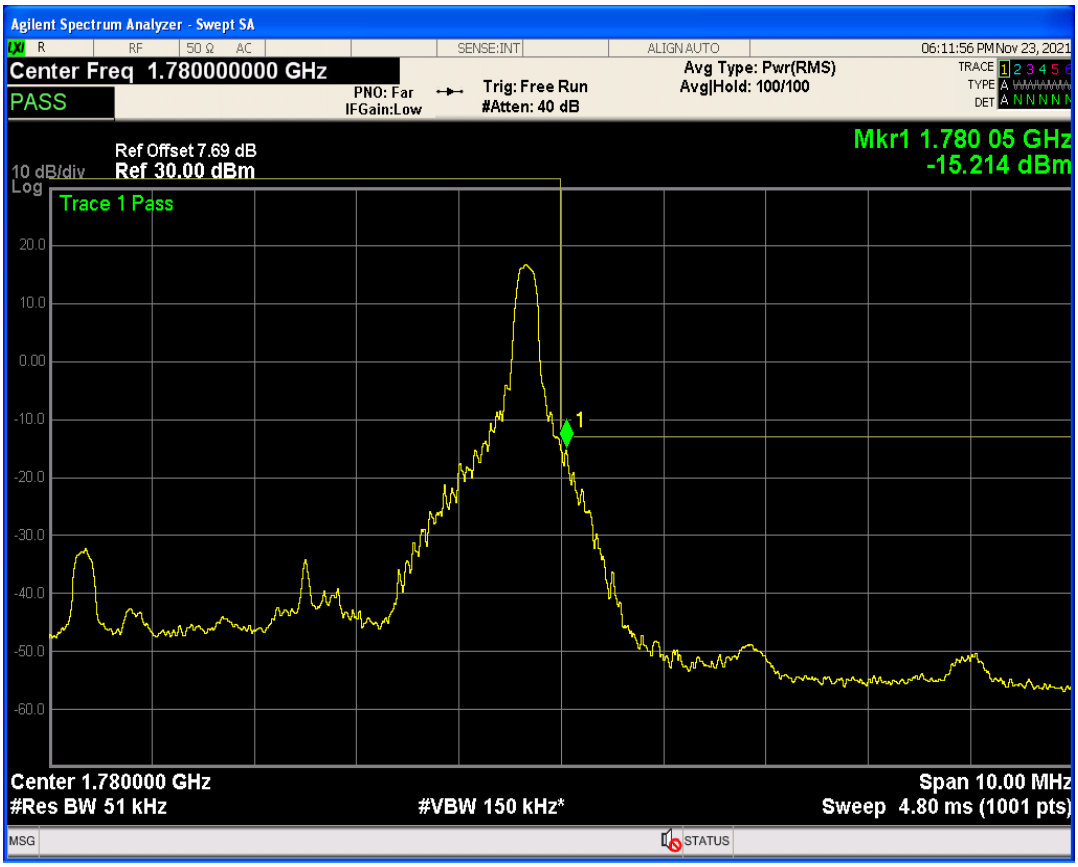
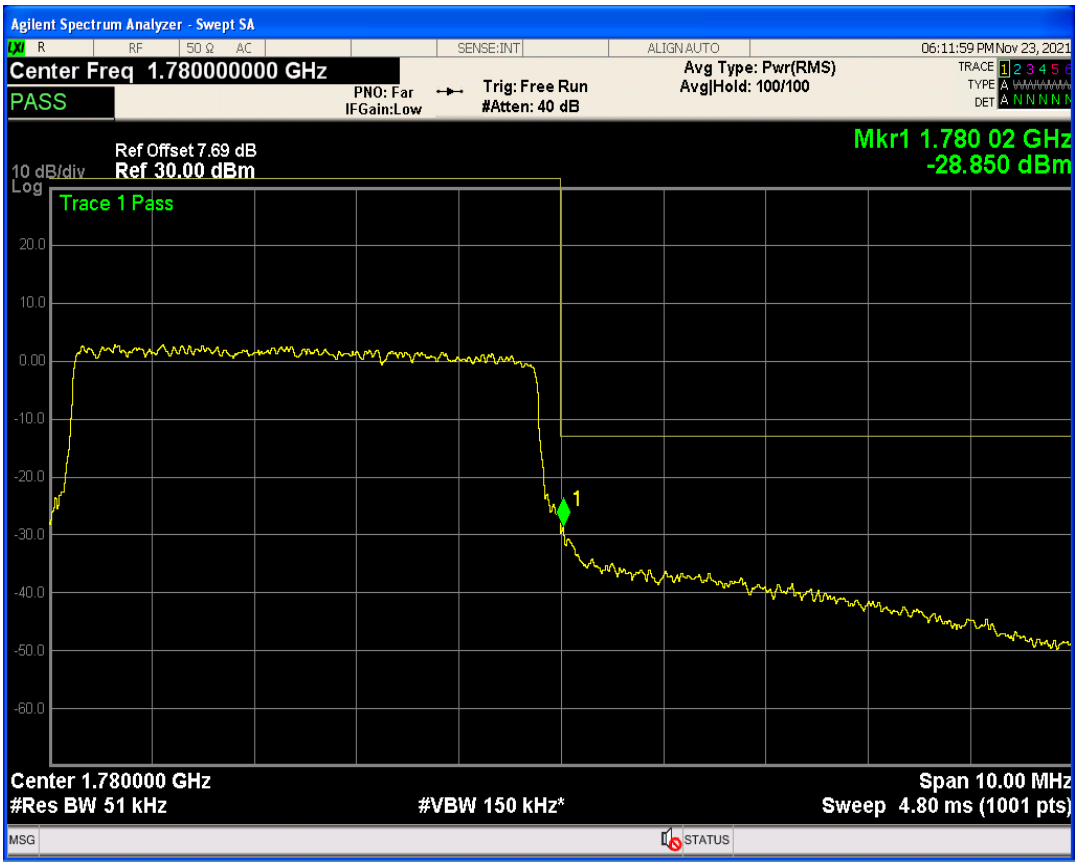
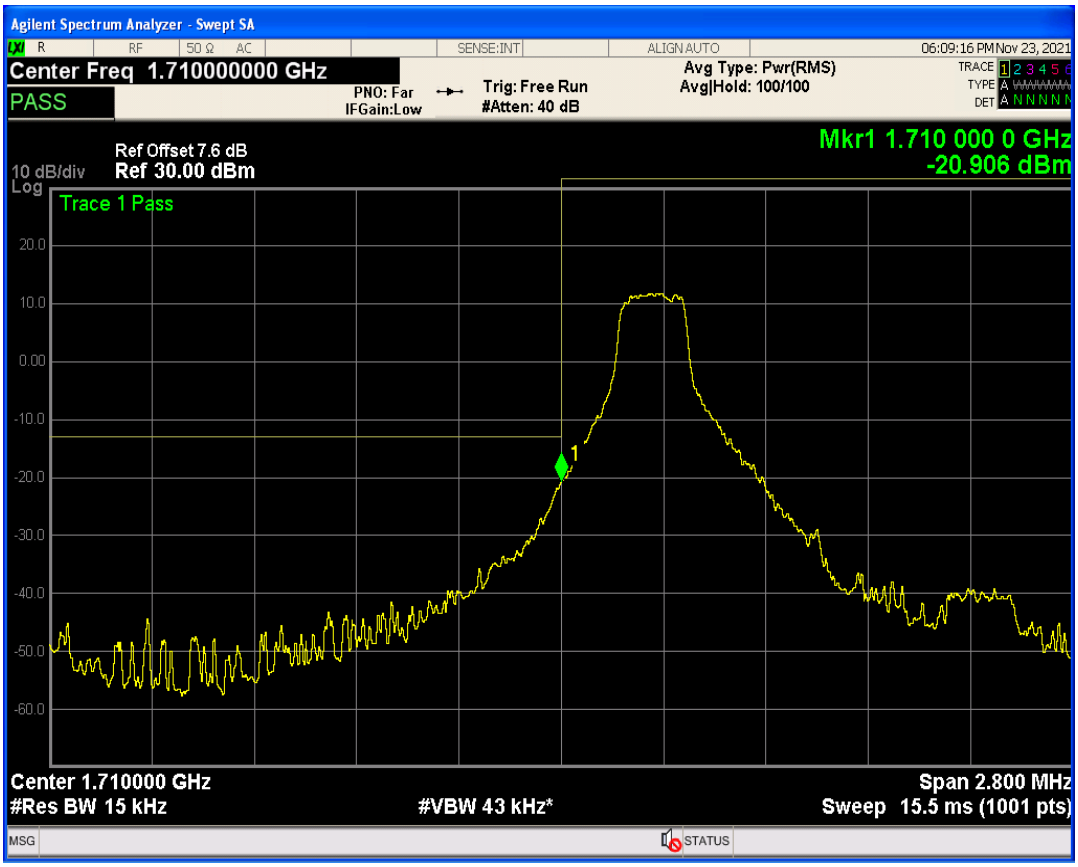


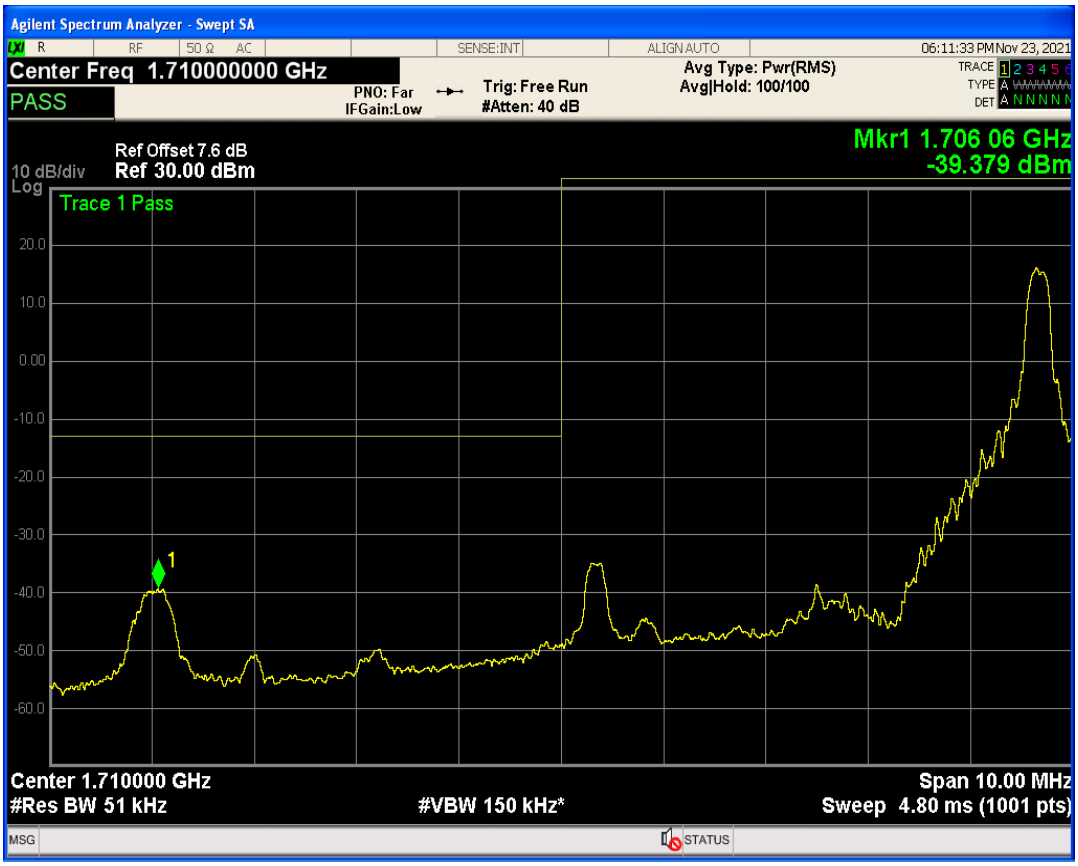
Band66 QAM16 BW=5MHz Channel=132647 RB Size=25 Position=#0



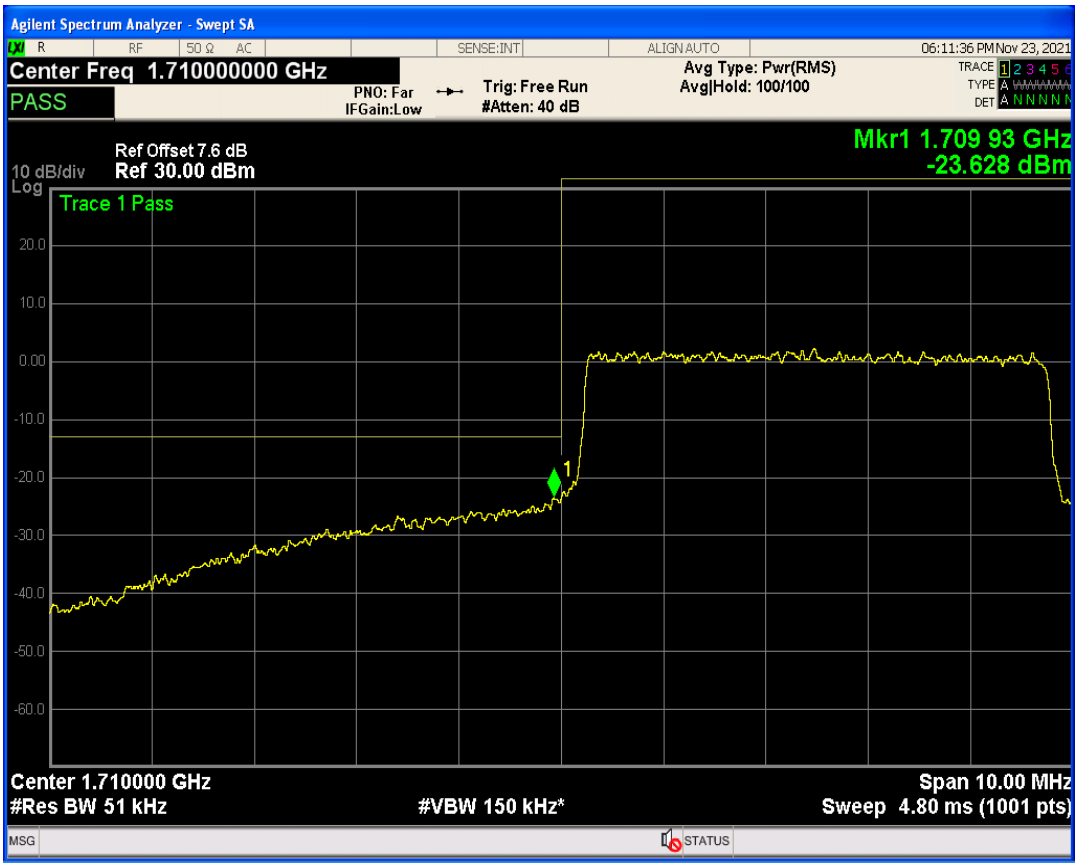
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



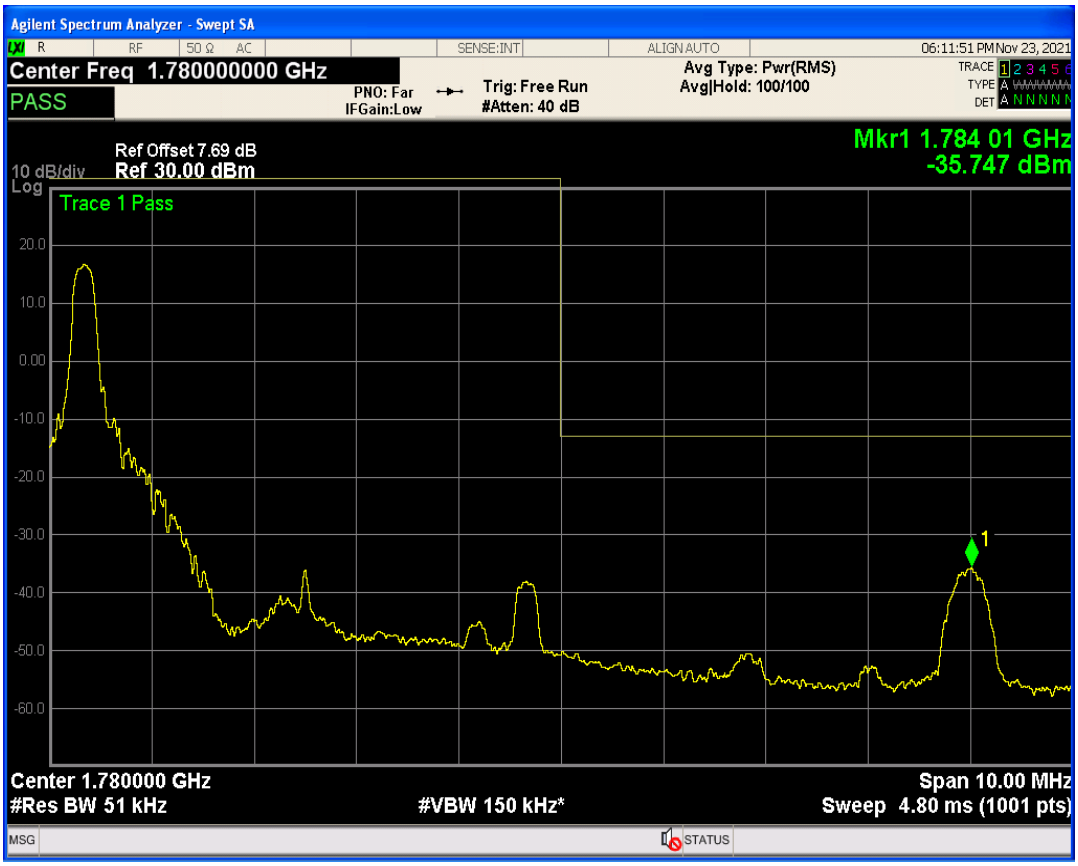
Band66 QAM16 BW=5MHz Channel=131997 RB Size=1 Position=#Max



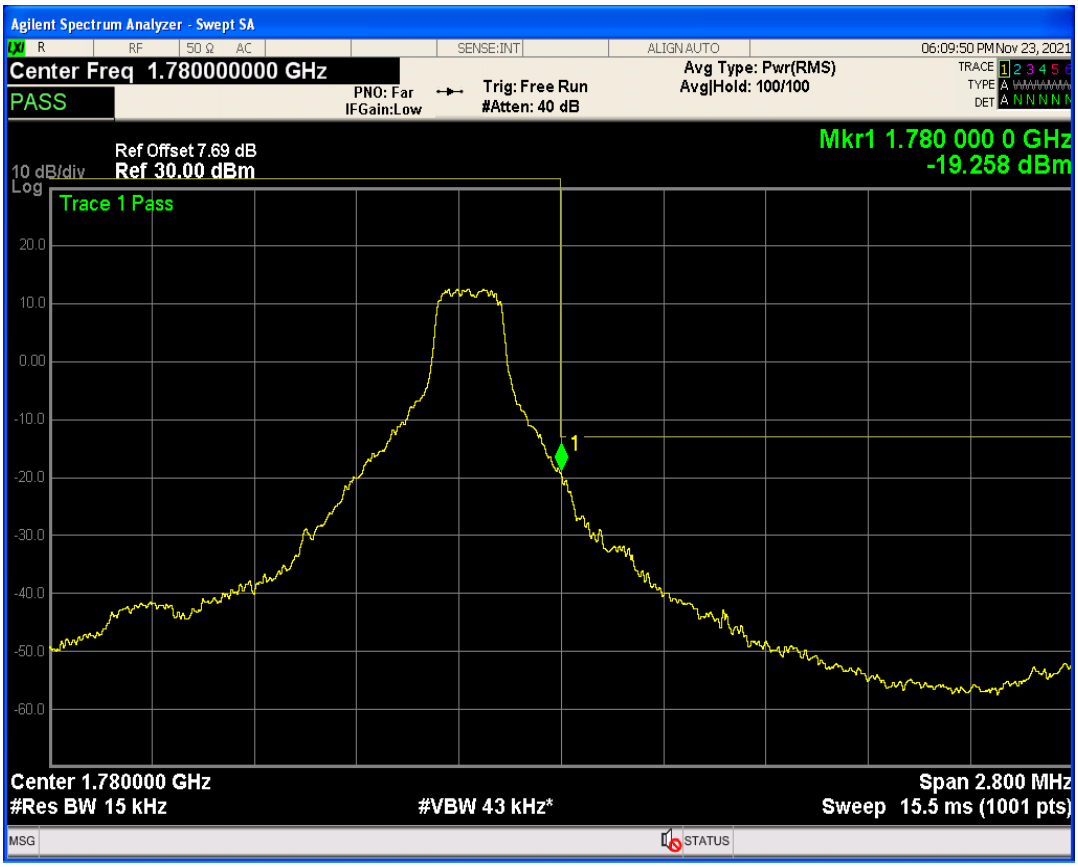
Band66 QAM16 BW=5MHz Channel=131997 RB Size=25 Position=#0



Band66 QAM16 BW=5MHz Channel=132647 RB Size=1 Position=#0



Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#Max



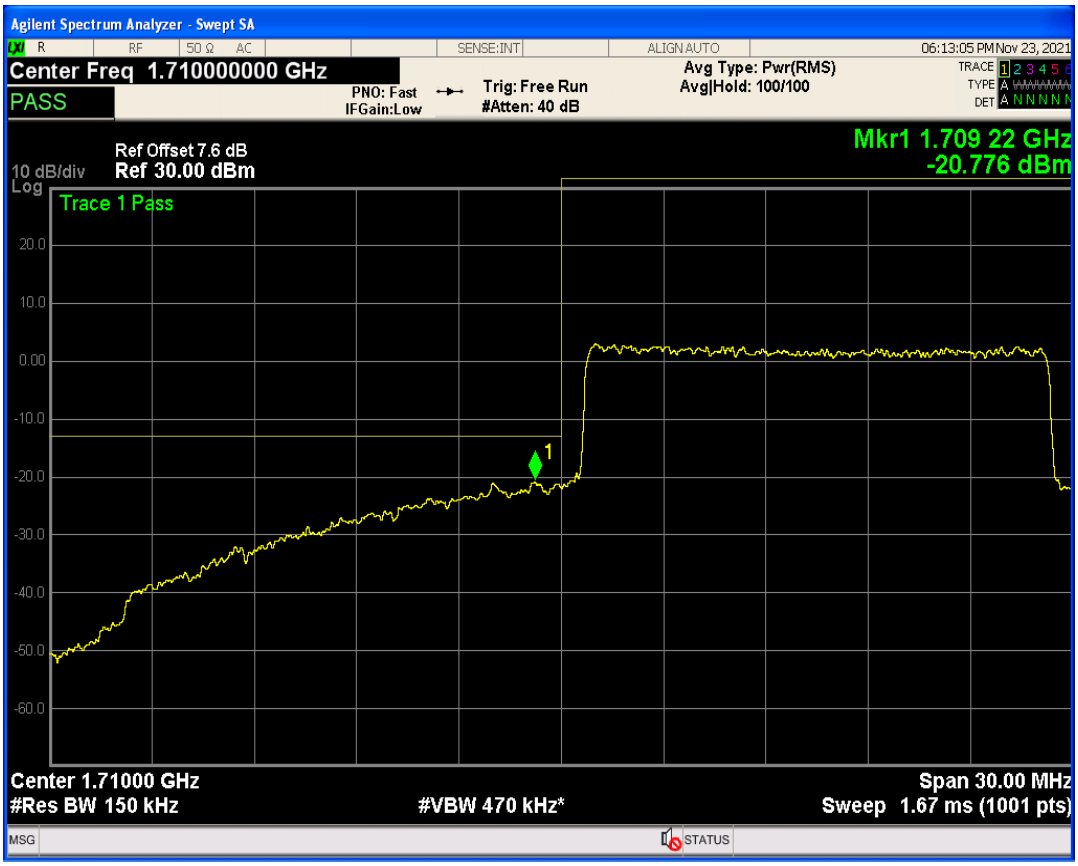
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0

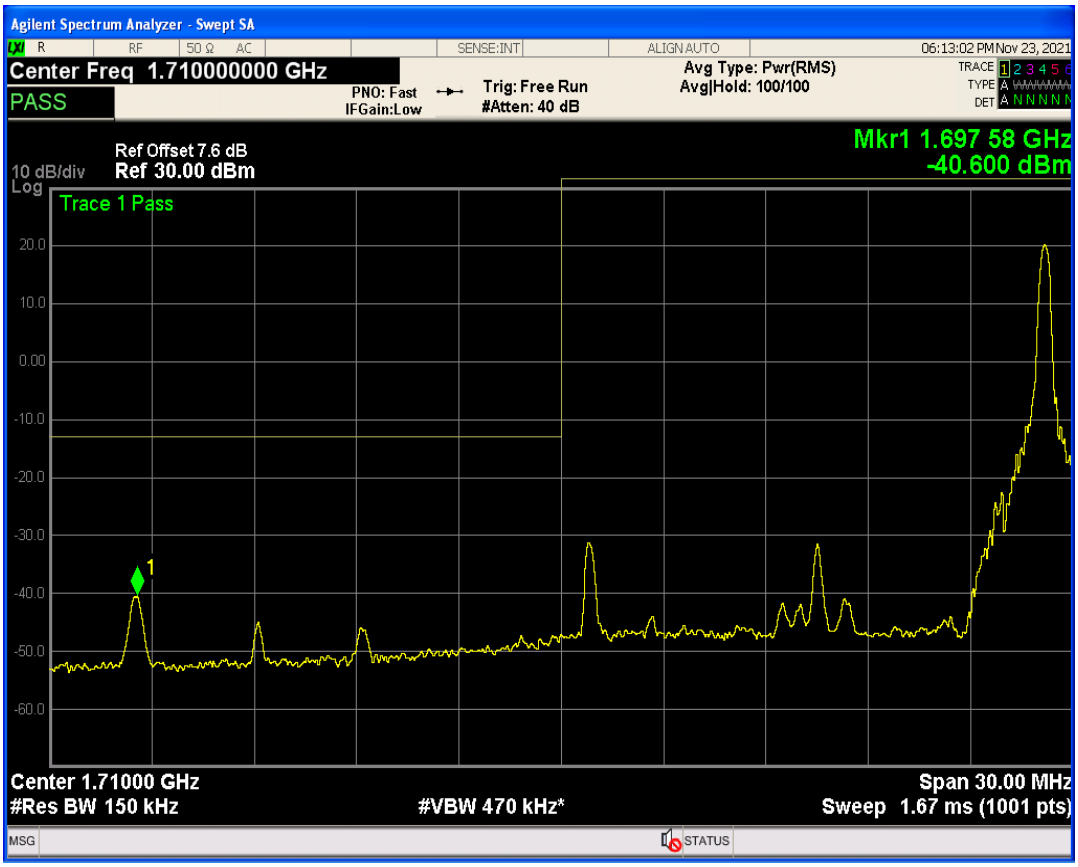
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#Max

Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0

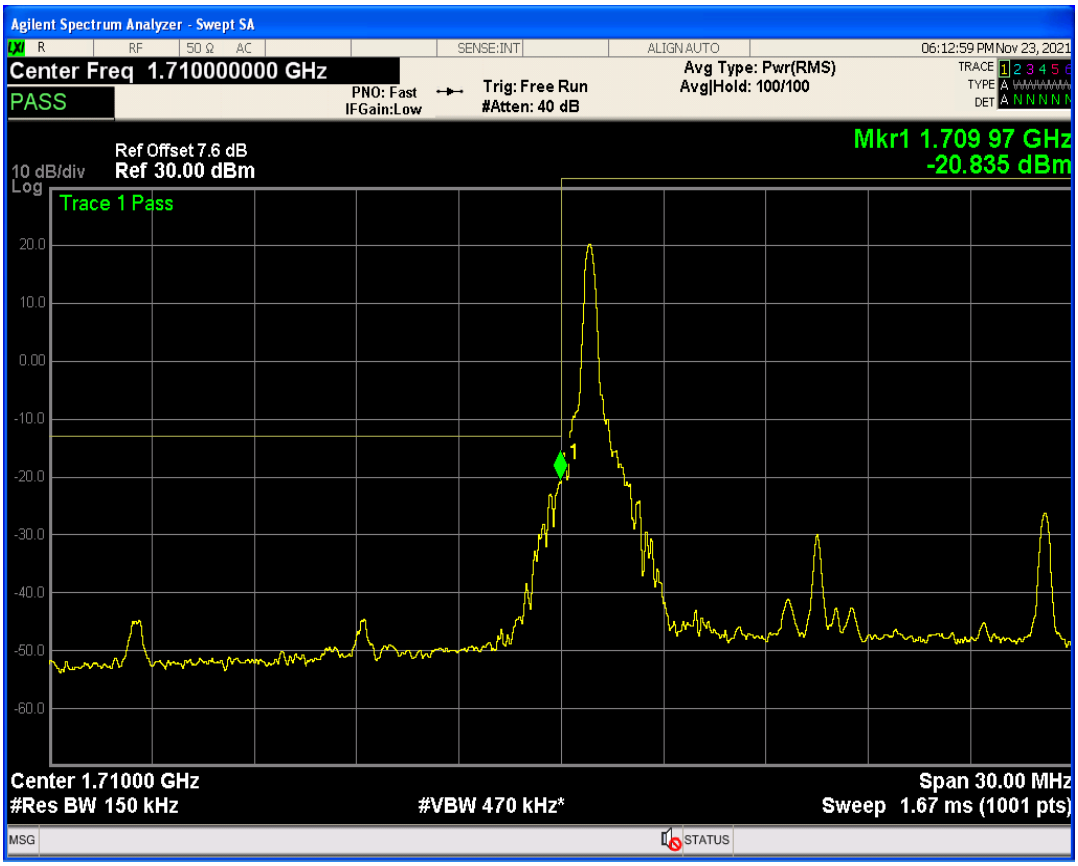
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#Max

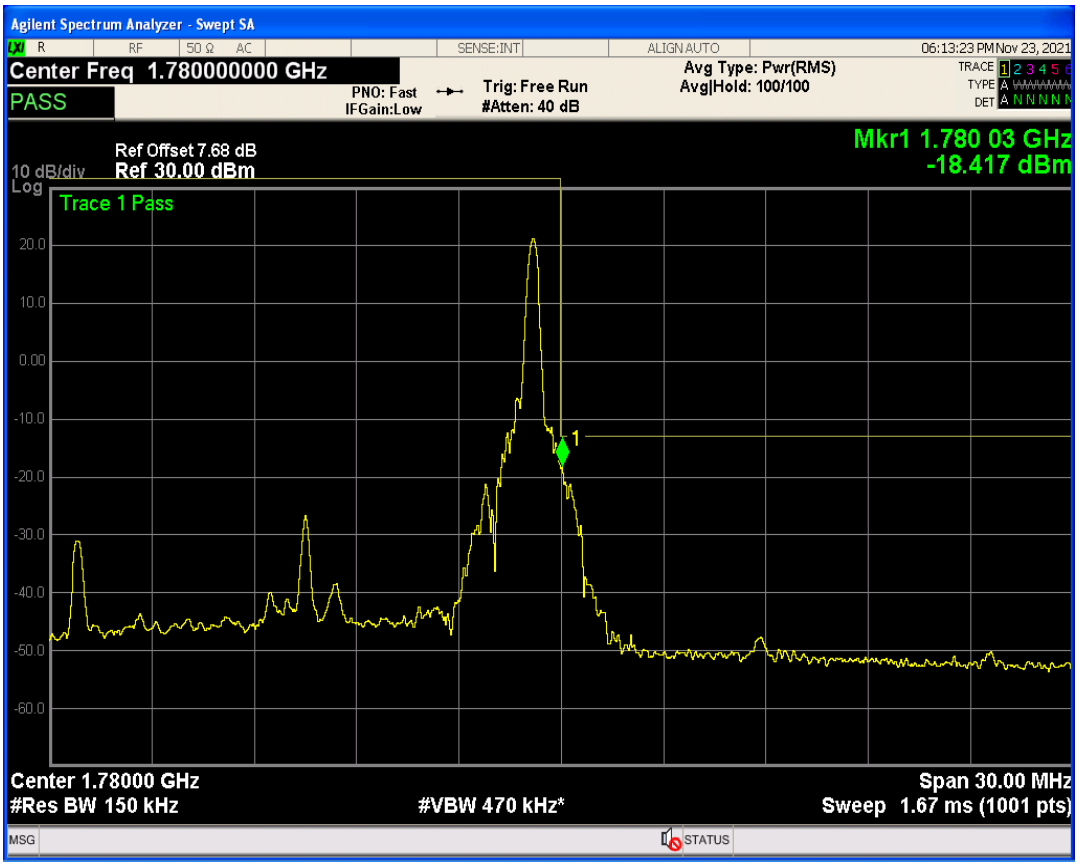


Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0

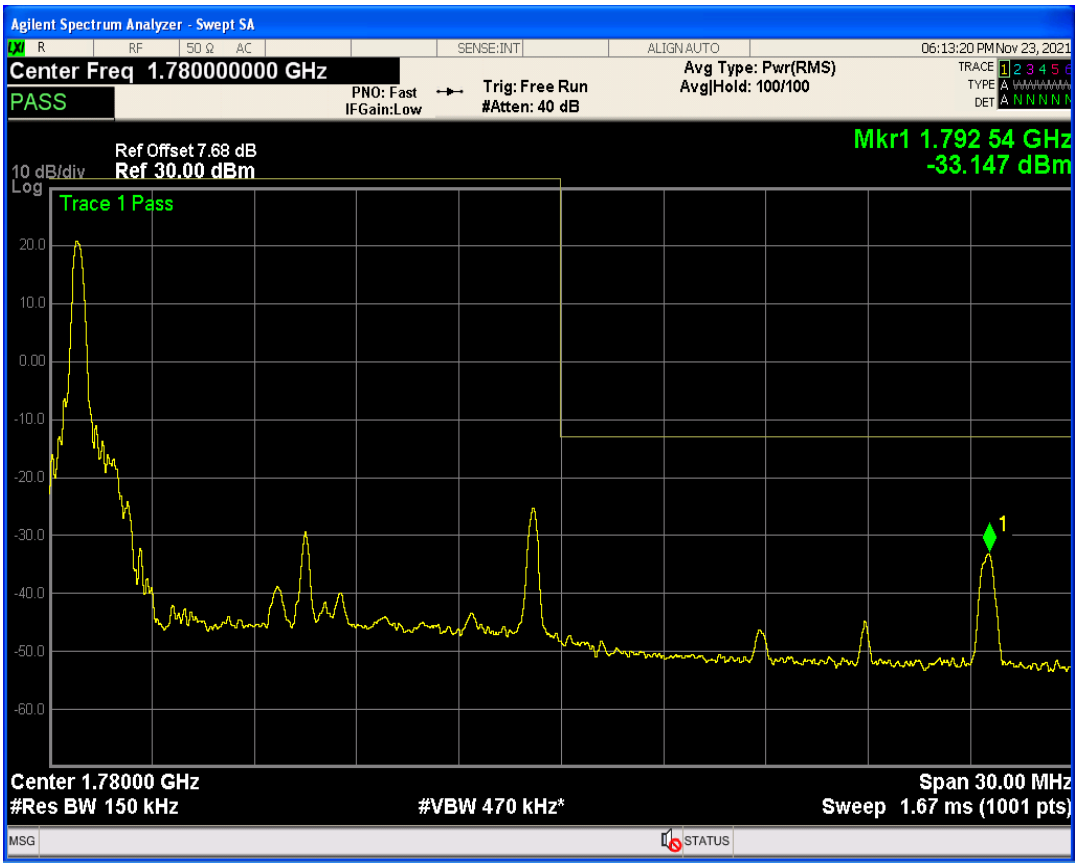


Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

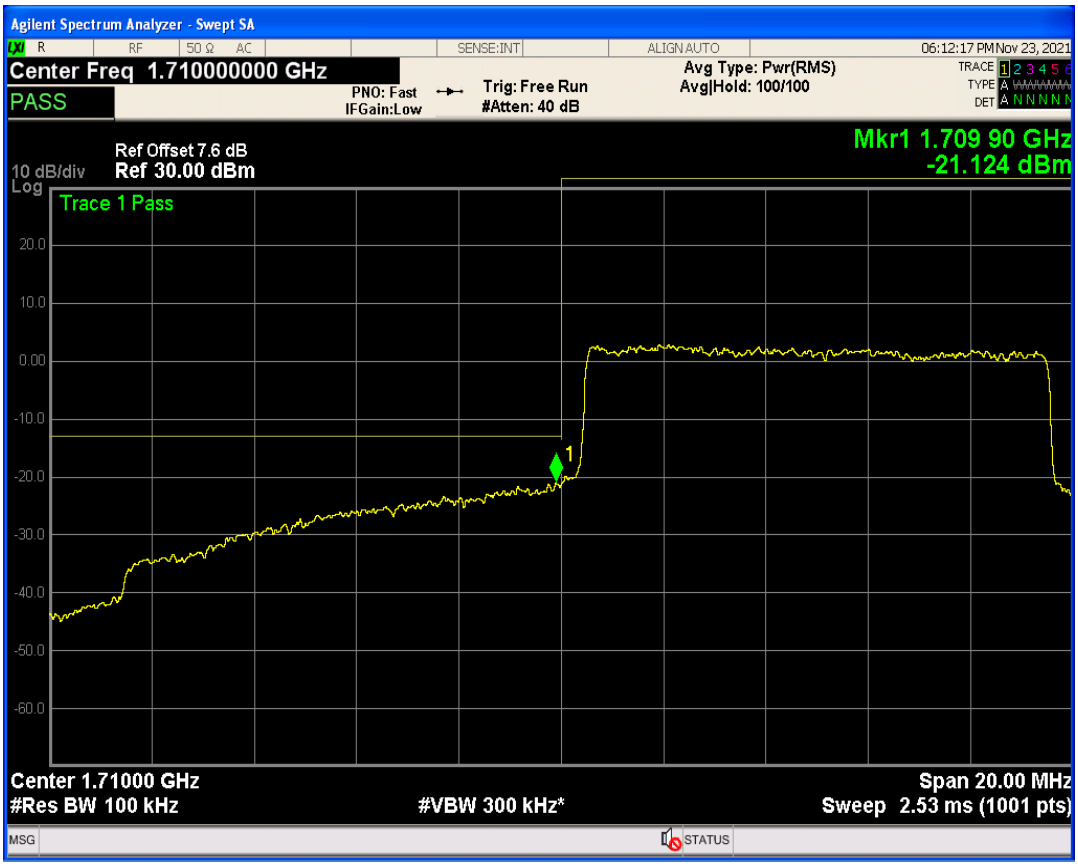
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#Max



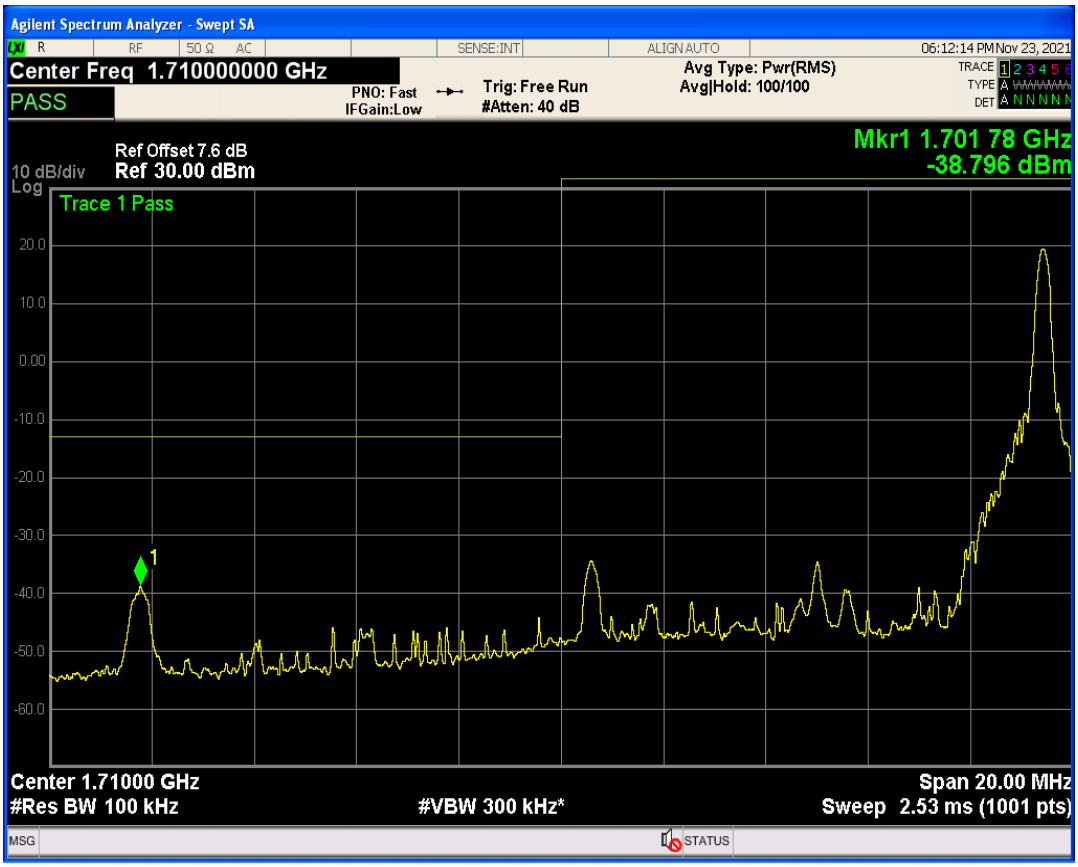
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



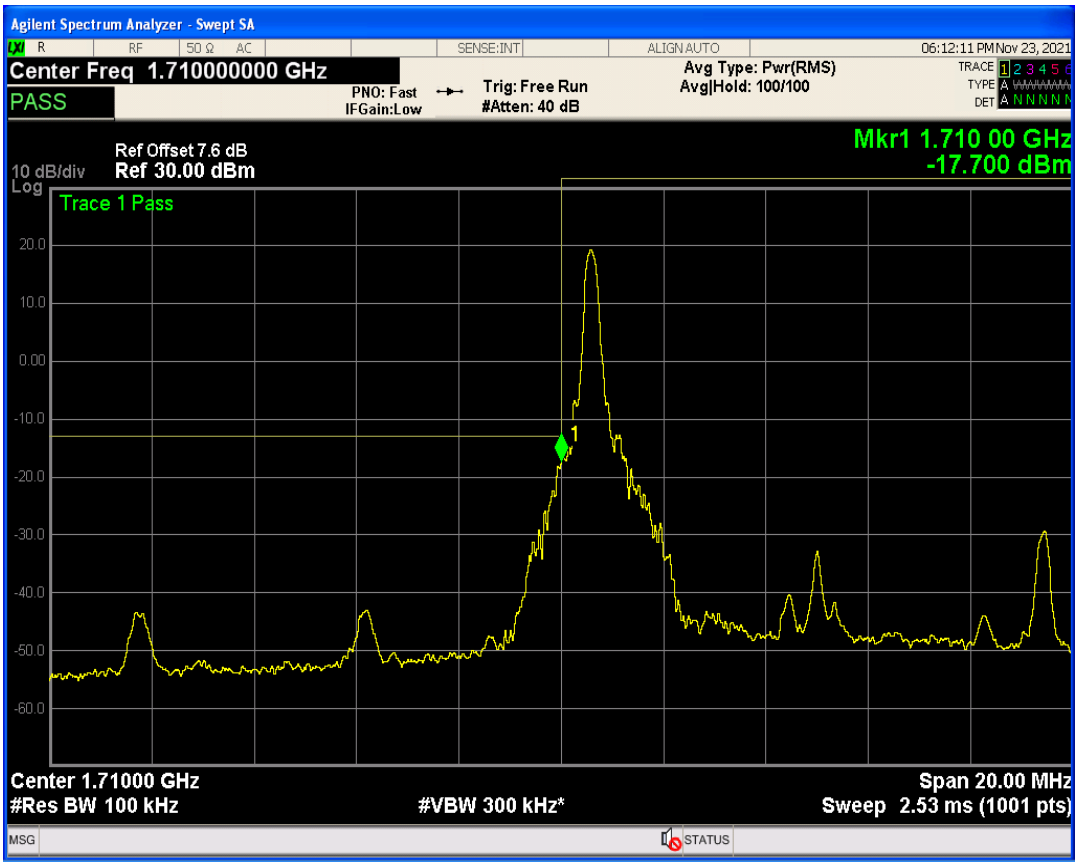
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



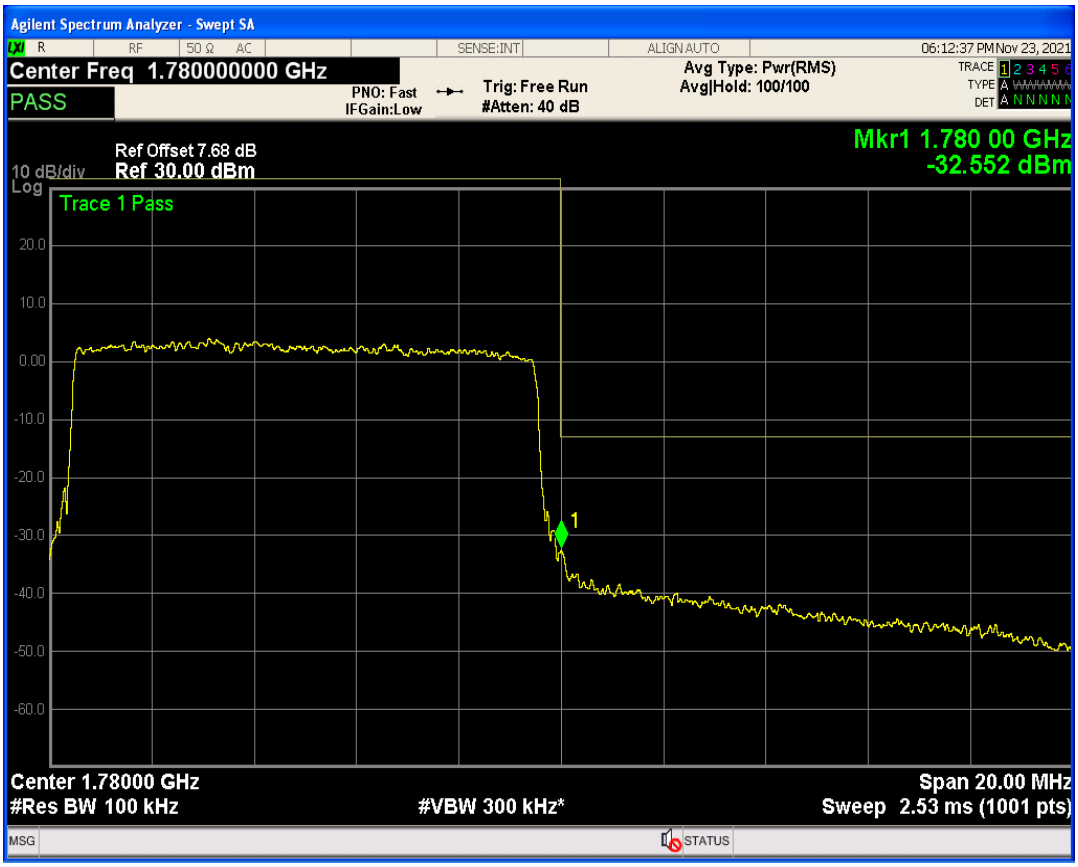
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#Max



