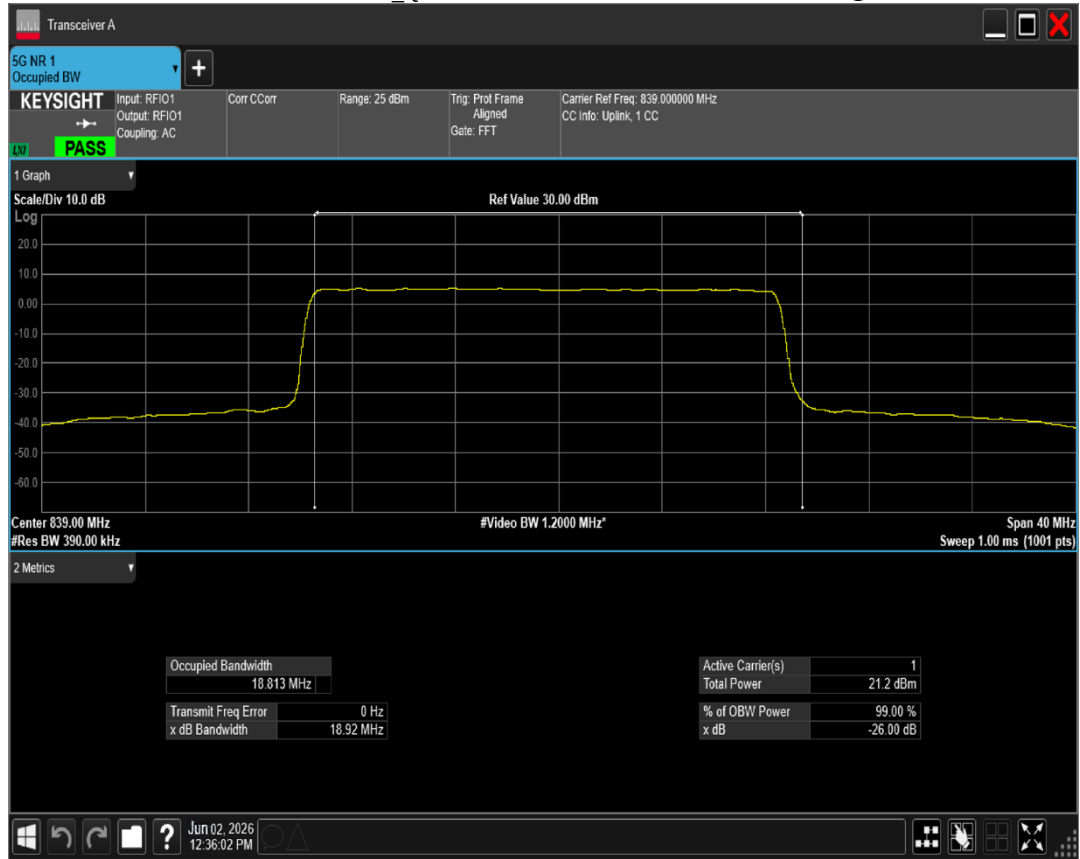
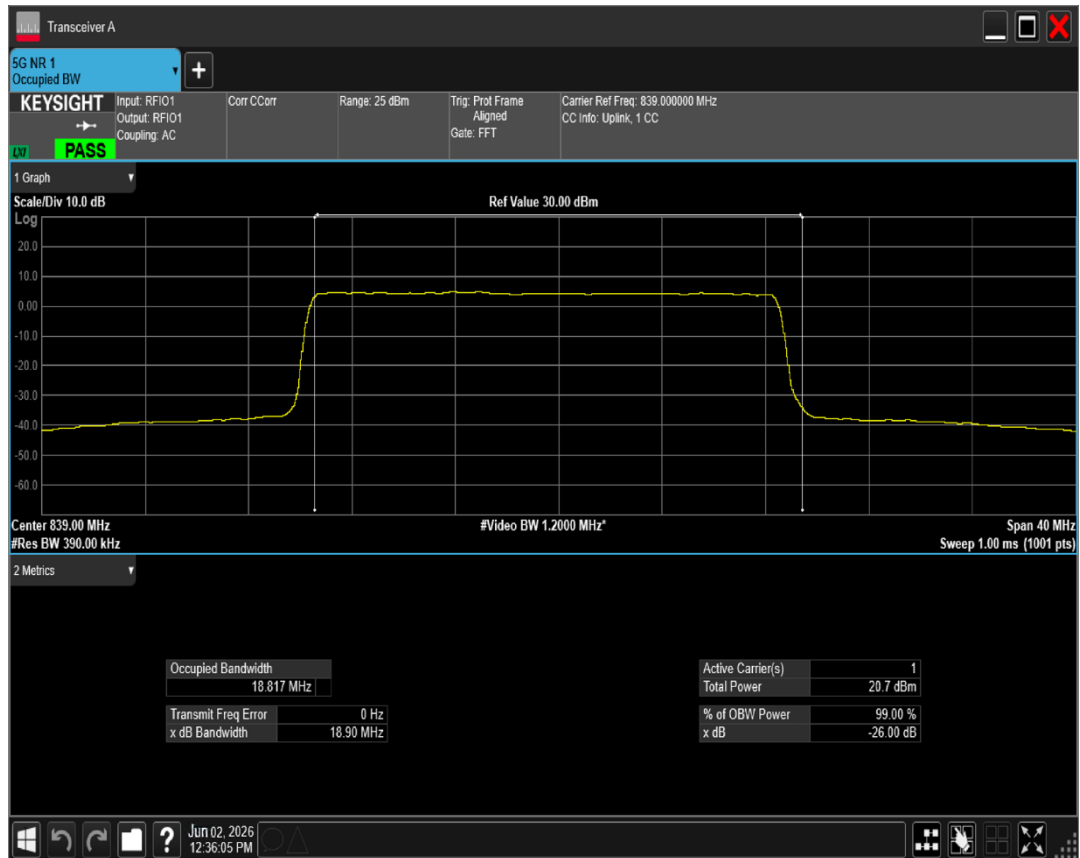


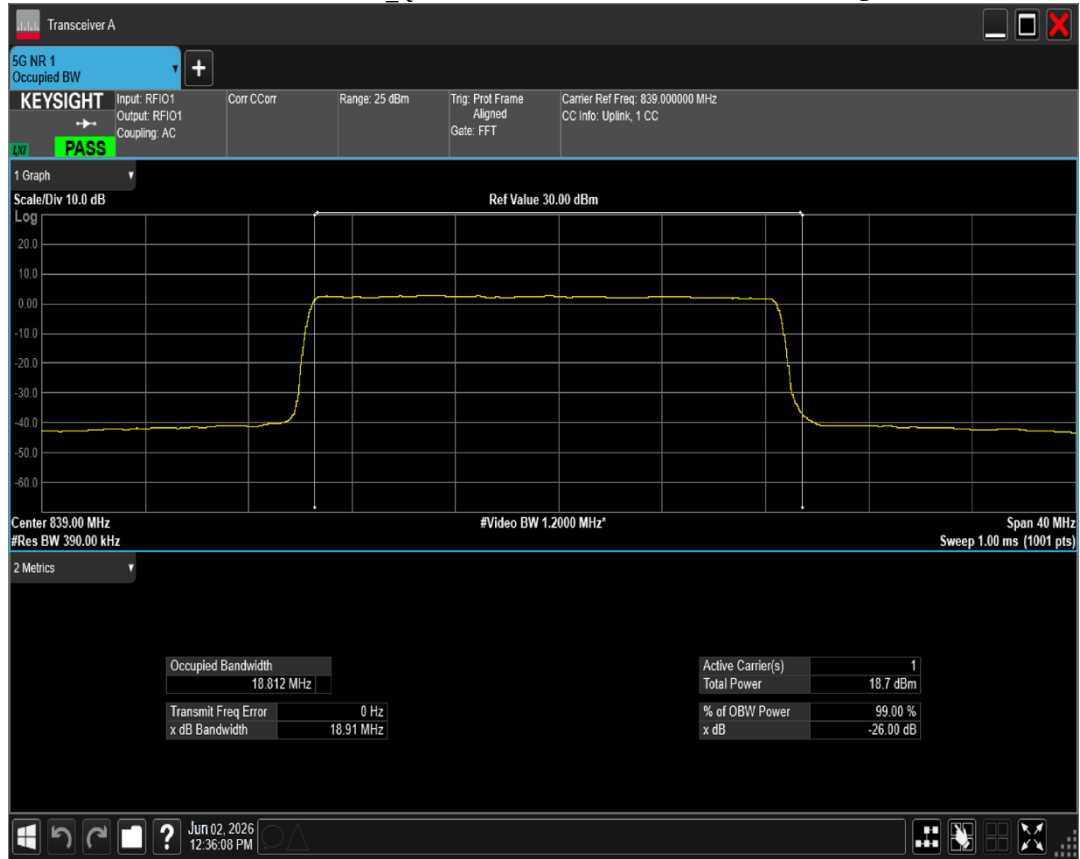
n5 SCS=15kHz DFT_QAM16 BW=20MHz Channel=167800 RB=100@0



