

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

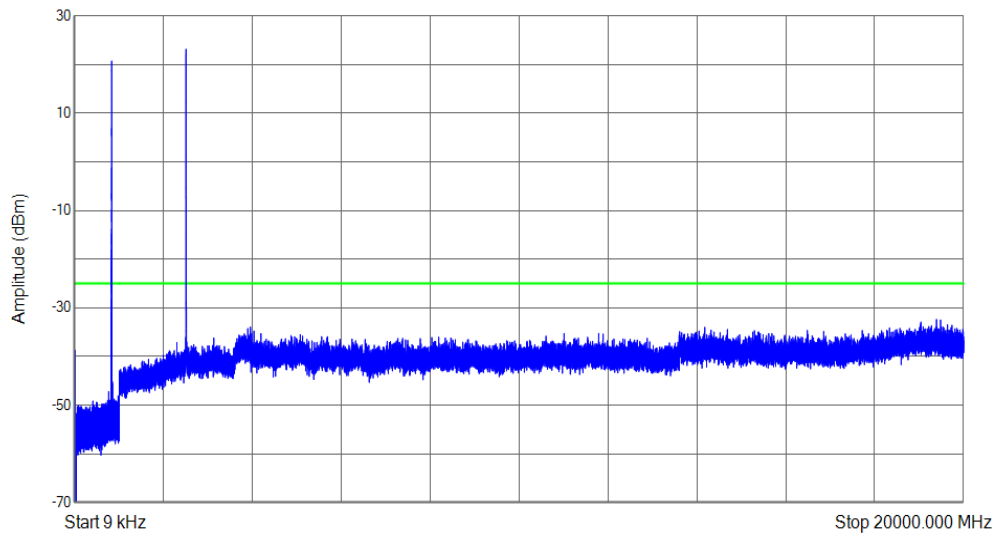
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
7A-5 A	10	280 0	1@0	5	242 5	1@2 4	QPSK	21.75	0	21.75	149.7 0	2000	PASS
7A-5 A	10	280 0	1@49	5	242 5	1@0	QPSK	22.13	0	22.13	163.2 3	2000	PASS
7A-5 A	10	280 0	50@0	5	242 5	25@ 0	QPSK	21.92	0	21.92	155.5 1	2000	PASS
7A-5 A	10	280 0	1@0	5	242 5	1@2 4	16QAM	21.54	0	21.54	142.4 2	2000	PASS
7A-5 A	10	280 0	1@49	5	242 5	1@0	16QAM	21.92	0	21.92	155.6 6	2000	PASS
7A-5 A	10	280 0	50@0	5	242 5	25@ 0	16QAM	21.90	0	21.90	154.9 2	2000	PASS
7A-5 A	10	340 0	1@0	5	262 5	1@2 4	QPSK	22.52	0	22.52	178.4 9	2000	PASS
7A-5 A	10	340 0	1@49	5	262 5	1@0	QPSK	22.20	0	22.20	165.8 6	2000	PASS
7A-5 A	10	340 0	50@0	5	262 5	25@ 0	QPSK	22.32	0	22.32	170.4 3	2000	PASS
7A-5 A	10	340 0	1@0	5	262 5	1@2 4	16QAM	22.72	0	22.72	187.2 0	2000	PASS
7A-5 A	10	340 0	1@49	5	262 5	1@0	16QAM	22.40	0	22.40	173.7 5	2000	PASS
7A-5 A	10	340 0	50@0	5	262 5	25@ 0	16QAM	22.30	0	22.30	169.6 9	2000	PASS
7A-5 A	20	285 0	1@0	10	245 0	1@4 9	QPSK	21.72	0	21.72	148.7 5	2000	PASS
7A-5 A	20	285 0	1@99	10	245 0	1@0	QPSK	22.15	0	22.15	164.0 1	2000	PASS
7A-5 A	20	285 0	100@ 0	10	245 0	50@ 0	QPSK	21.96	0	21.96	157.0 1	2000	PASS
7A-5 A	20	285 0	1@0	10	245 0	1@4 9	16QAM	21.68	0	21.68	147.2 9	2000	PASS
7A-5 A	20	285 0	1@99	10	245 0	1@0	16QAM	22.11	0	22.11	162.7 2	2000	PASS
7A-5 A	20	285 0	100@ 0	10	245 0	50@ 0	16QAM	22.03	0	22.03	159.4 8	2000	PASS
7A-5	20	335	1@0	10	260	1@4	QPSK	22.57	0	22.57	180.5	2000	PASS

