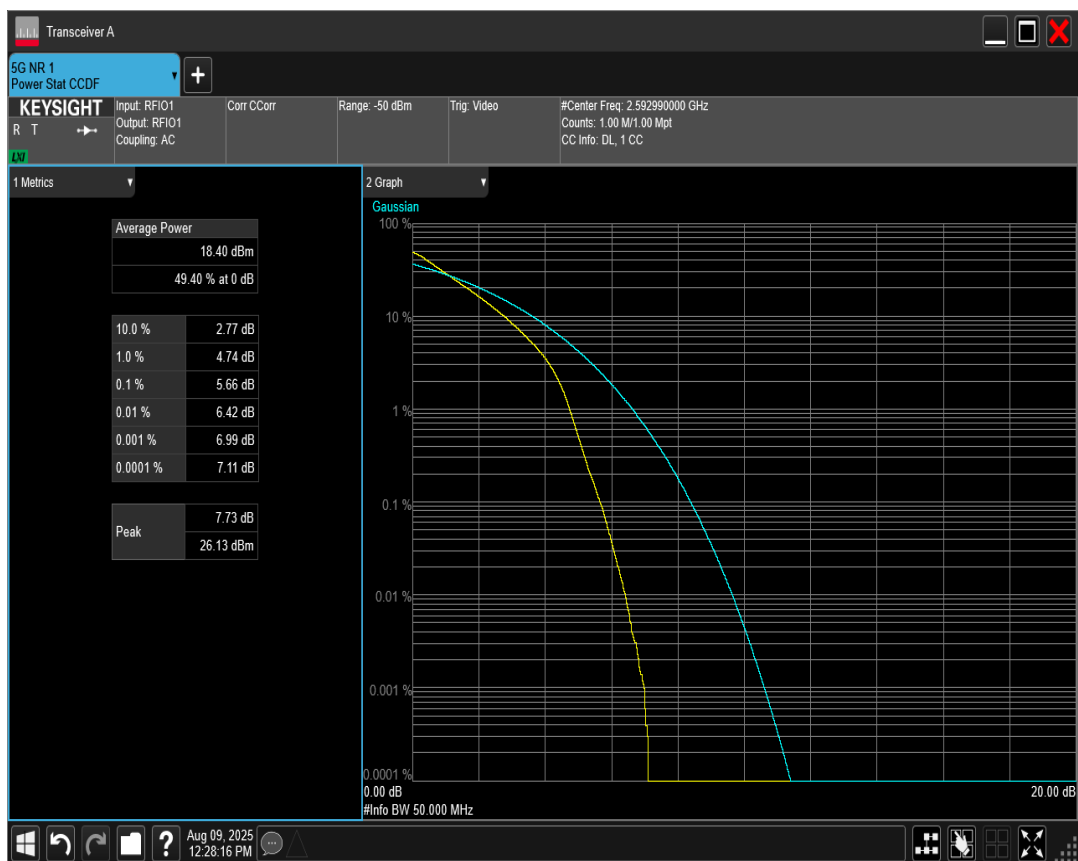
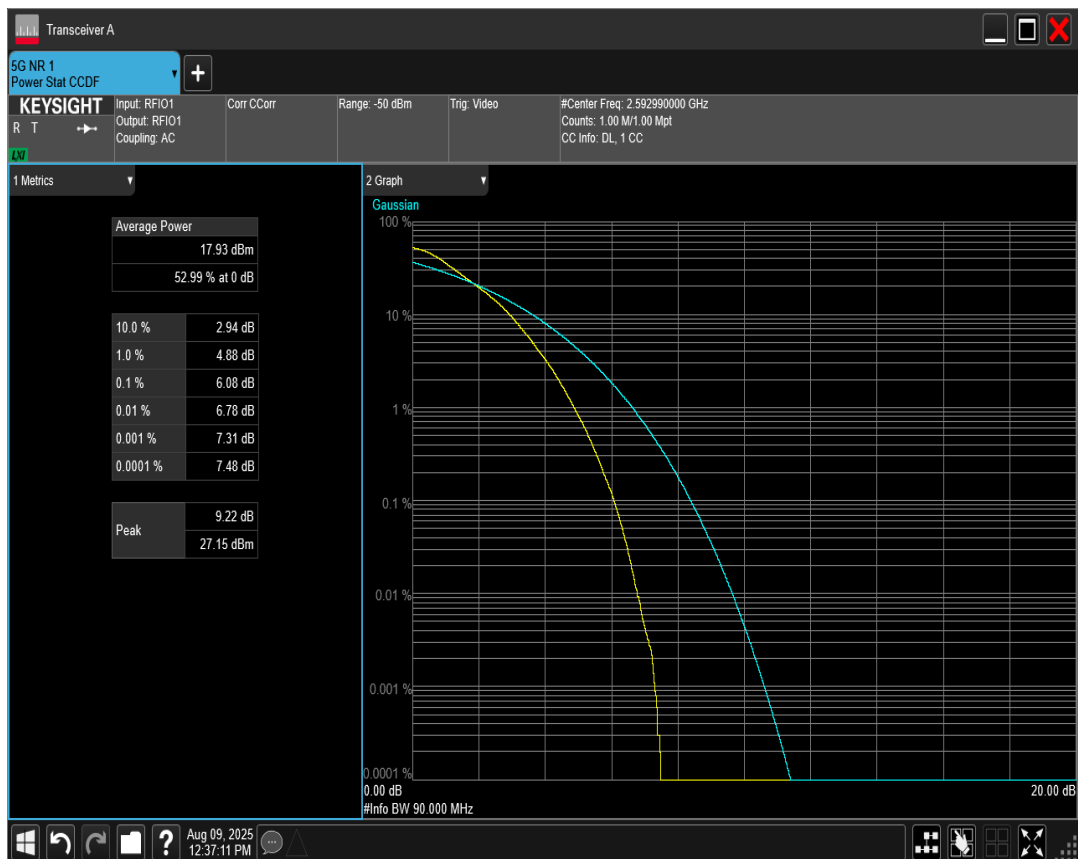


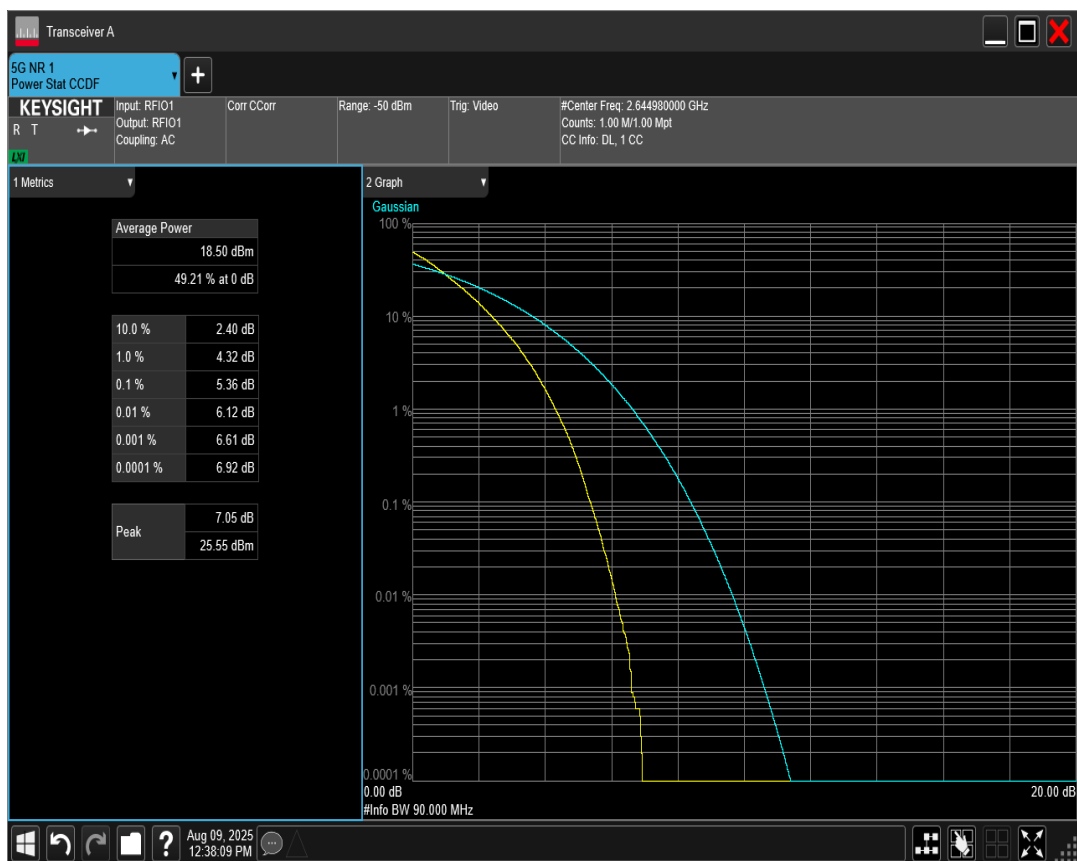
n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



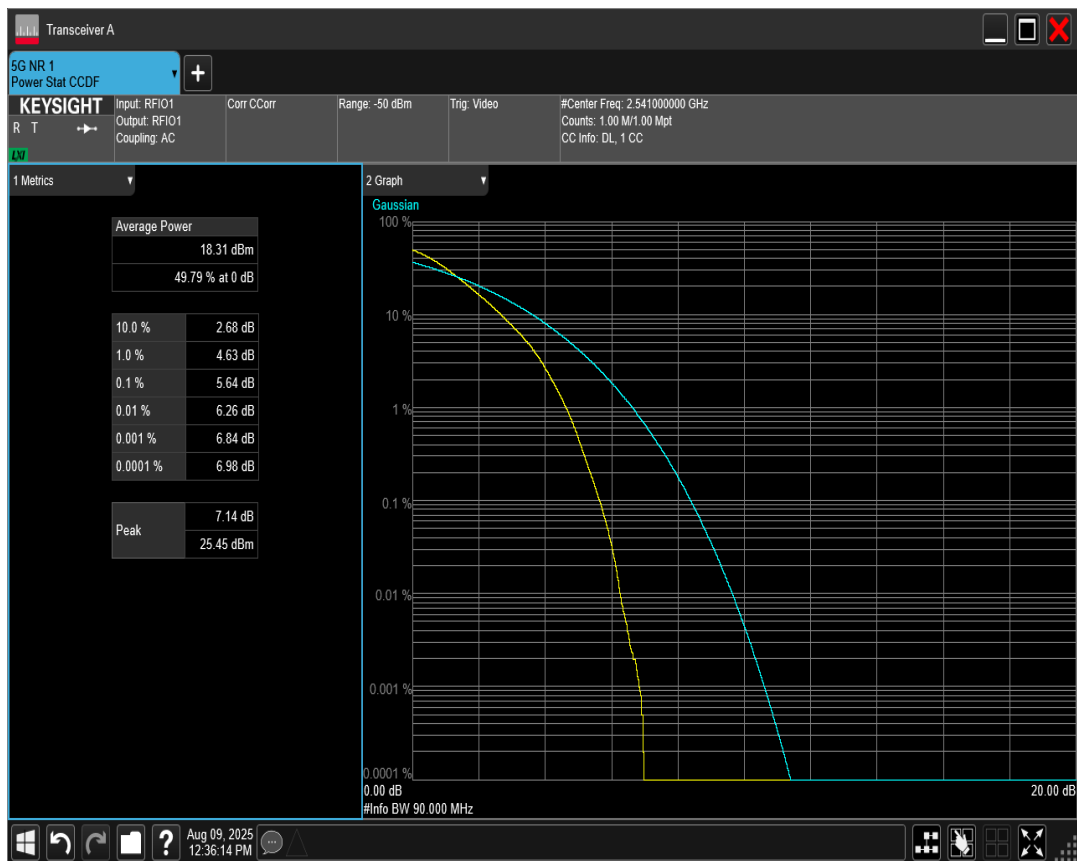
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0



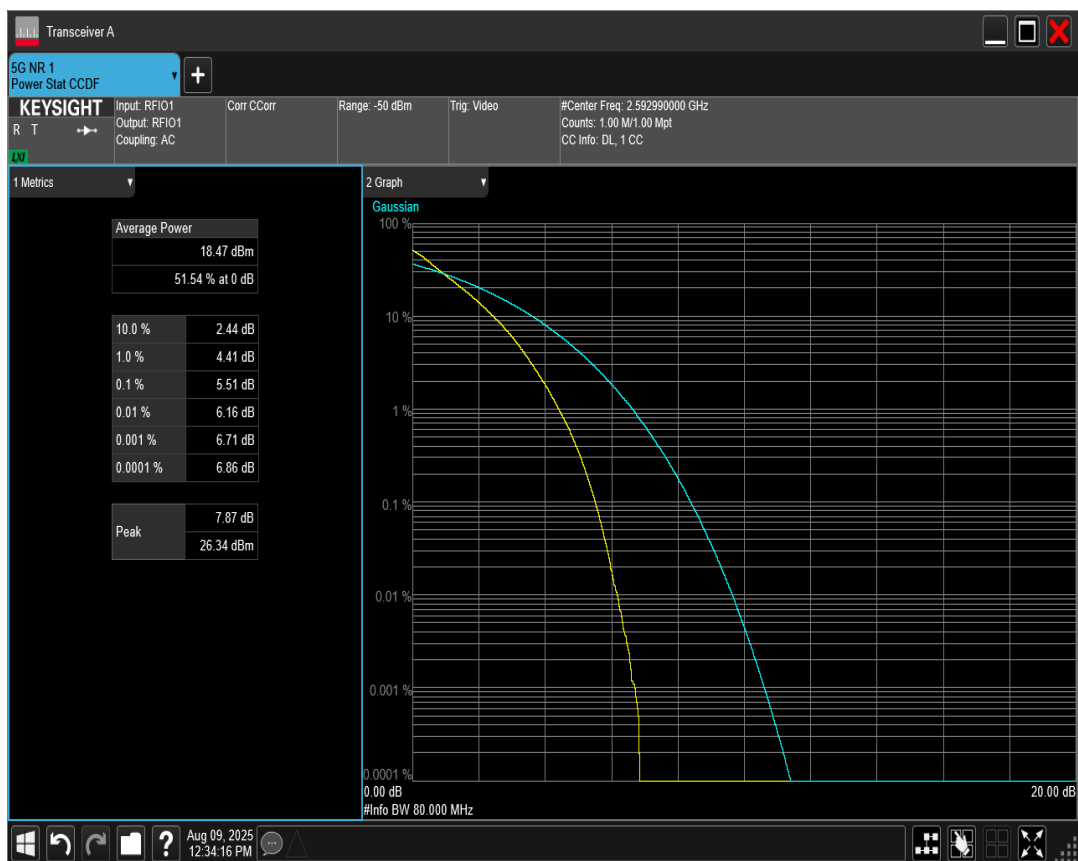
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=528996 RB=240@0



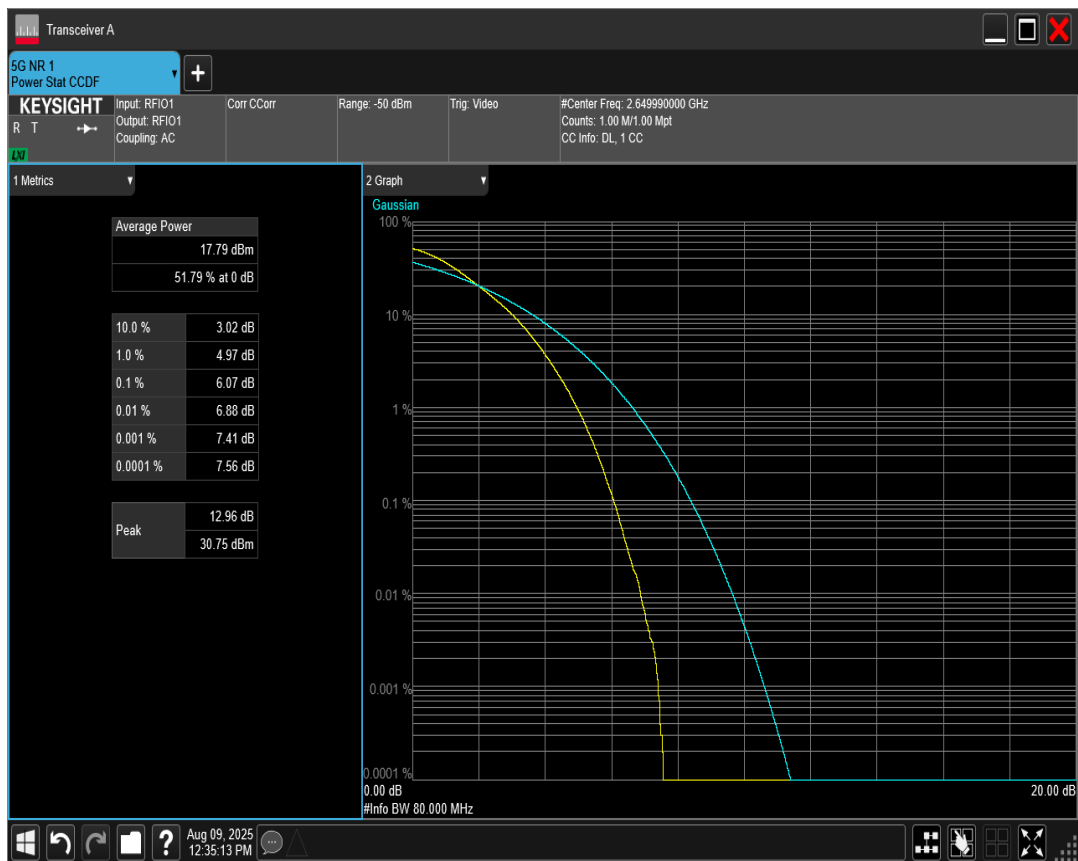
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=508200 RB=240@0



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



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



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	18.060	18.290	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.060	18.350	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.040	18.250	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.030	18.300	PASS
n41	30	20	518598	50@0	DFT_QAM256	18.040	18.310	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.470	36.280	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.600	36.310	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.510	36.280	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.550	36.280	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.360	36.300	PASS
n41	30	50	518598	128@0	DFT_BPSK	46.950	46.440	PASS
n41	30	50	518598	128@0	DFT_QPSK	47.010	46.360	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.930	46.500	PASS
n41	30	50	518598	128@0	DFT_QAM64	46.900	46.370	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.030	46.360	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.680	58.640	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.700	58.590	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.700	58.570	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.700	58.630	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.620	58.680	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.120	78.080	PASS
n41	30	80	518598	216@0	DFT_QPSK	77.060	78.120	PASS
n41	30	80	518598	216@0	DFT_QAM16	77.020	78.110	PASS
n41	30	80	518598	216@0	DFT_QAM64	77.060	78.020	PASS
n41	30	80	518598	216@0	DFT_QAM256	76.960	78.040	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.690	86.710	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.760	86.640	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.550	86.810	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.760	86.690	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.760	86.640	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.440	97.500	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.580	97.570	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.460	97.540	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.330	97.530	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.450	97.550	PASS