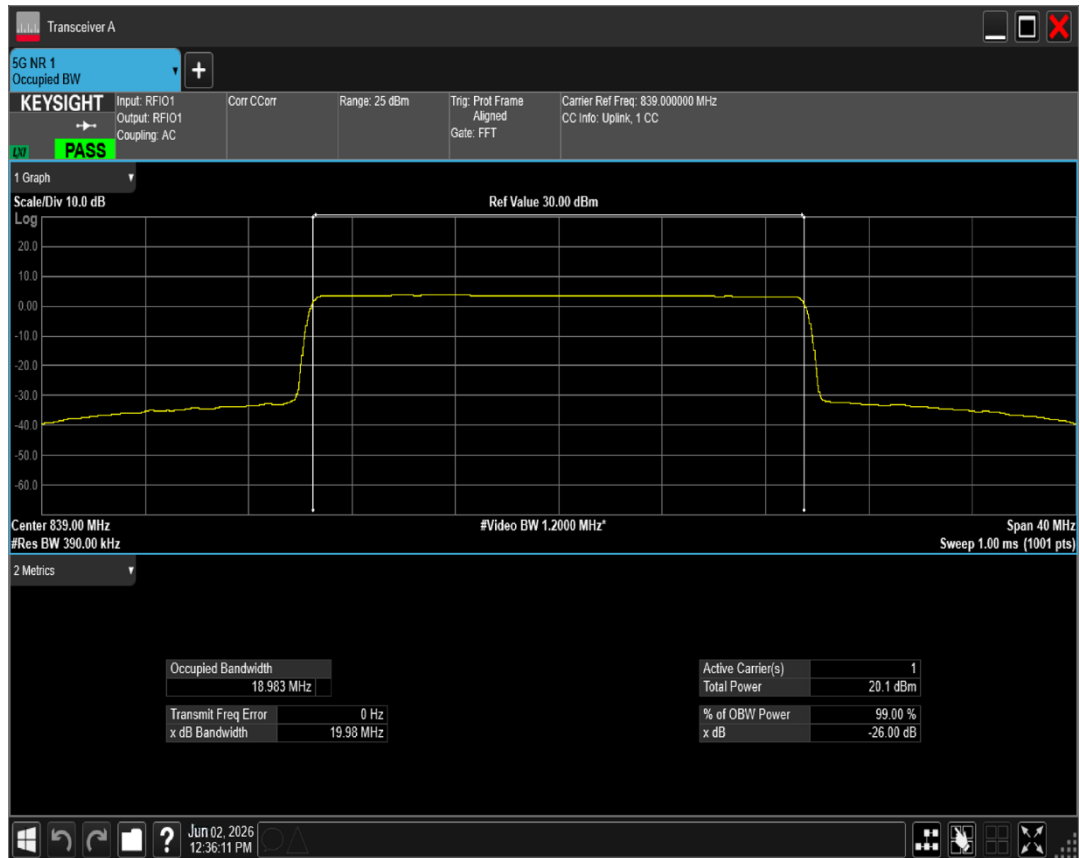
n5 SCS=15kHz DFT_QAM64 BW=20MHz Channel=167800 RB=100@0



n5 SCS=15kHz DFT_QAM256 BW=20MHz Channel=167800 RB=100@0



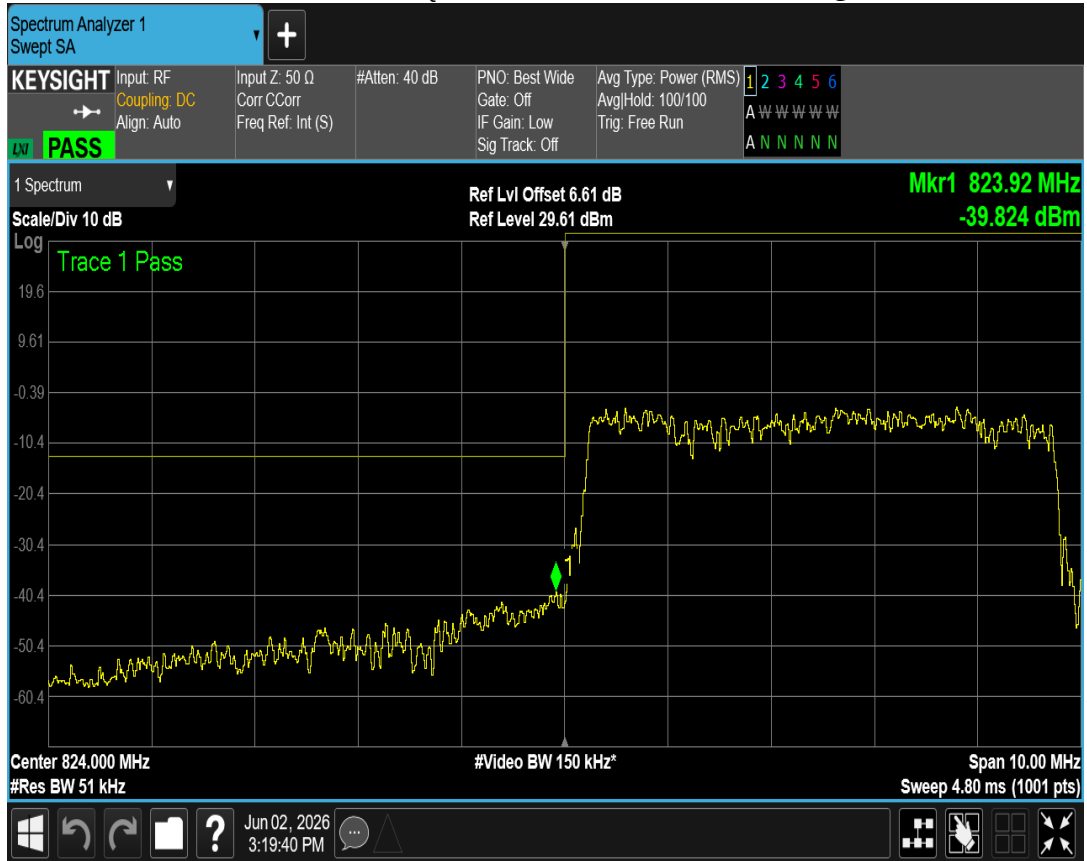
n5 SCS=15kHz CP_QPSK BW=20MHz Channel=167800 RB=106@0



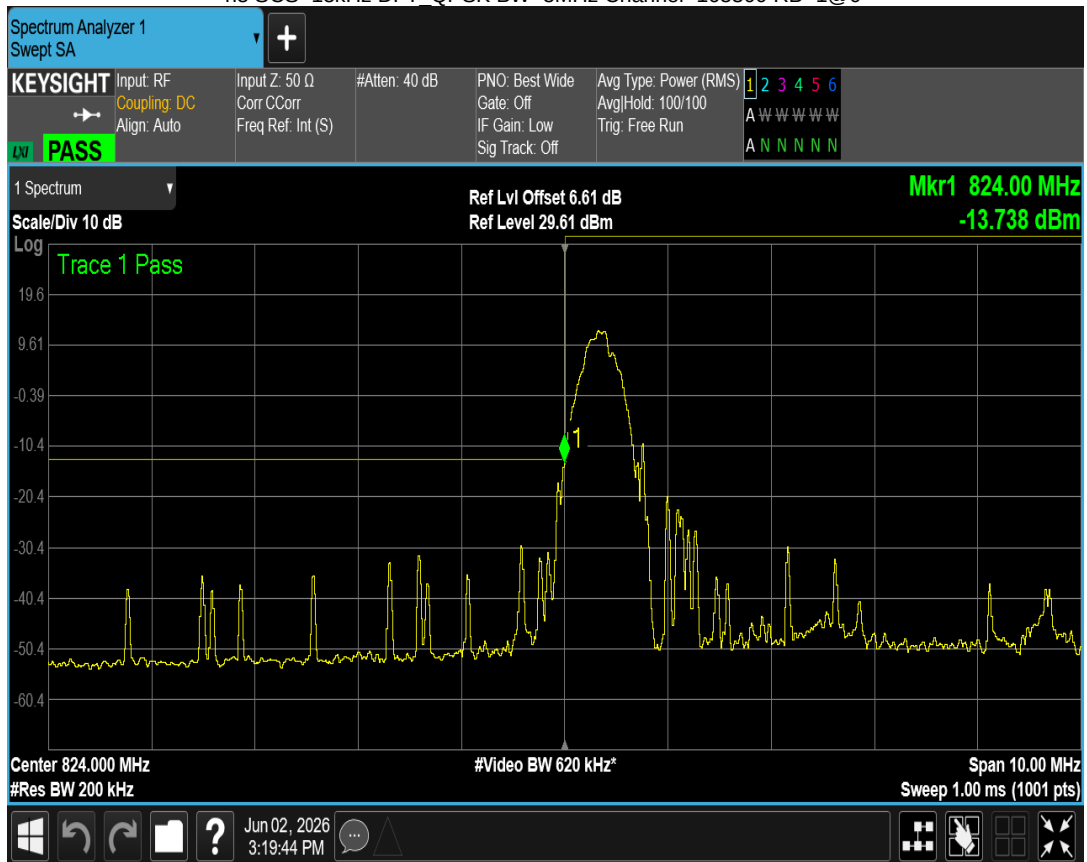
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	15	5	165300	25@0	DFT_QPSK	823.92	-39.82	-13	PASS
n5	15	5	165300	1@0	DFT_QPSK	824.00	-13.73	-13	PASS
n5	15	5	169300	25@0	DFT_QPSK	849.13	-36.65	-13	PASS
n5	15	5	169300	1@24	DFT_QPSK	849.00	-17.29	-13	PASS
n5	15	20	166800	100@0	DFT_QPSK	823.76	-39.30	-13	PASS
n5	15	20	166800	1@0	DFT_QPSK	823.80	-24.89	-13	PASS
n5	15	20	167800	100@0	DFT_QPSK	849.40	-40.21	-13	PASS
n5	15	20	167800	1@105	DFT_QPSK	849.24	-24.71	-13	PASS