A		0			0	9					2		
7A-5	20	335	1@99	10	260	1@0	QPSK	22.29	0	22.29	169.2	2000	PASS
A		0			0						6		
7A-5	20	335	100@	10	260	50@	QPSK	22.40	0	22.40	173.8	2000	PASS
A		0	0		0	0					6		
7A-5	20	335	1@0	10	260	1@4	16QAM	22.28	0	22.28	169.2	2000	PASS
A		0			0	9					1		
7A-5	20	335	1@99	10	260	1@0	16QAM	21.98	0	21.98	157.8	2000	PASS
A		0			0						4		
7A-5	20	335	100@	10	260	50@	16QAM	22.39	0	22.39	173.5	2000	PASS
A		0	0		0	0					4		

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

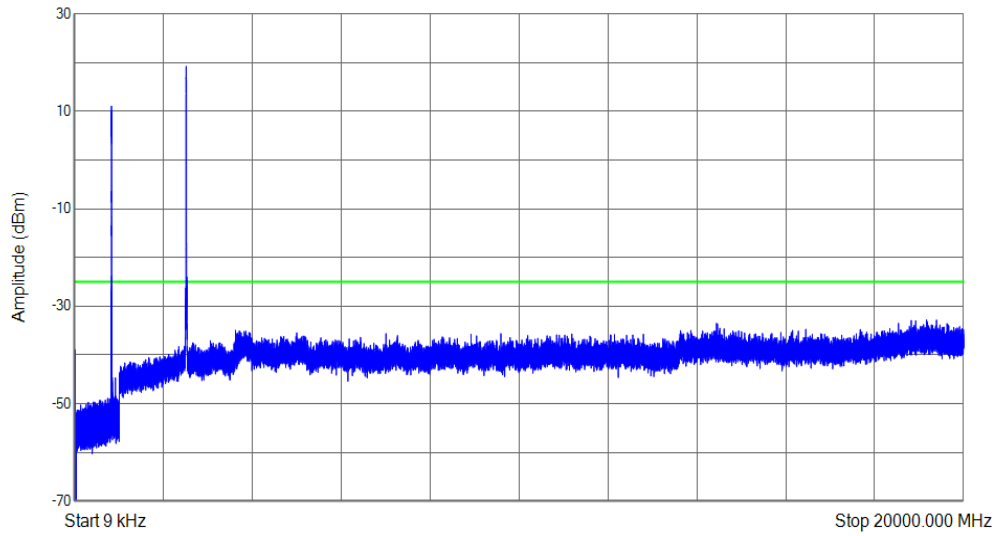
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
7A-5A	10	2800	1@0	5	2425	1@24	QPSK	19107.63	-32.19	-25	PASS
7A-5A	10	2800	50@0	5	2425	25@0	QPSK	18825.17	-33.01	-25	PASS
7A-5A	10	2800	1@0	5	2425	1@24	16QAM	19391.37	-32.40	-25	PASS
7A-5A	10	2800	50@0	5	2425	25@0	16QAM	19167.80	-32.82	-25	PASS
7A-5A	10	3400	1@0	5	2625	1@24	QPSK	19229.87	-31.95	-25	PASS
7A-5A	10	3400	50@0	5	2625	25@0	QPSK	19074.07	-32.48	-25	PASS
7A-5A	10	3400	1@0	5	2625	1@24	16QAM	18982.23	-32.92	-25	PASS
7A-5A	10	3400	50@0	5	2625	25@0	16QAM	19448.37	-33.13	-25	PASS
7A-5A	20	2850	1@0	10	2450	1@49	QPSK	18982.23	-32.99	-25	PASS
7A-5A	20	2850	100@0	10	2450	50@0	QPSK	19032.90	-32.68	-25	PASS
7A-5A	20	2850	1@0	10	2450	1@49	16QAM	19219.73	-32.67	-25	PASS
7A-5A	20	2850	100@0	10	2450	50@0	16QAM	14396.90	-31.85	-25	PASS
7A-5A	20	3350	1@0	10	2600	1@49	QPSK	19965.17	-33.20	-25	PASS
7A-5A	20	3350	100@0	10	2600	50@0	QPSK	18445.17	-33.02	-25	PASS
7A-5A	20	3350	1@0	10	2600	1@49	16QAM	18798.57	-33.23	-25	PASS
7A-5A	20	3350	100@0	10	2600	50@0	16QAM	18627.57	-32.42	-25	PASS

