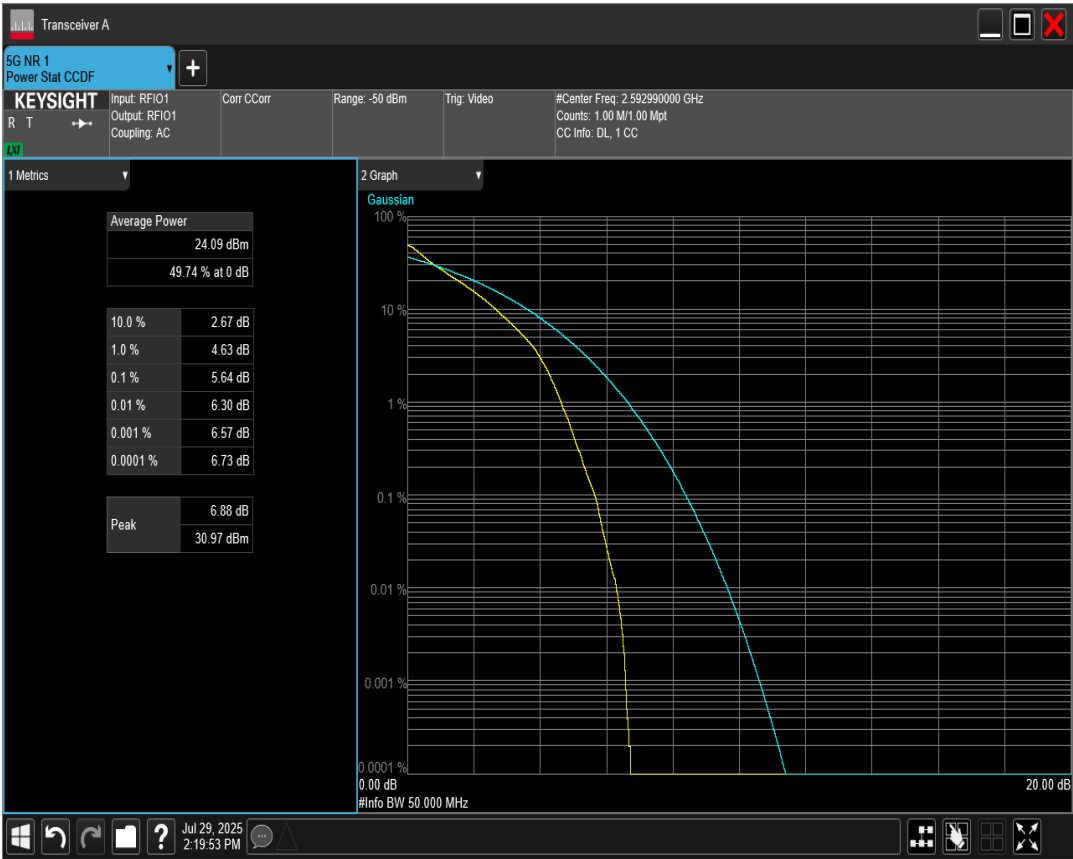
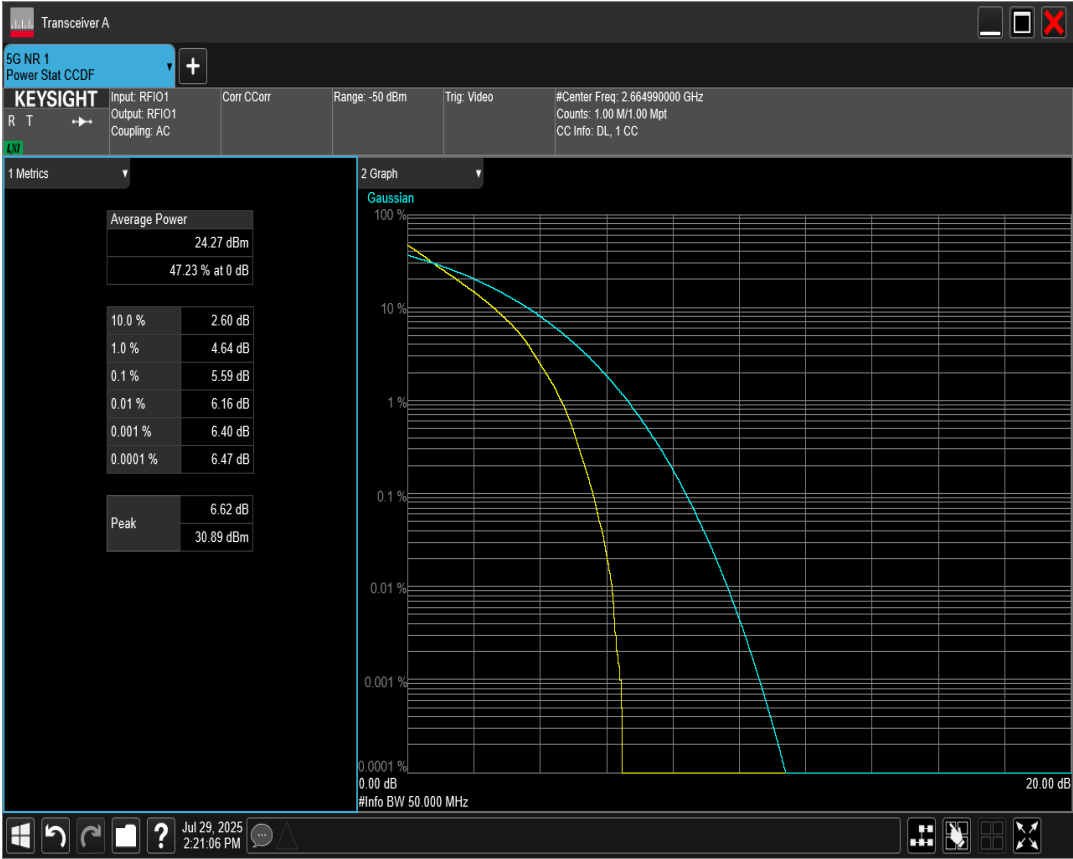


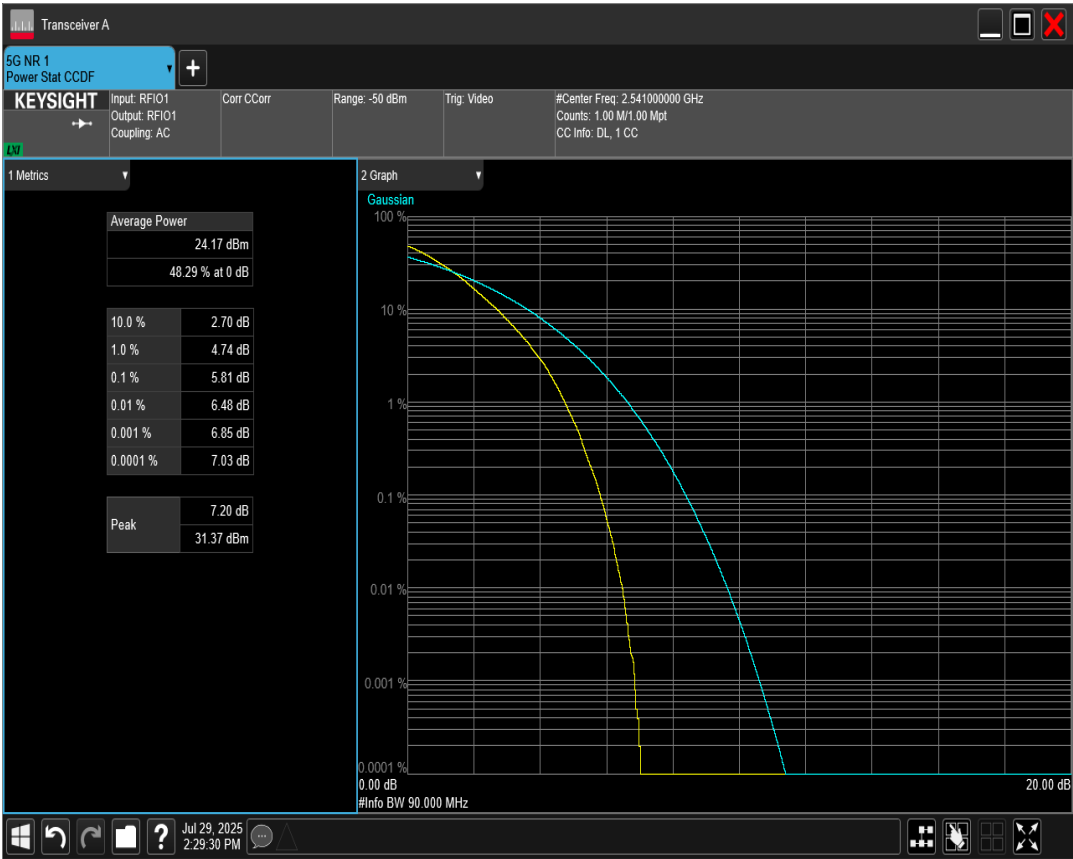
n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



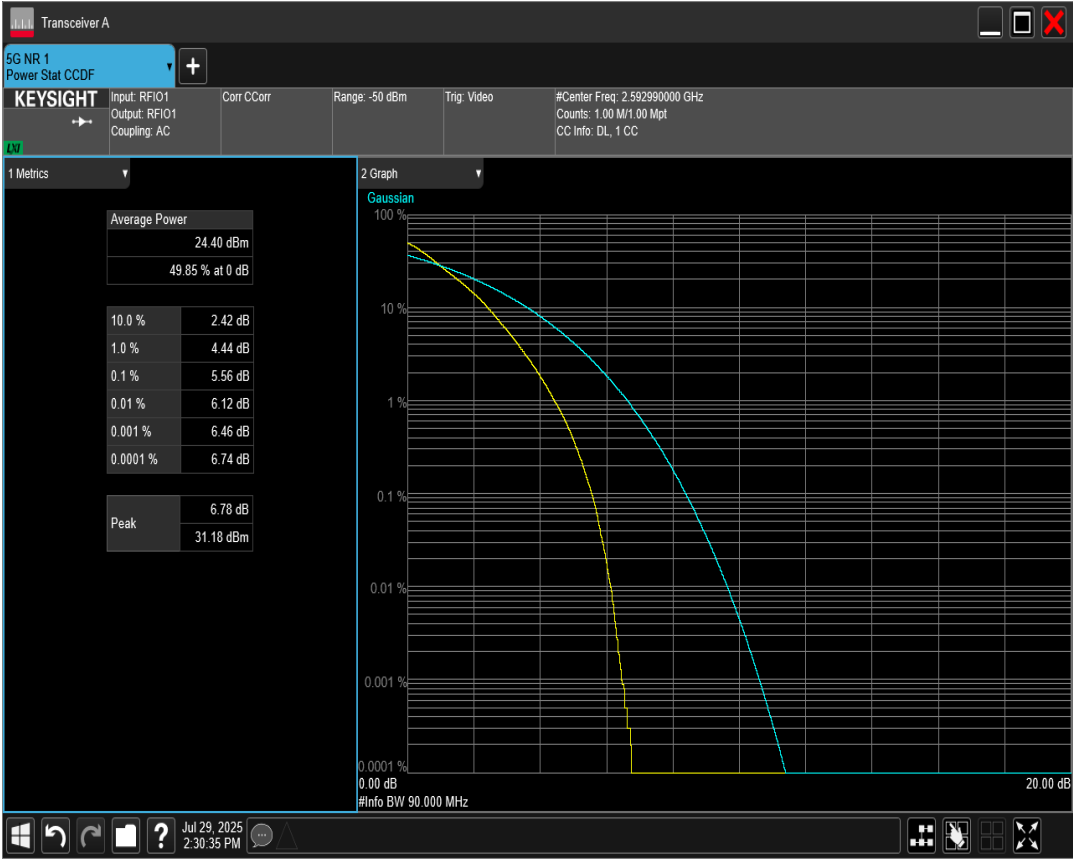
n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=532998 RB=128@0



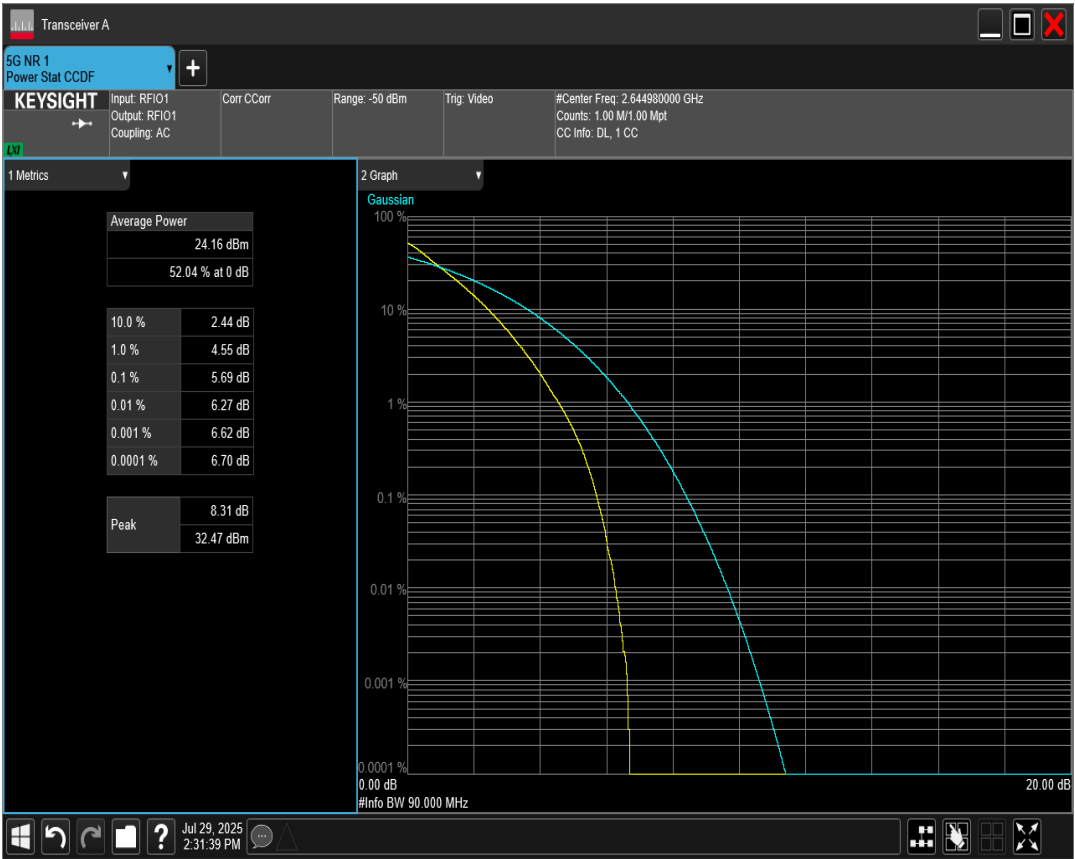
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=508200 RB=240@0



