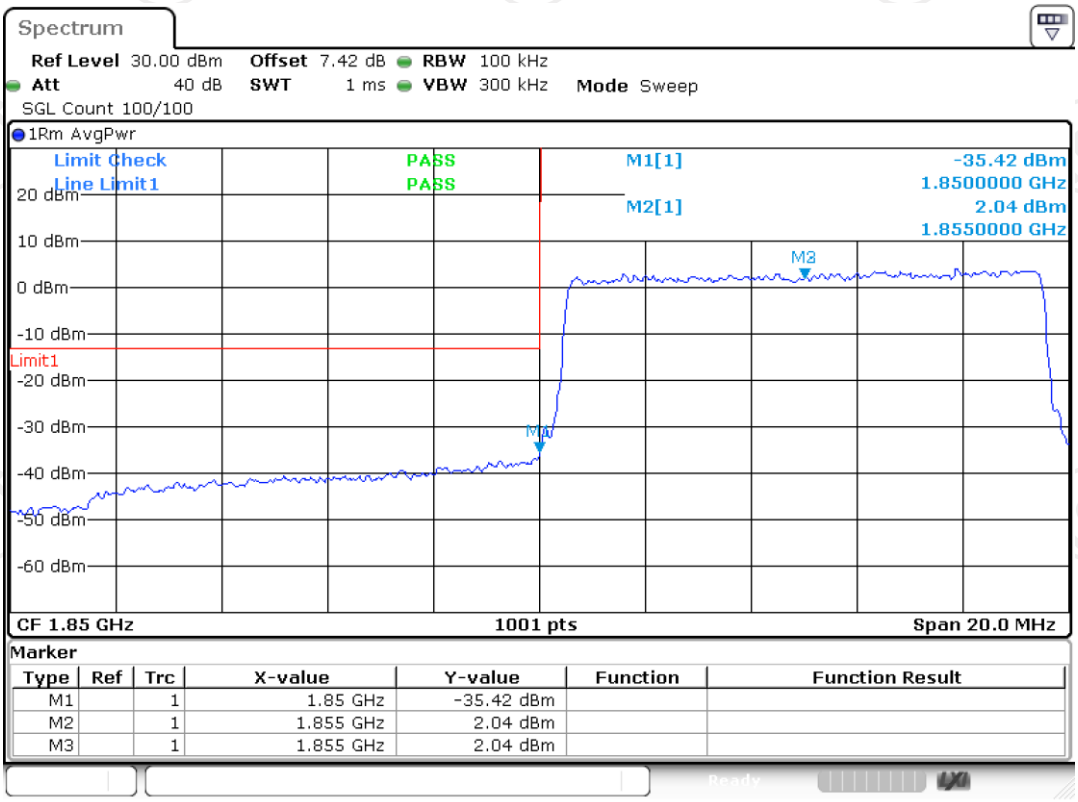
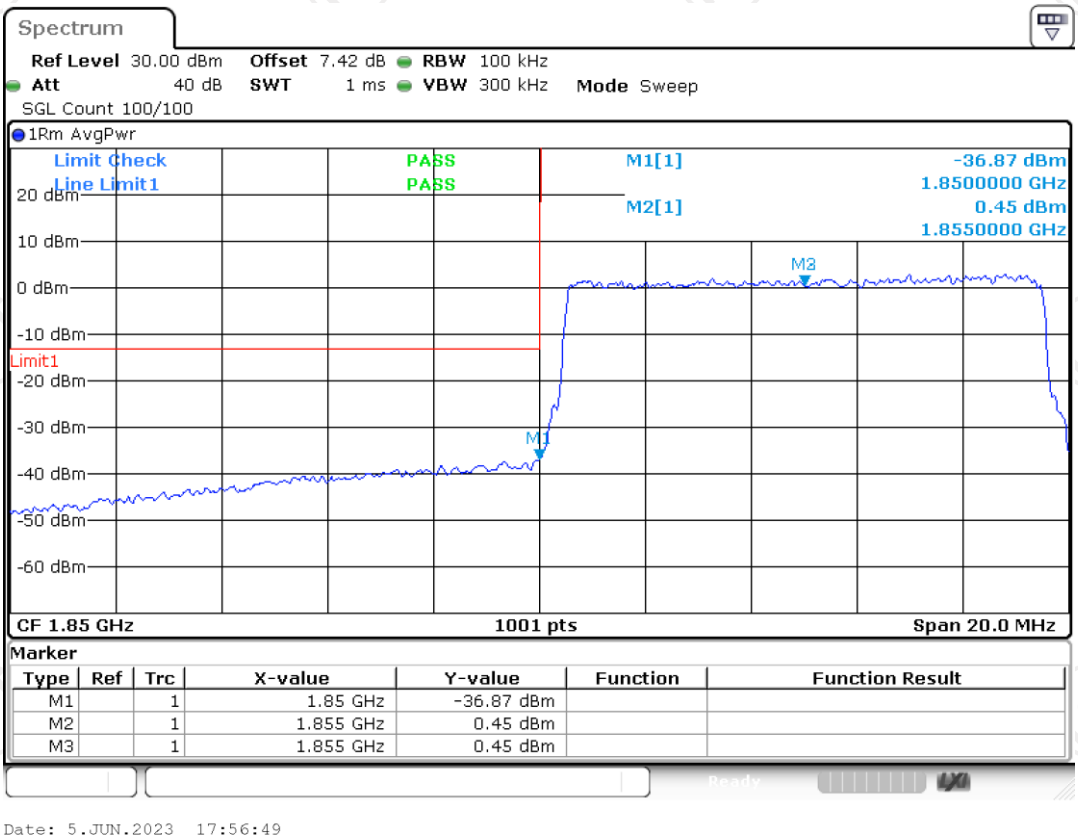
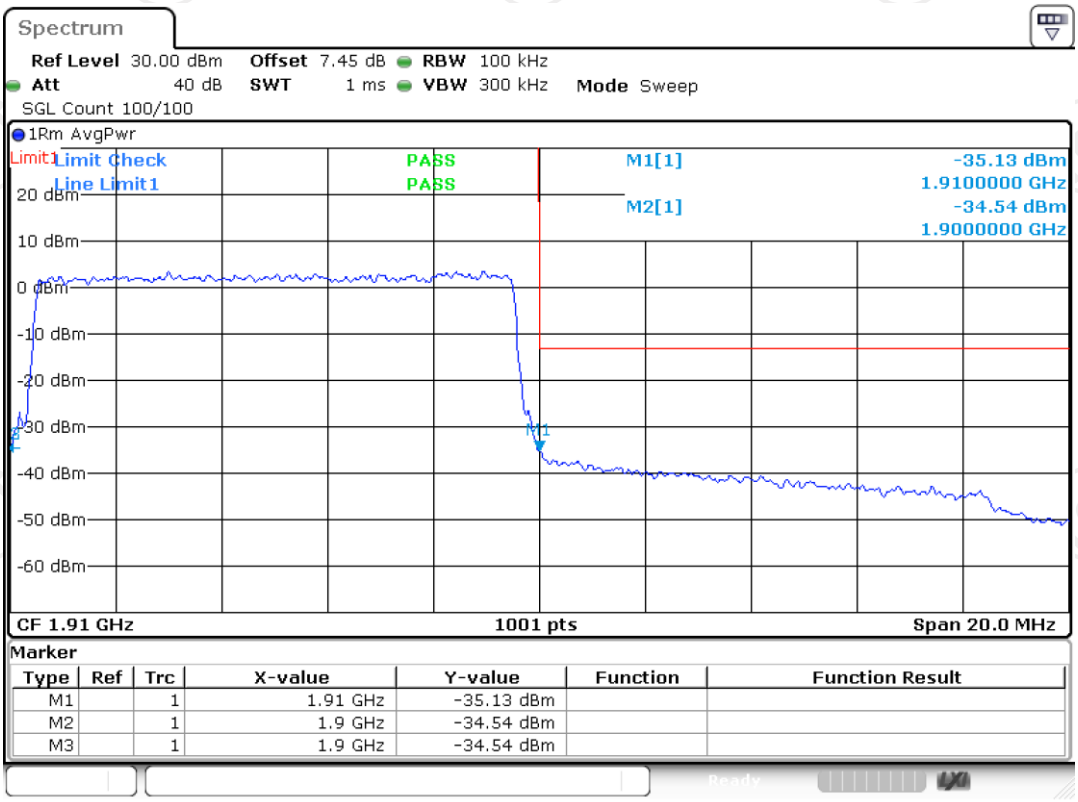
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



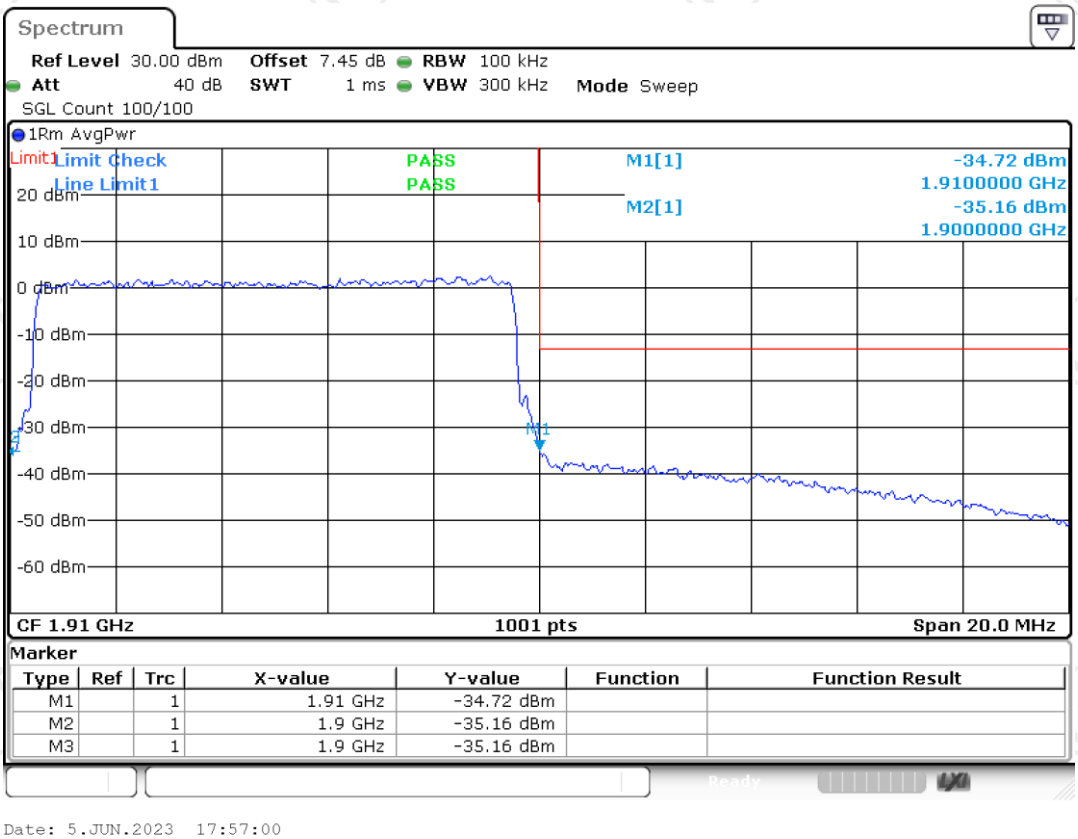
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



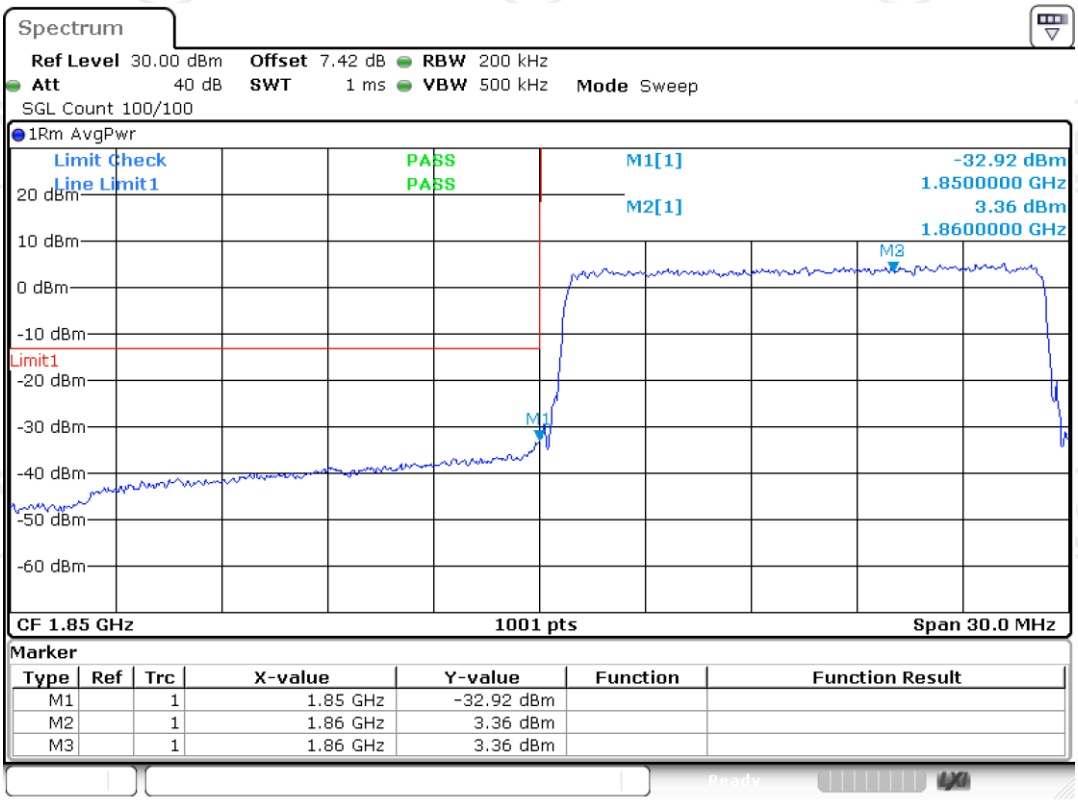
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0