7A-5A 16QAM PCC BW=10MHz Ch=2800 RB=1@0,SCC BW=5MHz Ch=2425 RB=1@24



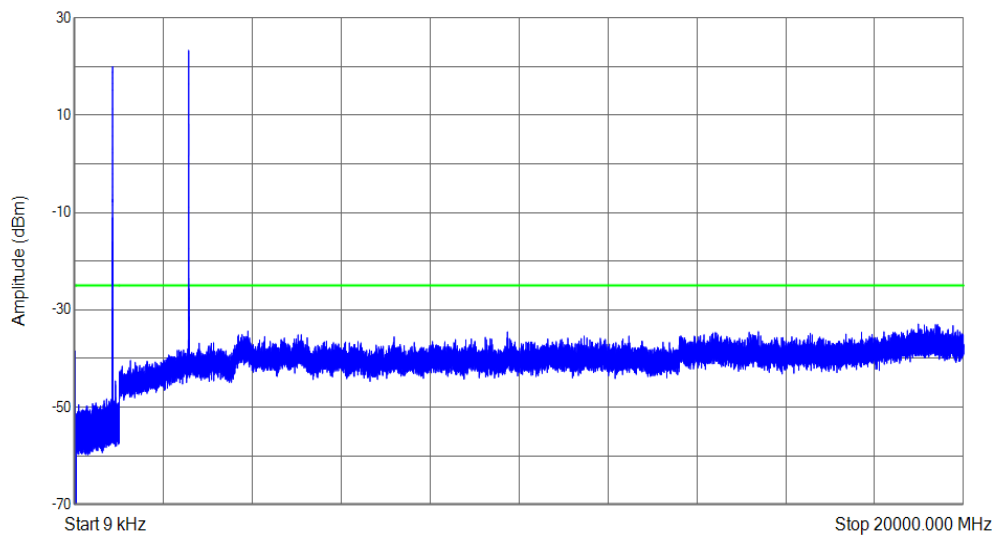
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.82	-25
2	0.15	30	10	0.17	-50.23	-25
3	30	1000	100	761.12	-47.21	-25
4	1000	20000	1000	19391.37	-32.4	-25

