

TABLE OF CONTENTS

01 Conducted output power for inter-band CA2

06 Out-of-band emissions for inter-band CA.....4

01 Conducted output power for inter-band CA

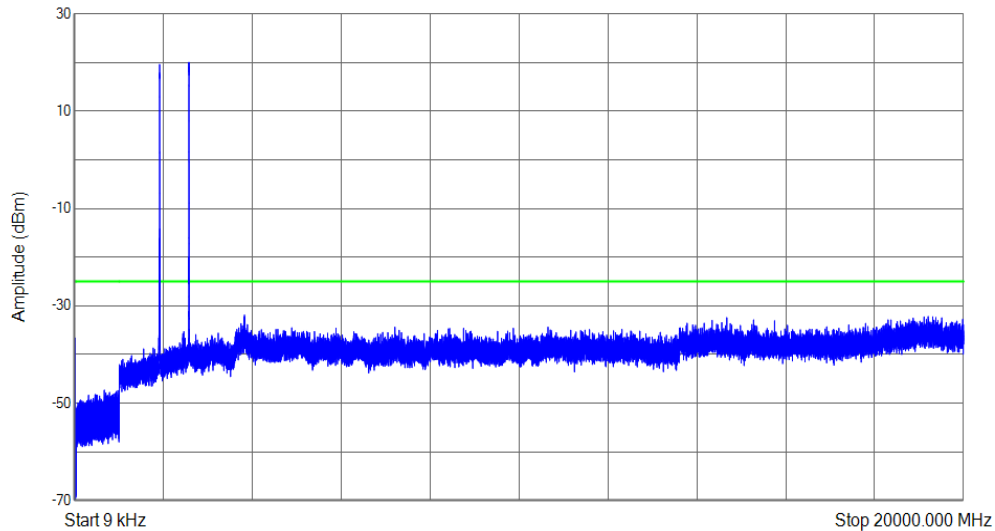
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
2A-7 A	5	625	1@0	5	277 5	1@24	QPSK	22.75	0	22.75	188.5 6	2000	PASS
2A-7 A	5	625	1@24	5	277 5	1@0	QPSK	23.37	0	23.37	217.3 4	2000	PASS
2A-7 A	5	625	25@0	5	277 5	25@0	QPSK	22.76	0	22.76	188.9 9	2000	PASS
2A-7 A	5	625	1@0	5	277 5	1@24	16QAM	22.15	0	22.15	164.1 9	2000	PASS
2A-7 A	5	625	1@24	5	277 5	1@0	16QAM	23.28	0	23.28	212.8 9	2000	PASS
2A-7 A	5	625	25@0	5	277 5	25@0	16QAM	22.81	0	22.81	190.8 9	2000	PASS
2A-7 A	5	117 5	1@0	5	342 5	1@24	QPSK	22.86	0	22.86	193.3 7	2000	PASS
2A-7 A	5	117 5	1@24	5	342 5	1@0	QPSK	22.97	0	22.97	198.0 3	2000	PASS
2A-7 A	5	117 5	25@0	5	342 5	25@0	QPSK	22.86	0	22.86	193.1 6	2000	PASS
2A-7 A	5	117 5	1@0	5	342 5	1@24	16QAM	22.94	0	22.94	196.6 8	2000	PASS
2A-7 A	5	117 5	1@24	5	342 5	1@0	16QAM	23.05	0	23.05	201.7 3	2000	PASS
2A-7 A	5	117 5	25@0	5	342 5	25@0	16QAM	22.86	0	22.86	193.3 4	2000	PASS
2A-7 A	20	700	1@0	20	285 0	1@99	QPSK	22.63	0	22.63	183.2 1	2000	PASS
2A-7 A	20	700	1@99	20	285 0	1@0	QPSK	23.24	0	23.24	210.9 5	2000	PASS
2A-7 A	20	700	100@ 0	20	285 0	100@ 0	QPSK	23.62	0	23.62	229.9 3	2000	PASS
2A-7 A	20	700	1@0	20	285 0	1@99	16QAM	22.50	0	22.50	177.9 2	2000	PASS
2A-7 A	20	700	1@99	20	285 0	1@0	16QAM	22.97	0	22.97	198.2 2	2000	PASS
2A-7 A	20	700	100@ 0	20	285 0	100@ 0	16QAM	23.65	0	23.65	231.5 3	2000	PASS
2A-7	20	110	1@0	20	335	1@99	QPSK	24.23	0	24.23	265.1	2000	PASS

