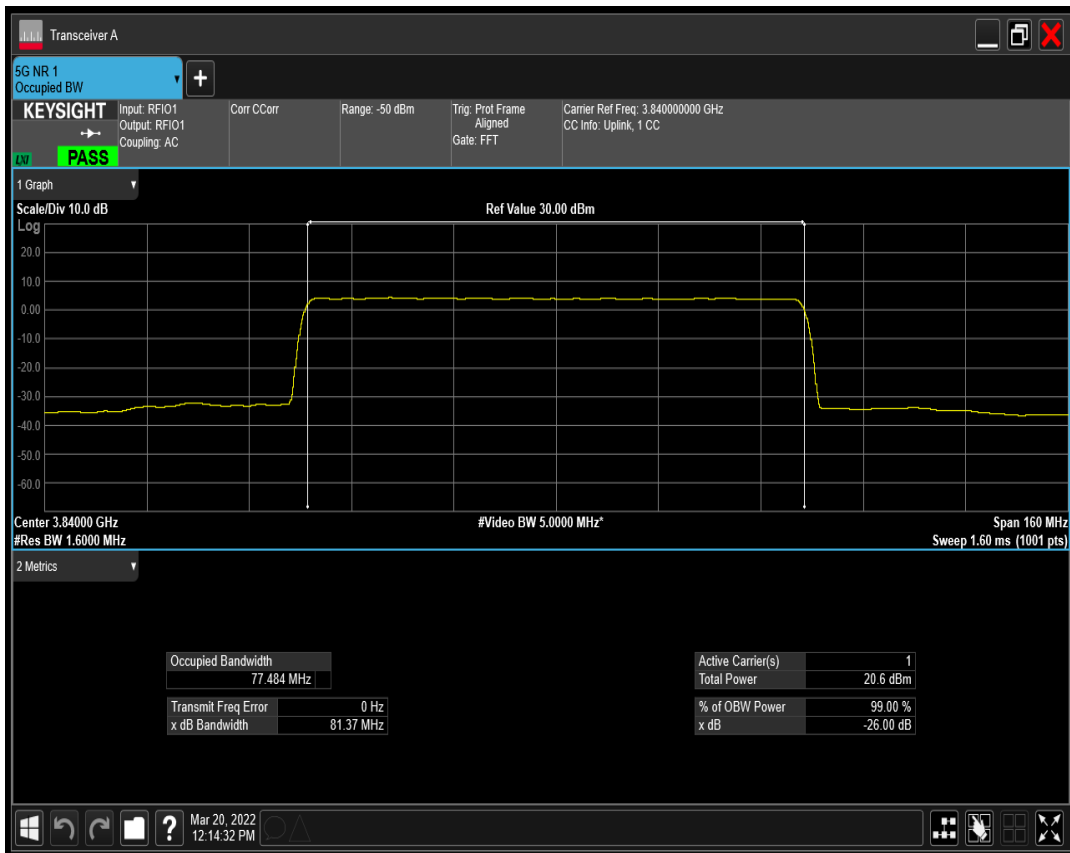
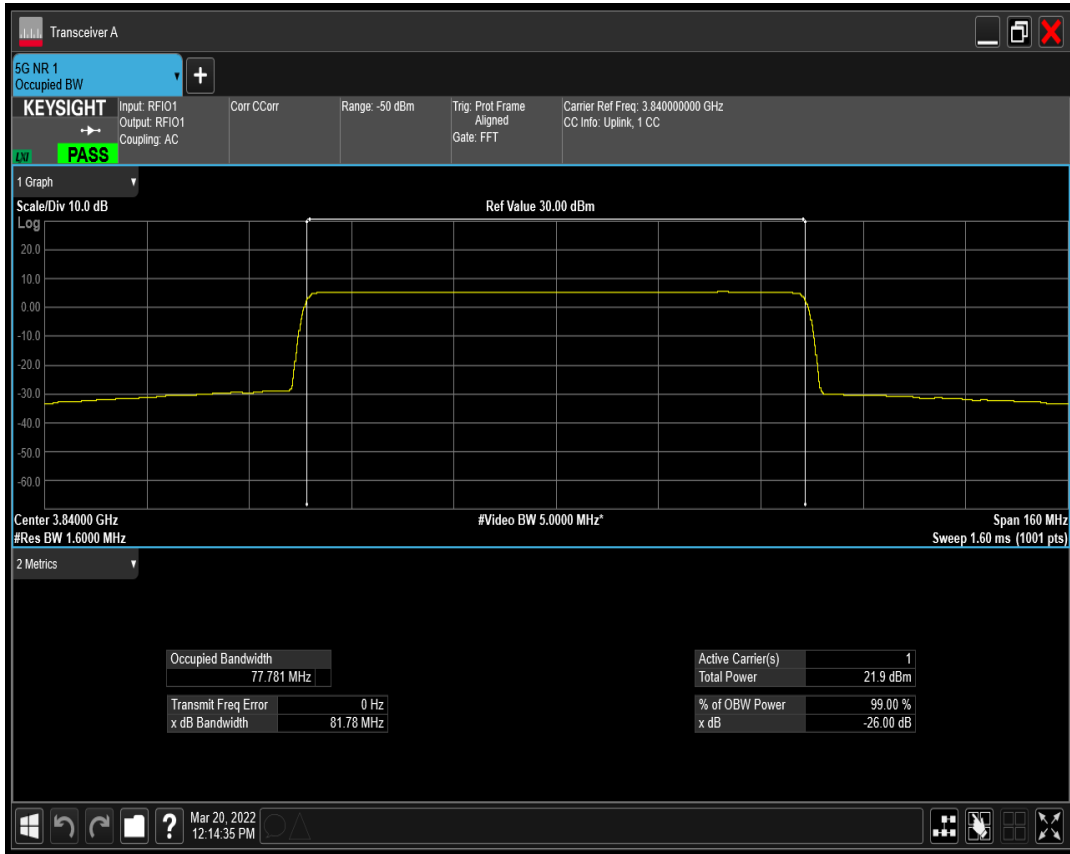




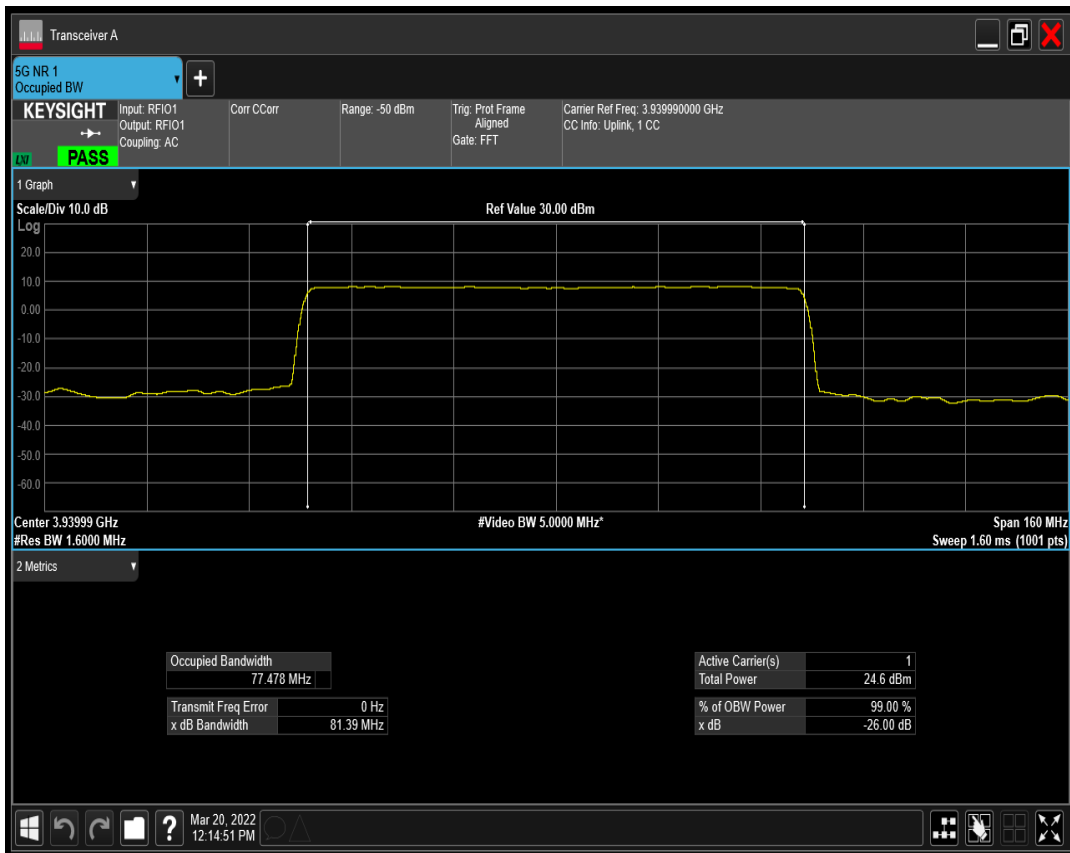
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=656000 RB=216@0



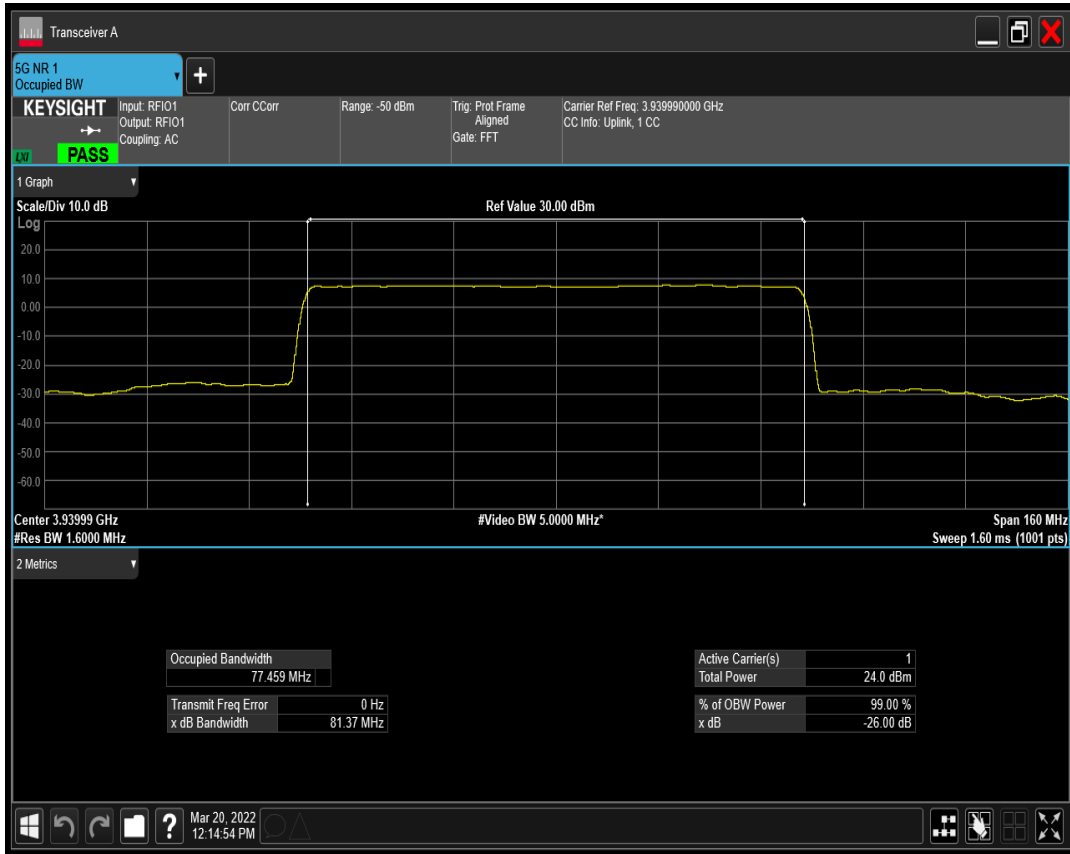
n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=656000 RB=217@0



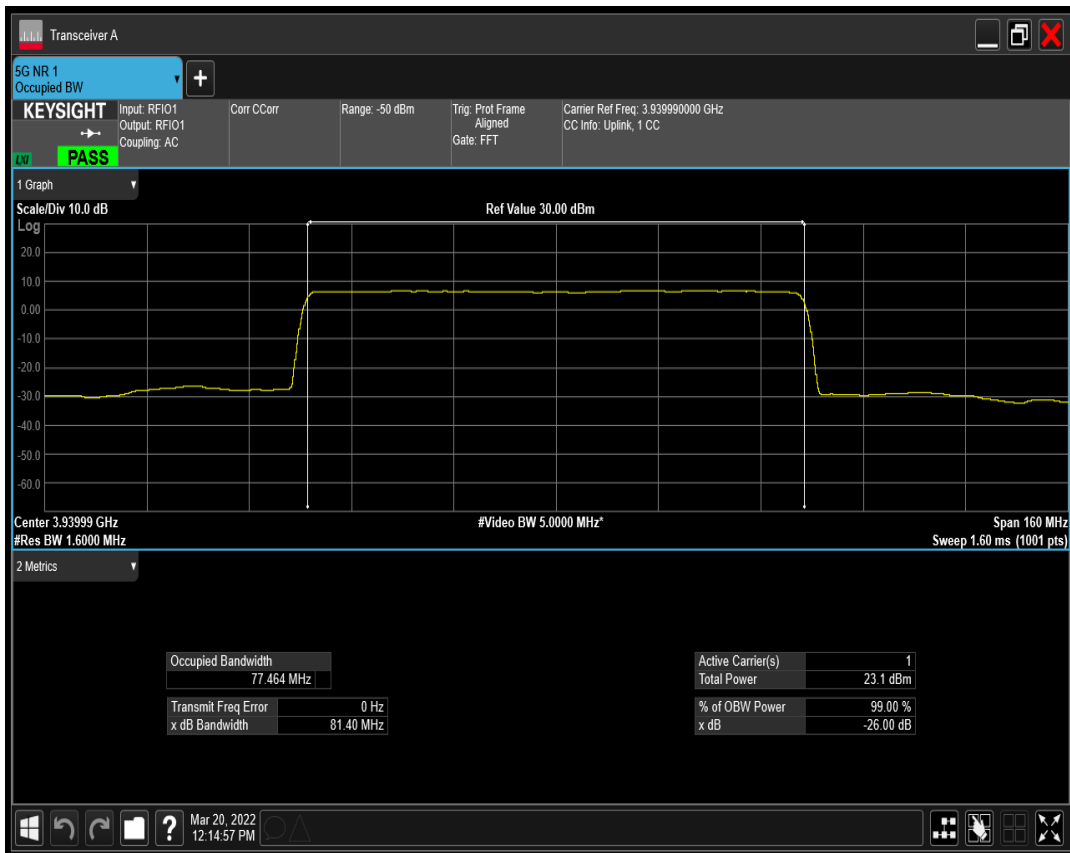
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=662666 RB=216@0



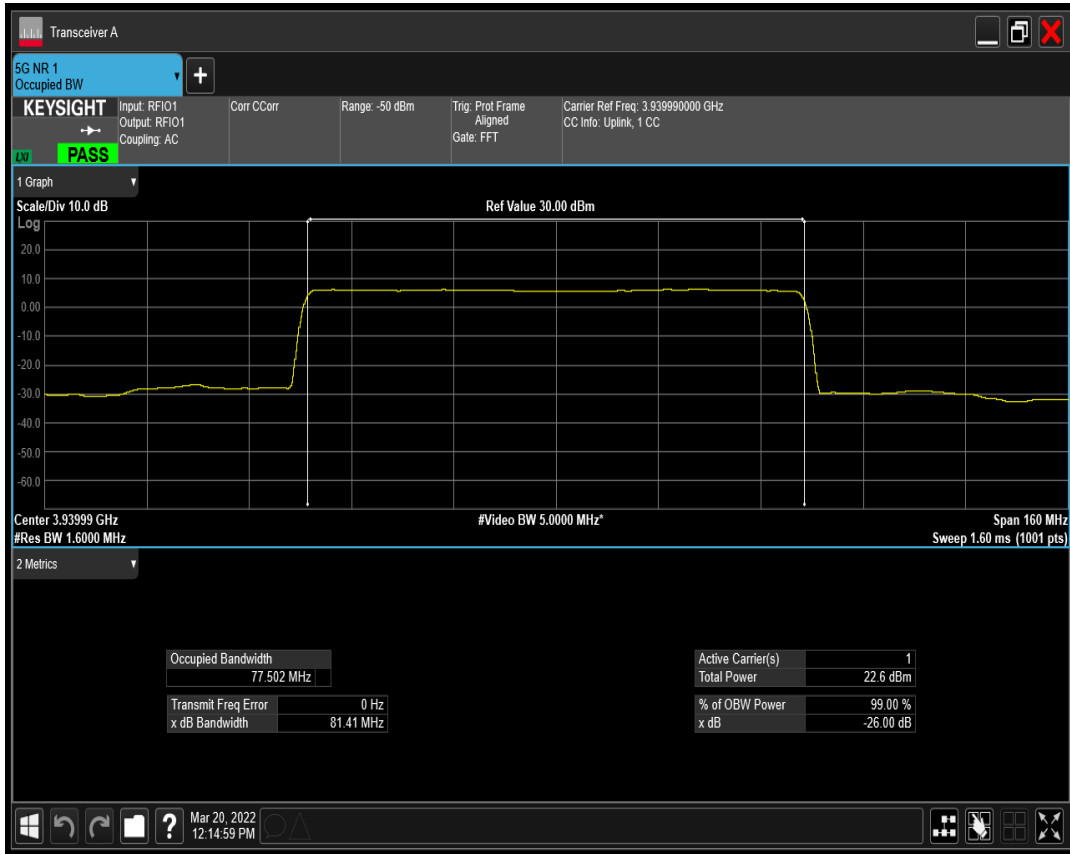
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=662666 RB=216@0



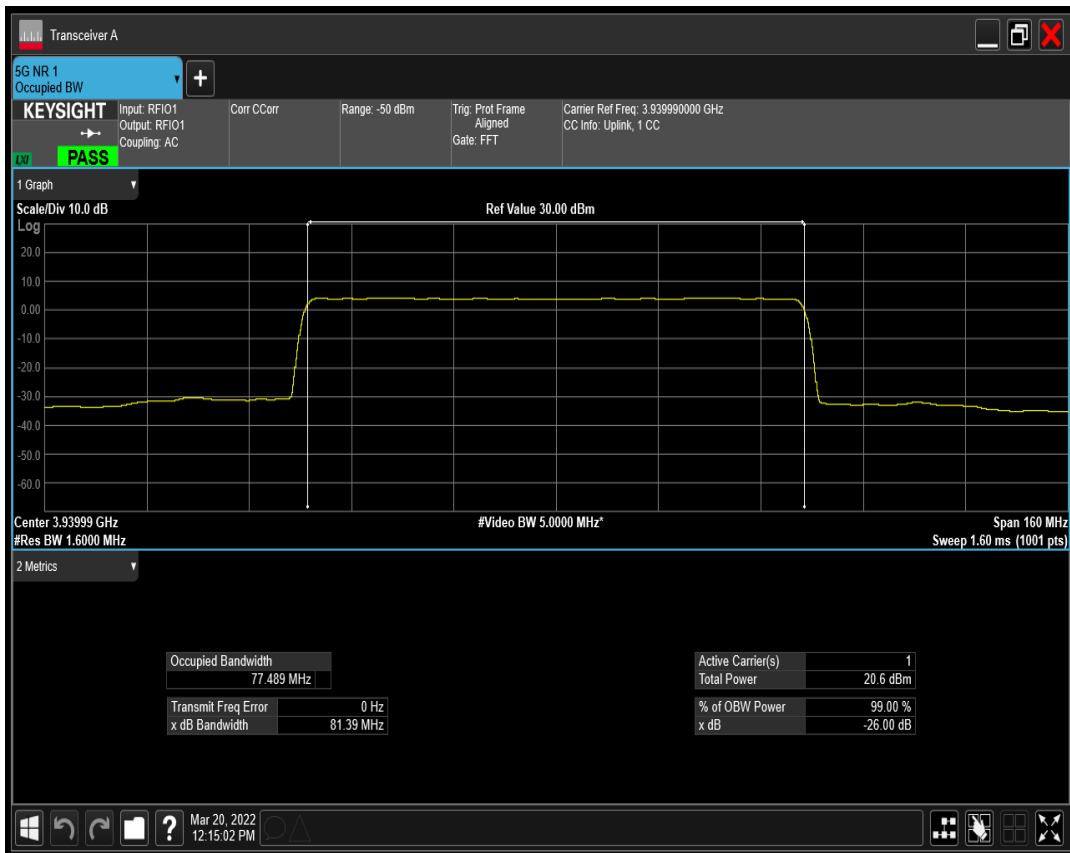
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=662666 RB=216@0



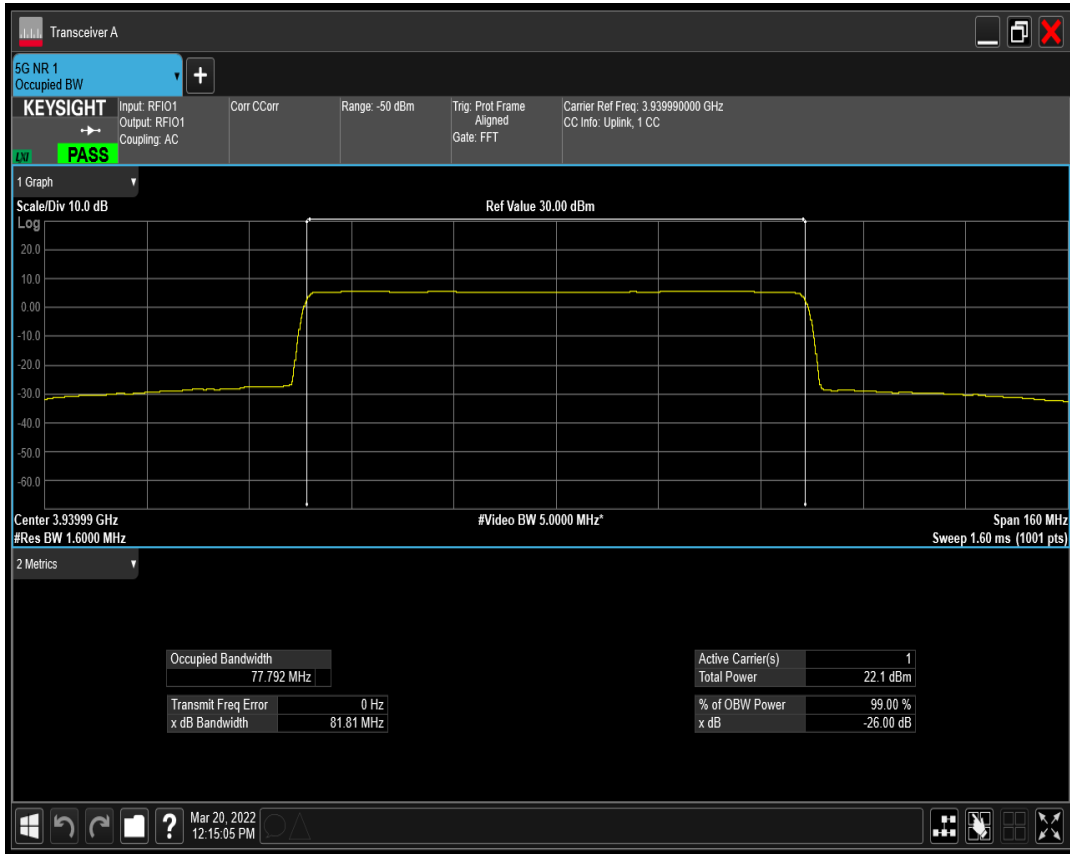
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=662666 RB=216@0



