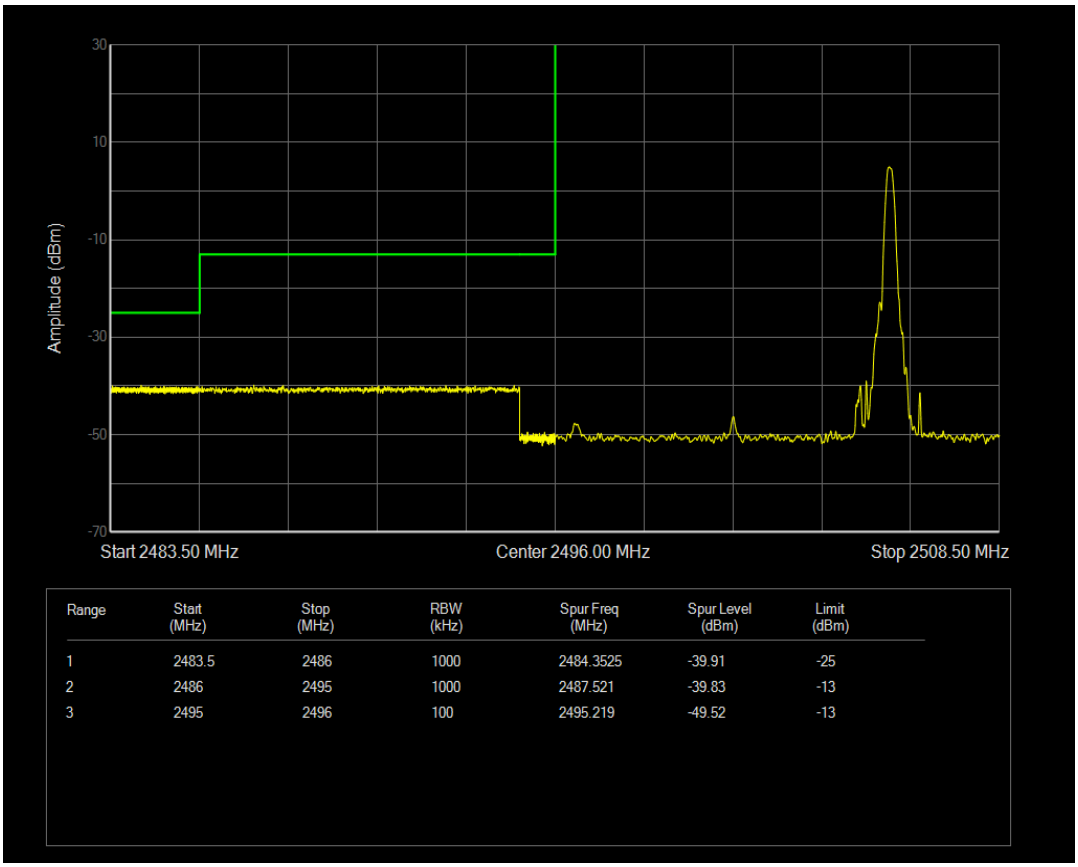
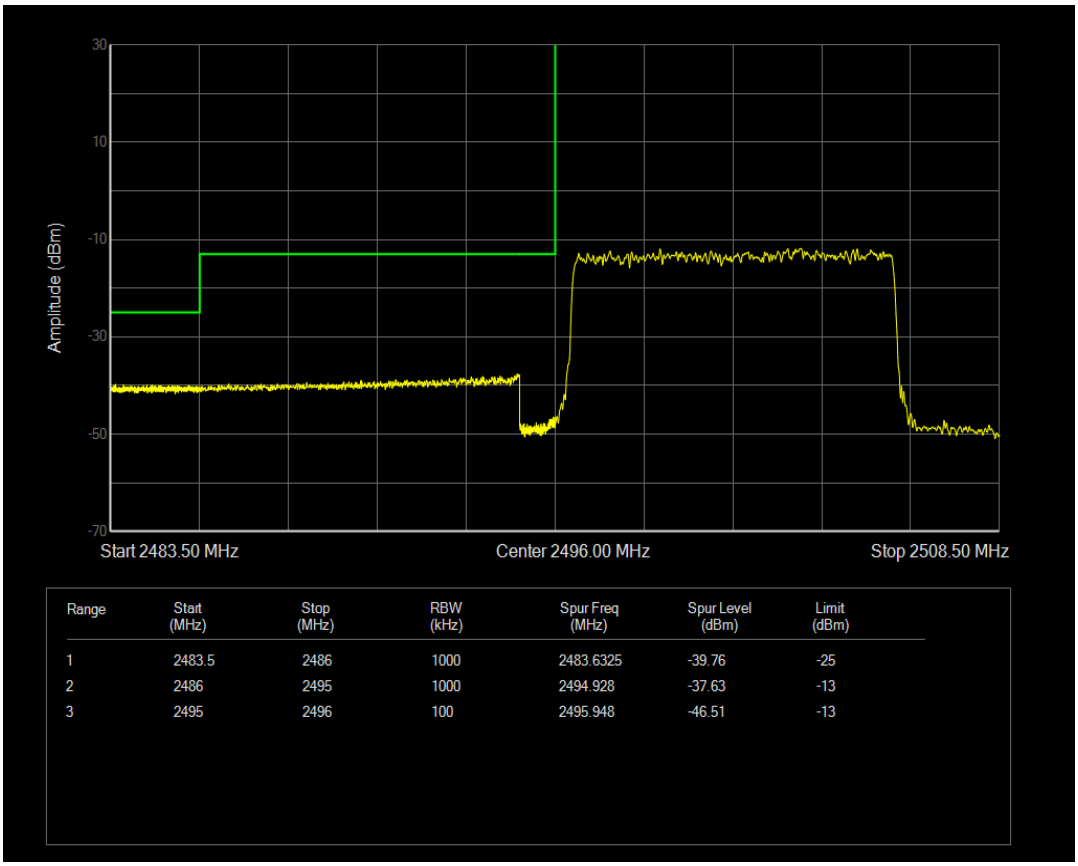


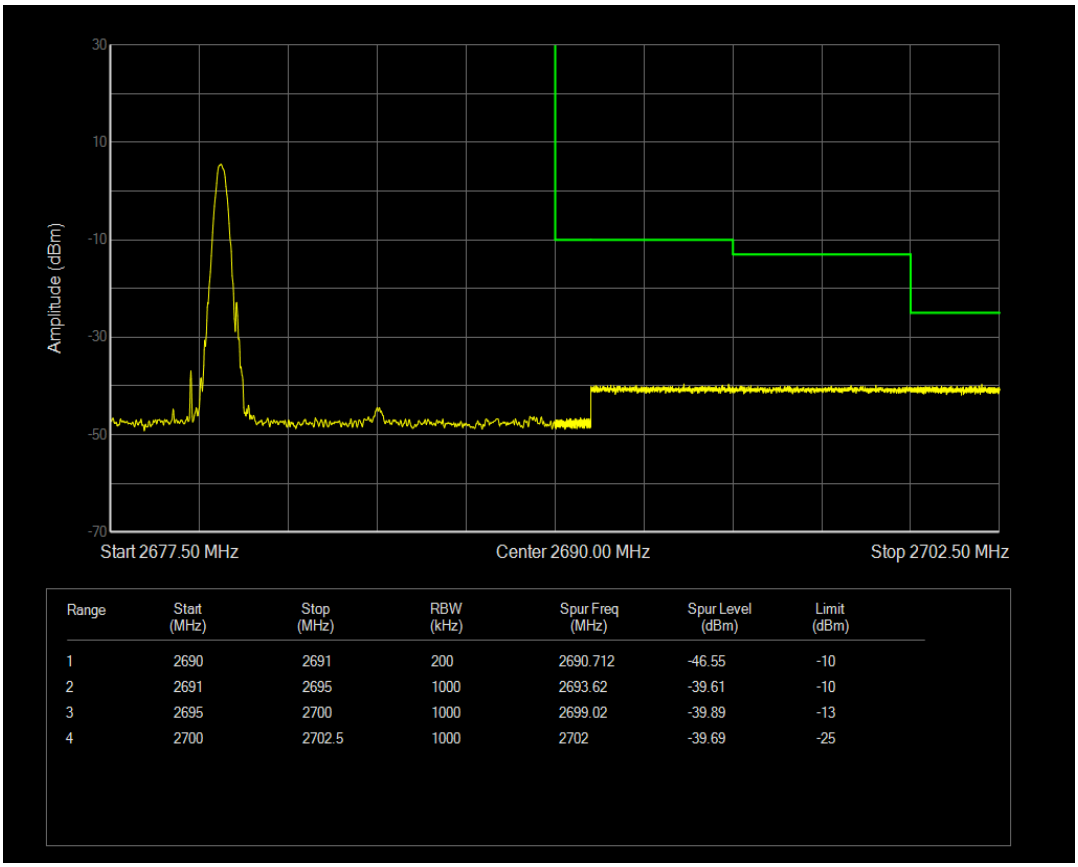
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2483.5	2486	1000	2484.3525	-39.91	-25
2	2486	2495	1000	2487.521	-39.83	-13
3	2495	2496	100	2495.219	-49.52	-13

Band41 QAM16 BW=10MHz Channel=39700 RB Size=50 Position=#0



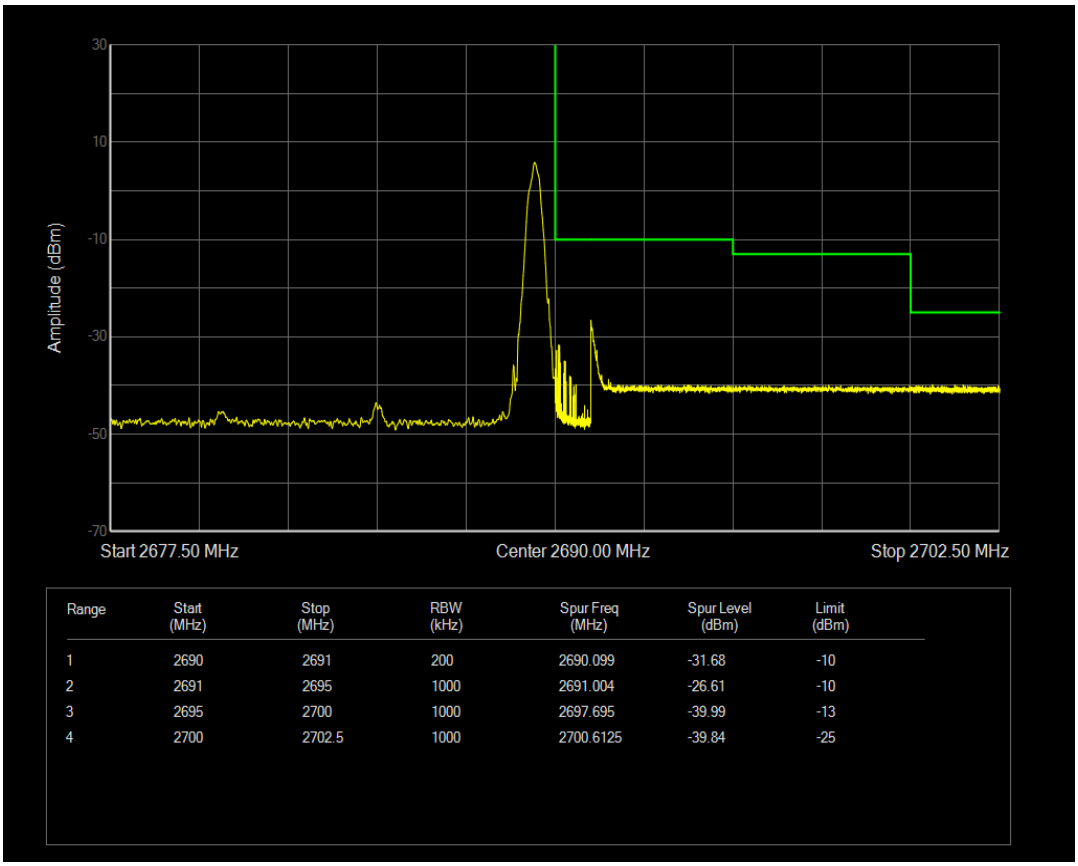
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2483.5	2486	1000	2483.6325	-39.76	-25
2	2486	2495	1000	2494.928	-37.63	-13
3	2495	2496	100	2495.948	-46.51	-13

Band41 QAM16 BW=10MHz Channel=41540 RB Size=1 Position=#0



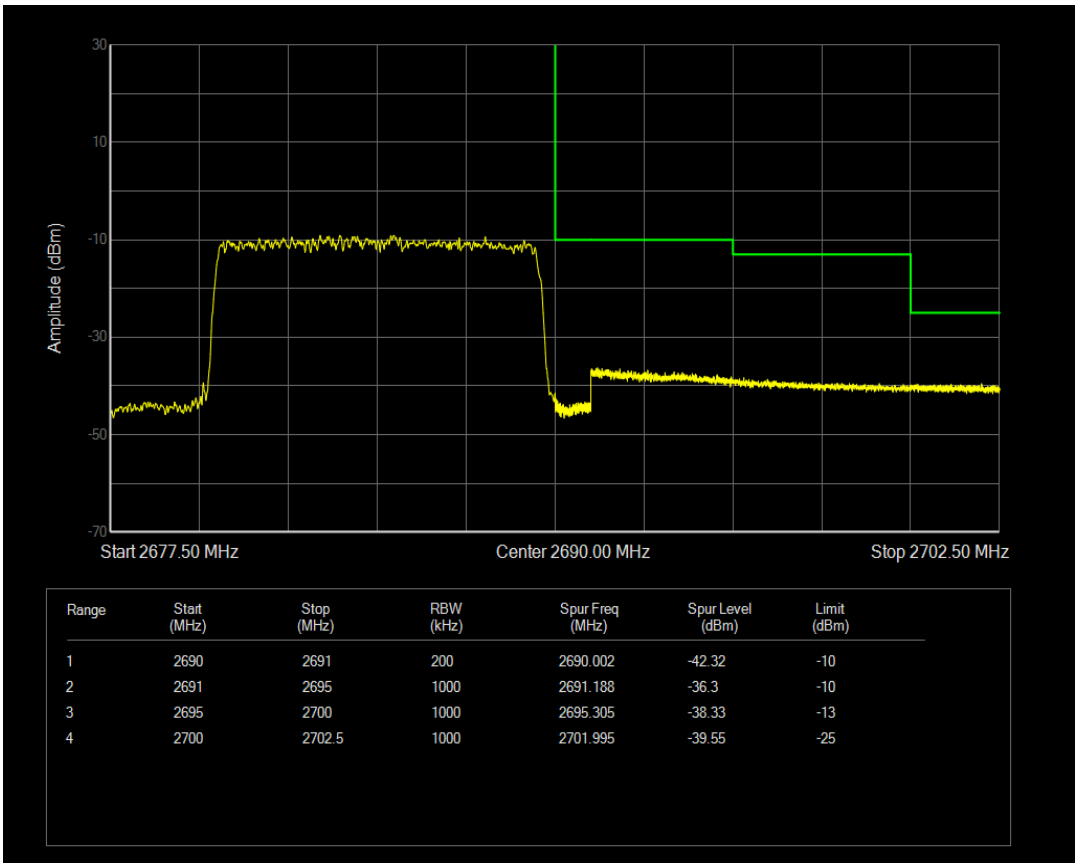
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	200	2690.712	-46.55	-10
2	2691	2695	1000	2693.62	-39.61	-10
3	2695	2700	1000	2699.02	-39.89	-13
4	2700	2702.5	1000	2702	-39.69	-25

Band41 QAM16 BW=10MHz Channel=41540 RB Size=1 Position=#Max



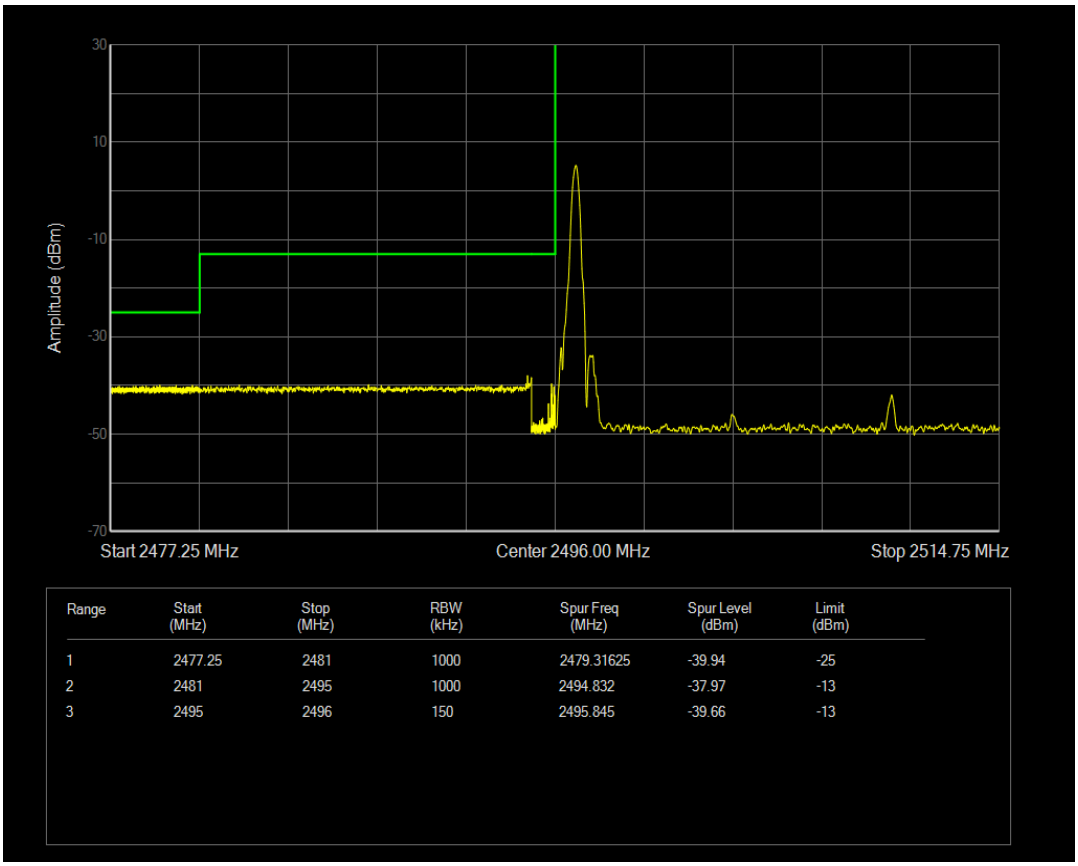
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	200	2690.099	-31.68	-10
2	2691	2695	1000	2691.004	-26.61	-10
3	2695	2700	1000	2697.695	-39.99	-13
4	2700	2702.5	1000	2700.6125	-39.84	-25

Band41 QAM16 BW=10MHz Channel=41540 RB Size=50 Position=#0



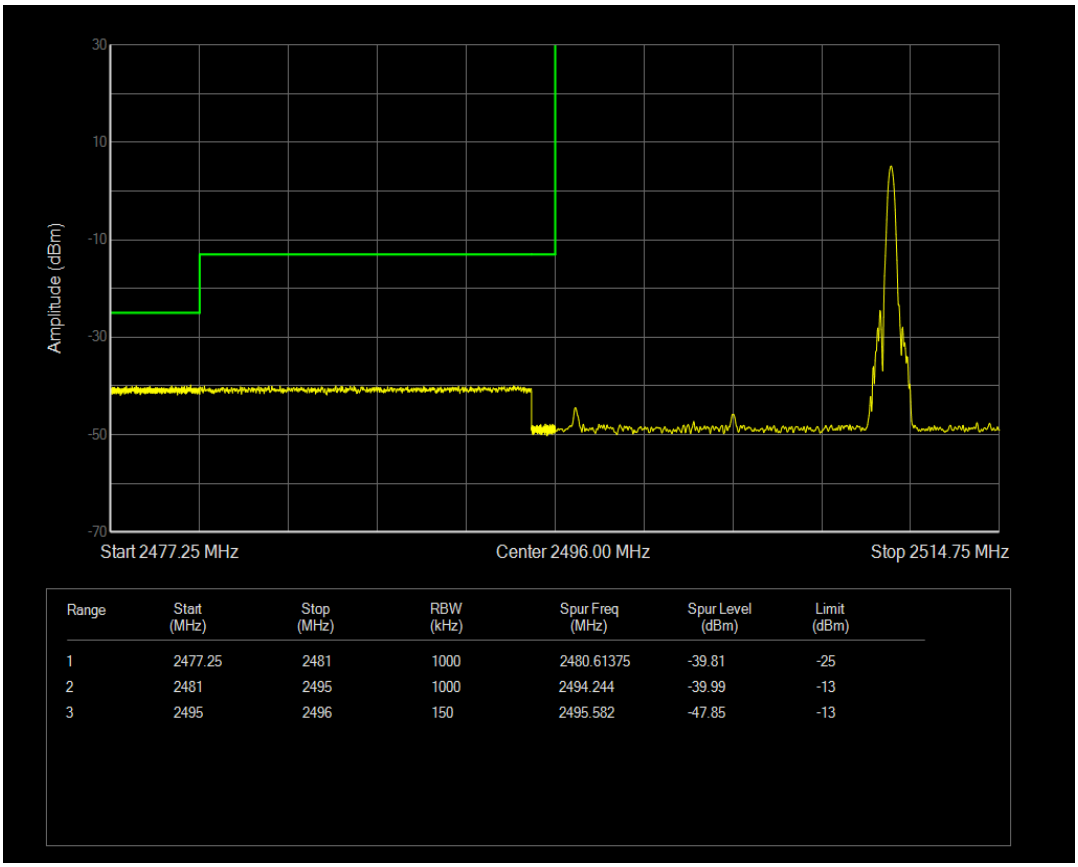
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	200	2690.002	-42.32	-10
2	2691	2695	1000	2691.188	-36.3	-10
3	2695	2700	1000	2695.305	-38.33	-13
4	2700	2702.5	1000	2701.995	-39.55	-25

Band41 QAM16 BW=15MHz Channel=39725 RB Size=1 Position=#0



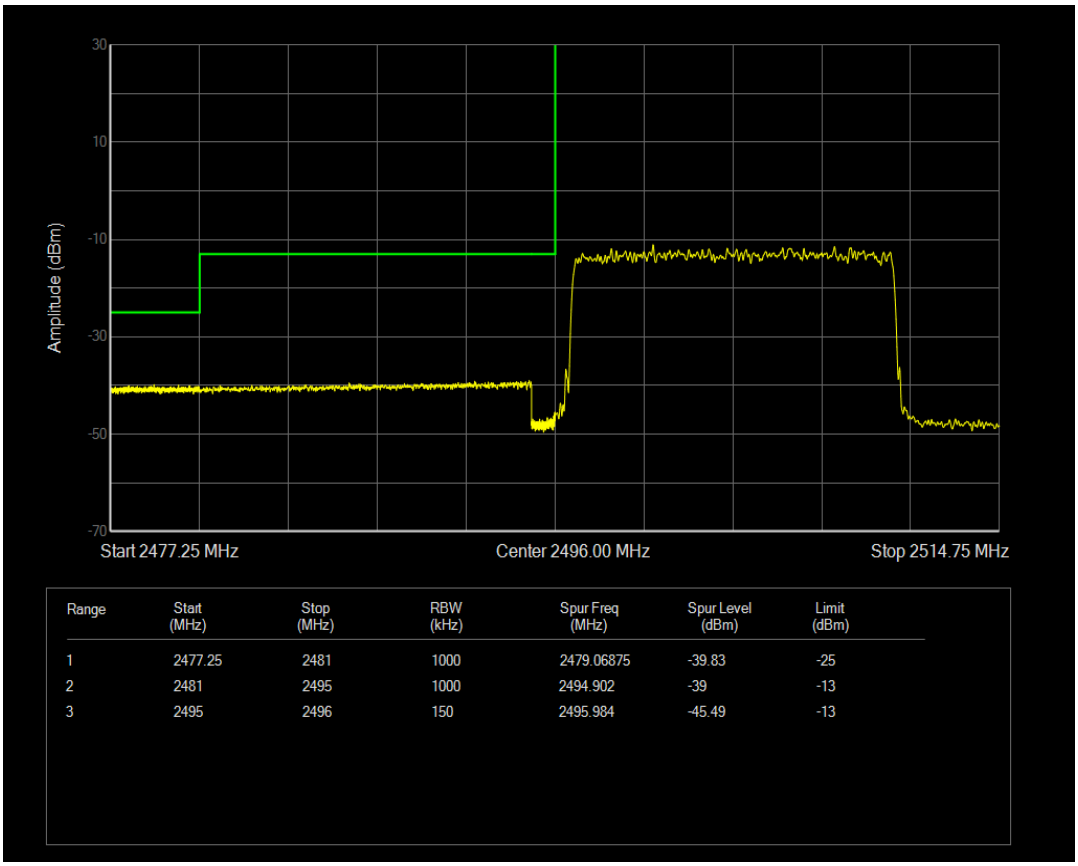
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2477.25	2481	1000	2479.31625	-39.94	-25
2	2481	2495	1000	2494.832	-37.97	-13
3	2495	2496	150	2495.845	-39.66	-13

Band41 QAM16 BW=15MHz Channel=39725 RB Size=1 Position=#Max



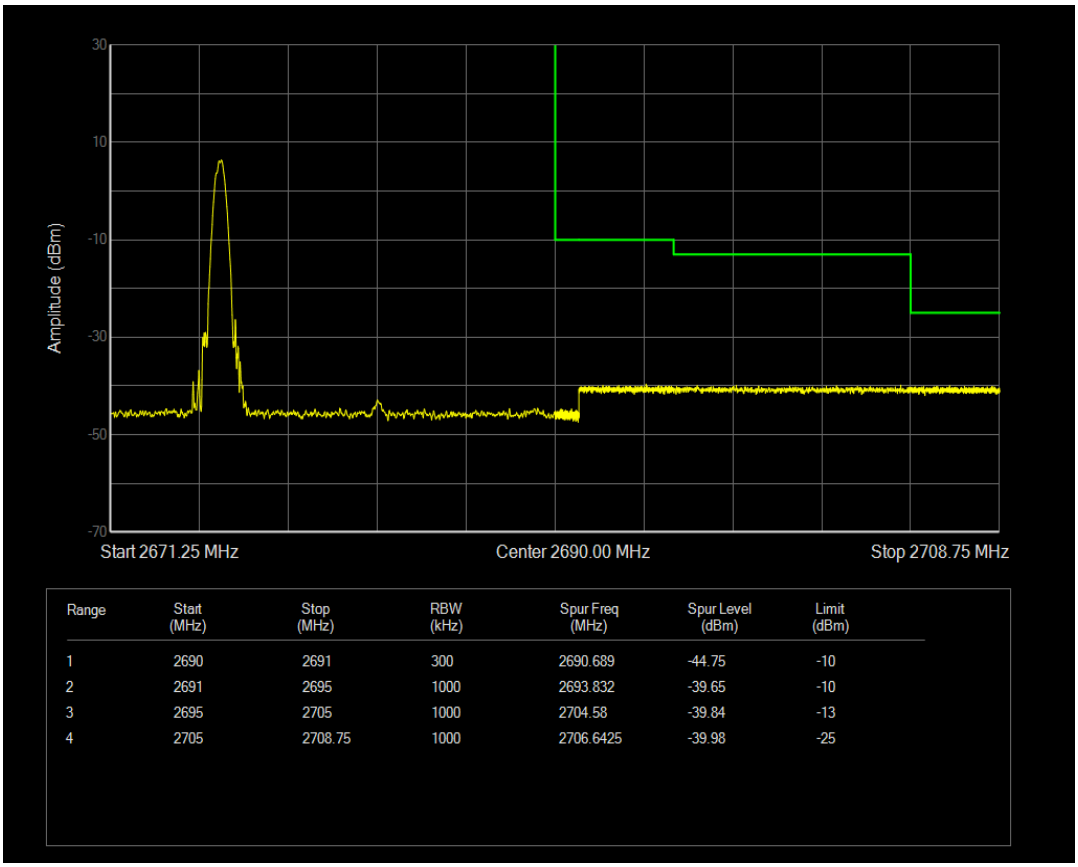
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2477.25	2481	1000	2480.61375	-39.81	-25
2	2481	2495	1000	2494.244	-39.99	-13
3	2495	2496	150	2495.582	-47.85	-13

Band41 QAM16 BW=15MHz Channel=39725 RB Size=75 Position=#0



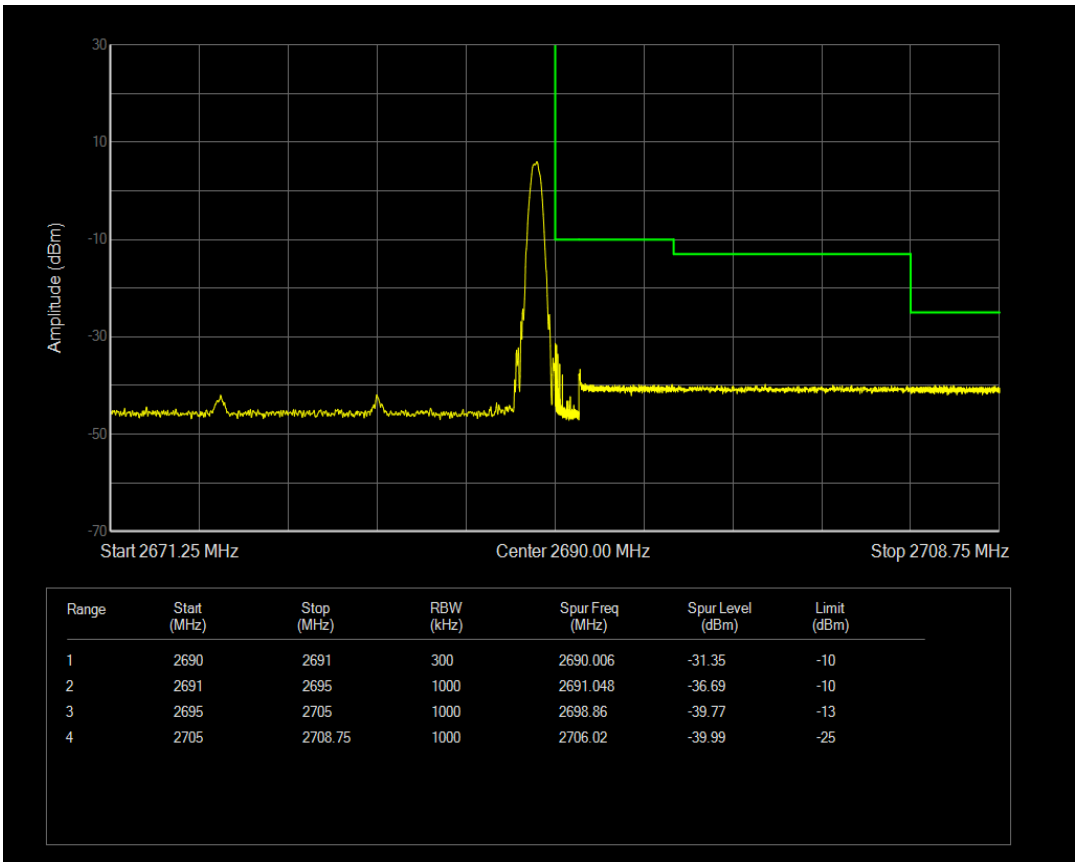
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2477.25	2481	1000	2479.06875	-39.83	-25
2	2481	2495	1000	2494.902	-39	-13
3	2495	2496	150	2495.984	-45.49	-13

Band41 QAM16 BW=15MHz Channel=41515 RB Size=1 Position=#0



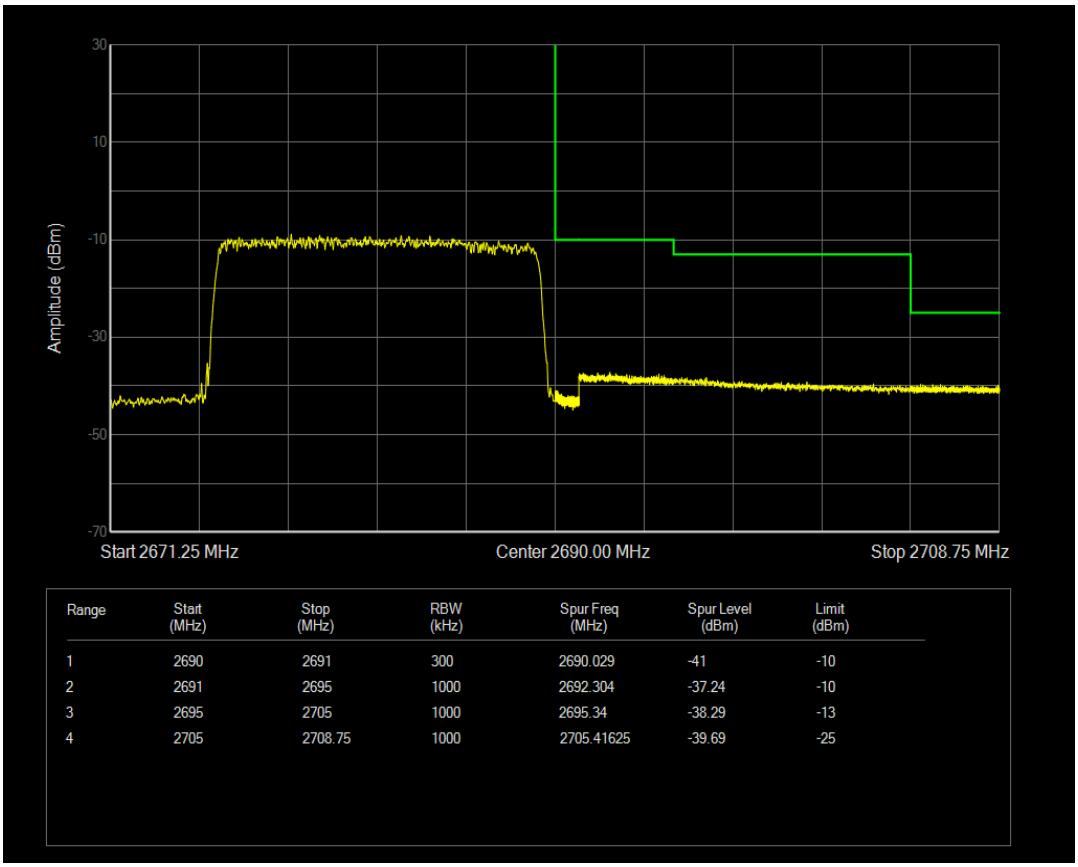
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	300	2690.689	-44.75	-10
2	2691	2695	1000	2693.832	-39.65	-10
3	2695	2705	1000	2704.58	-39.84	-13
4	2705	2708.75	1000	2706.6425	-39.98	-25

Band41 QAM16 BW=15MHz Channel=41515 RB Size=1 Position=#Max



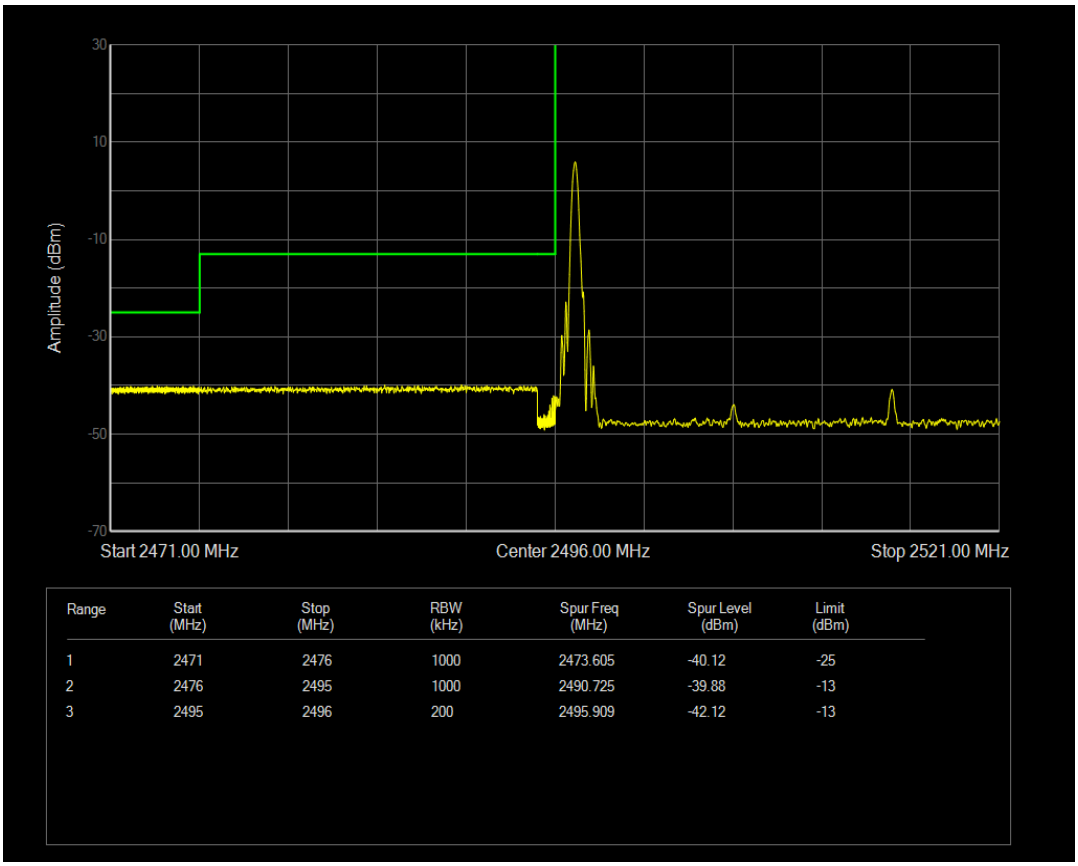
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	300	2690.006	-31.35	-10
2	2691	2695	1000	2691.048	-36.69	-10
3	2695	2705	1000	2698.86	-39.77	-13
4	2705	2708.75	1000	2706.02	-39.99	-25

Band41 QAM16 BW=15MHz Channel=41515 RB Size=75 Position=#0



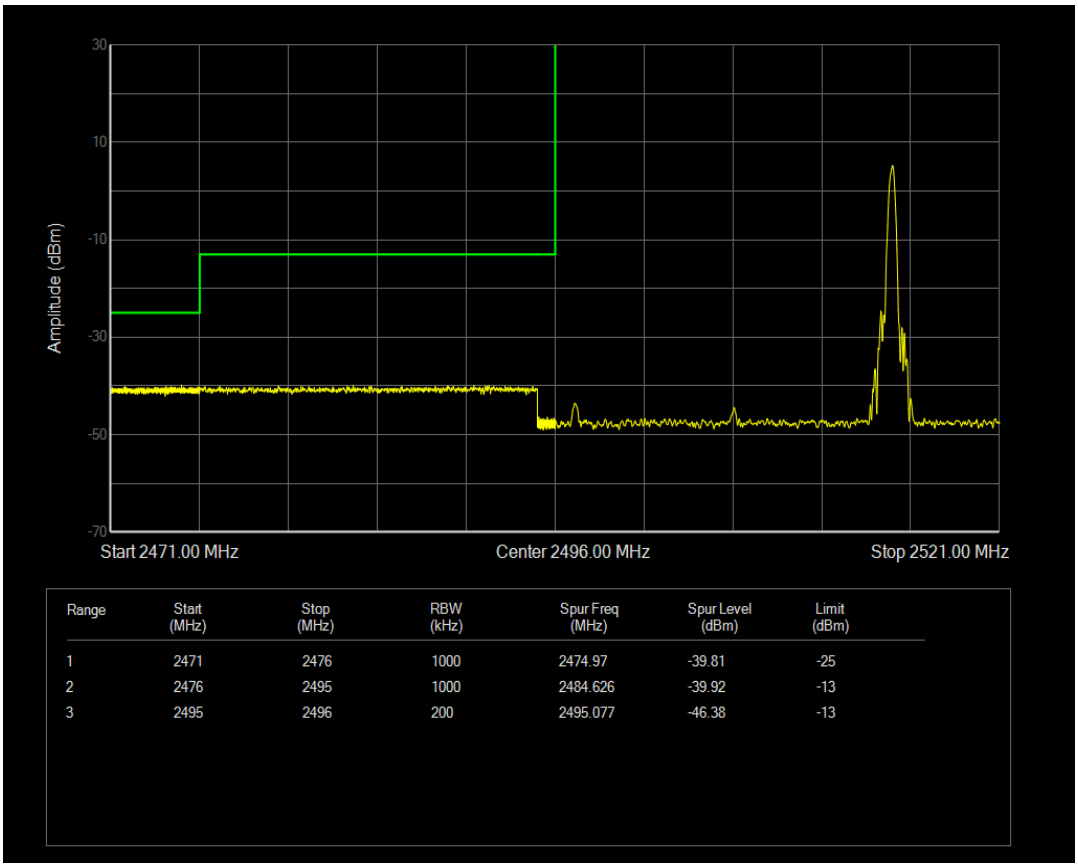
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	300	2690.029	-41	-10
2	2691	2695	1000	2692.304	-37.24	-10
3	2695	2705	1000	2695.34	-38.29	-13
4	2705	2708.75	1000	2705.41625	-39.69	-25

Band41 QAM16 BW=20MHz Channel=39750 RB Size=1 Position=#0



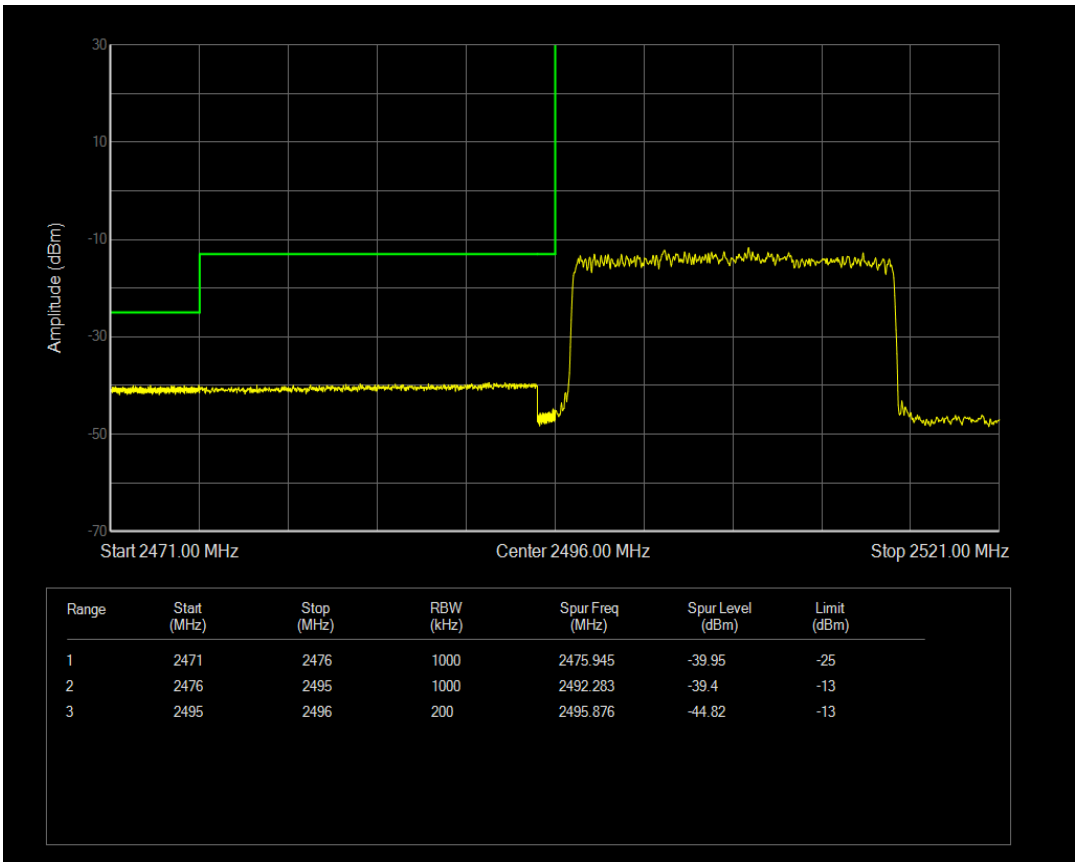
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2476	1000	2473.605	-40.12	-25
2	2476	2495	1000	2490.725	-39.88	-13
3	2495	2496	200	2495.909	-42.12	-13

Band41 QAM16 BW=20MHz Channel=39750 RB Size=1 Position=#Max



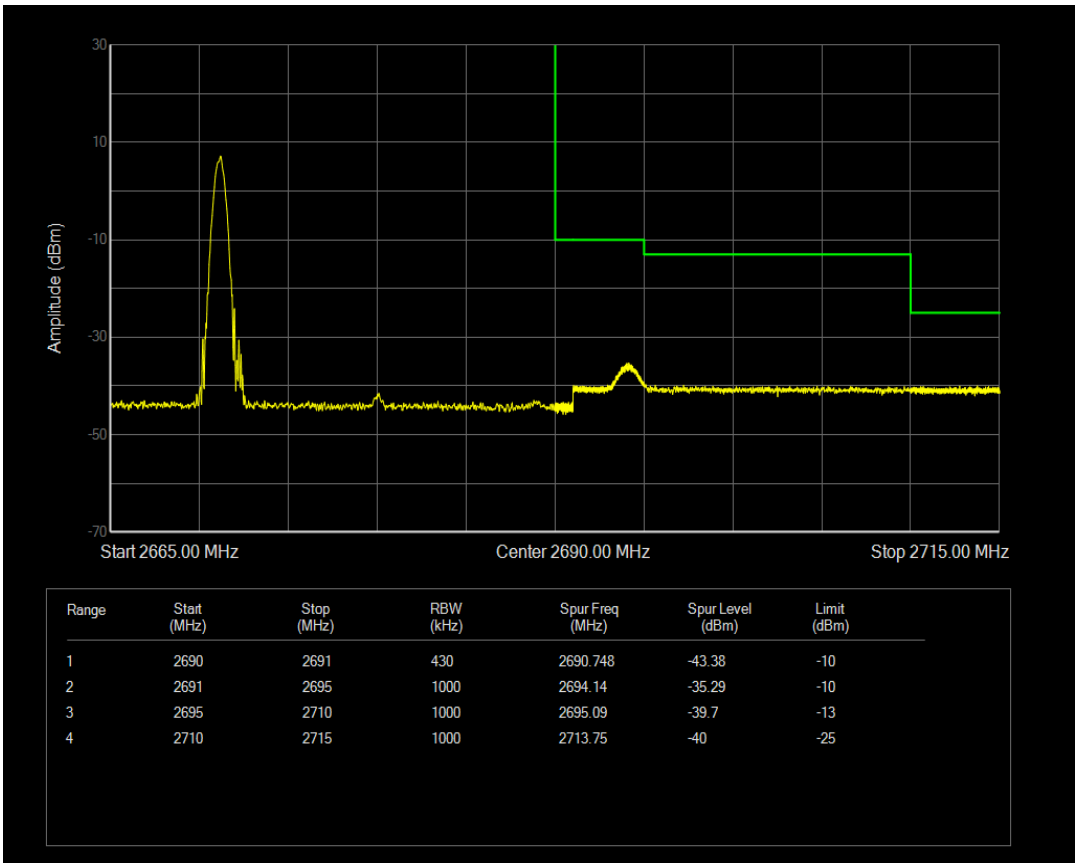
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2476	1000	2474.97	-39.81	-25
2	2476	2495	1000	2484.626	-39.92	-13
3	2495	2496	200	2495.077	-46.38	-13

Band41 QAM16 BW=20MHz Channel=39750 RB Size=100 Position=#0



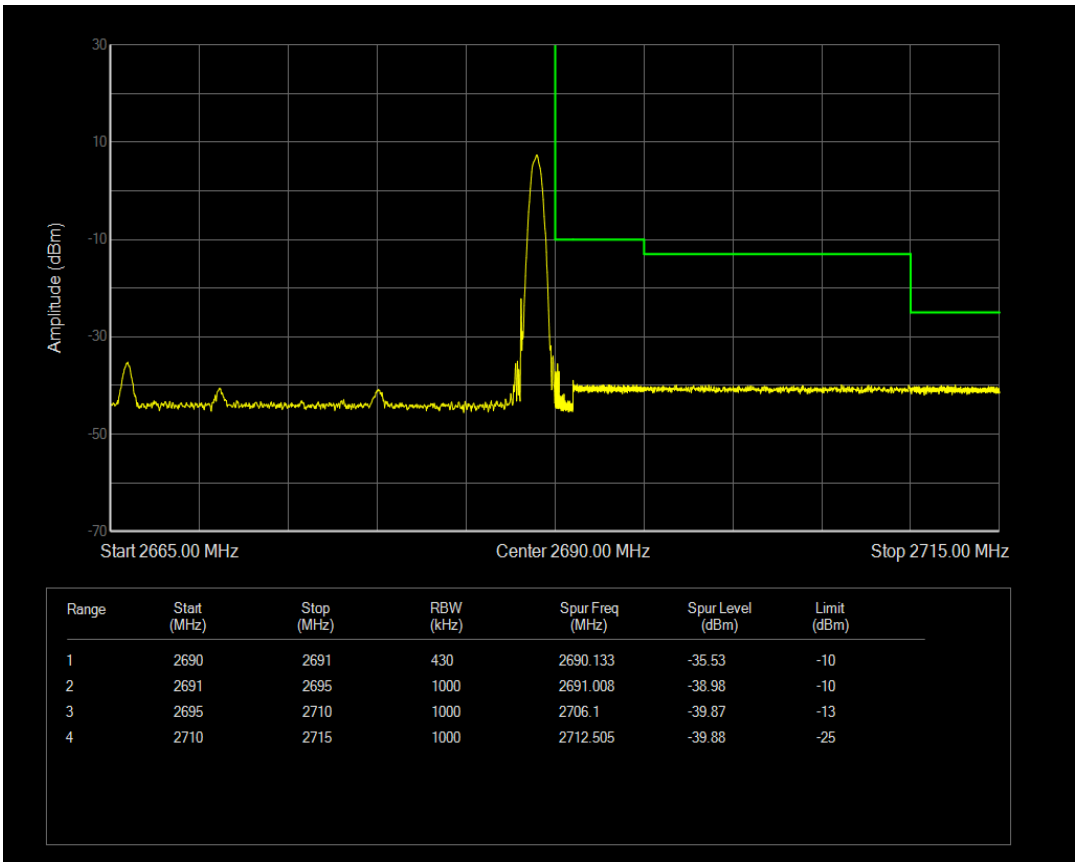
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2476	1000	2475.945	-39.95	-25
2	2476	2495	1000	2492.283	-39.4	-13
3	2495	2496	200	2495.876	-44.82	-13

Band41 QAM16 BW=20MHz Channel=41490 RB Size=1 Position=#0



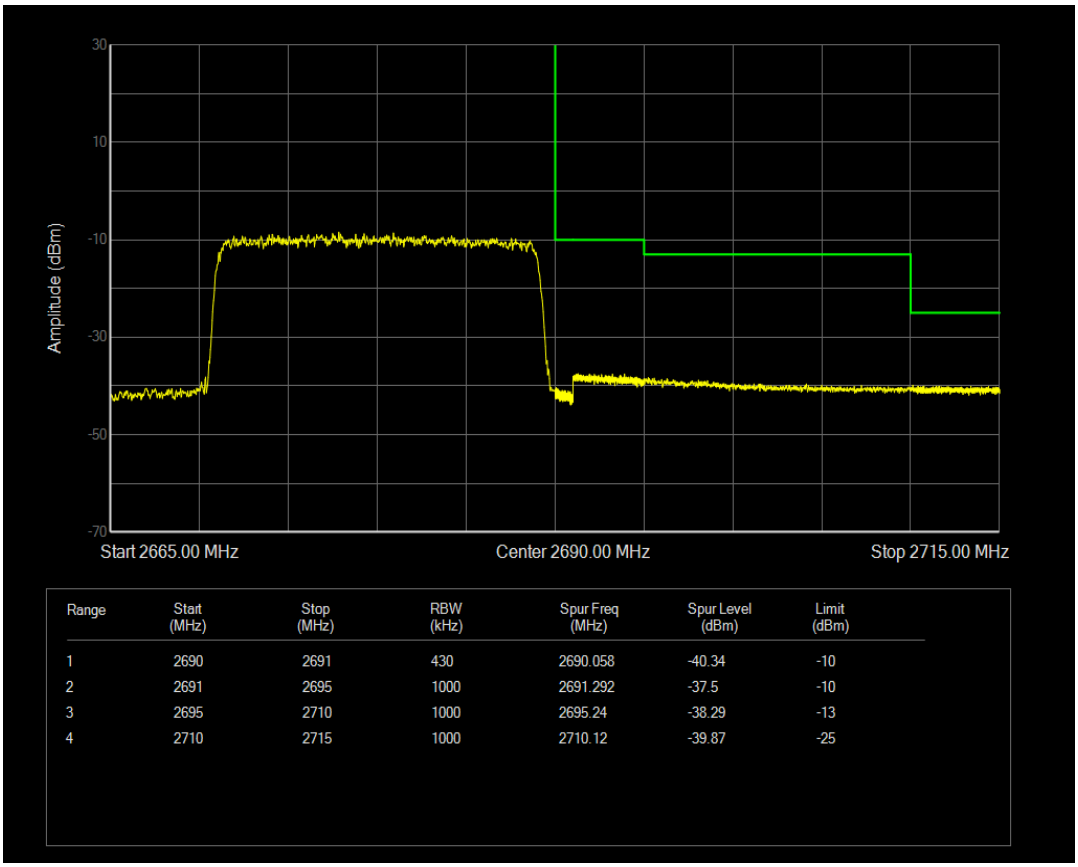
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	430	2690.748	-43.38	-10
2	2691	2695	1000	2694.14	-35.29	-10
3	2695	2710	1000	2695.09	-39.7	-13
4	2710	2715	1000	2713.75	-40	-25

