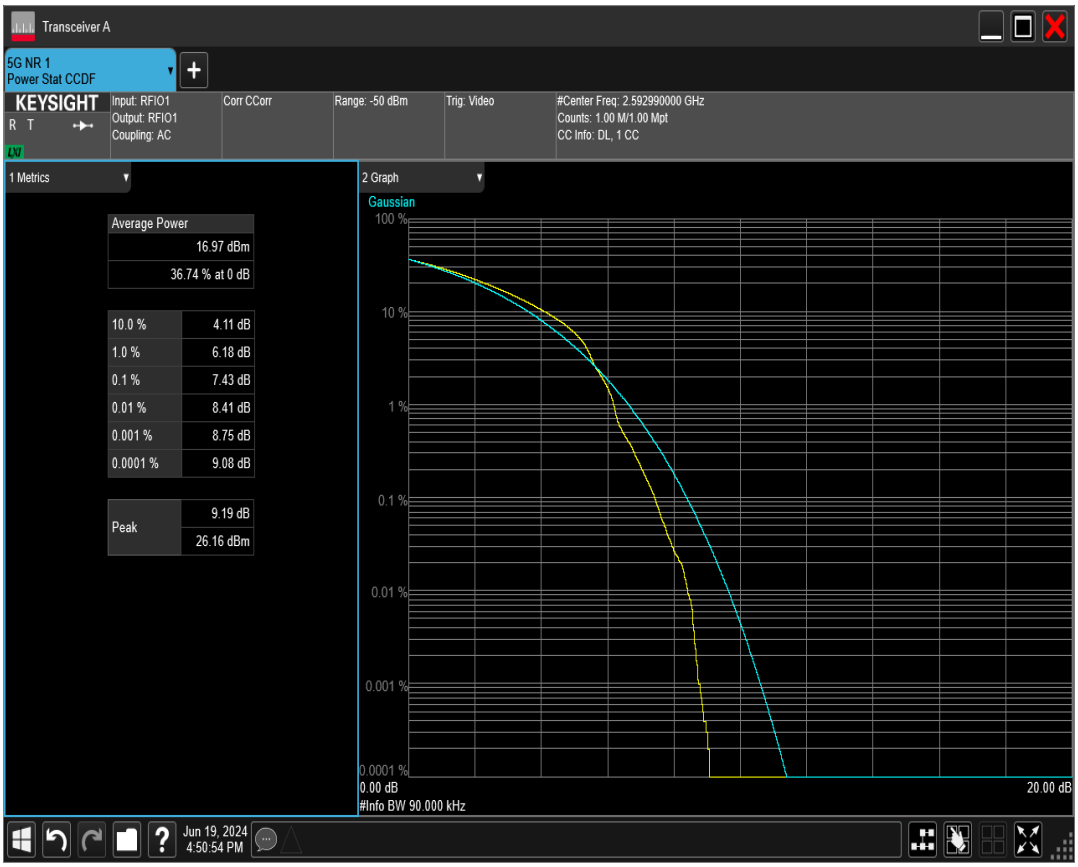
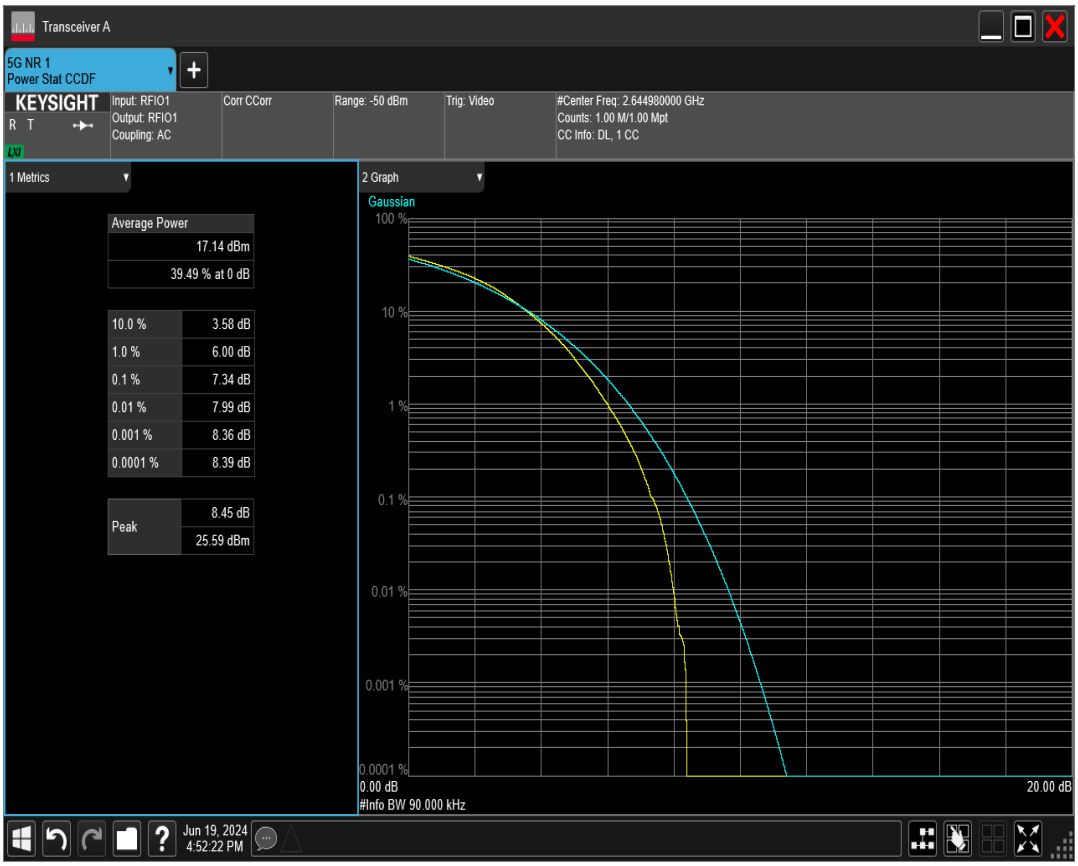


n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=528996 RB=240@0



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	18.030	18.300	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.060	18.350	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.080	18.340	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.000	18.290	PASS
n41	30	20	518598	50@0	DFT_QAM256	18.000	18.260	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.660	36.500	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.450	36.270	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.520	36.380	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.460	36.250	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.390	36.350	PASS
n41	30	50	518598	128@0	DFT_BPSK	47.010	46.370	PASS
n41	30	50	518598	128@0	DFT_QPSK	47.030	46.380	PASS
n41	30	50	518598	128@0	DFT_QAM16	47.020	46.440	PASS
n41	30	50	518598	128@0	DFT_QAM64	47.100	46.480	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.020	46.420	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.690	58.640	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.700	58.590	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.780	58.630	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.720	58.570	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.840	58.590	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.140	78.080	PASS
n41	30	80	518598	216@0	DFT_QPSK	77.120	78.030	PASS
n41	30	80	518598	216@0	DFT_QAM16	77.060	78.100	PASS
n41	30	80	518598	216@0	DFT_QAM64	77.130	78.050	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.040	78.160	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.580	86.670	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.690	86.760	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.670	86.770	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.770	86.780	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.440	86.860	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.290	97.550	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.300	97.530	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.580	97.530	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.670	97.490	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.310	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=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

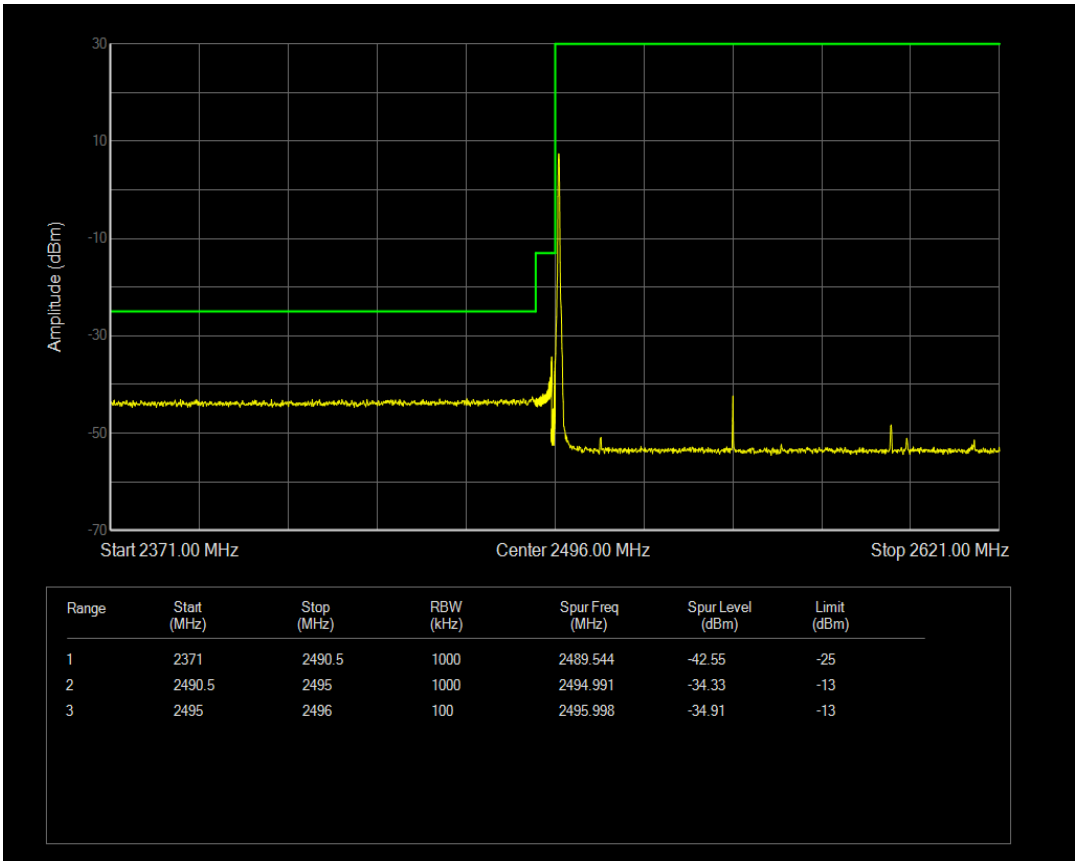
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0