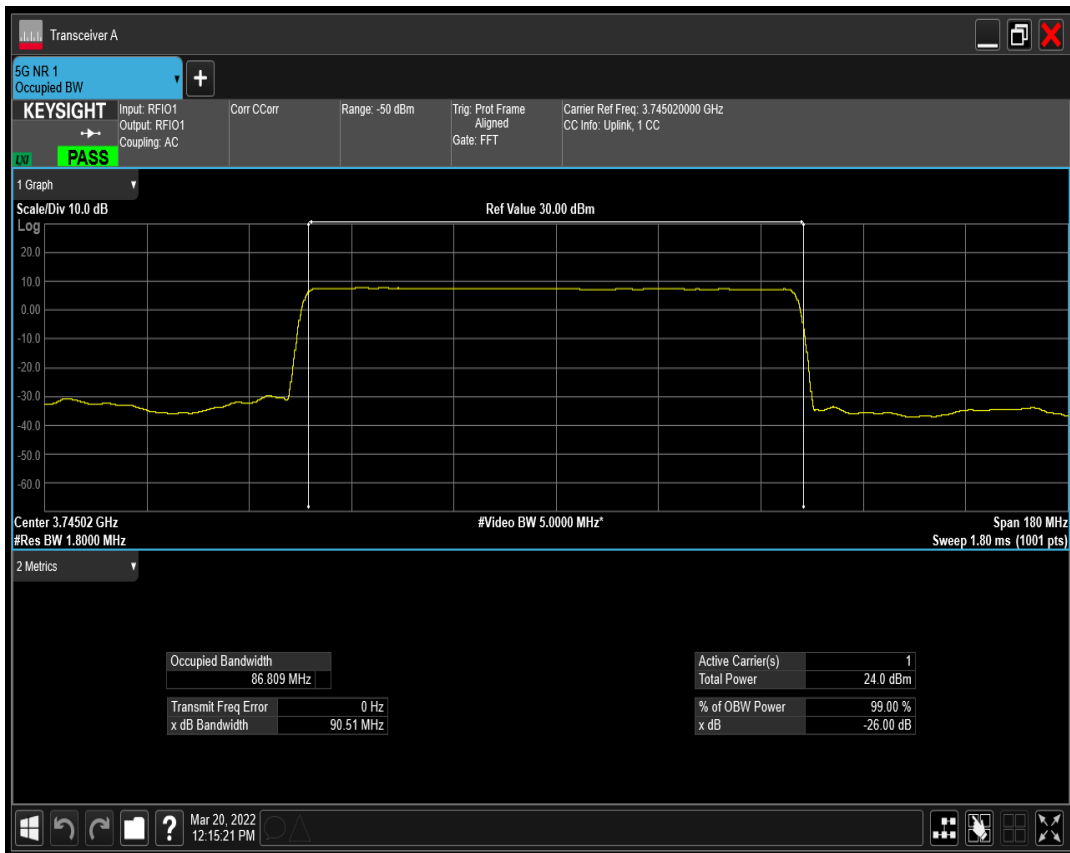
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=662666 RB=216@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=80MHz Channel=662666 RB=217@0



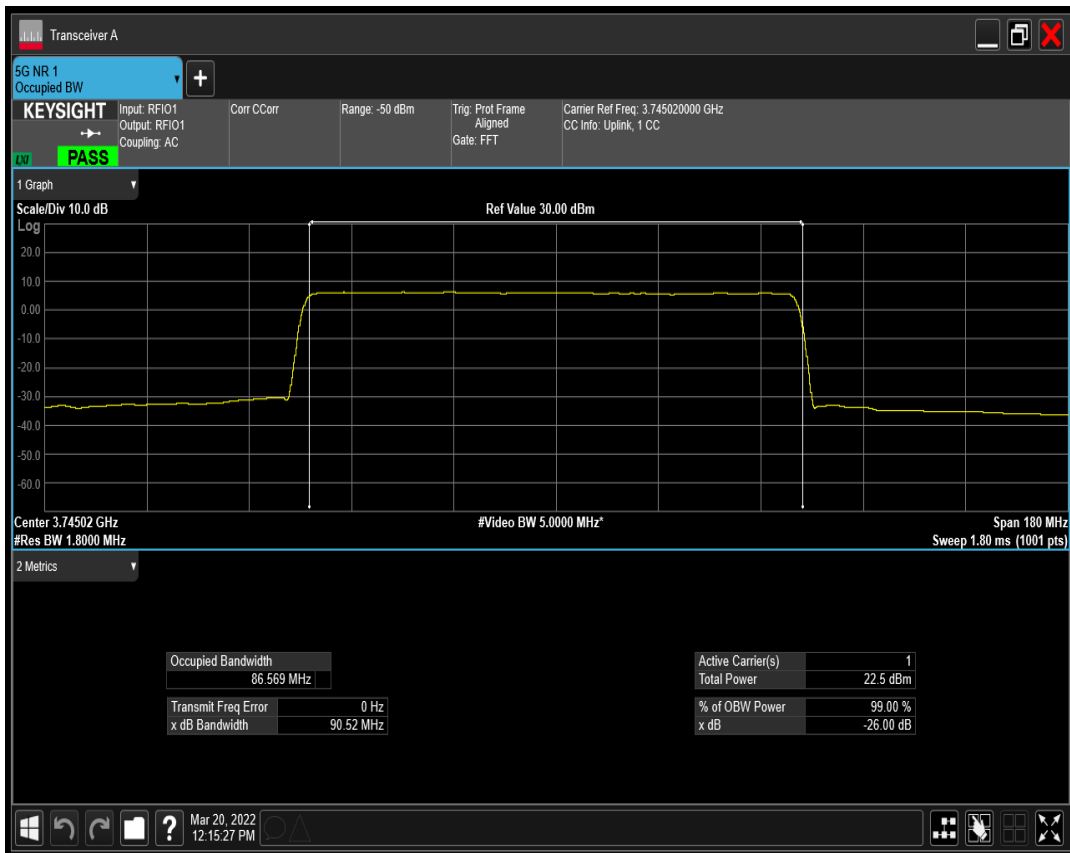
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=649668 RB=240@0



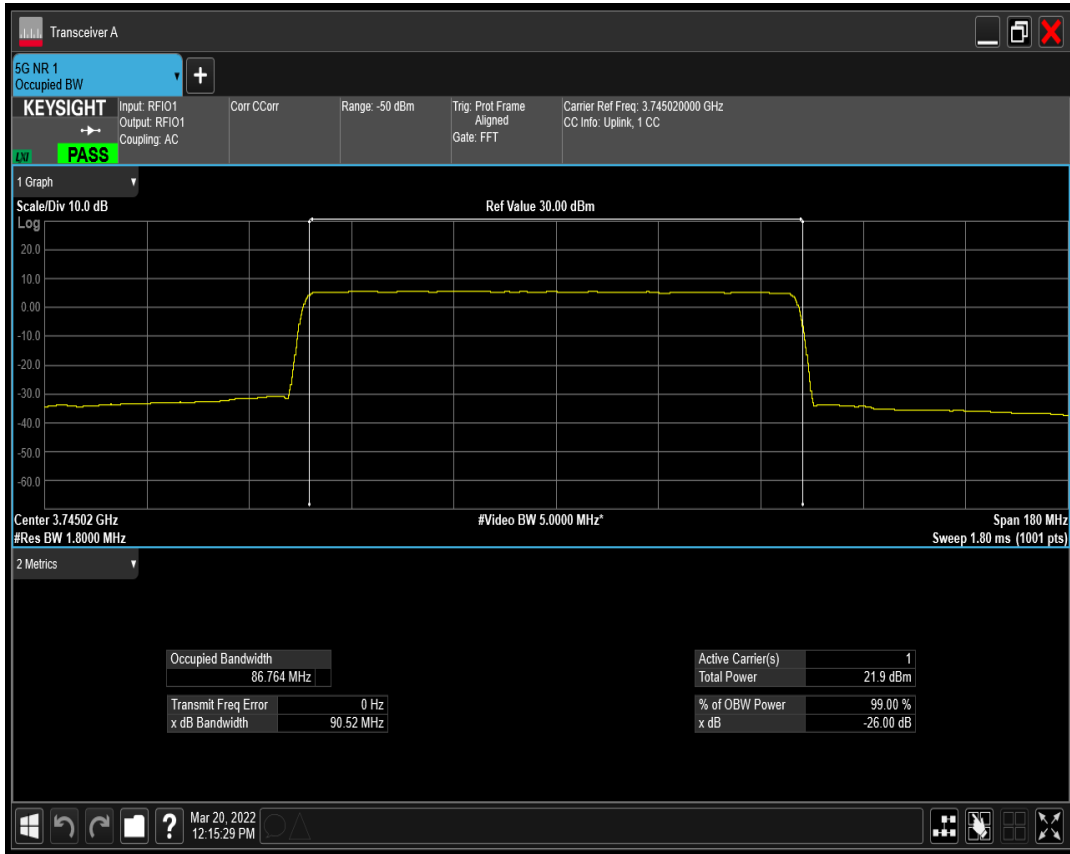
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=649668 RB=240@0



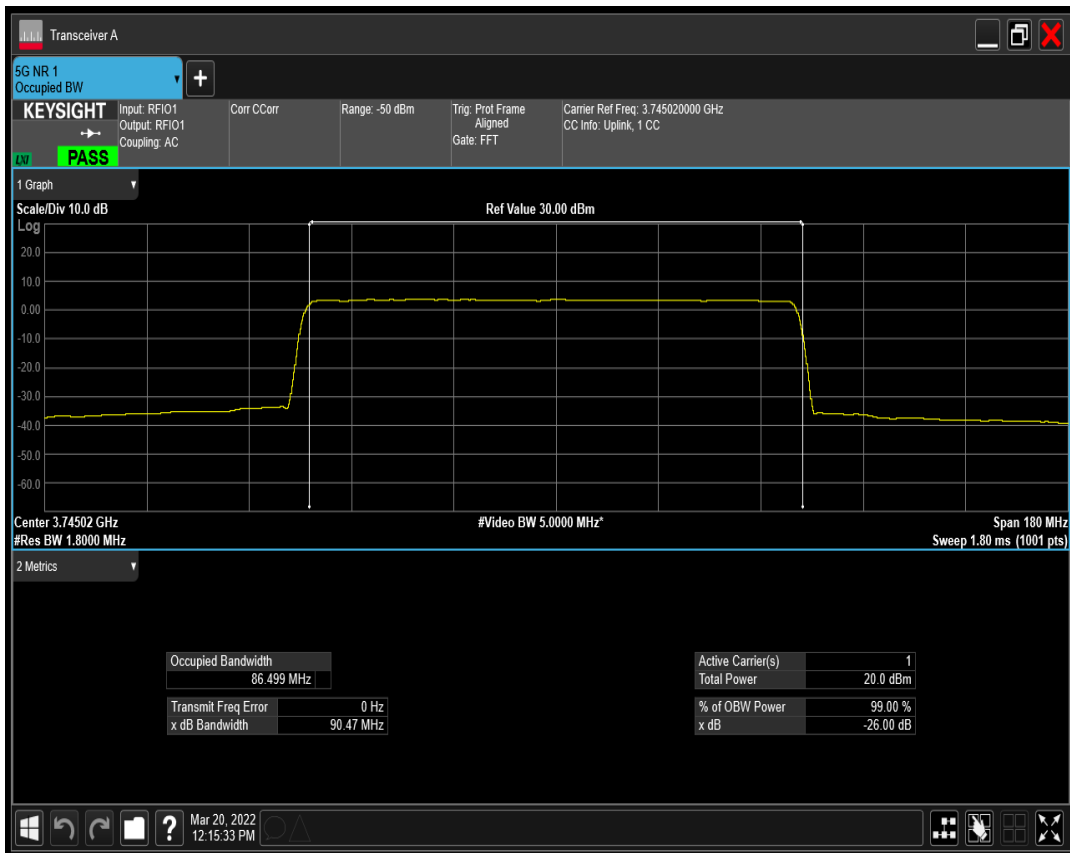
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=649668 RB=240@0



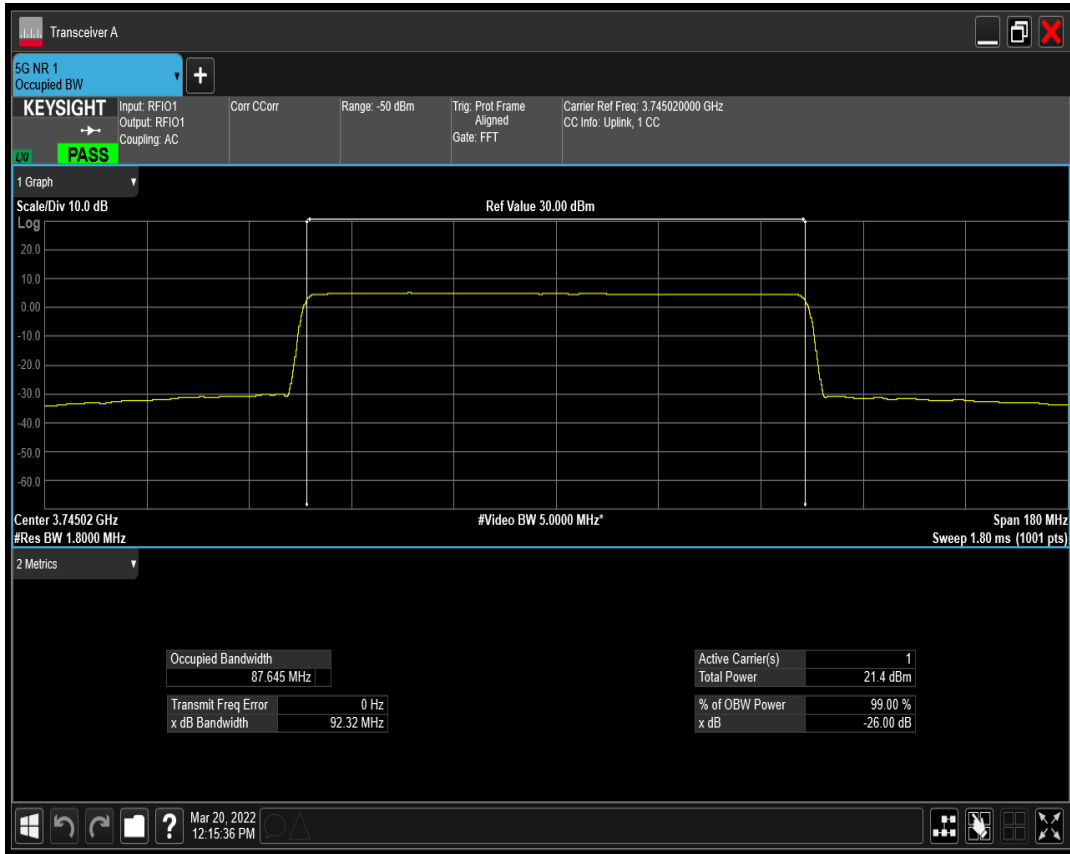
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=649668 RB=240@0



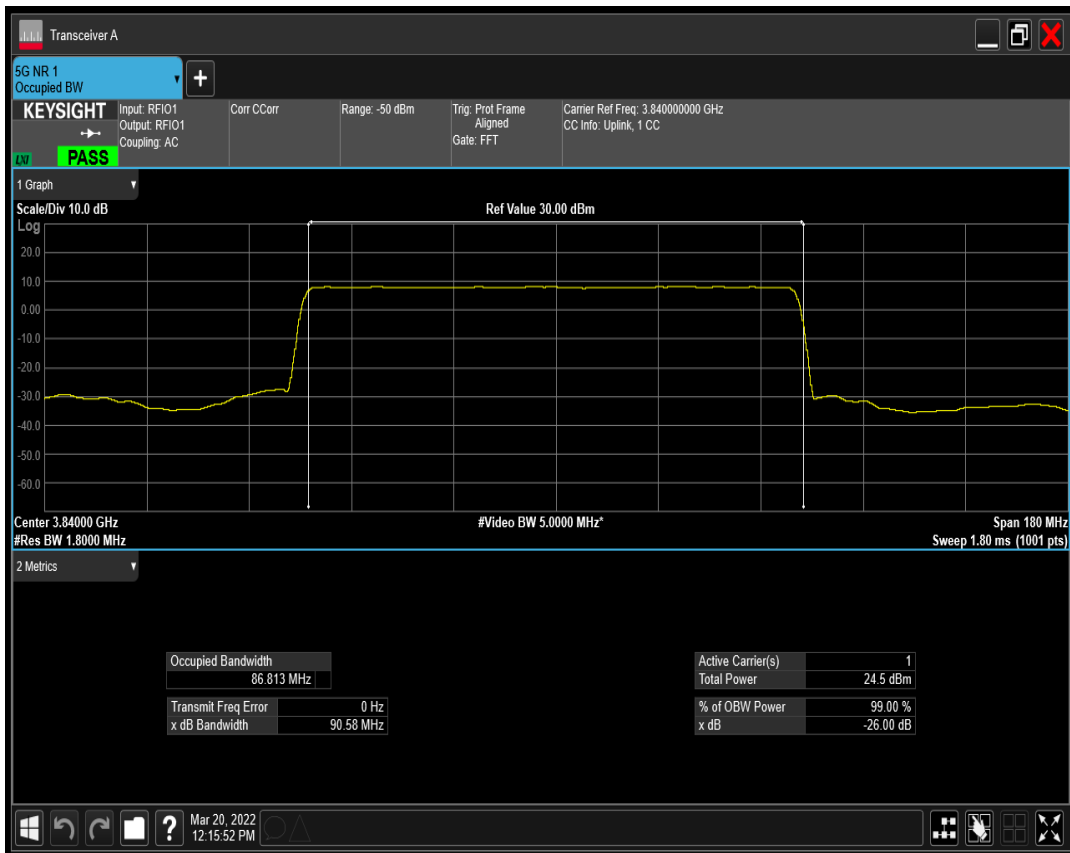
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=649668 RB=240@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=649668 RB=245@0

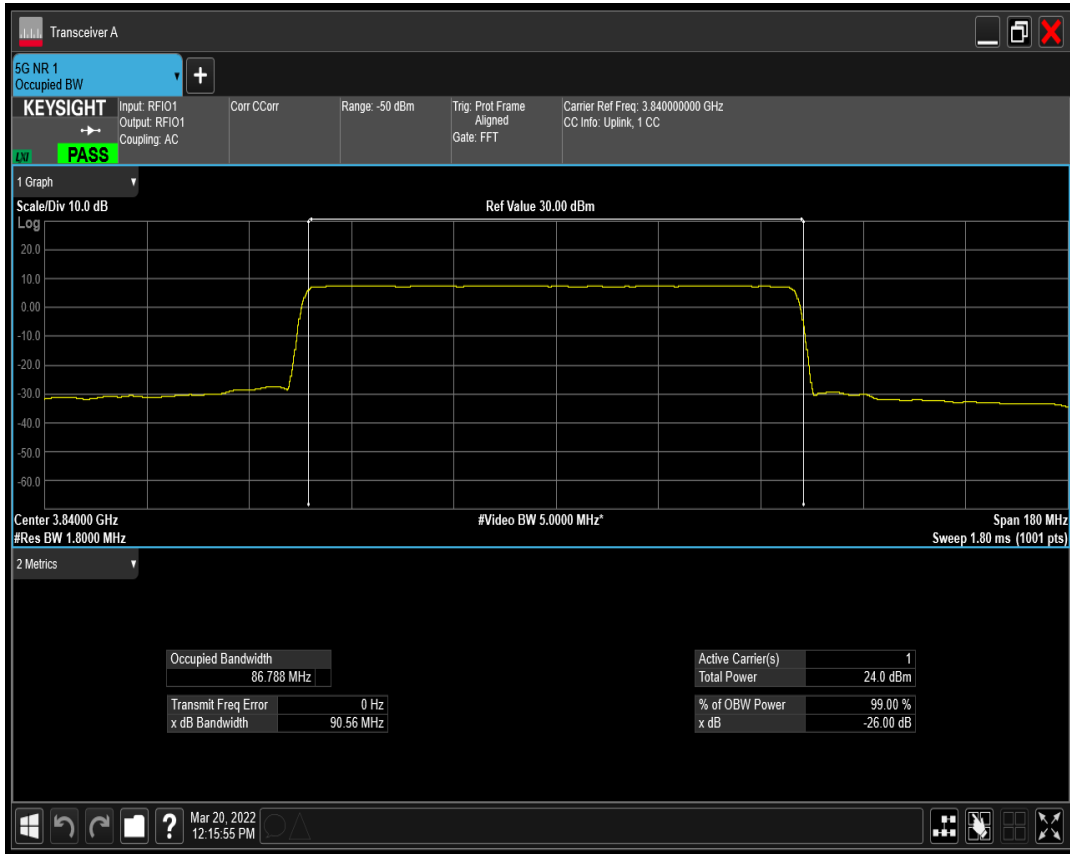


n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=656000 RB=240@0





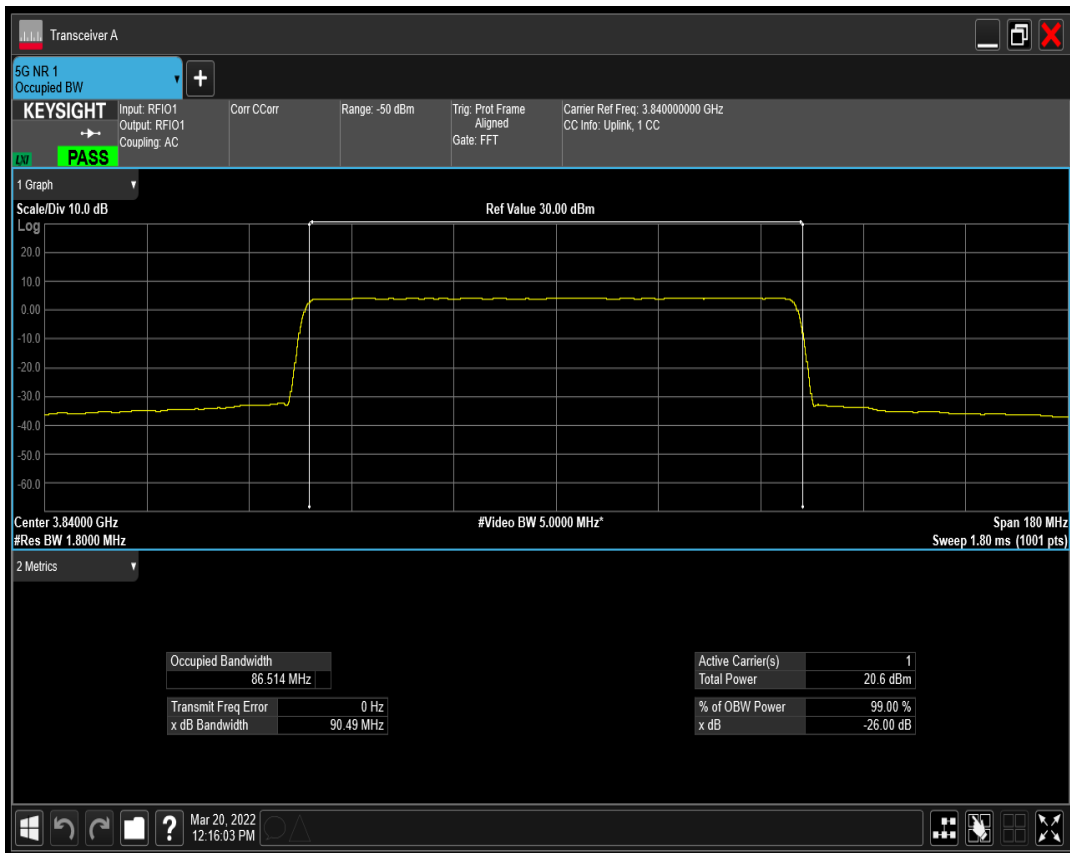
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=656000 RB=240@0



