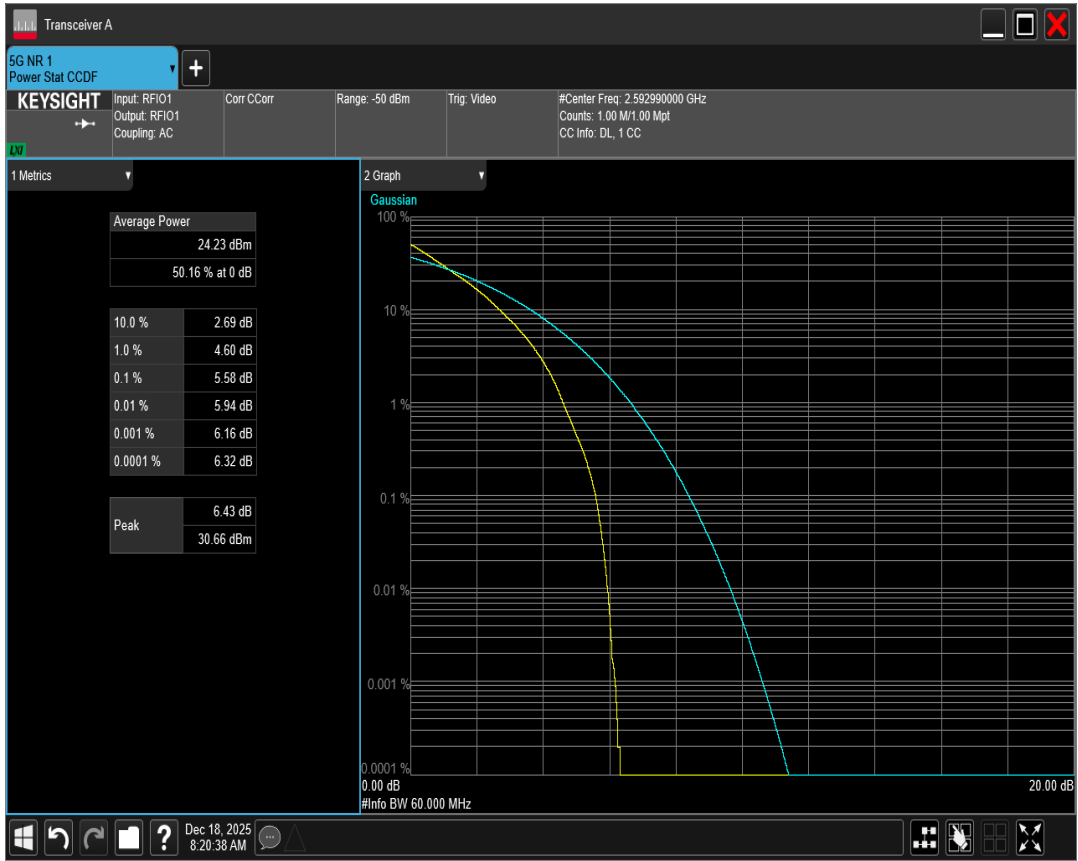
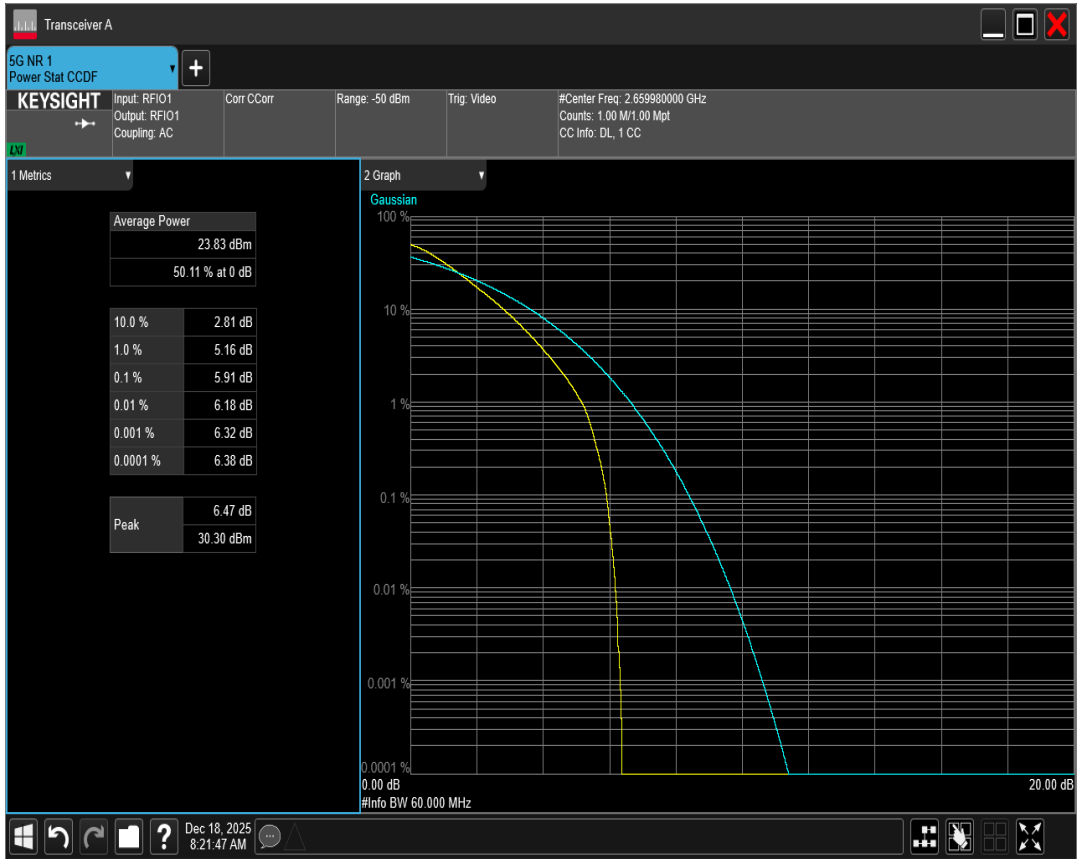
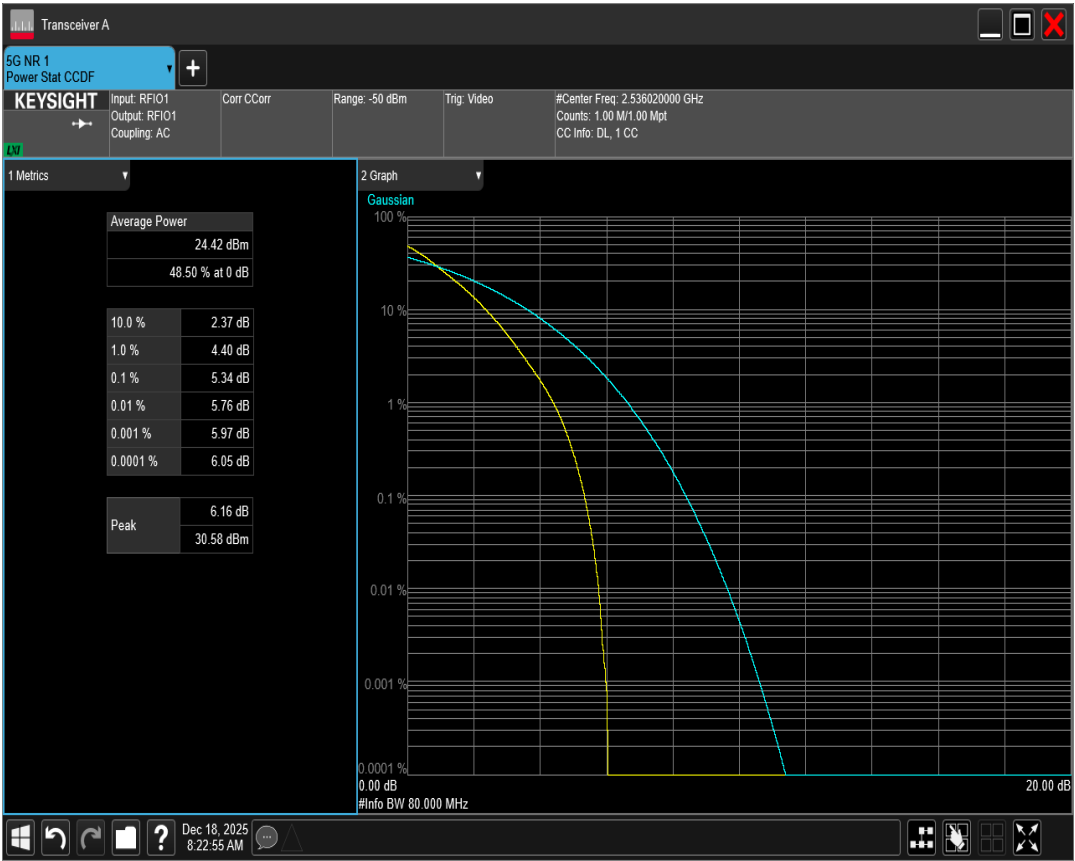




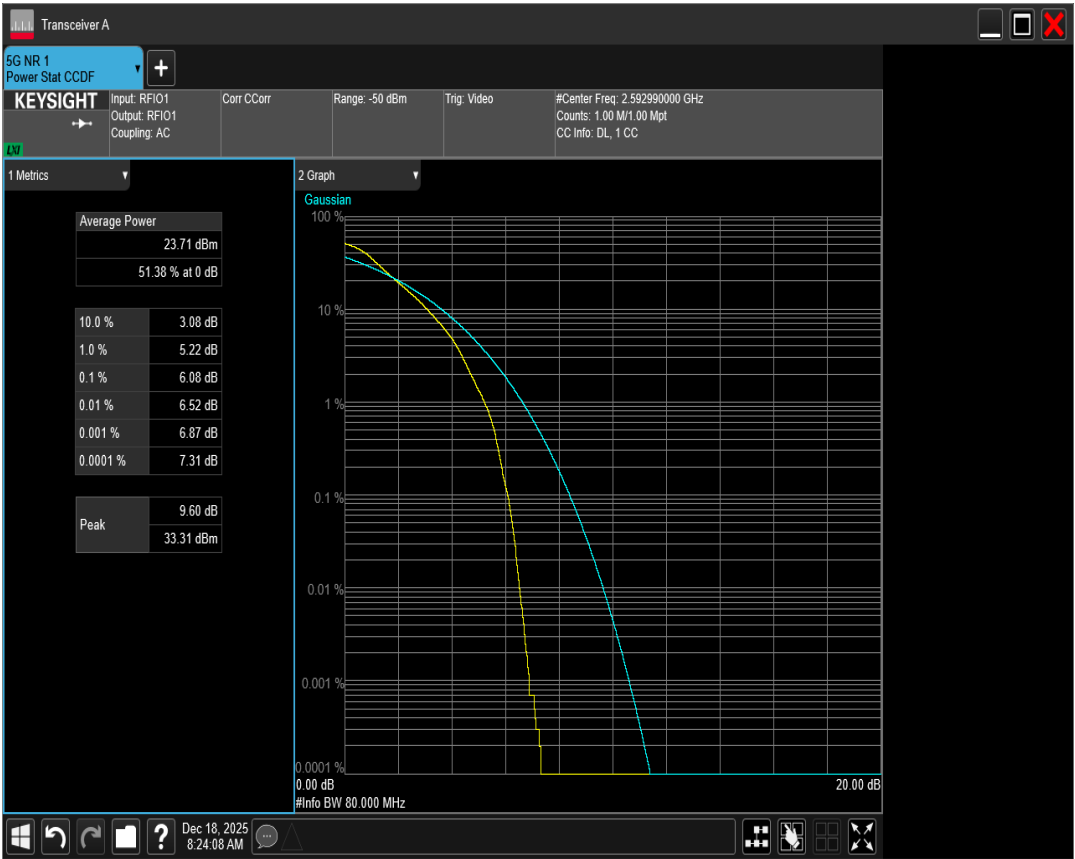
n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=531996 RB=162@0



