

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

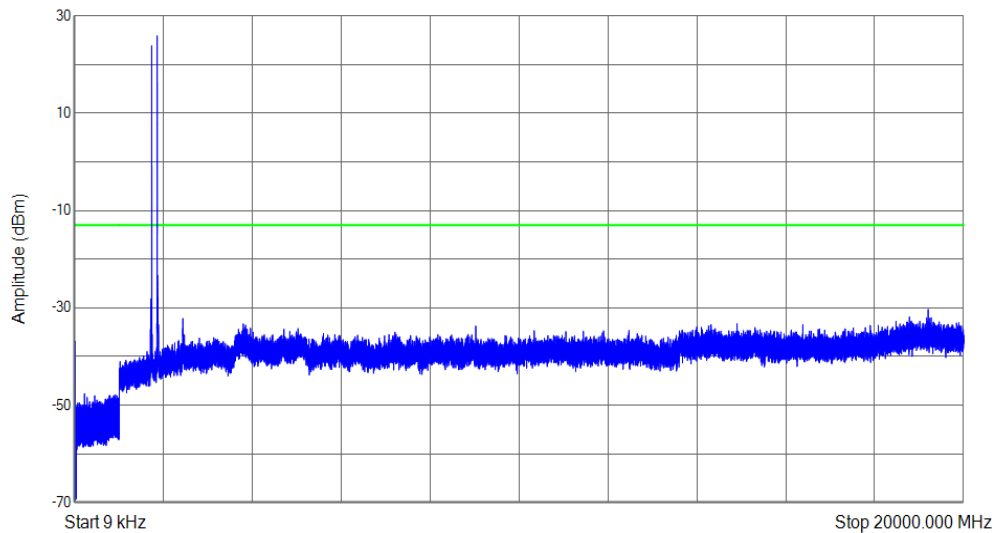
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
2A-4 A	5	625	1@0	5	197 5	1@24	QPSK	21.76	0	21.76	149.9 4	2000	PASS
2A-4 A	5	625	1@24	5	197 5	1@0	QPSK	21.51	0	21.51	141.6 0	2000	PASS
2A-4 A	5	625	25@0	5	197 5	25@0	QPSK	21.66	0	21.66	146.5 5	2000	PASS
2A-4 A	5	625	1@0	5	197 5	1@24	16QAM	22.00	0	22.00	158.4 0	2000	PASS
2A-4 A	5	625	1@24	5	197 5	1@0	16QAM	21.78	0	21.78	150.6 2	2000	PASS
2A-4 A	5	625	25@0	5	197 5	25@0	16QAM	21.67	0	21.67	146.8 8	2000	PASS
2A-4 A	5	117 5	1@0	5	237 5	1@24	QPSK	23.00	0	23.00	199.4 0	2000	PASS
2A-4 A	5	117 5	1@24	5	237 5	1@0	QPSK	23.80	0	23.80	239.9 2	2000	PASS
2A-4 A	5	117 5	25@0	5	237 5	25@0	QPSK	23.49	0	23.49	223.2 5	2000	PASS
2A-4 A	5	117 5	1@0	5	237 5	1@24	16QAM	22.89	0	22.89	194.5 1	2000	PASS
2A-4 A	5	117 5	1@24	5	237 5	1@0	16QAM	23.68	0	23.68	233.4 0	2000	PASS
2A-4 A	5	117 5	25@0	5	237 5	25@0	16QAM	23.50	0	23.50	223.7 9	2000	PASS
2A-4 A	20	700	1@0	20	205 0	1@99	QPSK	23.37	0	23.37	217.2 0	2000	PASS
2A-4 A	20	700	1@99	20	205 0	1@0	QPSK	22.81	0	22.81	190.8 4	2000	PASS
2A-4 A	20	700	100@ 0	20	205 0	100@ 0	QPSK	22.73	0	22.73	187.2 9	2000	PASS
2A-4 A	20	700	1@0	20	205 0	1@99	16QAM	23.12	0	23.12	204.9 3	2000	PASS
2A-4 A	20	700	1@99	20	205 0	1@0	16QAM	22.61	0	22.61	182.3 7	2000	PASS
2A-4 A	20	700	100@ 0	20	205 0	100@ 0	16QAM	22.68	0	22.68	185.2 4	2000	PASS
2A-4	20	110	1@0	20	230	1@99	QPSK	23.76	0	23.76	237.5	2000	PASS

