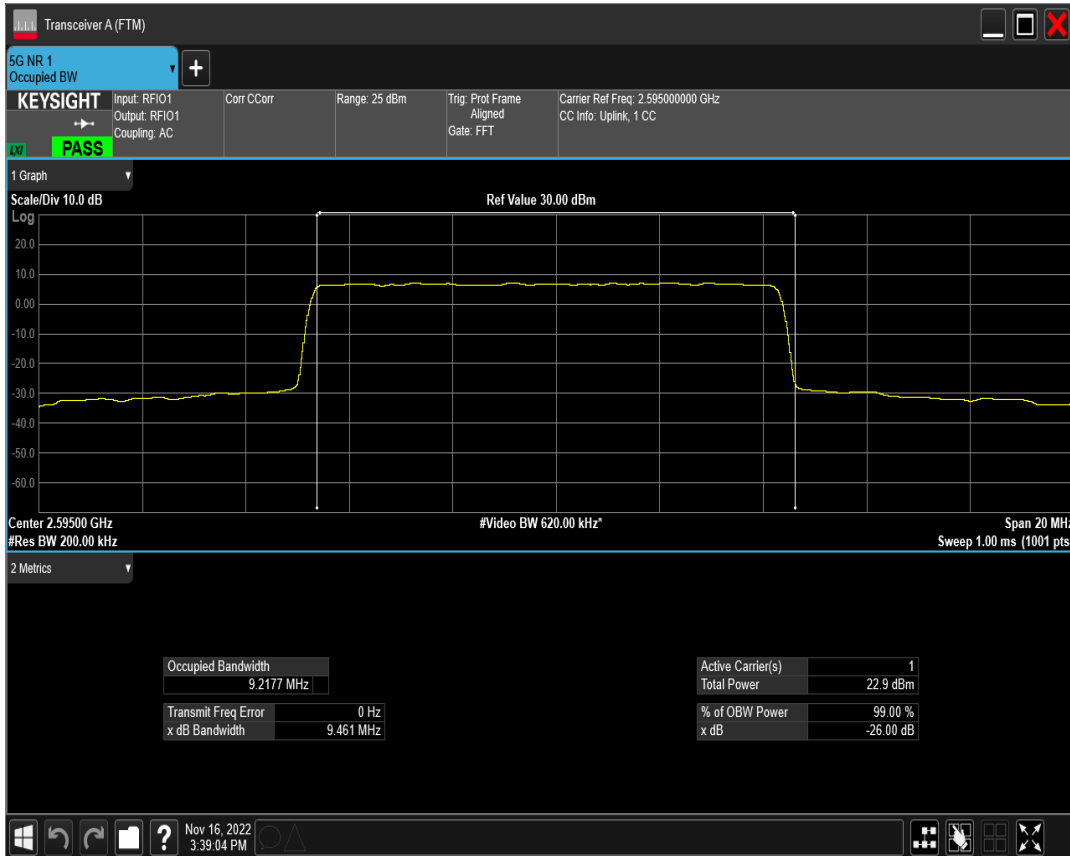


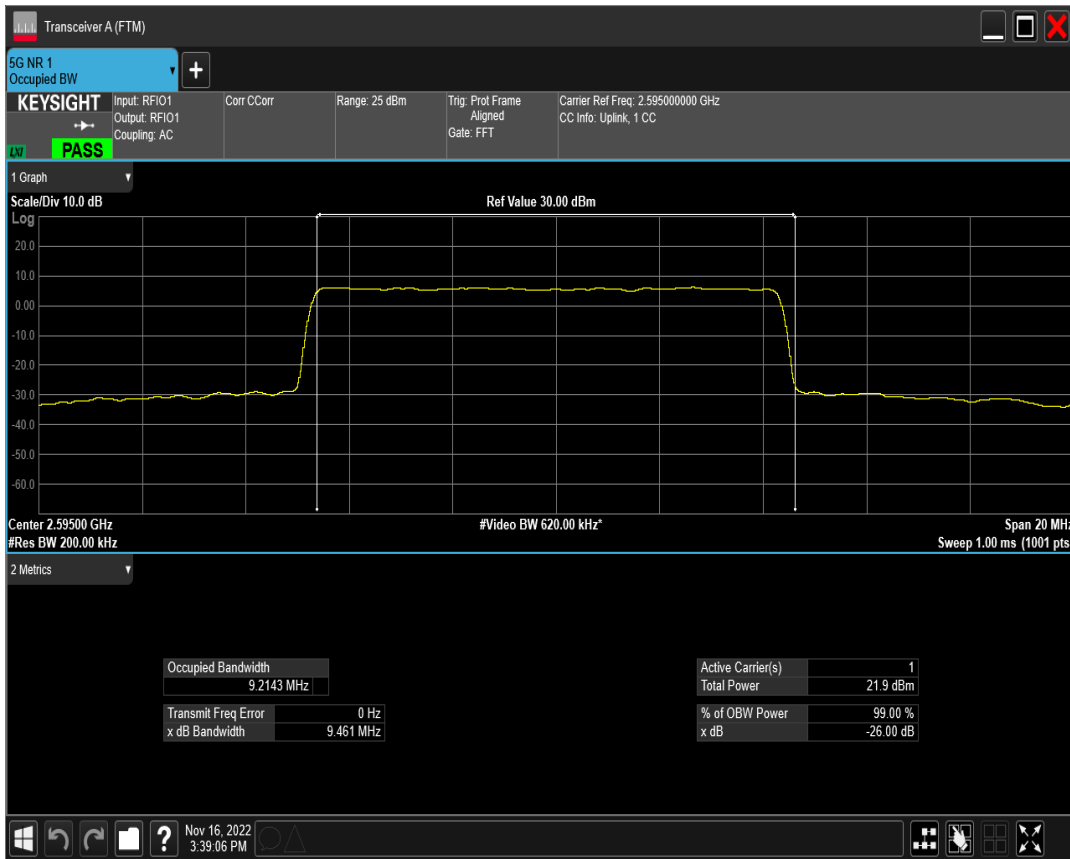
n38 SCS=15kHz DFT\_BPSK BW=10MHz Channel=519000 RB=50@0



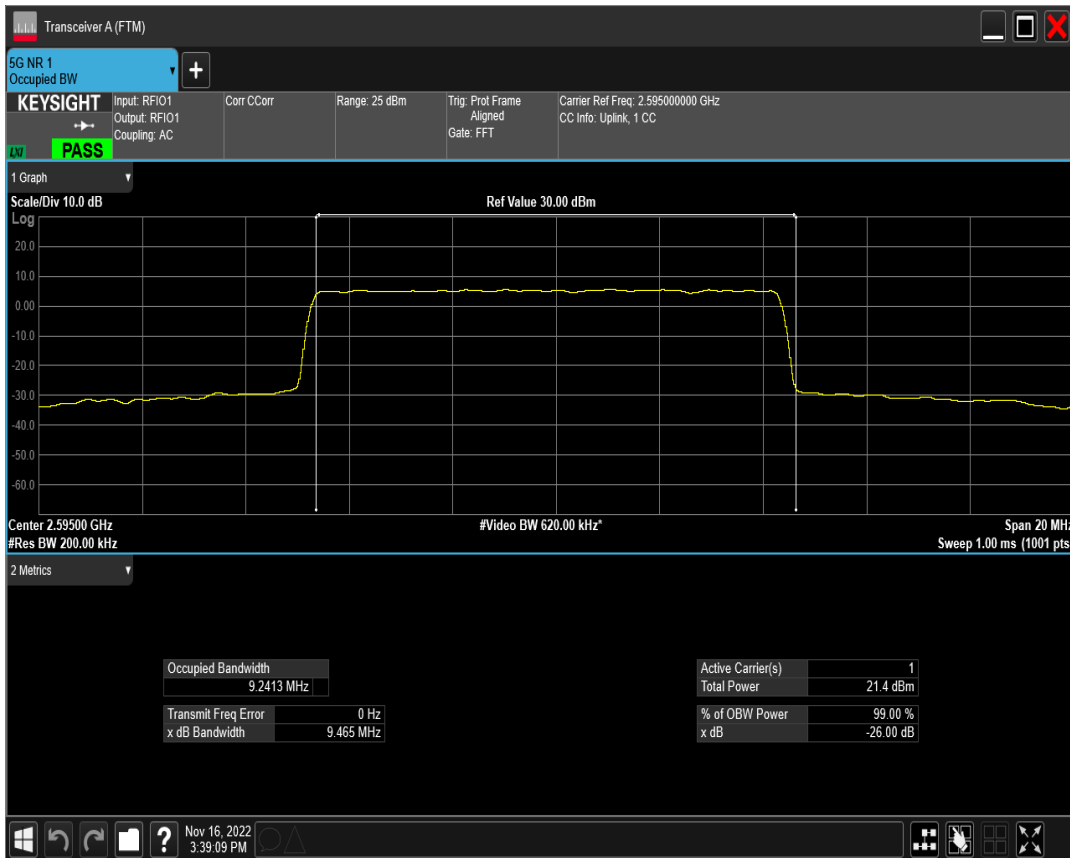
n38 SCS=15kHz DFT\_QPSK BW=10MHz Channel=519000 RB=50@0



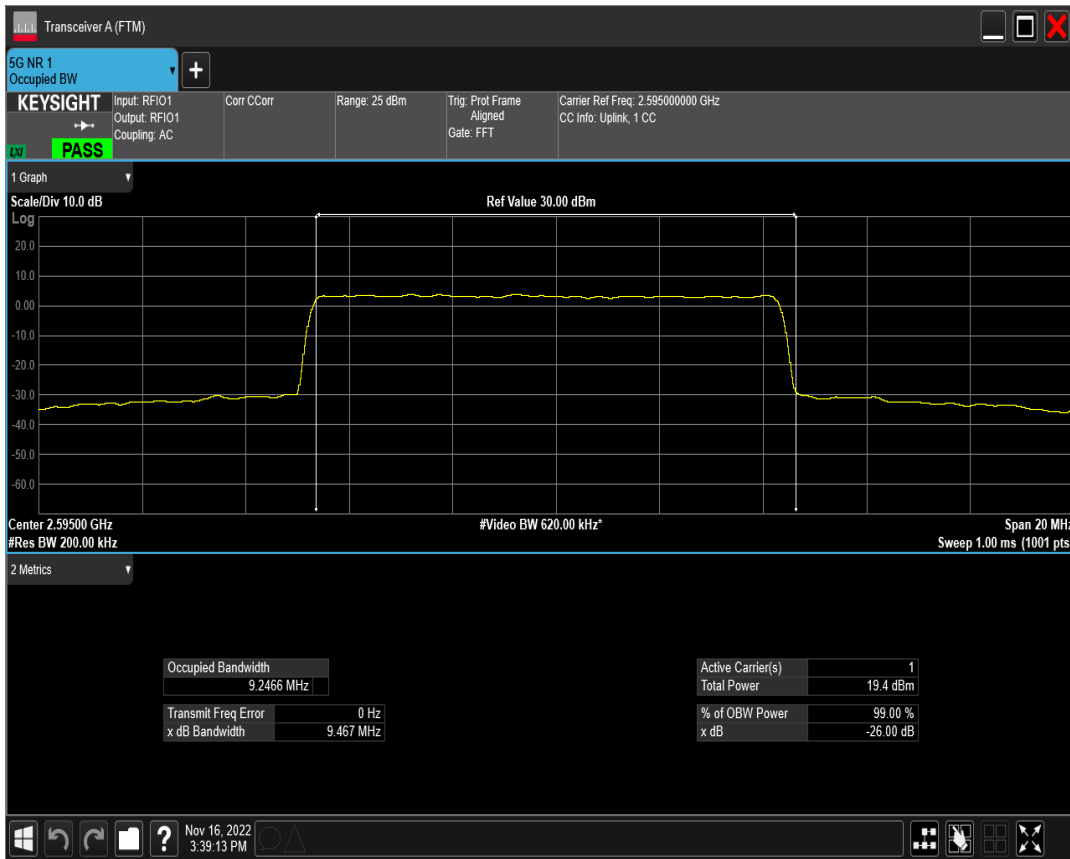
n38 SCS=15kHz DFT\_QAM16 BW=10MHz Channel=519000 RB=50@0



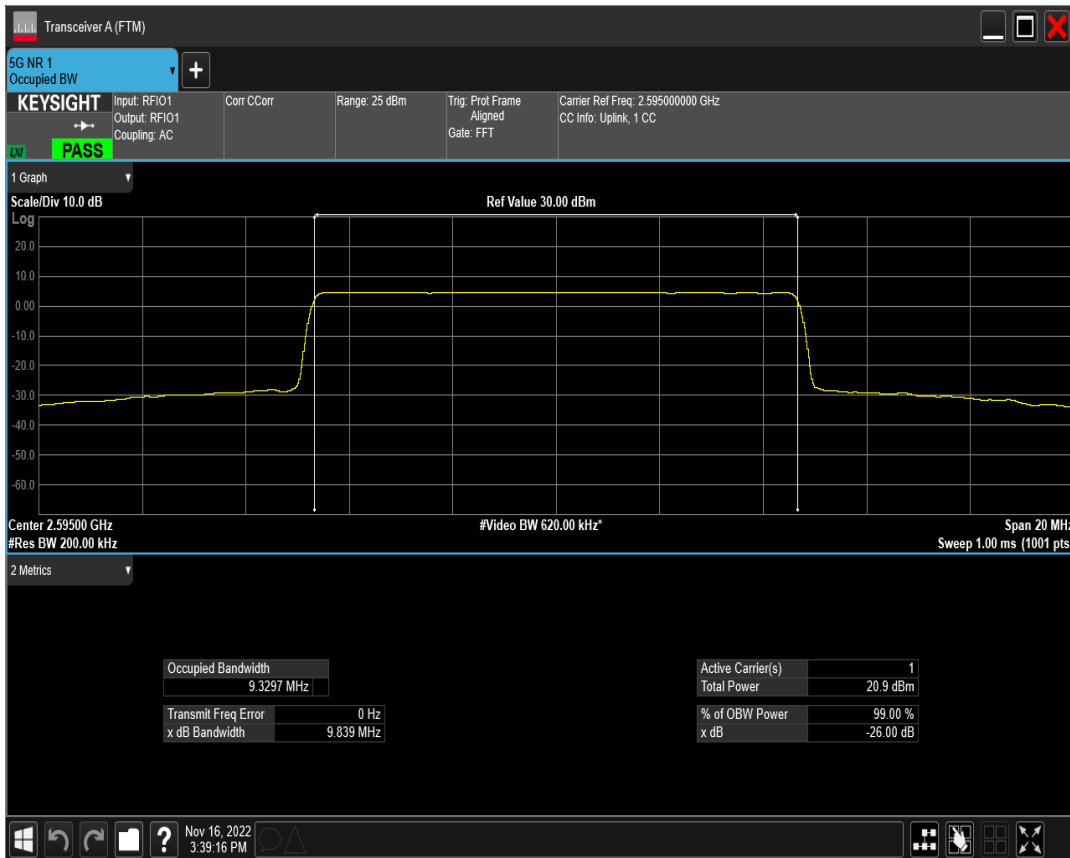
n38 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=519000 RB=50@0



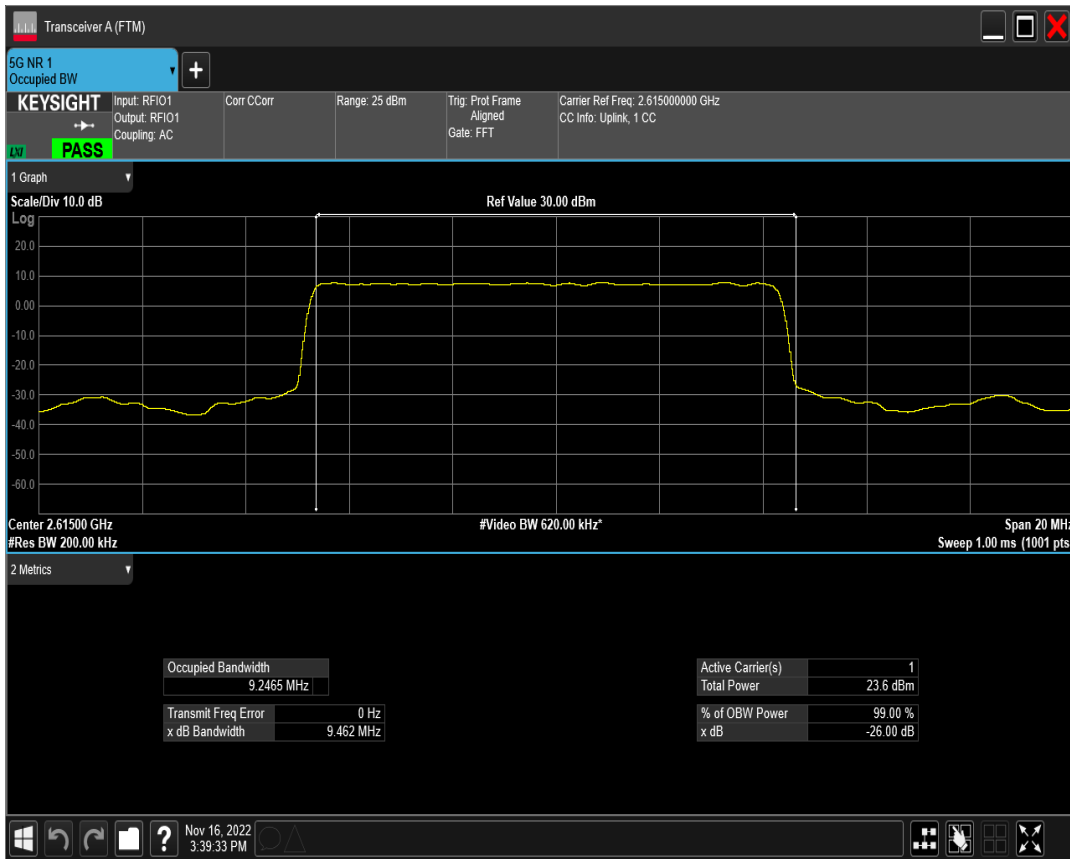
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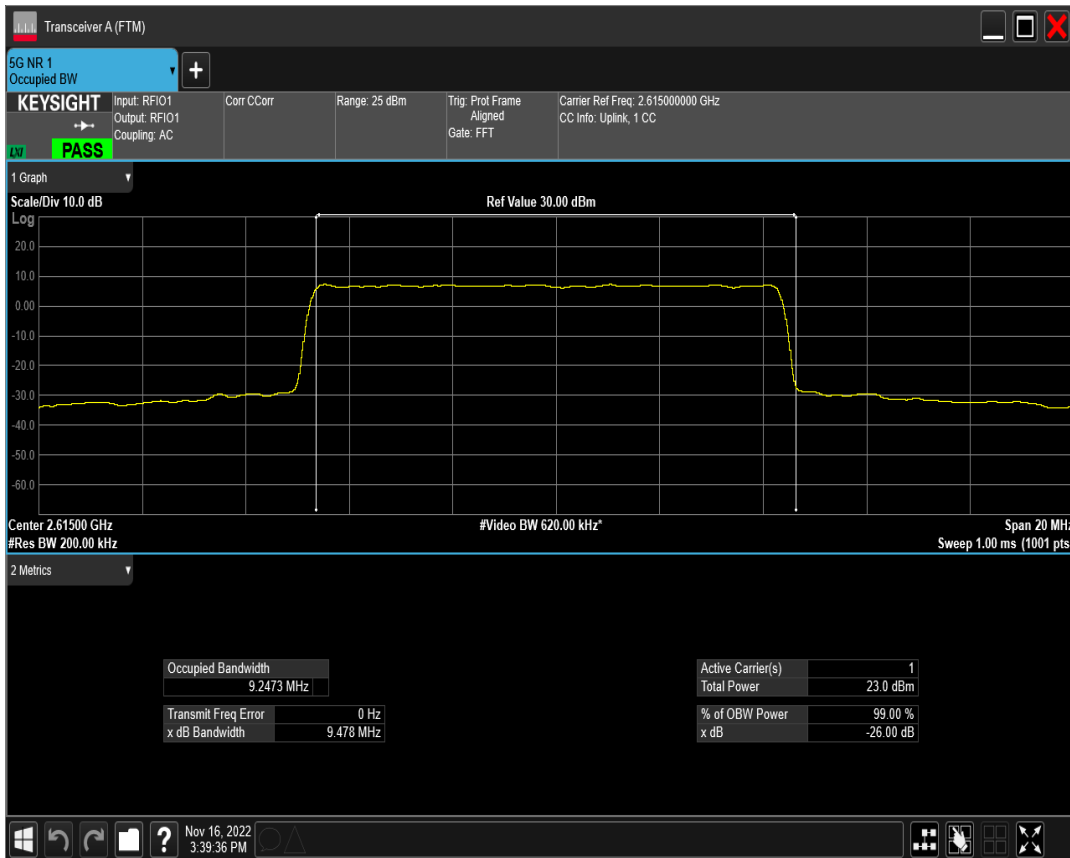
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n38 SCS=15kHz DFT\_BPSK BW=10MHz Channel=523000 RB=50@0



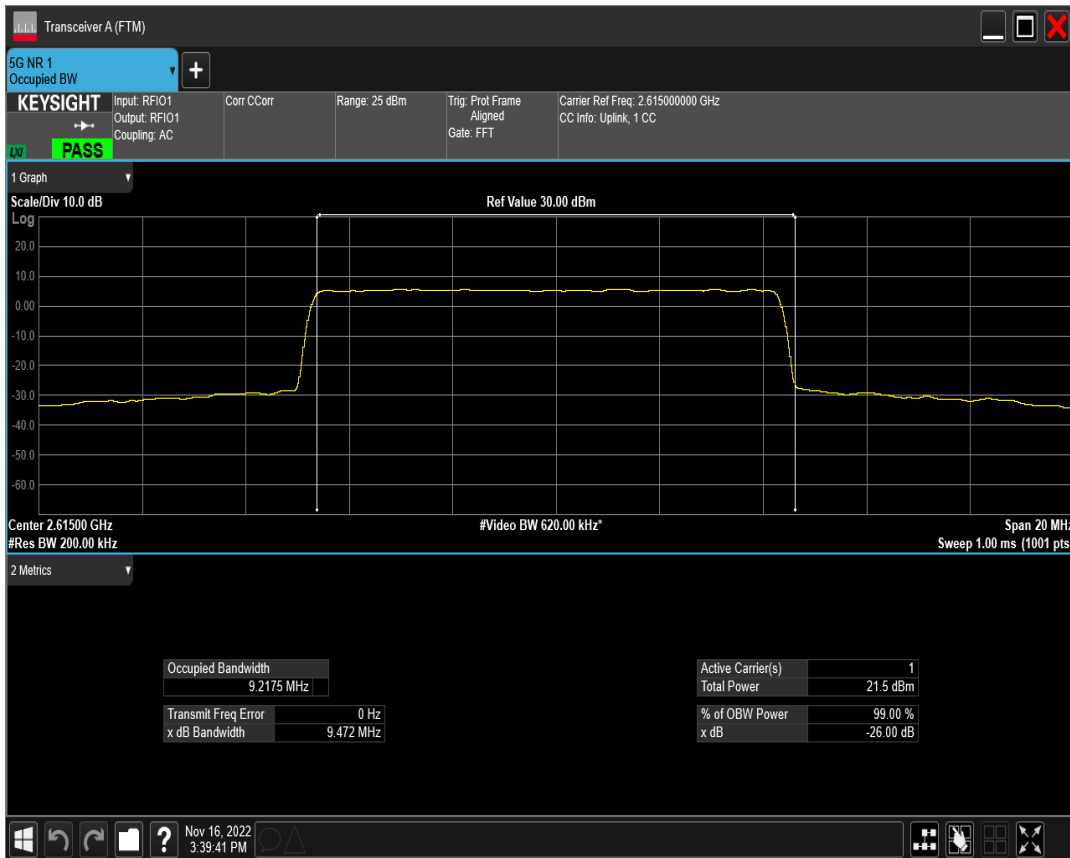
n38 SCS=15kHz DFT\_QPSK BW=10MHz Channel=523000 RB=50@0



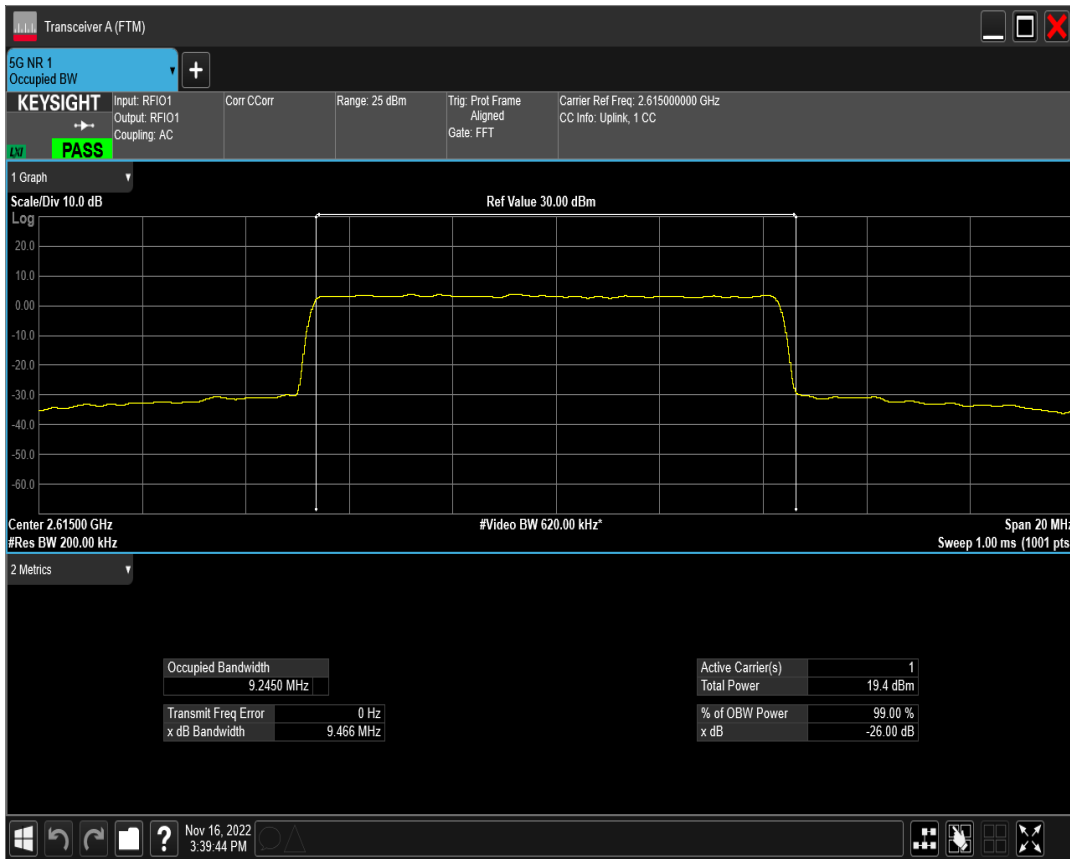
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n38 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=523000 RB=50@0



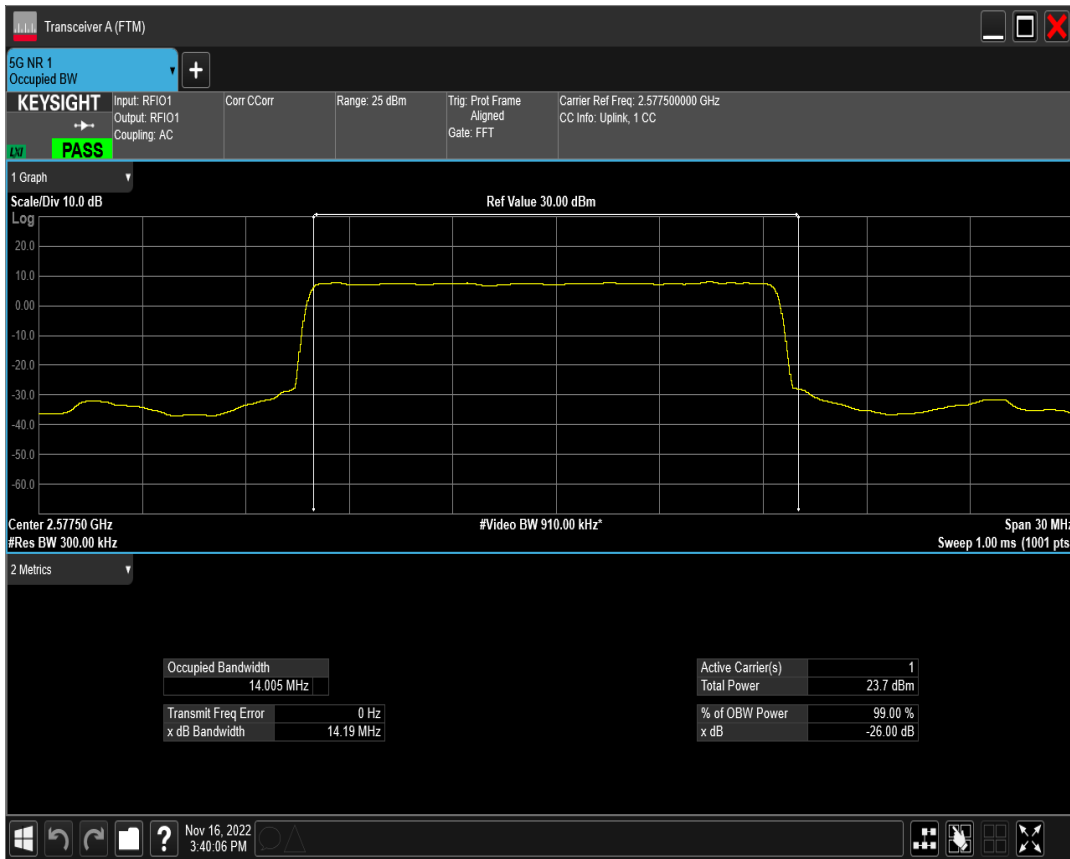
n38 SCS=15kHz DFT\_QAM256 BW=10MHz Channel=523000 RB=50@0