Band41 QAM16 BW=20MHz Channel=41490 RB Size=1 Position=#Max



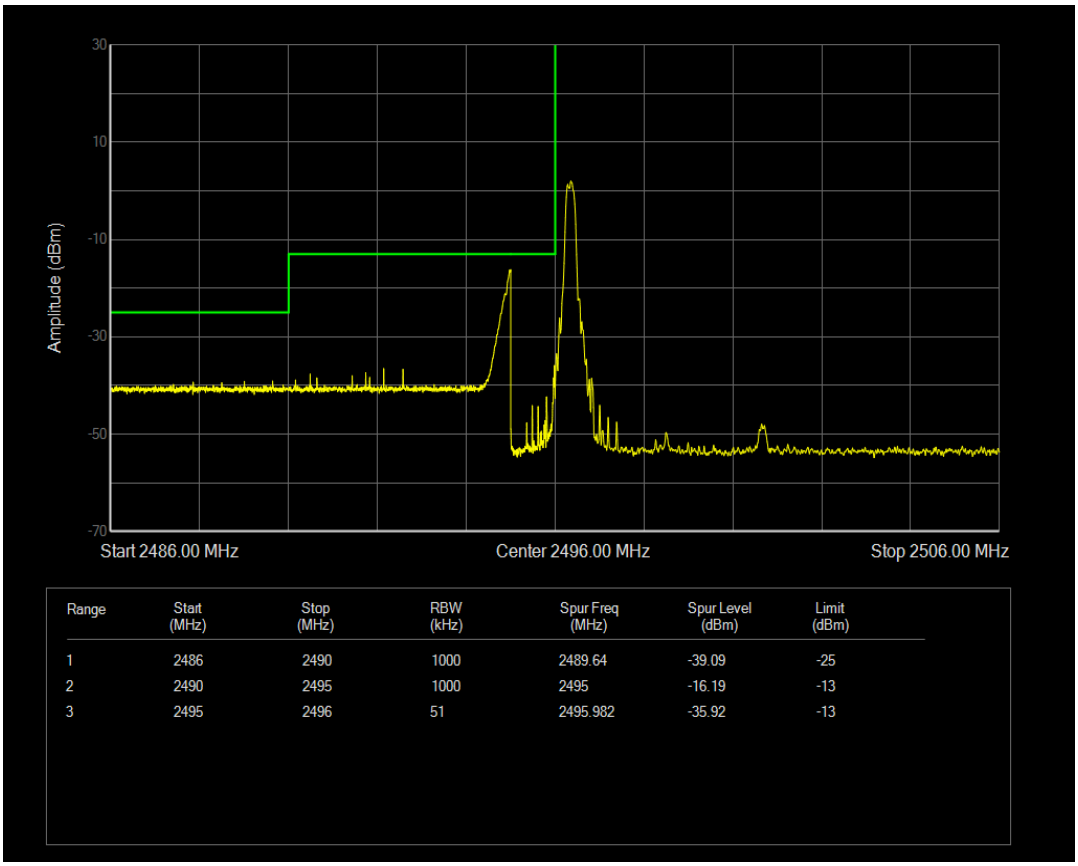
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	430	2690.133	-35.53	-10
2	2691	2695	1000	2691.008	-38.98	-10
3	2695	2710	1000	2706.1	-39.87	-13
4	2710	2715	1000	2712.505	-39.88	-25

Band41 QAM16 BW=20MHz Channel=41490 RB Size=100 Position=#0



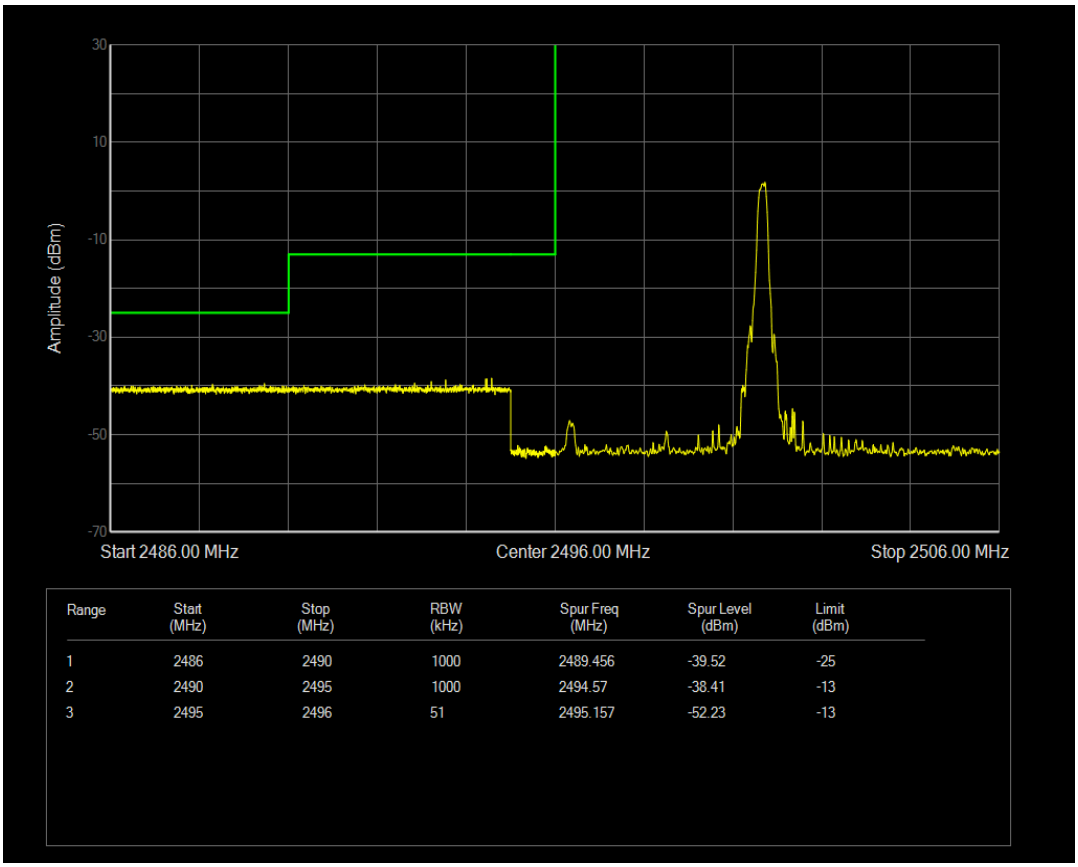
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	430	2690.058	-40.34	-10
2	2691	2695	1000	2691.292	-37.5	-10
3	2695	2710	1000	2695.24	-38.29	-13
4	2710	2715	1000	2710.12	-39.87	-25

Band41 QAM16 BW=5MHz Channel=39675 RB Size=1 Position=#0



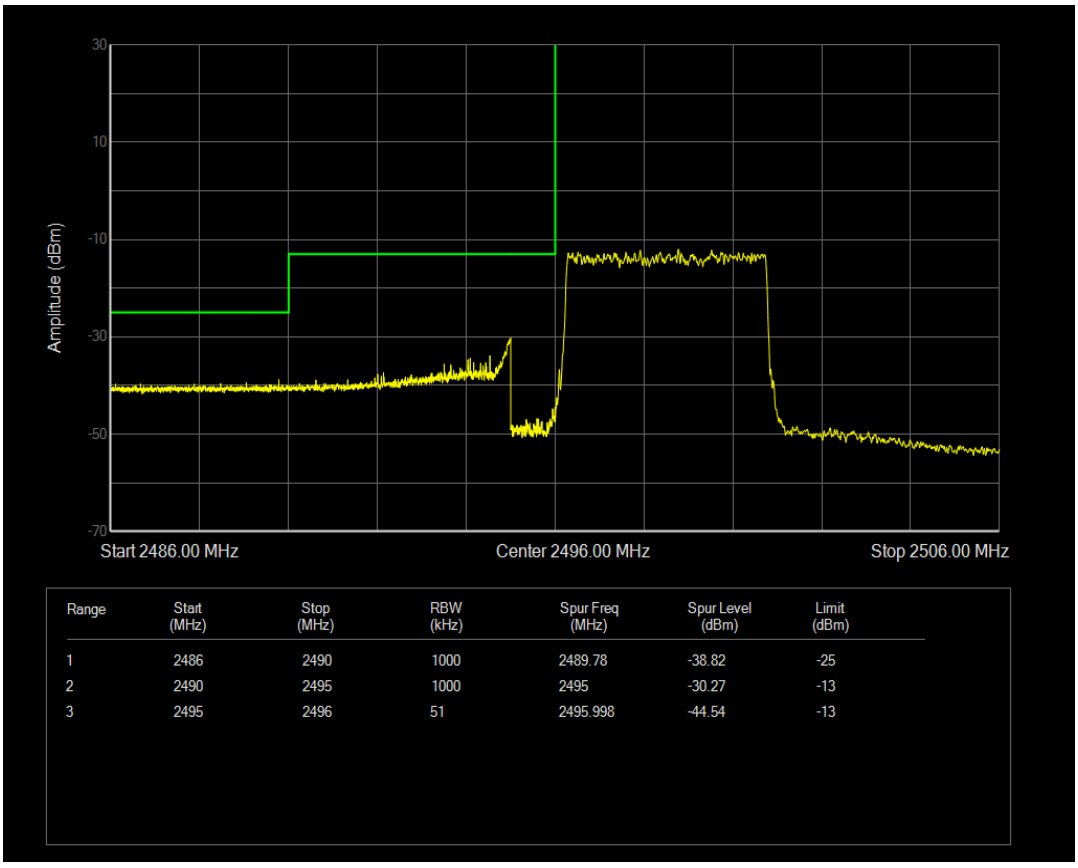
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.64	-39.09	-25
2	2490	2495	1000	2495	-16.19	-13
3	2495	2496	51	2495.982	-35.92	-13

Band41 QAM16 BW=5MHz Channel=39675 RB Size=1 Position=#Max



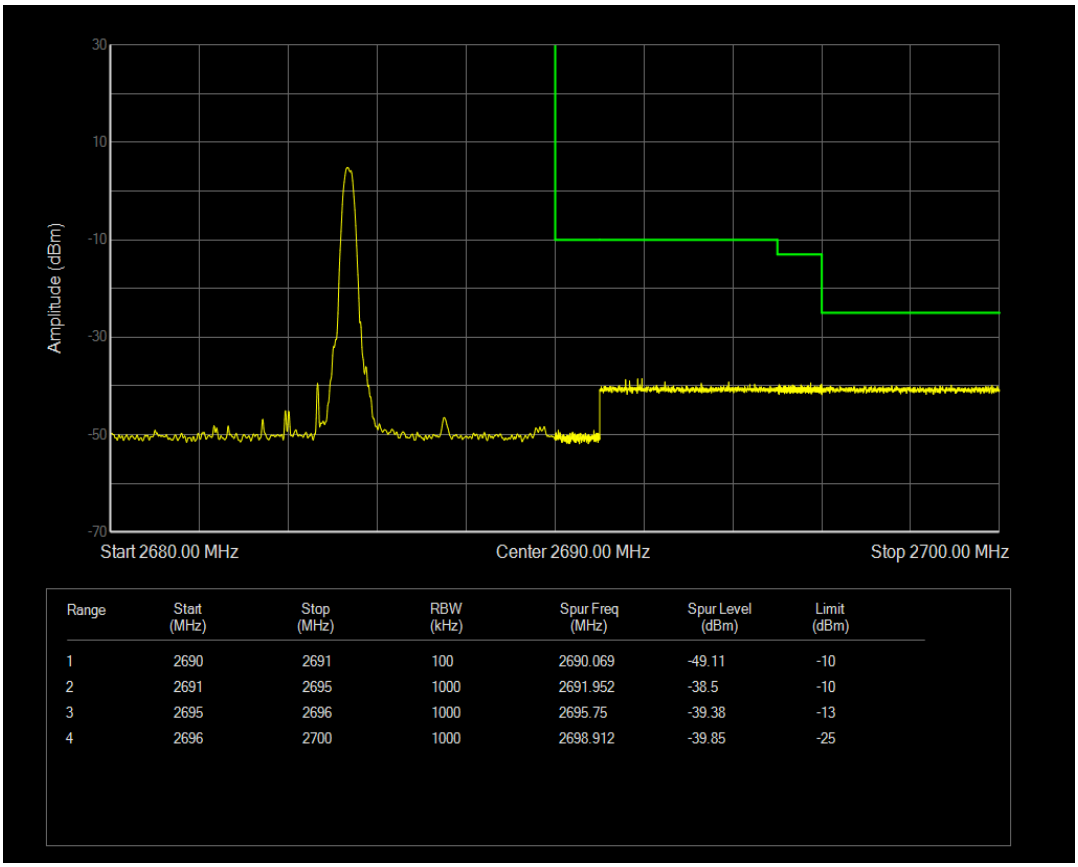
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.456	-39.52	-25
2	2490	2495	1000	2494.57	-38.41	-13
3	2495	2496	51	2495.157	-52.23	-13

Band41 QAM16 BW=5MHz Channel=39675 RB Size=25 Position=#0



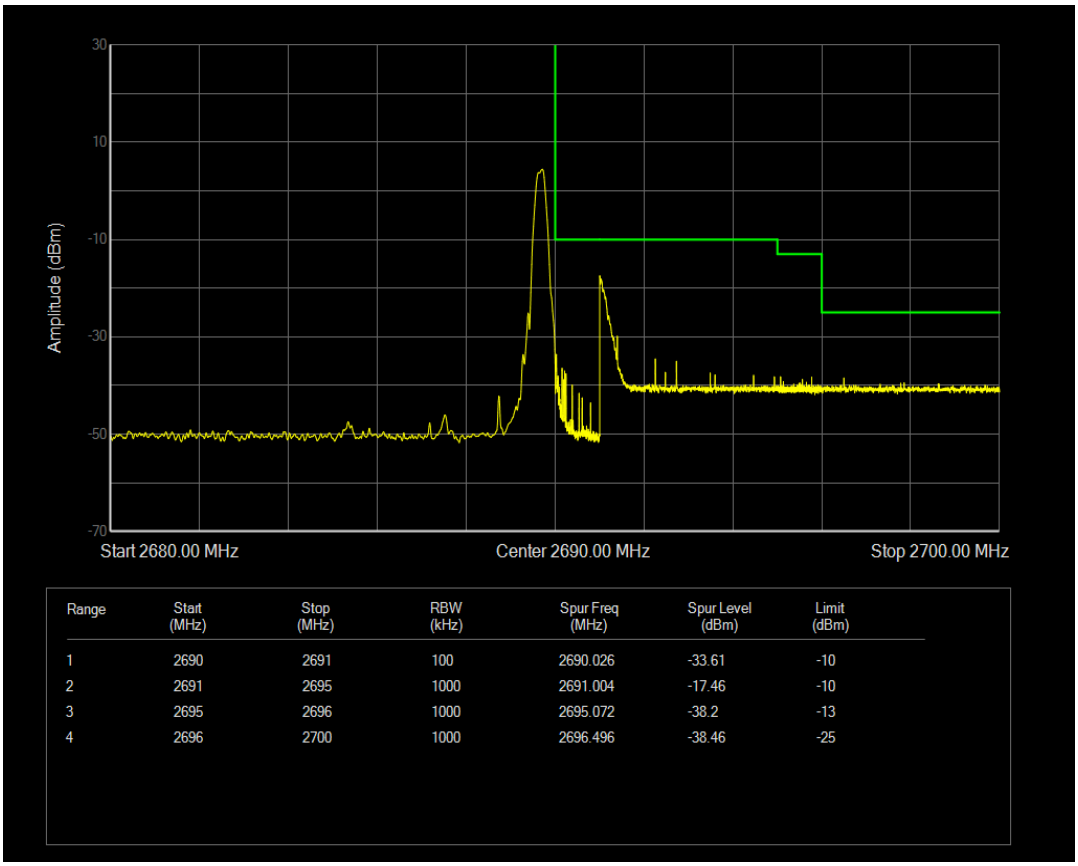
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.78	-38.82	-25
2	2490	2495	1000	2495	-30.27	-13
3	2495	2496	51	2495.998	-44.54	-13

Band41 QAM16 BW=5MHz Channel=41565 RB Size=1 Position=#0



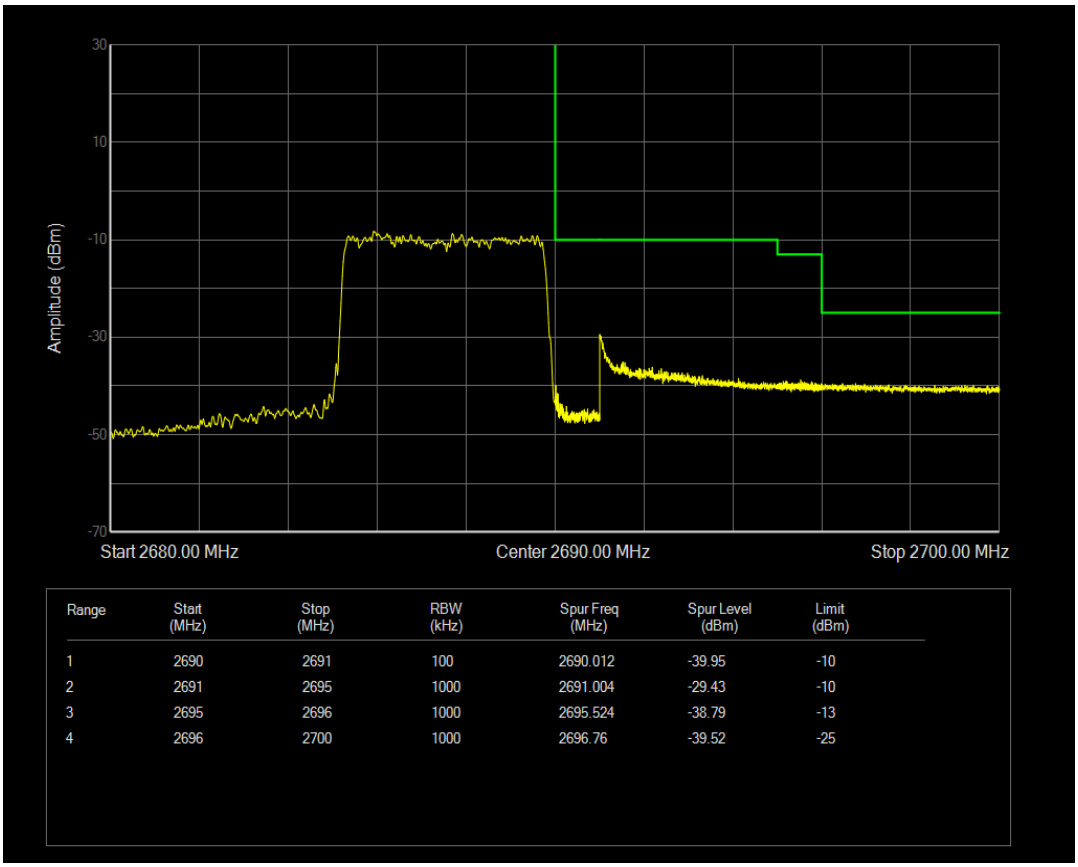
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	100	2690.069	-49.11	-10
2	2691	2695	1000	2691.952	-38.5	-10
3	2695	2696	1000	2695.75	-39.38	-13
4	2696	2700	1000	2698.912	-39.85	-25

Band41 QAM16 BW=5MHz Channel=41565 RB Size=1 Position=#Max



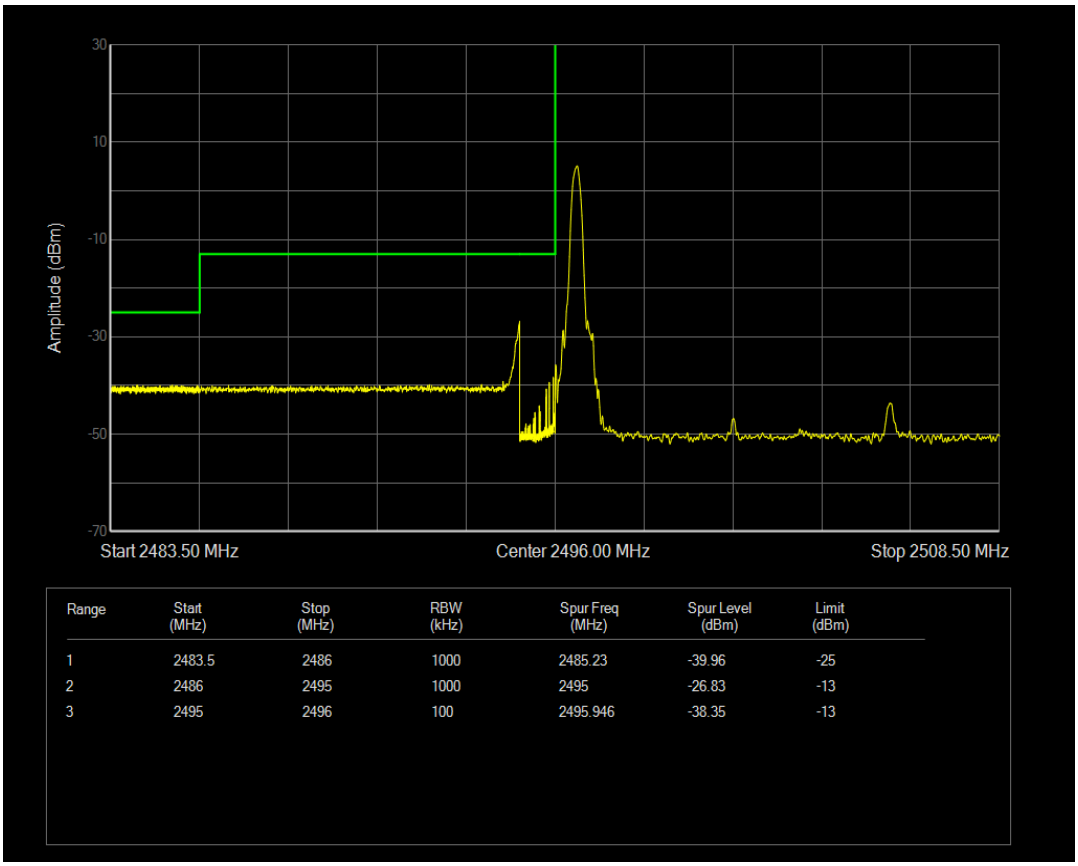
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	100	2690.026	-33.61	-10
2	2691	2695	1000	2691.004	-17.46	-10
3	2695	2696	1000	2695.072	-38.2	-13
4	2696	2700	1000	2696.496	-38.46	-25

Band41 QAM16 BW=5MHz Channel=41565 RB Size=25 Position=#0



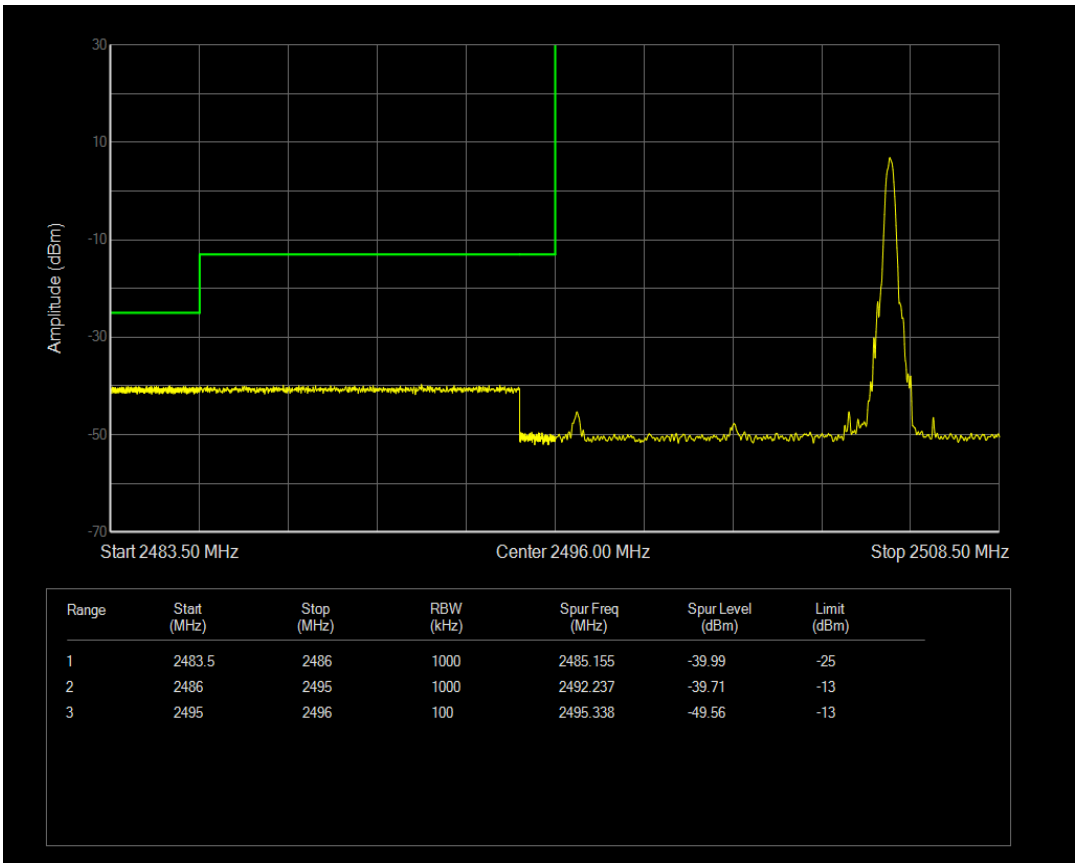
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	100	2690.012	-39.95	-10
2	2691	2695	1000	2691.004	-29.43	-10
3	2695	2696	1000	2695.524	-38.79	-13
4	2696	2700	1000	2696.76	-39.52	-25

Band41 QPSK BW=10MHz Channel=39700 RB Size=1 Position=#0



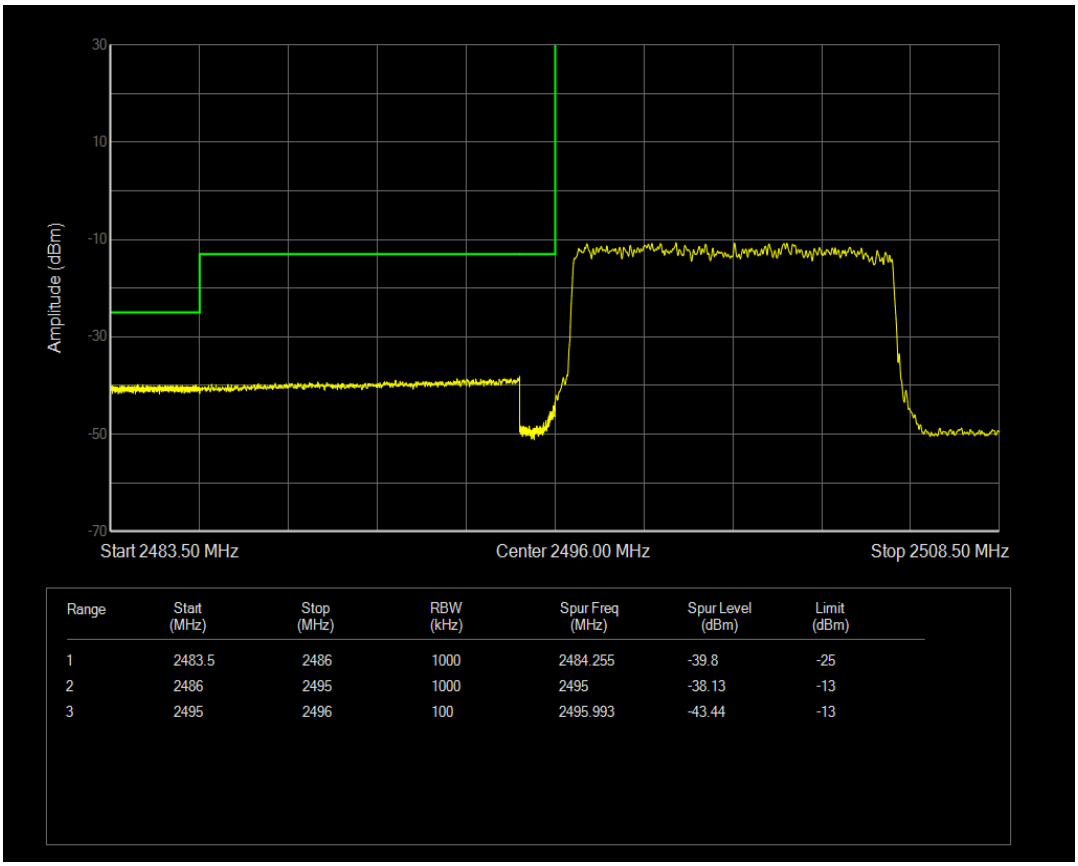
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2483.5	2486	1000	2485.23	-39.96	-25
2	2486	2495	1000	2495	-26.83	-13
3	2495	2496	100	2495.946	-38.35	-13

Band41 QPSK BW=10MHz Channel=39700 RB Size=1 Position=#Max



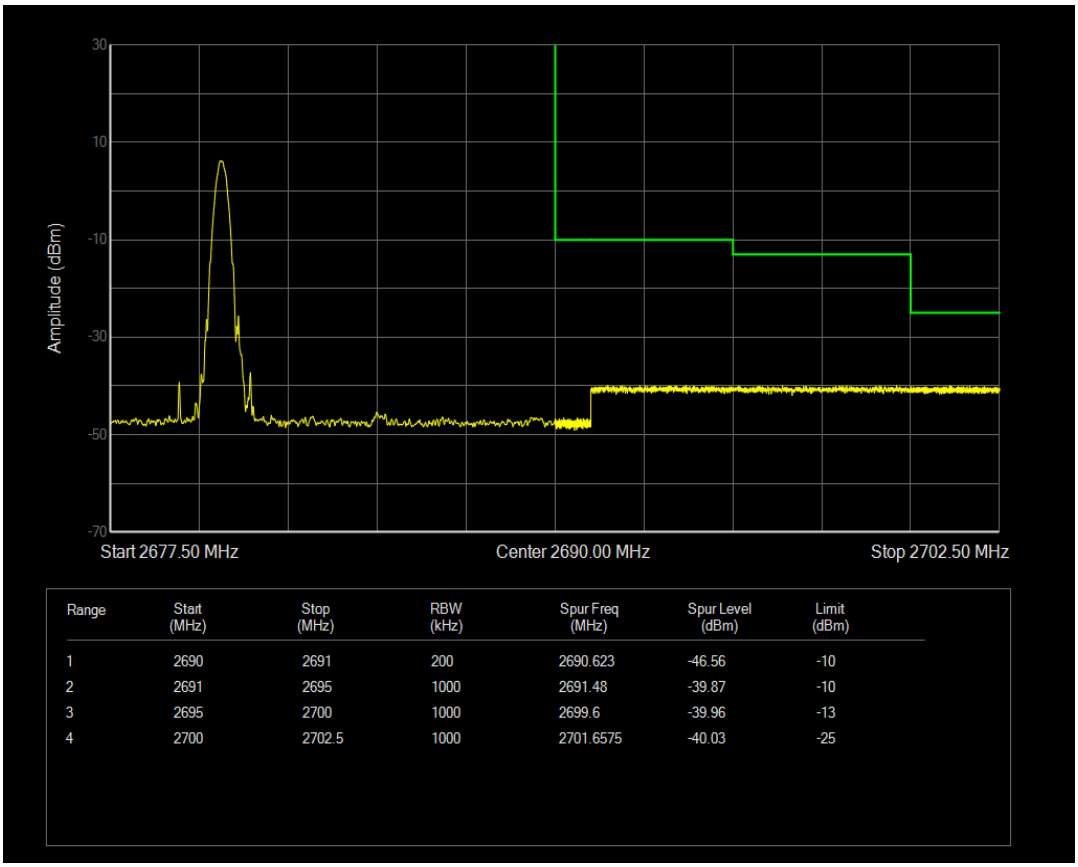
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2483.5	2486	1000	2485.155	-39.99	-25
2	2486	2495	1000	2492.237	-39.71	-13
3	2495	2496	100	2495.338	-49.56	-13

Band41 QPSK BW=10MHz Channel=39700 RB Size=50 Position=#0



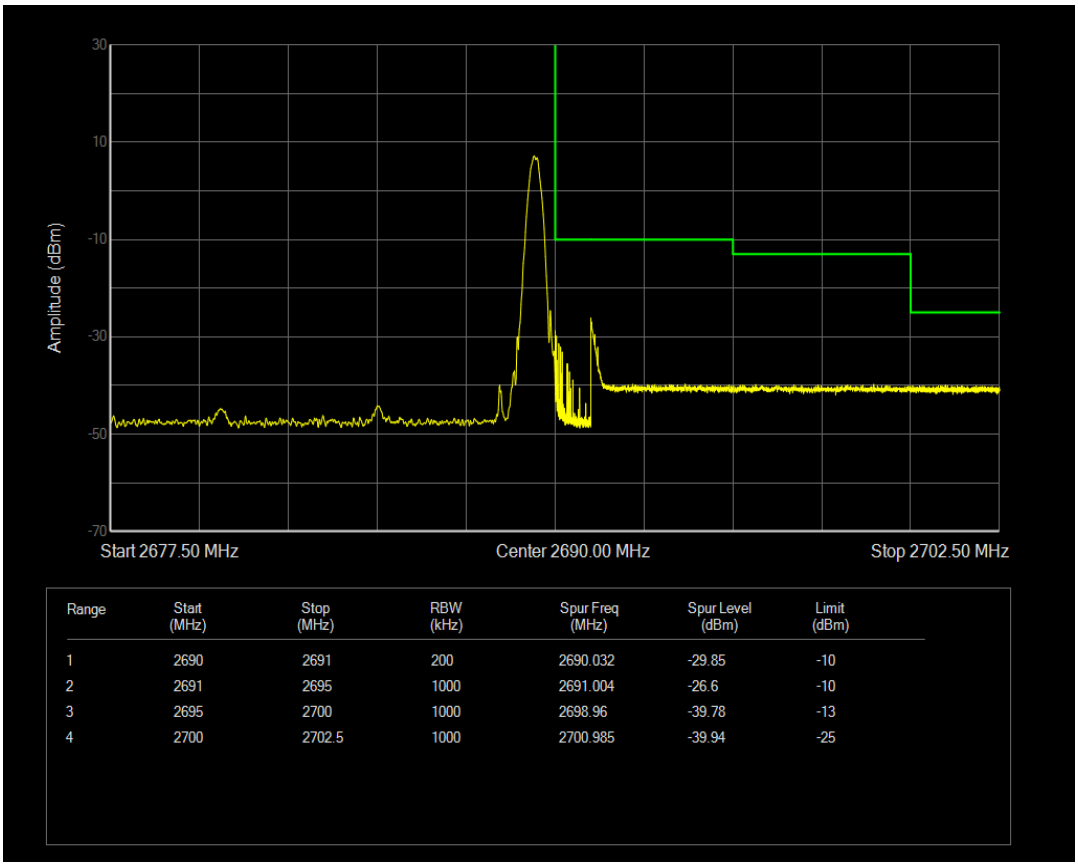
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2483.5	2486	1000	2484.255	-39.8	-25
2	2486	2495	1000	2495	-38.13	-13
3	2495	2496	100	2495.993	-43.44	-13

Band41 QPSK BW=10MHz Channel=41540 RB Size=1 Position=#0



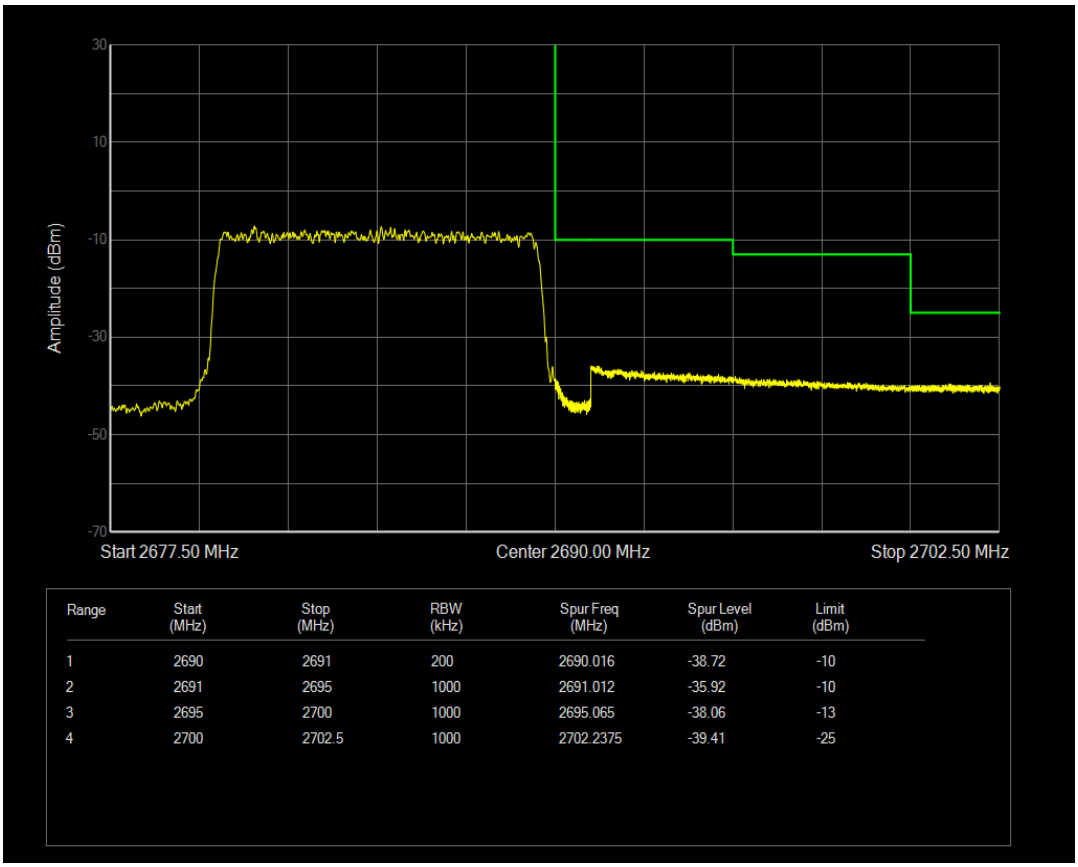
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	200	2690.623	-46.56	-10
2	2691	2695	1000	2691.48	-39.87	-10
3	2695	2700	1000	2699.6	-39.96	-13
4	2700	2702.5	1000	2701.6575	-40.03	-25

Band41 QPSK BW=10MHz Channel=41540 RB Size=1 Position=#Max



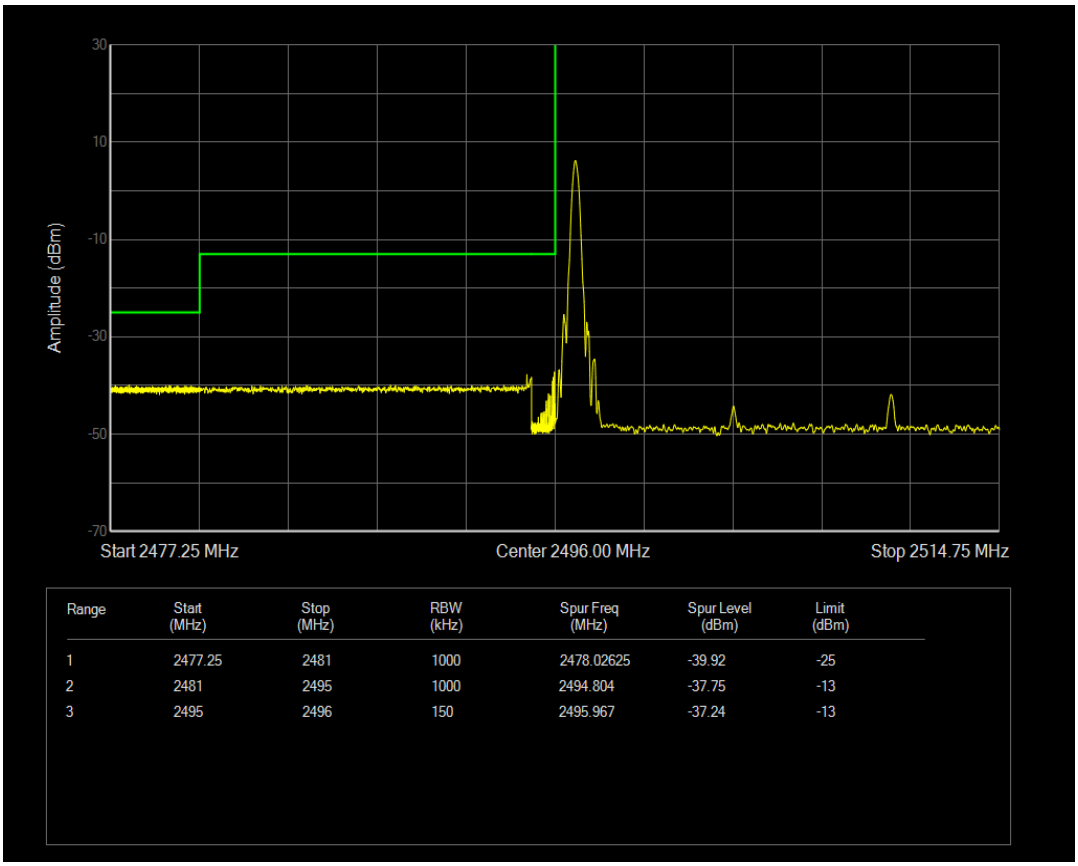
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	200	2690.032	-29.85	-10
2	2691	2695	1000	2691.004	-26.6	-10
3	2695	2700	1000	2698.96	-39.78	-13
4	2700	2702.5	1000	2700.985	-39.94	-25

Band41 QPSK BW=10MHz Channel=41540 RB Size=50 Position=#0



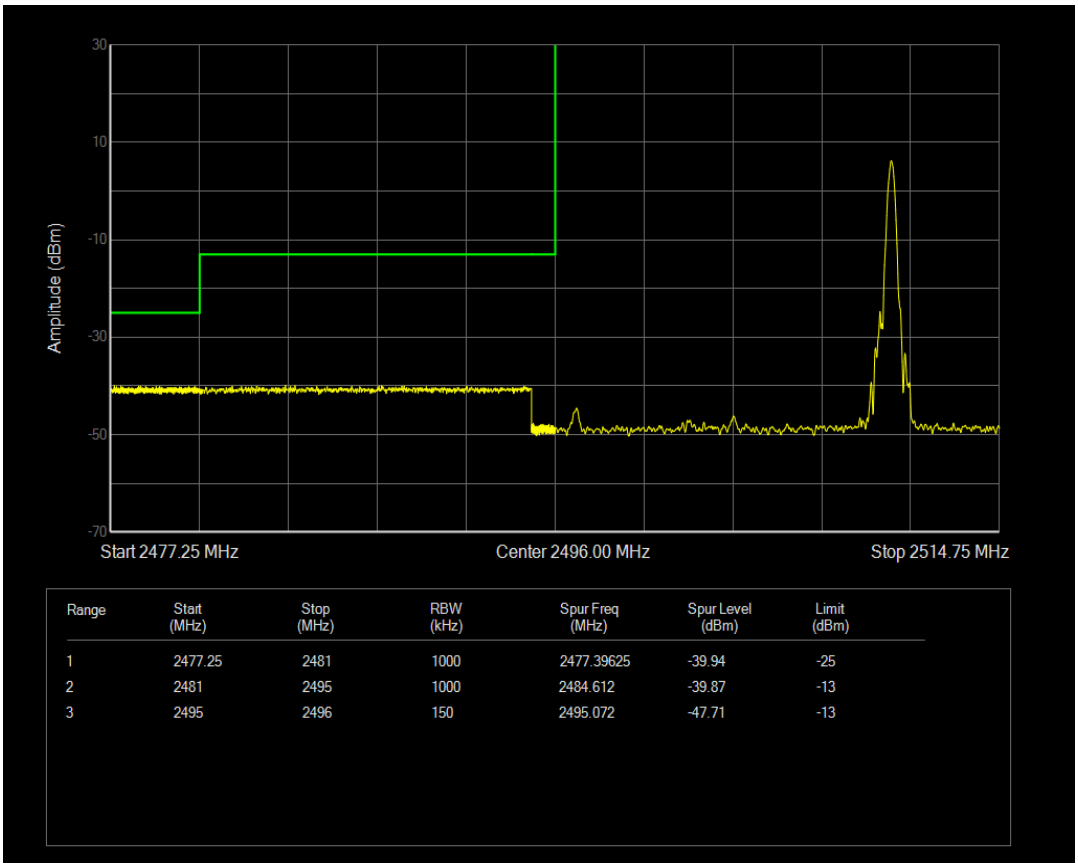
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	200	2690.016	-38.72	-10
2	2691	2695	1000	2691.012	-35.92	-10
3	2695	2700	1000	2695.065	-38.06	-13
4	2700	2702.5	1000	2702.2375	-39.41	-25

Band41 QPSK BW=15MHz Channel=39725 RB Size=1 Position=#0



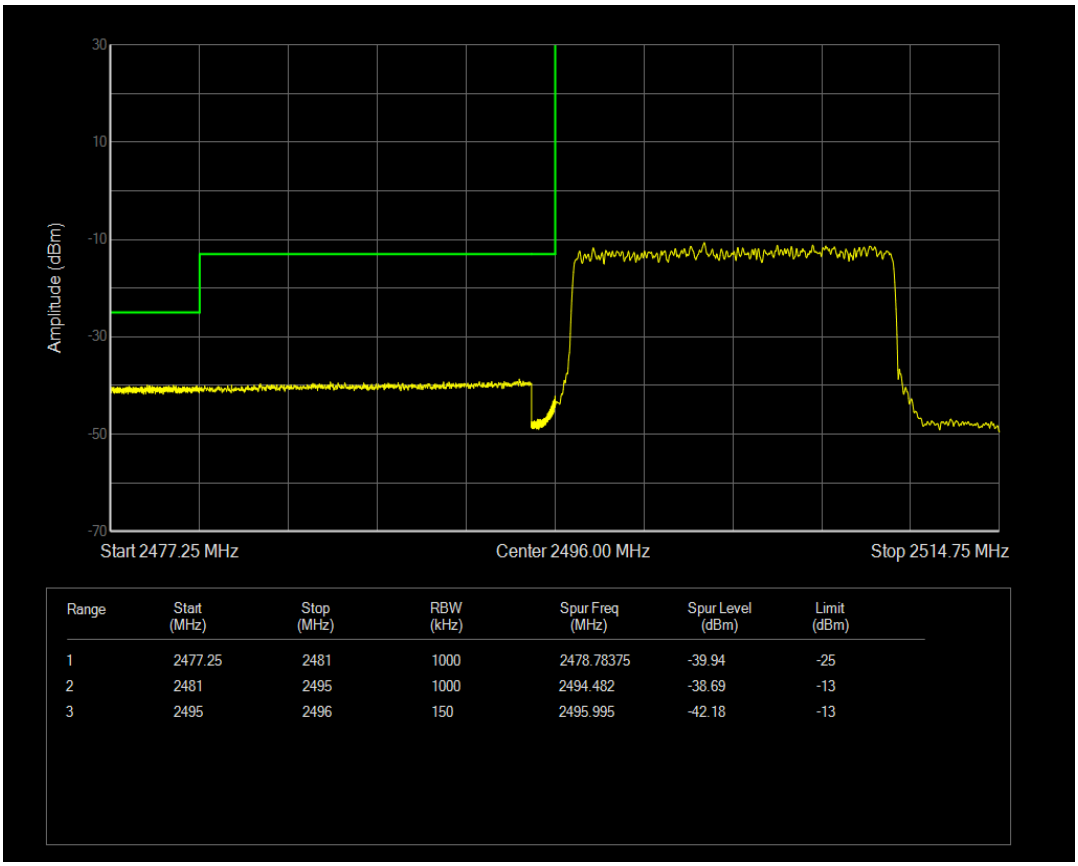
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2477.25	2481	1000	2478.02625	-39.92	-25
2	2481	2495	1000	2494.804	-37.75	-13
3	2495	2496	150	2495.967	-37.24	-13

Band41 QPSK BW=15MHz Channel=39725 RB Size=1 Position=#Max



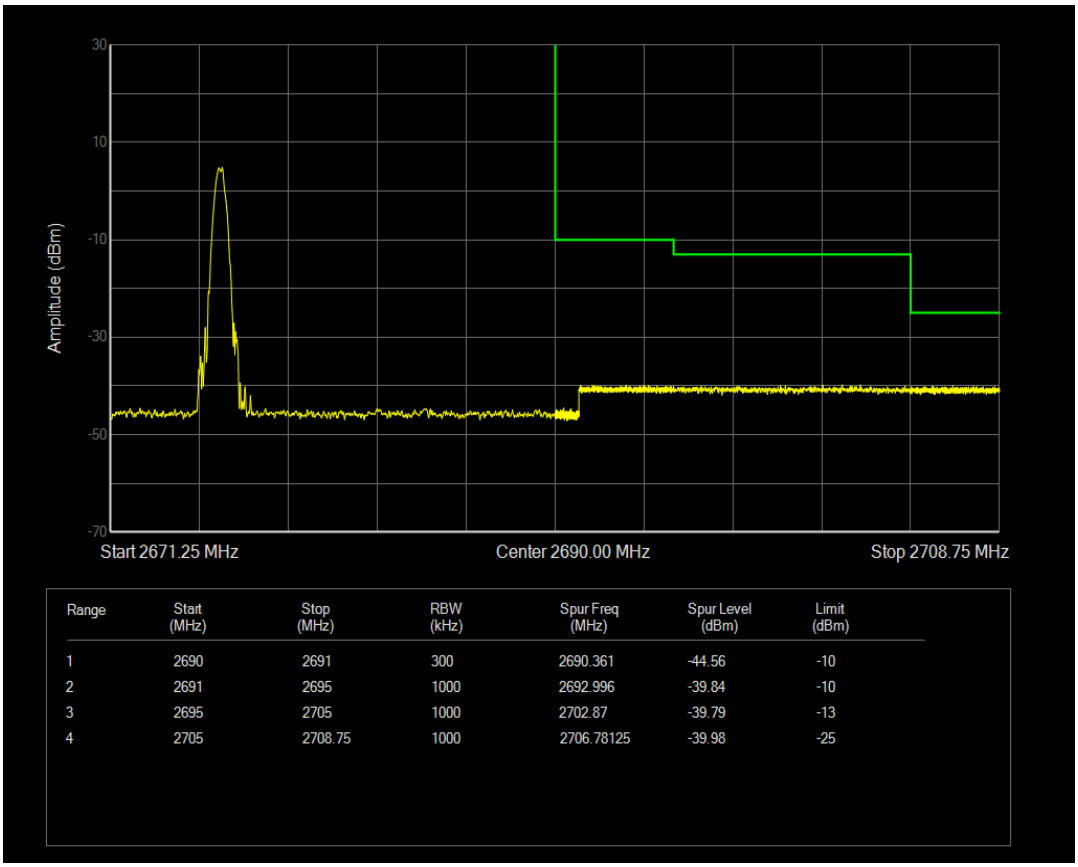
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2477.25	2481	1000	2477.39625	-39.94	-25
2	2481	2495	1000	2484.612	-39.87	-13
3	2495	2496	150	2495.072	-47.71	-13

Band41 QPSK BW=15MHz Channel=39725 RB Size=75 Position=#0



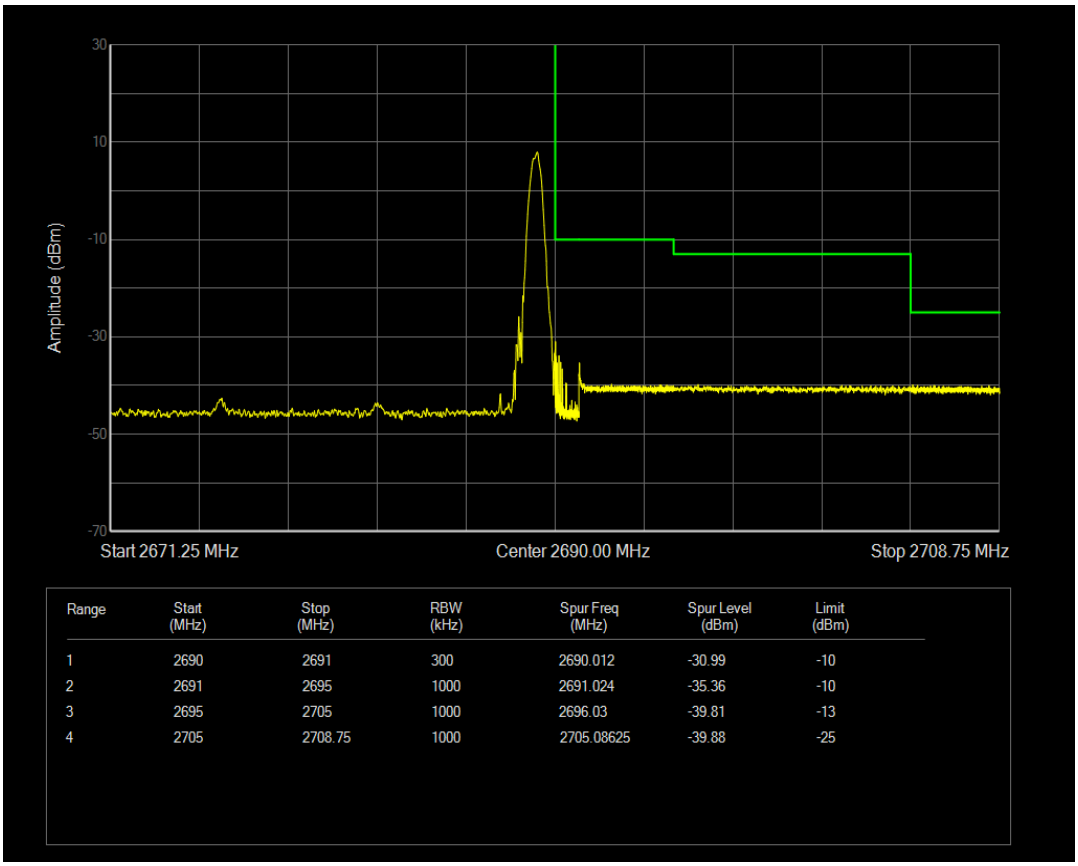
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2477.25	2481	1000	2478.78375	-39.94	-25
2	2481	2495	1000	2494.482	-38.69	-13
3	2495	2496	150	2495.995	-42.18	-13

