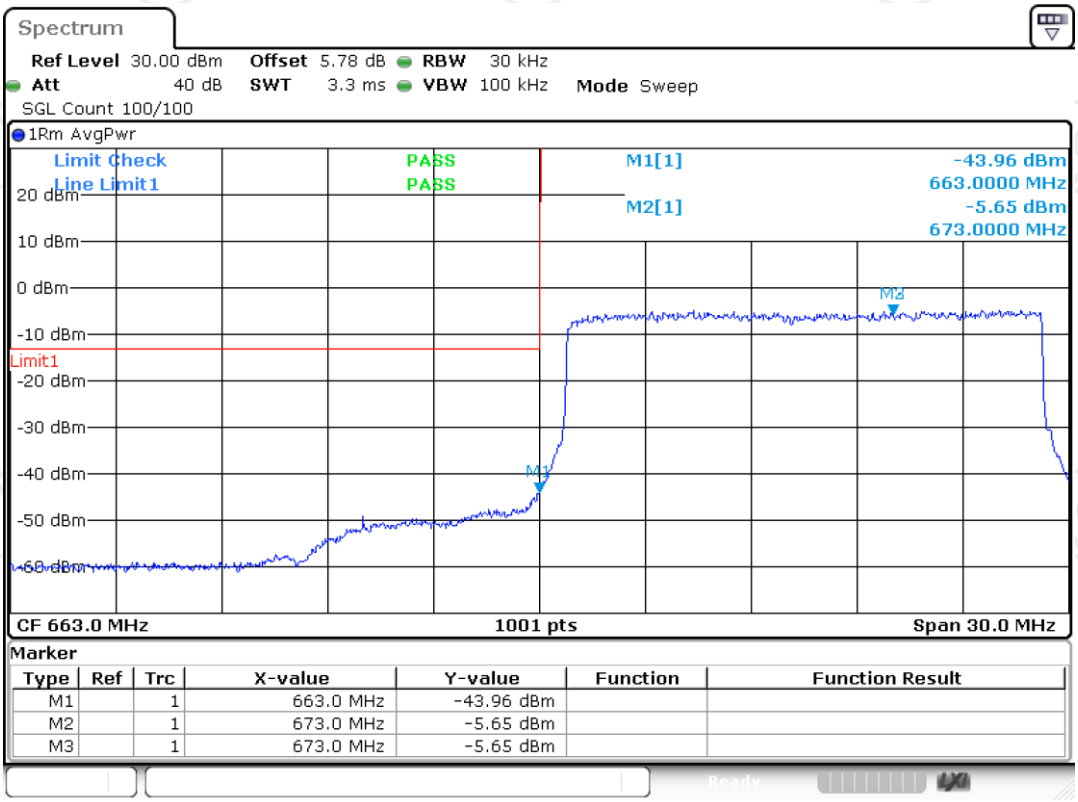
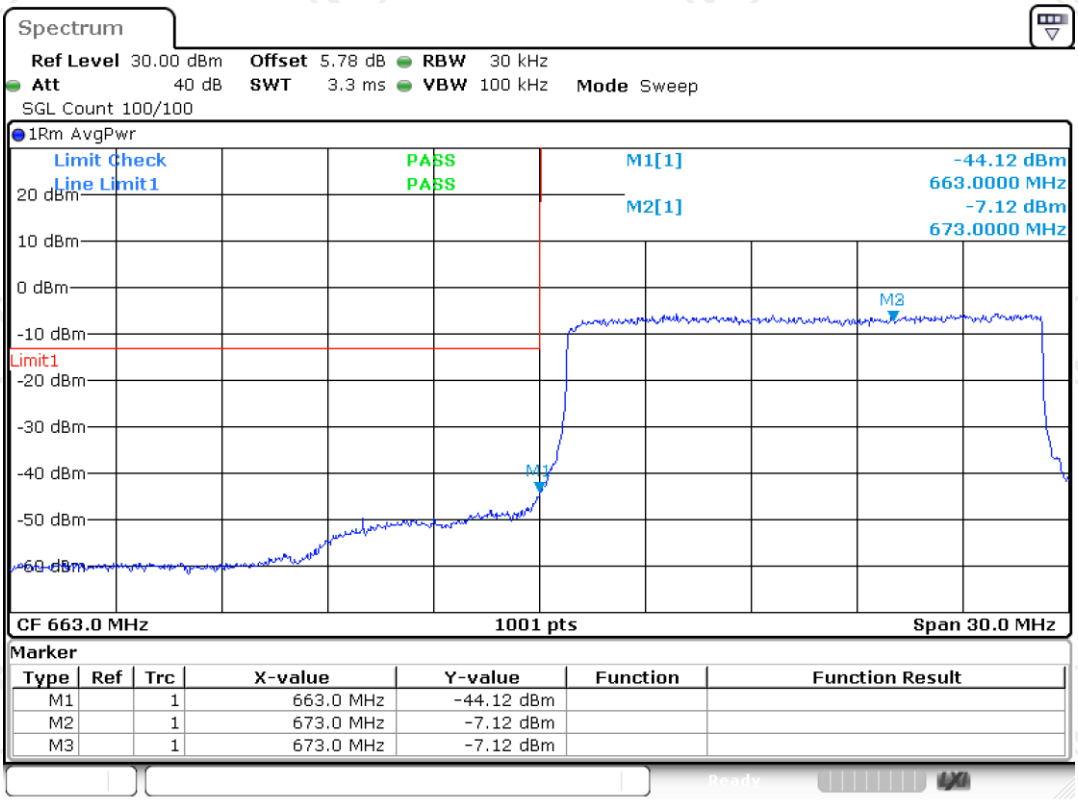
Band71 QPSK BW=15MHz Channel=133197 RB Size=75 Position=#0



