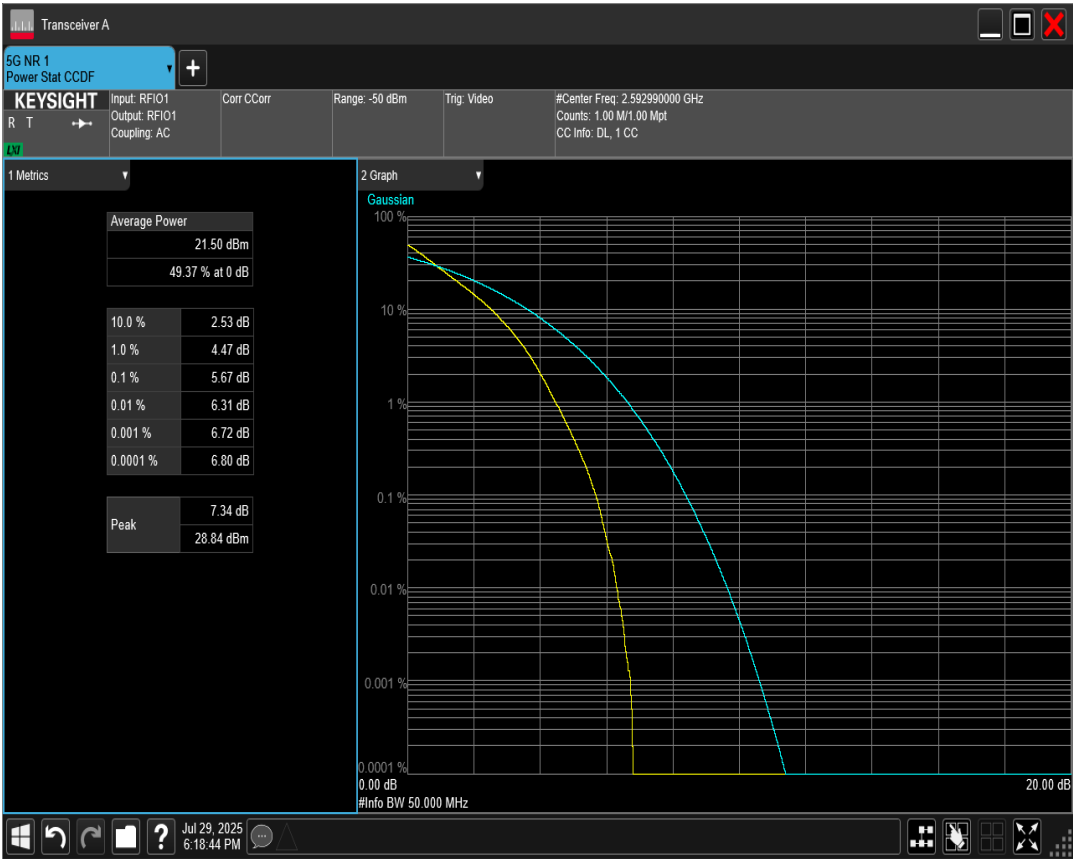
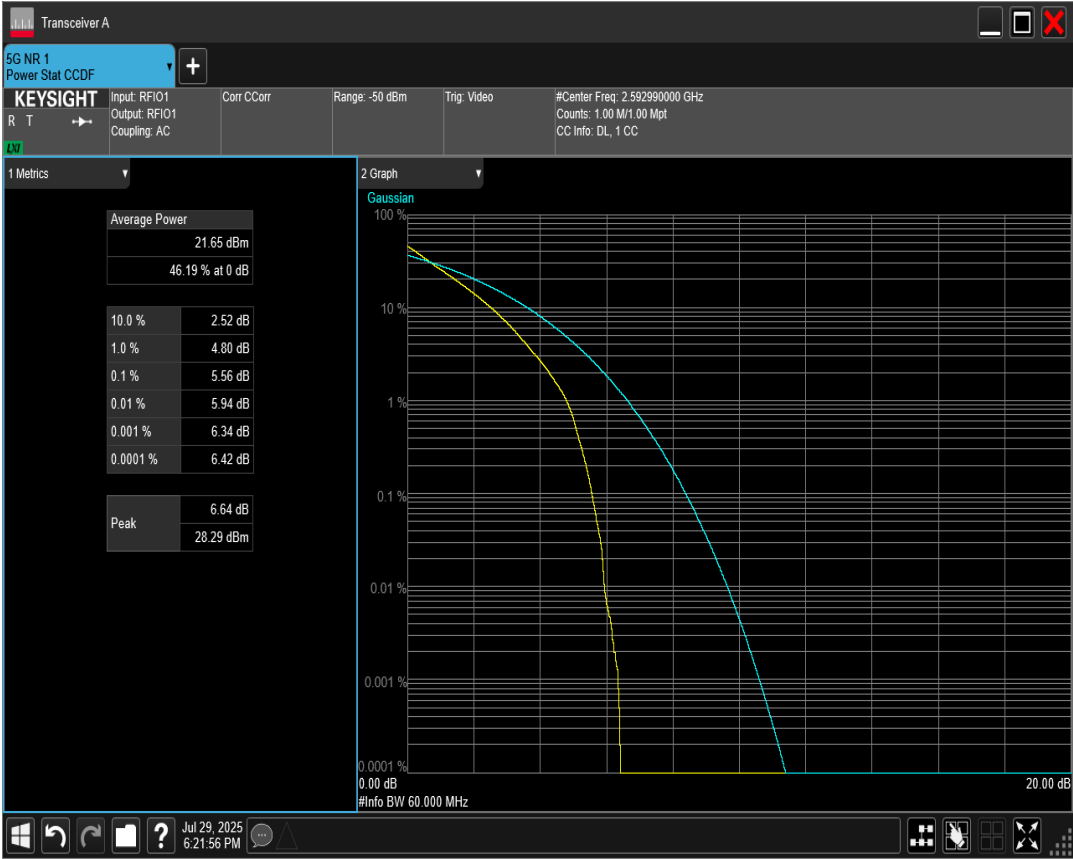


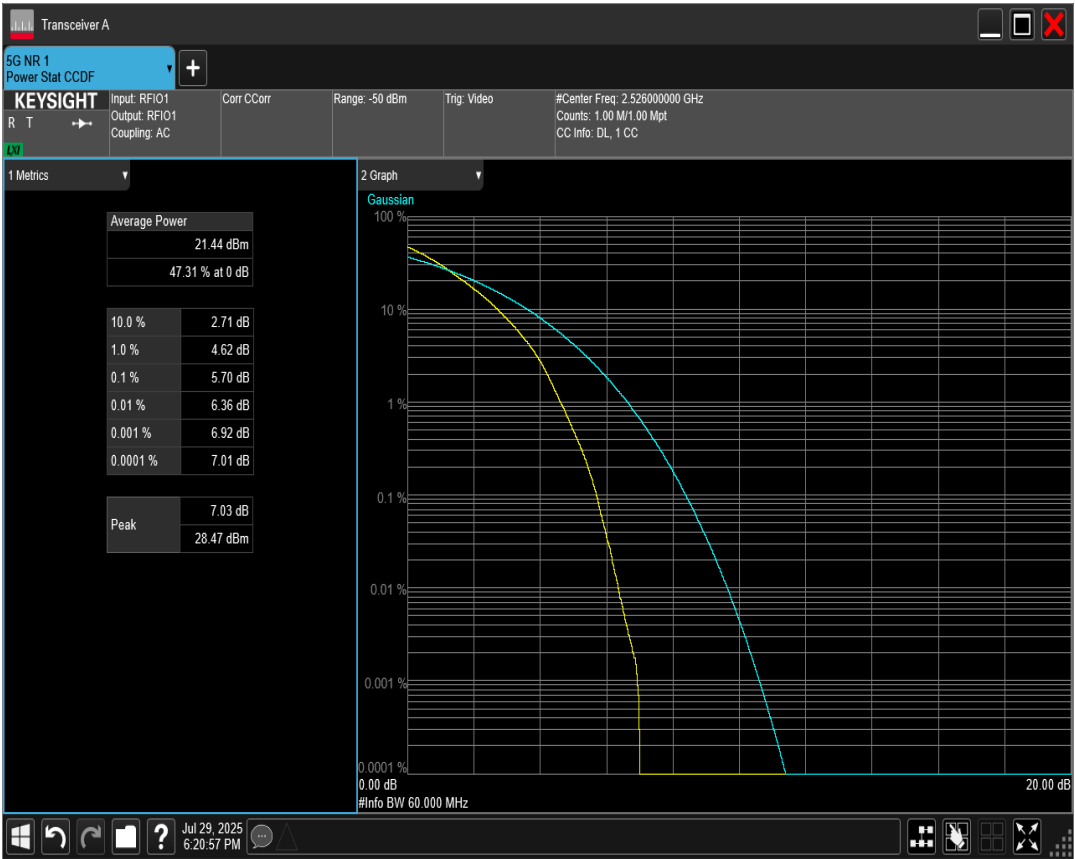
n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



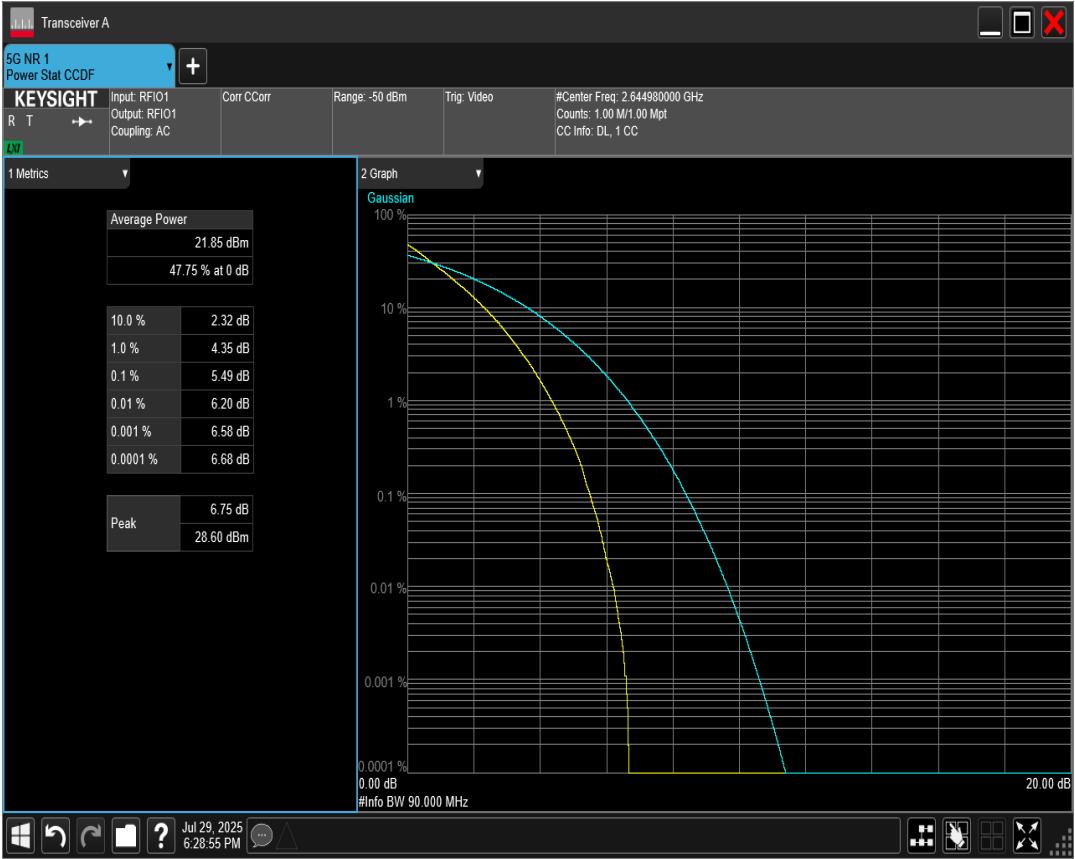
n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=518598 RB=162@0



