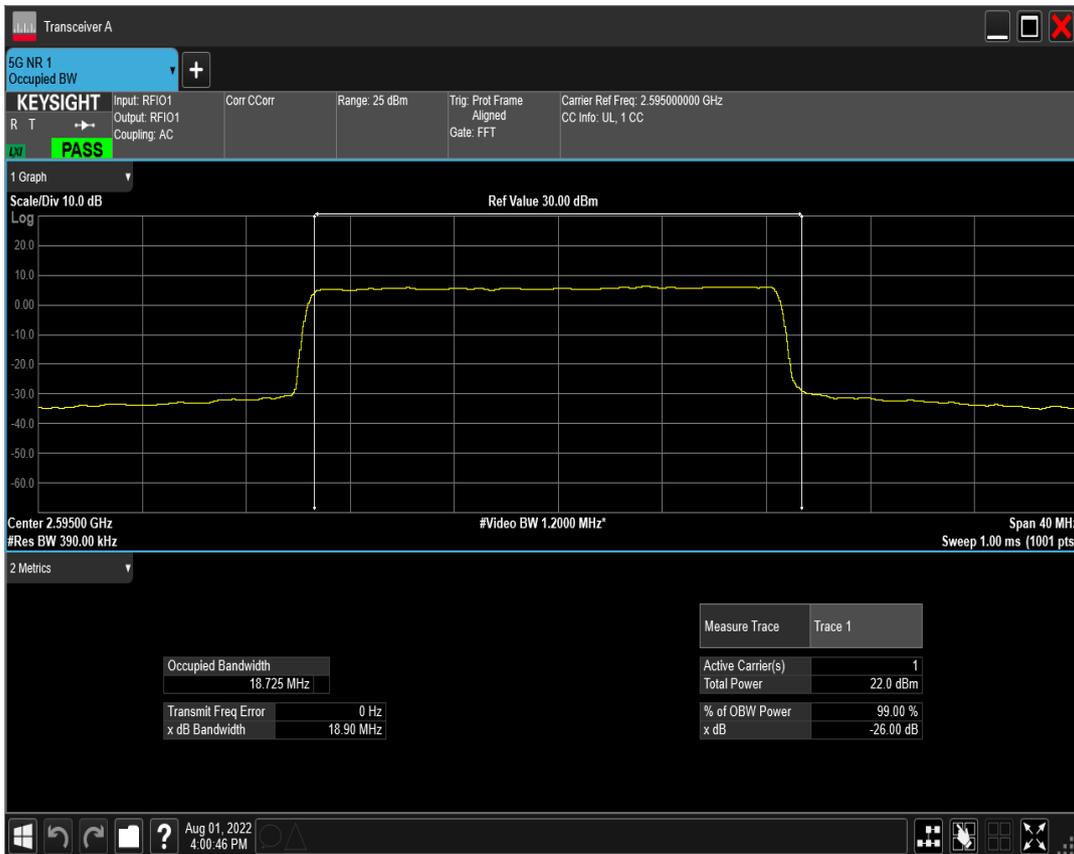
n38 SCS=15kHz DFT\_BPSK BW=20MHz Channel=519000 RB=100@0



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



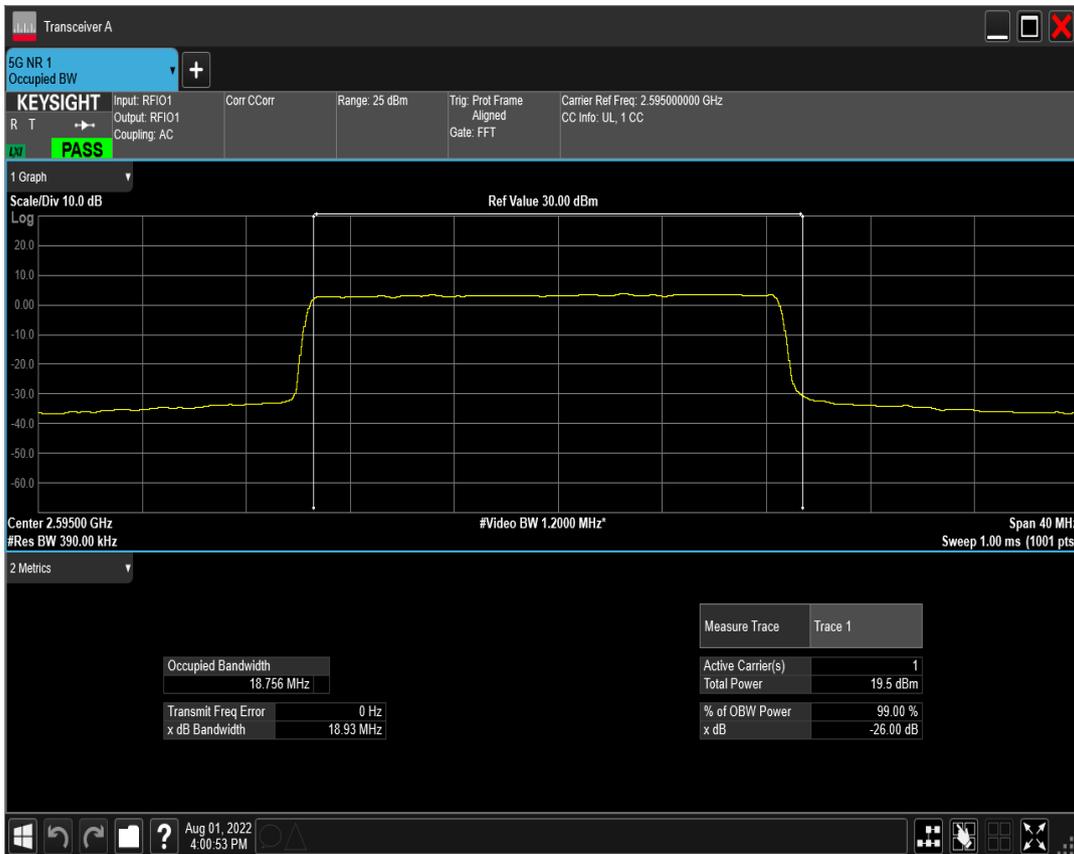
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=100@0



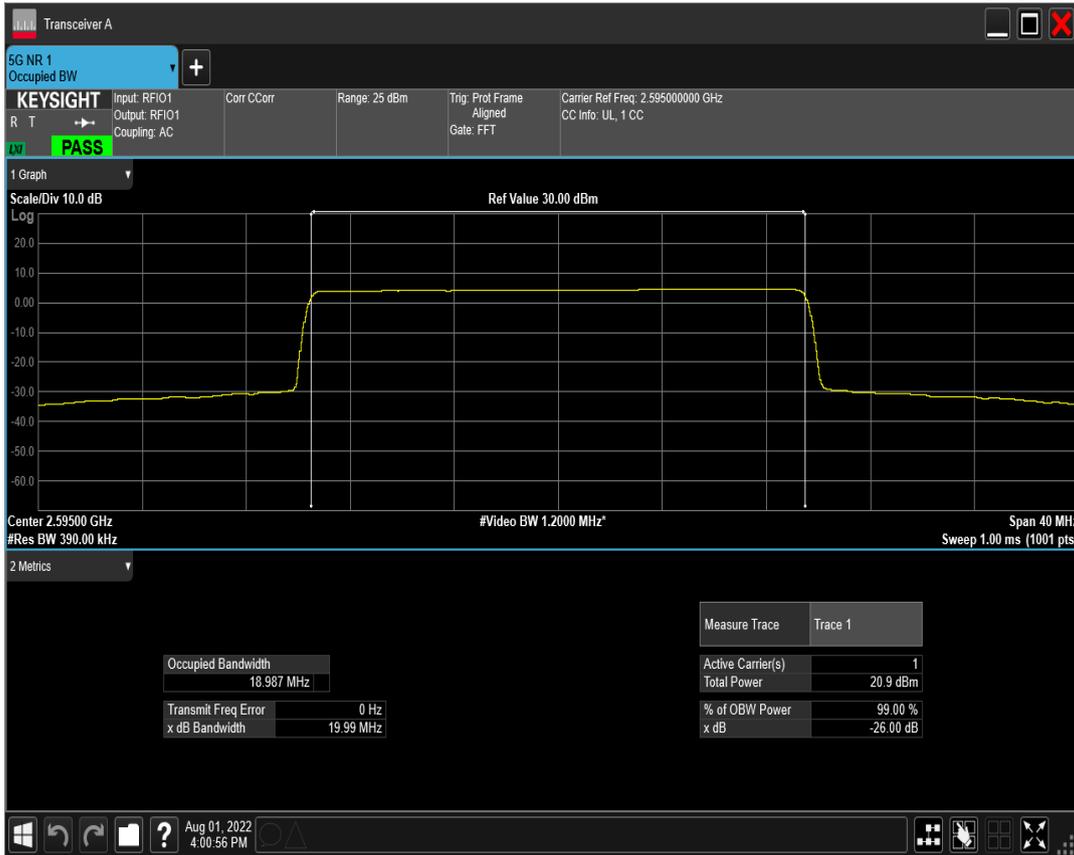
n38 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=100@0



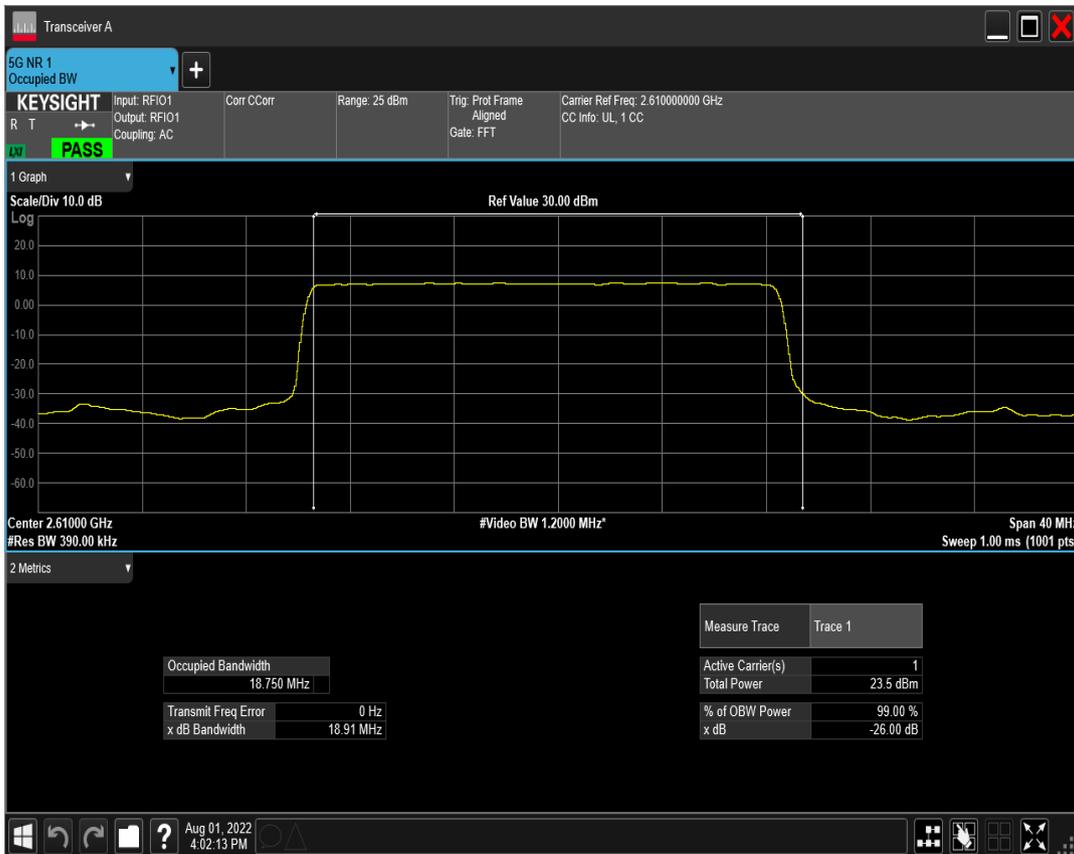
n38 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=100@0



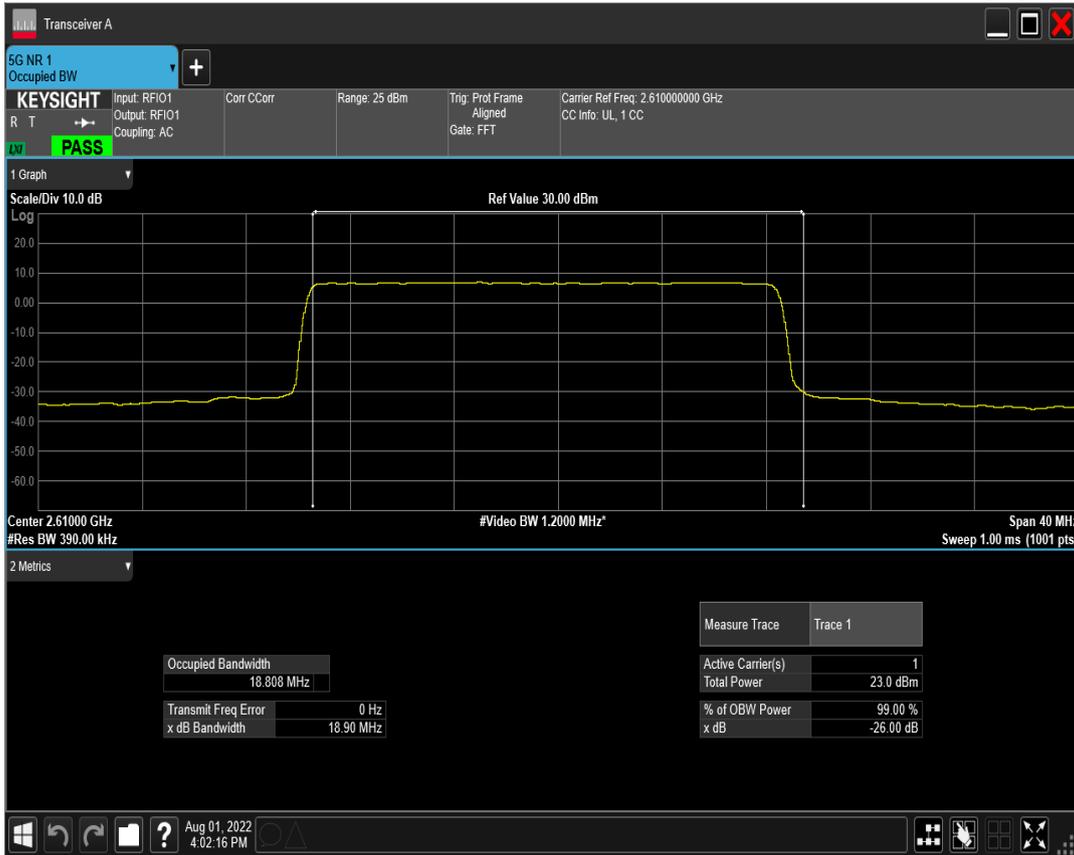
n38 SCS=15kHz CP\_QPSK BW=20MHz Channel=519000 RB=106@0



