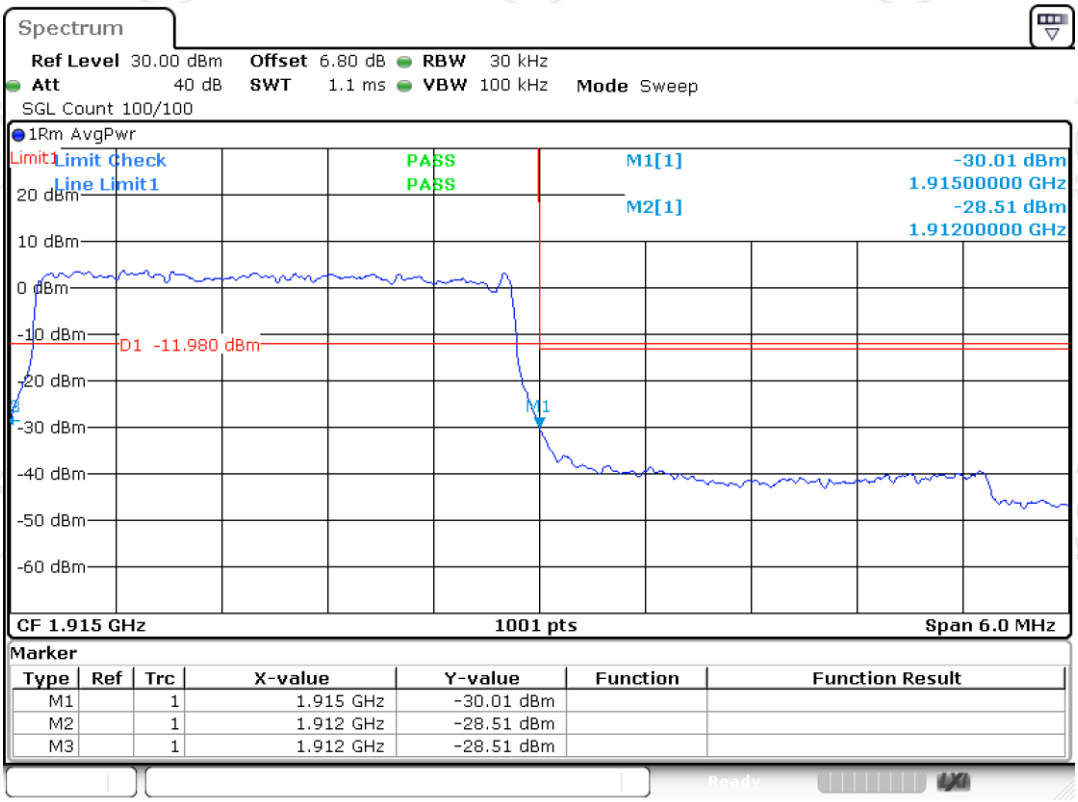
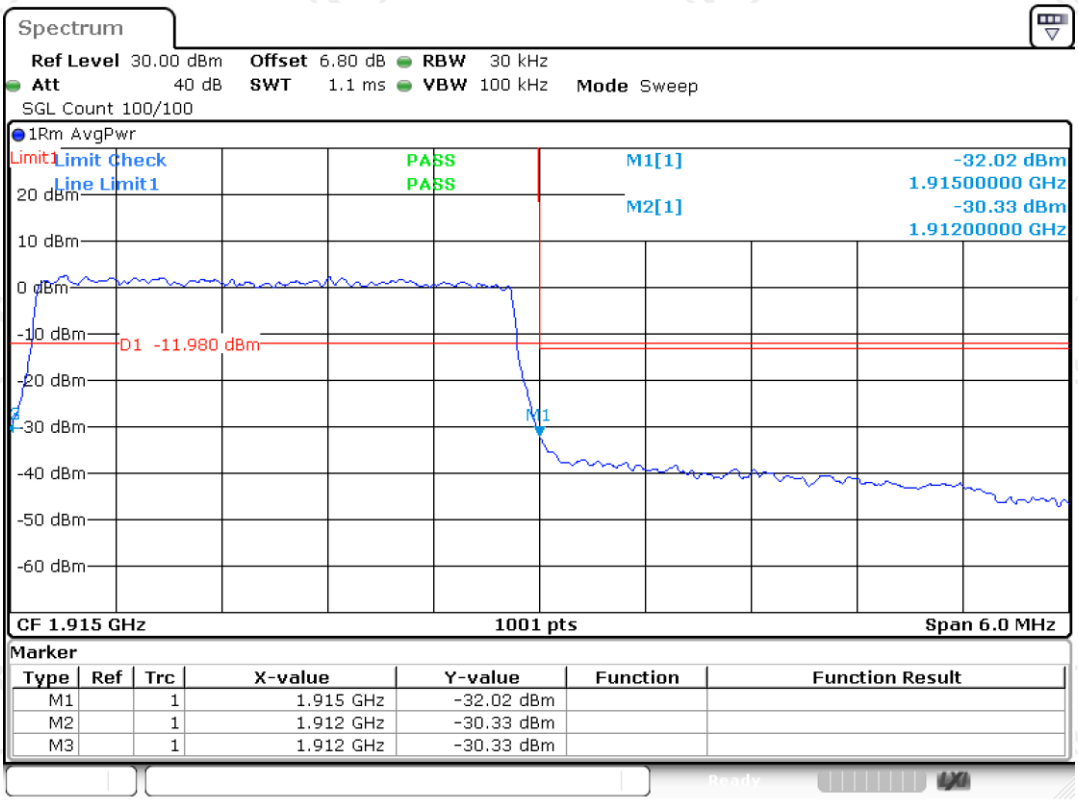
Band25 QPSK BW=3MHz Channel=26675 RB Size=15 Position=#0



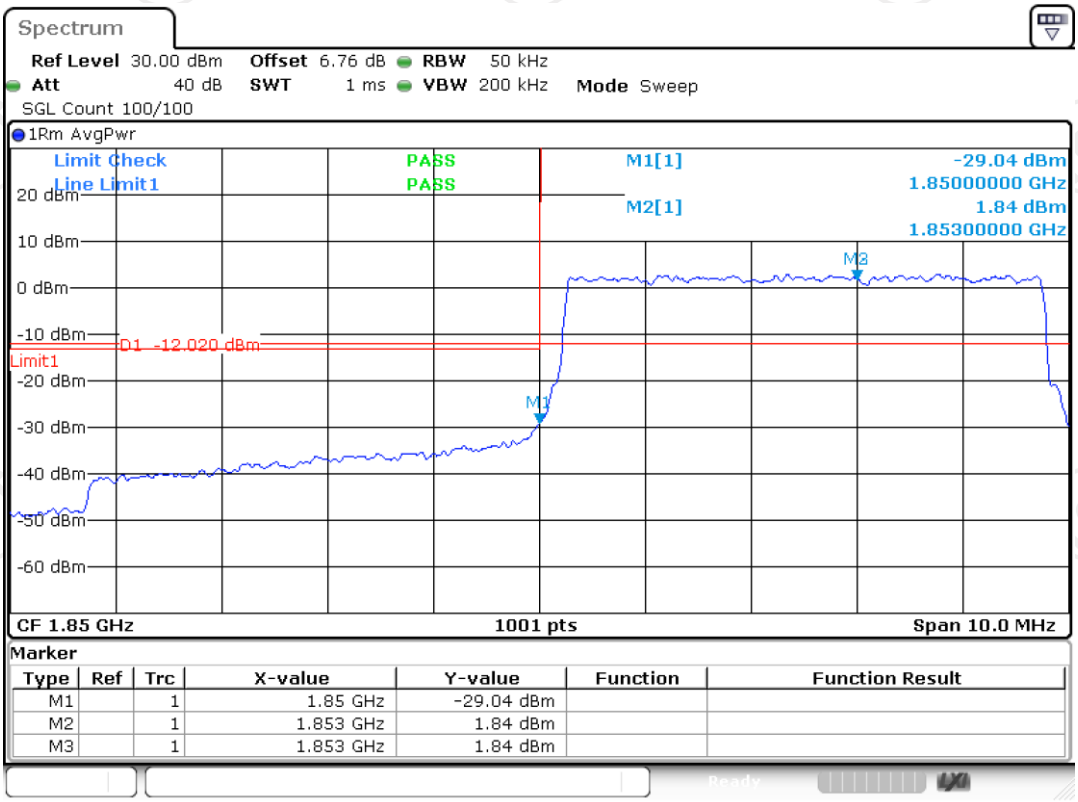
Date: 9.JUN.2023 14:08:34

Band25 16QAM BW=3MHz Channel=26675 RB Size=15 Position=#0



Date: 9.JUN.2023 14:08:38

Band25 QPSK BW=5MHz Channel=26065 RB Size=25 Position=#0



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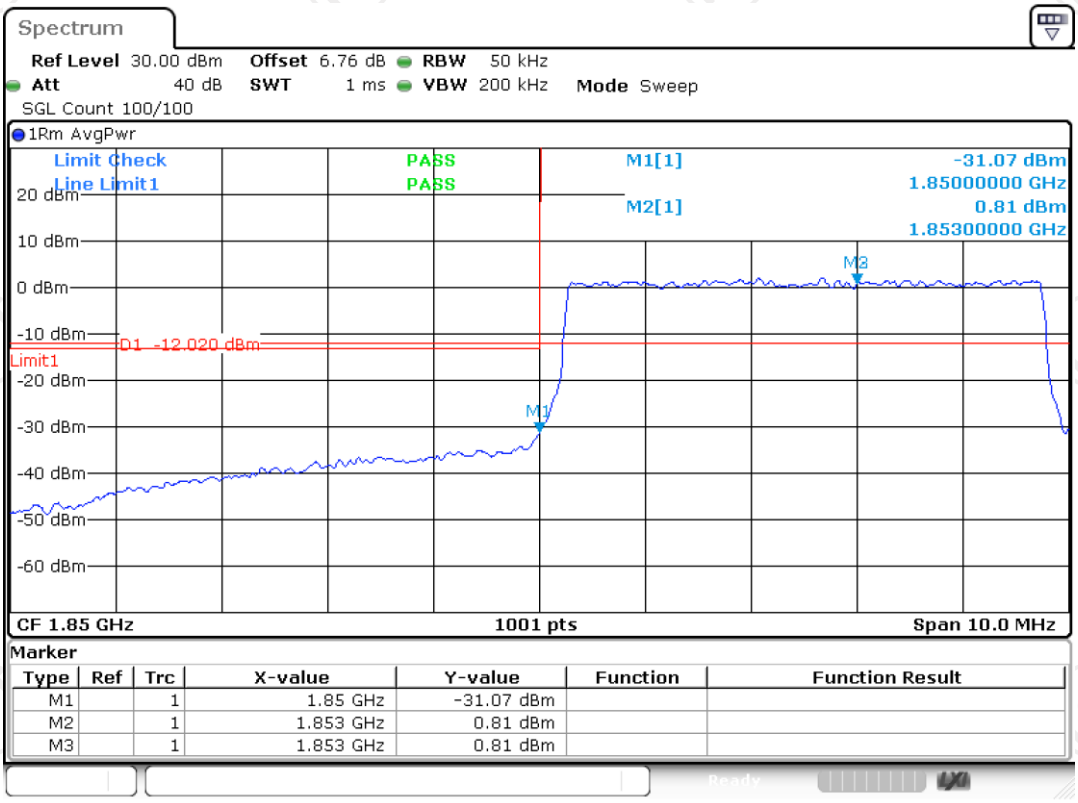
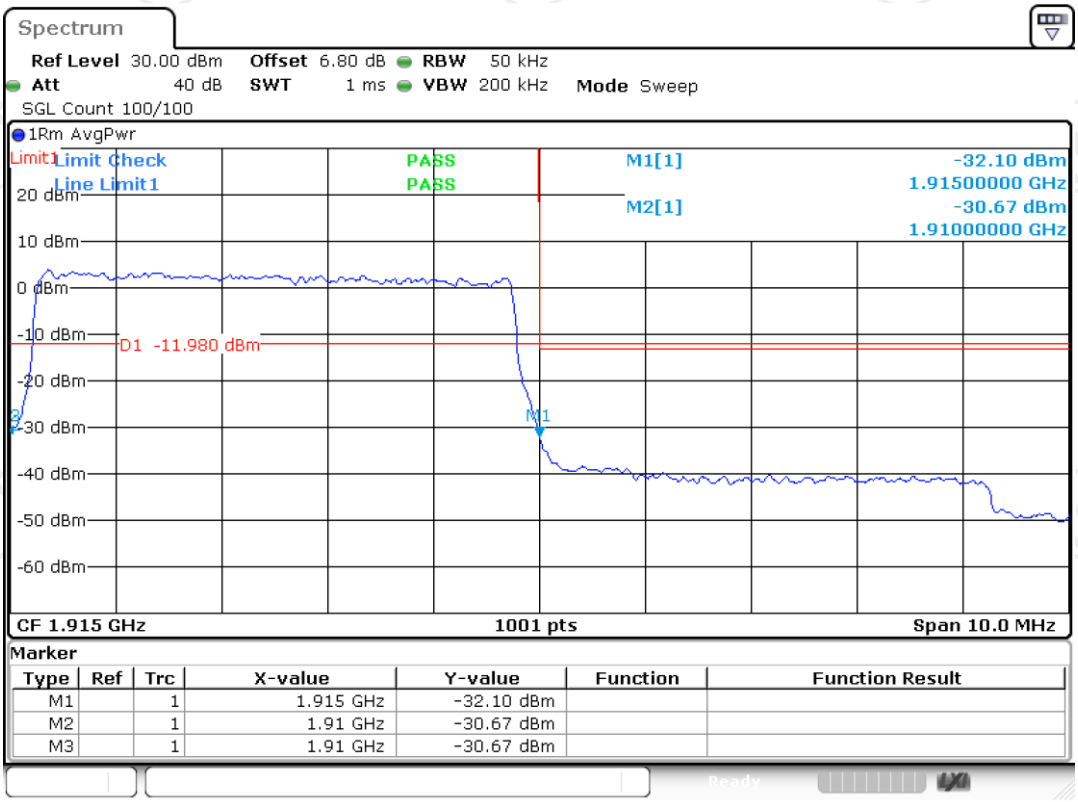
Band25 16QAM BW=5MHz Channel=26065 RB Size=25 Position=#0