A		0			0						6		
2A-4	20	110	1@99	20	230	1@0	QPSK	23.60	0	23.60	229.1	2000	PASS
A		0			0						9		
2A-4	20	110	100@	20	230	100@	QPSK	22.71	0	22.71	186.8	2000	PASS
A		0	0		0	0					3		
2A-4	20	110	1@0	20	230	1@99	16QAM	23.50	0	23.50	223.8	2000	PASS
A		0			0						1		
2A-4	20	110	1@99	20	230	1@0	16QAM	23.35	0	23.35	216.3	2000	PASS
A		0			0						9		
2A-4	20	110	100@	20	230	100@	16QAM	22.73	0	22.73	187.4	2000	PASS
A		0	0		0	0					2		

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

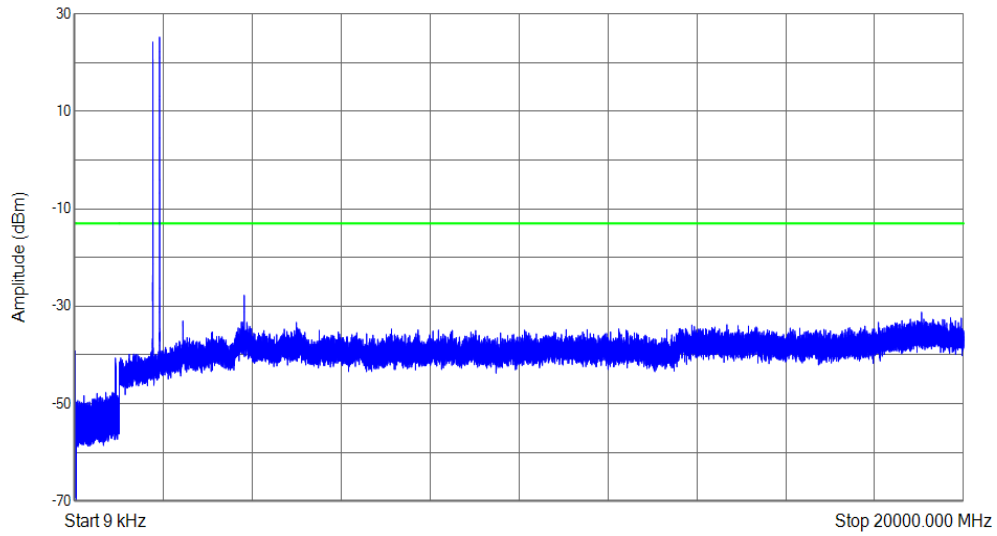
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
2A-4A	5	625	1@0	5	1975	1@24	QPSK	19170.97	-31.51	-13	PASS
2A-4A	5	625	25@0	5	1975	25@0	QPSK	18662.40	-30.58	-13	PASS
2A-4A	5	625	1@0	5	1975	1@24	16QAM	15267.73	-31.72	-13	PASS
2A-4A	5	625	25@0	5	1975	25@0	16QAM	19993.03	-31.84	-13	PASS
2A-4A	5	1175	1@0	5	2375	1@24	QPSK	3810.73	-29.54	-13	PASS
2A-4A	5	1175	25@0	5	2375	25@0	QPSK	3815.17	-31.48	-13	PASS
2A-4A	5	1175	1@0	5	2375	1@24	16QAM	3810.73	-27.76	-13	PASS
2A-4A	5	1175	25@0	5	2375	25@0	16QAM	19281.17	-31.39	-13	PASS
2A-4A	20	700	1@0	20	2050	1@99	QPSK	19462.30	-32.16	-13	PASS
2A-4A	20	700	100@0	20	2050	100@0	QPSK	19846.10	-31.40	-13	PASS
2A-4A	20	700	1@0	20	2050	1@99	16QAM	19202.00	-30.34	-13	PASS
2A-4A	20	700	100@0	20	2050	100@0	16QAM	19323.60	-30.82	-13	PASS
2A-4A	20	1100	1@0	20	2300	1@99	QPSK	3782.23	-31.46	-13	PASS
2A-4A	20	1100	100@0	20	2300	100@0	QPSK	19031.63	-31.36	-13	PASS
2A-4A	20	1100	1@0	20	2300	1@99	16QAM	3782.23	-29.79	-13	PASS
2A-4A	20	1100	100@0	20	2300	100@0	16QAM	19250.13	-30.54	-13	PASS

