

TABLE OF CONTENTS

<i>01 Conducted output power for inter-band CA</i>	<i>2</i>
<i>06 Out-of-band emissions for inter-band CA.....</i>	<i>4</i>

01 Conducted output power for inter-band CA

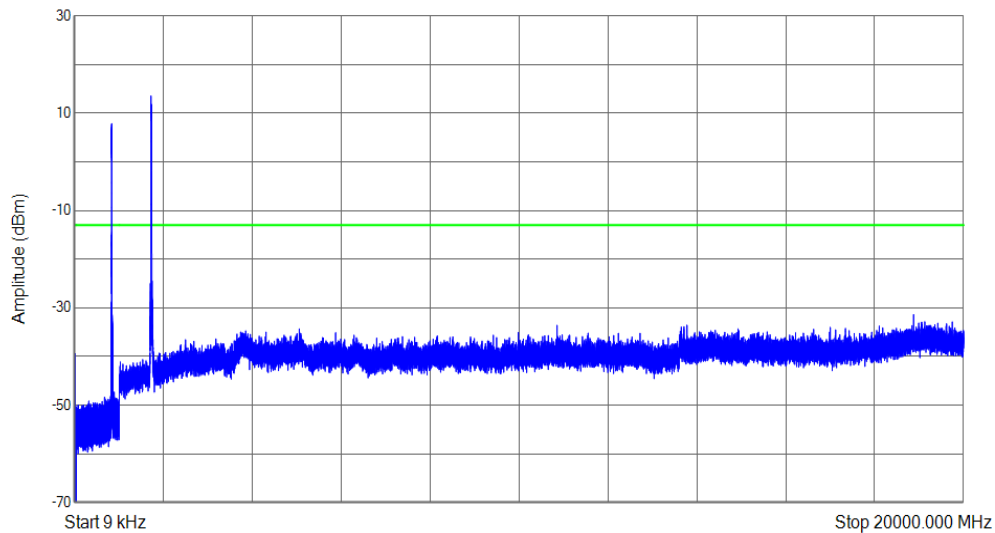
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-5 A	5	197 5	1@0	5	242 5	1@2 4	QPSK	18.21	0	18.21	66.16	2000	PASS
4A-5 A	5	197 5	1@24	5	242 5	1@0	QPSK	17.97	0	17.97	62.66	2000	PASS
4A-5 A	5	197 5	25@0	5	242 5	25@ 0	QPSK	18.10	0	18.10	64.53	2000	PASS
4A-5 A	5	197 5	1@0	5	242 5	1@2 4	16QAM	18.49	0	18.49	70.66	2000	PASS
4A-5 A	5	197 5	1@24	5	242 5	1@0	16QAM	18.26	0	18.26	66.92	2000	PASS
4A-5 A	5	197 5	25@0	5	242 5	25@ 0	16QAM	18.05	0	18.05	63.81	2000	PASS
4A-5 A	5	237 5	1@0	5	262 5	1@2 4	QPSK	21.12	0	21.12	129.2 8	2000	PASS
4A-5 A	5	237 5	1@24	5	262 5	1@0	QPSK	21.17	0	21.17	130.9 0	2000	PASS
4A-5 A	5	237 5	25@0	5	262 5	25@ 0	QPSK	21.10	0	21.10	128.7 1	2000	PASS
4A-5 A	5	237 5	1@0	5	262 5	1@2 4	16QAM	20.97	0	20.97	125.1 2	2000	PASS
4A-5 A	5	237 5	1@24	5	262 5	1@0	16QAM	21.02	0	21.02	126.4 4	2000	PASS
4A-5 A	5	237 5	25@0	5	262 5	25@ 0	16QAM	21.09	0	21.09	128.5 4	2000	PASS
4A-5 A	20	205 0	1@0	10	245 0	1@4 9	QPSK	21.04	0	21.04	127.11	2000	PASS
4A-5 A	20	205 0	1@99	10	245 0	1@0	QPSK	20.72	0	20.72	118.16	2000	PASS
4A-5 A	20	205 0	100@ 0	10	245 0	50@ 0	QPSK	20.73	0	20.73	118.31	2000	PASS
4A-5 A	20	205 0	1@0	10	245 0	1@4 9	16QAM	20.80	0	20.80	120.2 9	2000	PASS
4A-5 A	20	205 0	1@99	10	245 0	1@0	16QAM	20.52	0	20.52	112.80	2000	PASS
4A-5 A	20	205 0	100@ 0	10	245 0	50@ 0	16QAM	20.76	0	20.76	119.00	2000	PASS
4A-5	20	230	1@0	10	260	1@4	QPSK	20.88	0	20.88	122.5	2000	PASS

