

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

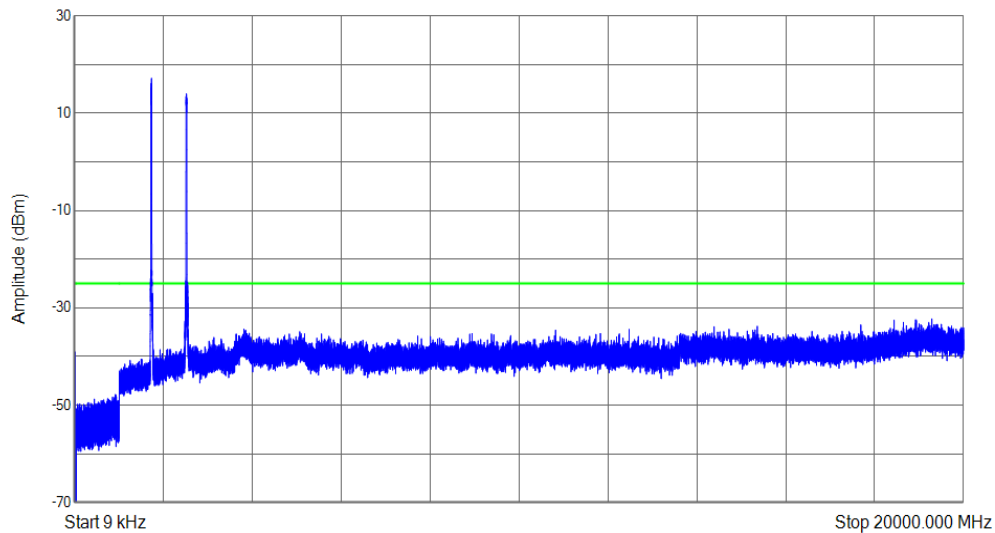
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-7 A	5	197 5	1@0	5	277 5	1@24	QPSK	24.47	0	24.47	279.8 9	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	QPSK	24.52	0	24.52	283.2 0	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	QPSK	24.41	0	24.41	276.0 2	2000	PASS
4A-7 A	5	197 5	1@0	5	277 5	1@24	16QAM	24.32	0	24.32	270.3 1	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	16QAM	24.34	0	24.34	271.5 4	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	16QAM	24.37	0	24.37	273.8 4	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	QPSK	23.60	0	23.60	229.1 2	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	QPSK	23.37	0	23.37	217.3 0	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	QPSK	23.57	0	23.57	227.7 7	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	16QAM	23.68	0	23.68	233.2 1	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	16QAM	23.47	0	23.47	222.2 6	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	16QAM	23.55	0	23.55	226.7 2	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	QPSK	24.32	0	24.32	270.5 2	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	QPSK	24.40	0	24.40	275.4 2	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	QPSK	24.20	0	24.20	262.9 1	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	16QAM	24.08	0	24.08	256.1 3	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	16QAM	24.09	0	24.09	256.7 1	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	16QAM	24.16	0	24.16	260.8 1	2000	PASS
4A-7	20	230	1@0	20	335	1@99	QPSK	24.11	0	24.11	257.3	2000	PASS

A		0			0						4		
4A-7	20	230	1@99	20	335	1@0	QPSK	23.17	0	23.17	207.3	2000	PASS
A		0			0						4		
4A-7	20	230	100@	20	335	100@	QPSK	23.52	0	23.52	225.1	2000	PASS
A		0	0		0	0					4		
4A-7	20	230	1@0	20	335	1@99	16QAM	23.81	0	23.81	240.5	2000	PASS
A		0			0						2		
4A-7	20	230	1@99	20	335	1@0	16QAM	22.88	0	22.88	194.1	2000	PASS
A		0			0						8		
4A-7	20	230	100@	20	335	100@	16QAM	21.14	0	21.14	130.1	2000	PASS
A		0	0		0	0					2		

