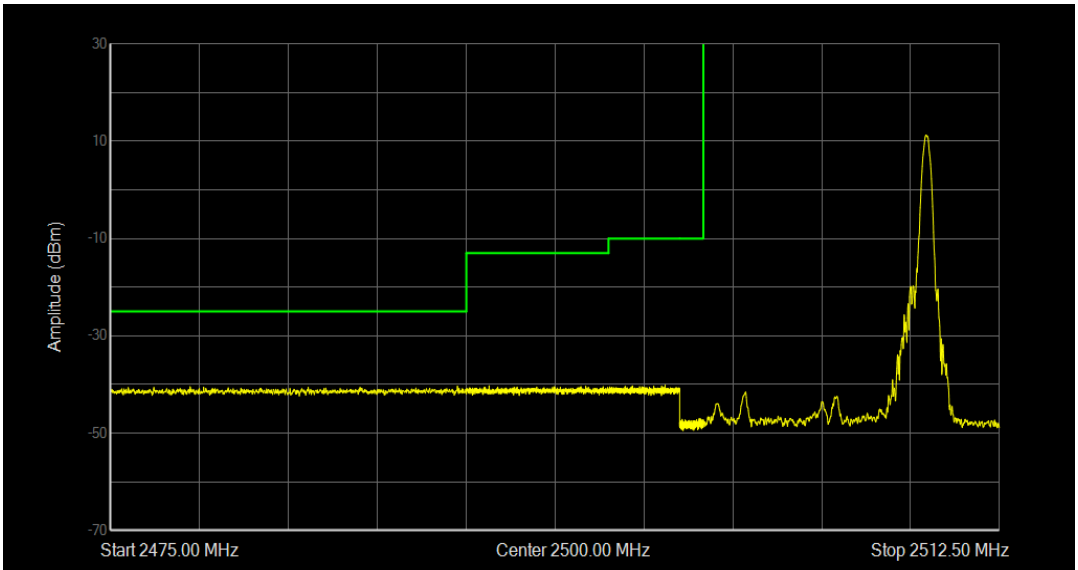
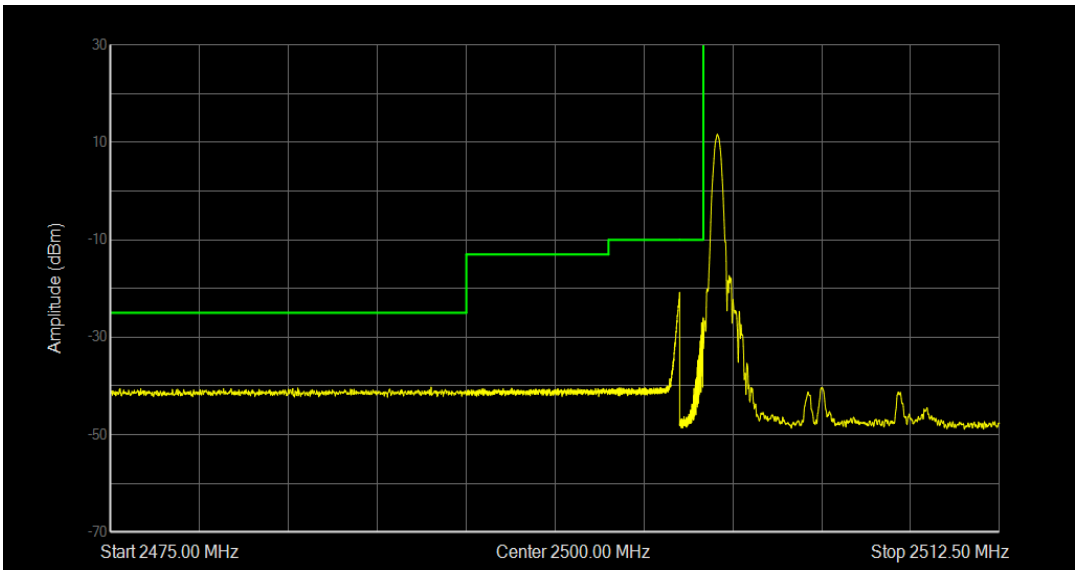
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#Max



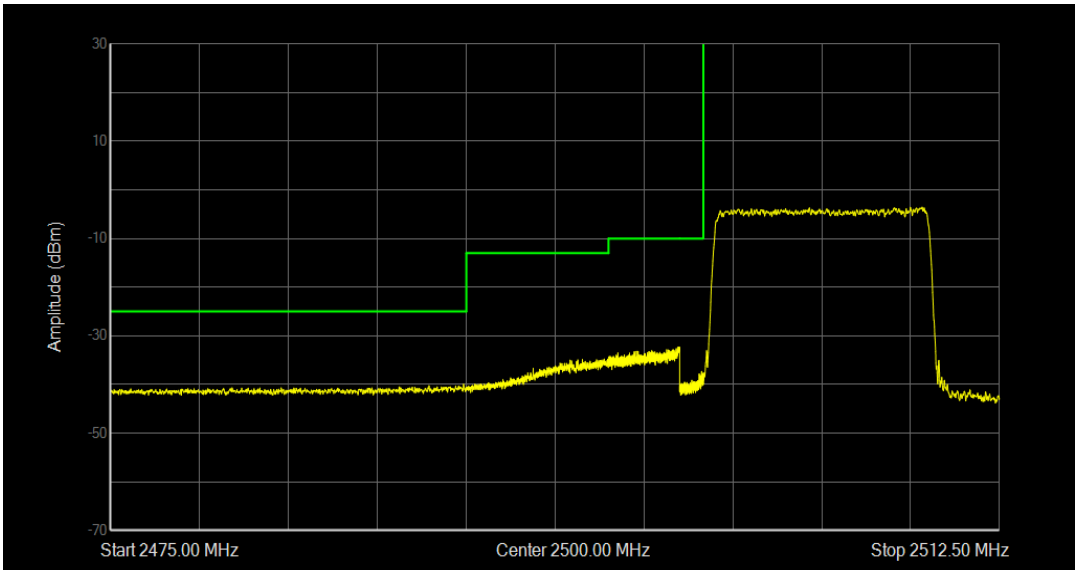
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.625	-40.33	-25
2	2490	2496	1000	2490.96	-40.26	-13
3	2496	2499	1000	2498.388	-40.13	-10
4	2499	2500	200	2499.83	-46.97	-10

Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



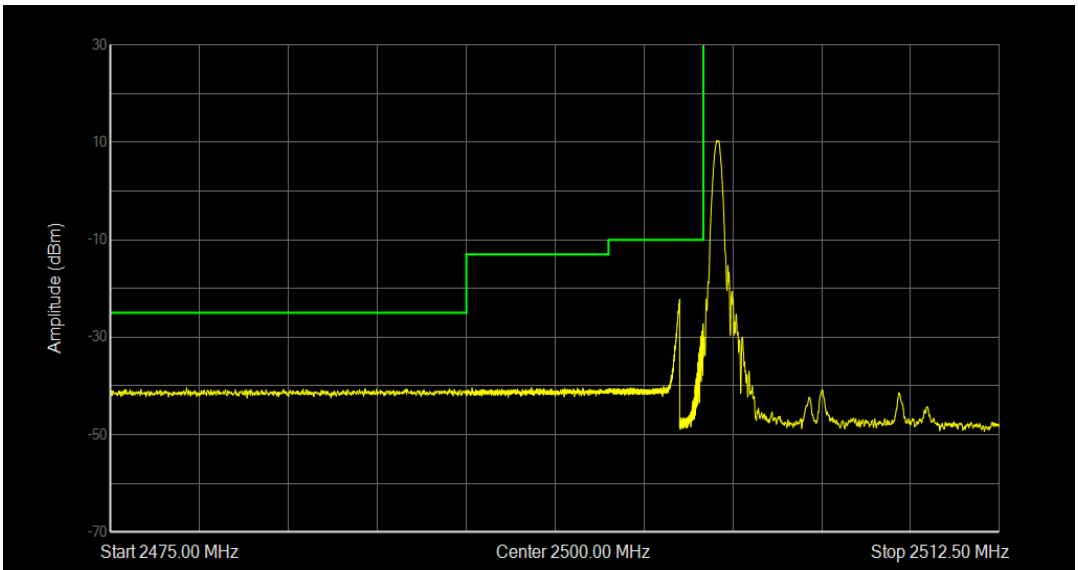
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2488.515	-40.25	-25
2	2490	2496	1000	2491.914	-40.48	-13
3	2496	2499	1000	2499	-20.78	-10
4	2499	2500	200	2499.996	-26.02	-10

Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



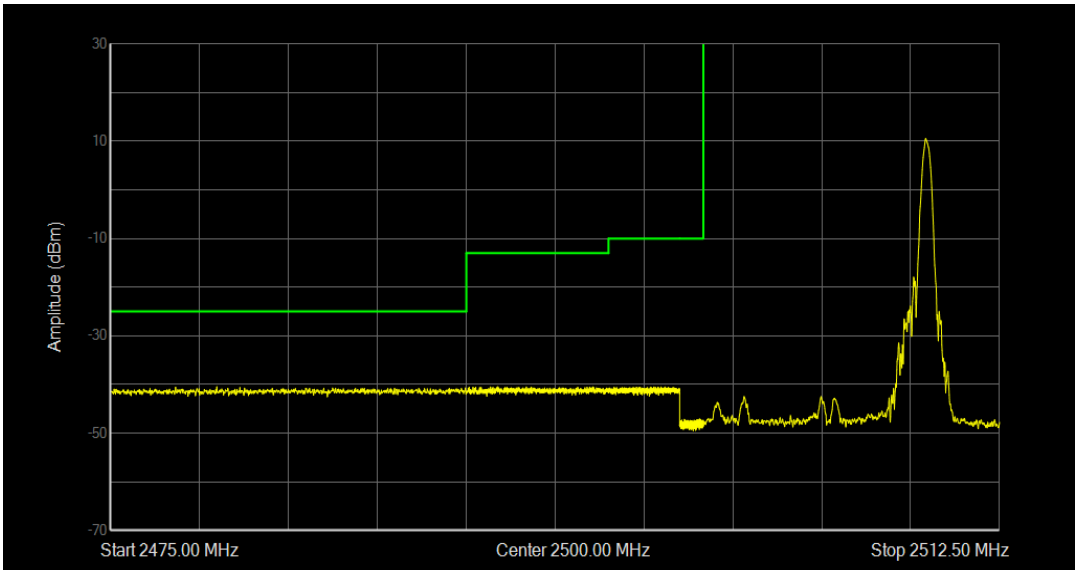
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.88	-39.94	-25
2	2490	2496	1000	2495.814	-34.76	-13
3	2496	2499	1000	2498.946	-32.29	-10
4	2499	2500	200	2499.927	-37.31	-10

Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#0



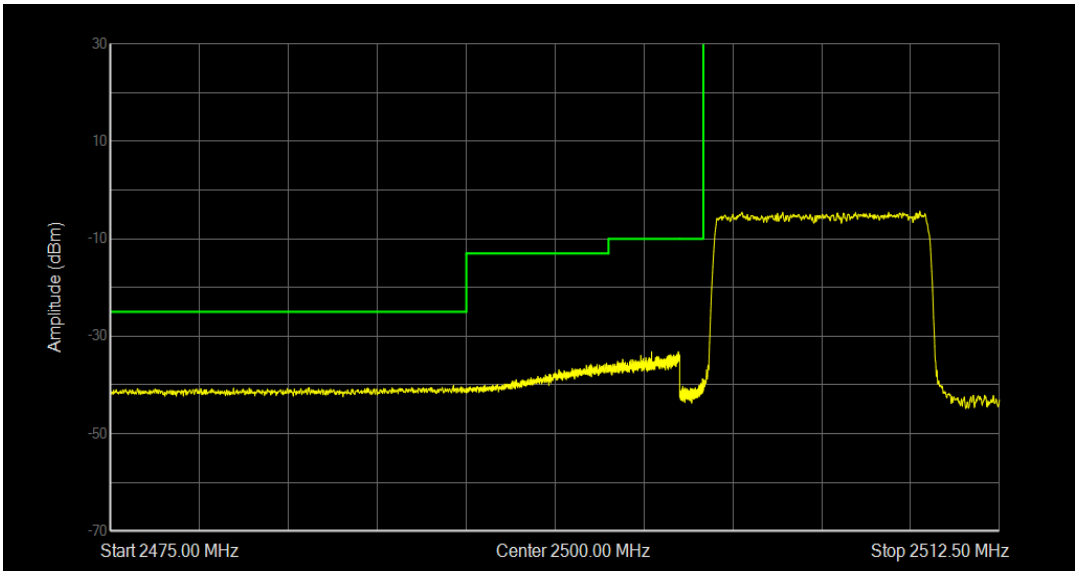
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2478.195	-40.39	-25
2	2490	2496	1000	2492.748	-40.34	-13
3	2496	2499	1000	2499	-22.23	-10
4	2499	2500	200	2499.991	-27.27	-10

Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#Max



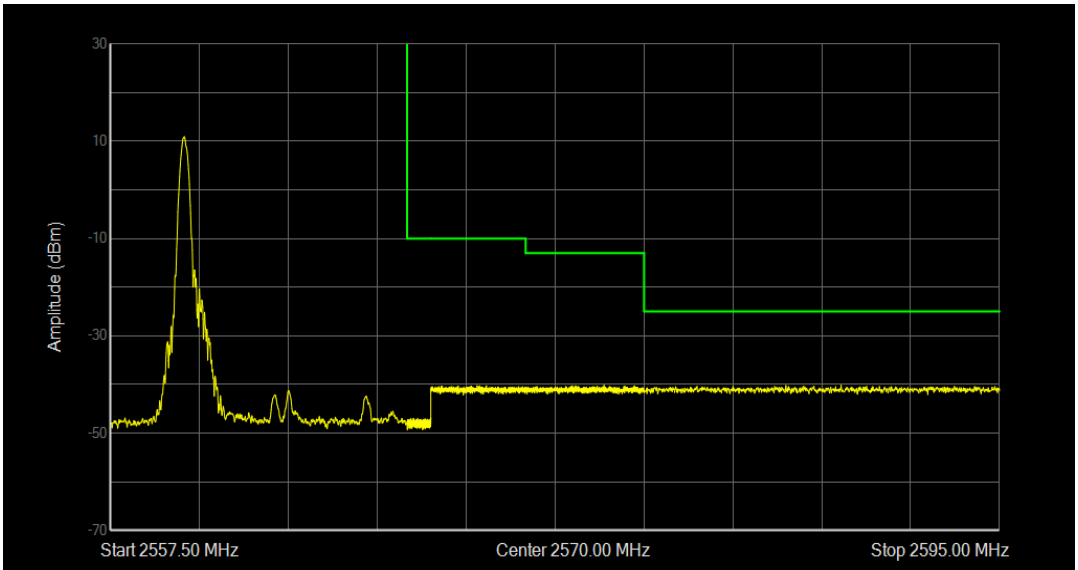
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2479.47	-40.47	-25
2	2490	2496	1000	2491.332	-40.46	-13
3	2496	2499	1000	2497.92	-40.51	-10
4	2499	2500	200	2499.839	-47.09	-10

Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



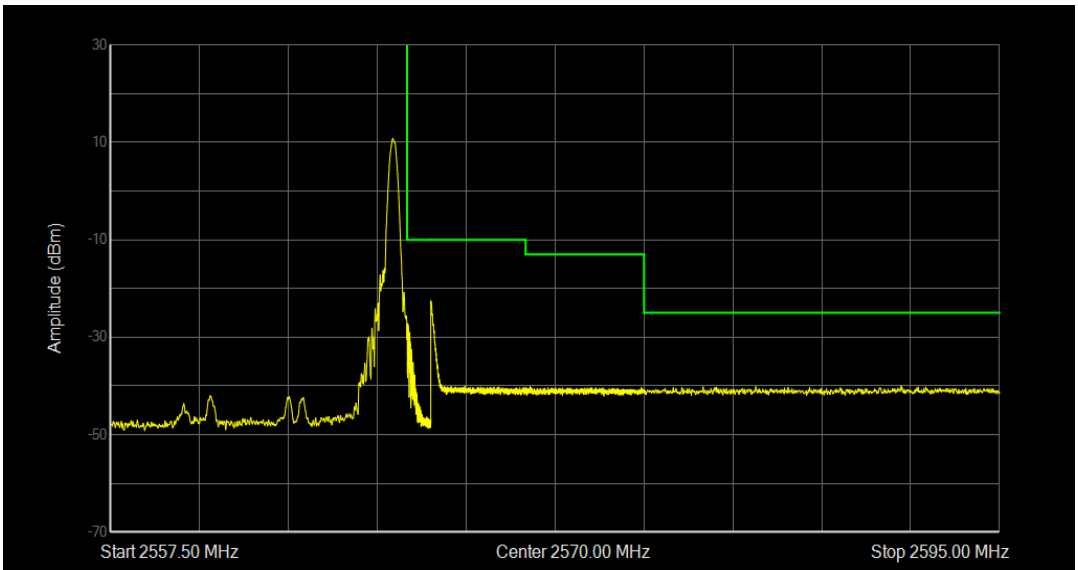
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.46	-40.1	-25
2	2490	2496	1000	2495.916	-35.58	-13
3	2496	2499	1000	2497.815	-33.19	-10
4	2499	2500	200	2499.965	-38.71	-10

Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.999	-46.92	-10
2	2571	2575	1000	2572.956	-40.24	-10
3	2575	2580	1000	2578.31	-40.15	-13
4	2580	2595	1000	2588.31	-40.15	-25

Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max

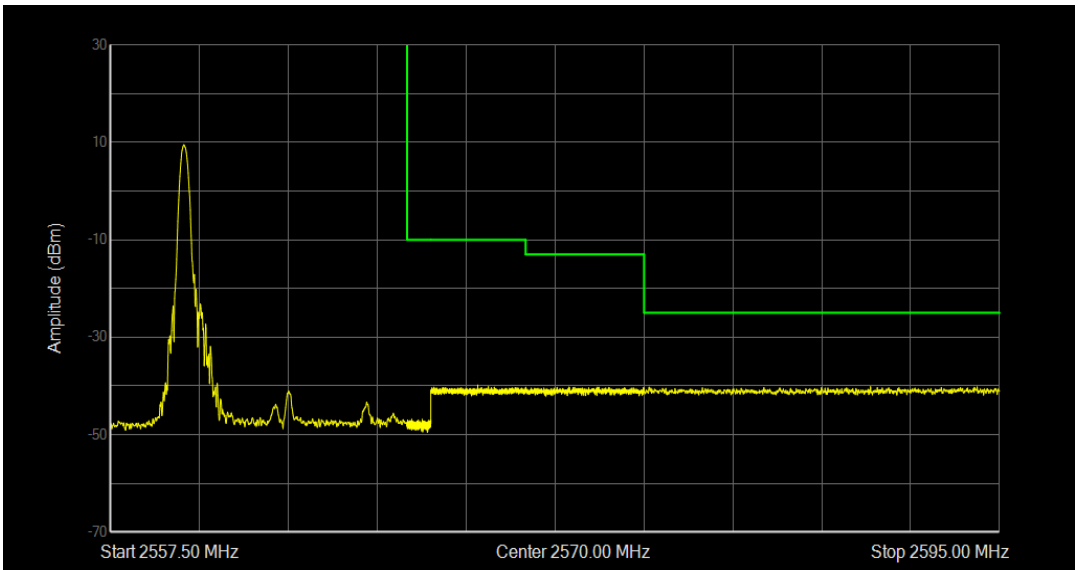


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.004	-27.22	-10
2	2571	2575	1000	2571.004	-22.59	-10
3	2575	2580	1000	2575.185	-40.11	-13
4	2580	2595	1000	2590.845	-40	-25

Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

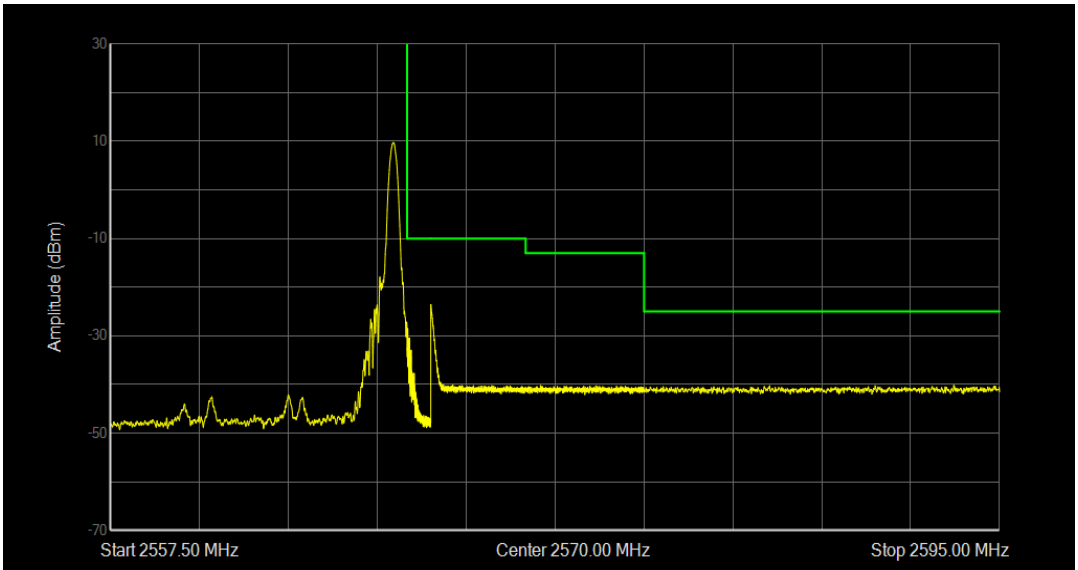
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.026	-37.46	-10
2	2571	2575	1000	2571.176	-31.82	-10
3	2575	2580	1000	2575.145	-35.44	-13
4	2580	2595	1000	2580.705	-39.73	-25

Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#0



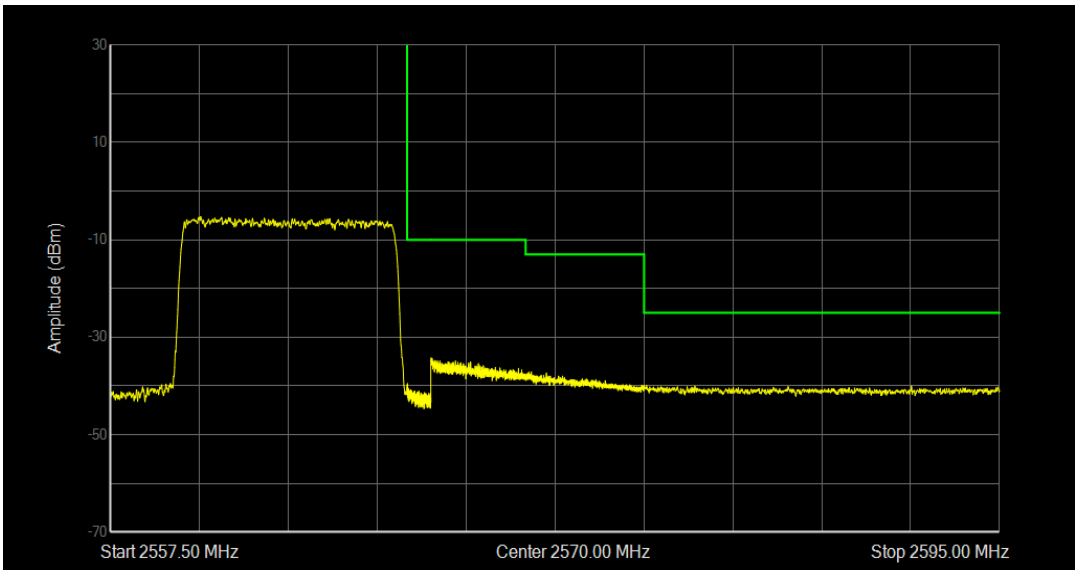
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.196	-46.84	-10
2	2571	2575	1000	2572.98	-39.8	-10
3	2575	2580	1000	2576.835	-40.23	-13
4	2580	2595	1000	2589.555	-40.17	-25

Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#Max



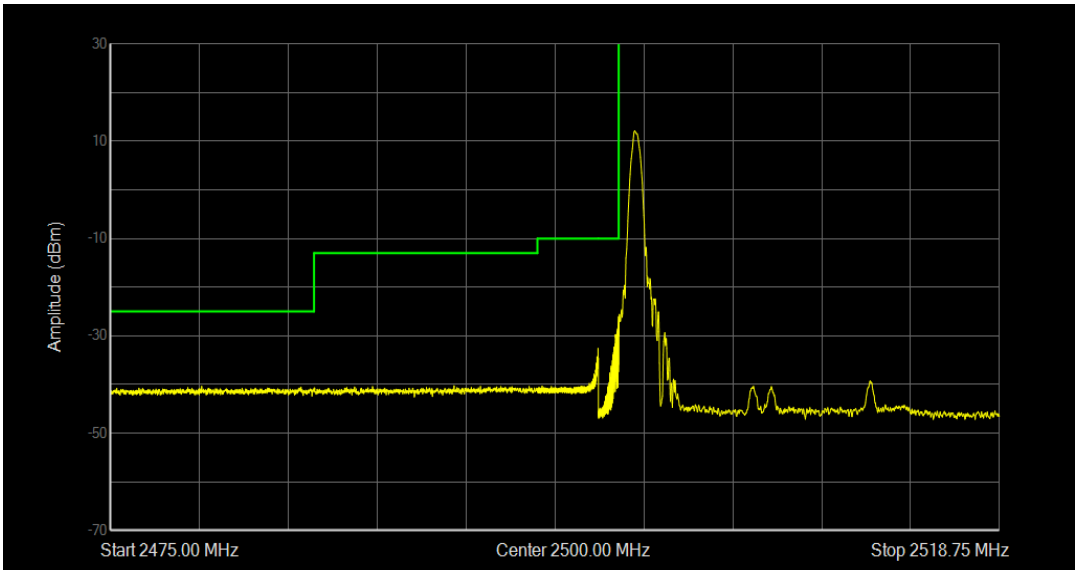
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.003	-28.47	-10
2	2571	2575	1000	2571.004	-23.6	-10
3	2575	2580	1000	2575.625	-40.2	-13
4	2580	2595	1000	2593.065	-40.17	-25

Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



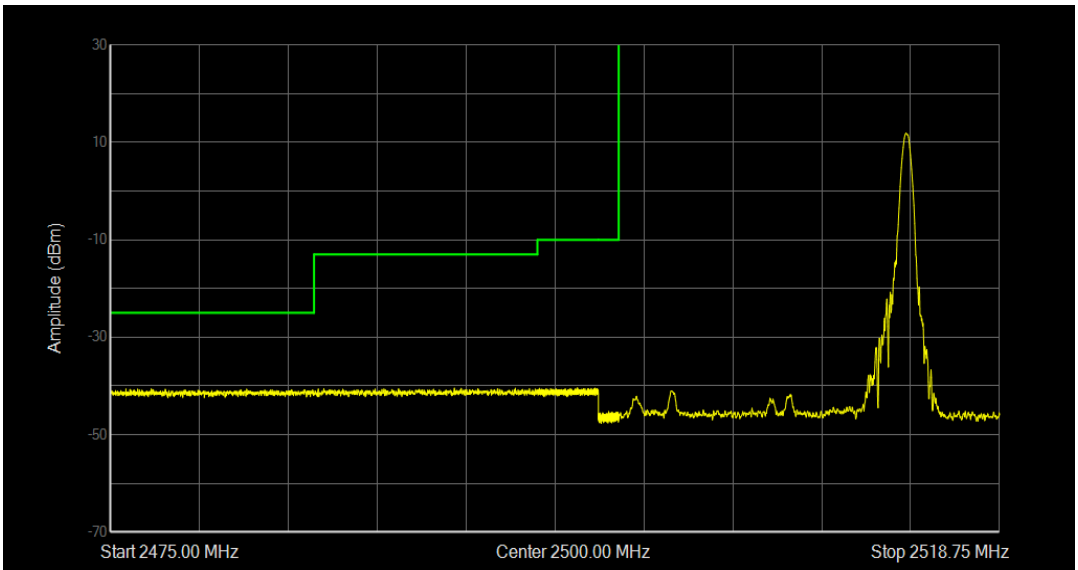
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.017	-39.52	-10
2	2571	2575	1000	2571.016	-34.25	-10
3	2575	2580	1000	2575.24	-37.12	-13
4	2580	2595	1000	2580.105	-39.9	-25

Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



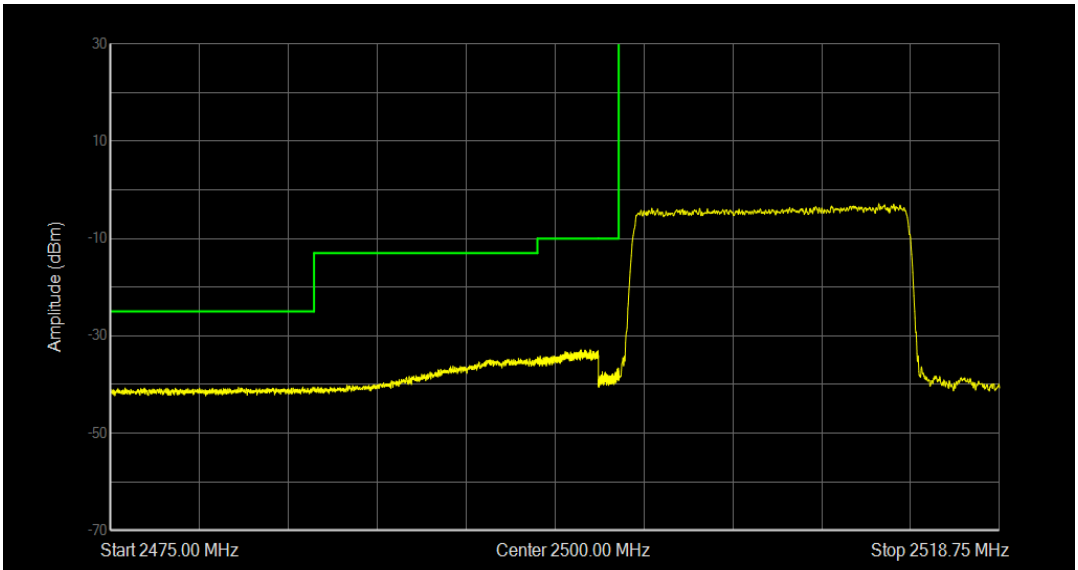
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2479.47	-40.36	-25
2	2485	2496	1000	2491.897	-40.27	-13
3	2496	2499	1000	2498.982	-32.58	-10
4	2499	2500	300	2499.994	-26.03	-10

Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#Max



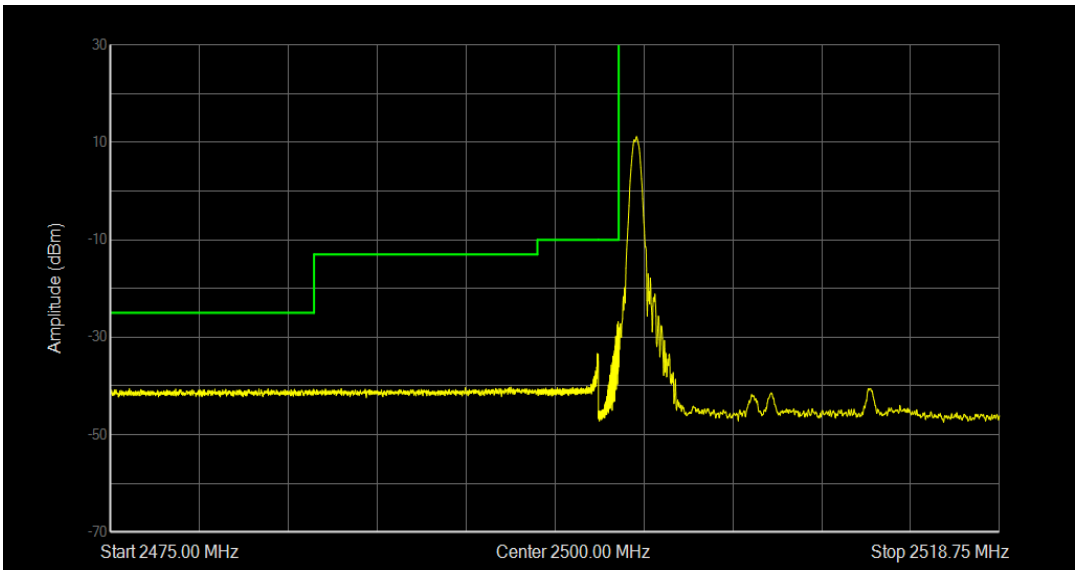
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2476.99	-40.62	-25
2	2485	2496	1000	2491.908	-40.47	-13
3	2496	2499	1000	2497.968	-40.4	-10
4	2499	2500	300	2499.507	-45.26	-10

Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



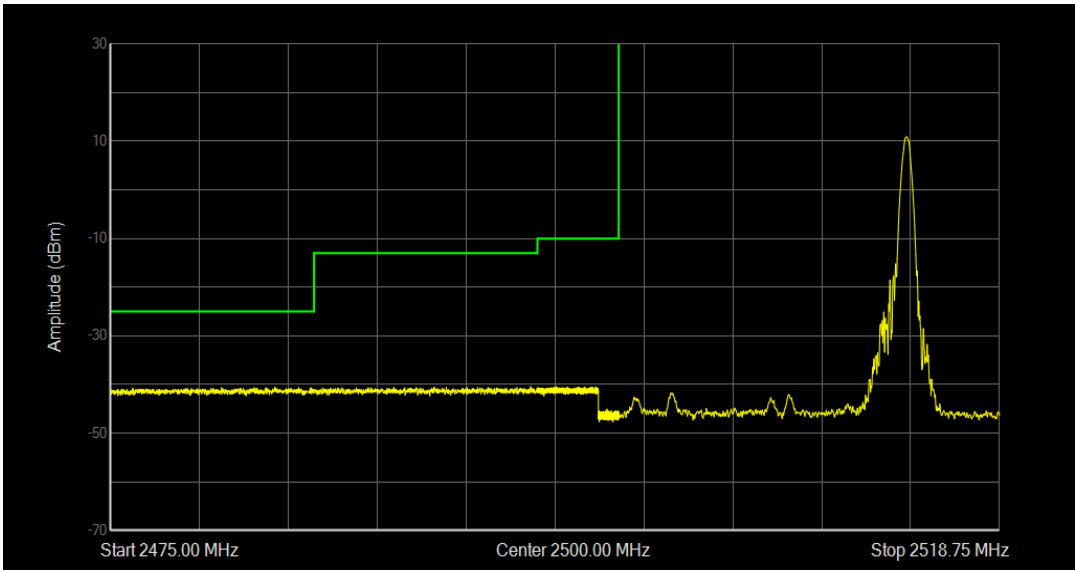
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.45	-40.52	-25
2	2485	2496	1000	2495.065	-34.64	-13
3	2496	2499	1000	2498.595	-32.87	-10
4	2499	2500	300	2499.983	-36.62	-10

Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2475.91	-40.58	-25
2	2485	2496	1000	2494.691	-40.25	-13
3	2496	2499	1000	2498.949	-33.36	-10
4	2499	2500	300	2499.976	-26.8	-10

Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#Max

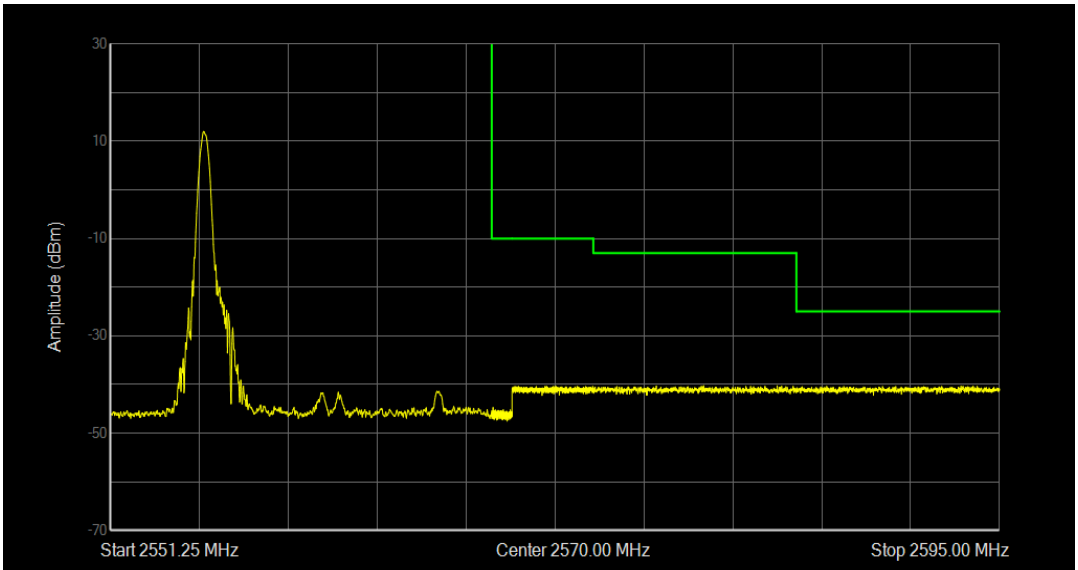


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2483.07	-40.51	-25
2	2485	2496	1000	2495.67	-40.42	-13
3	2496	2499	1000	2496.897	-40.44	-10
4	2499	2500	300	2499.427	-45.05	-10

Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0

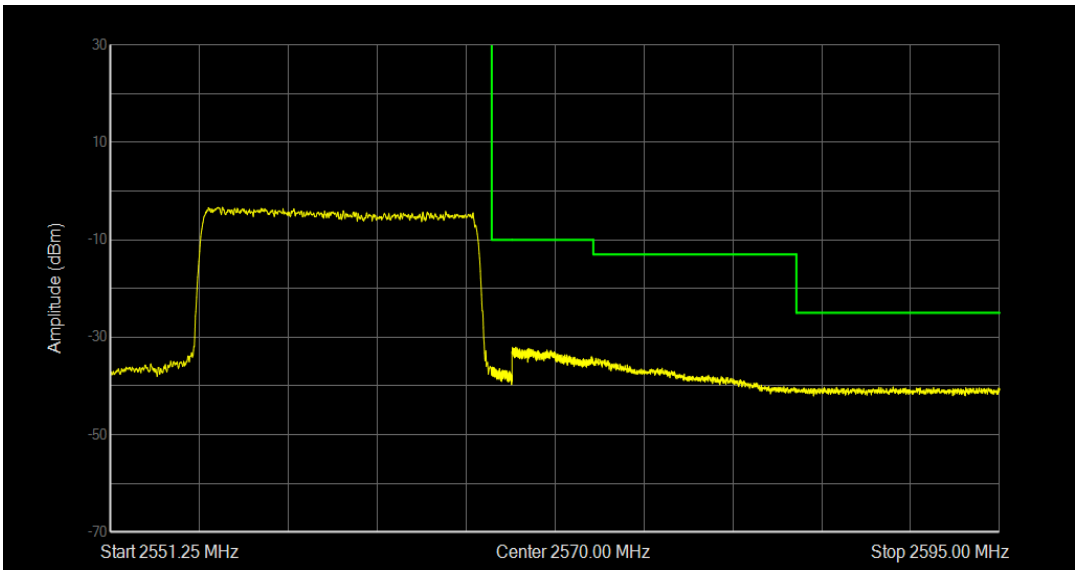
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2480.88	-40.54	-25
2	2485	2496	1000	2494.812	-35.69	-13
3	2496	2499	1000	2498.301	-34.32	-10
4	2499	2500	300	2499.944	-38.79	-10

Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



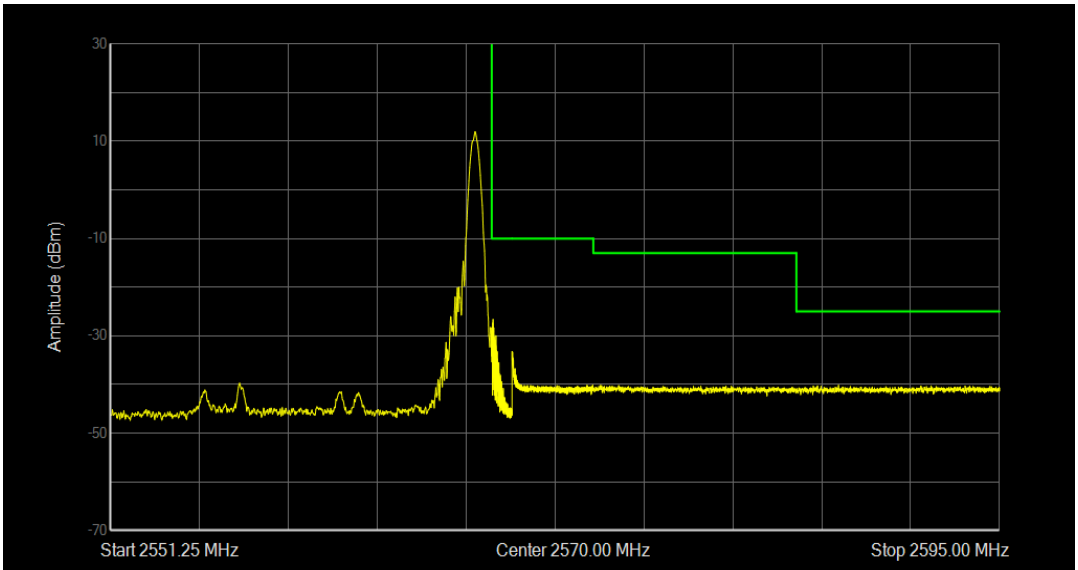
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.067	-44.73	-10
2	2571	2575	1000	2571.308	-40.38	-10
3	2575	2585	1000	2580.43	-40.25	-13
4	2585	2595	1000	2593.1	-40.35	-25

Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



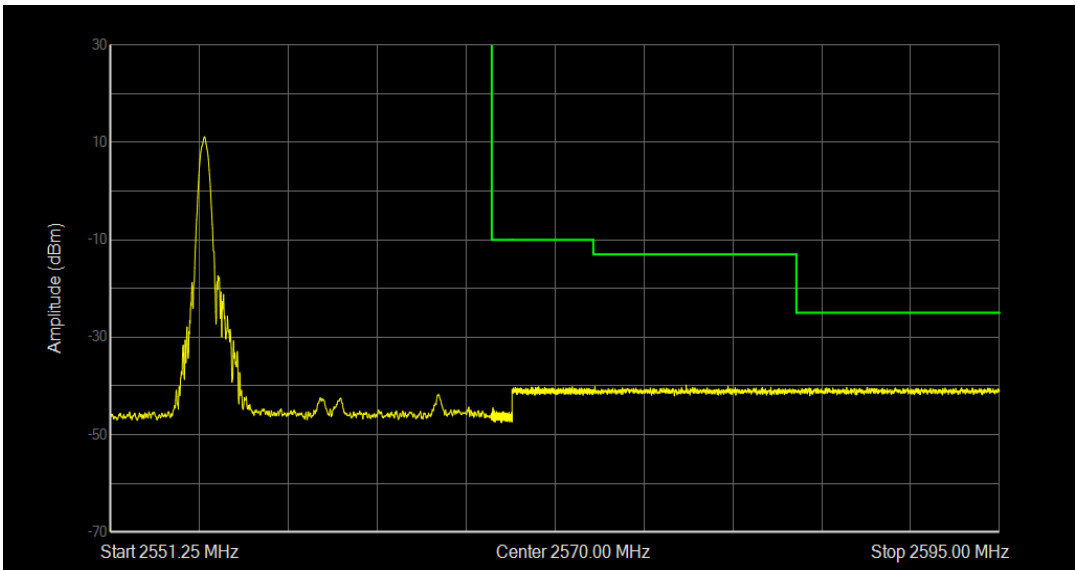
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.047	-36.14	-10
2	2571	2575	1000	2571.18	-32.07	-10
3	2575	2585	1000	2575.12	-34.32	-13
4	2585	2595	1000	2589.76	-40.22	-25

Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#Max



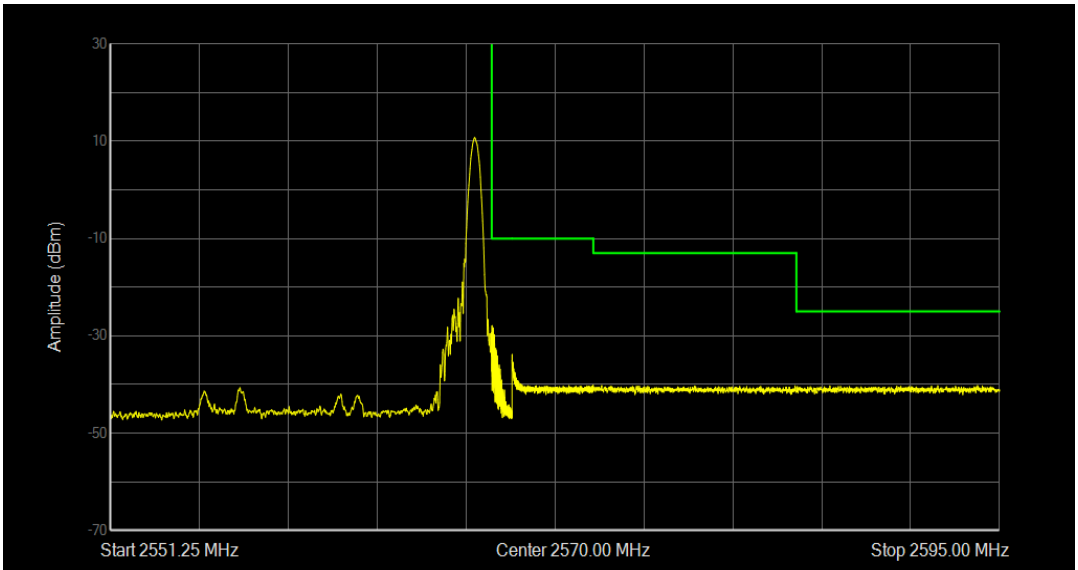
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.067	-26.62	-10
2	2571	2575	1000	2571.024	-33.34	-10
3	2575	2585	1000	2575.34	-40.21	-13
4	2585	2595	1000	2587.07	-40.15	-25

Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.059	-44.51	-10
2	2571	2575	1000	2573.964	-40.18	-10
3	2575	2585	1000	2579.57	-39.82	-13
4	2585	2595	1000	2588.49	-40.29	-25

Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#Max

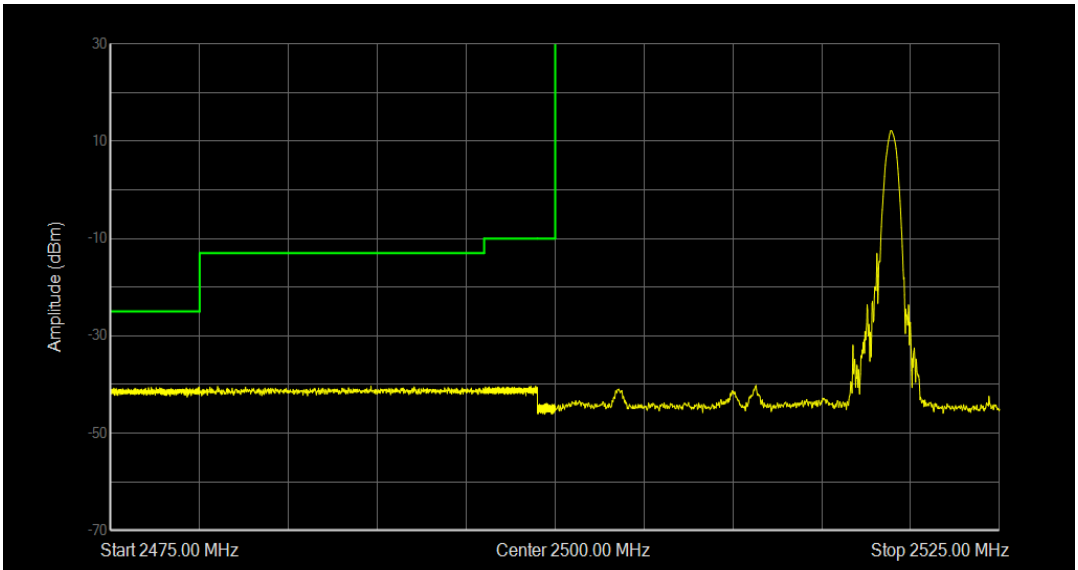


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.015	-27.9	-10
2	2571	2575	1000	2571.004	-33.81	-10
3	2575	2585	1000	2575.42	-40.23	-13
4	2585	2595	1000	2593.92	-40.22	-25

Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0

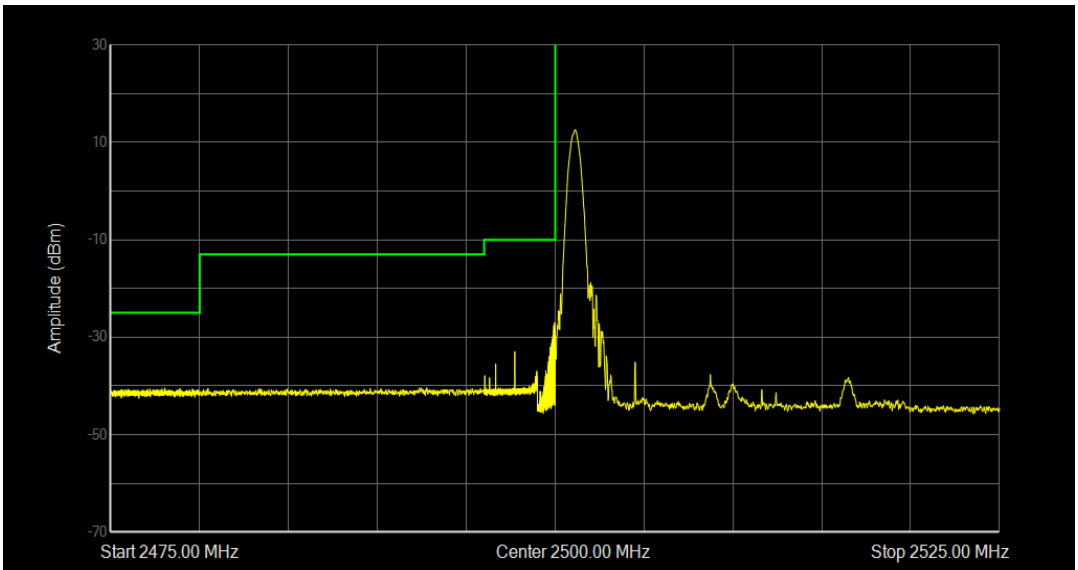
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.023	-38.92	-10
2	2571	2575	1000	2571.884	-34.63	-10
3	2575	2585	1000	2575.1	-36.98	-13
4	2585	2595	1000	2593.05	-40.1	-25

Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max



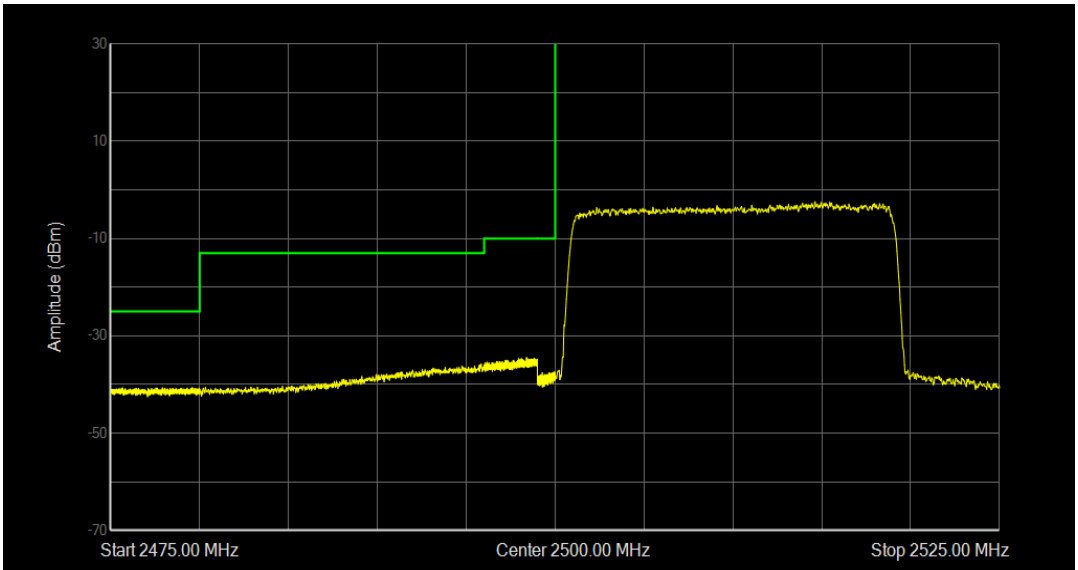
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.94	-40.58	-25
2	2480	2496	1000	2489.632	-40.32	-13
3	2496	2499	1000	2498.898	-40.35	-10
4	2499	2500	430	2499.535	-43.91	-10

Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



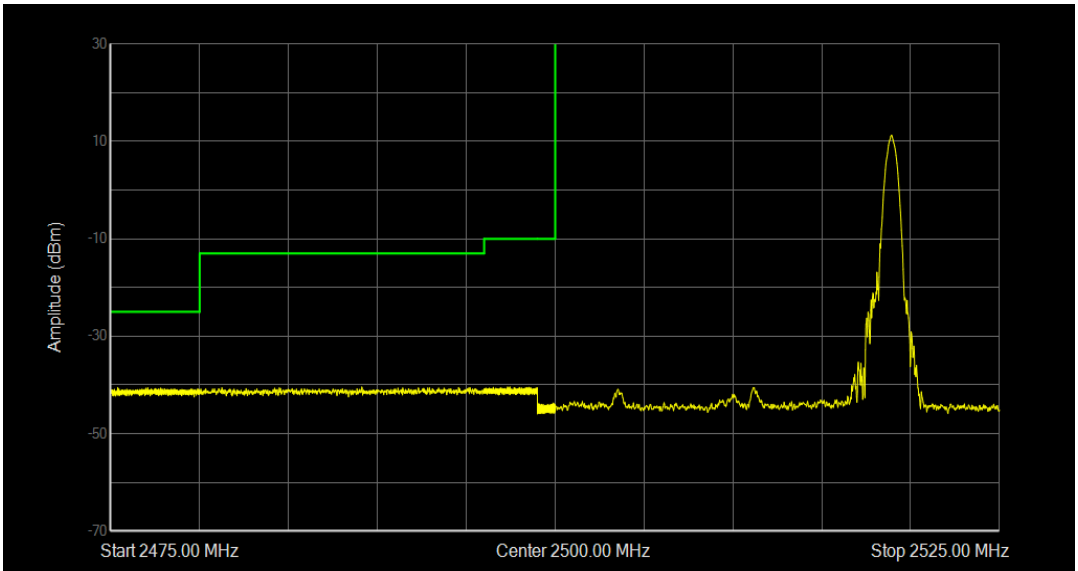
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2478.04	-40.47	-25
2	2480	2496	1000	2492.448	-40.4	-13
3	2496	2499	1000	2497.725	-32.98	-10
4	2499	2500	430	2499.971	-26.99	-10

Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



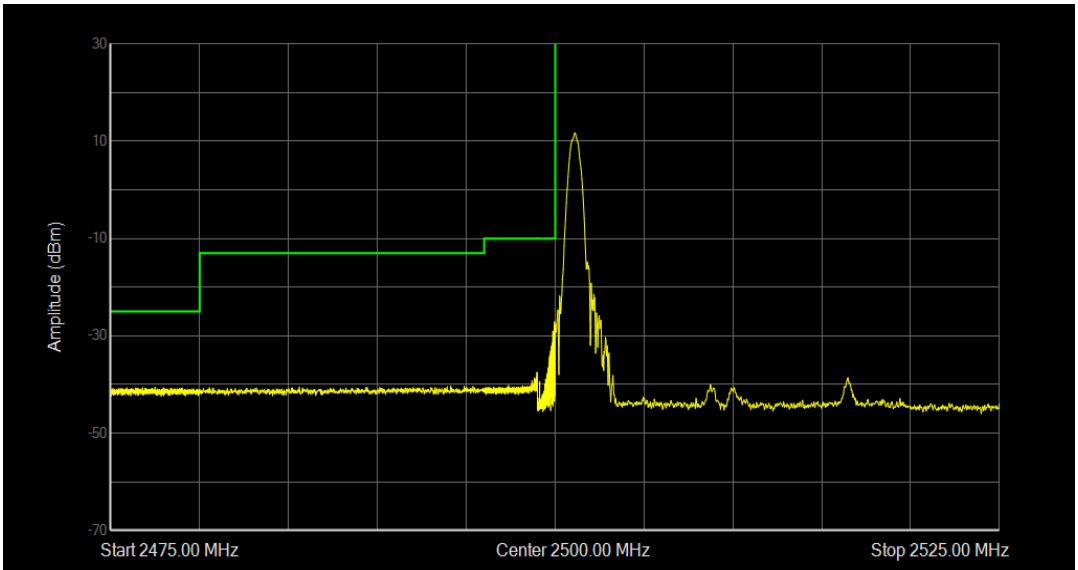
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.585	-40.63	-25
2	2480	2496	1000	2495.84	-35.78	-13
3	2496	2499	1000	2498.382	-34.48	-10
4	2499	2500	430	2499.93	-37.4	-10

Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#Max



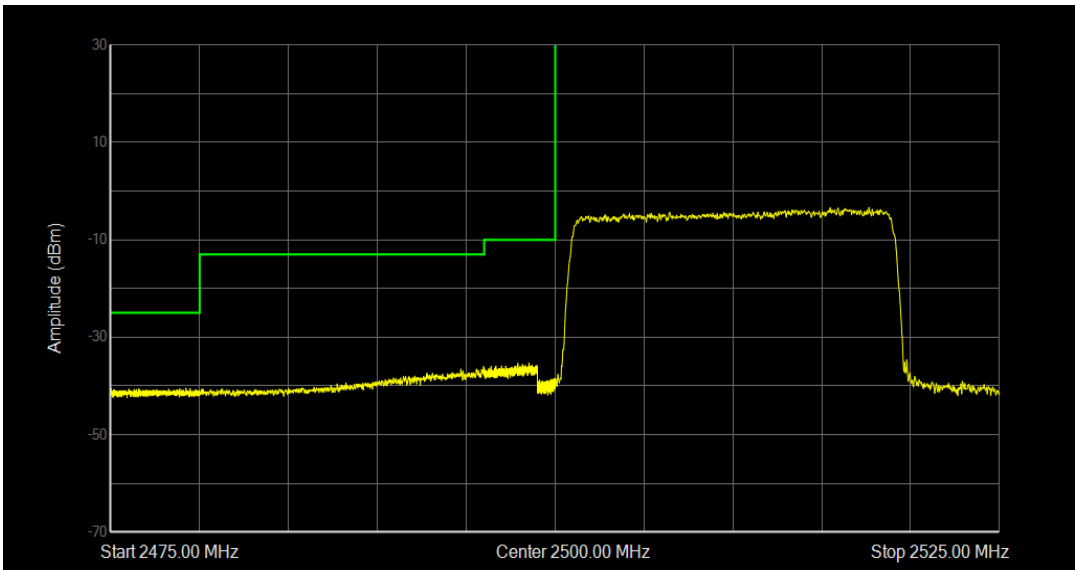
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2475.385	-40.54	-25
2	2480	2496	1000	2489.12	-40.43	-13
3	2496	2499	1000	2497.452	-40.44	-10
4	2499	2500	430	2499.907	-43.74	-10

Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#0



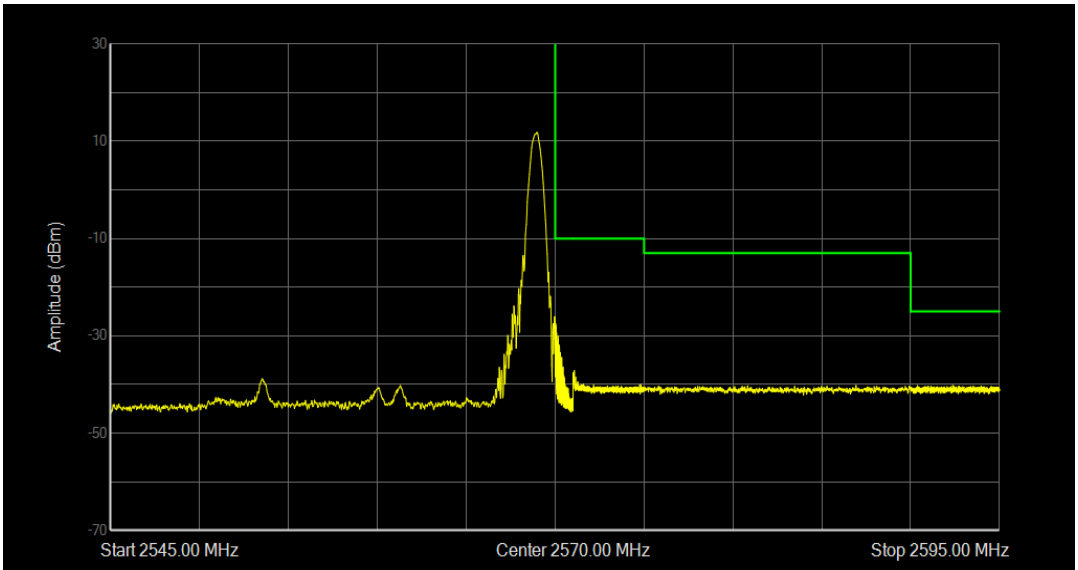
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2477.48	-40.57	-25
2	2480	2496	1000	2494.112	-40.33	-13
3	2496	2499	1000	2498.967	-37.51	-10
4	2499	2500	430	2499.964	-27.11	-10

Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



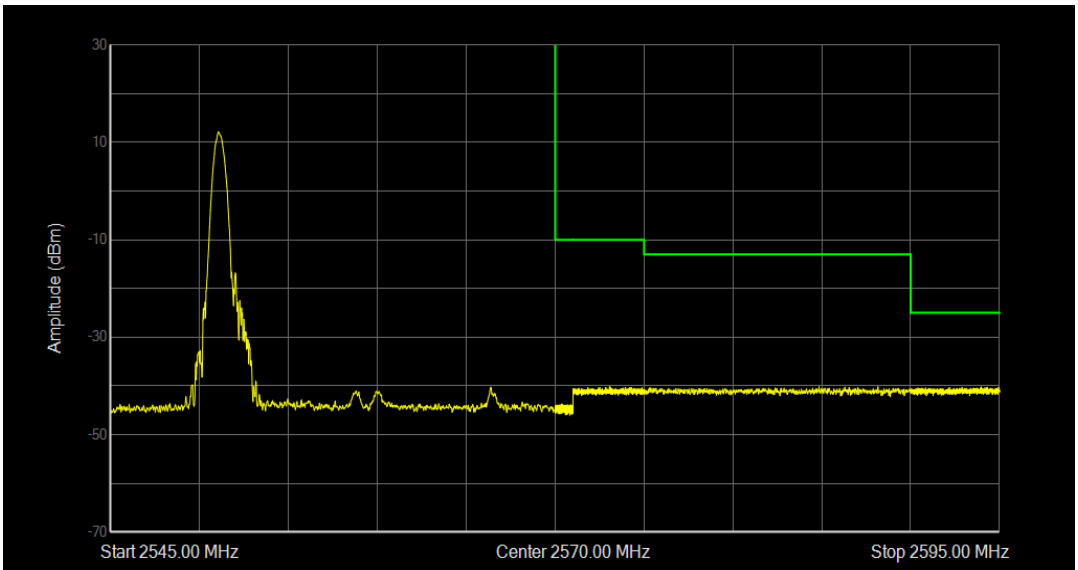
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.22	-40.48	-25
2	2480	2496	1000	2495.968	-36.04	-13
3	2496	2499	1000	2498.523	-35.28	-10
4	2499	2500	430	2499.978	-38.49	-10

Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max



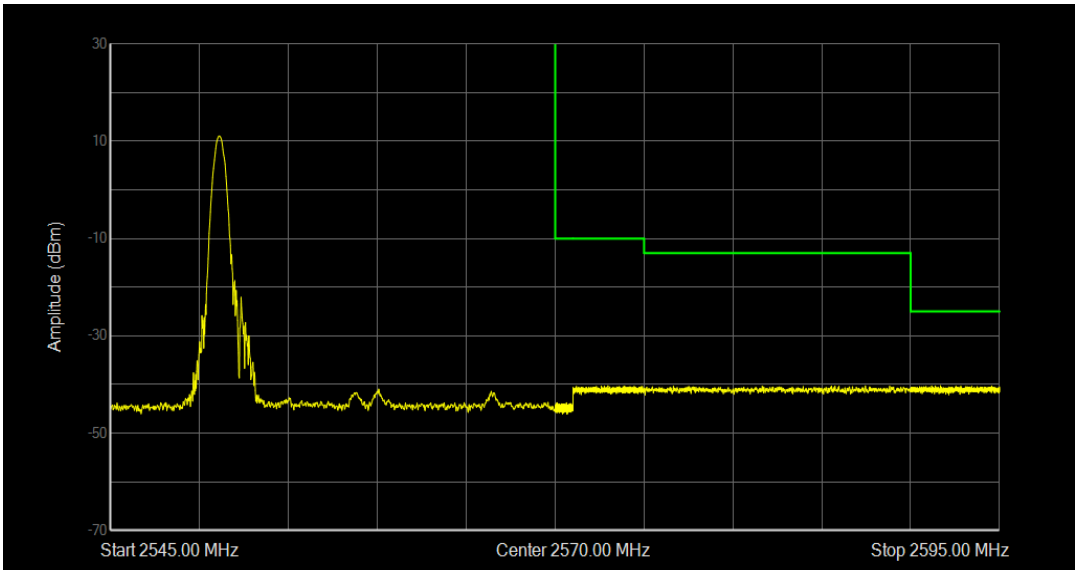
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.028	-27.55	-10
2	2571	2575	1000	2571.072	-37.12	-10
3	2575	2590	1000	2586.925	-40.19	-13
4	2590	2595	1000	2592.365	-40.18	-25

Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



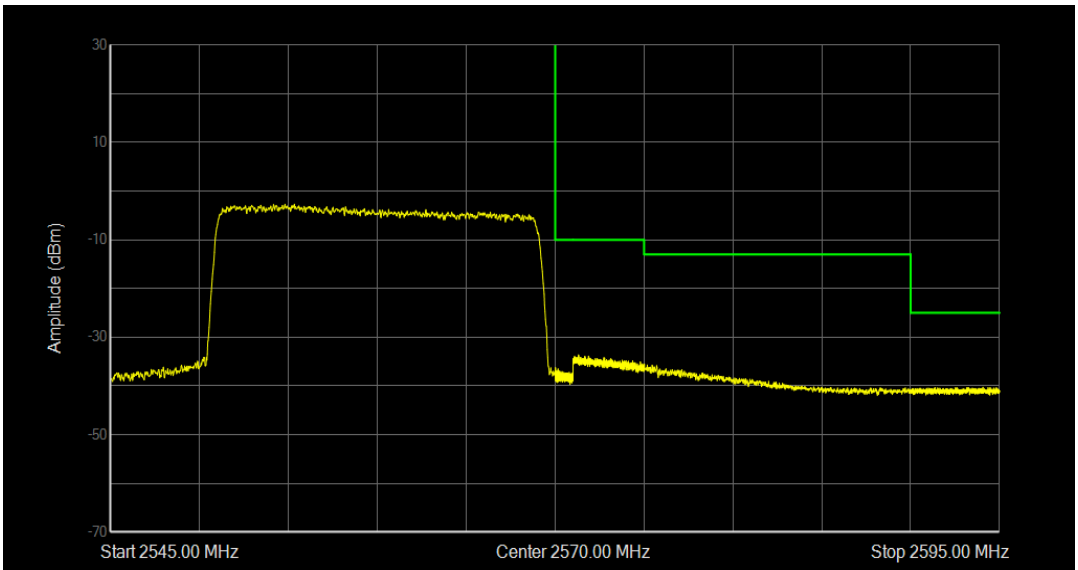
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.378	-43.72	-10
2	2571	2575	1000	2573.052	-40.14	-10
3	2575	2590	1000	2588.155	-40.18	-13
4	2590	2595	1000	2593.965	-40.22	-25

Band7 QAM16 BW=20MHz Channel=21350 RB Size=1 Position=#0



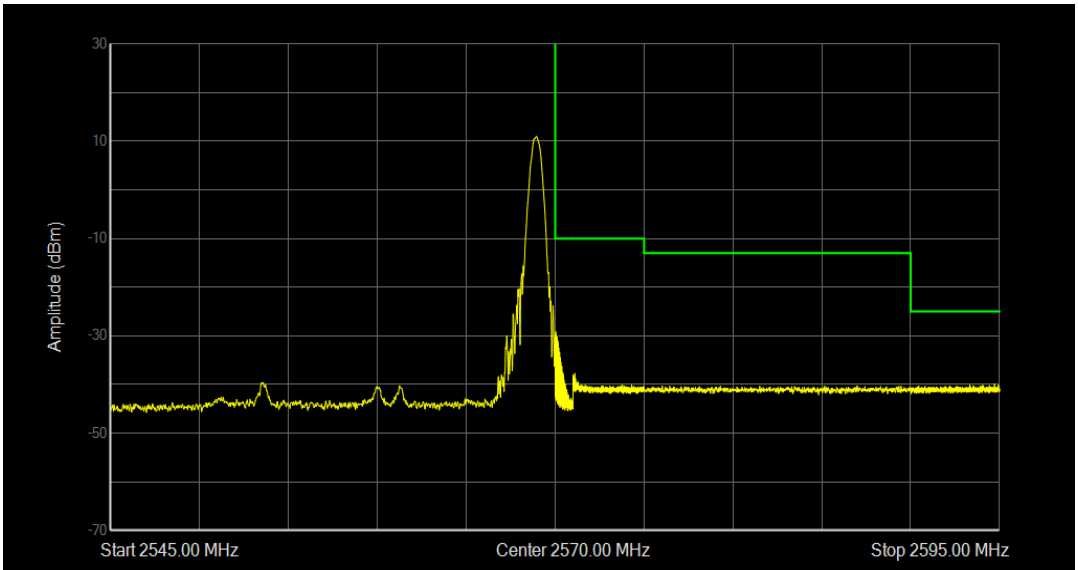
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.107	-43.75	-10
2	2571	2575	1000	2572.964	-40.27	-10
3	2575	2590	1000	2587.45	-40.3	-13
4	2590	2595	1000	2591.675	-40.25	-25

Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



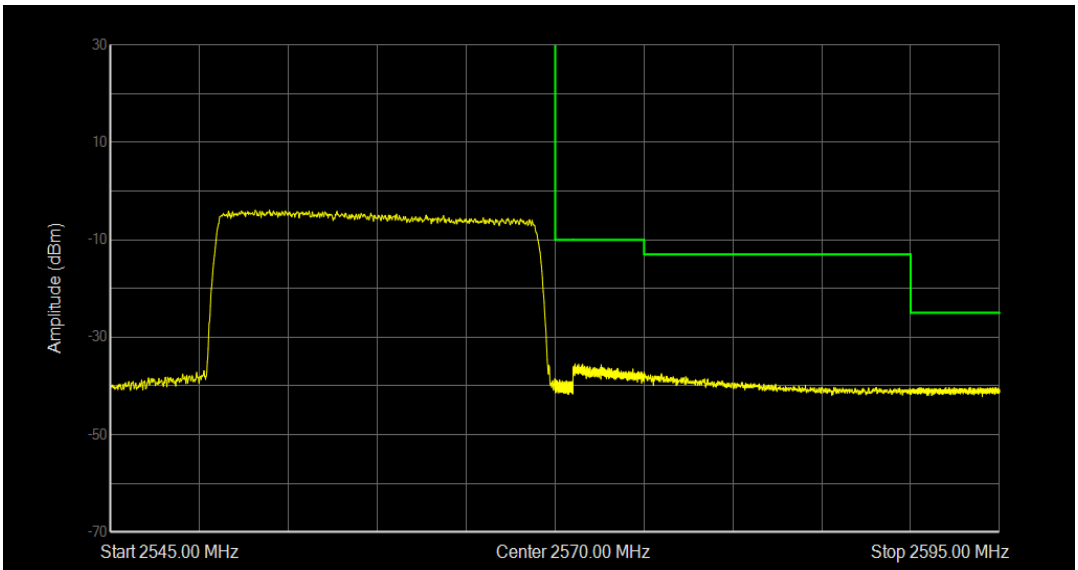
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.013	-36.23	-10
2	2571	2575	1000	2571.312	-33.63	-10
3	2575	2590	1000	2575.015	-35.53	-13
4	2590	2595	1000	2594.065	-40.28	-25

Band7 QAM16 BW=20MHz Channel=21350 RB Size=1 Position=#Max



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.032	-29.18	-10
2	2571	2575	1000	2571.104	-37.73	-10
3	2575	2590	1000	2586.985	-40.28	-13
4	2590	2595	1000	2594.715	-39.94	-25

Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.008	-38.73	-10
2	2571	2575	1000	2571.116	-35.45	-10
3	2575	2590	1000	2575.015	-37.48	-13
4	2590	2595	1000	2594.765	-40.32	-25

5 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	1398.70	-32.12	-13	PASS
Band12	1.4	23017	6	#0	QPSK	2098.90	-35.96	-13	PASS
Band12	1.4	23017	1	#0	QAM16	2098.00	-34.69	-13	PASS
Band12	1.4	23017	6	#0	QAM16	2099.80	-37.15	-13	PASS
Band12	1.4	23095	1	#0	QPSK	1414.00	-34.90	-13	PASS
Band12	1.4	23095	6	#0	QPSK	1414.90	-37.33	-13	PASS
Band12	1.4	23095	1	#0	QAM16	1414.00	-35.62	-13	PASS
Band12	1.4	23095	6	#0	QAM16	1414.90	-40.85	-13	PASS
Band12	1.4	23173	1	#0	QPSK	1430.20	-33.97	-13	PASS
Band12	1.4	23173	6	#0	QPSK	2145.70	-38.68	-13	PASS
Band12	1.4	23173	1	#0	QAM16	1430.20	-36.19	-13	PASS
Band12	1.4	23173	6	#0	QAM16	1430.20	-36.45	-13	PASS
Band12	3	23025	1	#0	QPSK	1398.70	-35.18	-13	PASS
Band12	3	23025	15	#0	QPSK	1401.40	-40.97	-13	PASS
Band12	3	23025	1	#0	QAM16	1398.70	-33.29	-13	PASS
Band12	3	23025	15	#0	QAM16	1401.40	-42.11	-13	PASS
Band12	3	23095	1	#0	QPSK	2118.70	-36.77	-13	PASS
Band12	3	23095	15	#0	QPSK	1416.70	-41.76	-13	PASS
Band12	3	23095	1	#0	QAM16	1412.20	-36.71	-13	PASS
Band12	3	23095	15	#0	QAM16	2125.00	-43.00	-13	PASS
Band12	3	23165	1	#0	QPSK	1426.60	-37.49	-13	PASS
Band12	3	23165	15	#0	QPSK	1429.30	-39.11	-13	PASS
Band12	3	23165	1	#0	QAM16	1426.60	-35.18	-13	PASS
Band12	3	23165	15	#0	QAM16	1429.30	-41.71	-13	PASS
Band12	5	23035	1	#0	QPSK	1398.70	-37.42	-13	PASS
Band12	5	23035	25	#0	QPSK	1404.10	-43.83	-13	PASS
Band12	5	23035	1	#0	QAM16	1398.70	-38.86	-13	PASS
Band12	5	23035	25	#0	QAM16	1401.40	-41.94	-13	PASS
Band12	5	23095	1	#0	QPSK	1410.40	-34.81	-13	PASS
Band12	5	23095	25	#0	QPSK	1413.10	-43.81	-13	PASS
Band12	5	23095	1	#0	QAM16	2116.00	-34.38	-13	PASS
Band12	5	23095	25	#0	QAM16	1414.90	-43.73	-13	PASS
Band12	5	23155	1	#0	QPSK	1423.00	-34.87	-13	PASS
Band12	5	23155	25	#0	QPSK	1423.90	-43.40	-13	PASS
Band12	5	23155	1	#0	QAM16	1423.00	-36.06	-13	PASS
Band12	5	23155	25	#0	QAM16	7410.70	-43.69	-13	PASS
Band12	10	23060	1	#0	QPSK	1399.60	-37.47	-13	PASS
Band12	10	23060	50	#0	QPSK	7419.70	-44.96	-13	PASS
Band12	10	23060	1	#0	QAM16	1399.60	-37.00	-13	PASS
Band12	10	23060	50	#0	QAM16	0.01	-44.18	-13	PASS
Band12	10	23095	1	#0	QPSK	1405.90	-37.65	-13	PASS

Band12	10	23095	50	#0	QPSK	5711.50	-44.87	-13	PASS
Band12	10	23095	1	#0	QAM16	1406.80	-37.48	-13	PASS
Band12	10	23095	50	#0	QAM16	1410.40	-44.28	-13	PASS
Band12	10	23130	1	#0	QPSK	1413.10	-37.59	-13	PASS
Band12	10	23130	50	#0	QPSK	2473.30	-42.71	-13	PASS
Band12	10	23130	1	#0	QAM16	1413.10	-36.77	-13	PASS
Band12	10	23130	50	#0	QAM16	6030.10	-44.65	-13	PASS
Band13	5	23205	1	#0	QPSK	1607.38	-48.13	-40	PASS
Band13	5	23205	25	#0	QPSK	1584.08	-48.13	-40	PASS
Band13	5	23205	1	#0	QAM16	1584.02	-49.09	-40	PASS
Band13	5	23205	25	#0	QAM16	1601.73	-49.28	-40	PASS
Band13	5	23230	1	#0	QPSK	1594.98	-48.52	-40	PASS
Band13	5	23230	25	#0	QPSK	1581.05	-49.38	-40	PASS
Band13	5	23230	1	#0	QAM16	1588.69	-48.68	-40	PASS
Band13	5	23230	25	#0	QAM16	1600.92	-49.71	-40	PASS
Band13	5	23255	1	#0	QPSK	1571.87	-49.80	-40	PASS
Band13	5	23255	25	#0	QPSK	1568.12	-49.61	-40	PASS
Band13	5	23255	1	#0	QAM16	1607.37	-47.94	-40	PASS
Band13	5	23255	25	#0	QAM16	1559.07	-49.81	-40	PASS
Band13	10	23230	1	#0	QPSK	1566.84	-48.80	-40	PASS
Band13	10	23230	50	#0	QPSK	1597.93	-48.68	-40	PASS
Band13	10	23230	1	#0	QAM16	1598.85	-49.06	-40	PASS
Band13	10	23230	50	#0	QAM16	1600.36	-49.51	-40	PASS
Band17	5	23755	1	#0	QPSK	2113.30	-37.19	-13	PASS
Band17	5	23755	25	#0	QPSK	1415.80	-43.07	-13	PASS
Band17	5	23755	1	#0	QAM16	2113.30	-35.58	-13	PASS
Band17	5	23755	25	#0	QAM16	1414.00	-42.23	-13	PASS
Band17	5	23790	1	#0	QPSK	2124.10	-37.28	-13	PASS
Band17	5	23790	25	#0	QPSK	1420.30	-43.47	-13	PASS
Band17	5	23790	1	#0	QAM16	1415.80	-38.21	-13	PASS
Band17	5	23790	25	#0	QAM16	1417.60	-42.00	-13	PASS
Band17	5	23825	1	#0	QPSK	1423.00	-37.79	-13	PASS
Band17	5	23825	25	#0	QPSK	1429.30	-43.57	-13	PASS
Band17	5	23825	1	#0	QAM16	1423.00	-37.63	-13	PASS
Band17	5	23825	25	#0	QAM16	1428.40	-42.81	-13	PASS
Band17	10	23780	1	#0	QPSK	1409.50	-36.46	-13	PASS
Band17	10	23780	50	#0	QPSK	7621.30	-44.61	-13	PASS
Band17	10	23780	1	#0	QAM16	1409.50	-37.58	-13	PASS
Band17	10	23780	50	#0	QAM16	5377.60	-43.60	-13	PASS
Band17	10	23790	1	#0	QPSK	2116.90	-35.18	-13	PASS
Band17	10	23790	50	#0	QPSK	8571.70	-44.93	-13	PASS
Band17	10	23790	1	#0	QAM16	1411.30	-40.23	-13	PASS
Band17	10	23790	50	#0	QAM16	1419.40	-44.33	-13	PASS
Band17	10	23800	1	#0	QPSK	1413.10	-37.09	-13	PASS

Band17	10	23800	50	#0	QPSK	6836.50	-43.76	-13	PASS
Band17	10	23800	1	#0	QAM16	2120.50	-35.46	-13	PASS
Band17	10	23800	50	#0	QAM16	1425.70	-43.86	-13	PASS
Band18	5	23875	1	#0	QPSK	1630.90	-34.27	-13	PASS
Band18	5	23875	25	#0	QPSK	1636.30	-41.59	-13	PASS
Band18	5	23875	1	#0	QAM16	1630.90	-36.81	-13	PASS
Band18	5	23875	25	#0	QAM16	1636.30	-40.83	-13	PASS
Band18	5	23925	1	#0	QPSK	1640.80	-34.08	-13	PASS
Band18	5	23925	25	#0	QPSK	1645.30	-40.64	-13	PASS
Band18	5	23925	1	#0	QAM16	1640.80	-33.42	-13	PASS
Band18	5	23925	25	#0	QAM16	1645.30	-41.29	-13	PASS
Band18	5	23975	1	#0	QPSK	1650.70	-32.60	-13	PASS
Band18	5	23975	25	#0	QPSK	1655.20	-40.98	-13	PASS
Band18	5	23975	1	#0	QAM16	1650.70	-33.06	-13	PASS
Band18	5	23975	25	#0	QAM16	1654.30	-41.36	-13	PASS
Band18	10	23900	1	#0	QPSK	1631.80	-34.01	-13	PASS
Band18	10	23900	50	#0	QPSK	1635.40	-42.48	-13	PASS
Band18	10	23900	1	#0	QAM16	1631.80	-36.55	-13	PASS
Band18	10	23900	50	#0	QAM16	1640.80	-42.08	-13	PASS
Band18	10	23925	1	#0	QPSK	1636.30	-34.63	-13	PASS
Band18	10	23925	50	#0	QPSK	1645.30	-41.49	-13	PASS
Band18	10	23925	1	#0	QAM16	1636.30	-35.58	-13	PASS
Band18	10	23925	50	#0	QAM16	1649.80	-43.43	-13	PASS
Band18	10	23950	1	#0	QPSK	1640.80	-35.41	-13	PASS
Band18	10	23950	50	#0	QPSK	1650.70	-42.05	-13	PASS
Band18	10	23950	1	#0	QAM16	1641.70	-33.69	-13	PASS
Band18	10	23950	50	#0	QAM16	1651.60	-42.37	-13	PASS
Band18	15	23925	1	#0	QPSK	1631.80	-33.66	-13	PASS
Band18	15	23925	75	#0	QPSK	1647.10	-42.84	-13	PASS
Band18	15	23925	1	#0	QAM16	1631.80	-35.82	-13	PASS
Band18	15	23925	75	#0	QAM16	7336.90	-44.33	-13	PASS
Band19	5	24025	1	#0	QPSK	1660.60	-35.32	-13	PASS
Band19	5	24025	25	#0	QPSK	1667.80	-40.57	-13	PASS
Band19	5	24025	1	#0	QAM16	1660.60	-34.72	-13	PASS
Band19	5	24025	25	#0	QAM16	1663.30	-41.04	-13	PASS
Band19	5	24075	1	#0	QPSK	1670.50	-34.90	-13	PASS
Band19	5	24075	25	#0	QPSK	1677.70	-40.90	-13	PASS
Band19	5	24075	1	#0	QAM16	1670.50	-35.68	-13	PASS
Band19	5	24075	25	#0	QAM16	1672.30	-40.30	-13	PASS
Band19	5	24125	1	#0	QPSK	1681.30	-33.38	-13	PASS
Band19	5	24125	25	#0	QPSK	1682.20	-41.22	-13	PASS
Band19	5	24125	1	#0	QAM16	1681.30	-34.77	-13	PASS
Band19	5	24125	25	#0	QAM16	1683.10	-39.61	-13	PASS
Band19	10	24050	1	#0	QPSK	1661.50	-33.09	-13	PASS