7A-5A 16QAM PCC BW=10MHz Ch=2800 RB=50@0,SCC BW=5MHz Ch=2425 RB=25@0



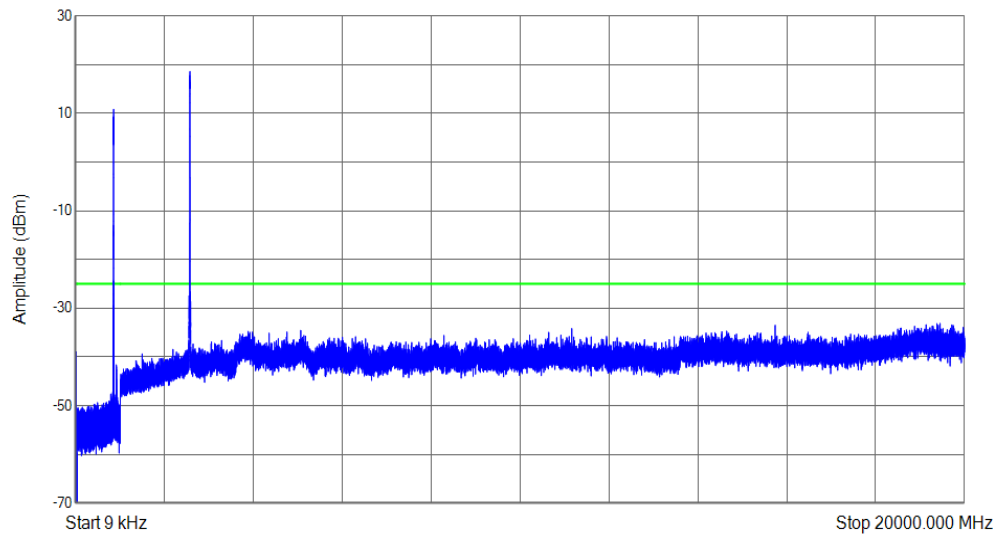
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.95	-25
2	0.15	30	10	0.18	-49.65	-25
3	30	1000	100	910.6	-44.7	-25
4	1000	20000	1000	19167.8	-32.82	-25

7A-5A 16QAM PCC BW=10MHz Ch=3400 RB=1@0,SCC BW=5MHz Ch=2625 RB=1@24



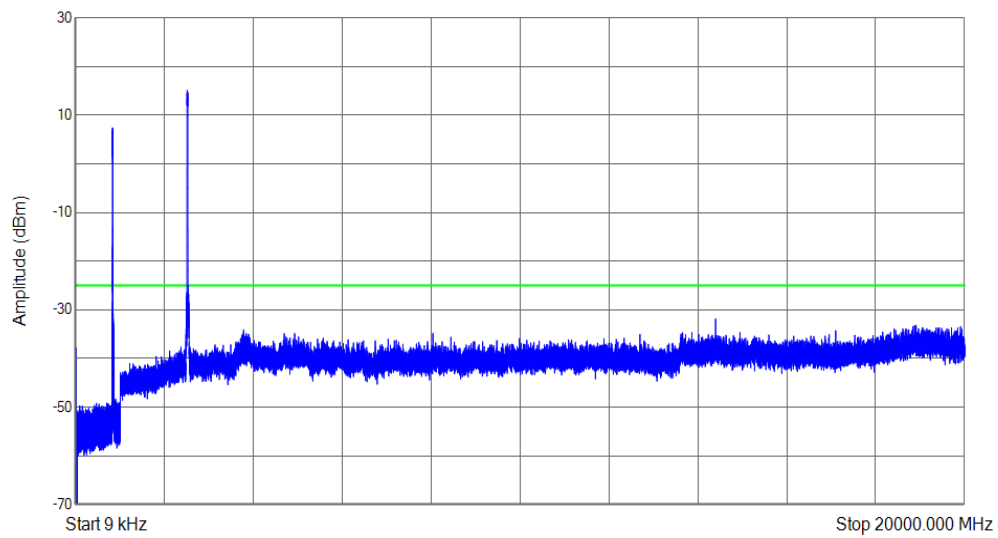
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.47	-25
2	0.15	30	10	0.15	-49.65	-25
3	30	1000	100	912.76	-44.62	-25
4	1000	20000	1000	18982.23	-32.92	-25