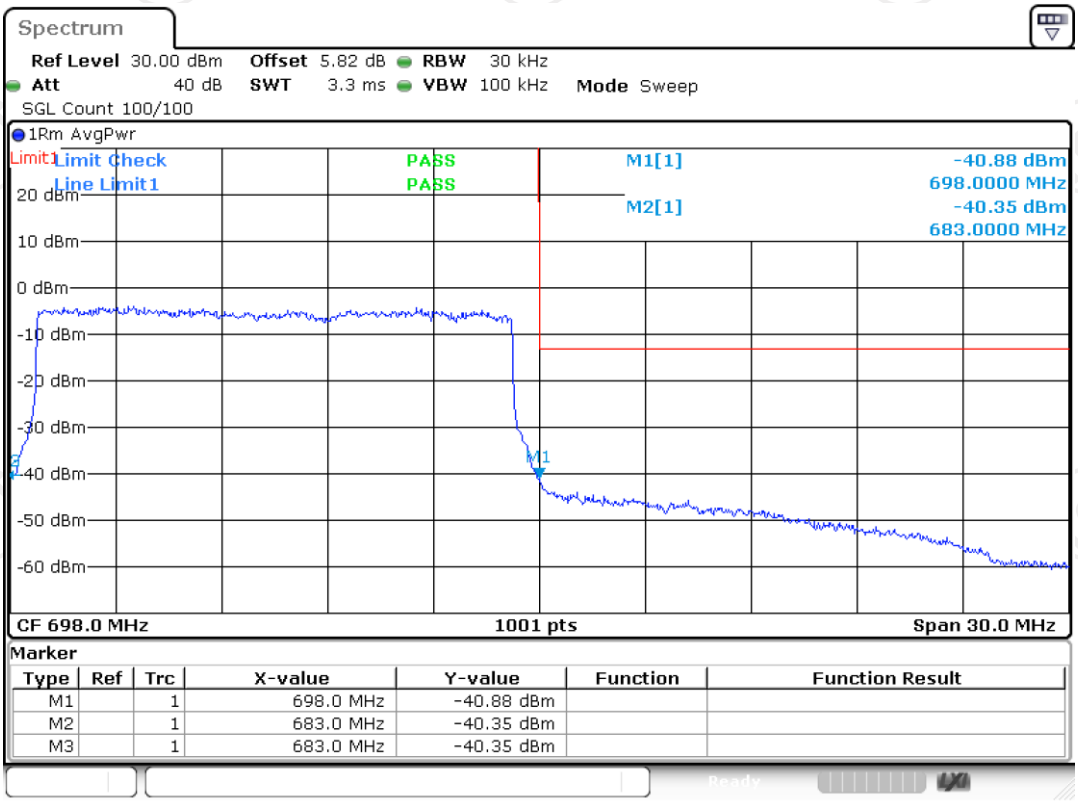
Date: 14.JUN.2023 13:16:56

Band71 16QAM BW=15MHz Channel=133197 RB Size=75 Position=#0



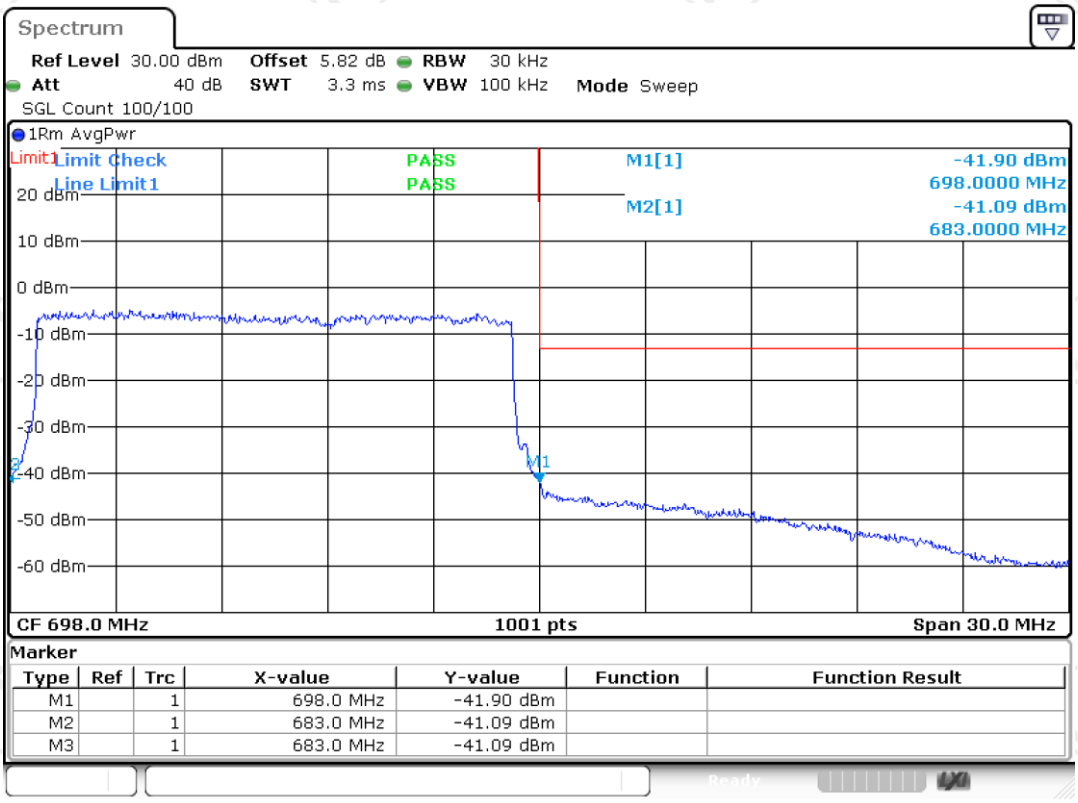
Date: 14.JUN.2023 13:17:01

Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0



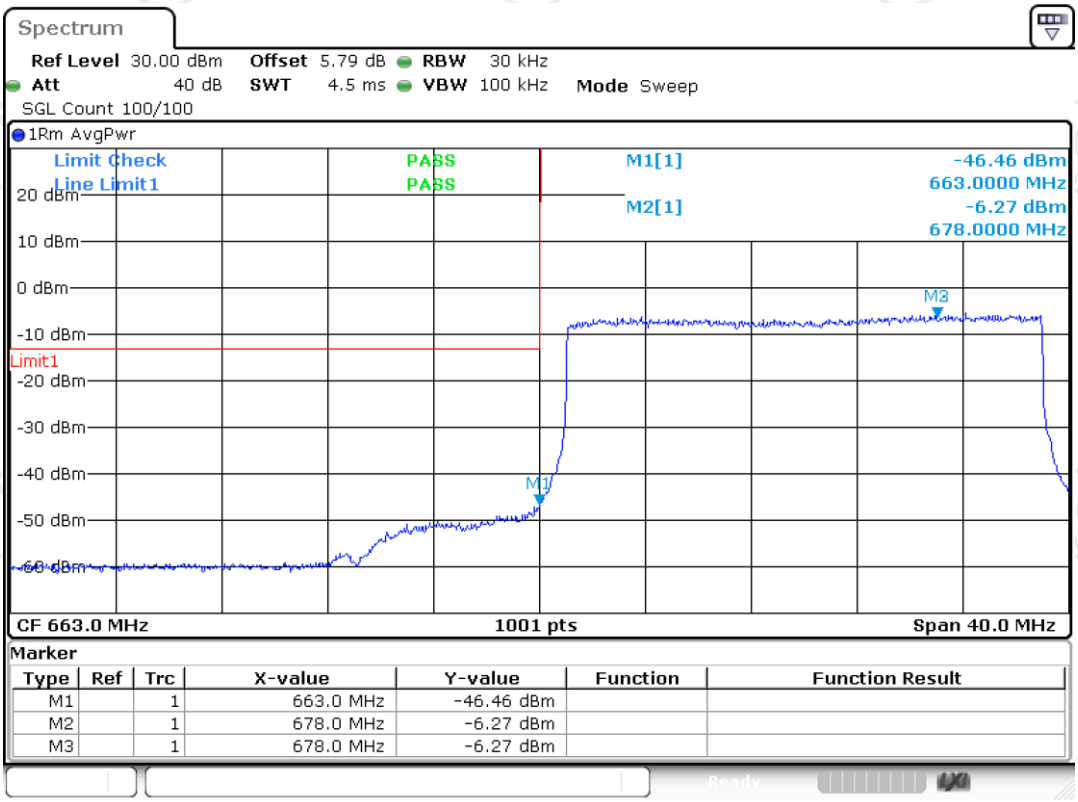
Date: 14.JUN.2023 13:17:08

Band71 16QAM BW=15MHz Channel=133397 RB Size=75 Position=#0



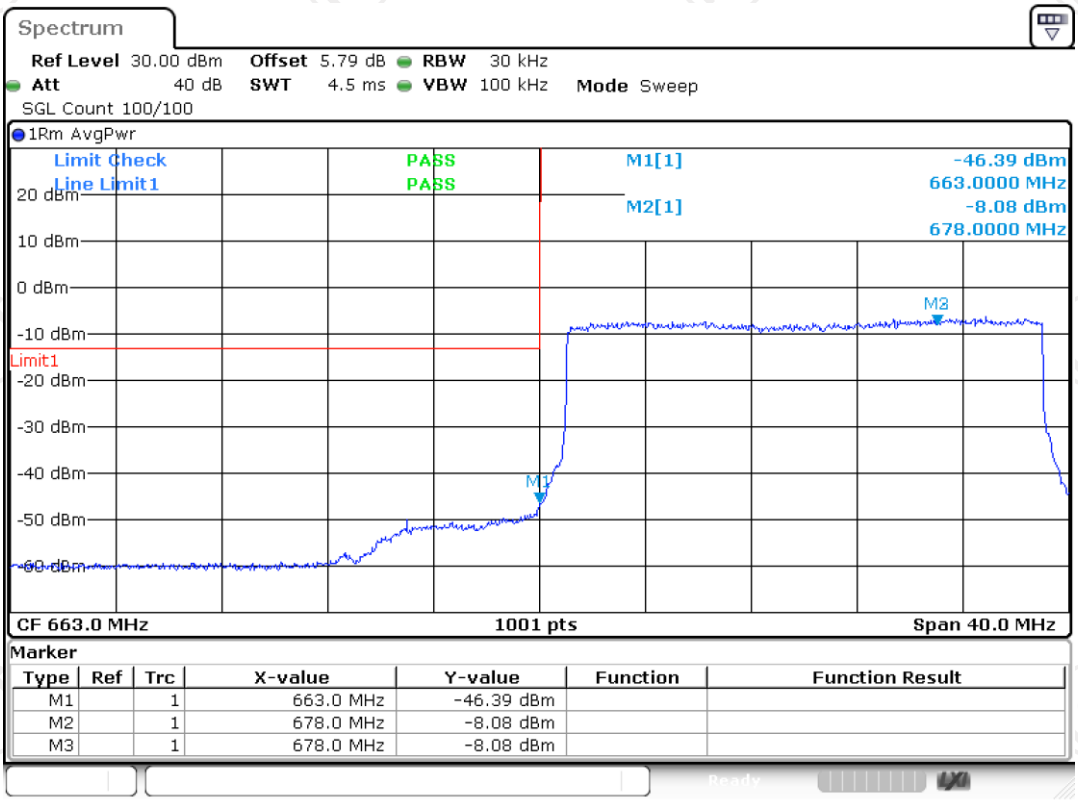
Date: 14.JUN.2023 13:17:14

Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0



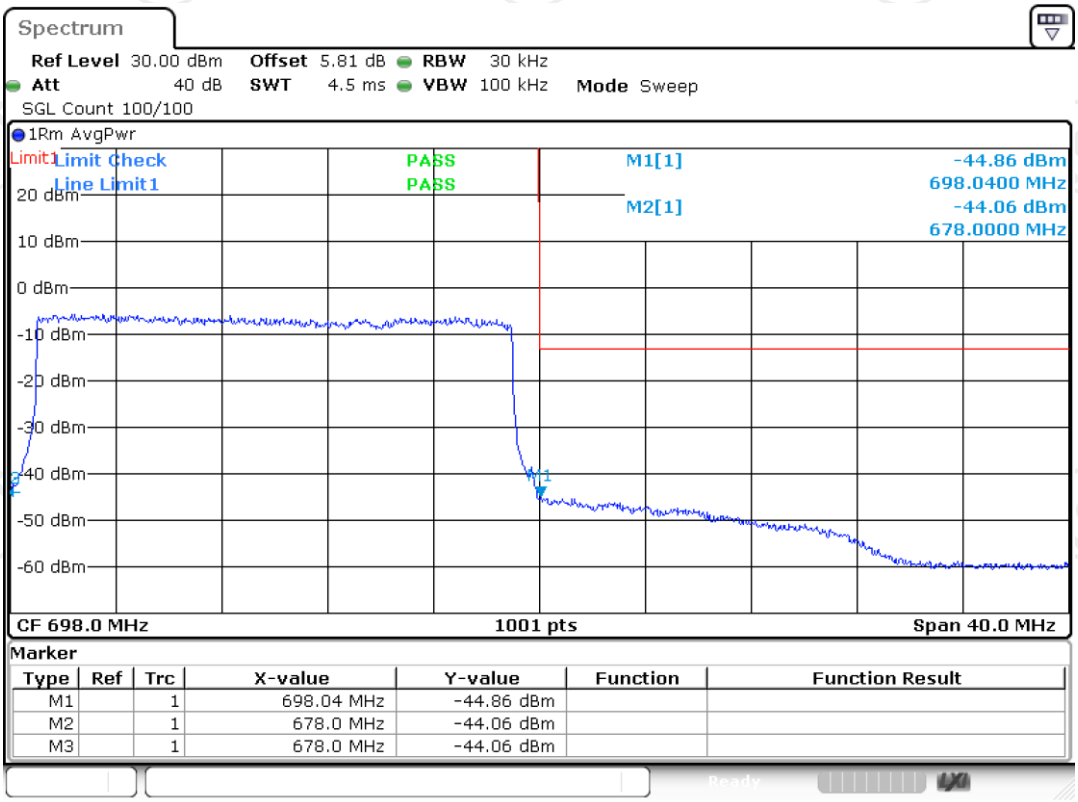
Date: 14.JUN.2023 13:17:21

Band71 16QAM BW=20MHz Channel=133222 RB Size=100 Position=#0



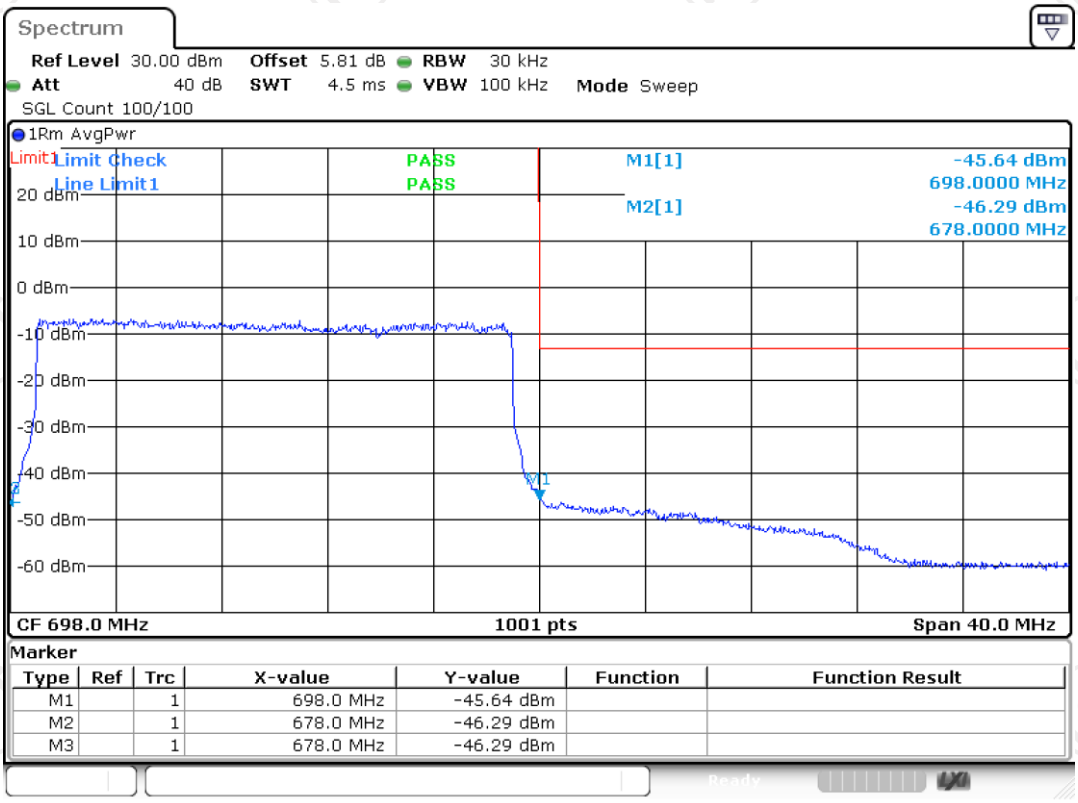
Date: 14.JUN.2023 13:17:27

Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0



Date: 14.JUN.2023 13:17:34

Band71 16QAM BW=20MHz Channel=133372 RB Size=100 Position=#0

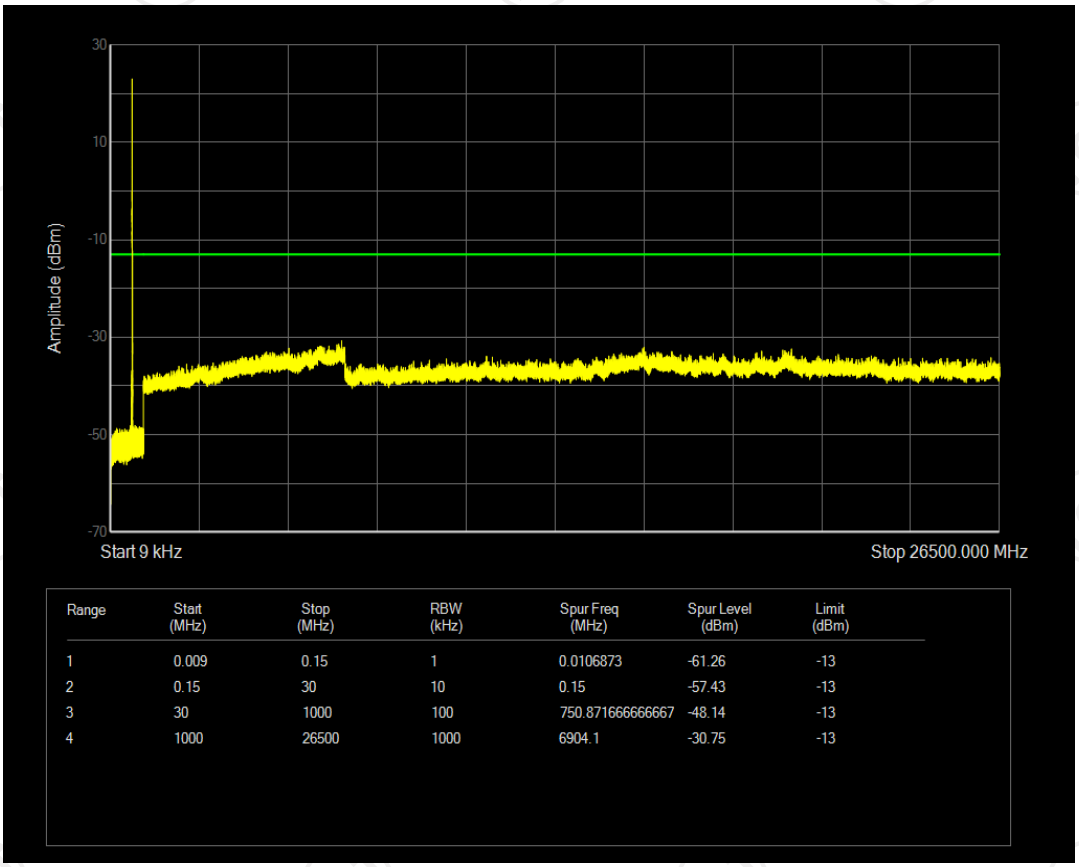


Date: 14.JUN.2023 13:17:41

6 Out-of-band emissions

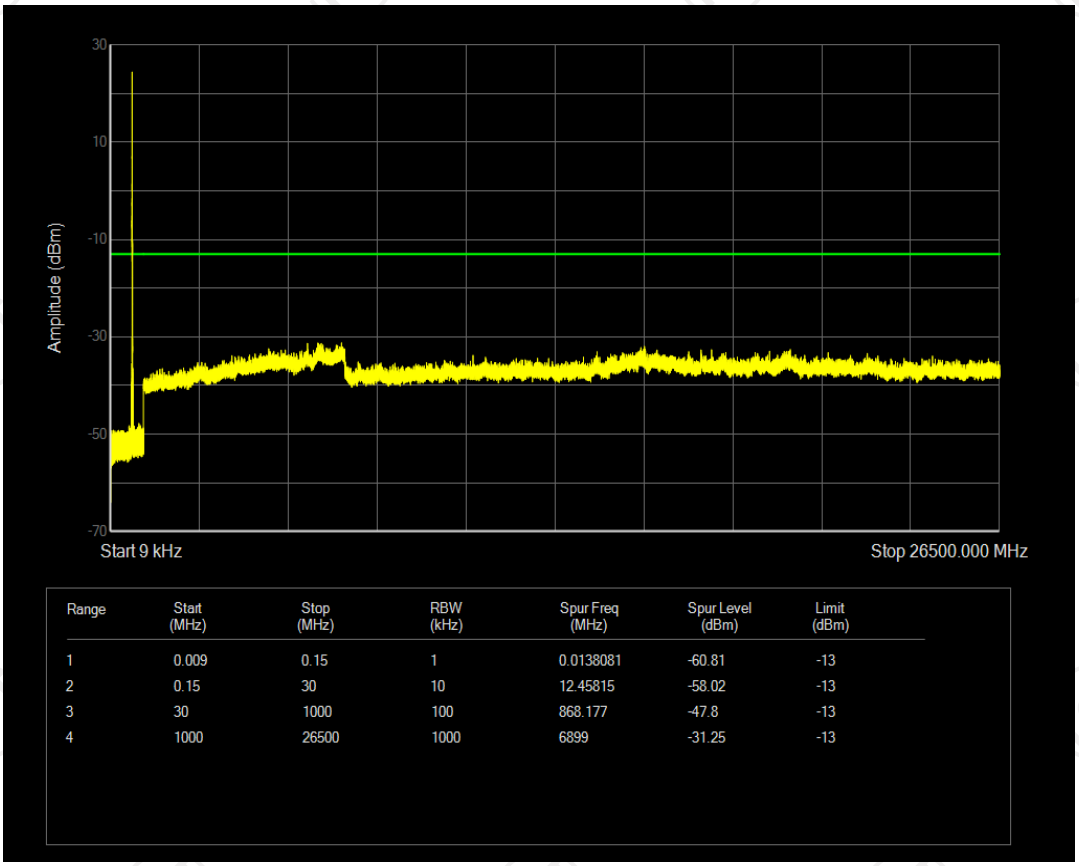
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band71	5	133147	1	#0	QPSK	6904.10	-30.75	-13	PASS
Band71	5	133147	1	#0	16QAM	6899.00	-31.25	-13	PASS
Band71	5	133297	1	#0	QPSK	15800.20	-31.07	-13	PASS
Band71	5	133297	1	#0	16QAM	6829.30	-30.96	-13	PASS
Band71	5	133447	1	#0	QPSK	6290.40	-31.58	-13	PASS
Band71	5	133447	1	#0	16QAM	6916.85	-30.88	-13	PASS
Band71	10	133172	1	#0	QPSK	6536.05	-31.49	-13	PASS
