

TABLE OF CONTENTS

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

01 Conducted output power for inter-band CA

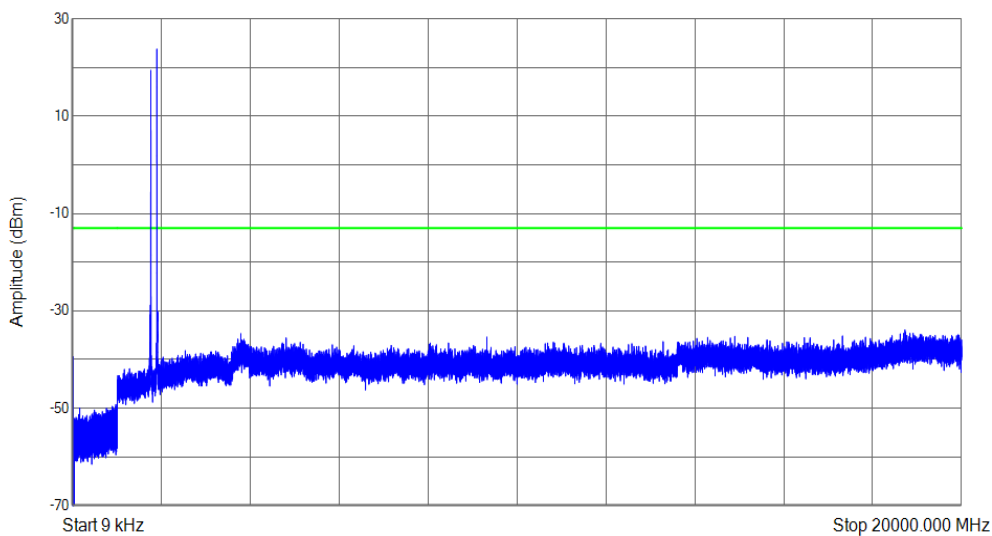
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
2A-4 A	5	625	1@0	5	197 5	1@24	QPSK	21.63	0	21.63	145.4 5	2000	PASS
2A-4 A	5	625	1@24	5	197 5	1@0	QPSK	21.91	0	21.91	155.1 8	2000	PASS
2A-4 A	5	625	25@0	5	197 5	25@0	QPSK	21.82	0	21.82	151.9 5	2000	PASS
2A-4 A	5	625	1@0	5	197 5	1@24	16QAM	21.70	0	21.70	147.8 8	2000	PASS
2A-4 A	5	625	1@24	5	197 5	1@0	16QAM	21.99	0	21.99	157.9 9	2000	PASS
2A-4 A	5	625	25@0	5	197 5	25@0	16QAM	21.81	0	21.81	151.7 8	2000	PASS
2A-4 A	5	117 5	1@0	5	237 5	1@24	QPSK	23.40	0	23.40	218.6 5	2000	PASS
2A-4 A	5	117 5	1@24	5	237 5	1@0	QPSK	23.37	0	23.37	217.0 8	2000	PASS
2A-4 A	5	117 5	25@0	5	237 5	25@0	QPSK	23.43	0	23.43	220.4 5	2000	PASS
2A-4 A	5	117 5	1@0	5	237 5	1@24	16QAM	23.62	0	23.62	230.4 1	2000	PASS
2A-4 A	5	117 5	1@24	5	237 5	1@0	16QAM	23.59	0	23.59	228.4 7	2000	PASS
2A-4 A	5	117 5	25@0	5	237 5	25@0	16QAM	23.39	0	23.39	218.4 6	2000	PASS
2A-4 A	20	700	1@0	20	205 0	1@99	QPSK	21.44	0	21.44	139.4 2	2000	PASS
2A-4 A	20	700	1@99	20	205 0	1@0	QPSK	22.65	0	22.65	184.11	2000	PASS
2A-4 A	20	700	100@ 0	20	205 0	100@ 0	QPSK	21.96	0	21.96	157.0 5	2000	PASS
2A-4 A	20	700	1@0	20	205 0	1@99	16QAM	21.39	0	21.39	137.8 2	2000	PASS
2A-4 A	20	700	1@99	20	205 0	1@0	16QAM	22.56	0	22.56	180.4 2	2000	PASS
2A-4 A	20	700	100@ 0	20	205 0	100@ 0	16QAM	21.97	0	21.97	157.2 5	2000	PASS
2A-4	20	110	1@0	20	230	1@99	QPSK	23.25	0	23.25	211.43	2000	PASS

A		0			0								
2A-4 A	20	110 0	1@99	20	230 0	1@0	QPSK	23.39	0	23.39	218.4 7	2000	PASS
2A-4 A	20	110 0	100@ 0	20	230 0	100@ 0	QPSK	23.27	0	23.27	212.5 2	2000	PASS
2A-4 A	20	110 0	1@0	20	230 0	1@99	16QAM	22.99	0	22.99	199.2 7	2000	PASS
2A-4 A	20	110 0	1@99	20	230 0	1@0	16QAM	23.11	0	23.11	204.6 1	2000	PASS
2A-4 A	20	110 0	100@ 0	20	230 0	100@ 0	16QAM	23.26	0	23.26	211.74	2000	PASS