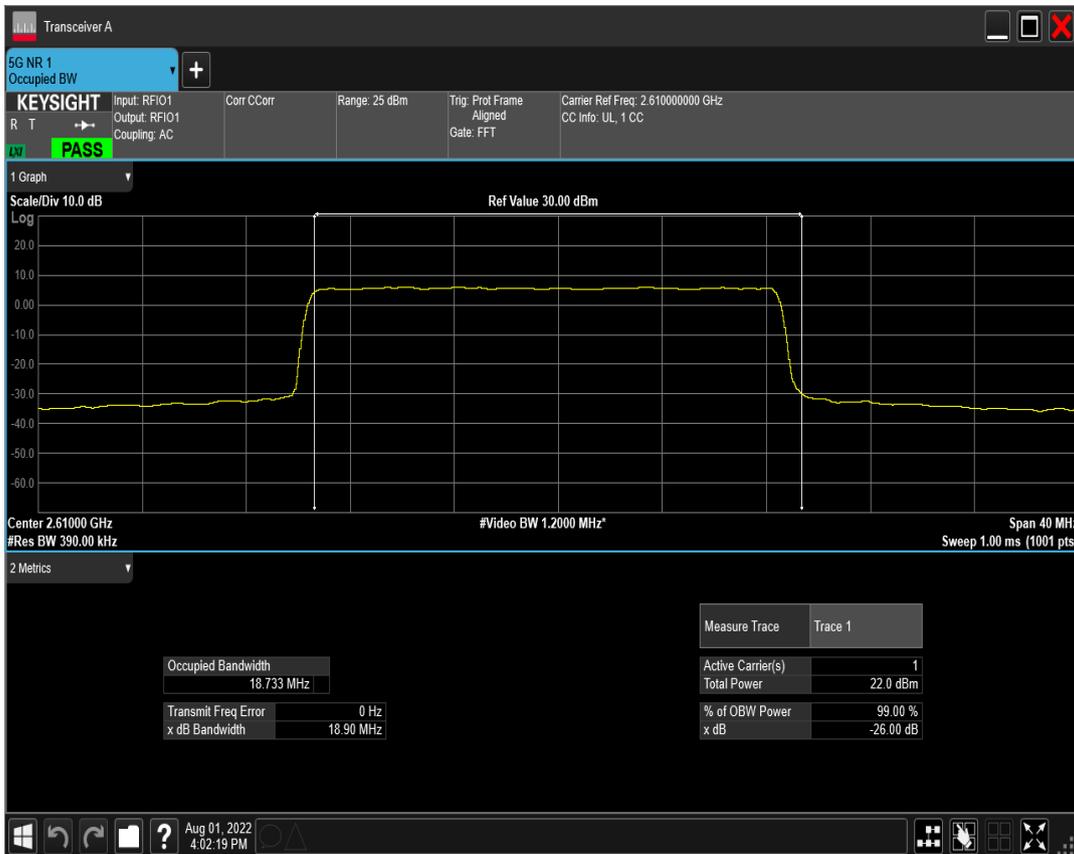
n38 SCS=15kHz DFT\_BPSK BW=20MHz Channel=522000 RB=100@0



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



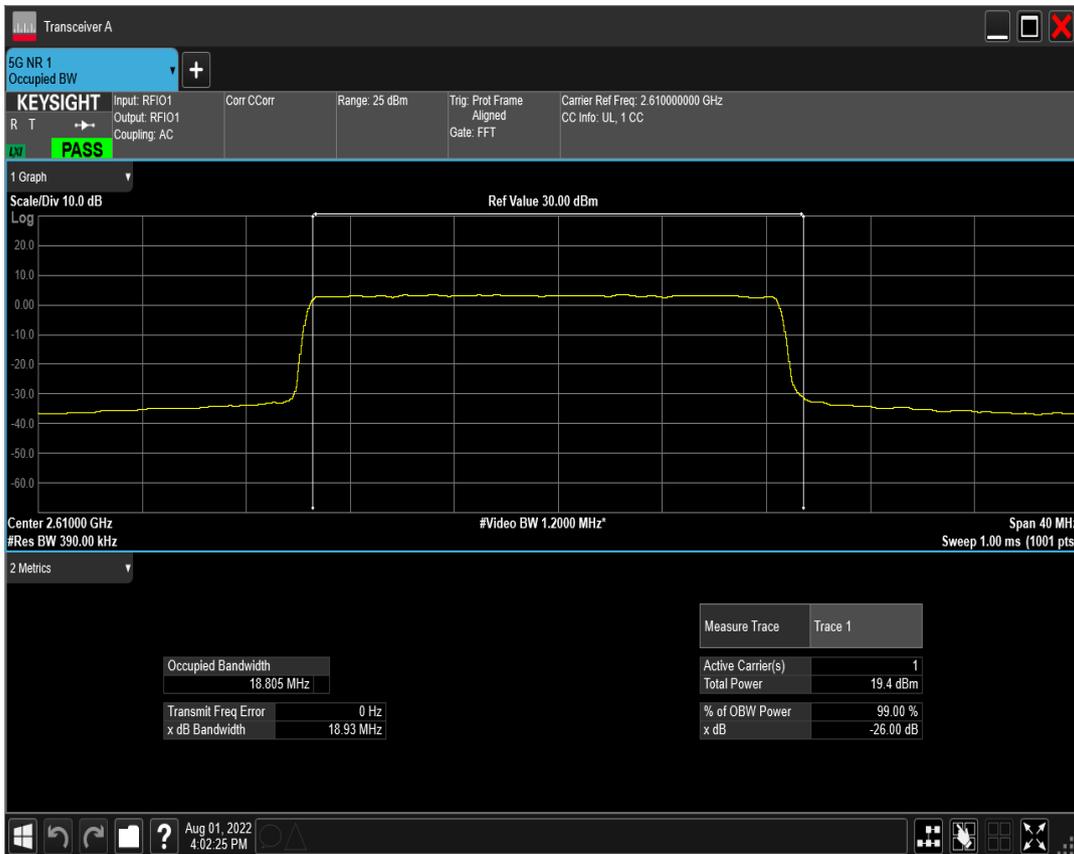
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=522000 RB=100@0



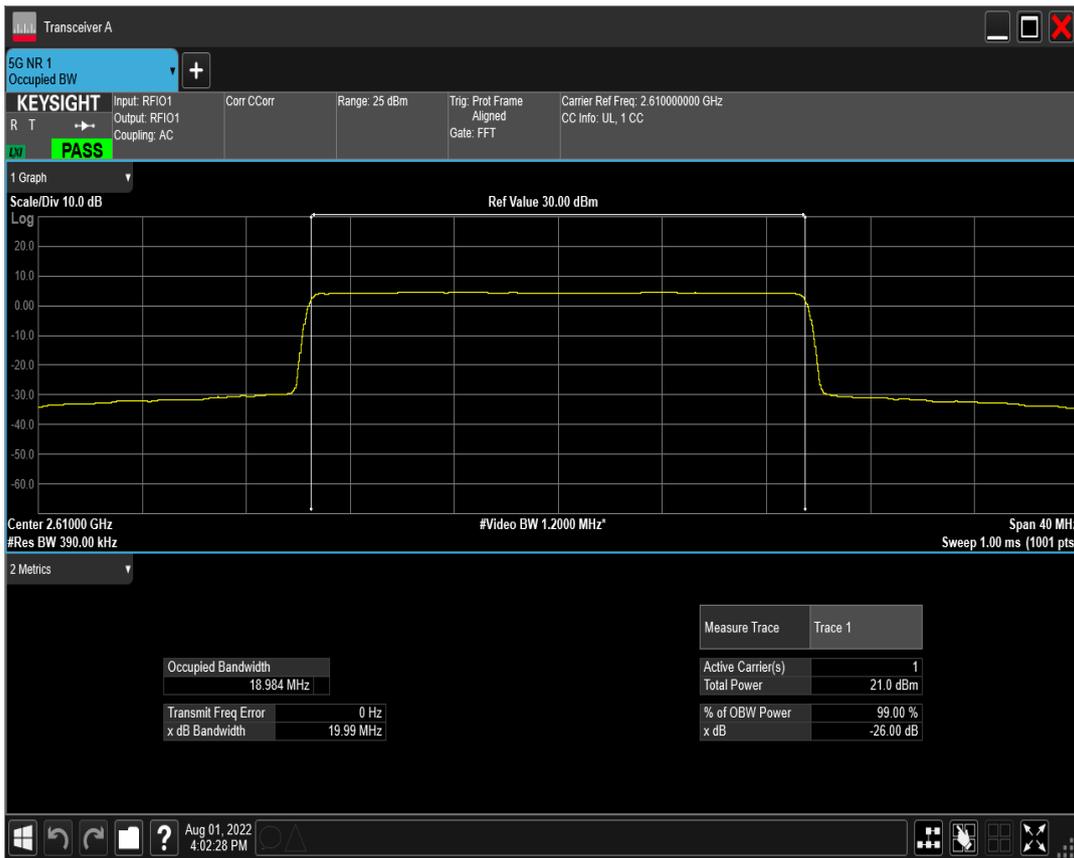
n38 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=522000 RB=100@0



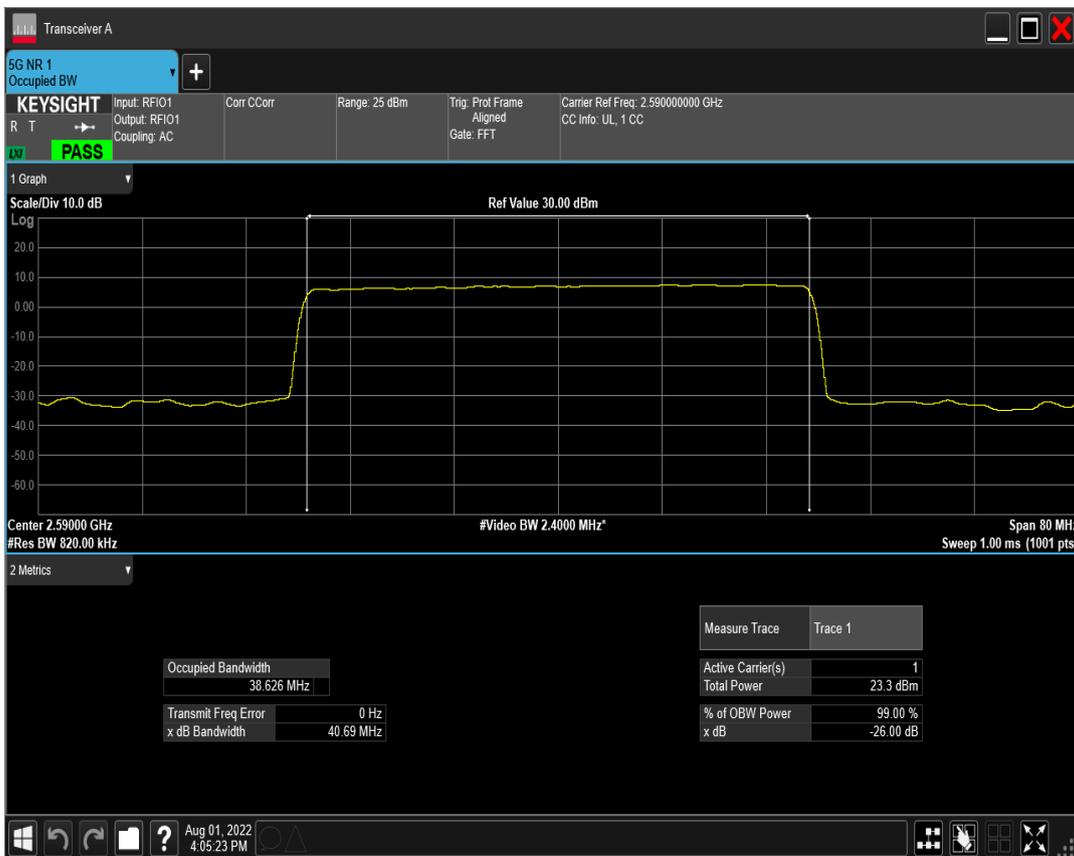
n38 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=522000 RB=100@0



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



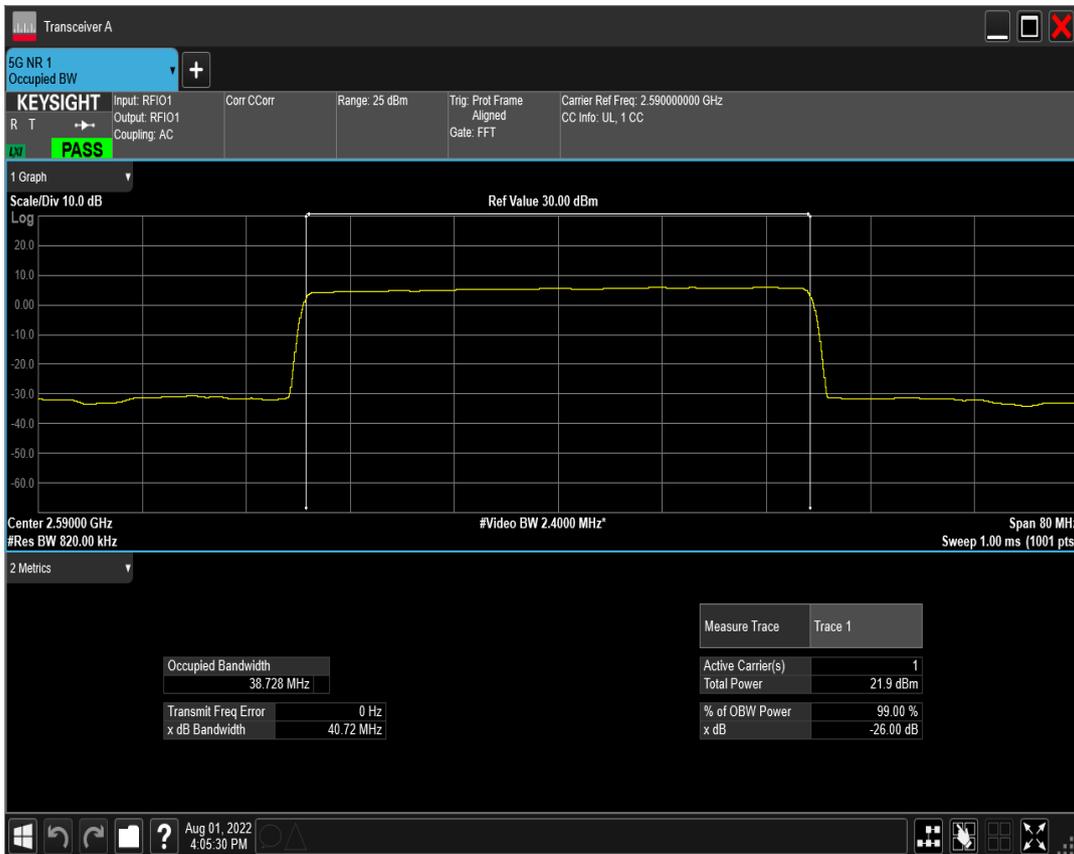
n38 SCS=15kHz DFT\_BPSK BW=40MHz Channel=518000 RB=216@0



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



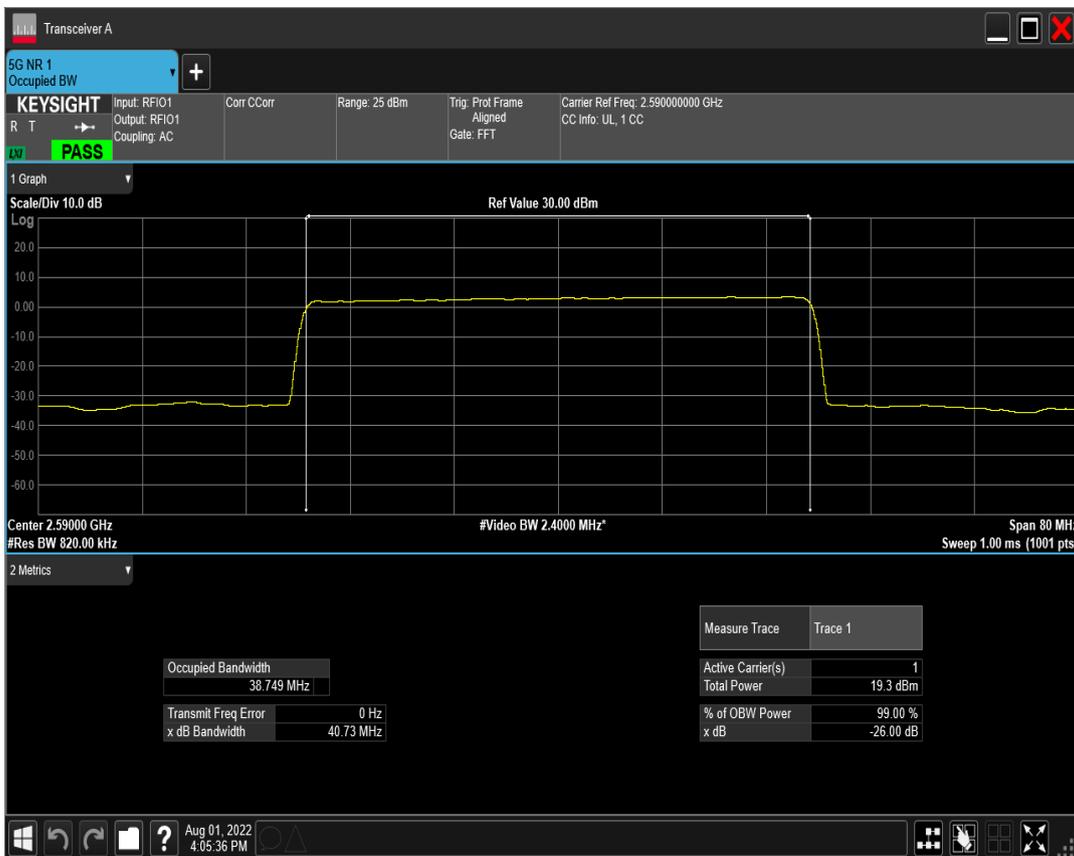
n38 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=518000 RB=216@0