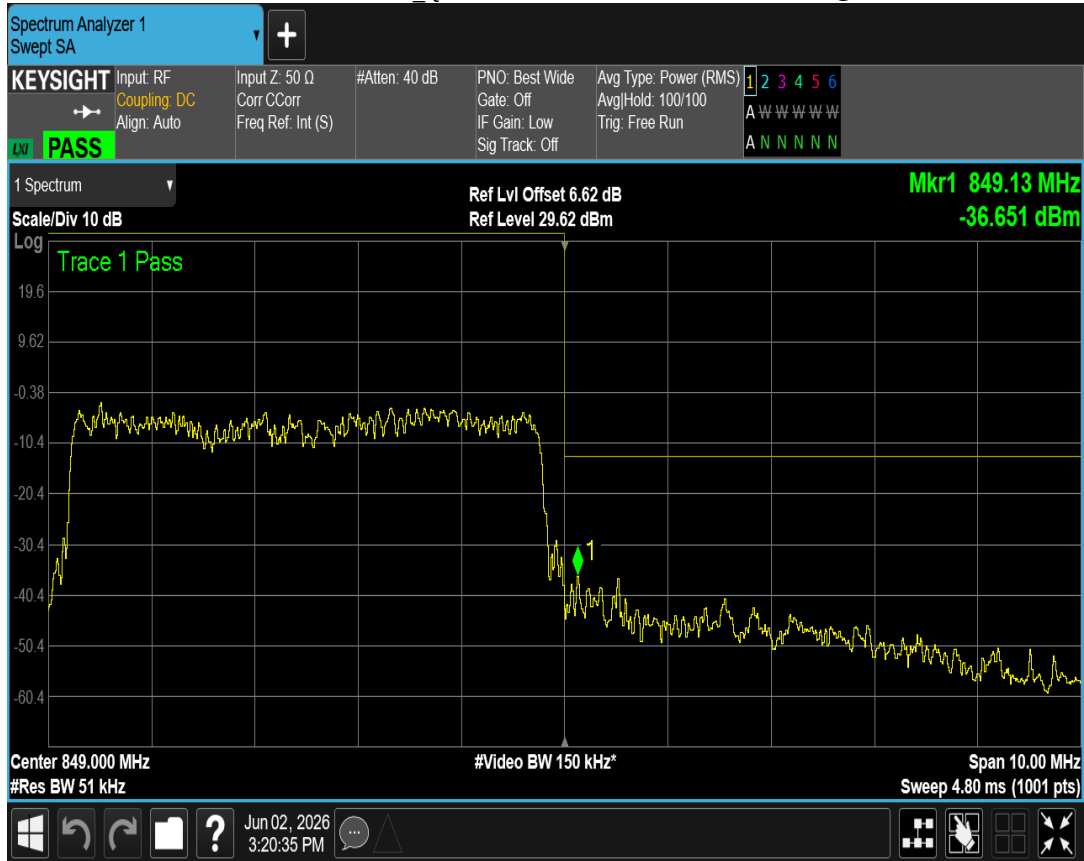
n5 SCS=15kHz DFT QPSK BW=5MHz Channel=165300 RB=25@0



n5 SCS=15kHz DFT QPSK BW=5MHz Channel=165300 RB=1@0



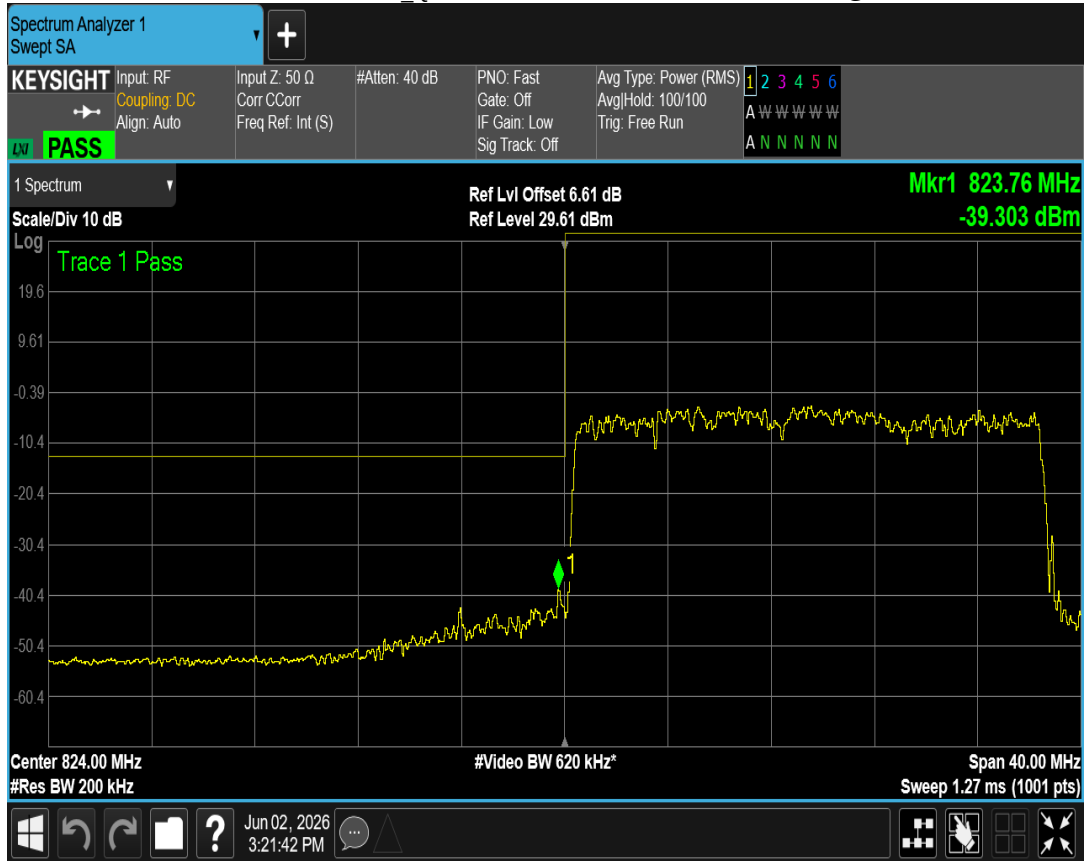
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=25@0



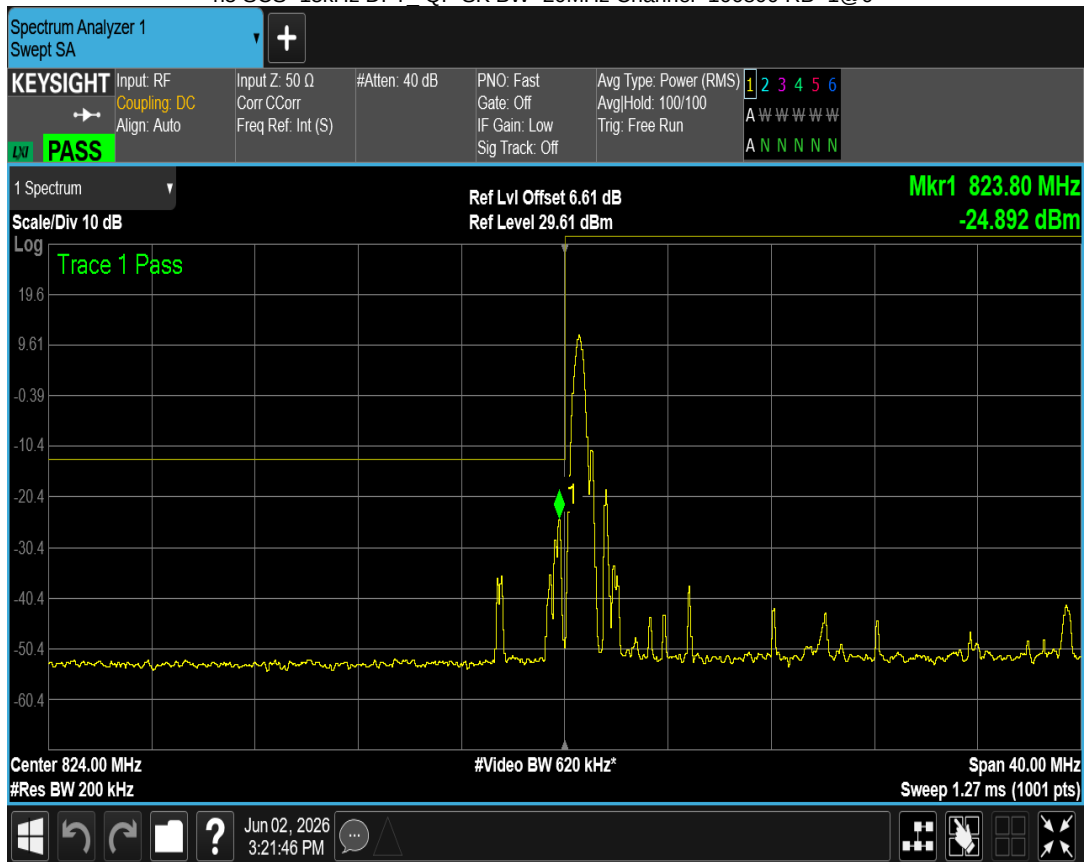
n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=1@24