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

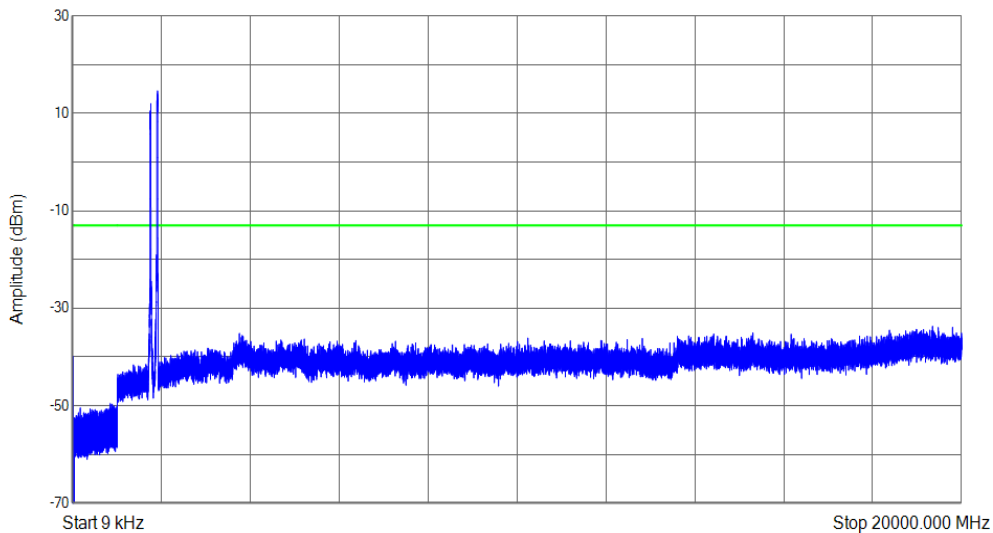
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
2A-4A	5	625	1@0	5	1975	1@24	QPSK	18221.60	-32.80	-13	PASS
2A-4A	5	625	25@0	5	1975	25@0	QPSK	19065.83	-33.55	-13	PASS
2A-4A	5	625	1@0	5	1975	1@24	16QAM	18896.73	-33.92	-13	PASS
2A-4A	5	625	25@0	5	1975	25@0	16QAM	19286.23	-34.13	-13	PASS
2A-4A	5	1175	1@0	5	2375	1@24	QPSK	18842.90	-33.49	-13	PASS
2A-4A	5	1175	25@0	5	2375	25@0	QPSK	19286.23	-32.45	-13	PASS
2A-4A	5	1175	1@0	5	2375	1@24	16QAM	14512.17	-33.63	-13	PASS
2A-4A	5	1175	25@0	5	2375	25@0	16QAM	18762.47	-32.89	-13	PASS
2A-4A	20	700	1@0	20	2050	1@99	QPSK	19340.07	-33.31	-13	PASS
2A-4A	20	700	100@0	20	2050	100@0	QPSK	19207.70	-34.01	-13	PASS
2A-4A	20	700	1@0	20	2050	1@99	16QAM	19283.07	-33.67	-13	PASS
2A-4A	20	700	100@0	20	2050	100@0	16QAM	18993.63	-33.53	-13	PASS
2A-4A	20	1100	1@0	20	2300	1@99	QPSK	18690.90	-33.56	-13	PASS
2A-4A	20	1100	100@0	20	2300	100@0	QPSK	18768.80	-33.70	-13	PASS
2A-4A	20	1100	1@0	20	2300	1@99	16QAM	18725.10	-33.95	-13	PASS
2A-4A	20	1100	100@0	20	2300	100@0	16QAM	19347.03	-33.73	-13	PASS

