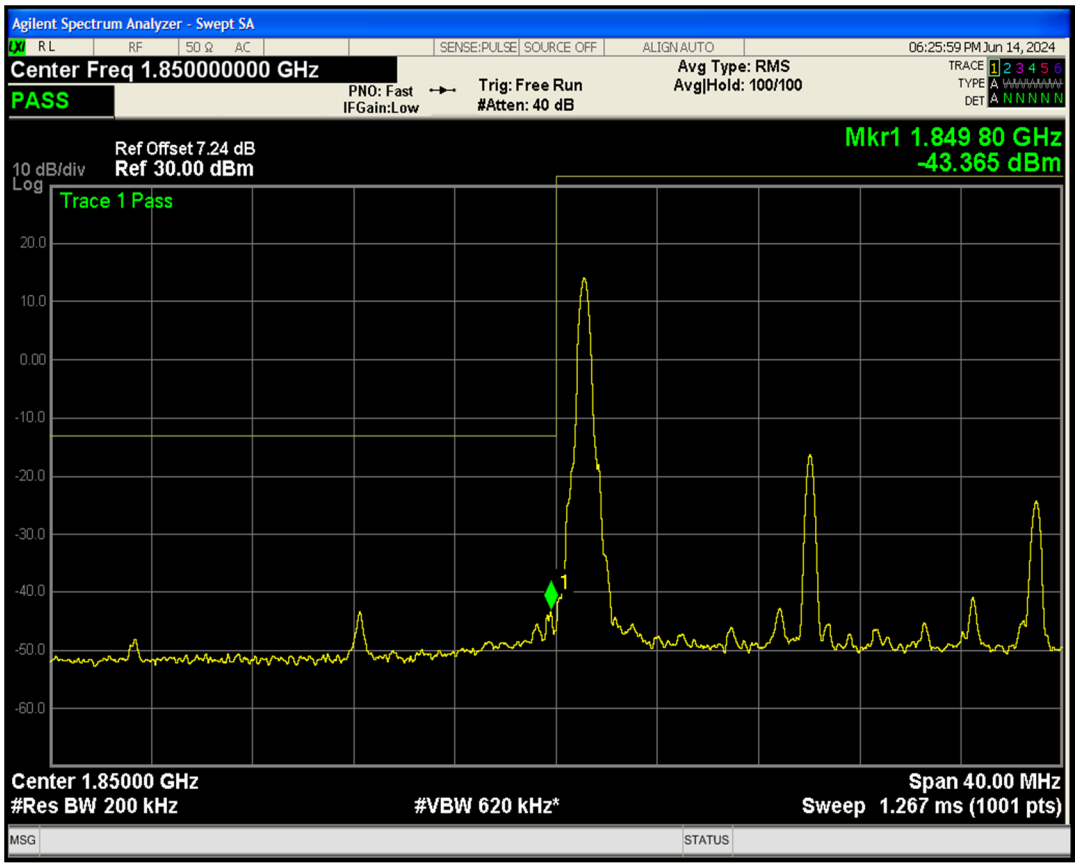
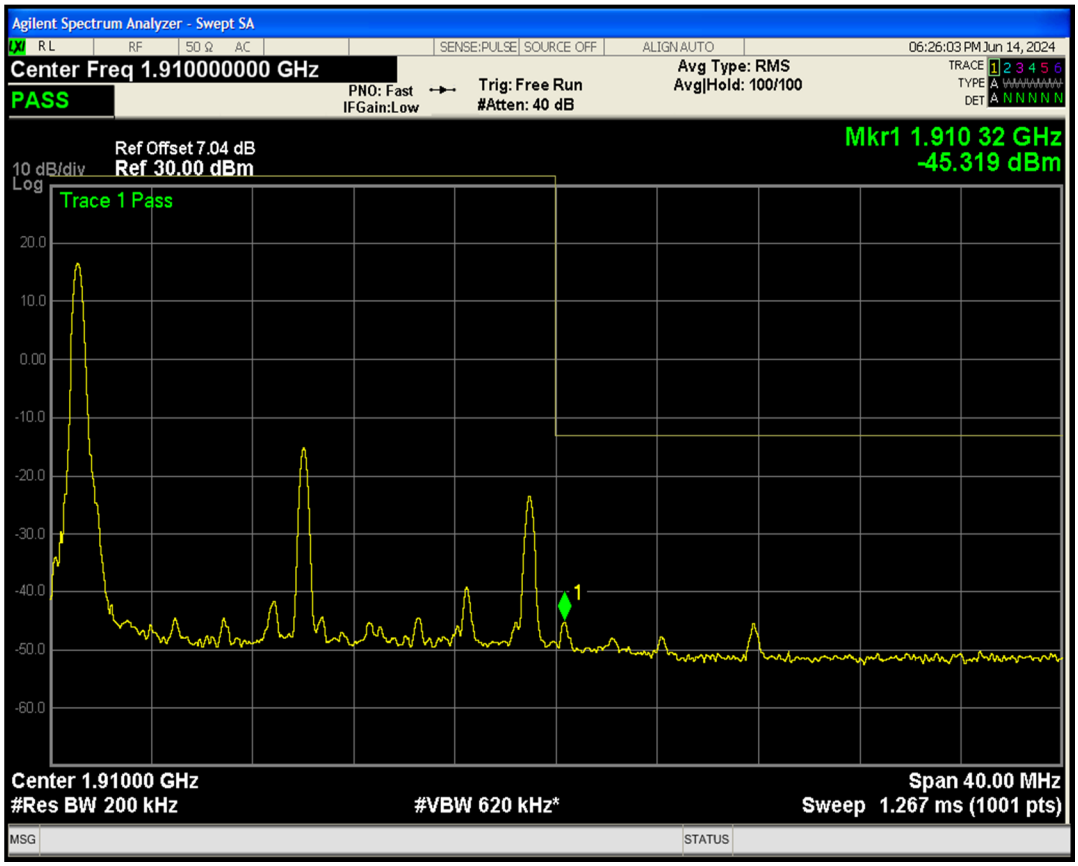
5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	20	18700	1	#0	QAM16	1849.80	-43.36	-13	PASS
Band2	20	19100	1	#0	QAM16	1910.32	-45.31	-13	PASS
Band38	20	37850	1	#0	QAM16	2568.63	-20.63	-10	PASS
Band38	20	38150	1	#0	QAM16	2642.32	-41.13	-25	PASS
Band4	20	20050	1	#0	QAM16	1709.72	-40.00	-13	PASS
Band4	20	20300	1	#0	QAM16	1771.80	-35.75	-13	PASS
Band41	20	39750	1	#0	QAM16	2494.60	-18.92	-13	PASS
Band41	20	41490	1	#0	QAM16	2714.48	-41.23	-25	PASS
Band7	20	20850	1	#0	QAM16	2476.80	-41.97	-25	PASS
Band7	20	21350	1	#0	QAM16	2593.18	-41.46	-25	PASS