Band41 QPSK BW=15MHz Channel=41515 RB Size=1 Position=#0



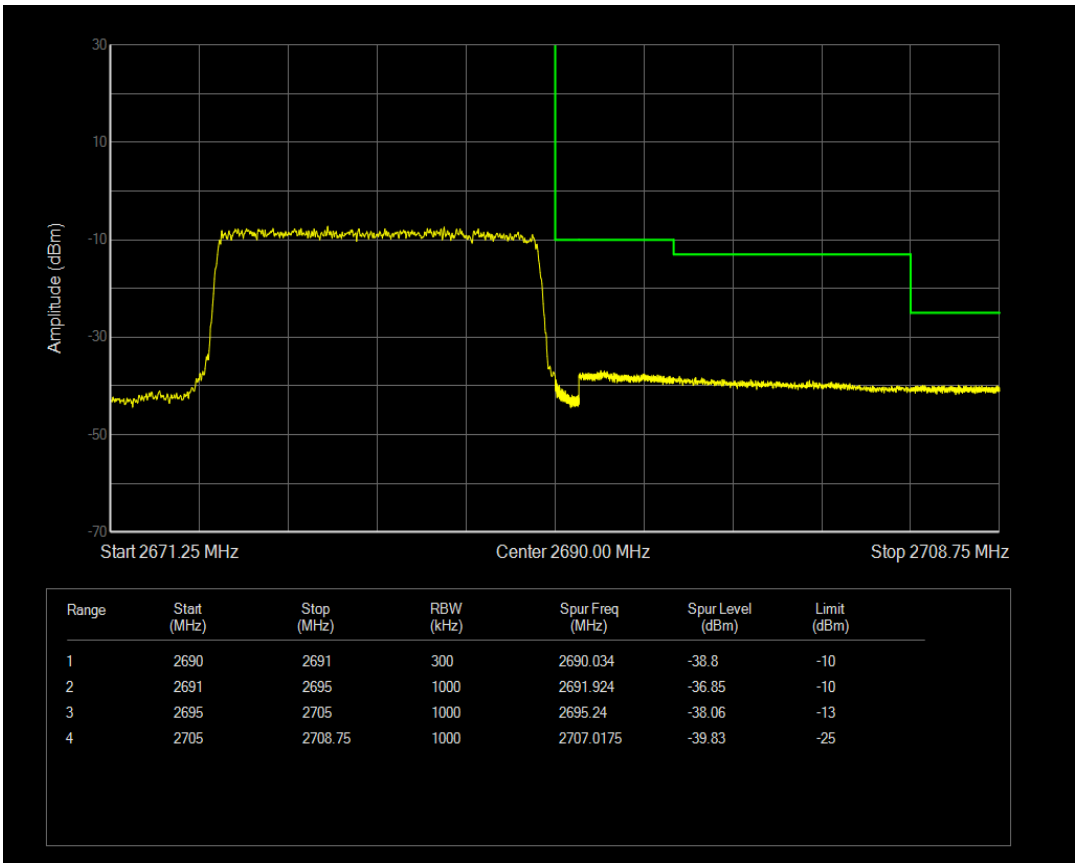
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	300	2690.361	-44.56	-10
2	2691	2695	1000	2692.996	-39.84	-10
3	2695	2705	1000	2702.87	-39.79	-13
4	2705	2708.75	1000	2706.78125	-39.98	-25

Band41 QPSK BW=15MHz Channel=41515 RB Size=1 Position=#Max



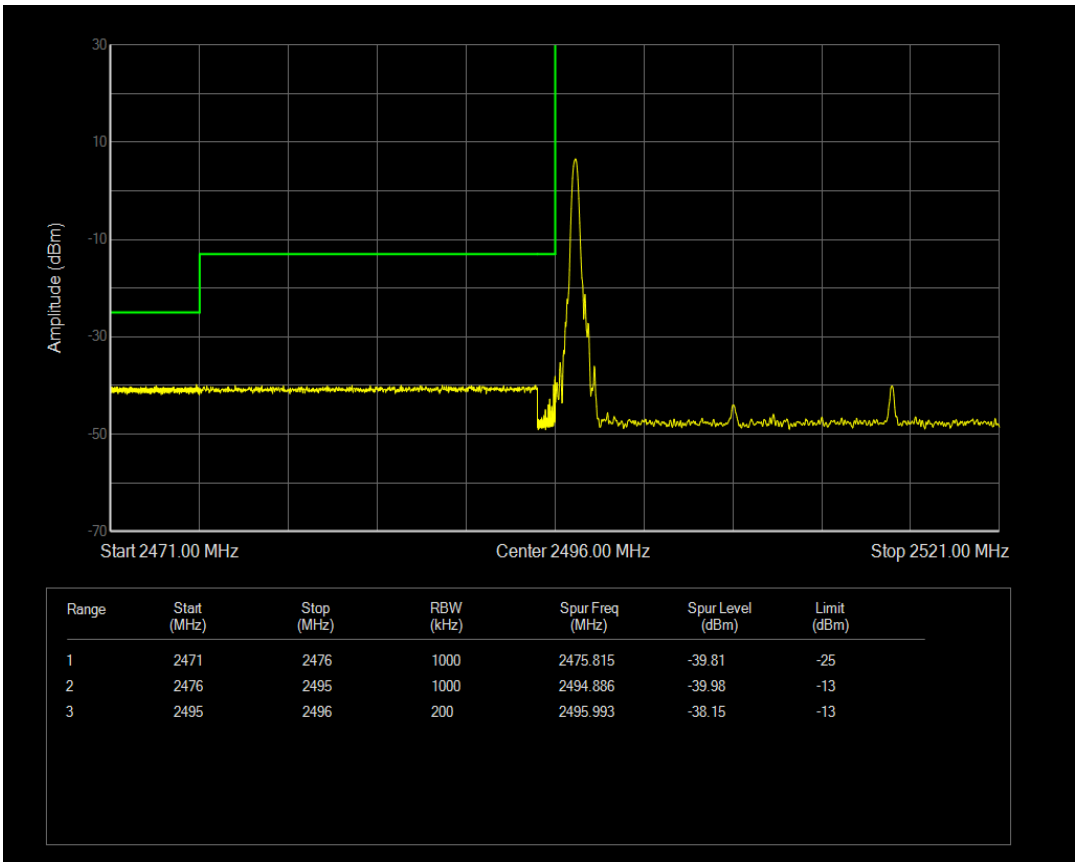
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	300	2690.012	-30.99	-10
2	2691	2695	1000	2691.024	-35.36	-10
3	2695	2705	1000	2696.03	-39.81	-13
4	2705	2708.75	1000	2705.08625	-39.88	-25

Band41 QPSK BW=15MHz Channel=41515 RB Size=75 Position=#0



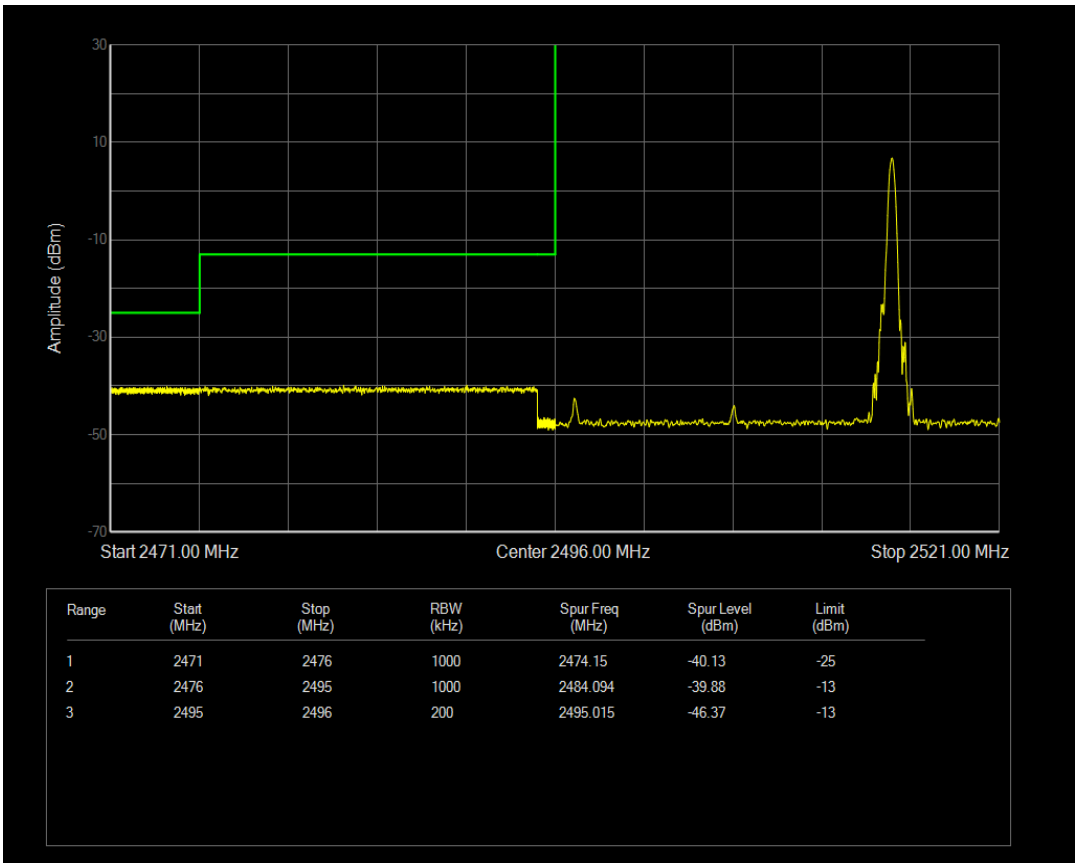
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	300	2690.034	-38.8	-10
2	2691	2695	1000	2691.924	-36.85	-10
3	2695	2705	1000	2695.24	-38.06	-13
4	2705	2708.75	1000	2707.0175	-39.83	-25

Band41 QPSK BW=20MHz Channel=39750 RB Size=1 Position=#0



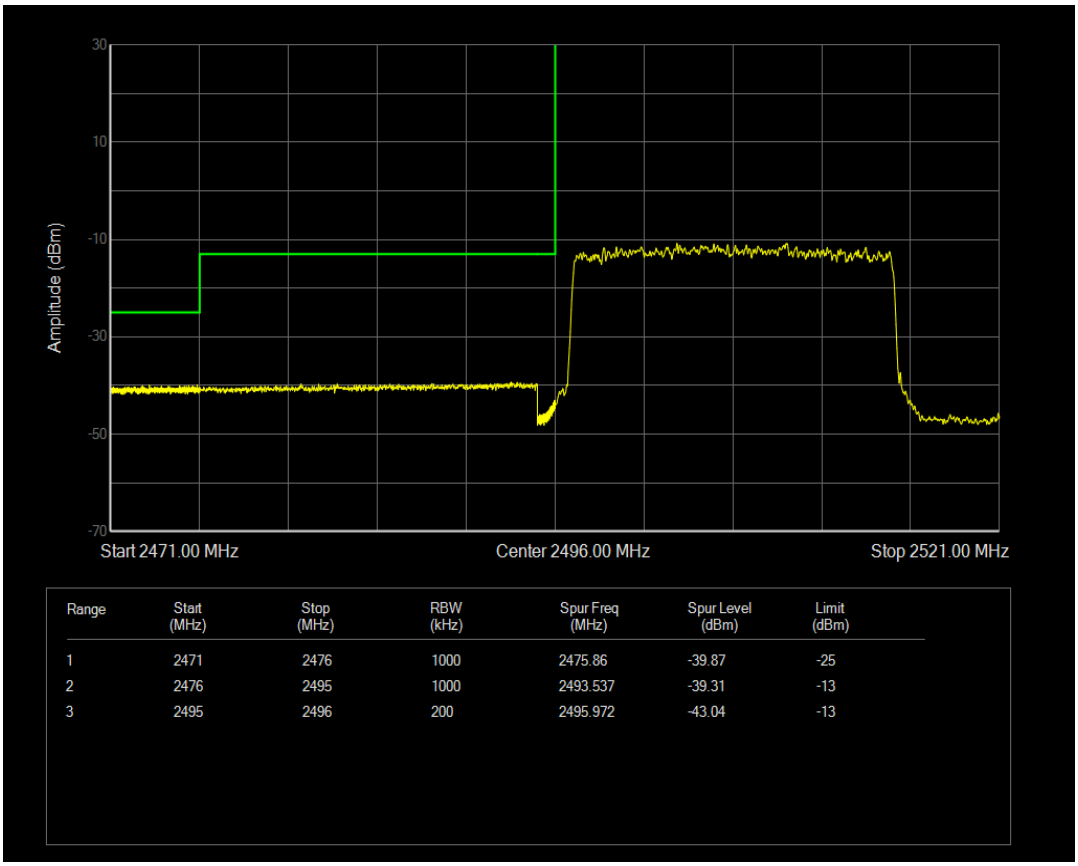
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2476	1000	2475.815	-39.81	-25
2	2476	2495	1000	2494.886	-39.98	-13
3	2495	2496	200	2495.993	-38.15	-13

Band41 QPSK BW=20MHz Channel=39750 RB Size=1 Position=#Max



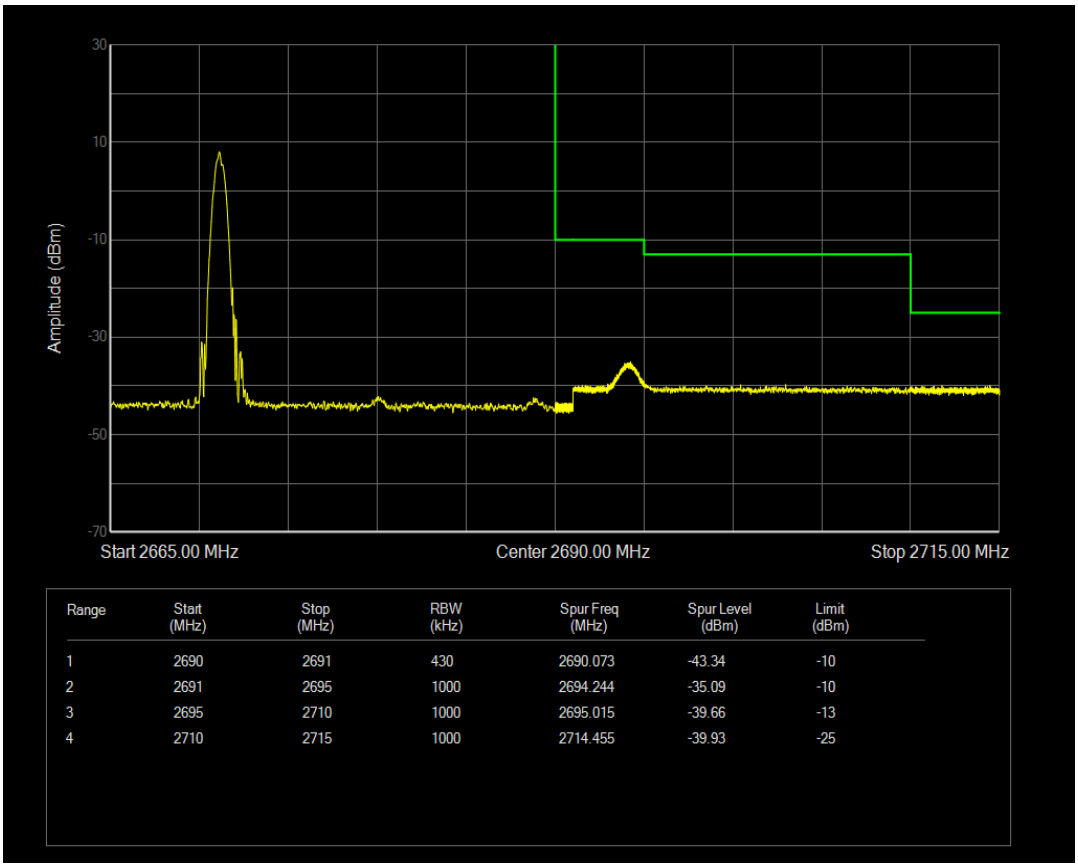
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2476	1000	2474.15	-40.13	-25
2	2476	2495	1000	2484.094	-39.88	-13
3	2495	2496	200	2495.015	-46.37	-13

Band41 QPSK BW=20MHz Channel=39750 RB Size=100 Position=#0



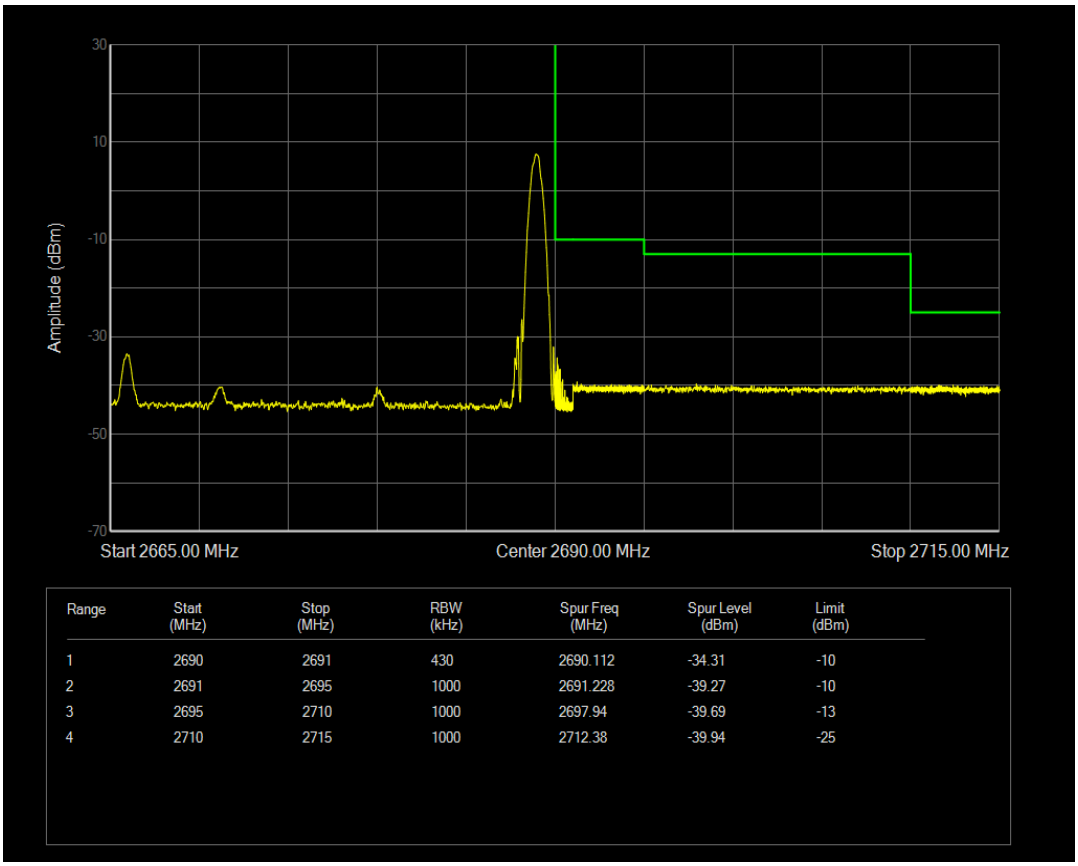
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2476	1000	2475.86	-39.87	-25
2	2476	2495	1000	2493.537	-39.31	-13
3	2495	2496	200	2495.972	-43.04	-13

Band41 QPSK BW=20MHz Channel=41490 RB Size=1 Position=#0



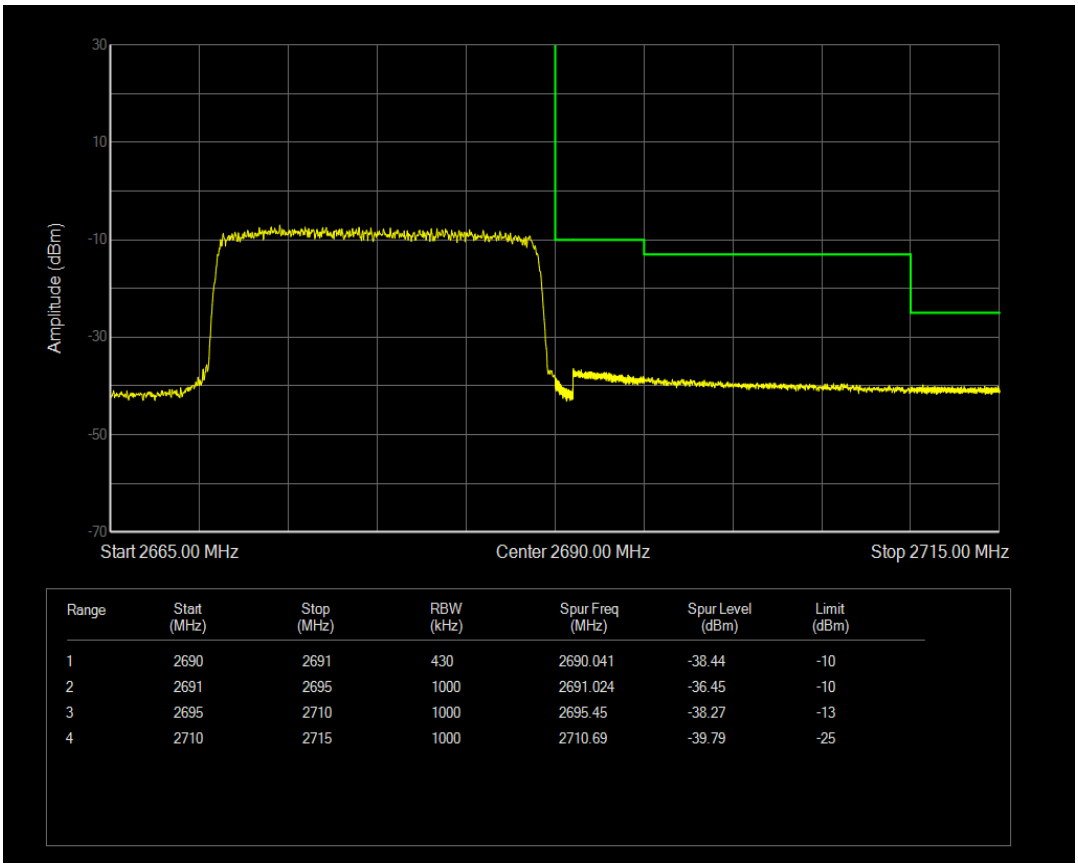
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	430	2690.073	-43.34	-10
2	2691	2695	1000	2694.244	-35.09	-10
3	2695	2710	1000	2695.015	-39.66	-13
4	2710	2715	1000	2714.455	-39.93	-25

Band41 QPSK BW=20MHz Channel=41490 RB Size=1 Position=#Max



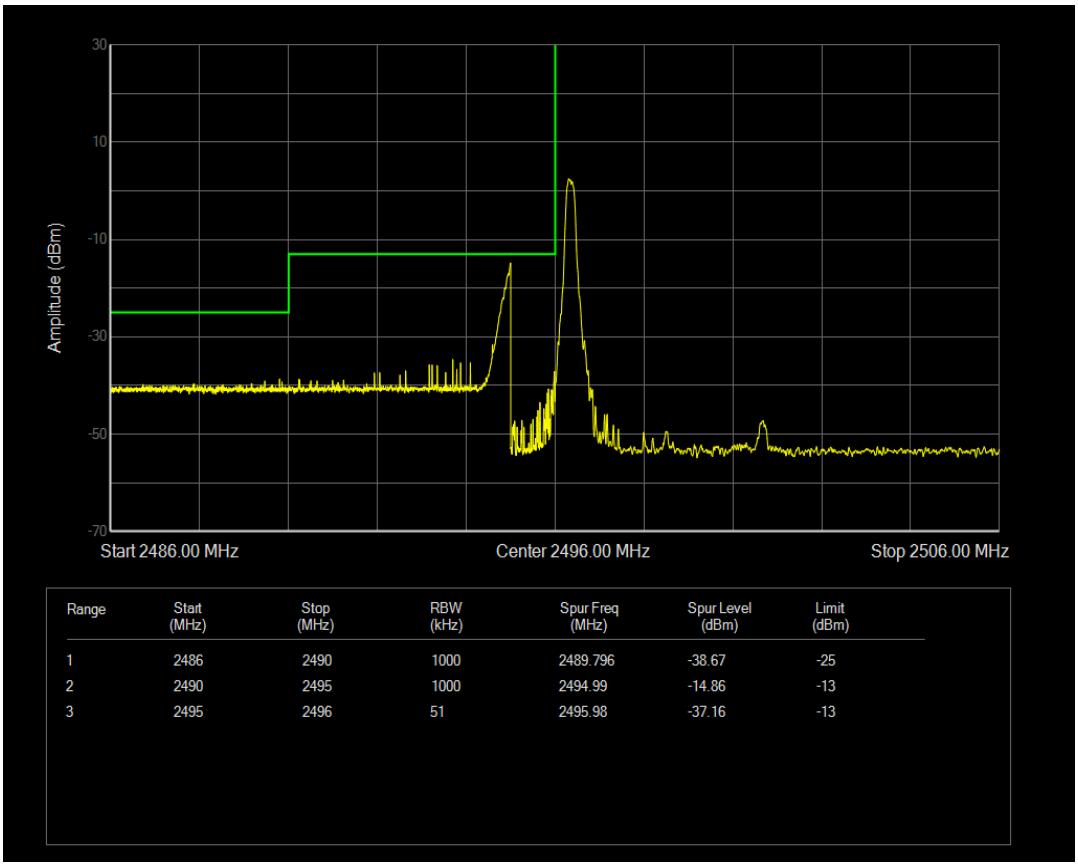
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	430	2690.112	-34.31	-10
2	2691	2695	1000	2691.228	-39.27	-10
3	2695	2710	1000	2697.94	-39.69	-13
4	2710	2715	1000	2712.38	-39.94	-25

Band41 QPSK BW=20MHz Channel=41490 RB Size=100 Position=#0



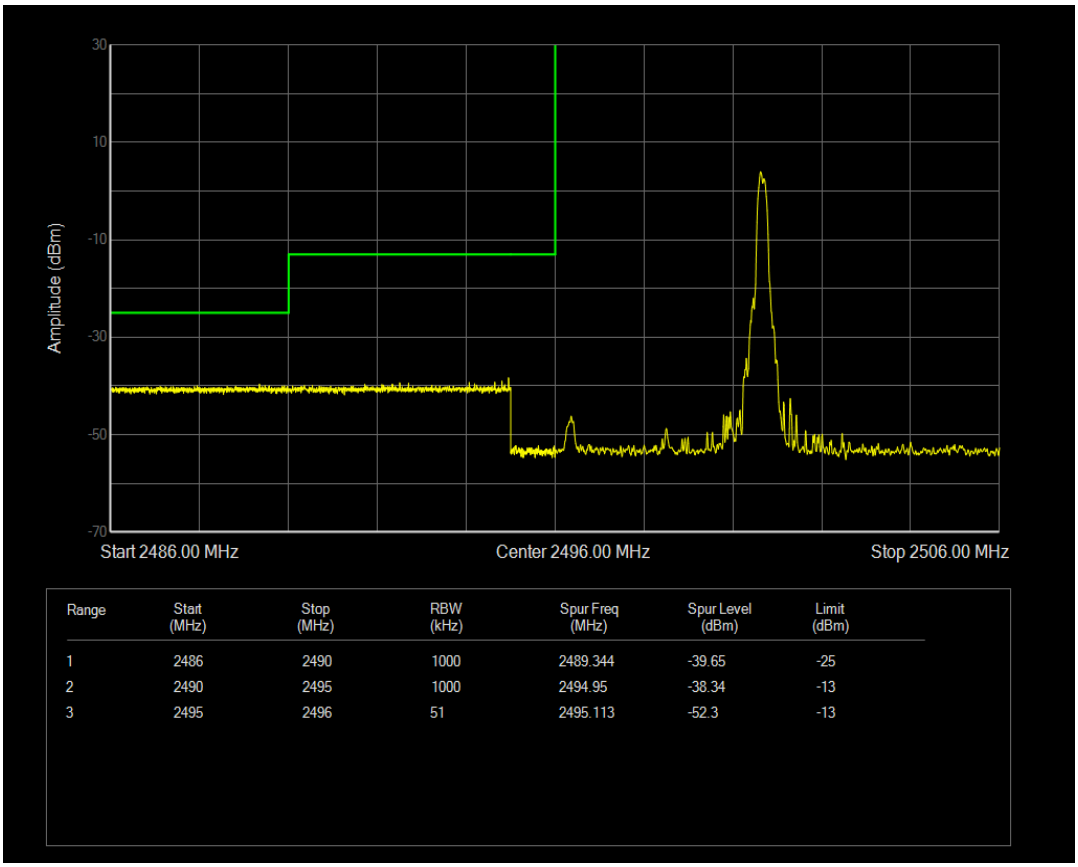
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	430	2690.041	-38.44	-10
2	2691	2695	1000	2691.024	-36.45	-10
3	2695	2710	1000	2695.45	-38.27	-13
4	2710	2715	1000	2710.69	-39.79	-25

Band41 QPSK BW=5MHz Channel=39675 RB Size=1 Position=#0



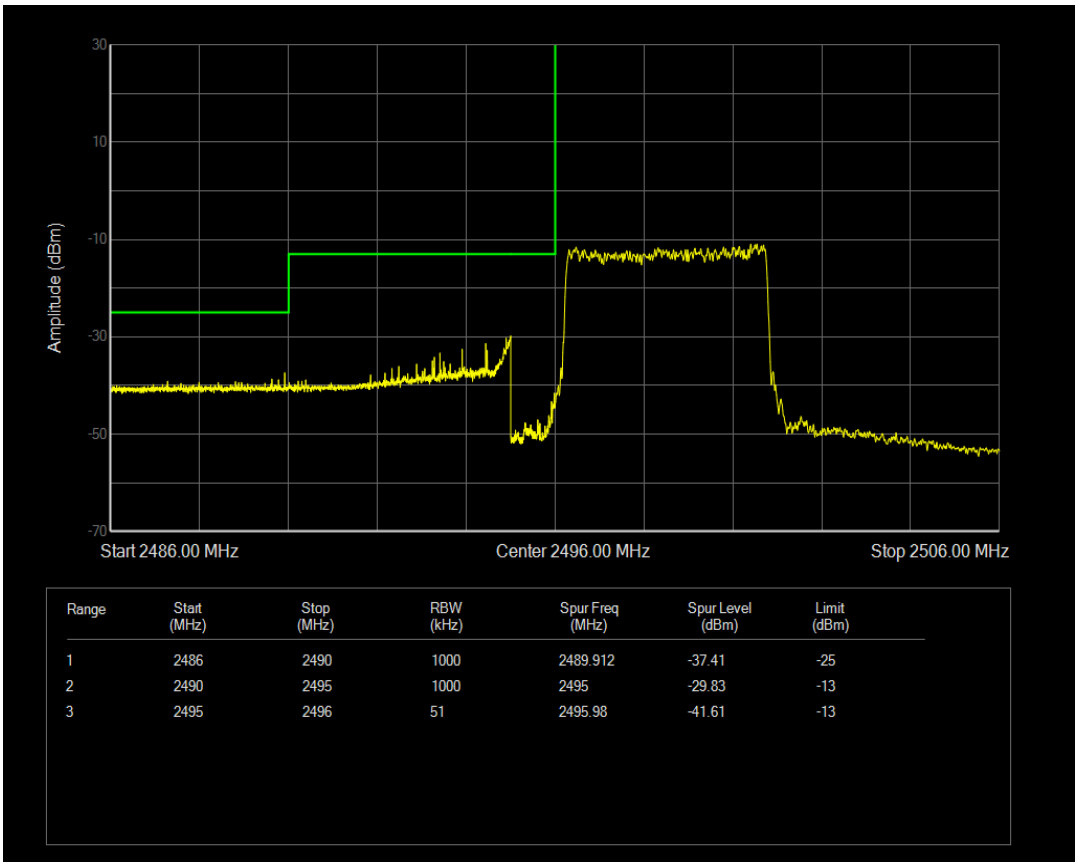
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.796	-38.67	-25
2	2490	2495	1000	2494.99	-14.86	-13
3	2495	2496	51	2495.98	-37.16	-13

Band41 QPSK BW=5MHz Channel=39675 RB Size=1 Position=#Max



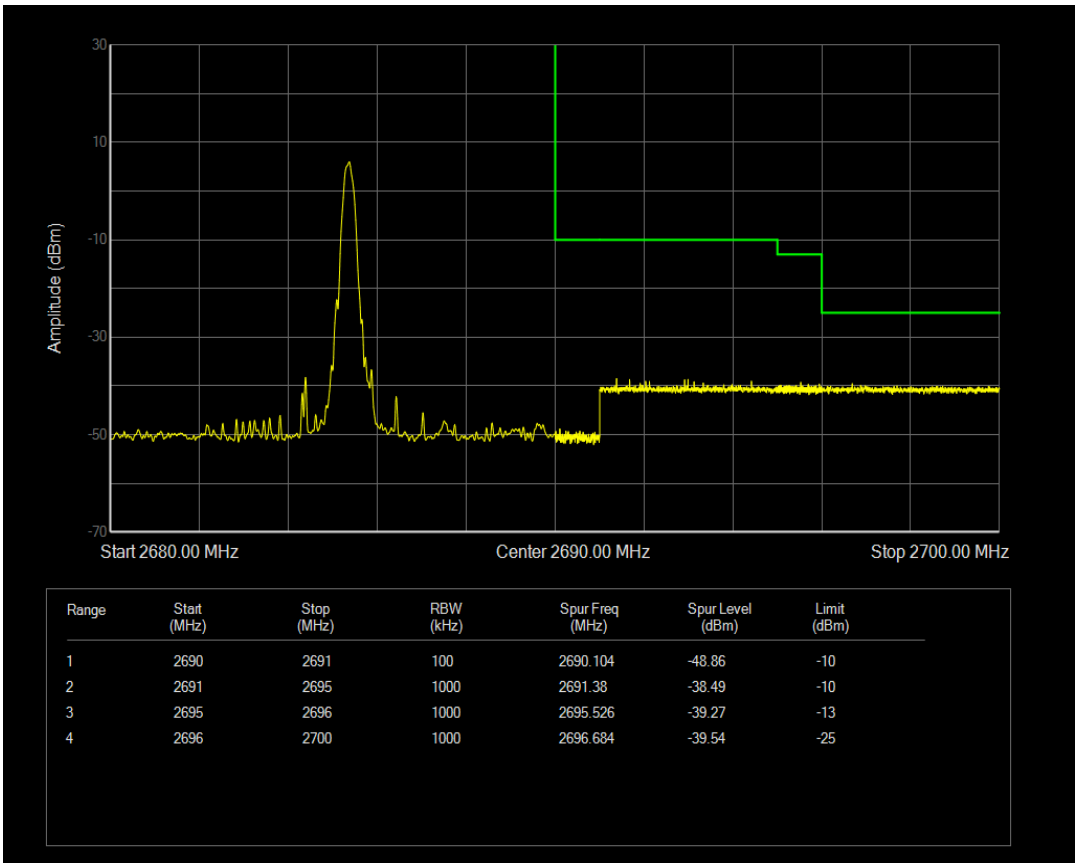
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.344	-39.65	-25
2	2490	2495	1000	2494.95	-38.34	-13
3	2495	2496	51	2495.113	-52.3	-13

Band41 QPSK BW=5MHz Channel=39675 RB Size=25 Position=#0



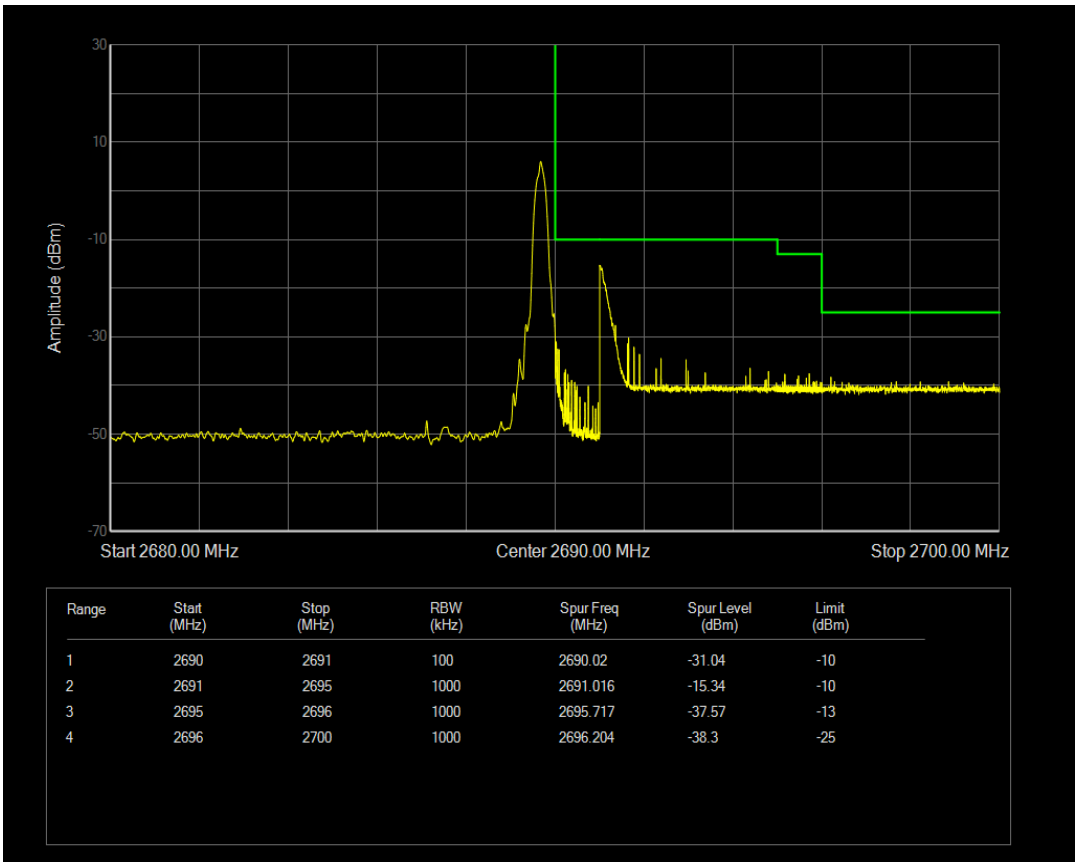
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.912	-37.41	-25
2	2490	2495	1000	2495	-29.83	-13
3	2495	2496	51	2495.98	-41.61	-13

Band41 QPSK BW=5MHz Channel=41565 RB Size=1 Position=#0



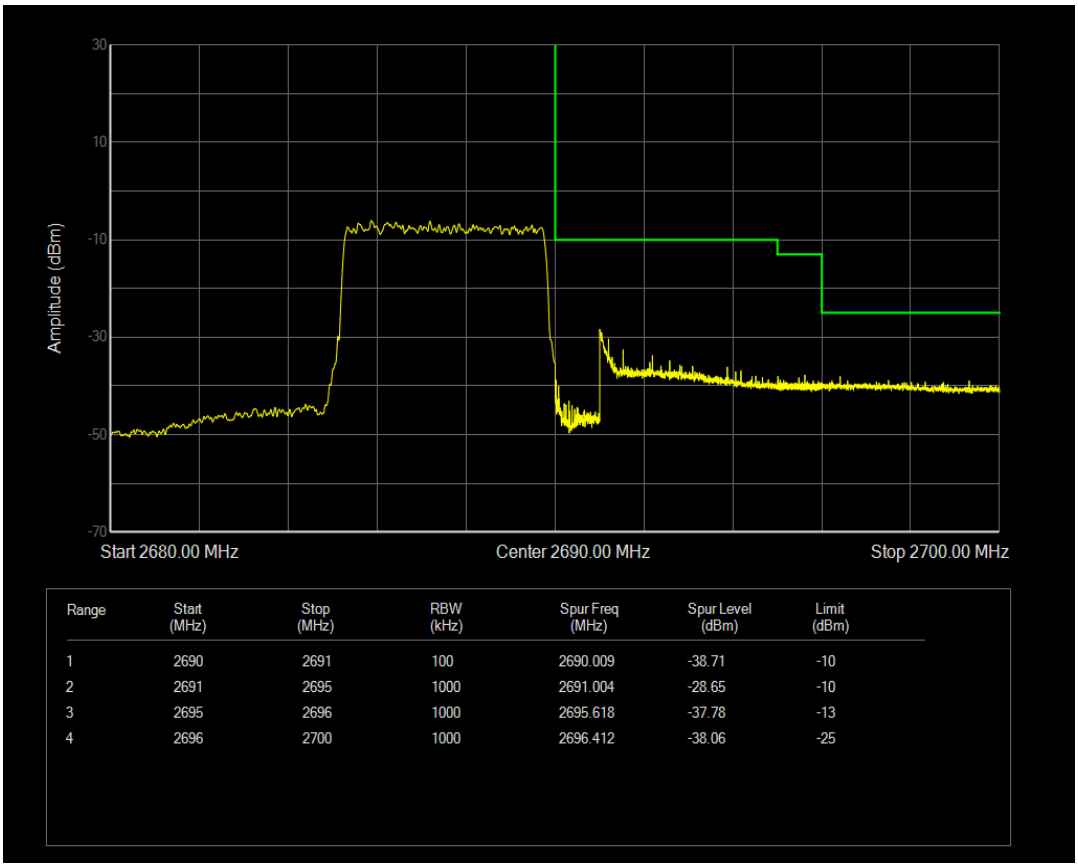
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	100	2690.104	-48.86	-10
2	2691	2695	1000	2691.38	-38.49	-10
3	2695	2696	1000	2695.526	-39.27	-13
4	2696	2700	1000	2696.684	-39.54	-25

Band41 QPSK BW=5MHz Channel=41565 RB Size=1 Position=#Max



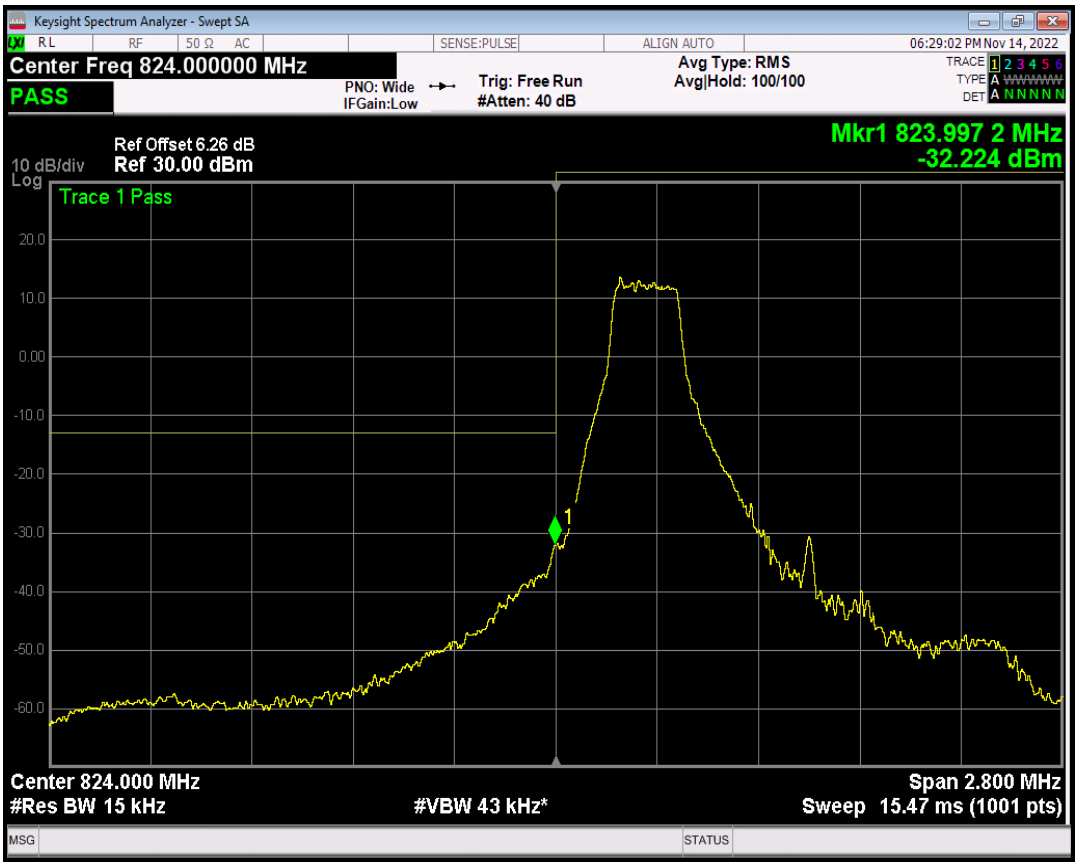
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	100	2690.02	-31.04	-10
2	2691	2695	1000	2691.016	-15.34	-10
3	2695	2696	1000	2695.717	-37.57	-13
4	2696	2700	1000	2696.204	-38.3	-25

Band41 QPSK BW=5MHz Channel=41565 RB Size=25 Position=#0



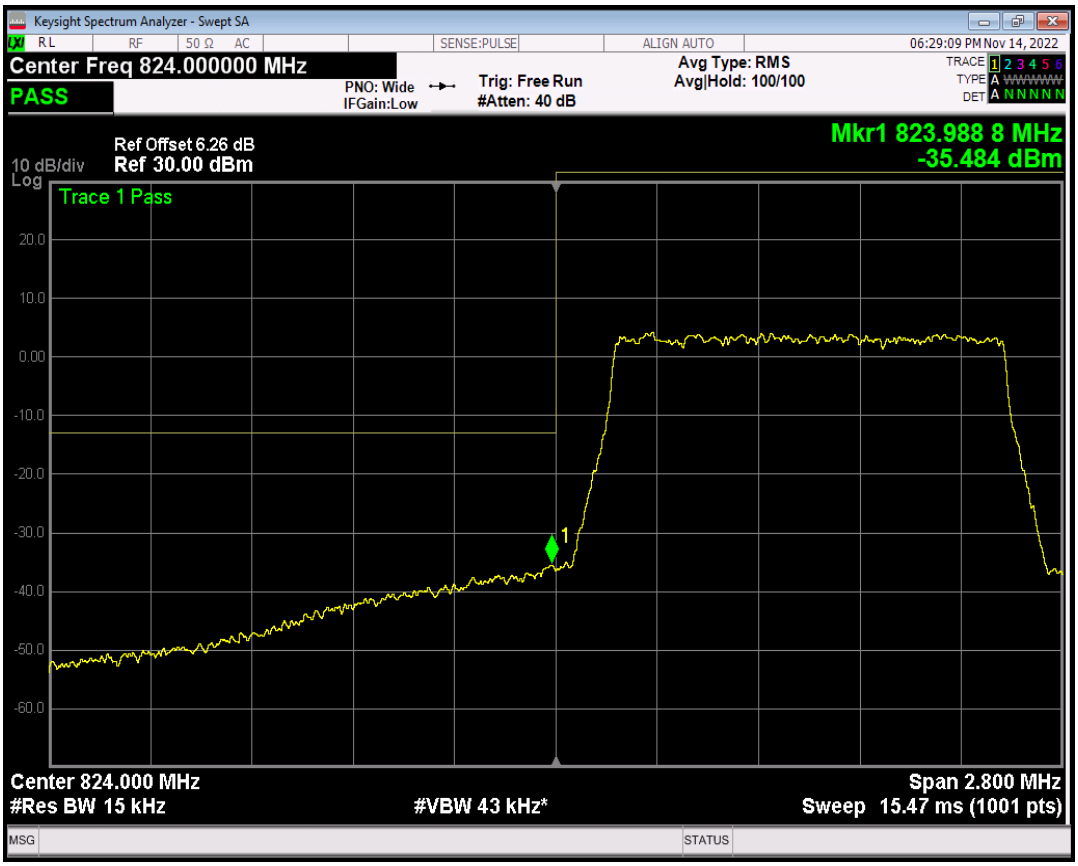
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	100	2690.009	-38.71	-10
2	2691	2695	1000	2691.004	-28.65	-10
3	2695	2696	1000	2695.618	-37.78	-13
4	2696	2700	1000	2696.412	-38.06	-25

Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=1 Position=#0



Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=1 Position=#Max

Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0

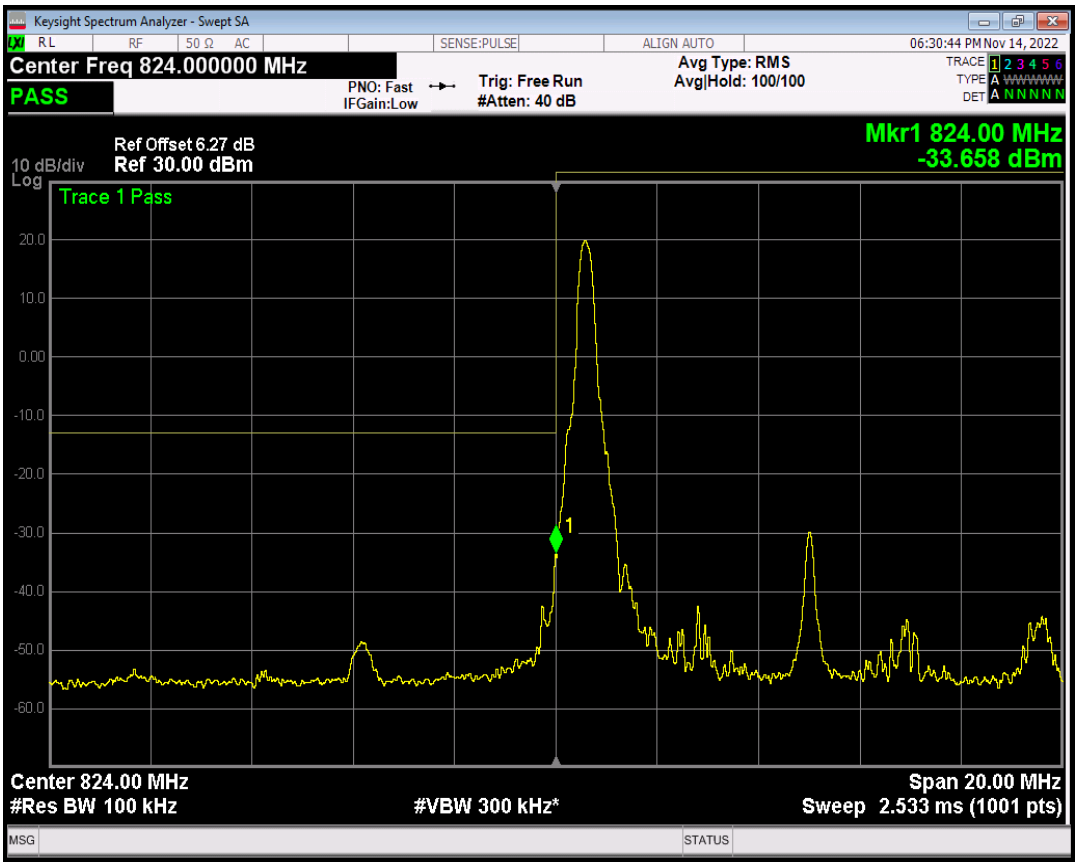


Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=1 Position=#0

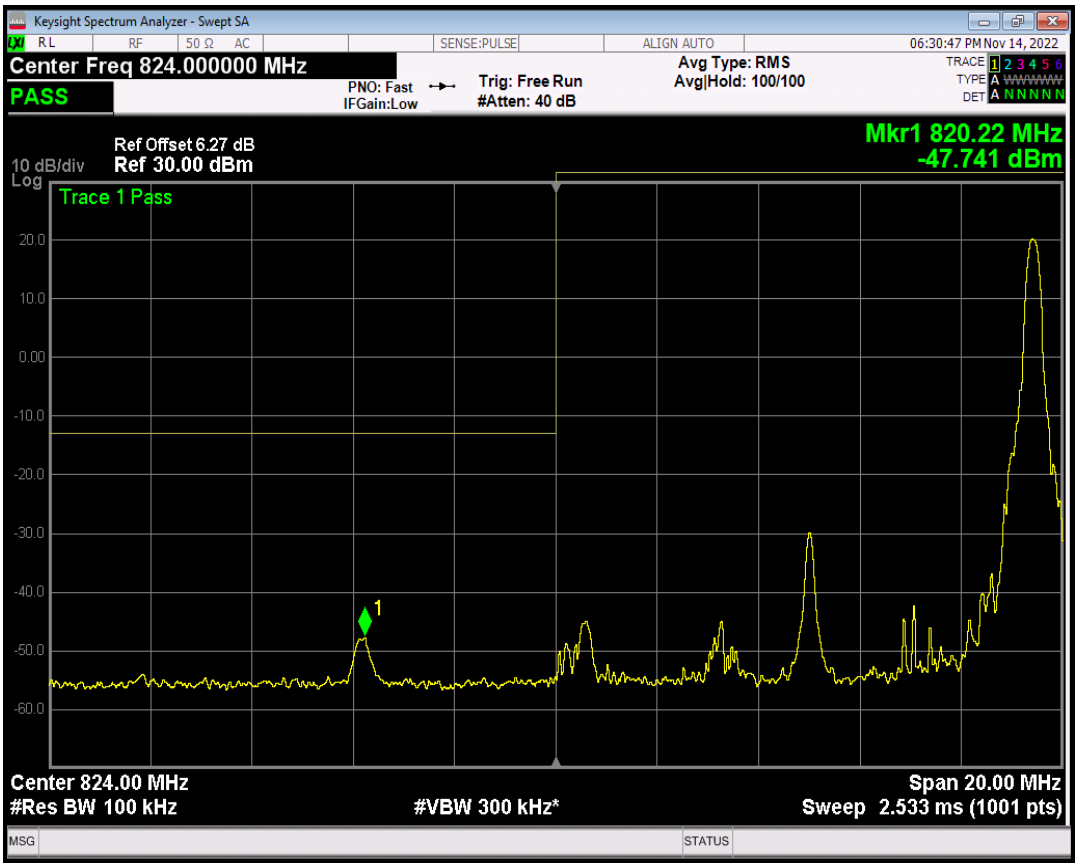
Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=1 Position=#Max

Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0

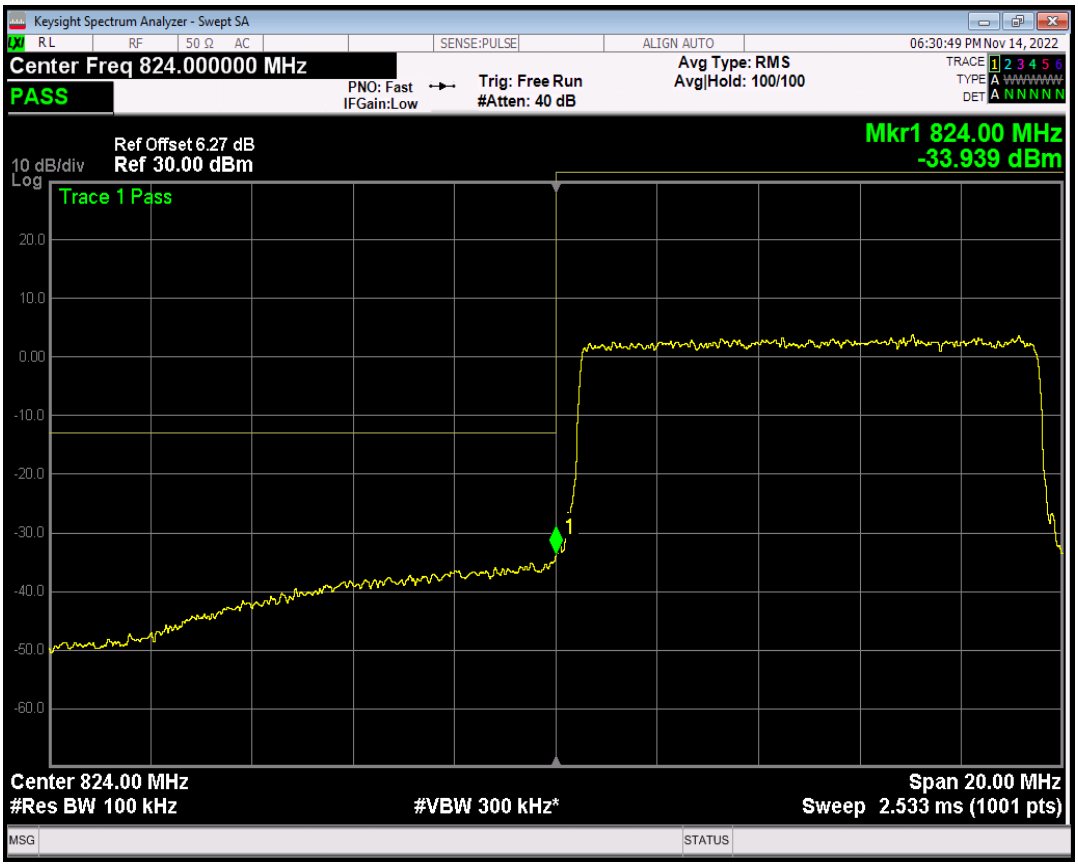
Band5 QAM16 BW=10MHz Channel=20450 RB Size=1 Position=#0



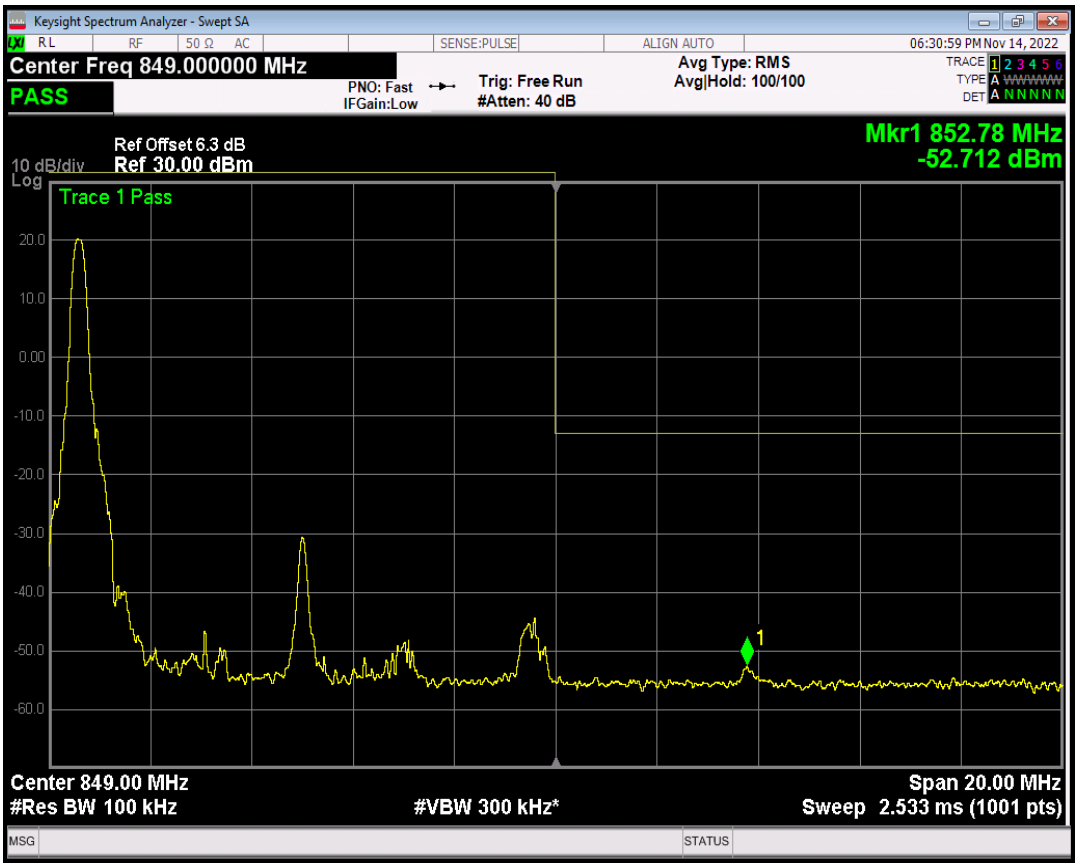
Band5 QAM16 BW=10MHz Channel=20450 RB Size=1 Position=#Max



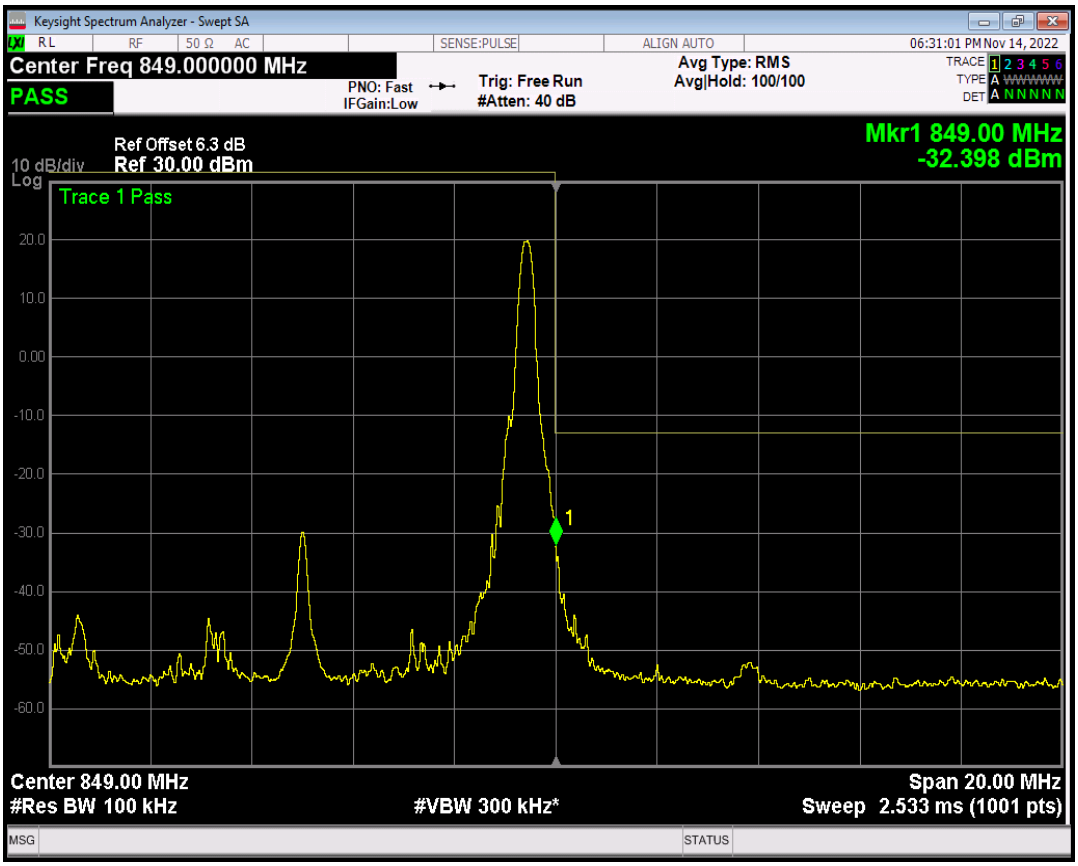
Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0



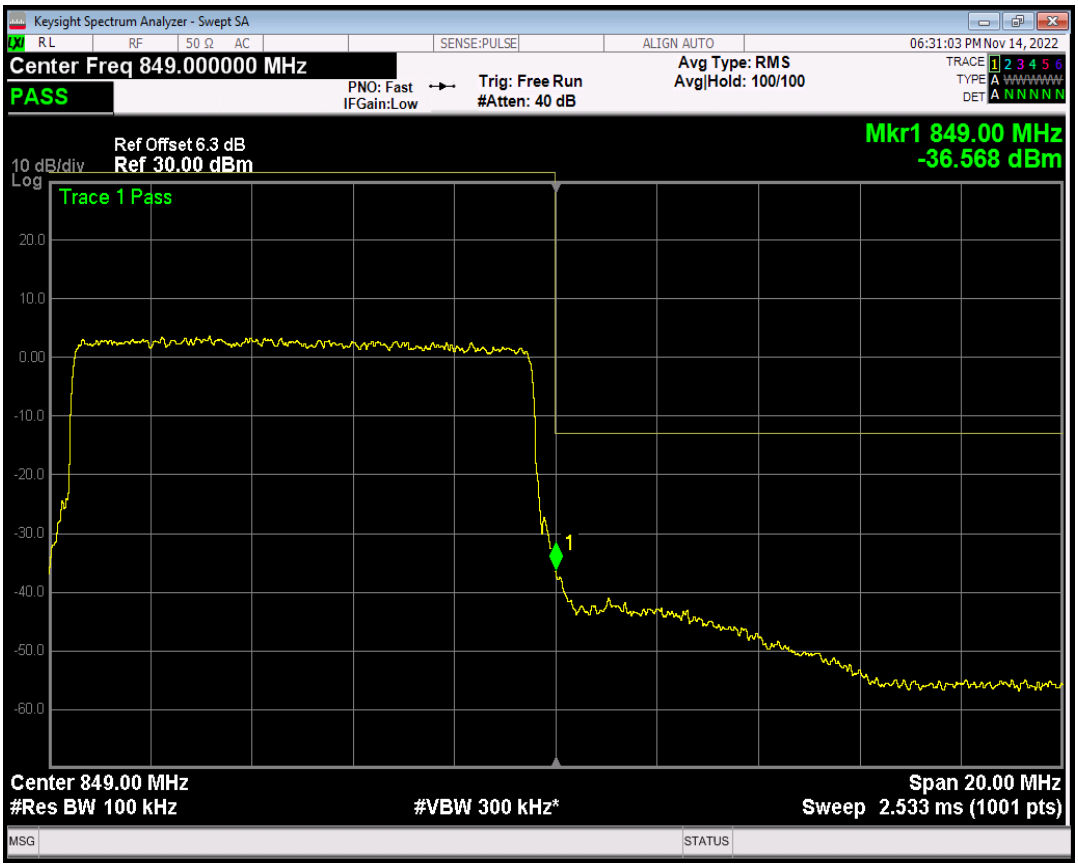
Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#0



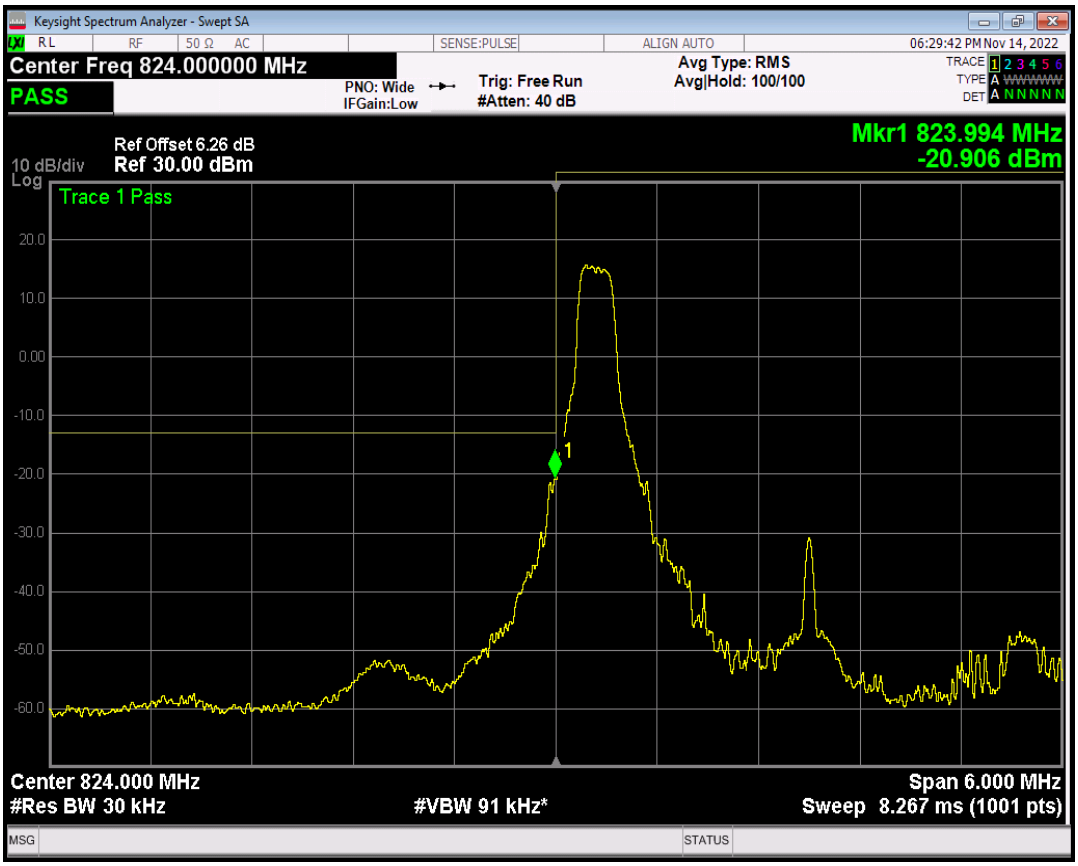
Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#Max



Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0

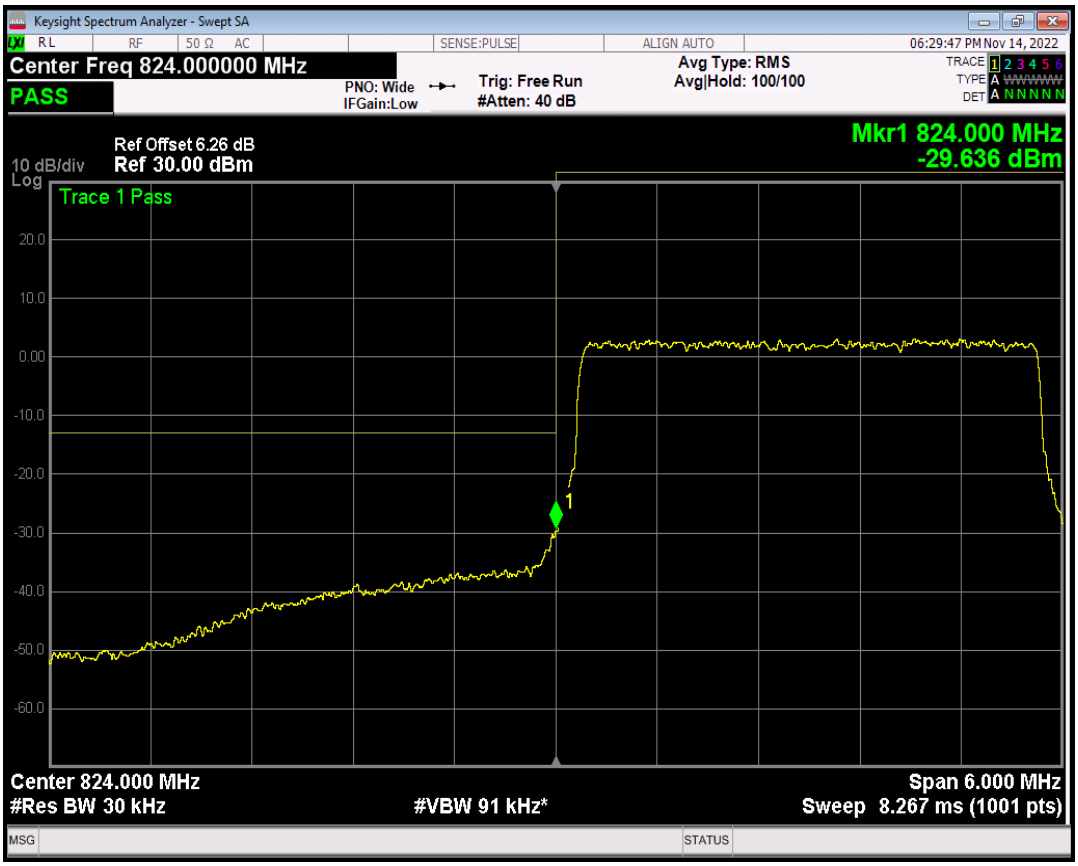


Band5 QAM16 BW=3MHz Channel=20415 RB Size=1 Position=#0



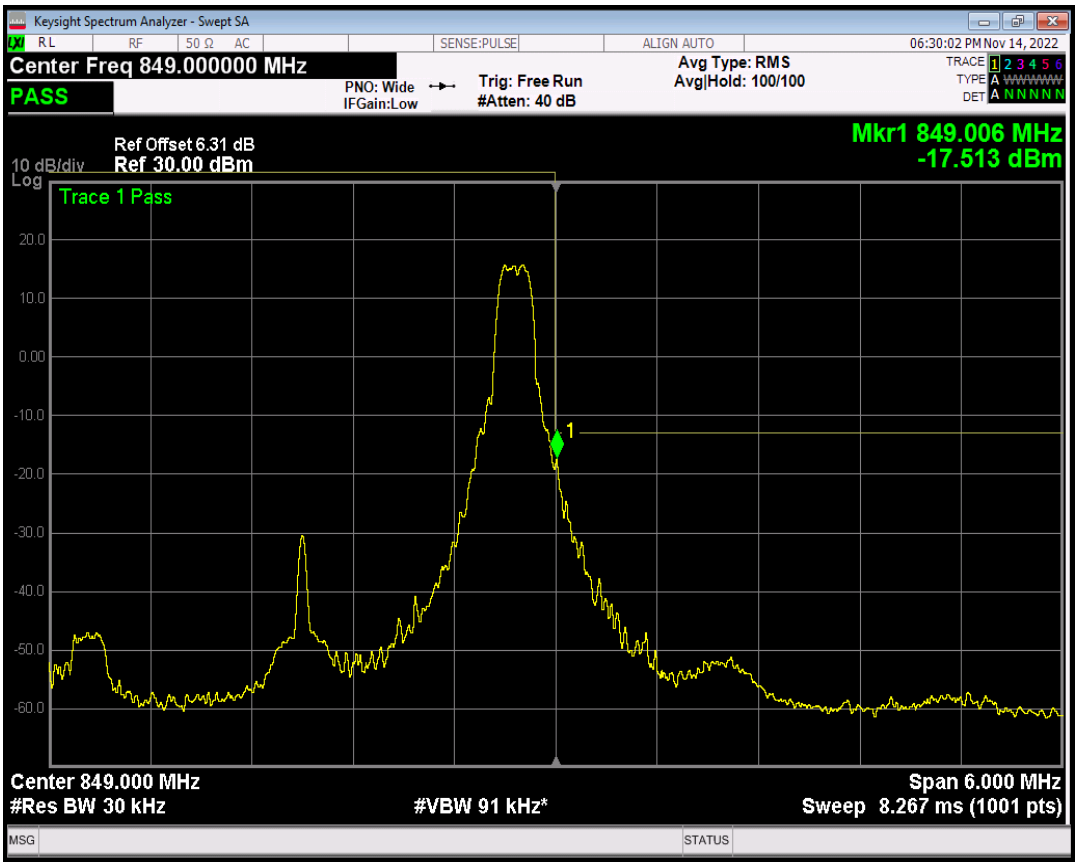
Band5 QAM16 BW=3MHz Channel=20415 RB Size=1 Position=#Max

Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0

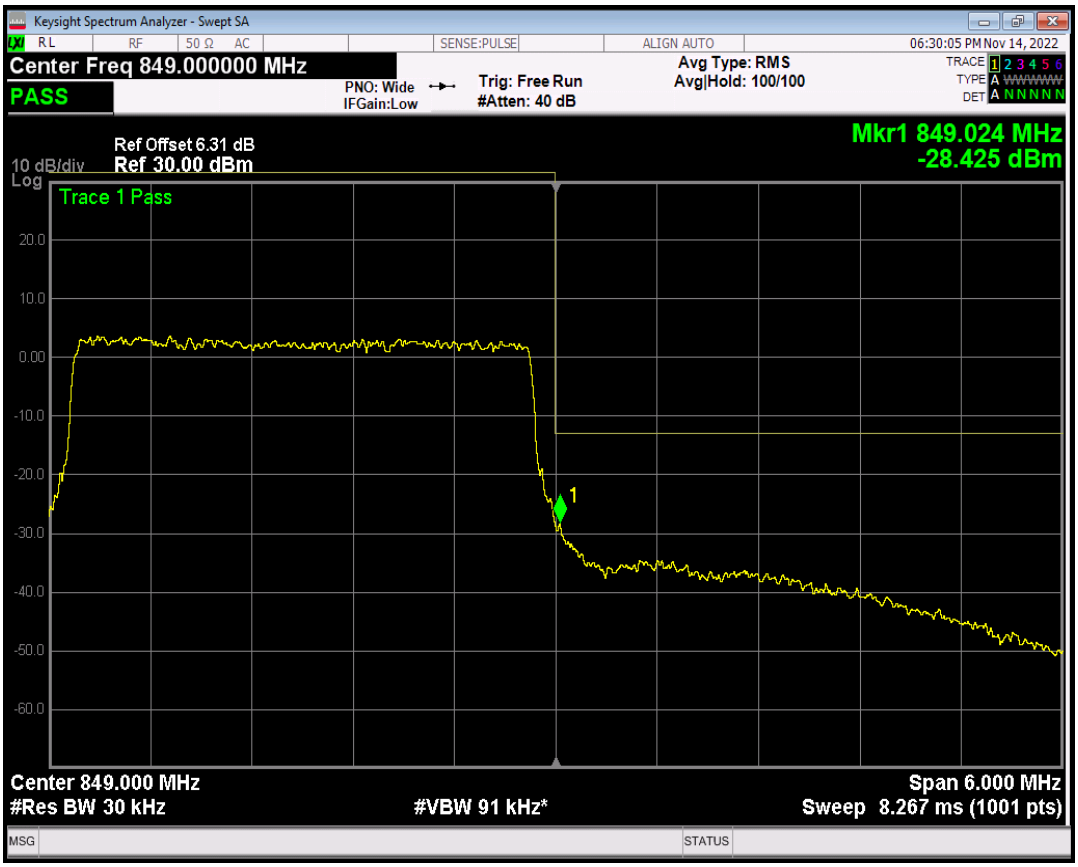


Band5 QAM16 BW=3MHz Channel=20635 RB Size=1 Position=#0

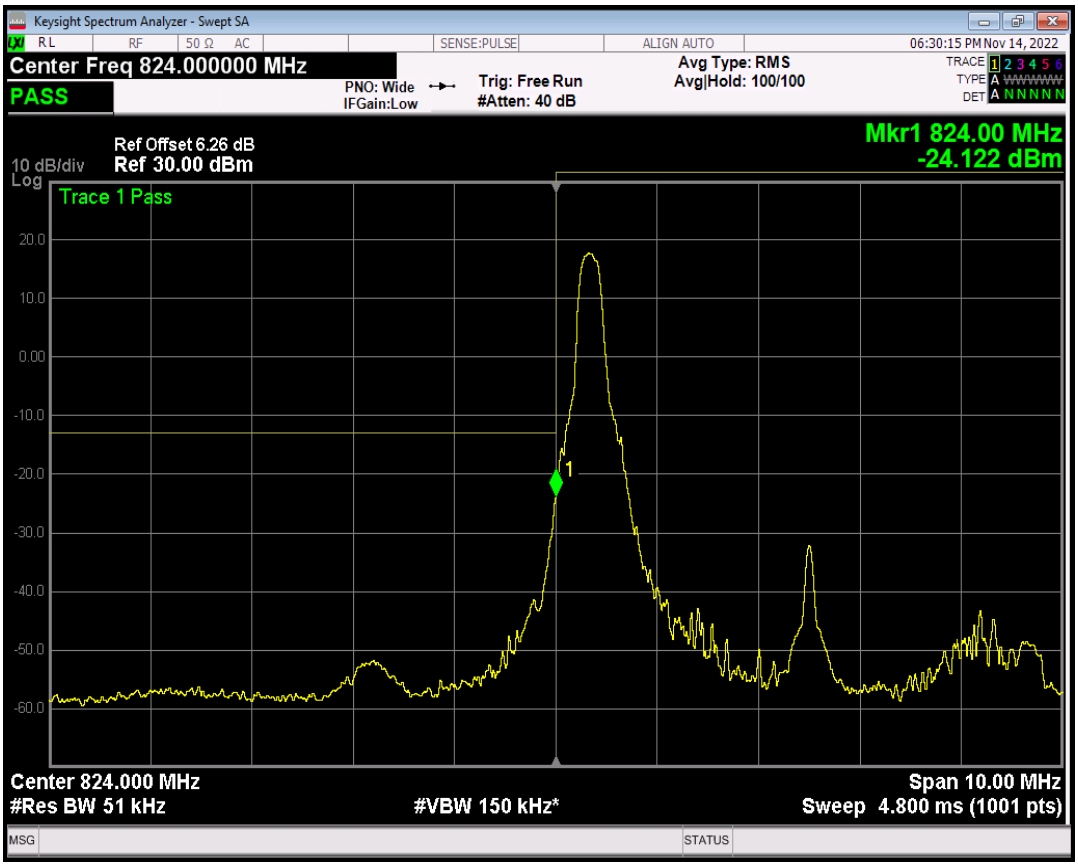
Band5 QAM16 BW=3MHz Channel=20635 RB Size=1 Position=#Max



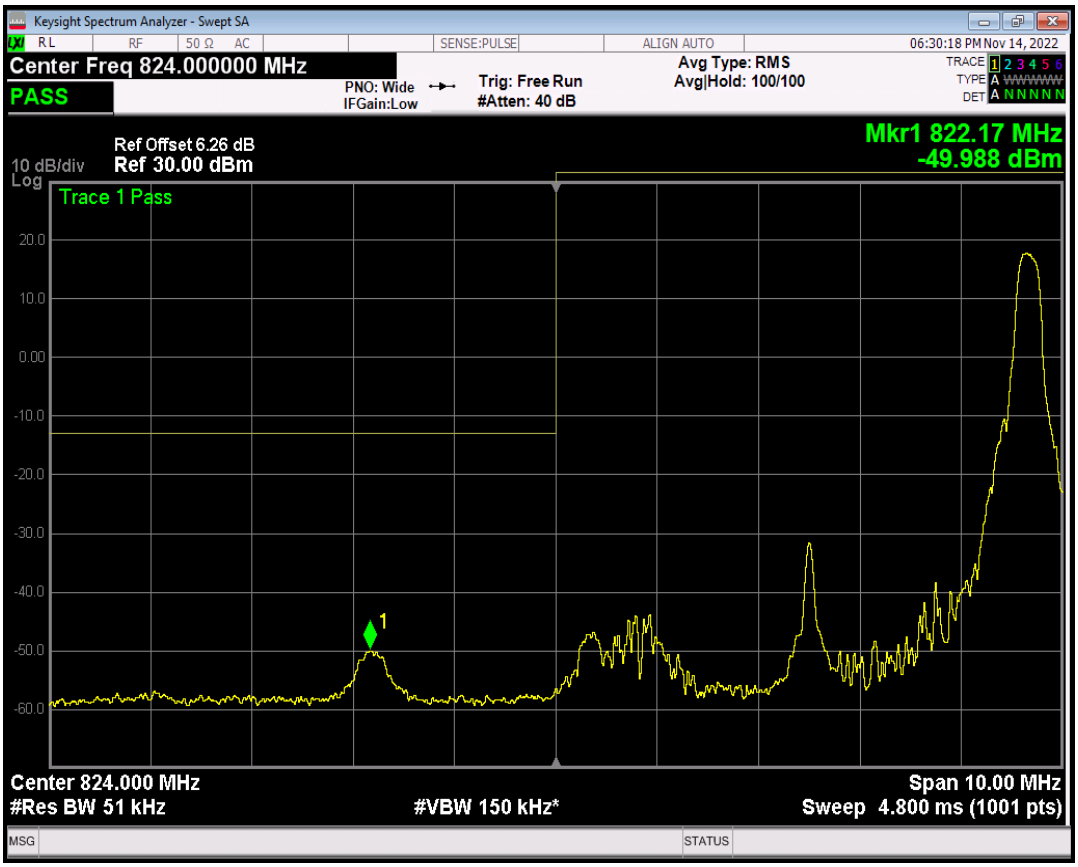
Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0



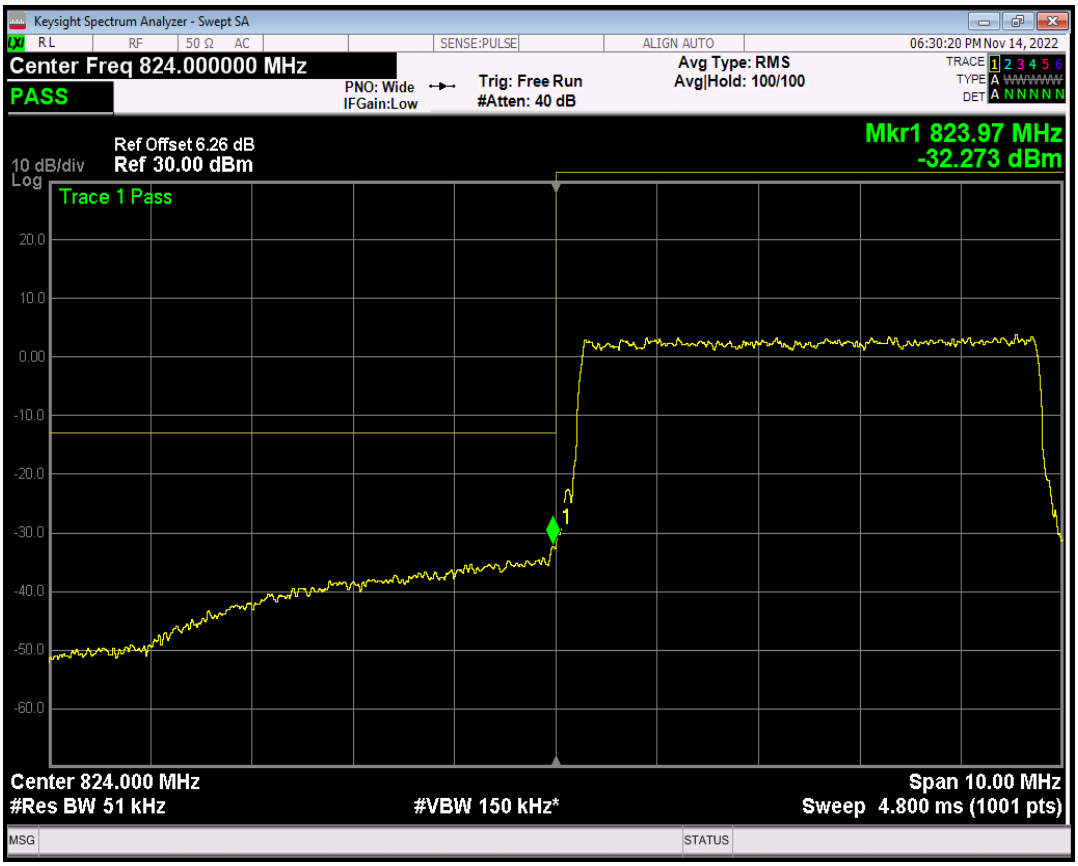
Band5 QAM16 BW=5MHz Channel=20425 RB Size=1 Position=#0



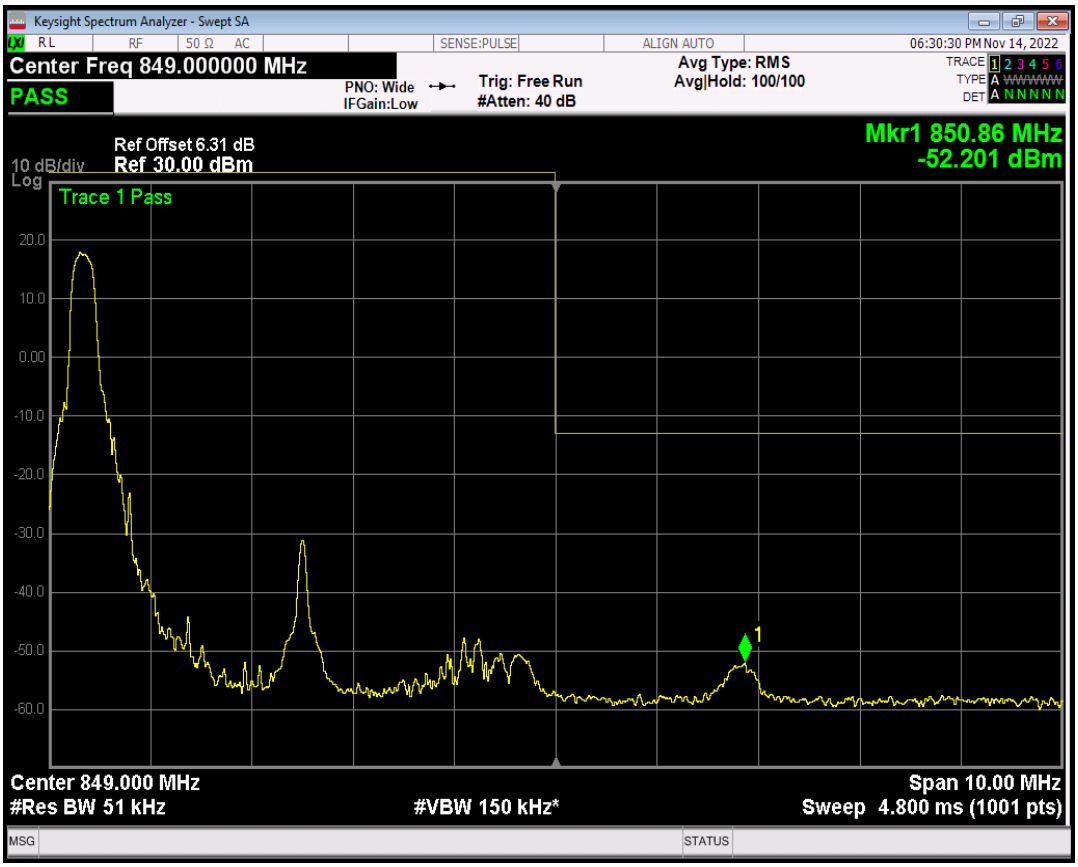
Band5 QAM16 BW=5MHz Channel=20425 RB Size=1 Position=#Max



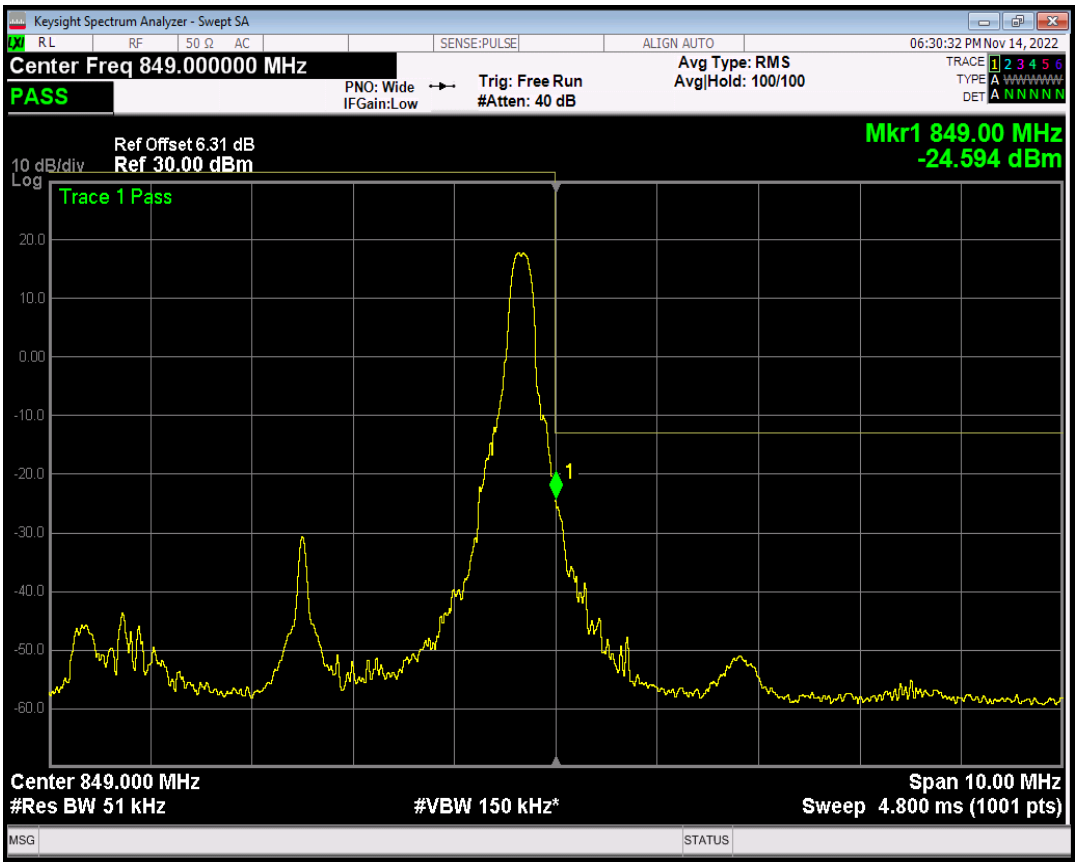
Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0



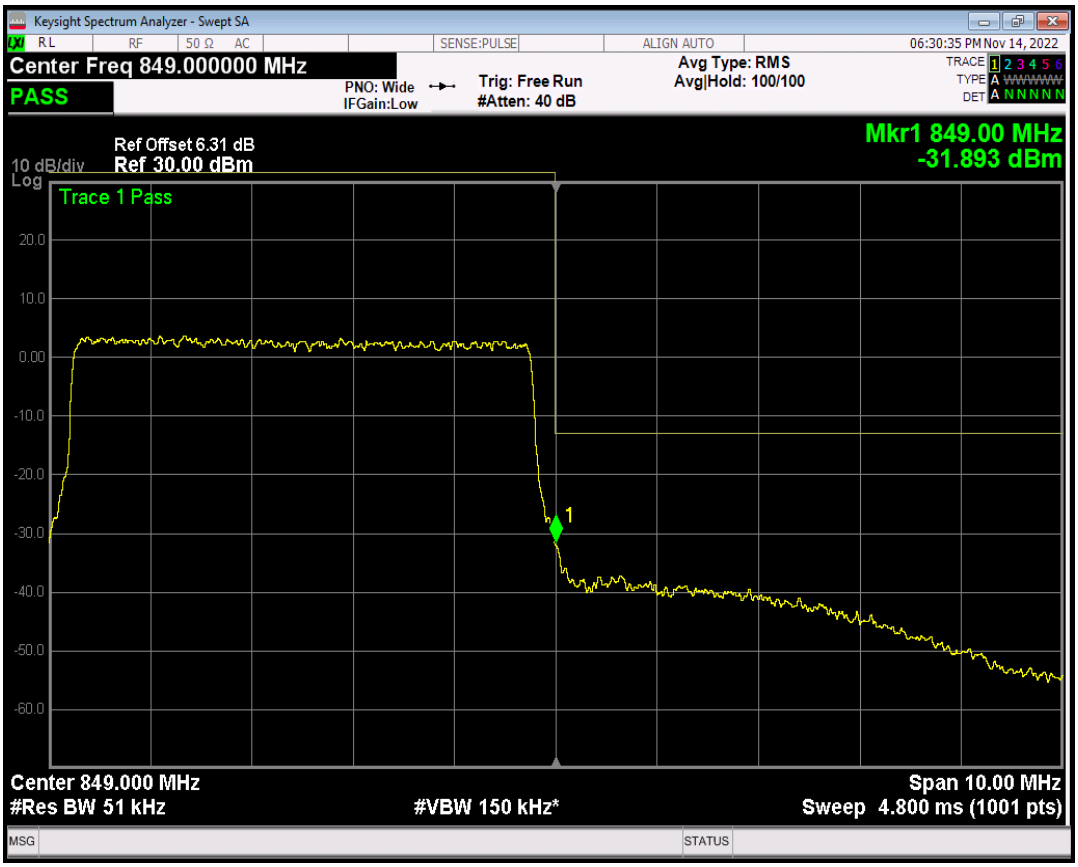
Band5 QAM16 BW=5MHz Channel=20625 RB Size=1 Position=#0



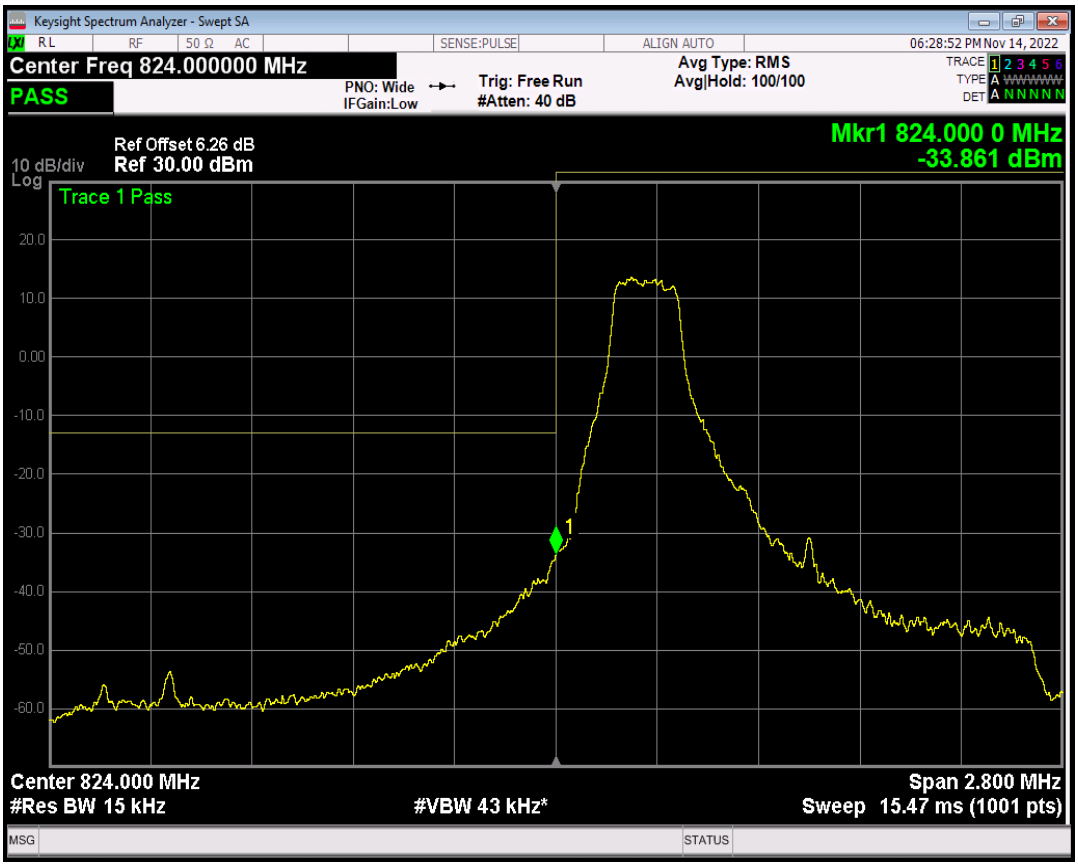
Band5 QAM16 BW=5MHz Channel=20625 RB Size=1 Position=#Max



Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0

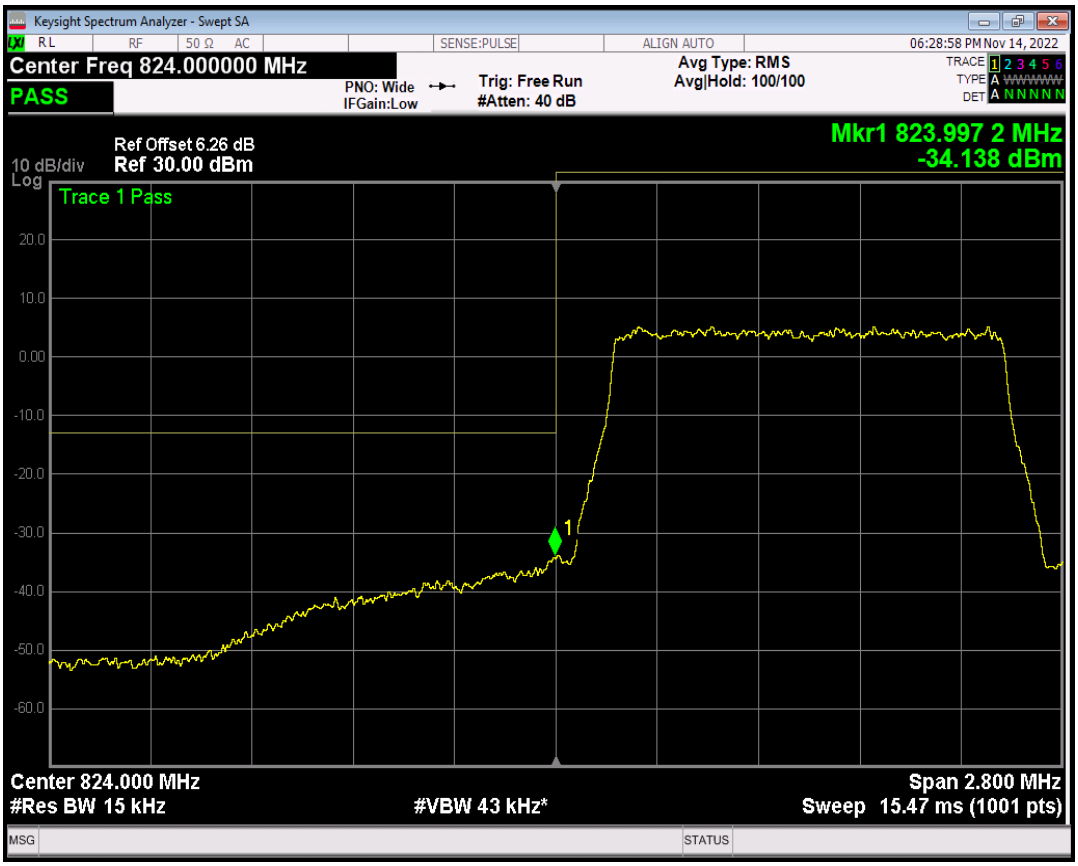


Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#Max

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0

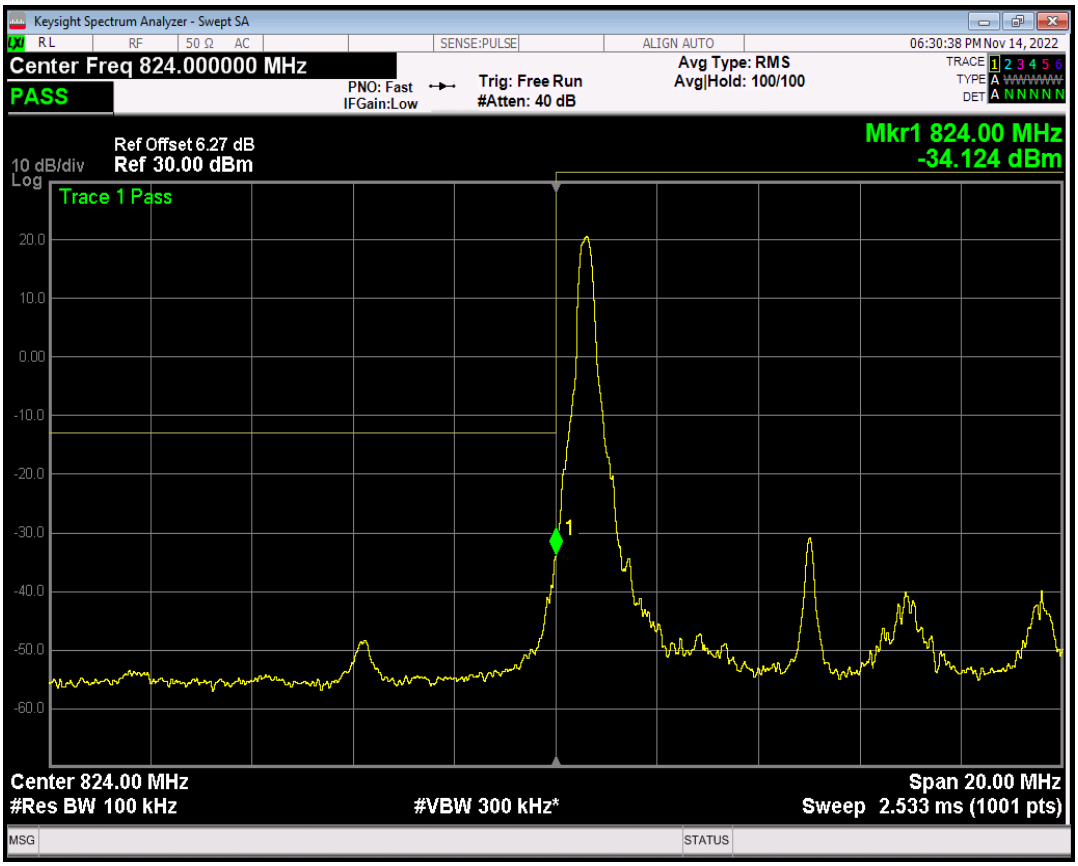


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0

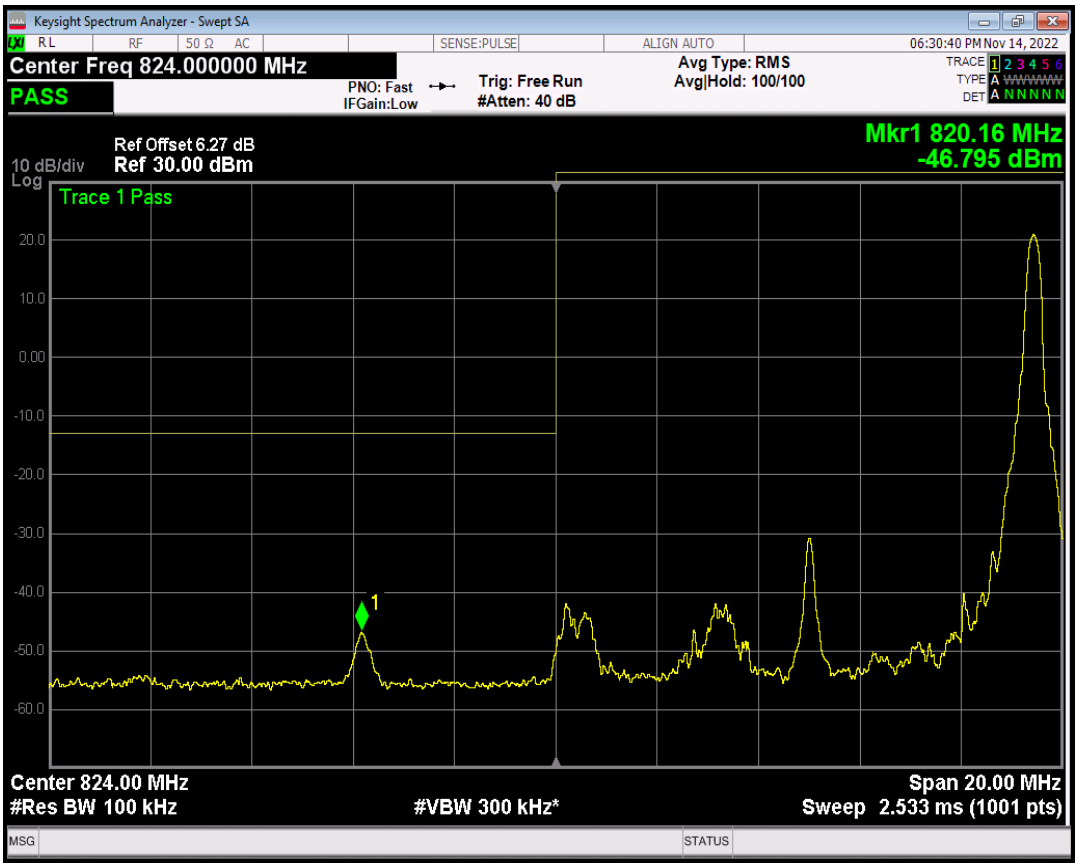
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#Max