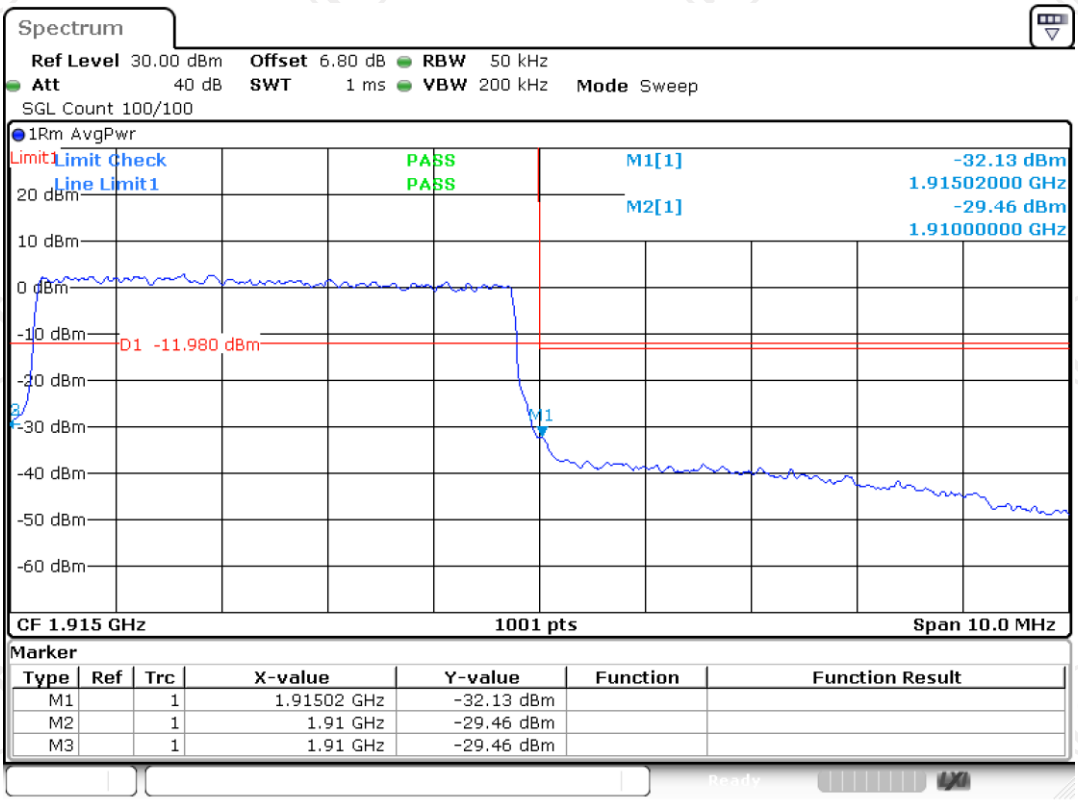
Date: 9.JUN.2023 14:08:49

Band25 QPSK BW=5MHz Channel=26665 RB Size=25 Position=#0



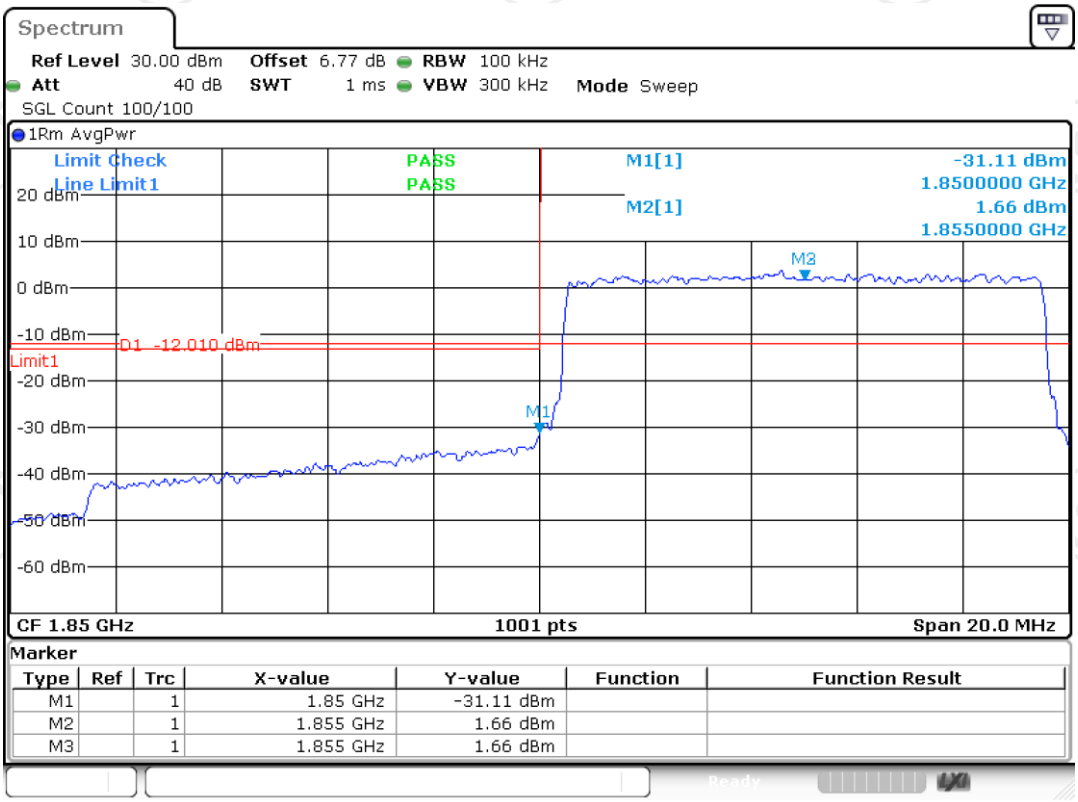
Date: 9.JUN.2023 14:08:54

Band25 16QAM BW=5MHz Channel=26665 RB Size=25 Position=#0



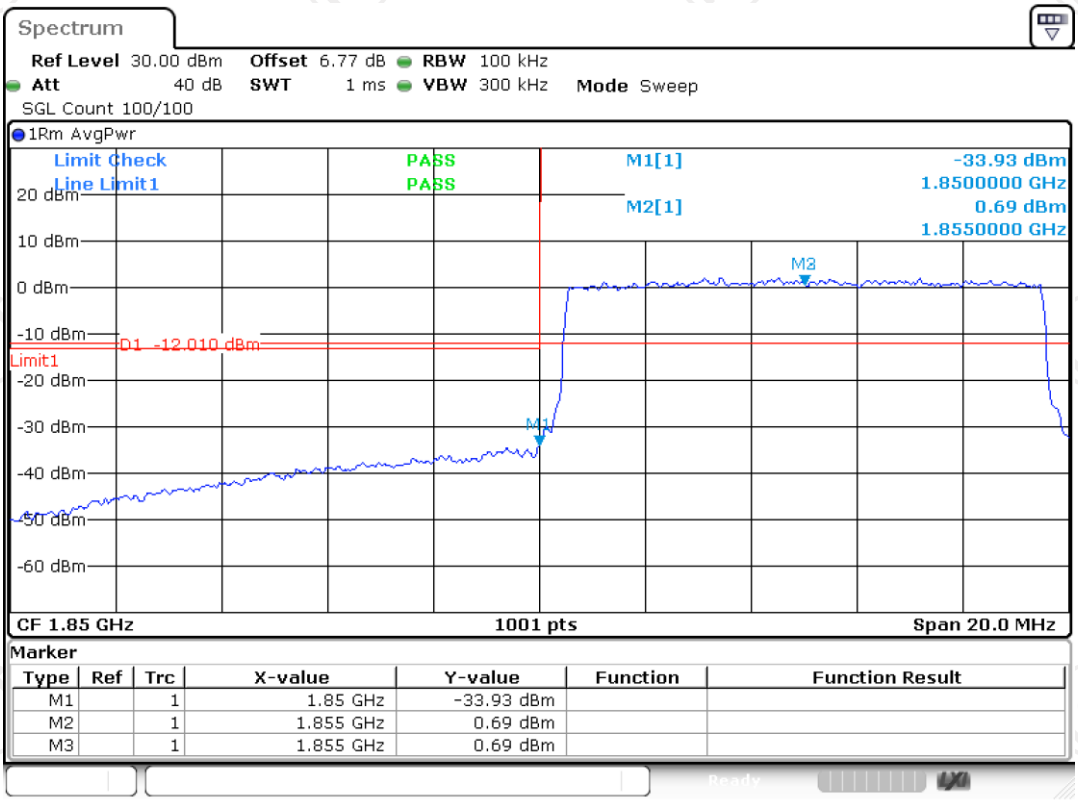
Date: 9.JUN.2023 14:08:58

Band25 QPSK BW=10MHz Channel=26090 RB Size=50 Position=#0



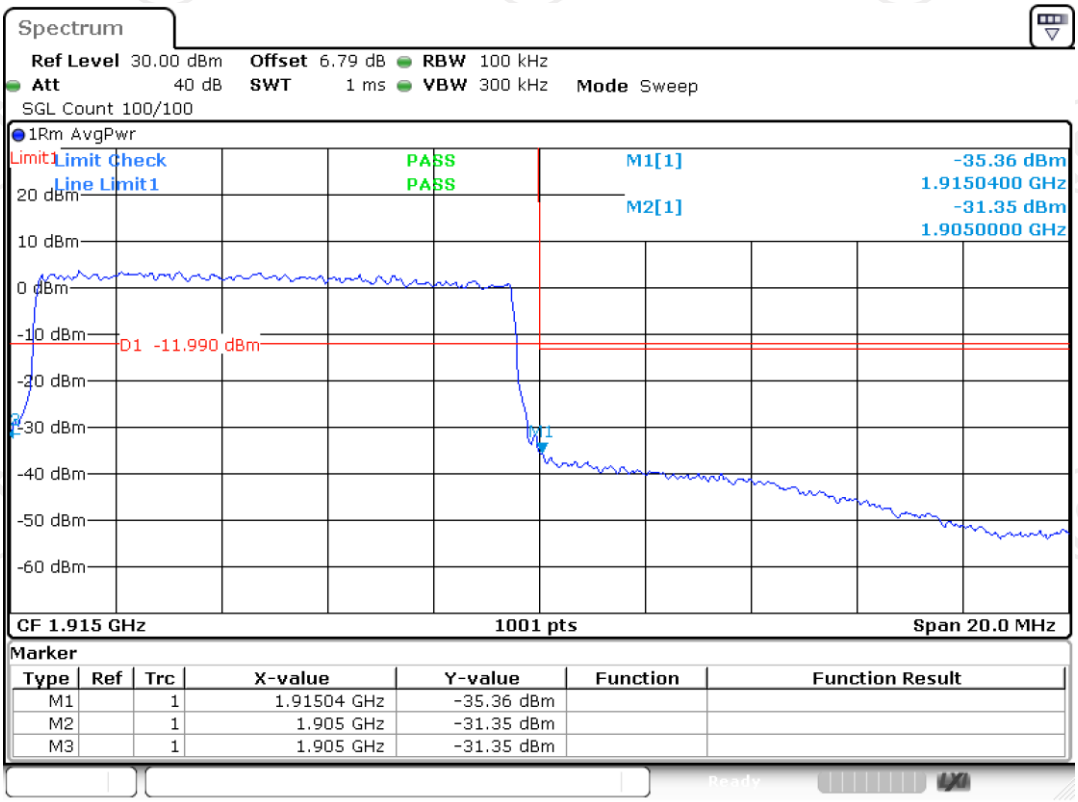
Date: 9.JUN.2023 14:09:04

Band25 16QAM BW=10MHz Channel=26090 RB Size=50 Position=#0



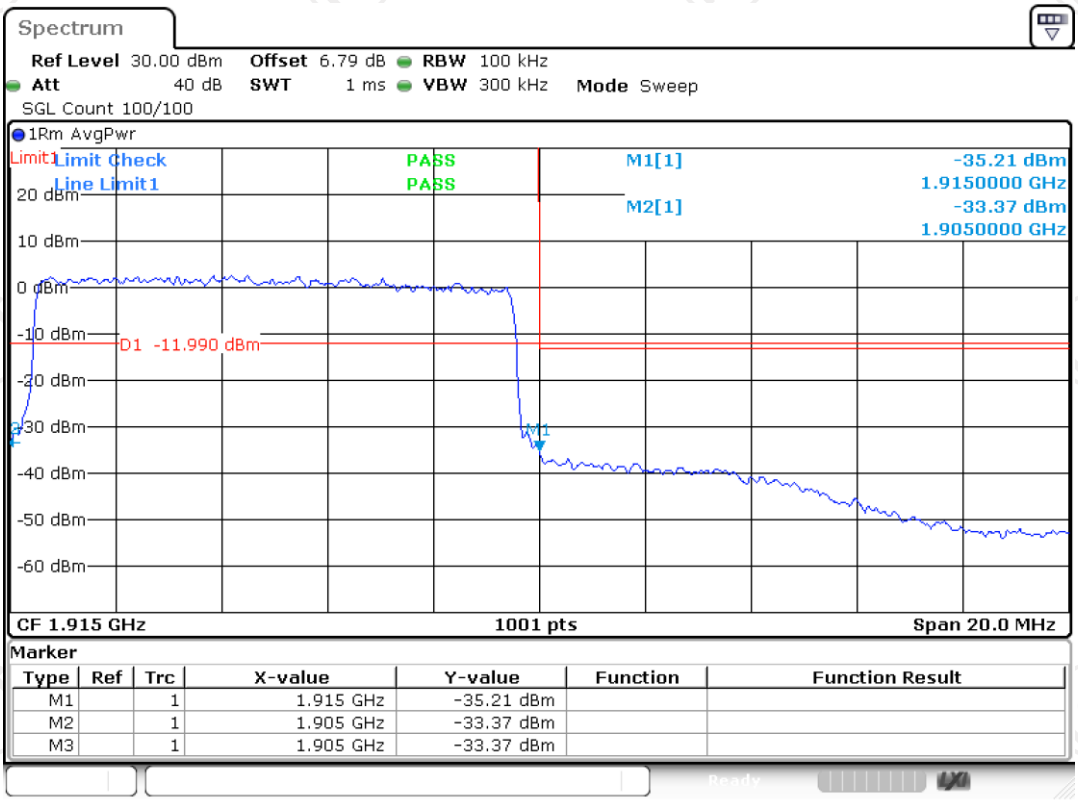
Date: 9.JUN.2023 14:09:09

Band25 QPSK BW=10MHz Channel=26640 RB Size=50 Position=#0



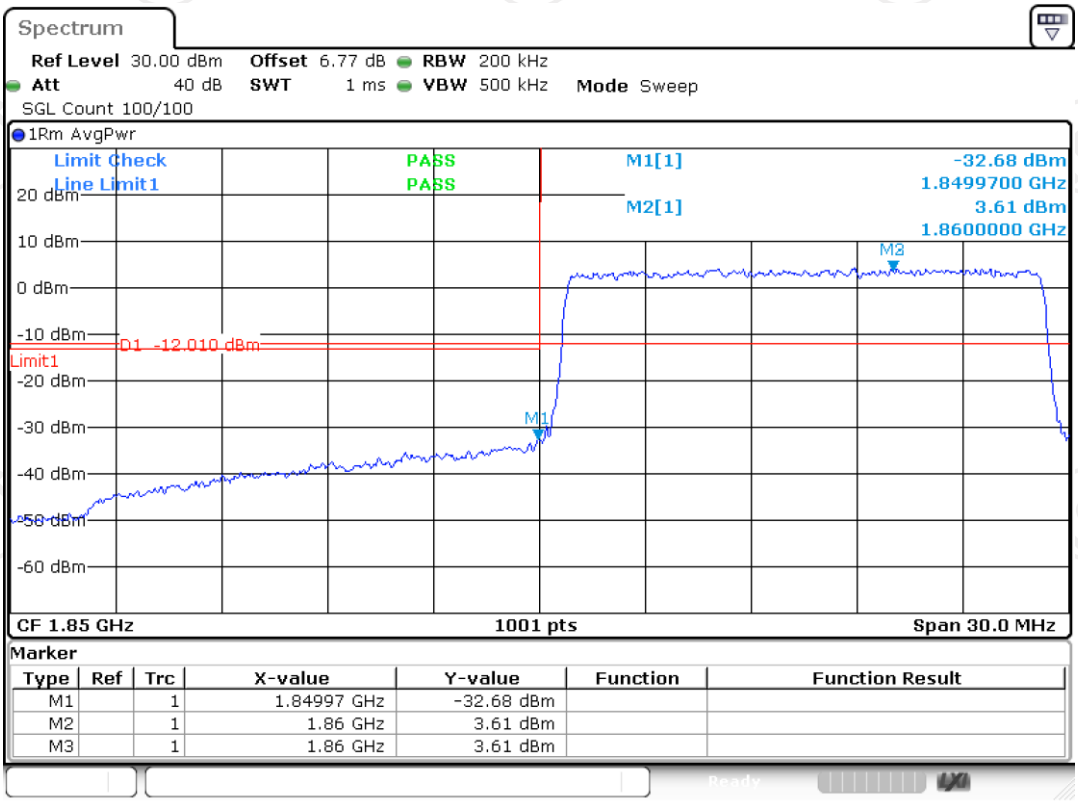
Date: 9.JUN.2023 14:09:14

Band25 16QAM BW=10MHz Channel=26640 RB Size=50 Position=#0



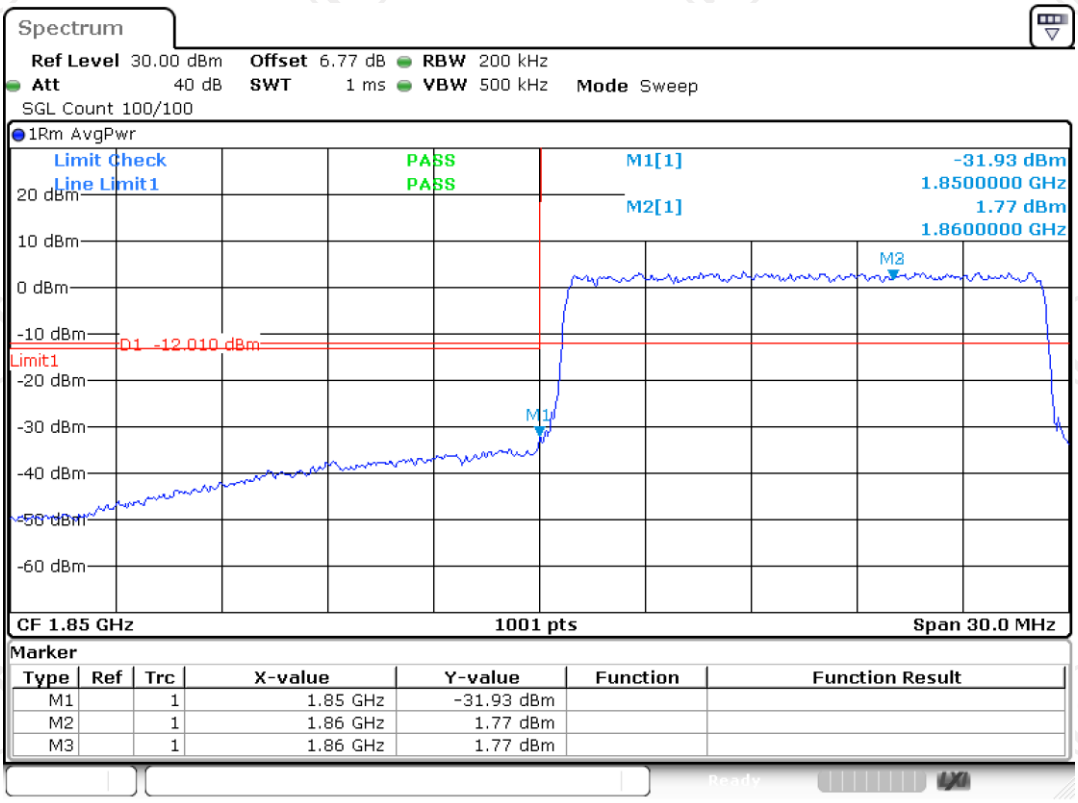
Date: 9.JUN.2023 14:09:19

Band25 QPSK BW=15MHz Channel=26115 RB Size=75 Position=#0



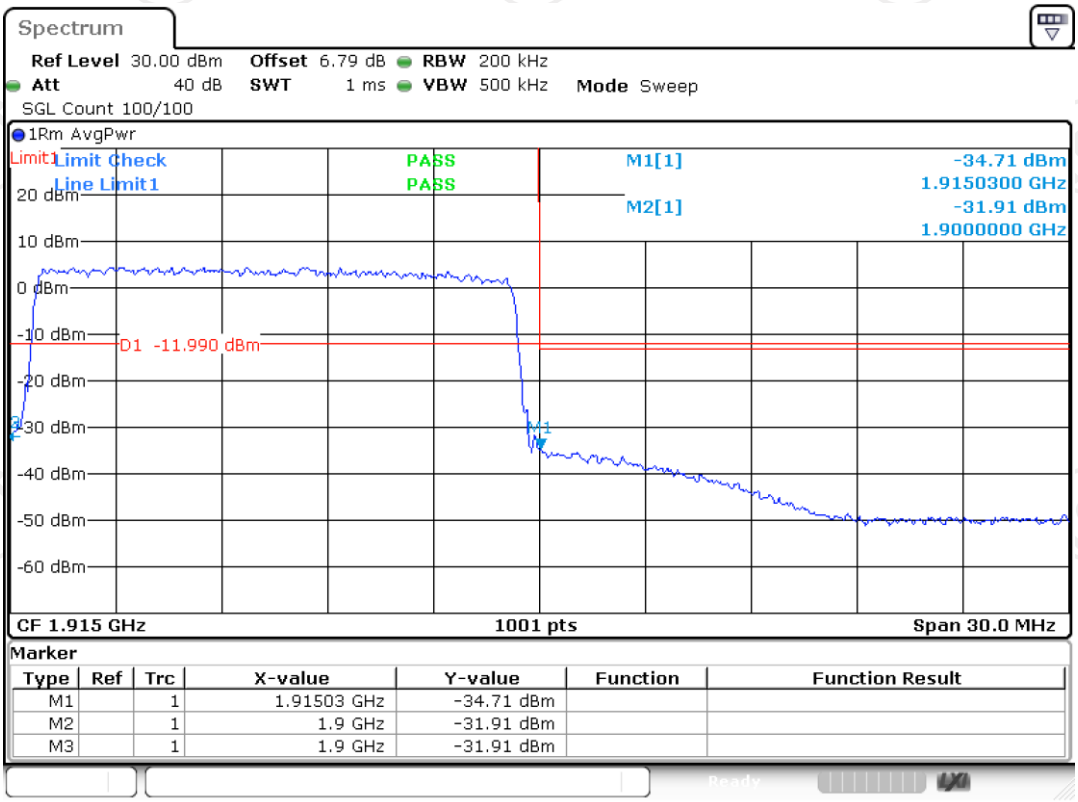
Date: 9.JUN.2023 14:09:25

Band25 16QAM BW=15MHz Channel=26115 RB Size=75 Position=#0



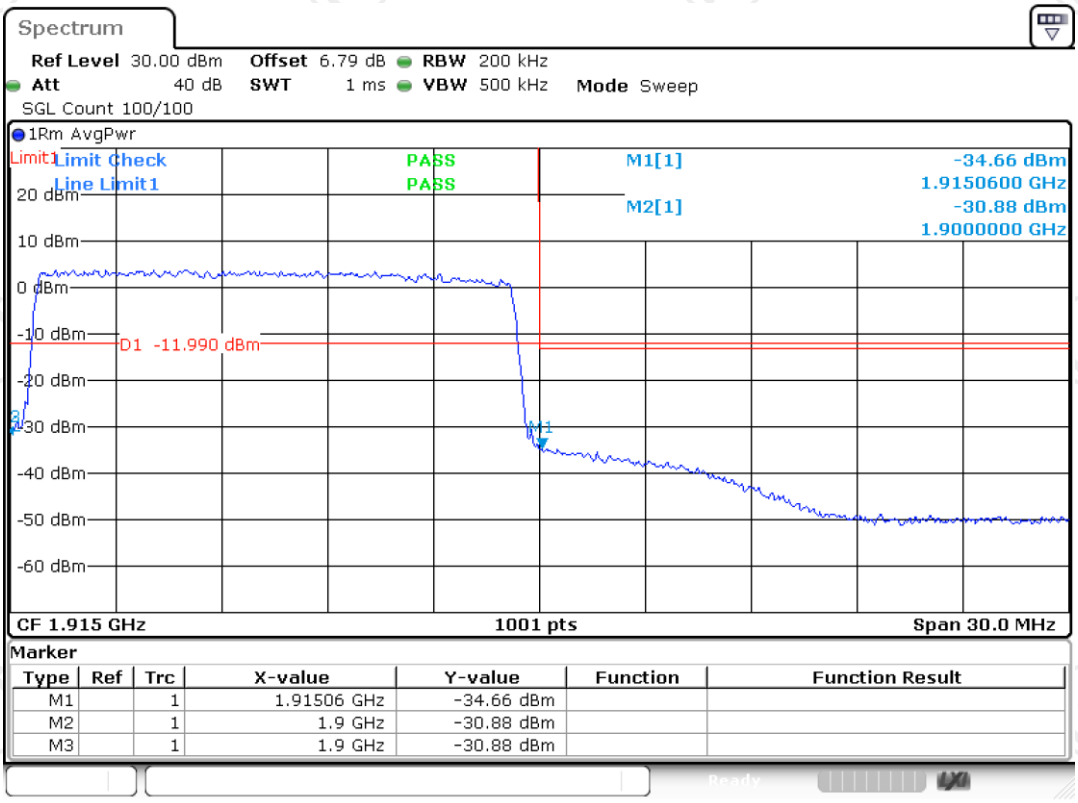
Date: 9.JUN.2023 14:09:30

Band25 QPSK BW=15MHz Channel=26615 RB Size=75 Position=#0



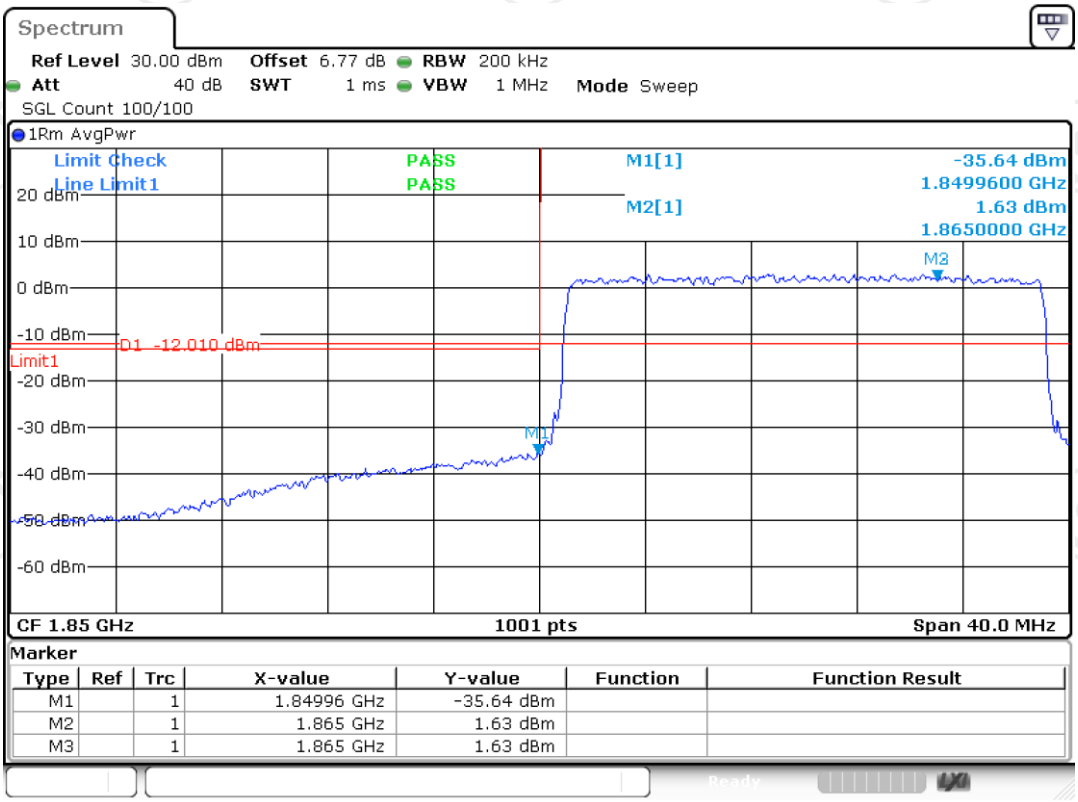
Date: 9.JUN.2023 14:09:36