KEYSIGHT Keysight RF Application (2.0.50.10261)
NR1
CONNECTED
Band
N41
DL BW
90 MHz
Low
Mid
High
ARFCN/Freq
D: 518598
2592.99 MHz
U: 518598
2592.99 MHz
Cell Power
-44.48 dBm/BW
CLPC
All Up Bits
Test Case
Selected Case
SA
NR1
NR2
Cell Quick Config
Measurement
BLER/Tput
UE Info.
Msg. Summary
NR UE Power: 22 dBm DL BLER: 0 %
Duplex: TDD
Port: RFIO1
Freq: 2592.99 MHz
EIP: 23 dBm
Measuring
Acquiring
Avg: 2/2
Occupied Bandwidth
Amplitude (dBm)
-6.83
-13.66
-20.49
-27.32
-34.15
-40.98
-47.81
-54.64
-61.47
-68.30
2.520
2.538
2.556
2.574
2.592
2.610
2.628
2.646
2.664
2.682
Frequency (GHz)
Pass/Fail Pass
OBW 86.692 MHz
Tx Freq Err 0.00 Hz
X dB BW 86.76 MHz
Total Power 21.61 dBm
Meas Cell NR1
Meas Mode Basic
Meas Select
UL Chnl Type PUSCH
Average Count 2
Continuous Off
Restart
NR1
Common
Cell Power (EPRE) -79.16 dBm/SCS
Cell
SCS 30 kHz
UL BW 90 MHz
DL MIMO 1x1
DL Antenna 1x1
UL MIMO 1x1
Tx/Rx Res. DL & UL
P-Max OFF
p-NR-FR1 OFF
p-UE-FR1 OFF
Addi. P-Max OFF
EIP Auto
Addi. SEM NS_01
DL Scheduler
UL Scheduler
Blind Handover
Channel
PRACH
Test Case Params
‹ Advanced
Connect
Disconnect
Aggregate
Load Configuration
Save Configuration
Preset
Local
Ready
BSE:CONNect
Copy
2024-06-18 13:27:24

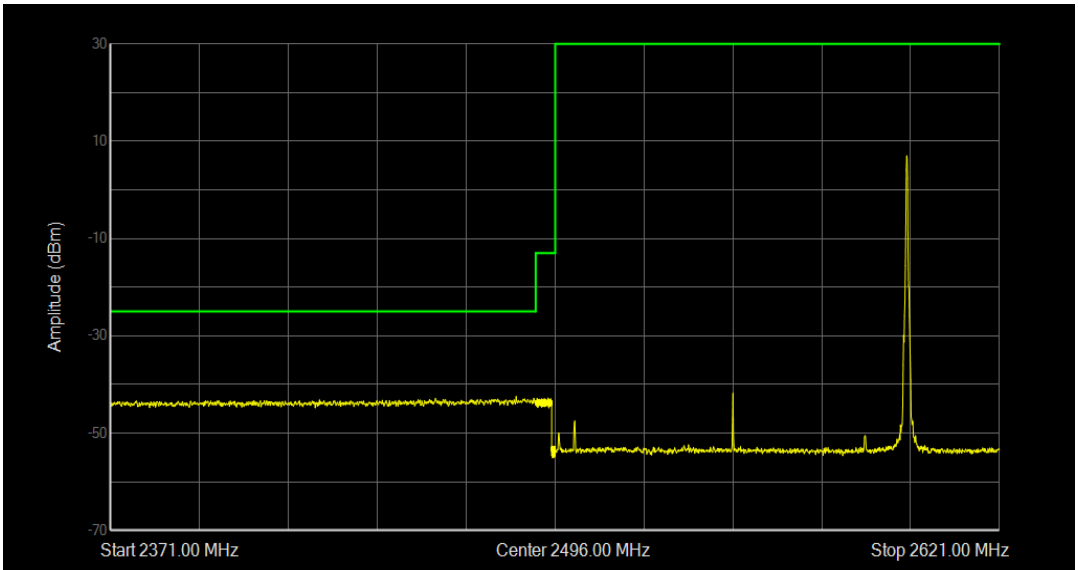
5 Band edge for NR FR1

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	2490.27	-33.32	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2478.00	-42.89	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2485.78	-42.44	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2710.30	-40.29	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2714.15	-42.90	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2714.78	-42.90	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2490.04	-38.01	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2484.86	-42.85	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2485.54	-42.68	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2690.02	-26.95	-10	PASS
n41	30	50	532998	1@0	CP_QPSK	2744.38	-42.93	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2745.33	-42.91	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2495.99	-22.79	-13	PASS
n41	30	100	509202	1@0	CP_QPSK	2489.54	-42.55	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2485.00	-42.46	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2690.01	-26.05	-10	PASS
n41	30	100	528000	1@0	CP_QPSK	2791.50	-43.05	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2807.80	-43.27	-25	PASS

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

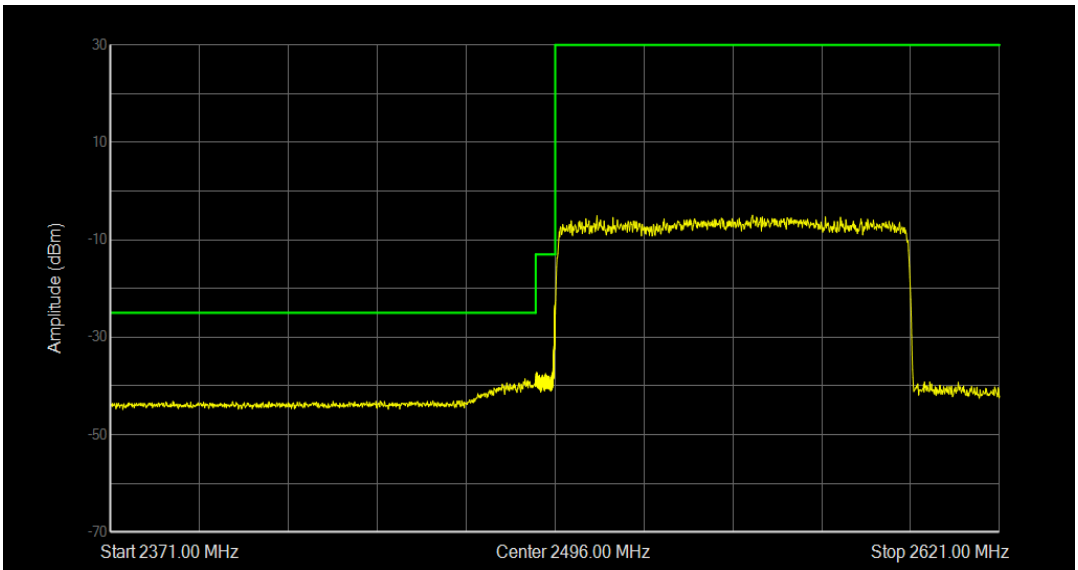


n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272



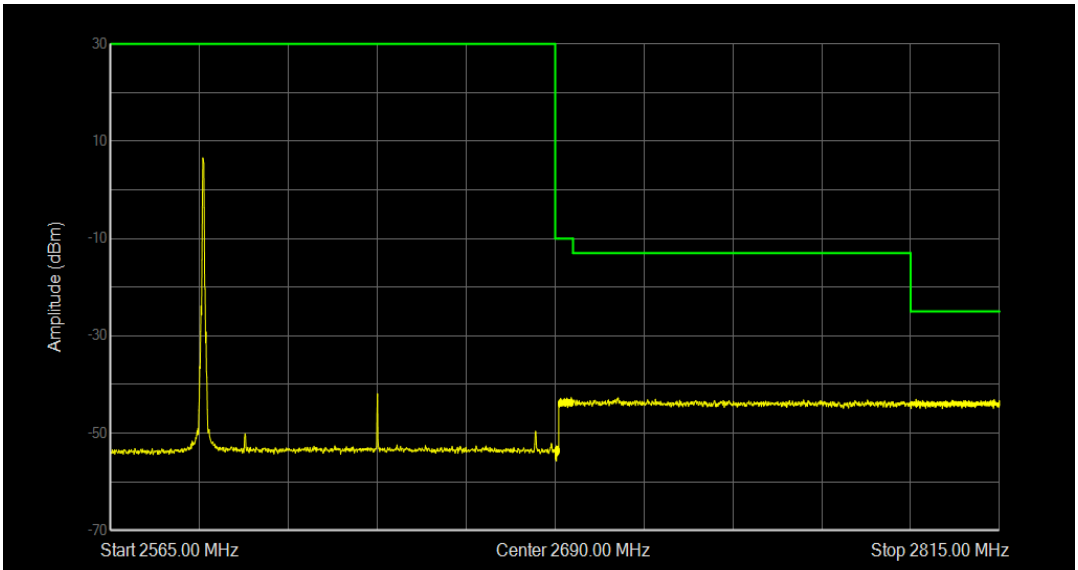
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2371	2490.5	1000	2485.003	-42.46	-25
2	2490.5	2495	1000	2494.001	-42.78	-13
3	2495	2496	100	2495.933	-52.67	-13

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



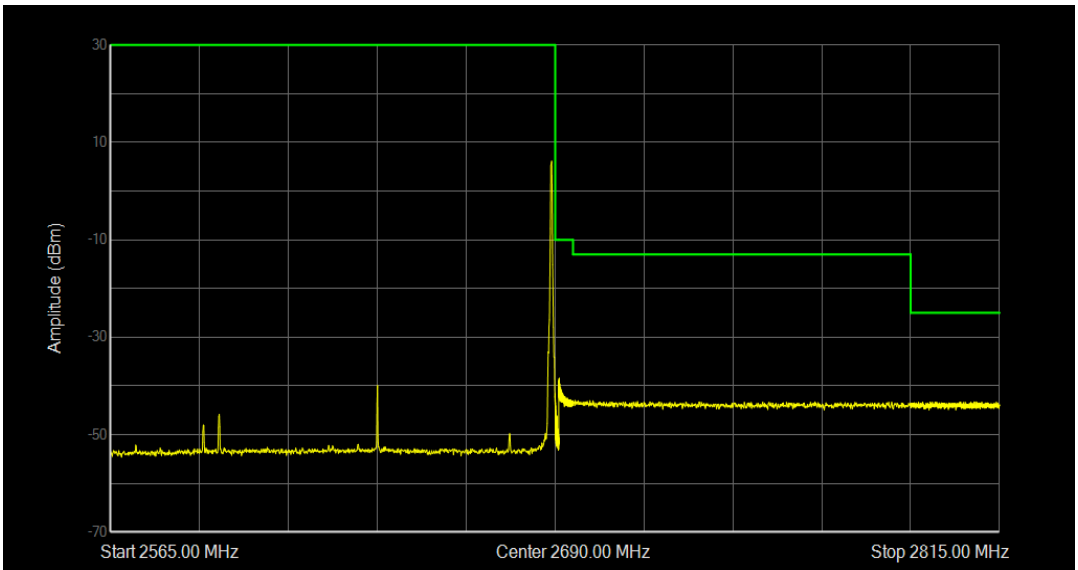
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2371	2490.5	1000	2487.5125	-38.55	-25
2	2490.5	2495	1000	2490.779	-37.24	-13
3	2495	2496	1000	2495.994	-22.79	-13