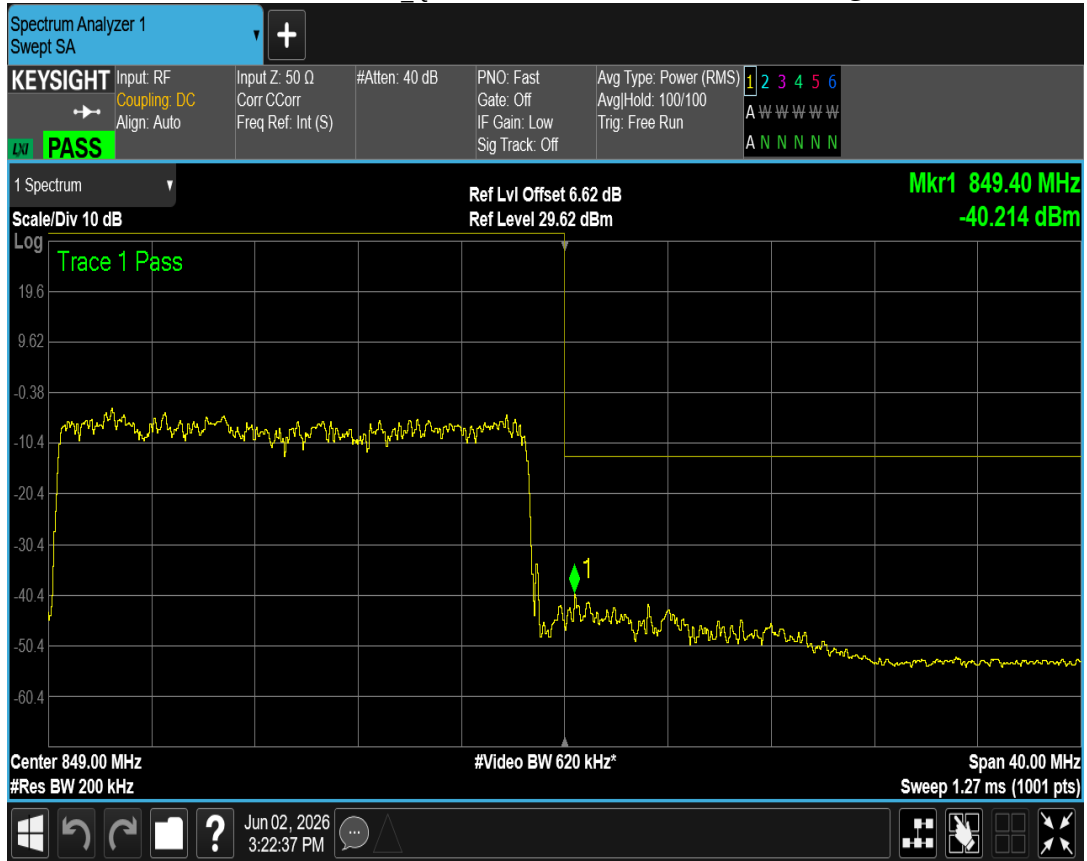
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=166800 RB=100@0



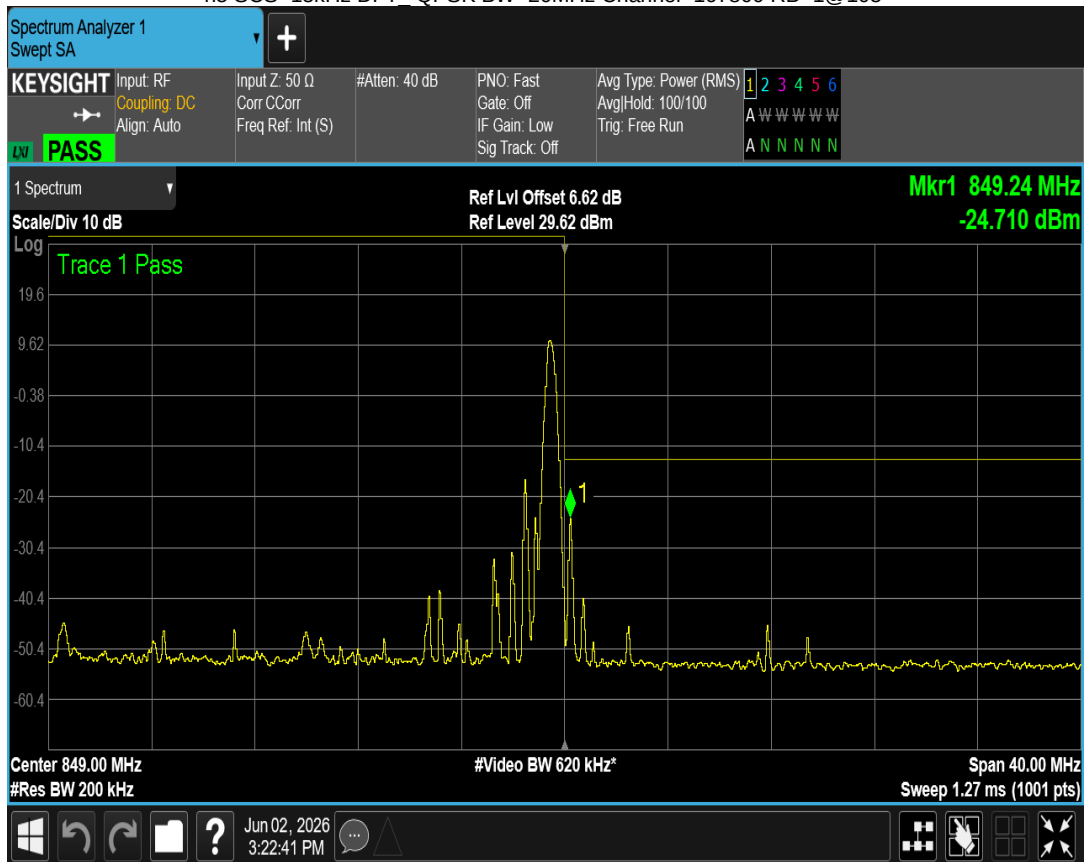
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@0



n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=100@0



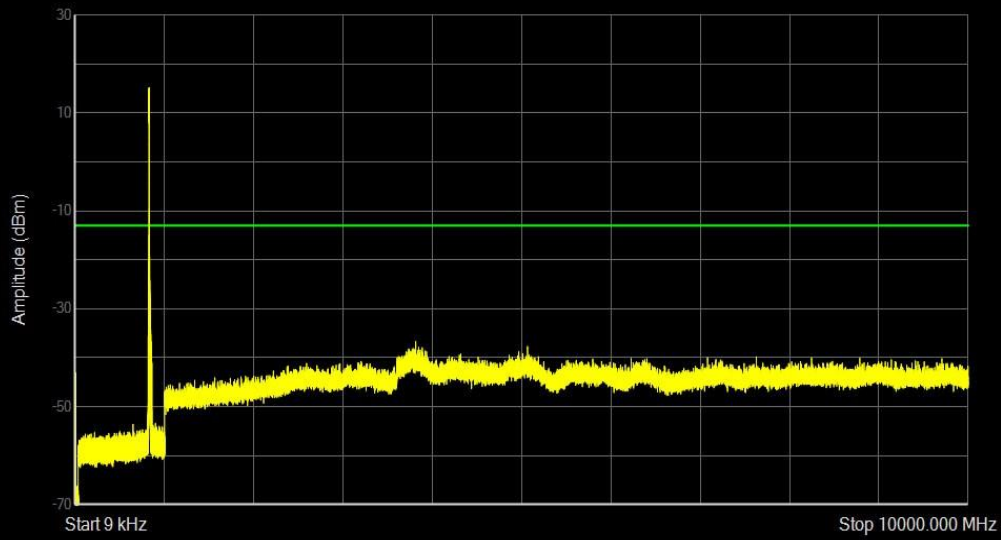
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@105