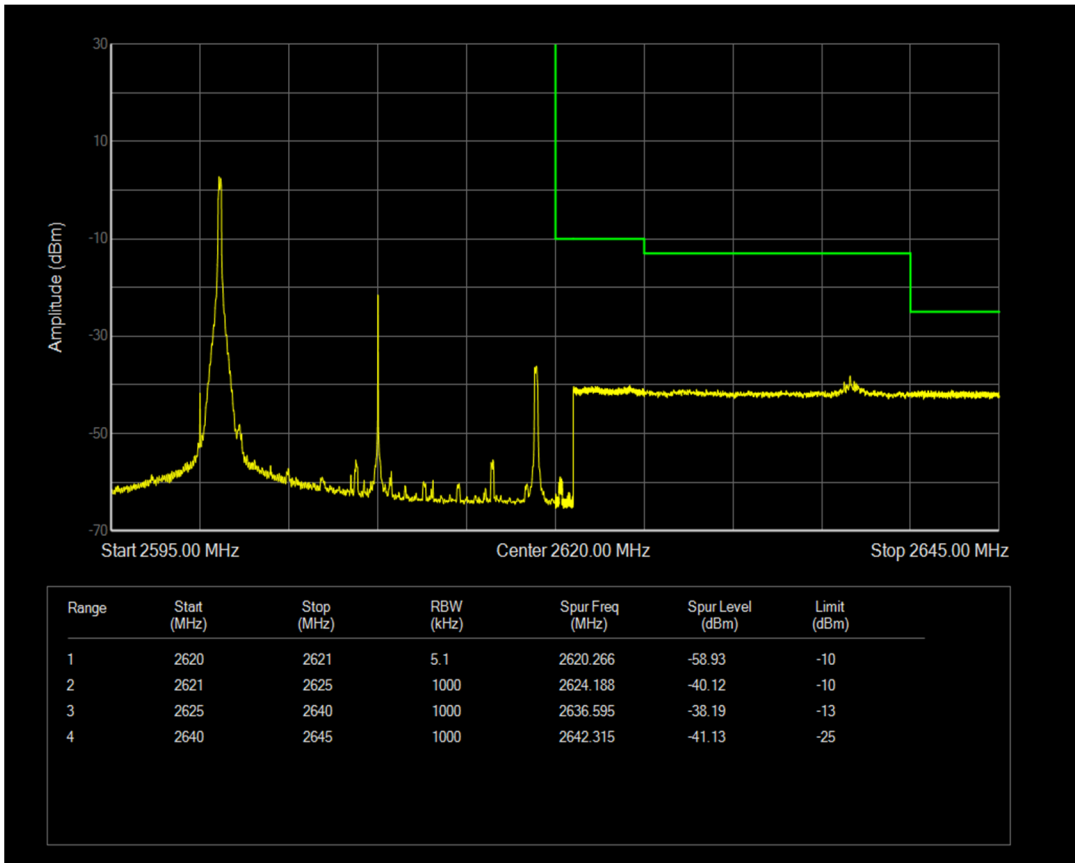
Band2 QAM16 BW=20MHz Channel=18700 RB Size=1 Position=#0



Band2 QAM16 BW=20MHz Channel=19100 RB Size=1 Position=#0

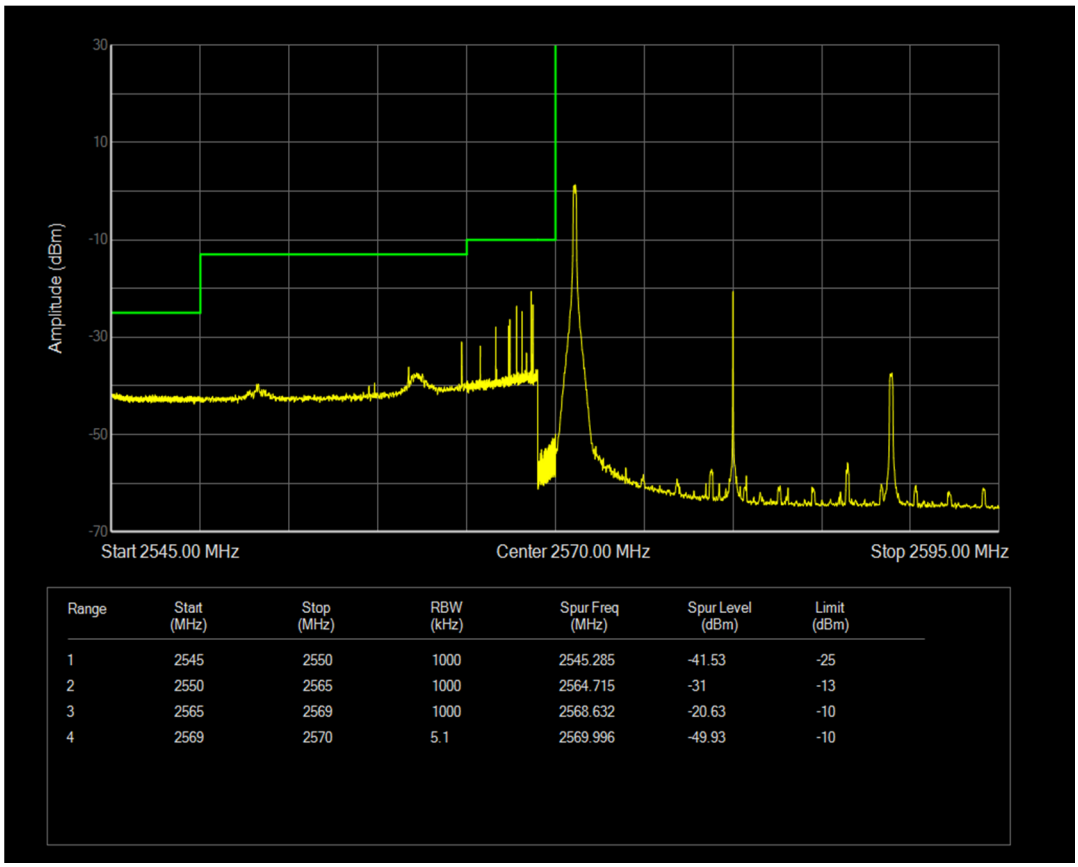


Band38 QAM16 BW=20MHz Channel=38150 RB Size=1 Position=#0



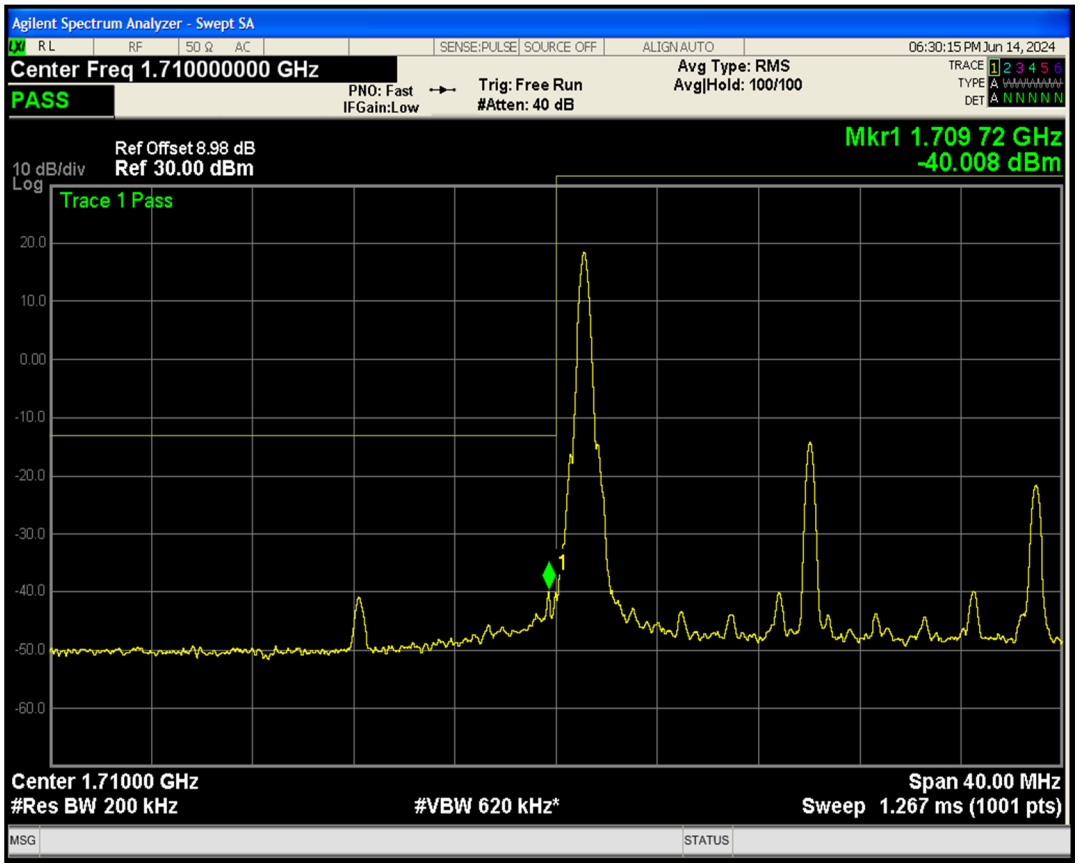
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	5.1	2620.266	-58.93	-10
2	2621	2625	1000	2624.188	-40.12	-10
3	2625	2640	1000	2636.595	-38.19	-13
4	2640	2645	1000	2642.315	-41.13	-25