A		0			0						3		
2A-7	20	110	1@99	20	335	1@0	QPSK	22.68	0	22.68	185.5	2000	PASS
A		0			0						1		
2A-7	20	110	100@	20	335	100@	QPSK	23.75	0	23.75	237.3	2000	PASS
A		0	0		0	0					6		
2A-7	20	110	1@0	20	335	1@99	16QAM	23.68	0	23.68	233.4	2000	PASS
A		0			0						2		
2A-7	20	110	1@99	20	335	1@0	16QAM	22.02	0	22.02	159.3	2000	PASS
A		0			0						4		
2A-7	20	110	100@	20	335	100@	16QAM	23.76	0	23.76	237.8	2000	PASS
A		0	0		0	0					4		

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

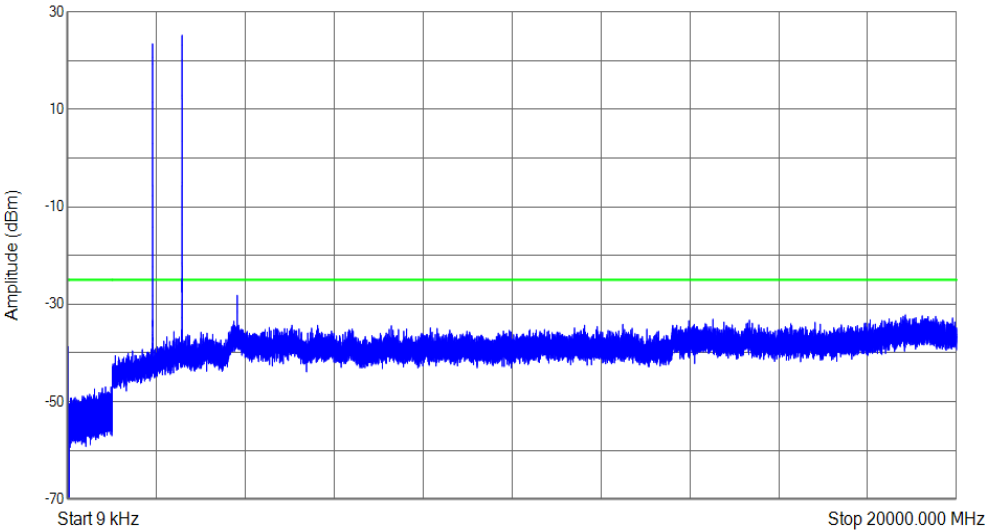
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
2A-7A	5	625	1@0	5	2775	1@24	QPSK	19058.23	-32.33	-25	PASS
2A-7A	5	625	25@0	5	2775	25@0	QPSK	19800.50	-31.58	-25	PASS
2A-7A	5	625	1@0	5	2775	1@24	16QAM	19224.17	-31.19	-25	PASS
2A-7A	5	625	25@0	5	2775	25@0	16QAM	18713.07	-31.95	-25	PASS
2A-7A	5	1175	1@0	5	3425	1@24	QPSK	3810.73	-30.16	-25	PASS
2A-7A	5	1175	25@0	5	3425	25@0	QPSK	3817.07	-30.79	-25	PASS
2A-7A	5	1175	1@0	5	3425	1@24	16QAM	3810.73	-28.18	-25	PASS
2A-7A	5	1175	25@0	5	3425	25@0	16QAM	3817.07	-31.91	-25	PASS
2A-7A	20	700	1@0	20	2850	1@99	QPSK	19193.77	-31.68	-25	PASS
2A-7A	20	700	100@0	20	2850	100@0	QPSK	18891.03	-30.49	-25	PASS
2A-7A	20	700	1@0	20	2850	1@99	16QAM	19606.70	-31.69	-25	PASS
2A-7A	20	700	100@0	20	2850	100@0	16QAM	19338.80	-31.97	-25	PASS
2A-7A	20	1100	1@0	20	3350	1@99	QPSK	3782.23	-30.21	-25	PASS
2A-7A	20	1100	100@0	20	3350	100@0	QPSK	13984.60	-31.94	-25	PASS
2A-7A	20	1100	1@0	20	3350	1@99	16QAM	3782.23	-30.29	-25	PASS
2A-7A	20	1100	100@0	20	3350	100@0	16QAM	18959.43	-31.81	-25	PASS