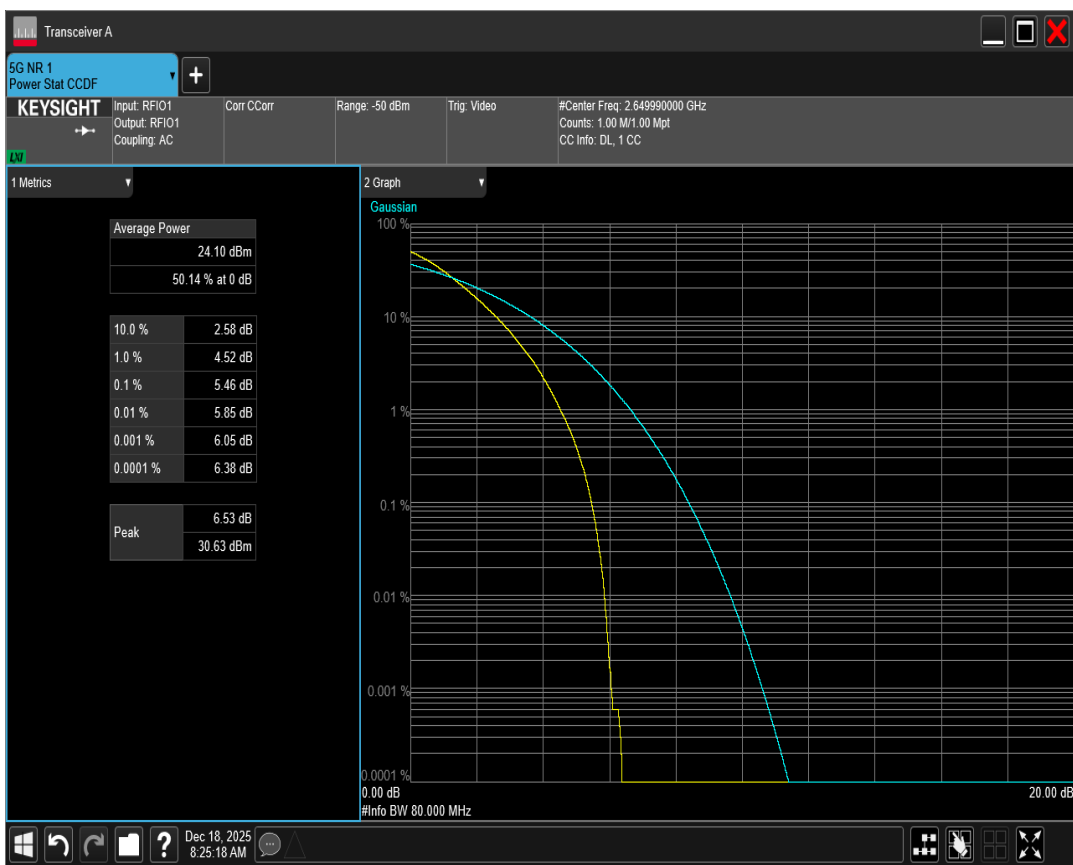
n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=507204 RB=216@0



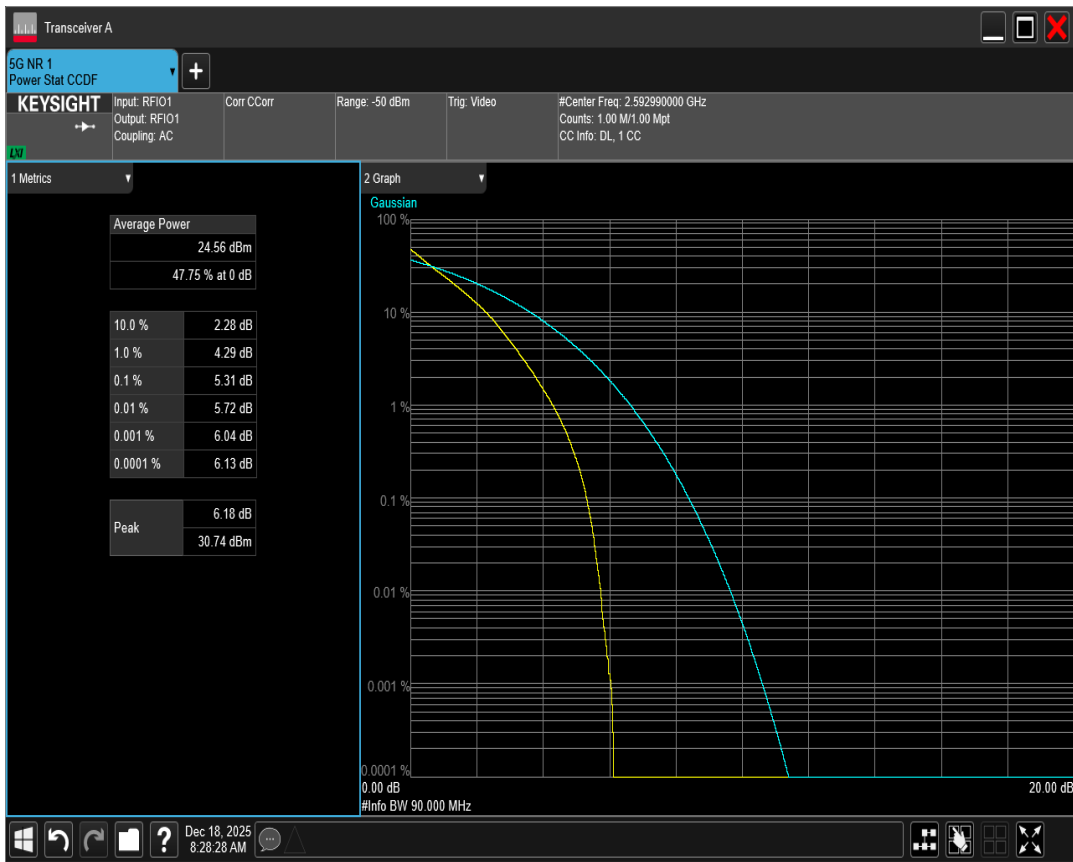
n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=518598 RB=216@0



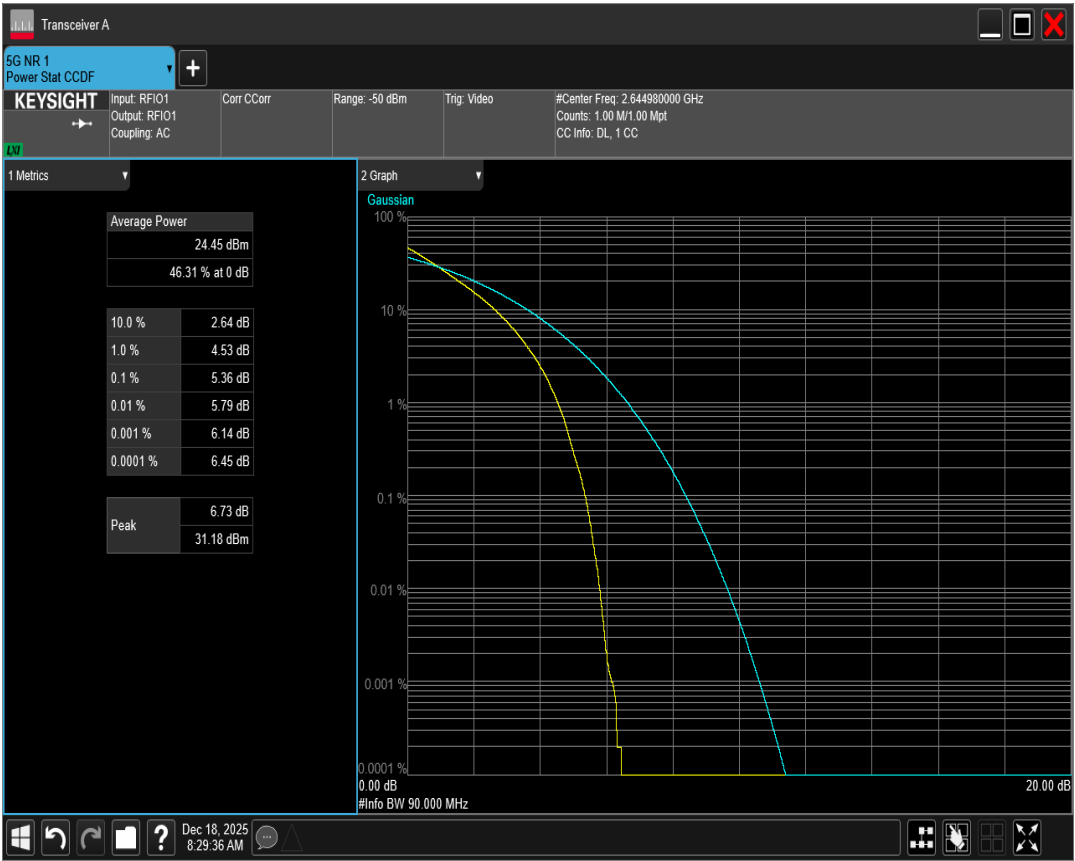
n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=529998 RB=216@0



n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=528996 RB=240@0



4 Occupied bandwidth for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41	30	20	518598	50@0	DFT_BPSK	18.050	18.340	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.010	18.290	PASS
n41	30	20	518598	50@0	DFT_QAM16	17.960	18.230	PASS
n41	30	20	518598	50@0	DFT_QAM64	17.930	18.150	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.950	18.280	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.560	36.350	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.510	36.390	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.400	36.300	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.500	36.440	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.460	36.500	PASS
n41	30	50	518598	128@0	DFT_BPSK	46.960	46.310	PASS
n41	30	50	518598	128@0	DFT_QPSK	46.960	46.320	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.890	46.380	PASS
n41	30	50	518598	128@0	DFT_QAM64	47.020	46.330	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.070	46.430	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.630	58.570	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.600	58.530	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.520	58.530	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.770	58.520	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.800	58.670	PASS
n41	30	80	518598	216@0	DFT_BPSK	76.920	77.990	PASS
n41	30	80	518598	216@0	DFT_QPSK	77.030	78.110	PASS
n41	30	80	518598	216@0	DFT_QAM16	77.020	78.070	PASS
n41	30	80	518598	216@0	DFT_QAM64	77.030	78.190	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.030	78.100	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.170	86.720	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.200	86.720	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.520	86.800	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.520	86.690	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.530	86.660	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.130	97.480	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.280	97.390	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.290	97.410	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.330	97.540	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.440	97.470	PASS

n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_BPSK BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_BPSK BW=50MHz Channel=518598 RB=128@0



n41 SCS=30kHz DFT_BPSK BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_BPSK BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_BPSK BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QAM16 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM16 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QAM16 BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_QAM16 BW=50MHz Channel=518598 RB=128@0