Band38 QAM16 BW=20MHz Channel=37850 RB Size=1 Position=#0

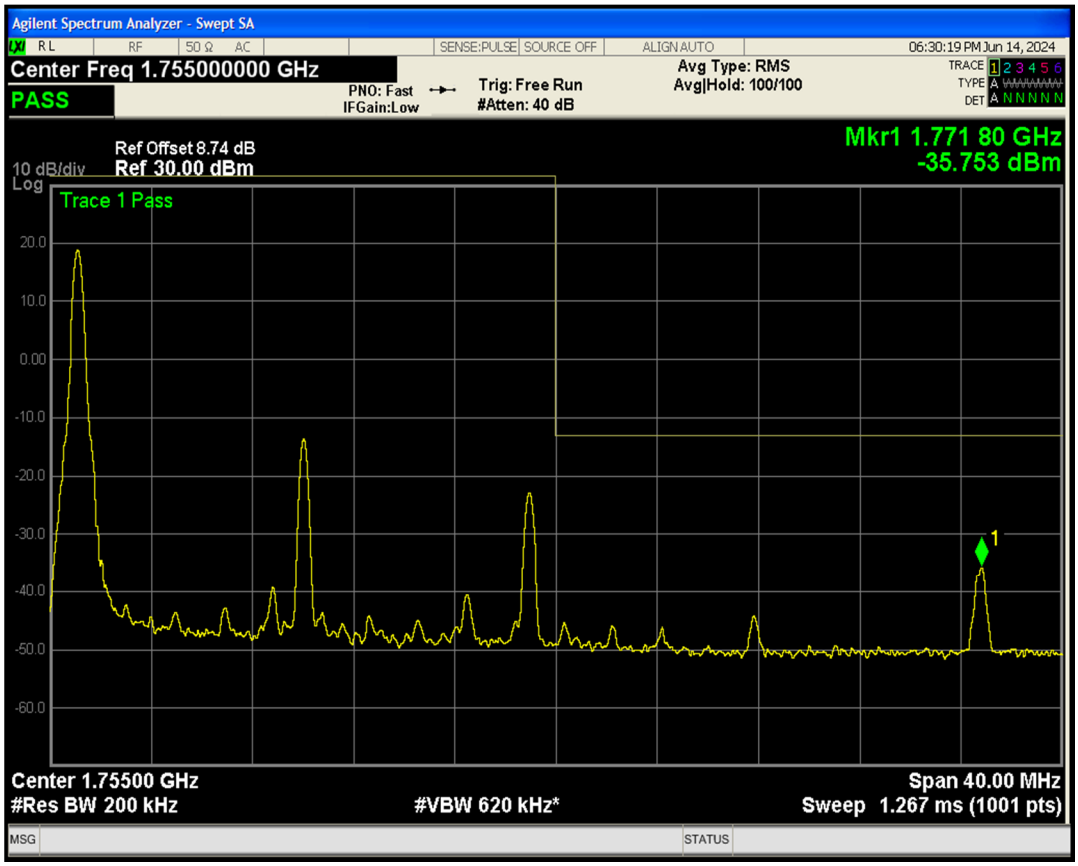


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2545.285	-41.53	-25
2	2550	2565	1000	2564.715	-31	-13
3	2565	2569	1000	2568.632	-20.63	-10
4	2569	2570	5.1	2569.996	-49.93	-10

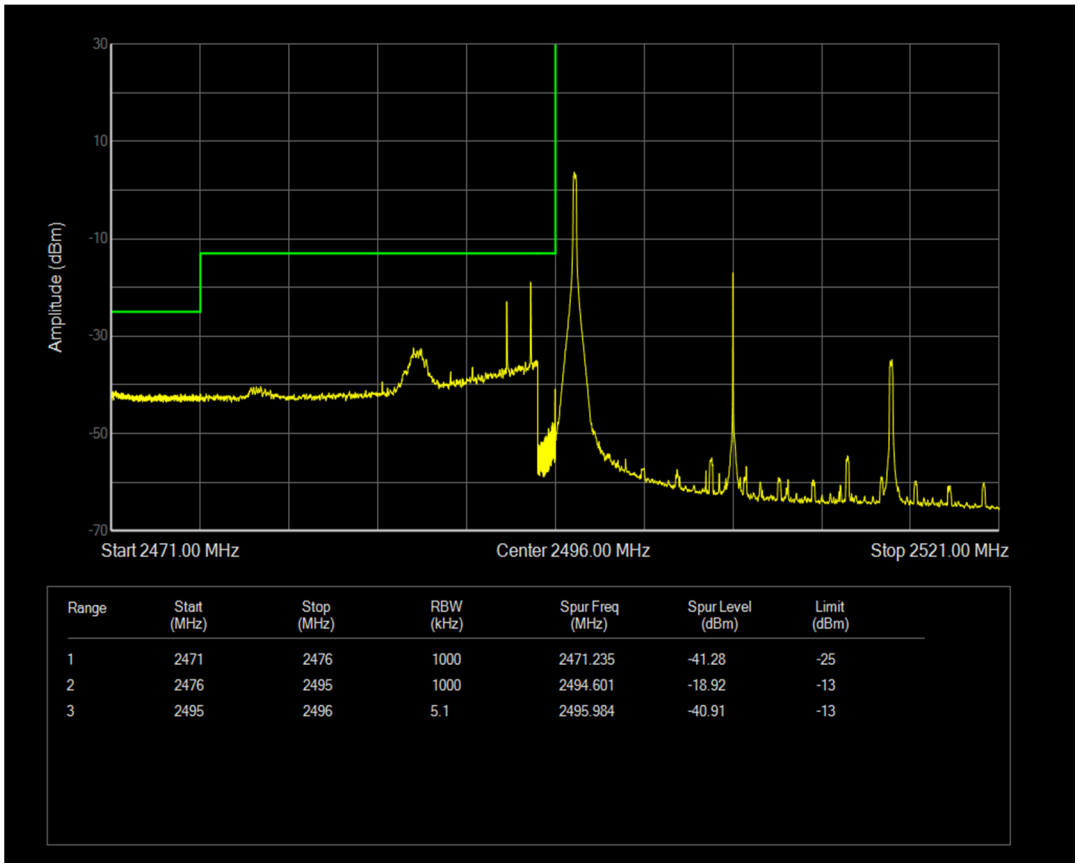
Band4 QAM16 BW=20MHz Channel=20050 RB Size=1 Position=#0