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0

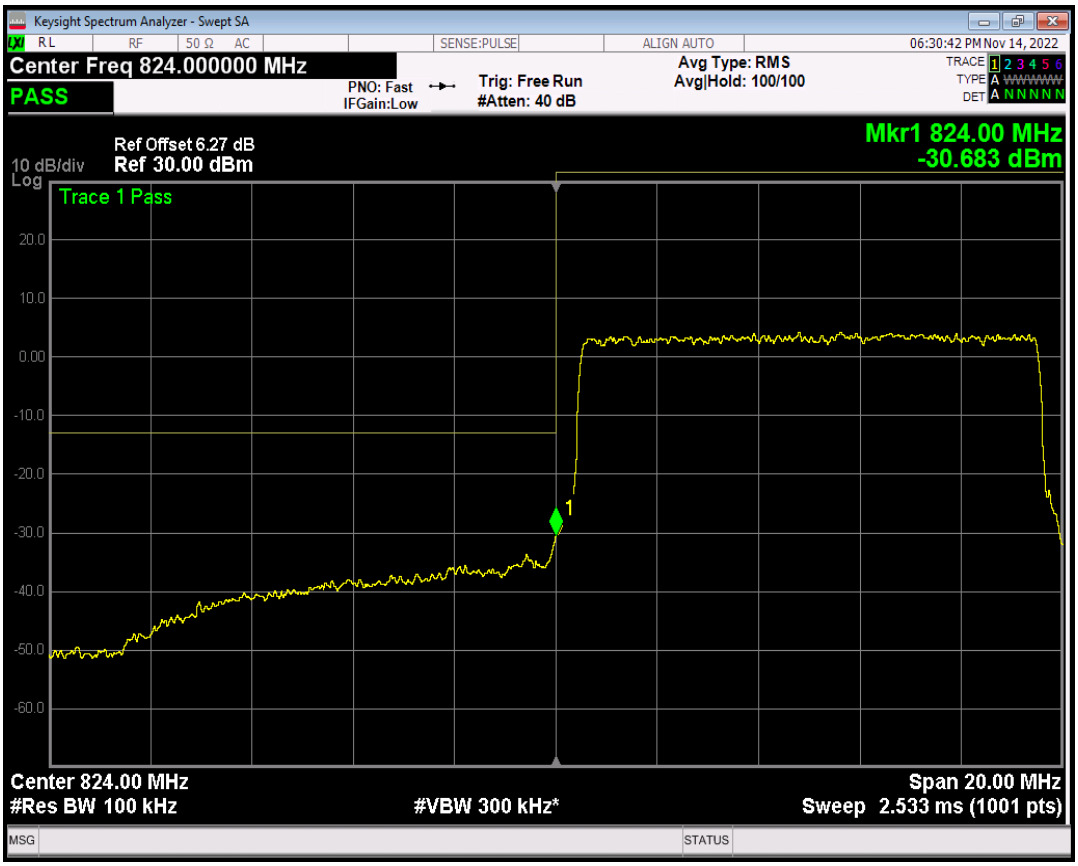
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



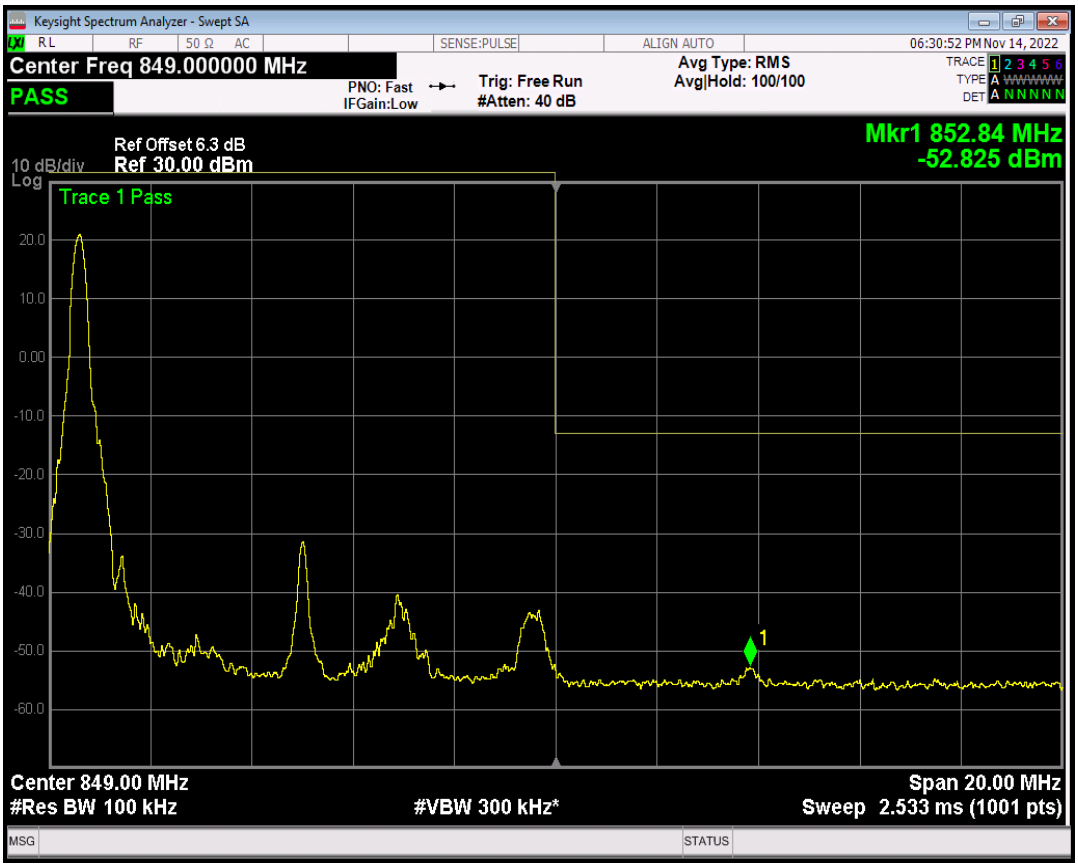
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#Max



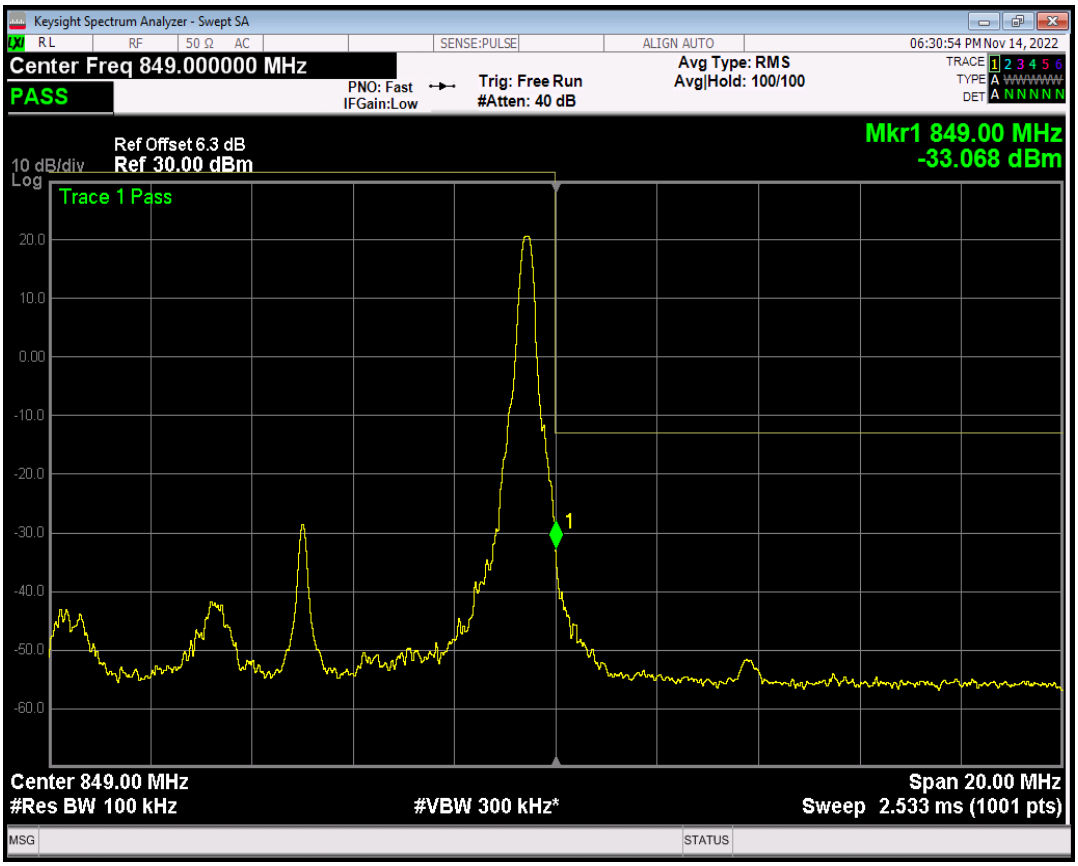
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



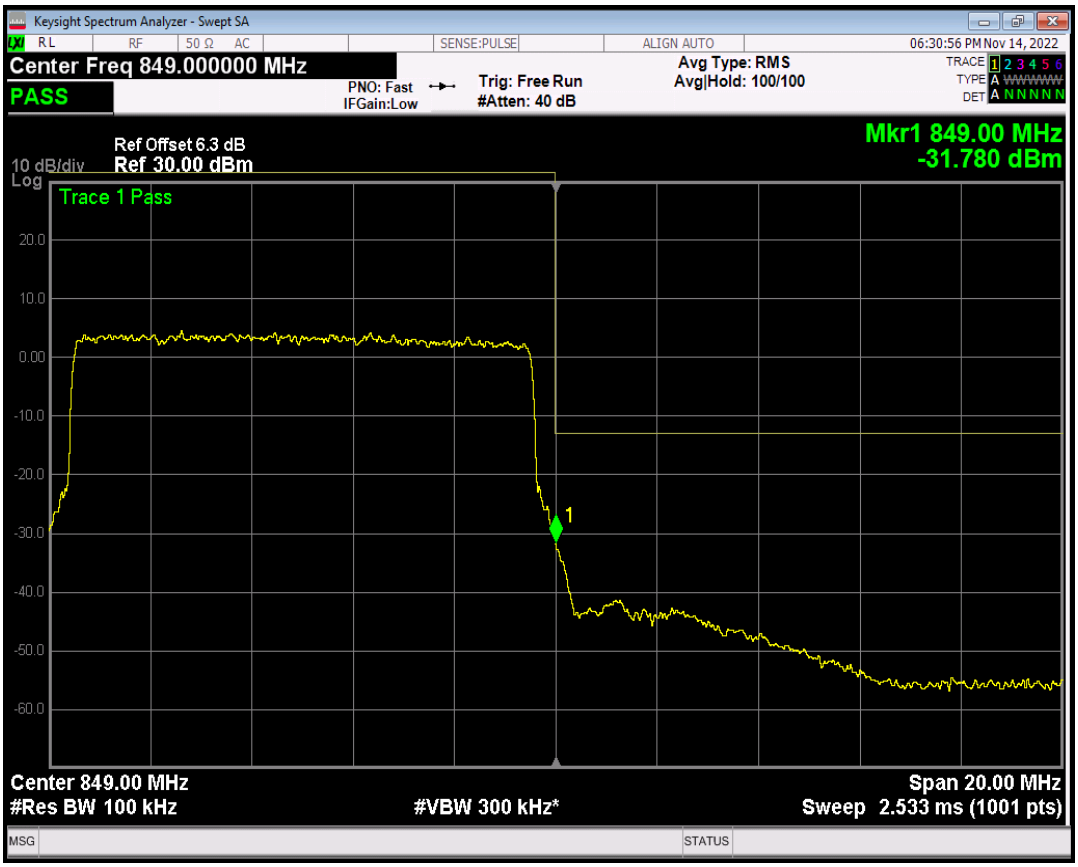
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



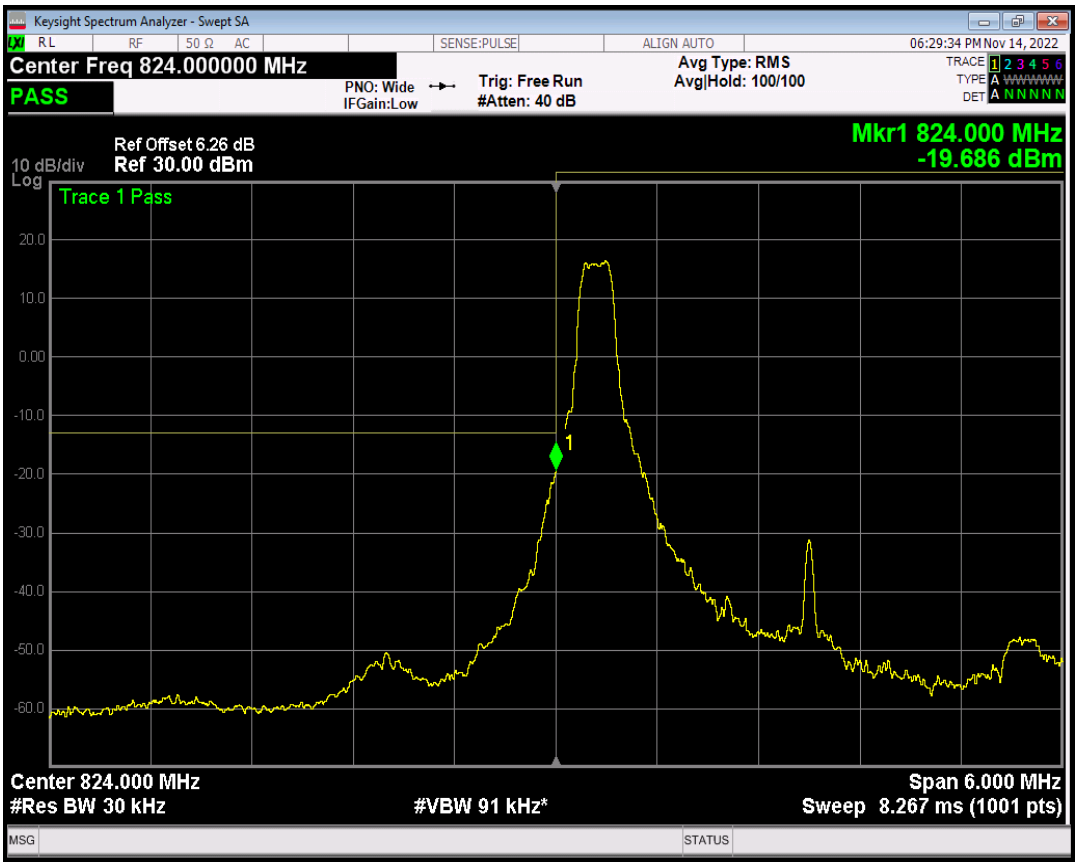
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0

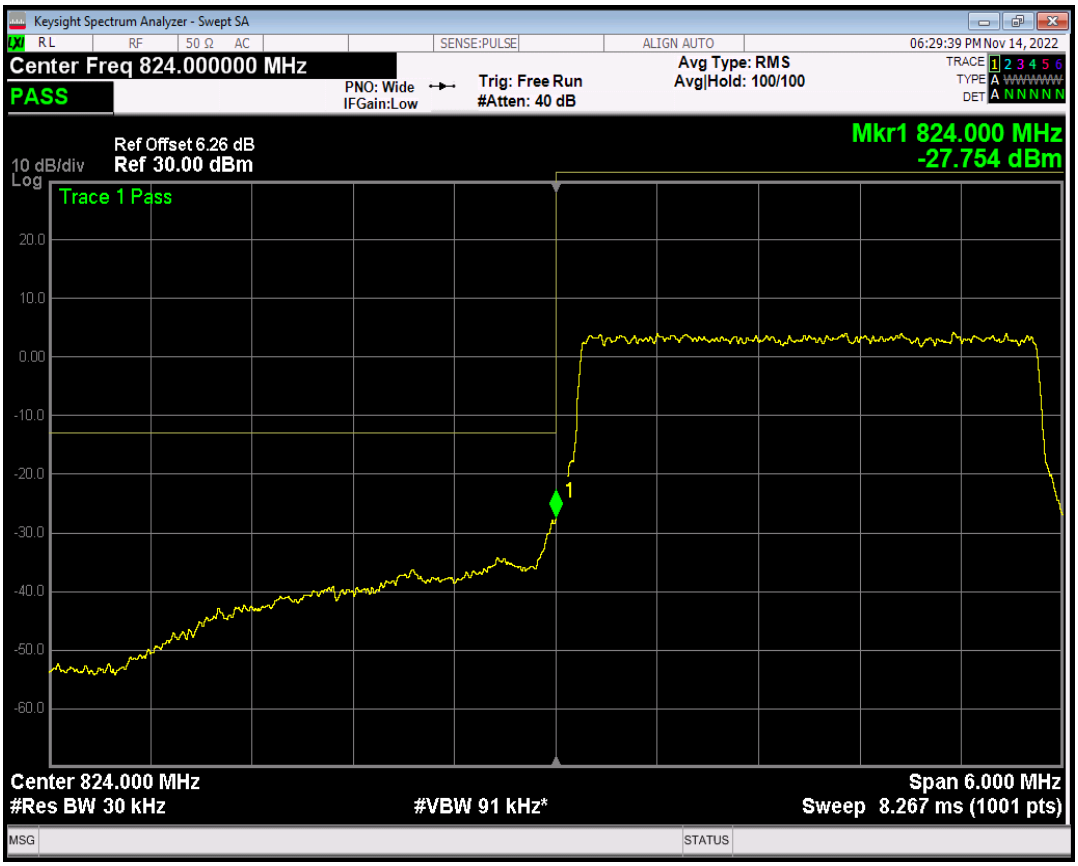


Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



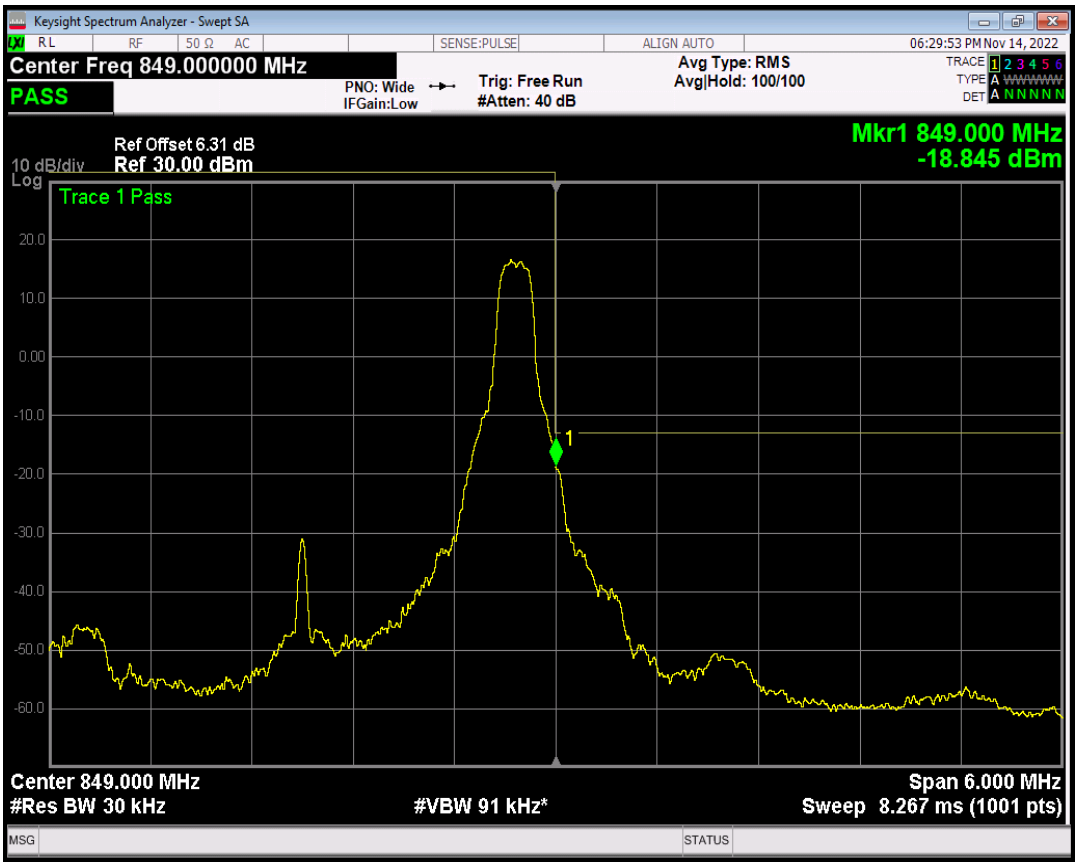
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max

Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0

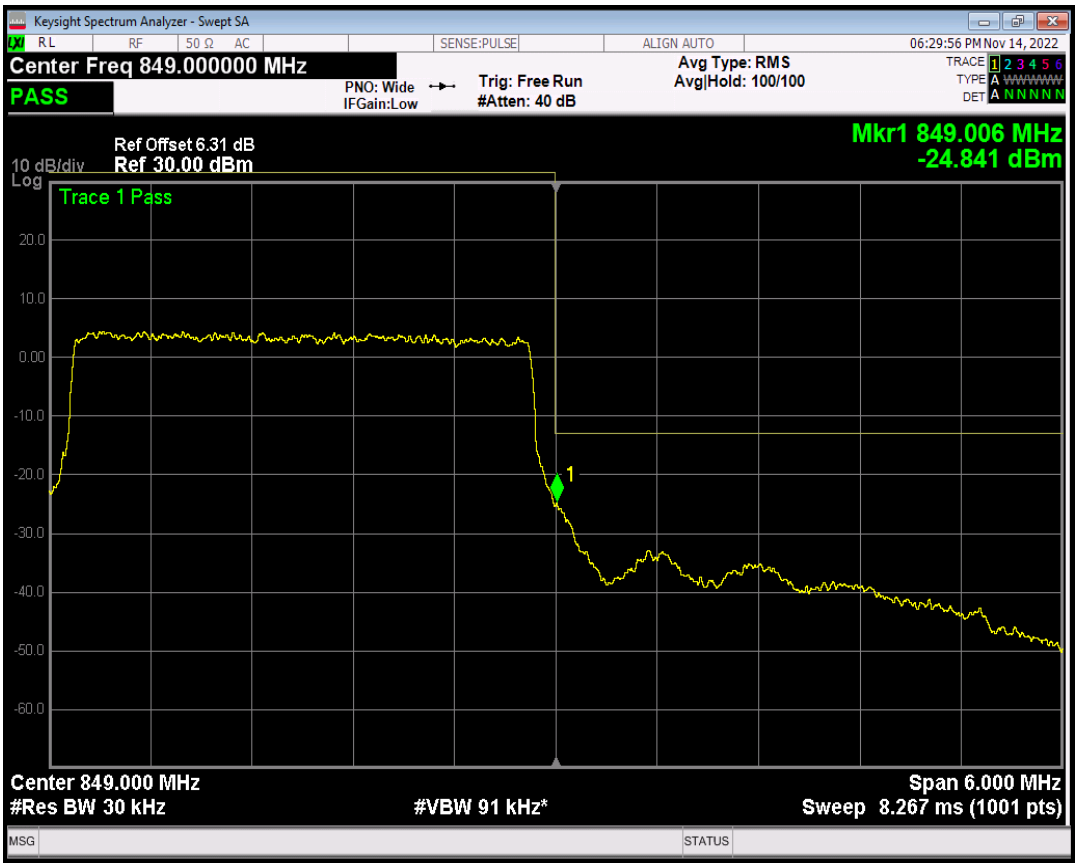


Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0

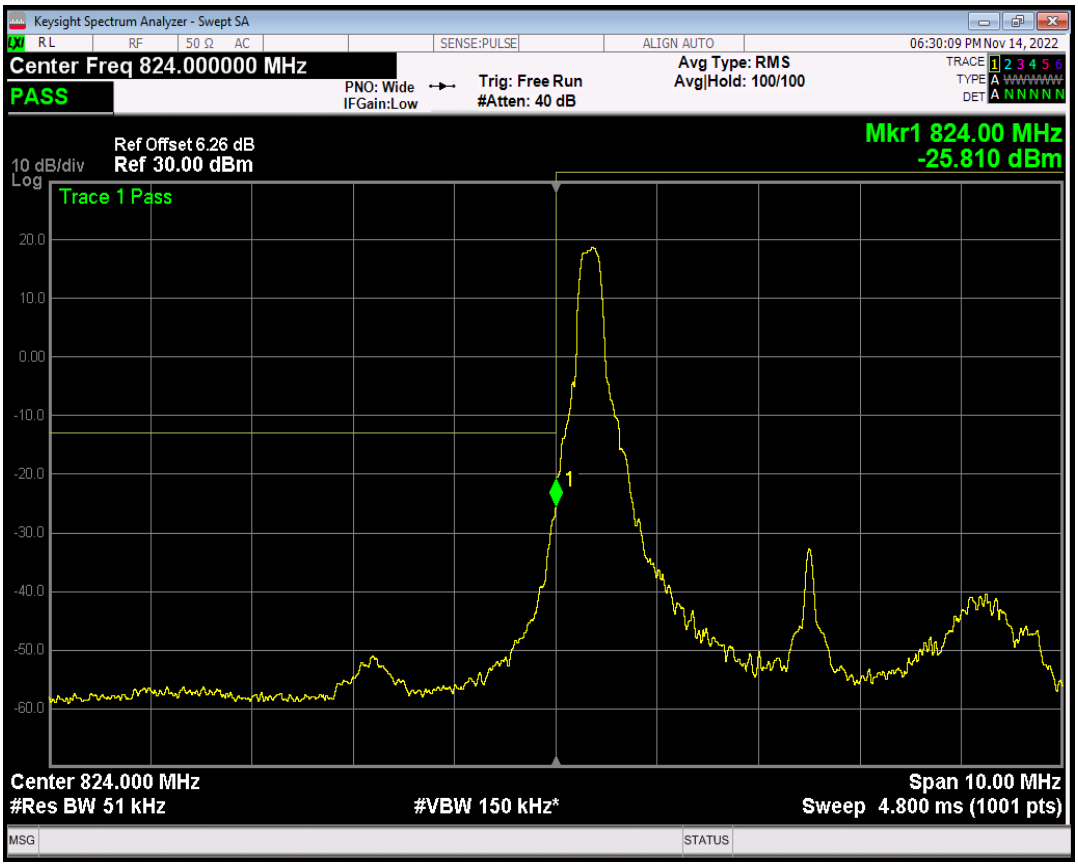
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#Max



Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0

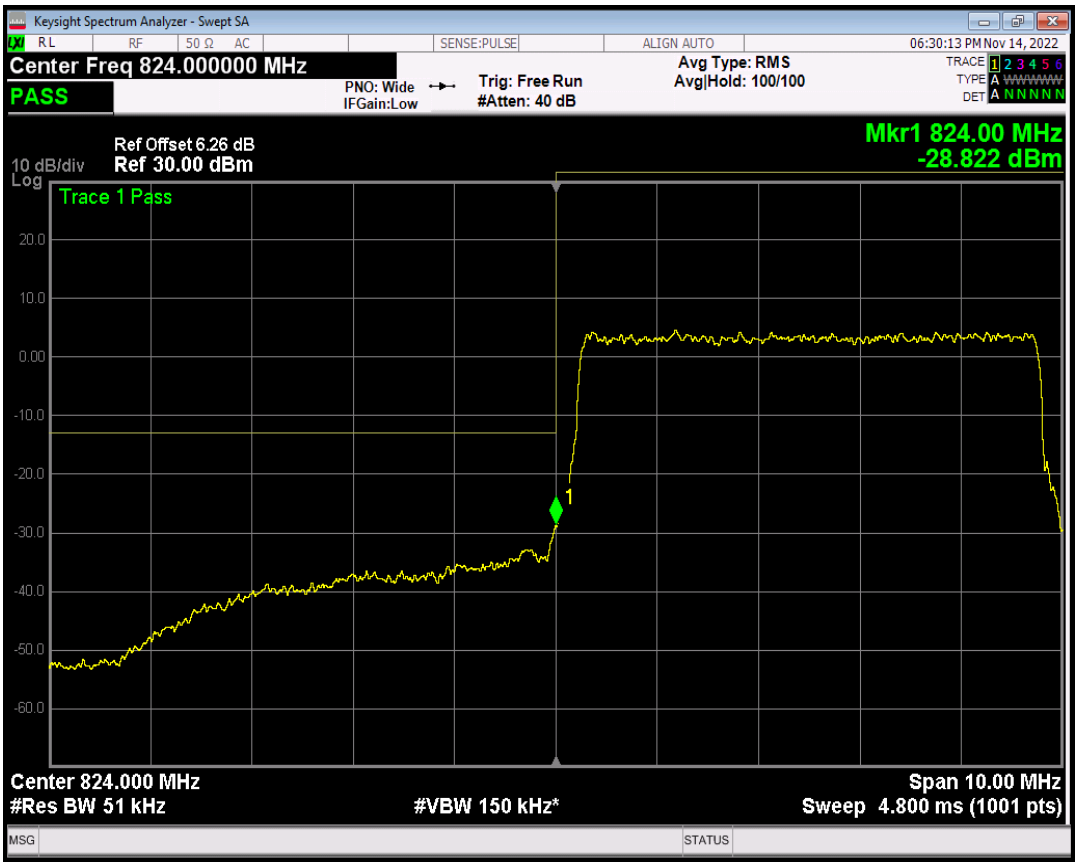


Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0

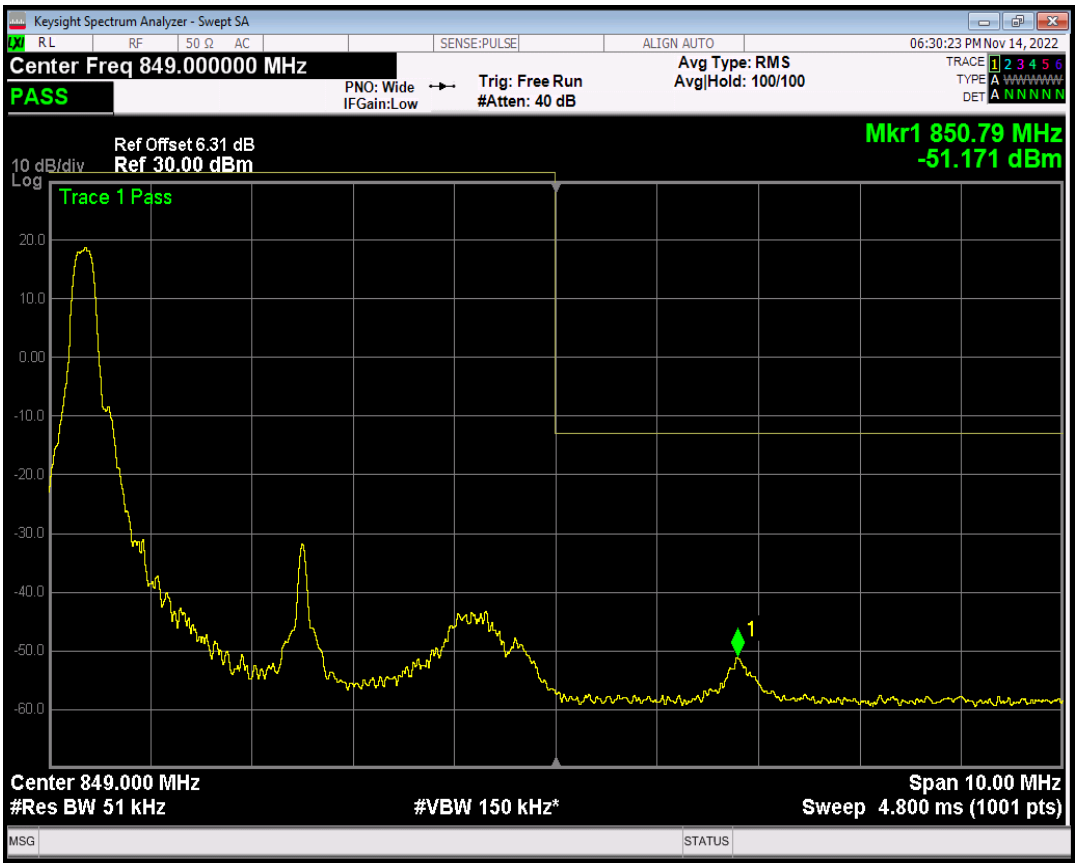


Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#Max

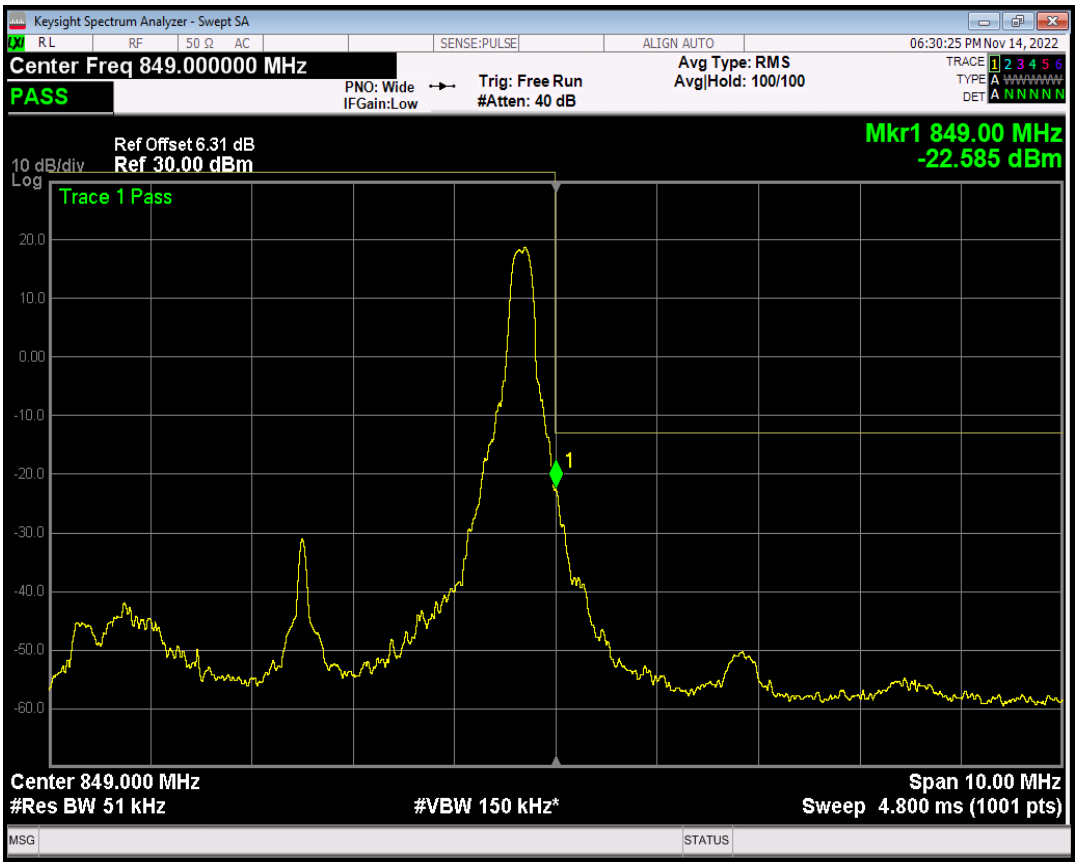
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0

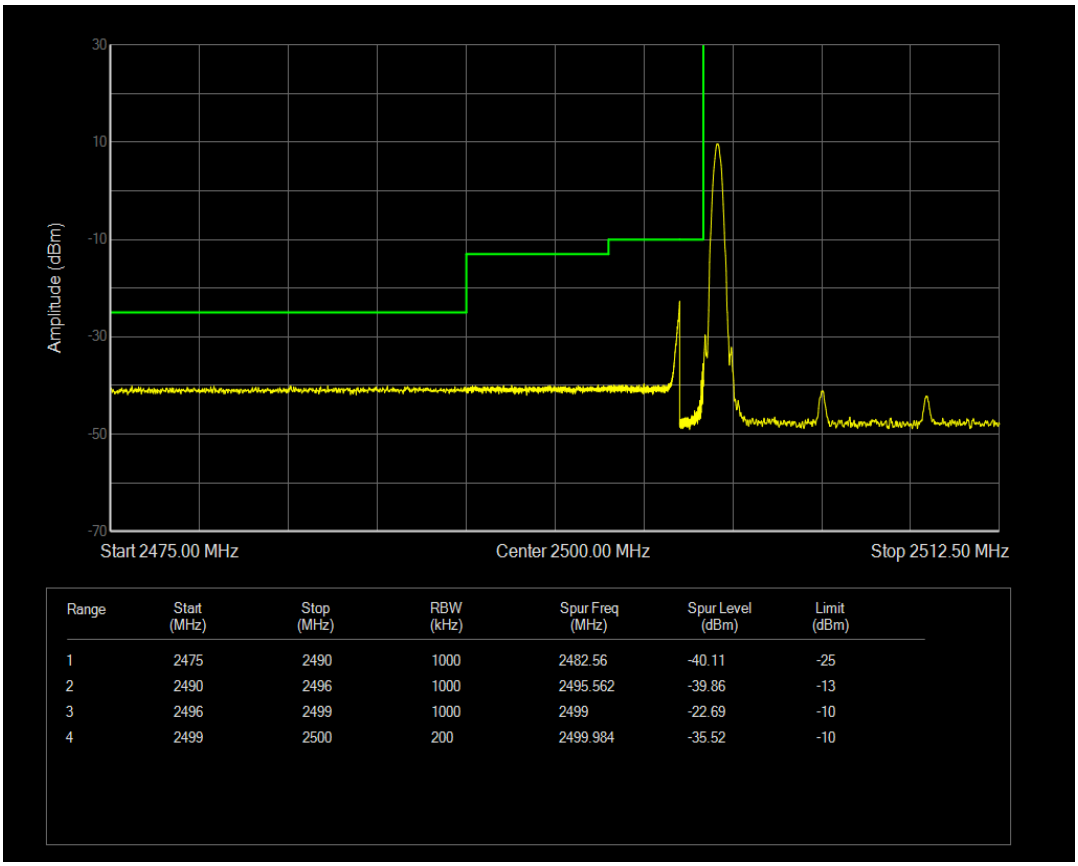


Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max



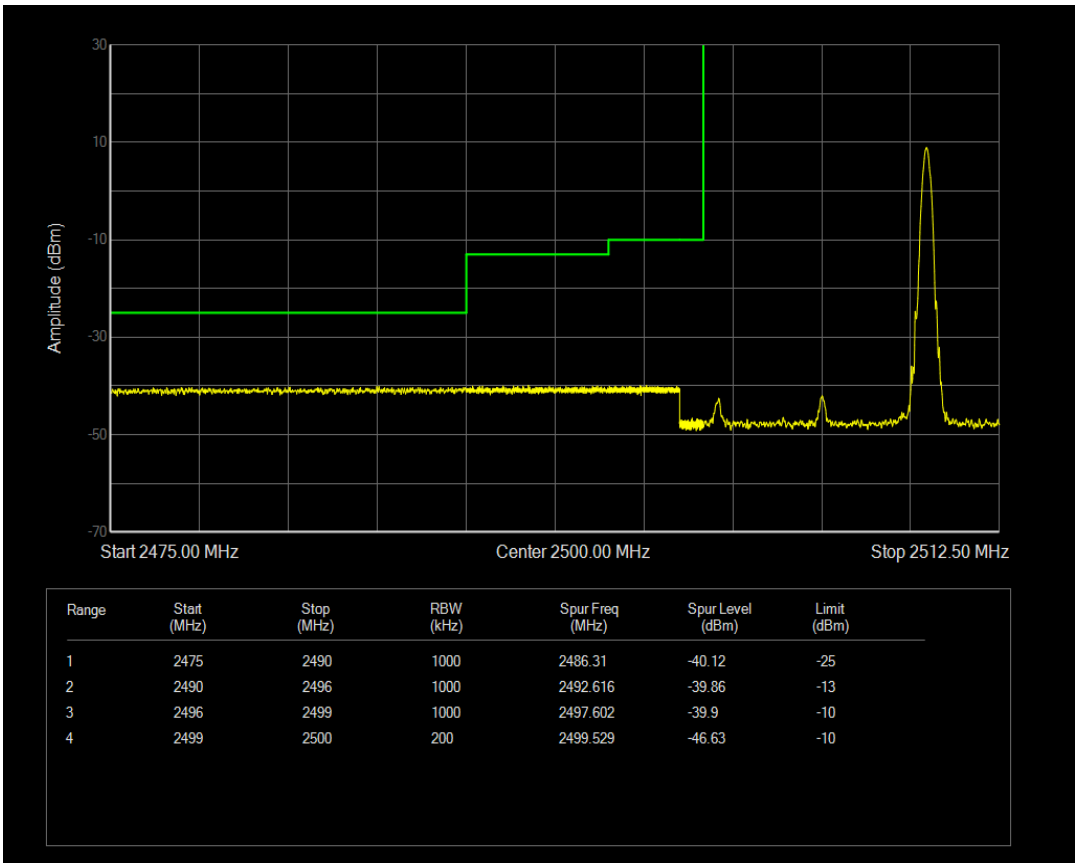
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

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



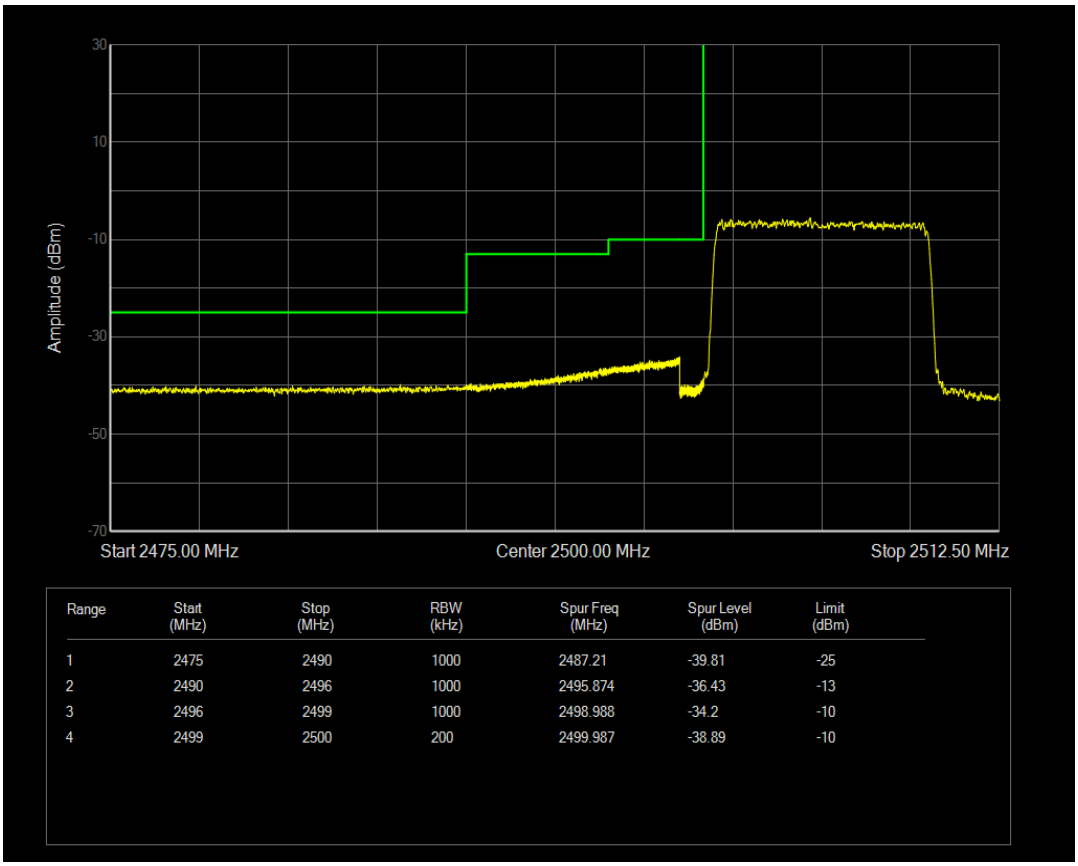
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2482.56	-40.11	-25
2	2490	2496	1000	2495.562	-39.86	-13
3	2496	2499	1000	2499	-22.69	-10
4	2499	2500	200	2499.984	-35.52	-10

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



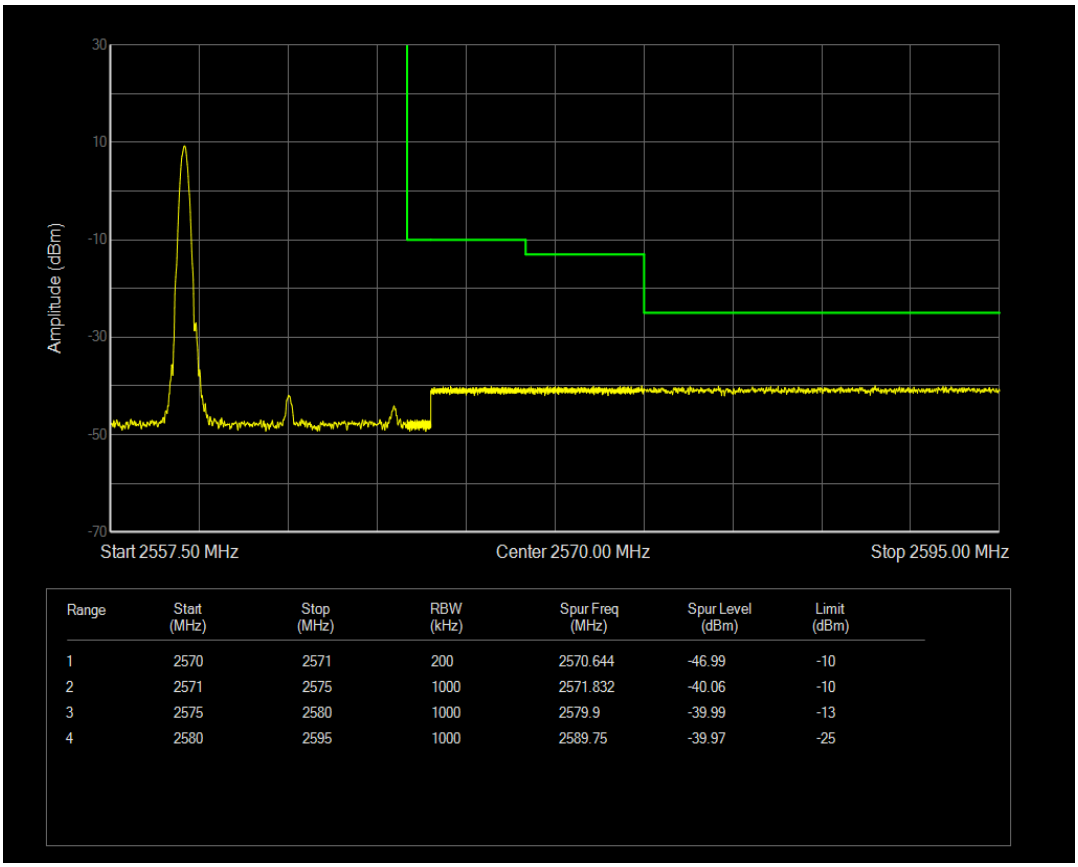
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2486.31	-40.12	-25
2	2490	2496	1000	2492.616	-39.86	-13
3	2496	2499	1000	2497.602	-39.9	-10
4	2499	2500	200	2499.529	-46.63	-10

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



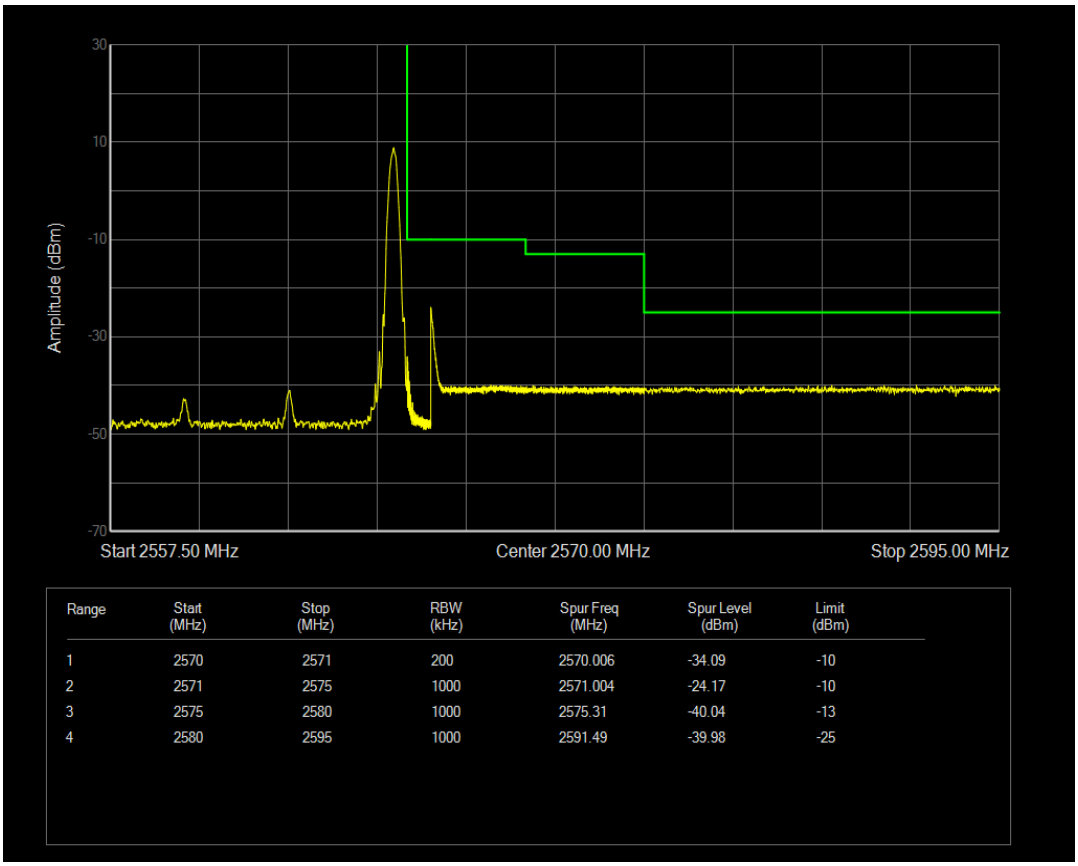
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2487.21	-39.81	-25
2	2490	2496	1000	2495.874	-36.43	-13
3	2496	2499	1000	2498.988	-34.2	-10
4	2499	2500	200	2499.987	-38.89	-10

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



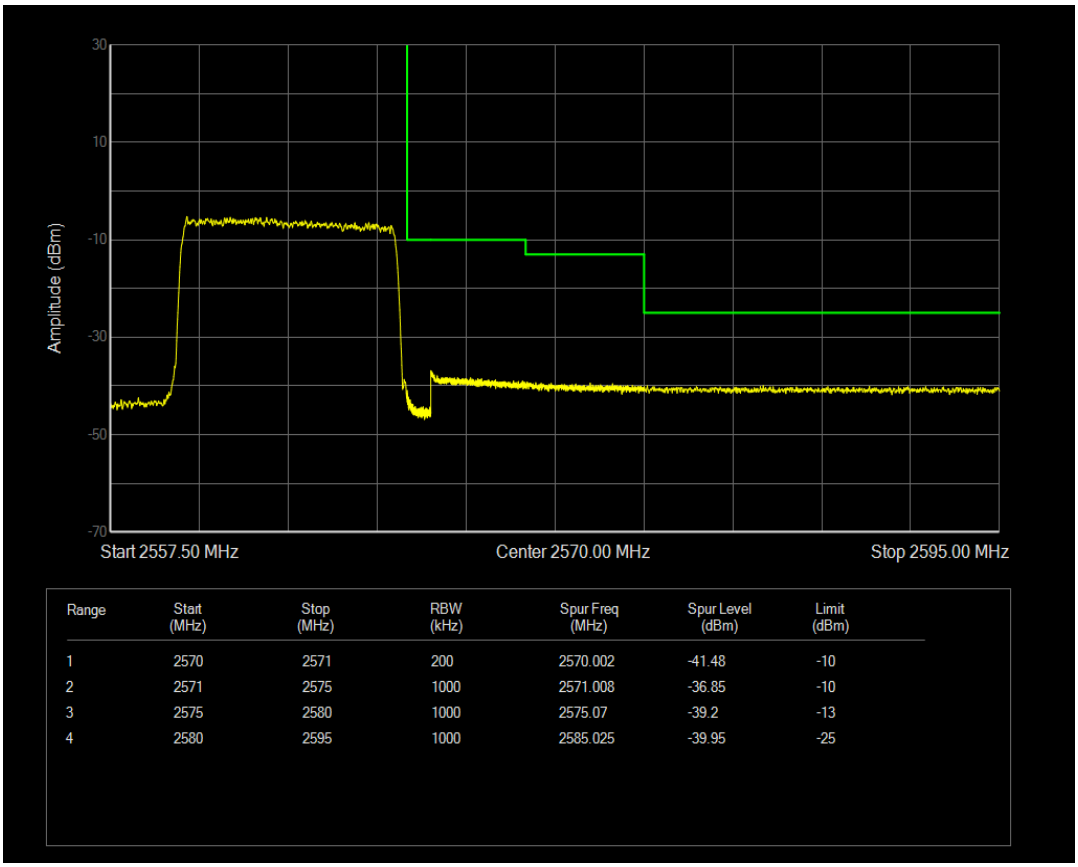
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.644	-46.99	-10
2	2571	2575	1000	2571.832	-40.06	-10
3	2575	2580	1000	2579.9	-39.99	-13
4	2580	2595	1000	2589.75	-39.97	-25

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



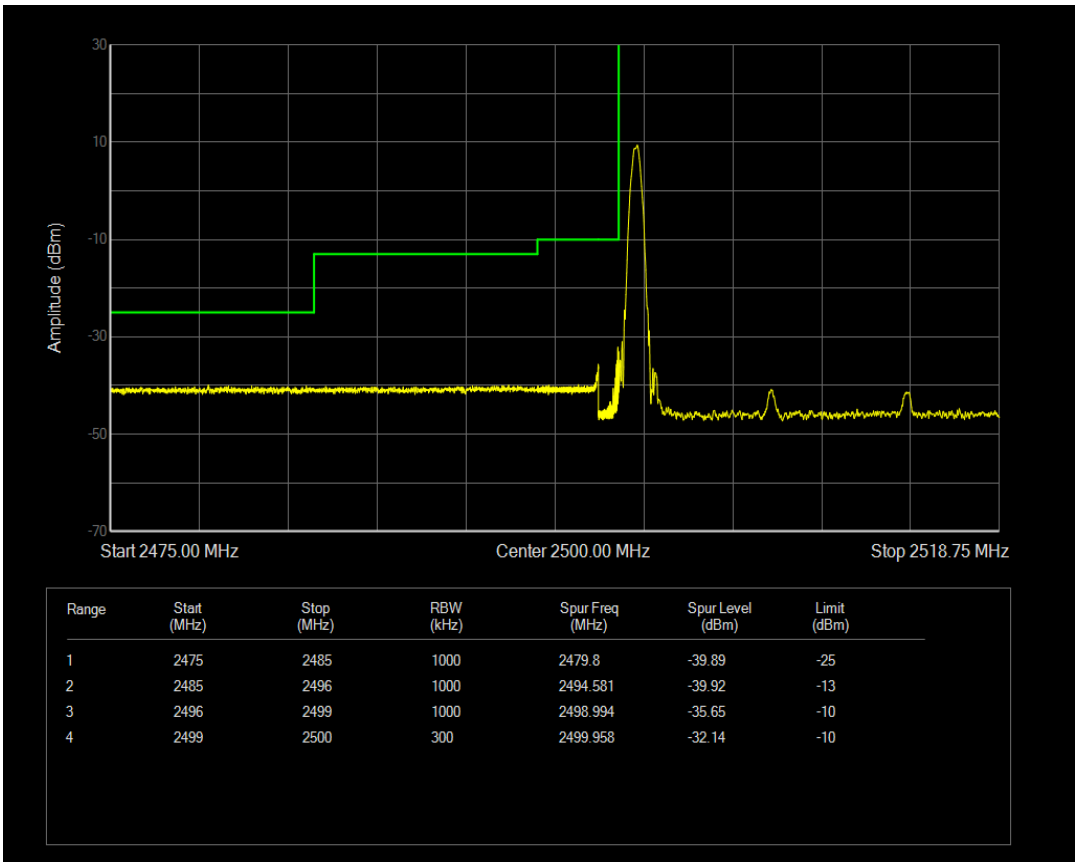
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.006	-34.09	-10
2	2571	2575	1000	2571.004	-24.17	-10
3	2575	2580	1000	2575.31	-40.04	-13
4	2580	2595	1000	2591.49	-39.98	-25