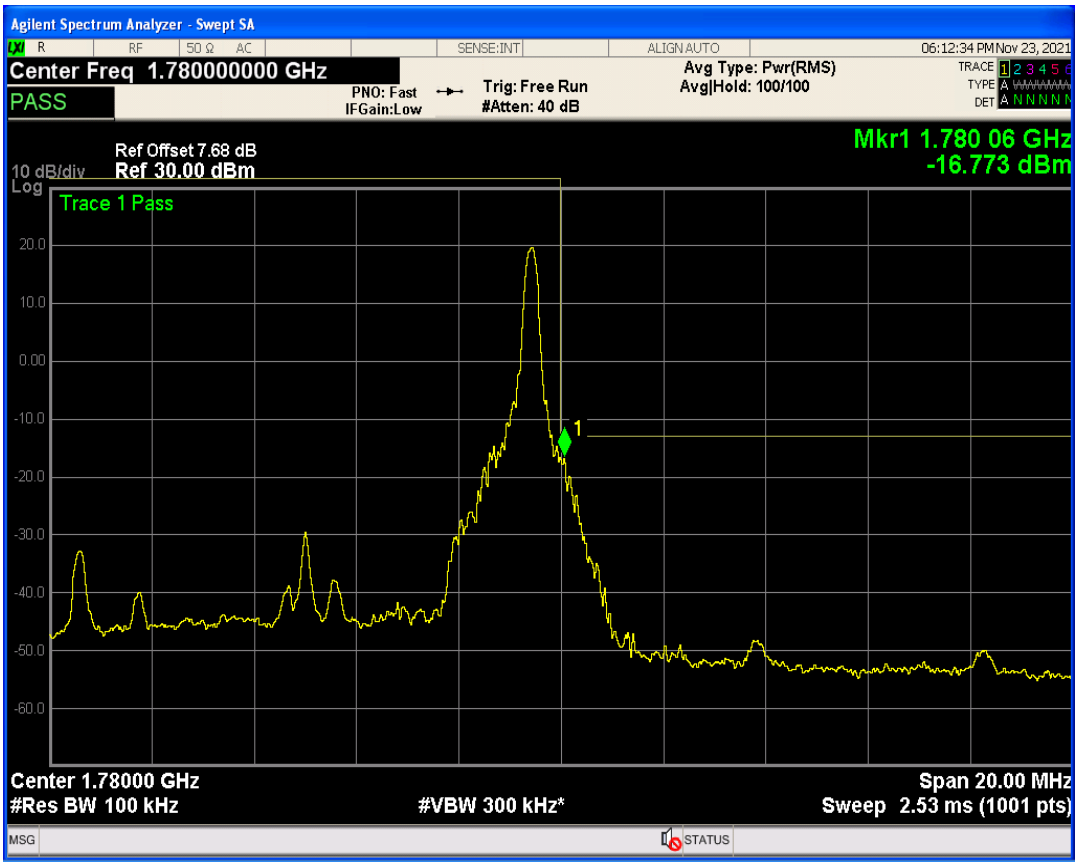
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



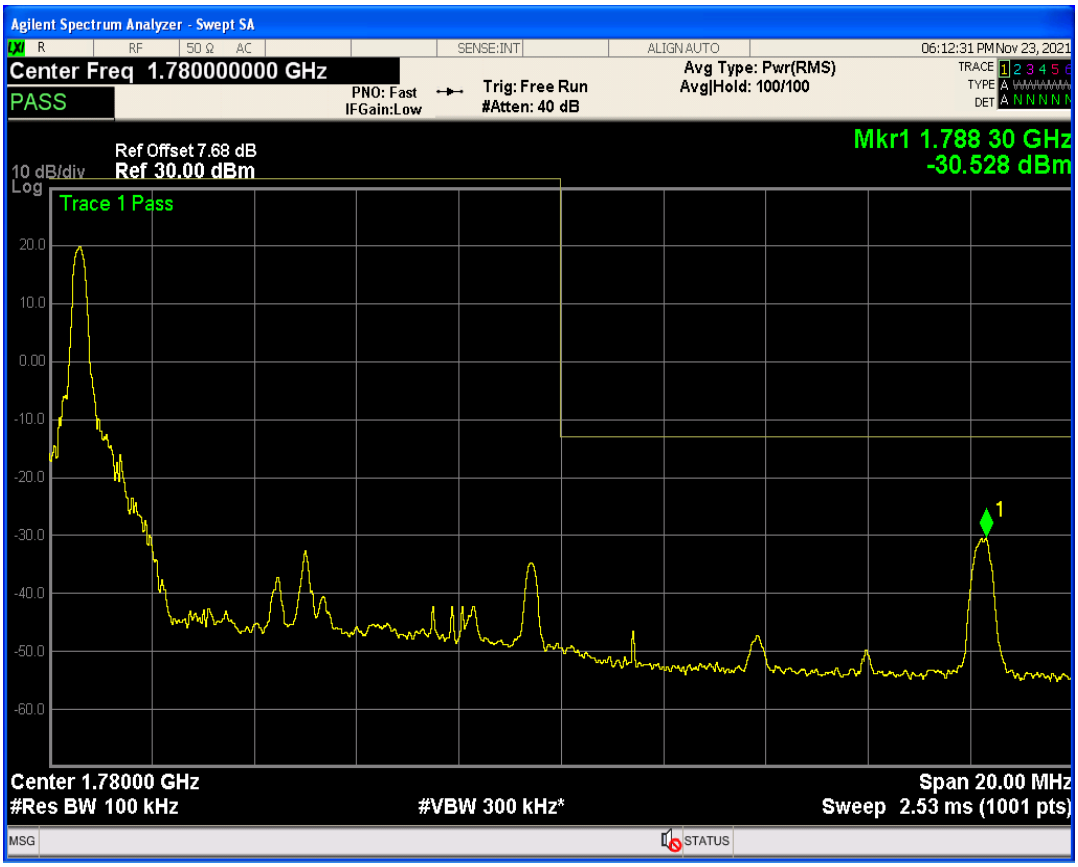
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



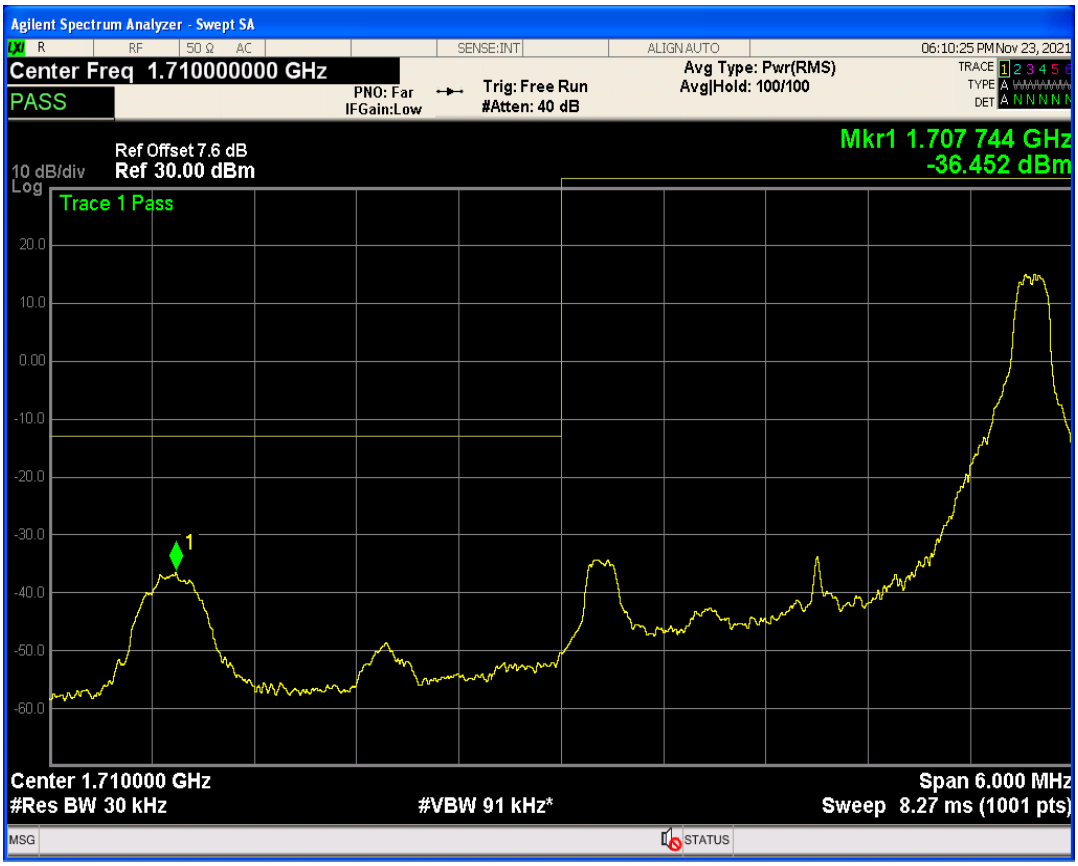
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#Max



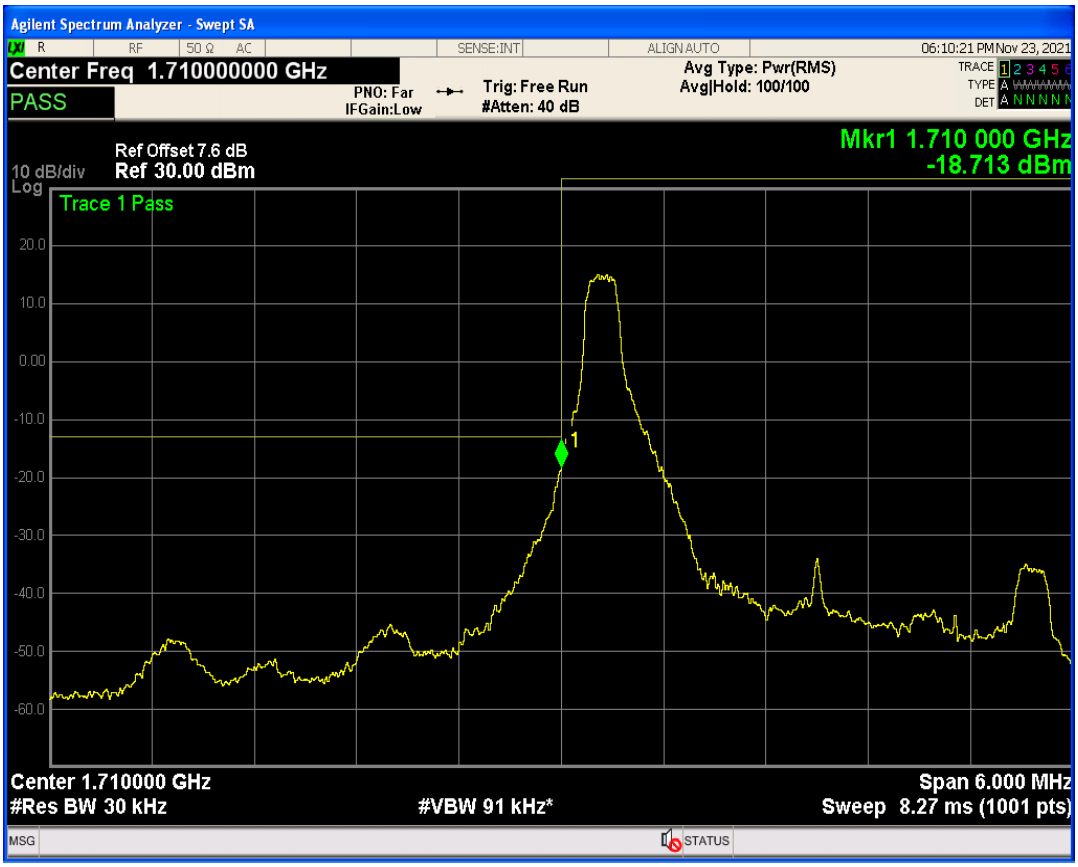
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0



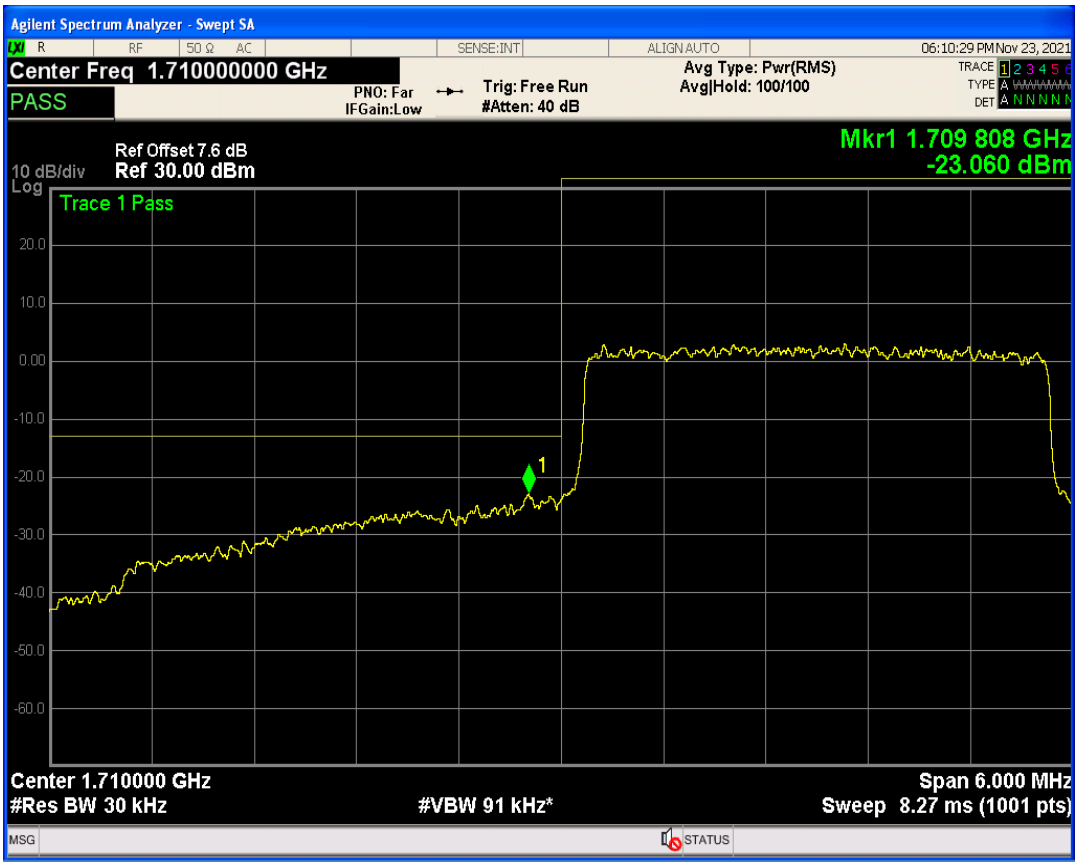
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#Max



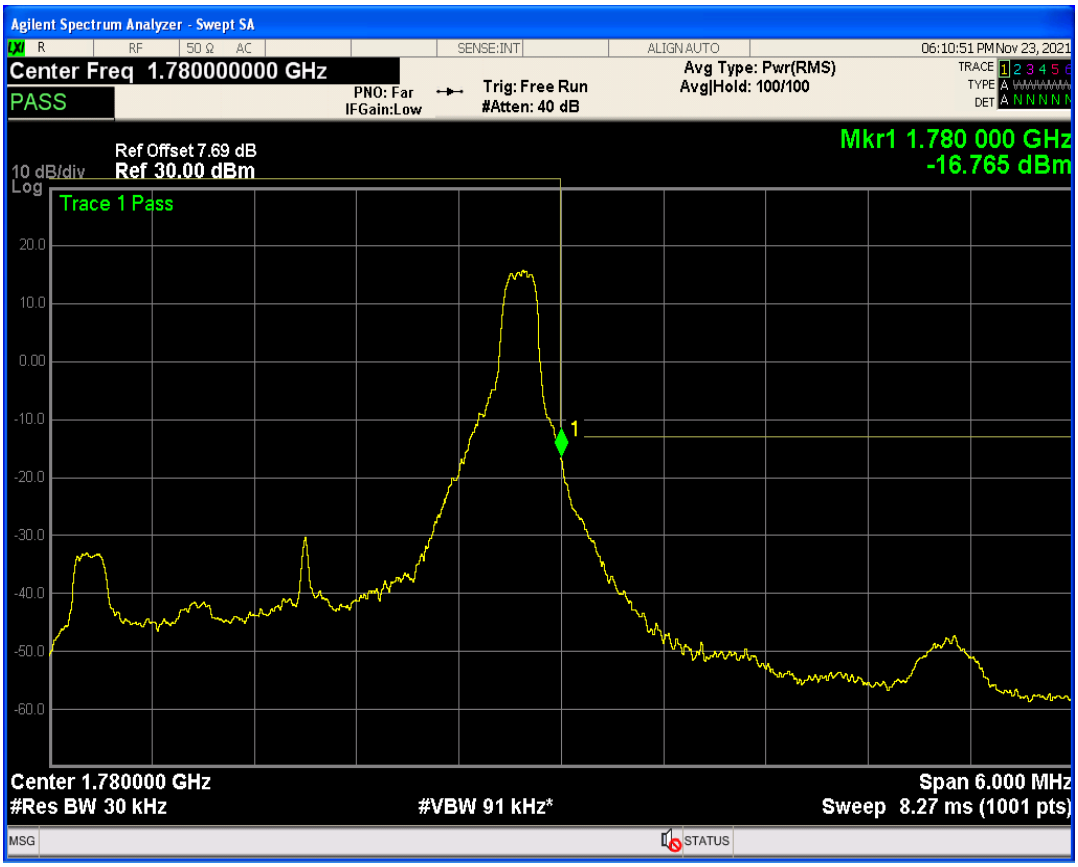
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



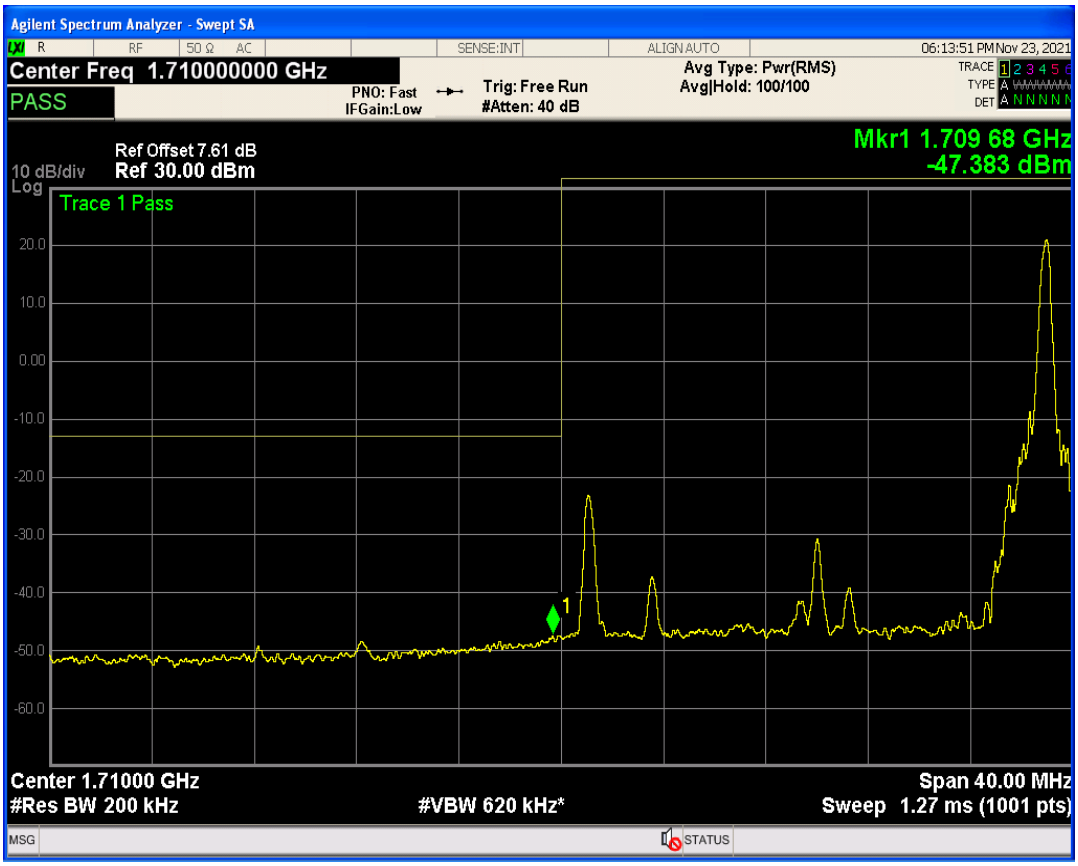
Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#Max



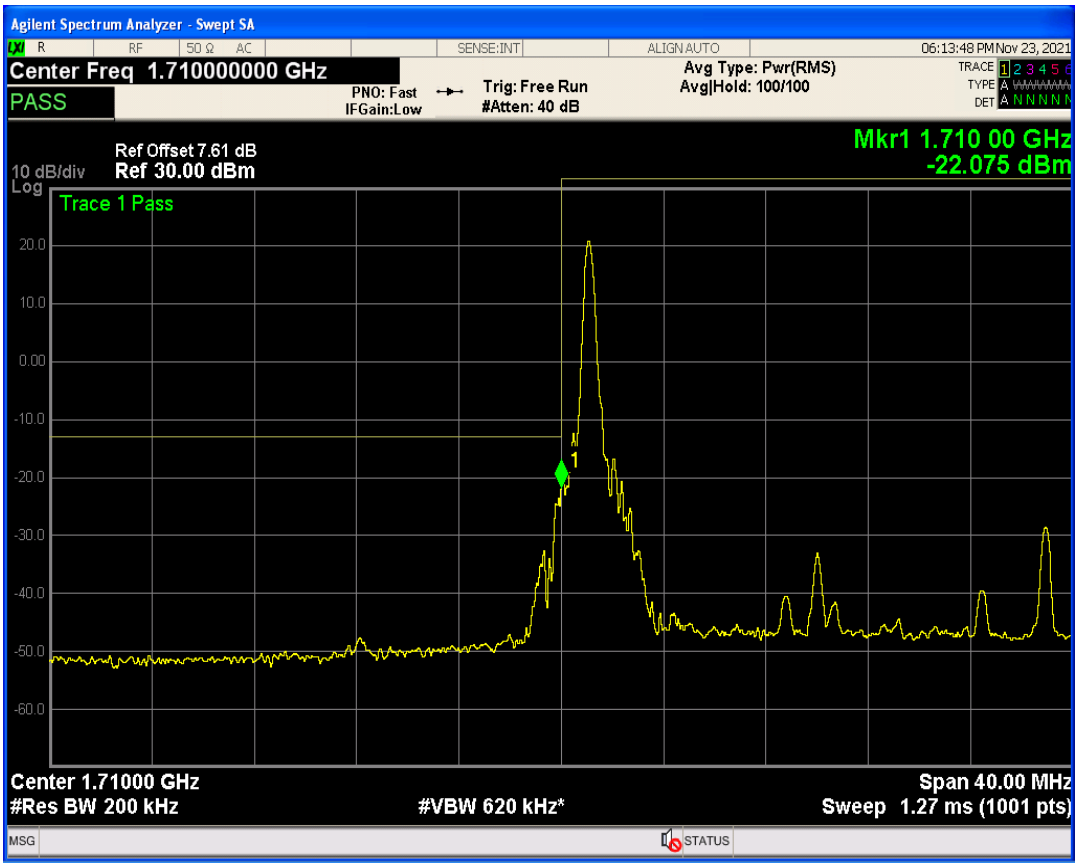
Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0

Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0

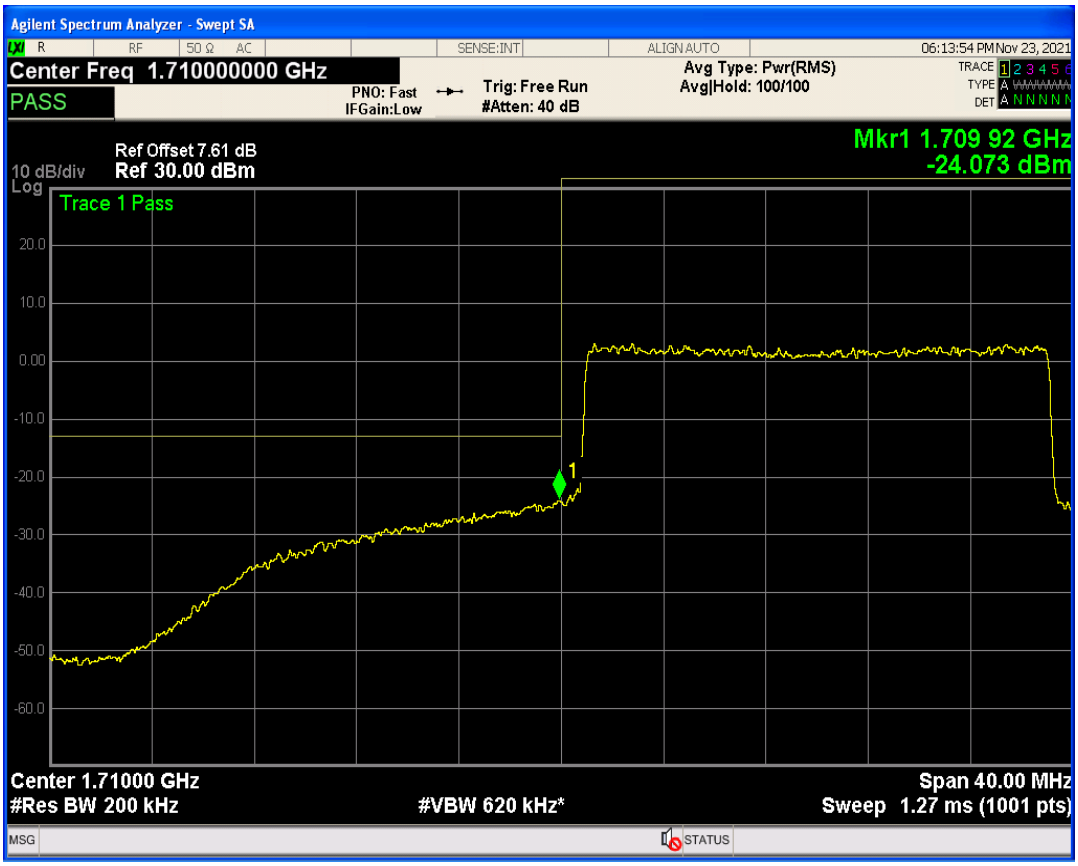
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#Max



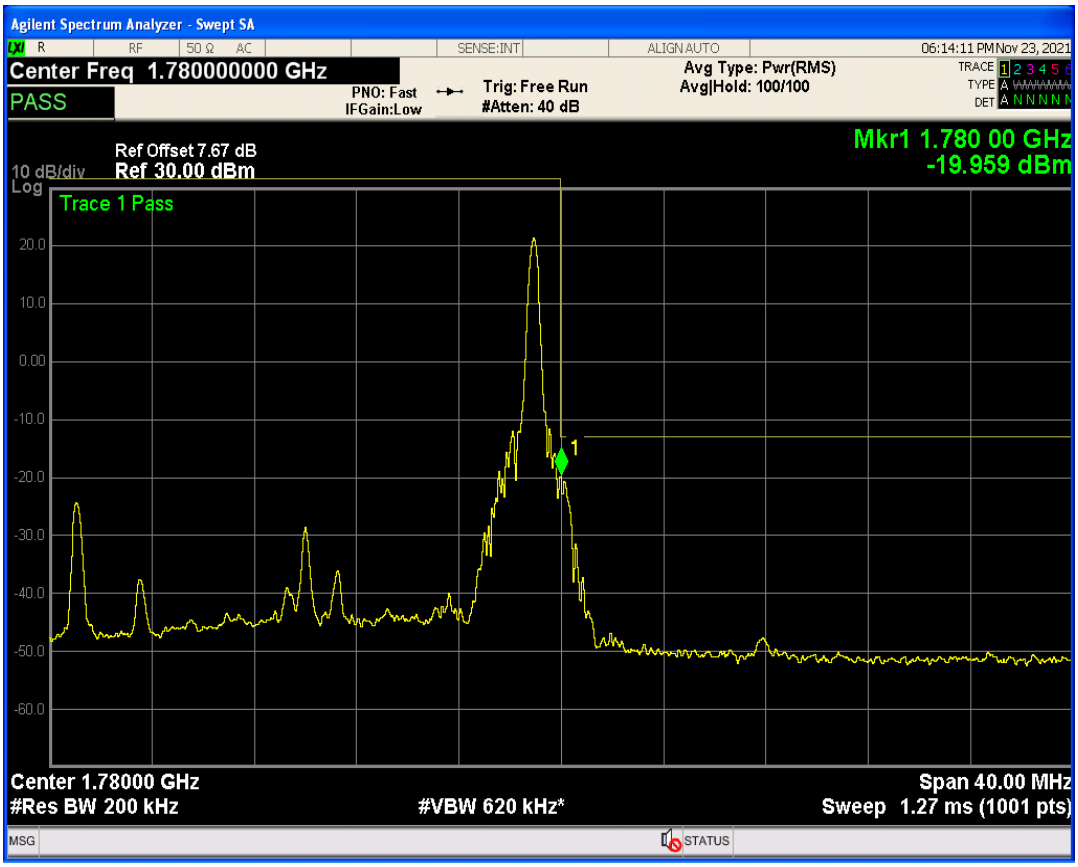
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0

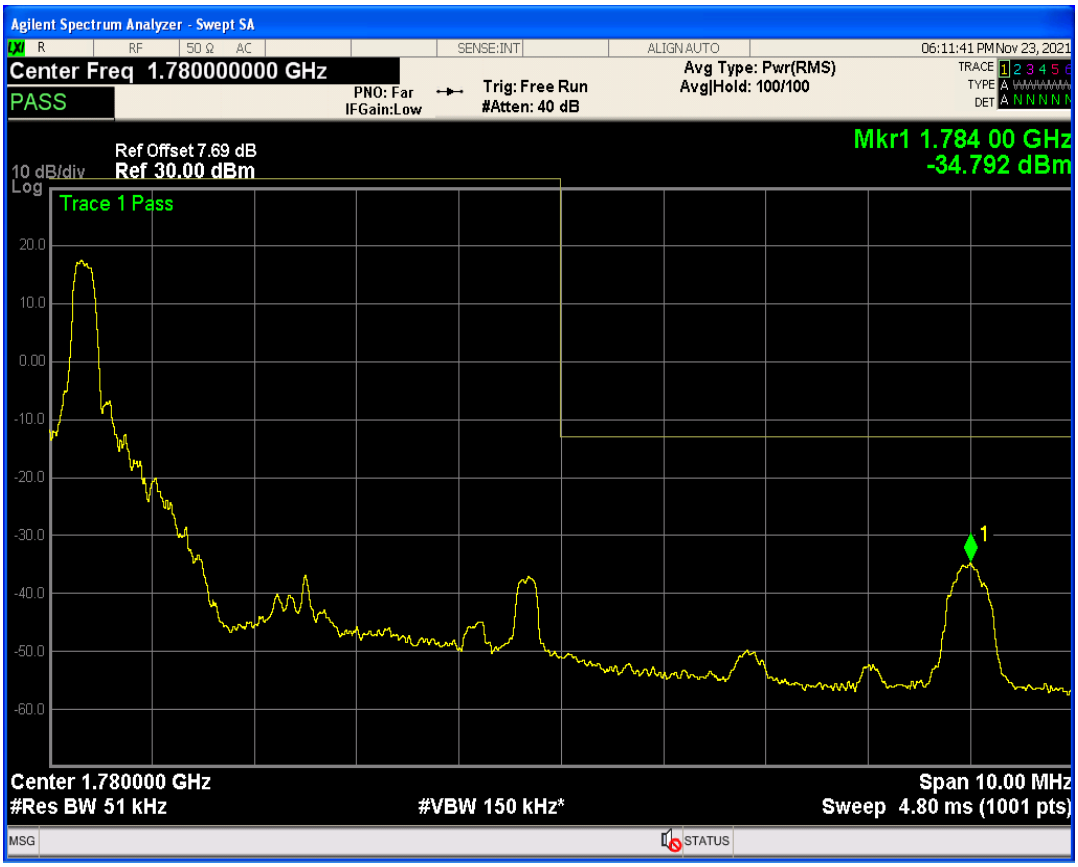


Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#Max

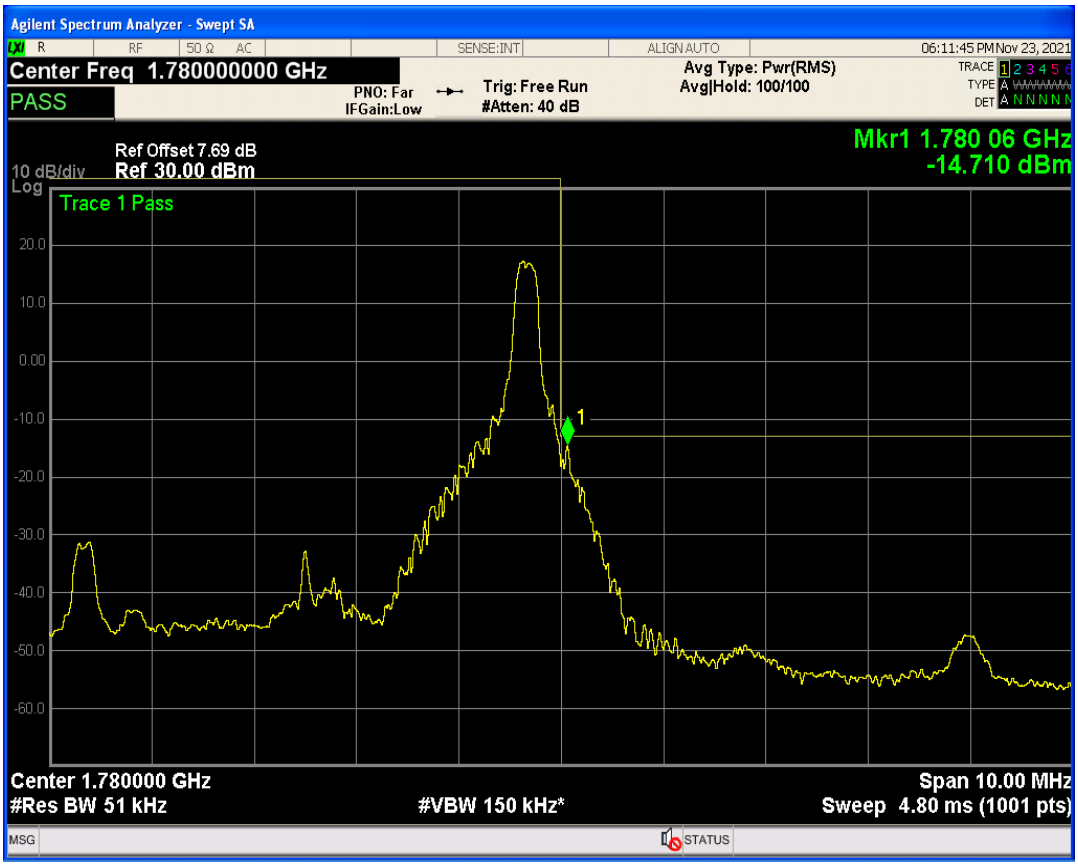


Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0

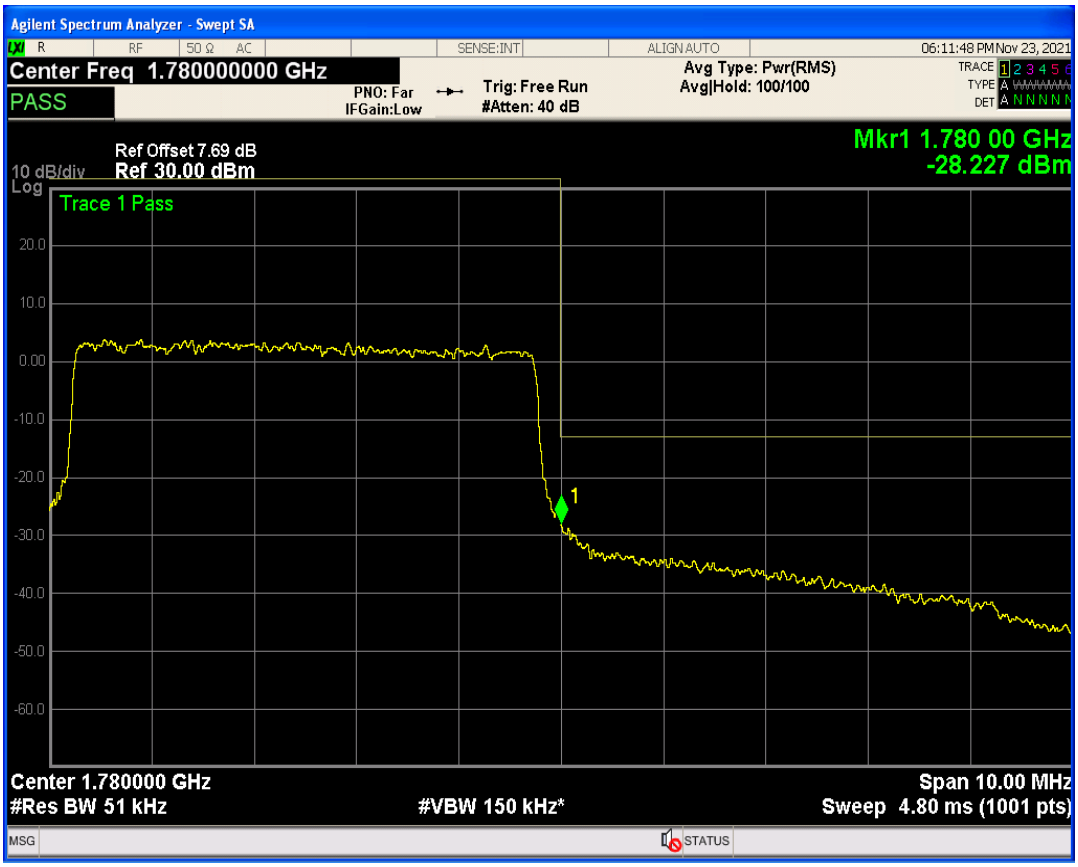
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



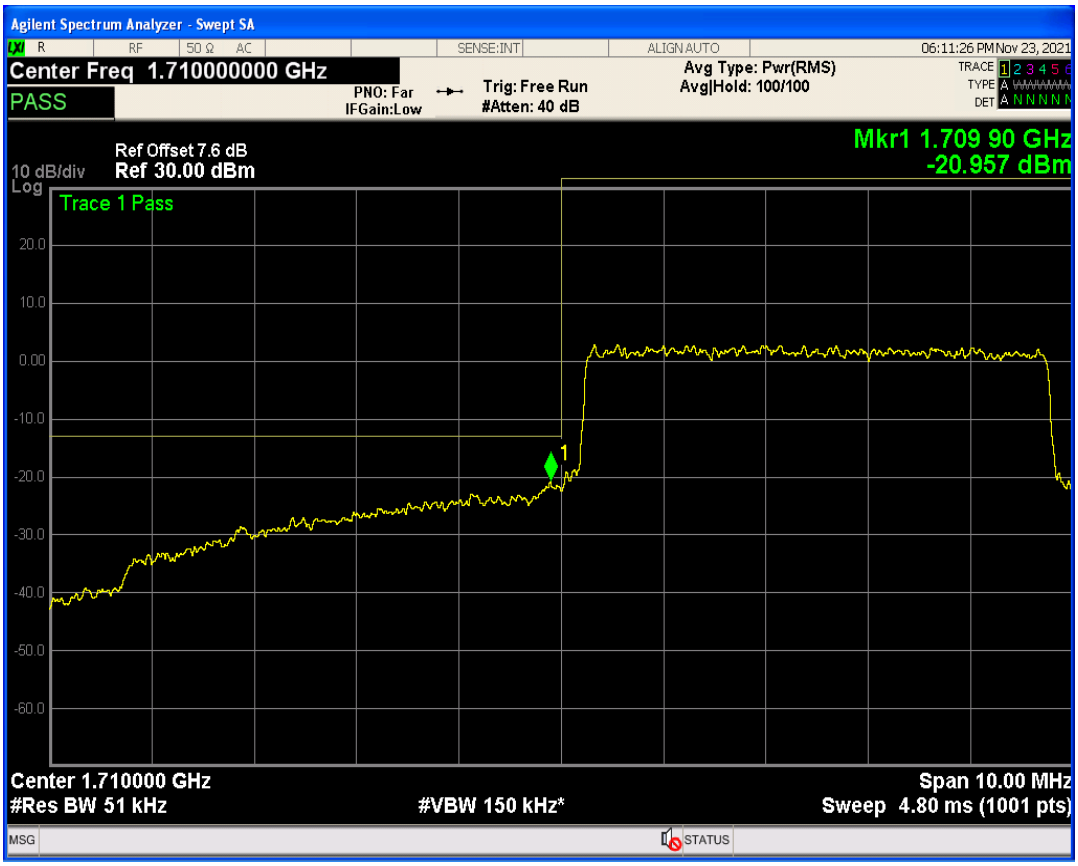
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#Max



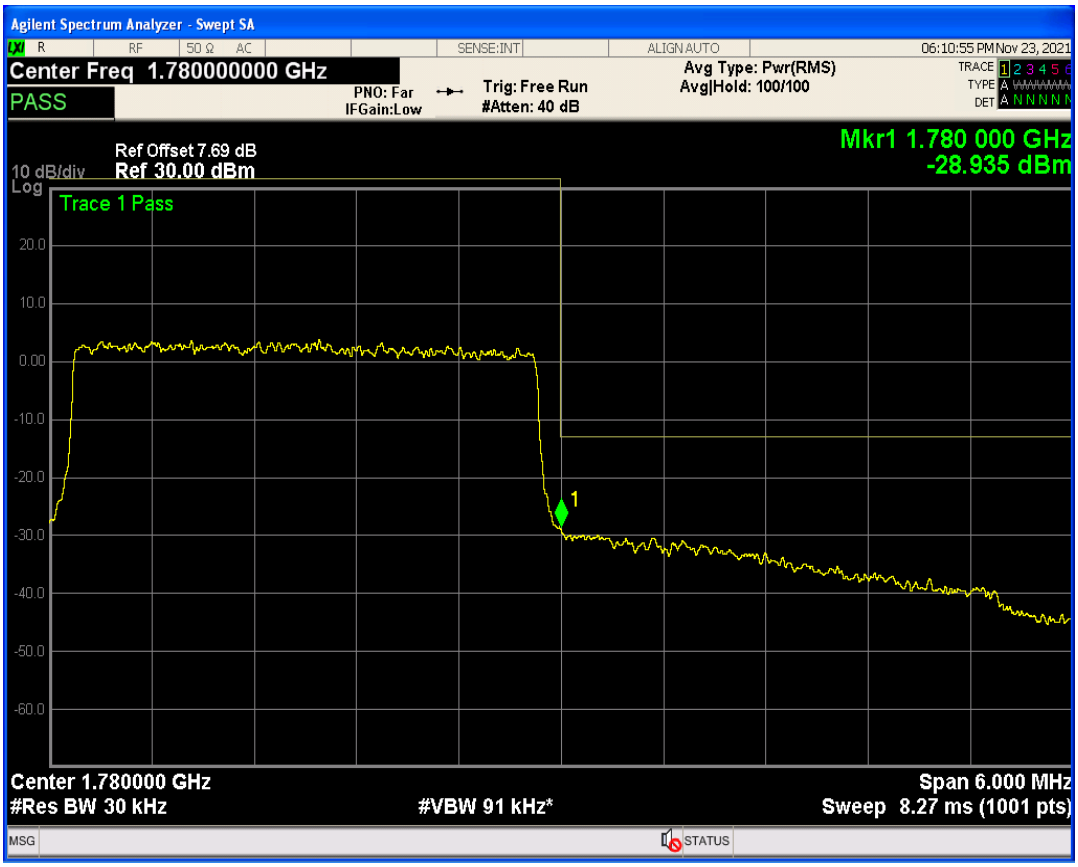
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



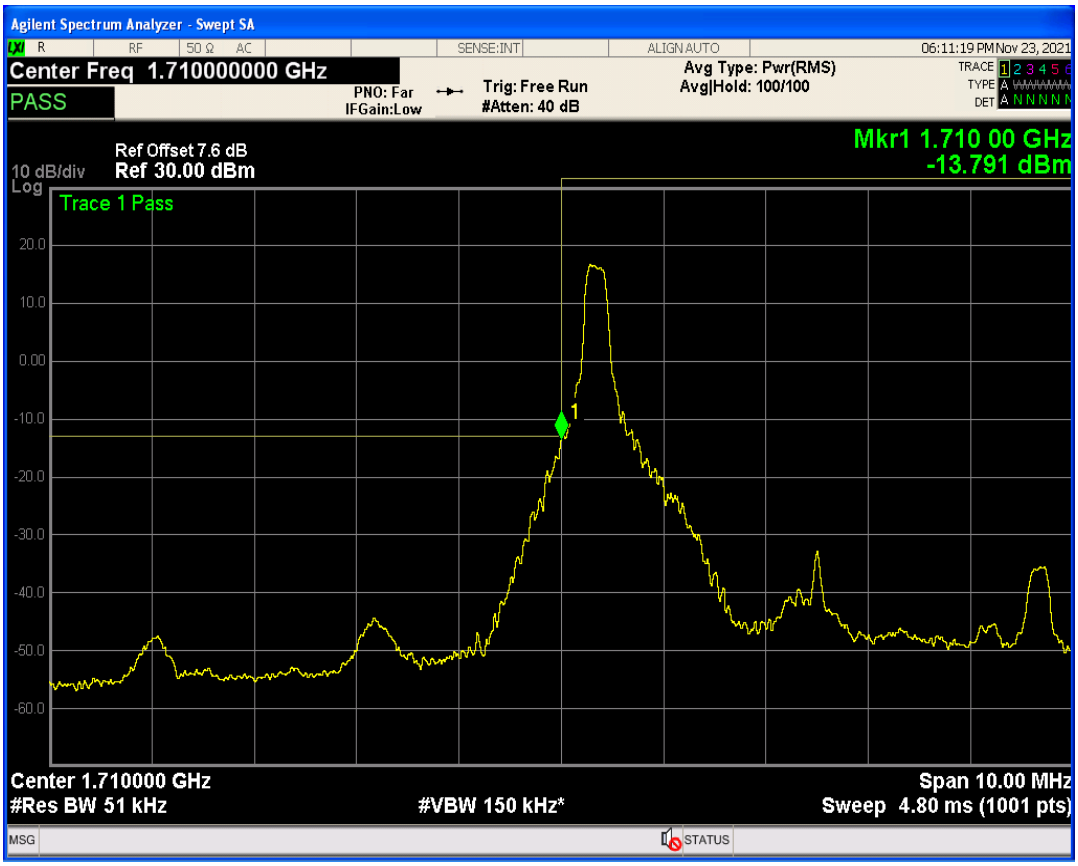
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