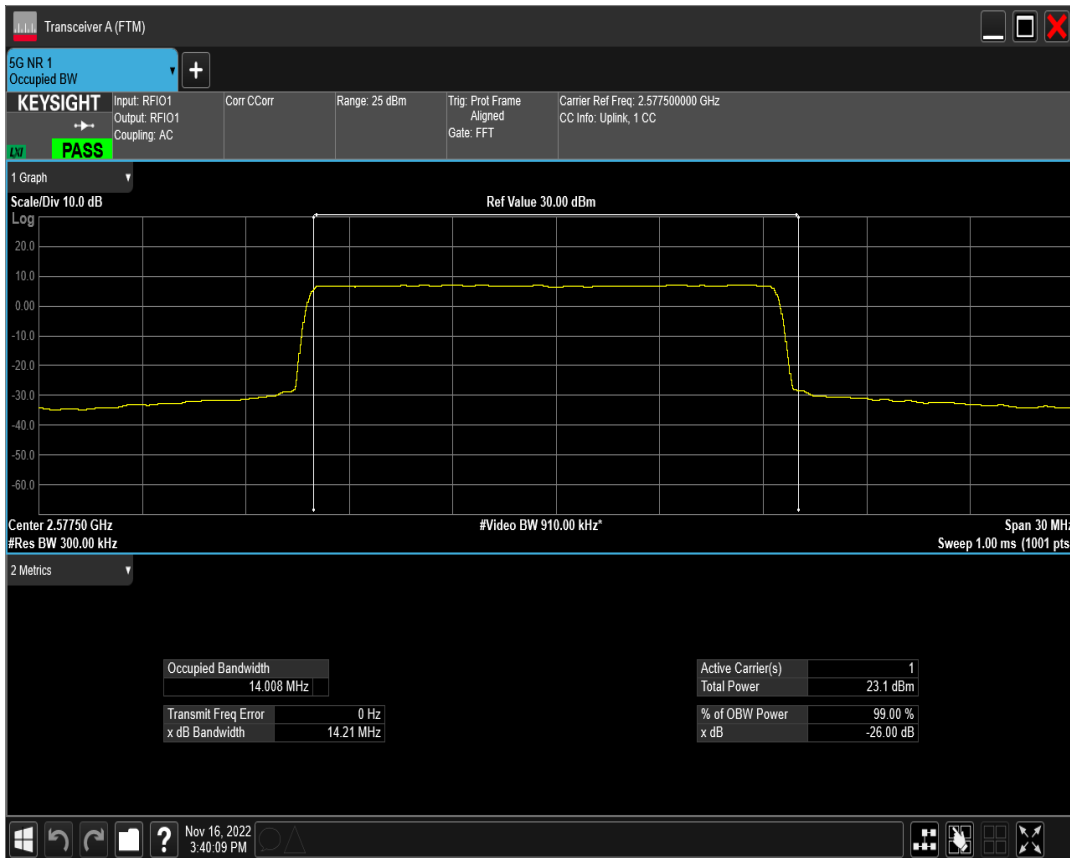
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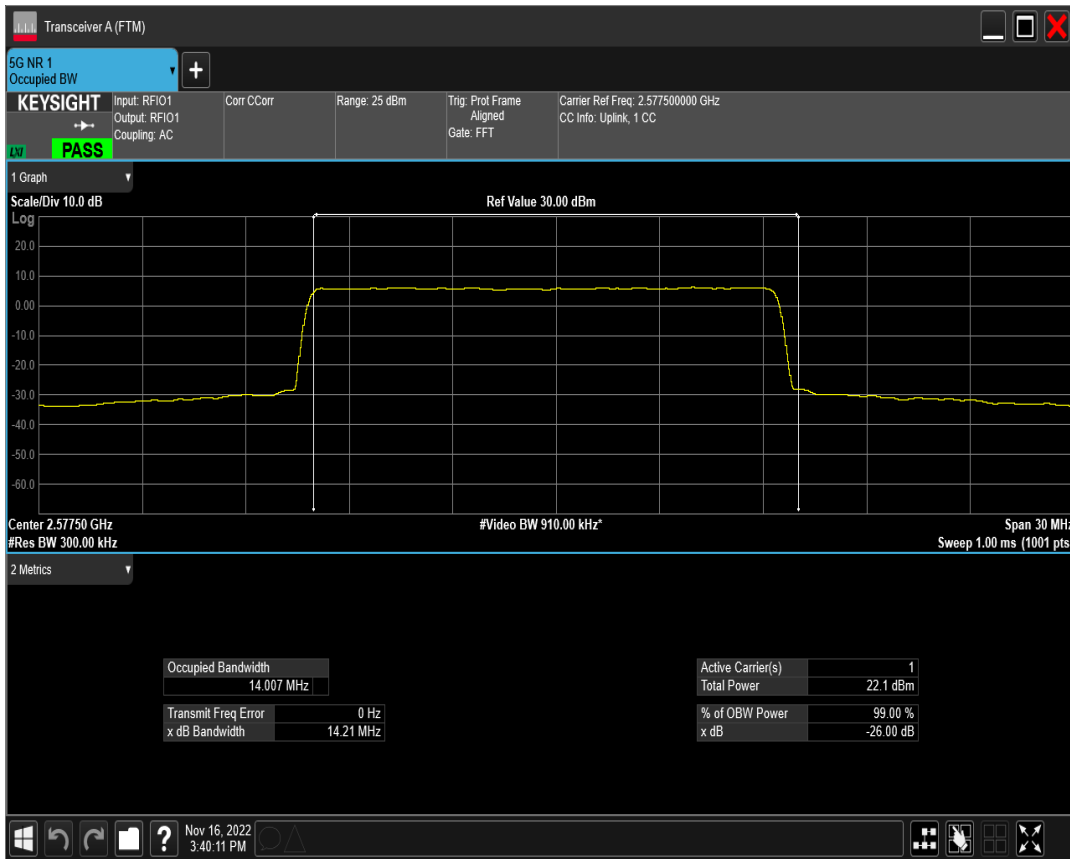
n38 SCS=15kHz DFT\_BPSK BW=15MHz Channel=515500 RB=75@0



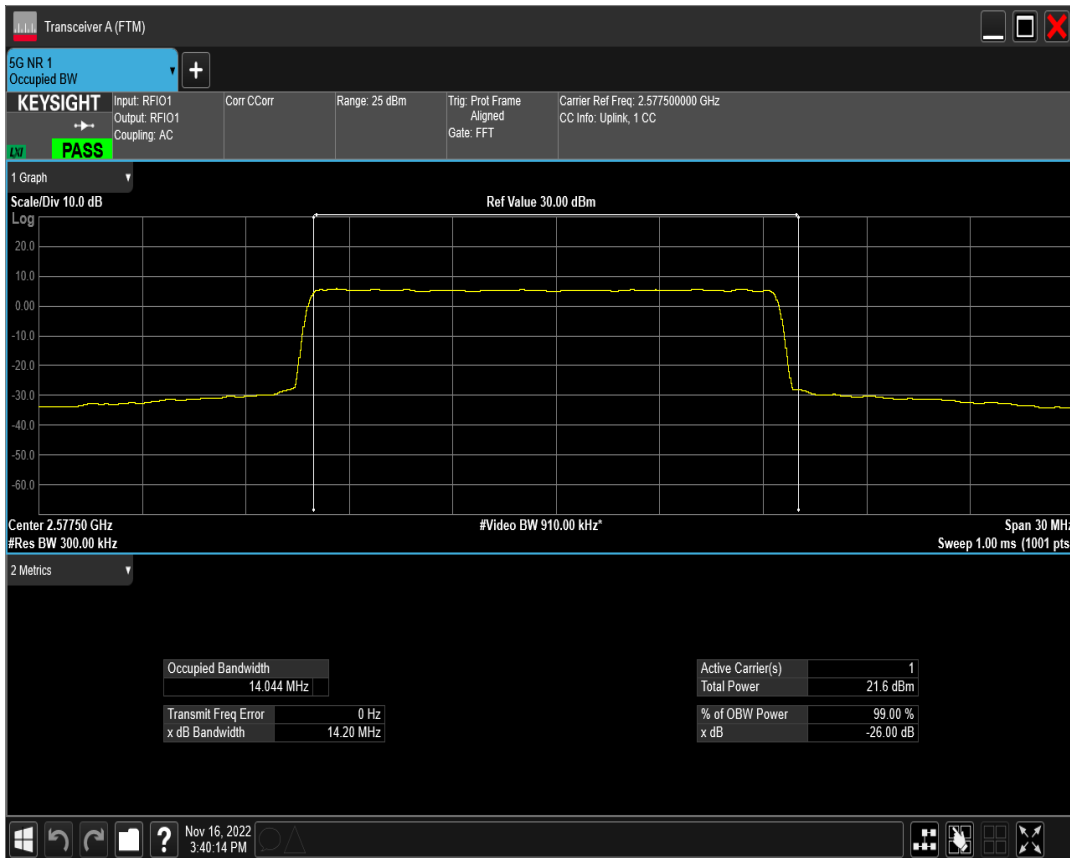
n38 SCS=15kHz DFT\_QPSK BW=15MHz Channel=515500 RB=75@0



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

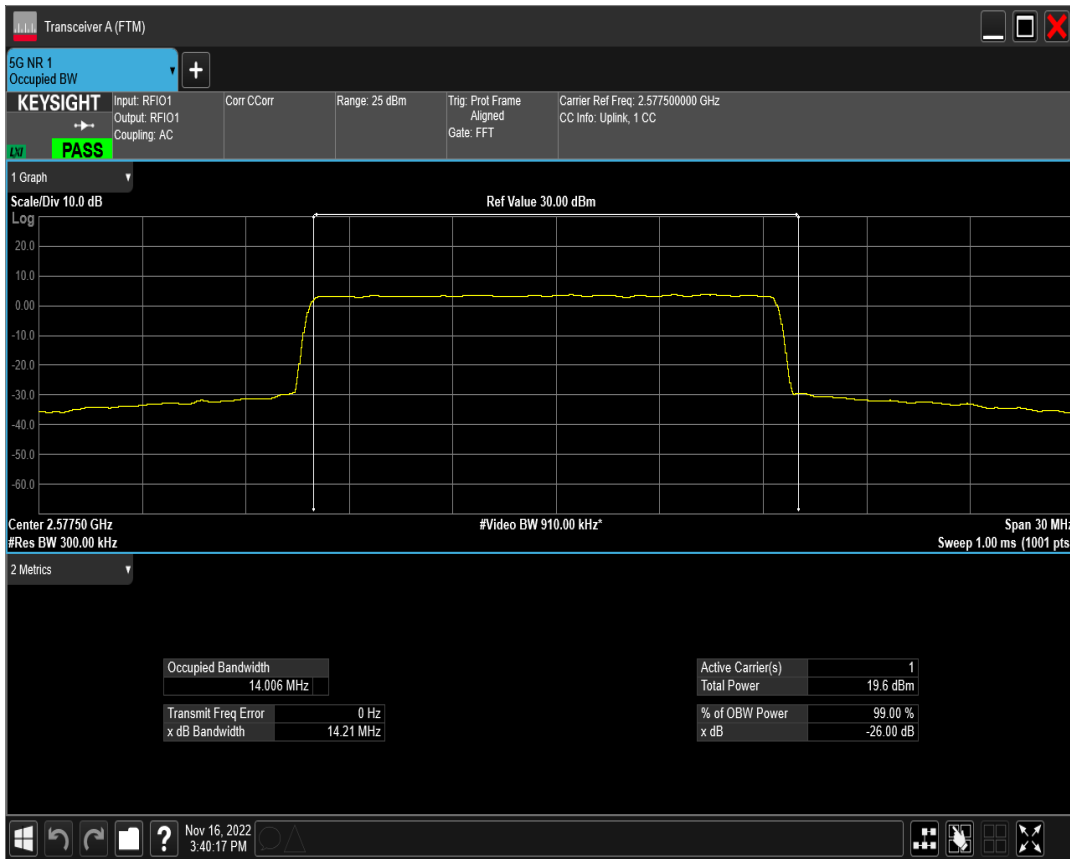


n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=515500 RB=75@0

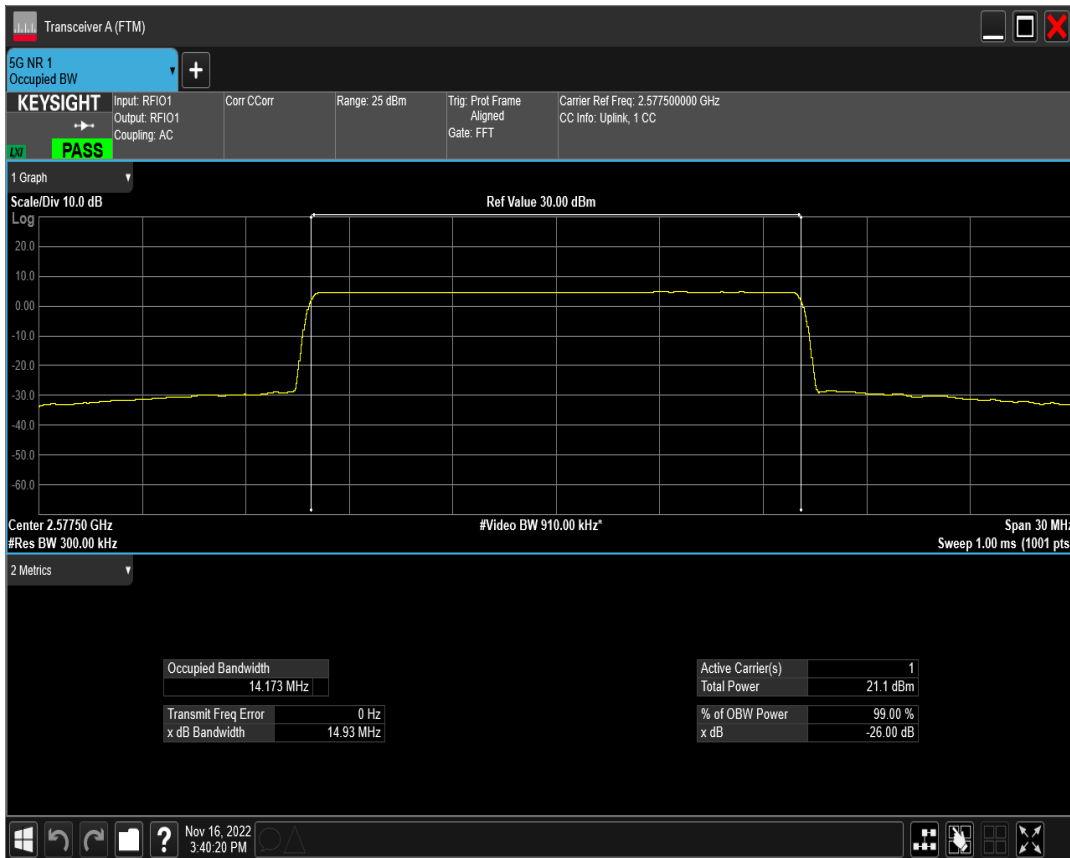




n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=515500 RB=75@0



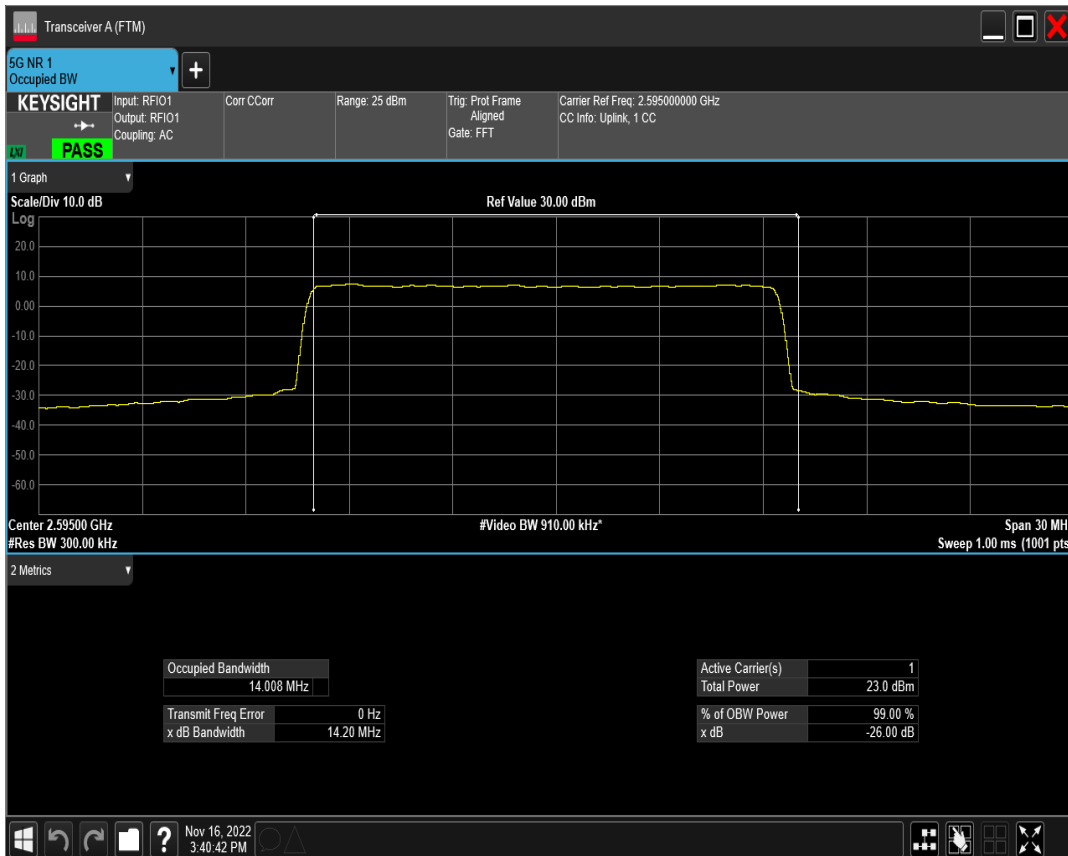
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=515500 RB=79@0



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



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



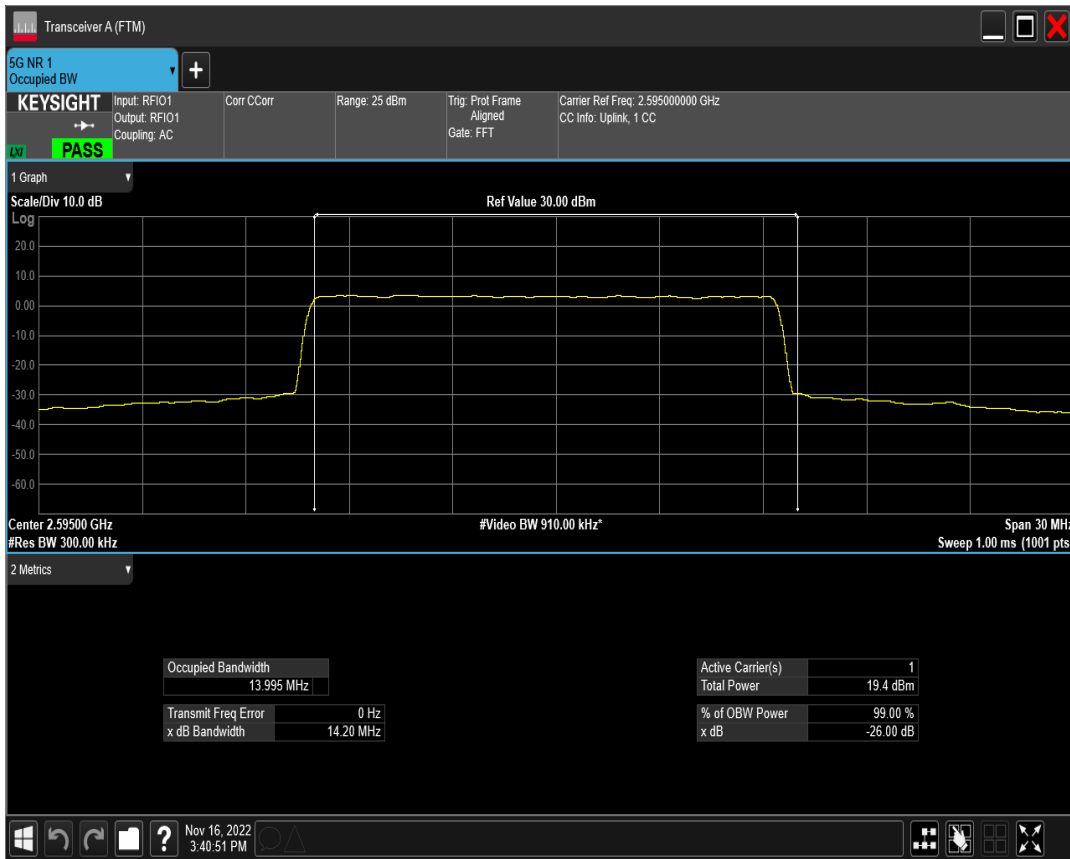
n38 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=75@0



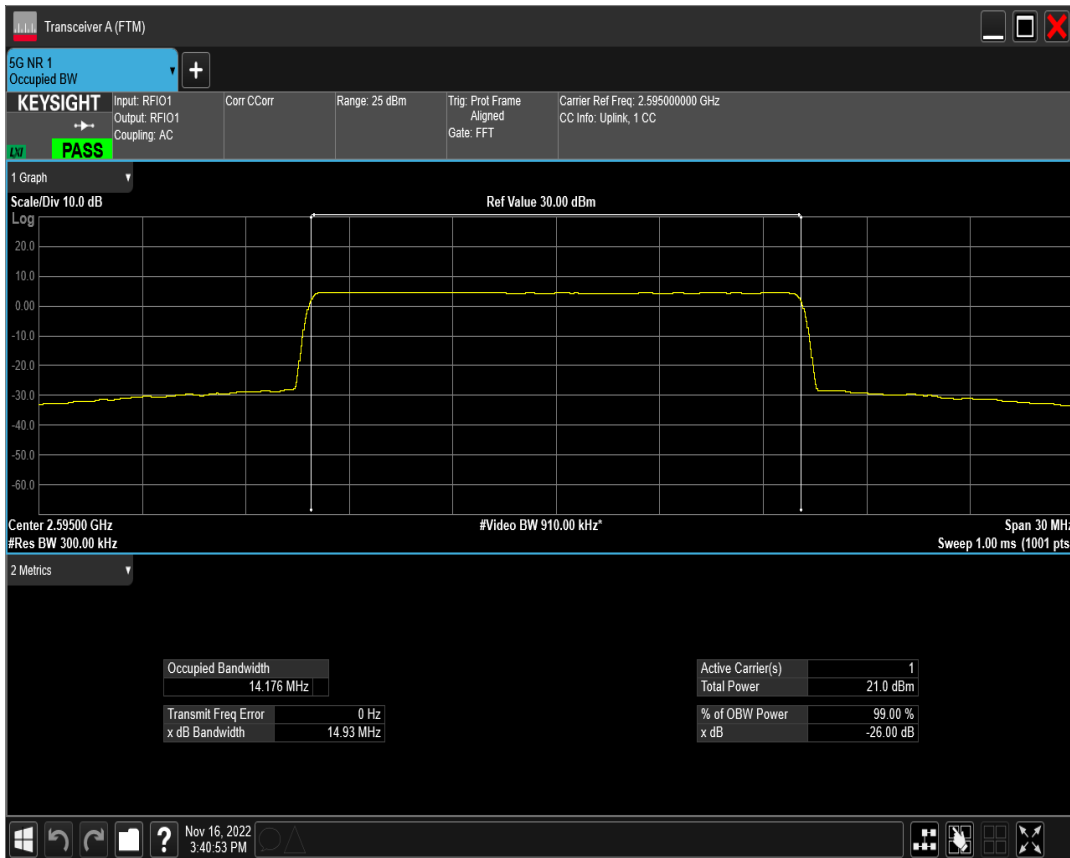
n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=519000 RB=75@0



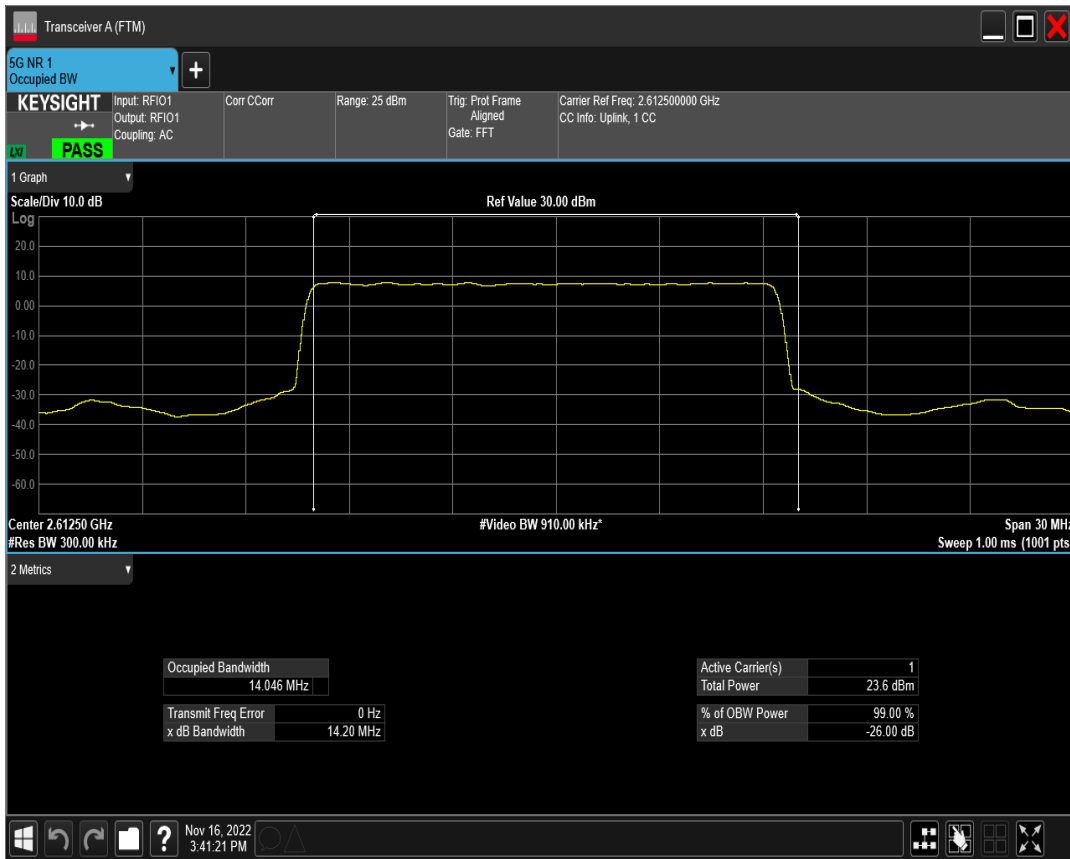
n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=75@0



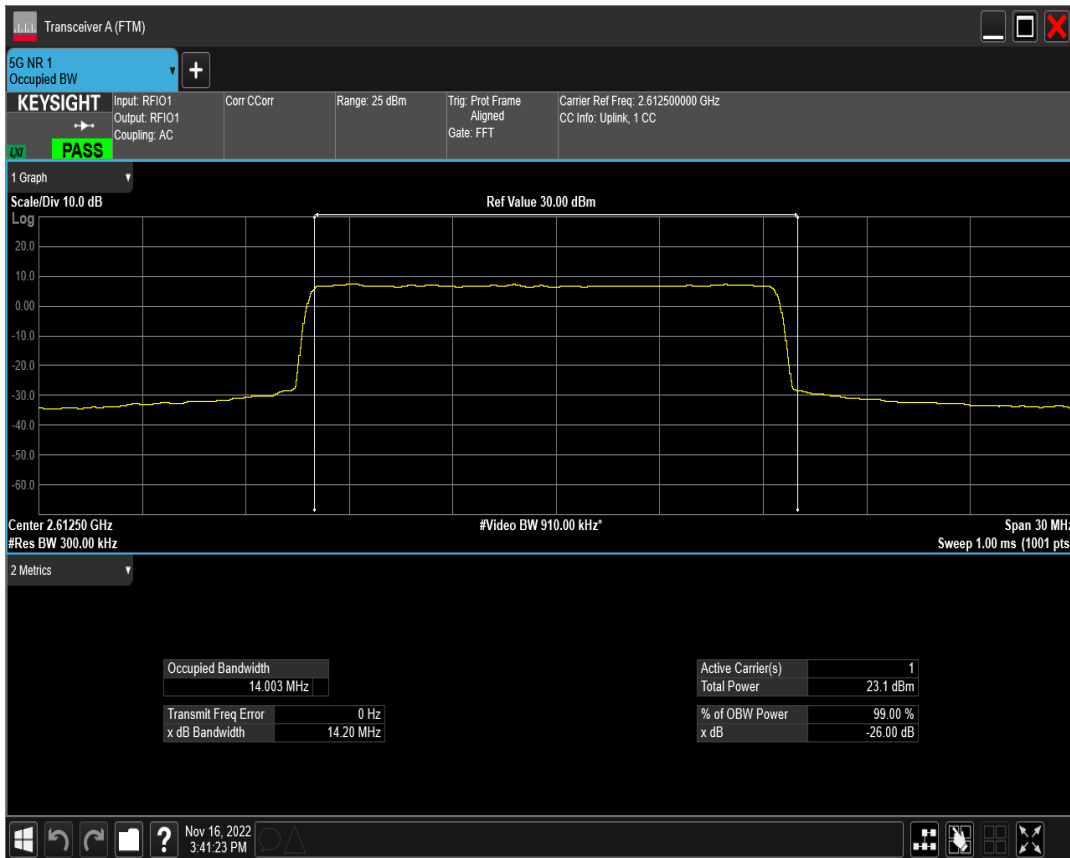
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=519000 RB=79@0