2A-4A 16QAM PCC BW=20MHz Ch=1100 RB=1@0,SCC BW=20MHz Ch=2300 RB=1@99



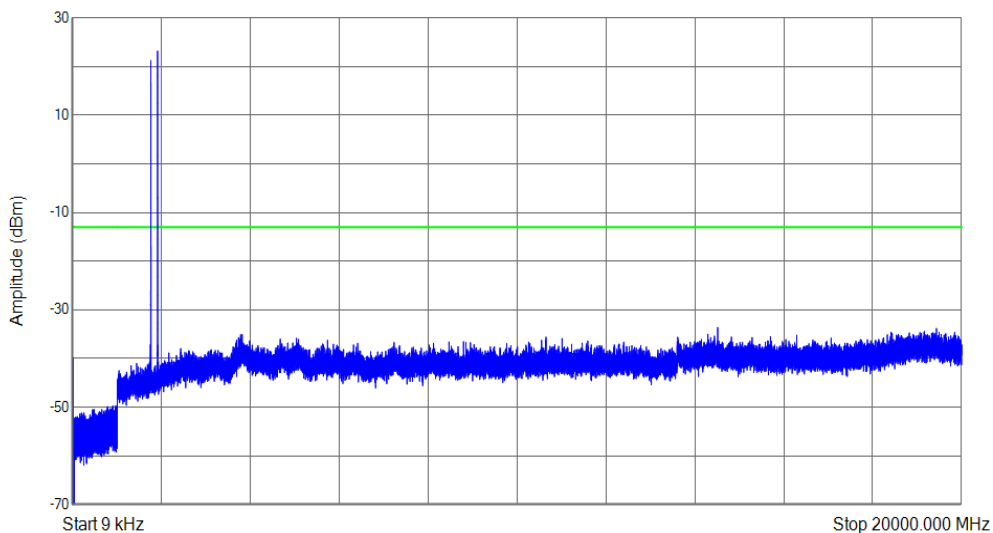
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.51	-13
2	0.15	30	10	0.17	-50.71	-13
3	30	1000	100	967.67	-49.25	-13
4	1000	20000	1000	18725.1	-33.95	-13

2A-4A 16QAM PCC BW=20MHz Ch=1100 RB=100@0,SCC BW=20MHz Ch=2300 RB=100@0



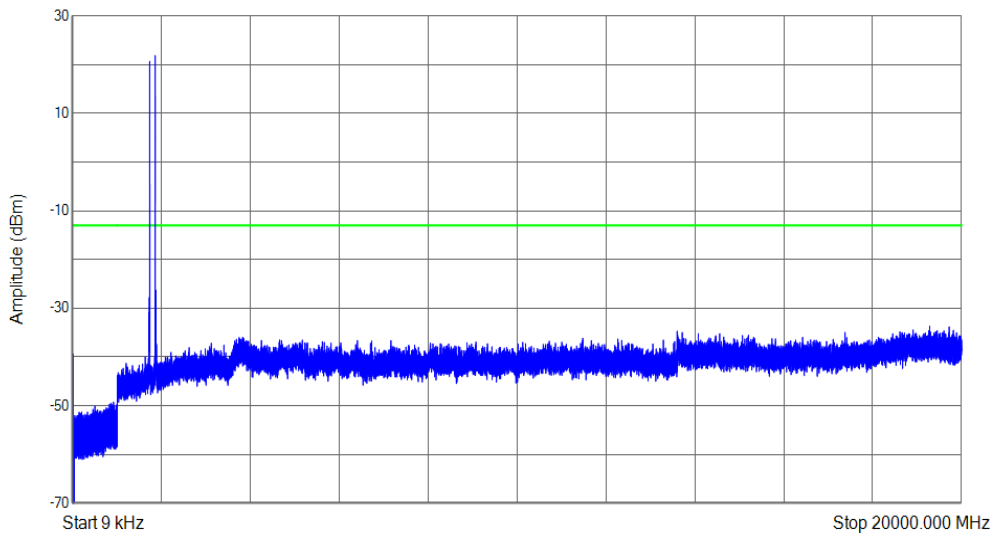
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-39.89	-13
2	0.15	30	10	0.16	-50.06	-13
3	30	1000	100	842.02	-49.59	-13
4	1000	20000	1000	19347.03	-33.73	-13

2A-4A 16QAM PCC BW=5MHz Ch=1175 RB=1 @0,SCC BW=5MHz Ch=2375 RB=1 @24



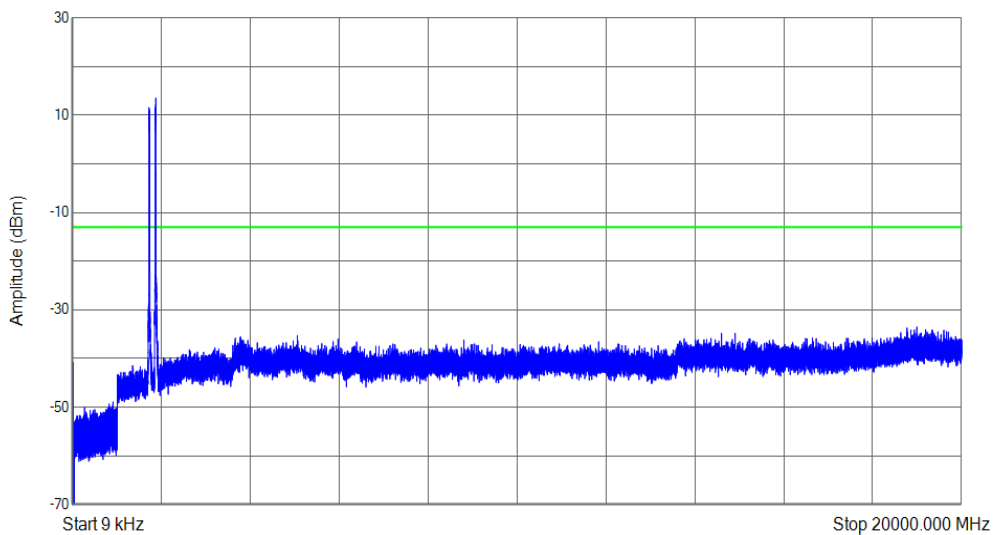
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.84	-13
2	0.15	30	10	0.15	-51.11	-13
3	30	1000	100	965.95	-49.69	-13
4	1000	20000	1000	14512.17	-33.63	-13