Band19	10	24050	50	#0	QPSK	1663.30	-42.18	-13	PASS
Band19	10	24050	1	#0	QAM16	1661.50	-34.55	-13	PASS
Band19	10	24050	50	#0	QAM16	1666.00	-43.46	-13	PASS
Band19	10	24075	1	#0	QPSK	1666.90	-35.00	-13	PASS
Band19	10	24075	50	#0	QPSK	1675.90	-43.21	-13	PASS
Band19	10	24075	1	#0	QAM16	1666.00	-36.80	-13	PASS
Band19	10	24075	50	#0	QAM16	1671.40	-42.85	-13	PASS
Band19	10	24100	1	#0	QPSK	1671.40	-33.99	-13	PASS
Band19	10	24100	50	#0	QPSK	1678.60	-42.84	-13	PASS
Band19	10	24100	1	#0	QAM16	1671.40	-35.58	-13	PASS
Band19	10	24100	50	#0	QAM16	1680.40	-43.70	-13	PASS
Band19	15	24075	1	#0	QPSK	1662.40	-35.41	-13	PASS
Band19	15	24075	75	#0	QPSK	7649.20	-43.96	-13	PASS
Band19	15	24075	1	#0	QAM16	1662.40	-36.07	-13	PASS
Band19	15	24075	75	#0	QAM16	1666.90	-44.65	-13	PASS
Band2	1.4	18607	1	#0	QPSK	3700.90	-42.25	-13	PASS
Band2	1.4	18607	6	#0	QPSK	3701.80	-42.78	-13	PASS
Band2	1.4	18607	1	#0	QAM16	6634.00	-42.89	-13	PASS
Band2	1.4	18607	6	#0	QAM16	5474.80	-42.50	-13	PASS
Band2	1.4	18900	1	#0	QPSK	6628.60	-42.49	-13	PASS
Band2	1.4	18900	6	#0	QPSK	6056.20	-42.65	-13	PASS
Band2	1.4	18900	1	#0	QAM16	7584.40	-41.92	-13	PASS
Band2	1.4	18900	6	#0	QAM16	7917.40	-43.00	-13	PASS
Band2	1.4	19193	1	#0	QPSK	3817.90	-39.78	-13	PASS
Band2	1.4	19193	6	#0	QPSK	3818.80	-38.74	-13	PASS
Band2	1.4	19193	1	#0	QAM16	3817.90	-39.20	-13	PASS
Band2	1.4	19193	6	#0	QAM16	3818.80	-38.79	-13	PASS
Band2	3	18615	1	#0	QPSK	3700.90	-42.15	-13	PASS
Band2	3	18615	15	#0	QPSK	3702.70	-43.44	-13	PASS
Band2	3	18615	1	#0	QAM16	7276.60	-41.95	-13	PASS
Band2	3	18615	15	#0	QAM16	3703.60	-42.91	-13	PASS
Band2	3	18900	1	#0	QPSK	6269.50	-42.14	-13	PASS
Band2	3	18900	15	#0	QPSK	9680.50	-42.59	-13	PASS
Band2	3	18900	1	#0	QAM16	6229.00	-42.60	-13	PASS
Band2	3	18900	15	#0	QAM16	6302.80	-42.58	-13	PASS
Band2	3	19185	1	#0	QPSK	3814.30	-38.79	-13	PASS
Band2	3	19185	15	#0	QPSK	3815.20	-40.28	-13	PASS
Band2	3	19185	1	#0	QAM16	3814.30	-40.02	-13	PASS
Band2	3	19185	15	#0	QAM16	3817.90	-41.56	-13	PASS
Band2	5	18625	1	#0	QPSK	3700.90	-42.29	-13	PASS
Band2	5	18625	25	#0	QPSK	7544.80	-43.06	-13	PASS
Band2	5	18625	1	#0	QAM16	3700.90	-40.95	-13	PASS
Band2	5	18625	25	#0	QAM16	7706.80	-43.15	-13	PASS
Band2	5	18900	1	#0	QPSK	7611.40	-42.51	-13	PASS

Band2	5	18900	25	#0	QPSK	6025.60	-42.97	-13	PASS
Band2	5	18900	1	#0	QAM16	5946.40	-42.72	-13	PASS
Band2	5	18900	25	#0	QAM16	7115.50	-42.22	-13	PASS
Band2	5	19175	1	#0	QPSK	3810.70	-39.91	-13	PASS
Band2	5	19175	25	#0	QPSK	3815.20	-42.33	-13	PASS
Band2	5	19175	1	#0	QAM16	3810.70	-41.43	-13	PASS
Band2	5	19175	25	#0	QAM16	7021.00	-42.90	-13	PASS
Band2	10	18650	1	#0	QPSK	3700.90	-41.99	-13	PASS
Band2	10	18650	50	#0	QPSK	6415.30	-43.42	-13	PASS
Band2	10	18650	1	#0	QAM16	3700.90	-41.40	-13	PASS
Band2	10	18650	50	#0	QAM16	5870.80	-42.70	-13	PASS
Band2	10	18900	1	#0	QPSK	3751.30	-42.83	-13	PASS
Band2	10	18900	50	#0	QPSK	3268.00	-42.83	-13	PASS
Band2	10	18900	1	#0	QAM16	3751.30	-41.94	-13	PASS
Band2	10	18900	50	#0	QAM16	7619.50	-42.30	-13	PASS
Band2	10	19150	1	#0	QPSK	3801.70	-41.52	-13	PASS
Band2	10	19150	50	#0	QPSK	2474.20	-41.50	-13	PASS
Band2	10	19150	1	#0	QAM16	5716.00	-43.12	-13	PASS
Band2	10	19150	50	#0	QAM16	6587.20	-42.43	-13	PASS
Band2	15	18675	1	#0	QPSK	3701.80	-41.18	-13	PASS
Band2	15	18675	75	#0	QPSK	7680.70	-42.33	-13	PASS
Band2	15	18675	1	#0	QAM16	3701.80	-42.18	-13	PASS
Band2	15	18675	75	#0	QAM16	7212.70	-42.66	-13	PASS
Band2	15	18900	1	#0	QPSK	3746.80	-42.59	-13	PASS
Band2	15	18900	75	#0	QPSK	7646.50	-42.45	-13	PASS
Band2	15	18900	1	#0	QAM16	6850.00	-43.15	-13	PASS
Band2	15	18900	75	#0	QAM16	7571.80	-42.44	-13	PASS
Band2	15	19125	1	#0	QPSK	3791.80	-40.98	-13	PASS
Band2	15	19125	75	#0	QPSK	7555.60	-42.49	-13	PASS
Band2	15	19125	1	#0	QAM16	3791.80	-39.91	-13	PASS
Band2	15	19125	75	#0	QAM16	5925.70	-42.65	-13	PASS
Band2	20	18700	1	#0	QPSK	3702.70	-42.25	-13	PASS
Band2	20	18700	100	#0	QPSK	7654.60	-42.97	-13	PASS
Band2	20	18700	1	#0	QAM16	7108.30	-41.03	-13	PASS
Band2	20	18700	100	#0	QAM16	3143.80	-42.38	-13	PASS
Band2	20	18900	1	#0	QPSK	3743.20	-42.59	-13	PASS
Band2	20	18900	100	#0	QPSK	7619.50	-42.65	-13	PASS
Band2	20	18900	1	#0	QAM16	3742.30	-41.97	-13	PASS
Band2	20	18900	100	#0	QAM16	3097.90	-43.09	-13	PASS
Band2	20	19100	1	#0	QPSK	3781.90	-40.82	-13	PASS
Band2	20	19100	100	#0	QPSK	7370.20	-42.95	-13	PASS
Band2	20	19100	1	#0	QAM16	3782.80	-41.57	-13	PASS
Band2	20	19100	100	#0	QAM16	7131.70	-42.80	-13	PASS
Band25	1.4	26047	1	#0	QPSK	3700.90	-40.97	-13	PASS

Band25	1.4	26047	6	#0	QPSK	7605.10	-42.64	-13	PASS
Band25	1.4	26047	1	#0	QAM16	9661.60	-42.81	-13	PASS
Band25	1.4	26047	6	#0	QAM16	3700.90	-42.91	-13	PASS
Band25	1.4	26365	1	#0	QPSK	3763.90	-41.89	-13	PASS
Band25	1.4	26365	6	#0	QPSK	3764.80	-41.71	-13	PASS
Band25	1.4	26365	1	#0	QAM16	3763.90	-42.09	-13	PASS
Band25	1.4	26365	6	#0	QAM16	3764.80	-40.75	-13	PASS
Band25	1.4	26683	1	#0	QPSK	3827.80	-39.09	-13	PASS
Band25	1.4	26683	6	#0	QPSK	3827.80	-38.47	-13	PASS
Band25	1.4	26683	1	#0	QAM16	3827.80	-39.01	-13	PASS
Band25	1.4	26683	6	#0	QAM16	3829.60	-37.94	-13	PASS
Band25	3	26055	1	#0	QPSK	7517.80	-42.38	-13	PASS
Band25	3	26055	15	#0	QPSK	7627.60	-42.92	-13	PASS
Band25	3	26055	1	#0	QAM16	3212.20	-42.41	-13	PASS
Band25	3	26055	15	#0	QAM16	6420.70	-43.05	-13	PASS
Band25	3	26365	1	#0	QPSK	3763.00	-42.22	-13	PASS
Band25	3	26365	15	#0	QPSK	7643.80	-42.83	-13	PASS
Band25	3	26365	1	#0	QAM16	3763.00	-41.91	-13	PASS
Band25	3	26365	15	#0	QAM16	3186.10	-42.25	-13	PASS
Band25	3	26675	1	#0	QPSK	7649.20	-42.38	-13	PASS
Band25	3	26675	15	#0	QPSK	3828.70	-39.15	-13	PASS
Band25	3	26675	1	#0	QAM16	3825.10	-41.61	-13	PASS
Band25	3	26675	15	#0	QAM16	0.01	-42.95	-13	PASS
Band25	5	26065	1	#0	QPSK	3700.90	-41.74	-13	PASS
Band25	5	26065	25	#0	QPSK	7626.70	-42.96	-13	PASS
Band25	5	26065	1	#0	QAM16	3700.90	-42.25	-13	PASS
Band25	5	26065	25	#0	QAM16	5347.00	-43.01	-13	PASS
Band25	5	26365	1	#0	QPSK	3761.20	-42.24	-13	PASS
Band25	5	26365	25	#0	QPSK	7926.40	-42.80	-13	PASS
Band25	5	26365	1	#0	QAM16	3761.20	-42.57	-13	PASS
Band25	5	26365	25	#0	QAM16	3155.50	-42.55	-13	PASS
Band25	5	26665	1	#0	QPSK	3820.60	-40.29	-13	PASS
Band25	5	26665	25	#0	QPSK	6958.00	-42.84	-13	PASS
Band25	5	26665	1	#0	QAM16	3820.60	-40.39	-13	PASS
Band25	5	26665	25	#0	QAM16	5820.40	-42.65	-13	PASS
Band25	10	26090	1	#0	QPSK	7661.80	-42.24	-13	PASS
Band25	10	26090	50	#0	QPSK	3198.70	-42.99	-13	PASS
Band25	10	26090	1	#0	QAM16	7618.60	-42.87	-13	PASS
Band25	10	26090	50	#0	QAM16	6844.60	-42.86	-13	PASS
Band25	10	26365	1	#0	QPSK	7621.30	-42.27	-13	PASS
Band25	10	26365	50	#0	QPSK	6016.60	-43.18	-13	PASS
Band25	10	26365	1	#0	QAM16	3756.70	-42.94	-13	PASS
Band25	10	26365	50	#0	QAM16	6719.50	-42.17	-13	PASS
Band25	10	26640	1	#0	QPSK	3811.60	-39.85	-13	PASS

Band25	10	26640	50	#0	QPSK	3210.40	-42.86	-13	PASS
Band25	10	26640	1	#0	QAM16	3811.60	-40.59	-13	PASS
Band25	10	26640	50	#0	QAM16	3817.90	-41.99	-13	PASS
Band25	15	26115	1	#0	QPSK	7044.40	-42.08	-13	PASS
Band25	15	26115	75	#0	QPSK	7219.90	-43.33	-13	PASS
Band25	15	26115	1	#0	QAM16	3701.80	-42.38	-13	PASS
Band25	15	26115	75	#0	QAM16	5740.30	-43.26	-13	PASS
Band25	15	26365	1	#0	QPSK	3303.10	-42.52	-13	PASS
Band25	15	26365	75	#0	QPSK	7556.50	-42.43	-13	PASS
Band25	15	26365	1	#0	QAM16	6132.70	-43.06	-13	PASS
Band25	15	26365	75	#0	QAM16	5707.90	-43.23	-13	PASS
Band25	15	26615	1	#0	QPSK	3801.70	-41.75	-13	PASS
Band25	15	26615	75	#0	QPSK	7630.30	-41.66	-13	PASS
Band25	15	26615	1	#0	QAM16	3801.70	-41.76	-13	PASS
Band25	15	26615	75	#0	QAM16	9670.60	-42.70	-13	PASS
Band25	20	26140	1	#0	QPSK	3702.70	-41.17	-13	PASS
Band25	20	26140	100	#0	QPSK	7536.70	-42.76	-13	PASS
Band25	20	26140	1	#0	QAM16	5760.10	-42.51	-13	PASS
Band25	20	26140	100	#0	QAM16	0.01	-41.69	-13	PASS
Band25	20	26365	1	#0	QPSK	7591.60	-42.92	-13	PASS
Band25	20	26365	100	#0	QPSK	7589.80	-42.76	-13	PASS
Band25	20	26365	1	#0	QAM16	5777.20	-42.81	-13	PASS
Band25	20	26365	100	#0	QAM16	5309.20	-42.38	-13	PASS
Band25	20	26590	1	#0	QPSK	3792.70	-40.68	-13	PASS
Band25	20	26590	100	#0	QPSK	7597.00	-42.95	-13	PASS
Band25	20	26590	1	#0	QAM16	3792.70	-40.19	-13	PASS
Band25	20	26590	100	#0	QAM16	7479.10	-42.99	-13	PASS
Band26a	1.4	26697	1	#0	QPSK	1629.10	-32.28	-13	PASS
Band26a	1.4	26697	6	#0	QPSK	1629.10	-35.79	-13	PASS
Band26a	1.4	26697	1	#0	QAM16	1629.10	-34.51	-13	PASS
Band26a	1.4	26697	6	#0	QAM16	1630.00	-38.11	-13	PASS
Band26a	1.4	26740	1	#0	QPSK	1637.20	-35.48	-13	PASS
Band26a	1.4	26740	6	#0	QPSK	1638.10	-36.97	-13	PASS
Band26a	1.4	26740	1	#0	QAM16	1637.20	-35.98	-13	PASS
Band26a	1.4	26740	6	#0	QAM16	1638.10	-34.84	-13	PASS
Band26a	1.4	26783	1	#0	QPSK	1646.20	-35.64	-13	PASS
Band26a	1.4	26783	6	#0	QPSK	1646.20	-35.24	-13	PASS
Band26a	1.4	26783	1	#0	QAM16	1646.20	-37.54	-13	PASS
Band26a	1.4	26783	6	#0	QAM16	1646.20	-35.43	-13	PASS
Band26a	3	26705	1	#0	QPSK	1628.20	-36.05	-13	PASS
Band26a	3	26705	15	#0	QPSK	1630.90	-37.89	-13	PASS
Band26a	3	26705	1	#0	QAM16	1629.10	-34.11	-13	PASS
Band26a	3	26705	15	#0	QAM16	1630.90	-38.55	-13	PASS
Band26a	3	26740	1	#0	QPSK	1635.40	-35.17	-13	PASS

Band26a	3	26740	15	#0	QPSK	1636.30	-38.84	-13	PASS
Band26a	3	26740	1	#0	QAM16	1635.40	-35.73	-13	PASS
Band26a	3	26740	15	#0	QAM16	1637.20	-38.24	-13	PASS
Band26a	3	26775	1	#0	QPSK	1642.60	-33.86	-13	PASS
Band26a	3	26775	15	#0	QPSK	1645.30	-38.89	-13	PASS
Band26a	3	26775	1	#0	QAM16	1642.60	-34.60	-13	PASS
Band26a	3	26775	15	#0	QAM16	1645.30	-40.00	-13	PASS
Band26a	5	26715	1	#0	QPSK	1629.10	-33.13	-13	PASS
Band26a	5	26715	25	#0	QPSK	1630.90	-41.44	-13	PASS
Band26a	5	26715	1	#0	QAM16	1629.10	-37.15	-13	PASS
Band26a	5	26715	25	#0	QAM16	1631.80	-41.78	-13	PASS
Band26a	5	26740	1	#0	QPSK	1633.60	-33.63	-13	PASS
Band26a	5	26740	25	#0	QPSK	1635.40	-40.55	-13	PASS
Band26a	5	26740	1	#0	QAM16	1633.60	-36.70	-13	PASS
Band26a	5	26740	25	#0	QAM16	1639.90	-41.90	-13	PASS
Band26a	5	26765	1	#0	QPSK	1639.00	-32.57	-13	PASS
Band26a	5	26765	25	#0	QPSK	1643.50	-41.55	-13	PASS
Band26a	5	26765	1	#0	QAM16	1639.00	-33.67	-13	PASS
Band26a	5	26765	25	#0	QAM16	1642.60	-40.37	-13	PASS
Band26a	10	26740	1	#0	QPSK	1629.10	-33.69	-13	PASS
Band26a	10	26740	50	#0	QPSK	1638.10	-42.93	-13	PASS
Band26a	10	26740	1	#0	QAM16	1629.10	-36.00	-13	PASS
Band26a	10	26740	50	#0	QAM16	1639.00	-43.03	-13	PASS
Band26b	1.4	26797	1	#0	QPSK	1648.90	-33.79	-13	PASS
Band26b	1.4	26797	6	#0	QPSK	1648.90	-36.84	-13	PASS
Band26b	1.4	26797	1	#0	QAM16	1648.90	-34.84	-13	PASS
Band26b	1.4	26797	6	#0	QAM16	1649.80	-38.51	-13	PASS
Band26b	1.4	26915	1	#0	QPSK	1672.30	-33.00	-13	PASS
Band26b	1.4	26915	6	#0	QPSK	1673.20	-34.51	-13	PASS
Band26b	1.4	26915	1	#0	QAM16	1672.30	-33.89	-13	PASS
Band26b	1.4	26915	6	#0	QAM16	1673.20	-35.87	-13	PASS
Band26b	1.4	27033	1	#0	QPSK	1695.70	-34.65	-13	PASS
Band26b	1.4	27033	6	#0	QPSK	1696.60	-35.48	-13	PASS
Band26b	1.4	27033	1	#0	QAM16	1695.70	-35.75	-13	PASS
Band26b	1.4	27033	6	#0	QAM16	1696.60	-36.90	-13	PASS
Band26b	3	26805	1	#0	QPSK	1648.90	-33.40	-13	PASS
Band26b	3	26805	15	#0	QPSK	1652.50	-39.76	-13	PASS
Band26b	3	26805	1	#0	QAM16	1648.90	-37.84	-13	PASS
Band26b	3	26805	15	#0	QAM16	1653.40	-39.58	-13	PASS
Band26b	3	26915	1	#0	QPSK	1670.50	-35.16	-13	PASS
Band26b	3	26915	15	#0	QPSK	1675.00	-38.73	-13	PASS
Band26b	3	26915	1	#0	QAM16	1670.50	-36.05	-13	PASS
Band26b	3	26915	15	#0	QAM16	1673.20	-38.07	-13	PASS
Band26b	3	27025	1	#0	QPSK	1693.00	-35.06	-13	PASS

Band26b	3	27025	15	#0	QPSK	1695.70	-39.19	-13	PASS
Band26b	3	27025	1	#0	QAM16	1693.00	-36.33	-13	PASS
Band26b	3	27025	15	#0	QAM16	1693.90	-38.46	-13	PASS
Band26b	5	26815	1	#0	QPSK	1648.90	-35.86	-13	PASS
Band26b	5	26815	25	#0	QPSK	1653.40	-41.17	-13	PASS
Band26b	5	26815	1	#0	QAM16	1648.90	-35.16	-13	PASS
Band26b	5	26815	25	#0	QAM16	1653.40	-40.43	-13	PASS
Band26b	5	26915	1	#0	QPSK	1668.70	-33.70	-13	PASS
Band26b	5	26915	25	#0	QPSK	1673.20	-41.62	-13	PASS
Band26b	5	26915	1	#0	QAM16	1668.70	-33.10	-13	PASS
Band26b	5	26915	25	#0	QAM16	1673.20	-40.05	-13	PASS
Band26b	5	27015	1	#0	QPSK	1689.40	-32.63	-13	PASS
Band26b	5	27015	25	#0	QPSK	1693.00	-40.50	-13	PASS
Band26b	5	27015	1	#0	QAM16	1688.50	-36.55	-13	PASS
Band26b	5	27015	25	#0	QAM16	1691.20	-39.71	-13	PASS
Band26b	10	26840	1	#0	QPSK	1649.80	-33.23	-13	PASS
Band26b	10	26840	50	#0	QPSK	1662.40	-43.97	-13	PASS
Band26b	10	26840	1	#0	QAM16	1648.90	-35.38	-13	PASS
Band26b	10	26840	50	#0	QAM16	1654.30	-43.41	-13	PASS
Band26b	10	26915	1	#0	QPSK	1664.20	-35.19	-13	PASS
Band26b	10	26915	50	#0	QPSK	1673.20	-42.66	-13	PASS
Band26b	10	26915	1	#0	QAM16	1664.20	-36.56	-13	PASS
Band26b	10	26915	50	#0	QAM16	1666.00	-42.42	-13	PASS
Band26b	10	26990	1	#0	QPSK	1679.50	-32.48	-13	PASS
Band26b	10	26990	50	#0	QPSK	1686.70	-42.73	-13	PASS
Band26b	10	26990	1	#0	QAM16	1679.50	-35.13	-13	PASS
Band26b	10	26990	50	#0	QAM16	1686.70	-44.27	-13	PASS
Band26b	15	26865	1	#0	QPSK	1649.80	-36.23	-13	PASS
Band26b	15	26865	75	#0	QPSK	1662.40	-43.47	-13	PASS
Band26b	15	26865	1	#0	QAM16	1649.80	-35.21	-13	PASS
Band26b	15	26865	75	#0	QAM16	0.01	-44.02	-13	PASS
Band26b	15	26915	1	#0	QPSK	1659.70	-32.50	-13	PASS
Band26b	15	26915	75	#0	QPSK	1671.40	-43.97	-13	PASS
Band26b	15	26915	1	#0	QAM16	1659.70	-34.85	-13	PASS
Band26b	15	26915	75	#0	QAM16	1671.40	-43.71	-13	PASS
Band26b	15	26965	1	#0	QPSK	1669.60	-35.99	-13	PASS
Band26b	15	26965	75	#0	QPSK	1671.40	-43.27	-13	PASS
Band26b	15	26965	1	#0	QAM16	1669.60	-33.22	-13	PASS
Band26b	15	26965	75	#0	QAM16	1683.10	-42.57	-13	PASS
Band4	1.4	19957	1	#0	QPSK	3421.00	-42.19	-13	PASS
Band4	1.4	19957	6	#0	QPSK	5850.10	-43.03	-13	PASS
Band4	1.4	19957	1	#0	QAM16	3420.10	-41.59	-13	PASS
Band4	1.4	19957	6	#0	QAM16	2469.70	-41.49	-13	PASS
Band4	1.4	20175	1	#0	QPSK	8006.50	-43.19	-13	PASS

Band4	1.4	20175	6	#0	QPSK	2476.90	-39.96	-13	PASS
Band4	1.4	20175	1	#0	QAM16	3147.40	-42.07	-13	PASS
Band4	1.4	20175	6	#0	QAM16	2473.30	-40.23	-13	PASS
Band4	1.4	20393	1	#0	QPSK	2473.30	-39.56	-13	PASS
Band4	1.4	20393	6	#0	QPSK	7632.10	-42.40	-13	PASS
Band4	1.4	20393	1	#0	QAM16	3508.30	-41.69	-13	PASS
Band4	1.4	20393	6	#0	QAM16	2476.00	-41.77	-13	PASS
Band4	3	19965	1	#0	QPSK	3421.00	-40.34	-13	PASS
Band4	3	19965	15	#0	QPSK	2470.60	-39.44	-13	PASS
Band4	3	19965	1	#0	QAM16	7577.20	-43.50	-13	PASS
Band4	3	19965	15	#0	QAM16	5858.20	-43.09	-13	PASS
Band4	3	20175	1	#0	QPSK	3462.40	-41.15	-13	PASS
Band4	3	20175	15	#0	QPSK	7651.90	-43.14	-13	PASS
Band4	3	20175	1	#0	QAM16	7149.70	-42.52	-13	PASS
Band4	3	20175	15	#0	QAM16	7581.70	-42.46	-13	PASS
Band4	3	20385	1	#0	QPSK	7594.30	-43.50	-13	PASS
Band4	3	20385	15	#0	QPSK	7457.50	-42.91	-13	PASS
Band4	3	20385	1	#0	QAM16	3022.30	-42.99	-13	PASS
Band4	3	20385	15	#0	QAM16	7621.30	-42.98	-13	PASS
Band4	5	19975	1	#0	QPSK	3421.00	-41.43	-13	PASS
Band4	5	19975	25	#0	QPSK	5917.60	-42.27	-13	PASS
Band4	5	19975	1	#0	QAM16	7597.00	-43.27	-13	PASS
Band4	5	19975	25	#0	QAM16	3120.40	-43.57	-13	PASS
Band4	5	20175	1	#0	QPSK	3460.60	-41.07	-13	PASS
Band4	5	20175	25	#0	QPSK	2474.20	-40.71	-13	PASS
Band4	5	20175	1	#0	QAM16	3460.60	-41.03	-13	PASS
Band4	5	20175	25	#0	QAM16	2474.20	-41.54	-13	PASS
Band4	5	20375	1	#0	QPSK	2475.10	-41.33	-13	PASS
Band4	5	20375	25	#0	QPSK	2474.20	-41.14	-13	PASS
Band4	5	20375	1	#0	QAM16	2473.30	-39.06	-13	PASS
Band4	5	20375	25	#0	QAM16	9603.10	-43.38	-13	PASS
Band4	10	20000	1	#0	QPSK	3421.00	-42.83	-13	PASS
Band4	10	20000	50	#0	QPSK	6245.20	-42.81	-13	PASS
Band4	10	20000	1	#0	QAM16	2473.30	-39.47	-13	PASS
Band4	10	20000	50	#0	QAM16	6805.00	-43.49	-13	PASS
Band4	10	20175	1	#0	QPSK	3456.10	-40.20	-13	PASS
Band4	10	20175	50	#0	QPSK	7672.60	-43.19	-13	PASS
Band4	10	20175	1	#0	QAM16	2472.40	-39.12	-13	PASS
Band4	10	20175	50	#0	QAM16	2473.30	-40.68	-13	PASS
Band4	10	20350	1	#0	QPSK	3491.20	-41.42	-13	PASS
Band4	10	20350	50	#0	QPSK	2479.60	-43.04	-13	PASS
Band4	10	20350	1	#0	QAM16	2474.20	-42.07	-13	PASS
Band4	10	20350	50	#0	QAM16	7658.20	-43.53	-13	PASS
Band4	15	20025	1	#0	QPSK	3421.90	-41.58	-13	PASS

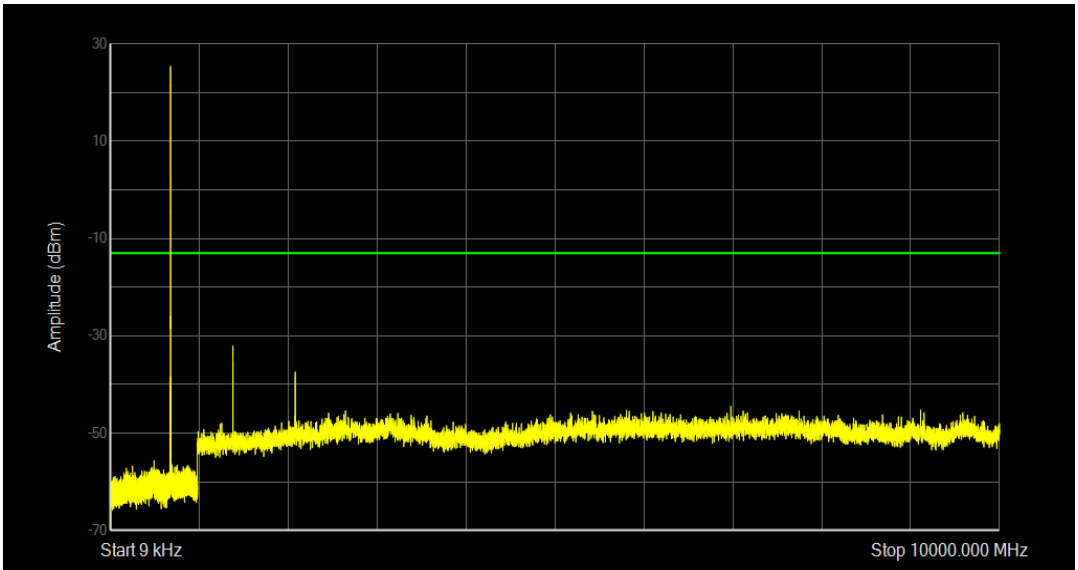
Band4	15	20025	75	#0	QPSK	2476.00	-42.09	-13	PASS
Band4	15	20025	1	#0	QAM16	2472.40	-39.76	-13	PASS
Band4	15	20025	75	#0	QAM16	2473.30	-39.78	-13	PASS
Band4	15	20175	1	#0	QPSK	3451.60	-43.70	-13	PASS
Band4	15	20175	75	#0	QPSK	7762.60	-43.77	-13	PASS
Band4	15	20175	1	#0	QAM16	5887.00	-43.27	-13	PASS
Band4	15	20175	75	#0	QAM16	3134.80	-42.37	-13	PASS
Band4	15	20325	1	#0	QPSK	3481.30	-42.51	-13	PASS
Band4	15	20325	75	#0	QPSK	2469.70	-42.95	-13	PASS
Band4	15	20325	1	#0	QAM16	7480.00	-43.29	-13	PASS
Band4	15	20325	75	#0	QAM16	7586.20	-43.45	-13	PASS
Band4	20	20050	1	#0	QPSK	3421.90	-41.37	-13	PASS
Band4	20	20050	100	#0	QPSK	3171.70	-42.73	-13	PASS
Band4	20	20050	1	#0	QAM16	3421.90	-42.45	-13	PASS
Band4	20	20050	100	#0	QAM16	2473.30	-40.95	-13	PASS
Band4	20	20175	1	#0	QPSK	2472.40	-39.15	-13	PASS
Band4	20	20175	100	#0	QPSK	7662.70	-42.76	-13	PASS
Band4	20	20175	1	#0	QAM16	3447.10	-41.35	-13	PASS
Band4	20	20175	100	#0	QAM16	2473.30	-39.14	-13	PASS
Band4	20	20300	1	#0	QPSK	3472.30	-42.01	-13	PASS
Band4	20	20300	100	#0	QPSK	2473.30	-40.81	-13	PASS
Band4	20	20300	1	#0	QAM16	2468.80	-43.13	-13	PASS
Band4	20	20300	100	#0	QAM16	7737.40	-42.98	-13	PASS
Band41	5	39675	1	#0	QPSK	5411.80	-41.66	-25	PASS
Band41	5	39675	25	#0	QPSK	6590.80	-42.17	-25	PASS
Band41	5	39675	1	#0	QAM16	7586.20	-41.09	-25	PASS
Band41	5	39675	25	#0	QAM16	6781.60	-41.09	-25	PASS
Band41	5	40620	1	#0	QPSK	6703.30	-42.12	-25	PASS
Band41	5	40620	25	#0	QPSK	0.01	-40.68	-25	PASS
Band41	5	40620	1	#0	QAM16	5291.20	-42.39	-25	PASS
Band41	5	40620	25	#0	QAM16	6280.30	-41.23	-25	PASS
Band41	5	41565	1	#0	QPSK	7040.80	-41.77	-25	PASS
Band41	5	41565	25	#0	QPSK	9516.70	-41.94	-25	PASS
Band41	5	41565	1	#0	QAM16	6667.30	-41.38	-25	PASS
Band41	5	41565	25	#0	QAM16	7589.80	-40.69	-25	PASS
Band41	10	39700	1	#0	QPSK	4892.50	-42.08	-25	PASS
Band41	10	39700	50	#0	QPSK	7637.50	-41.52	-25	PASS
Band41	10	39700	1	#0	QAM16	6949.90	-41.84	-25	PASS
Band41	10	39700	50	#0	QAM16	5266.00	-41.66	-25	PASS
Band41	10	40620	1	#0	QPSK	7633.00	-41.82	-25	PASS
Band41	10	40620	50	#0	QPSK	7677.10	-41.09	-25	PASS
Band41	10	40620	1	#0	QAM16	7620.40	-41.03	-25	PASS
Band41	10	40620	50	#0	QAM16	7487.20	-42.01	-25	PASS
Band41	10	41540	1	#0	QPSK	7314.40	-41.58	-25	PASS

Band41	10	41540	50	#0	QPSK	6226.30	-41.74	-25	PASS
Band41	10	41540	1	#0	QAM16	5679.10	-41.18	-25	PASS
Band41	10	41540	50	#0	QAM16	7516.00	-41.74	-25	PASS
Band41	15	39725	1	#0	QPSK	7283.80	-41.25	-25	PASS
Band41	15	39725	75	#0	QPSK	5359.60	-41.05	-25	PASS
Band41	15	39725	1	#0	QAM16	3157.30	-41.60	-25	PASS
Band41	15	39725	75	#0	QAM16	7611.40	-41.42	-25	PASS
Band41	15	40620	1	#0	QPSK	7555.60	-41.79	-25	PASS
Band41	15	40620	75	#0	QPSK	5519.80	-41.57	-25	PASS
Band41	15	40620	1	#0	QAM16	5679.10	-41.82	-25	PASS
Band41	15	40620	75	#0	QAM16	6423.40	-41.51	-25	PASS
Band41	15	41515	1	#0	QPSK	6408.10	-41.89	-25	PASS
Band41	15	41515	75	#0	QPSK	7230.70	-41.96	-25	PASS
Band41	15	41515	1	#0	QAM16	6206.50	-41.37	-25	PASS
Band41	15	41515	75	#0	QAM16	7532.20	-41.77	-25	PASS
Band41	20	39750	1	#0	QPSK	7123.60	-41.86	-25	PASS
Band41	20	39750	100	#0	QPSK	6634.00	-40.96	-25	PASS
Band41	20	39750	1	#0	QAM16	7353.10	-41.46	-25	PASS
Band41	20	39750	100	#0	QAM16	5954.50	-41.39	-25	PASS
Band41	20	40620	1	#0	QPSK	6102.10	-41.73	-25	PASS
Band41	20	40620	100	#0	QPSK	7557.40	-40.87	-25	PASS
Band41	20	40620	1	#0	QAM16	9708.40	-42.03	-25	PASS
Band41	20	40620	100	#0	QAM16	7643.80	-41.55	-25	PASS
Band41	20	41490	1	#0	QPSK	5843.80	-41.87	-25	PASS
Band41	20	41490	100	#0	QPSK	5578.30	-41.63	-25	PASS
Band41	20	41490	1	#0	QAM16	7259.50	-41.54	-25	PASS
Band41	20	41490	100	#0	QAM16	7576.30	-41.20	-25	PASS
Band5	1.4	20407	1	#0	QPSK	5656.60	-30.71	-13	PASS
Band5	1.4	20407	6	#0	QPSK	7196.50	-30.45	-13	PASS
Band5	1.4	20407	1	#0	QAM16	6256.90	-30.24	-13	PASS
Band5	1.4	20407	6	#0	QAM16	5742.10	-30.49	-13	PASS
Band5	1.4	20525	1	#0	QPSK	8035.30	-30.60	-13	PASS
Band5	1.4	20525	6	#0	QPSK	7618.60	-30.67	-13	PASS
Band5	1.4	20525	1	#0	QAM16	3160.00	-30.80	-13	PASS
Band5	1.4	20525	6	#0	QAM16	6239.80	-30.38	-13	PASS
Band5	1.4	20643	1	#0	QPSK	7445.80	-30.69	-13	PASS
Band5	1.4	20643	6	#0	QPSK	5489.20	-30.69	-13	PASS
Band5	1.4	20643	1	#0	QAM16	8088.40	-30.90	-13	PASS
Band5	1.4	20643	6	#0	QAM16	5409.10	-31.12	-13	PASS
Band5	3	20415	1	#0	QPSK	7597.90	-29.64	-13	PASS
Band5	3	20415	15	#0	QPSK	7661.80	-31.02	-13	PASS
Band5	3	20415	1	#0	QAM16	6095.80	-30.50	-13	PASS
Band5	3	20415	15	#0	QAM16	8108.20	-31.14	-13	PASS
Band5	3	20525	1	#0	QPSK	5347.90	-31.24	-13	PASS

Band5	3	20525	15	#0	QPSK	7757.20	-30.76	-13	PASS
Band5	3	20525	1	#0	QAM16	7619.50	-30.94	-13	PASS
Band5	3	20525	15	#0	QAM16	8745.40	-31.01	-13	PASS
Band5	3	20635	1	#0	QPSK	6937.30	-31.01	-13	PASS
Band5	3	20635	15	#0	QPSK	7061.50	-31.03	-13	PASS
Band5	3	20635	1	#0	QAM16	7045.30	-30.84	-13	PASS
Band5	3	20635	15	#0	QAM16	9577.00	-31.22	-13	PASS
Band5	5	20425	1	#0	QPSK	6809.50	-30.65	-13	PASS
Band5	5	20425	25	#0	QPSK	5679.10	-30.59	-13	PASS
Band5	5	20425	1	#0	QAM16	7578.10	-30.88	-13	PASS
Band5	5	20425	25	#0	QAM16	3445.30	-31.18	-13	PASS
Band5	5	20525	1	#0	QPSK	5941.90	-30.76	-13	PASS
Band5	5	20525	25	#0	QPSK	8025.40	-30.90	-13	PASS
Band5	5	20525	1	#0	QAM16	7670.80	-30.77	-13	PASS
Band5	5	20525	25	#0	QAM16	5419.00	-30.96	-13	PASS
Band5	5	20625	1	#0	QPSK	6585.40	-31.29	-13	PASS
Band5	5	20625	25	#0	QPSK	6226.30	-30.93	-13	PASS
Band5	5	20625	1	#0	QAM16	4950.10	-31.12	-13	PASS
Band5	5	20625	25	#0	QAM16	5271.40	-30.99	-13	PASS
Band5	10	20450	1	#0	QPSK	7102.90	-30.77	-13	PASS
Band5	10	20450	50	#0	QPSK	6629.50	-30.53	-13	PASS
Band5	10	20450	1	#0	QAM16	7586.20	-30.79	-13	PASS
Band5	10	20450	50	#0	QAM16	3150.10	-31.01	-13	PASS
Band5	10	20525	1	#0	QPSK	7625.80	-30.93	-13	PASS
Band5	10	20525	50	#0	QPSK	3160.90	-31.15	-13	PASS
Band5	10	20525	1	#0	QAM16	7544.80	-30.64	-13	PASS
Band5	10	20525	50	#0	QAM16	7603.30	-31.06	-13	PASS
Band5	10	20600	1	#0	QPSK	7627.60	-31.25	-13	PASS
Band5	10	20600	50	#0	QPSK	5392.00	-30.63	-13	PASS
Band5	10	20600	1	#0	QAM16	8054.20	-30.49	-13	PASS
Band5	10	20600	50	#0	QAM16	7553.80	-30.46	-13	PASS
Band7	5	20775	1	#0	QPSK	14876.80	-39.86	-25	PASS
Band7	5	20775	25	#0	QPSK	14367.20	-40.00	-25	PASS
Band7	5	20775	1	#0	QAM16	14192.20	-39.12	-25	PASS
Band7	5	20775	25	#0	QAM16	14155.80	-39.69	-25	PASS
Band7	5	21100	1	#0	QPSK	14778.80	-39.26	-25	PASS
Band7	5	21100	25	#0	QPSK	2471.40	-38.81	-25	PASS
Band7	5	21100	1	#0	QAM16	14935.60	-39.29	-25	PASS
Band7	5	21100	25	#0	QAM16	14312.60	-39.21	-25	PASS
Band7	5	21425	1	#0	QPSK	14304.20	-38.96	-25	PASS
Band7	5	21425	25	#0	QPSK	14984.60	-38.85	-25	PASS
Band7	5	21425	1	#0	QAM16	14892.20	-38.99	-25	PASS
Band7	5	21425	25	#0	QAM16	14304.20	-39.17	-25	PASS
Band7	10	20800	1	#0	QPSK	14251.00	-39.01	-25	PASS

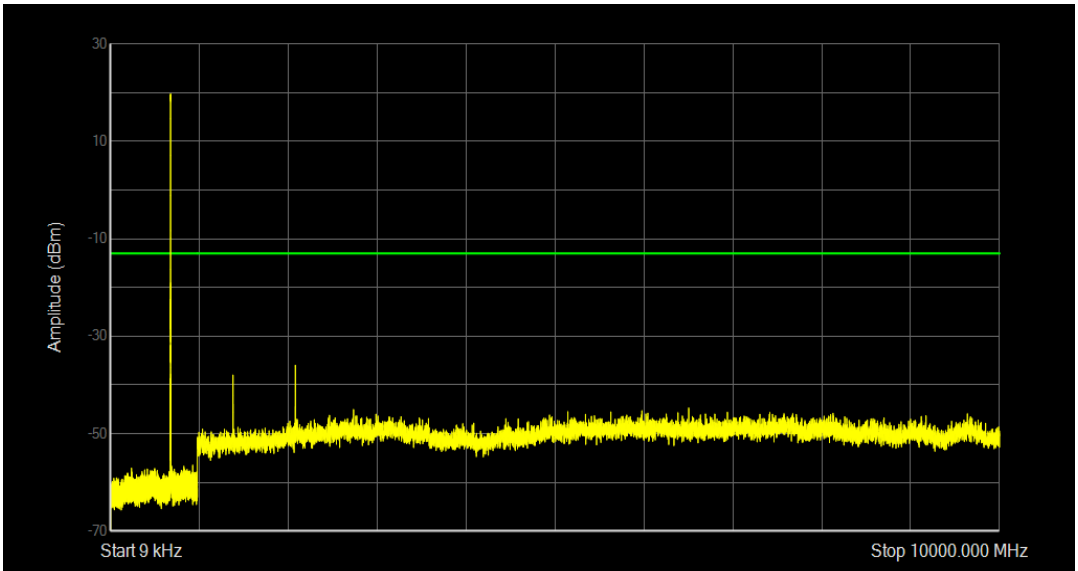
Band7	10	20800	50	#0	QPSK	14245.40	-37.70	-25	PASS
Band7	10	20800	1	#0	QAM16	14708.80	-39.58	-25	PASS
Band7	10	20800	50	#0	QAM16	14836.20	-38.75	-25	PASS
Band7	10	21100	1	#0	QPSK	14120.80	-39.33	-25	PASS
Band7	10	21100	50	#0	QPSK	14892.20	-39.27	-25	PASS
Band7	10	21100	1	#0	QAM16	14203.40	-38.78	-25	PASS
Band7	10	21100	50	#0	QAM16	14246.80	-39.37	-25	PASS
Band7	10	21400	1	#0	QPSK	14938.40	-39.61	-25	PASS
Band7	10	21400	50	#0	QPSK	14837.60	-38.93	-25	PASS
Band7	10	21400	1	#0	QAM16	14753.60	-39.82	-25	PASS
Band7	10	21400	50	#0	QAM16	14165.60	-39.18	-25	PASS
Band7	15	20825	1	#0	QPSK	14792.80	-38.79	-25	PASS
Band7	15	20825	75	#0	QPSK	14703.20	-39.09	-25	PASS
Band7	15	20825	1	#0	QAM16	13265.40	-39.74	-25	PASS
Band7	15	20825	75	#0	QAM16	14218.80	-38.62	-25	PASS
Band7	15	21100	1	#0	QPSK	14176.80	-39.61	-25	PASS
Band7	15	21100	75	#0	QPSK	14578.60	-39.09	-25	PASS
Band7	15	21100	1	#0	QAM16	14935.60	-39.20	-25	PASS
Band7	15	21100	75	#0	QAM16	14192.20	-39.19	-25	PASS
Band7	15	21375	1	#0	QPSK	13721.80	-39.49	-25	PASS
Band7	15	21375	75	#0	QPSK	14794.20	-39.43	-25	PASS
Band7	15	21375	1	#0	QAM16	14731.20	-38.76	-25	PASS
Band7	15	21375	75	#0	QAM16	14811.00	-39.47	-25	PASS
Band7	20	20850	1	#0	QPSK	14925.80	-39.39	-25	PASS
Band7	20	20850	100	#0	QPSK	14869.80	-39.24	-25	PASS
Band7	20	20850	1	#0	QAM16	15000.00	-39.50	-25	PASS
Band7	20	20850	100	#0	QAM16	14881.00	-39.55	-25	PASS
Band7	20	21100	1	#0	QPSK	13763.80	-39.00	-25	PASS
Band7	20	21100	100	#0	QPSK	14843.20	-38.97	-25	PASS
Band7	20	21100	1	#0	QAM16	14196.40	-39.64	-25	PASS
Band7	20	21100	100	#0	QAM16	14216.00	-39.55	-25	PASS
Band7	20	21350	1	#0	QPSK	14795.60	-39.43	-25	PASS
Band7	20	21350	100	#0	QPSK	14977.60	-39.30	-25	PASS
Band7	20	21350	1	#0	QAM16	14770.40	-39.83	-25	PASS
Band7	20	21350	100	#0	QAM16	14685.00	-39.56	-25	PASS