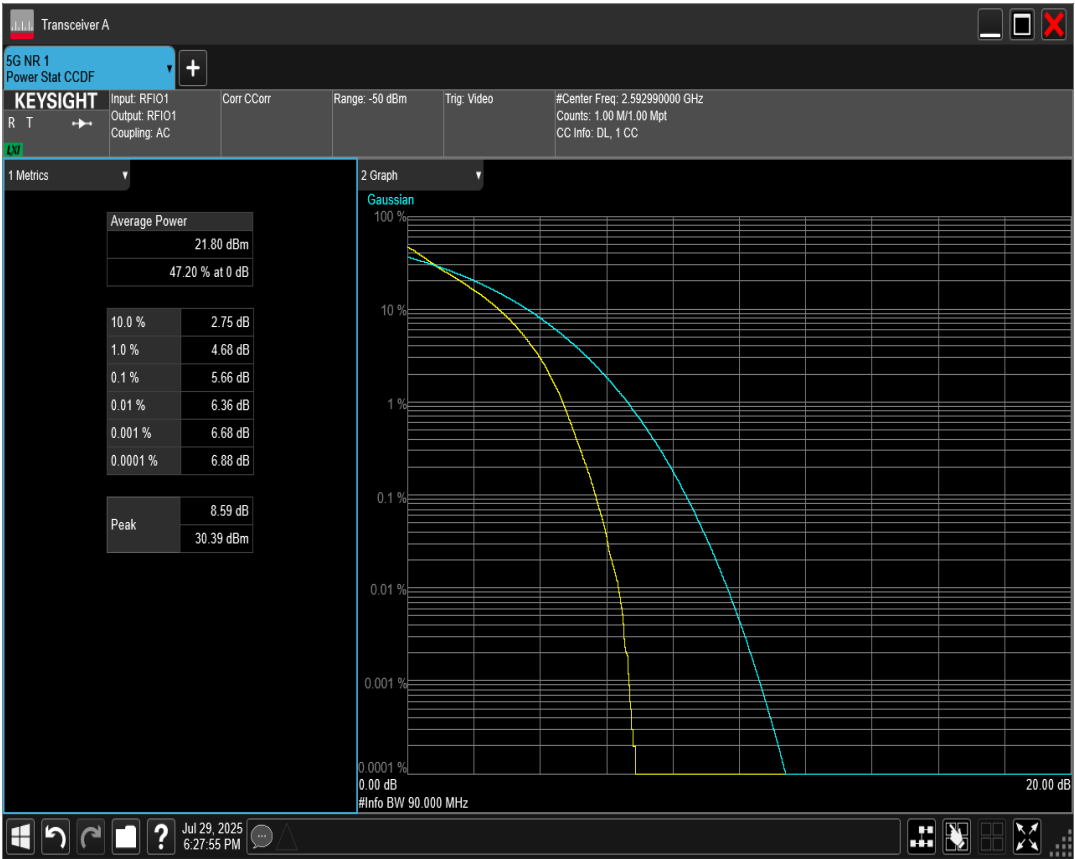
n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=505200 RB=162@0



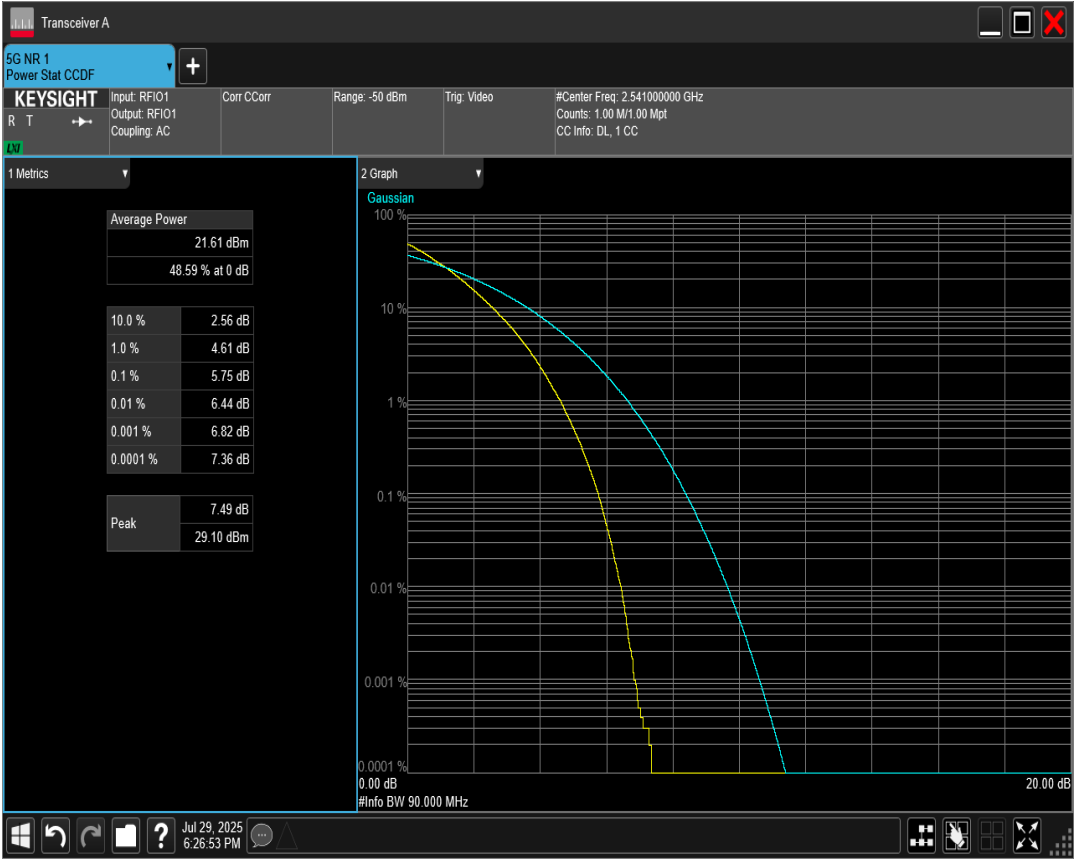
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=528996 RB=240@0



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



n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=508200 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	18.030	18.290	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.040	18.260	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.090	18.270	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.010	18.240	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.990	18.280	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.440	36.310	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.550	36.320	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.280	36.360	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.460	36.280	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.290	36.270	PASS
n41	30	50	518598	128@0	DFT_BPSK	46.890	46.460	PASS
n41	30	50	518598	128@0	DFT_QPSK	46.880	46.440	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.940	46.380	PASS
n41	30	50	518598	128@0	DFT_QAM64	46.830	46.390	PASS
n41	30	50	518598	128@0	DFT_QAM256	46.700	46.470	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.620	58.600	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.700	58.630	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.690	58.530	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.700	58.630	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.770	58.630	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.040	78.070	PASS
n41	30	80	518598	216@0	DFT_QPSK	76.960	78.030	PASS
n41	30	80	518598	216@0	DFT_QAM16	76.920	78.020	PASS
n41	30	80	518598	216@0	DFT_QAM64	76.960	78.080	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.030	78.010	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.280	86.760	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.460	86.760	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.310	86.750	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.200	86.800	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.310	86.750	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.440	97.500	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.320	97.520	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.420	97.560	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.410	97.520	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.310	97.510	PASS

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



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



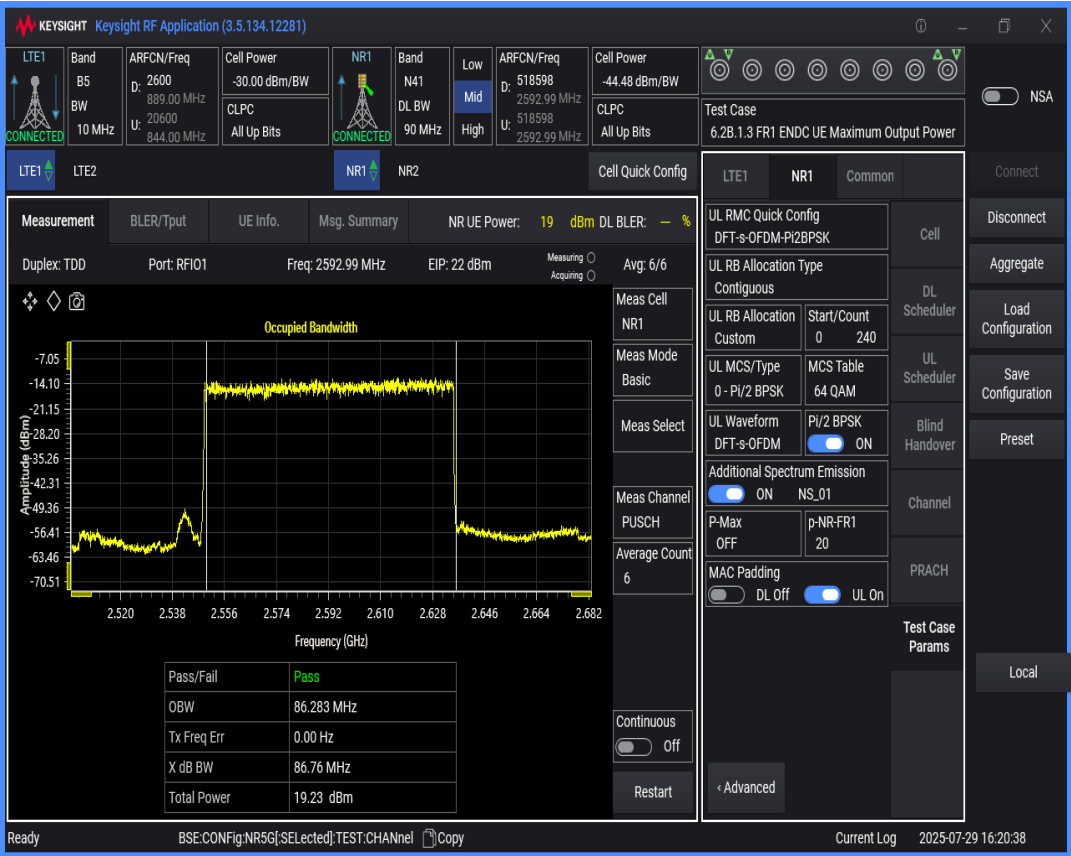
n41 SCS=30kHz DFT_QAM16 BW=50MHz Channel=518598 RB=128@0