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



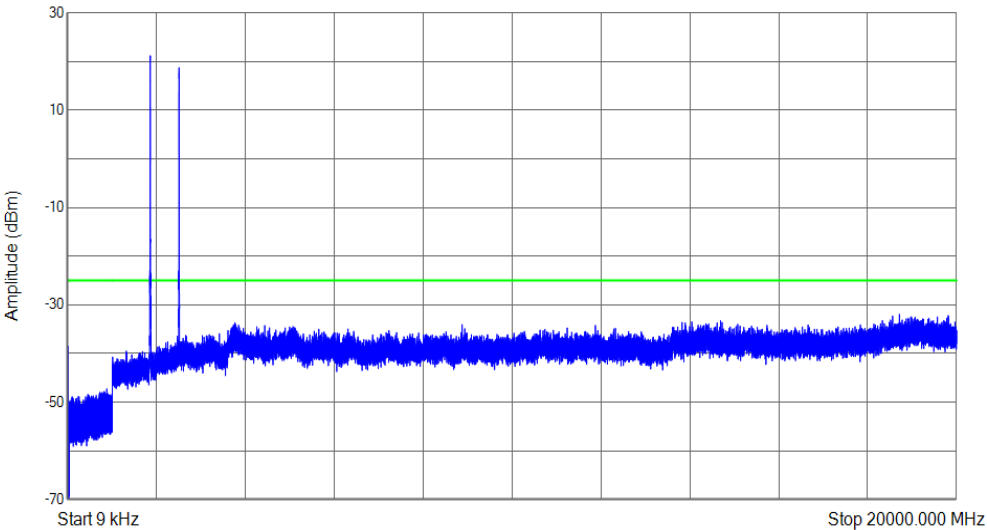
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.63	-25
2	0.15	30	10	0.18	-49.41	-25
3	30	1000	100	661.6	-47.33	-25
4	1000	20000	1000	3817.07	-31.91	-25

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



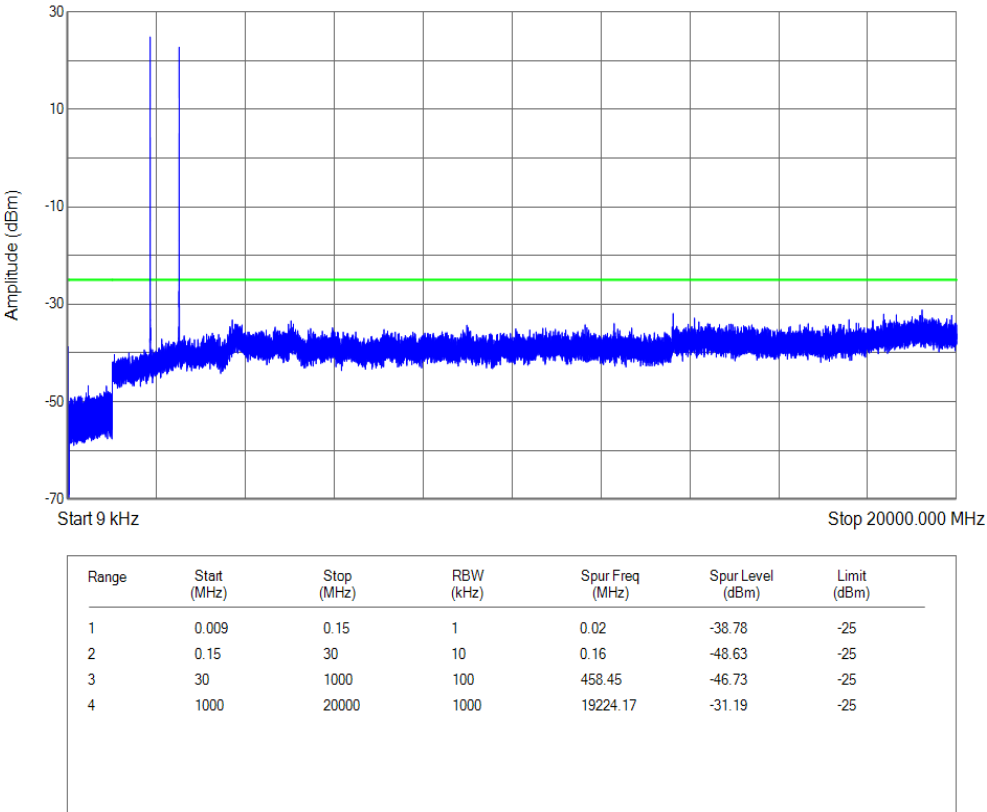
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.7	-25
2	0.15	30	10	0.15	-48.06	-25
3	30	1000	100	847.52	-46.97	-25
4	1000	20000	1000	3810.73	-28.18	-25

