

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

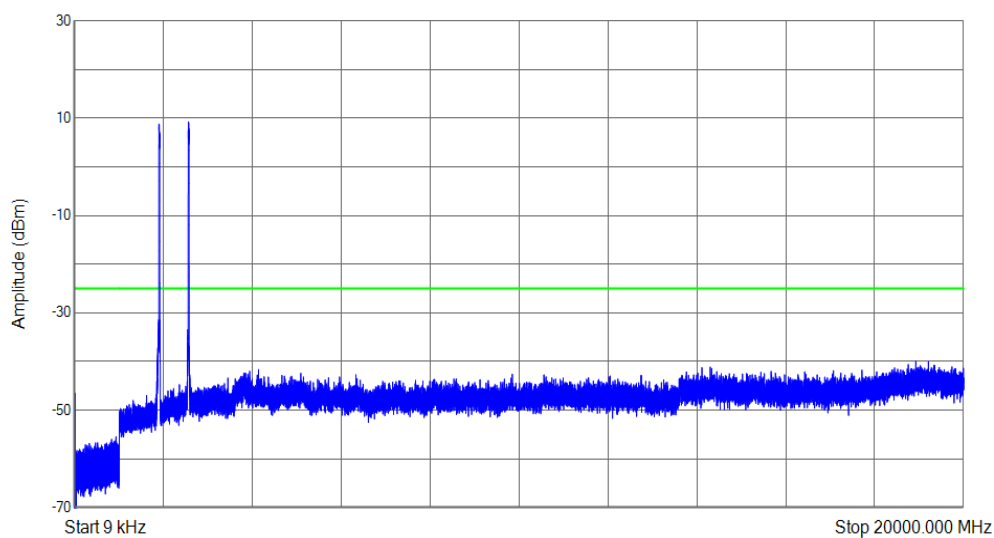
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
2A-7 A	5	625	1@0	5	277 5	1@24	QPSK	19.94	0	19.94	98.72	2000	PASS
2A-7 A	5	625	1@24	5	277 5	1@0	QPSK	19.86	0	19.86	96.72	2000	PASS
2A-7 A	5	625	25@0	5	277 5	25@0	QPSK	19.98	0	19.98	99.63	2000	PASS
2A-7 A	5	625	1@0	5	277 5	1@24	16QAM	20.00	0	20.00	100.0 8	2000	PASS
2A-7 A	5	625	1@24	5	277 5	1@0	16QAM	19.96	0	19.96	99.17	2000	PASS
2A-7 A	5	625	25@0	5	277 5	25@0	16QAM	19.96	0	19.96	99.17	2000	PASS
2A-7 A	5	117 5	1@0	5	342 5	1@24	QPSK	19.84	0	19.84	96.28	2000	PASS
2A-7 A	5	117 5	1@24	5	342 5	1@0	QPSK	19.93	0	19.93	98.50	2000	PASS
2A-7 A	5	117 5	25@0	5	342 5	25@0	QPSK	20.01	0	20.01	100.3 1	2000	PASS
2A-7 A	5	117 5	1@0	5	342 5	1@24	16QAM	20.19	0	20.19	104.5 1	2000	PASS
2A-7 A	5	117 5	1@24	5	342 5	1@0	16QAM	20.28	0	20.28	106.6 8	2000	PASS
2A-7 A	5	117 5	25@0	5	342 5	25@0	16QAM	19.97	0	19.97	99.40	2000	PASS
2A-7 A	20	700	1@0	20	285 0	1@99	QPSK	23.16	0	23.16	207.1 8	2000	PASS
2A-7 A	20	700	1@99	20	285 0	1@0	QPSK	23.24	0	23.24	210.7 2	2000	PASS
2A-7 A	20	700	100@ 0	20	285 0	100@ 0	QPSK	23.21	0	23.21	209.1 8	2000	PASS
2A-7 A	20	700	1@0	20	285 0	1@99	16QAM	23.02	0	23.02	200.2 3	2000	PASS
2A-7 A	20	700	1@99	20	285 0	1@0	16QAM	23.08	0	23.08	203.3 3	2000	PASS
2A-7 A	20	700	100@ 0	20	285 0	100@ 0	16QAM	23.29	0	23.29	213.3 3	2000	PASS
2A-7	20	110	1@0	20	335	1@99	QPSK	23.22	0	23.22	209.7	2000	PASS

A		0			0						5		
2A-7	20	110	1@99	20	335	1@0	QPSK	23.27	0	23.27	212.2	2000	PASS
A		0			0						3		
2A-7	20	110	100@	20	335	100@	QPSK	23.46	0	23.46	221.7	2000	PASS
A		0	0		0	0					0		
2A-7	20	110	1@0	20	335	1@99	16QAM	22.91	0	22.91	195.2	2000	PASS
A		0			0						4		
2A-7	20	110	1@99	20	335	1@0	16QAM	22.90	0	22.90	195.1	2000	PASS
A		0			0						6		
2A-7	20	110	100@	20	335	100@	16QAM	19.55	0	19.55	90.13	2000	PASS
A		0	0		0	0							