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



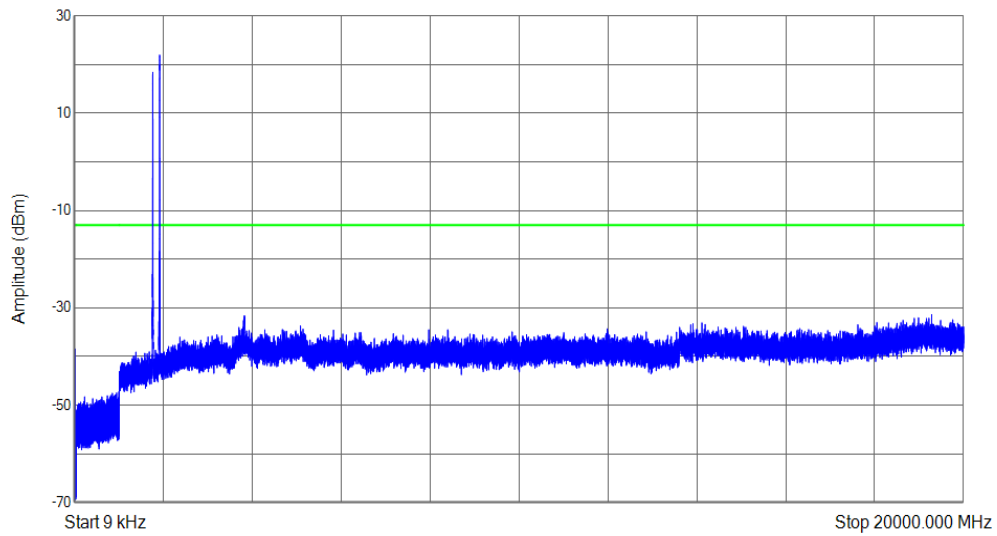
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.89	-13
2	0.15	30	10	0.15	-48.78	-13
3	30	1000	100	217.99	-47.65	-13
4	1000	20000	1000	19202	-30.34	-13

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



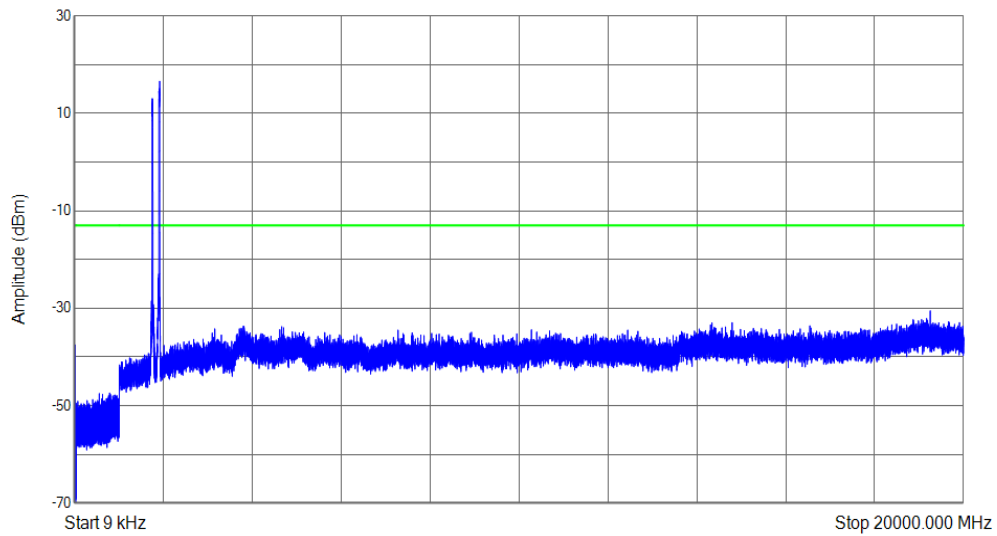
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.23	-13
2	0.15	30	10	0.17	-47.45	-13
3	30	1000	100	911.86	-40.65	-13
4	1000	20000	1000	3810.73	-27.76	-13

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



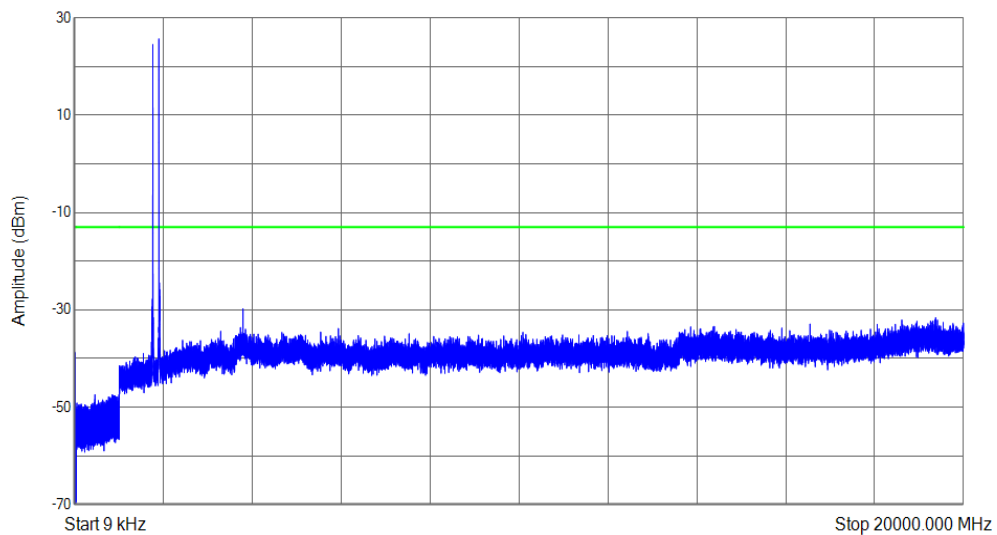
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.47	-13
2	0.15	30	10	0.17	-49.74	-13
3	30	1000	100	991.98	-47.23	-13
4	1000	20000	1000	19281.17	-31.39	-13