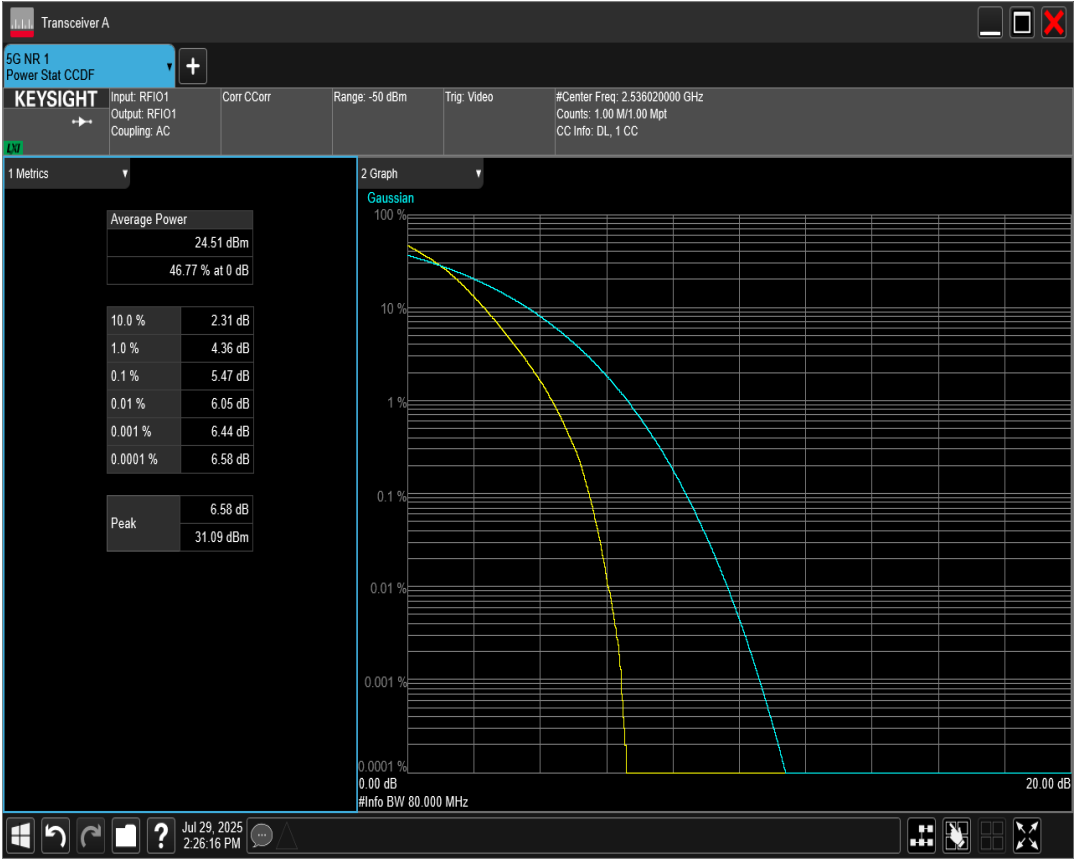
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0



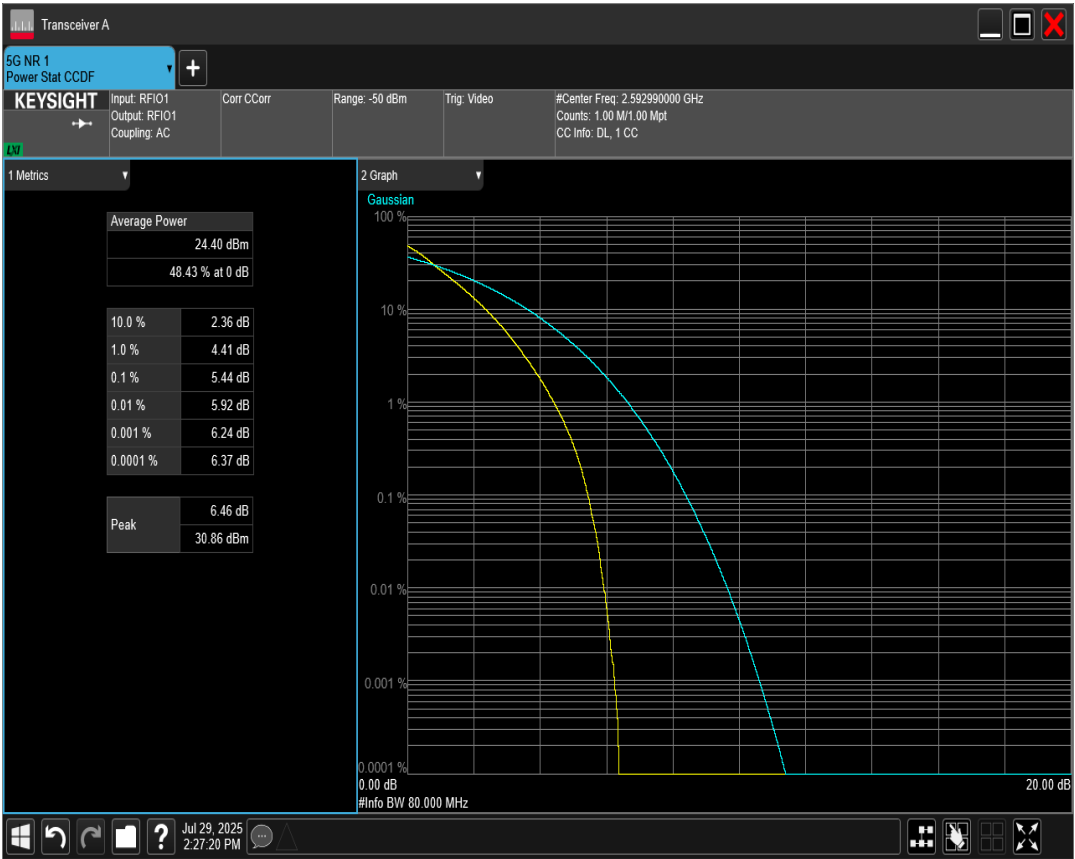
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=528996 RB=240@0



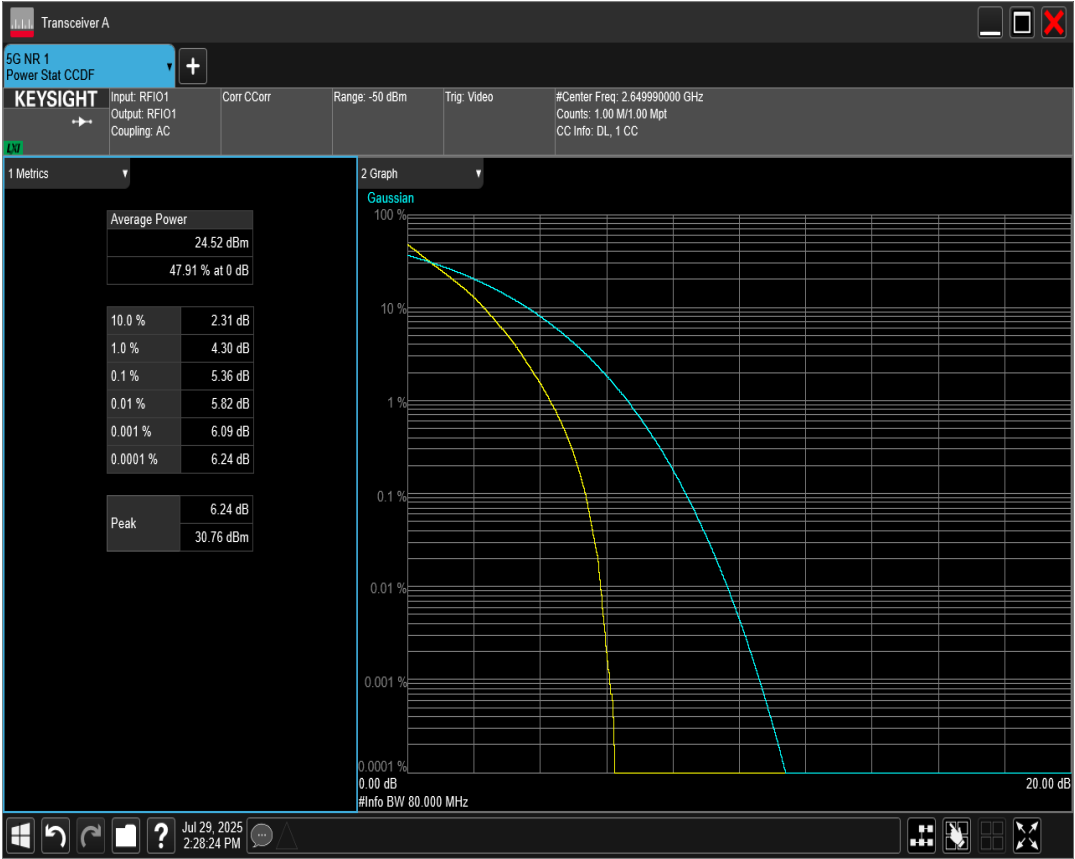
n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=507204 RB=216@0



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



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



4 Occupied bandwidth for NR FR1

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	18.090	18.290	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.060	18.280	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.030	18.230	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.030	18.320	PASS
n41	30	20	518598	50@0	DFT_QAM256	18.010	18.220	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.400	36.410	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.410	36.330	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.410	36.360	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.440	36.330	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.390	36.380	PASS
n41	30	50	518598	128@0	DFT_BPSK	46.950	46.430	PASS
n41	30	50	518598	128@0	DFT_QPSK	47.000	46.360	PASS
n41	30	50	518598	128@0	DFT_QAM16	47.030	46.360	PASS
n41	30	50	518598	128@0	DFT_QAM64	46.950	46.310	PASS
n41	30	50	518598	128@0	DFT_QAM256	46.830	46.370	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.630	58.650	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.640	58.610	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.700	58.610	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.680	58.550	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.780	58.580	PASS
n41	30	80	518598	216@0	DFT_BPSK	76.950	78.020	PASS
n41	30	80	518598	216@0	DFT_QPSK	76.950	78.040	PASS
n41	30	80	518598	216@0	DFT_QAM16	76.930	78.170	PASS
n41	30	80	518598	216@0	DFT_QAM64	77.060	78.080	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.030	78.200	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.540	86.660	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.310	86.760	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.340	86.660	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.420	86.690	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.760	86.680	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.170	97.550	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.060	97.600	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.300	97.640	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.280	97.520	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.030	97.570	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=50MHz Channel=518598 RB=128@0



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



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



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



n41 SCS=30kHz DFT_BPSK BW=80MHz Channel=518598 RB=216@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=60MHz Channel=518598 RB=162@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_QAM256 BW=100MHz Channel=518598 RB=270@0



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



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



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



n41 SCS=30kHz DFT_QAM256 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=50MHz Channel=518598 RB=128@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=40MHz Channel=518598 RB=100@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=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_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=90MHz Channel=518598 RB=240@0



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



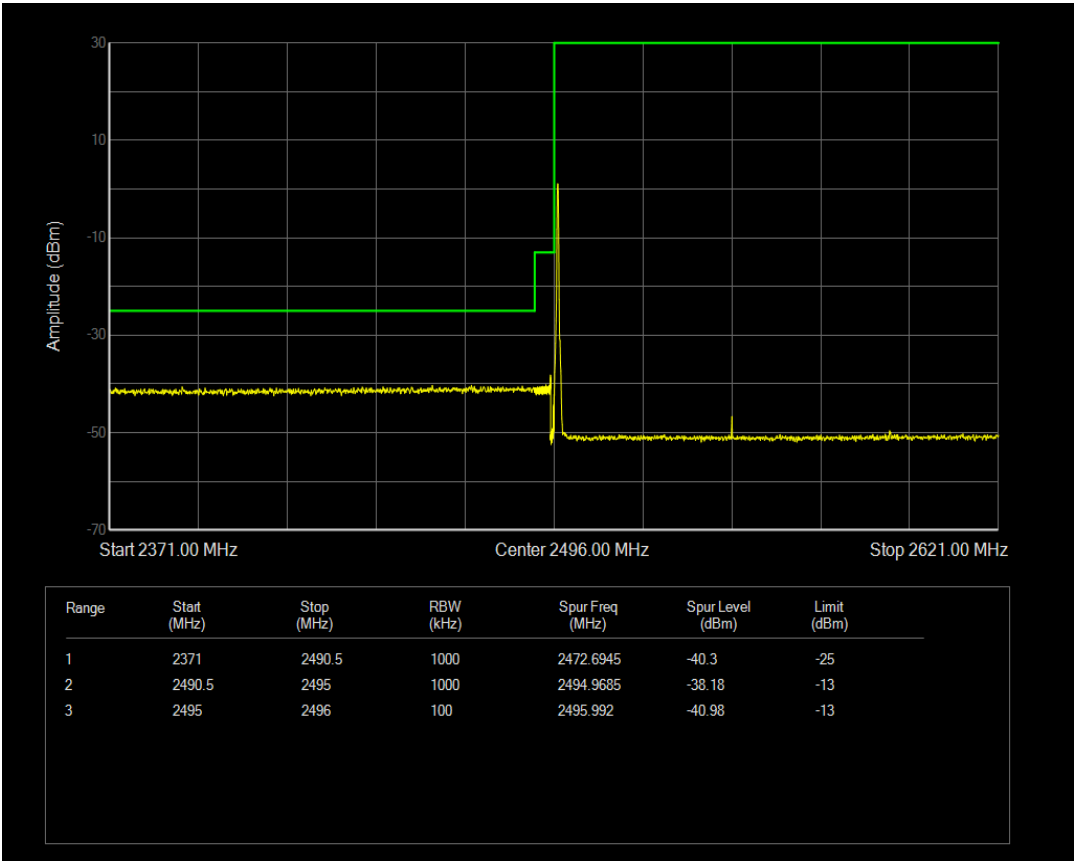
n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=518598 RB=162@0