A		0			0	9					2		
4A-5	20	230	1@99	10	260	1@0	QPSK	21.08	0	21.08	128.3	2000	PASS
A		0			0						5		
4A-5	20	230	100@	10	260	50@	QPSK	20.87	0	20.87	122.0	2000	PASS
A		0	0		0	0					5		
4A-5	20	230	1@0	10	260	1@4	16QAM	20.63	0	20.63	115.65	2000	PASS
A		0			0	9							
4A-5	20	230	1@99	10	260	1@0	16QAM	20.82	0	20.82	120.7	2000	PASS
A		0			0						9		
4A-5	20	230	100@	10	260	50@	16QAM	20.89	0	20.89	122.6	2000	PASS
A		0	0		0	0					2		

06 Out-of-band emissions for inter-band CA

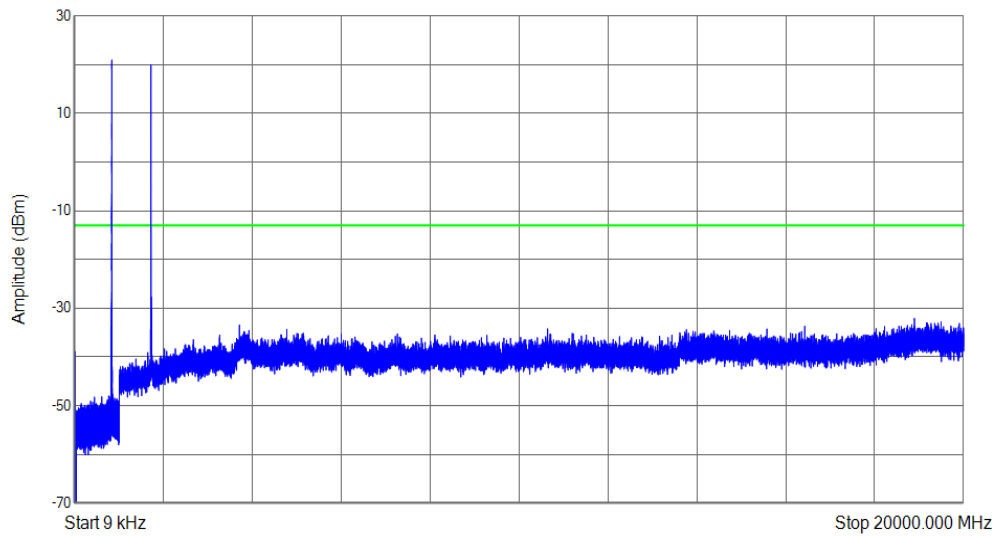
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-5A	5	1975	1@0	5	2425	1@24	QPSK	19252.03	-32.31	-13	PASS
4A-5A	5	1975	25@0	5	2425	25@0	QPSK	19040.50	-31.74	-13	PASS
4A-5A	5	1975	1@0	5	2425	1@24	16QAM	19615.57	-32.06	-13	PASS
4A-5A	5	1975	25@0	5	2425	25@0	16QAM	19139.93	-32.95	-13	PASS
4A-5A	5	2375	1@0	5	2625	1@24	QPSK	19369.83	-32.33	-13	PASS
4A-5A	5	2375	25@0	5	2625	25@0	QPSK	19068.37	-32.59	-13	PASS
4A-5A	5	2375	1@0	5	2625	1@24	16QAM	19300.80	-32.60	-13	PASS
4A-5A	5	2375	25@0	5	2625	25@0	16QAM	19000.60	-32.15	-13	PASS
4A-5A	20	2050	1@0	10	2450	1@49	QPSK	19785.30	-31.44	-13	PASS
4A-5A	20	2050	100@0	10	2450	50@0	QPSK	3761.97	-32.14	-13	PASS
4A-5A	20	2050	1@0	10	2450	1@49	16QAM	18892.93	-32.11	-13	PASS
4A-5A	20	2050	100@0	10	2450	50@0	16QAM	18875.20	-31.39	-13	PASS
4A-5A	20	2300	1@0	10	2600	1@49	QPSK	18853.67	-32.64	-13	PASS
4A-5A	20	2300	100@0	10	2600	50@0	QPSK	19089.90	-32.82	-13	PASS
4A-5A	20	2300	1@0	10	2600	1@49	16QAM	19716.90	-32.65	-13	PASS
4A-5A	20	2300	100@0	10	2600	50@0	16QAM	19269.13	-31.66	-13	PASS