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



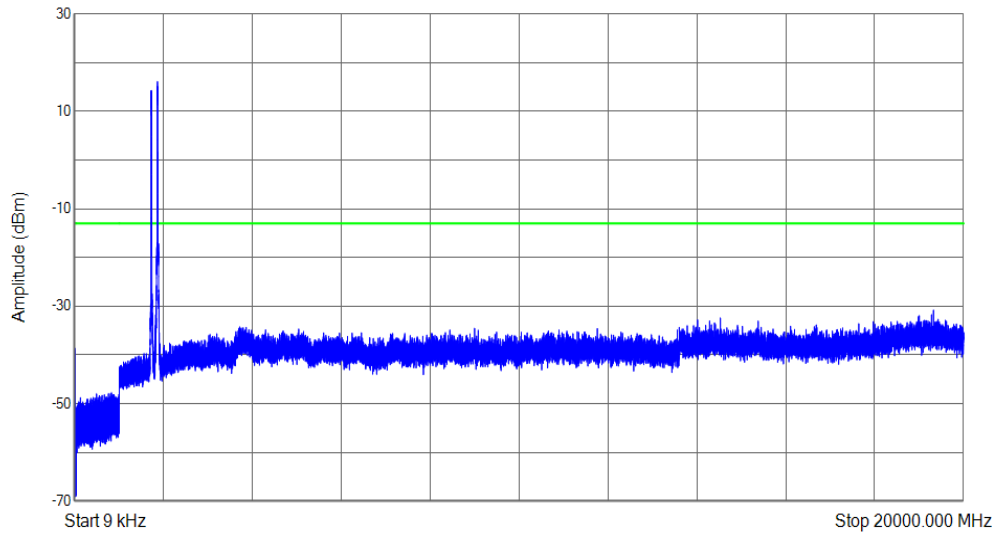
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.55	-13
2	0.15	30	10	0.16	-49.77	-13
3	30	1000	100	781.33	-47.42	-13
4	1000	20000	1000	19250.13	-30.54	-13

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



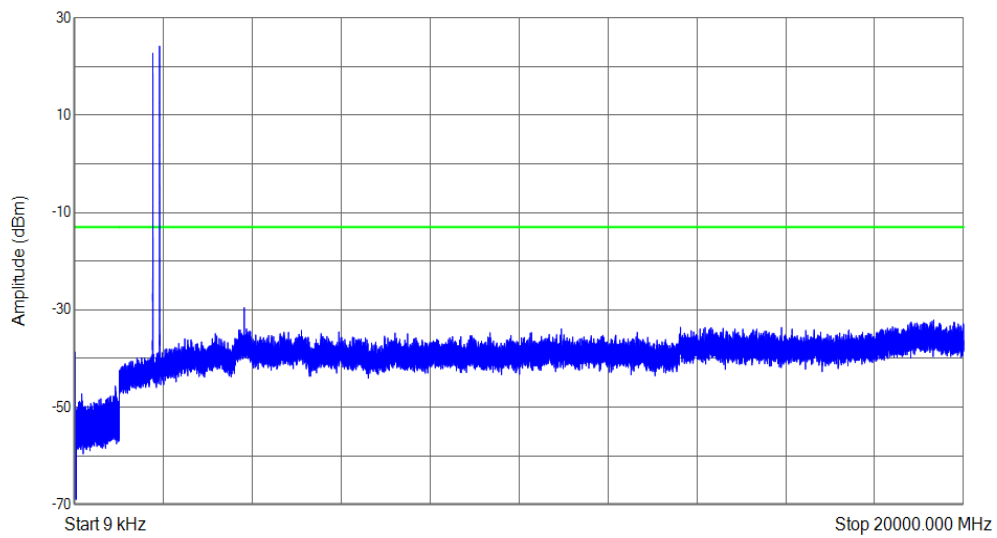
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.86	-13
2	0.15	30	10	0.15	-49.95	-13
3	30	1000	100	451.3	-47.44	-13
4	1000	20000	1000	3782.23	-29.79	-13