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

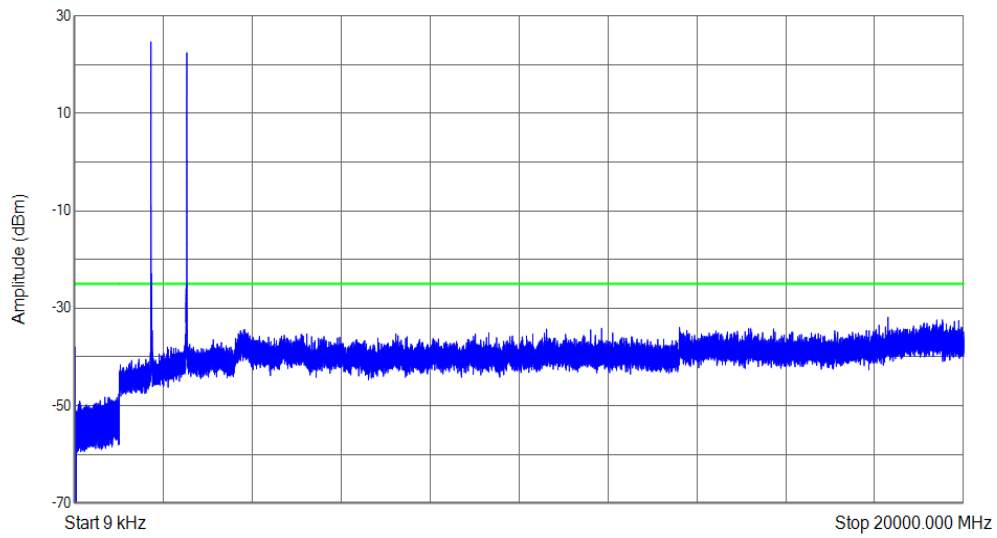
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-7A	5	1975	1@0	5	2775	1@24	QPSK	19243.17	-31.84	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	QPSK	19221.00	-32.56	-25	PASS
4A-7A	5	1975	1@0	5	2775	1@24	16QAM	18855.57	-32.69	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	16QAM	18918.27	-32.37	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	QPSK	19650.40	-31.93	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	QPSK	19077.87	-32.76	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	16QAM	18930.93	-32.35	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	16QAM	19759.97	-32.18	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	QPSK	19277.37	-32.77	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	QPSK	18945.50	-32.81	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	16QAM	18298.87	-31.86	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	16QAM	19284.97	-32.28	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	QPSK	18828.97	-32.42	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	QPSK	19329.30	-32.76	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	16QAM	19169.07	-32.45	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	16QAM	19148.80	-32.57	-25	PASS

4A-7A 16QAM PCC BW=20MHz Ch=2050 RB=100@0,SCC BW=20MHz Ch=2850 RB=100@0



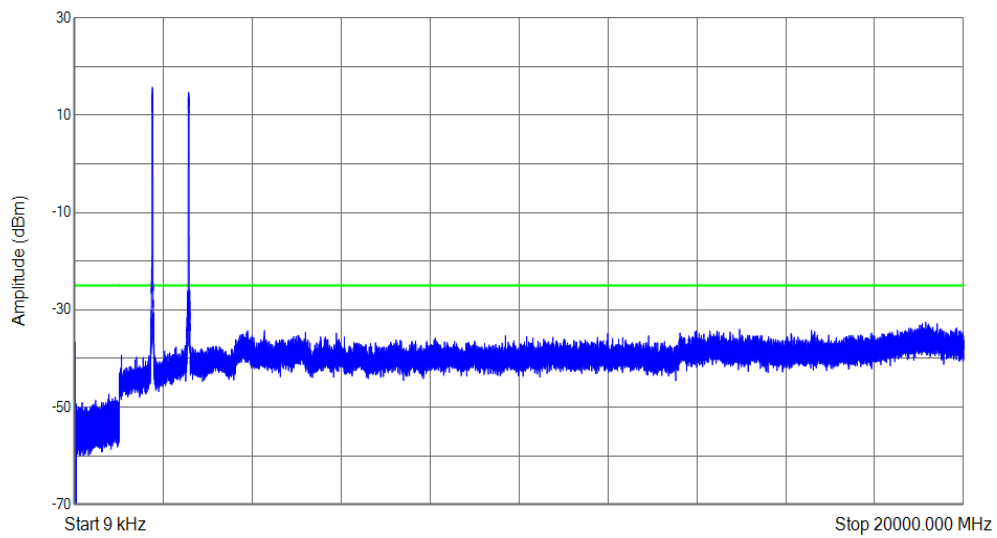
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.08	-25
2	0.15	30	10	0.16	-51.31	-25
3	30	1000	100	912.83	-47.82	-25
4	1000	20000	1000	19284.97	-32.28	-25