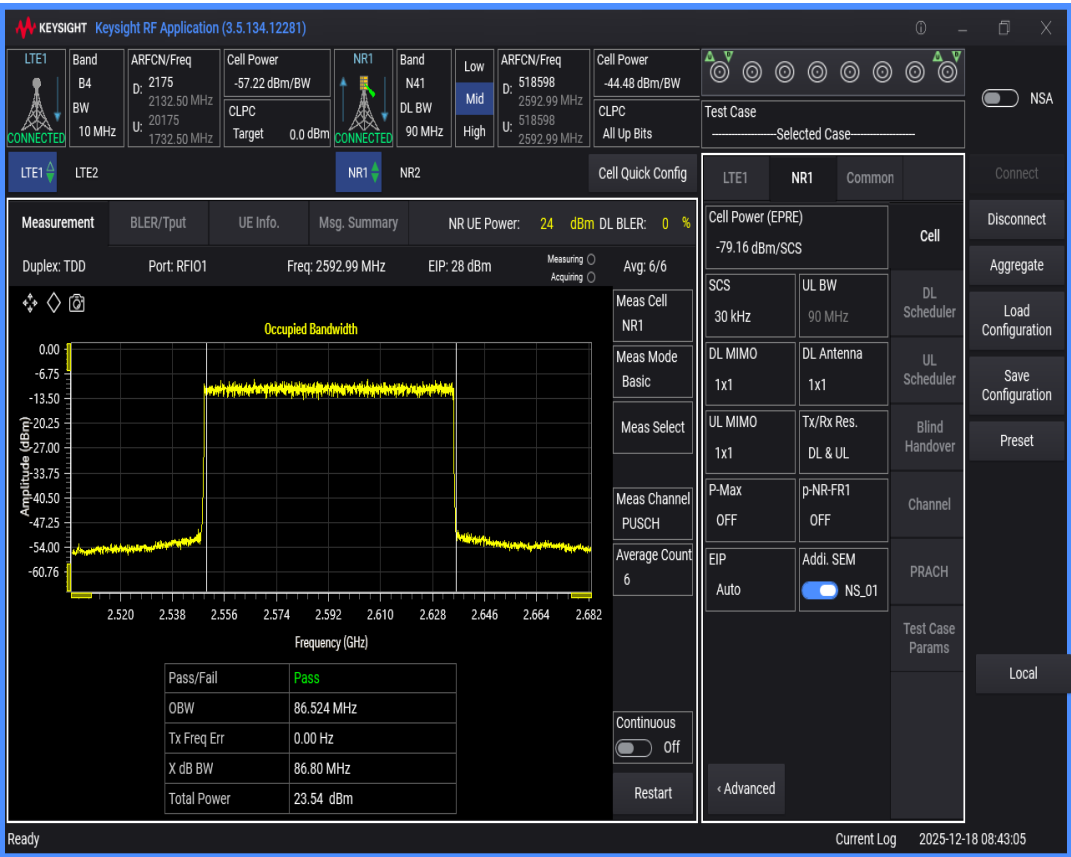
n41 SCS=30kHz DFT_QAM16 BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_QAM16 BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_QAM16 BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QAM256 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM256 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QAM256 BW=40MHz Channel=518598 RB=100@0



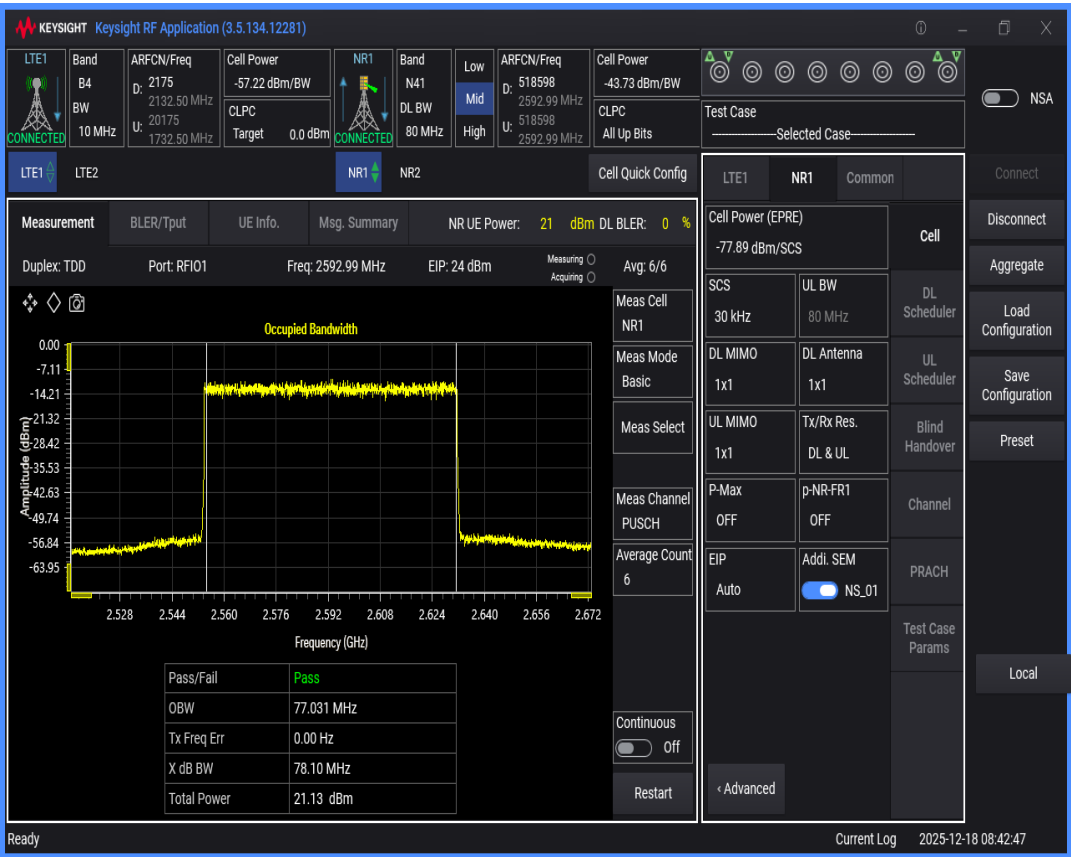
n41 SCS=30kHz DFT_QAM256 BW=50MHz Channel=518598 RB=128@0



n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_QAM256 BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_QAM256 BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QAM64 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM64 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QAM64 BW=40MHz Channel=518598 RB=100@0



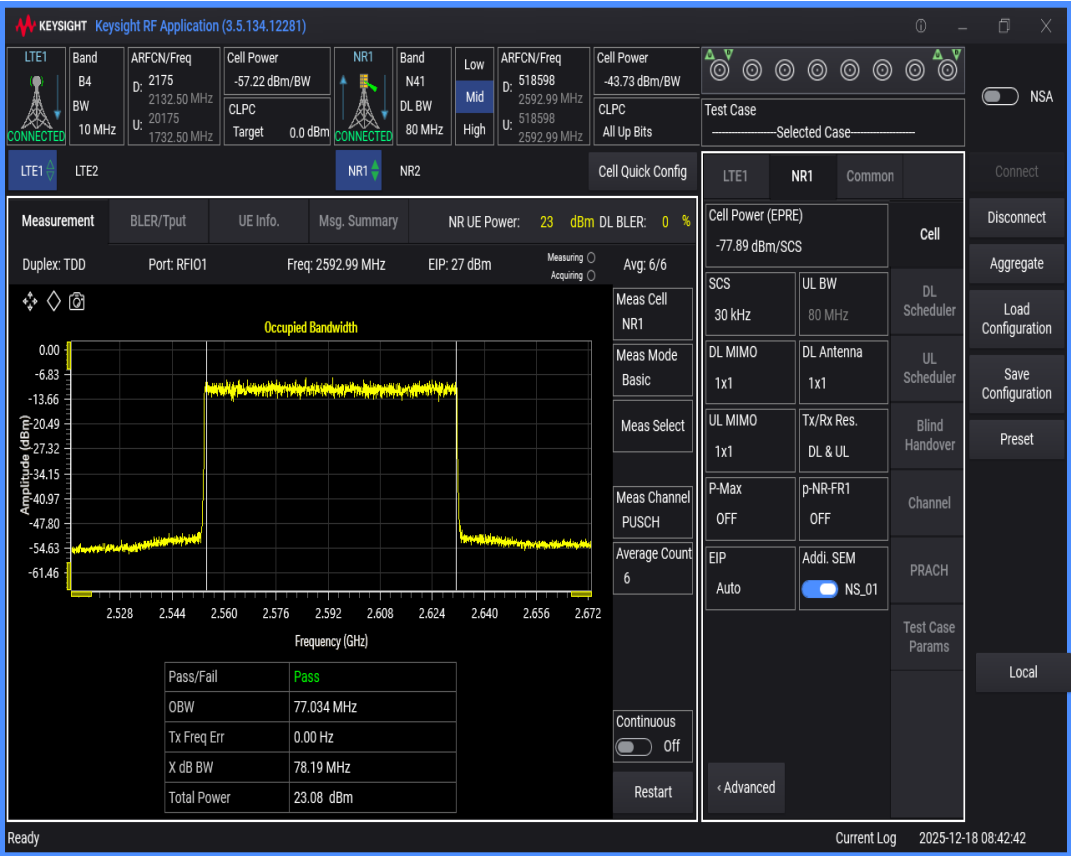
n41 SCS=30kHz DFT_QAM64 BW=50MHz Channel=518598 RB=128@0



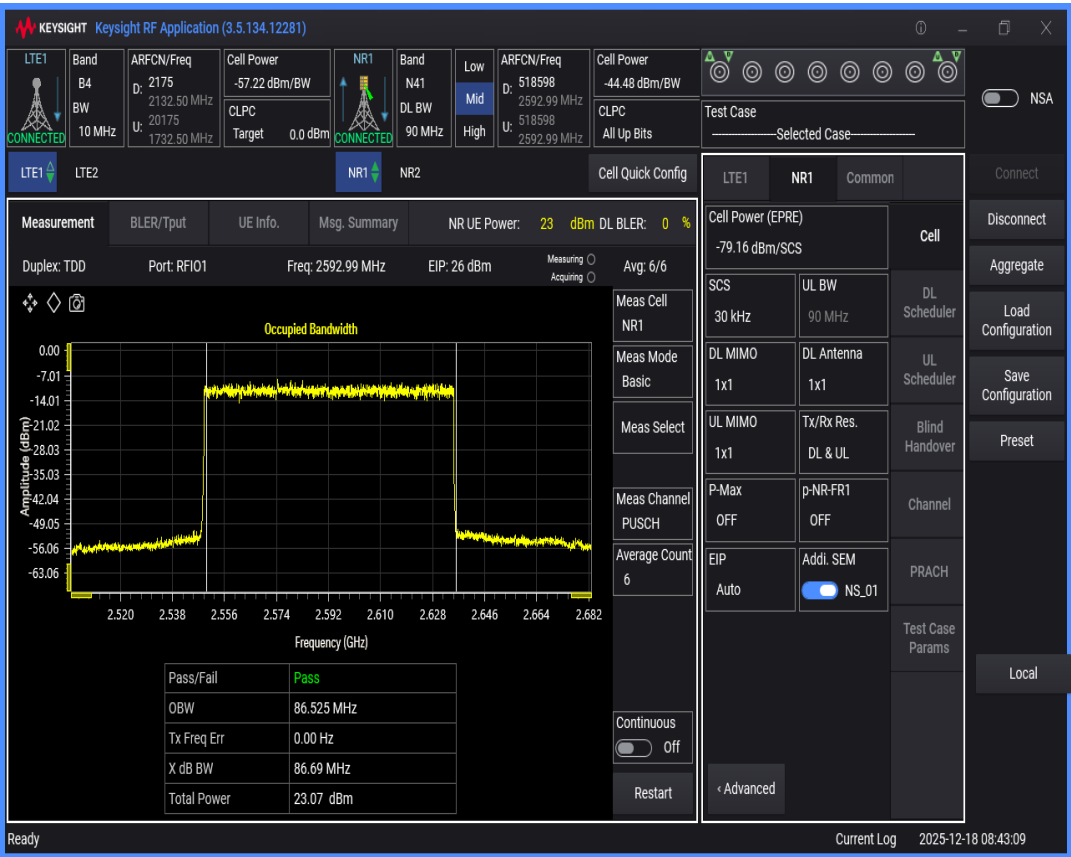
n41 SCS=30kHz DFT_QAM64 BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_QAM64 BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QPSK BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QPSK BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