7A-5A 16QAM PCC BW=10MHz Ch=3400 RB=50@0,SCC BW=5MHz Ch=2625 RB=25@0



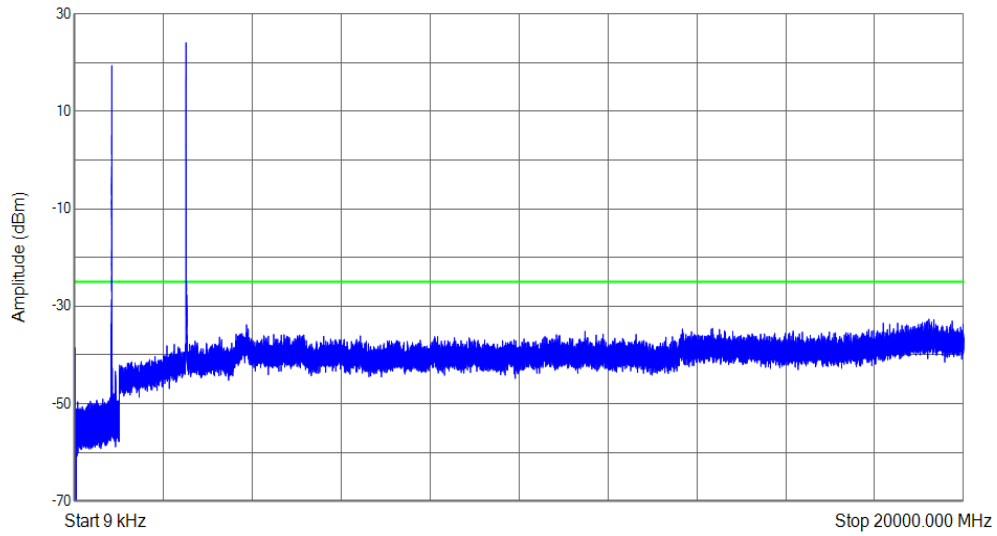
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.94	-25
2	0.15	30	10	0.18	-50.7	-25
3	30	1000	100	910.02	-41.63	-25
4	1000	20000	1000	19448.37	-33.13	-25

7A-5A 16QAM PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=10MHz Ch=2450 RB=50@0



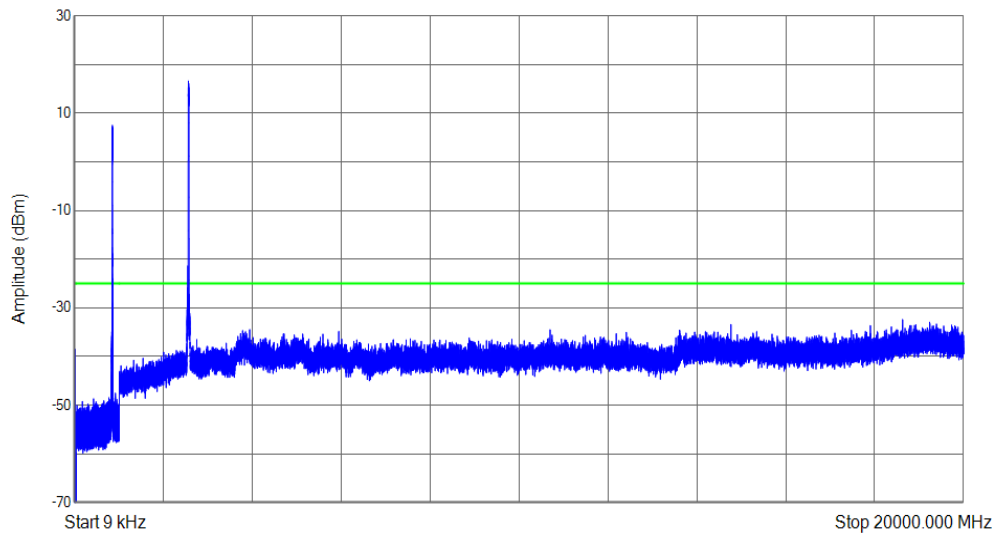
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.88	-25
2	0.15	30	10	0.15	-49.17	-25
3	30	1000	100	895.43	-48.33	-25
4	1000	20000	1000	14396.9	-31.85	-25