4A-5A 16QAM PCC BW=20MHz Ch=2050 RB=100@0,SCC BW=10MHz Ch=2450 RB=50@0



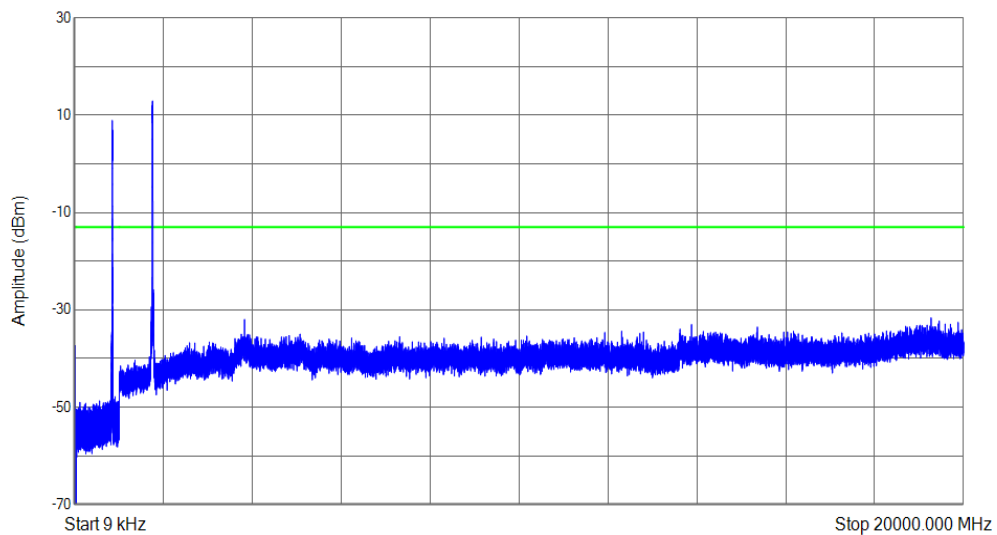
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.47	-13
2	0.15	30	10	0.15	-50.35	-13
3	30	1000	100	667.58	-48.37	-13
4	1000	20000	1000	18875.2	-31.39	-13

4A-5A 16QAM PCC BW=20MHz Ch=2050 RB=1@0,SCC BW=10MHz Ch=2450 RB=1@49



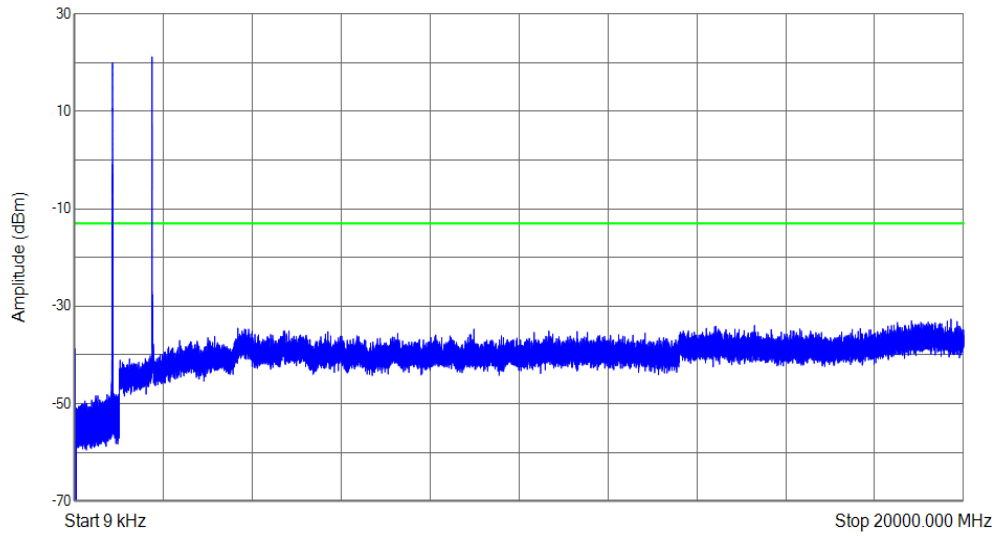
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.96	-13
2	0.15	30	10	0.16	-46.77	-13
3	30	1000	100	760.83	-48	-13
4	1000	20000	1000	18892.93	-32.11	-13

4A-5A 16QAM PCC BW=20MHz Ch=2300 RB=100@0,SCC BW=10MHz Ch=2600 RB=50@0



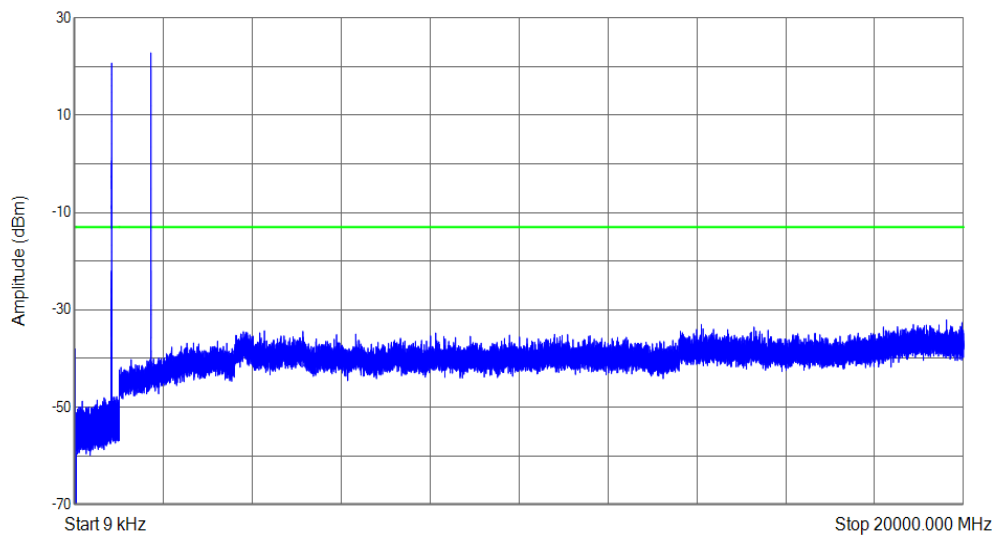
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.42	-13
2	0.15	30	10	0.15	-49.44	-13
3	30	1000	100	906.33	-47.85	-13
4	1000	20000	1000	19269.13	-31.66	-13