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



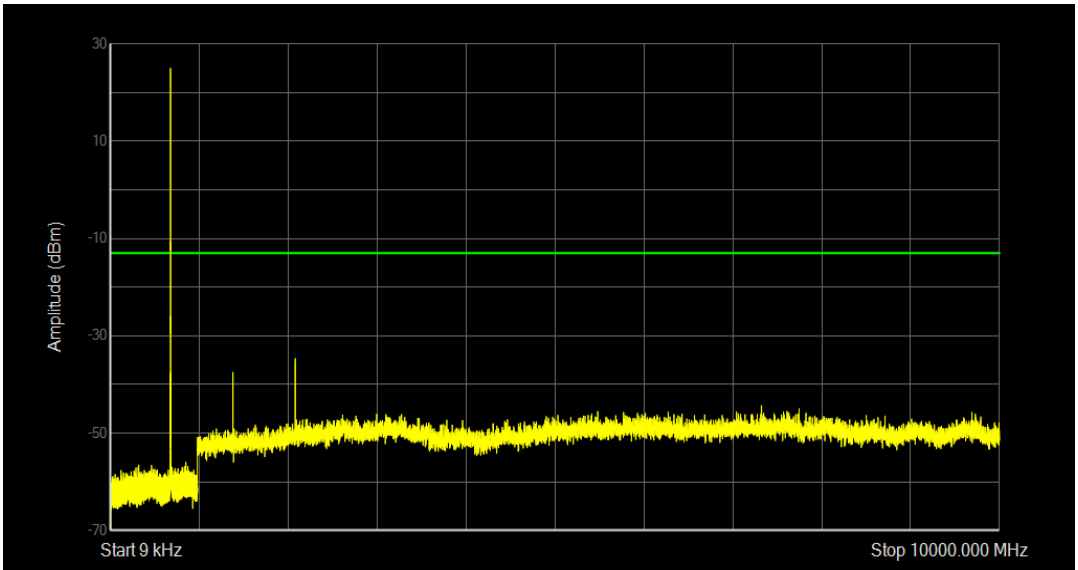
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090282	-46.87	-13
2	0.15	30	10	0.15	-49.85	-13
3	30	1000	100	515.485	-55.65	-13
4	1000	10000	1000	1398.7	-32.12	-13

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



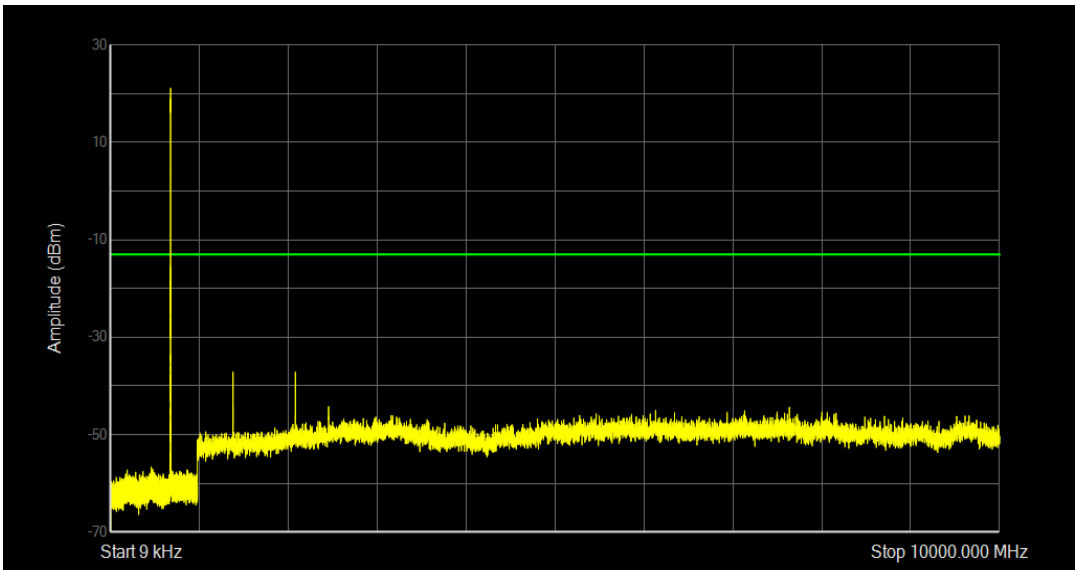
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092538	-48.82	-13
2	0.15	30	10	0.158955	-48.85	-13
3	30	1000	100	947.814	-56.47	-13
4	1000	10000	1000	2098.9	-35.96	-13

Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=1 Position=#0



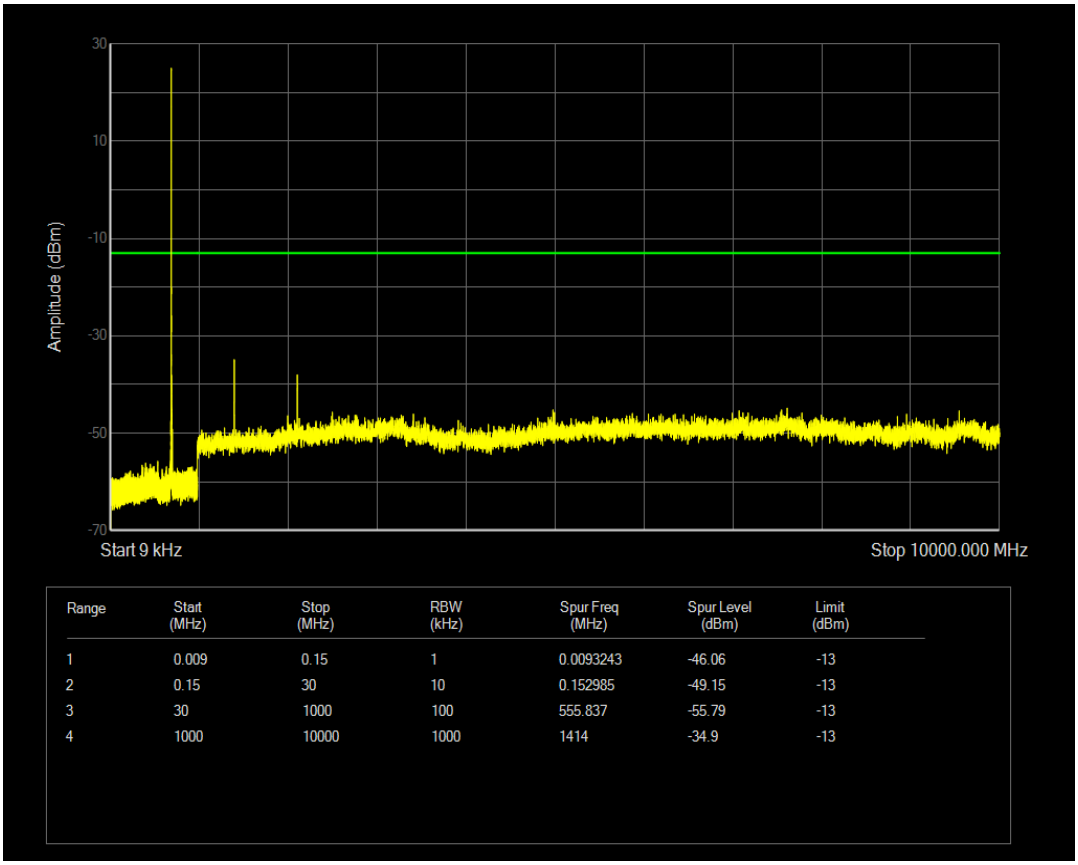
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096486	-46.42	-13
2	0.15	30	10	0.15	-48.81	-13
3	30	1000	100	871.378	-55.98	-13
4	1000	10000	1000	2098	-34.69	-13

Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



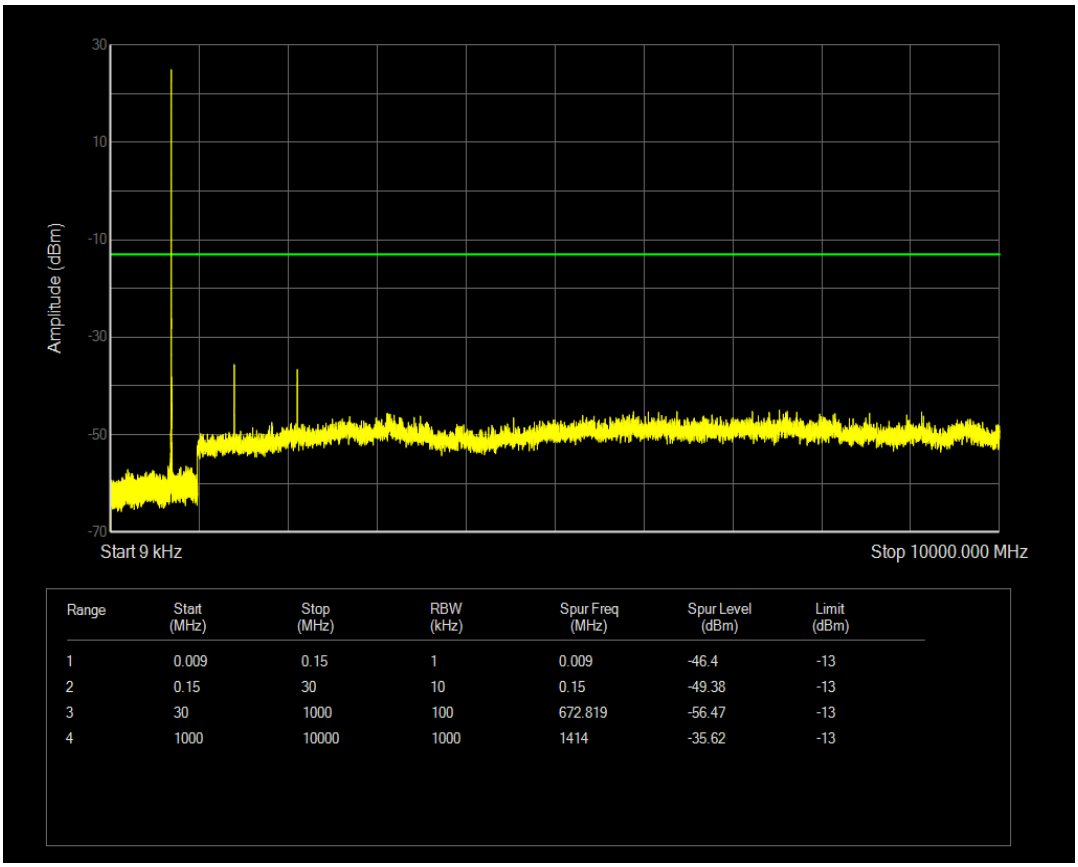
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010269	-46.69	-13
2	0.15	30	10	0.15	-51.01	-13
3	30	1000	100	692.704	-56.55	-13
4	1000	10000	1000	2099.8	-37.15	-13

Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



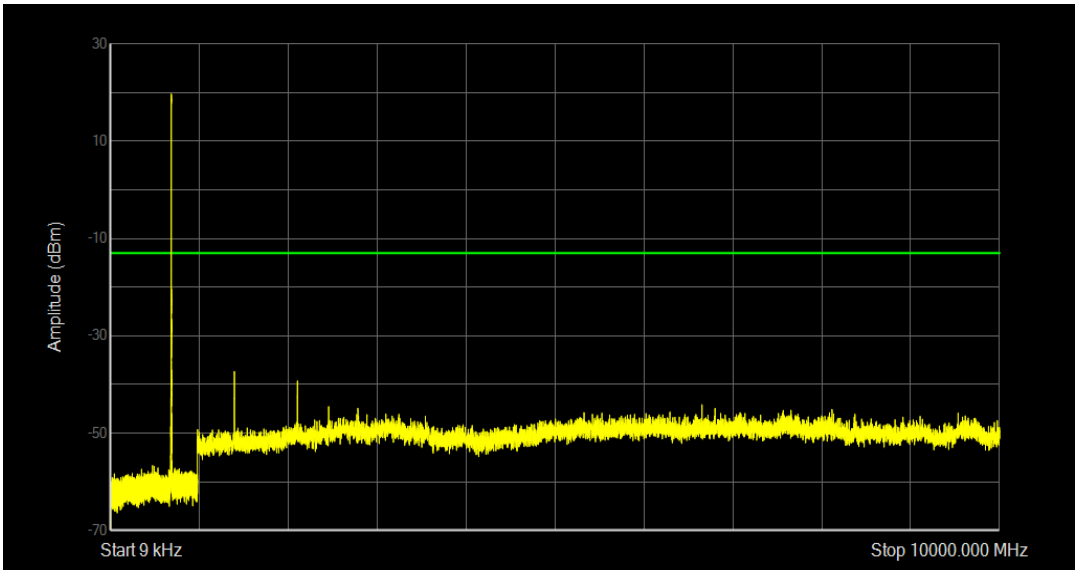
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093243	-46.06	-13
2	0.15	30	10	0.152985	-49.15	-13
3	30	1000	100	555.837	-55.79	-13
4	1000	10000	1000	1414	-34.9	-13

Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0



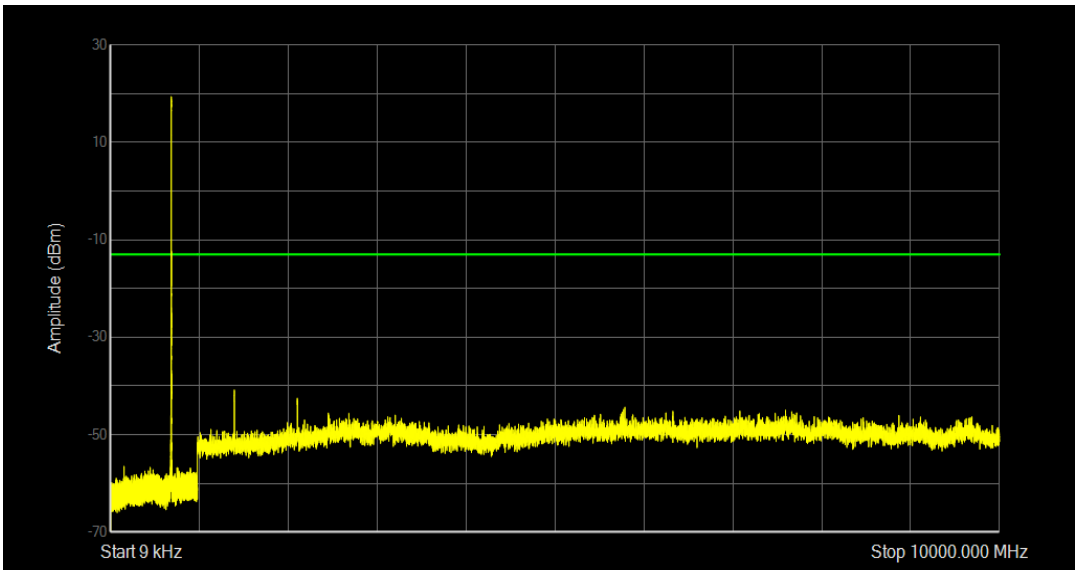
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.4	-13
2	0.15	30	10	0.15	-49.38	-13
3	30	1000	100	672.819	-56.47	-13
4	1000	10000	1000	1414	-35.62	-13

Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



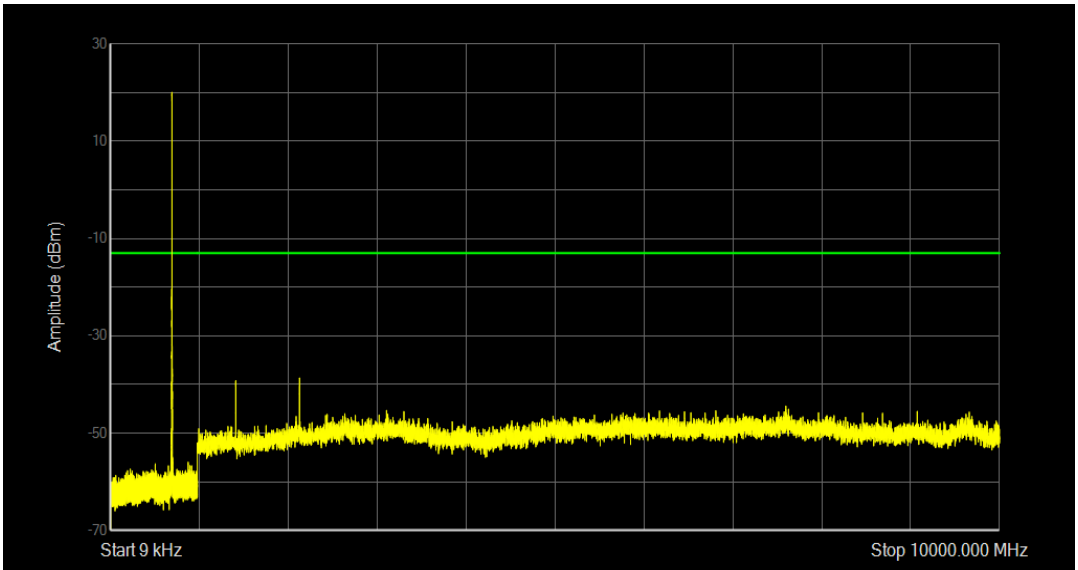
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100434	-47.29	-13
2	0.15	30	10	0.15	-49.34	-13
3	30	1000	100	497.831	-56.68	-13
4	1000	10000	1000	1414.9	-37.33	-13

Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0



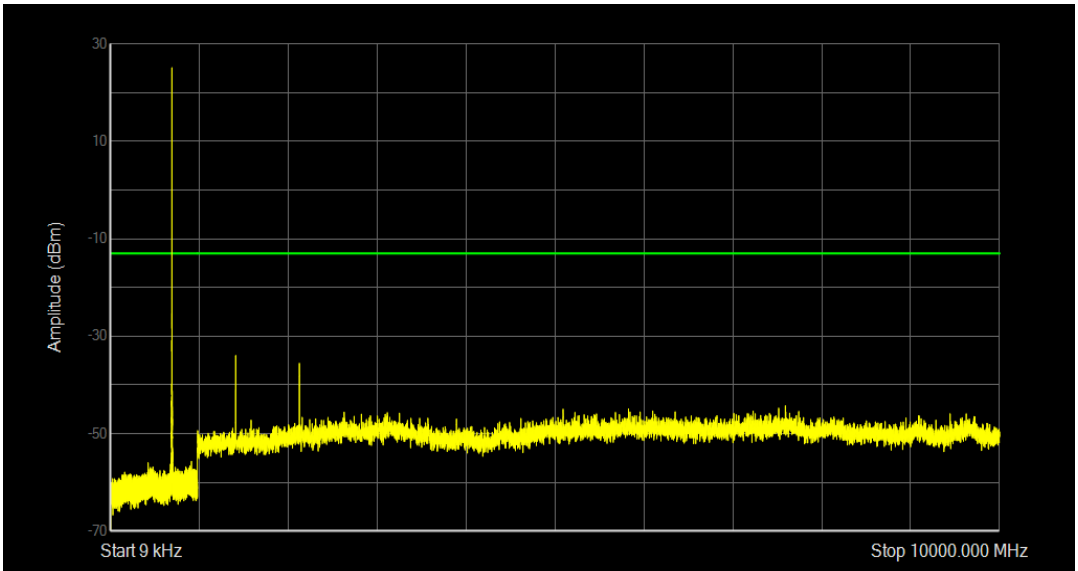
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.74	-13
2	0.15	30	10	0.152985	-50.34	-13
3	30	1000	100	177.537	-56.52	-13
4	1000	10000	1000	1414.9	-40.85	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



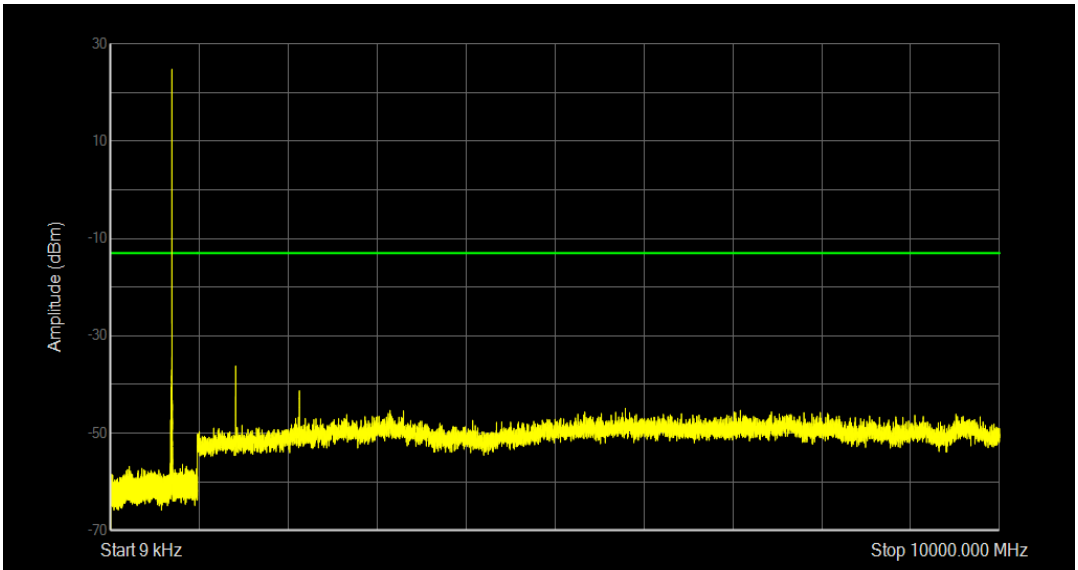
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0101421	-46.85	-13
2	0.15	30	10	0.15597	-50.76	-13
3	30	1000	100	896.792	-55.98	-13
4	1000	10000	1000	2145.7	-38.68	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



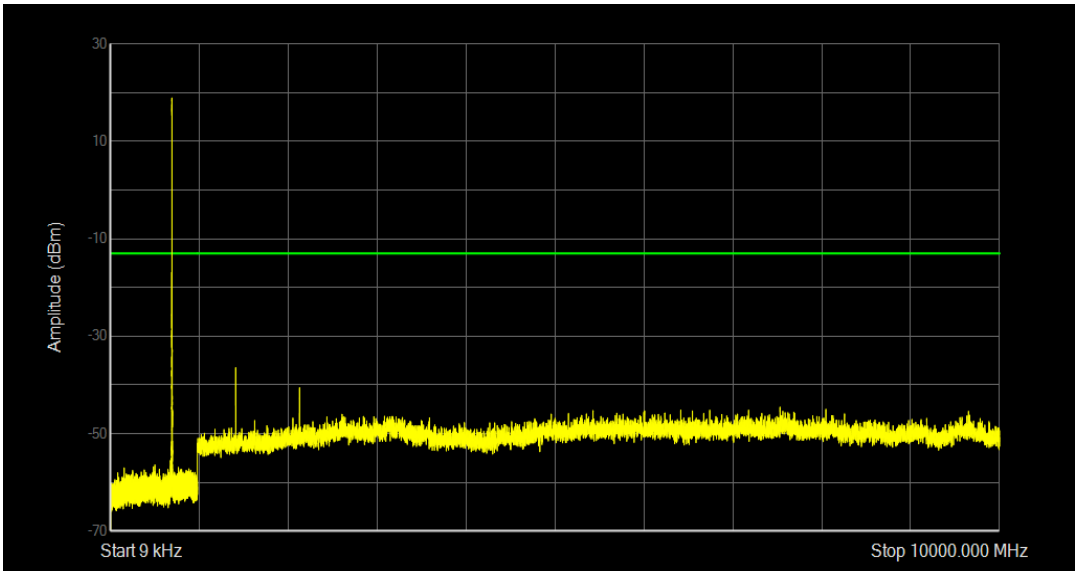
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0109317	-47.46	-13
2	0.15	30	10	0.15	-50.22	-13
3	30	1000	100	934.428	-55.7	-13
4	1000	10000	1000	1430.2	-33.97	-13

Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=1 Position=#0



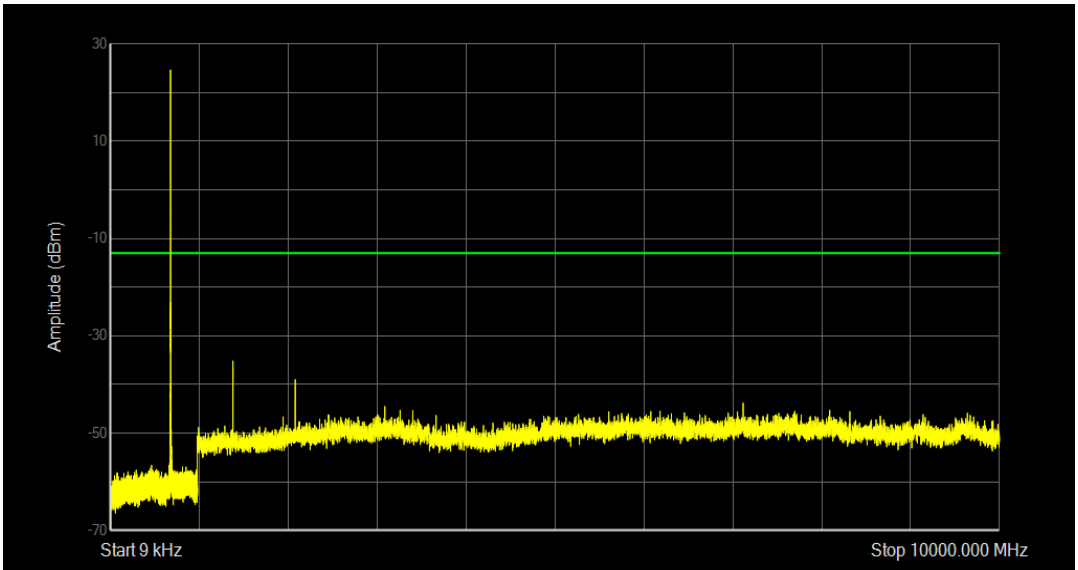
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0098319	-46.85	-13
2	0.15	30	10	0.16791	-50.16	-13
3	30	1000	100	833.451	-56.45	-13
4	1000	10000	1000	1430.2	-36.19	-13

Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0



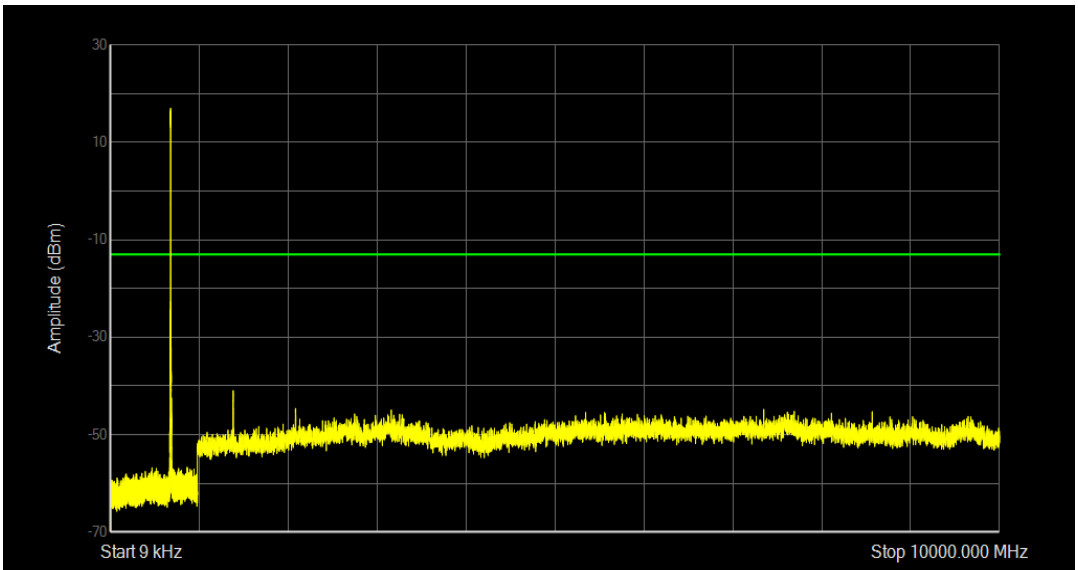
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.99	-13
2	0.15	30	10	0.15	-49.31	-13
3	30	1000	100	523.924	-56.46	-13
4	1000	10000	1000	1430.2	-36.45	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



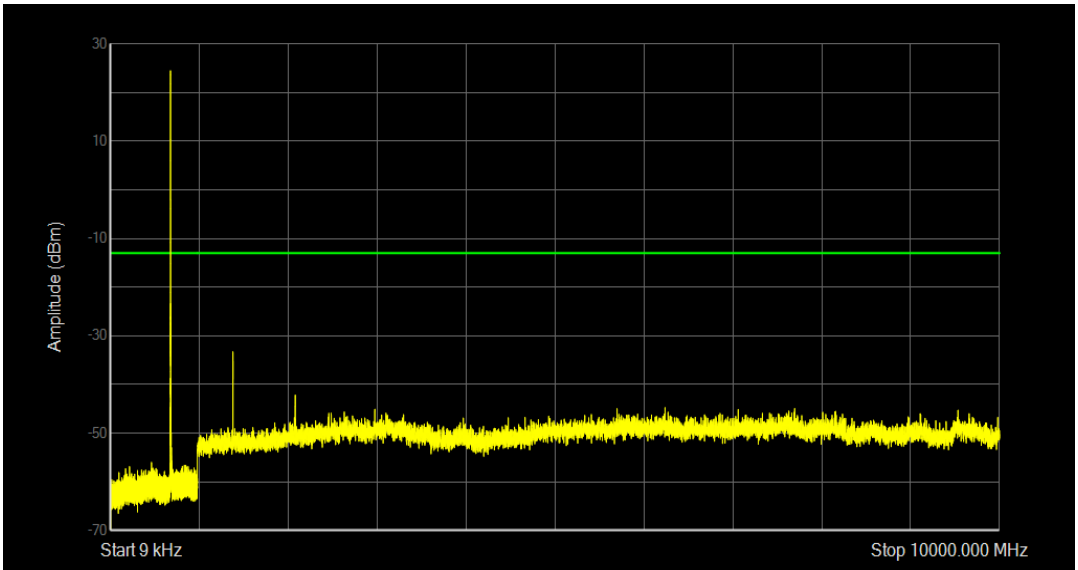
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0117636	-47.66	-13
2	0.15	30	10	0.158955	-47.95	-13
3	30	1000	100	486.191	-56.59	-13
4	1000	10000	1000	1398.7	-35.18	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



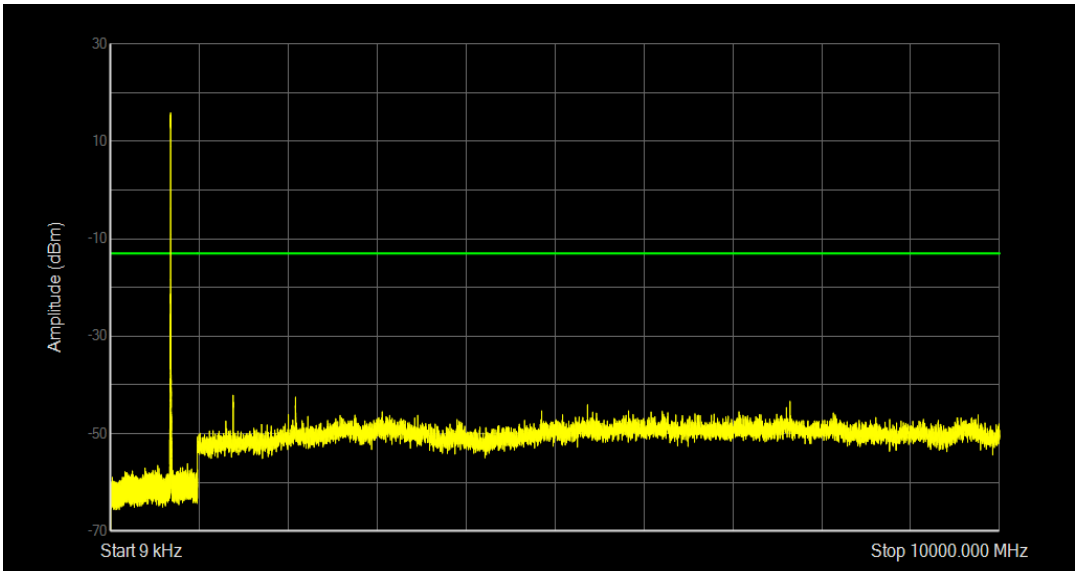
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0106779	-44.67	-13
2	0.15	30	10	0.15	-50.02	-13
3	30	1000	100	885.346	-56.69	-13
4	1000	10000	1000	1401.4	-40.97	-13

Band12 QAM16 BW=3MHz Channel=23025 RB Size=1 Position=#0



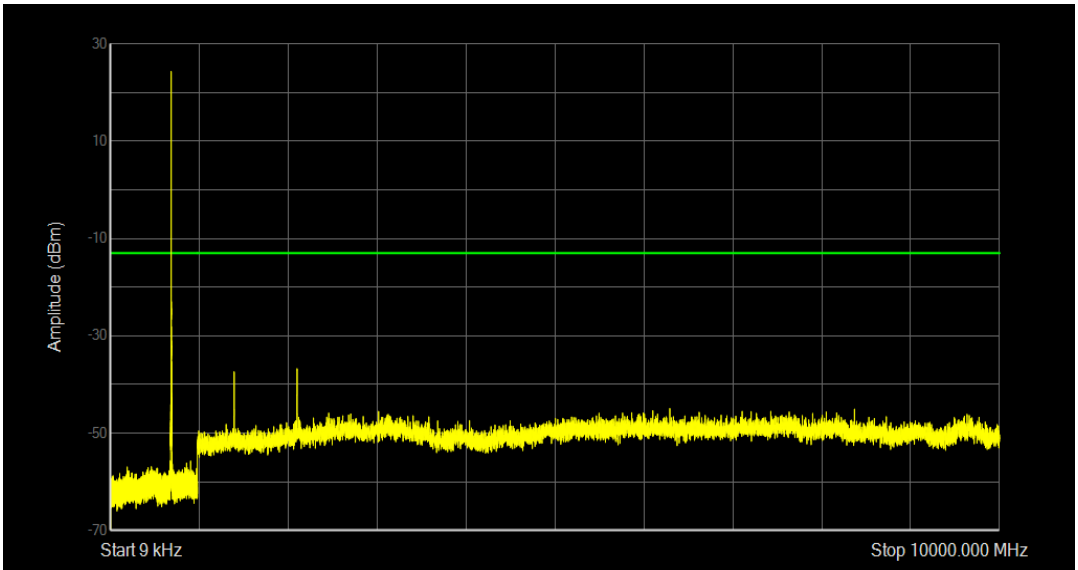
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090423	-46.39	-13
2	0.15	30	10	0.15597	-51.2	-13
3	30	1000	100	485.512	-56.02	-13
4	1000	10000	1000	1398.7	-33.29	-13

Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0



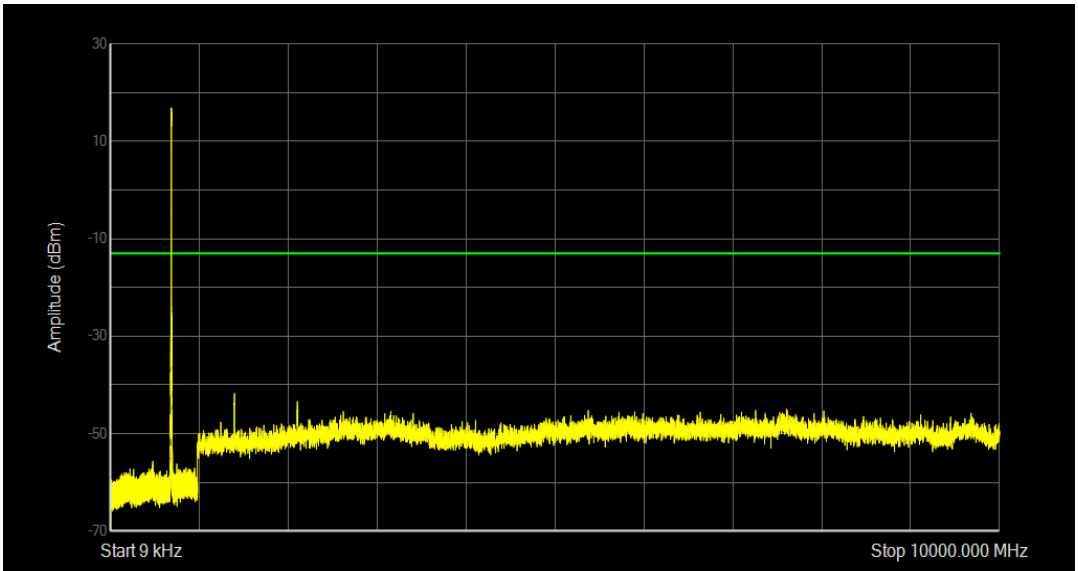
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094794	-45.77	-13
2	0.15	30	10	0.158955	-50.79	-13
3	30	1000	100	889.226	-56.16	-13
4	1000	10000	1000	1401.4	-42.11	-13

Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



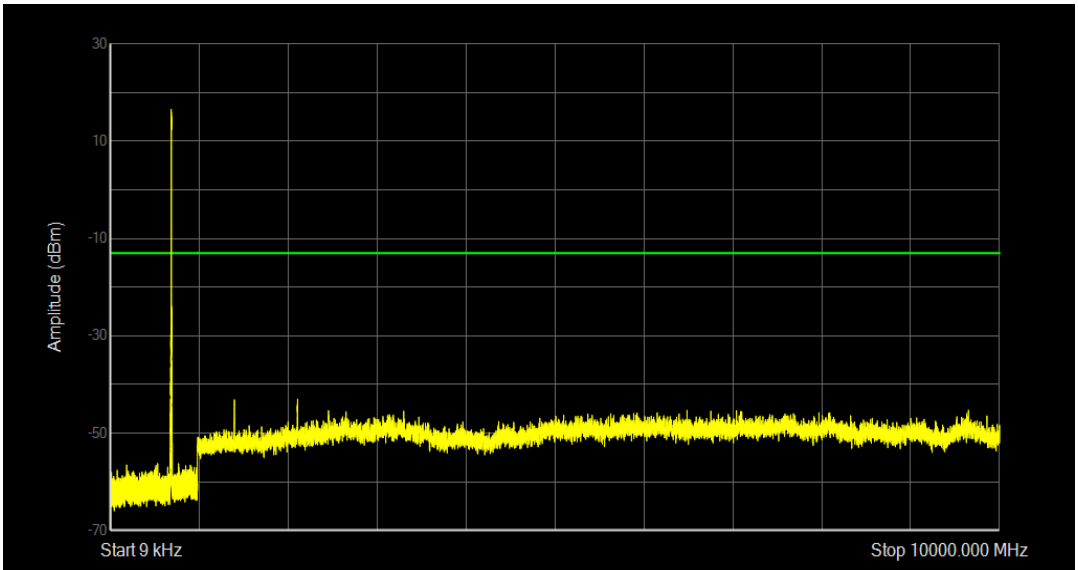
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010128	-46.13	-13
2	0.15	30	10	0.152985	-50.23	-13
3	30	1000	100	924.534	-55.76	-13
4	1000	10000	1000	2118.7	-36.77	-13

Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



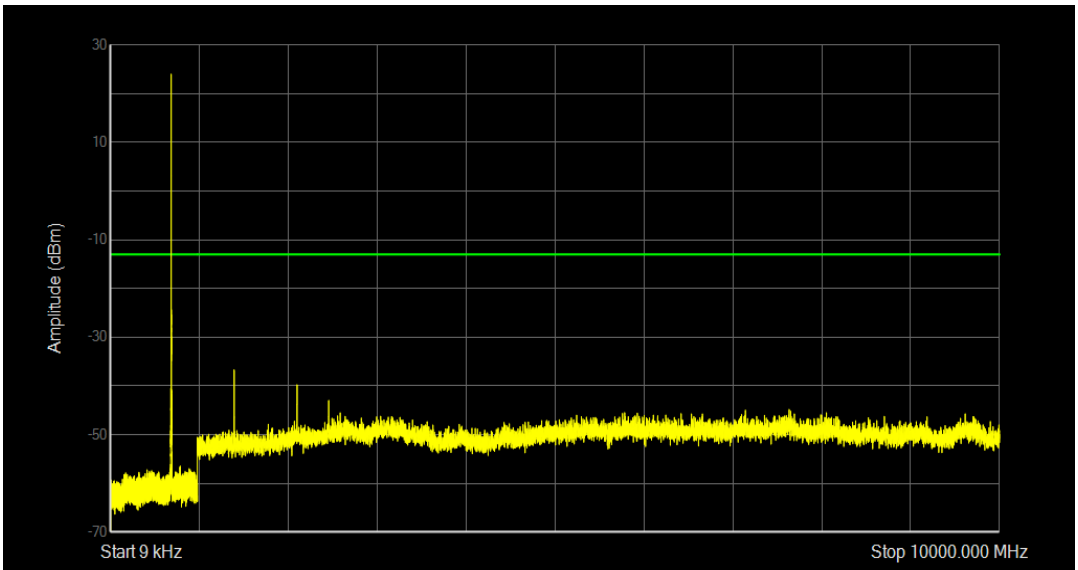
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094935	-46.16	-13
2	0.15	30	10	0.15597	-50.11	-13
3	30	1000	100	501.226	-55.7	-13
4	1000	10000	1000	1416.7	-41.76	-13

Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



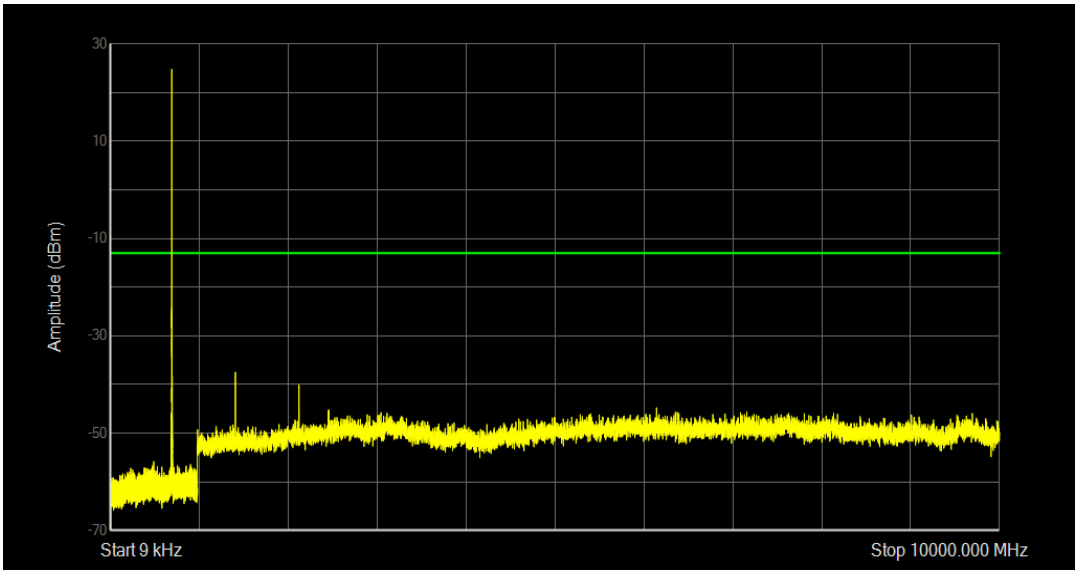
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092397	-48.18	-13
2	0.15	30	10	0.15	-47.24	-13
3	30	1000	100	554.964	-56.25	-13
4	1000	10000	1000	2125	-43	-13

Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0



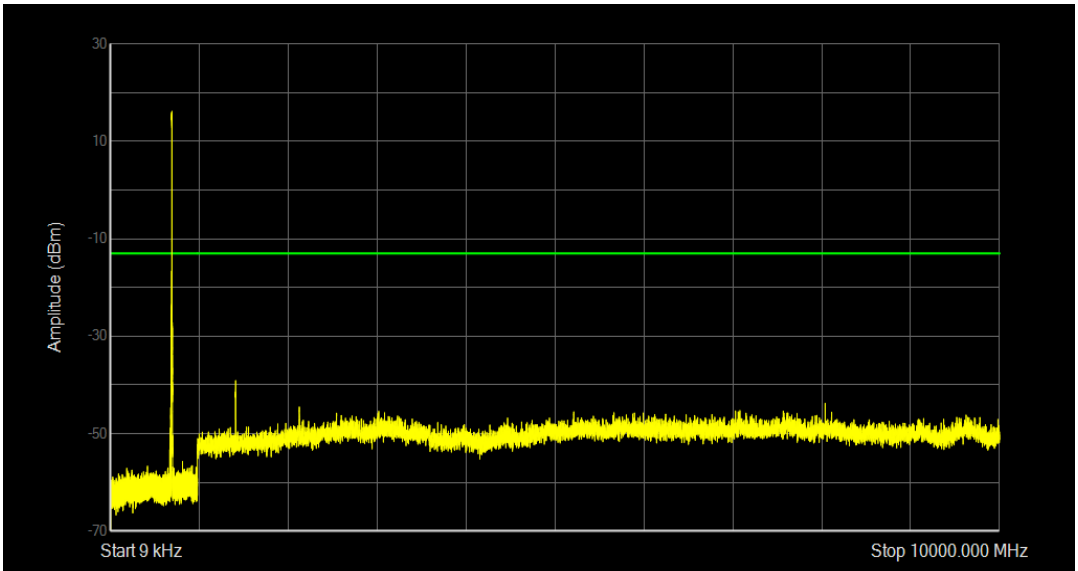
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0101139	-45.75	-13
2	0.15	30	10	0.152985	-48.65	-13
3	30	1000	100	809.395	-56.48	-13
4	1000	10000	1000	1412.2	-36.71	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



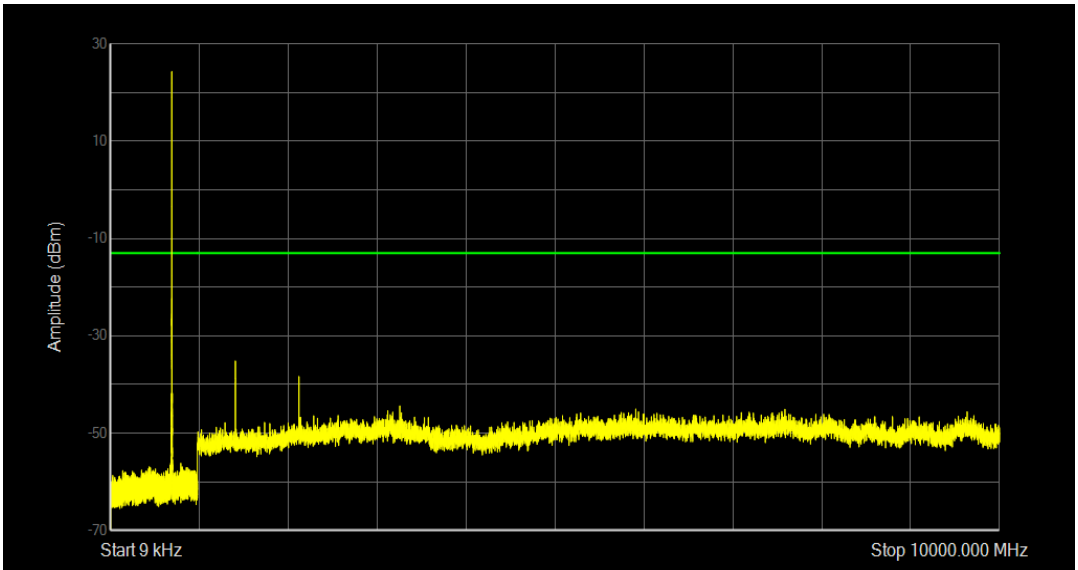
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093102	-46.51	-13
2	0.15	30	10	0.15	-49.95	-13
3	30	1000	100	511.023	-55.83	-13
4	1000	10000	1000	1426.6	-37.49	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



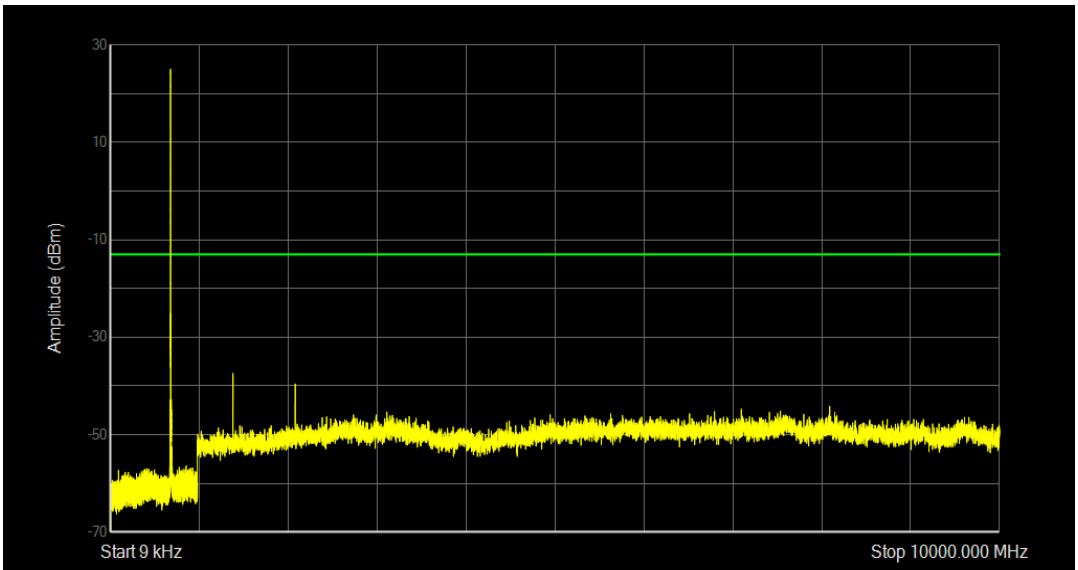
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093243	-45.35	-13
2	0.15	30	10	0.15597	-50.49	-13
3	30	1000	100	834.421	-55.73	-13
4	1000	10000	1000	1429.3	-39.11	-13

Band12 QAM16 BW=3MHz Channel=23165 RB Size=1 Position=#0



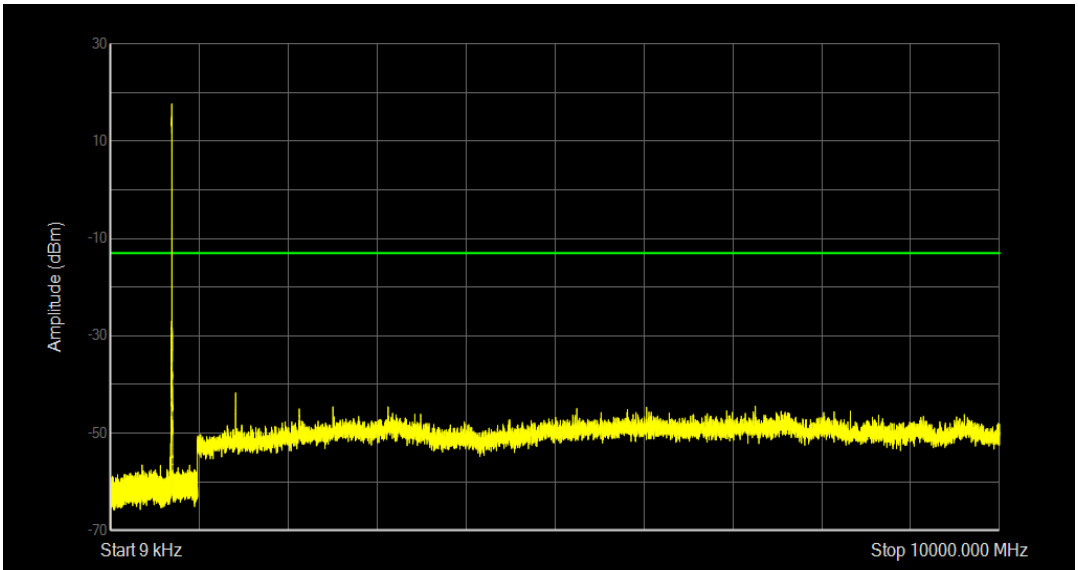
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090141	-46.85	-13
2	0.15	30	10	0.152985	-50.34	-13
3	30	1000	100	815.312	-56.2	-13
4	1000	10000	1000	1426.6	-35.18	-13

Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



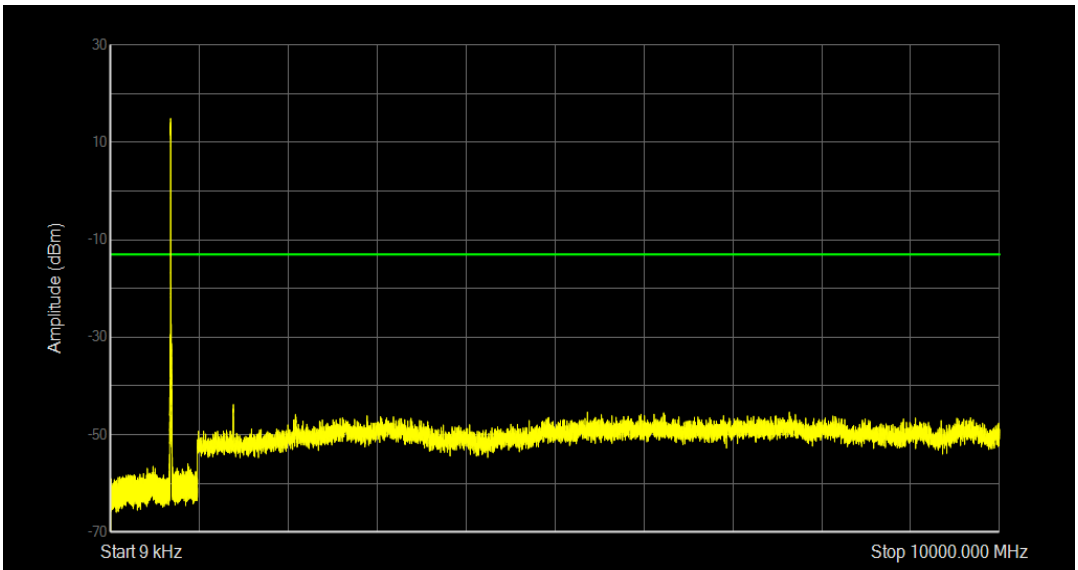
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0125673	-47.72	-13
2	0.15	30	10	0.16791	-50.57	-13
3	30	1000	100	874.773	-56.42	-13
4	1000	10000	1000	1398.7	-37.42	-13

Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0



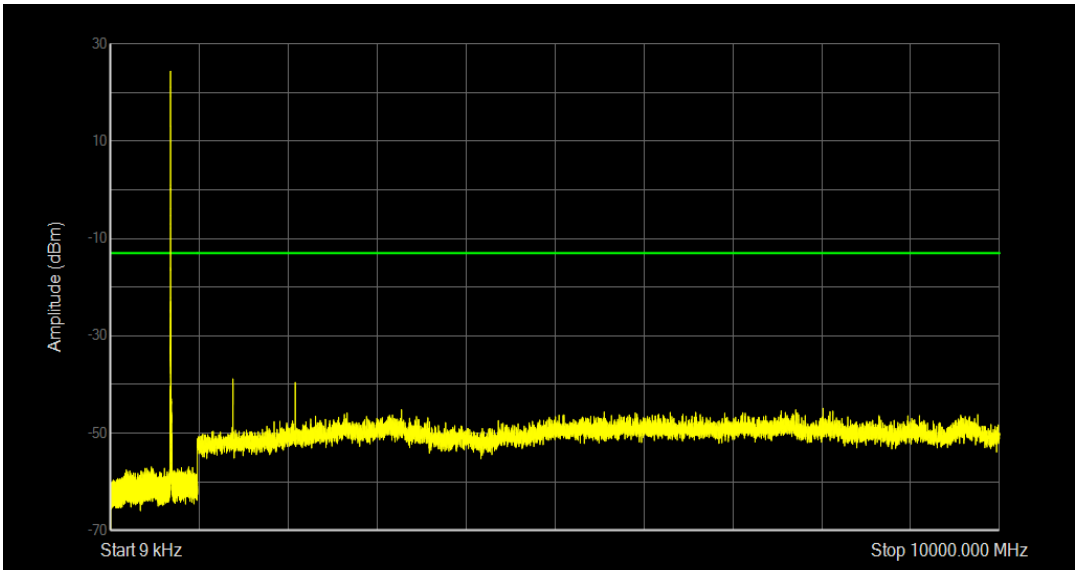
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092256	-47.96	-13
2	0.15	30	10	0.15597	-49.91	-13
3	30	1000	100	380.461	-56.56	-13
4	1000	10000	1000	1429.3	-41.71	-13

Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



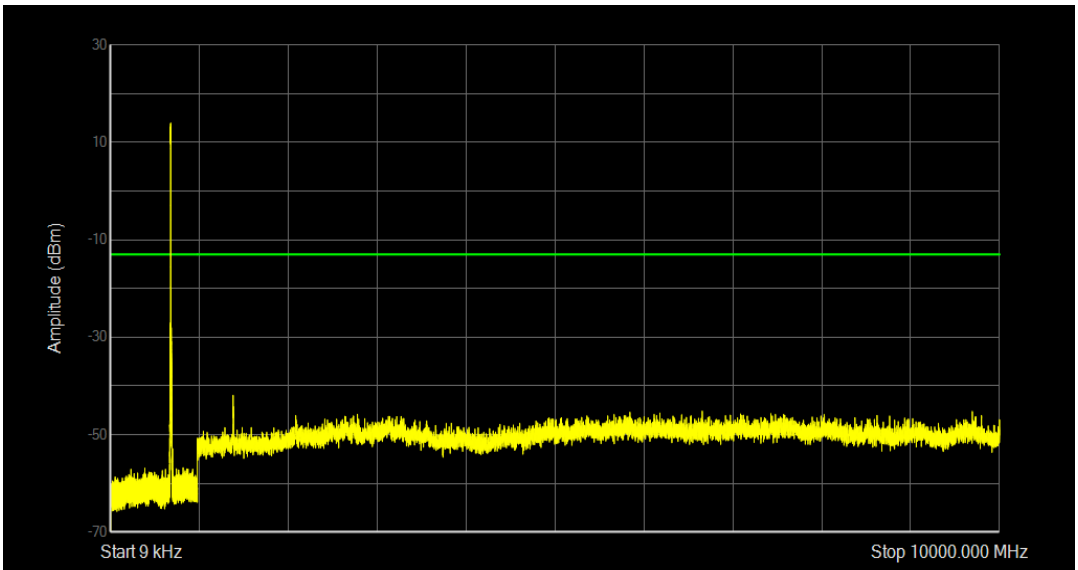
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0111291	-47.58	-13
2	0.15	30	10	0.158955	-49.44	-13
3	30	1000	100	893.591	-55.99	-13
4	1000	10000	1000	1404.1	-43.83	-13

Band12 QAM16 BW=5MHz Channel=23035 RB Size=1 Position=#0



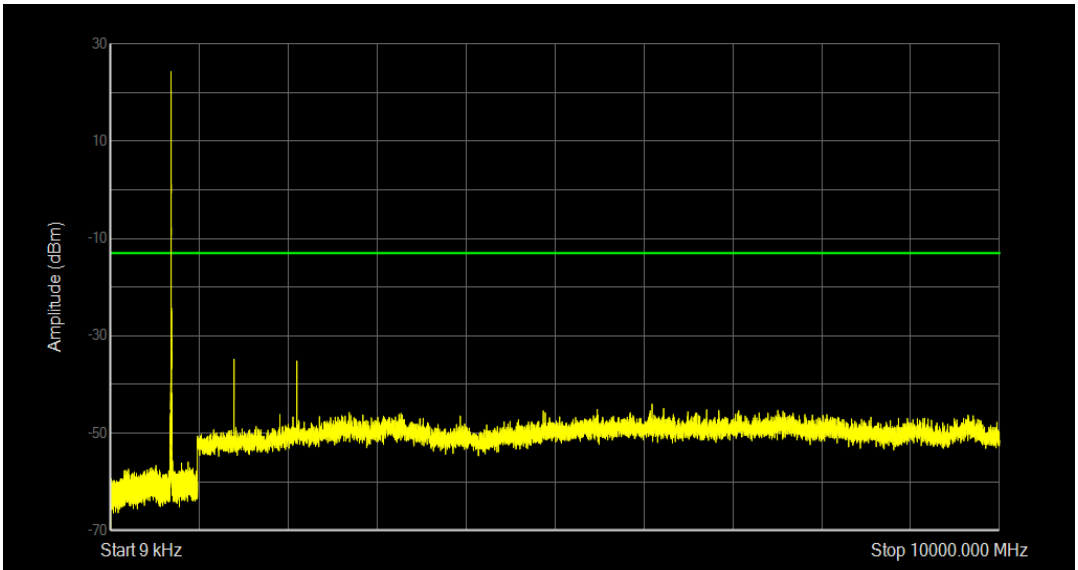
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095781	-46.14	-13
2	0.15	30	10	0.17388	-48.7	-13
3	30	1000	100	484.639	-56.93	-13
4	1000	10000	1000	1398.7	-38.86	-13

Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



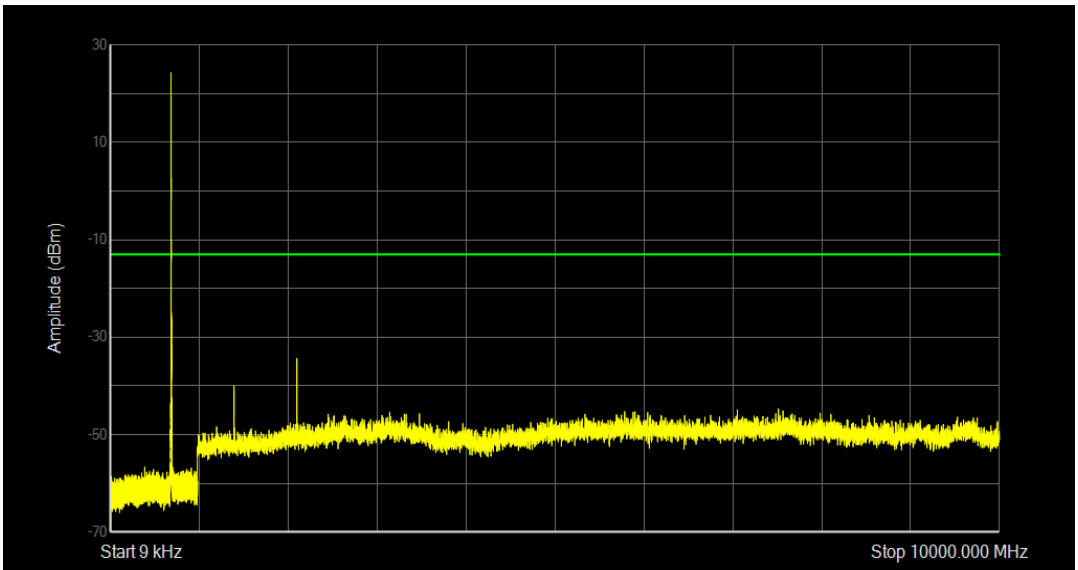
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0119892	-47.14	-13
2	0.15	30	10	0.15	-48.47	-13
3	30	1000	100	840.532	-56.79	-13
4	1000	10000	1000	1401.4	-41.94	-13

Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



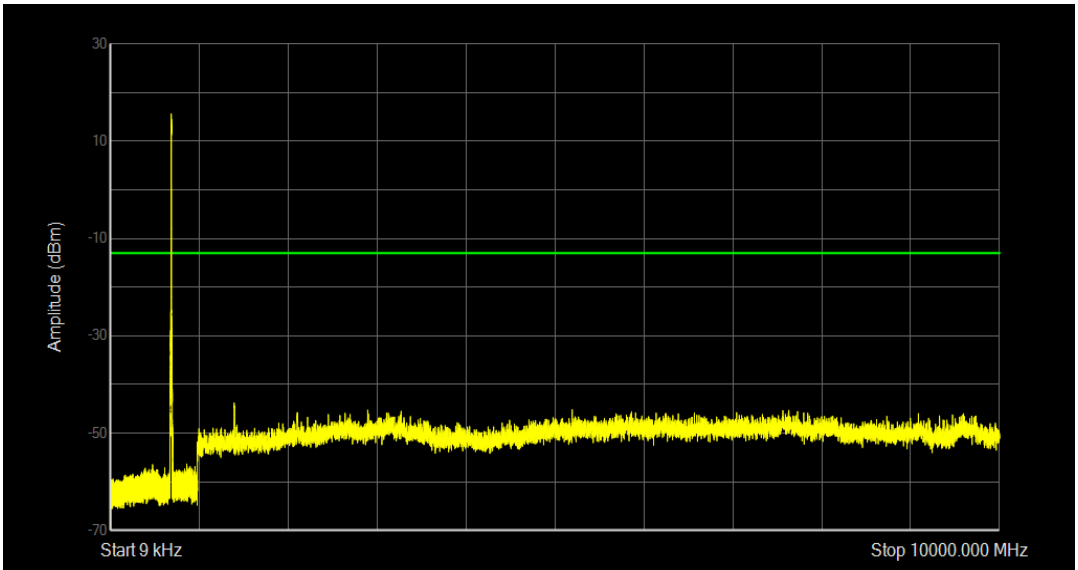
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0112983	-47.67	-13
2	0.15	30	10	0.15597	-50.21	-13
3	30	1000	100	896.501	-55.94	-13
4	1000	10000	1000	1410.4	-34.81	-13

Band12 QAM16 BW=5MHz Channel=23095 RB Size=1 Position=#0



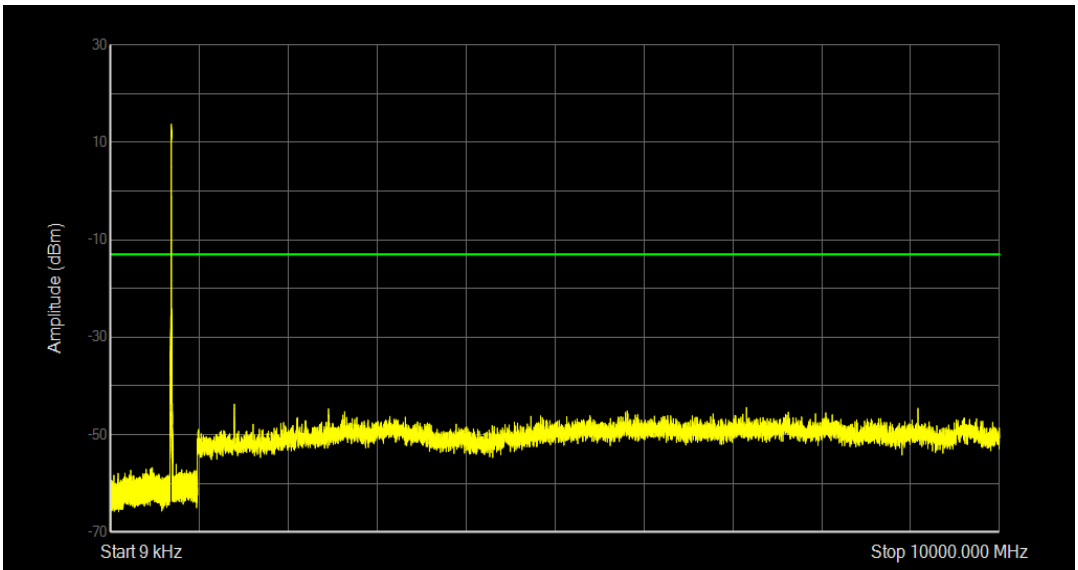
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.87	-13
2	0.15	30	10	0.16194	-51.62	-13
3	30	1000	100	409.949	-56.68	-13
4	1000	10000	1000	2116	-34.38	-13

Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



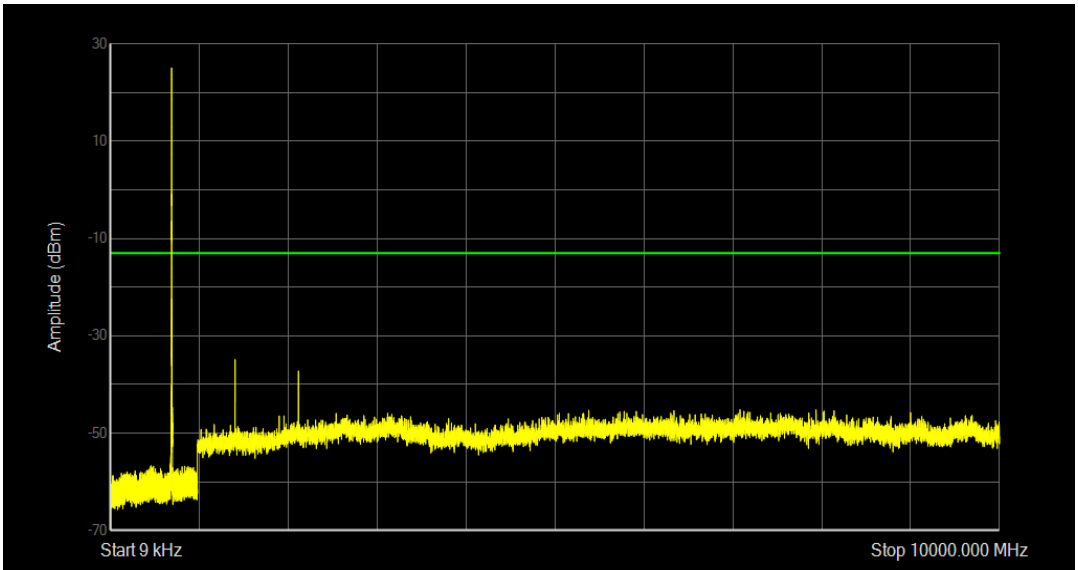
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0123276	-47.43	-13
2	0.15	30	10	0.15	-49.67	-13
3	30	1000	100	881.563	-56.33	-13
4	1000	10000	1000	1413.1	-43.81	-13

Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



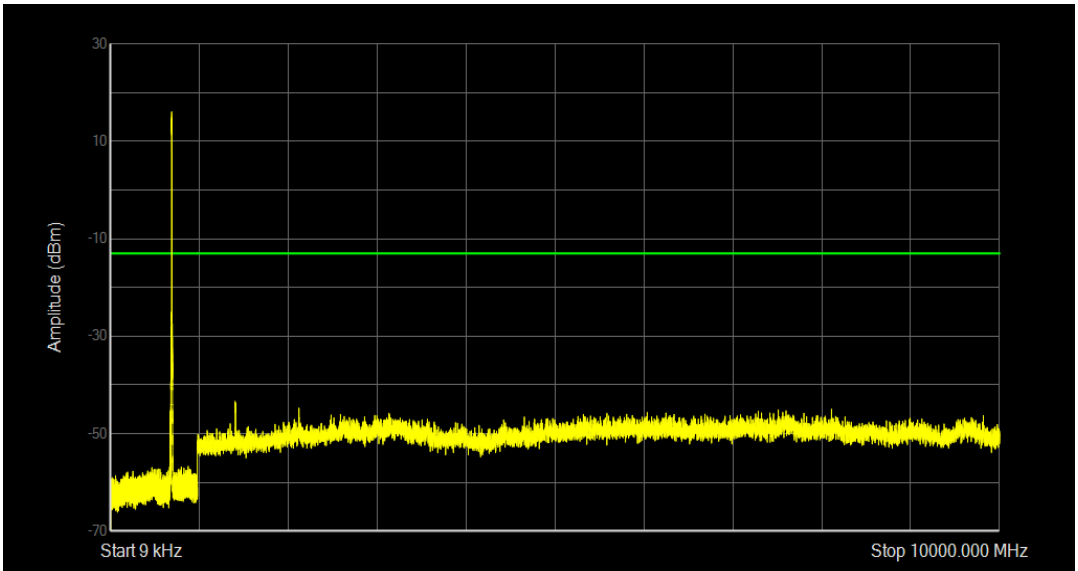
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.44	-13
2	0.15	30	10	0.170895	-48.02	-13
3	30	1000	100	762.738	-56.07	-13
4	1000	10000	1000	1414.9	-43.73	-13

Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



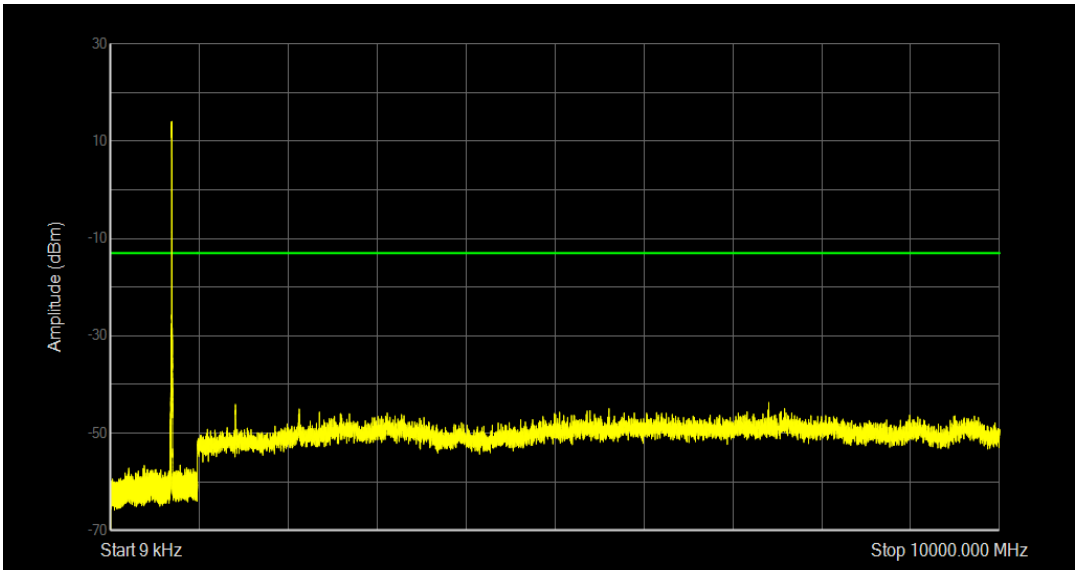
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094653	-48.32	-13
2	0.15	30	10	0.15	-50.25	-13
3	30	1000	100	482.214	-56.7	-13
4	1000	10000	1000	1423	-34.87	-13

Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



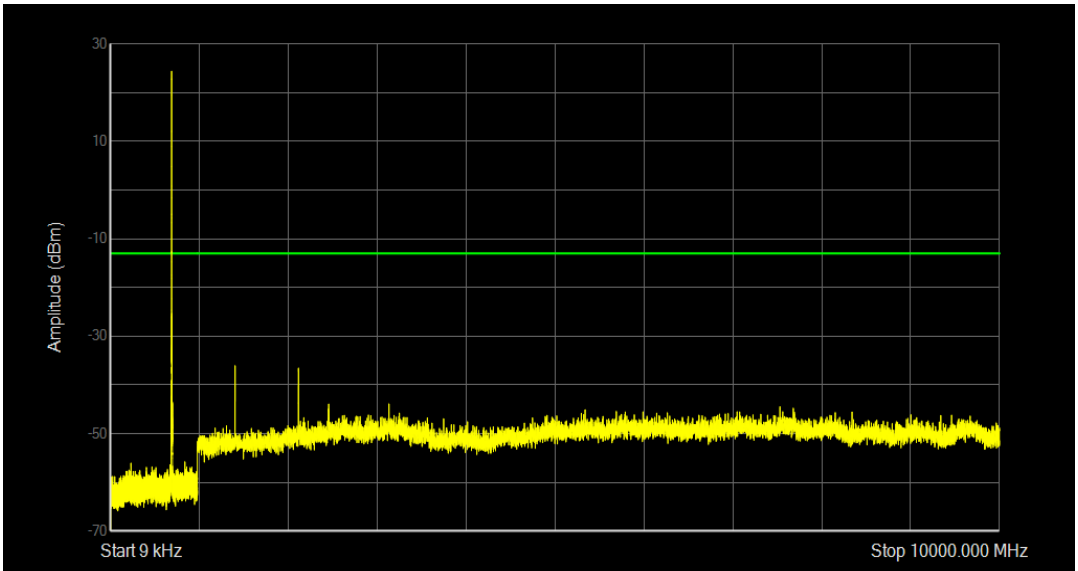
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0114393	-47.6	-13
2	0.15	30	10	0.152985	-47.89	-13
3	30	1000	100	897.277	-56.74	-13
4	1000	10000	1000	1423.9	-43.4	-13

Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0



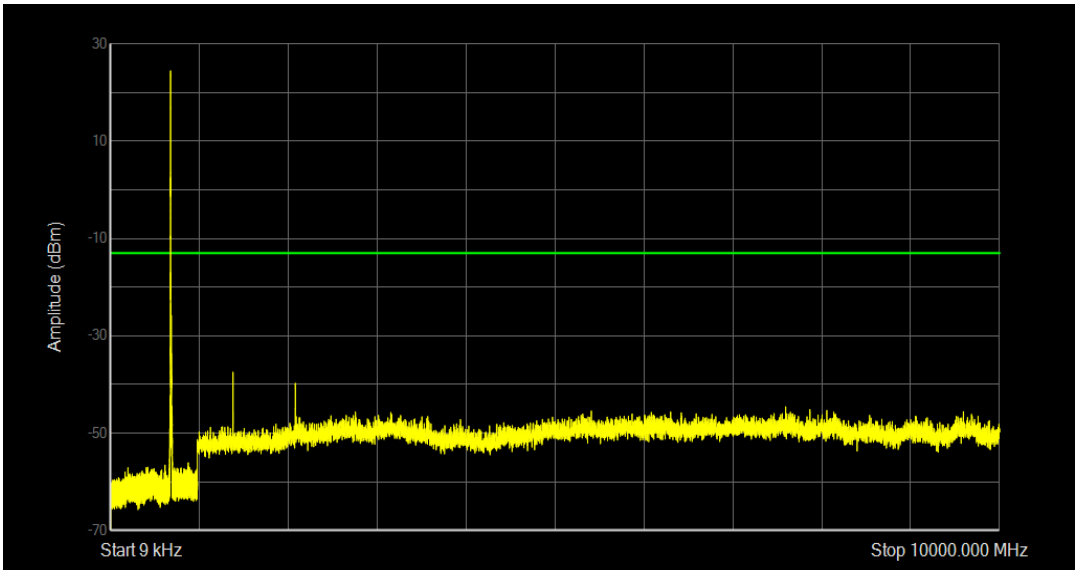
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0115662	-47.14	-13
2	0.15	30	10	0.15	-50.41	-13
3	30	1000	100	807.164	-56.58	-13
4	1000	10000	1000	7410.7	-43.69	-13

Band12 QAM16 BW=5MHz Channel=23155 RB Size=1 Position=#0



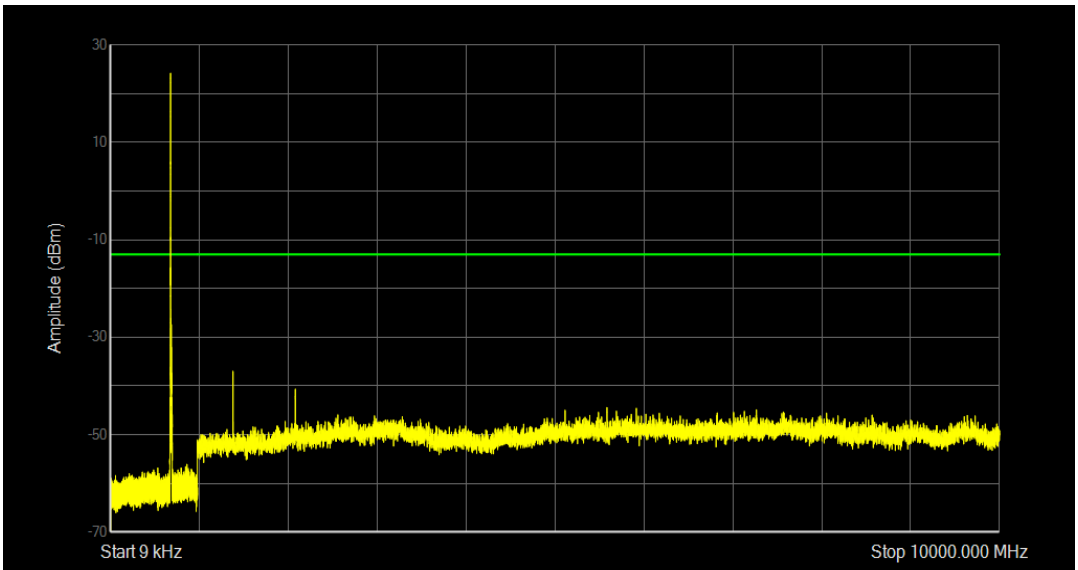
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.96	-13
2	0.15	30	10	0.158955	-50.32	-13
3	30	1000	100	859.932	-55.79	-13
4	1000	10000	1000	1423	-36.06	-13

Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



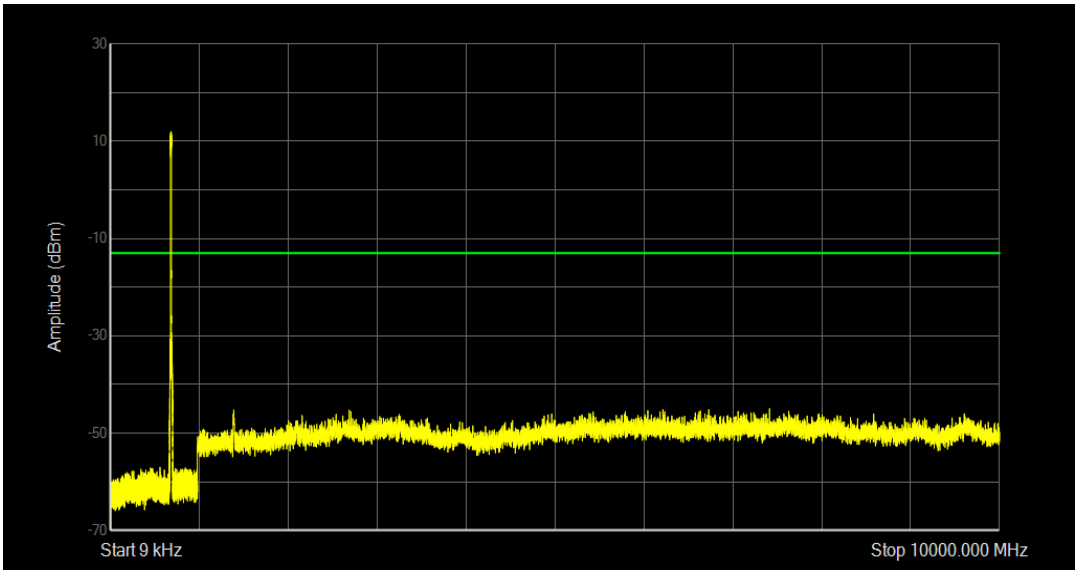
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092538	-47.16	-13
2	0.15	30	10	0.15	-48.75	-13
3	30	1000	100	897.665	-56.11	-13
4	1000	10000	1000	1399.6	-37.47	-13