Band25 16QAM BW=15MHz Channel=26615 RB Size=75 Position=#0



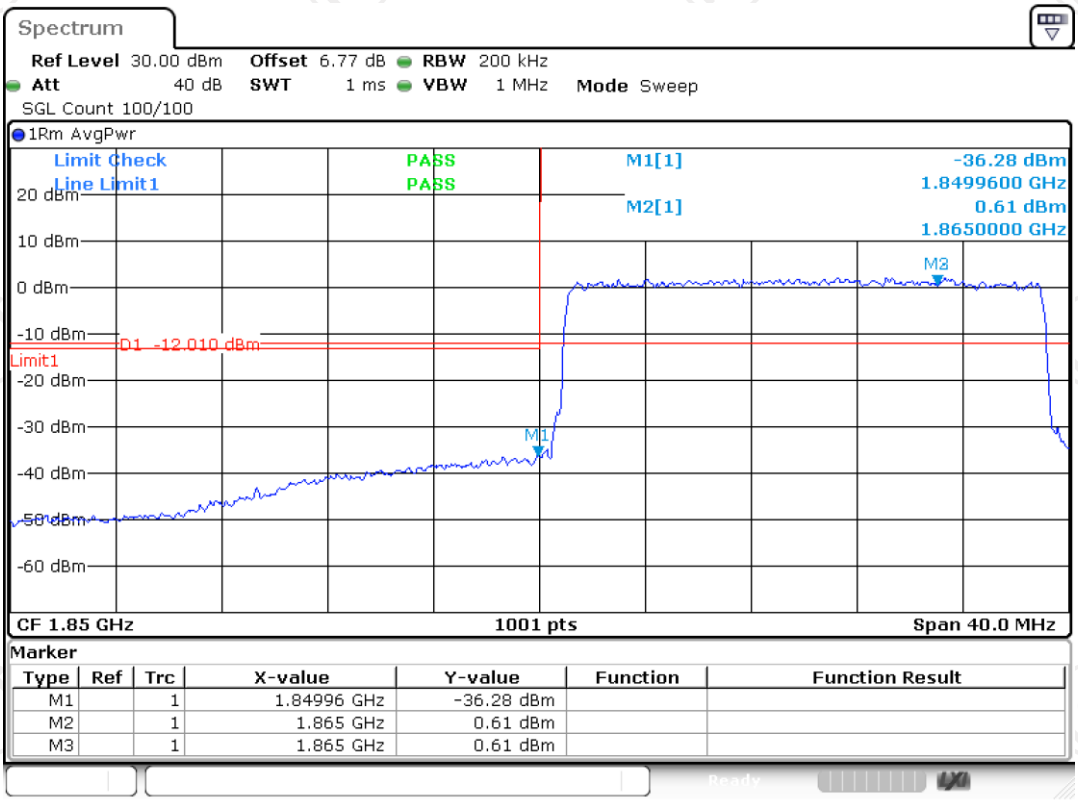
Date: 9.JUN.2023 14:09:42

Band25 QPSK BW=20MHz Channel=26140 RB Size=100 Position=#0



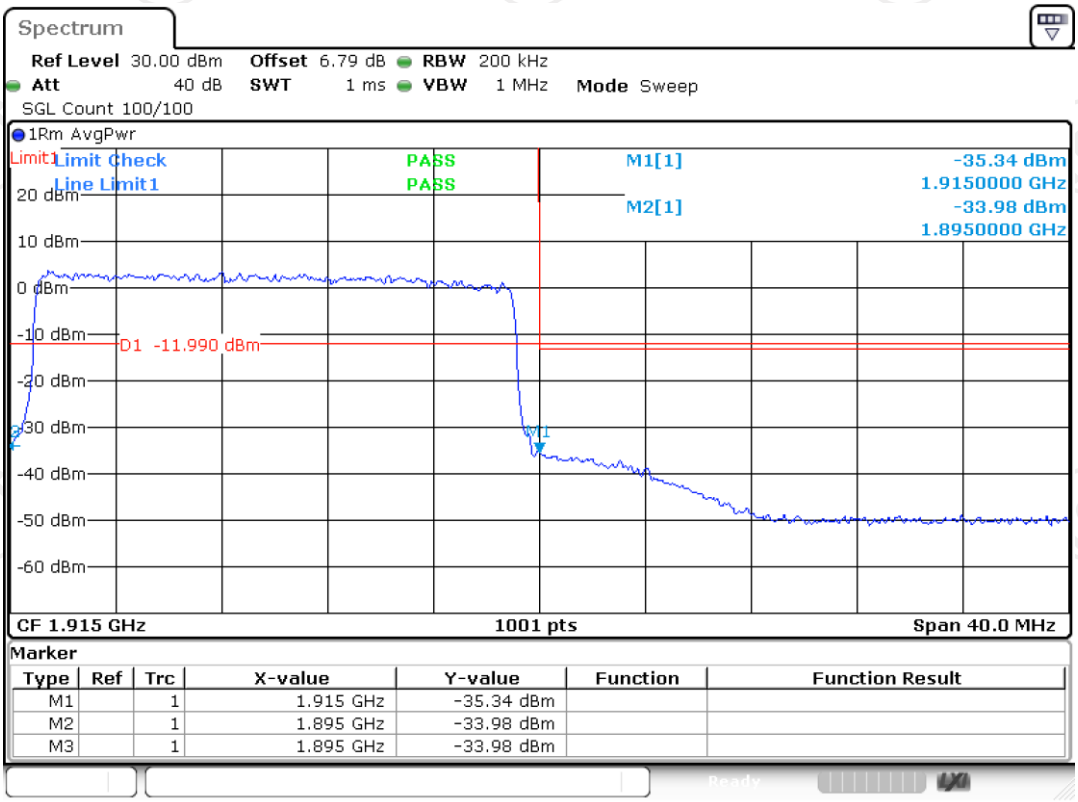
Date: 9.JUN.2023 14:09:49

Band25 16QAM BW=20MHz Channel=26140 RB Size=100 Position=#0



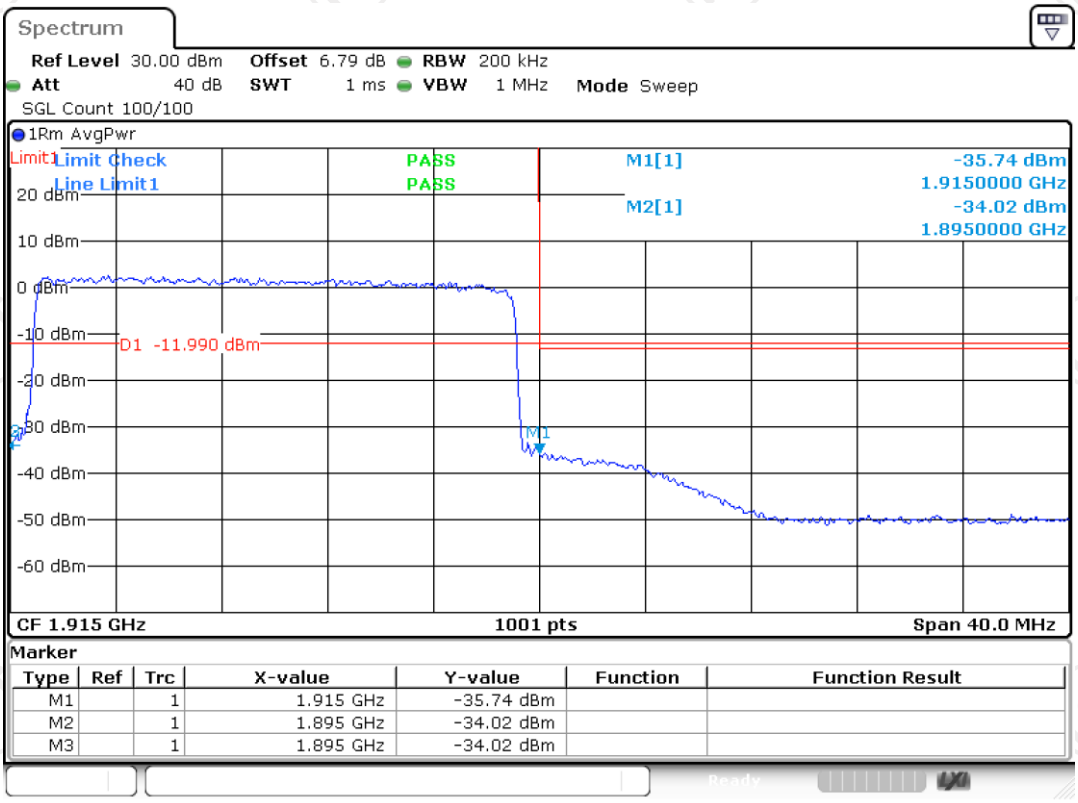
Date: 9.JUN.2023 14:09:55

Band25 QPSK BW=20MHz Channel=26590 RB Size=100 Position=#0



Date: 9.JUN.2023 14:10:00

Band25 16QAM BW=20MHz Channel=26590 RB Size=100 Position=#0

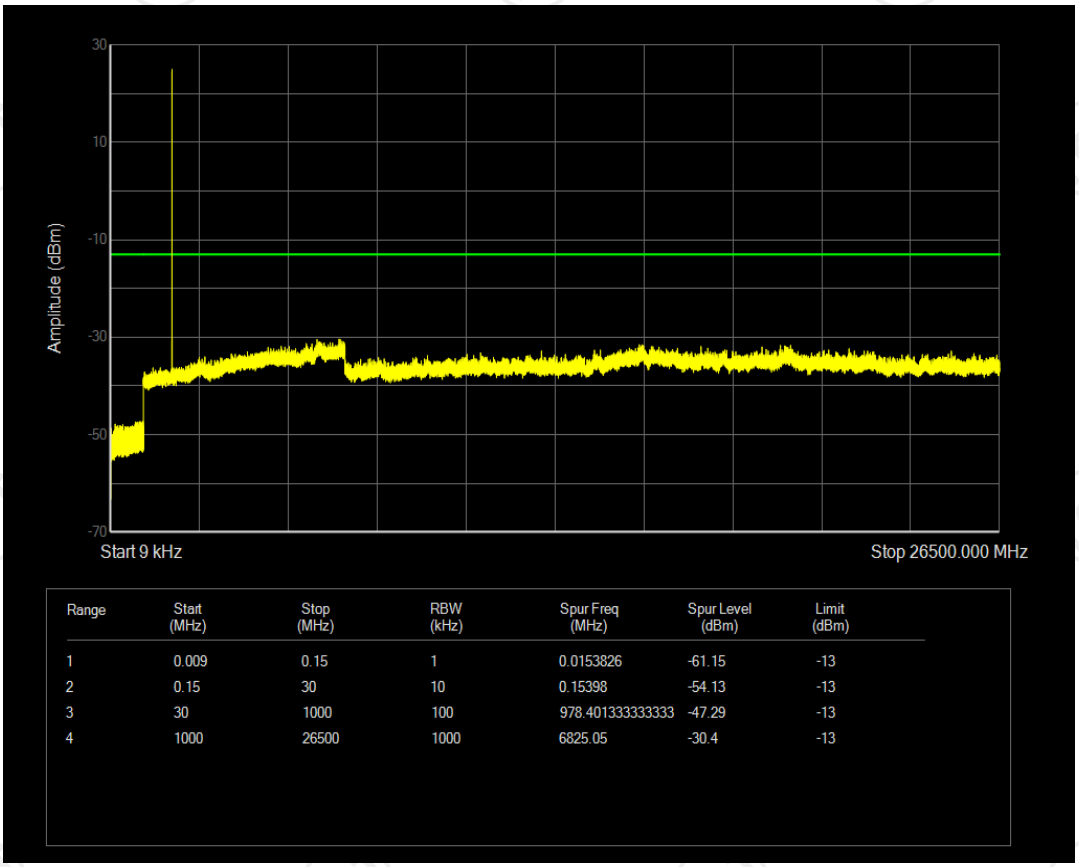


Date: 9.JUN.2023 14:10:06

6 Out-of-band emissions

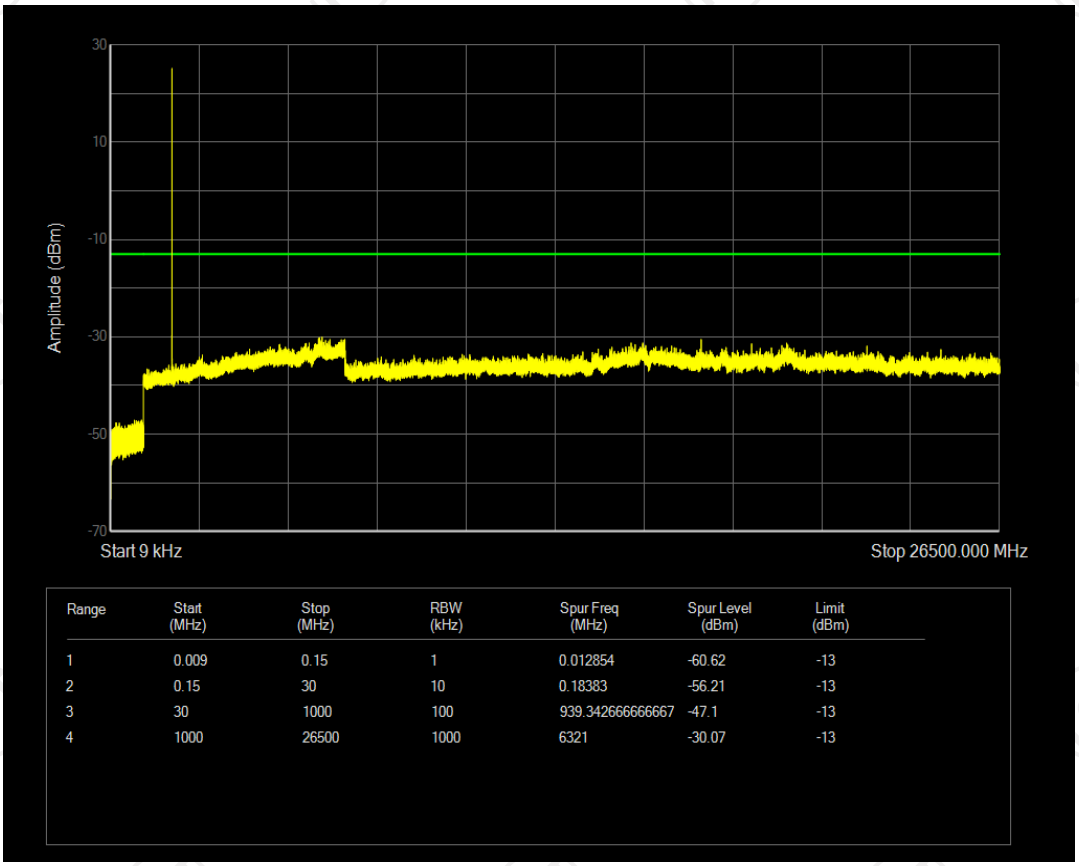
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band25	1.4	26047	6	#0	QPSK	6825.05	-30.40	-13	PASS
Band25	1.4	26047	6	#0	16QAM	6321.00	-30.07	-13	PASS
Band25	1.4	26683	6	#0	QPSK	6584.50	-30.20	-13	PASS
Band25	1.4	26683	6	#0	16QAM	6886.25	-29.84	-13	PASS
Band25	3	26055	15	#0	QPSK	6208.80	-30.27	-13	PASS
Band25	3	26055	15	#0	16QAM	6981.45	-29.97	-13	PASS
Band25	3	26675	15	#0	QPSK	6264.05	-29.92	-13	PASS
Band25	3	26675	15	#0	16QAM	6266.60	-30.53	-13	PASS
Band25	5	26065	25	#0	QPSK	6977.20	-29.47	-13	PASS
Band25	5	26065	25	#0	16QAM	6899.00	-29.90	-13	PASS
Band25	5	26665	25	#0	QPSK	6814.85	-30.21	-13	PASS