6 Out-of-band emissions for NR FR1

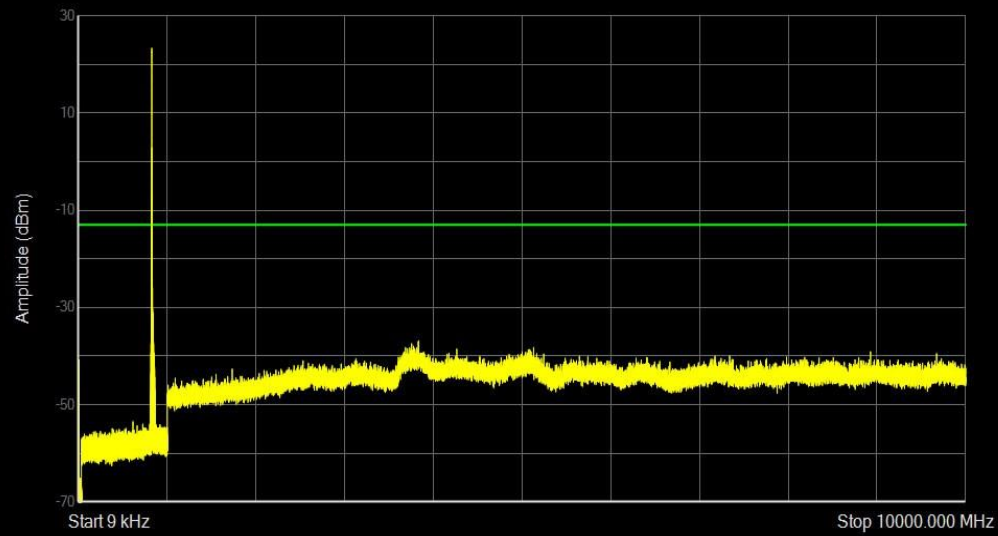
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	15	5	165300	25@0	DFT_QPSK	3811.15	-36.67	-13	PASS
n5	15	5	165300	1@0	DFT_QPSK	3831.85	-36.92	-13	PASS
n5	15	5	165300	1@24	DFT_QPSK	5095.45	-37.79	-13	PASS
n5	15	5	169300	25@0	DFT_QPSK	3744.55	-36.14	-13	PASS
n5	15	5	169300	1@0	DFT_QPSK	3824.43	-37.22	-13	PASS
n5	15	5	169300	1@24	DFT_QPSK	3772.45	-38.02	-13	PASS
n5	15	15	166300	75@0	DFT_QPSK	3858.63	-37.21	-13	PASS
n5	15	15	166300	1@78	DFT_QPSK	3807.33	-38.18	-13	PASS
n5	15	15	166300	75@0	DFT_QPSK	3799.90	-37.34	-13	PASS
n5	15	15	168300	75@0	DFT_QPSK	3774.25	-37.83	-13	PASS
n5	15	15	168300	1@78	DFT_QPSK	3777.63	-38.02	-13	PASS
n5	15	15	168300	75@0	DFT_QPSK	3847.38	-37.16	-13	PASS
n5	15	20	166800	100@0	DFT_QPSK	3820.60	-37.51	-13	PASS
n5	15	20	166800	1@0	DFT_QPSK	3868.08	-37.64	-13	PASS
n5	15	20	166800	1@105	DFT_QPSK	3776.50	-37.39	-13	PASS
n5	15	20	167800	100@0	DFT_QPSK	3873.70	-37.59	-13	PASS
n5	15	20	167800	1@0	DFT_QPSK	3817.68	-37.58	-13	PASS
n5	15	20	167800	1@105	DFT_QPSK	3763.68	-37.89	-13	PASS

n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=165300 RB=25@0



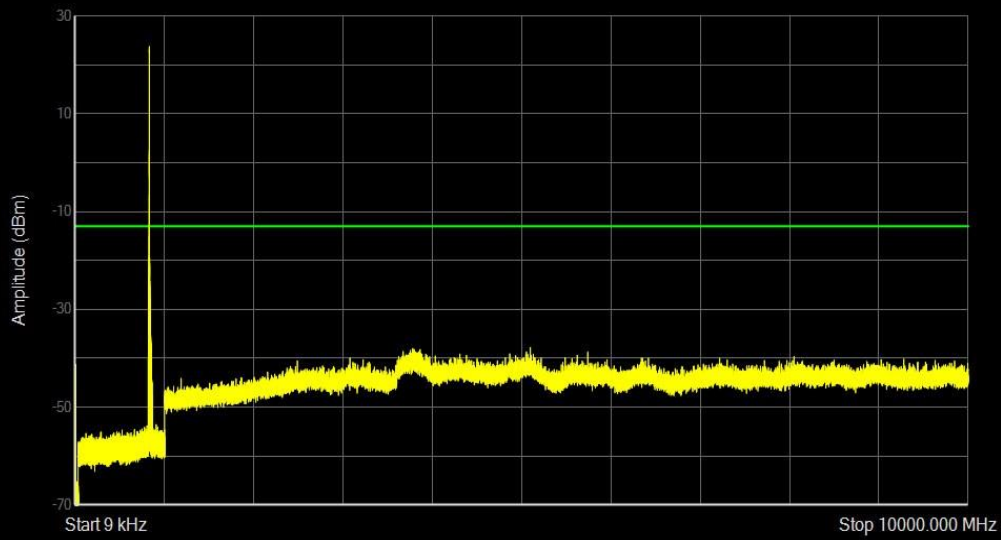
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012084375	-43.19	-13
2	0.15	30	10	0.1664175	-54.06	-13
3	30	1000	100	897.1315	-53.41	-13
4	1000	10000	1000	3811.15	-36.67	-13

n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=165300 RB=1@0



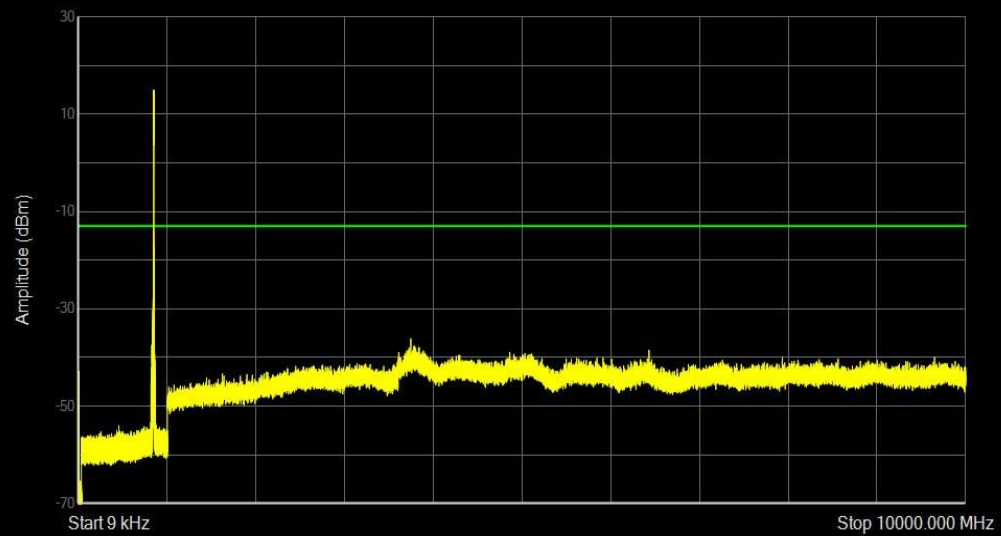
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010864725	-40.89	-13
2	0.15	30	10	0.15820875	-50.51	-13
3	30	1000	100	611.515	-53.48	-13
4	1000	10000	1000	3831.85	-36.92	-13

n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=165300 RB=1@24



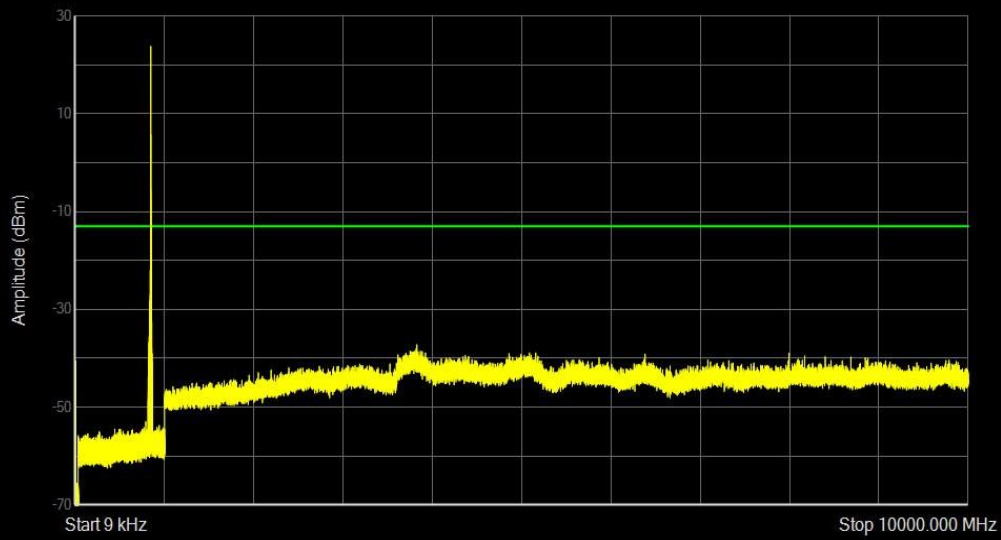
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010744875	-41.31	-13
2	0.15	30	10	0.152985	-53.6	-13
3	30	1000	100	904.6975	-53.55	-13
4	1000	10000	1000	5095.45	-37.79	-13