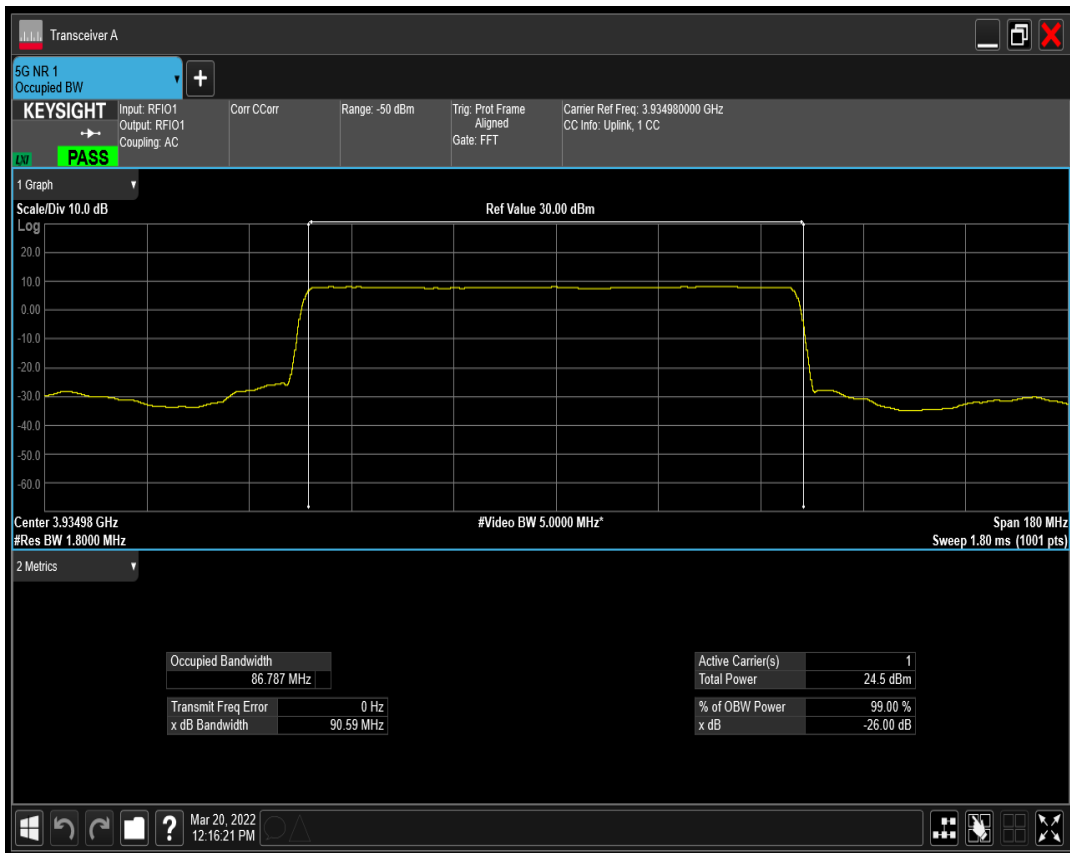
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=656000 RB=240@0



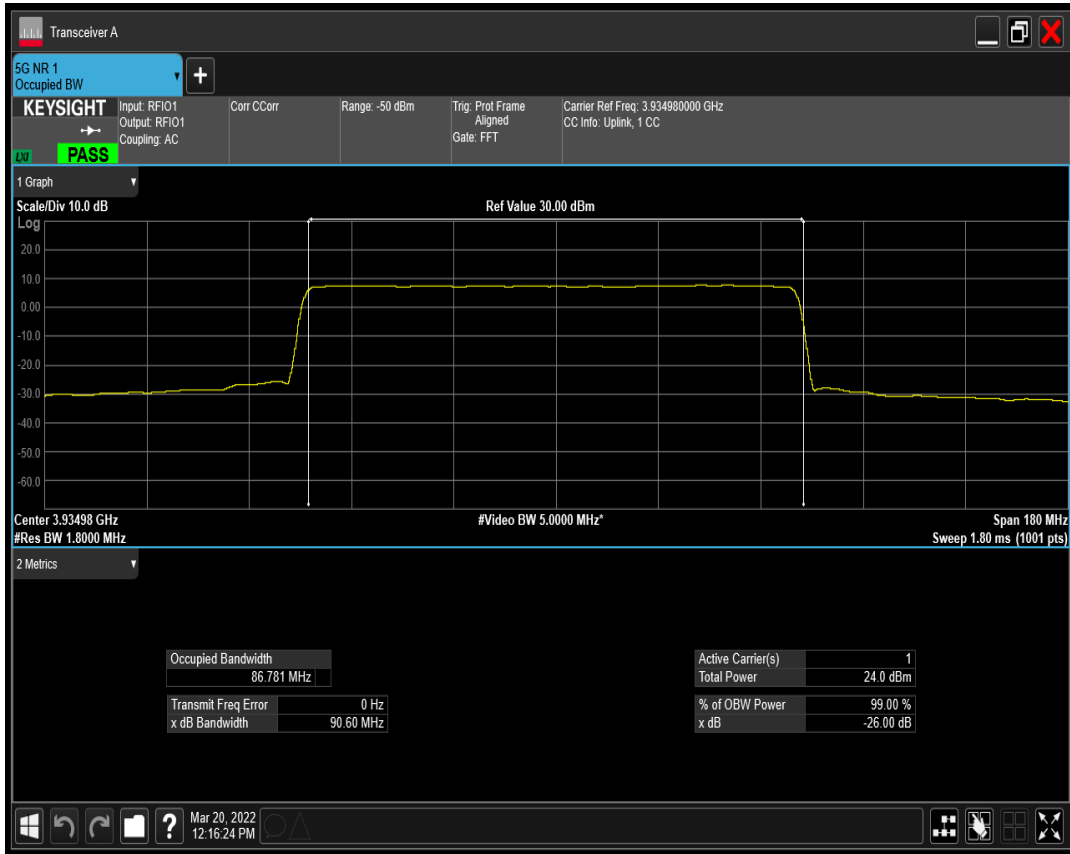
n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=656000 RB=245@0



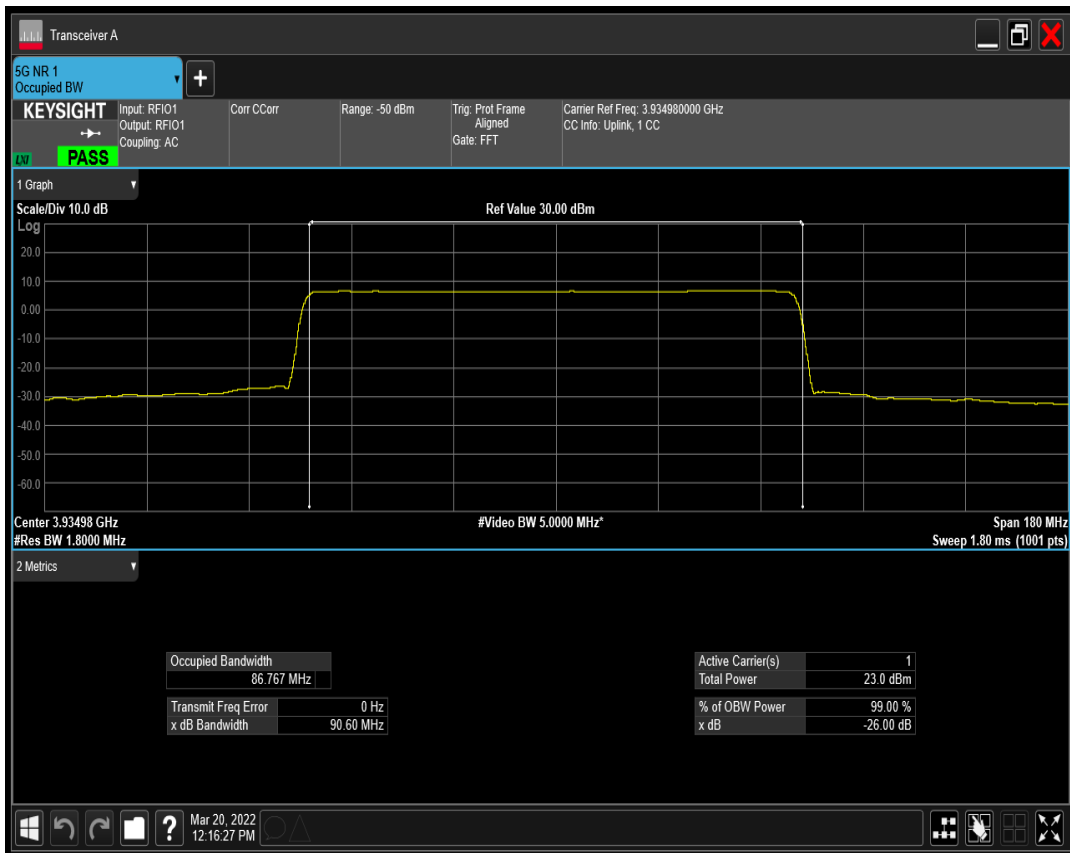
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=662332 RB=240@0



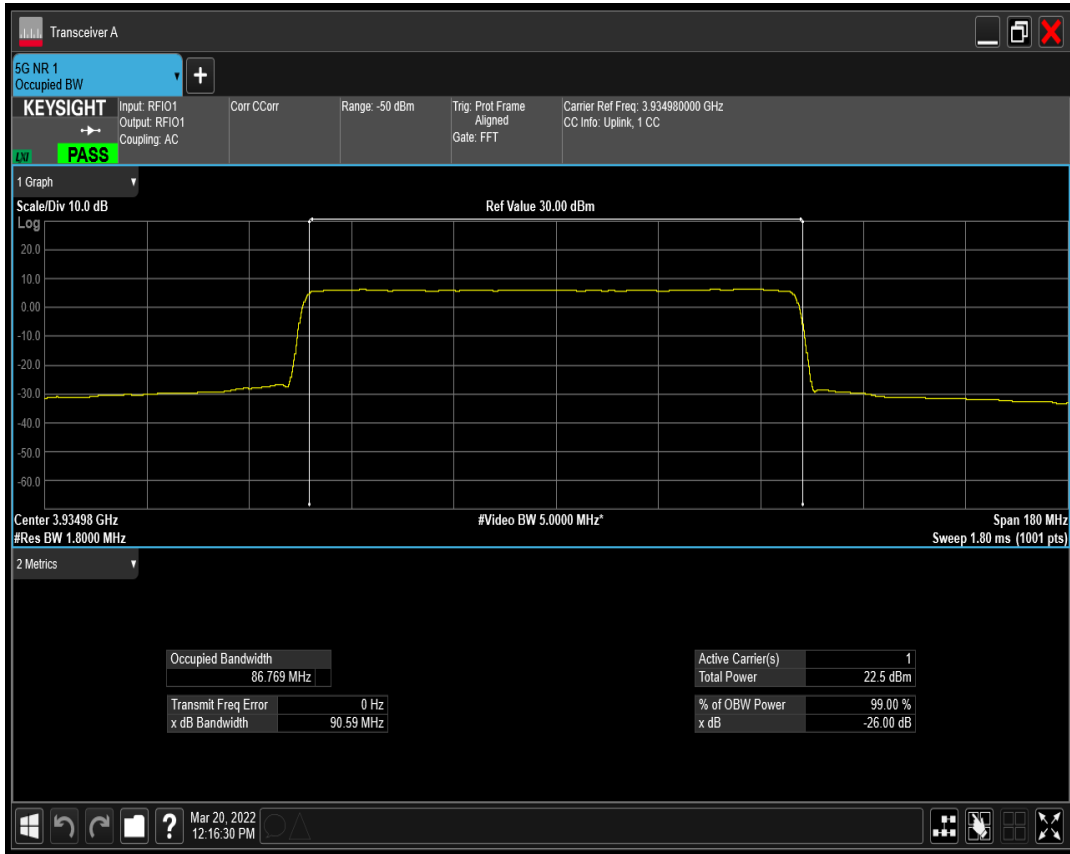
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=662332 RB=240@0



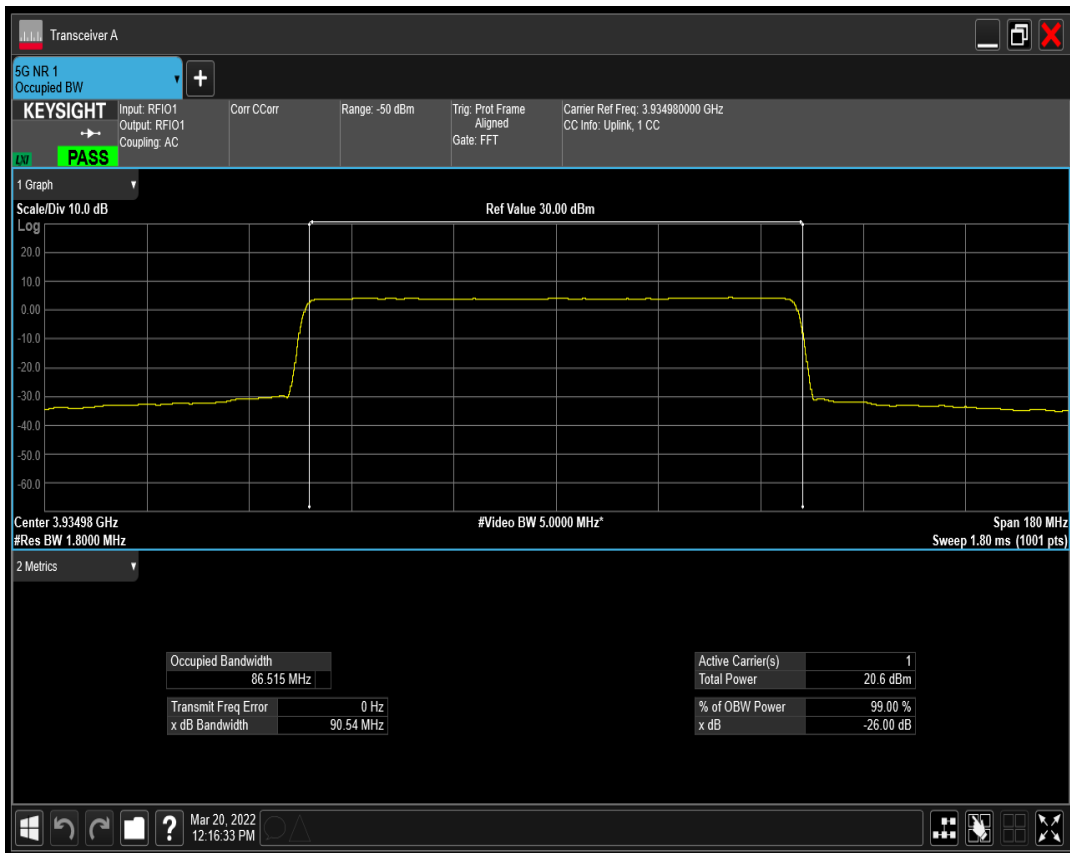
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=662332 RB=240@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=662332 RB=240@0



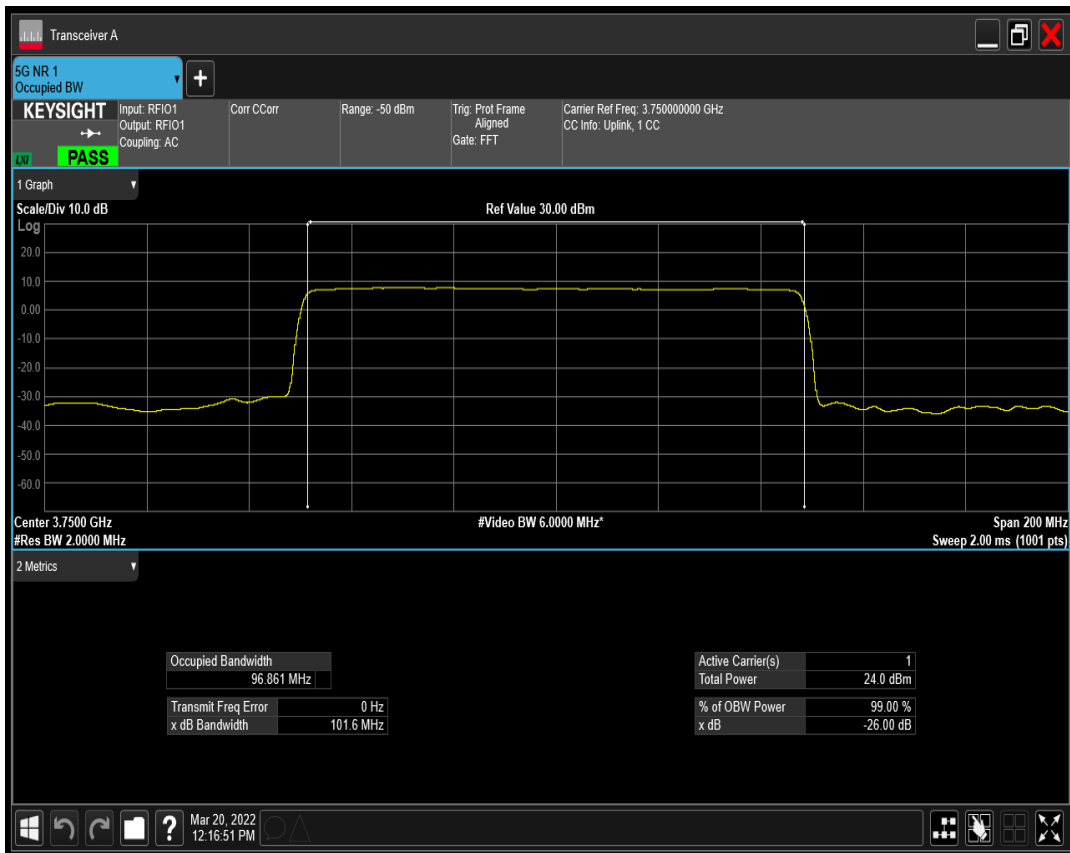
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=662332 RB=240@0



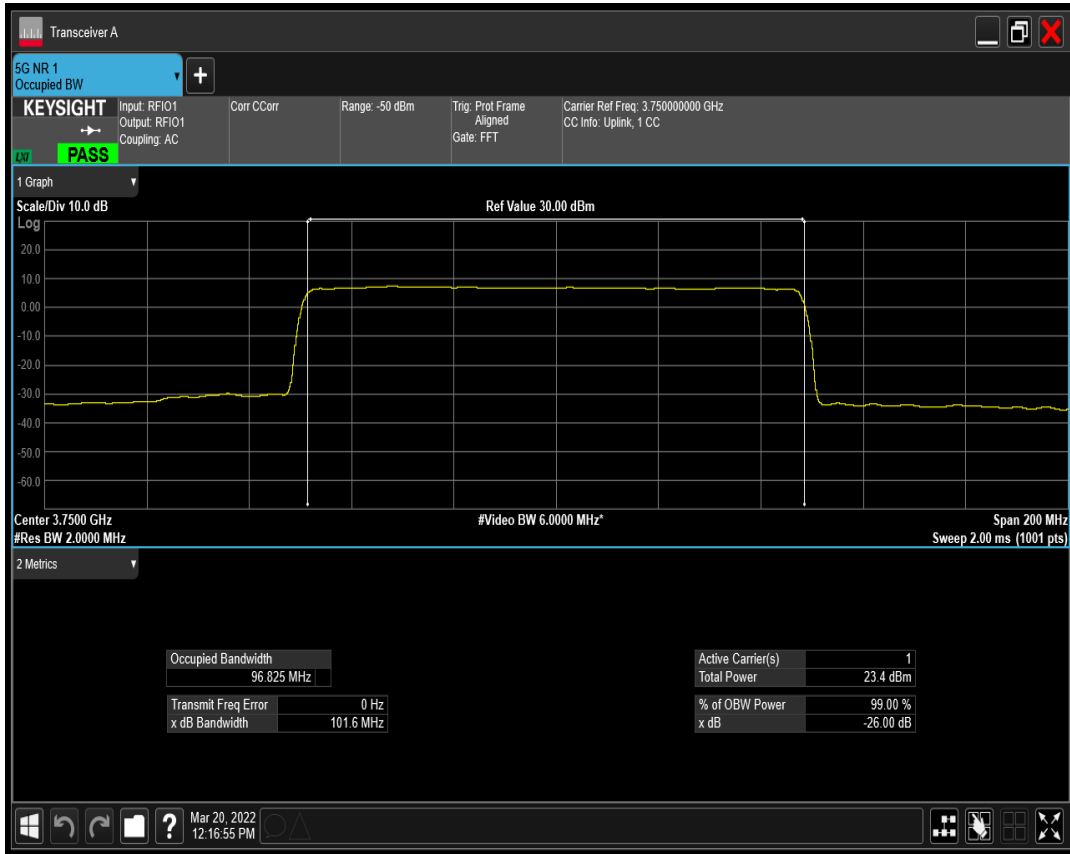
n77(3700-3980) SCS=30kHz CP\_QPSK BW=90MHz Channel=662332 RB=245@0



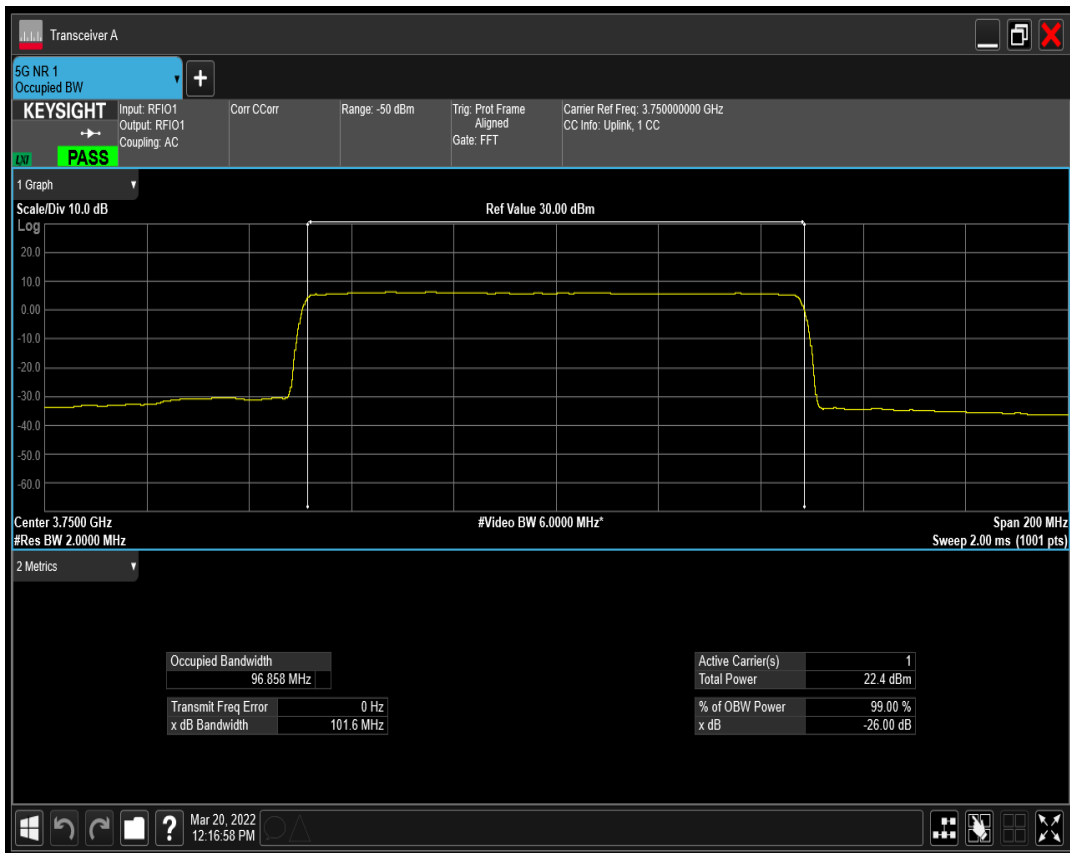
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=650000 RB=270@0