Band71	10	133172	1	#0	16QAM	6916.00	-31.27	-13	PASS
Band71	10	133297	1	#0	QPSK	6293.80	-31.12	-13	PASS
Band71	10	133297	1	#0	16QAM	6302.30	-30.91	-13	PASS
Band71	10	133422	1	#0	QPSK	6924.50	-31.19	-13	PASS
Band71	10	133422	1	#0	16QAM	6152.70	-31.32	-13	PASS
Band71	15	133197	1	#0	QPSK	6949.15	-31.05	-13	PASS
Band71	15	133197	1	#0	16QAM	6282.75	-31.30	-13	PASS
Band71	15	133297	1	#0	QPSK	6284.45	-30.98	-13	PASS
Band71	15	133297	1	#0	16QAM	6910.90	-31.04	-13	PASS
Band71	15	133397	1	#0	QPSK	6796.15	-30.92	-13	PASS
Band71	15	133397	1	#0	16QAM	6274.25	-31.22	-13	PASS
Band71	20	133222	1	#0	QPSK	6227.50	-31.38	-13	PASS
Band71	20	133222	1	#0	16QAM	6821.65	-30.95	-13	PASS
Band71	20	133297	1	#0	QPSK	6804.65	-31.48	-13	PASS
Band71	20	133297	1	#0	16QAM	6194.35	-31.18	-13	PASS
Band71	20	133372	1	#0	QPSK	6151.85	-31.30	-13	PASS
Band71	20	133372	1	#0	16QAM	15824.85	-31.22	-13	PASS

Band71 QPSK BW=5MHz Channel=133147 RB Size=1 Position=#0



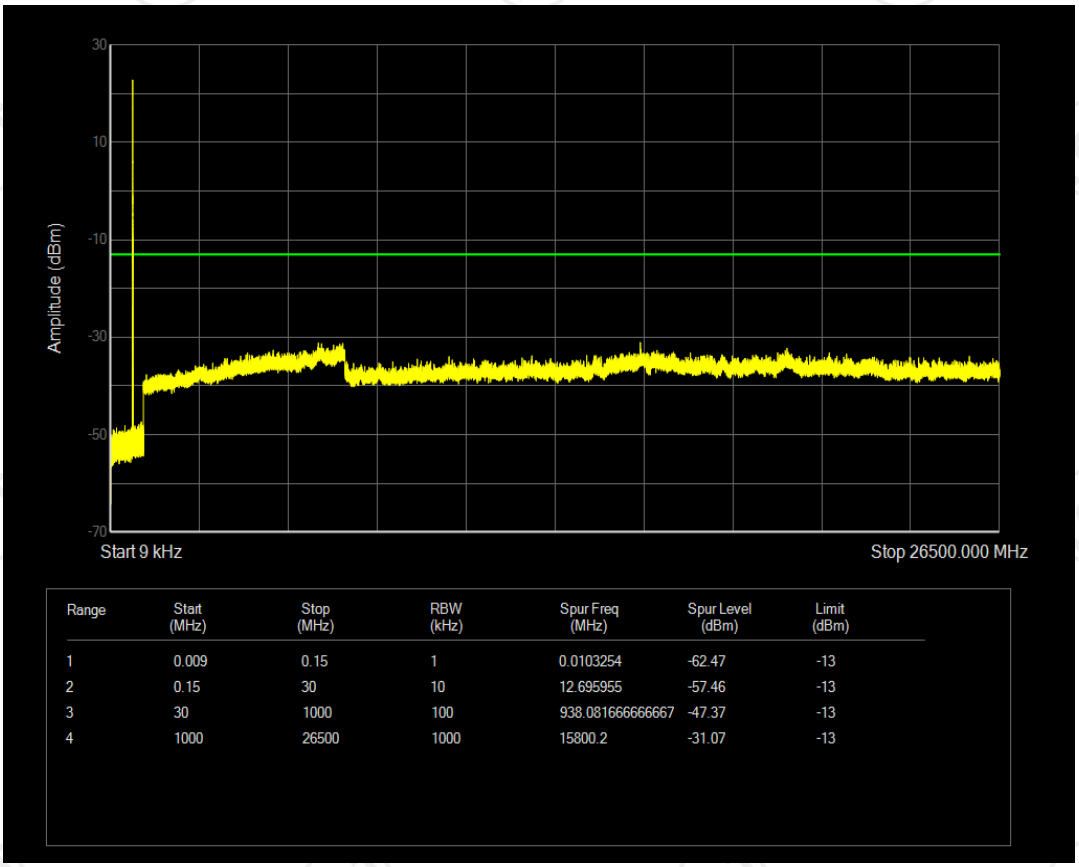
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0106873	-61.26	-13
2	0.15	30	10	0.15	-57.43	-13
3	30	1000	100	750.871666666667	-48.14	-13
4	1000	26500	1000	6904.1	-30.75	-13

Band71 16QAM BW=5MHz Channel=133147 RB Size=1 Position=#0



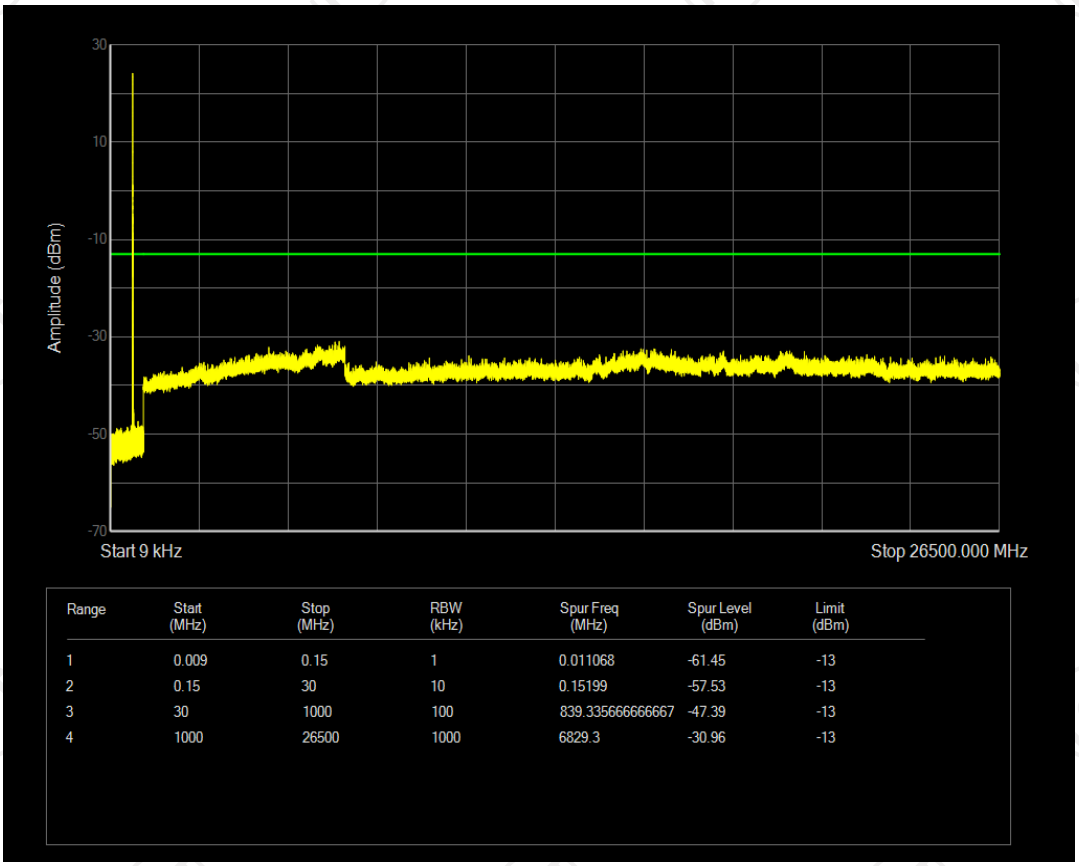
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0138081	-60.81	-13
2	0.15	30	10	12.45815	-58.02	-13
3	30	1000	100	868.177	-47.8	-13
4	1000	26500	1000	6899	-31.25	-13