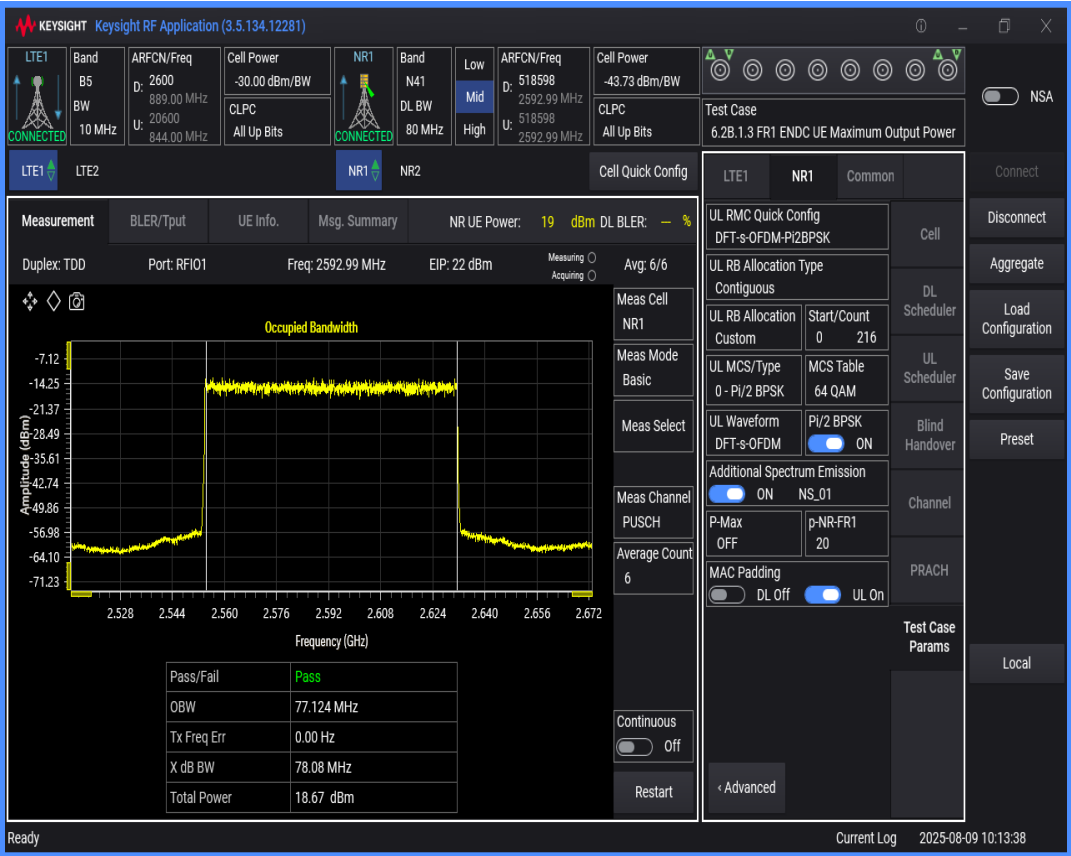
n41 SCS=30kHz DFT_BPSK BW=50MHz Channel=518598 RB=128@0



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=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



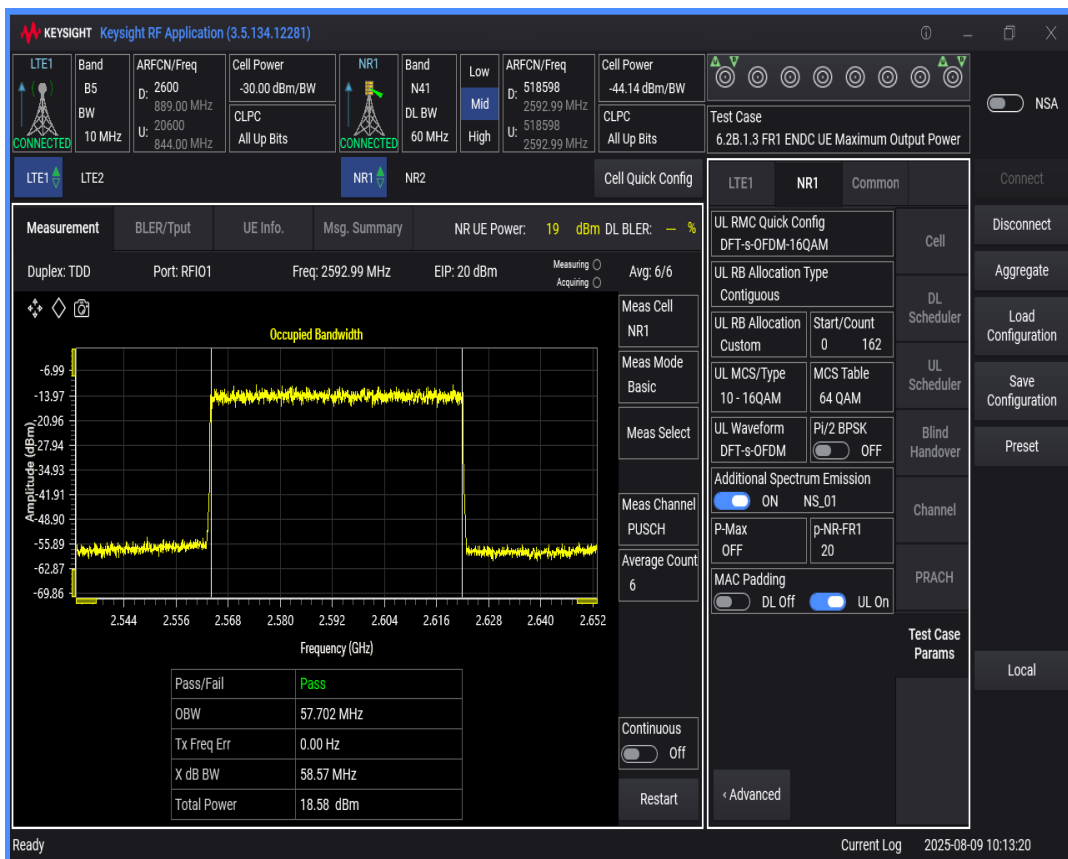
n41 SCS=30kHz DFT_QAM16 BW=40MHz Channel=518598 RB=100@0



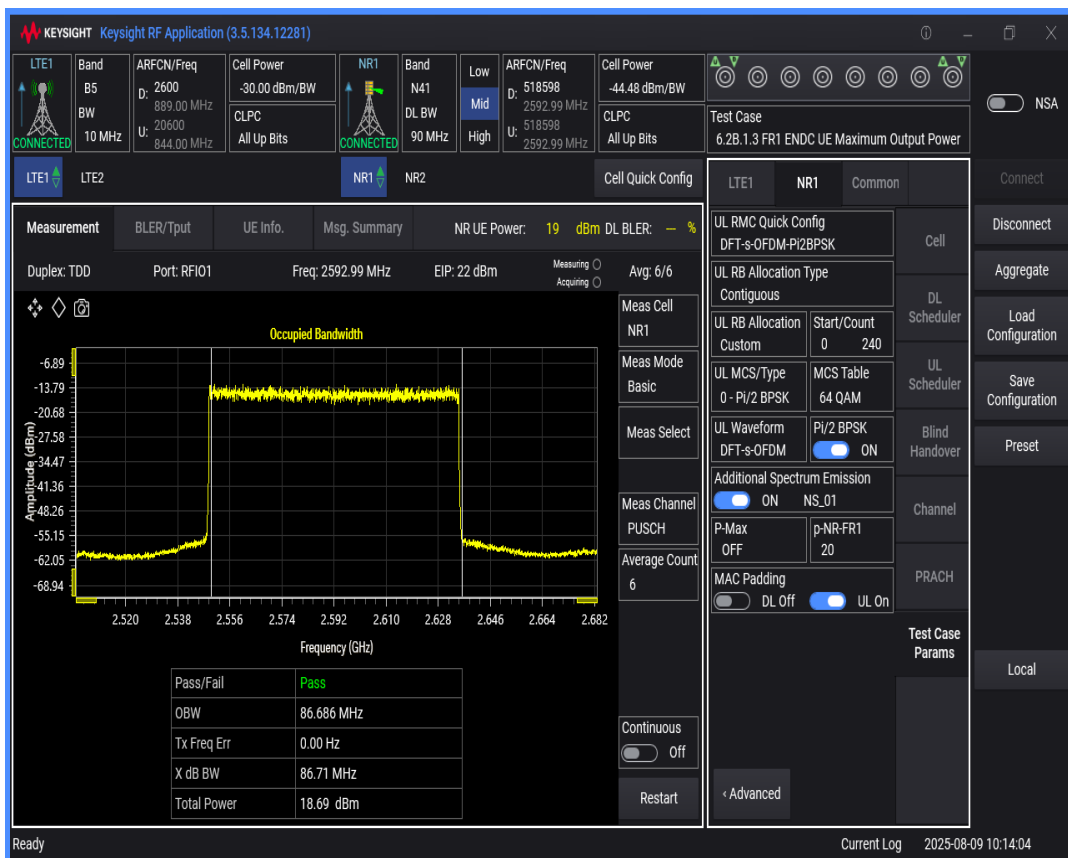
n41 SCS=30kHz DFT_QAM16 BW=50MHz Channel=518598 RB=128@0



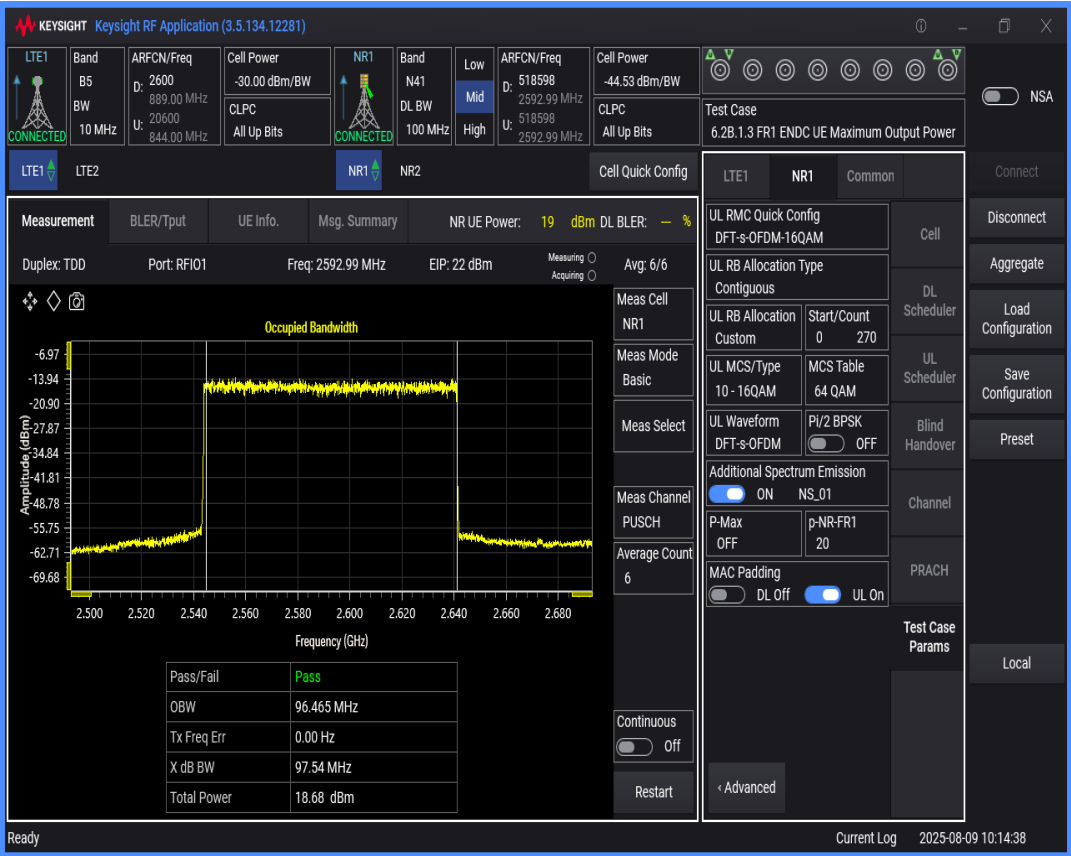
n41 SCS=30kHz DFT_QAM16 BW=60MHz Channel=518598 RB=162@0



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



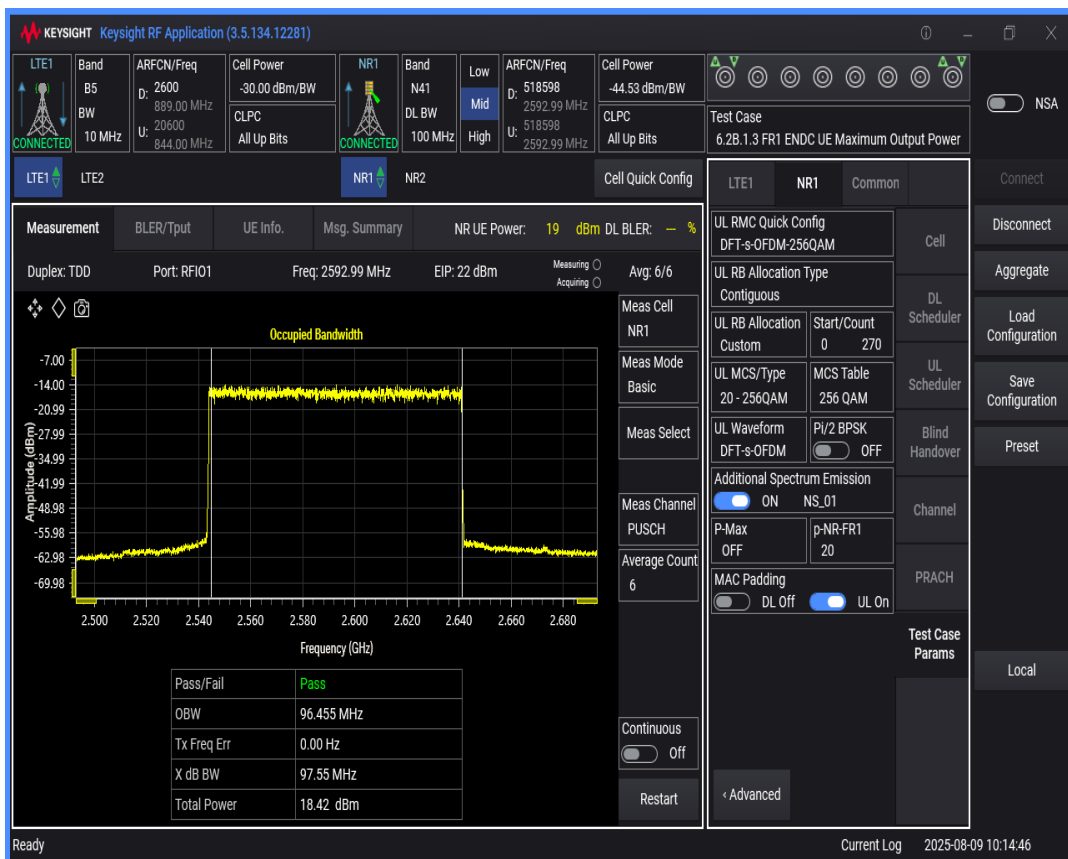
n41 SCS=30kHz DFT_QAM16 BW=100MHz Channel=518598 RB=270@0



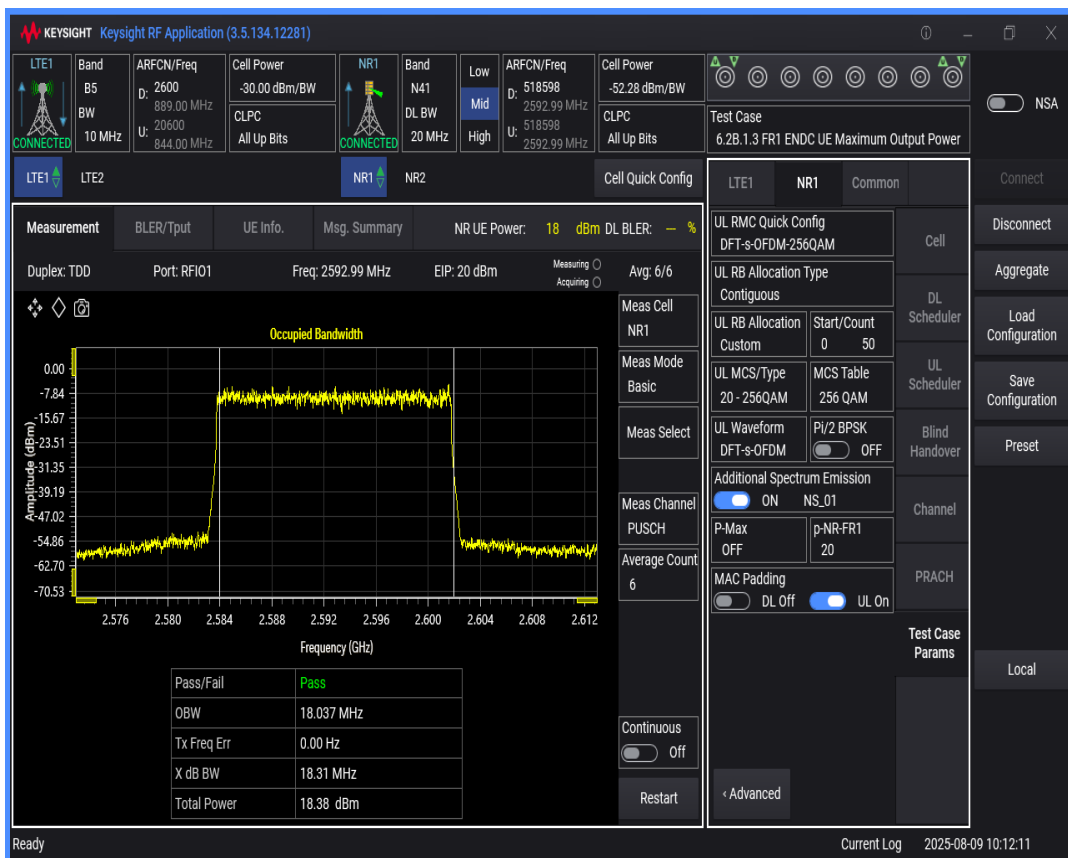
n41 SCS=30kHz DFT_QAM16 BW=20MHz Channel=518598 RB=50@0