4A-5A 16QAM PCC BW=20MHz Ch=2300 RB=1@0,SCC BW=10MHz Ch=2600 RB=1@49



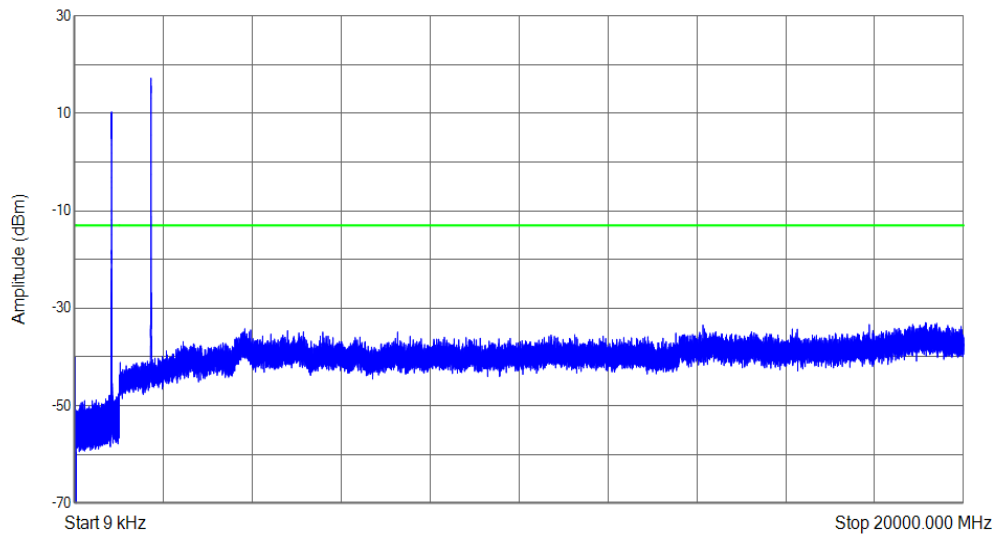
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.8	-13
2	0.15	30	10	0.16	-49.65	-13
3	30	1000	100	985.29	-48.09	-13
4	1000	20000	1000	19716.9	-32.65	-13

4A-5A 16QAM PCC BW=5MHz Ch=1975 RB=1@0,SCC BW=5MHz Ch=2425 RB=1@24



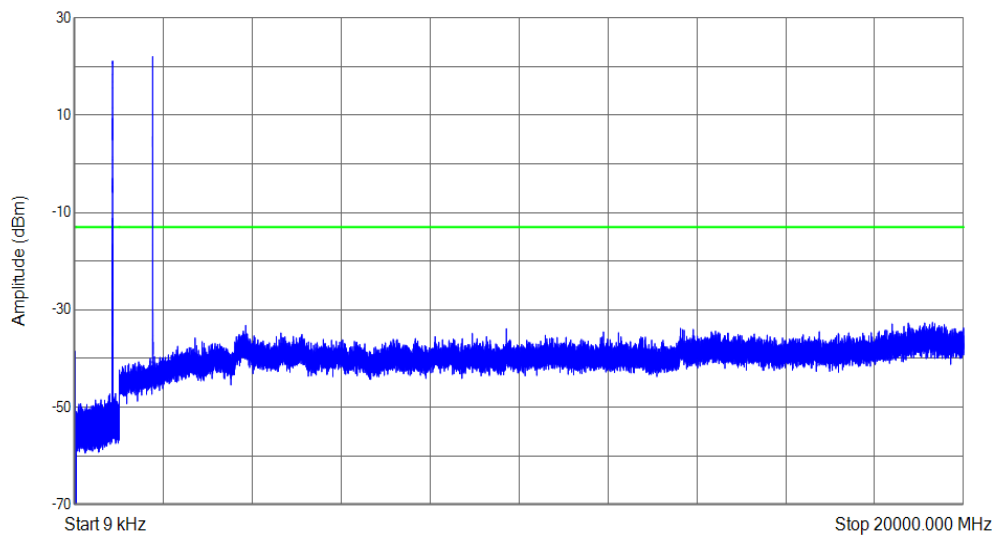
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.12	-13
2	0.15	30	10	0.15	-50.71	-13
3	30	1000	100	942.16	-47.85	-13
4	1000	20000	1000	19615.57	-32.06	-13