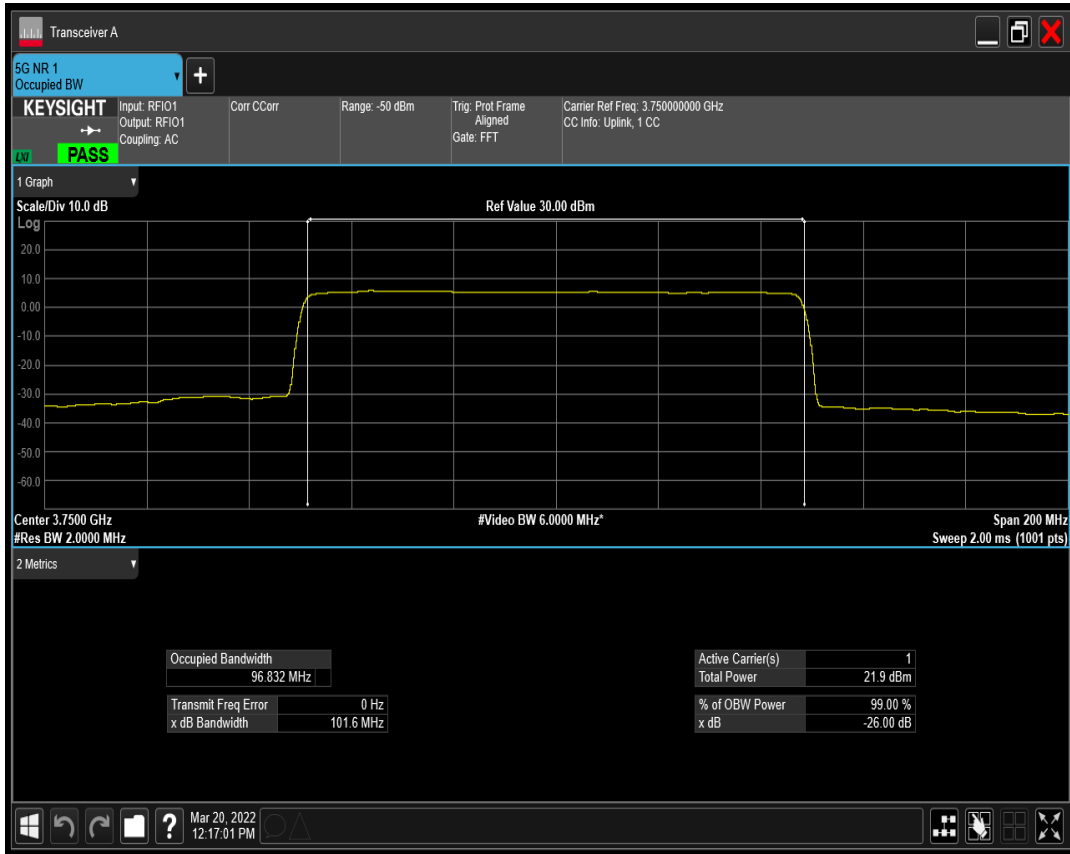
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



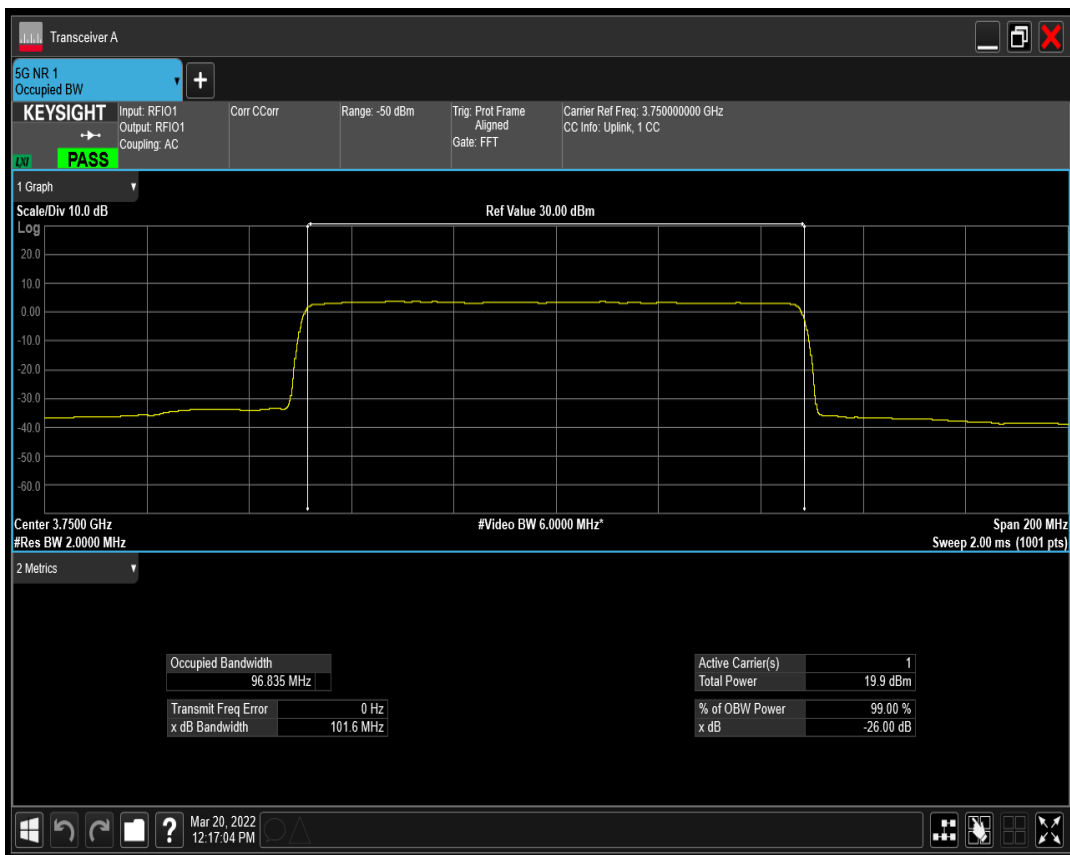
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=650000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=650000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=650000 RB=270@0

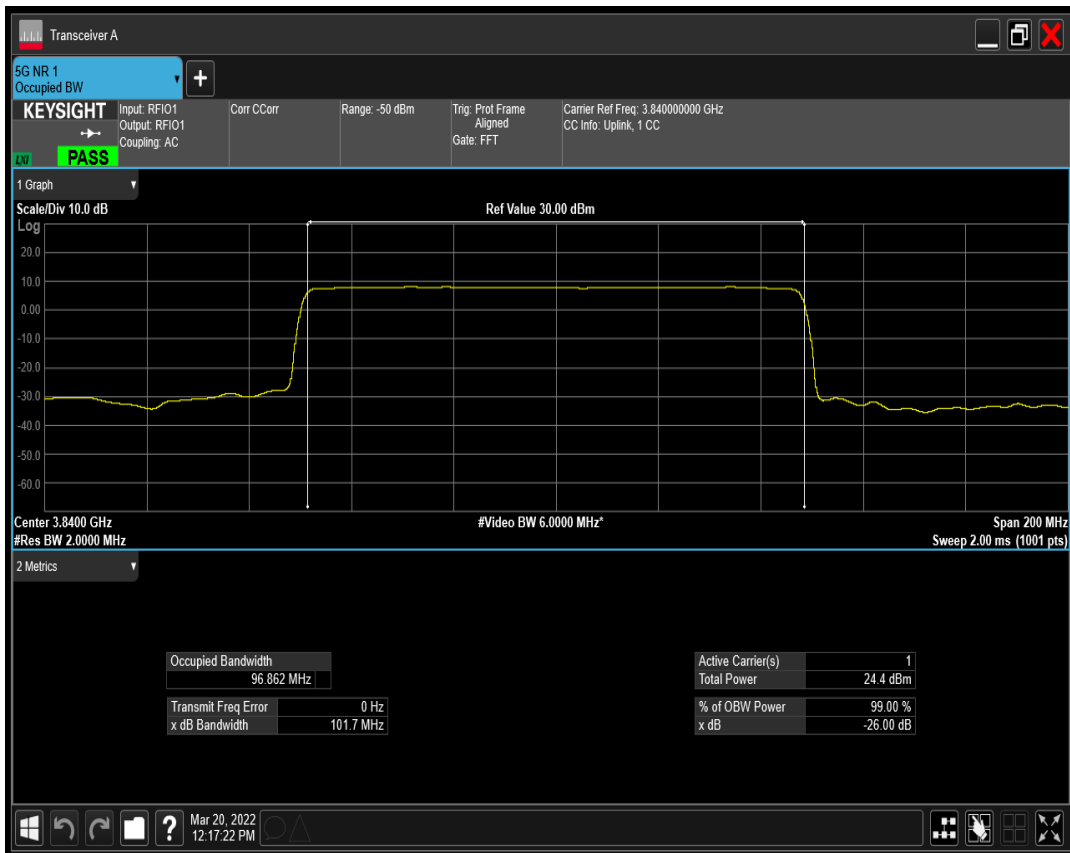


n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0

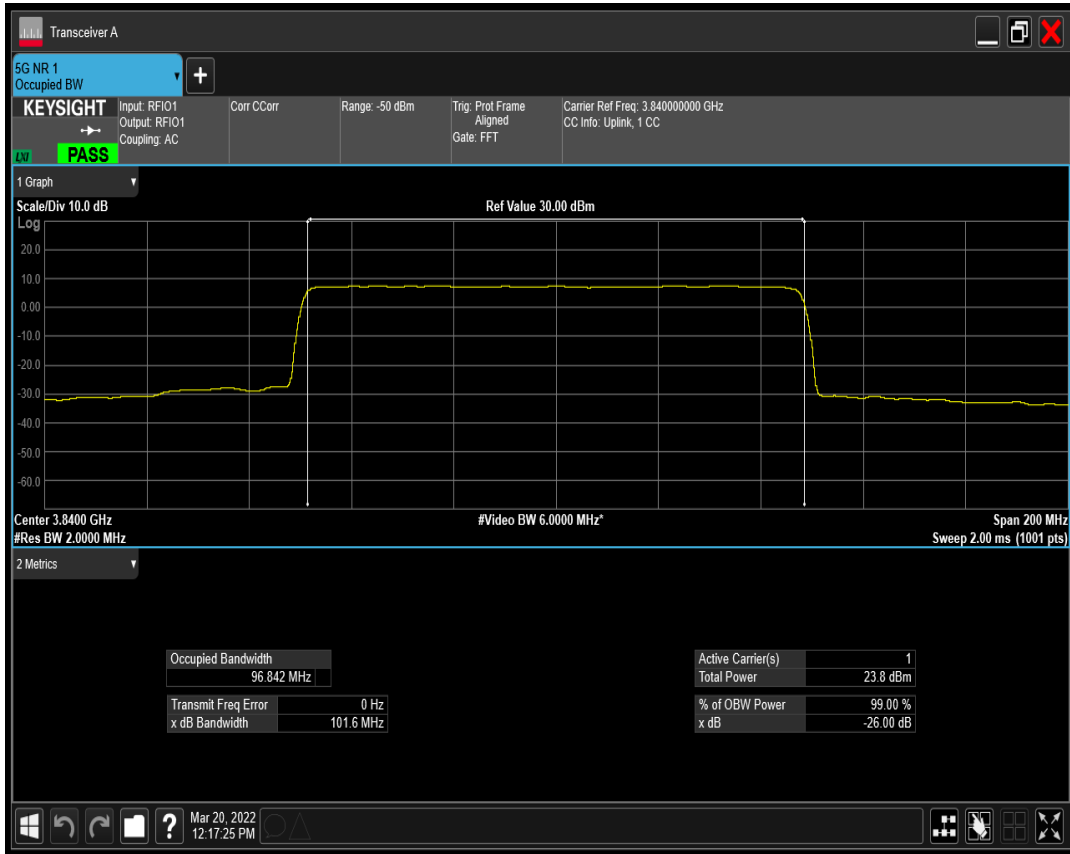




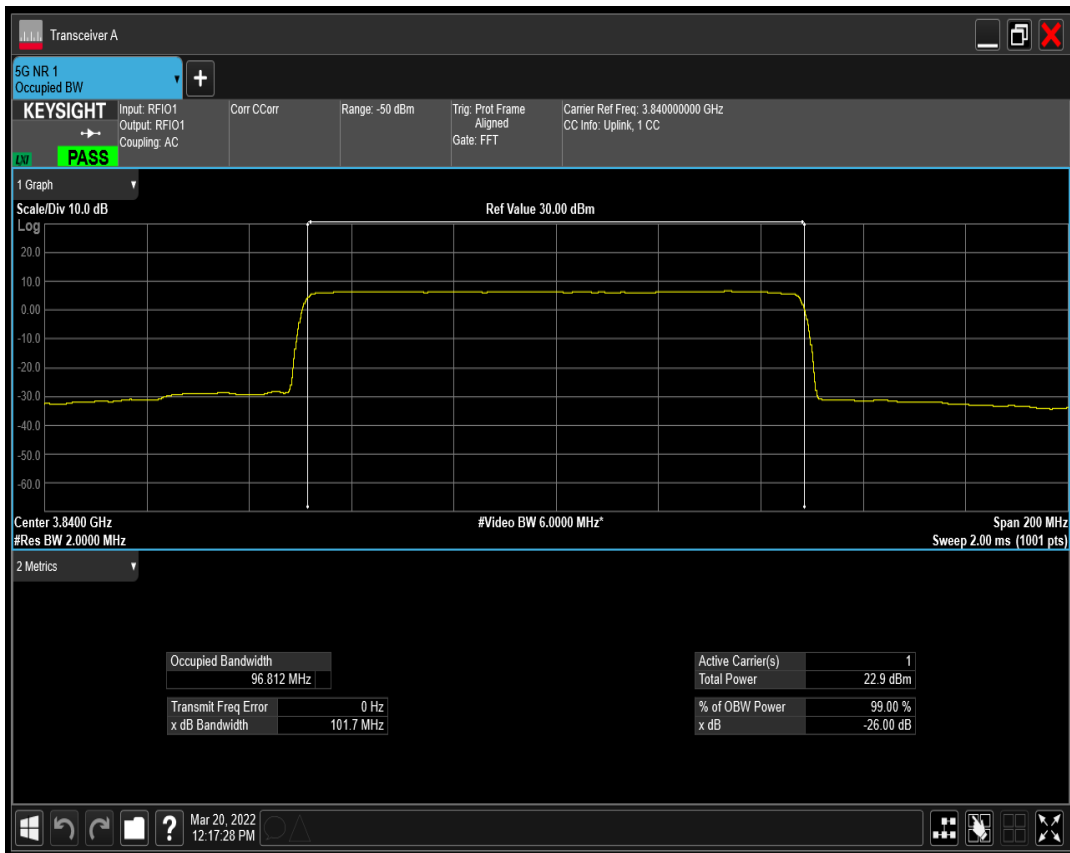
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=656000 RB=270@0



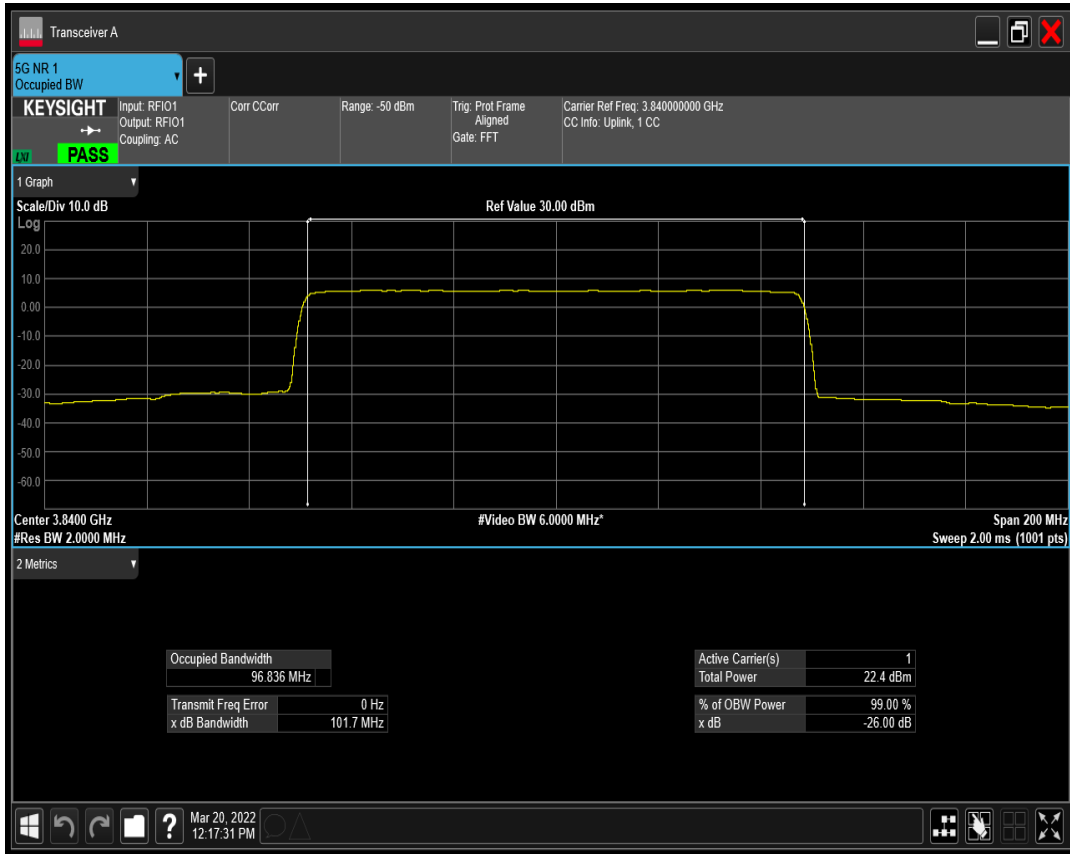
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



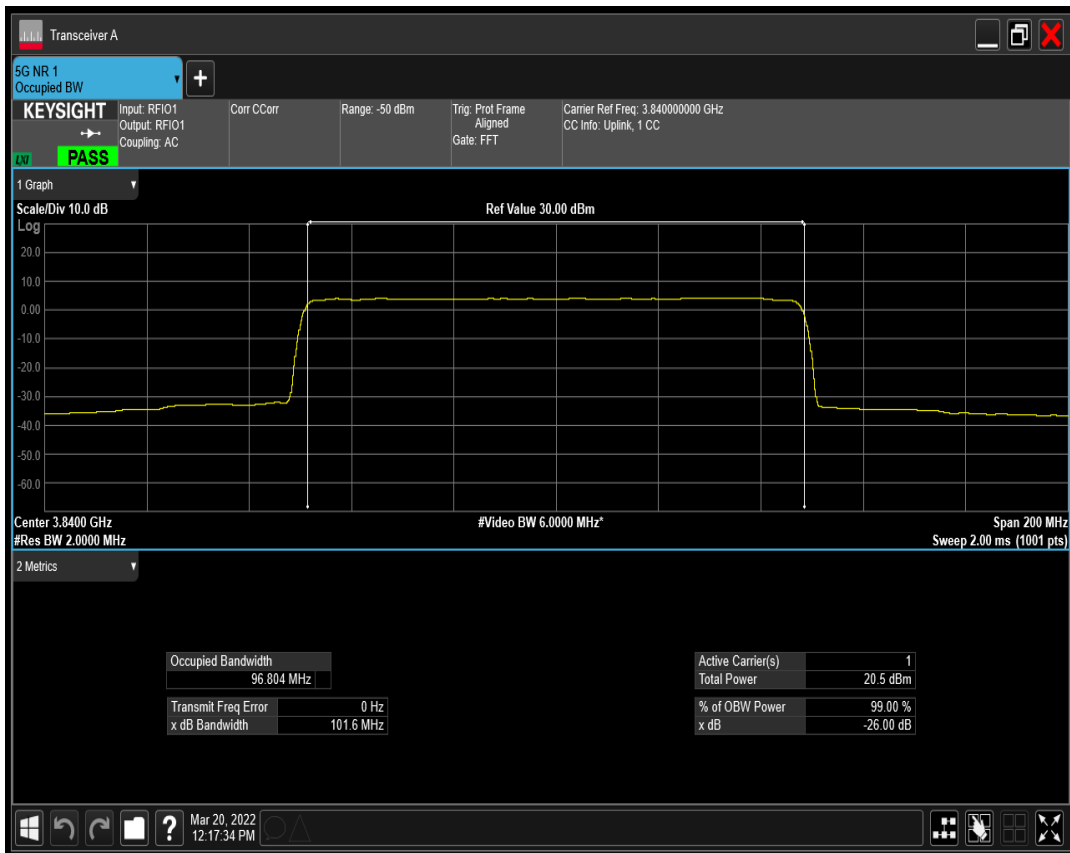
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=656000 RB=270@0



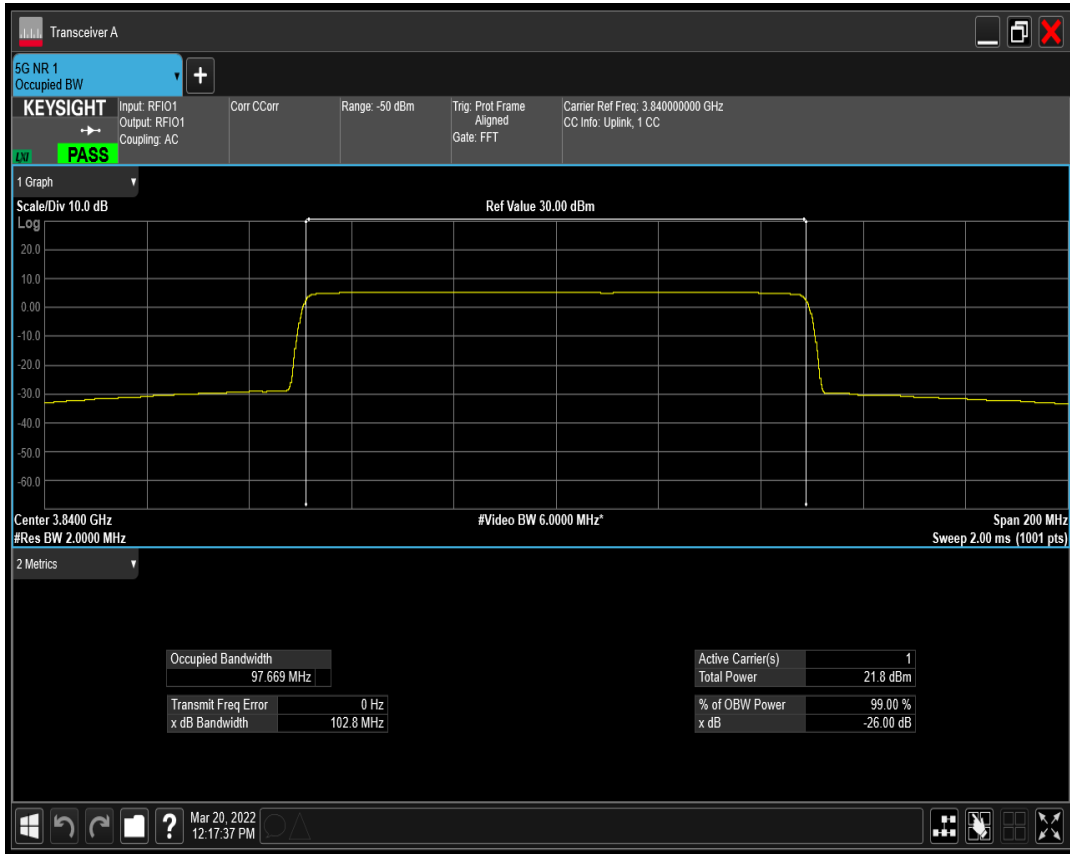
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=656000 RB=270@0