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



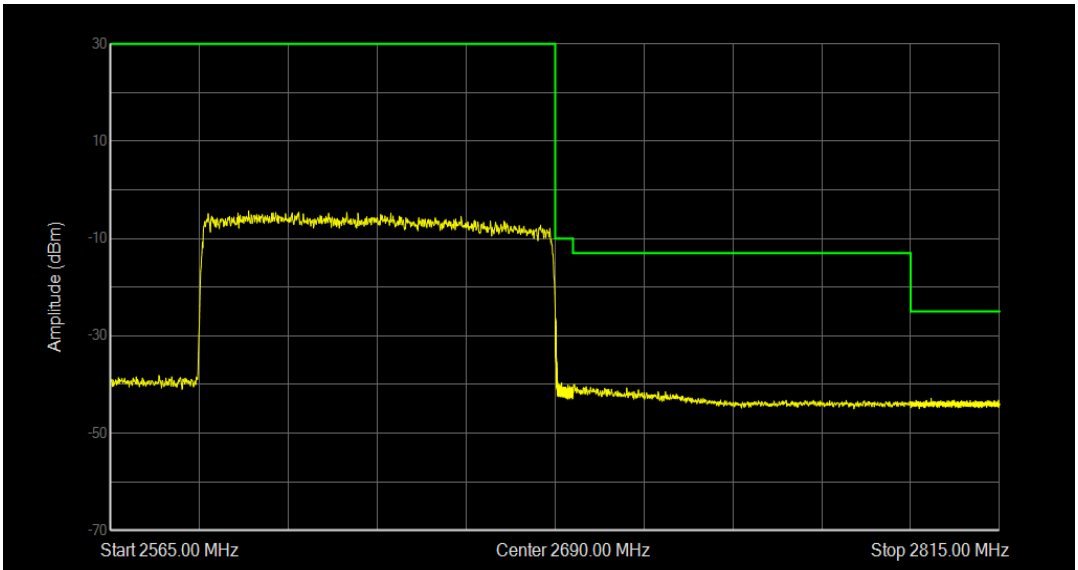
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	100	2690.286	-52.64	-10
3	2691	2695	1000	2694.508	-42.7	-10
4	2695	2790	1000	2707.73	-42.75	-13
5	2790	2815	1000	2791.5	-43.05	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	100	2690.001	-41.65	-10
3	2691	2695	1000	2691.128	-38.4	-10
4	2695	2790	1000	2695.57	-42.97	-13
5	2790	2815	1000	2807.8	-43.27	-25

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

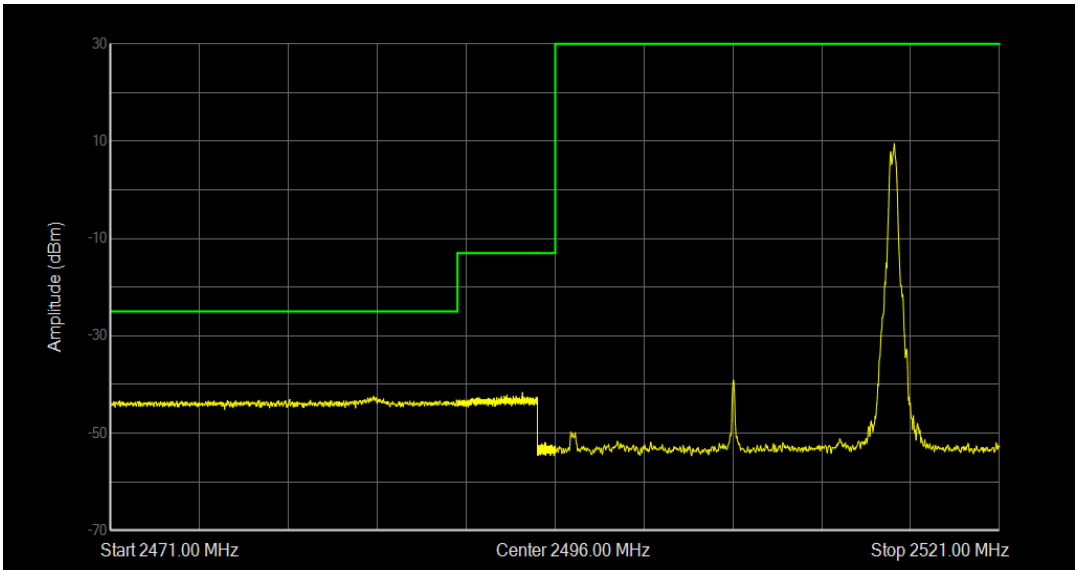


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	1000	2690.009	-26.05	-10
3	2691	2695	1000	2691.804	-39.66	-10
4	2695	2790	1000	2695.38	-39.99	-13
5	2790	2815	1000	2795.75	-42.87	-25

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

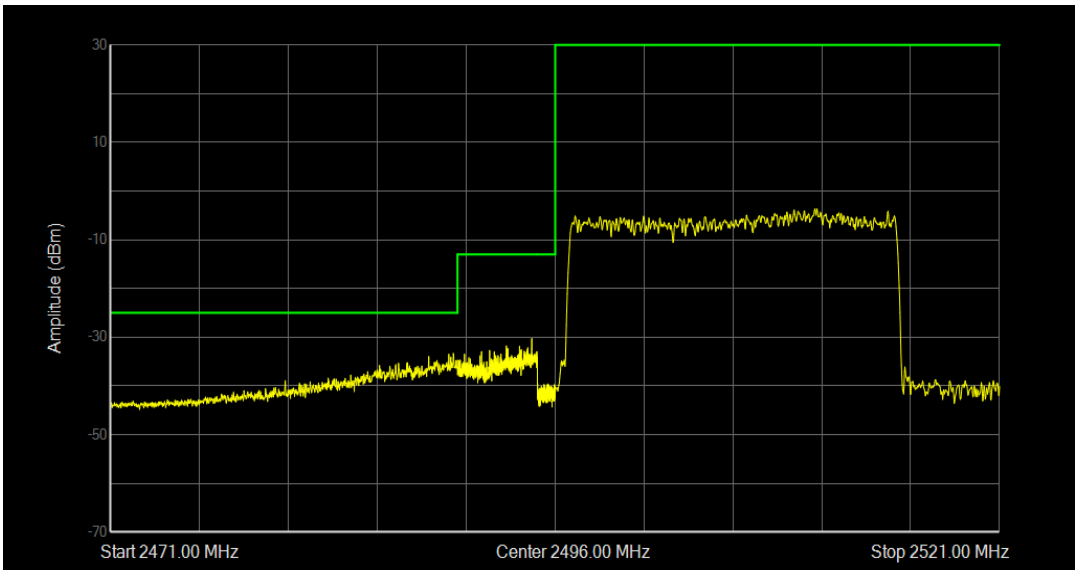
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2490.5	1000	2478.0005	-42.89	-25
2	2490.5	2495	1000	2495	-36.84	-13
3	2495	2496	100	2495.992	-37.77	-13

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



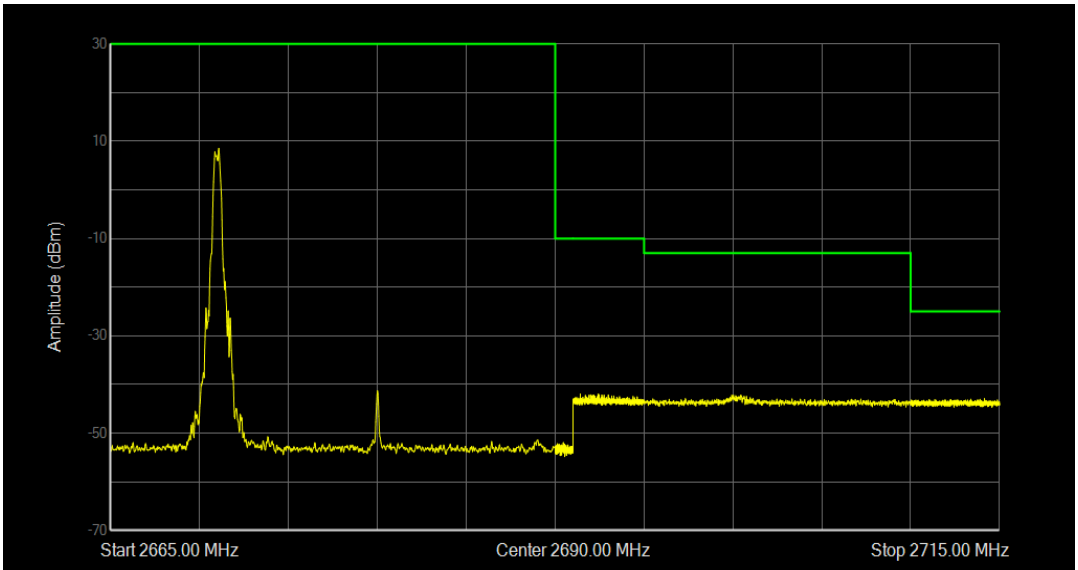
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2490.5	1000	2485.781	-42.44	-25
2	2490.5	2495	1000	2494.1585	-41.63	-13
3	2495	2496	100	2495.406	-51.95	-13

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



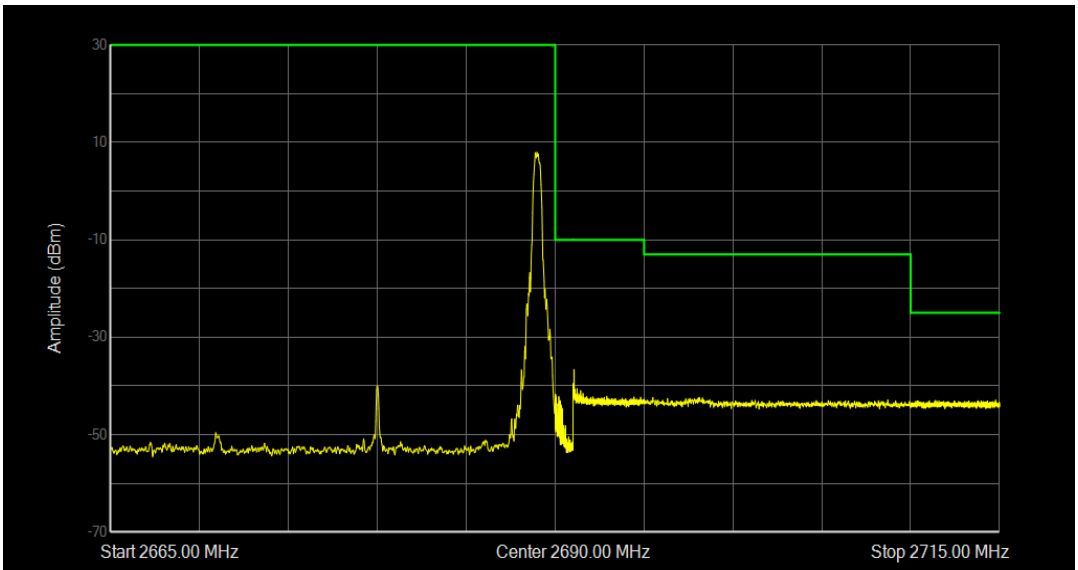
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2490.5	1000	2490.266	-33.32	-25
2	2490.5	2495	1000	2494.6805	-30.28	-13
3	2495	2496	200	2495.006	-39.46	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	100	2690.458	-51.93	-10
3	2691	2695	1000	2691.412	-41.95	-10
4	2695	2710	1000	2700.445	-42.18	-13
5	2710	2715	1000	2714.15	-42.9	-25