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

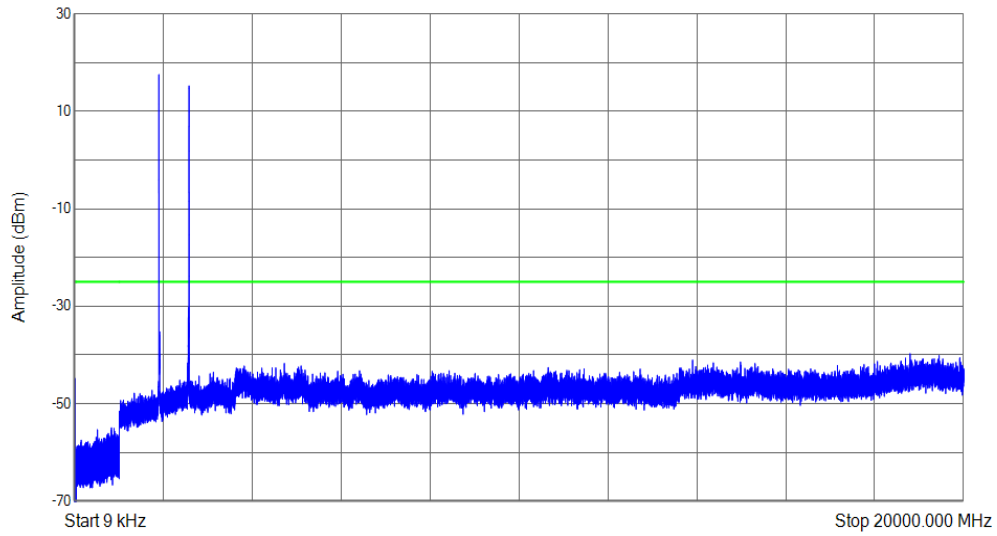
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
2A-7A	5	625	1@0	5	2775	1@24	QPSK	18672.53	-40.37	-25	PASS
2A-7A	5	625	25@0	5	2775	25@0	QPSK	19189.97	-39.00	-25	PASS
2A-7A	5	625	1@0	5	2775	1@24	16QAM	18669.37	-40.14	-25	PASS
2A-7A	5	625	25@0	5	2775	25@0	16QAM	19610.50	-39.52	-25	PASS
2A-7A	5	1175	1@0	5	3425	1@24	QPSK	19108.27	-39.75	-25	PASS
2A-7A	5	1175	25@0	5	3425	25@0	QPSK	19497.77	-39.07	-25	PASS
2A-7A	5	1175	1@0	5	3425	1@24	16QAM	18990.47	-39.87	-25	PASS
2A-7A	5	1175	25@0	5	3425	25@0	16QAM	18945.50	-40.24	-25	PASS
2A-7A	20	700	1@0	20	2850	1@99	QPSK	19136.13	-39.61	-25	PASS
2A-7A	20	700	100@0	20	2850	100@0	QPSK	19405.30	-39.33	-25	PASS
2A-7A	20	700	1@0	20	2850	1@99	16QAM	18740.30	-38.59	-25	PASS
2A-7A	20	700	100@0	20	2850	100@0	16QAM	19089.90	-40.47	-25	PASS
2A-7A	20	1100	1@0	20	3350	1@99	QPSK	18757.40	-40.00	-25	PASS
2A-7A	20	1100	100@0	20	3350	100@0	QPSK	15274.07	-39.69	-25	PASS
2A-7A	20	1100	1@0	20	3350	1@99	16QAM	18795.40	-39.75	-25	PASS
2A-7A	20	1100	100@0	20	3350	100@0	16QAM	18925.23	-39.95	-25	PASS

2A-7A 16QAM PCC BW=20MHz Ch=1100 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