2A-4A 16QAM PCC BW=20MHz Ch=700 RB=1 @0,SCC BW=20MHz Ch=2050 RB=1 @99



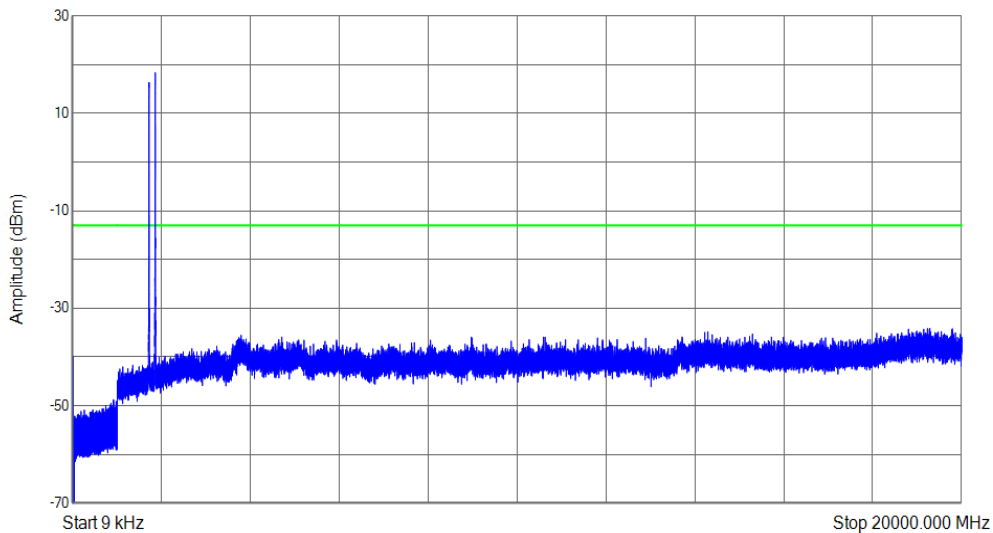
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.44	-13
2	0.15	30	10	0.15	-49.75	-13
3	30	1000	100	913.73	-49.28	-13
4	1000	20000	1000	19283.07	-33.67	-13

2A-4A 16QAM PCC BW=20MHz Ch=700 RB=100@0,SCC BW=20MHz Ch=2050 RB=100@0



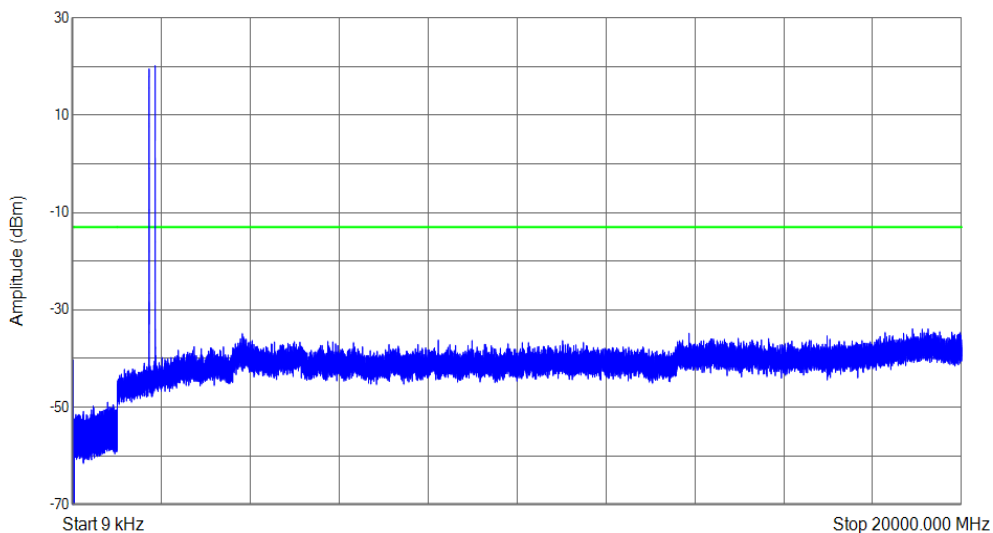
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-40.91	-13
2	0.15	30	10	0.18	-50.3	-13
3	30	1000	100	902.48	-48.95	-13
4	1000	20000	1000	18993.63	-33.53	-13