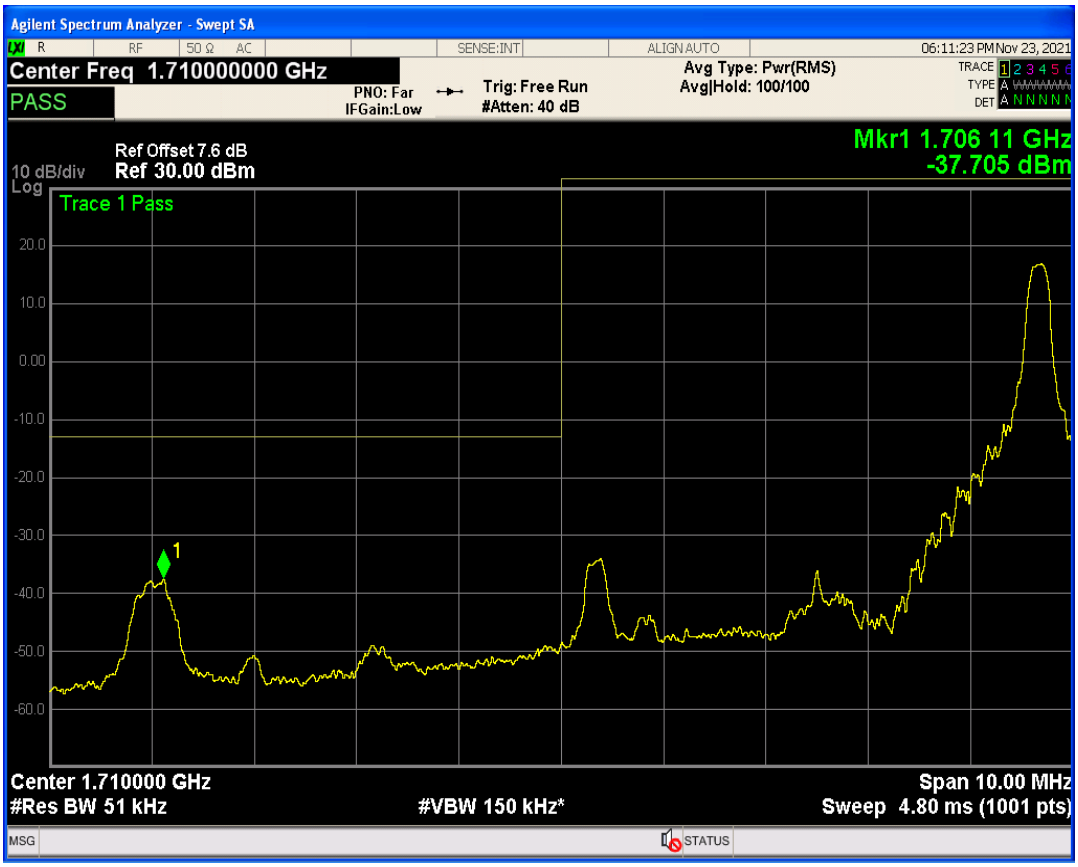
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



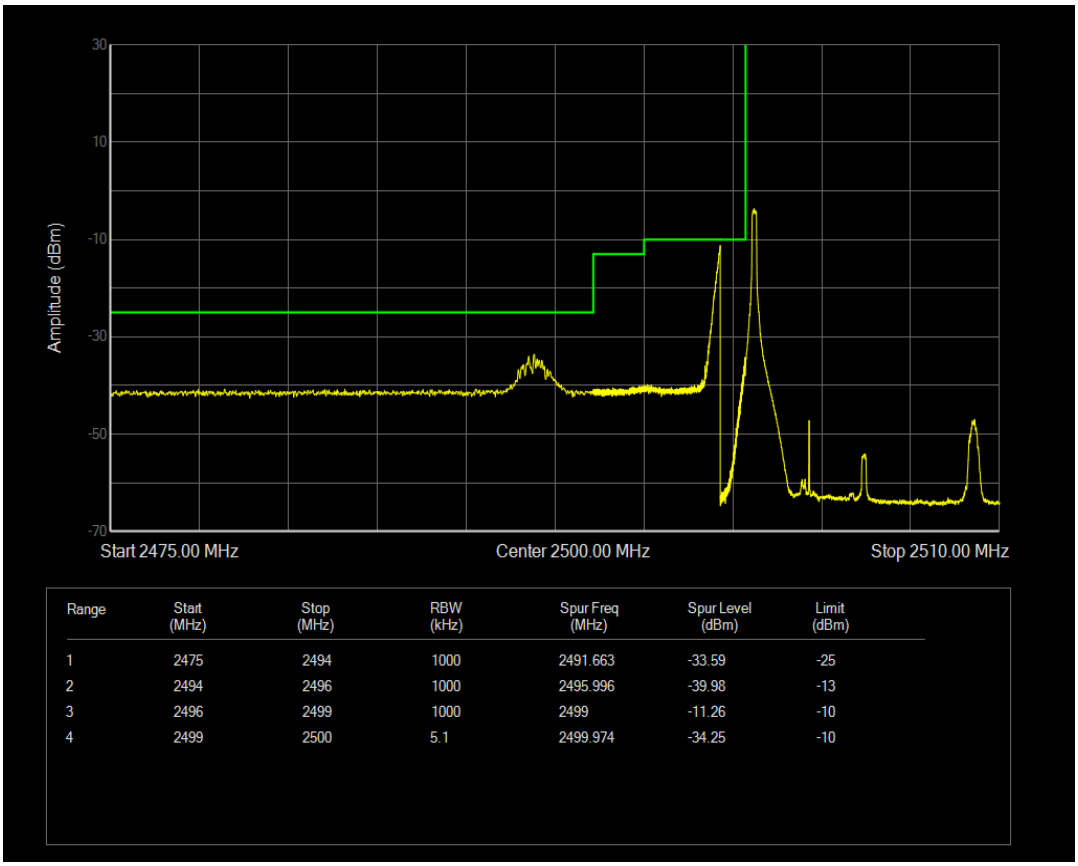
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#Max

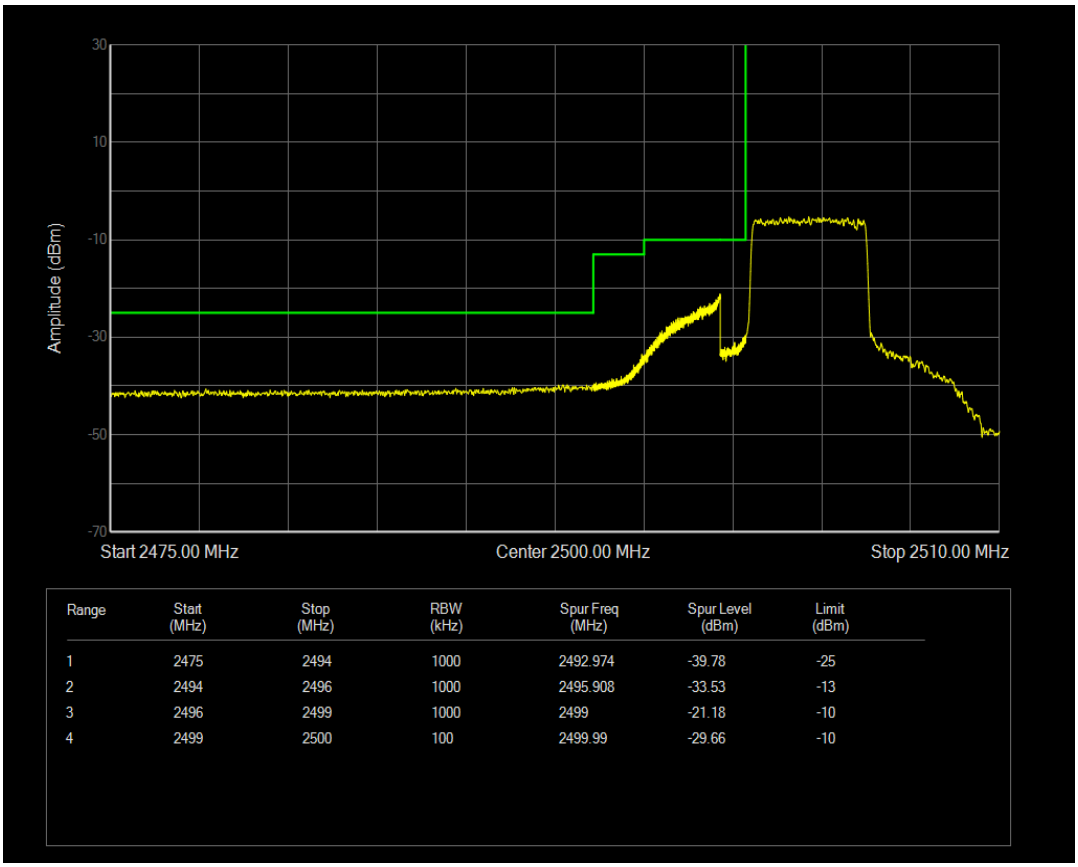


Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



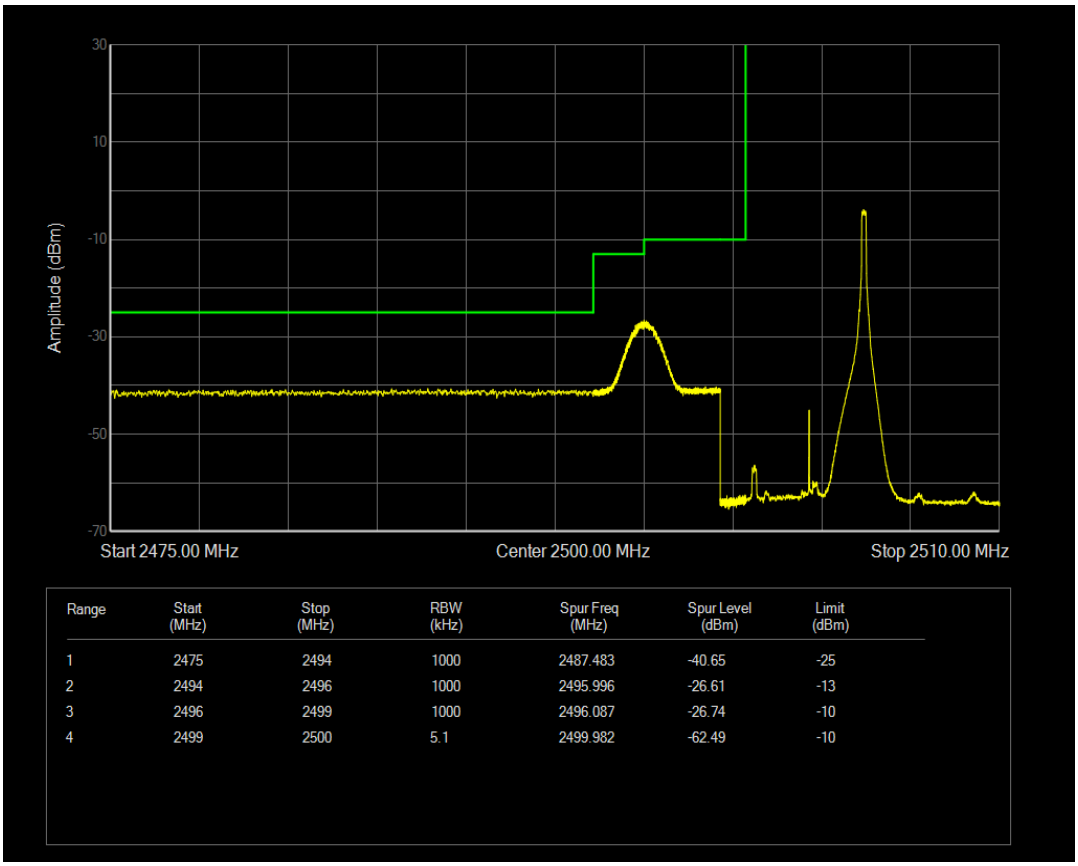
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2491.663	-33.59	-25
2	2494	2496	1000	2495.996	-39.98	-13
3	2496	2499	1000	2499	-11.26	-10
4	2499	2500	5.1	2499.974	-34.25	-10

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



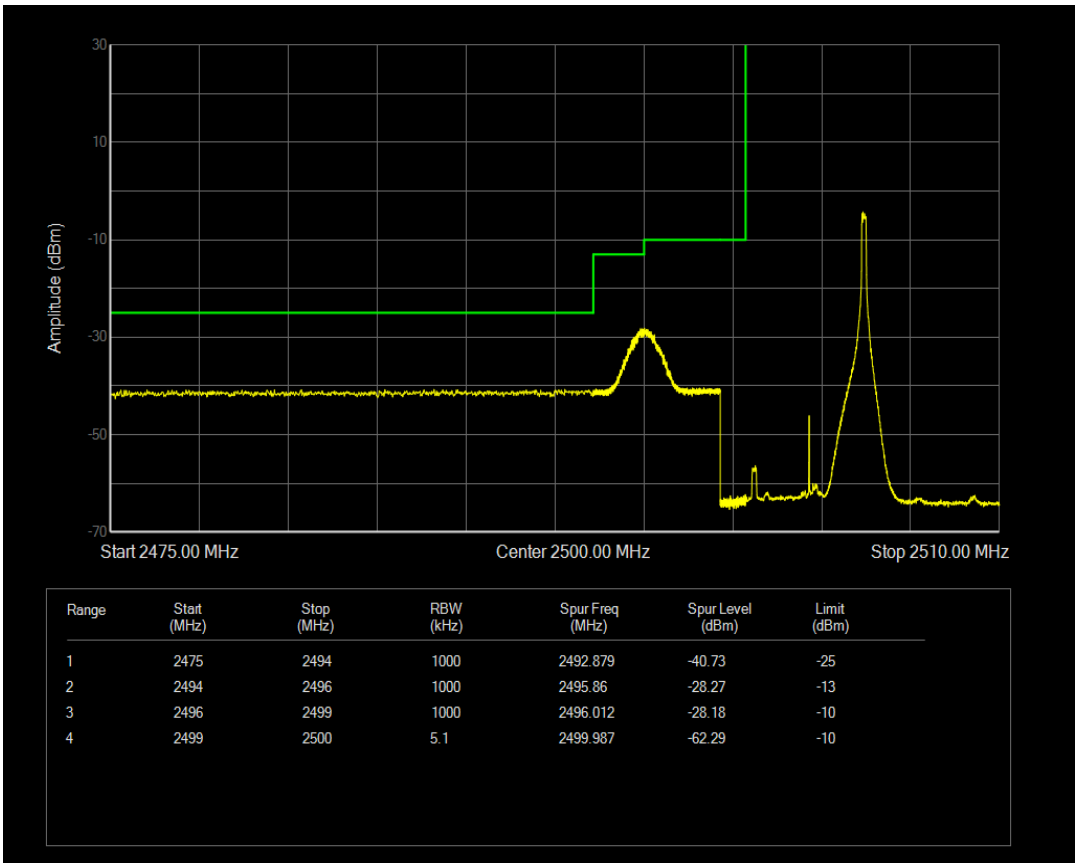
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2492.974	-39.78	-25
2	2494	2496	1000	2495.908	-33.53	-13
3	2496	2499	1000	2499	-21.18	-10
4	2499	2500	100	2499.99	-29.66	-10

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



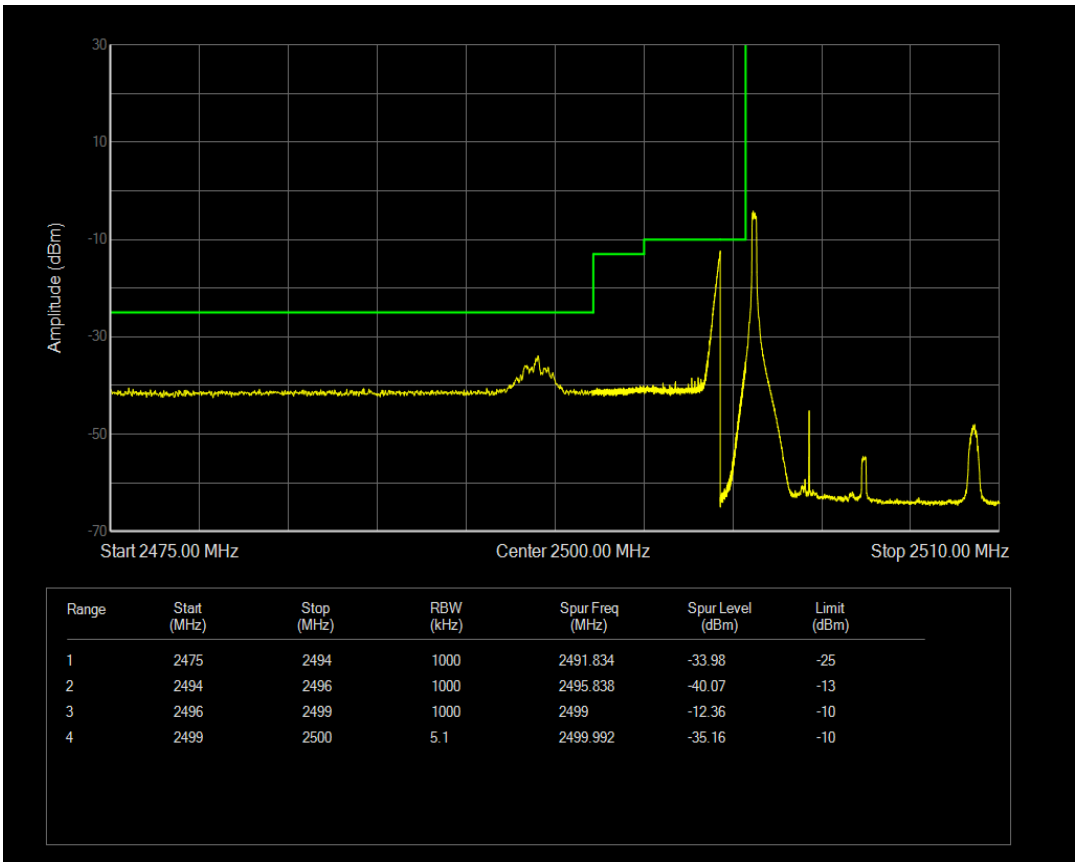
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2487.483	-40.65	-25
2	2494	2496	1000	2495.996	-26.61	-13
3	2496	2499	1000	2496.087	-26.74	-10
4	2499	2500	5.1	2499.982	-62.49	-10

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



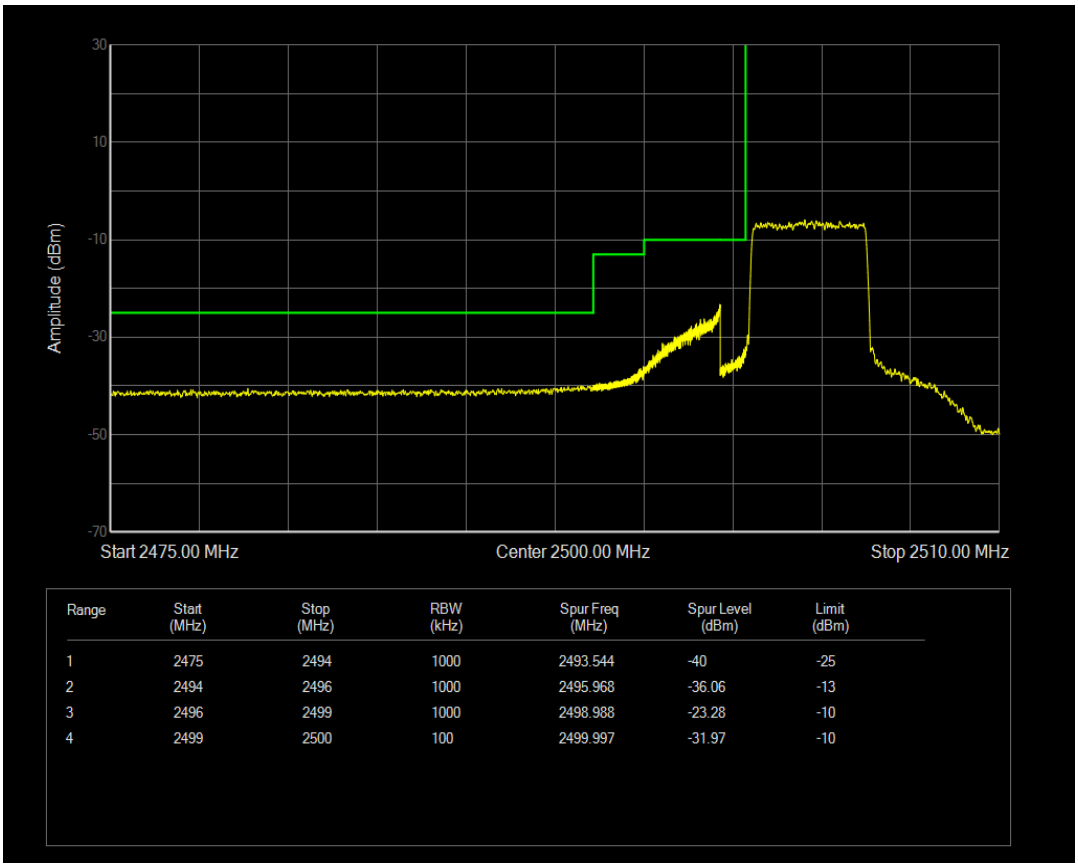
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2492.879	-40.73	-25
2	2494	2496	1000	2495.86	-28.27	-13
3	2496	2499	1000	2496.012	-28.18	-10
4	2499	2500	5.1	2499.987	-62.29	-10

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



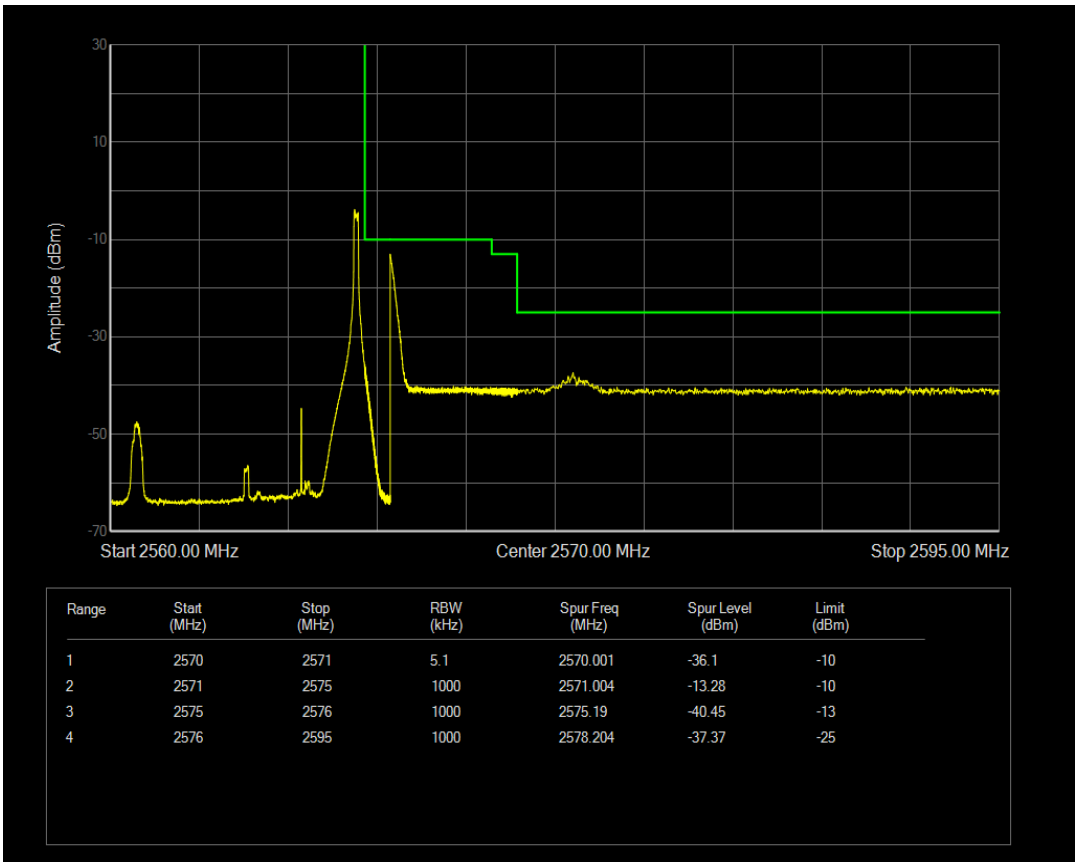
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2491.834	-33.98	-25
2	2494	2496	1000	2495.838	-40.07	-13
3	2496	2499	1000	2499	-12.36	-10
4	2499	2500	5.1	2499.992	-35.16	-10

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



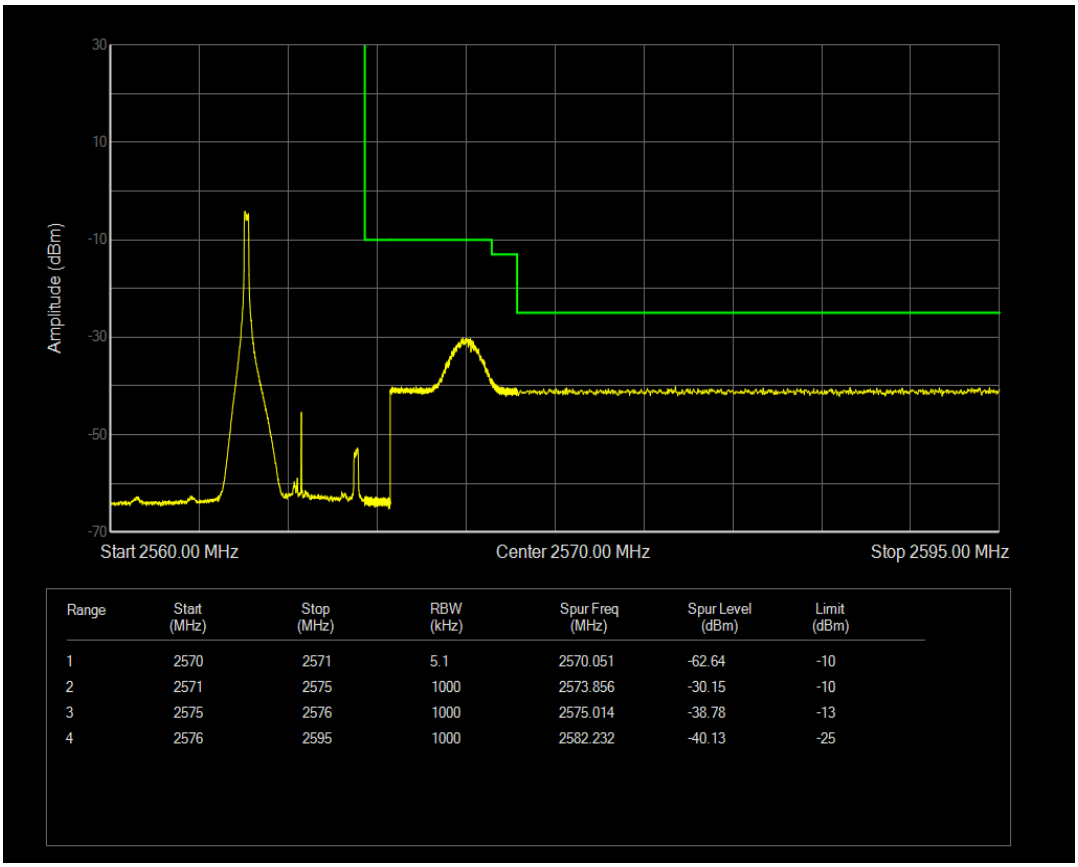
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2493.544	-40	-25
2	2494	2496	1000	2495.968	-36.06	-13
3	2496	2499	1000	2498.988	-23.28	-10
4	2499	2500	100	2499.997	-31.97	-10

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



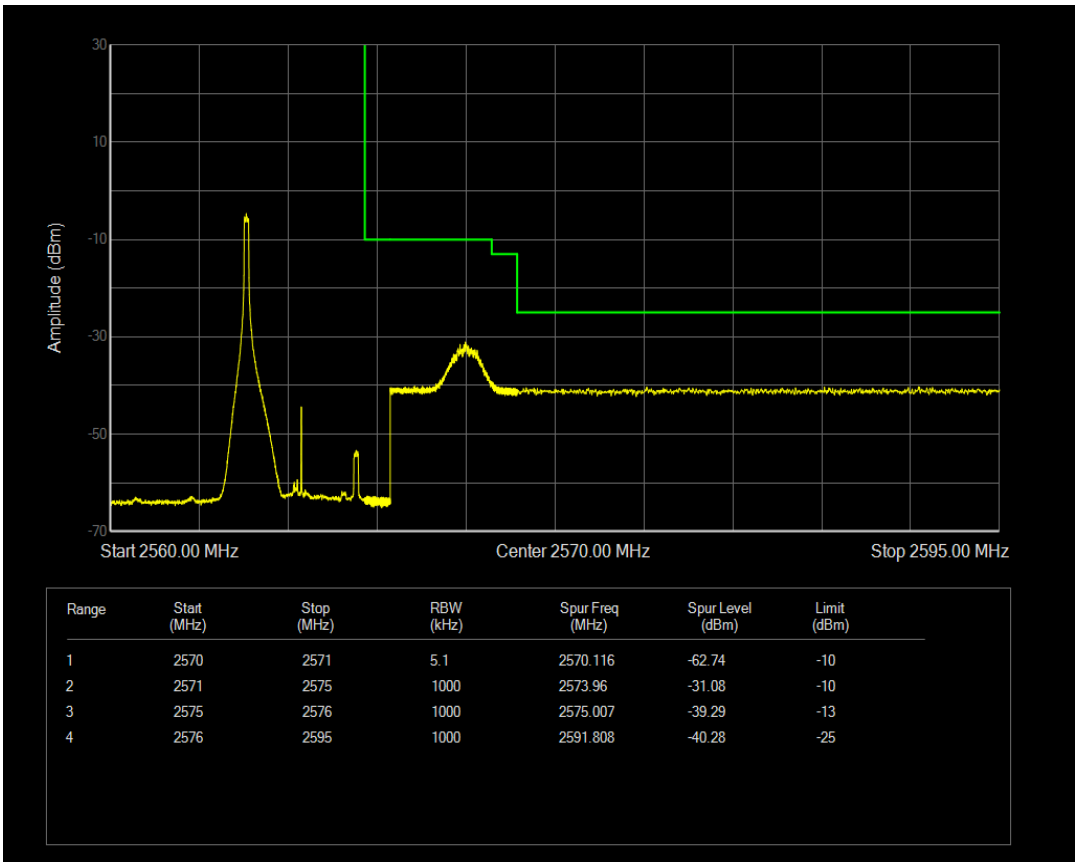
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.001	-36.1	-10
2	2571	2575	1000	2571.004	-13.28	-10
3	2575	2576	1000	2575.19	-40.45	-13
4	2576	2595	1000	2578.204	-37.37	-25

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



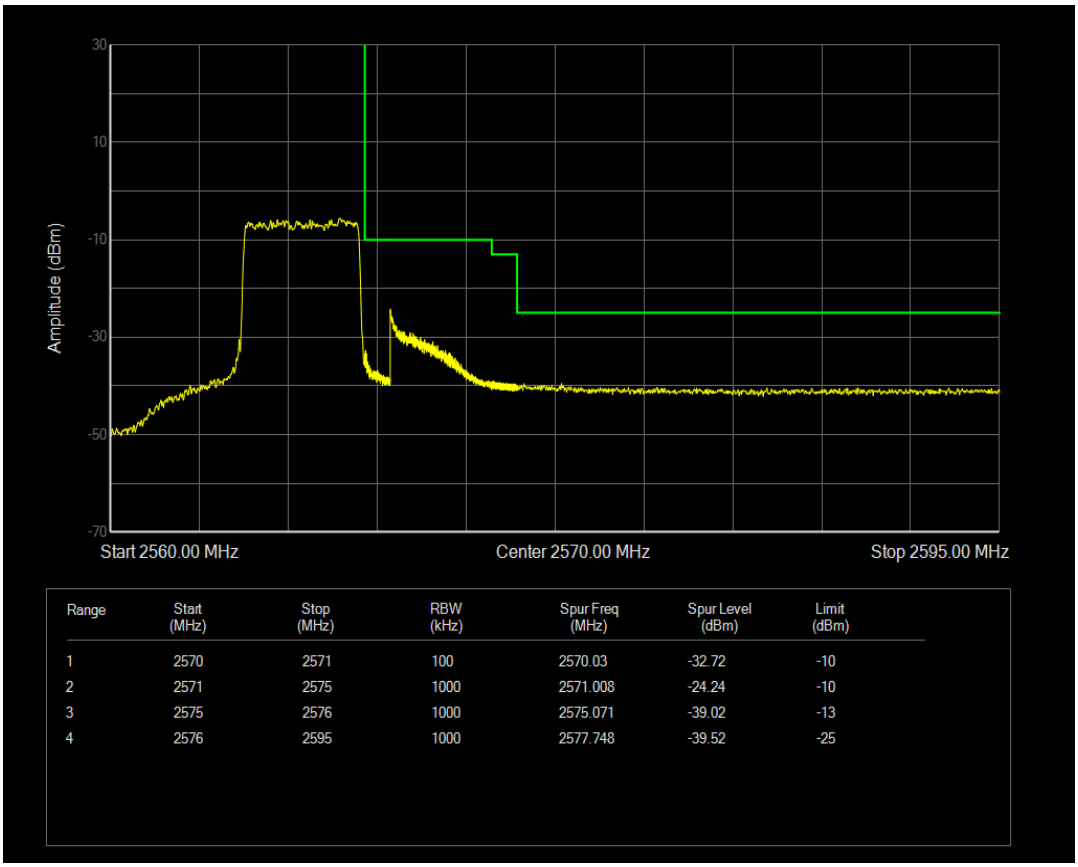
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.051	-62.64	-10
2	2571	2575	1000	2573.856	-30.15	-10
3	2575	2576	1000	2575.014	-38.78	-13
4	2576	2595	1000	2582.232	-40.13	-25

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



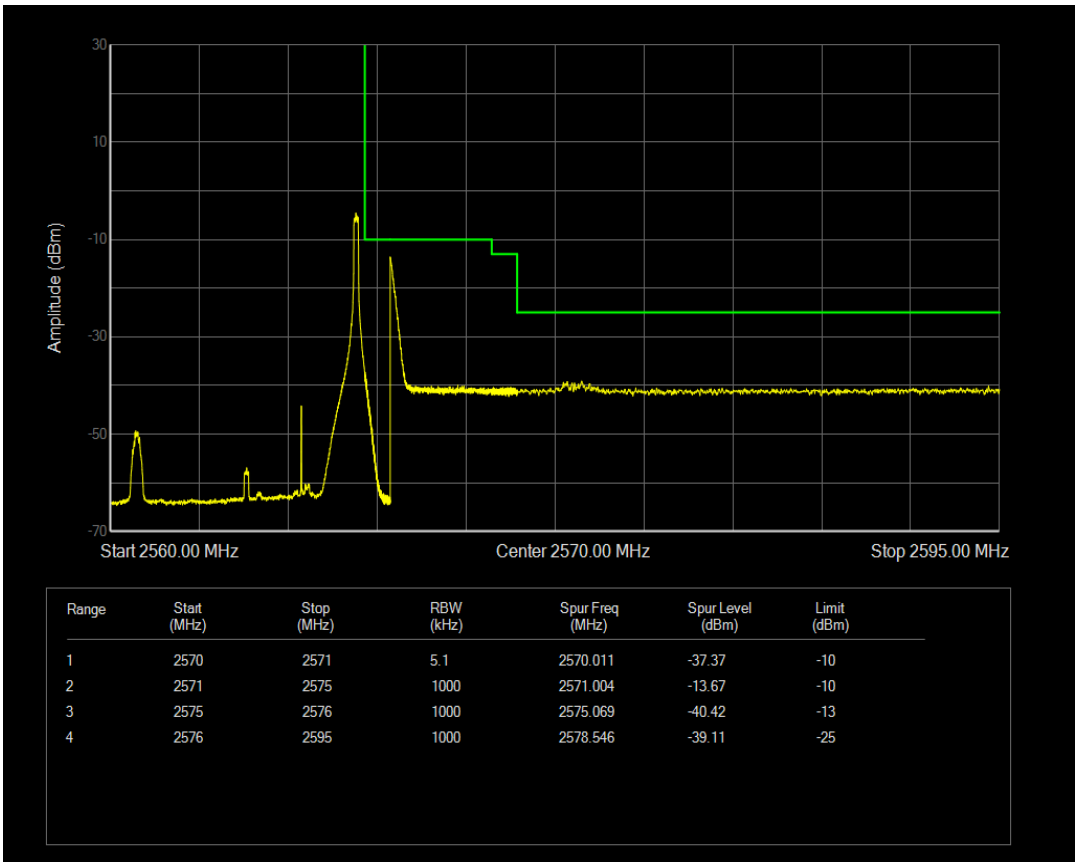
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.116	-62.74	-10
2	2571	2575	1000	2573.96	-31.08	-10
3	2575	2576	1000	2575.007	-39.29	-13
4	2576	2595	1000	2591.808	-40.28	-25

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



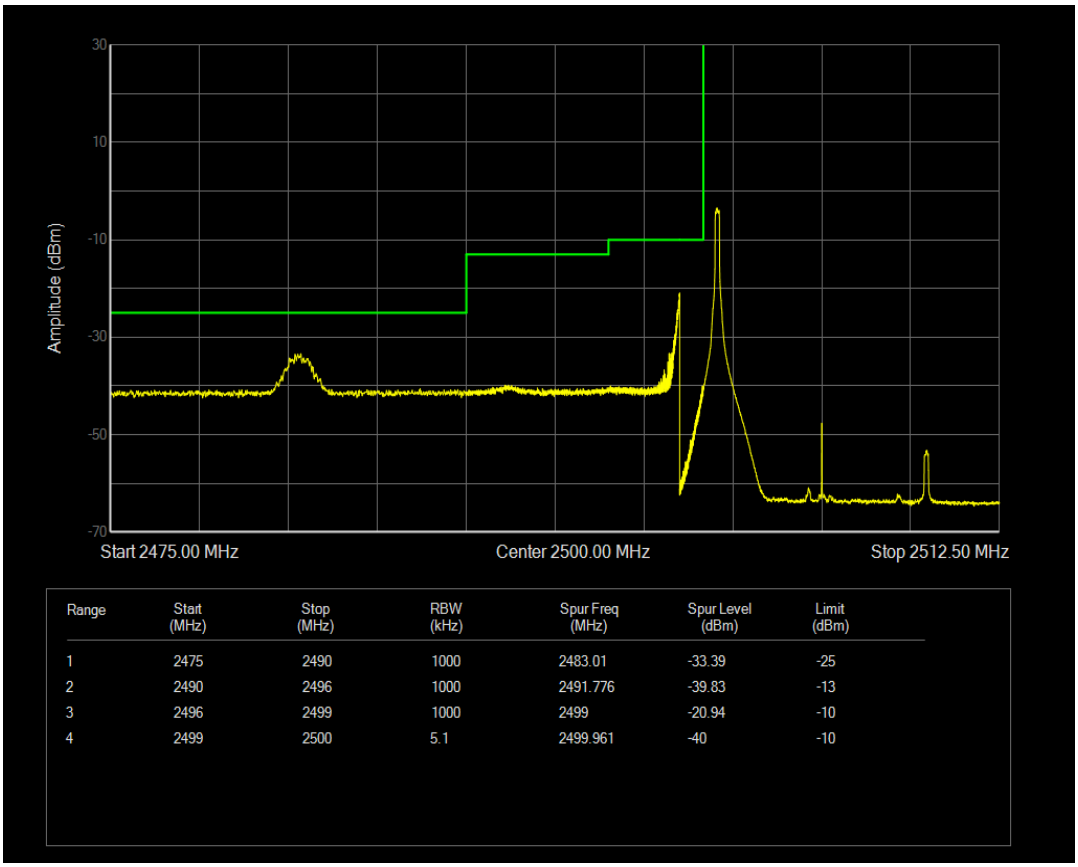
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.03	-32.72	-10
2	2571	2575	1000	2571.008	-24.24	-10
3	2575	2576	1000	2575.071	-39.02	-13
4	2576	2595	1000	2577.748	-39.52	-25

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



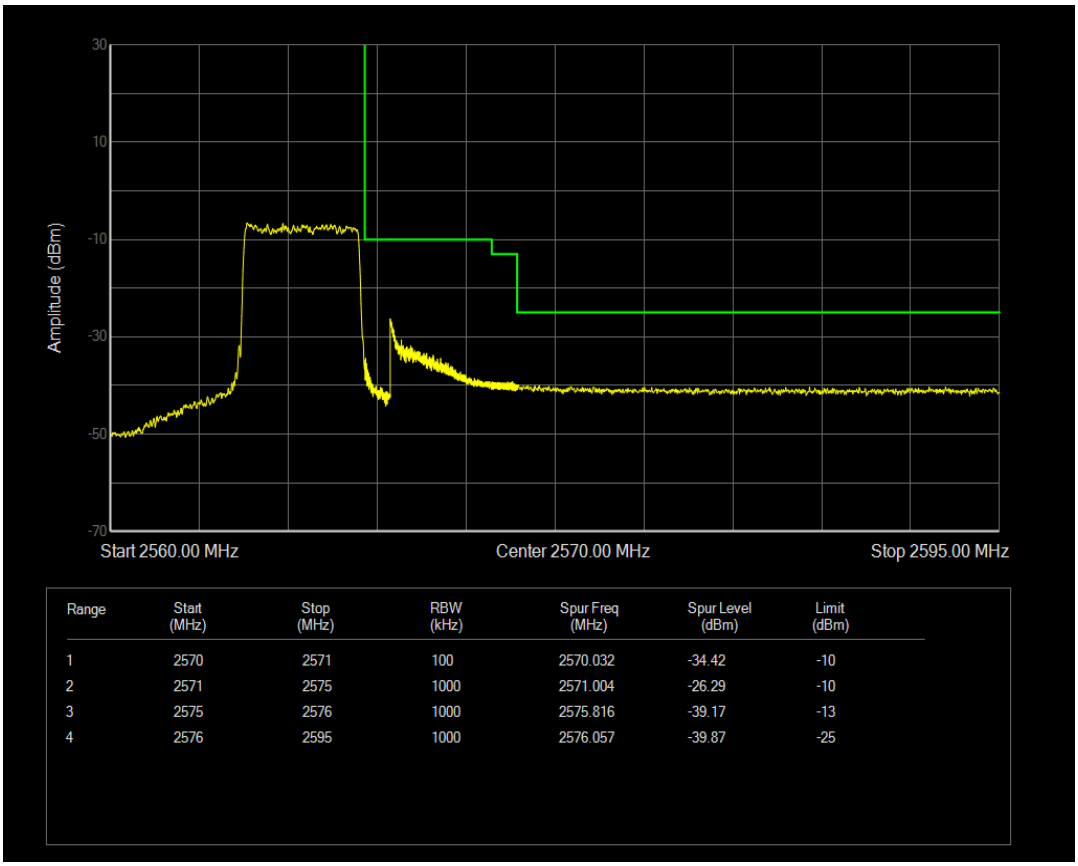
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.011	-37.37	-10
2	2571	2575	1000	2571.004	-13.67	-10
3	2575	2576	1000	2575.069	-40.42	-13
4	2576	2595	1000	2578.546	-39.11	-25

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



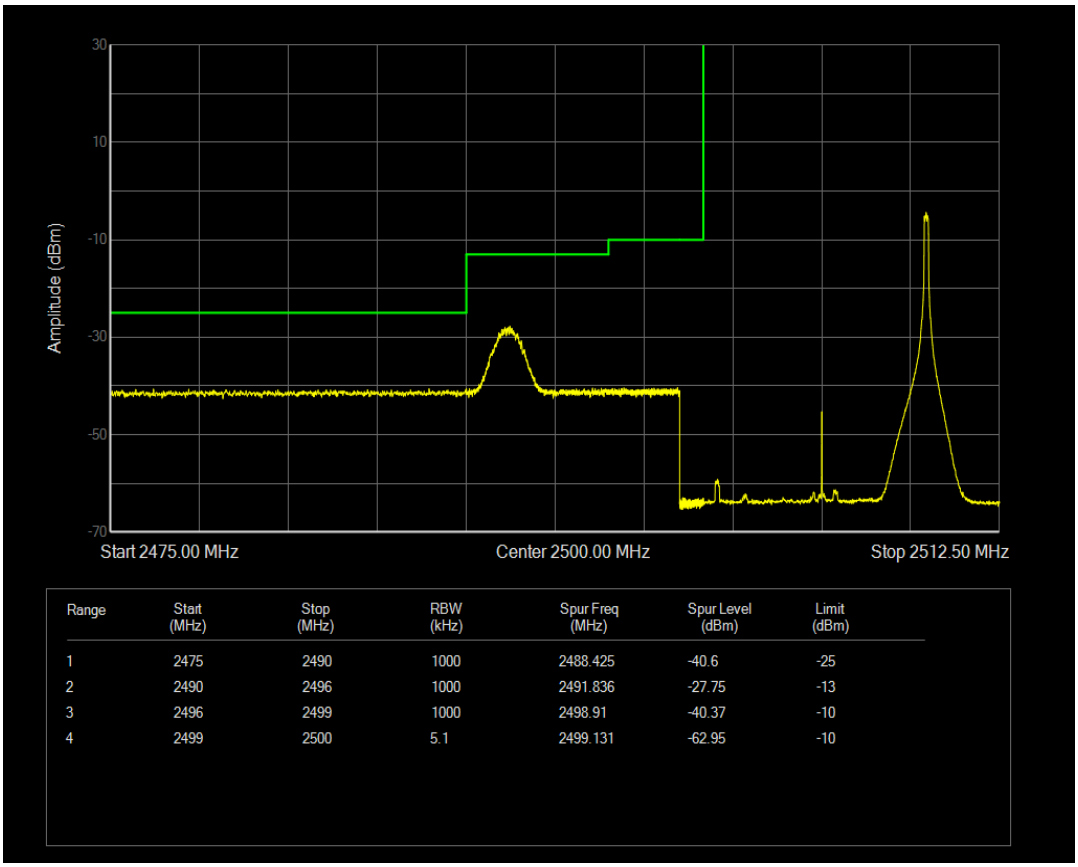
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2483.01	-33.39	-25
2	2490	2496	1000	2491.776	-39.83	-13
3	2496	2499	1000	2499	-20.94	-10
4	2499	2500	5.1	2499.961	-40	-10