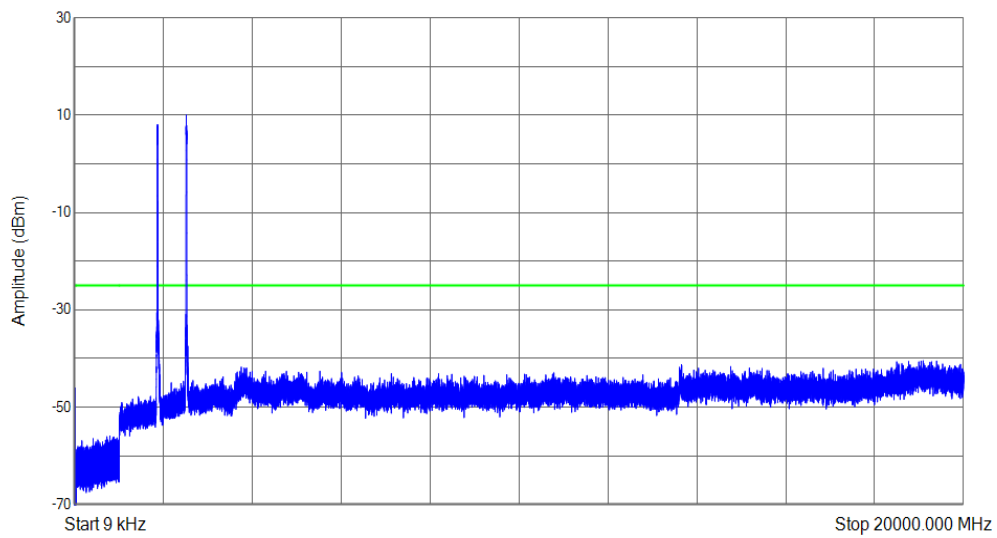
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.62	-25
2	0.15	30	10	0.15	-56.68	-25
3	30	1000	100	927.41	-55.46	-25
4	1000	20000	1000	18925.23	-39.95	-25

2A-7A 16QAM PCC BW=20MHz Ch=1100 RB=1@0,SCC BW=20MHz Ch=3350 RB=1@99



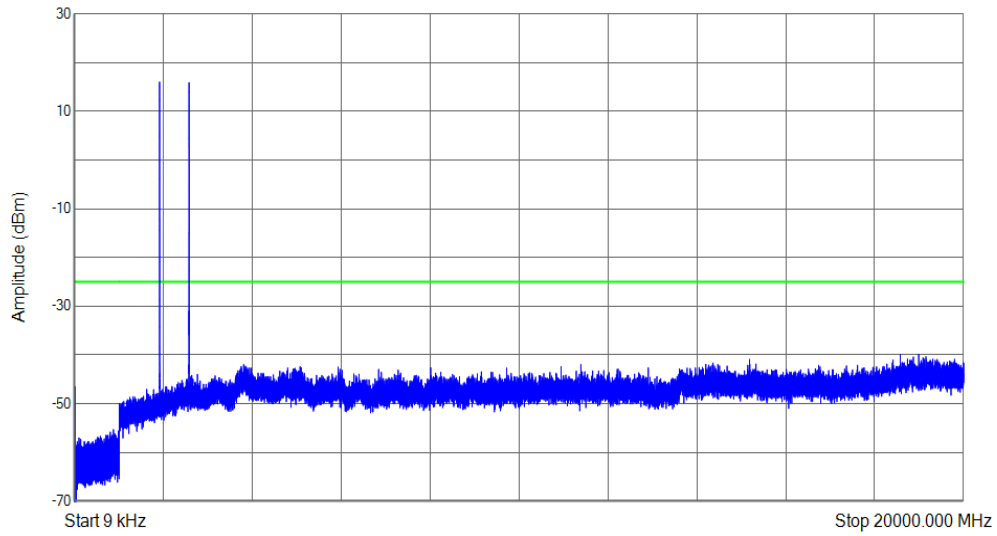
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-44.87	-25
2	0.15	30	10	0.16	-57.86	-25
3	30	1000	100	823.69	-54.95	-25
4	1000	20000	1000	18795.4	-39.75	-25

2A-7A 16QAM PCC BW=20MHz Ch=700 RB=100@0,SCC BW=20MHz Ch=2850 RB=100@0



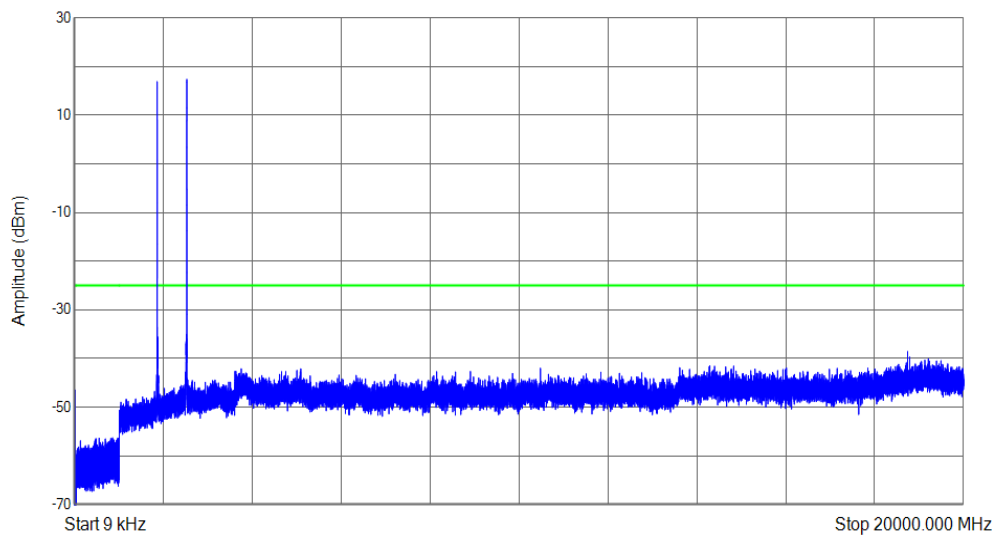
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.14	-25
2	0.15	30	10	0.16	-56.82	-25
3	30	1000	100	788.31	-55.92	-25
4	1000	20000	1000	19089.9	-40.47	-25