4A-5A 16QAM PCC BW=5MHz Ch=1975 RB=25@0,SCC BW=5MHz Ch=2425 RB=25@0



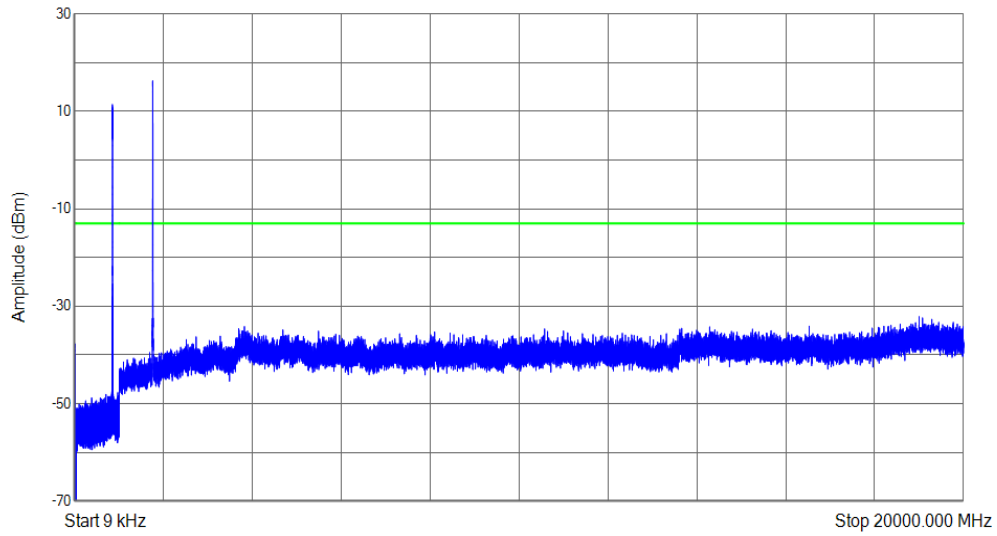
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-40.11	-13
2	0.15	30	10	0.15	-50.11	-13
3	30	1000	100	980.73	-47.57	-13
4	1000	20000	1000	19139.93	-32.95	-13

4A-5A 16QAM PCC BW=5MHz Ch=2375 RB=1@0,SCC BW=5MHz Ch=2625 RB=1@24



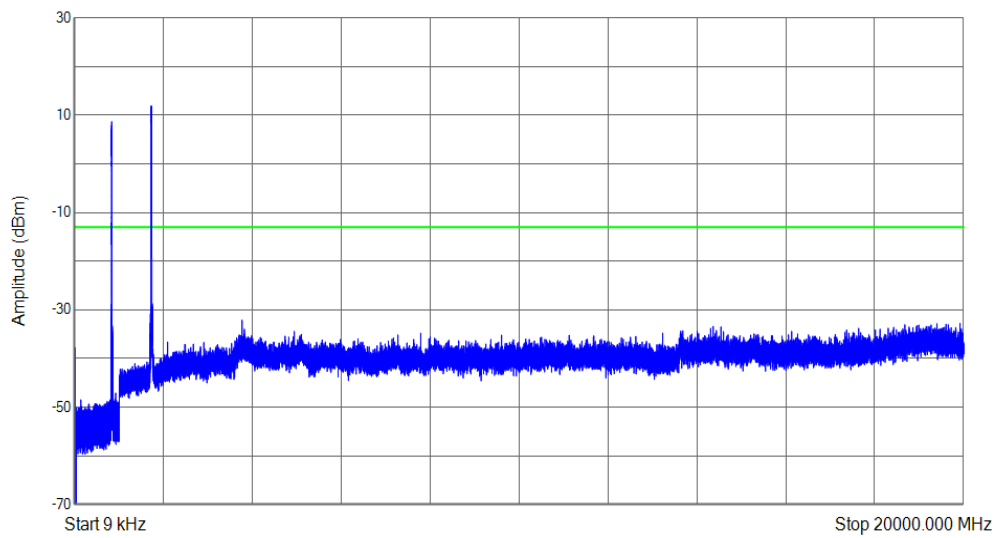
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.61	-13
2	0.15	30	10	0.16	-49.32	-13
3	30	1000	100	913.73	-47.2	-13
4	1000	20000	1000	19300.8	-32.6	-13