n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=25@0



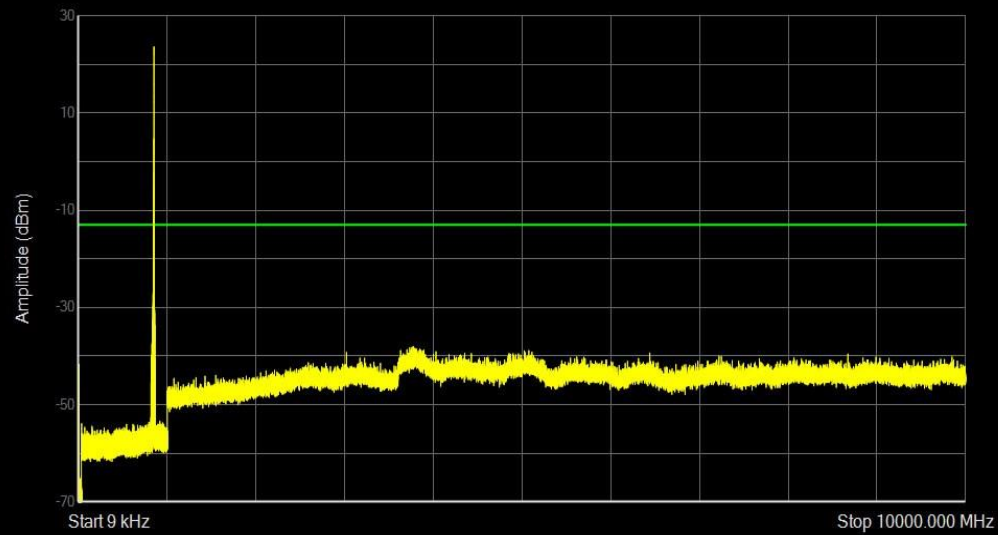
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-42.85	-13
2	0.15	30	10	0.15820875	-53.38	-13
3	30	1000	100	869.36525	-53.71	-13
4	1000	10000	1000	3744.55	-36.14	-13

n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=1@0



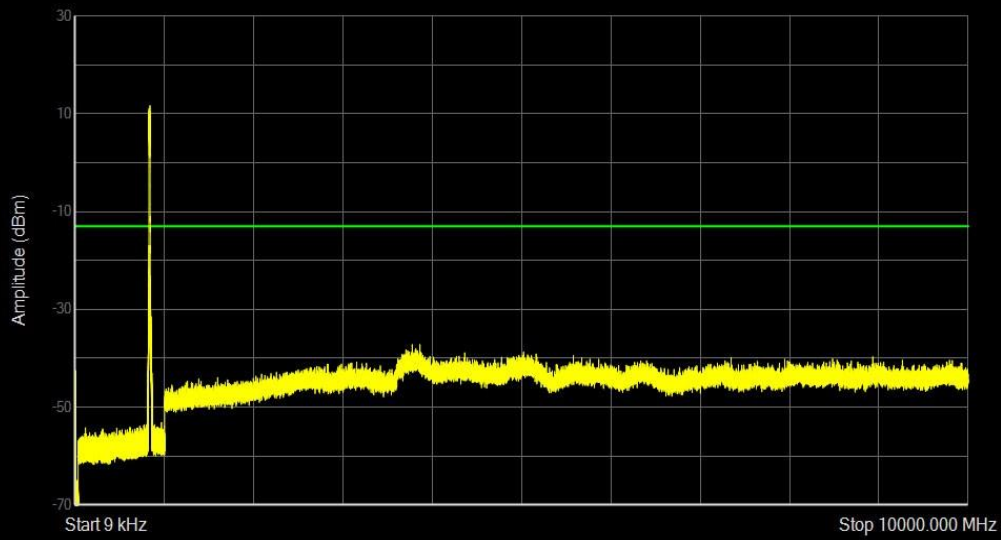
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009722625	-40.64	-13
2	0.15	30	10	0.1574625	-52.38	-13
3	30	1000	100	788.4915	-52.95	-13
4	1000	10000	1000	3824.425	-37.22	-13

n5 SCS=15kHz DFT_QPSK BW=5MHz Channel=169300 RB=1@24



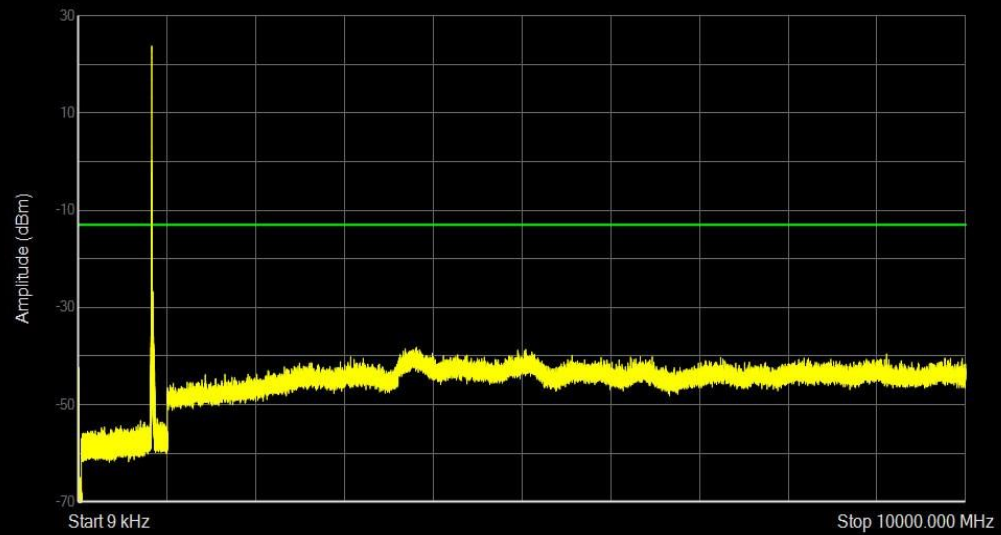
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0098883	-41.79	-13
2	0.15	30	10	0.1664175	-53.79	-13
3	30	1000	100	915.48875	-53.41	-13
4	1000	10000	1000	3772.45	-38.02	-13

n5 SCS=15kHz DFT QPSK BW=15MHz Channel=166300 RB=75@0



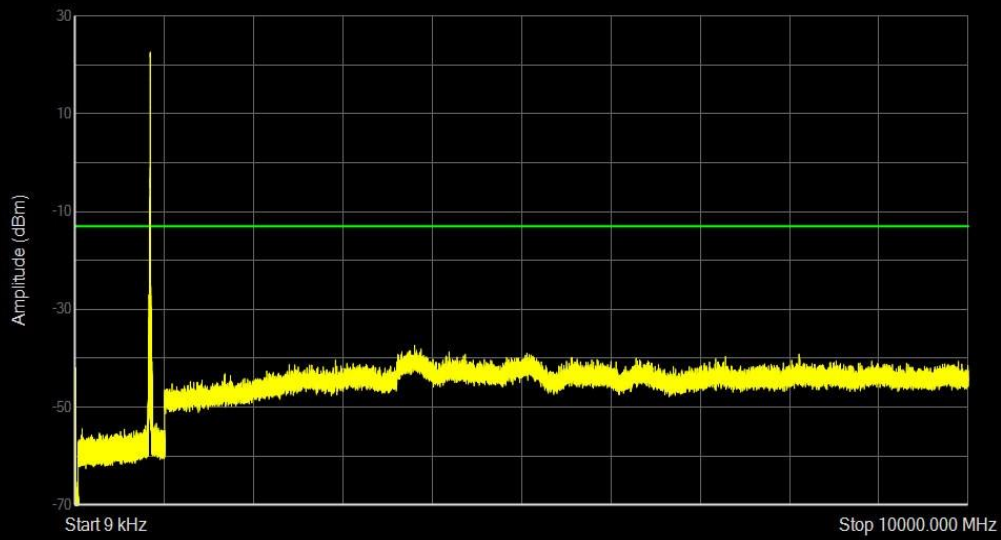
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-42.56	-13
2	0.15	30	10	0.16119375	-51.31	-13
3	30	1000	100	963.431	-53.14	-13
4	1000	10000	1000	3858.625	-37.21	-13

n5 SCS=15kHz DFT QPSK BW=15MHz Channel=166300 RB=1@0



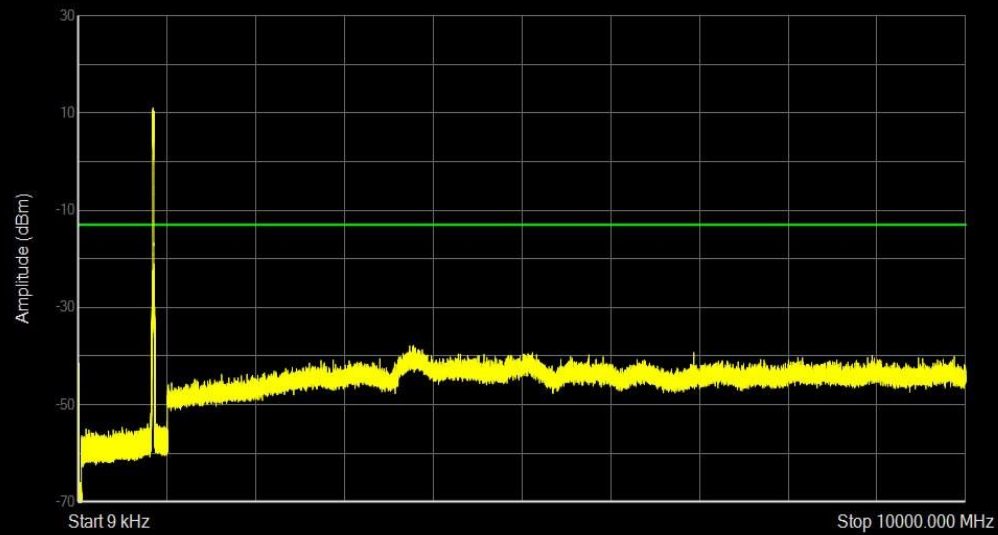
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009081075	-42.5	-13
2	0.15	30	10	0.15970125	-53.52	-13
3	30	1000	100	697.6995	-53.29	-13
4	1000	10000	1000	3807.325	-38.18	-13

