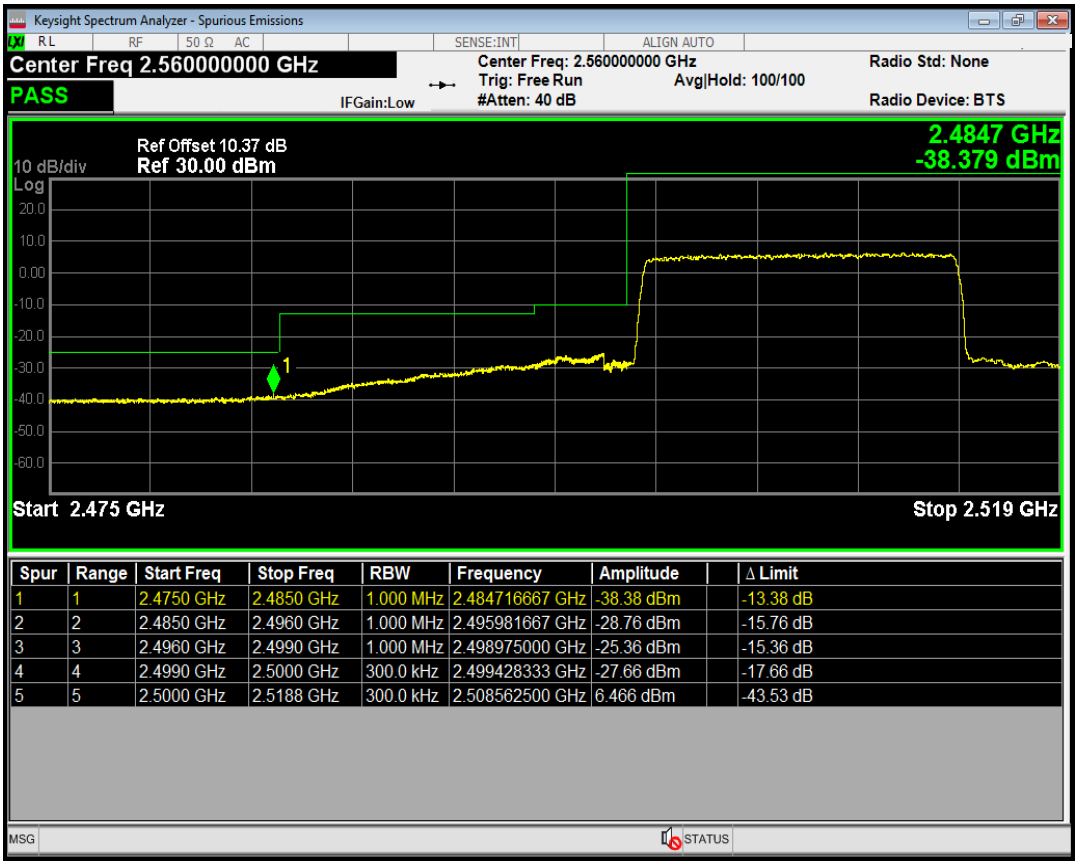
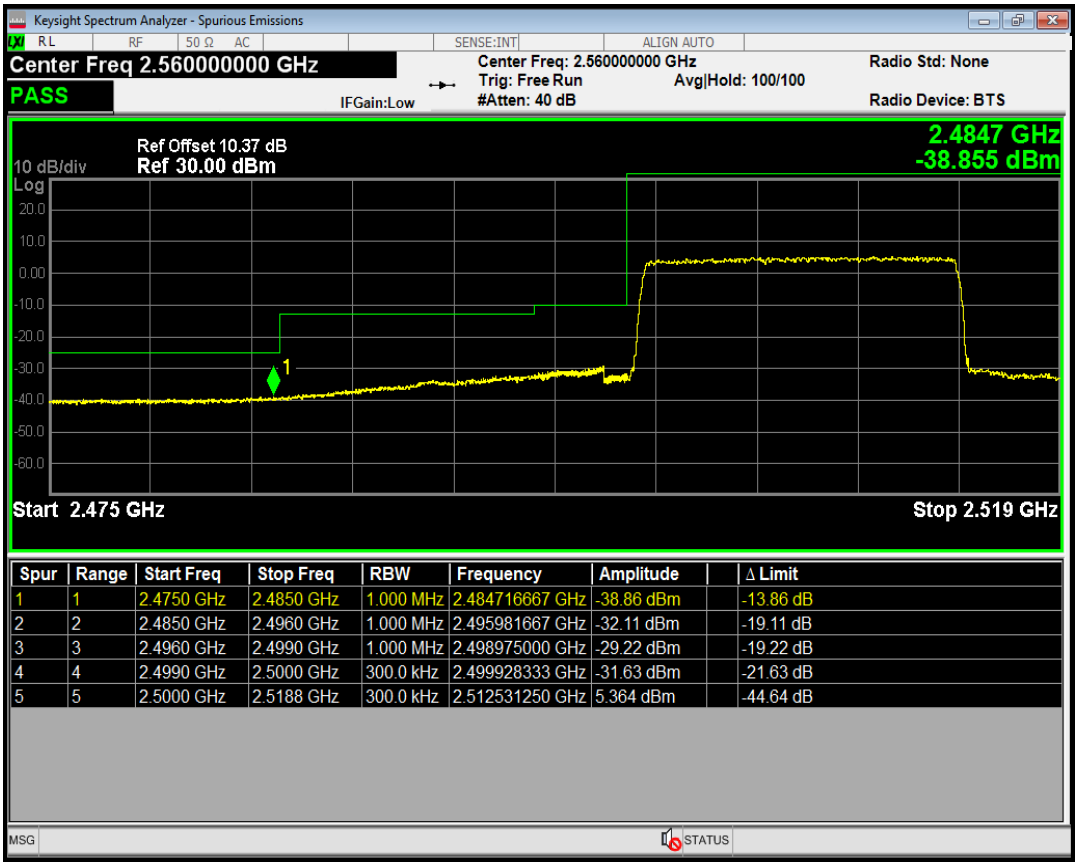
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



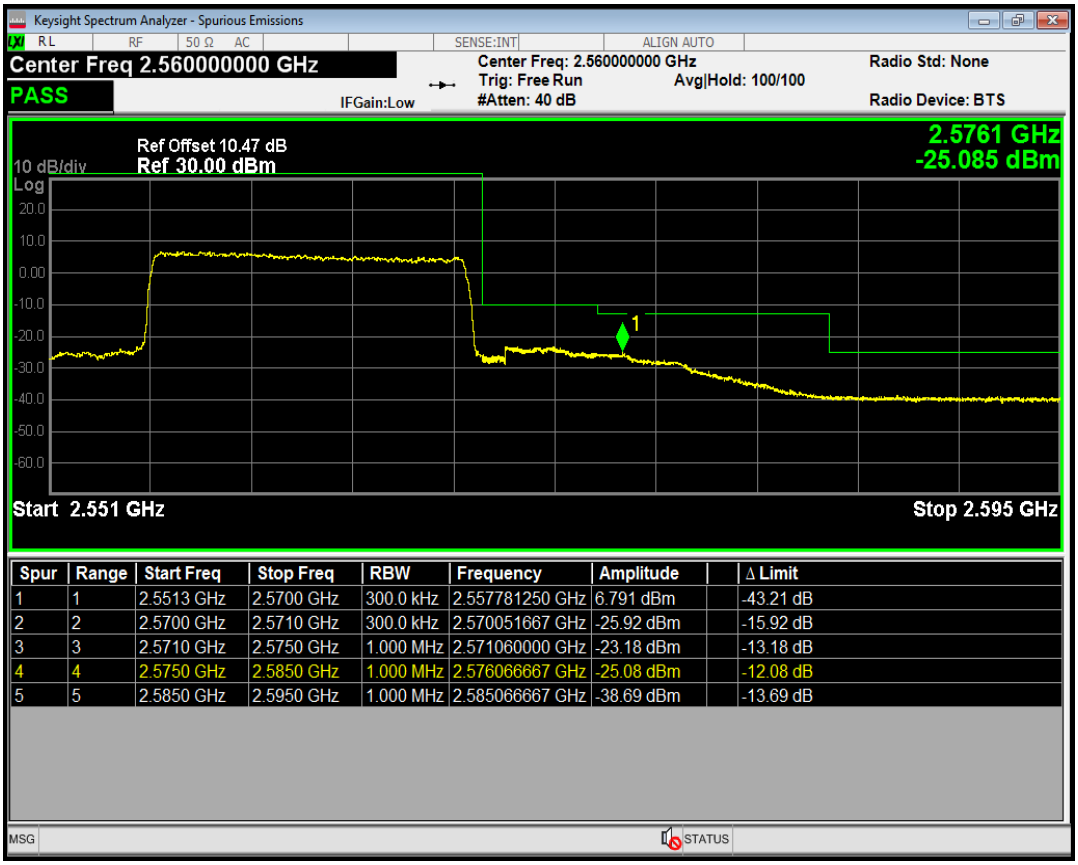
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.4750 GHz	2.4850 GHz	1.000 MHz	2.484716667 GHz	-38.38 dBm		-13.38 dB
2	2	2.4850 GHz	2.4960 GHz	1.000 MHz	2.495981667 GHz	-28.76 dBm		-15.76 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498975000 GHz	-25.36 dBm		-15.36 dB
4	4	2.4990 GHz	2.5000 GHz	300.0 kHz	2.499428333 GHz	-27.66 dBm		-17.66 dB
5	5	2.5000 GHz	2.5188 GHz	300.0 kHz	2.508562500 GHz	6.466 dBm		-43.53 dB

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



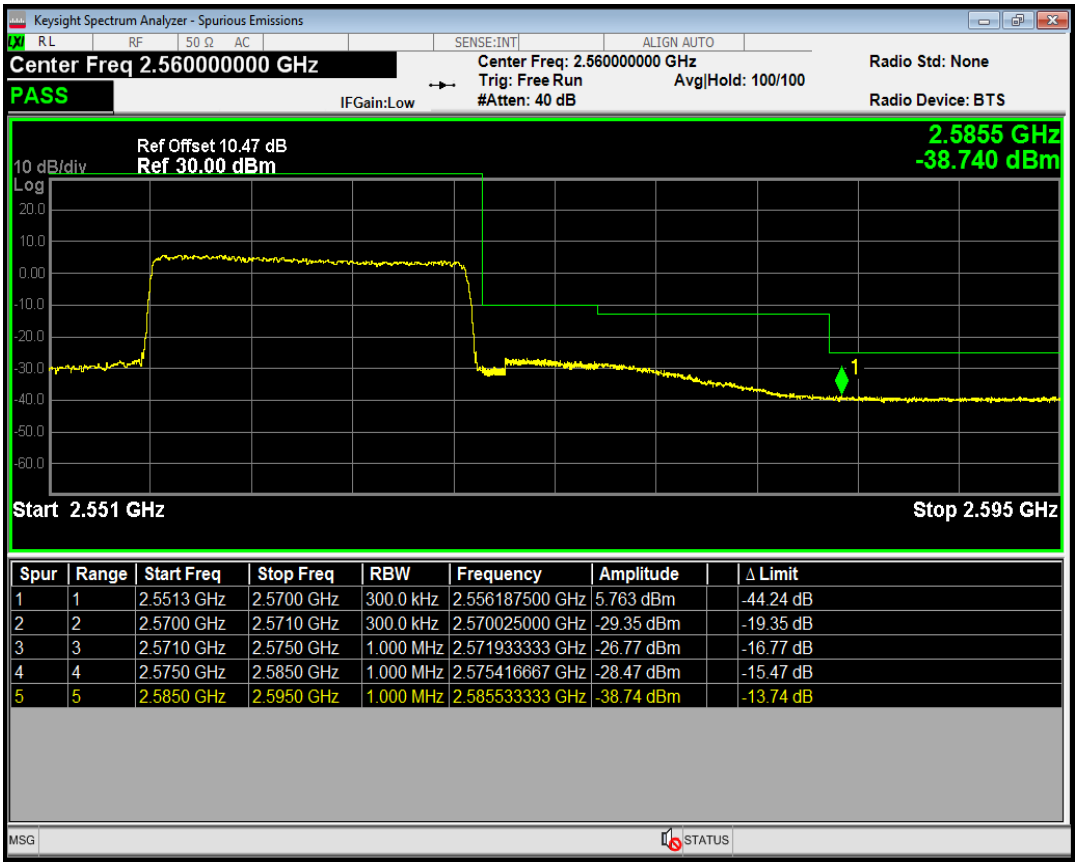
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.4750 GHz	2.4850 GHz	1.000 MHz	2.484716667 GHz	-38.86 dBm		-13.86 dB
2	2	2.4850 GHz	2.4960 GHz	1.000 MHz	2.495981667 GHz	-32.11 dBm		-19.11 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498975000 GHz	-29.22 dBm		-19.22 dB
4	4	2.4990 GHz	2.5000 GHz	300.0 kHz	2.499928333 GHz	-31.63 dBm		-21.63 dB
5	5	2.5000 GHz	2.5188 GHz	300.0 kHz	2.512531250 GHz	5.364 dBm		-44.64 dB

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



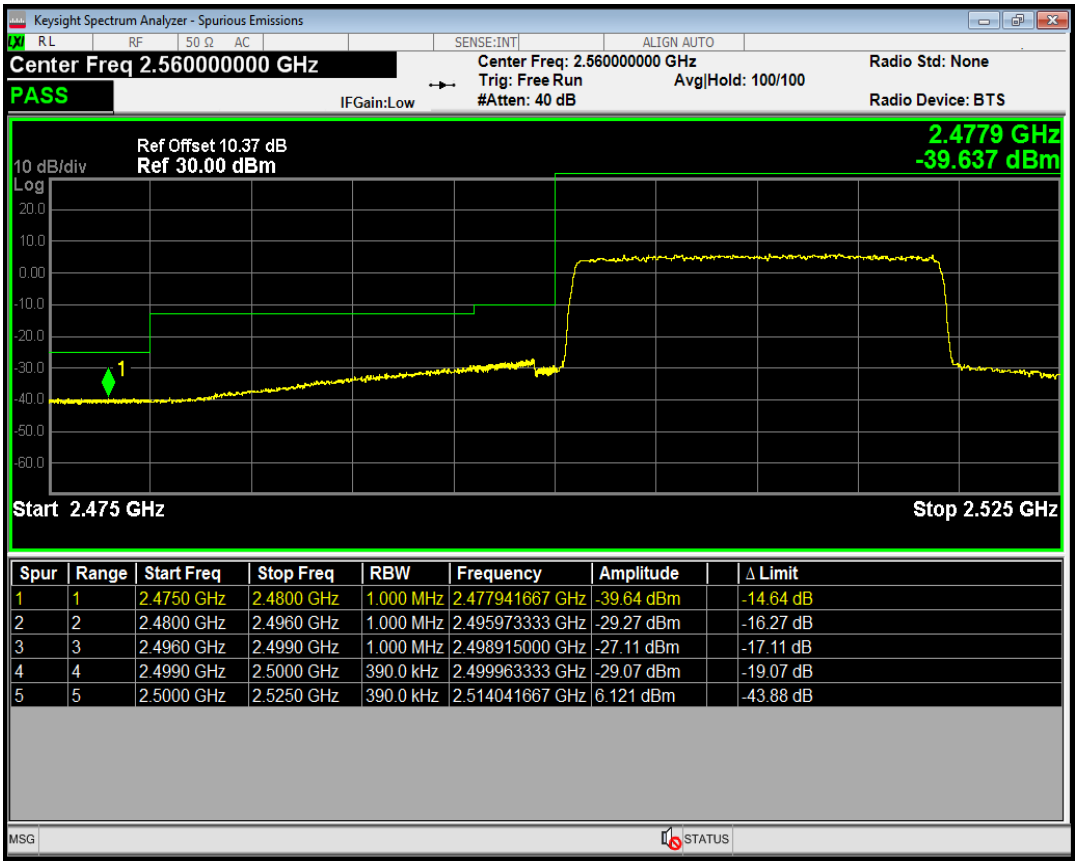
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.5513 GHz	2.5700 GHz	300.0 kHz	2.557781250 GHz	6.791 dBm		-43.21 dB
2	2	2.5700 GHz	2.5710 GHz	300.0 kHz	2.570051667 GHz	-25.92 dBm		-15.92 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571060000 GHz	-23.18 dBm		-13.18 dB
4	4	2.5750 GHz	2.5850 GHz	1.000 MHz	2.576066667 GHz	-25.08 dBm		-12.08 dB
5	5	2.5850 GHz	2.5950 GHz	1.000 MHz	2.585066667 GHz	-38.69 dBm		-13.69 dB

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



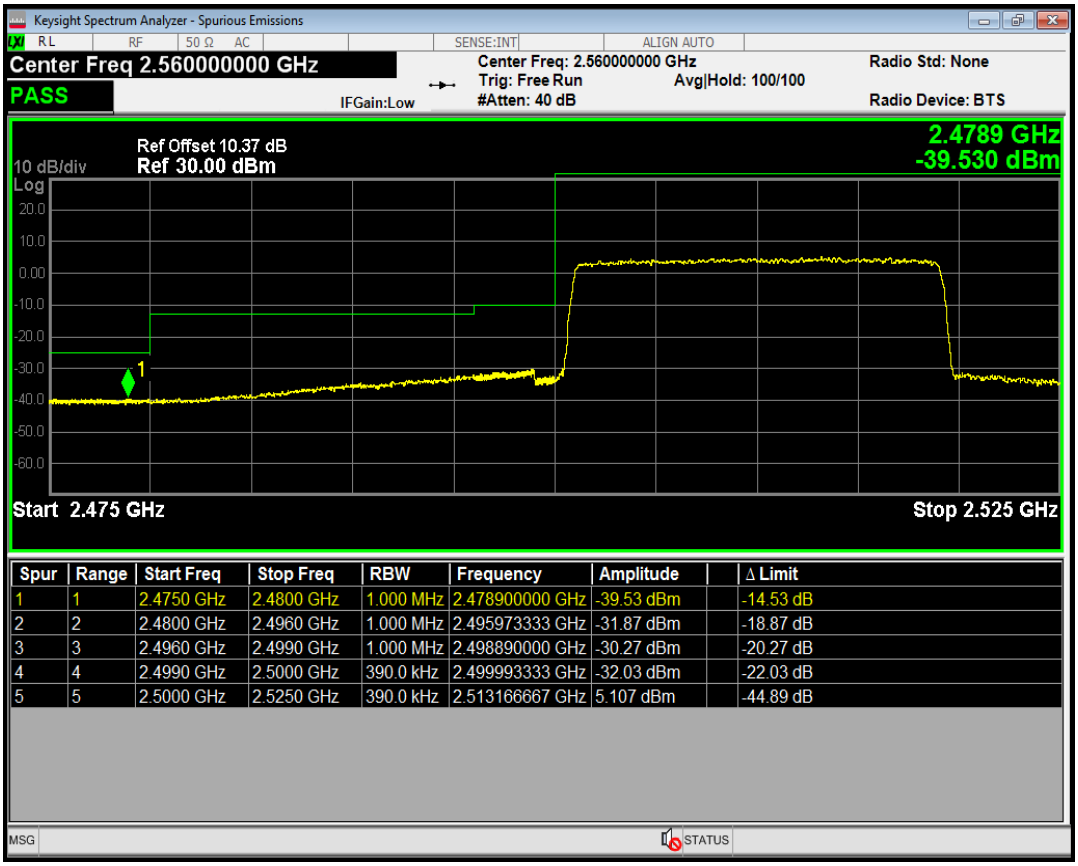
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.5513 GHz	2.5700 GHz	300.0 kHz	2.556187500 GHz	5.763 dBm		-44.24 dB
2	2	2.5700 GHz	2.5710 GHz	300.0 kHz	2.570025000 GHz	-29.35 dBm		-19.35 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571933333 GHz	-26.77 dBm		-16.77 dB
4	4	2.5750 GHz	2.5850 GHz	1.000 MHz	2.575416667 GHz	-28.47 dBm		-15.47 dB
5	5	2.5850 GHz	2.5950 GHz	1.000 MHz	2.585533333 GHz	-38.74 dBm		-13.74 dB

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



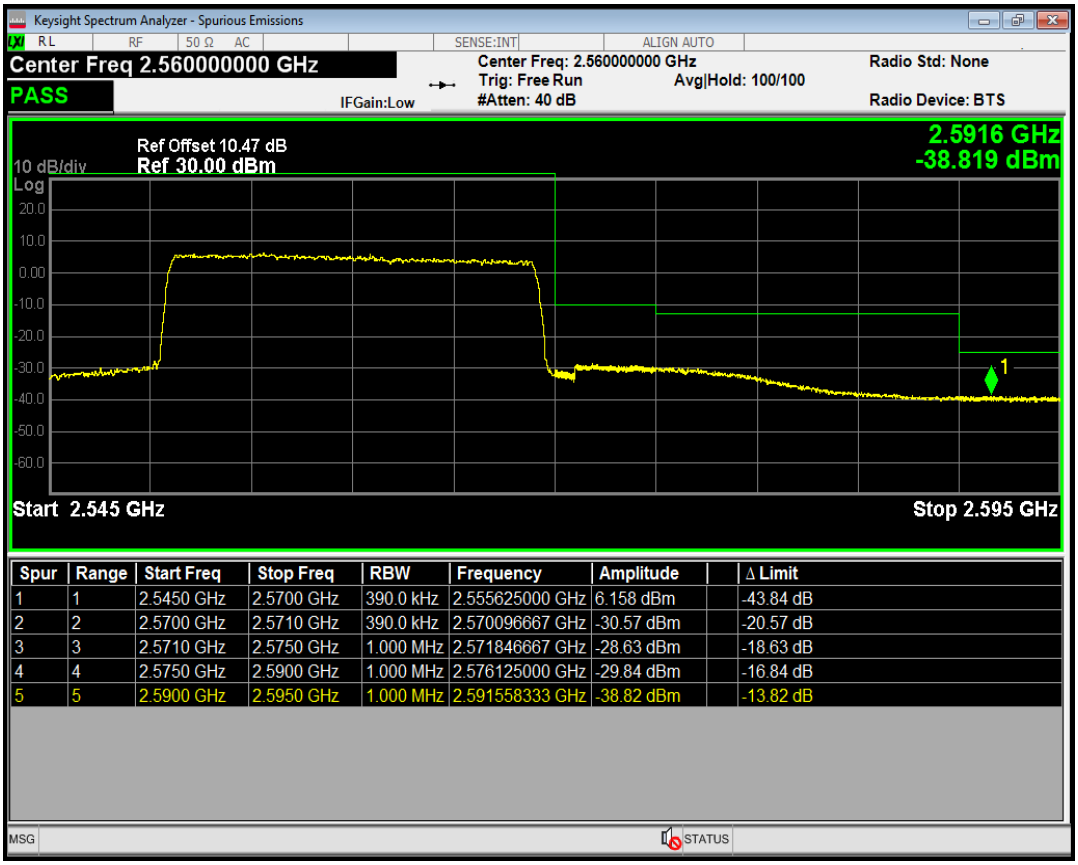
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.4750 GHz	2.4800 GHz	1.000 MHz	2.477941667 GHz	-39.64 dBm		-14.64 dB
2	2	2.4800 GHz	2.4960 GHz	1.000 MHz	2.495973333 GHz	-29.27 dBm		-16.27 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498915000 GHz	-27.11 dBm		-17.11 dB
4	4	2.4990 GHz	2.5000 GHz	390.0 kHz	2.499963333 GHz	-29.07 dBm		-19.07 dB
5	5	2.5000 GHz	2.5250 GHz	390.0 kHz	2.514041667 GHz	6.121 dBm		-43.88 dB

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



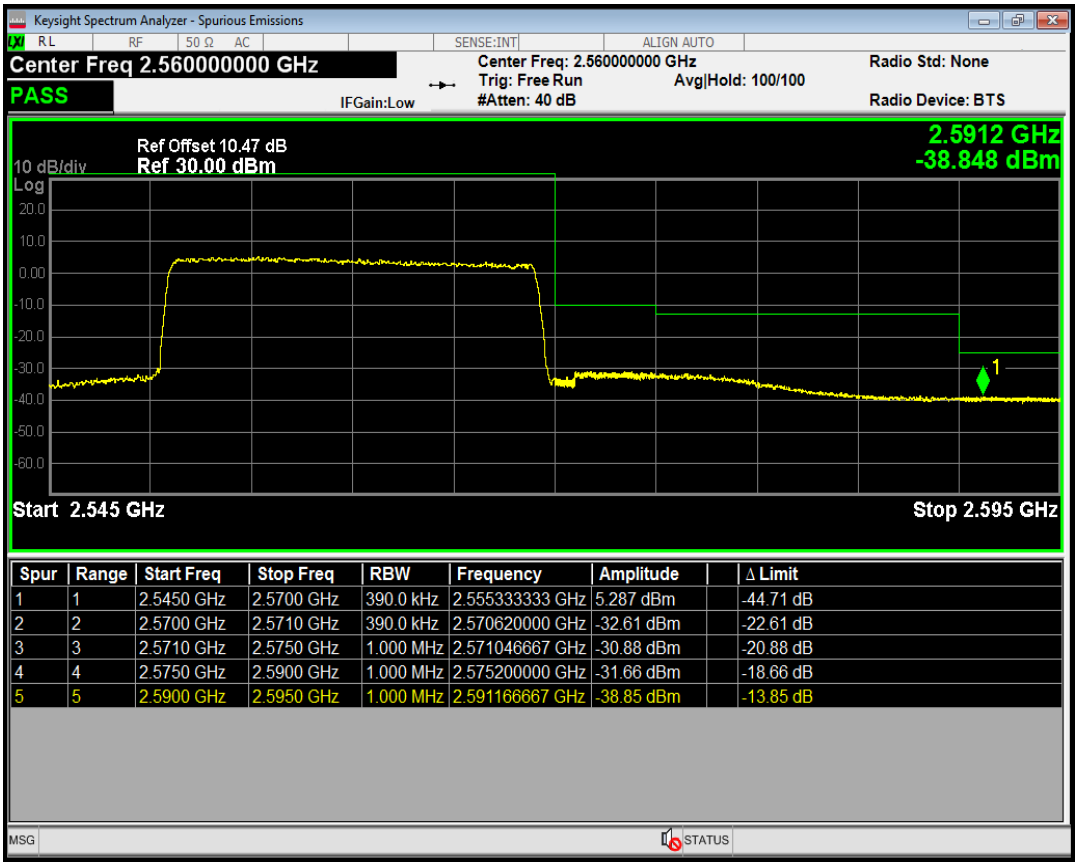
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.4750 GHz	2.4800 GHz	1.000 MHz	2.478900000 GHz	-39.53 dBm		-14.53 dB
2	2	2.4800 GHz	2.4960 GHz	1.000 MHz	2.495973333 GHz	-31.87 dBm		-18.87 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498890000 GHz	-30.27 dBm		-20.27 dB
4	4	2.4990 GHz	2.5000 GHz	390.0 kHz	2.499993333 GHz	-32.03 dBm		-22.03 dB
5	5	2.5000 GHz	2.5250 GHz	390.0 kHz	2.513166667 GHz	5.107 dBm		-44.89 dB

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



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.5450 GHz	2.5700 GHz	390.0 kHz	2.555625000 GHz	6.158 dBm		-43.84 dB
2	2	2.5700 GHz	2.5710 GHz	390.0 kHz	2.570096667 GHz	-30.57 dBm		-20.57 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571846667 GHz	-28.63 dBm		-18.63 dB
4	4	2.5750 GHz	2.5900 GHz	1.000 MHz	2.576125000 GHz	-29.84 dBm		-16.84 dB
5	5	2.5900 GHz	2.5950 GHz	1.000 MHz	2.591558333 GHz	-38.82 dBm		-13.82 dB

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



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude		Δ Limit
1	1	2.5450 GHz	2.5700 GHz	390.0 kHz	2.555333333 GHz	5.287 dBm		-44.71 dB
2	2	2.5700 GHz	2.5710 GHz	390.0 kHz	2.570620000 GHz	-32.61 dBm		-22.61 dB
3	3	2.5710 GHz	2.5750 GHz	1.000 MHz	2.571046667 GHz	-30.88 dBm		-20.88 dB
4	4	2.5750 GHz	2.5900 GHz	1.000 MHz	2.575200000 GHz	-31.66 dBm		-18.66 dB
5	5	2.5900 GHz	2.5950 GHz	1.000 MHz	2.591166667 GHz	-38.85 dBm		-13.85 dB

06 Out-of-band emissions

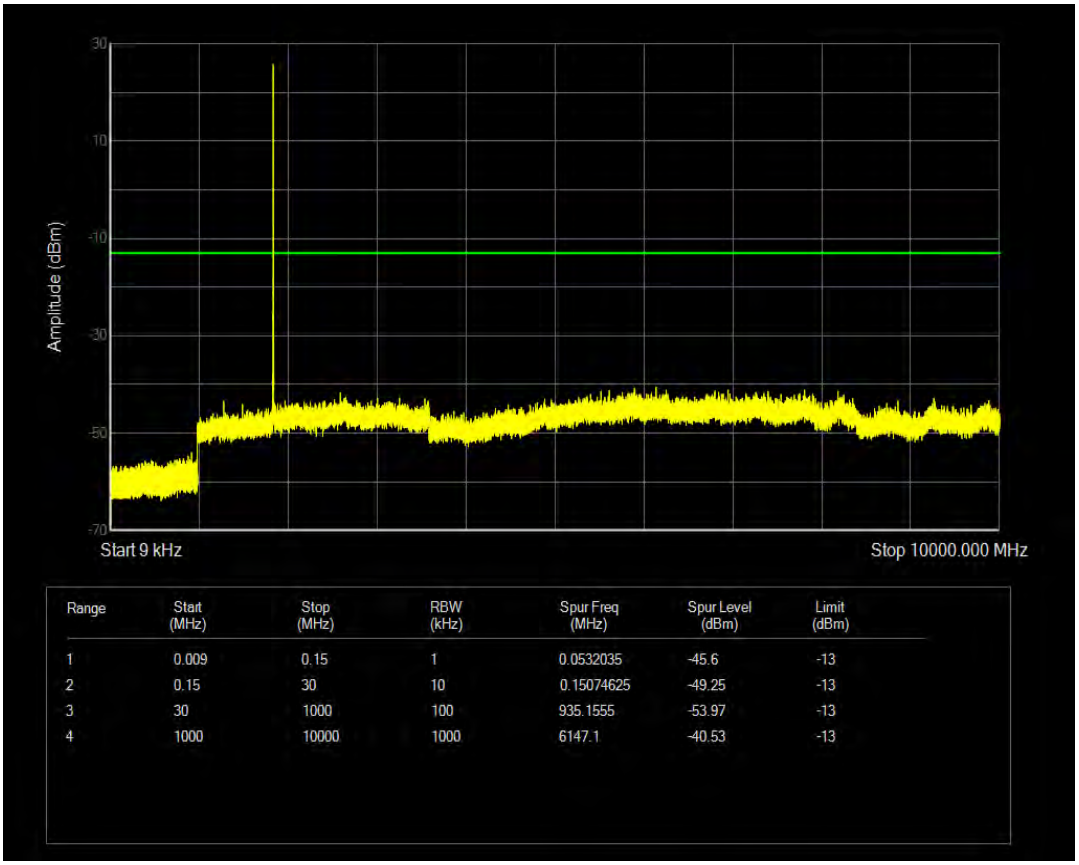
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	6147.10	-40.53	-13	PASS
Band2	1.4	18607	6	#0	QAM16	5874.40	-40.88	-13	PASS
Band2	1.4	18900	6	#0	QPSK	7870.60	-41.13	-13	PASS
Band2	1.4	18900	6	#0	QAM16	6161.28	-40.77	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1915.75	-40.36	-13	PASS
Band2	1.4	19193	6	#0	QAM16	1918.45	-13.70	-13	PASS
Band2	3	18615	15	#0	QPSK	5954.95	-40.43	-13	PASS
Band2	3	18615	15	#0	QAM16	6275.35	-40.76	-13	PASS
Band2	3	18900	15	#0	QPSK	6891.85	-40.98	-13	PASS
Band2	3	18900	15	#0	QAM16	7356.48	-40.69	-13	PASS
Band2	3	19185	15	#0	QPSK	6020.43	-40.76	-13	PASS
Band2	3	19185	15	#0	QAM16	5889.70	-40.91	-13	PASS
Band2	5	18625	25	#0	QPSK	7232.05	-40.26	-13	PASS
Band2	5	18625	25	#0	QAM16	7769.35	-40.80	-13	PASS
Band2	5	18900	25	#0	QPSK	7801.75	-40.69	-13	PASS
Band2	5	18900	25	#0	QAM16	5836.15	-40.38	-13	PASS
Band2	5	19175	25	#0	QPSK	6143.05	-40.79	-13	PASS
Band2	5	19175	25	#0	QAM16	5508.55	-40.01	-13	PASS
Band2	10	18650	50	#0	QPSK	5927.95	-40.97	-13	PASS
Band2	10	18650	50	#0	QAM16	6415.08	-40.87	-13	PASS
Band2	10	18900	50	#0	QPSK	2653.30	-40.77	-13	PASS
Band2	10	18900	50	#0	QAM16	5903.20	-40.20	-13	PASS
Band2	10	19150	50	#0	QPSK	6900.63	-40.78	-13	PASS
Band2	10	19150	50	#0	QAM16	2667.93	-40.79	-13	PASS
Band2	15	18675	75	#0	QPSK	7826.05	-39.75	-13	PASS
Band2	15	18675	75	#0	QAM16	7265.80	-40.17	-13	PASS
Band2	15	18900	75	#0	QPSK	6810.85	-40.09	-13	PASS
Band2	15	18900	75	#0	QAM16	6228.33	-40.62	-13	PASS
Band2	15	19125	75	#0	QPSK	2683.45	-40.73	-13	PASS
Band2	15	19125	75	#0	QAM16	6753.03	-39.70	-13	PASS
Band2	20	18700	100	#0	QPSK	5989.83	-40.45	-13	PASS
Band2	20	18700	100	#0	QAM16	5805.78	-40.69	-13	PASS
Band2	20	18900	100	#0	QPSK	5906.80	-40.41	-13	PASS
Band2	20	18900	100	#0	QAM16	6189.18	-40.35	-13	PASS
Band2	20	19100	100	#0	QPSK	5901.40	-40.56	-13	PASS
Band2	20	19100	100	#0	QAM16	7817.50	-40.79	-13	PASS
Band4	1.4	19957	6	#0	QPSK	5388.63	-40.82	-13	PASS
Band4	1.4	19957	6	#0	QAM16	5904.78	-41.04	-13	PASS
Band4	1.4	20175	6	#0	QPSK	5813.65	-40.85	-13	PASS
Band4	1.4	20175	6	#0	QAM16	7336.45	-40.88	-13	PASS
Band4	1.4	20393	6	#0	QPSK	5886.78	-40.81	-13	PASS

Band4	1.4	20393	6	#0	QAM16	6023.58	-41.10	-13	PASS
Band4	3	19965	15	#0	QPSK	6409.45	-40.90	-13	PASS
Band4	3	19965	15	#0	QAM16	7807.38	-41.20	-13	PASS
Band4	3	20175	15	#0	QPSK	7220.58	-40.61	-13	PASS
Band4	3	20175	15	#0	QAM16	6199.53	-40.87	-13	PASS
Band4	3	20385	15	#0	QPSK	7291.90	-39.96	-13	PASS
Band4	3	20385	15	#0	QAM16	5454.33	-40.97	-13	PASS
Band4	5	19975	25	#0	QPSK	5925.03	-41.16	-13	PASS
Band4	5	19975	25	#0	QAM16	5763.70	-41.21	-13	PASS
Band4	5	20175	25	#0	QPSK	5786.43	-41.06	-13	PASS
Band4	5	20175	25	#0	QAM16	7367.28	-41.31	-13	PASS
Band4	5	20375	25	#0	QPSK	5875.30	-40.71	-13	PASS
Band4	5	20375	25	#0	QAM16	7298.43	-40.20	-13	PASS
Band4	10	20000	50	#0	QPSK	5815.23	-40.90	-13	PASS
Band4	10	20175	50	#0	QPSK	4835.35	-41.18	-13	PASS
Band4	10	20350	50	#0	QPSK	5784.63	-40.47	-13	PASS
Band4	15	20025	75	#0	QPSK	7127.65	-41.50	-13	PASS
Band4	15	20175	75	#0	QPSK	7850.58	-40.76	-13	PASS
Band4	15	20325	75	#0	QPSK	5952.25	-40.52	-13	PASS
Band4	20	20050	100	#0	QPSK	6128.88	-40.98	-13	PASS
Band4	20	20175	100	#0	QPSK	7252.08	-40.90	-13	PASS
Band4	20	20300	100	#0	QPSK	5955.18	-41.10	-13	PASS
Band5	1.4	20407	6	#0	QPSK	2474.65	-38.90	-13	PASS
Band5	1.4	20407	6	#0	QAM16	1649.80	-39.12	-13	PASS
Band5	1.4	20525	6	#0	QPSK	2509.98	-39.15	-13	PASS
Band5	1.4	20525	6	#0	QAM16	2510.65	-40.55	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2545.98	-39.64	-13	PASS
Band5	1.4	20643	6	#0	QAM16	2545.08	-38.53	-13	PASS
Band5	3	20415	15	#0	QPSK	1650.03	-42.42	-13	PASS
Band5	3	20415	15	#0	QAM16	1652.05	-42.16	-13	PASS
Band5	3	20525	15	#0	QPSK	5871.48	-42.60	-13	PASS
Band5	3	20525	15	#0	QAM16	6764.50	-42.29	-13	PASS
Band5	3	20635	15	#0	QPSK	5913.10	-41.69	-13	PASS
Band5	3	20635	15	#0	QAM16	5900.95	-42.79	-13	PASS
Band5	5	20425	25	#0	QPSK	1651.15	-42.41	-13	PASS
Band5	5	20425	25	#0	QAM16	7828.08	-43.06	-13	PASS
Band5	5	20525	25	#0	QPSK	5913.78	-41.79	-13	PASS
Band5	5	20525	25	#0	QAM16	6748.75	-42.86	-13	PASS
Band5	5	20625	25	#0	QPSK	5414.95	-42.30	-13	PASS
Band5	5	20625	25	#0	QAM16	6642.78	-42.87	-13	PASS
Band5	10	20450	50	#0	QPSK	6660.33	-42.79	-13	PASS
Band5	10	20450	50	#0	QAM16	5396.73	-42.07	-13	PASS
Band5	10	20525	50	#0	QPSK	5894.65	-42.68	-13	PASS
Band5	10	20525	50	#0	QAM16	5907.48	-42.52	-13	PASS

Band5	10	20600	50	#0	QPSK	7761.25	-42.63	-13	PASS
Band5	10	20600	50	#0	QAM16	6373.90	-42.79	-13	PASS
Band66	1.4	131979	6	#0	QPSK	6887.58	-40.92	-13	PASS
Band66	1.4	131979	6	#0	QAM16	6215.73	-40.98	-13	PASS
Band66	1.4	132322	6	#0	QPSK	6673.83	-40.91	-13	PASS
Band66	1.4	132322	6	#0	QAM16	7818.85	-41.05	-13	PASS
Band66	1.4	132665	6	#0	QPSK	6106.60	-40.05	-13	PASS
Band66	1.4	132665	6	#0	QAM16	5781.03	-40.96	-13	PASS
Band66	3	131987	15	#0	QPSK	6134.50	-40.46	-13	PASS
Band66	3	131987	15	#0	QAM16	7270.75	-39.93	-13	PASS
Band66	3	132322	15	#0	QPSK	6058.23	-40.72	-13	PASS
Band66	3	132322	15	#0	QAM16	5937.63	-41.19	-13	PASS
Band66	3	132657	15	#0	QPSK	6762.93	-40.64	-13	PASS
Band66	3	132657	15	#0	QAM16	7806.93	-41.08	-13	PASS
Band66	5	131997	25	#0	QPSK	5903.20	-40.81	-13	PASS
Band66	5	131997	25	#0	QAM16	6745.38	-41.00	-13	PASS
Band66	5	132322	25	#0	QPSK	6739.53	-41.12	-13	PASS
Band66	5	132322	25	#0	QAM16	7834.15	-40.95	-13	PASS
Band66	5	132647	25	#0	QPSK	6212.35	-41.05	-13	PASS
Band66	5	132647	25	#0	QAM16	6164.43	-41.16	-13	PASS
Band66	10	132022	50	#0	QPSK	7270.30	-40.56	-13	PASS
Band66	10	132322	50	#0	QPSK	5885.88	-40.35	-13	PASS
Band66	10	132622	50	#0	QPSK	6784.30	-40.87	-13	PASS
Band66	15	132047	75	#0	QPSK	6083.65	-41.69	-13	PASS
Band66	15	132322	75	#0	QPSK	6497.20	-40.96	-13	PASS
Band66	15	132597	75	#0	QPSK	6850.23	-40.64	-13	PASS
Band66	20	132072	100	#0	QPSK	5965.53	-40.36	-13	PASS
Band66	20	132322	100	#0	QPSK	6736.15	-40.38	-13	PASS
Band66	20	132572	100	#0	QPSK	5456.35	-40.75	-13	PASS
Band7	5	20775	25	#0	QPSK	5009.28	-39.29	-25	PASS
Band7	5	20775	25	#0	QAM16	6137.43	-38.70	-25	PASS
Band7	5	21100	25	#0	QPSK	7256.35	-39.28	-25	PASS
Band7	5	21100	25	#0	QAM16	6080.95	-40.27	-25	PASS
Band7	5	21425	25	#0	QPSK	5139.55	-36.93	-25	PASS
Band7	5	21425	25	#0	QAM16	5135.50	-37.54	-25	PASS
Band7	10	20800	50	#0	QPSK	6918.85	-38.75	-25	PASS
Band7	10	20800	50	#0	QAM16	5007.93	-39.71	-25	PASS
Band7	10	21100	50	#0	QPSK	6788.58	-39.88	-25	PASS
Band7	10	21100	50	#0	QAM16	7291.90	-38.98	-25	PASS
Band7	10	21400	50	#0	QPSK	5123.58	-38.73	-25	PASS
Band7	10	21400	50	#0	QAM16	5125.60	-39.50	-25	PASS
Band7	15	20825	75	#0	QPSK	7246.68	-39.75	-25	PASS
Band7	15	20825	75	#0	QAM16	6285.03	-40.15	-25	PASS
Band7	15	21100	75	#0	QPSK	7269.85	-38.69	-25	PASS

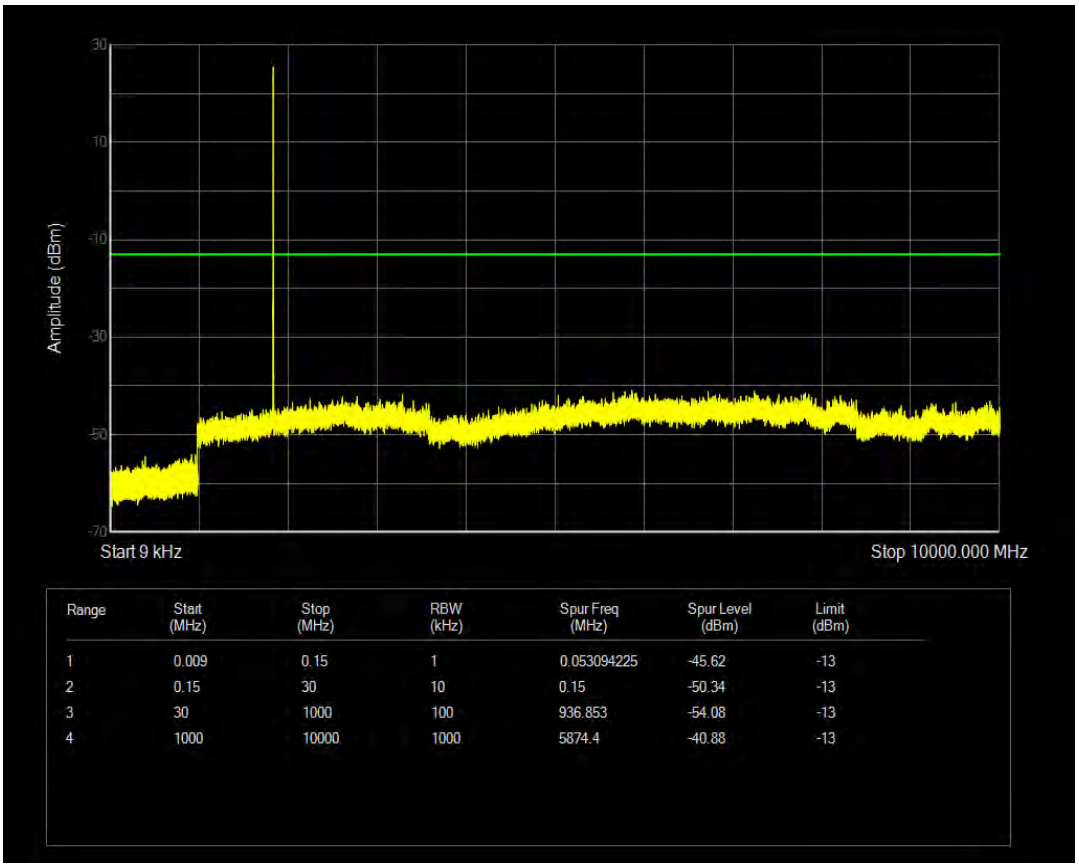
Band7	15	21100	75	#0	QAM16	2760.63	-39.56	-25	PASS
Band7	15	21375	75	#0	QPSK	7266.70	-38.83	-25	PASS
Band7	15	21375	75	#0	QAM16	5824.23	-39.47	-25	PASS
Band7	20	20850	100	#0	QPSK	5880.48	-39.56	-25	PASS
Band7	20	20850	100	#0	QAM16	6210.10	-39.56	-25	PASS
Band7	20	21100	100	#0	QPSK	7179.63	-39.19	-25	PASS
Band7	20	21100	100	#0	QAM16	6745.15	-40.26	-25	PASS
Band7	20	21350	100	#0	QPSK	5738.05	-39.72	-25	PASS
Band7	20	21350	100	#0	QAM16	7284.25	-39.56	-25	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



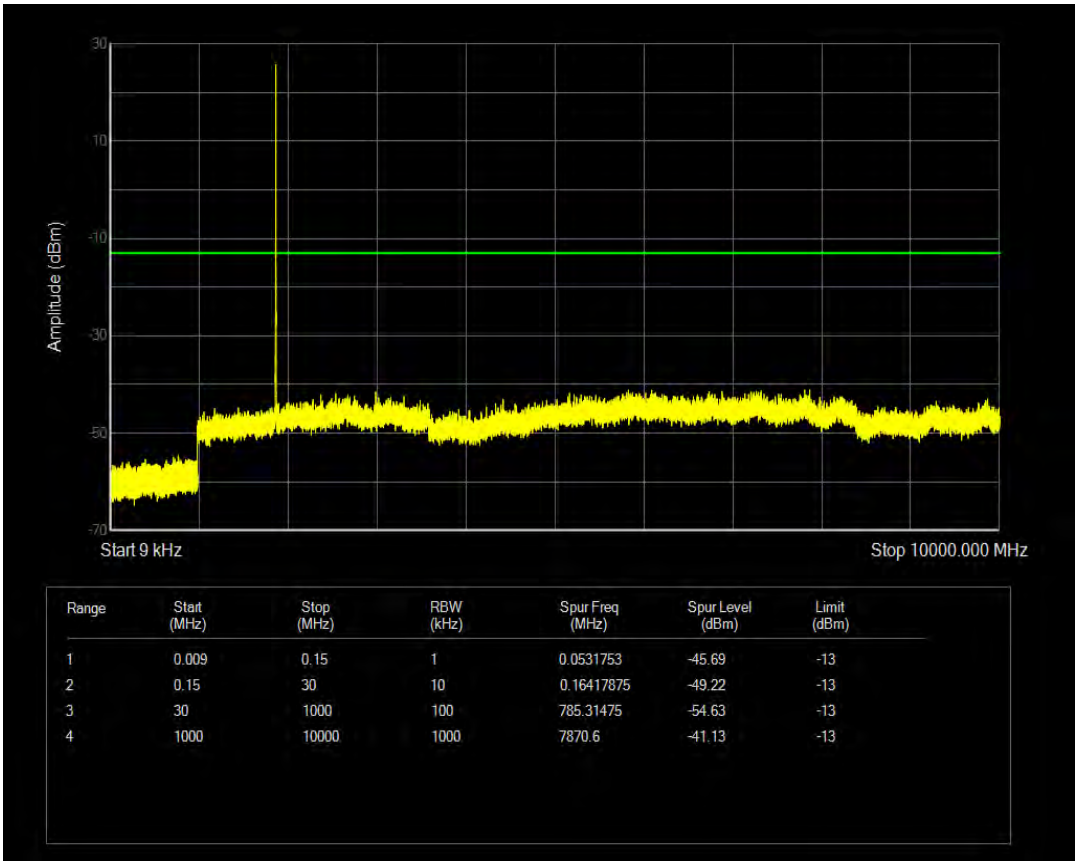
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0532035	-45.6	-13
2	0.15	30	10	0.15074625	-49.25	-13
3	30	1000	100	935.1555	-53.97	-13
4	1000	10000	1000	6147.1	-40.53	-13

Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



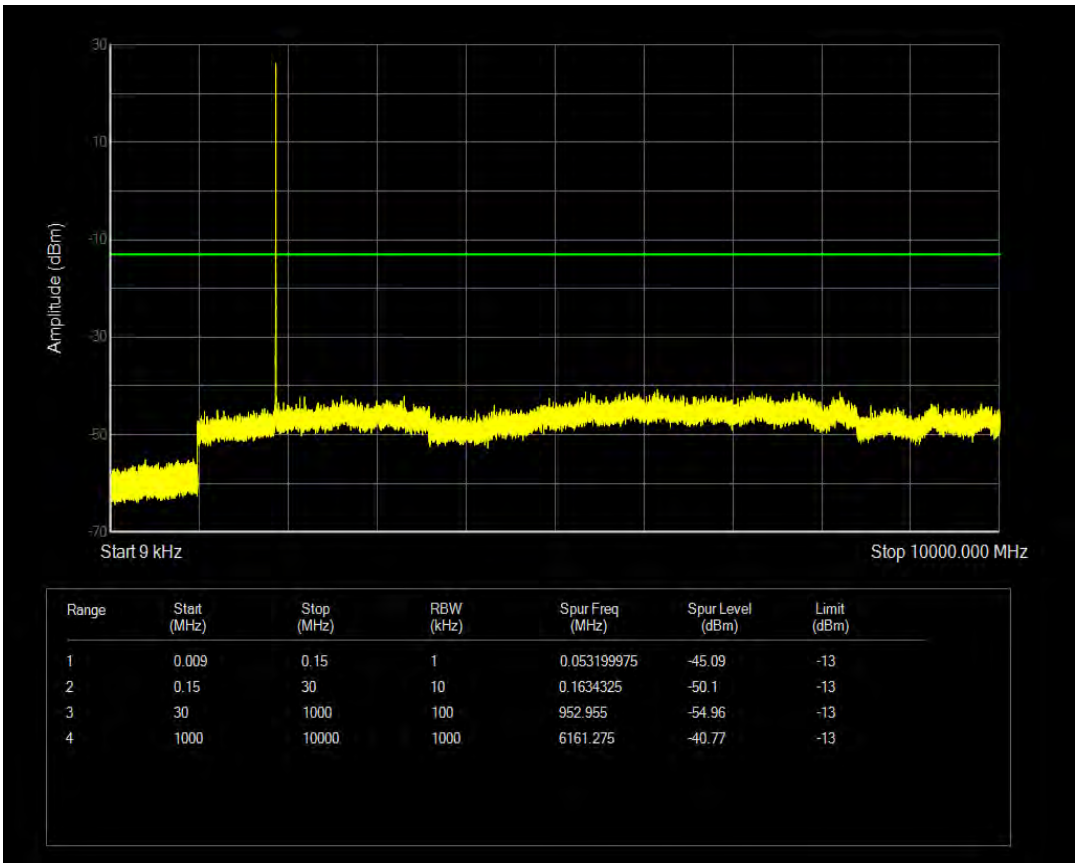
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053094225	-45.62	-13
2	0.15	30	10	0.15	-50.34	-13
3	30	1000	100	936.853	-54.08	-13
4	1000	10000	1000	5874.4	-40.88	-13

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



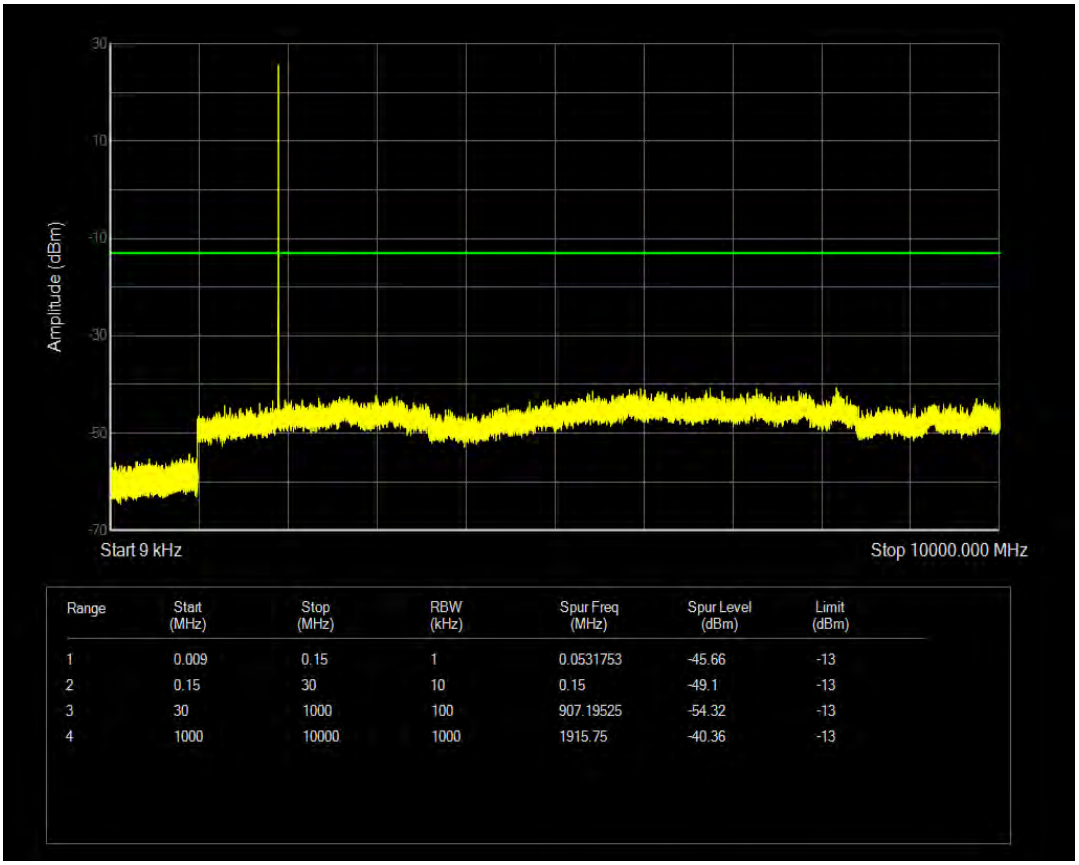
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531753	-45.69	-13
2	0.15	30	10	0.16417875	-49.22	-13
3	30	1000	100	785.31475	-54.63	-13
4	1000	10000	1000	7870.6	-41.13	-13

Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



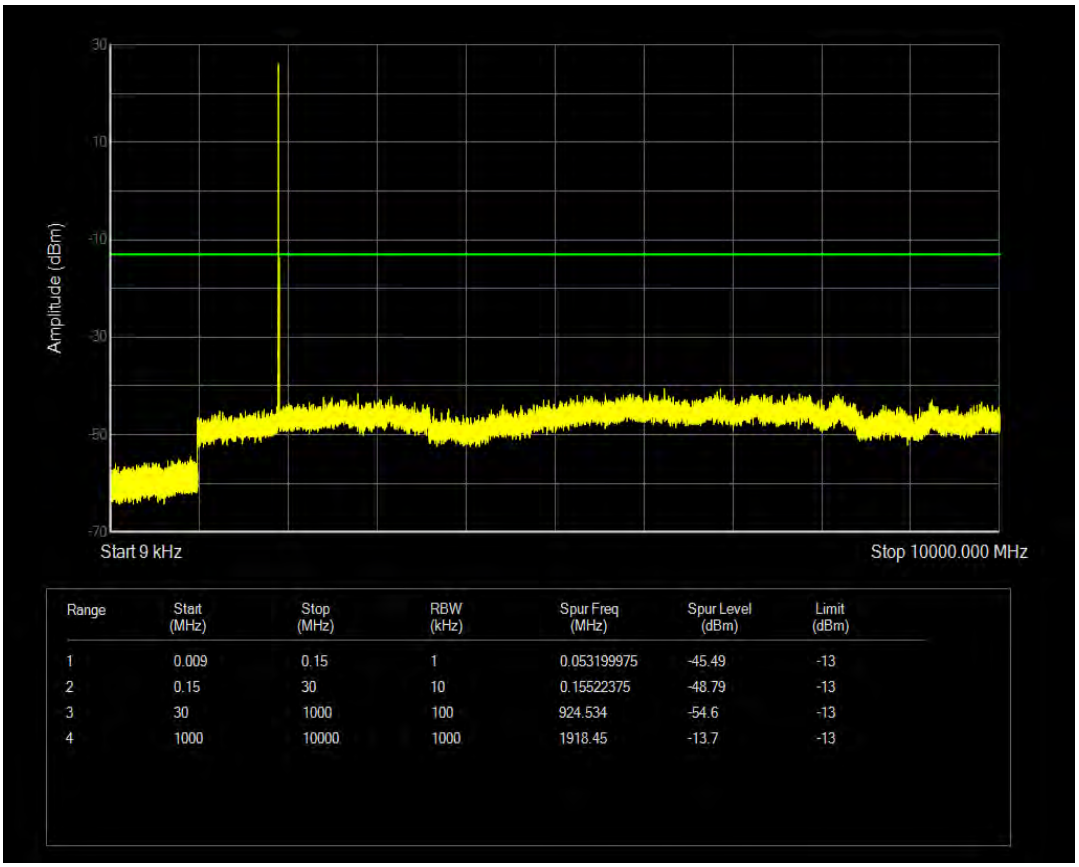
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053199975	-45.09	-13
2	0.15	30	10	0.1634325	-50.1	-13
3	30	1000	100	952.955	-54.96	-13
4	1000	10000	1000	6161.275	-40.77	-13