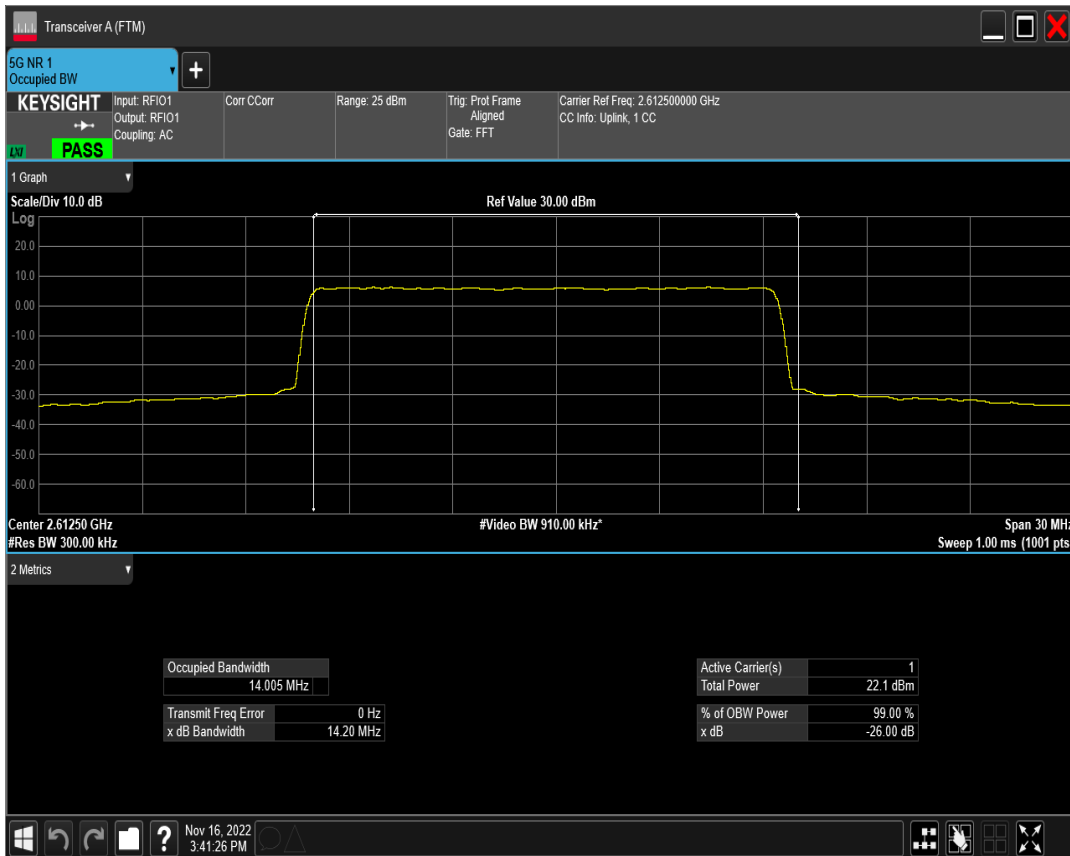
n38 SCS=15kHz DFT\_BPSK BW=15MHz Channel=522500 RB=75@0



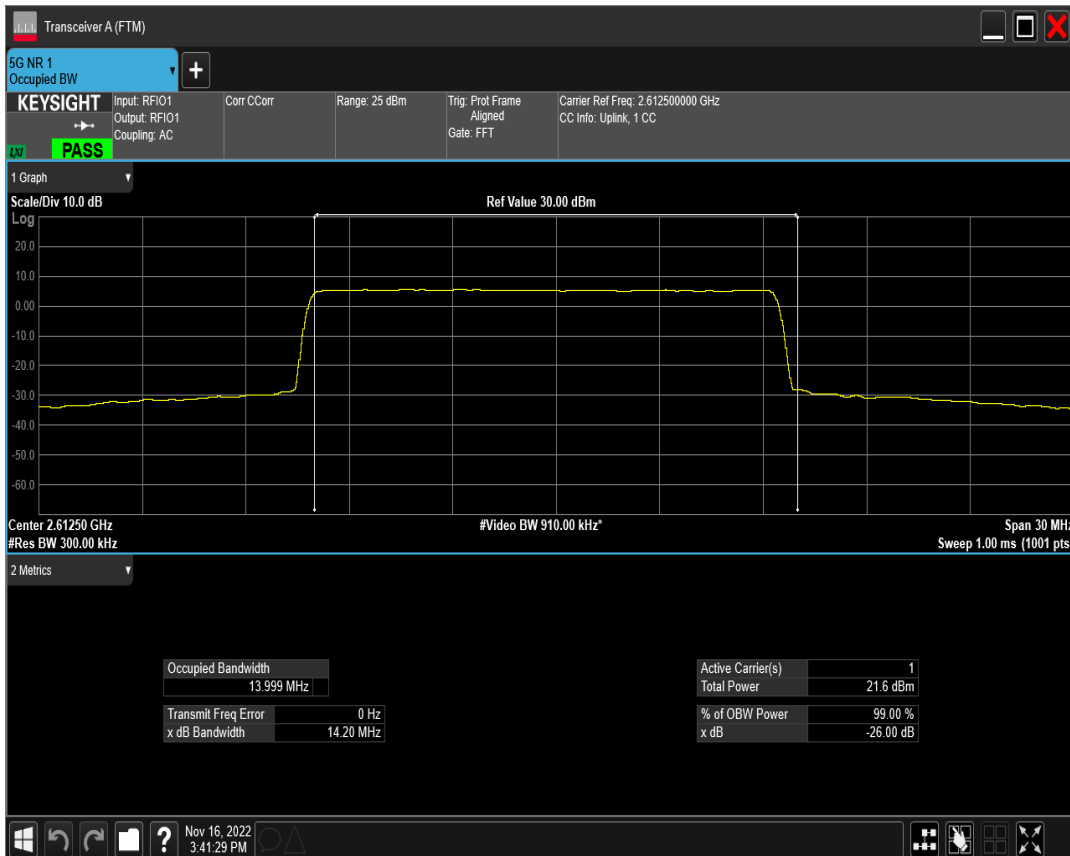
n38 SCS=15kHz DFT\_QPSK BW=15MHz Channel=522500 RB=75@0



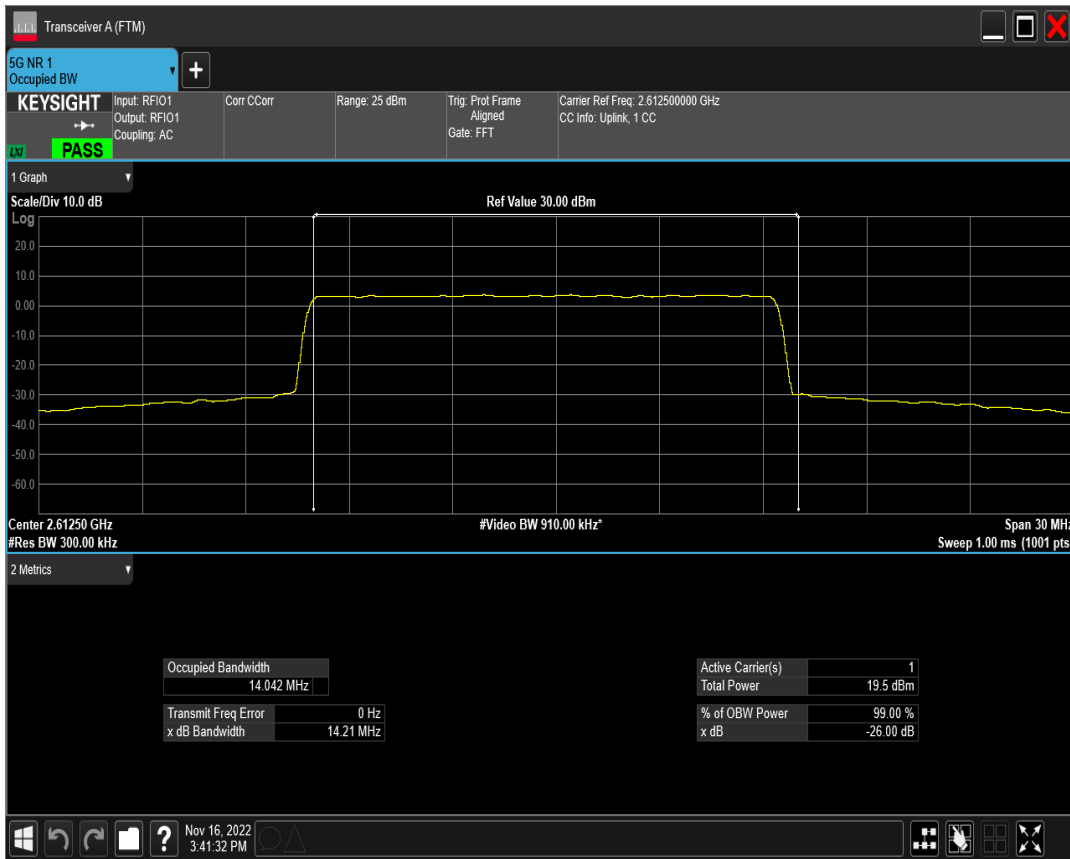
n38 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=522500 RB=75@0



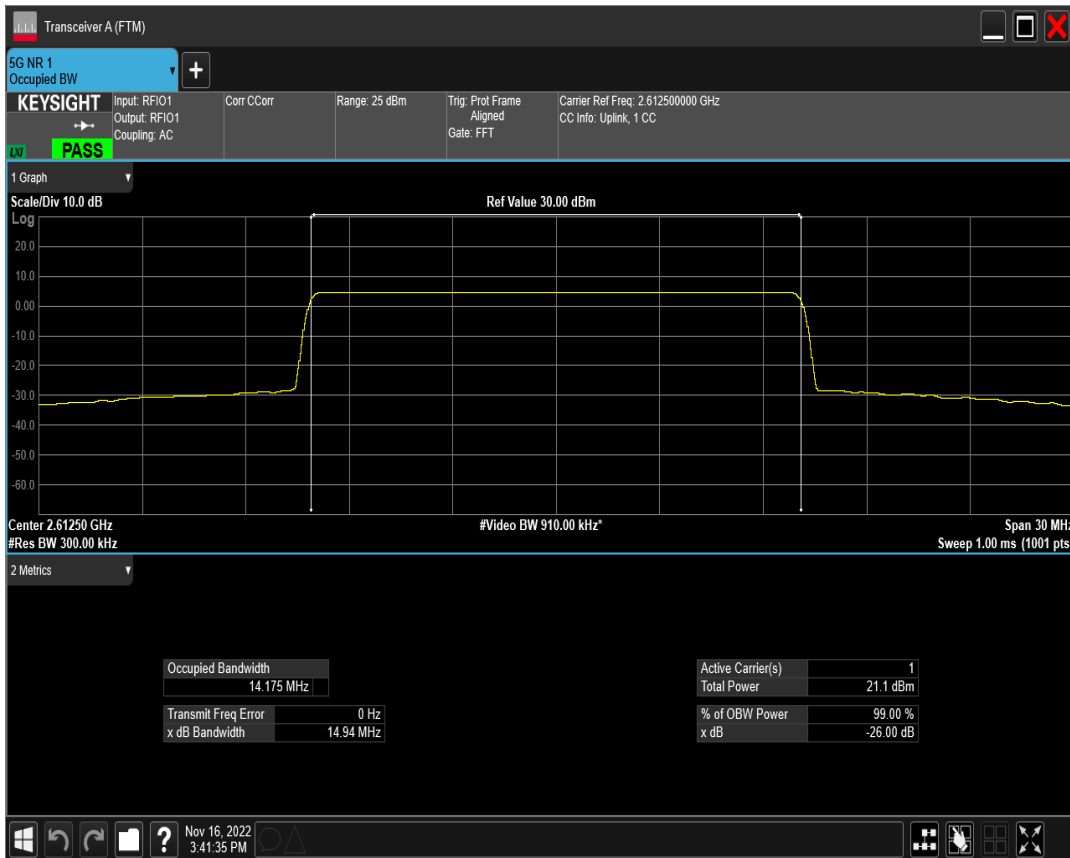
n38 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=522500 RB=75@0



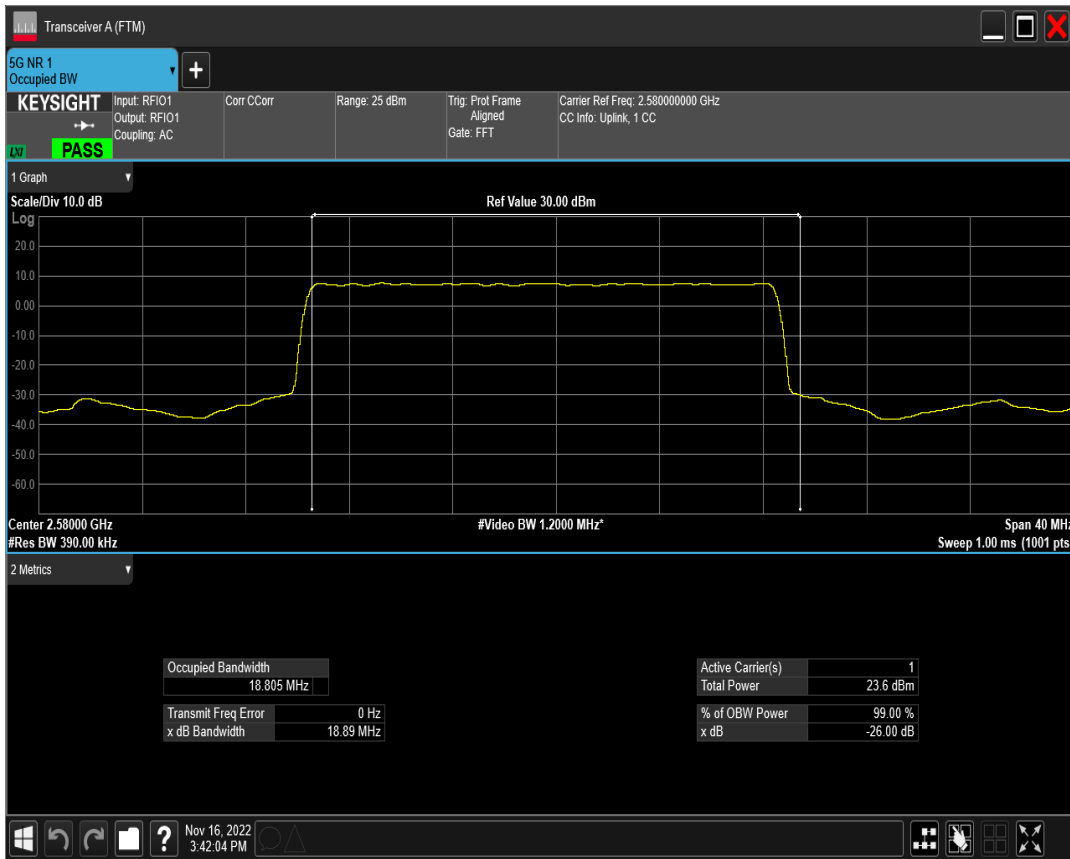
n38 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=522500 RB=75@0



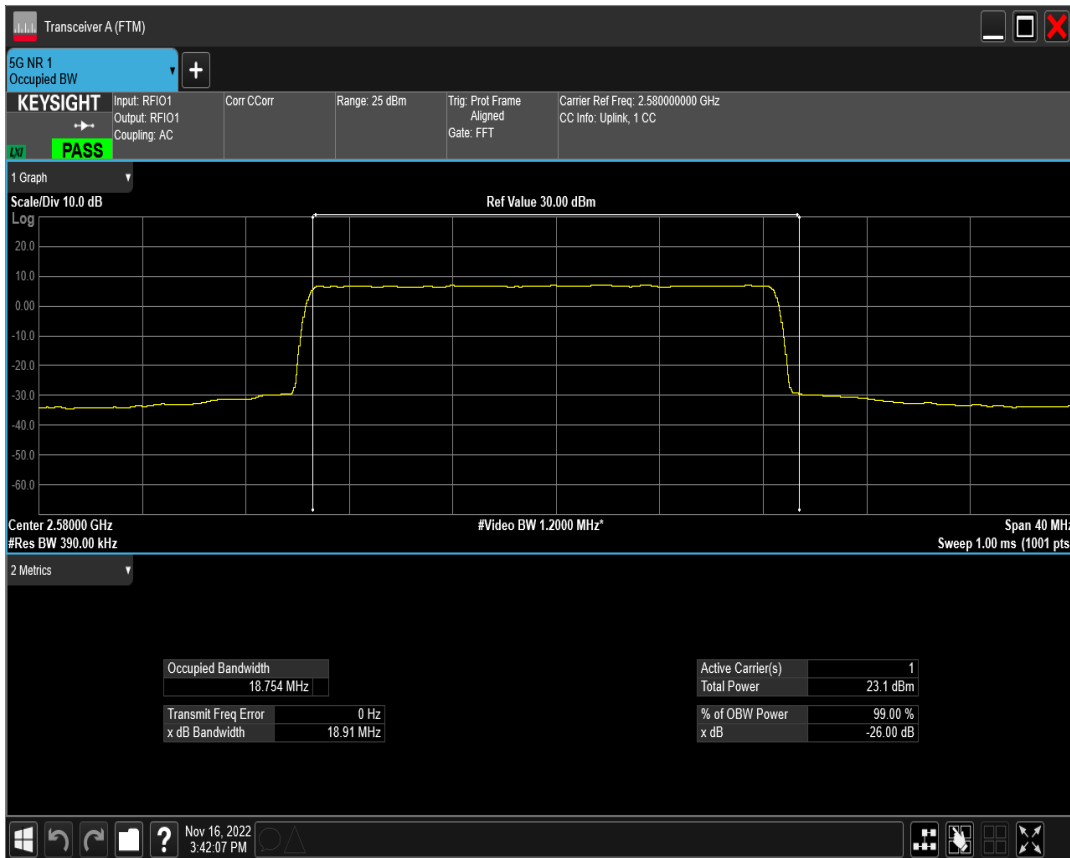
n38 SCS=15kHz CP\_QPSK BW=15MHz Channel=522500 RB=79@0



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

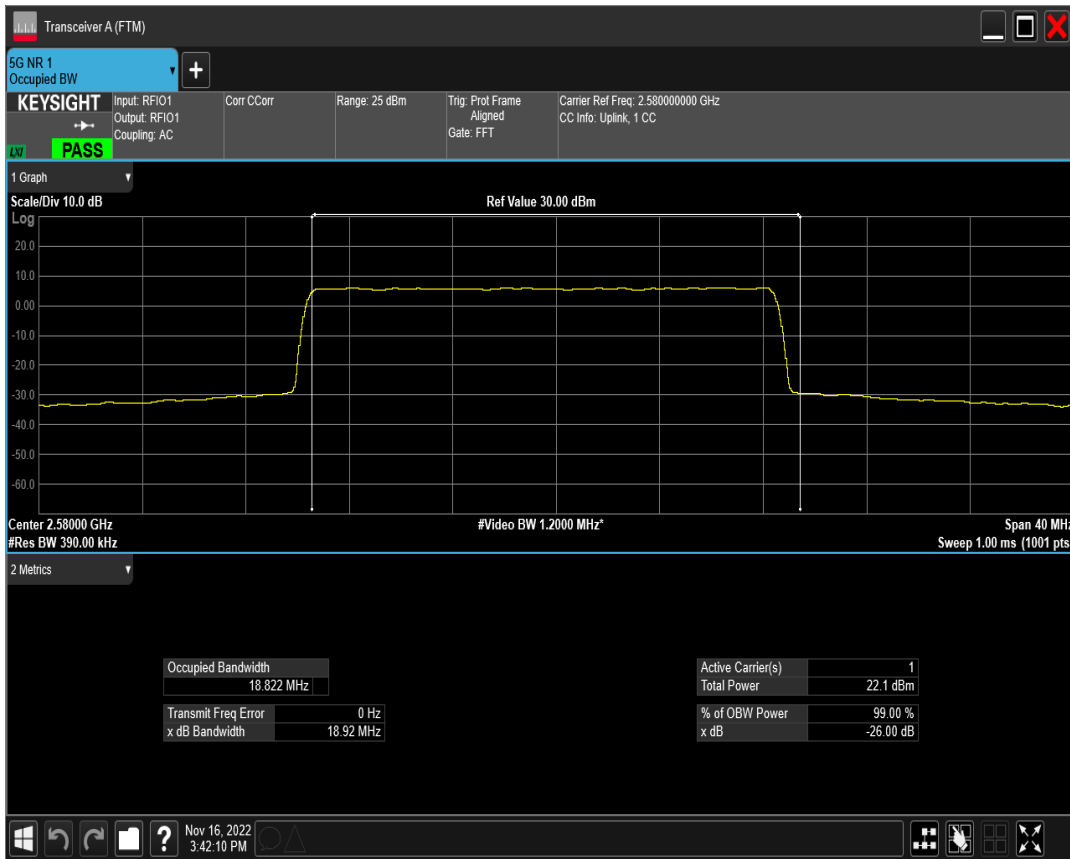


n38 SCS=15kHz DFT\_QPSK BW=20MHz Channel=516000 RB=100@0

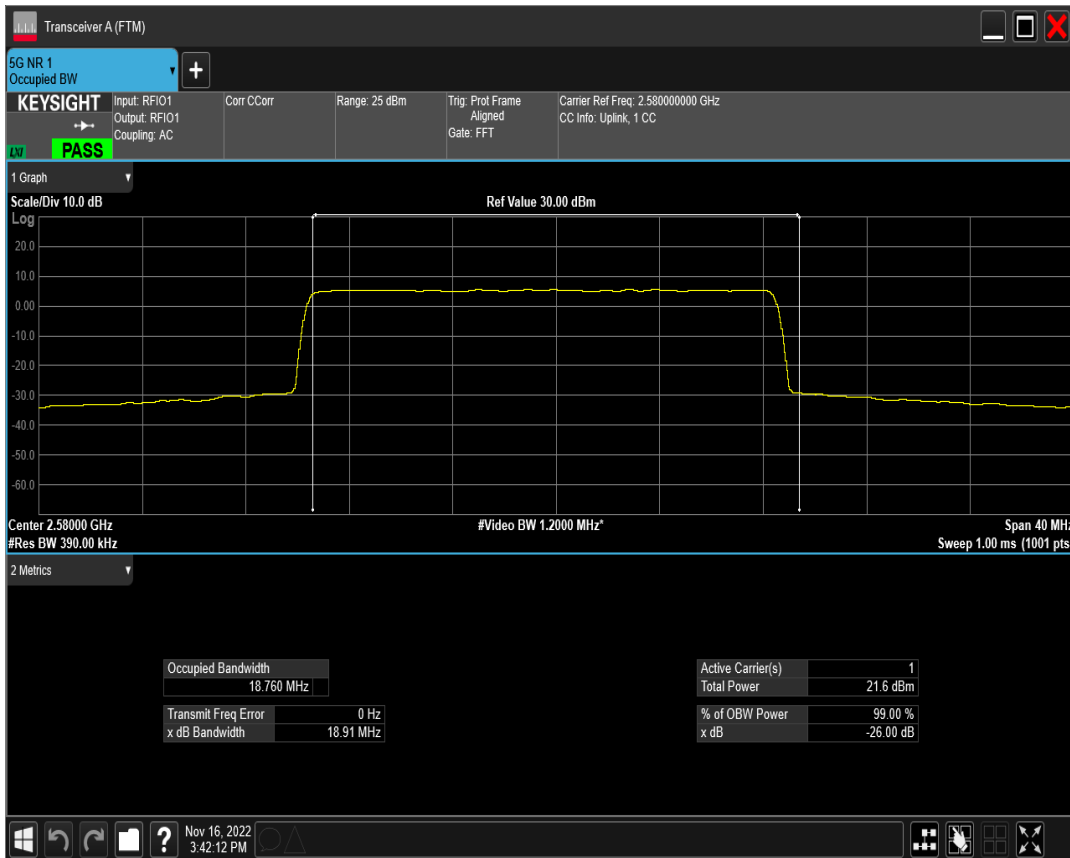




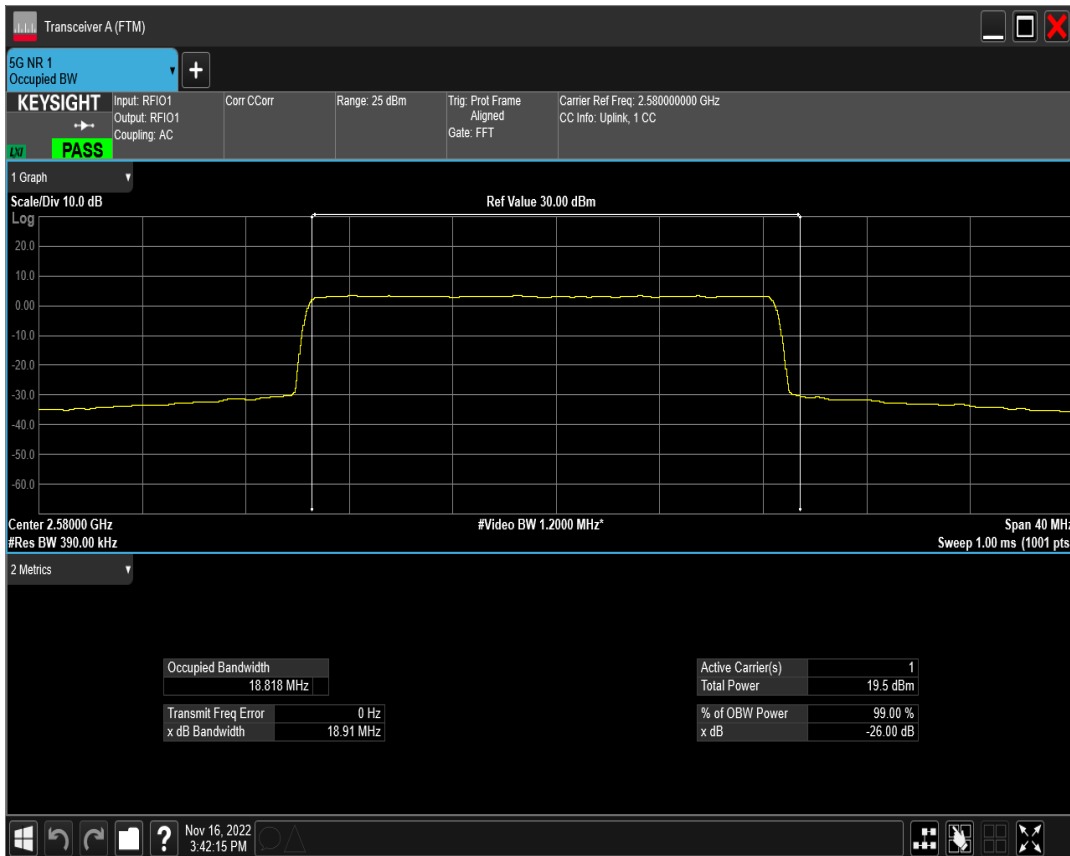
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=516000 RB=100@0



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



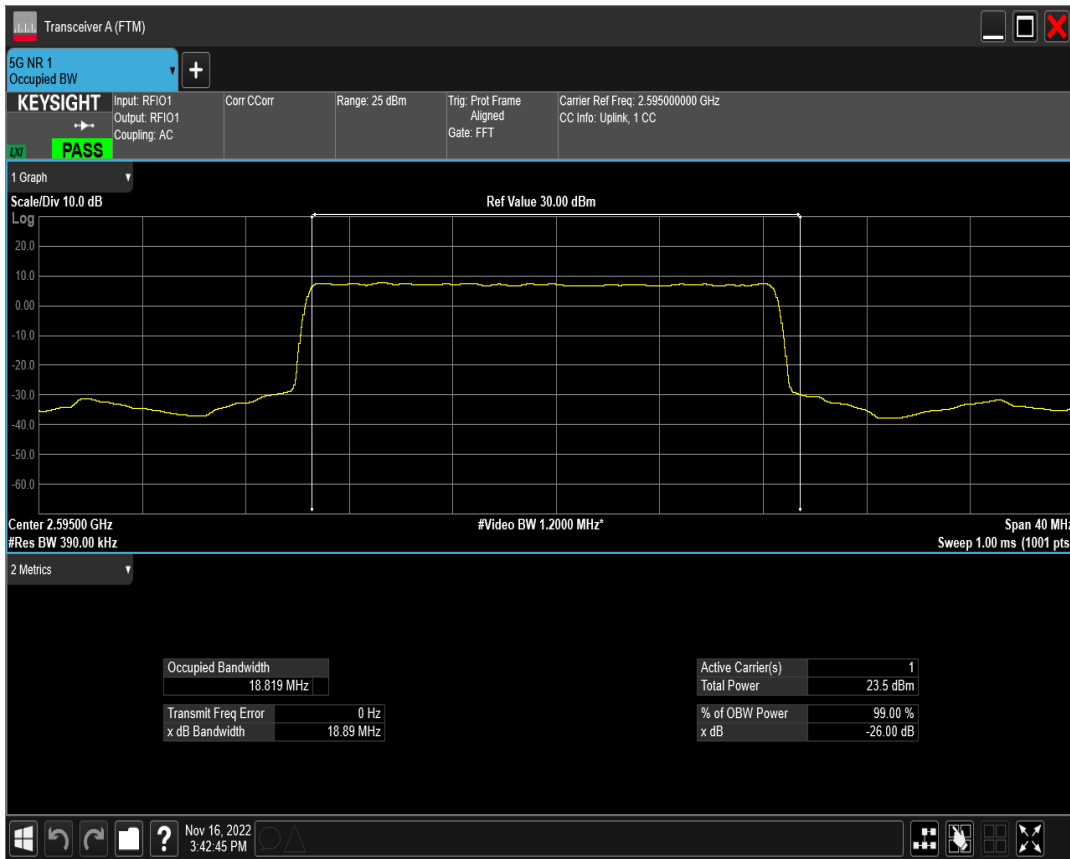
n38 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=516000 RB=100@0