n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=166300 RB=1@78



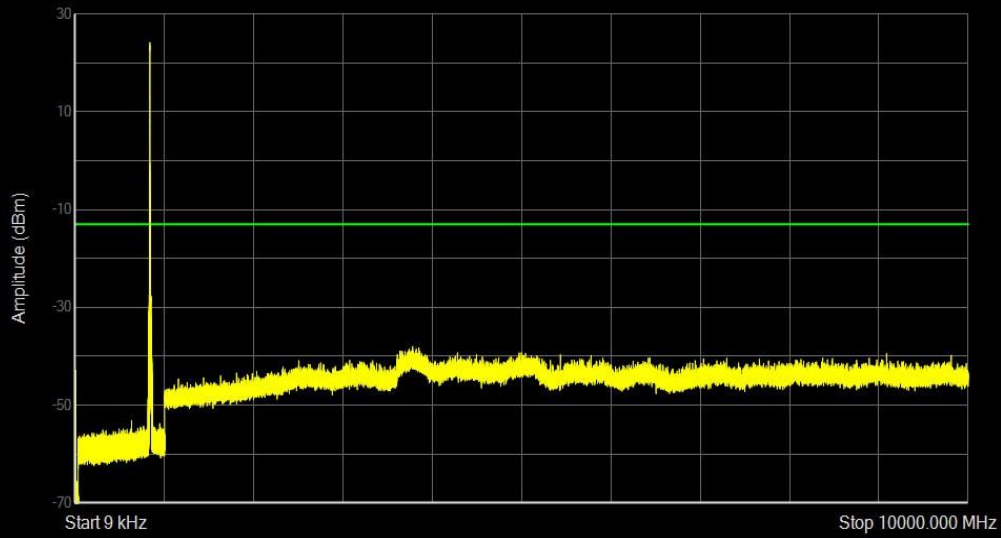
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0106779	-42.01	-13
2	0.15	30	10	0.15	-50.24	-13
3	30	1000	100	928.97175	-54.27	-13
4	1000	10000	1000	3799.9	-37.34	-13

n5 SCS=15kHz DFT_QPSK BW=15MHz Channel=168300 RB=75@0



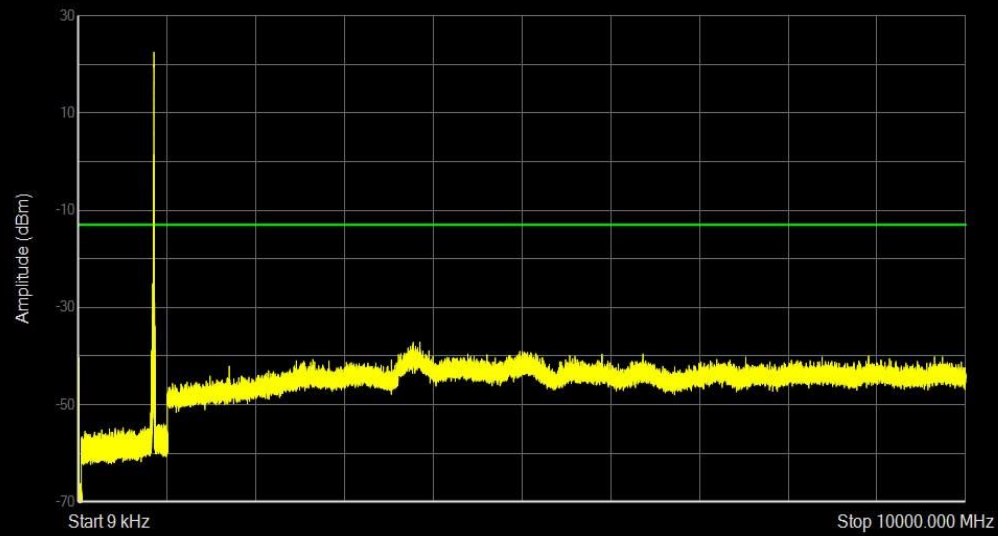
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012168975	-41.54	-13
2	0.15	30	10	0.1544775	-51.88	-13
3	30	1000	100	994.44675	-53.39	-13
4	1000	10000	1000	3774.25	-37.83	-13

n5 SCS=15kHz DFT QPSK BW=15MHz Channel=168300 RB=1@0



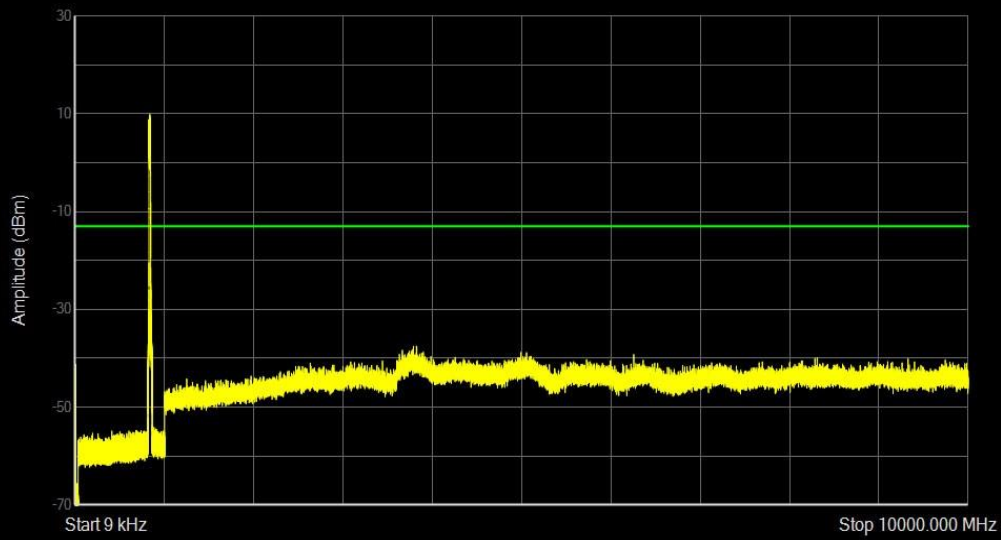
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01122075	-42.84	-13
2	0.15	30	10	0.15074625	-50.46	-13
3	30	1000	100	629.46	-53.17	-13
4	1000	10000	1000	3777.625	-38.02	-13

n5 SCS=15kHz DFT QPSK BW=15MHz Channel=168300 RB=1@78



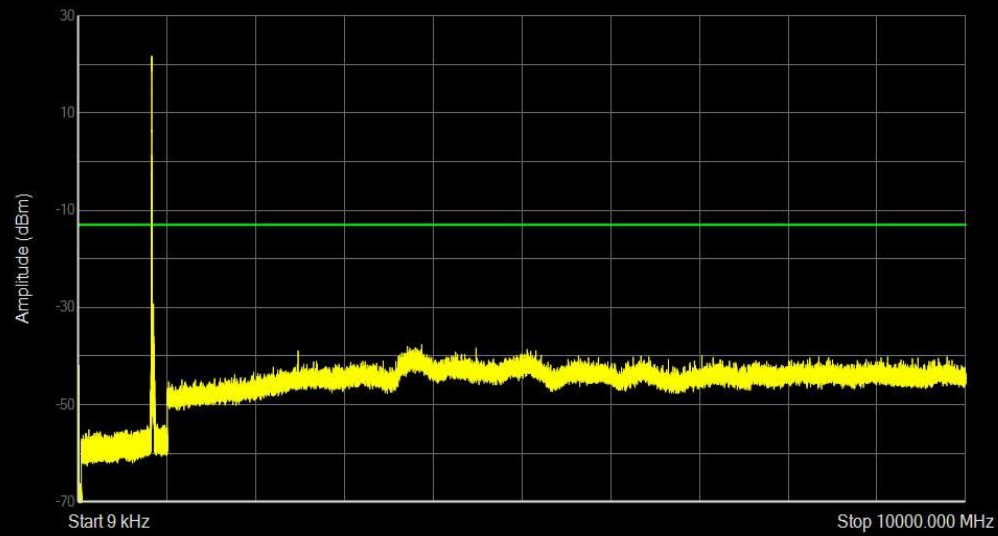
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009179775	-40.37	-13
2	0.15	30	10	0.17014875	-54.66	-13
3	30	1000	100	959.72075	-54.01	-13
4	1000	10000	1000	3847.375	-37.16	-13