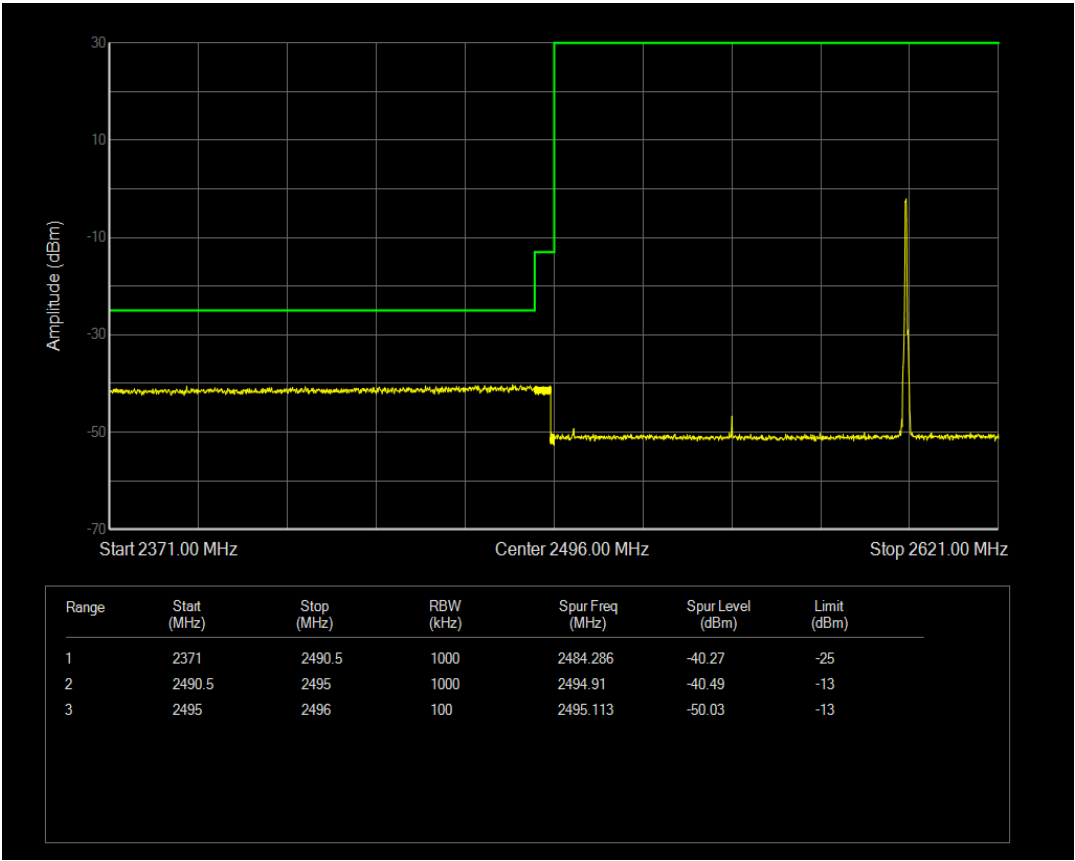
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	30	20	501204	51@0	CP_QPSK	2490.36	-37.94	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2477.45	-40.34	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2476.99	-40.19	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2710.46	-39.20	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2712.98	-40.45	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2711.52	-40.42	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2485.66	-40.25	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2464.00	-40.42	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2486.40	-40.39	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2742.26	-40.47	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	2750.00	-40.29	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2740.19	-40.21	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2488.83	-40.14	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	2472.69	-40.30	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2484.29	-40.27	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2795.18	-40.56	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	2806.23	-40.59	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2814.98	-40.42	-25	PASS

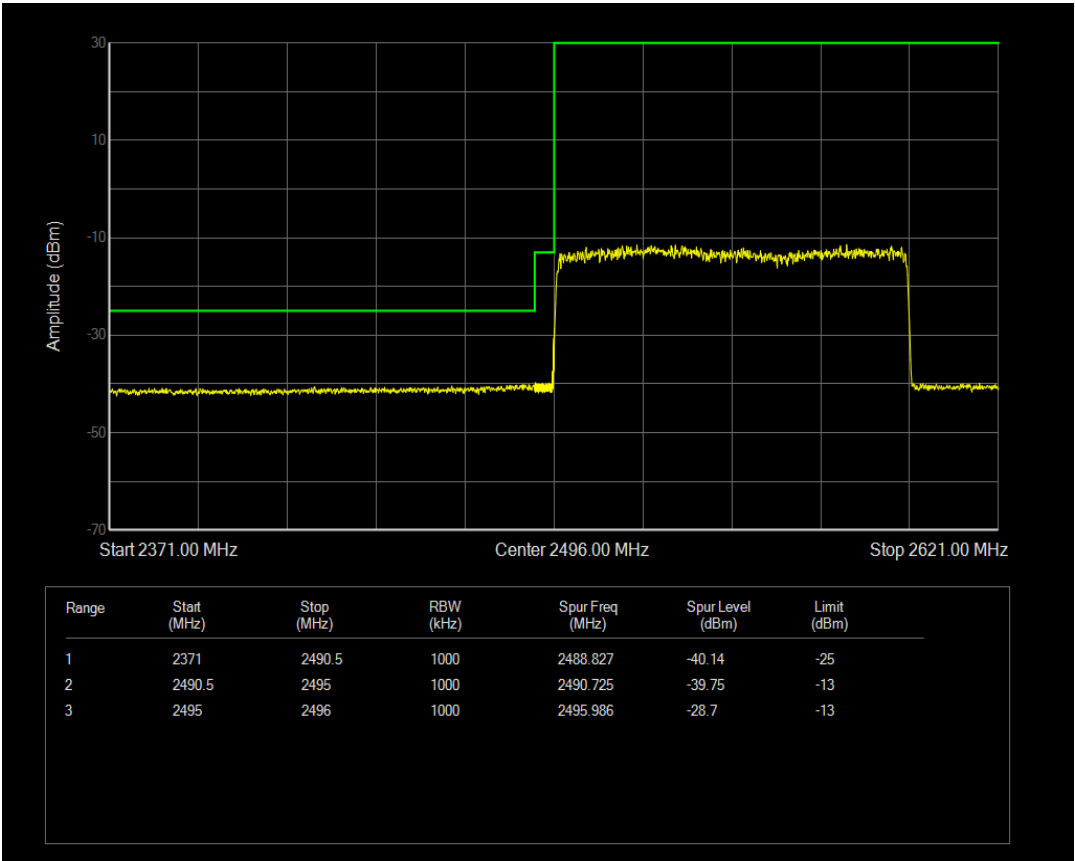
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0



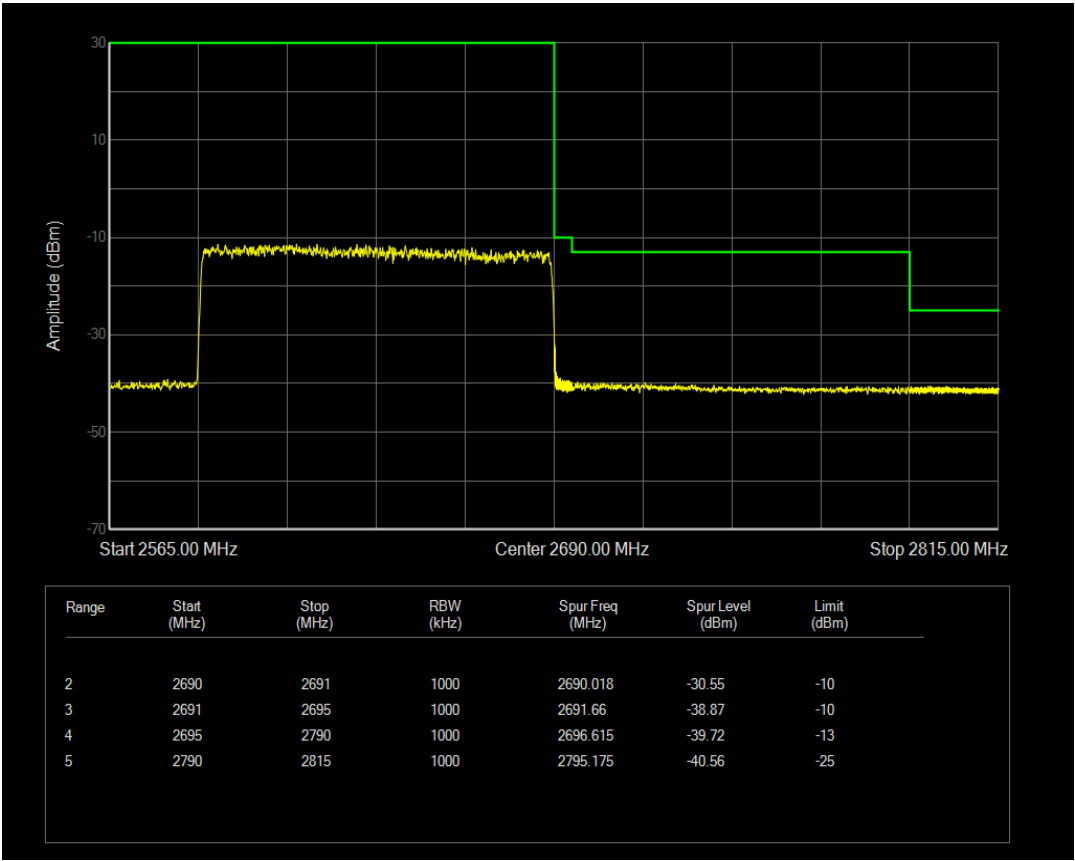
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272