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



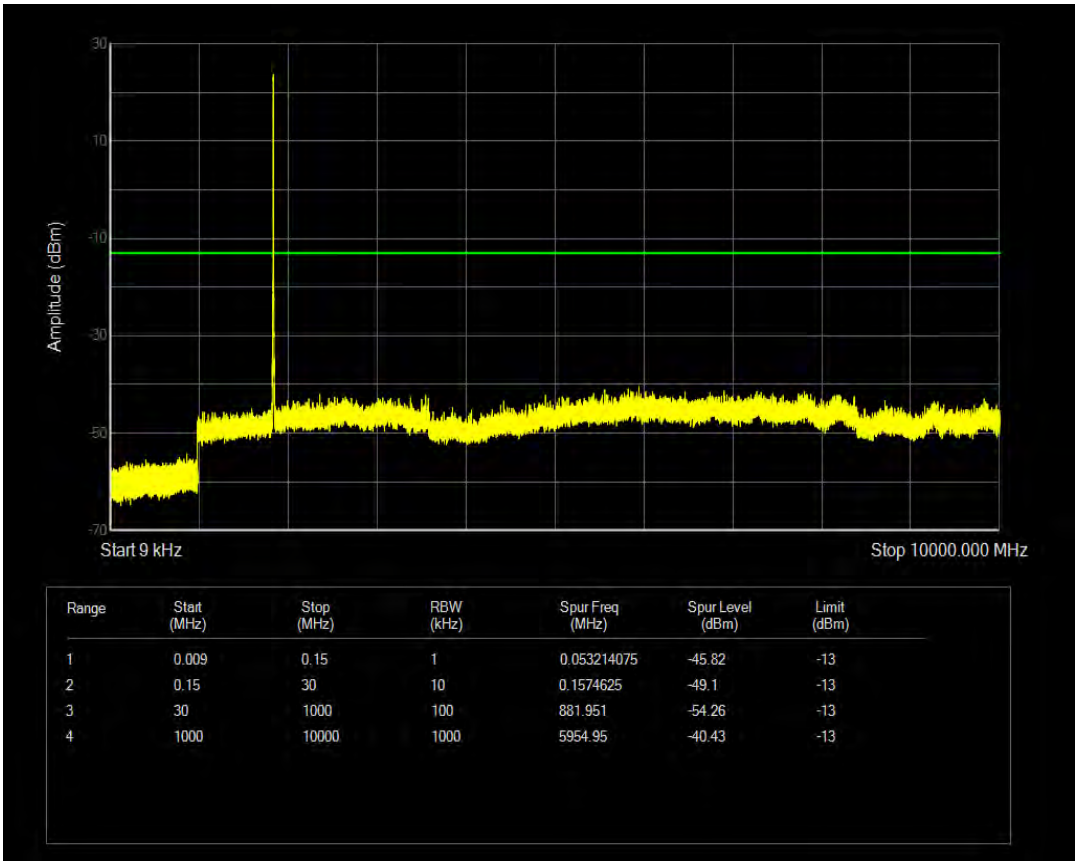
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531753	-45.66	-13
2	0.15	30	10	0.15	-49.1	-13
3	30	1000	100	907.19525	-54.32	-13
4	1000	10000	1000	1915.75	-40.36	-13

Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



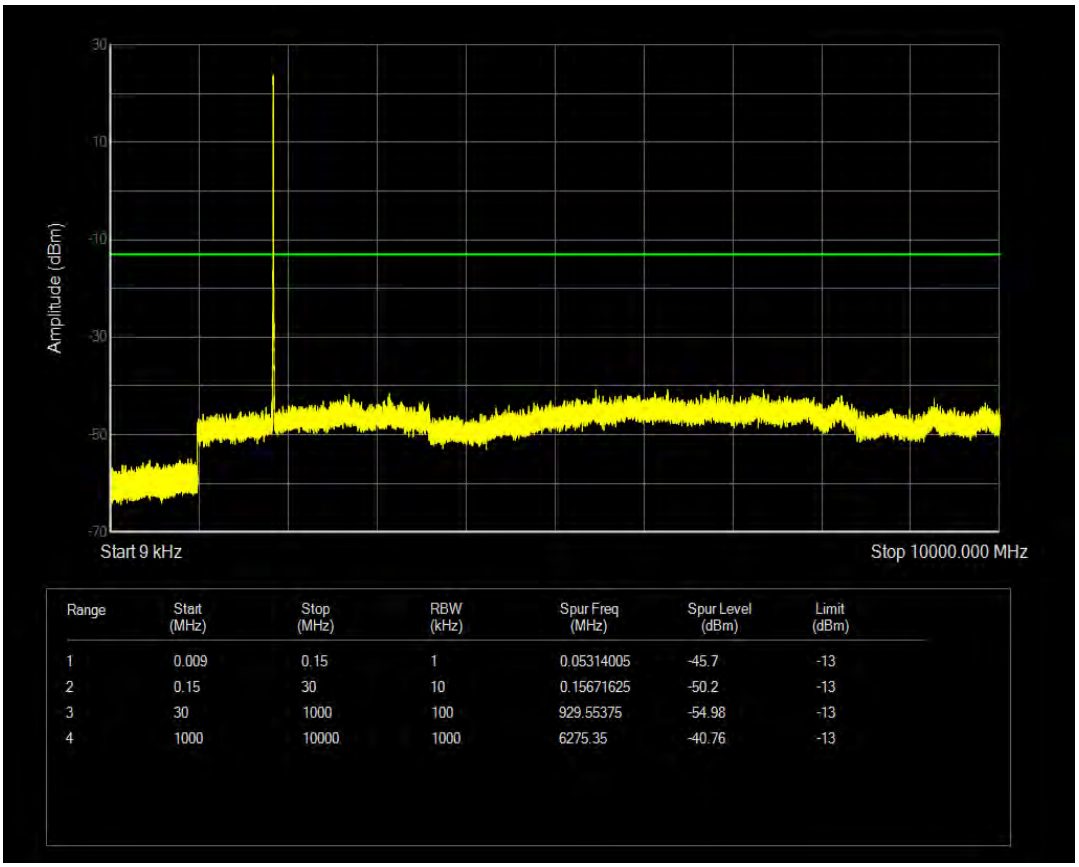
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053199975	-45.49	-13
2	0.15	30	10	0.15522375	-48.79	-13
3	30	1000	100	924.534	-54.6	-13
4	1000	10000	1000	1918.45	-13.7	-13

Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



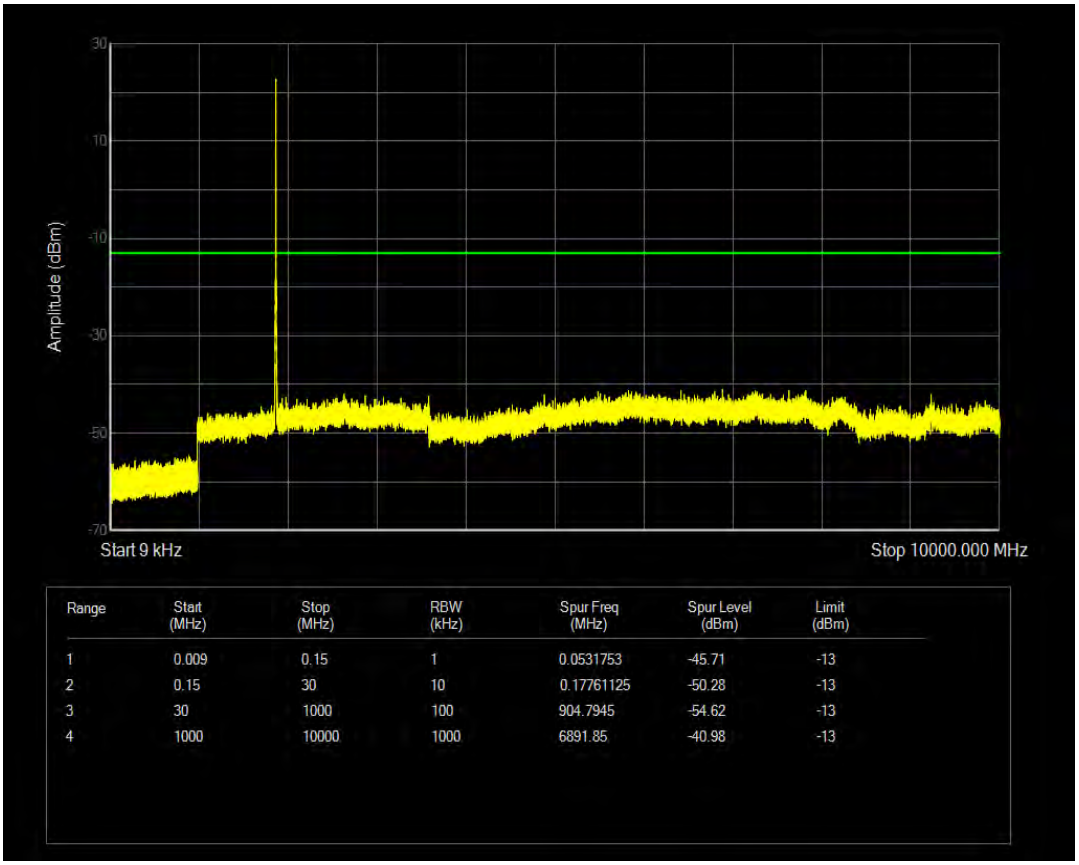
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053214075	-45.82	-13
2	0.15	30	10	0.1574625	-49.1	-13
3	30	1000	100	881.951	-54.26	-13
4	1000	10000	1000	5954.95	-40.43	-13

Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



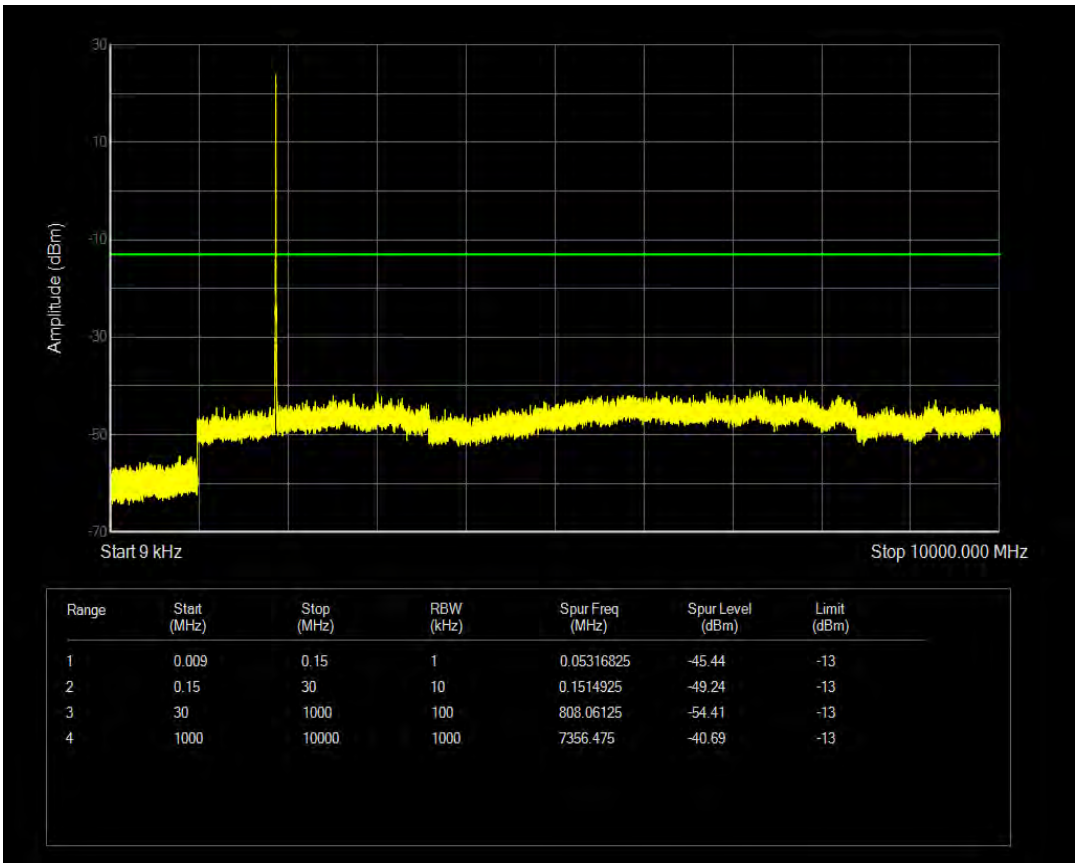
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05314005	-45.7	-13
2	0.15	30	10	0.15671625	-50.2	-13
3	30	1000	100	929.55375	-54.98	-13
4	1000	10000	1000	6275.35	-40.76	-13

Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



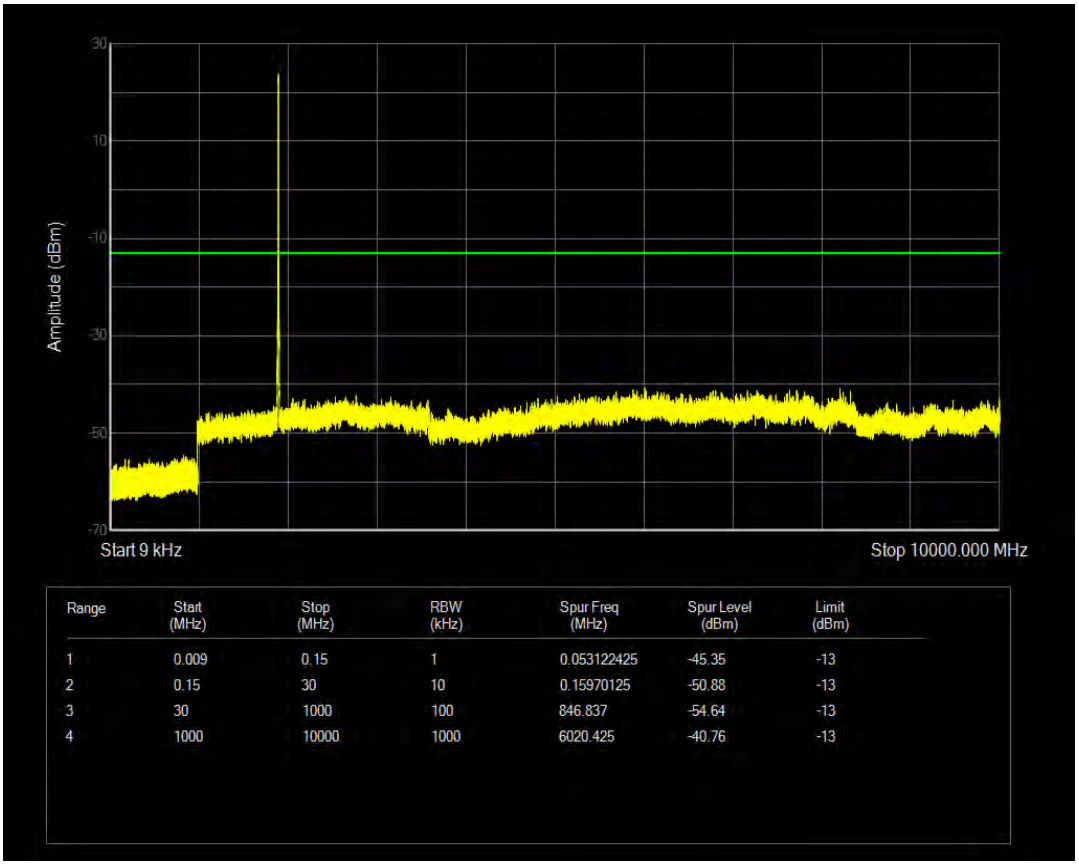
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531753	-45.71	-13
2	0.15	30	10	0.17761125	-50.28	-13
3	30	1000	100	904.7945	-54.62	-13
4	1000	10000	1000	6891.85	-40.98	-13

Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



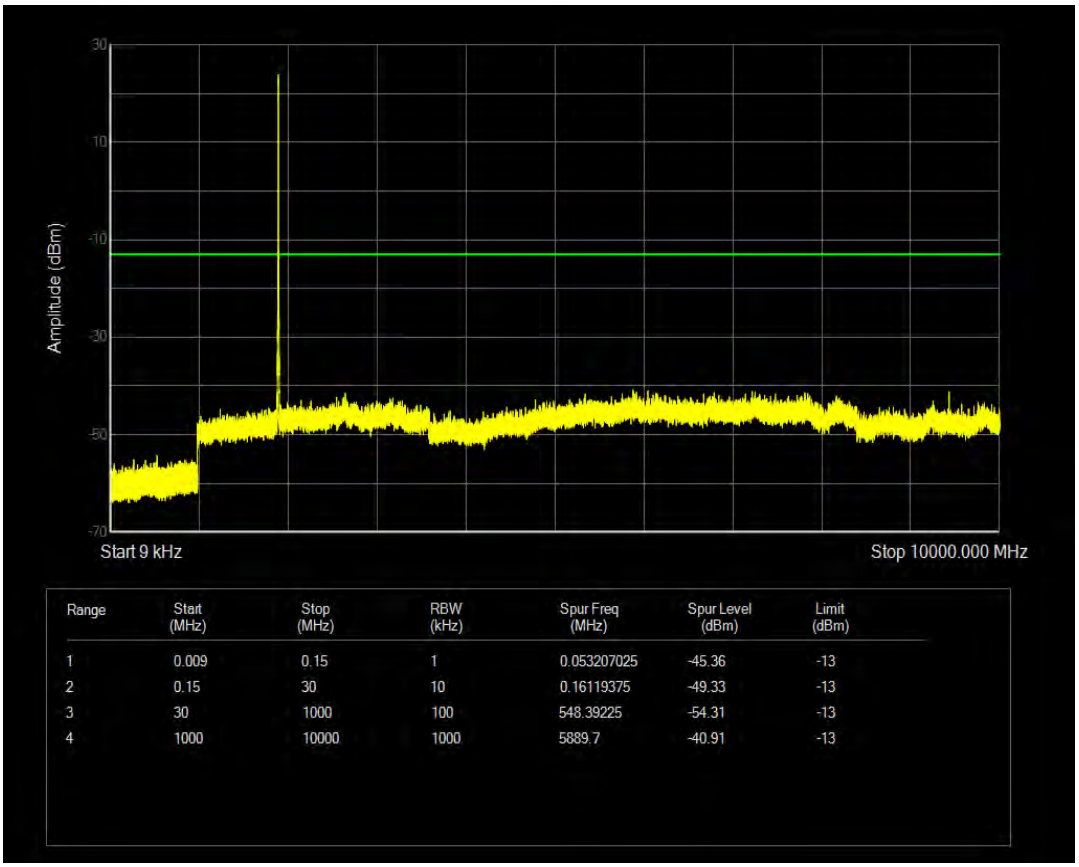
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05316825	-45.44	-13
2	0.15	30	10	0.1514925	-49.24	-13
3	30	1000	100	808.06125	-54.41	-13
4	1000	10000	1000	7356.475	-40.69	-13

Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



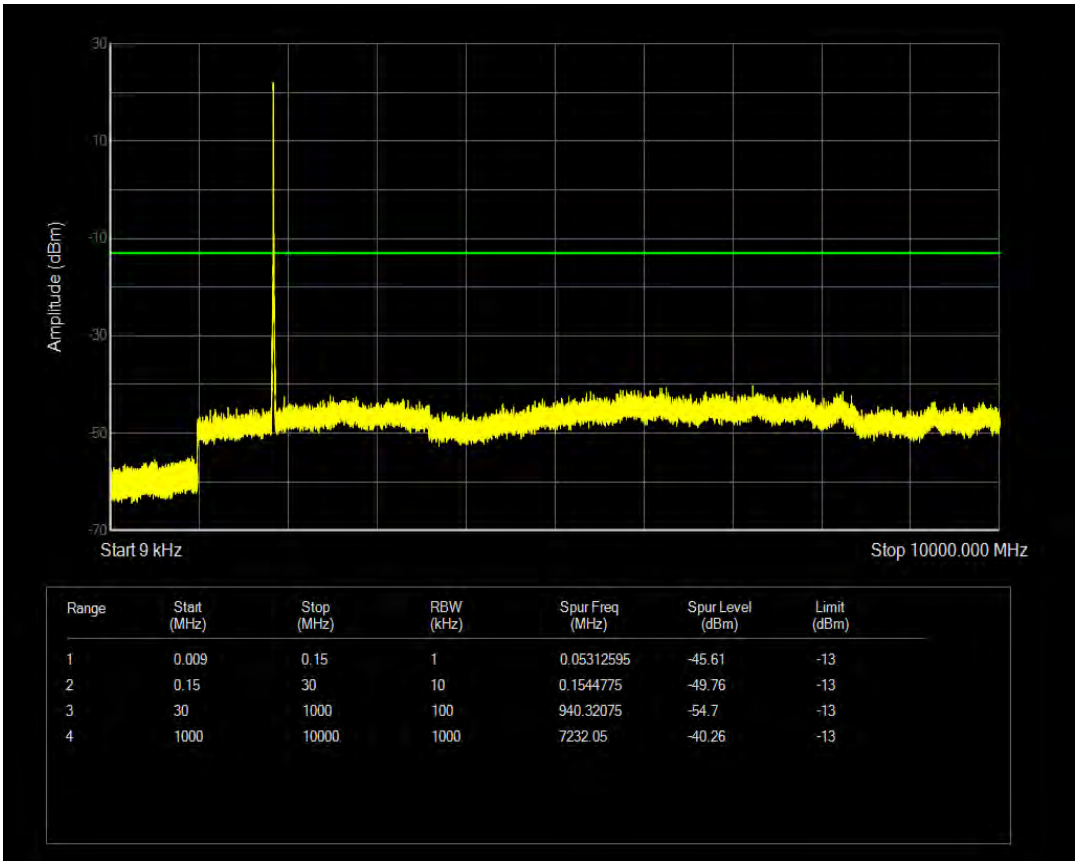
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053122425	-45.35	-13
2	0.15	30	10	0.15970125	-50.88	-13
3	30	1000	100	846.837	-54.64	-13
4	1000	10000	1000	6020.425	-40.76	-13

Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



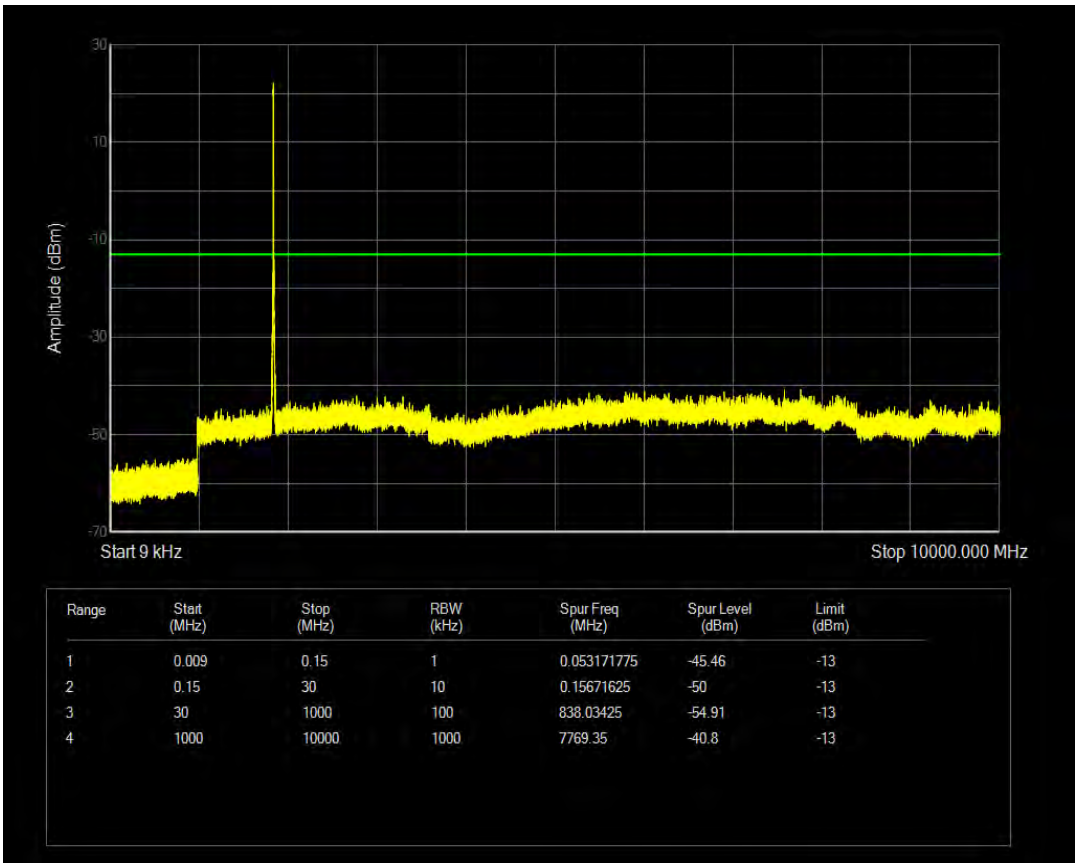
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053207025	-45.36	-13
2	0.15	30	10	0.16119375	-49.33	-13
3	30	1000	100	548.39225	-54.31	-13
4	1000	10000	1000	5889.7	-40.91	-13

Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



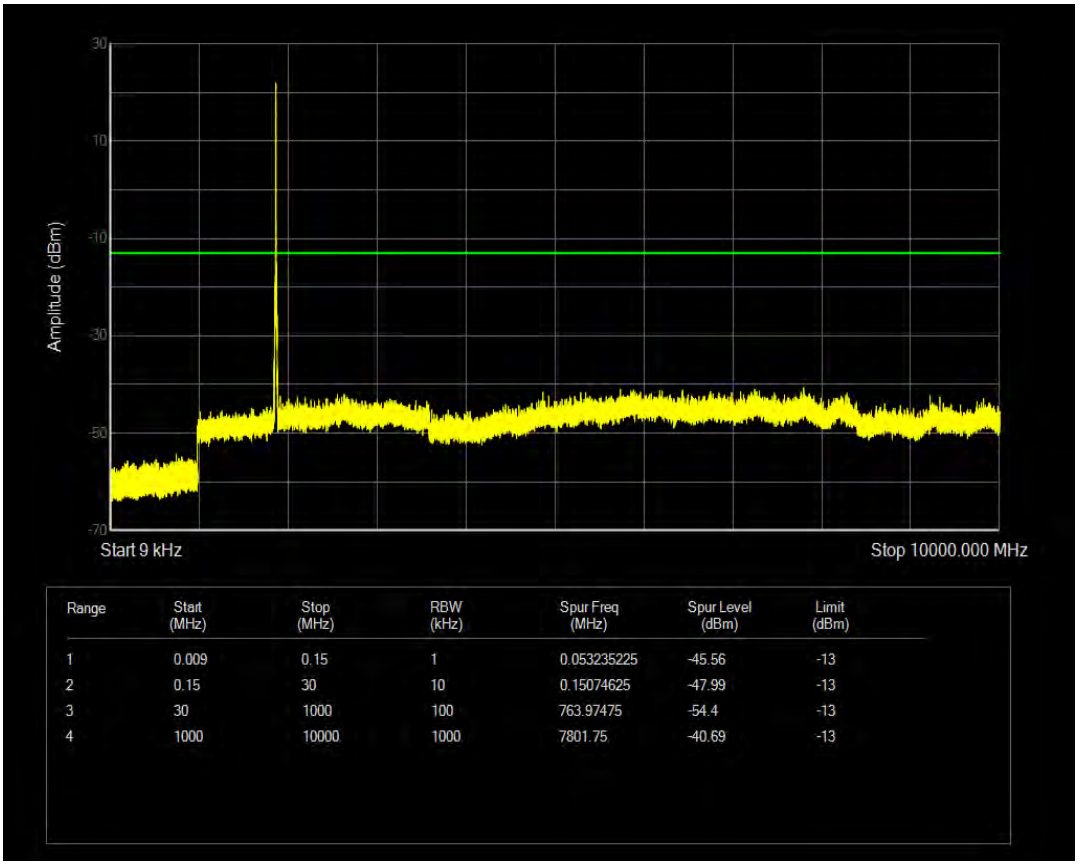
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05312595	-45.61	-13
2	0.15	30	10	0.1544775	-49.76	-13
3	30	1000	100	940.32075	-54.7	-13
4	1000	10000	1000	7232.05	-40.26	-13

Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



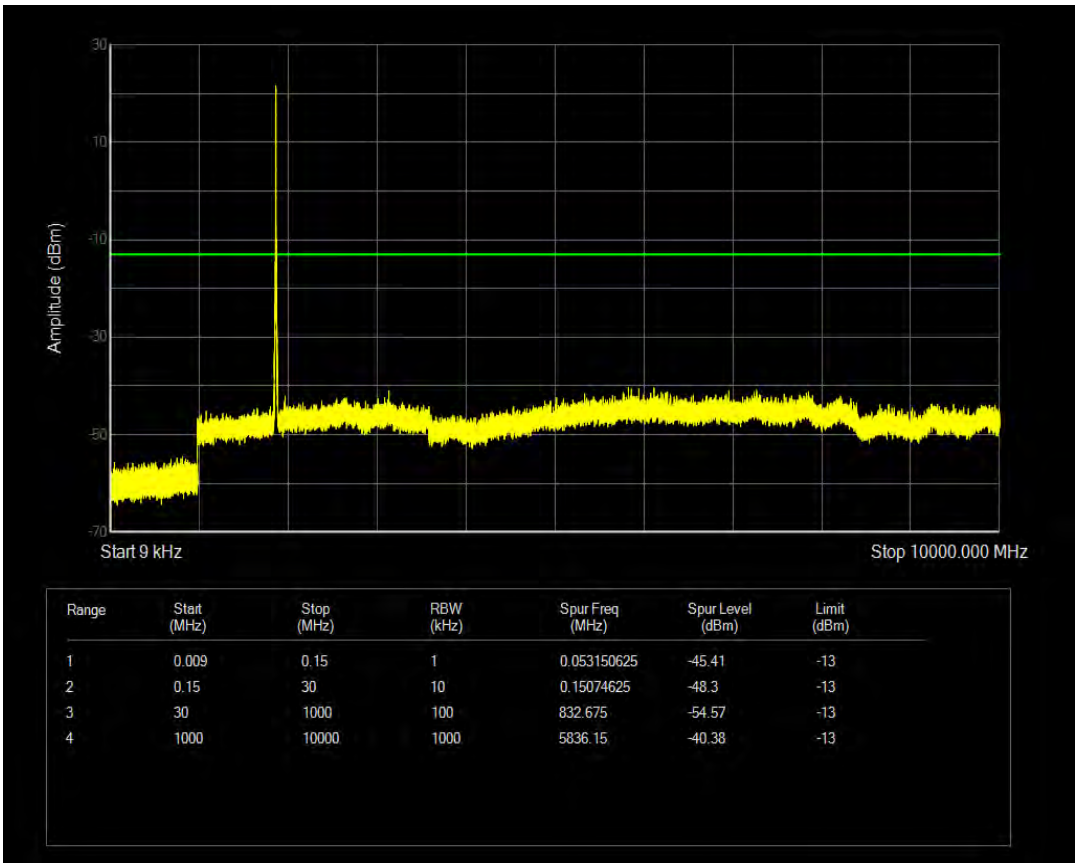
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-45.46	-13
2	0.15	30	10	0.15671625	-50	-13
3	30	1000	100	838.03425	-54.91	-13
4	1000	10000	1000	7769.35	-40.8	-13

Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



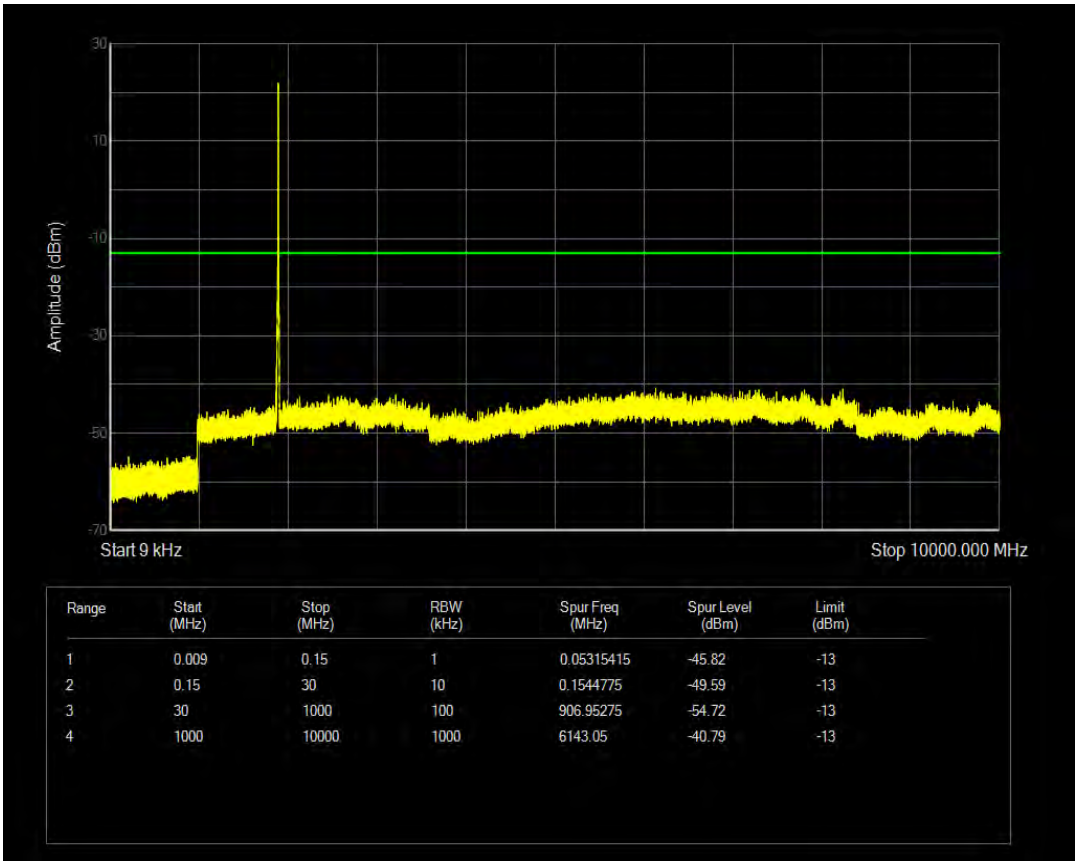
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053235225	-45.56	-13
2	0.15	30	10	0.15074625	-47.99	-13
3	30	1000	100	763.97475	-54.4	-13
4	1000	10000	1000	7801.75	-40.69	-13

Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



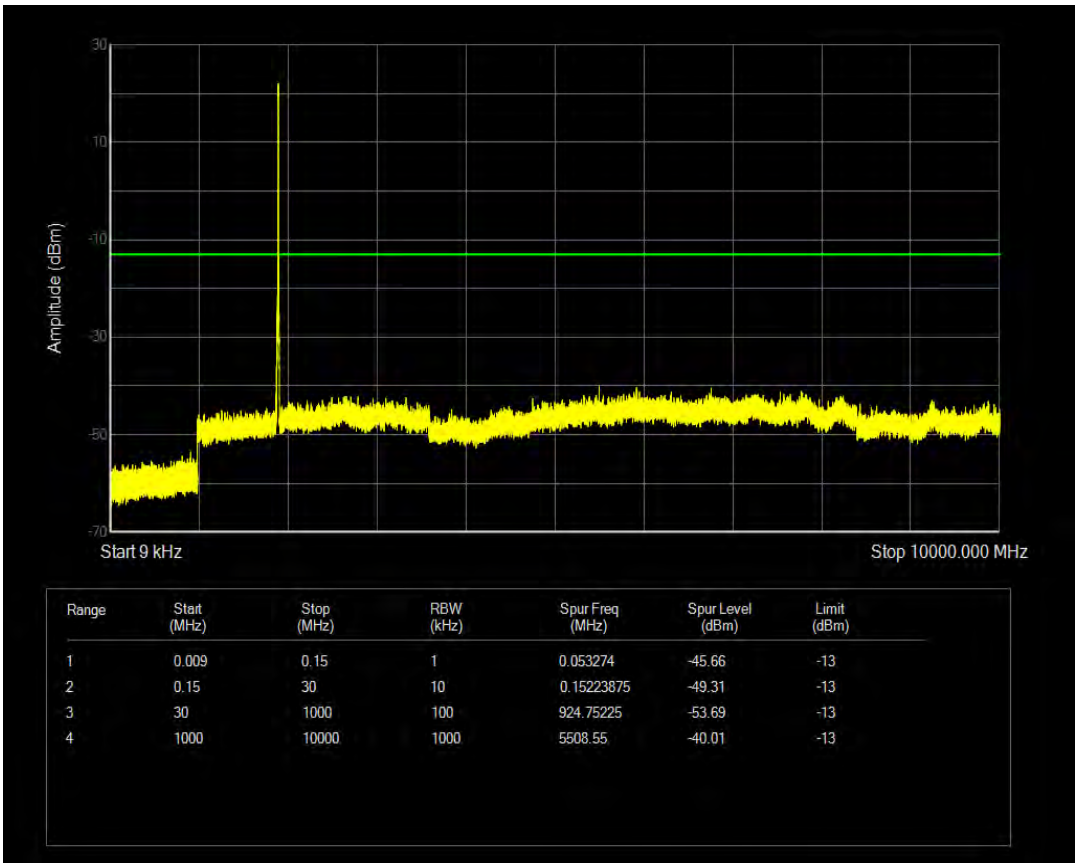
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053150625	-45.41	-13
2	0.15	30	10	0.15074625	-48.3	-13
3	30	1000	100	832.675	-54.57	-13
4	1000	10000	1000	5836.15	-40.38	-13

Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



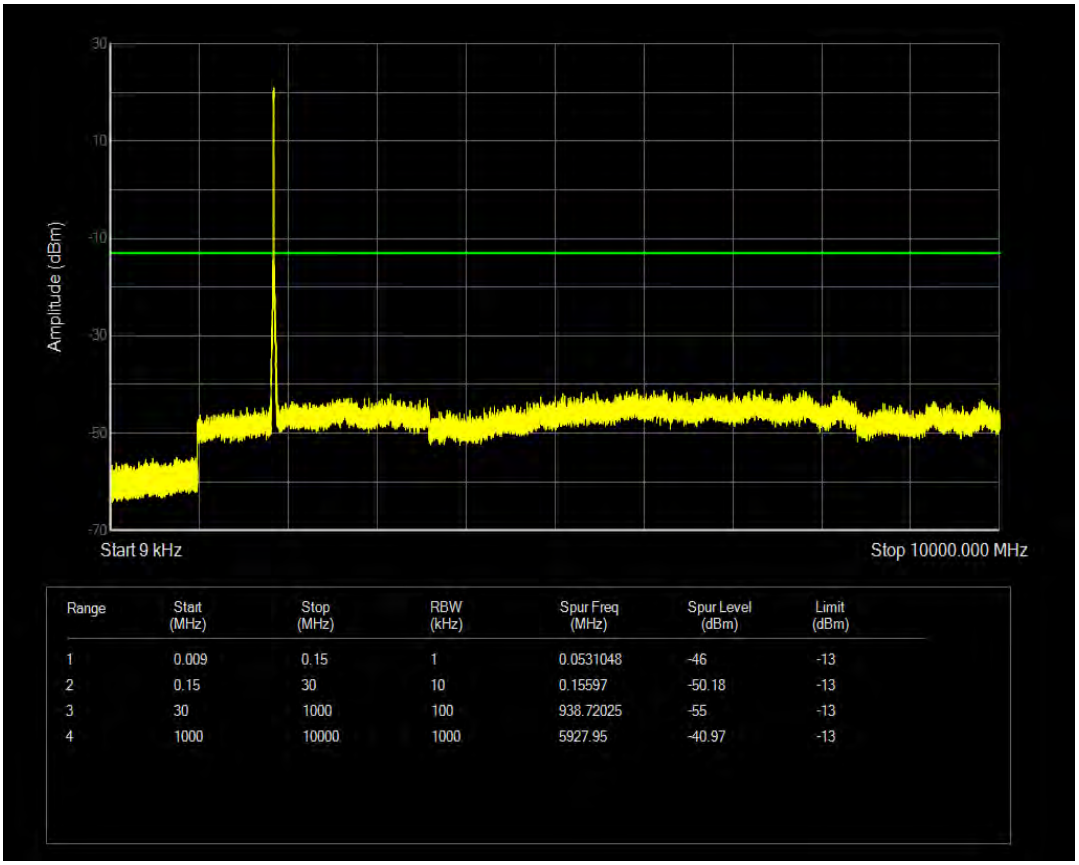
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05315415	-45.82	-13
2	0.15	30	10	0.1544775	-49.59	-13
3	30	1000	100	906.95275	-54.72	-13
4	1000	10000	1000	6143.05	-40.79	-13

Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



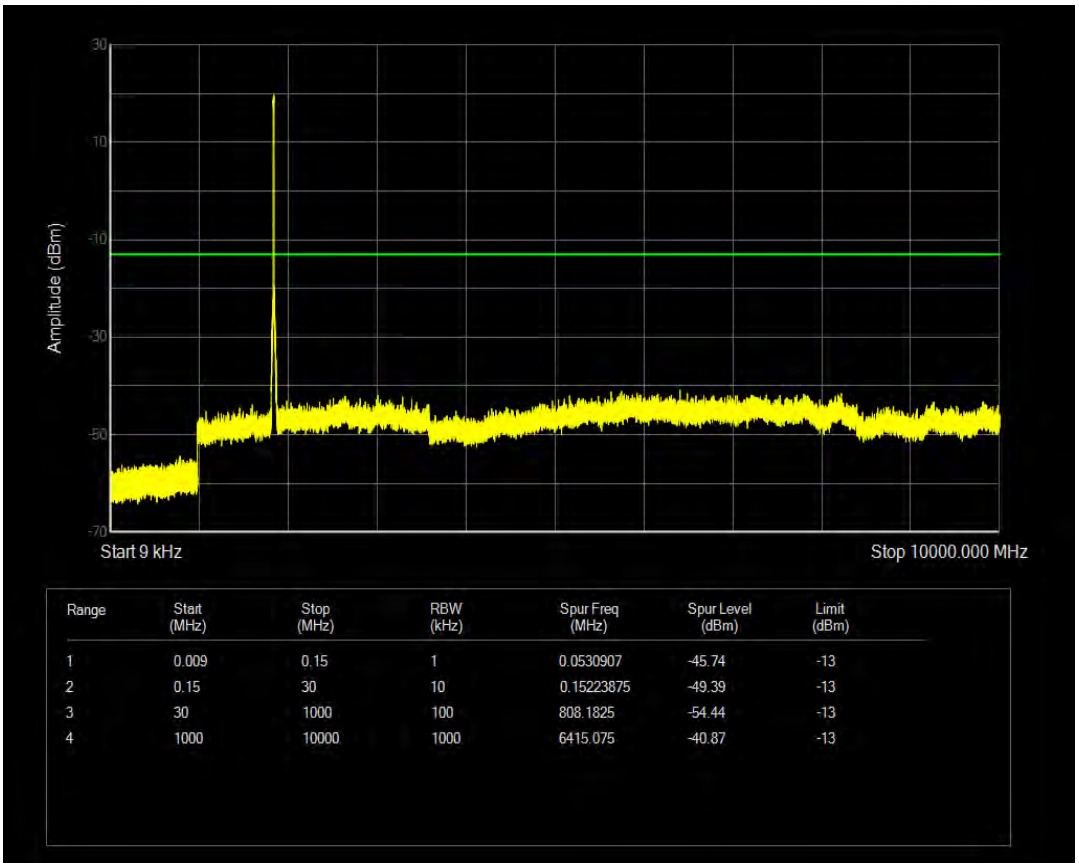
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053274	-45.66	-13
2	0.15	30	10	0.15223875	-49.31	-13
3	30	1000	100	924.75225	-53.69	-13
4	1000	10000	1000	5508.55	-40.01	-13

Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



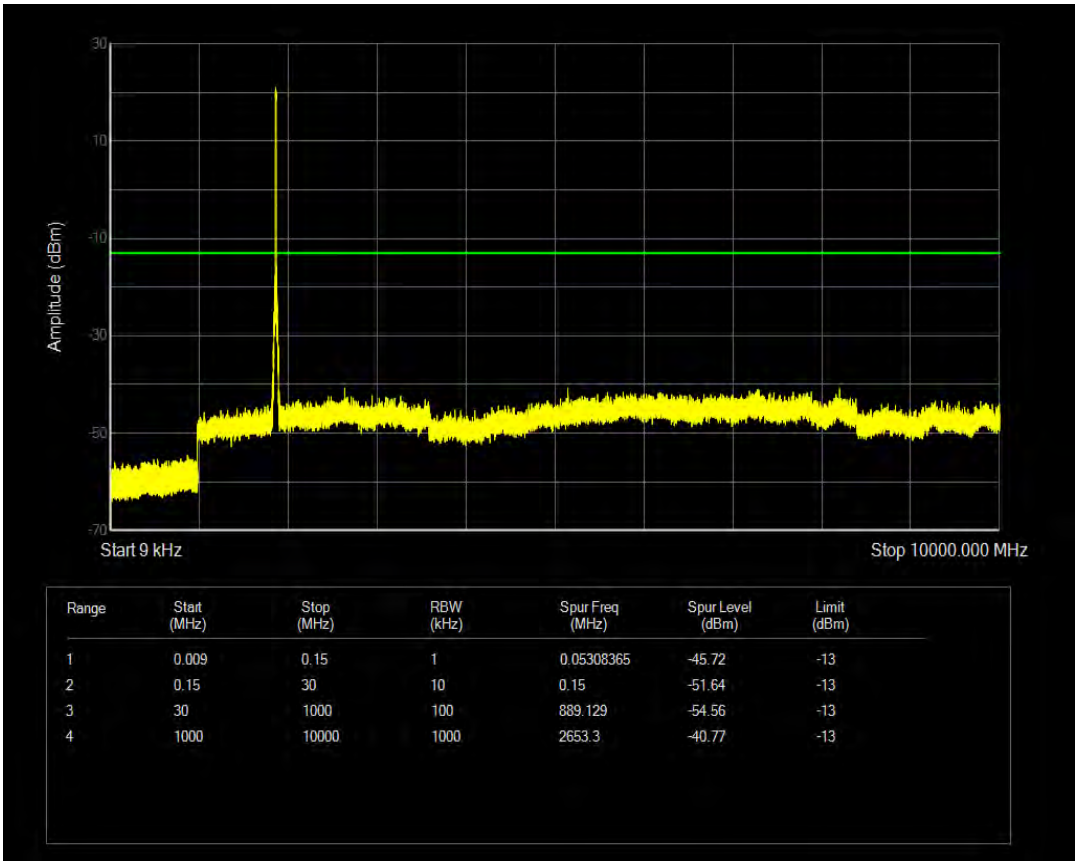
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531048	-46	-13
2	0.15	30	10	0.15597	-50.18	-13
3	30	1000	100	938.72025	-55	-13
4	1000	10000	1000	5927.95	-40.97	-13

Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



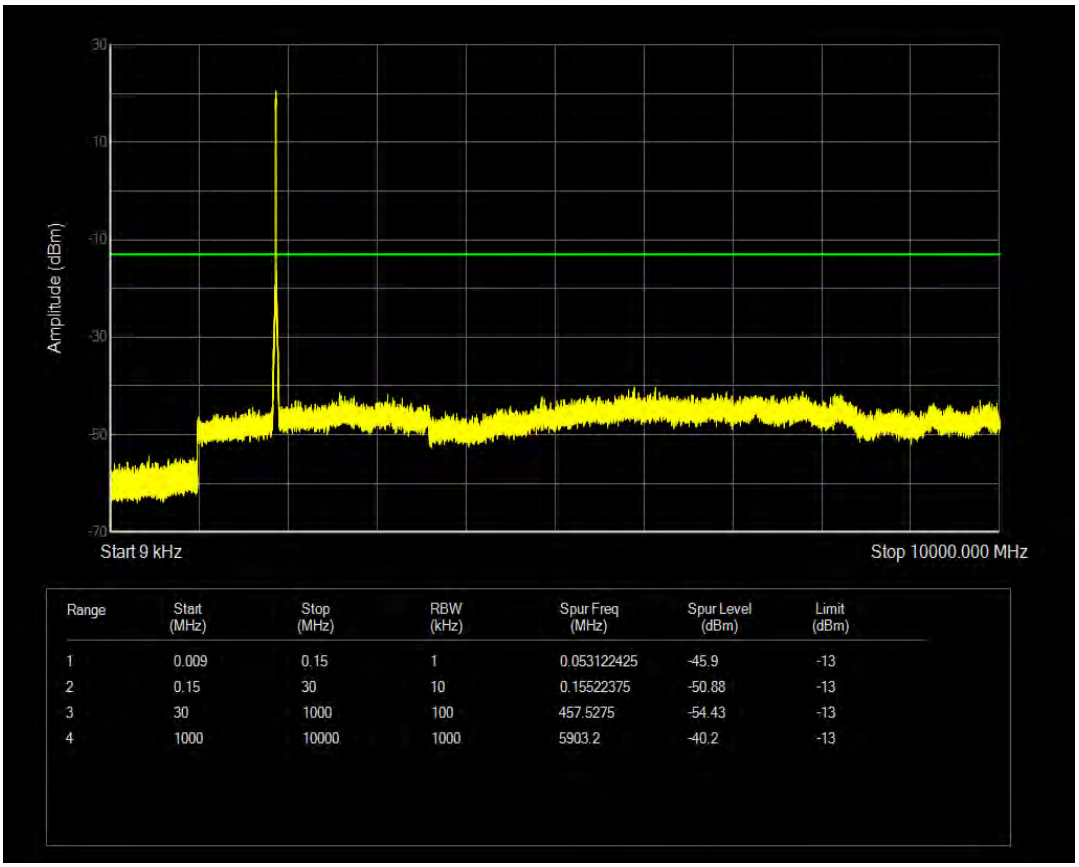
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530907	-45.74	-13
2	0.15	30	10	0.15223875	-49.39	-13
3	30	1000	100	808.1825	-54.44	-13
4	1000	10000	1000	6415.075	-40.87	-13

Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



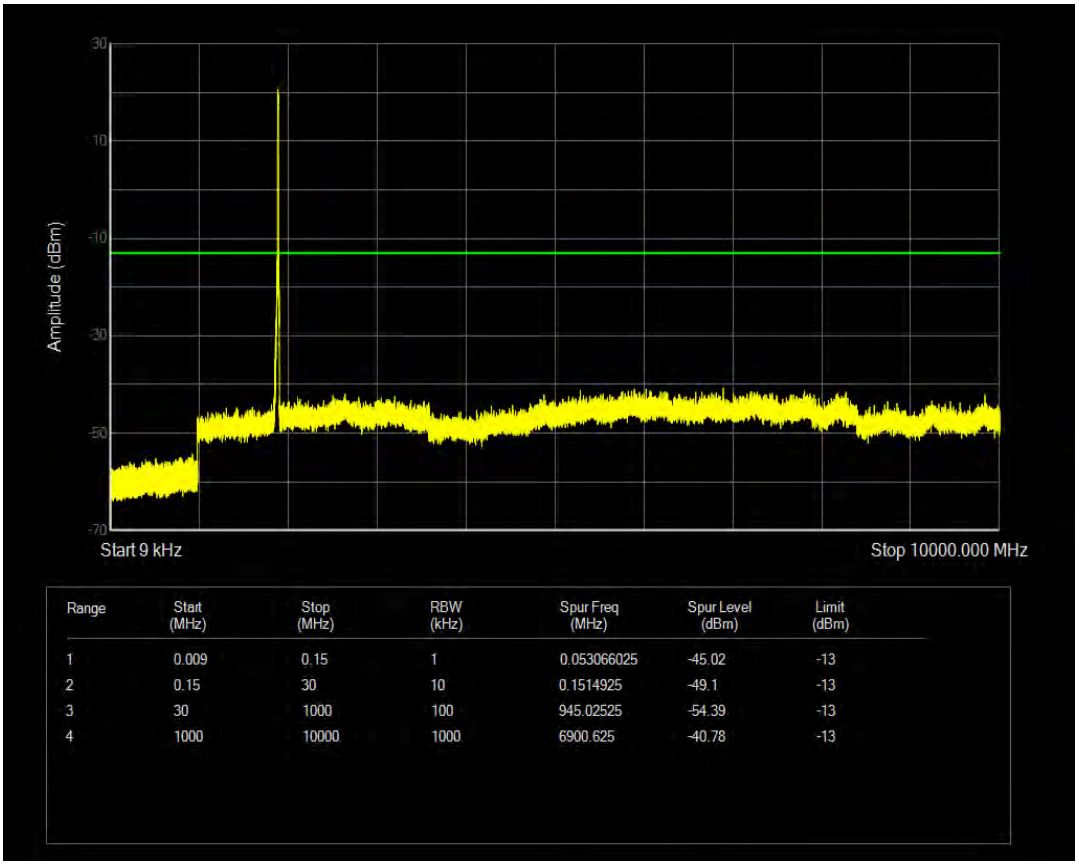
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05308365	-45.72	-13
2	0.15	30	10	0.15	-51.64	-13
3	30	1000	100	889.129	-54.56	-13
4	1000	10000	1000	2653.3	-40.77	-13

Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



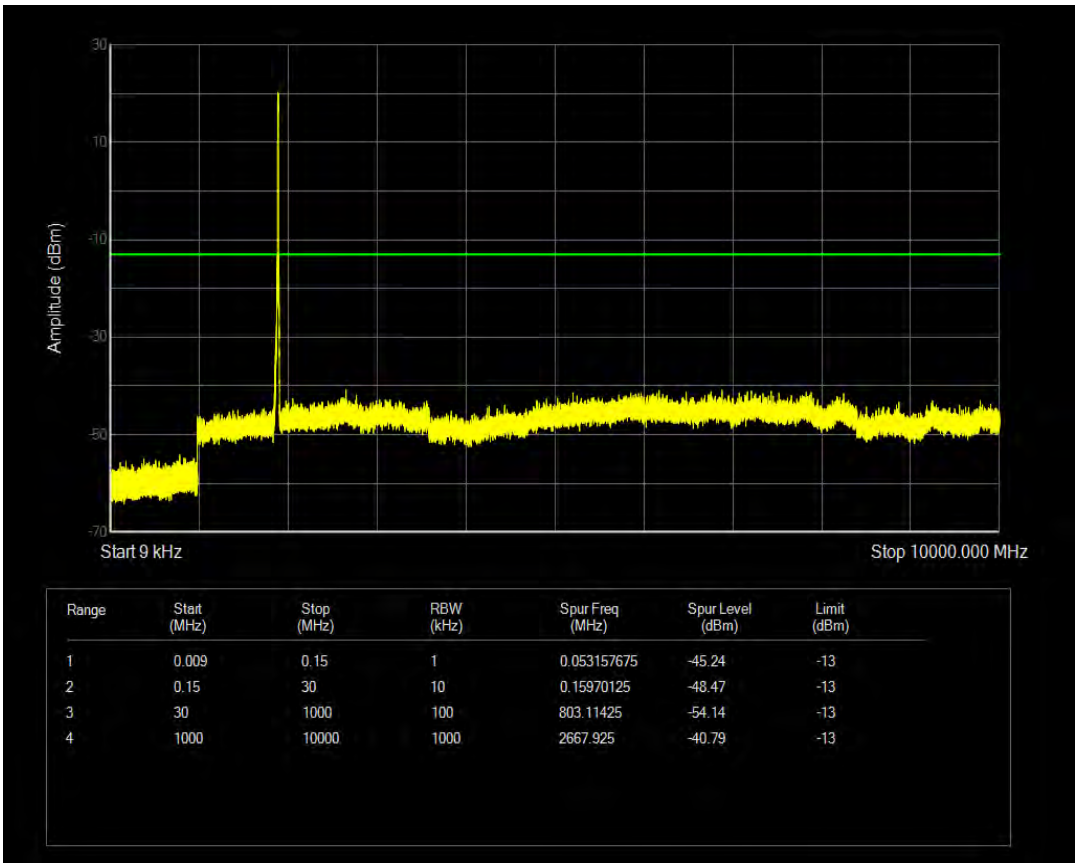
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053122425	-45.9	-13
2	0.15	30	10	0.15522375	-50.88	-13
3	30	1000	100	457.5275	-54.43	-13
4	1000	10000	1000	5903.2	-40.2	-13

Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



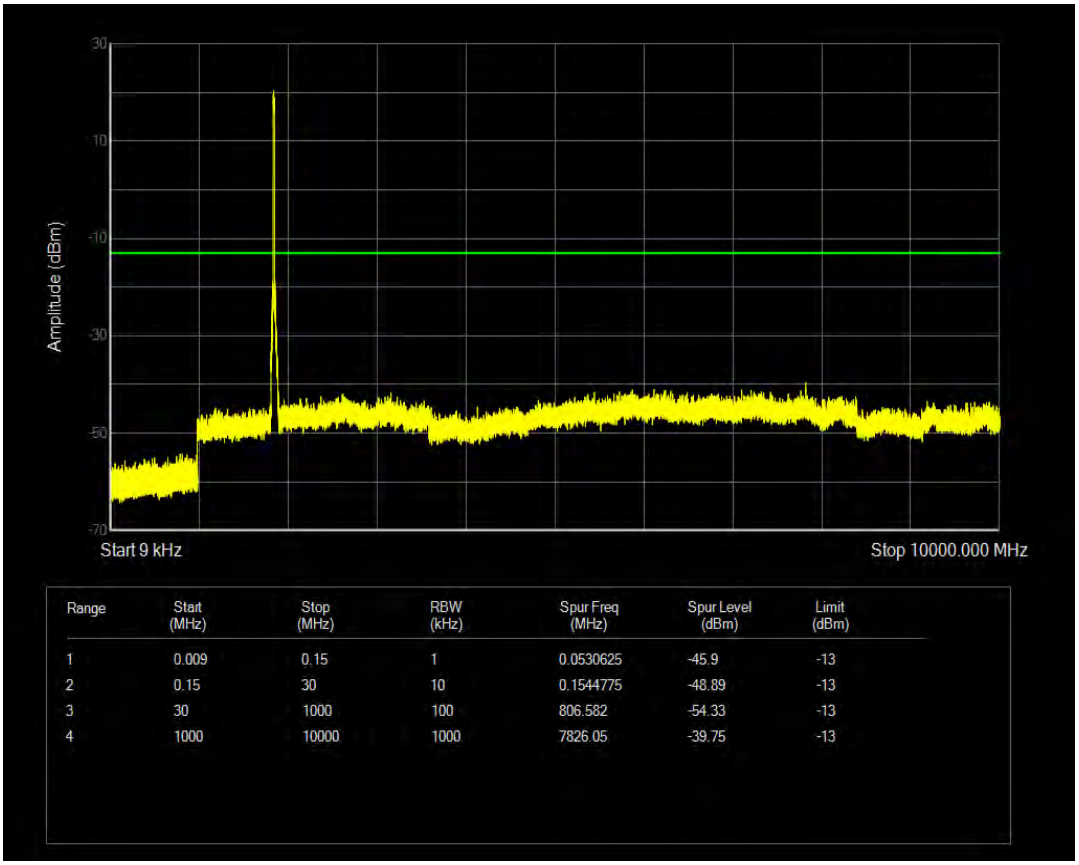
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053066025	-45.02	-13
2	0.15	30	10	0.1514925	-49.1	-13
3	30	1000	100	945.02525	-54.39	-13
4	1000	10000	1000	6900.625	-40.78	-13

Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



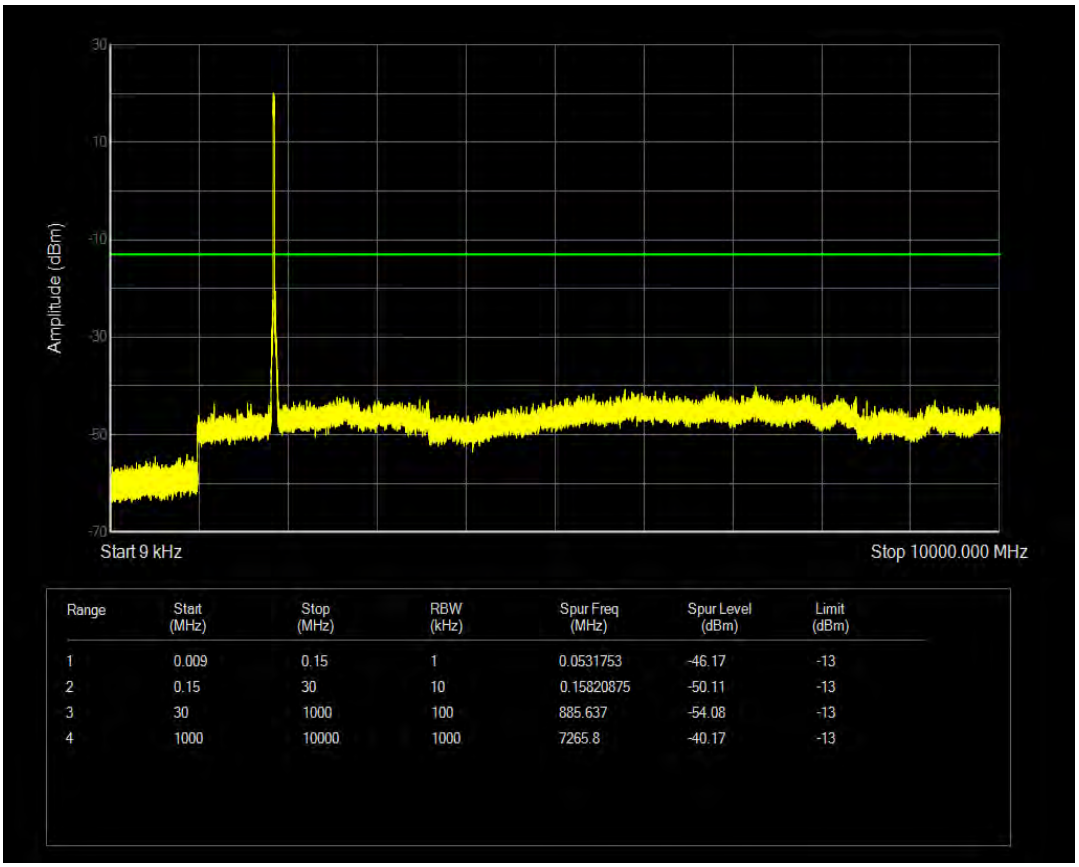
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053157675	-45.24	-13
2	0.15	30	10	0.15970125	-48.47	-13
3	30	1000	100	803.11425	-54.14	-13
4	1000	10000	1000	2667.925	-40.79	-13

Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



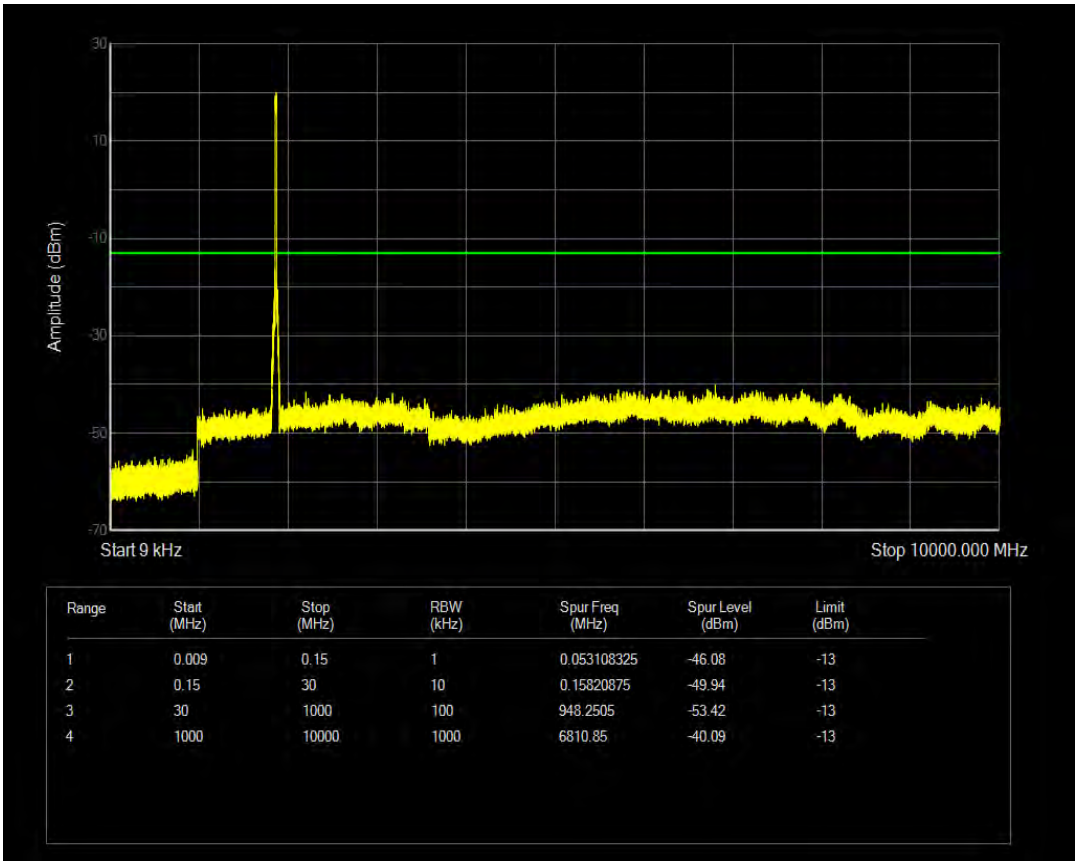
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530625	-45.9	-13
2	0.15	30	10	0.1544775	-48.89	-13
3	30	1000	100	806.582	-54.33	-13
4	1000	10000	1000	7826.05	-39.75	-13

Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



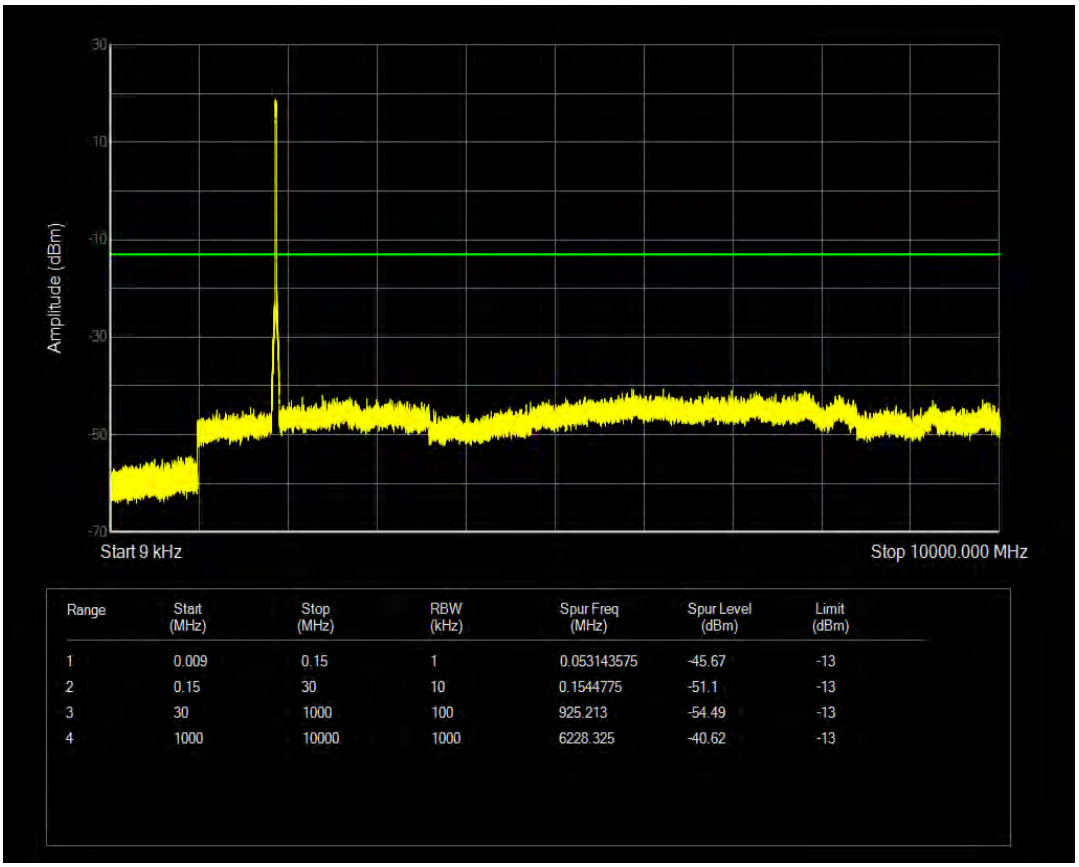
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531753	-46.17	-13
2	0.15	30	10	0.15820875	-50.11	-13
3	30	1000	100	885.637	-54.08	-13
4	1000	10000	1000	7265.8	-40.17	-13

Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



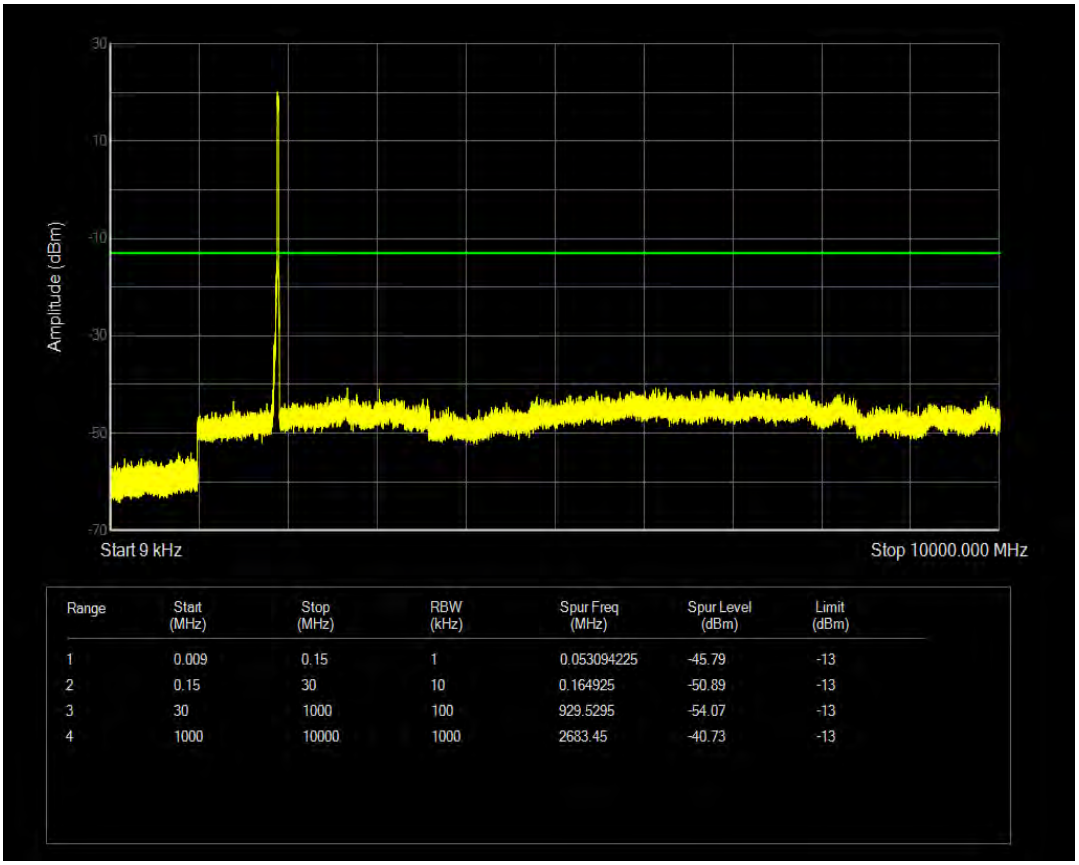
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053108325	-46.08	-13
2	0.15	30	10	0.15820875	-49.94	-13
3	30	1000	100	948.2505	-53.42	-13
4	1000	10000	1000	6810.85	-40.09	-13

Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



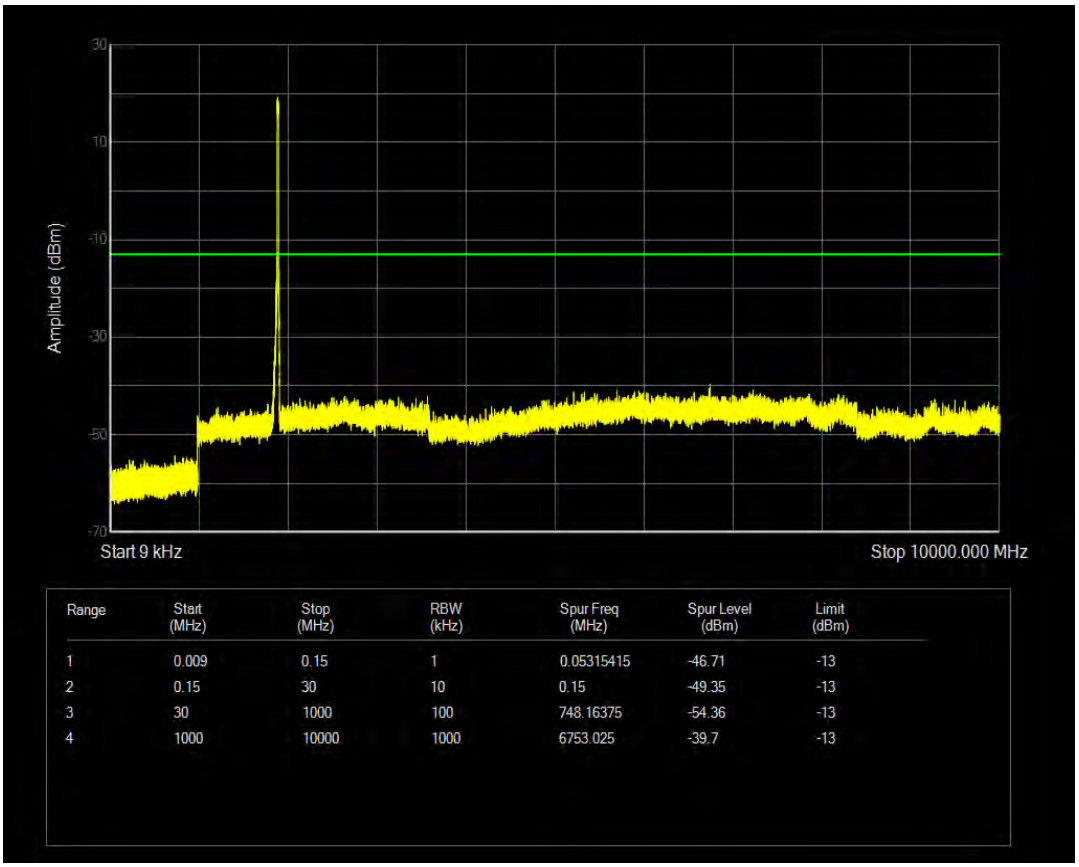
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053143575	-45.67	-13
2	0.15	30	10	0.1544775	-51.1	-13
3	30	1000	100	925.213	-54.49	-13
4	1000	10000	1000	6228.325	-40.62	-13

Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



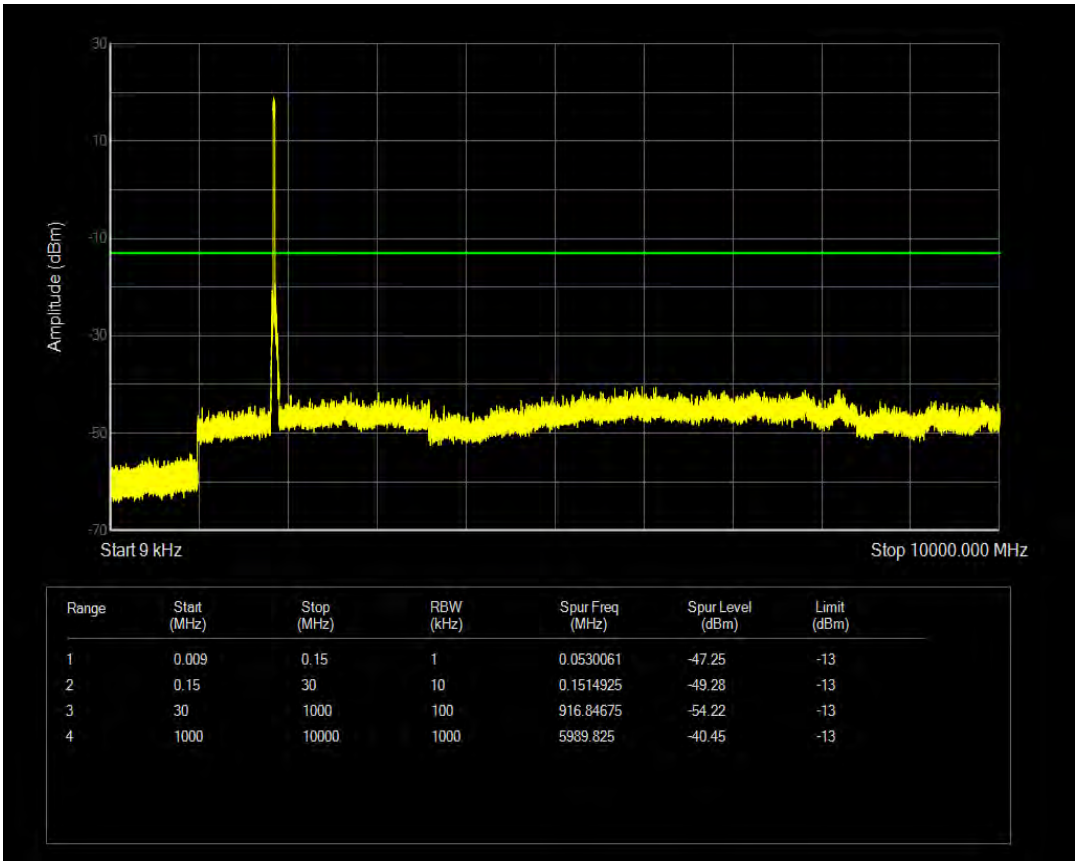
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053094225	-45.79	-13
2	0.15	30	10	0.164925	-50.89	-13
3	30	1000	100	929.5295	-54.07	-13
4	1000	10000	1000	2683.45	-40.73	-13

Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



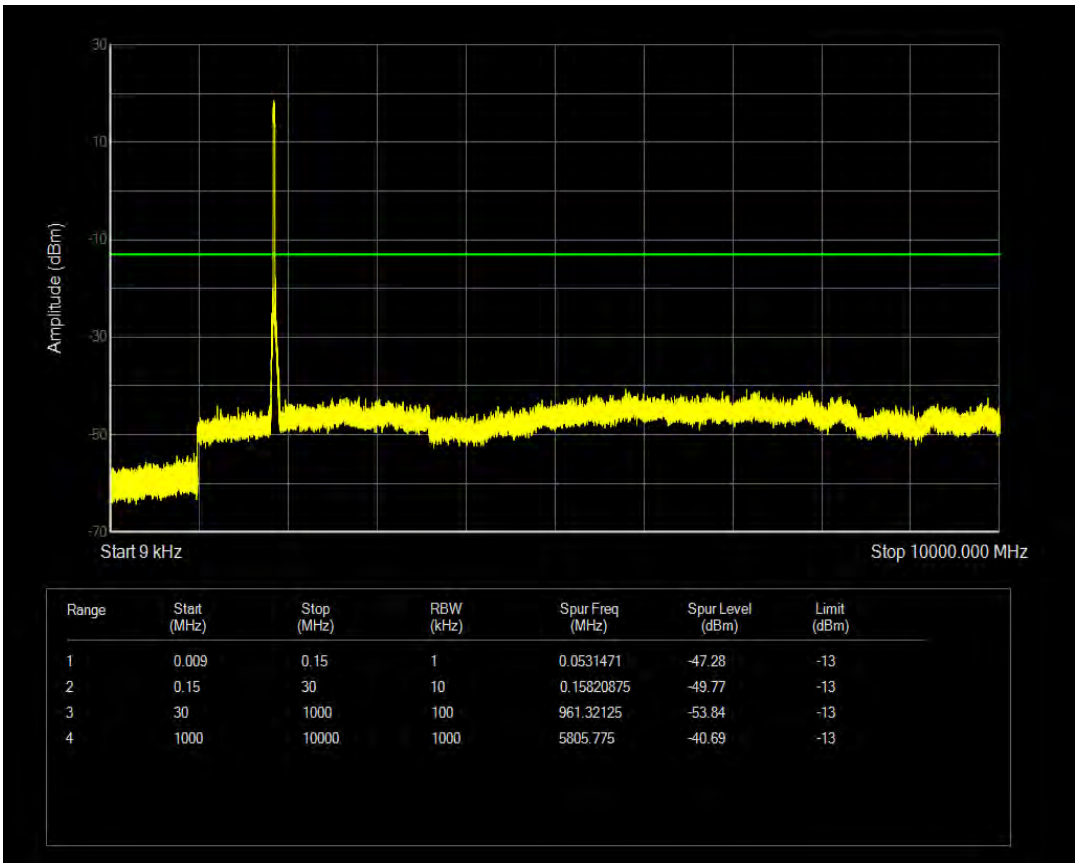
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05315415	-46.71	-13
2	0.15	30	10	0.15	-49.35	-13
3	30	1000	100	748.16375	-54.36	-13
4	1000	10000	1000	6753.025	-39.7	-13

Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



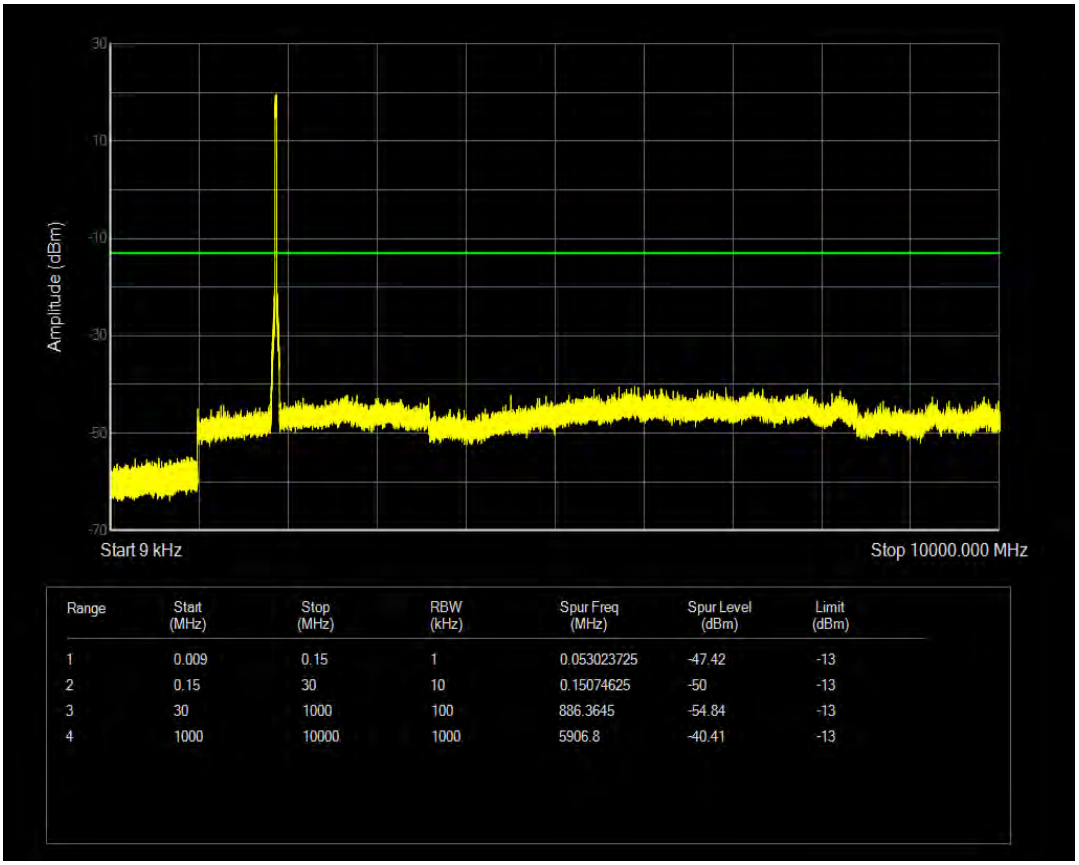
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530061	-47.25	-13
2	0.15	30	10	0.1514925	-49.28	-13
3	30	1000	100	916.84675	-54.22	-13
4	1000	10000	1000	5989.825	-40.45	-13

Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



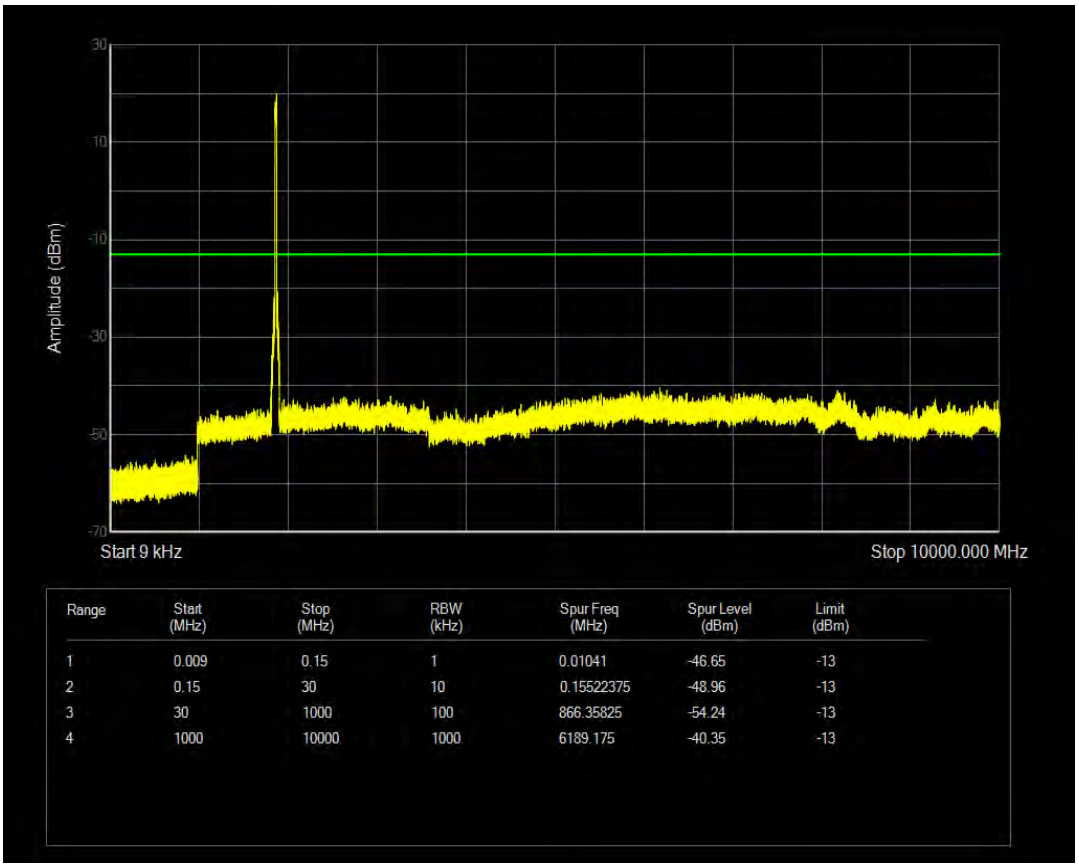
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531471	-47.28	-13
2	0.15	30	10	0.15820875	-49.77	-13
3	30	1000	100	961.32125	-53.84	-13
4	1000	10000	1000	5805.775	-40.69	-13

Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



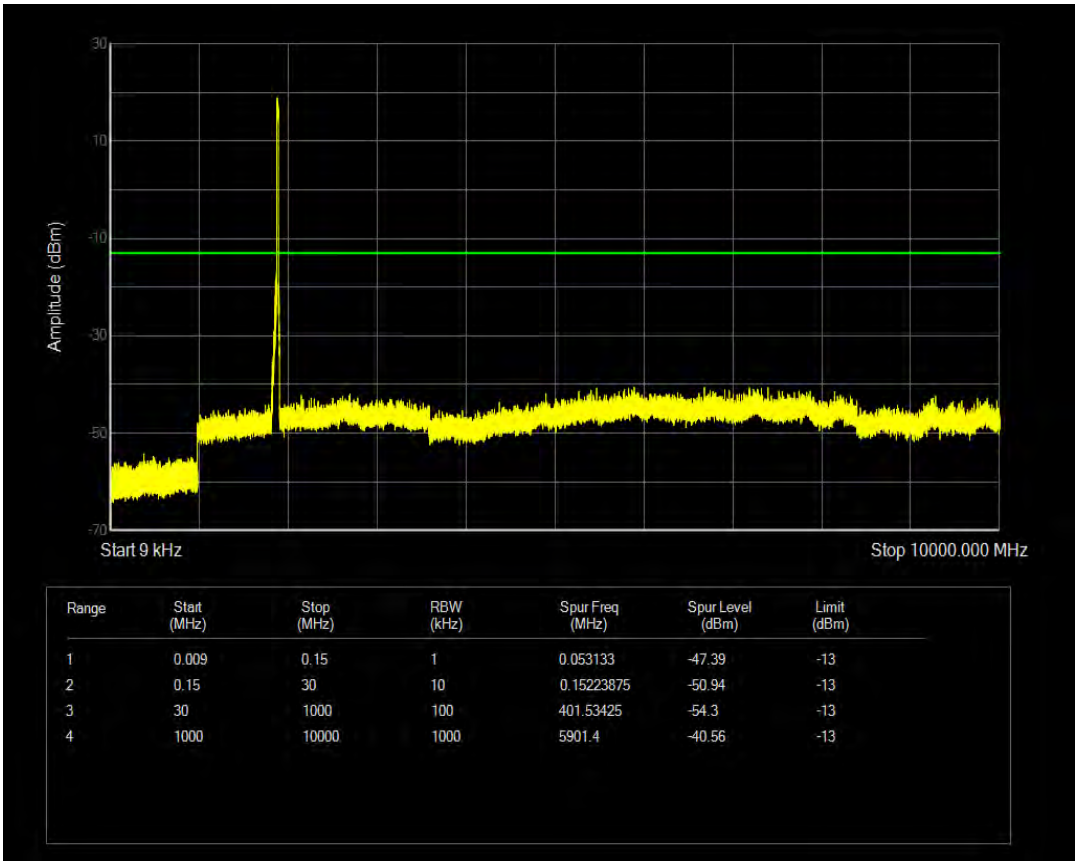
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053023725	-47.42	-13
2	0.15	30	10	0.15074625	-50	-13
3	30	1000	100	886.3645	-54.84	-13
4	1000	10000	1000	5906.8	-40.41	-13

Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



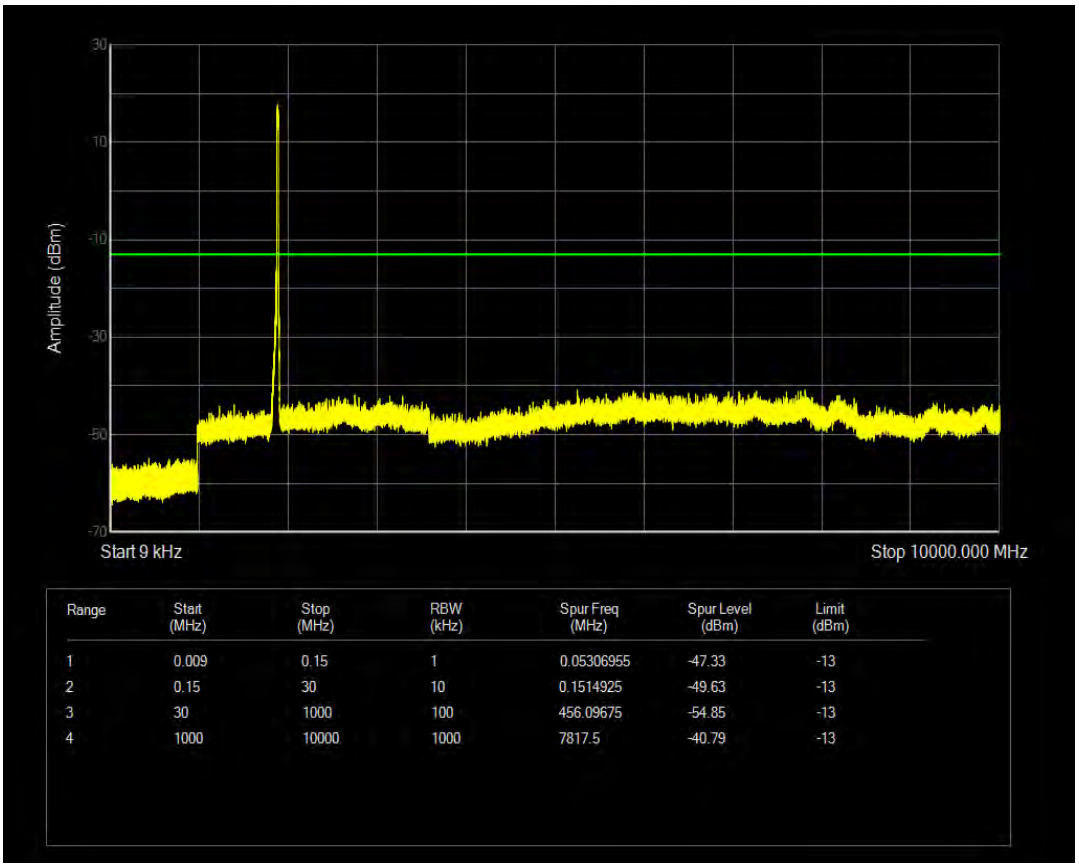
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01041	-46.65	-13
2	0.15	30	10	0.15522375	-48.96	-13
3	30	1000	100	866.35825	-54.24	-13
4	1000	10000	1000	6189.175	-40.35	-13

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



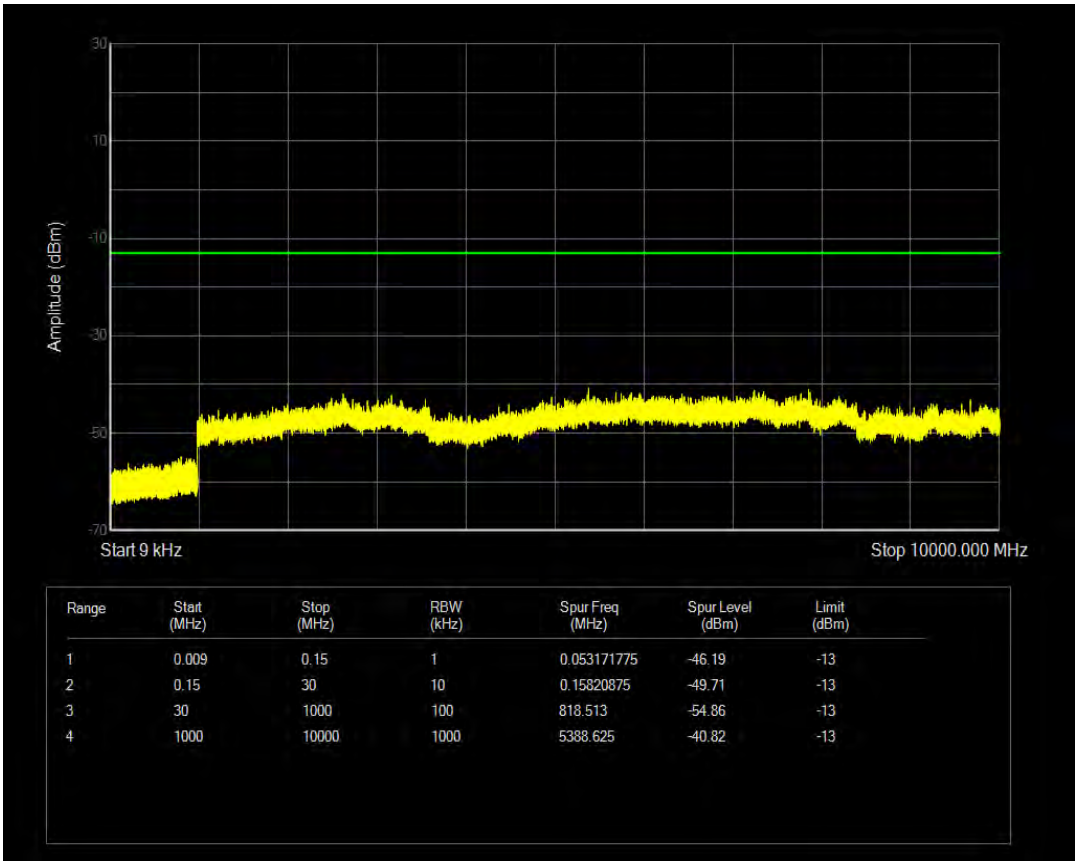
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053133	-47.39	-13
2	0.15	30	10	0.15223875	-50.94	-13
3	30	1000	100	401.53425	-54.3	-13
4	1000	10000	1000	5901.4	-40.56	-13

Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



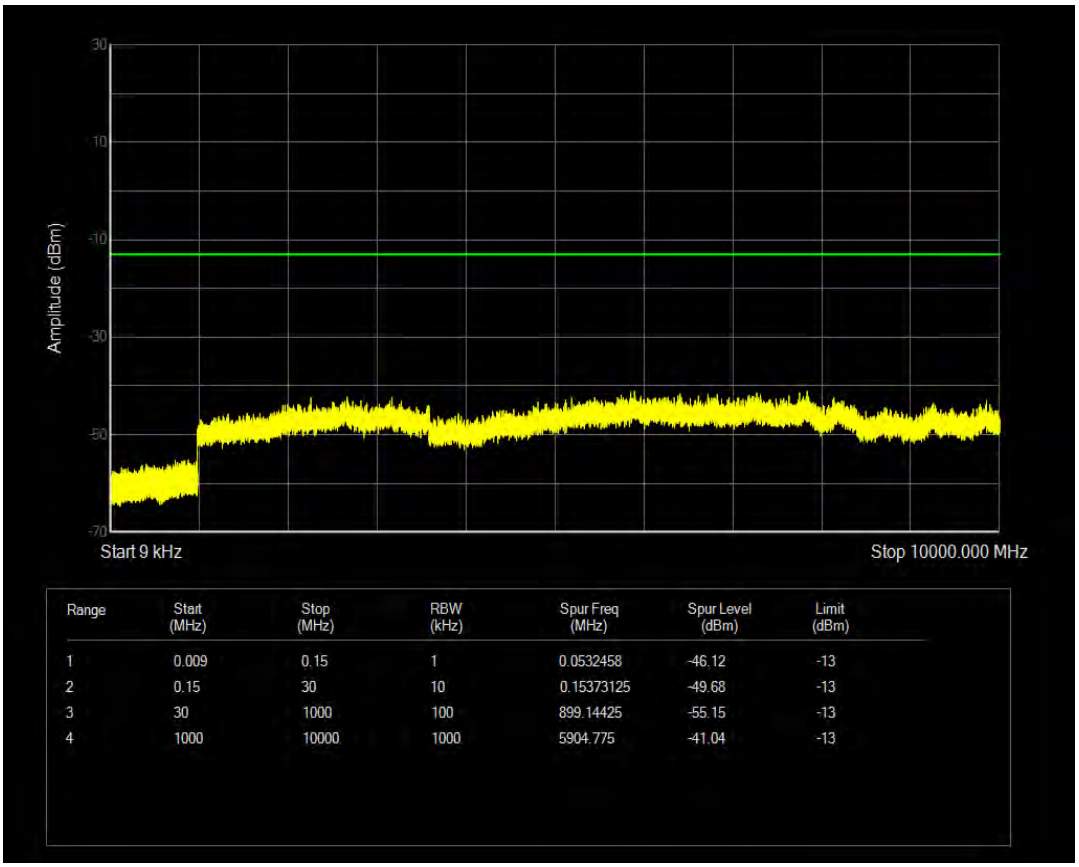
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05306955	-47.33	-13
2	0.15	30	10	0.1514925	-49.63	-13
3	30	1000	100	456.09675	-54.85	-13
4	1000	10000	1000	7817.5	-40.79	-13

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



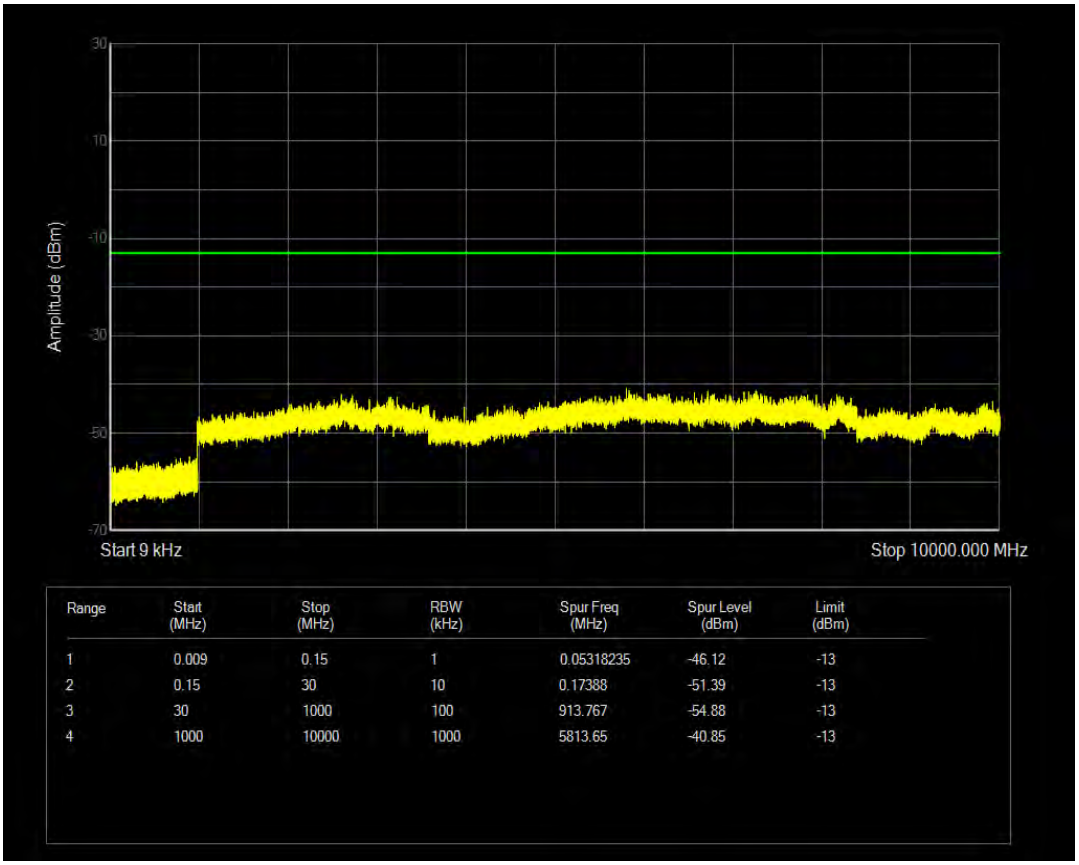
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-46.19	-13
2	0.15	30	10	0.15820875	-49.71	-13
3	30	1000	100	818.513	-54.86	-13
4	1000	10000	1000	5388.625	-40.82	-13

Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



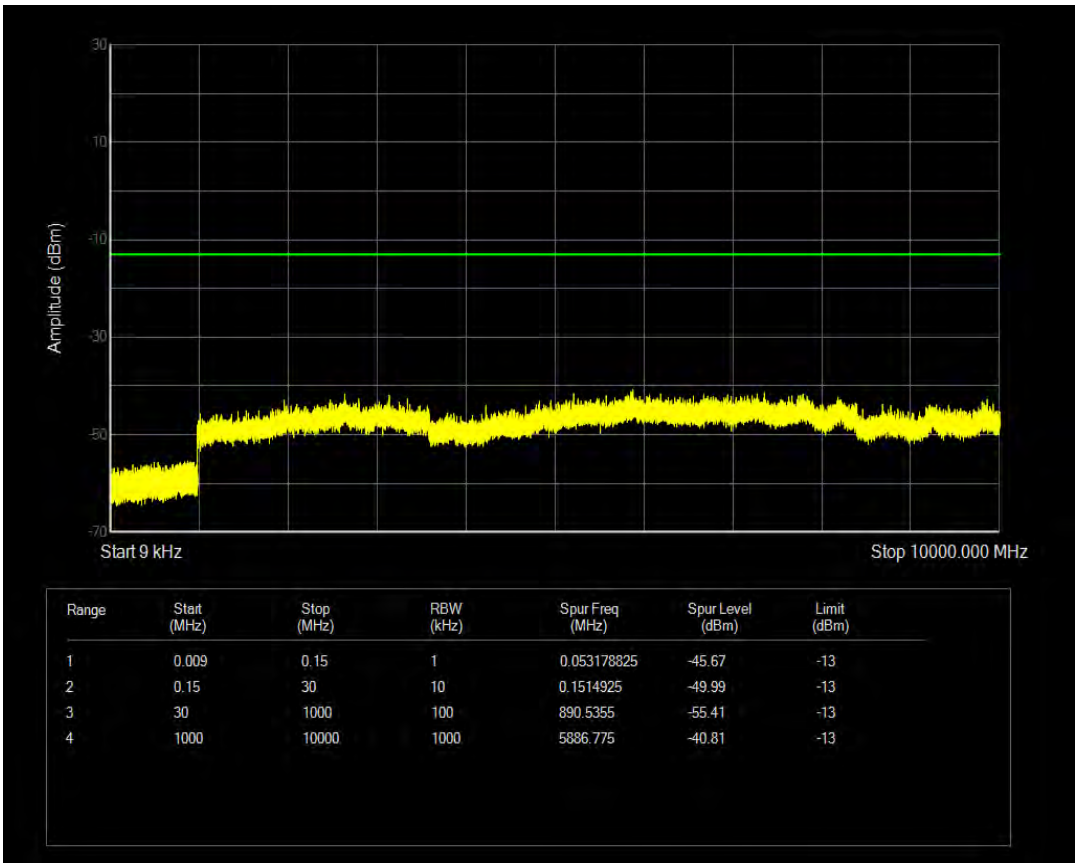
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0532458	-46.12	-13
2	0.15	30	10	0.15373125	-49.68	-13
3	30	1000	100	899.14425	-55.15	-13
4	1000	10000	1000	5904.775	-41.04	-13

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



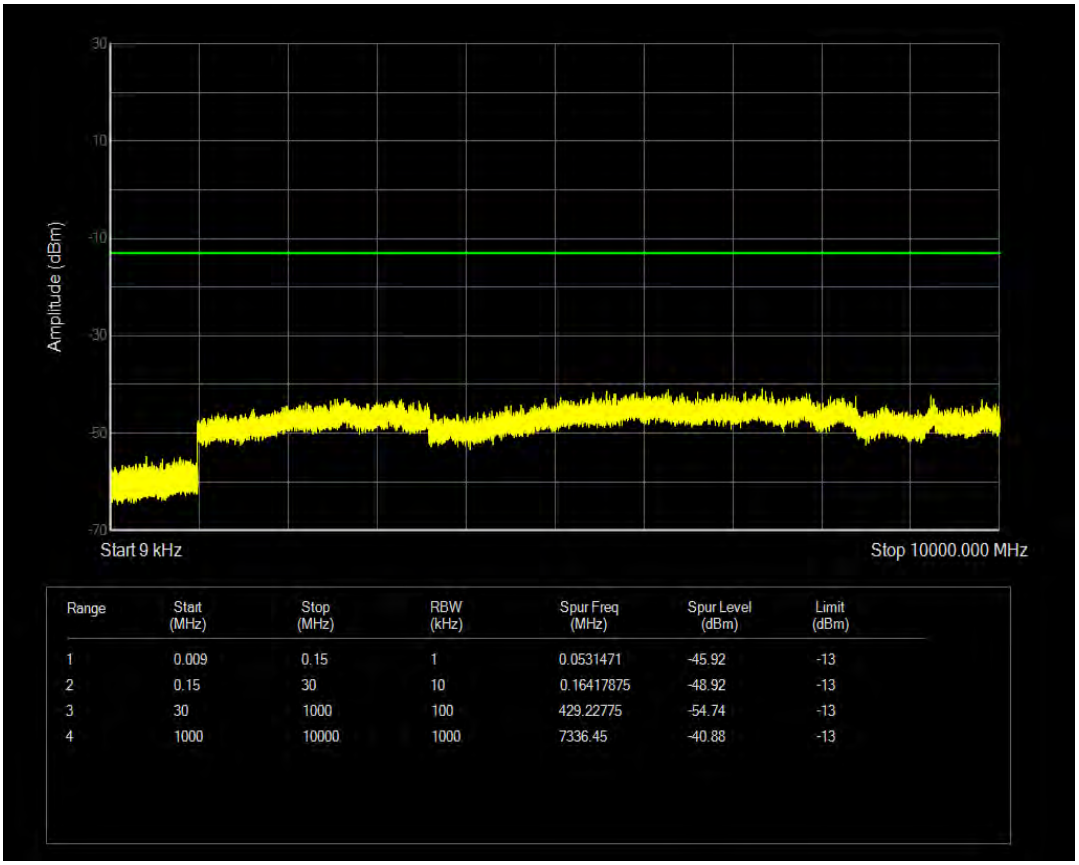
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05318235	-46.12	-13
2	0.15	30	10	0.17388	-51.39	-13
3	30	1000	100	913.767	-54.88	-13
4	1000	10000	1000	5813.65	-40.85	-13

Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



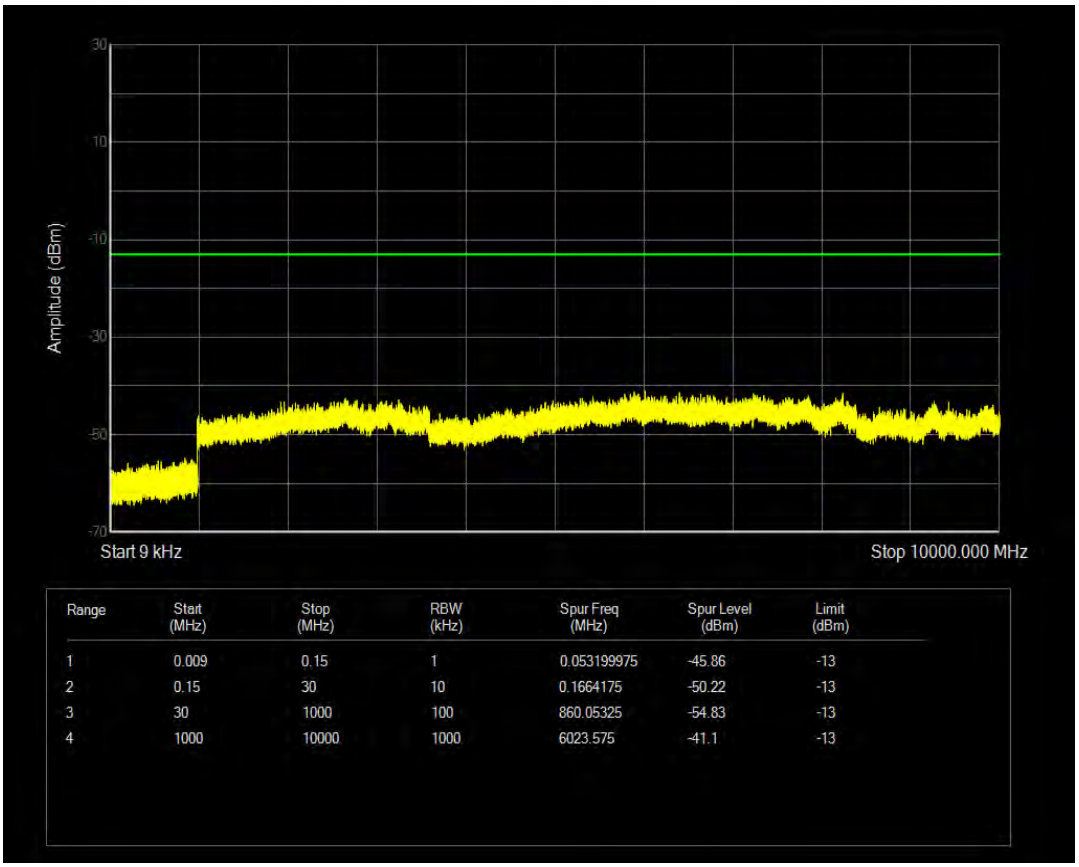
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053178825	-45.67	-13
2	0.15	30	10	0.1514925	-49.99	-13
3	30	1000	100	890.5355	-55.41	-13
4	1000	10000	1000	5886.775	-40.81	-13

Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



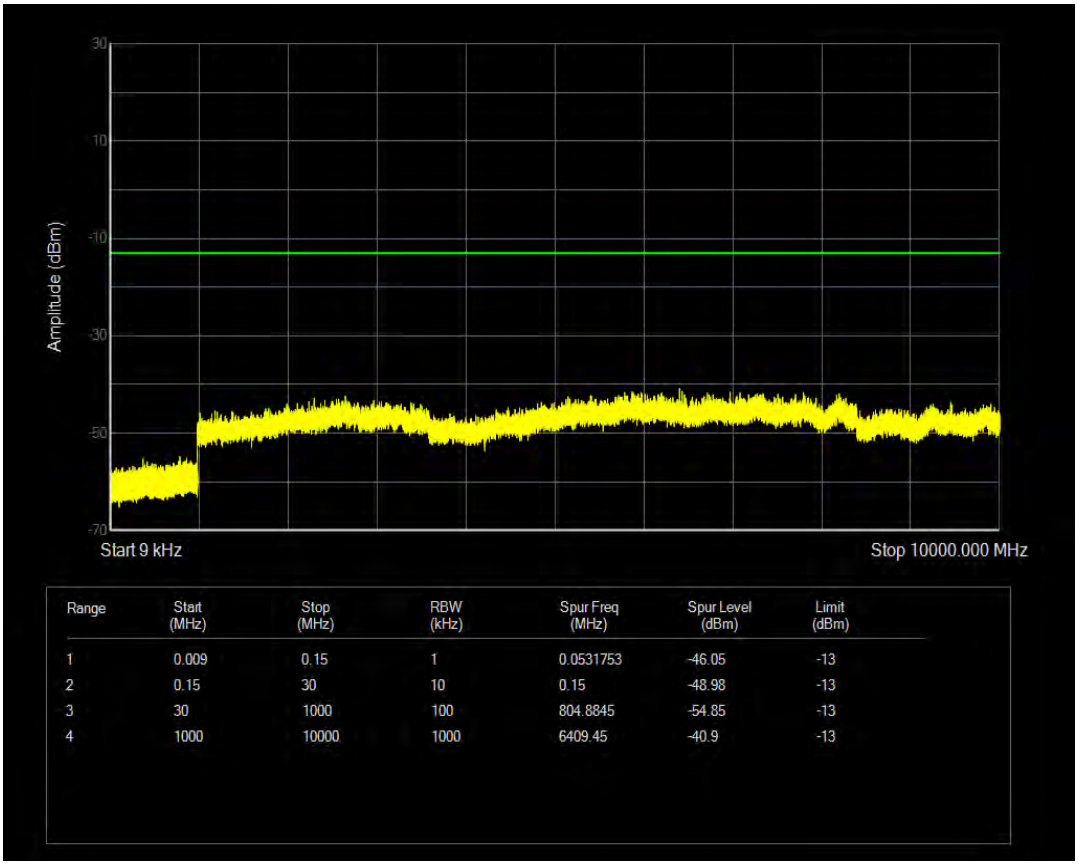
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531471	-45.92	-13
2	0.15	30	10	0.16417875	-48.92	-13
3	30	1000	100	429.22775	-54.74	-13
4	1000	10000	1000	7336.45	-40.88	-13

Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



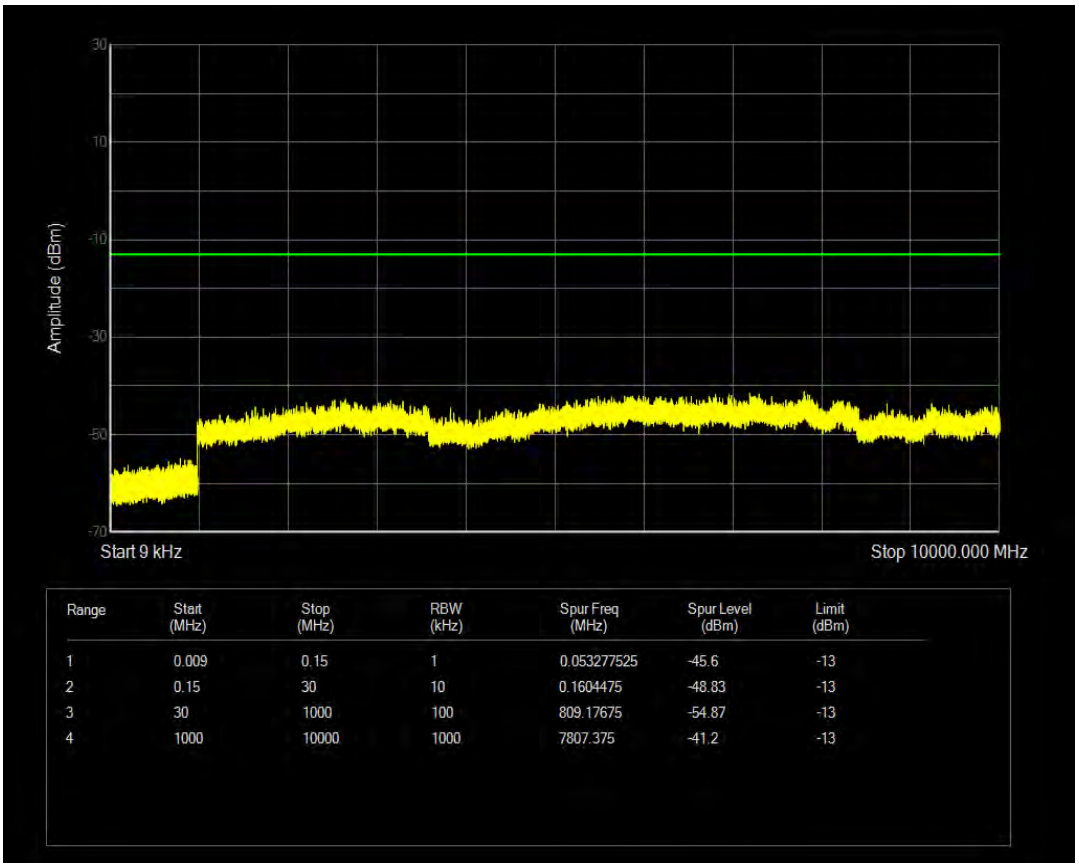
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053199975	-45.86	-13
2	0.15	30	10	0.1664175	-50.22	-13
3	30	1000	100	860.05325	-54.83	-13
4	1000	10000	1000	6023.575	-41.1	-13

Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



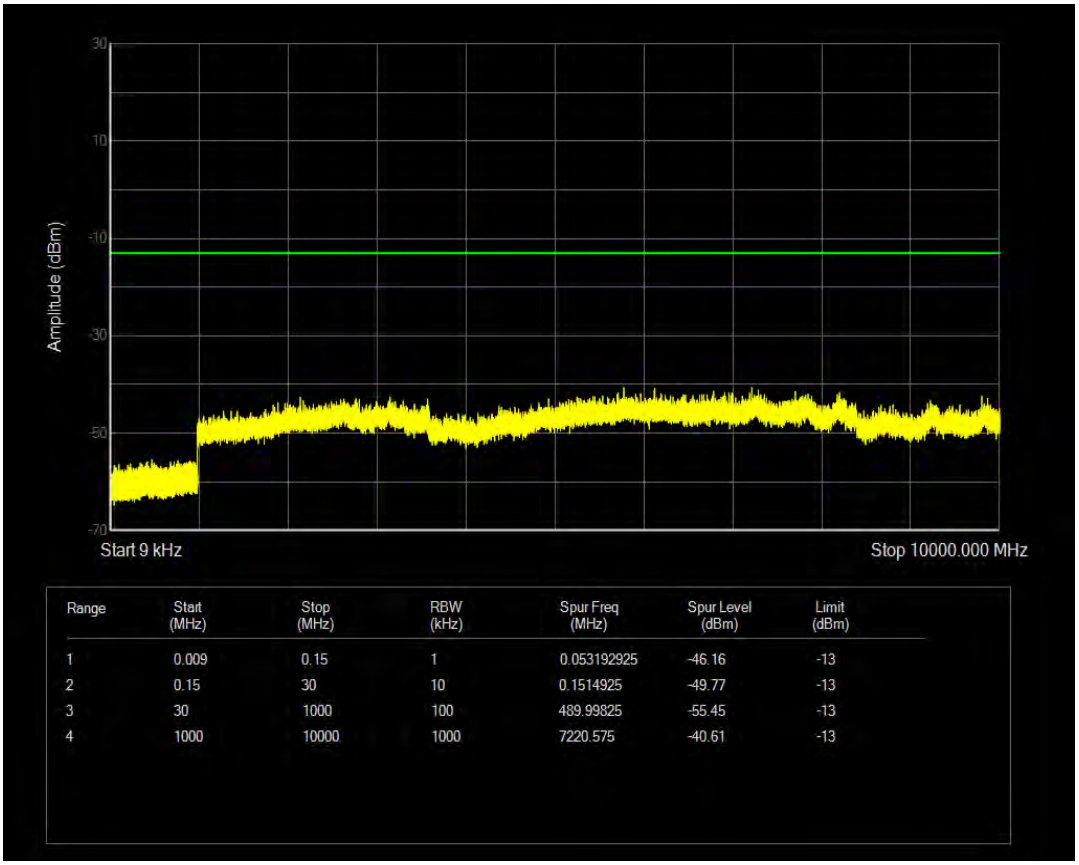
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531753	-46.05	-13
2	0.15	30	10	0.15	-48.98	-13
3	30	1000	100	804.8845	-54.85	-13
4	1000	10000	1000	6409.45	-40.9	-13

Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



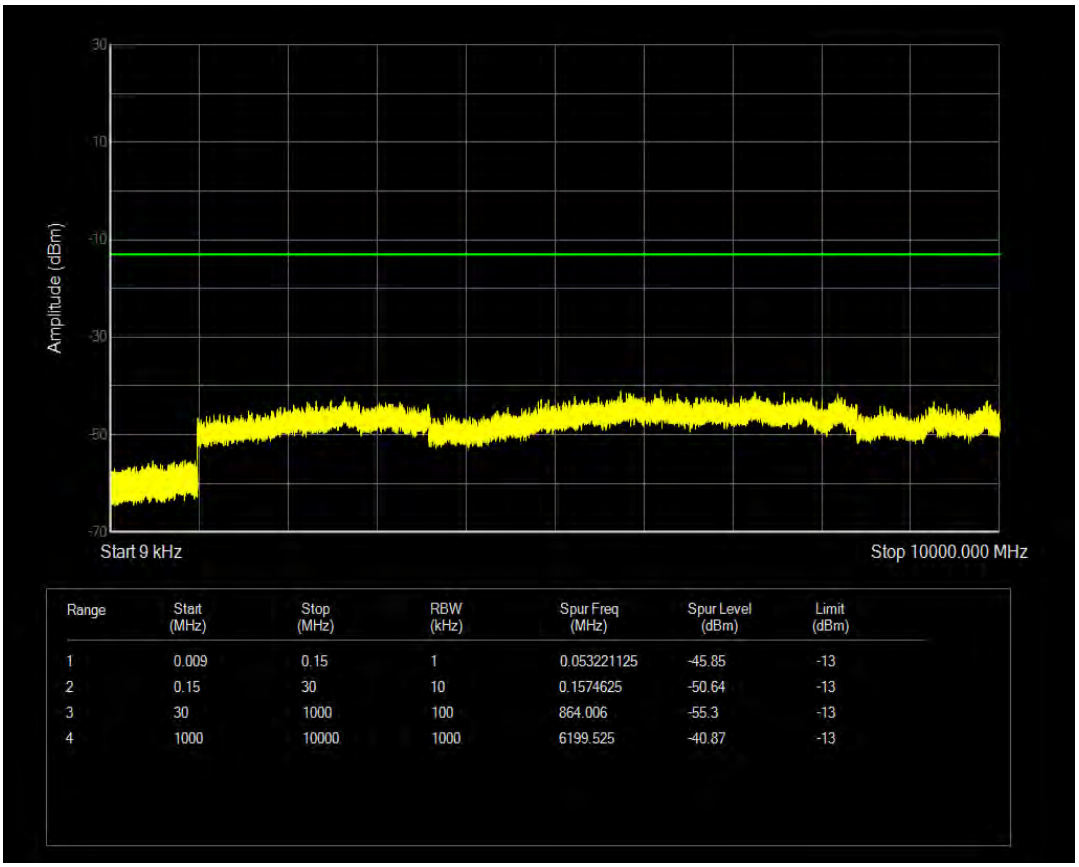
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053277525	-45.6	-13
2	0.15	30	10	0.1604475	-48.83	-13
3	30	1000	100	809.17675	-54.87	-13
4	1000	10000	1000	7807.375	-41.2	-13

Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



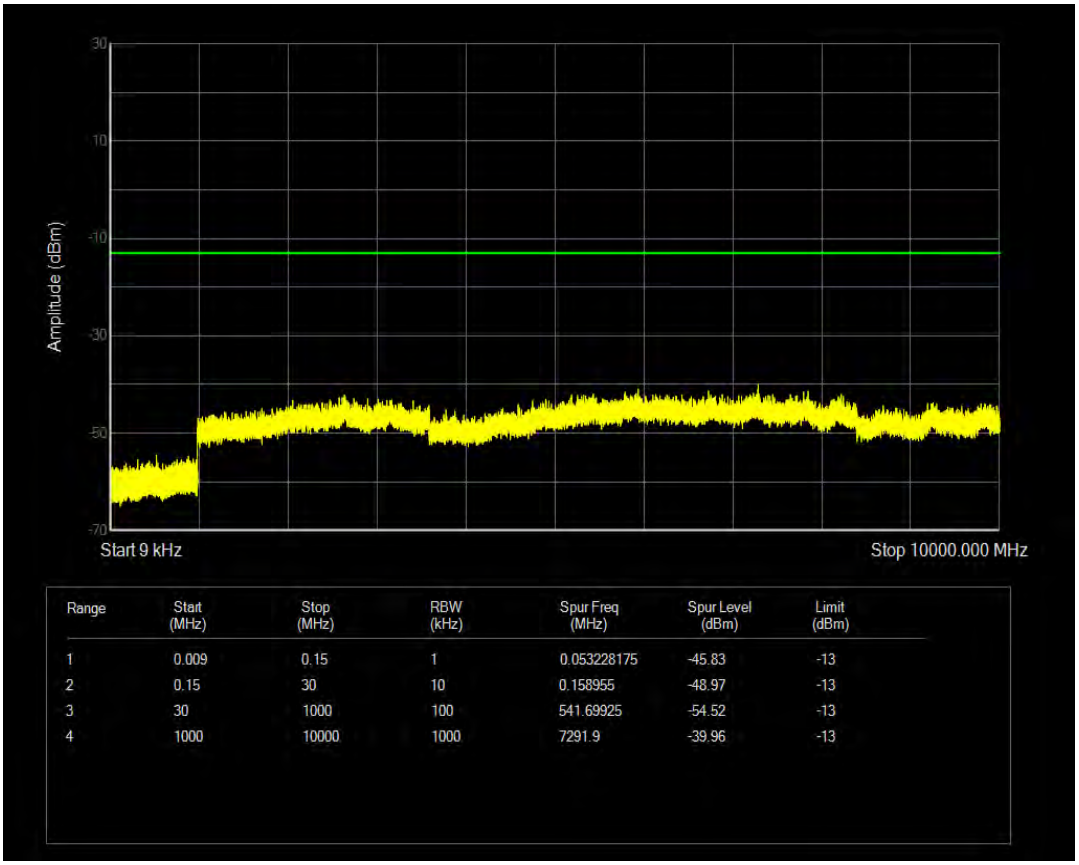
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053192925	-46.16	-13
2	0.15	30	10	0.1514925	-49.77	-13
3	30	1000	100	489.99825	-55.45	-13
4	1000	10000	1000	7220.575	-40.61	-13

Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



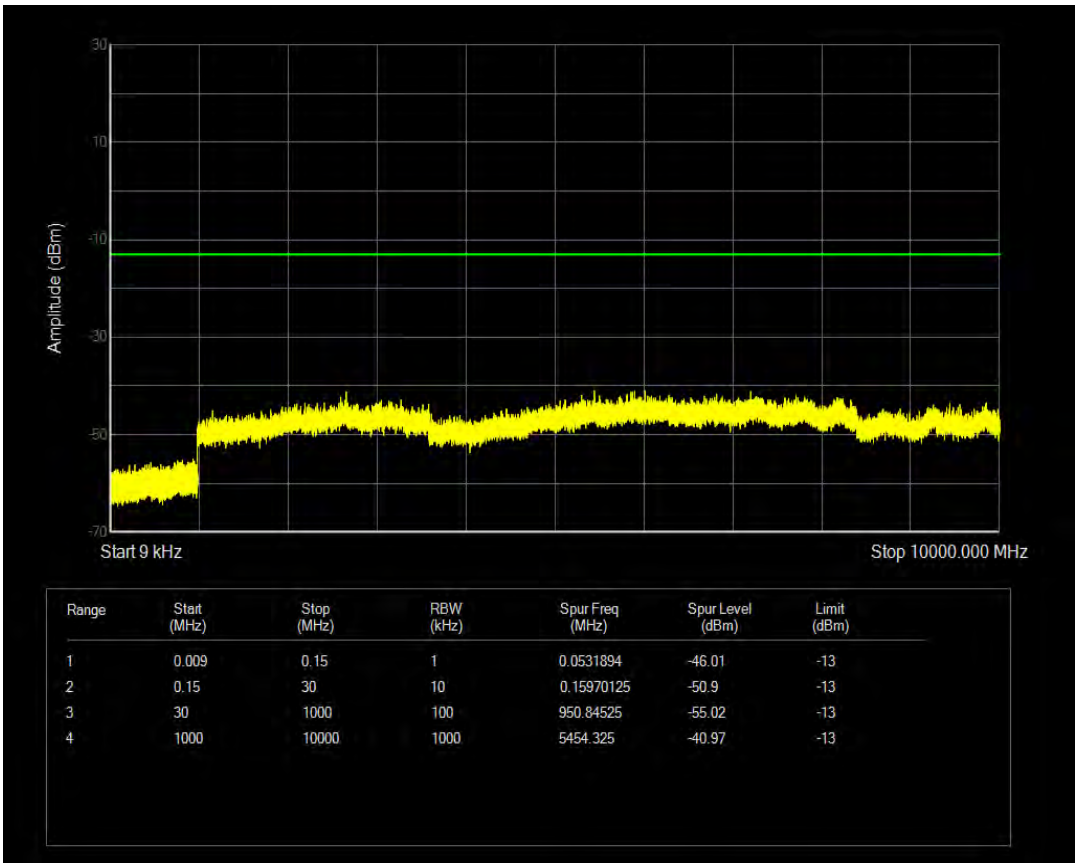
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053221125	-45.85	-13
2	0.15	30	10	0.1574625	-50.64	-13
3	30	1000	100	864.006	-55.3	-13
4	1000	10000	1000	6199.525	-40.87	-13

Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



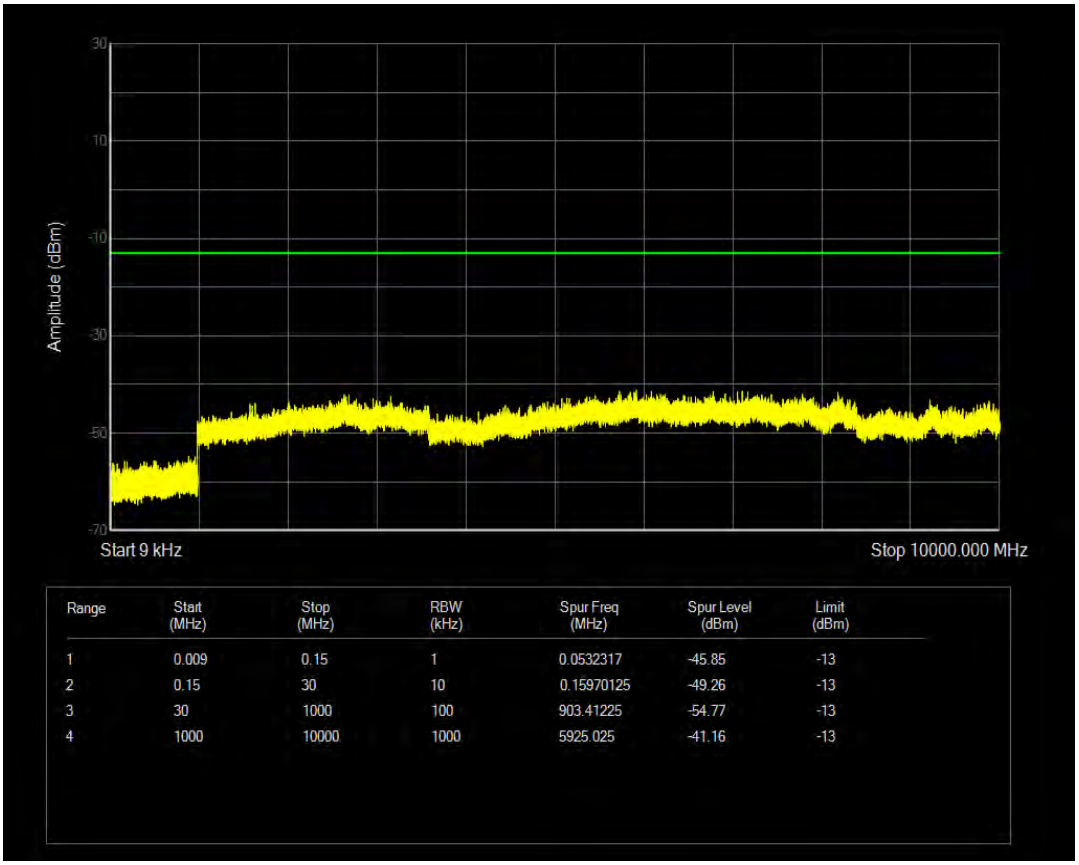
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053228175	-45.83	-13
2	0.15	30	10	0.158955	-48.97	-13
3	30	1000	100	541.69925	-54.52	-13
4	1000	10000	1000	7291.9	-39.96	-13

Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



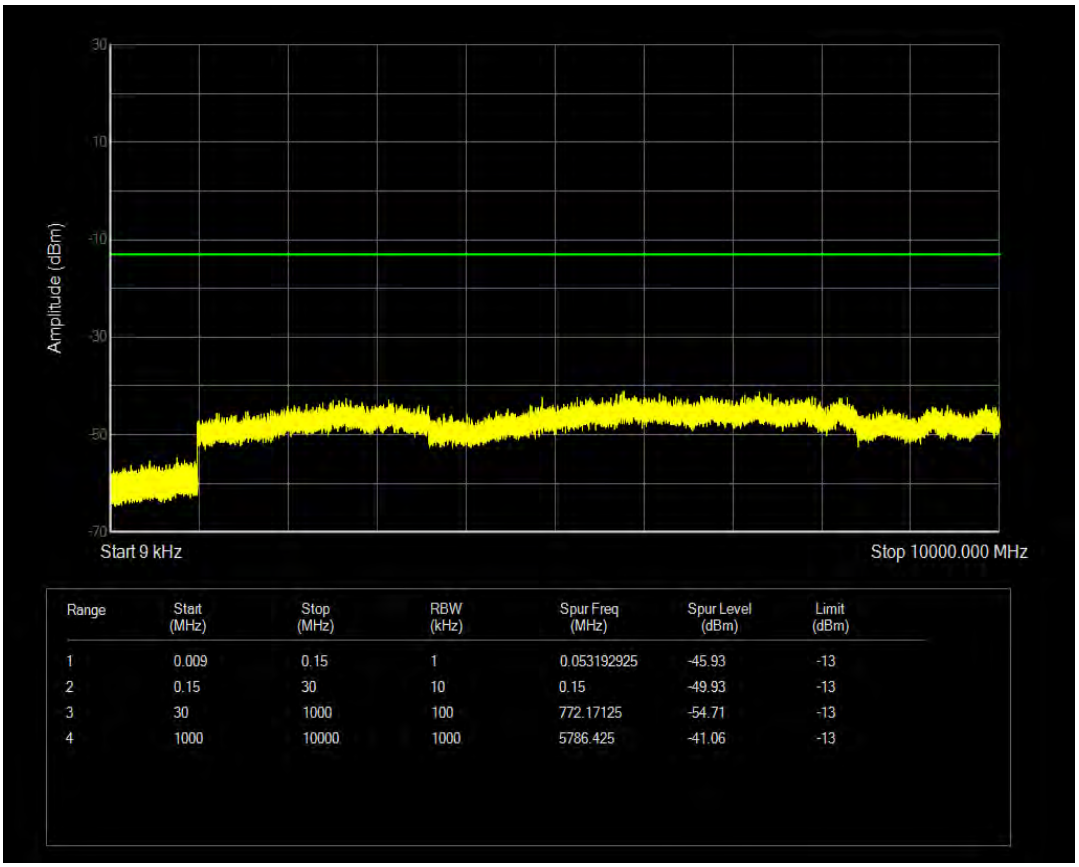
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531894	-46.01	-13
2	0.15	30	10	0.15970125	-50.9	-13
3	30	1000	100	950.84525	-55.02	-13
4	1000	10000	1000	5454.325	-40.97	-13

Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



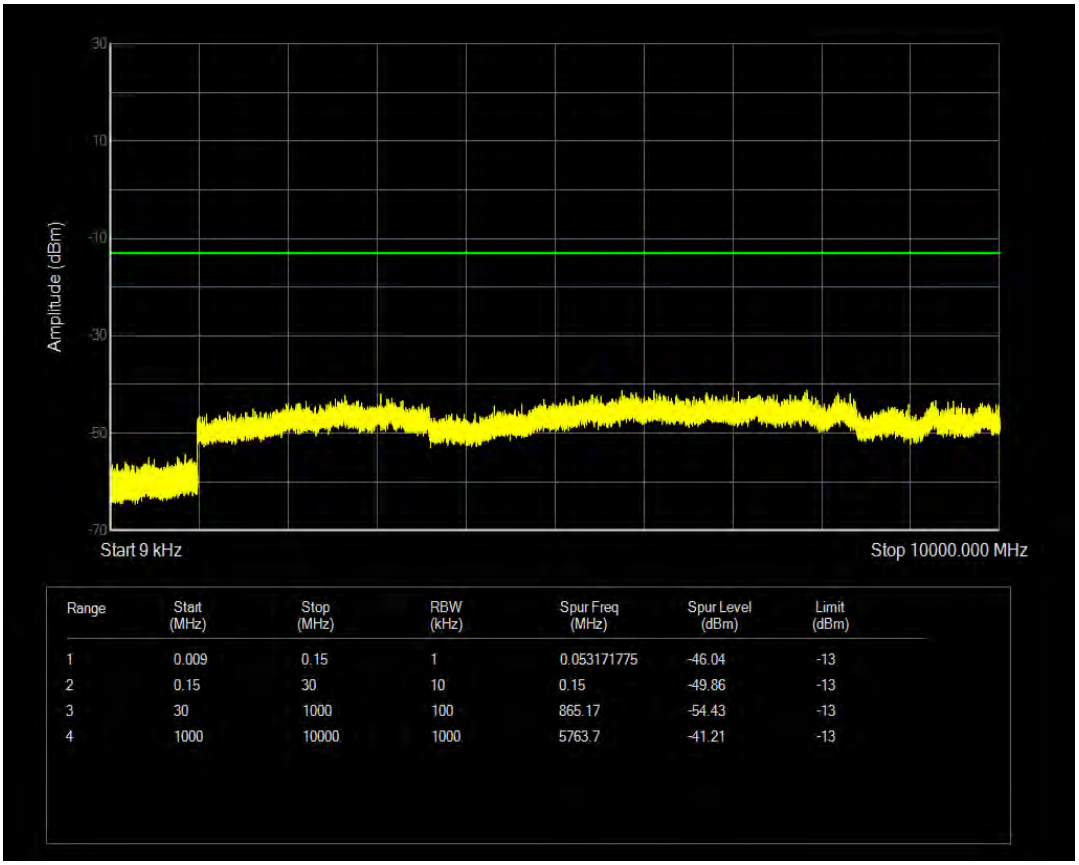
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0532317	-45.85	-13
2	0.15	30	10	0.15970125	-49.26	-13
3	30	1000	100	903.41225	-54.77	-13
4	1000	10000	1000	5925.025	-41.16	-13

Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



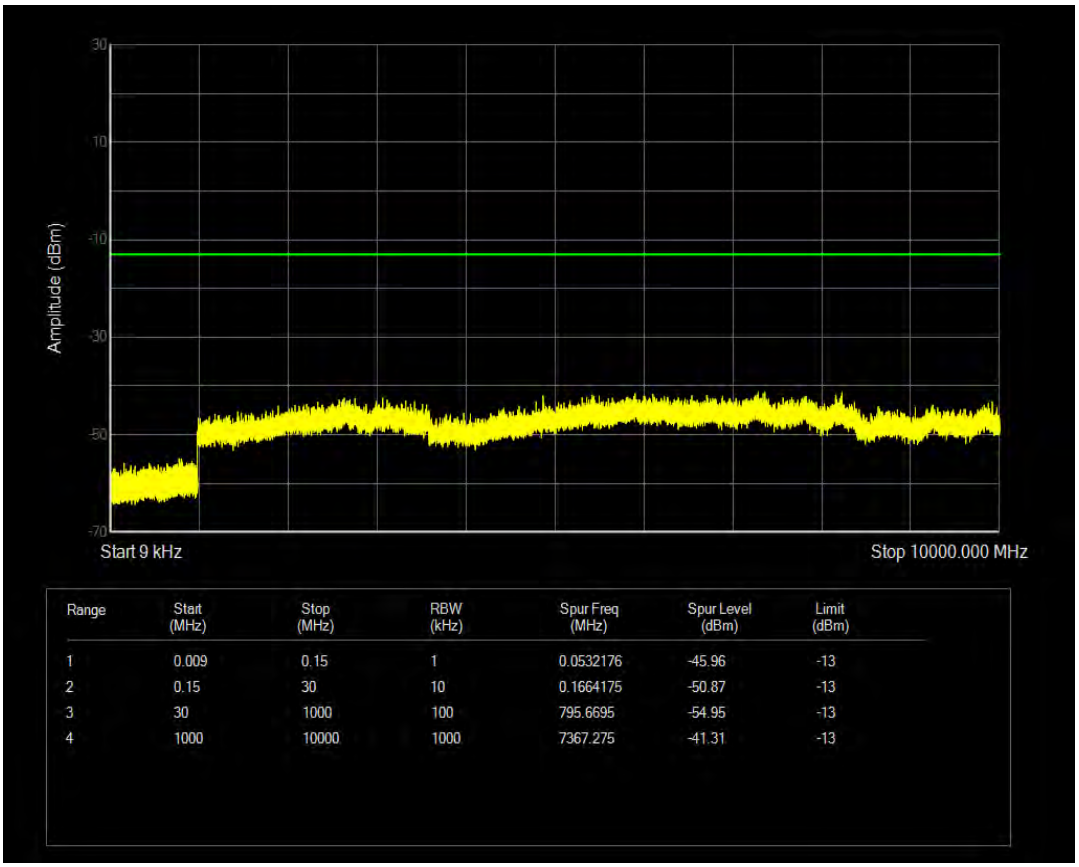
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053192925	-45.93	-13
2	0.15	30	10	0.15	-49.93	-13
3	30	1000	100	772.17125	-54.71	-13
4	1000	10000	1000	5786.425	-41.06	-13

Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



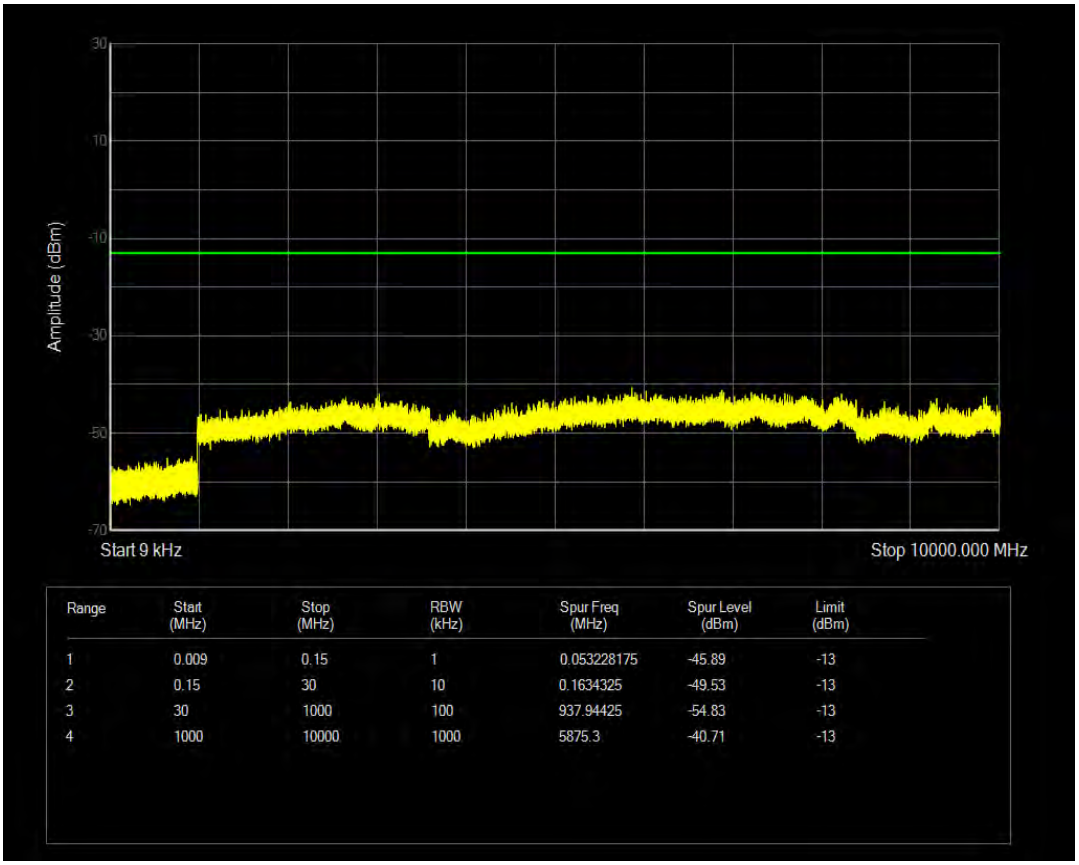
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-46.04	-13
2	0.15	30	10	0.15	-49.86	-13
3	30	1000	100	865.17	-54.43	-13
4	1000	10000	1000	5763.7	-41.21	-13

Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



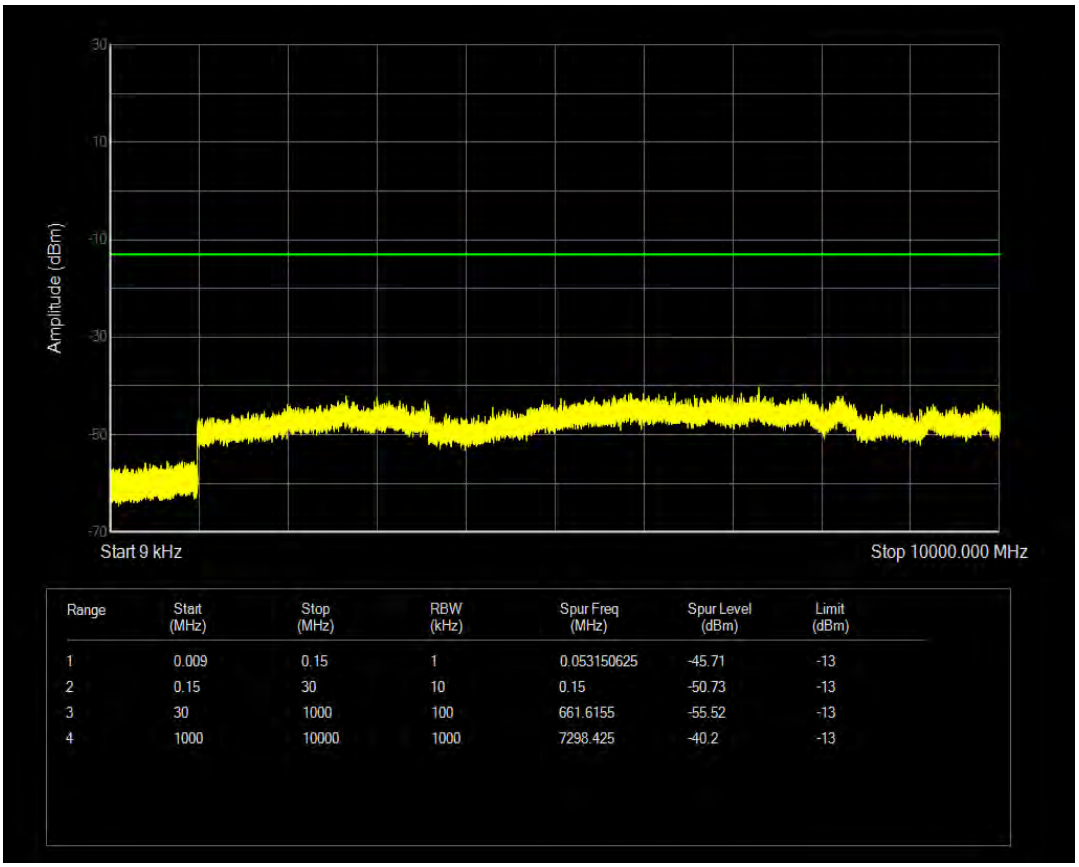
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0532176	-45.96	-13
2	0.15	30	10	0.1664175	-50.87	-13
3	30	1000	100	795.6695	-54.95	-13
4	1000	10000	1000	7367.275	-41.31	-13

Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



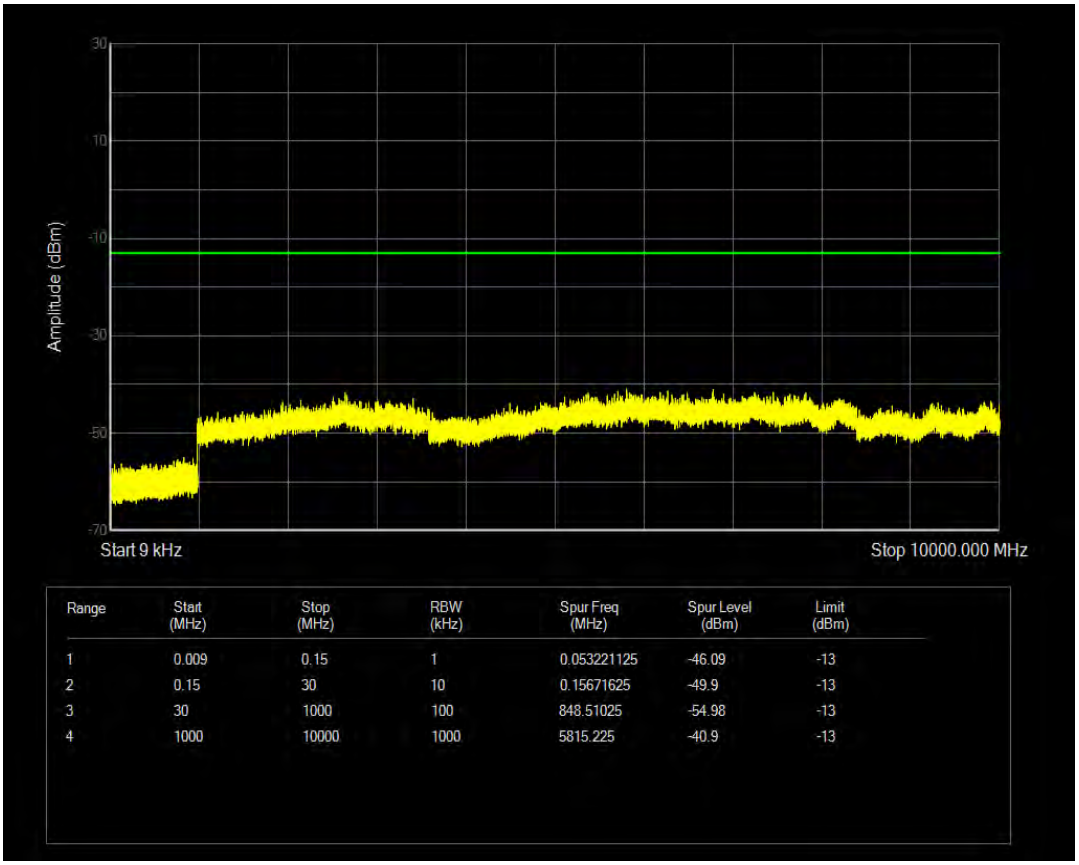
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053228175	-45.89	-13
2	0.15	30	10	0.1634325	-49.53	-13
3	30	1000	100	937.94425	-54.83	-13
4	1000	10000	1000	5875.3	-40.71	-13

Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



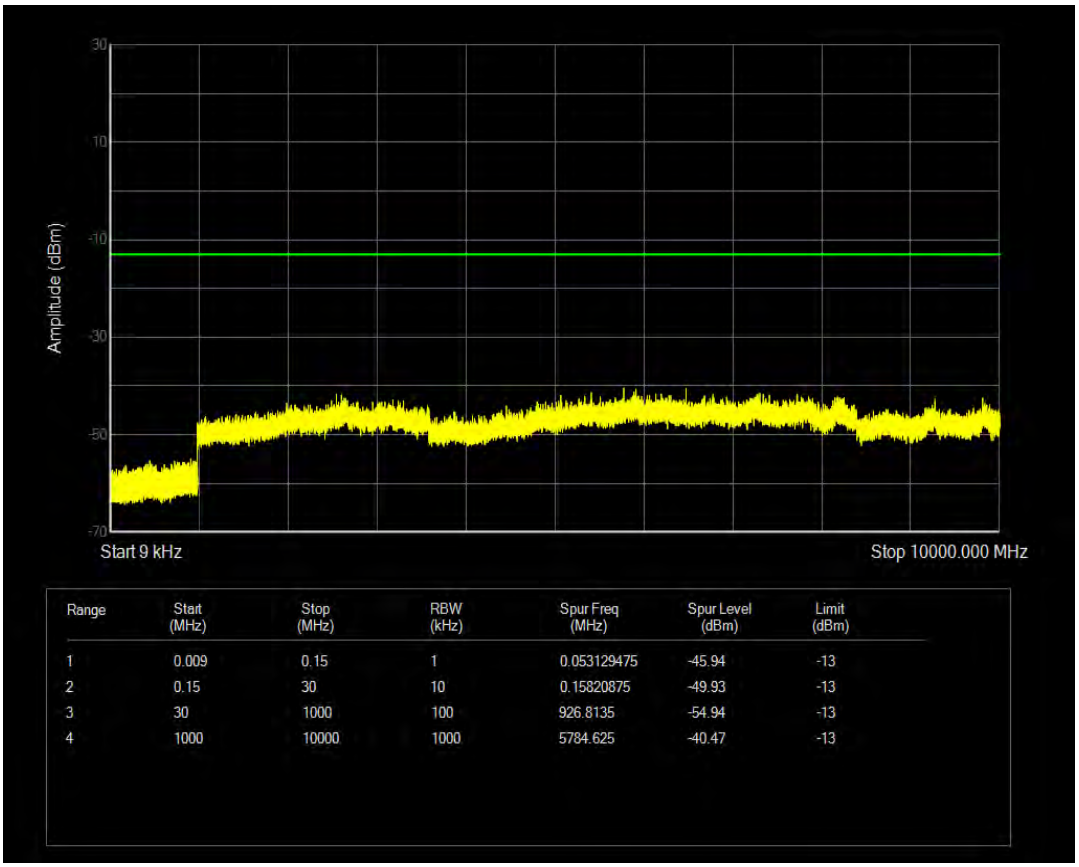
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053150625	-45.71	-13
2	0.15	30	10	0.15	-50.73	-13
3	30	1000	100	661.6155	-55.52	-13
4	1000	10000	1000	7298.425	-40.2	-13

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



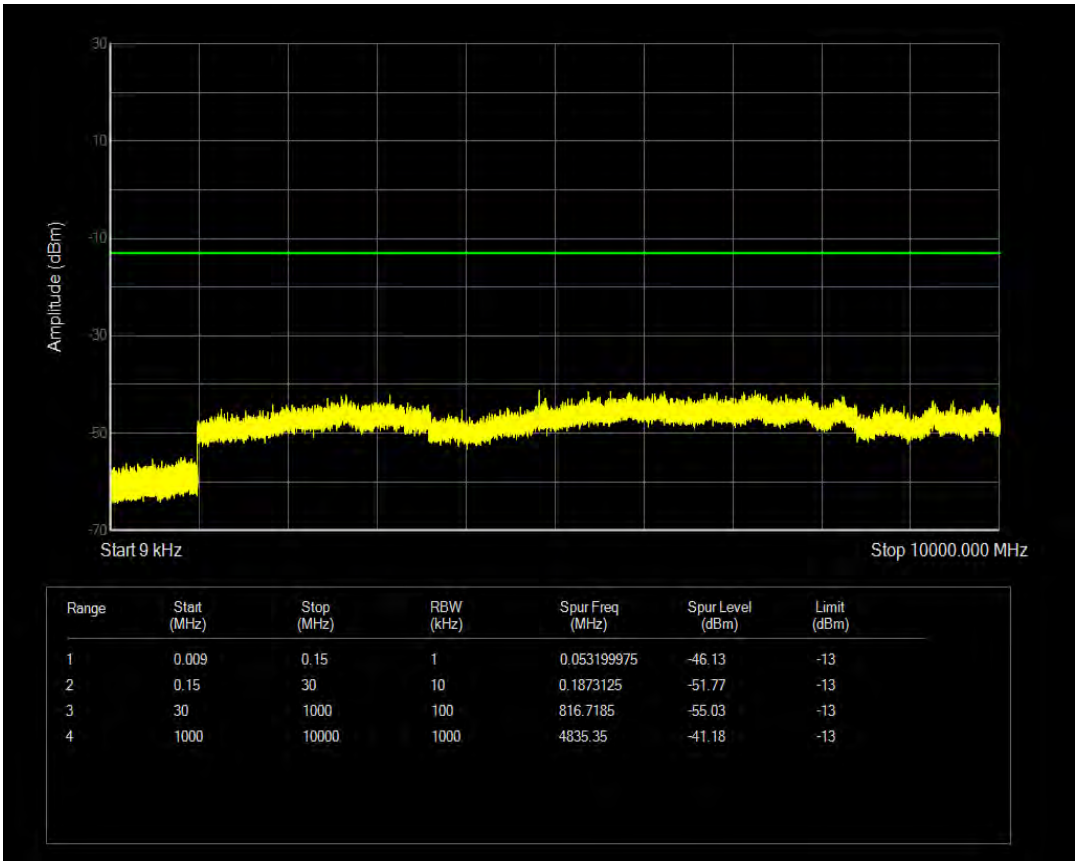
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053221125	-46.09	-13
2	0.15	30	10	0.15671625	-49.9	-13
3	30	1000	100	848.51025	-54.98	-13
4	1000	10000	1000	5815.225	-40.9	-13

Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



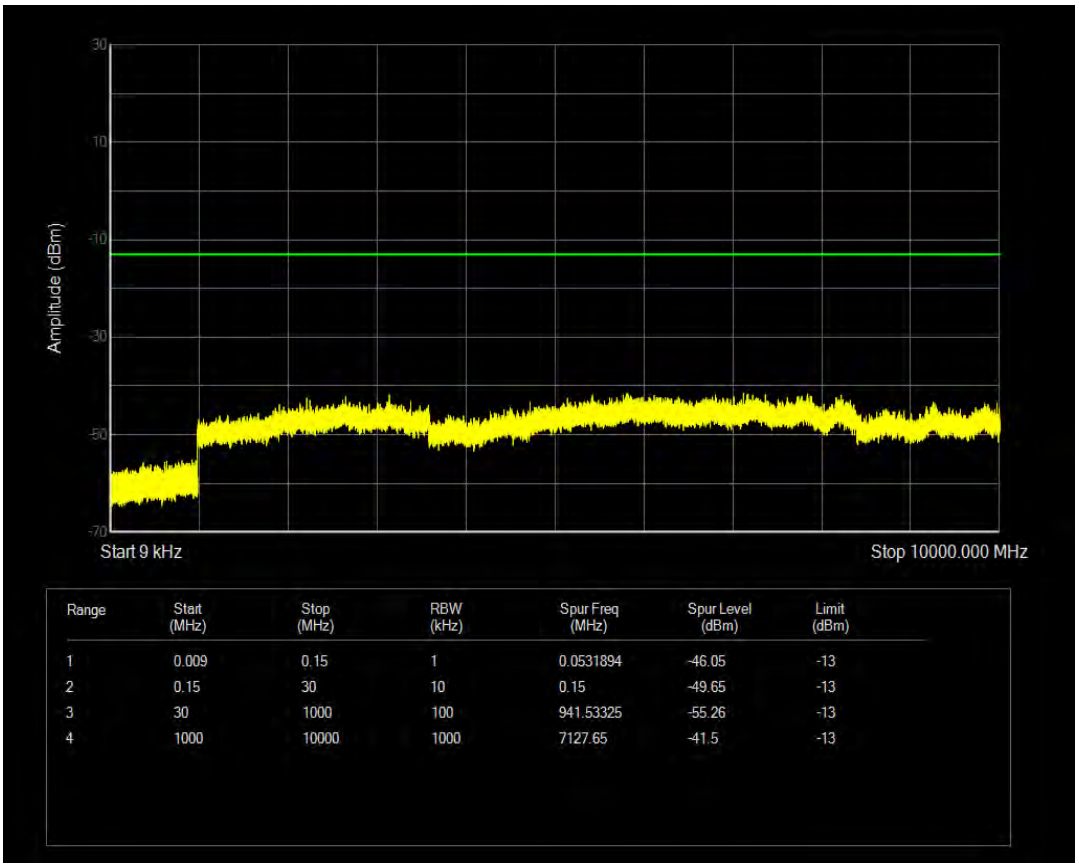
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053129475	-45.94	-13
2	0.15	30	10	0.15820875	-49.93	-13
3	30	1000	100	926.8135	-54.94	-13
4	1000	10000	1000	5784.625	-40.47	-13

Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



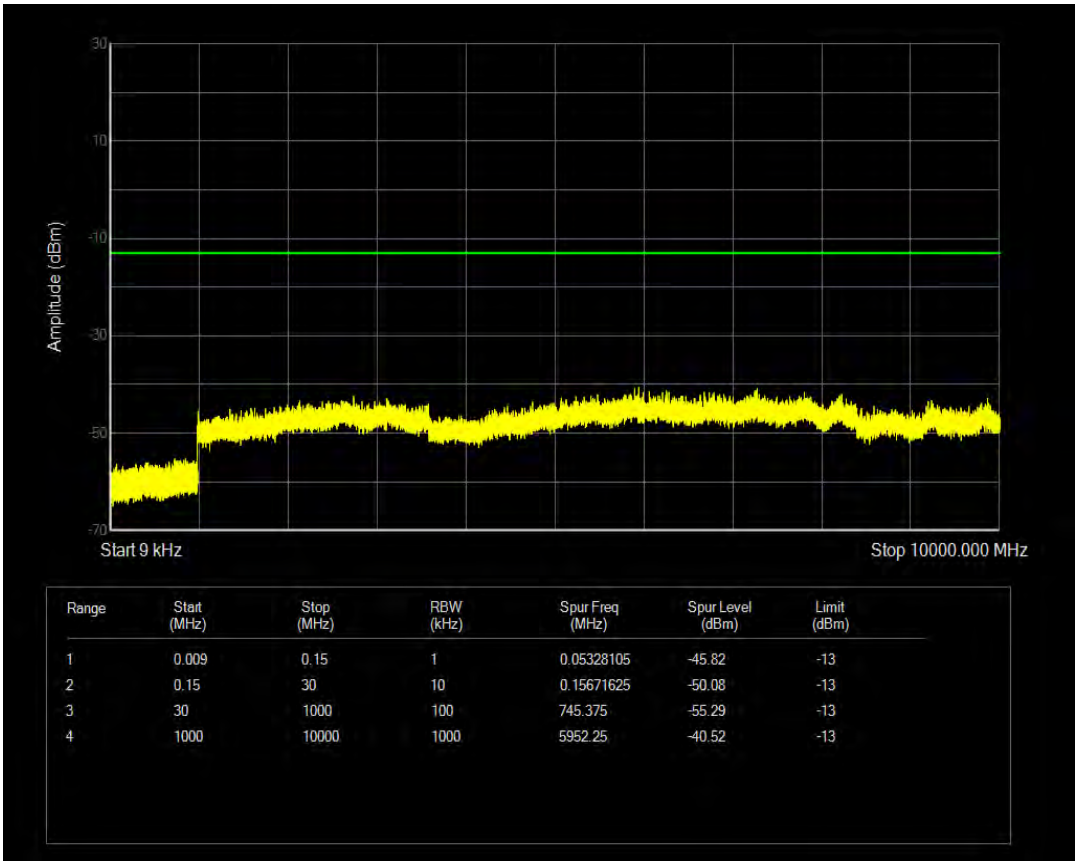
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053199975	-46.13	-13
2	0.15	30	10	0.1873125	-51.77	-13
3	30	1000	100	816.7185	-55.03	-13
4	1000	10000	1000	4835.35	-41.18	-13

Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



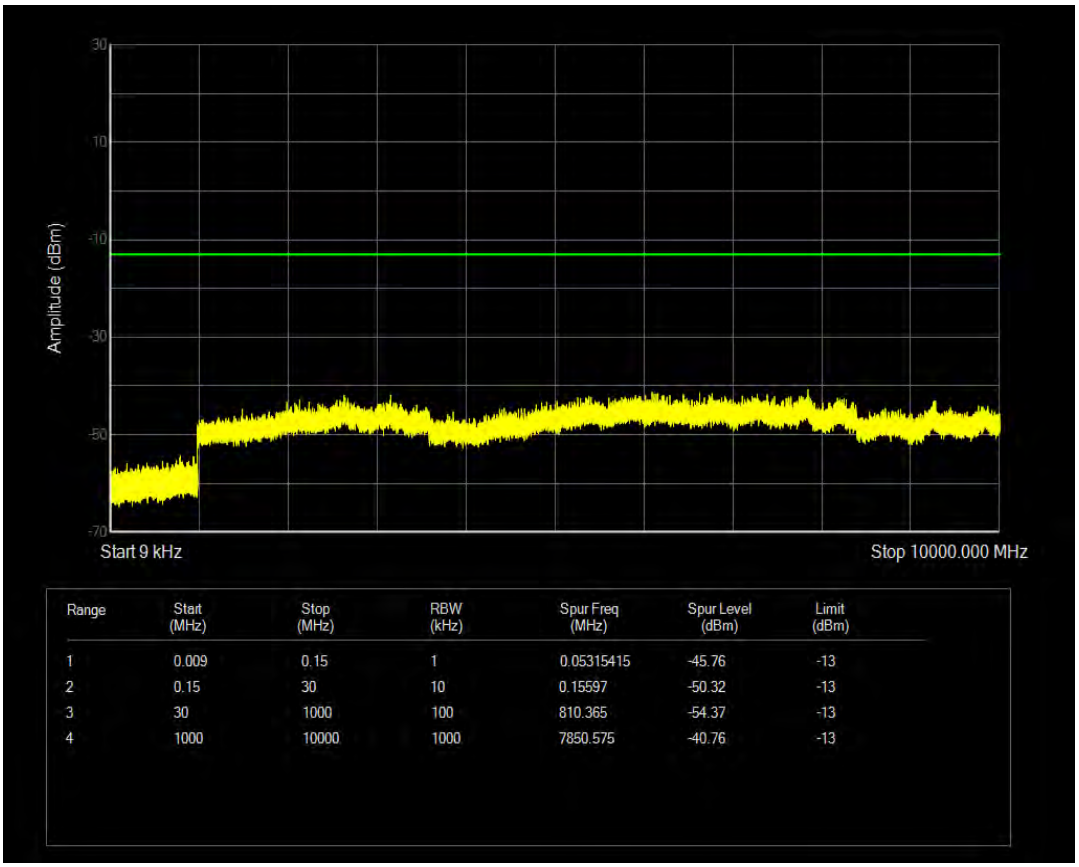
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531894	-46.05	-13
2	0.15	30	10	0.15	-49.65	-13
3	30	1000	100	941.53325	-55.26	-13
4	1000	10000	1000	7127.65	-41.5	-13

Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



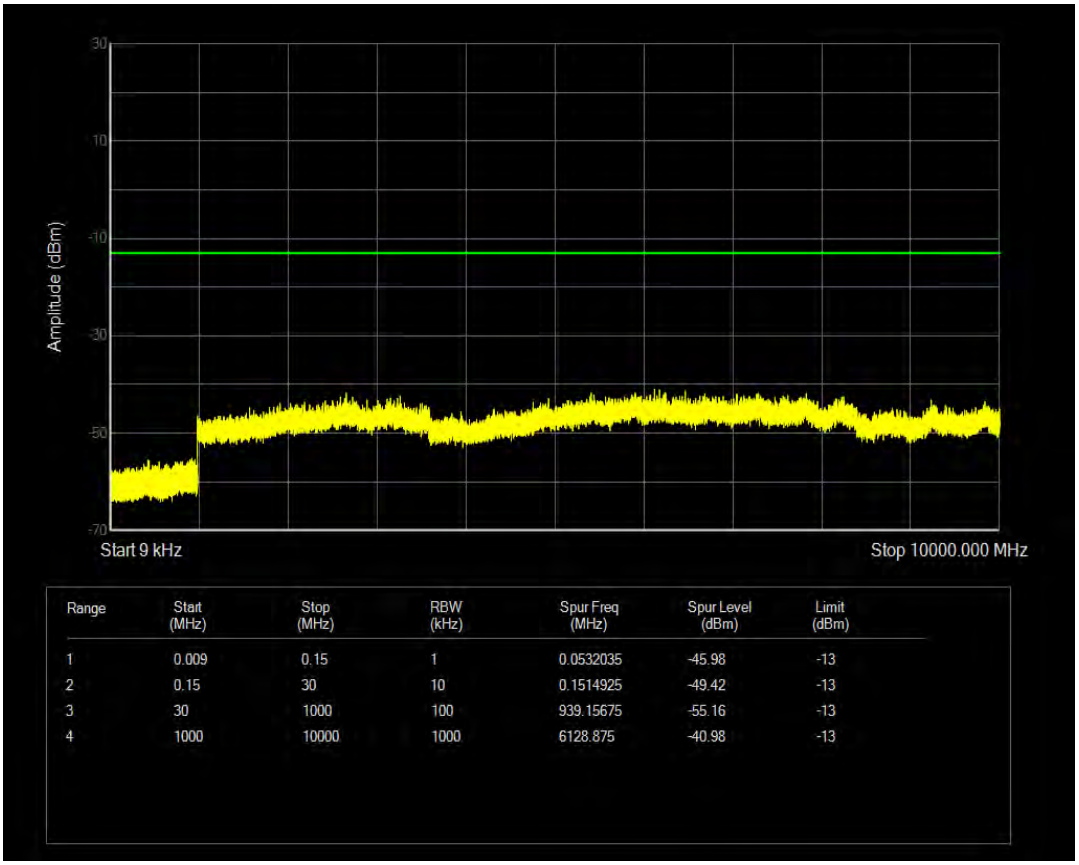
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05328105	-45.82	-13
2	0.15	30	10	0.15671625	-50.08	-13
3	30	1000	100	745.375	-55.29	-13
4	1000	10000	1000	5952.25	-40.52	-13

Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



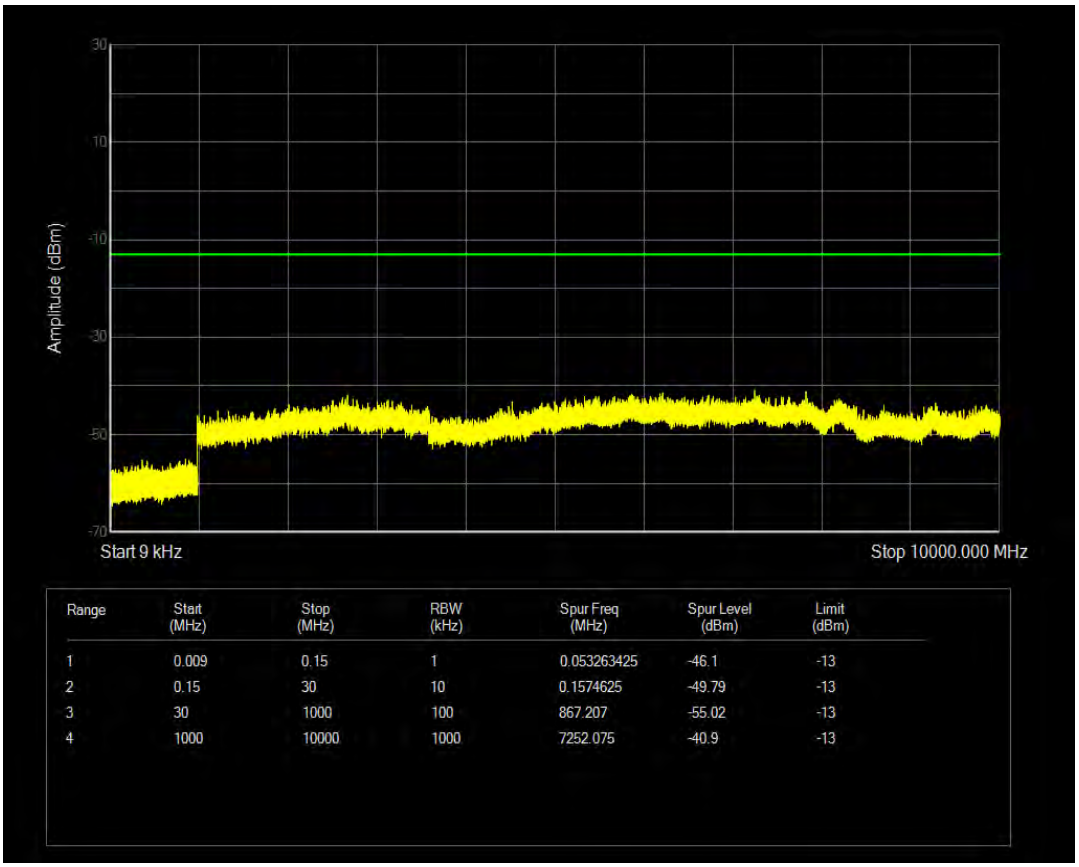
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05315415	-45.76	-13
2	0.15	30	10	0.15597	-50.32	-13
3	30	1000	100	810.365	-54.37	-13
4	1000	10000	1000	7850.575	-40.76	-13

Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



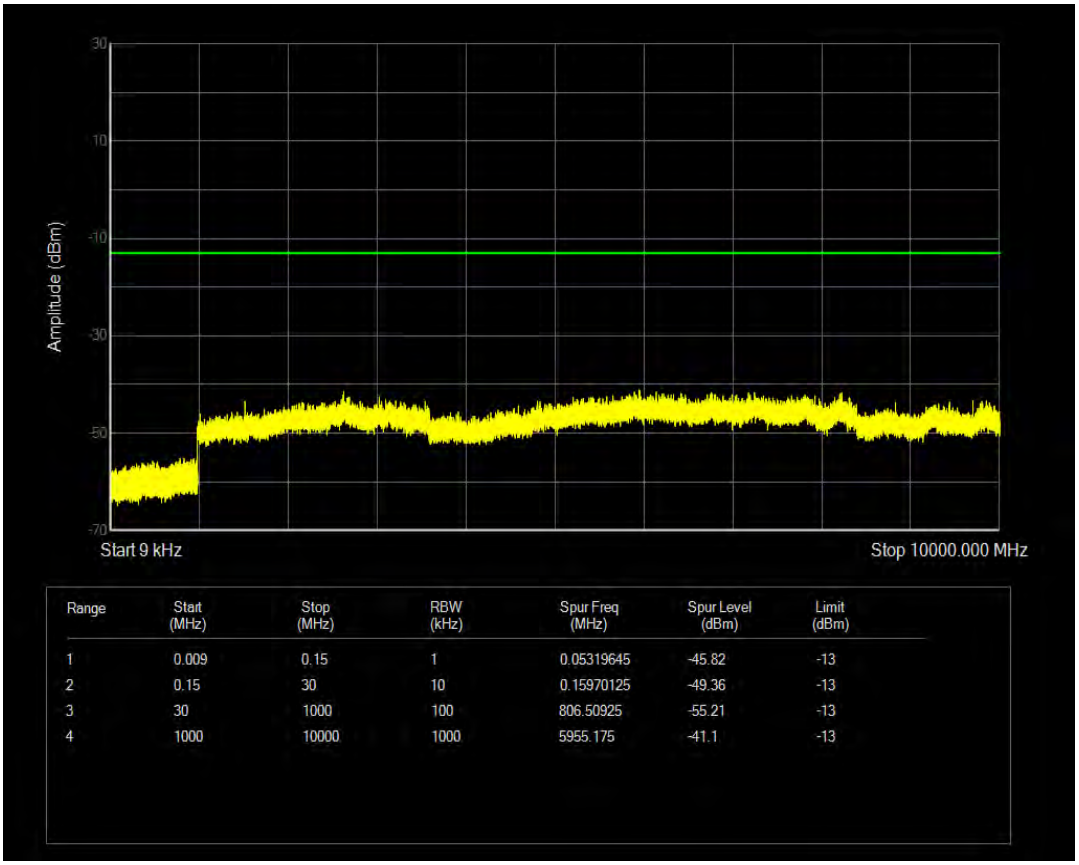
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0532035	-45.98	-13
2	0.15	30	10	0.1514925	-49.42	-13
3	30	1000	100	939.15675	-55.16	-13
4	1000	10000	1000	6128.875	-40.98	-13

Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



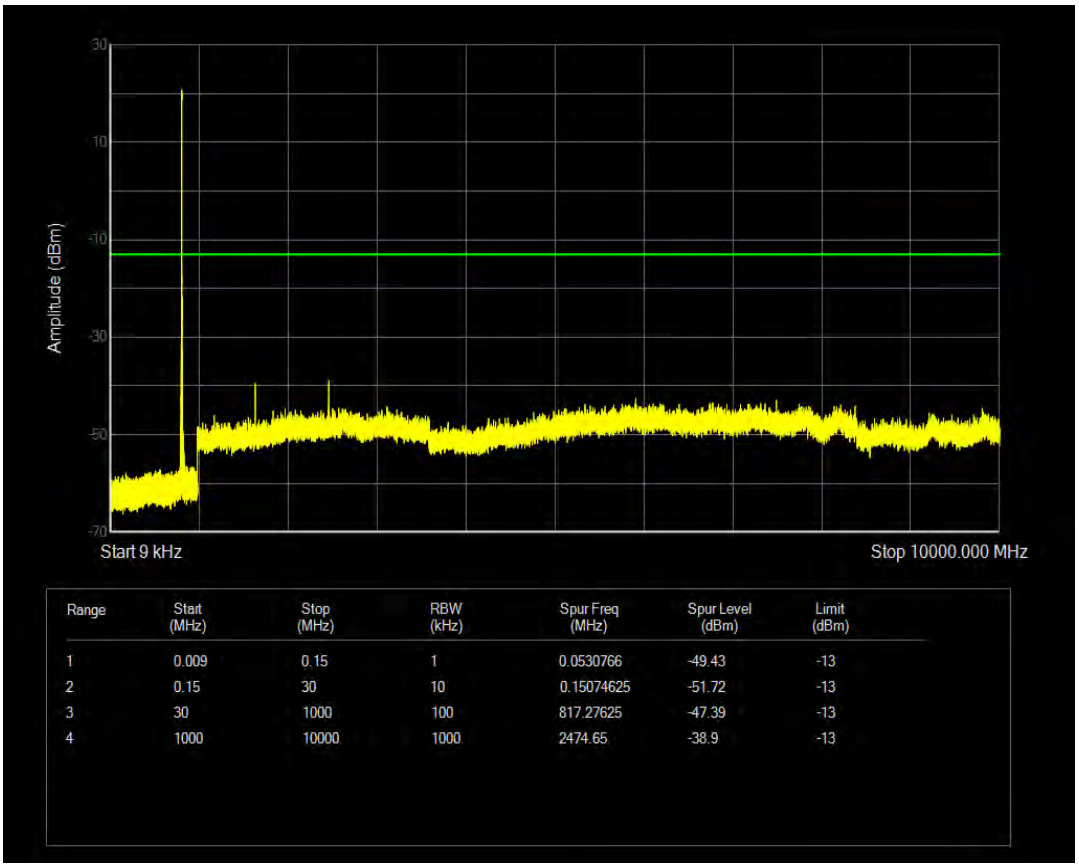
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053263425	-46.1	-13
2	0.15	30	10	0.1574625	-49.79	-13
3	30	1000	100	867.207	-55.02	-13
4	1000	10000	1000	7252.075	-40.9	-13

Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



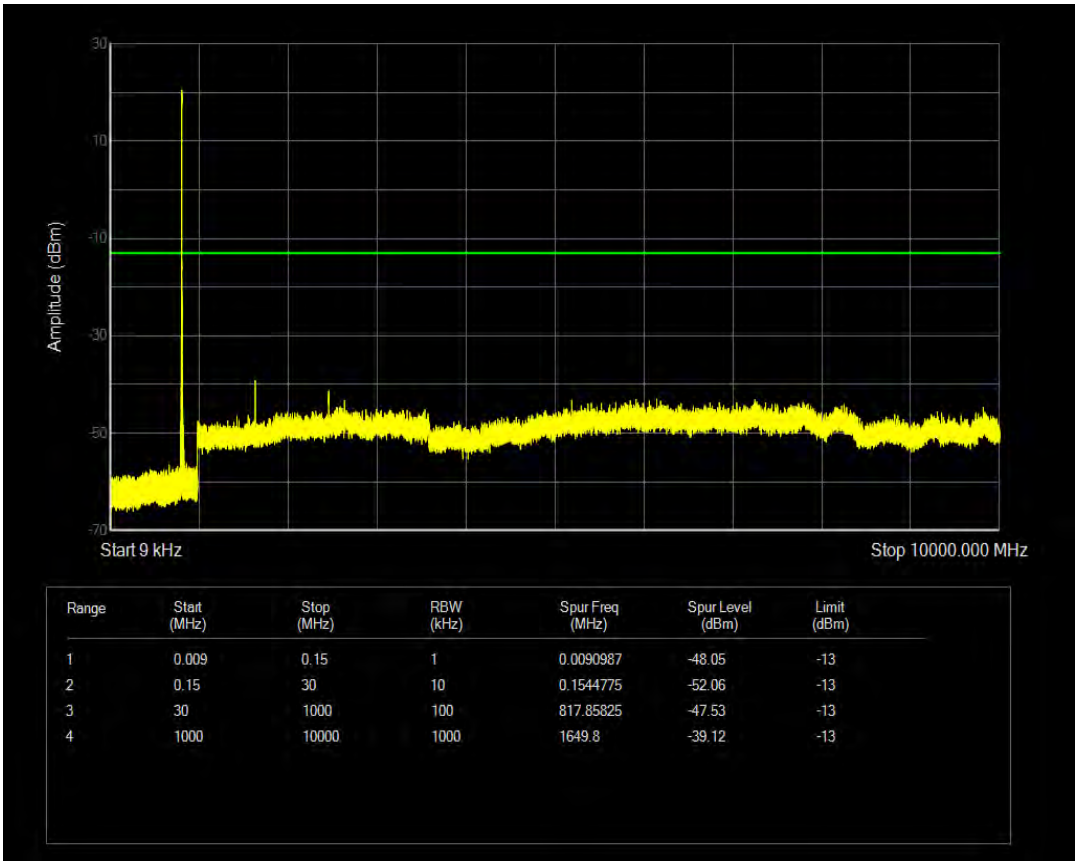
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05319645	-45.82	-13
2	0.15	30	10	0.15970125	-49.36	-13
3	30	1000	100	806.50925	-55.21	-13
4	1000	10000	1000	5955.175	-41.1	-13

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



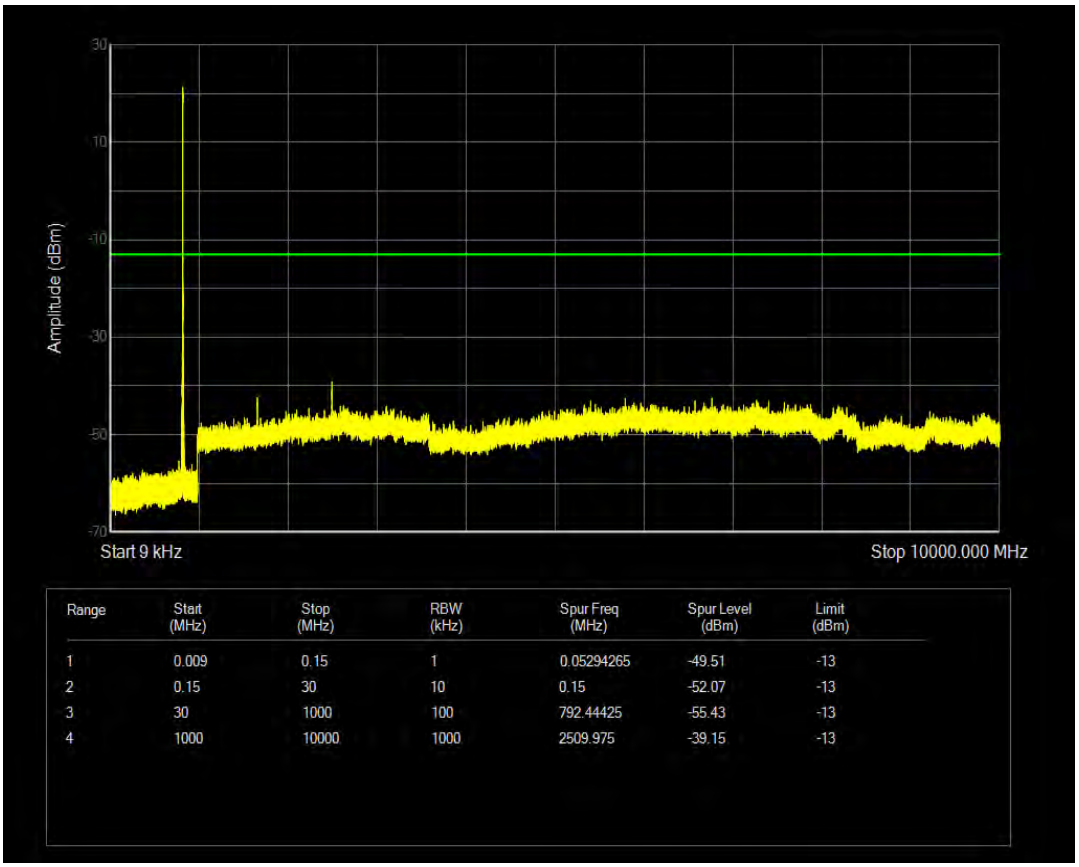
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530766	-49.43	-13
2	0.15	30	10	0.15074625	-51.72	-13
3	30	1000	100	817.27625	-47.39	-13
4	1000	10000	1000	2474.65	-38.9	-13

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



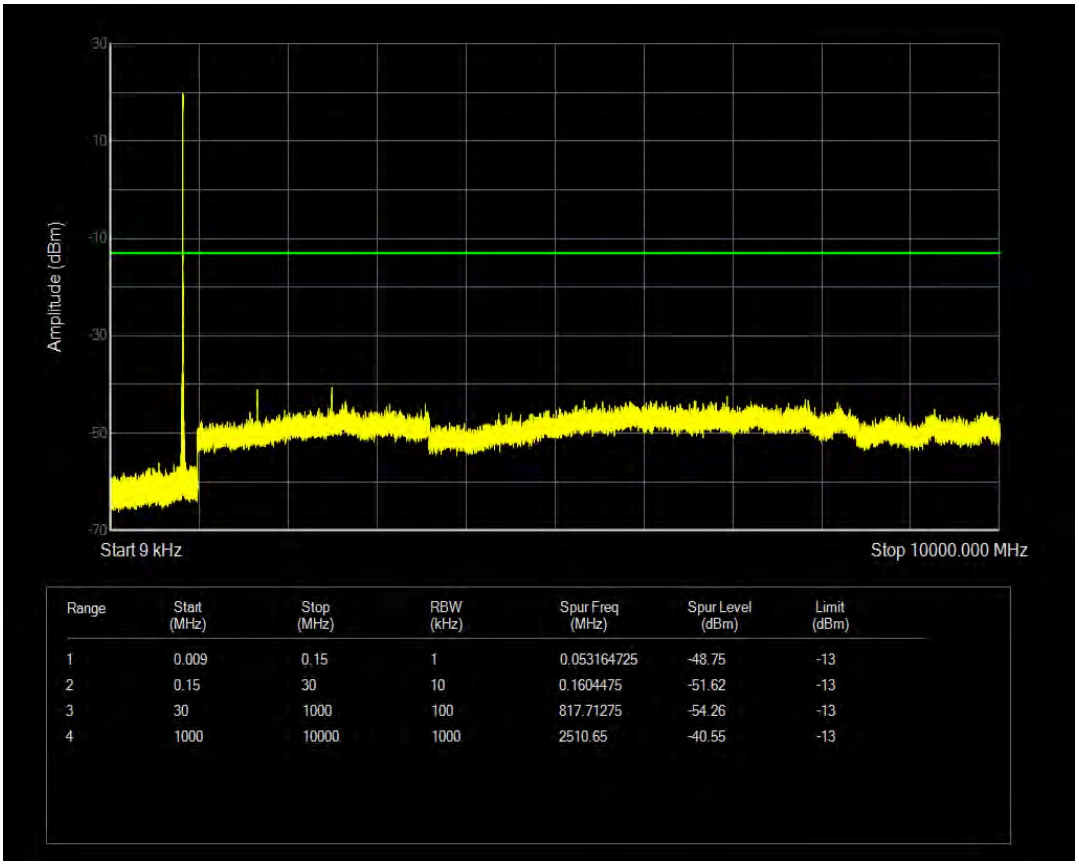
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090987	-48.05	-13
2	0.15	30	10	0.1544775	-52.06	-13
3	30	1000	100	817.85825	-47.53	-13
4	1000	10000	1000	1649.8	-39.12	-13

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



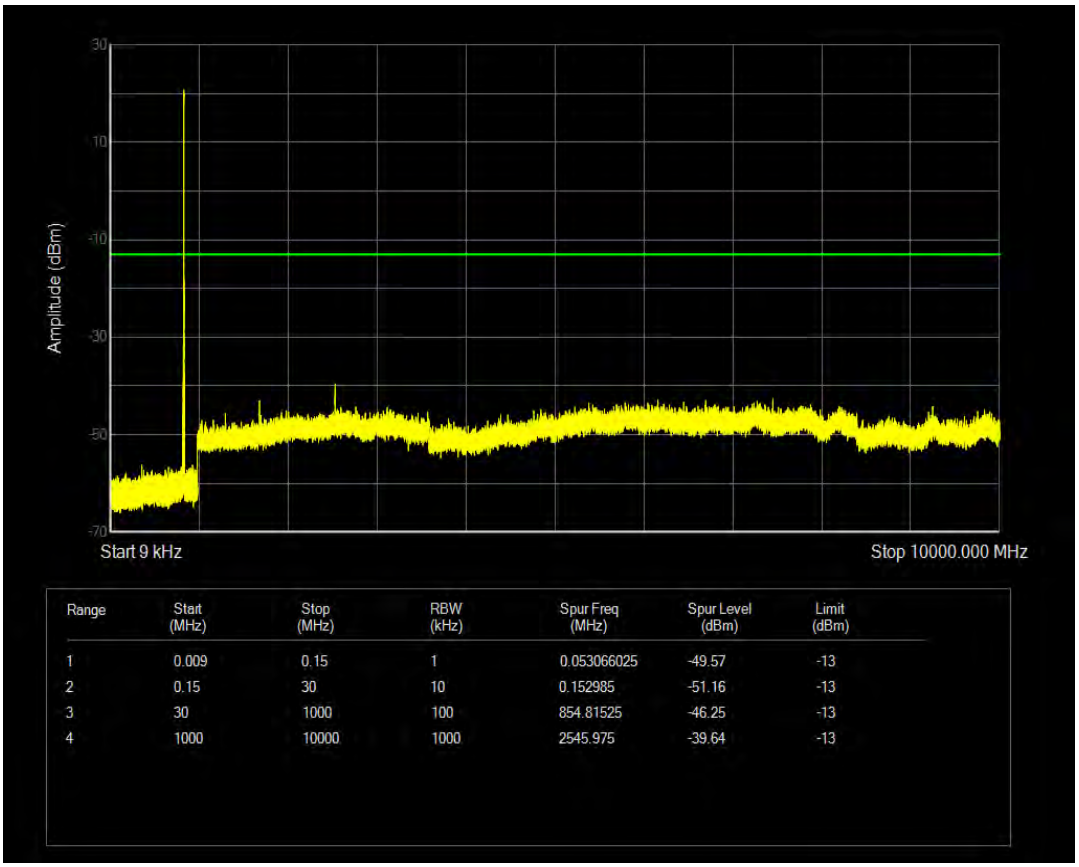
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05294265	-49.51	-13
2	0.15	30	10	0.15	-52.07	-13
3	30	1000	100	792.44425	-55.43	-13
4	1000	10000	1000	2509.975	-39.15	-13

Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



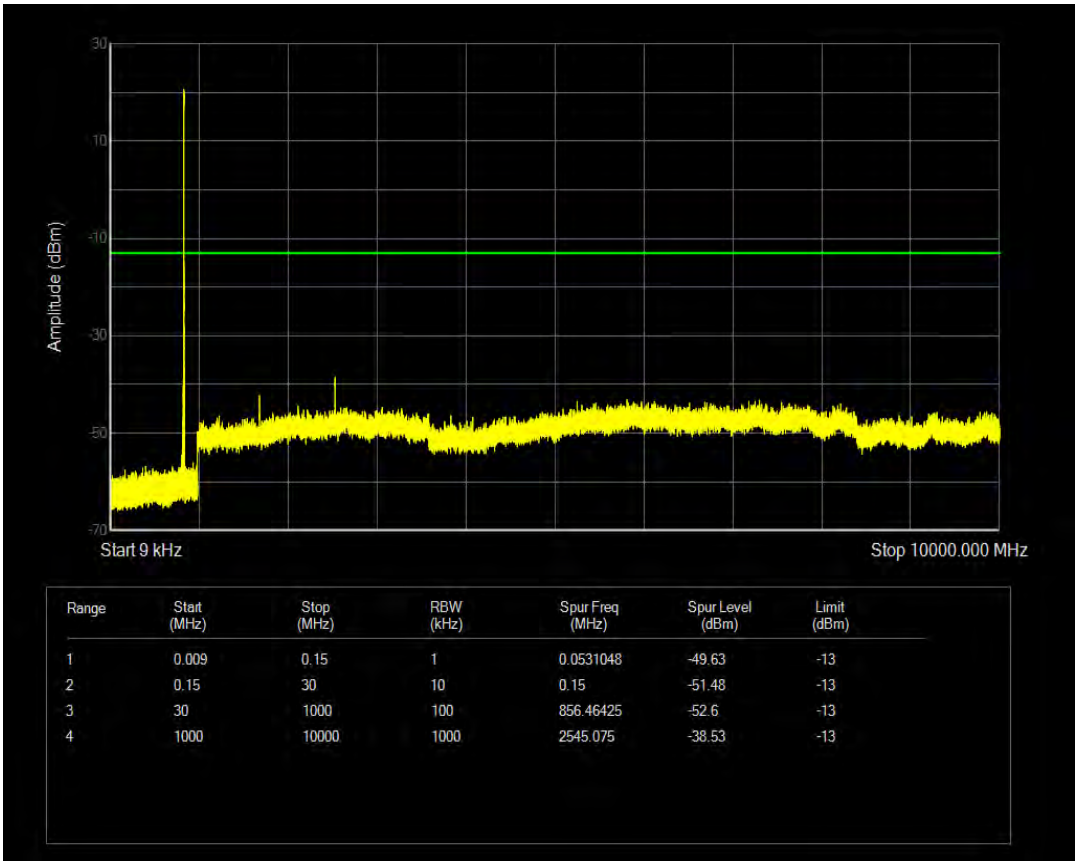
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053164725	-48.75	-13
2	0.15	30	10	0.1604475	-51.62	-13
3	30	1000	100	817.71275	-54.26	-13
4	1000	10000	1000	2510.65	-40.55	-13

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



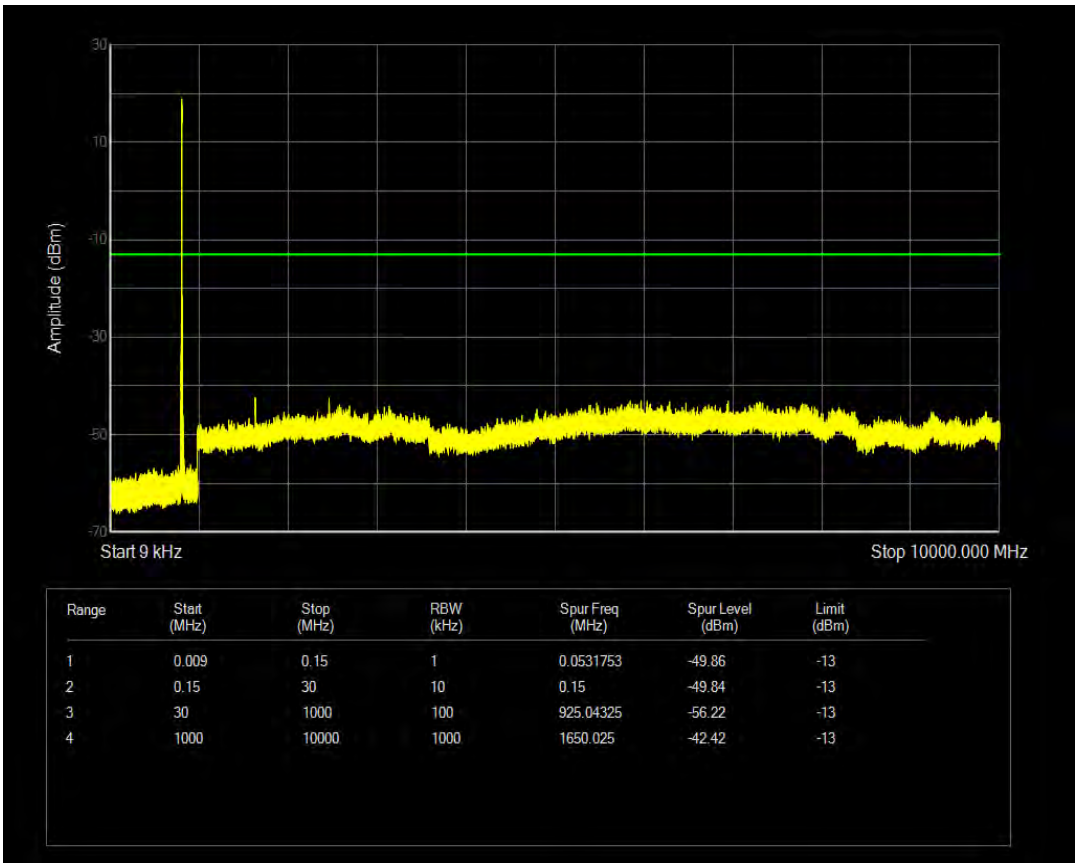
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053066025	-49.57	-13
2	0.15	30	10	0.152985	-51.16	-13
3	30	1000	100	854.81525	-46.25	-13
4	1000	10000	1000	2545.975	-39.64	-13

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



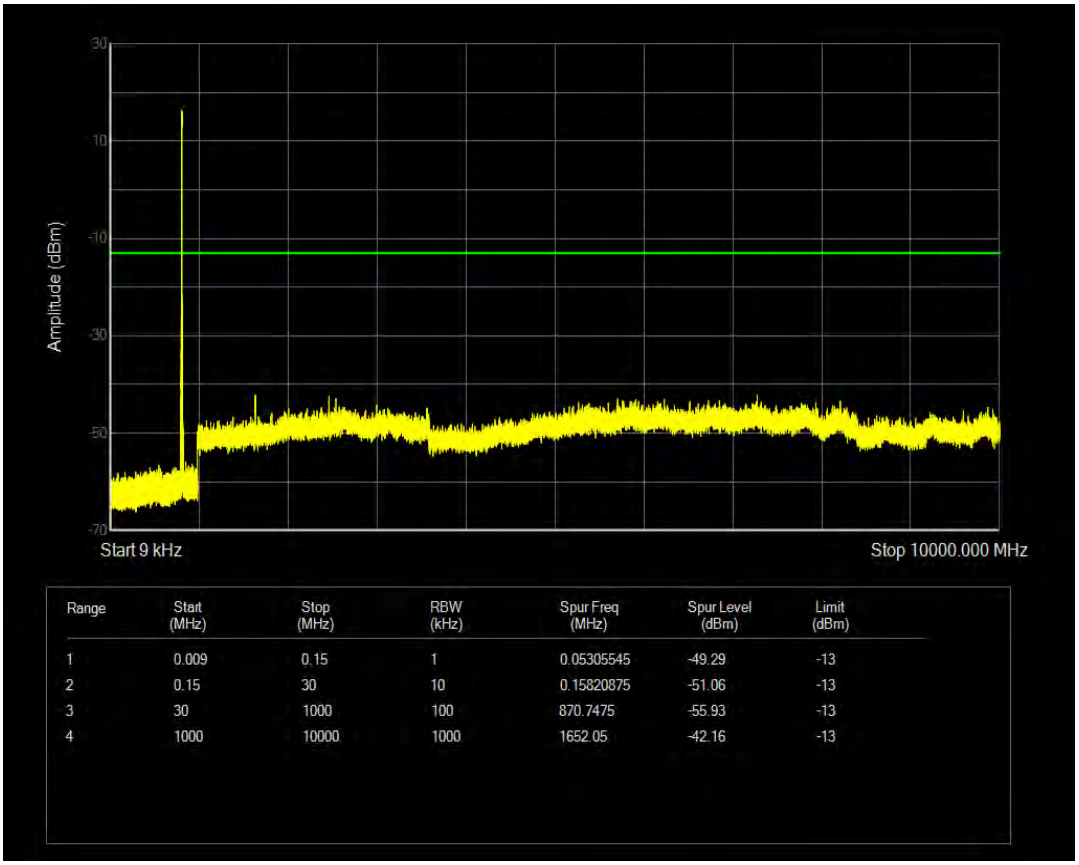
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531048	-49.63	-13
2	0.15	30	10	0.15	-51.48	-13
3	30	1000	100	856.46425	-52.6	-13
4	1000	10000	1000	2545.075	-38.53	-13

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



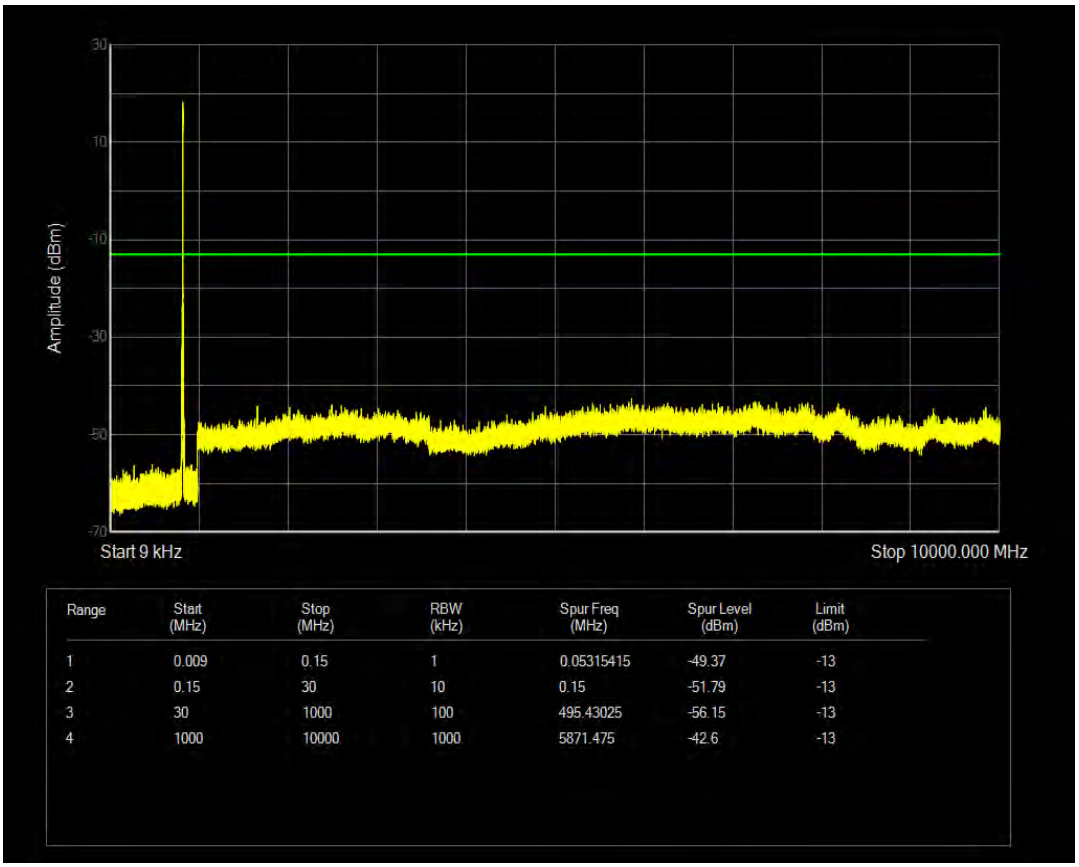
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531753	-49.86	-13
2	0.15	30	10	0.15	-49.84	-13
3	30	1000	100	925.04325	-56.22	-13
4	1000	10000	1000	1650.025	-42.42	-13

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



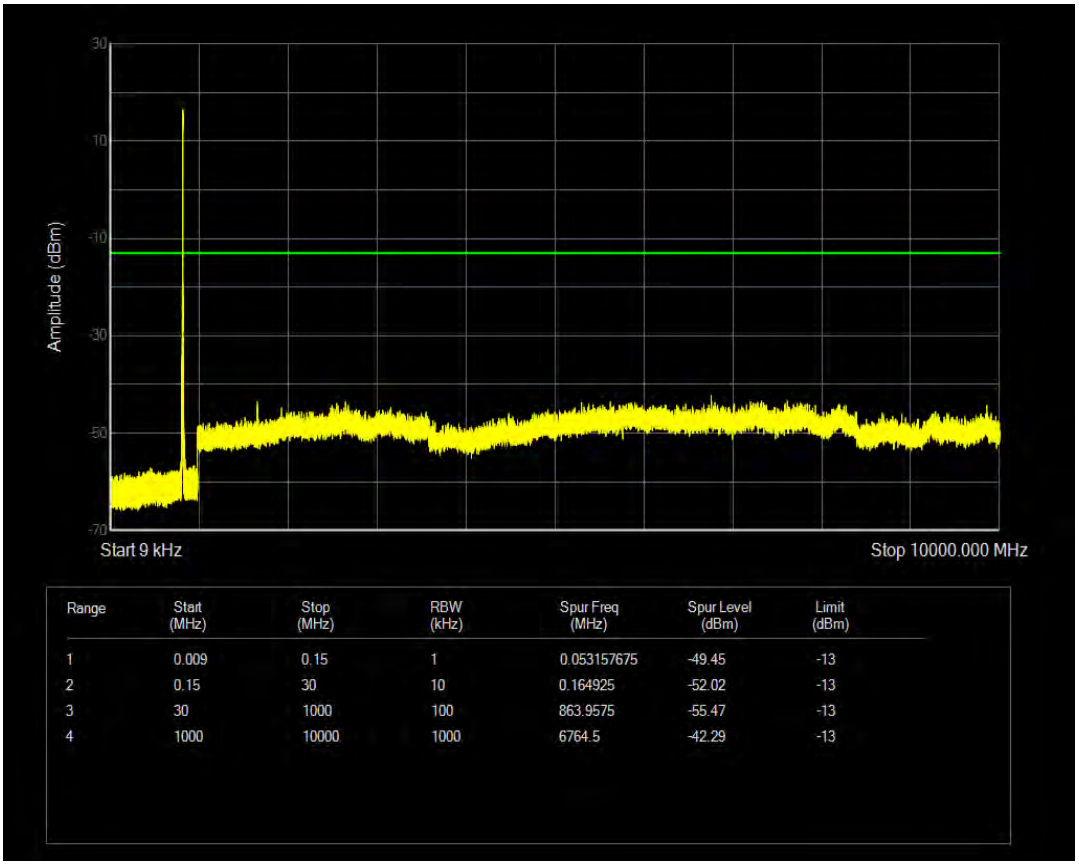
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05305545	-49.29	-13
2	0.15	30	10	0.15820875	-51.06	-13
3	30	1000	100	870.7475	-55.93	-13
4	1000	10000	1000	1652.05	-42.16	-13

Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



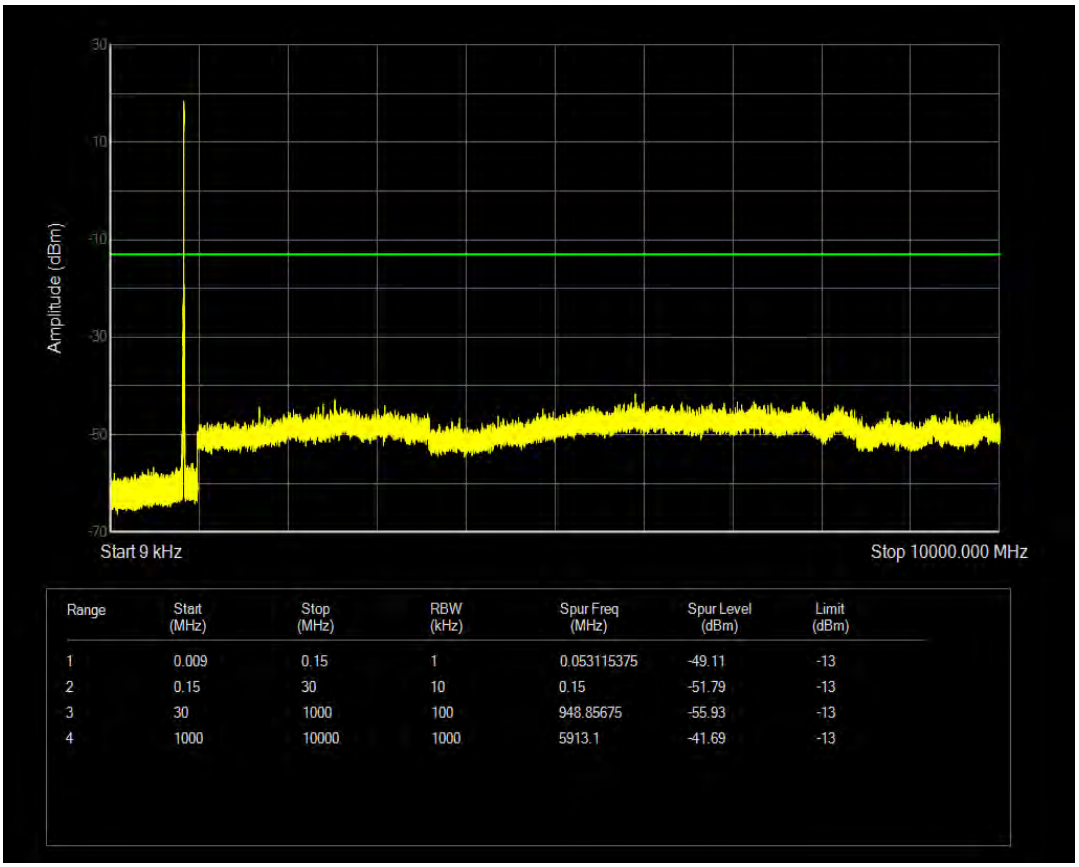
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05315415	-49.37	-13
2	0.15	30	10	0.15	-51.79	-13
3	30	1000	100	495.43025	-56.15	-13
4	1000	10000	1000	5871.475	-42.6	-13

Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



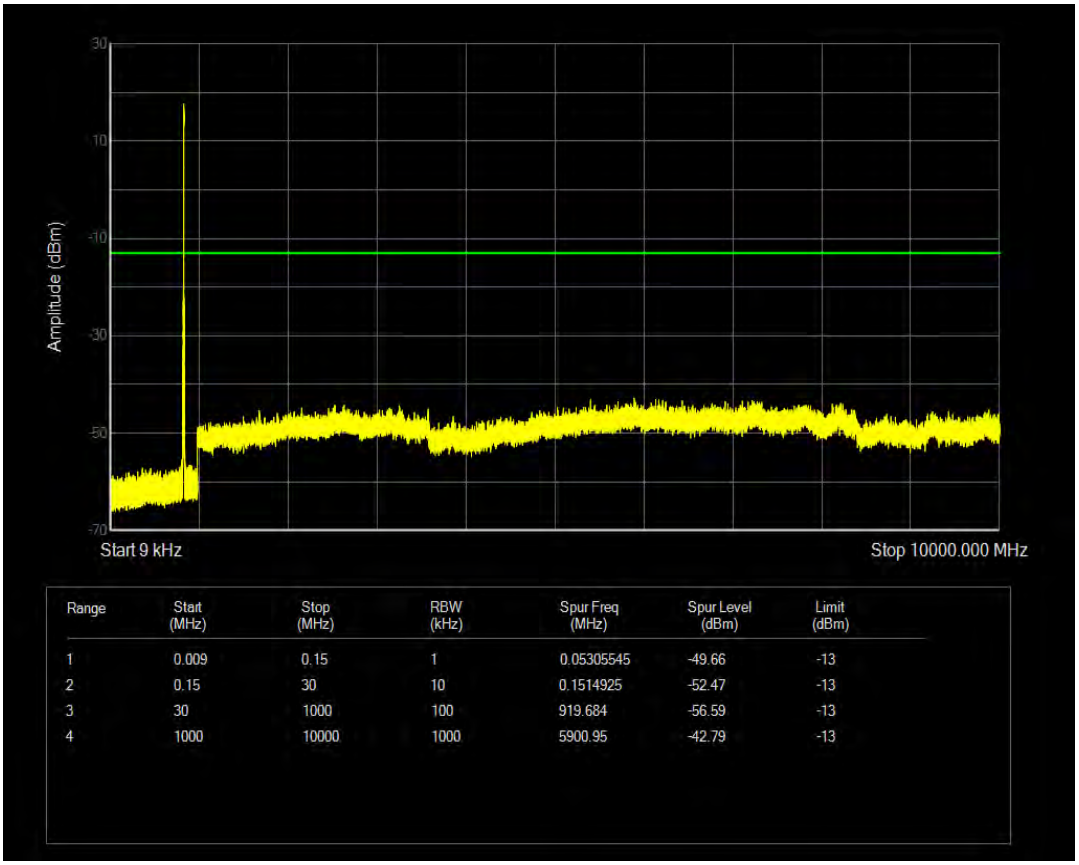
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053157675	-49.45	-13
2	0.15	30	10	0.164925	-52.02	-13
3	30	1000	100	863.9575	-55.47	-13
4	1000	10000	1000	6764.5	-42.29	-13

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



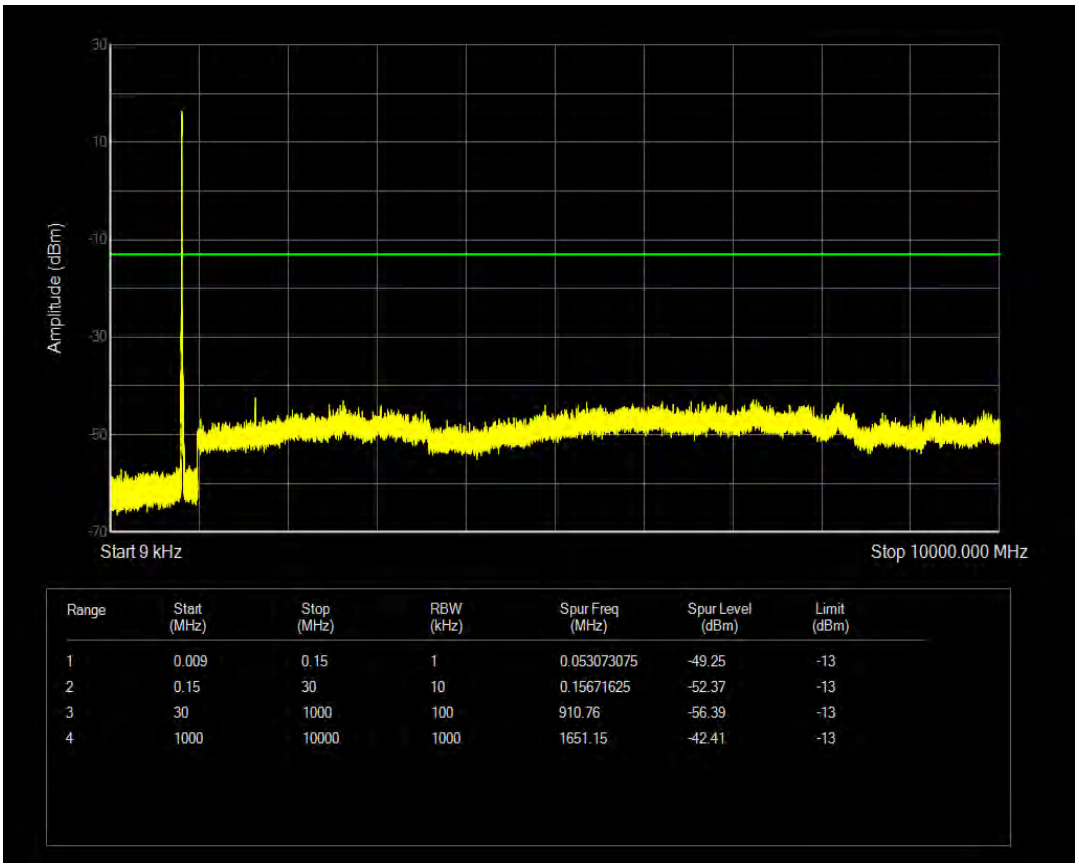
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053115375	-49.11	-13
2	0.15	30	10	0.15	-51.79	-13
3	30	1000	100	948.85675	-55.93	-13
4	1000	10000	1000	5913.1	-41.69	-13

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



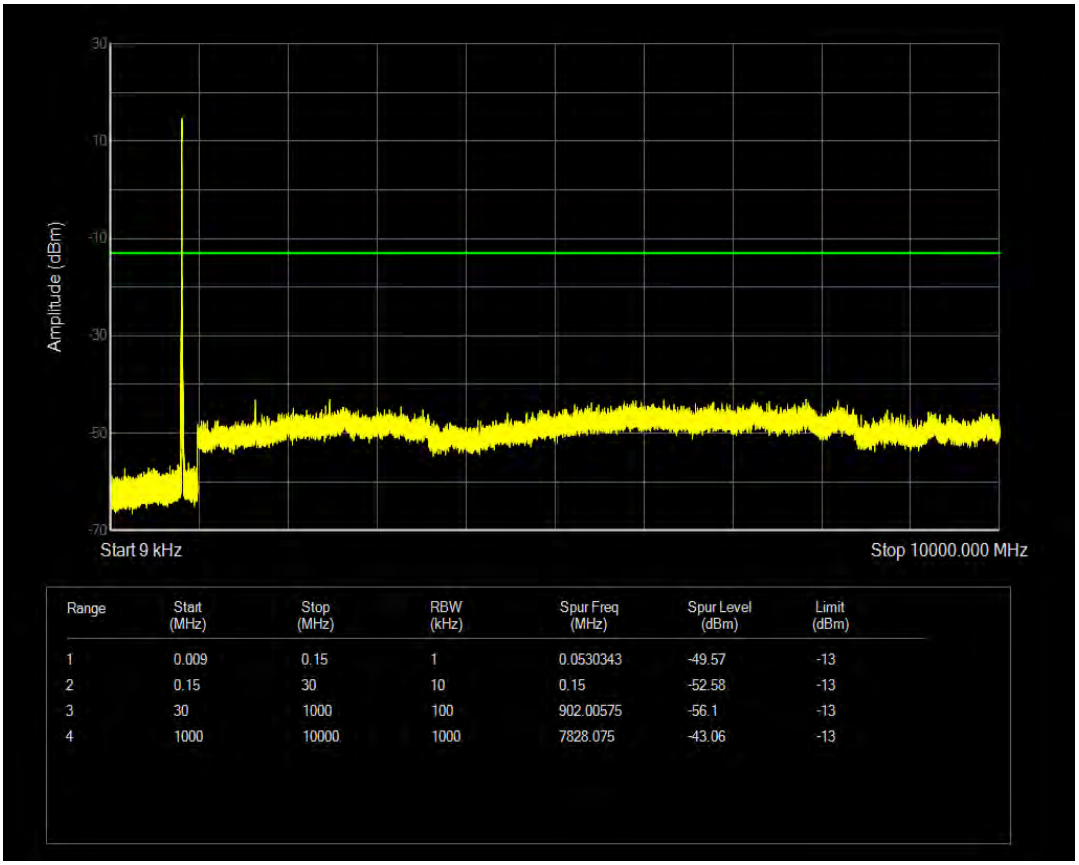
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05305545	-49.66	-13
2	0.15	30	10	0.1514925	-52.47	-13
3	30	1000	100	919.684	-56.59	-13
4	1000	10000	1000	5900.95	-42.79	-13

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



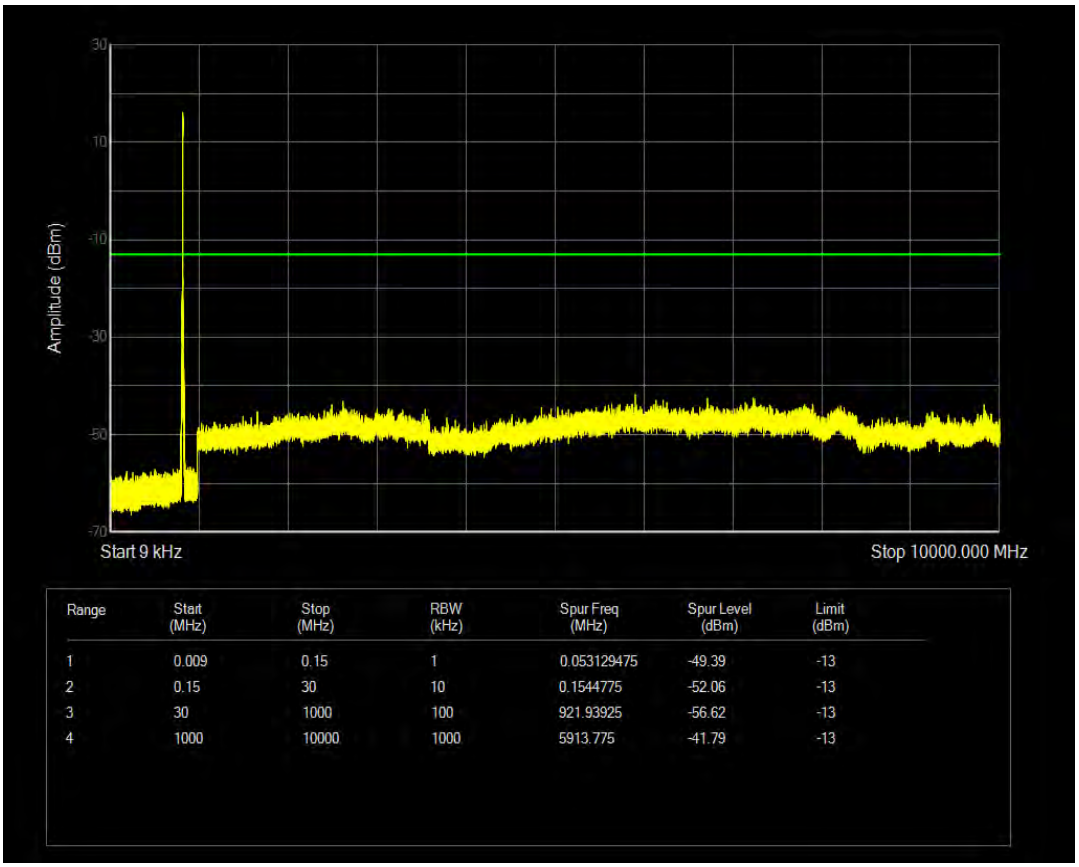
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053073075	-49.25	-13
2	0.15	30	10	0.15671625	-52.37	-13
3	30	1000	100	910.76	-56.39	-13
4	1000	10000	1000	1651.15	-42.41	-13

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



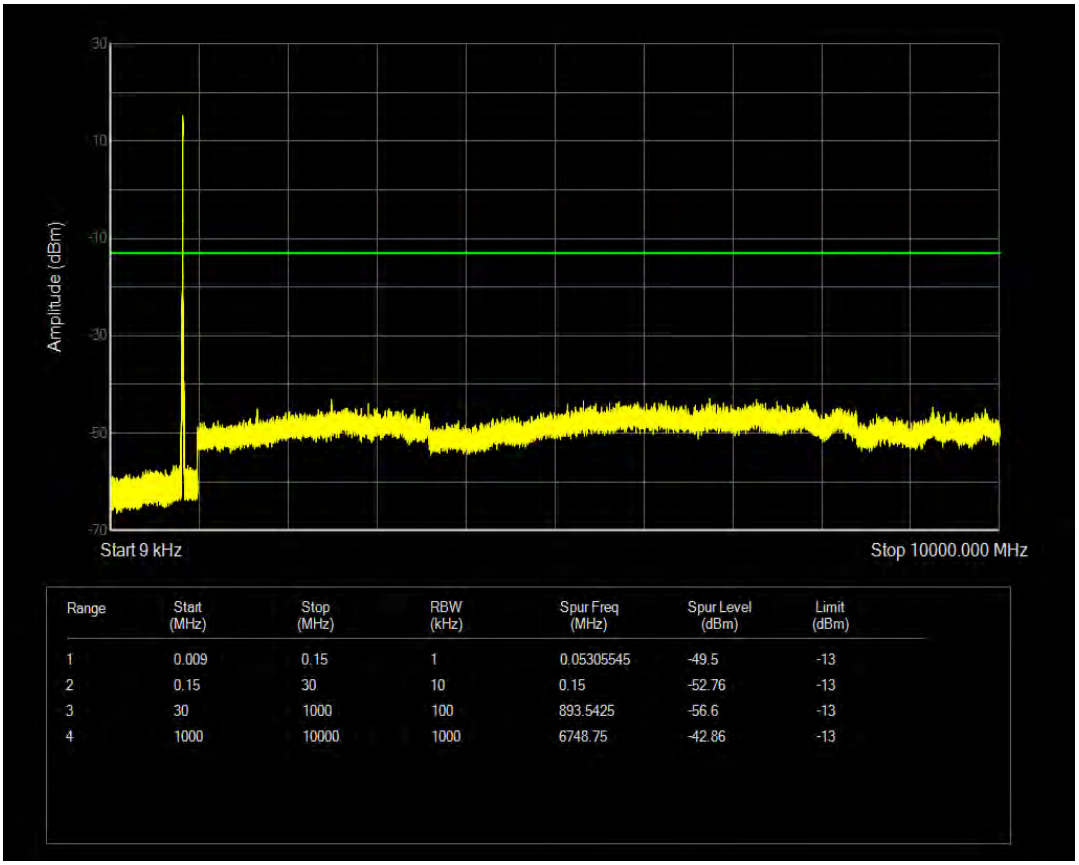
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530343	-49.57	-13
2	0.15	30	10	0.15	-52.58	-13
3	30	1000	100	902.00575	-56.1	-13
4	1000	10000	1000	7828.075	-43.06	-13

Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



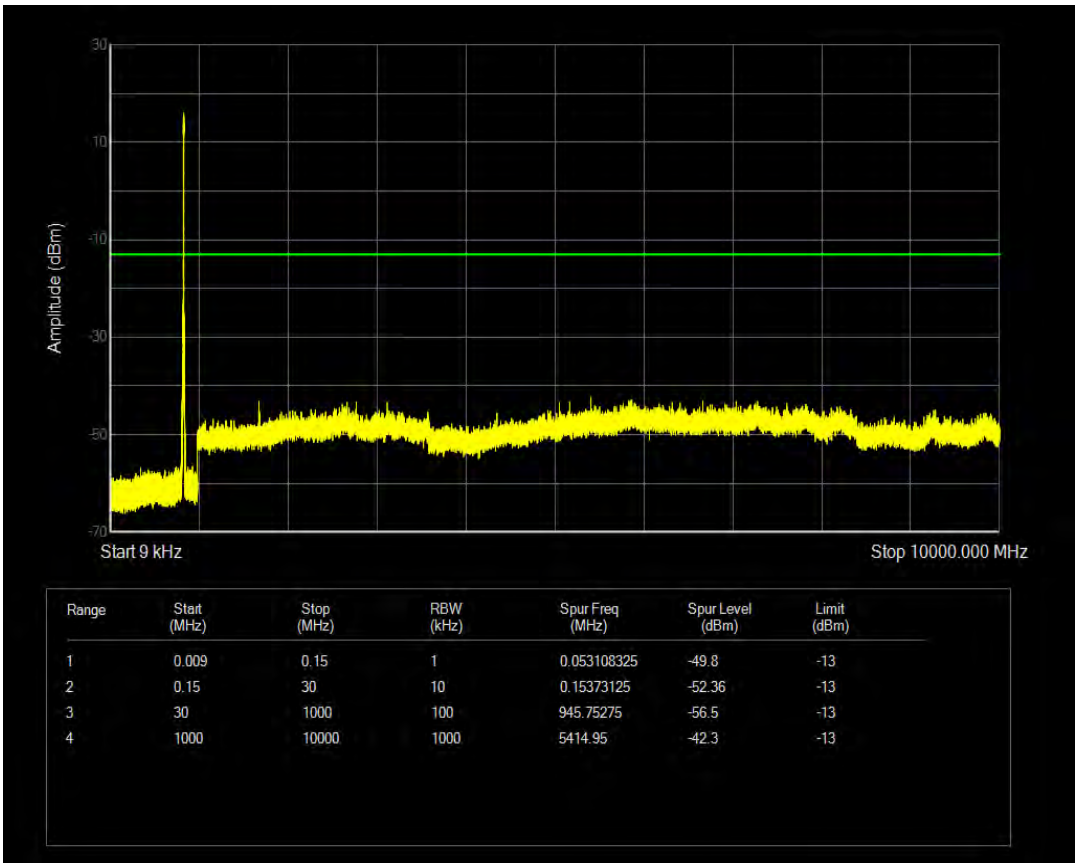
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053129475	-49.39	-13
2	0.15	30	10	0.1544775	-52.06	-13
3	30	1000	100	921.93925	-56.62	-13
4	1000	10000	1000	5913.775	-41.79	-13

Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



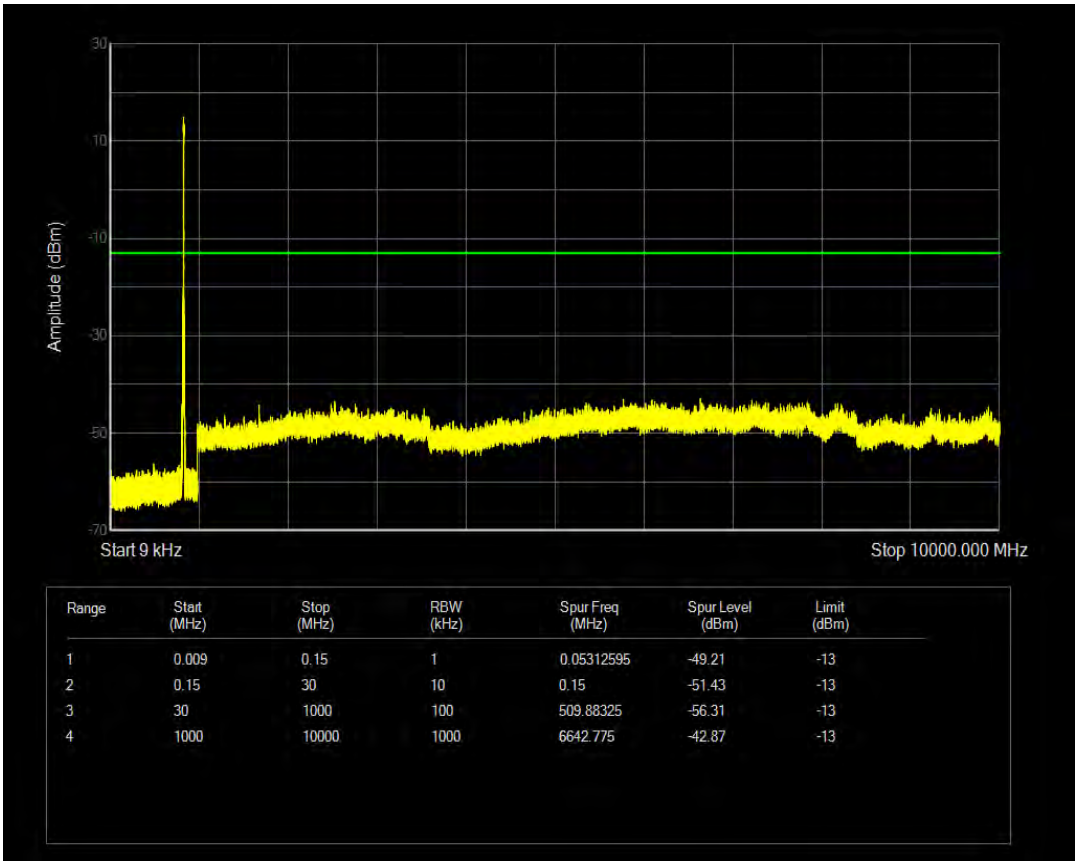
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05305545	-49.5	-13
2	0.15	30	10	0.15	-52.76	-13
3	30	1000	100	893.5425	-56.6	-13
4	1000	10000	1000	6748.75	-42.86	-13

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



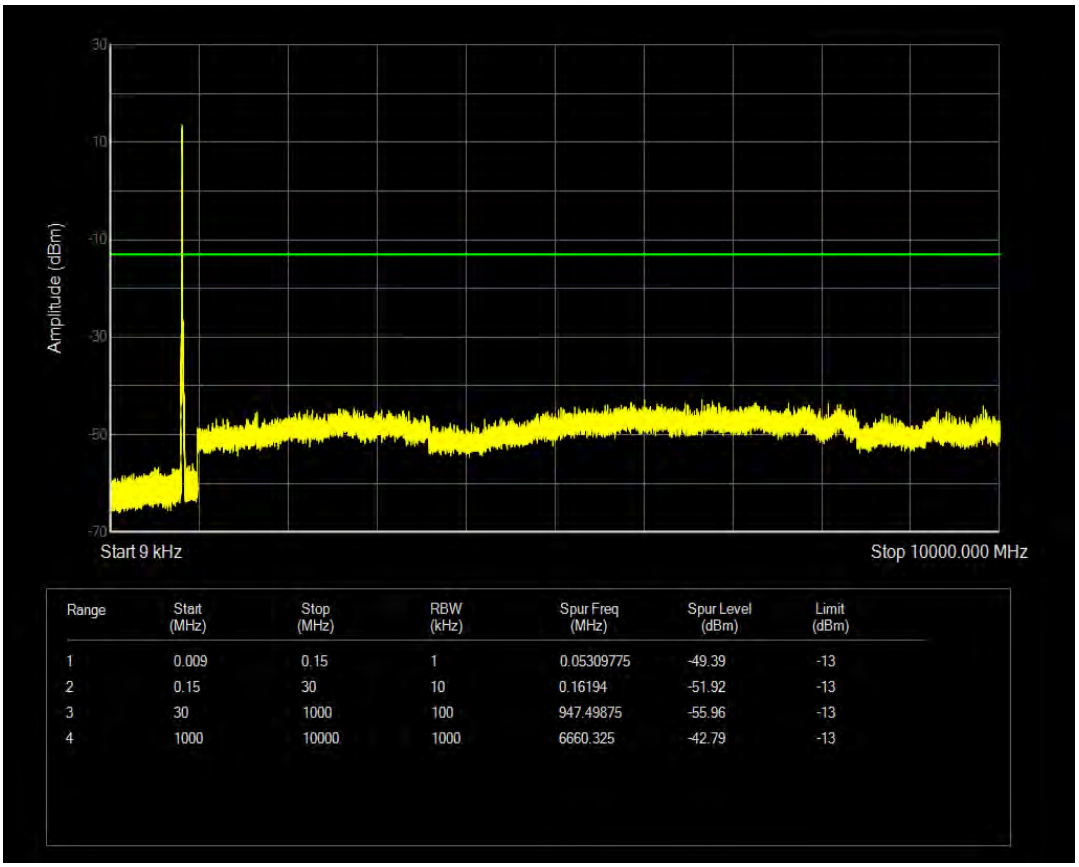
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053108325	-49.8	-13
2	0.15	30	10	0.15373125	-52.36	-13
3	30	1000	100	945.75275	-56.5	-13
4	1000	10000	1000	5414.95	-42.3	-13