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



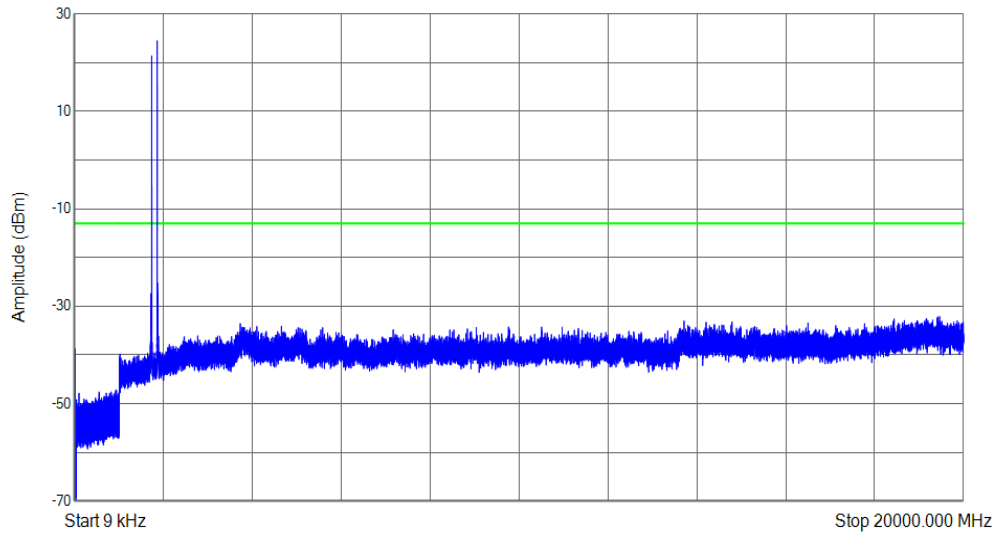
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.65	-13
2	0.15	30	10	0.15	-46.7	-13
3	30	1000	100	823.56	-47.77	-13
4	1000	20000	1000	19323.6	-30.82	-13

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



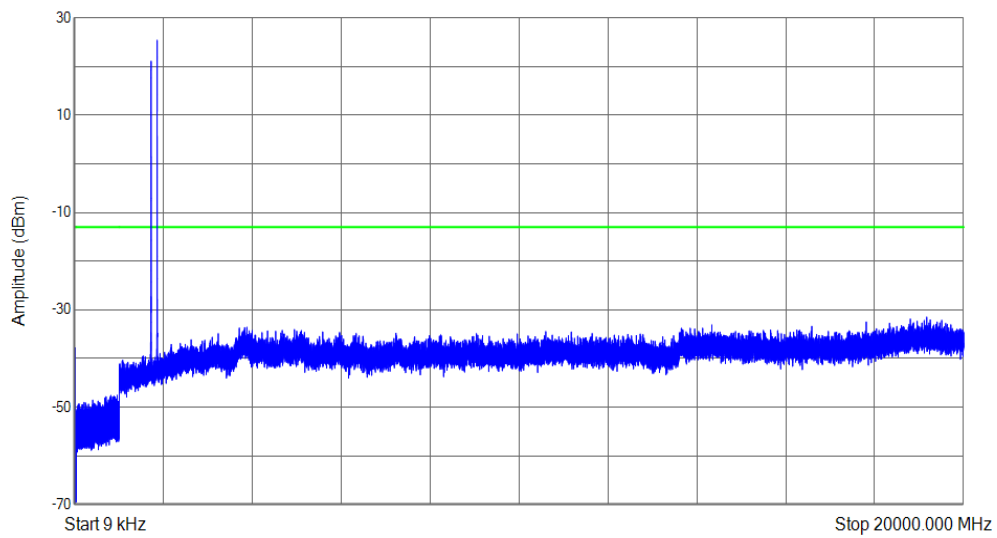
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.69	-13
2	0.15	30	10	0.16	-48.08	-13
3	30	1000	100	909.82	-45.67	-13
4	1000	20000	1000	3810.73	-29.54	-13