4A-7A 16QAM PCC BW=20MHz Ch=2050 RB=1@0,SCC BW=20MHz Ch=2850 RB=1@99



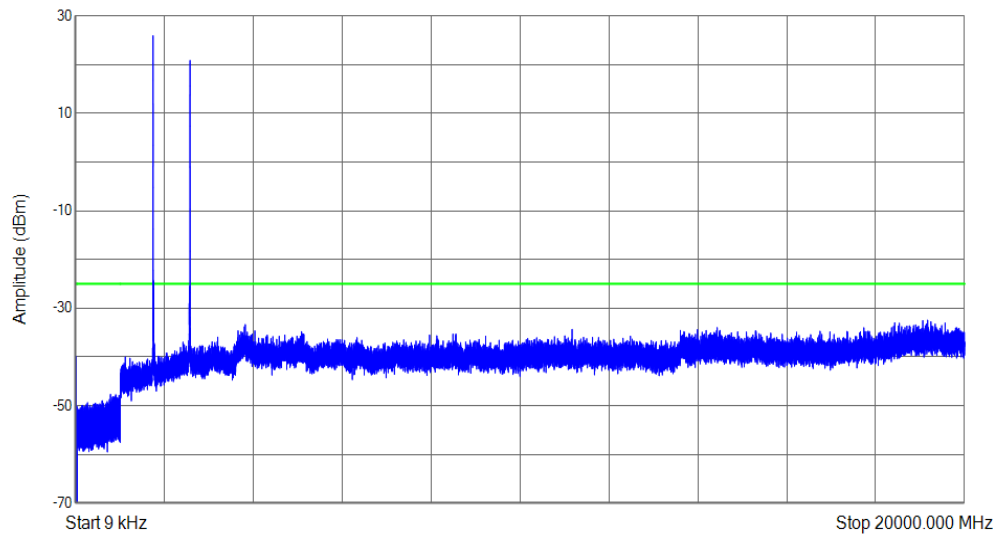
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.09	-25
2	0.15	30	10	0.16	-49.71	-25
3	30	1000	100	989.52	-47.61	-25
4	1000	20000	1000	18298.87	-31.86	-25

4A-7A 16QAM PCC BW=20MHz Ch=2300 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



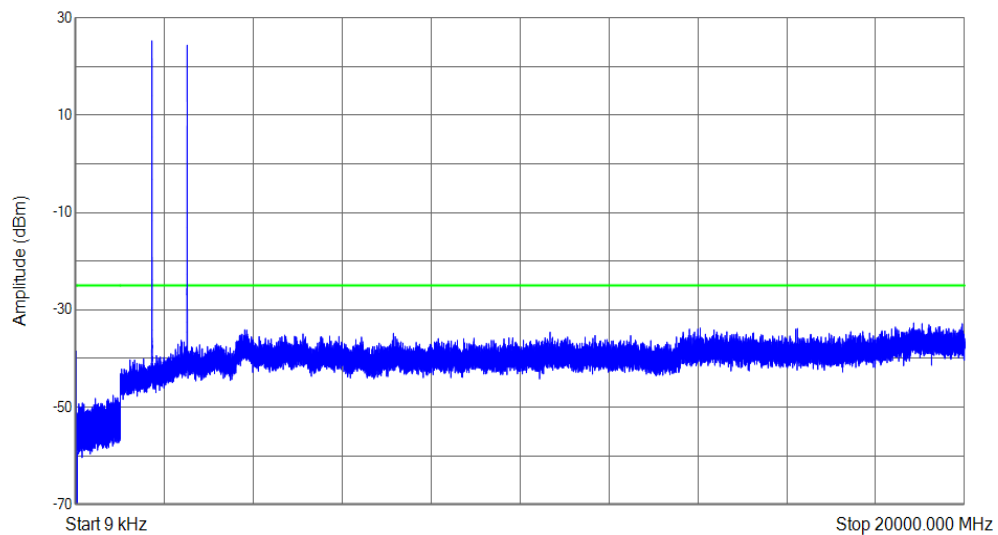
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-36.81	-25
2	0.15	30	10	0.16	-48.1	-25
3	30	1000	100	768.75	-47.33	-25
4	1000	20000	1000	19148.8	-32.57	-25