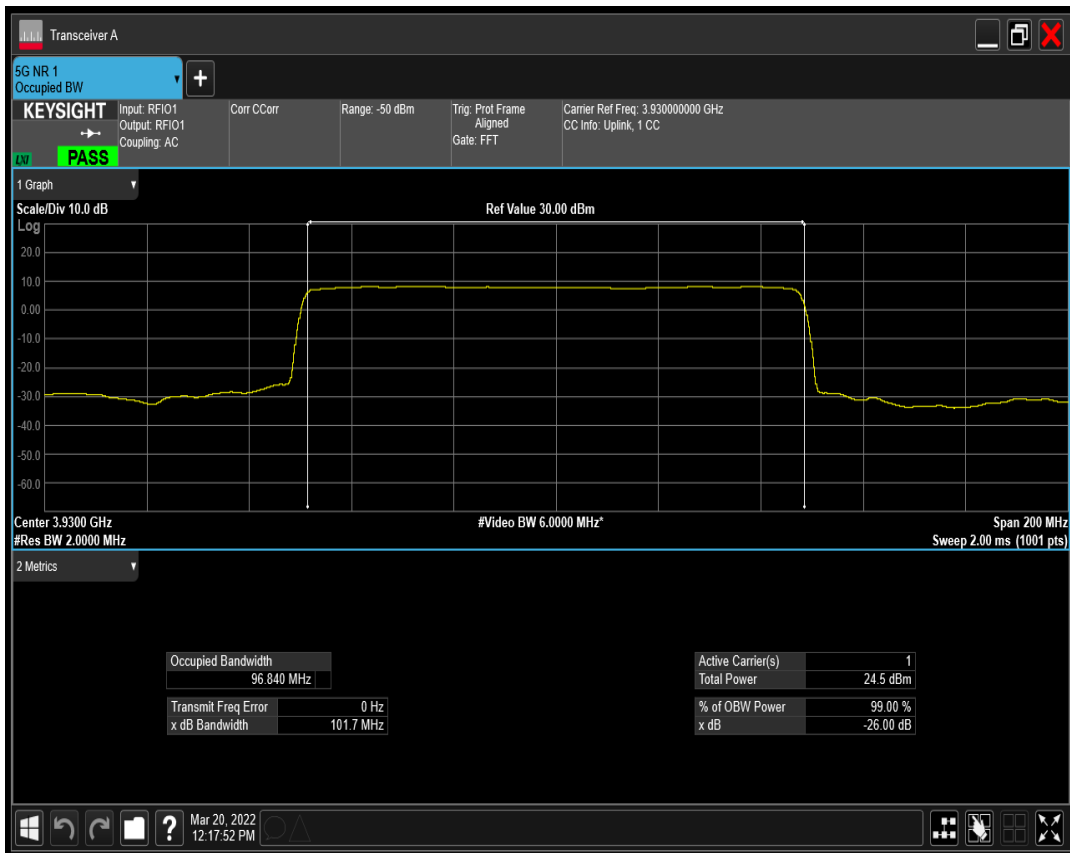
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=656000 RB=270@0



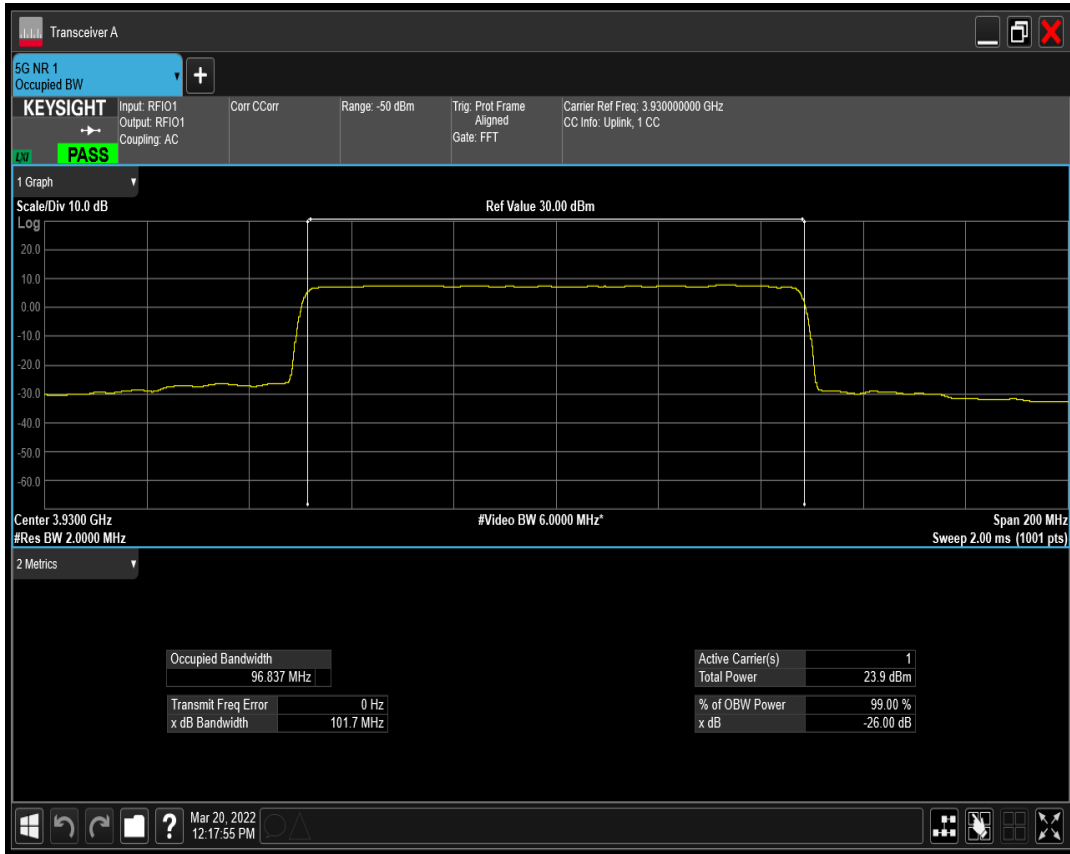
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=656000 RB=273@0



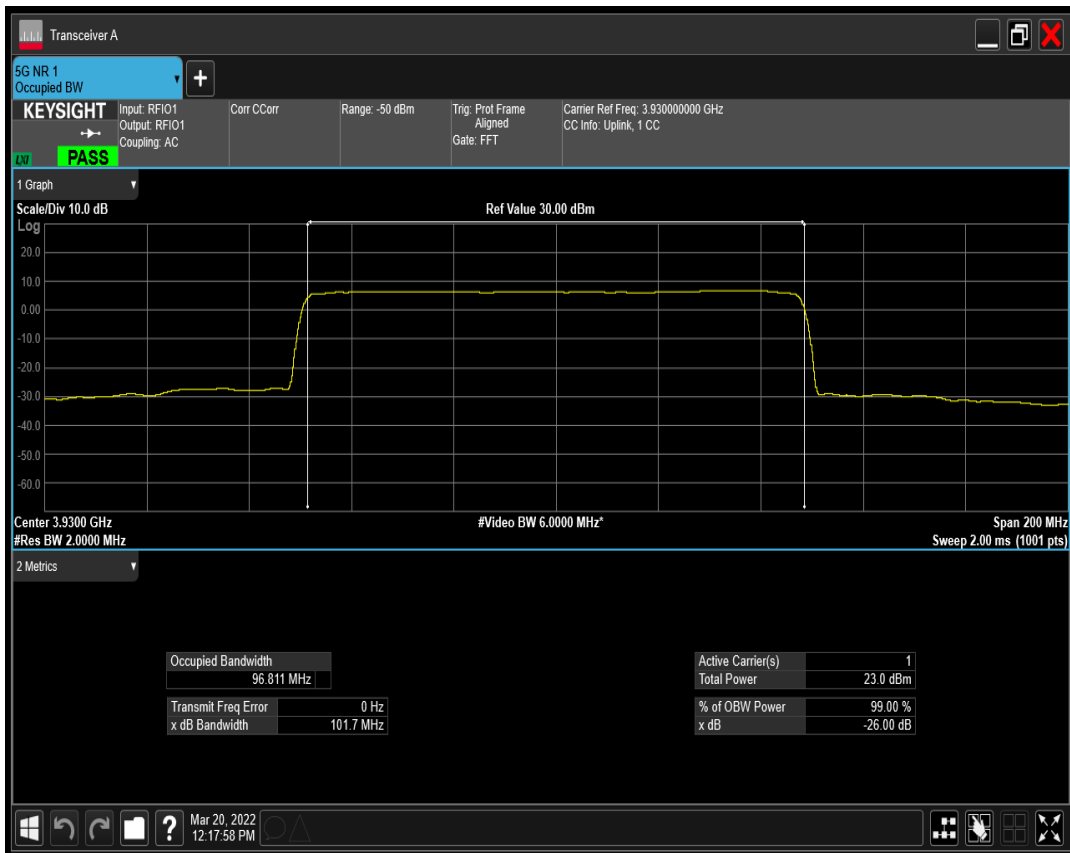
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=662000 RB=270@0



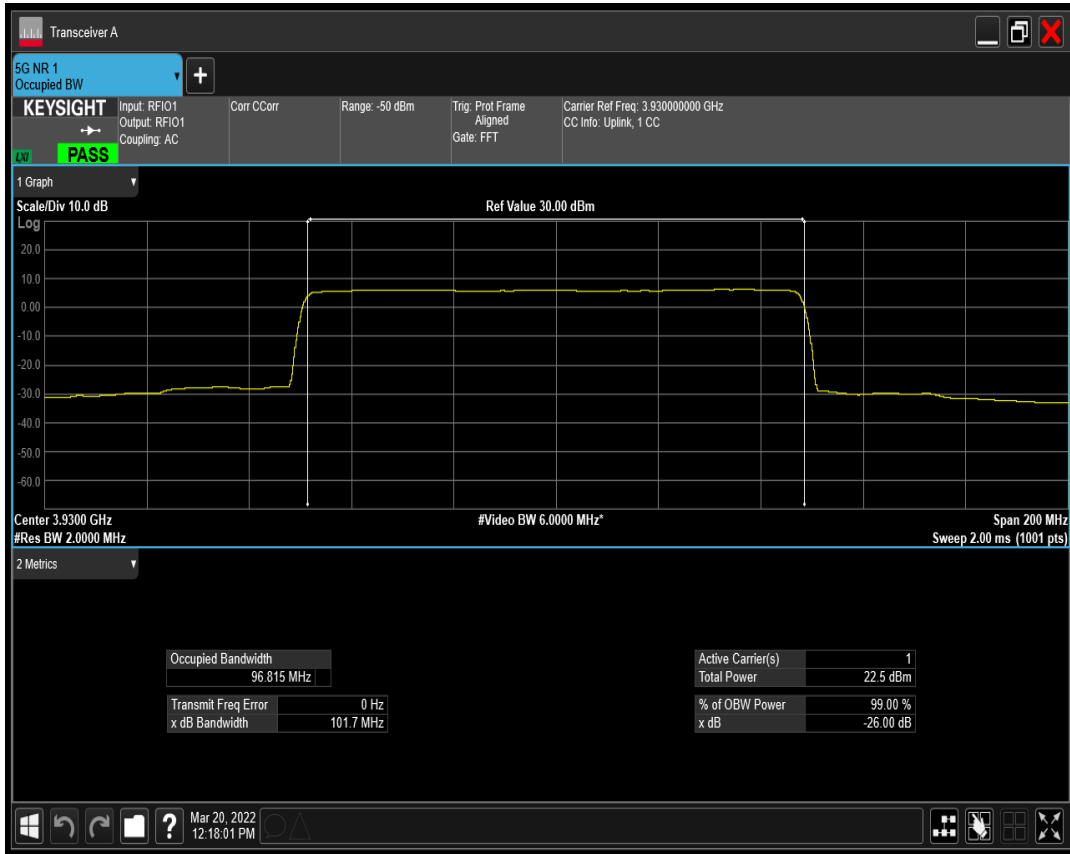
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



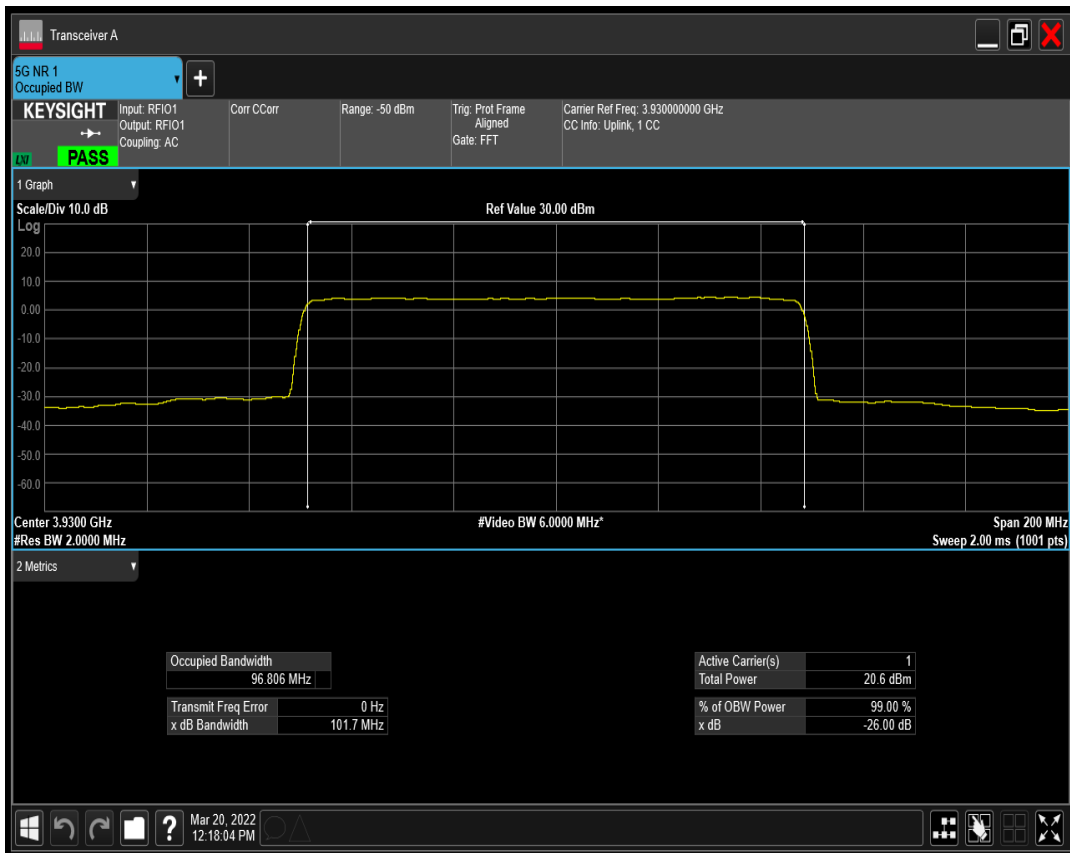
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=662000 RB=270@0



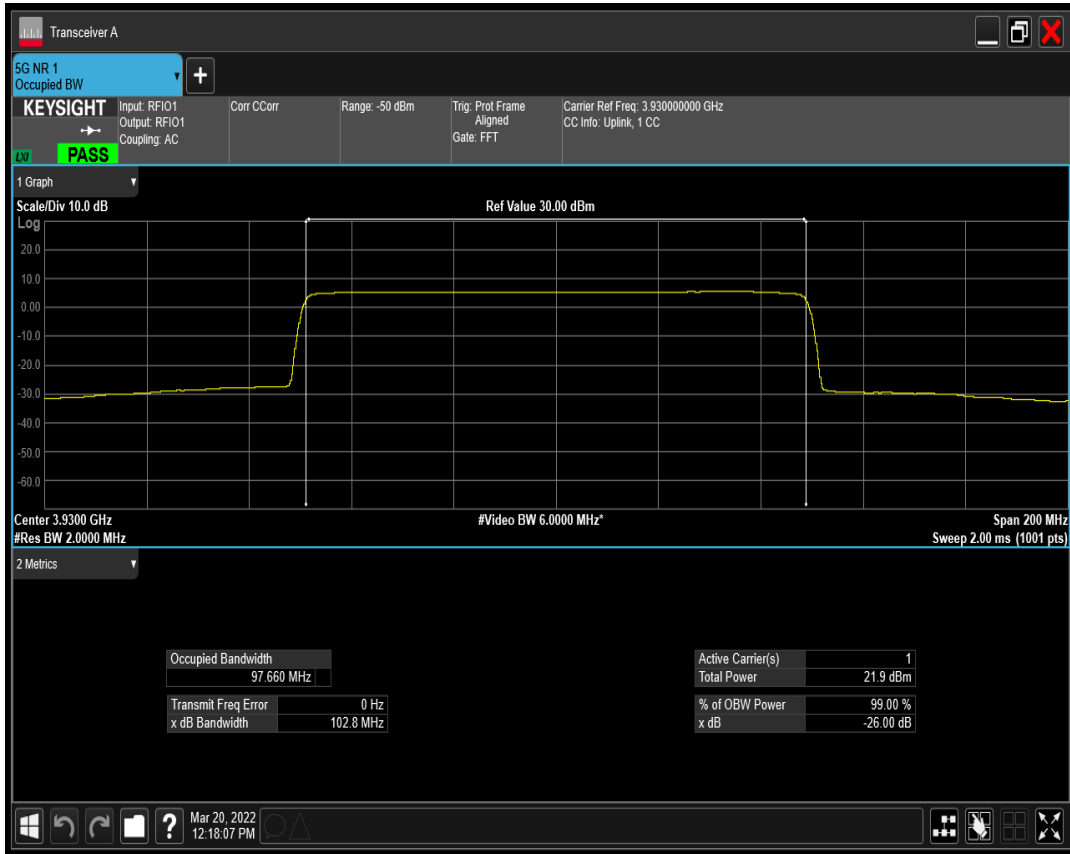
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=662000 RB=270@0



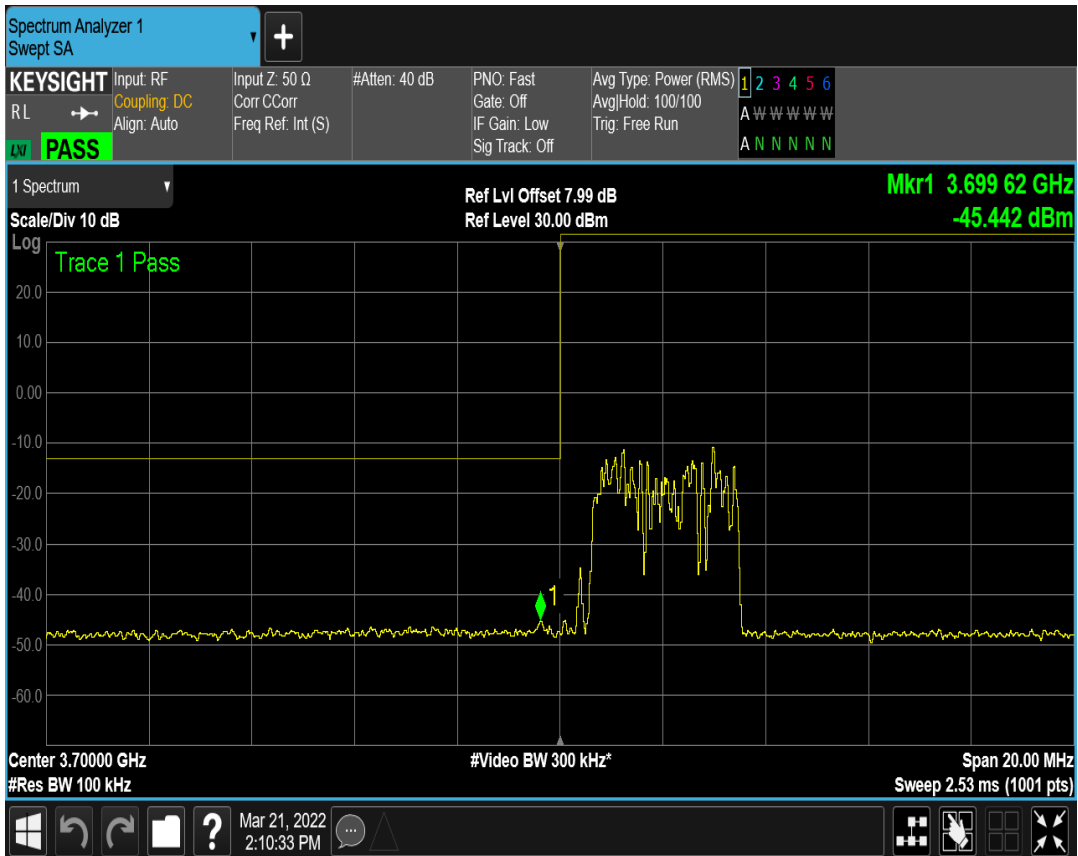
n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0