Band71 QPSK BW=5MHz Channel=133297 RB Size=1 Position=#0



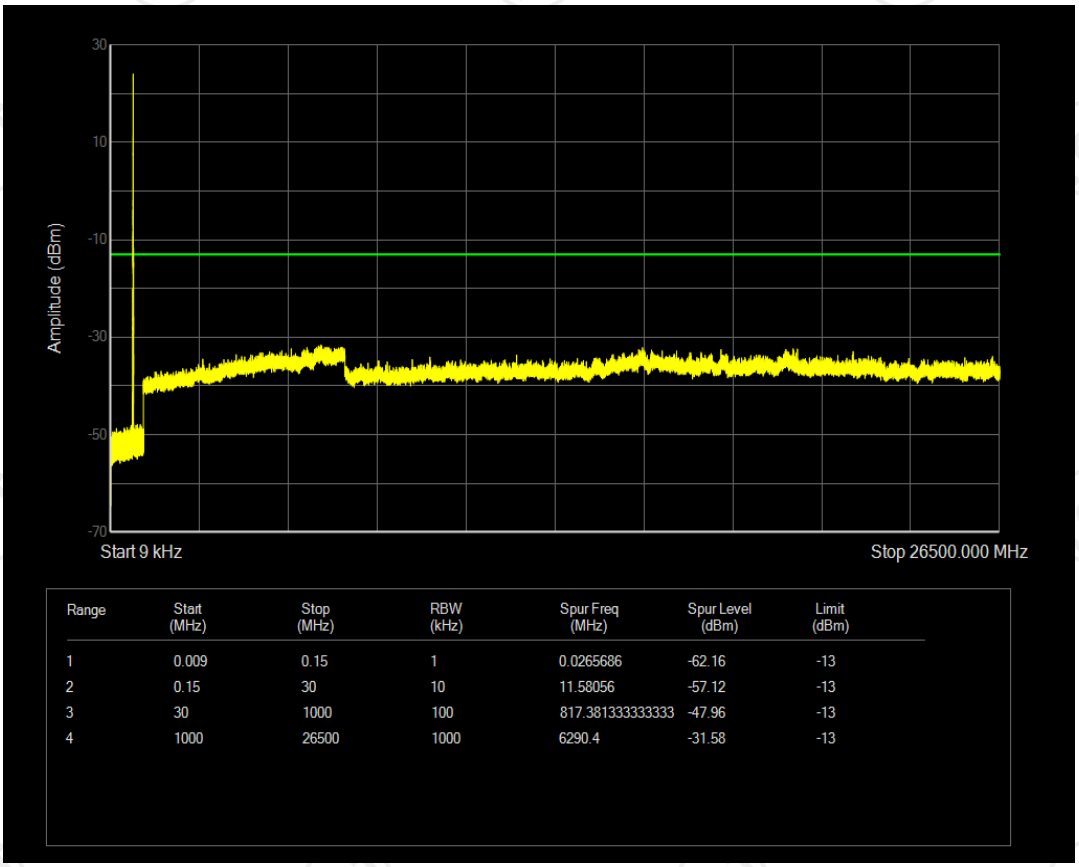
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103254	-62.47	-13
2	0.15	30	10	12.695955	-57.46	-13
3	30	1000	100	938.081666666667	-47.37	-13
4	1000	26500	1000	15800.2	-31.07	-13

Band71 16QAM BW=5MHz Channel=133297 RB Size=1 Position=#0



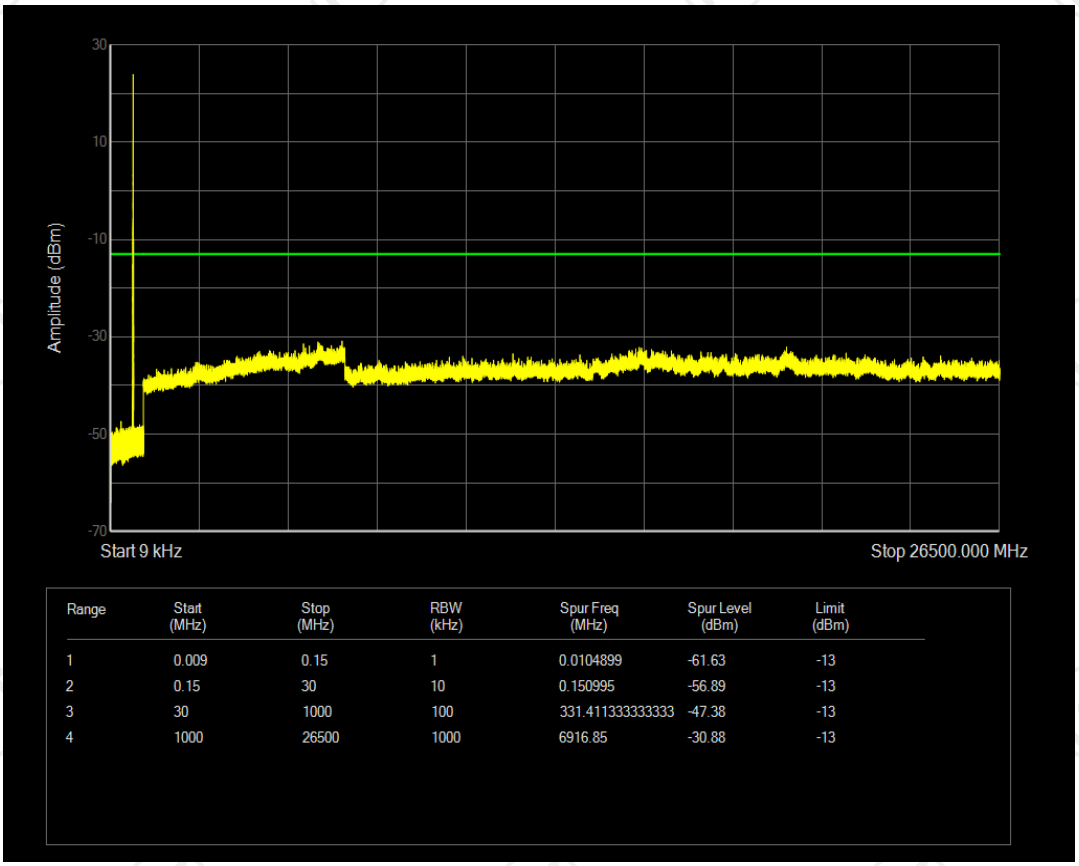
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011068	-61.45	-13
2	0.15	30	10	0.15199	-57.53	-13
3	30	1000	100	839.335666666667	-47.39	-13
4	1000	26500	1000	6829.3	-30.96	-13

Band71 QPSK BW=5MHz Channel=133447 RB Size=1 Position=#0



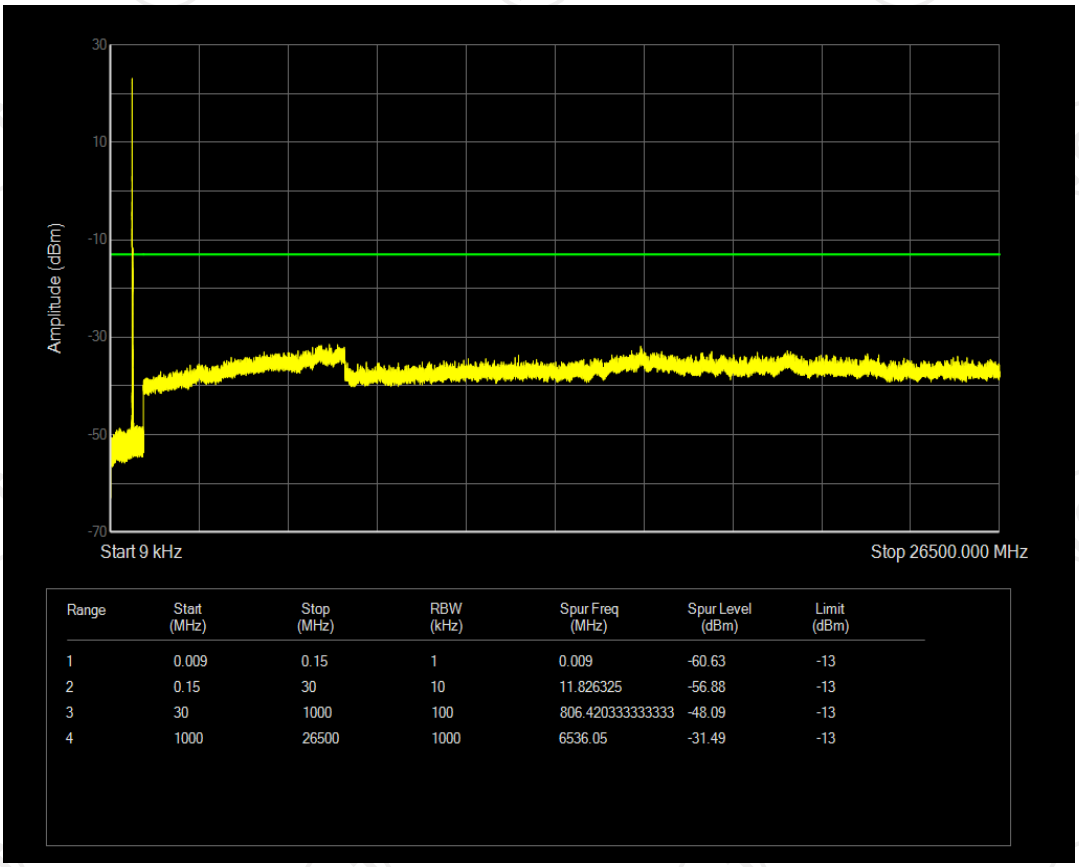
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0265686	-62.16	-13
2	0.15	30	10	11.58056	-57.12	-13
3	30	1000	100	817.381333333333	-47.96	-13
4	1000	26500	1000	6290.4	-31.58	-13

Band71 16QAM BW=5MHz Channel=133447 RB Size=1 Position=#0



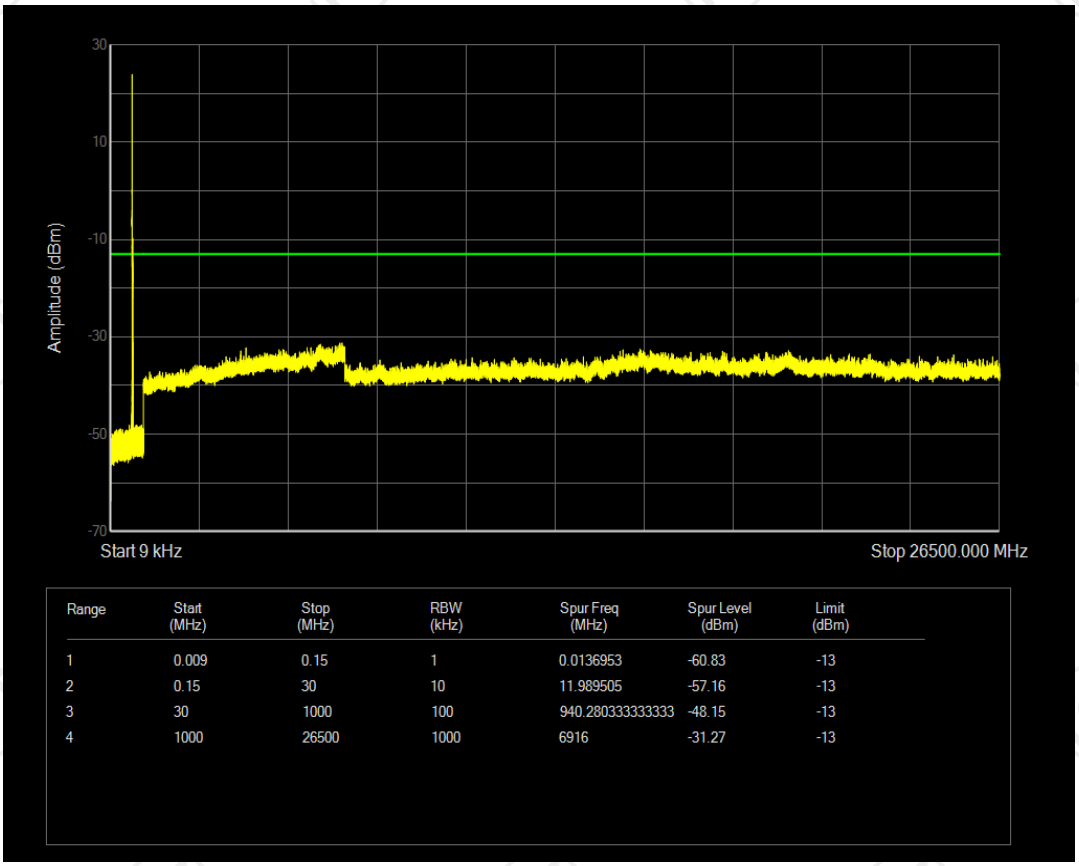
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104899	-61.63	-13
2	0.15	30	10	0.150995	-56.89	-13
3	30	1000	100	331.411333333333	-47.38	-13
4	1000	26500	1000	6916.85	-30.88	-13