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



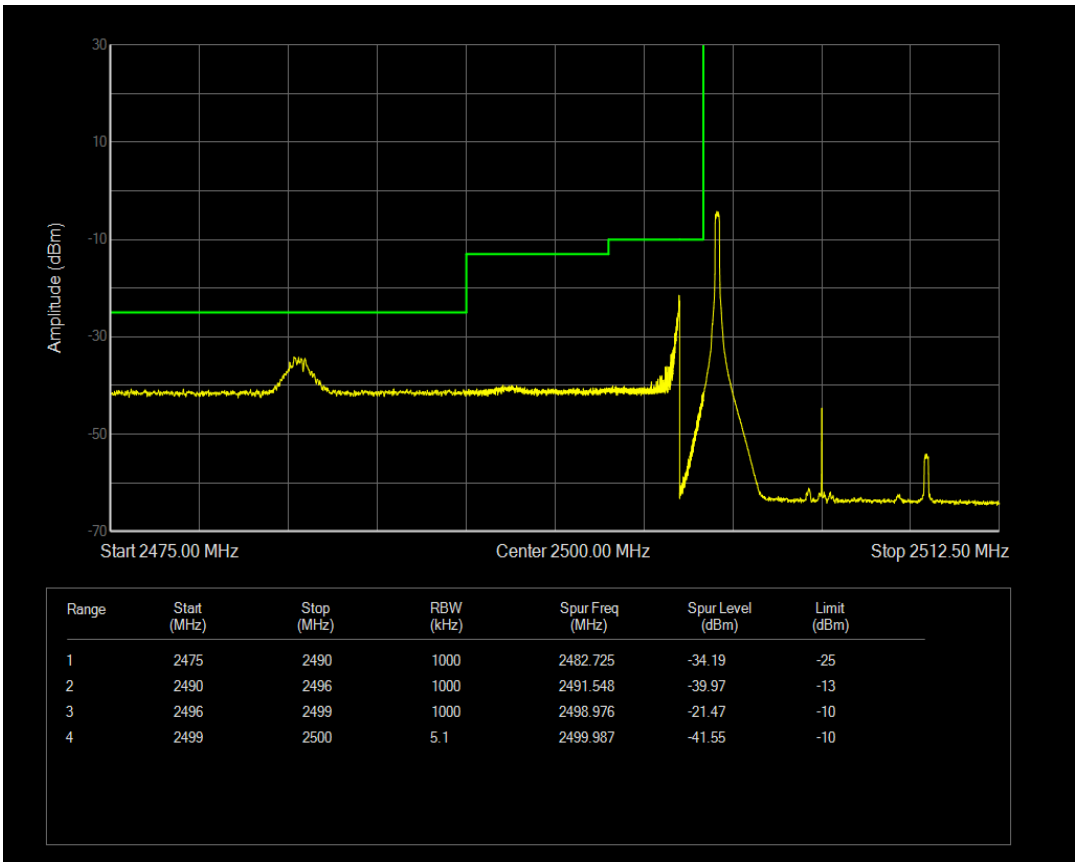
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.032	-34.42	-10
2	2571	2575	1000	2571.004	-26.29	-10
3	2575	2576	1000	2575.816	-39.17	-13
4	2576	2595	1000	2576.057	-39.87	-25

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



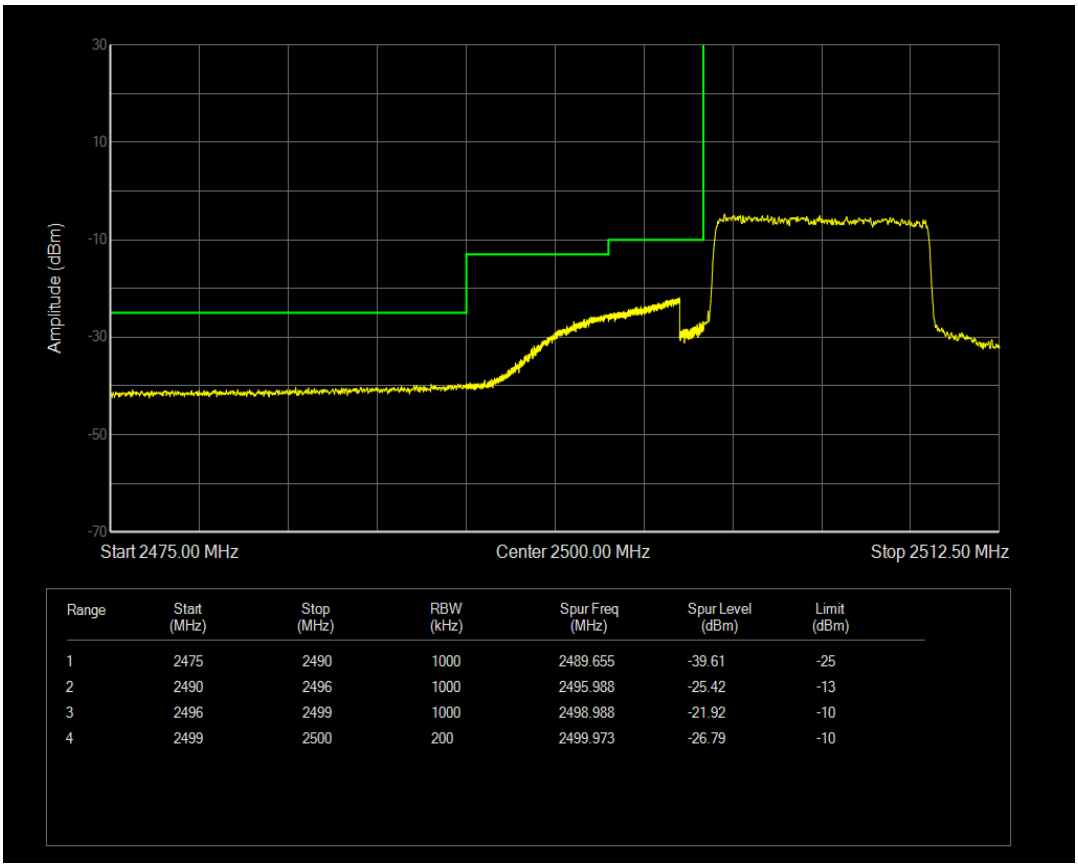
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2488.425	-40.6	-25
2	2490	2496	1000	2491.836	-27.75	-13
3	2496	2499	1000	2498.91	-40.37	-10
4	2499	2500	5.1	2499.131	-62.95	-10

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



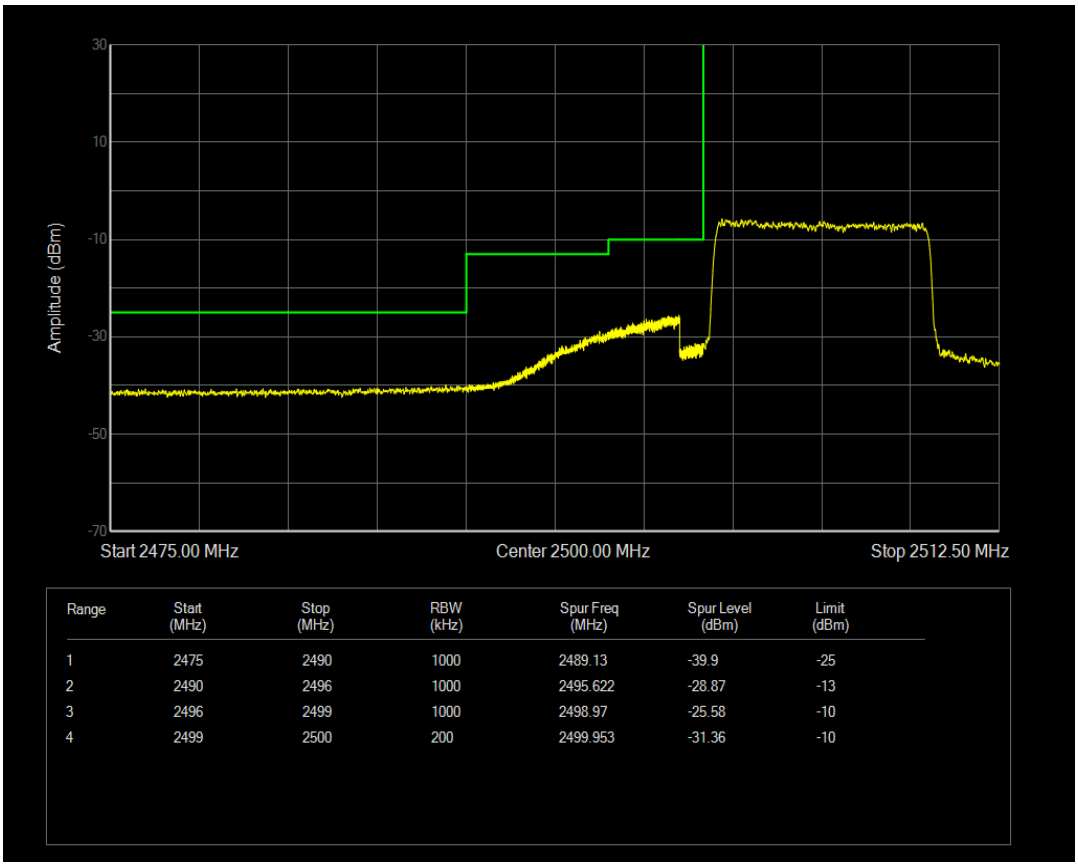
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2482.725	-34.19	-25
2	2490	2496	1000	2491.548	-39.97	-13
3	2496	2499	1000	2498.976	-21.47	-10
4	2499	2500	5.1	2499.987	-41.55	-10

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



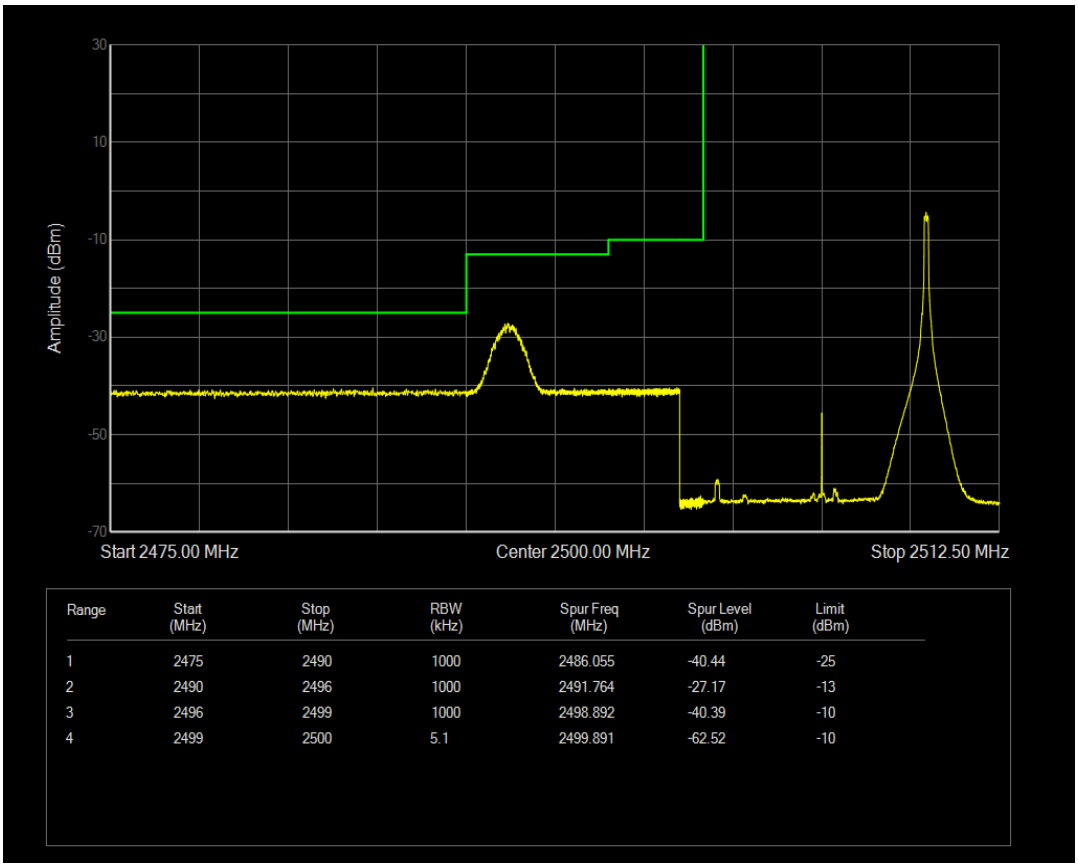
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.655	-39.61	-25
2	2490	2496	1000	2495.988	-25.42	-13
3	2496	2499	1000	2498.988	-21.92	-10
4	2499	2500	200	2499.973	-26.79	-10

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



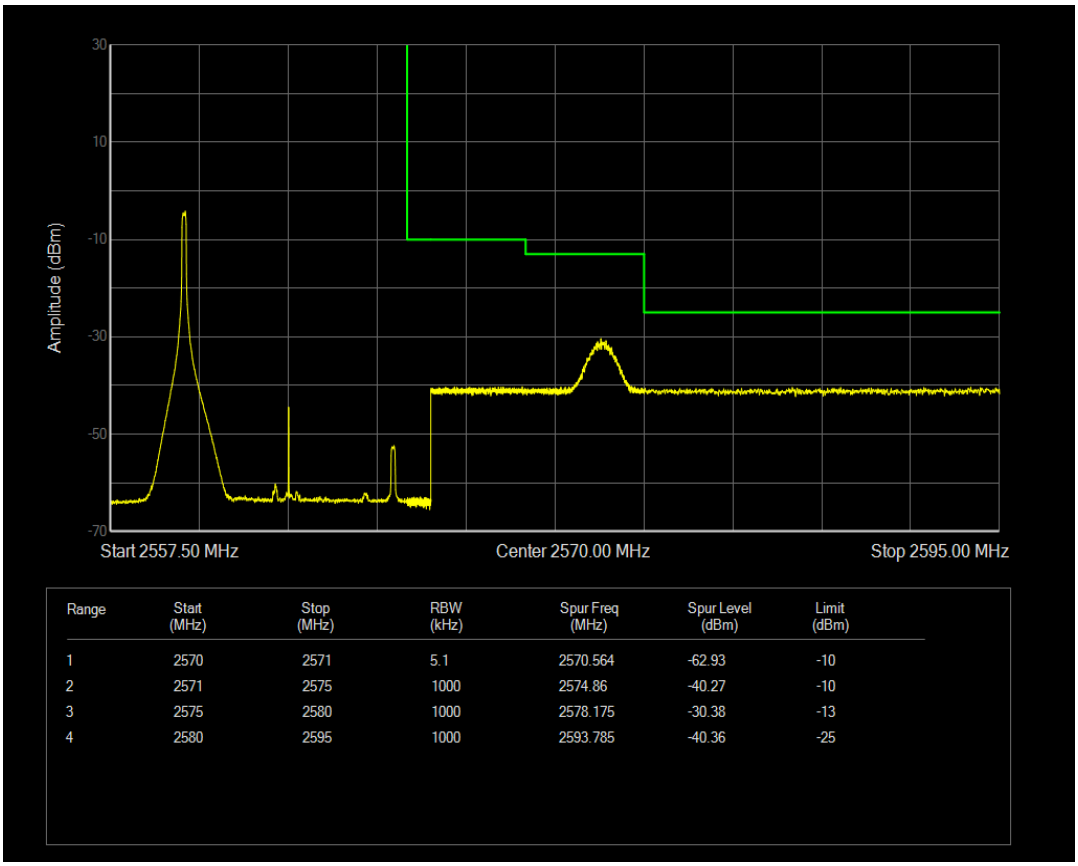
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.13	-39.9	-25
2	2490	2496	1000	2495.622	-28.87	-13
3	2496	2499	1000	2498.97	-25.58	-10
4	2499	2500	200	2499.953	-31.36	-10

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



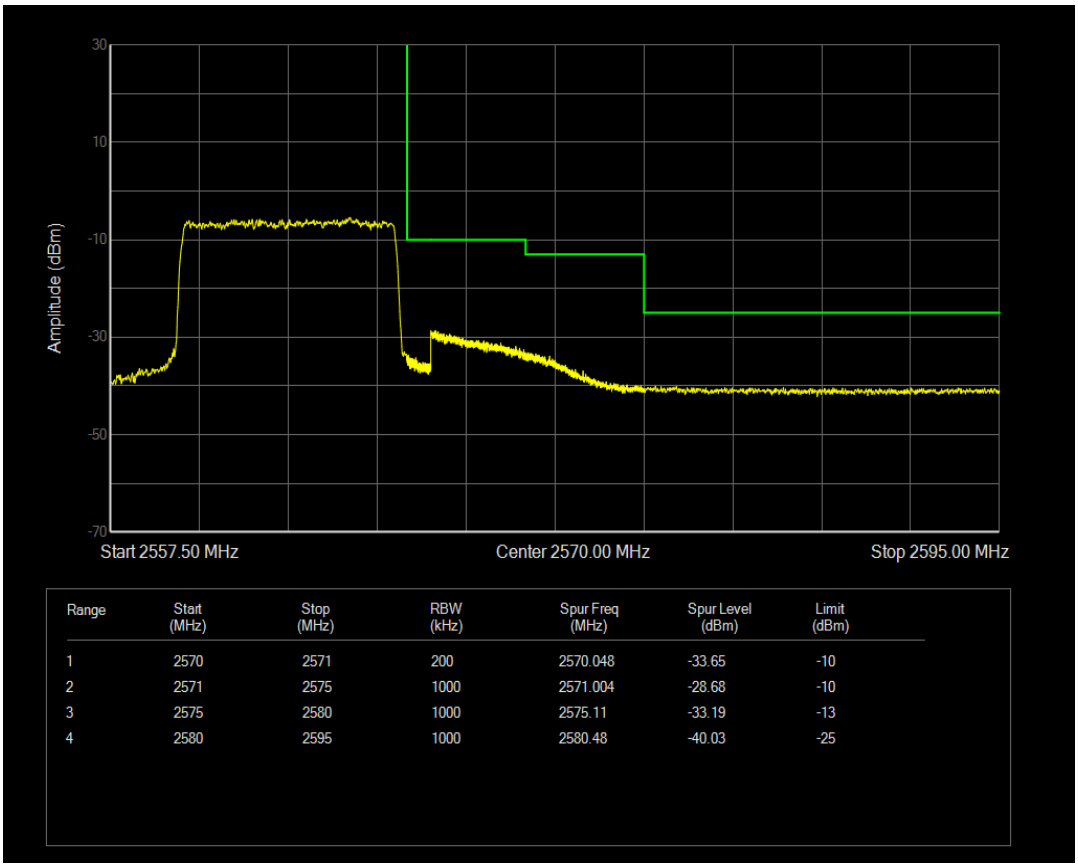
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2486.055	-40.44	-25
2	2490	2496	1000	2491.764	-27.17	-13
3	2496	2499	1000	2498.892	-40.39	-10
4	2499	2500	5.1	2499.891	-62.52	-10

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



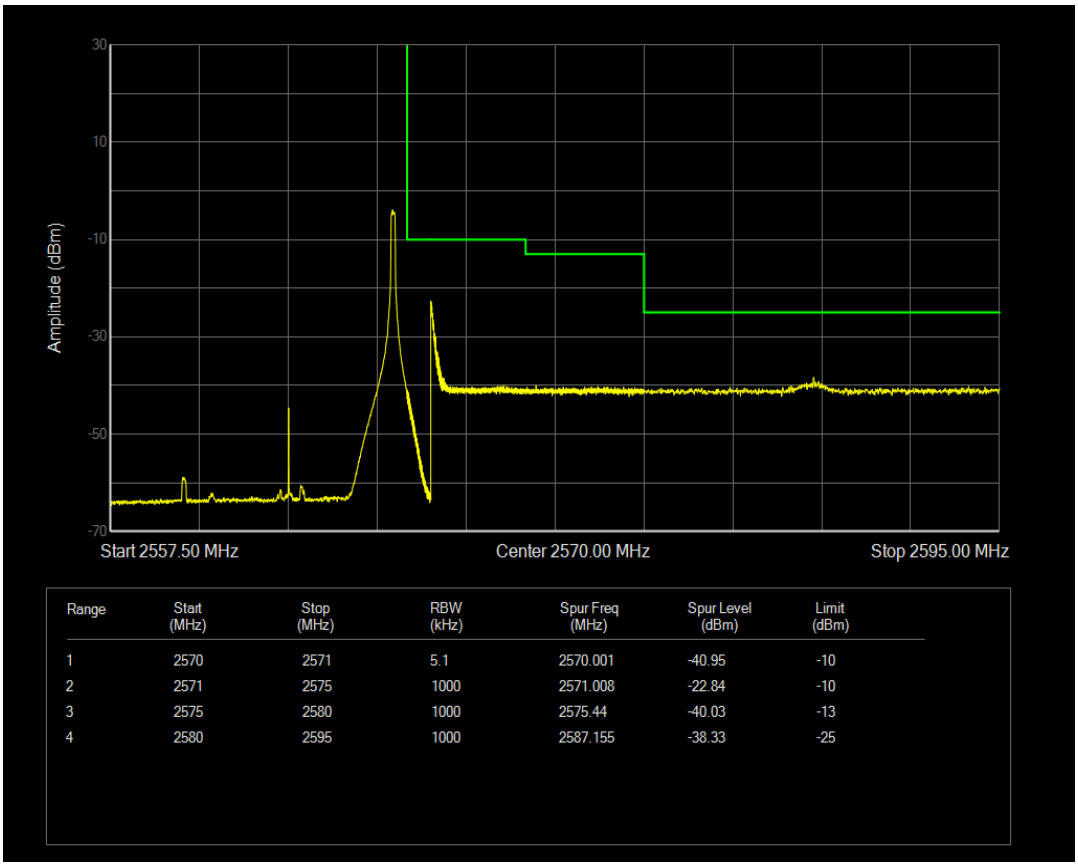
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.564	-62.93	-10
2	2571	2575	1000	2574.86	-40.27	-10
3	2575	2580	1000	2578.175	-30.38	-13
4	2580	2595	1000	2593.785	-40.36	-25

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



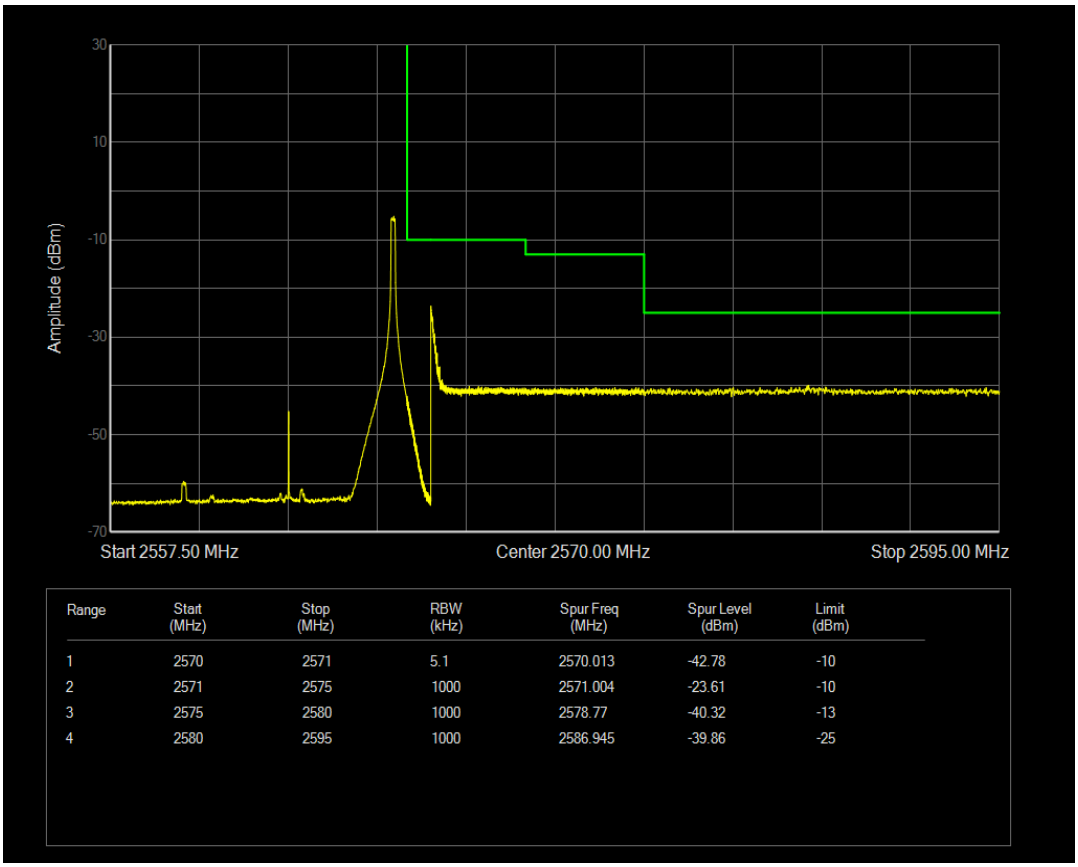
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.048	-33.65	-10
2	2571	2575	1000	2571.004	-28.68	-10
3	2575	2580	1000	2575.11	-33.19	-13
4	2580	2595	1000	2580.48	-40.03	-25

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



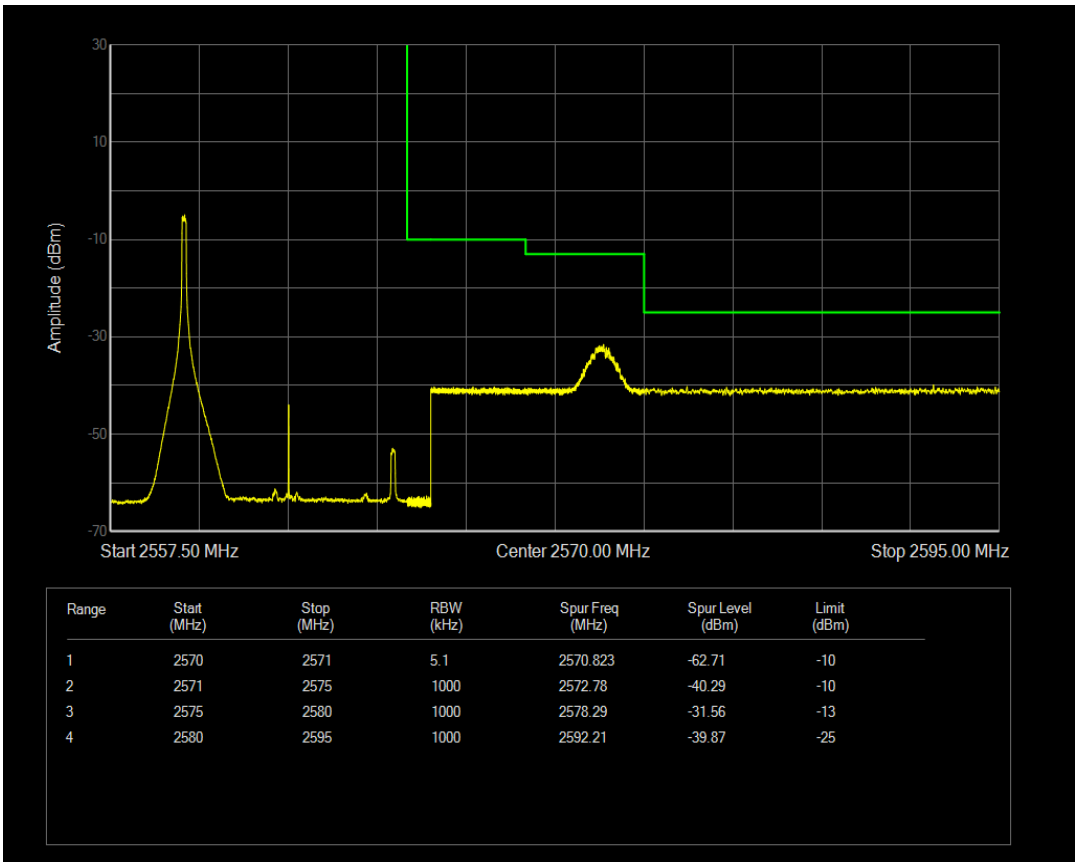
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.001	-40.95	-10
2	2571	2575	1000	2571.008	-22.84	-10
3	2575	2580	1000	2575.44	-40.03	-13
4	2580	2595	1000	2587.155	-38.33	-25

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



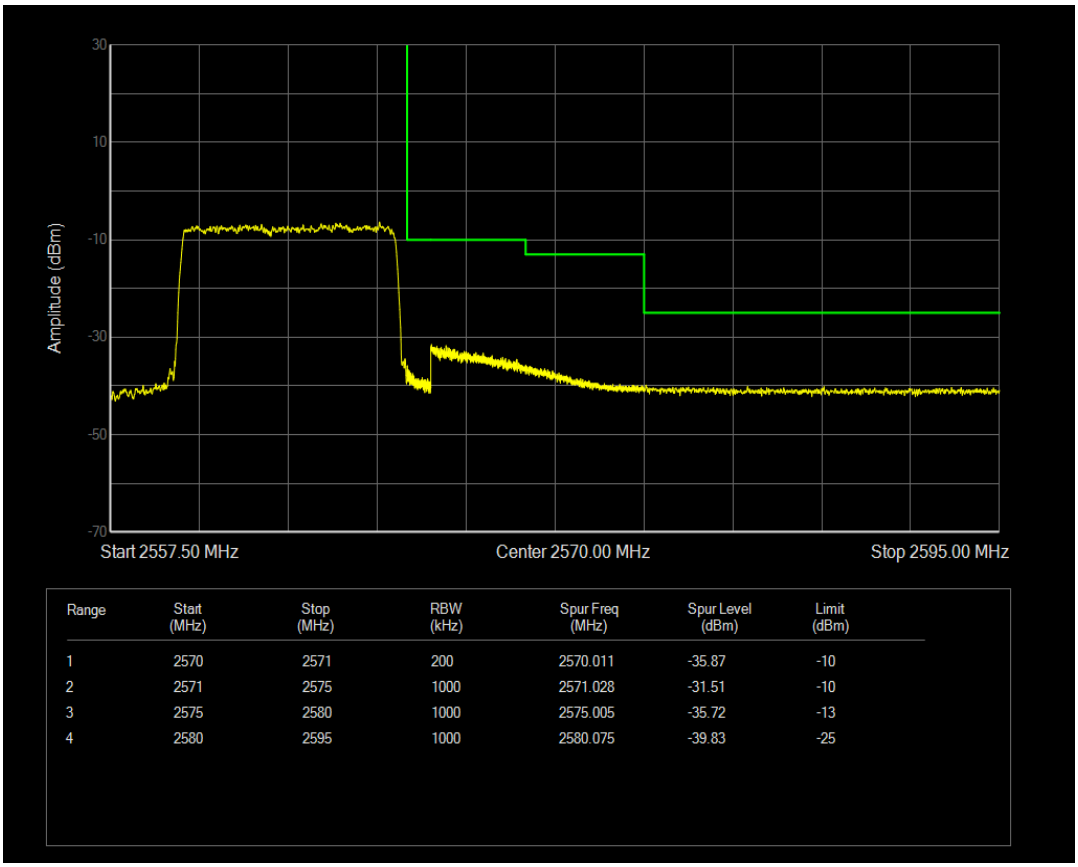
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.013	-42.78	-10
2	2571	2575	1000	2571.004	-23.61	-10
3	2575	2580	1000	2578.77	-40.32	-13
4	2580	2595	1000	2586.945	-39.86	-25

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



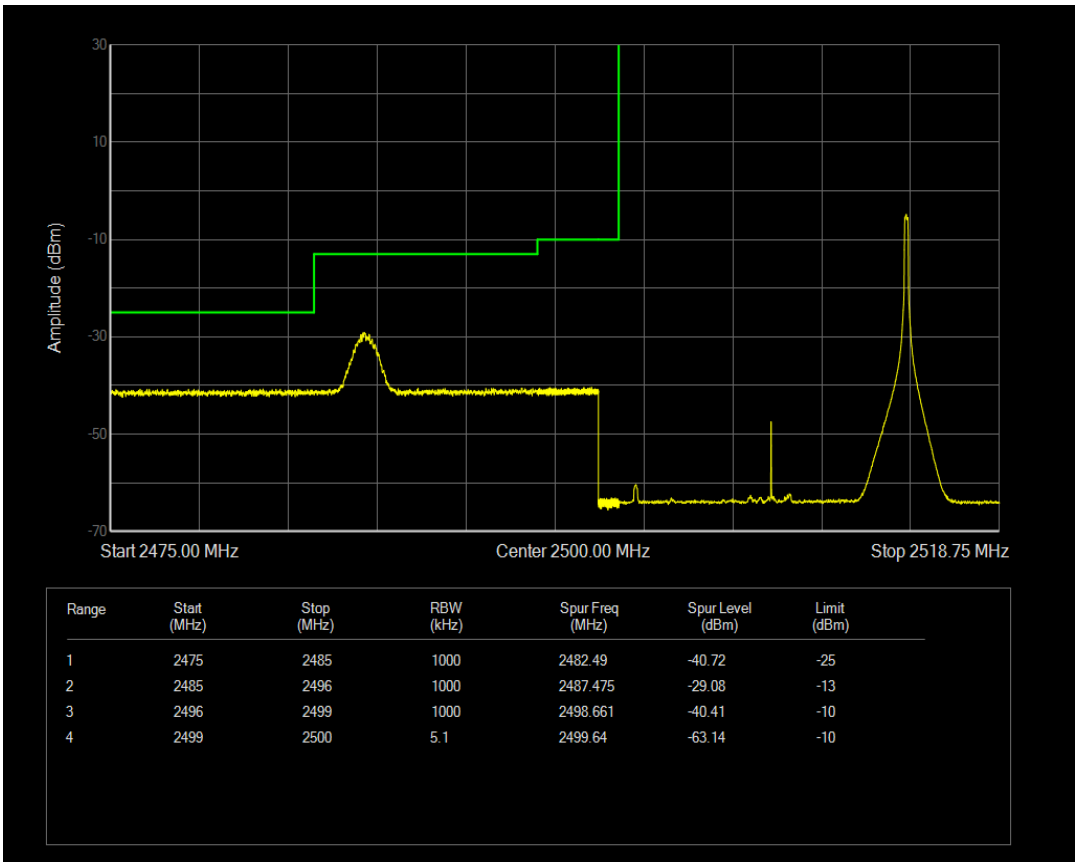
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.823	-62.71	-10
2	2571	2575	1000	2572.78	-40.29	-10
3	2575	2580	1000	2578.29	-31.56	-13
4	2580	2595	1000	2592.21	-39.87	-25

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



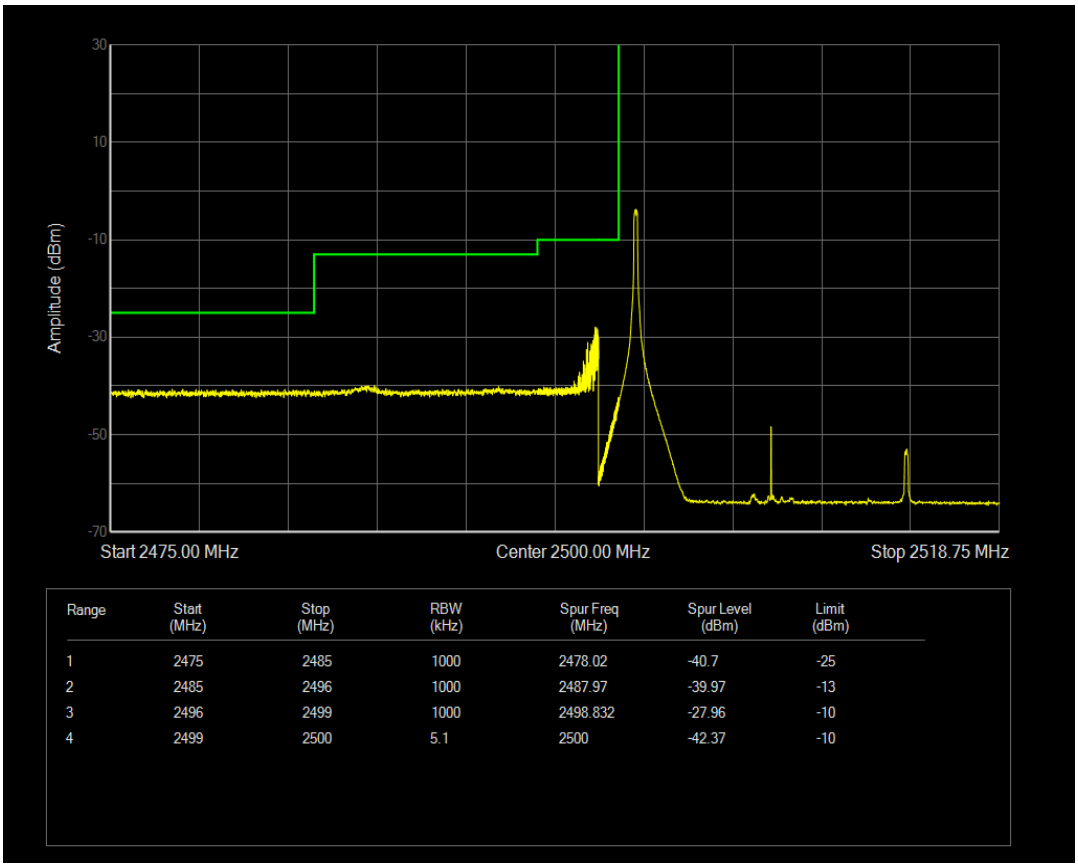
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.011	-35.87	-10
2	2571	2575	1000	2571.028	-31.51	-10
3	2575	2580	1000	2575.005	-35.72	-13
4	2580	2595	1000	2580.075	-39.83	-25

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



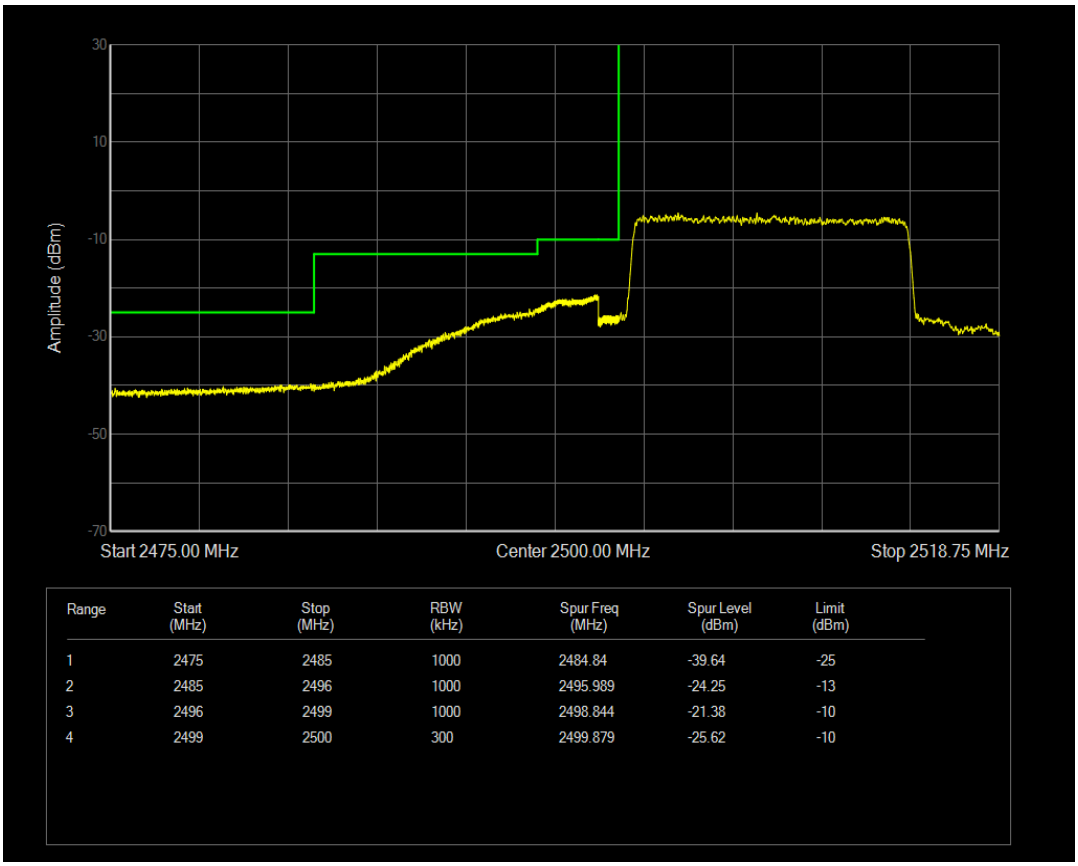
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2482.49	-40.72	-25
2	2485	2496	1000	2487.475	-29.08	-13
3	2496	2499	1000	2498.661	-40.41	-10
4	2499	2500	5.1	2499.64	-63.14	-10

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



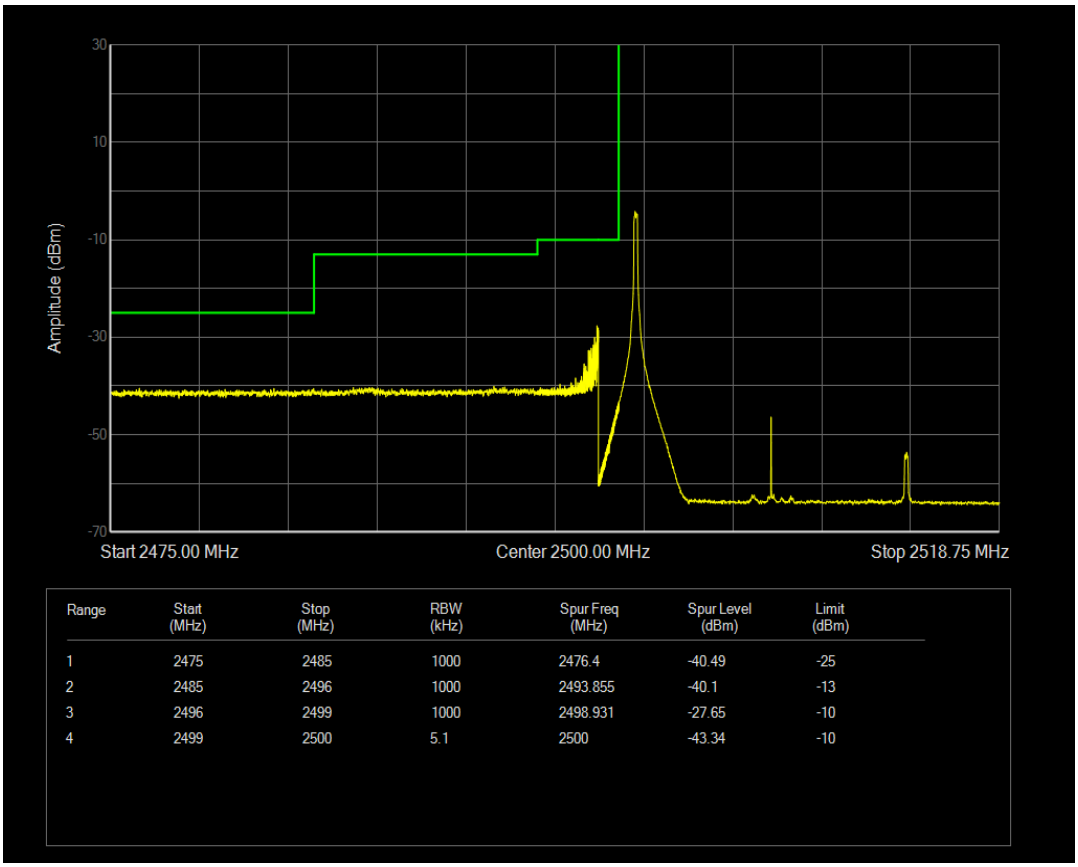
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2478.02	-40.7	-25
2	2485	2496	1000	2487.97	-39.97	-13
3	2496	2499	1000	2498.832	-27.96	-10
4	2499	2500	5.1	2500	-42.37	-10

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



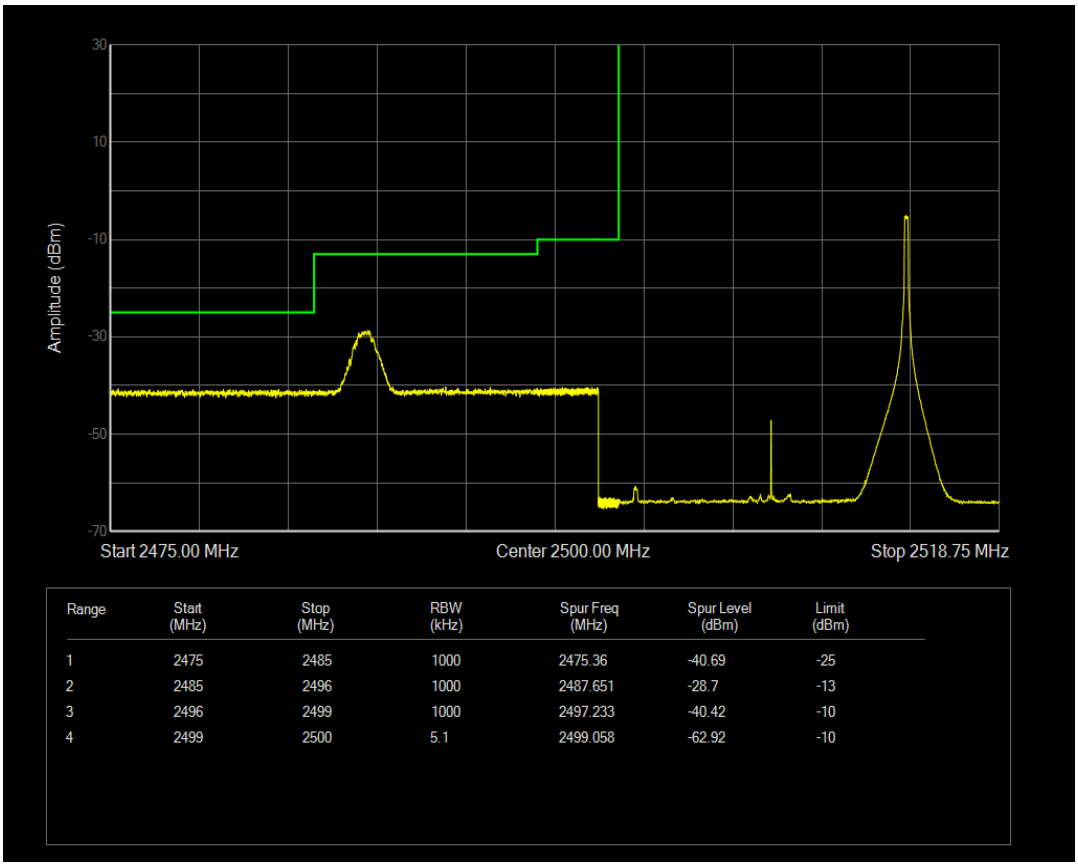
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.84	-39.64	-25
2	2485	2496	1000	2495.989	-24.25	-13
3	2496	2499	1000	2498.844	-21.38	-10
4	2499	2500	300	2499.879	-25.62	-10