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



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



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



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



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



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



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



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



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



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



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



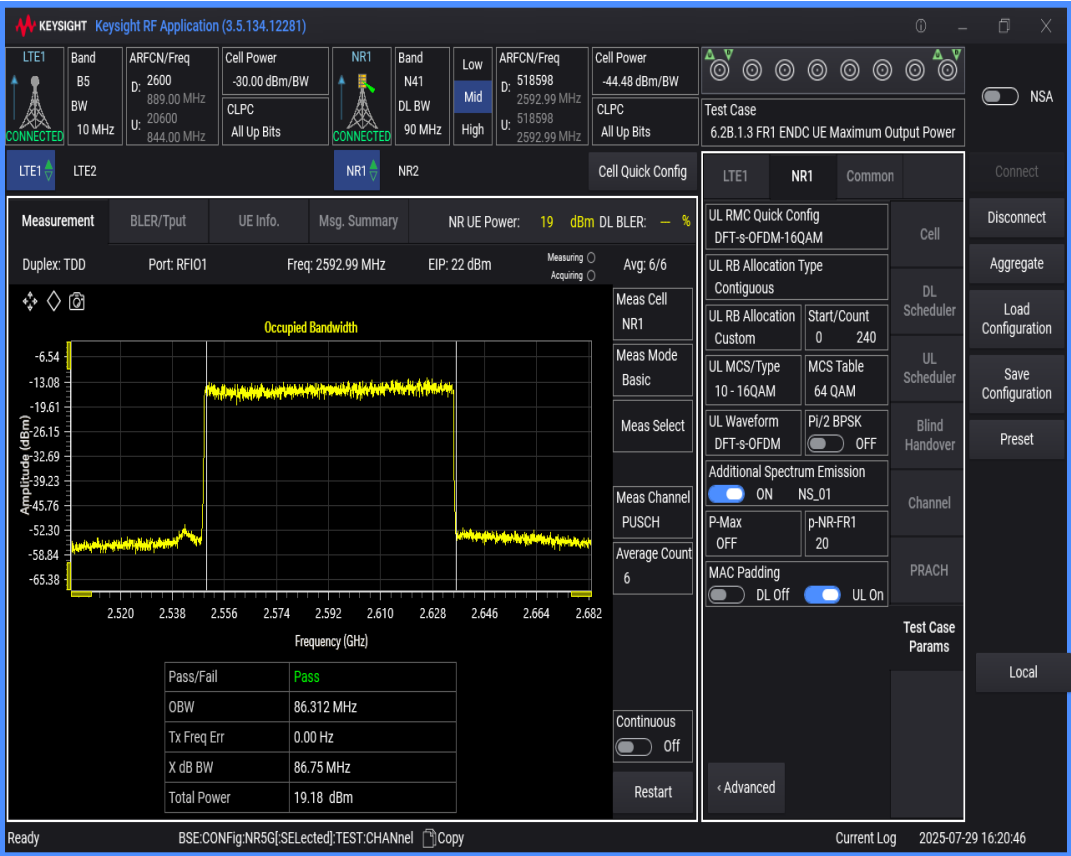
n41 SCS=30kHz DFT_QAM16 BW=60MHz Channel=518598 RB=162@0



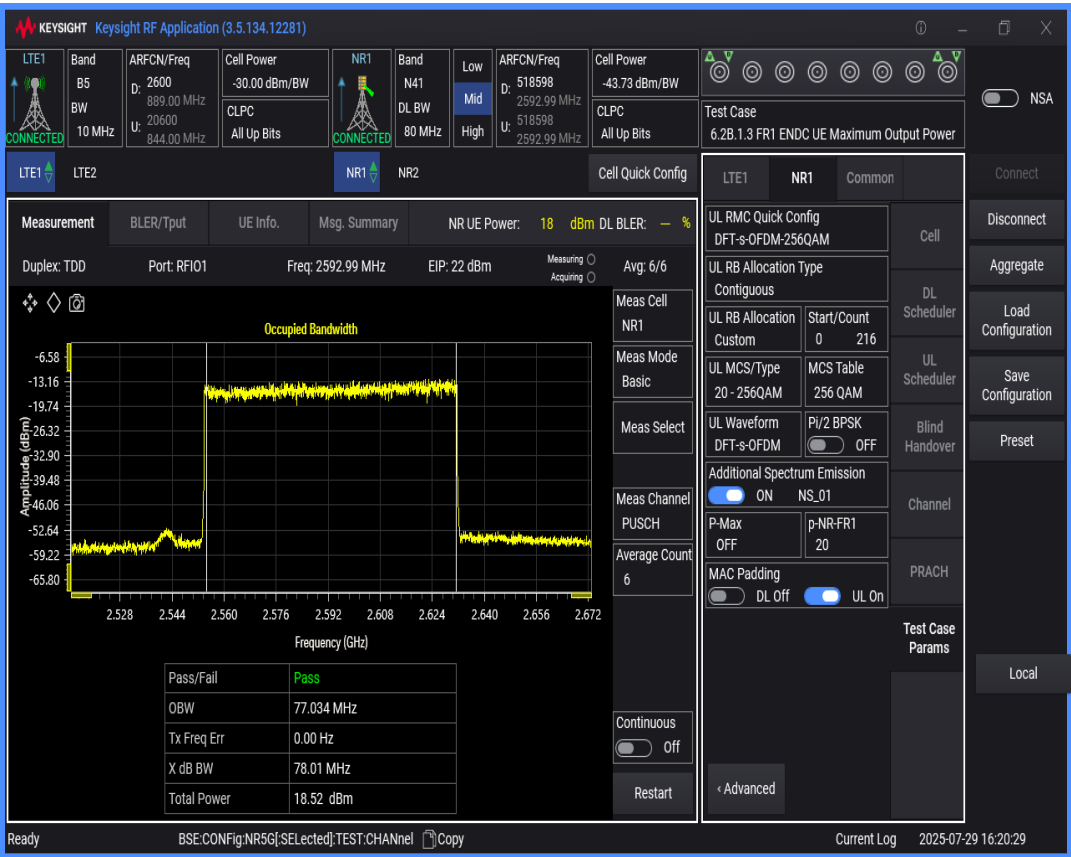
n41 SCS=30kHz DFT_QAM256 BW=100MHz Channel=518598 RB=270@0



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



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



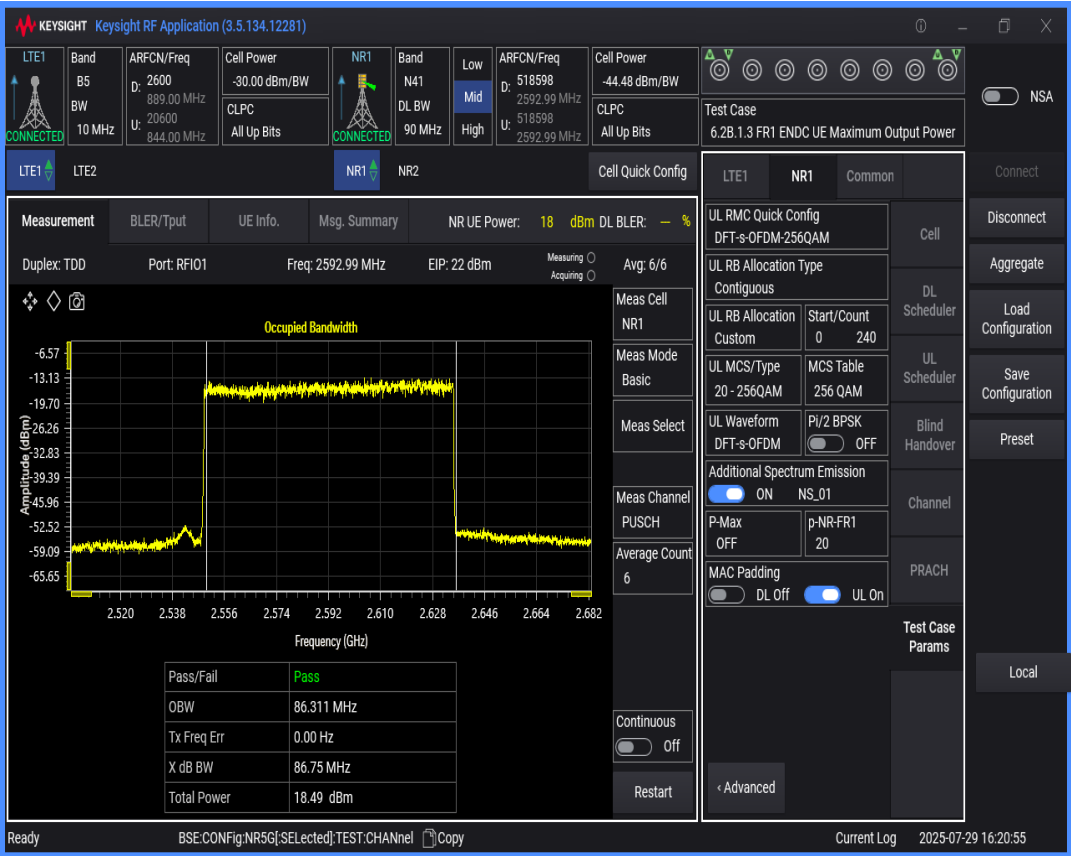
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n41 SCS=30kHz DFT_QAM64 BW=40MHz Channel=518598 RB=100@0



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_QPSK BW=60MHz Channel=518598 RB=162@0



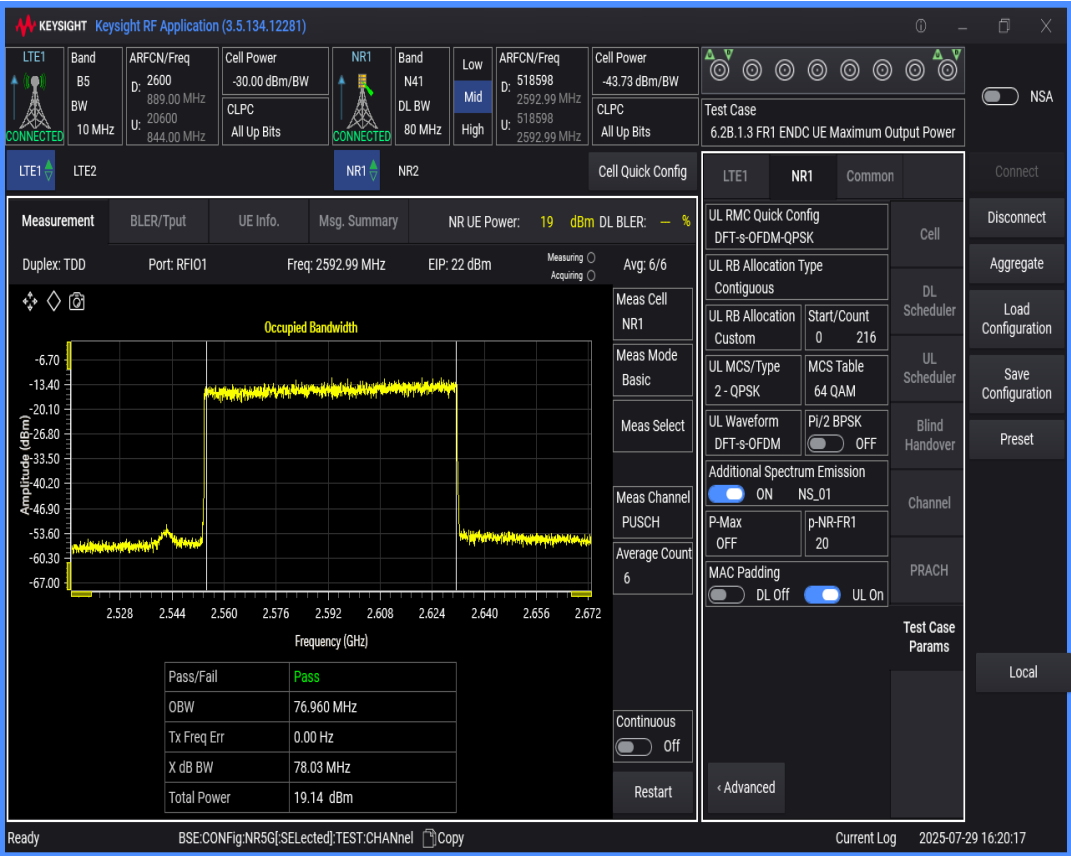
n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