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

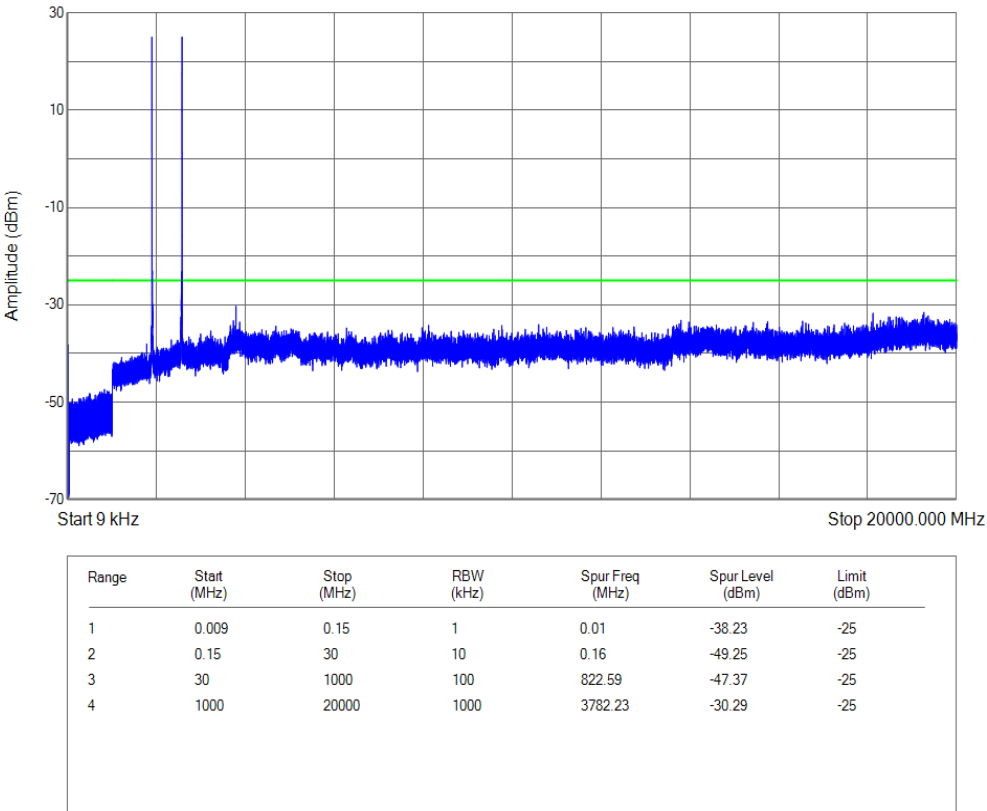


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.59	-25
2	0.15	30	10	0.16	-49.06	-25
3	30	1000	100	877.2	-47.29	-25
4	1000	20000	1000	18713.07	-31.95	-25

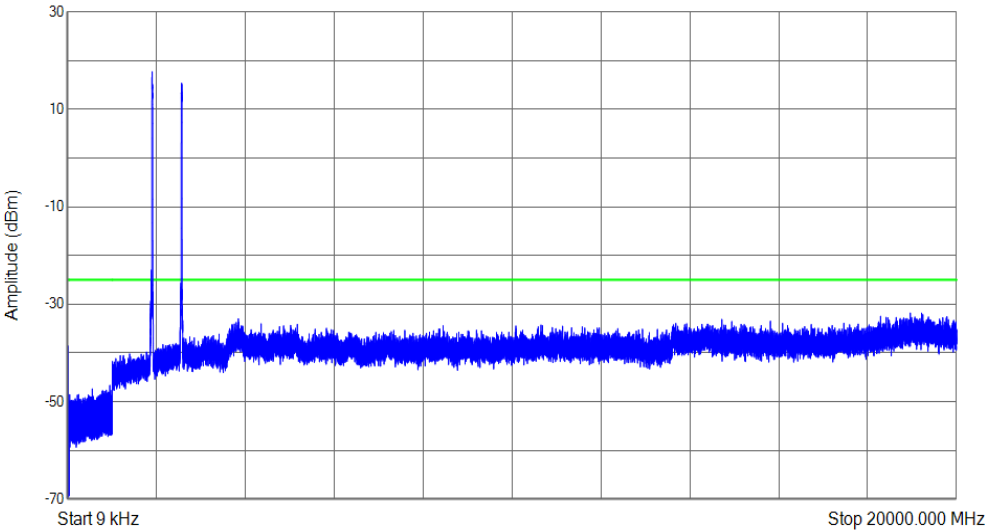
2A-7A 16QAM PCC BW=5MHz Ch=625 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24