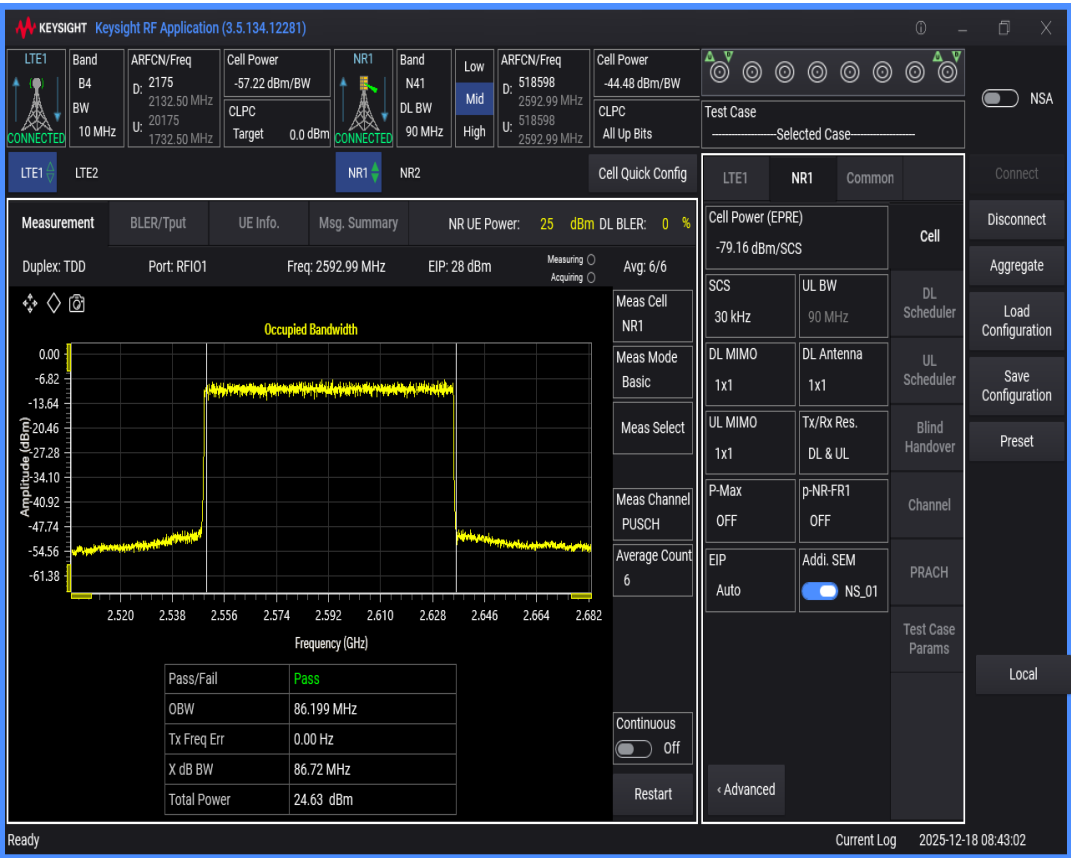
n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=518598 RB=216@0



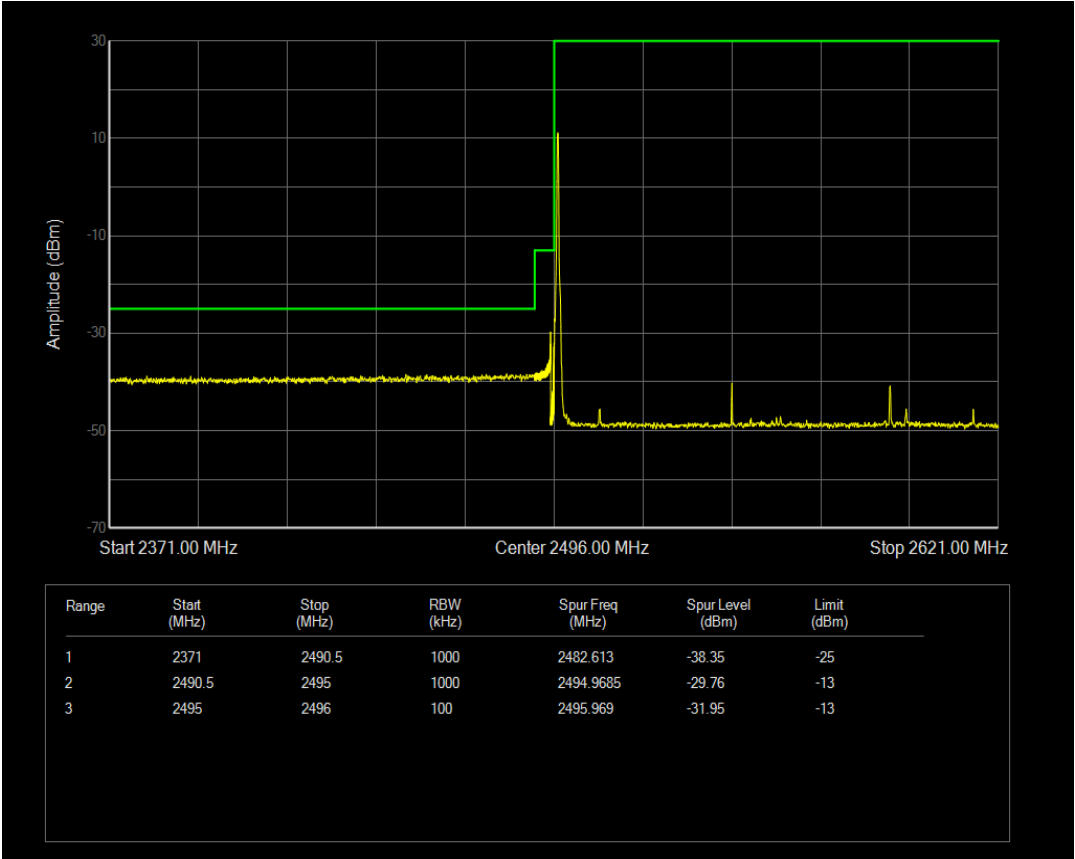
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0



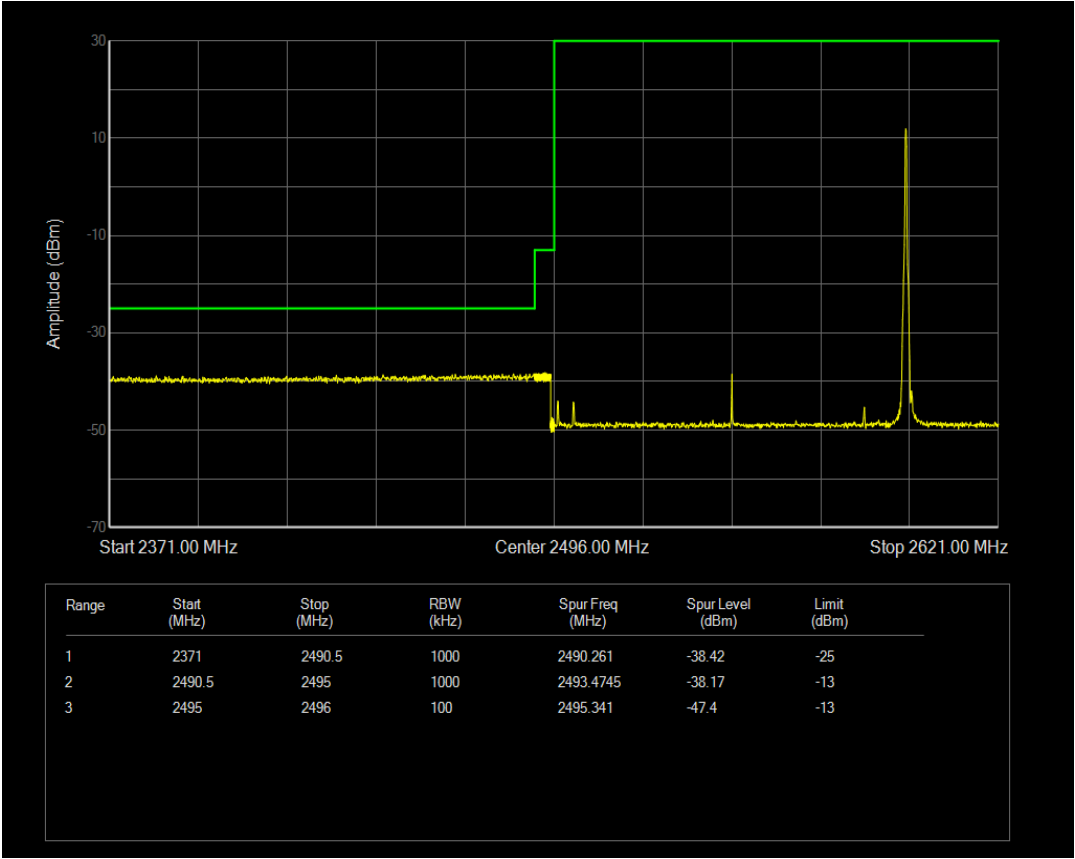
5 Band edge for EN-DC

<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
n41	30	20	501204	51@0	CP_QPSK	2488.18	-34.33	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2489.25	-38.18	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2485.84	-37.38	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2712.89	-36.15	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2714.49	-38.28	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2712.09	-38.26	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2484.52	-37.59	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2483.38	-38.31	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2480.41	-38.39	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2690.01	-22.37	-10	PASS
n41	30	50	532998	1@0	CP_QPSK	2746.66	-38.26	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2742.24	-38.40	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2496.00	-20.61	-13	PASS
n41	30	100	509202	1@0	CP_QPSK	2482.61	-38.35	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2490.26	-38.42	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2690.01	-20.48	-10	PASS
n41	30	100	528000	1@0	CP_QPSK	2790.33	-38.63	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2802.13	-38.47	-25	PASS

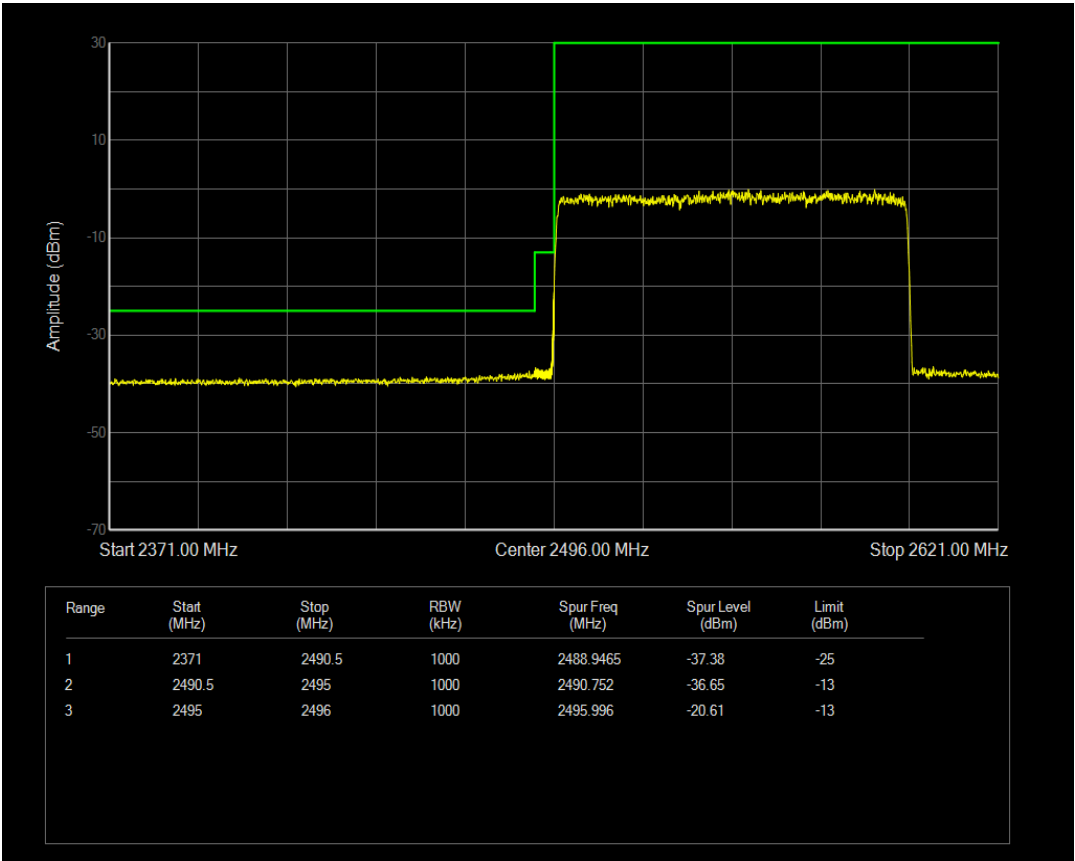
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0