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



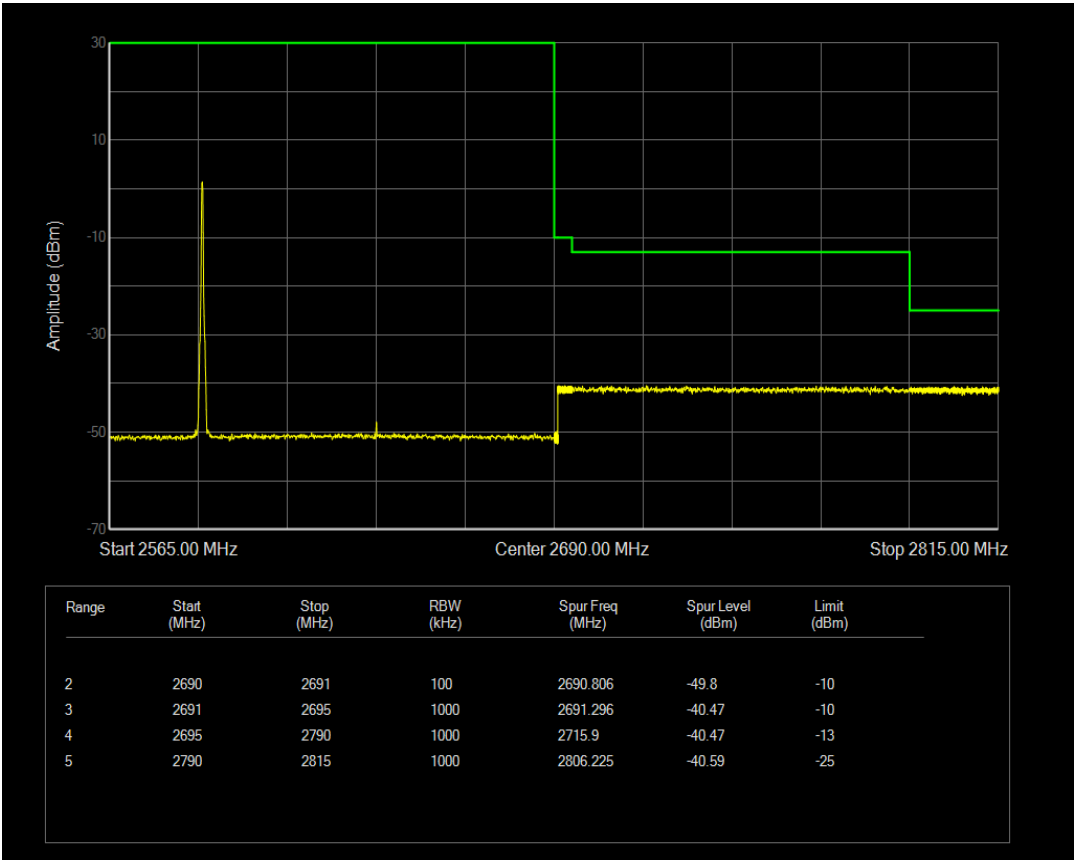
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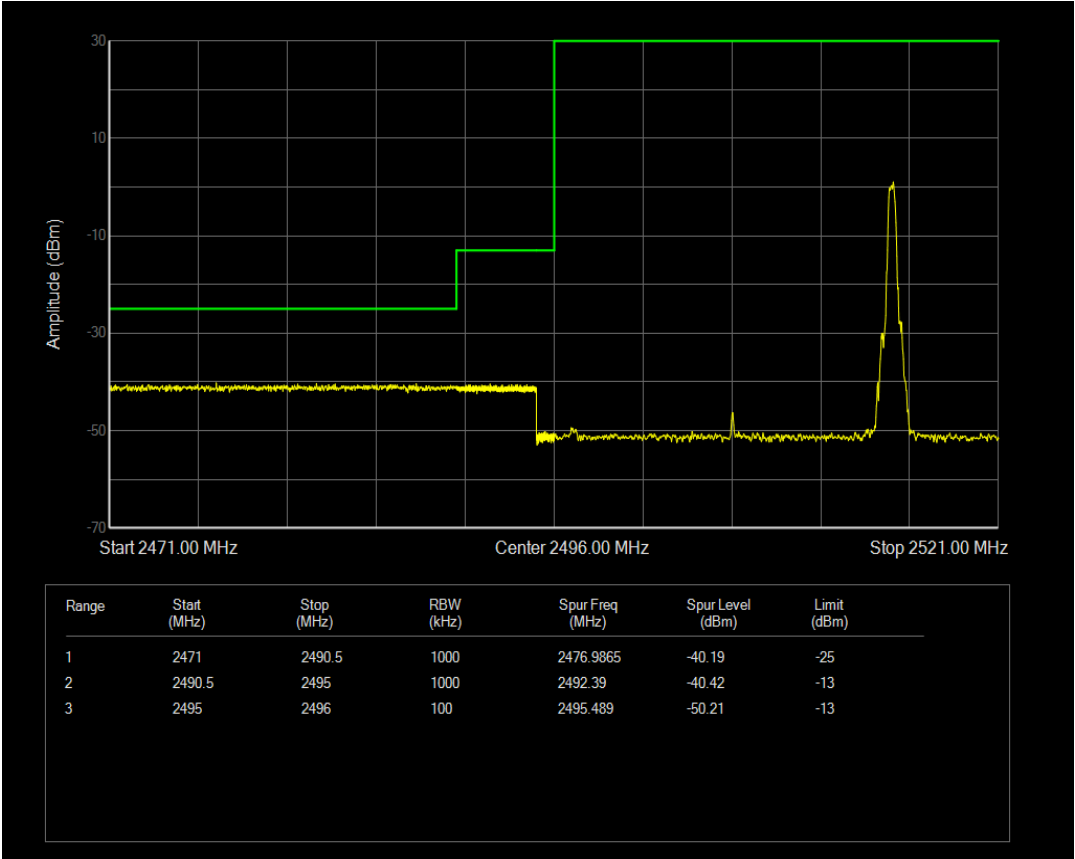
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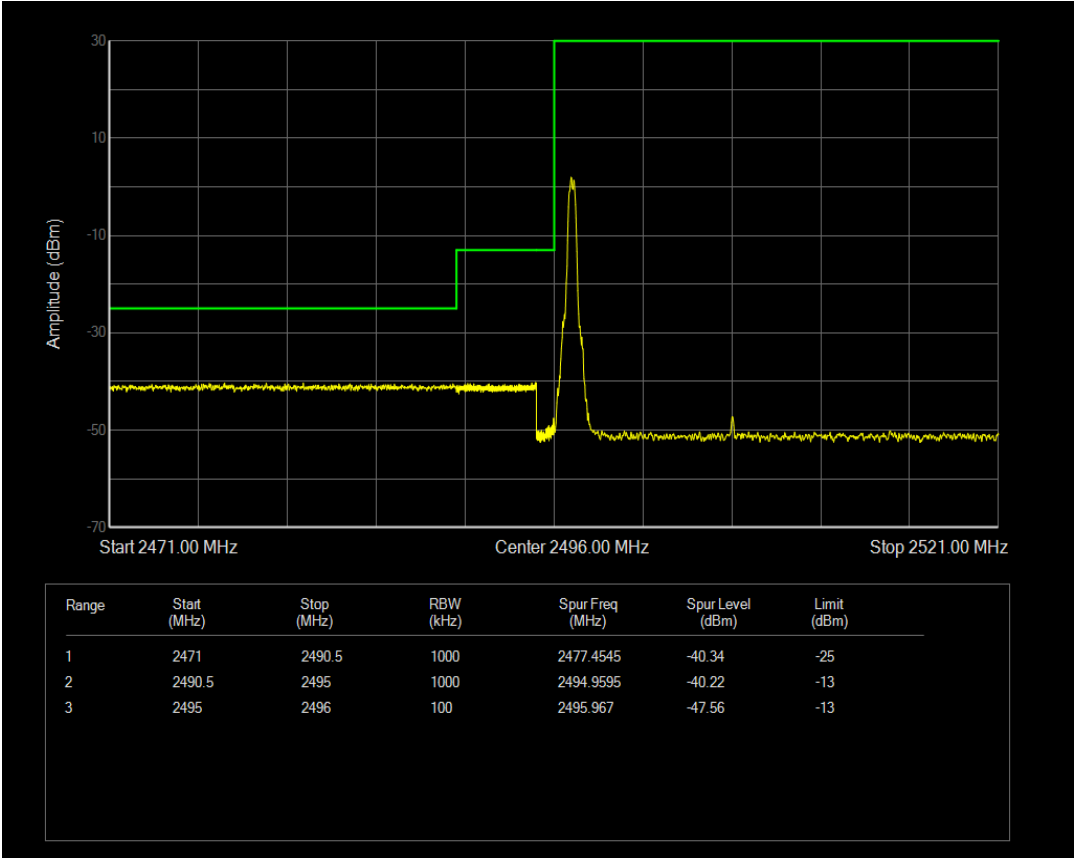
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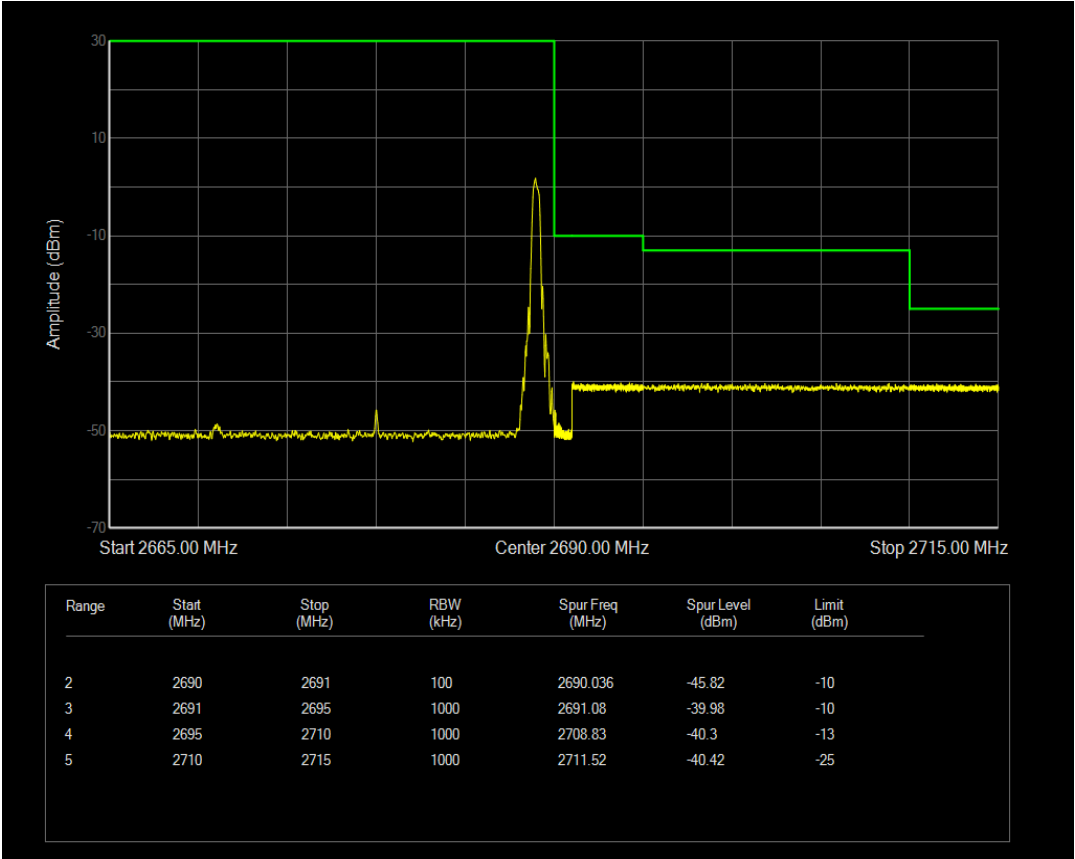
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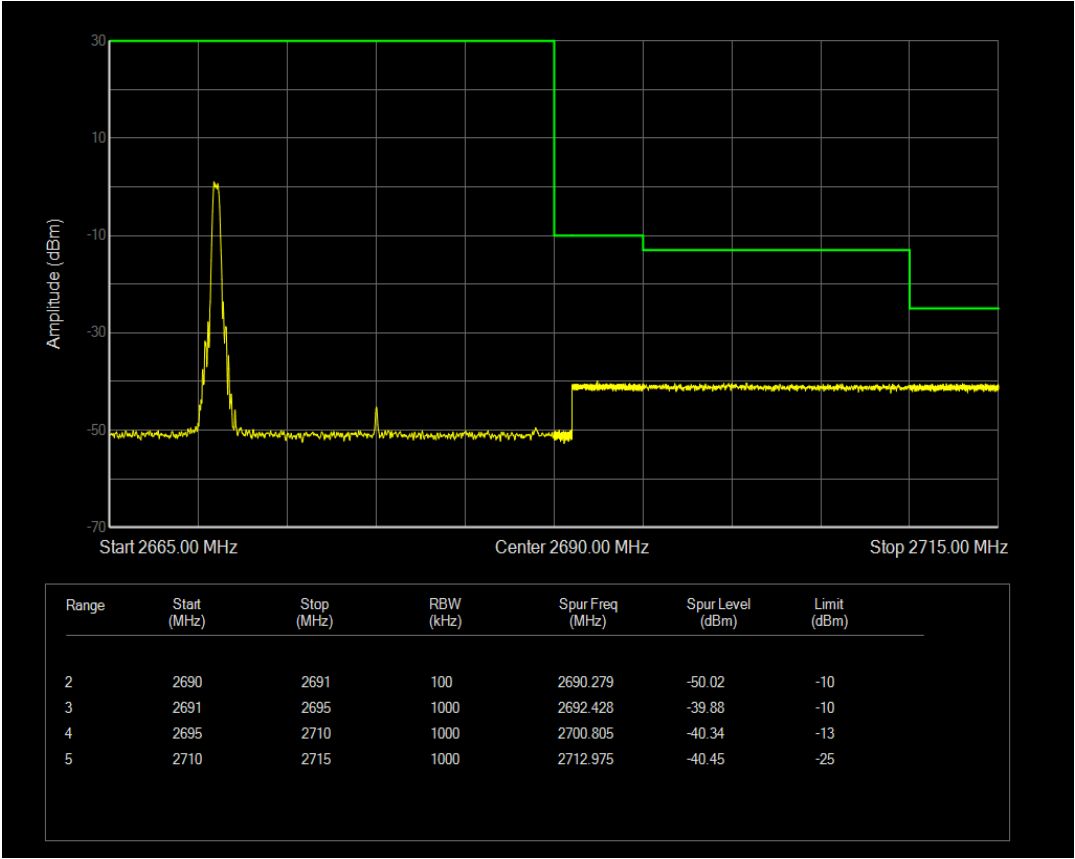
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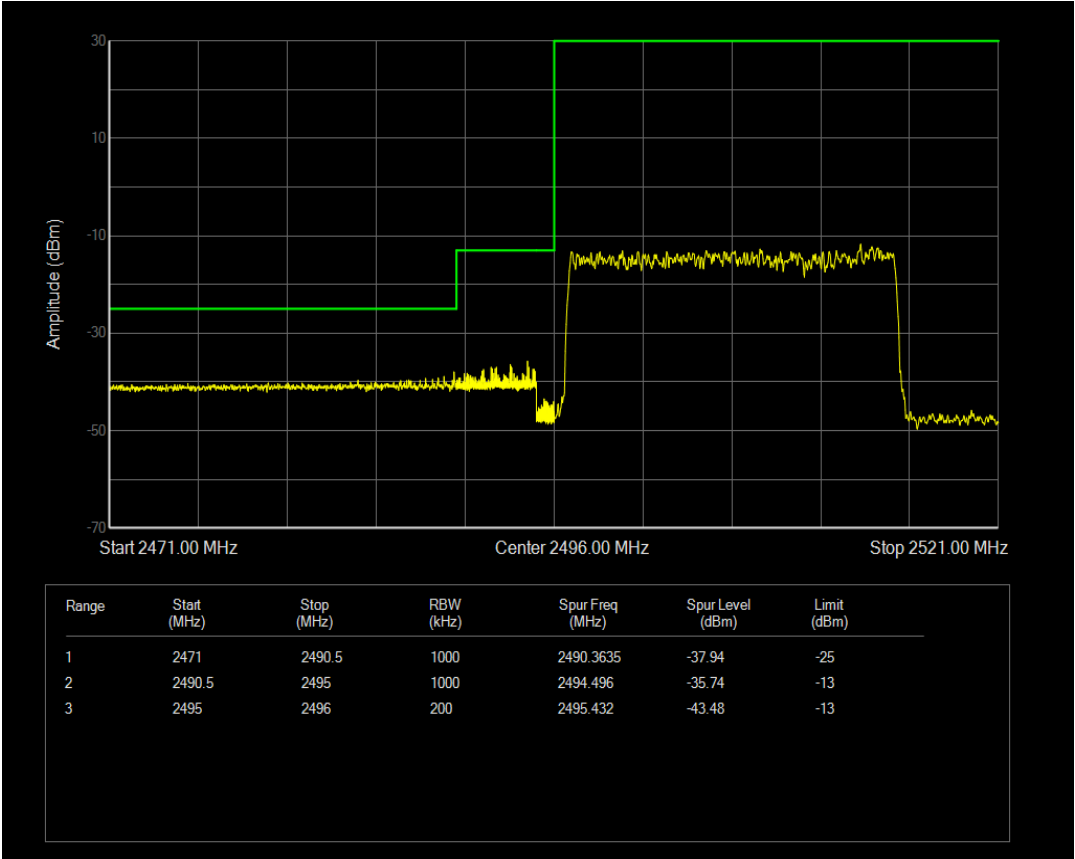
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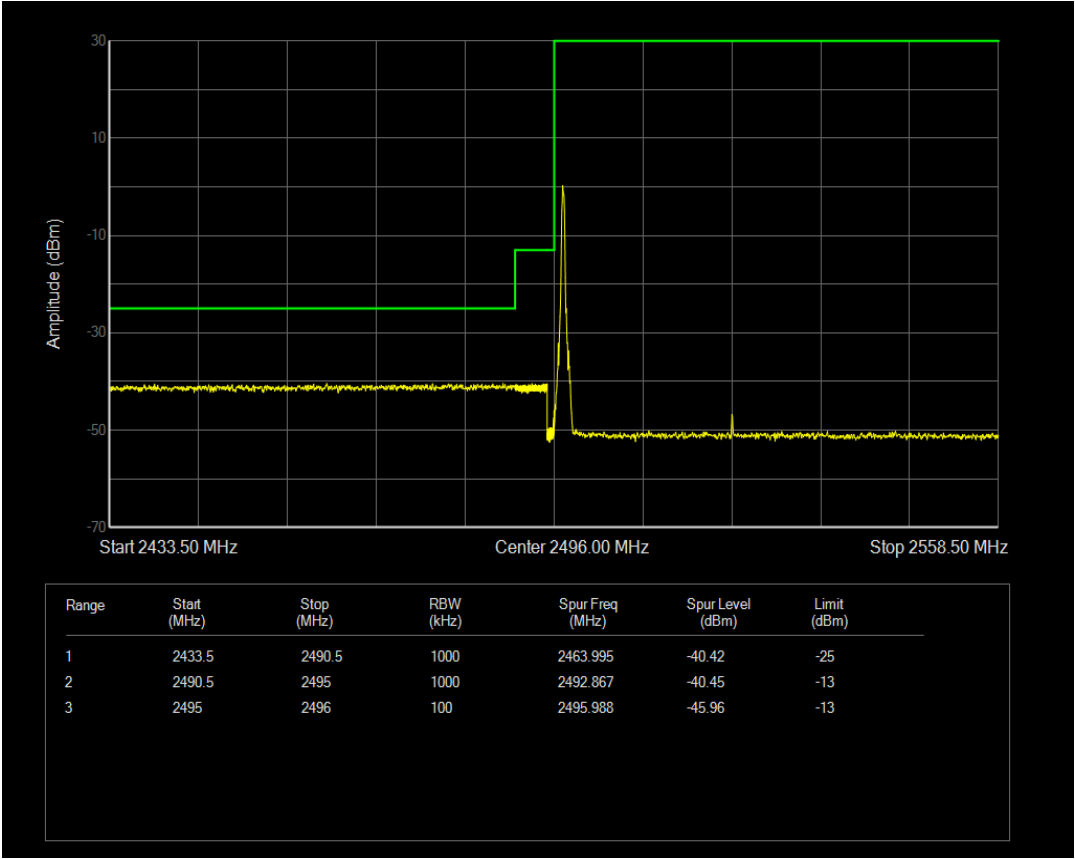
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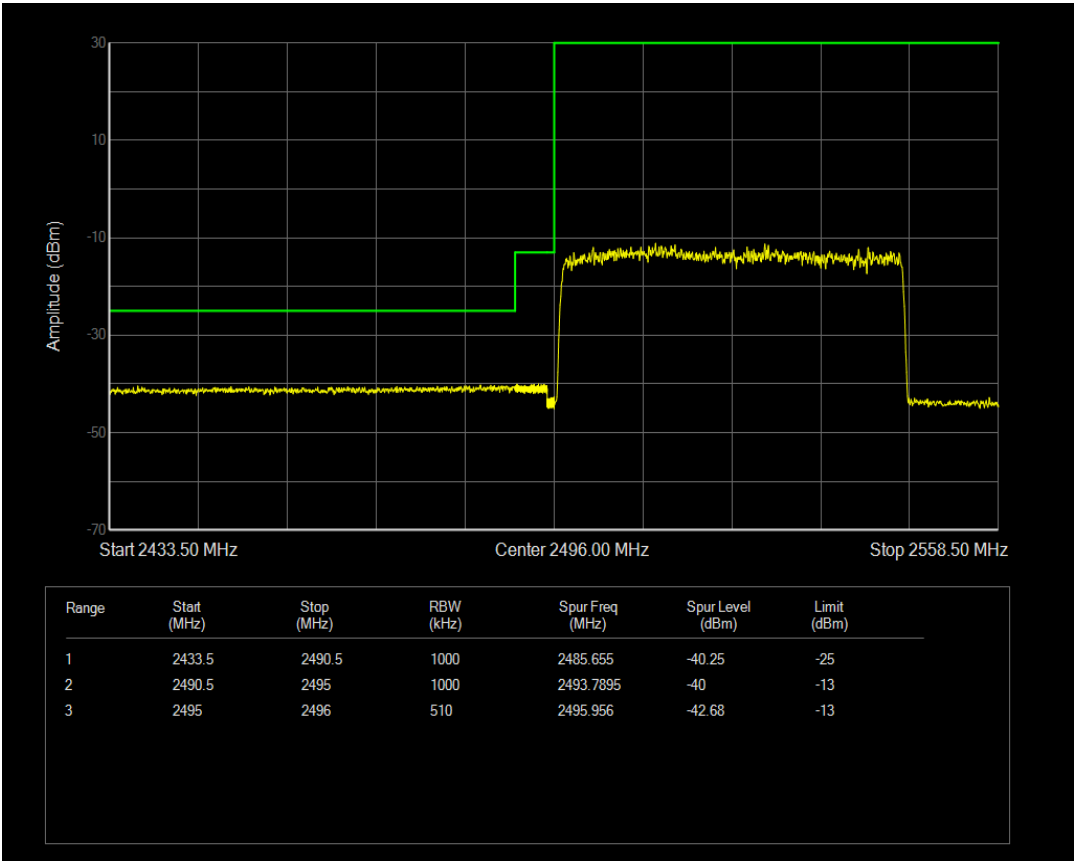
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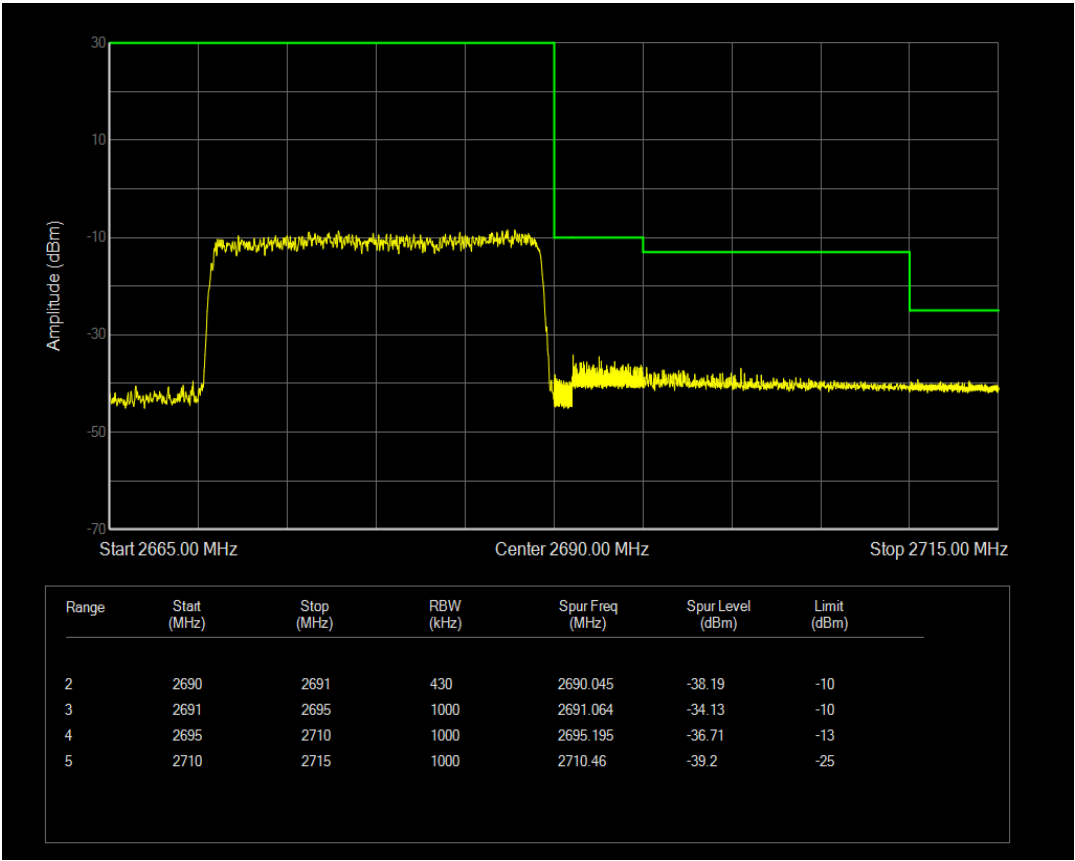
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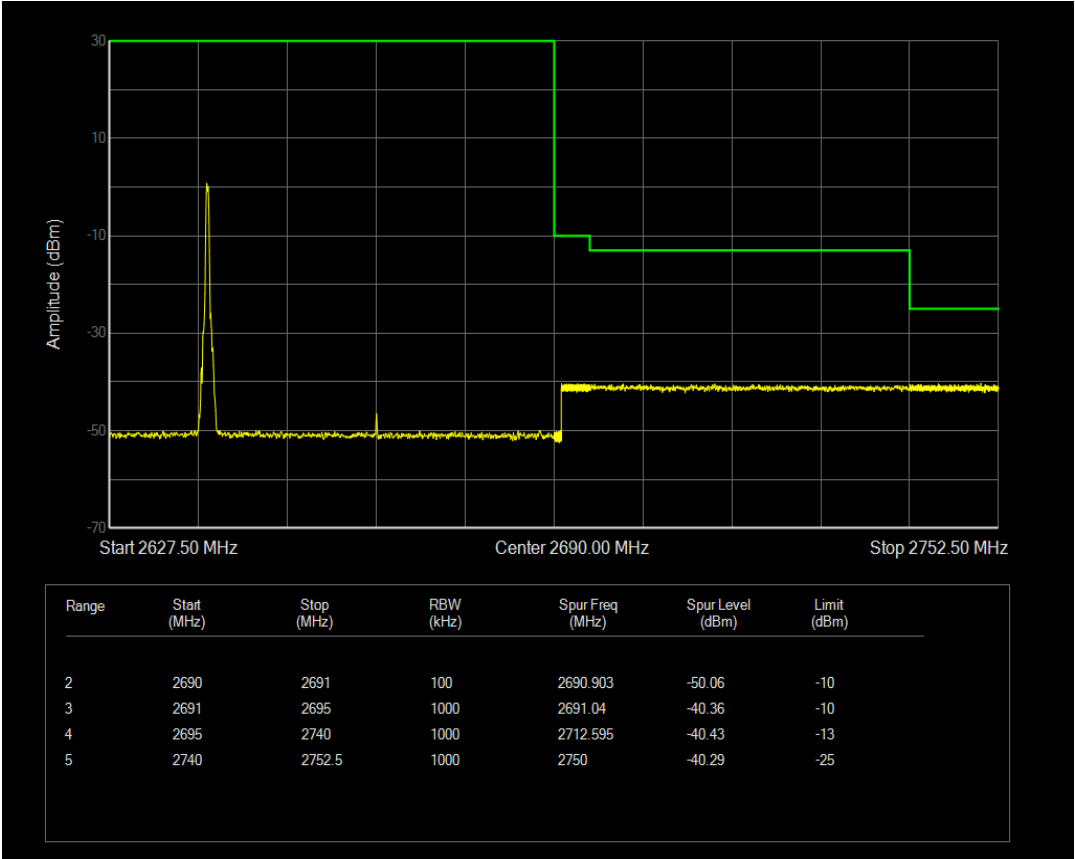
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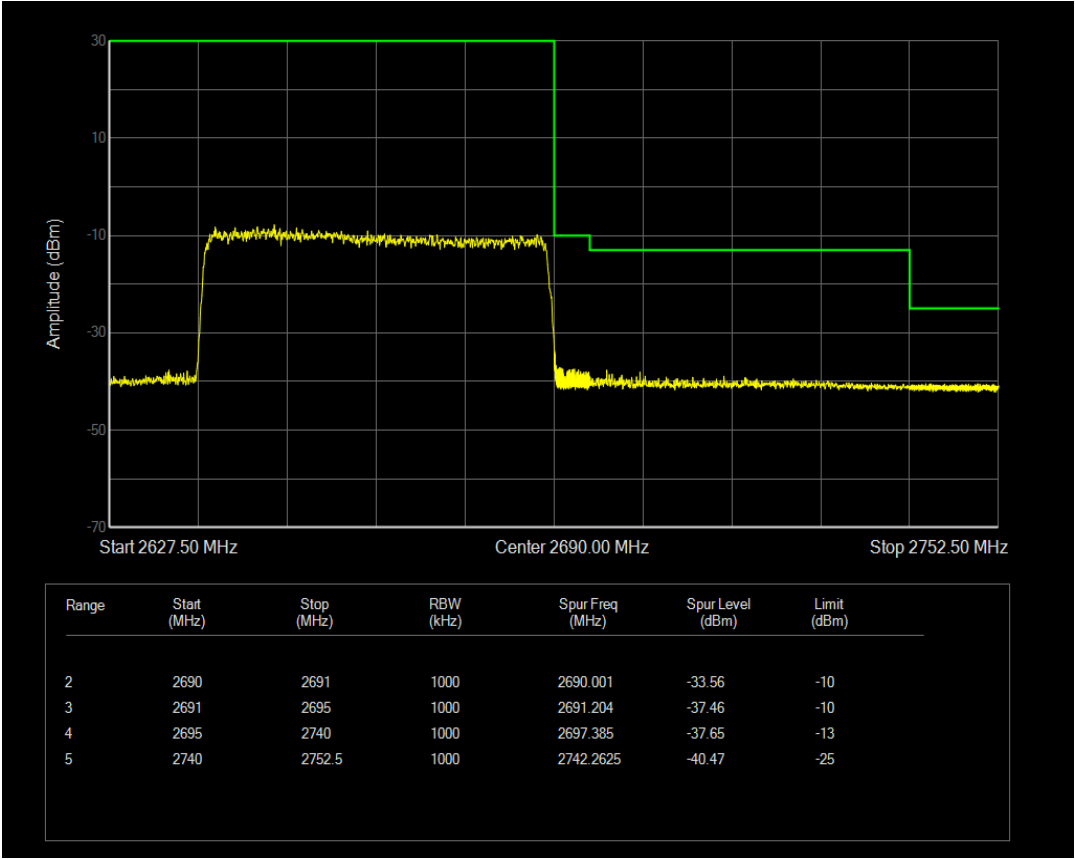
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0