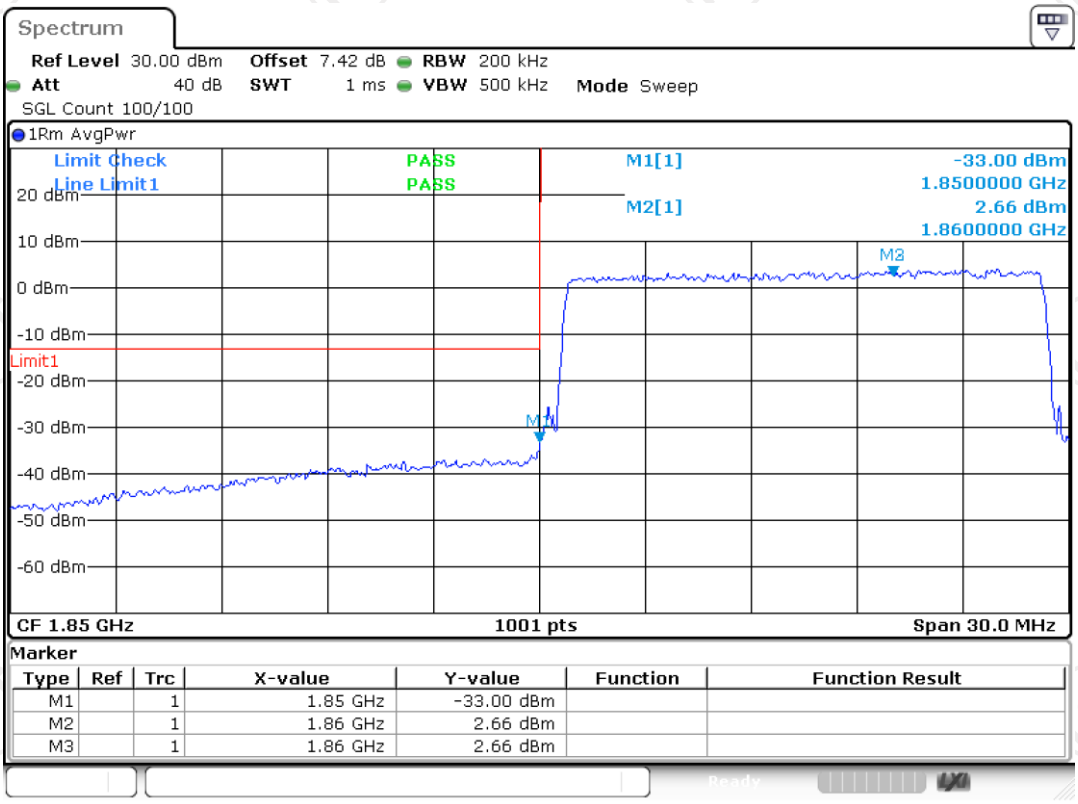


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



Date: 5.JUN.2023 17:57:06

Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



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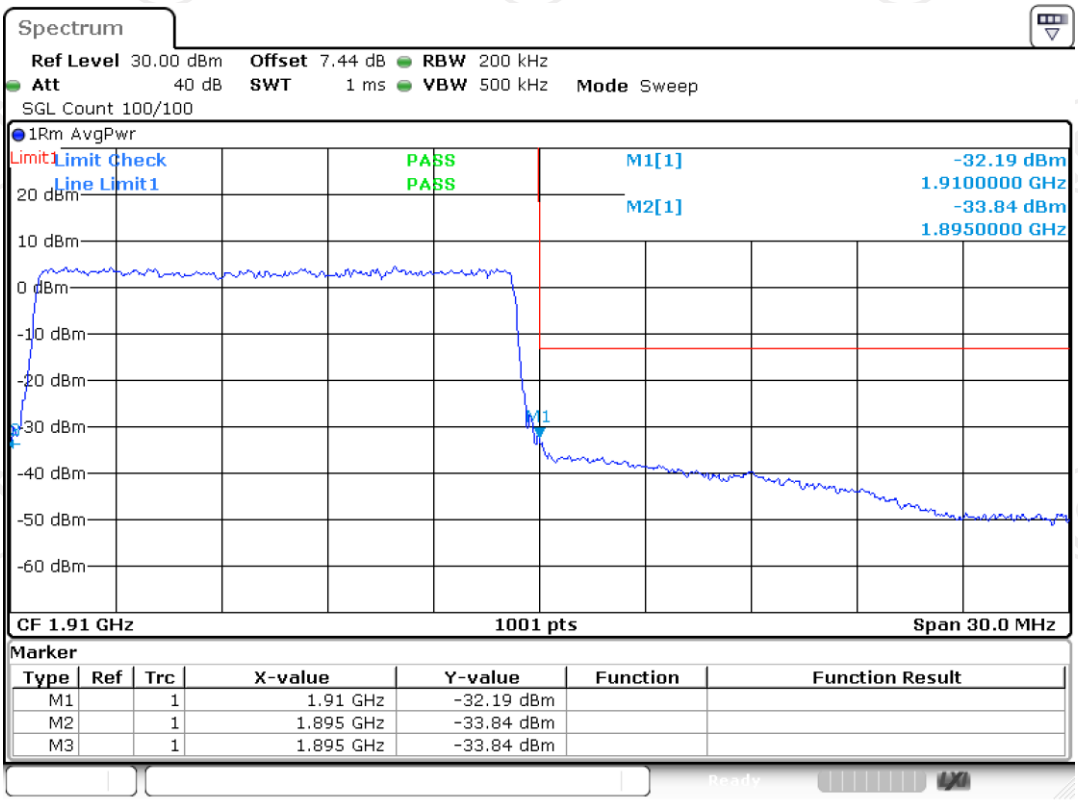
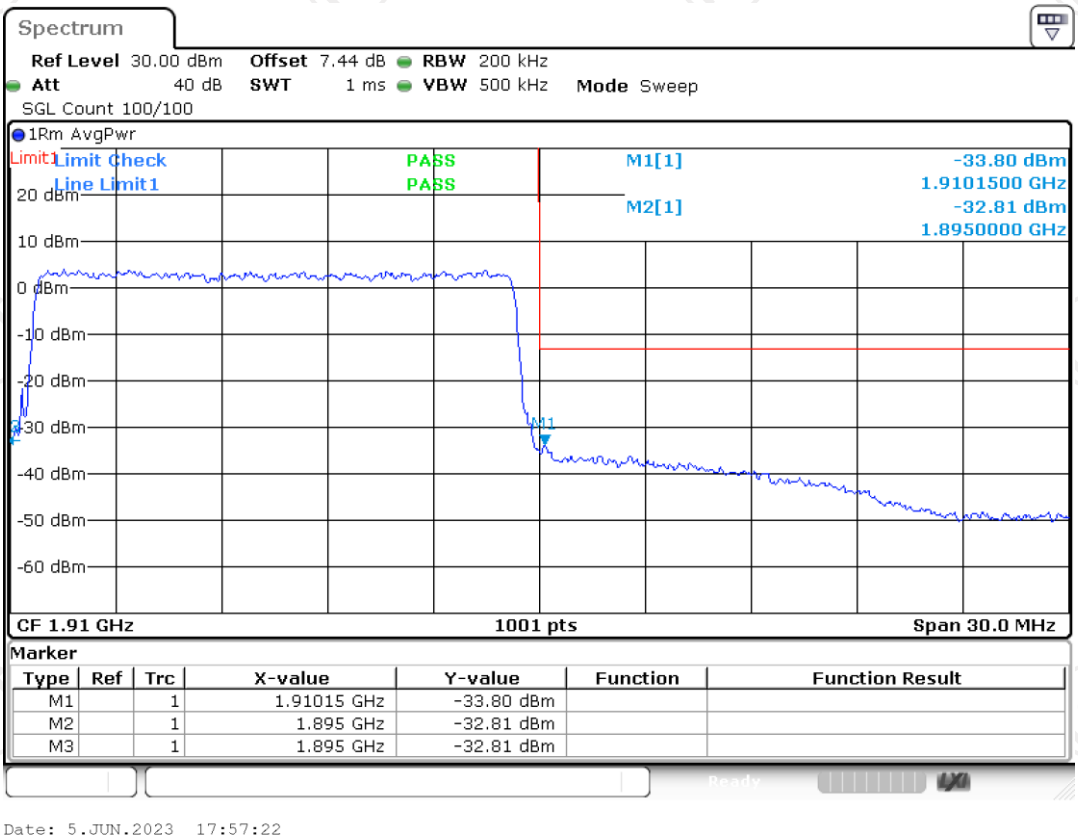
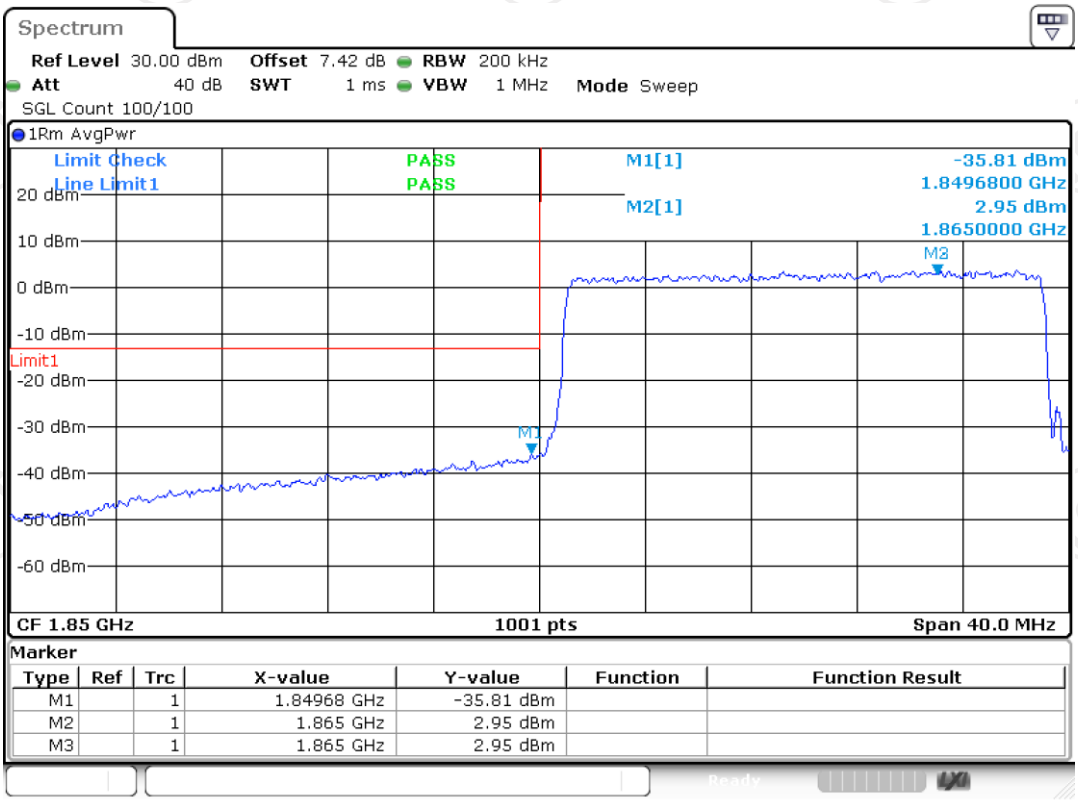
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



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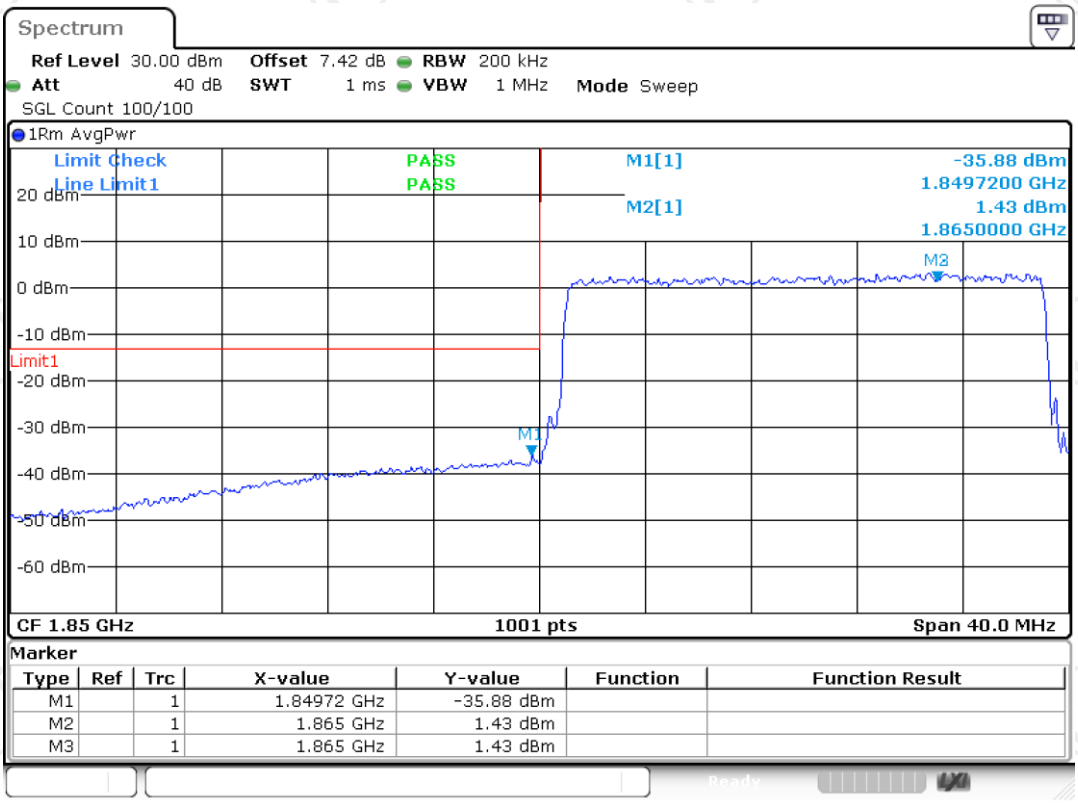
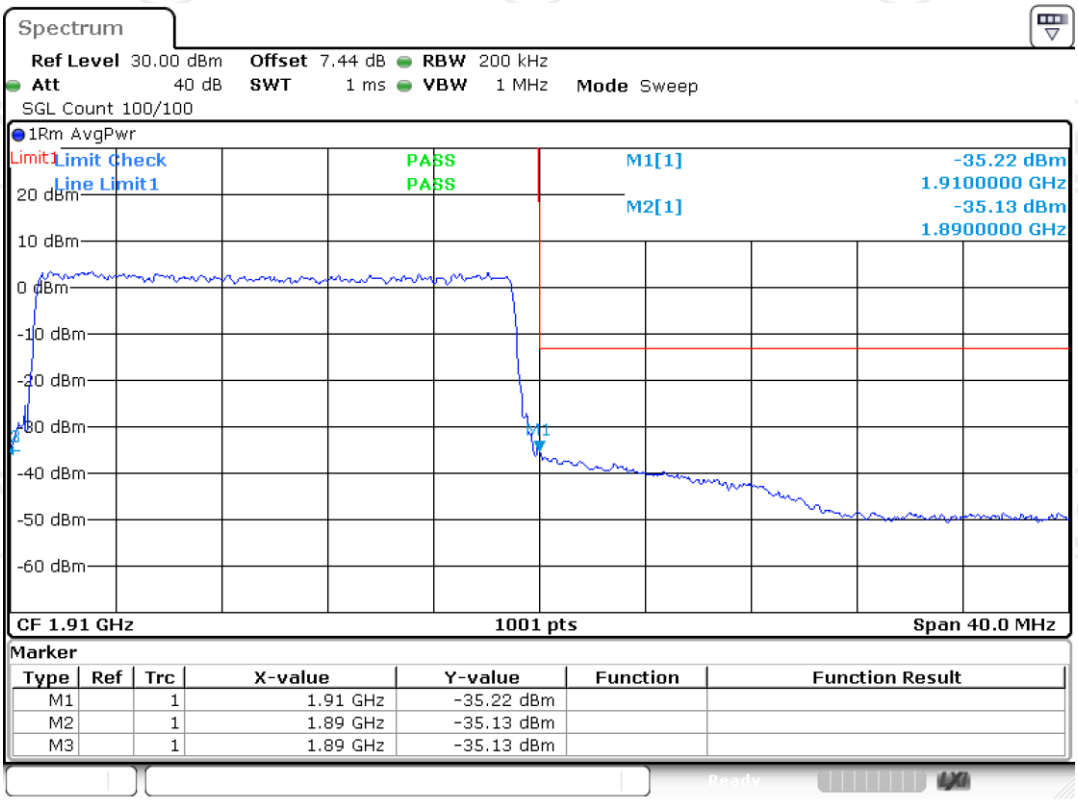
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0