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



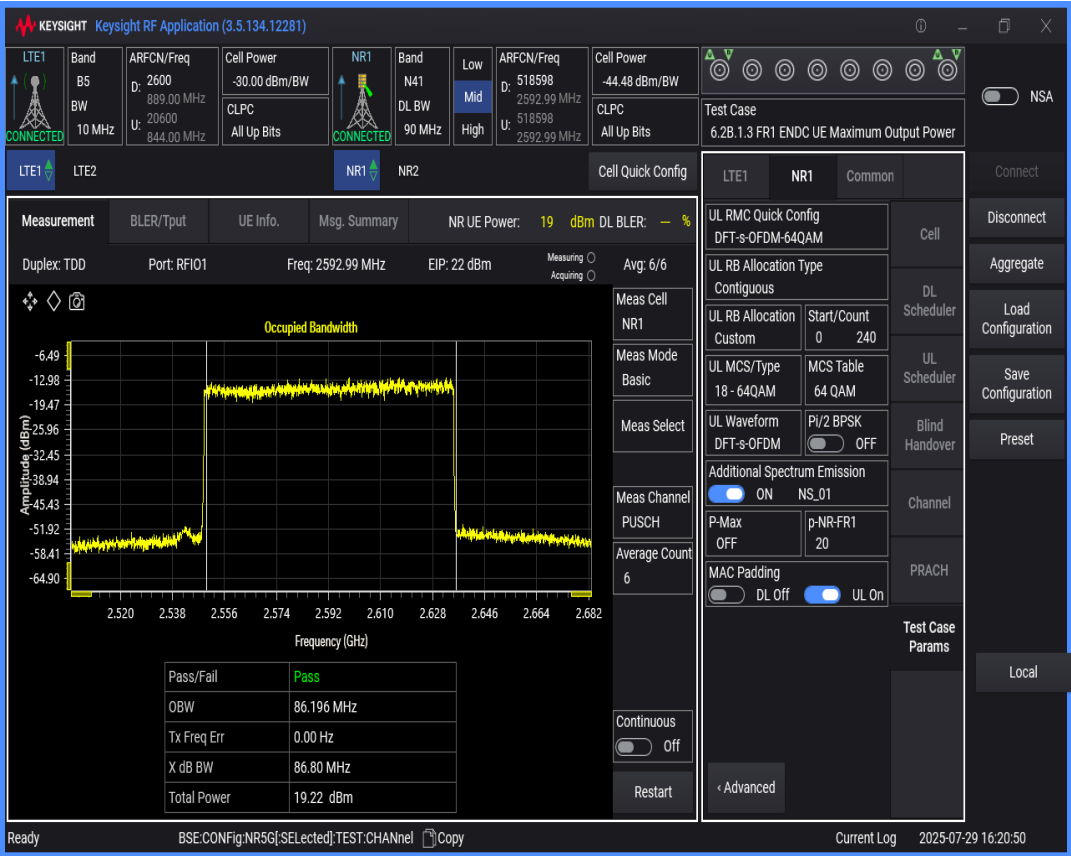
n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=518598 RB=216@0



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



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



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



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

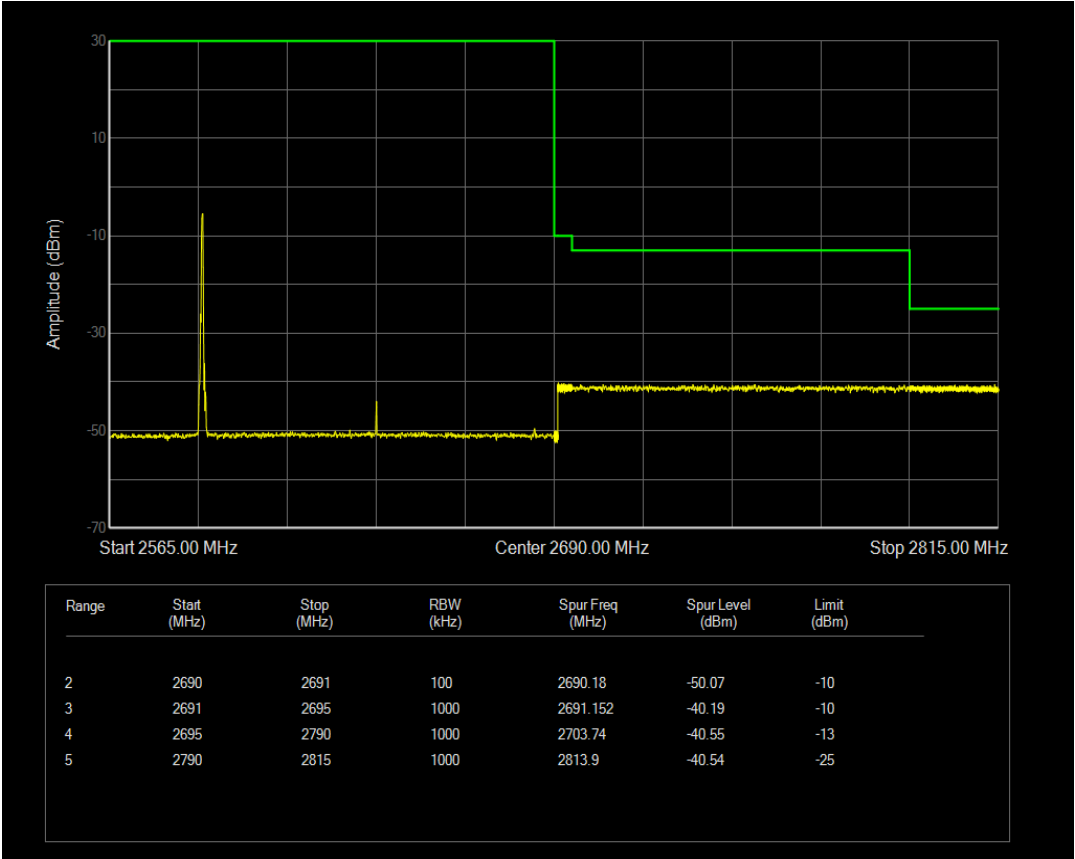


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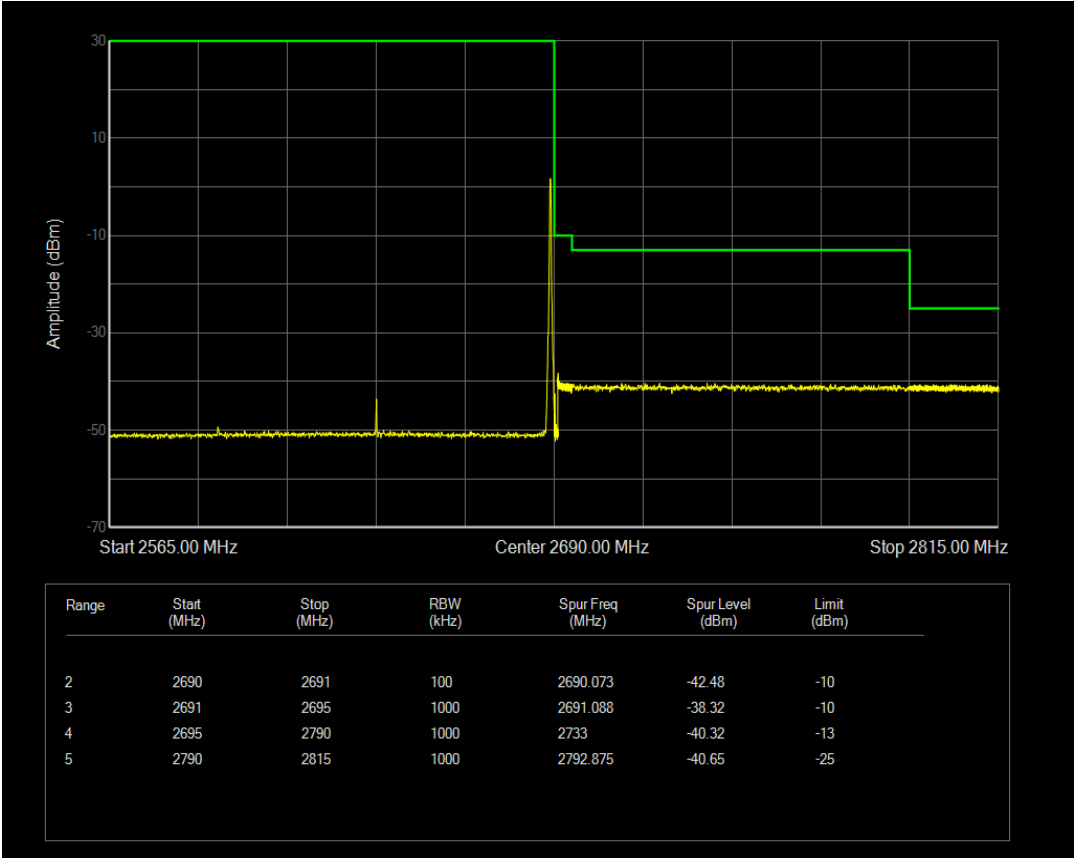
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	30	20	501204	51@0	CP_QPSK	2488.88	-39.36	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2489.92	-40.12	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2471.45	-40.27	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2711.12	-39.53	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2710.96	-40.51	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2713.88	-40.43	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2487.71	-40.27	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2455.27	-40.44	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2444.79	-40.45	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2743.74	-40.41	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	2748.35	-40.44	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2741.00	-40.52	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2495.97	-28.16	-13	PASS
n41	30	100	509202	1@0	CP_QPSK	2486.56	-40.43	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2470.90	-40.56	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2814.98	-40.57	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	2813.90	-40.54	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2792.88	-40.65	-25	PASS

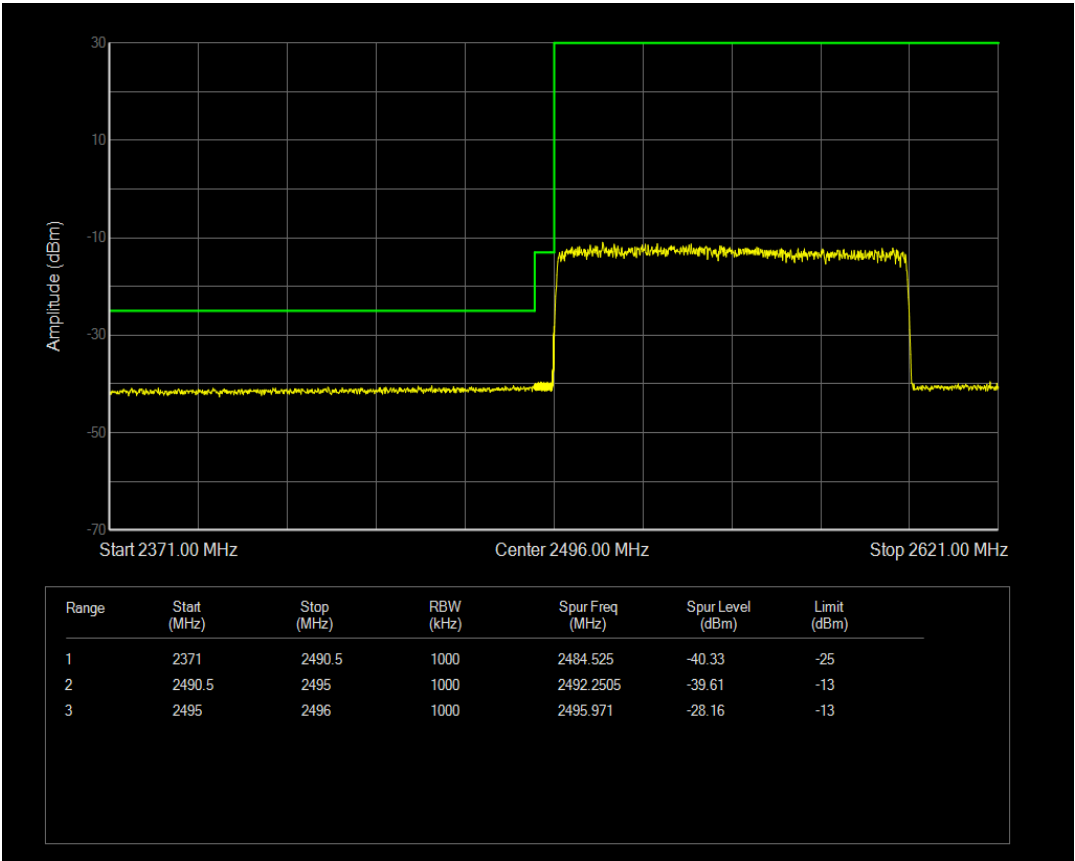
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0