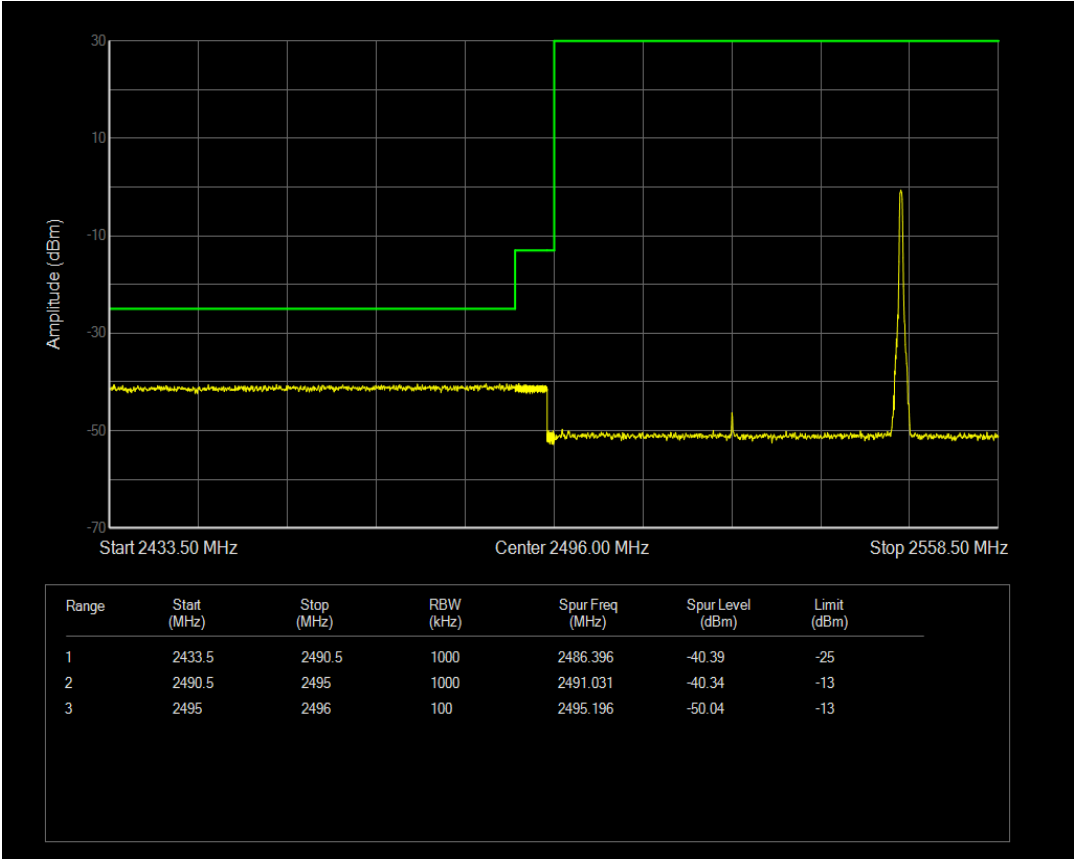
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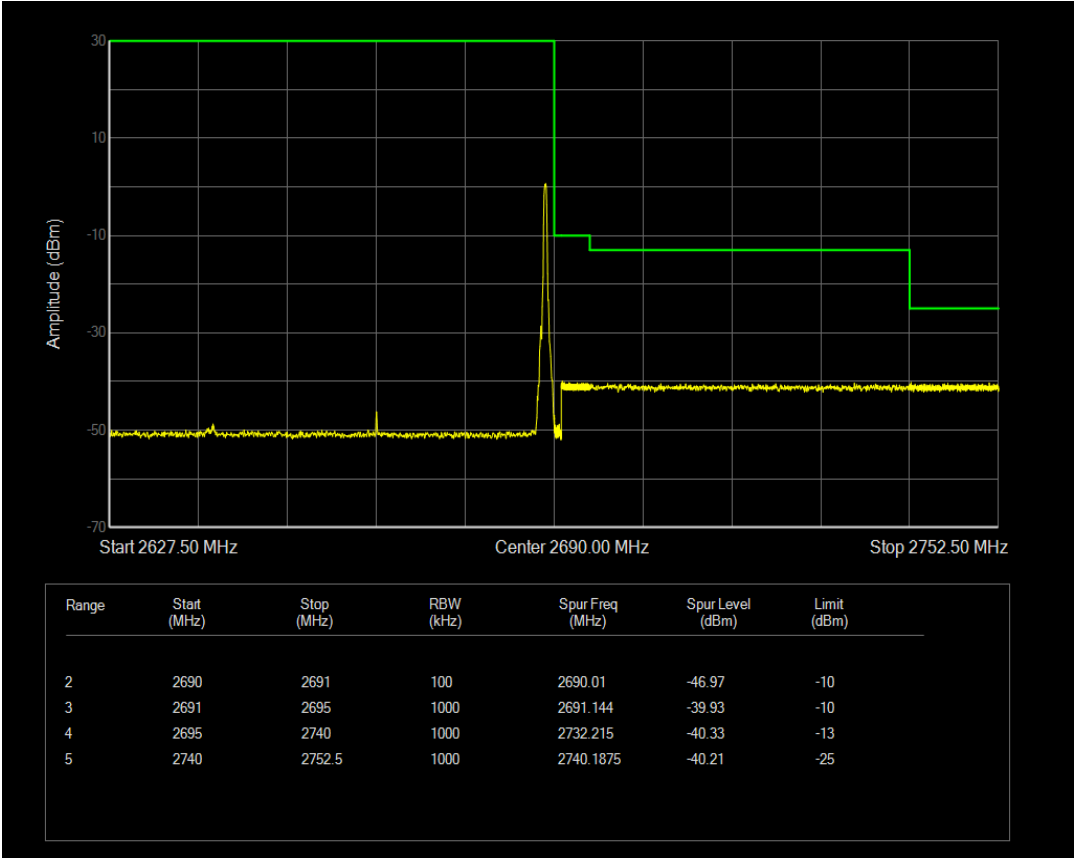
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@132