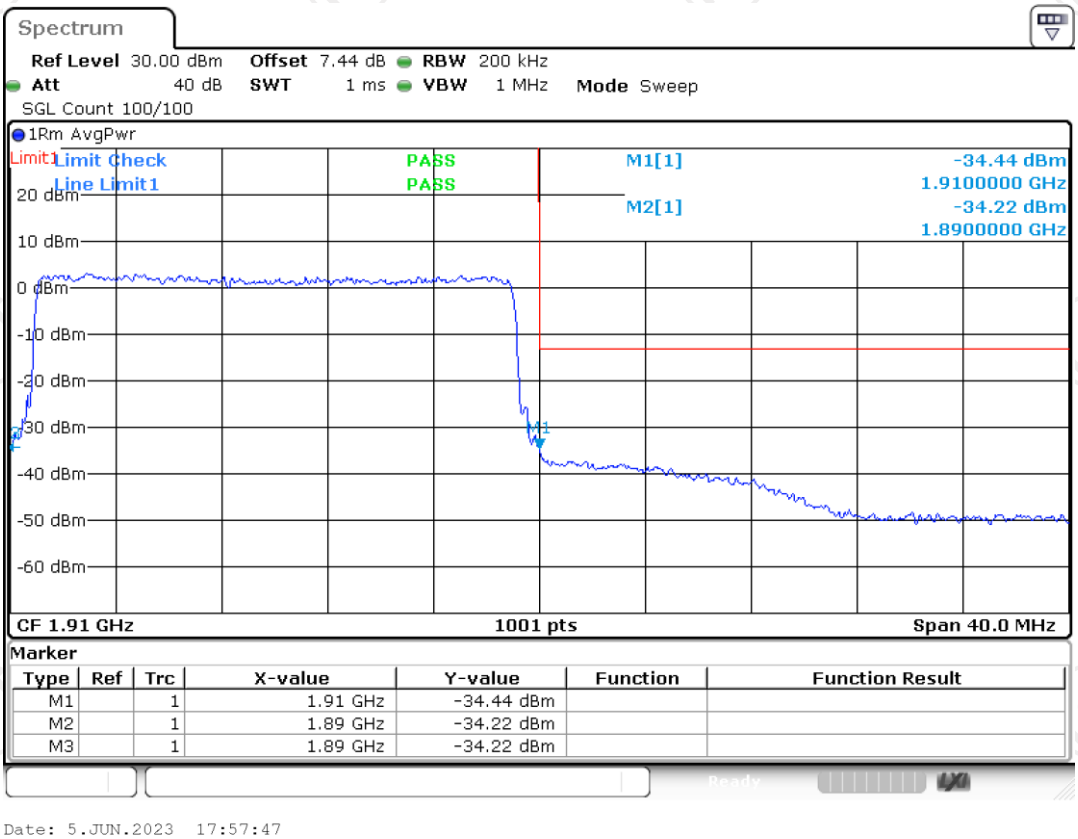


Date: 5.JUN.2023 17:57:35

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



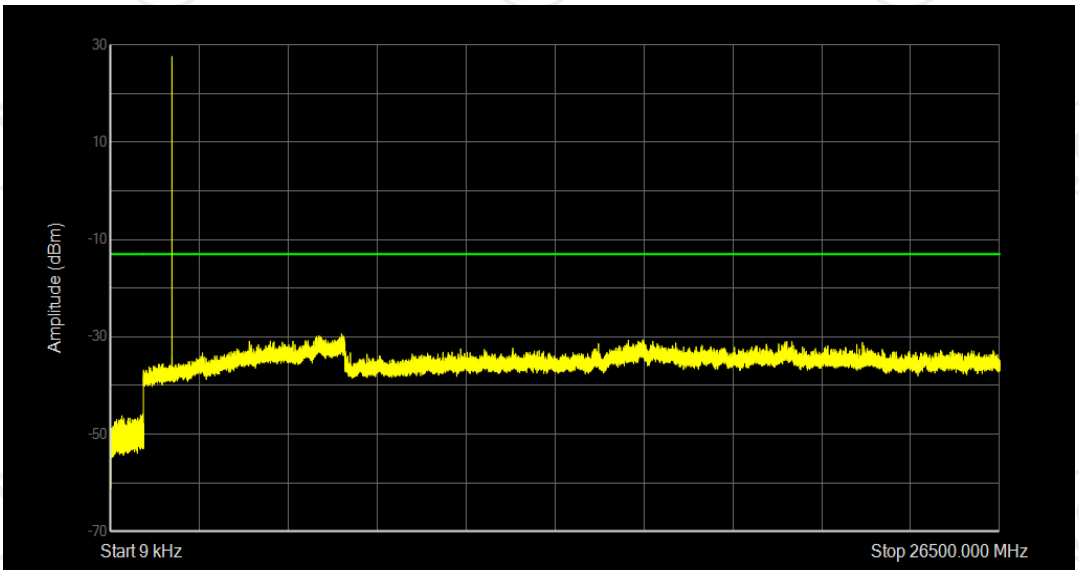
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



6 Out-of-band emissions

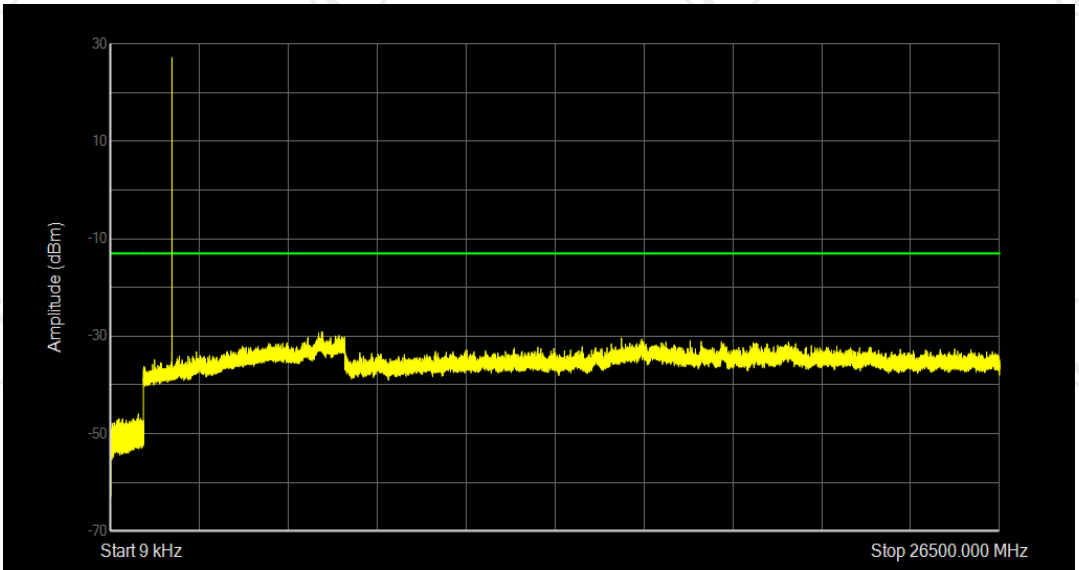
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	6900.70	-29.39	-13	PASS
Band2	1.4	18607	1	#0	16QAM	6308.25	-29.09	-13	PASS
Band2	1.4	18900	1	#0	QPSK	6764.70	-29.36	-13	PASS
Band2	1.4	18900	1	#0	16QAM	6859.05	-28.33	-13	PASS
Band2	1.4	19193	1	#0	QPSK	6882.85	-29.69	-13	PASS
Band2	1.4	19193	1	#0	16QAM	6887.95	-29.06	-13	PASS
Band2	3	18615	1	#0	QPSK	6319.30	-29.42	-13	PASS
Band2	3	18615	1	#0	16QAM	6255.55	-29.80	-13	PASS
Band2	3	18900	1	#0	QPSK	6191.80	-28.15	-13	PASS
Band2	3	18900	1	#0	16QAM	6294.65	-28.88	-13	PASS
Band2	3	19185	1	#0	QPSK	6815.70	-29.48	-13	PASS
Band2	3	19185	1	#0	16QAM	6323.55	-29.23	-13	PASS
Band2	5	18625	1	#0	QPSK	6921.10	-29.23	-13	PASS
Band2	5	18625	1	#0	16QAM	6294.65	-28.99	-13	PASS
Band2	5	18900	1	#0	QPSK	6568.35	-29.40	-13	PASS
Band2	5	18900	1	#0	16QAM	6174.80	-29.14	-13	PASS
Band2	5	19175	1	#0	QPSK	6256.40	-29.91	-13	PASS
Band2	5	19175	1	#0	16QAM	6177.35	-29.41	-13	PASS
Band2	10	18650	1	#0	QPSK	6283.60	-29.13	-13	PASS
Band2	10	18650	1	#0	16QAM	6316.75	-29.63	-13	PASS
Band2	10	18900	1	#0	QPSK	6190.10	-29.01	-13	PASS
Band2	10	18900	1	#0	16QAM	6257.25	-29.34	-13	PASS
Band2	10	19150	1	#0	QPSK	6832.70	-29.47	-13	PASS
Band2	10	19150	1	#0	16QAM	6853.10	-29.29	-13	PASS
Band2	15	18675	1	#0	QPSK	6887.10	-28.84	-13	PASS
Band2	15	18675	1	#0	16QAM	6307.40	-29.80	-13	PASS
Band2	15	18900	1	#0	QPSK	6495.25	-29.66	-13	PASS
Band2	15	18900	1	#0	16QAM	6847.15	-29.13	-13	PASS
Band2	15	19125	1	#0	QPSK	6903.25	-29.45	-13	PASS
Band2	15	19125	1	#0	16QAM	6274.25	-29.26	-13	PASS
Band2	20	18700	1	#0	QPSK	6860.75	-29.43	-13	PASS
Band2	20	18700	1	#0	16QAM	6856.50	-28.68	-13	PASS
Band2	20	18900	1	#0	QPSK	6264.90	-29.25	-13	PASS
Band2	20	18900	1	#0	16QAM	6977.20	-29.37	-13	PASS
Band2	20	19100	1	#0	QPSK	6891.35	-29.29	-13	PASS
Band2	20	19100	1	#0	16QAM	6284.45	-28.96	-13	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



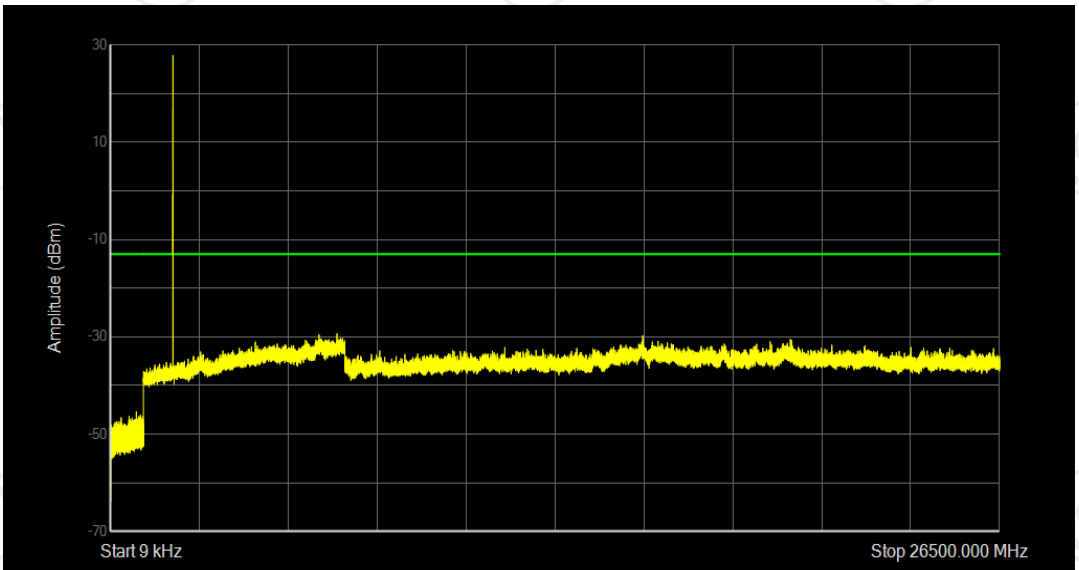
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0220237	-60.7	-13
2	0.15	30	10	0.15	-56.46	-13
3	30	1000	100	974.844666666667	-45.88	-13
4	1000	26500	1000	6900.7	-29.39	-13

Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



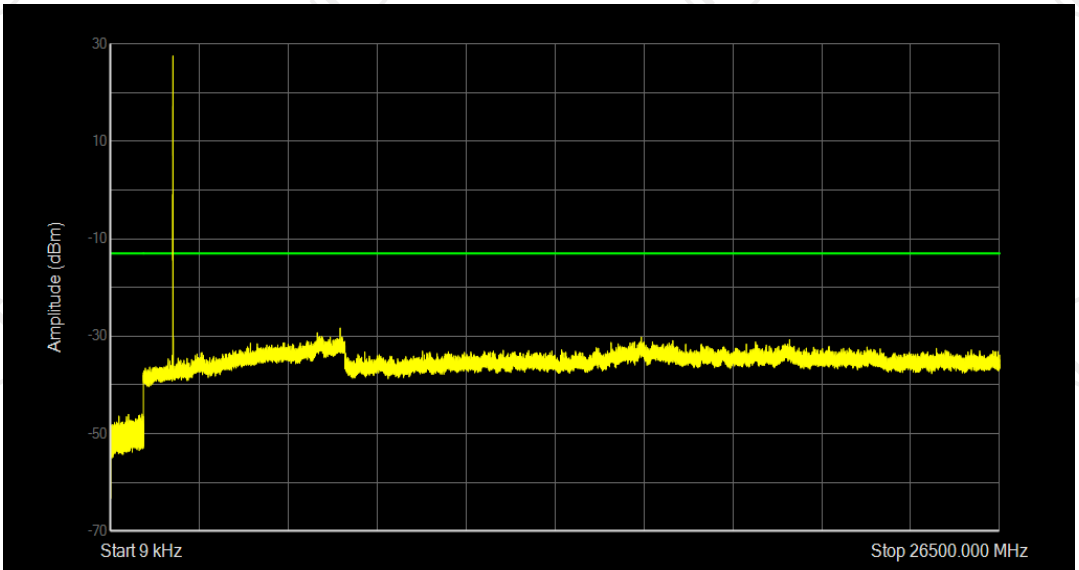
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0162709	-59.11	-13
2	0.15	30	10	0.15796	-55.66	-13
3	30	1000	100	847.839333333333	-45.96	-13
4	1000	26500	1000	6308.25	-29.09	-13