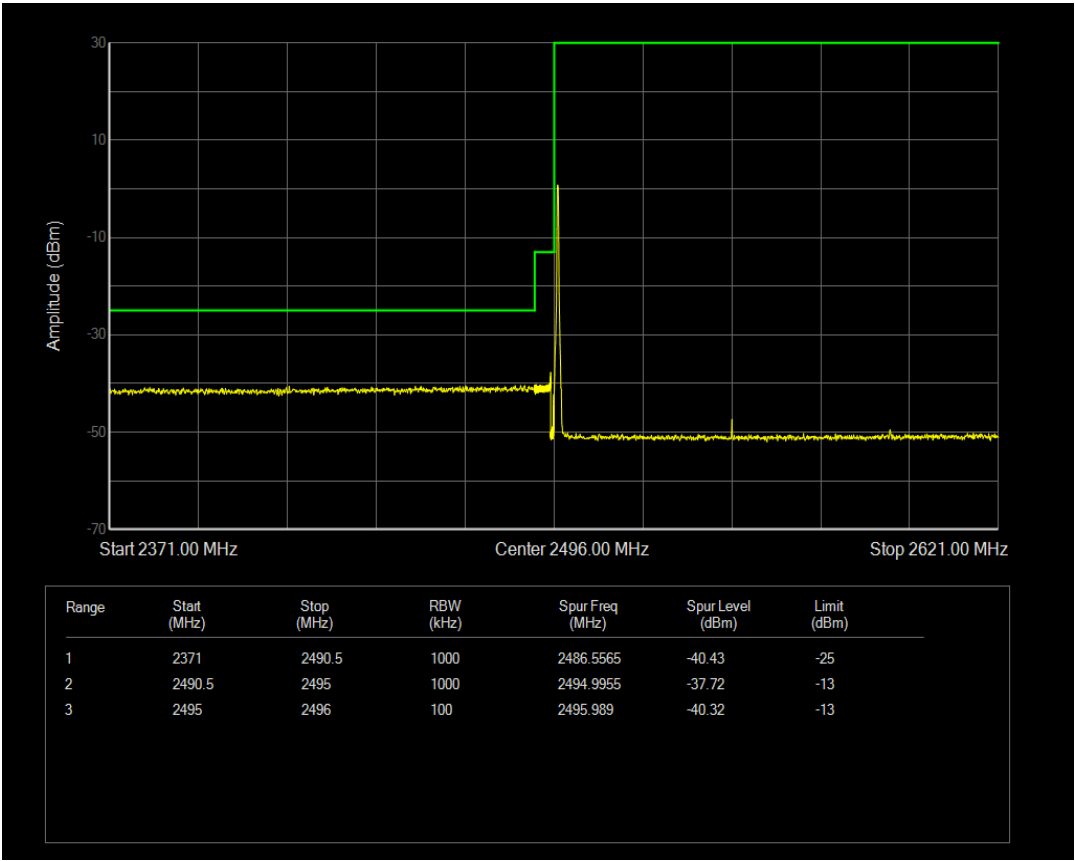
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272



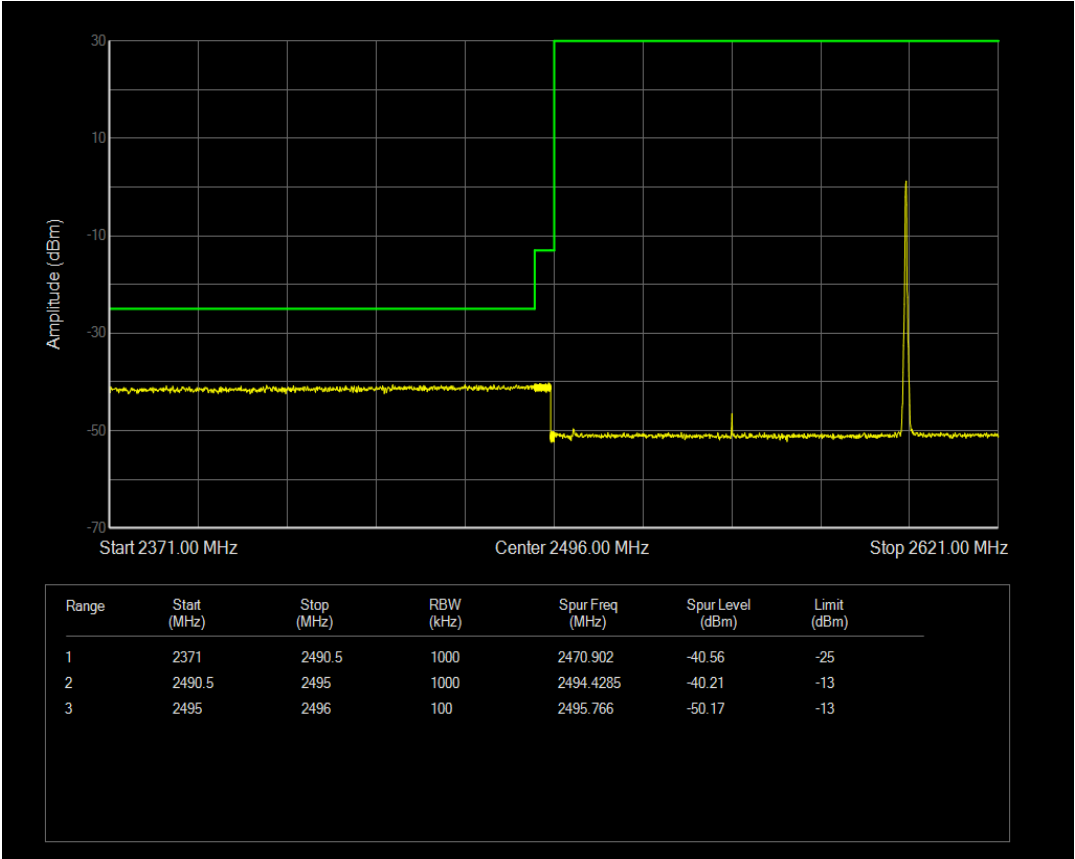
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0



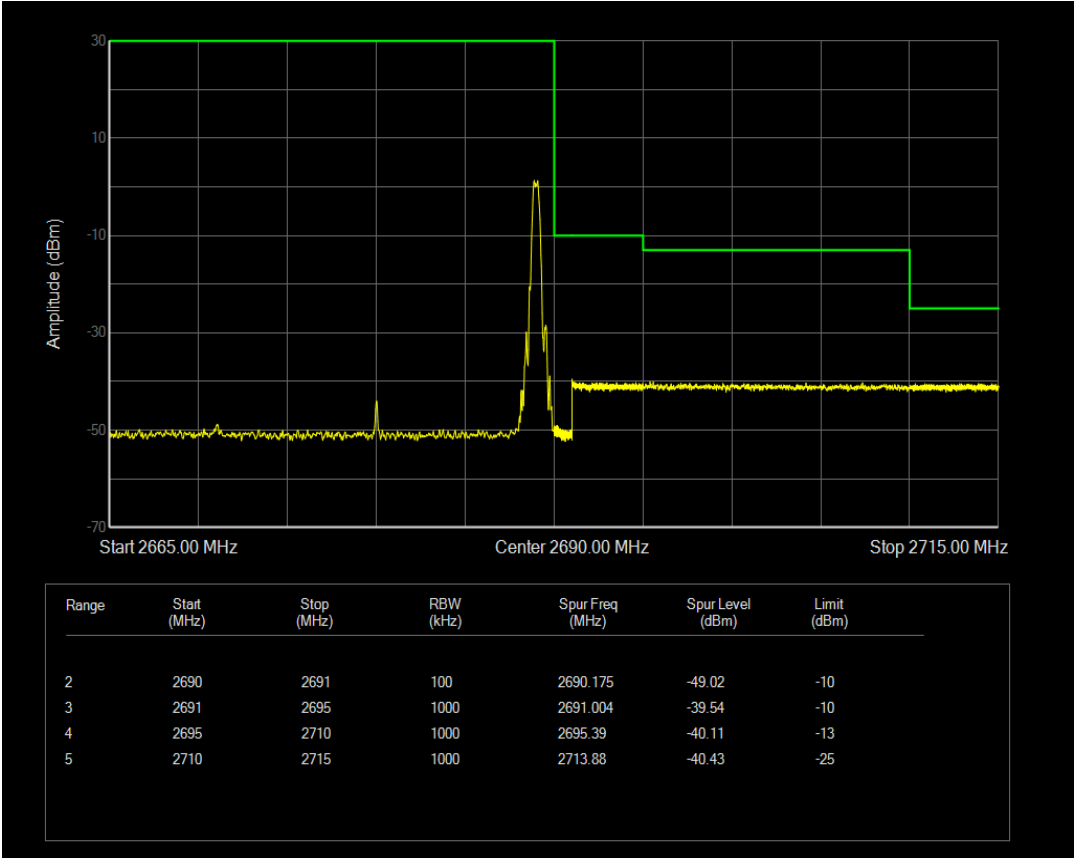
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0



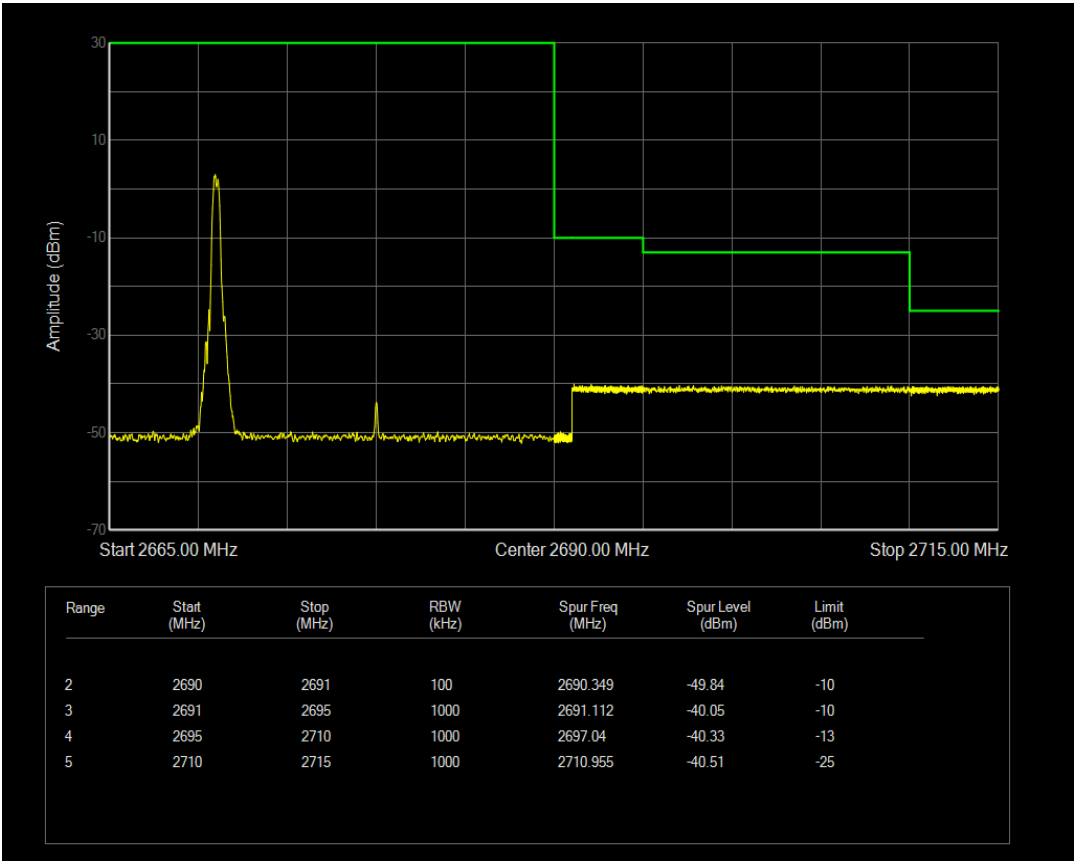
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272