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



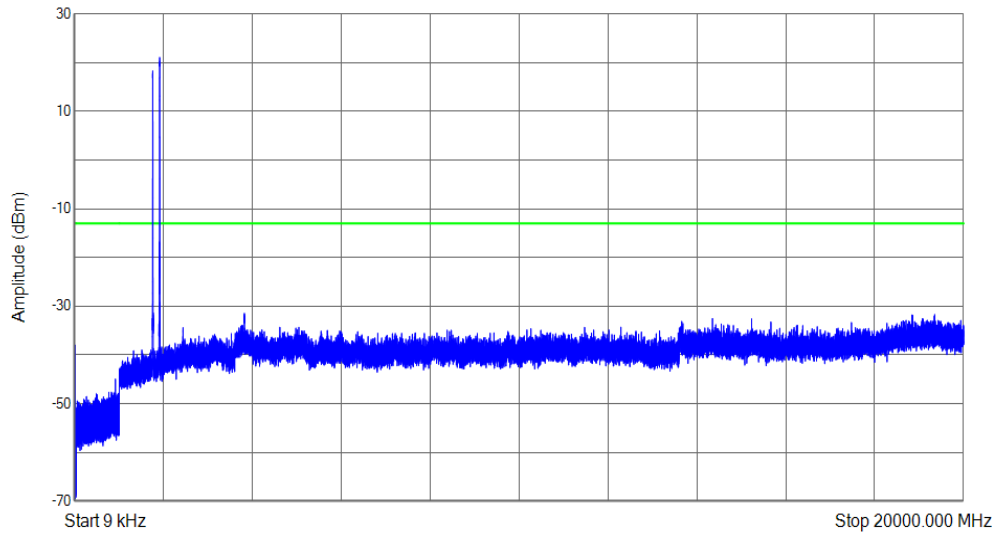
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.81	-13
2	0.15	30	10	0.15	-48.96	-13
3	30	1000	100	936.56	-47.19	-13
4	1000	20000	1000	19462.3	-32.16	-13

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



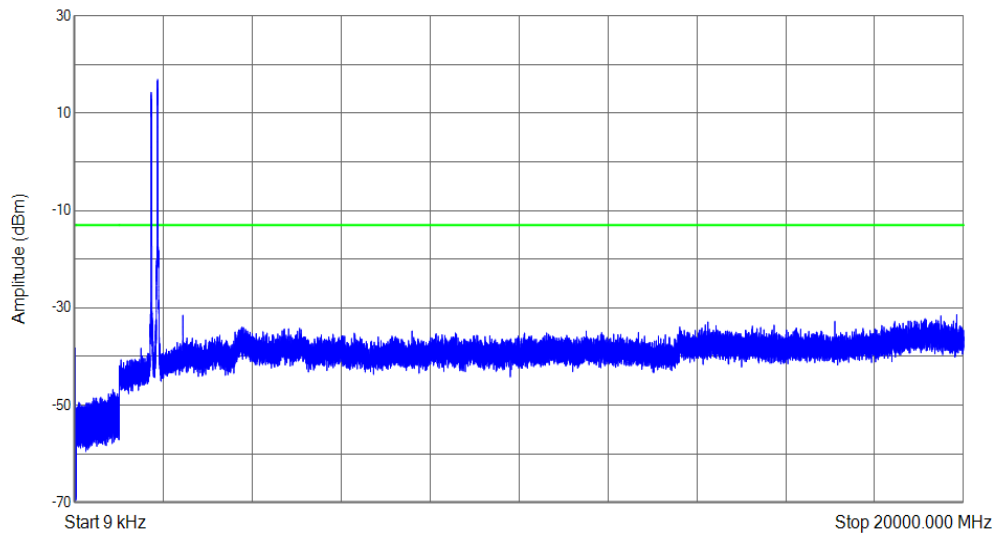
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-37.86	-13
2	0.15	30	10	0.17	-48.01	-13
3	30	1000	100	952.02	-47.56	-13
4	1000	20000	1000	19170.97	-31.51	-13

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



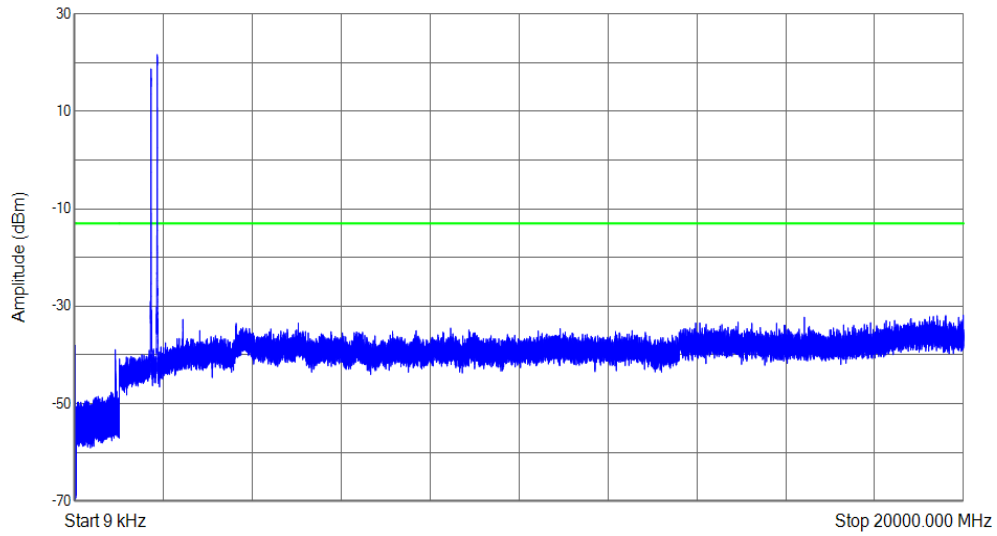
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38	-13
2	0.15	30	10	0.16	-48.07	-13
3	30	1000	100	912.54	-44.96	-13
4	1000	20000	1000	3815.17	-31.48	-13