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



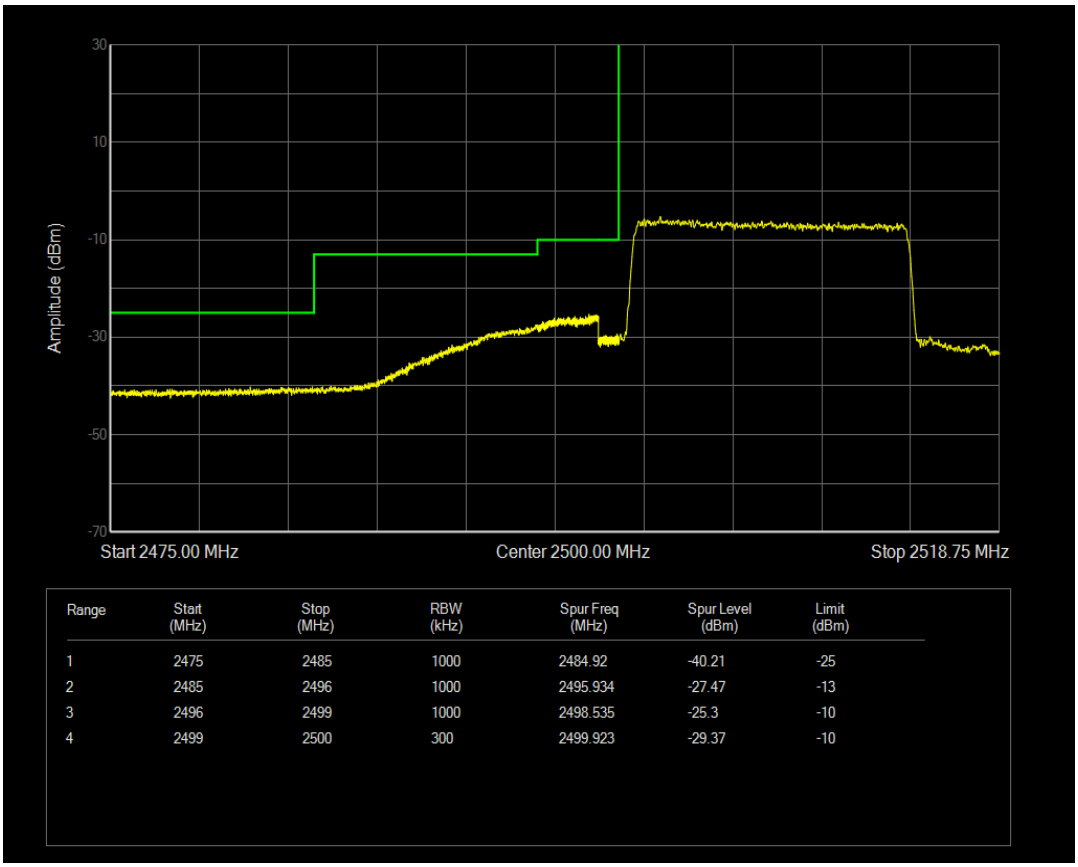
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2476.4	-40.49	-25
2	2485	2496	1000	2493.855	-40.1	-13
3	2496	2499	1000	2498.931	-27.65	-10
4	2499	2500	5.1	2500	-43.34	-10

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



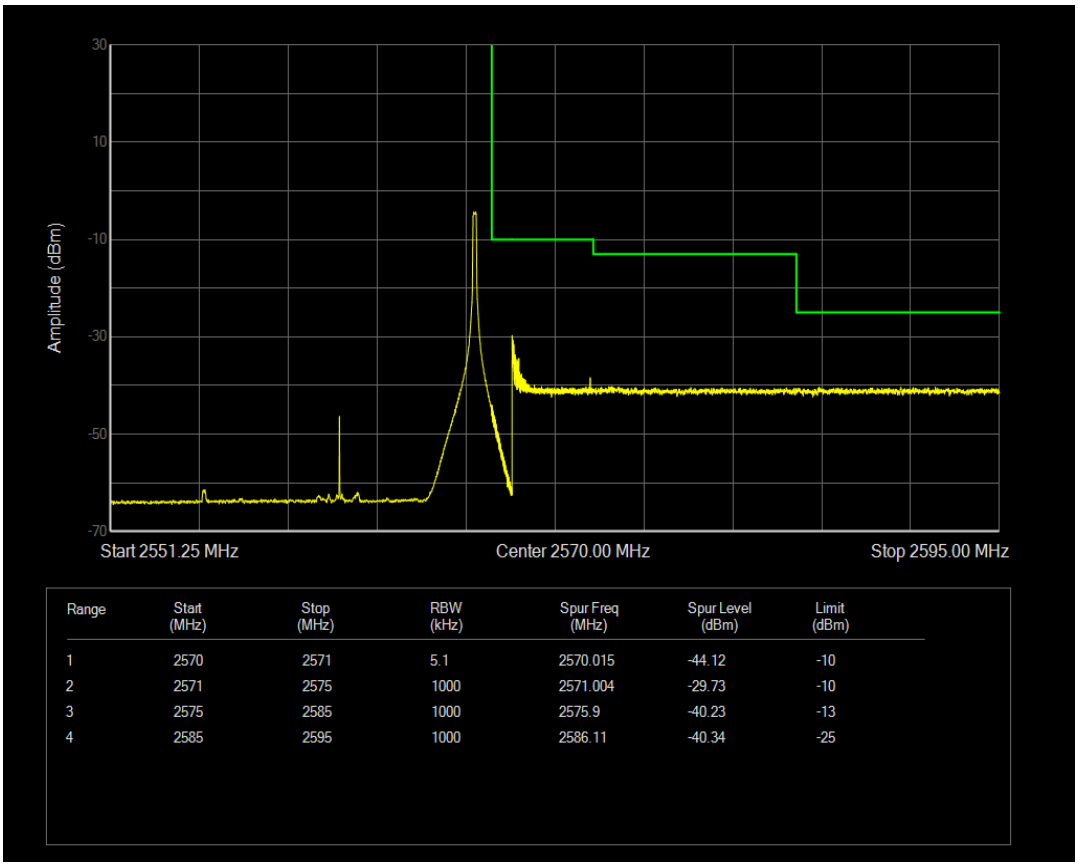
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2475.36	-40.69	-25
2	2485	2496	1000	2487.651	-28.7	-13
3	2496	2499	1000	2497.233	-40.42	-10
4	2499	2500	5.1	2499.058	-62.92	-10

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



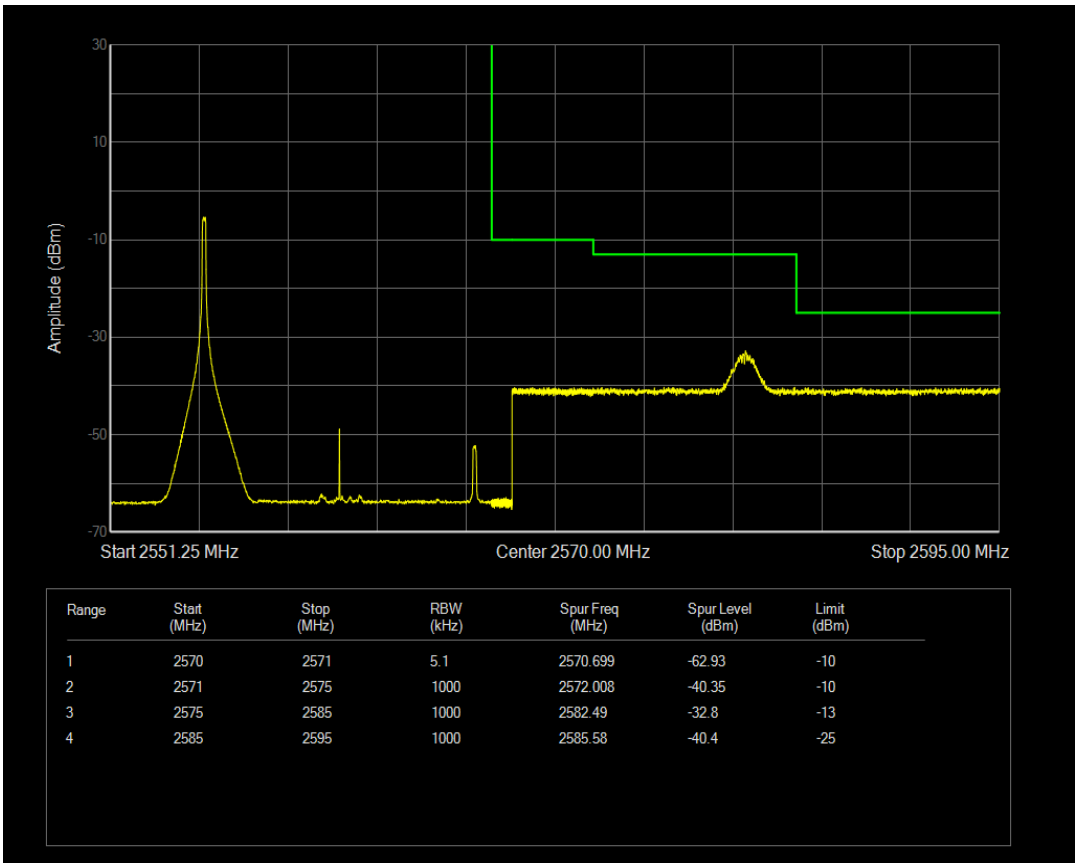
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.92	-40.21	-25
2	2485	2496	1000	2495.934	-27.47	-13
3	2496	2499	1000	2498.535	-25.3	-10
4	2499	2500	300	2499.923	-29.37	-10

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



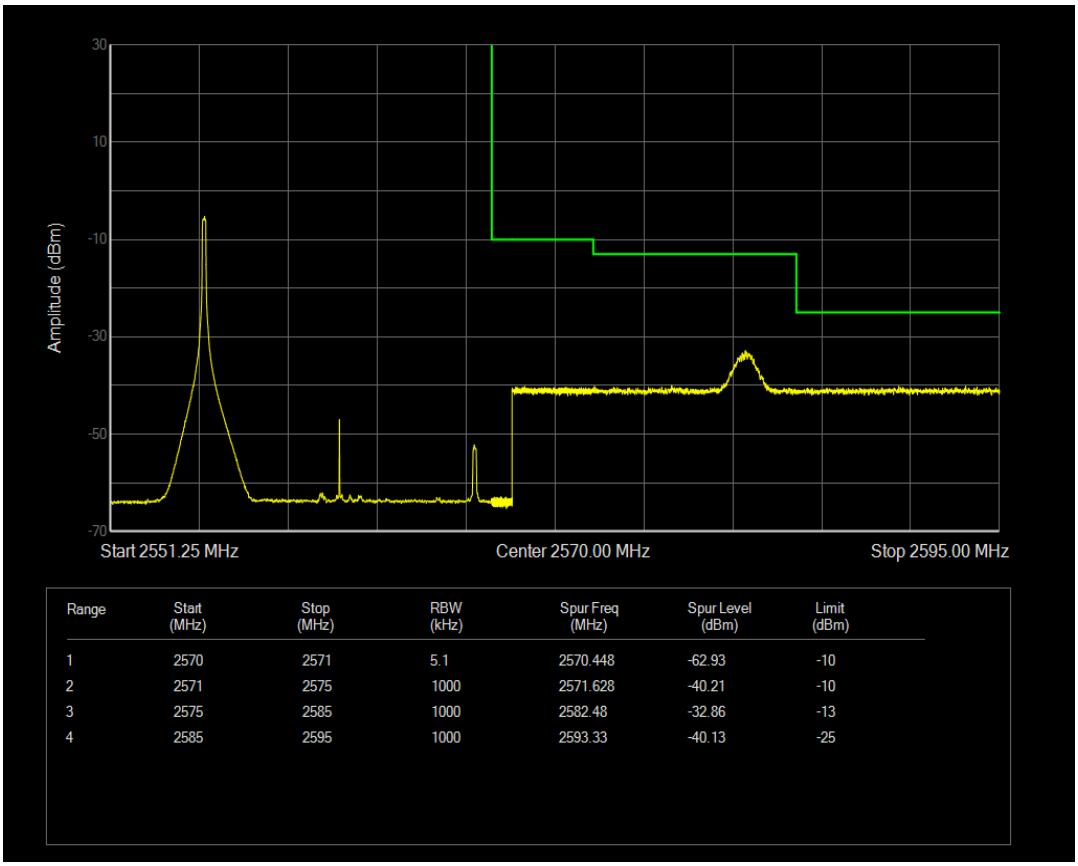
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.015	-44.12	-10
2	2571	2575	1000	2571.004	-29.73	-10
3	2575	2585	1000	2575.9	-40.23	-13
4	2585	2595	1000	2586.11	-40.34	-25

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



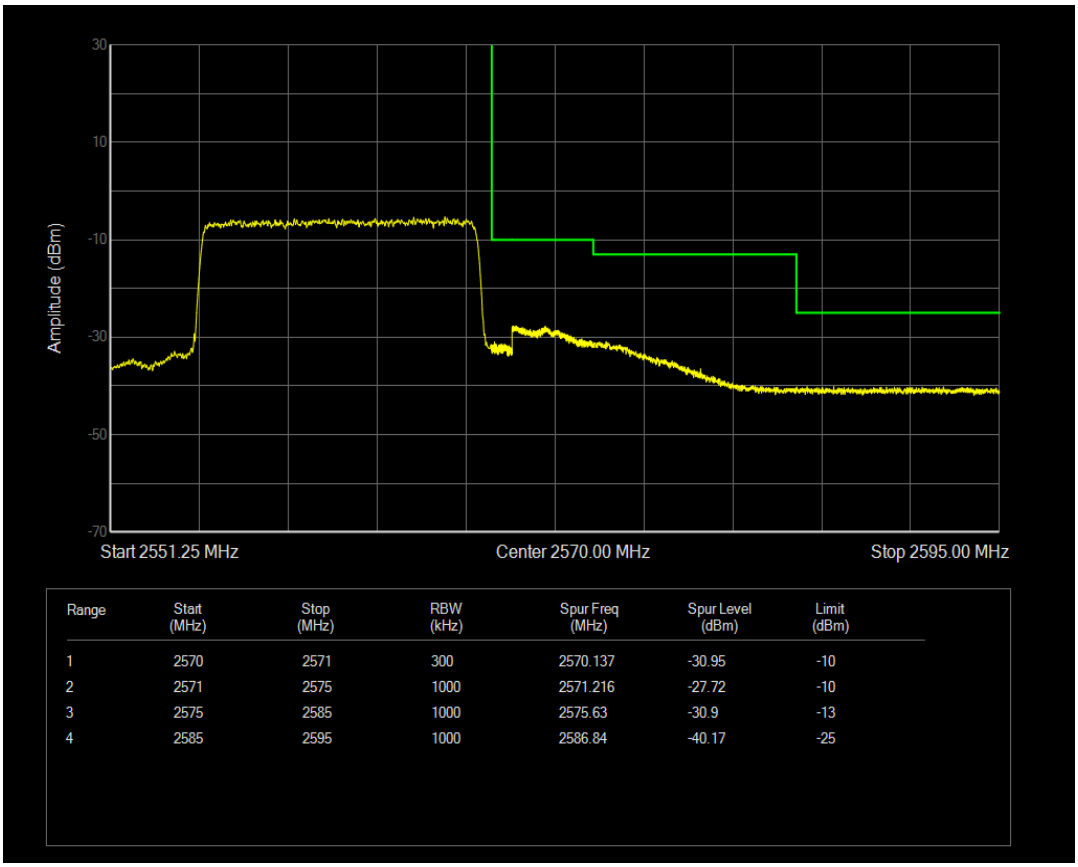
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.699	-62.93	-10
2	2571	2575	1000	2572.008	-40.35	-10
3	2575	2585	1000	2582.49	-32.8	-13
4	2585	2595	1000	2585.58	-40.4	-25

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



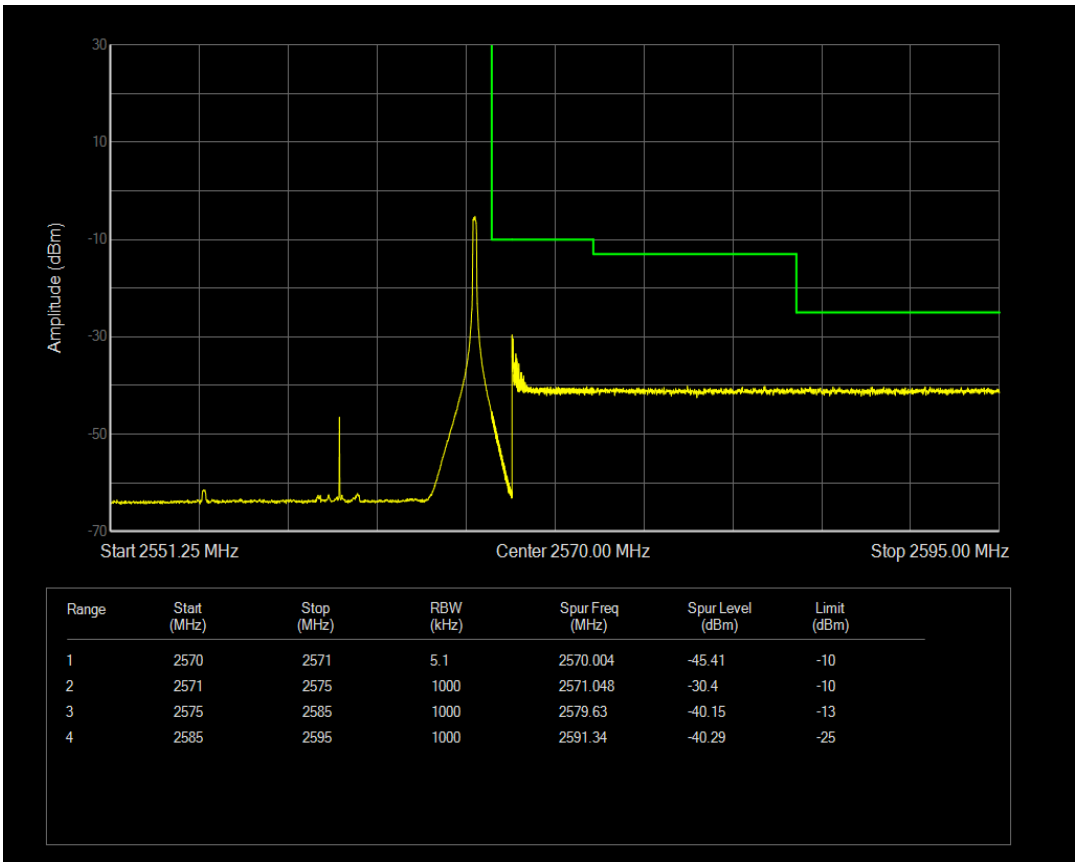
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.448	-62.93	-10
2	2571	2575	1000	2571.628	-40.21	-10
3	2575	2585	1000	2582.48	-32.86	-13
4	2585	2595	1000	2593.33	-40.13	-25

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



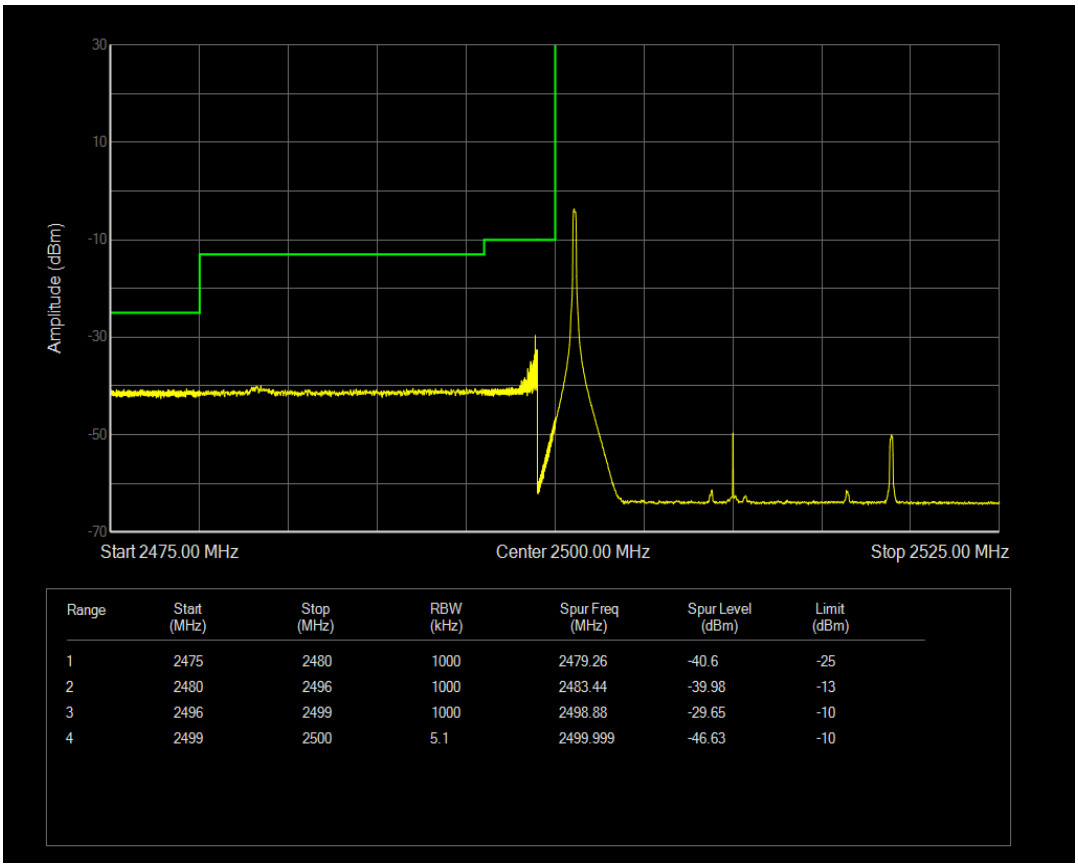
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.137	-30.95	-10
2	2571	2575	1000	2571.216	-27.72	-10
3	2575	2585	1000	2575.63	-30.9	-13
4	2585	2595	1000	2586.84	-40.17	-25

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



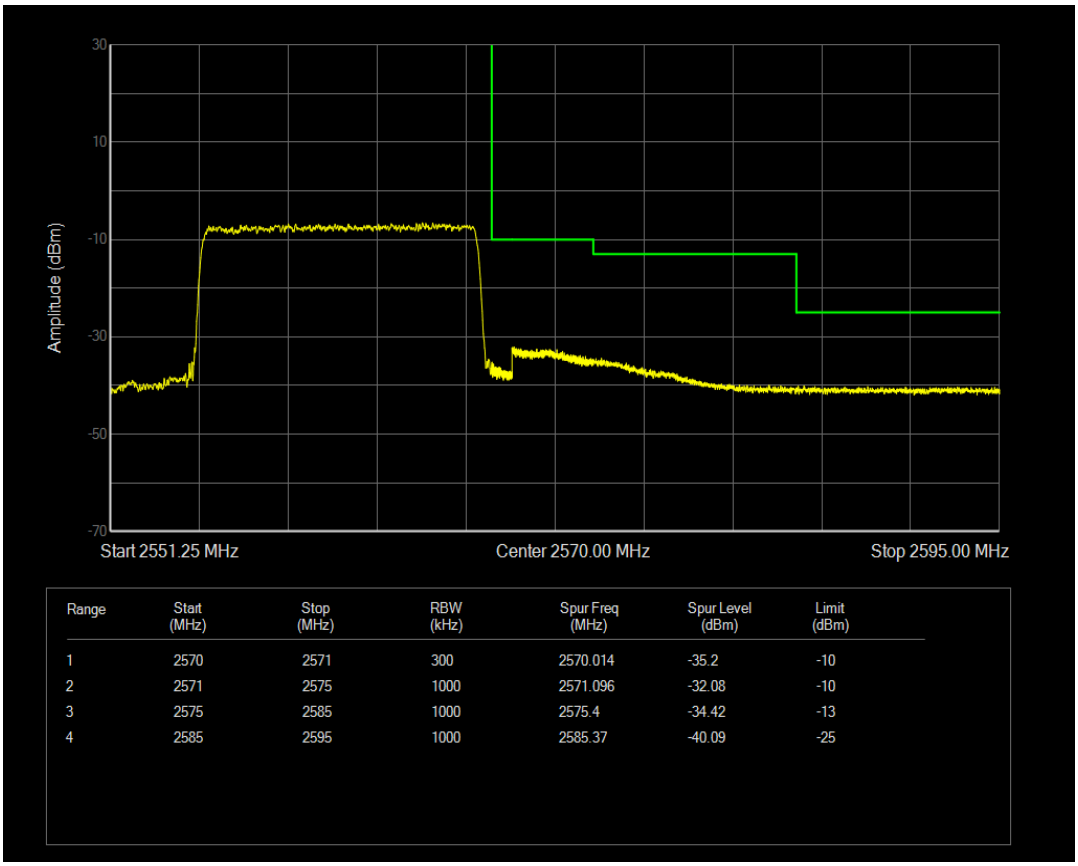
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.004	-45.41	-10
2	2571	2575	1000	2571.048	-30.4	-10
3	2575	2585	1000	2579.63	-40.15	-13
4	2585	2595	1000	2591.34	-40.29	-25

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



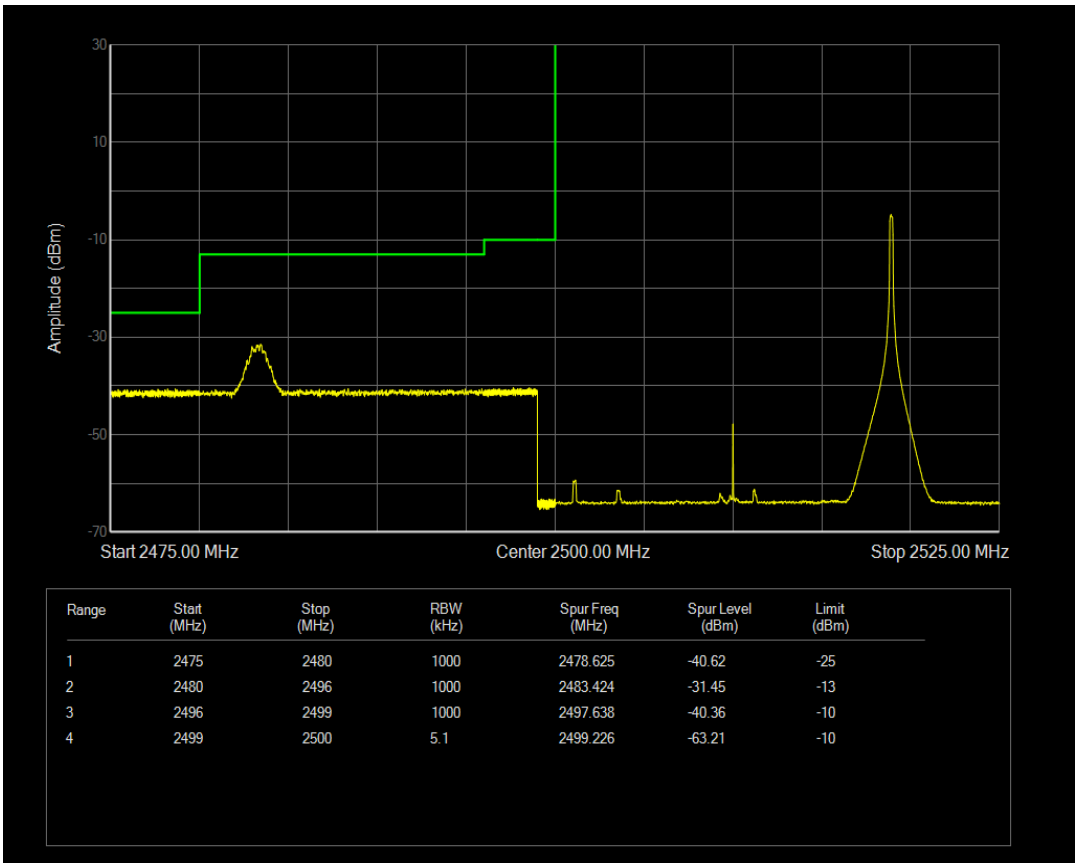
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.26	-40.6	-25
2	2480	2496	1000	2483.44	-39.98	-13
3	2496	2499	1000	2498.88	-29.65	-10
4	2499	2500	5.1	2499.999	-46.63	-10

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



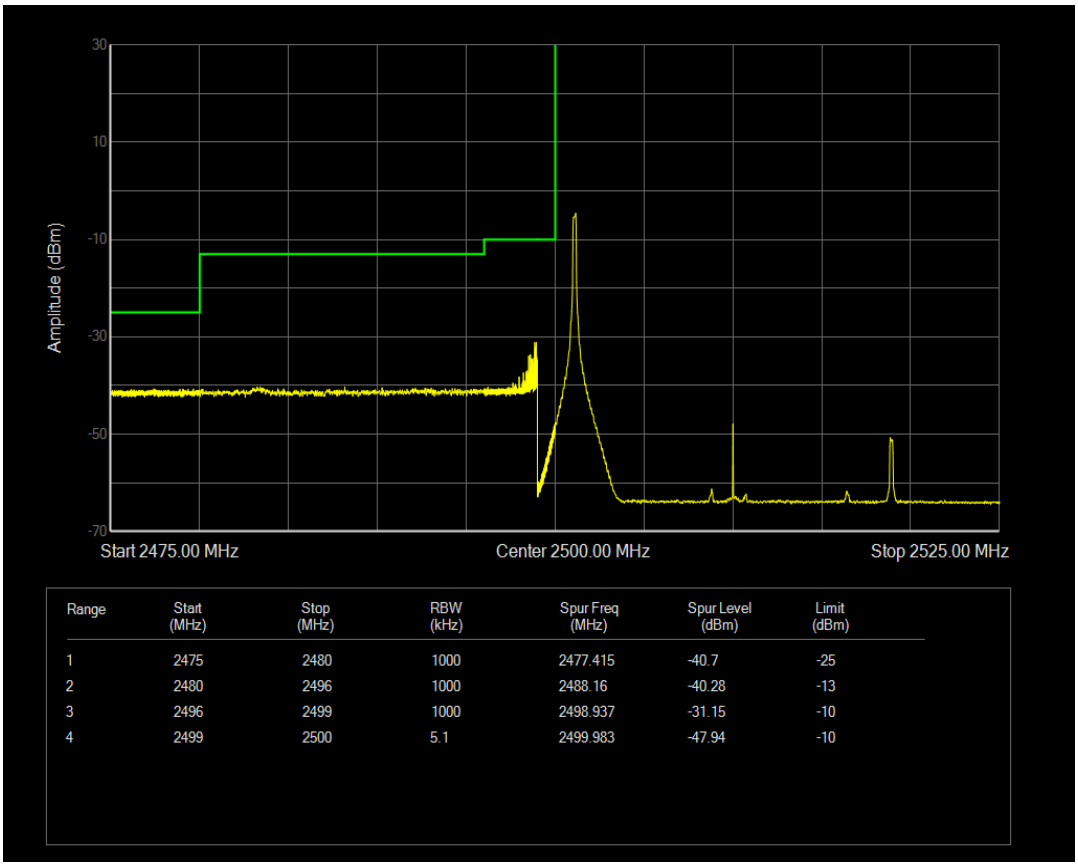
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.014	-35.2	-10
2	2571	2575	1000	2571.096	-32.08	-10
3	2575	2585	1000	2575.4	-34.42	-13
4	2585	2595	1000	2585.37	-40.09	-25

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



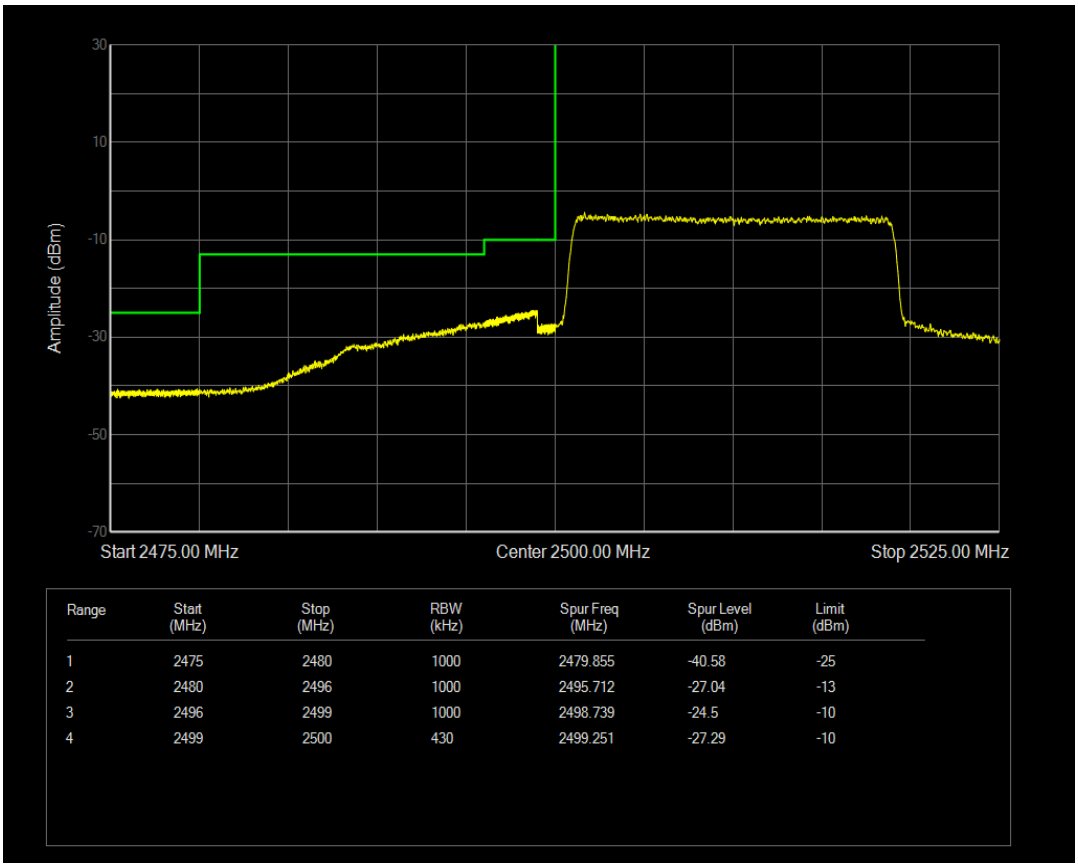
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2478.625	-40.62	-25
2	2480	2496	1000	2483.424	-31.45	-13
3	2496	2499	1000	2497.638	-40.36	-10
4	2499	2500	5.1	2499.226	-63.21	-10

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



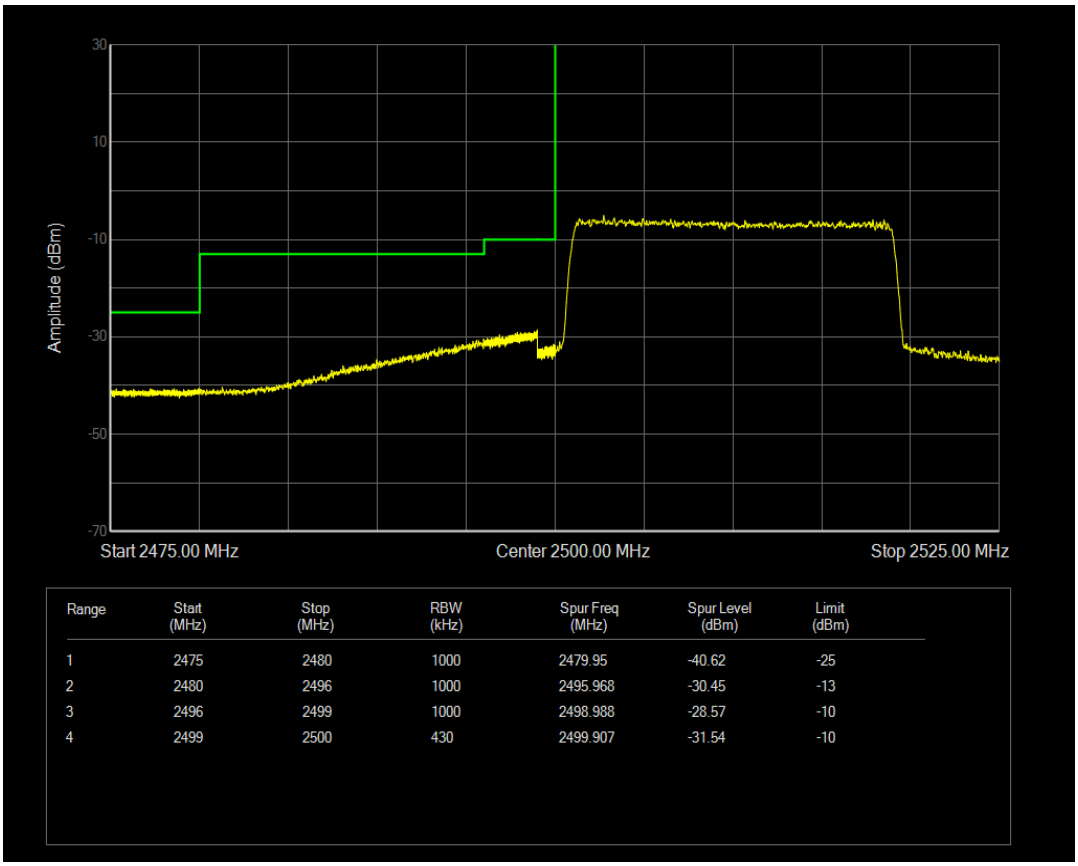
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2477.415	-40.7	-25
2	2480	2496	1000	2488.16	-40.28	-13
3	2496	2499	1000	2498.937	-31.15	-10
4	2499	2500	5.1	2499.983	-47.94	-10

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



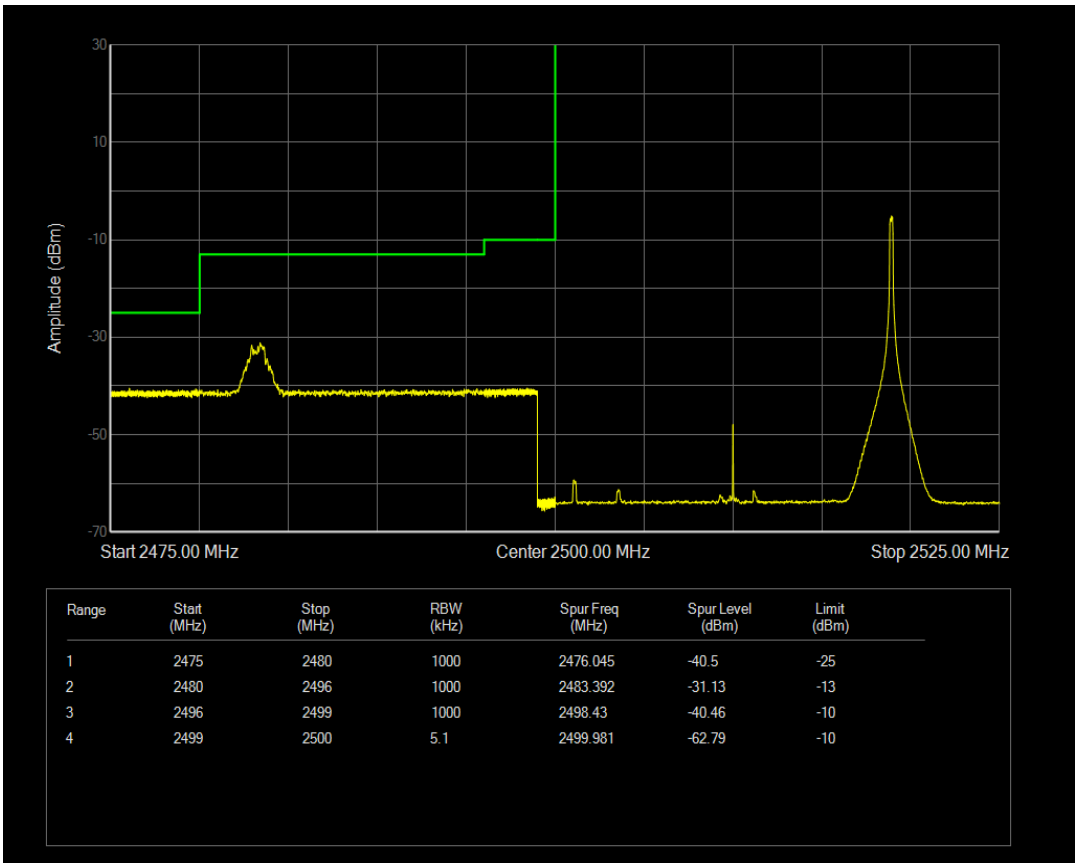
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.855	-40.58	-25
2	2480	2496	1000	2495.712	-27.04	-13
3	2496	2499	1000	2498.739	-24.5	-10
4	2499	2500	430	2499.251	-27.29	-10

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



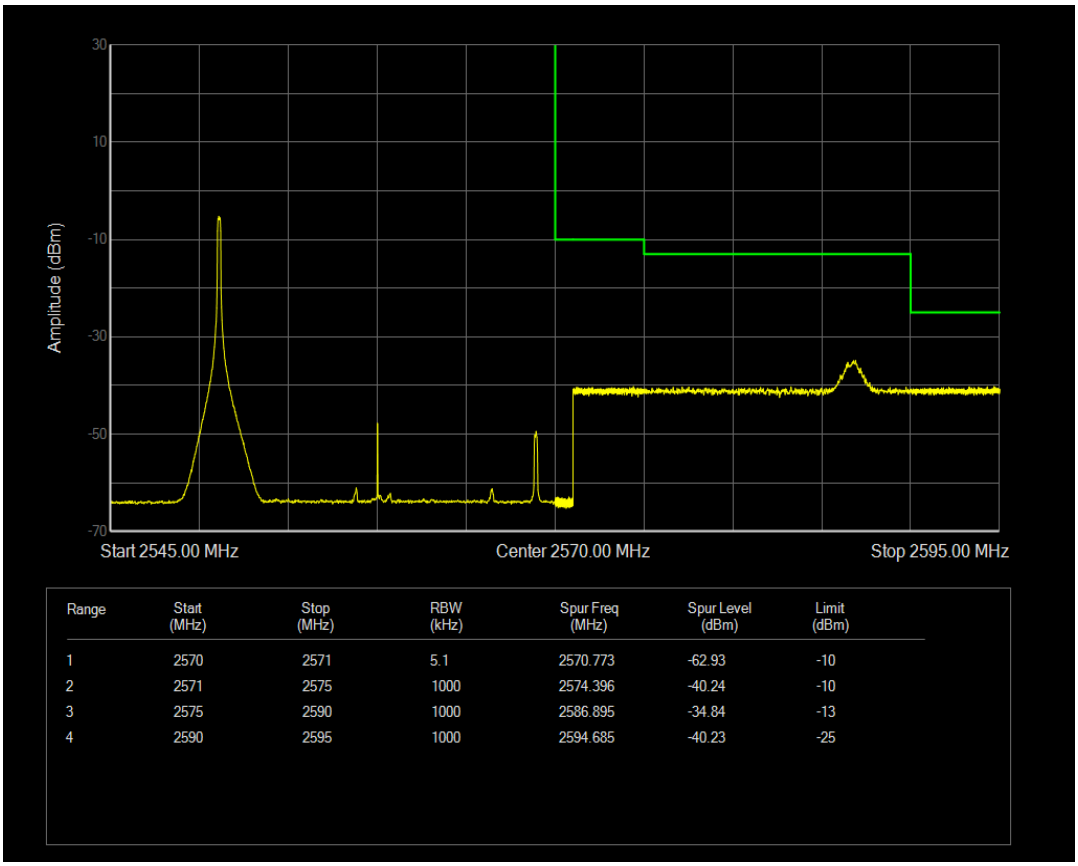
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.95	-40.62	-25
2	2480	2496	1000	2495.968	-30.45	-13
3	2496	2499	1000	2498.988	-28.57	-10
4	2499	2500	430	2499.907	-31.54	-10

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



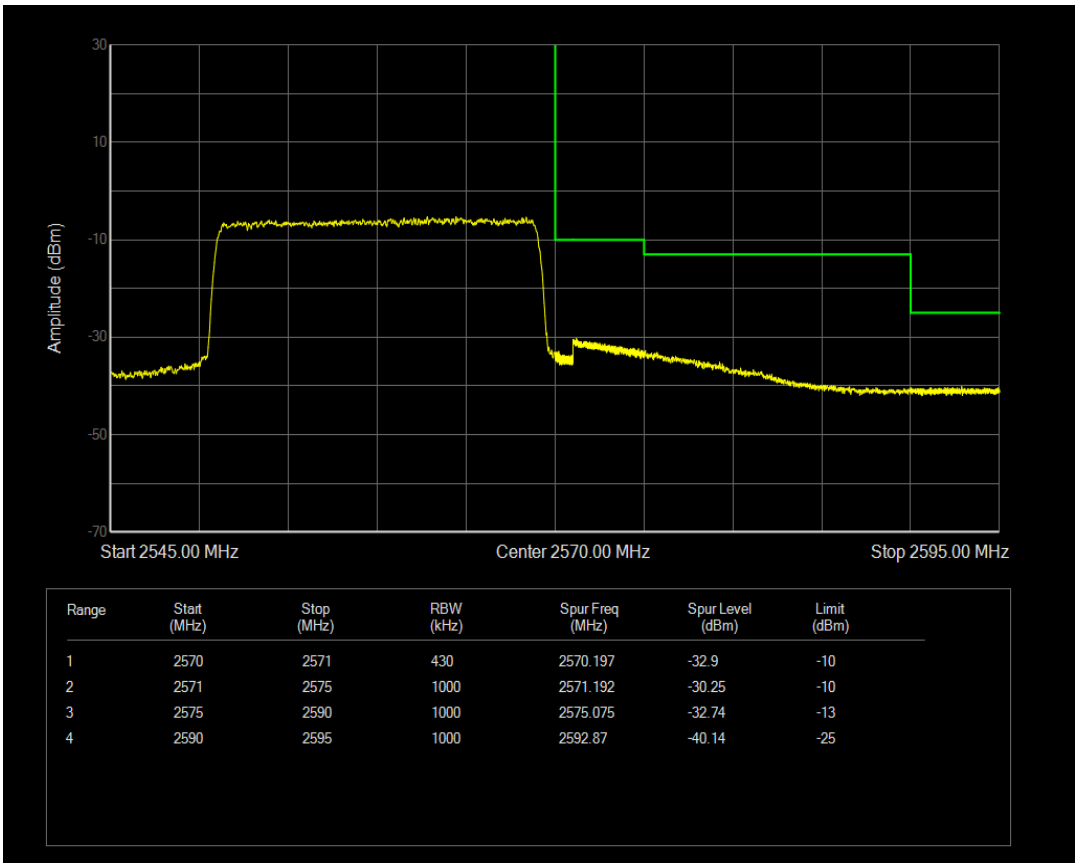
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2476.045	-40.5	-25
2	2480	2496	1000	2483.392	-31.13	-13
3	2496	2499	1000	2498.43	-40.46	-10
4	2499	2500	5.1	2499.981	-62.79	-10