4A-7A 16QAM PCC BW=20MHz Ch=2300 RB=1@0,SCC BW=20MHz Ch=3350 RB=1@99



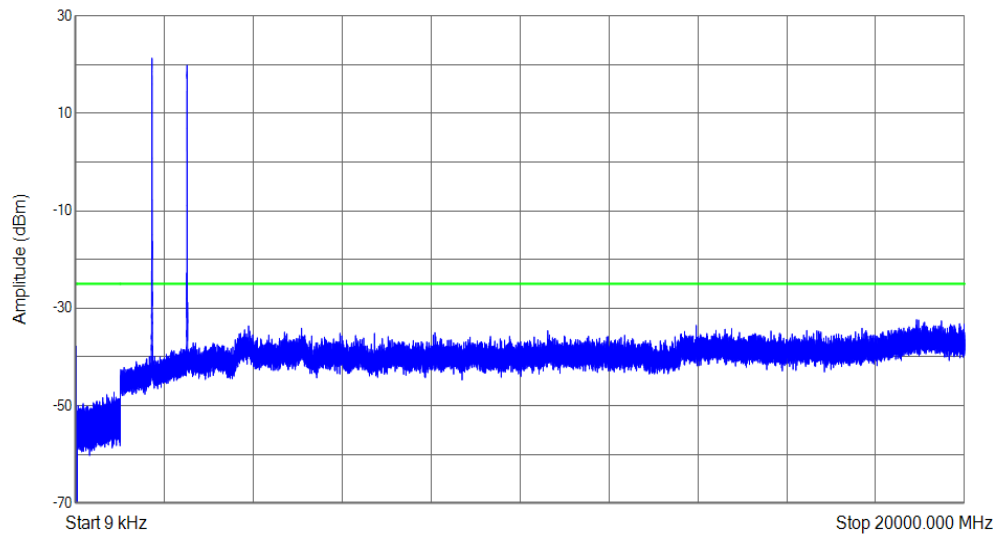
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.99	-25
2	0.15	30	10	0.16	-48.69	-25
3	30	1000	100	778.32	-47.69	-25
4	1000	20000	1000	19169.07	-32.45	-25

4A-7A 16QAM PCC BW=5MHz Ch=1975 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24



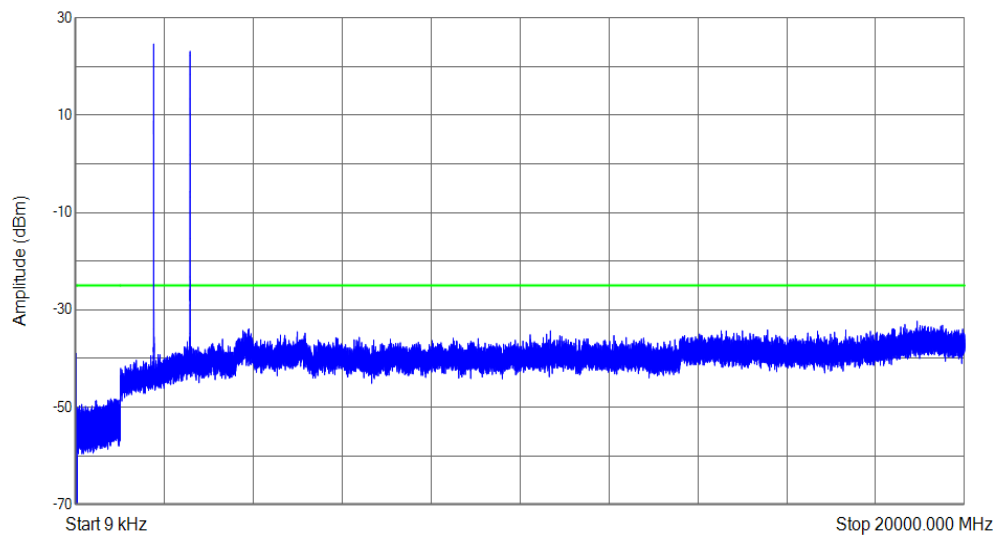
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.56	-25
2	0.15	30	10	0.16	-49.01	-25
3	30	1000	100	838.14	-47.57	-25
4	1000	20000	1000	18855.57	-32.69	-25

4A-7A 16QAM PCC BW=5MHz Ch=1975 RB=25@0,SCC BW=5MHz Ch=2775 RB=25@0



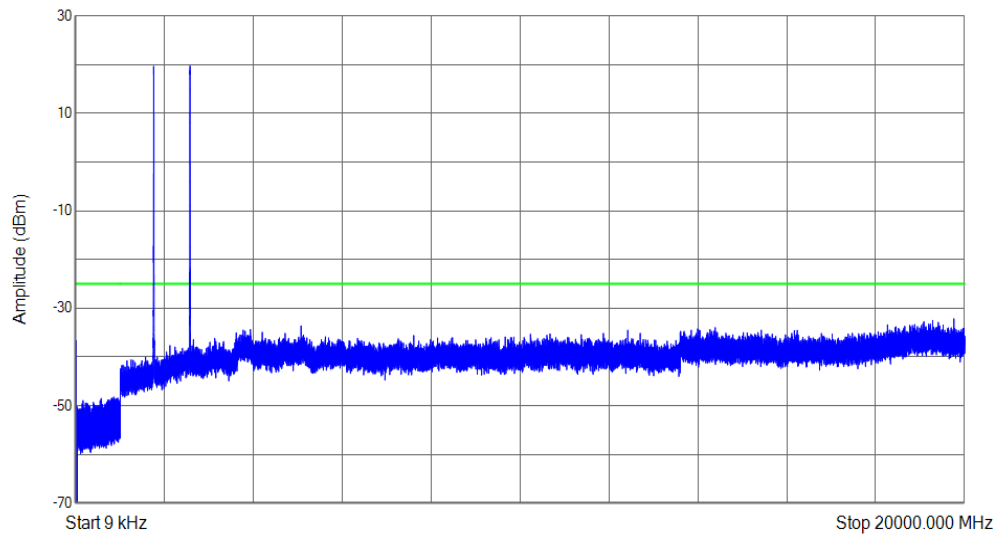
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.89	-25
2	0.15	30	10	0.15	-47.85	-25
3	30	1000	100	859.58	-47.27	-25
4	1000	20000	1000	18918.27	-32.37	-25