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



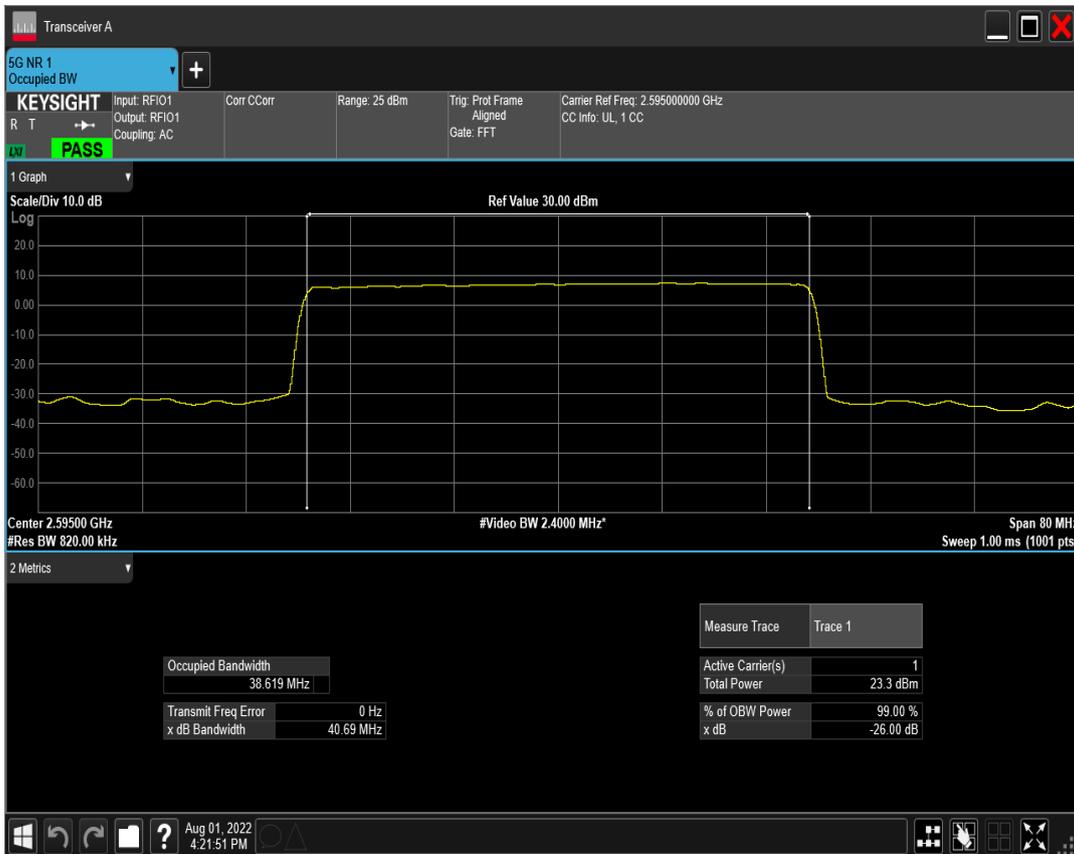
n38 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=518000 RB=216@0



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



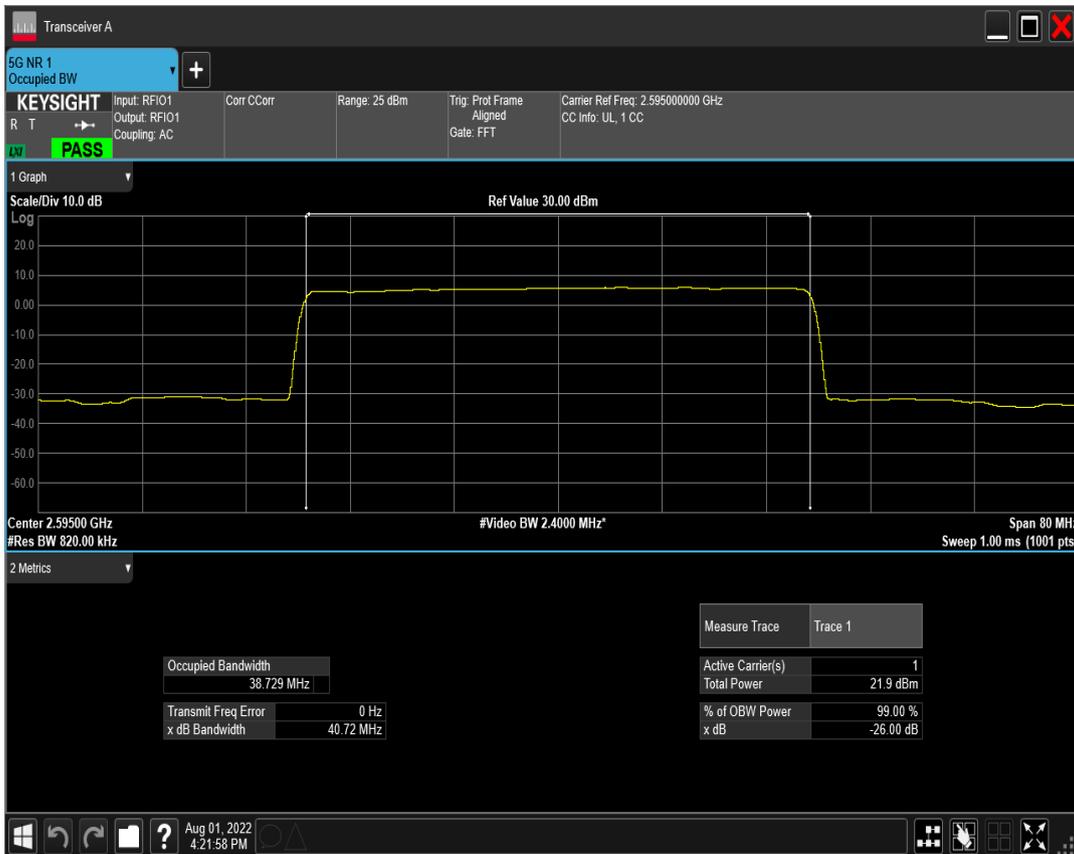
n38 SCS=15kHz DFT\_BPSK BW=40MHz Channel=519000 RB=216@0



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



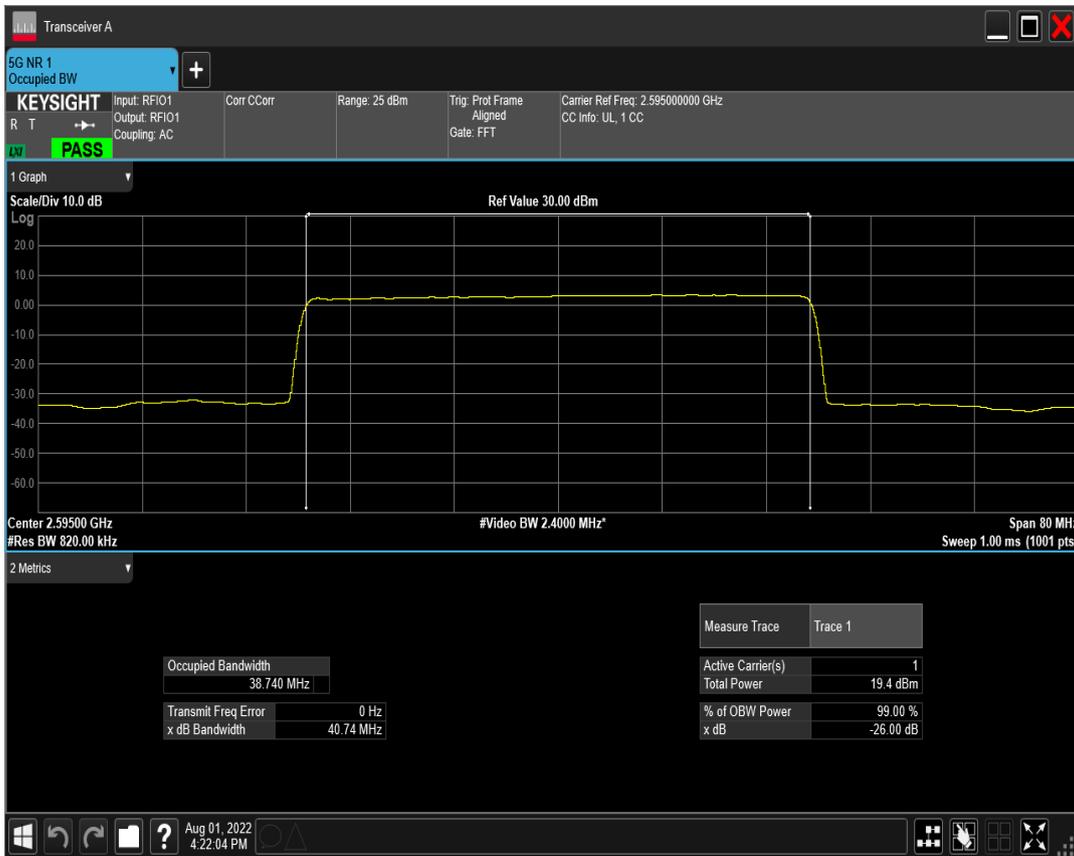
n38 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=216@0



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



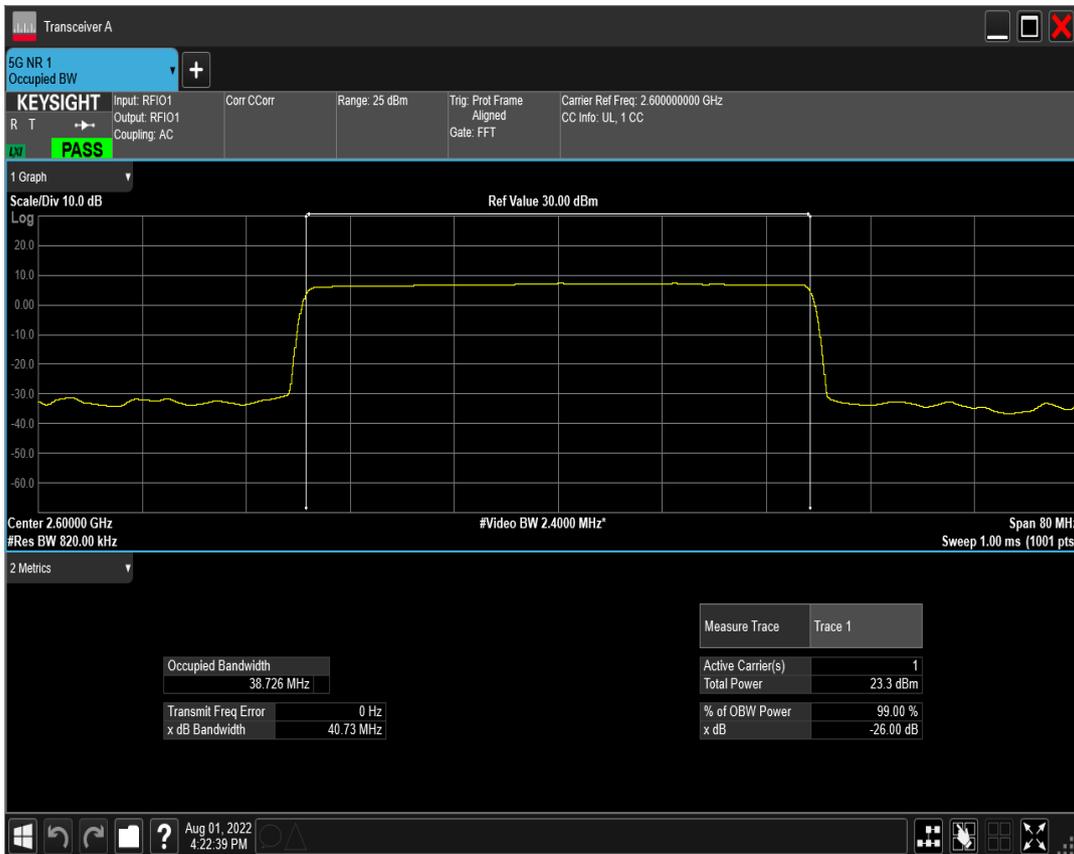
n38 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=216@0



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



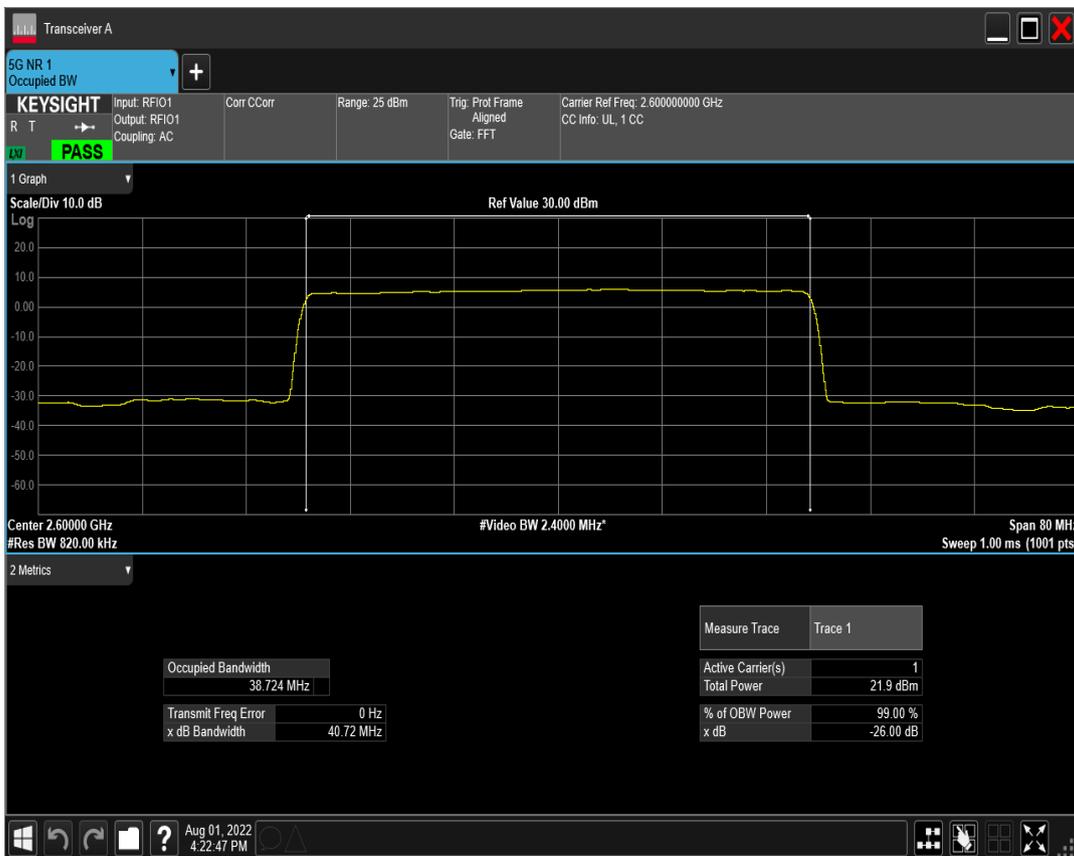
n38 SCS=15kHz DFT\_BPSK BW=40MHz Channel=520000 RB=216@0