2A-7A 16QAM PCC BW=5MHz Ch=1175 RB=1@0,SCC BW=5MHz Ch=3425 RB=1@24



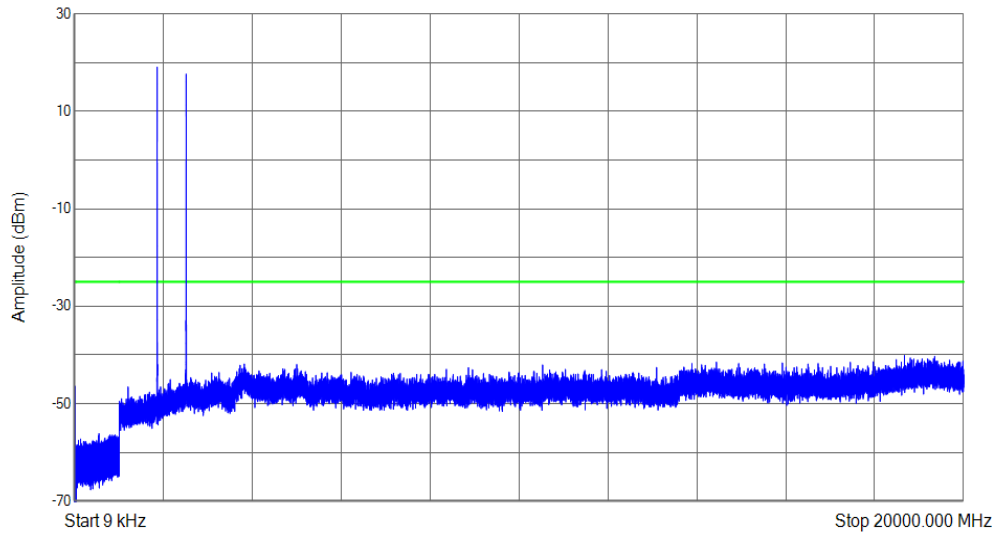
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-46.53	-25
2	0.15	30	10	0.18	-56.55	-25
3	30	1000	100	867.66	-55.33	-25
4	1000	20000	1000	18990.47	-39.87	-25

2A-7A 16QAM PCC BW=20MHz Ch=700 RB=1@0,SCC BW=20MHz Ch=2850 RB=1@99



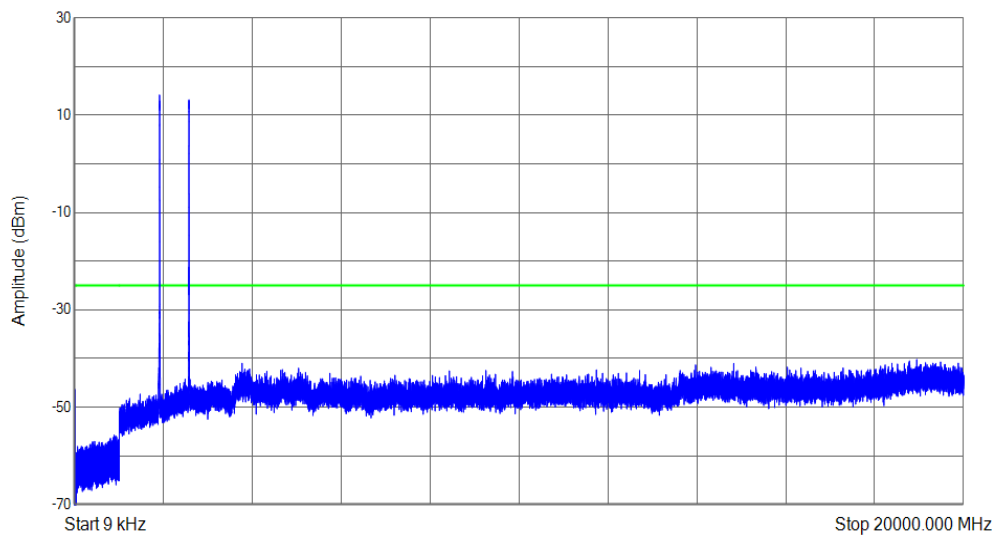
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.49	-25
2	0.15	30	10	0.16	-58.28	-25
3	30	1000	100	847.48	-56.3	-25
4	1000	20000	1000	18740.3	-38.59	-25

2A-7A 16QAM PCC BW=5MHz Ch=625 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24