Band4 QAM16 BW=20MHz Channel=20300 RB Size=1 Position=#0

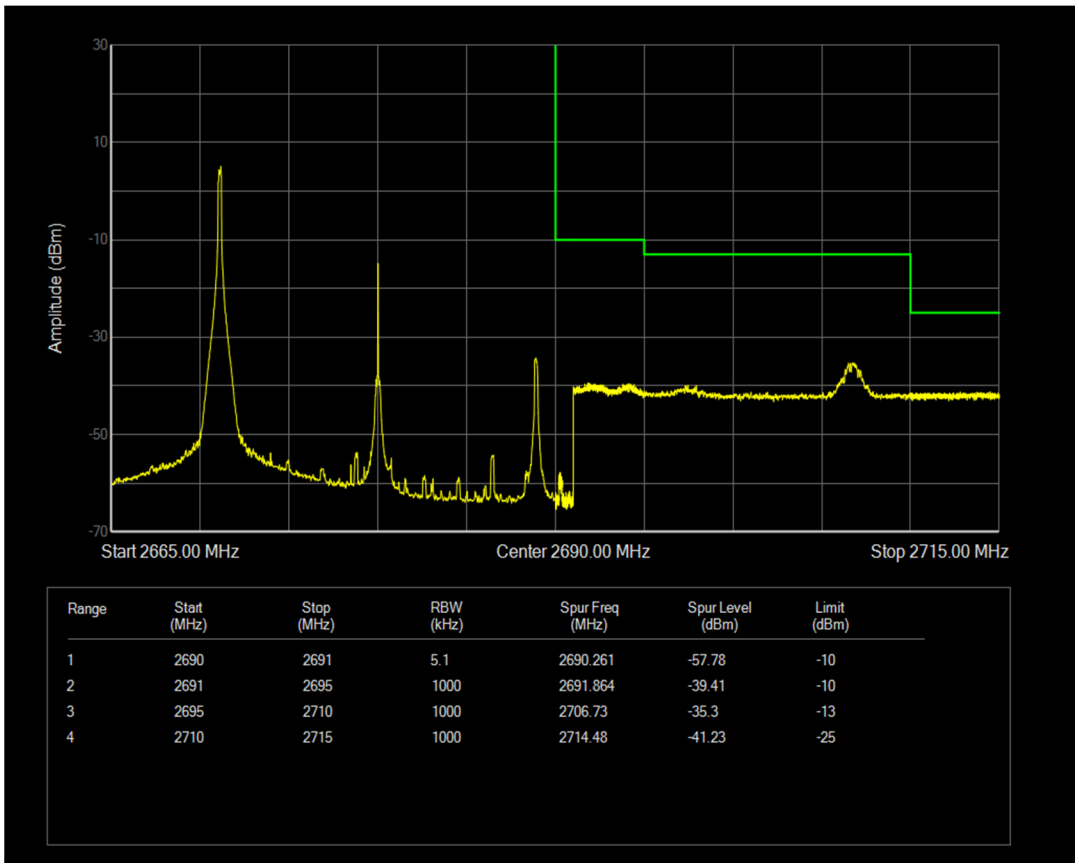


Band41 QAM16 BW=20MHz Channel=39750 RB Size=1 Position=#0



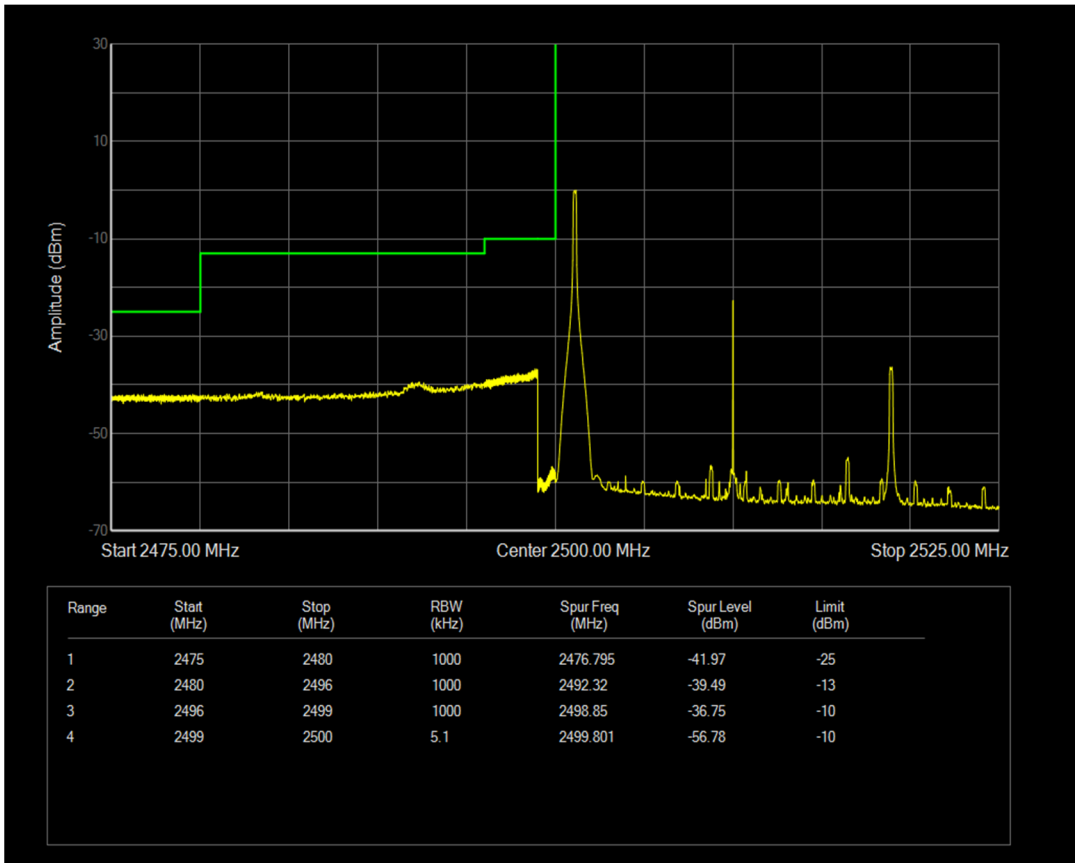
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2476	1000	2471.235	-41.28	-25
2	2476	2495	1000	2494.601	-18.92	-13
3	2495	2496	5.1	2495.984	-40.91	-13

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



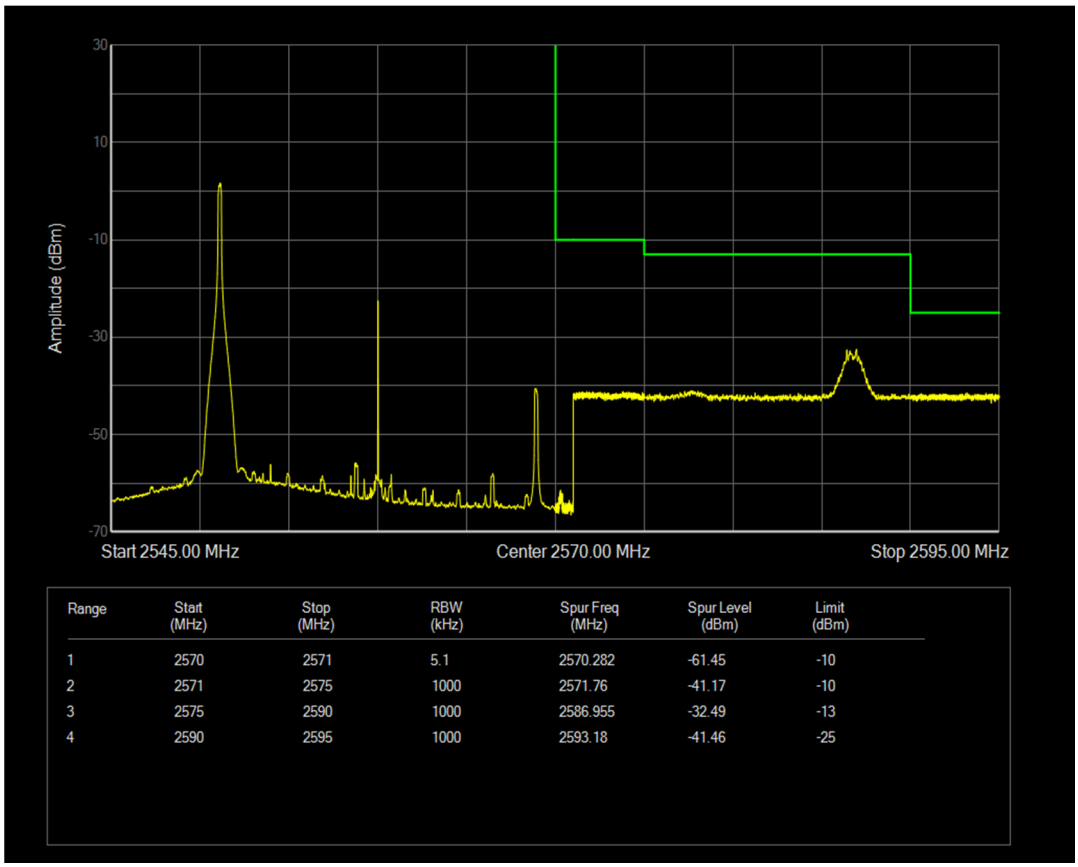
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	5.1	2690.261	-57.78	-10
2	2691	2695	1000	2691.864	-39.41	-10
3	2695	2710	1000	2706.73	-35.3	-13
4	2710	2715	1000	2714.48	-41.23	-25

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	2476.795	-41.97	-25
2	2480	2496	1000	2492.32	-39.49	-13
3	2496	2499	1000	2498.85	-36.75	-10
4	2499	2500	5.1	2499.801	-56.78	-10