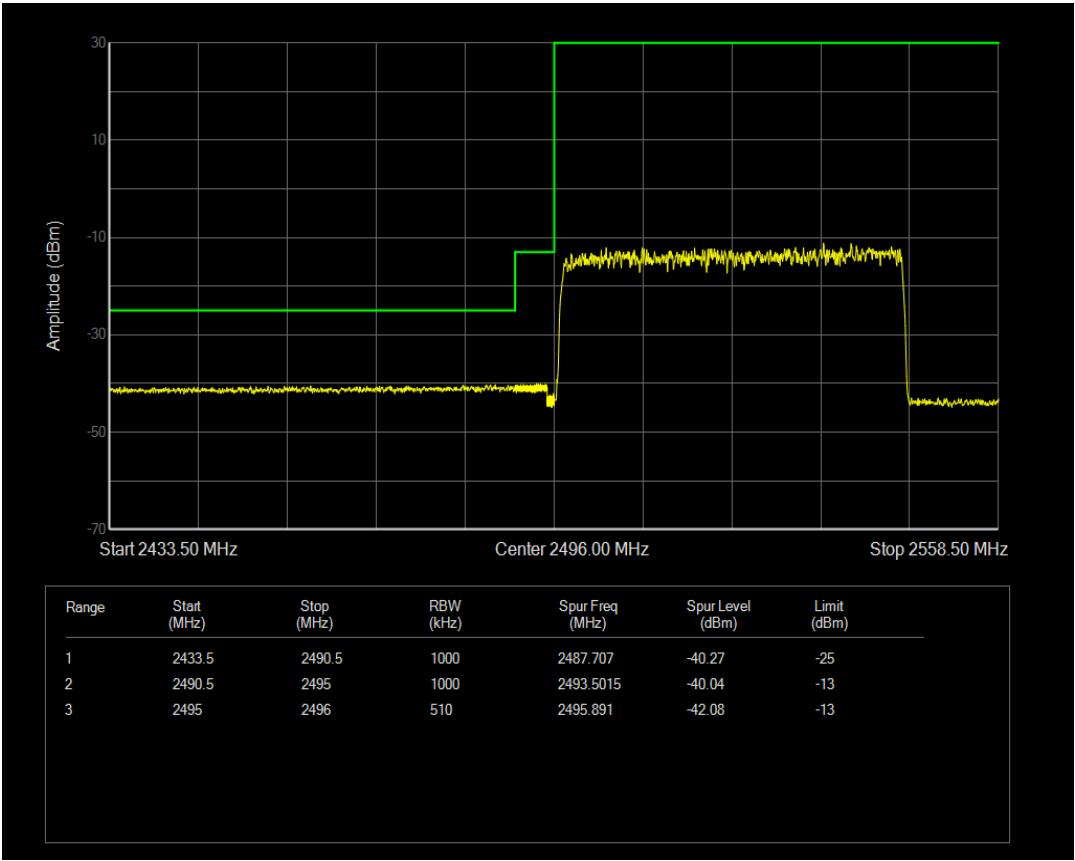
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50



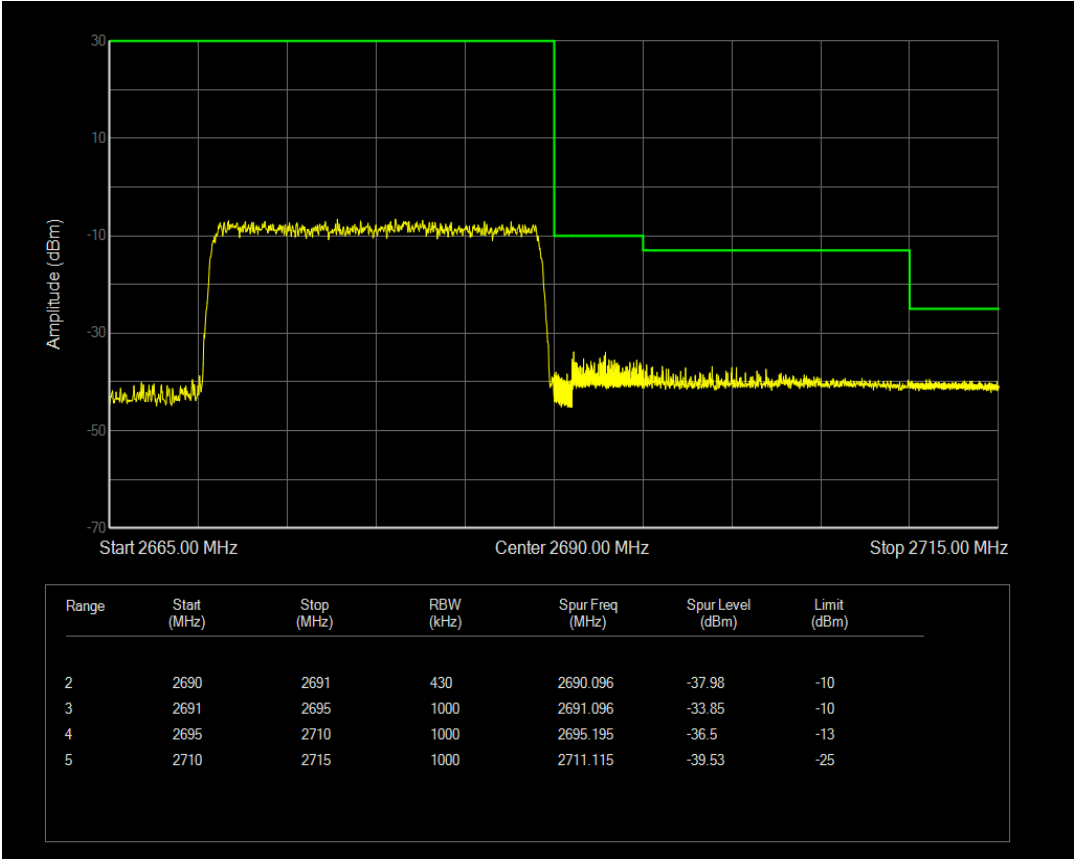
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@0



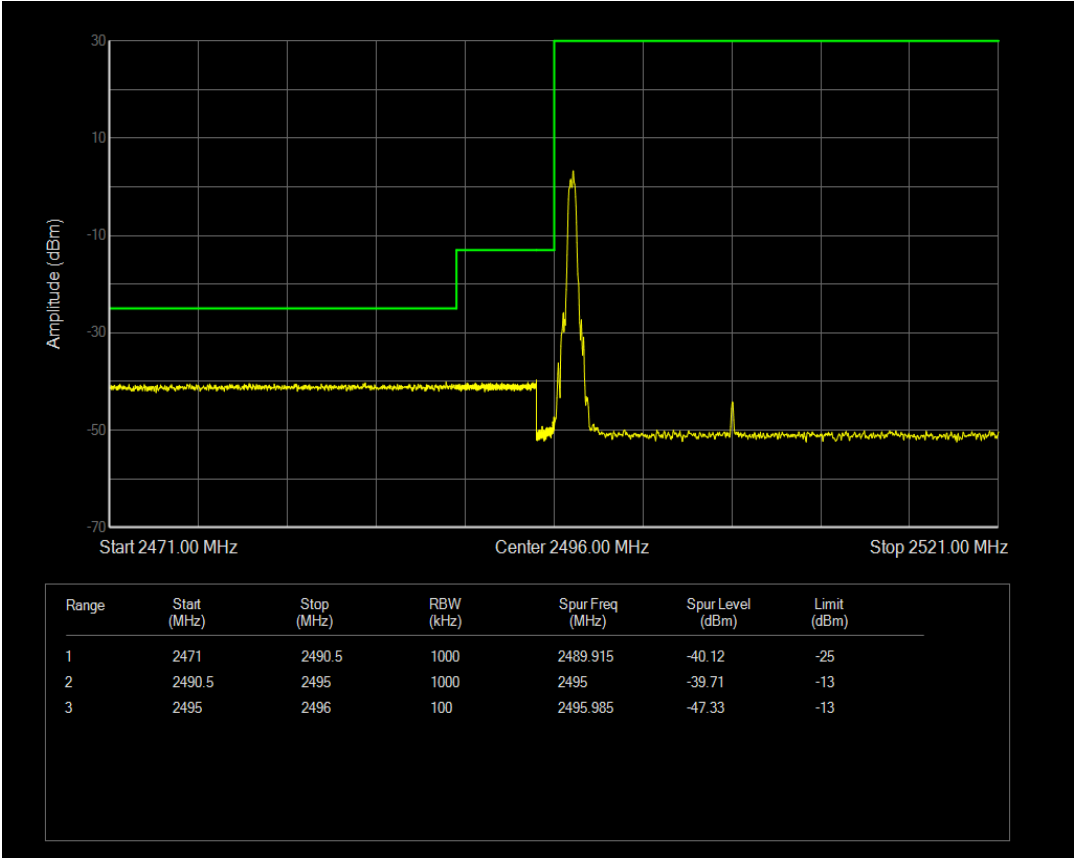
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=133@0