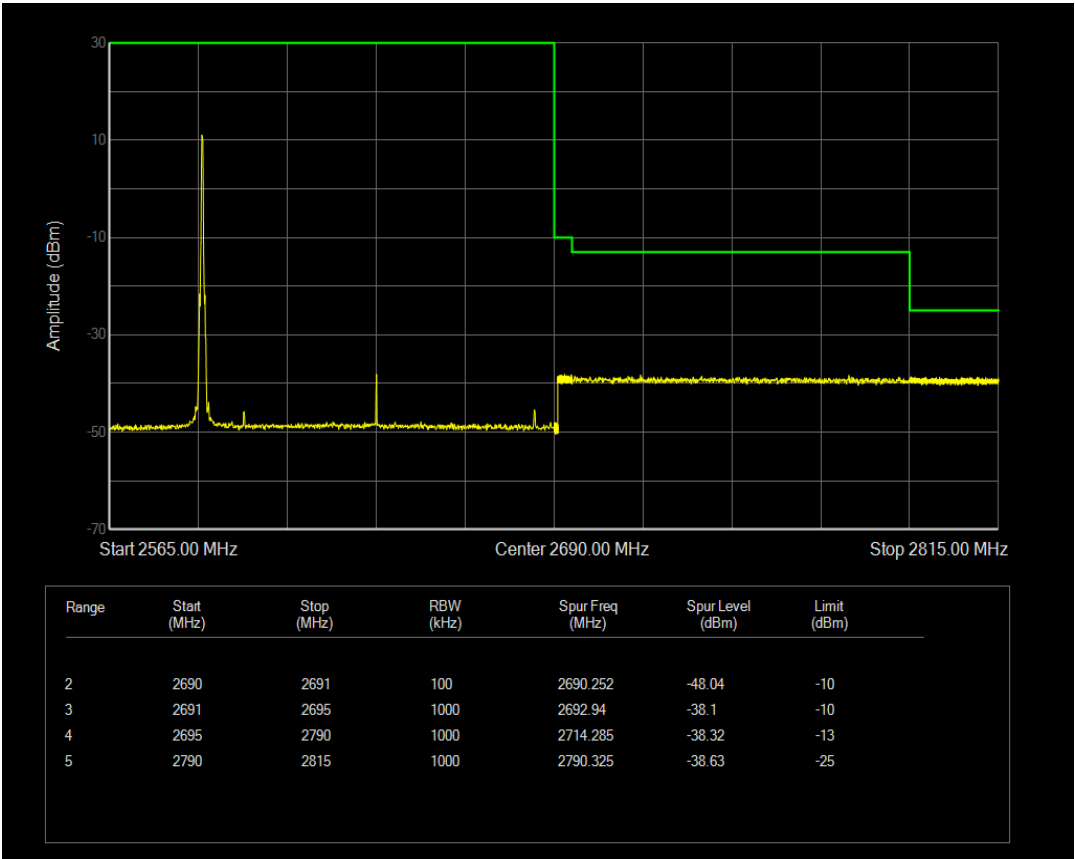
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272



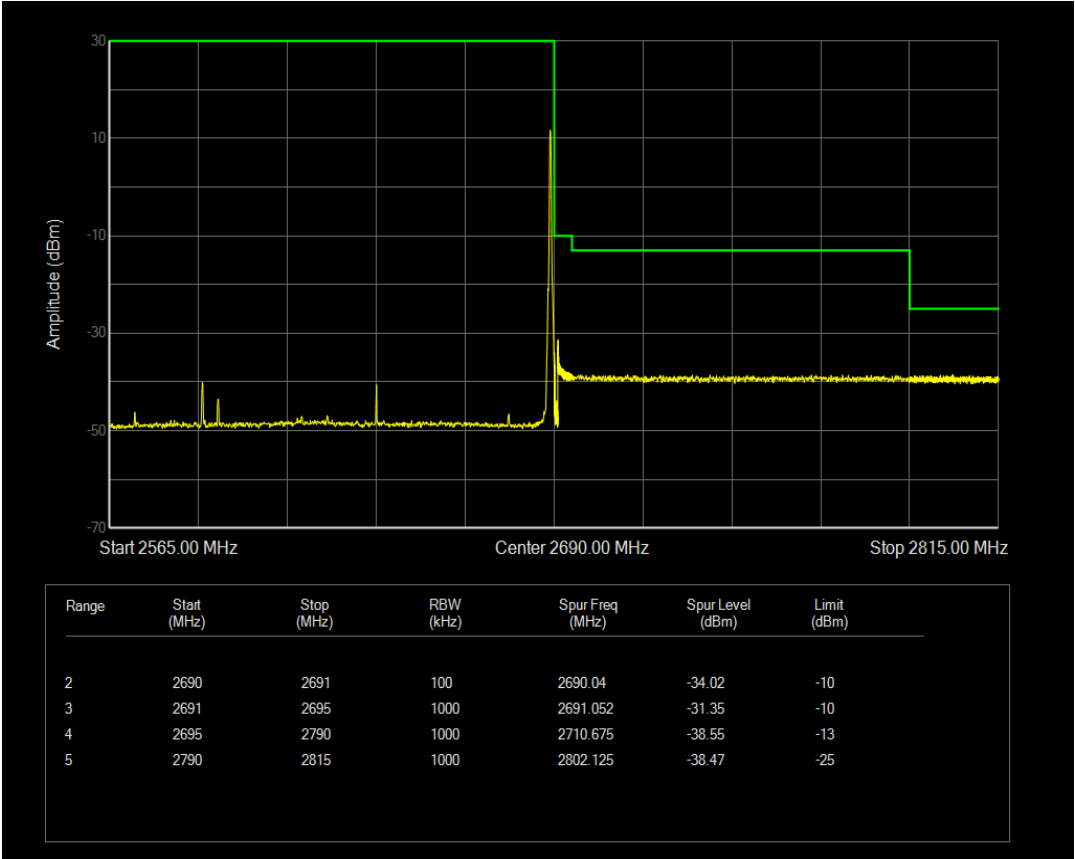
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0



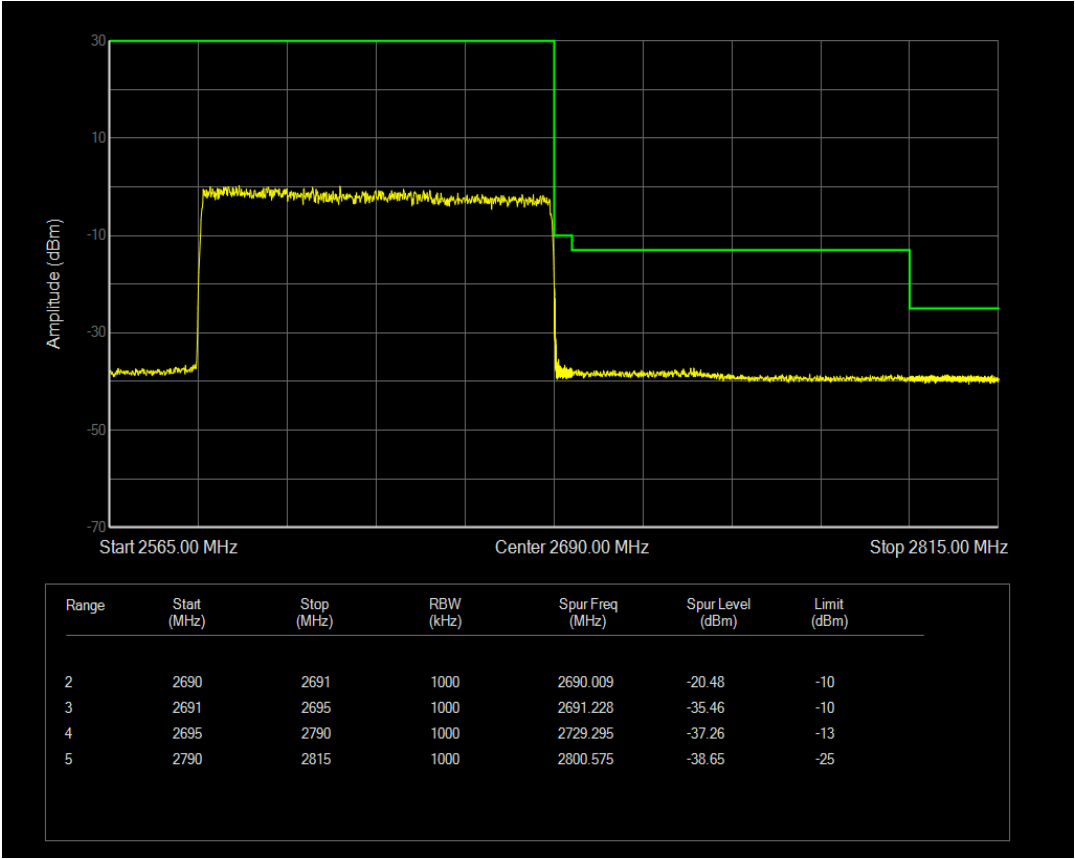
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0