4A-5A 16QAM PCC BW=5MHz Ch=2375 RB=25@0,SCC BW=5MHz Ch=2625 RB=25@0



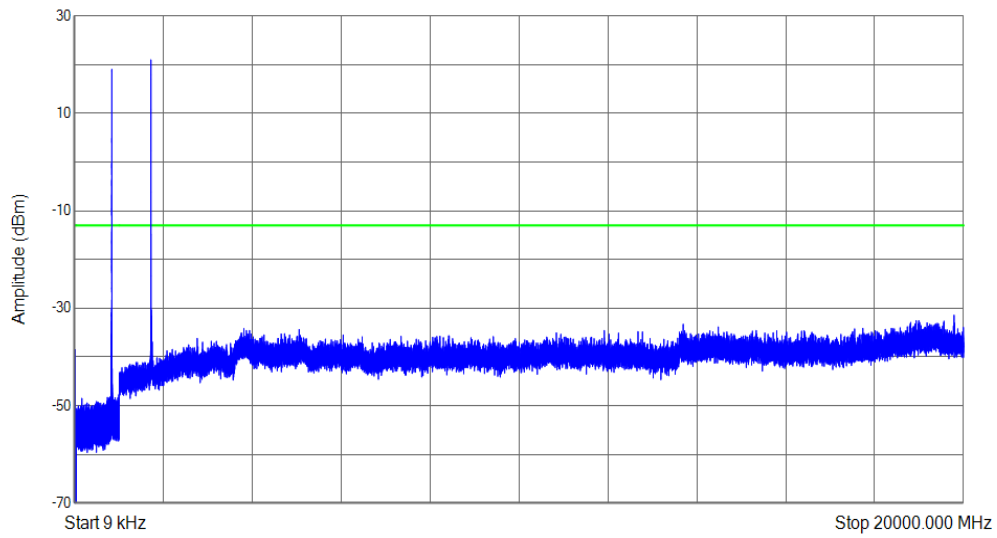
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.76	-13
2	0.15	30	10	0.15	-49.83	-13
3	30	1000	100	966.08	-47.73	-13
4	1000	20000	1000	19000.6	-32.15	-13

4A-5A QPSK PCC BW=20MHz Ch=2050 RB=100@0,SCC BW=10MHz Ch=2450 RB=50@0



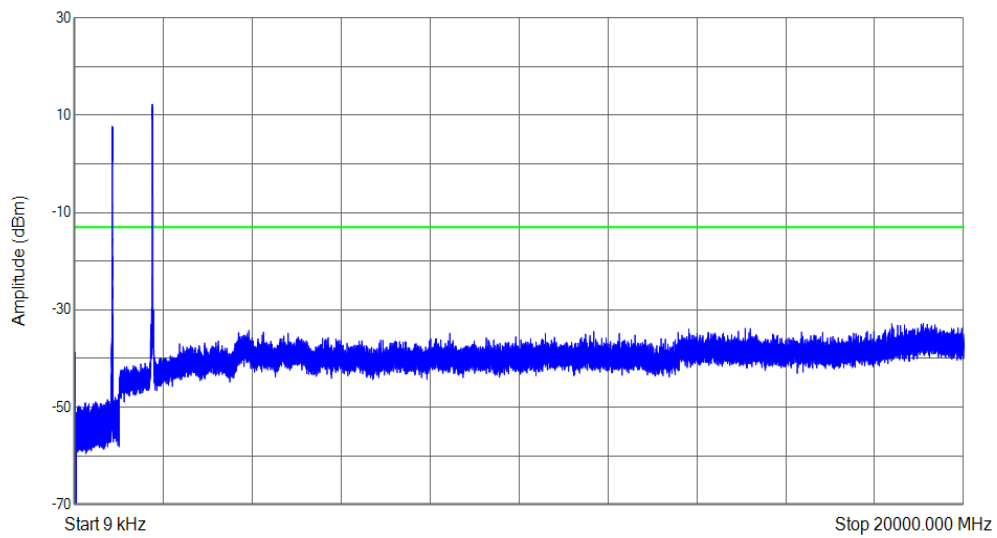
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.82	-13
2	0.15	30	10	0.16	-51	-13
3	30	1000	100	919.17	-47.11	-13
4	1000	20000	1000	3761.97	-32.14	-13

4A-5A QPSK PCC BW=20MHz Ch=2050 RB=1@0,SCC BW=10MHz Ch=2450 RB=1@49



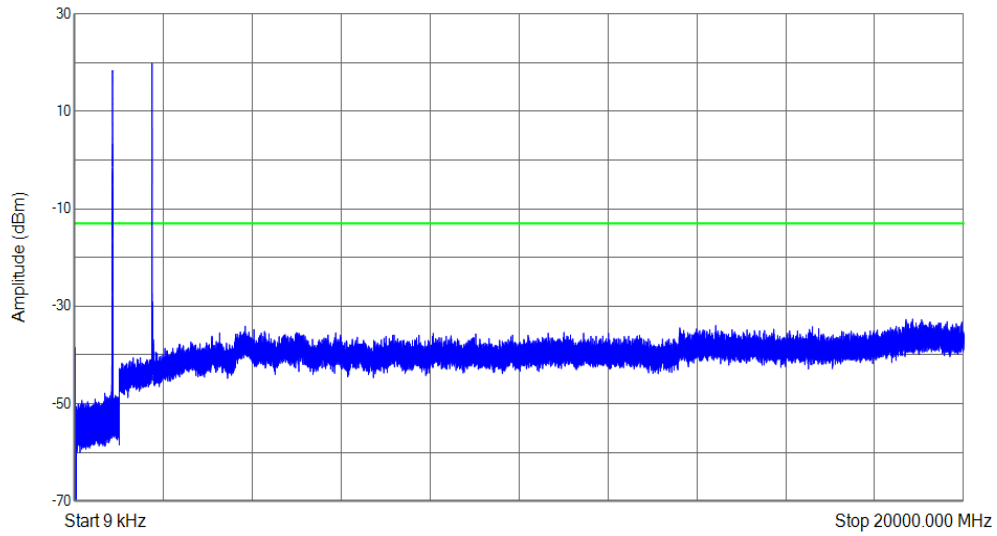
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.57	-13
2	0.15	30	10	0.17	-49.17	-13
3	30	1000	100	988.88	-47.75	-13
4	1000	20000	1000	19785.3	-31.44	-13