Band12 QAM16 BW=10MHz Channel=23060 RB Size=1 Position=#0



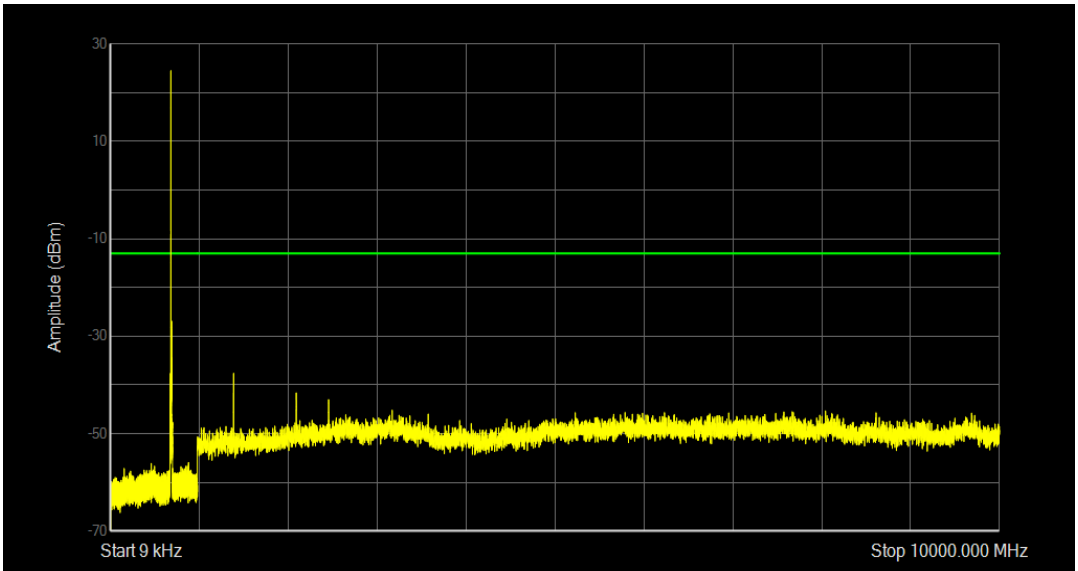
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010128	-45.03	-13
2	0.15	30	10	0.152985	-48.46	-13
3	30	1000	100	883.891	-56.1	-13
4	1000	10000	1000	1399.6	-37	-13

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



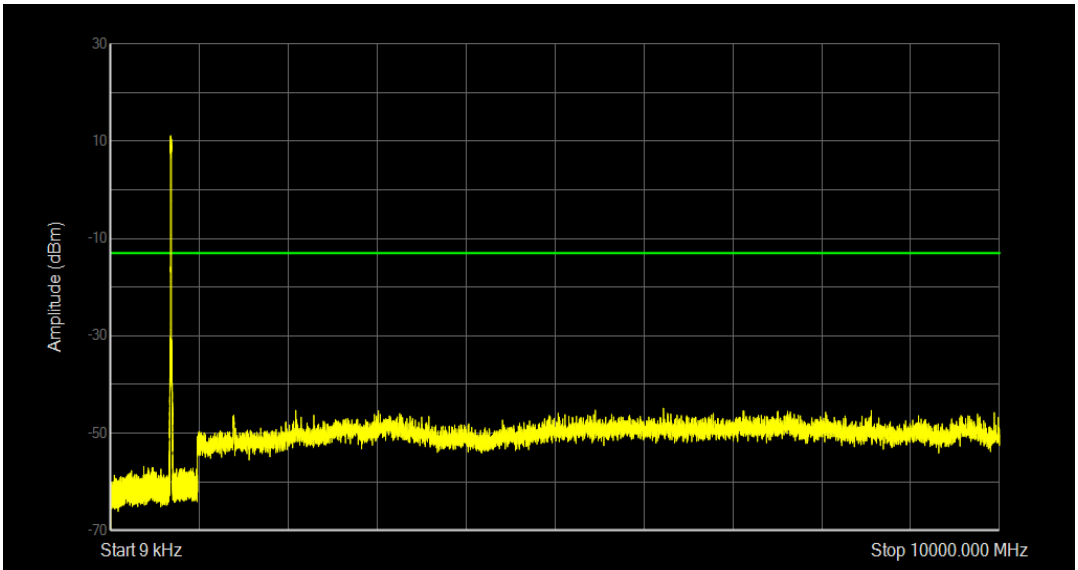
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090282	-46.5	-13
2	0.15	30	10	0.152985	-48.27	-13
3	30	1000	100	582.027	-57.04	-13
4	1000	10000	1000	7419.7	-44.96	-13

Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



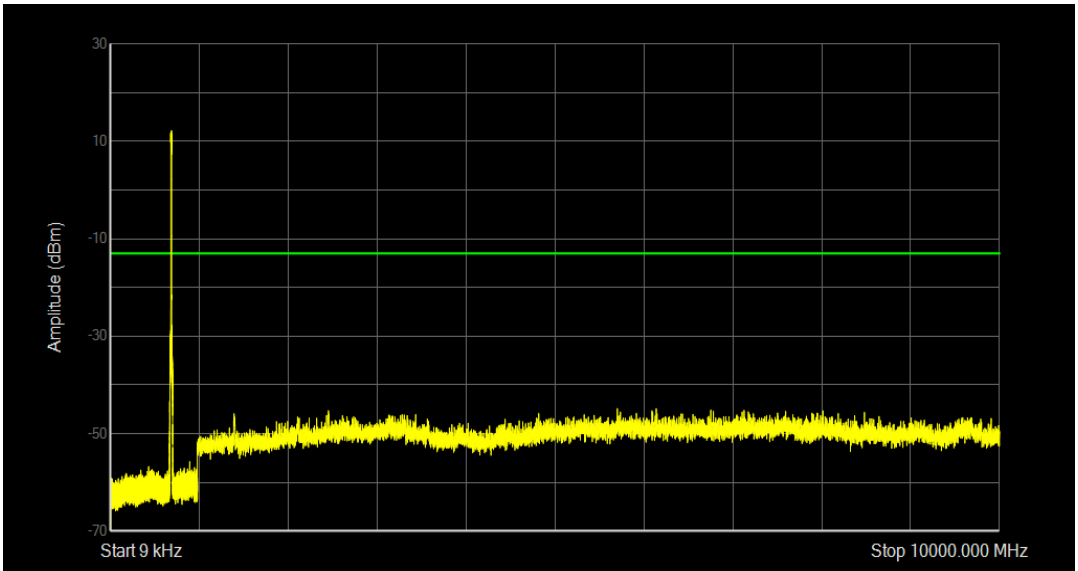
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0111855	-47.88	-13
2	0.15	30	10	0.158955	-49.86	-13
3	30	1000	100	901.933	-55.92	-13
4	1000	10000	1000	1405.9	-37.65	-13

Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0



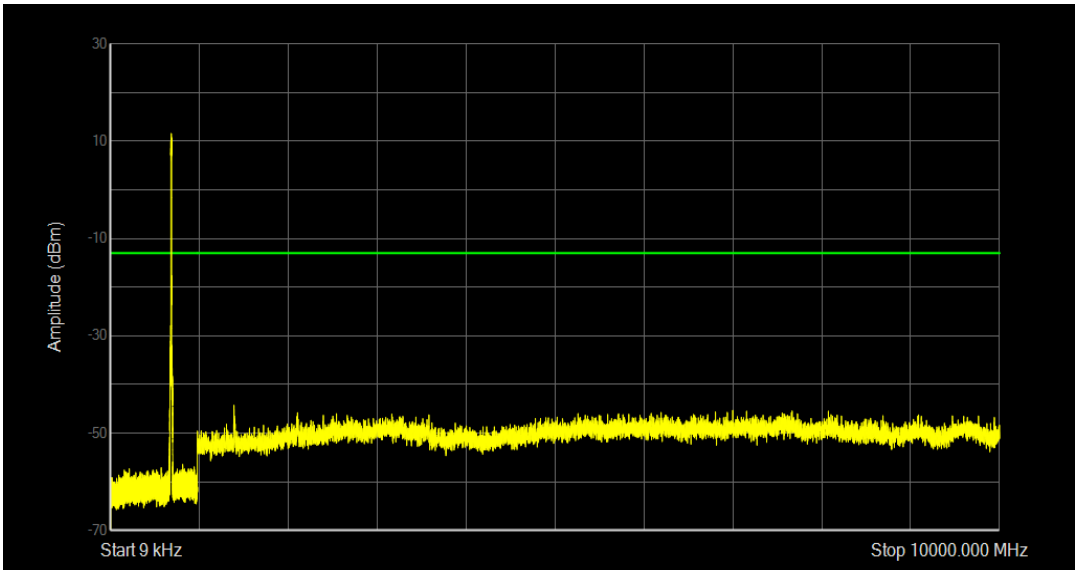
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096627	-44.18	-13
2	0.15	30	10	0.15	-49.91	-13
3	30	1000	100	398.794	-56.84	-13
4	1000	10000	1000	6229	-44.88	-13

Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



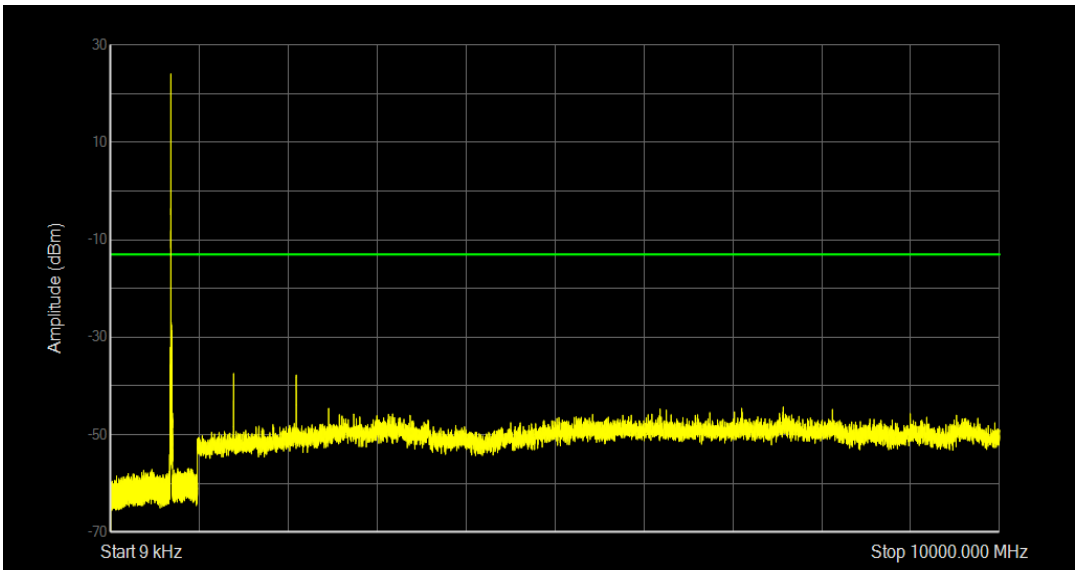
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.56	-13
2	0.15	30	10	0.16194	-50.89	-13
3	30	1000	100	914.737	-55.76	-13
4	1000	10000	1000	5711.5	-44.87	-13

Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



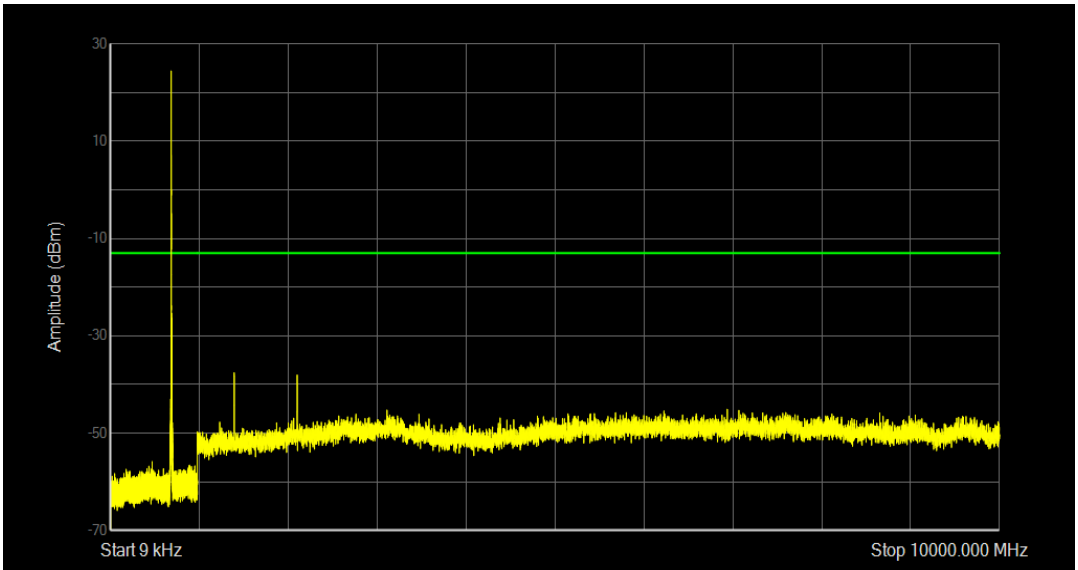
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092115	-46.6	-13
2	0.15	30	10	0.158955	-51.67	-13
3	30	1000	100	836.07	-56.43	-13
4	1000	10000	1000	1410.4	-44.28	-13

Band12 QAM16 BW=10MHz Channel=23095 RB Size=1 Position=#0



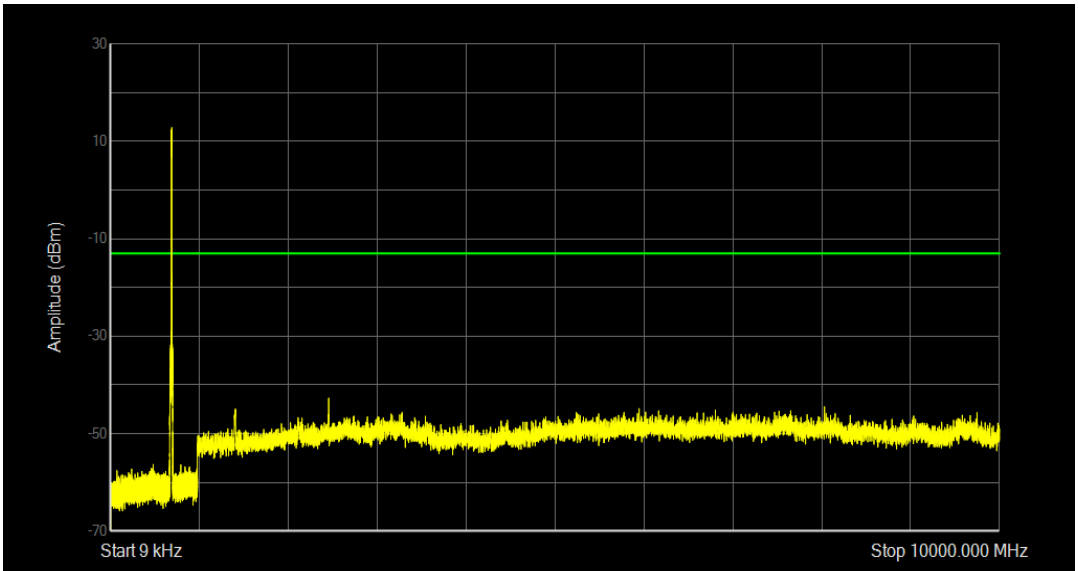
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009423	-47.3	-13
2	0.15	30	10	0.158955	-49.85	-13
3	30	1000	100	780.295	-56.97	-13
4	1000	10000	1000	1406.8	-37.48	-13

Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



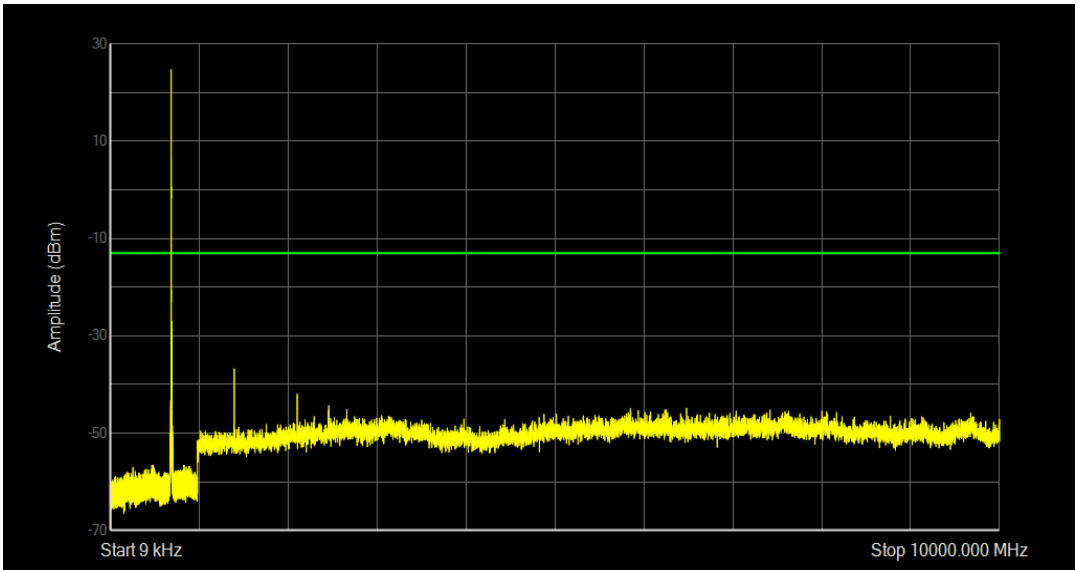
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094794	-47.29	-13
2	0.15	30	10	0.152985	-48.66	-13
3	30	1000	100	493.66	-55.84	-13
4	1000	10000	1000	1413.1	-37.59	-13

Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



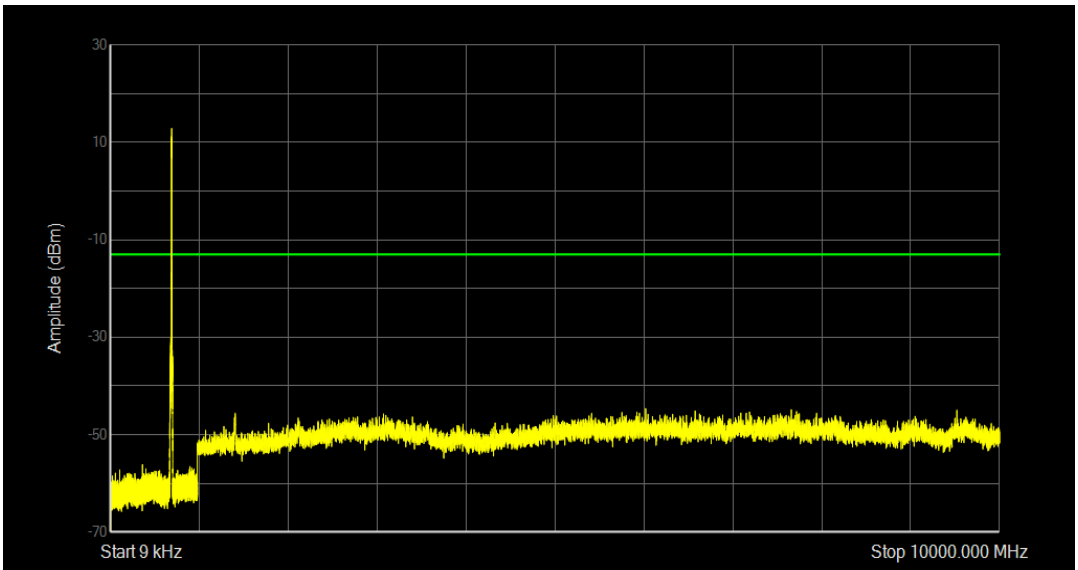
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107907	-48.23	-13
2	0.15	30	10	0.15	-49.33	-13
3	30	1000	100	504.718	-56.32	-13
4	1000	10000	1000	2473.3	-42.71	-13

Band12 QAM16 BW=10MHz Channel=23130 RB Size=1 Position=#0



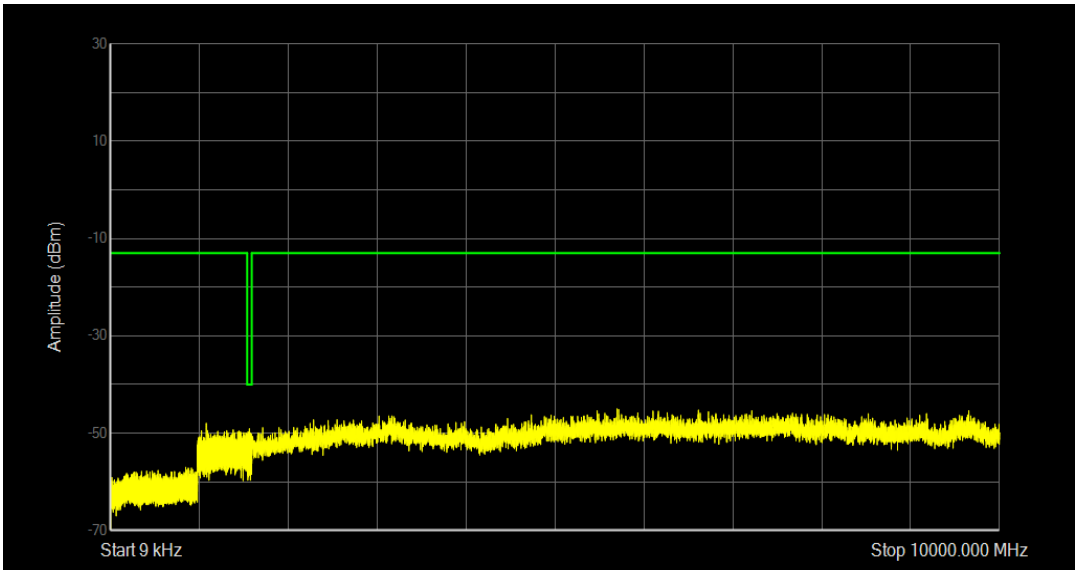
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090141	-47.94	-13
2	0.15	30	10	0.15	-50.73	-13
3	30	1000	100	502.293	-56.59	-13
4	1000	10000	1000	1413.1	-36.77	-13

Band12 QAM16 BW=10MHz Channel=23130 RB Size=50 Position=#0



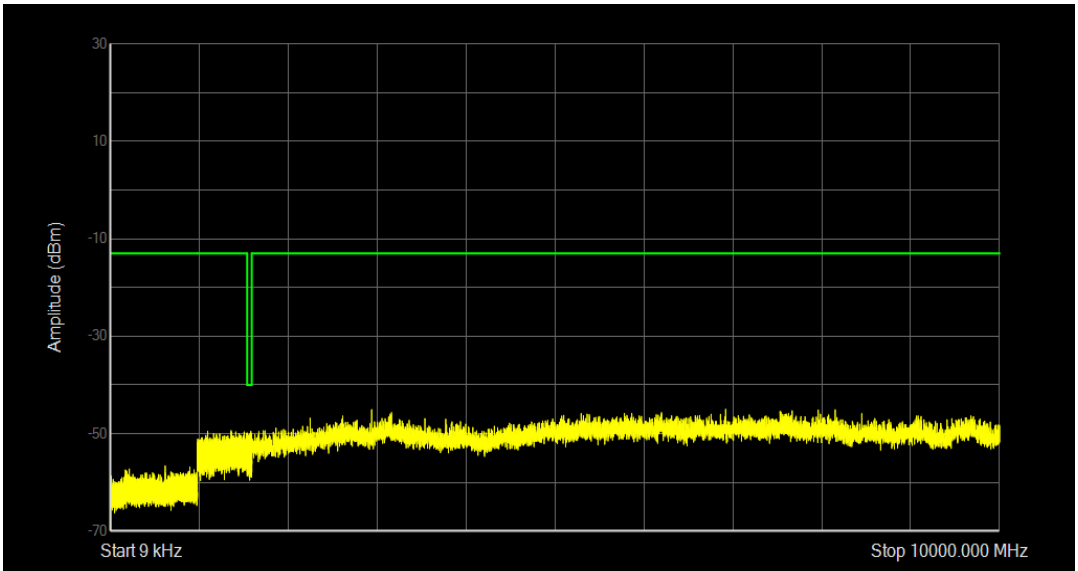
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0114252	-47.15	-13
2	0.15	30	10	0.15	-48.94	-13
3	30	1000	100	385.117	-56.15	-13
4	1000	10000	1000	6030.1	-44.65	-13

Band13 QAM16 BW=5MHz Channel=23205 RB Size=1 Position=#0



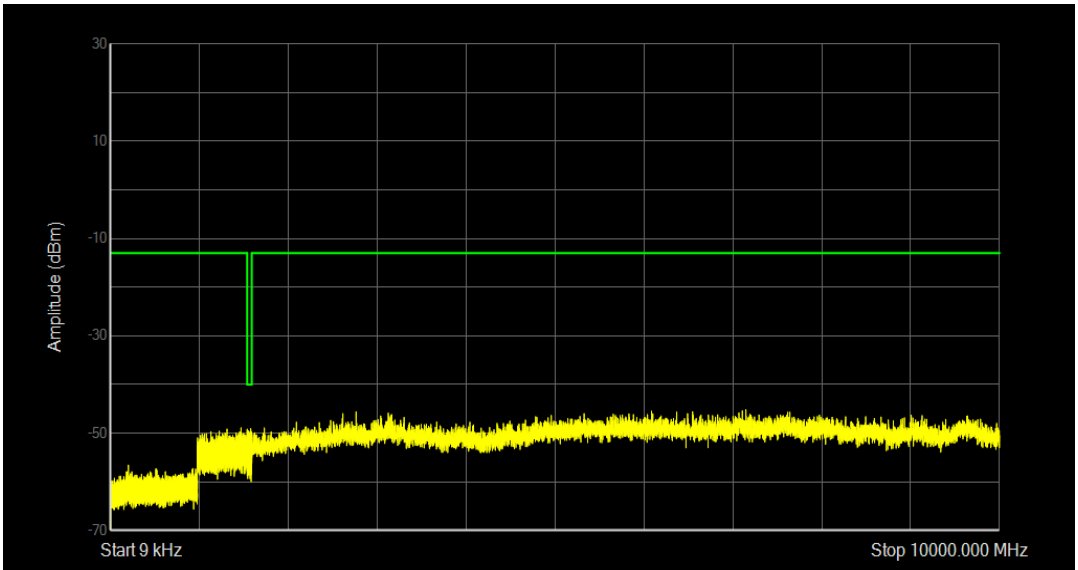
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095499	-46.55	-13
2	0.15	30	10	0.15	-49.1	-13
3	30	1000	100	869.244	-57.01	-13
4	1000	1559	1000	1100.3964	-48	-13
5	1559	1610	1000	1584.0206	-49.09	-40
6	1610	10000	1000	5707.676	-45.01	-13

Band13 QAM16 BW=10MHz Channel=23230 RB Size=50 Position=#0



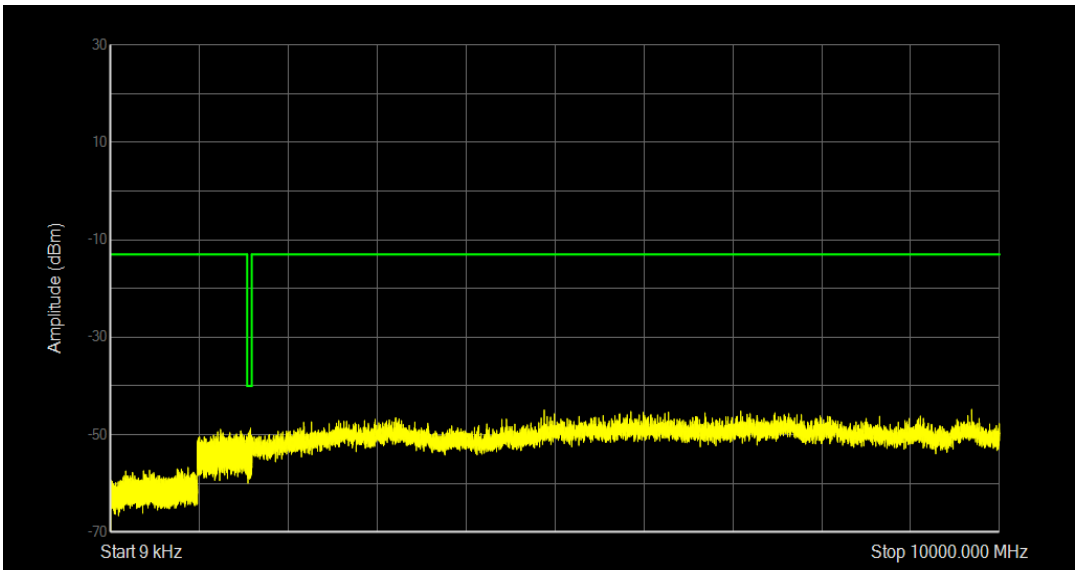
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095499	-46.19	-13
2	0.15	30	10	0.15	-48.18	-13
3	30	1000	100	639.451	-56.6	-13
4	1000	1559	1000	1379.0579	-49.39	-13
5	1559	1610	1000	1600.361	-49.51	-40
6	1610	10000	1000	6926.743	-44.99	-13

Band13 QAM16 BW=10MHz Channel=23230 RB Size=1 Position=#0



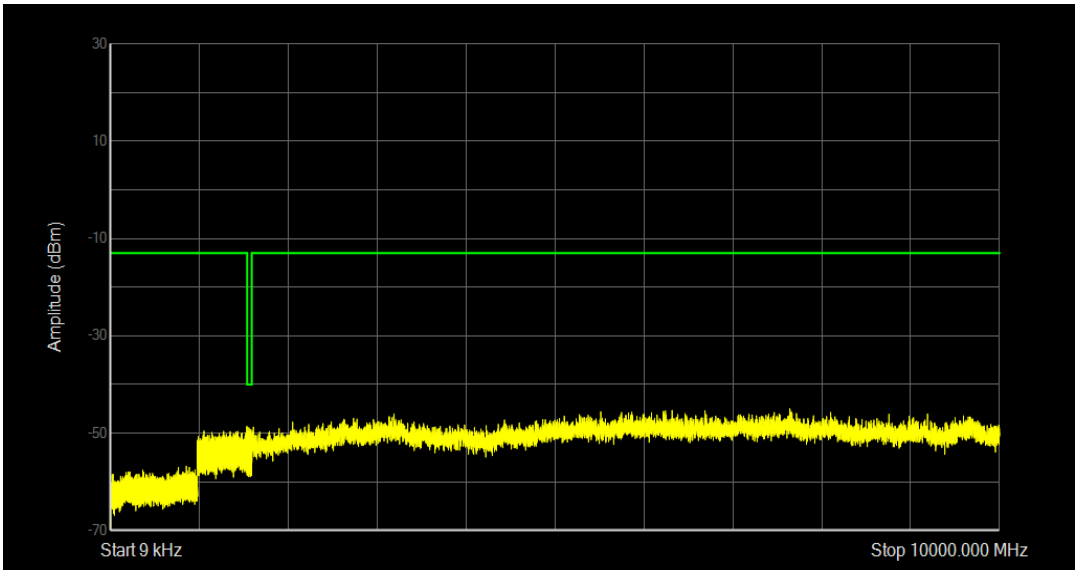
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090705	-46.03	-13
2	0.15	30	10	0.164925	-49.4	-13
3	30	1000	100	225.552	-56.57	-13
4	1000	1559	1000	1490.0194	-48.91	-13
5	1559	1610	1000	1598.8463	-49.06	-40
6	1610	10000	1000	7153.273	-45.17	-13

Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



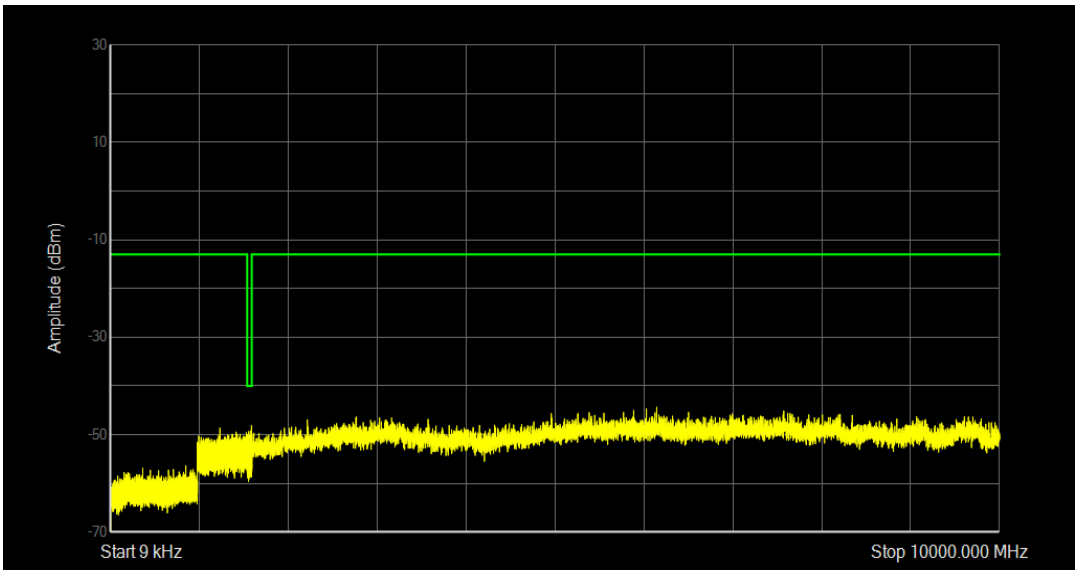
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099729	-45.82	-13
2	0.15	30	10	0.15	-47.75	-13
3	30	1000	100	896.307	-56.73	-13
4	1000	1559	1000	1260.9412	-48.93	-13
5	1559	1610	1000	1597.9283	-48.68	-40
6	1610	10000	1000	9687.053	-44.82	-13

Band13 QPSK BW=10MHz Channel=23230 RB Size=1 Position=#0



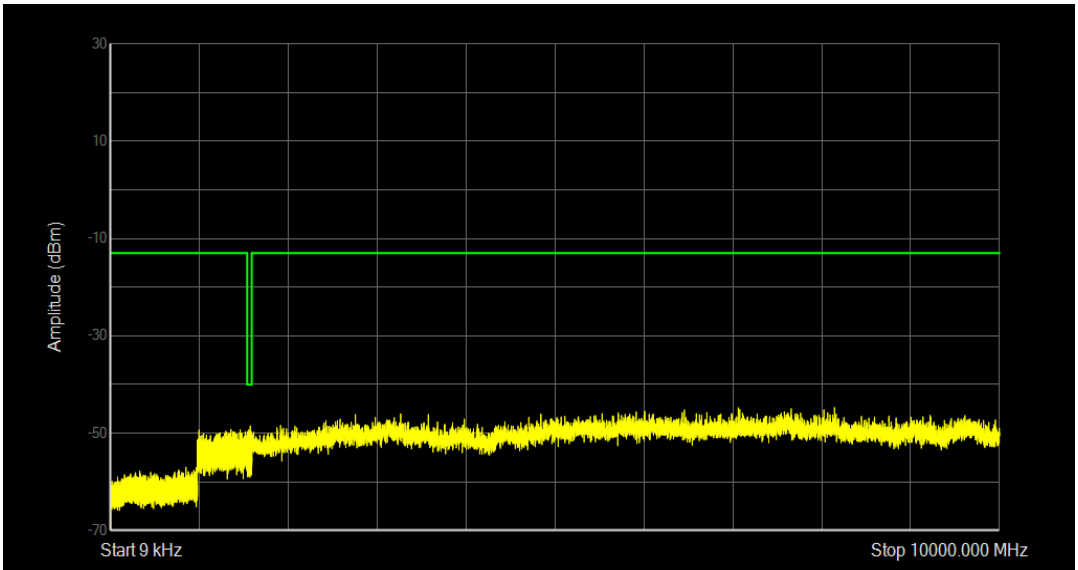
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012102	-48.1	-13
2	0.15	30	10	0.152985	-49.71	-13
3	30	1000	100	876.131	-56.79	-13
4	1000	1559	1000	1555.087	-48.62	-13
5	1559	1610	1000	1566.8438	-48.8	-40
6	1610	10000	1000	7645.766	-45	-13

Band13 QPSK BW=5MHz Channel=23205 RB Size=1 Position=#0



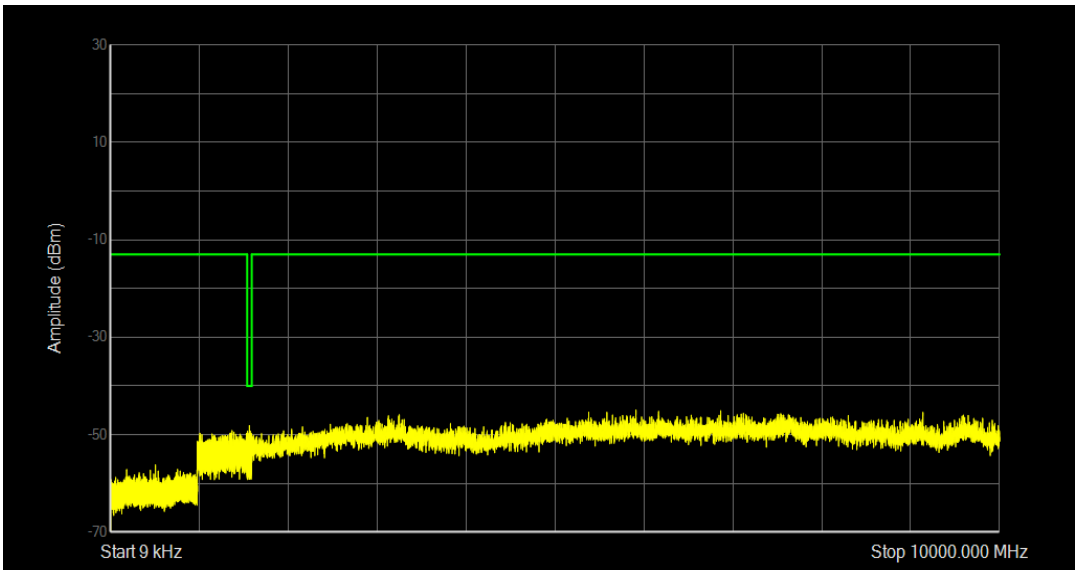
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009846	-45.74	-13
2	0.15	30	10	0.15	-50.33	-13
3	30	1000	100	870.602	-56.4	-13
4	1000	1559	1000	1254.0655	-48.66	-13
5	1559	1610	1000	1607.3786	-48.13	-40
6	1610	10000	1000	6153.185	-44.36	-13

Band13 QPSK BW=5MHz Channel=23230 RB Size=1 Position=#0



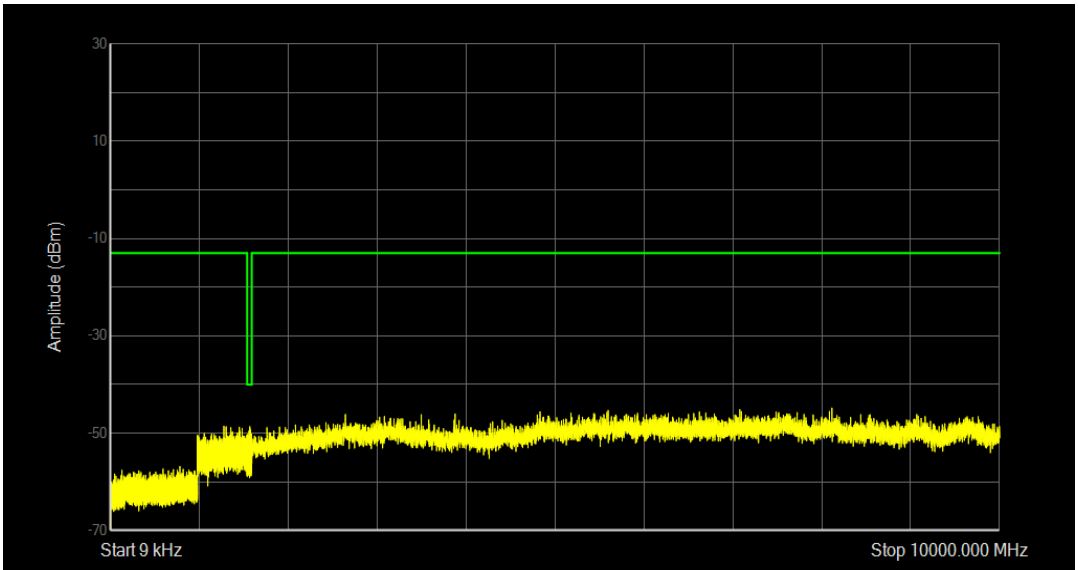
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0111996	-45.11	-13
2	0.15	30	10	0.152985	-48.14	-13
3	30	1000	100	871.669	-57	-13
4	1000	1559	1000	1376.4306	-49.22	-13
5	1559	1610	1000	1594.9754	-48.52	-40
6	1610	10000	1000	8148.327	-44.74	-13

Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



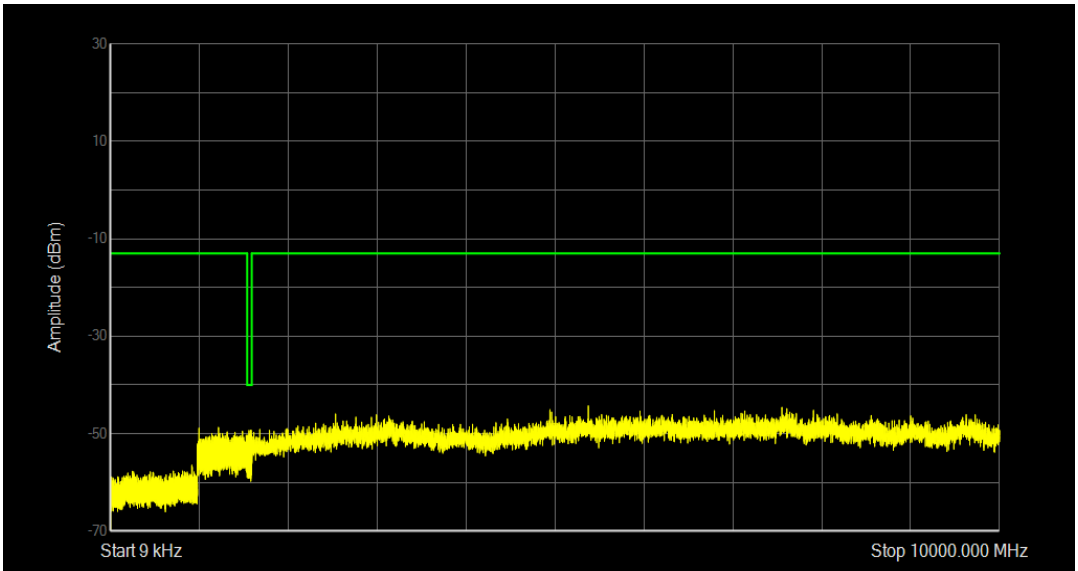
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096486	-47.38	-13
2	0.15	30	10	0.15	-48.12	-13
3	30	1000	100	529.938	-56.2	-13
4	1000	1559	1000	1389.5671	-49.18	-13
5	1559	1610	1000	1584.0818	-48.13	-40
6	1610	10000	1000	5920.782	-44.94	-13