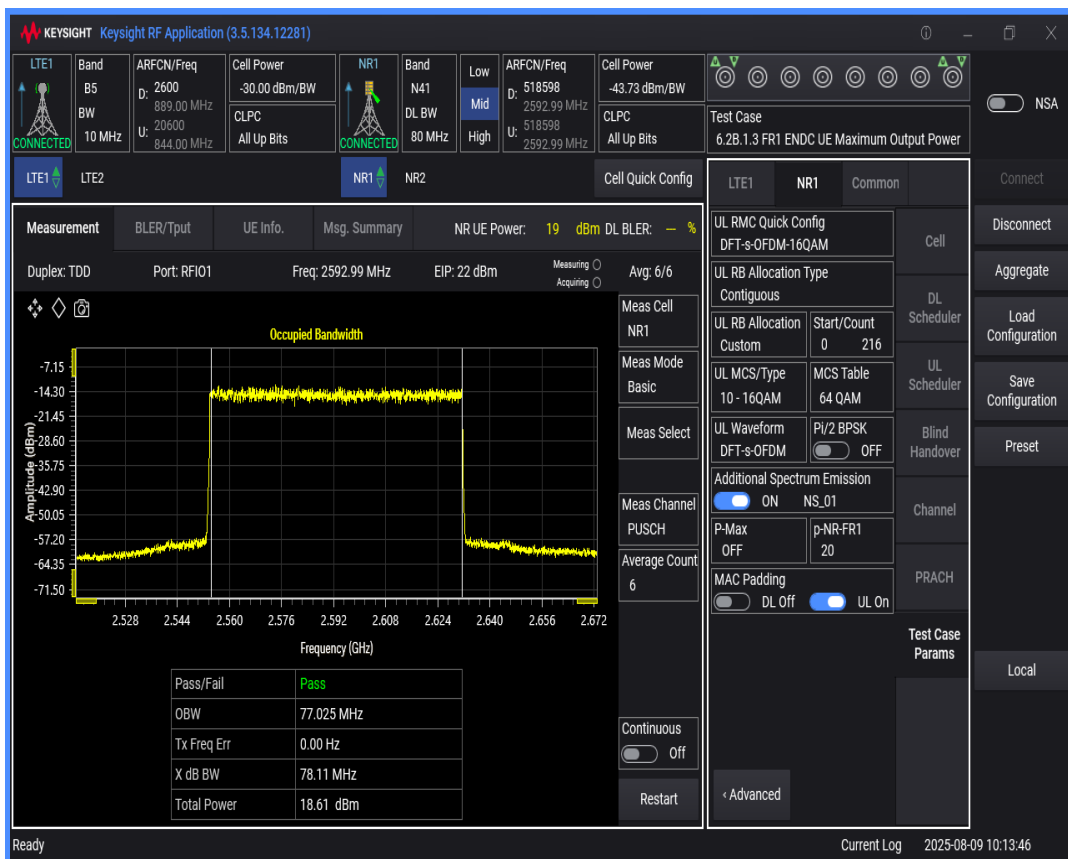
n41 SCS=30kHz DFT_QAM256 BW=100MHz Channel=518598 RB=270@0



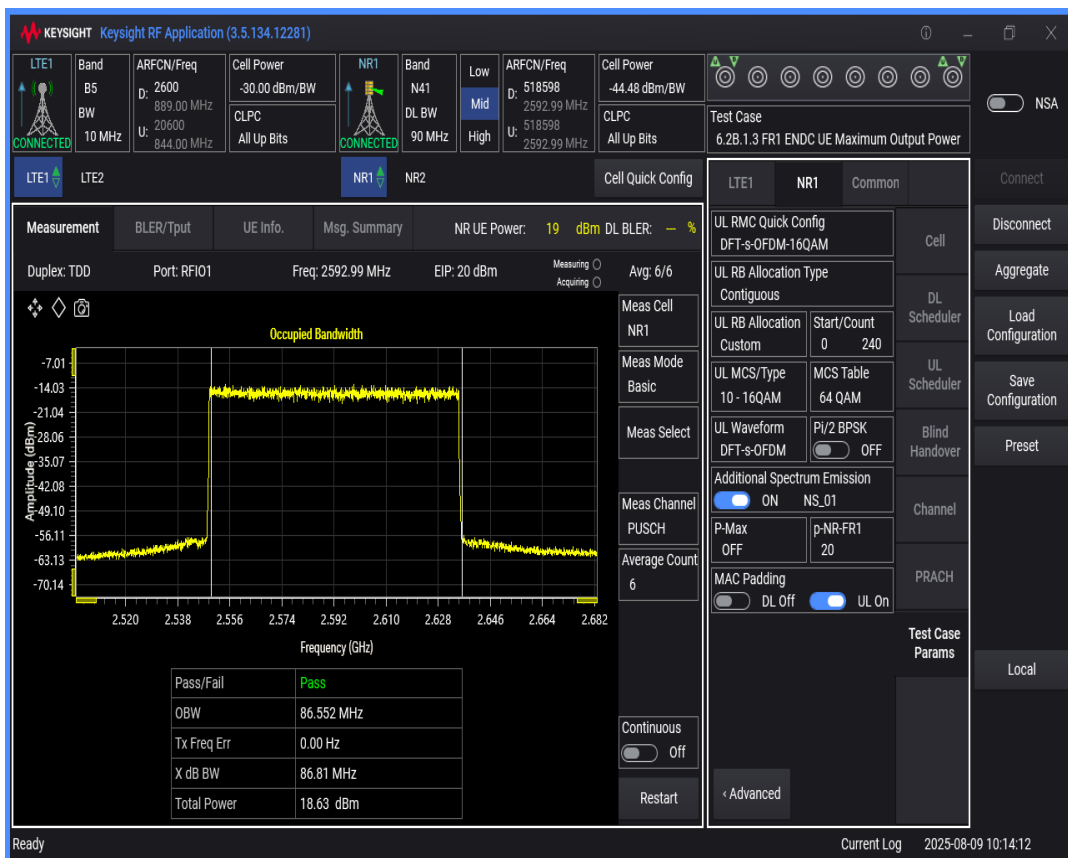
n41 SCS=30kHz DFT_QAM256 BW=20MHz Channel=518598 RB=50@0



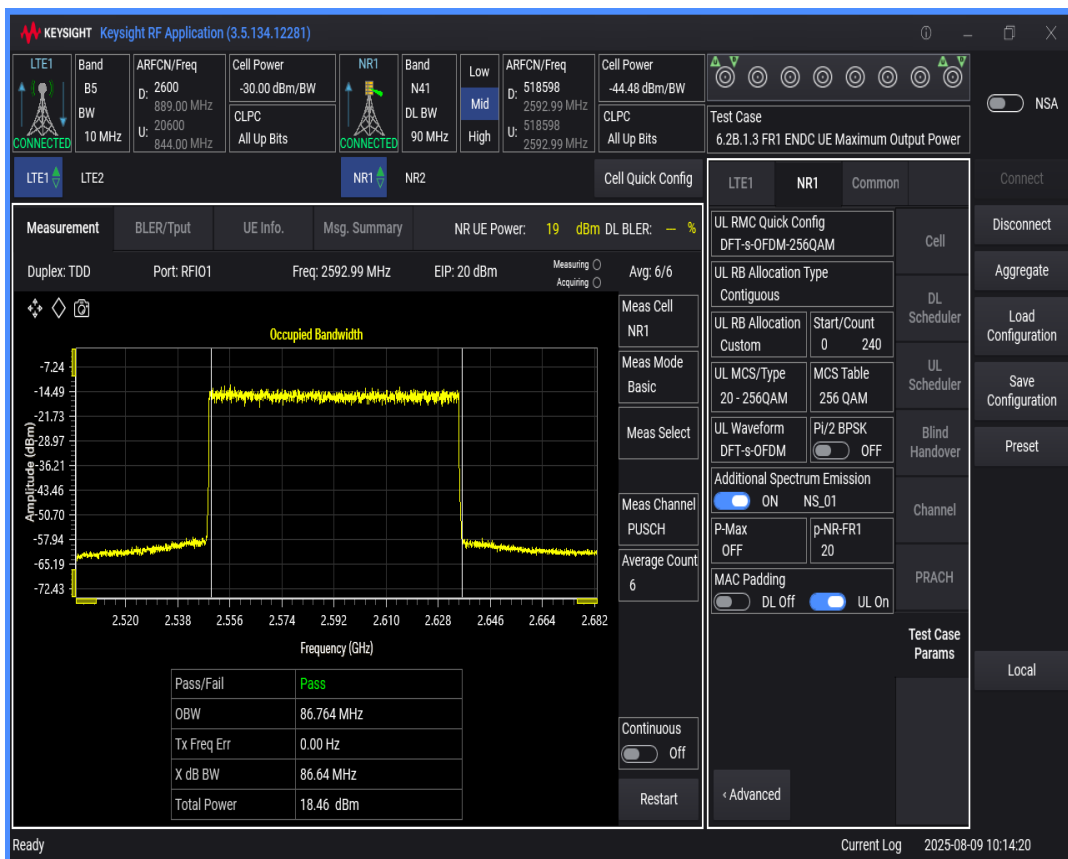
n41 SCS=30kHz DFT_QAM16 BW=80MHz Channel=518598 RB=216@0



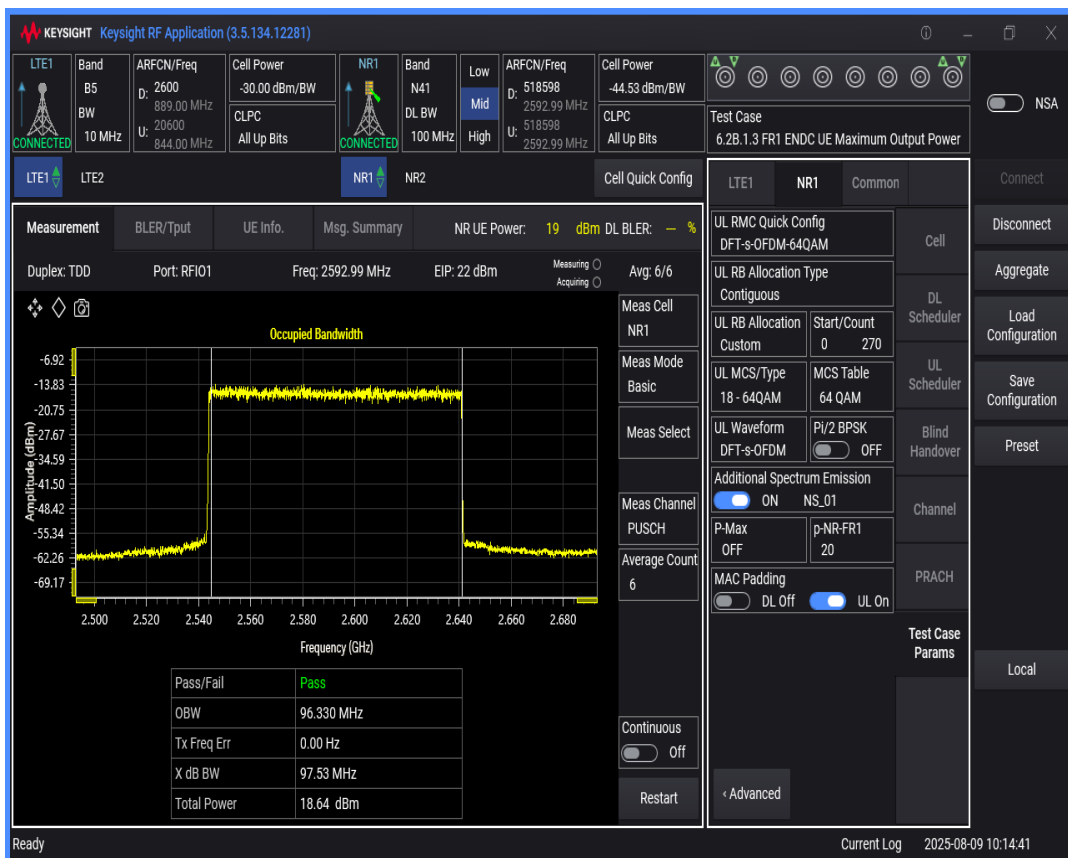
n41 SCS=30kHz DFT_QAM16 BW=90MHz Channel=518598 RB=240@0



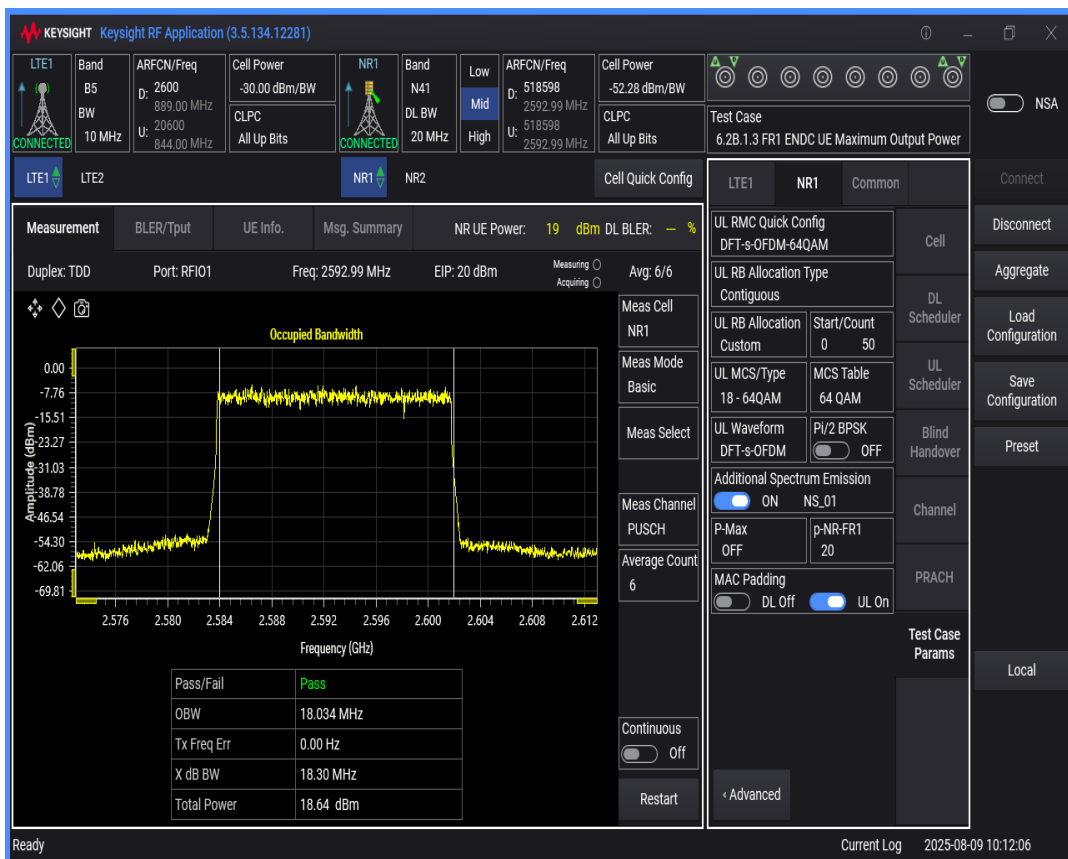
n41 SCS=30kHz DFT_QAM256 BW=90MHz Channel=518598 RB=240@0



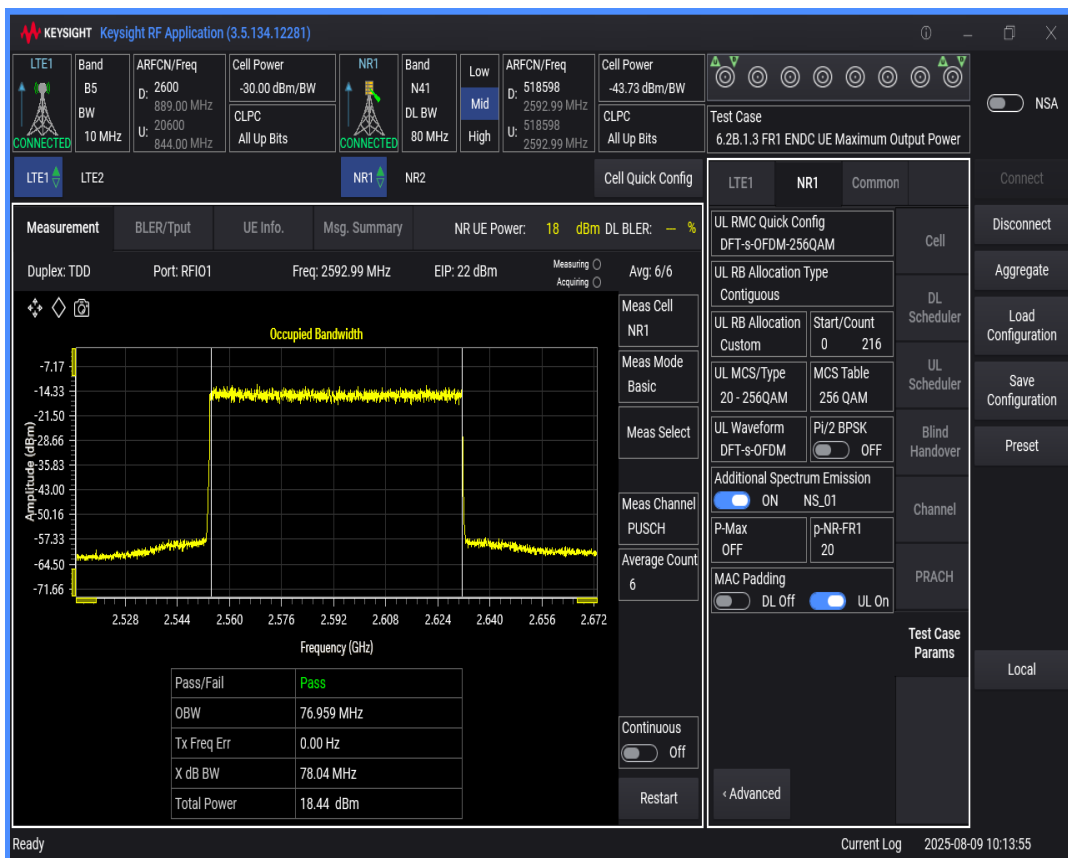
n41 SCS=30kHz DFT_QAM64 BW=100MHz Channel=518598 RB=270@0