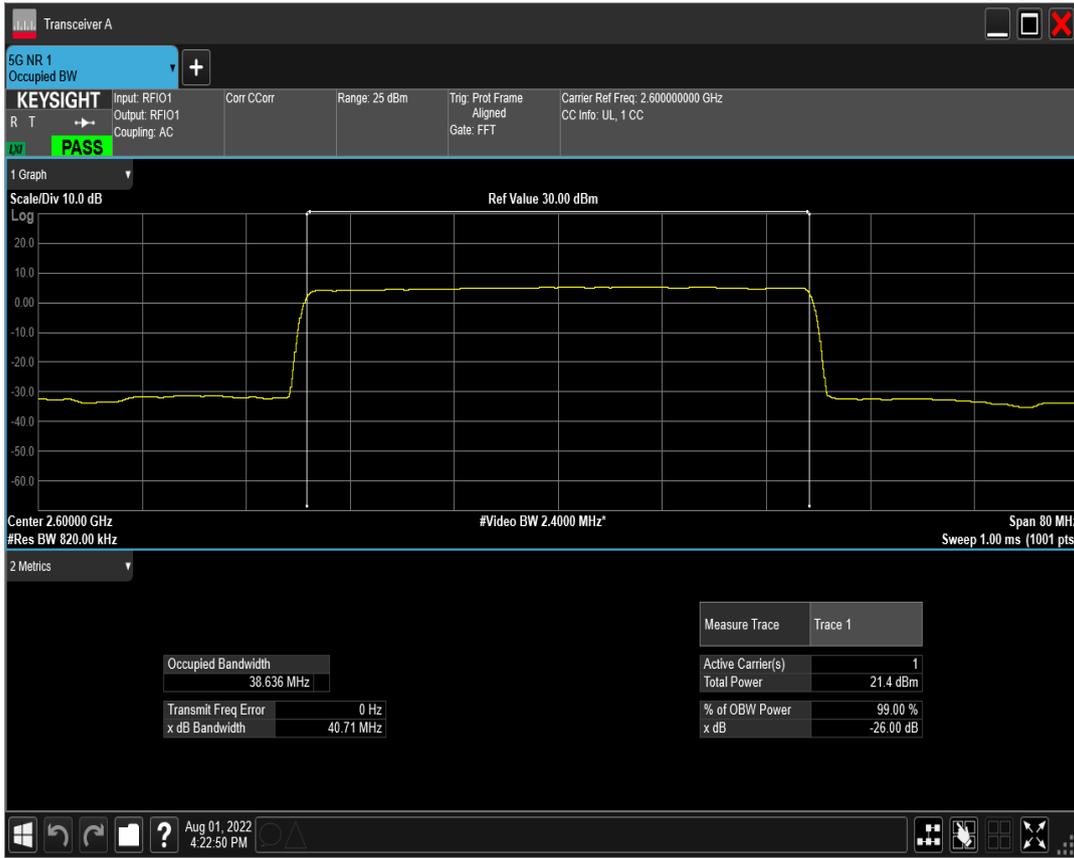
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=216@0



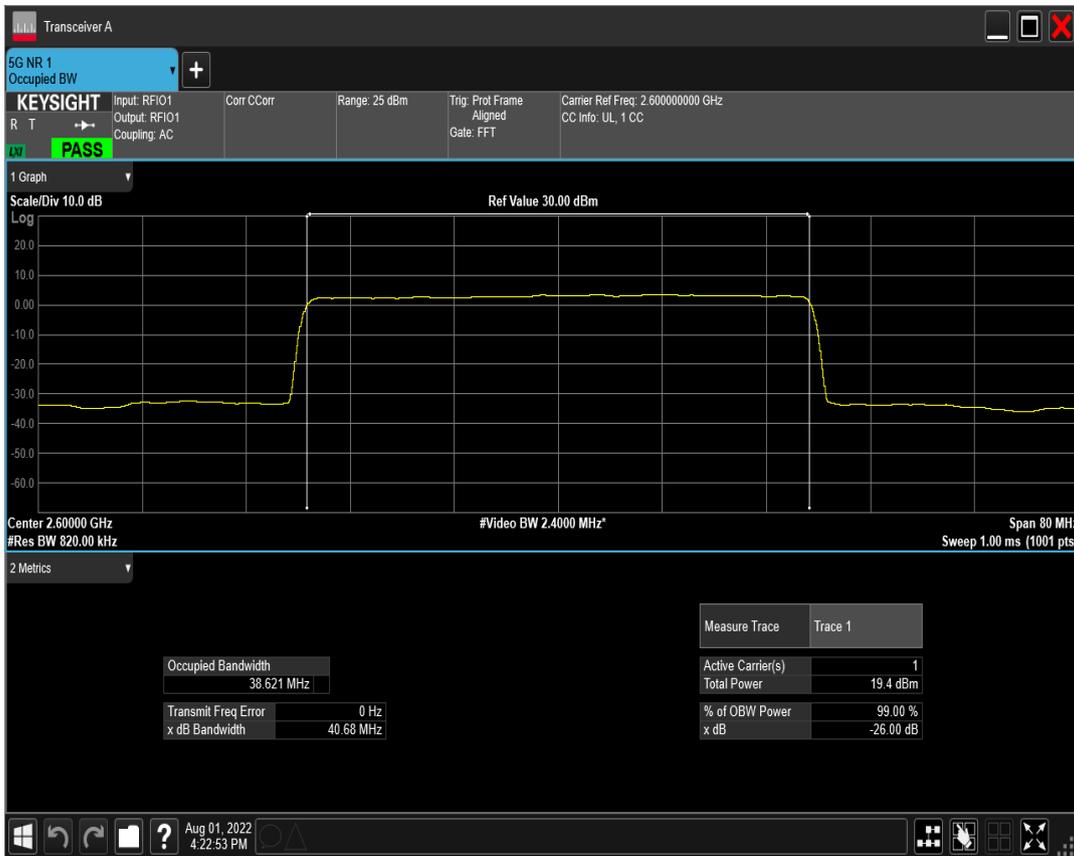
n38 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=520000 RB=216@0



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



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



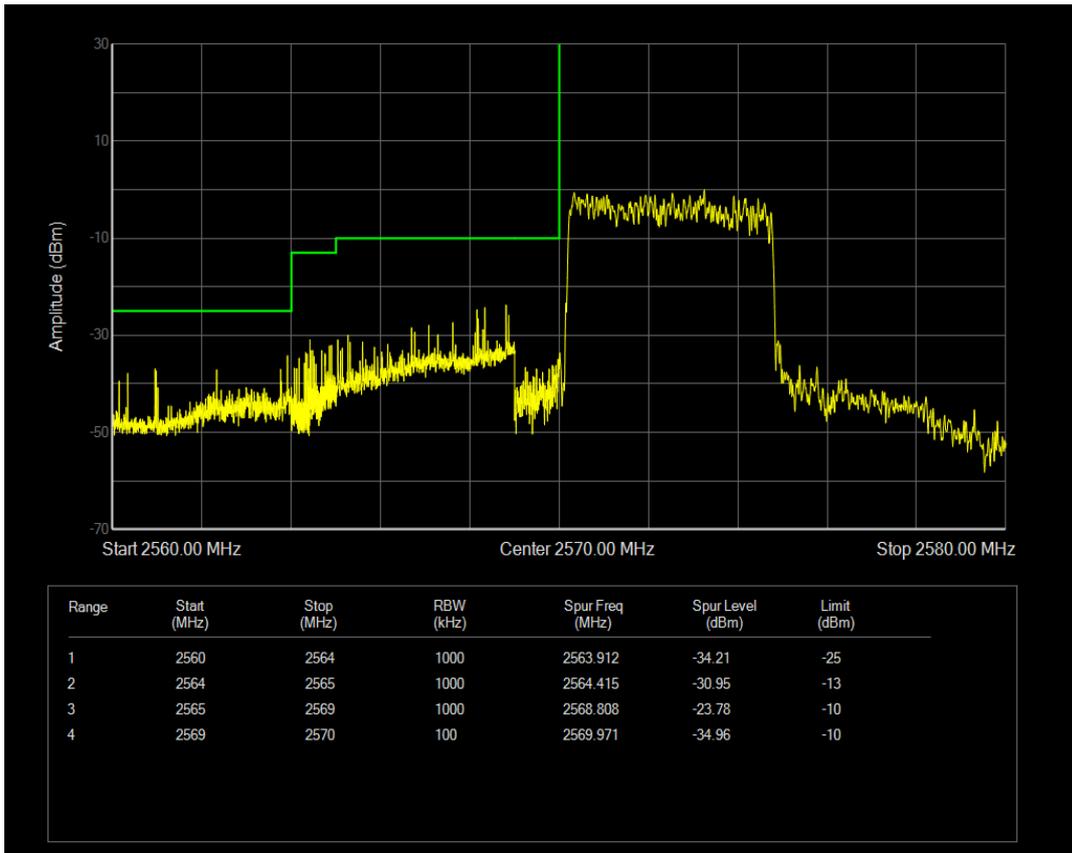
n38 SCS=15kHz CP\_QPSK BW=40MHz Channel=520000 RB=216@0



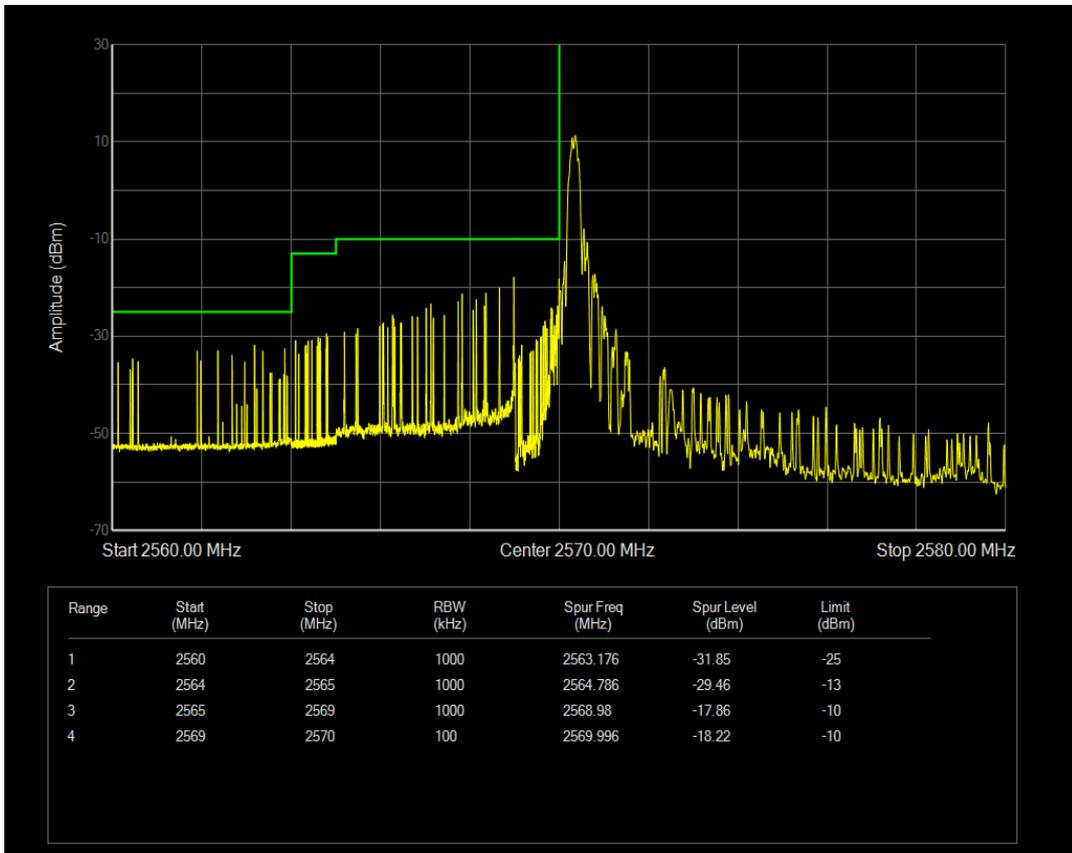
## 5 Band edge for NR FR1

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	2563.91	-34.21	-25	PASS
n38	15	5	514500	1@0	DFT_QPSK	2563.18	-31.85	-25	PASS
n38	15	5	523500	25@0	DFT_QPSK	2626.22	-36.00	-25	PASS
n38	15	5	523500	1@24	DFT_QPSK	2627.26	-32.11	-25	PASS
n38	15	40	518000	216@0	DFT_QPSK	2569.97	-14.71	-10	PASS
n38	15	40	518000	1@0	DFT_QPSK	2568.74	-21.04	-10	PASS
n38	15	40	520000	216@0	DFT_QPSK	2620.00	-14.86	-10	PASS
n38	15	40	520000	1@215	DFT_QPSK	2621.37	-21.75	-10	PASS

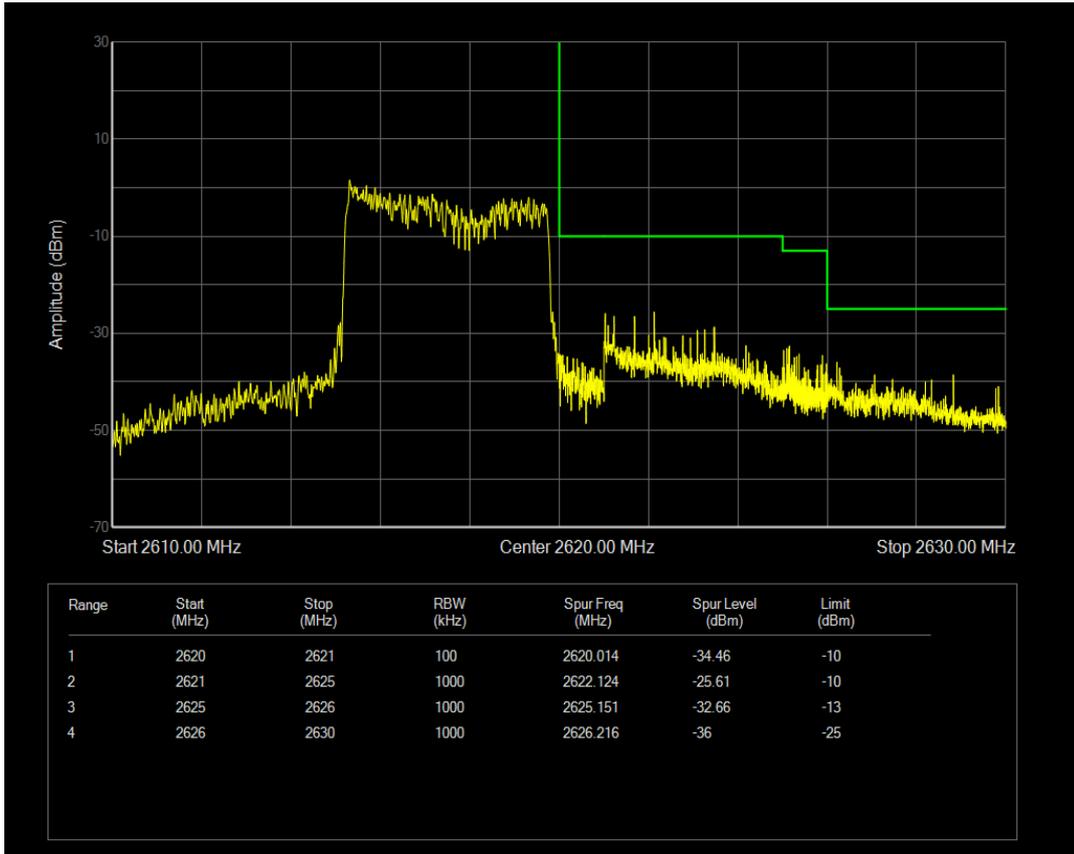
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=25@0



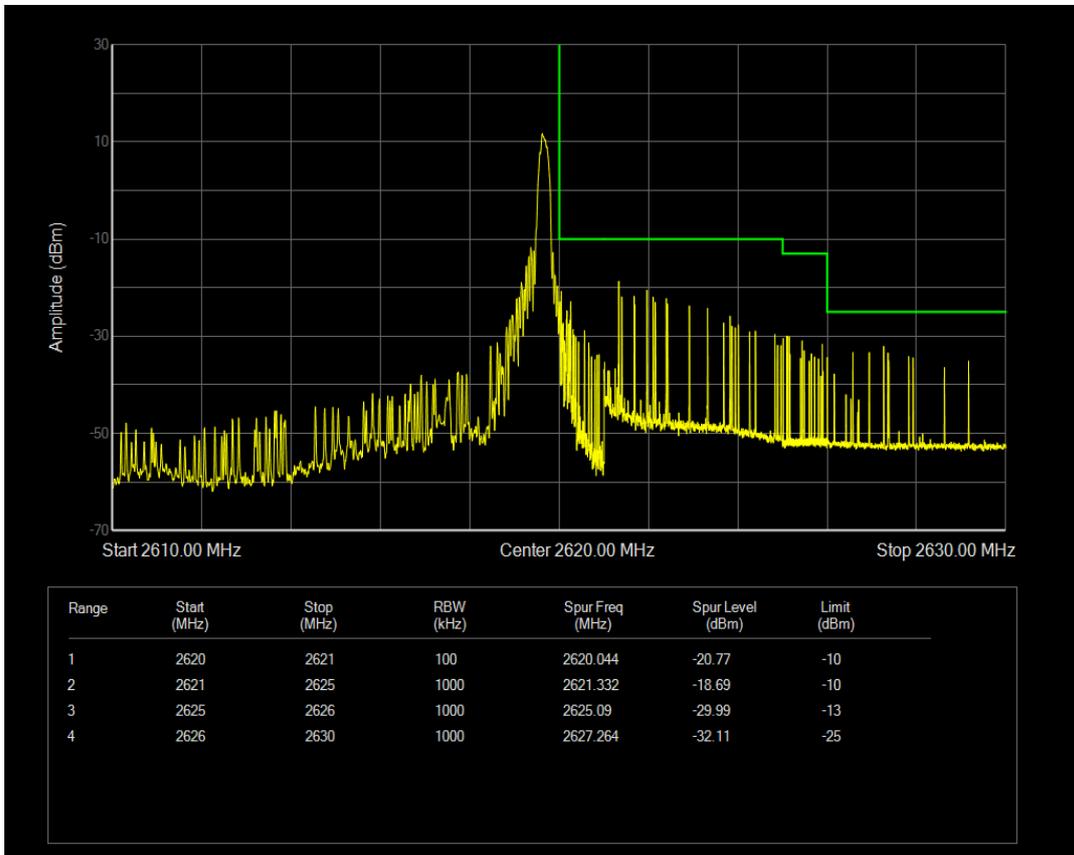
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@0