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



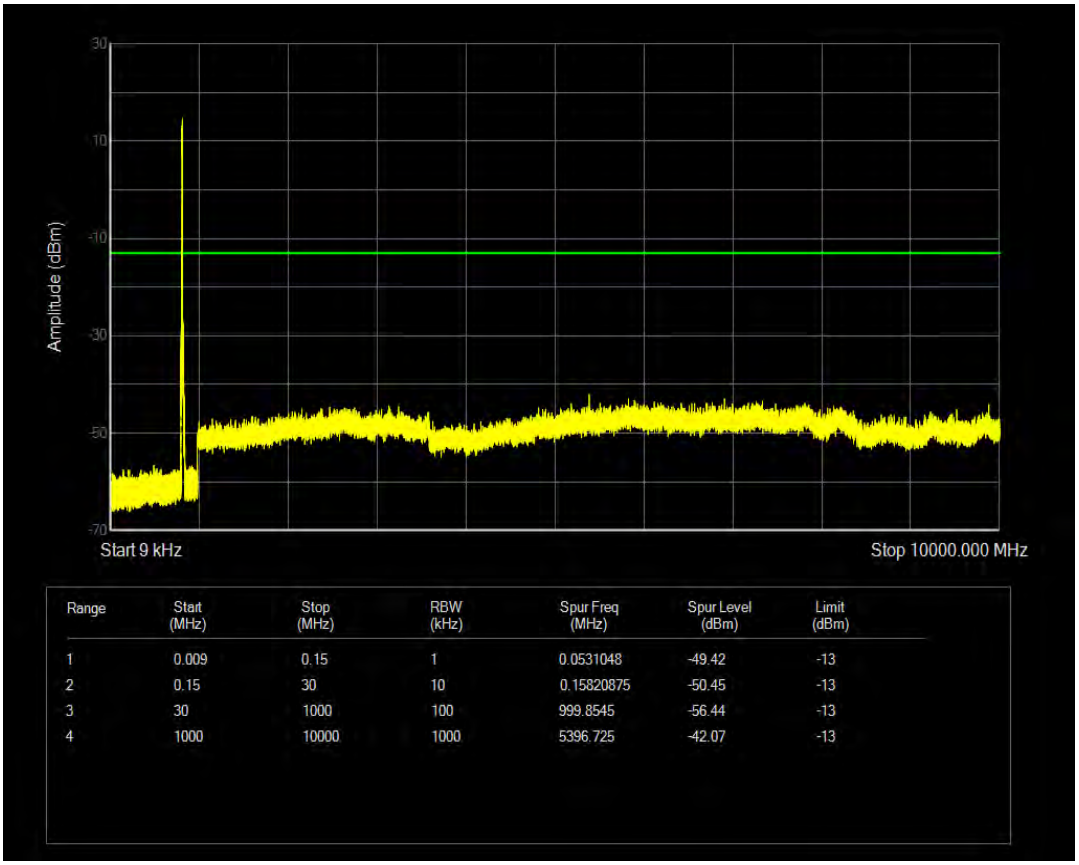
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05312595	-49.21	-13
2	0.15	30	10	0.15	-51.43	-13
3	30	1000	100	509.88325	-56.31	-13
4	1000	10000	1000	6642.775	-42.87	-13

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



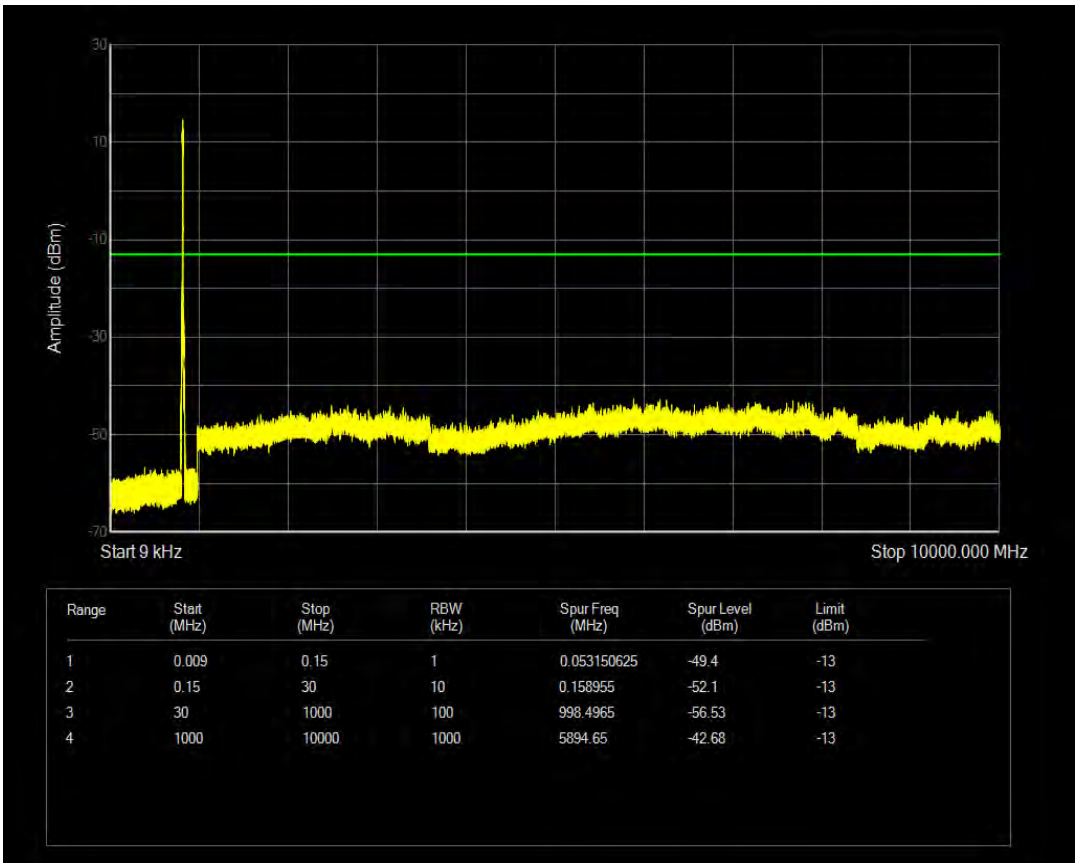
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05309775	-49.39	-13
2	0.15	30	10	0.16194	-51.92	-13
3	30	1000	100	947.49875	-55.96	-13
4	1000	10000	1000	6660.325	-42.79	-13

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



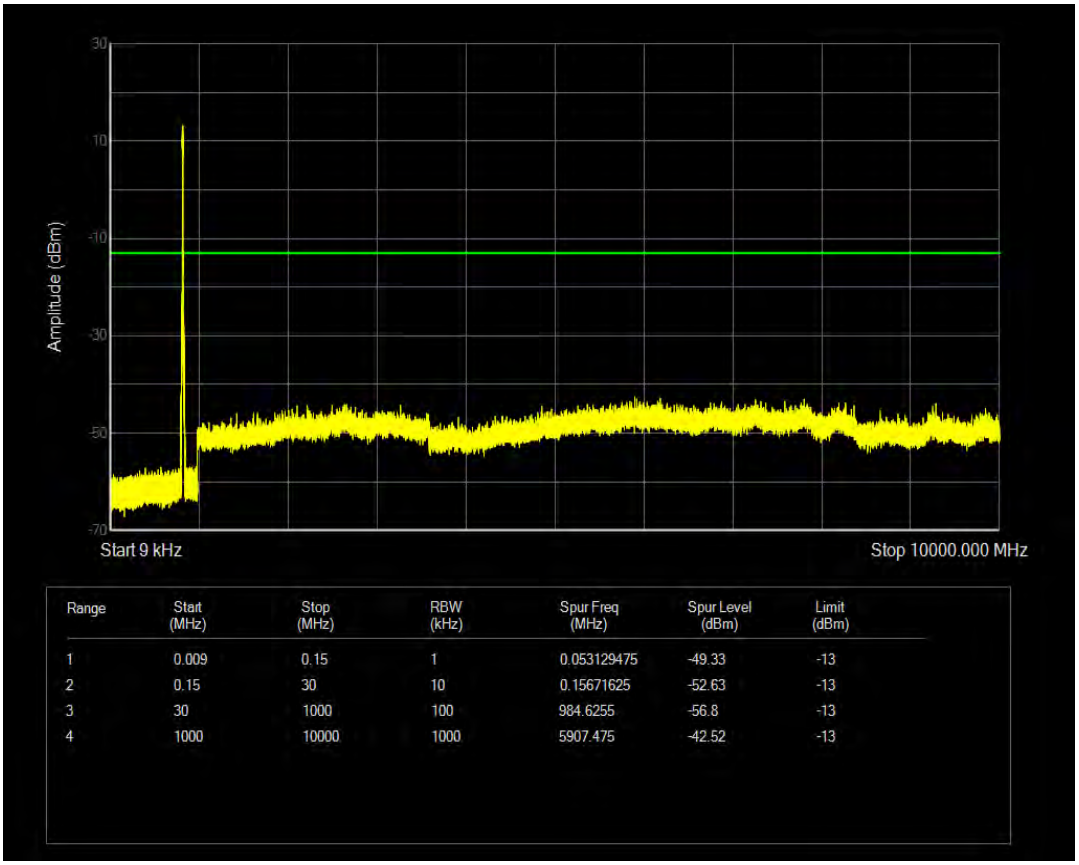
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531048	-49.42	-13
2	0.15	30	10	0.15820875	-50.45	-13
3	30	1000	100	999.8545	-56.44	-13
4	1000	10000	1000	5396.725	-42.07	-13

Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



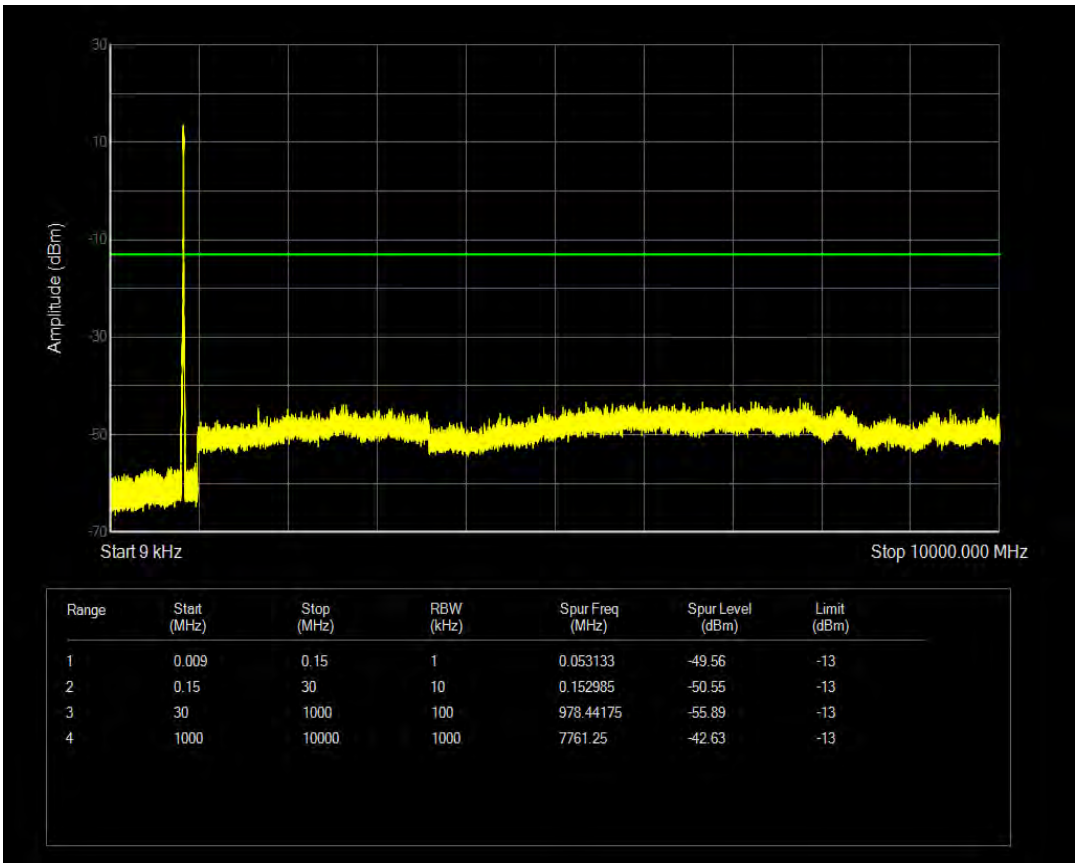
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053150625	-49.4	-13
2	0.15	30	10	0.158955	-52.1	-13
3	30	1000	100	998.4965	-56.53	-13
4	1000	10000	1000	5894.65	-42.68	-13

Band5 QAM16 BW=10MHz Channel=20525 RB Size=50 Position=#0



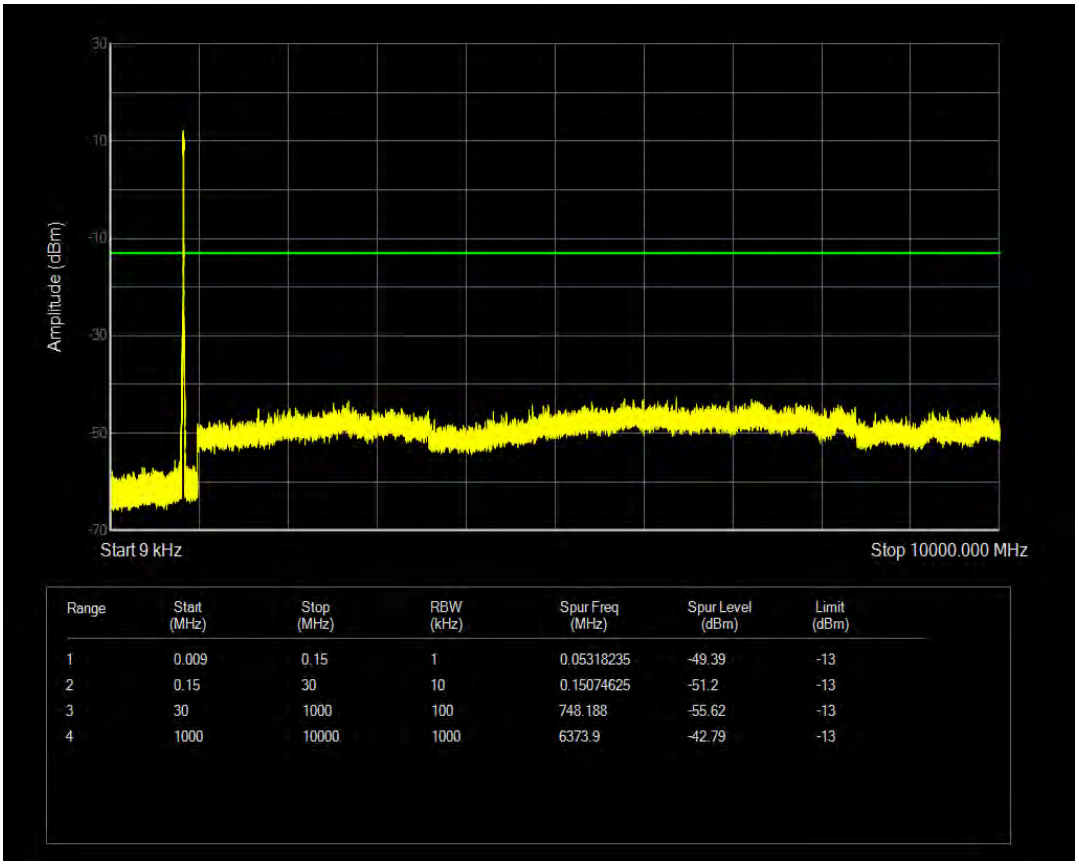
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053129475	-49.33	-13
2	0.15	30	10	0.15671625	-52.63	-13
3	30	1000	100	984.6255	-56.8	-13
4	1000	10000	1000	5907.475	-42.52	-13

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



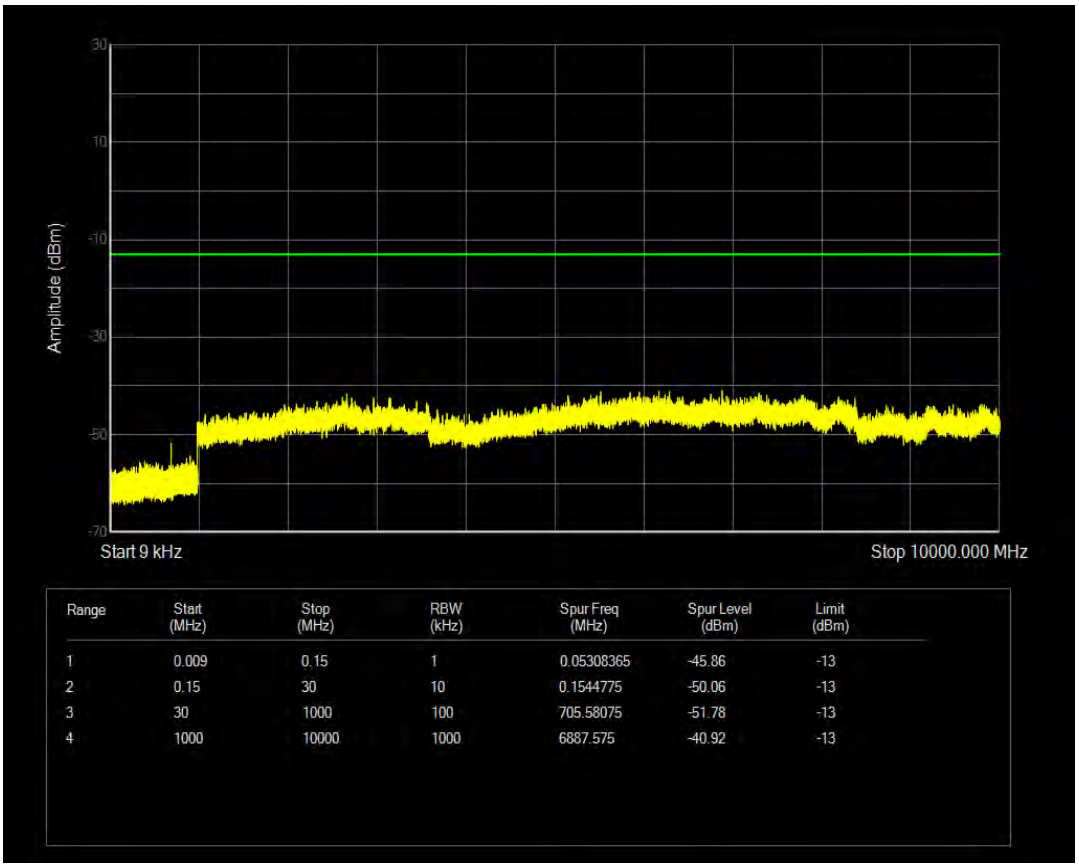
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053133	-49.56	-13
2	0.15	30	10	0.152985	-50.55	-13
3	30	1000	100	978.44175	-55.89	-13
4	1000	10000	1000	7761.25	-42.63	-13

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



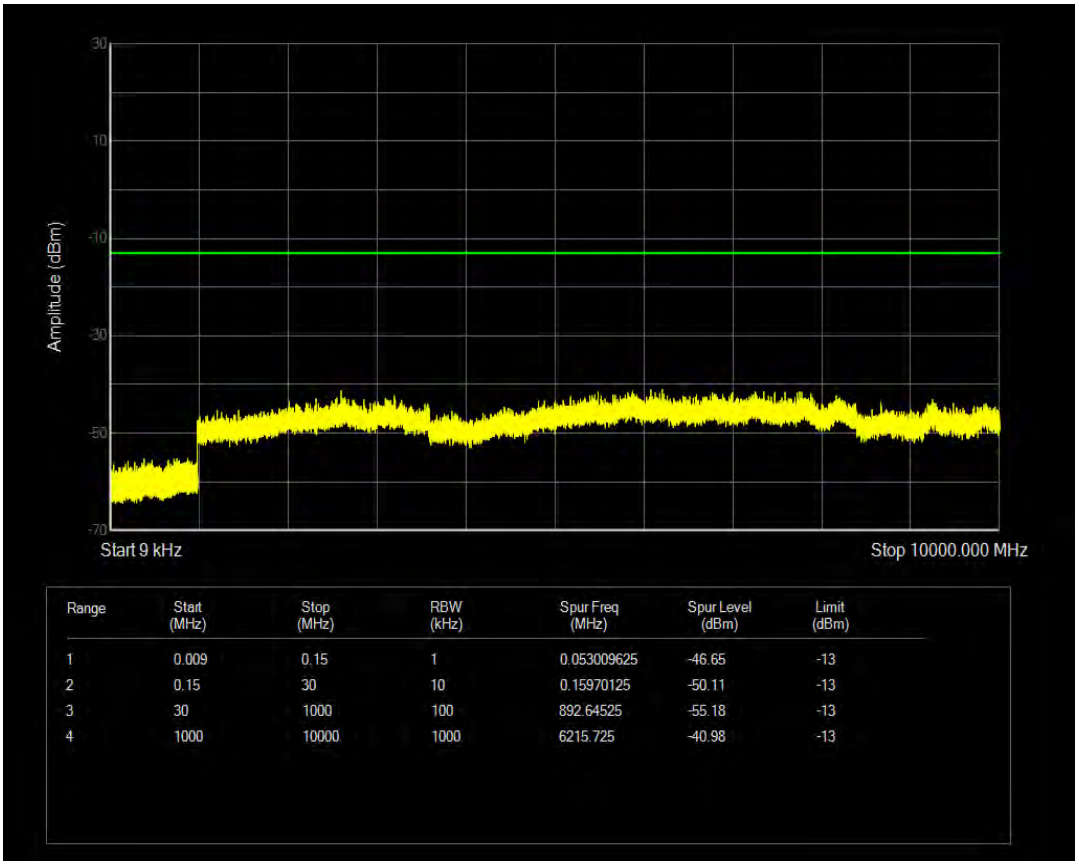
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05318235	-49.39	-13
2	0.15	30	10	0.15074625	-51.2	-13
3	30	1000	100	748.188	-55.62	-13
4	1000	10000	1000	6373.9	-42.79	-13

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



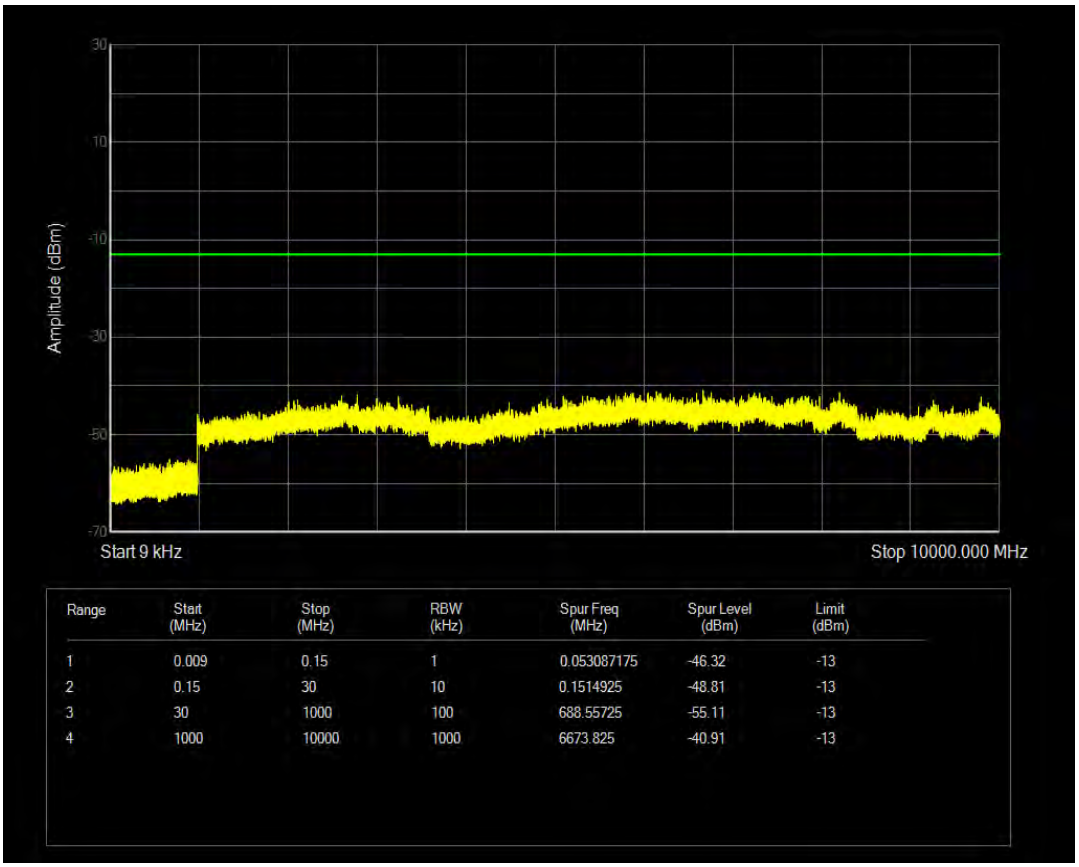
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05308365	-45.86	-13
2	0.15	30	10	0.1544775	-50.06	-13
3	30	1000	100	705.58075	-51.78	-13
4	1000	10000	1000	6887.575	-40.92	-13

Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=6 Position=#0



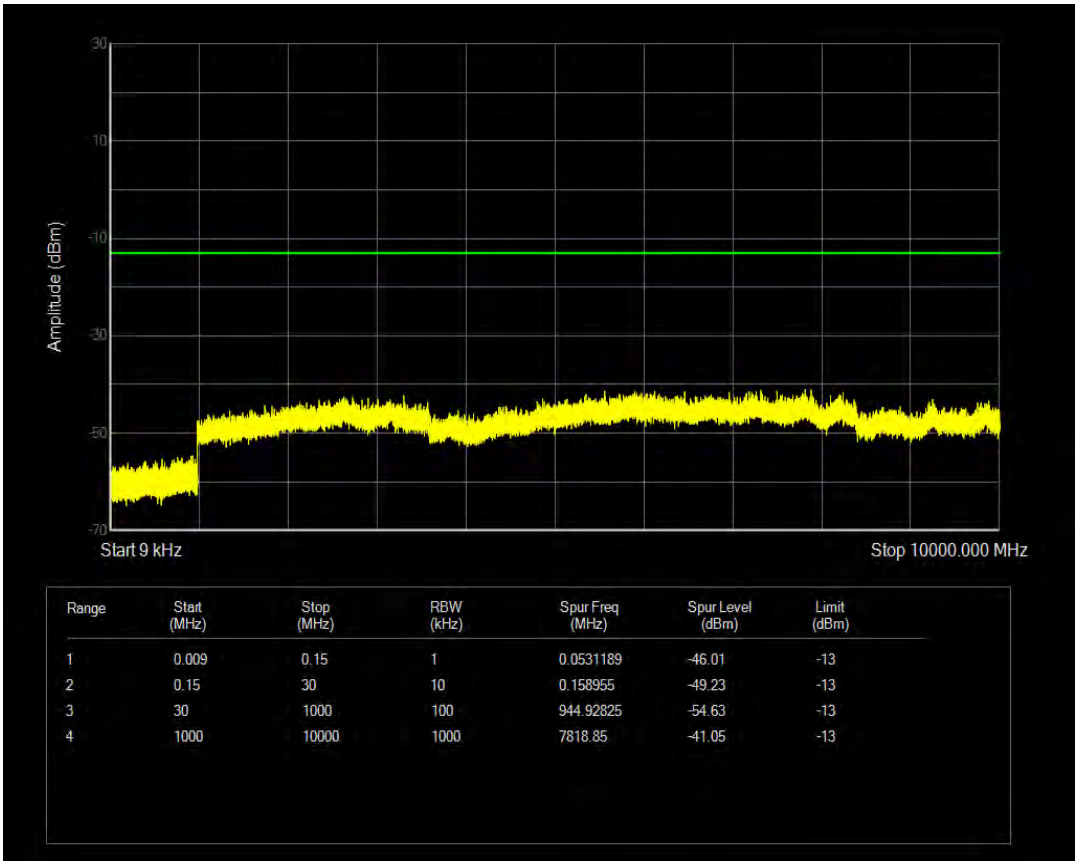
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053009625	-46.65	-13
2	0.15	30	10	0.15970125	-50.11	-13
3	30	1000	100	892.64525	-55.18	-13
4	1000	10000	1000	6215.725	-40.98	-13

Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



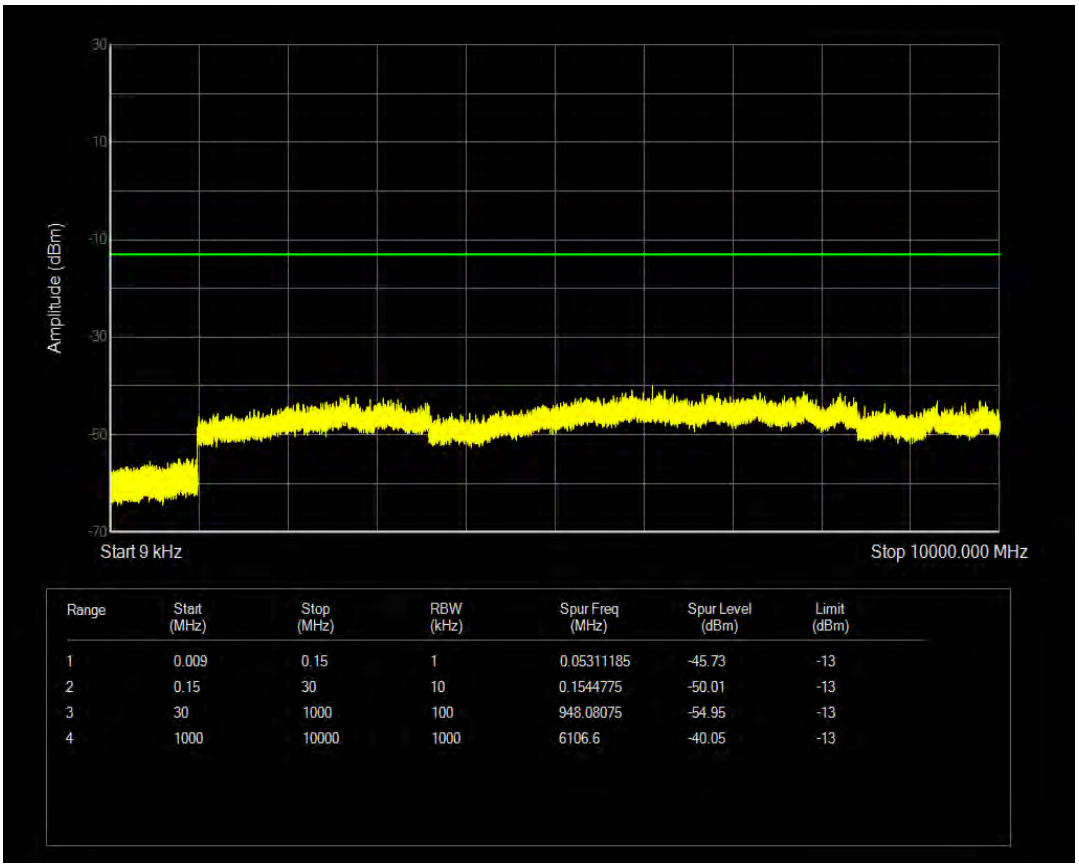
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053087175	-46.32	-13
2	0.15	30	10	0.1514925	-48.81	-13
3	30	1000	100	688.55725	-55.11	-13
4	1000	10000	1000	6673.825	-40.91	-13

Band66 QAM16 BW=1.4MHz Channel=132322 RB Size=6 Position=#0



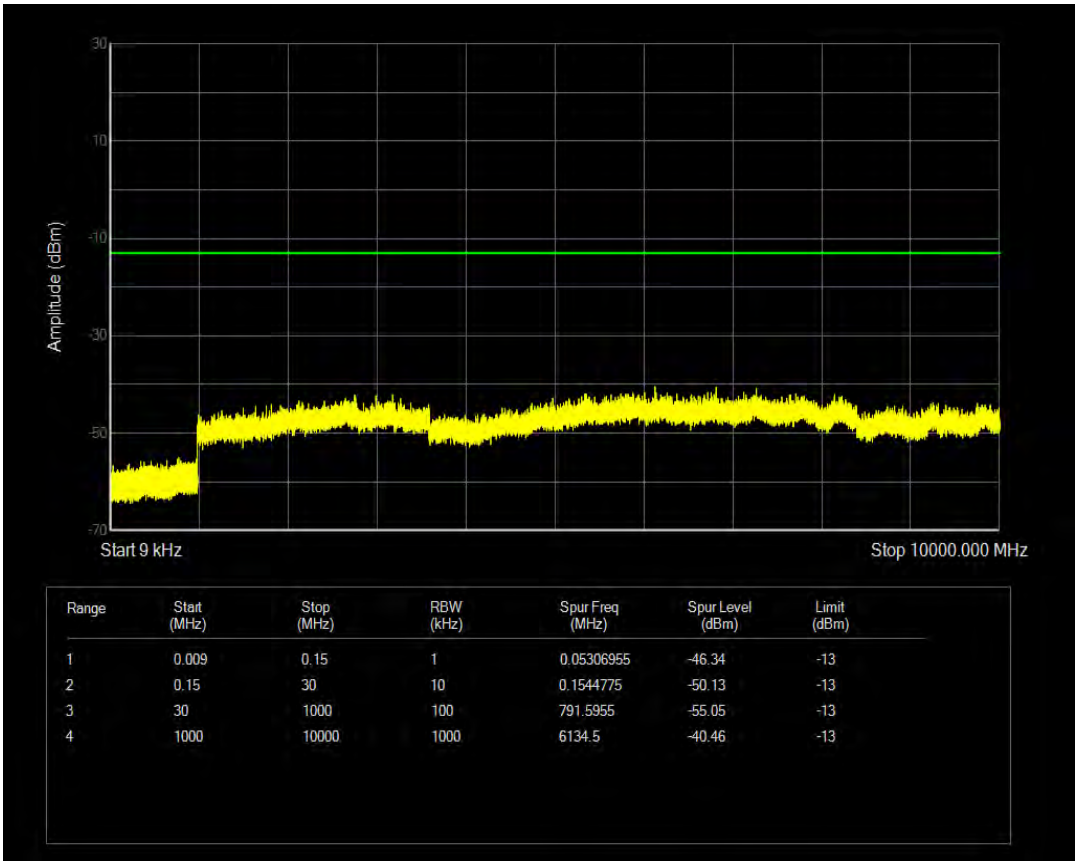
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531189	-46.01	-13
2	0.15	30	10	0.158955	-49.23	-13
3	30	1000	100	944.92825	-54.63	-13
4	1000	10000	1000	7818.85	-41.05	-13

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



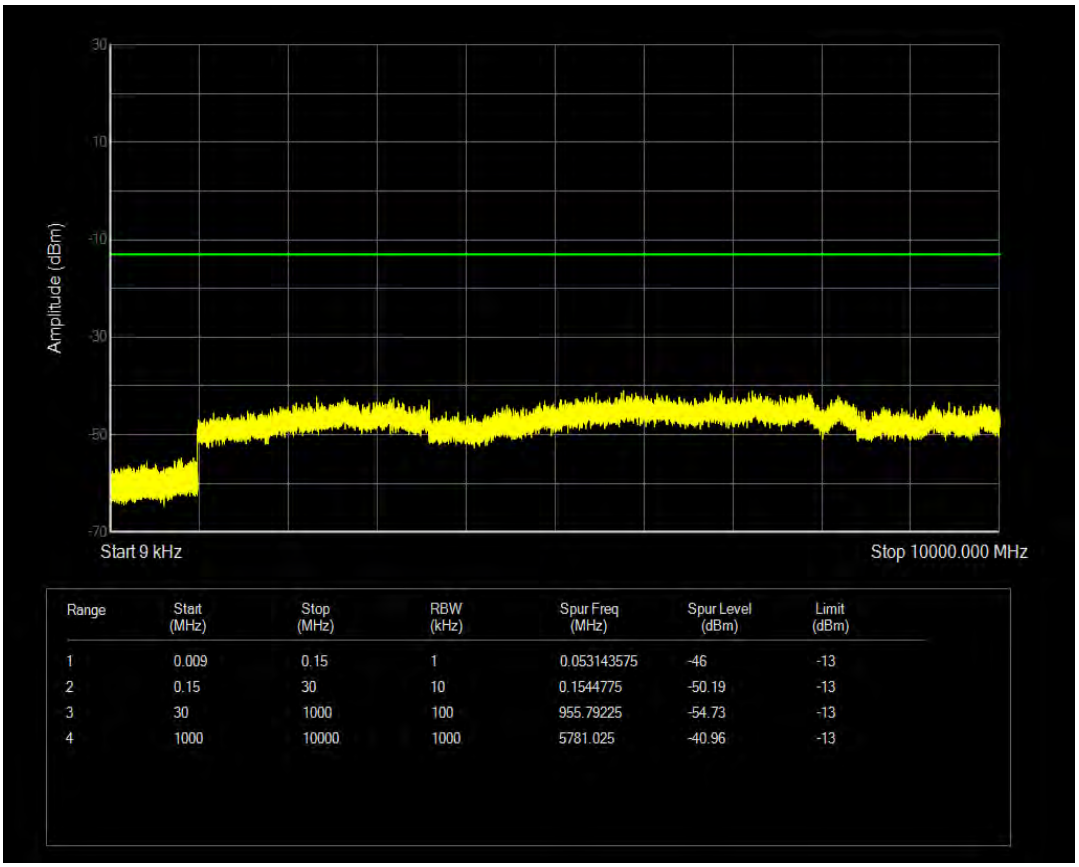
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05311185	-45.73	-13
2	0.15	30	10	0.1544775	-50.01	-13
3	30	1000	100	948.08075	-54.95	-13
4	1000	10000	1000	6106.6	-40.05	-13

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



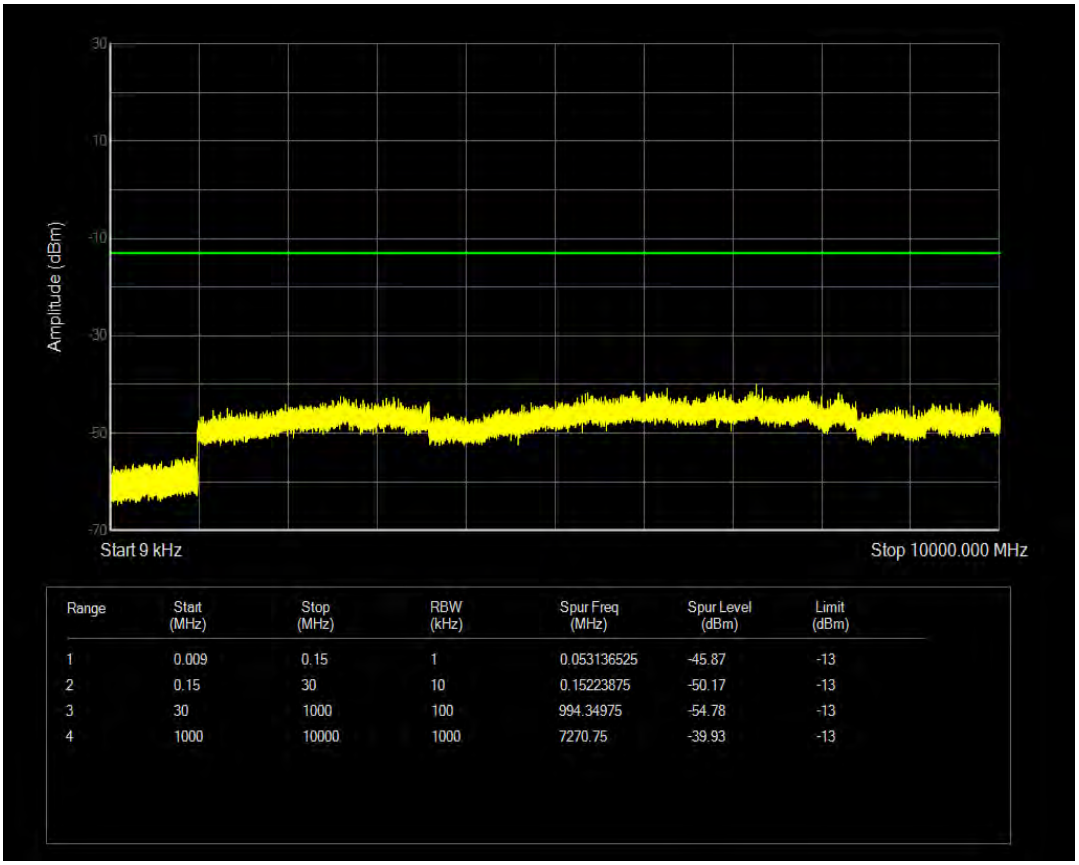
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05306955	-46.34	-13
2	0.15	30	10	0.1544775	-50.13	-13
3	30	1000	100	791.5955	-55.05	-13
4	1000	10000	1000	6134.5	-40.46	-13

Band66 QAM16 BW=1.4MHz Channel=132665 RB Size=6 Position=#0



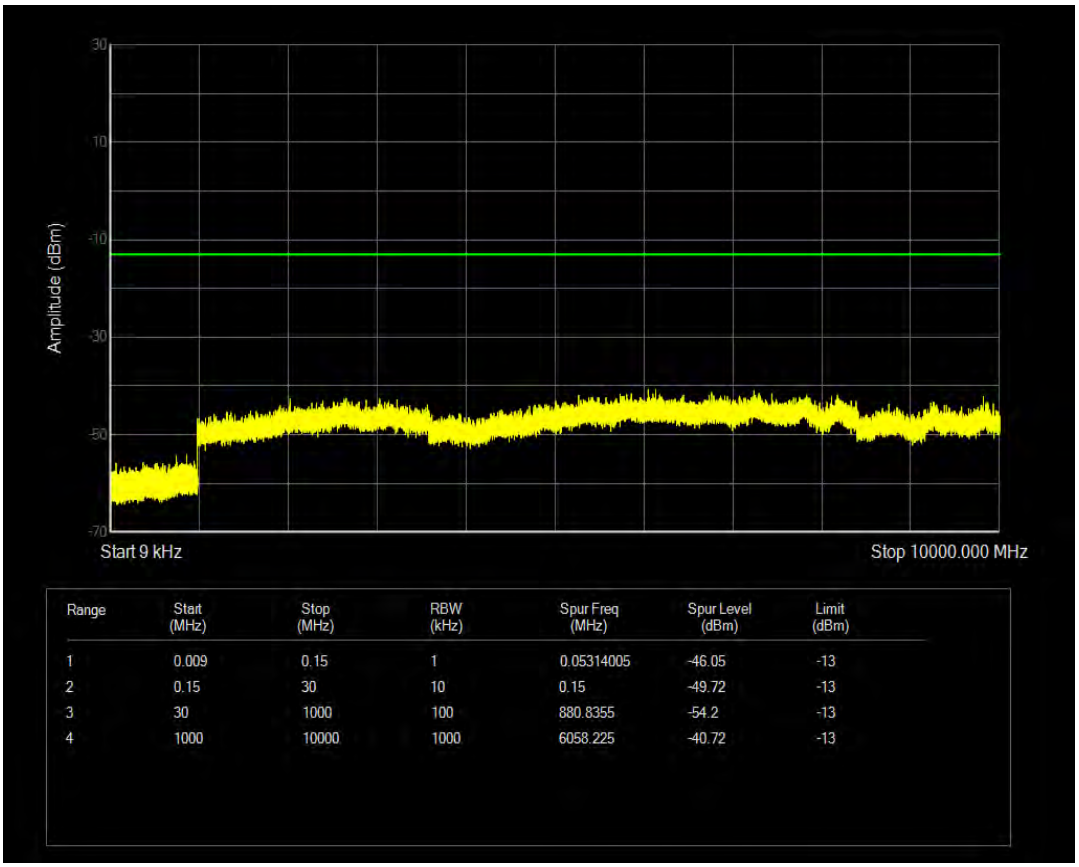
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053143575	-46	-13
2	0.15	30	10	0.1544775	-50.19	-13
3	30	1000	100	955.79225	-54.73	-13
4	1000	10000	1000	5781.025	-40.96	-13

Band66 QAM16 BW=3MHz Channel=131987 RB Size=15 Position=#0



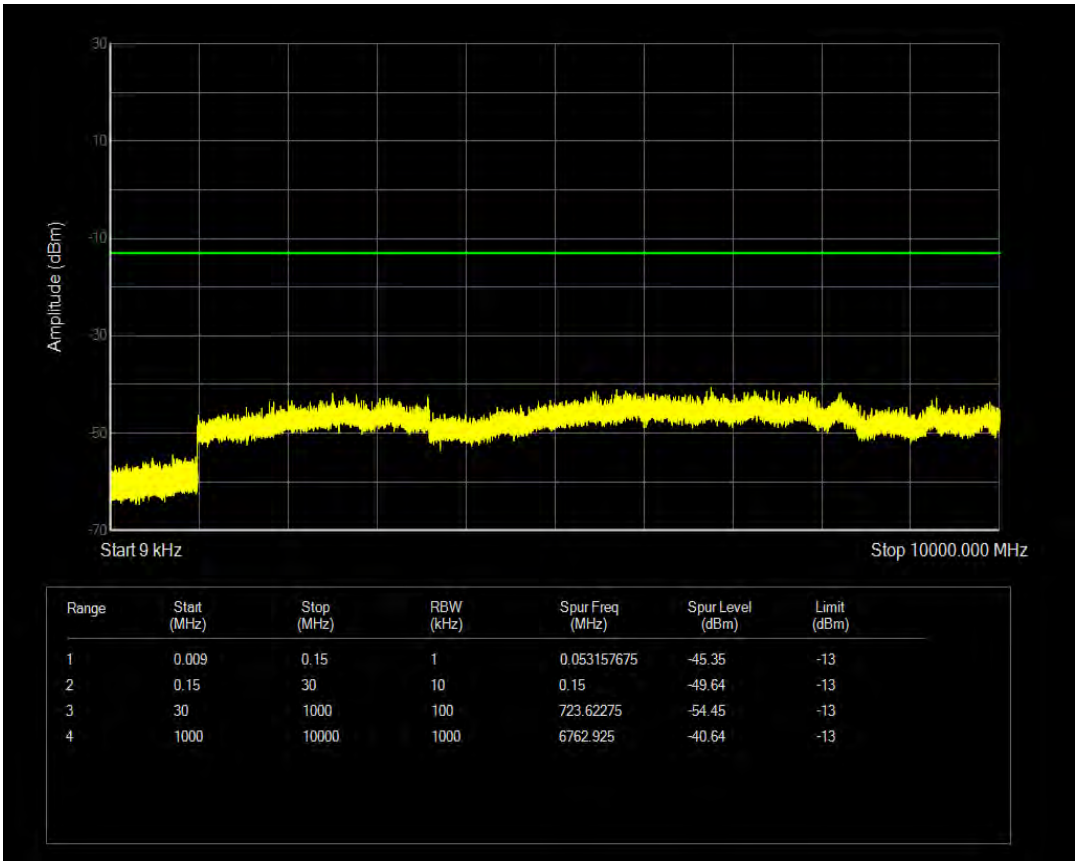
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053136525	-45.87	-13
2	0.15	30	10	0.15223875	-50.17	-13
3	30	1000	100	994.34975	-54.78	-13
4	1000	10000	1000	7270.75	-39.93	-13

Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



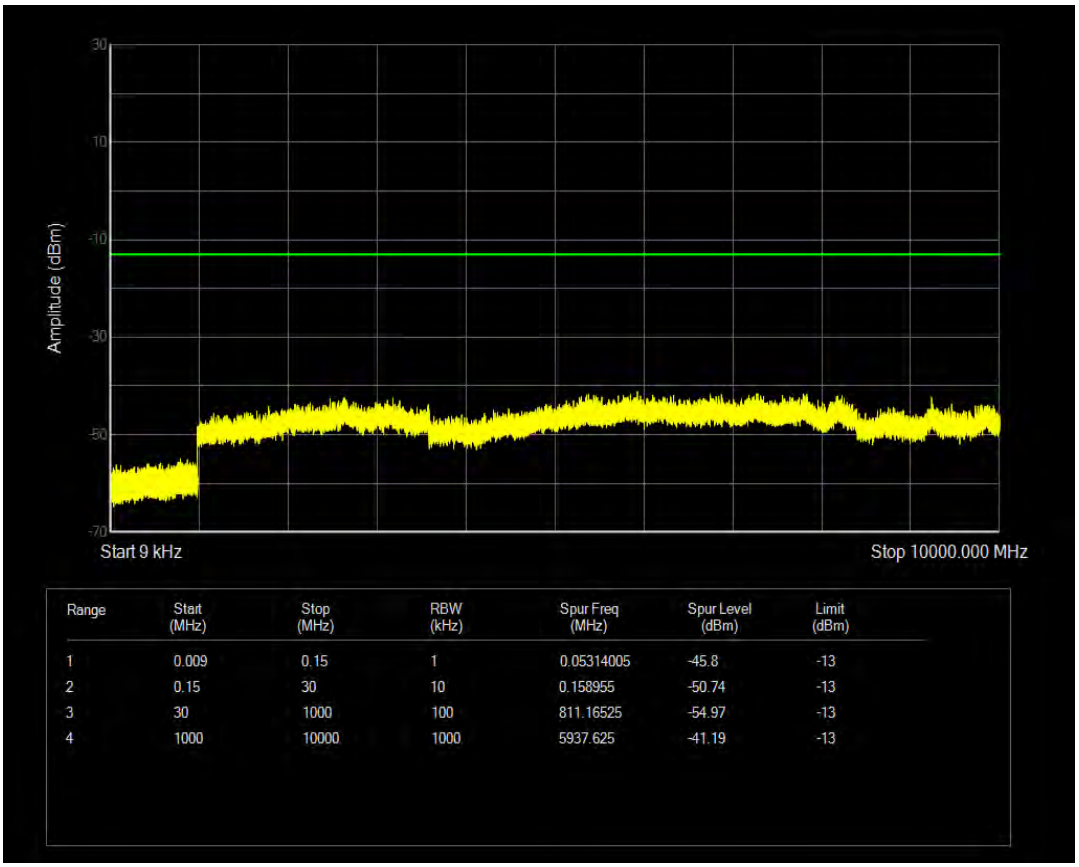
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05314005	-46.05	-13
2	0.15	30	10	0.15	-49.72	-13
3	30	1000	100	880.8355	-54.2	-13
4	1000	10000	1000	6058.225	-40.72	-13

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



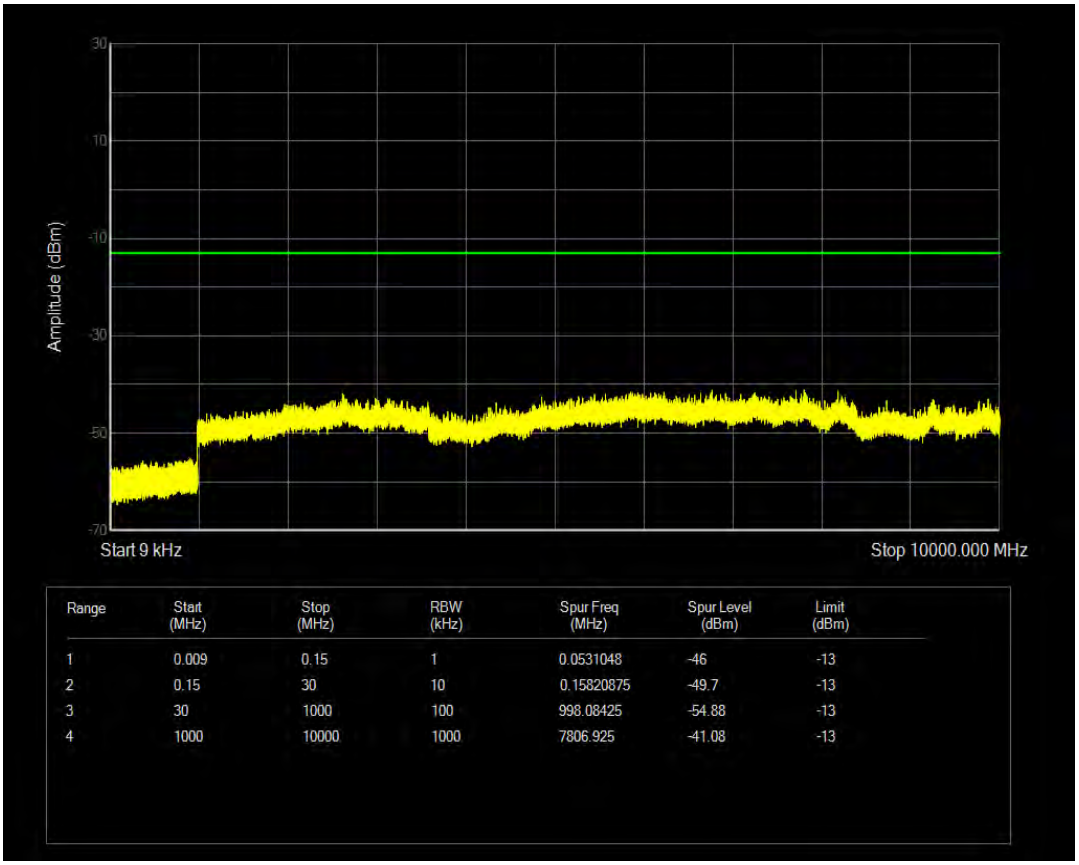
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053157675	-45.35	-13
2	0.15	30	10	0.15	-49.64	-13
3	30	1000	100	723.62275	-54.45	-13
4	1000	10000	1000	6762.925	-40.64	-13

Band66 QAM16 BW=3MHz Channel=132322 RB Size=15 Position=#0



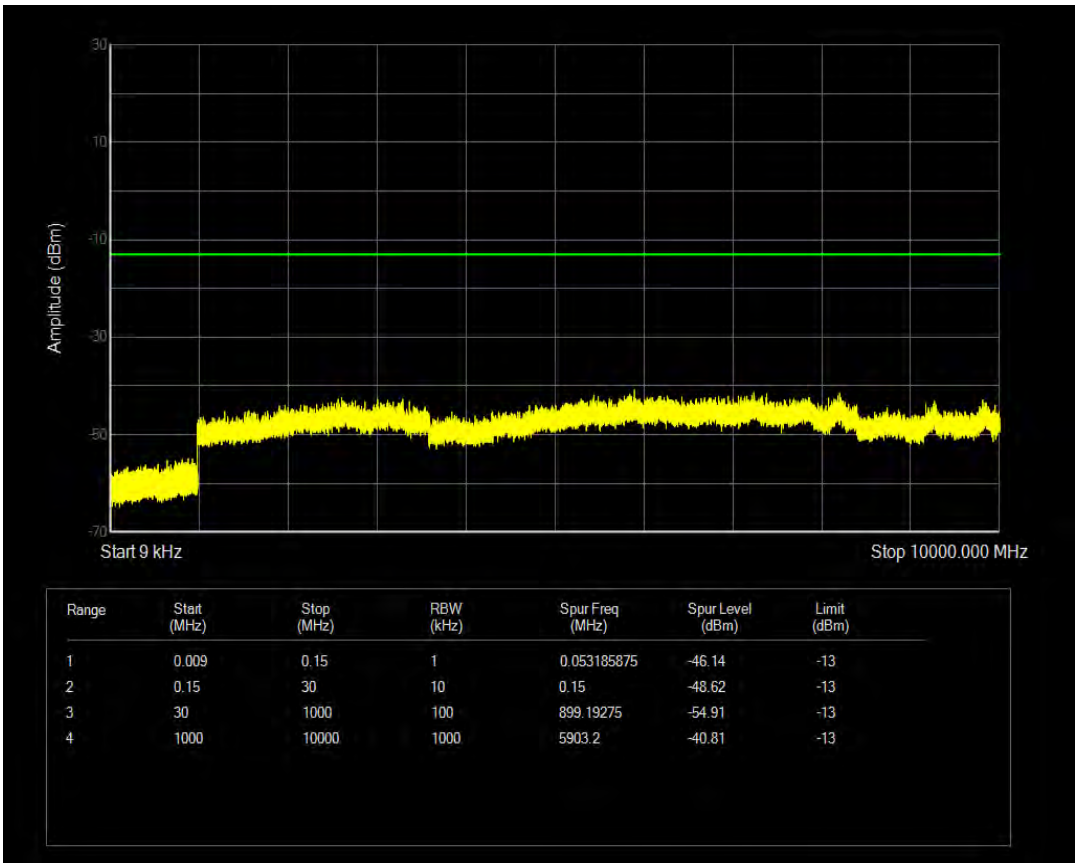
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05314005	-45.8	-13
2	0.15	30	10	0.158955	-50.74	-13
3	30	1000	100	811.16525	-54.97	-13
4	1000	10000	1000	5937.625	-41.19	-13