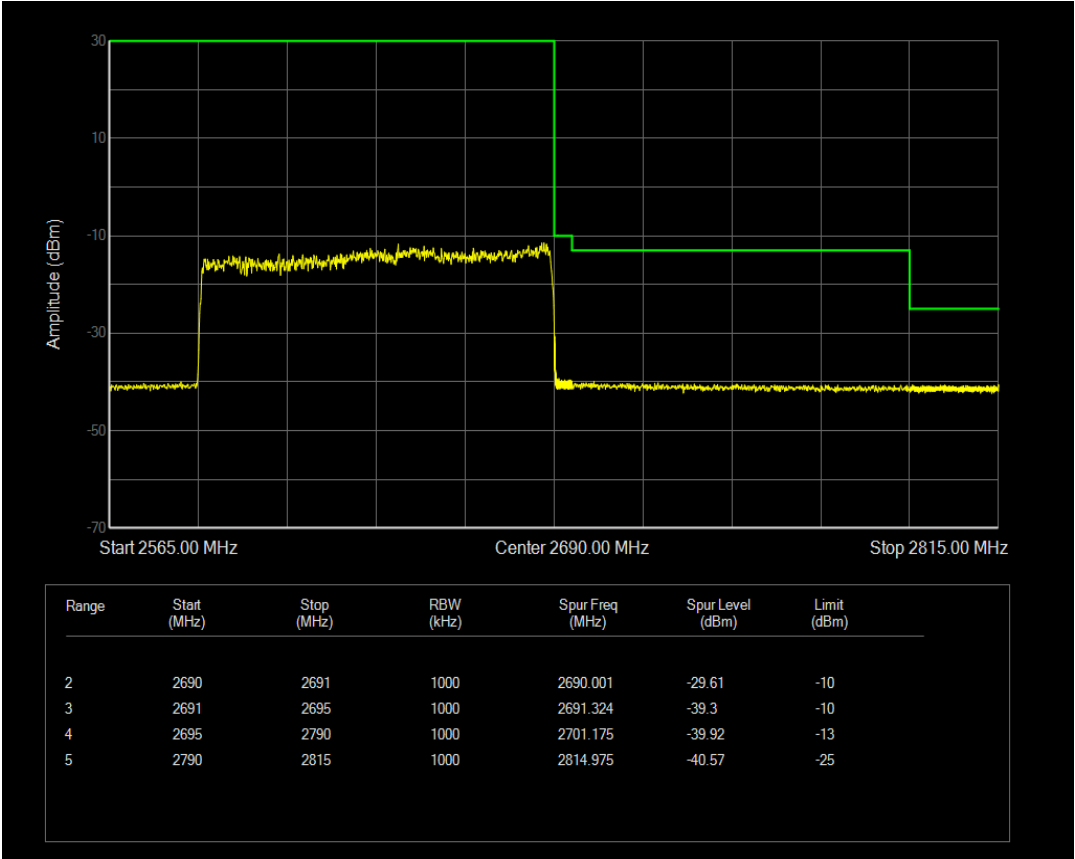
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0



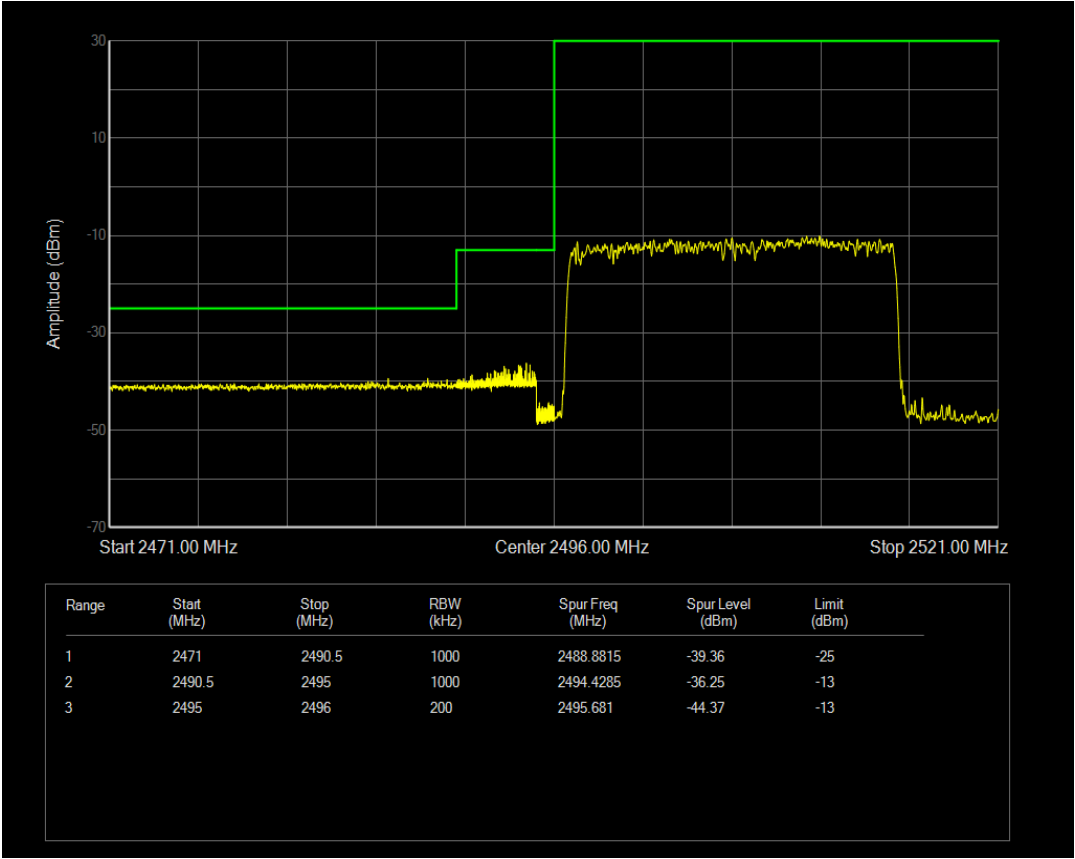
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0



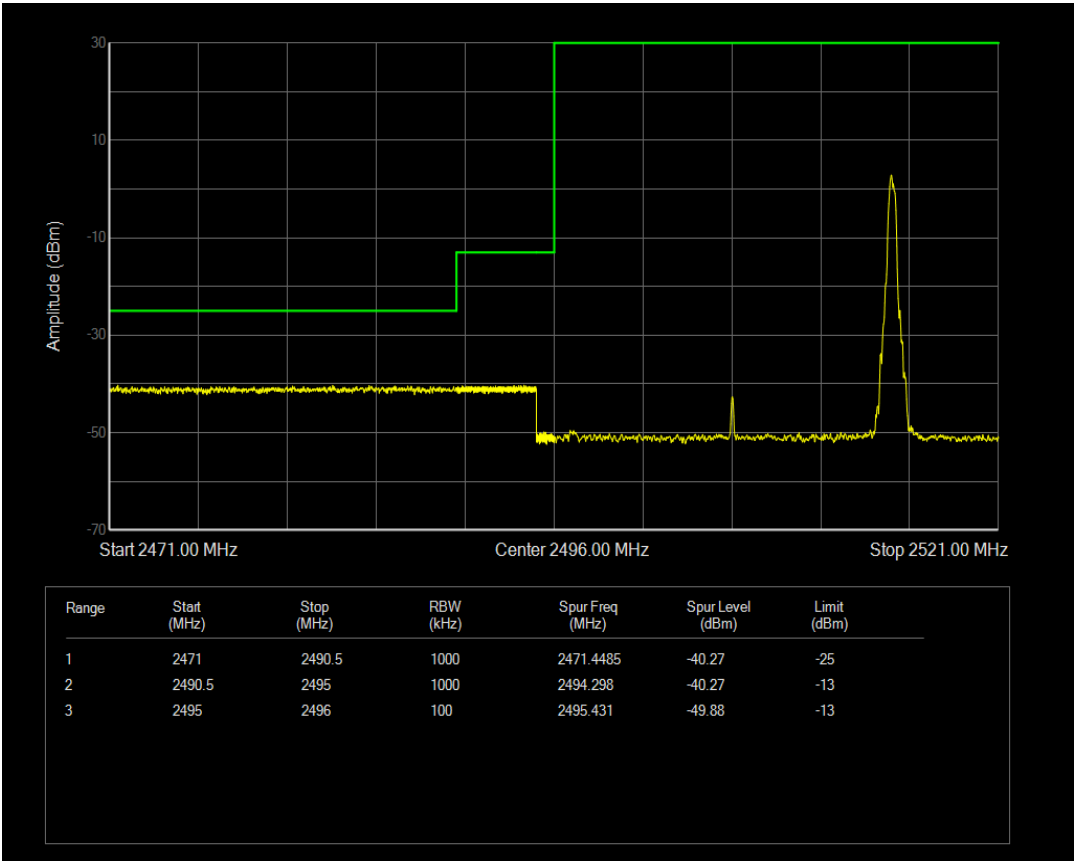
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0



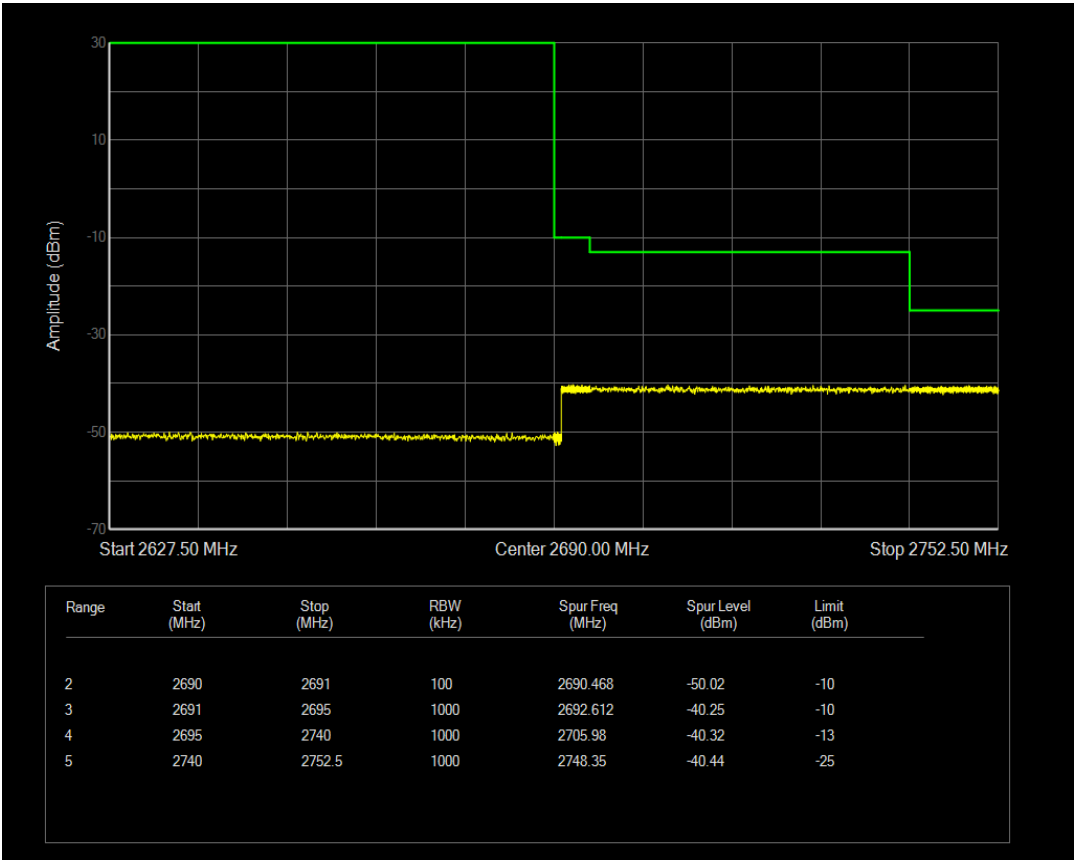
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0