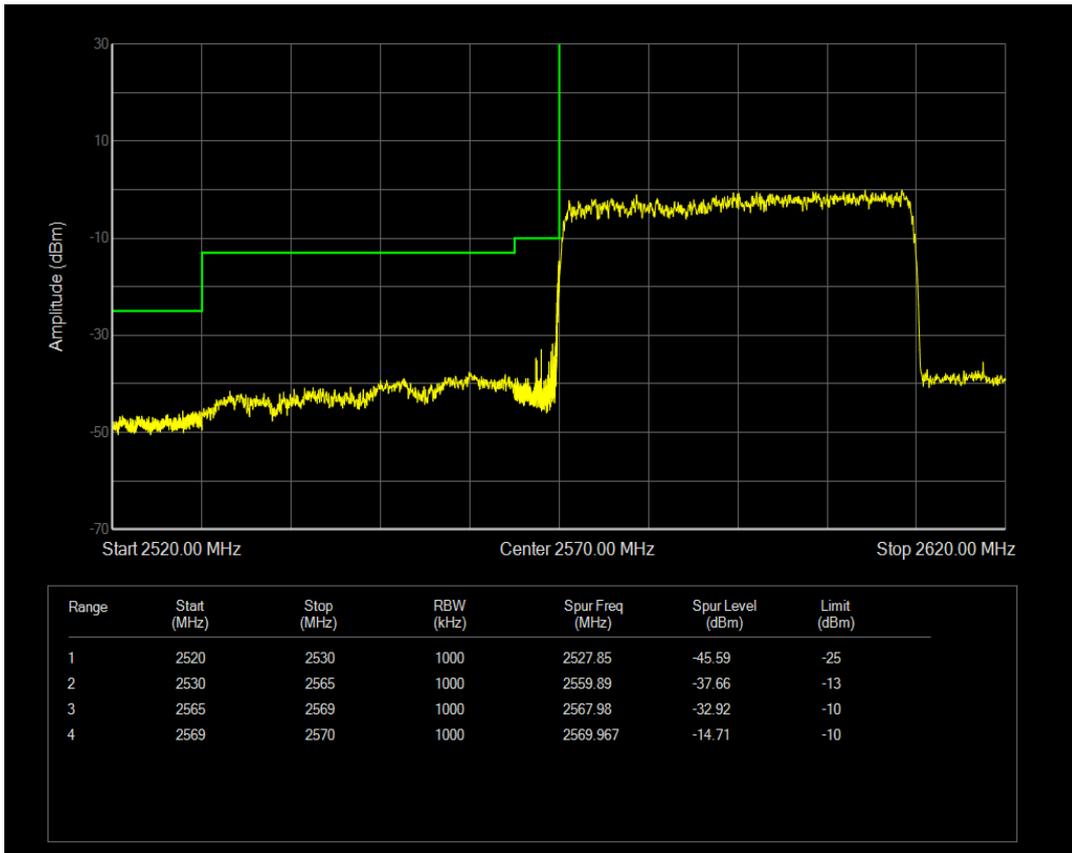
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=25 @0



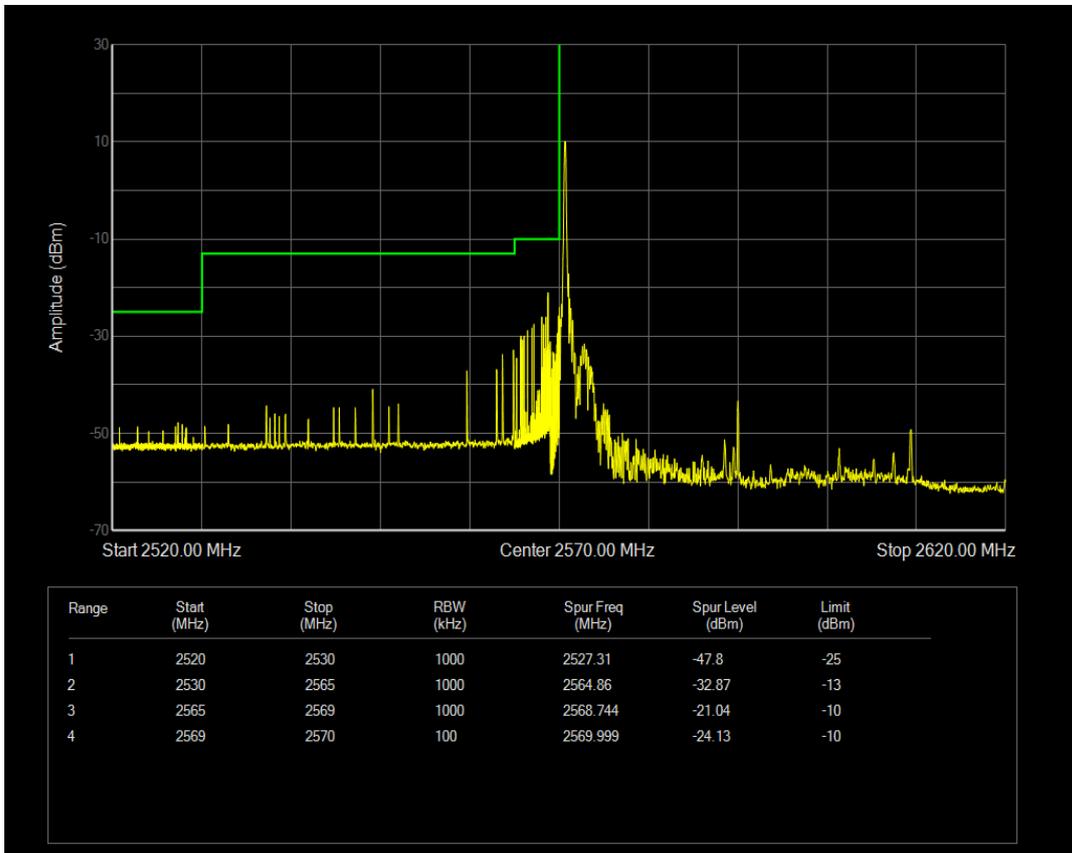
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=1 @24



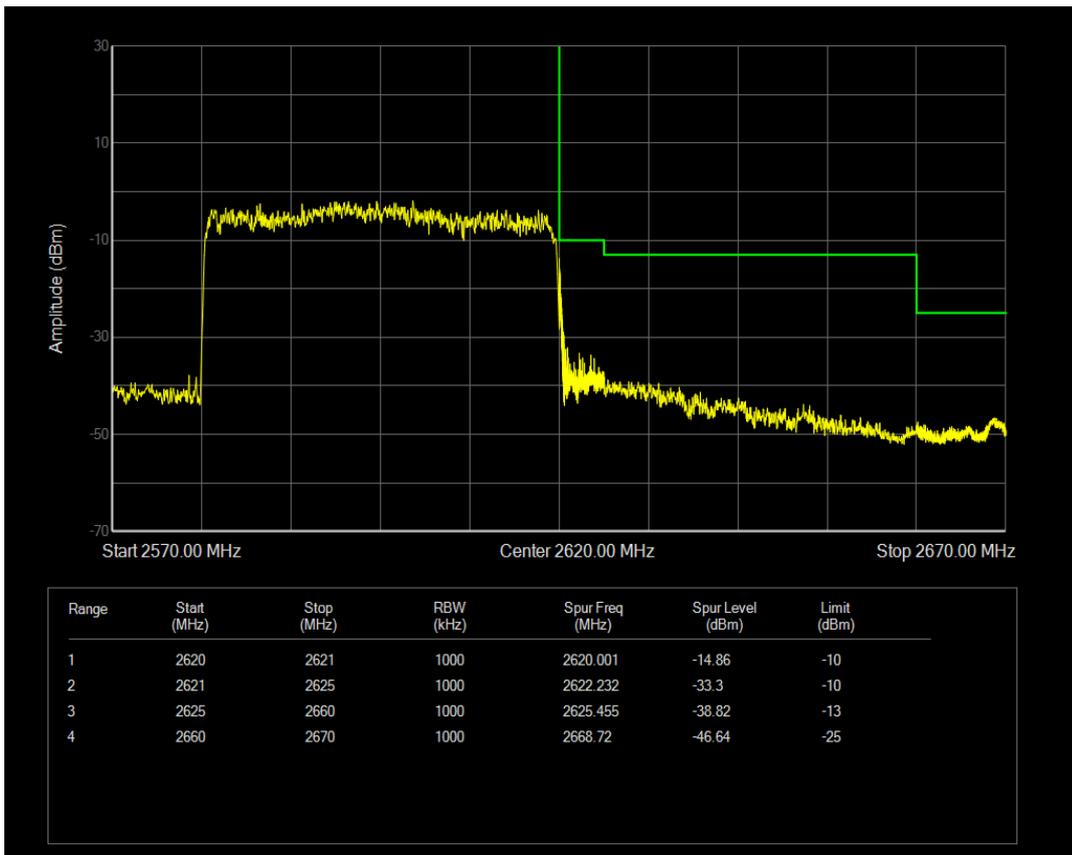
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=216@0



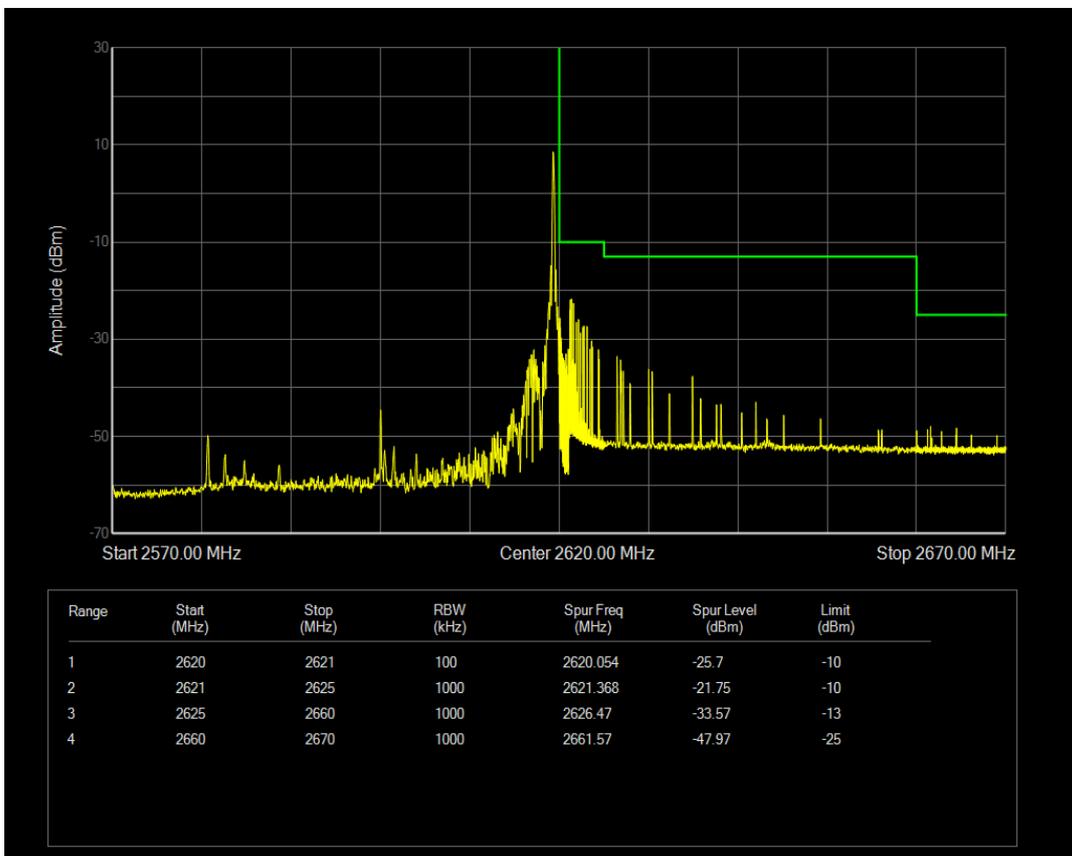
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



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



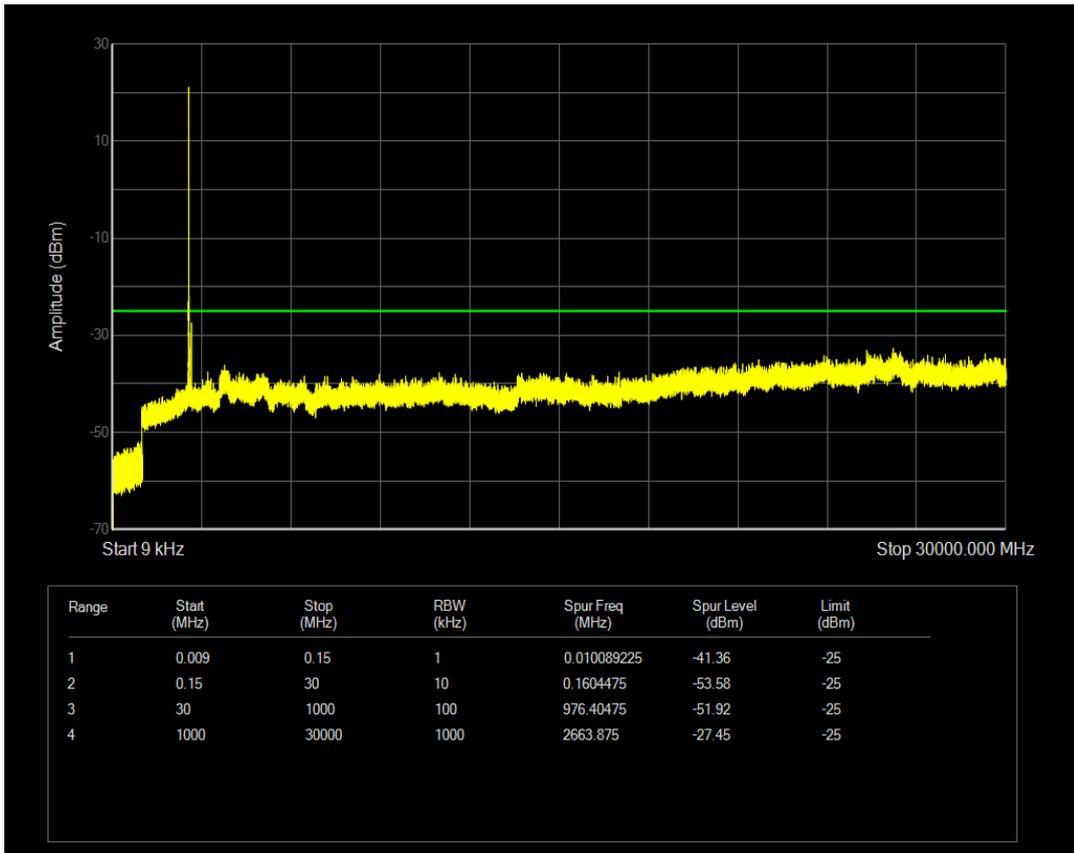
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1@215