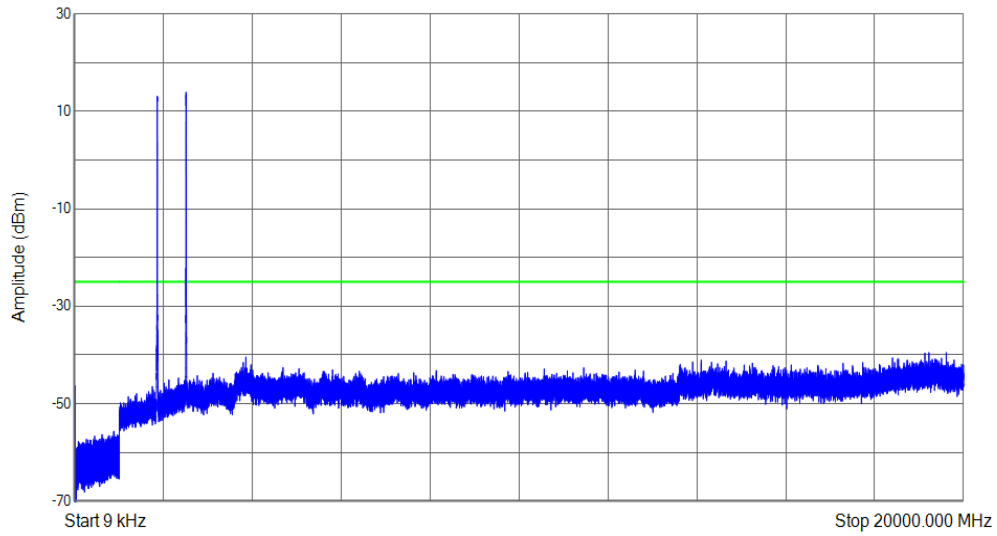
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.46	-25
2	0.15	30	10	0.15	-55.58	-25
3	30	1000	100	543.49	-56.16	-25
4	1000	20000	1000	18669.37	-40.14	-25

2A-7A 16QAM PCC BW=5MHz Ch=1175 RB=25@0,SCC BW=5MHz Ch=3425 RB=25@0



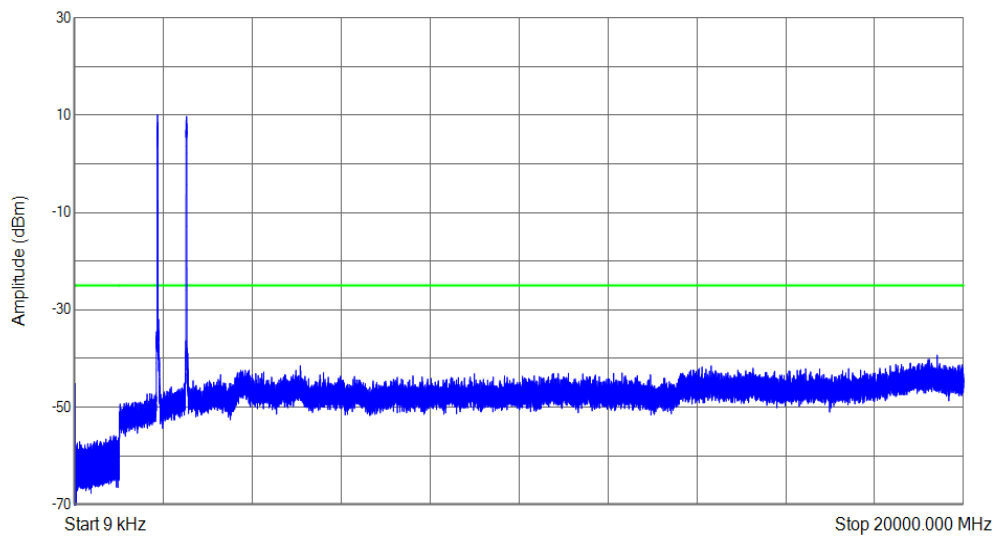
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.45	-25
2	0.15	30	10	0.17	-57.45	-25
3	30	1000	100	884.15	-55.76	-25
4	1000	20000	1000	18945.5	-40.24	-25