### 5 Band edge for NR FR1

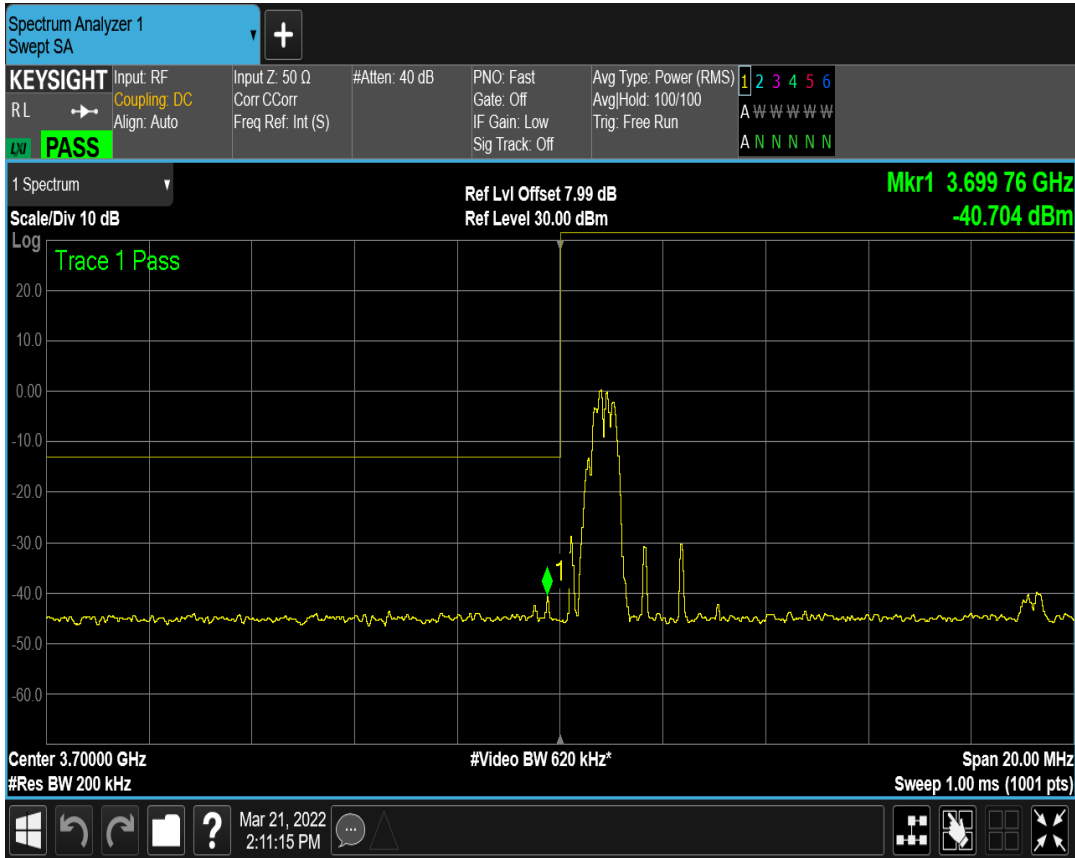
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	3699.62	-45.44	-13	PASS
n77(3700-3980)	30	10	647000	1@0	DFT_QPSK	3699.76	-40.70	-13	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	3980.88	-44.27	-13	PASS
n77(3700-3980)	30	10	665000	1@23	DFT_QPSK	3989.78	-44.96	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	3700.00	-31.74	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	3700.00	-31.63	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	3980.60	-38.69	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	3980.20	-40.74	-13	PASS

n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=24@0

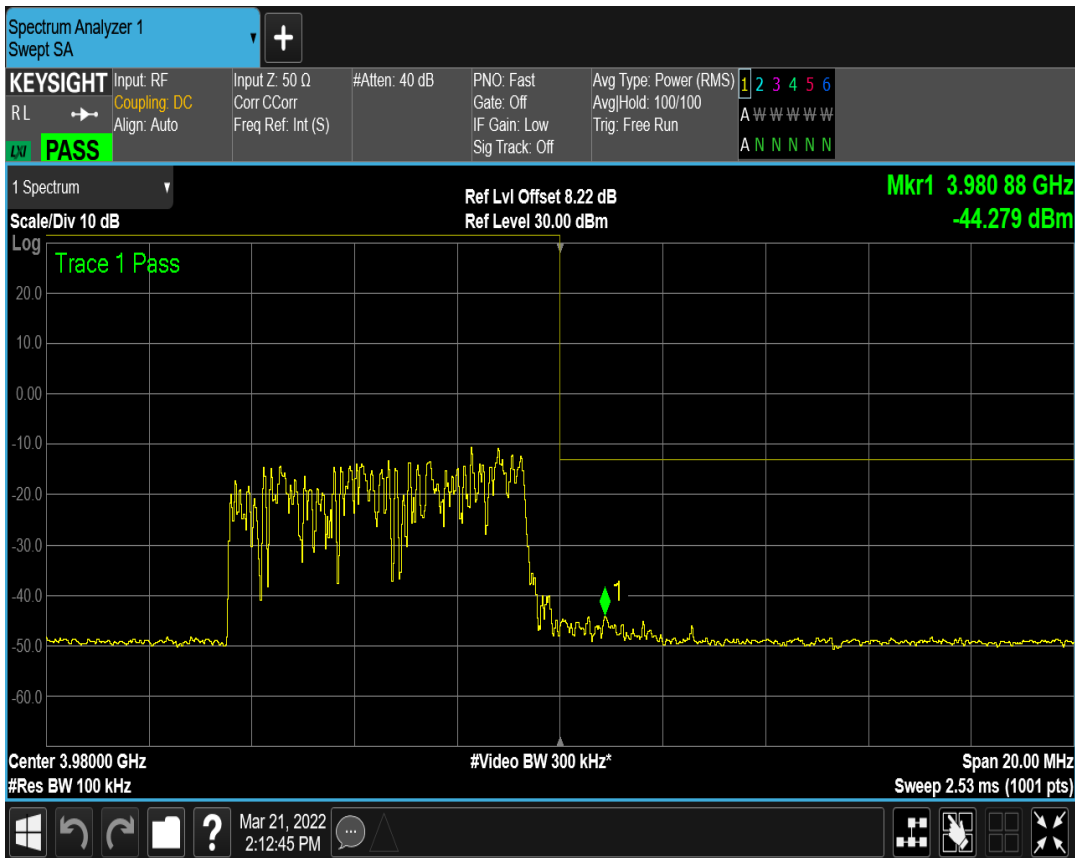


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0

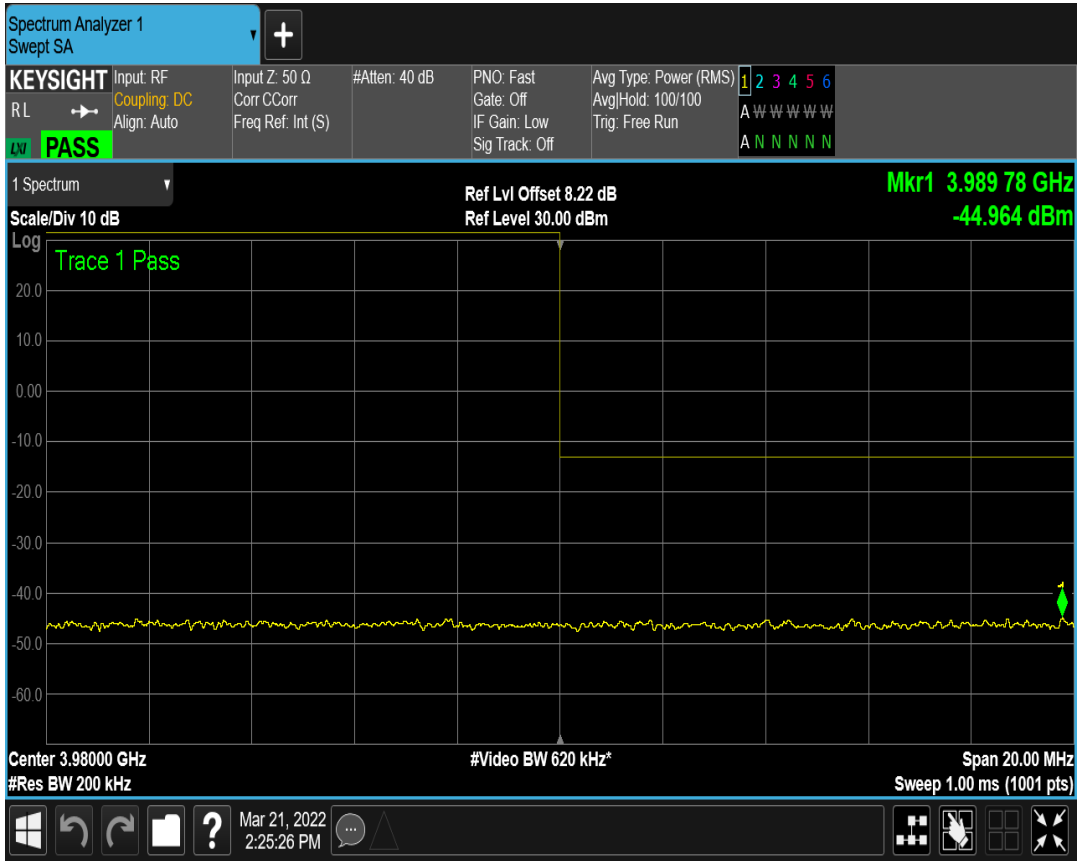




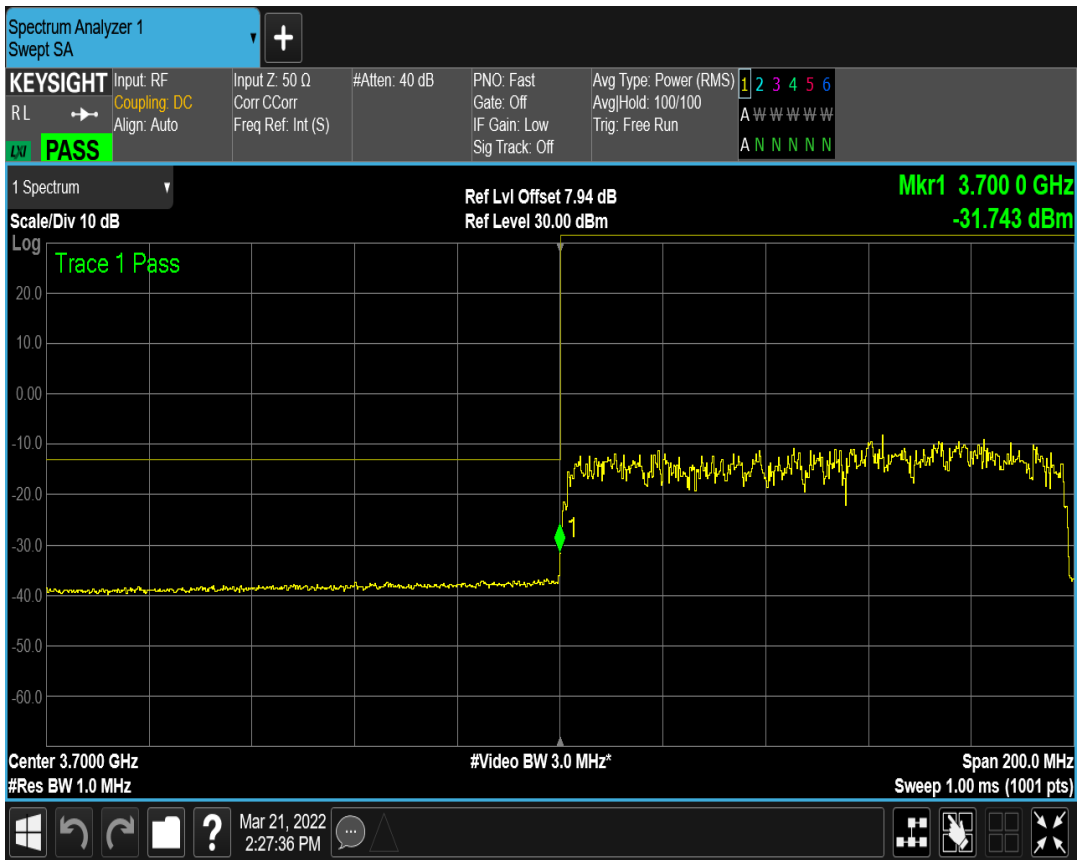
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0



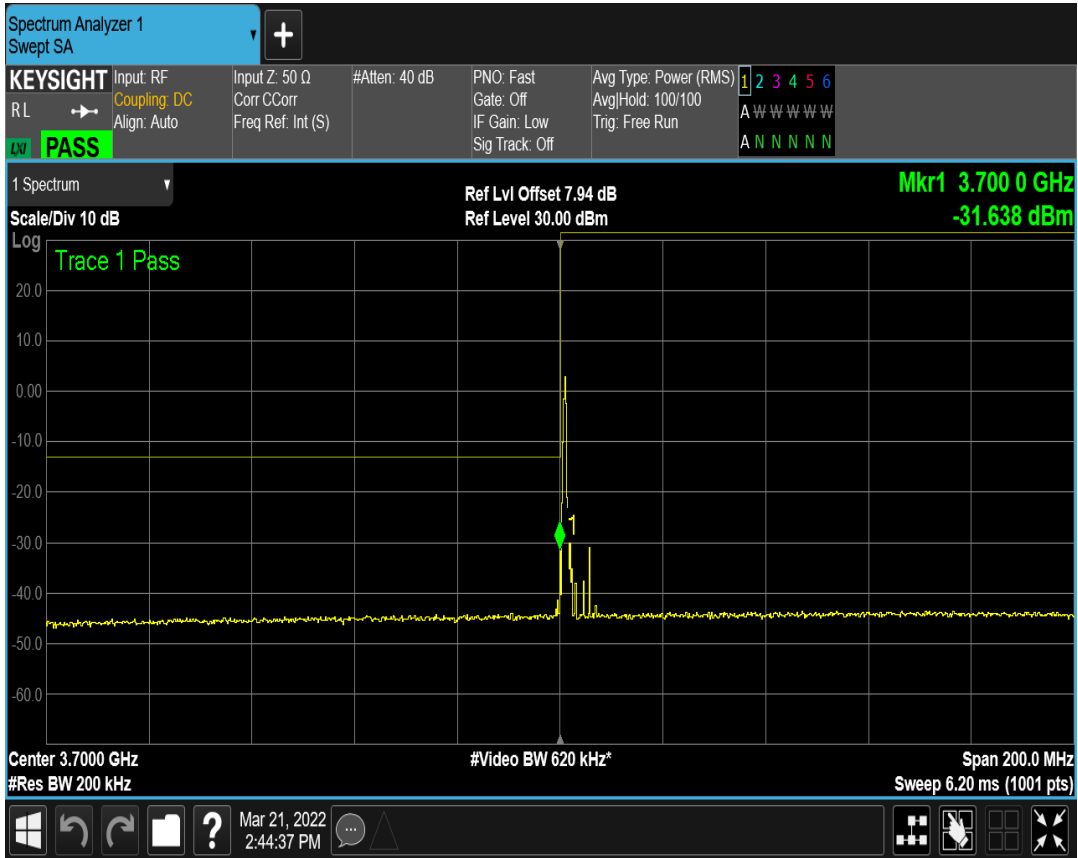
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1@23



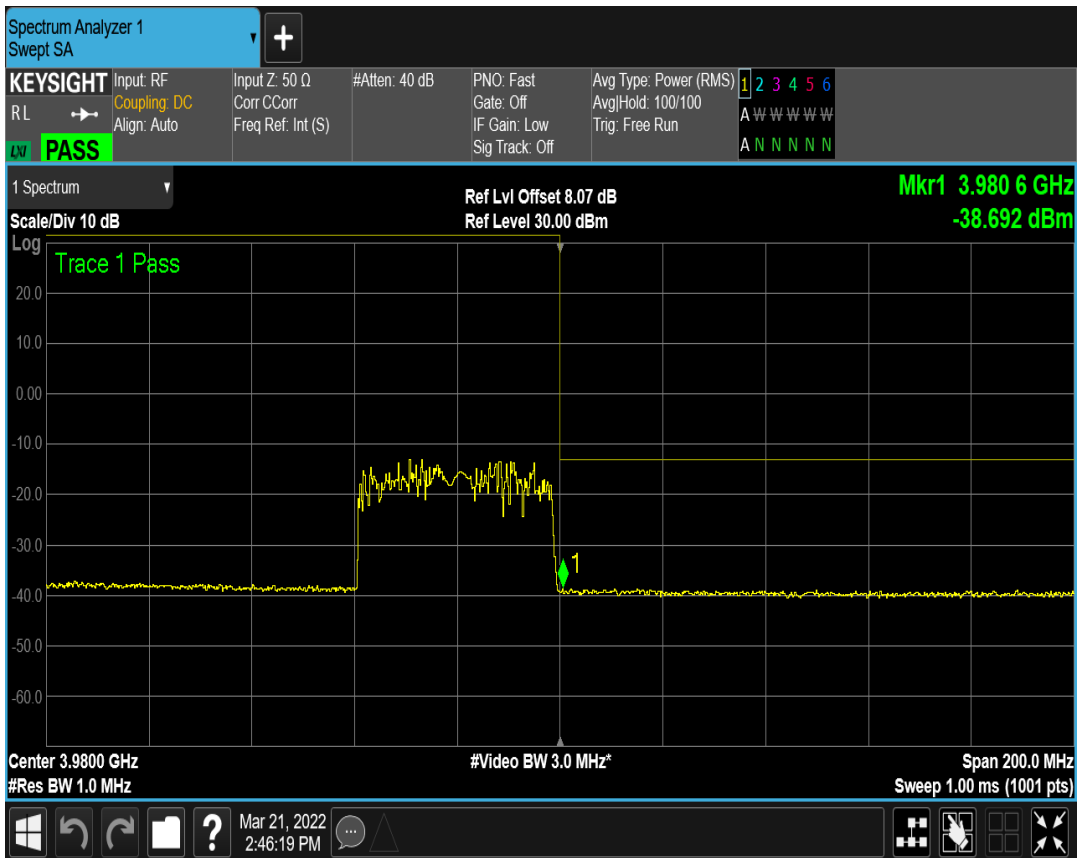
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



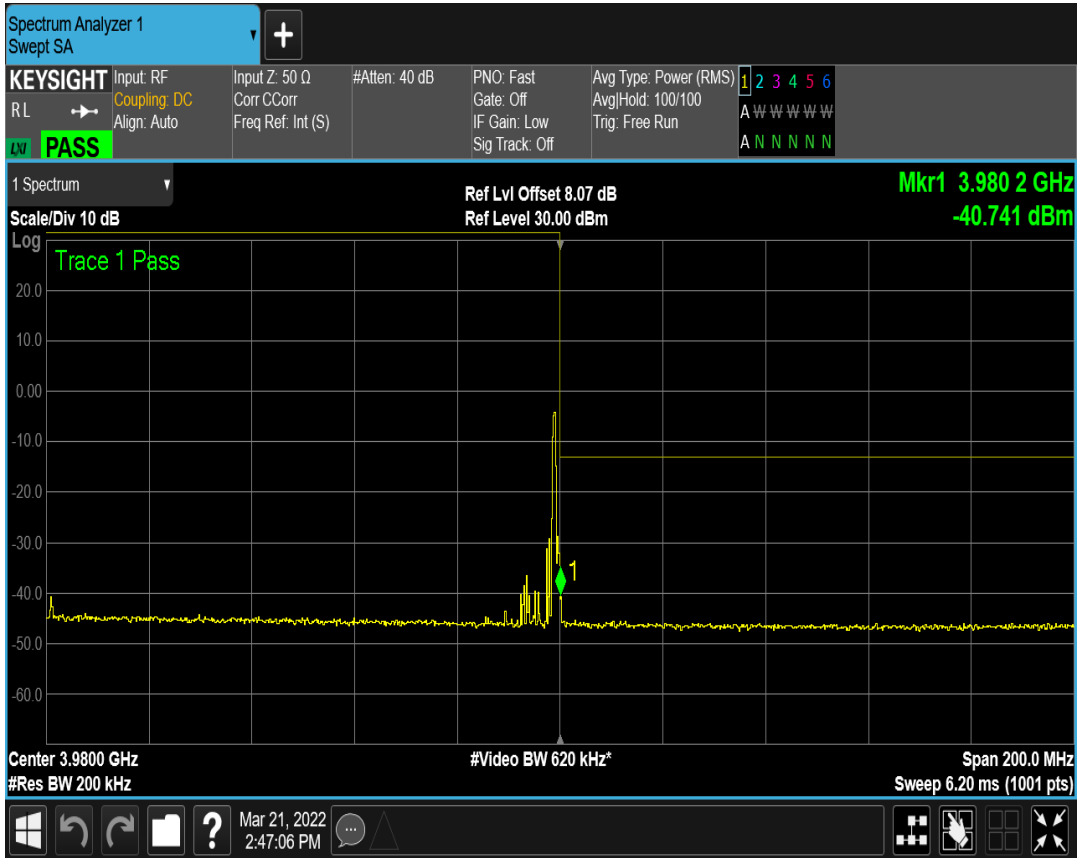
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



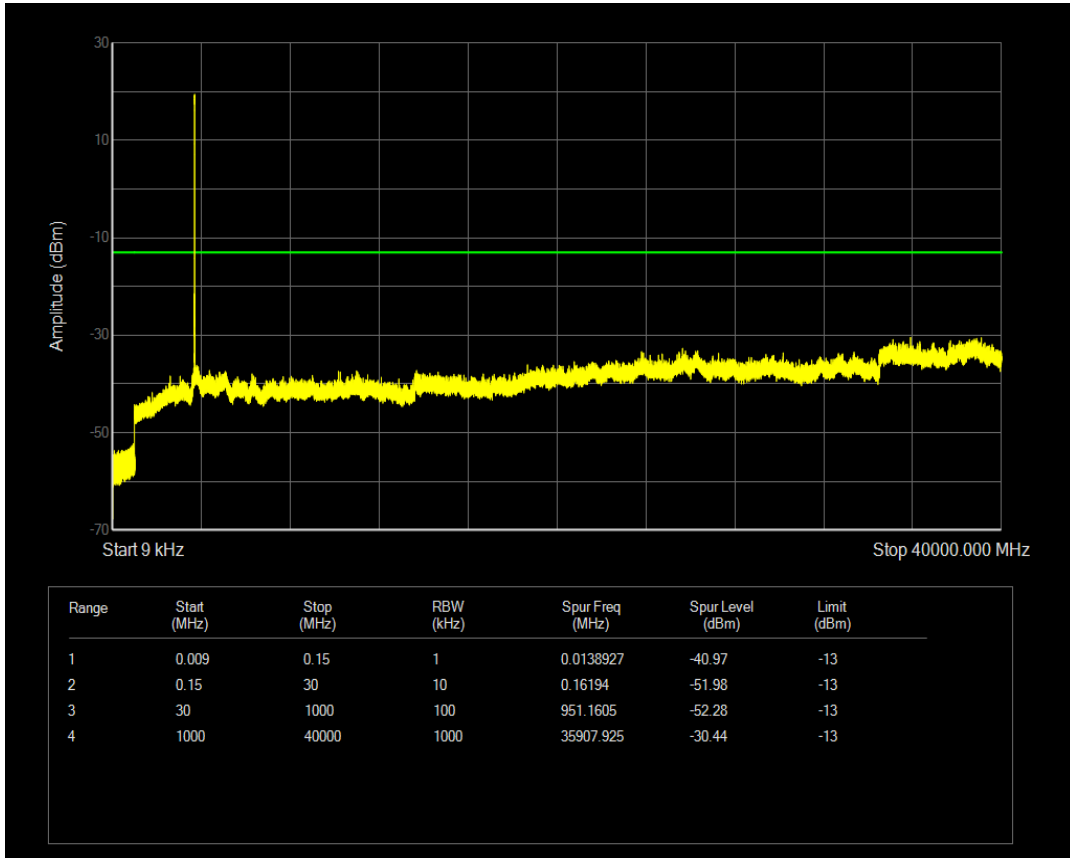
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@272