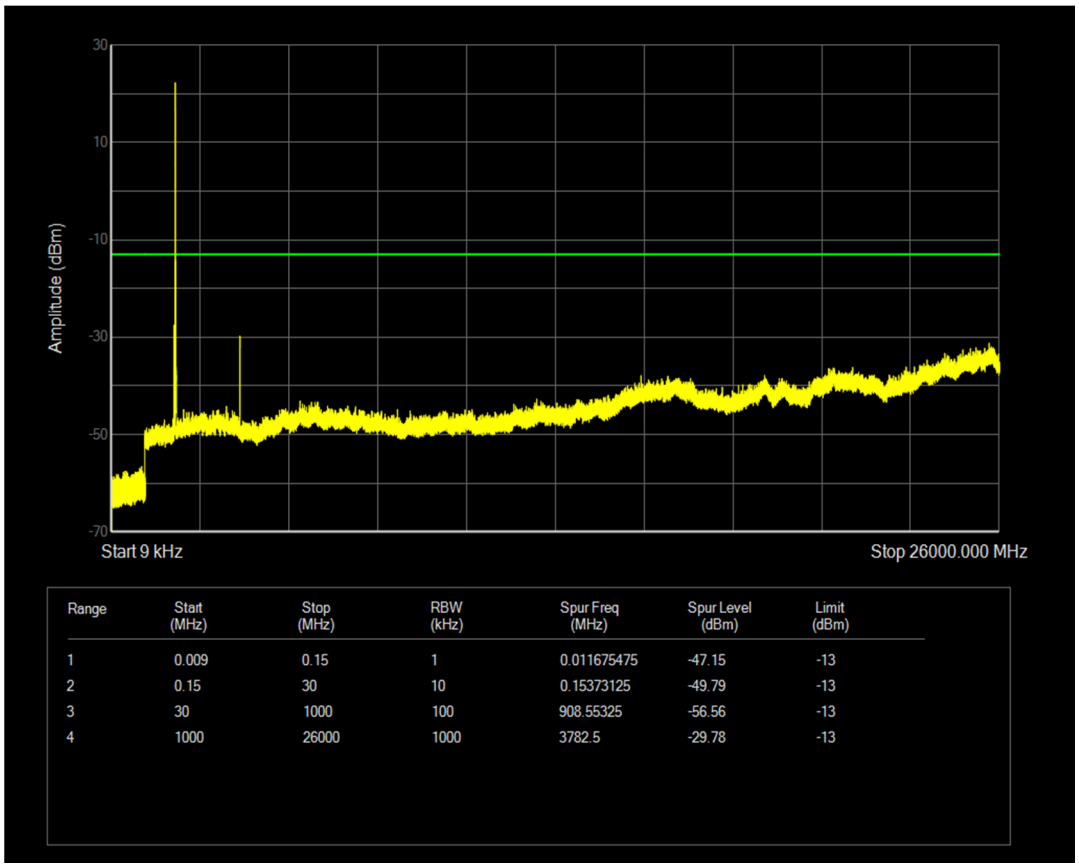
Band7 QAM16 BW=20MHz Channel=21350 RB Size=1 Position=#0



6 Out-of-band emissions

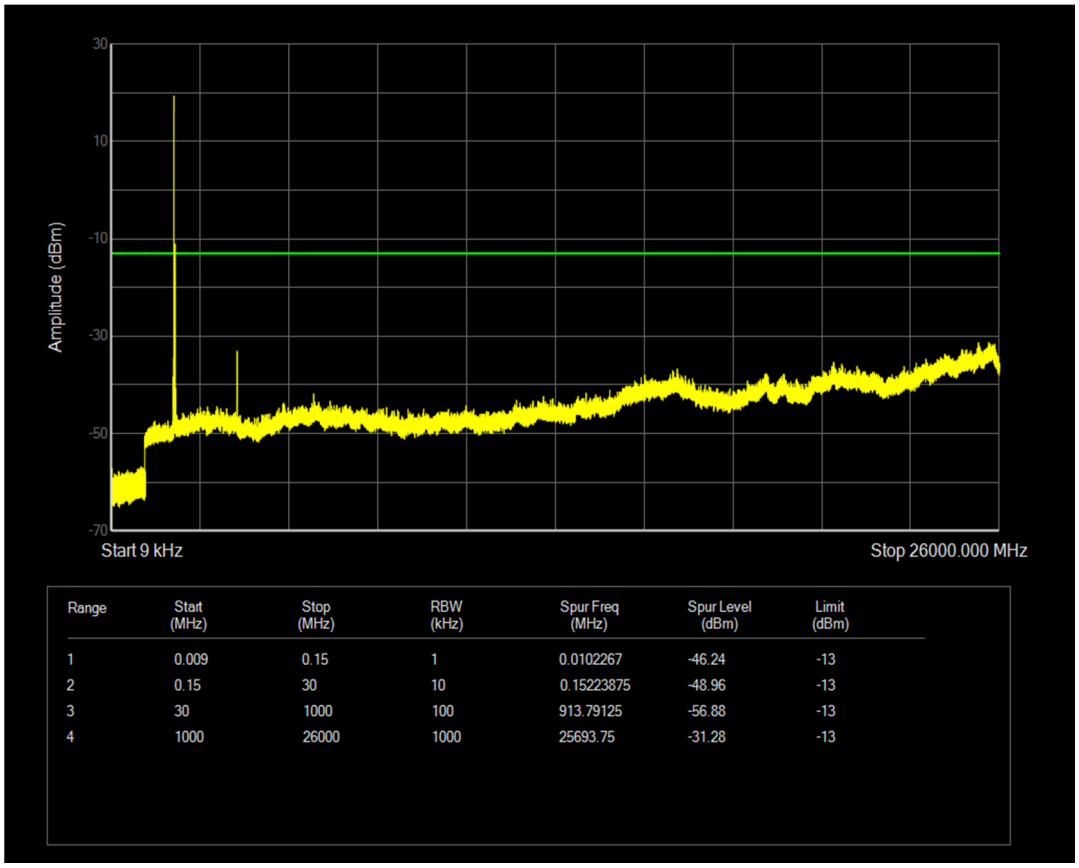
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	20	18700	1	#0	QAM16	25693.75	-31.28	-13	PASS
Band2	20	19100	1	#0	QAM16	3782.50	-29.78	-13	PASS
Band38	20	37850	1	#0	QAM16	25420.00	-31.07	-25	PASS
Band38	20	38150	1	#0	QAM16	25750.00	-30.45	-25	PASS
Band4	20	20050	1	#0	QAM16	25767.50	-29.10	-13	PASS
Band4	20	20300	1	#0	QAM16	25713.75	-29.69	-13	PASS
Band41	20	39750	1	#0	QAM16	25639.38	-31.32	-25	PASS
Band41	20	41490	1	#0	QAM16	25769.38	-31.03	-25	PASS
Band7	20	20850	1	#0	QAM16	25726.88	-31.39	-25	PASS
Band7	20	21350	1	#0	QAM16	25111.88	-30.58	-25	PASS

Band2 QAM16 BW=20MHz Channel=19100 RB Size=1 Position=#0



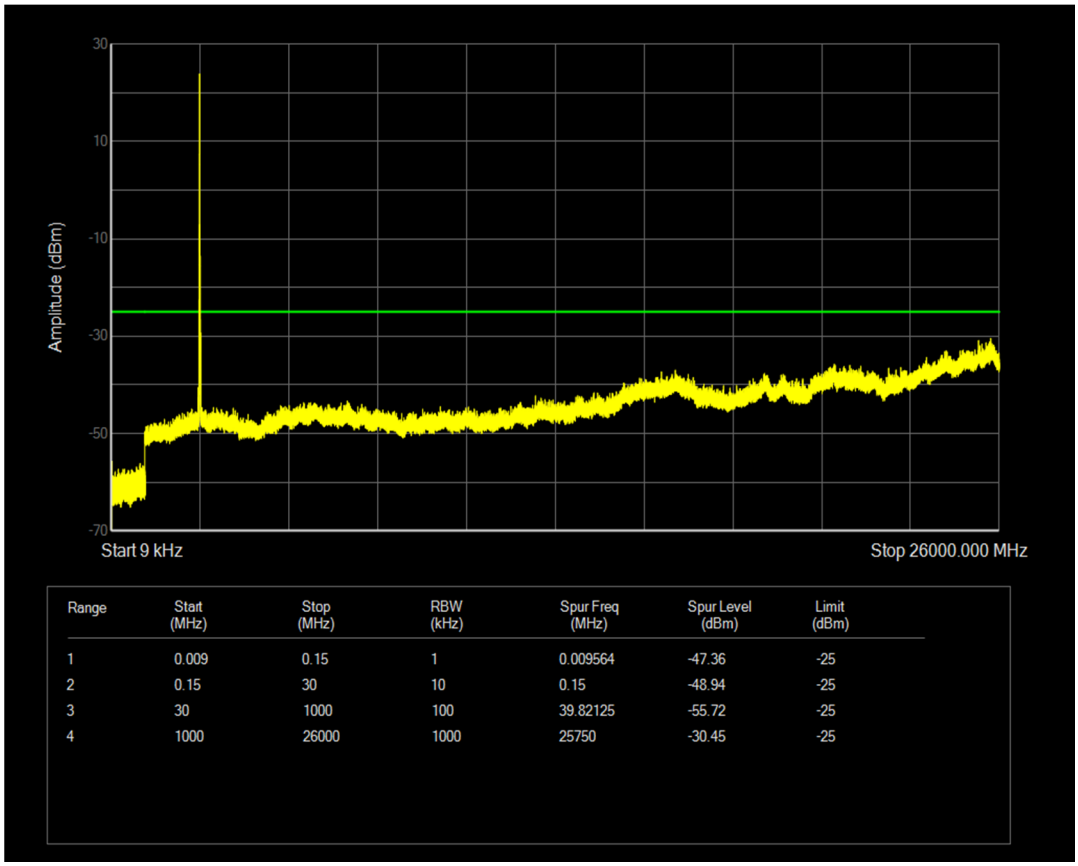
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011675475	-47.15	-13
2	0.15	30	10	0.15373125	-49.79	-13
3	30	1000	100	908.55325	-56.56	-13
4	1000	26000	1000	3782.5	-29.78	-13