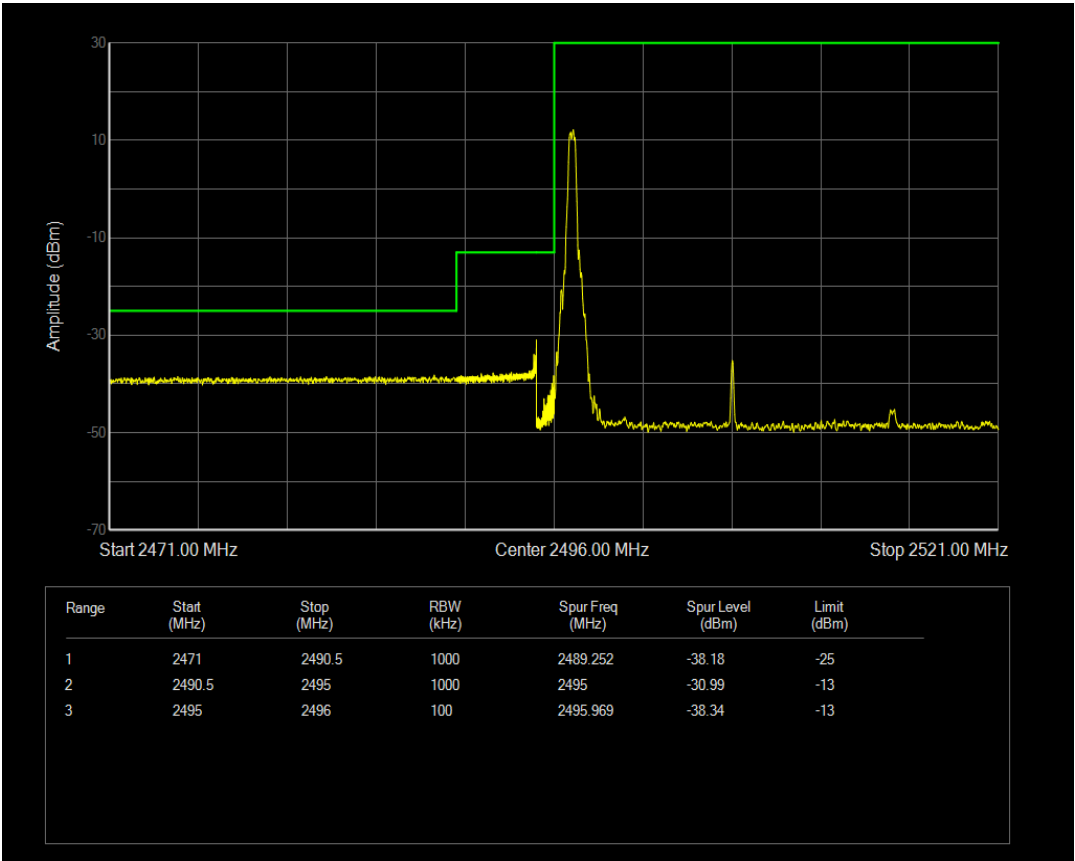
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272



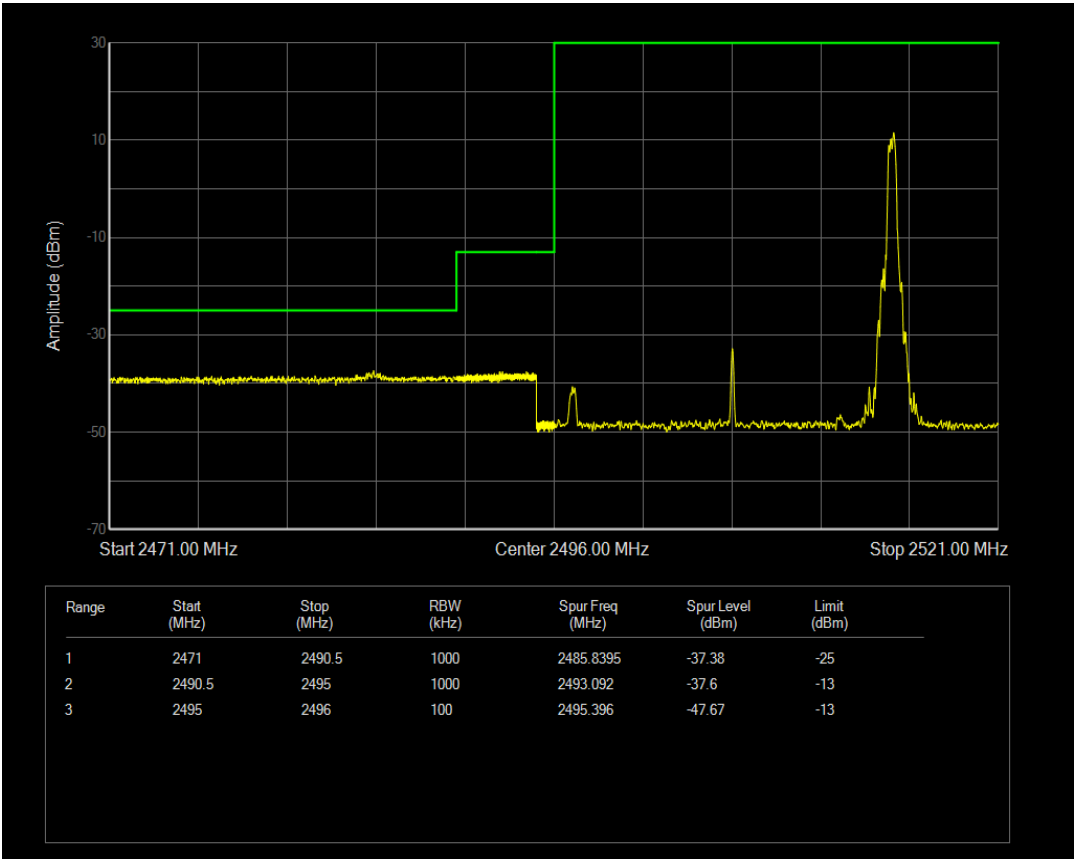
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0



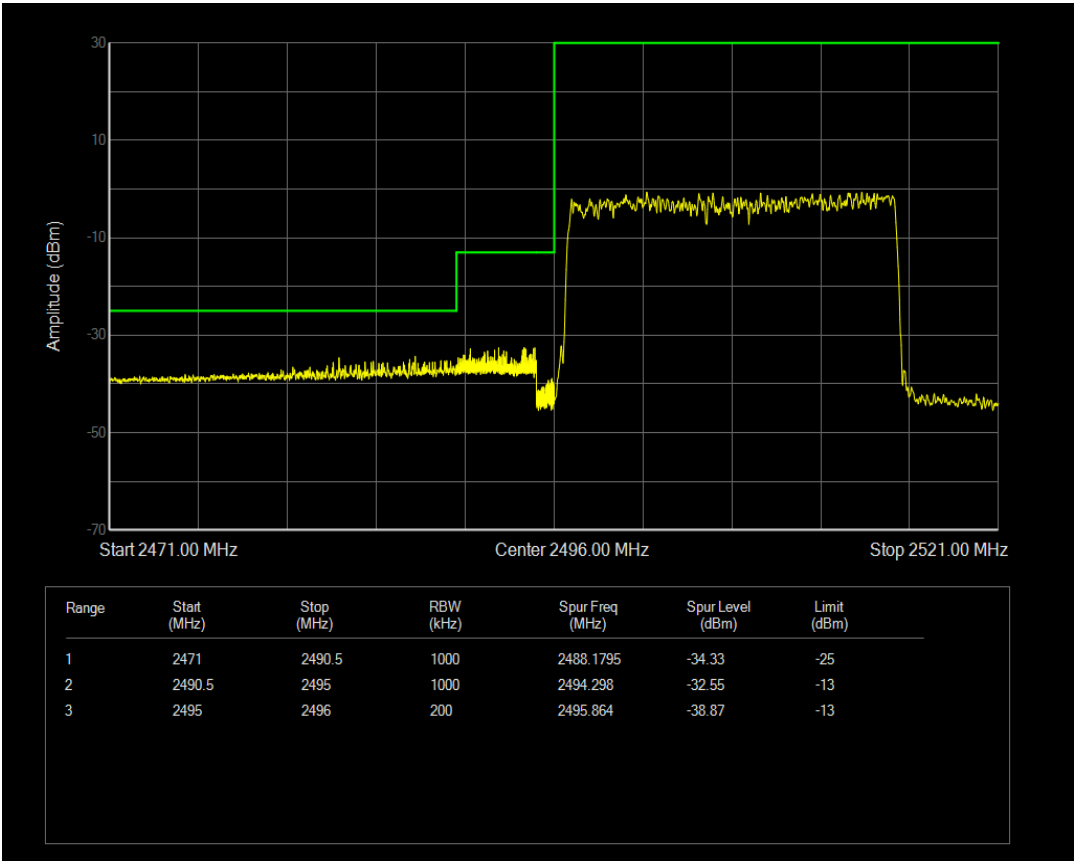
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0



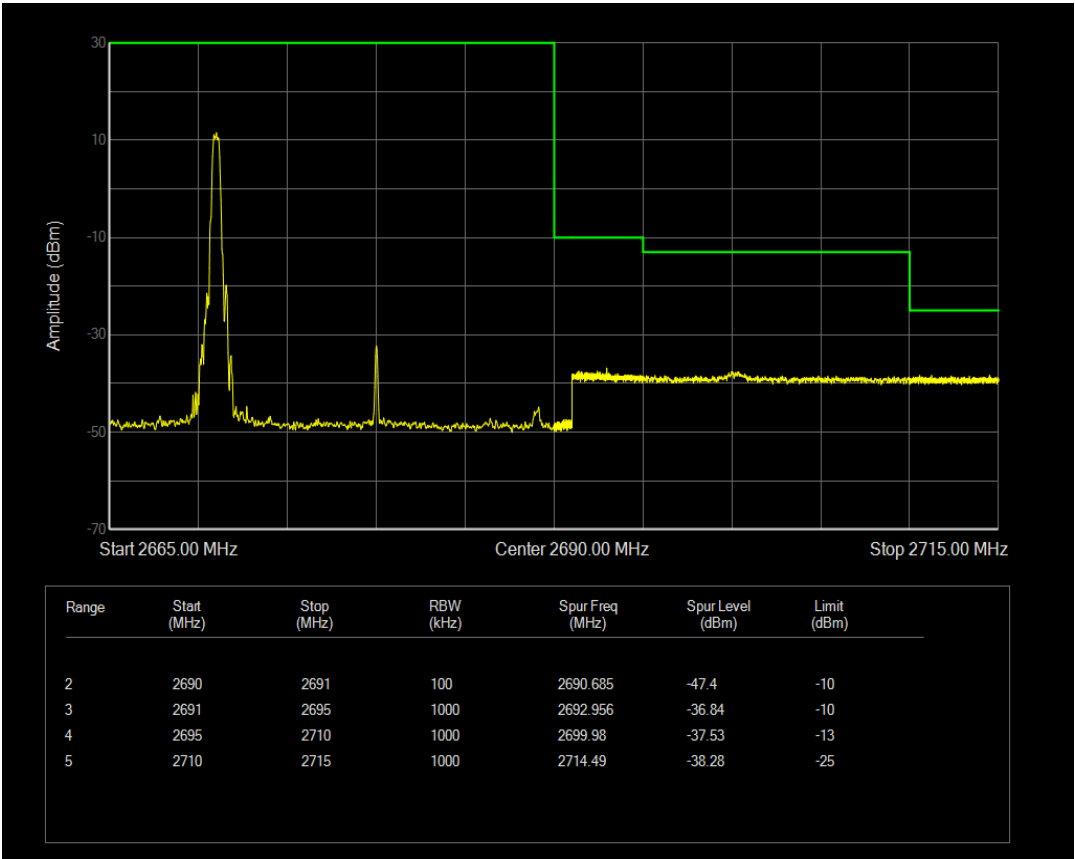
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50