Band13 QAM16 BW=5MHz Channel=23230 RB Size=1 Position=#0



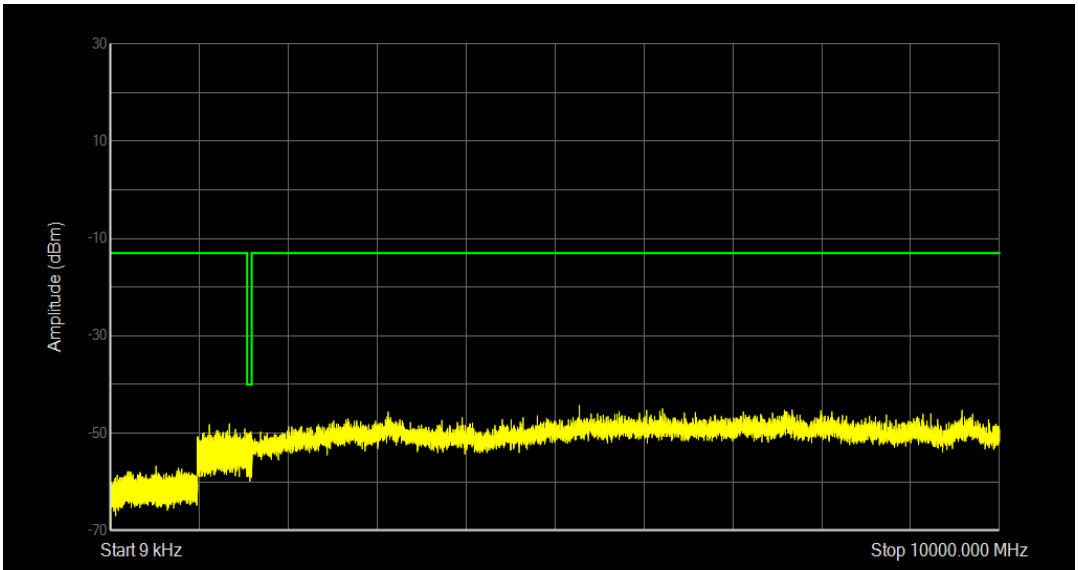
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107625	-47.36	-13
2	0.15	30	10	0.17388	-49.52	-13
3	30	1000	100	615.783	-57.36	-13
4	1000	1559	1000	1297.8352	-48.59	-13
5	1559	1610	1000	1588.6922	-48.68	-40
6	1610	10000	1000	8118.962	-44.83	-13

Band13 QAM16 BW=5MHz Channel=23205 RB Size=25 Position=#0



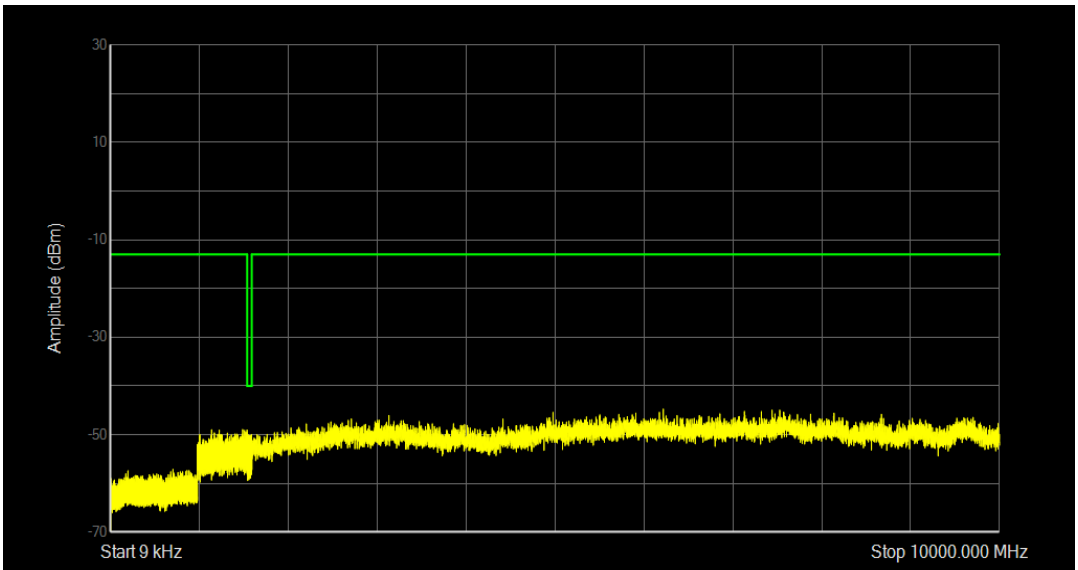
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0102549	-45.81	-13
2	0.15	30	10	0.15597	-50.18	-13
3	30	1000	100	938.211	-56.48	-13
4	1000	1559	1000	1237.2955	-48.72	-13
5	1559	1610	1000	1601.7278	-49.28	-40
6	1610	10000	1000	5386.339	-44.29	-13

Band13 QAM16 BW=5MHz Channel=23230 RB Size=25 Position=#0



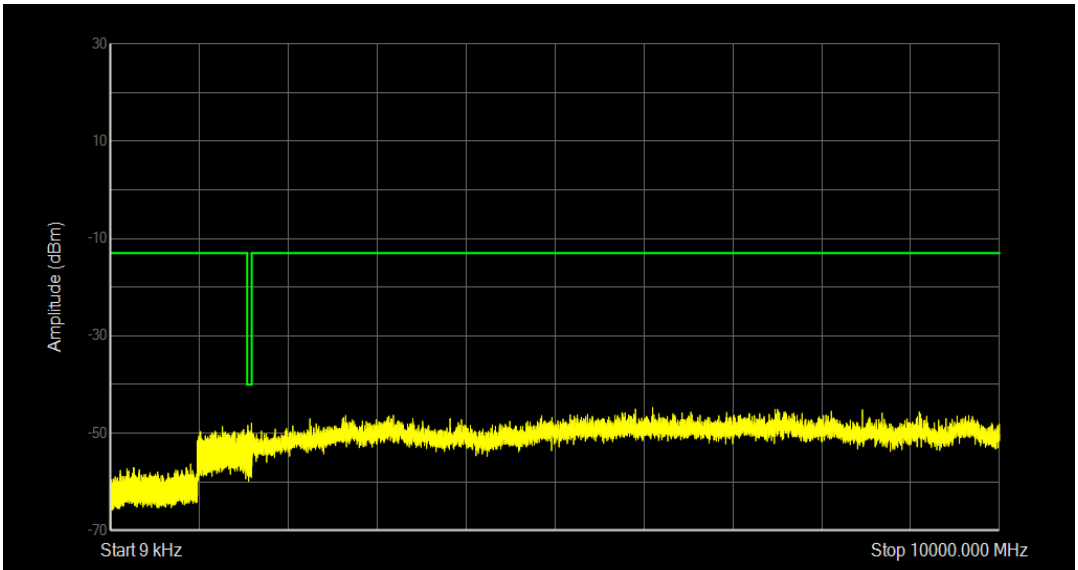
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094371	-45.63	-13
2	0.15	30	10	0.170895	-50.05	-13
3	30	1000	100	536.631	-56.79	-13
4	1000	1559	1000	1359.6047	-48.07	-13
5	1559	1610	1000	1600.9169	-49.71	-40
6	1610	10000	1000	5284.82	-44.32	-13

Band13 QAM16 BW=5MHz Channel=23255 RB Size=25 Position=#0



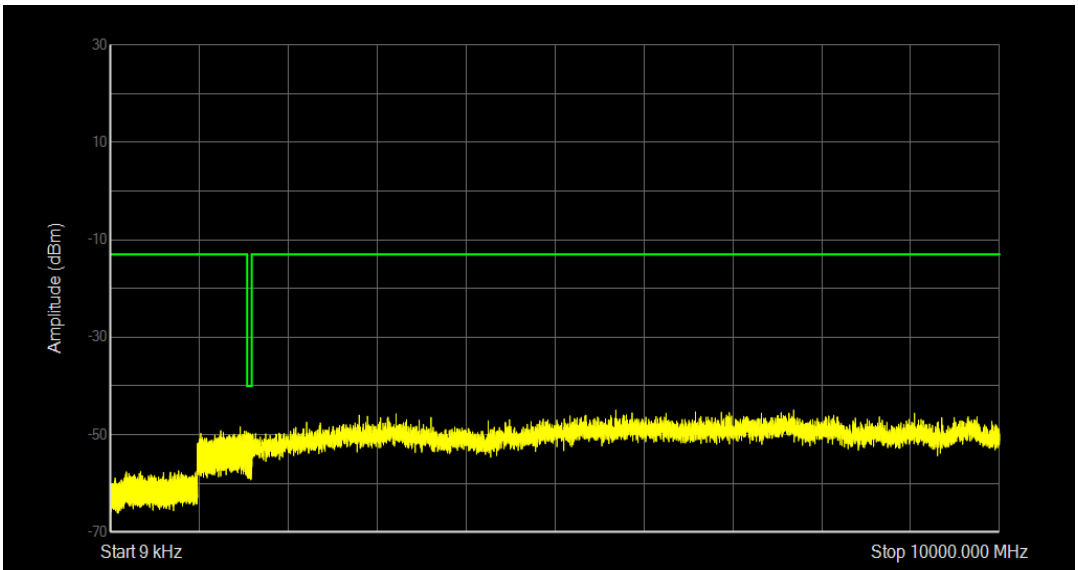
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46	-13
2	0.15	30	10	0.152985	-50.23	-13
3	30	1000	100	726.751	-57.12	-13
4	1000	1559	1000	1509.249	-48.97	-13
5	1559	1610	1000	1559.0714	-49.81	-40
6	1610	10000	1000	6227.017	-44.77	-13

Band13 QAM16 BW=5MHz Channel=23255 RB Size=1 Position=#0



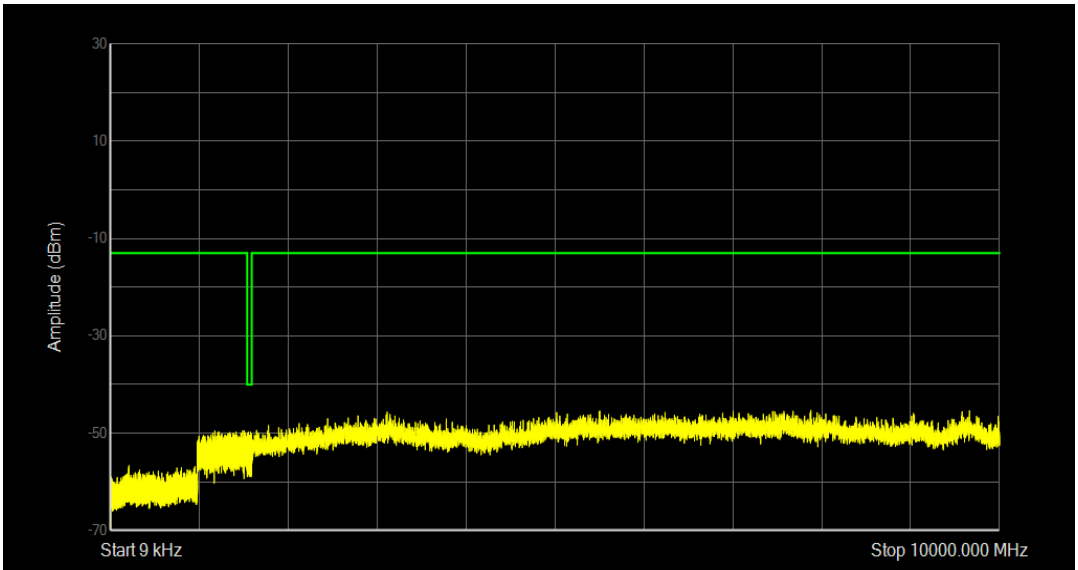
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104946	-45.2	-13
2	0.15	30	10	0.15	-51	-13
3	30	1000	100	925.601	-56.32	-13
4	1000	1559	1000	1281.7919	-48.66	-13
5	1559	1610	1000	1607.3684	-47.94	-40
6	1610	10000	1000	6107.879	-44.75	-13

Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



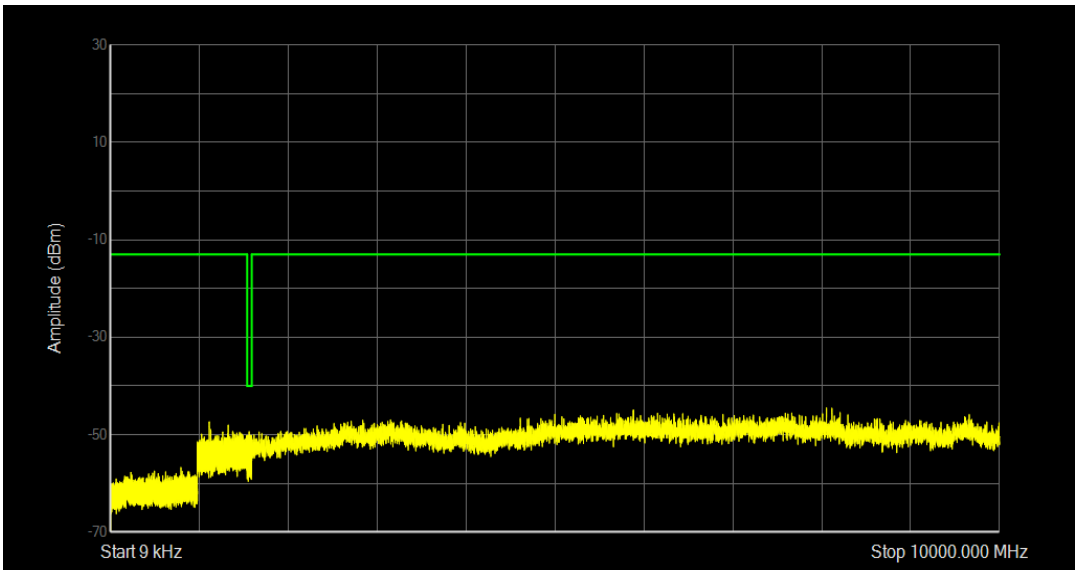
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107343	-45.43	-13
2	0.15	30	10	0.170895	-49.41	-13
3	30	1000	100	993.986	-57.5	-13
4	1000	1559	1000	1481.4108	-48.41	-13
5	1559	1610	1000	1568.1188	-49.61	-40
6	1610	10000	1000	7690.233	-44.93	-13

Band13 QPSK BW=5MHz Channel=23255 RB Size=1 Position=#0



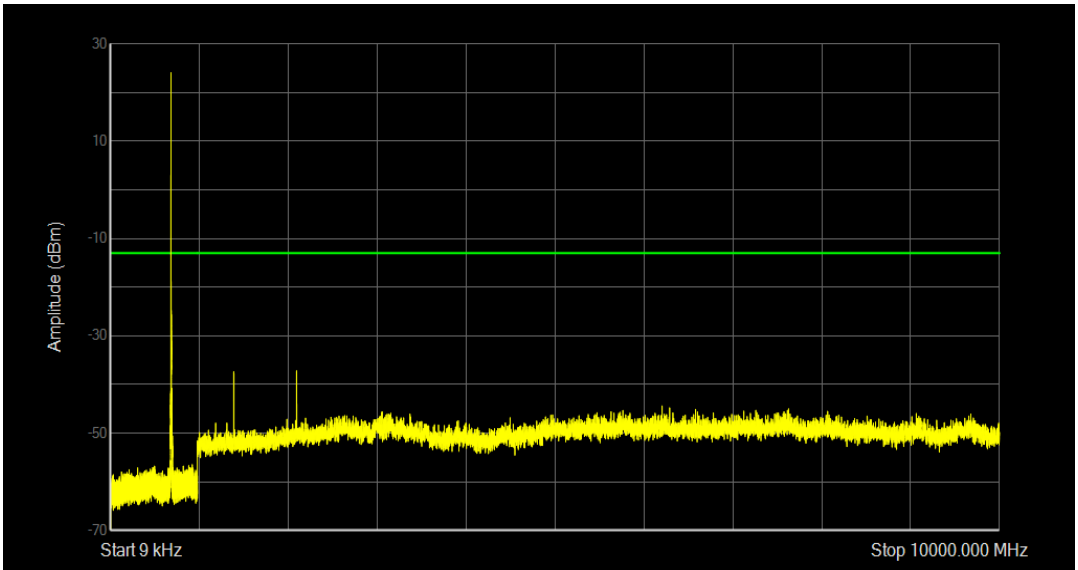
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097332	-46.2	-13
2	0.15	30	10	0.15	-48.86	-13
3	30	1000	100	232.148	-56.68	-13
4	1000	1559	1000	1528.3109	-49.52	-13
5	1559	1610	1000	1571.8724	-49.8	-40
6	1610	10000	1000	7882.364	-45.31	-13

Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



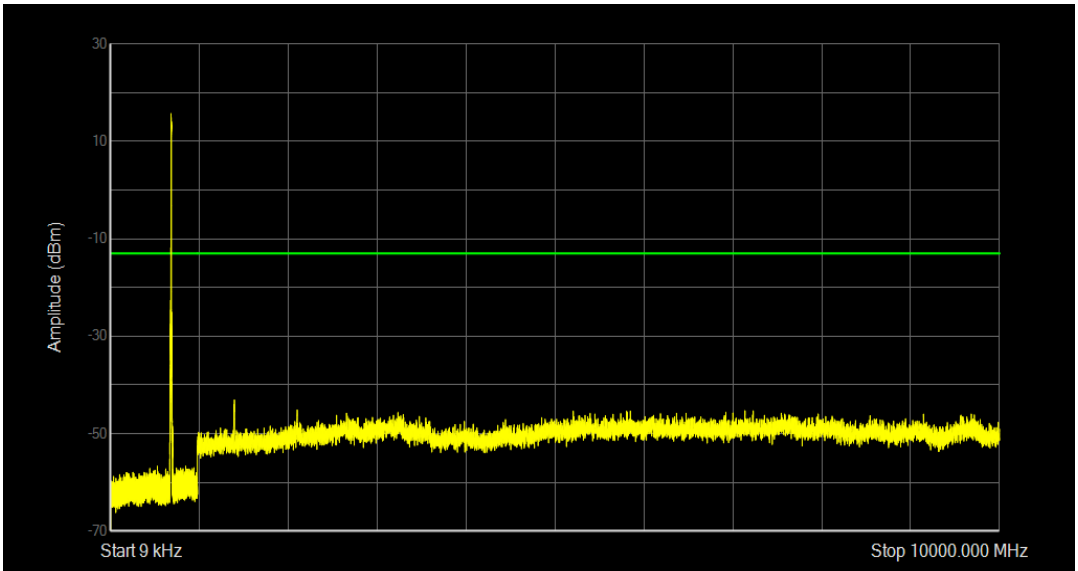
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103395	-44.38	-13
2	0.15	30	10	0.16791	-47.15	-13
3	30	1000	100	815.894	-56.73	-13
4	1000	1559	1000	1134.0482	-47.36	-13
5	1559	1610	1000	1581.0473	-49.38	-40
6	1610	10000	1000	8057.715	-44.5	-13

Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0



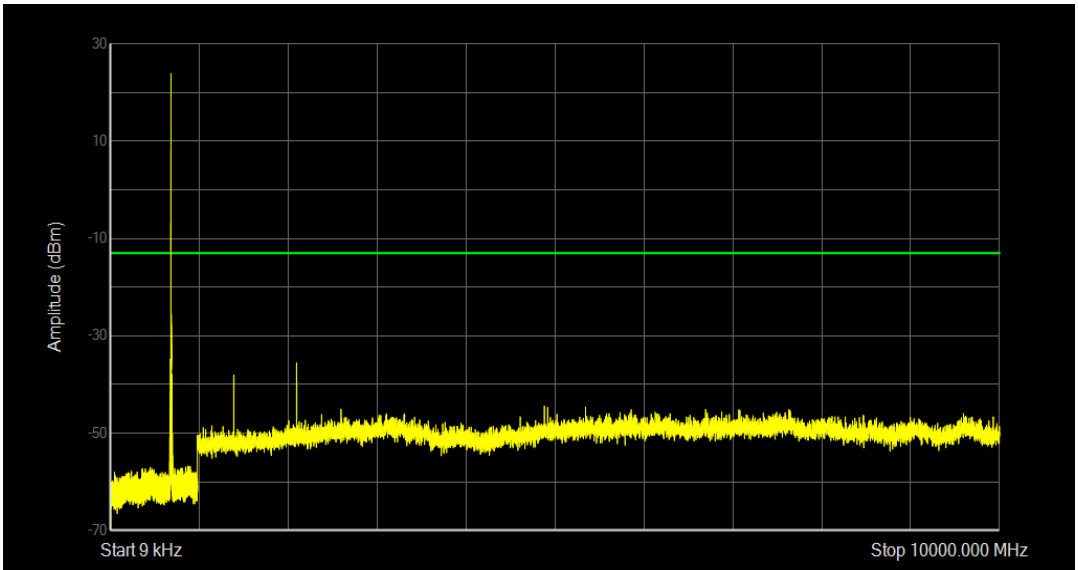
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010269	-45.26	-13
2	0.15	30	10	0.16791	-48.16	-13
3	30	1000	100	942.673	-56.48	-13
4	1000	10000	1000	2113.3	-37.19	-13

Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



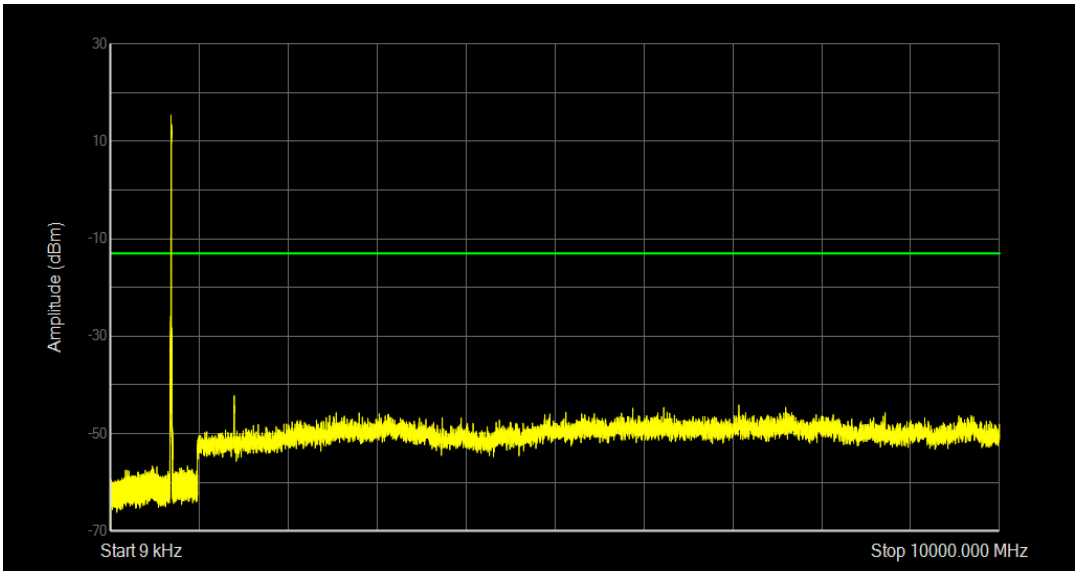
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0114534	-47.7	-13
2	0.15	30	10	0.152985	-48.24	-13
3	30	1000	100	552.151	-56.69	-13
4	1000	10000	1000	1415.8	-43.07	-13

Band17 QAM16 BW=5MHz Channel=23755 RB Size=1 Position=#0



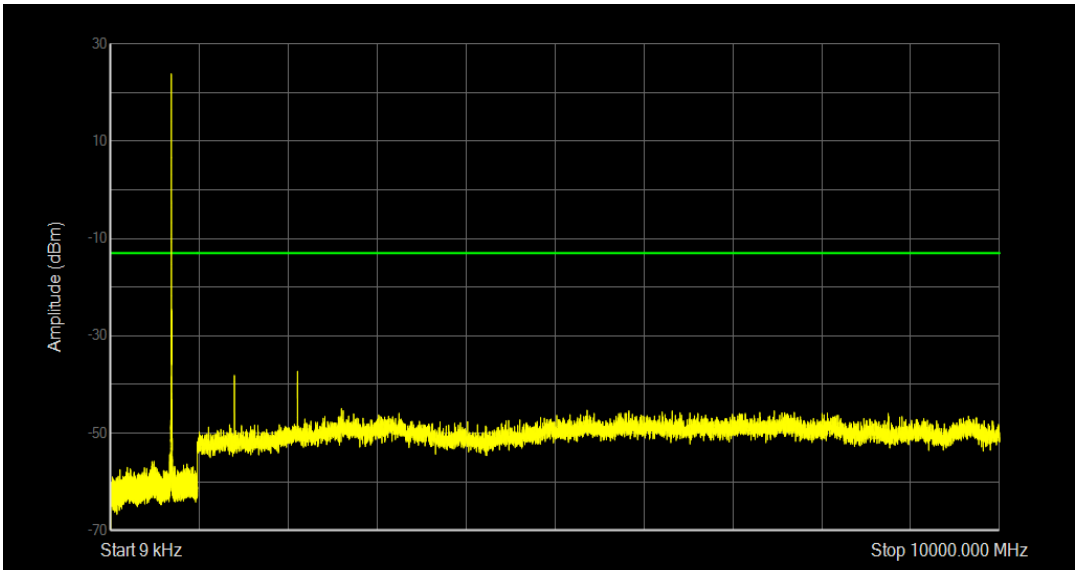
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0113406	-46.77	-13
2	0.15	30	10	0.15	-49.51	-13
3	30	1000	100	895.046	-56.77	-13
4	1000	10000	1000	2113.3	-35.58	-13

Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



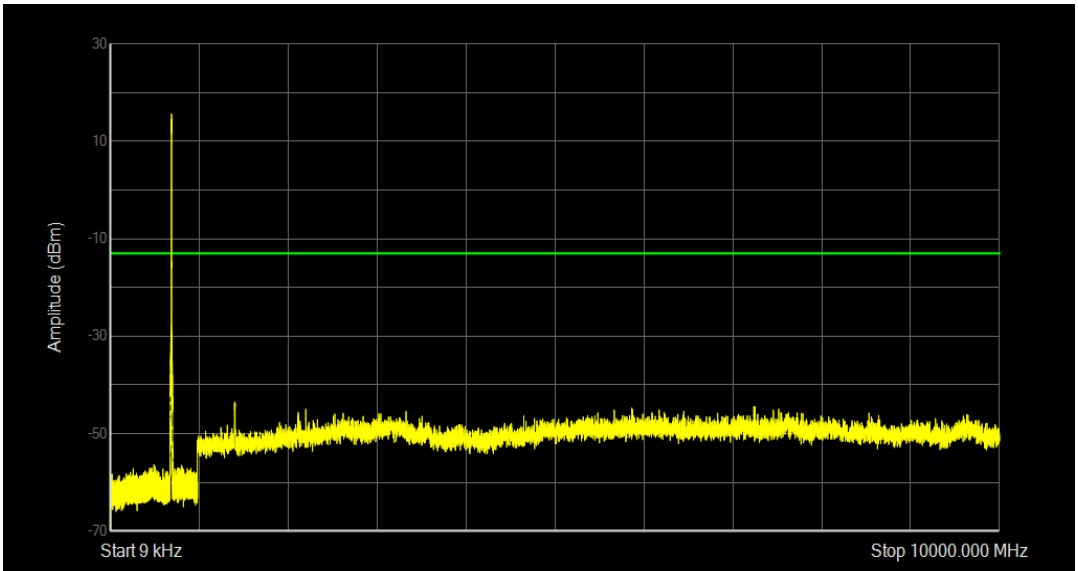
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103254	-47.39	-13
2	0.15	30	10	0.182835	-50.82	-13
3	30	1000	100	889.808	-56.66	-13
4	1000	10000	1000	1414	-42.23	-13

Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



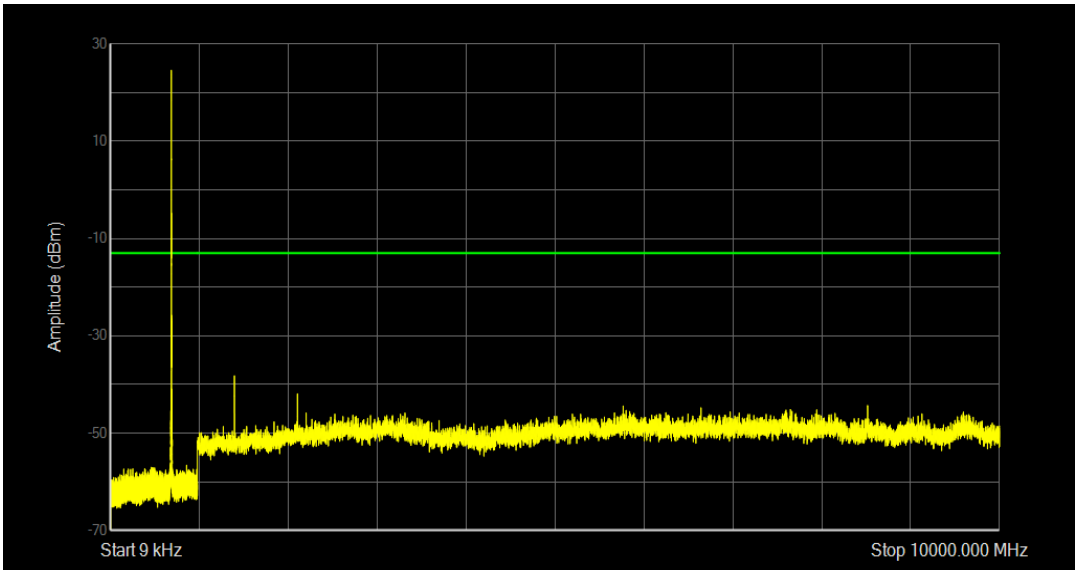
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0123558	-46.94	-13
2	0.15	30	10	0.164925	-50.77	-13
3	30	1000	100	514.224	-55.8	-13
4	1000	10000	1000	2124.1	-37.28	-13

Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



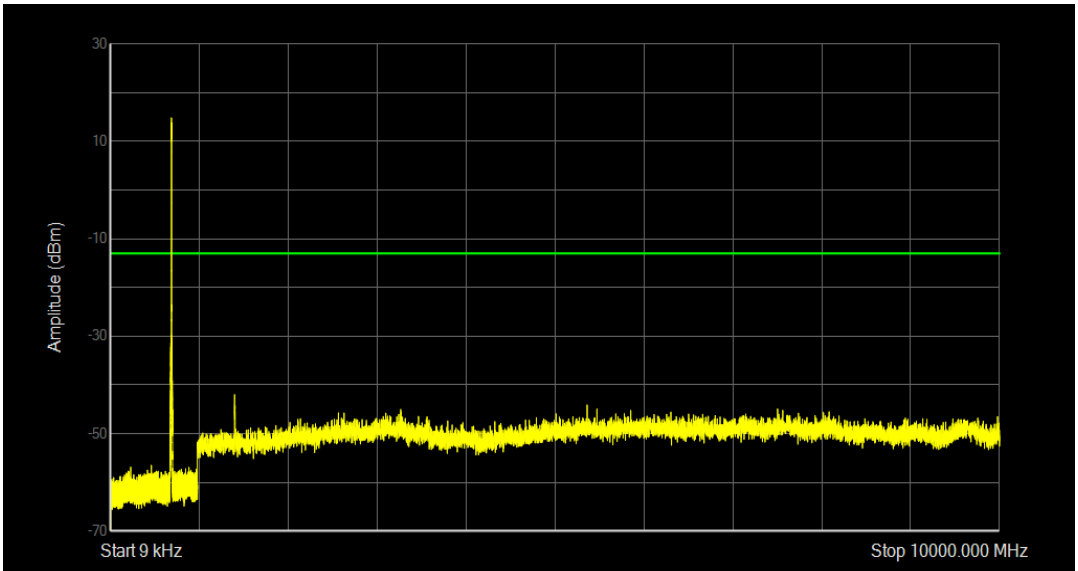
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095358	-46.2	-13
2	0.15	30	10	0.152985	-50.63	-13
3	30	1000	100	513.933	-56.38	-13
4	1000	10000	1000	1420.3	-43.47	-13

Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



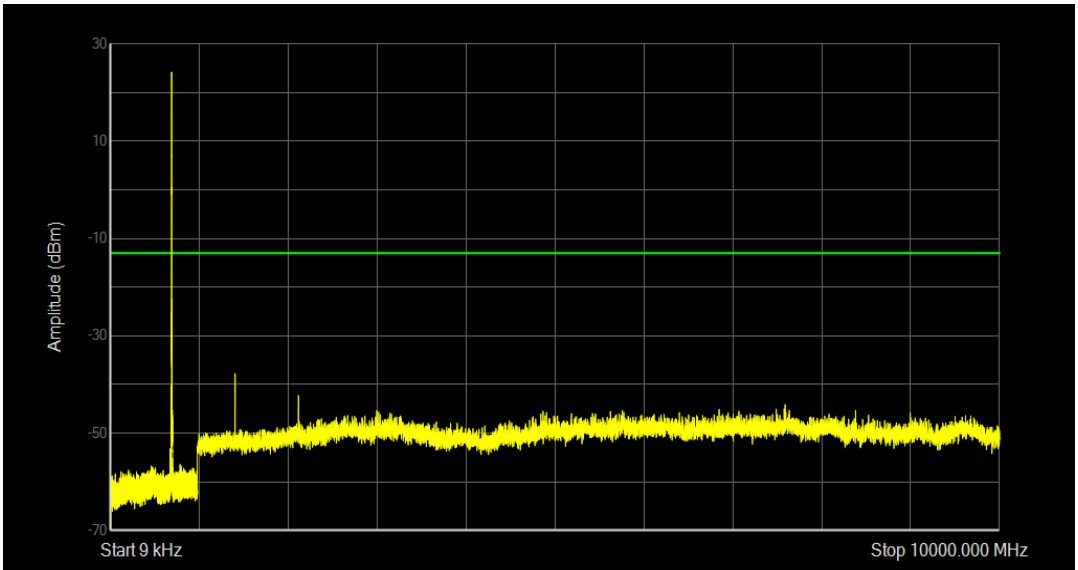
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0112137	-47.43	-13
2	0.15	30	10	0.15	-49.77	-13
3	30	1000	100	880.011	-56.59	-13
4	1000	10000	1000	1415.8	-38.21	-13

Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0



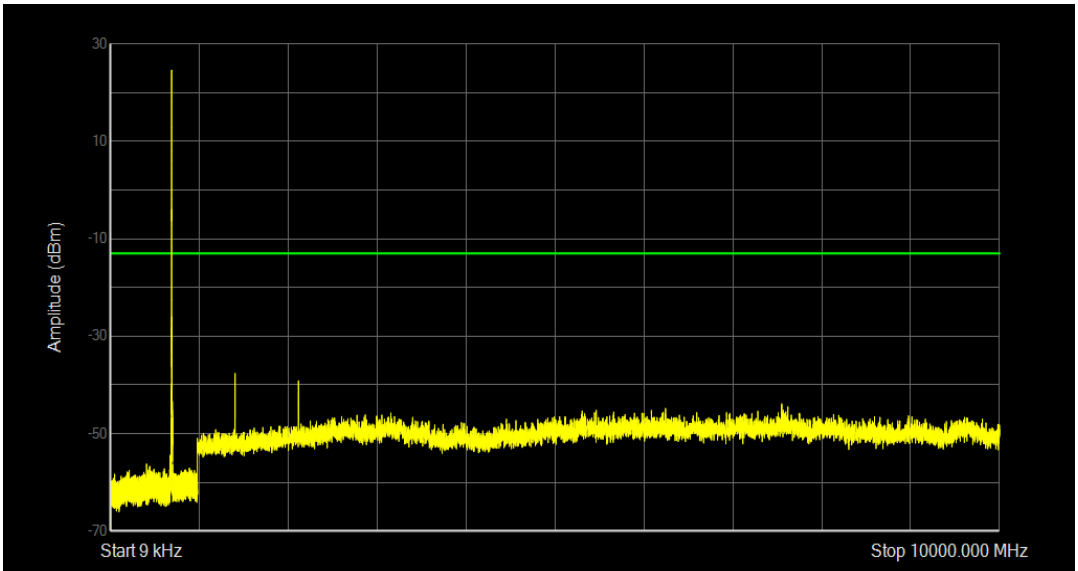
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009423	-46.94	-13
2	0.15	30	10	0.16791	-49	-13
3	30	1000	100	483.766	-56.51	-13
4	1000	10000	1000	1417.6	-42	-13

Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0



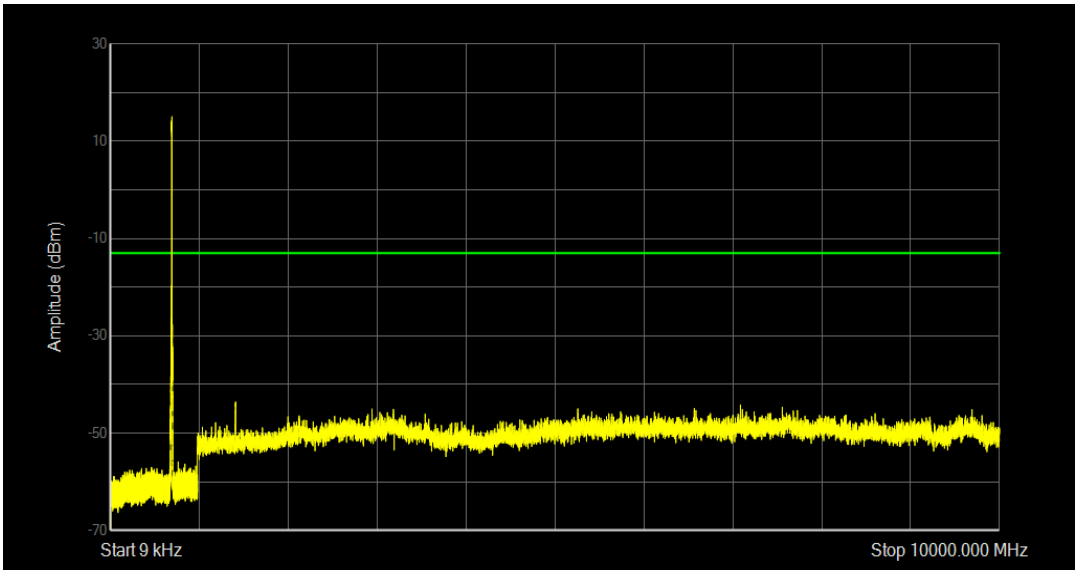
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0108894	-44.98	-13
2	0.15	30	10	0.15597	-48.55	-13
3	30	1000	100	806.194	-56.44	-13
4	1000	10000	1000	1423	-37.79	-13

Band17 QAM16 BW=5MHz Channel=23825 RB Size=1 Position=#0



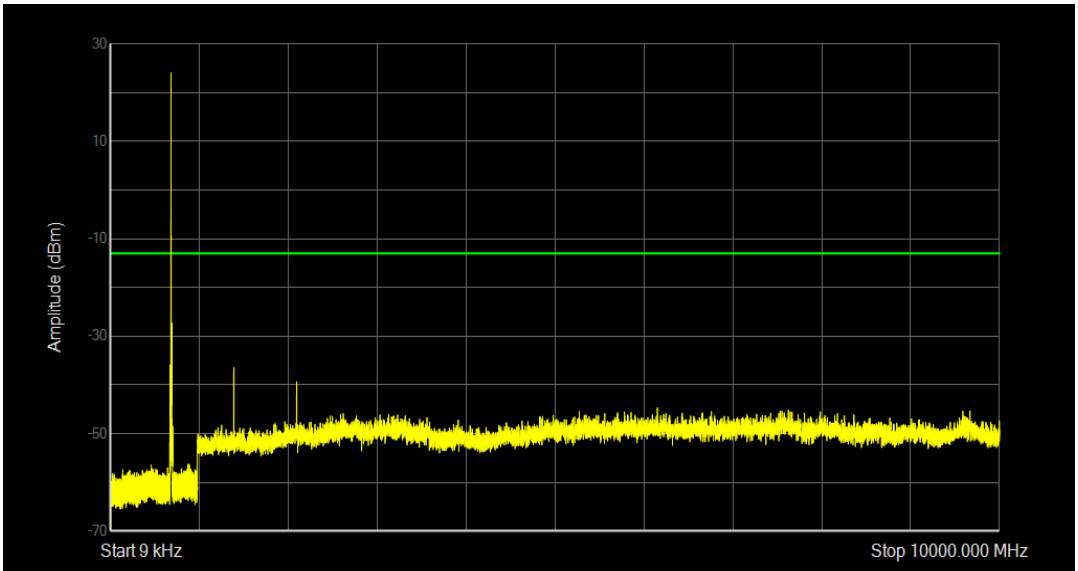
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.83	-13
2	0.15	30	10	0.164925	-50.64	-13
3	30	1000	100	430.222	-56.23	-13
4	1000	10000	1000	1423	-37.63	-13

Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



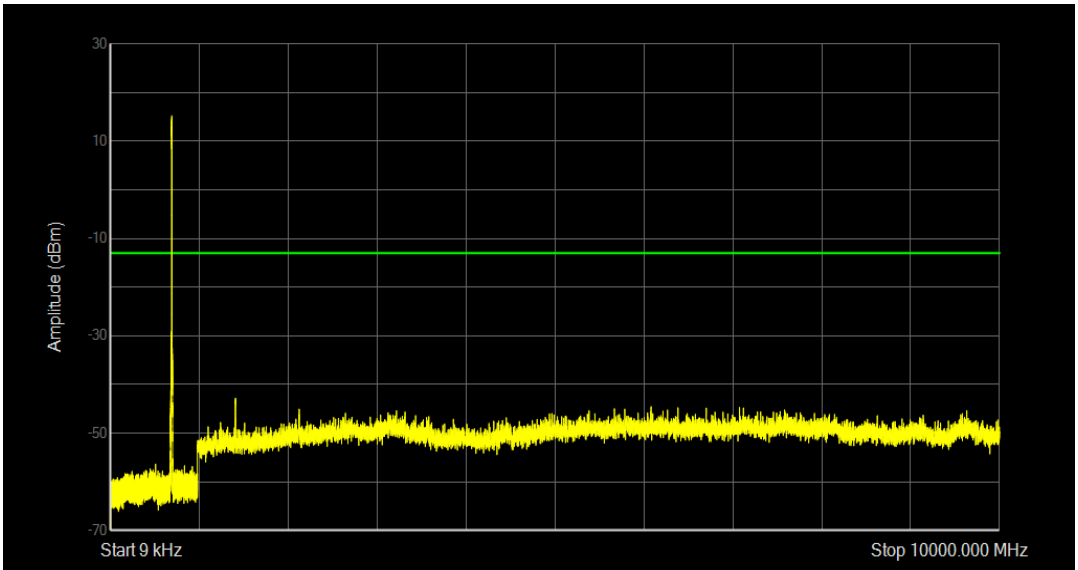
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-48.98	-13
2	0.15	30	10	0.15	-49.03	-13
3	30	1000	100	786.018	-55.91	-13
4	1000	10000	1000	1429.3	-43.57	-13

Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0



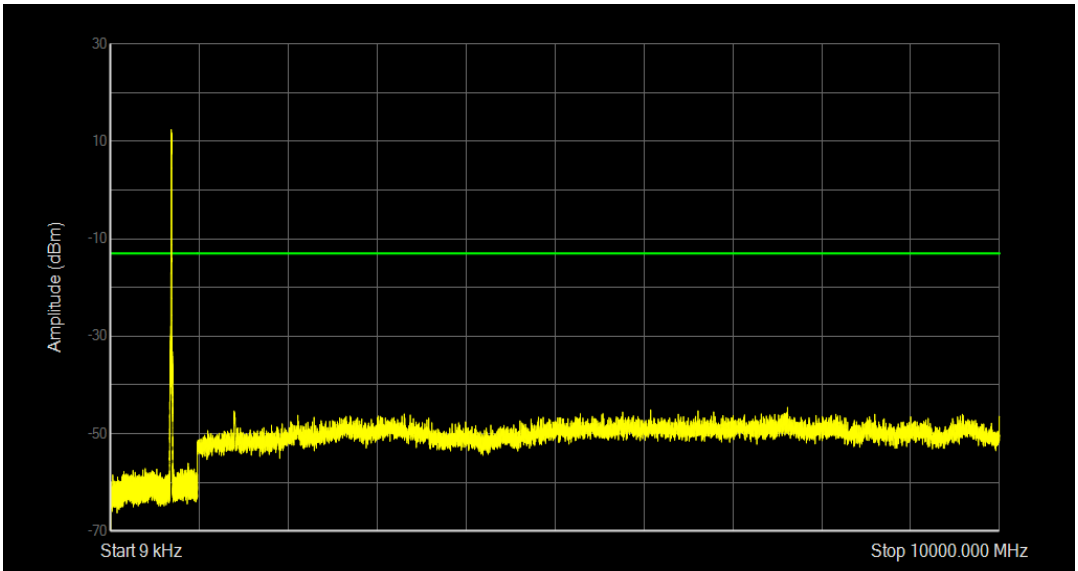
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009705	-46.32	-13
2	0.15	30	10	0.15	-50.9	-13
3	30	1000	100	901.933	-56.22	-13
4	1000	10000	1000	1409.5	-36.46	-13

Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



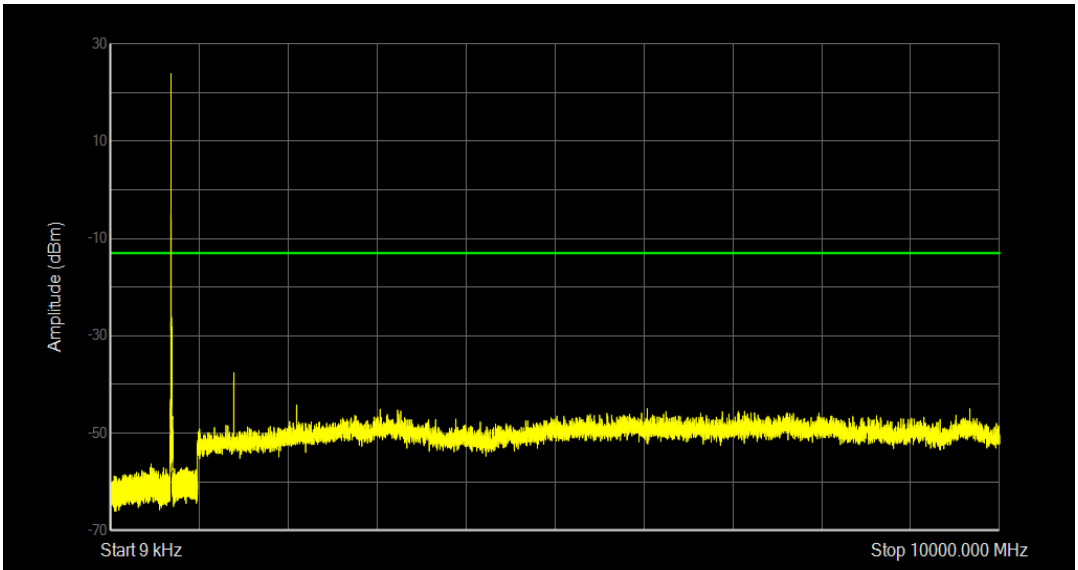
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0118341	-46.06	-13
2	0.15	30	10	0.15	-48.52	-13
3	30	1000	100	531.102	-56.37	-13
4	1000	10000	1000	1428.4	-42.81	-13

Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



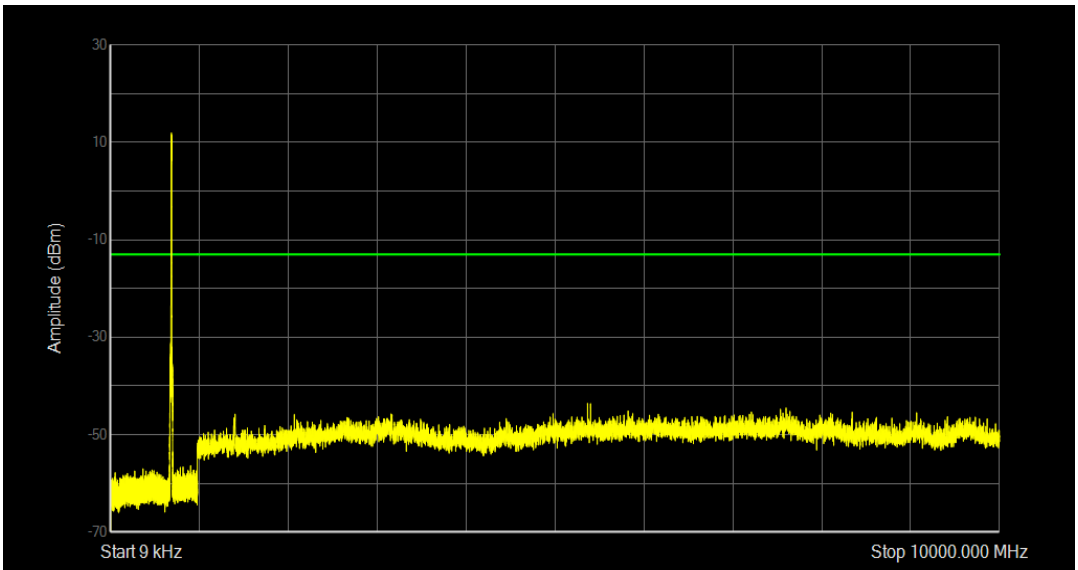
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092961	-46.51	-13
2	0.15	30	10	0.158955	-49.81	-13
3	30	1000	100	896.501	-56.07	-13
4	1000	10000	1000	7621.3	-44.61	-13

Band17 QAM16 BW=10MHz Channel=23780 RB Size=1 Position=#0



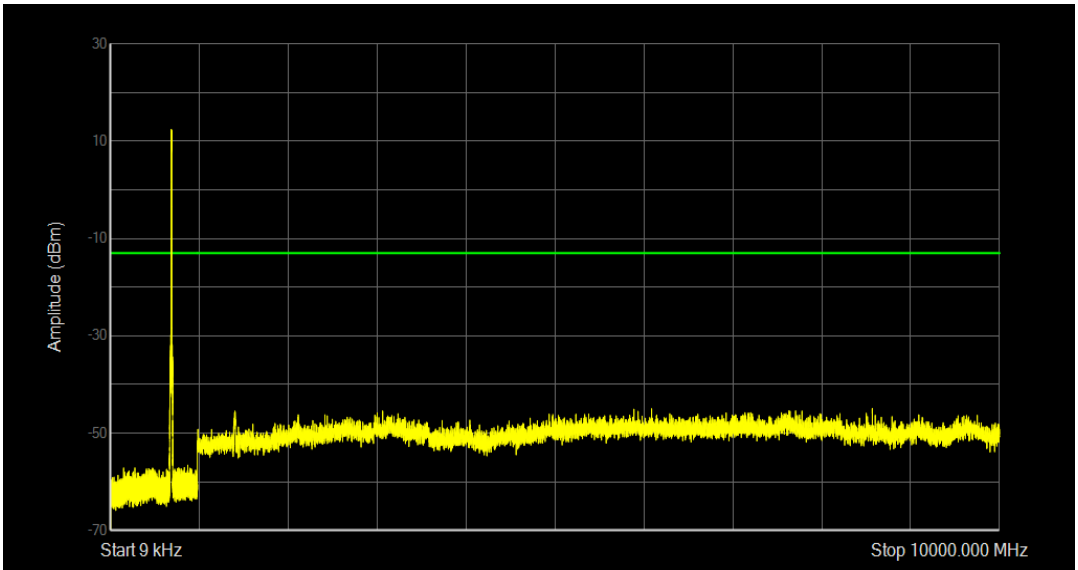
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0108048	-47.44	-13
2	0.15	30	10	0.152985	-48.31	-13
3	30	1000	100	481.147	-56.32	-13
4	1000	10000	1000	1409.5	-37.58	-13

Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



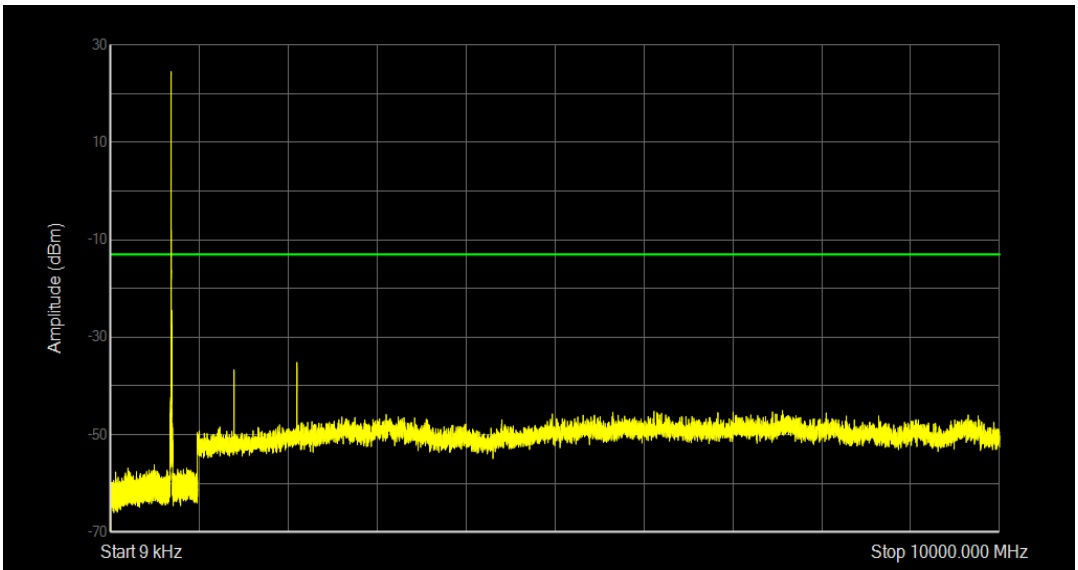
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.58	-13
2	0.15	30	10	0.15	-51.55	-13
3	30	1000	100	925.504	-56.36	-13
4	1000	10000	1000	5377.6	-43.6	-13

Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



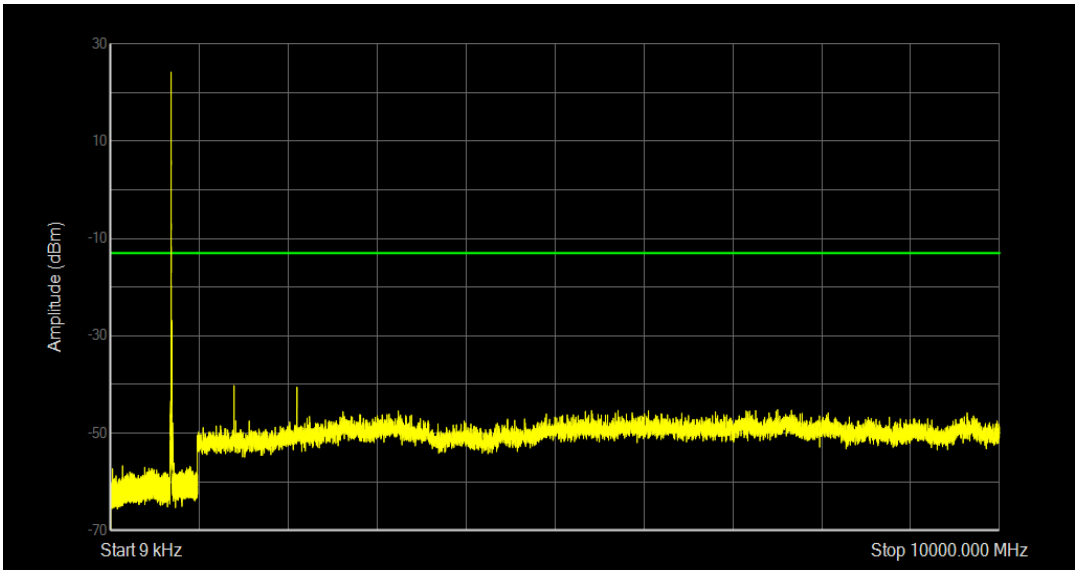
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091269	-47.15	-13
2	0.15	30	10	0.15	-49.36	-13
3	30	1000	100	892.815	-56.57	-13
4	1000	10000	1000	8571.7	-44.93	-13

Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



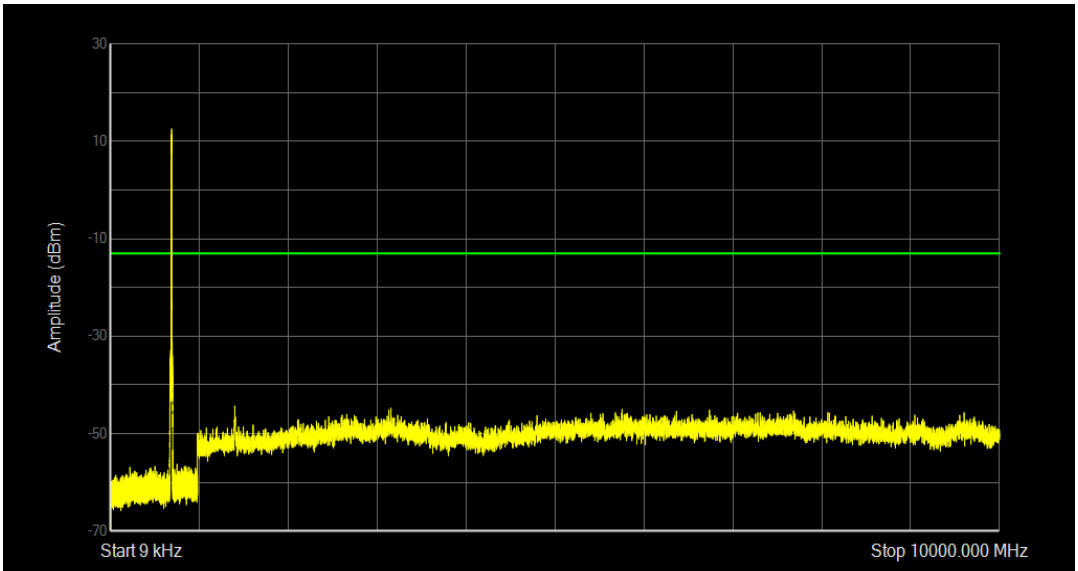
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-48.09	-13
2	0.15	30	10	0.15597	-52.2	-13
3	30	1000	100	516.94	-56.23	-13
4	1000	10000	1000	2116.9	-35.18	-13

Band17 QAM16 BW=10MHz Channel=23790 RB Size=1 Position=#0



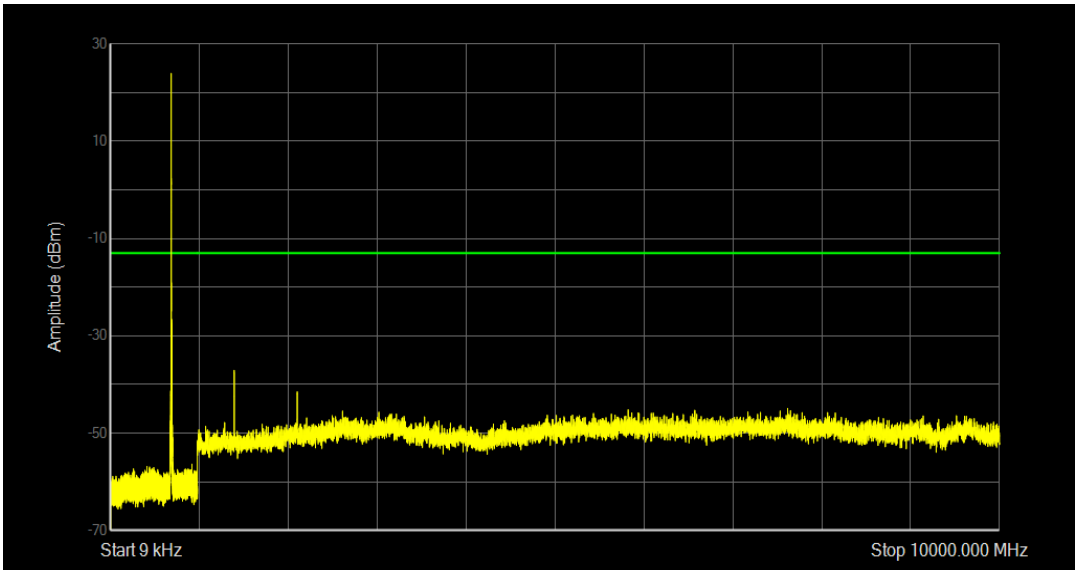
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090564	-45.49	-13
2	0.15	30	10	0.152985	-49.98	-13
3	30	1000	100	161.532	-56.72	-13
4	1000	10000	1000	1411.3	-40.23	-13

Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0



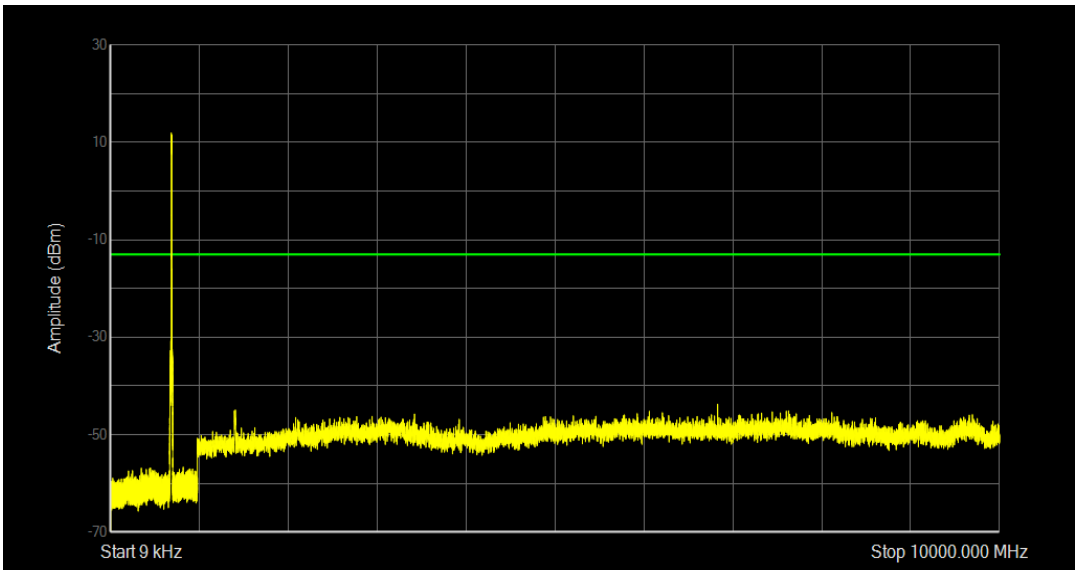
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103818	-46.8	-13
2	0.15	30	10	0.15	-50.53	-13
3	30	1000	100	772.826	-56.29	-13
4	1000	10000	1000	1419.4	-44.33	-13

Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



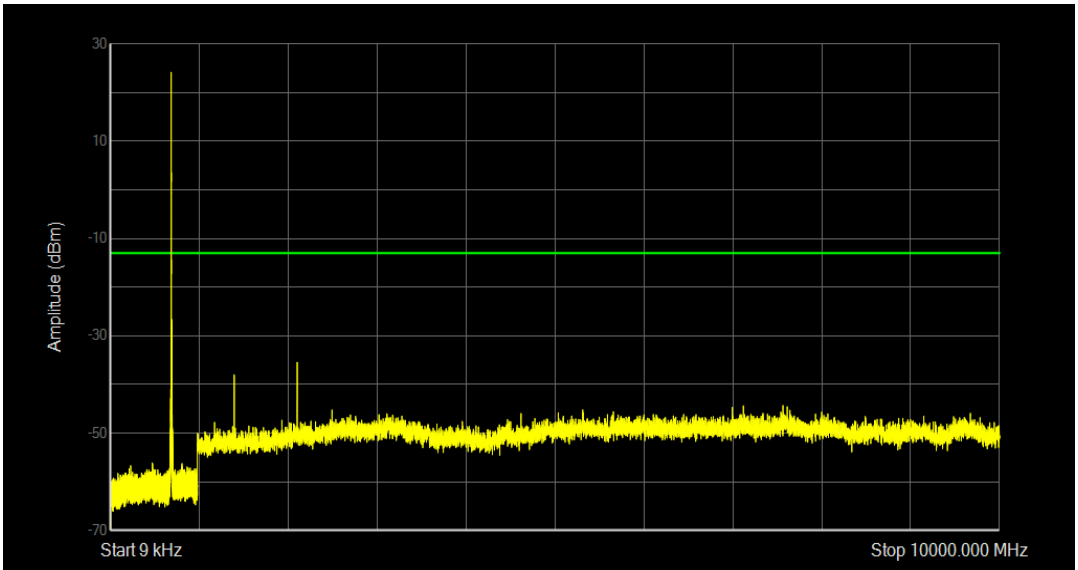
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-47.75	-13
2	0.15	30	10	0.152985	-50.06	-13
3	30	1000	100	939.763	-56.39	-13
4	1000	10000	1000	1413.1	-37.09	-13

Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



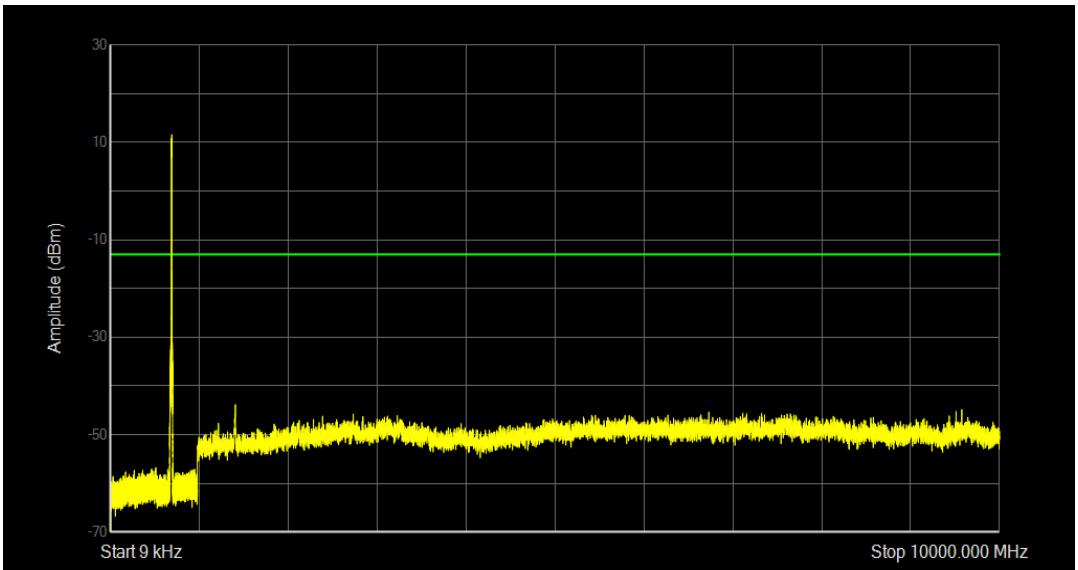
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092679	-44.5	-13
2	0.15	30	10	0.152985	-48.97	-13
3	30	1000	100	841.114	-56.69	-13
4	1000	10000	1000	6836.5	-43.76	-13

Band17 QAM16 BW=10MHz Channel=23800 RB Size=1 Position=#0



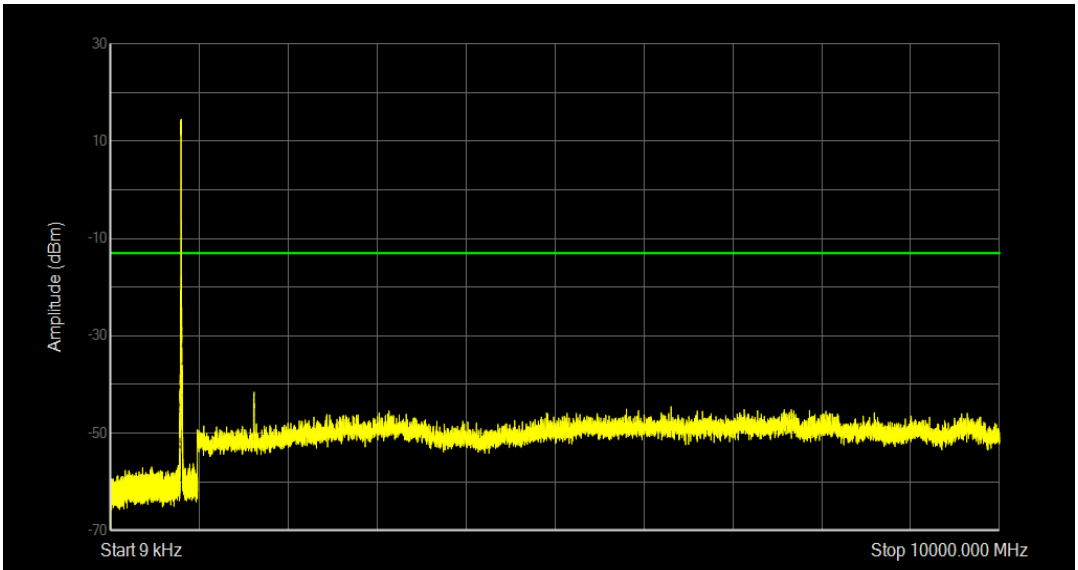
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0108471	-47.12	-13
2	0.15	30	10	0.15	-49.47	-13
3	30	1000	100	493.369	-56.12	-13
4	1000	10000	1000	2120.5	-35.46	-13

Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



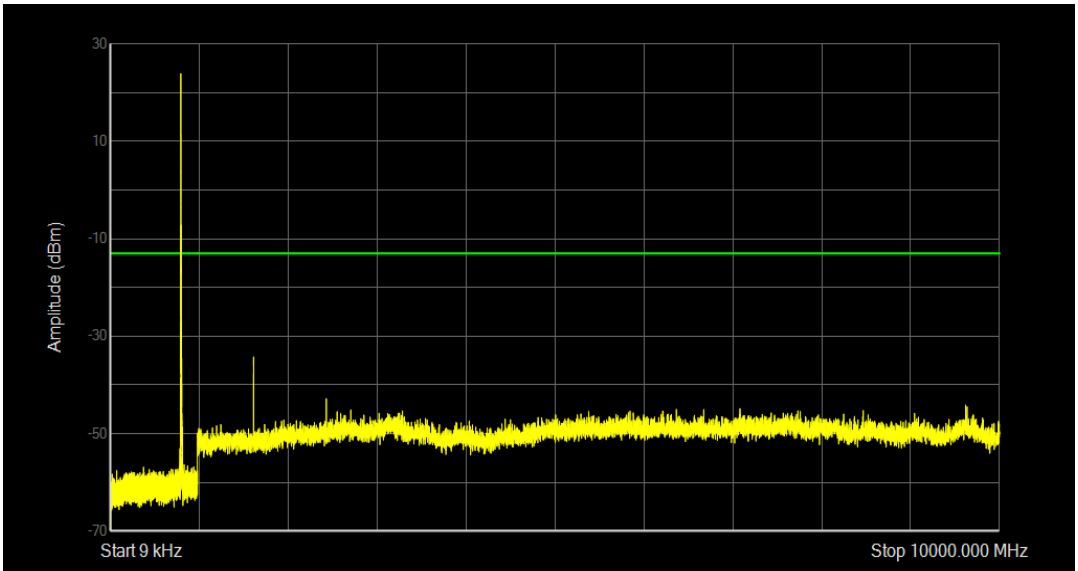
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0113124	-46.85	-13
2	0.15	30	10	0.16194	-48.44	-13
3	30	1000	100	534.982	-56.81	-13
4	1000	10000	1000	1425.7	-43.86	-13

Band18 QPSK BW=5MHz Channel=23875 RB Size=25 Position=#0



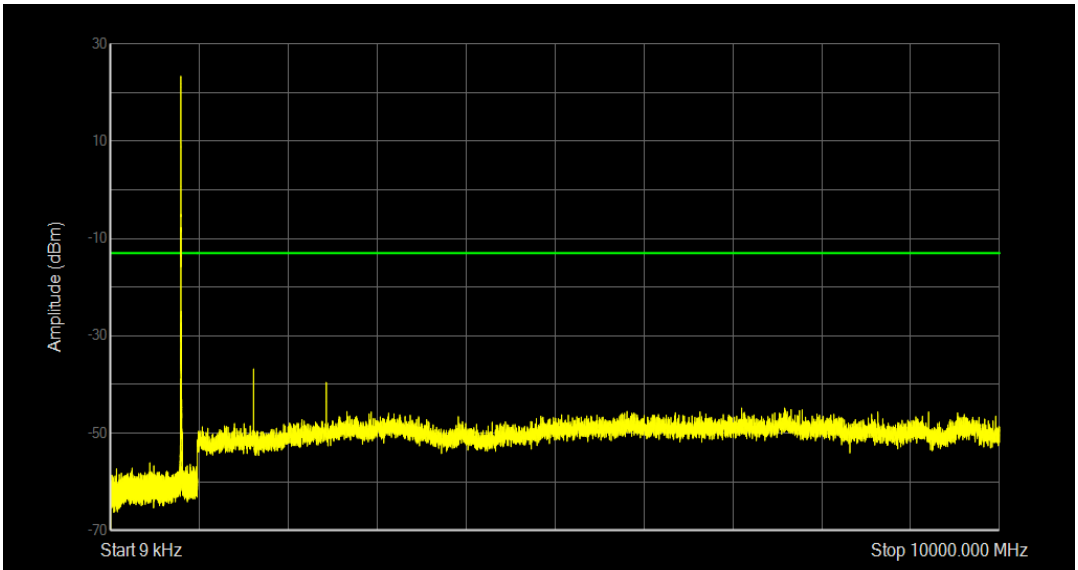
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0107061	-46.76	-13
2	0.15	30	10	0.15	-48.98	-13
3	30	1000	100	954.507	-56.26	-13
4	1000	10000	1000	1636.3	-41.59	-13

Band18 QPSK BW=5MHz Channel=23875 RB Size=1 Position=#0



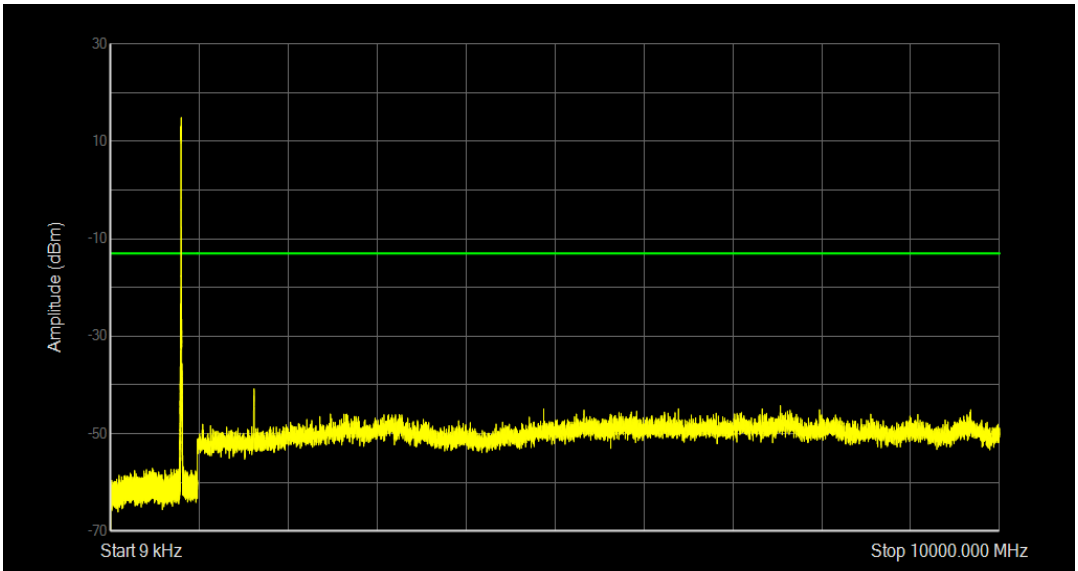
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0098178	-46.75	-13
2	0.15	30	10	0.16194	-49.98	-13
3	30	1000	100	850.911	-56.36	-13
4	1000	10000	1000	1630.9	-34.27	-13

Band18 QAM16 BW=5MHz Channel=23875 RB Size=1 Position=#0



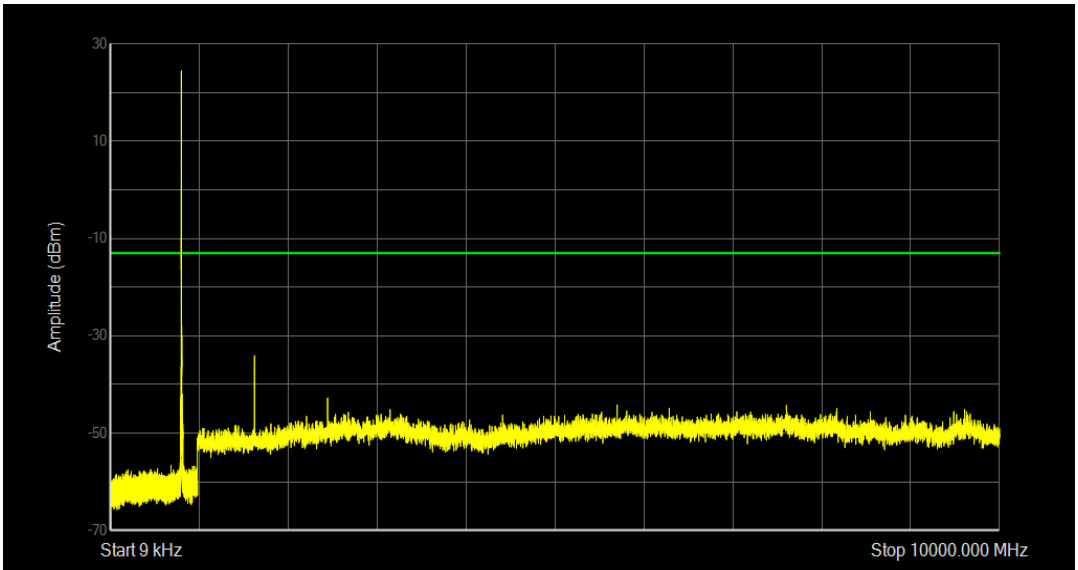
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0117918	-45.32	-13
2	0.15	30	10	0.15	-47.84	-13
3	30	1000	100	467.373	-56.09	-13
4	1000	10000	1000	1630.9	-36.81	-13

Band18 QAM16 BW=5MHz Channel=23875 RB Size=25 Position=#0



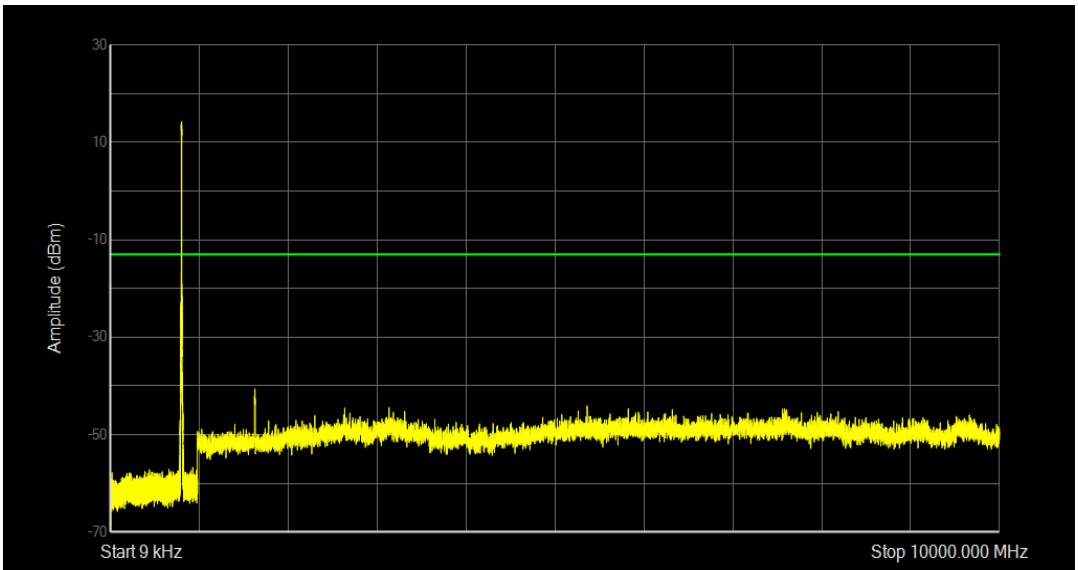
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092538	-47.35	-13
2	0.15	30	10	0.170895	-49.55	-13
3	30	1000	100	496.57	-57.12	-13
4	1000	10000	1000	1636.3	-40.83	-13

Band18 QPSK BW=5MHz Channel=23925 RB Size=1 Position=#0



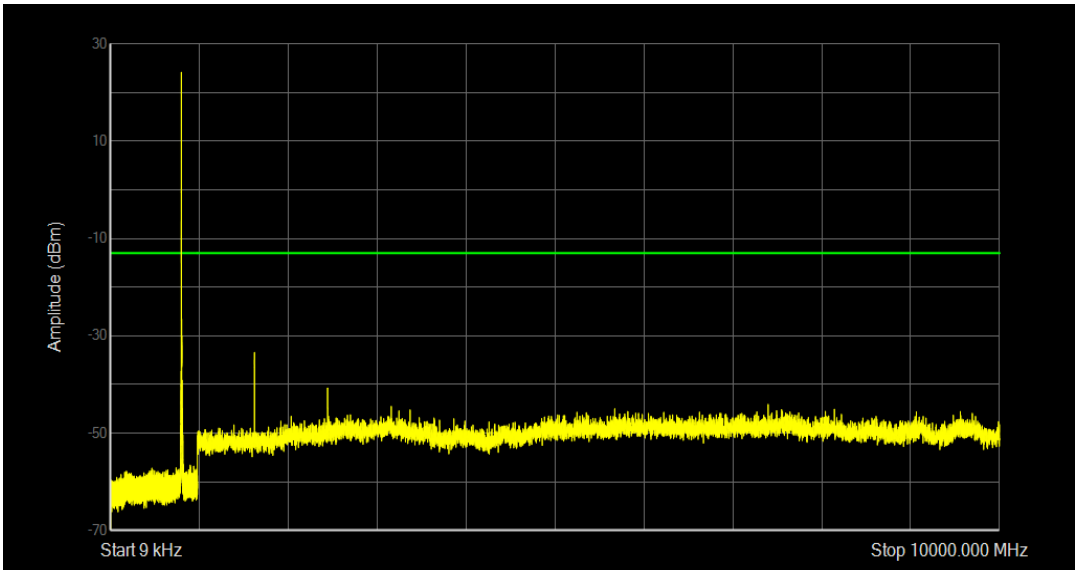
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0122712	-45.64	-13
2	0.15	30	10	0.15	-50	-13
3	30	1000	100	704.538	-56.64	-13
4	1000	10000	1000	1640.8	-34.08	-13

Band18 QPSK BW=5MHz Channel=23925 RB Size=25 Position=#0



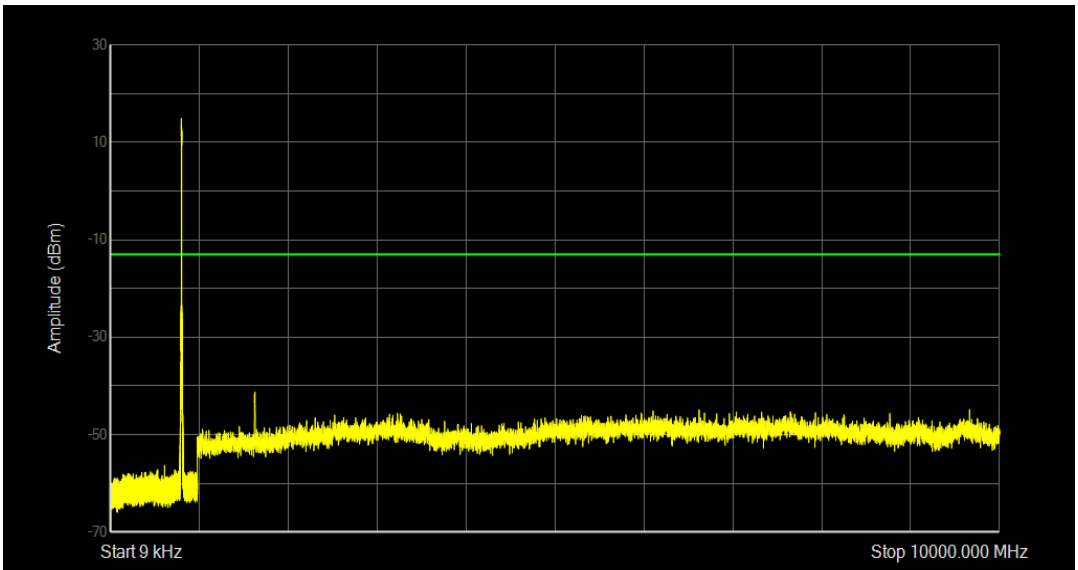
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009282	-45.09	-13
2	0.15	30	10	0.15	-48.98	-13
3	30	1000	100	949.172	-56.74	-13
4	1000	10000	1000	1645.3	-40.64	-13

Band18 QAM16 BW=5MHz Channel=23925 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	0.0102267	-45.98	-13
2	0.15	30	10	0.152985	-49.72	-13
3	30	1000	100	920.363	-56.58	-13
4	1000	10000	1000	1640.8	-33.42	-13

Band18 QAM16 BW=5MHz Channel=23925 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	0.0092538	-47.46	-13
2	0.15	30	10	0.152985	-50.08	-13
3	30	1000	100	632.855	-56.31	-13
4	1000	10000	1000	1645.3	-41.29	-13