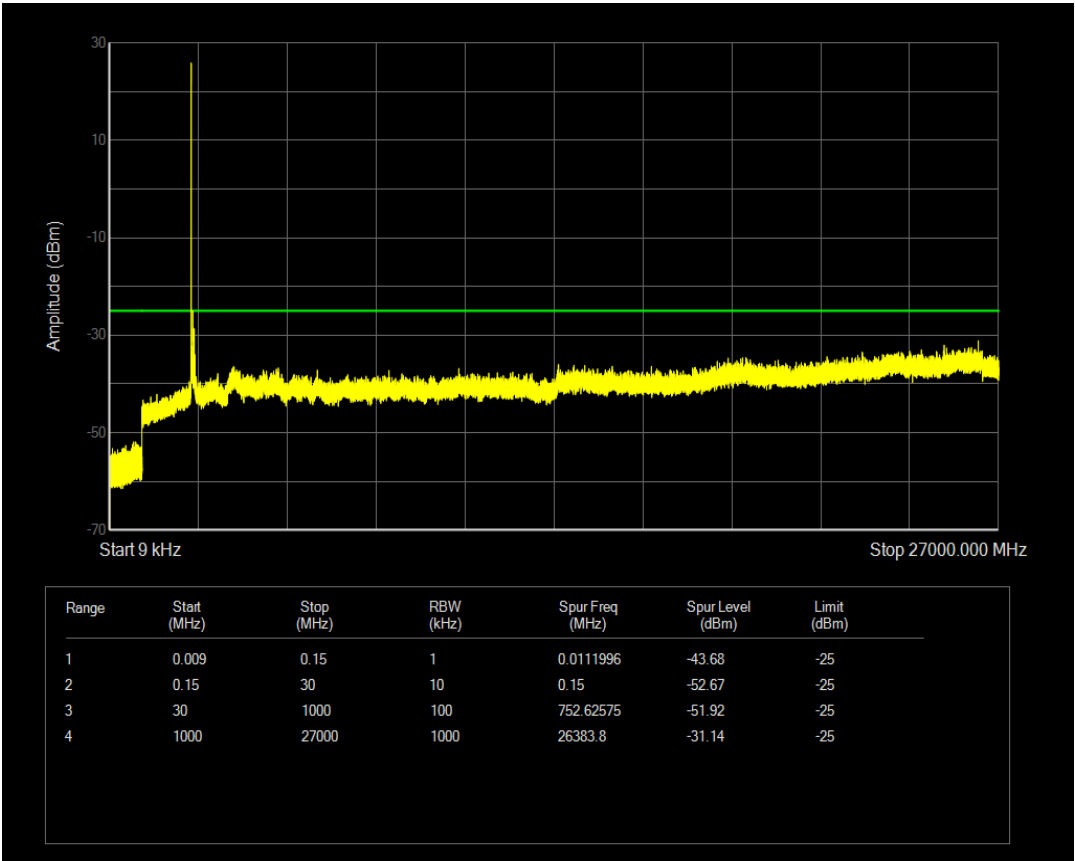
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@132



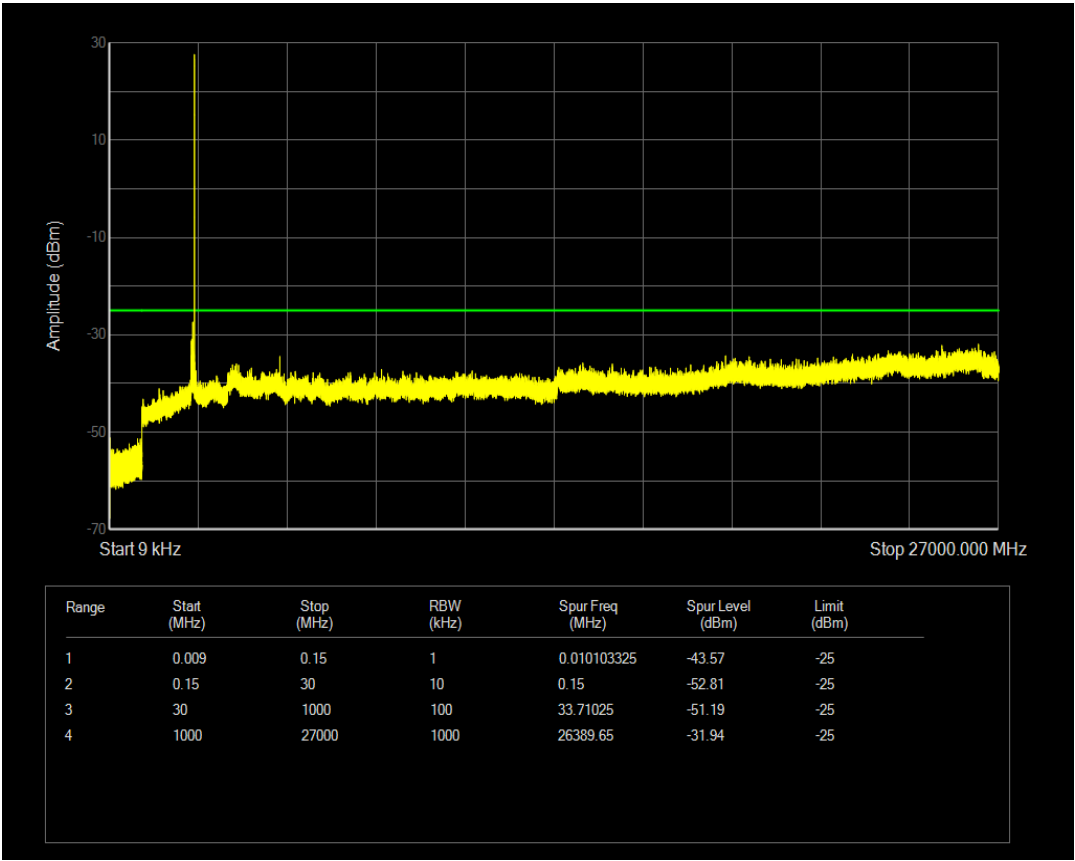
6 Out-of-band emissions for NR FR1

<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	26277.20	-32.30	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	26277.85	-32.28	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	25722.10	-32.01	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	25572.60	-32.65	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	5342.00	-30.99	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	5377.75	-26.76	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	25973.00	-32.41	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	25705.20	-31.77	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	25737.05	-32.41	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	23630.40	-31.94	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	26151.10	-31.26	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	5377.75	-29.11	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	25935.30	-31.68	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	26383.80	-31.14	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	26389.65	-31.94	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	26325.95	-31.93	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	25684.40	-31.72	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	5377.75	-30.43	-25	PASS