7A-5A 16QAM PCC BW=20MHz Ch=2850 RB=1@0,SCC BW=10MHz Ch=2450 RB=1@49



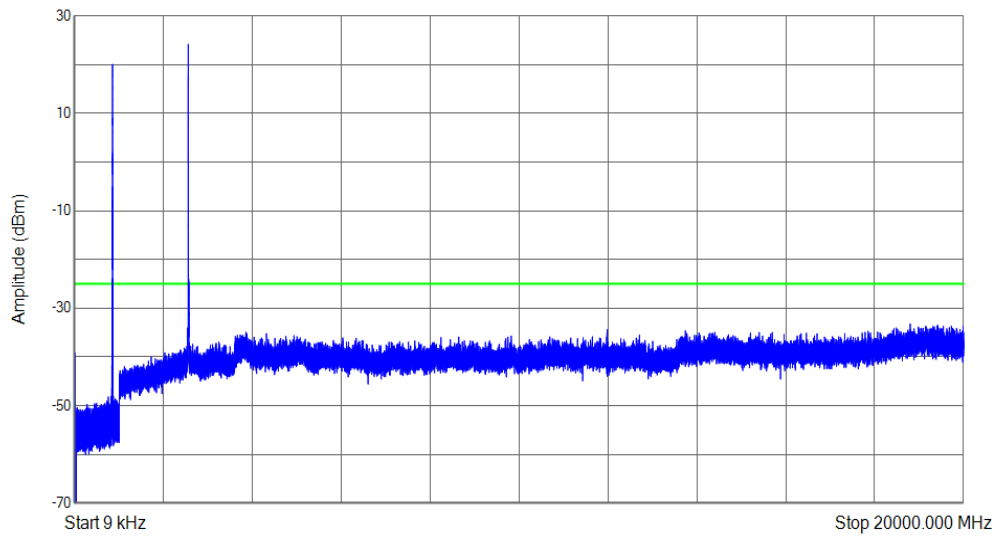
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.61	-25
2	0.15	30	10	0.15	-49.27	-25
3	30	1000	100	911.89	-43.38	-25
4	1000	20000	1000	19219.73	-32.67	-25

7A-5A 16QAM PCC BW=20MHz Ch=3350 RB=100@0,SCC BW=10MHz Ch=2600 RB=50@0



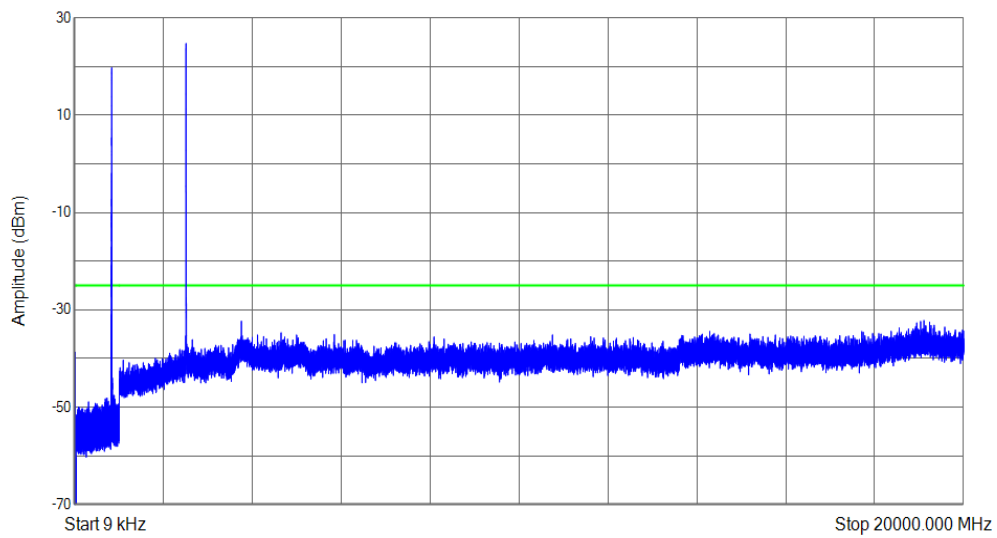
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.61	-25
2	0.15	30	10	0.15	-48.86	-25
3	30	1000	100	912.18	-47.55	-25
4	1000	20000	1000	18627.57	-32.42	-25