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



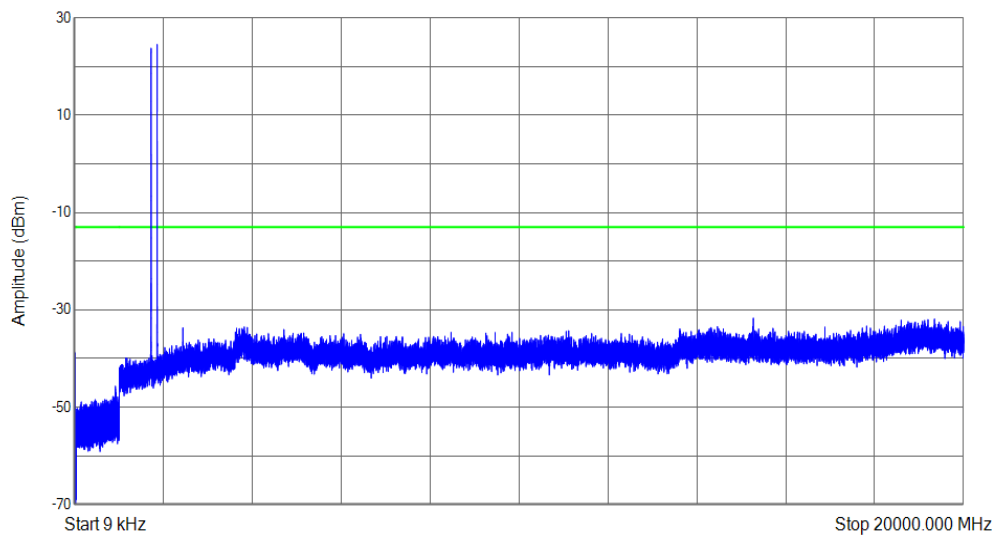
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.3	-13
2	0.15	30	10	0.18	-50.85	-13
3	30	1000	100	855.92	-46.8	-13
4	1000	20000	1000	19846.1	-31.4	-13

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



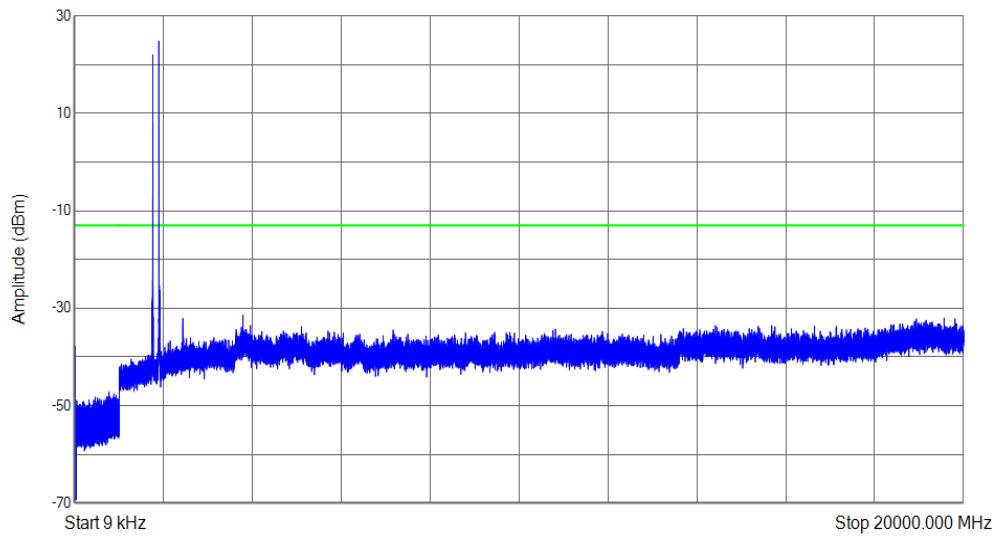
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.06	-13
2	0.15	30	10	0.16	-49.87	-13
3	30	1000	100	910.08	-38.92	-13
4	1000	20000	1000	19993.03	-31.84	-13