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

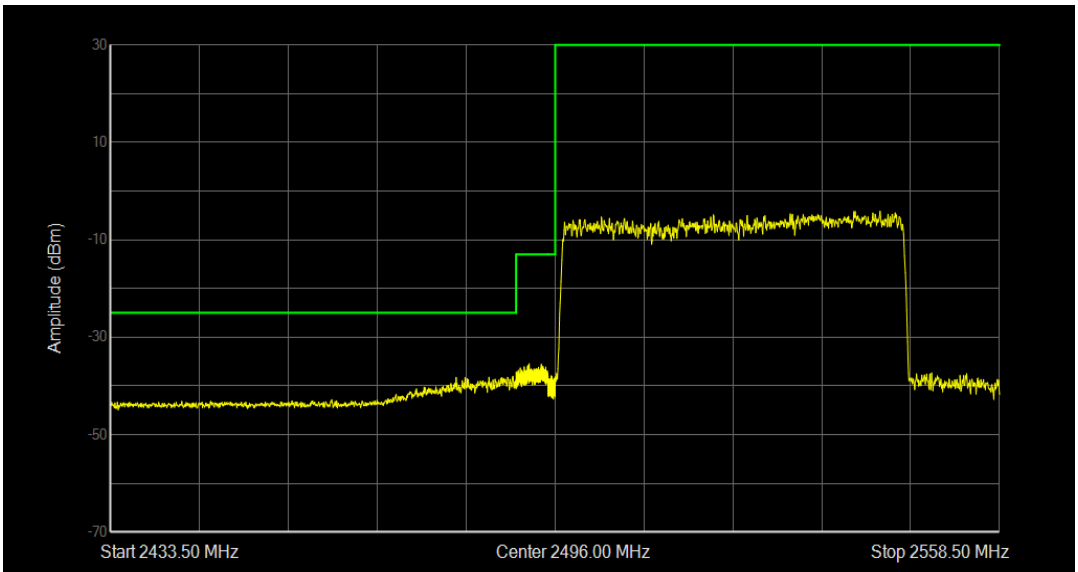


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	100	2690.005	-41.72	-10
3	2691	2695	1000	2691.056	-36.62	-10
4	2695	2710	1000	2695.495	-42.37	-13
5	2710	2715	1000	2714.775	-42.9	-25

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

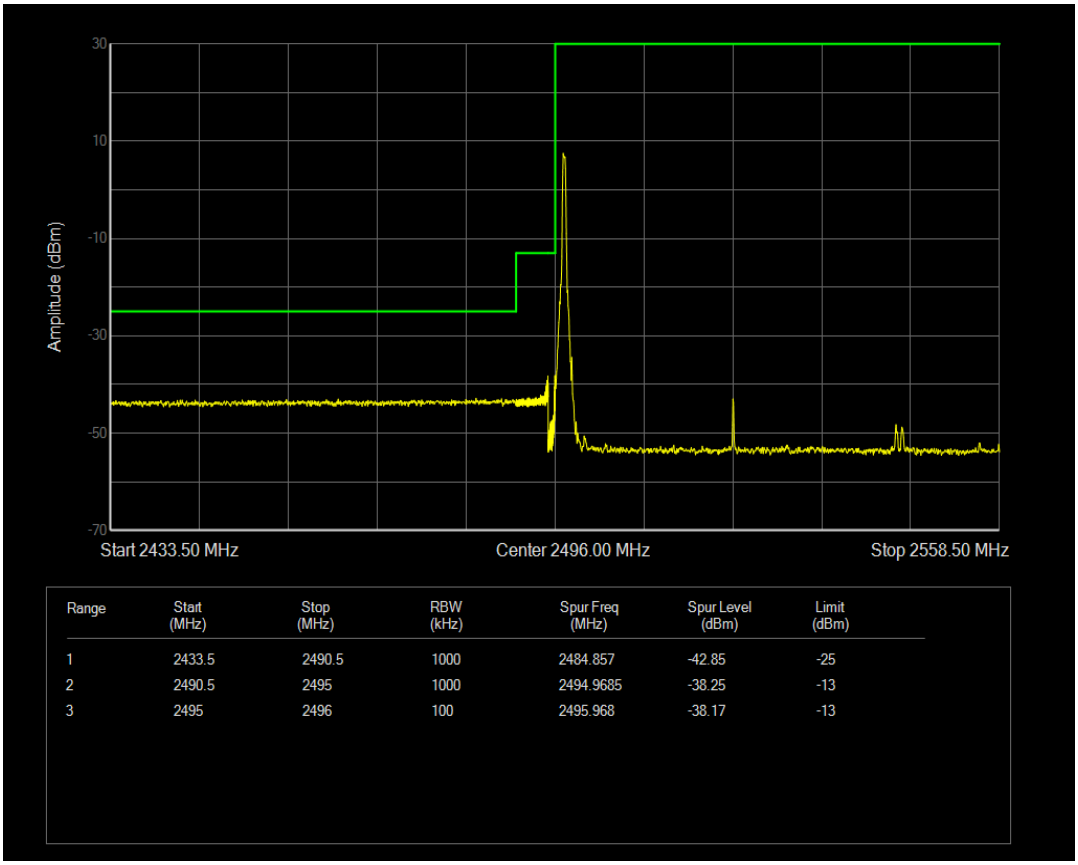
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	430	2690.415	-31.55	-10
3	2691	2695	1000	2691.808	-28.26	-10
4	2695	2710	1000	2696.68	-28.97	-13
5	2710	2715	1000	2710.3	-40.29	-25

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



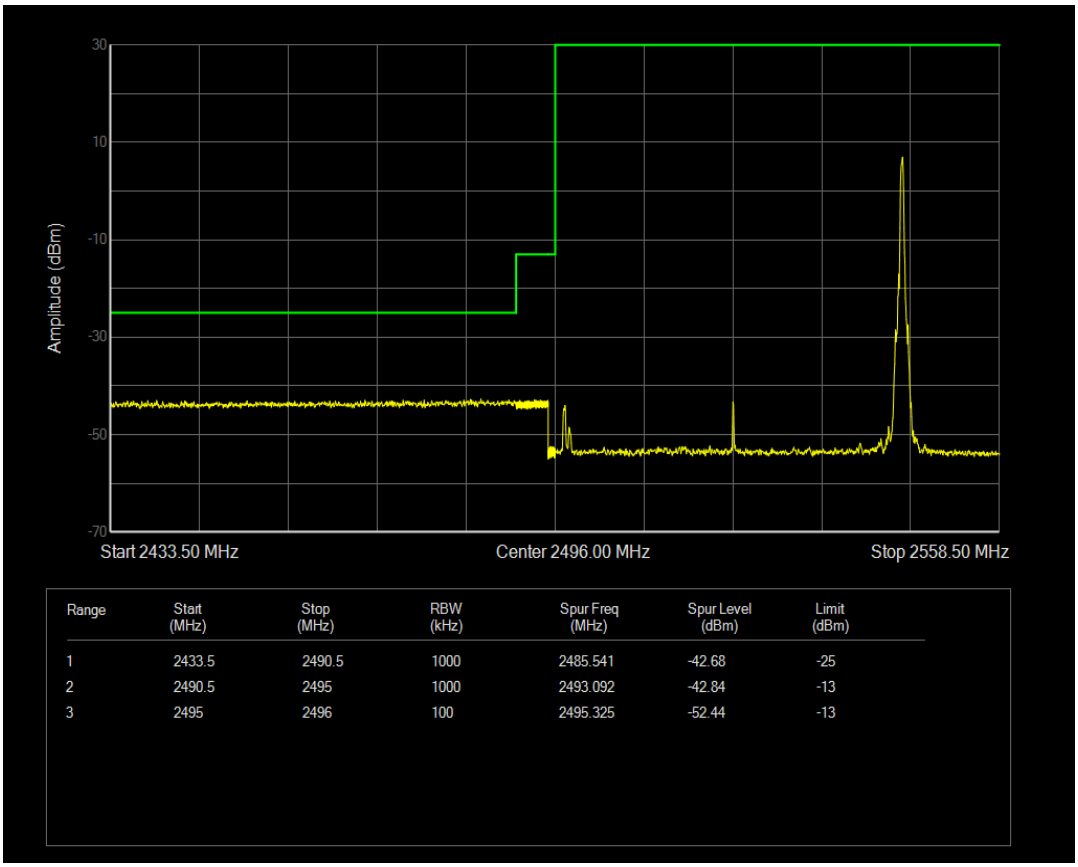
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2433.5	2490.5	1000	2490.044	-38.01	-25
2	2490.5	2495	1000	2492.3315	-35.43	-13
3	2495	2496	510	2495.415	-37.93	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2433.5	2490.5	1000	2484.857	-42.85	-25
2	2490.5	2495	1000	2494.9685	-38.25	-13
3	2495	2496	100	2495.968	-38.17	-13

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

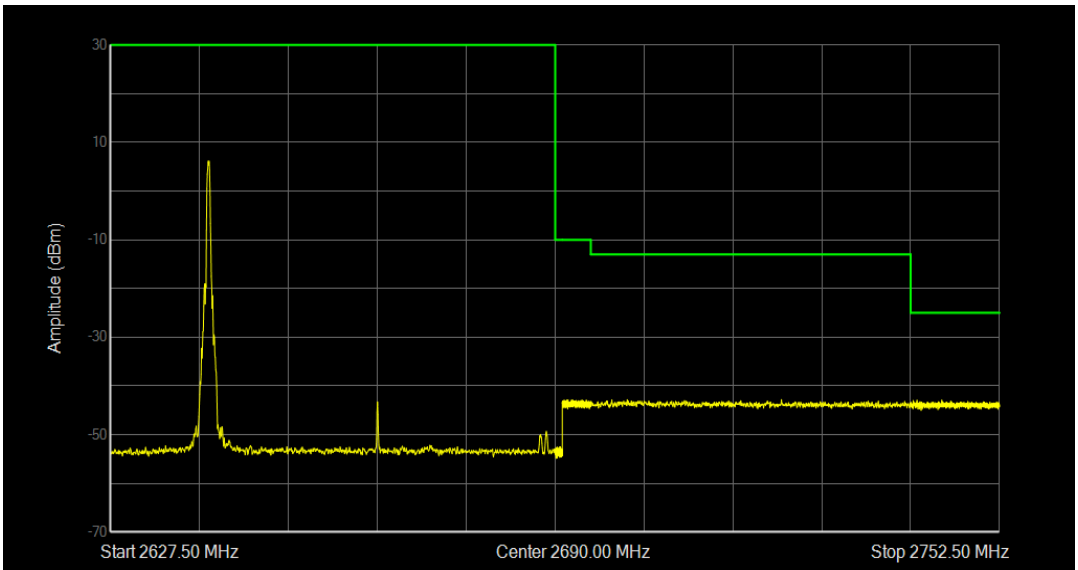


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2433.5	2490.5	1000	2485.541	-42.68	-25
2	2490.5	2495	1000	2493.092	-42.84	-13
3	2495	2496	100	2495.325	-52.44	-13