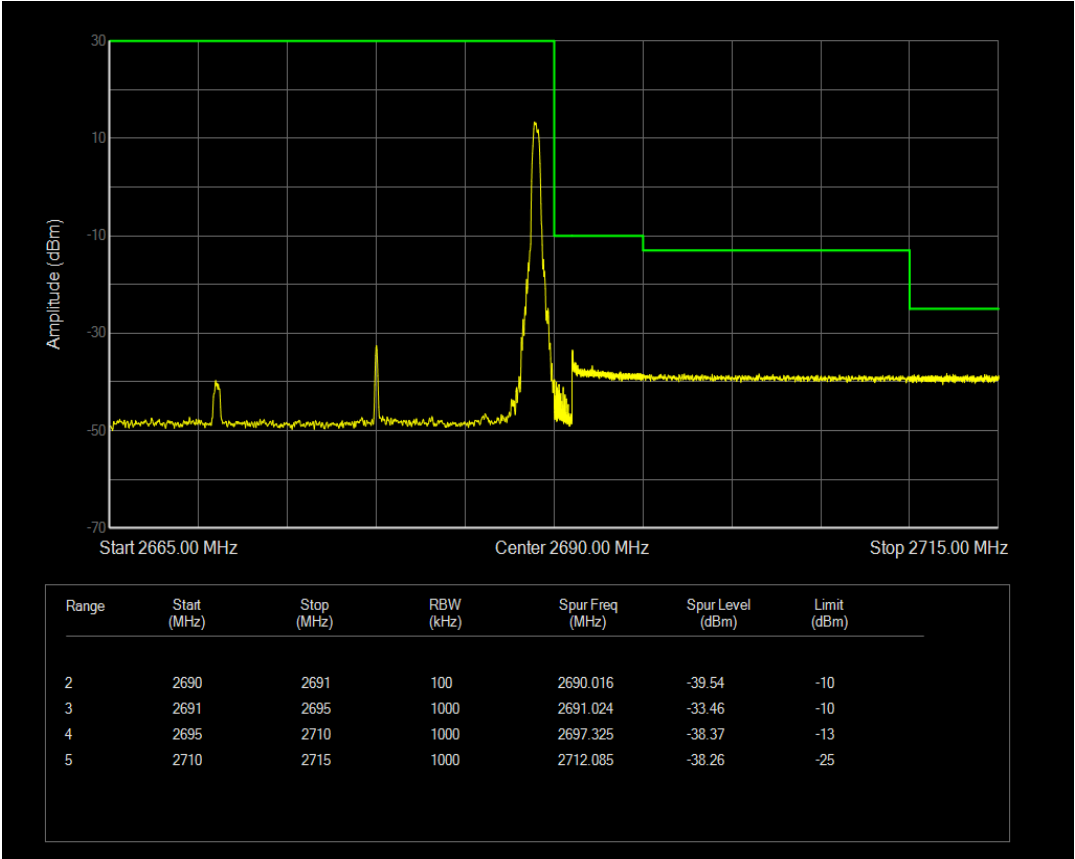
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0



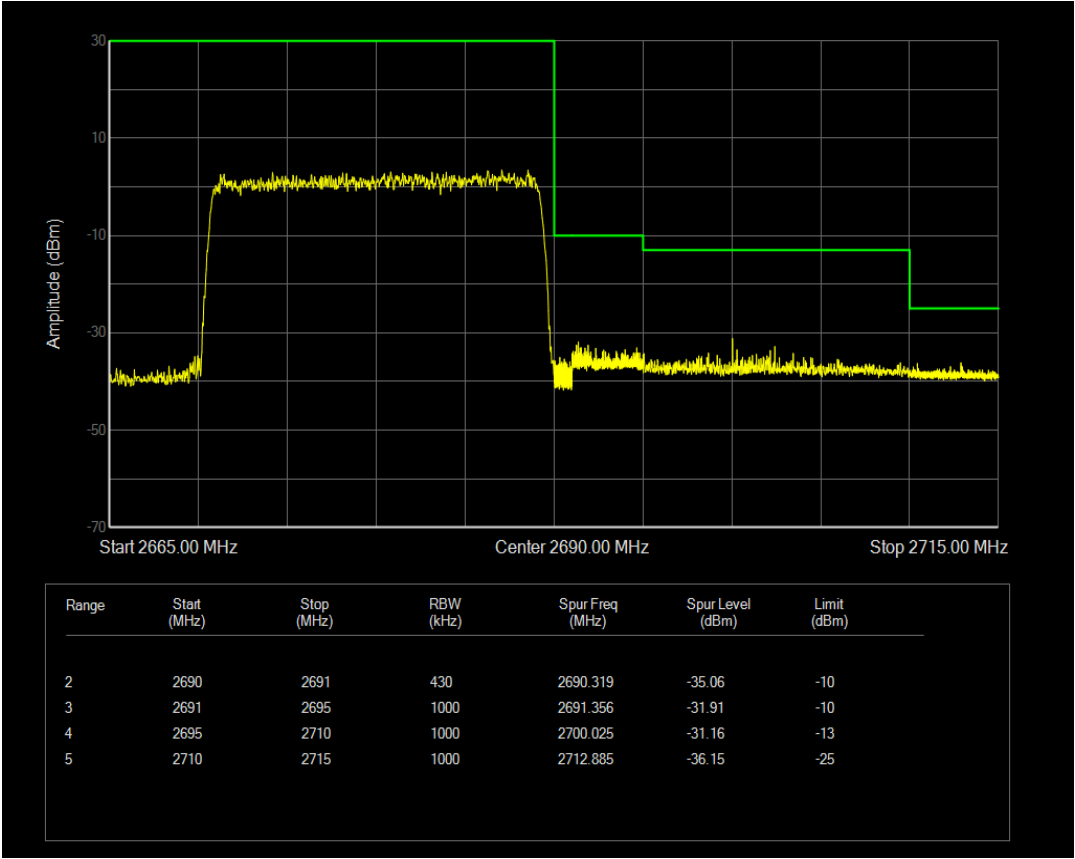
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@0



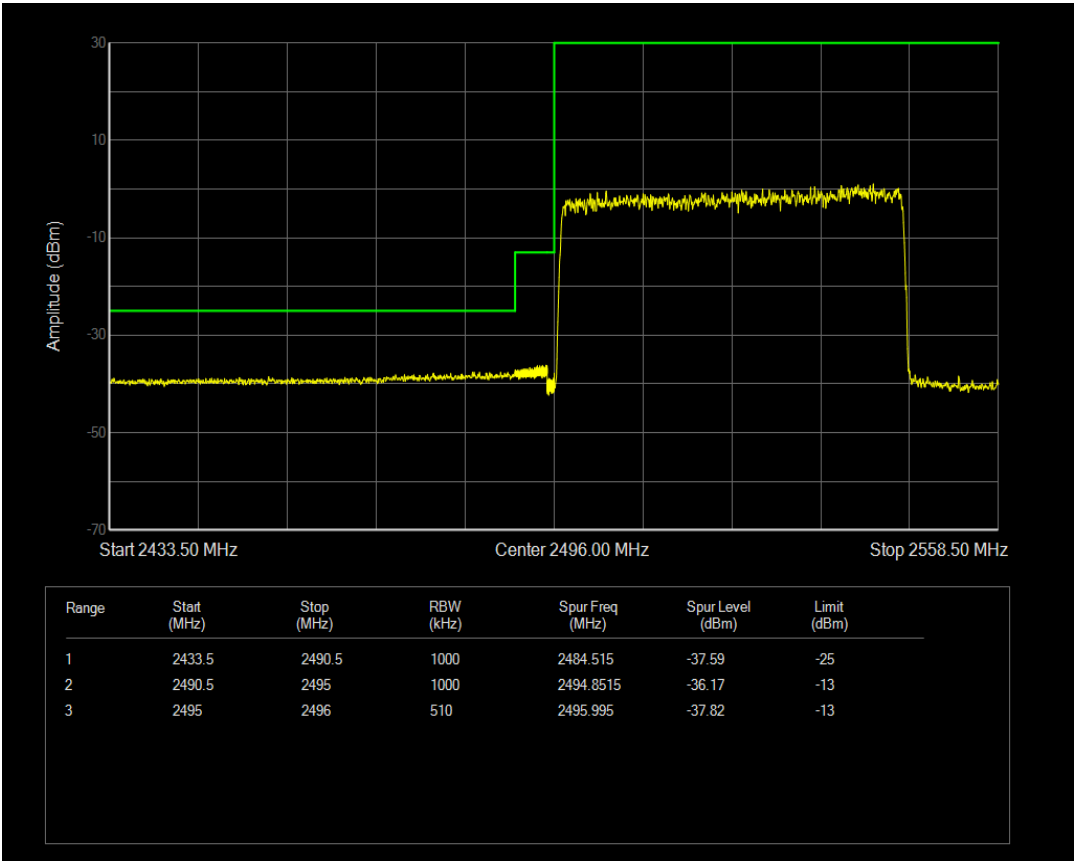
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50



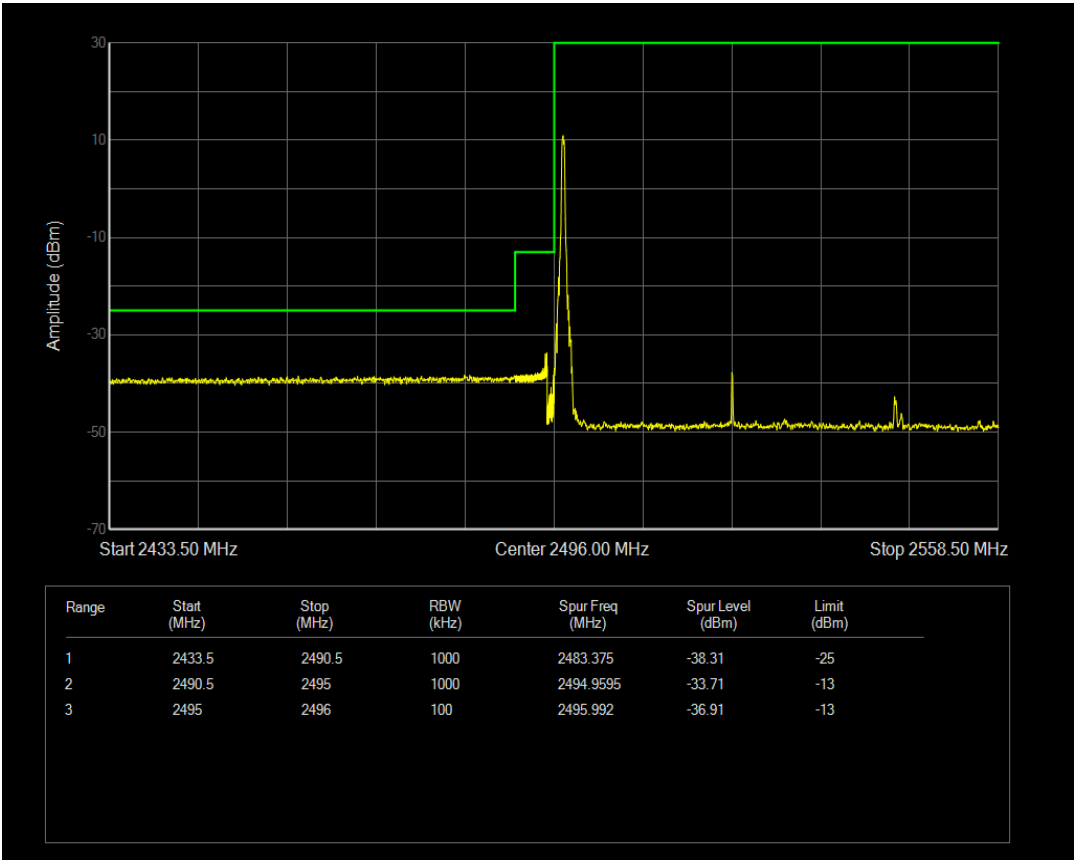
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0