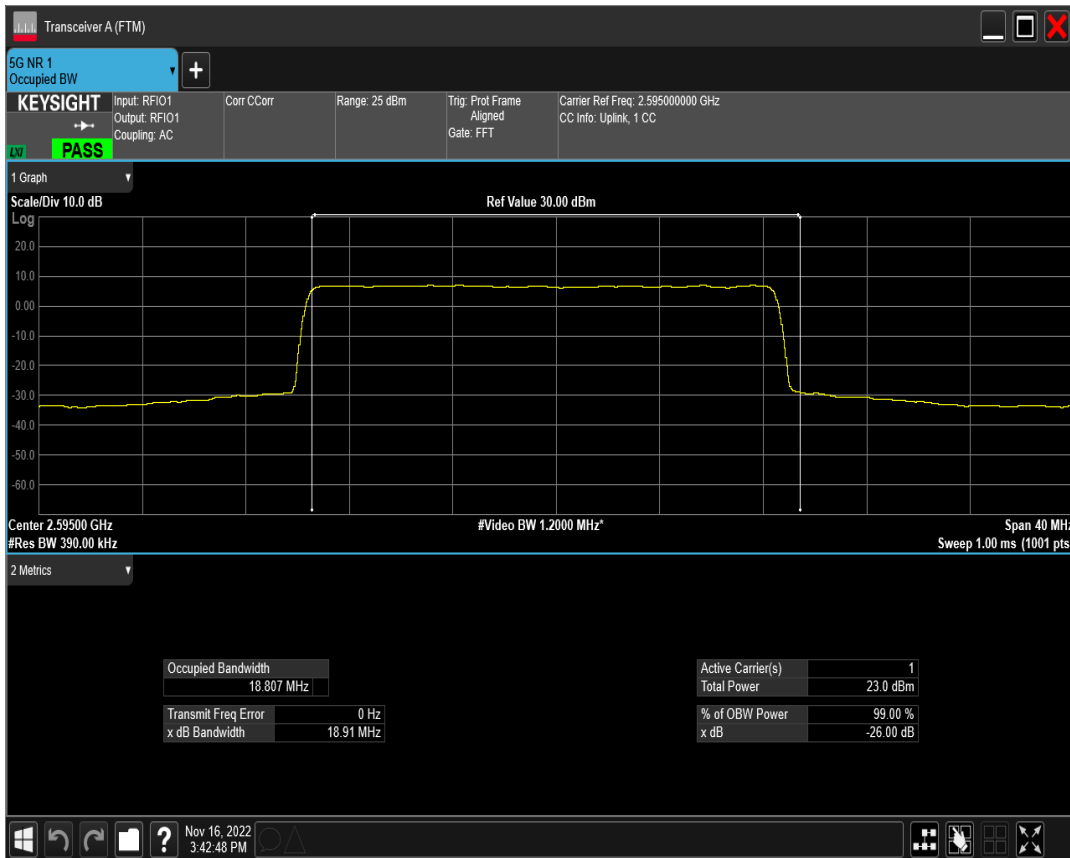
n38 SCS=15kHz CP\_QPSK BW=20MHz Channel=516000 RB=106@0



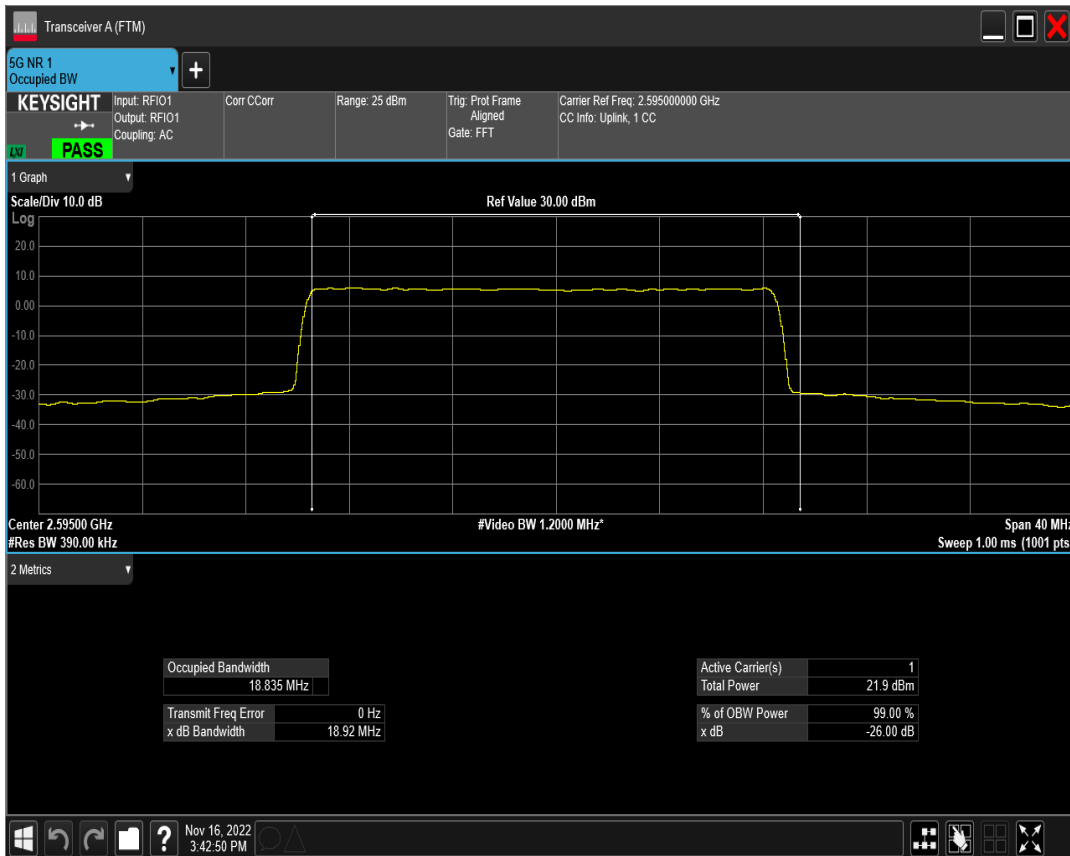
n38 SCS=15kHz DFT\_BPSK BW=20MHz Channel=519000 RB=100@0



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



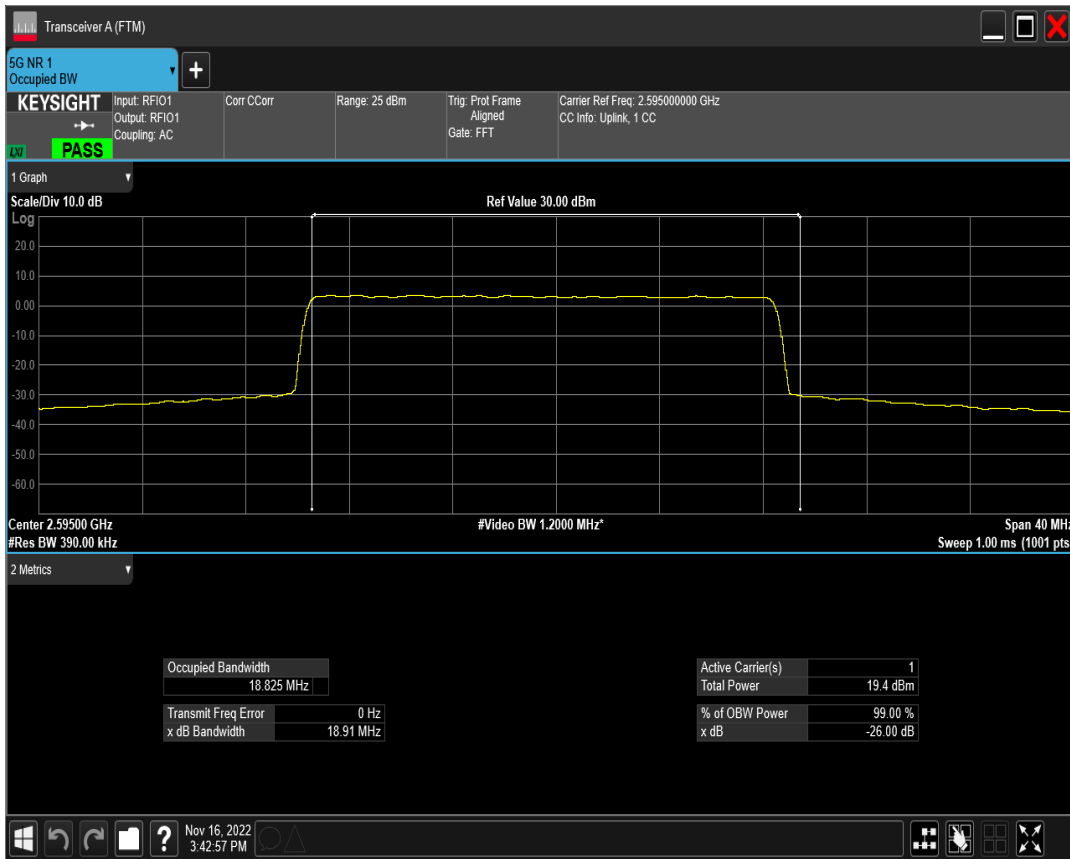
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=100@0



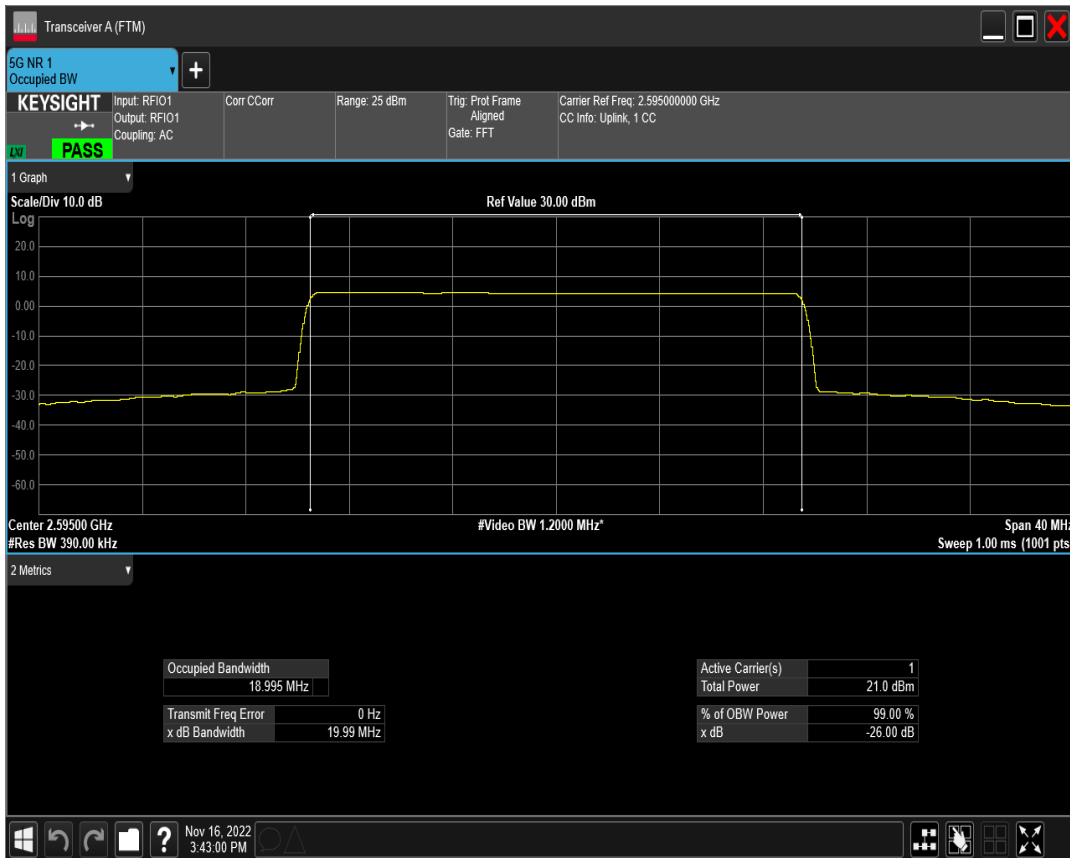
n38 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=100@0



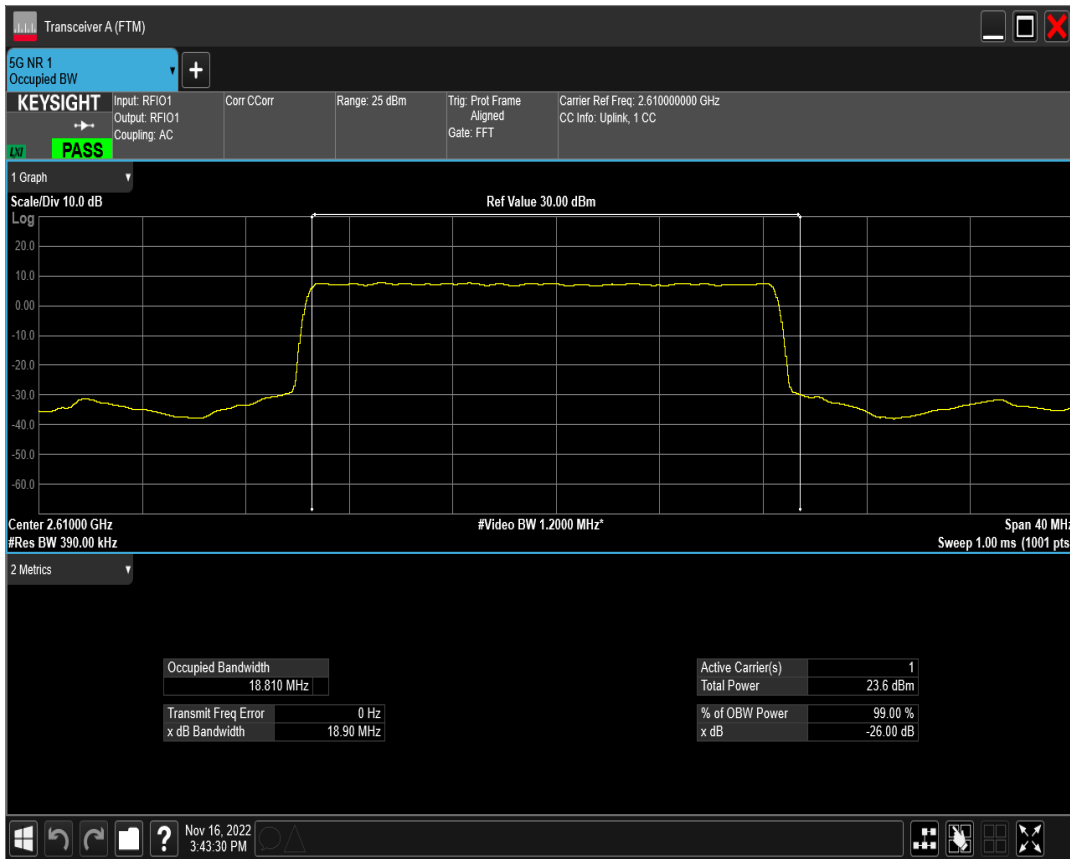
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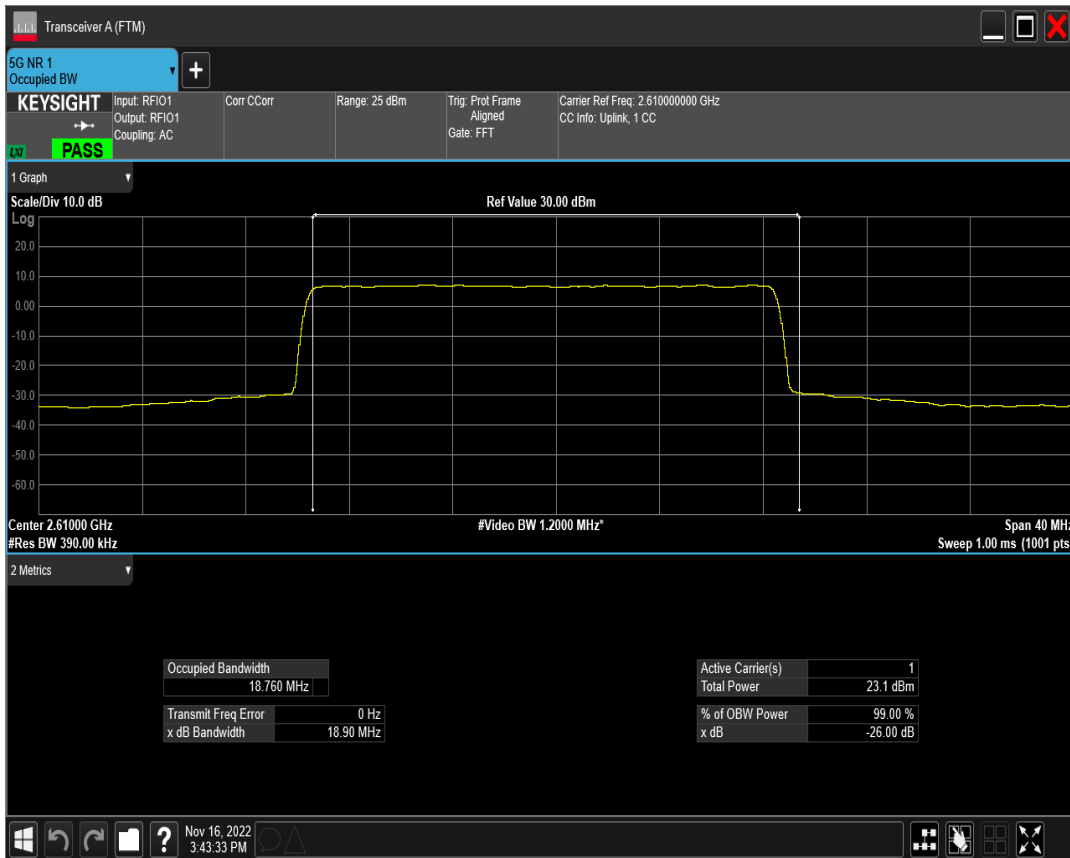
n38 SCS=15kHz CP\_QPSK BW=20MHz Channel=519000 RB=106@0



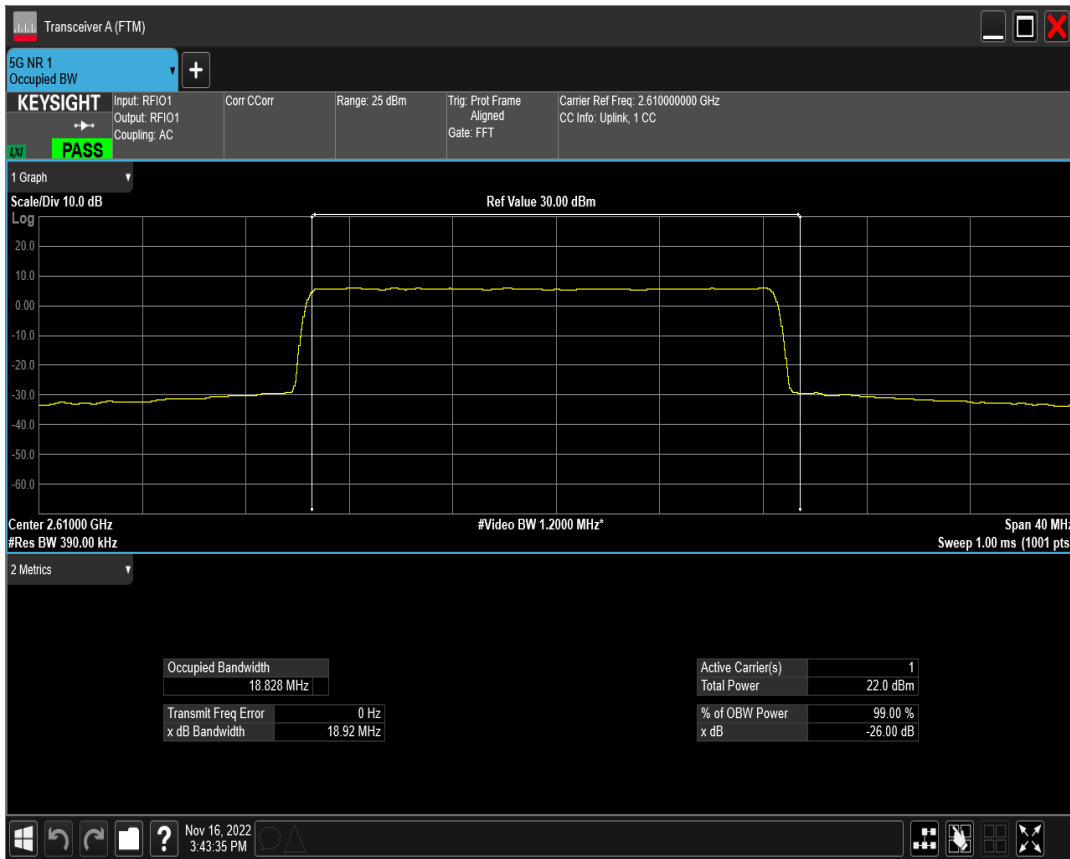
n38 SCS=15kHz DFT\_BPSK BW=20MHz Channel=522000 RB=100@0



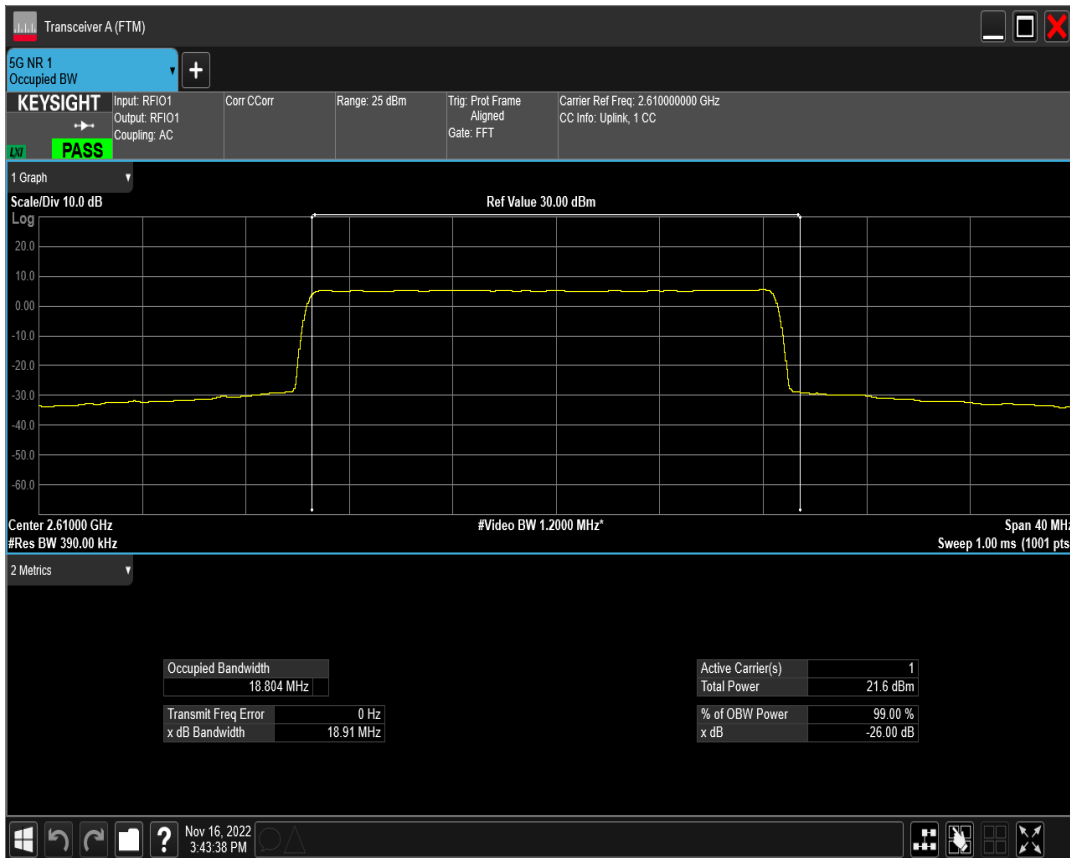
n38 SCS=15kHz DFT\_QPSK BW=20MHz Channel=522000 RB=100@0



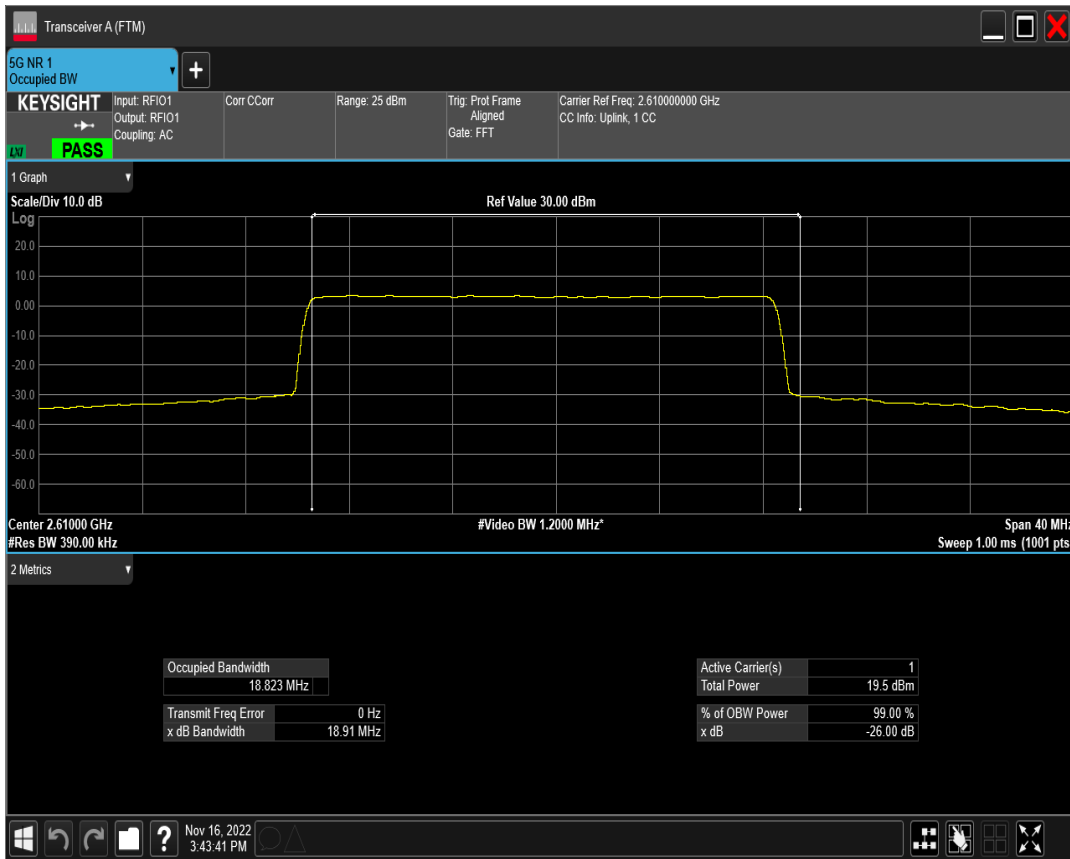
n38 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=522000 RB=100@0



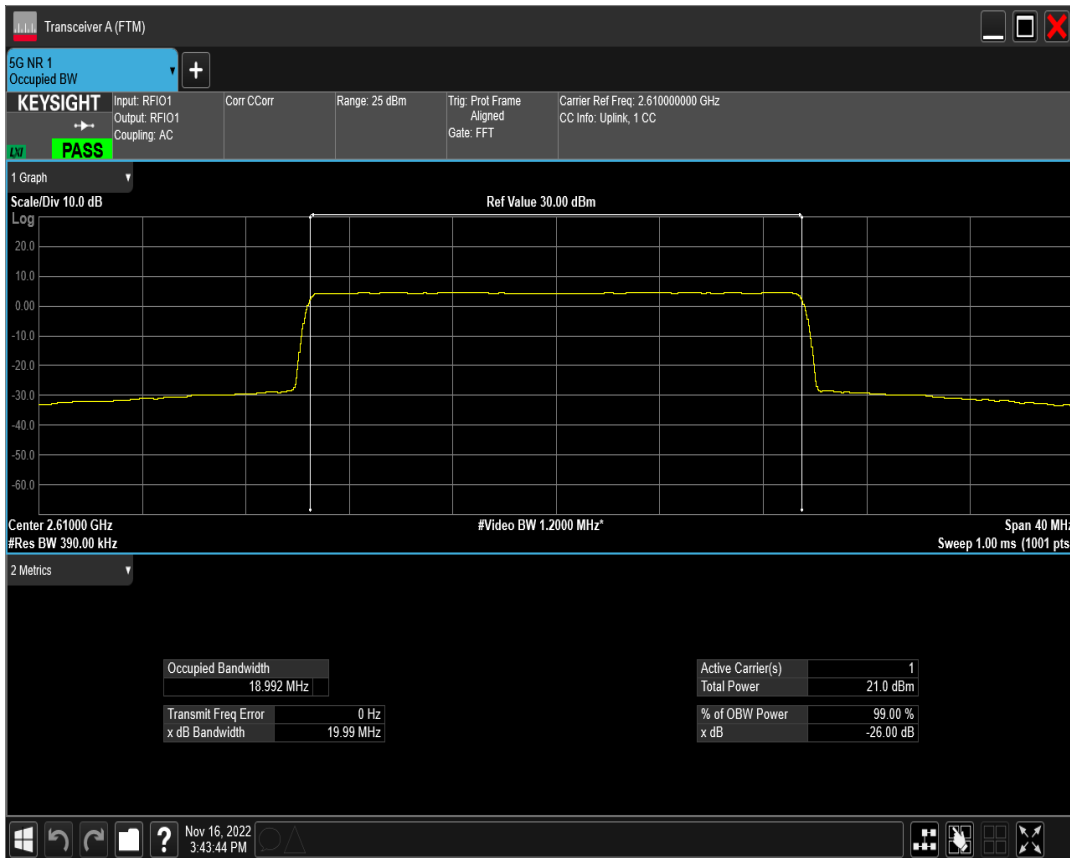
n38 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=522000 RB=100@0