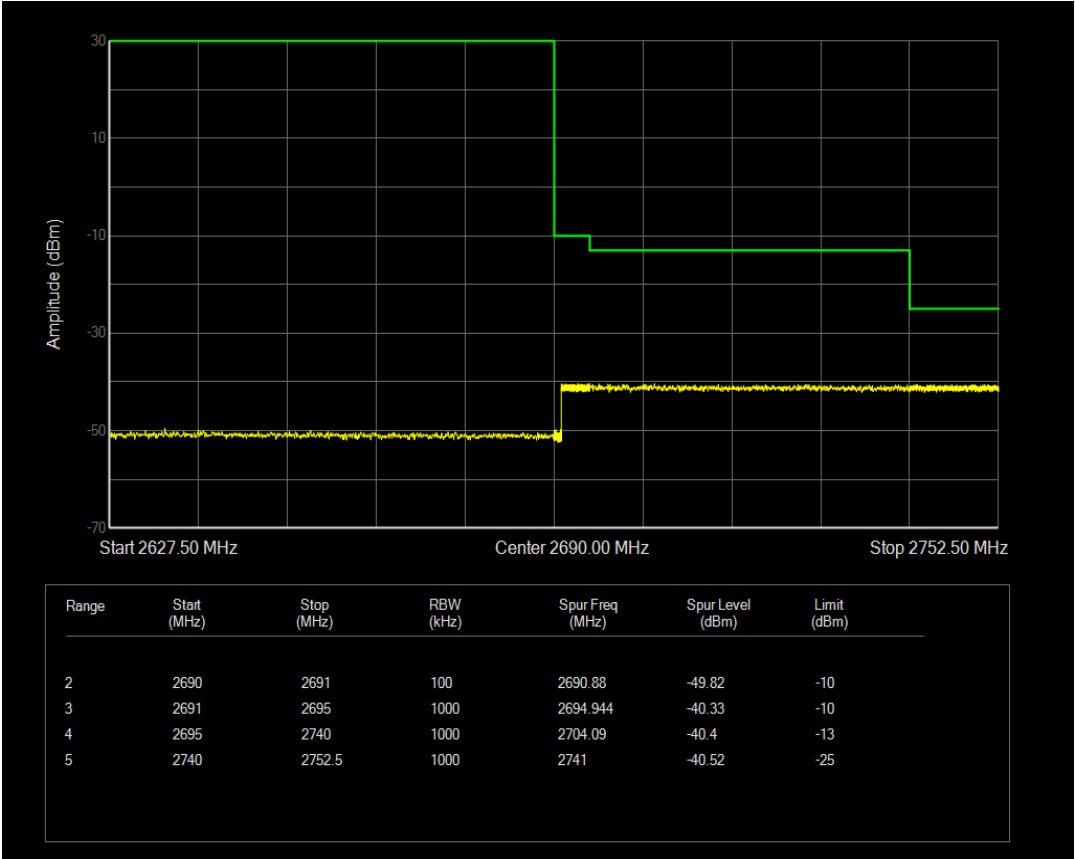
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50



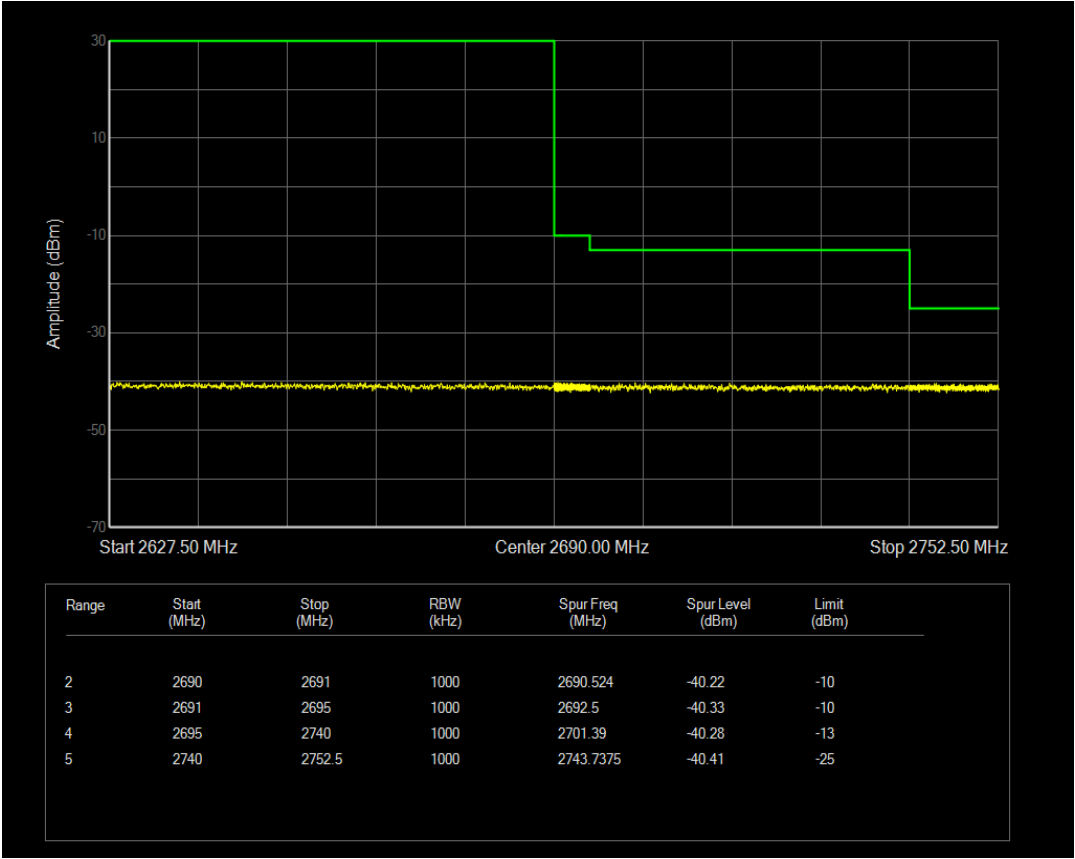
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@0



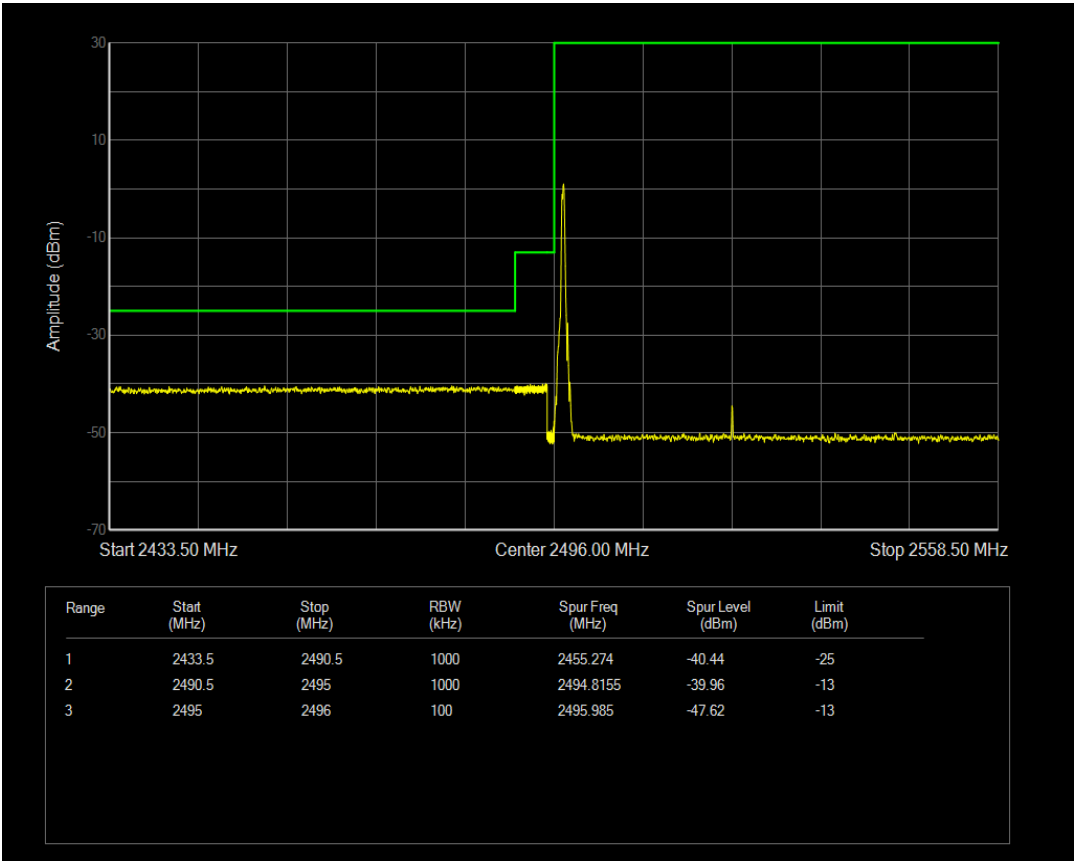
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@132



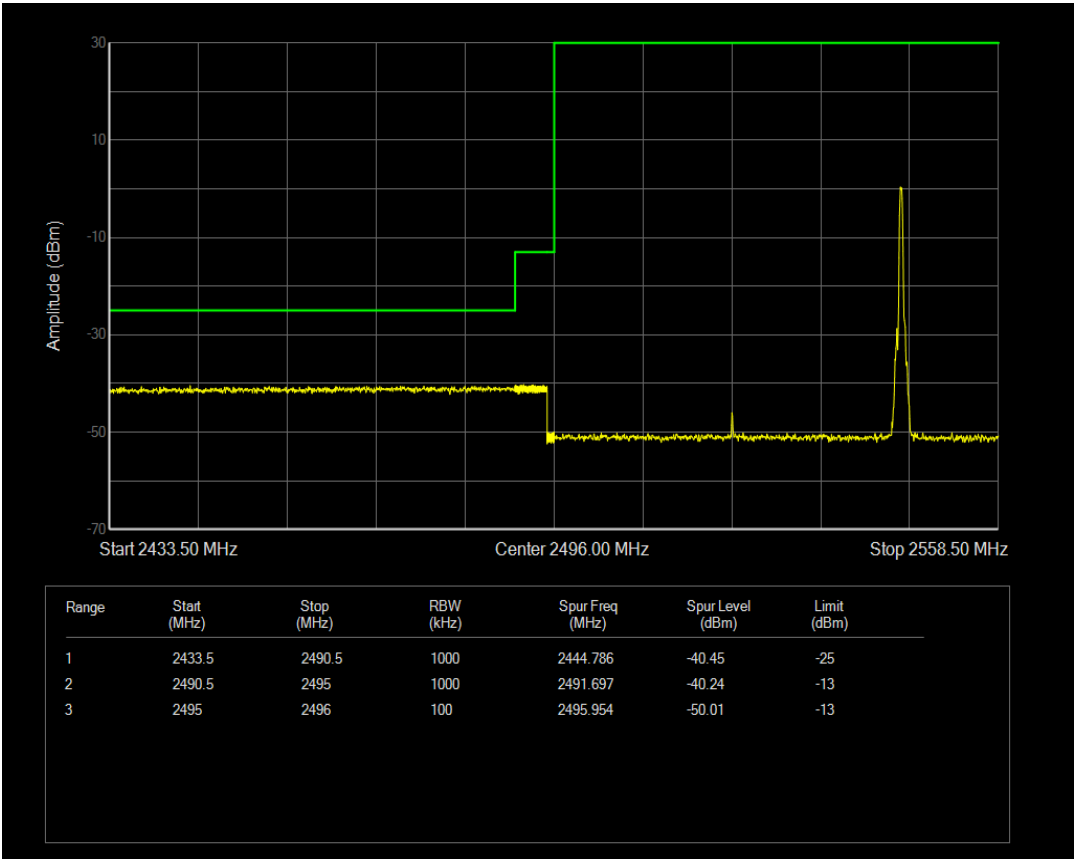
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=133@0



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



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



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	26414.35	-29.11	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	23863.75	-28.73	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	25755.90	-27.91	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	25984.70	-28.57	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	25618.10	-29.52	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	26292.80	-28.97	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	25386.05	-29.45	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	26383.80	-29.27	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	23856.60	-29.28	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	26368.85	-29.23	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	26380.55	-29.51	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	25443.25	-29.13	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	26431.25	-28.59	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	25818.30	-29.13	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	23873.50	-29.61	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	26292.80	-28.34	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	26322.05	-28.99	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	23882.60	-29.22	-25	PASS

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