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



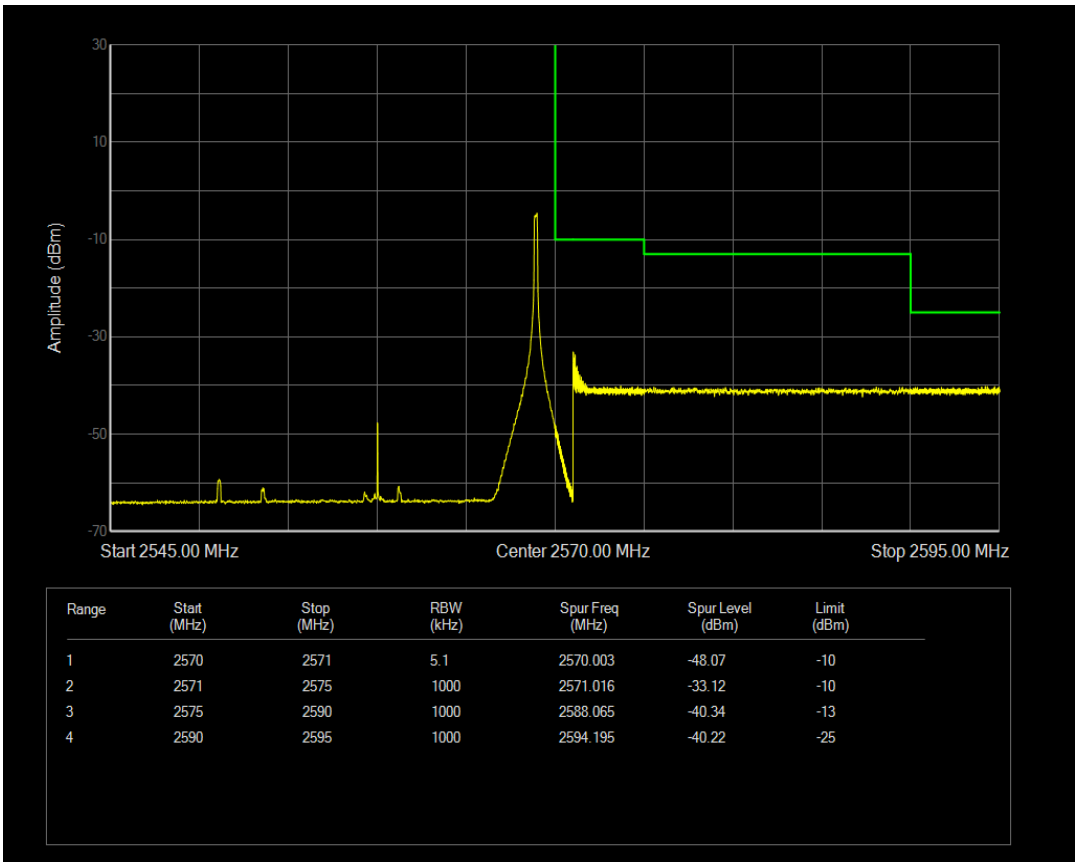
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.773	-62.93	-10
2	2571	2575	1000	2574.396	-40.24	-10
3	2575	2590	1000	2586.895	-34.84	-13
4	2590	2595	1000	2594.685	-40.23	-25

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



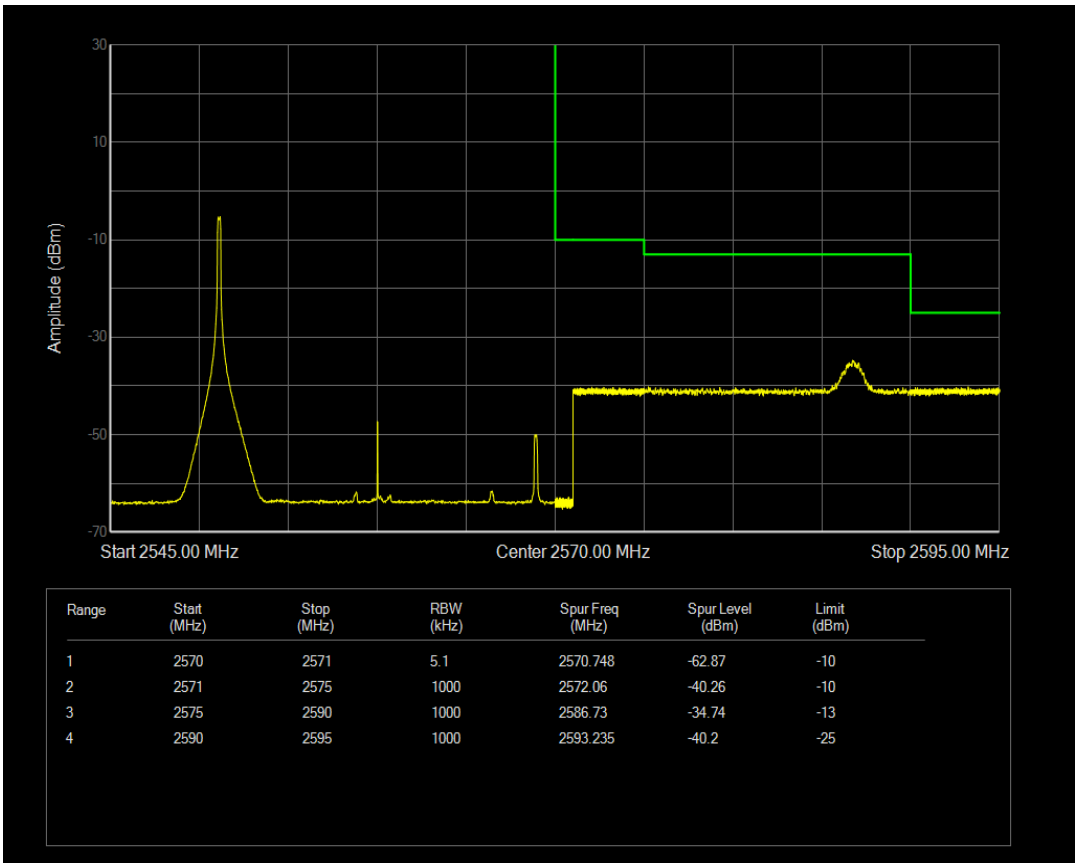
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.197	-32.9	-10
2	2571	2575	1000	2571.192	-30.25	-10
3	2575	2590	1000	2575.075	-32.74	-13
4	2590	2595	1000	2592.87	-40.14	-25

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



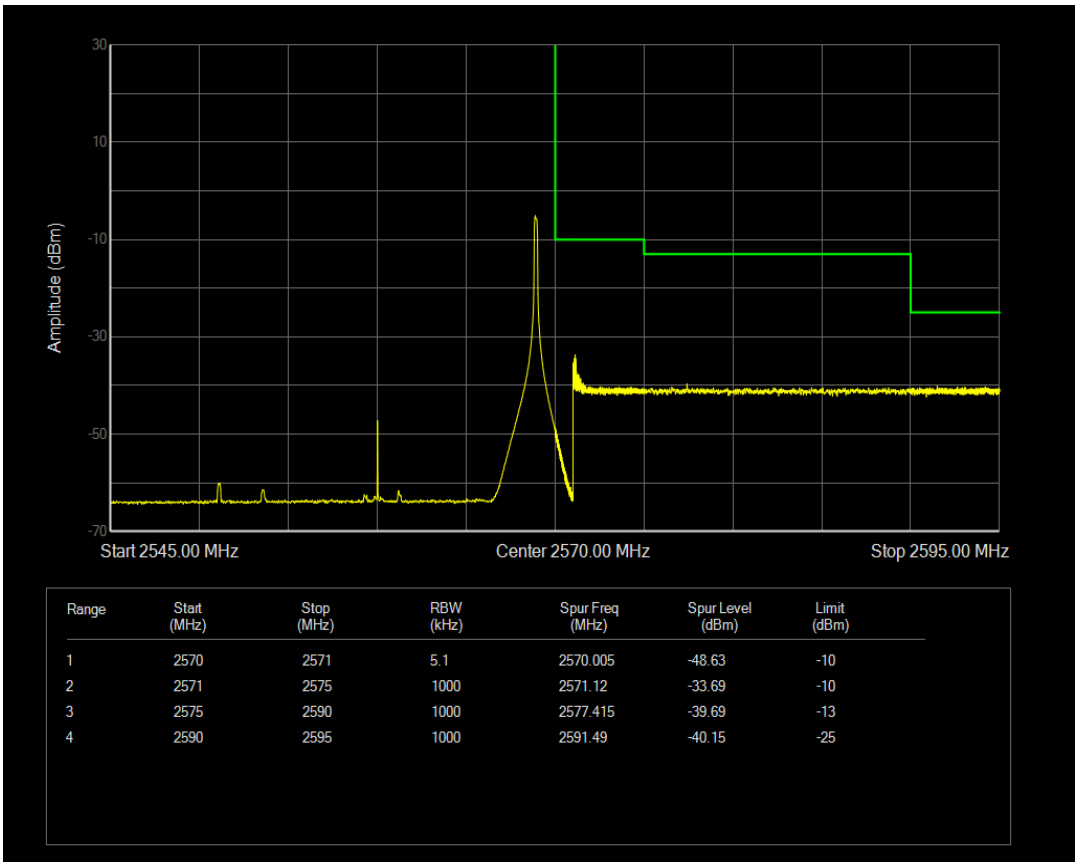
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.003	-48.07	-10
2	2571	2575	1000	2571.016	-33.12	-10
3	2575	2590	1000	2588.065	-40.34	-13
4	2590	2595	1000	2594.195	-40.22	-25

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



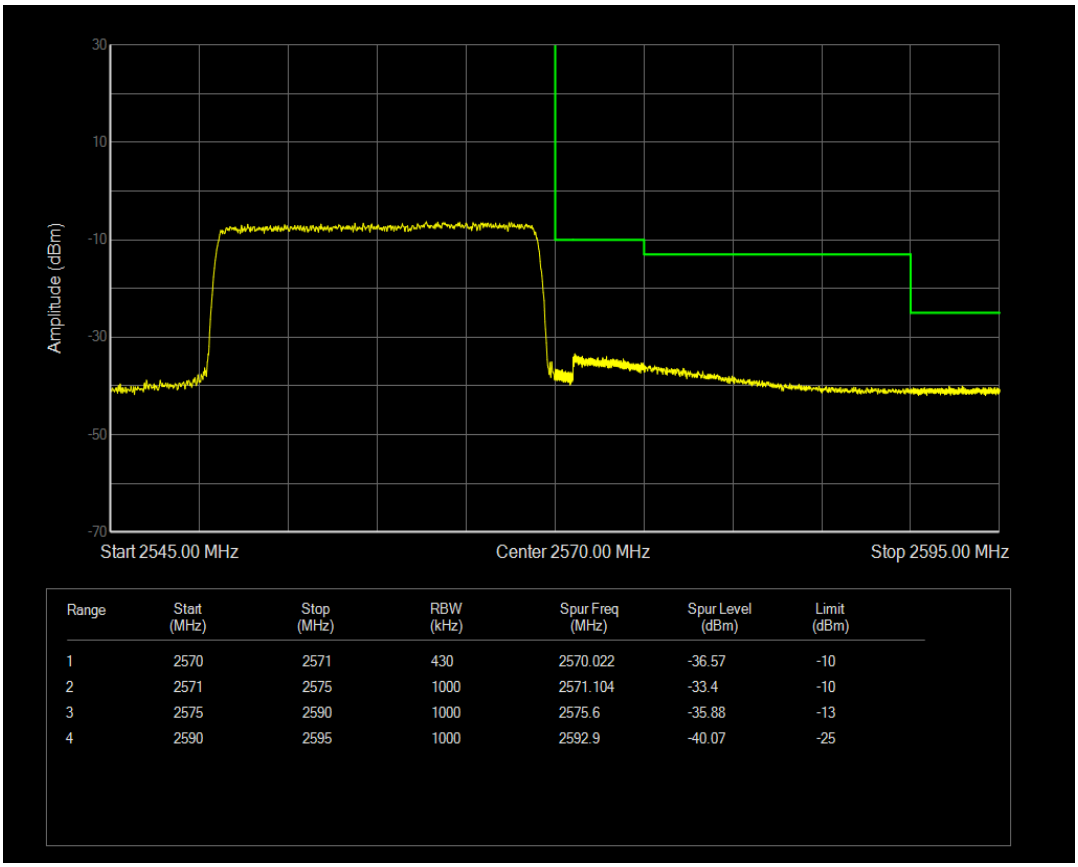
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.748	-62.87	-10
2	2571	2575	1000	2572.06	-40.26	-10
3	2575	2590	1000	2586.73	-34.74	-13
4	2590	2595	1000	2593.235	-40.2	-25

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



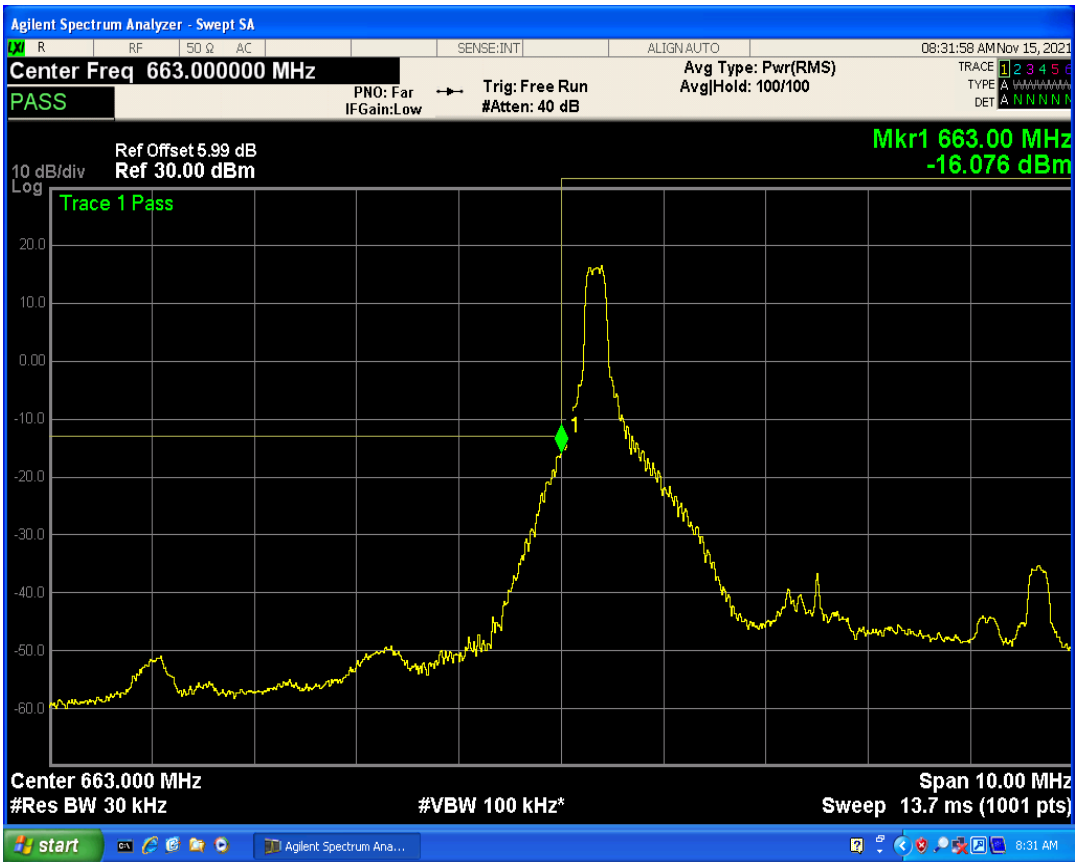
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	5.1	2570.005	-48.63	-10
2	2571	2575	1000	2571.12	-33.69	-10
3	2575	2590	1000	2577.415	-39.69	-13
4	2590	2595	1000	2591.49	-40.15	-25

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



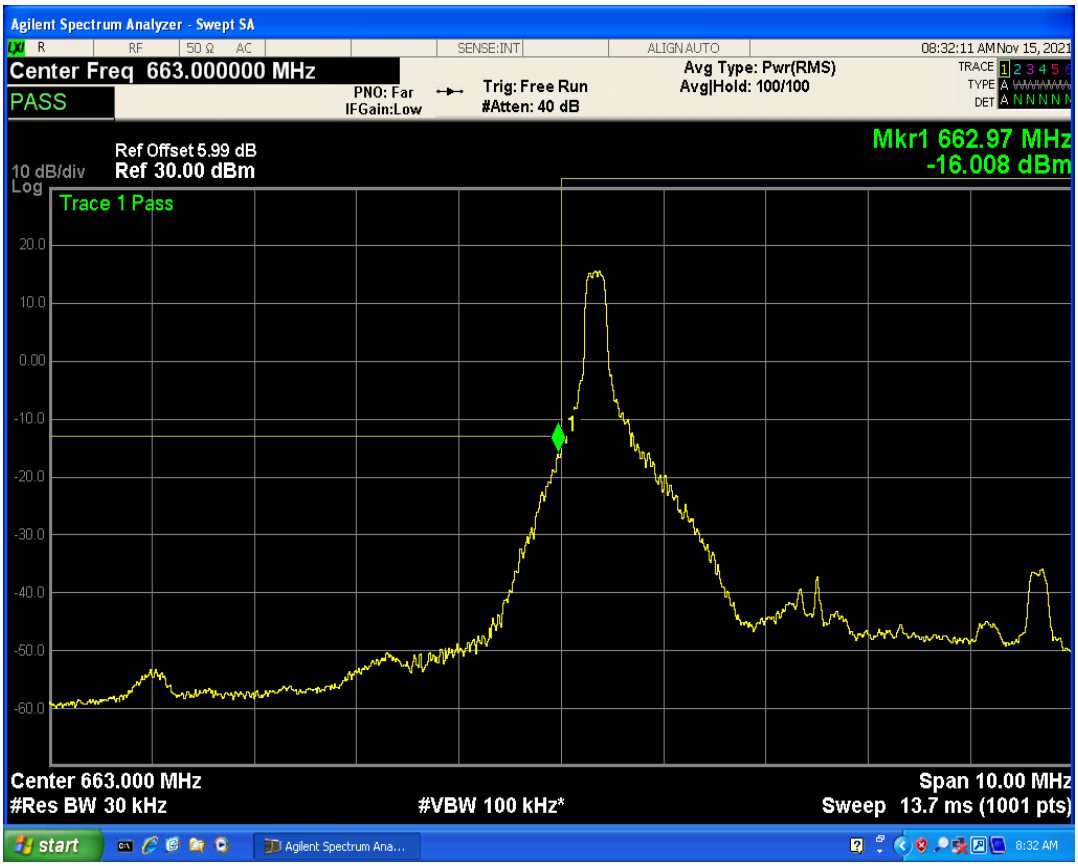
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.022	-36.57	-10
2	2571	2575	1000	2571.104	-33.4	-10
3	2575	2590	1000	2575.6	-35.88	-13
4	2590	2595	1000	2592.9	-40.07	-25

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

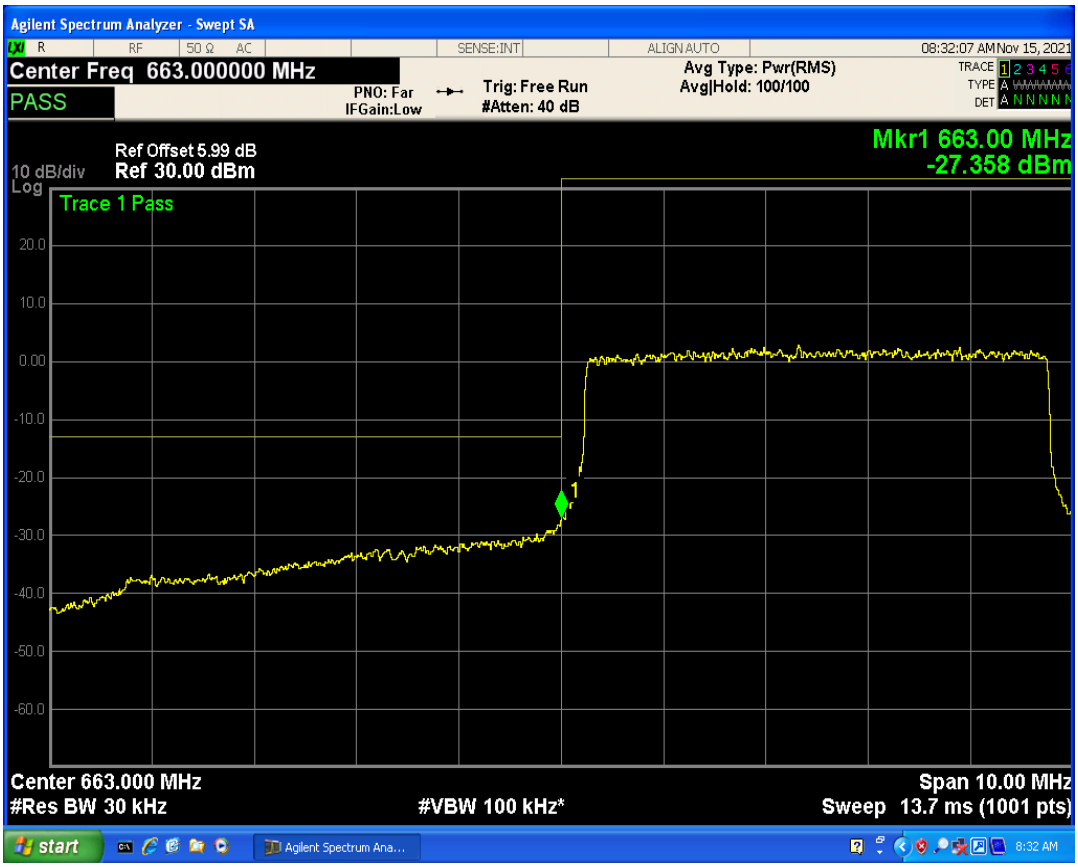


Band71 QPSK BW=5MHz Channel=133147 RB Size=1 Position=#Max

Band71 QAM16 BW=5MHz Channel=133147 RB Size=1 Position=#0

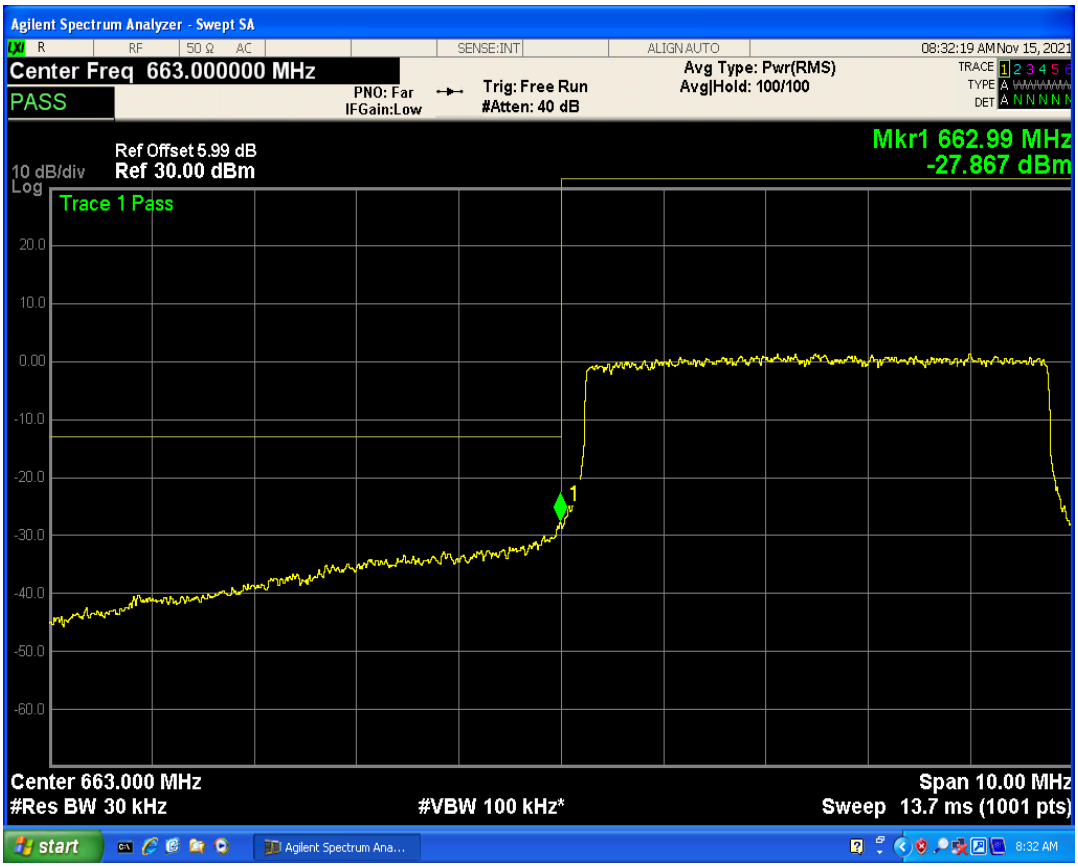


Band71 QPSK BW=5MHz Channel=133147 RB Size=25 Position=#0



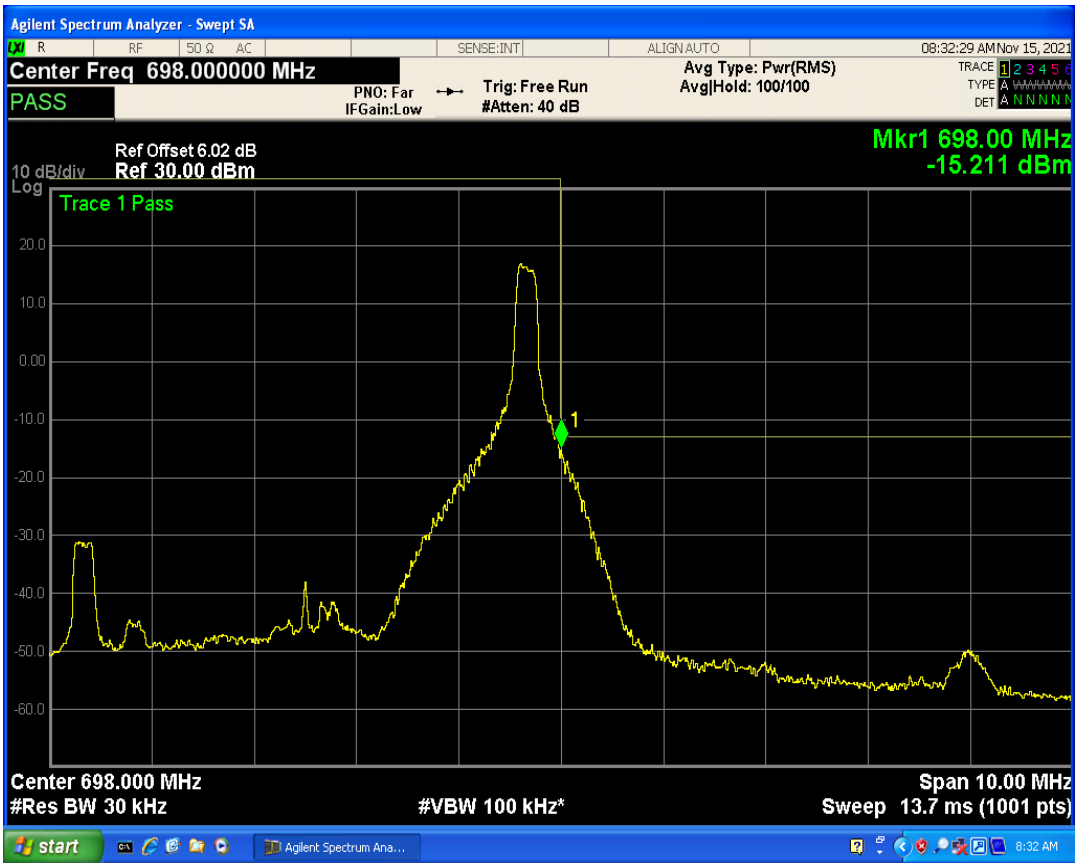
Band71 QAM16 BW=5MHz Channel=133147 RB Size=1 Position=#Max

Band71 QAM16 BW=5MHz Channel=133147 RB Size=25 Position=#0



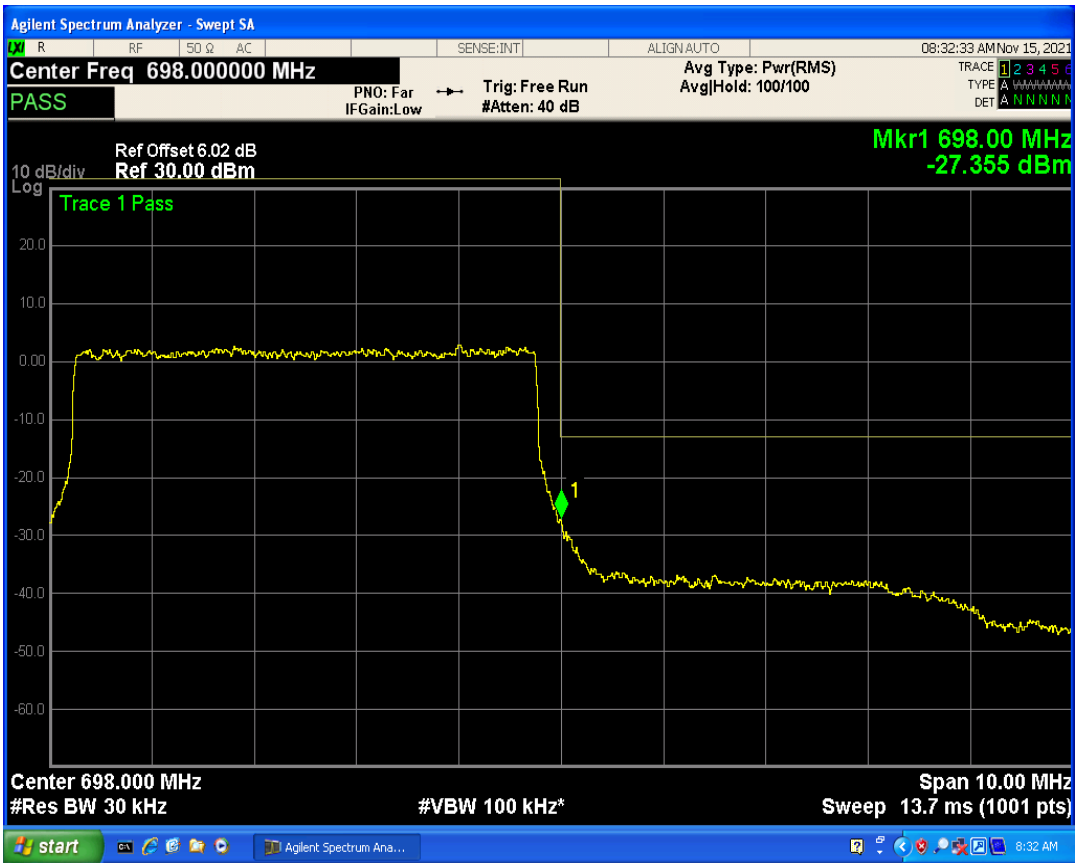
Band71 QPSK BW=5MHz Channel=133447 RB Size=1 Position=#0

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

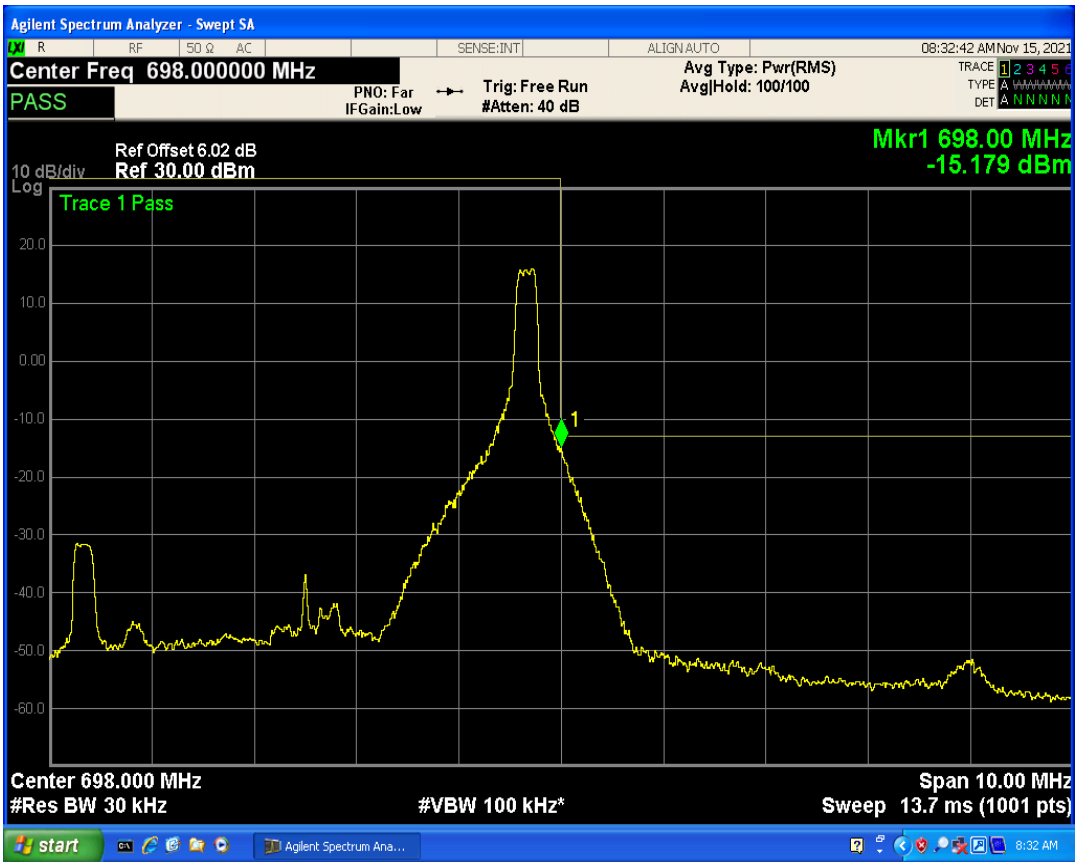


Band71 QAM16 BW=5MHz Channel=133447 RB Size=1 Position=#0

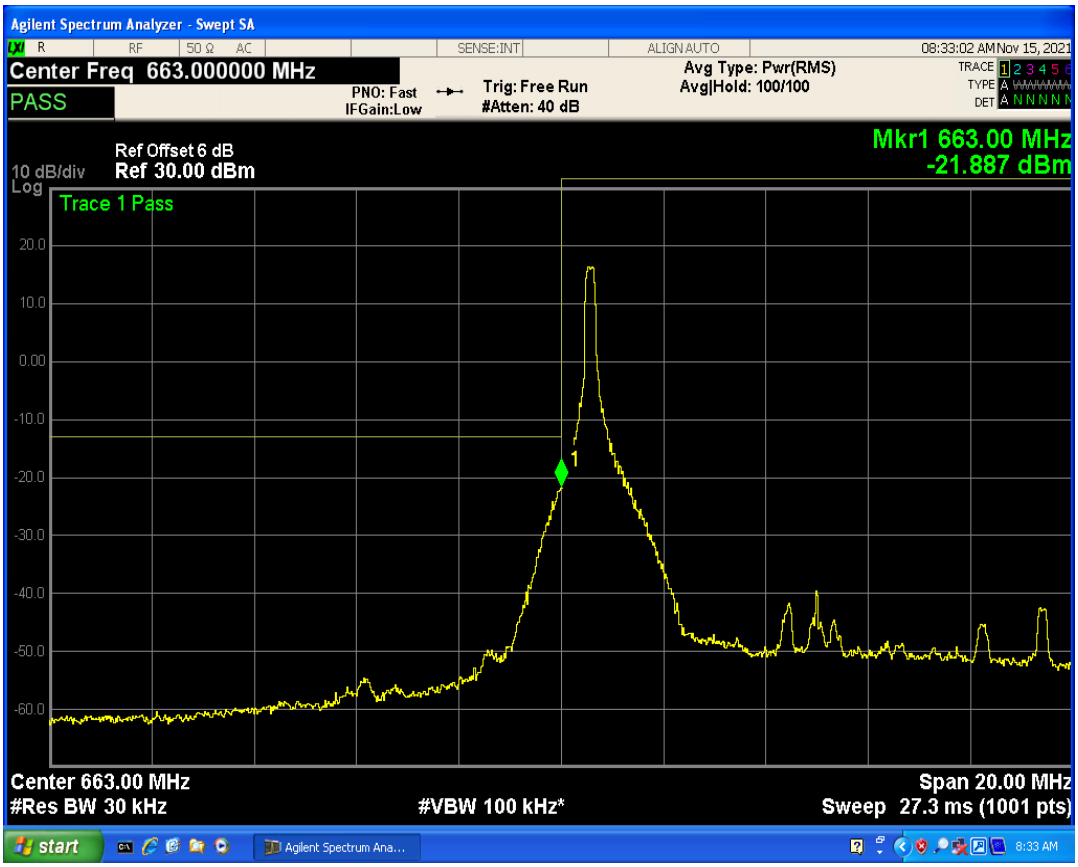
Band71 QPSK BW=5MHz Channel=133447 RB Size=25 Position=#0



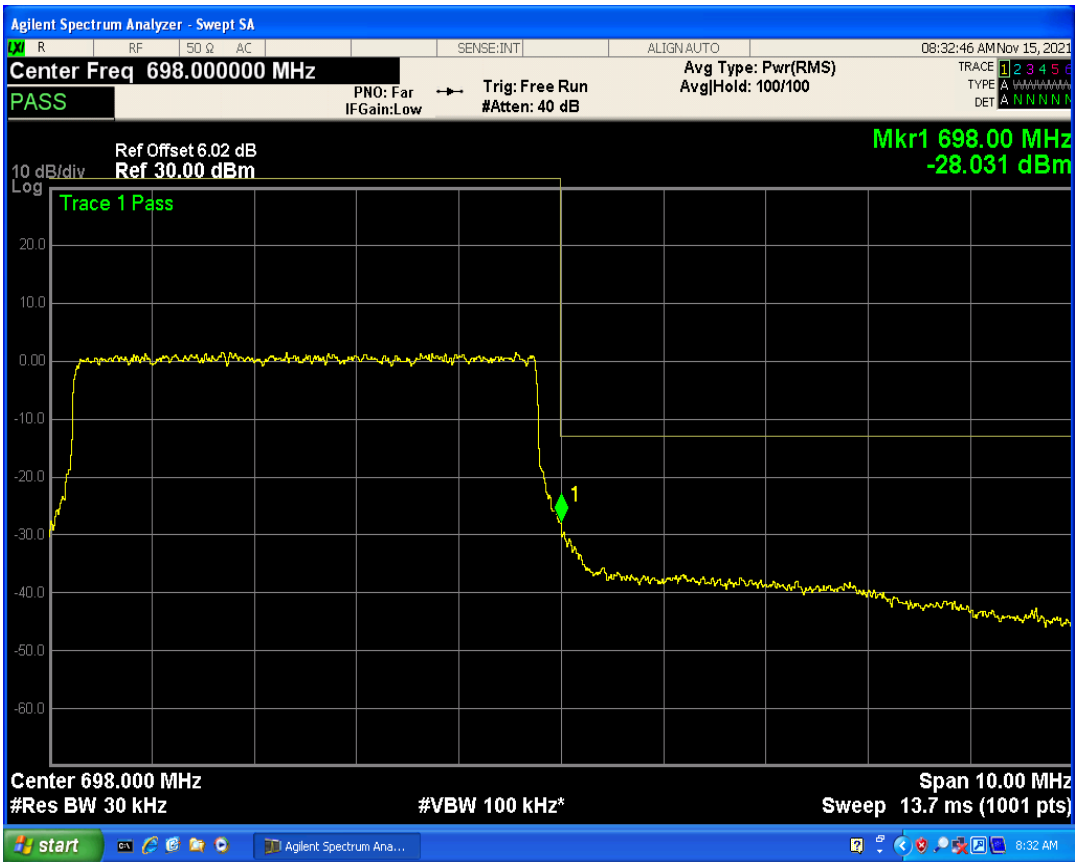
Band71 QAM16 BW=5MHz Channel=133447 RB Size=1 Position=#Max