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

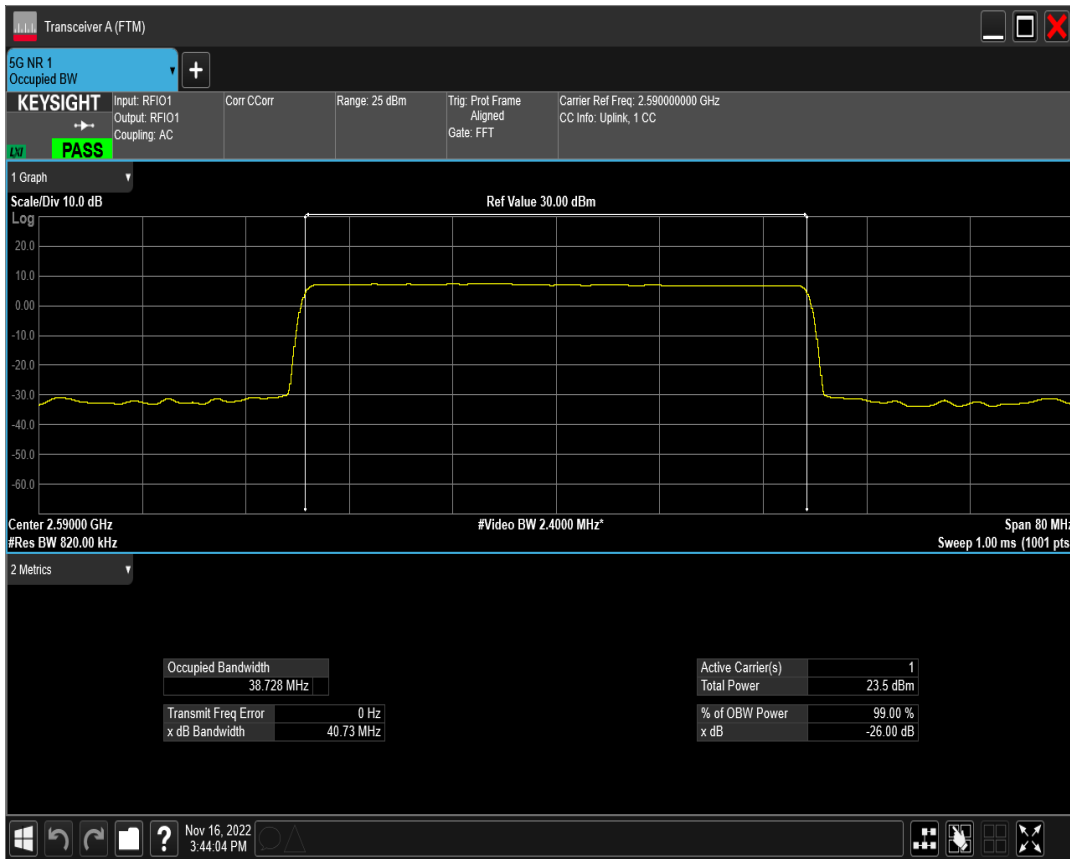


n38 SCS=15kHz CP\_QPSK BW=20MHz Channel=522000 RB=106@0

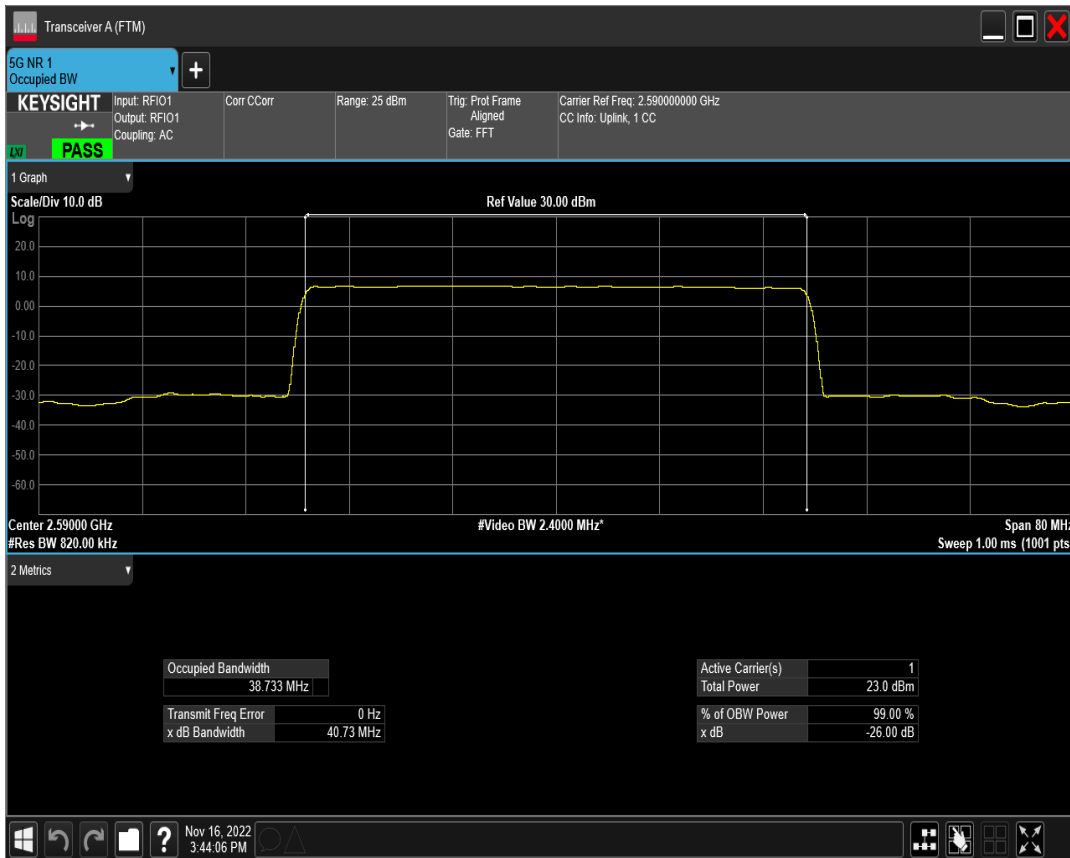




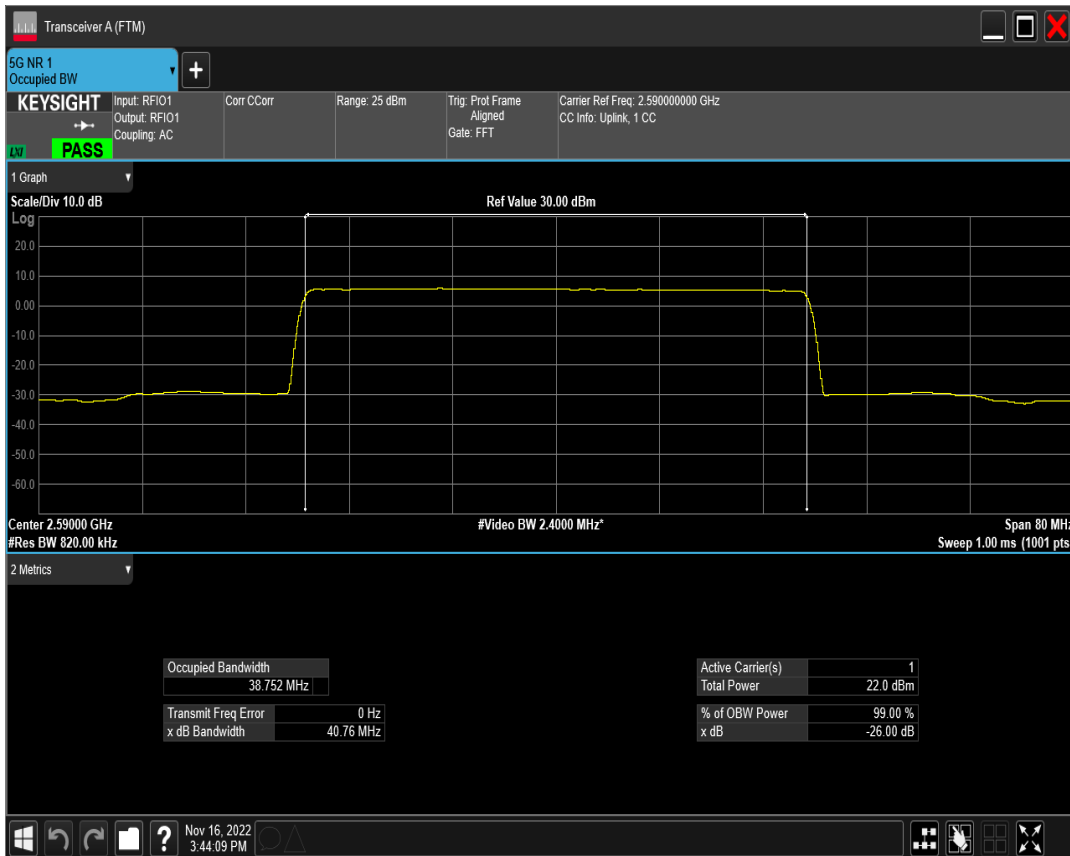
n38 SCS=15kHz DFT\_BPSK BW=40MHz Channel=518000 RB=216@0



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



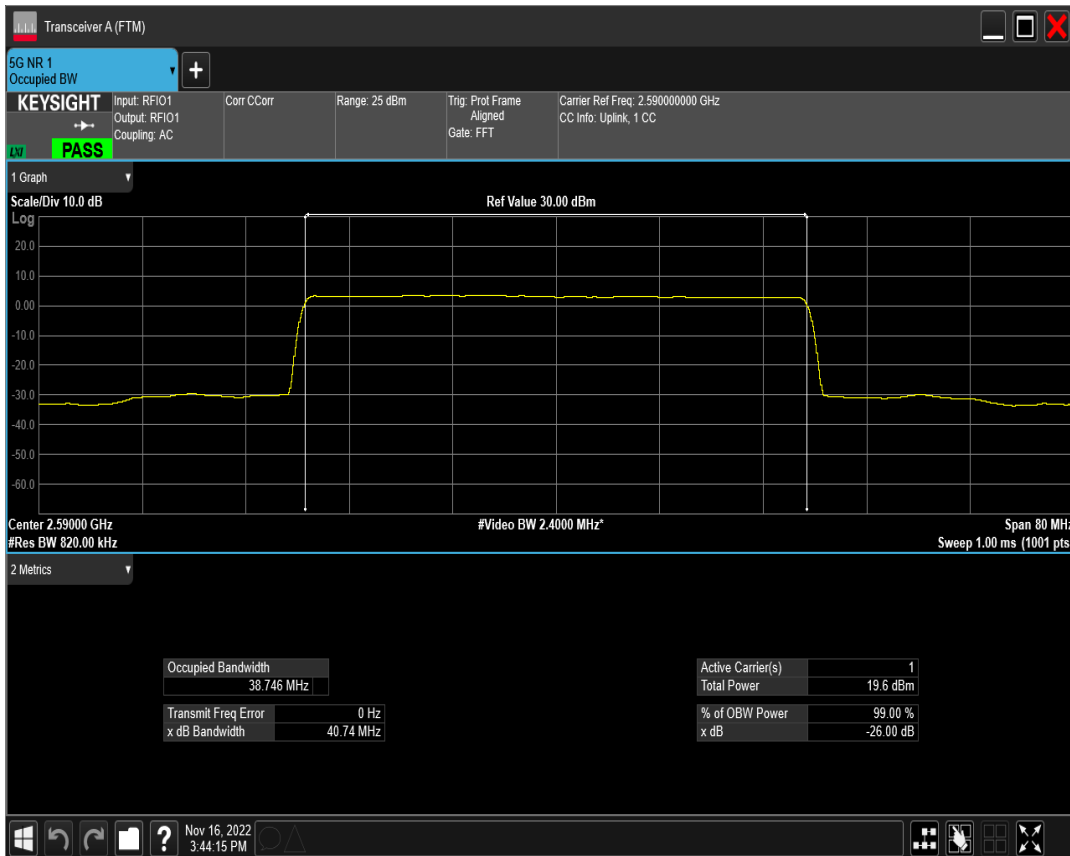
n38 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=518000 RB=216@0



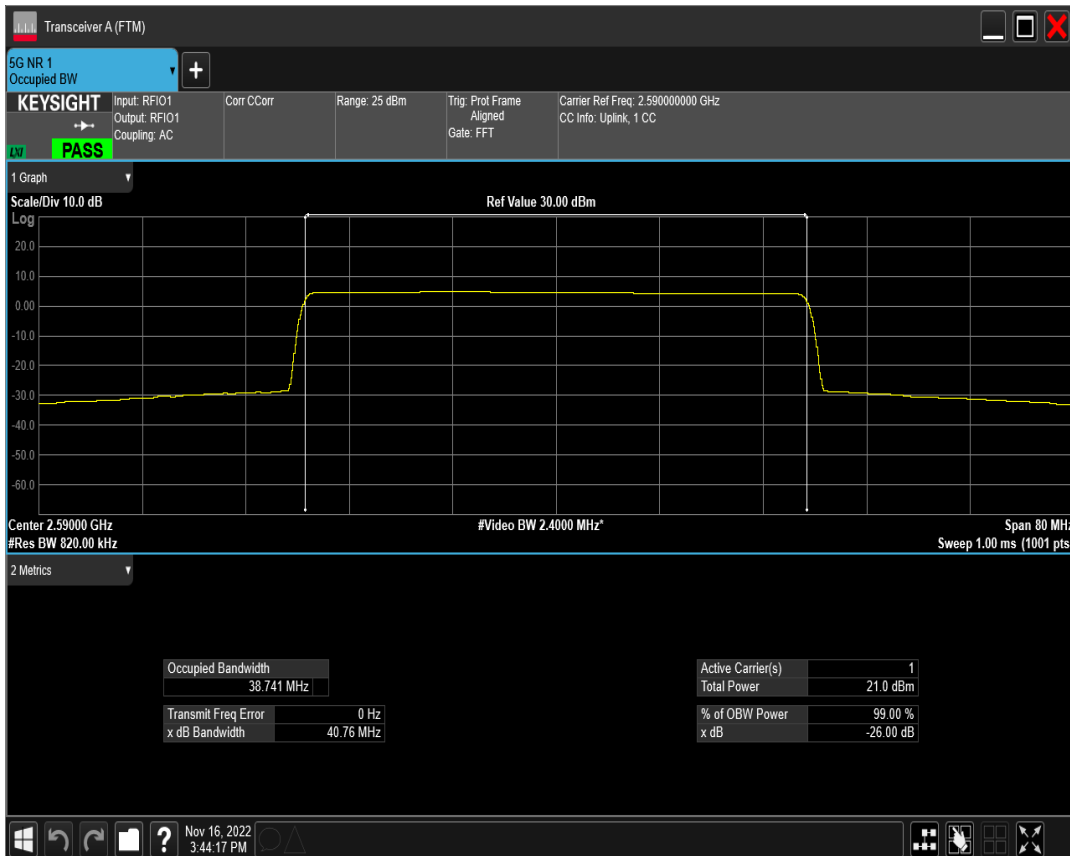
n38 SCS=15kHz DFT\_QAM64 BW=40MHz Channel=518000 RB=216@0



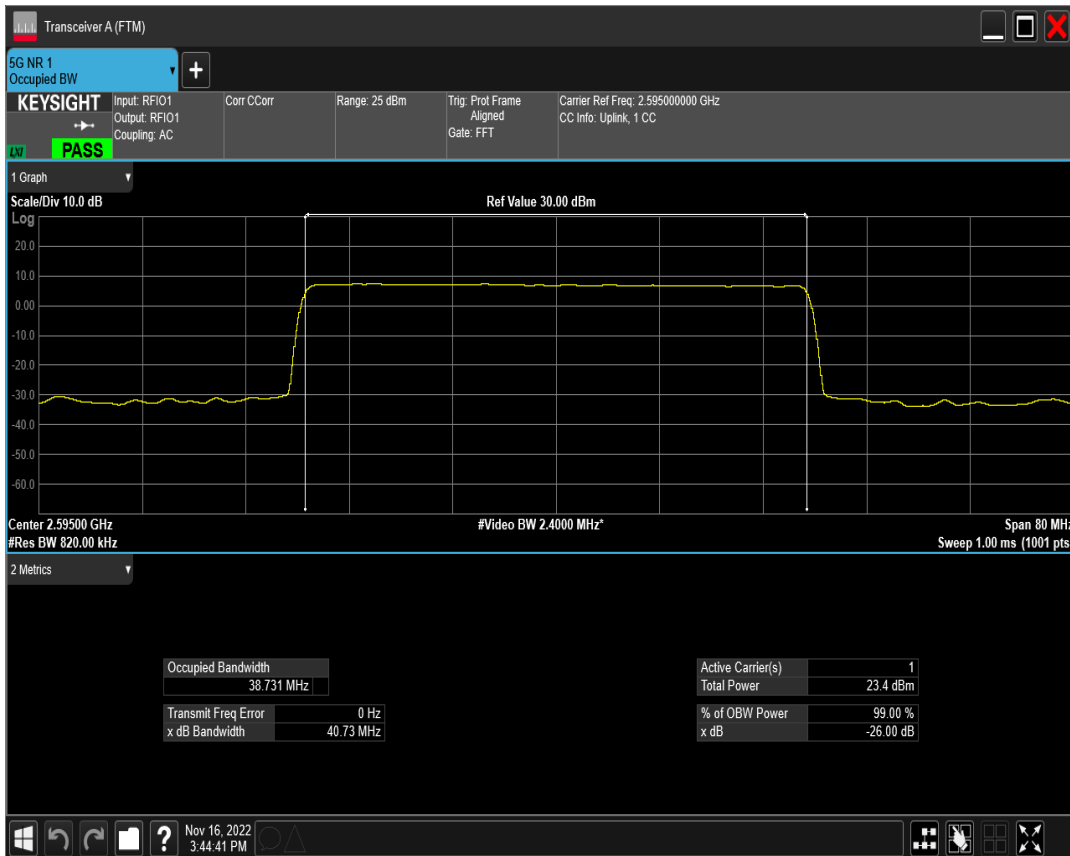
n38 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=518000 RB=216@0



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



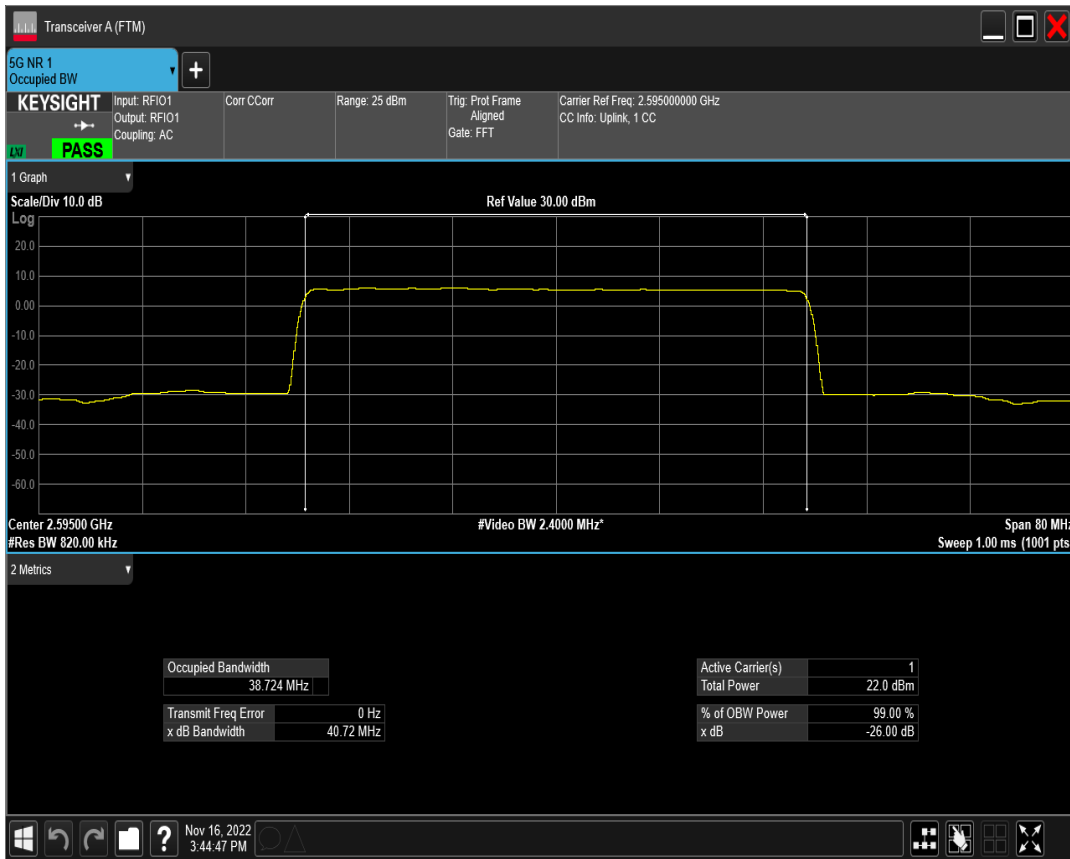
n38 SCS=15kHz DFT\_BPSK BW=40MHz Channel=519000 RB=216@0



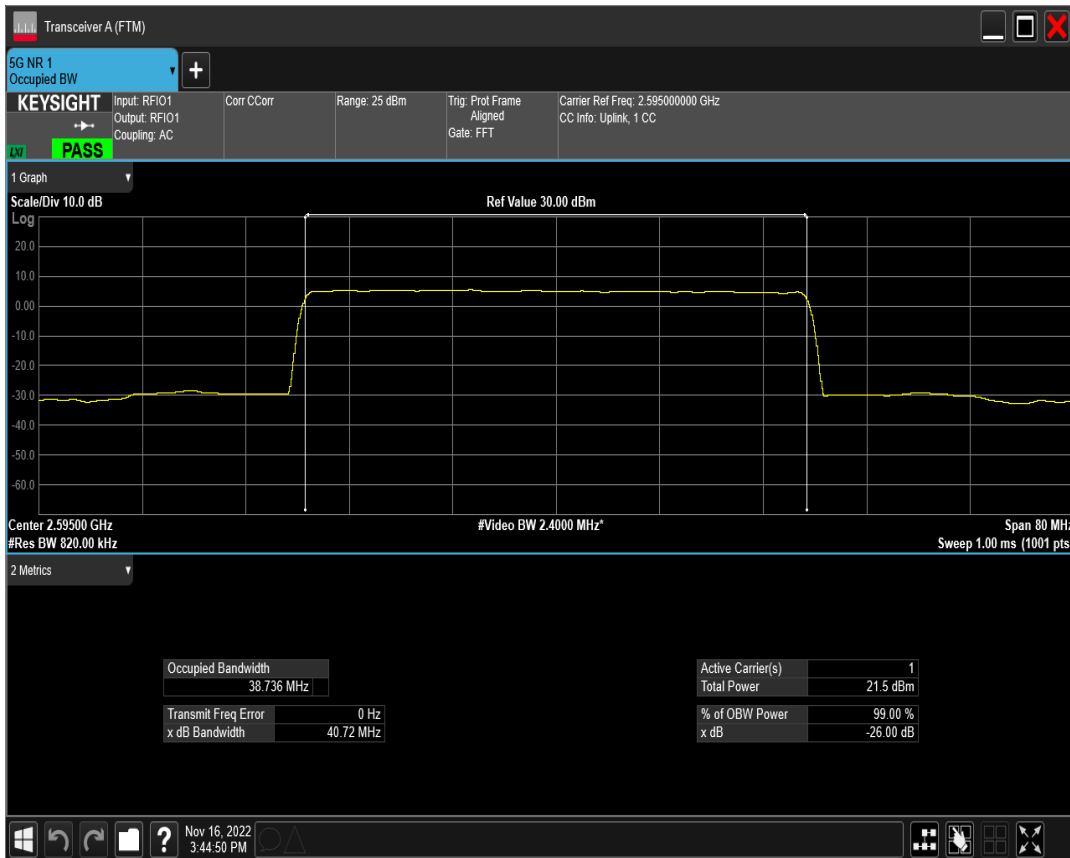
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=216@0



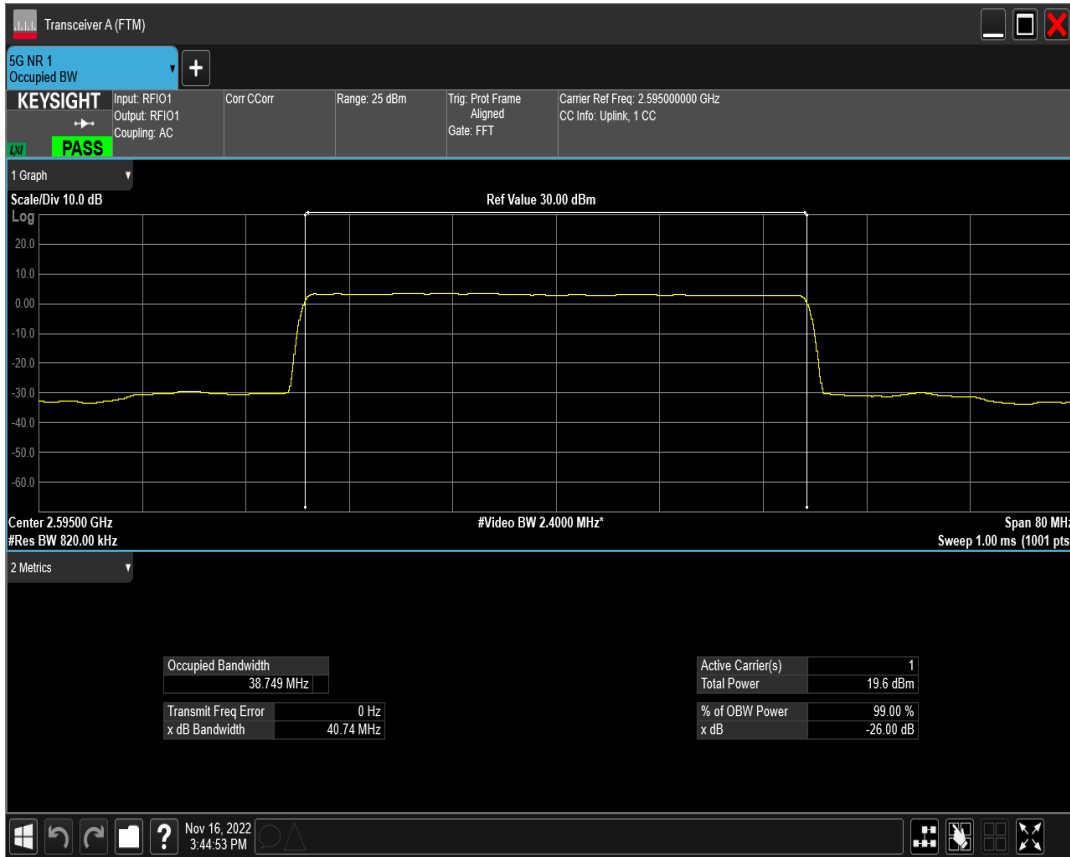
n38 SCS=15kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=216@0



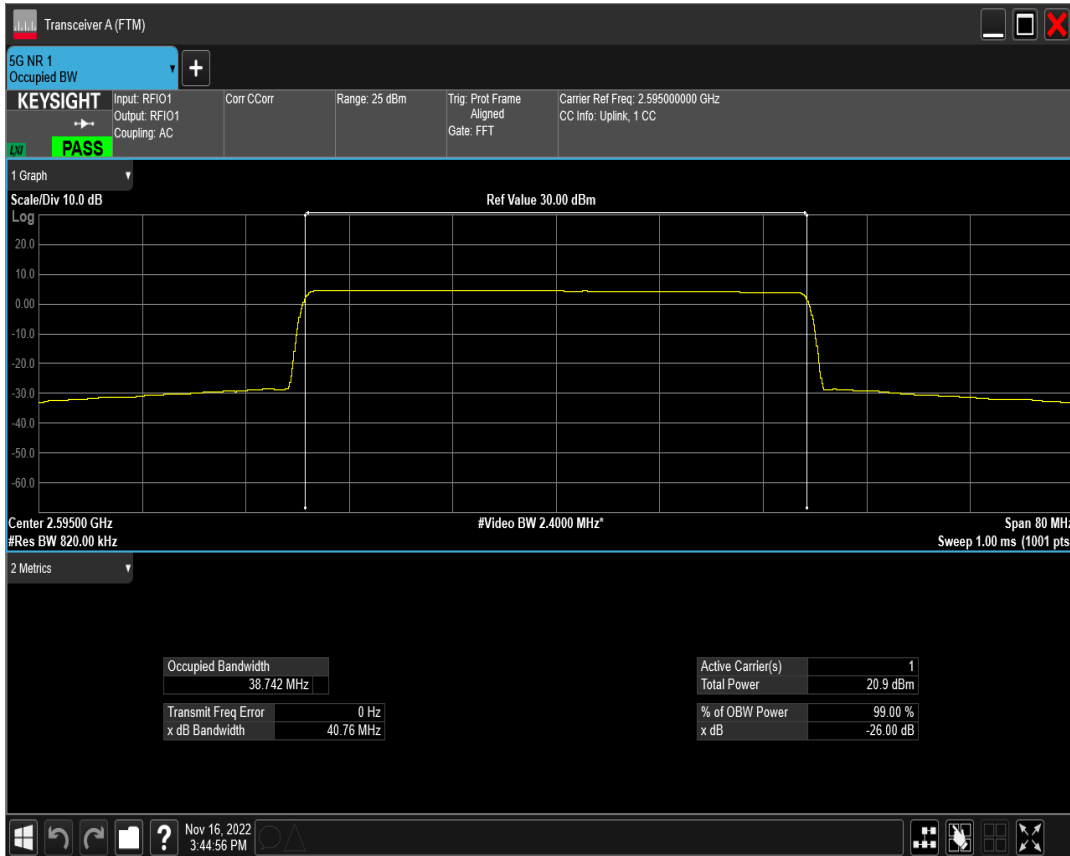
n38 SCS=15kHz DFT\_QAM64 BW=40MHz Channel=519000 RB=216@0