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



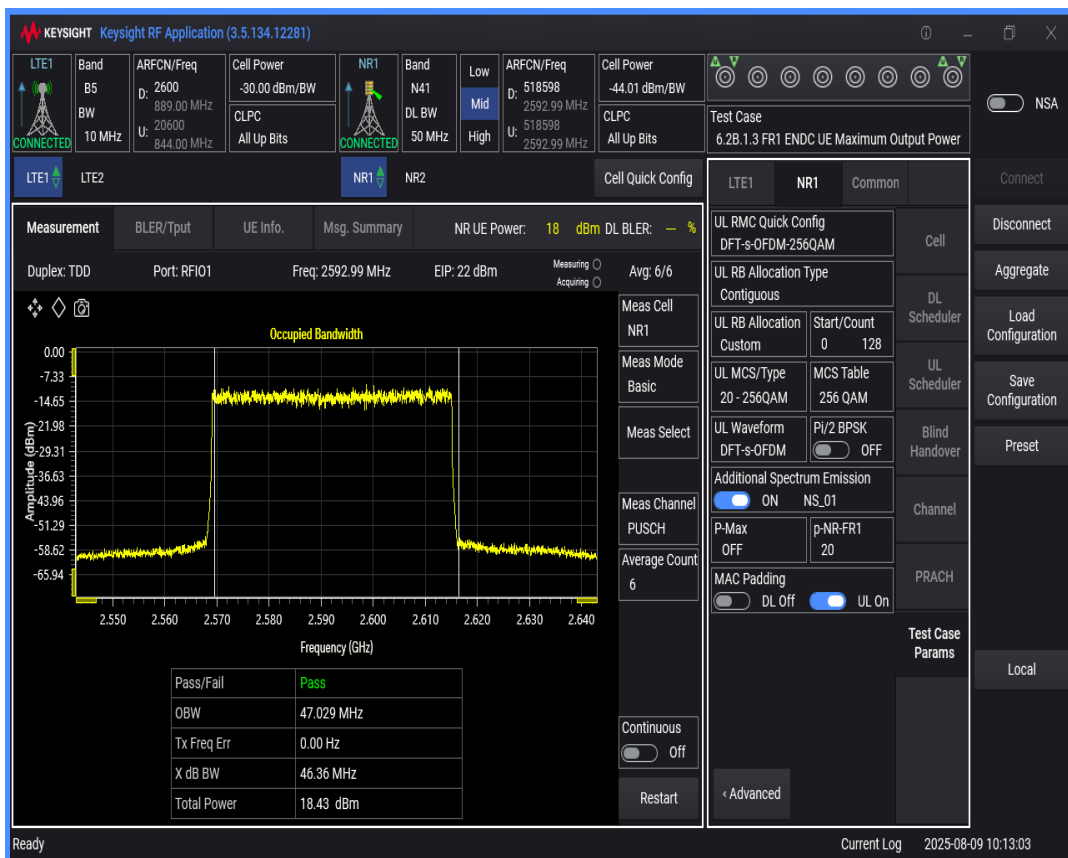
n41 SCS=30kHz DFT_QAM256 BW=80MHz Channel=518598 RB=216@0



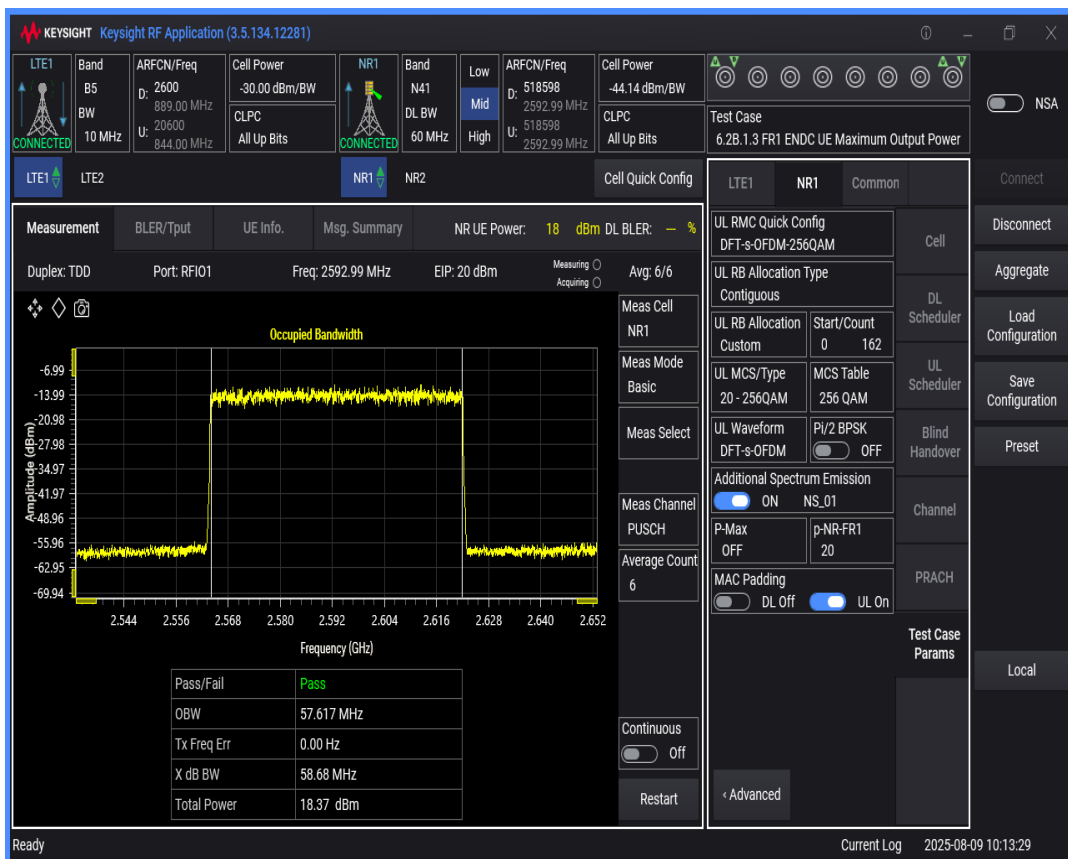
n41 SCS=30kHz DFT_QAM256 BW=40MHz Channel=518598 RB=100@0



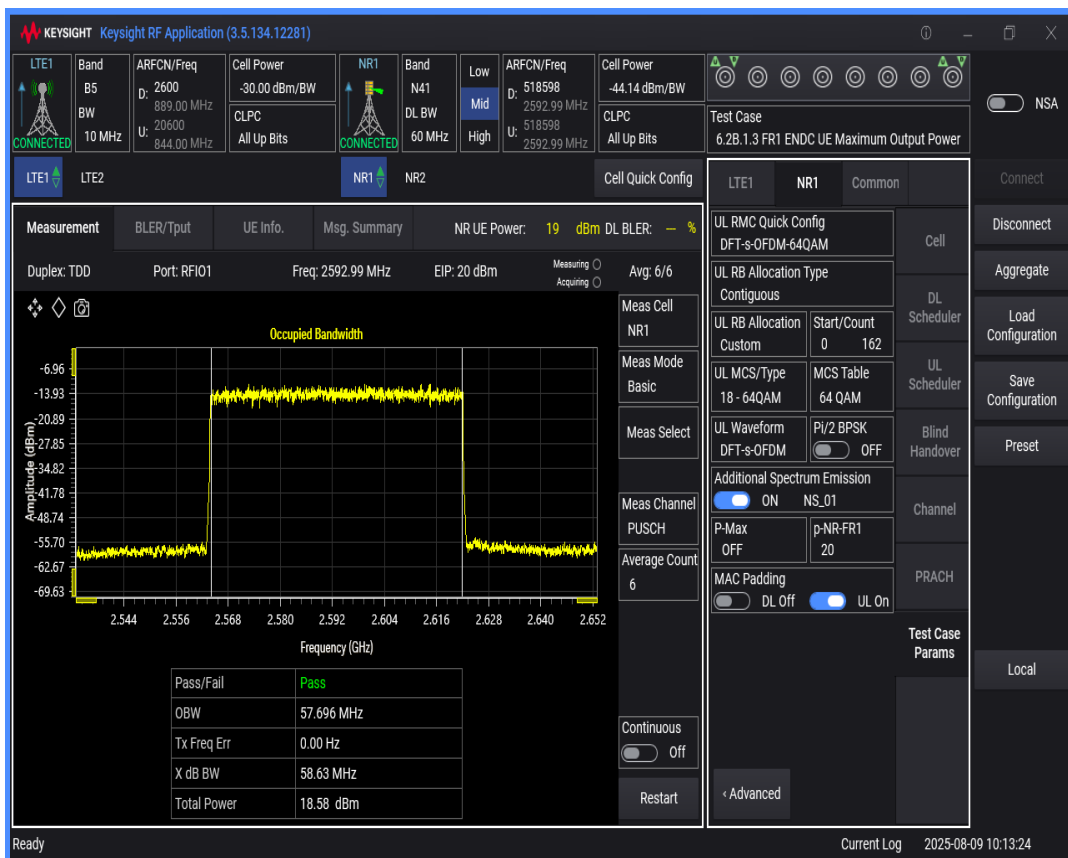
n41 SCS=30kHz DFT_QAM256 BW=50MHz Channel=518598 RB=128@0



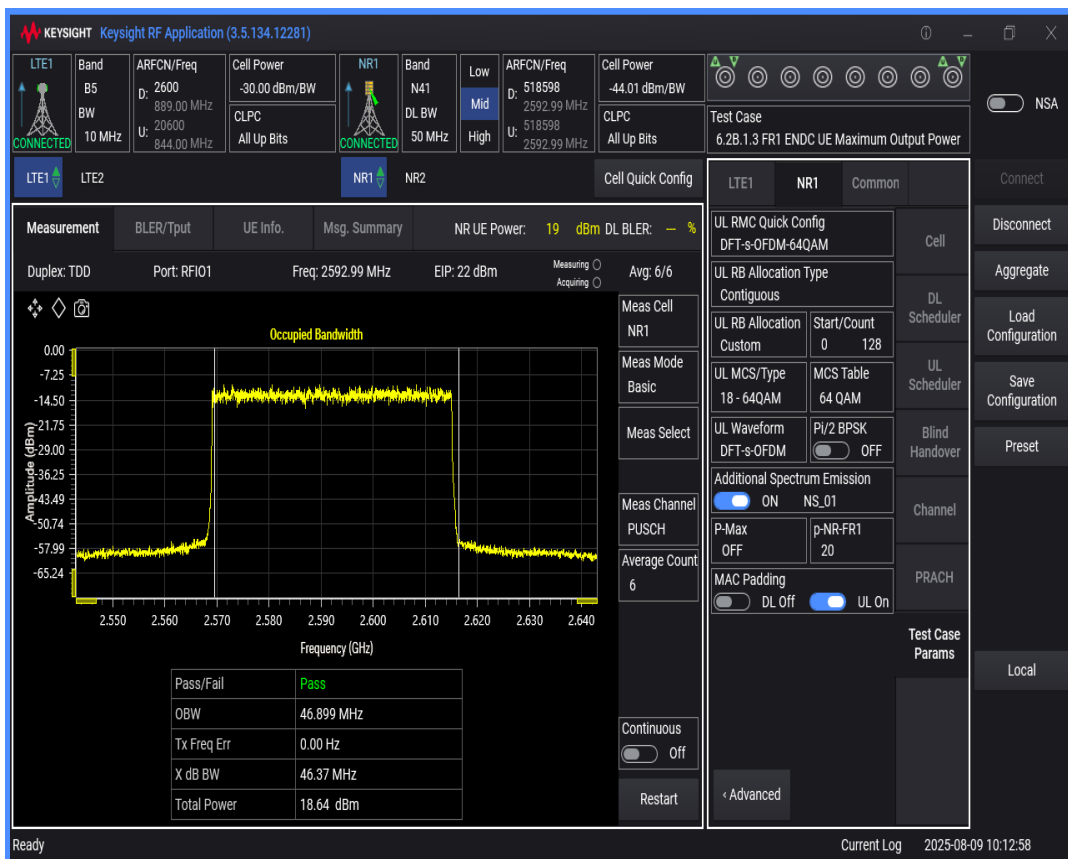
n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=518598 RB=162@0



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



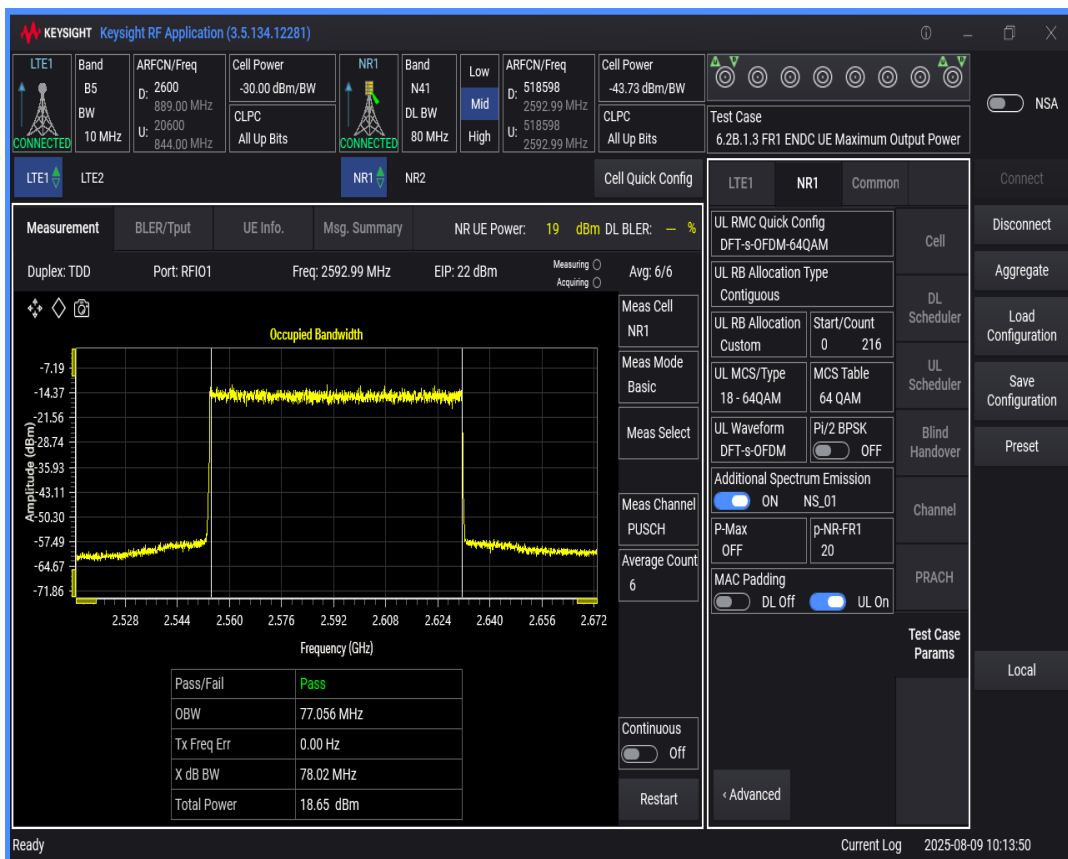
n41 SCS=30kHz DFT_QAM64 BW=50MHz Channel=518598 RB=128@0



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



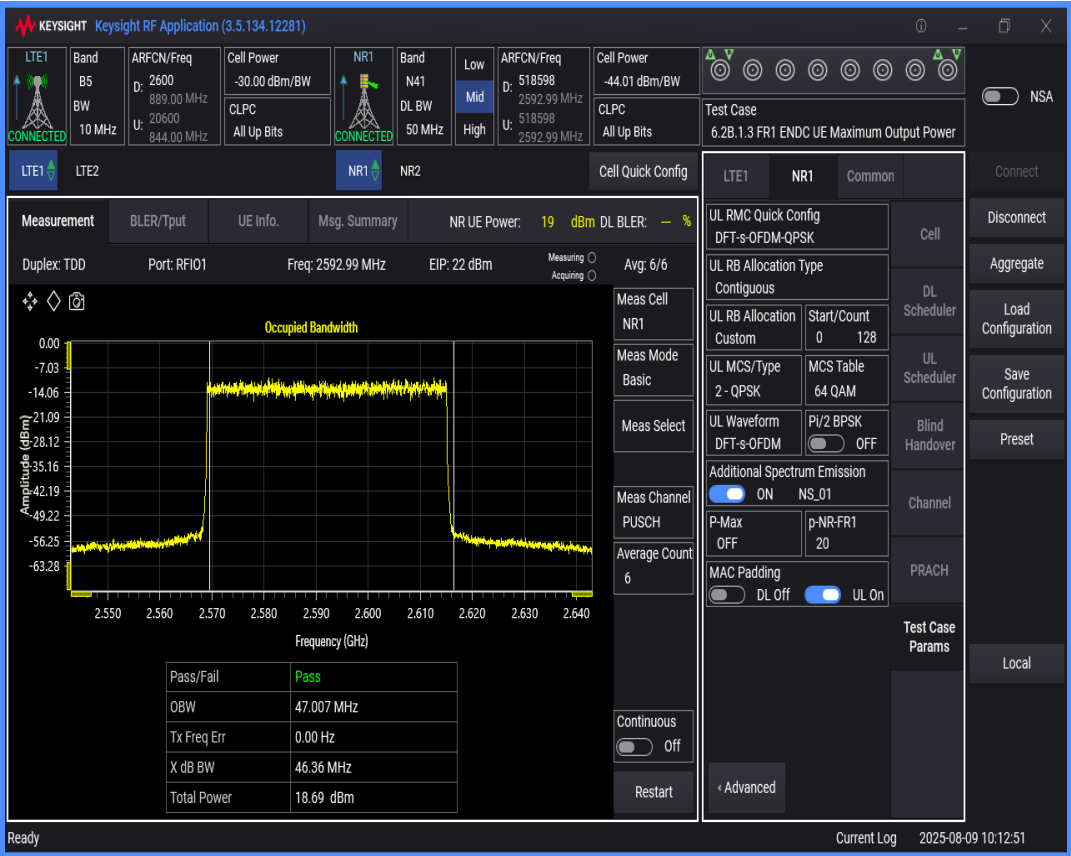
n41 SCS=30kHz DFT_QAM64 BW=80MHz Channel=518598 RB=216@0