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

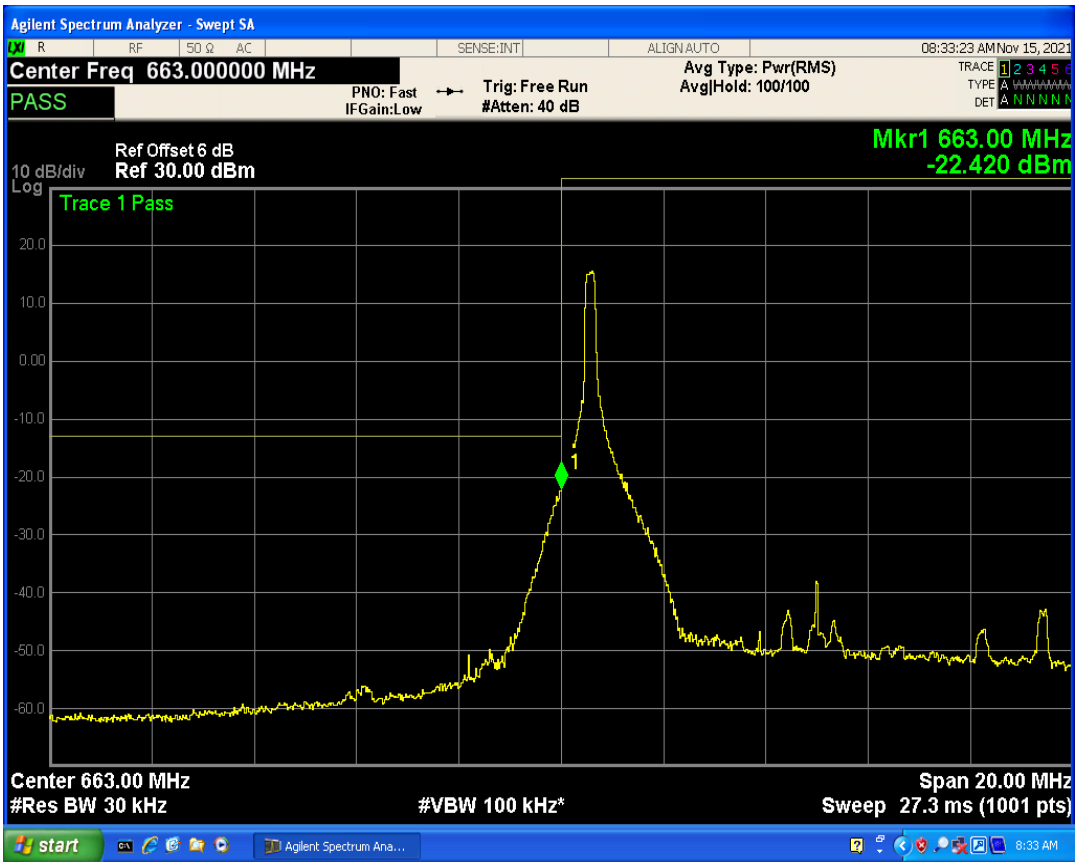


Band71 QAM16 BW=5MHz Channel=133447 RB Size=25 Position=#0

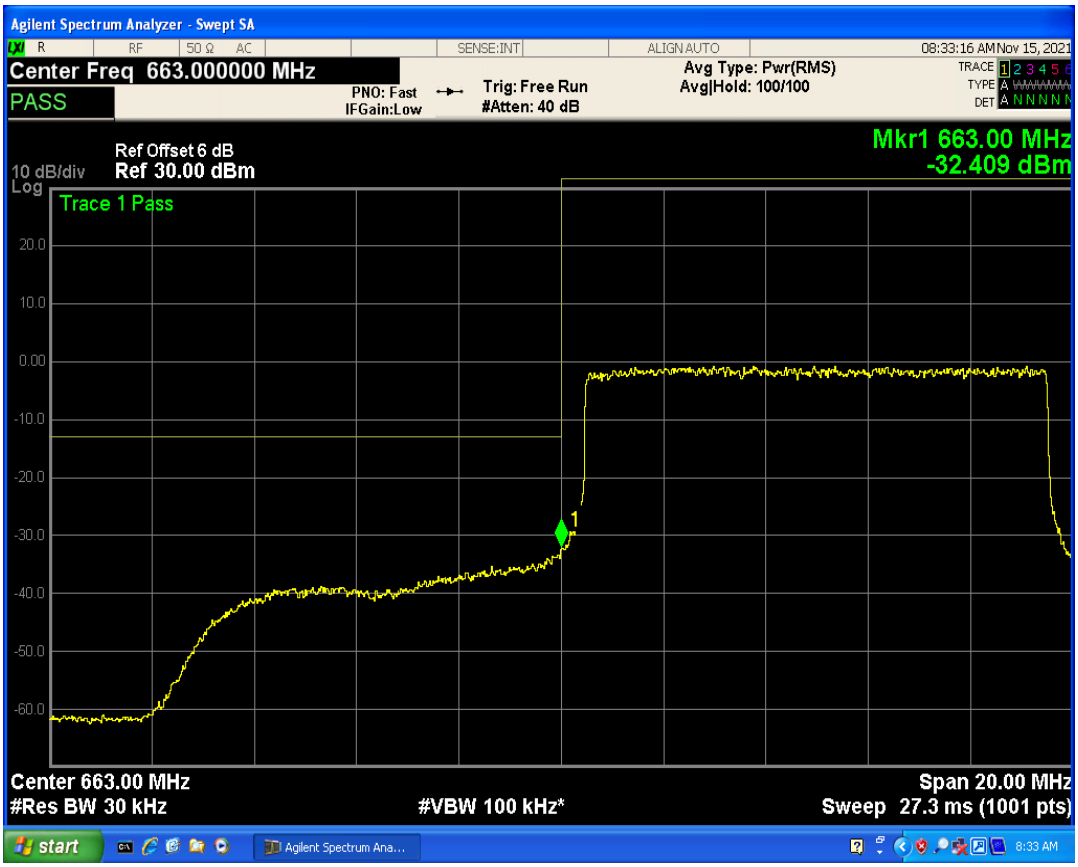


Band71 QPSK BW=10MHz Channel=133172 RB Size=1 Position=#Max

Band71 QAM16 BW=10MHz Channel=133172 RB Size=1 Position=#0

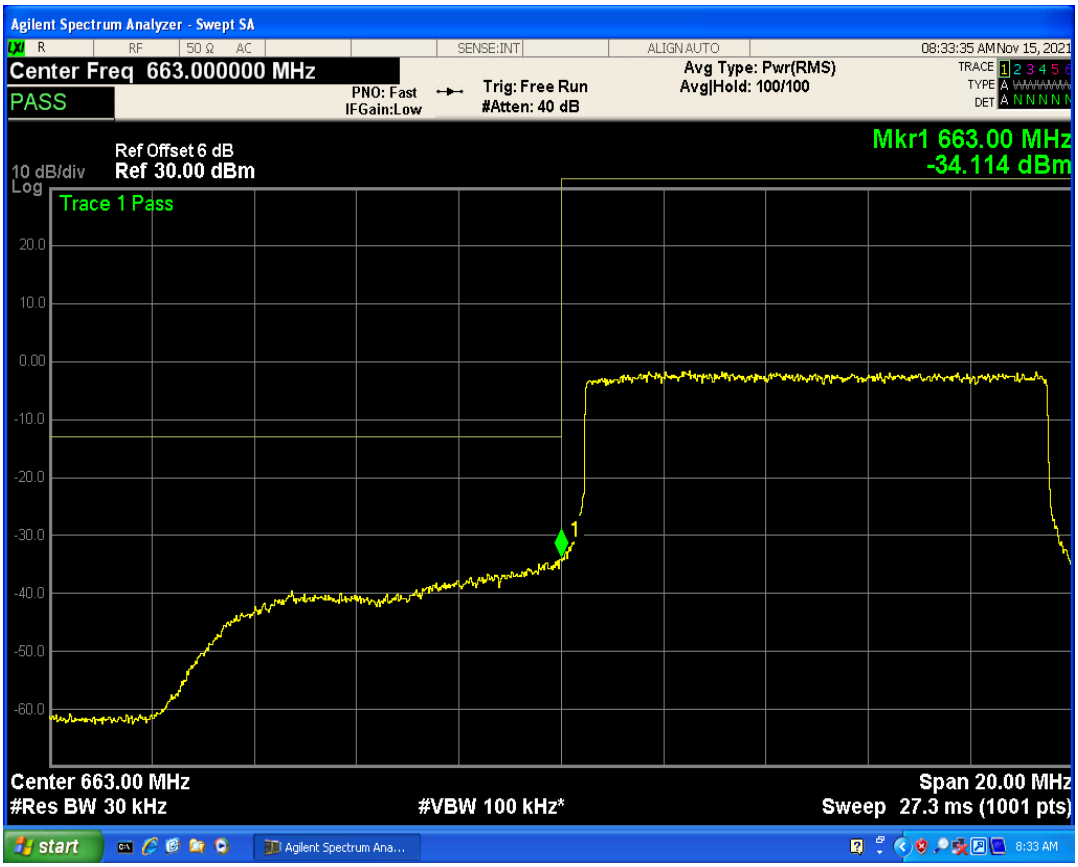


Band71 QPSK BW=10MHz Channel=133172 RB Size=50 Position=#0

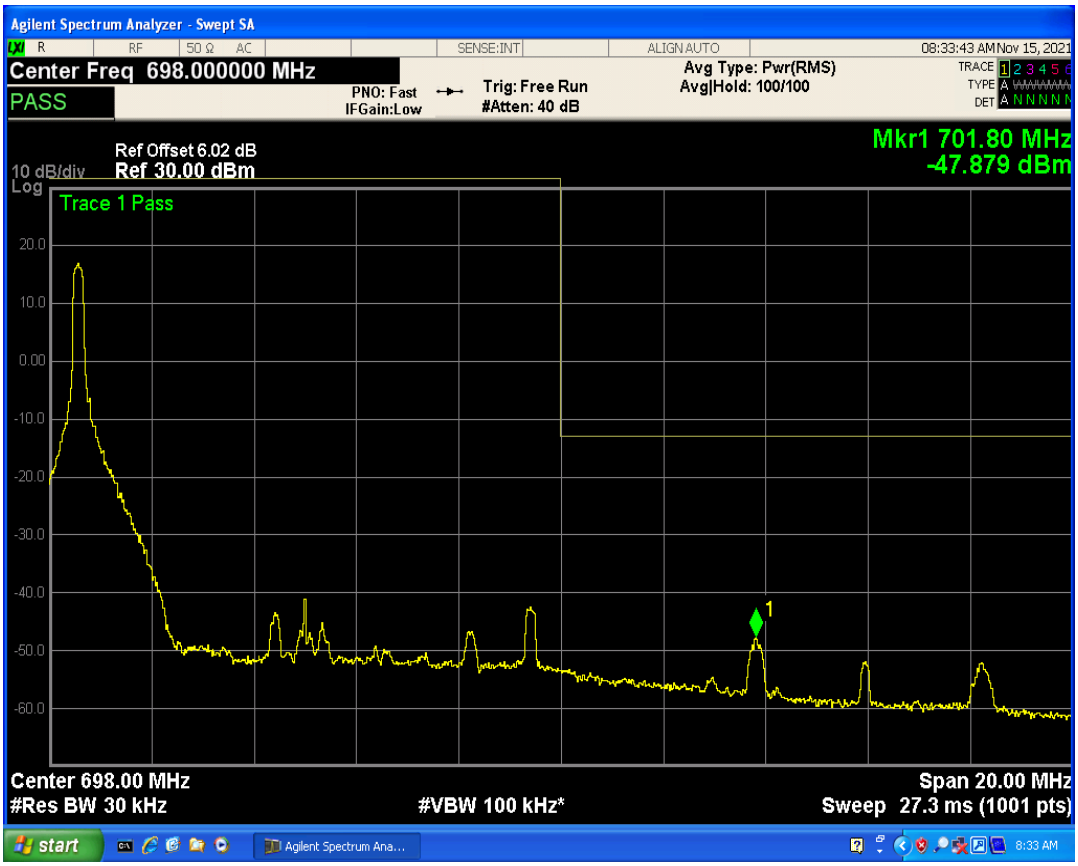


Band71 QAM16 BW=10MHz Channel=133172 RB Size=1 Position=#Max

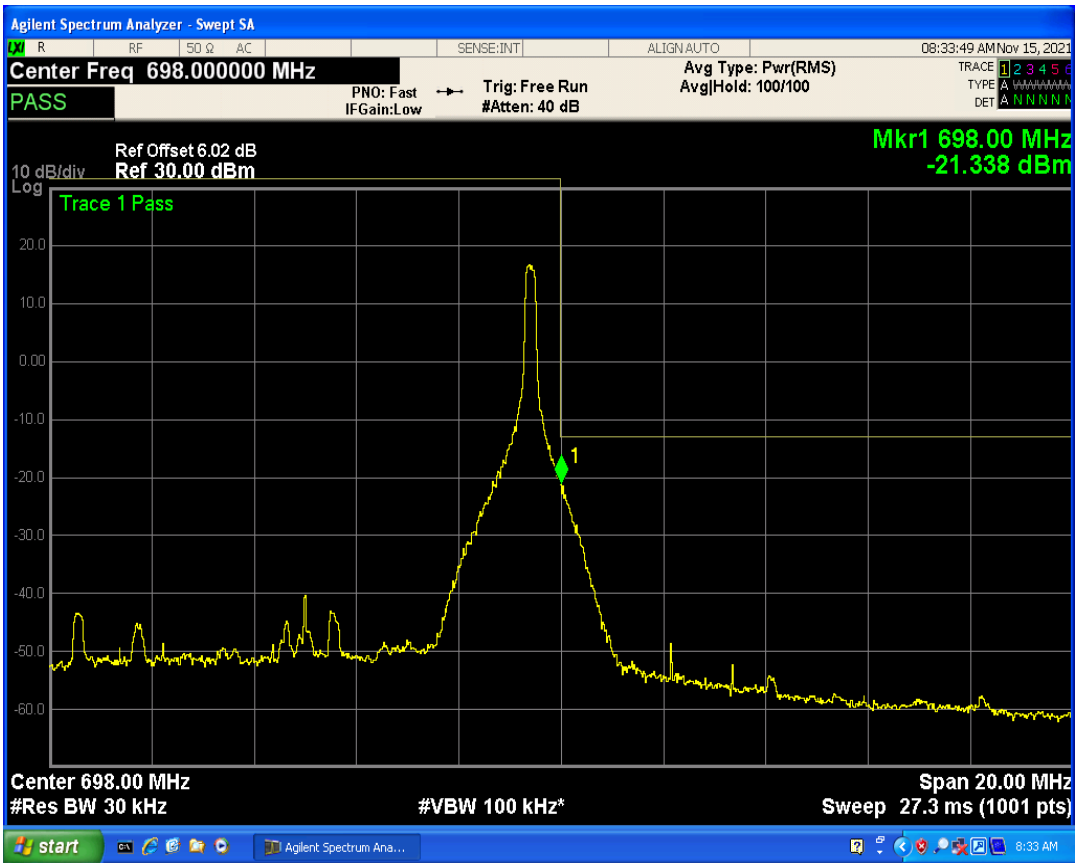
Band71 QAM16 BW=10MHz Channel=133172 RB Size=50 Position=#0



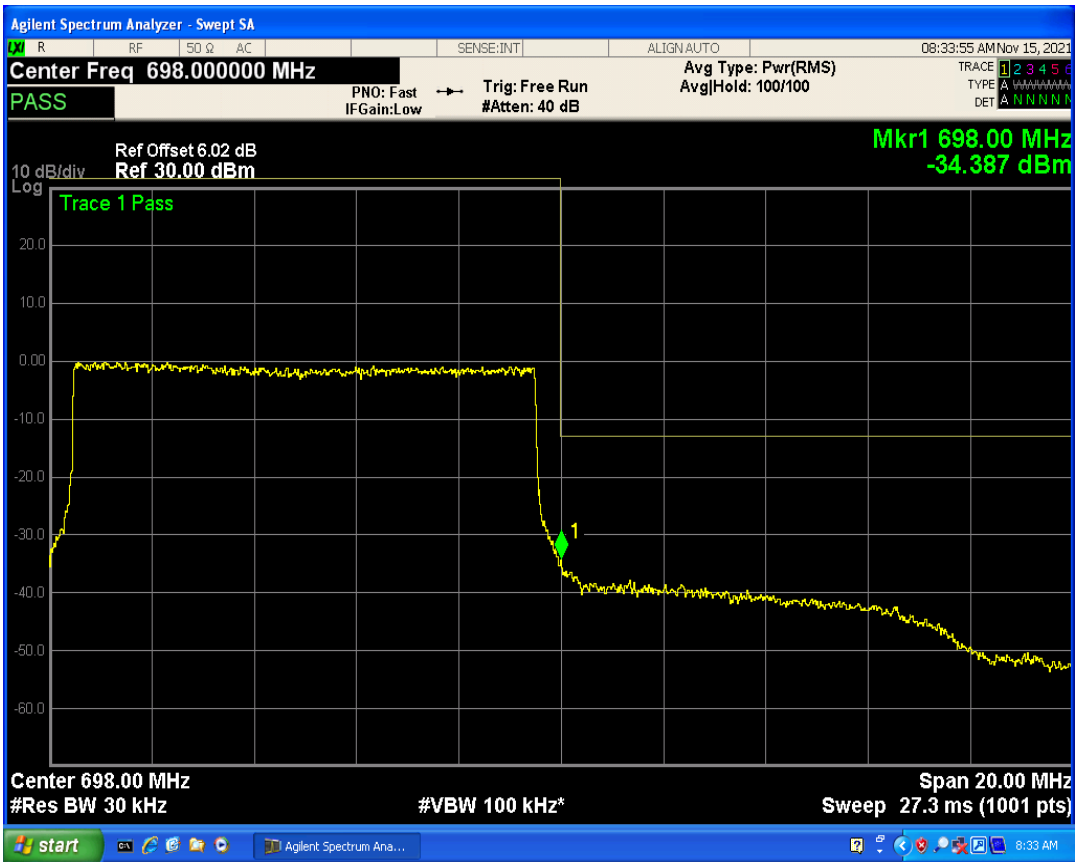
Band71 QPSK BW=10MHz Channel=133422 RB Size=1 Position=#0



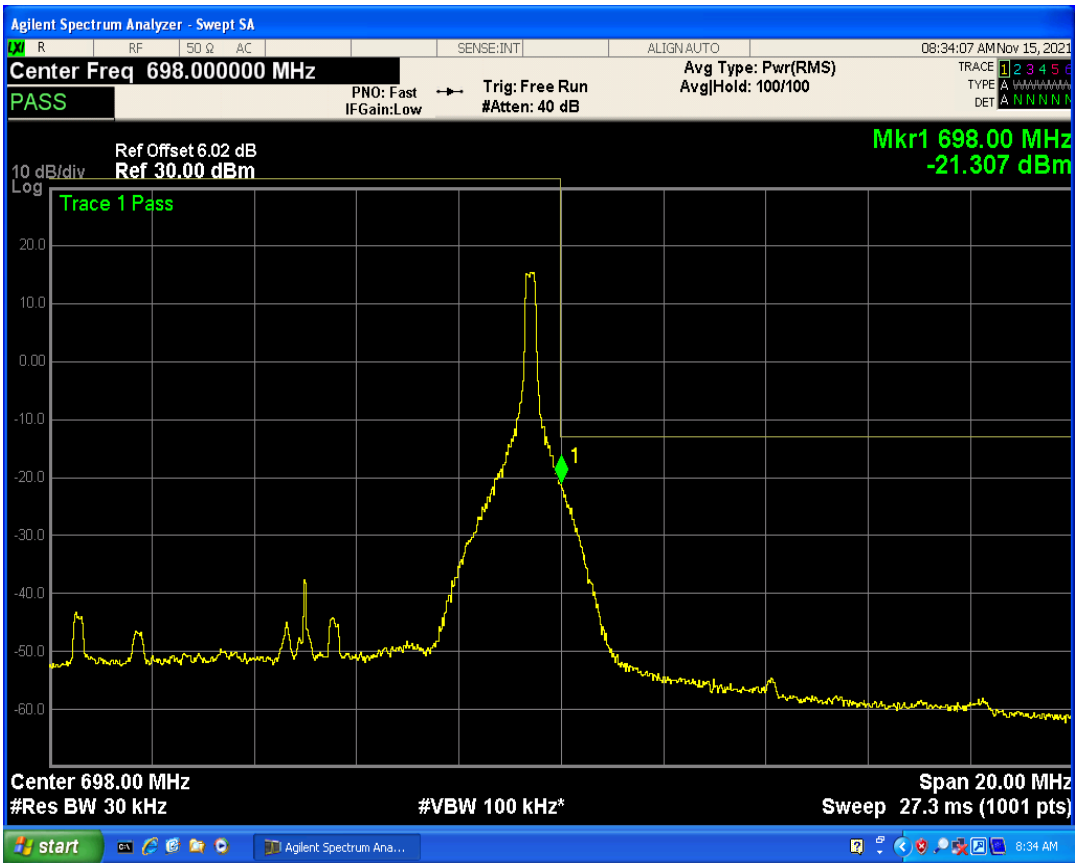
Band71 QPSK BW=10MHz Channel=133422 RB Size=1 Position=#Max



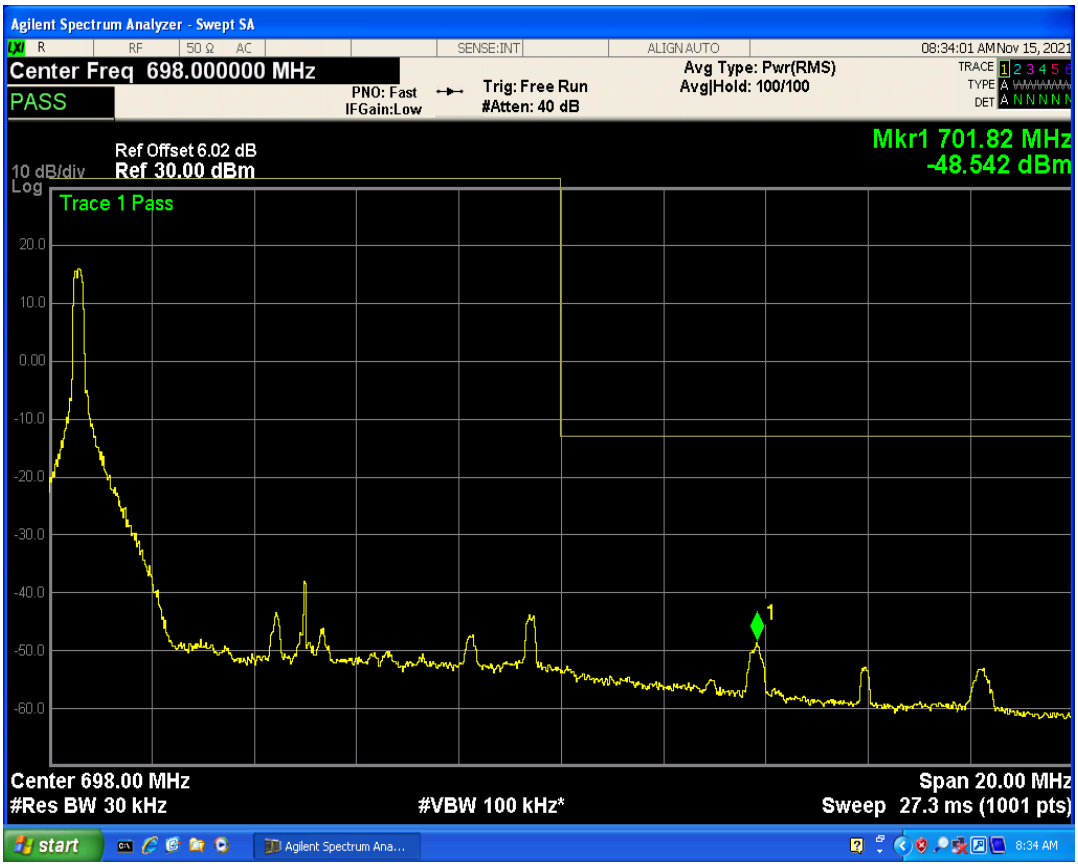
Band71 QPSK BW=10MHz Channel=133422 RB Size=50 Position=#0



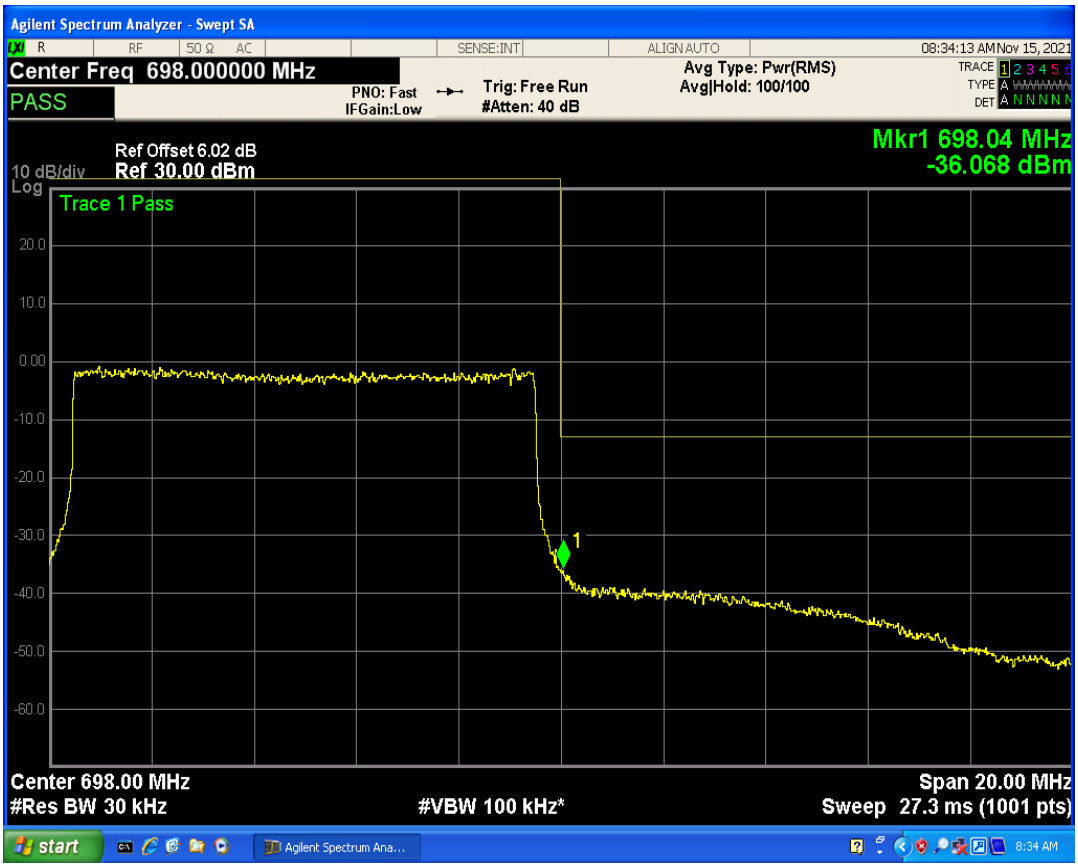
Band71 QAM16 BW=10MHz Channel=133422 RB Size=1 Position=#Max



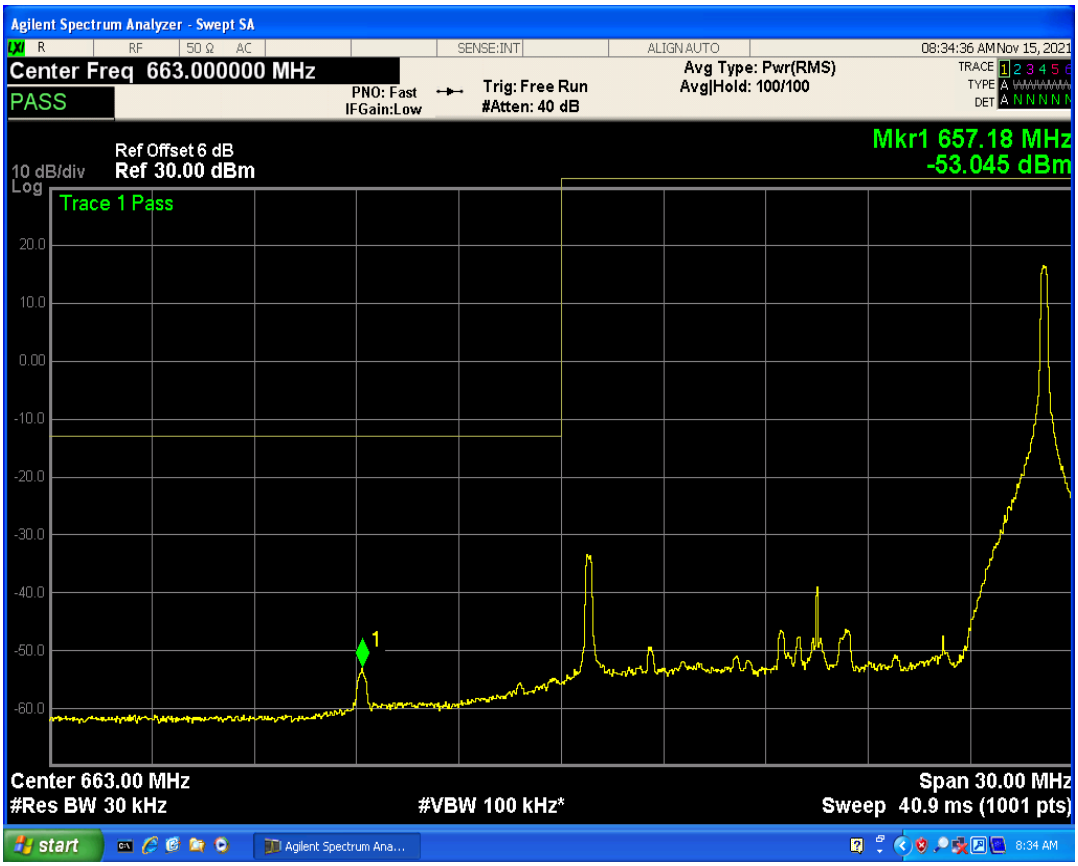
Band71 QAM16 BW=10MHz Channel=133422 RB Size=1 Position=#0



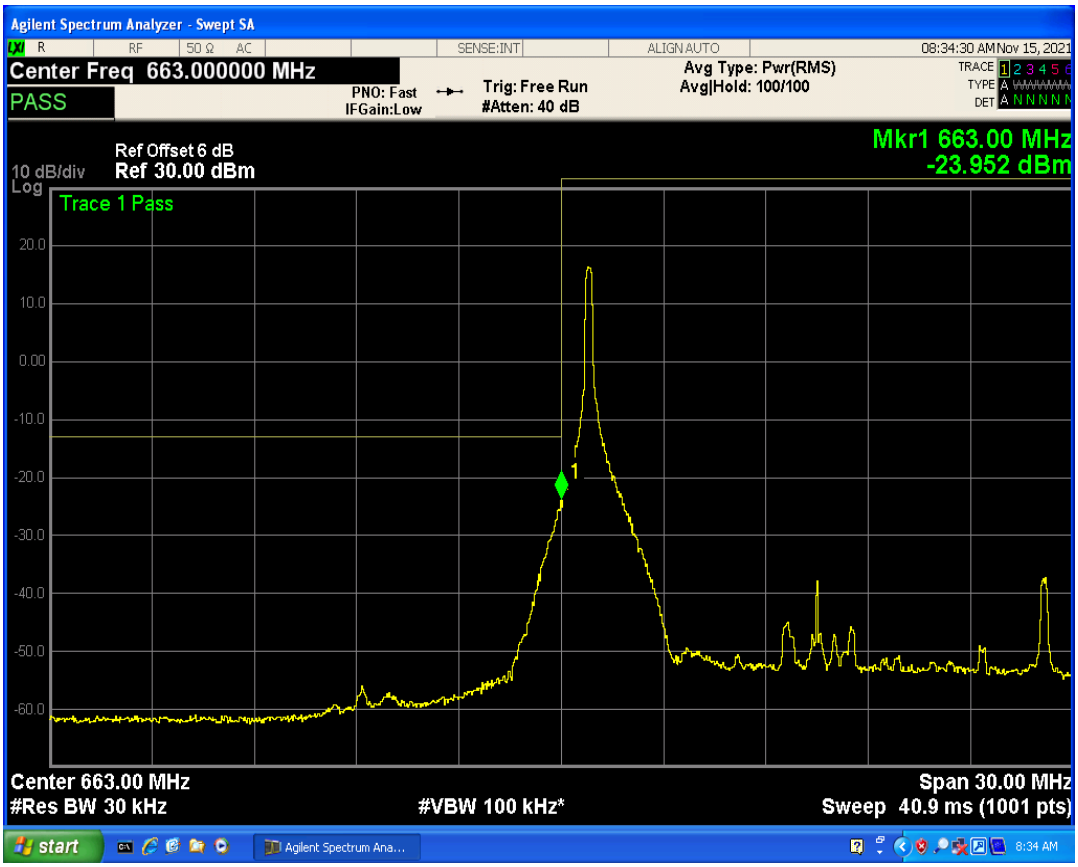
Band71 QAM16 BW=10MHz Channel=133422 RB Size=50 Position=#0



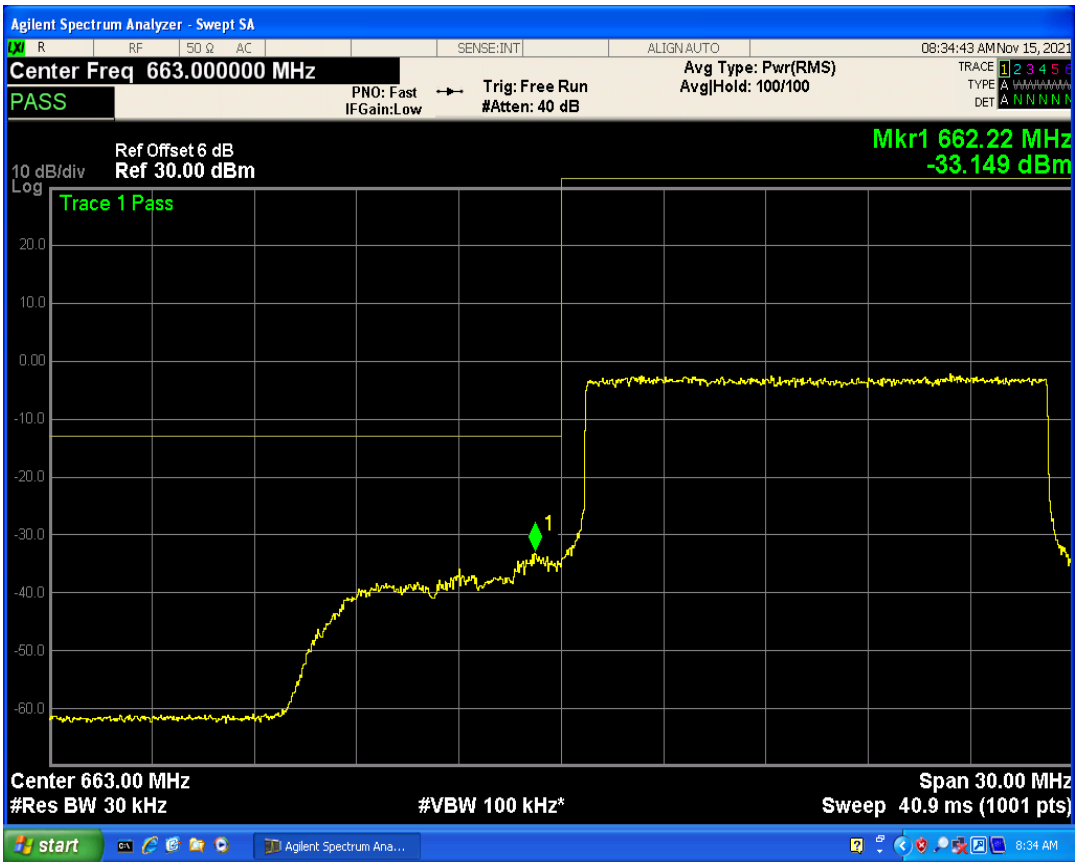
Band71 QPSK BW=15MHz Channel=133197 RB Size=1 Position=#Max



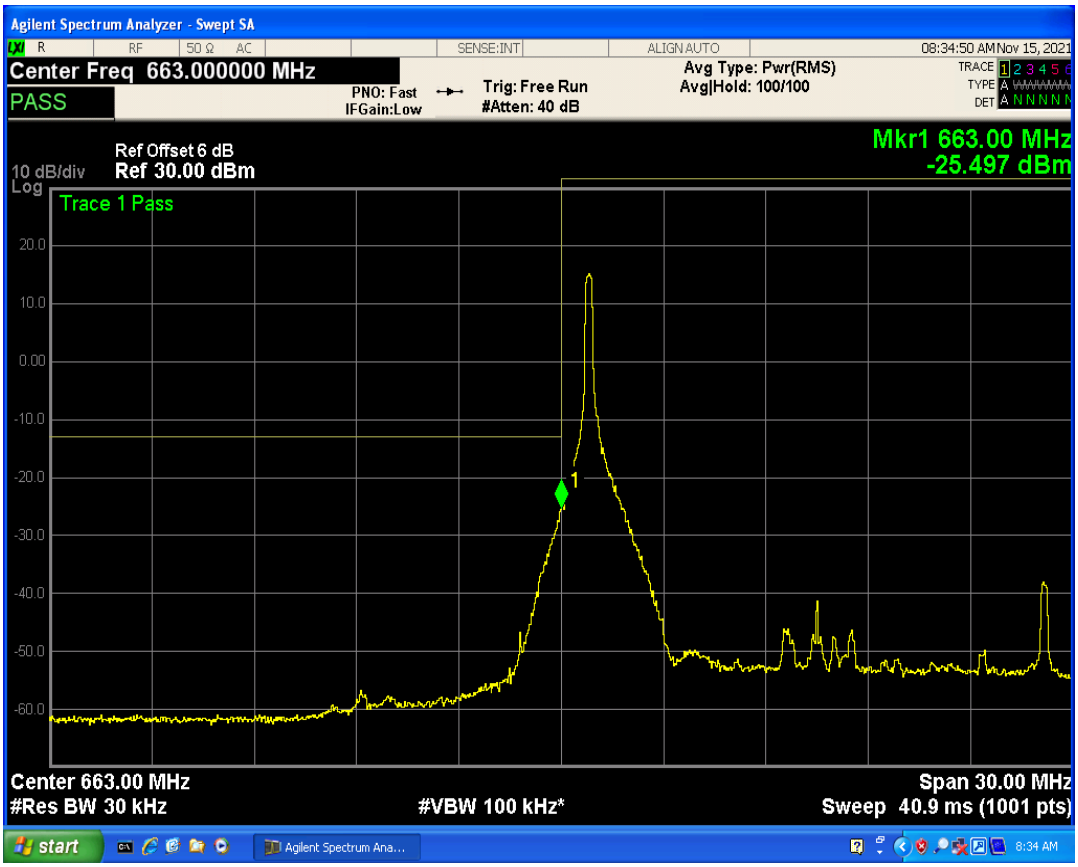
Band71 QPSK BW=15MHz Channel=133197 RB Size=1 Position=#0



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

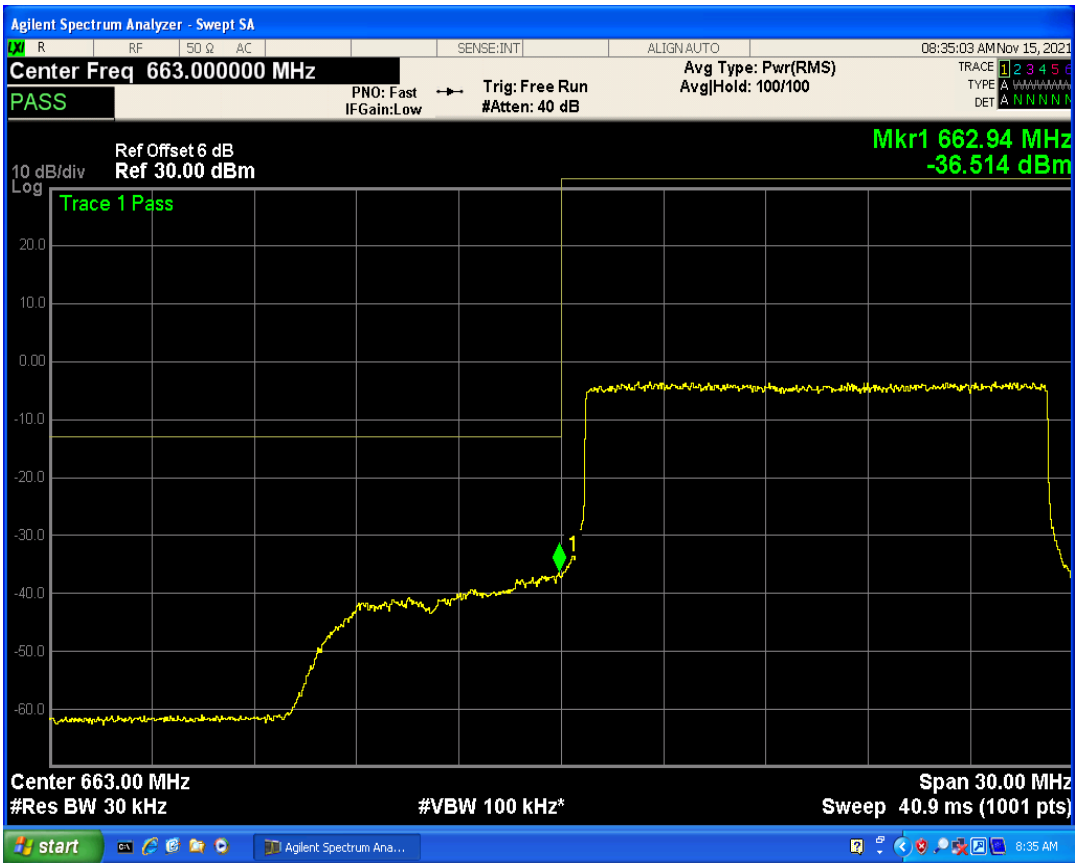


Band71 QAM16 BW=15MHz Channel=133197 RB Size=1 Position=#0

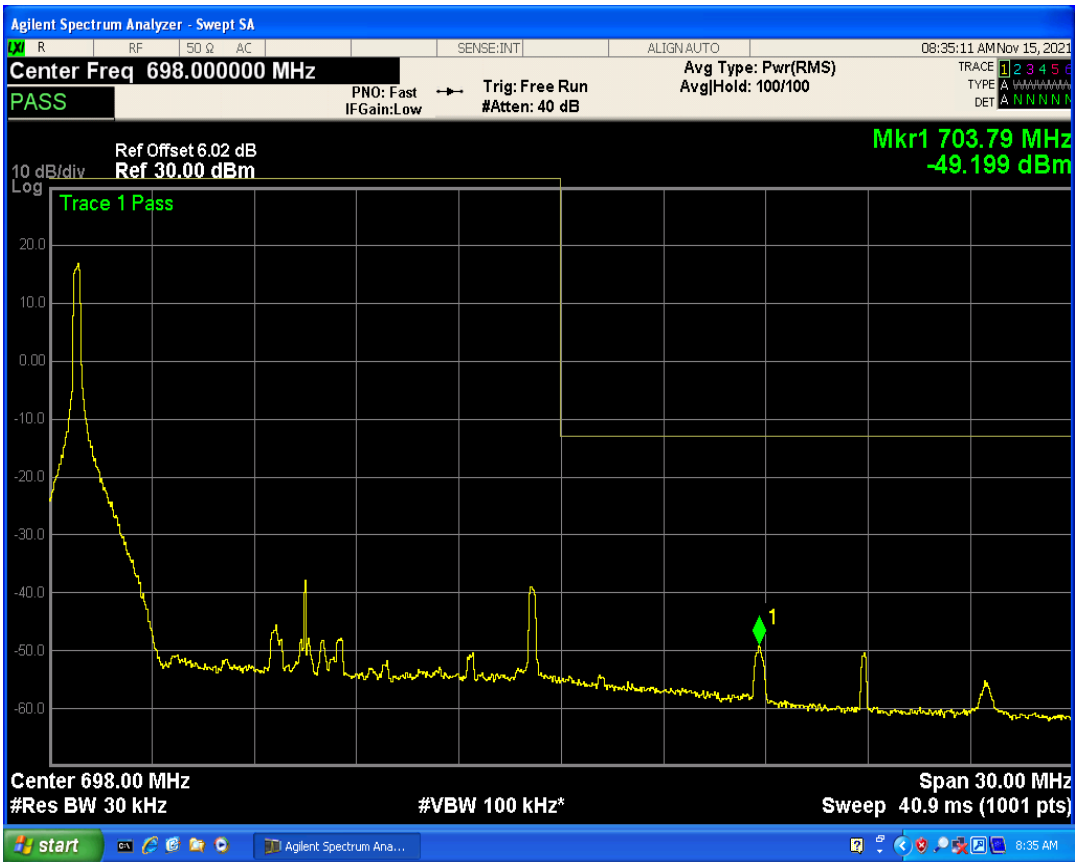


Band71 QAM16 BW=15MHz Channel=133197 RB Size=1 Position=#Max

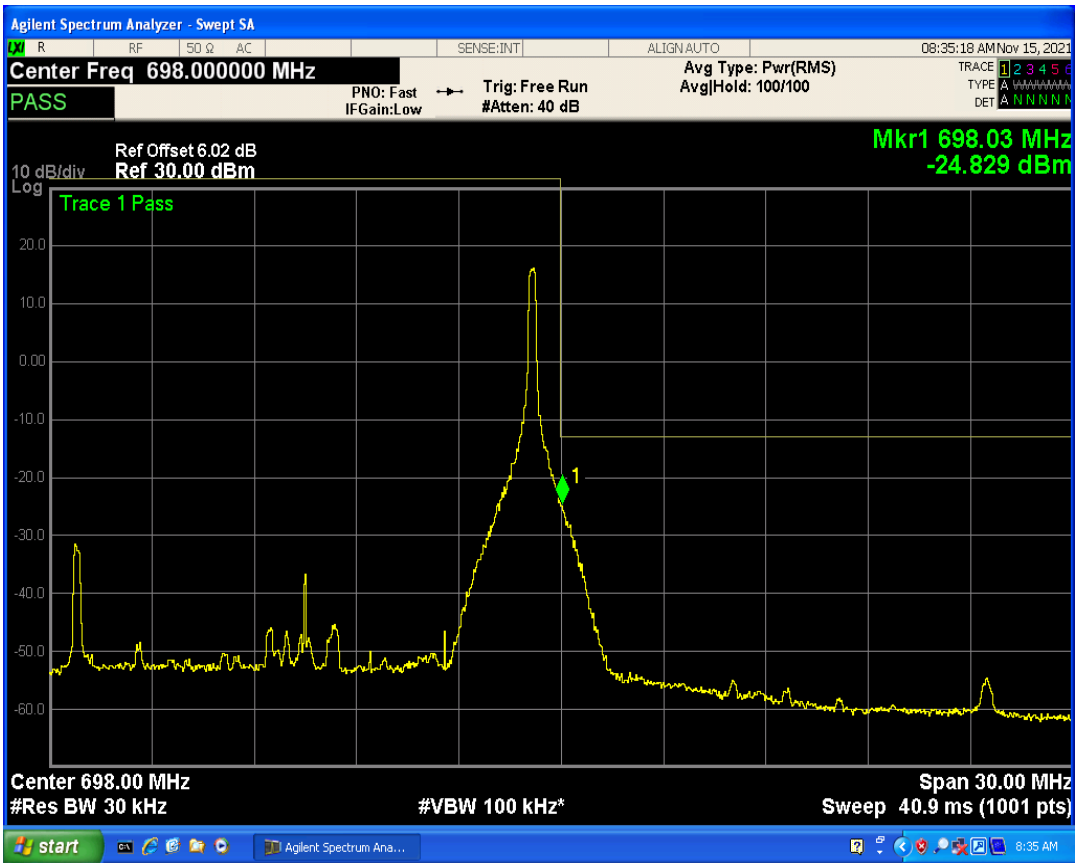
Band71 QAM16 BW=15MHz Channel=133197 RB Size=75 Position=#0



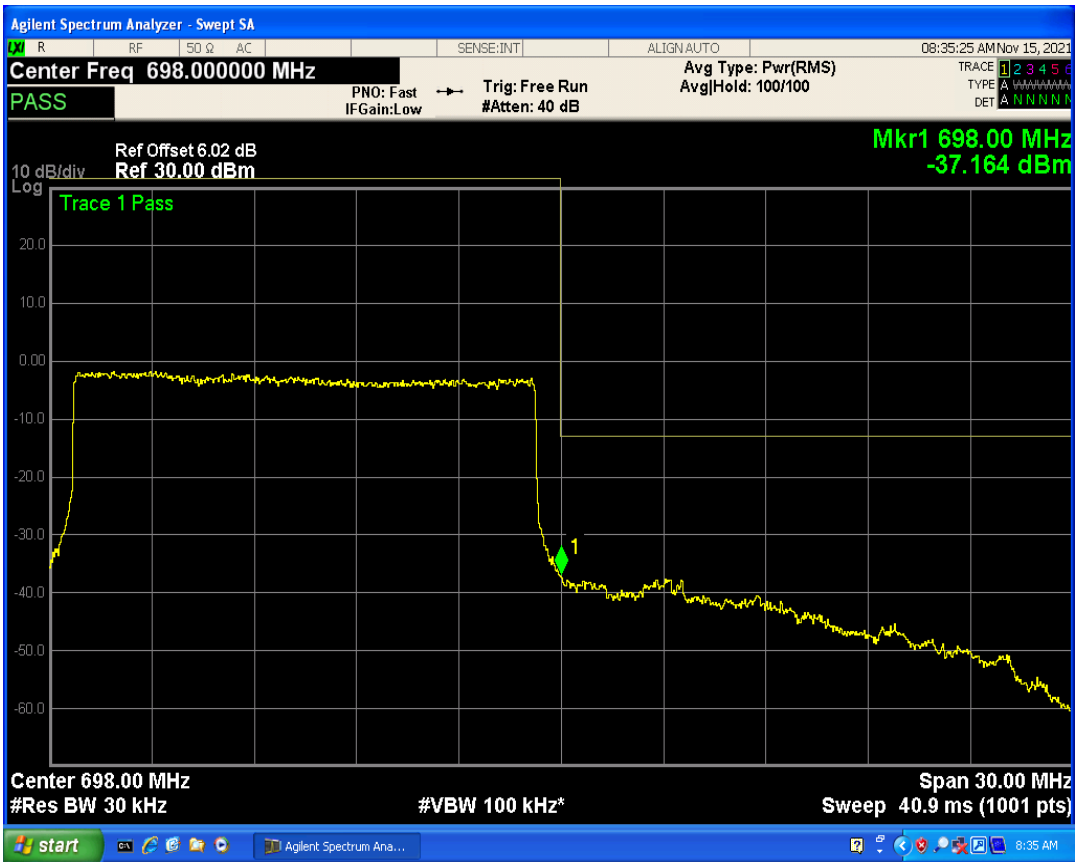
Band71 QPSK BW=15MHz Channel=133397 RB Size=1 Position=#0



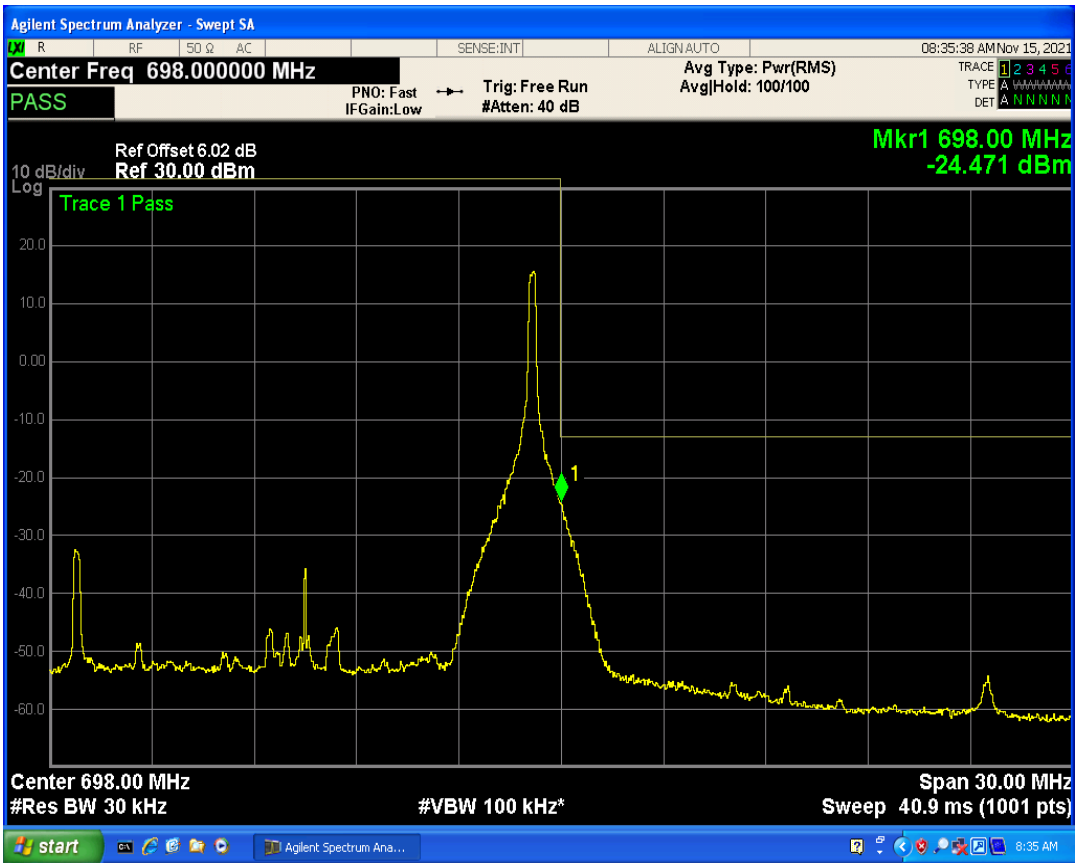
Band71 QPSK BW=15MHz Channel=133397 RB Size=1 Position=#Max