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

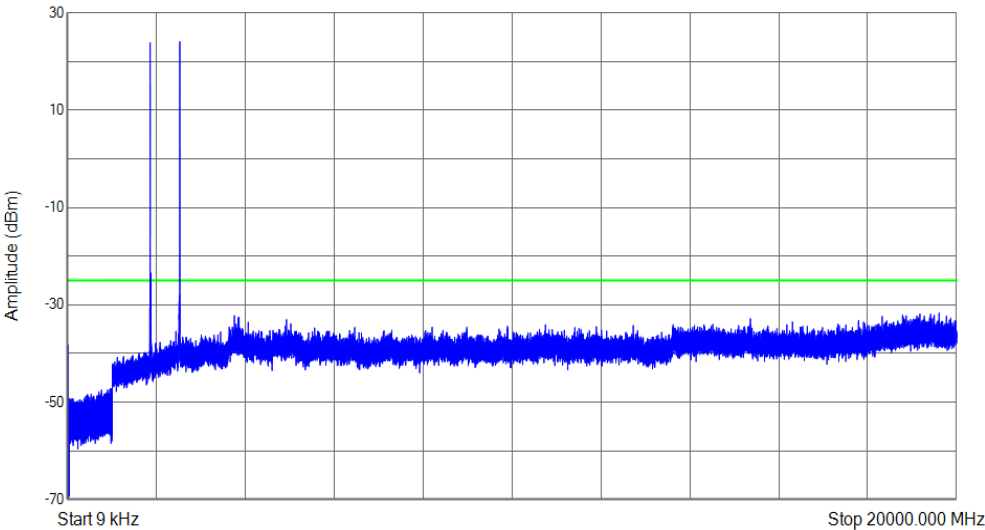


2A-7A 16QAM PCC BW=20MHz Ch=1100 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



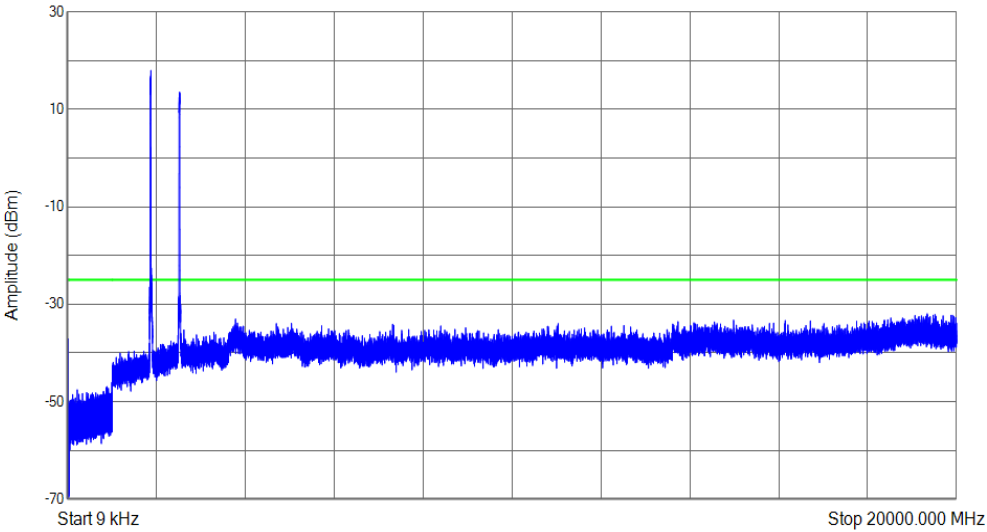
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.64	-25
2	0.15	30	10	0.15	-50.5	-25
3	30	1000	100	943	-46.66	-25
4	1000	20000	1000	18959.43	-31.81	-25

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



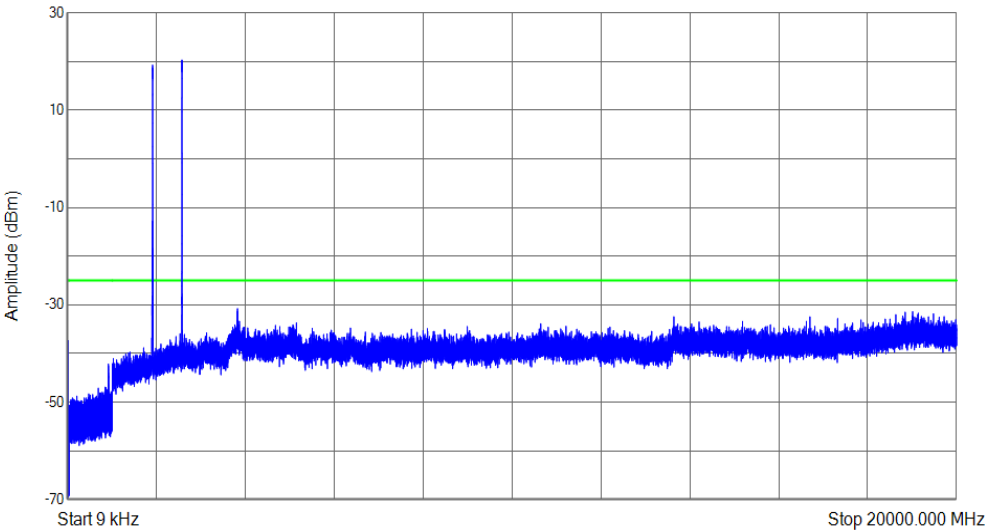
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.25	-25
2	0.15	30	10	0.15	-49.04	-25
3	30	1000	100	969.64	-47.25	-25
4	1000	20000	1000	19606.7	-31.69	-25