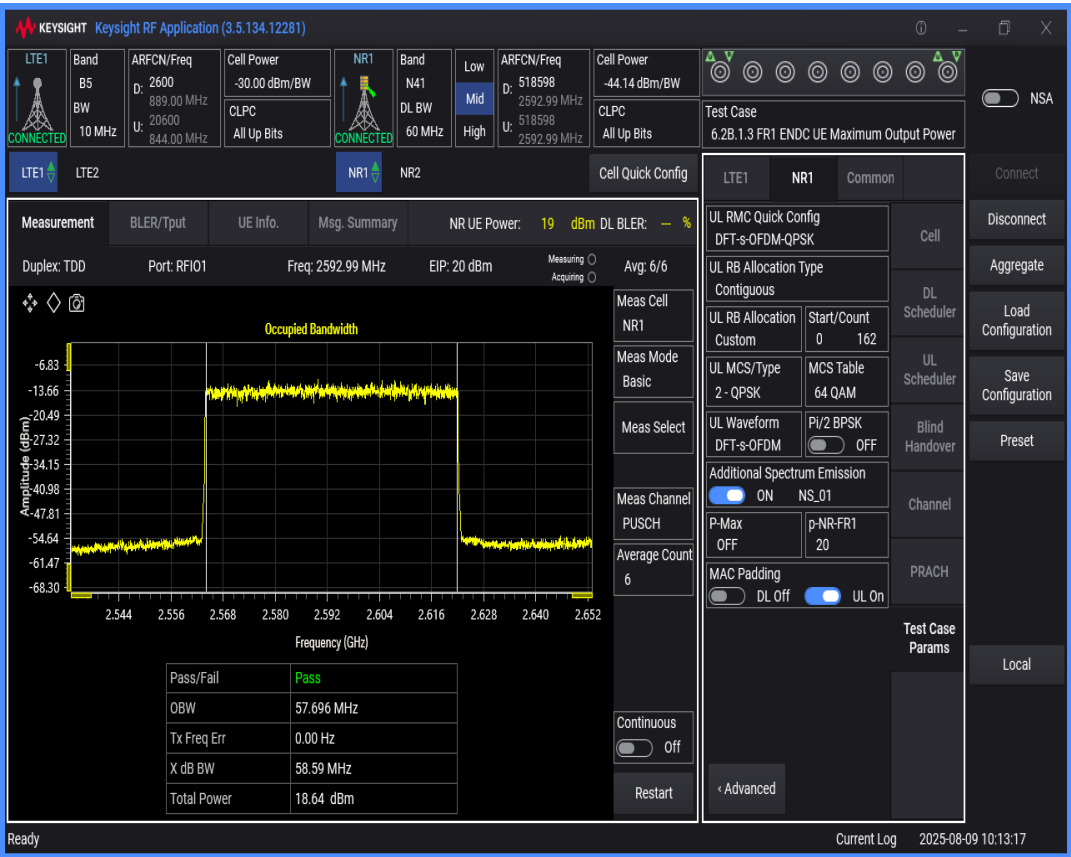
n41 SCS=30kHz DFT_QPSK BW=40MHz Channel=518598 RB=100@0



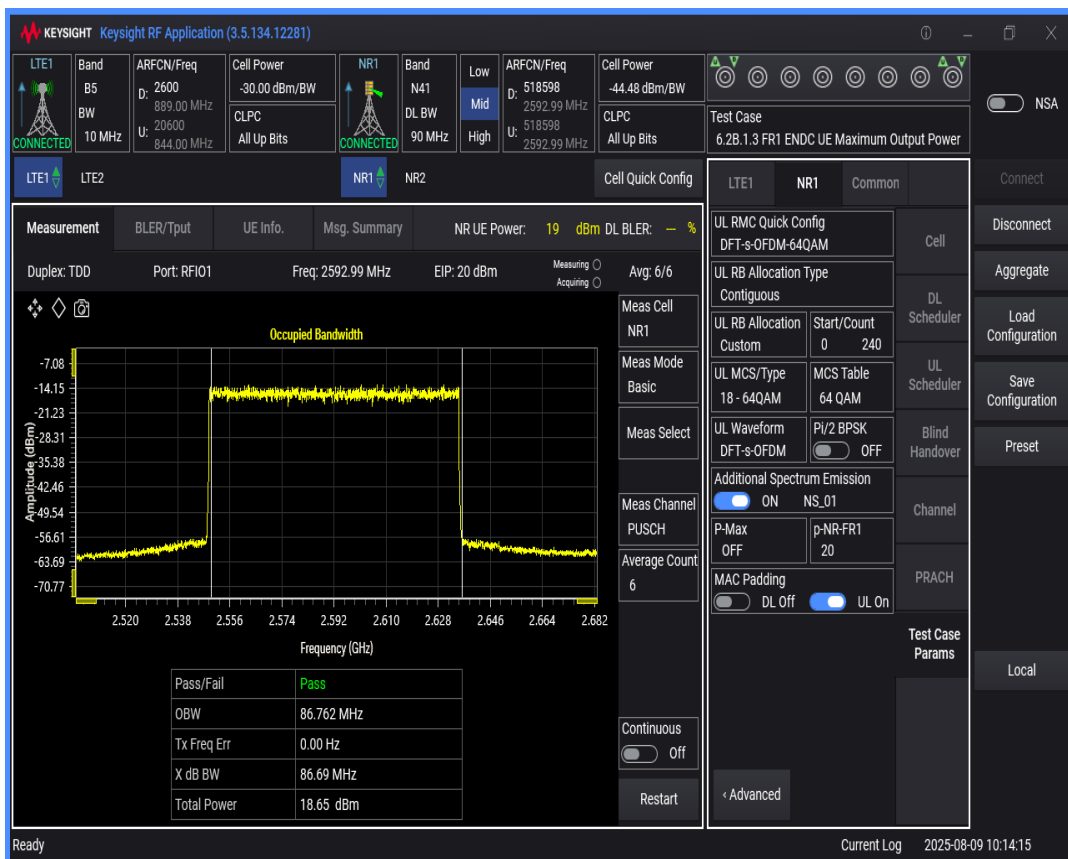
n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



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



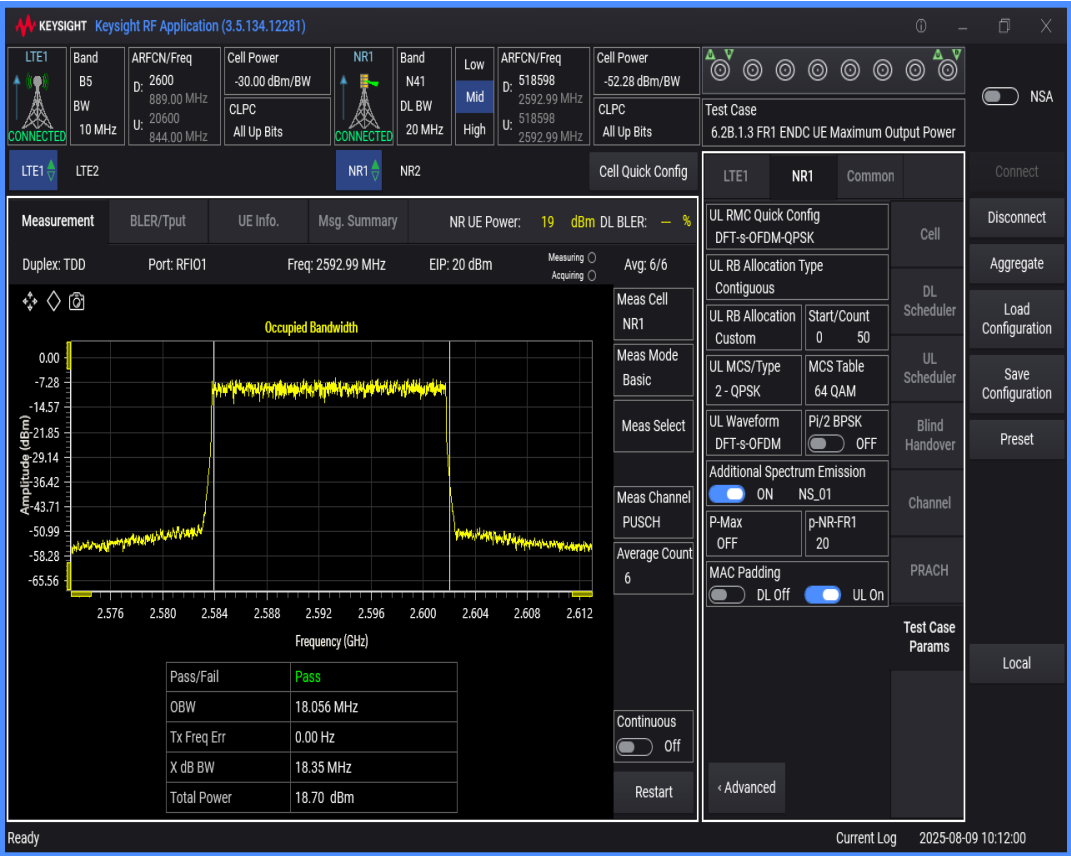
n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=518598 RB=240@0



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=90MHz Channel=518598 RB=240@0



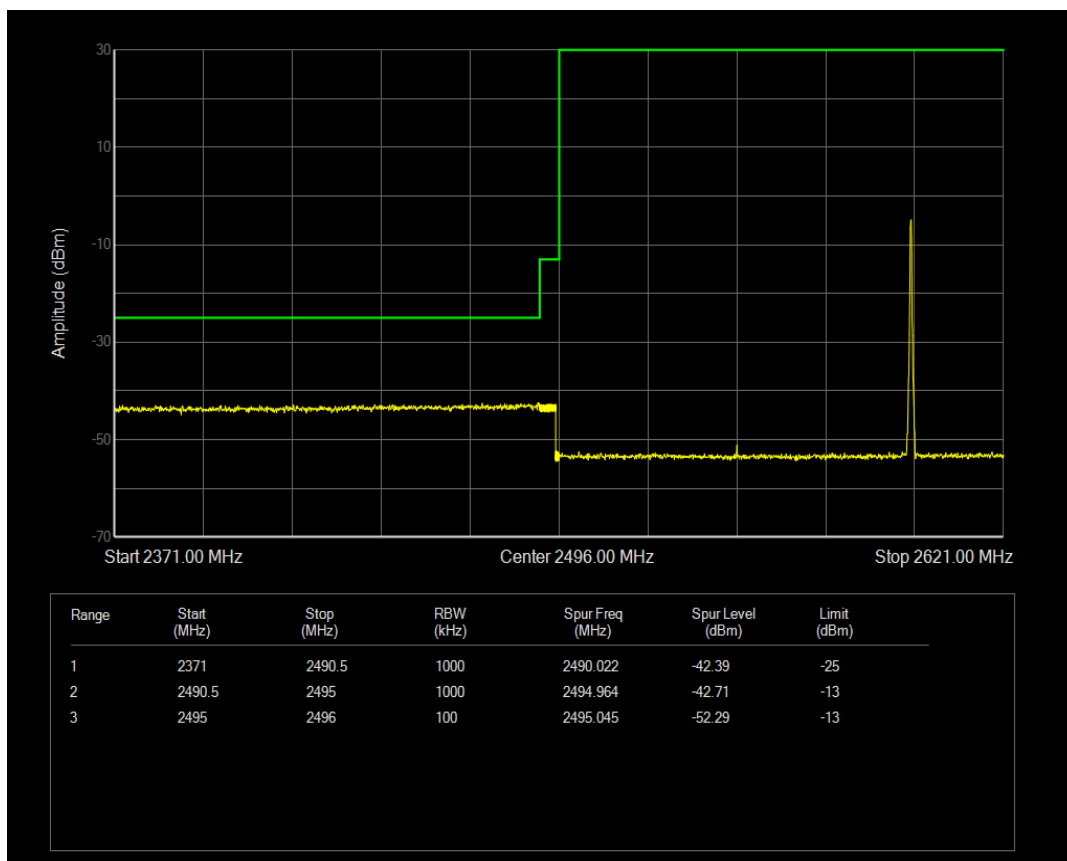
n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=518598 RB=216@0



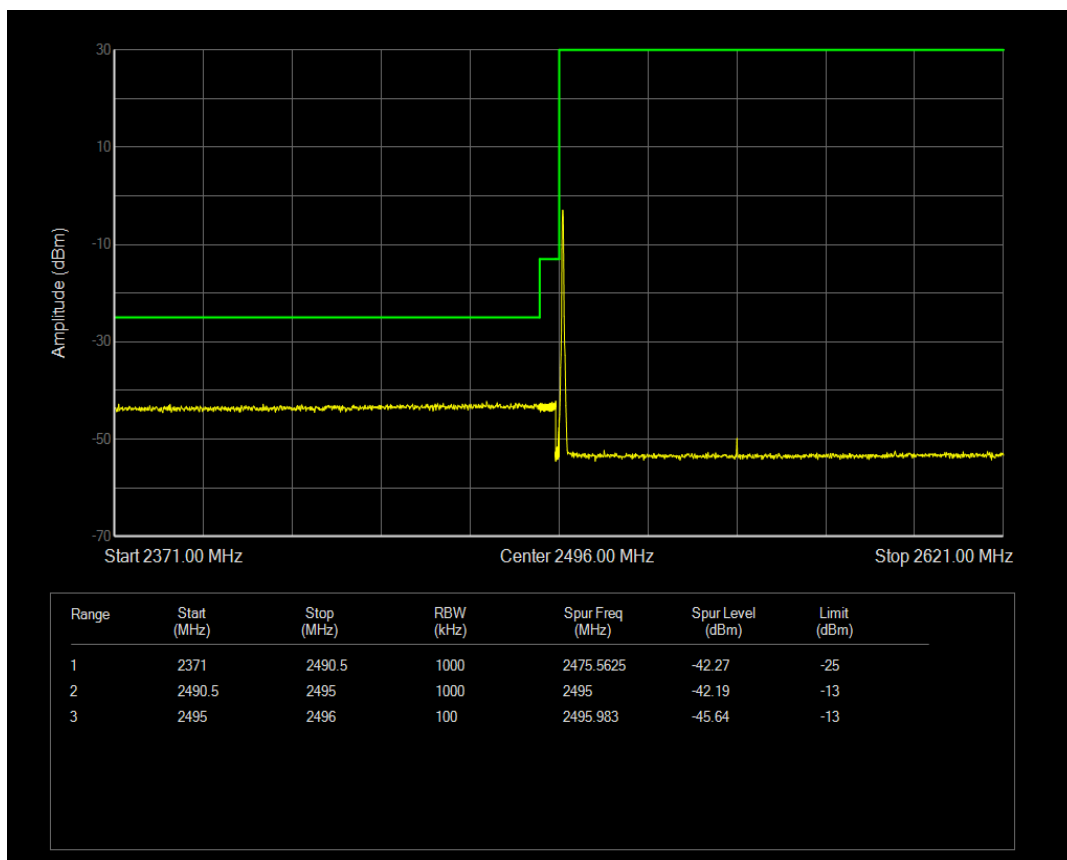
5 Band edge for EN-DC

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	2490.42	-40.43	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2482.21	-42.76	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2482.80	-42.85	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2710.06	-42.42	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2713.35	-42.62	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2712.21	-42.77	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2488.79	-41.42	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2488.33	-42.47	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2484.57	-42.52	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2743.75	-42.76	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	2747.71	-42.81	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2747.15	-42.42	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2489.07	-42.24	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	2475.56	-42.27	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2490.02	-42.39	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2798.60	-42.56	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	2798.48	-42.46	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2802.85	-42.59	-25	PASS

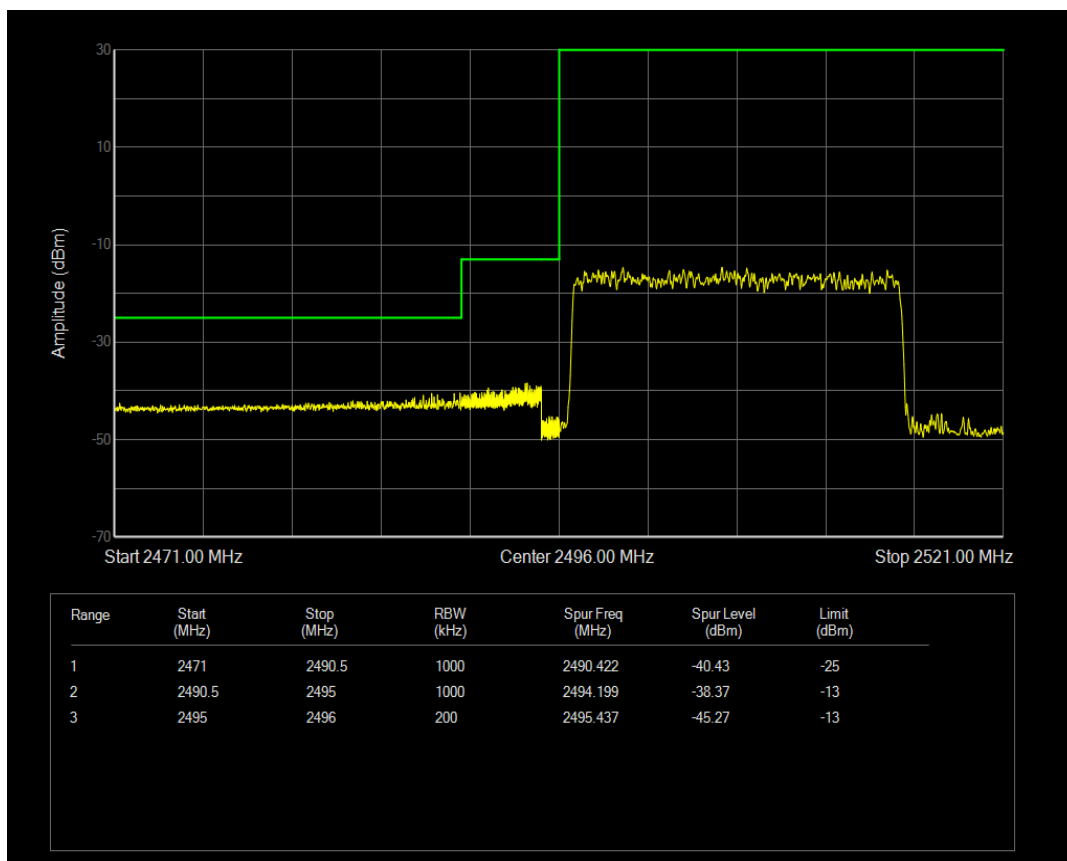
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272