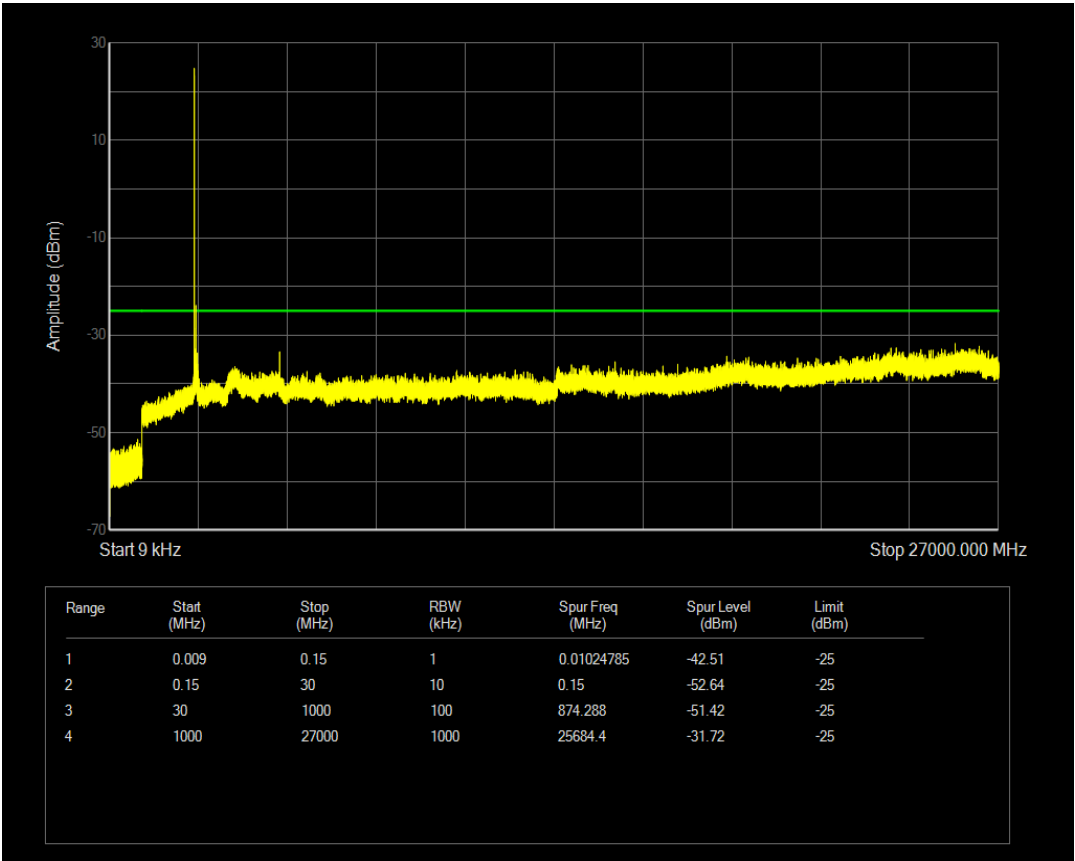
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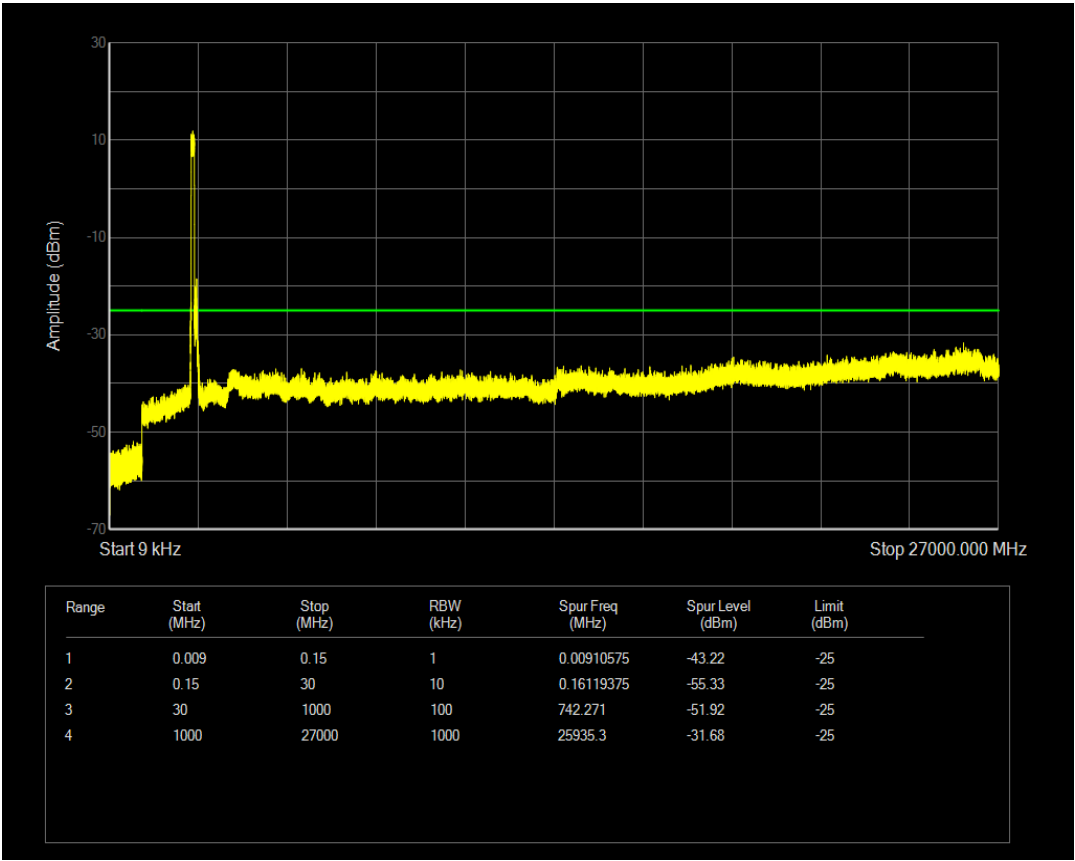
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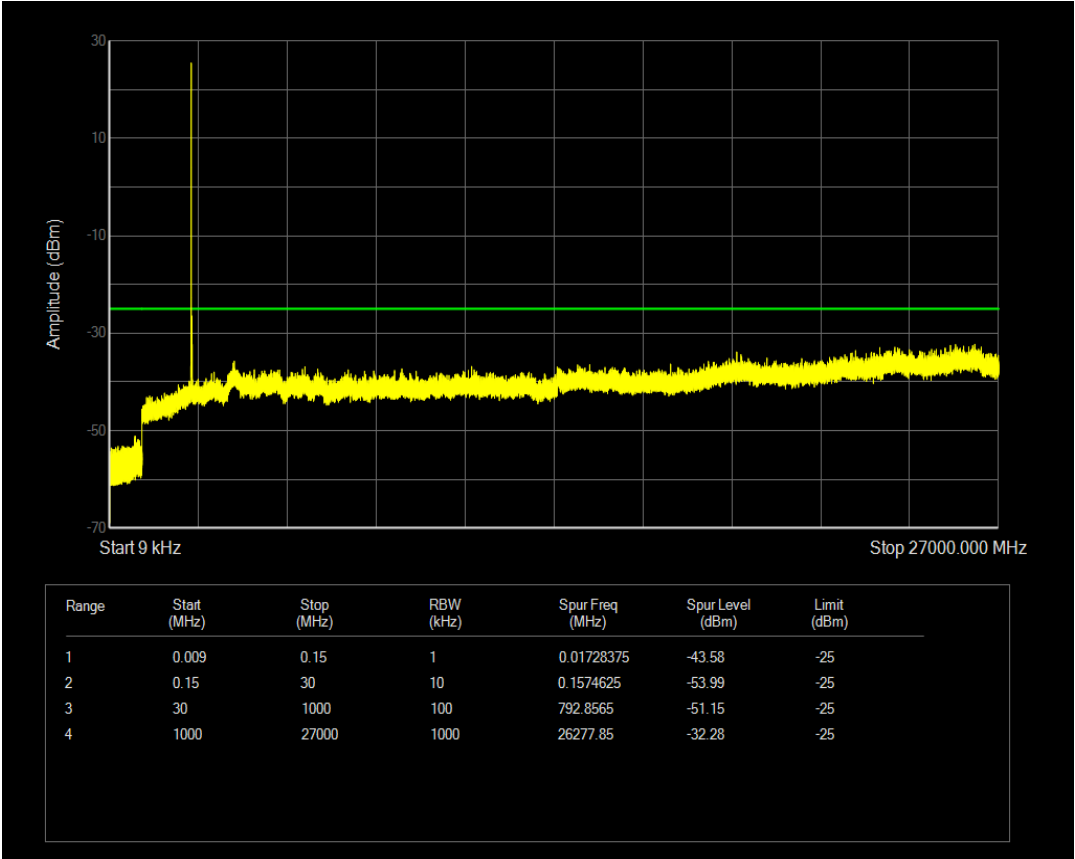
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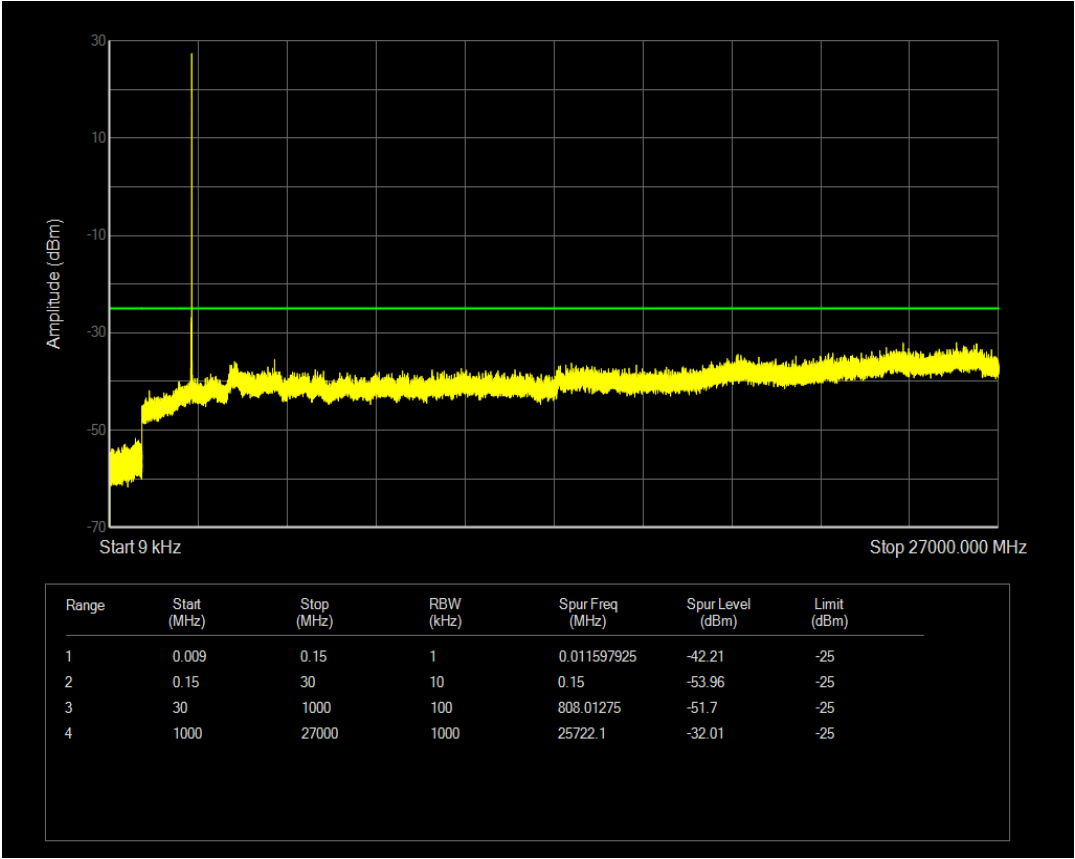
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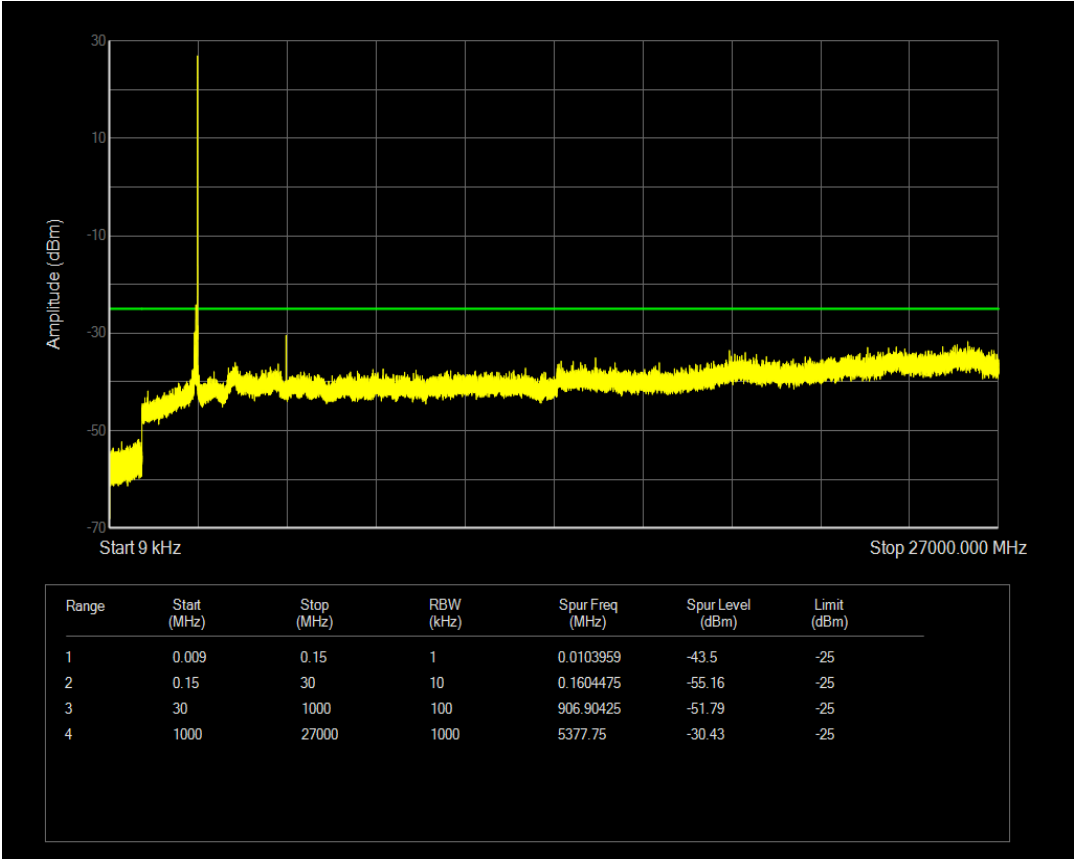
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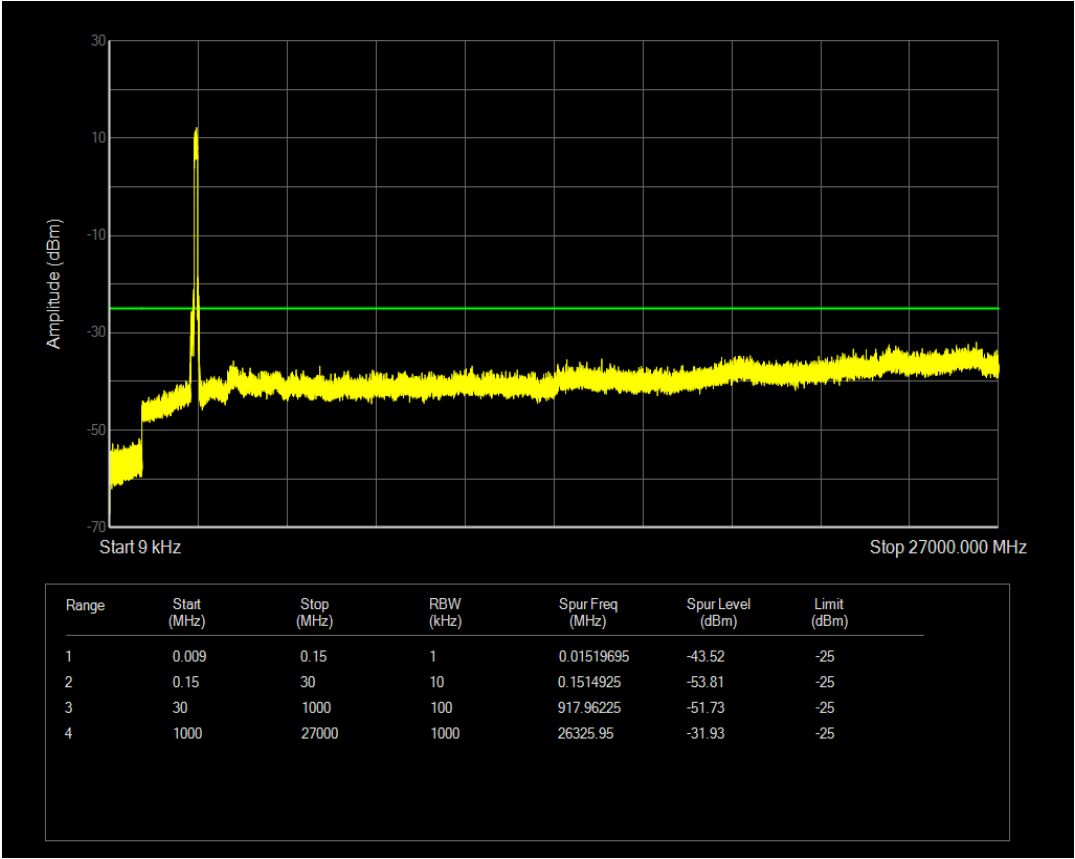
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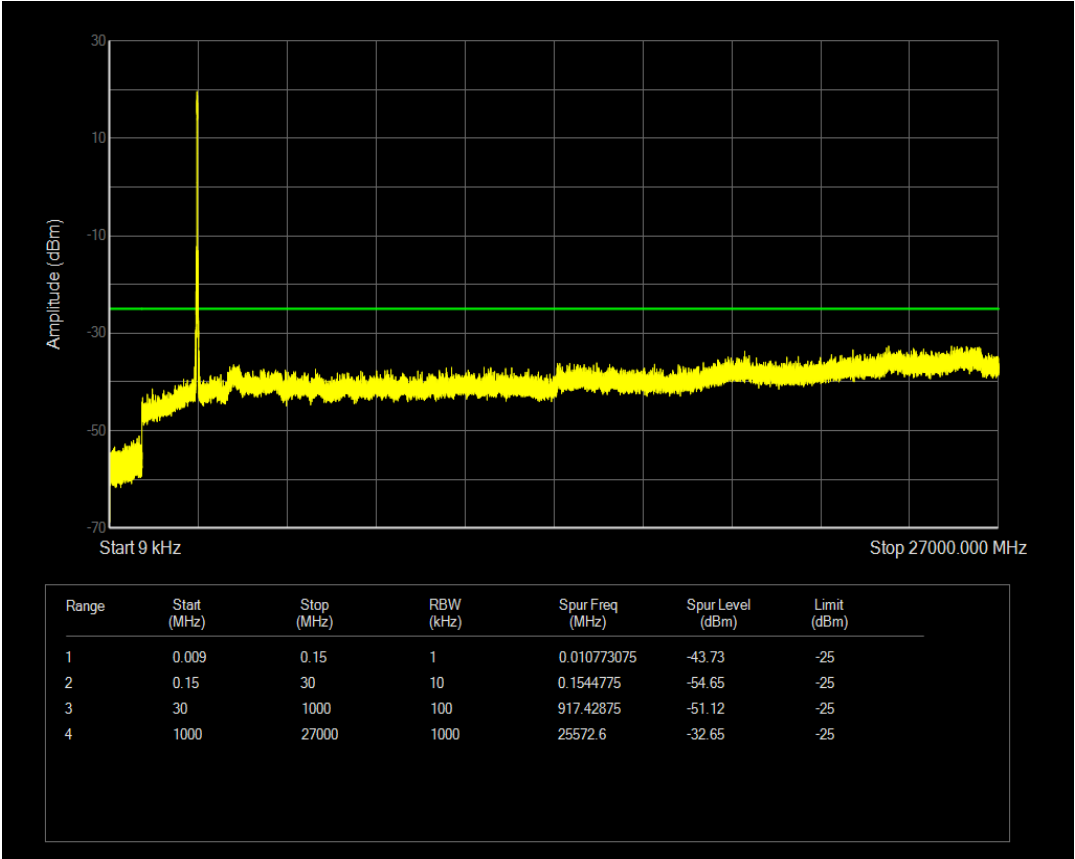
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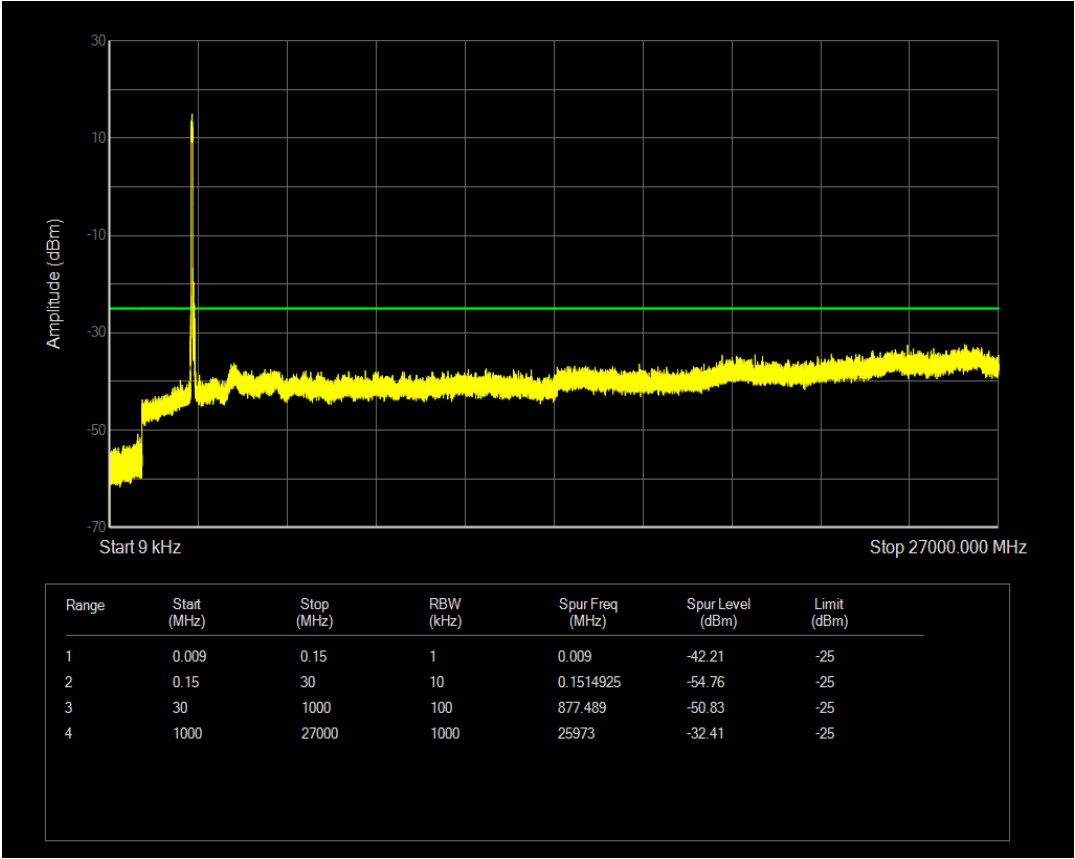
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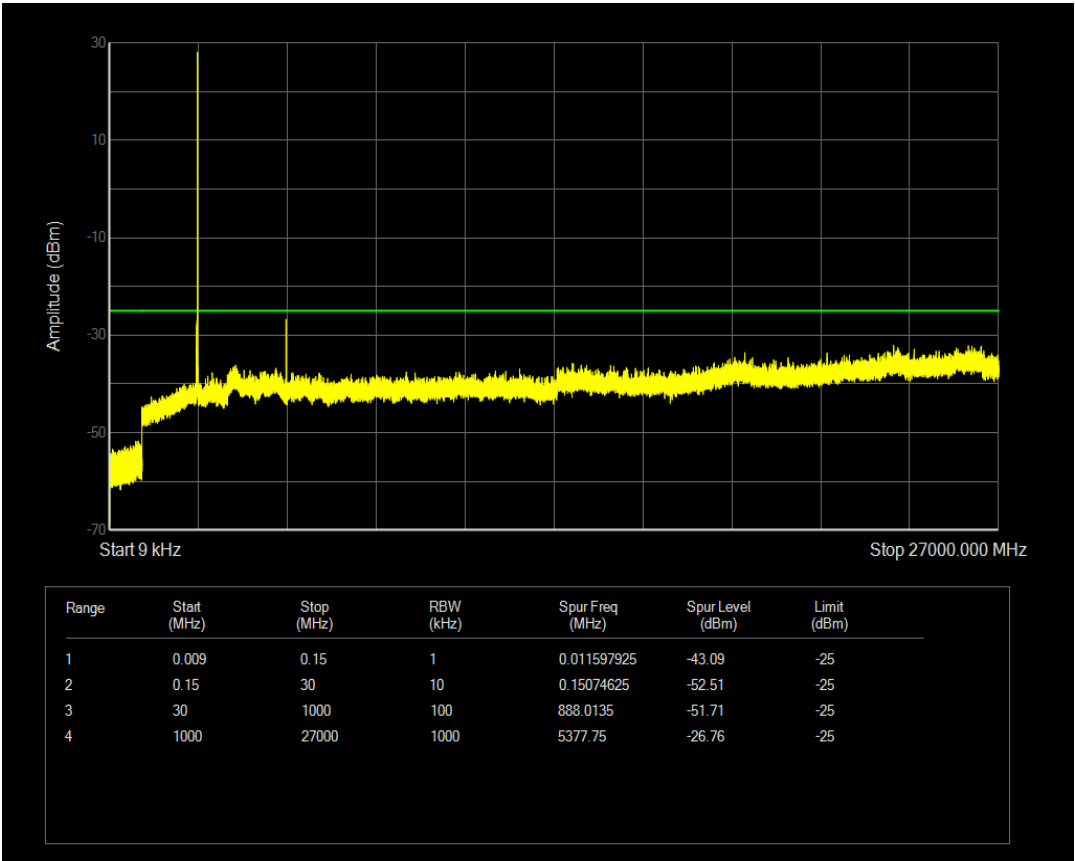
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0