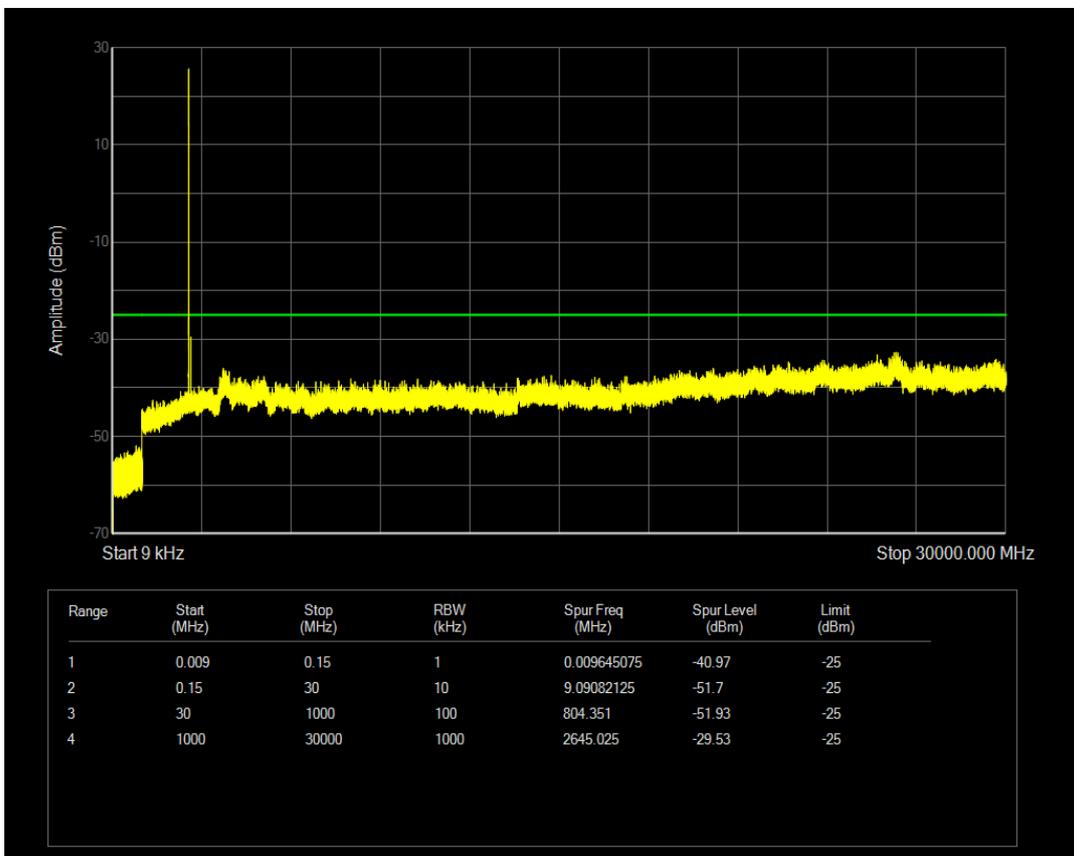
## 6 Out-of-band emissions for NR FR1

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	2663.88	-27.45	-25	PASS
n38	15	5	514500	1@0	DFT_QPSK	2645.03	-29.53	-25	PASS
n38	15	5	514500	1@24	DFT_QPSK	26348.9	-32.9	-25	PASS
n38	15	5	518500	25@0	DFT_QPSK	2522.5	-28.22	-25	PASS
n38	15	5	518500	1@0	DFT_QPSK	2537	-25.89	-25	PASS
n38	15	5	518500	1@24	DFT_QPSK	2682.73	-30.52	-25	PASS
n38	15	5	523500	25@0	DFT_QPSK	25739.18	-33.11	-25	PASS
n38	15	5	523500	1@0	DFT_QPSK	26318.45	-32.96	-25	PASS
n38	15	5	523500	1@24	DFT_QPSK	26538.85	-32.99	-25	PASS
n38	15	40	518000	216@0	DFT_QPSK	26277.13	-33.08	-25	PASS
n38	15	40	518000	1@0	DFT_QPSK	29441.03	-33.61	-25	PASS
n38	15	40	518000	1@215	DFT_QPSK	26339.48	-33.02	-25	PASS
n38	15	40	519000	216@0	DFT_QPSK	26290.18	-33.28	-25	PASS
n38	15	40	519000	1@0	DFT_QPSK	25516.6	-33.65	-25	PASS
n38	15	40	519000	1@215	DFT_QPSK	26456.2	-33.25	-25	PASS
n38	15	40	520000	216@0	DFT_QPSK	26171.28	-33.11	-25	PASS
n38	15	40	520000	1@0	DFT_QPSK	25766	-32.62	-25	PASS
n38	15	40	520000	1@215	DFT_QPSK	26256.1	-32.83	-25	PASS

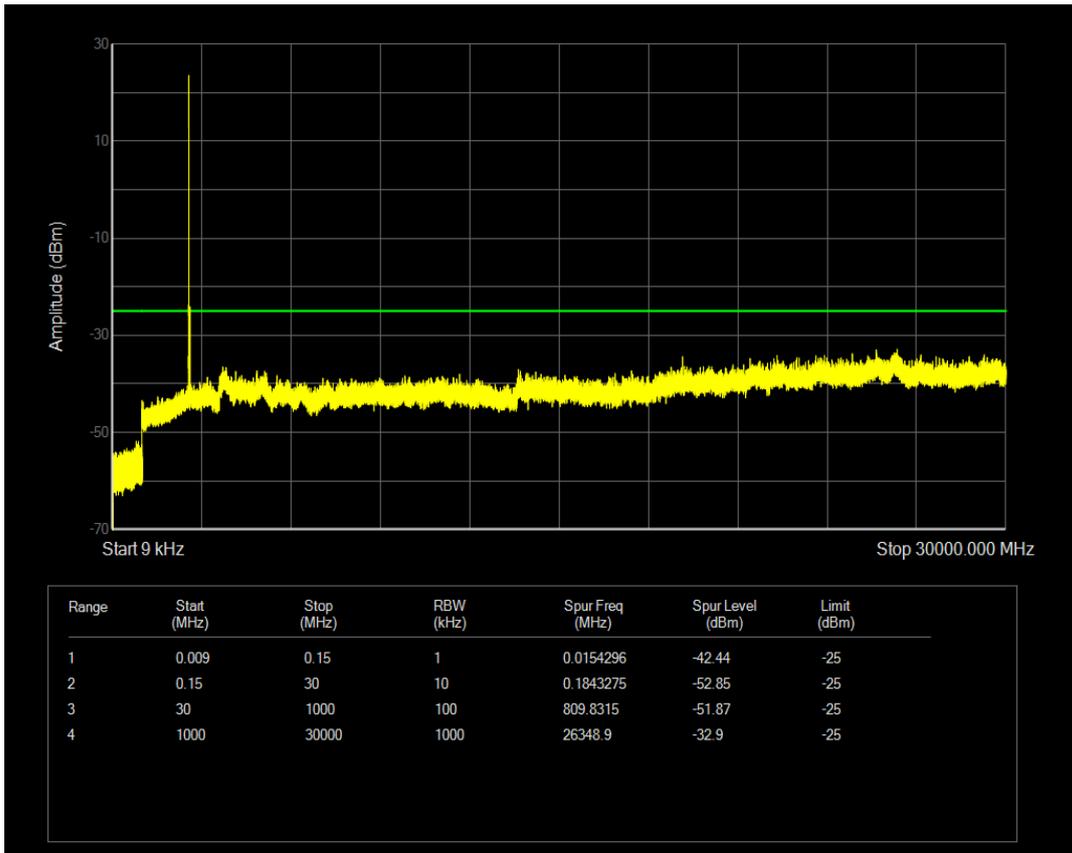
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=25@0



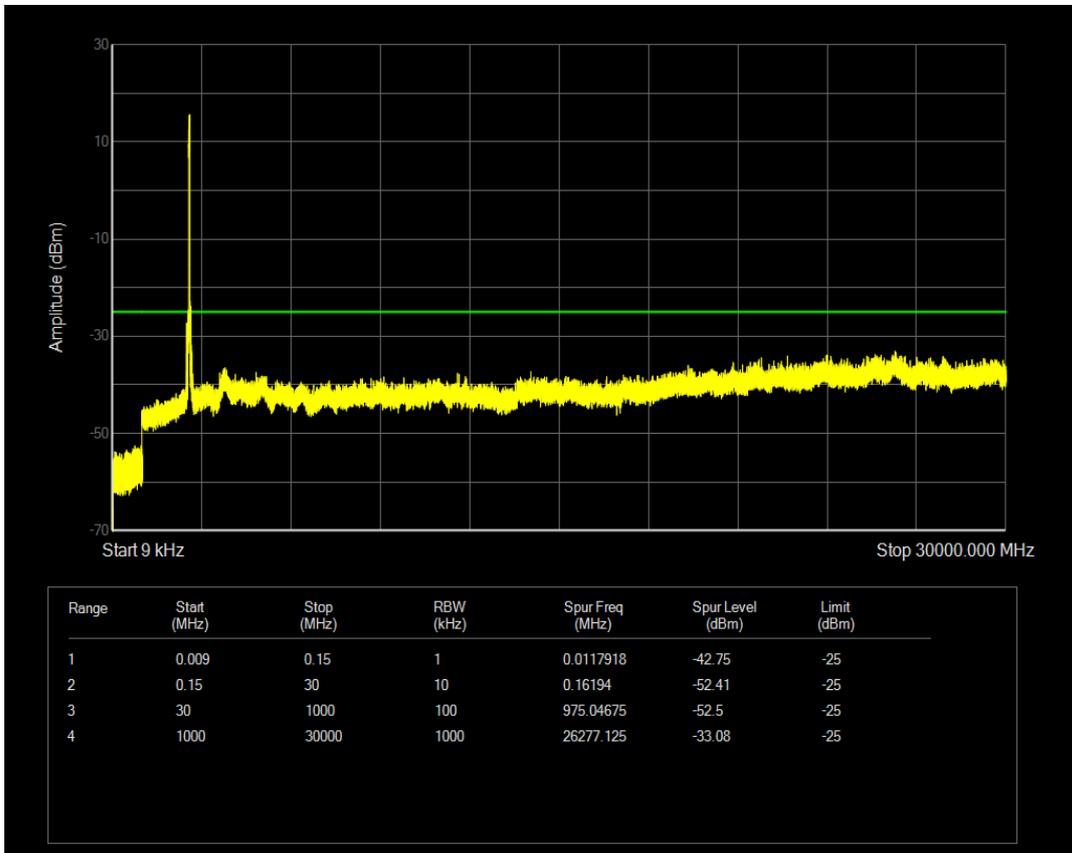
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@0



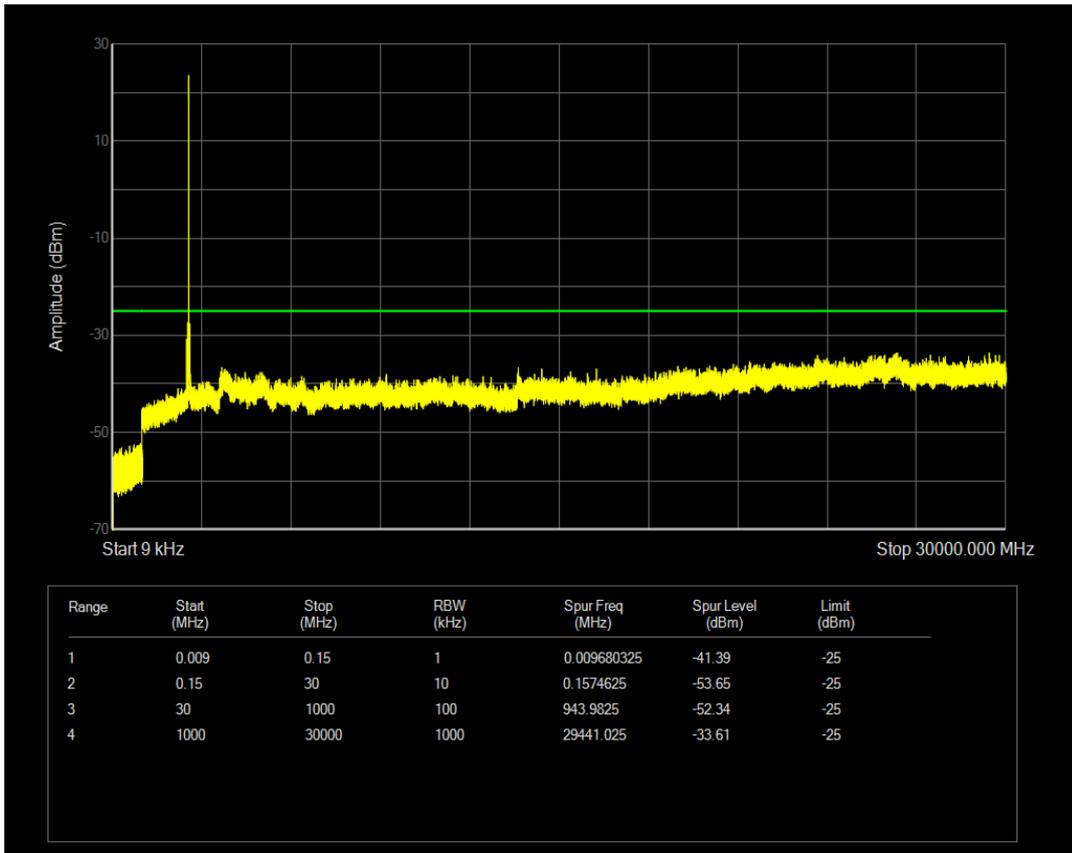
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@24



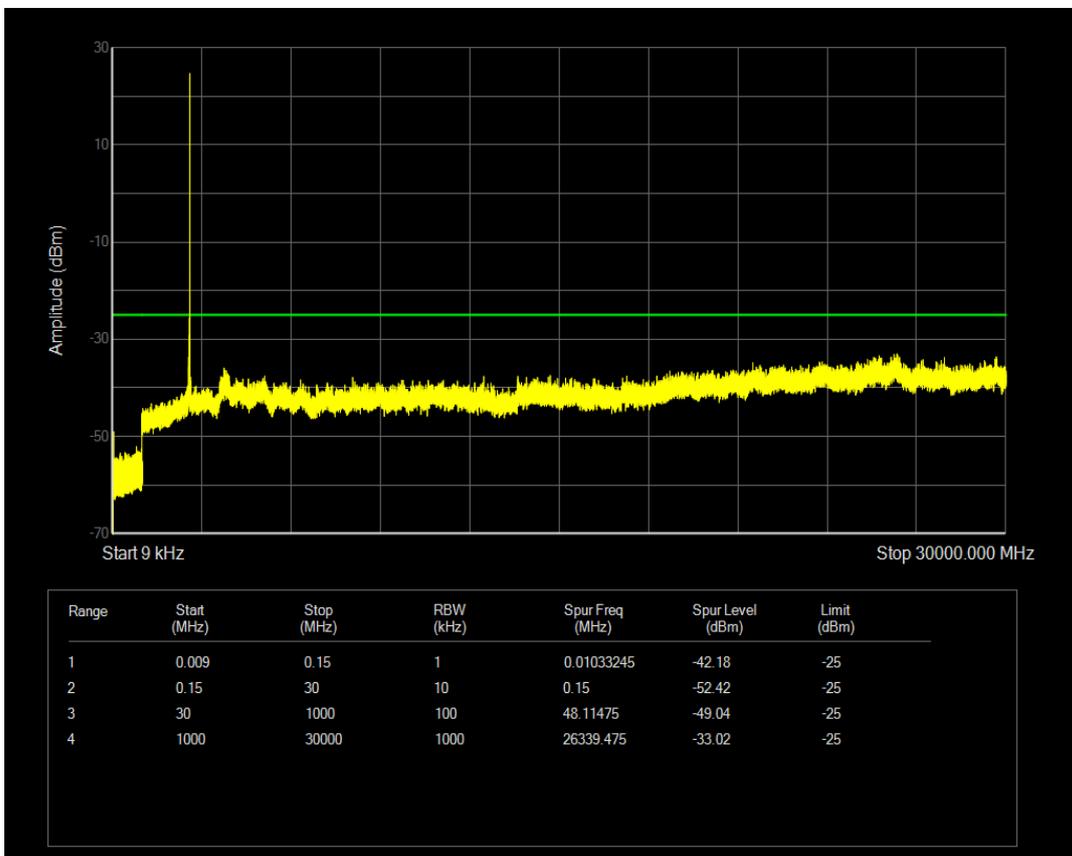
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=216@0