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



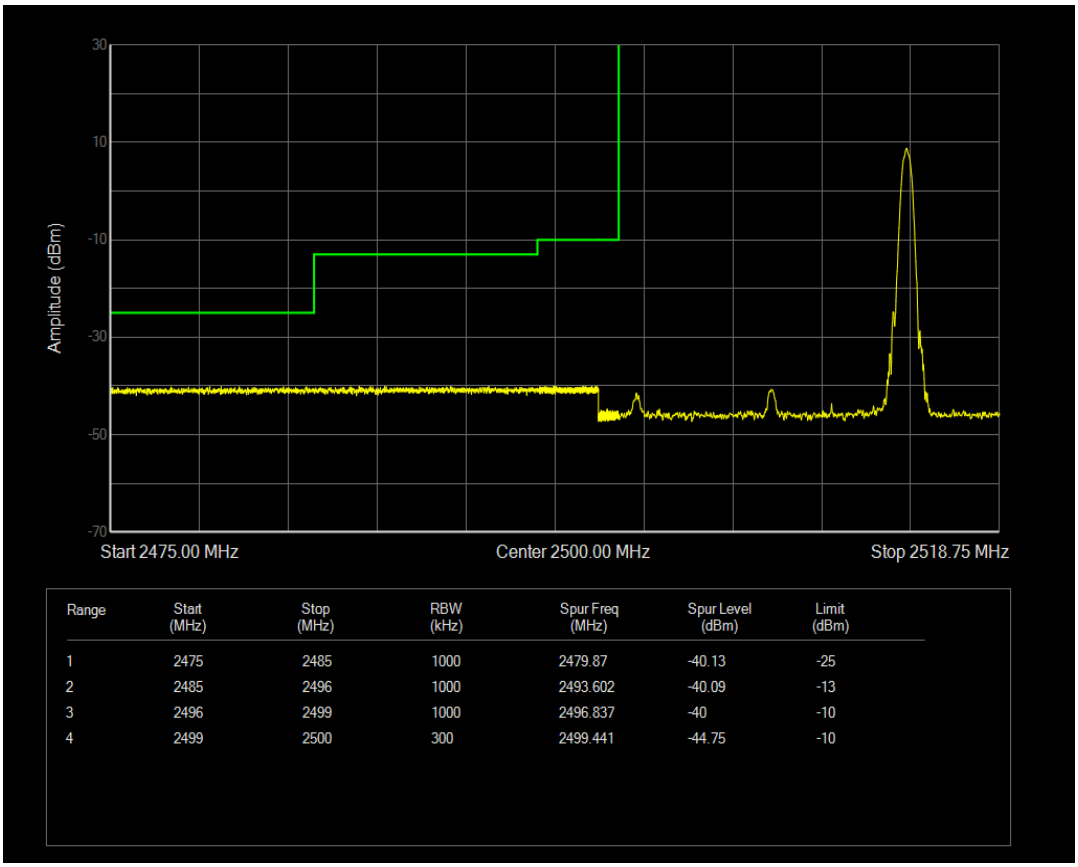
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.002	-41.48	-10
2	2571	2575	1000	2571.008	-36.85	-10
3	2575	2580	1000	2575.07	-39.2	-13
4	2580	2595	1000	2585.025	-39.95	-25

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



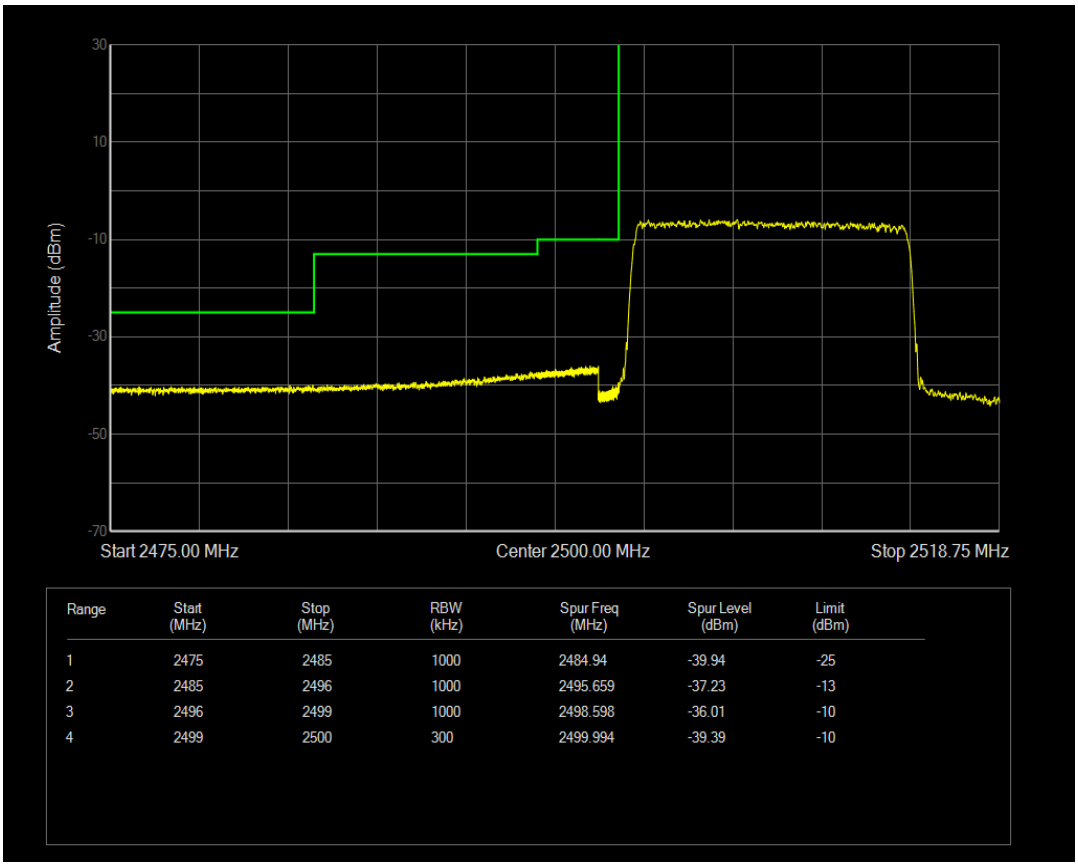
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2479.8	-39.89	-25
2	2485	2496	1000	2494.581	-39.92	-13
3	2496	2499	1000	2498.994	-35.65	-10
4	2499	2500	300	2499.958	-32.14	-10

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



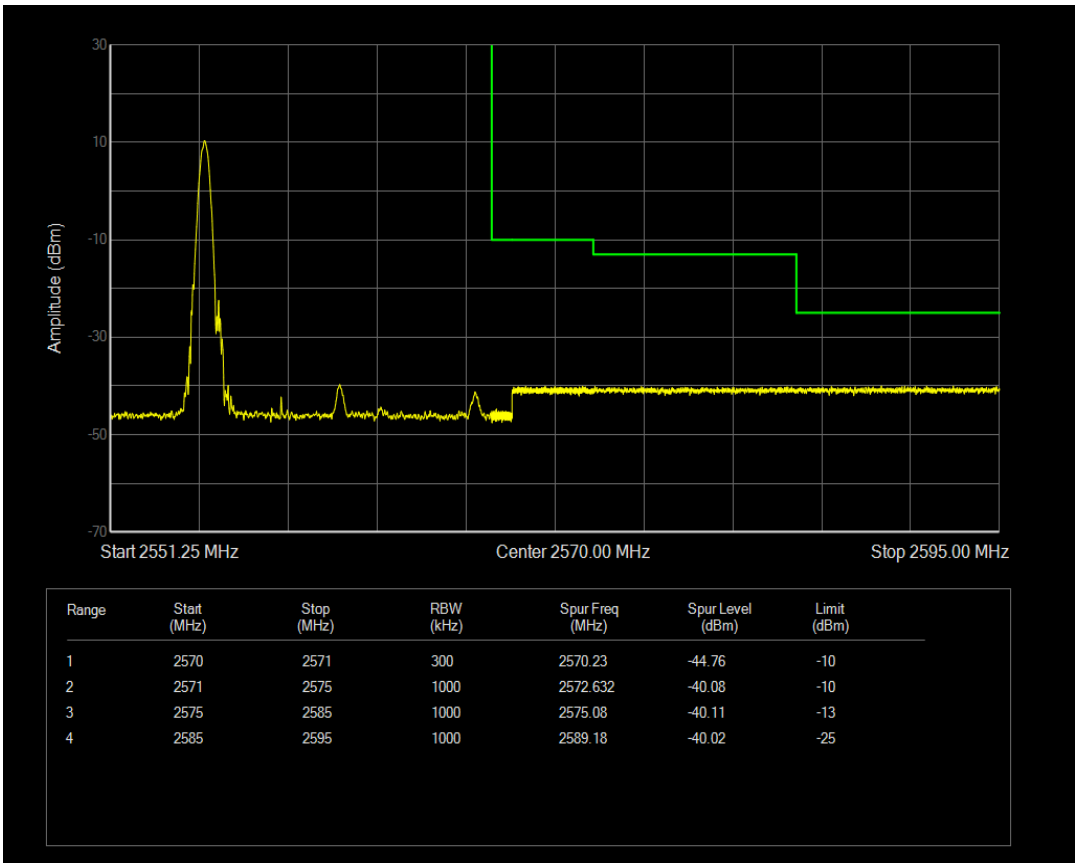
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2479.87	-40.13	-25
2	2485	2496	1000	2493.602	-40.09	-13
3	2496	2499	1000	2496.837	-40	-10
4	2499	2500	300	2499.441	-44.75	-10

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



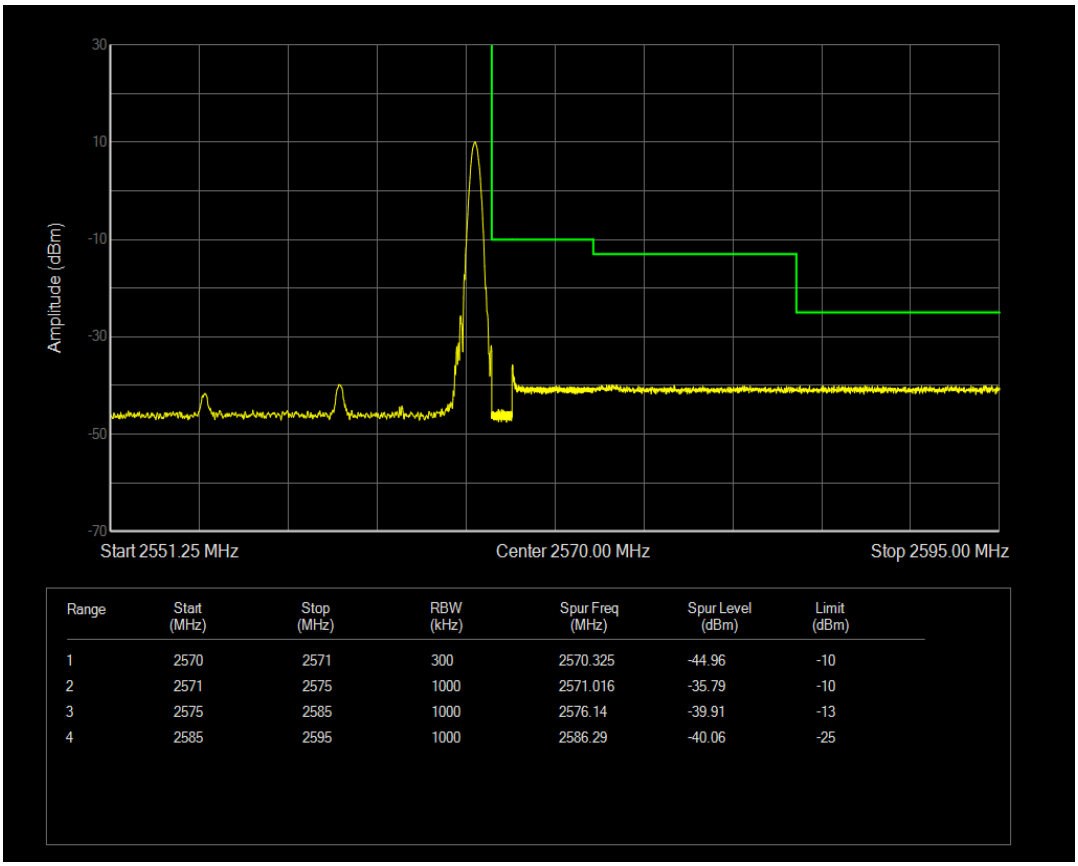
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.94	-39.94	-25
2	2485	2496	1000	2495.659	-37.23	-13
3	2496	2499	1000	2498.598	-36.01	-10
4	2499	2500	300	2499.994	-39.39	-10

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



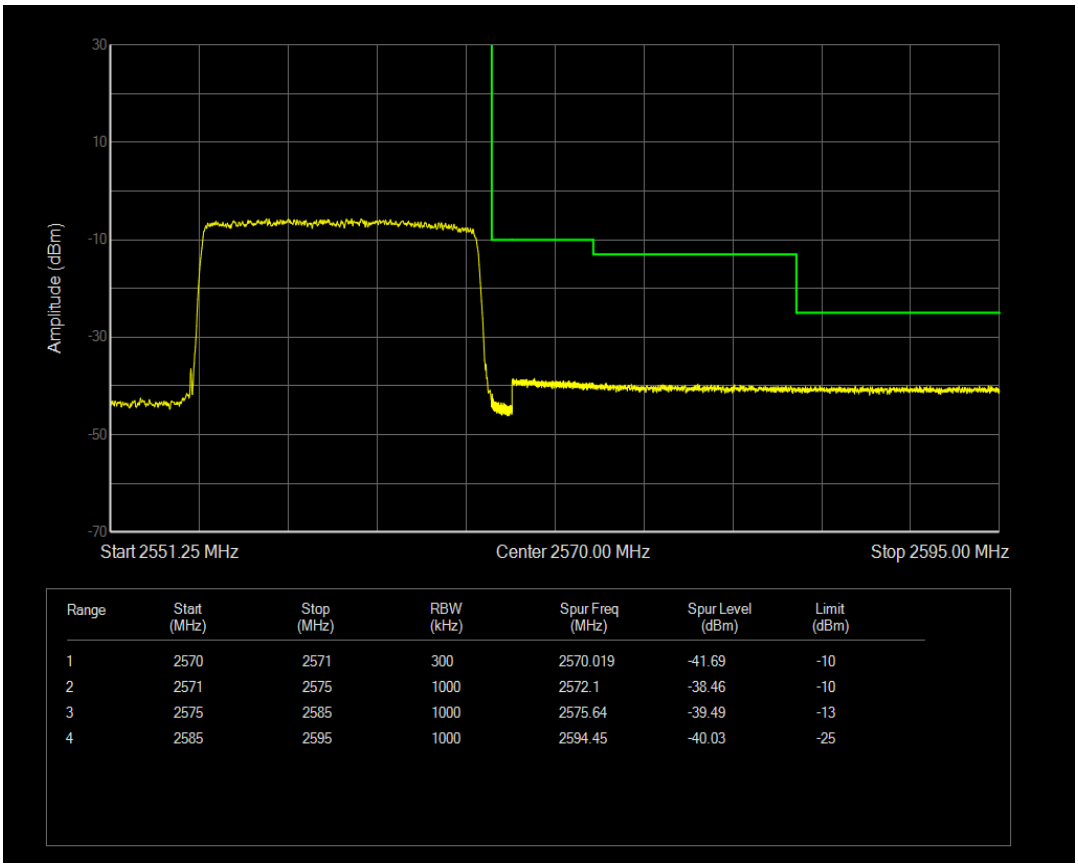
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.23	-44.76	-10
2	2571	2575	1000	2572.632	-40.08	-10
3	2575	2585	1000	2575.08	-40.11	-13
4	2585	2595	1000	2589.18	-40.02	-25

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



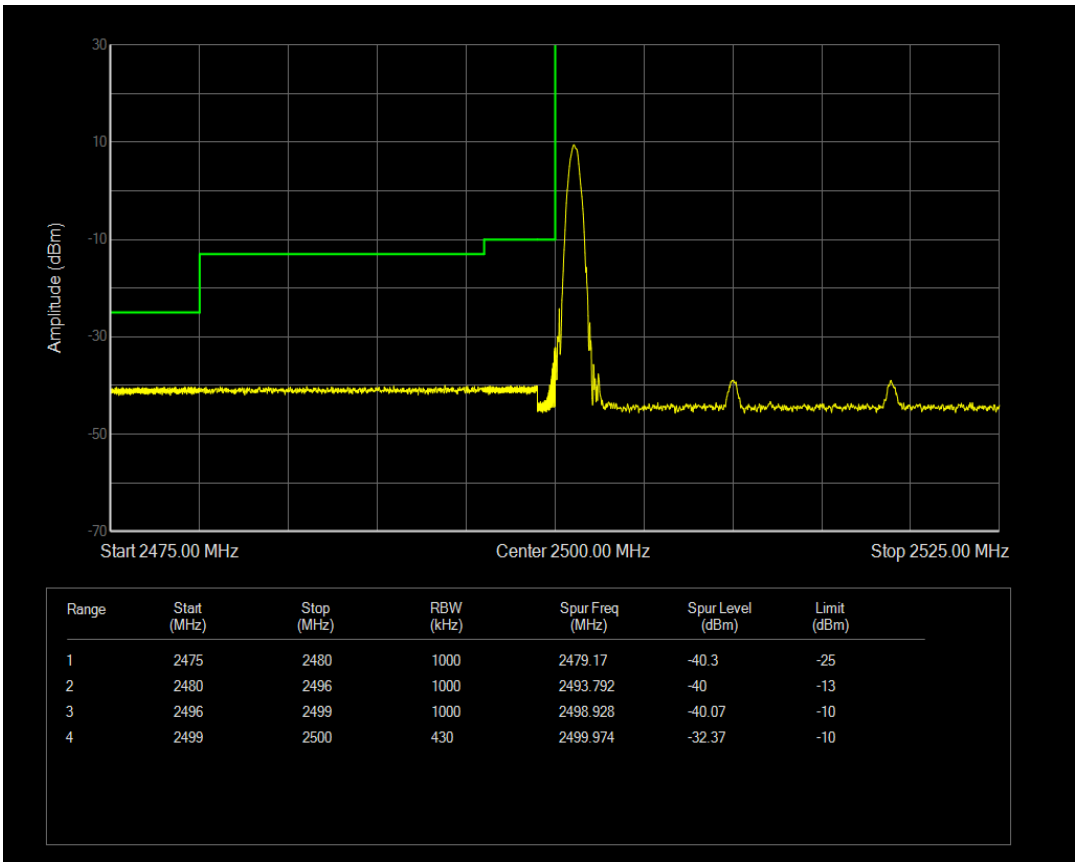
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.325	-44.96	-10
2	2571	2575	1000	2571.016	-35.79	-10
3	2575	2585	1000	2576.14	-39.91	-13
4	2585	2595	1000	2586.29	-40.06	-25

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



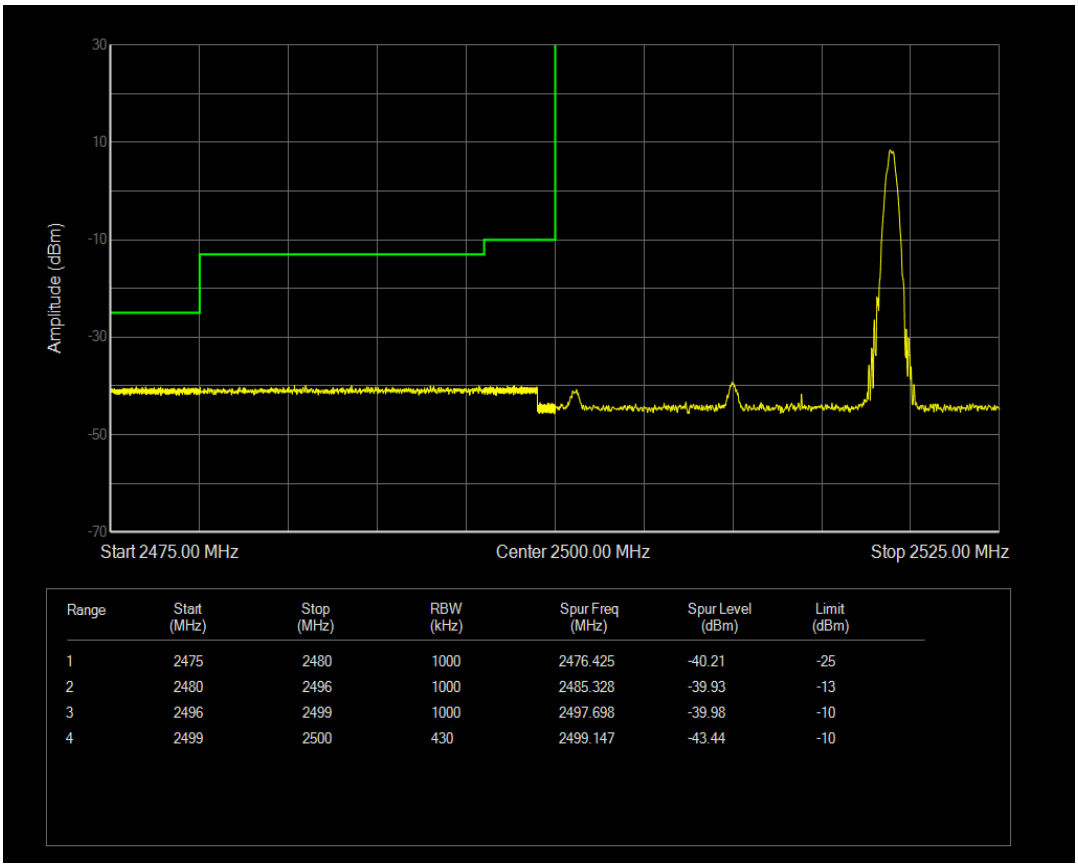
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.019	-41.69	-10
2	2571	2575	1000	2572.1	-38.46	-10
3	2575	2585	1000	2575.64	-39.49	-13
4	2585	2595	1000	2594.45	-40.03	-25

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



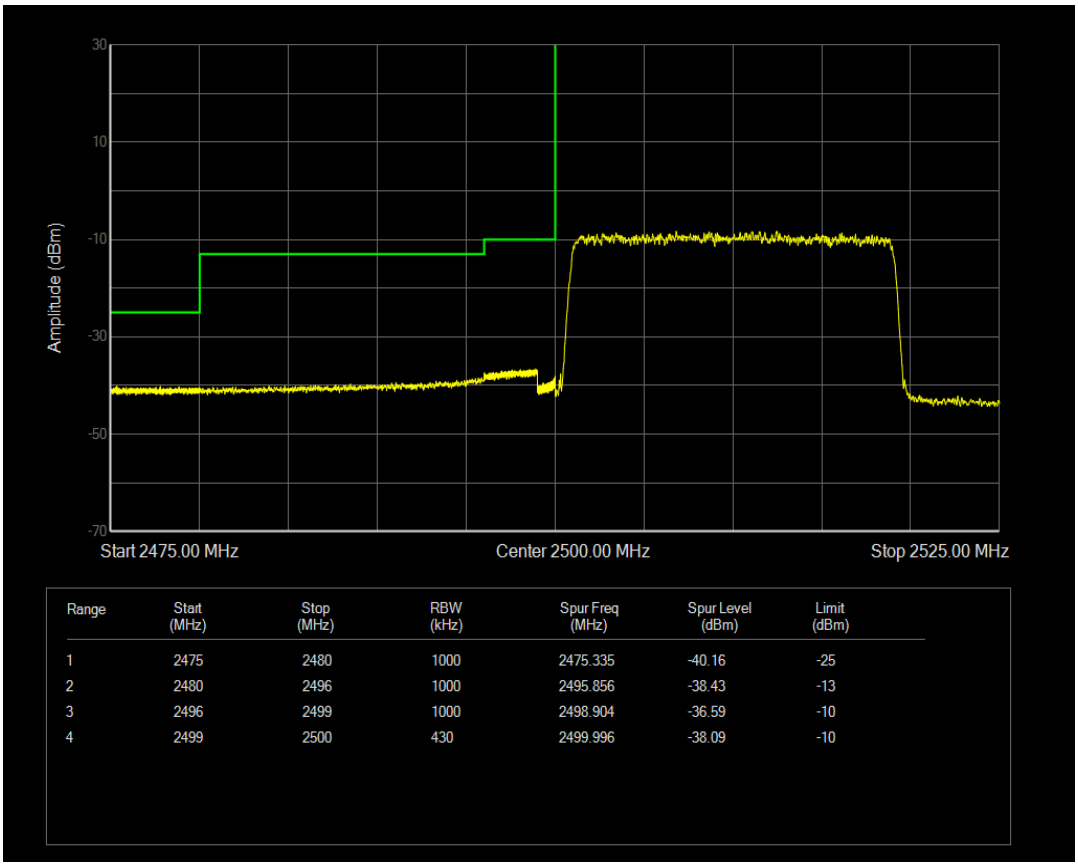
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.17	-40.3	-25
2	2480	2496	1000	2493.792	-40	-13
3	2496	2499	1000	2498.928	-40.07	-10
4	2499	2500	430	2499.974	-32.37	-10

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



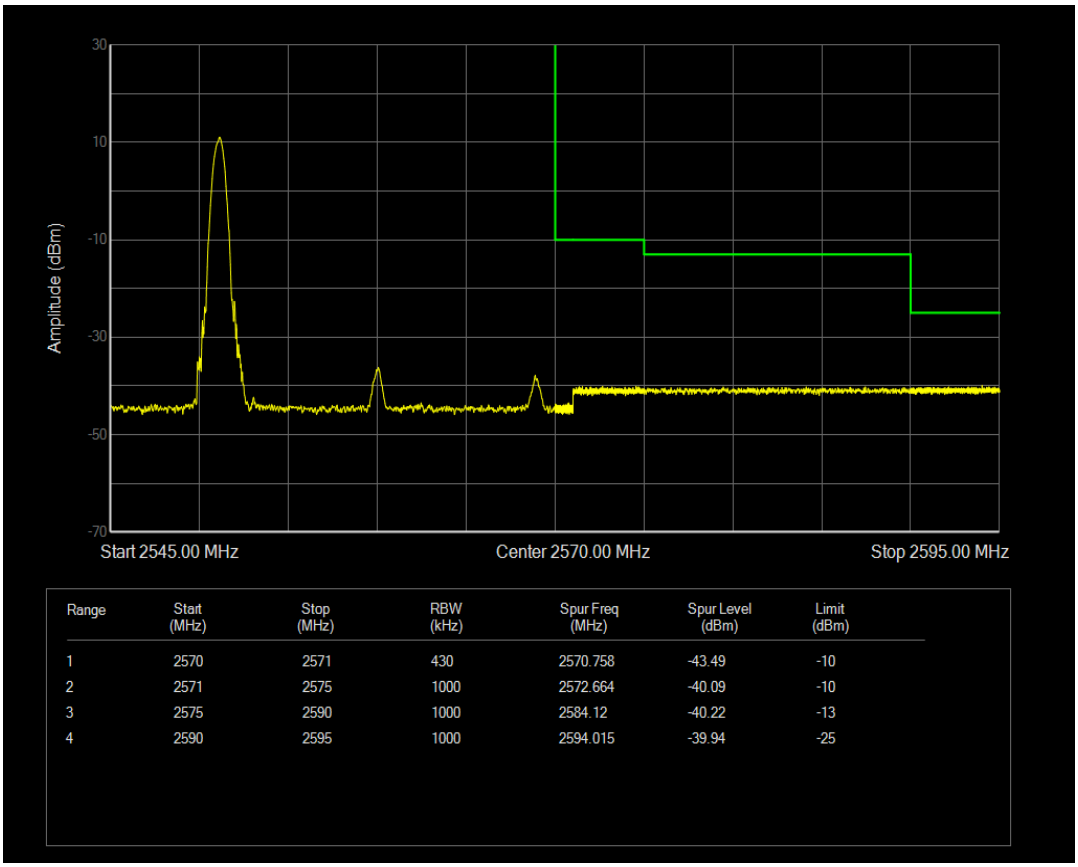
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2476.425	-40.21	-25
2	2480	2496	1000	2485.328	-39.93	-13
3	2496	2499	1000	2497.698	-39.98	-10
4	2499	2500	430	2499.147	-43.44	-10

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



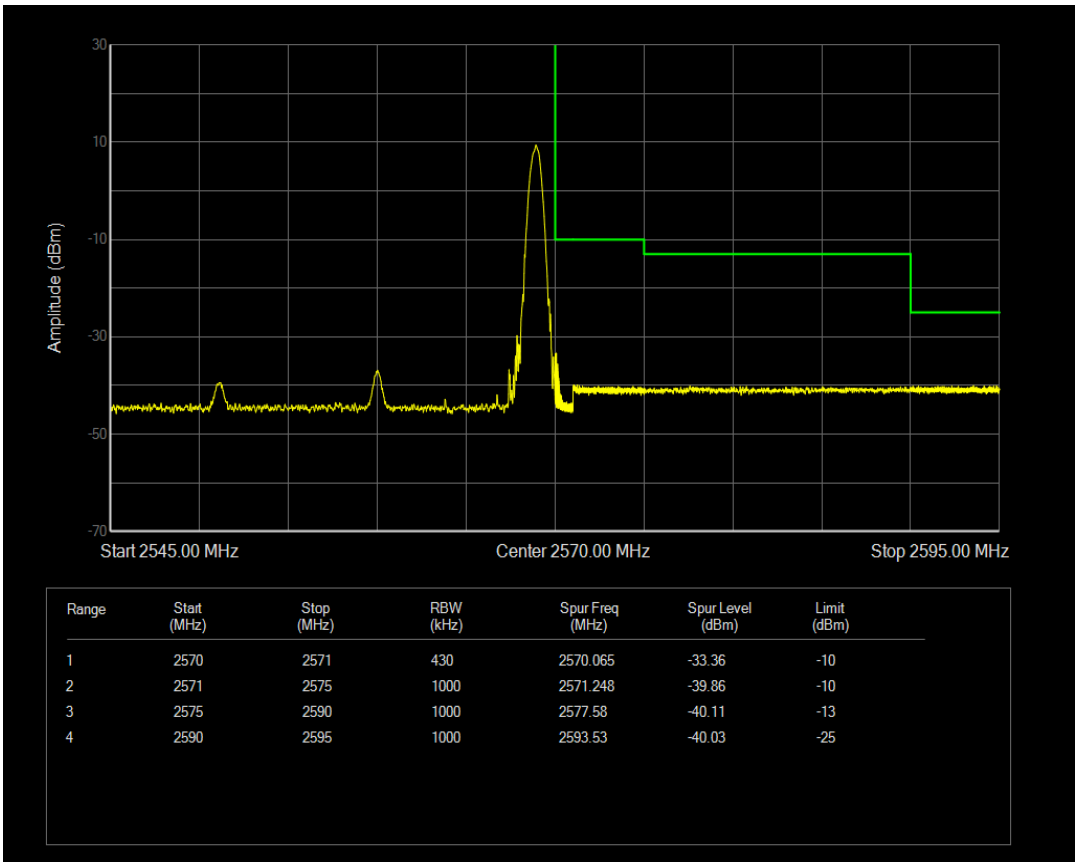
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2475.335	-40.16	-25
2	2480	2496	1000	2495.856	-38.43	-13
3	2496	2499	1000	2498.904	-36.59	-10
4	2499	2500	430	2499.996	-38.09	-10

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



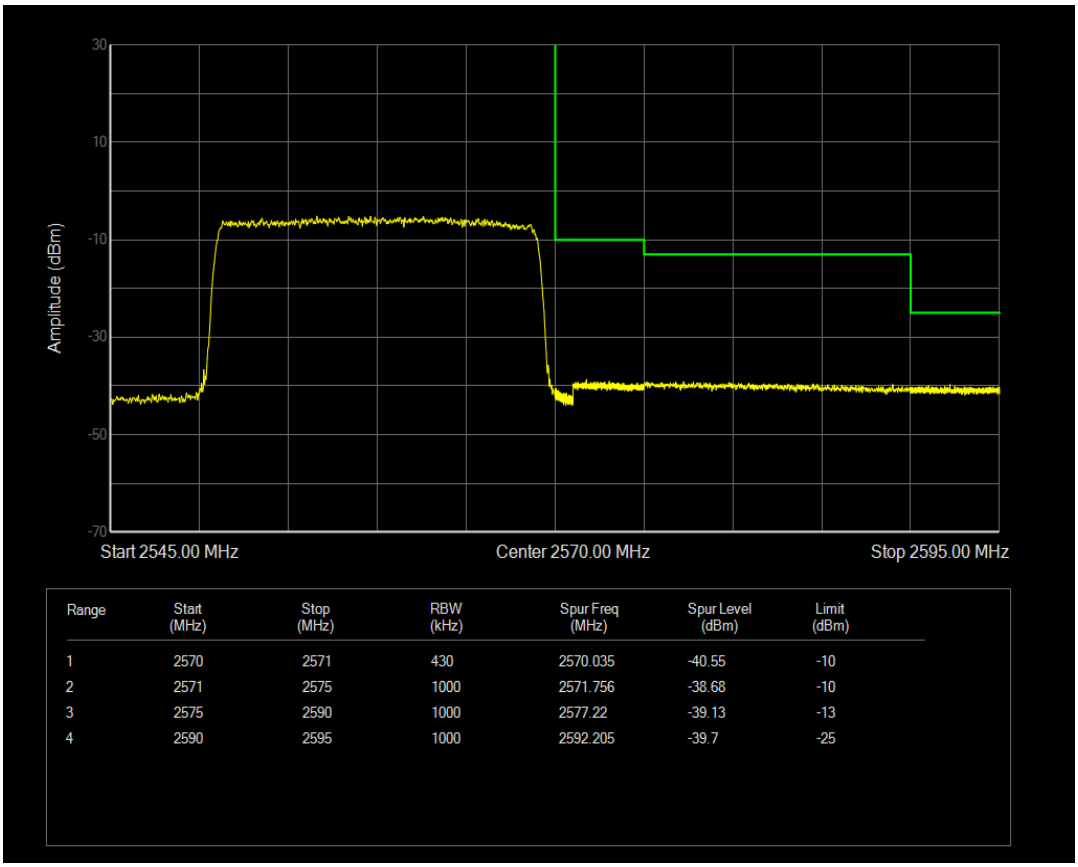
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.758	-43.49	-10
2	2571	2575	1000	2572.664	-40.09	-10
3	2575	2590	1000	2584.12	-40.22	-13
4	2590	2595	1000	2594.015	-39.94	-25

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



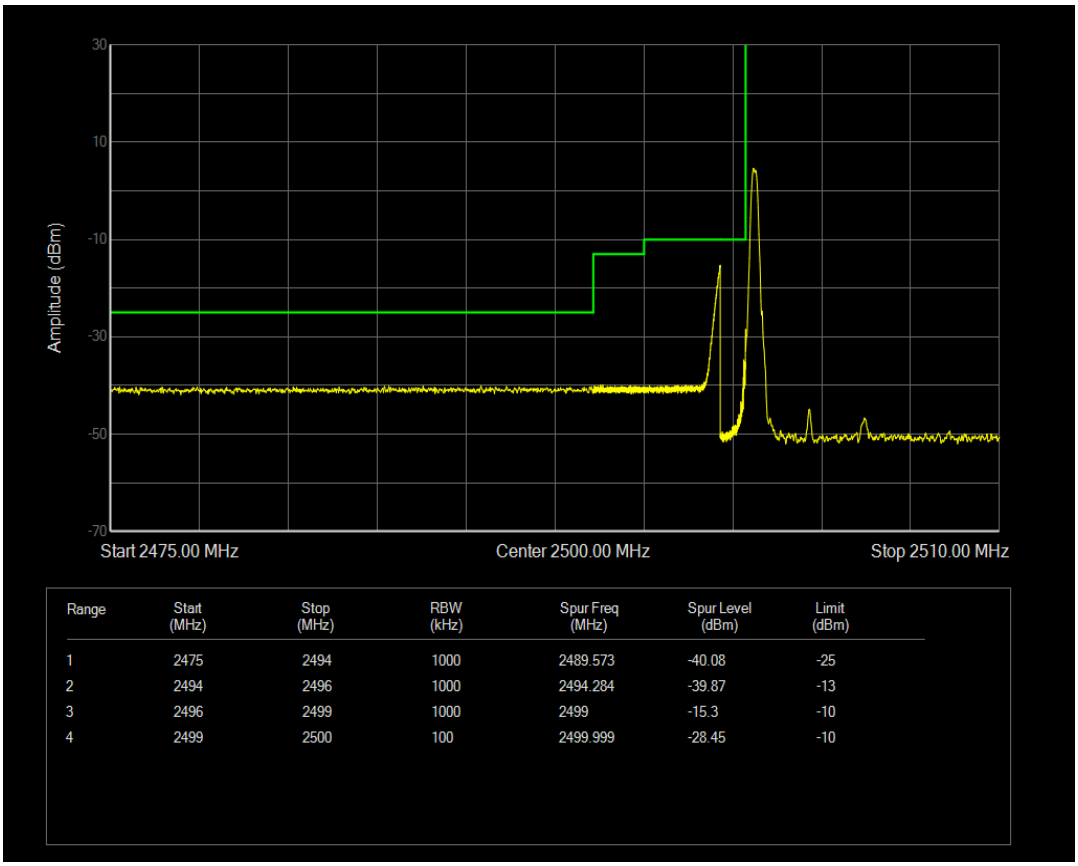
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.065	-33.36	-10
2	2571	2575	1000	2571.248	-39.86	-10
3	2575	2590	1000	2577.58	-40.11	-13
4	2590	2595	1000	2593.53	-40.03	-25

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



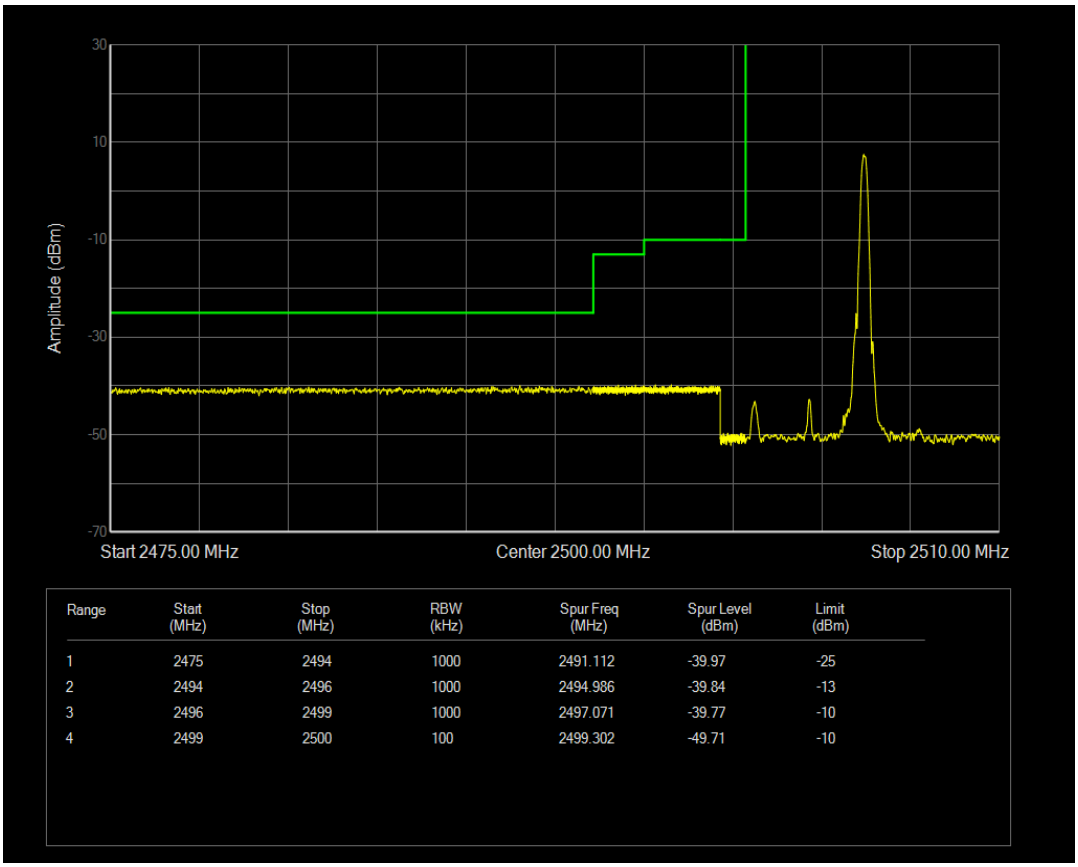
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.035	-40.55	-10
2	2571	2575	1000	2571.756	-38.68	-10
3	2575	2590	1000	2577.22	-39.13	-13
4	2590	2595	1000	2592.205	-39.7	-25

Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#0



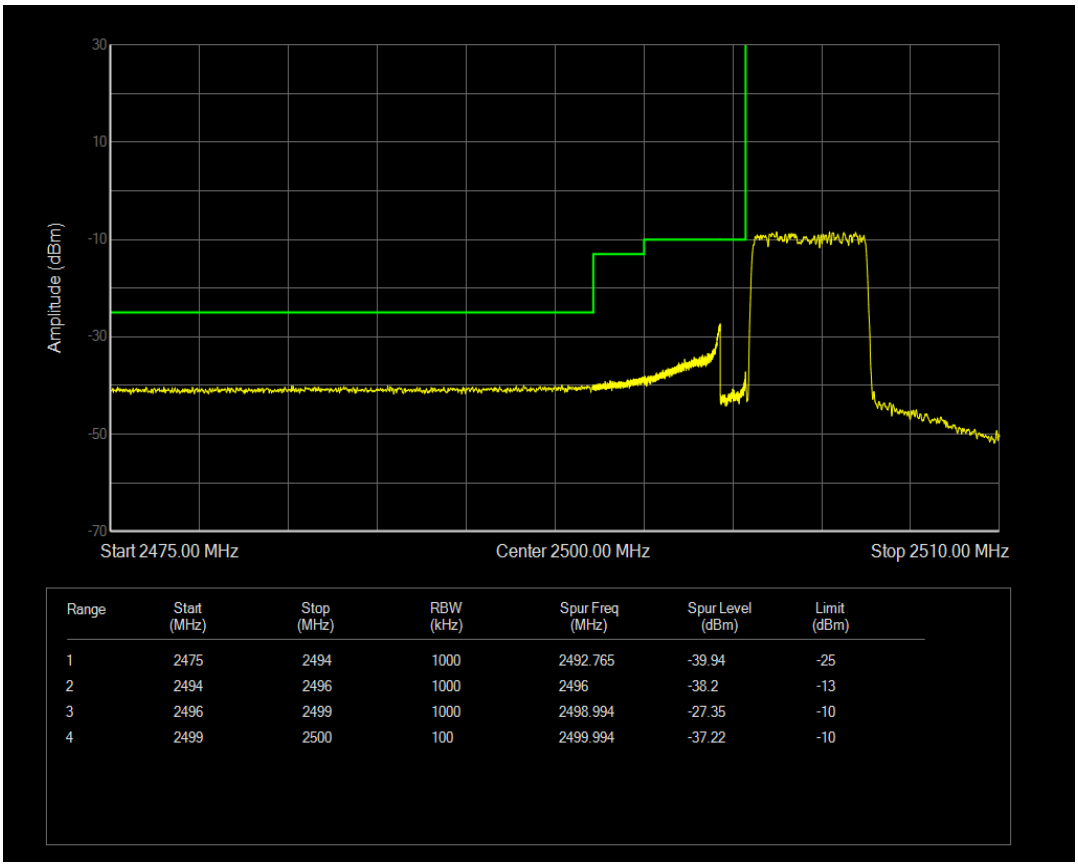
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2489.573	-40.08	-25
2	2494	2496	1000	2494.284	-39.87	-13
3	2496	2499	1000	2499	-15.3	-10
4	2499	2500	100	2499.999	-28.45	-10

Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#Max



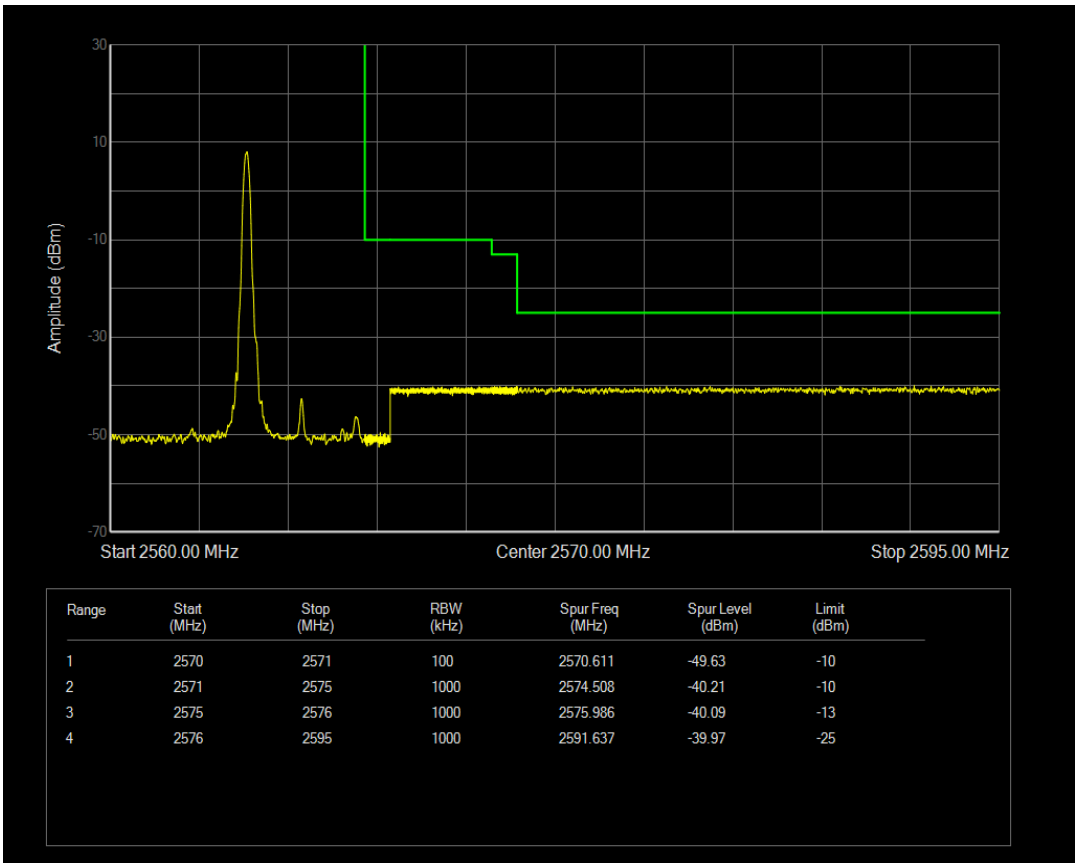
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2491.112	-39.97	-25
2	2494	2496	1000	2494.986	-39.84	-13
3	2496	2499	1000	2497.071	-39.77	-10
4	2499	2500	100	2499.302	-49.71	-10

Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



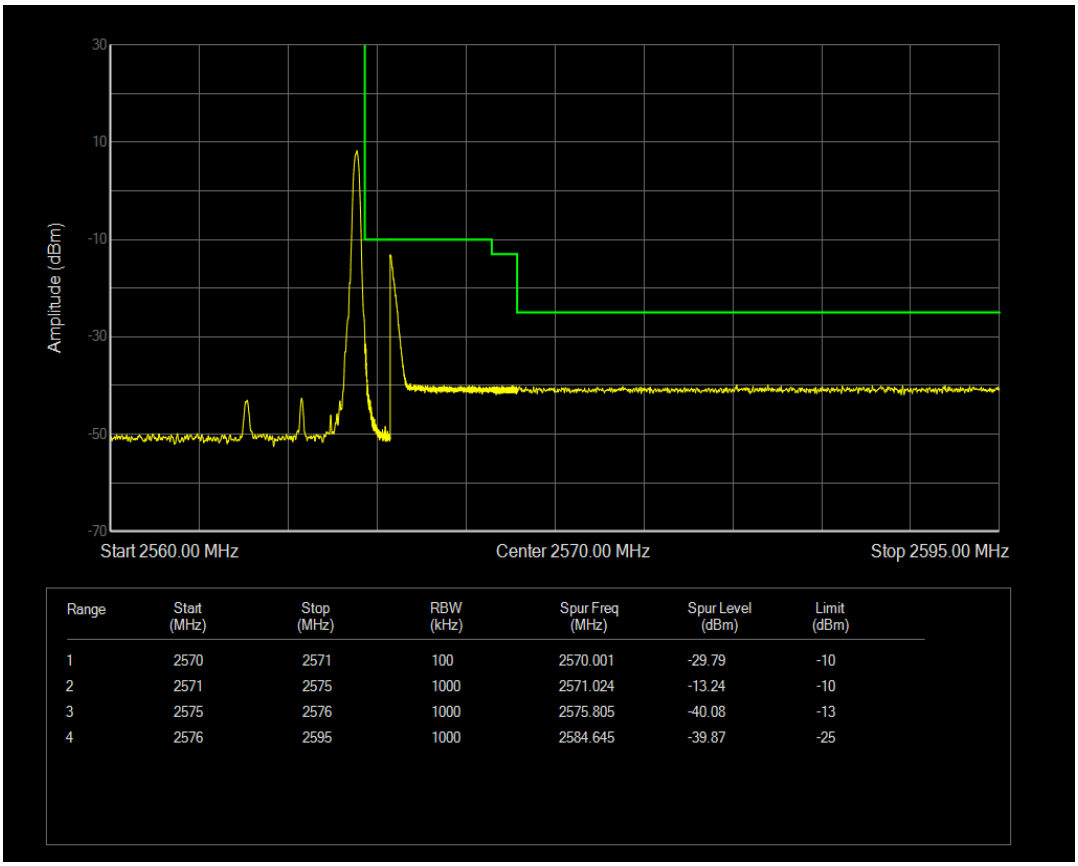
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2492.765	-39.94	-25
2	2494	2496	1000	2496	-38.2	-13
3	2496	2499	1000	2498.994	-27.35	-10
4	2499	2500	100	2499.994	-37.22	-10

Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#0



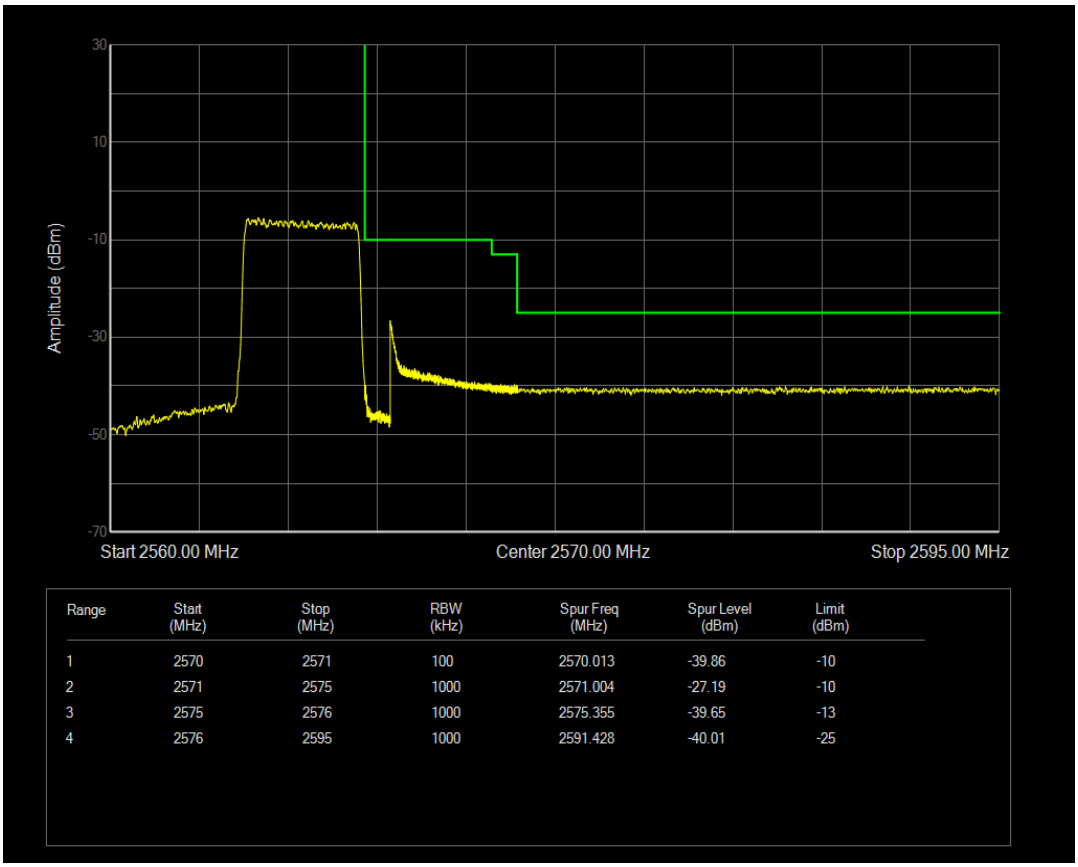
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.611	-49.63	-10
2	2571	2575	1000	2574.508	-40.21	-10
3	2575	2576	1000	2575.986	-40.09	-13
4	2576	2595	1000	2591.637	-39.97	-25

Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#Max



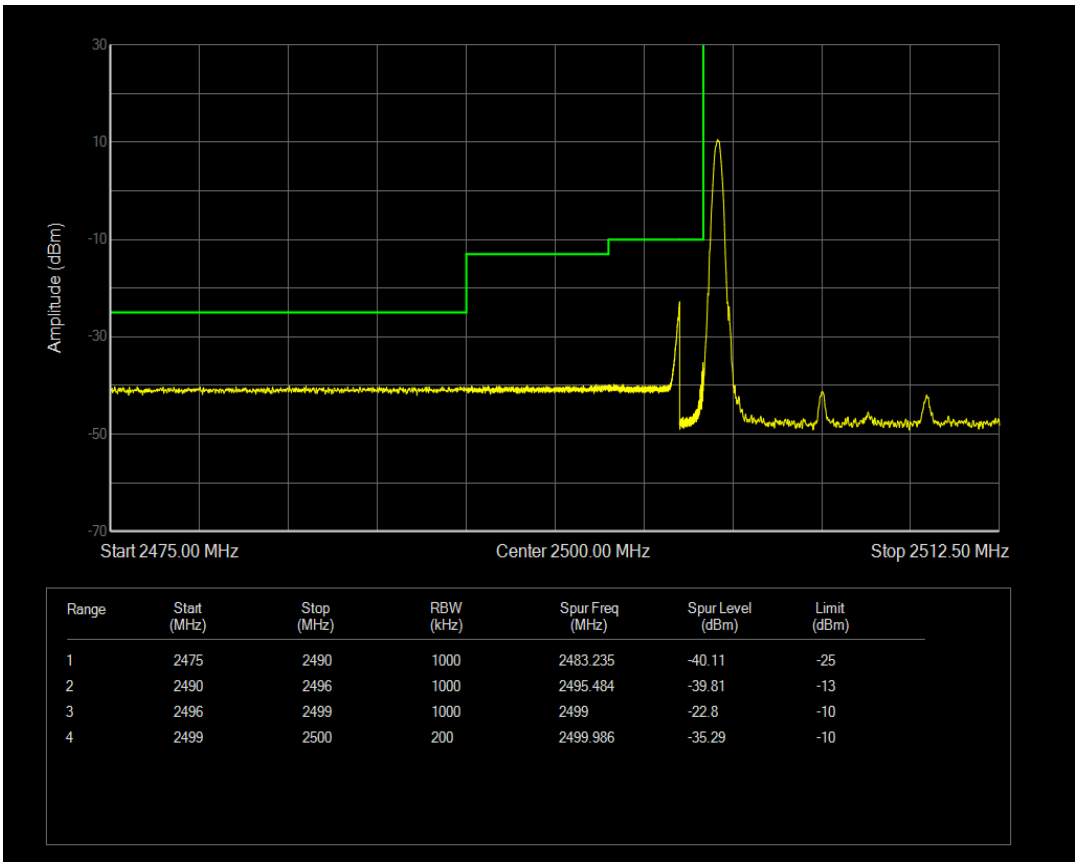
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.001	-29.79	-10
2	2571	2575	1000	2571.024	-13.24	-10
3	2575	2576	1000	2575.805	-40.08	-13
4	2576	2595	1000	2584.645	-39.87	-25

Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



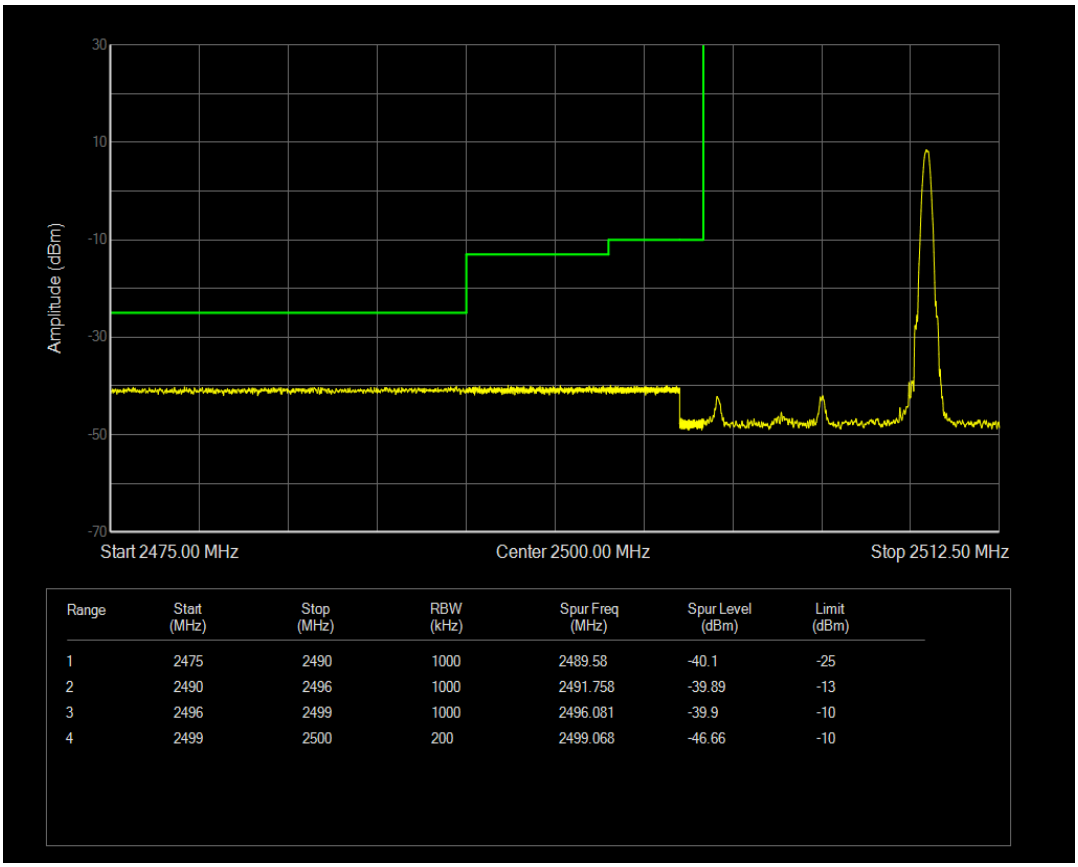
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.013	-39.86	-10
2	2571	2575	1000	2571.004	-27.19	-10
3	2575	2576	1000	2575.355	-39.65	-13
4	2576	2595	1000	2591.428	-40.01	-25

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



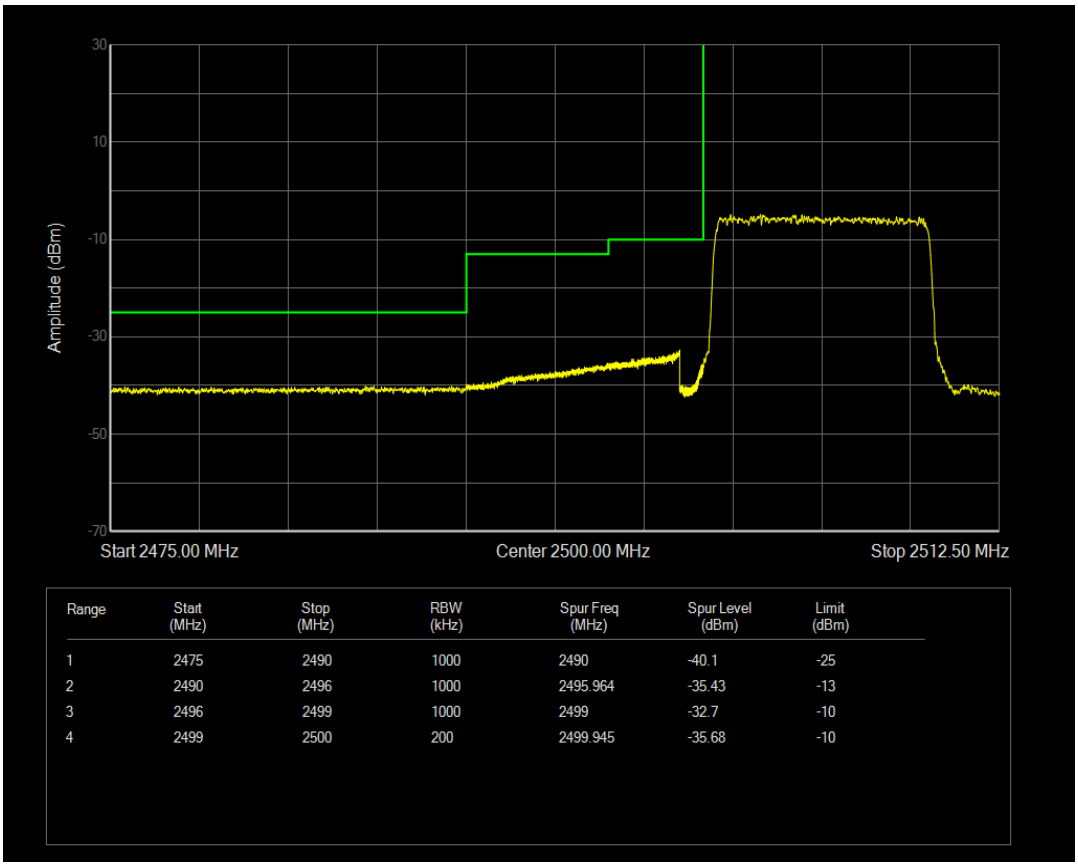
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2483.235	-40.11	-25
2	2490	2496	1000	2495.484	-39.81	-13
3	2496	2499	1000	2499	-22.8	-10
4	2499	2500	200	2499.986	-35.29	-10

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



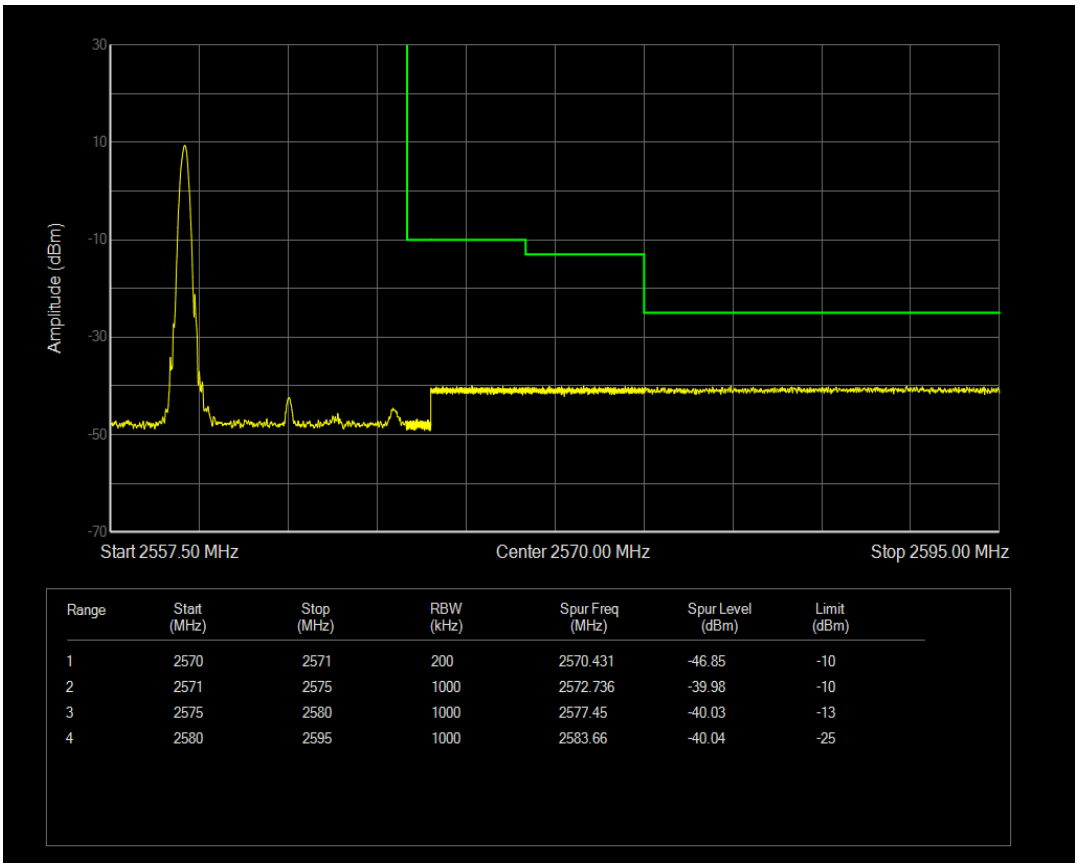
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.58	-40.1	-25
2	2490	2496	1000	2491.758	-39.89	-13
3	2496	2499	1000	2496.081	-39.9	-10
4	2499	2500	200	2499.068	-46.66	-10

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



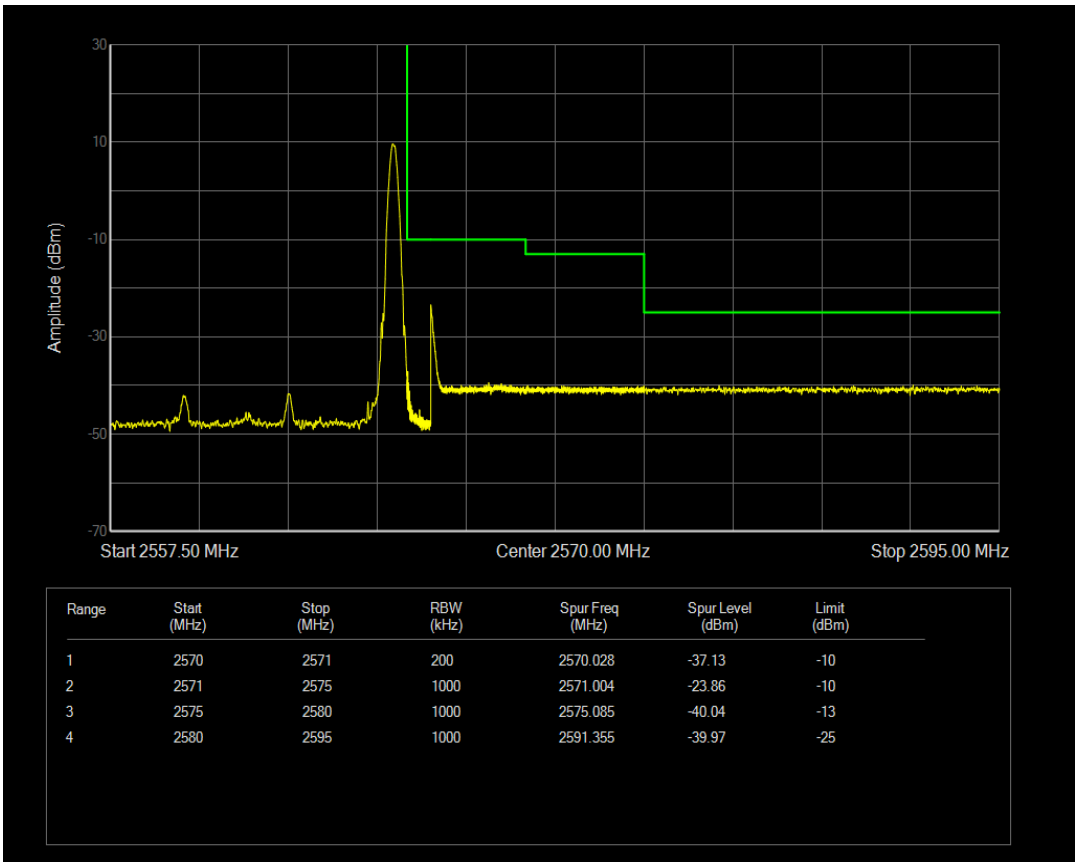
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2490	-40.1	-25
2	2490	2496	1000	2495.964	-35.43	-13
3	2496	2499	1000	2499	-32.7	-10
4	2499	2500	200	2499.945	-35.68	-10

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



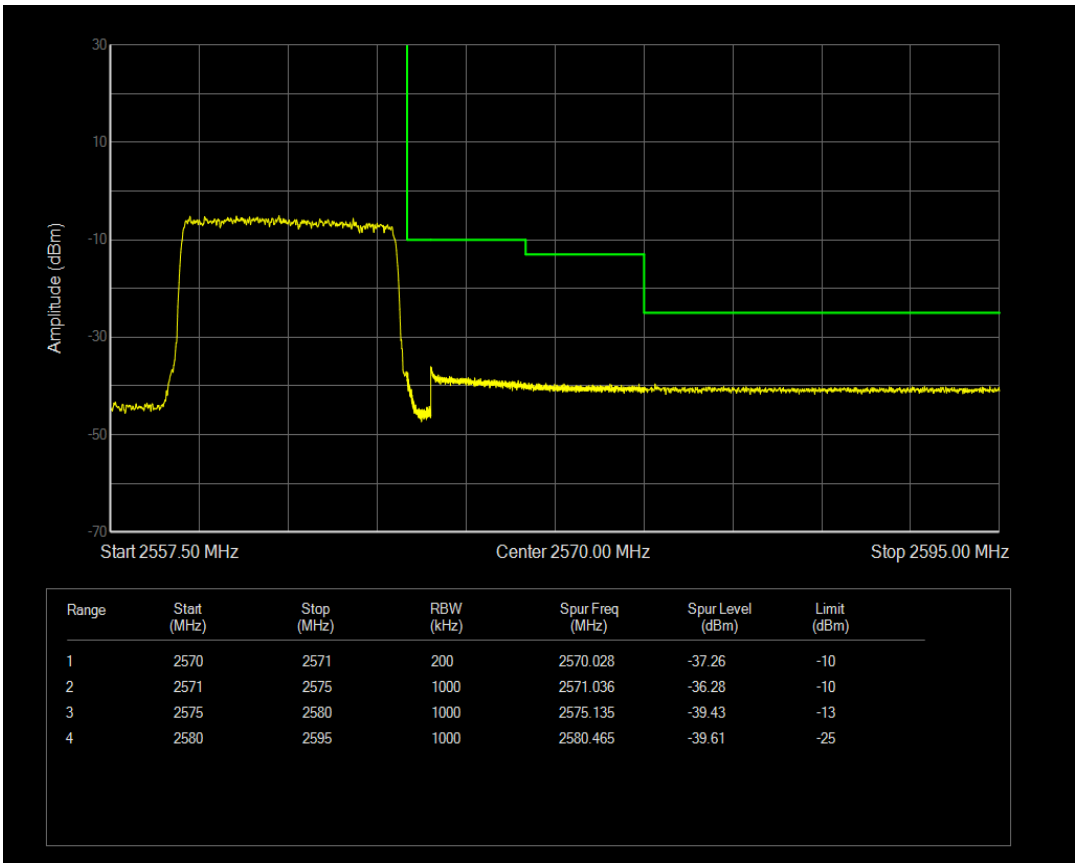
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.431	-46.85	-10
2	2571	2575	1000	2572.736	-39.98	-10
3	2575	2580	1000	2577.45	-40.03	-13
4	2580	2595	1000	2583.66	-40.04	-25

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



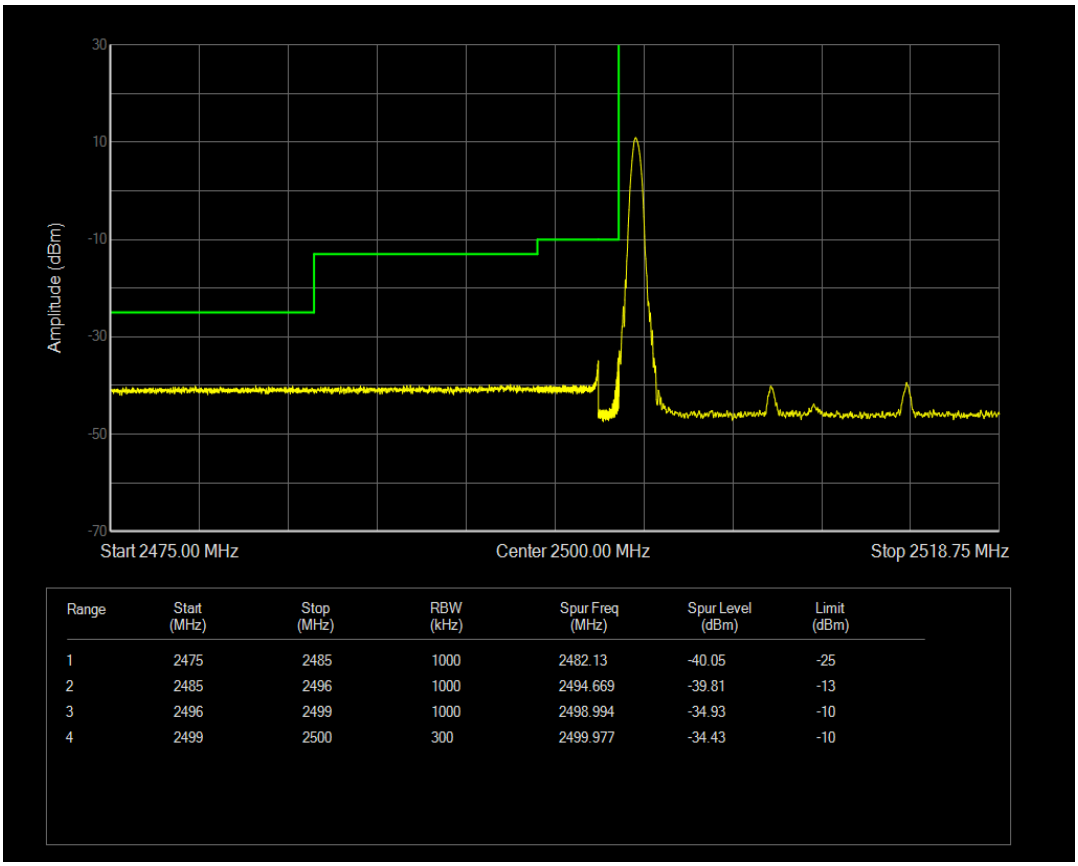
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.028	-37.13	-10
2	2571	2575	1000	2571.004	-23.86	-10
3	2575	2580	1000	2575.085	-40.04	-13
4	2580	2595	1000	2591.355	-39.97	-25

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



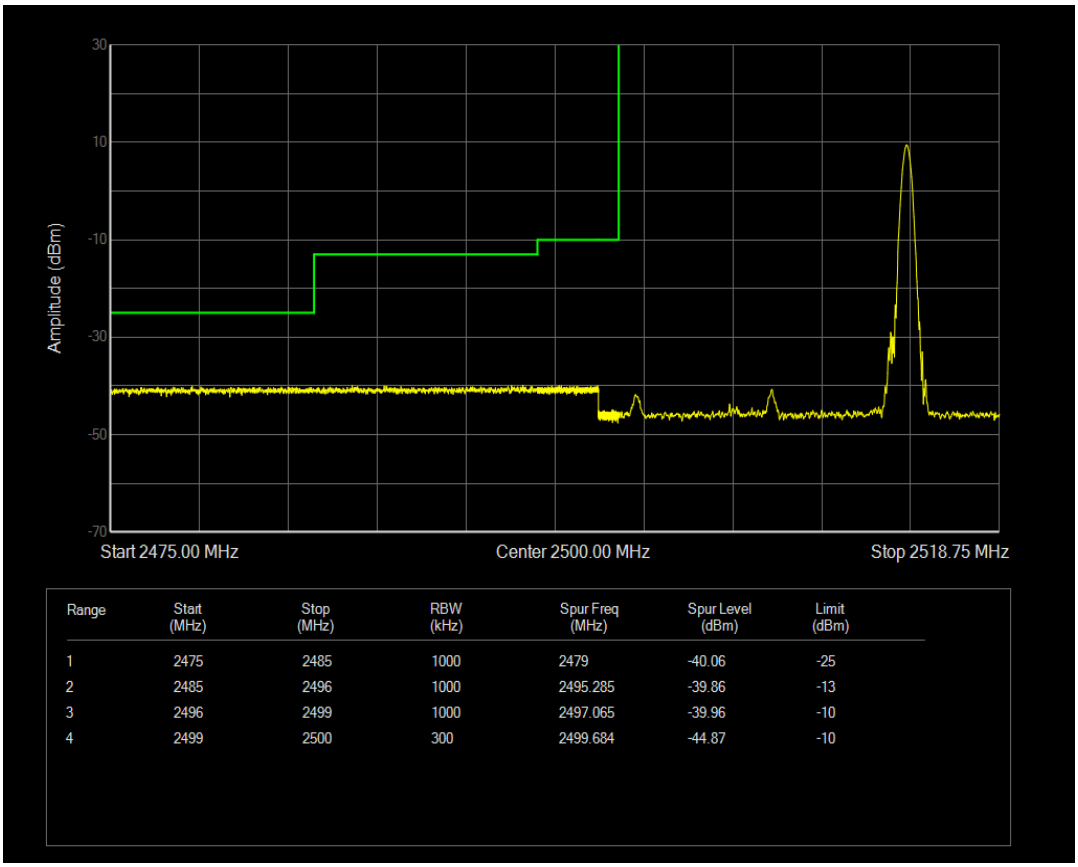
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.028	-37.26	-10
2	2571	2575	1000	2571.036	-36.28	-10
3	2575	2580	1000	2575.135	-39.43	-13
4	2580	2595	1000	2580.465	-39.61	-25

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



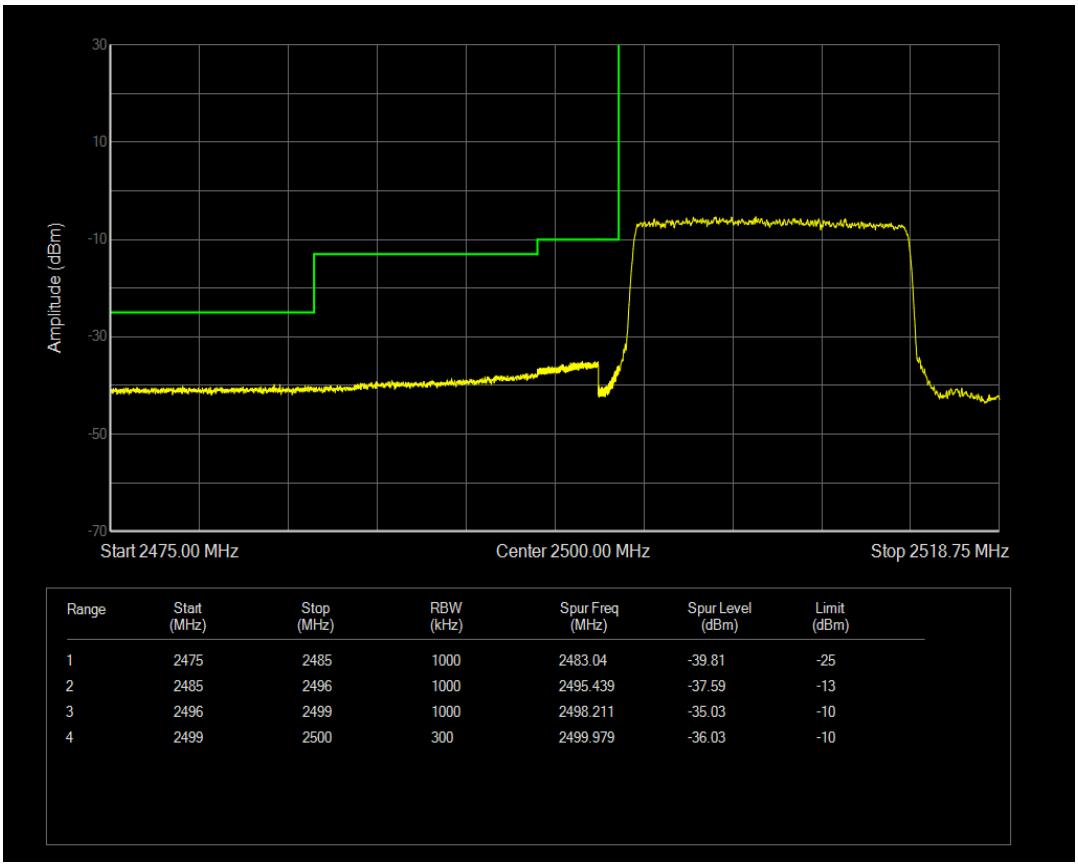
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2482.13	-40.05	-25
2	2485	2496	1000	2494.669	-39.81	-13
3	2496	2499	1000	2498.994	-34.93	-10
4	2499	2500	300	2499.977	-34.43	-10

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



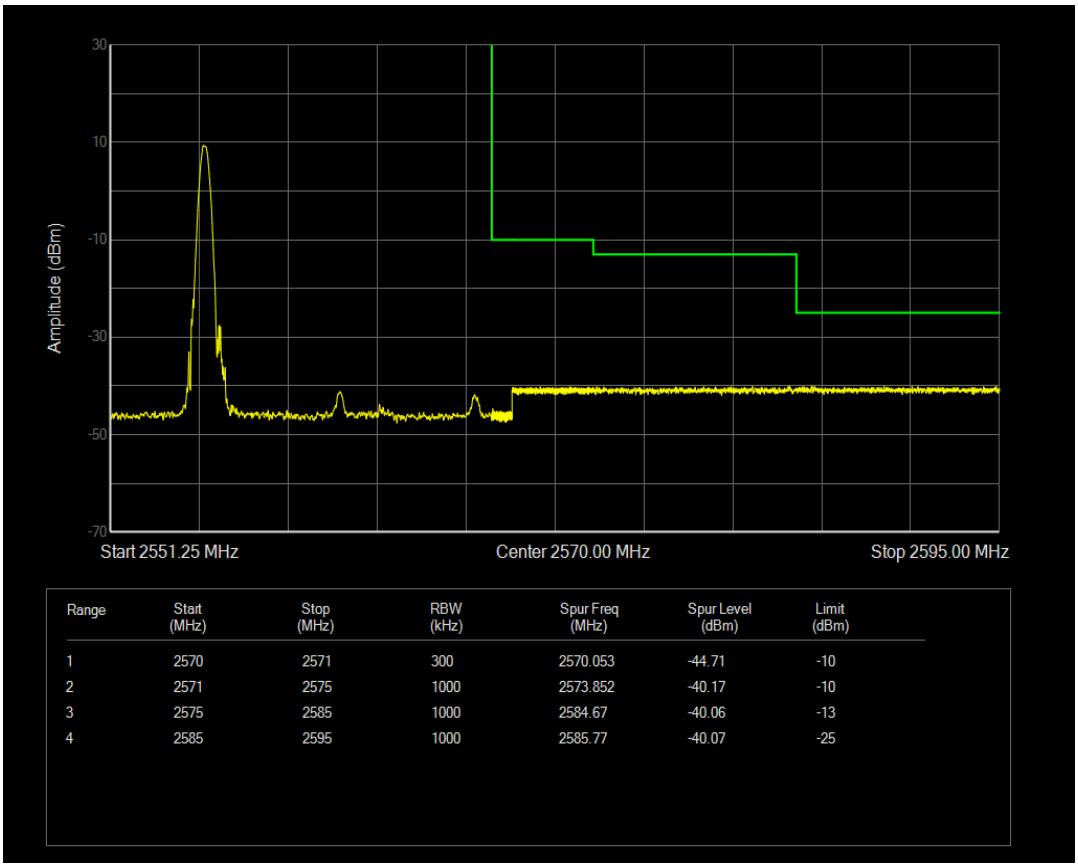
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2479	-40.06	-25
2	2485	2496	1000	2495.285	-39.86	-13
3	2496	2499	1000	2497.065	-39.96	-10
4	2499	2500	300	2499.684	-44.87	-10

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



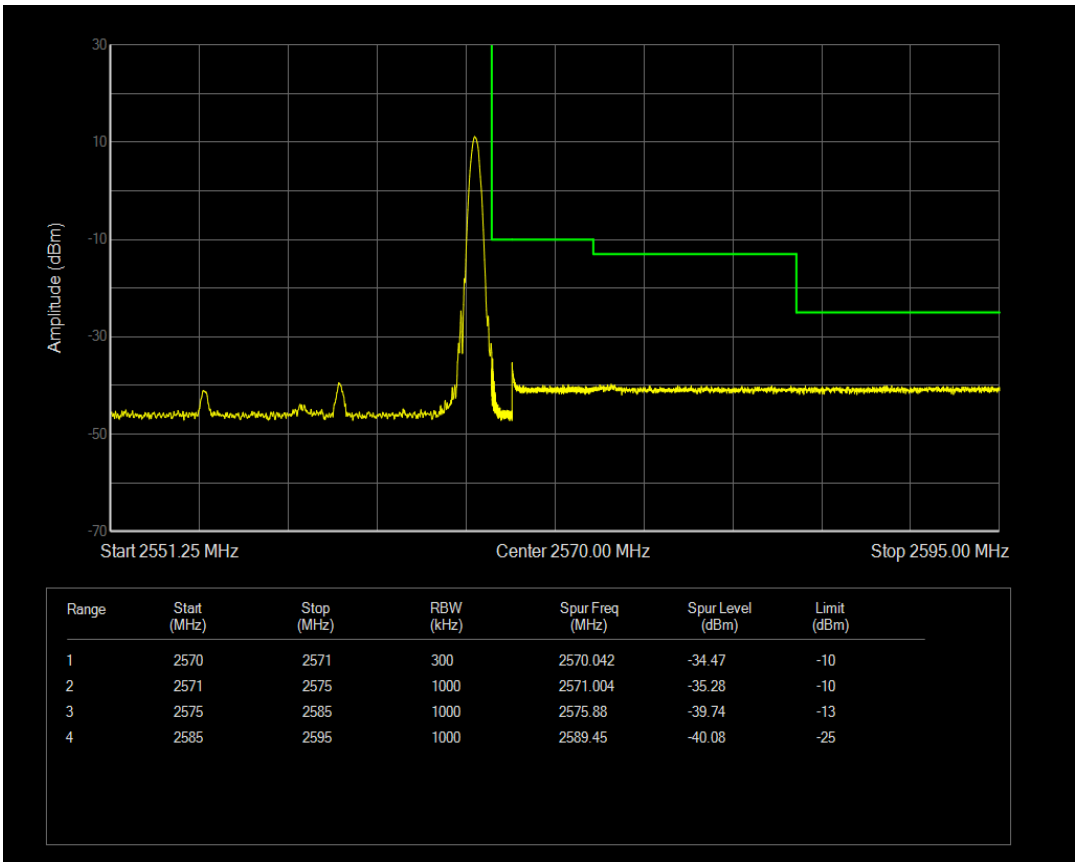
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2483.04	-39.81	-25
2	2485	2496	1000	2495.439	-37.59	-13
3	2496	2499	1000	2498.211	-35.03	-10
4	2499	2500	300	2499.979	-36.03	-10

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



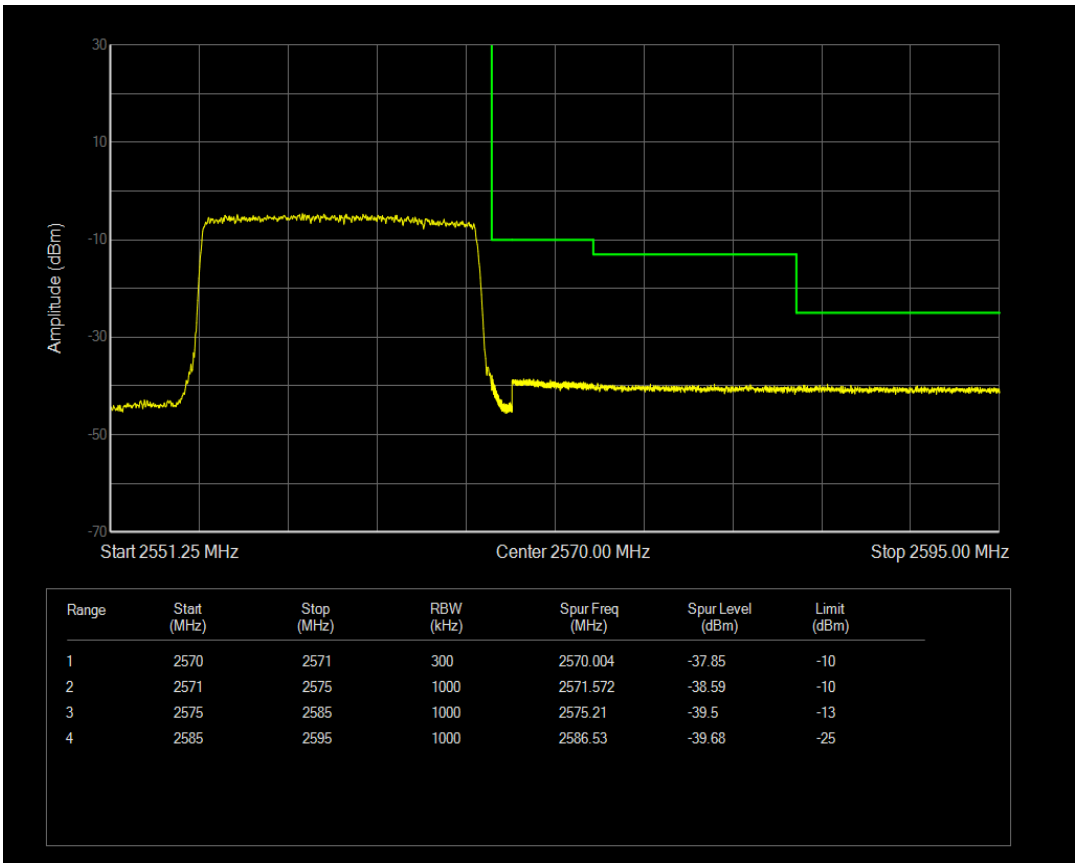
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.053	-44.71	-10
2	2571	2575	1000	2573.852	-40.17	-10
3	2575	2585	1000	2584.67	-40.06	-13
4	2585	2595	1000	2585.77	-40.07	-25

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



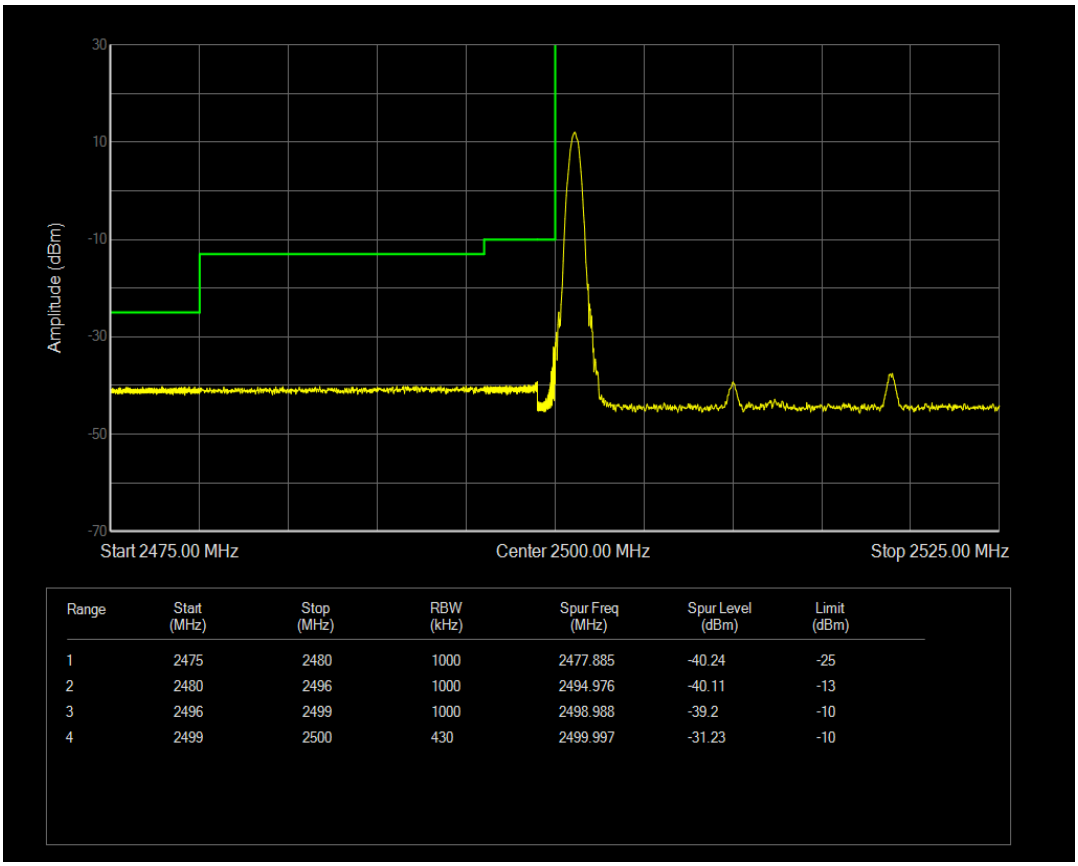
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.042	-34.47	-10
2	2571	2575	1000	2571.004	-35.28	-10
3	2575	2585	1000	2575.88	-39.74	-13
4	2585	2595	1000	2589.45	-40.08	-25

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



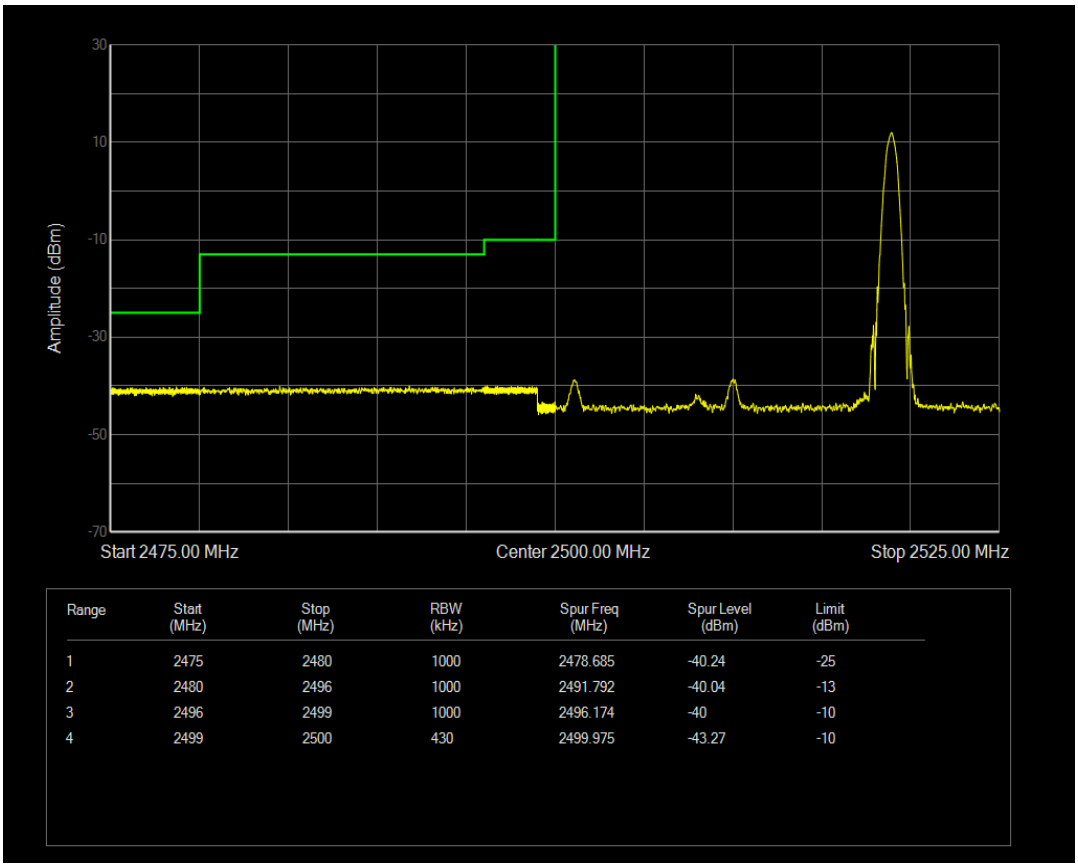
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.004	-37.85	-10
2	2571	2575	1000	2571.572	-38.59	-10
3	2575	2585	1000	2575.21	-39.5	-13
4	2585	2595	1000	2586.53	-39.68	-25

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



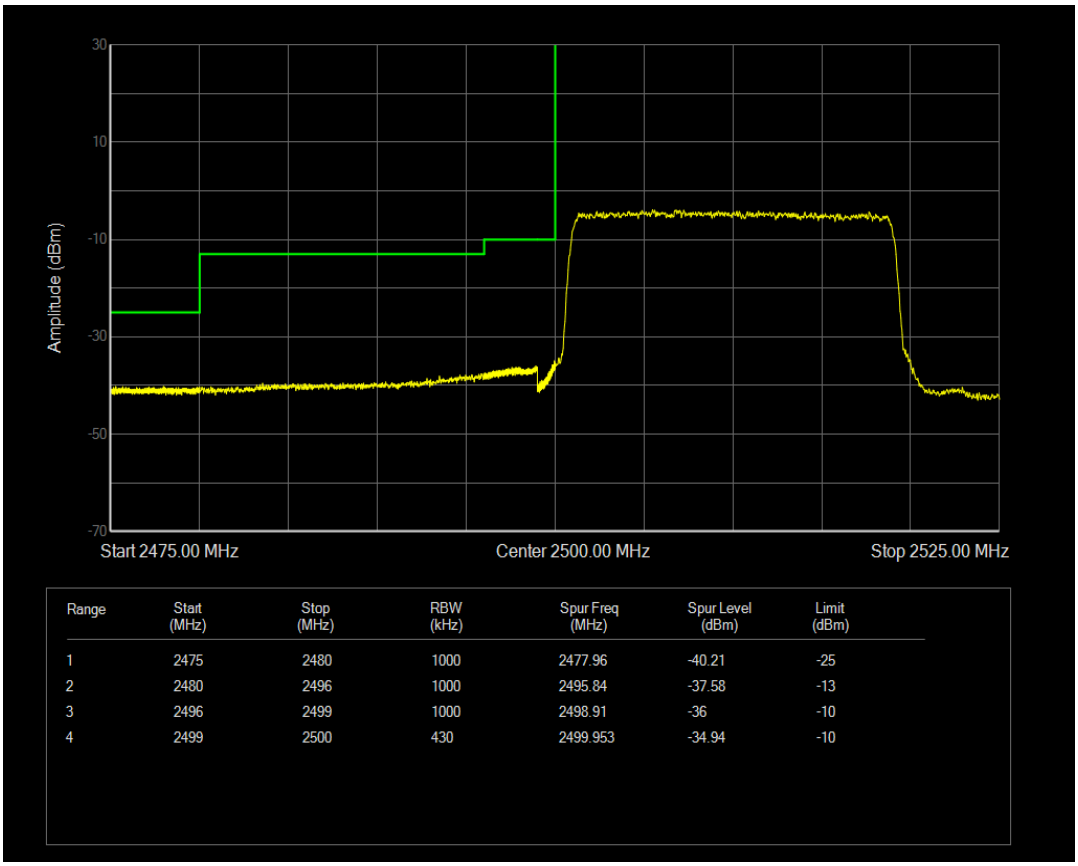
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2477.885	-40.24	-25
2	2480	2496	1000	2494.976	-40.11	-13
3	2496	2499	1000	2498.988	-39.2	-10
4	2499	2500	430	2499.997	-31.23	-10

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



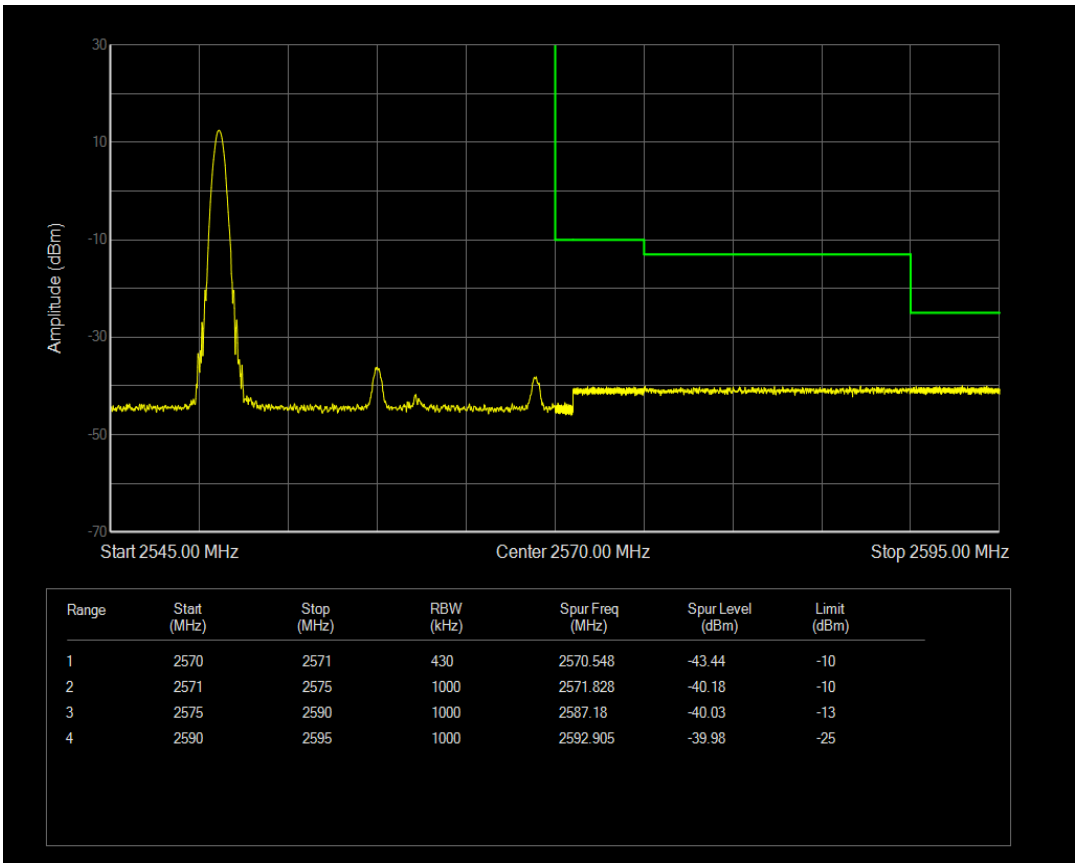
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2478.685	-40.24	-25
2	2480	2496	1000	2491.792	-40.04	-13
3	2496	2499	1000	2496.174	-40	-10
4	2499	2500	430	2499.975	-43.27	-10

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



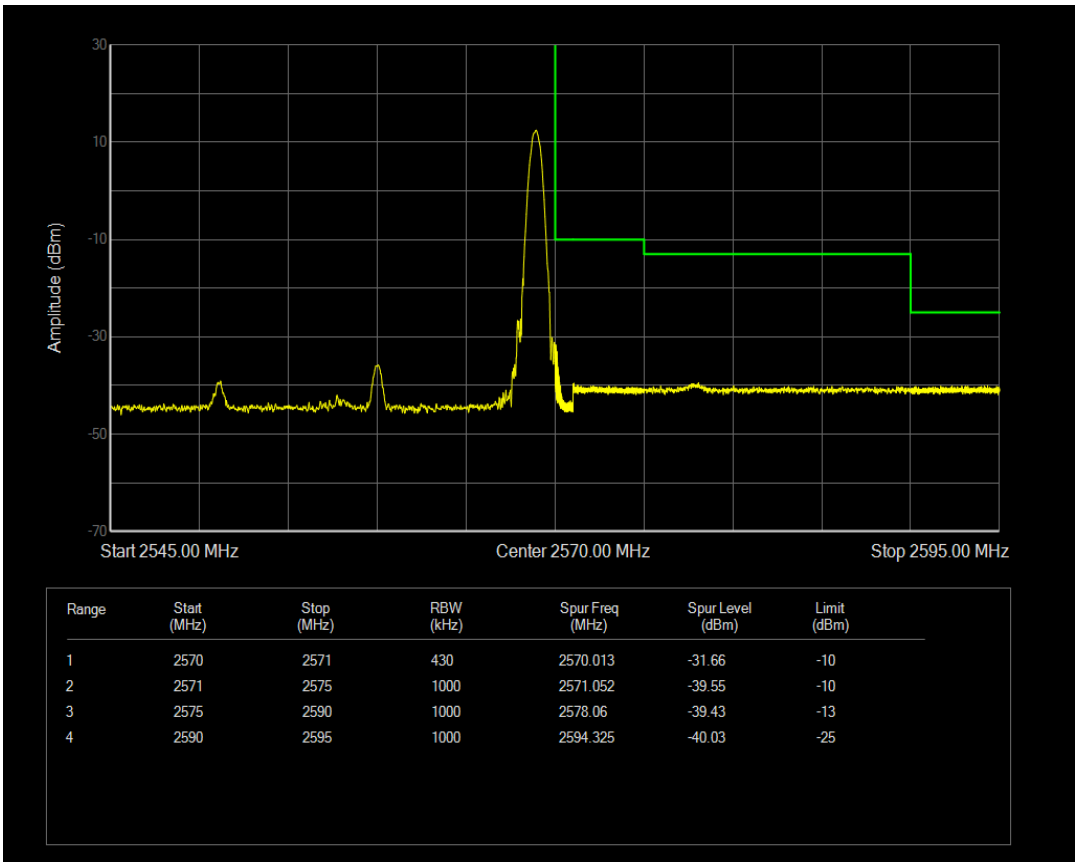
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2477.96	-40.21	-25
2	2480	2496	1000	2495.84	-37.58	-13
3	2496	2499	1000	2498.91	-36	-10
4	2499	2500	430	2499.953	-34.94	-10