4A-7A 16QAM PCC BW=5MHz Ch=2375 RB=1@0,SCC BW=5MHz Ch=3425 RB=1@24



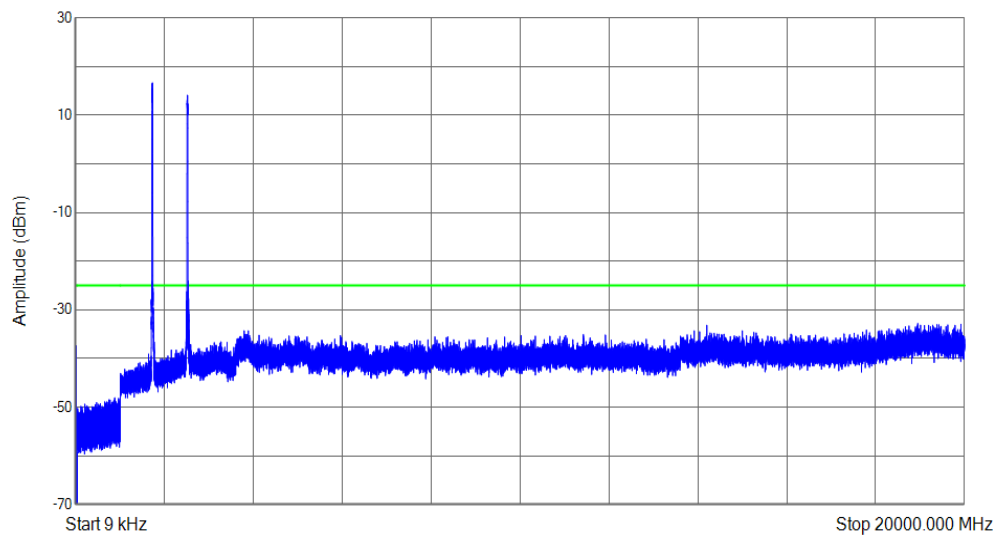
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.04	-25
2	0.15	30	10	0.17	-49.5	-25
3	30	1000	100	783.98	-48.29	-25
4	1000	20000	1000	18930.93	-32.35	-25

4A-7A 16QAM PCC BW=5MHz Ch=2375 RB=25@0,SCC BW=5MHz Ch=3425 RB=25@0



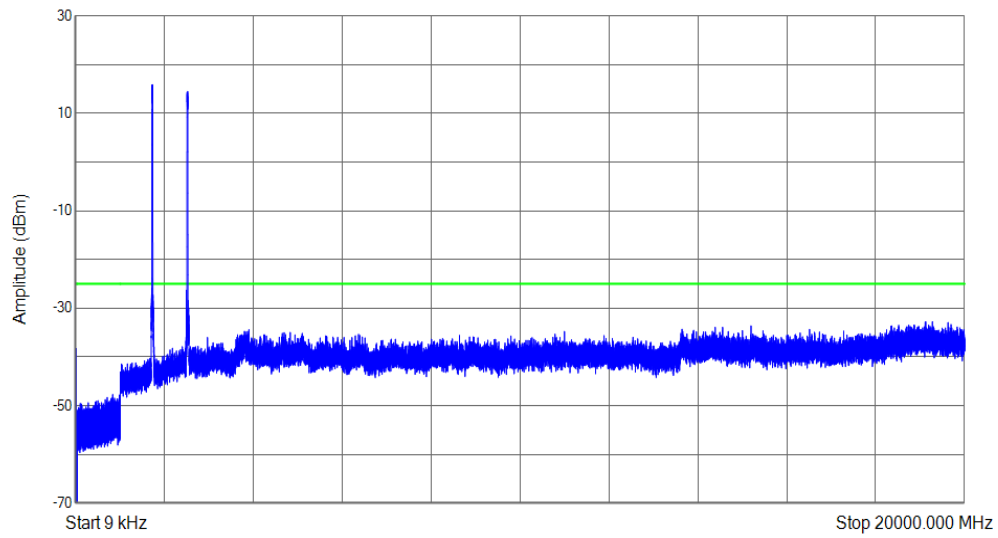
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.74	-25
2	0.15	30	10	0.15	-50.33	-25
3	30	1000	100	851.88	-48.24	-25
4	1000	20000	1000	19759.97	-32.18	-25