n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=166800 RB=100@0



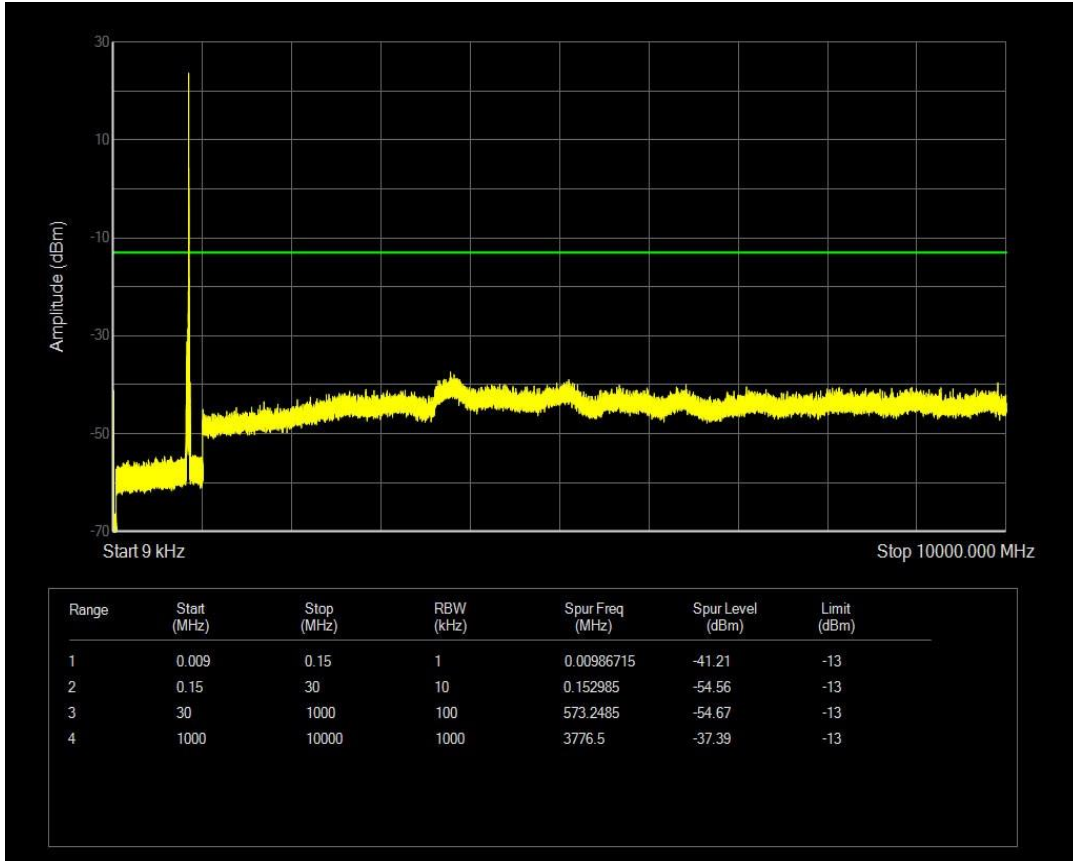
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009638025	-41.29	-13
2	0.15	30	10	0.15373125	-50.33	-13
3	30	1000	100	678.5905	-54.78	-13
4	1000	10000	1000	3820.6	-37.51	-13

n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@0

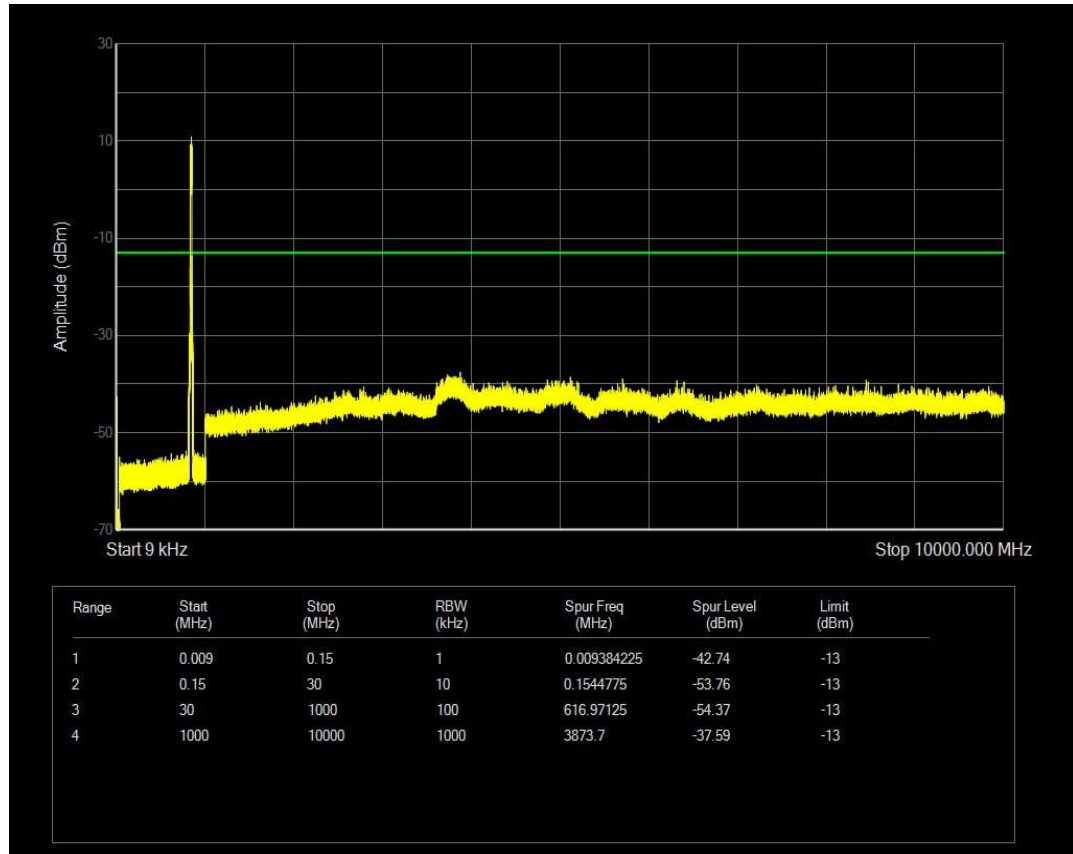


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0120738	-42.01	-13
2	0.15	30	10	0.15074625	-53.59	-13
3	30	1000	100	973.25225	-54.23	-13
4	1000	10000	1000	3868.075	-37.64	-13

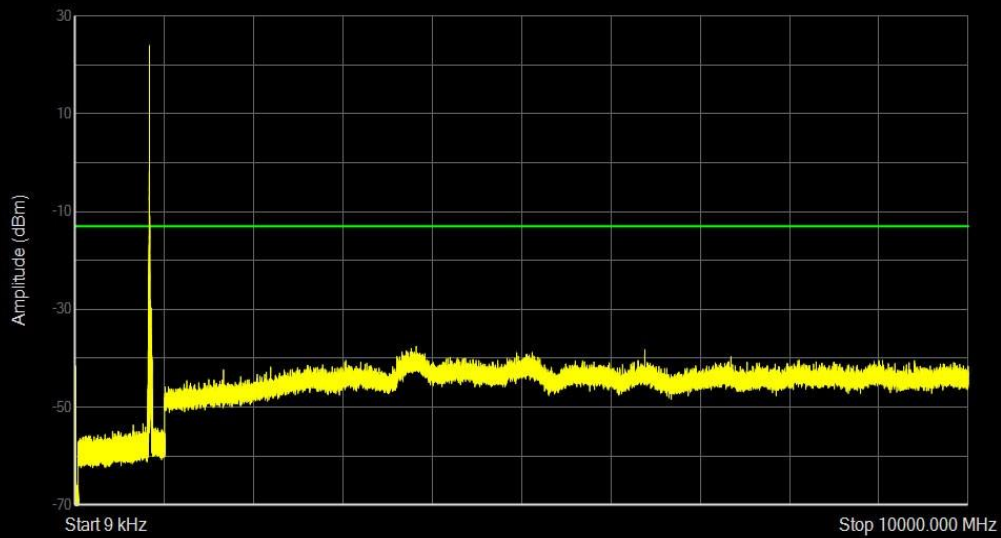
n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@105



n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=100@0

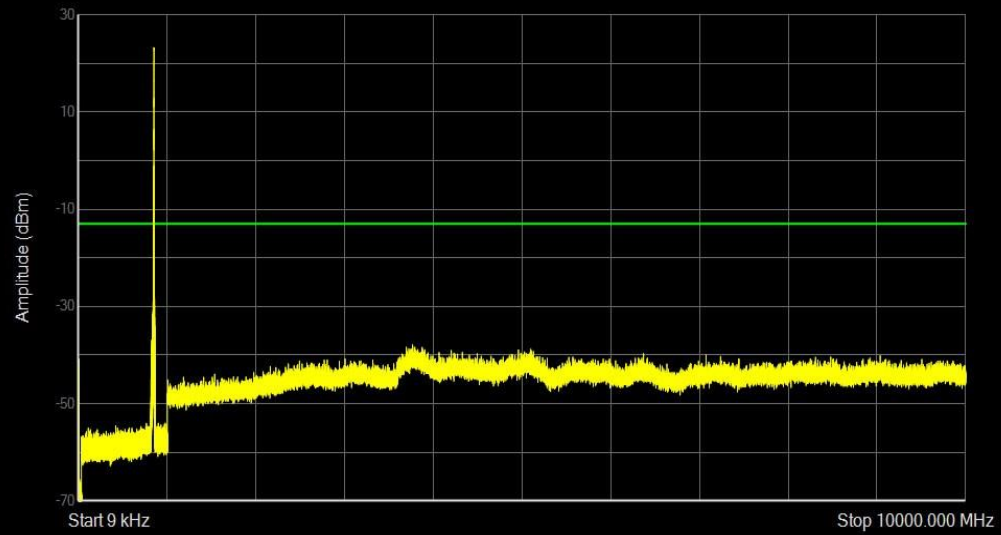


n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00968385	-41.64	-13
2	0.15	30	10	0.16791	-53.45	-13
3	30	1000	100	648.569	-53.7	-13
4	1000	10000	1000	3817.675	-37.58	-13

n5 SCS=15kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@105



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00993765	-40.92	-13
2	0.15	30	10	0.1544775	-52.03	-13
3	30	1000	100	975.5075	-54.01	-13
4	1000	10000	1000	3763.675	-37.89	-13

***** End of Report *****