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



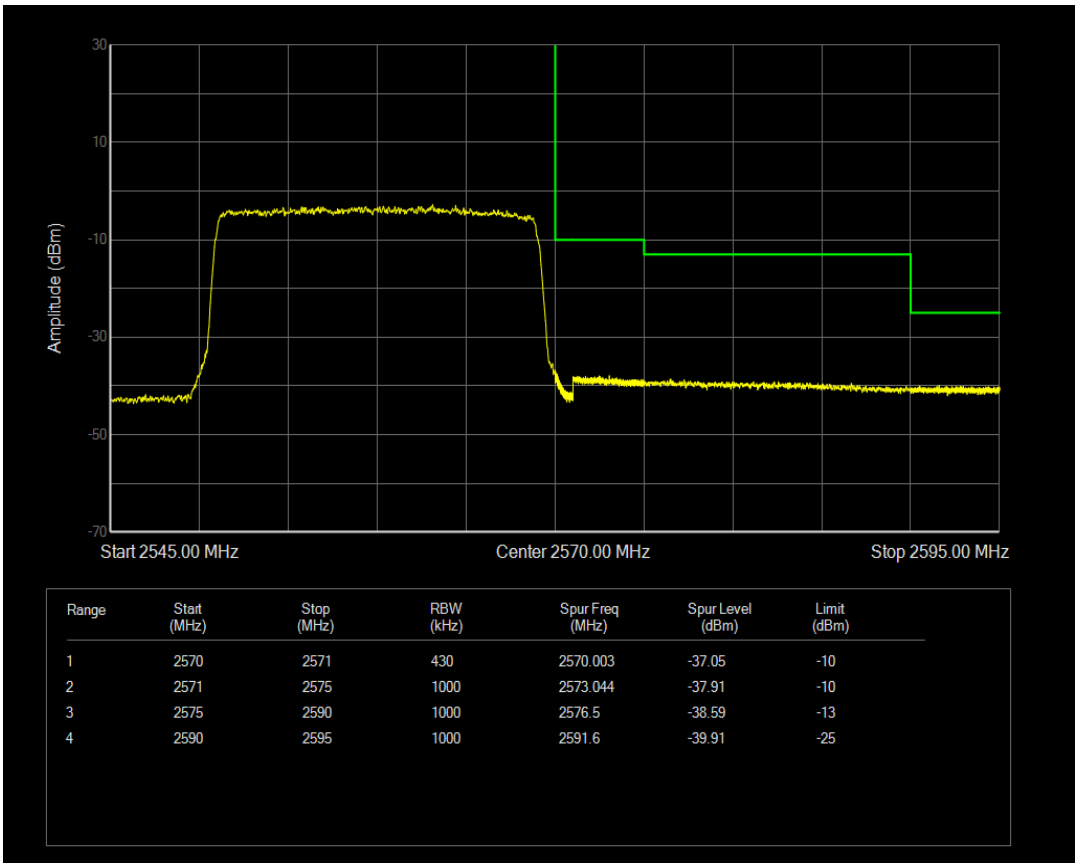
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.548	-43.44	-10
2	2571	2575	1000	2571.828	-40.18	-10
3	2575	2590	1000	2587.18	-40.03	-13
4	2590	2595	1000	2592.905	-39.98	-25

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



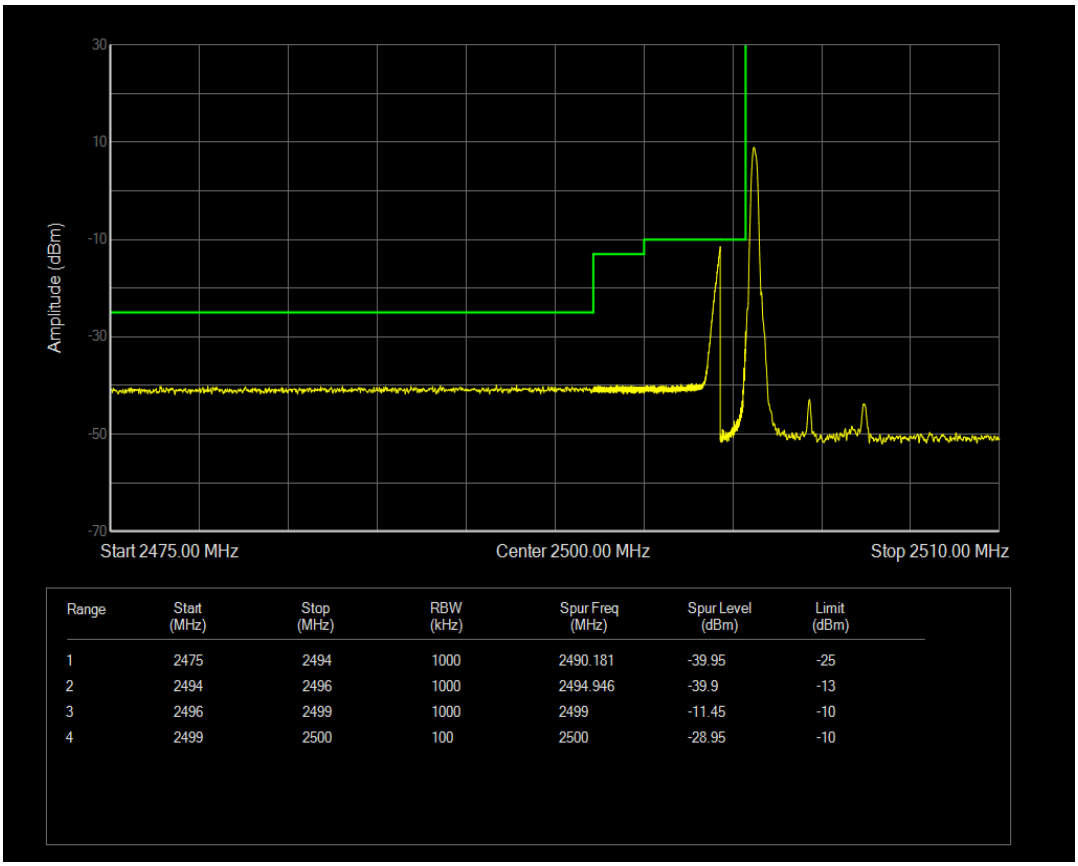
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.013	-31.66	-10
2	2571	2575	1000	2571.052	-39.55	-10
3	2575	2590	1000	2578.06	-39.43	-13
4	2590	2595	1000	2594.325	-40.03	-25

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



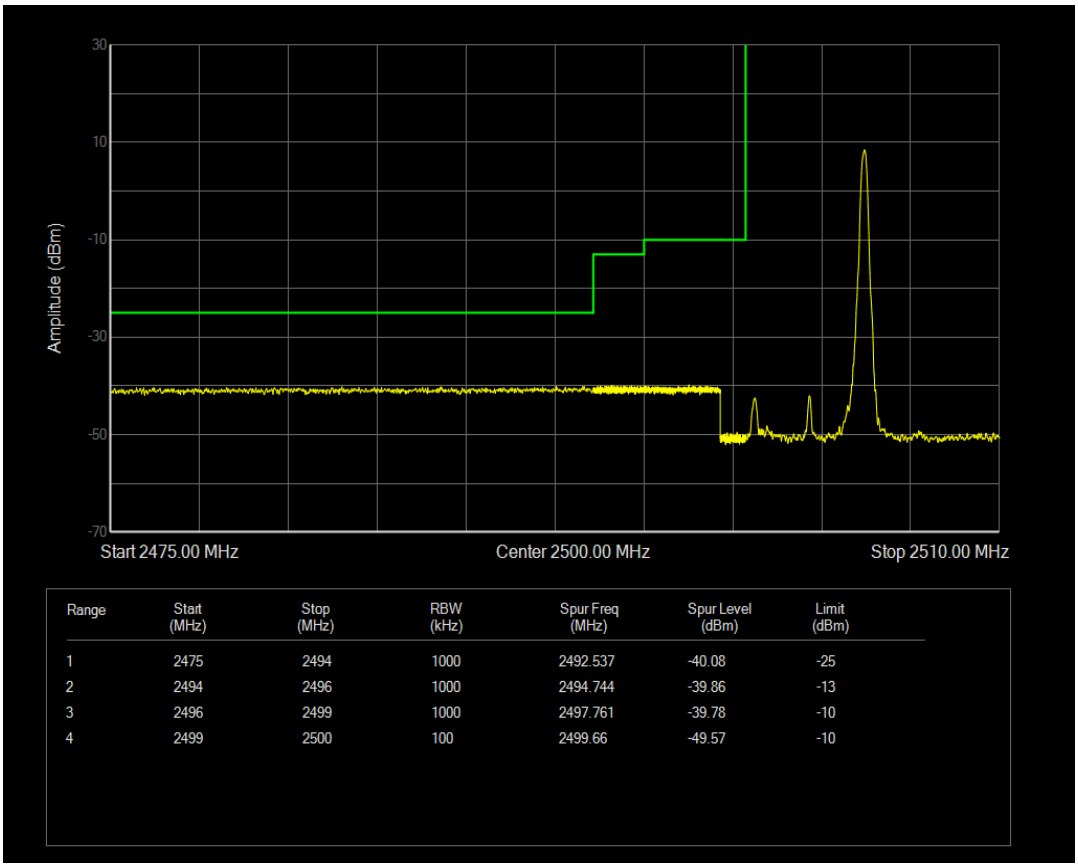
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.003	-37.05	-10
2	2571	2575	1000	2573.044	-37.91	-10
3	2575	2590	1000	2576.5	-38.59	-13
4	2590	2595	1000	2591.6	-39.91	-25

Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



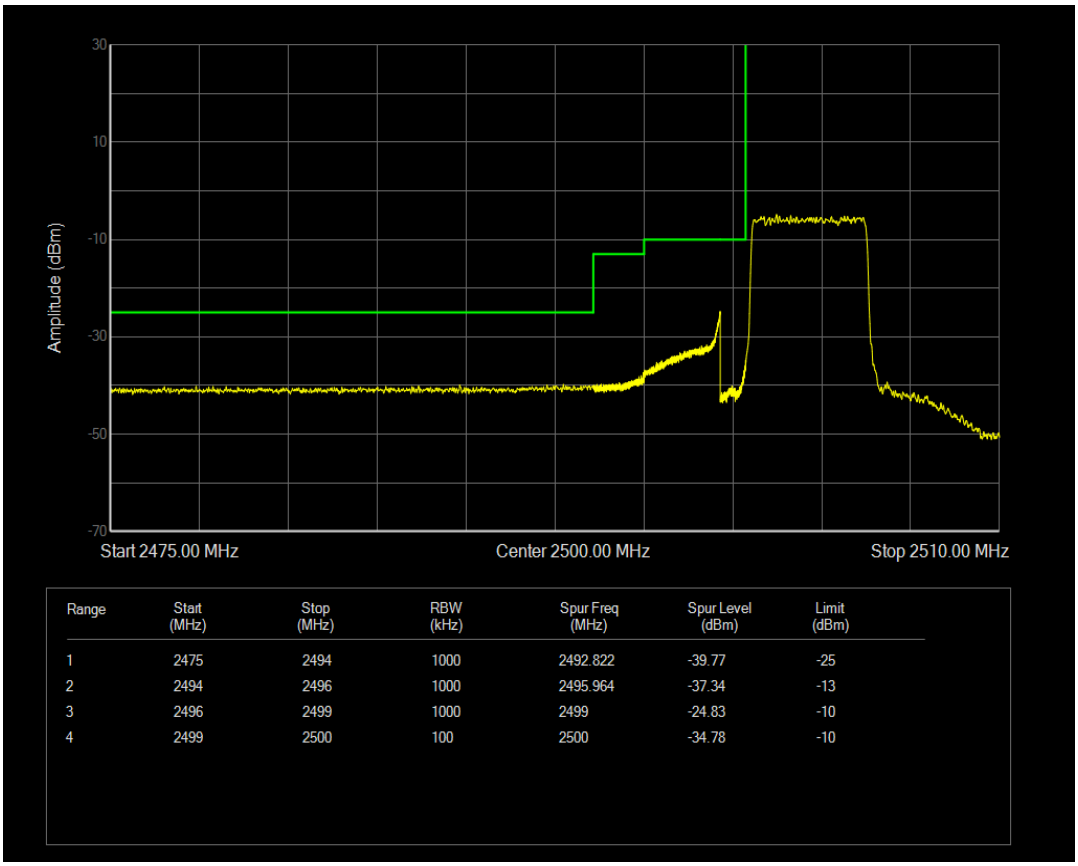
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2490.181	-39.95	-25
2	2494	2496	1000	2494.946	-39.9	-13
3	2496	2499	1000	2499	-11.45	-10
4	2499	2500	100	2500	-28.95	-10

Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max



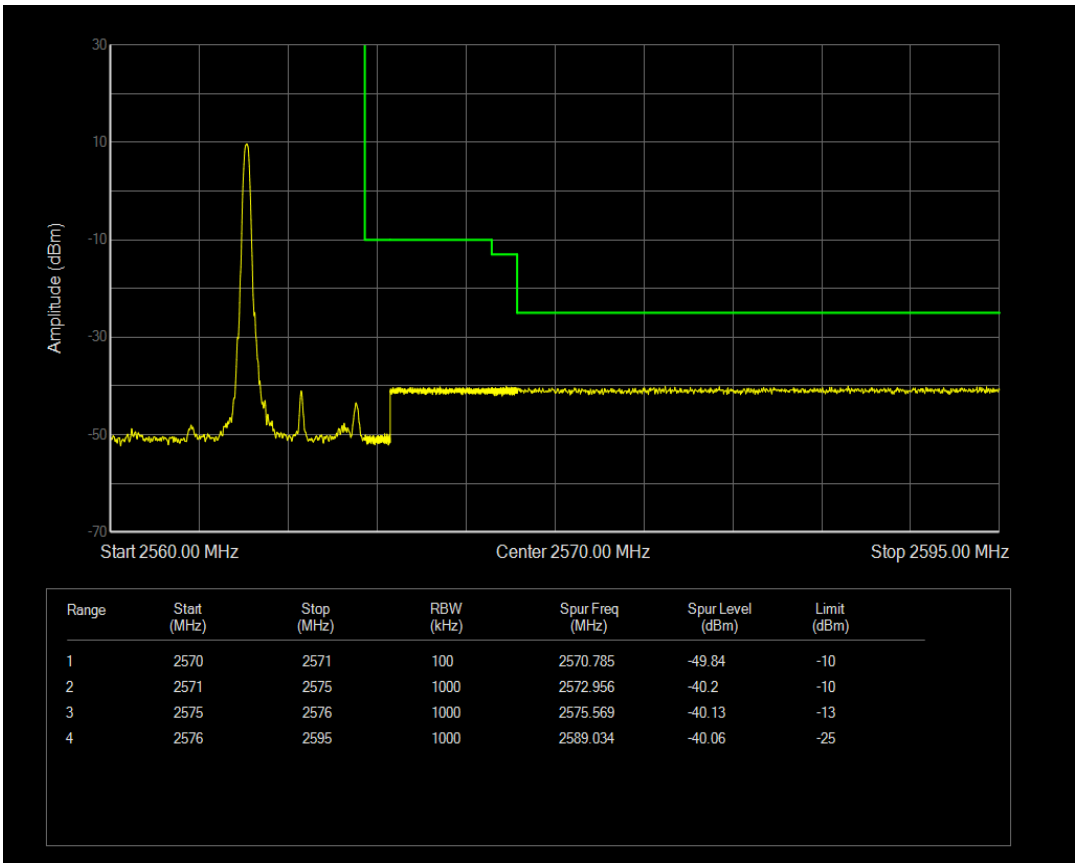
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2492.537	-40.08	-25
2	2494	2496	1000	2494.744	-39.86	-13
3	2496	2499	1000	2497.761	-39.78	-10
4	2499	2500	100	2499.66	-49.57	-10

Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



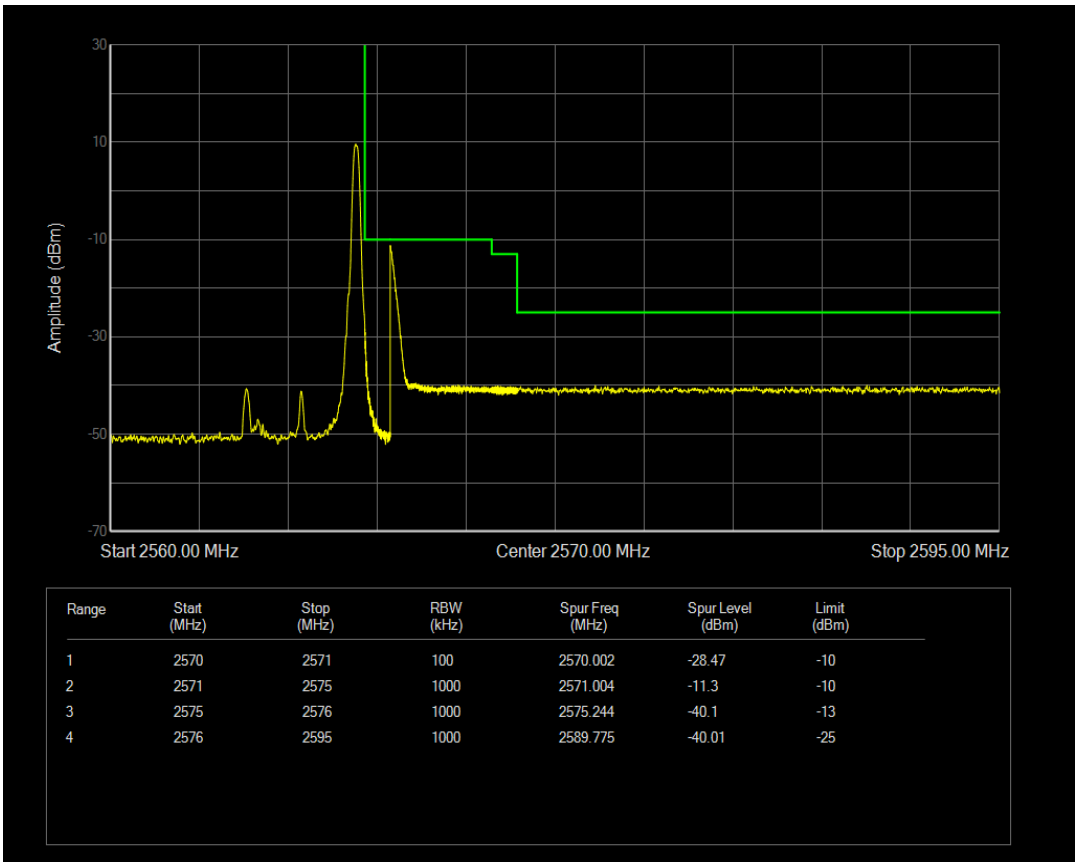
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2492.822	-39.77	-25
2	2494	2496	1000	2495.964	-37.34	-13
3	2496	2499	1000	2499	-24.83	-10
4	2499	2500	100	2500	-34.78	-10

Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



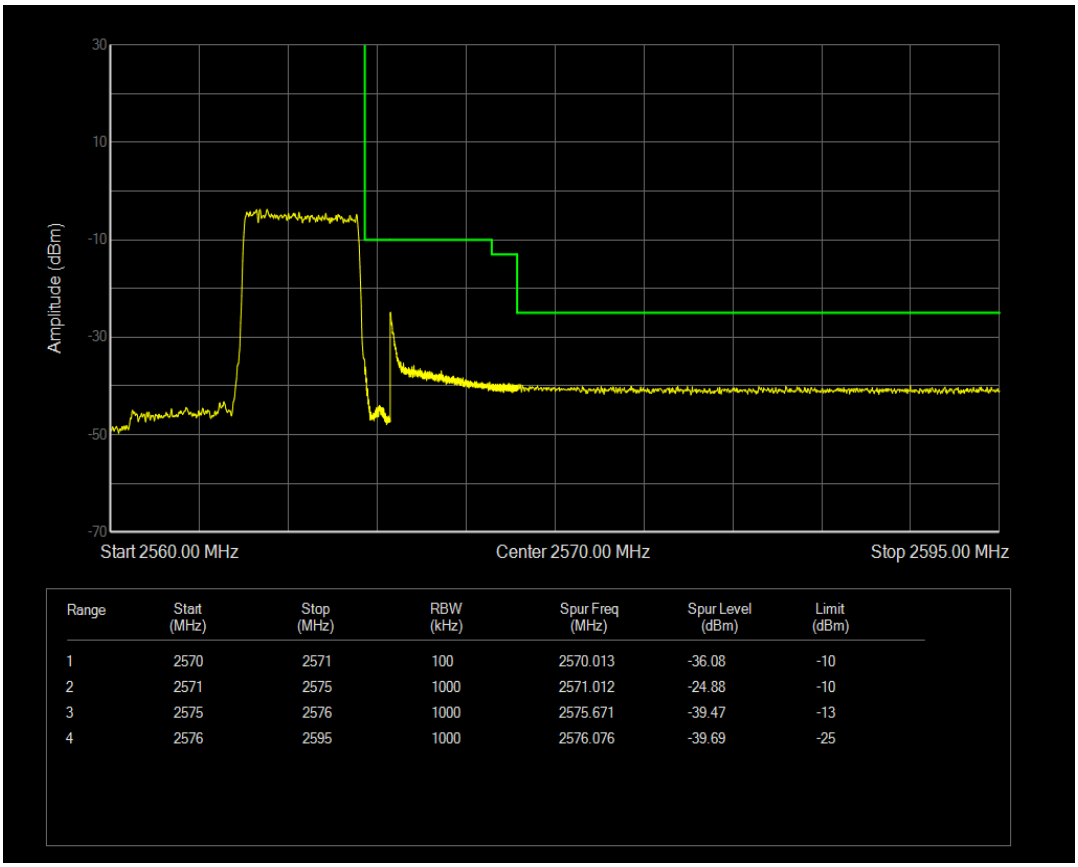
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.785	-49.84	-10
2	2571	2575	1000	2572.956	-40.2	-10
3	2575	2576	1000	2575.569	-40.13	-13
4	2576	2595	1000	2589.034	-40.06	-25

Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#Max



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.002	-28.47	-10
2	2571	2575	1000	2571.004	-11.3	-10
3	2575	2576	1000	2575.244	-40.1	-13
4	2576	2595	1000	2589.775	-40.01	-25

Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



06 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	2114.35	-32.07	-13	PASS
Band17	5	23755	25	#0	QPSK	26158.30	-33.54	-13	PASS
Band17	5	23755	1	#0	QAM16	2114.35	-30.59	-13	PASS
Band17	5	23755	25	#0	QAM16	25582.00	-33.66	-13	PASS
Band17	5	23790	1	#0	QPSK	2124.55	-33.51	-13	PASS
Band17	5	23790	25	#0	QPSK	25245.40	-32.72	-13	PASS
Band17	5	23790	1	#0	QAM16	2124.55	-27.96	-13	PASS
Band17	5	23790	25	#0	QAM16	25712.05	-32.68	-13	PASS
Band17	5	23825	1	#0	QPSK	2134.75	-32.69	-13	PASS
Band17	5	23825	25	#0	QPSK	25801.30	-34.22	-13	PASS
Band17	5	23825	1	#0	QAM16	25612.60	-33.84	-13	PASS
Band17	5	23825	25	#0	QAM16	25245.40	-33.30	-13	PASS
Band17	10	23780	1	#0	QPSK	2114.35	-32.96	-13	PASS
Band17	10	23780	50	#0	QPSK	26089.45	-32.69	-13	PASS
Band17	10	23780	1	#0	QAM16	25548.85	-34.02	-13	PASS
Band17	10	23780	50	#0	QAM16	25564.15	-33.78	-13	PASS
Band17	10	23790	1	#0	QPSK	2116.90	-32.23	-13	PASS
Band17	10	23790	50	#0	QPSK	25791.10	-33.23	-13	PASS
Band17	10	23790	1	#0	QAM16	2116.90	-28.33	-13	PASS
Band17	10	23790	50	#0	QAM16	25582.00	-33.83	-13	PASS

Band17	10	23800	1	#0	QPSK	2119.45	-32.19	-13	PASS
Band17	10	23800	50	#0	QPSK	25699.30	-33.89	-13	PASS
Band17	10	23800	1	#0	QAM16	2119.45	-28.94	-13	PASS
Band17	10	23800	50	#0	QAM16	26132.80	-32.66	-13	PASS
Band2	1.4	18607	1	#0	QPSK	25202.05	-31.11	-13	PASS
Band2	1.4	18607	6	#0	QPSK	25742.65	-31.91	-13	PASS
Band2	1.4	18607	1	#0	QAM16	25533.55	-30.95	-13	PASS
Band2	1.4	18607	6	#0	QAM16	25852.30	-31.21	-13	PASS
Band2	1.4	18900	1	#0	QPSK	25270.90	-31.19	-13	PASS
Band2	1.4	18900	6	#0	QPSK	25508.05	-31.92	-13	PASS
Band2	1.4	18900	1	#0	QAM16	25225.00	-31.07	-13	PASS
Band2	1.4	18900	6	#0	QAM16	25699.30	-31.45	-13	PASS
Band2	1.4	19193	1	#0	QPSK	26107.30	-31.19	-13	PASS
Band2	1.4	19193	6	#0	QPSK	25709.50	-30.95	-13	PASS
Band2	1.4	19193	1	#0	QAM16	25831.90	-31.48	-13	PASS
Band2	1.4	19193	6	#0	QAM16	25594.75	-31.83	-13	PASS
Band2	3	18615	1	#0	QPSK	26012.95	-31.75	-13	PASS
Band2	3	18615	15	#0	QPSK	25495.30	-31.70	-13	PASS
Band2	3	18615	1	#0	QAM16	26140.45	-32.05	-13	PASS
Band2	3	18615	15	#0	QAM16	26097.10	-31.79	-13	PASS
Band2	3	18900	1	#0	QPSK	26028.25	-31.73	-13	PASS
Band2	3	18900	15	#0	QPSK	26130.25	-30.97	-13	PASS
Band2	3	18900	1	#0	QAM16	25556.50	-31.96	-13	PASS
Band2	3	18900	15	#0	QAM16	25668.70	-31.52	-13	PASS
Band2	3	19185	1	#0	QPSK	25242.85	-30.43	-13	PASS
Band2	3	19185	15	#0	QPSK	25263.25	-30.94	-13	PASS
Band2	3	19185	1	#0	QAM16	26102.20	-31.43	-13	PASS
Band2	3	19185	15	#0	QAM16	25556.50	-31.22	-13	PASS
Band2	5	18625	1	#0	QPSK	25214.80	-30.99	-13	PASS
Band2	5	18625	25	#0	QPSK	25276.00	-31.41	-13	PASS
Band2	5	18625	1	#0	QAM16	25151.05	-32.03	-13	PASS
Band2	5	18625	25	#0	QAM16	25454.50	-31.64	-13	PASS
Band2	5	18900	1	#0	QPSK	26163.40	-31.91	-13	PASS
Band2	5	18900	25	#0	QPSK	26033.35	-31.29	-13	PASS
Band2	5	18900	1	#0	QAM16	25372.90	-31.13	-13	PASS
Band2	5	18900	25	#0	QAM16	26150.65	-31.45	-13	PASS
Band2	5	19175	1	#0	QPSK	25240.30	-31.18	-13	PASS
Band2	5	19175	25	#0	QPSK	26454.10	-31.65	-13	PASS
Band2	5	19175	1	#0	QAM16	25240.30	-31.63	-13	PASS
Band2	5	19175	25	#0	QAM16	25967.05	-31.45	-13	PASS
Band2	10	18650	1	#0	QPSK	25263.25	-31.72	-13	PASS
Band2	10	18650	50	#0	QPSK	25362.70	-31.51	-13	PASS
Band2	10	18650	1	#0	QAM16	25597.30	-30.56	-13	PASS
Band2	10	18650	50	#0	QAM16	25627.90	-30.69	-13	PASS

Band2	10	18900	1	#0	QPSK	25332.10	-30.58	-13	PASS
Band2	10	18900	50	#0	QPSK	26107.30	-31.12	-13	PASS
Band2	10	18900	1	#0	QAM16	26051.20	-31.33	-13	PASS
Band2	10	18900	50	#0	QAM16	26479.60	-31.39	-13	PASS
Band2	10	19150	1	#0	QPSK	26002.75	-30.79	-13	PASS
Band2	10	19150	50	#0	QPSK	26025.70	-31.17	-13	PASS
Band2	10	19150	1	#0	QAM16	25566.70	-30.97	-13	PASS
Band2	10	19150	50	#0	QAM16	26487.25	-31.82	-13	PASS
Band2	15	18675	1	#0	QPSK	25977.25	-31.78	-13	PASS
Band2	15	18675	75	#0	QPSK	26035.90	-31.40	-13	PASS
Band2	15	18675	1	#0	QAM16	26018.05	-31.70	-13	PASS
Band2	15	18675	75	#0	QAM16	25255.60	-31.27	-13	PASS
Band2	15	18900	1	#0	QPSK	25232.65	-31.57	-13	PASS
Band2	15	18900	75	#0	QPSK	26002.75	-31.40	-13	PASS
Band2	15	18900	1	#0	QAM16	25658.50	-31.74	-13	PASS
Band2	15	18900	75	#0	QAM16	25189.30	-31.08	-13	PASS
Band2	15	19125	1	#0	QPSK	25278.55	-31.43	-13	PASS
Band2	15	19125	75	#0	QPSK	26097.10	-31.91	-13	PASS
Band2	15	19125	1	#0	QAM16	25441.75	-30.95	-13	PASS
Band2	15	19125	75	#0	QAM16	25666.15	-31.67	-13	PASS
Band2	20	18700	1	#0	QPSK	26130.25	-31.93	-13	PASS
Band2	20	18700	100	#0	QPSK	25650.85	-31.13	-13	PASS
Band2	20	18700	1	#0	QAM16	26089.45	-31.81	-13	PASS
Band2	20	18700	100	#0	QAM16	25791.10	-32.25	-13	PASS
Band2	20	18900	1	#0	QPSK	26477.05	-31.34	-13	PASS
Band2	20	18900	100	#0	QPSK	25561.60	-32.25	-13	PASS
Band2	20	18900	1	#0	QAM16	25245.40	-31.65	-13	PASS
Band2	20	18900	100	#0	QAM16	25905.85	-31.74	-13	PASS
Band2	20	19100	1	#0	QPSK	26020.60	-30.52	-13	PASS
Band2	20	19100	100	#0	QPSK	25245.40	-31.49	-13	PASS
Band2	20	19100	1	#0	QAM16	26041.00	-31.69	-13	PASS
Band2	20	19100	100	#0	QAM16	26074.15	-31.76	-13	PASS
Band26(814-824)	1.4	26697	1	#0	QPSK	2443.60	-33.00	-13	PASS
Band26(814-824)	1.4	26697	6	#0	QPSK	2444.50	-34.71	-13	PASS
Band26(814-824)	1.4	26697	1	#0	QAM16	2443.60	-34.84	-13	PASS
Band26(814-824)	1.4	26697	6	#0	QAM16	2444.50	-32.94	-13	PASS
Band26(814-824)	1.4	26740	1	#0	QPSK	2456.20	-33.59	-13	PASS
Band26(814-824)	1.4	26740	6	#0	QPSK	2458.00	-36.14	-13	PASS
Band26(814-824)	1.4	26740	1	#0	QAM16	2456.20	-31.55	-13	PASS
Band26(814-824)	1.4	26740	6	#0	QAM16	2457.10	-35.02	-13	PASS
Band26(814-824)	1.4	26783	1	#0	QPSK	2468.80	-32.57	-13	PASS
Band26(814-824)	1.4	26783	6	#0	QPSK	2469.70	-35.10	-13	PASS
Band26(814-824)	1.4	26783	1	#0	QAM16	2469.70	-31.27	-13	PASS
Band26(814-824)	1.4	26783	6	#0	QAM16	2470.60	-34.92	-13	PASS

Band26(814-824)	3	26705	1	#0	QPSK	2443.60	-32.11	-13	PASS
Band26(814-824)	3	26705	15	#0	QPSK	2447.20	-40.14	-13	PASS
Band26(814-824)	3	26705	1	#0	QAM16	2443.60	-29.84	-13	PASS
Band26(814-824)	3	26705	15	#0	QAM16	2446.30	-39.18	-13	PASS
Band26(814-824)	3	26740	1	#0	QPSK	2453.50	-33.17	-13	PASS
Band26(814-824)	3	26740	15	#0	QPSK	2459.80	-40.37	-13	PASS
Band26(814-824)	3	26740	1	#0	QAM16	2454.40	-31.86	-13	PASS
Band26(814-824)	3	26740	15	#0	QAM16	2458.00	-39.02	-13	PASS
Band26(814-824)	3	26775	1	#0	QPSK	2464.30	-32.43	-13	PASS
Band26(814-824)	3	26775	15	#0	QPSK	2468.80	-38.72	-13	PASS
Band26(814-824)	3	26775	1	#0	QAM16	2464.30	-33.44	-13	PASS
Band26(814-824)	3	26775	15	#0	QAM16	2467.90	-38.34	-13	PASS
Band26(814-824)	5	26715	1	#0	QPSK	2443.60	-31.66	-13	PASS
Band26(814-824)	5	26715	25	#0	QPSK	2446.30	-41.30	-13	PASS
Band26(814-824)	5	26715	1	#0	QAM16	2443.60	-32.12	-13	PASS
Band26(814-824)	5	26715	25	#0	QAM16	2447.20	-42.00	-13	PASS
Band26(814-824)	5	26740	1	#0	QPSK	2450.80	-32.82	-13	PASS
Band26(814-824)	5	26740	25	#0	QPSK	2454.40	-41.33	-13	PASS
Band26(814-824)	5	26740	1	#0	QAM16	2450.80	-32.15	-13	PASS
Band26(814-824)	5	26740	25	#0	QAM16	2458.00	-40.44	-13	PASS
Band26(814-824)	5	26765	1	#0	QPSK	2458.90	-34.99	-13	PASS
Band26(814-824)	5	26765	25	#0	QPSK	2461.60	-41.87	-13	PASS
Band26(814-824)	5	26765	1	#0	QAM16	2458.90	-32.92	-13	PASS
Band26(814-824)	5	26765	25	#0	QAM16	2463.40	-41.27	-13	PASS
Band26(814-824)	10	26740	1	#0	QPSK	2444.50	-32.87	-13	PASS
Band26(814-824)	10	26740	50	#0	QPSK	2459.80	-43.63	-13	PASS
Band26(814-824)	10	26740	1	#0	QAM16	2444.50	-29.94	-13	PASS
Band26(814-824)	10	26740	50	#0	QAM16	2458.00	-43.18	-13	PASS
Band26(824-849)	1.4	26797	1	#0	QPSK	2473.90	-31.65	-13	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	2473.90	-32.20	-13	PASS
Band26(824-849)	1.4	26797	1	#0	QAM16	2473.90	-29.49	-13	PASS
Band26(824-849)	1.4	26797	6	#0	QAM16	2473.90	-30.60	-13	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	2509.60	-32.46	-13	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	26015.50	-32.71	-13	PASS
Band26(824-849)	1.4	26915	1	#0	QAM16	2509.60	-31.49	-13	PASS
Band26(824-849)	1.4	26915	6	#0	QAM16	2509.60	-32.27	-13	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	25263.25	-33.12	-13	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	26168.50	-32.30	-13	PASS
Band26(824-849)	1.4	27033	1	#0	QAM16	2545.30	-32.16	-13	PASS
Band26(824-849)	1.4	27033	6	#0	QAM16	25786.00	-33.44	-13	PASS
Band26(824-849)	3	26805	1	#0	QPSK	2473.90	-31.51	-13	PASS
Band26(824-849)	3	26805	15	#0	QPSK	26063.95	-32.53	-13	PASS
Band26(824-849)	3	26805	1	#0	QAM16	2473.90	-30.43	-13	PASS
Band26(824-849)	3	26805	15	#0	QAM16	25663.60	-31.59	-13	PASS

Band26(824-849)	3	26915	1	#0	QPSK	2507.05	-31.19	-13	PASS
Band26(824-849)	3	26915	15	#0	QPSK	25237.75	-32.66	-13	PASS
Band26(824-849)	3	26915	1	#0	QAM16	2507.05	-29.74	-13	PASS
Band26(824-849)	3	26915	15	#0	QAM16	26020.60	-32.93	-13	PASS
Band26(824-849)	3	27025	1	#0	QPSK	2540.20	-31.39	-13	PASS
Band26(824-849)	3	27025	15	#0	QPSK	25536.10	-32.72	-13	PASS
Band26(824-849)	3	27025	1	#0	QAM16	2540.20	-31.79	-13	PASS
Band26(824-849)	3	27025	15	#0	QAM16	25301.50	-32.79	-13	PASS
Band26(824-849)	5	26815	1	#0	QPSK	2473.90	-32.78	-13	PASS
Band26(824-849)	5	26815	25	#0	QPSK	25212.25	-33.12	-13	PASS
Band26(824-849)	5	26815	1	#0	QAM16	2473.90	-29.08	-13	PASS
Band26(824-849)	5	26815	25	#0	QAM16	25587.10	-33.30	-13	PASS
Band26(824-849)	5	26915	1	#0	QPSK	2504.50	-30.90	-13	PASS
Band26(824-849)	5	26915	25	#0	QPSK	26005.30	-33.73	-13	PASS
Band26(824-849)	5	26915	1	#0	QAM16	25230.10	-33.05	-13	PASS
Band26(824-849)	5	26915	25	#0	QAM16	25423.90	-33.12	-13	PASS
Band26(824-849)	5	27015	1	#0	QPSK	2532.55	-32.80	-13	PASS
Band26(824-849)	5	27015	25	#0	QPSK	25283.65	-32.67	-13	PASS
Band26(824-849)	5	27015	1	#0	QAM16	2532.55	-30.14	-13	PASS
Band26(824-849)	5	27015	25	#0	QAM16	25589.65	-31.91	-13	PASS
Band26(824-849)	10	26840	1	#0	QPSK	2473.90	-31.27	-13	PASS
Band26(824-849)	10	26840	50	#0	QPSK	25518.25	-32.91	-13	PASS
Band26(824-849)	10	26840	1	#0	QAM16	26109.85	-33.14	-13	PASS
Band26(824-849)	10	26840	50	#0	QAM16	25390.75	-33.20	-13	PASS
Band26(824-849)	10	26915	1	#0	QPSK	2496.85	-30.97	-13	PASS
Band26(824-849)	10	26915	50	#0	QPSK	25574.35	-33.54	-13	PASS
Band26(824-849)	10	26915	1	#0	QAM16	2496.85	-31.61	-13	PASS
Band26(824-849)	10	26915	50	#0	QAM16	25209.70	-33.23	-13	PASS
Band26(824-849)	10	26990	1	#0	QPSK	2519.80	-31.53	-13	PASS
Band26(824-849)	10	26990	50	#0	QPSK	25620.25	-33.20	-13	PASS
Band26(824-849)	10	26990	1	#0	QAM16	2519.80	-29.26	-13	PASS
Band26(824-849)	10	26990	50	#0	QAM16	25599.85	-32.99	-13	PASS
Band26(824-849)	15	26865	1	#0	QPSK	2476.45	-32.74	-13	PASS
Band26(824-849)	15	26865	75	#0	QPSK	25276.00	-32.94	-13	PASS
Band26(824-849)	15	26865	1	#0	QAM16	25997.65	-32.47	-13	PASS
Band26(824-849)	15	26865	75	#0	QAM16	25357.60	-32.94	-13	PASS
Band26(824-849)	15	26915	1	#0	QPSK	2489.20	-30.44	-13	PASS
Band26(824-849)	15	26915	75	#0	QPSK	25242.85	-33.25	-13	PASS
Band26(824-849)	15	26915	1	#0	QAM16	2489.20	-29.13	-13	PASS
Band26(824-849)	15	26915	75	#0	QAM16	25597.30	-32.98	-13	PASS
Band26(824-849)	15	26965	1	#0	QPSK	2504.50	-31.11	-13	PASS
Band26(824-849)	15	26965	75	#0	QPSK	25260.70	-33.55	-13	PASS
Band26(824-849)	15	26965	1	#0	QAM16	2504.50	-29.76	-13	PASS
Band26(824-849)	15	26965	75	#0	QAM16	25347.40	-33.67	-13	PASS

Band4	1.4	19957	1	#0	QPSK	25176.55	-31.55	-13	PASS
Band4	1.4	19957	6	#0	QPSK	25260.70	-31.87	-13	PASS
Band4	1.4	19957	1	#0	QAM16	25214.80	-30.85	-13	PASS
Band4	1.4	19957	6	#0	QAM16	25668.70	-32.02	-13	PASS
Band4	1.4	20175	1	#0	QPSK	25232.65	-31.31	-13	PASS
Band4	1.4	20175	6	#0	QPSK	26010.40	-31.59	-13	PASS
Band4	1.4	20175	1	#0	QAM16	25974.70	-31.23	-13	PASS
Band4	1.4	20175	6	#0	QAM16	25225.00	-30.40	-13	PASS
Band4	1.4	20393	1	#0	QPSK	25258.15	-31.01	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25245.40	-31.82	-13	PASS
Band4	1.4	20393	1	#0	QAM16	25472.35	-31.82	-13	PASS
Band4	1.4	20393	6	#0	QAM16	25648.30	-32.04	-13	PASS
Band4	3	19965	1	#0	QPSK	25355.05	-31.49	-13	PASS
Band4	3	19965	15	#0	QPSK	26122.60	-31.69	-13	PASS
Band4	3	19965	1	#0	QAM16	25281.10	-31.92	-13	PASS
Band4	3	19965	15	#0	QAM16	25181.65	-31.72	-13	PASS
Band4	3	20175	1	#0	QPSK	25265.80	-31.08	-13	PASS
Band4	3	20175	15	#0	QPSK	25523.35	-31.87	-13	PASS
Band4	3	20175	1	#0	QAM16	26140.45	-31.92	-13	PASS
Band4	3	20175	15	#0	QAM16	25337.20	-31.59	-13	PASS
Band4	3	20385	1	#0	QPSK	25589.65	-31.30	-13	PASS
Band4	3	20385	15	#0	QPSK	25765.60	-31.45	-13	PASS
Band4	3	20385	1	#0	QAM16	25265.80	-31.65	-13	PASS
Band4	3	20385	15	#0	QAM16	26071.60	-31.04	-13	PASS
Band4	5	19975	1	#0	QPSK	25653.40	-31.14	-13	PASS
Band4	5	19975	25	#0	QPSK	25638.10	-31.66	-13	PASS
Band4	5	19975	1	#0	QAM16	25270.90	-31.46	-13	PASS
Band4	5	19975	25	#0	QAM16	25819.15	-31.00	-13	PASS
Band4	5	20175	1	#0	QPSK	25778.35	-31.53	-13	PASS
Band4	5	20175	25	#0	QPSK	25309.15	-31.49	-13	PASS
Band4	5	20175	1	#0	QAM16	25202.05	-31.42	-13	PASS
Band4	5	20175	25	#0	QAM16	25612.60	-31.33	-13	PASS
Band4	5	20375	1	#0	QPSK	25199.50	-31.71	-13	PASS
Band4	5	20375	25	#0	QPSK	26171.05	-31.56	-13	PASS
Band4	5	20375	1	#0	QAM16	25686.55	-31.74	-13	PASS
Band4	5	20375	25	#0	QAM16	25972.15	-31.53	-13	PASS
Band4	10	20000	1	#0	QPSK	26461.75	-31.47	-13	PASS
Band4	10	20000	50	#0	QPSK	25735.00	-31.52	-13	PASS
Band4	10	20000	1	#0	QAM16	25268.35	-31.57	-13	PASS
Band4	10	20000	50	#0	QAM16	25021.00	-31.89	-13	PASS
Band4	10	20175	1	#0	QPSK	25219.90	-31.70	-13	PASS
Band4	10	20175	50	#0	QPSK	25235.20	-31.94	-13	PASS
Band4	10	20175	1	#0	QAM16	25283.65	-31.55	-13	PASS
Band4	10	20175	50	#0	QAM16	25110.25	-31.62	-13	PASS

Band4	10	20350	1	#0	QPSK	25296.40	-31.82	-13	PASS
Band4	10	20350	50	#0	QPSK	25691.65	-31.41	-13	PASS
Band4	10	20350	1	#0	QAM16	25536.10	-31.43	-13	PASS
Band4	10	20350	50	#0	QAM16	26158.30	-32.09	-13	PASS
Band4	15	20025	1	#0	QPSK	26171.05	-31.94	-13	PASS
Band4	15	20025	75	#0	QPSK	26097.10	-31.54	-13	PASS
Band4	15	20025	1	#0	QAM16	25990.00	-31.80	-13	PASS
Band4	15	20025	75	#0	QAM16	25763.05	-31.51	-13	PASS
Band4	15	20175	1	#0	QPSK	25640.65	-31.52	-13	PASS
Band4	15	20175	75	#0	QPSK	26117.50	-31.36	-13	PASS
Band4	15	20175	1	#0	QAM16	26063.95	-31.80	-13	PASS
Band4	15	20175	75	#0	QAM16	25250.50	-31.25	-13	PASS
Band4	15	20325	1	#0	QPSK	25719.70	-30.88	-13	PASS
Band4	15	20325	75	#0	QPSK	25617.70	-32.48	-13	PASS
Band4	15	20325	1	#0	QAM16	26043.55	-31.68	-13	PASS
Band4	15	20325	75	#0	QAM16	25255.60	-31.53	-13	PASS
Band4	20	20050	1	#0	QPSK	26081.80	-31.70	-13	PASS
Band4	20	20050	100	#0	QPSK	25946.65	-31.83	-13	PASS
Band4	20	20050	1	#0	QAM16	26127.70	-32.06	-13	PASS
Band4	20	20050	100	#0	QAM16	26074.15	-31.65	-13	PASS
Band4	20	20175	1	#0	QPSK	25214.80	-30.56	-13	PASS
Band4	20	20175	100	#0	QPSK	25319.35	-30.53	-13	PASS
Band4	20	20175	1	#0	QAM16	26125.15	-31.76	-13	PASS
Band4	20	20175	100	#0	QAM16	25237.75	-31.27	-13	PASS
Band4	20	20300	1	#0	QPSK	25597.30	-32.30	-13	PASS
Band4	20	20300	100	#0	QPSK	25235.20	-30.89	-13	PASS
Band4	20	20300	1	#0	QAM16	26140.45	-31.71	-13	PASS
Band4	20	20300	100	#0	QAM16	26441.35	-31.42	-13	PASS
Band41	5	39675	1	#0	QPSK	25298.95	-29.67	-25	PASS
Band41	5	39675	25	#0	QPSK	25316.80	-30.51	-25	PASS
Band41	5	39675	1	#0	QAM16	25865.05	-29.80	-25	PASS
Band41	5	39675	25	#0	QAM16	26153.20	-29.93	-25	PASS
Band41	5	40620	1	#0	QPSK	25638.10	-28.57	-25	PASS
Band41	5	40620	25	#0	QPSK	25230.10	-29.90	-25	PASS
Band41	5	40620	1	#0	QAM16	25599.85	-30.43	-25	PASS
Band41	5	40620	25	#0	QAM16	25584.55	-30.38	-25	PASS
Band41	5	41565	1	#0	QPSK	25648.30	-30.41	-25	PASS
Band41	5	41565	25	#0	QPSK	25247.95	-31.04	-25	PASS
Band41	5	41565	1	#0	QAM16	25589.65	-30.17	-25	PASS
Band41	5	41565	25	#0	QAM16	25311.70	-30.03	-25	PASS
Band41	10	39700	1	#0	QPSK	26015.50	-30.33	-25	PASS
Band41	10	39700	50	#0	QPSK	25426.45	-30.95	-25	PASS
Band41	10	39700	1	#0	QAM16	25255.60	-30.97	-25	PASS
Band41	10	39700	50	#0	QAM16	25209.70	-30.65	-25	PASS

Band41	10	40620	1	#0	QPSK	25617.70	-30.17	-25	PASS
Band41	10	40620	50	#0	QPSK	25905.85	-30.19	-25	PASS
Band41	10	40620	1	#0	QAM16	25207.15	-29.11	-25	PASS
Band41	10	40620	50	#0	QAM16	26117.50	-30.82	-25	PASS
Band41	10	41540	1	#0	QPSK	25260.70	-29.76	-25	PASS
Band41	10	41540	50	#0	QPSK	26150.65	-30.09	-25	PASS
Band41	10	41540	1	#0	QAM16	25648.30	-28.43	-25	PASS
Band41	10	41540	50	#0	QAM16	26117.50	-30.60	-25	PASS
Band41	15	39725	1	#0	QPSK	25737.55	-30.38	-25	PASS
Band41	15	39725	75	#0	QPSK	25189.30	-30.72	-25	PASS
Band41	15	39725	1	#0	QAM16	25681.45	-30.19	-25	PASS
Band41	15	39725	75	#0	QAM16	25617.70	-30.59	-25	PASS
Band41	15	40620	1	#0	QPSK	25671.25	-30.27	-25	PASS
Band41	15	40620	75	#0	QPSK	25663.60	-30.92	-25	PASS
Band41	15	40620	1	#0	QAM16	25258.15	-29.21	-25	PASS
Band41	15	40620	75	#0	QAM16	25168.90	-29.76	-25	PASS
Band41	15	41515	1	#0	QPSK	26191.45	-30.53	-25	PASS
Band41	15	41515	75	#0	QPSK	25276.00	-30.31	-25	PASS
Band41	15	41515	1	#0	QAM16	25133.20	-30.53	-25	PASS
Band41	15	41515	75	#0	QAM16	26010.40	-30.34	-25	PASS
Band41	20	39750	1	#0	QPSK	25115.35	-30.99	-25	PASS
Band41	20	39750	100	#0	QPSK	26433.70	-30.28	-25	PASS
Band41	20	39750	1	#0	QAM16	25049.05	-30.87	-25	PASS
Band41	20	39750	100	#0	QAM16	25153.60	-31.06	-25	PASS
Band41	20	40620	1	#0	QPSK	25589.65	-29.84	-25	PASS
Band41	20	40620	100	#0	QPSK	25905.85	-30.93	-25	PASS
Band41	20	40620	1	#0	QAM16	26094.55	-30.71	-25	PASS
Band41	20	40620	100	#0	QAM16	25342.30	-30.07	-25	PASS
Band41	20	41490	1	#0	QPSK	25273.45	-30.16	-25	PASS
Band41	20	41490	100	#0	QPSK	26074.15	-30.48	-25	PASS
Band41	20	41490	1	#0	QAM16	25352.50	-30.93	-25	PASS
Band41	20	41490	100	#0	QAM16	25196.95	-31.34	-25	PASS
Band5	1.4	20407	1	#0	QPSK	2473.90	-31.37	-13	PASS
Band5	1.4	20407	6	#0	QPSK	25156.15	-33.62	-13	PASS
Band5	1.4	20407	1	#0	QAM16	2473.90	-31.17	-13	PASS
Band5	1.4	20407	6	#0	QAM16	2473.90	-32.09	-13	PASS
Band5	1.4	20525	1	#0	QPSK	25951.75	-33.24	-13	PASS
Band5	1.4	20525	6	#0	QPSK	25559.05	-33.28	-13	PASS
Band5	1.4	20525	1	#0	QAM16	2509.60	-30.57	-13	PASS
Band5	1.4	20525	6	#0	QAM16	2509.60	-33.55	-13	PASS
Band5	1.4	20643	1	#0	QPSK	2542.75	-32.07	-13	PASS
Band5	1.4	20643	6	#0	QPSK	25645.75	-33.44	-13	PASS
Band5	1.4	20643	1	#0	QAM16	2545.30	-31.55	-13	PASS
Band5	1.4	20643	6	#0	QAM16	2545.30	-33.29	-13	PASS

Band5	3	20415	1	#0	QPSK	25612.60	-33.69	-13	PASS
Band5	3	20415	15	#0	QPSK	25931.35	-32.58	-13	PASS
Band5	3	20415	1	#0	QAM16	26137.90	-32.70	-13	PASS
Band5	3	20415	15	#0	QAM16	25446.85	-32.50	-13	PASS
Band5	3	20525	1	#0	QPSK	2507.05	-32.34	-13	PASS
Band5	3	20525	15	#0	QPSK	25230.10	-33.37	-13	PASS
Band5	3	20525	1	#0	QAM16	2507.05	-29.97	-13	PASS
Band5	3	20525	15	#0	QAM16	26025.70	-33.42	-13	PASS
Band5	3	20635	1	#0	QPSK	2540.20	-30.89	-13	PASS
Band5	3	20635	15	#0	QPSK	25184.20	-33.10	-13	PASS
Band5	3	20635	1	#0	QAM16	2540.20	-30.17	-13	PASS
Band5	3	20635	15	#0	QAM16	25523.35	-33.55	-13	PASS
Band5	5	20425	1	#0	QPSK	2473.90	-31.57	-13	PASS
Band5	5	20425	25	#0	QPSK	25676.35	-33.00	-13	PASS
Band5	5	20425	1	#0	QAM16	25612.60	-32.33	-13	PASS
Band5	5	20425	25	#0	QAM16	25375.45	-33.13	-13	PASS
Band5	5	20525	1	#0	QPSK	2504.50	-30.97	-13	PASS
Band5	5	20525	25	#0	QPSK	25566.70	-33.38	-13	PASS
Band5	5	20525	1	#0	QAM16	25584.55	-33.58	-13	PASS
Band5	5	20525	25	#0	QAM16	25502.95	-34.04	-13	PASS
Band5	5	20625	1	#0	QPSK	2532.55	-32.49	-13	PASS
Band5	5	20625	25	#0	QPSK	25597.30	-33.29	-13	PASS
Band5	5	20625	1	#0	QAM16	2532.55	-31.76	-13	PASS
Band5	5	20625	25	#0	QAM16	26041.00	-33.96	-13	PASS
Band5	10	20450	1	#0	QPSK	2473.90	-32.70	-13	PASS
Band5	10	20450	50	#0	QPSK	25301.50	-33.78	-13	PASS
Band5	10	20450	1	#0	QAM16	2473.90	-31.04	-13	PASS
Band5	10	20450	50	#0	QAM16	25589.65	-33.47	-13	PASS
Band5	10	20525	1	#0	QPSK	25599.85	-32.87	-13	PASS
Band5	10	20525	50	#0	QPSK	25176.55	-32.95	-13	PASS
Band5	10	20525	1	#0	QAM16	2496.85	-30.38	-13	PASS
Band5	10	20525	50	#0	QAM16	26081.80	-33.69	-13	PASS
Band5	10	20600	1	#0	QPSK	2519.80	-31.47	-13	PASS
Band5	10	20600	50	#0	QPSK	25543.75	-33.89	-13	PASS
Band5	10	20600	1	#0	QAM16	2519.80	-31.90	-13	PASS
Band5	10	20600	50	#0	QAM16	25253.05	-32.98	-13	PASS
Band7	5	20775	1	#0	QPSK	25253.05	-30.42	-25	PASS
Band7	5	20775	25	#0	QPSK	26135.35	-30.81	-25	PASS
Band7	5	20775	1	#0	QAM16	25270.90	-30.18	-25	PASS
Band7	5	20775	25	#0	QAM16	25367.80	-29.87	-25	PASS
Band7	5	21100	1	#0	QPSK	25671.25	-30.26	-25	PASS
Band7	5	21100	25	#0	QPSK	25219.90	-30.89	-25	PASS
Band7	5	21100	1	#0	QAM16	25219.90	-30.68	-25	PASS
Band7	5	21100	25	#0	QAM16	26071.60	-30.33	-25	PASS