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

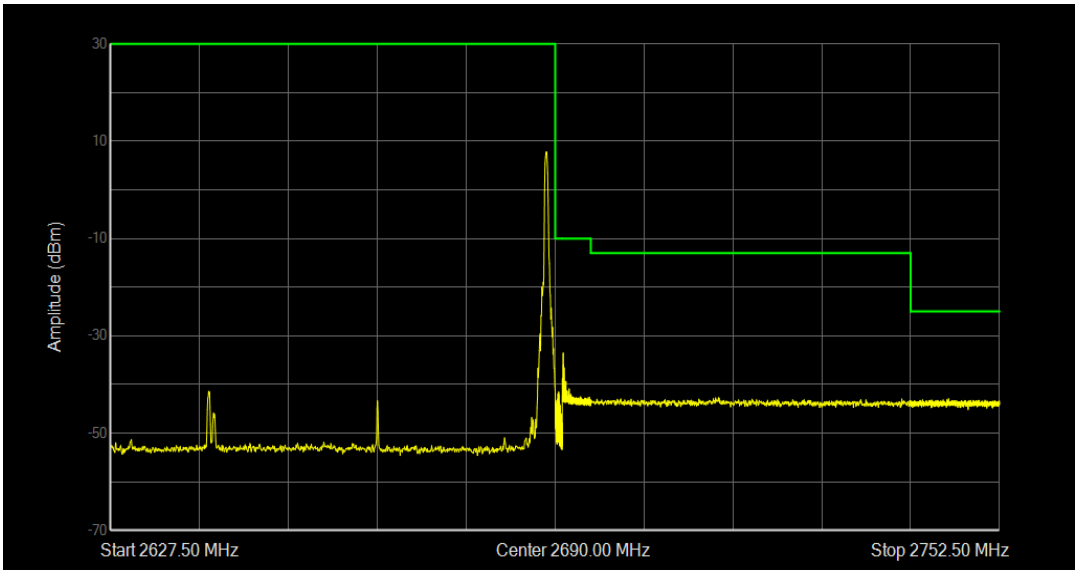
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	1000	2690.019	-26.95	-10
3	2691	2695	1000	2694.288	-34.64	-10
4	2695	2740	1000	2698.15	-35.37	-13
5	2740	2752.5	1000	2742.4625	-42.85	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	100	2690.708	-52.5	-10
3	2691	2695	1000	2691.796	-42.86	-10
4	2695	2740	1000	2721.82	-42.81	-13
5	2740	2752.5	1000	2744.375	-42.93	-25

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

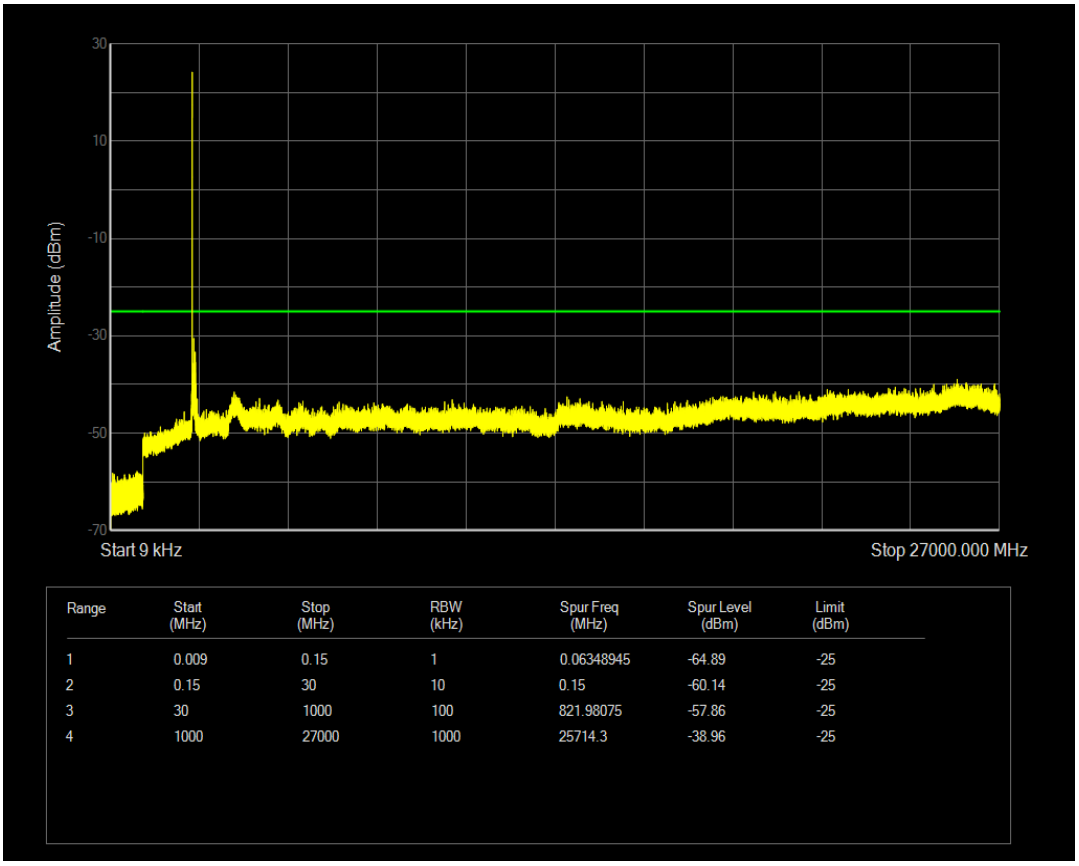


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2690	2691	100	2690.494	-41.54	-10
3	2691	2695	1000	2691.12	-33.53	-10
4	2695	2740	1000	2712.955	-42.7	-13
5	2740	2752.5	1000	2745.325	-42.91	-25

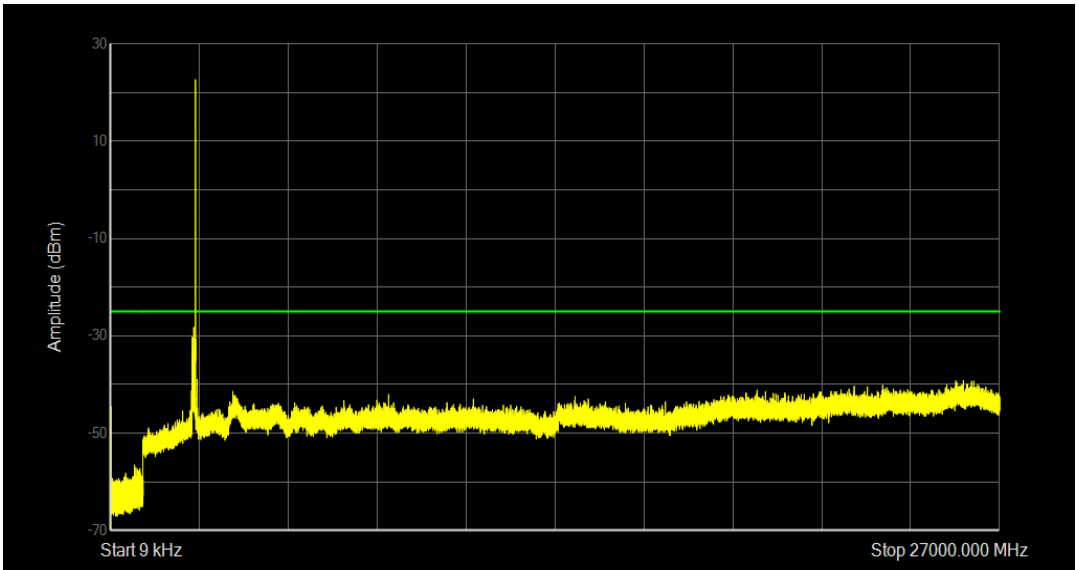
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	30	20	501204	51@0	CP_QPSK	26185.55	-39.32	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	25727.95	-39.70	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	25749.40	-38.49	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	26083.50	-39.85	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	25382.80	-38.33	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	25682.45	-38.69	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	26205.05	-38.81	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	26012.00	-39.10	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	26190.10	-39.00	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	25748.10	-38.82	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	25685.05	-38.98	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	25685.05	-38.45	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	26391.60	-39.13	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	25714.30	-38.96	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	25902.80	-39.18	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	26209.60	-39.77	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	26018.50	-39.09	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	25849.50	-39.14	-25	PASS

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

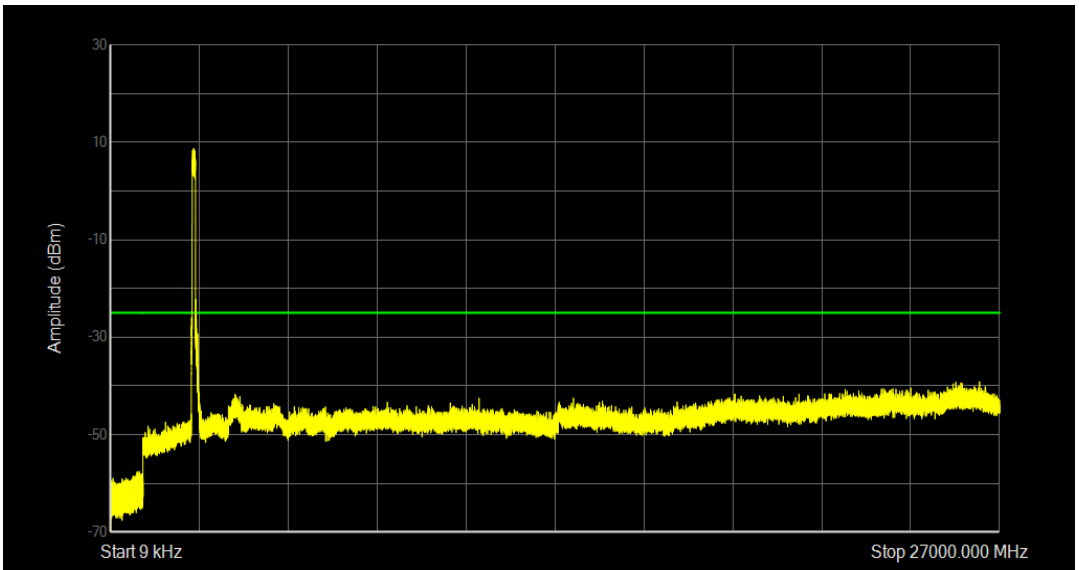


n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272



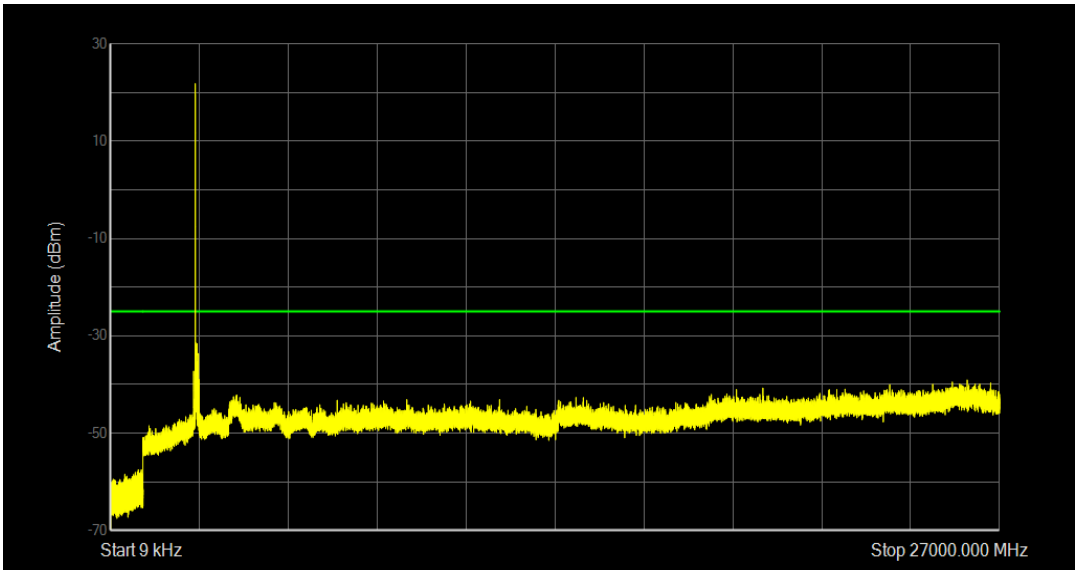
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063443625	-66.23	-25
2	0.15	30	10	0.15522375	-59.77	-25
3	30	1000	100	33.66175	-44.56	-25
4	1000	27000	1000	25902.8	-39.18	-25