4A-5A QPSK PCC BW=20MHz Ch=2300 RB=100@0,SCC BW=10MHz Ch=2600 RB=50@0



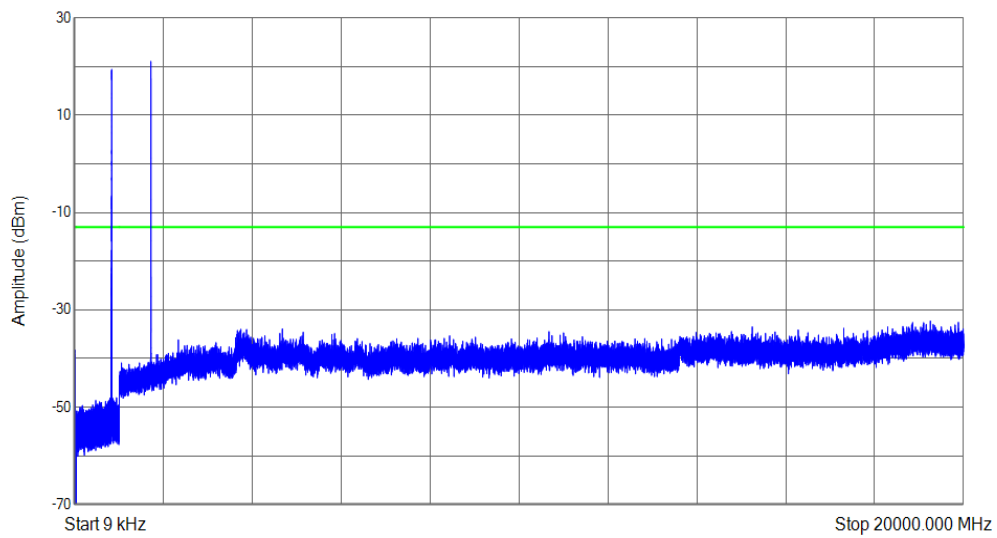
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.77	-13
2	0.15	30	10	0.16	-49.71	-13
3	30	1000	100	976.36	-47.38	-13
4	1000	20000	1000	19089.9	-32.82	-13

4A-5A QPSK PCC BW=20MHz Ch=2300 RB=1@0,SCC BW=10MHz Ch=2600 RB=1@49



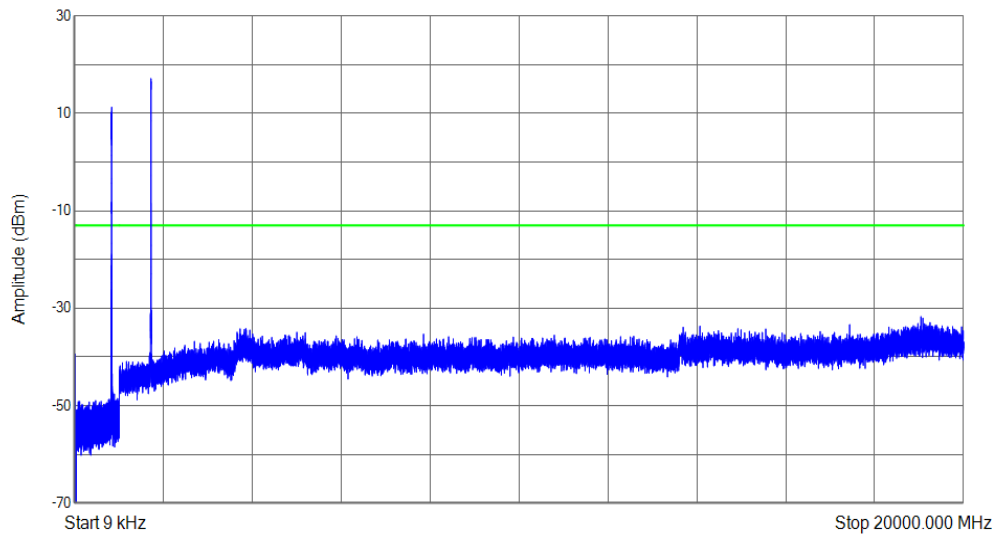
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.54	-13
2	0.15	30	10	0.15	-48.39	-13
3	30	1000	100	673.34	-47.84	-13
4	1000	20000	1000	18853.67	-32.64	-13