Band2 QAM16 BW=20MHz Channel=18700 RB Size=1 Position=#0



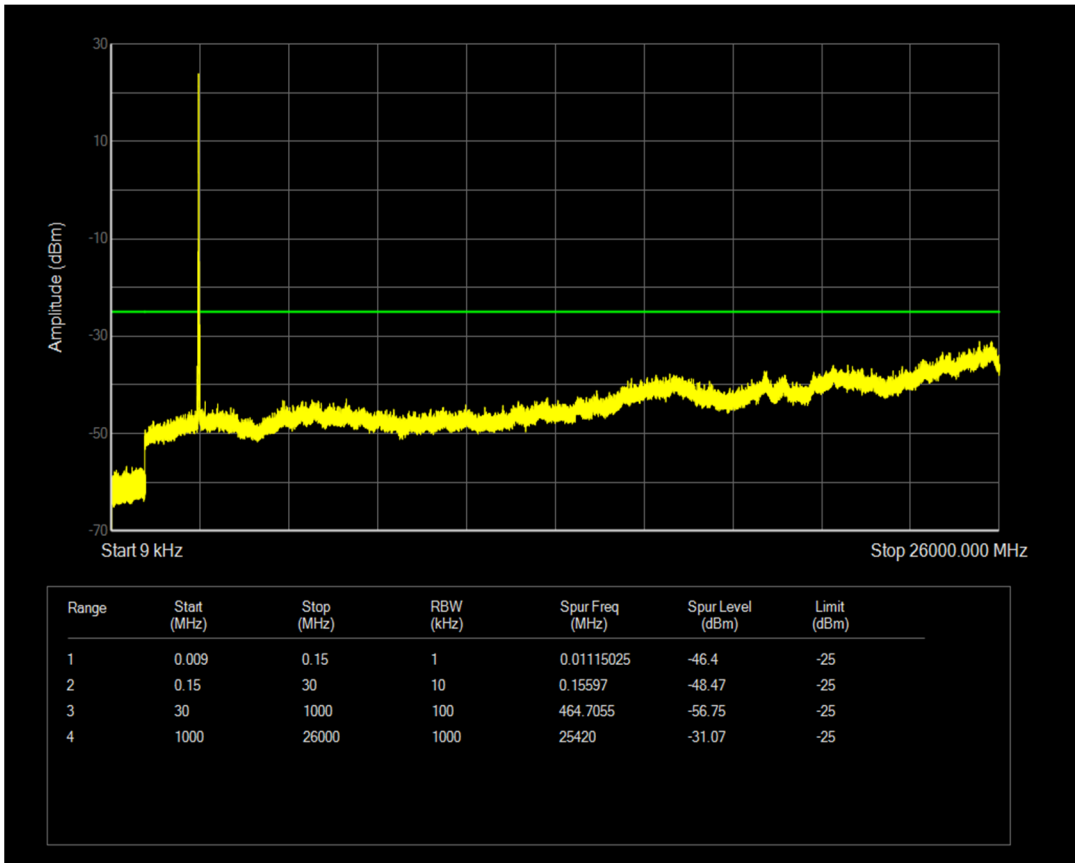
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0102267	-46.24	-13
2	0.15	30	10	0.15223875	-48.96	-13
3	30	1000	100	913.79125	-56.88	-13
4	1000	26000	1000	25693.75	-31.28	-13

Band38 QAM16 BW=20MHz Channel=38150 RB Size=1 Position=#0



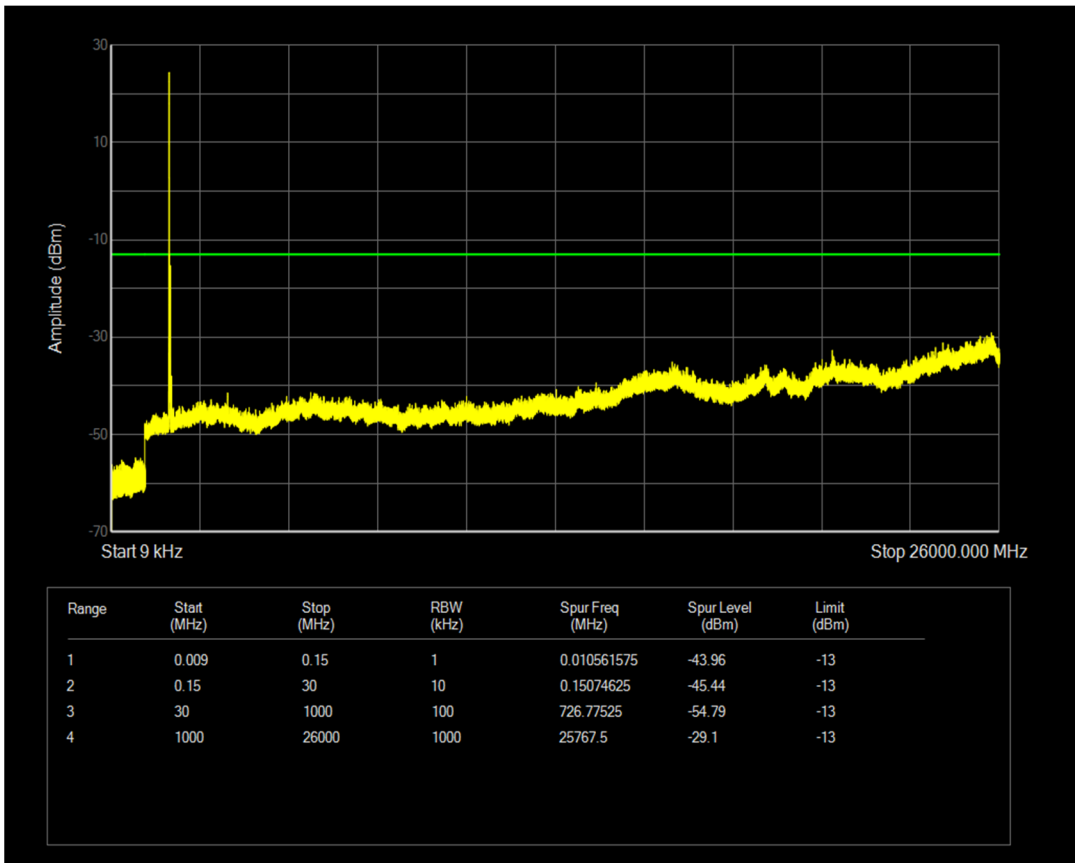
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009564	-47.36	-25
2	0.15	30	10	0.15	-48.94	-25
3	30	1000	100	39.82125	-55.72	-25
4	1000	26000	1000	25750	-30.45	-25