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



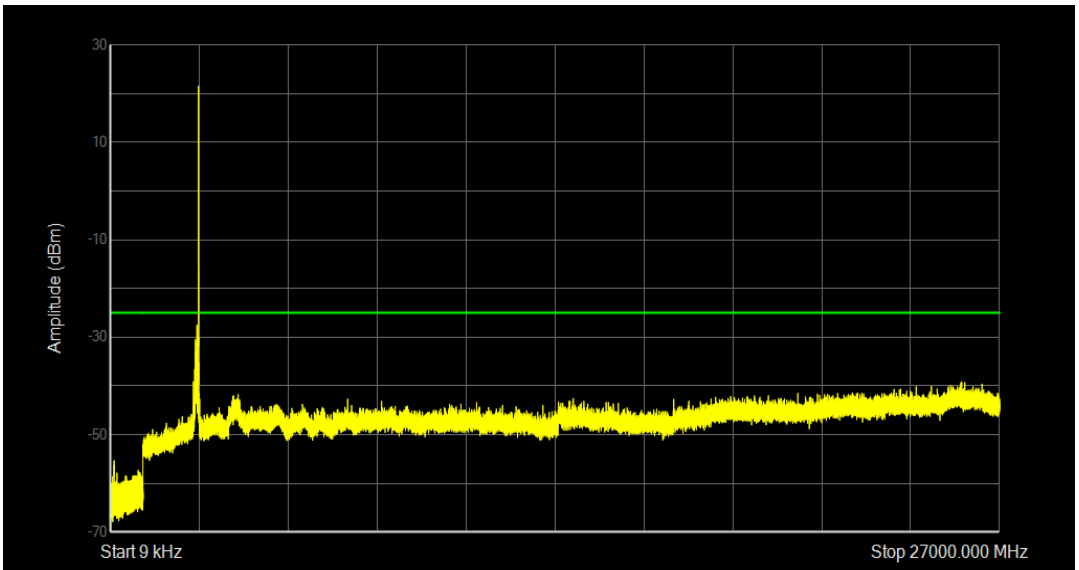
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06358815	-65.71	-25
2	0.15	30	10	0.1514925	-60.9	-25
3	30	1000	100	888.8865	-57.59	-25
4	1000	27000	1000	26391.6	-39.13	-25

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



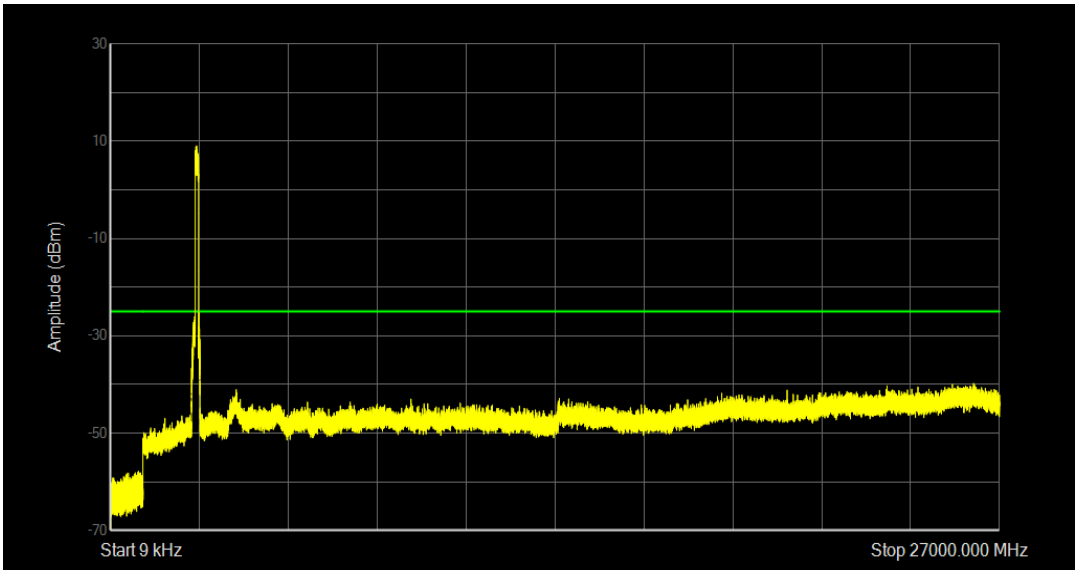
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0637362	-66.33	-25
2	0.15	30	10	29.79105	-56.81	-25
3	30	1000	100	951.985	-57.52	-25
4	1000	27000	1000	26018.5	-39.09	-25

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



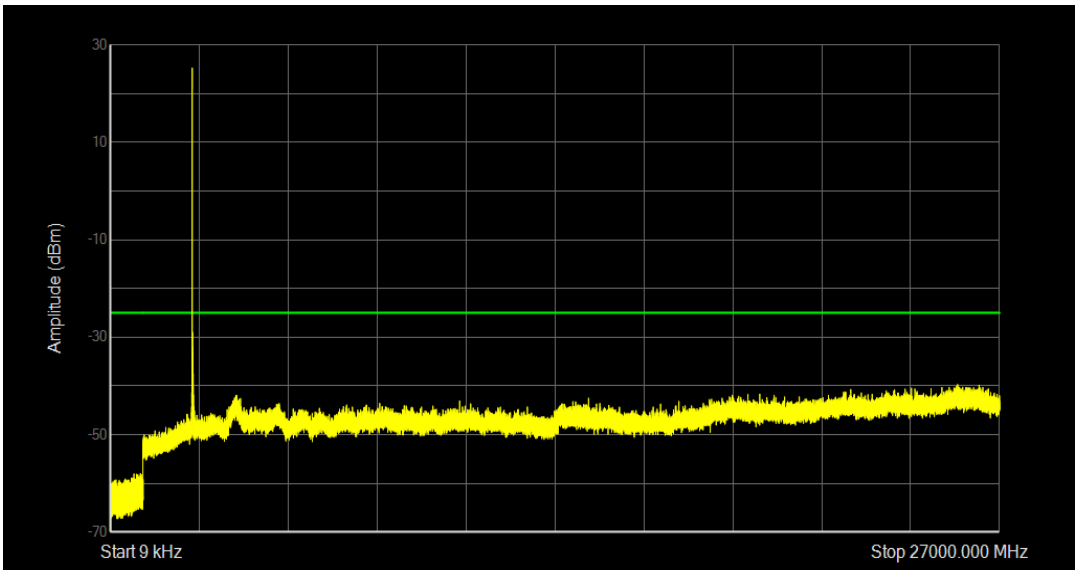
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06364455	-66.95	-25
2	0.15	30	10	0.15	-58.54	-25
3	30	1000	100	127.776	-55.34	-25
4	1000	27000	1000	25849.5	-39.14	-25

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



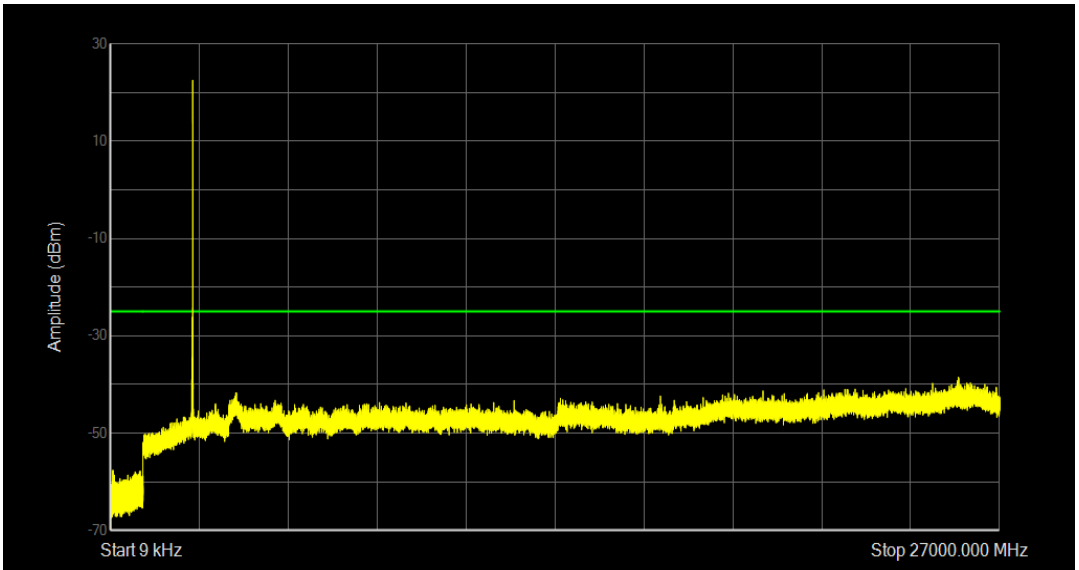
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063507075	-66.65	-25
2	0.15	30	10	0.15820875	-57.85	-25
3	30	1000	100	871.01425	-57.9	-25
4	1000	27000	1000	26209.6	-39.77	-25

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



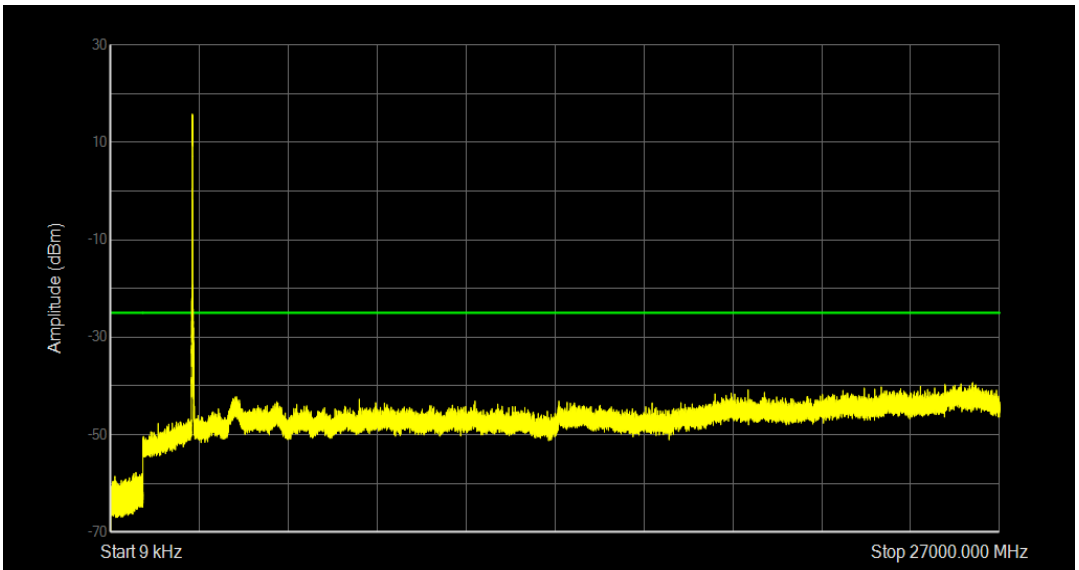
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063464775	-65.63	-25
2	0.15	30	10	0.15	-60.71	-25
3	30	1000	100	927.0075	-57.96	-25
4	1000	27000	1000	25727.95	-39.7	-25