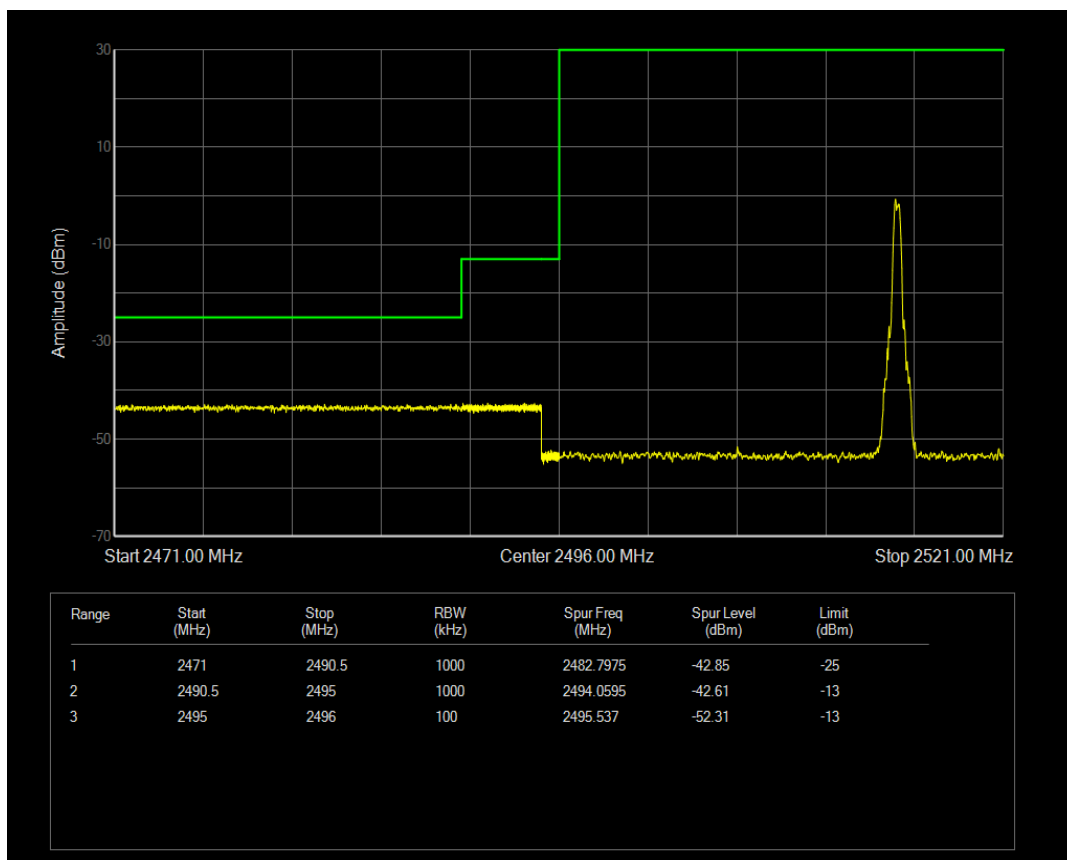
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0



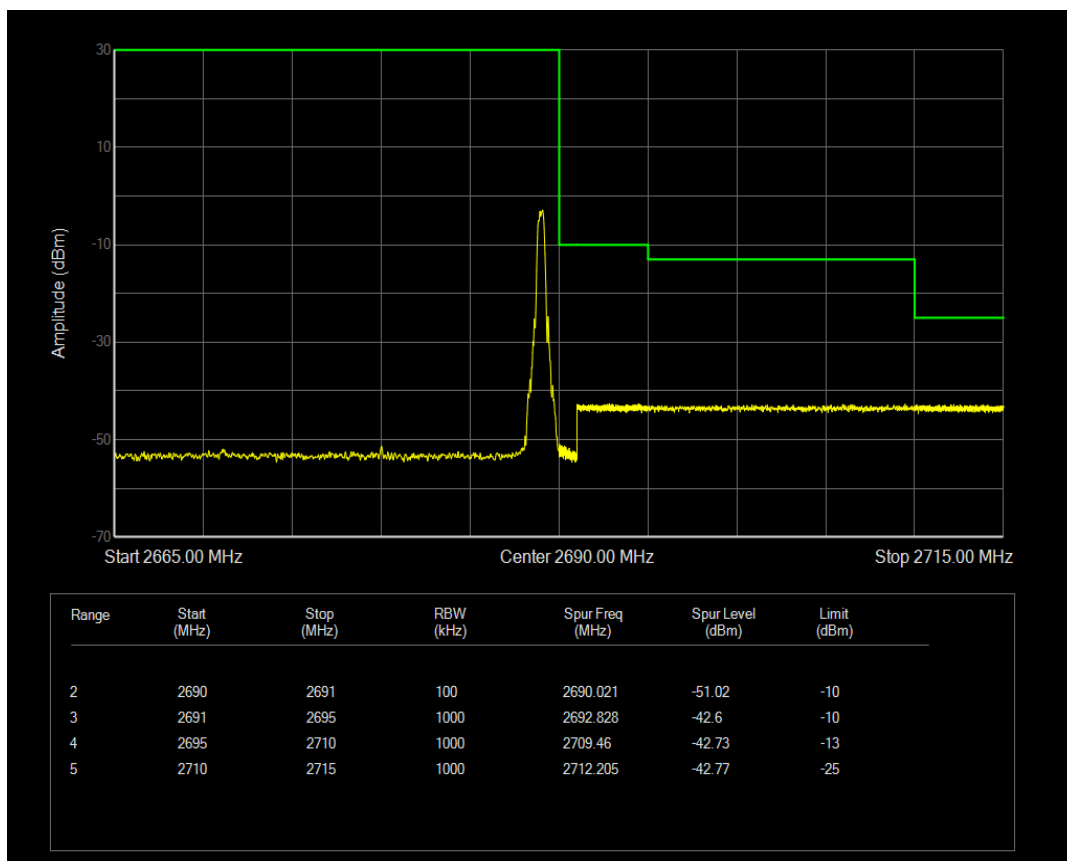
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0



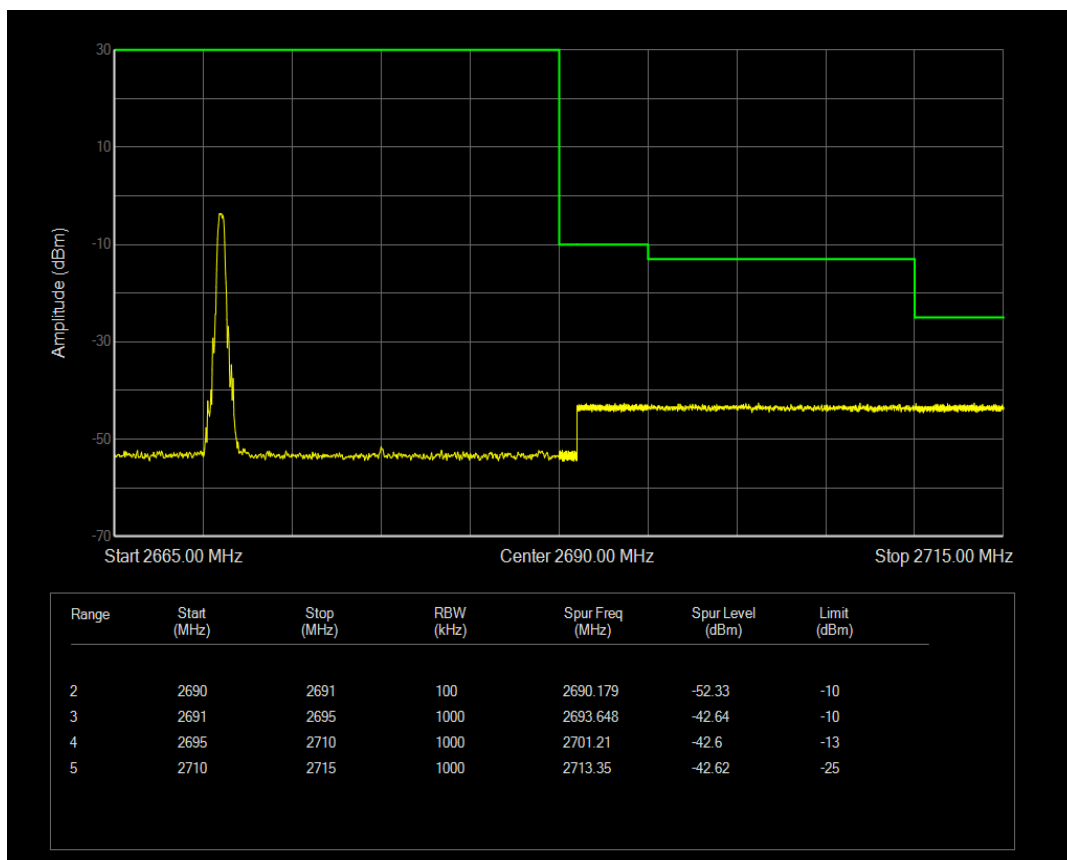
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50



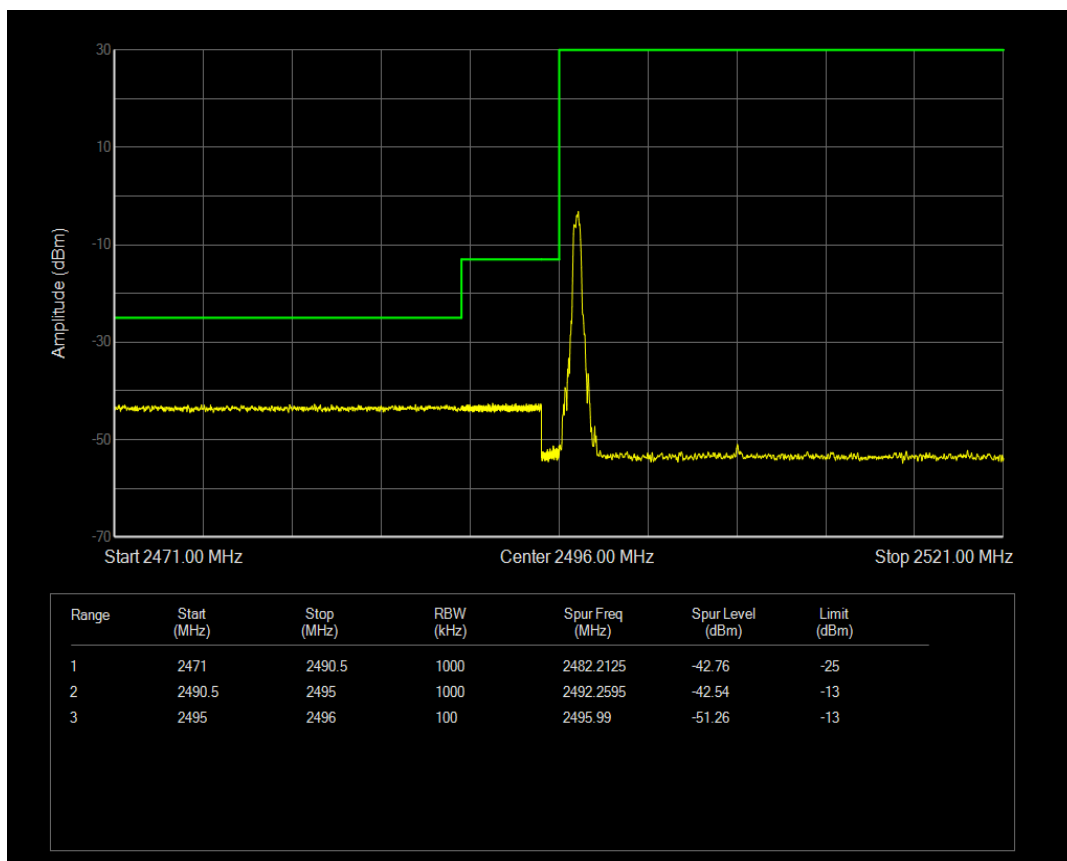
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50



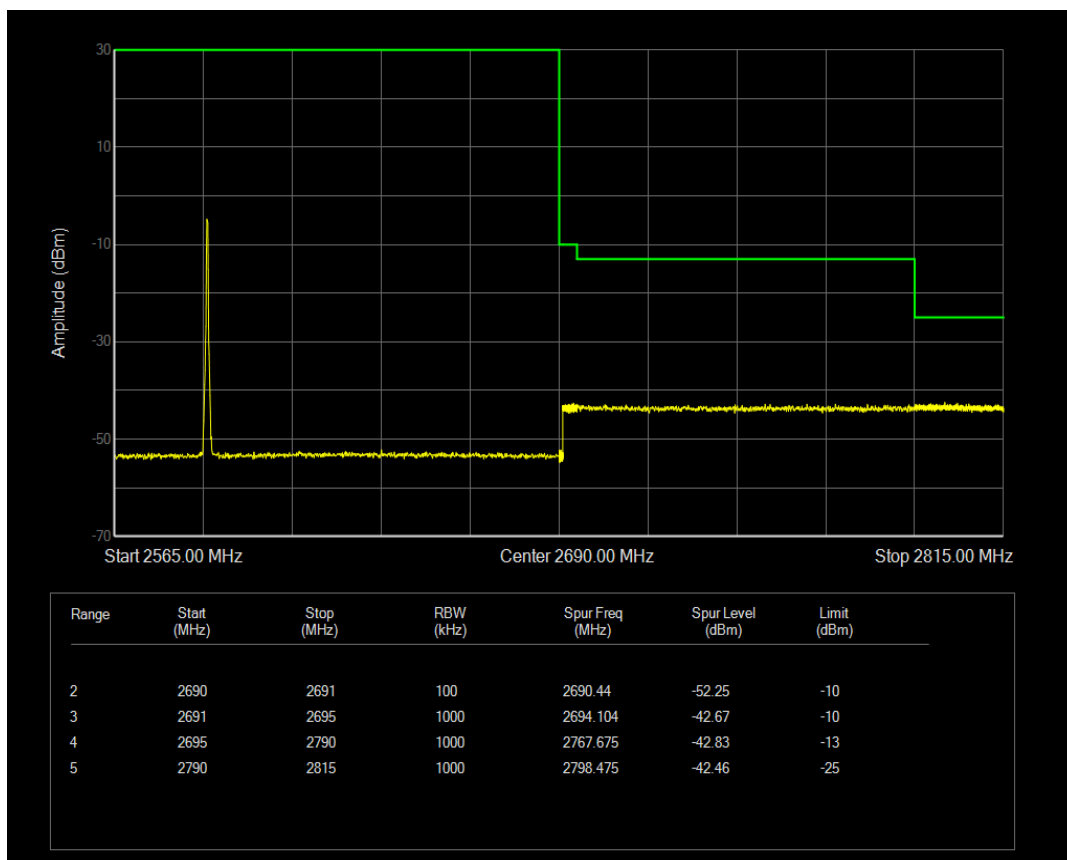
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@0



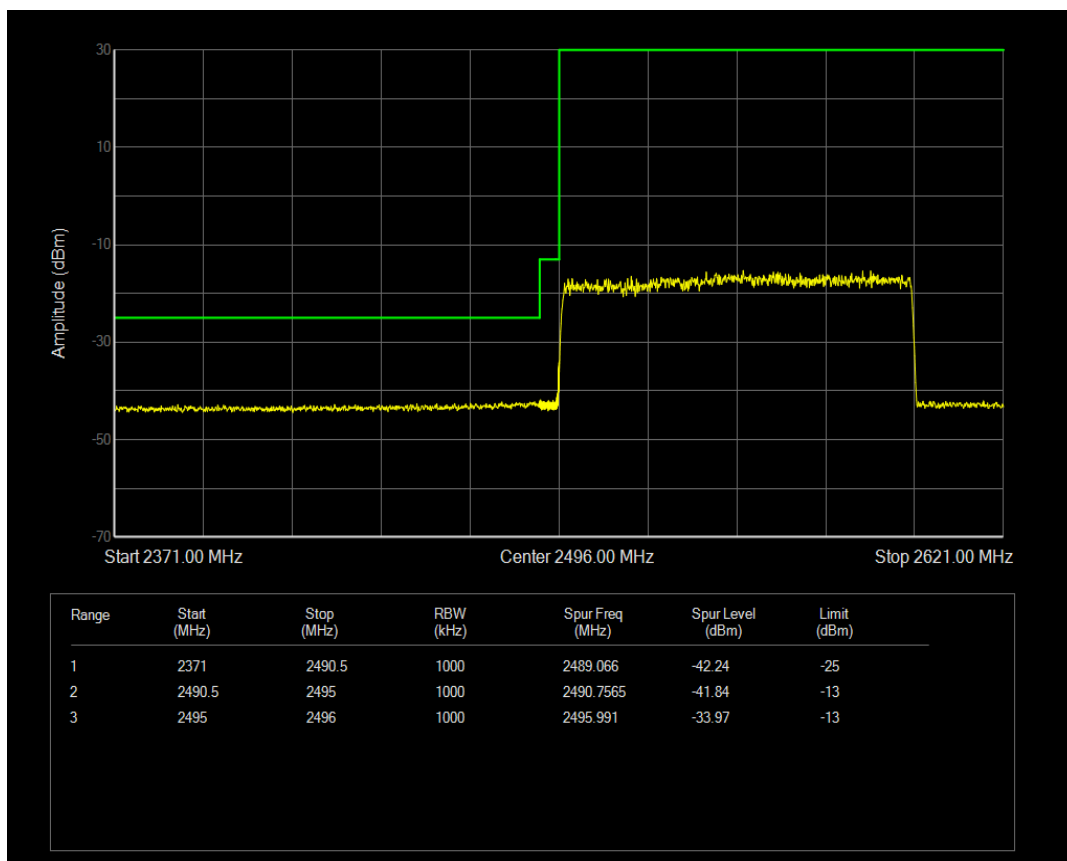
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0



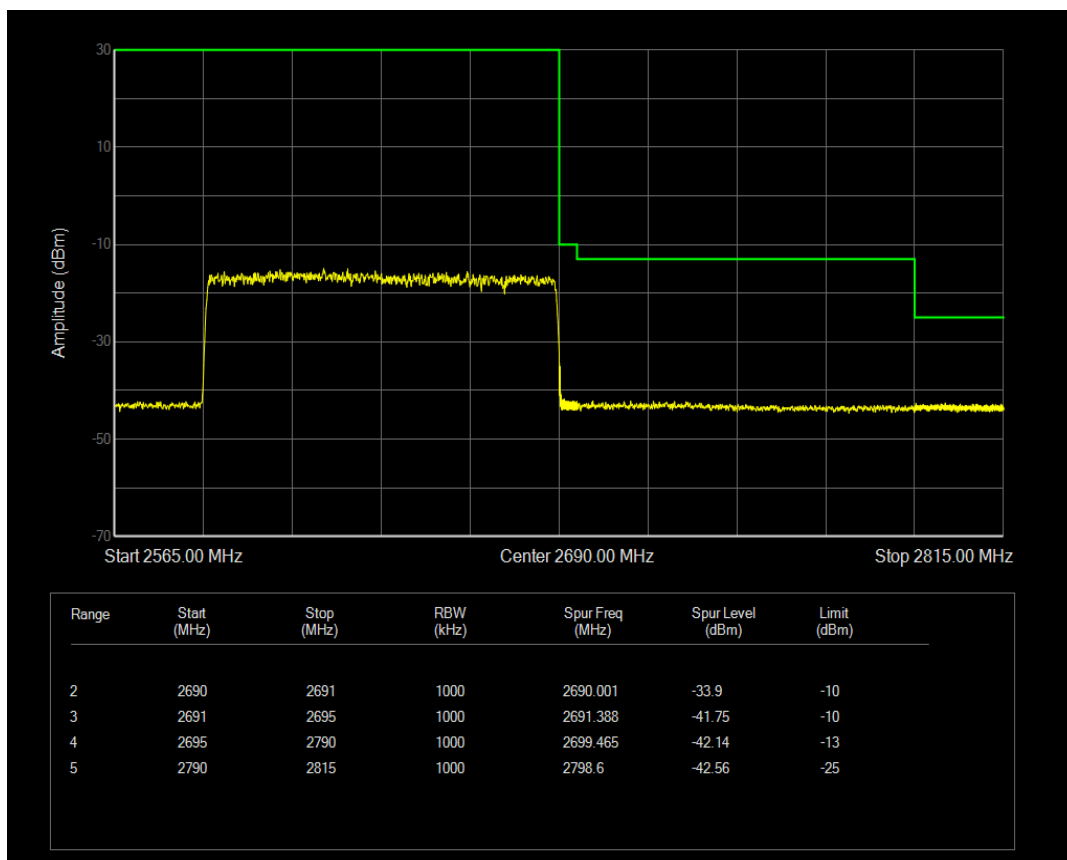
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0