Band71 QPSK BW=10MHz Channel=133172 RB Size=1 Position=#0



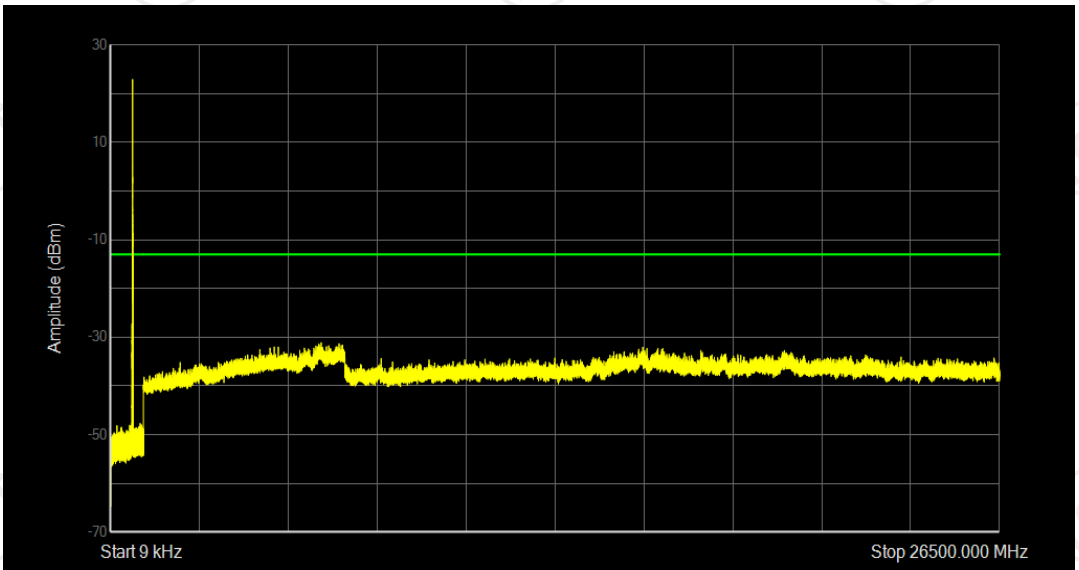
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-60.63	-13
2	0.15	30	10	11.826325	-56.88	-13
3	30	1000	100	806.420333333333	-48.09	-13
4	1000	26500	1000	6536.05	-31.49	-13

Band71 16QAM BW=10MHz Channel=133172 RB Size=1 Position=#0



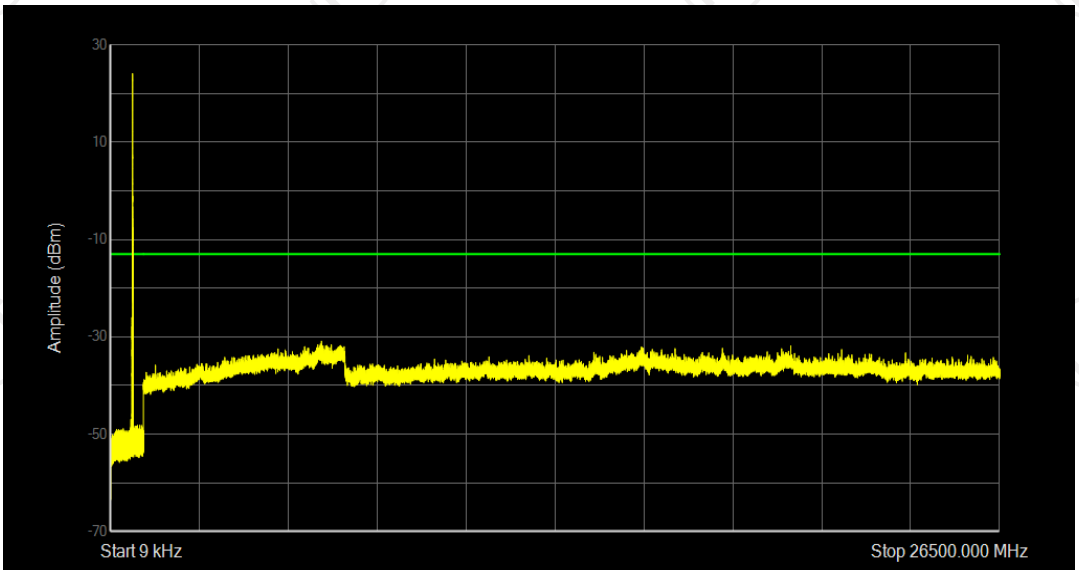
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0136953	-60.83	-13
2	0.15	30	10	11.989505	-57.16	-13
3	30	1000	100	940.280333333333	-48.15	-13
4	1000	26500	1000	6916	-31.27	-13

Band71 QPSK BW=10MHz Channel=133297 RB Size=1 Position=#0



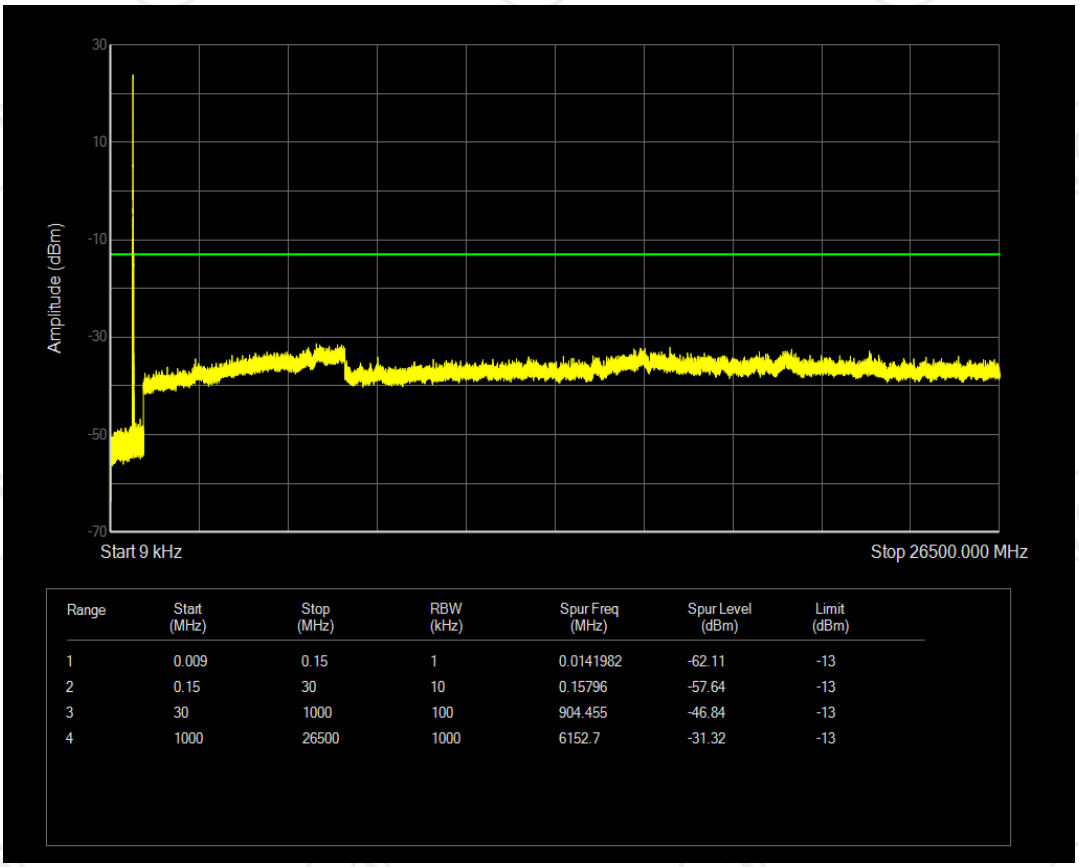
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-63.1	-13
2	0.15	30	10	0.160945	-57.49	-13
3	30	1000	100	902.450333333333	-47.74	-13
4	1000	26500	1000	6293.8	-31.12	-13

Band71 16QAM BW=10MHz Channel=133297 RB Size=1 Position=#0



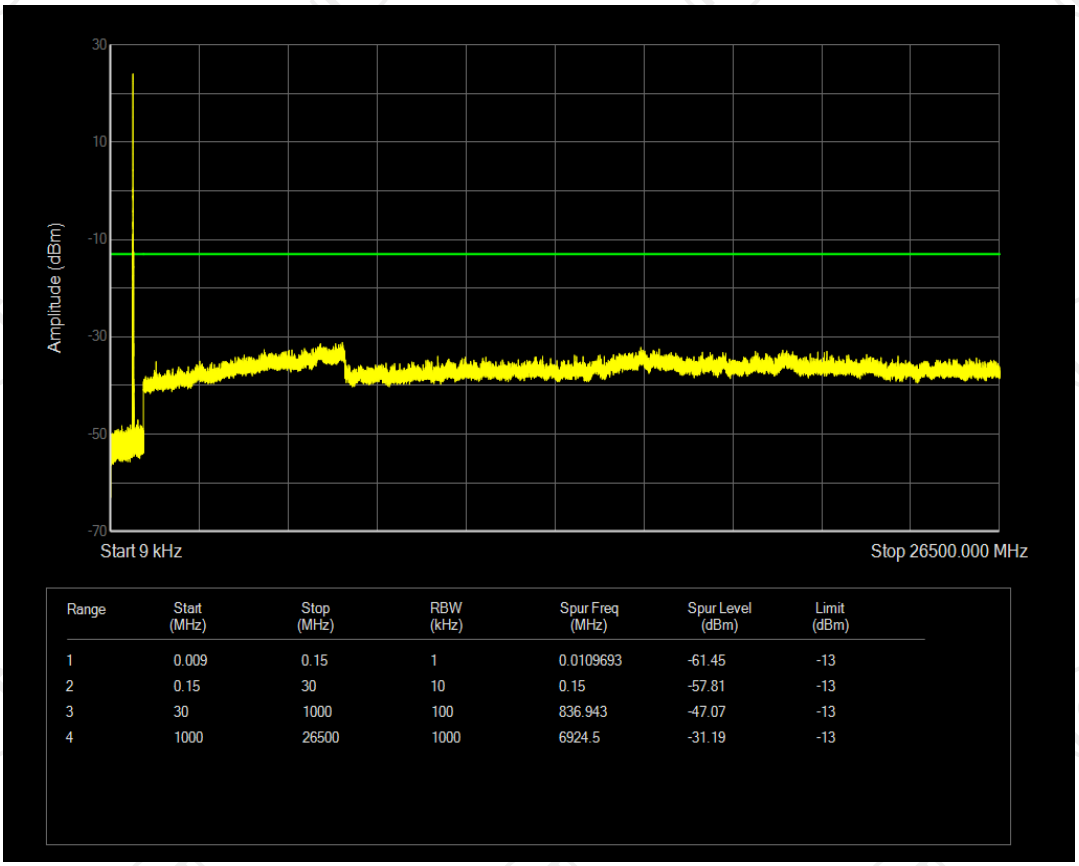
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095499	-61.49	-13
2	0.15	30	10	11.02336	-58.21	-13
3	30	1000	100	822.554666666667	-48.2	-13
4	1000	26500	1000	6302.3	-30.91	-13