Band25	5	26665	25	#0	16QAM	6149.30	-29.96	-13	PASS
Band25	10	26090	50	#0	QPSK	6203.70	-30.12	-13	PASS
Band25	10	26090	50	#0	16QAM	6451.90	-30.26	-13	PASS
Band25	10	26640	50	#0	QPSK	6326.10	-30.28	-13	PASS
Band25	10	26640	50	#0	16QAM	6770.65	-29.88	-13	PASS
Band25	15	26115	75	#0	QPSK	6853.95	-30.12	-13	PASS
Band25	15	26115	75	#0	16QAM	6300.60	-30.75	-13	PASS
Band25	15	26615	75	#0	QPSK	6972.95	-29.99	-13	PASS
Band25	15	26615	75	#0	16QAM	6225.80	-29.69	-13	PASS
Band25	20	26140	100	#0	QPSK	6932.15	-29.83	-13	PASS
Band25	20	26140	100	#0	16QAM	6921.95	-30.05	-13	PASS
Band25	20	26590	100	#0	QPSK	6247.05	-29.87	-13	PASS
Band25	20	26590	100	#0	16QAM	6288.70	-30.35	-13	PASS

Band25 QPSK BW=1.4MHz Channel=26047 RB Size=6 Position=#0



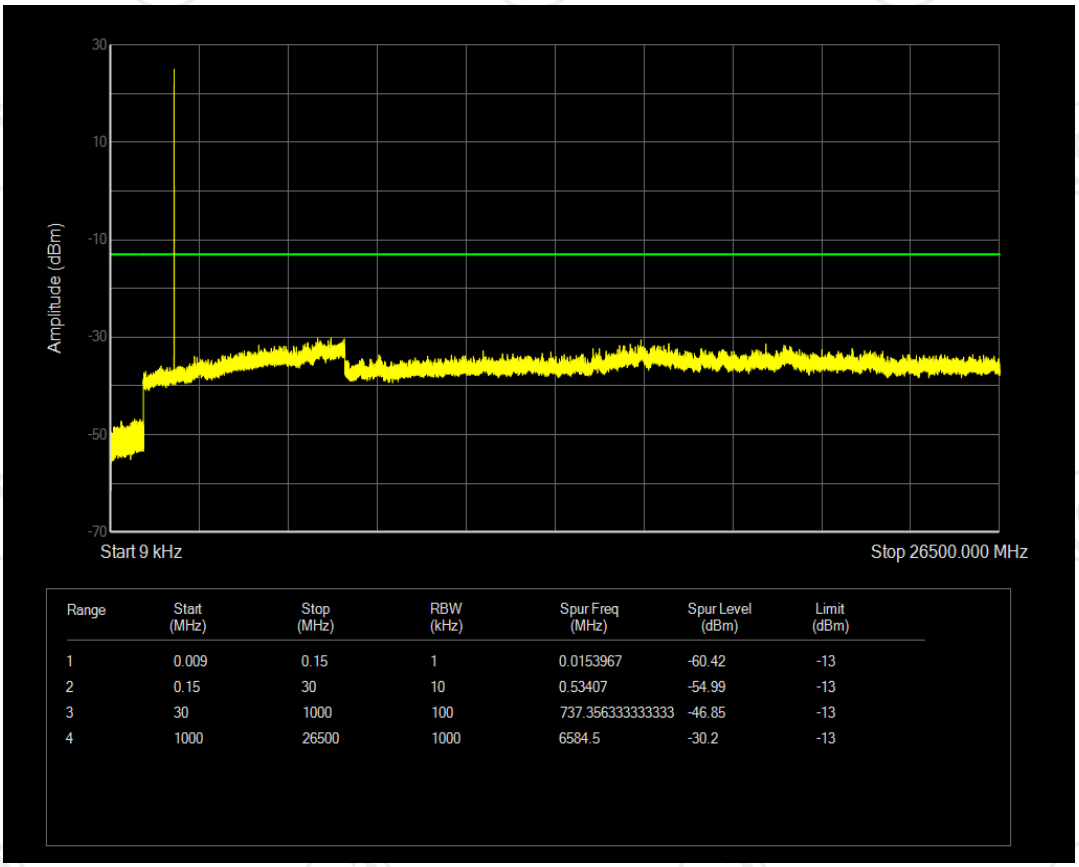
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0153826	-61.15	-13
2	0.15	30	10	0.15398	-54.13	-13
3	30	1000	100	978.401333333333	-47.29	-13
4	1000	26500	1000	6825.05	-30.4	-13

Band25 16QAM BW=1.4MHz Channel=26047 RB Size=6 Position=#0



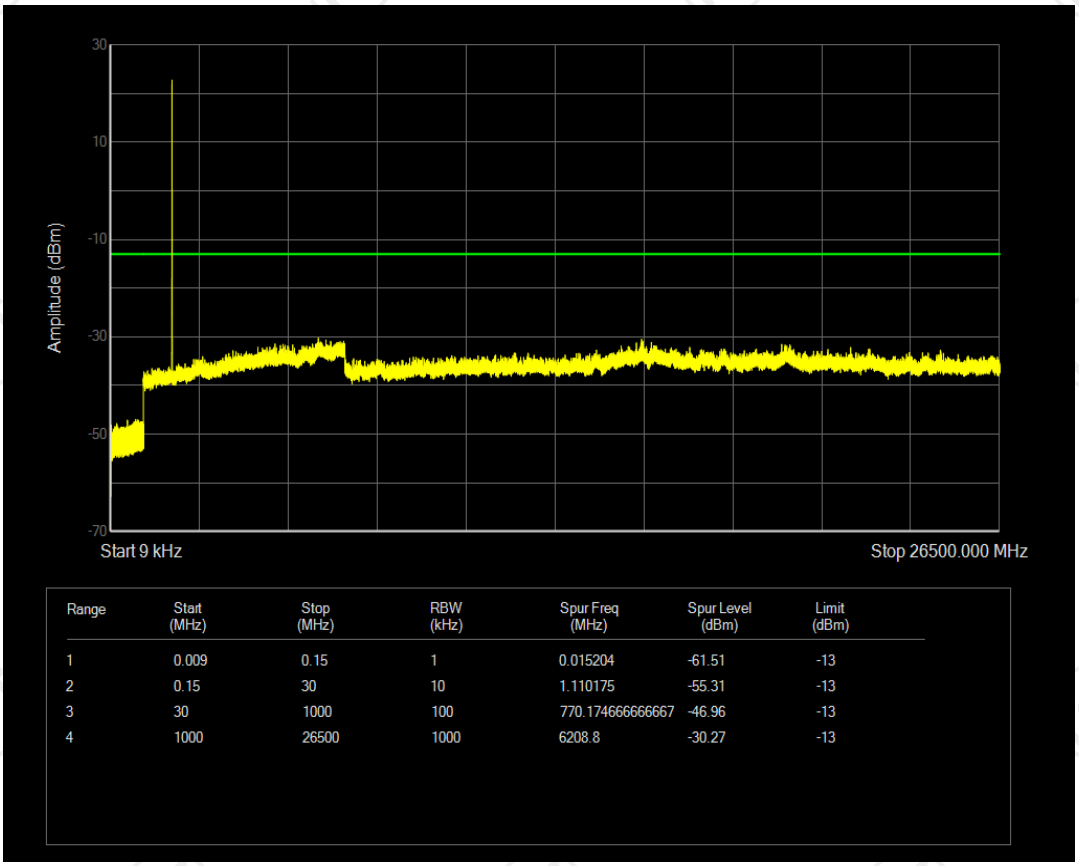
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012854	-60.62	-13
2	0.15	30	10	0.18383	-56.21	-13
3	30	1000	100	939.342666666667	-47.1	-13
4	1000	26500	1000	6321	-30.07	-13