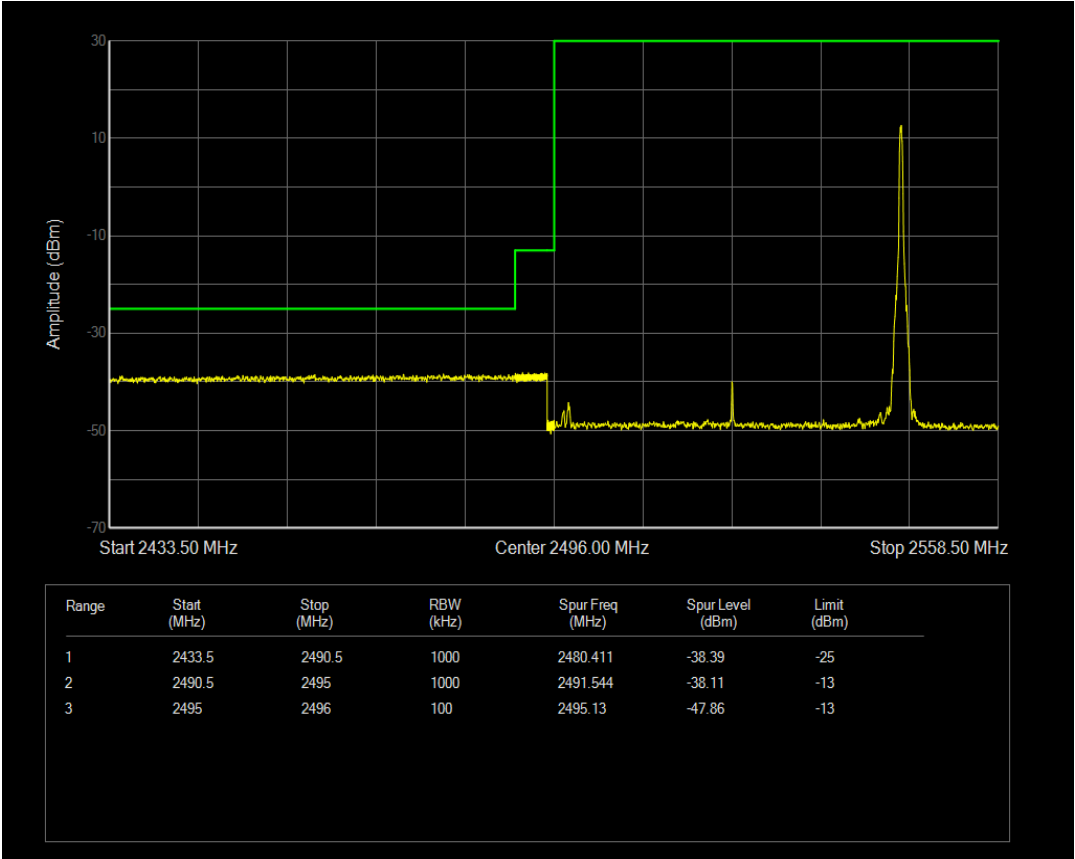
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=133@0



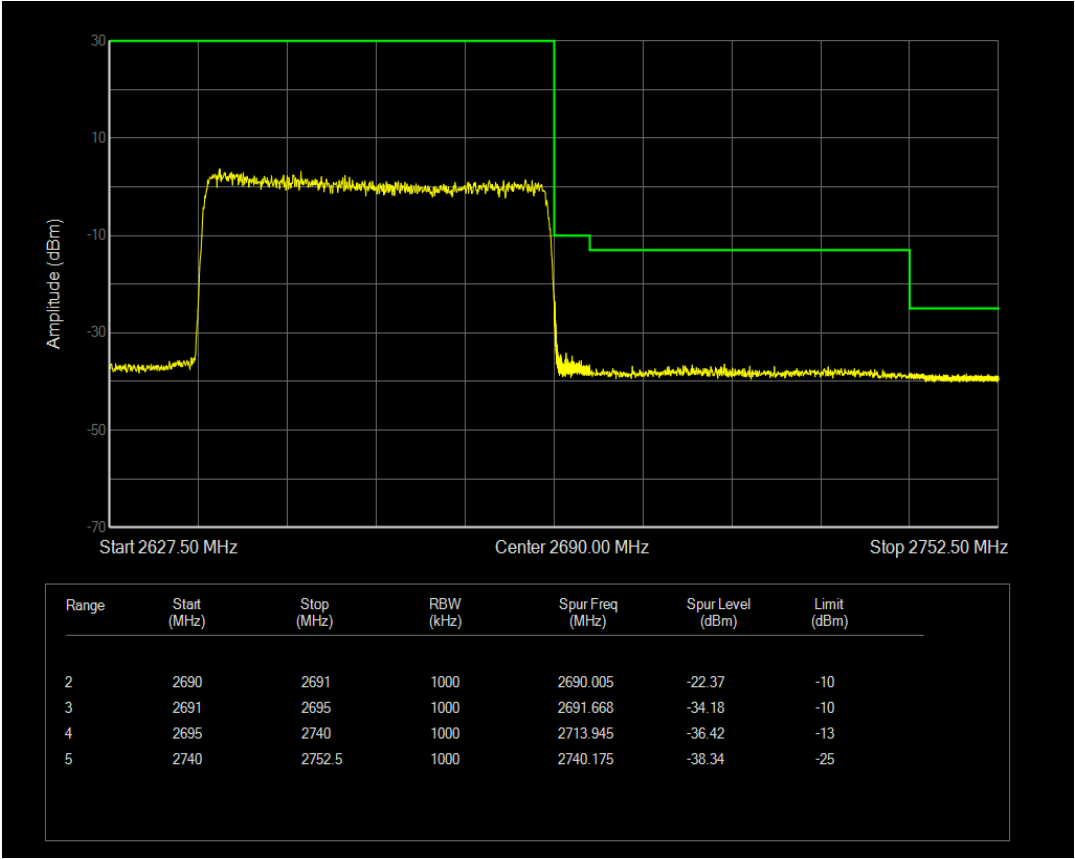
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@0



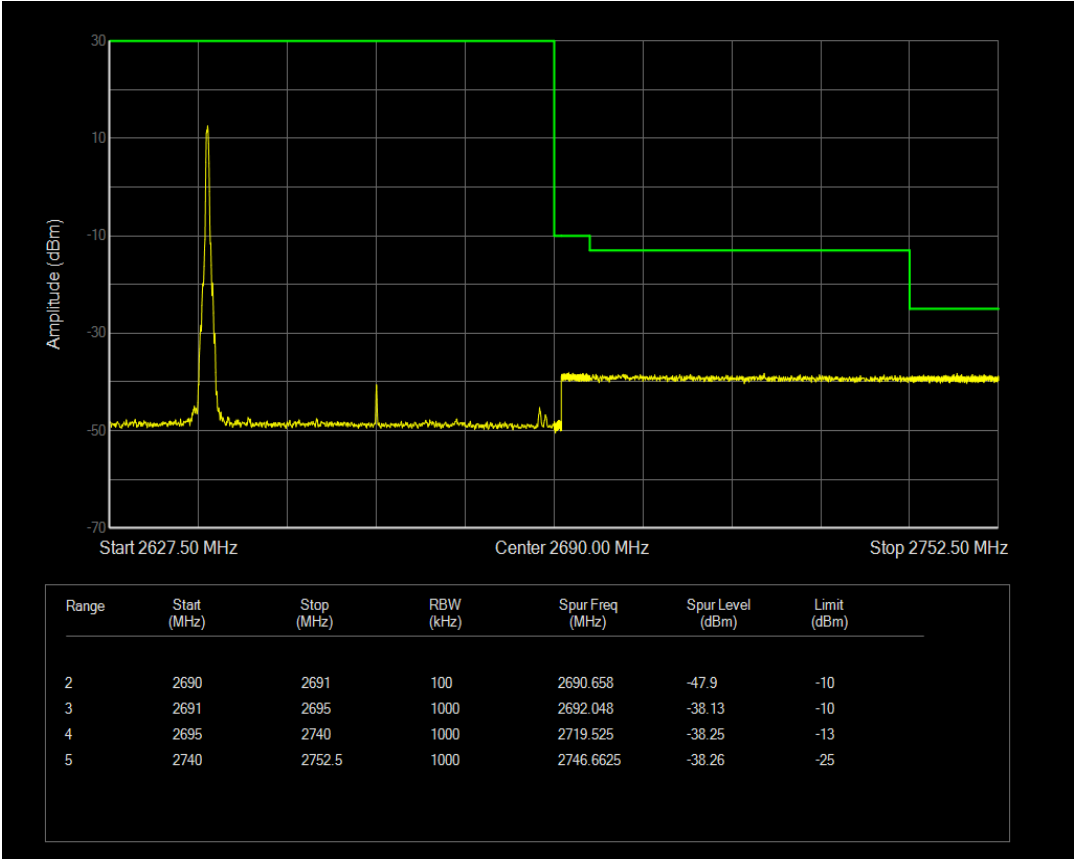
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@132



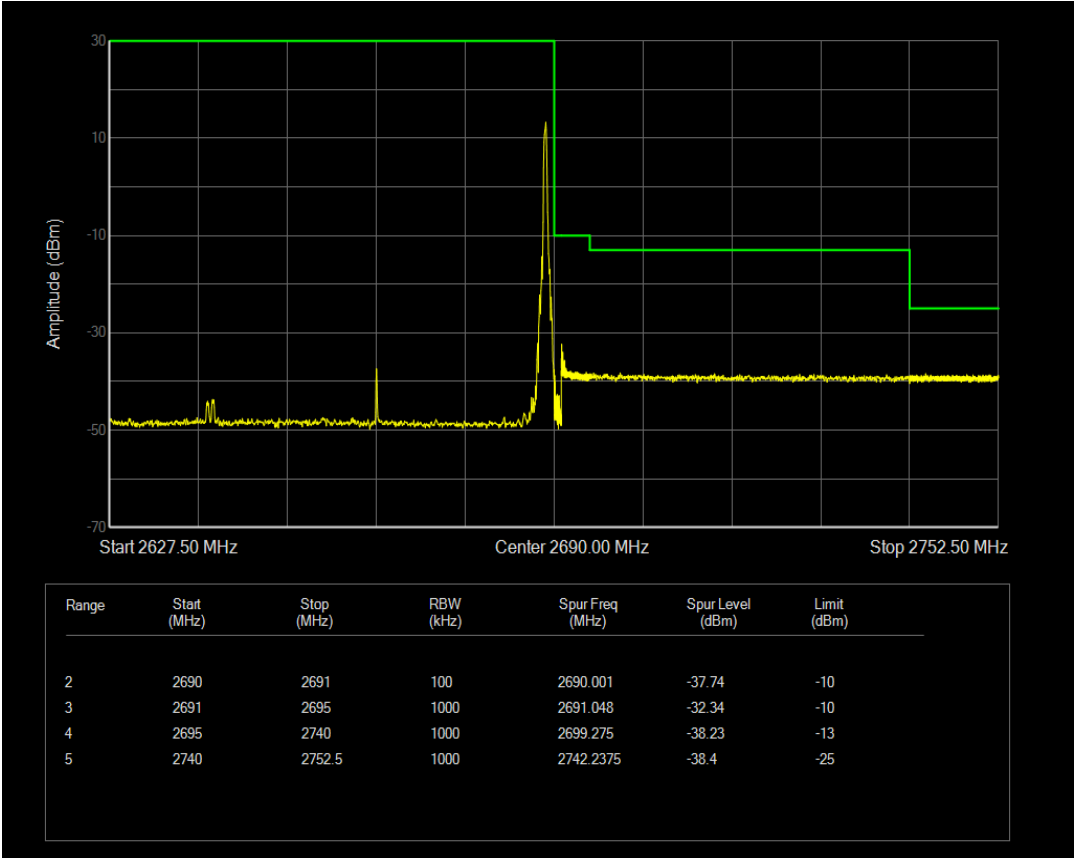
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=133@0



n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@0



n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@132



6 Out-of-band emissions for EN-DC

<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
n41	30	20	501204	51@0	CP_QPSK	26342.85	-31.88	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	26468.95	-31.79	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	1728.65	-25.50	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	26374.05	-31.59	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	5341.35	-30.96	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	5378.40	-27.20	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	25818.30	-30.83	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	26382.50	-31.09	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	24042.50	-31.44	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	26394.85	-31.81	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	5282.20	-29.05	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	5377.75	-27.37	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	26339.60	-30.32	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	25780.60	-31.14	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	26475.45	-31.70	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	26377.95	-31.52	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	26377.30	-31.19	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	5378.40	-29.96	-25	PASS

n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0