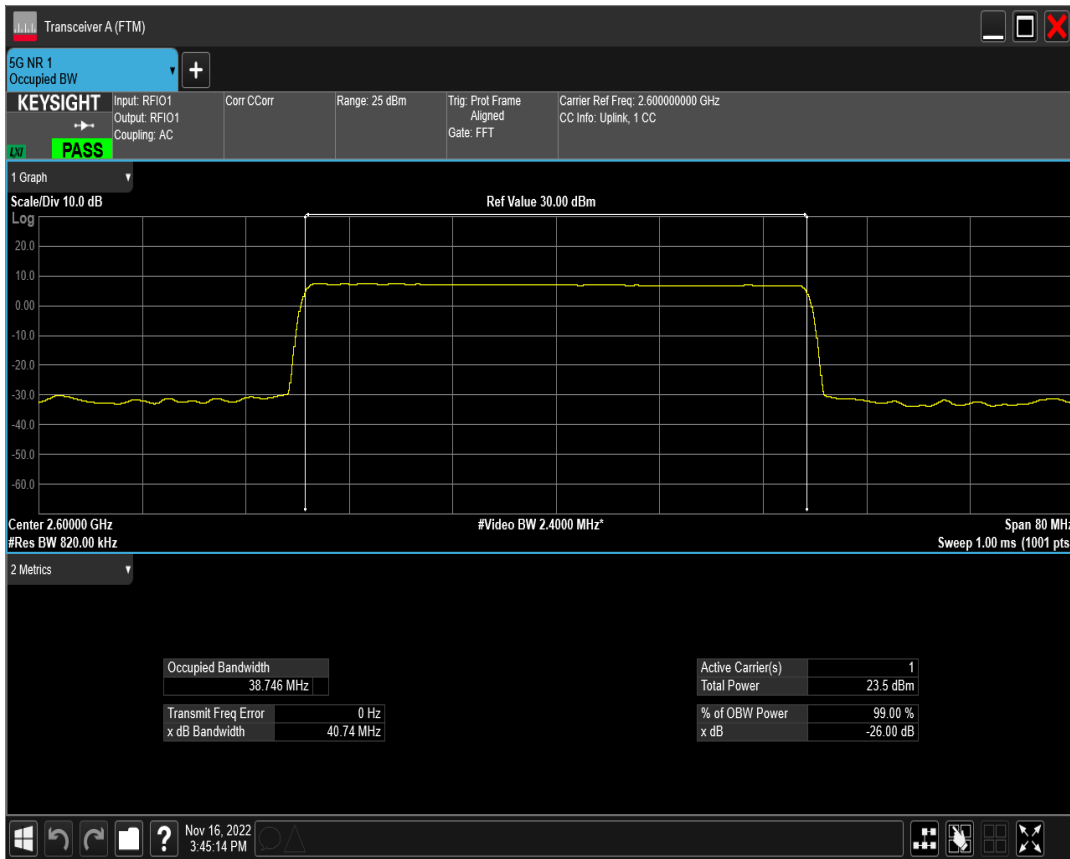
n38 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=216@0



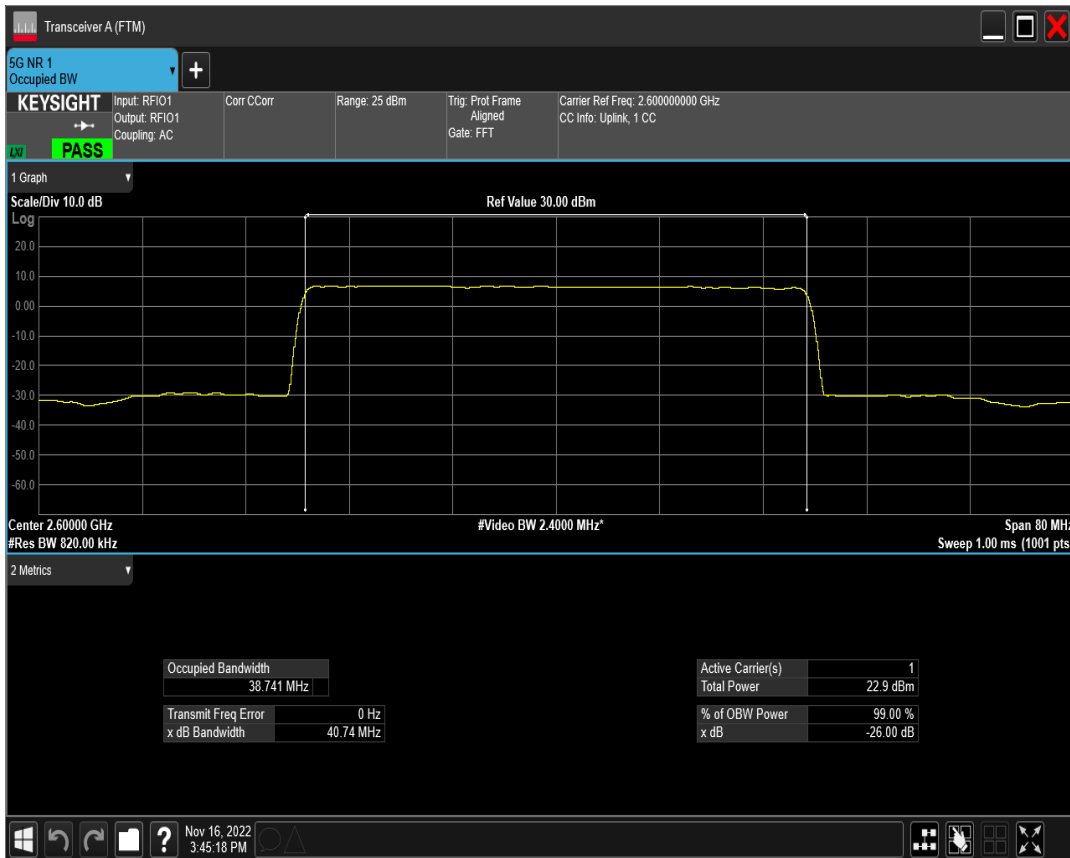
n38 SCS=15kHz CP\_QPSK BW=40MHz Channel=519000 RB=216@0



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



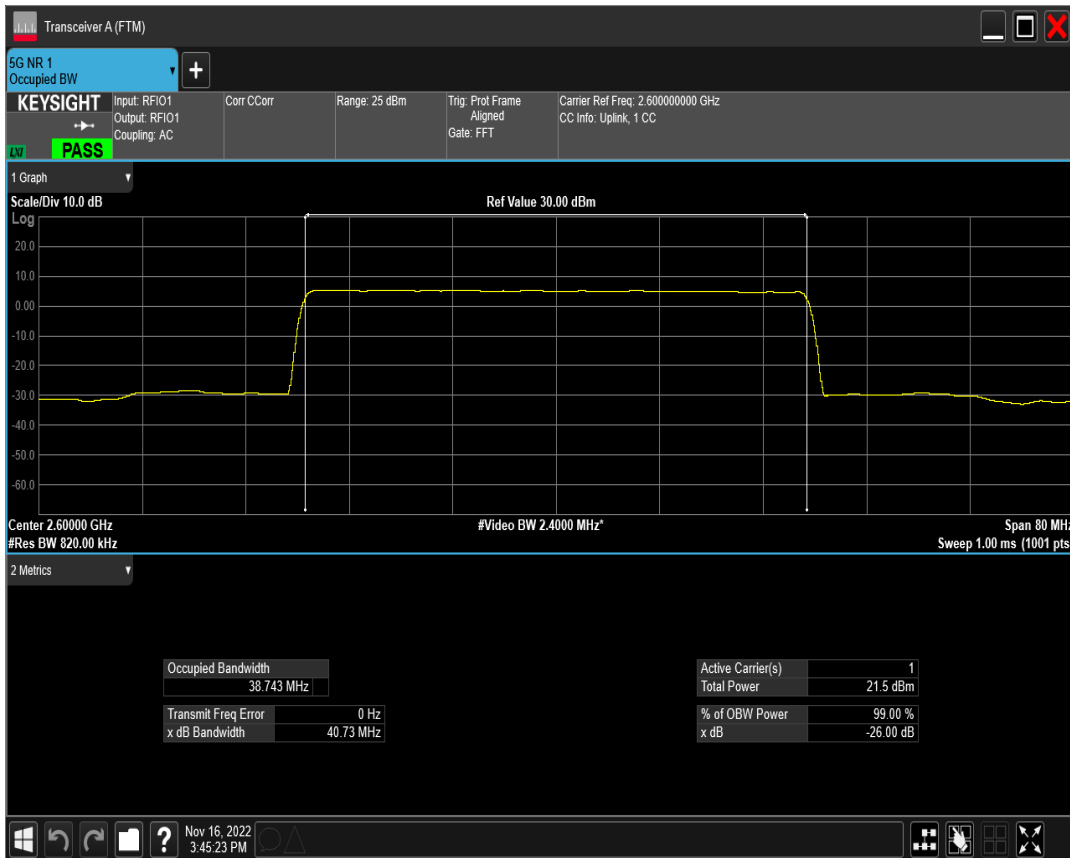
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=216@0



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

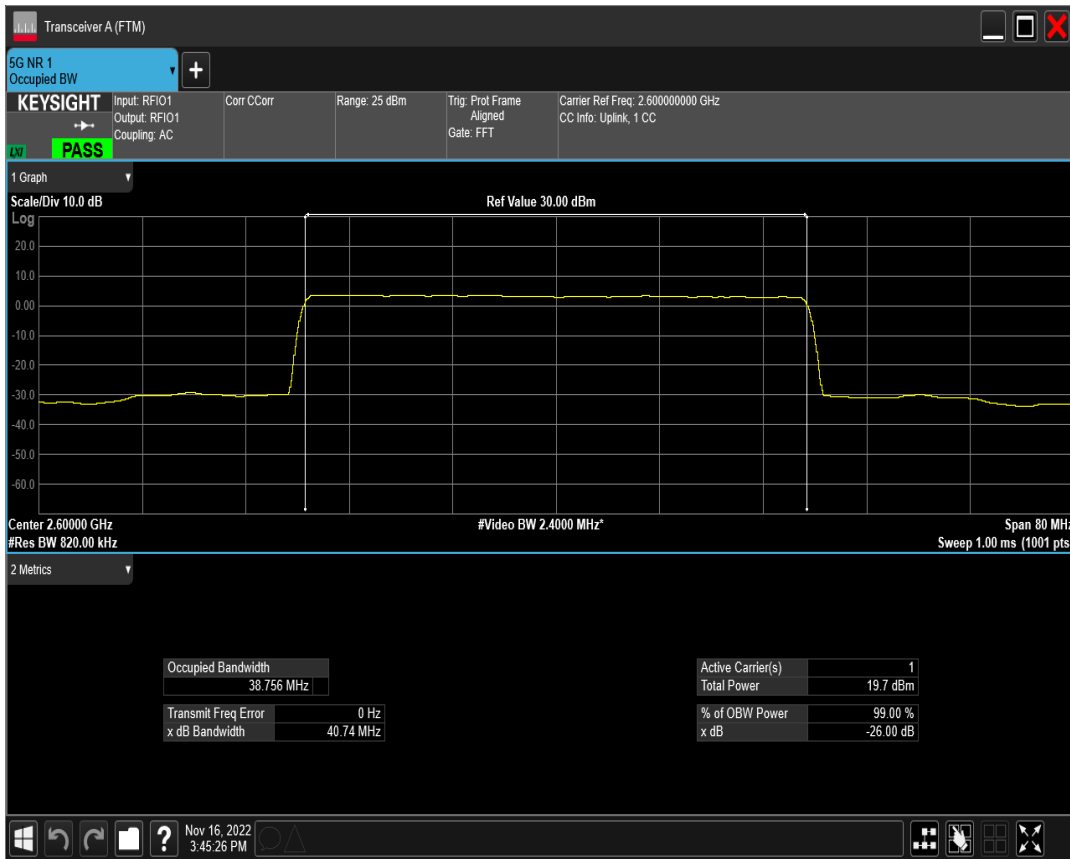


n38 SCS=15kHz DFT\_QAM64 BW=40MHz Channel=520000 RB=216@0

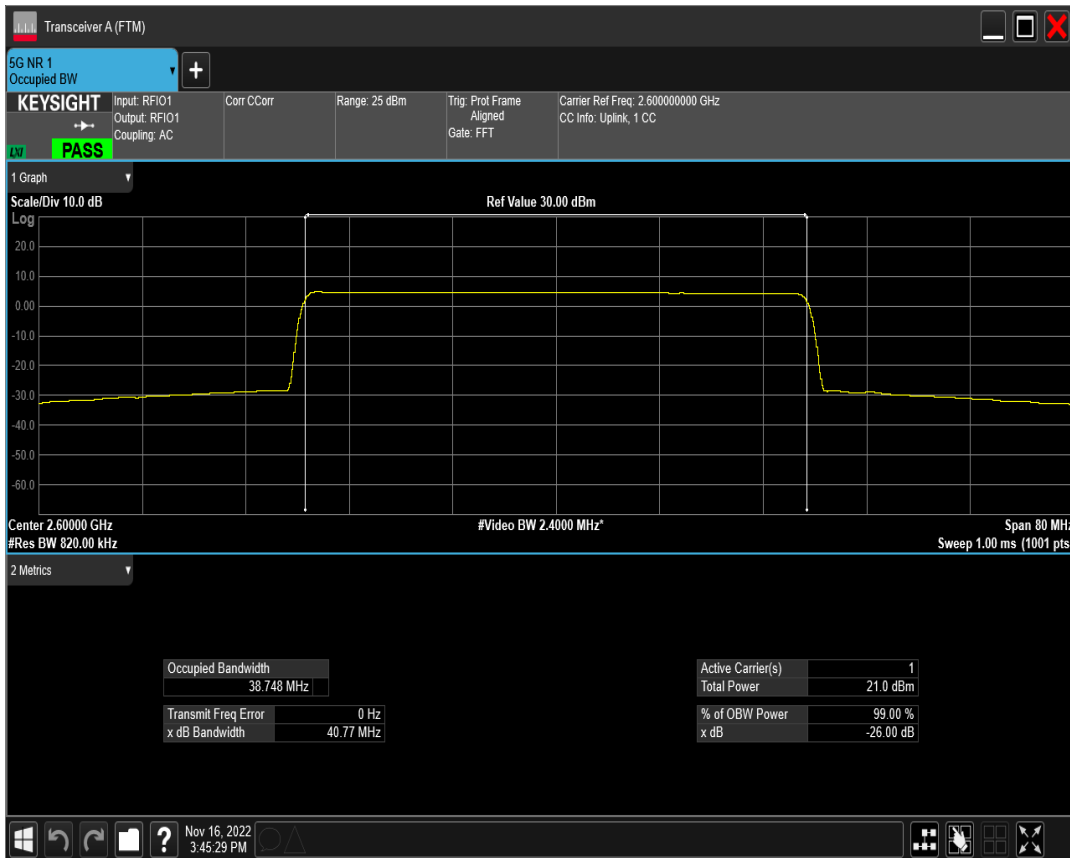




n38 SCS=15kHz DFT\_QAM256 BW=40MHz Channel=520000 RB=216@0



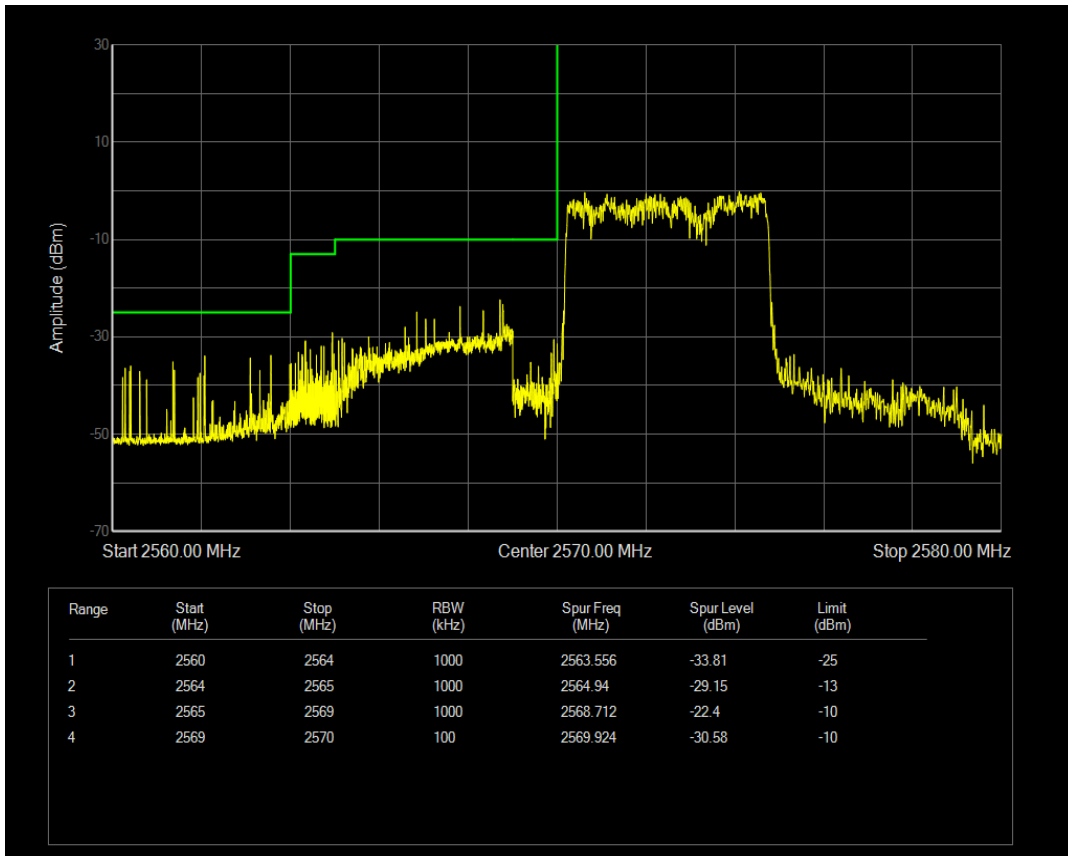
n38 SCS=15kHz CP\_QPSK BW=40MHz Channel=520000 RB=216@0



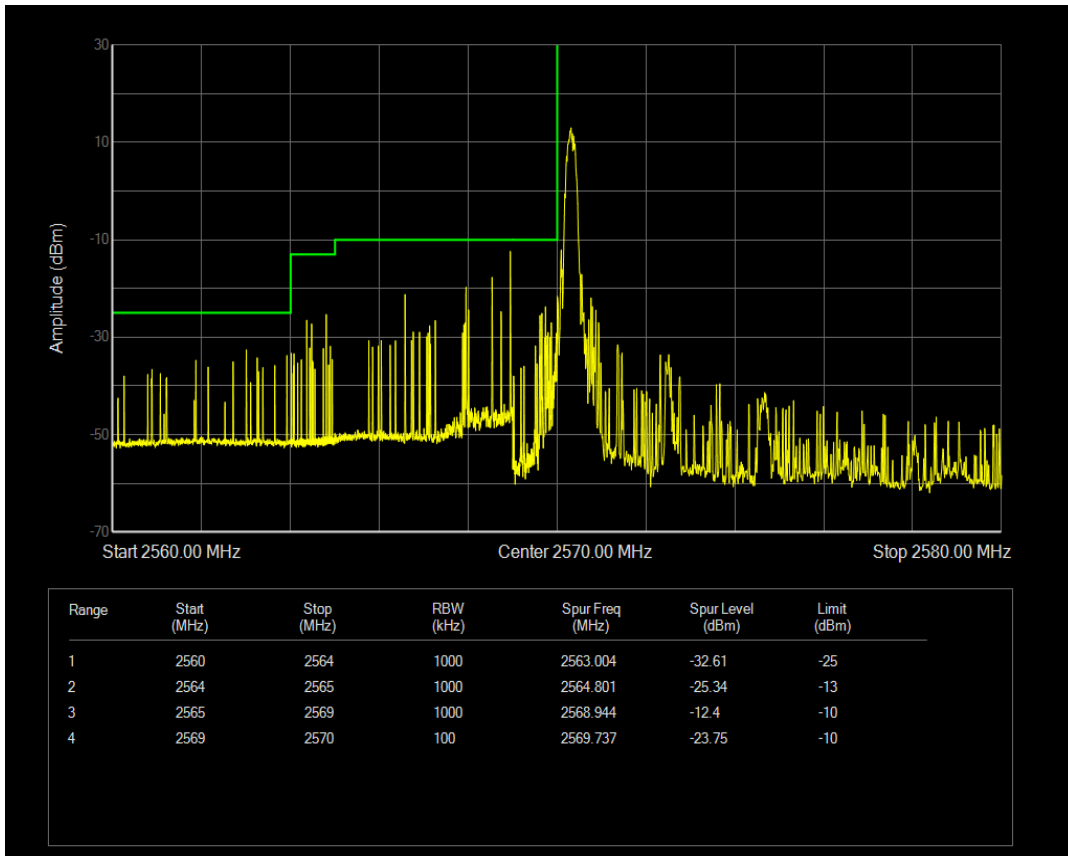
### 5 Band edge for NR FR1

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	2563.56	-33.81	-25	PASS
n38	15	5	514500	1@0	DFT_QPSK	2568.94	-12.40	-10	PASS
n38	15	5	523500	25@0	DFT_QPSK	2626.23	-30.52	-25	PASS
n38	15	5	523500	1@24	DFT_QPSK	2626.10	-27.70	-25	PASS
n38	15	40	518000	216@0	DFT_QPSK	2570.00	-12.66	-10	PASS
n38	15	40	518000	1@0	DFT_QPSK	2568.95	-21.40	-10	PASS
n38	15	40	520000	216@0	DFT_QPSK	2620.01	-18.39	-10	PASS
n38	15	40	520000	1@215	DFT_QPSK	2621.04	-18.74	-10	PASS

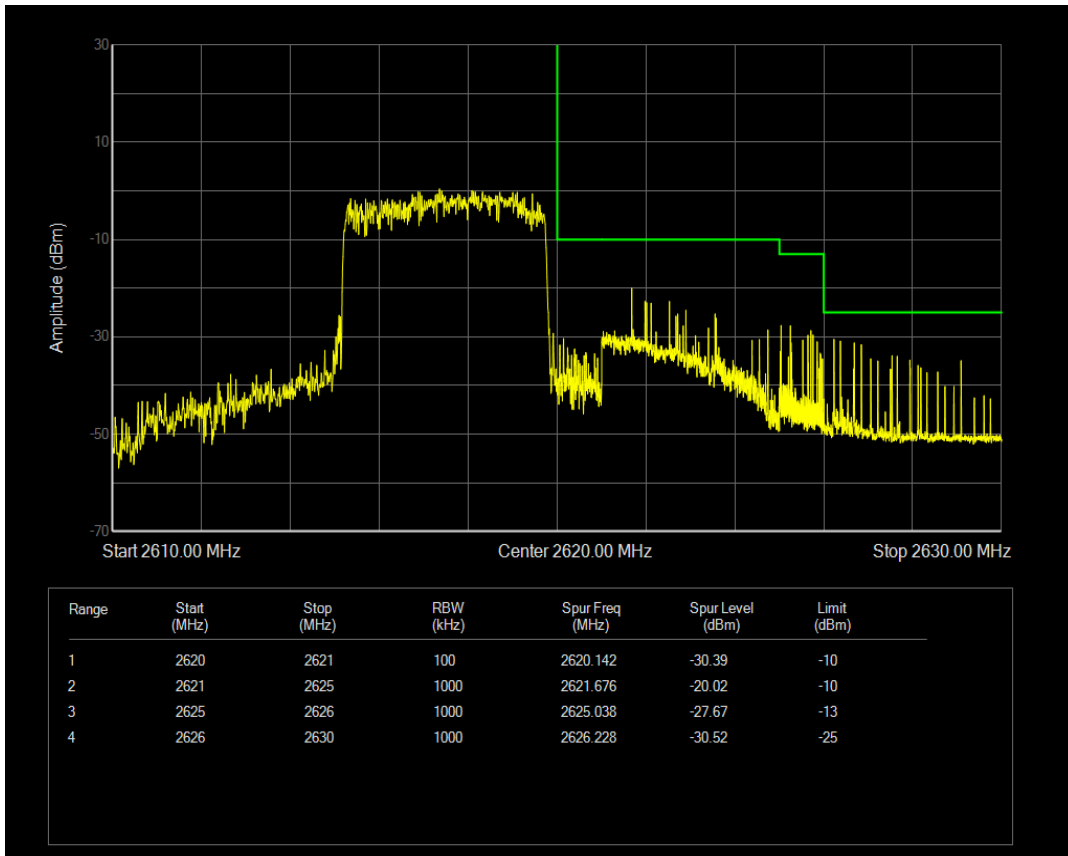
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=25@0



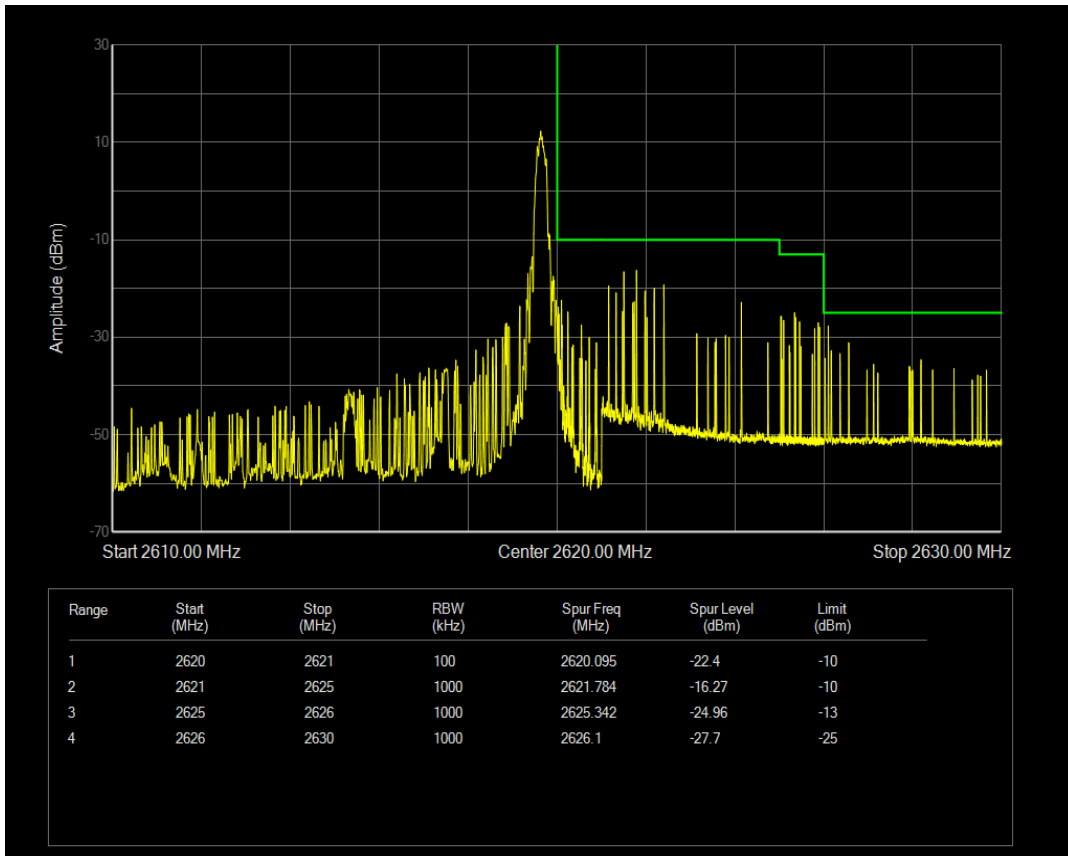
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@0



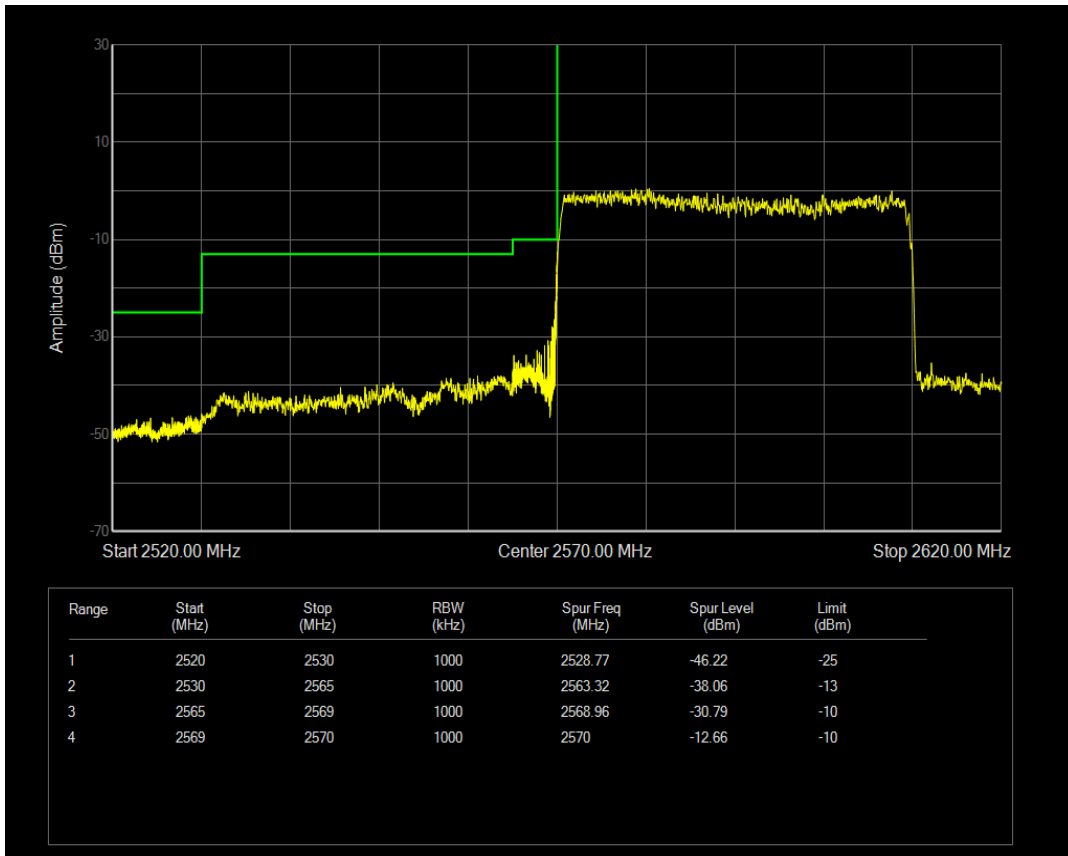
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=25@0