Band25 QPSK BW=1.4MHz Channel=26683 RB Size=6 Position=#0



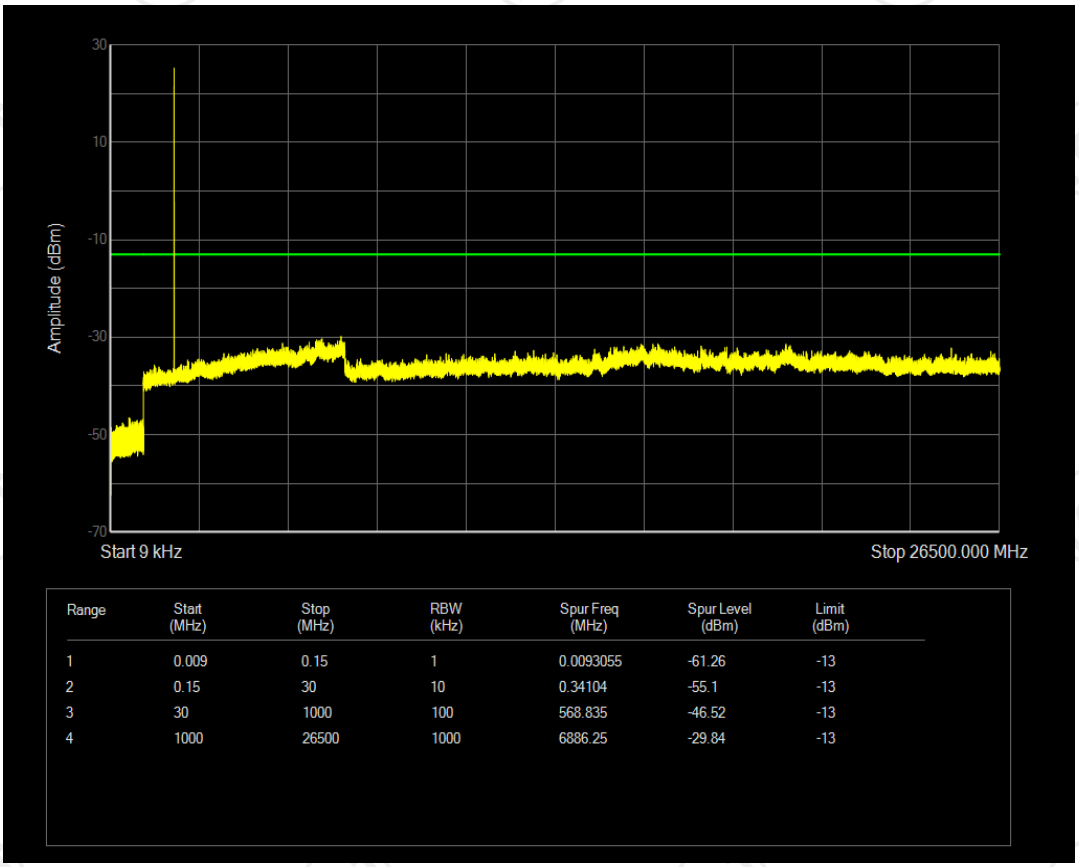
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0153967	-60.42	-13
2	0.15	30	10	0.53407	-54.99	-13
3	30	1000	100	737.356333333333	-46.85	-13
4	1000	26500	1000	6584.5	-30.2	-13

Band25 QPSK BW=3MHz Channel=26055 RB Size=15 Position=#0



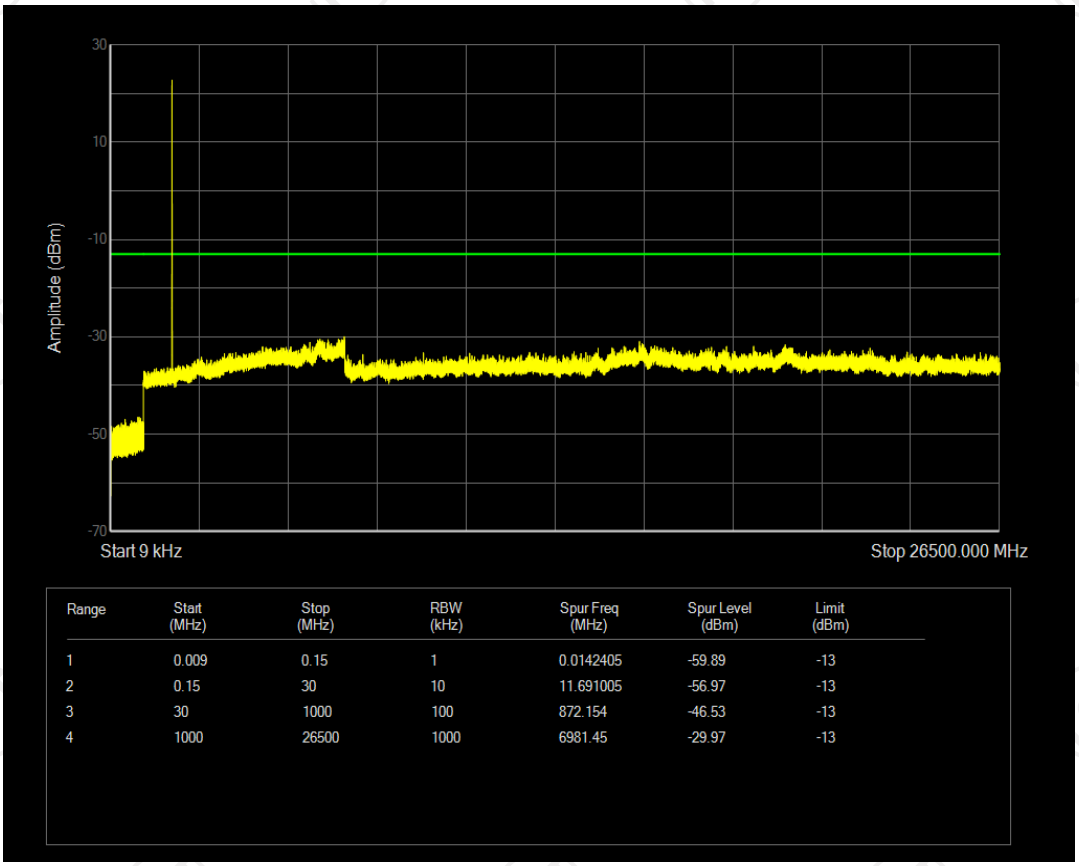
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.015204	-61.51	-13
2	0.15	30	10	1.110175	-55.31	-13
3	30	1000	100	770.174666666667	-46.96	-13
4	1000	26500	1000	6208.8	-30.27	-13

Band25 16QAM BW=1.4MHz Channel=26683 RB Size=6 Position=#0



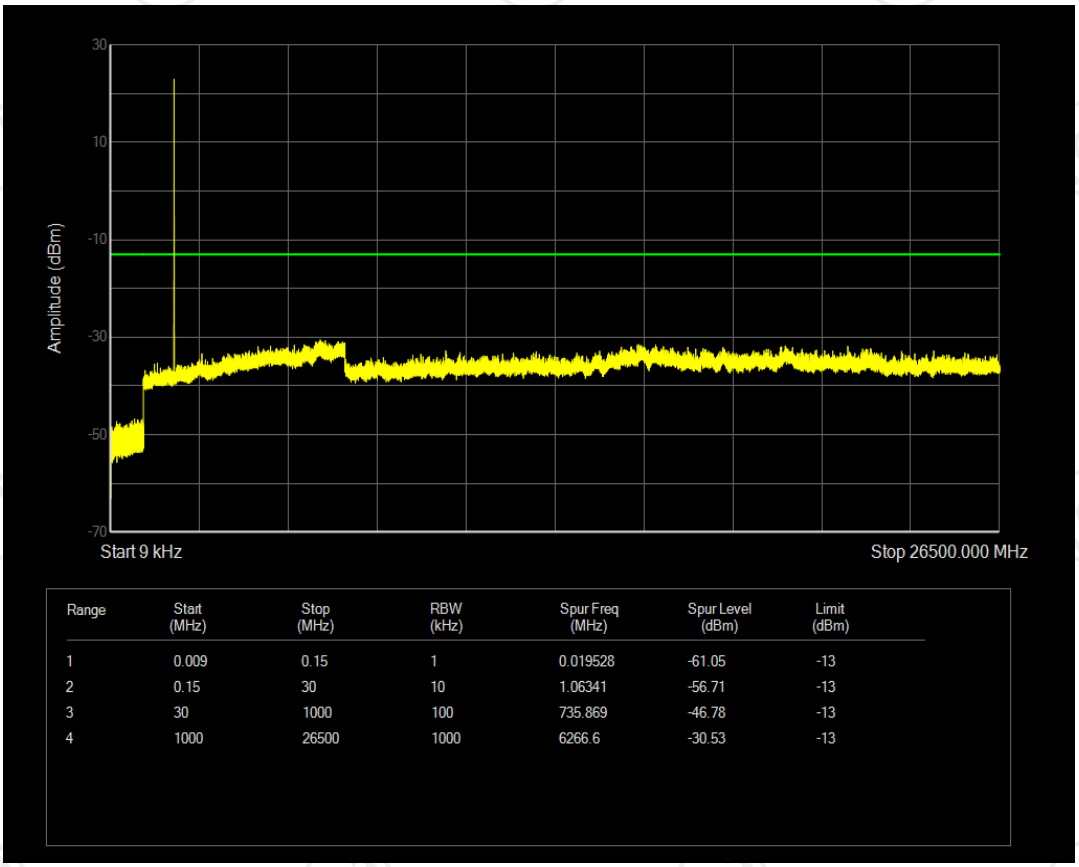
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093055	-61.26	-13
2	0.15	30	10	0.34104	-55.1	-13
3	30	1000	100	568.835	-46.52	-13
4	1000	26500	1000	6886.25	-29.84	-13

Band25 16QAM BW=3MHz Channel=26055 RB Size=15 Position=#0



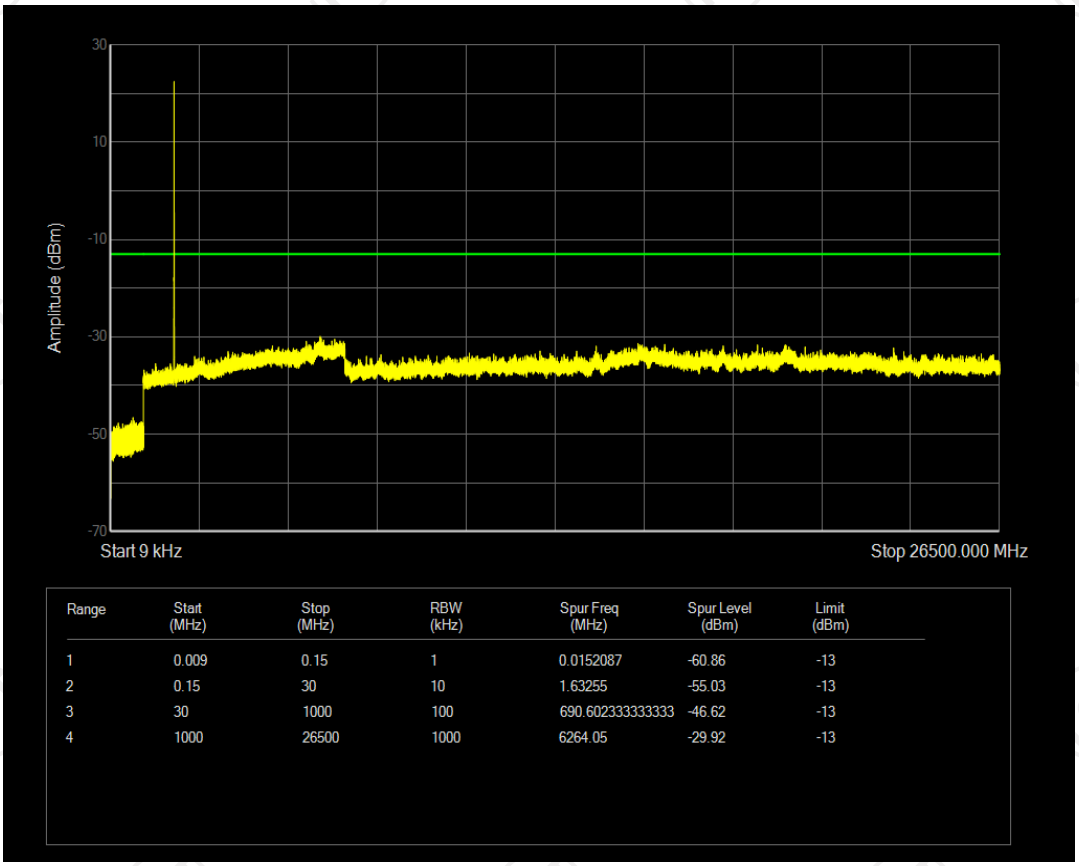
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0142405	-59.89	-13
2	0.15	30	10	11.691005	-56.97	-13
3	30	1000	100	872.154	-46.53	-13
4	1000	26500	1000	6981.45	-29.97	-13

Band25 16QAM BW=3MHz Channel=26675 RB Size=15 Position=#0



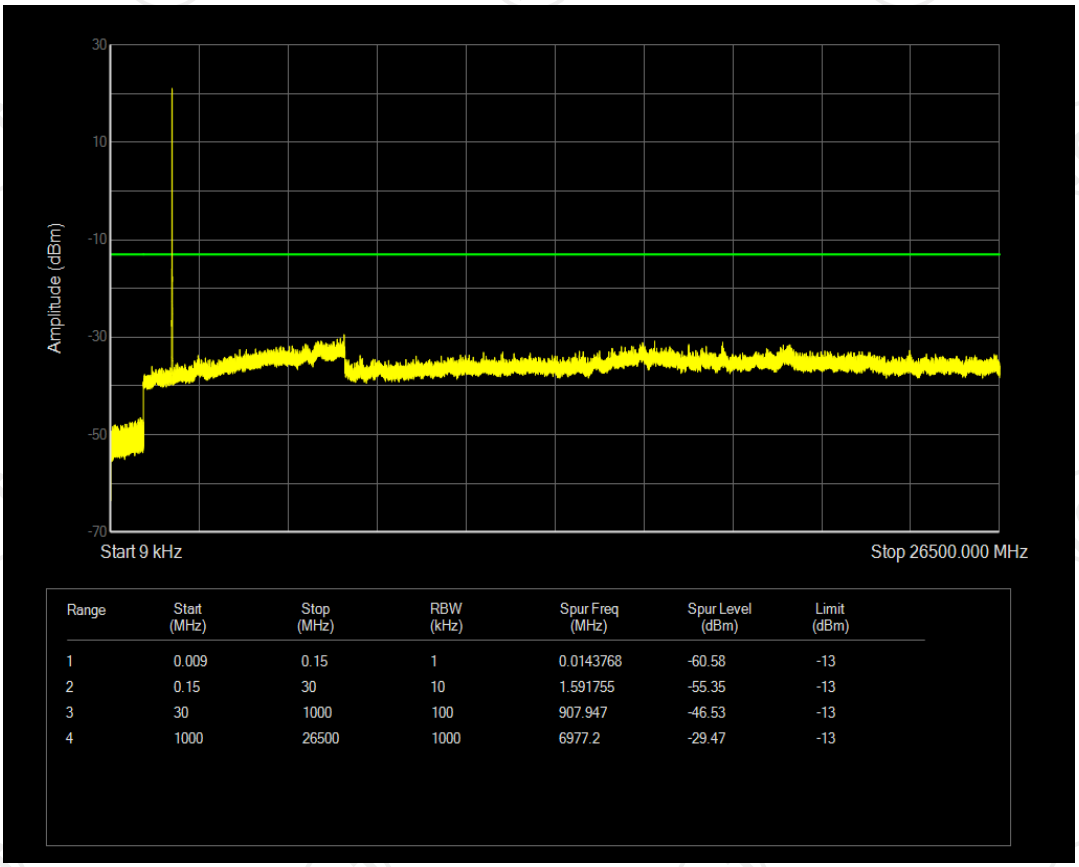
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.019528	-61.05	-13
2	0.15	30	10	1.06341	-56.71	-13
3	30	1000	100	735.869	-46.78	-13
4	1000	26500	1000	6266.6	-30.53	-13