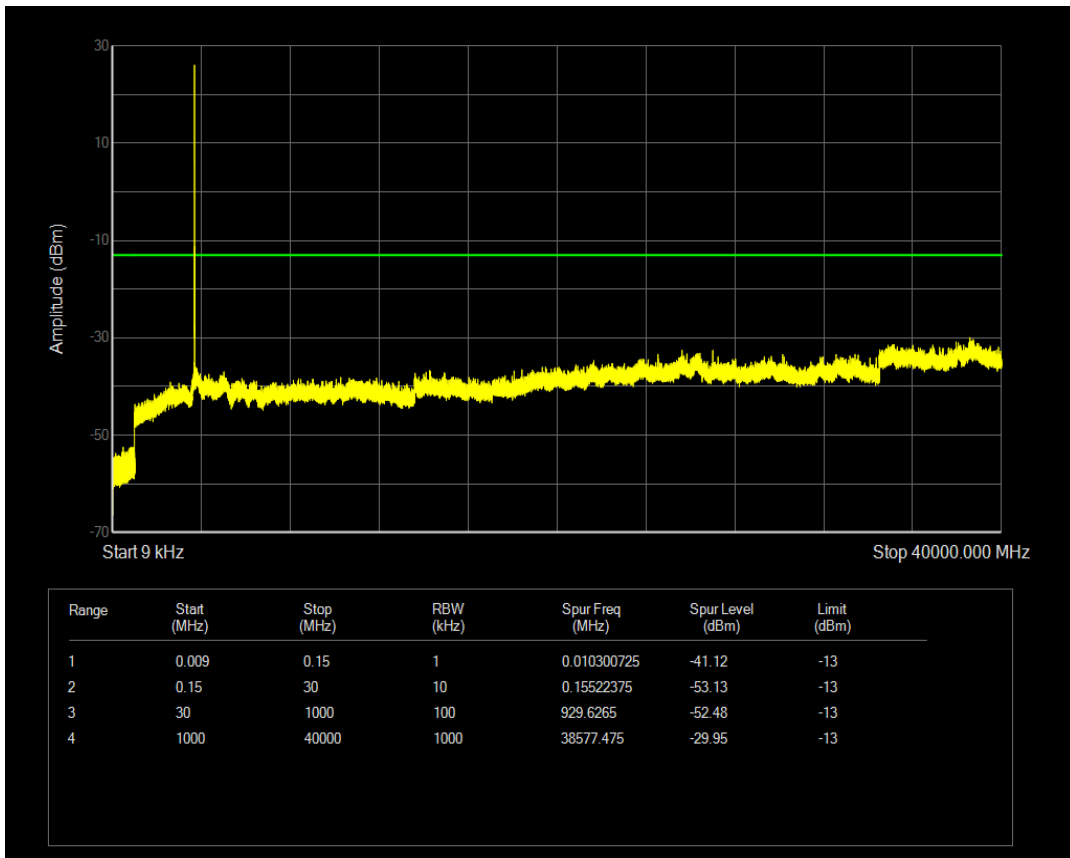
## 6. Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	35907.93	-30.44	-13	PASS
n77(3700-3980)	30	10	647000	1@0	DFT_QPSK	38577.48	-29.95	-13	PASS
n77(3700-3980)	30	10	647000	1@23	DFT_QPSK	38632.08	-30.65	-13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	38596.00	-28.93	-13	PASS
n77(3700-3980)	30	10	656000	1@0	DFT_QPSK	38620.38	-30.00	-13	PASS
n77(3700-3980)	30	10	656000	1@23	DFT_QPSK	38485.83	-30.33	-13	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	38623.30	-29.41	-13	PASS
n77(3700-3980)	30	10	665000	1@0	DFT_QPSK	38572.60	-29.81	-13	PASS
n77(3700-3980)	30	10	665000	1@23	DFT_QPSK	38703.25	-30.01	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	38578.45	-30.26	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	35126.95	-29.62	-13	PASS
n77(3700-3980)	30	100	650000	1@272	DFT_QPSK	38642.80	-30.56	-13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	38829.03	-29.89	-13	PASS
n77(3700-3980)	30	100	656000	1@0	DFT_QPSK	38105.58	-30.15	-13	PASS
n77(3700-3980)	30	100	656000	1@272	DFT_QPSK	38689.60	-29.84	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	38837.80	-29.57	-13	PASS
n77(3700-3980)	30	100	662000	1@0	DFT_QPSK	38613.55	-30.15	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	38830.00	-30.39	-13	PASS

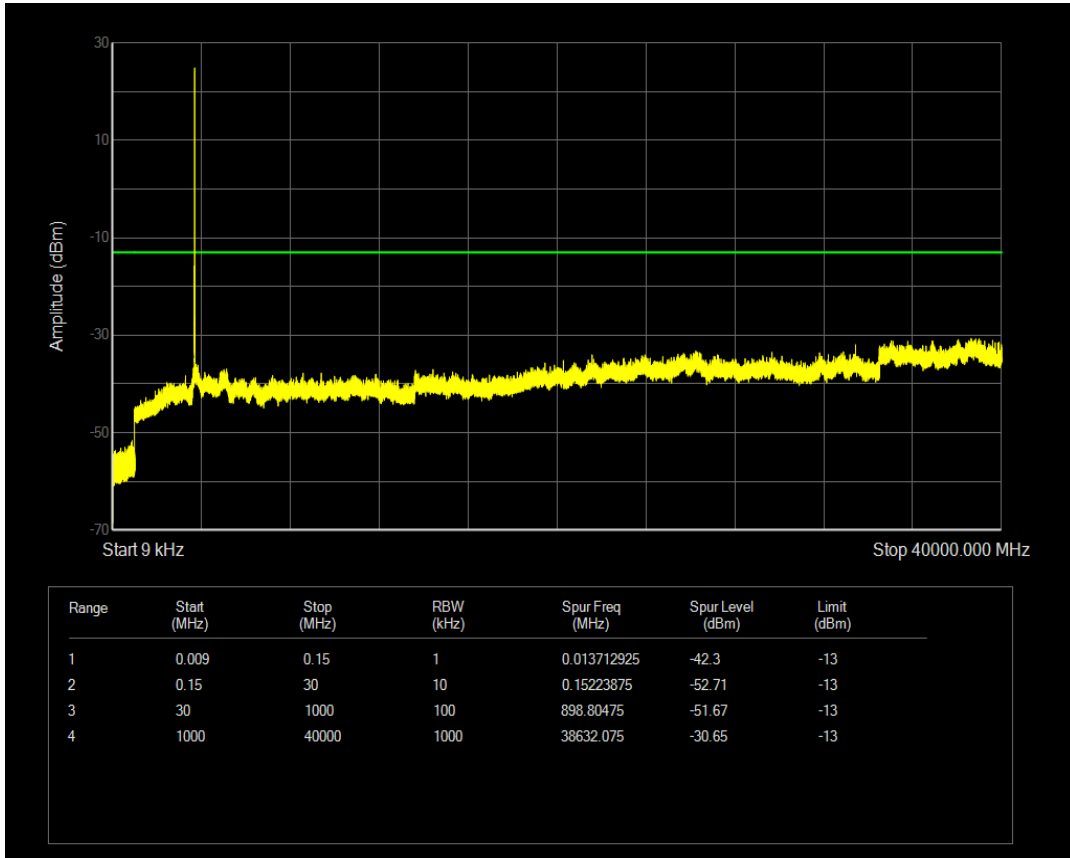
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=24@0



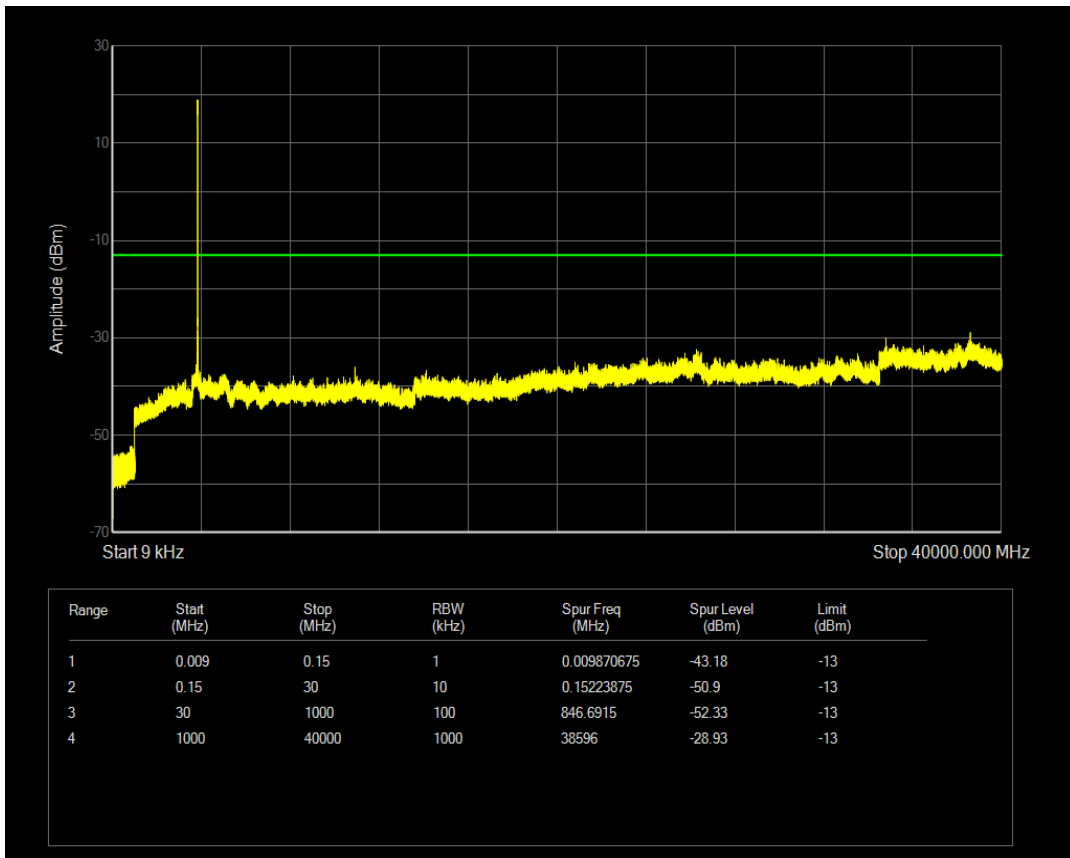
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@0



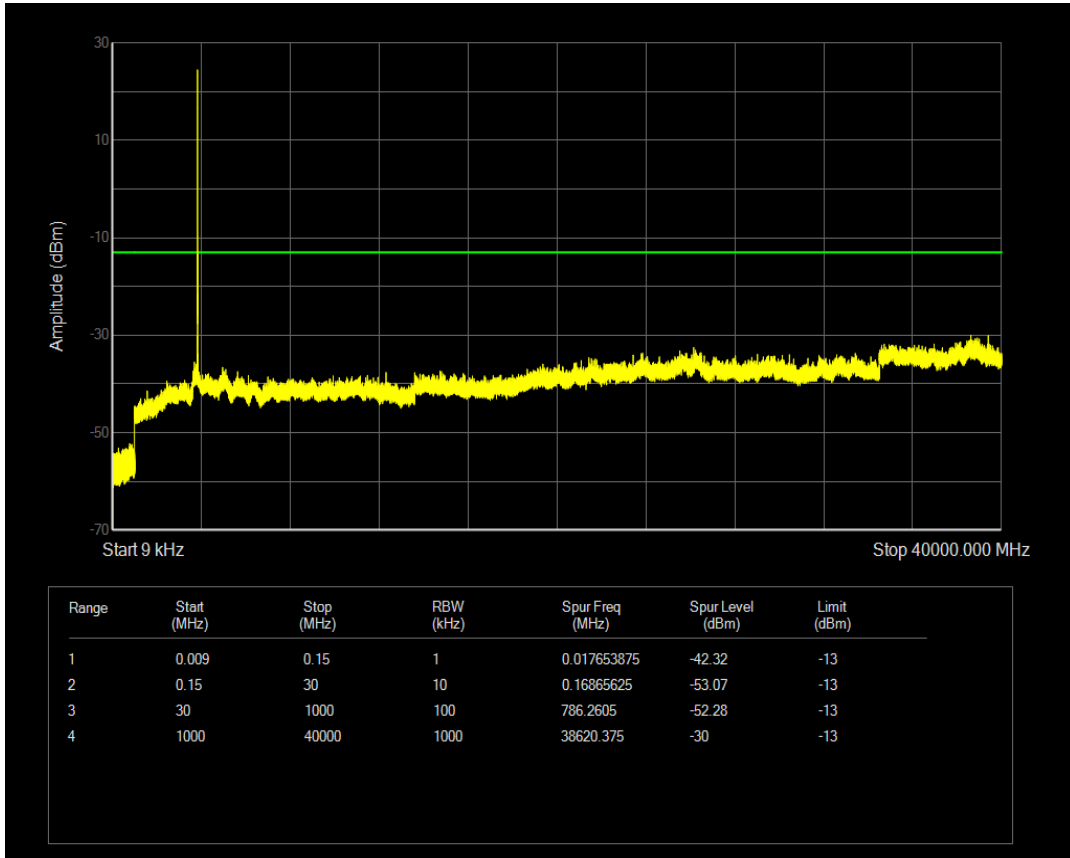
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=647000 RB=1@23



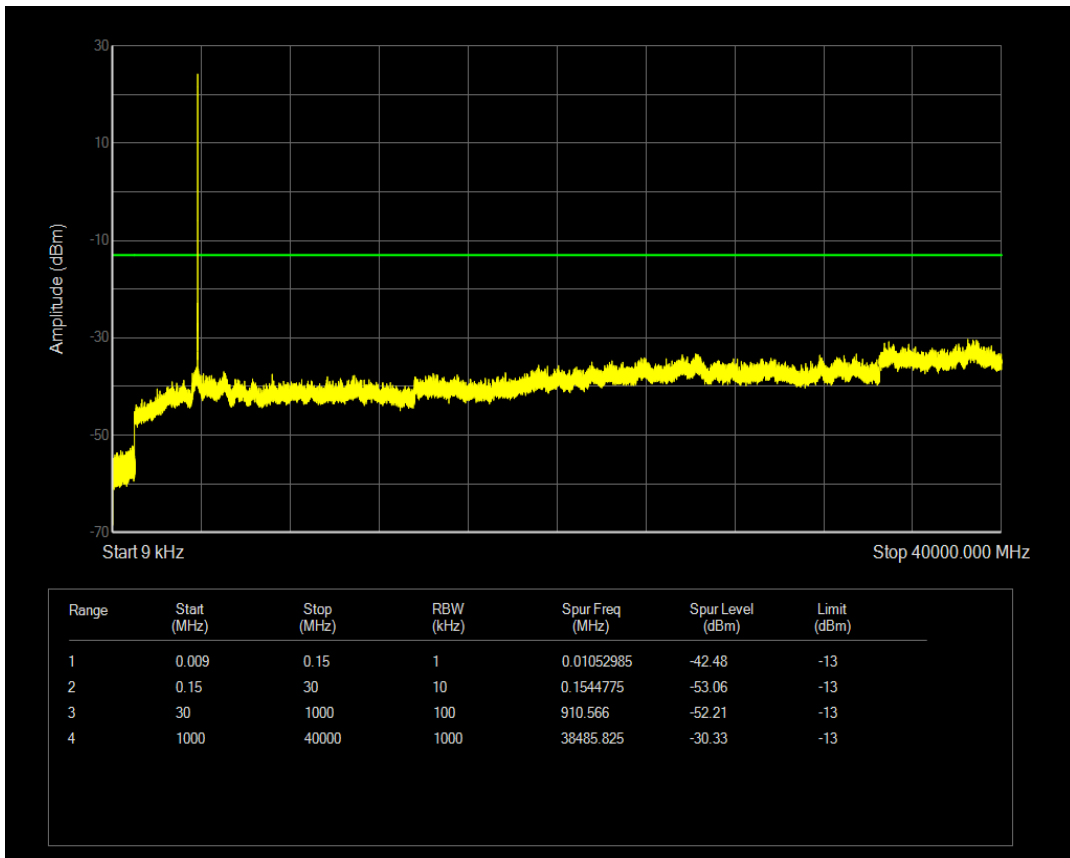
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@0

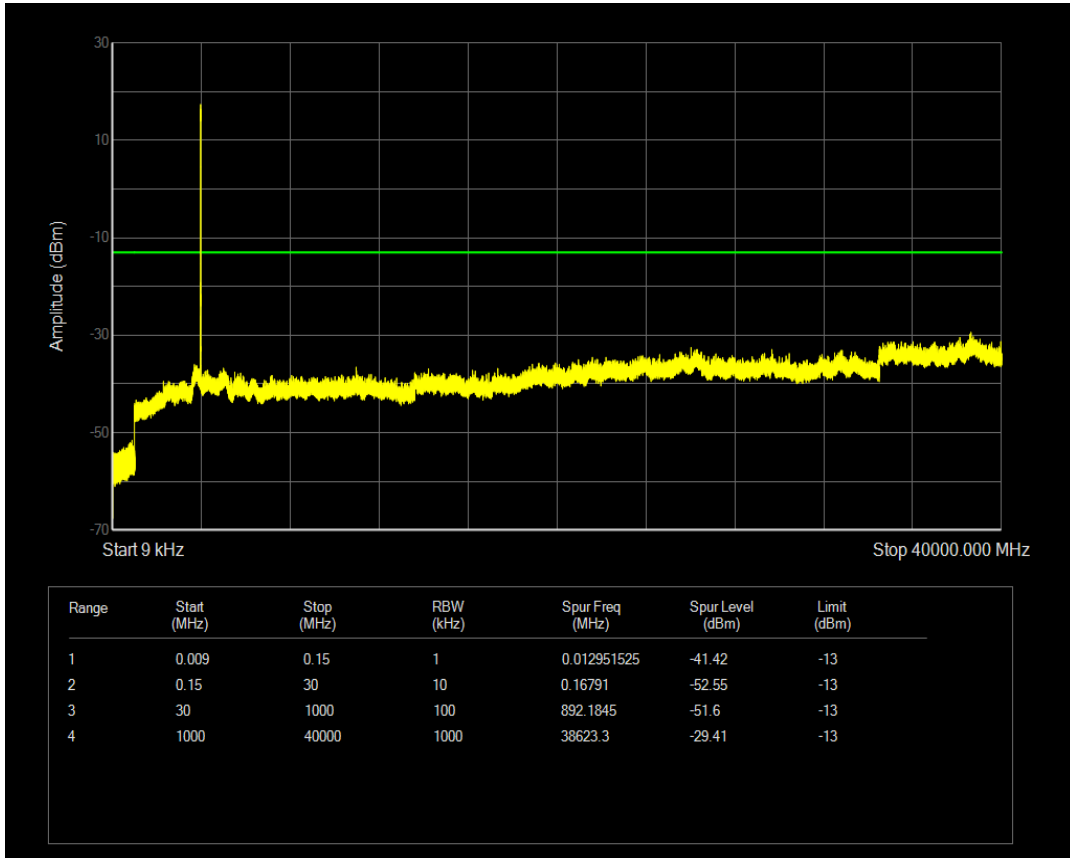


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=1@23

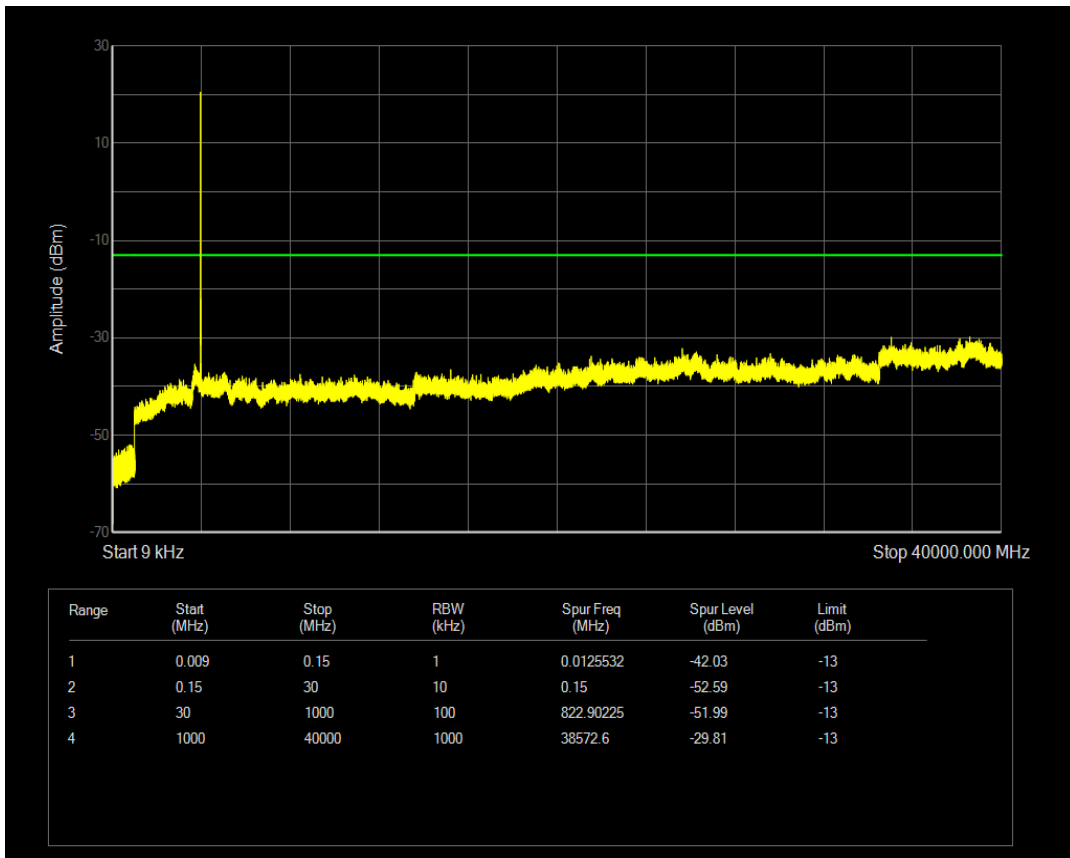


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0

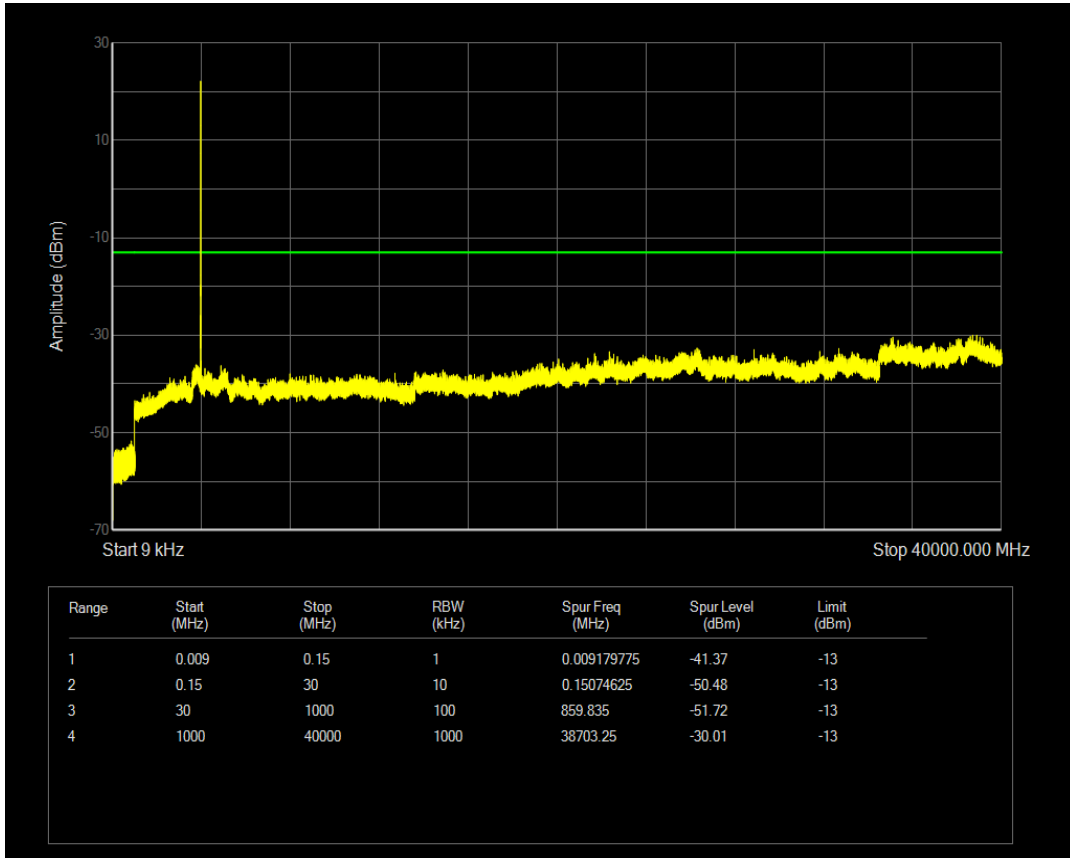




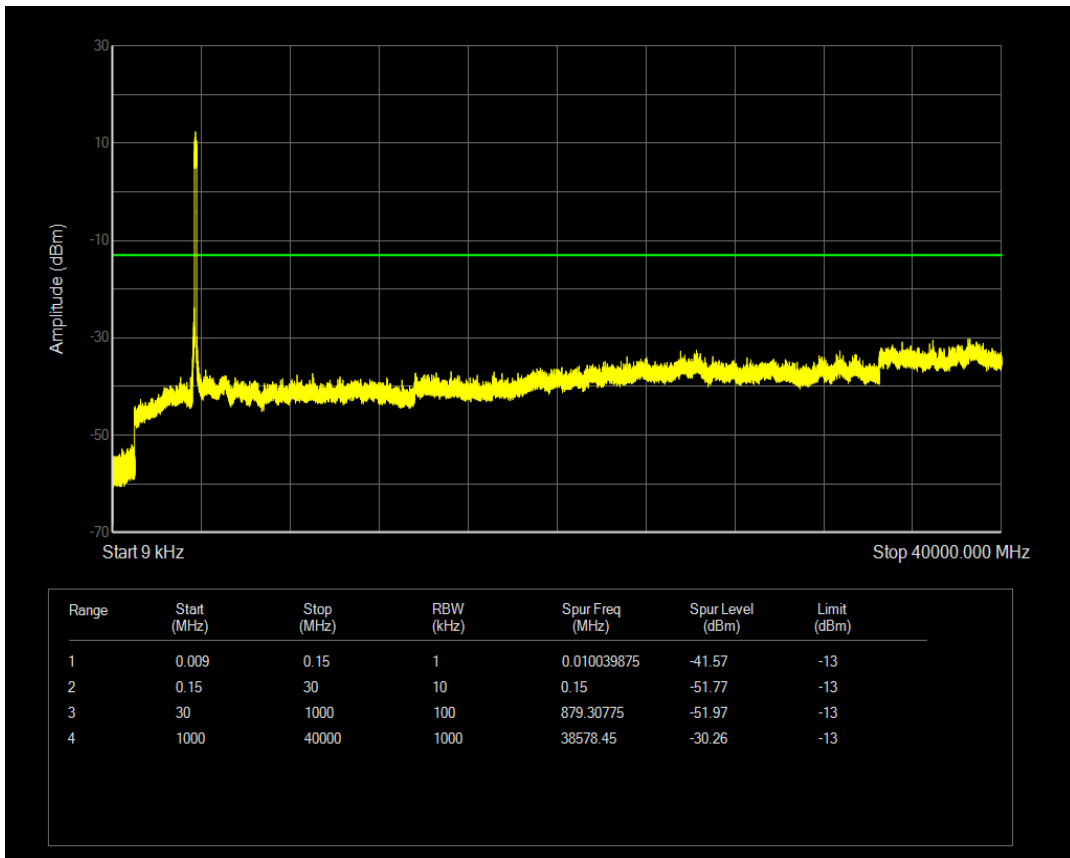
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1 @0