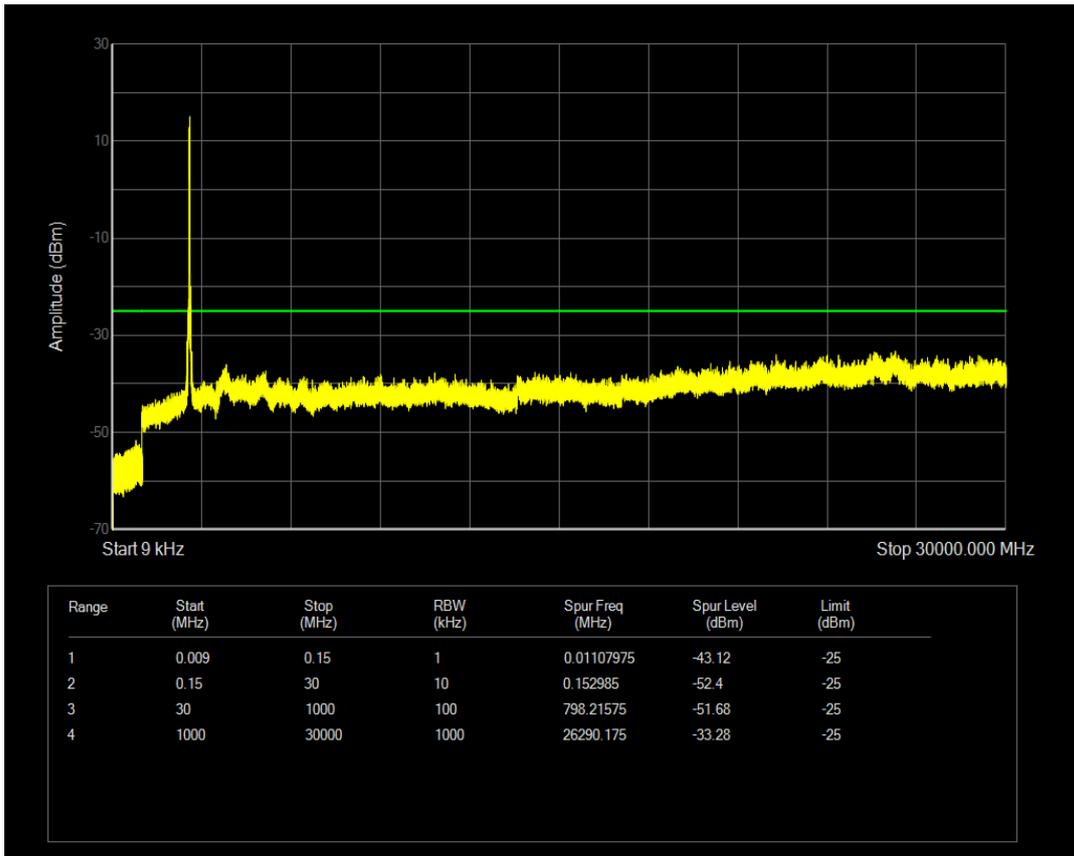
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1 @0



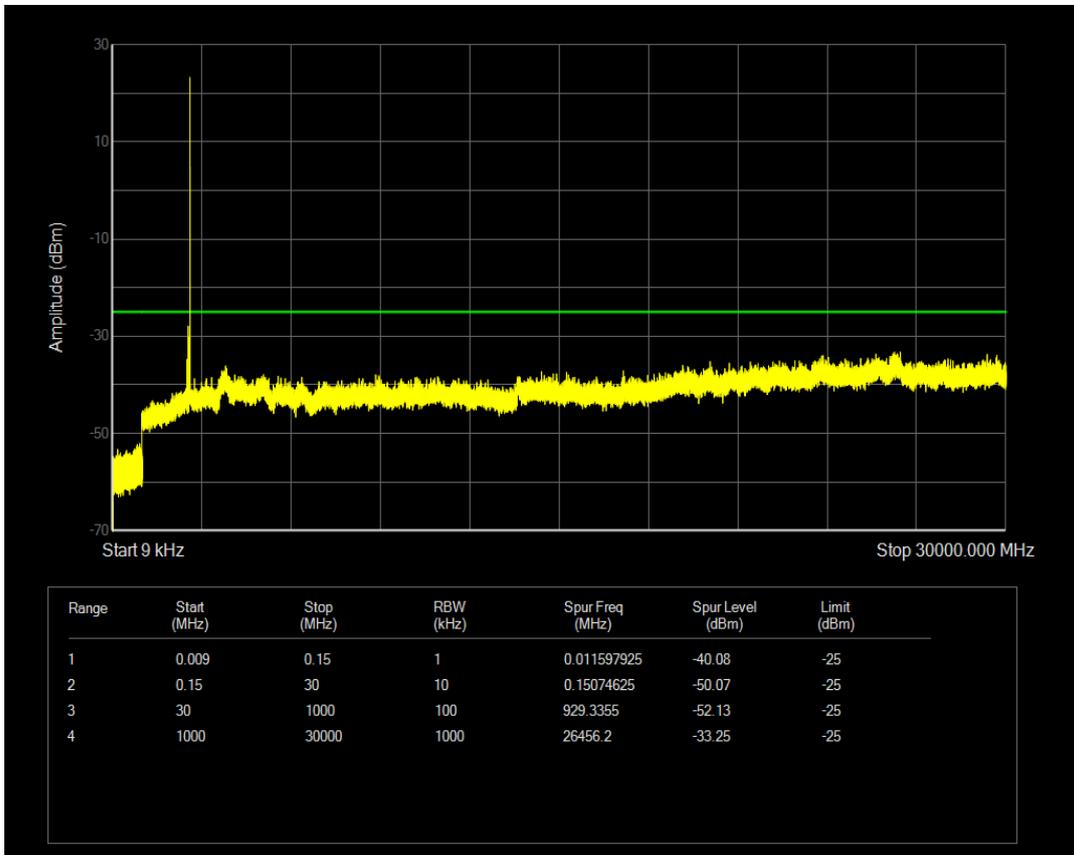
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1 @215



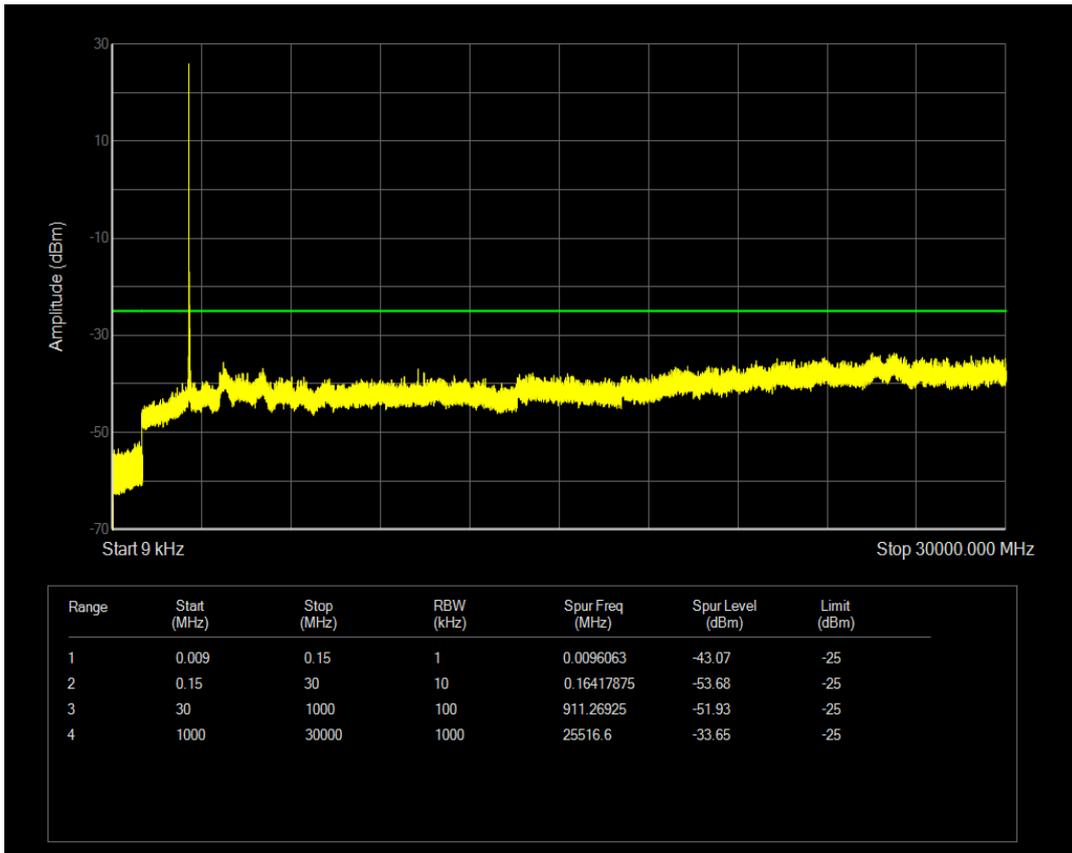
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=216@0



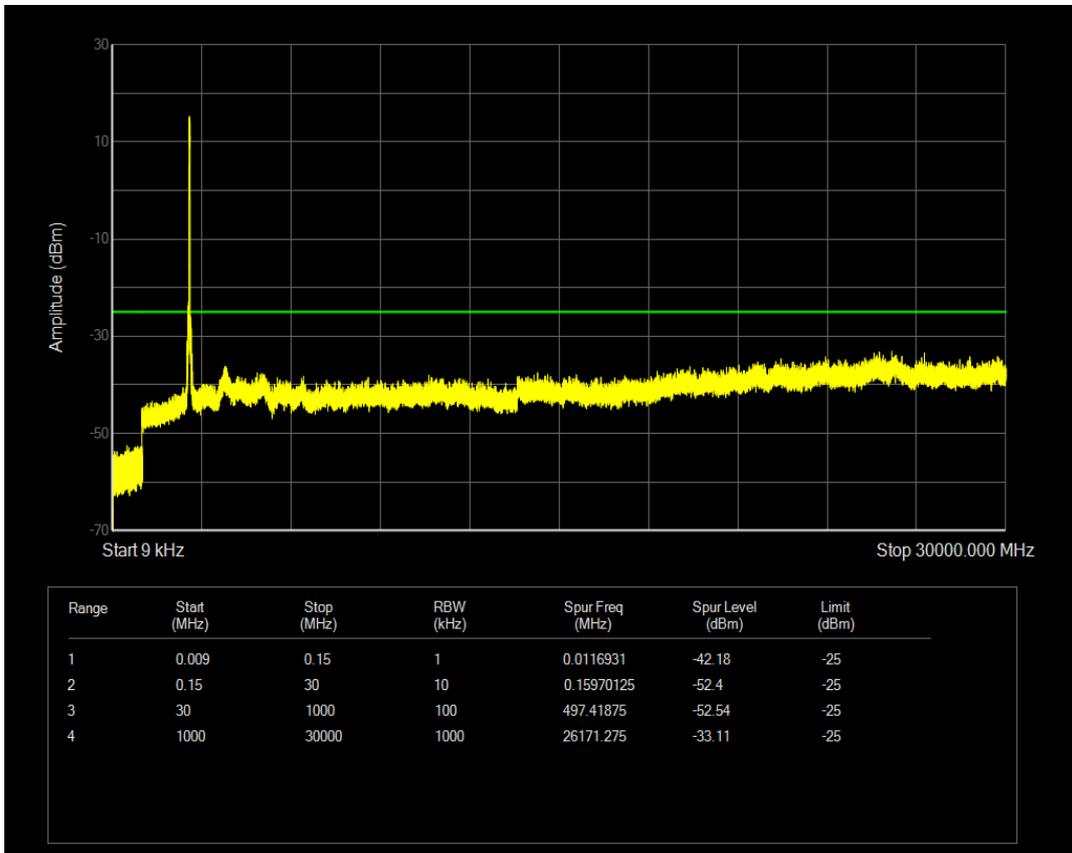
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@215



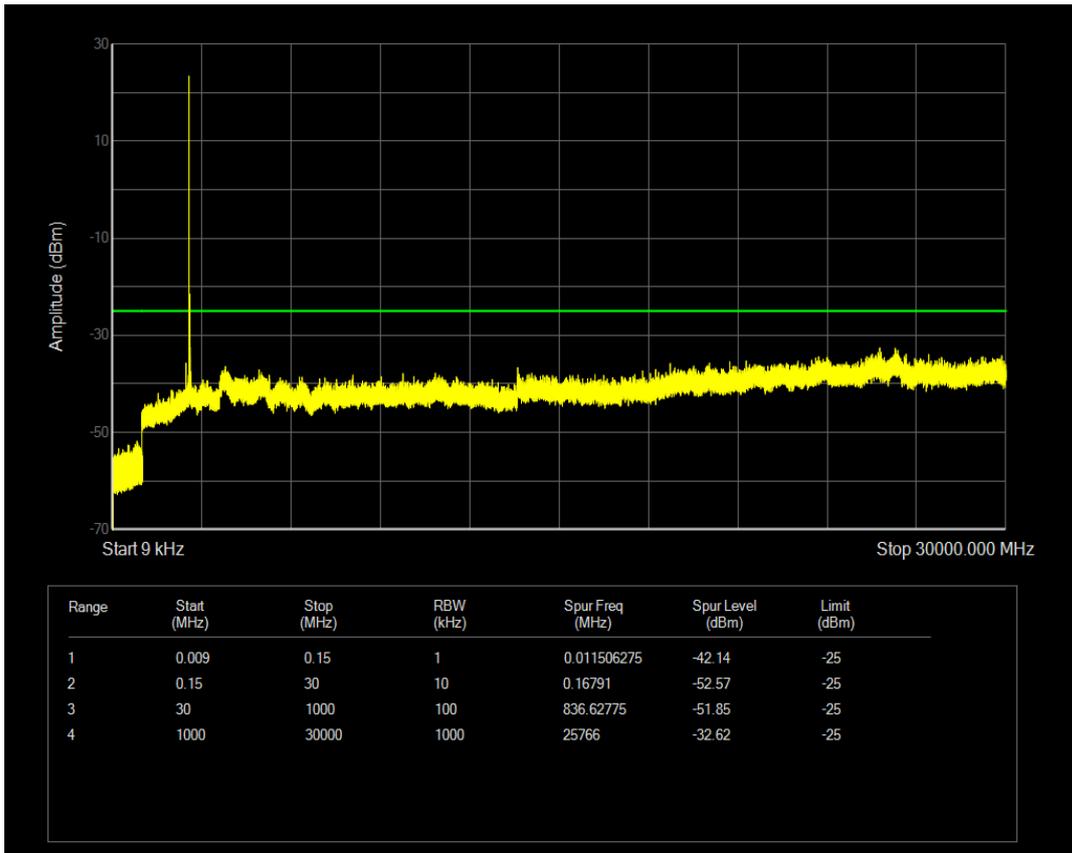
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@0



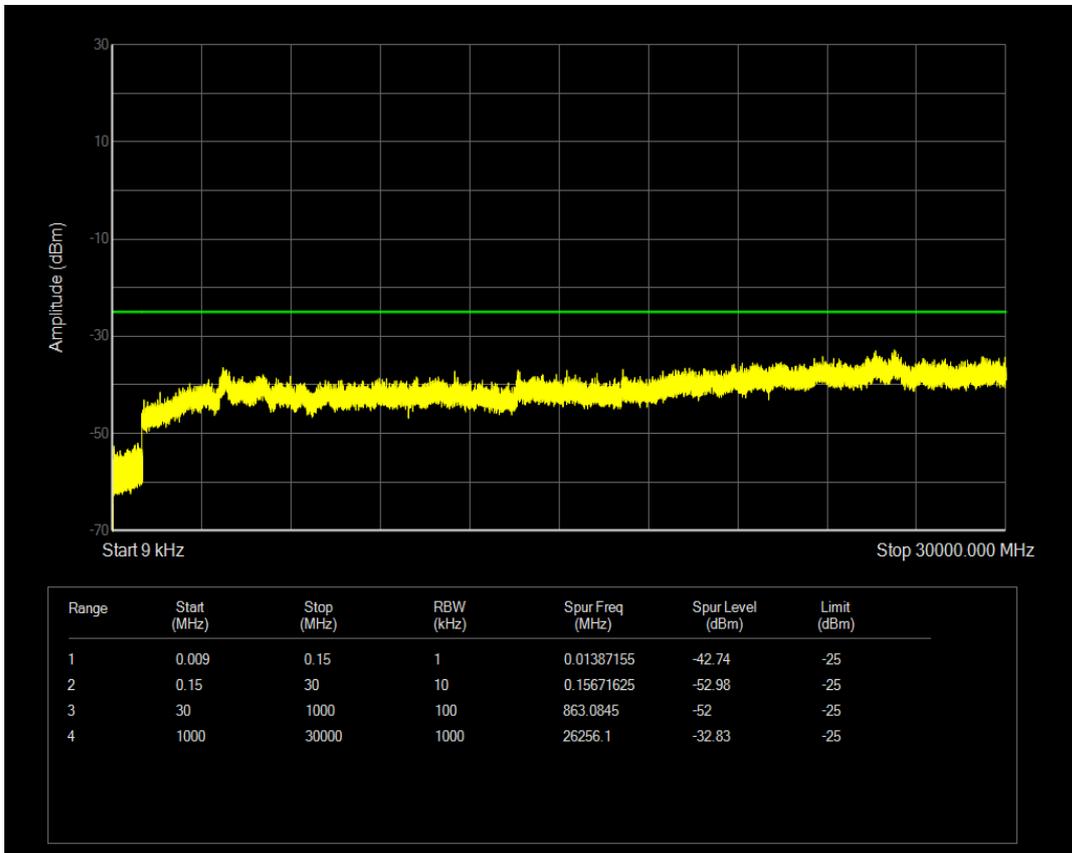
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=216@0