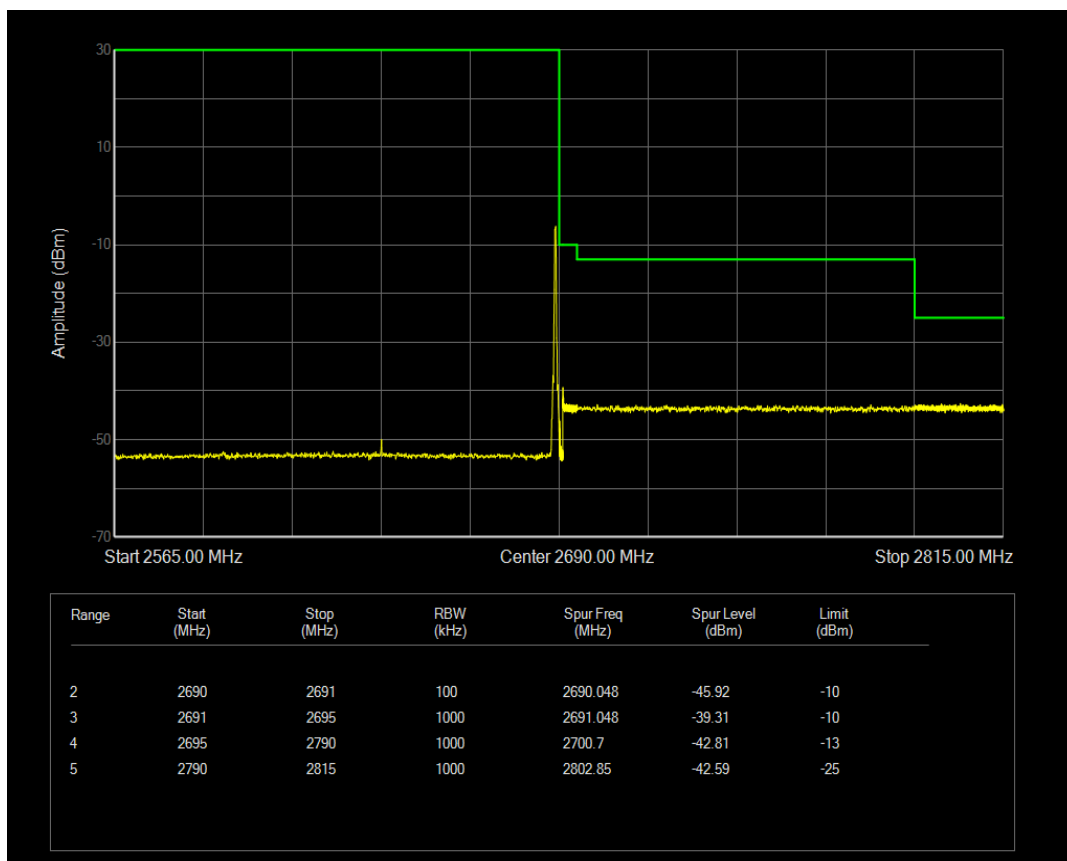
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0



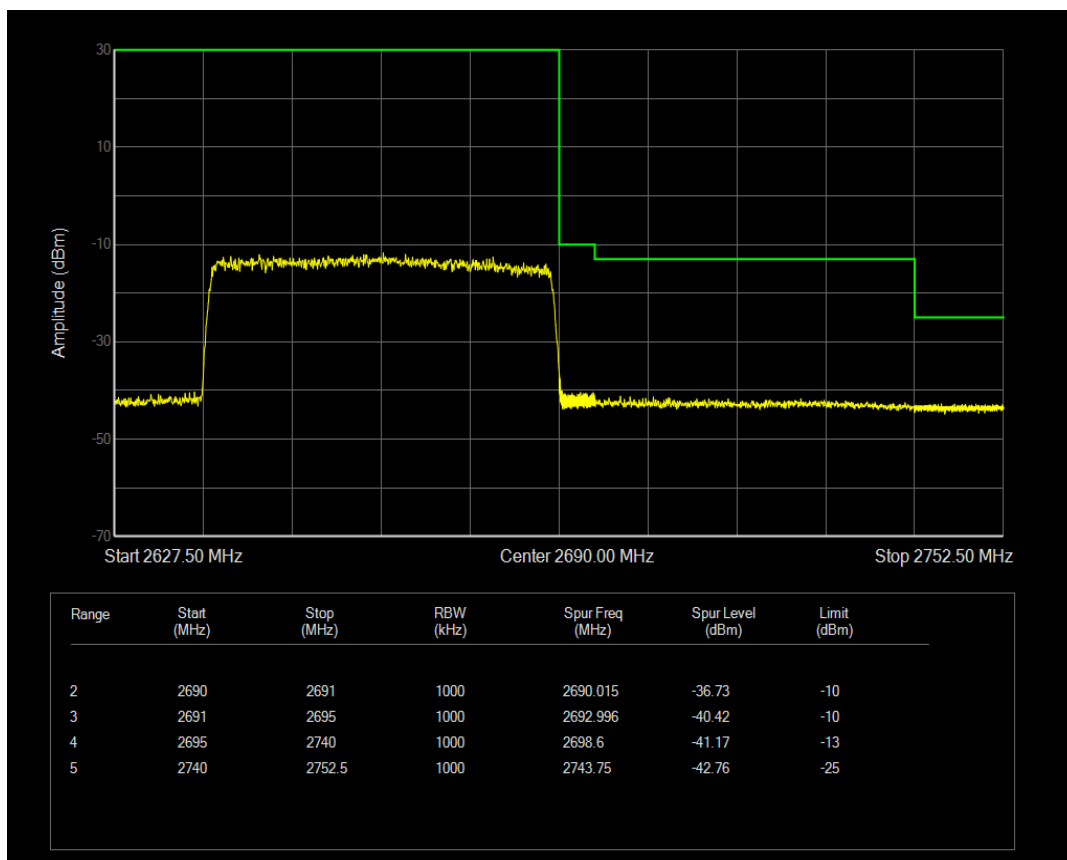
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0



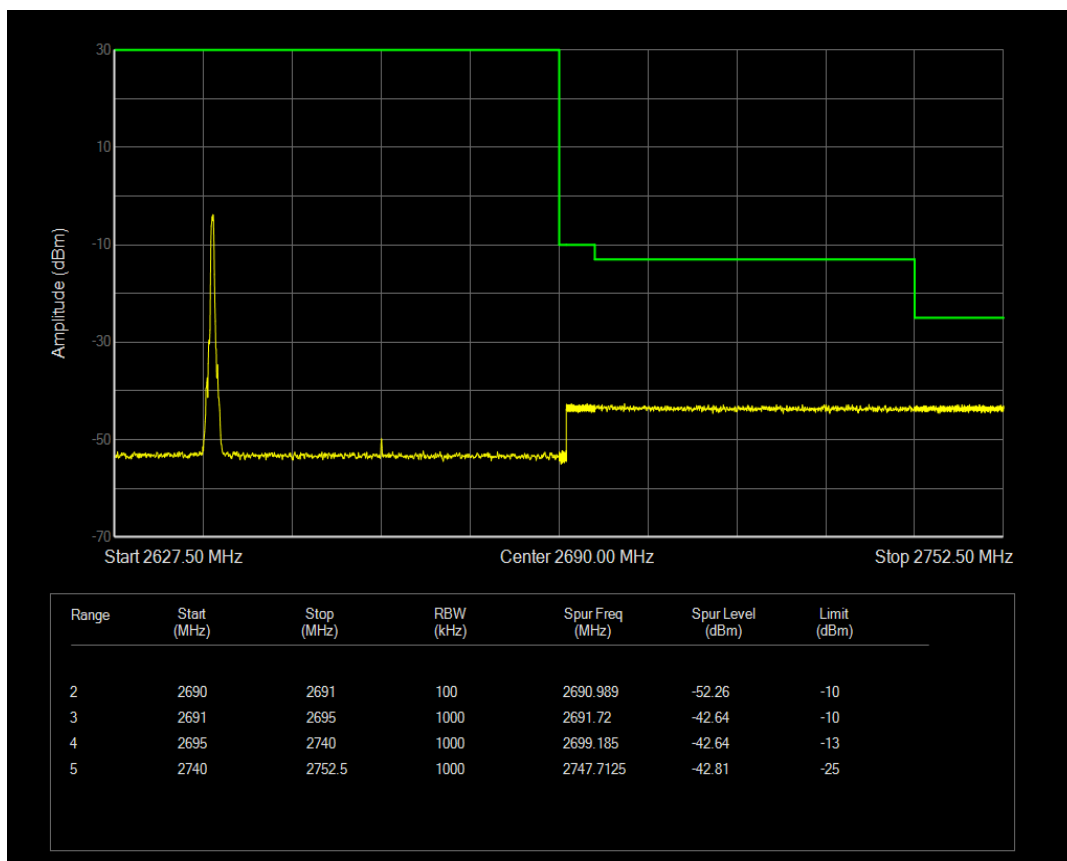
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272



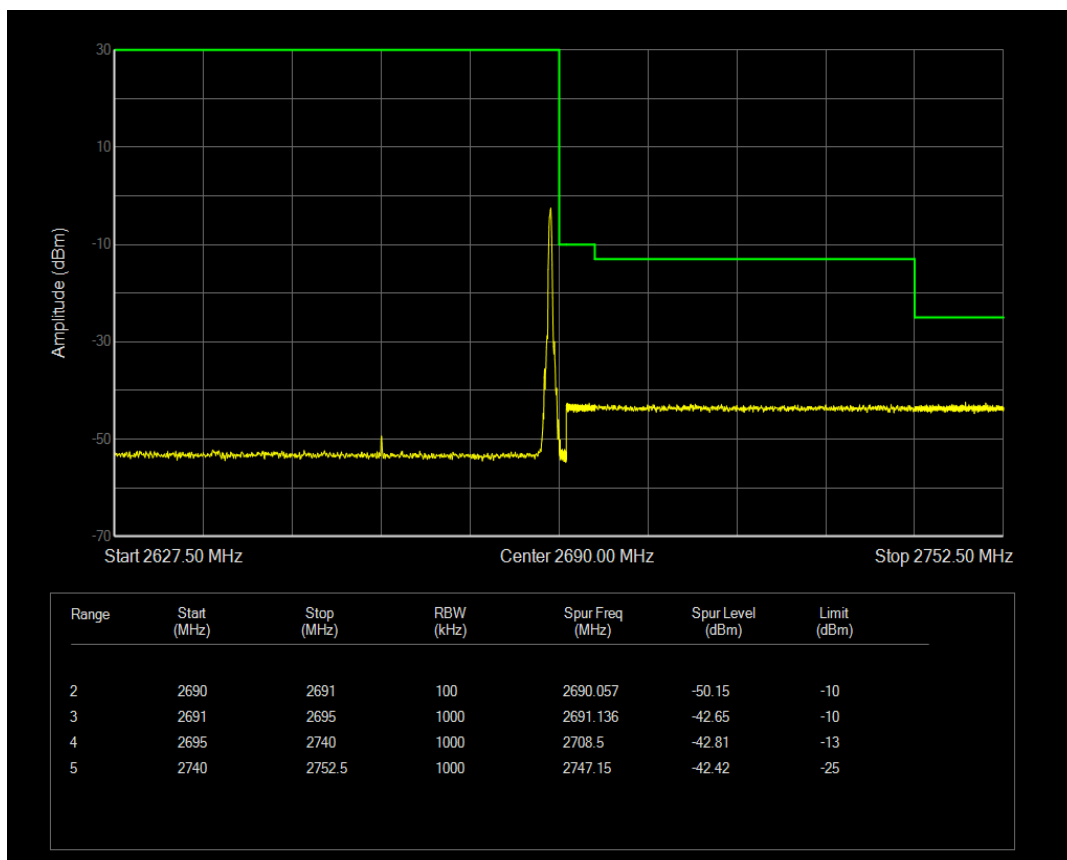
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=133@0



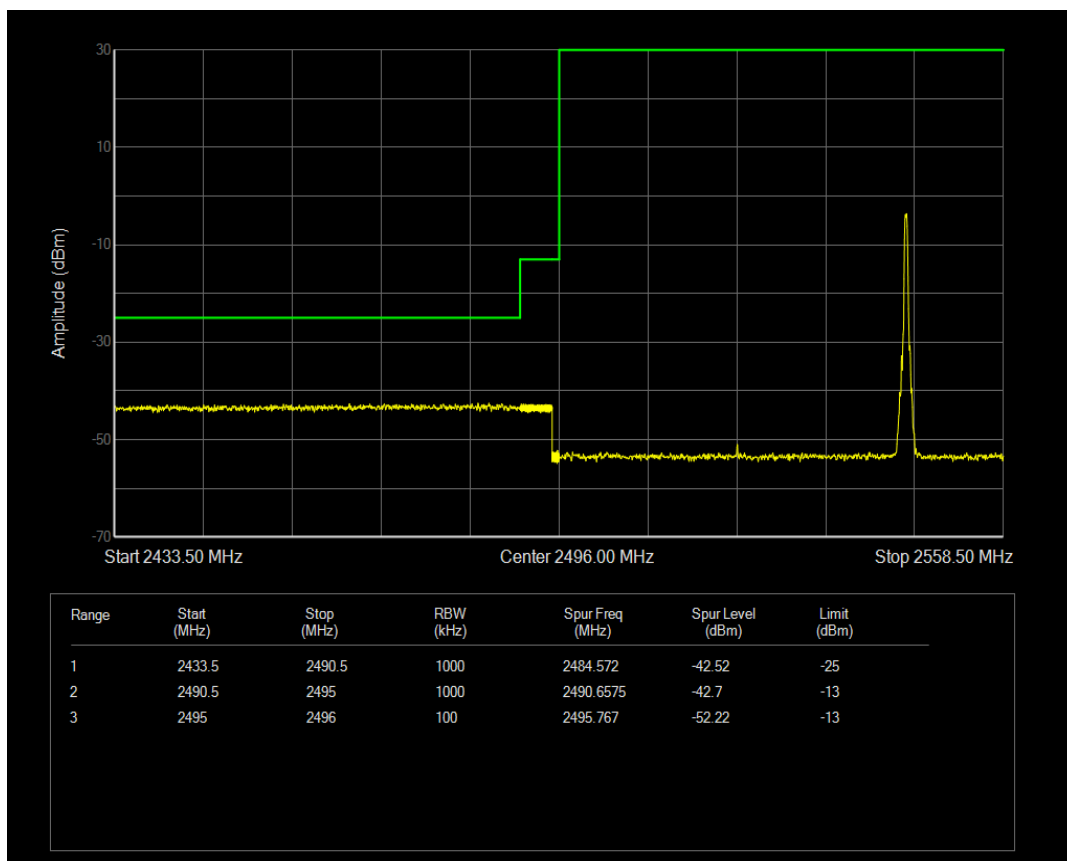
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@0



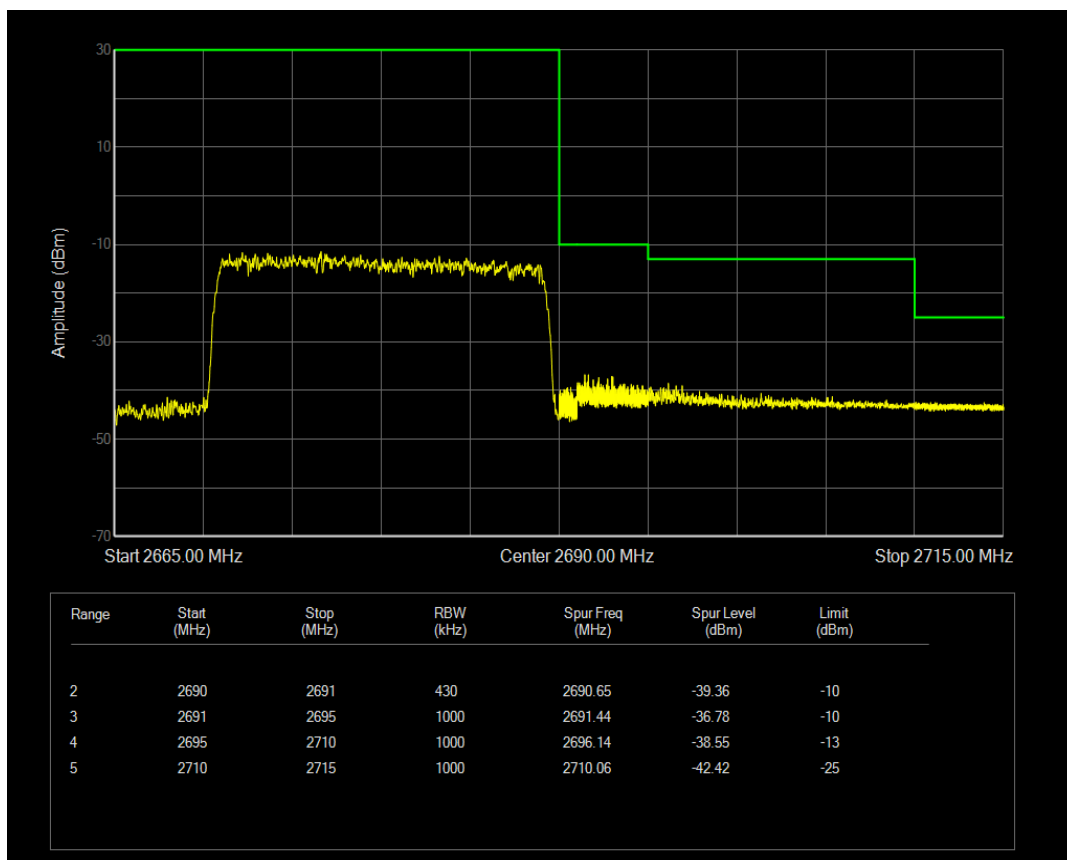
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@132