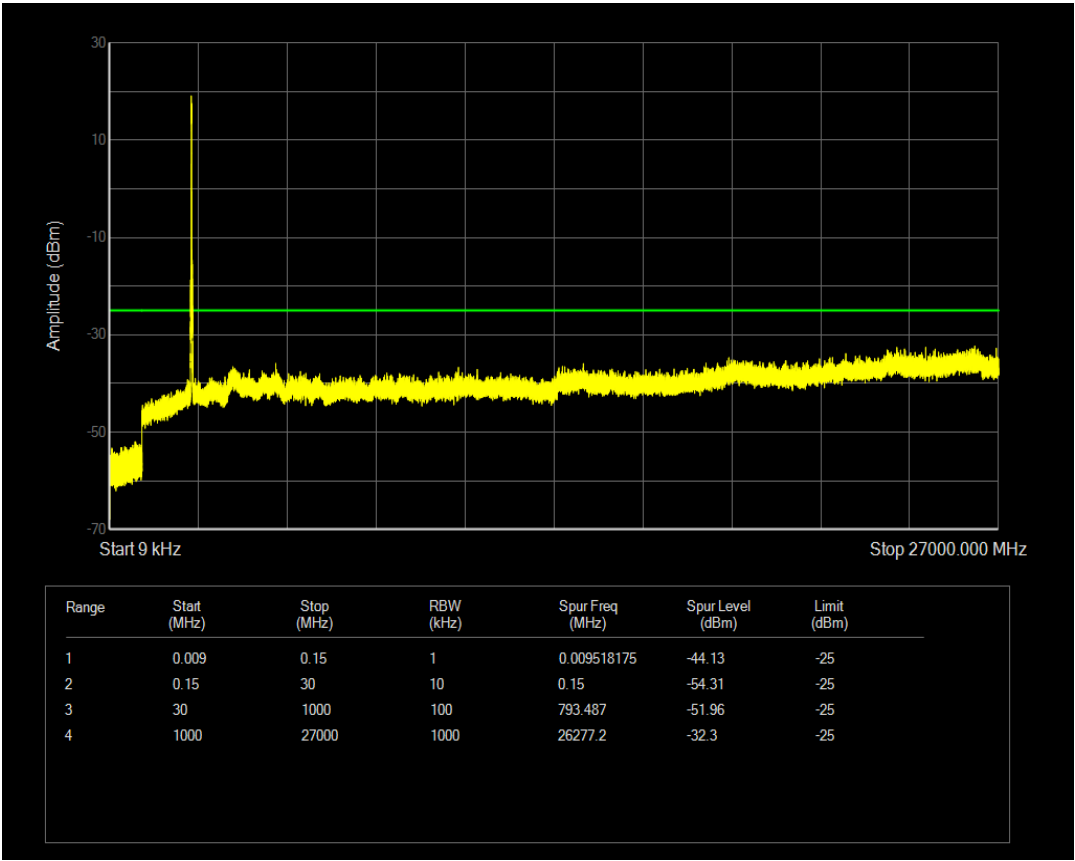
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n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50



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



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