4A-5A QPSK PCC BW=5MHz Ch=1975 RB=1@0,SCC BW=5MHz Ch=2425 RB=1@24



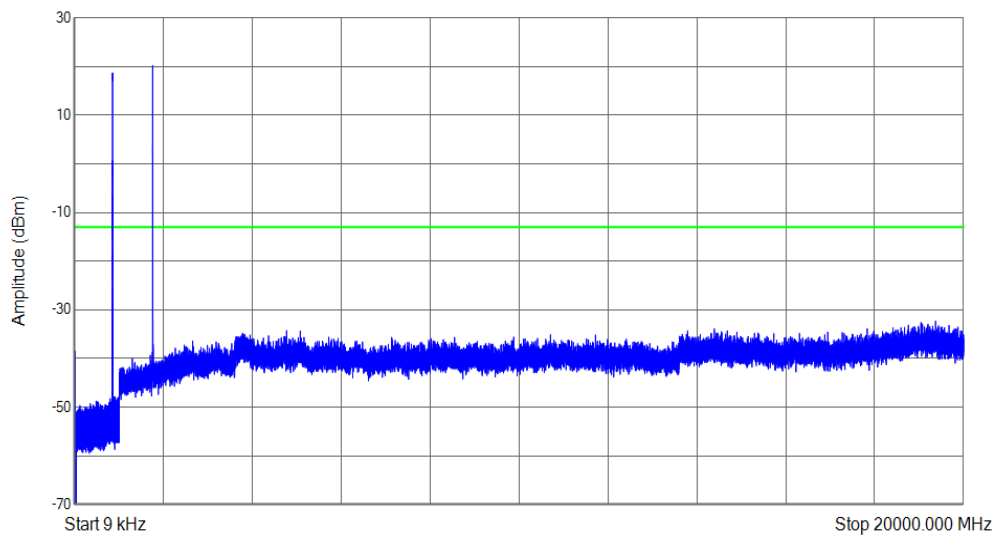
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.36	-13
2	0.15	30	10	0.16	-48.62	-13
3	30	1000	100	937.89	-48.08	-13
4	1000	20000	1000	19252.03	-32.31	-13

4A-5A QPSK PCC BW=5MHz Ch=1975 RB=25@0,SCC BW=5MHz Ch=2425 RB=25@0



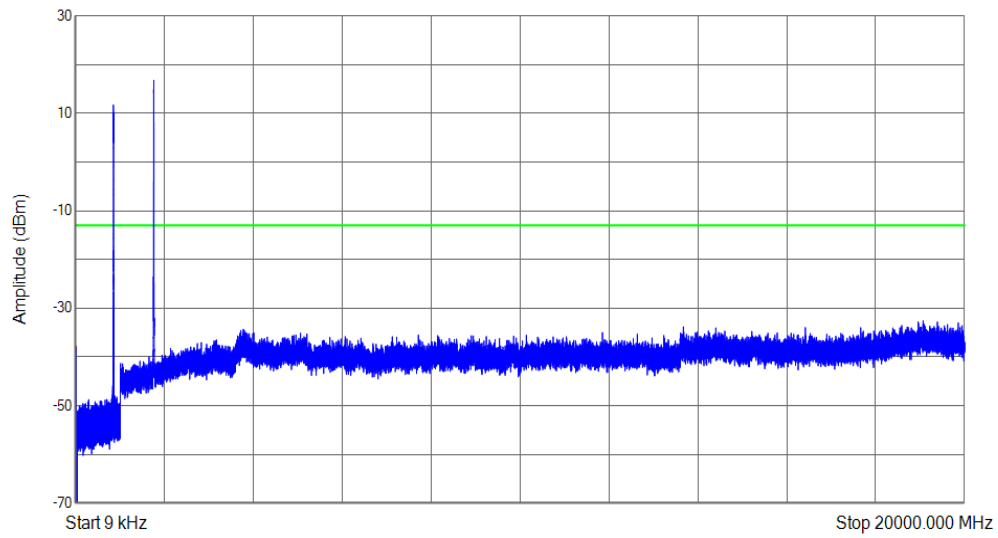
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.49	-13
2	0.15	30	10	0.17	-49.81	-13
3	30	1000	100	889.58	-47.61	-13
4	1000	20000	1000	19040.5	-31.74	-13

4A-5A QPSK PCC BW=5MHz Ch=2375 RB=1@0,SCC BW=5MHz Ch=2625 RB=1@24



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.6	-13
2	0.15	30	10	0.17	-50.25	-13
3	30	1000	100	909.92	-47.89	-13
4	1000	20000	1000	19369.83	-32.33	-13

4A-5A QPSK PCC BW=5MHz Ch=2375 RB=25@0,SCC BW=5MHz Ch=2625 RB=25@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.92	-13
2	0.15	30	10	0.19	-49.64	-13
3	30	1000	100	884.15	-48.03	-13
4	1000	20000	1000	19068.37	-32.59	-13