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



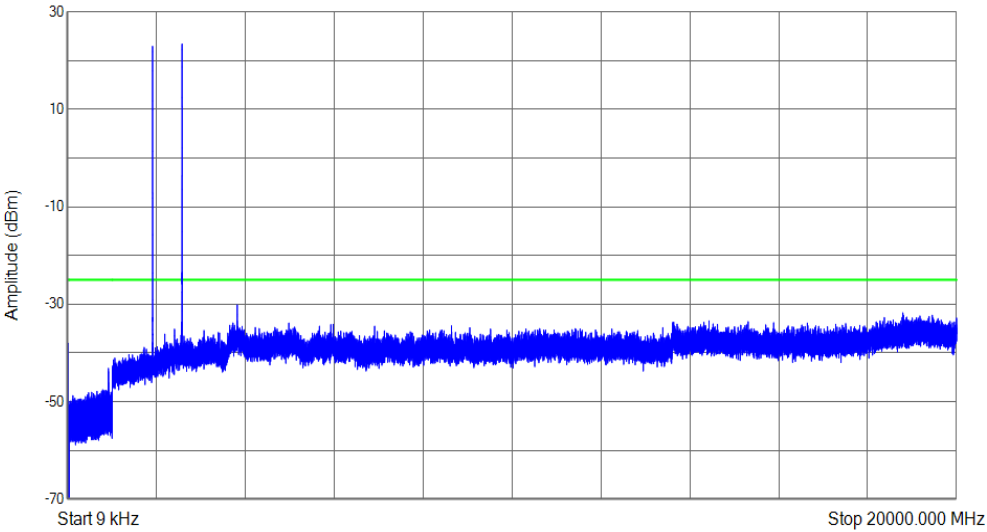
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.16	-25
2	0.15	30	10	0.17	-48.64	-25
3	30	1000	100	989.27	-46.08	-25
4	1000	20000	1000	19338.8	-31.97	-25

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



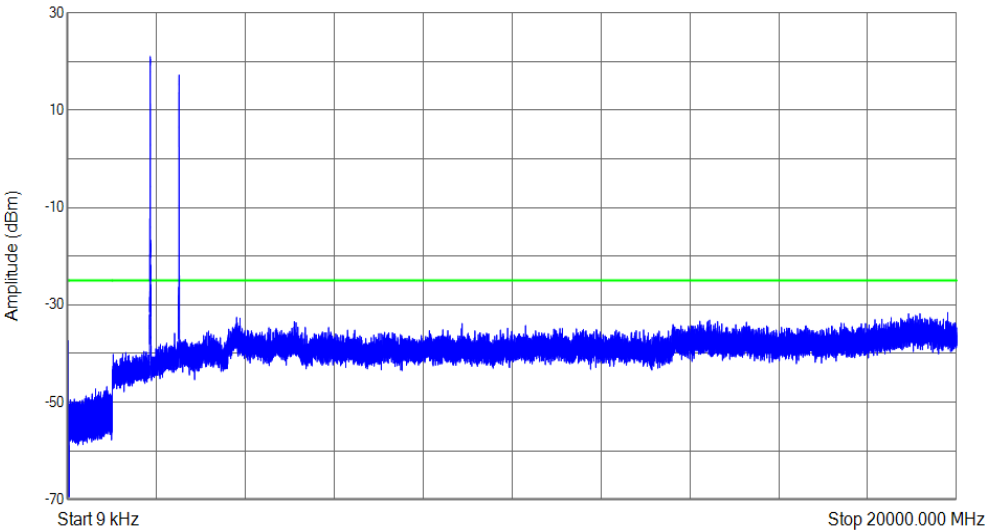
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.36	-25
2	0.15	30	10	0.17	-49.23	-25
3	30	1000	100	910.73	-42.17	-25
4	1000	20000	1000	3817.07	-30.79	-25