Band38 QAM16 BW=20MHz Channel=37850 RB Size=1 Position=#0



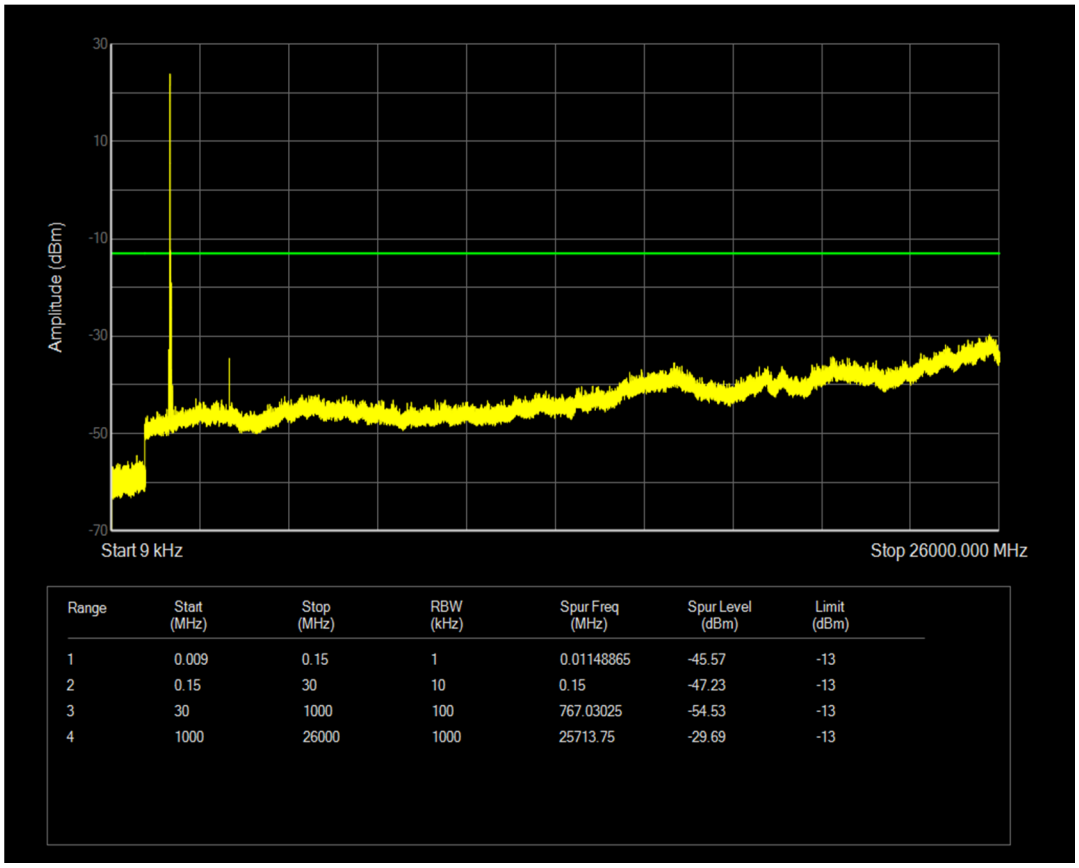
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01115025	-46.4	-25
2	0.15	30	10	0.15597	-48.47	-25
3	30	1000	100	464.7055	-56.75	-25
4	1000	26000	1000	25420	-31.07	-25

Band4 QAM16 BW=20MHz Channel=20050 RB Size=1 Position=#0



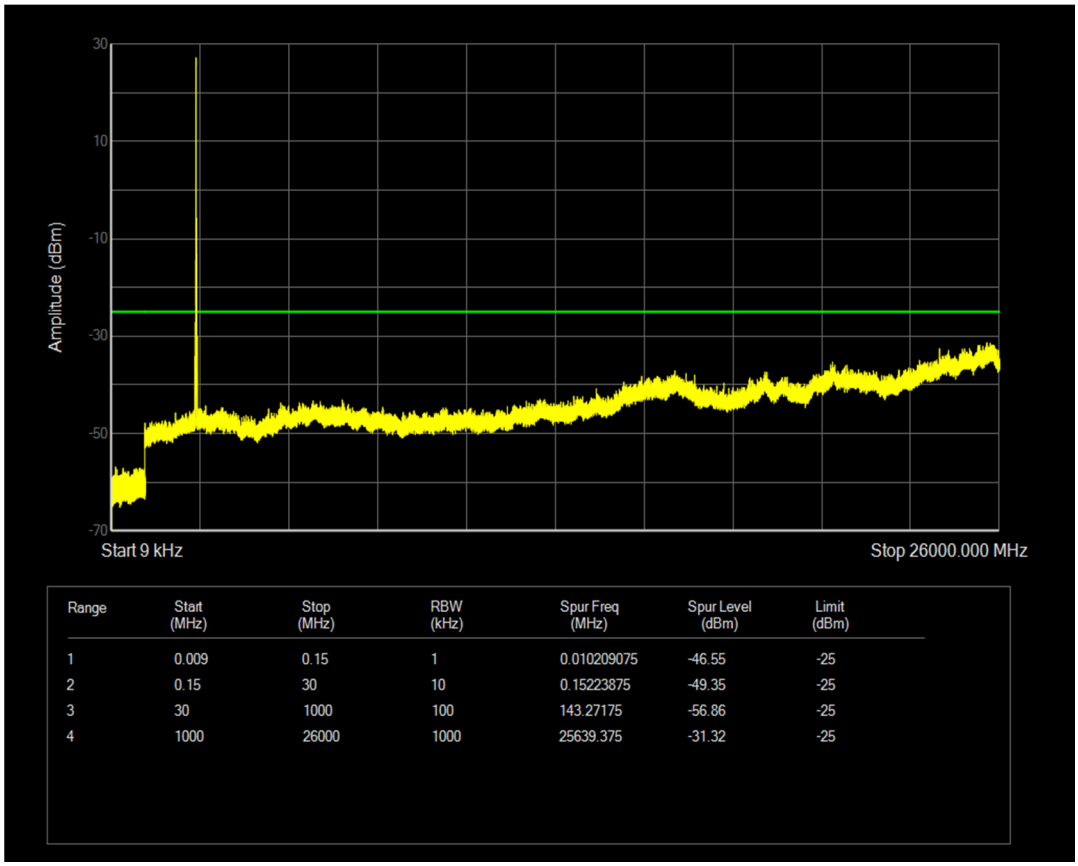
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010561575	-43.96	-13
2	0.15	30	10	0.15074625	-45.44	-13
3	30	1000	100	726.77525	-54.79	-13
4	1000	26000	1000	25767.5	-29.1	-13

Band4 QAM16 BW=20MHz Channel=20300 RB Size=1 Position=#0



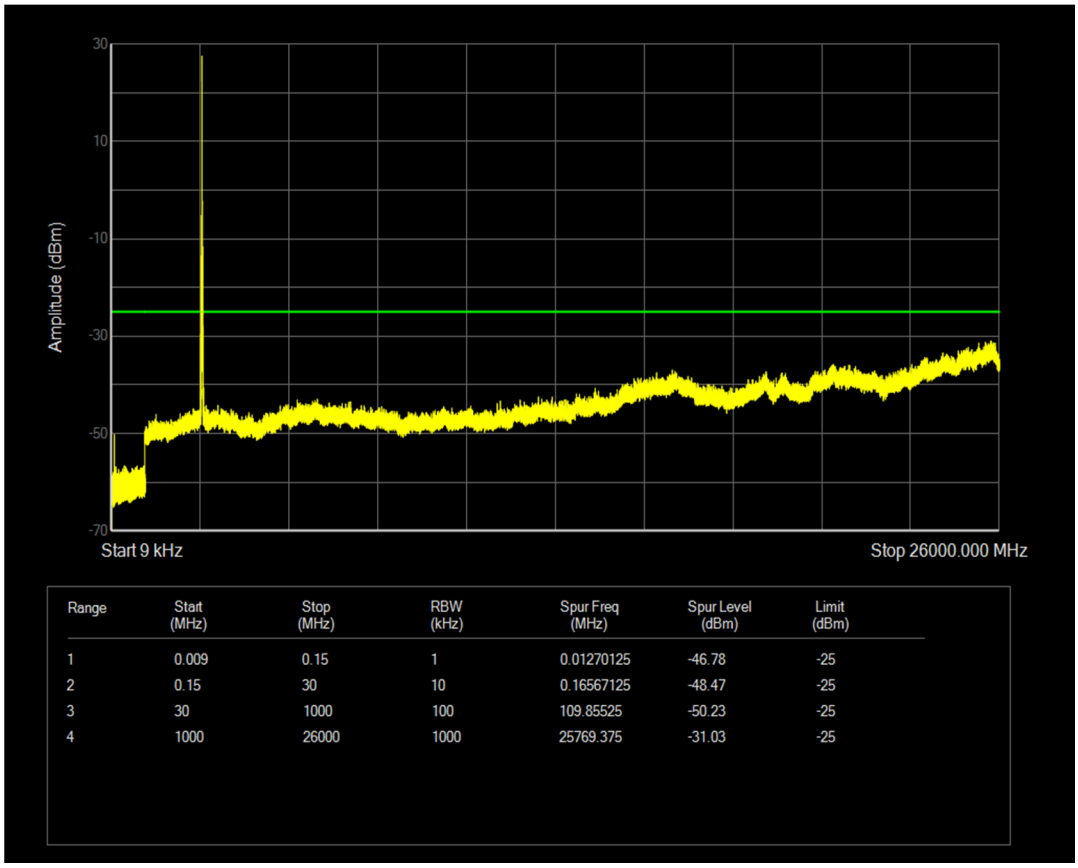
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01148865	-45.57	-13
2	0.15	30	10	0.15	-47.23	-13
3	30	1000	100	767.03025	-54.53	-13
4	1000	26000	1000	25713.75	-29.69	-13