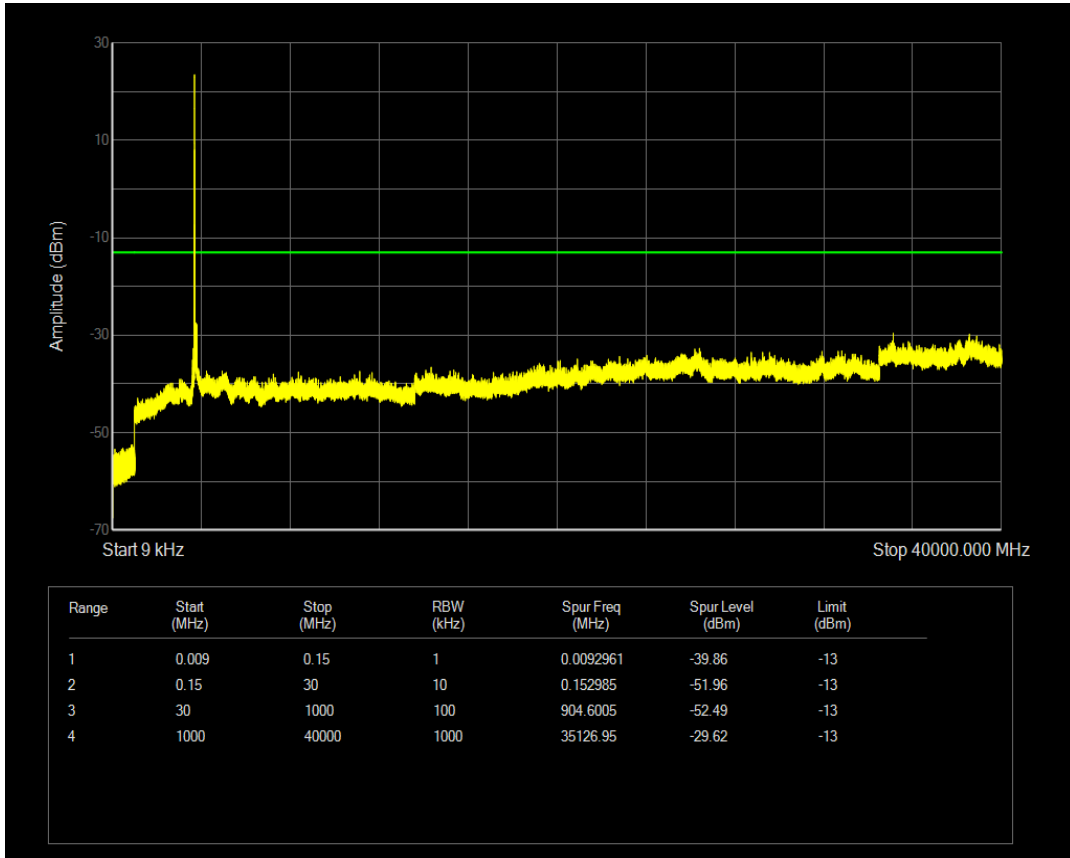
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=1 @23



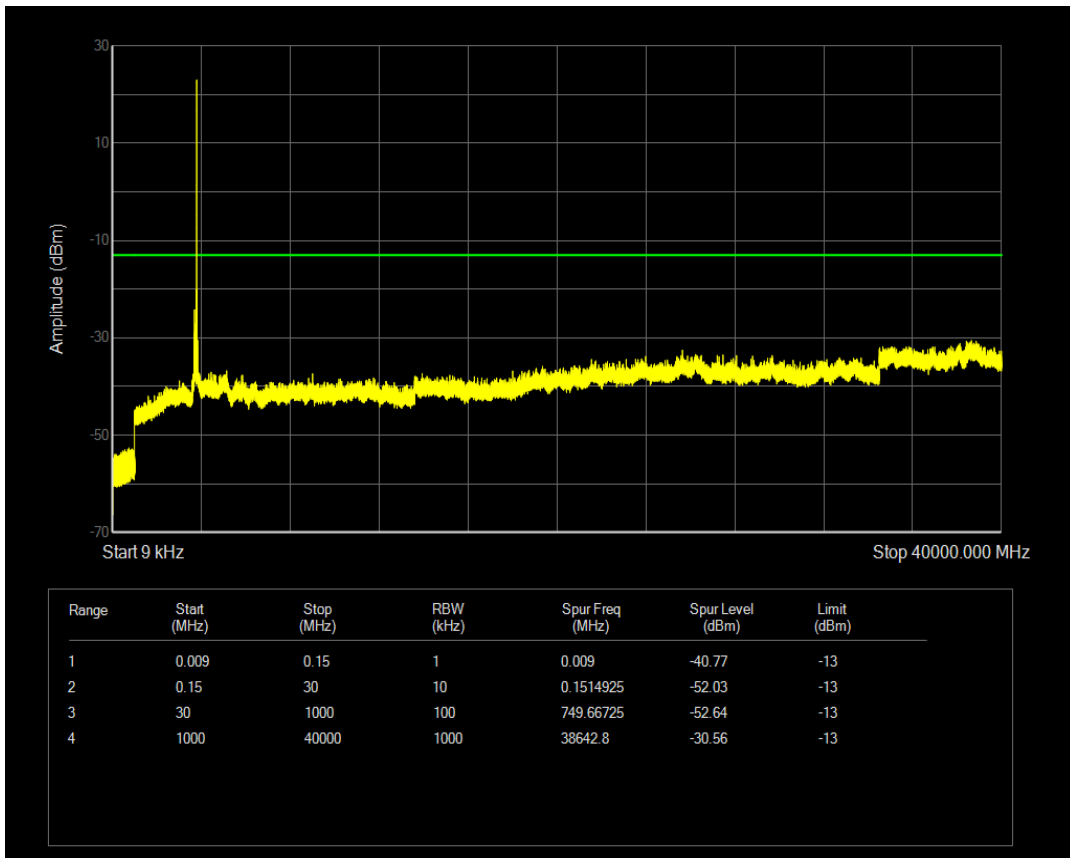
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=270@0



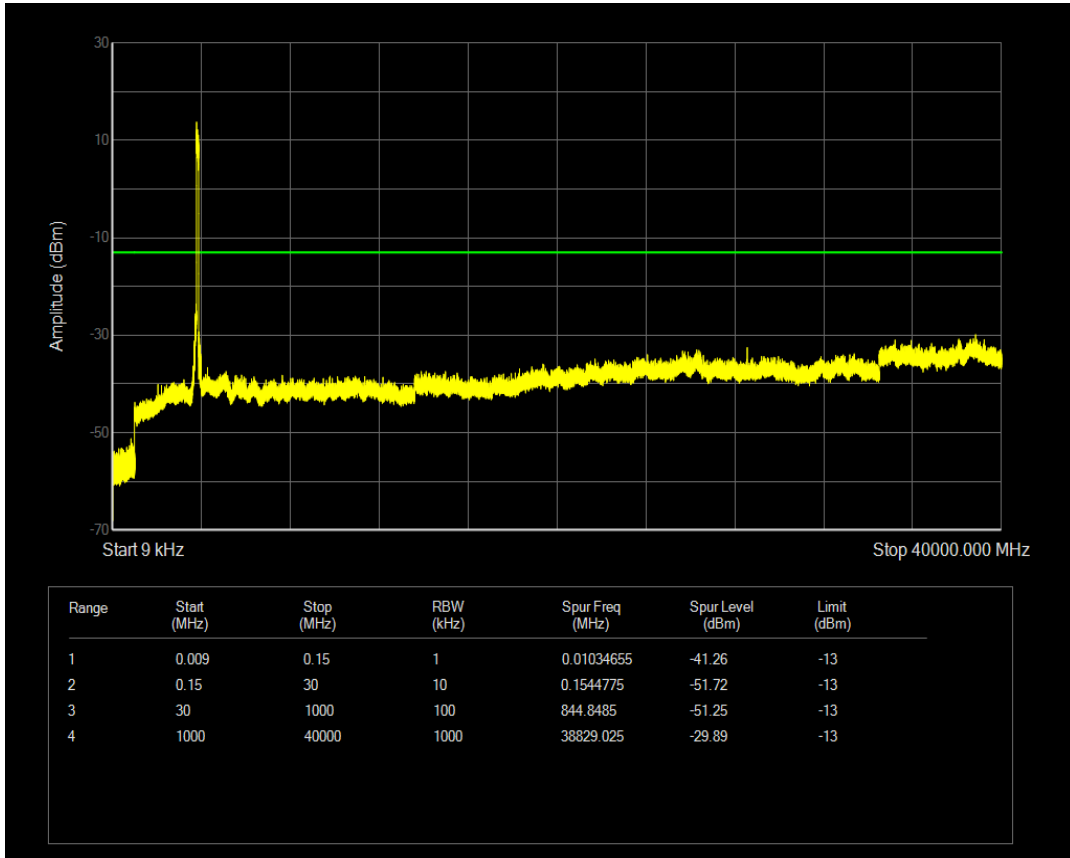
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@0



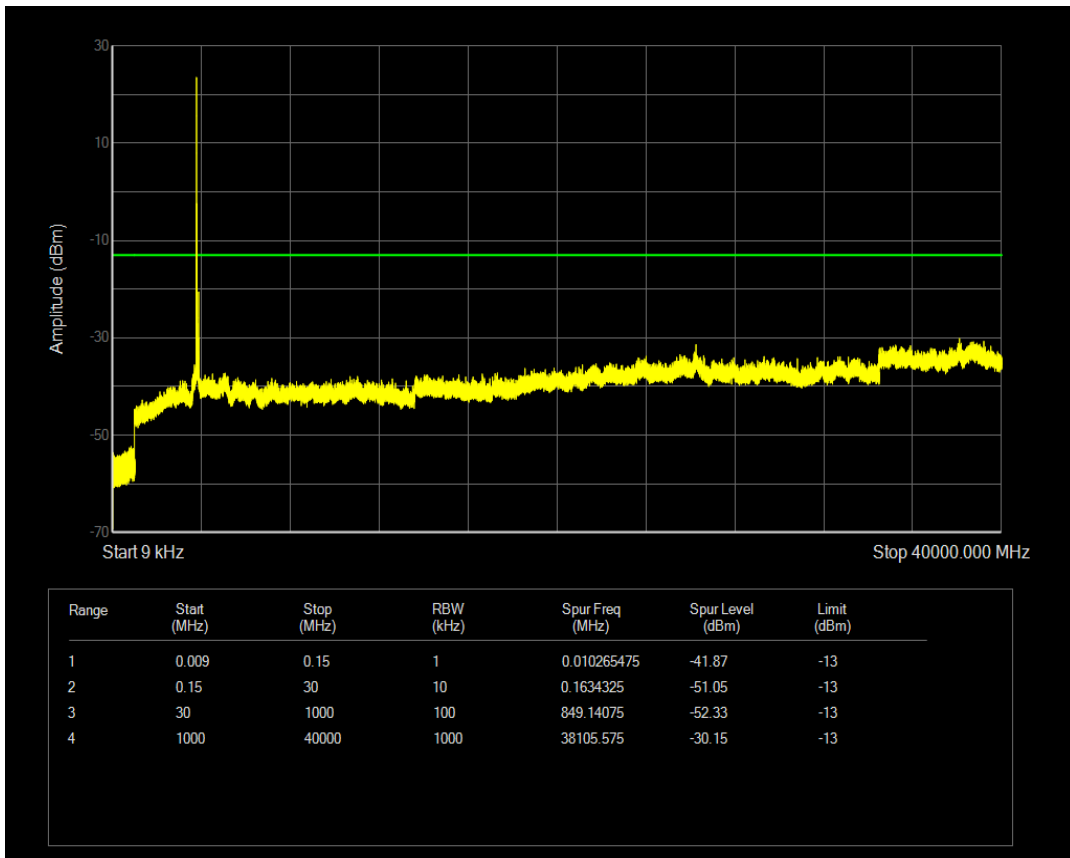
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=650000 RB=1@272



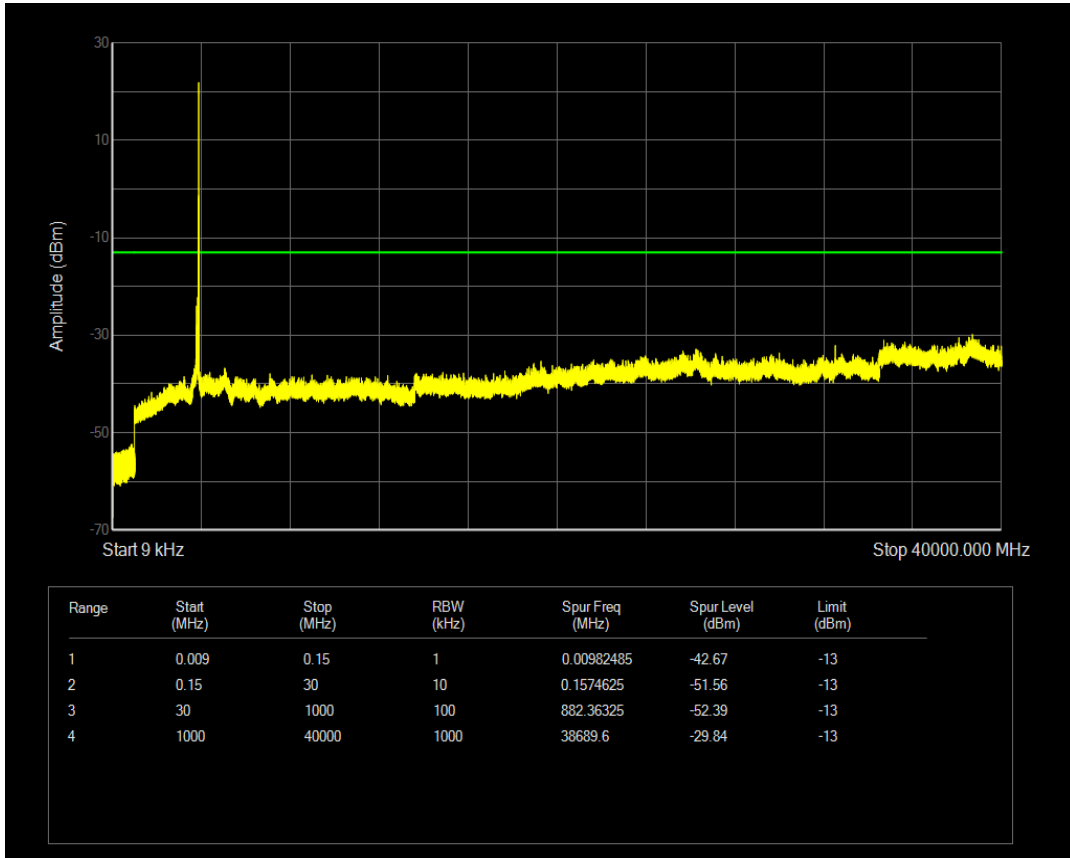
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



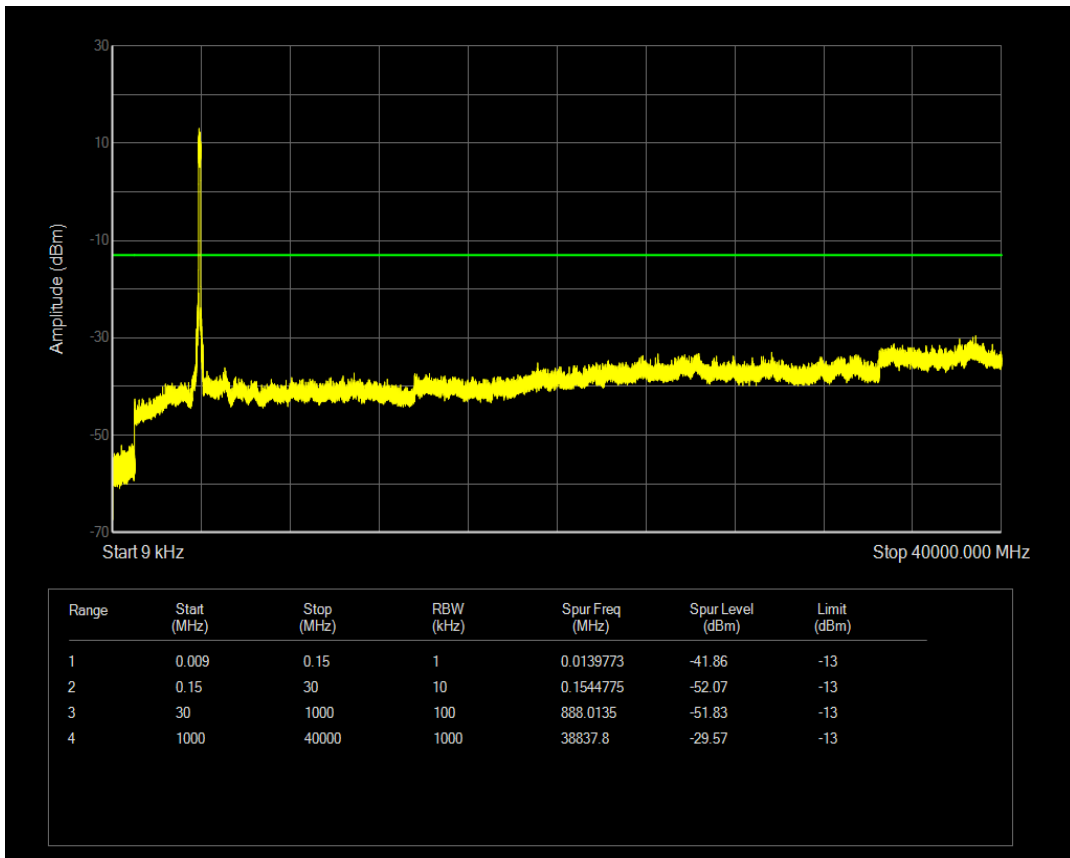
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@0



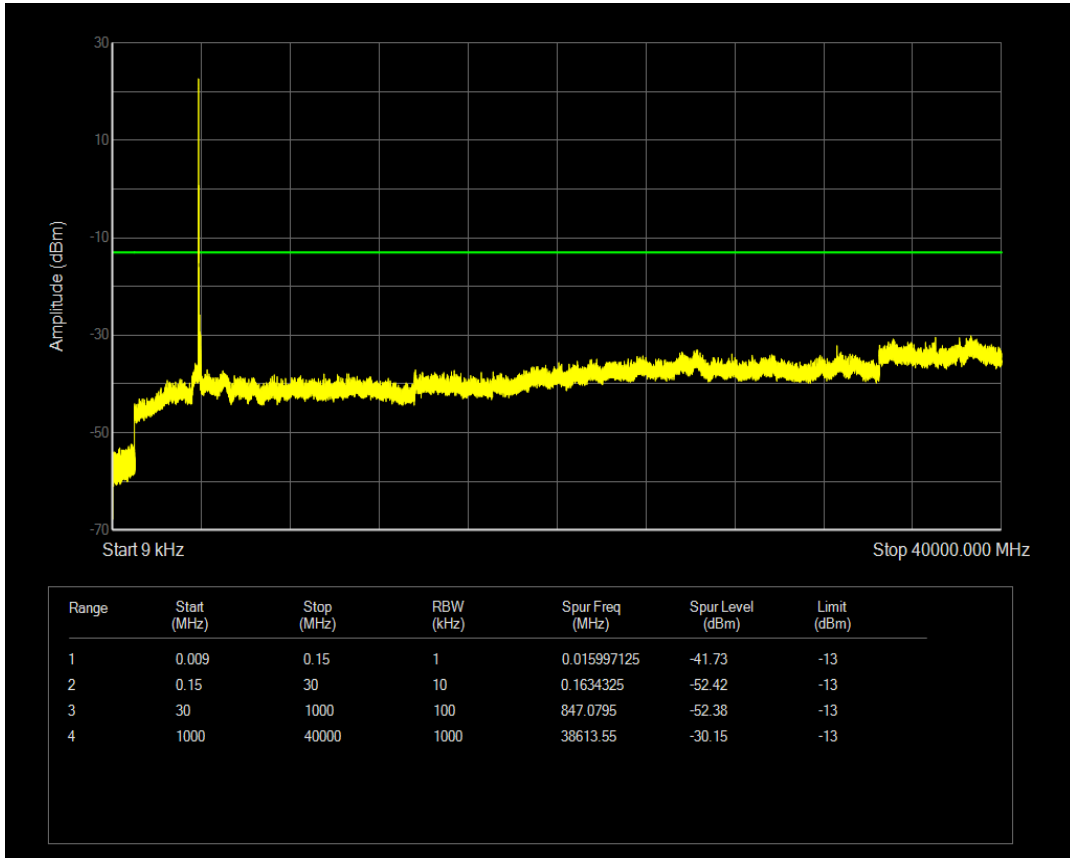
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=1@272



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@0



n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=662000 RB=1@272