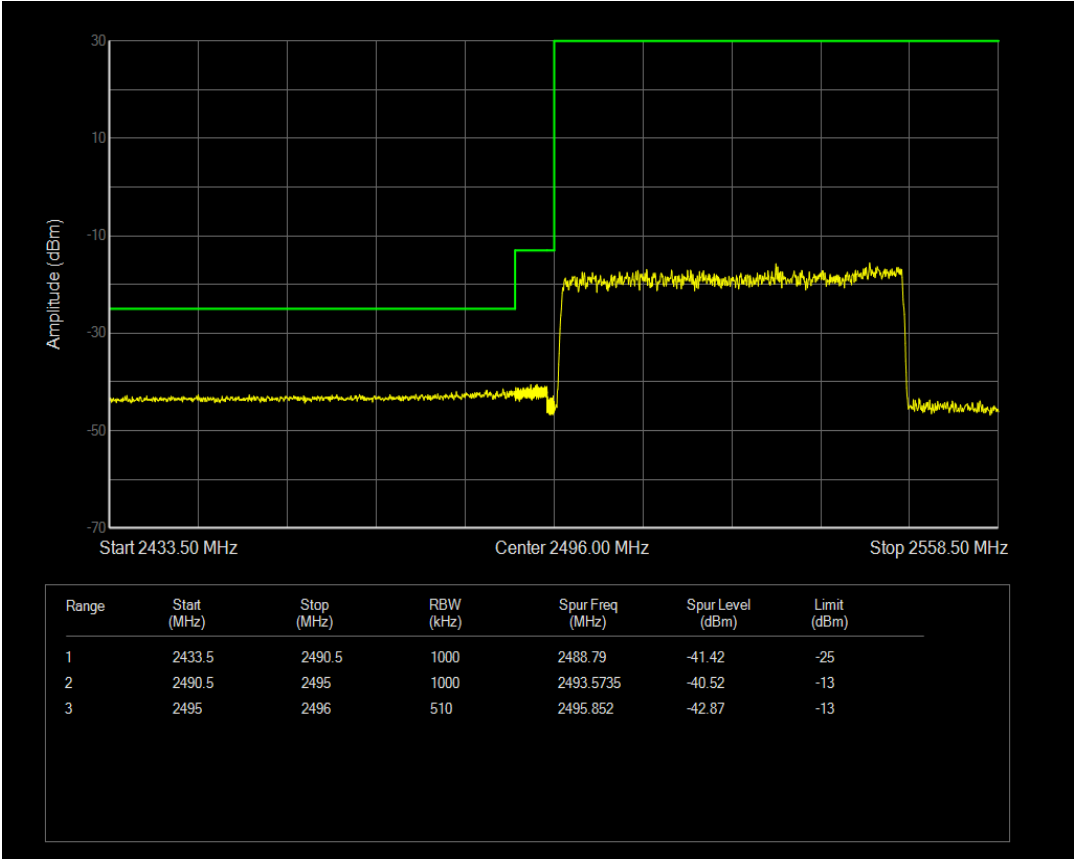
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@132



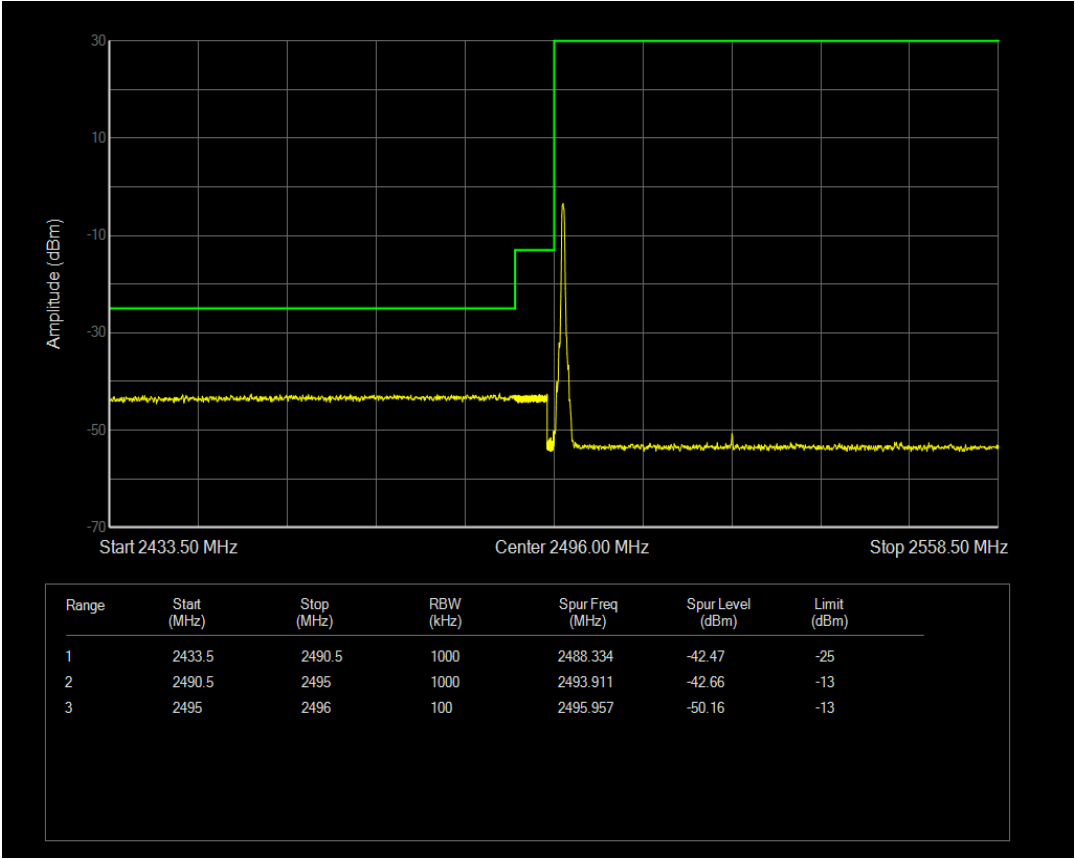
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0



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



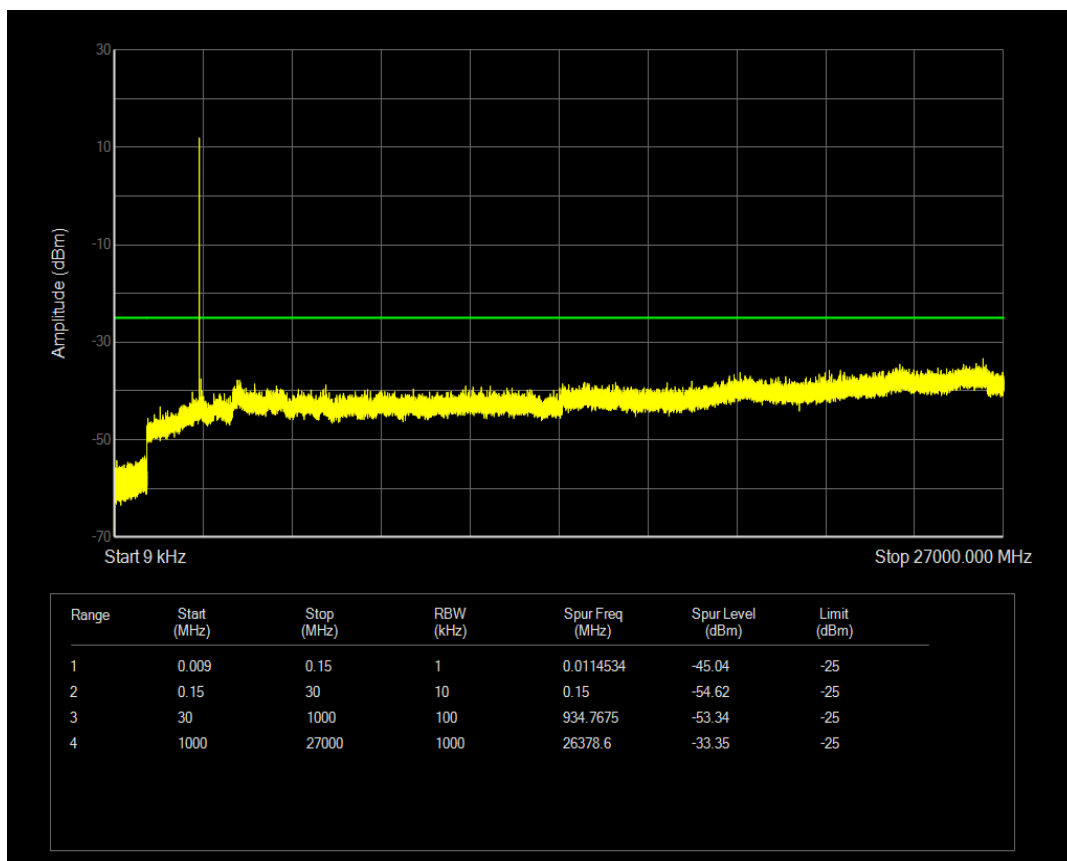
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@0



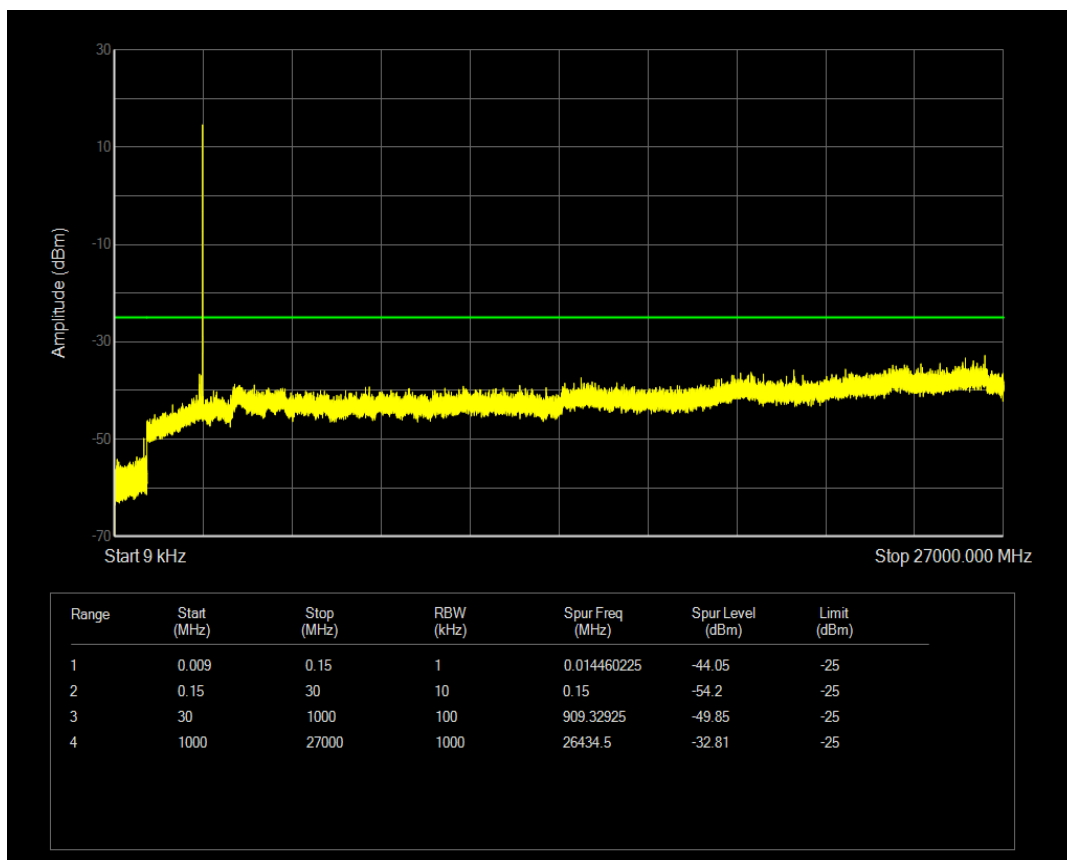
6 Out-of-band emissions for EN-DC

<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	26429.95	-33.88	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	26199.20	-34.47	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	26070.50	-34.36	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	26345.45	-33.79	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	23894.30	-33.93	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	25722.75	-34.27	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	26474.15	-33.74	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	25898.90	-33.98	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	26270.05	-33.60	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	25757.20	-33.98	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	25848.20	-34.09	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	25750.05	-33.88	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	25718.85	-33.45	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	25680.50	-34.13	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	25709.10	-33.98	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	23452.95	-34.33	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	26378.60	-33.35	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	26434.50	-32.81	-25	PASS

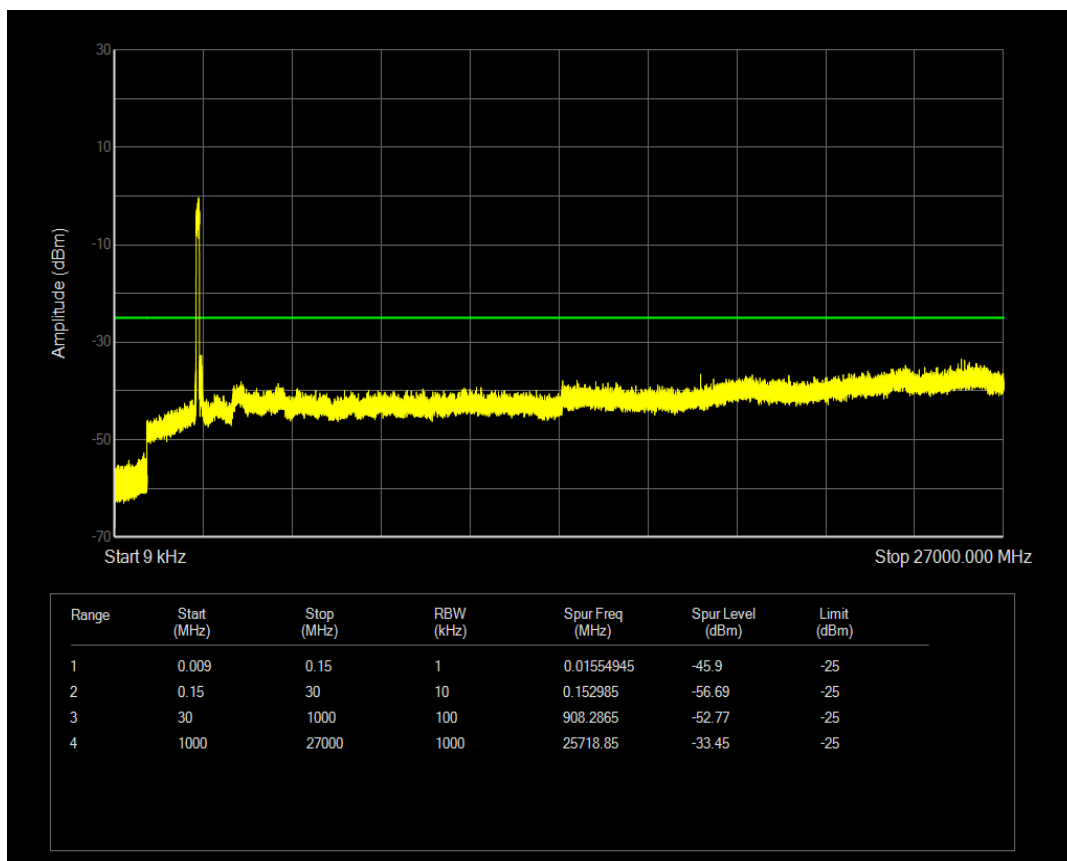
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0



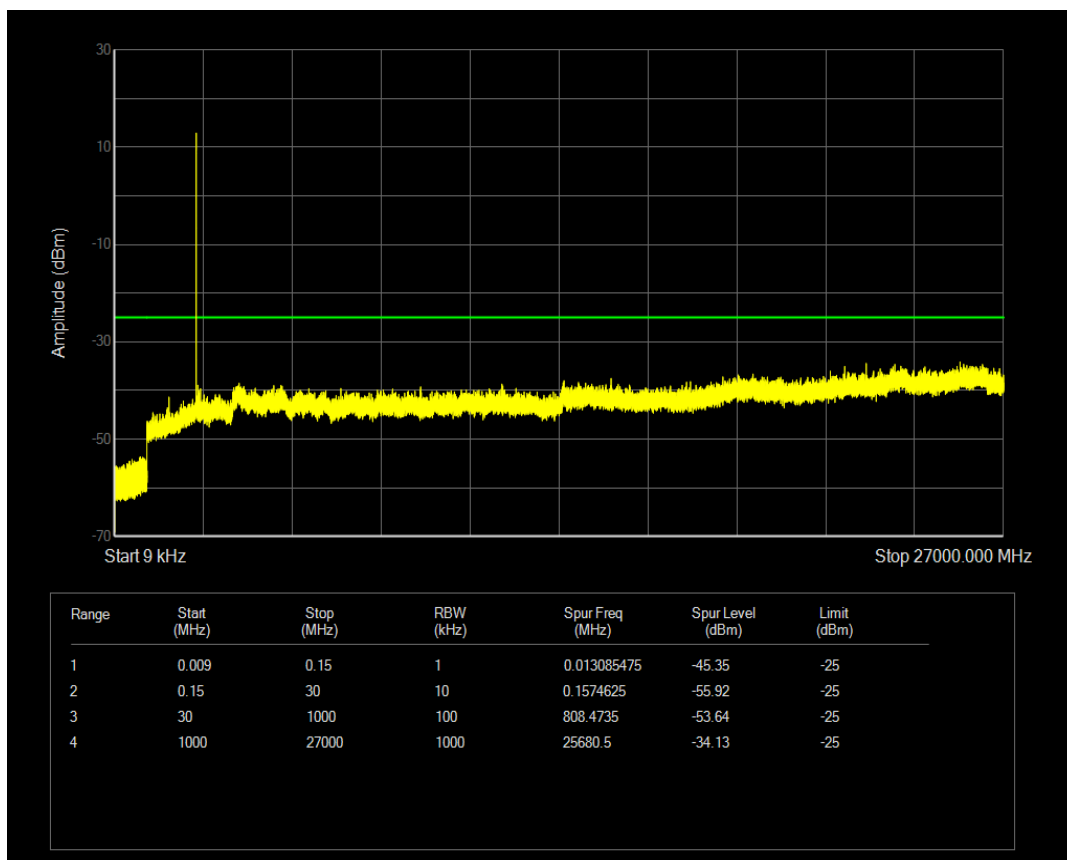
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272



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