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



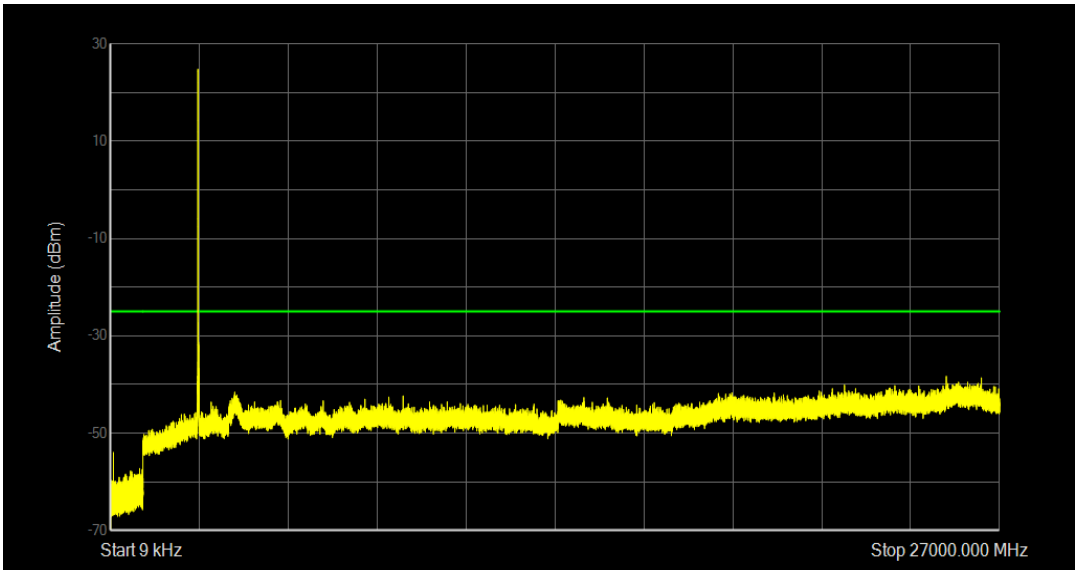
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063584625	-65.89	-25
2	0.15	30	10	0.182835	-59.06	-25
3	30	1000	100	92.49225	-57.61	-25
4	1000	27000	1000	25749.4	-38.49	-25

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



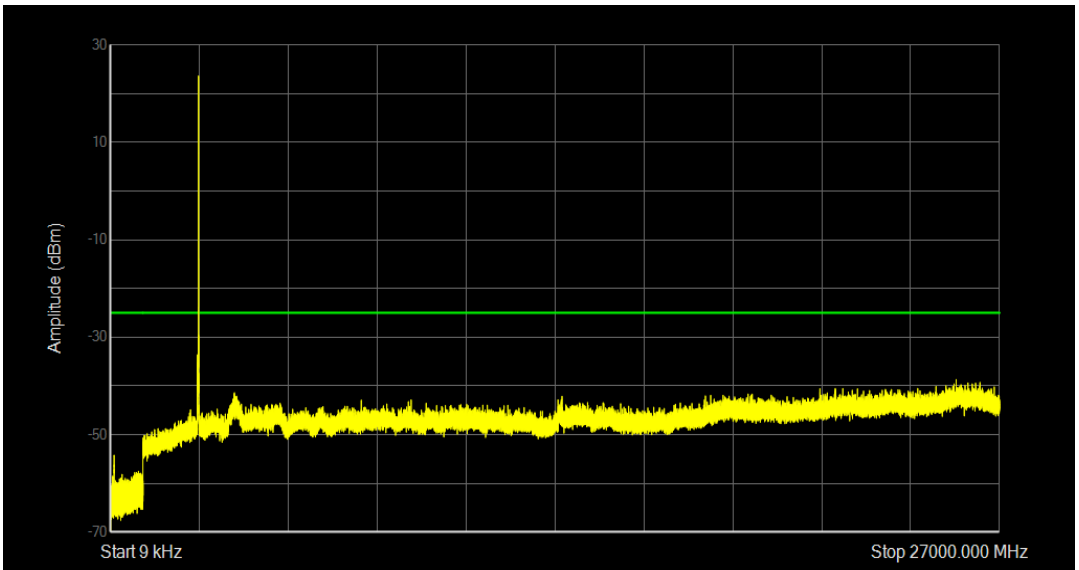
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063535275	-66.8	-25
2	0.15	30	10	0.17985	-60.95	-25
3	30	1000	100	789.607	-57.76	-25
4	1000	27000	1000	26185.55	-39.32	-25

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



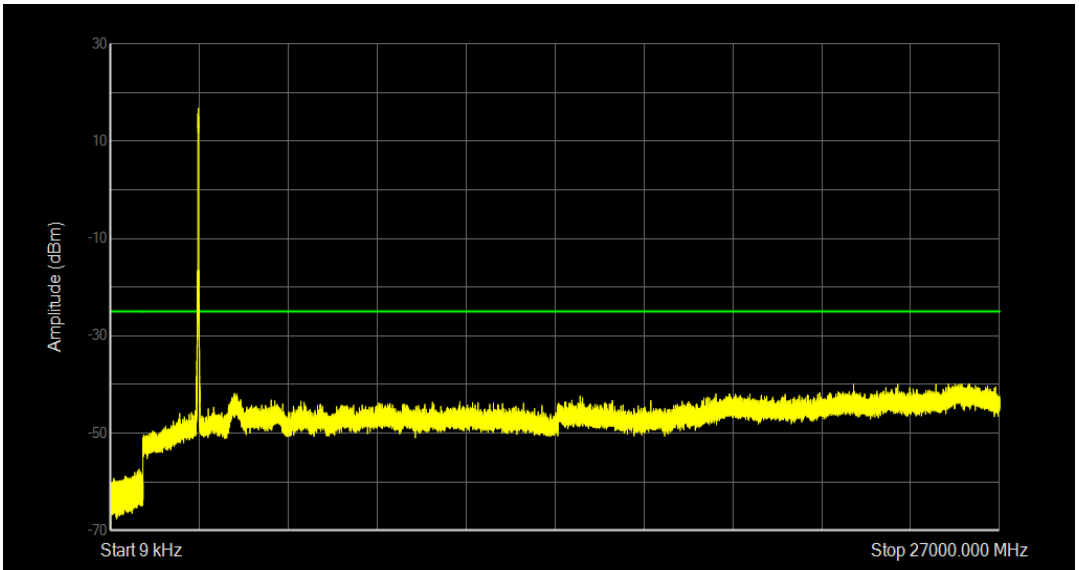
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063471825	-66.1	-25
2	0.15	30	10	0.18208875	-60.71	-25
3	30	1000	100	109.6855	-53.98	-25
4	1000	27000	1000	25382.8	-38.33	-25

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



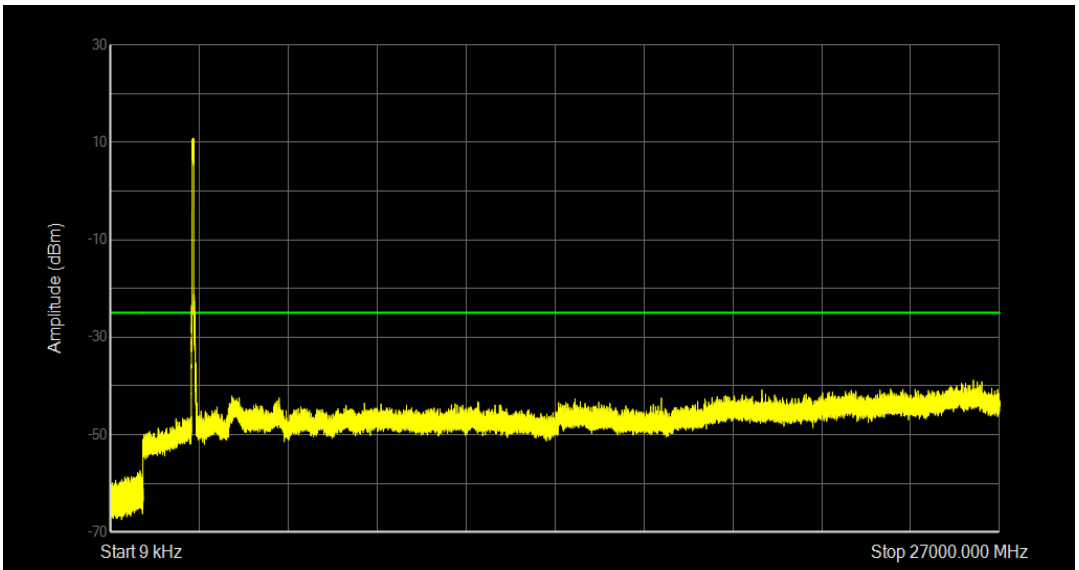
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06363045	-65.89	-25
2	0.15	30	10	0.1694025	-60.7	-25
3	30	1000	100	127.70325	-54.24	-25
4	1000	27000	1000	25682.45	-38.69	-25

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



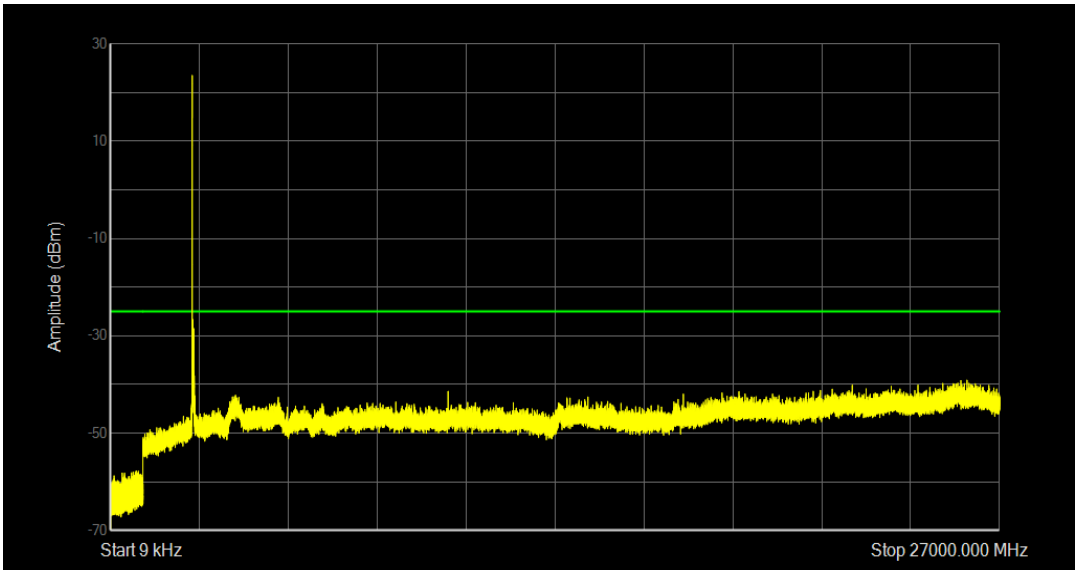
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06357405	-65.55	-25
2	0.15	30	10	0.17910375	-60.11	-25
3	30	1000	100	887.383	-57.43	-25
4	1000	27000	1000	26083.5	-39.85	-25