Band25 QPSK BW=3MHz Channel=26675 RB Size=15 Position=#0



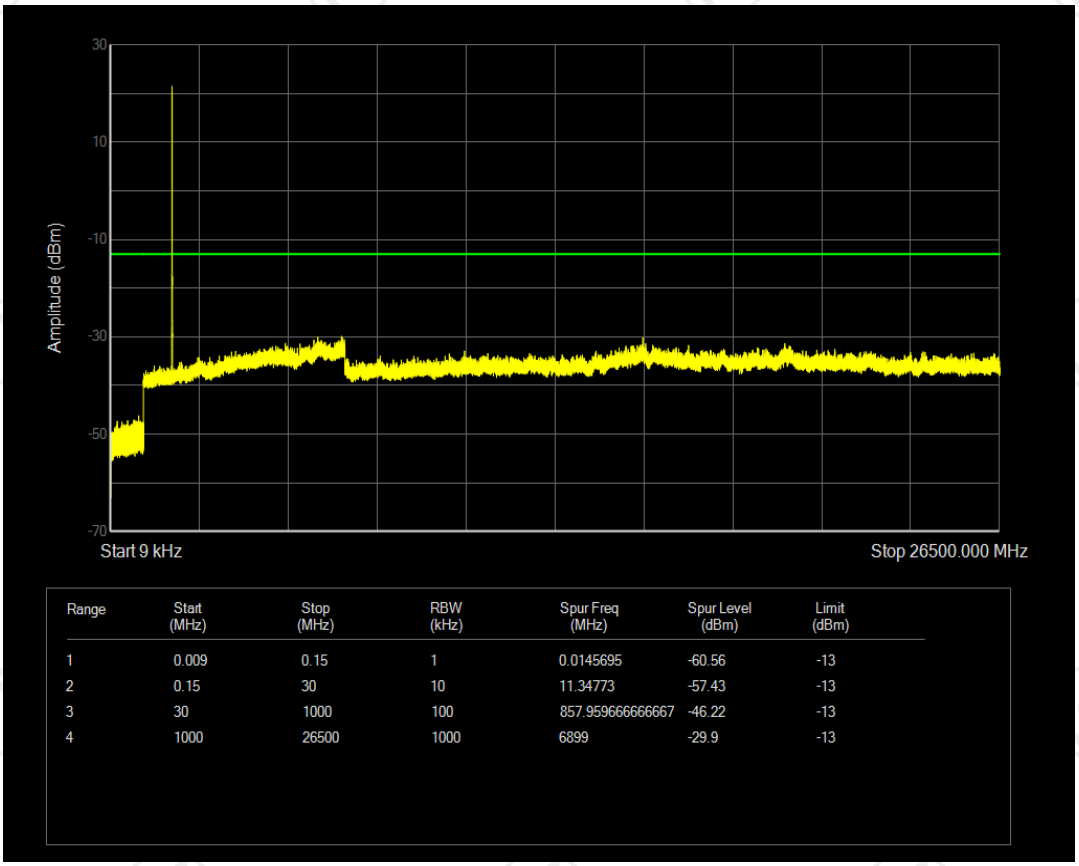
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0152087	-60.86	-13
2	0.15	30	10	1.63255	-55.03	-13
3	30	1000	100	690.602333333333	-46.62	-13
4	1000	26500	1000	6264.05	-29.92	-13

Band25 QPSK BW=5MHz Channel=26065 RB Size=25 Position=#0



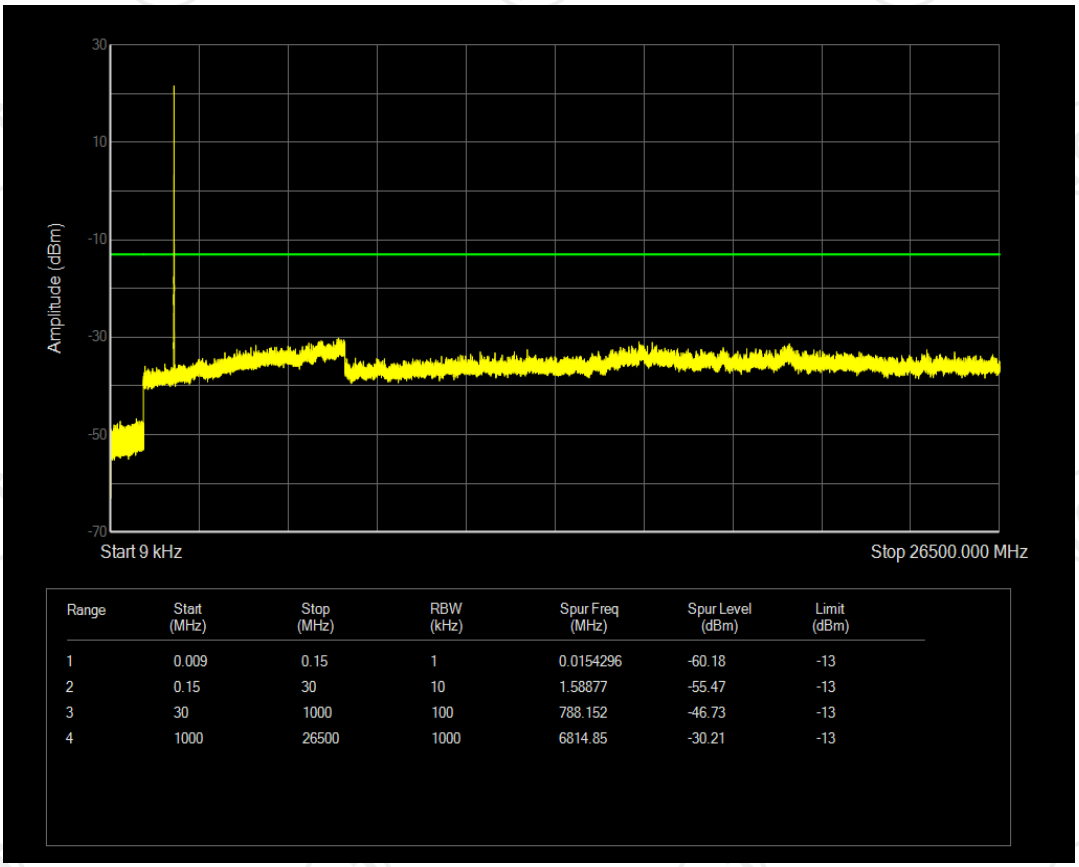
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0143768	-60.58	-13
2	0.15	30	10	1.591755	-55.35	-13
3	30	1000	100	907.947	-46.53	-13
4	1000	26500	1000	6977.2	-29.47	-13

Band25 16QAM BW=5MHz Channel=26065 RB Size=25 Position=#0



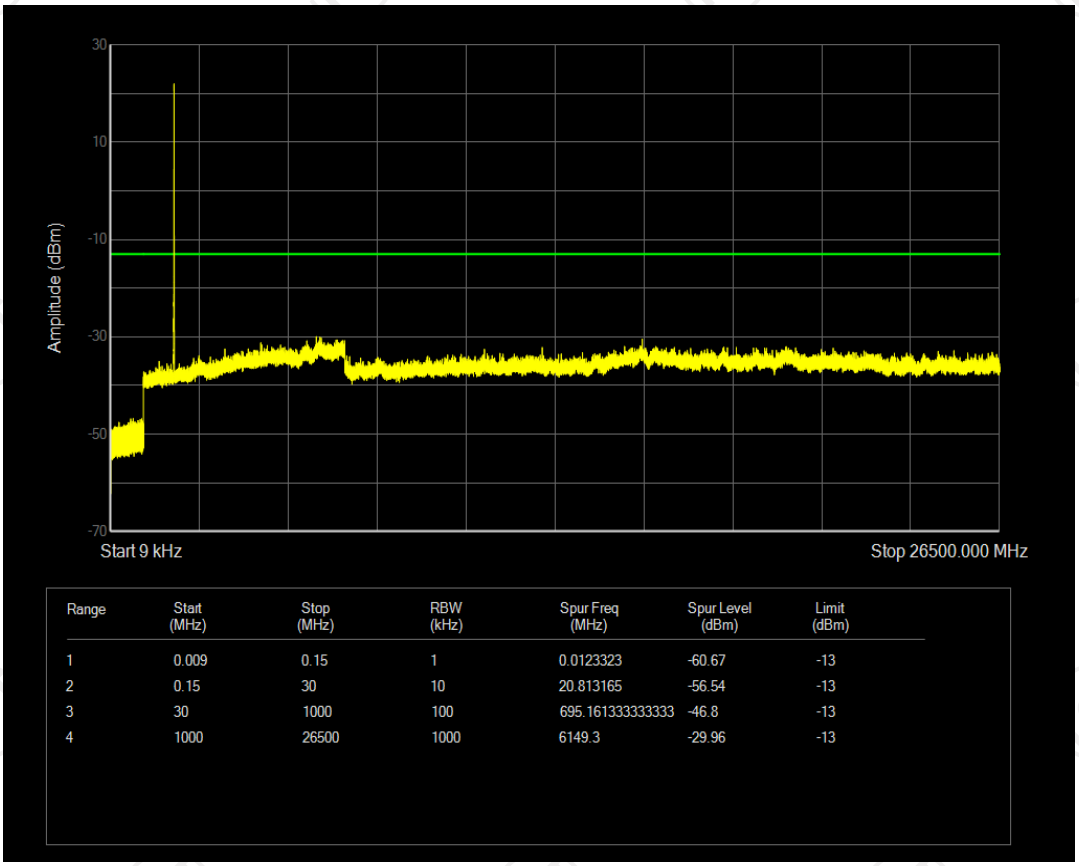
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0145695	-60.56	-13
2	0.15	30	10	11.34773	-57.43	-13
3	30	1000	100	857.959666666667	-46.22	-13
4	1000	26500	1000	6899	-29.9	-13

Band25 QPSK BW=5MHz Channel=26665 RB Size=25 Position=#0



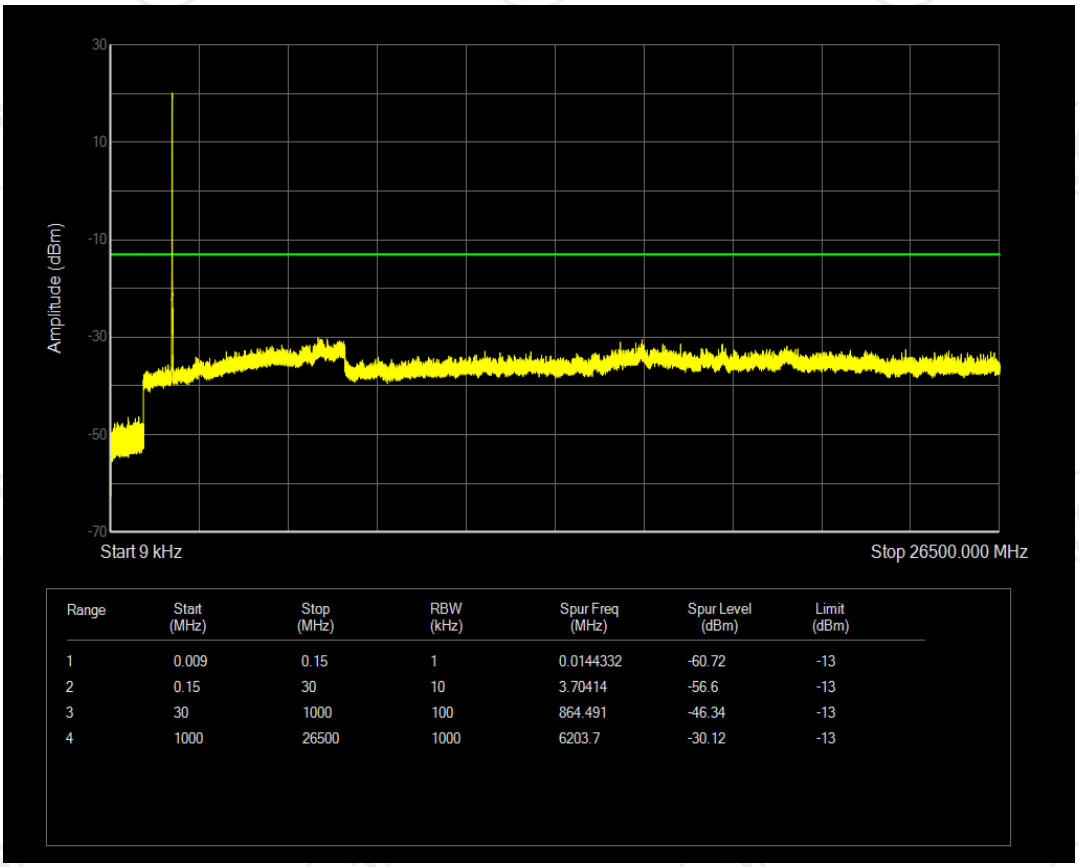
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0154296	-60.18	-13
2	0.15	30	10	1.58877	-55.47	-13
3	30	1000	100	788.152	-46.73	-13
4	1000	26500	1000	6814.85	-30.21	-13

Band25 16QAM BW=5MHz Channel=26665 RB Size=25 Position=#0



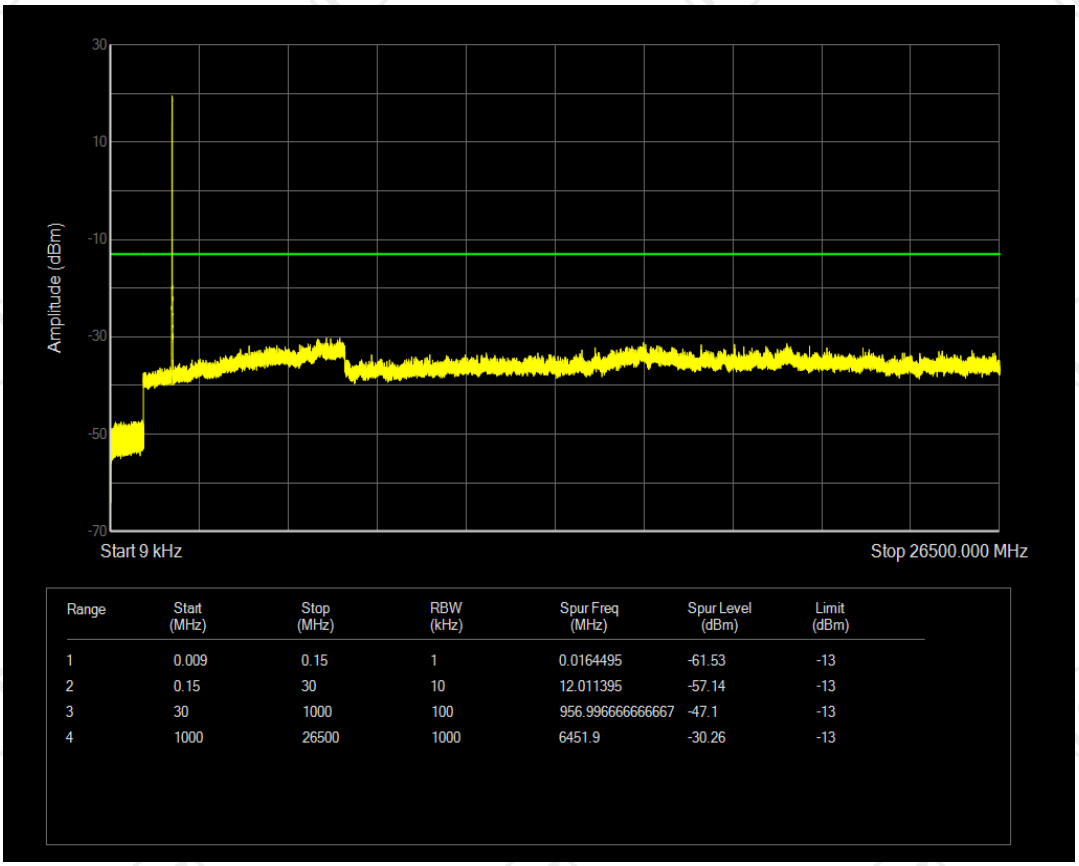
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0123323	-60.67	-13
2	0.15	30	10	20.813165	-56.54	-13
3	30	1000	100	695.161333333333	-46.8	-13
4	1000	26500	1000	6149.3	-29.96	-13