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



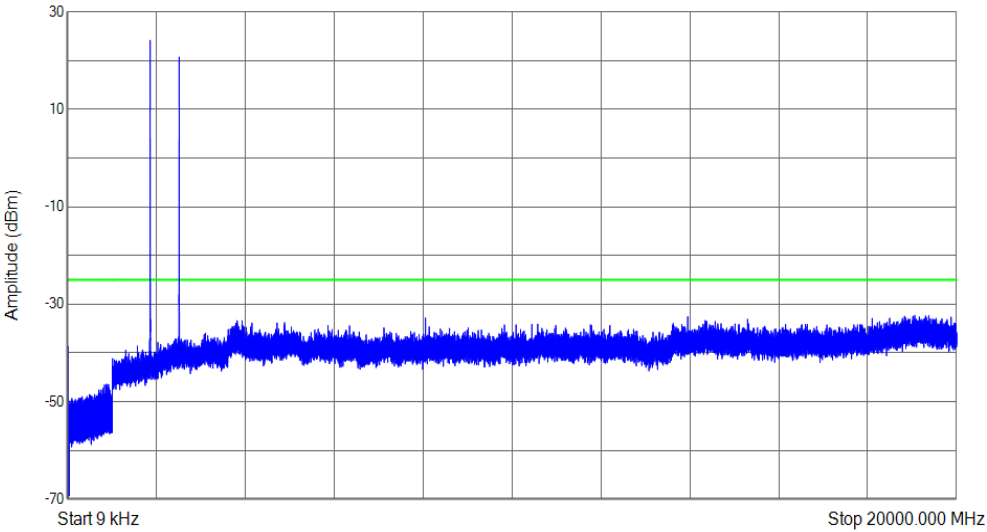
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.02	-25
2	0.15	30	10	0.17	-47.55	-25
3	30	1000	100	912.89	-43.18	-25
4	1000	20000	1000	3810.73	-30.16	-25

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



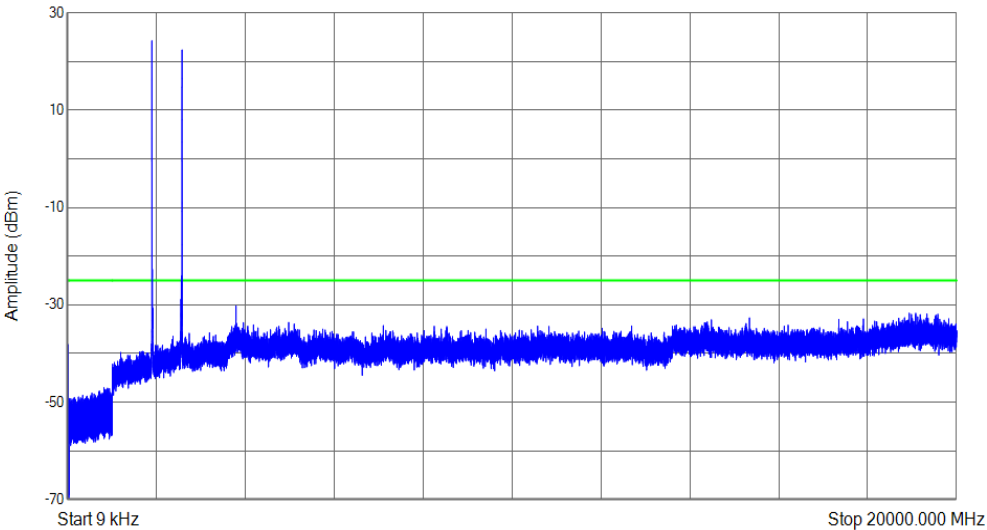
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-37.45	-25
2	0.15	30	10	0.16	-48.82	-25
3	30	1000	100	876.91	-46.83	-25
4	1000	20000	1000	19800.5	-31.58	-25

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



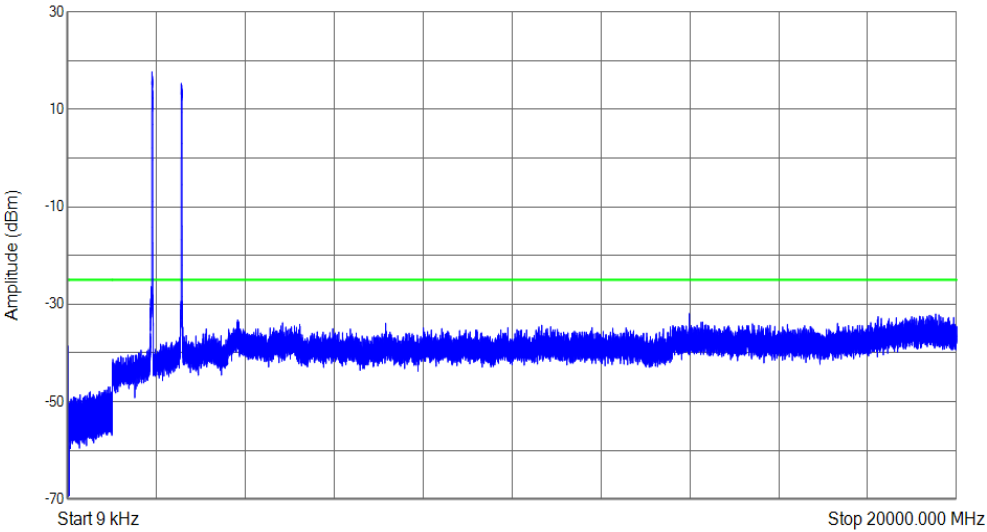
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.67	-25
2	0.15	30	10	0.15	-48.07	-25
3	30	1000	100	865.04	-46.42	-25
4	1000	20000	1000	19058.23	-32.33	-25