4A-7A QPSK PCC BW=20MHz Ch=2050 RB=100@0,SCC BW=20MHz Ch=2850 RB=100@0



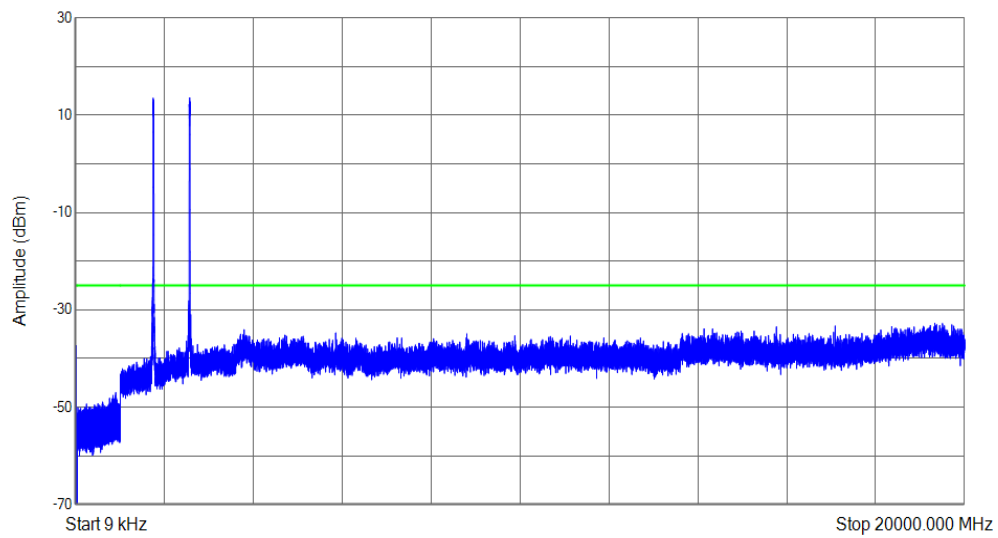
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.47	-25
2	0.15	30	10	0.16	-49	-25
3	30	1000	100	874.26	-48.08	-25
4	1000	20000	1000	18945.5	-32.81	-25

4A-7A QPSK PCC BW=20MHz Ch=2050 RB=1@0,SCC BW=20MHz Ch=2850 RB=1@99



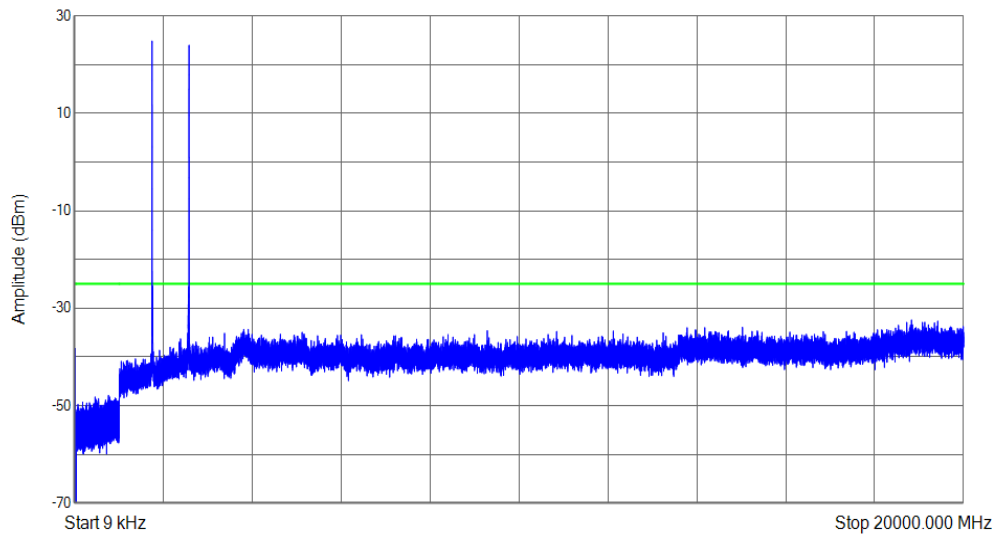
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.35	-25
2	0.15	30	10	0.16	-50.28	-25
3	30	1000	100	829.51	-47.72	-25
4	1000	20000	1000	19277.37	-32.77	-25