Band71 16QAM BW=10MHz Channel=133422 RB Size=1 Position=#0



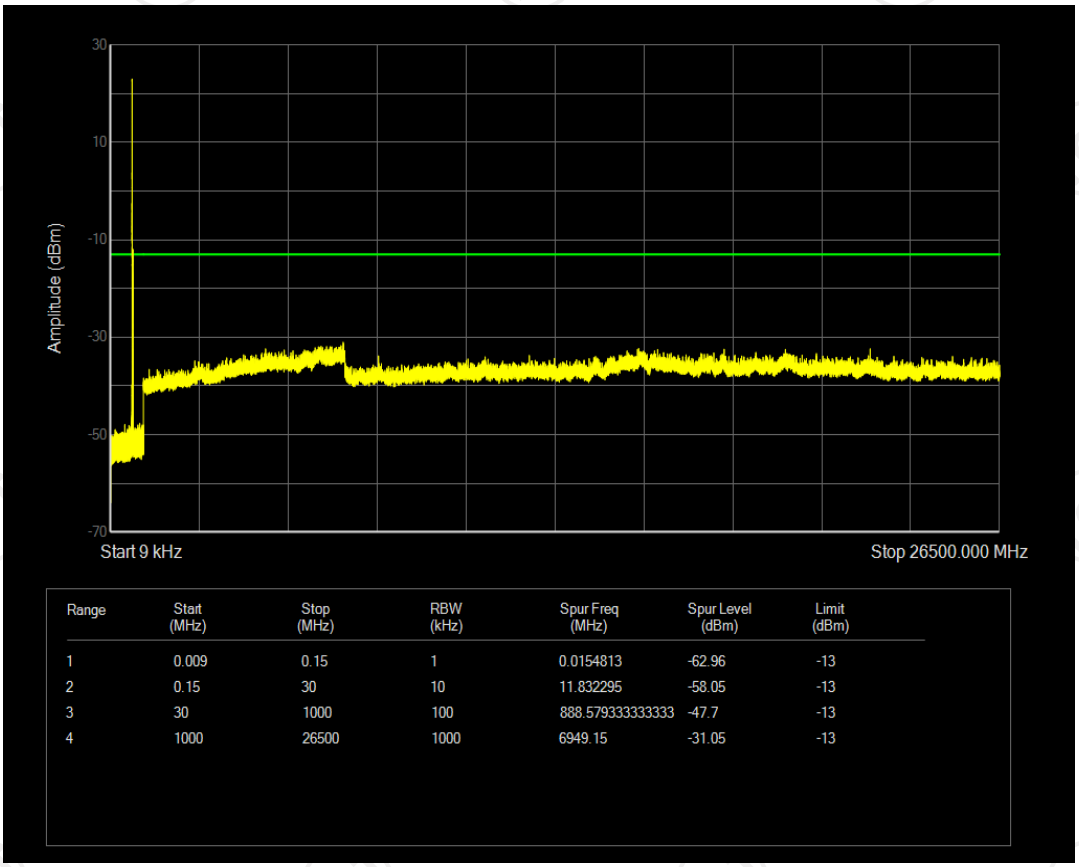
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0141982	-62.11	-13
2	0.15	30	10	0.15796	-57.64	-13
3	30	1000	100	904.455	-46.84	-13
4	1000	26500	1000	6152.7	-31.32	-13

Band71 QPSK BW=10MHz Channel=133422 RB Size=1 Position=#0



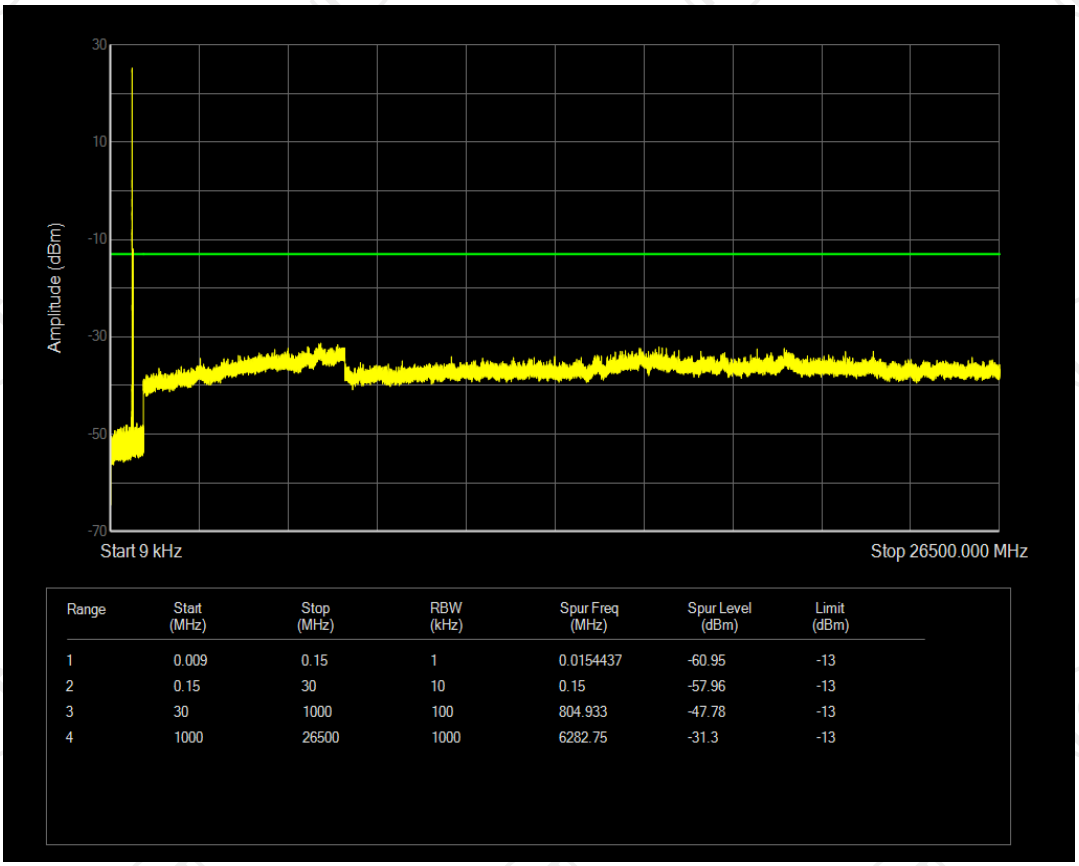
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0109693	-61.45	-13
2	0.15	30	10	0.15	-57.81	-13
3	30	1000	100	836.943	-47.07	-13
4	1000	26500	1000	6924.5	-31.19	-13

Band71 QPSK BW=15MHz Channel=133197 RB Size=1 Position=#0



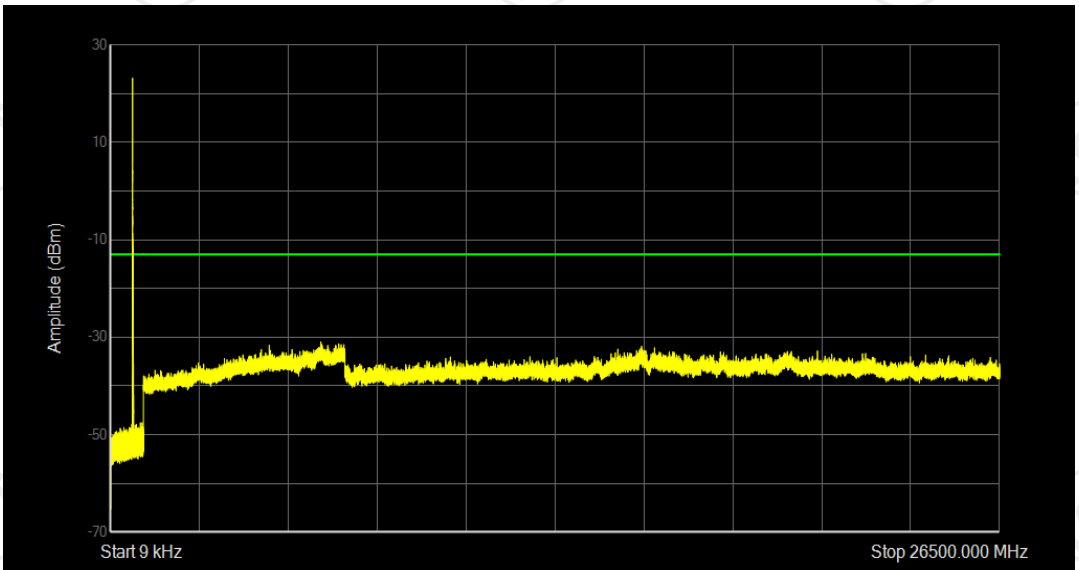
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0154813	-62.96	-13
2	0.15	30	10	11.832295	-58.05	-13
3	30	1000	100	888.579333333333	-47.7	-13
4	1000	26500	1000	6949.15	-31.05	-13

Band71 16QAM BW=15MHz Channel=133197 RB Size=1 Position=#0



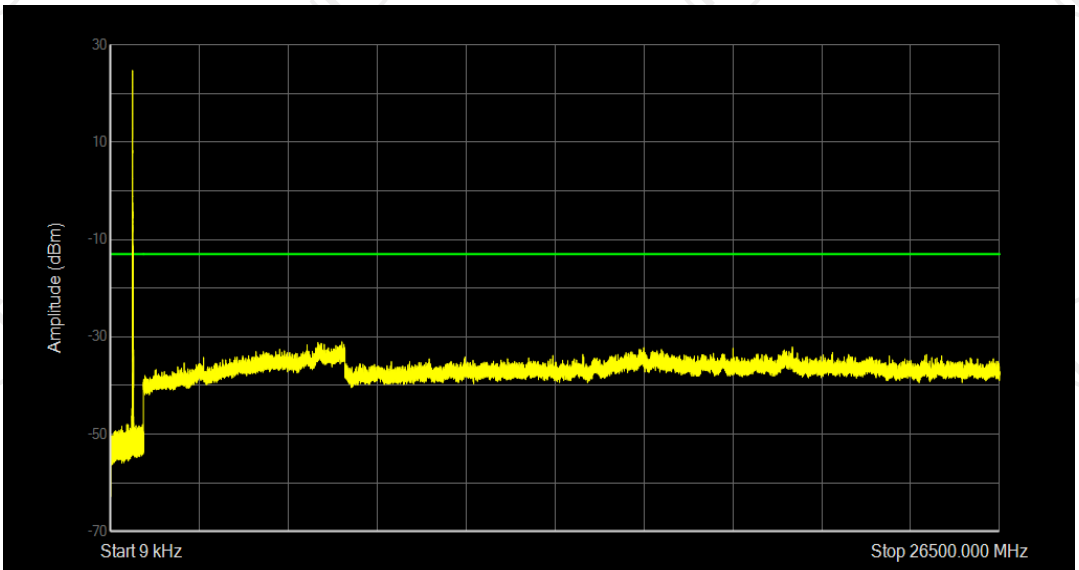
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0154437	-60.95	-13
2	0.15	30	10	0.15	-57.96	-13
3	30	1000	100	804.933	-47.78	-13
4	1000	26500	1000	6282.75	-31.3	-13

Band71 QPSK BW=15MHz Channel=133297 RB Size=1 Position=#0



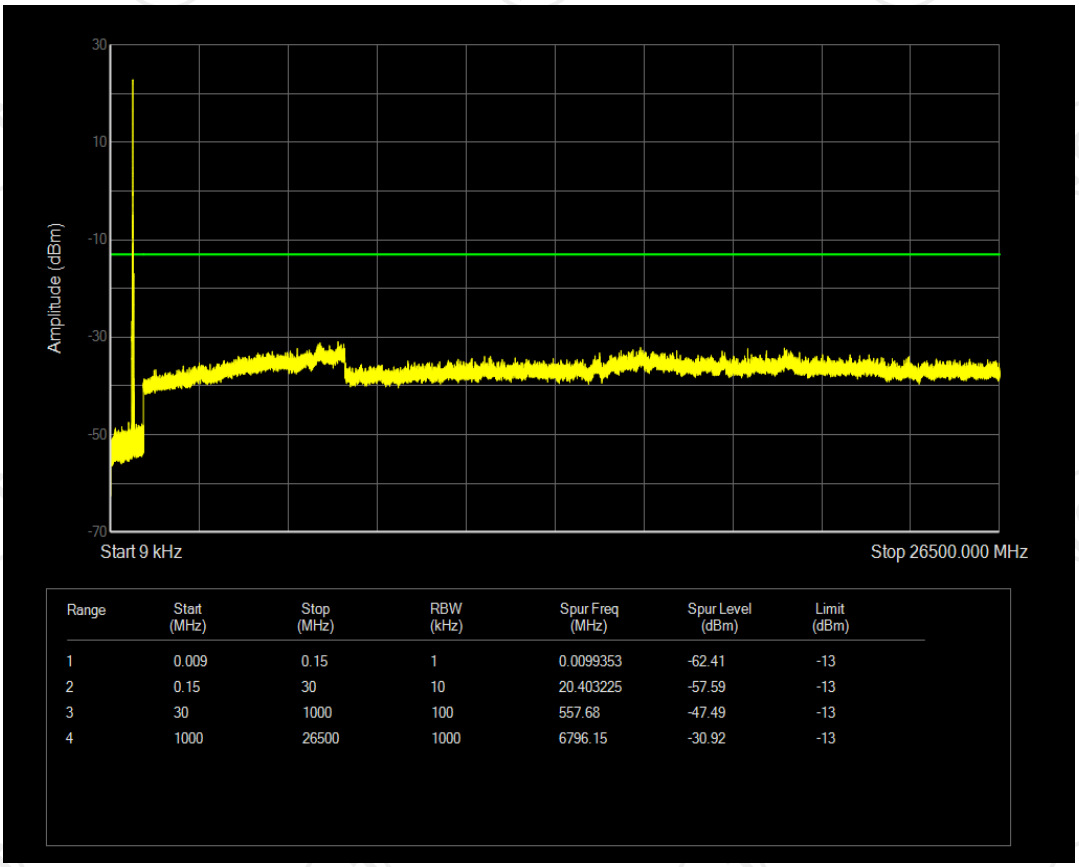
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0136953	-62.64	-13
2	0.15	30	10	12.13378	-57.1	-13
3	30	1000	100	964.692	-47.57	-13
4	1000	26500	1000	6284.45	-30.98	-13