2A-4A 16QAM PCC BW=5MHz Ch=625 RB=25@0,SCC BW=5MHz Ch=1975 RB=25@0



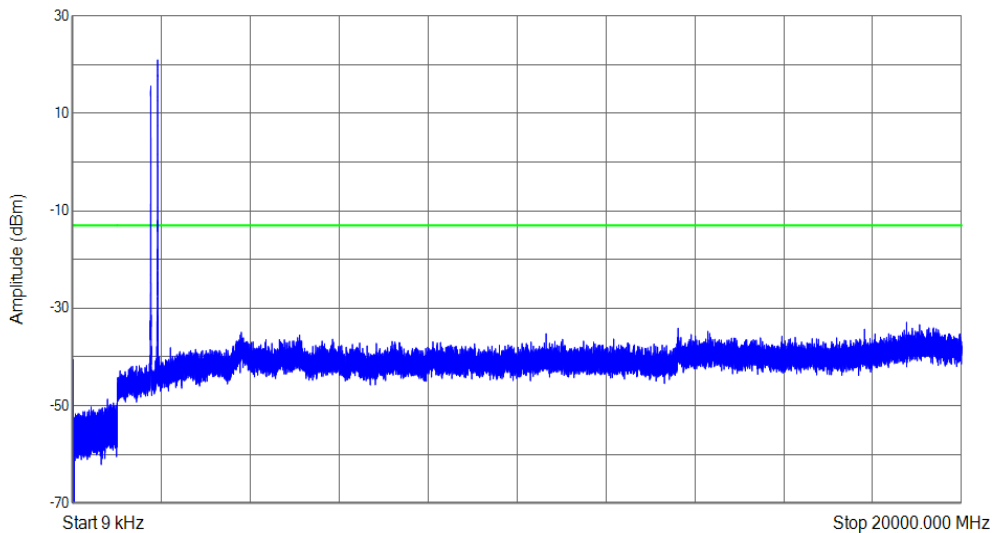
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.88	-13
2	0.15	30	10	0.17	-50.45	-13
3	30	1000	100	914.77	-48.78	-13
4	1000	20000	1000	19286.23	-34.13	-13

2A-4A 16QAM PCC BW=5MHz Ch=625 RB=1@0,SCC BW=5MHz Ch=1975 RB=1@24



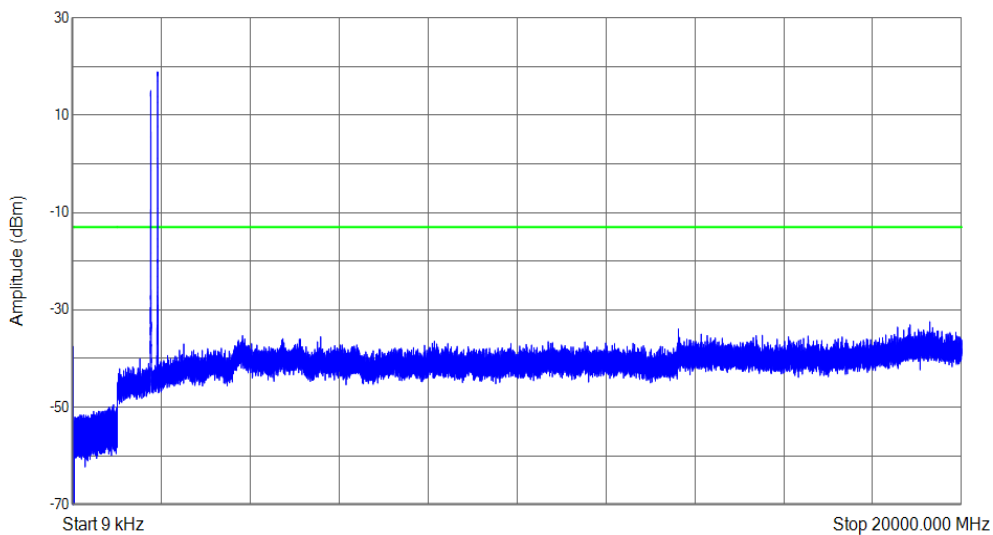
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-40.42	-13
2	0.15	30	10	0.17	-51.04	-13
3	30	1000	100	781.07	-48.99	-13
4	1000	20000	1000	18896.73	-33.92	-13