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



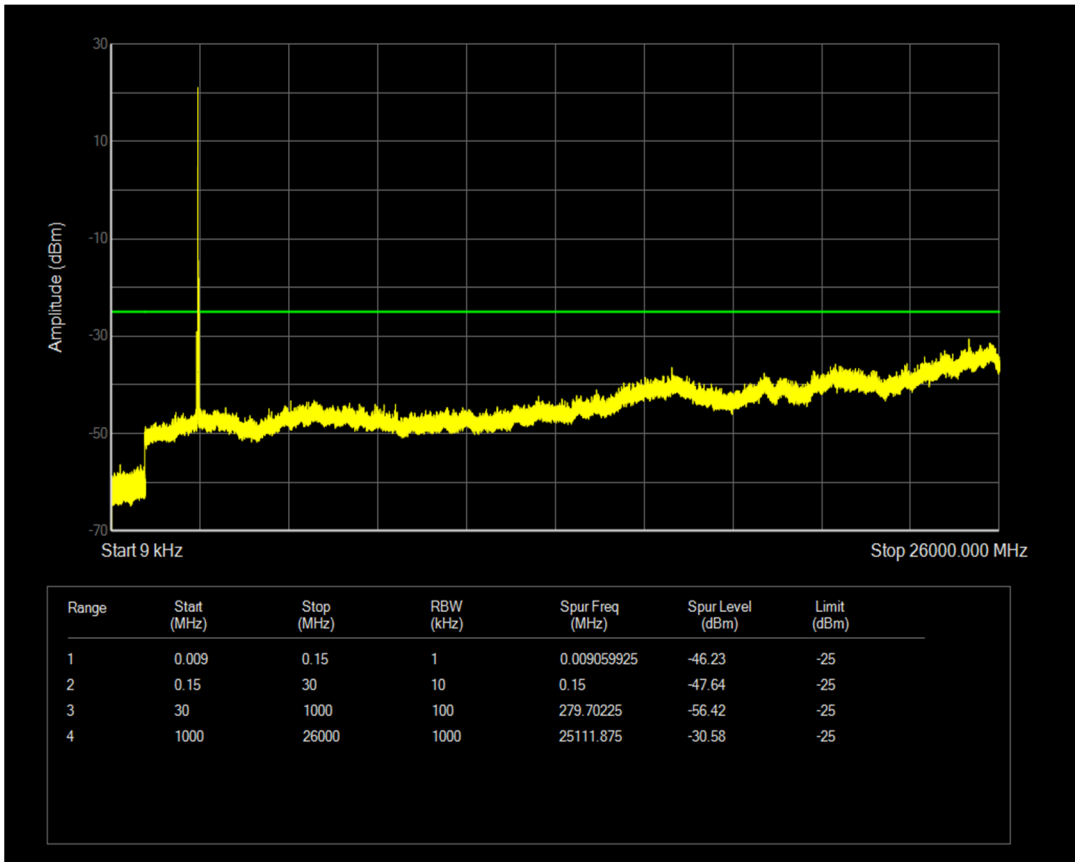
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010209075	-46.55	-25
2	0.15	30	10	0.15223875	-49.35	-25
3	30	1000	100	143.27175	-56.86	-25
4	1000	26000	1000	25639.375	-31.32	-25

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



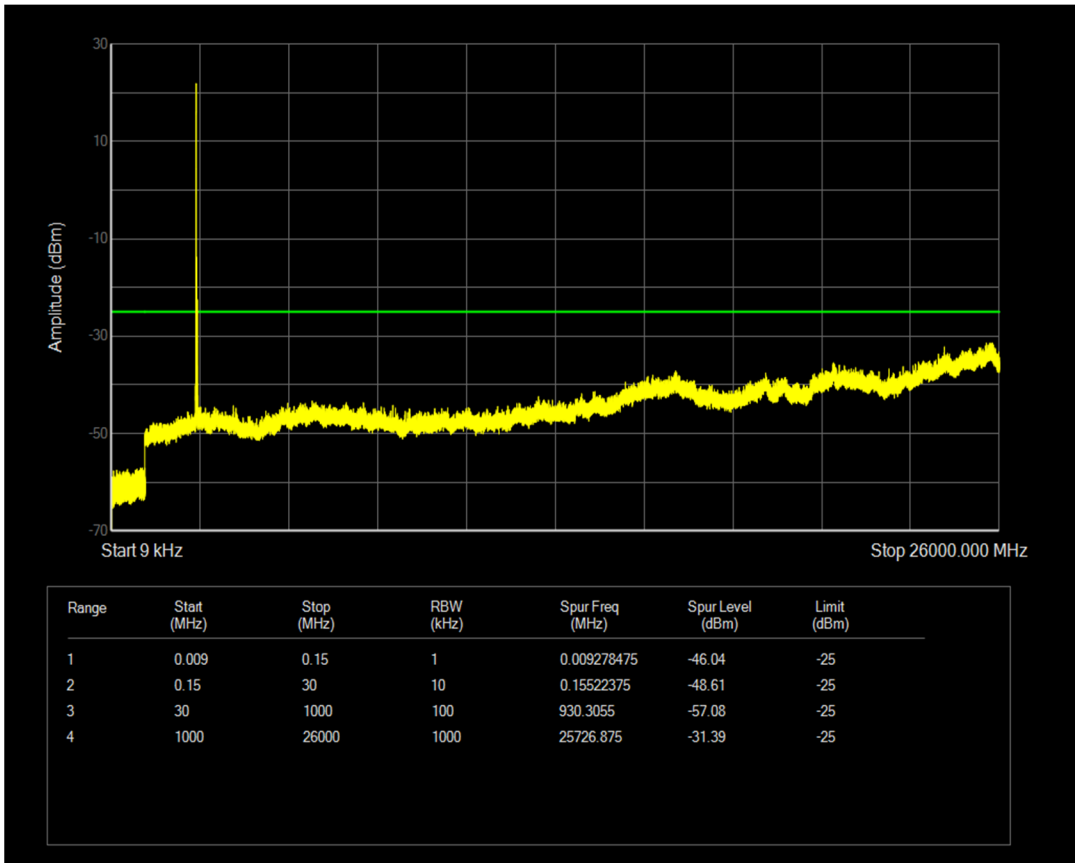
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01270125	-46.78	-25
2	0.15	30	10	0.16567125	-48.47	-25
3	30	1000	100	109.85525	-50.23	-25
4	1000	26000	1000	25769.375	-31.03	-25

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	0.009	0.15	1	0.009059925	-46.23	-25
2	0.15	30	10	0.15	-47.64	-25
3	30	1000	100	279.70225	-56.42	-25
4	1000	26000	1000	25111.875	-30.58	-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	0.009	0.15	1	0.009278475	-46.04	-25
2	0.15	30	10	0.15522375	-48.61	-25
3	30	1000	100	930.3055	-57.08	-25
4	1000	26000	1000	25726.875	-31.39	-25