2A-7A 16QAM PCC BW=5MHz Ch=625 RB=25@0,SCC BW=5MHz Ch=2775 RB=25@0



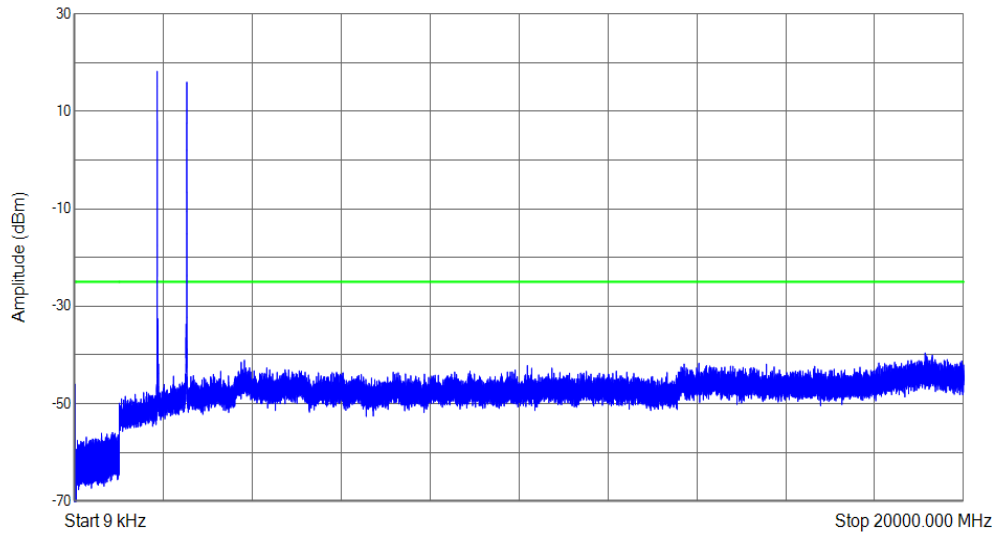
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-46.42	-25
2	0.15	30	10	0.17	-57.2	-25
3	30	1000	100	883.21	-55.75	-25
4	1000	20000	1000	19610.5	-39.52	-25

2A-7A QPSK PCC BW=20MHz Ch=700 RB=100@0,SCC BW=20MHz Ch=2850 RB=100@0



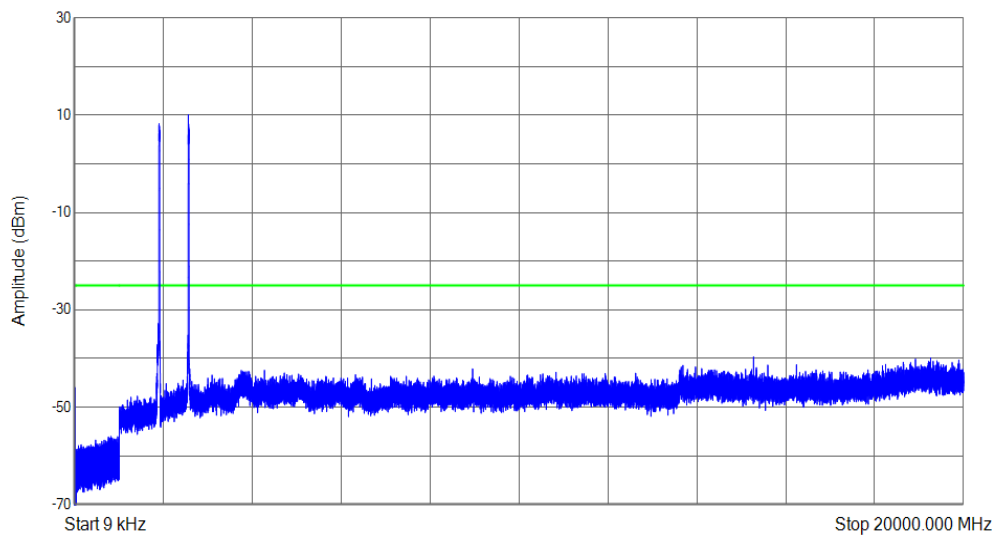
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.19	-25
2	0.15	30	10	0.15	-56.7	-25
3	30	1000	100	873.96	-55.85	-25
4	1000	20000	1000	19405.3	-39.33	-25

2A-7A QPSK PCC BW=20MHz Ch=700 RB=1@0,SCC BW=20MHz Ch=2850 RB=1@99



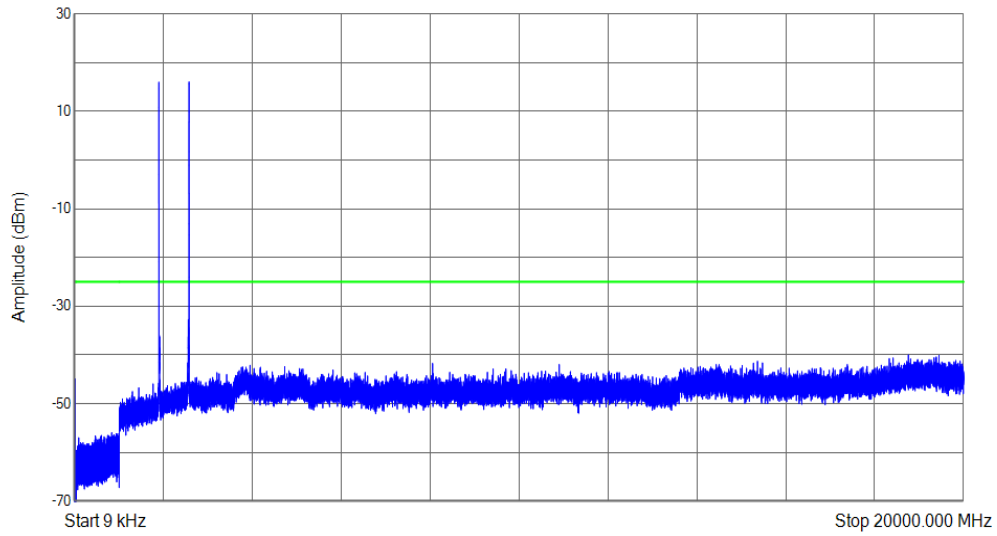
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.02	-25
2	0.15	30	10	0.16	-57.28	-25
3	30	1000	100	847.61	-55.91	-25
4	1000	20000	1000	19136.13	-39.61	-25