2A-4A 16QAM PCC BW=5MHz Ch=1175 RB=25@0,SCC BW=5MHz Ch=2375 RB=25@0



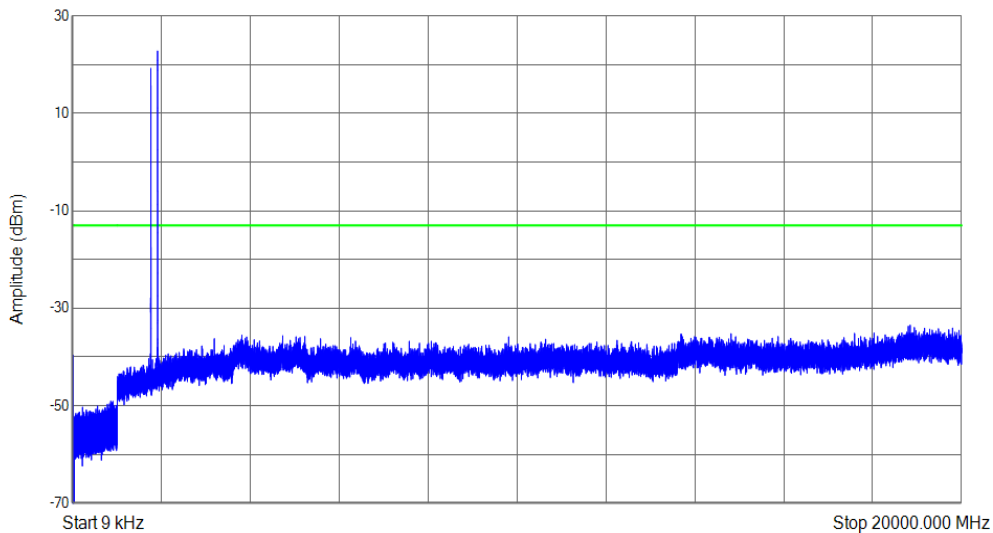
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-40.57	-13
2	0.15	30	10	0.15	-49.67	-13
3	30	1000	100	780.26	-48.68	-13
4	1000	20000	1000	18762.47	-32.89	-13

2A-4A QPSK PCC BW=5MHz Ch=1175 RB=25@0,SCC BW=5MHz Ch=2375 RB=25@0



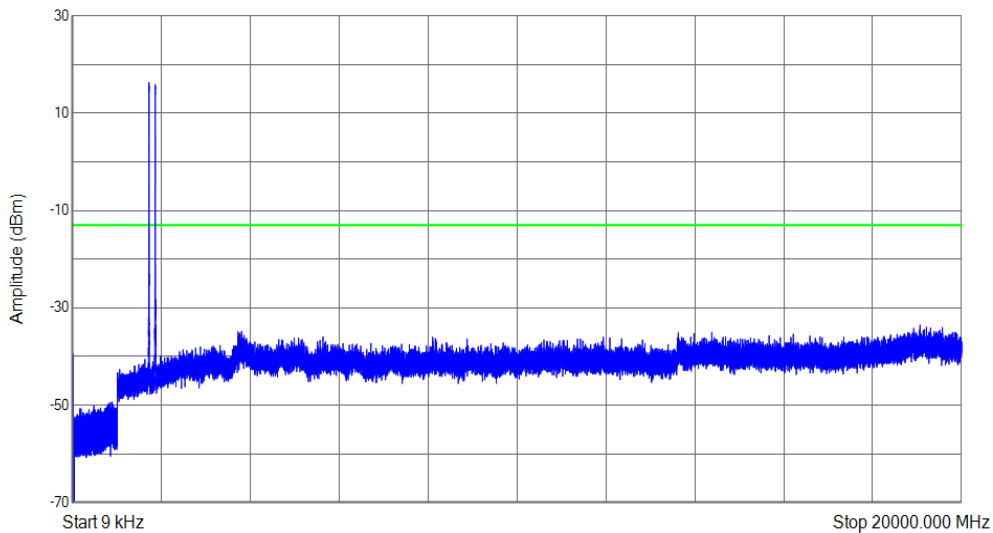
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.55	-13
2	0.15	30	10	0.16	-49.01	-13
3	30	1000	100	916.03	-49.49	-13
4	1000	20000	1000	19286.23	-32.45	-13

2A-4A QPSK PCC BW=5MHz Ch=1175 RB=1@0,SCC BW=5MHz Ch=2375 RB=1@24



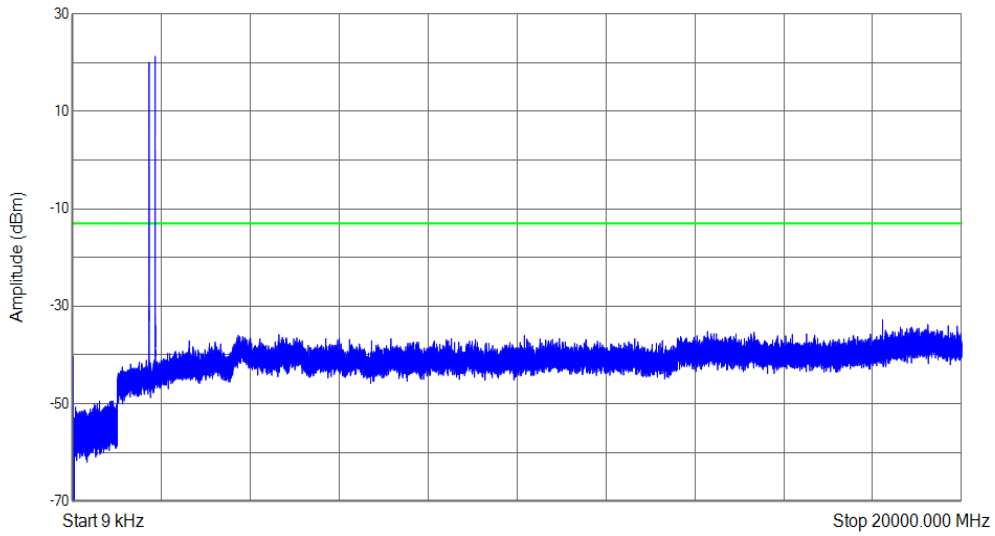
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.72	-13
2	0.15	30	10	0.15	-51.29	-13
3	30	1000	100	853.89	-49.1	-13
4	1000	20000	1000	18842.9	-33.49	-13