Band71 16QAM BW=15MHz Channel=133297 RB Size=1 Position=#0



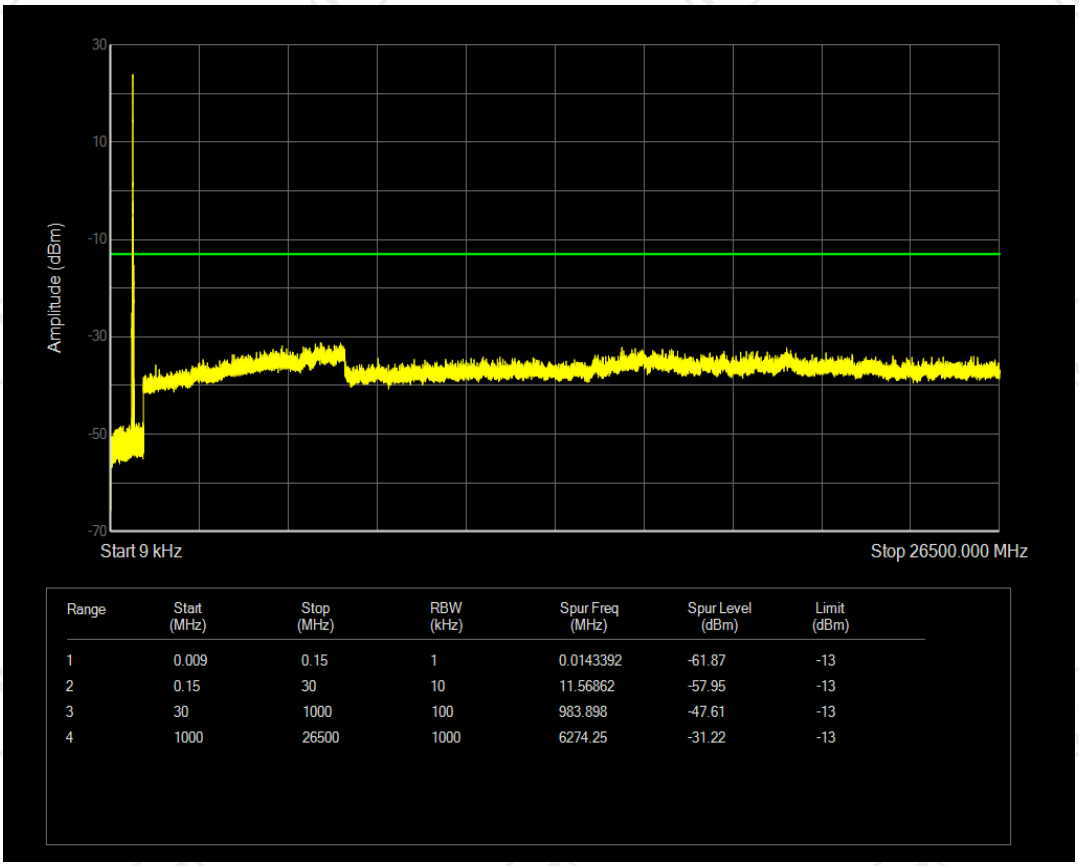
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0101891	-60.02	-13
2	0.15	30	10	12.39248	-58.46	-13
3	30	1000	100	504.200666666667	-48.01	-13
4	1000	26500	1000	6910.9	-31.04	-13

Band71 QPSK BW=15MHz Channel=133397 RB Size=1 Position=#0



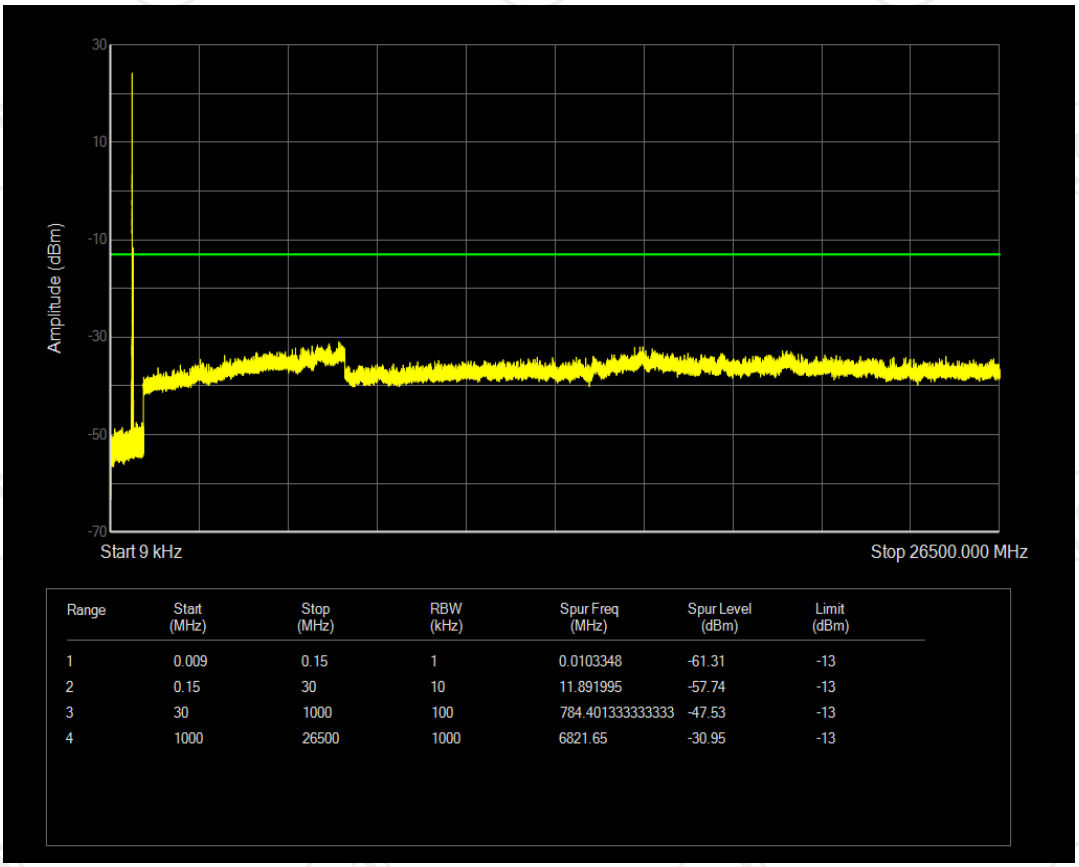
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099353	-62.41	-13
2	0.15	30	10	20.403225	-57.59	-13
3	30	1000	100	557.68	-47.49	-13
4	1000	26500	1000	6796.15	-30.92	-13

Band71 16QAM BW=15MHz Channel=133397 RB Size=1 Position=#0



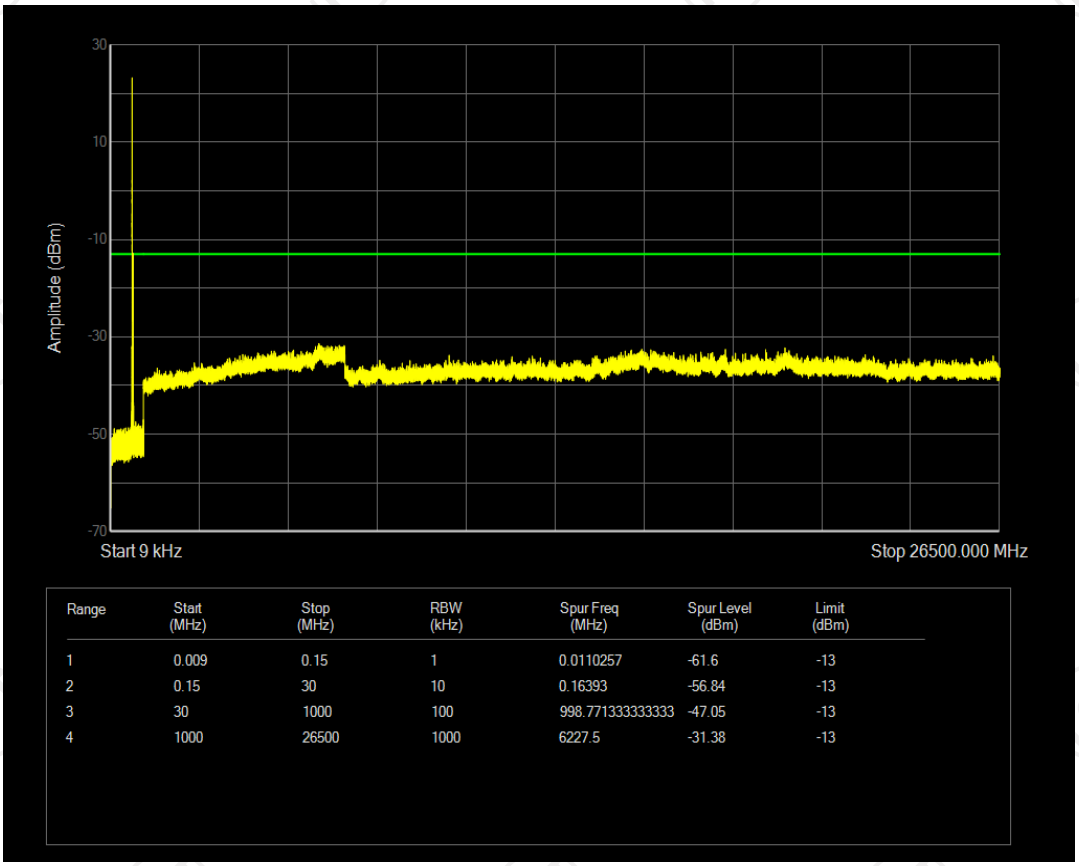
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0143392	-61.87	-13
2	0.15	30	10	11.56862	-57.95	-13
3	30	1000	100	983.898	-47.61	-13
4	1000	26500	1000	6274.25	-31.22	-13