2A-7A QPSK PCC BW=20MHz Ch=1100 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



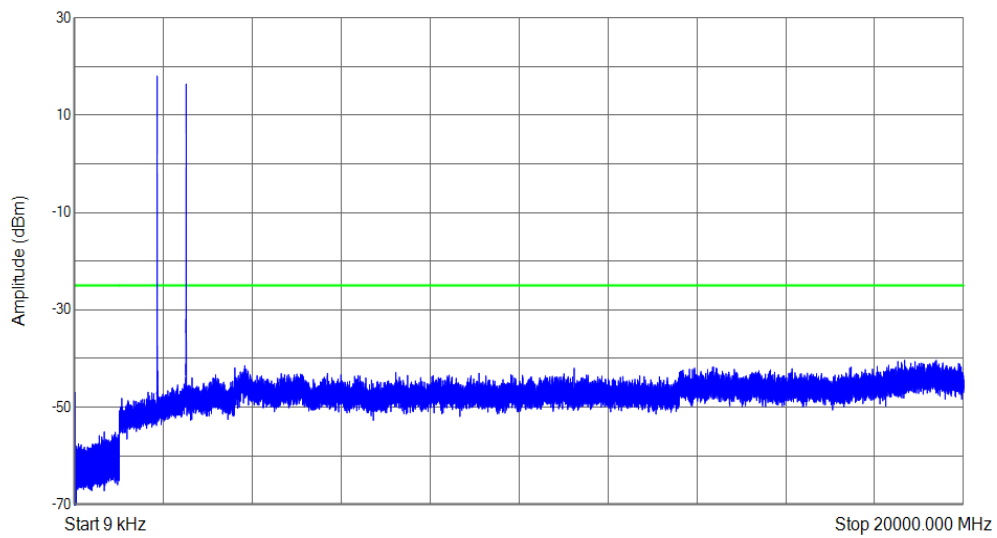
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.01	-25
2	0.15	30	10	0.16	-57.5	-25
3	30	1000	100	810.85	-56.03	-25
4	1000	20000	1000	15274.07	-39.69	-25

2A-7A QPSK PCC BW=20MHz Ch=1100 RB=1@0,SCC BW=20MHz Ch=3350 RB=1@99



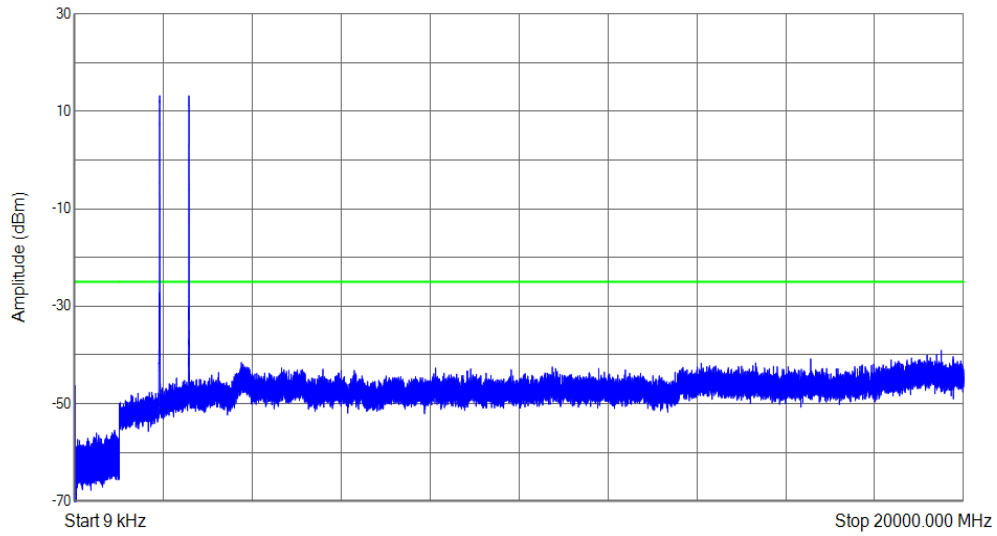
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.01	-25
2	0.15	30	10	0.15	-57.33	-25
3	30	1000	100	830.51	-55.96	-25
4	1000	20000	1000	18757.4	-40	-25