Band25 QPSK BW=10MHz Channel=26090 RB Size=50 Position=#0



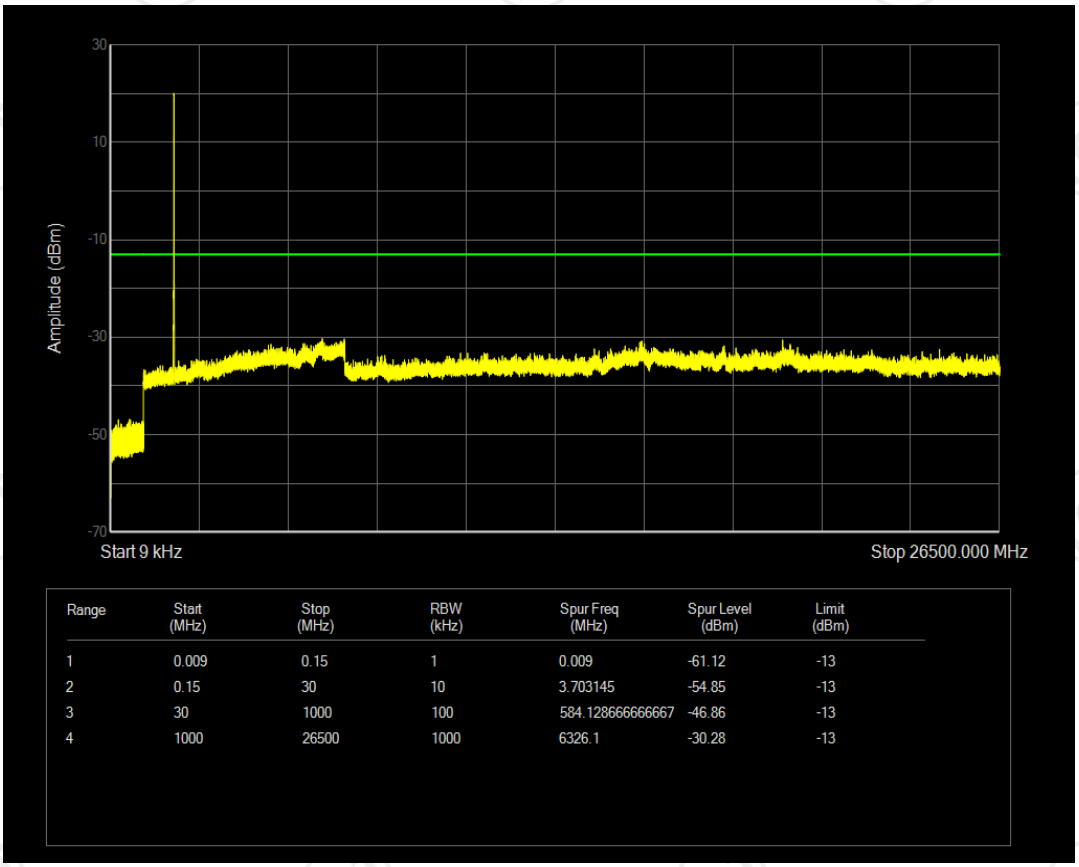
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0144332	-60.72	-13
2	0.15	30	10	3.70414	-56.6	-13
3	30	1000	100	864.491	-46.34	-13
4	1000	26500	1000	6203.7	-30.12	-13

Band25 16QAM BW=10MHz Channel=26090 RB Size=50 Position=#0



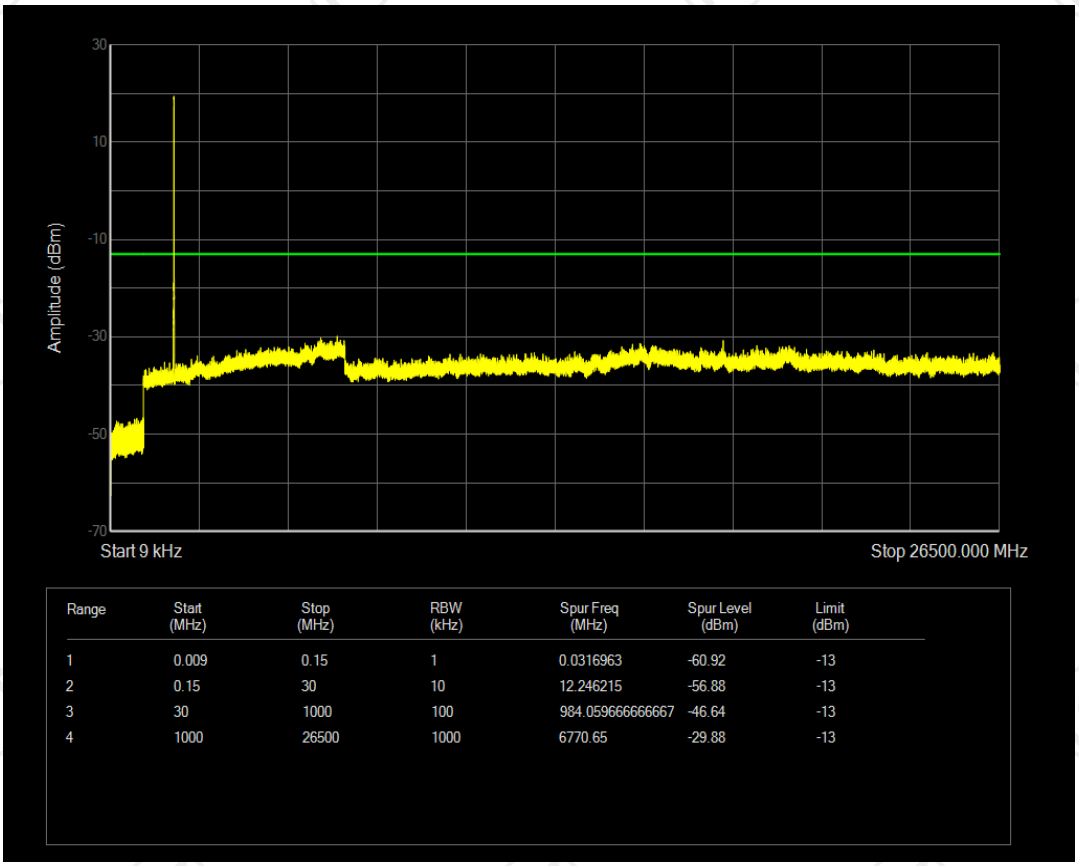
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0164495	-61.53	-13
2	0.15	30	10	12.011395	-57.14	-13
3	30	1000	100	956.996666666667	-47.1	-13
4	1000	26500	1000	6451.9	-30.26	-13

Band25 QPSK BW=10MHz Channel=26640 RB Size=50 Position=#0



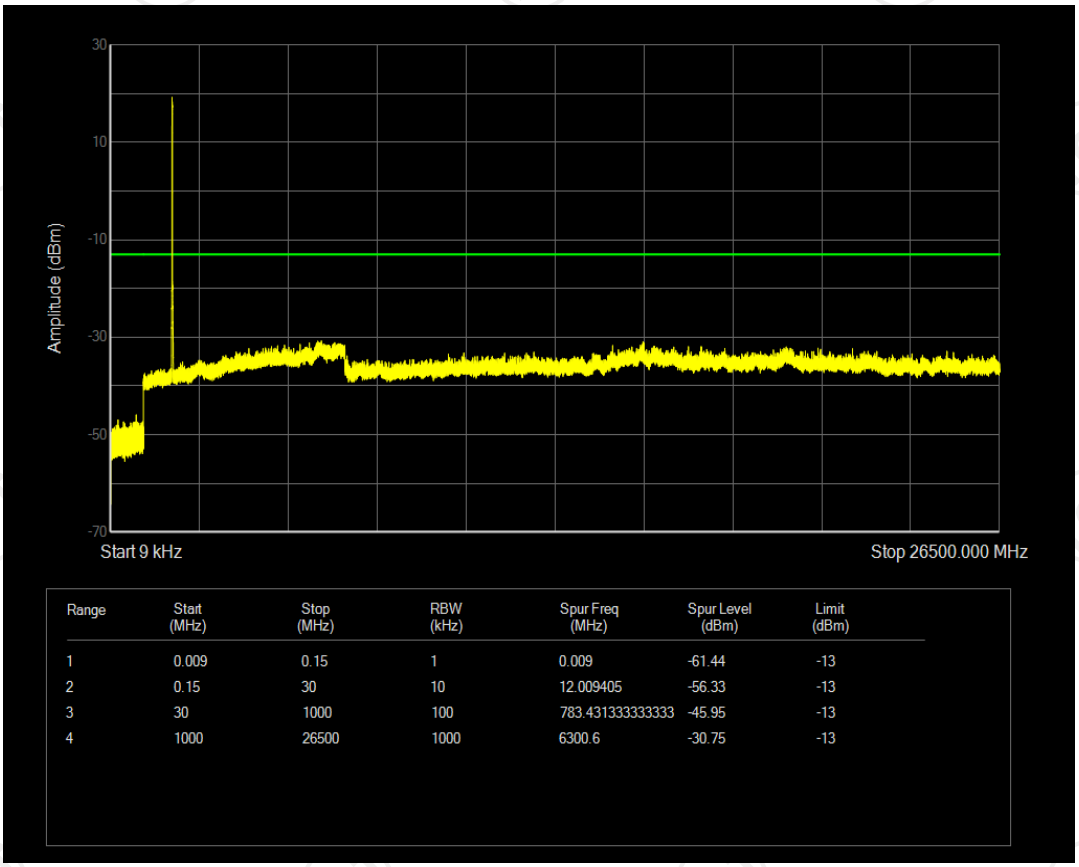
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-61.12	-13
2	0.15	30	10	3.703145	-54.85	-13
3	30	1000	100	584.128666666667	-46.86	-13
4	1000	26500	1000	6326.1	-30.28	-13

Band25 16QAM BW=10MHz Channel=26640 RB Size=50 Position=#0



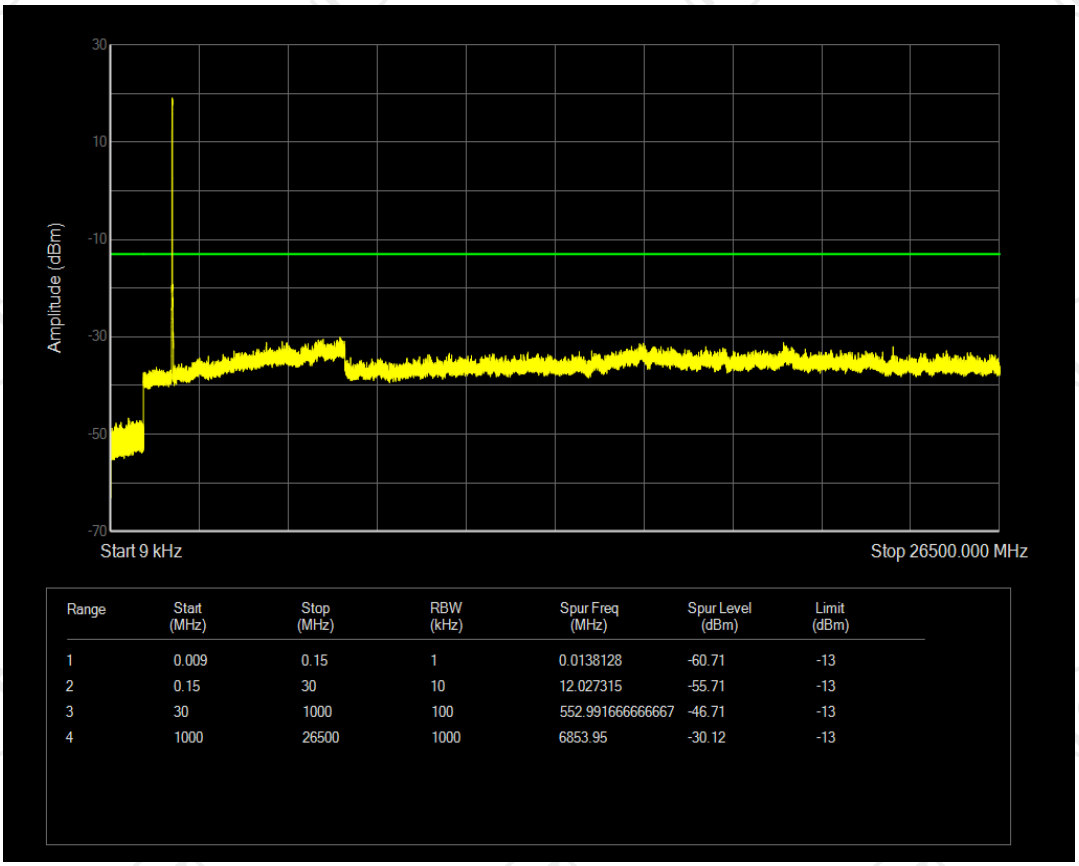
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0316963	-60.92	-13
2	0.15	30	10	12.246215	-56.88	-13
3	30	1000	100	984.059666666667	-46.64	-13
4	1000	26500	1000	6770.65	-29.88	-13

Band25 16QAM BW=15MHz Channel=26115 RB Size=75 Position=#0



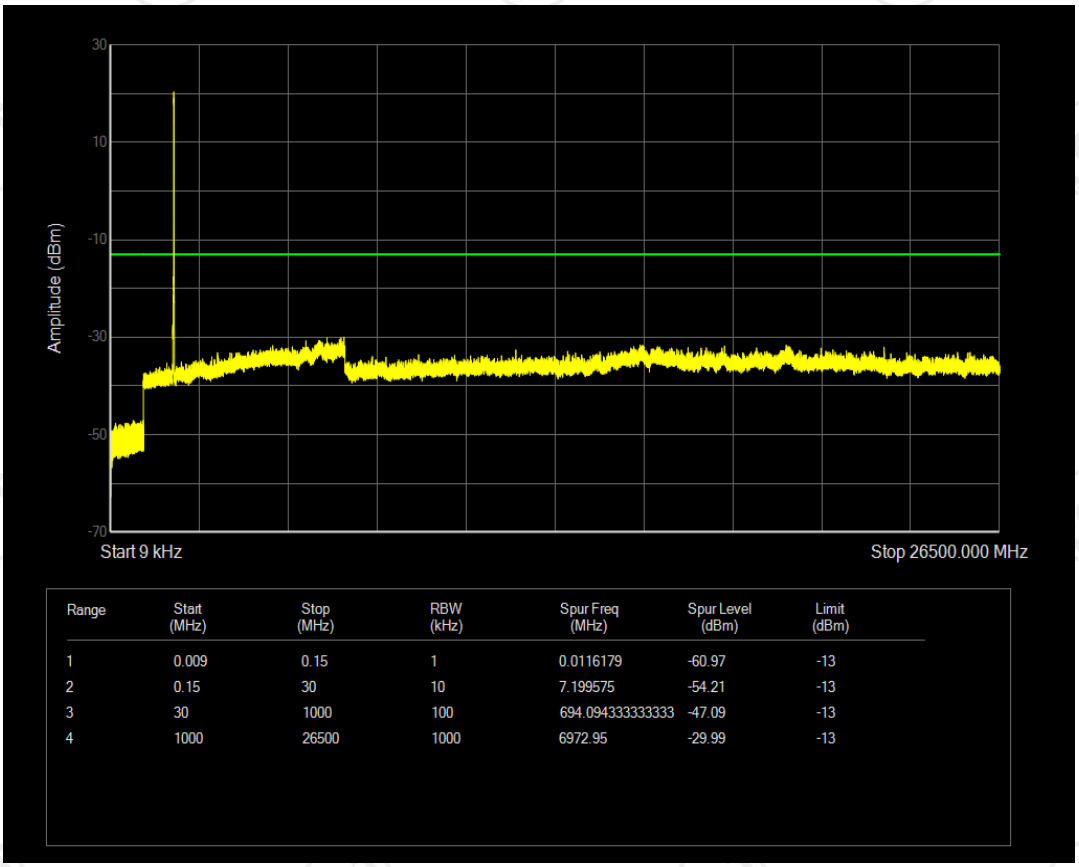
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-61.44	-13
2	0.15	30	10	12.009405	-56.33	-13
3	30	1000	100	783.431333333333	-45.95	-13
4	1000	26500	1000	6300.6	-30.75	-13