Band71 16QAM BW=20MHz Channel=133222 RB Size=1 Position=#0



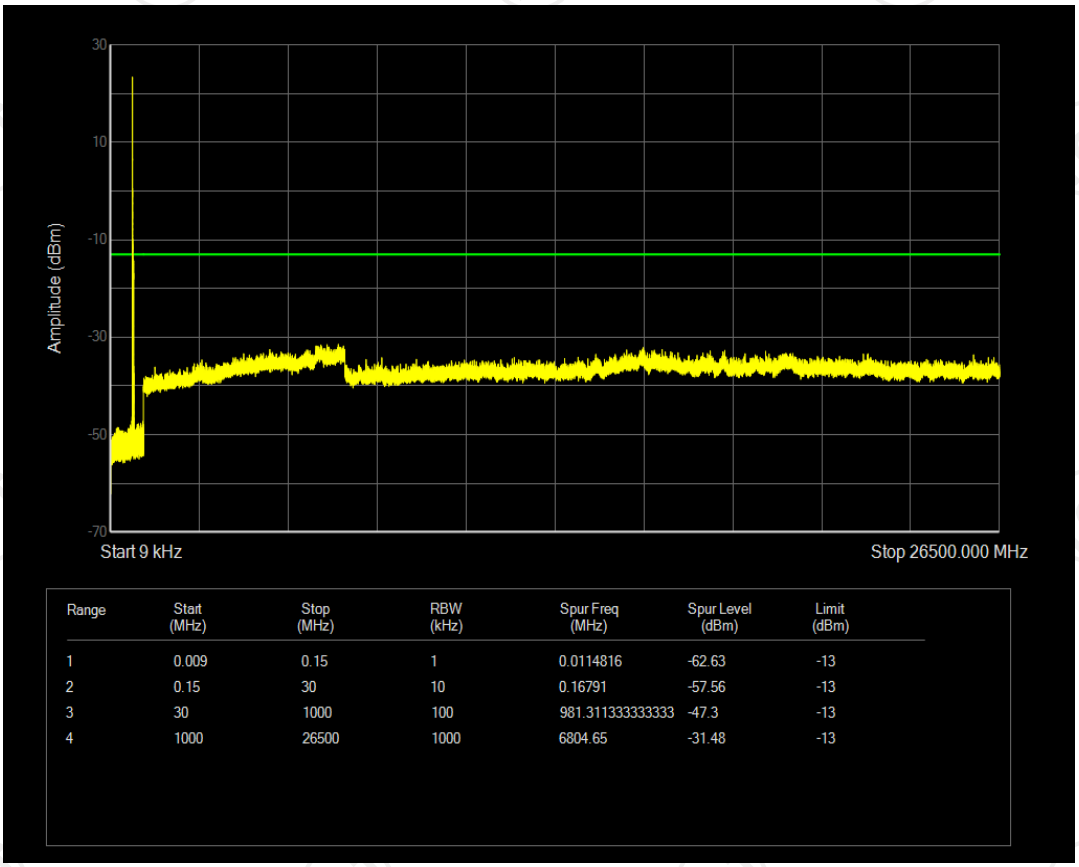
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103348	-61.31	-13
2	0.15	30	10	11.891995	-57.74	-13
3	30	1000	100	784.401333333333	-47.53	-13
4	1000	26500	1000	6821.65	-30.95	-13

Band71 QPSK BW=20MHz Channel=133222 RB Size=1 Position=#0



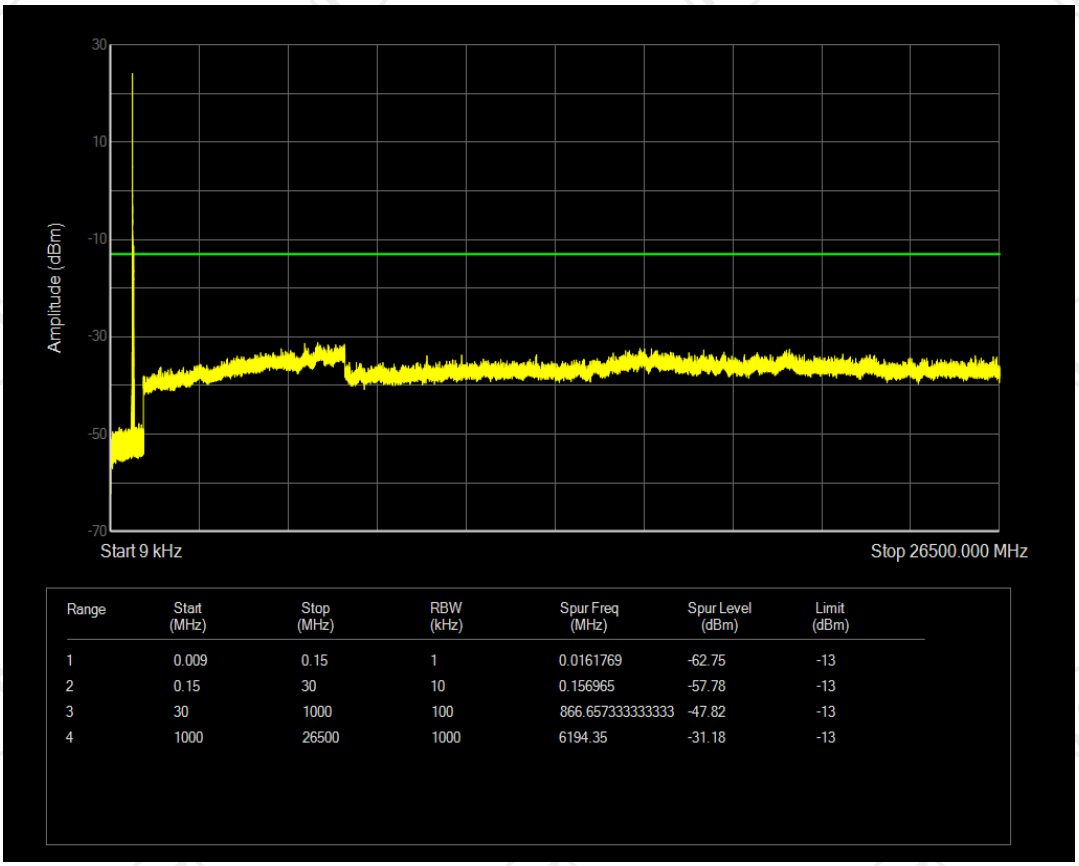
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0110257	-61.6	-13
2	0.15	30	10	0.16393	-56.84	-13
3	30	1000	100	998.771333333333	-47.05	-13
4	1000	26500	1000	6227.5	-31.38	-13

Band71 QPSK BW=20MHz Channel=133297 RB Size=1 Position=#0



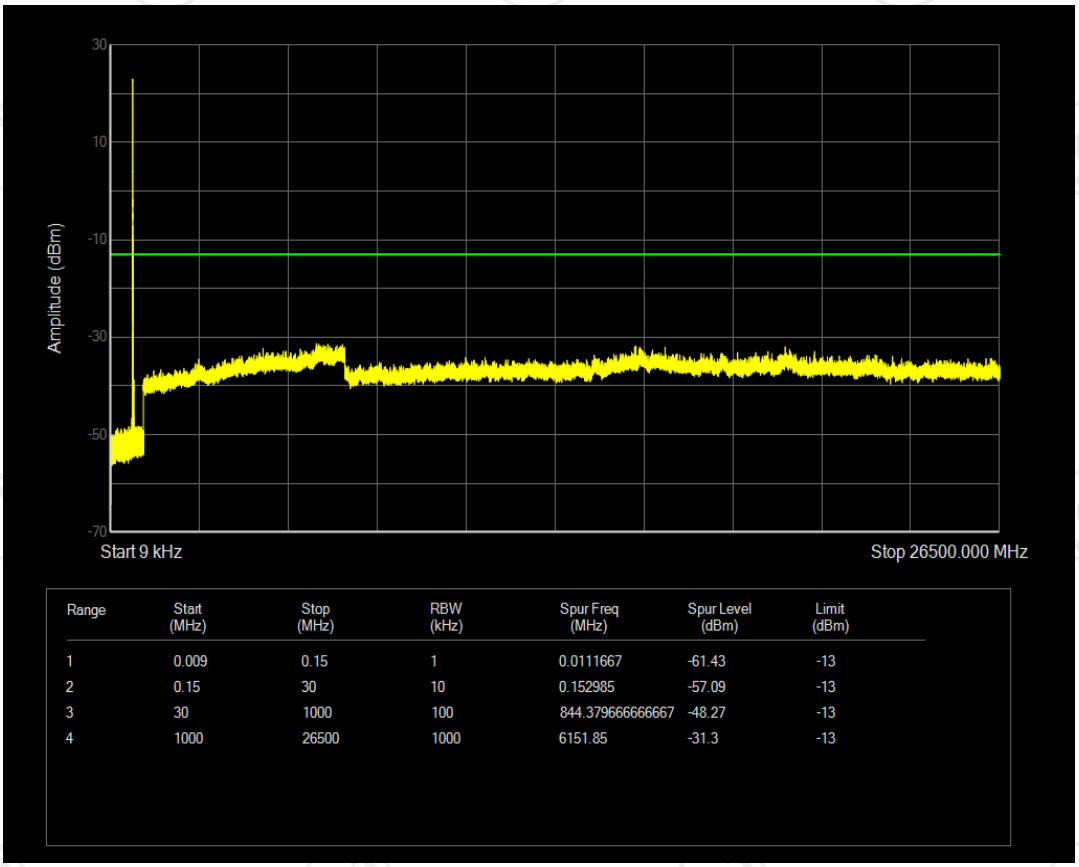
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0114816	-62.63	-13
2	0.15	30	10	0.16791	-57.56	-13
3	30	1000	100	981.311333333333	-47.3	-13
4	1000	26500	1000	6804.65	-31.48	-13

Band71 16QAM BW=20MHz Channel=133297 RB Size=1 Position=#0



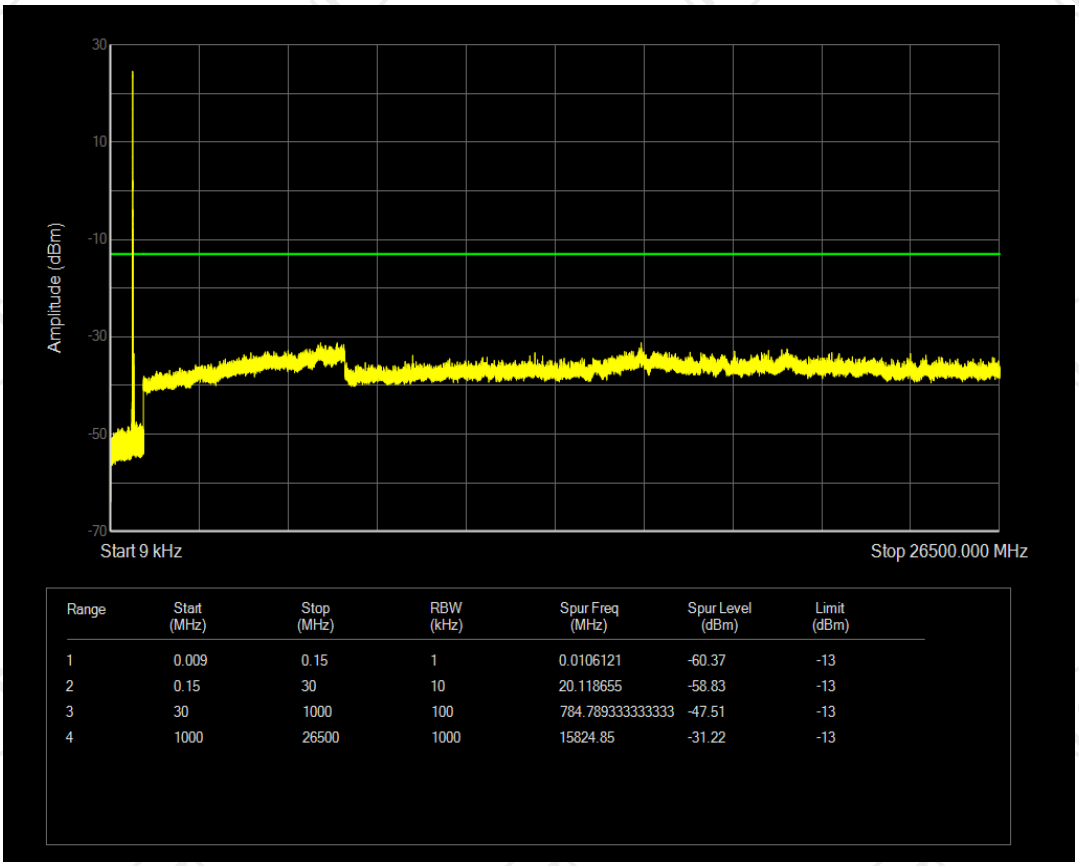
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0161769	-62.75	-13
2	0.15	30	10	0.156965	-57.78	-13
3	30	1000	100	866.657333333333	-47.82	-13
4	1000	26500	1000	6194.35	-31.18	-13

Band71 QPSK BW=20MHz Channel=133372 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	0.0111667	-61.43	-13
2	0.15	30	10	0.152985	-57.09	-13
3	30	1000	100	844.379666666667	-48.27	-13
4	1000	26500	1000	6151.85	-31.3	-13

Band71 16QAM BW=20MHz Channel=133372 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	0.0106121	-60.37	-13
2	0.15	30	10	20.118655	-58.83	-13
3	30	1000	100	784.789333333333	-47.51	-13
4	1000	26500	1000	15824.85	-31.22	-13