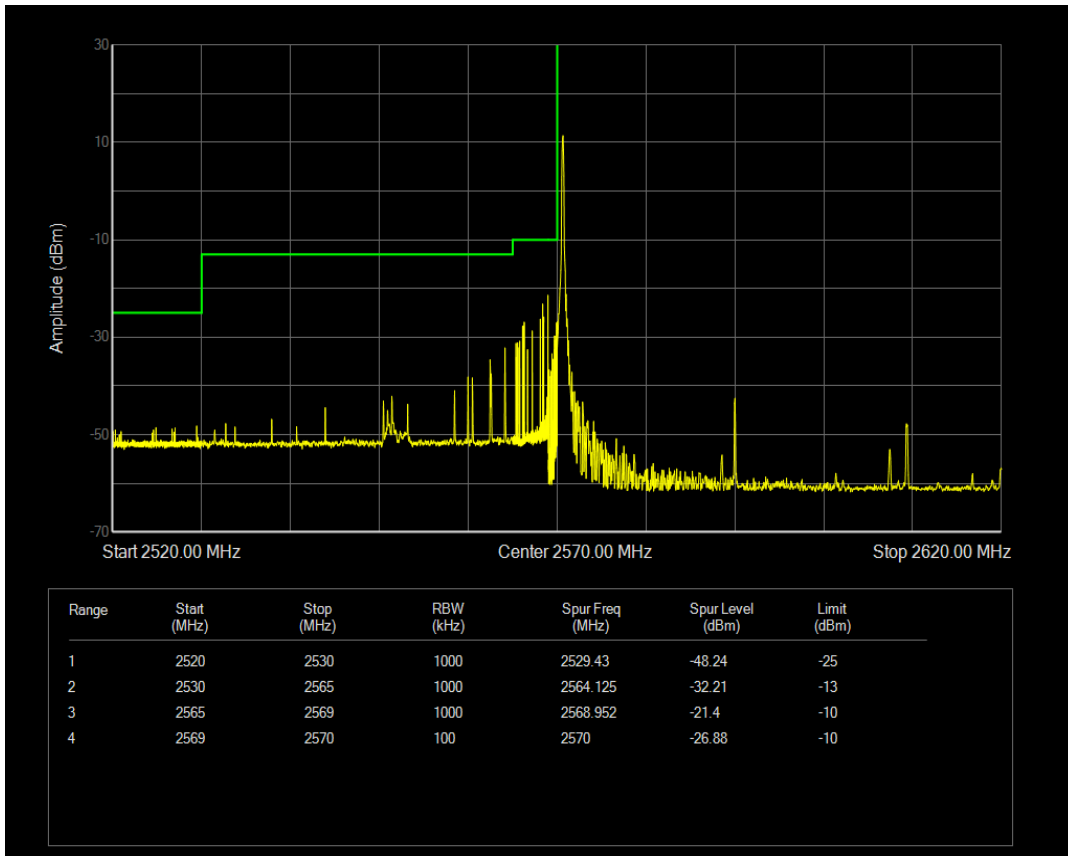
n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=523500 RB=1@24



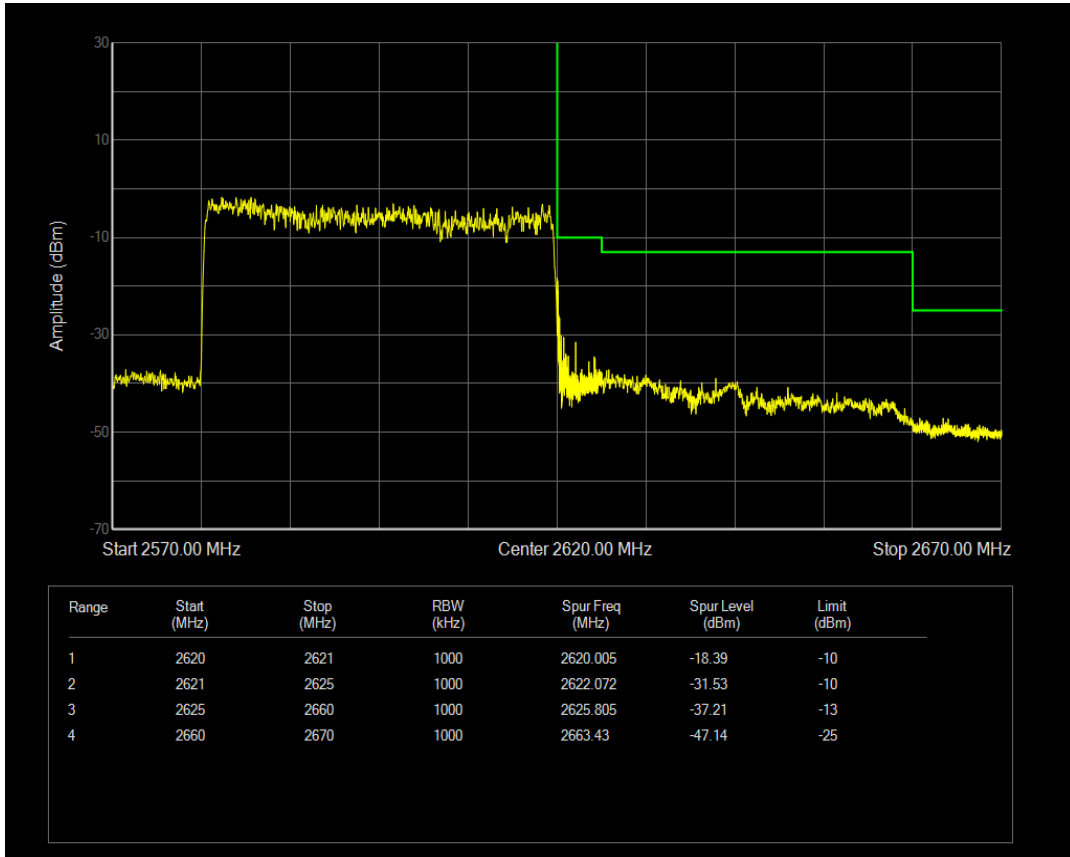
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=216@0



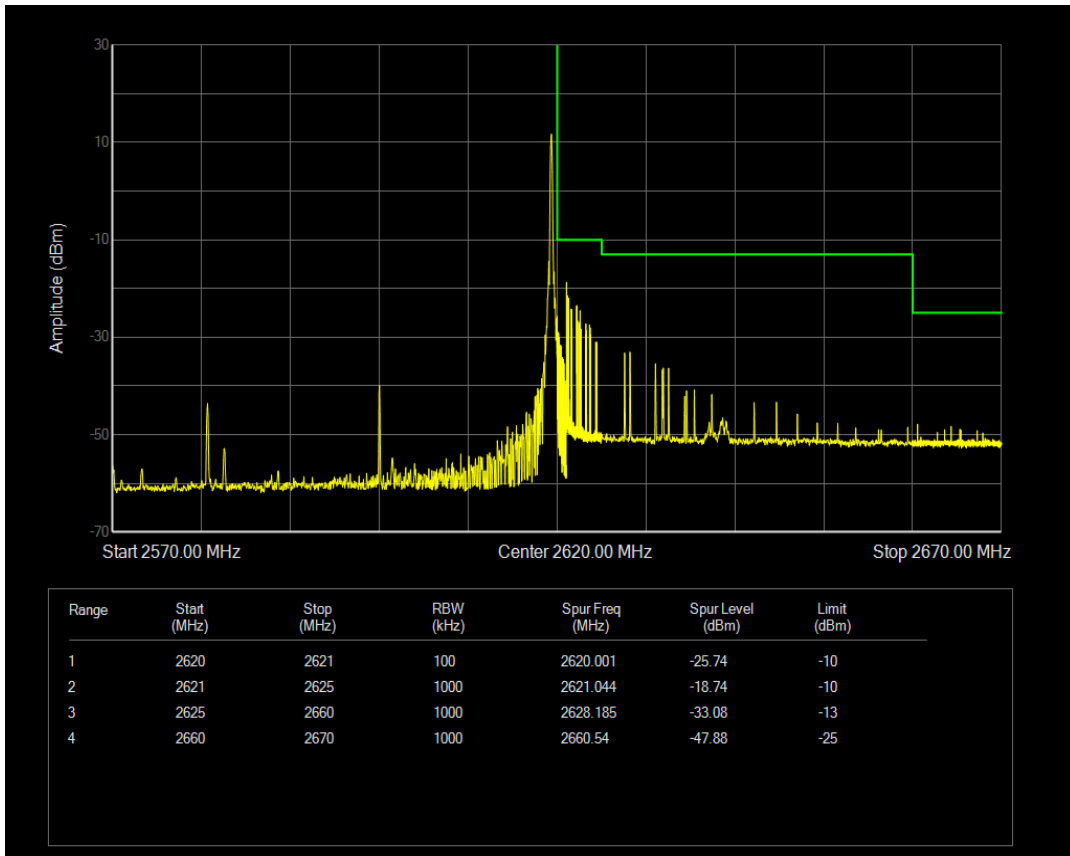
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



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



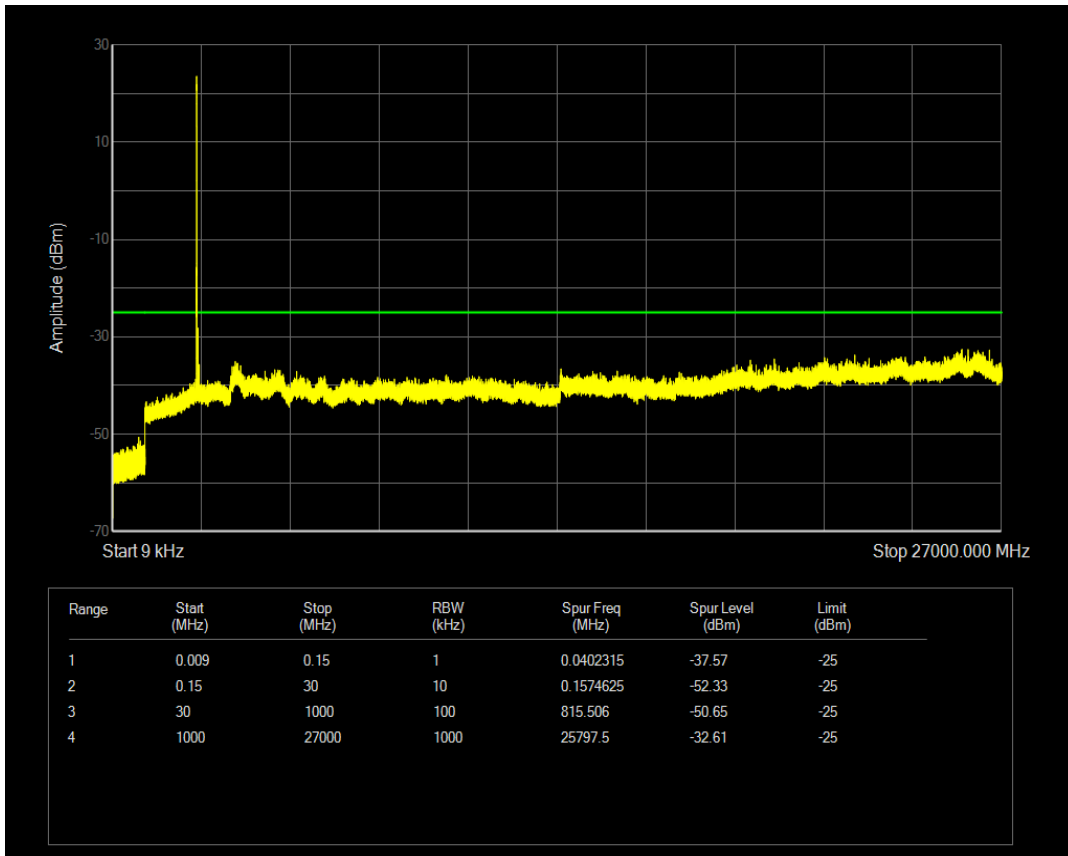
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1@215



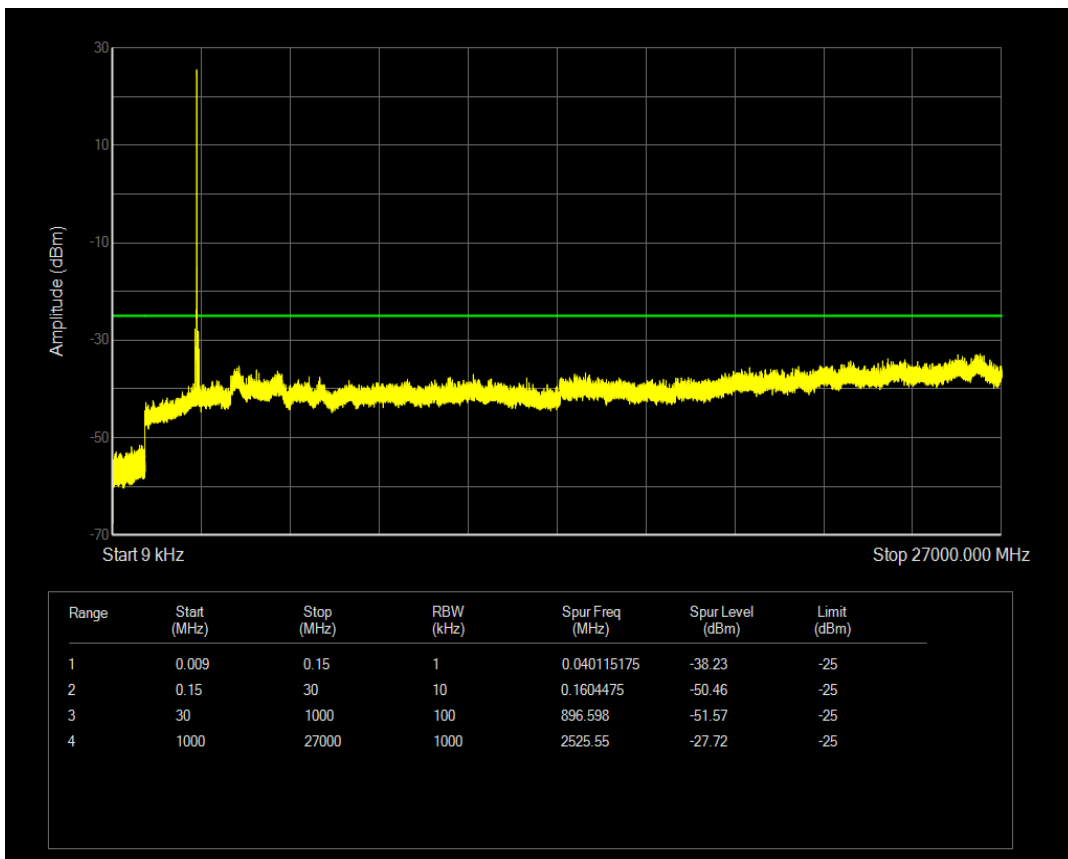
## 6 Out-of-band emissions for NR FR1

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	25797.5	-32.61	-25	PASS
n38	15	5	514500	1@0	DFT_QPSK	2643.2	-32.69	-25	PASS
n38	15	5	514500	1@24	DFT_QPSK	2525.55	-27.72	-25	PASS
n38	15	5	518500	25@0	DFT_QPSK	26220.65	-33.13	-25	PASS
n38	15	5	518500	1@0	DFT_QPSK	2511.9	-32.22	-25	PASS
n38	15	5	518500	1@24	DFT_QPSK	26247.3	-32.17	-25	PASS
n38	15	5	523500	25@0	DFT_QPSK	26499.5	-31.9	-25	PASS
n38	15	5	523500	1@0	DFT_QPSK	26314.25	-31.85	-25	PASS
n38	15	5	523500	1@24	DFT_QPSK	23744.15	-33.25	-25	PASS
n38	15	40	518000	216@0	DFT_QPSK	23826.05	-32.33	-25	PASS
n38	15	40	518000	1@0	DFT_QPSK	25702.6	-32.66	-25	PASS
n38	15	40	518000	1@215	DFT_QPSK	26341.55	-32.49	-25	PASS
n38	15	40	519000	216@0	DFT_QPSK	25584.95	-32.3	-25	PASS
n38	15	40	519000	1@0	DFT_QPSK	26318.8	-32.32	-25	PASS
n38	15	40	519000	1@215	DFT_QPSK	26379.9	-32.5	-25	PASS
n38	15	40	520000	216@0	DFT_QPSK	26271.35	-32.65	-25	PASS
n38	15	40	520000	1@0	DFT_QPSK	26278.5	-32.43	-25	PASS
n38	15	40	520000	1@215	DFT_QPSK	26294.75	-32.32	-25	PASS