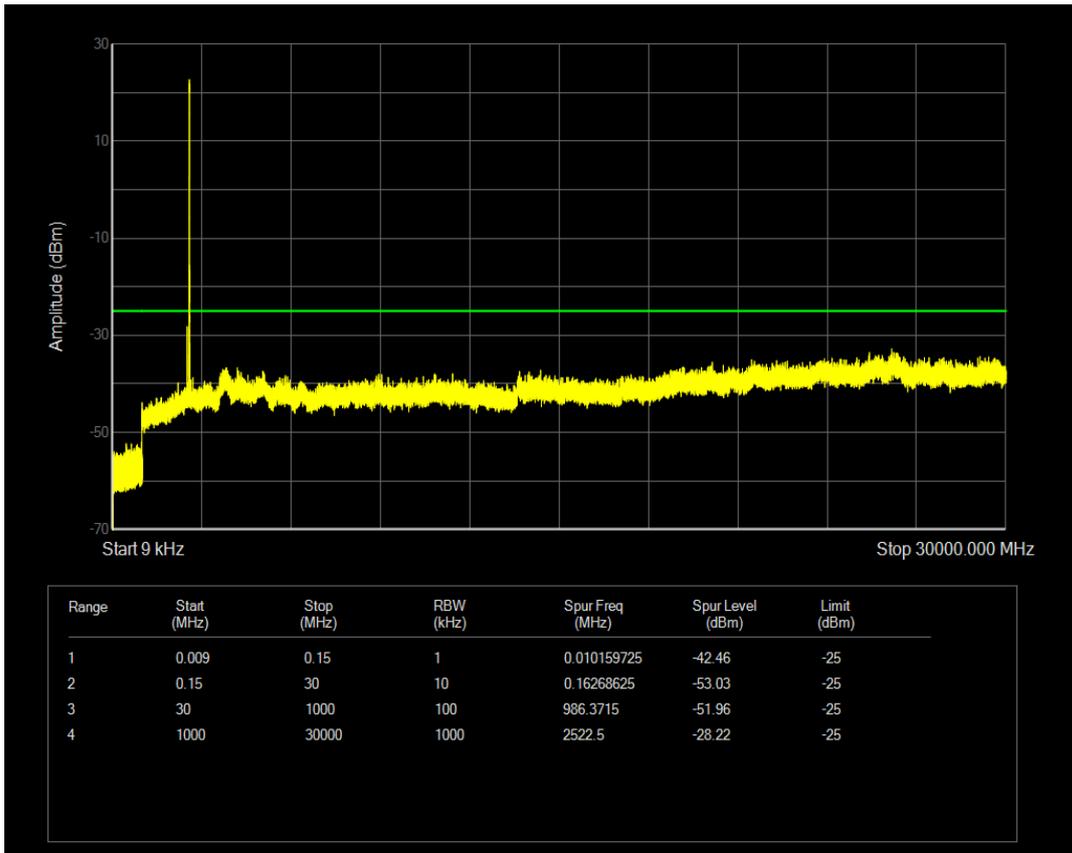
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1 @0



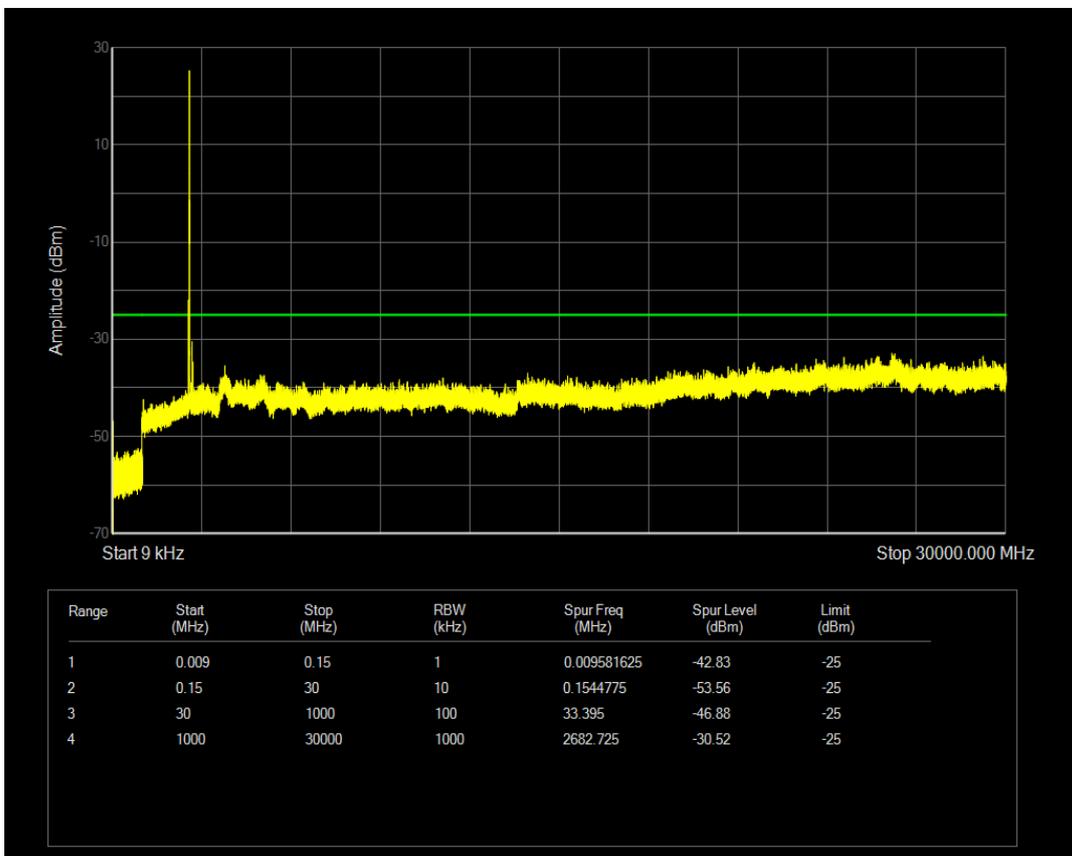
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1 @215



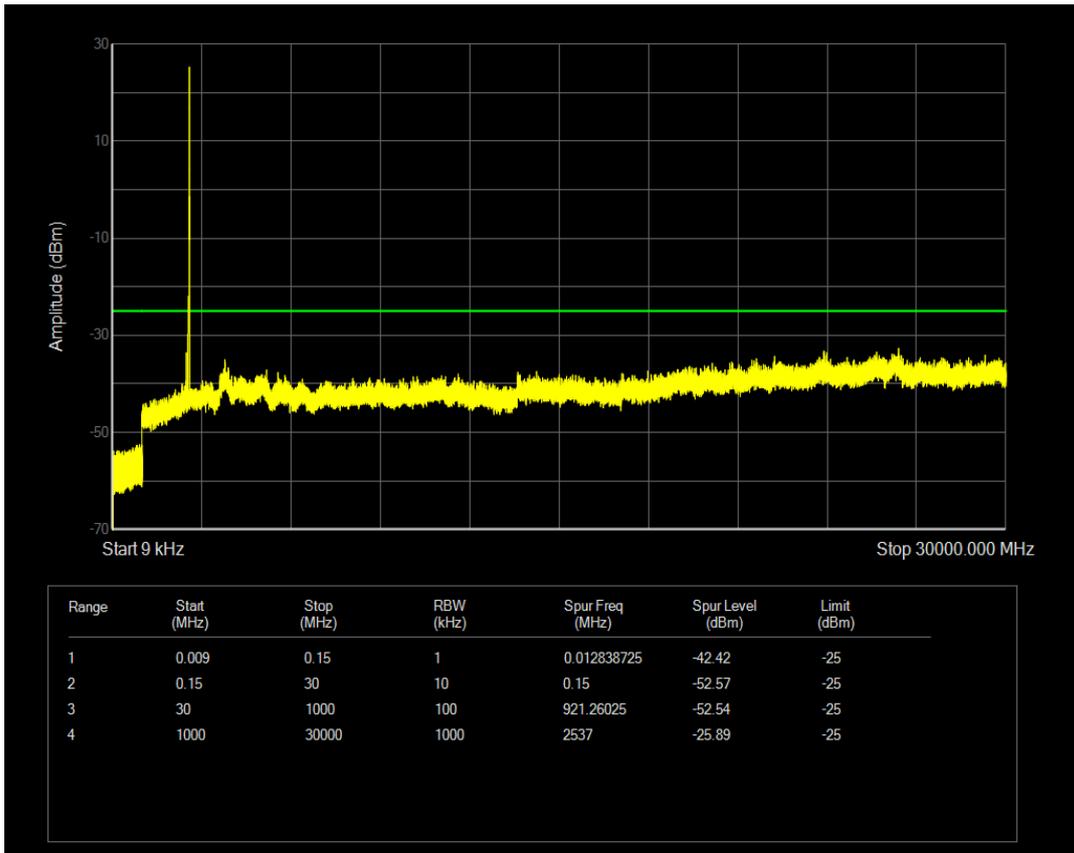
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=518500 RB=25@0



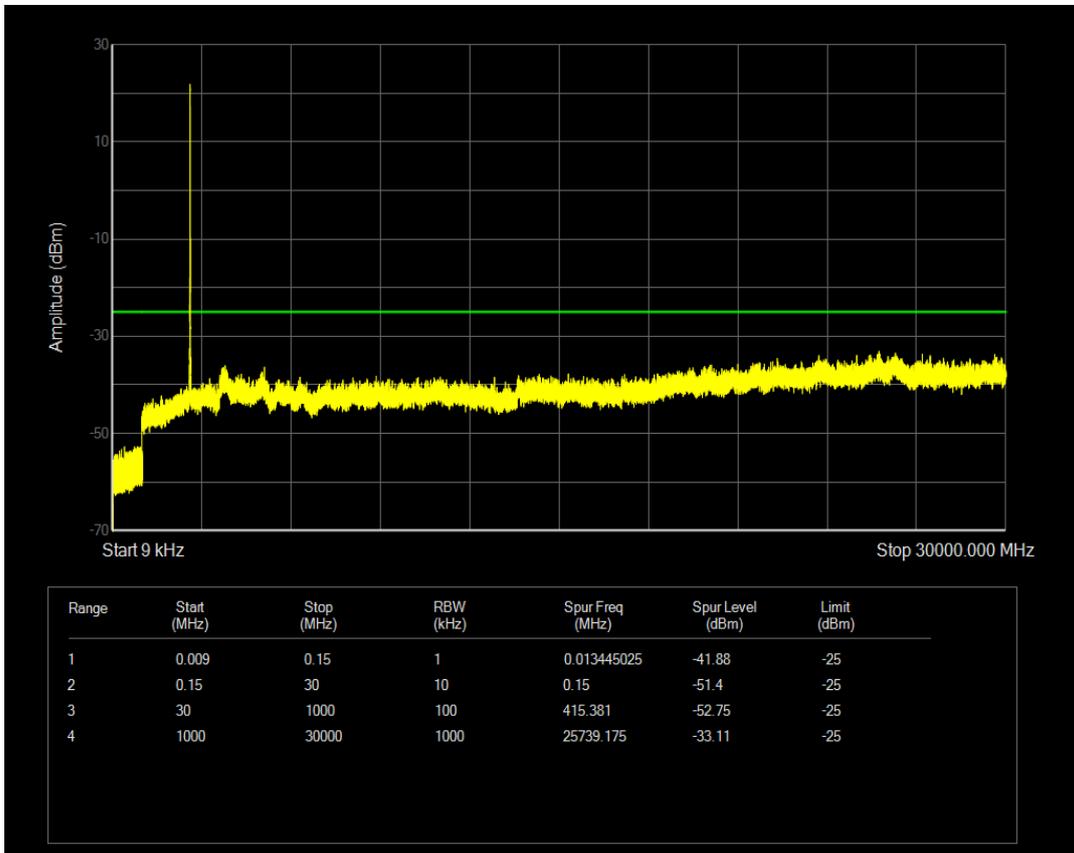
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=518500 RB=1@24



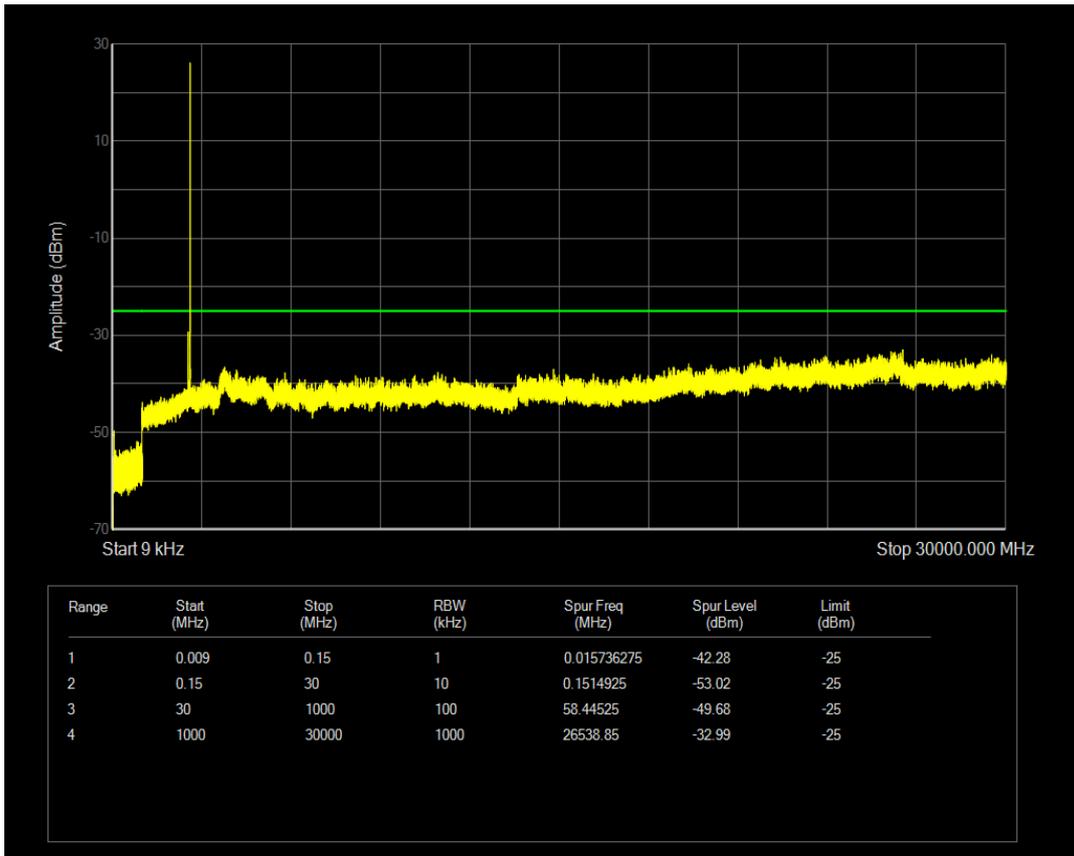
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=518500 RB=1@0



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=5MHz Channel=523500 RB=1@0