2A-7A QPSK PCC BW=5MHz Ch=625 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24



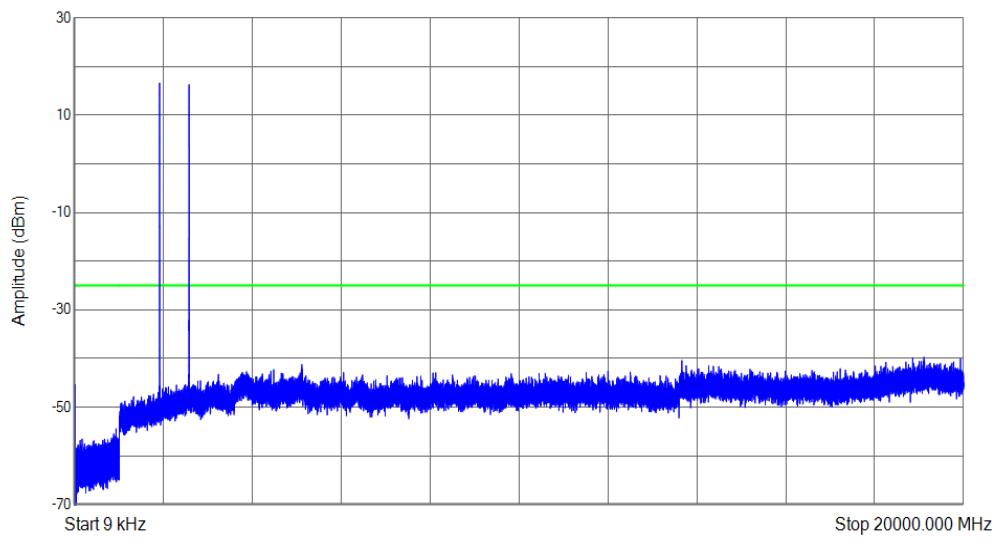
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-47.09	-25
2	0.15	30	10	0.16	-57.59	-25
3	30	1000	100	660.44	-55.09	-25
4	1000	20000	1000	18672.53	-40.37	-25

2A-7A QPSK PCC BW=5MHz Ch=1175 RB=25@0,SCC BW=5MHz Ch=3425 RB=25@0



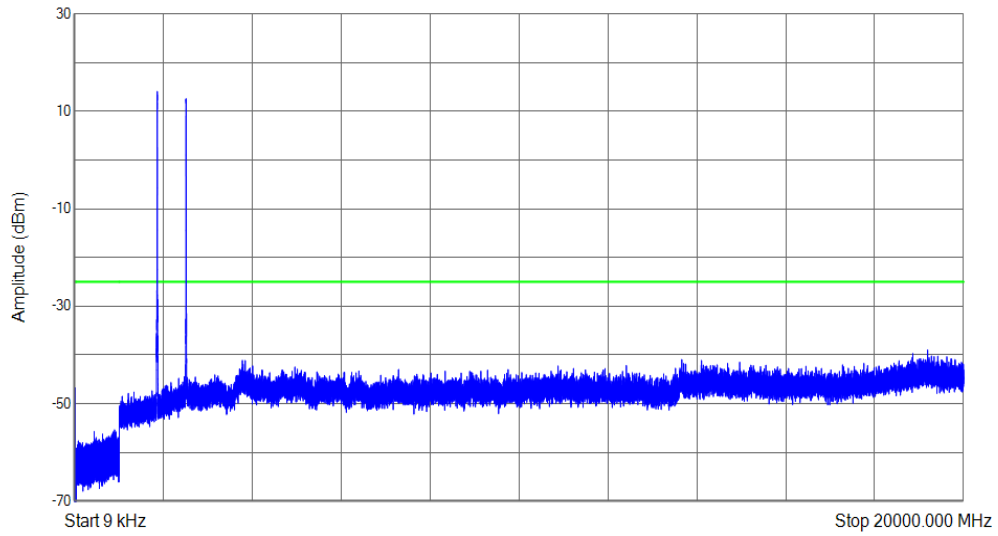
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.37	-25
2	0.15	30	10	0.16	-57.36	-25
3	30	1000	100	894.33	-55.46	-25
4	1000	20000	1000	19497.77	-39.07	-25

2A-7A QPSK PCC BW=5MHz Ch=1175 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	-45.42	-25
2	0.15	30	10	0.15	-56.06	-25
3	30	1000	100	925.31	-54.45	-25
4	1000	20000	1000	19108.27	-39.75	-25

2A-7A QPSK PCC BW=5MHz Ch=625 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	-46.84	-25
2	0.15	30	10	0.15	-55.54	-25
3	30	1000	100	893.62	-55.38	-25
4	1000	20000	1000	19189.97	-39	-25