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

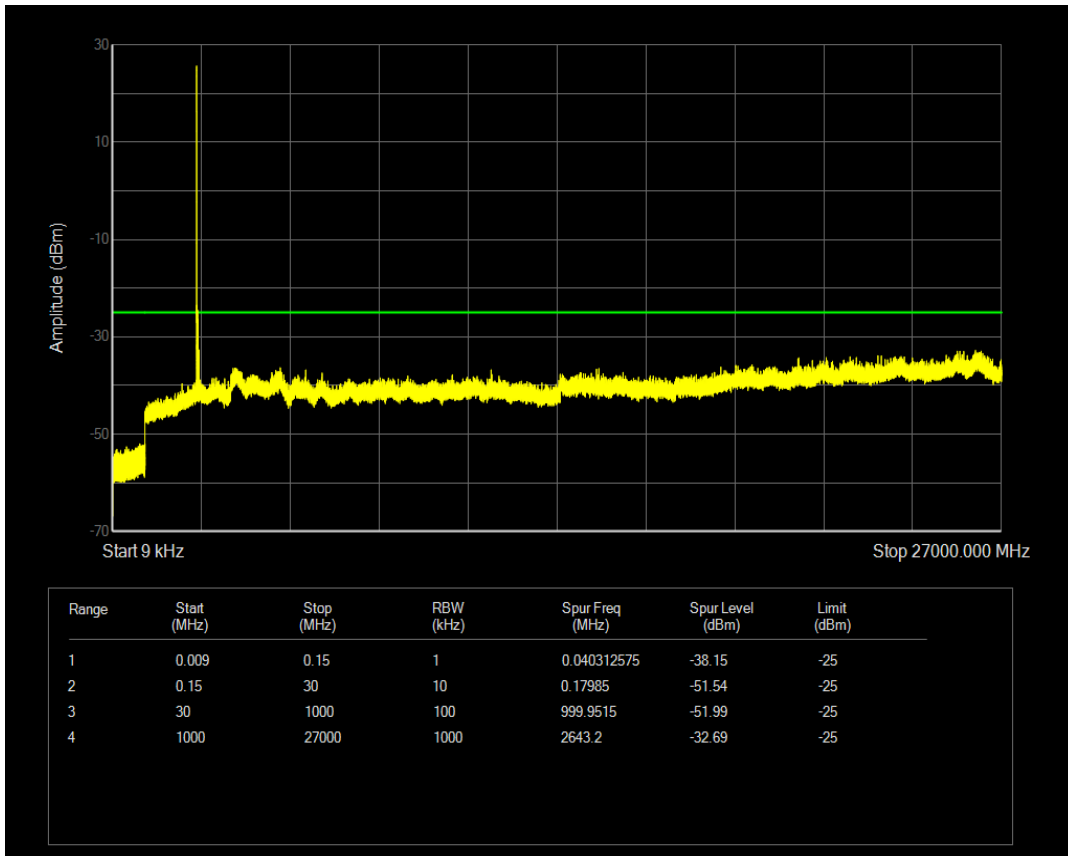


n38 SCS=15kHz DFT\_QPSK BW=5MHz Channel=514500 RB=1@24

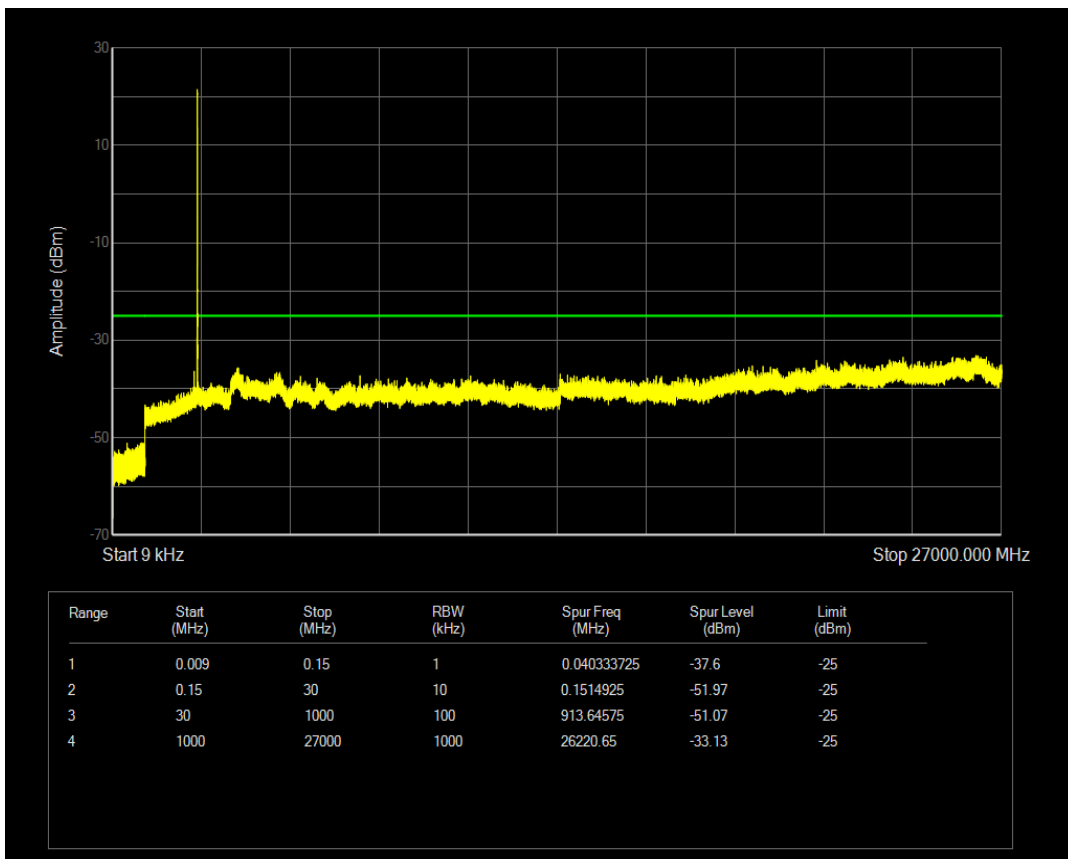




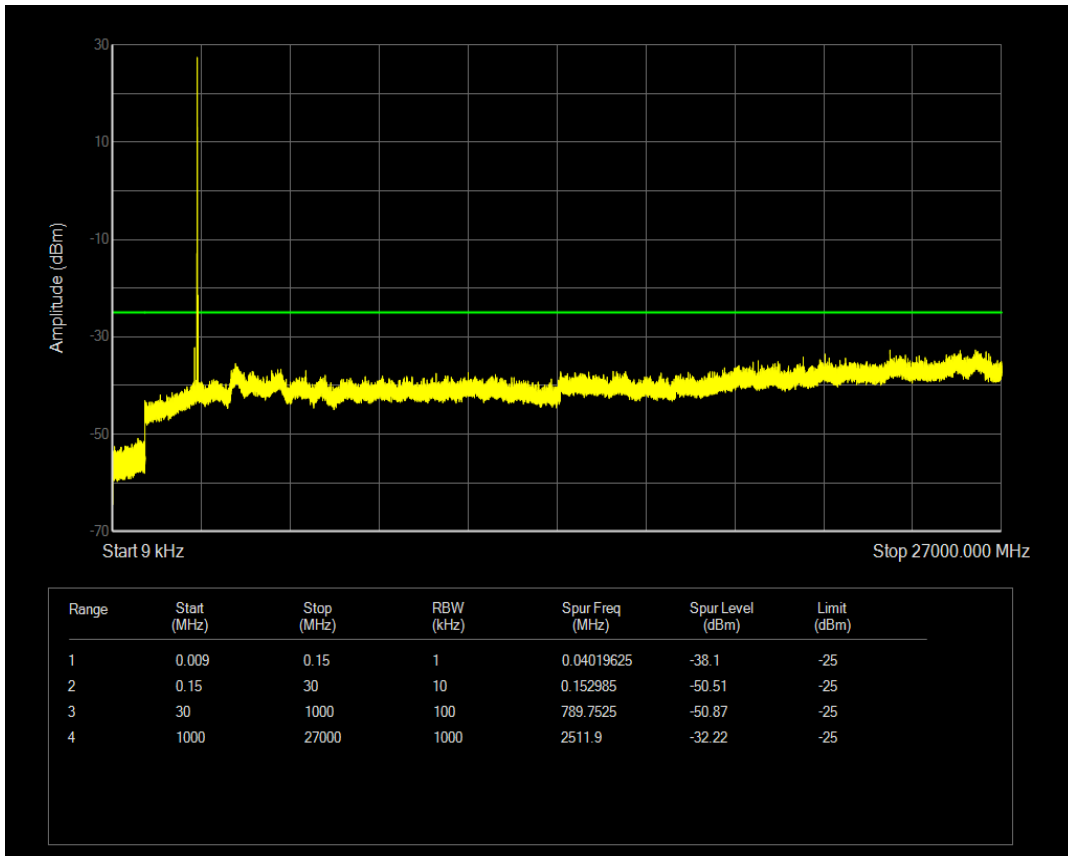
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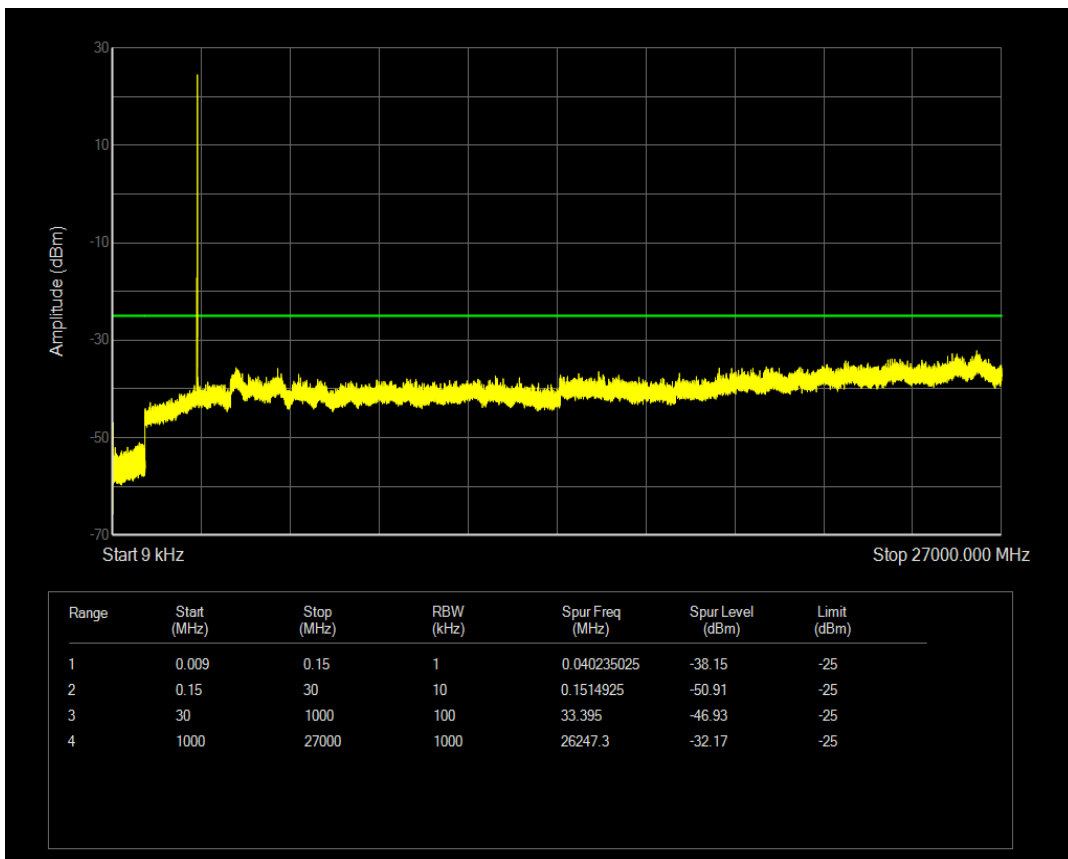
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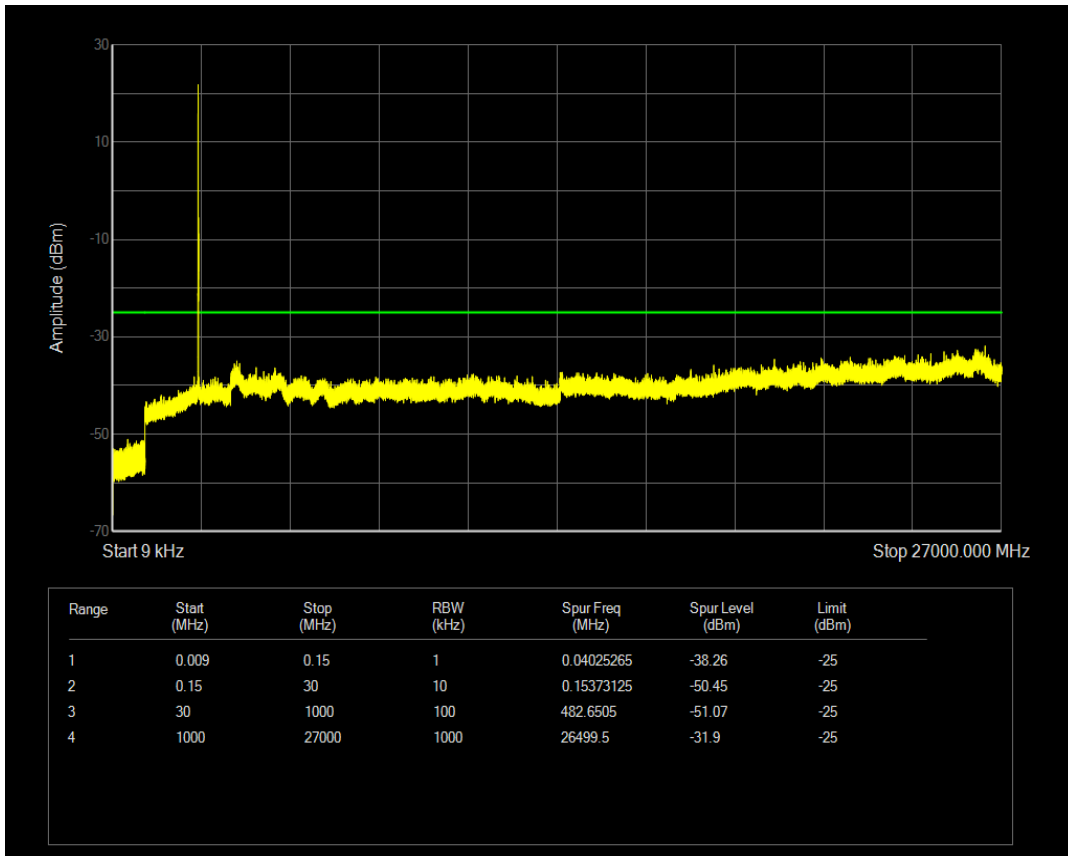
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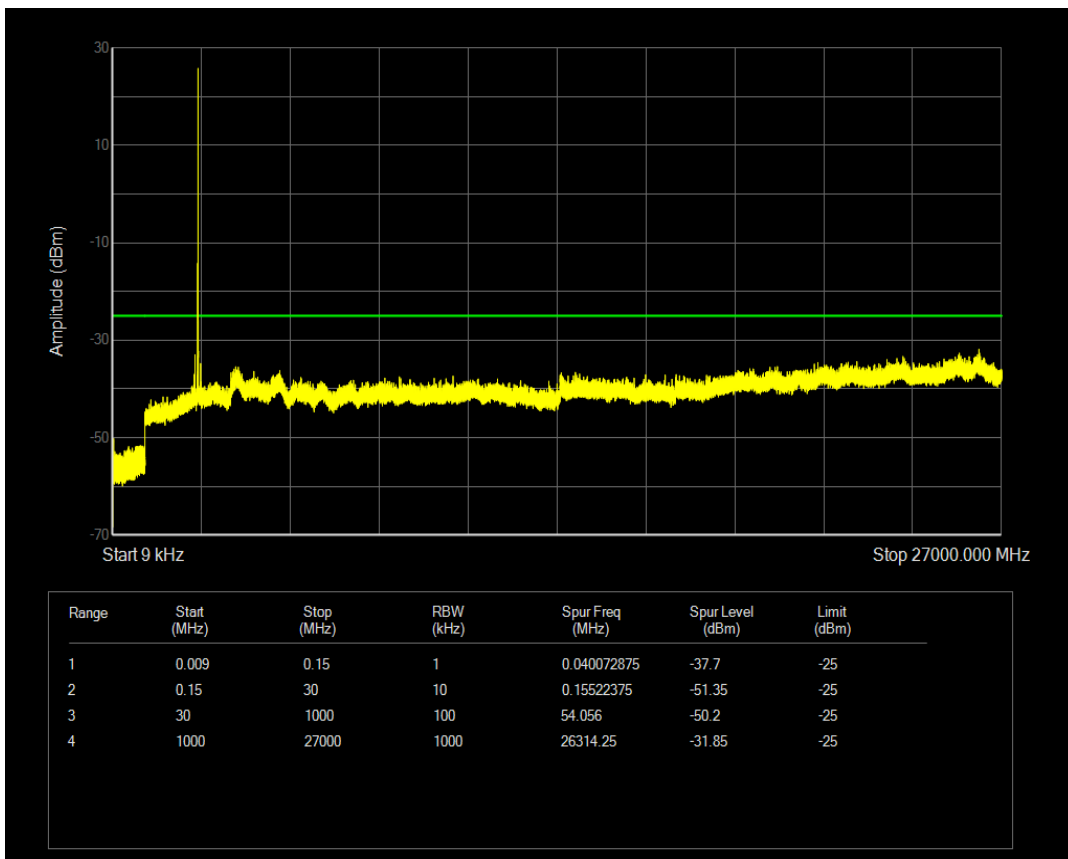
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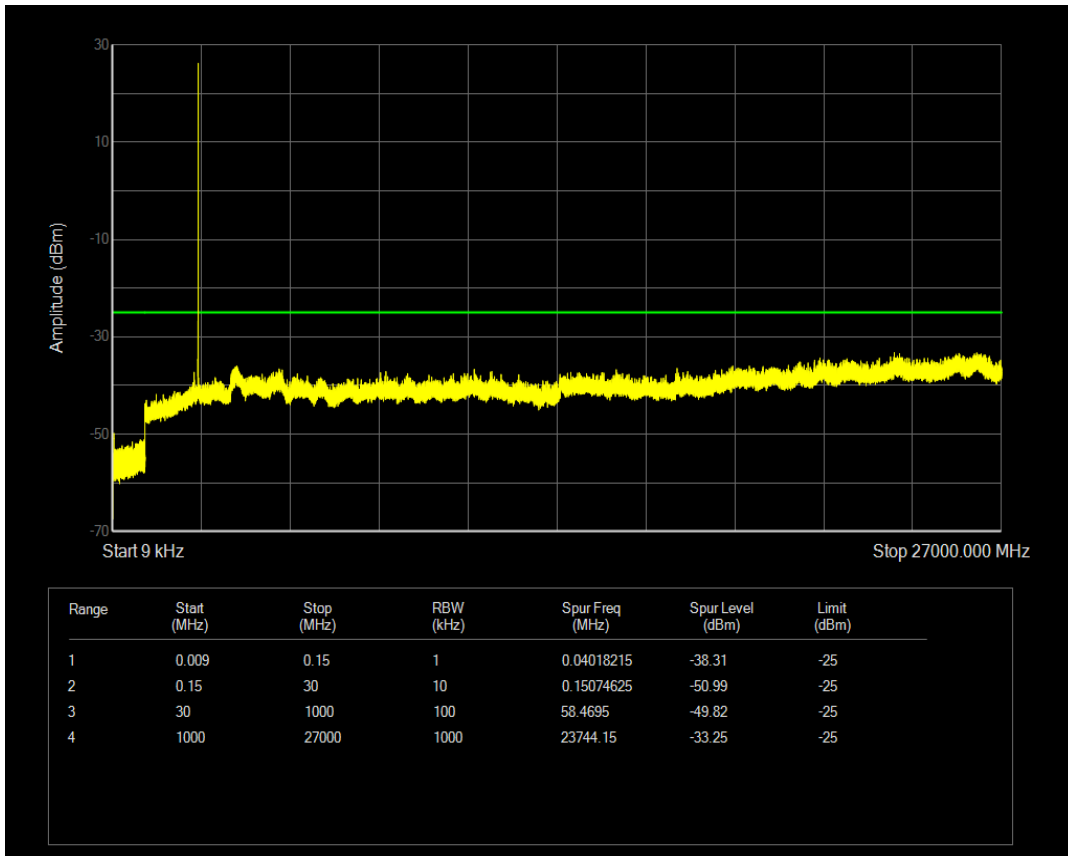
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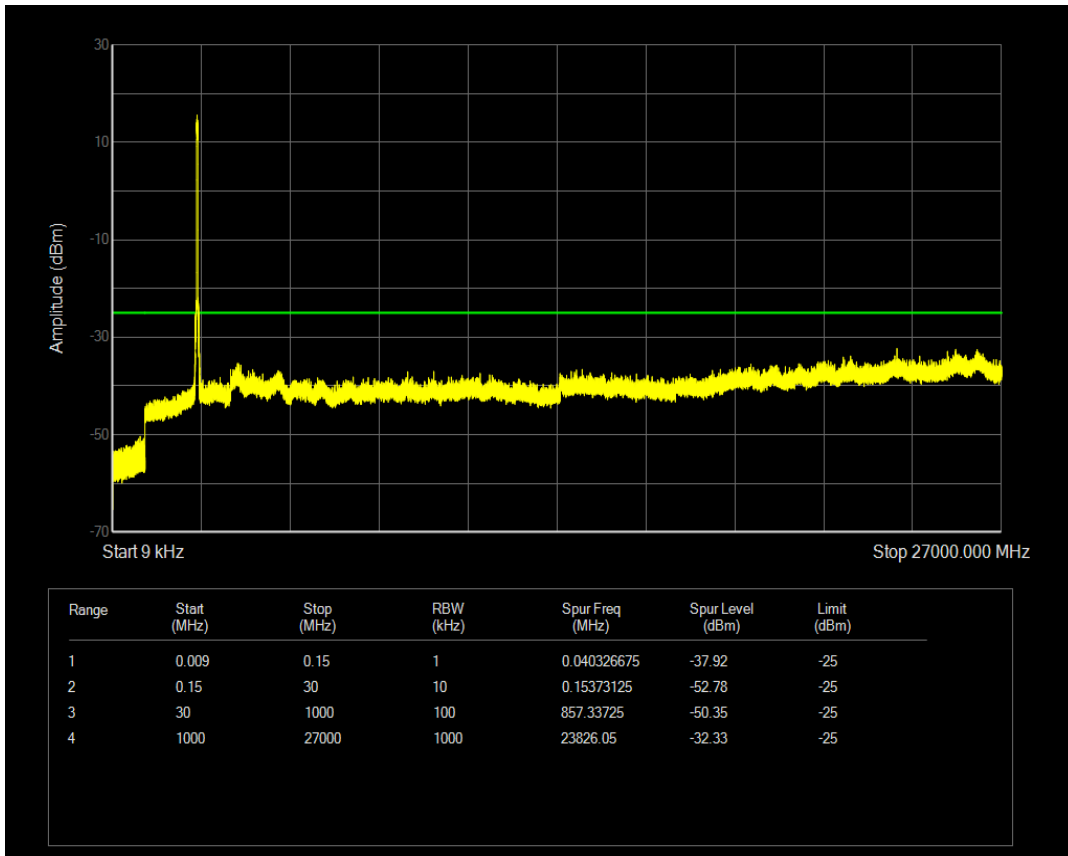
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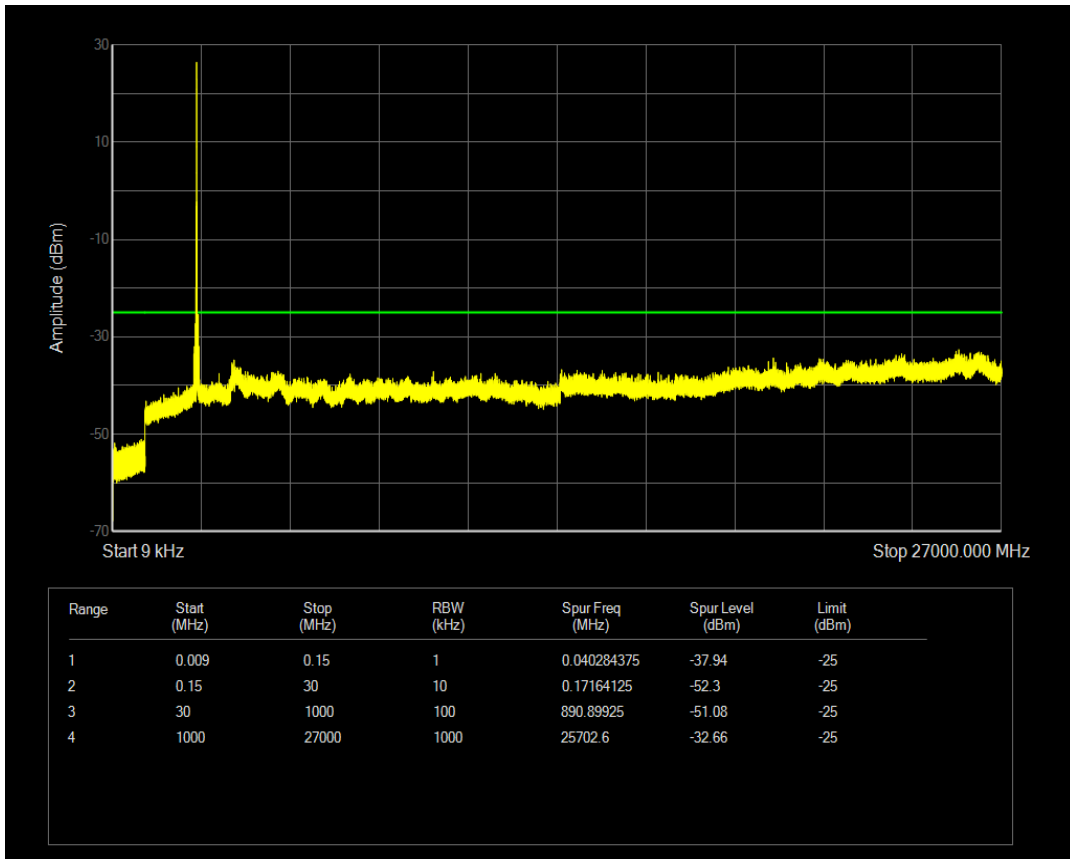
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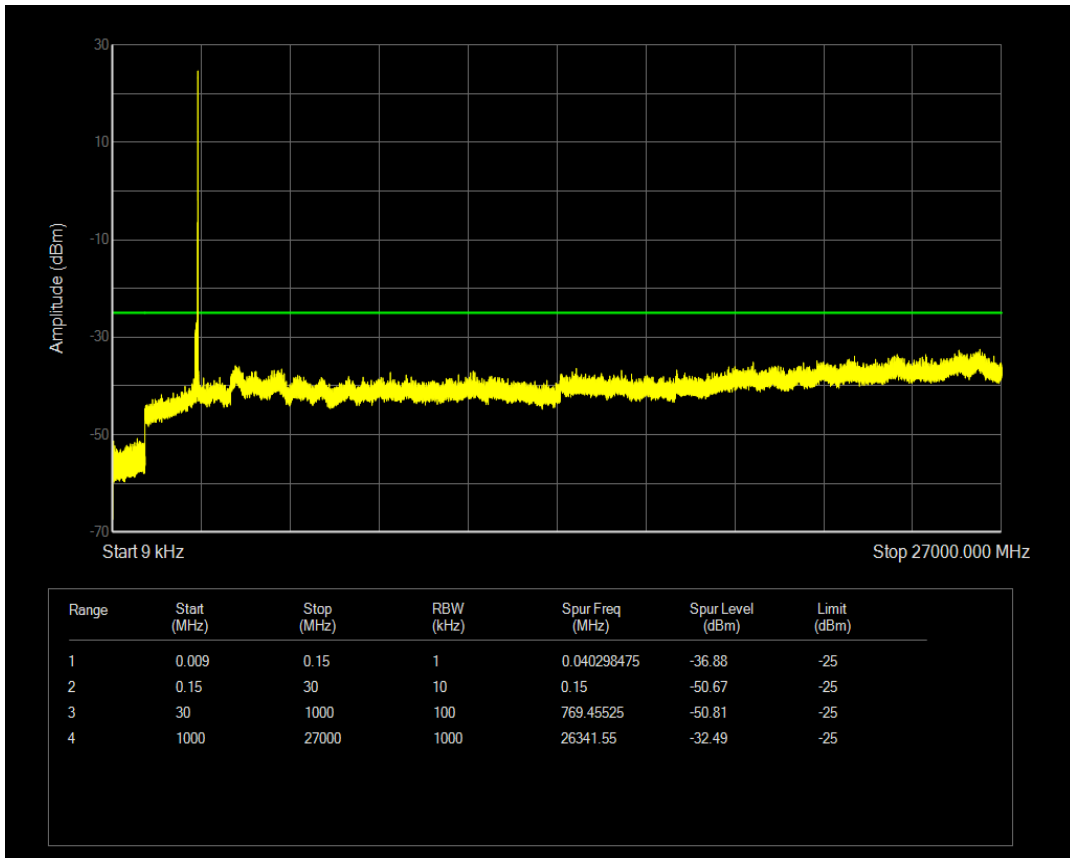
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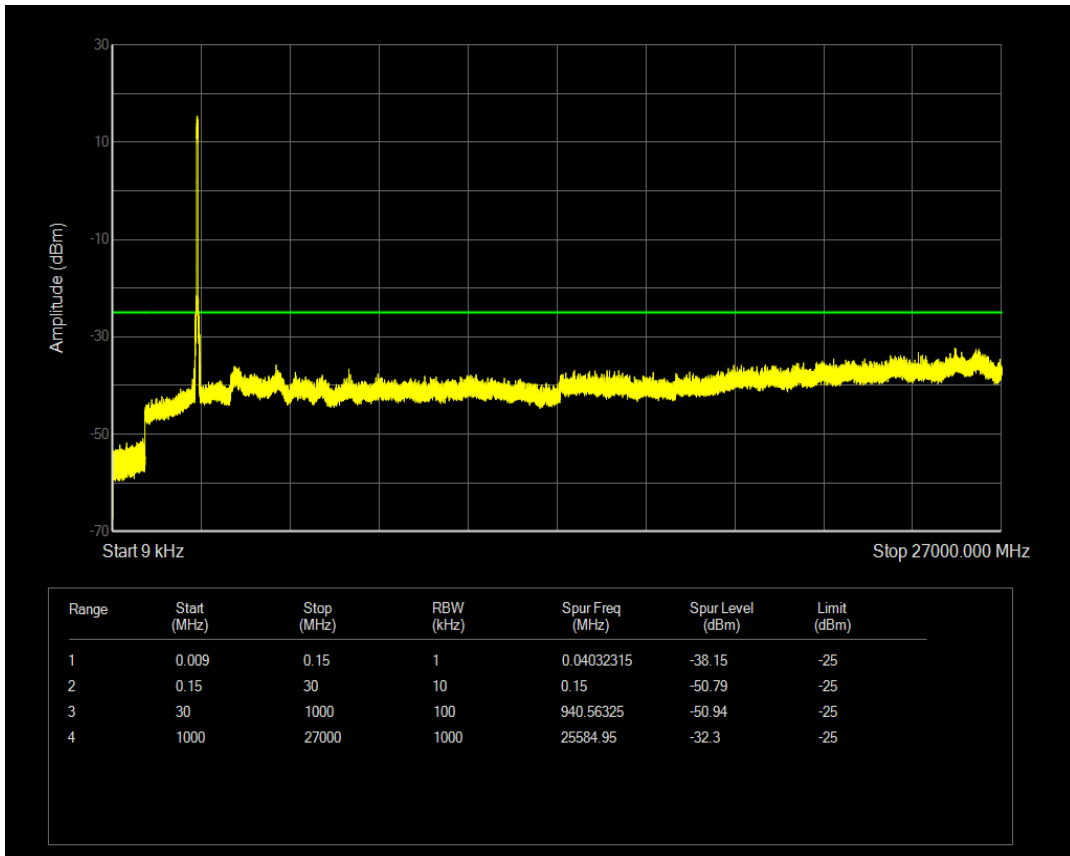
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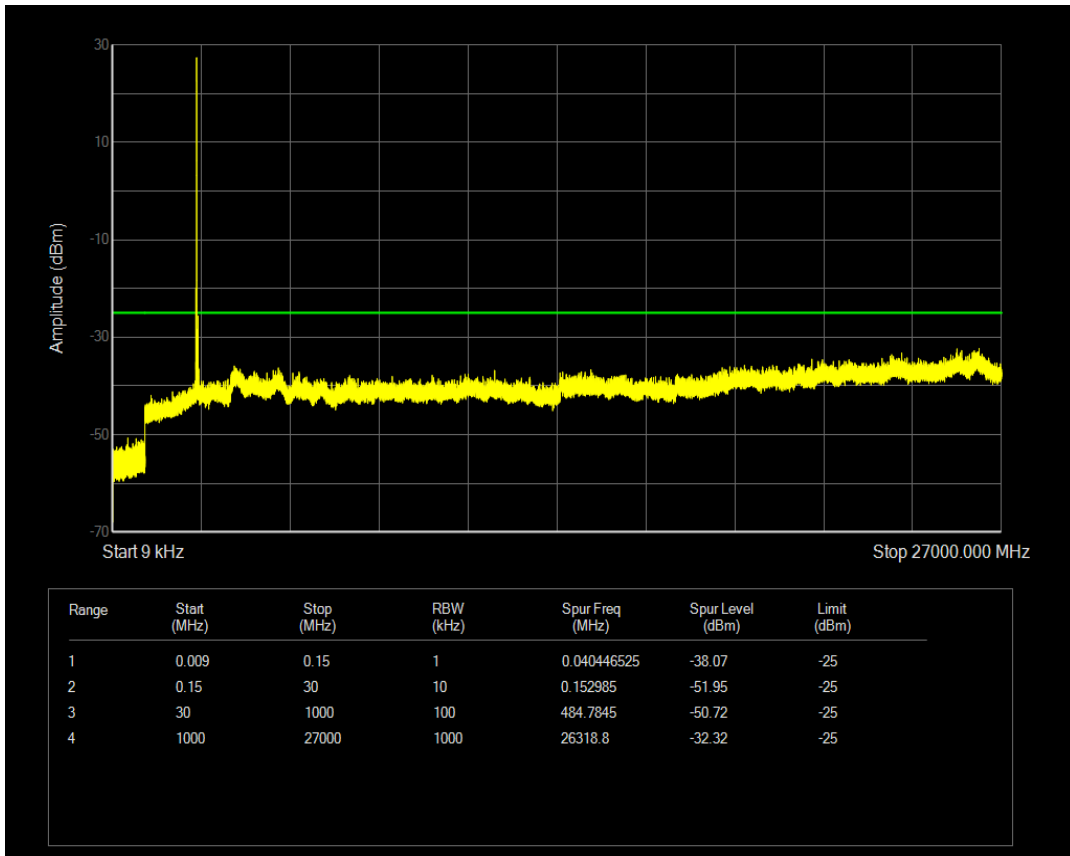
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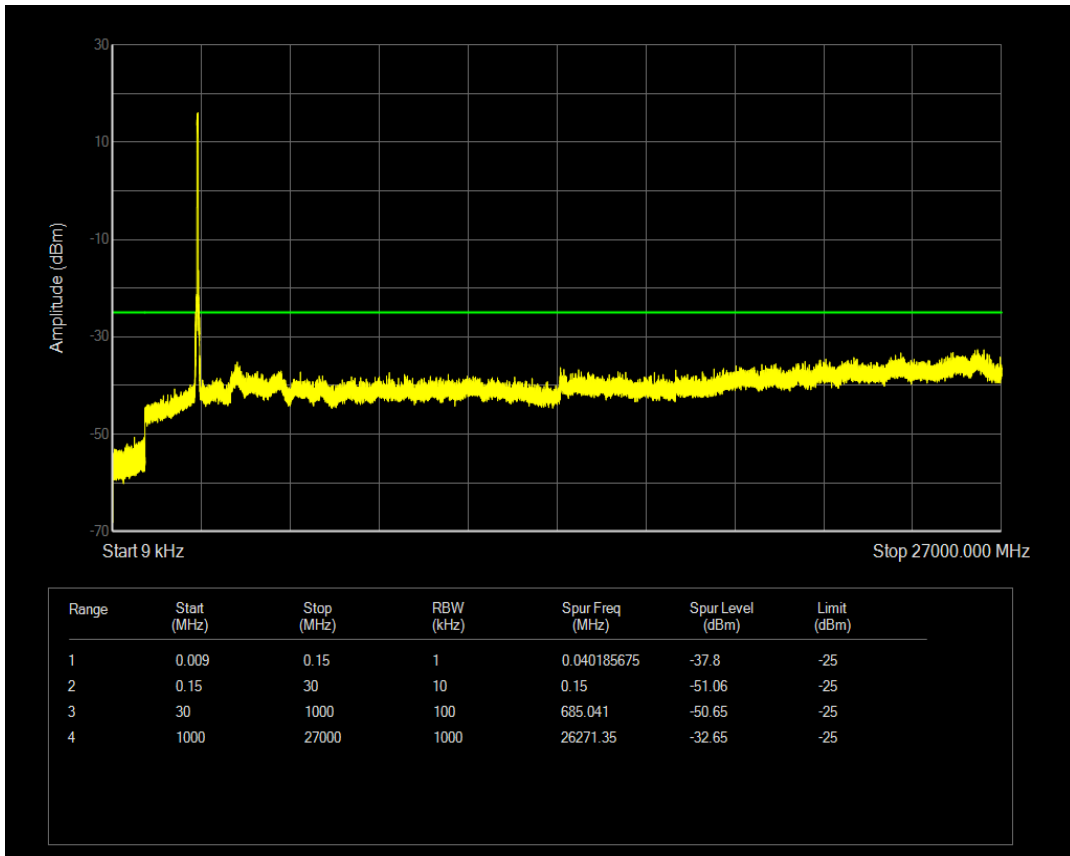
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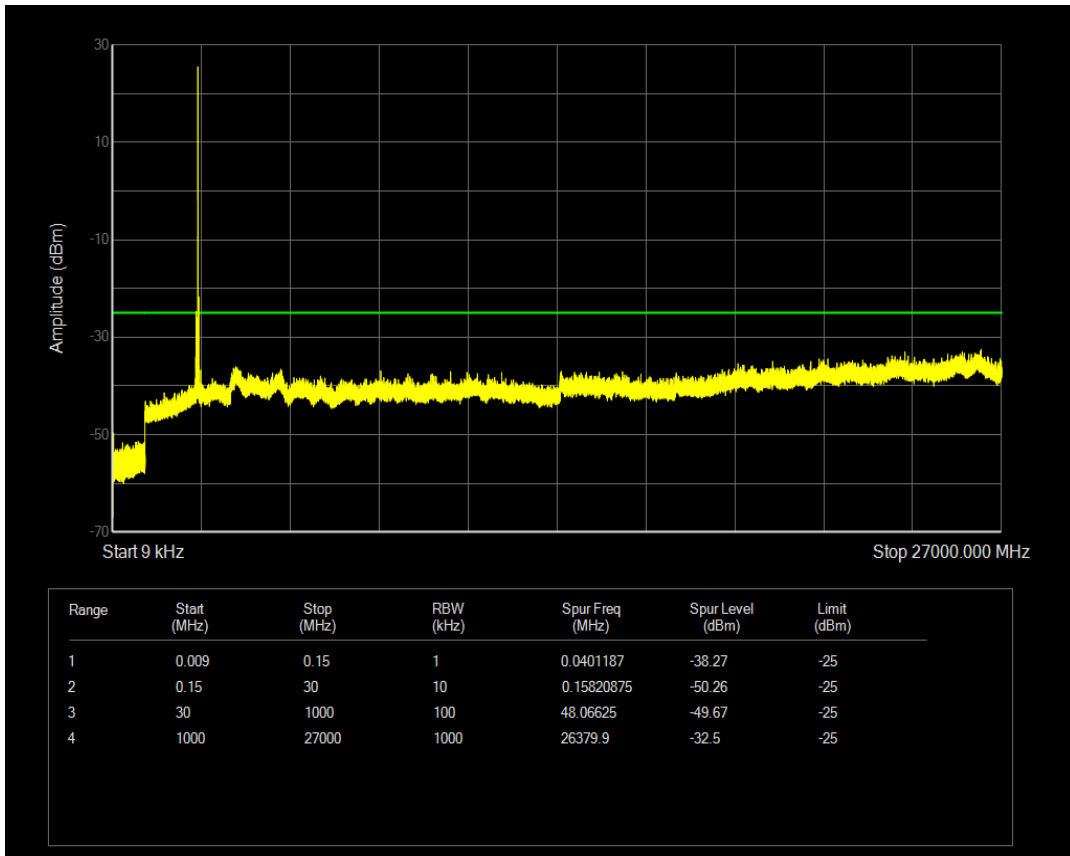
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@0



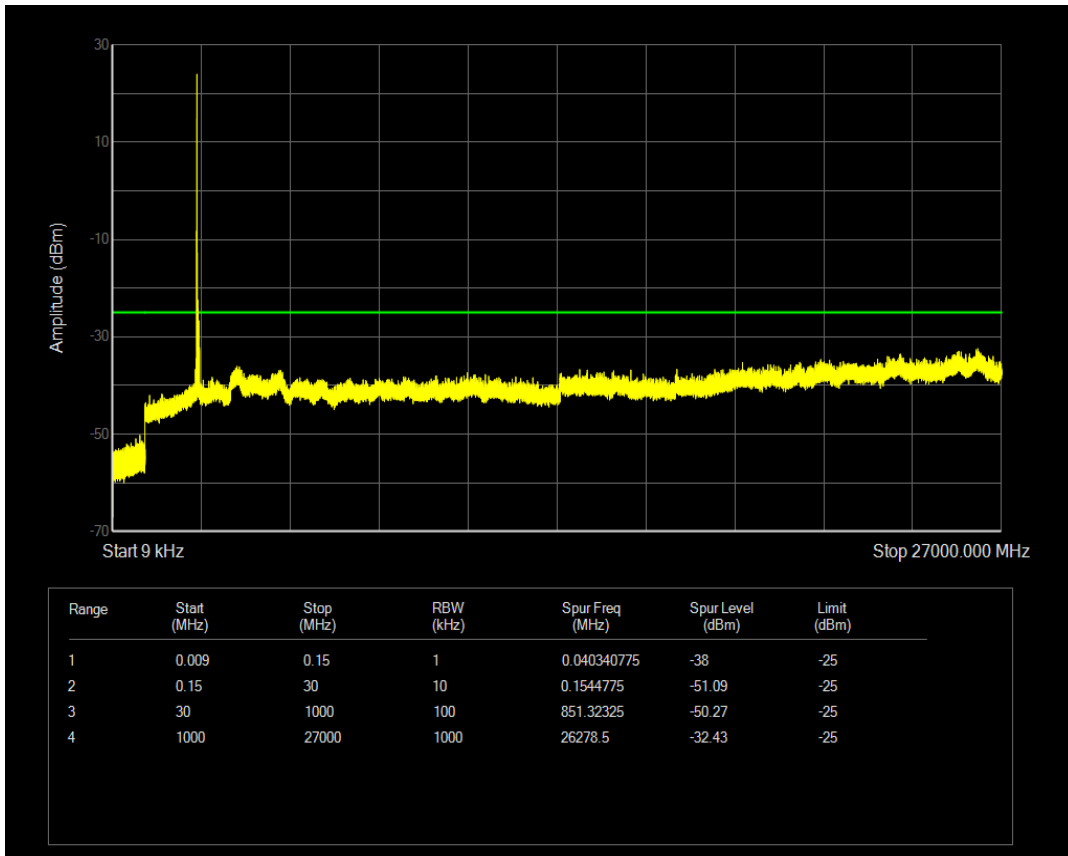
n38 SCS=15kHz DFT\_QPSK BW=40MHz Channel=520000 RB=216@0



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



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



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