2A-4A QPSK PCC BW=5MHz Ch=625 RB=25@0,SCC BW=5MHz Ch=1975 RB=25@0



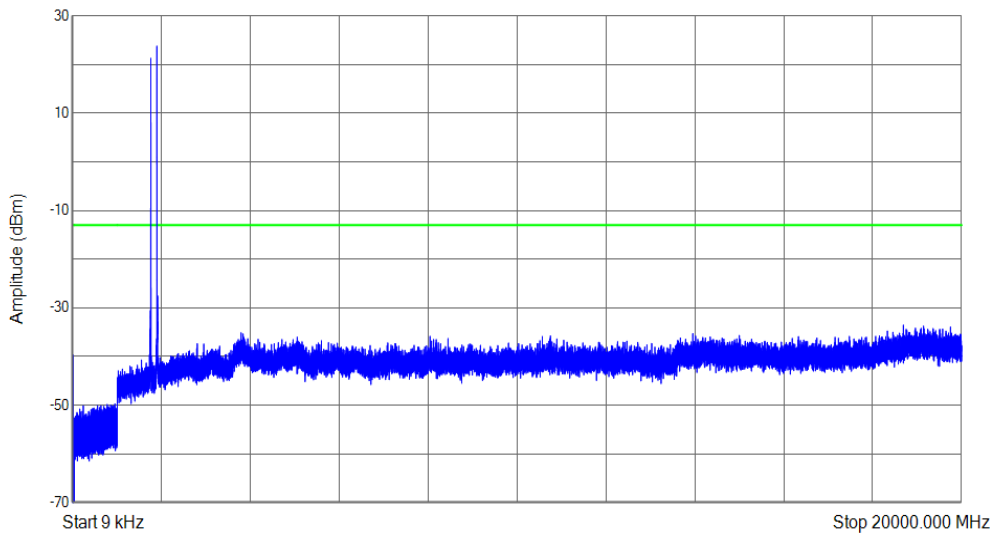
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.56	-13
2	0.15	30	10	0.16	-51.6	-13
3	30	1000	100	880.75	-49.32	-13
4	1000	20000	1000	19065.83	-33.55	-13

2A-4A QPSK PCC BW=5MHz Ch=625 RB=1@0,SCC BW=5MHz Ch=1975 RB=1@24



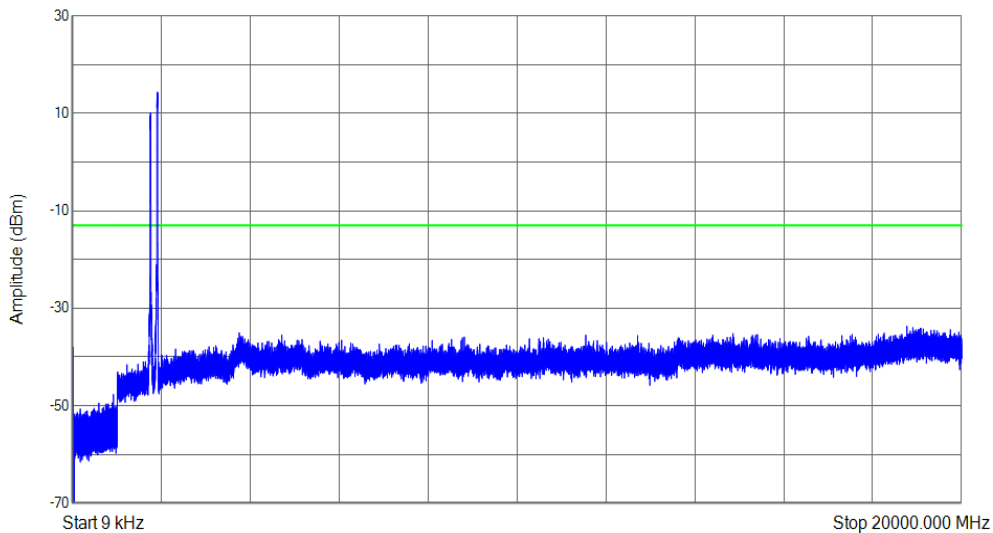
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-40.46	-13
2	0.15	30	10	0.16	-50.74	-13
3	30	1000	100	600.68	-49.46	-13
4	1000	20000	1000	18221.6	-32.8	-13