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



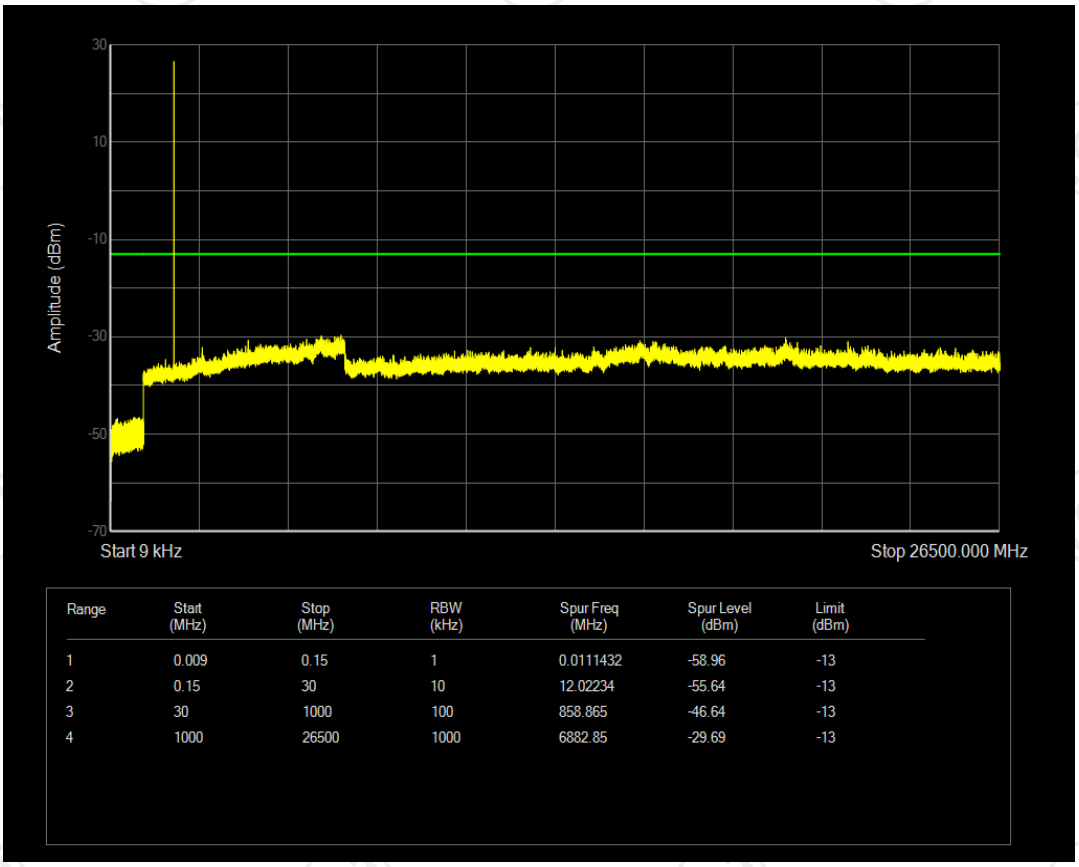
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0151288	-60.09	-13
2	0.15	30	10	0.166915	-55.15	-13
3	30	1000	100	789.445333333333	-45.41	-13
4	1000	26500	1000	6764.7	-29.36	-13

Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



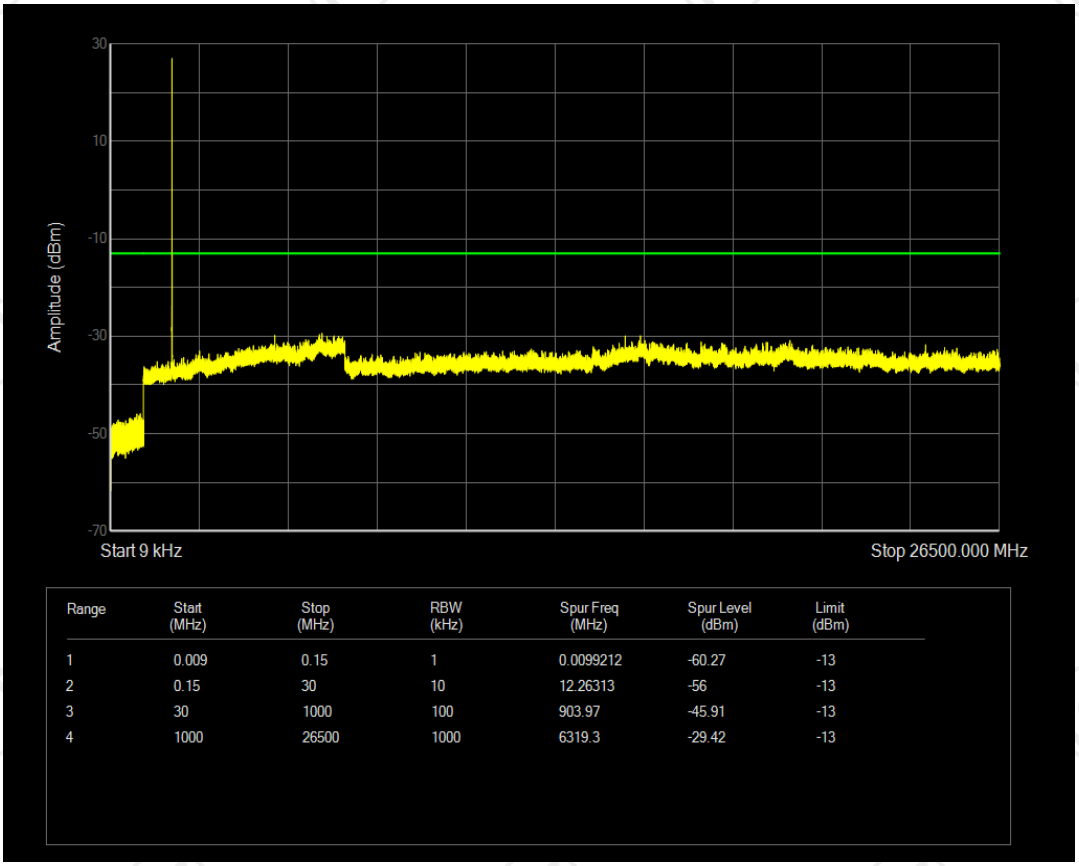
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0130514	-58.8	-13
2	0.15	30	10	12.152685	-55.25	-13
3	30	1000	100	958.29	-45.99	-13
4	1000	26500	1000	6859.05	-28.33	-13

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



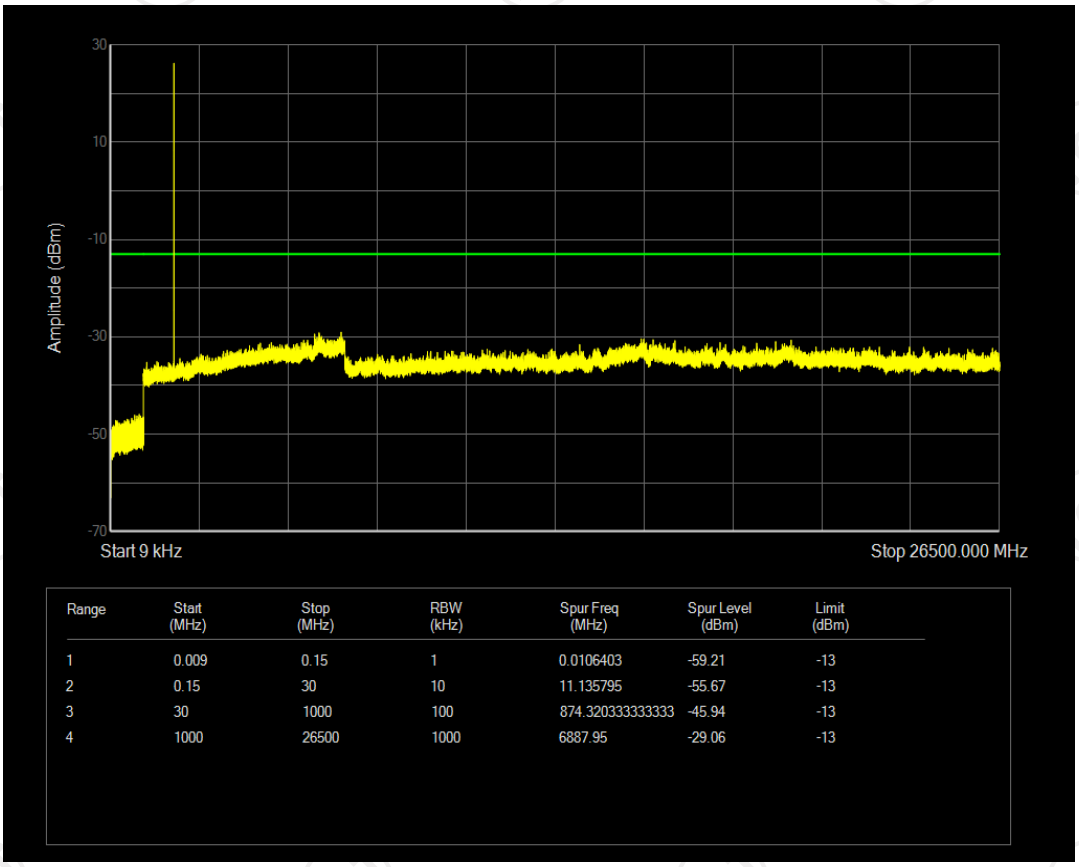
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0111432	-58.96	-13
2	0.15	30	10	12.02234	-55.64	-13
3	30	1000	100	858.865	-46.64	-13
4	1000	26500	1000	6882.85	-29.69	-13

Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



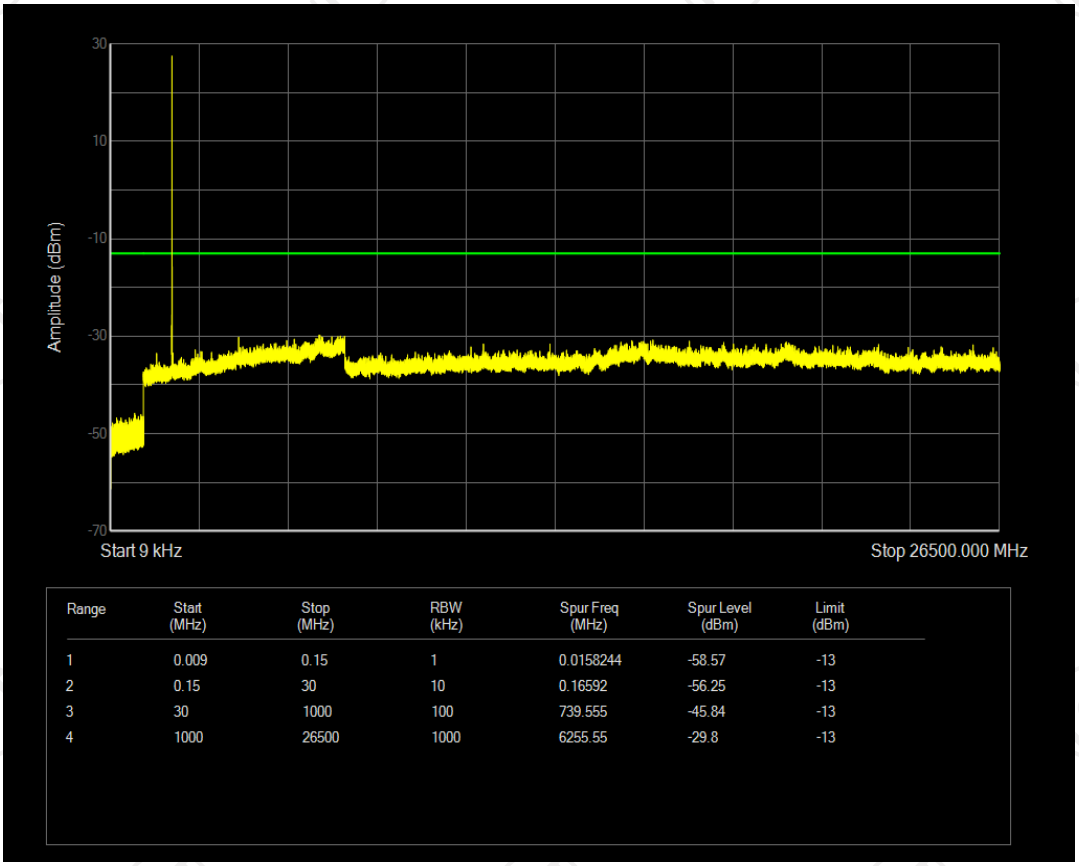
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099212	-60.27	-13
2	0.15	30	10	12.26313	-56	-13
3	30	1000	100	903.97	-45.91	-13
4	1000	26500	1000	6319.3	-29.42	-13

Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



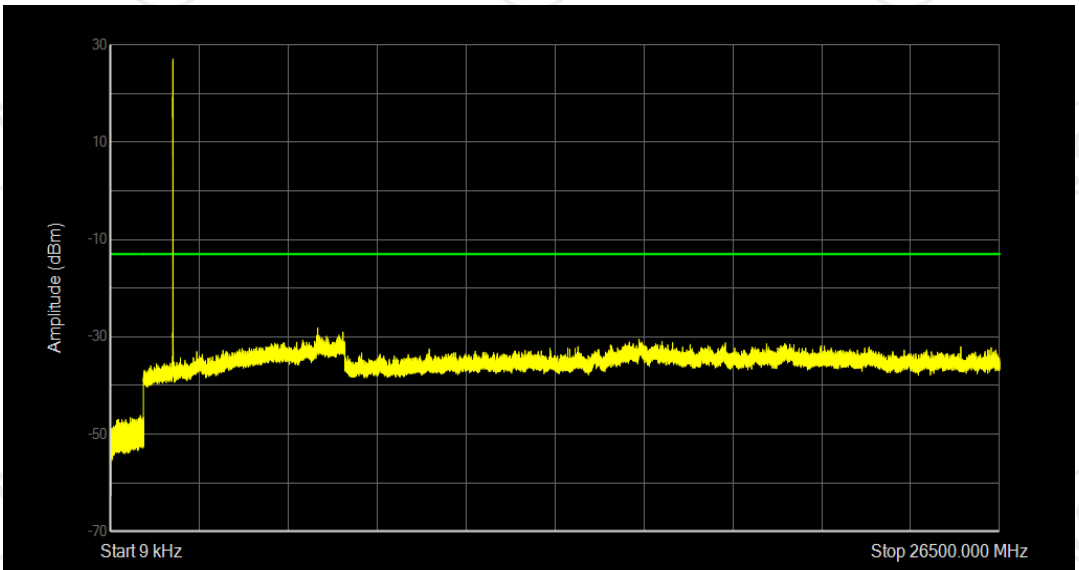
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0106403	-59.21	-13
2	0.15	30	10	11.135795	-55.67	-13
3	30	1000	100	874.320333333333	-45.94	-13
4	1000	26500	1000	6887.95	-29.06	-13

Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



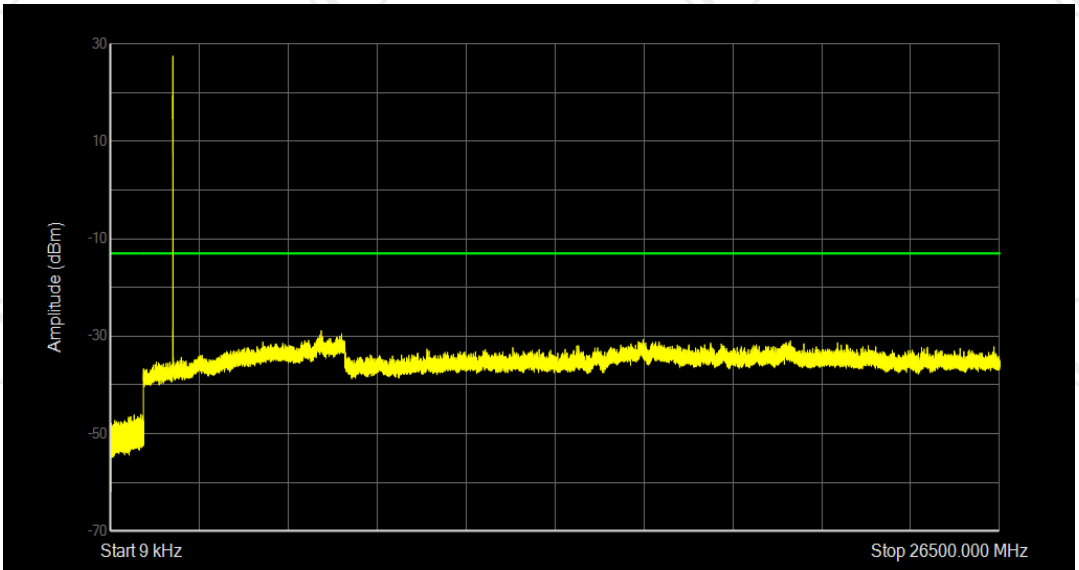
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0158244	-58.57	-13
2	0.15	30	10	0.16592	-56.25	-13
3	30	1000	100	739.555	-45.84	-13
4	1000	26500	1000	6255.55	-29.8	-13

Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



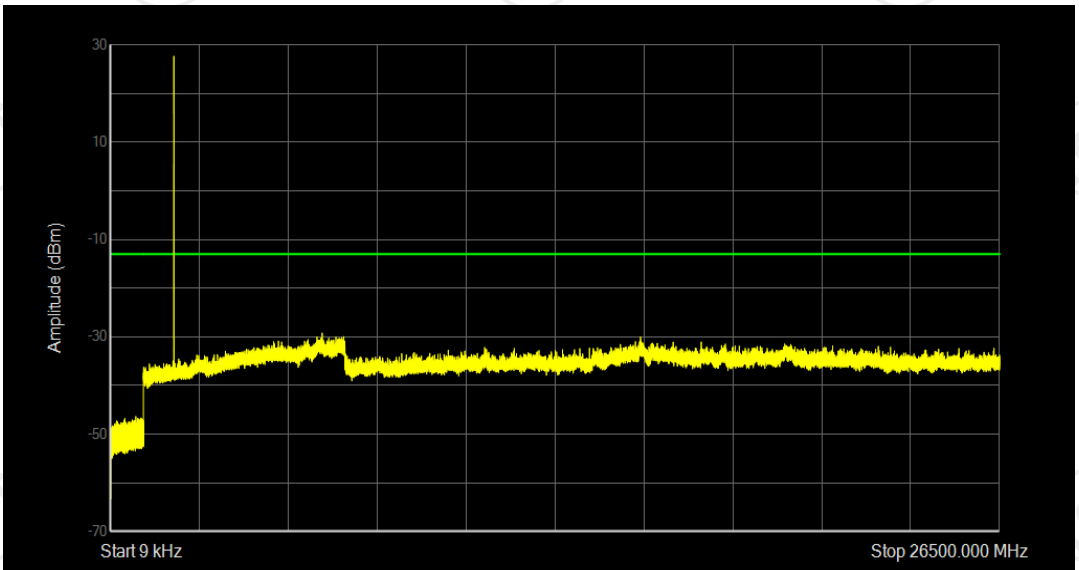
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0376653	-60.58	-13
2	0.15	30	10	12.204425	-55.13	-13
3	30	1000	100	908.205666666667	-46.17	-13
4	1000	26500	1000	6191.8	-28.15	-13

Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



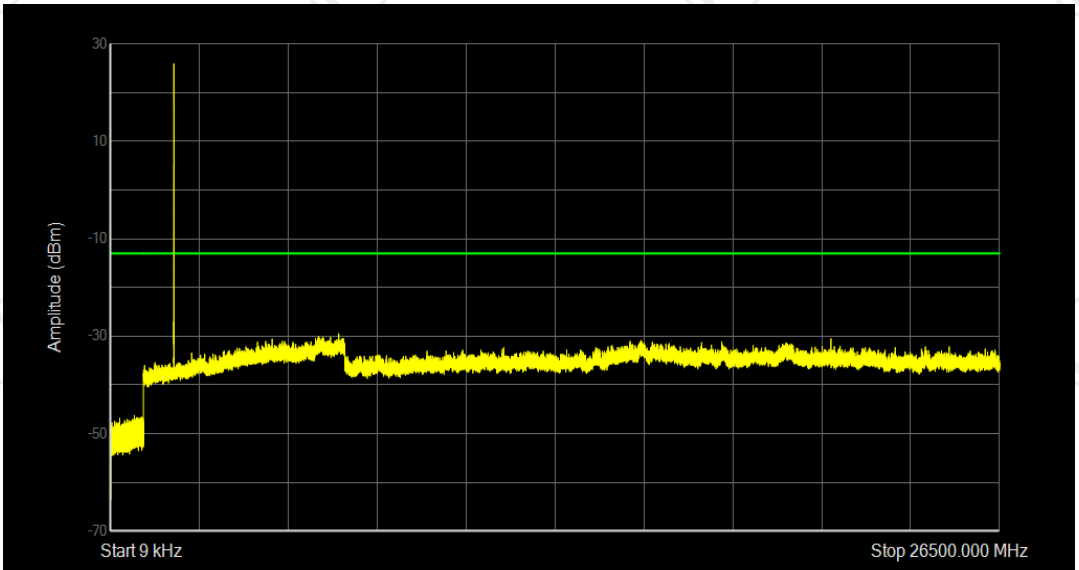
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0135449	-59.32	-13
2	0.15	30	10	0.154975	-55.49	-13
3	30	1000	100	925.083666666667	-46.02	-13
4	1000	26500	1000	6294.65	-28.88	-13

Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



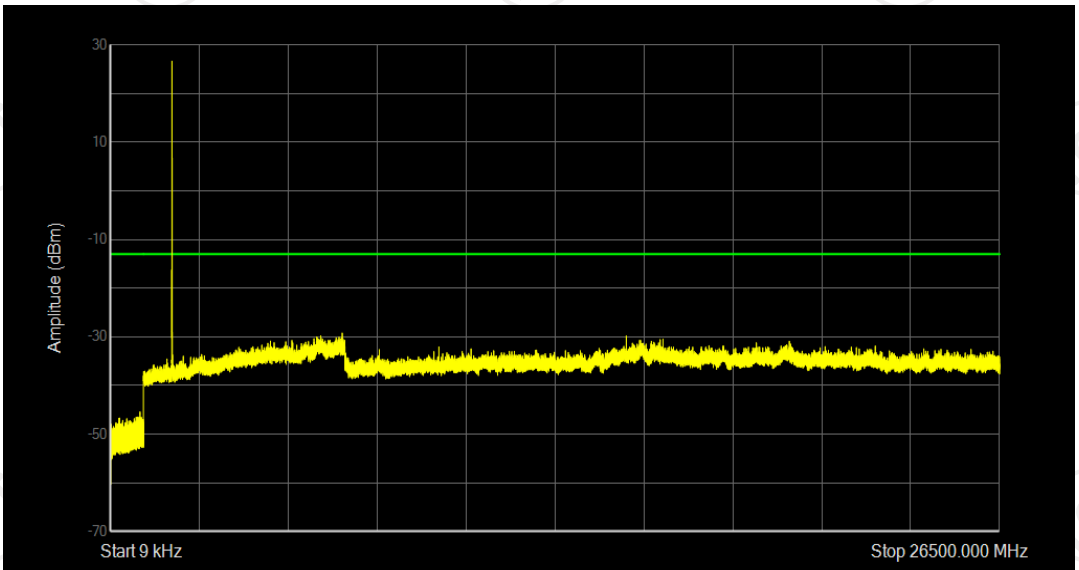
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107061	-57.85	-13
2	0.15	30	10	0.15199	-53.69	-13
3	30	1000	100	773.117	-46.38	-13
4	1000	26500	1000	6323.55	-29.23	-13

Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



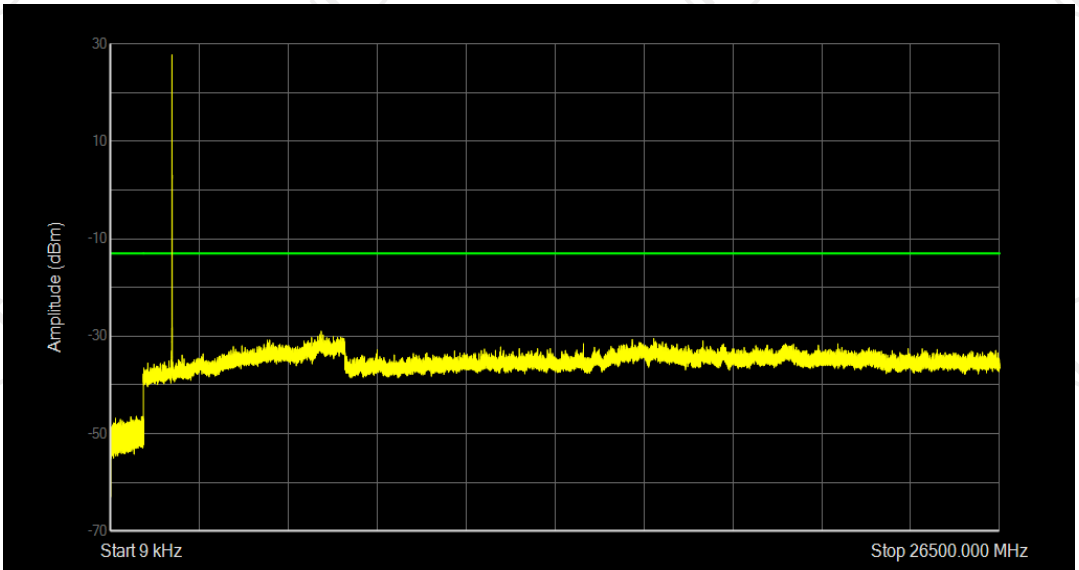
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-60.28	-13
2	0.15	30	10	12.21139	-55.58	-13
3	30	1000	100	730.857333333333	-46.32	-13
4	1000	26500	1000	6815.7	-29.48	-13

Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



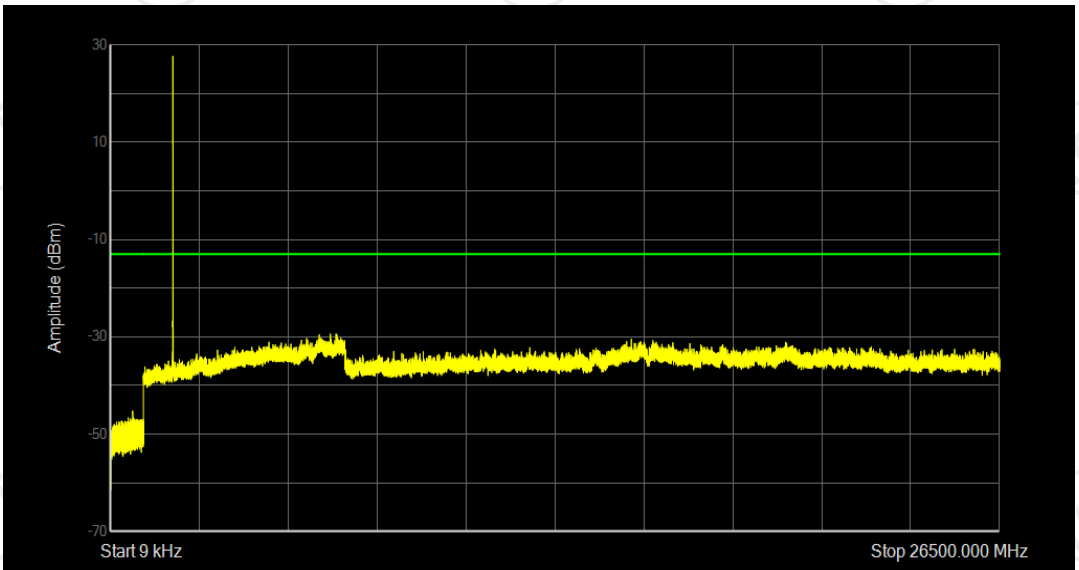
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0141089	-59.32	-13
2	0.15	30	10	11.296985	-55.75	-13
3	30	1000	100	896.792	-45.43	-13
4	1000	26500	1000	6921.1	-29.23	-13

Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



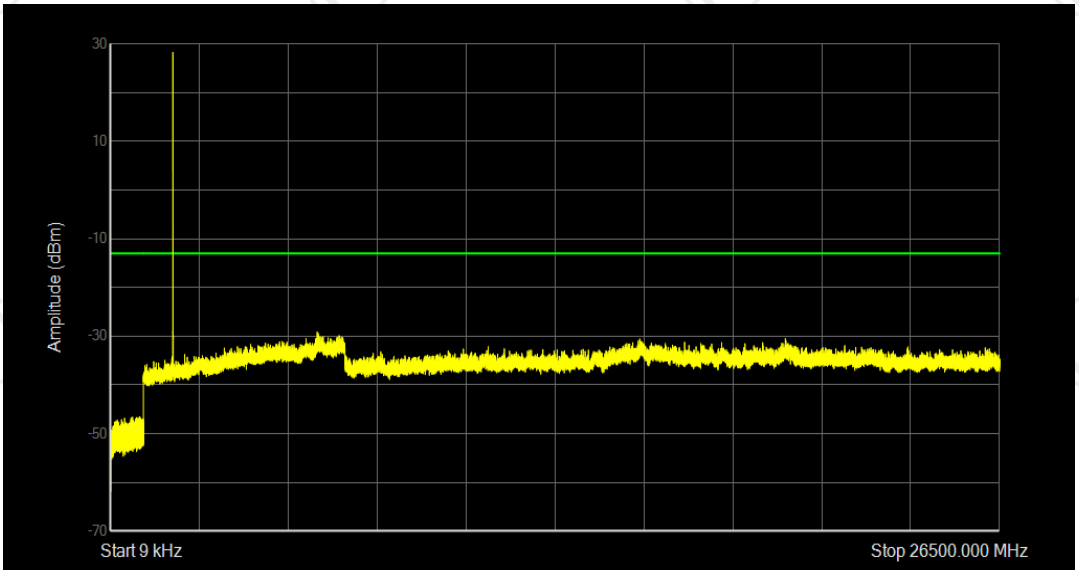
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0142217	-59.92	-13
2	0.15	30	10	12.43825	-56	-13
3	30	1000	100	790.253666666667	-46.44	-13
4	1000	26500	1000	6294.65	-28.99	-13

Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



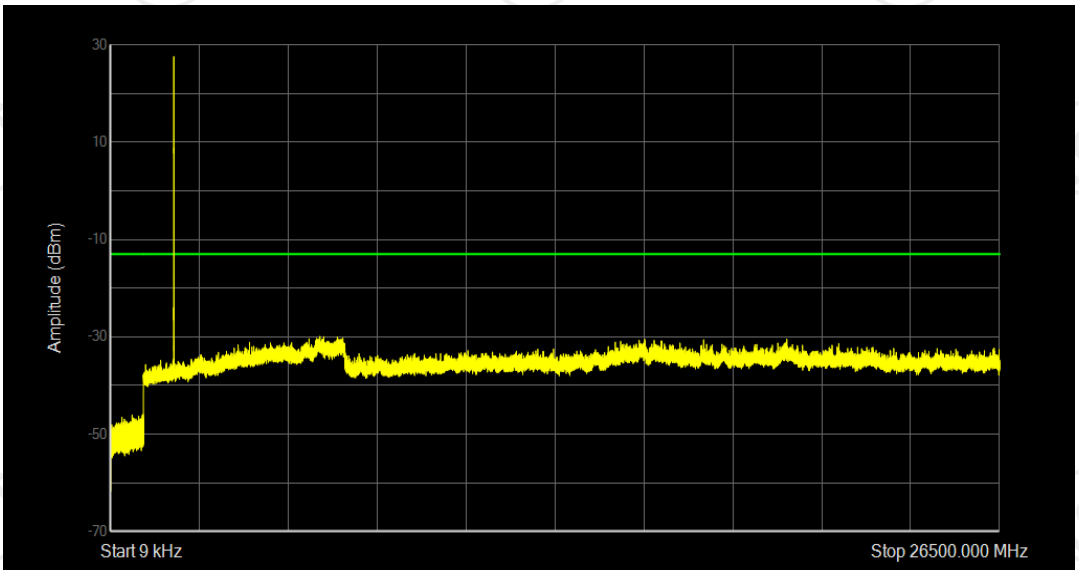
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107484	-59.82	-13
2	0.15	30	10	0.15	-55.83	-13
3	30	1000	100	677.863	-45.24	-13
4	1000	26500	1000	6568.35	-29.4	-13

Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



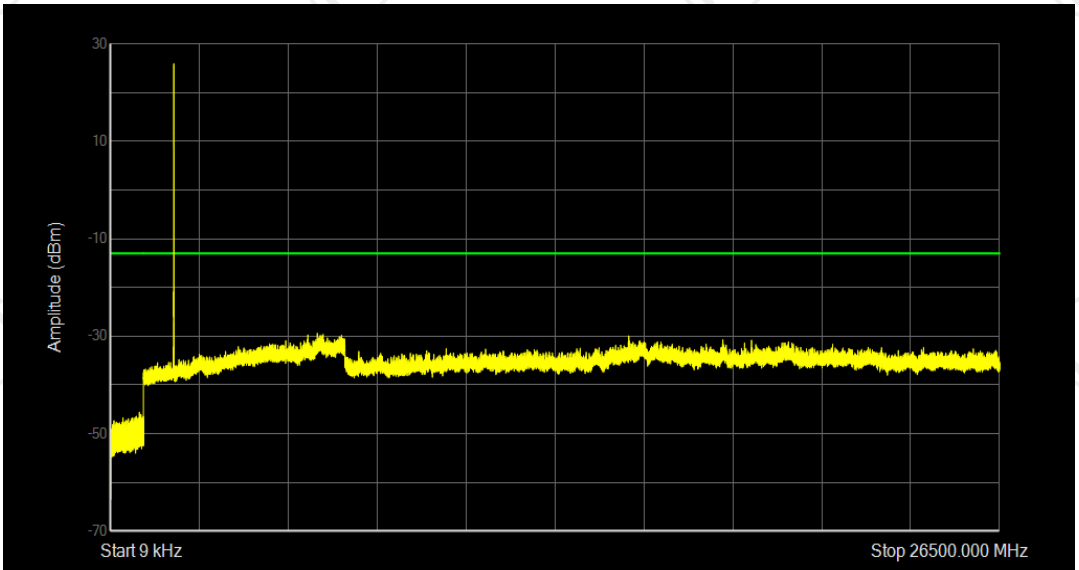
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0116132	-59.71	-13
2	0.15	30	10	11.65021	-55.68	-13
3	30	1000	100	879.235	-46.6	-13
4	1000	26500	1000	6174.8	-29.14	-13

Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



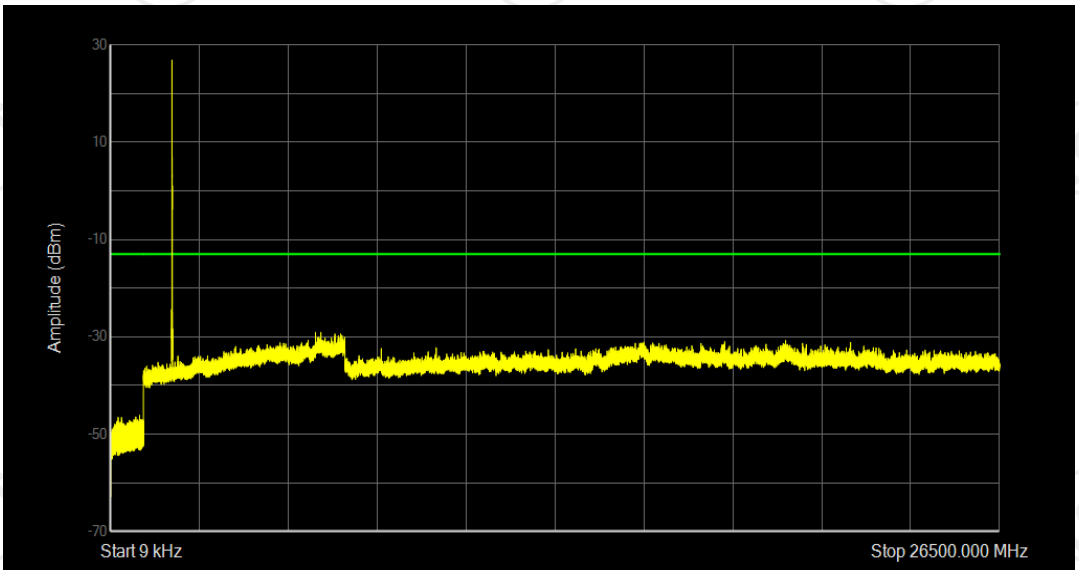
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0149878	-60.95	-13
2	0.15	30	10	11.376585	-55.19	-13
3	30	1000	100	991.076	-45.96	-13
4	1000	26500	1000	6256.4	-29.91	-13

Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



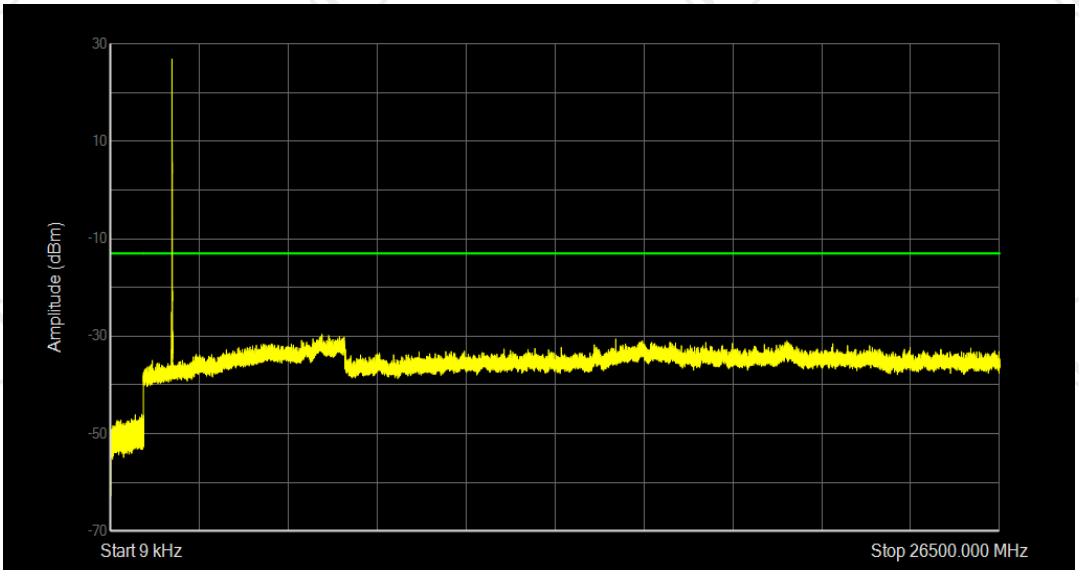
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0200356	-58.46	-13
2	0.15	30	10	12.66511	-54.89	-13
3	30	1000	100	876.454333333333	-45.66	-13
4	1000	26500	1000	6177.35	-29.41	-13

Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



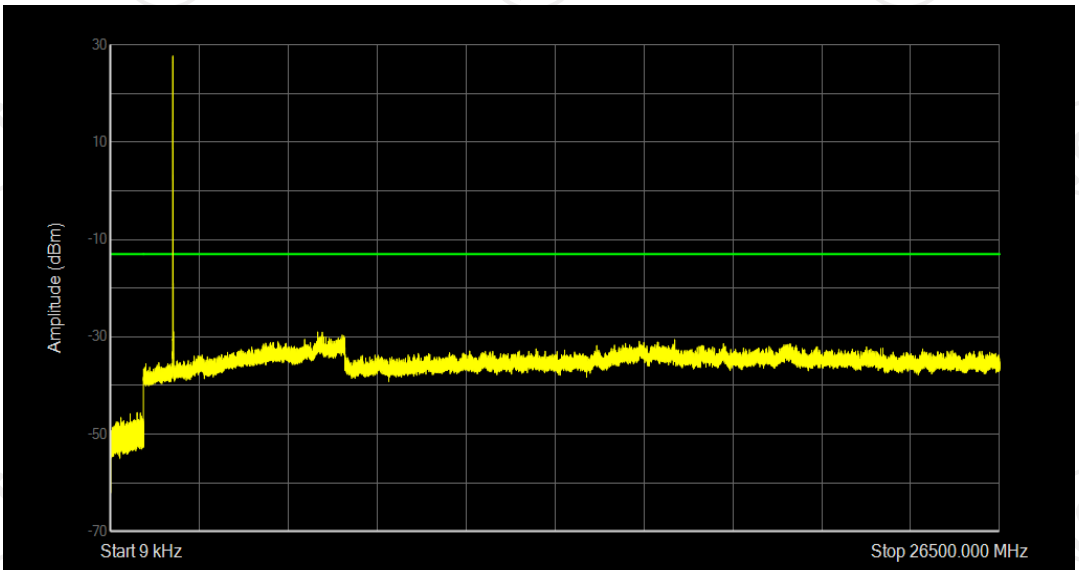
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0111479	-61.29	-13
2	0.15	30	10	0.15398	-55.6	-13
3	30	1000	100	887.415333333333	-46.14	-13
4	1000	26500	1000	6283.6	-29.13	-13

Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



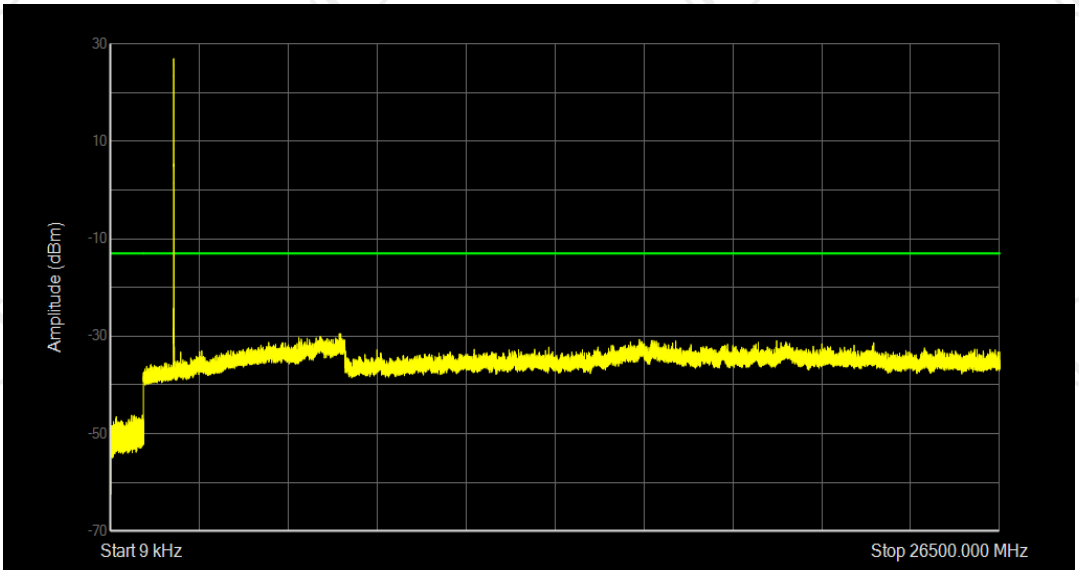
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0563243	-58.67	-13
2	0.15	30	10	0.15	-55.81	-13
3	30	1000	100	949.915666666667	-46.04	-13
4	1000	26500	1000	6316.75	-29.63	-13

Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



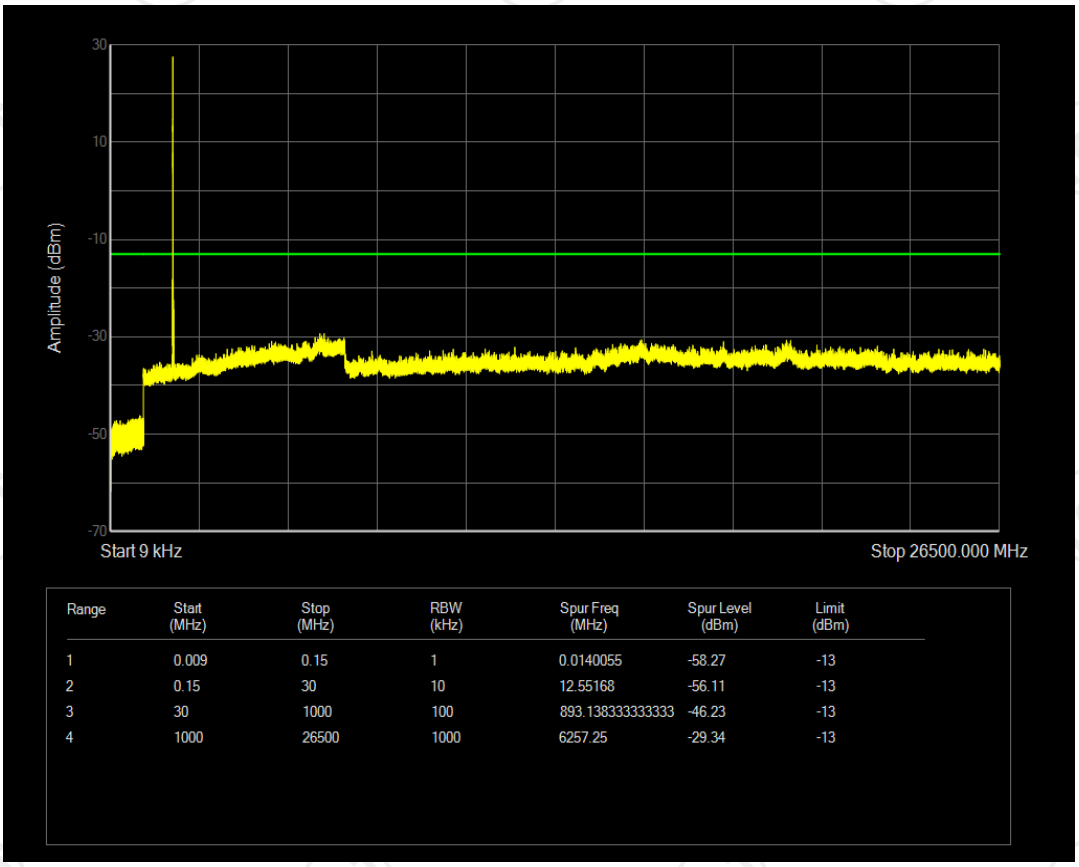
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0110257	-58.84	-13
2	0.15	30	10	0.15597	-55.47	-13
3	30	1000	100	810.171	-45.57	-13
4	1000	26500	1000	6190.1	-29.01	-13

Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



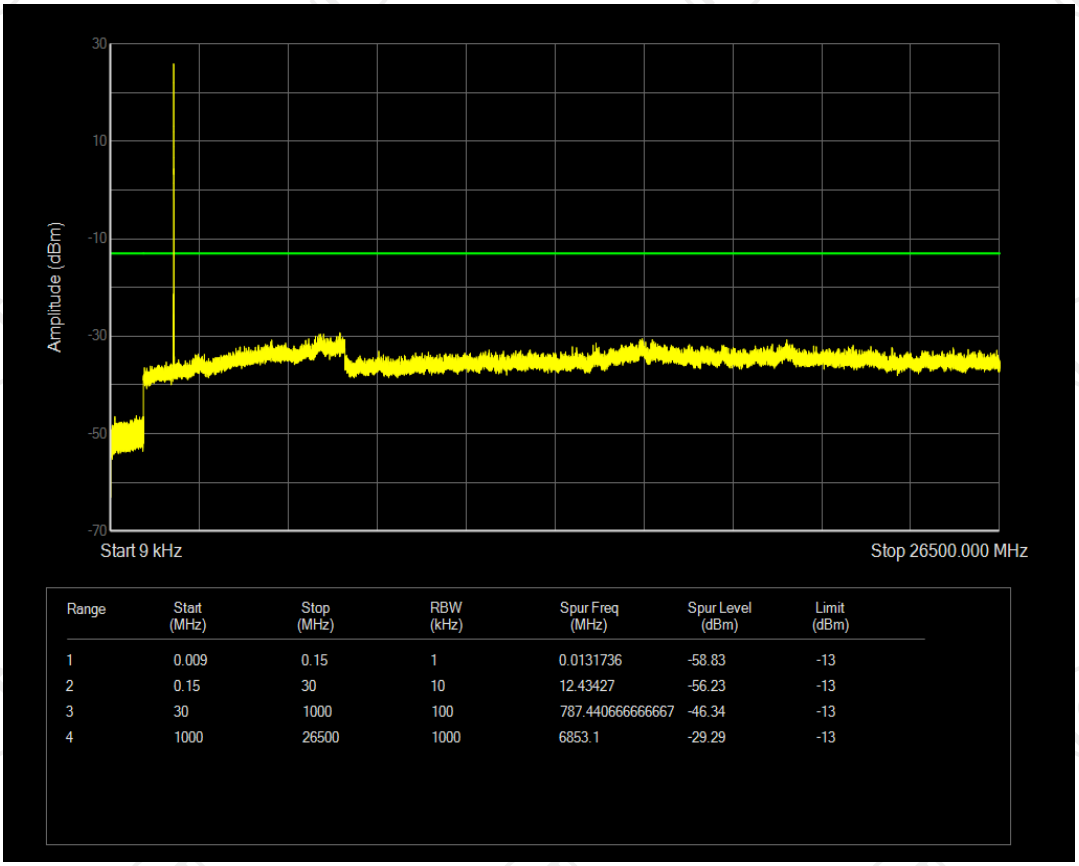
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0151147	-59.75	-13
2	0.15	30	10	12.001445	-56.23	-13
3	30	1000	100	968.733666666667	-46.19	-13
4	1000	26500	1000	6832.7	-29.47	-13

Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



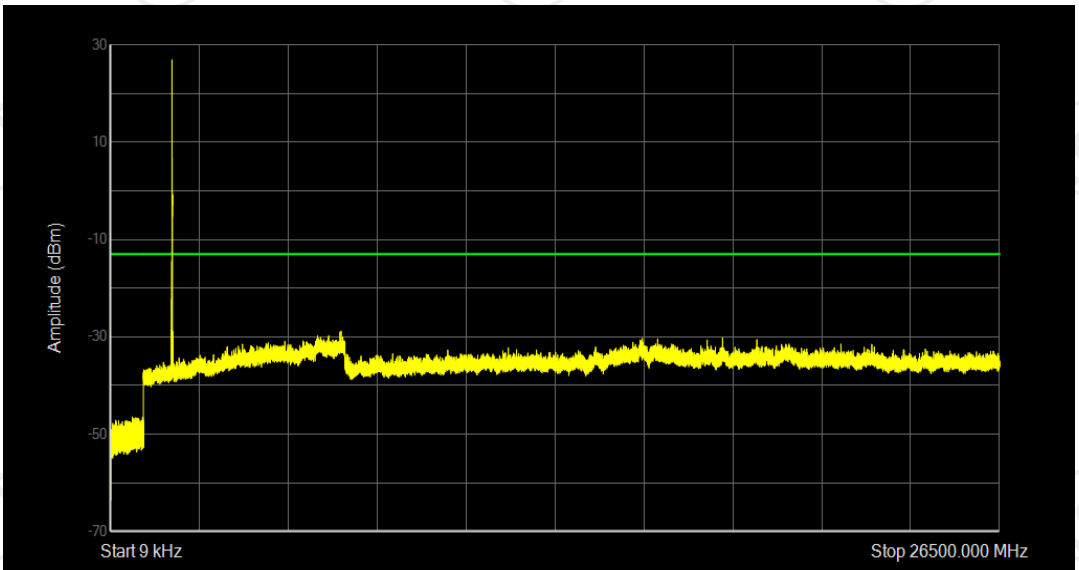
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0140055	-58.27	-13
2	0.15	30	10	12.55168	-56.11	-13
3	30	1000	100	893.138333333333	-46.23	-13
4	1000	26500	1000	6257.25	-29.34	-13

Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



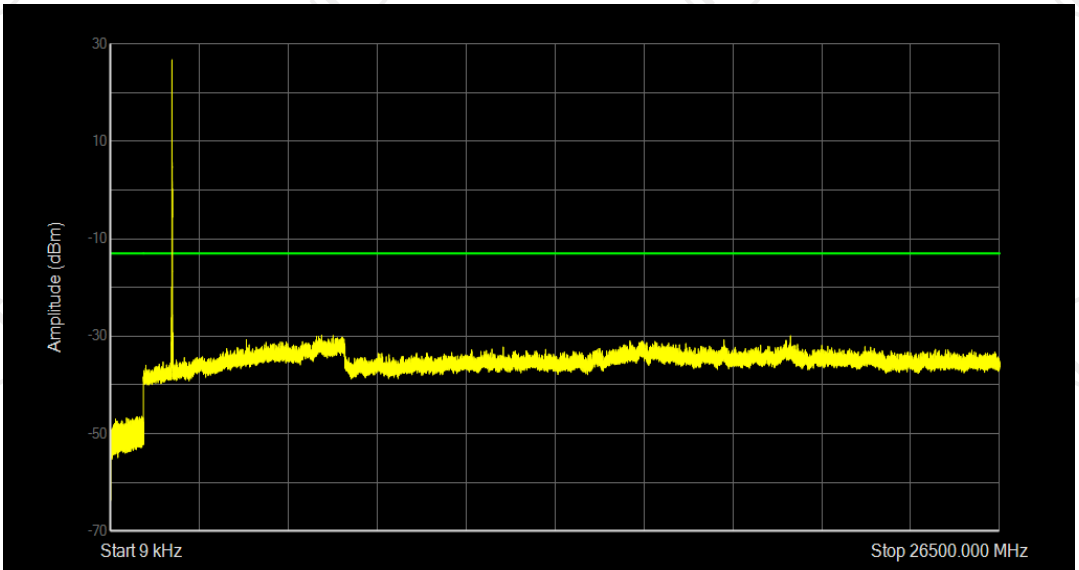
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0131736	-58.83	-13
2	0.15	30	10	12.43427	-56.23	-13
3	30	1000	100	787.440666666667	-46.34	-13
4	1000	26500	1000	6853.1	-29.29	-13

Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



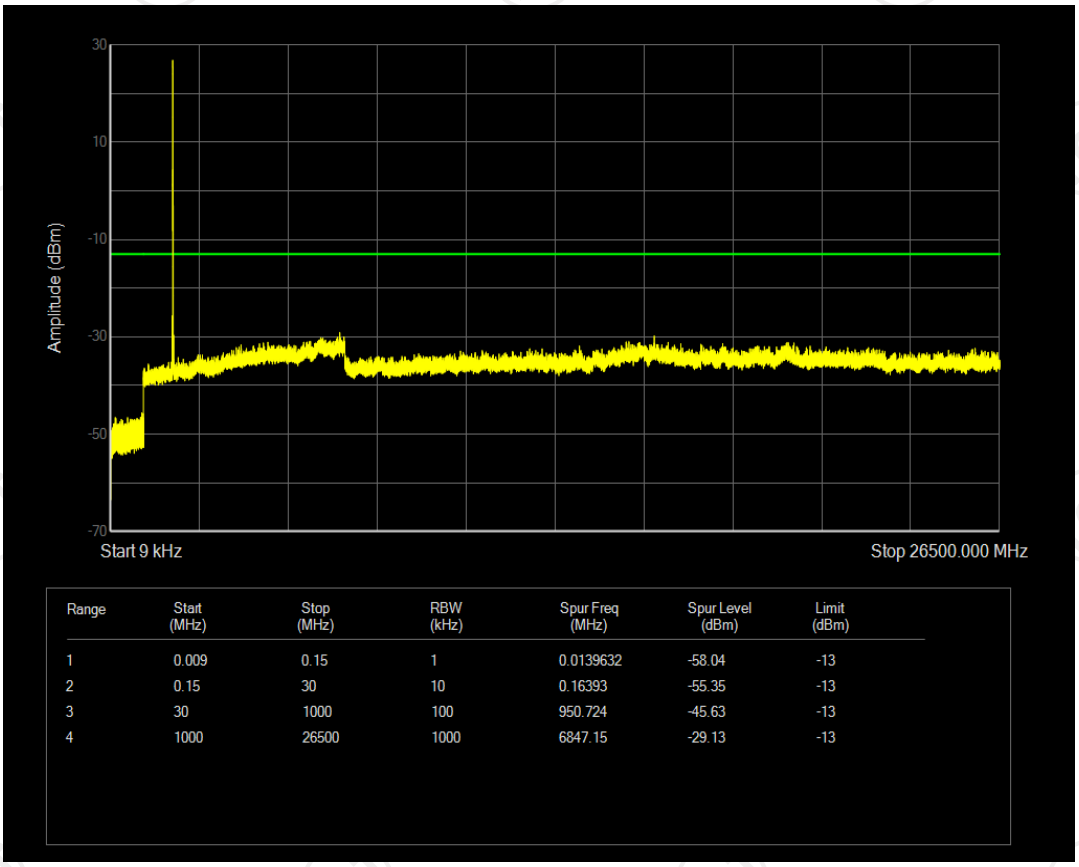
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099588	-60.07	-13
2	0.15	30	10	0.15597	-55.01	-13
3	30	1000	100	669.327	-46.46	-13
4	1000	26500	1000	6887.1	-28.84	-13

Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



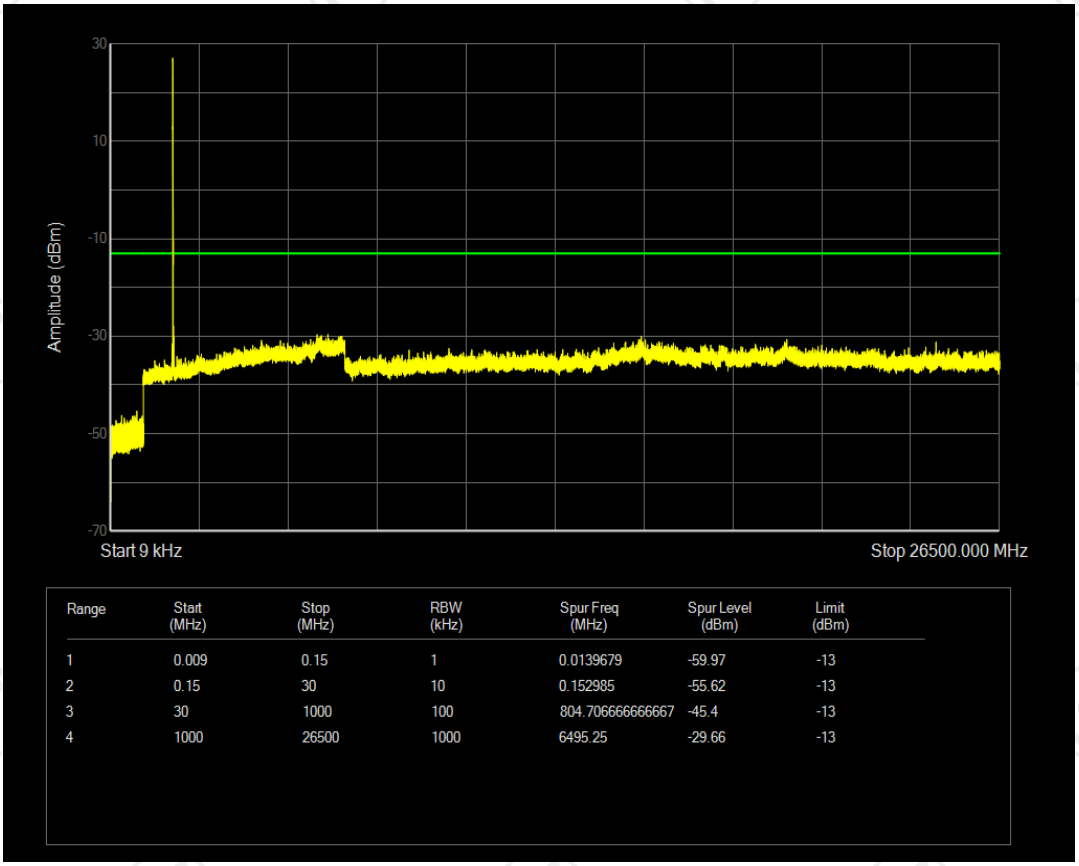
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0141935	-59.44	-13
2	0.15	30	10	0.15	-55.74	-13
3	30	1000	100	949.721666666667	-46.44	-13
4	1000	26500	1000	6307.4	-29.8	-13

Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



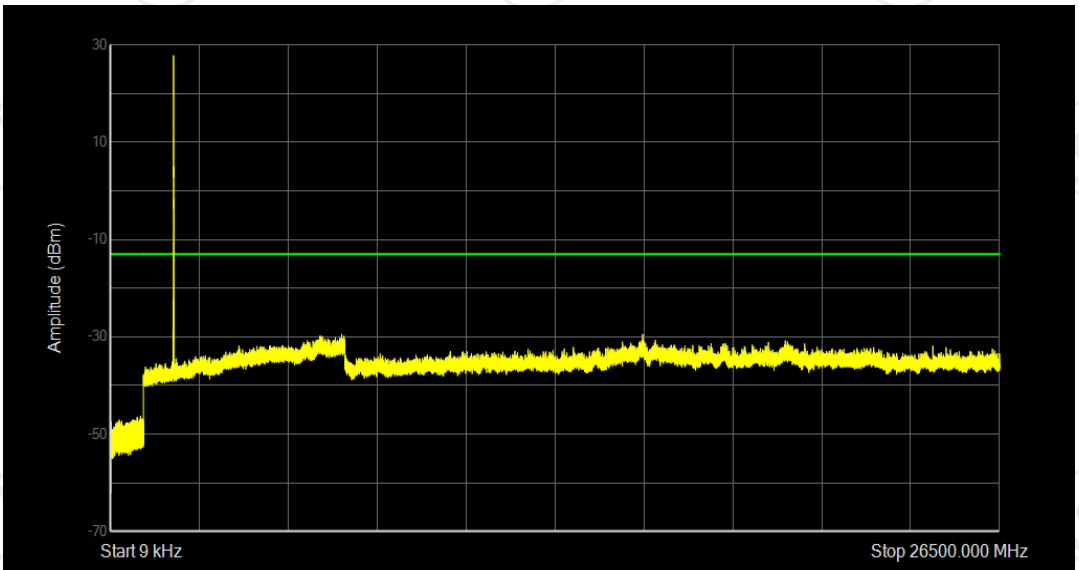
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0139632	-58.04	-13
2	0.15	30	10	0.16393	-55.35	-13
3	30	1000	100	950.724	-45.63	-13
4	1000	26500	1000	6847.15	-29.13	-13

Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



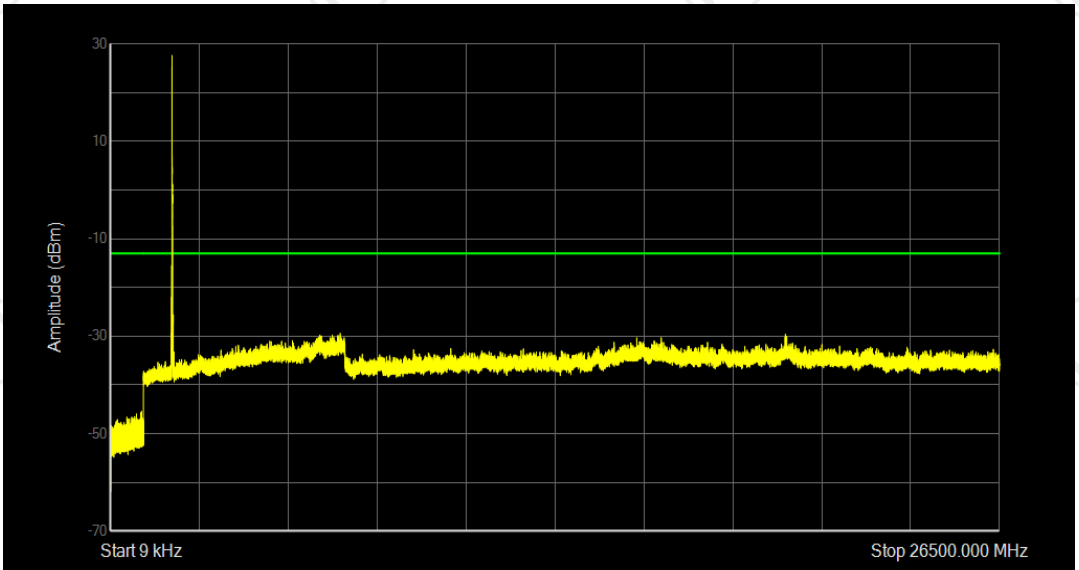
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0139679	-59.97	-13
2	0.15	30	10	0.152985	-55.62	-13
3	30	1000	100	804.706666666667	-45.4	-13
4	1000	26500	1000	6495.25	-29.66	-13

Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



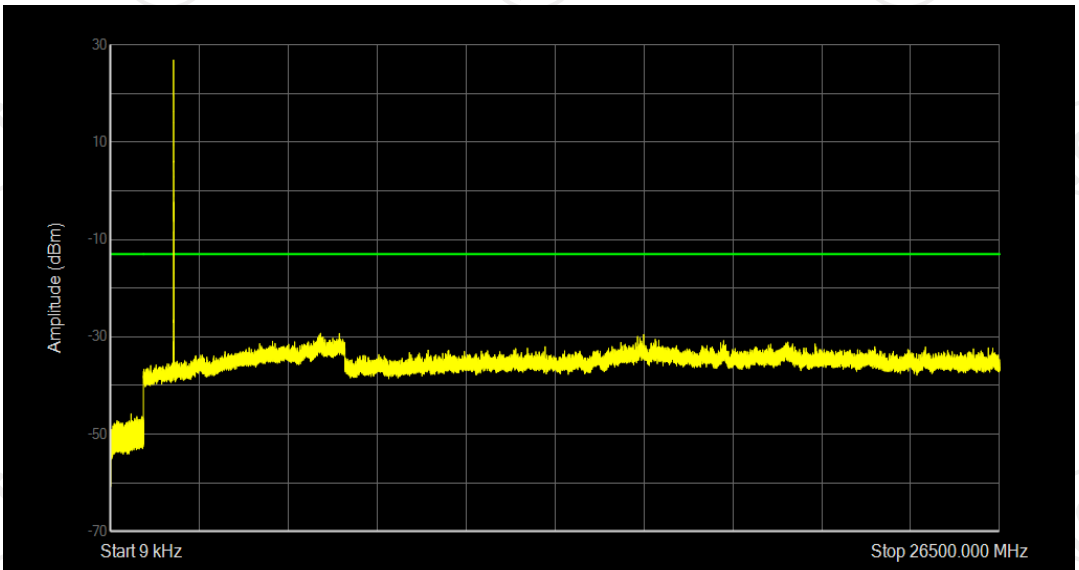
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0122994	-59.8	-13
2	0.15	30	10	0.150995	-55.77	-13
3	30	1000	100	913.799333333333	-46.29	-13
4	1000	26500	1000	6903.25	-29.45	-13

Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



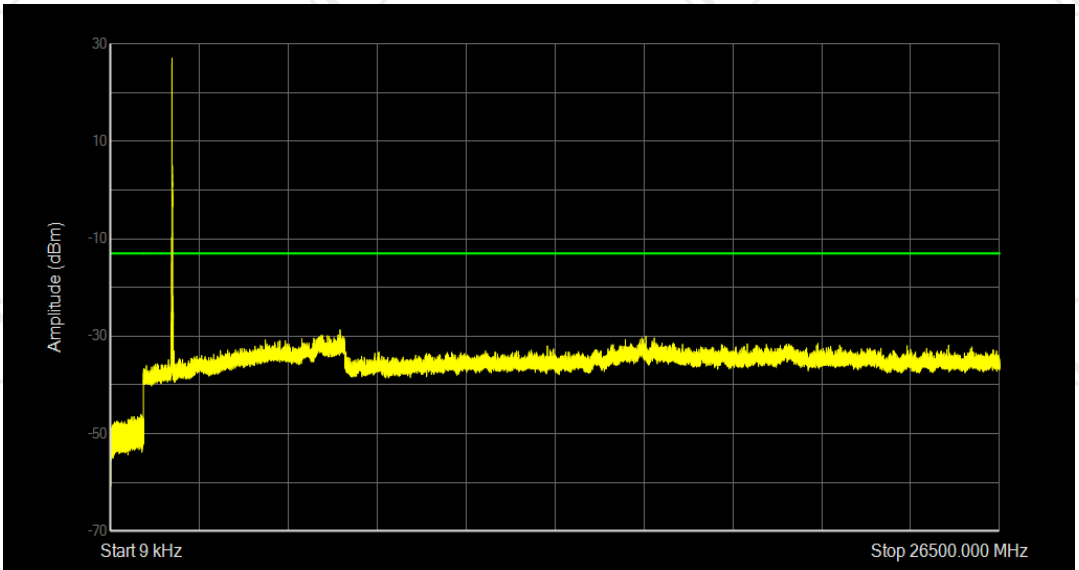
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0108706	-59.68	-13
2	0.15	30	10	12.003435	-55.68	-13
3	30	1000	100	943.610666666667	-45.42	-13
4	1000	26500	1000	6860.75	-29.43	-13

Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



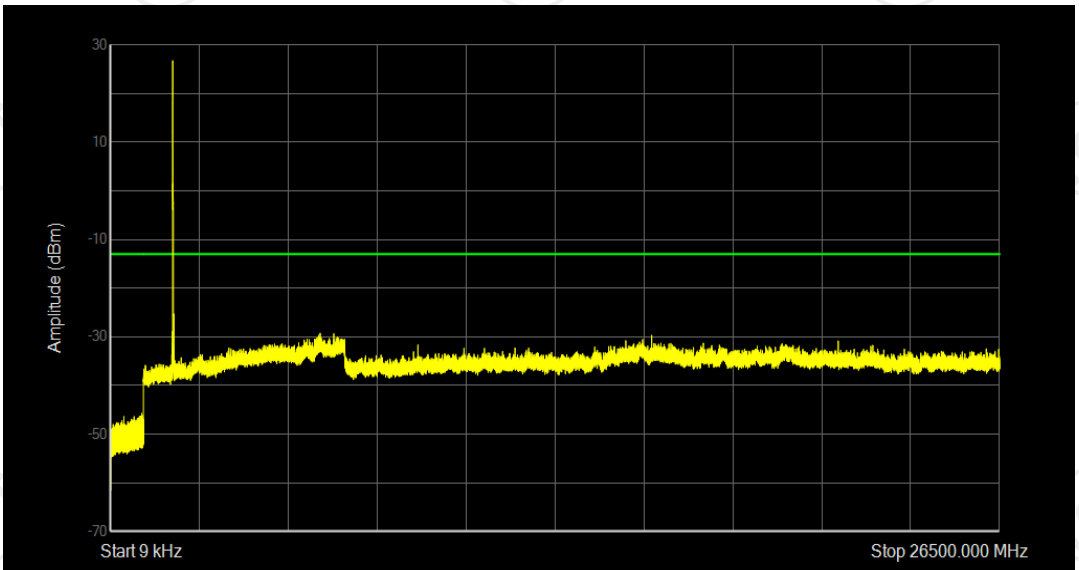
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096862	-58.99	-13
2	0.15	30	10	0.152985	-54.75	-13
3	30	1000	100	631.464666666667	-45.81	-13
4	1000	26500	1000	6274.25	-29.26	-13

Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



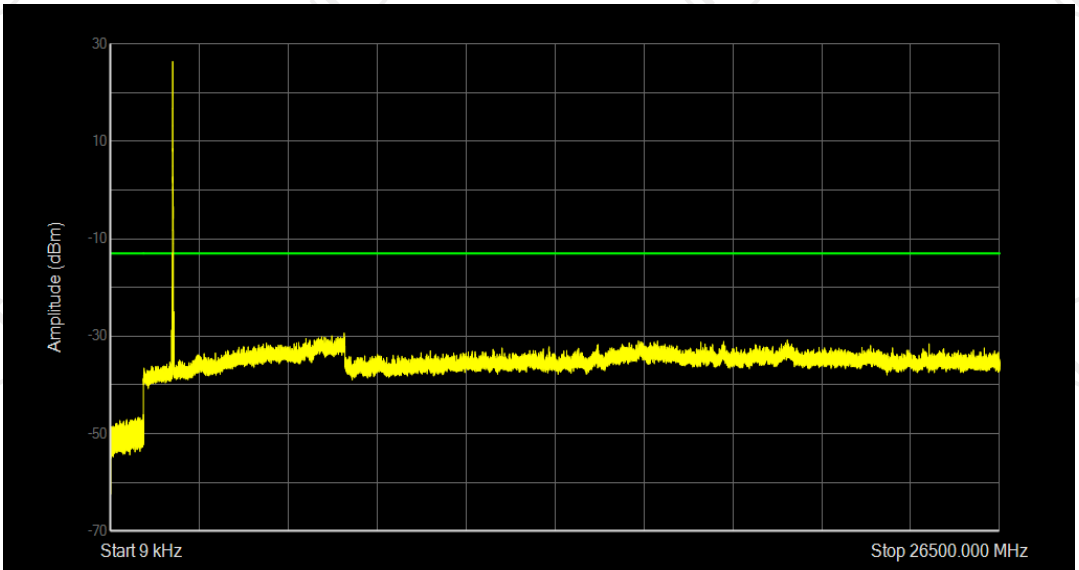
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0208722	-59.27	-13
2	0.15	30	10	12.081045	-55.74	-13
3	30	1000	100	930.871333333333	-46.05	-13
4	1000	26500	1000	6856.5	-28.68	-13

Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



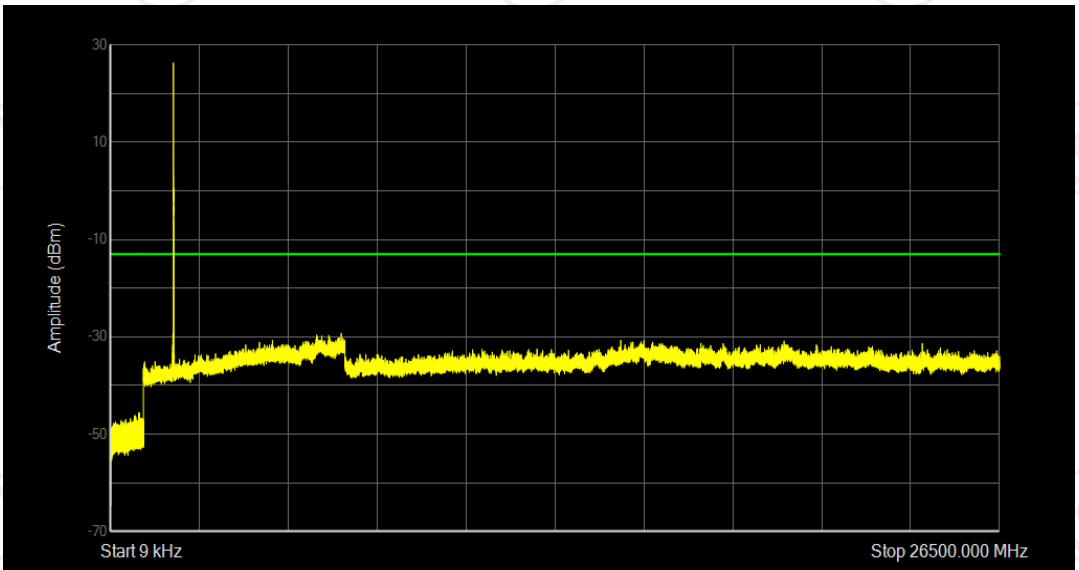
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0271279	-61.32	-13
2	0.15	30	10	0.158955	-56.32	-13
3	30	1000	100	949.980333333333	-45.72	-13
4	1000	26500	1000	6264.9	-29.25	-13

Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



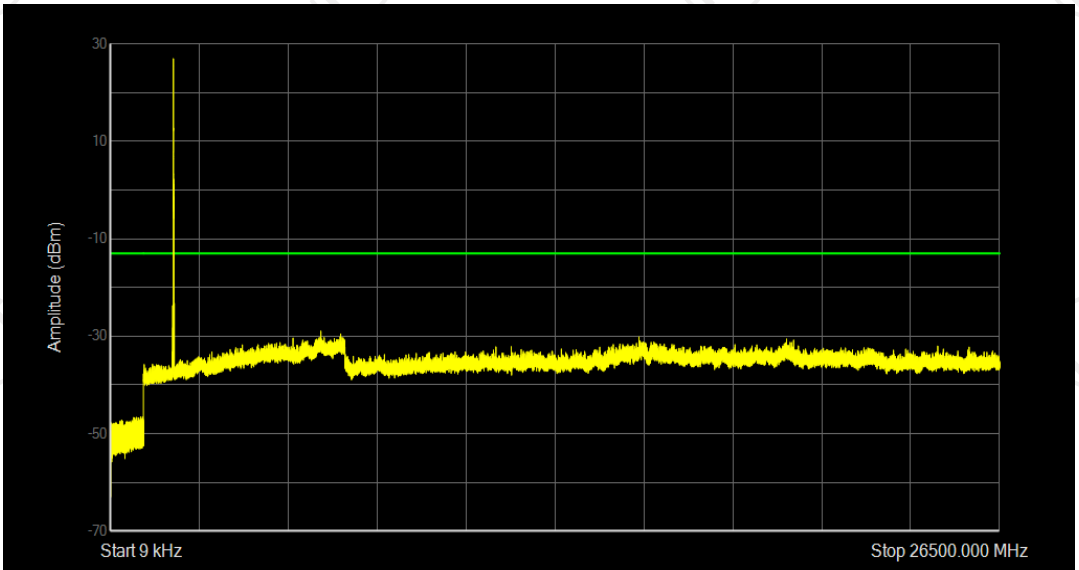
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009094	-59.09	-13
2	0.15	30	10	0.16791	-56.28	-13
3	30	1000	100	997.187	-46.13	-13
4	1000	26500	1000	6977.2	-29.37	-13

Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0127271	-59.96	-13
2	0.15	30	10	0.158955	-54.54	-13
3	30	1000	100	858.671	-45.62	-13
4	1000	26500	1000	6891.35	-29.29	-13

Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0116508	-58.99	-13
2	0.15	30	10	11.774585	-56.9	-13
3	30	1000	100	921.785666666667	-46.57	-13
4	1000	26500	1000	6284.45	-28.96	-13