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



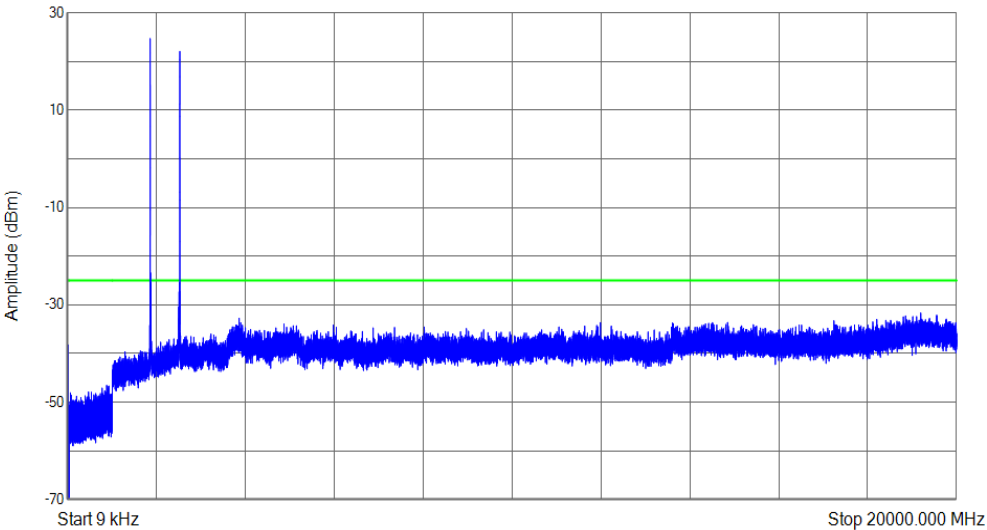
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.2	-25
2	0.15	30	10	0.15	-47.89	-25
3	30	1000	100	811.4	-47.03	-25
4	1000	20000	1000	3782.23	-30.21	-25

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



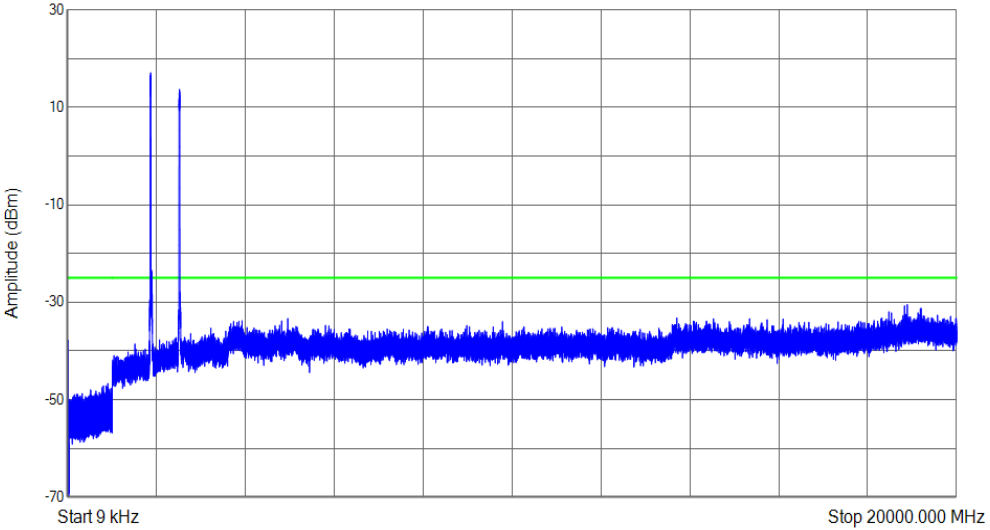
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.64	-25
2	0.15	30	10	0.16	-48.03	-25
3	30	1000	100	910.53	-46.98	-25
4	1000	20000	1000	13984.6	-31.94	-25

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	-38.25	-25
2	0.15	30	10	0.17	-47.49	-25
3	30	1000	100	872.8	-46.54	-25
4	1000	20000	1000	19193.77	-31.68	-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	-37.81	-25
2	0.15	30	10	0.15	-48.13	-25
3	30	1000	100	899.6	-46.7	-25
4	1000	20000	1000	18891.03	-30.49	-25