Band66 QAM16 BW=3MHz Channel=132657 RB Size=15 Position=#0



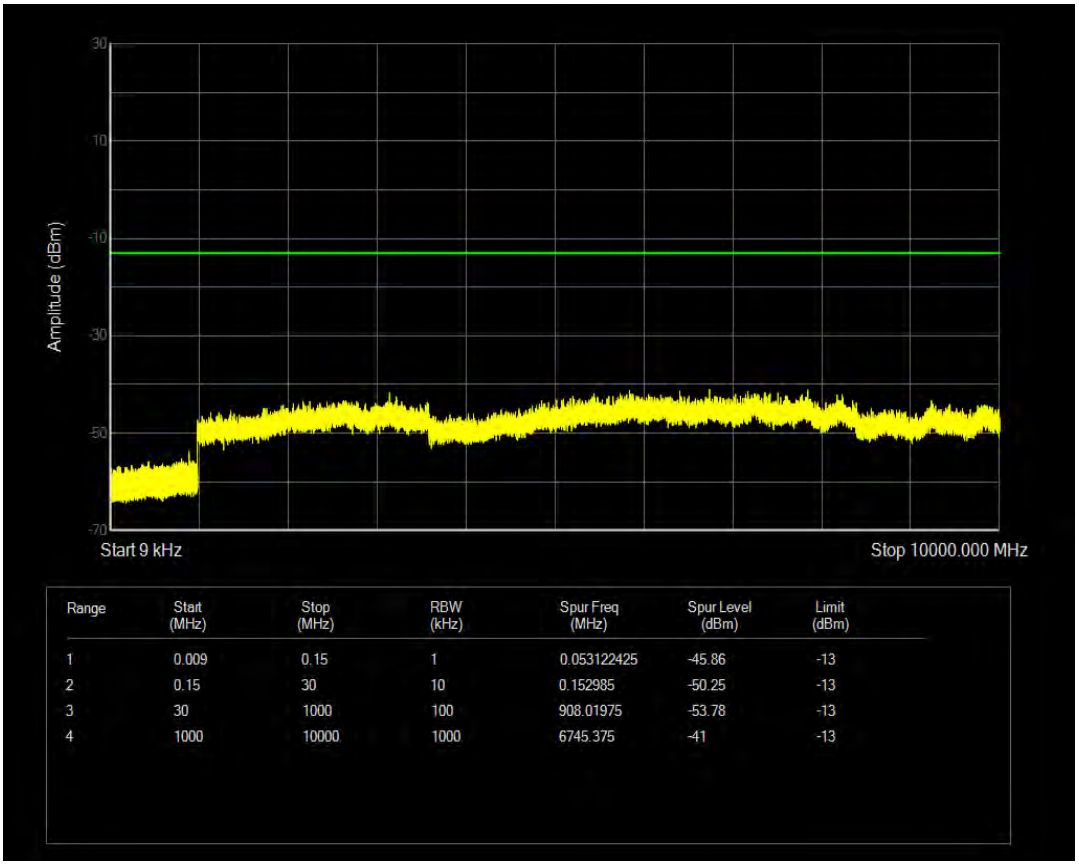
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531048	-46	-13
2	0.15	30	10	0.15820875	-49.7	-13
3	30	1000	100	998.08425	-54.88	-13
4	1000	10000	1000	7806.925	-41.08	-13

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



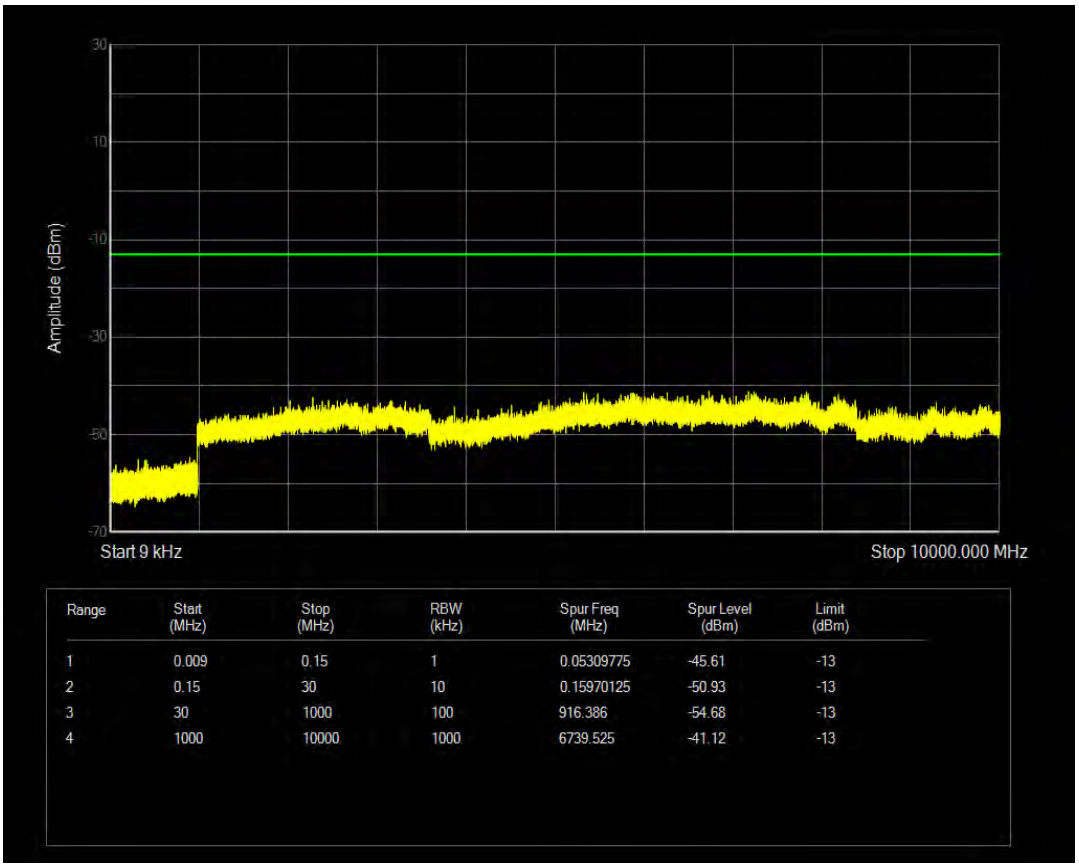
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053185875	-46.14	-13
2	0.15	30	10	0.15	-48.62	-13
3	30	1000	100	899.19275	-54.91	-13
4	1000	10000	1000	5903.2	-40.81	-13

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



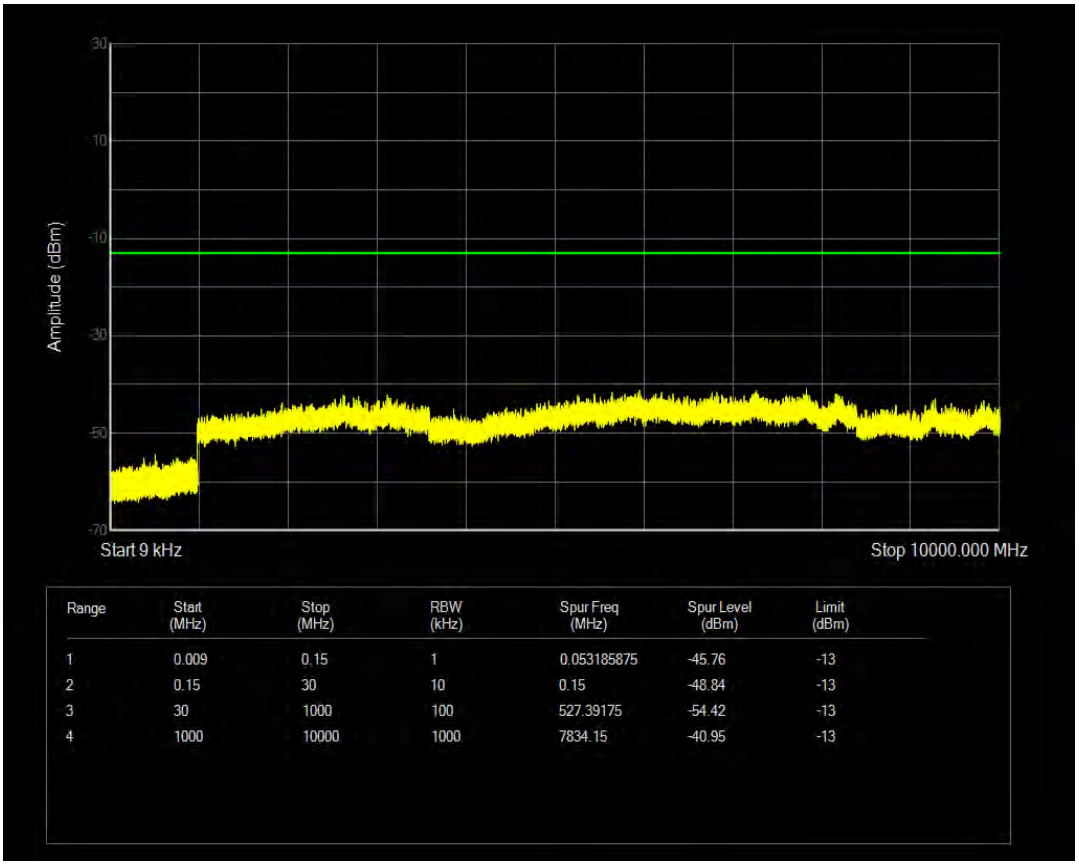
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053122425	-45.86	-13
2	0.15	30	10	0.152985	-50.25	-13
3	30	1000	100	908.01975	-53.78	-13
4	1000	10000	1000	6745.375	-41	-13

Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



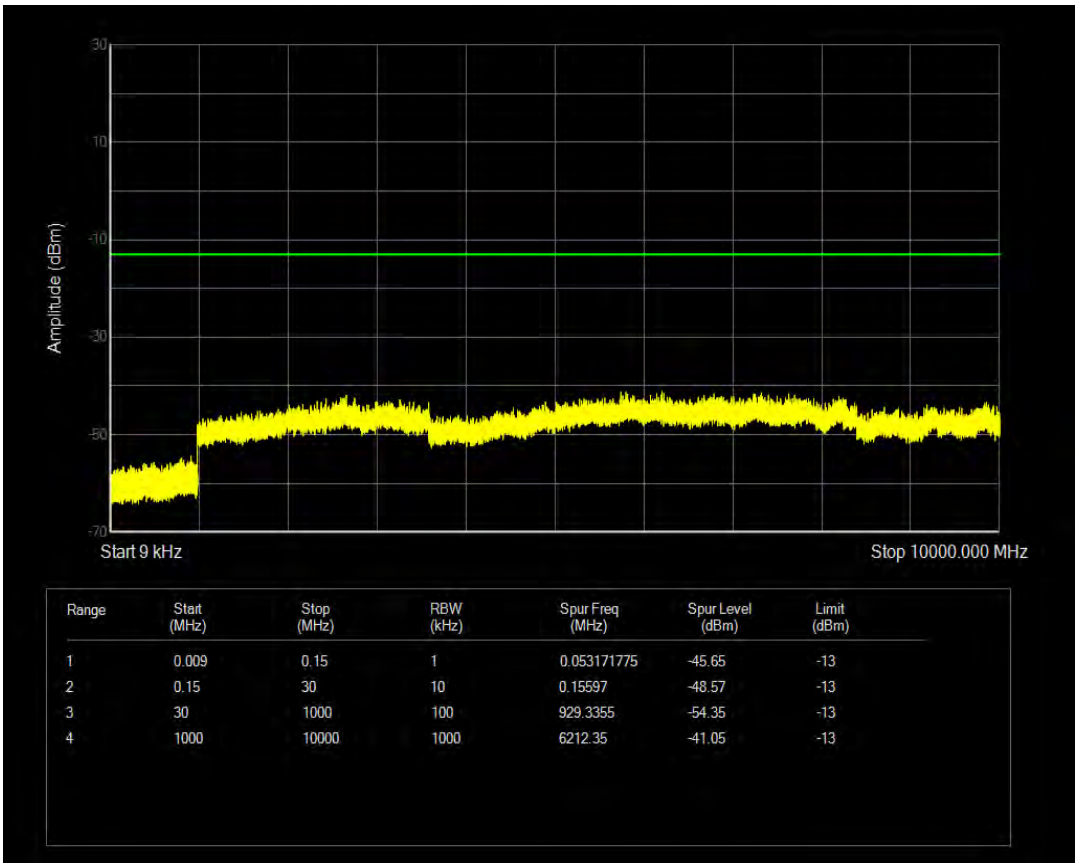
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05309775	-45.61	-13
2	0.15	30	10	0.15970125	-50.93	-13
3	30	1000	100	916.386	-54.68	-13
4	1000	10000	1000	6739.525	-41.12	-13

Band66 QAM16 BW=5MHz Channel=132322 RB Size=25 Position=#0



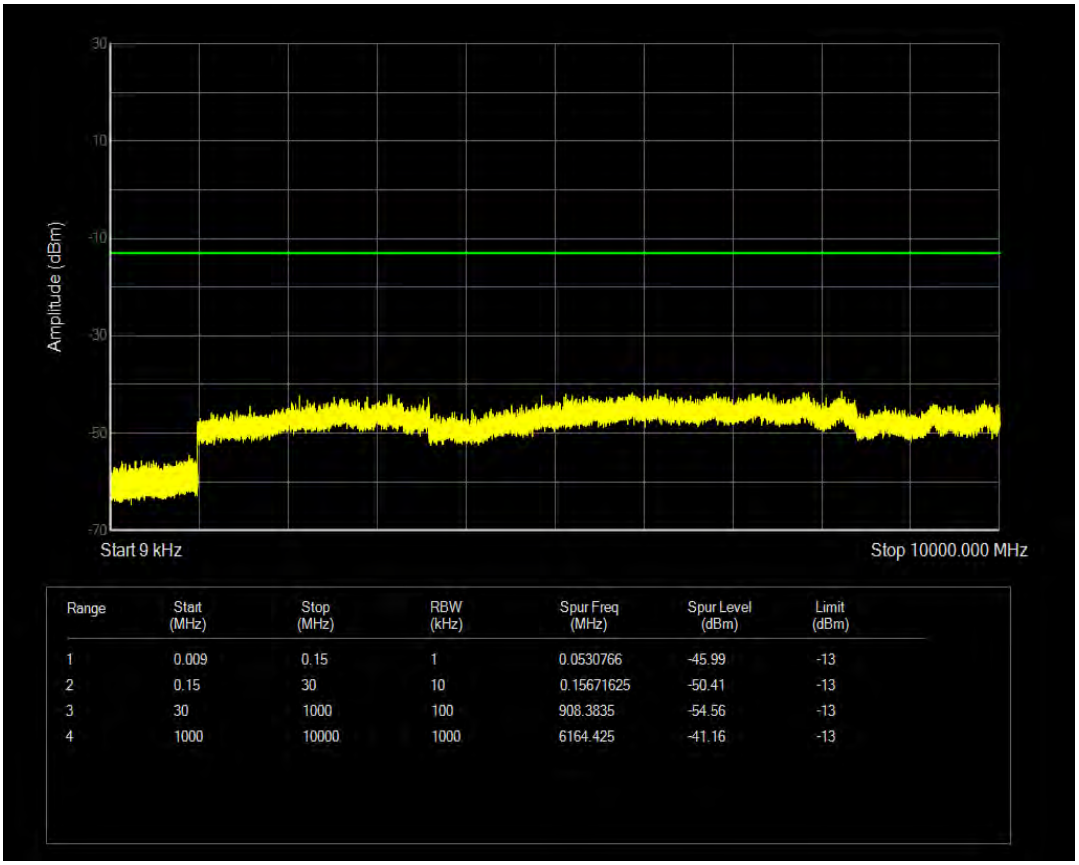
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053185875	-45.76	-13
2	0.15	30	10	0.15	-48.84	-13
3	30	1000	100	527.39175	-54.42	-13
4	1000	10000	1000	7834.15	-40.95	-13

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



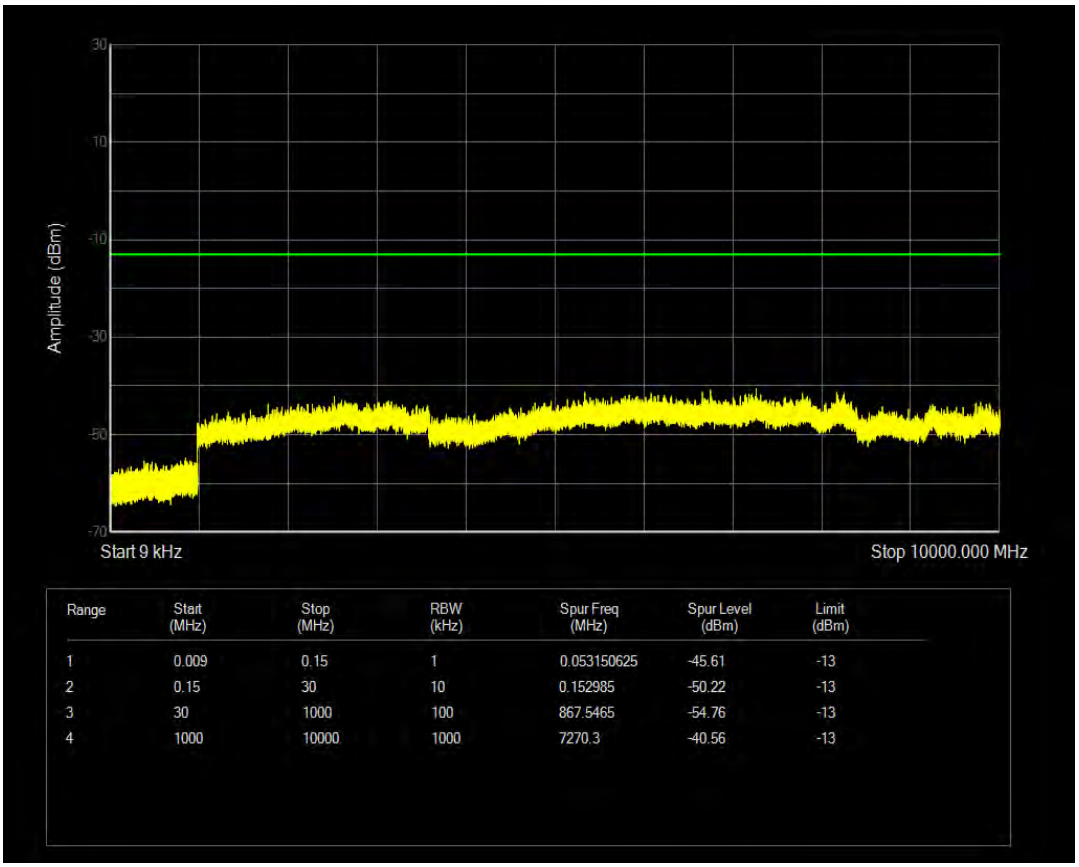
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-45.65	-13
2	0.15	30	10	0.15597	-48.57	-13
3	30	1000	100	929.3355	-54.35	-13
4	1000	10000	1000	6212.35	-41.05	-13

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



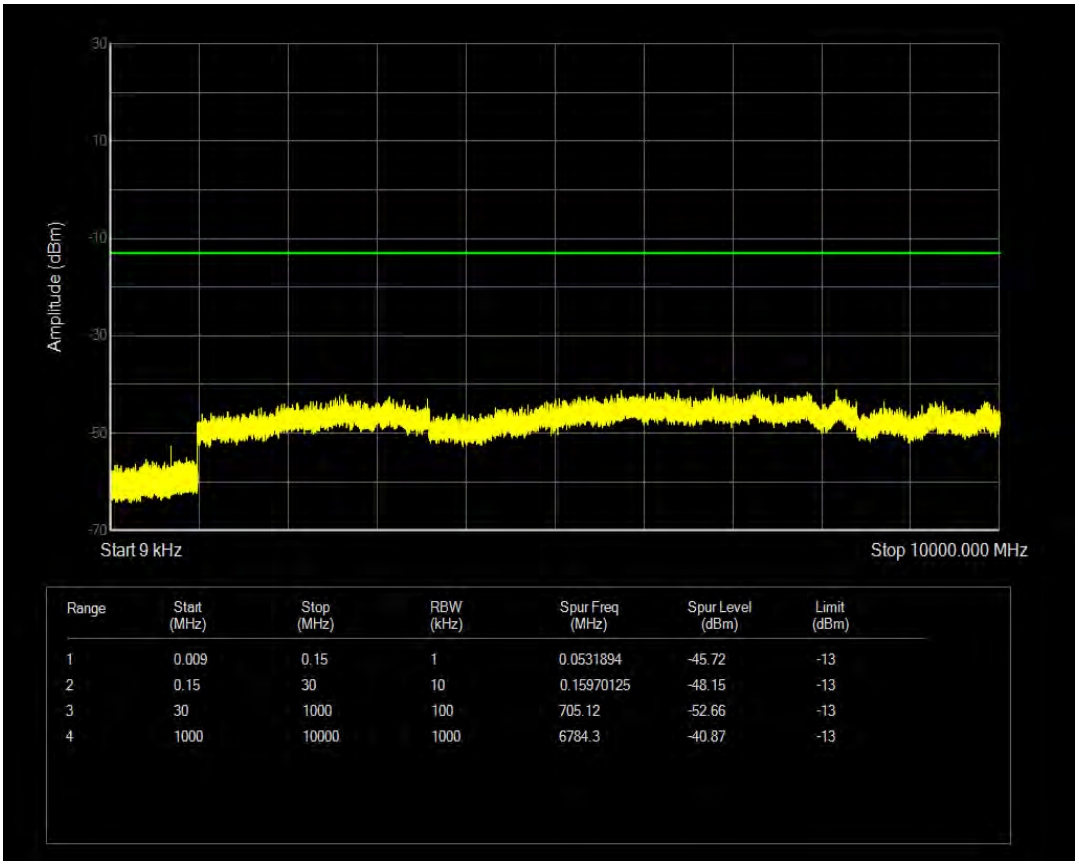
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530766	-45.99	-13
2	0.15	30	10	0.15671625	-50.41	-13
3	30	1000	100	908.3835	-54.56	-13
4	1000	10000	1000	6164.425	-41.16	-13

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



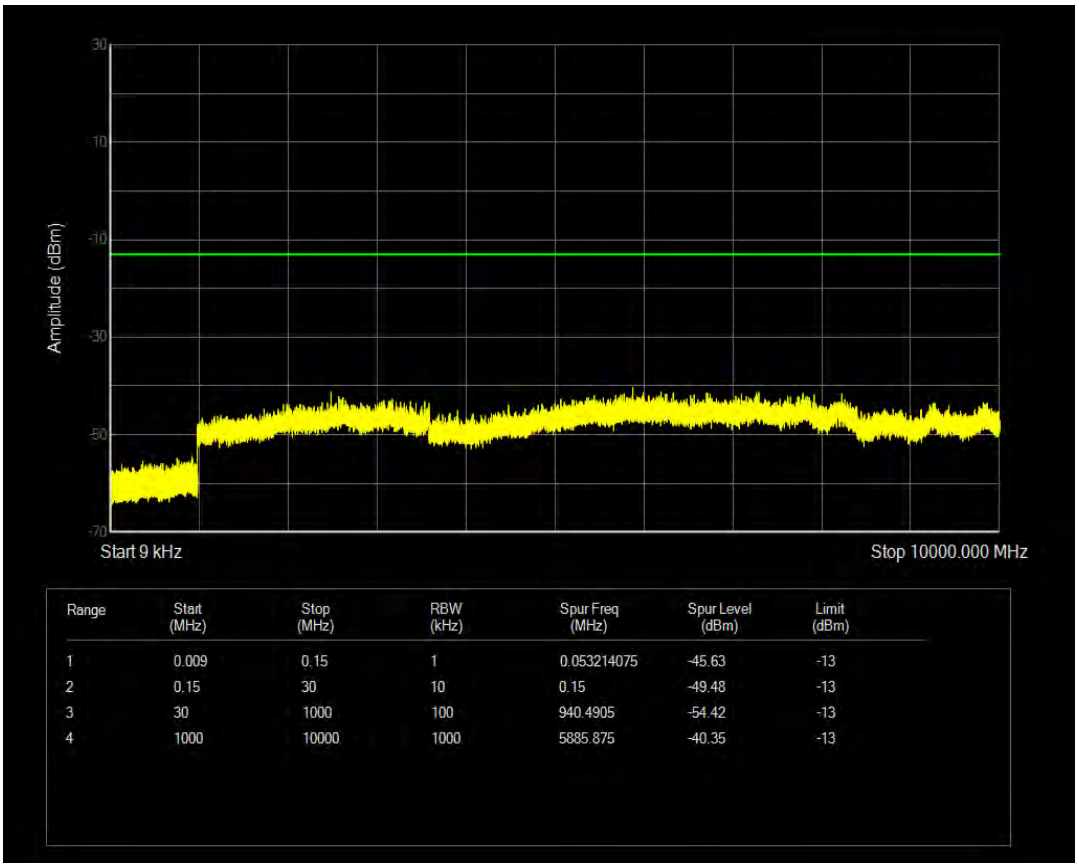
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053150625	-45.61	-13
2	0.15	30	10	0.152985	-50.22	-13
3	30	1000	100	867.5465	-54.76	-13
4	1000	10000	1000	7270.3	-40.56	-13

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



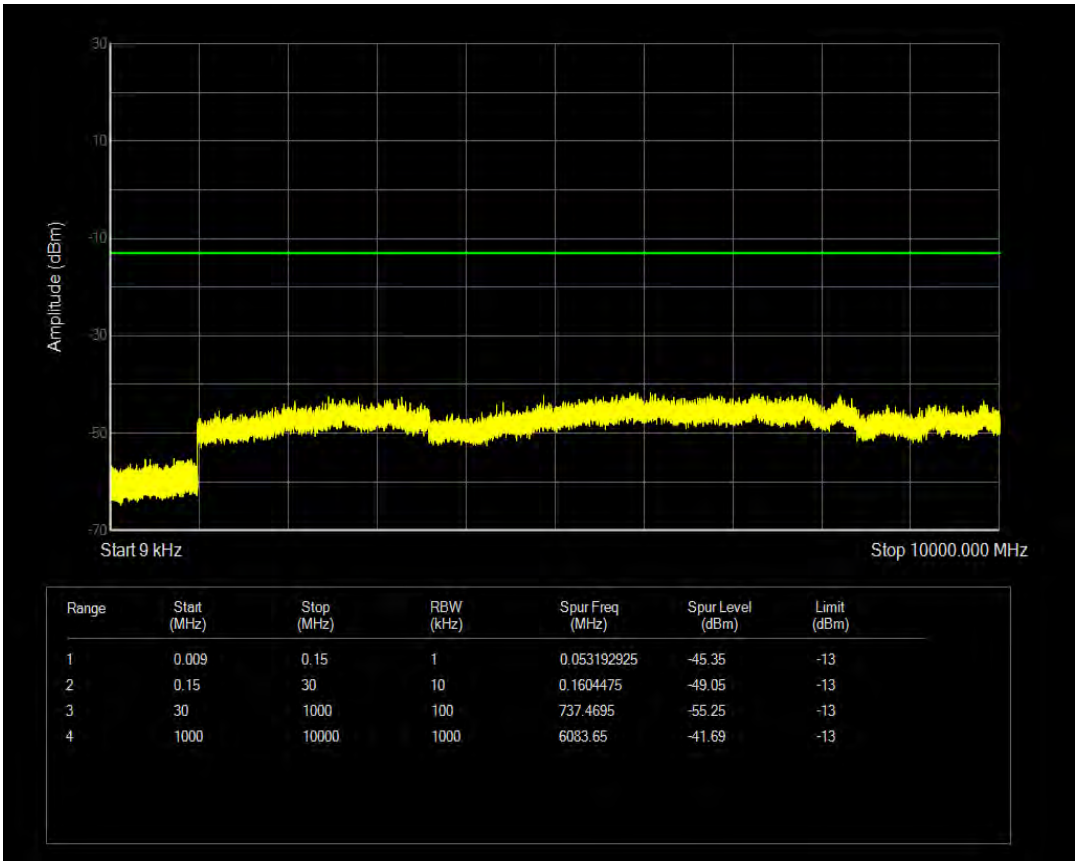
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531894	-45.72	-13
2	0.15	30	10	0.15970125	-48.15	-13
3	30	1000	100	705.12	-52.66	-13
4	1000	10000	1000	6784.3	-40.87	-13

Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



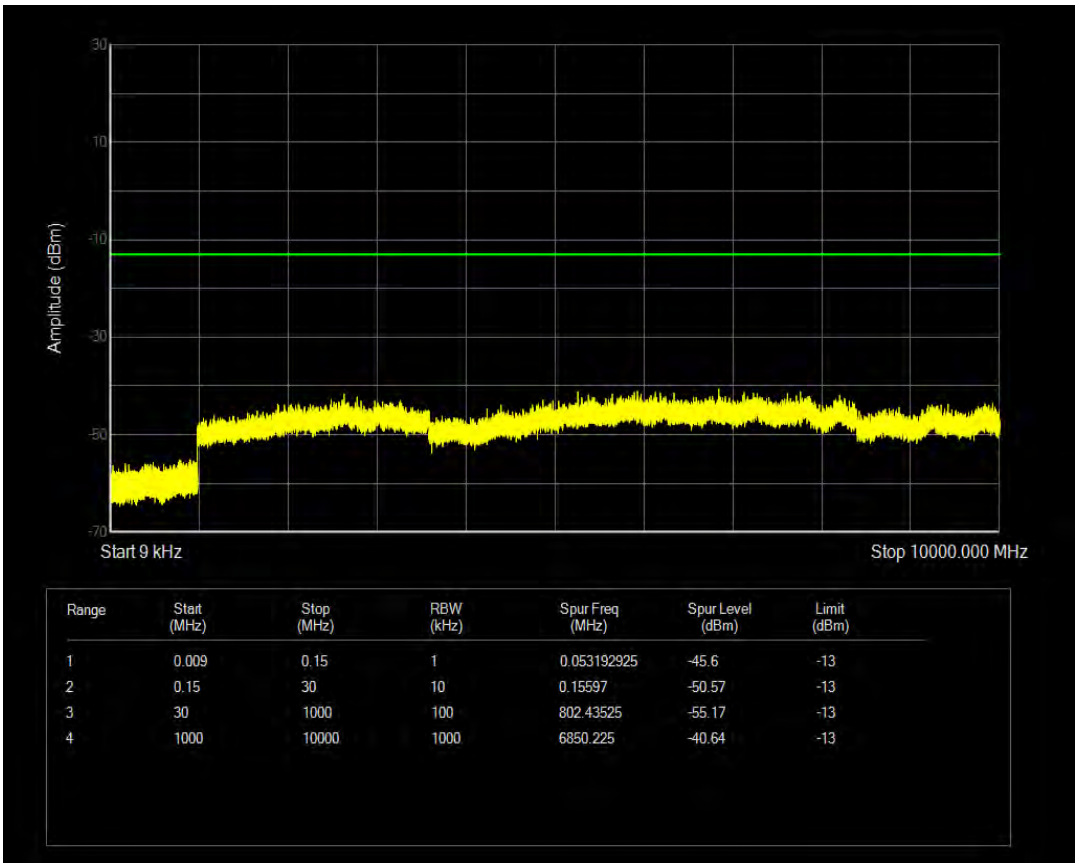
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053214075	-45.63	-13
2	0.15	30	10	0.15	-49.48	-13
3	30	1000	100	940.4905	-54.42	-13
4	1000	10000	1000	5885.875	-40.35	-13

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



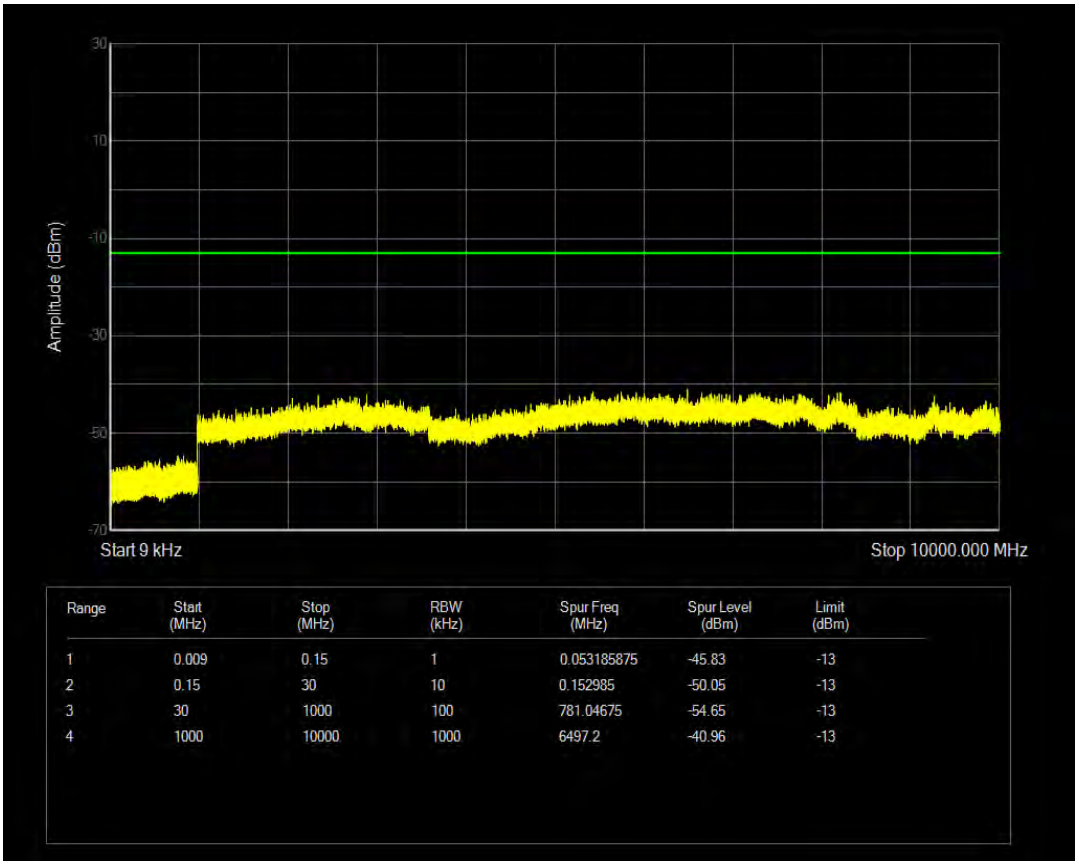
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053192925	-45.35	-13
2	0.15	30	10	0.1604475	-49.05	-13
3	30	1000	100	737.4695	-55.25	-13
4	1000	10000	1000	6083.65	-41.69	-13

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



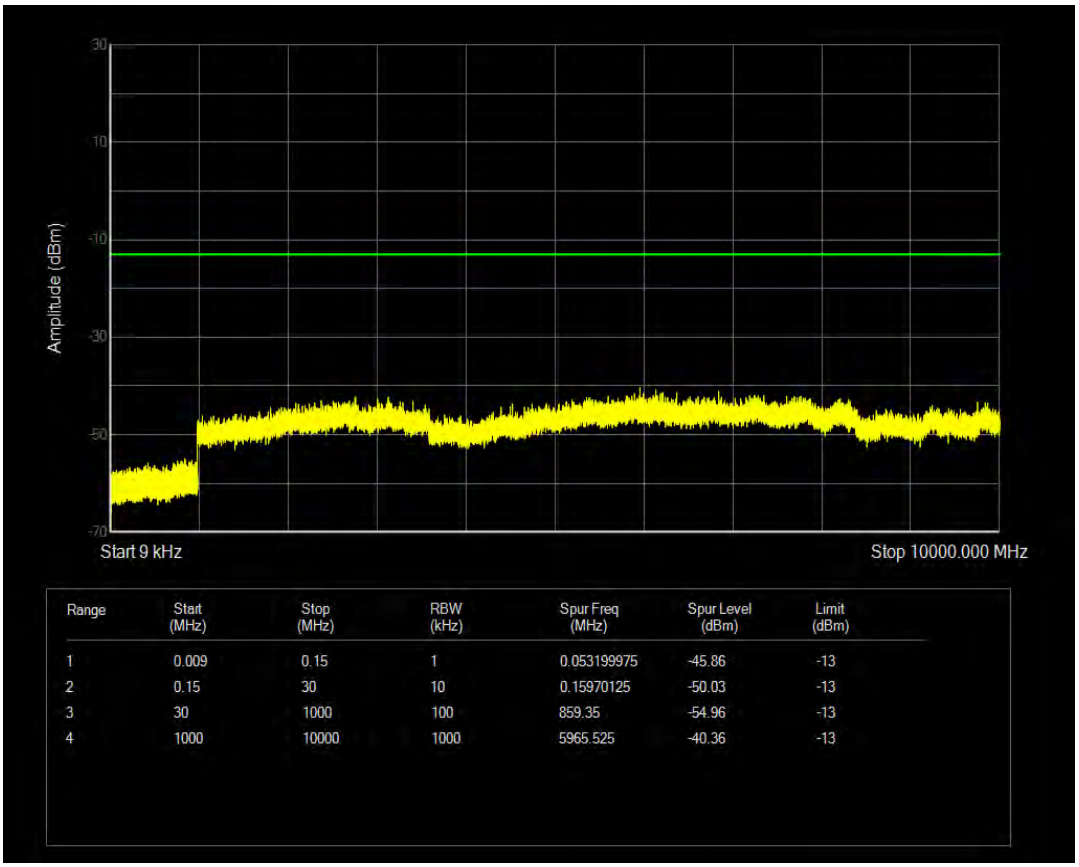
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053192925	-45.6	-13
2	0.15	30	10	0.15597	-50.57	-13
3	30	1000	100	802.43525	-55.17	-13
4	1000	10000	1000	6850.225	-40.64	-13

Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



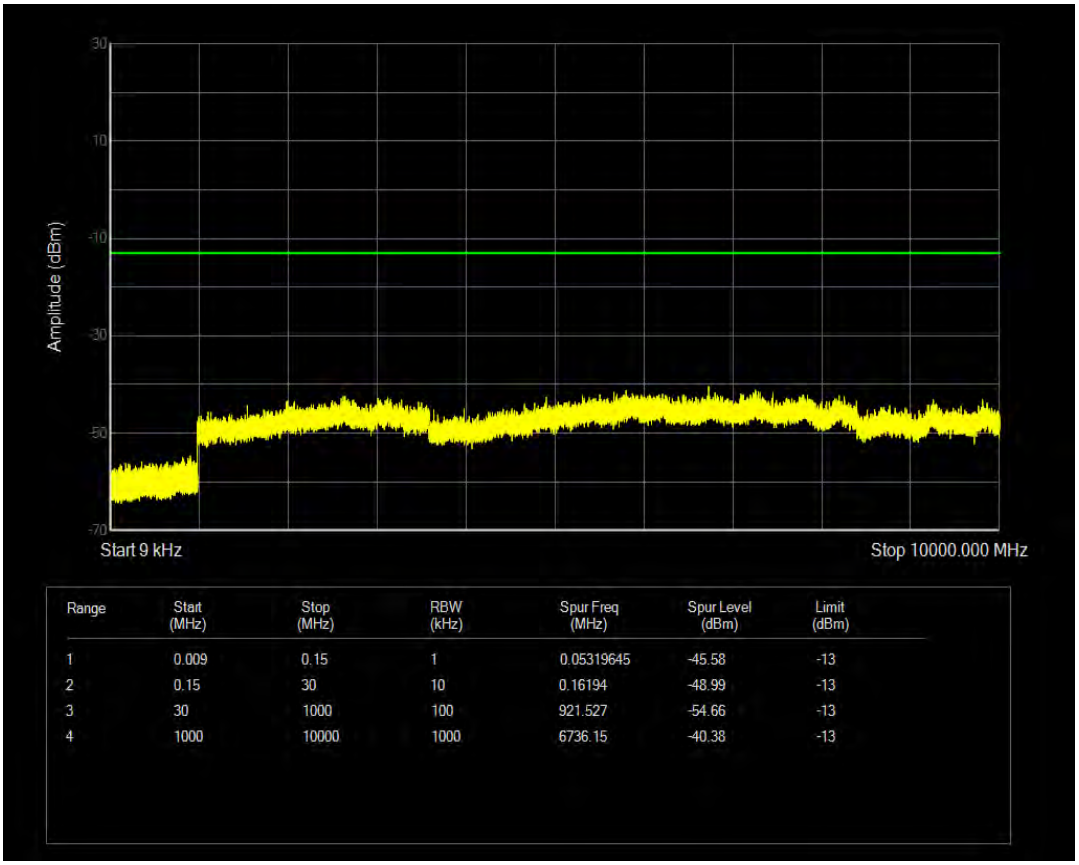
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053185875	-45.83	-13
2	0.15	30	10	0.152985	-50.05	-13
3	30	1000	100	781.04675	-54.65	-13
4	1000	10000	1000	6497.2	-40.96	-13

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



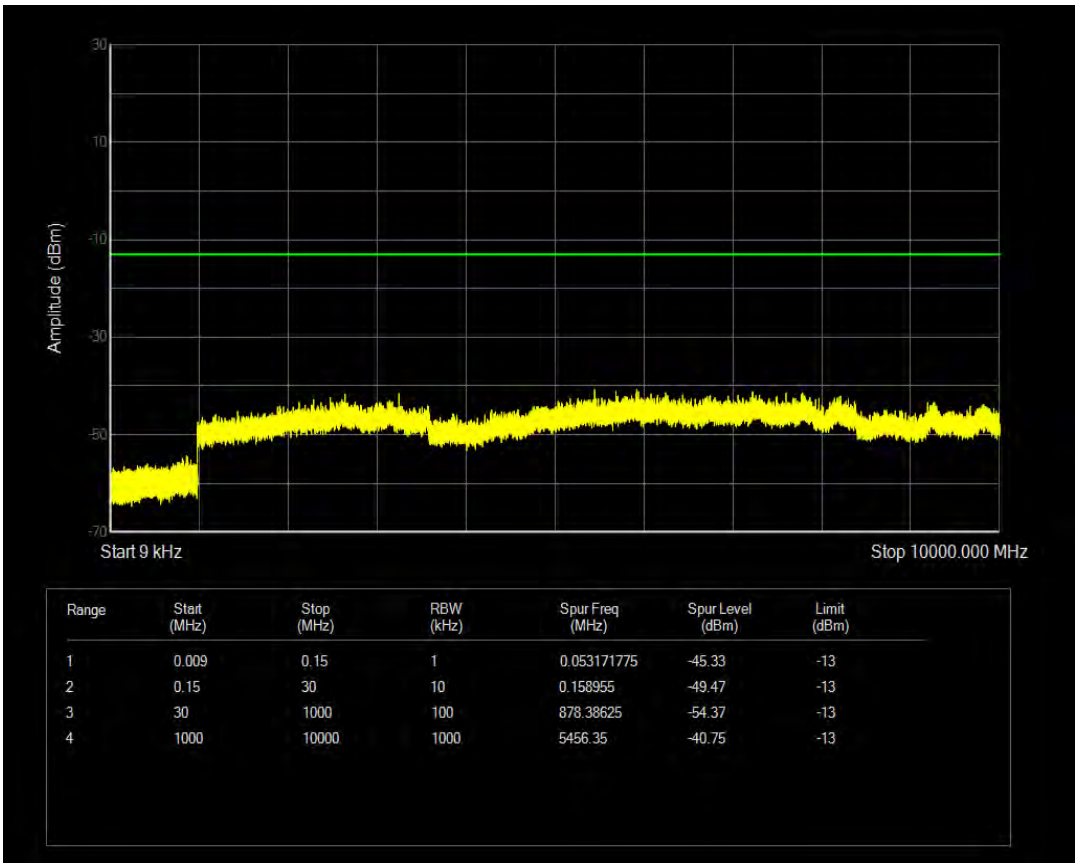
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053199975	-45.86	-13
2	0.15	30	10	0.15970125	-50.03	-13
3	30	1000	100	859.35	-54.96	-13
4	1000	10000	1000	5965.525	-40.36	-13

Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



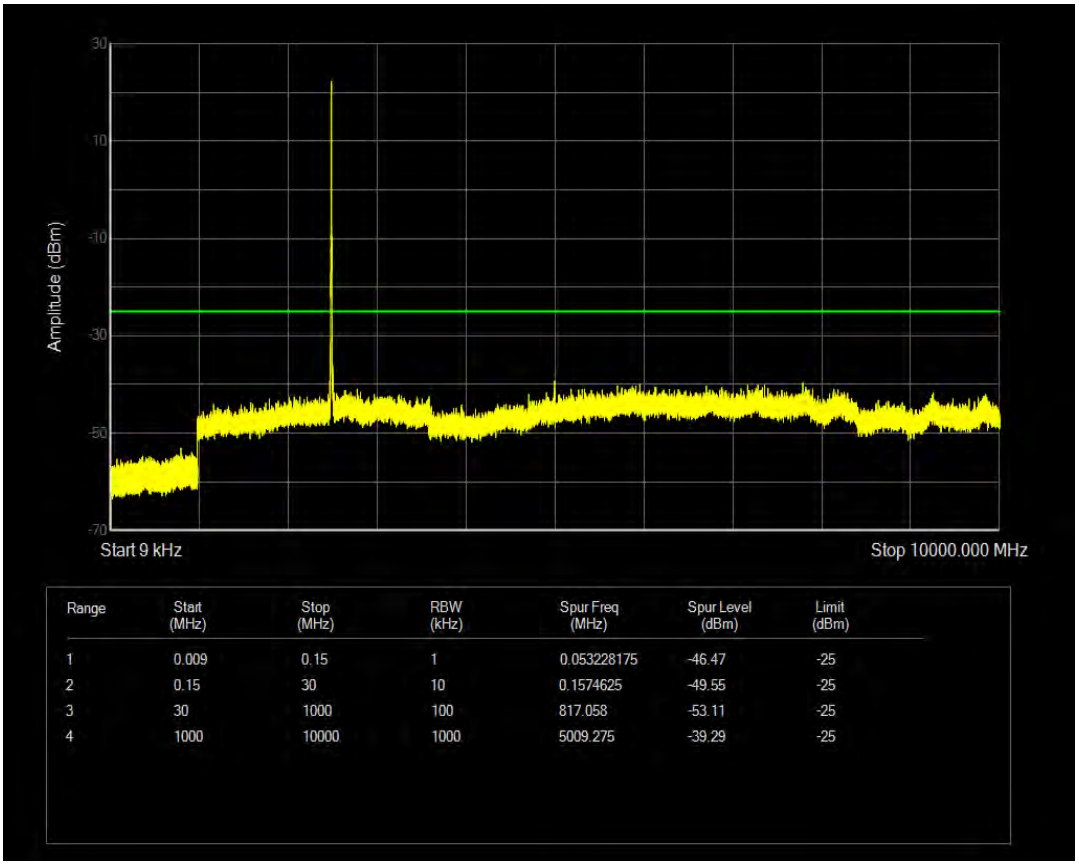
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05319645	-45.58	-13
2	0.15	30	10	0.16194	-48.99	-13
3	30	1000	100	921.527	-54.66	-13
4	1000	10000	1000	6736.15	-40.38	-13

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



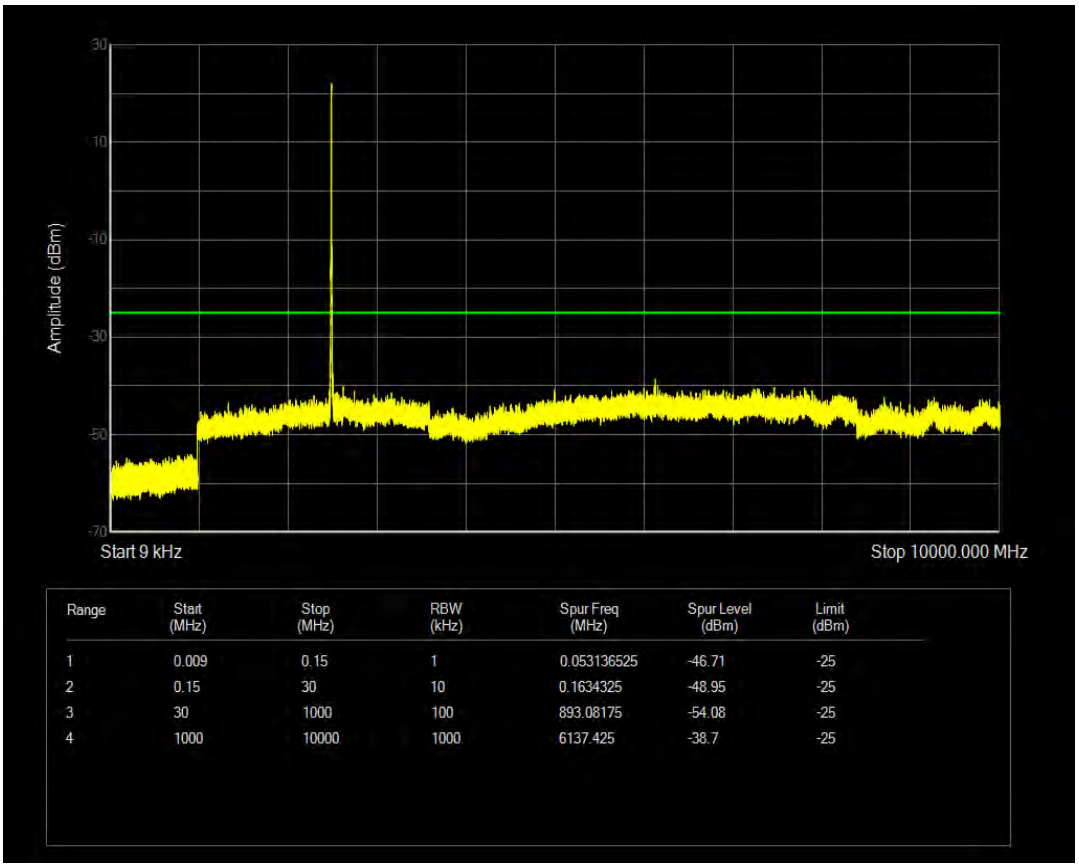
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-45.33	-13
2	0.15	30	10	0.158955	-49.47	-13
3	30	1000	100	878.38625	-54.37	-13
4	1000	10000	1000	5456.35	-40.75	-13

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



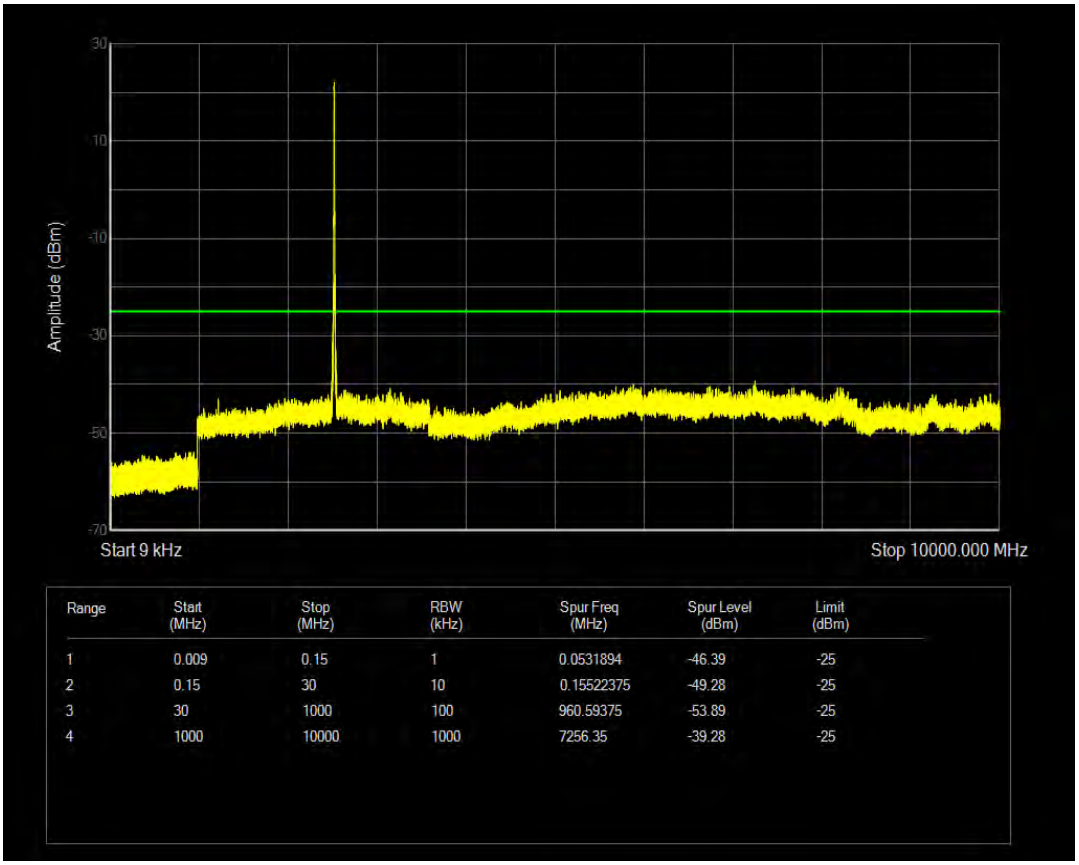
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053228175	-46.47	-25
2	0.15	30	10	0.1574625	-49.55	-25
3	30	1000	100	817.058	-53.11	-25
4	1000	10000	1000	5009.275	-39.29	-25

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



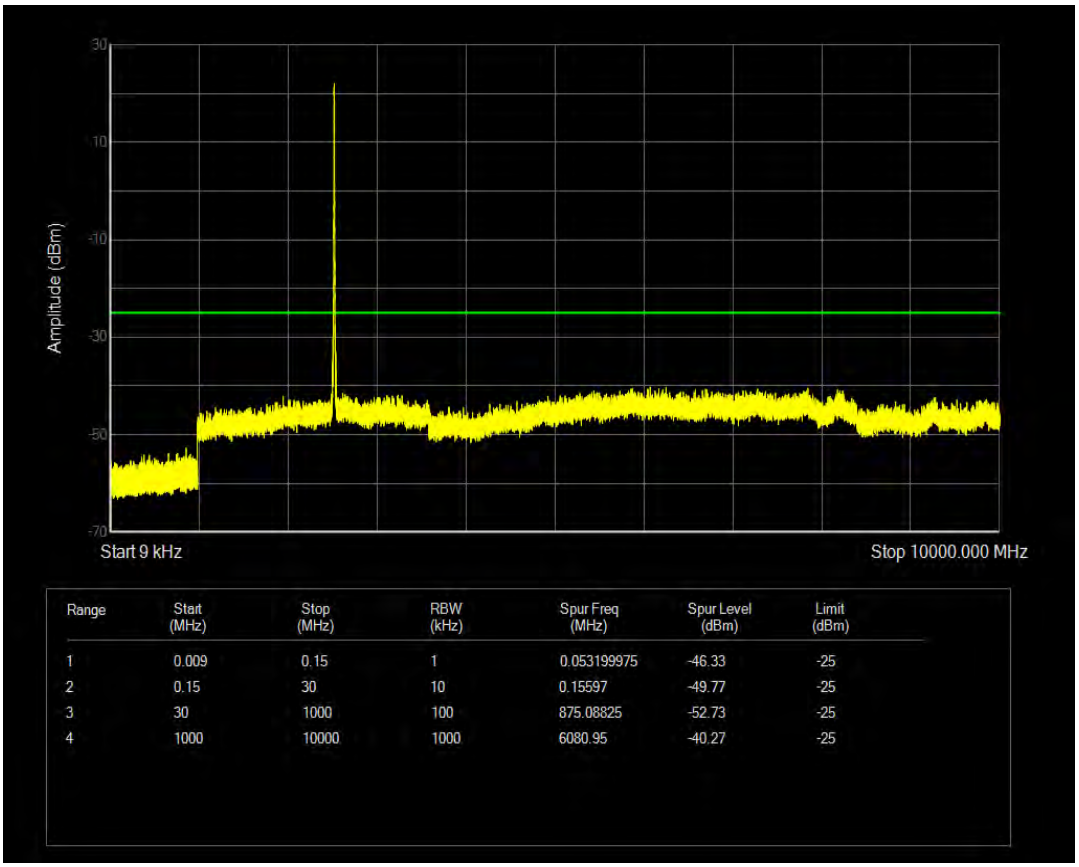
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053136525	-46.71	-25
2	0.15	30	10	0.1634325	-48.95	-25
3	30	1000	100	893.08175	-54.08	-25
4	1000	10000	1000	6137.425	-38.7	-25

Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



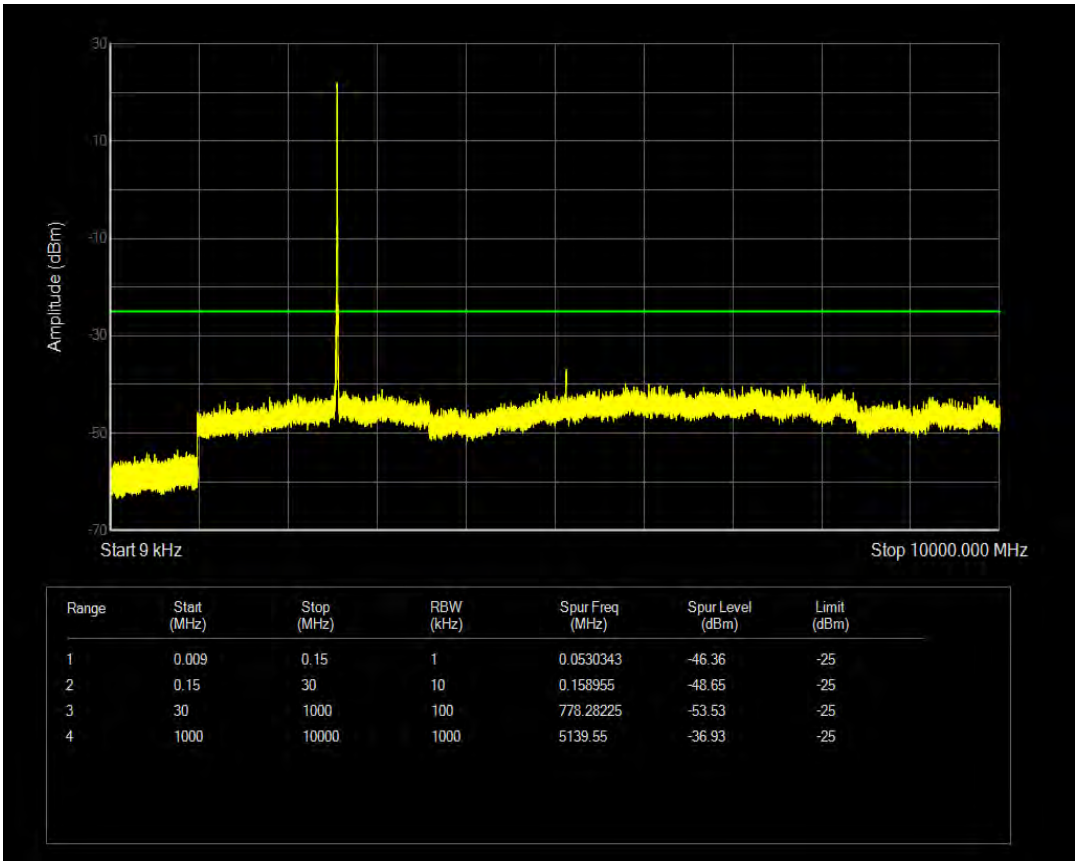
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531894	-46.39	-25
2	0.15	30	10	0.15522375	-49.28	-25
3	30	1000	100	960.59375	-53.89	-25
4	1000	10000	1000	7256.35	-39.28	-25

Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0



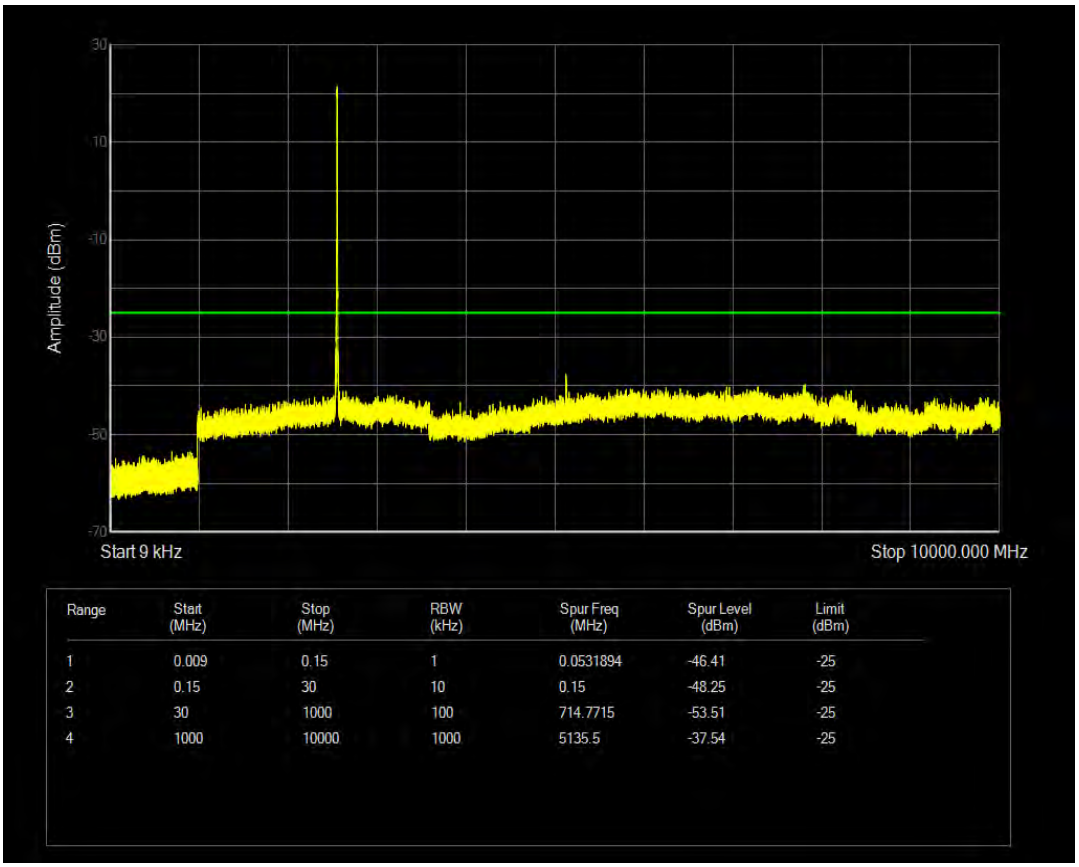
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053199975	-46.33	-25
2	0.15	30	10	0.15597	-49.77	-25
3	30	1000	100	875.08825	-52.73	-25
4	1000	10000	1000	6080.95	-40.27	-25

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



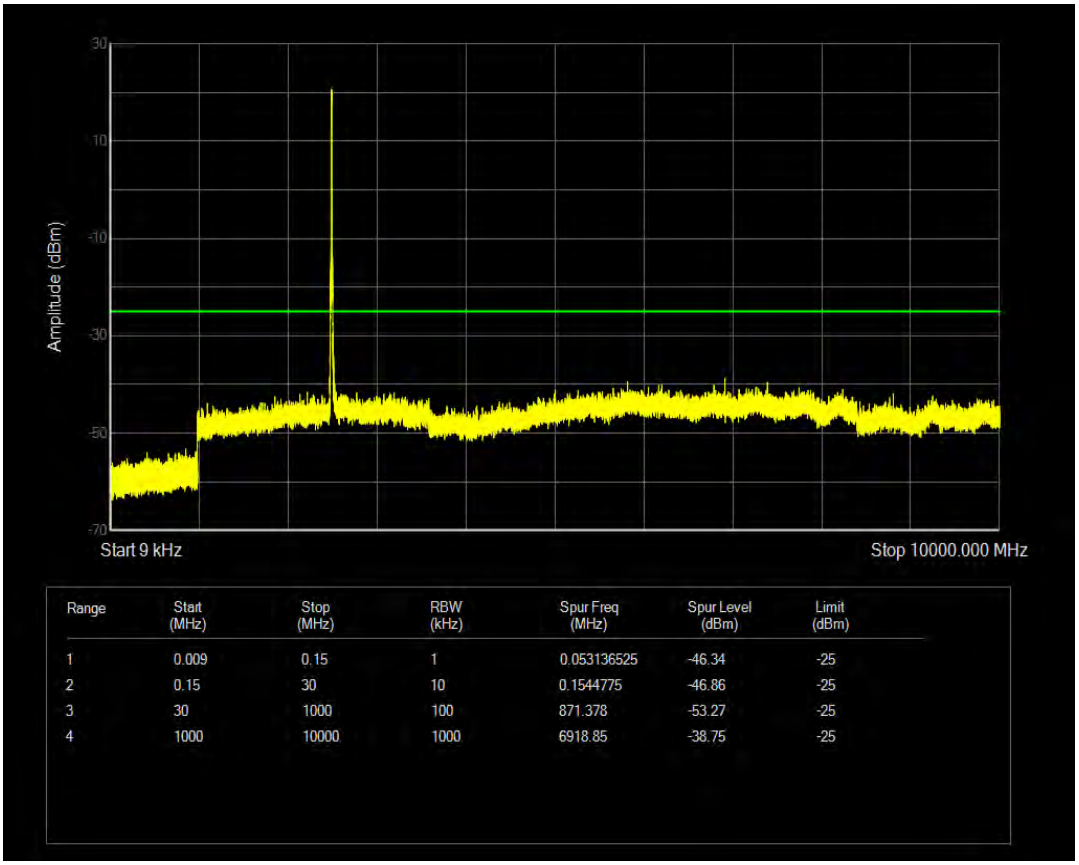
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530343	-46.36	-25
2	0.15	30	10	0.158955	-48.65	-25
3	30	1000	100	778.28225	-53.53	-25
4	1000	10000	1000	5139.55	-36.93	-25

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



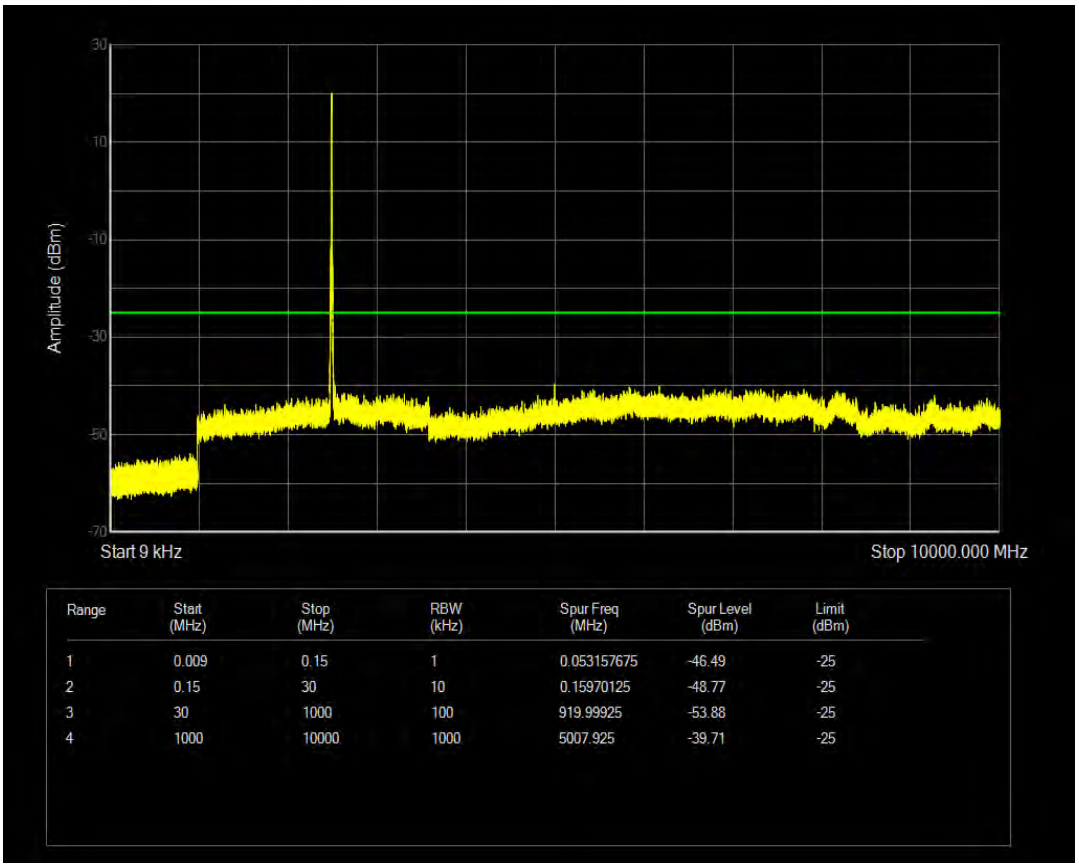
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531894	-46.41	-25
2	0.15	30	10	0.15	-48.25	-25
3	30	1000	100	714.7715	-53.51	-25
4	1000	10000	1000	5135.5	-37.54	-25

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



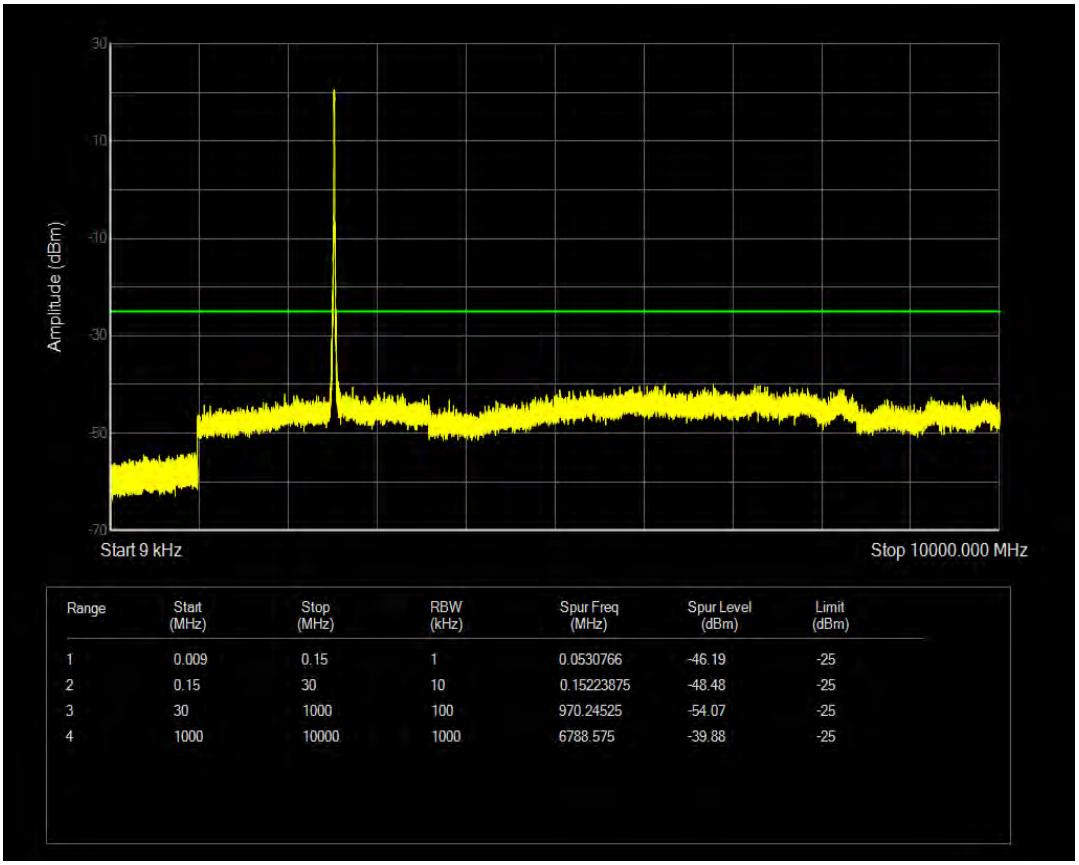
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053136525	-46.34	-25
2	0.15	30	10	0.1544775	-46.86	-25
3	30	1000	100	871.378	-53.27	-25
4	1000	10000	1000	6918.85	-38.75	-25

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



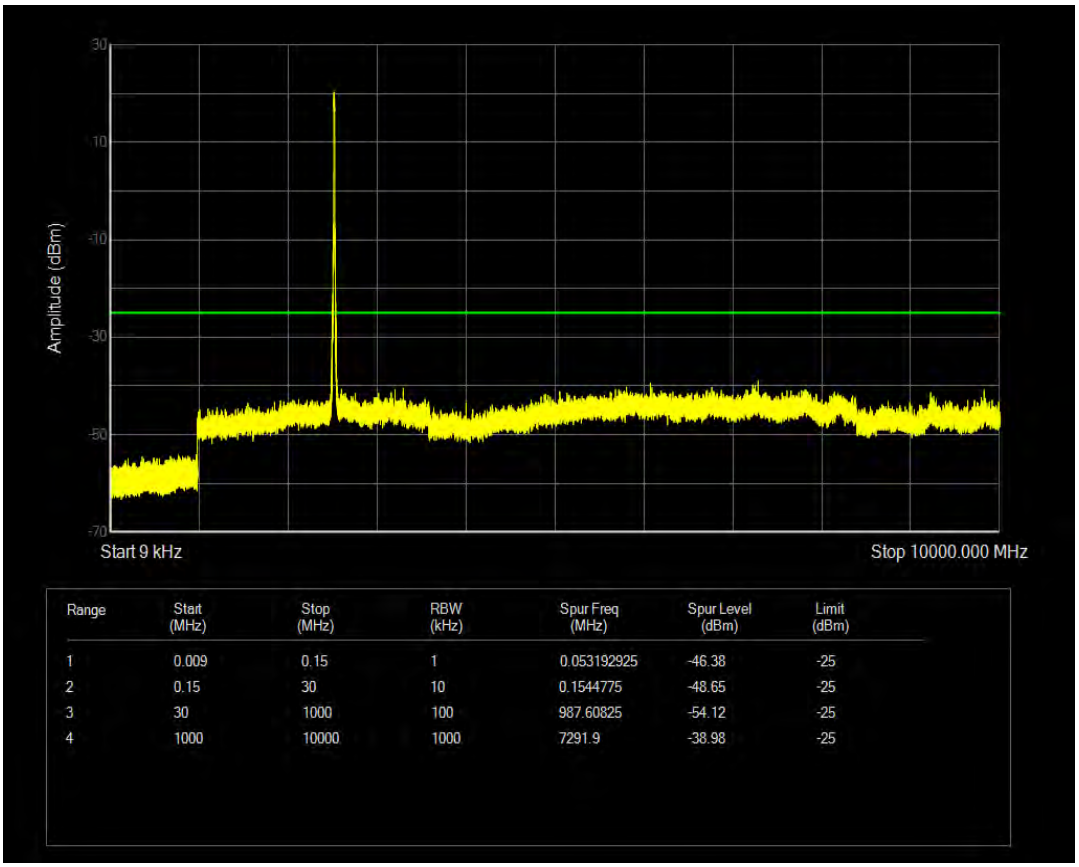
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053157675	-46.49	-25
2	0.15	30	10	0.15970125	-48.77	-25
3	30	1000	100	919.99925	-53.88	-25
4	1000	10000	1000	5007.925	-39.71	-25

Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



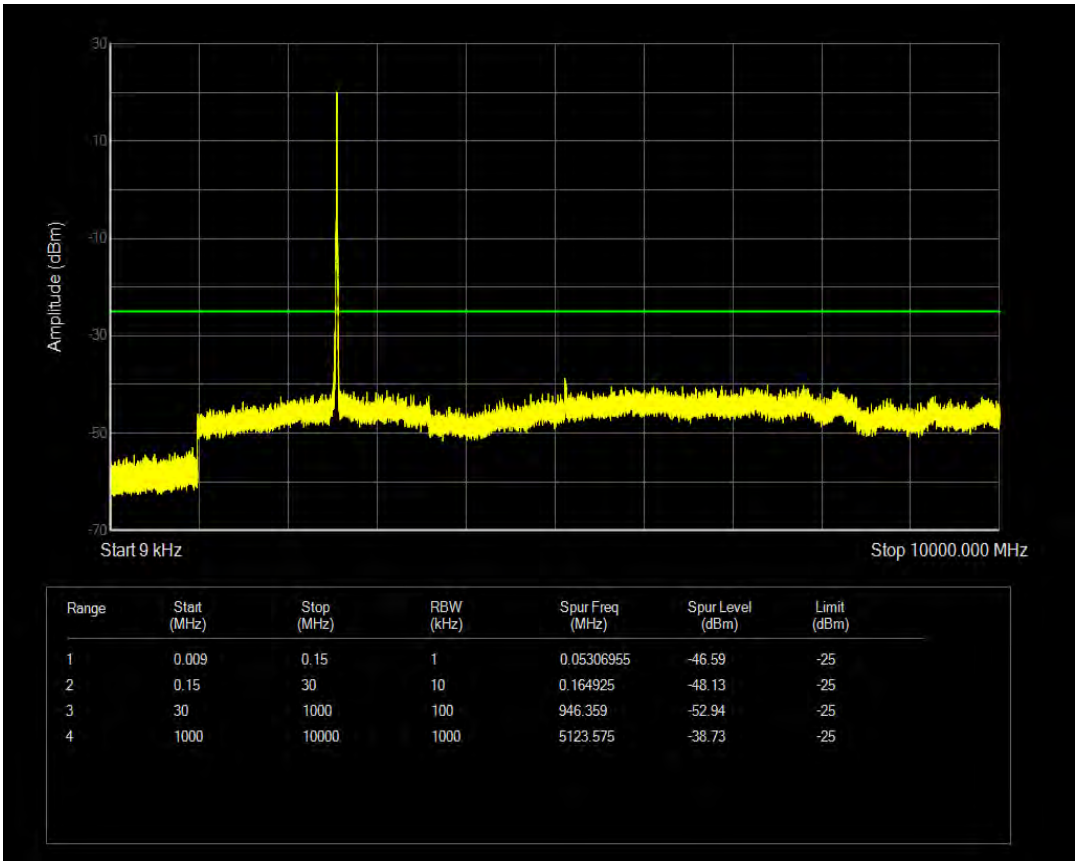
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530766	-46.19	-25
2	0.15	30	10	0.15223875	-48.48	-25
3	30	1000	100	970.24525	-54.07	-25
4	1000	10000	1000	6788.575	-39.88	-25

Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0



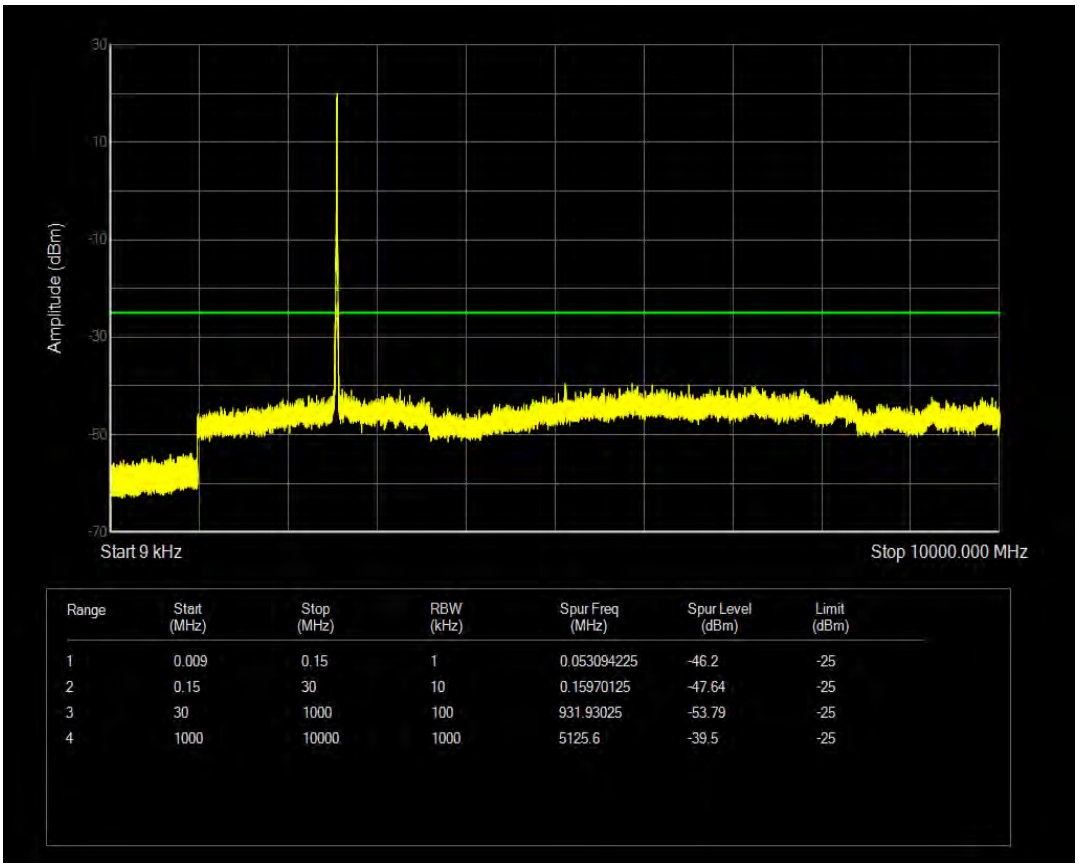
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053192925	-46.38	-25
2	0.15	30	10	0.1544775	-48.65	-25
3	30	1000	100	987.60825	-54.12	-25
4	1000	10000	1000	7291.9	-38.98	-25

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



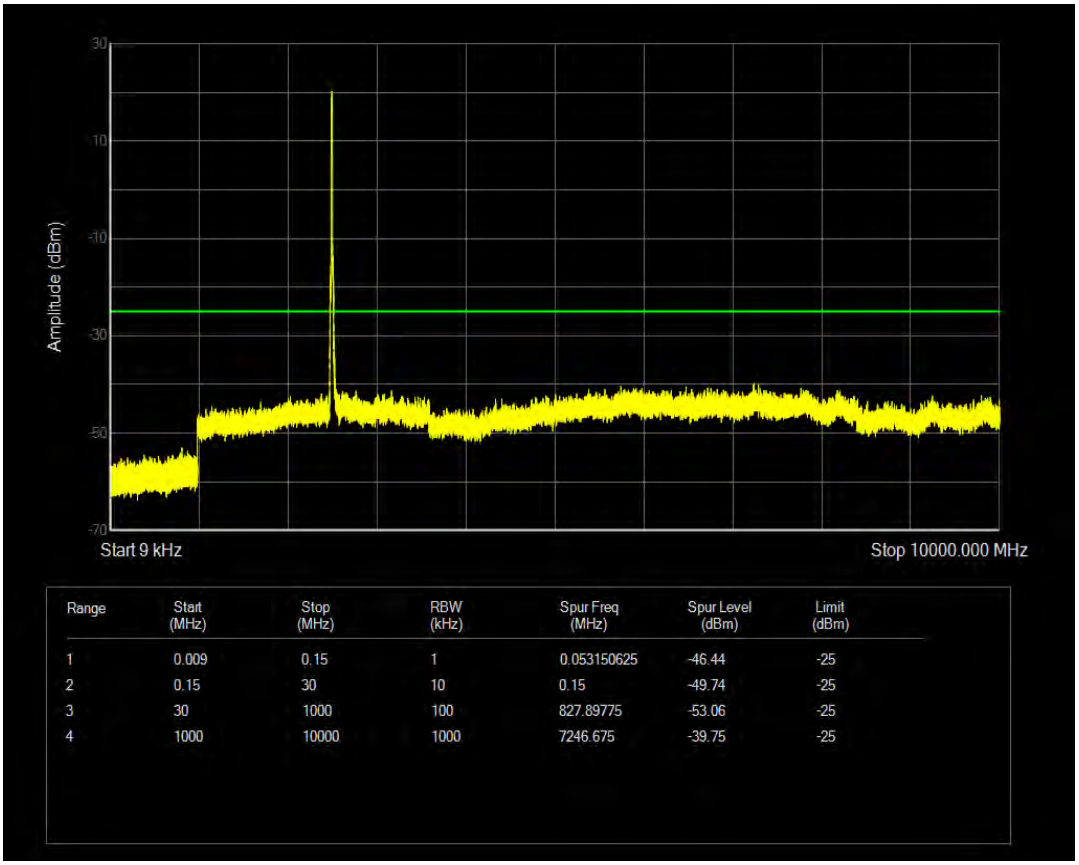
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05306955	-46.59	-25
2	0.15	30	10	0.164925	-48.13	-25
3	30	1000	100	946.359	-52.94	-25
4	1000	10000	1000	5123.575	-38.73	-25

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



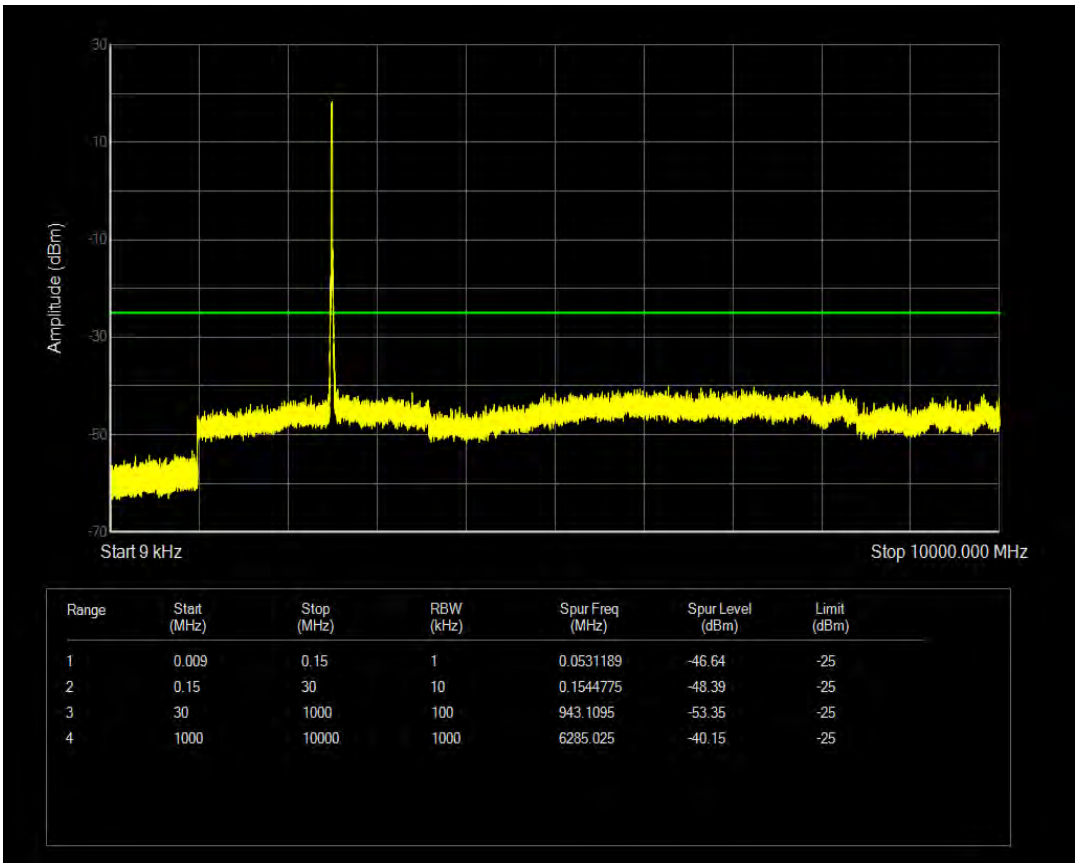
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053094225	-46.2	-25
2	0.15	30	10	0.15970125	-47.64	-25
3	30	1000	100	931.93025	-53.79	-25
4	1000	10000	1000	5125.6	-39.5	-25

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



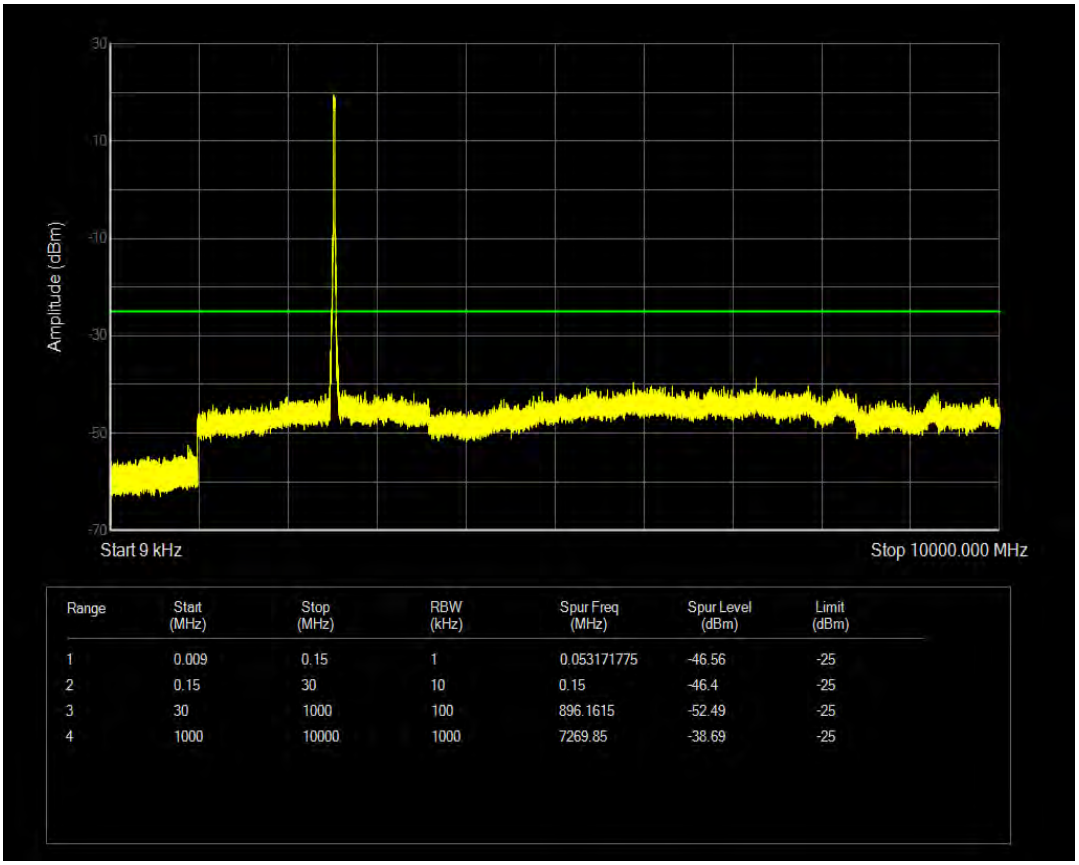
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053150625	-46.44	-25
2	0.15	30	10	0.15	-49.74	-25
3	30	1000	100	827.89775	-53.06	-25
4	1000	10000	1000	7246.675	-39.75	-25

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



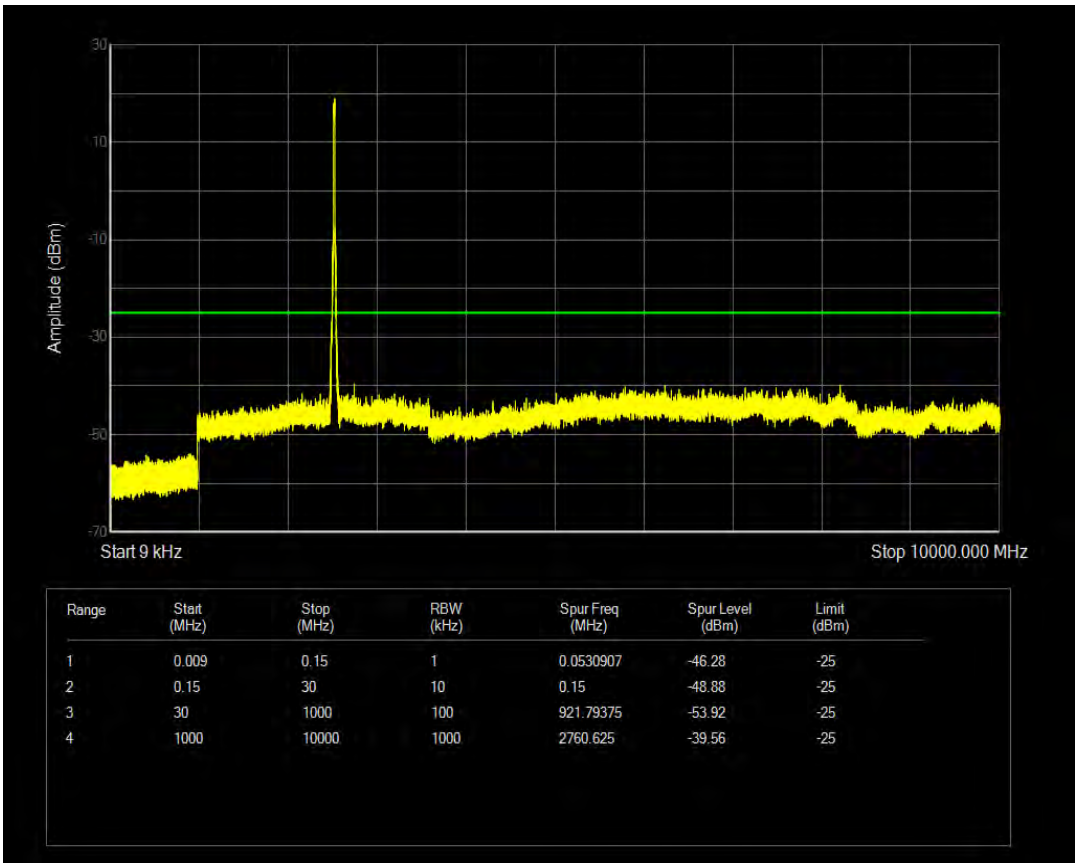
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0531189	-46.64	-25
2	0.15	30	10	0.1544775	-48.39	-25
3	30	1000	100	943.1095	-53.35	-25
4	1000	10000	1000	6285.025	-40.15	-25

Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



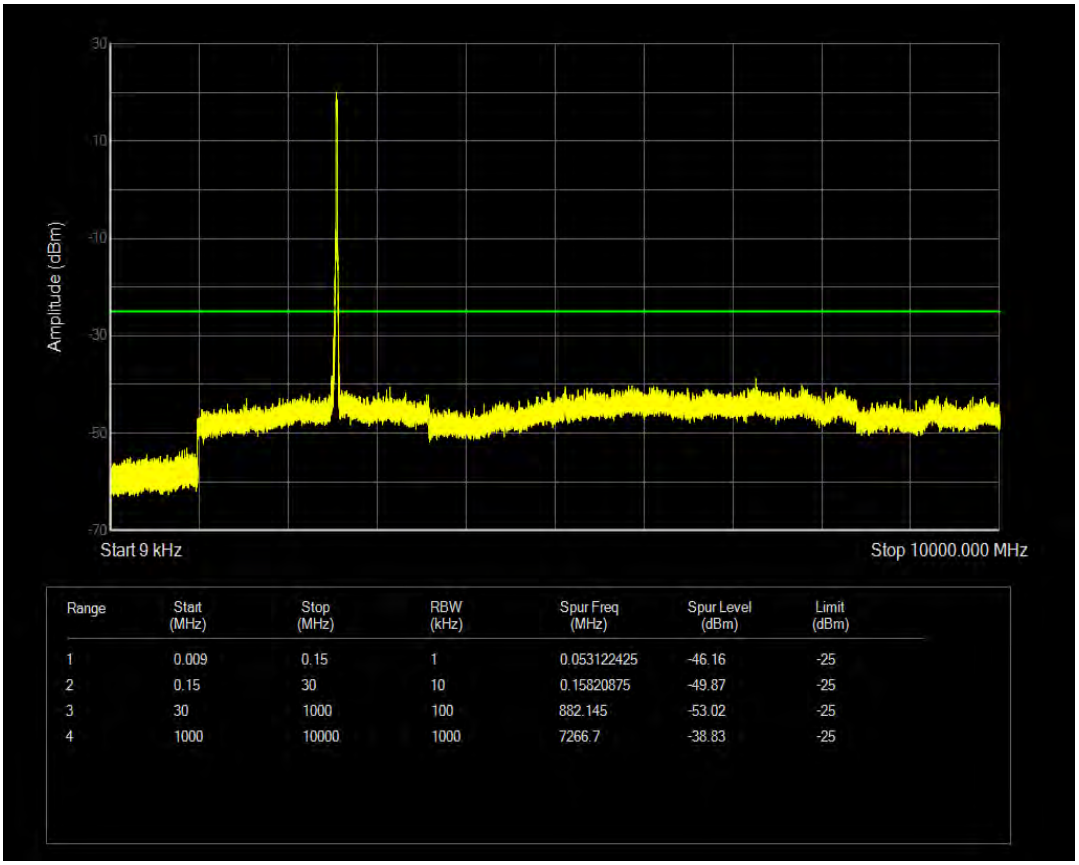
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-46.56	-25
2	0.15	30	10	0.15	-46.4	-25
3	30	1000	100	896.1615	-52.49	-25
4	1000	10000	1000	7269.85	-38.69	-25

Band7 QAM16 BW=15MHz Channel=21100 RB Size=75 Position=#0



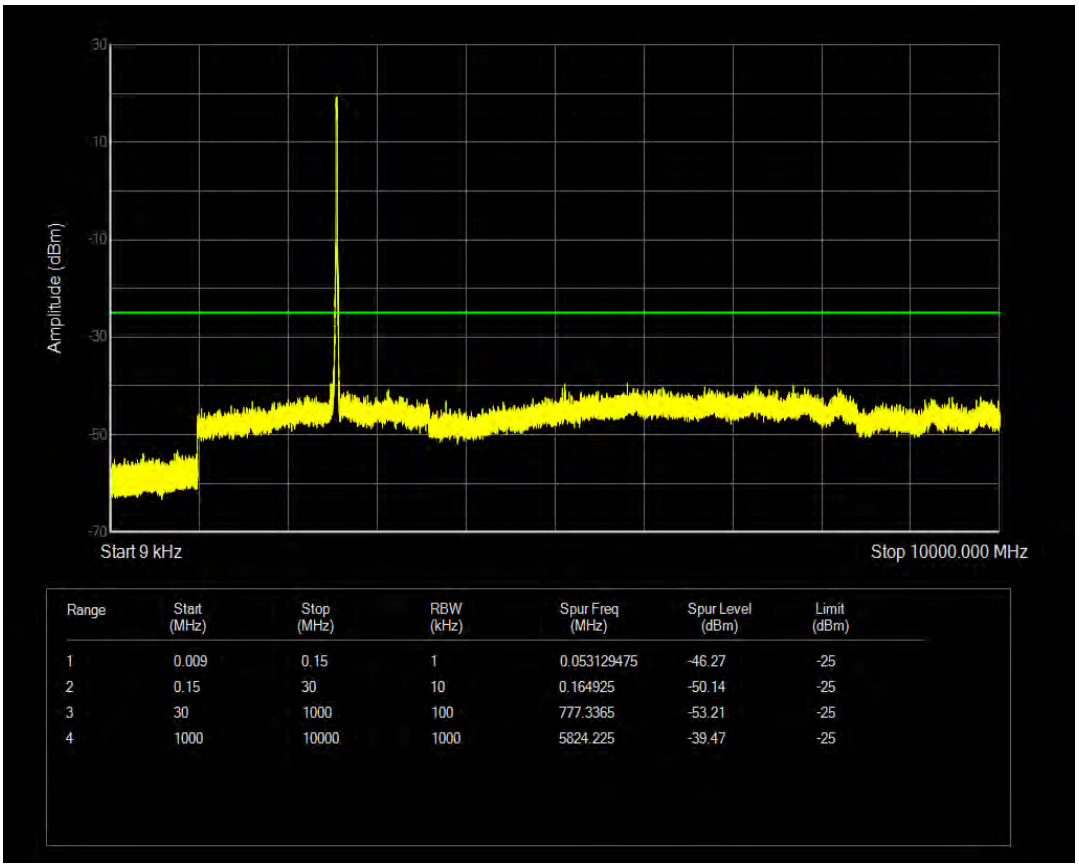
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0530907	-46.28	-25
2	0.15	30	10	0.15	-48.88	-25
3	30	1000	100	921.79375	-53.92	-25
4	1000	10000	1000	2760.625	-39.56	-25

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



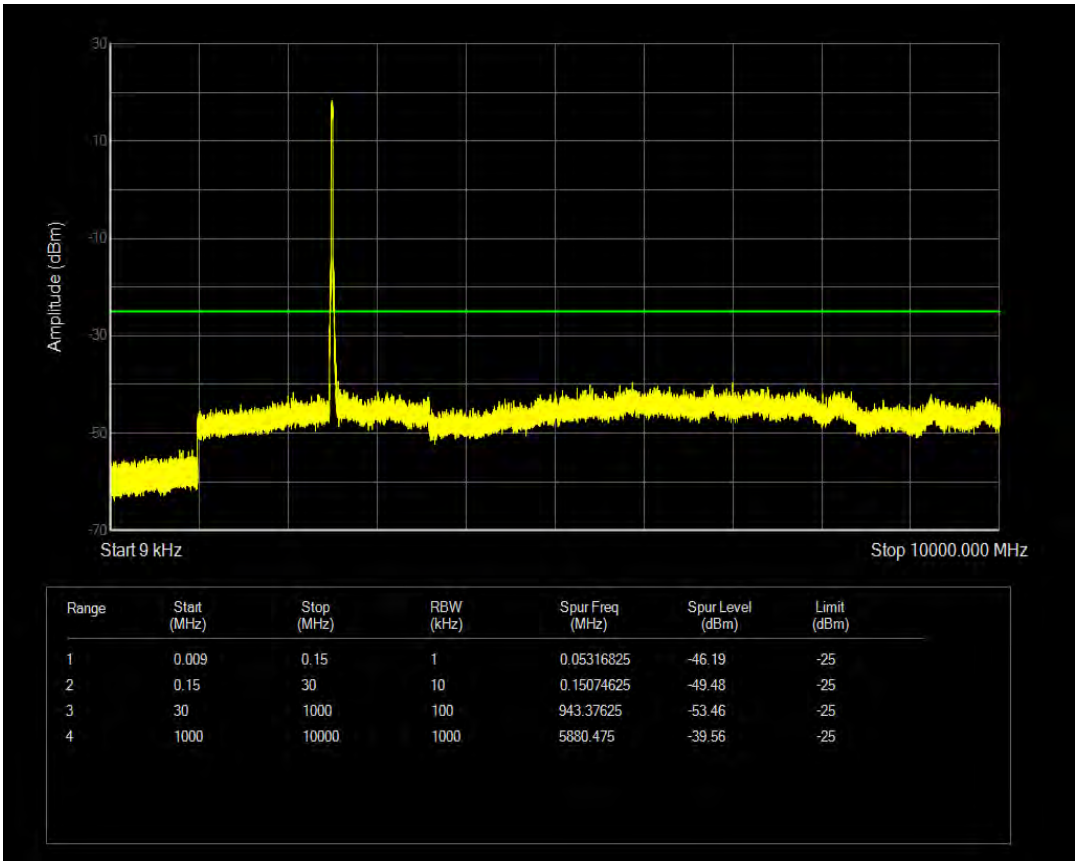
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053122425	-46.16	-25
2	0.15	30	10	0.15820875	-49.87	-25
3	30	1000	100	882.145	-53.02	-25
4	1000	10000	1000	7266.7	-38.83	-25

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



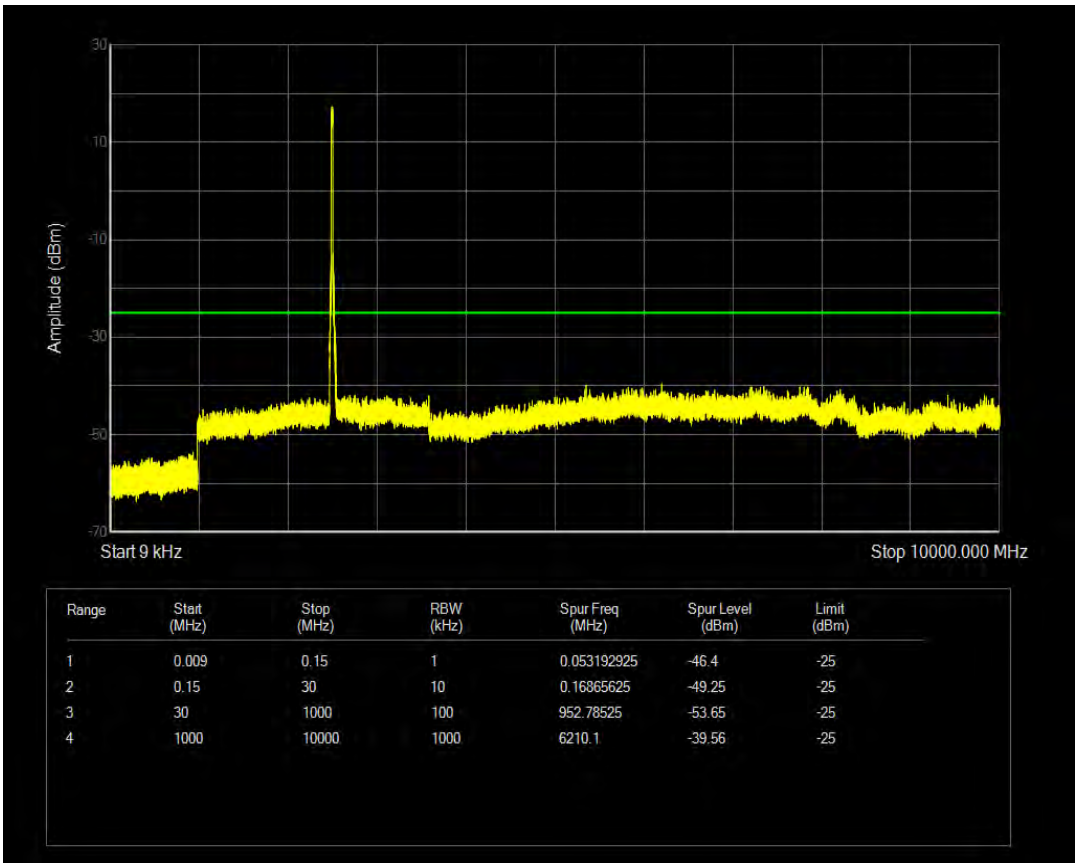
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053129475	-46.27	-25
2	0.15	30	10	0.164925	-50.14	-25
3	30	1000	100	777.3365	-53.21	-25
4	1000	10000	1000	5824.225	-39.47	-25

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



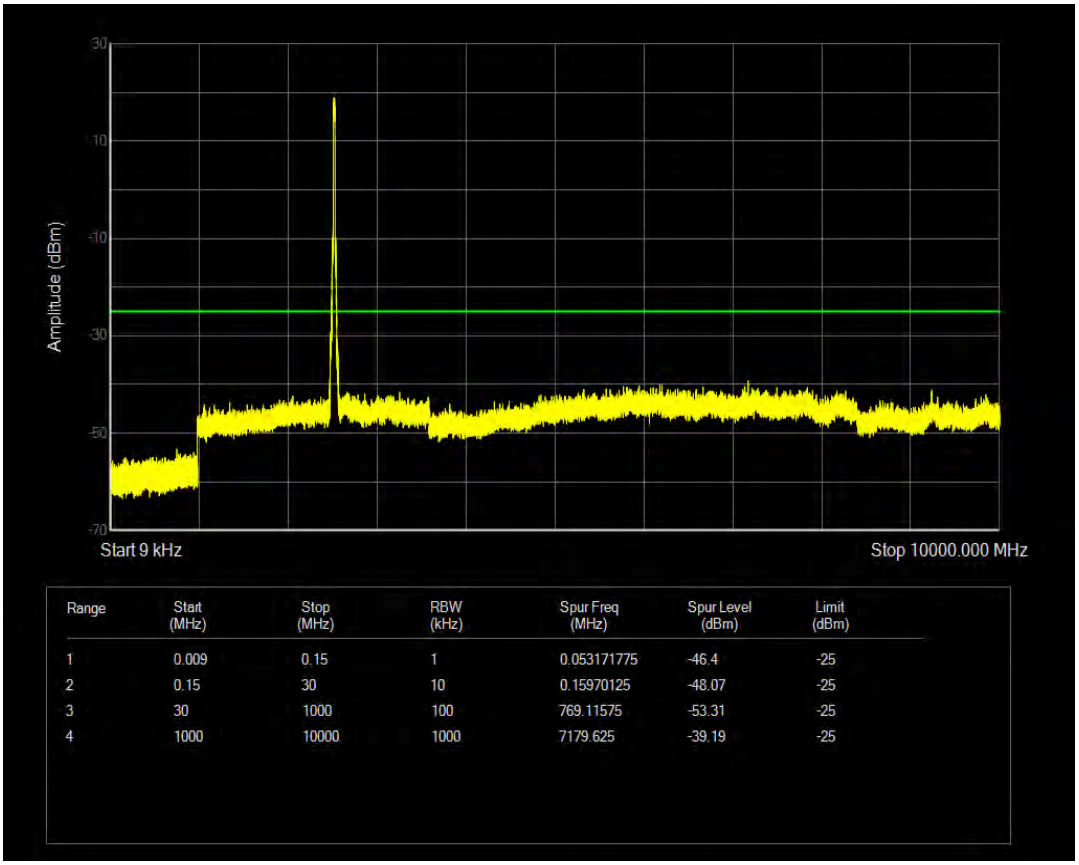
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05316825	-46.19	-25
2	0.15	30	10	0.15074625	-49.48	-25
3	30	1000	100	943.37625	-53.46	-25
4	1000	10000	1000	5880.475	-39.56	-25

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



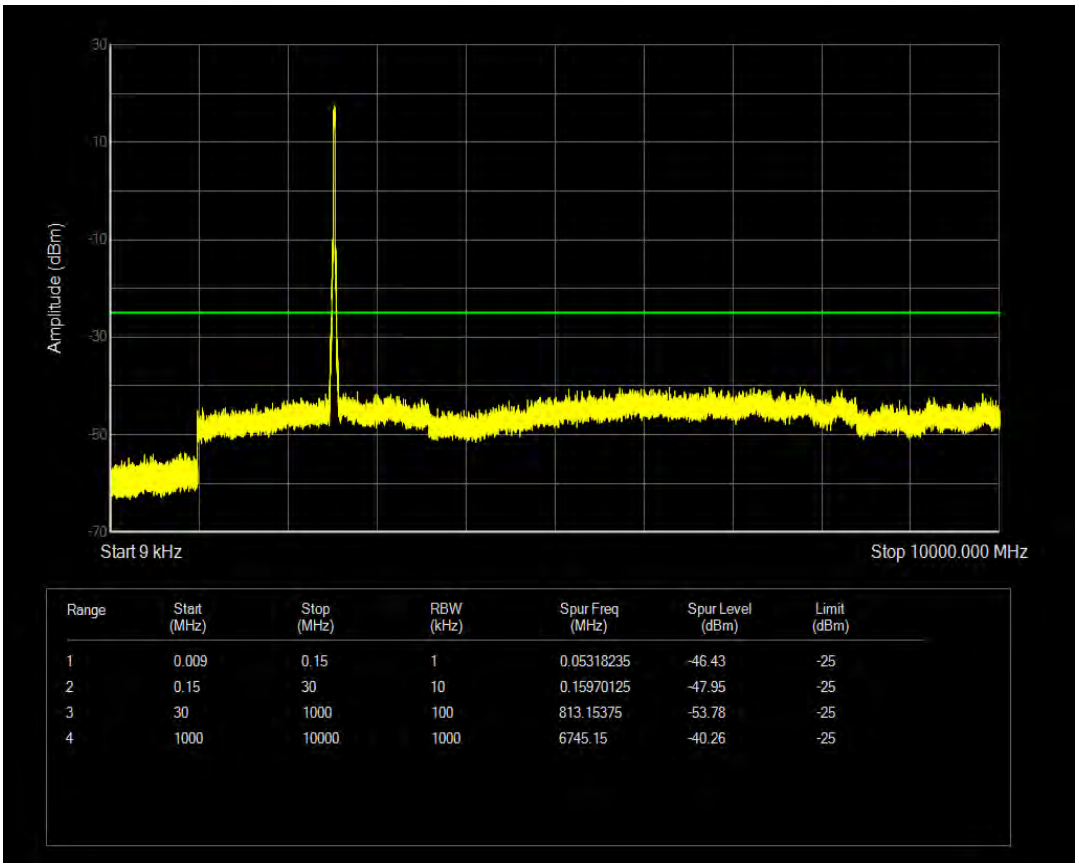
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053192925	-46.4	-25
2	0.15	30	10	0.16865625	-49.25	-25
3	30	1000	100	952.78525	-53.65	-25
4	1000	10000	1000	6210.1	-39.56	-25

Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



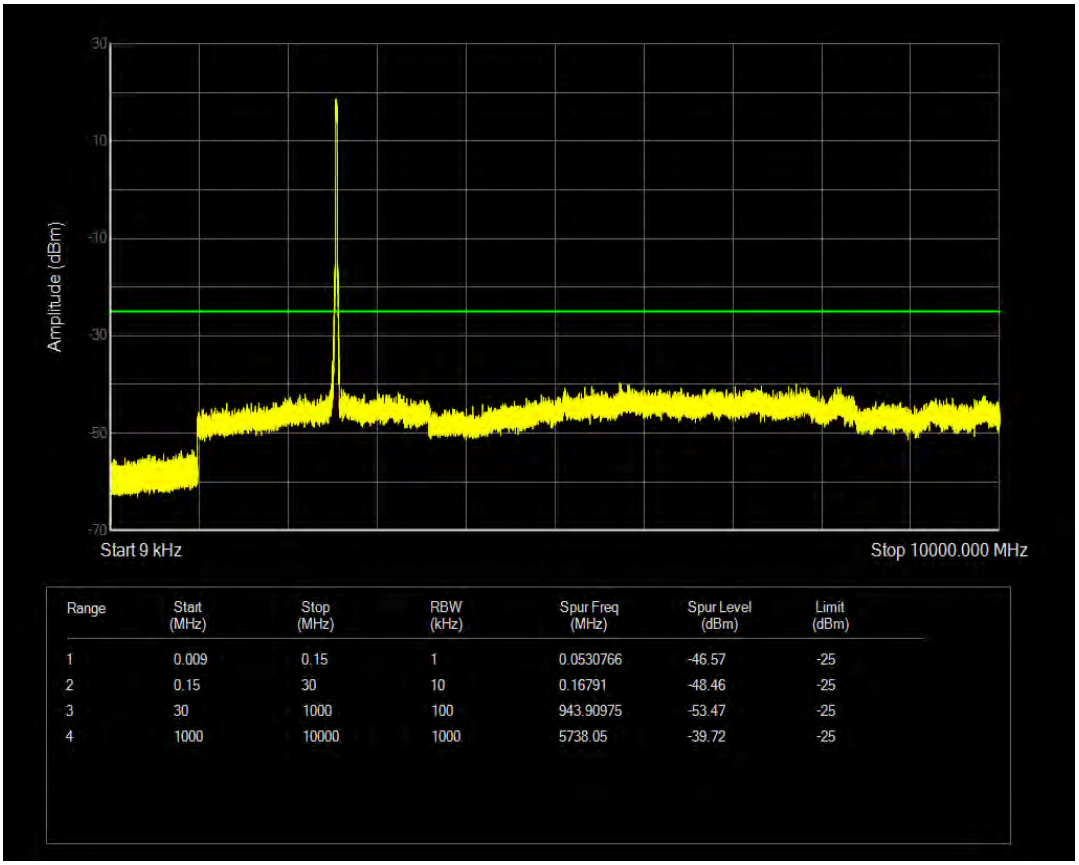
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.053171775	-46.4	-25
2	0.15	30	10	0.15970125	-48.07	-25
3	30	1000	100	769.11575	-53.31	-25
4	1000	10000	1000	7179.625	-39.19	-25

Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0



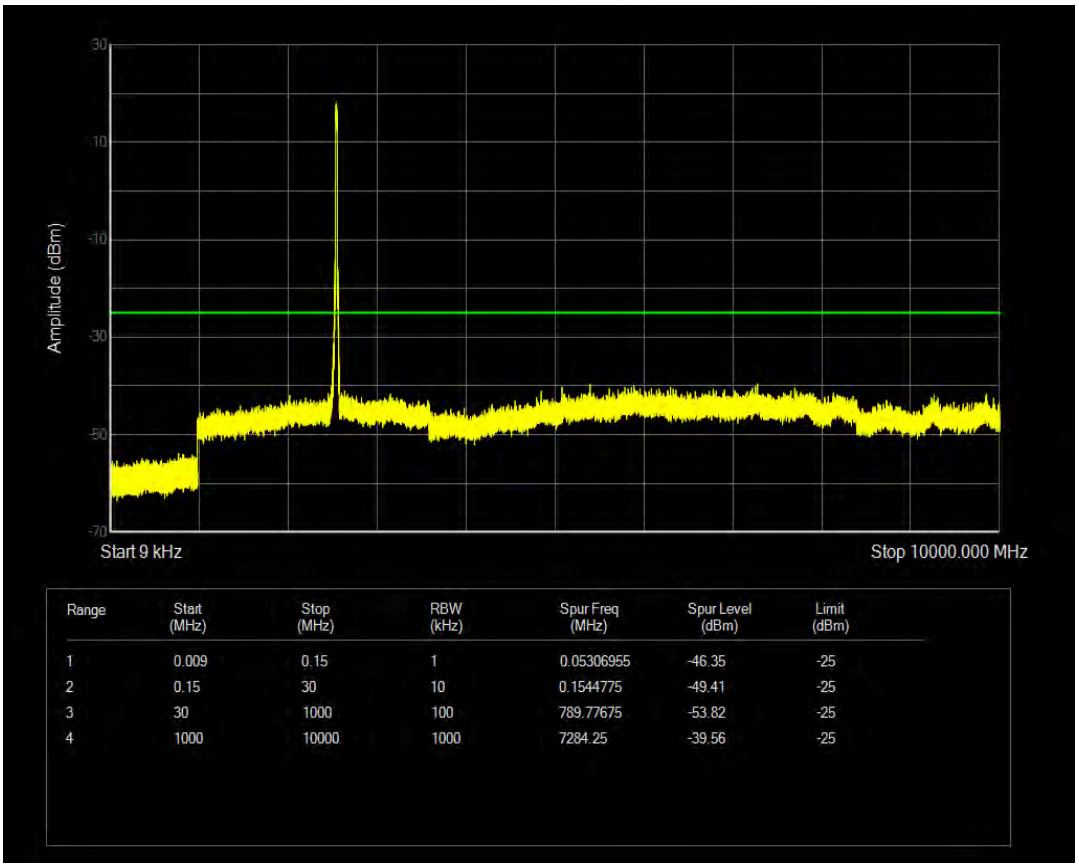
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.05318235	-46.43	-25
2	0.15	30	10	0.15970125	-47.95	-25
3	30	1000	100	813.15375	-53.78	-25
4	1000	10000	1000	6745.15	-40.26	-25

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	0.009	0.15	1	0.0530766	-46.57	-25
2	0.15	30	10	0.16791	-48.46	-25
3	30	1000	100	943.90975	-53.47	-25
4	1000	10000	1000	5738.05	-39.72	-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	0.009	0.15	1	0.05306955	-46.35	-25
2	0.15	30	10	0.1544775	-49.41	-25
3	30	1000	100	789.77675	-53.82	-25
4	1000	10000	1000	7284.25	-39.56	-25