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



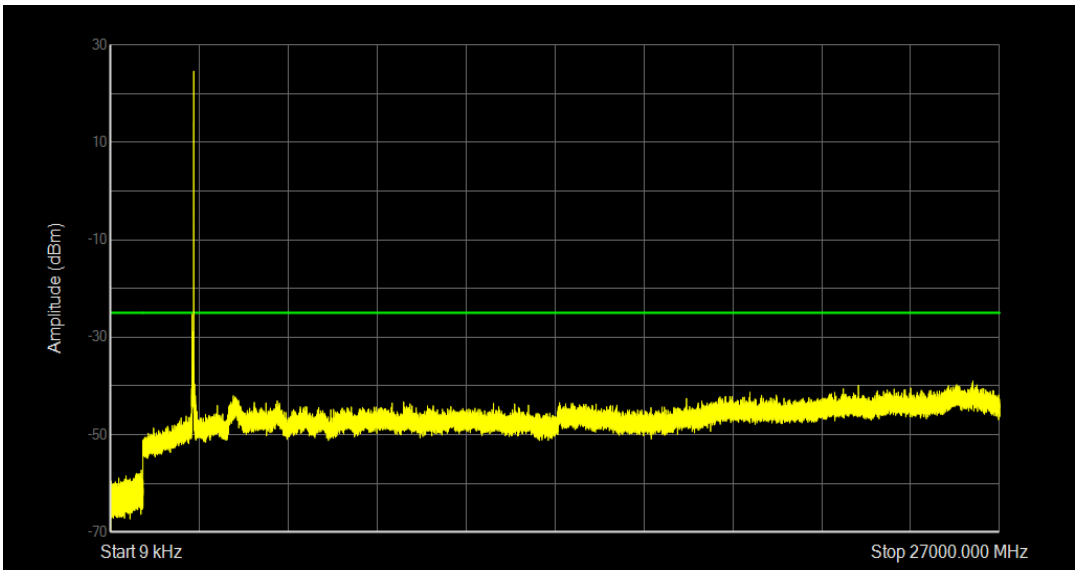
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063309675	-66.7	-25
2	0.15	30	10	0.17014875	-61.08	-25
3	30	1000	100	914.2035	-57.4	-25
4	1000	27000	1000	26205.05	-38.81	-25

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



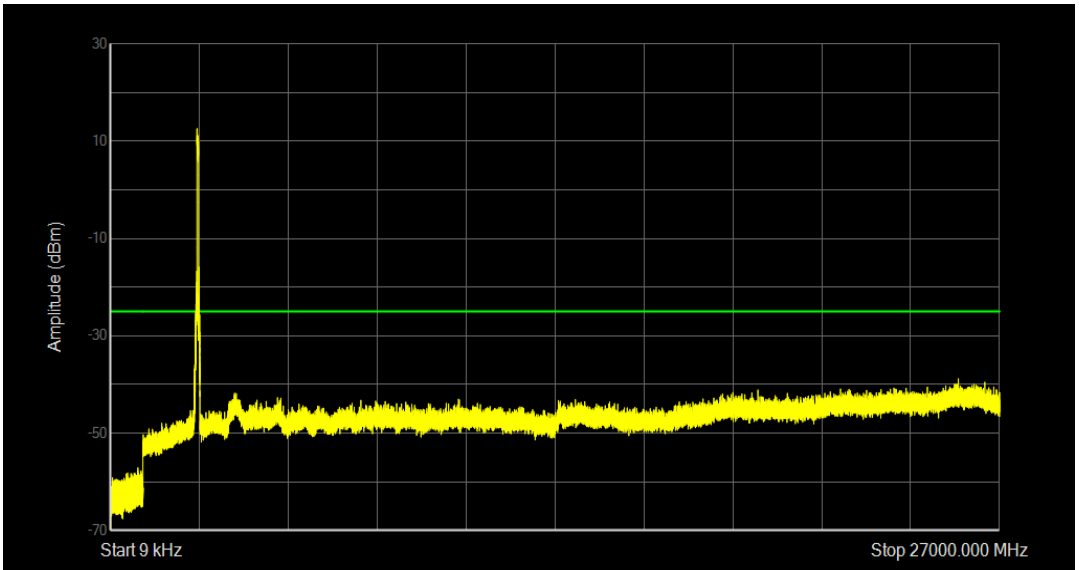
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.08045175	-66.68	-25
2	0.15	30	10	0.15	-60.59	-25
3	30	1000	100	797.755	-57.75	-25
4	1000	27000	1000	26012	-39.1	-25

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



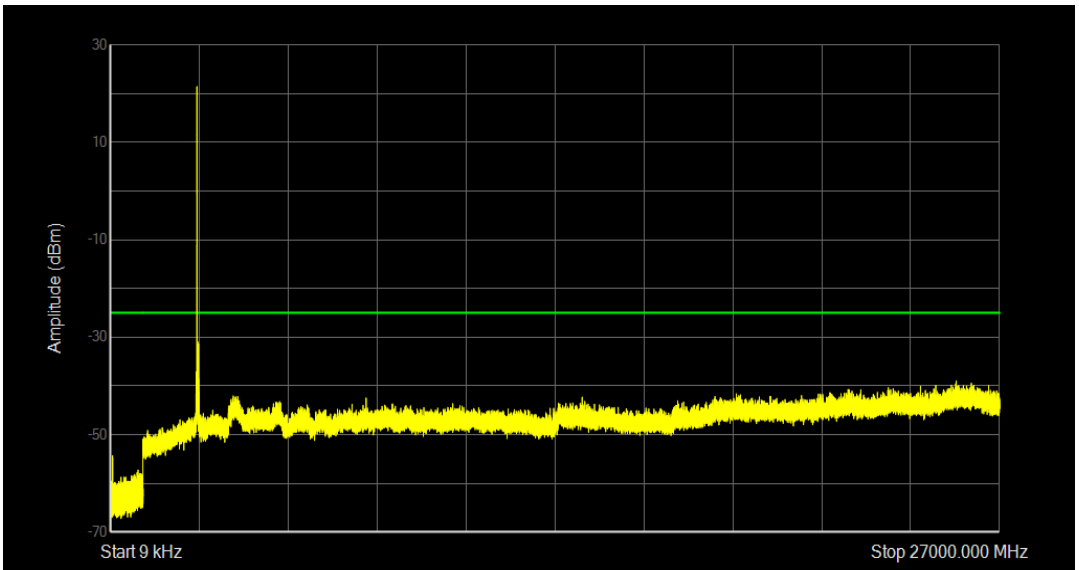
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06399	-65.9	-25
2	0.15	30	10	0.15373125	-60.58	-25
3	30	1000	100	952.49425	-57.31	-25
4	1000	27000	1000	26190.1	-39	-25

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



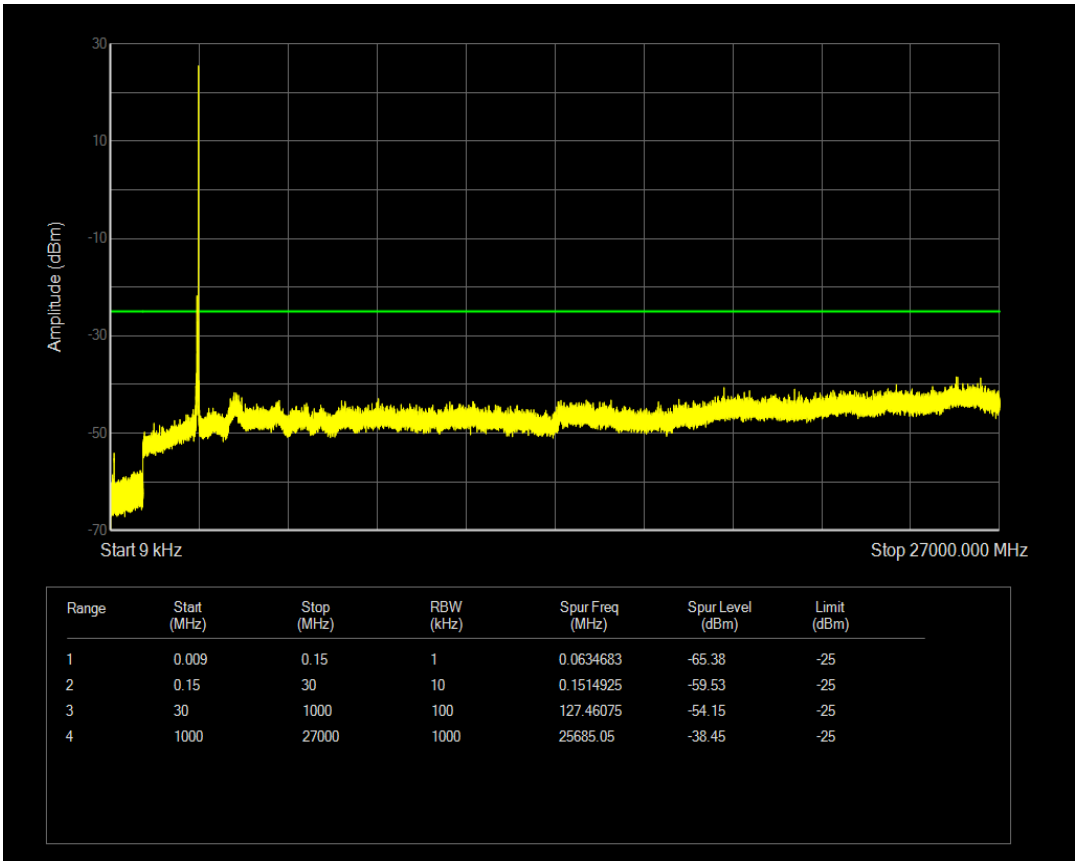
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063598725	-66.5	-25
2	0.15	30	10	0.16194	-60.23	-25
3	30	1000	100	850.78975	-57.16	-25
4	1000	27000	1000	25748.1	-38.82	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063708	-66.62	-25
2	0.15	30	10	0.18805875	-60.53	-25
3	30	1000	100	80.02775	-54.31	-25
4	1000	27000	1000	25685.05	-38.98	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0634683	-65.38	-25
2	0.15	30	10	0.1514925	-59.53	-25
3	30	1000	100	127.46075	-54.15	-25
4	1000	27000	1000	25685.05	-38.45	-25