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



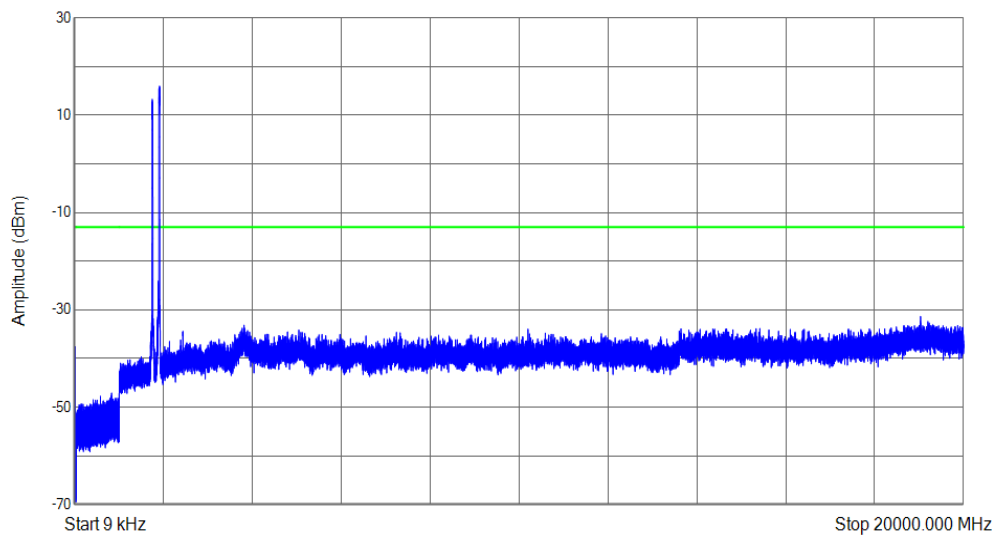
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-38.88	-13
2	0.15	30	10	0.15	-49.8	-13
3	30	1000	100	911.67	-45.71	-13
4	1000	20000	1000	15267.73	-31.72	-13

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



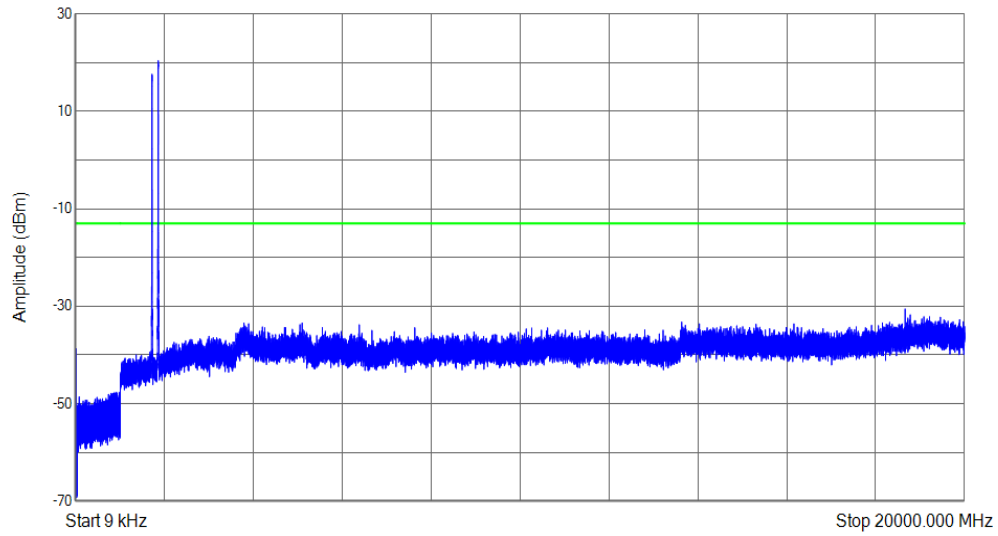
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.86	-13
2	0.15	30	10	0.15	-48.4	-13
3	30	1000	100	768.43	-47.16	-13
4	1000	20000	1000	3782.23	-31.46	-13

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	-37.7	-13
2	0.15	30	10	0.15	-49.22	-13
3	30	1000	100	827.15	-47.12	-13
4	1000	20000	1000	19031.63	-31.36	-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	-38.8	-13
2	0.15	30	10	0.15	-49.92	-13
3	30	1000	100	911.41	-47.69	-13
4	1000	20000	1000	18662.4	-30.58	-13