4A-7A QPSK PCC BW=20MHz Ch=2300 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



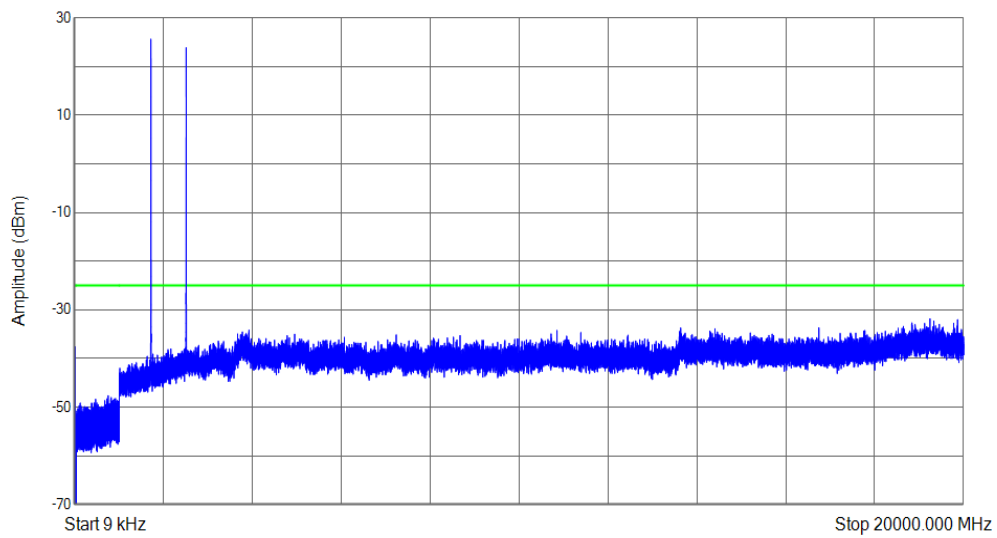
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-37.44	-25
2	0.15	30	10	0.19	-50.14	-25
3	30	1000	100	898.34	-47.01	-25
4	1000	20000	1000	19329.3	-32.76	-25

4A-7A QPSK PCC BW=20MHz Ch=2300 RB=1@0,SCC BW=20MHz Ch=3350 RB=1@99



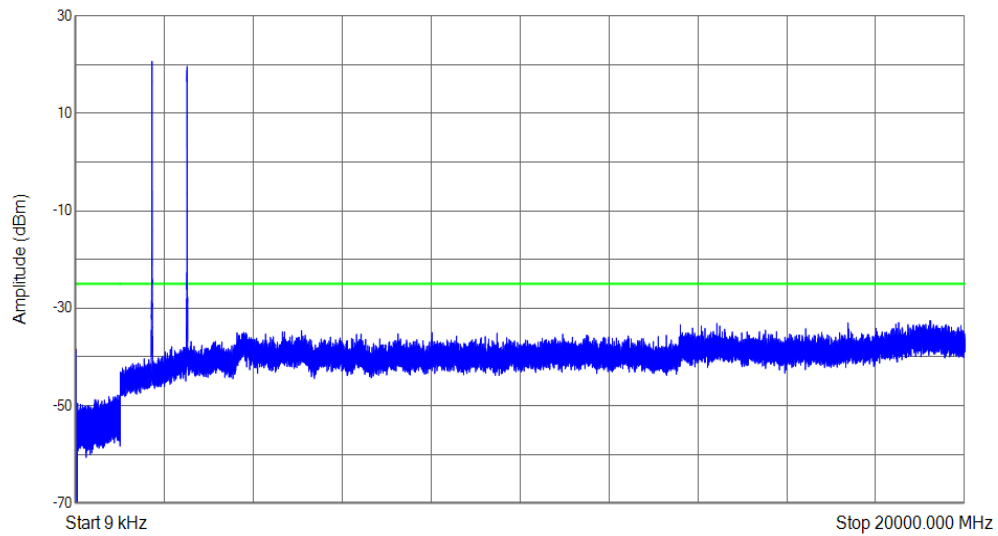
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.31	-25
2	0.15	30	10	0.15	-49.21	-25
3	30	1000	100	757.14	-47.9	-25
4	1000	20000	1000	18828.97	-32.42	-25

4A-7A QPSK PCC BW=5MHz Ch=1975 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24