2A-4A QPSK PCC BW=20MHz Ch=1100 RB=1@0,SCC BW=20MHz Ch=2300 RB=1@99



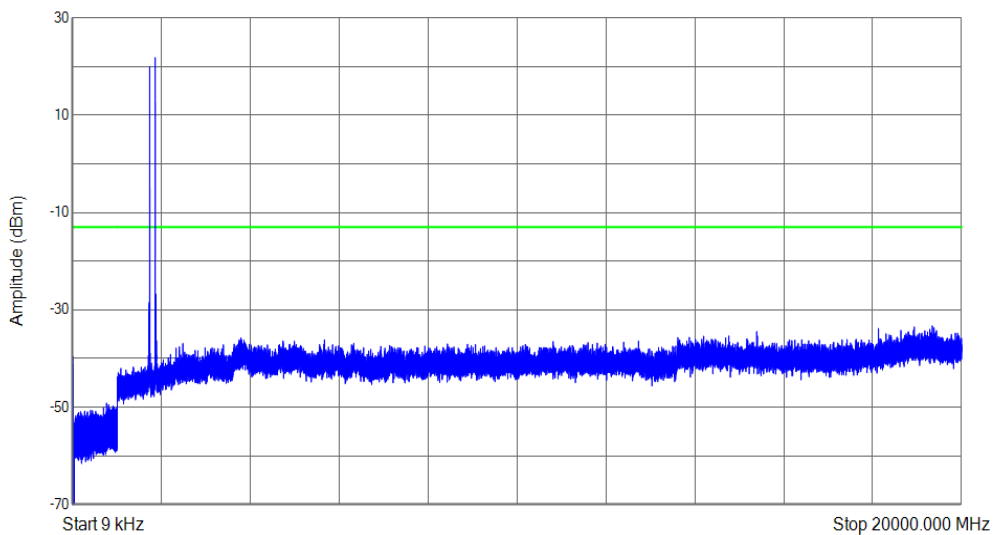
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-39.77	-13
2	0.15	30	10	0.16	-49.51	-13
3	30	1000	100	946.97	-49.74	-13
4	1000	20000	1000	18690.9	-33.56	-13

2A-4A QPSK PCC BW=20MHz Ch=1100 RB=100@0,SCC BW=20MHz Ch=2300 RB=100@0



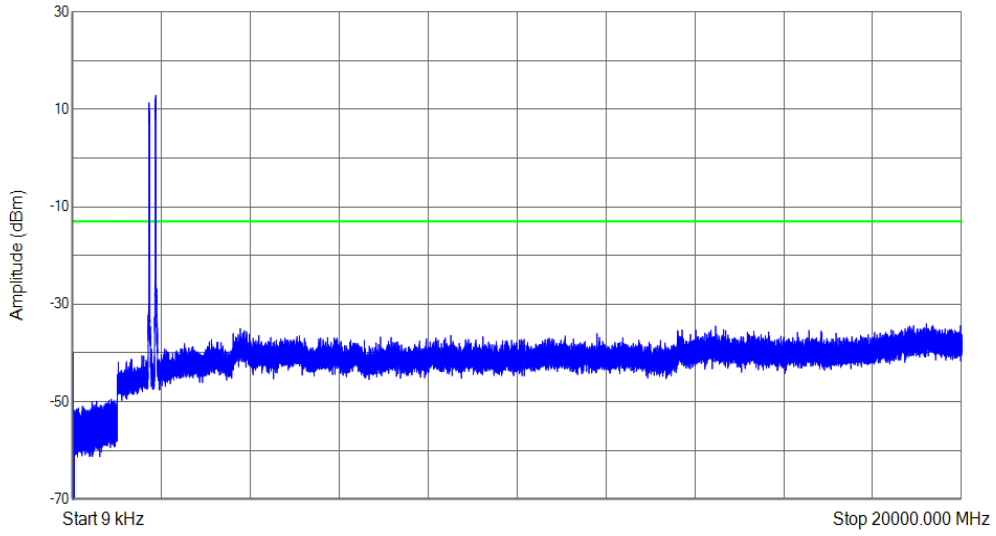
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.1	-13
2	0.15	30	10	0.15	-49.48	-13
3	30	1000	100	913.15	-47.7	-13
4	1000	20000	1000	18768.8	-33.7	-13

2A-4A QPSK PCC BW=20MHz Ch=700 RB=1 @0,SCC BW=20MHz Ch=2050 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	-39.68	-13
2	0.15	30	10	0.18	-51.47	-13
3	30	1000	100	758.37	-49.18	-13
4	1000	20000	1000	19340.07	-33.31	-13

2A-4A QPSK PCC BW=20MHz Ch=700 RB=100 @0,SCC BW=20MHz Ch=2050 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	-40.13	-13
2	0.15	30	10	0.19	-52.18	-13
3	30	1000	100	865.75	-49.51	-13
4	1000	20000	1000	19207.7	-34.01	-13