Band25 QPSK BW=15MHz Channel=26115 RB Size=75 Position=#0



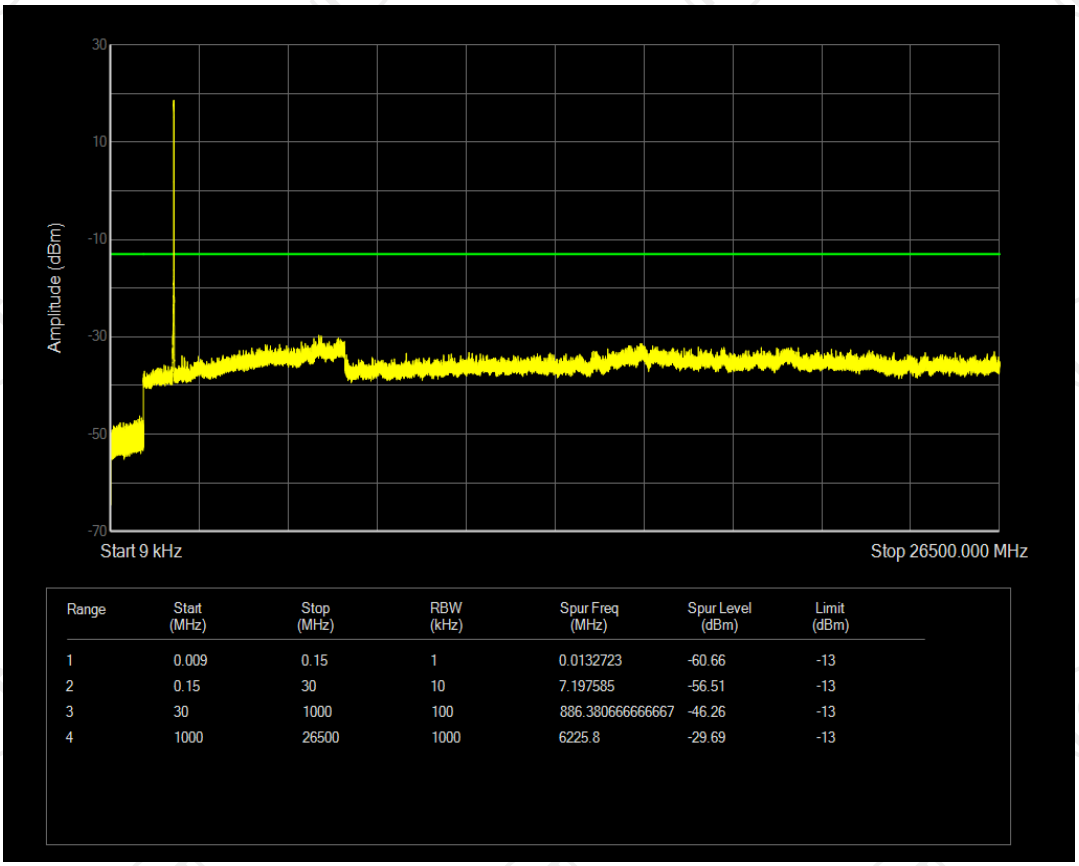
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0138128	-60.71	-13
2	0.15	30	10	12.027315	-55.71	-13
3	30	1000	100	552.991666666667	-46.71	-13
4	1000	26500	1000	6853.95	-30.12	-13

Band25 QPSK BW=15MHz Channel=26615 RB Size=75 Position=#0



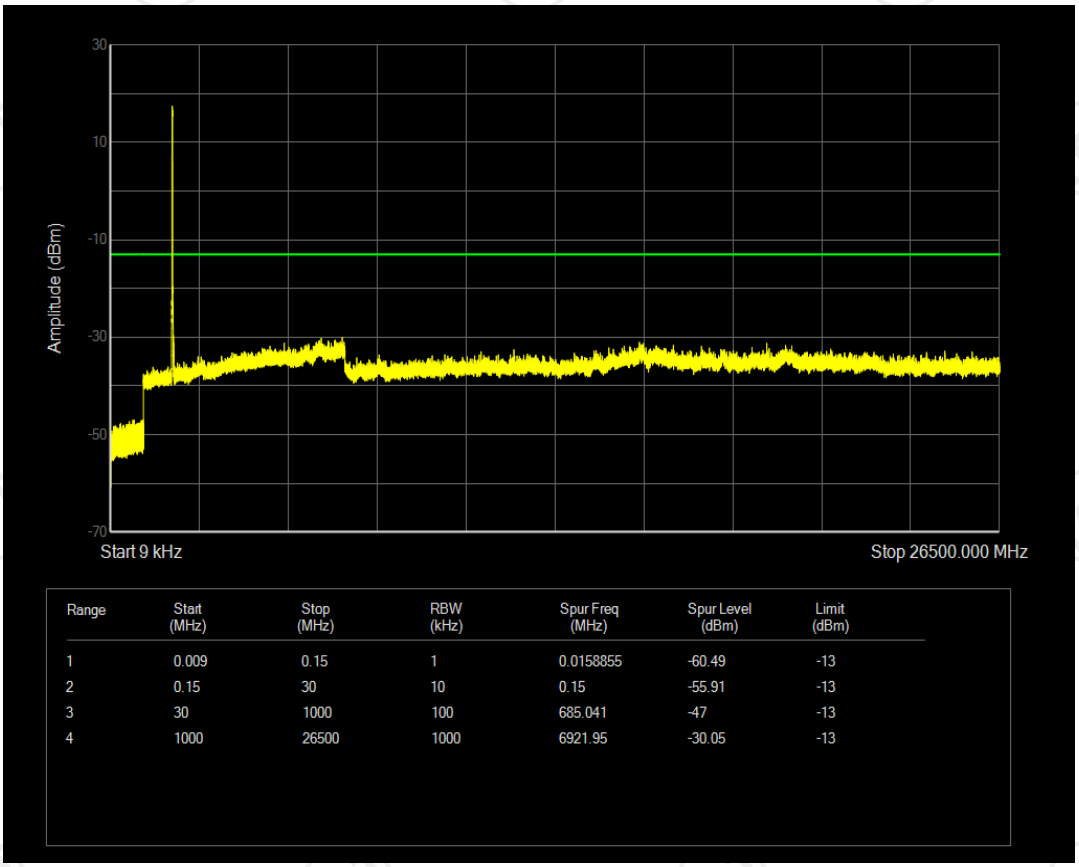
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0116179	-60.97	-13
2	0.15	30	10	7.199575	-54.21	-13
3	30	1000	100	694.094333333333	-47.09	-13
4	1000	26500	1000	6972.95	-29.99	-13

Band25 16QAM BW=15MHz Channel=26615 RB Size=75 Position=#0



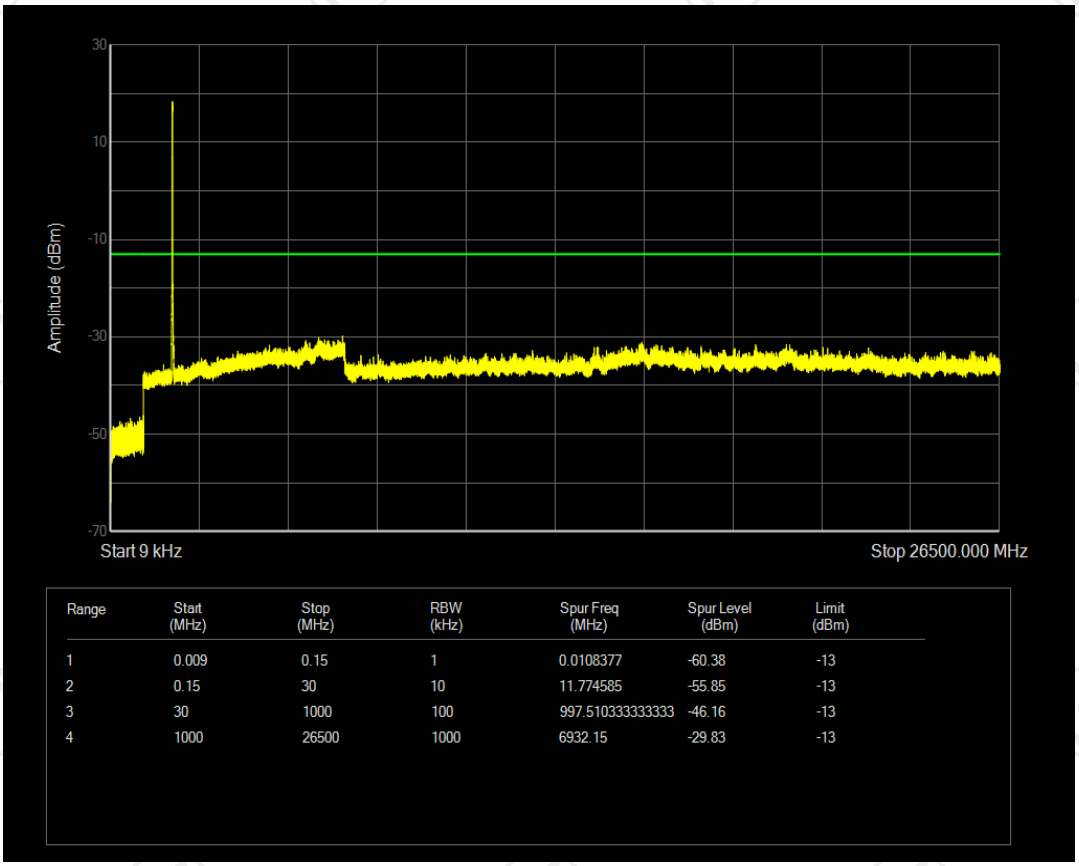
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0132723	-60.66	-13
2	0.15	30	10	7.197585	-56.51	-13
3	30	1000	100	886.380666666667	-46.26	-13
4	1000	26500	1000	6225.8	-29.69	-13

Band25 16QAM BW=20MHz Channel=26140 RB Size=100 Position=#0



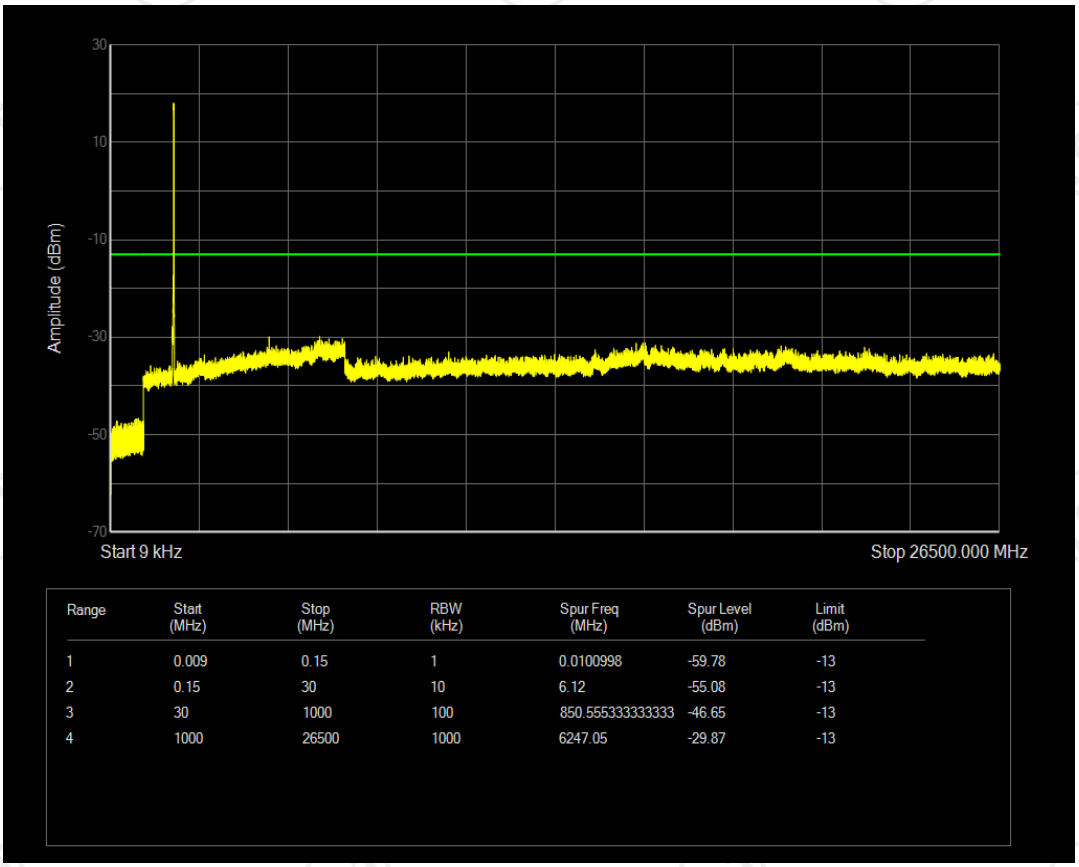
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0158855	-60.49	-13
2	0.15	30	10	0.15	-55.91	-13
3	30	1000	100	685.041	-47	-13
4	1000	26500	1000	6921.95	-30.05	-13

Band25 QPSK BW=20MHz Channel=26140 RB Size=100 Position=#0



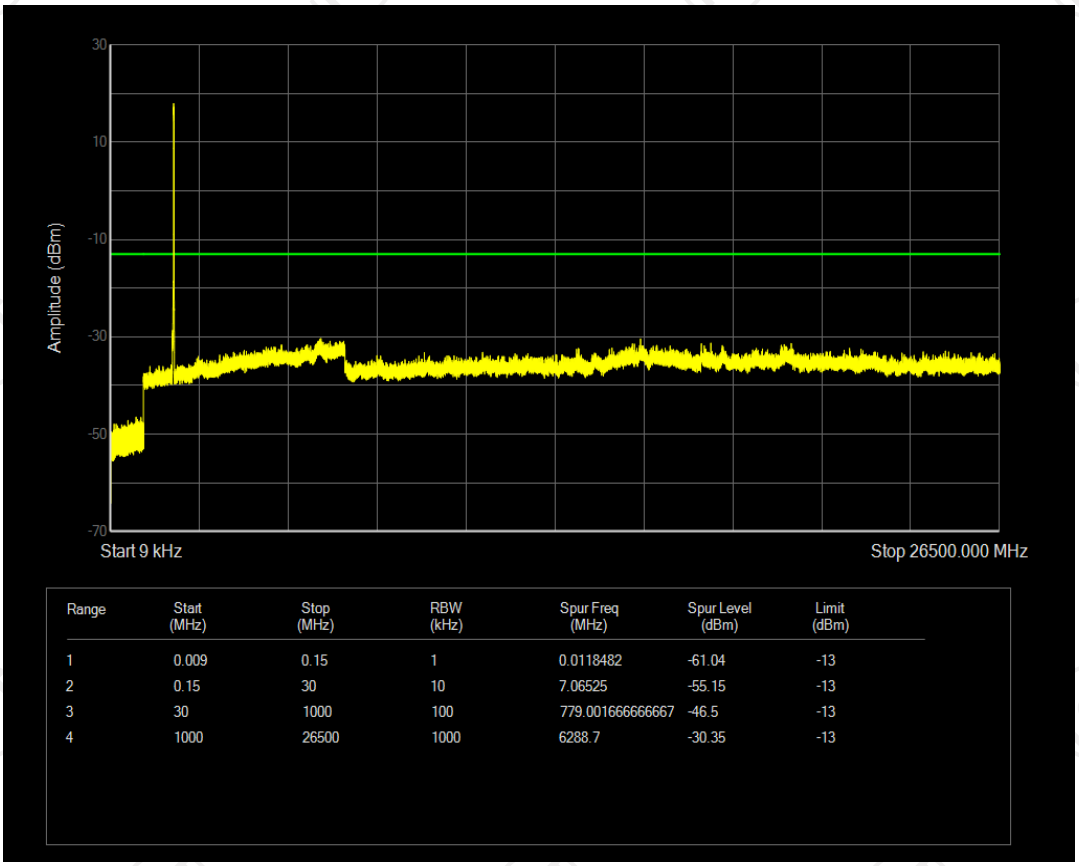
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0108377	-60.38	-13
2	0.15	30	10	11.774585	-55.85	-13
3	30	1000	100	997.510333333333	-46.16	-13
4	1000	26500	1000	6932.15	-29.83	-13

Band25 QPSK BW=20MHz Channel=26590 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100998	-59.78	-13
2	0.15	30	10	6.12	-55.08	-13
3	30	1000	100	850.555333333333	-46.65	-13
4	1000	26500	1000	6247.05	-29.87	-13

Band25 16QAM BW=20MHz Channel=26590 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0118482	-61.04	-13
2	0.15	30	10	7.06525	-55.15	-13
3	30	1000	100	779.001666666667	-46.5	-13
4	1000	26500	1000	6288.7	-30.35	-13