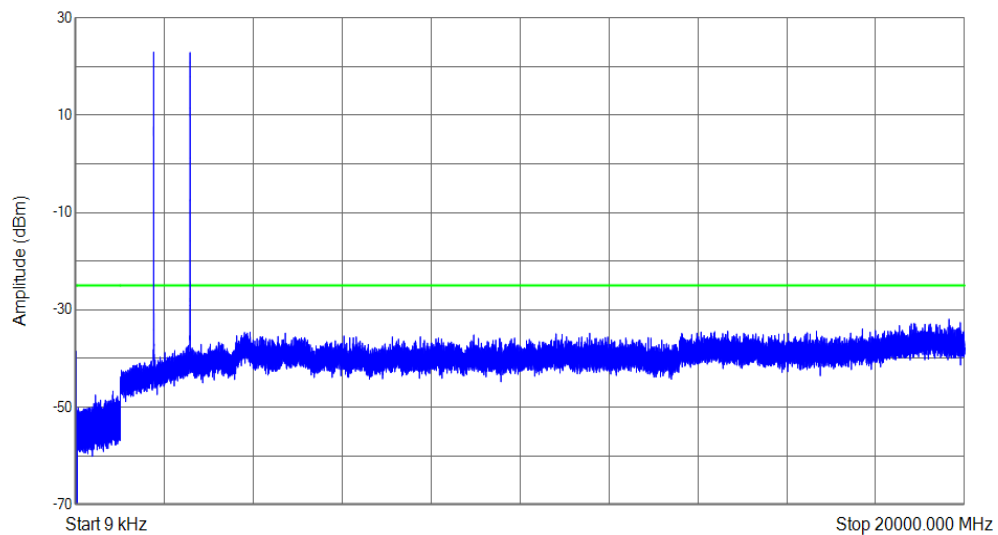
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.68	-25
2	0.15	30	10	0.17	-49.03	-25
3	30	1000	100	749	-47.64	-25
4	1000	20000	1000	19243.17	-31.84	-25

4A-7A QPSK PCC BW=5MHz Ch=1975 RB=25@0,SCC BW=5MHz Ch=2775 RB=25@0



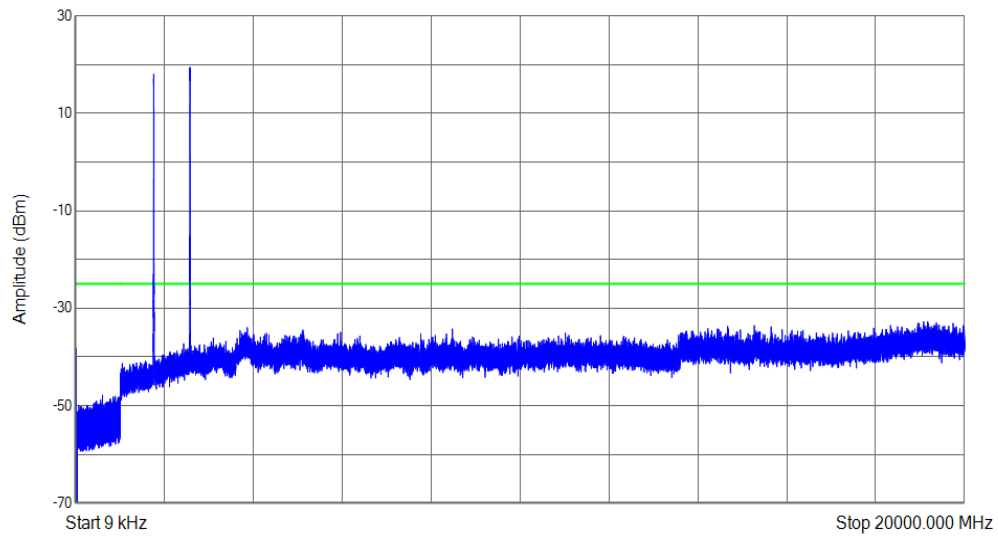
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.44	-25
2	0.15	30	10	0.16	-49.46	-25
3	30	1000	100	938.63	-47.83	-25
4	1000	20000	1000	19221	-32.56	-25

4A-7A QPSK PCC BW=5MHz Ch=2375 RB=1@0,SCC BW=5MHz Ch=3425 RB=1@24



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-38.61	-25
2	0.15	30	10	0.16	-49.54	-25
3	30	1000	100	836.52	-46.72	-25
4	1000	20000	1000	19650.4	-31.93	-25

4A-7A QPSK PCC BW=5MHz Ch=2375 RB=25@0,SCC BW=5MHz Ch=3425 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	-38.21	-25
2	0.15	30	10	0.18	-49.27	-25
3	30	1000	100	600.04	-47.87	-25
4	1000	20000	1000	19077.87	-32.76	-25