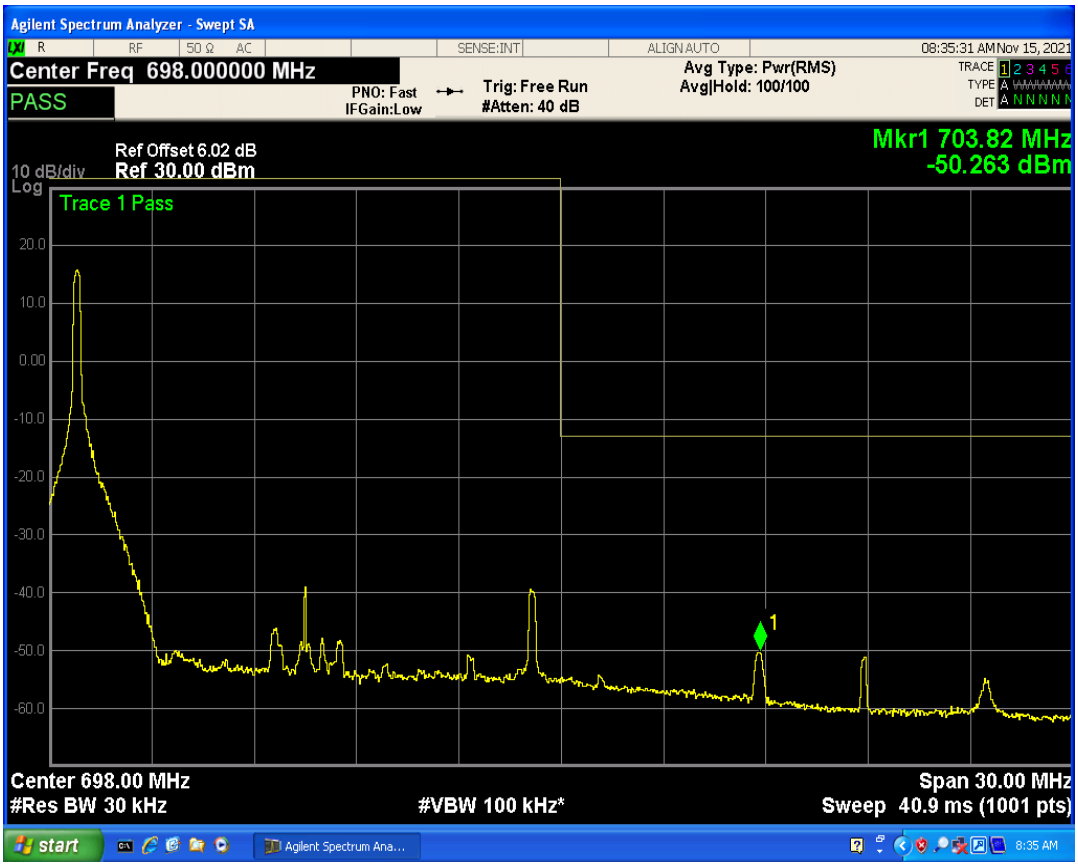
Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0



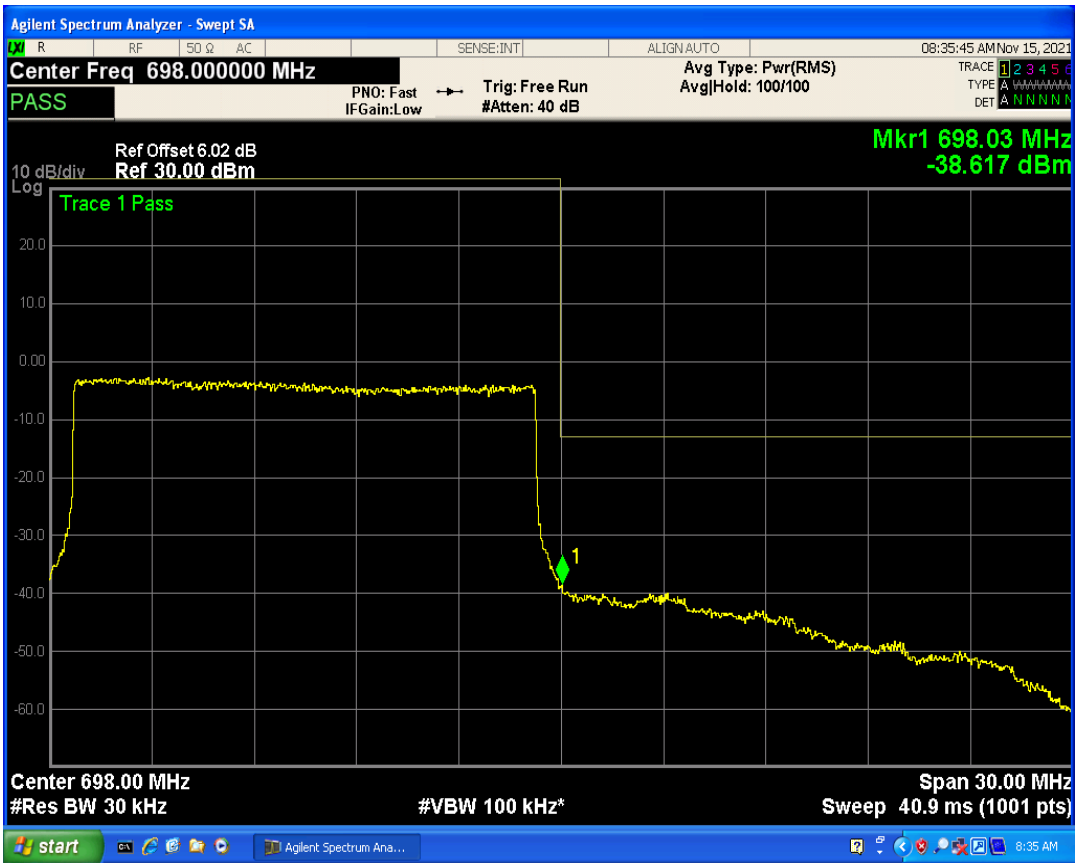
Band71 QAM16 BW=15MHz Channel=133397 RB Size=1 Position=#Max



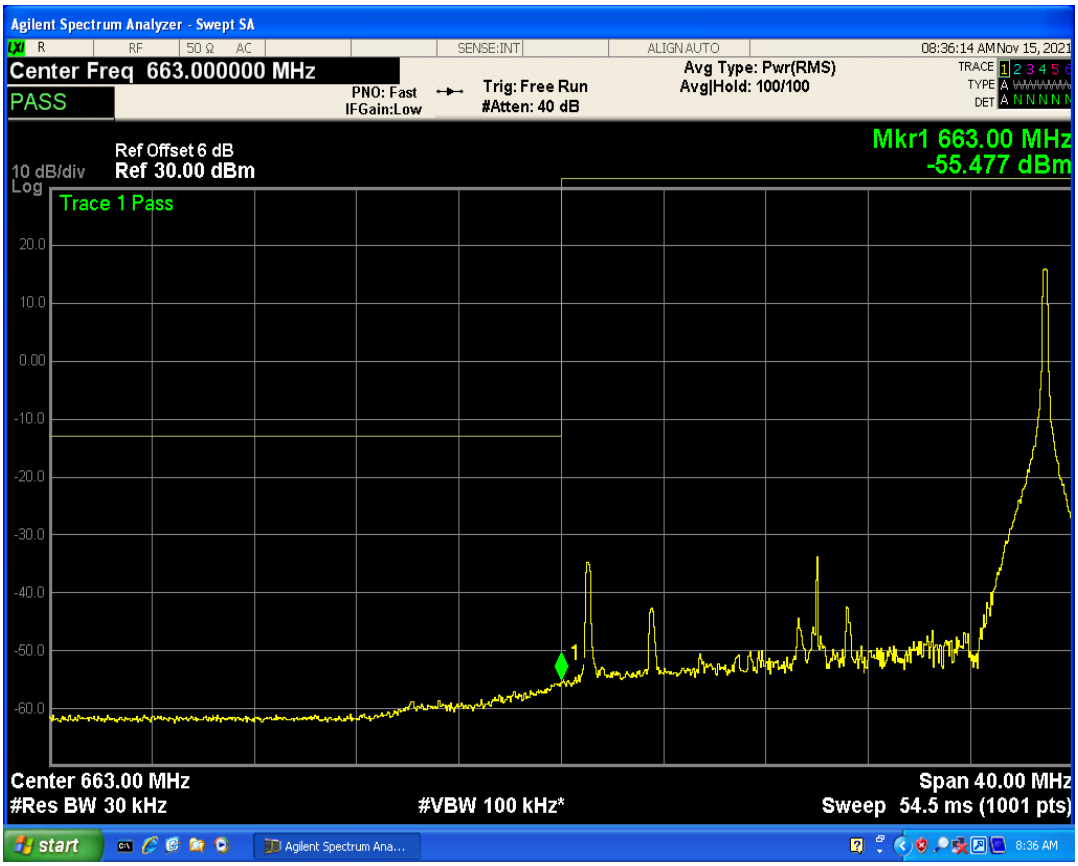
Band71 QAM16 BW=15MHz Channel=133397 RB Size=1 Position=#0



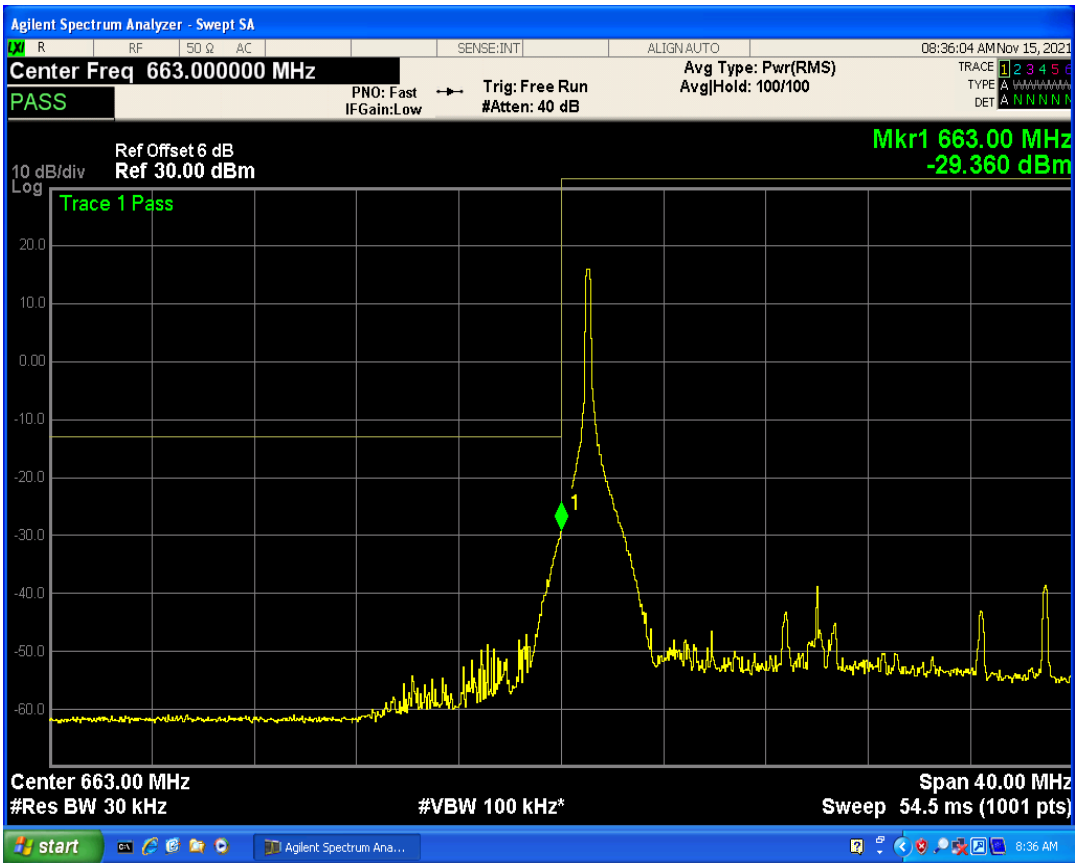
Band71 QAM16 BW=15MHz Channel=133397 RB Size=75 Position=#0



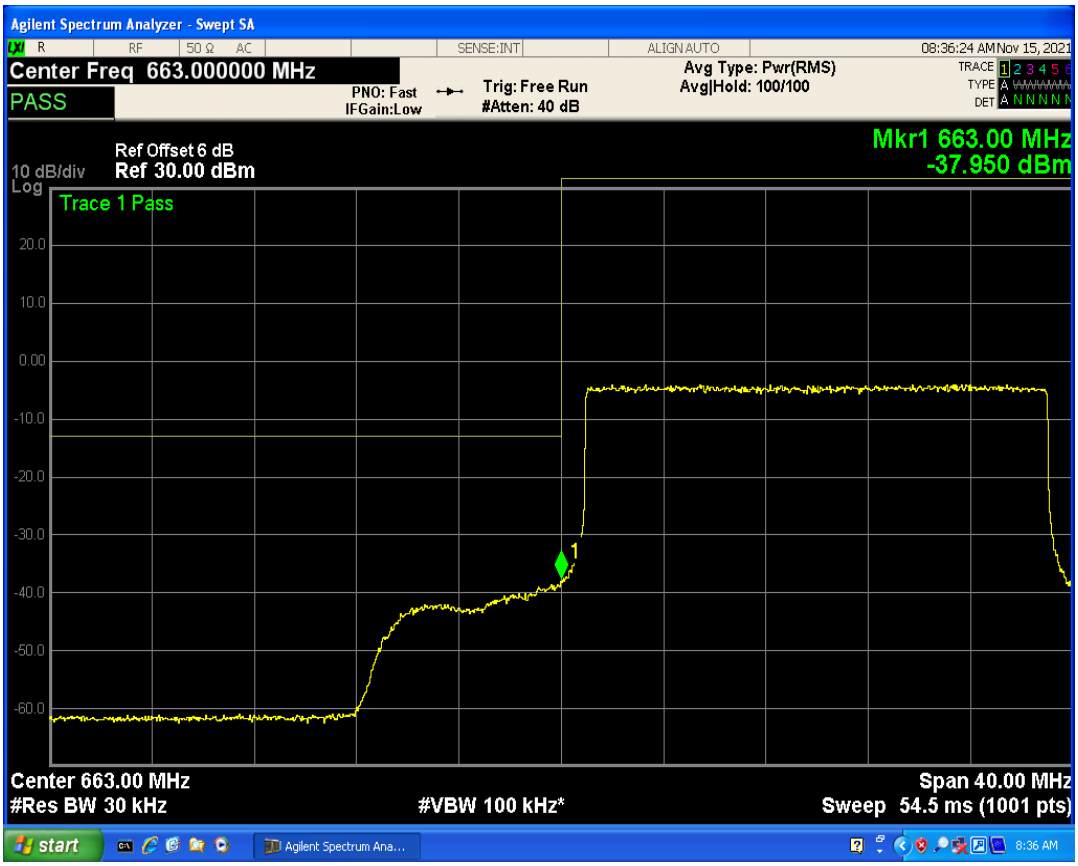
Band71 QPSK BW=20MHz Channel=133222 RB Size=1 Position=#Max



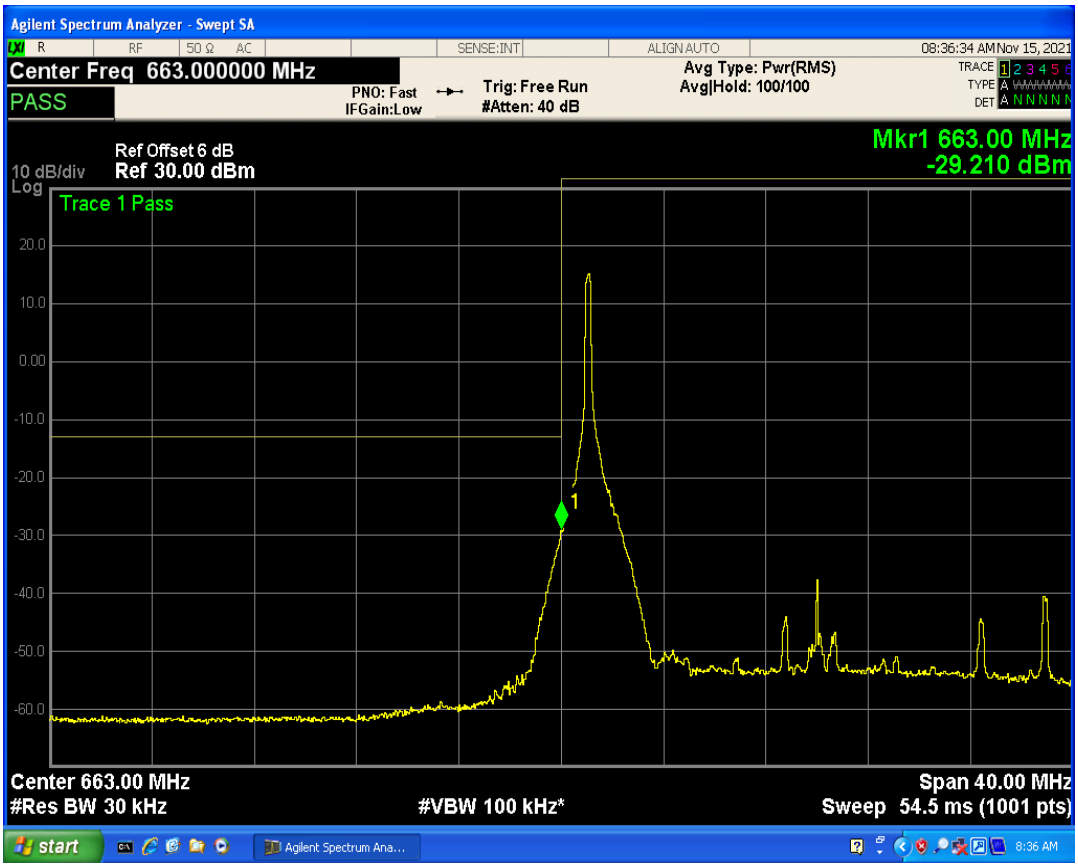
Band71 QPSK BW=20MHz Channel=133222 RB Size=1 Position=#0



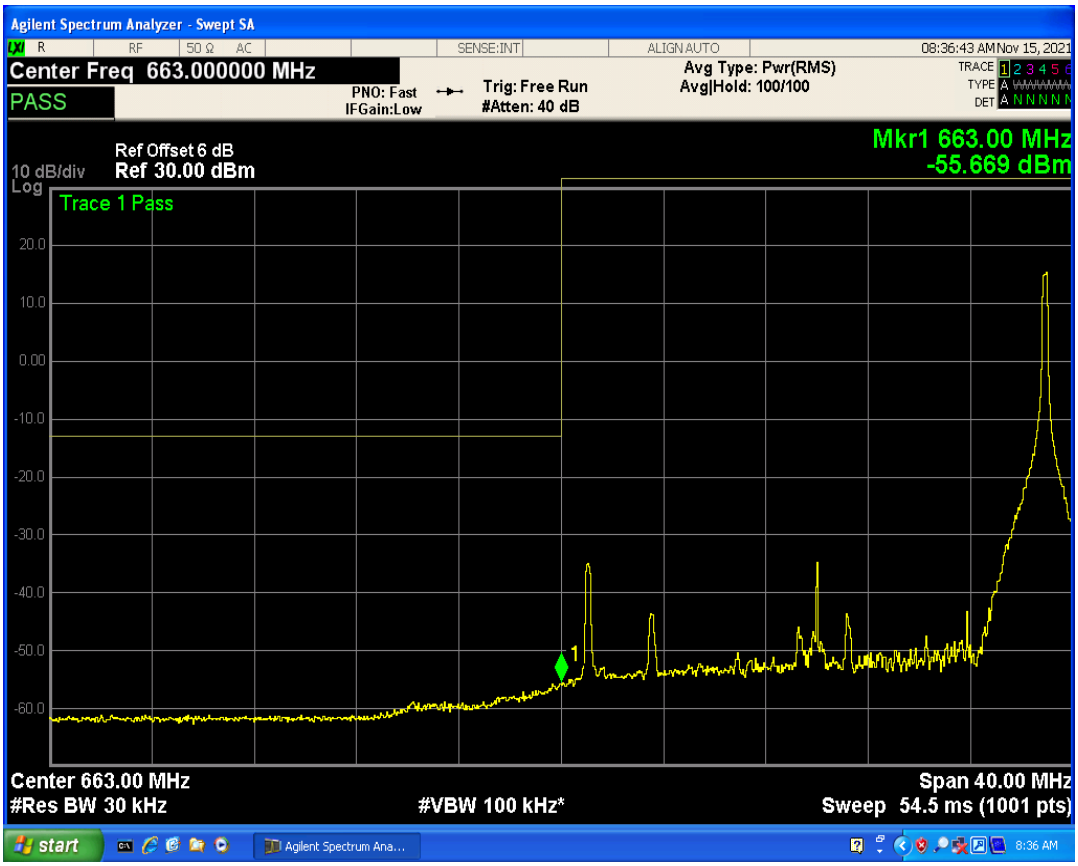
Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0



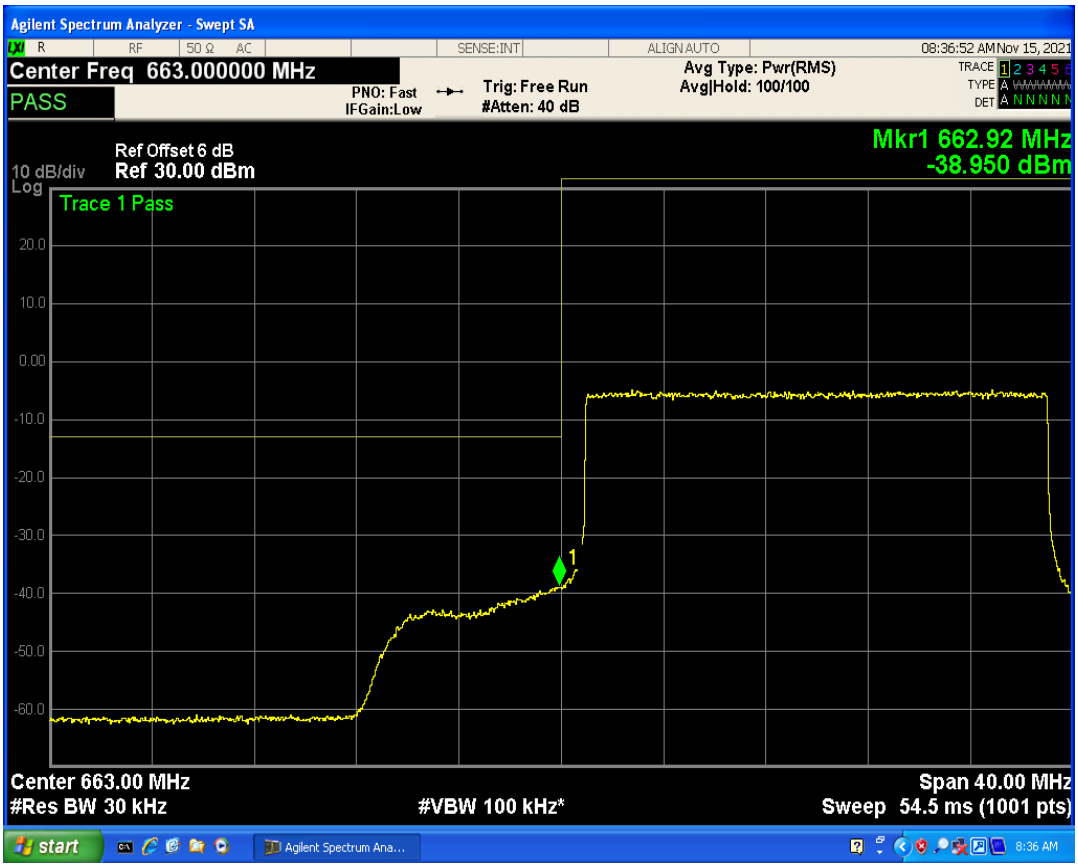
Band71 QAM16 BW=20MHz Channel=133222 RB Size=1 Position=#0



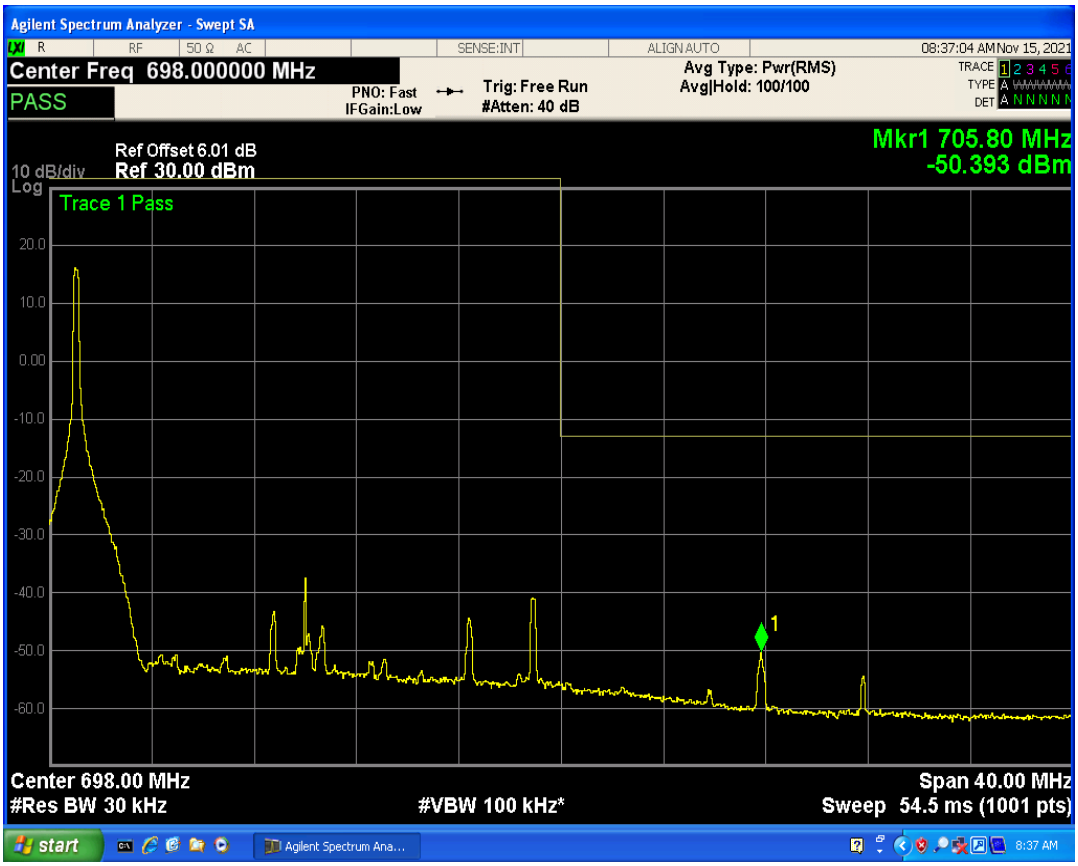
Band71 QAM16 BW=20MHz Channel=133222 RB Size=1 Position=#Max



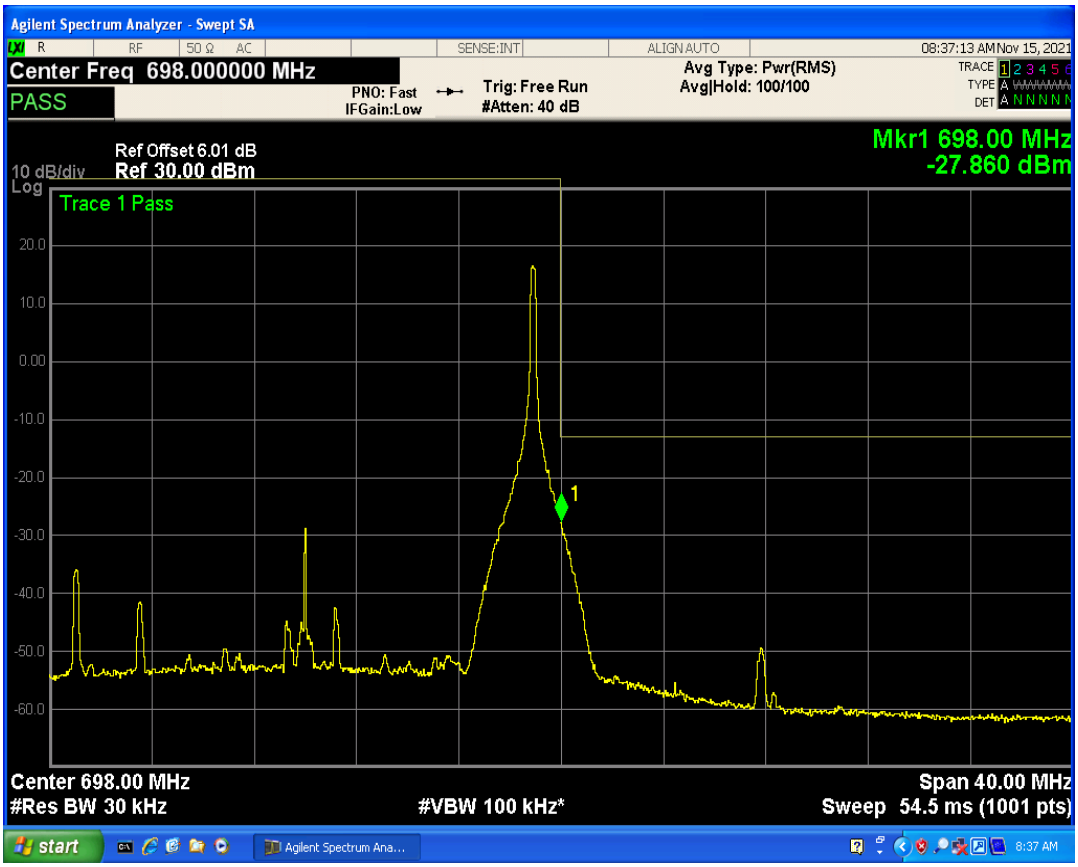
Band71 QAM16 BW=20MHz Channel=133222 RB Size=100 Position=#0



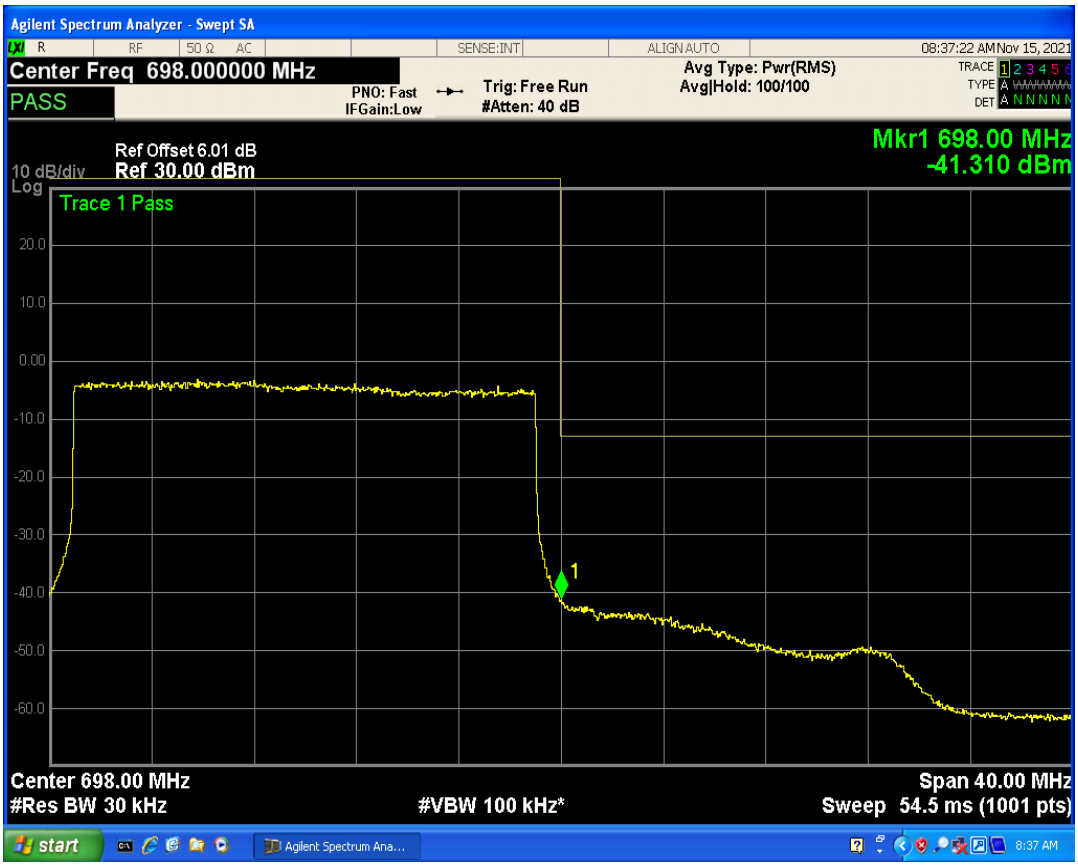
Band71 QPSK BW=20MHz Channel=133372 RB Size=1 Position=#0



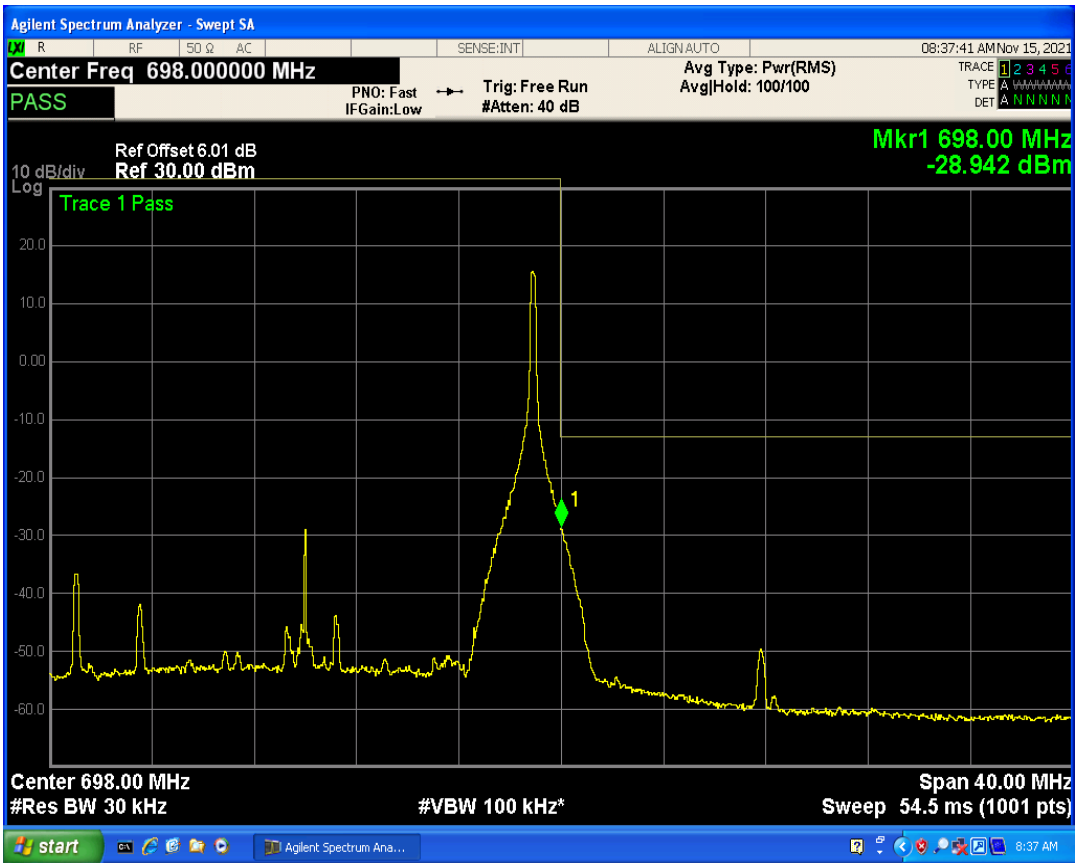
Band71 QPSK BW=20MHz Channel=133372 RB Size=1 Position=#Max



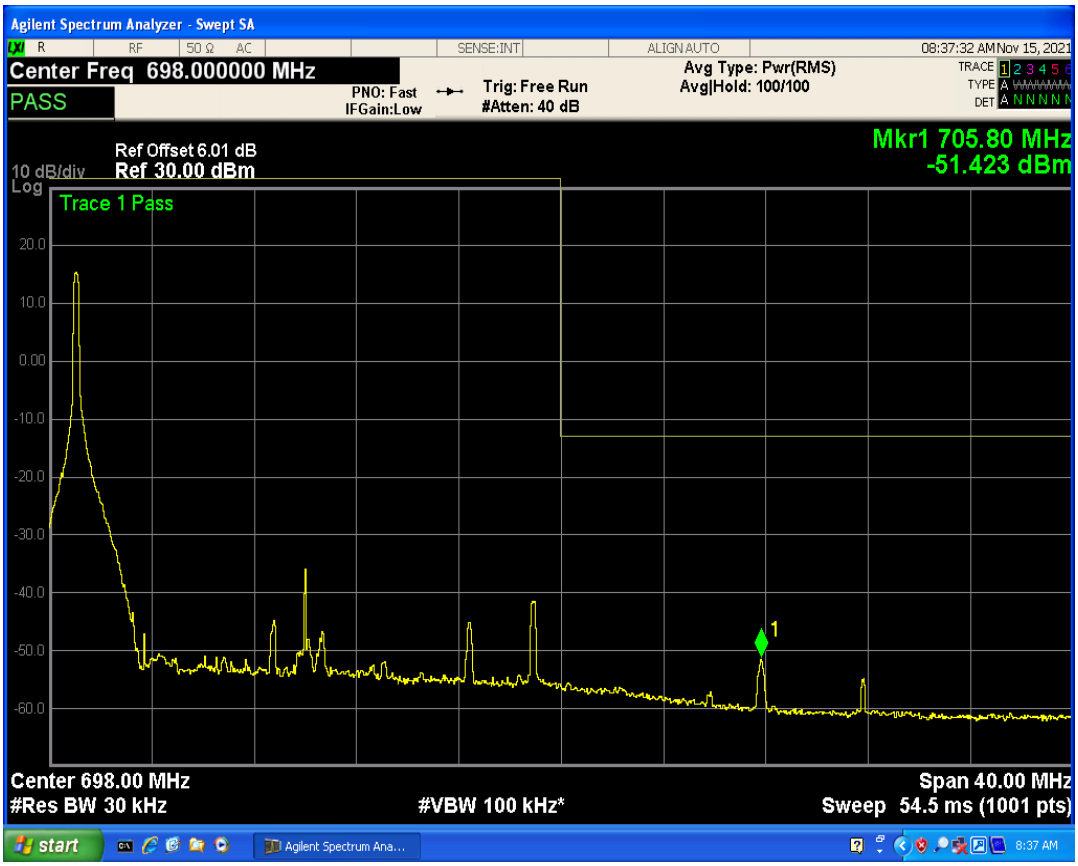
Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0



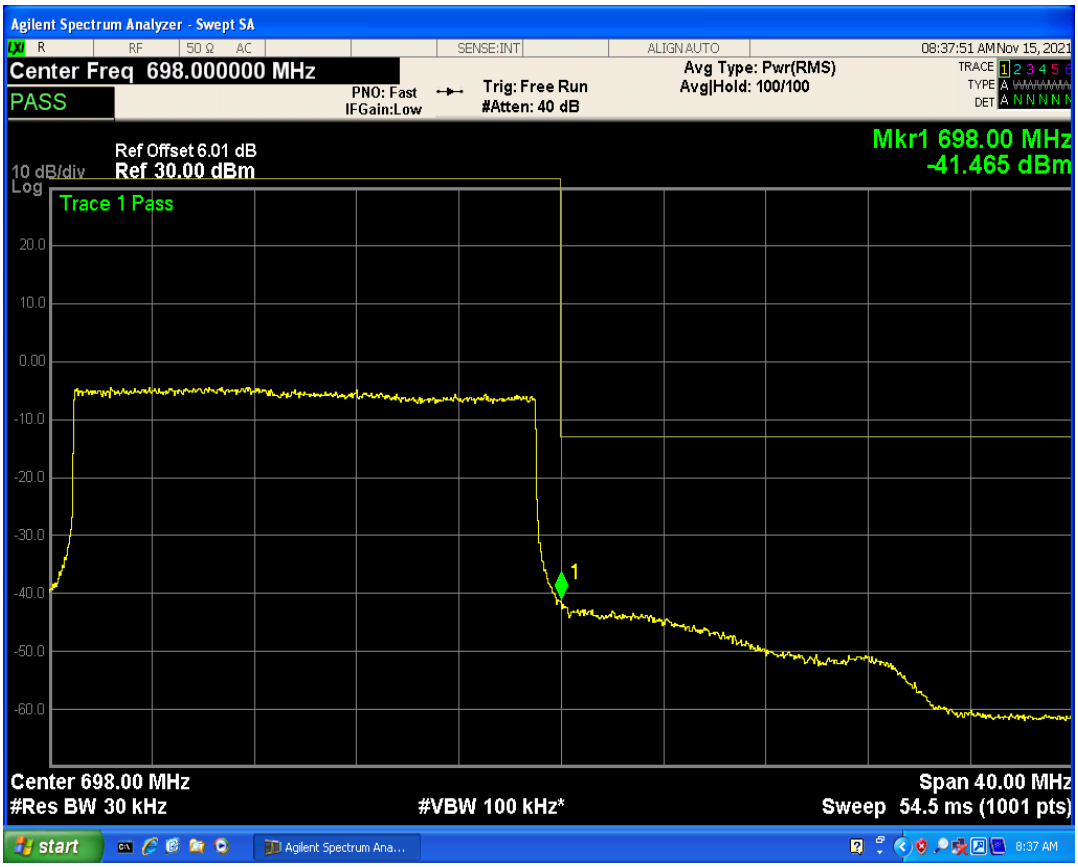
Band71 QAM16 BW=20MHz Channel=133372 RB Size=1 Position=#Max



Band71 QAM16 BW=20MHz Channel=133372 RB Size=1 Position=#0



Band71 QAM16 BW=20MHz Channel=133372 RB Size=100 Position=#0


Agilent Spectrum Analyzer - Swept SA
R
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
08:37:51 AM Nov 15, 2021
Center Freq 698.000000 MHz
PASS
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: Pwr(RMS)
Avg|Hold: 100/100
TRACE 1 2 3 4 5 6
TYPE A WWWWWW
DET A N N N N N
Ref Offset 6.01 dB
10 dB/div
Ref 30.00 dBm
Log
Mkr1 698.00 MHz
-41.465 dBm
Trace 1 Pass
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
1
Center 698.00 MHz
#Res BW 30 kHz
#VBW 100 kHz*
Span 40.00 MHz
Sweep 54.5 ms (1001 pts)
start
Agilent Spectrum Ana...
8:37 AM

6 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	-33.98	-13	PASS
Band12	1.4	23017	6	#0	QPSK	692.03	-30.79	-13	PASS
Band12	1.4	23017	1	#0	QAM16	1398.70	-35.82	-13	PASS
Band12	1.4	23017	6	#0	QAM16	1399.60	-35.39	-13	PASS
Band12	1.4	23095	1	#0	QPSK	1414.00	-34.88	-13	PASS
Band12	1.4	23095	6	#0	QPSK	1414.90	-36.29	-13	PASS
Band12	1.4	23095	1	#0	QAM16	1414.00	-37.56	-13	PASS
Band12	1.4	23095	6	#0	QAM16	2123.20	-36.17	-13	PASS
Band12	1.4	23173	1	#0	QPSK	1430.20	-36.04	-13	PASS
Band12	1.4	23173	6	#0	QPSK	1430.20	-36.34	-13	PASS
Band12	1.4	23173	1	#0	QAM16	1430.20	-34.81	-13	PASS
Band12	1.4	23173	6	#0	QAM16	1431.10	-38.48	-13	PASS
Band12	3	23025	1	#0	QPSK	1398.70	-33.08	-13	PASS
Band12	3	23025	15	#0	QPSK	1401.40	-40.15	-13	PASS
Band12	3	23025	1	#0	QAM16	1398.70	-36.06	-13	PASS
Band12	3	23025	15	#0	QAM16	1401.40	-39.59	-13	PASS
Band12	3	23095	1	#0	QPSK	1413.10	-36.38	-13	PASS
Band12	3	23095	15	#0	QPSK	1416.70	-39.81	-13	PASS
Band12	3	23095	1	#0	QAM16	1412.20	-36.27	-13	PASS
Band12	3	23095	15	#0	QAM16	1417.60	-38.97	-13	PASS
Band12	3	23165	1	#0	QPSK	2140.30	-36.73	-13	PASS
Band12	3	23165	15	#0	QPSK	1428.40	-42.78	-13	PASS
Band12	3	23165	1	#0	QAM16	1426.60	-36.17	-13	PASS
Band12	3	23165	15	#0	QAM16	1429.30	-43.60	-13	PASS
Band12	5	23035	1	#0	QPSK	1398.70	-35.14	-13	PASS
Band12	5	23035	25	#0	QPSK	1400.50	-41.57	-13	PASS
Band12	5	23035	1	#0	QAM16	1398.70	-35.30	-13	PASS
Band12	5	23035	25	#0	QAM16	1404.10	-41.32	-13	PASS
Band12	5	23095	1	#0	QPSK	1410.40	-37.32	-13	PASS
Band12	5	23095	25	#0	QPSK	1418.50	-42.61	-13	PASS
Band12	5	23095	1	#0	QAM16	2116.00	-37.97	-13	PASS
Band12	5	23095	25	#0	QAM16	1417.60	-40.11	-13	PASS
Band12	5	23155	1	#0	QPSK	1423.00	-34.29	-13	PASS
Band12	5	23155	25	#0	QPSK	1426.60	-42.44	-13	PASS
Band12	5	23155	1	#0	QAM16	2134.00	-33.49	-13	PASS
Band12	5	23155	25	#0	QAM16	1425.70	-42.89	-13	PASS
Band12	10	23060	1	#0	QPSK	1399.60	-33.76	-13	PASS
Band12	10	23060	50	#0	QPSK	2110.60	-43.99	-13	PASS
Band12	10	23060	1	#0	QAM16	1399.60	-34.43	-13	PASS
Band12	10	23060	50	#0	QAM16	2113.30	-44.52	-13	PASS
Band12	10	23095	1	#0	QPSK	1406.80	-35.99	-13	PASS