7A-5A 16QAM PCC BW=20MHz Ch=3350 RB=1@0,SCC BW=10MHz Ch=2600 RB=1@49



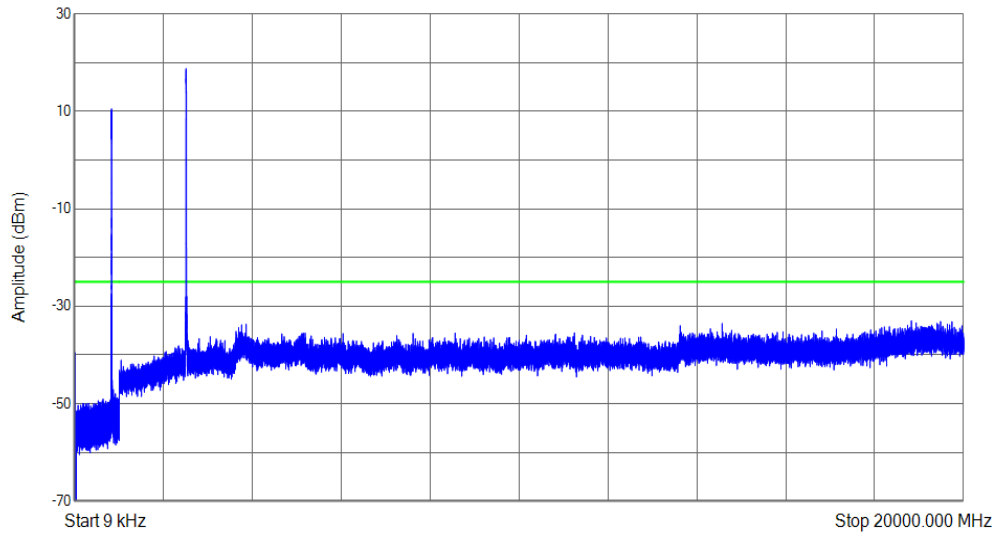
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.12	-25
2	0.15	30	10	0.15	-47.03	-25
3	30	1000	100	754.14	-48.22	-25
4	1000	20000	1000	18798.57	-33.23	-25

7A-5A QPSK PCC BW=10MHz Ch=2800 RB=1@0,SCC BW=5MHz Ch=2425 RB=1@24



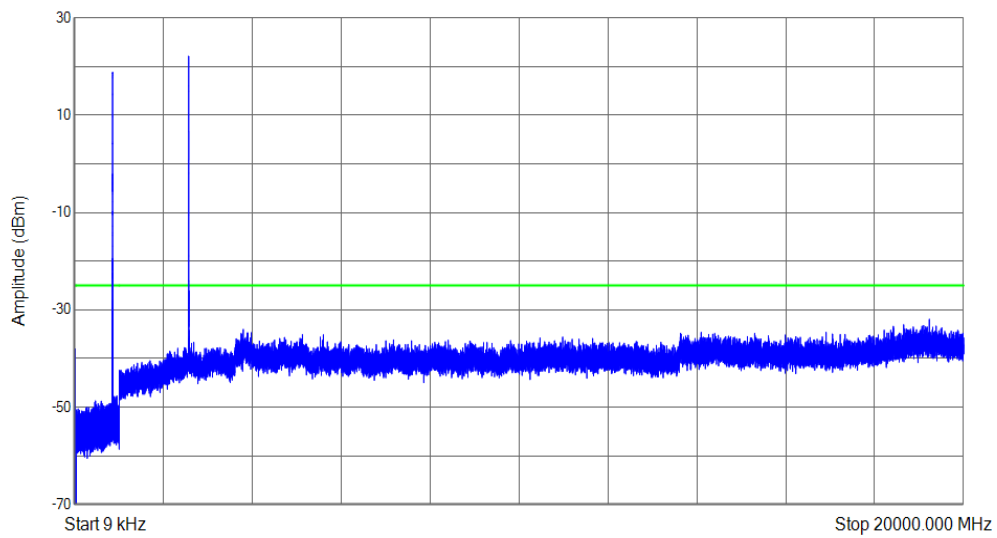
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.76	-25
2	0.15	30	10	0.15	-50.37	-25
3	30	1000	100	884.57	-47.58	-25
4	1000	20000	1000	19107.63	-32.19	-25

7A-5A QPSK PCC BW=10MHz Ch=2800 RB=50@0,SCC BW=5MHz Ch=2425 RB=25@0



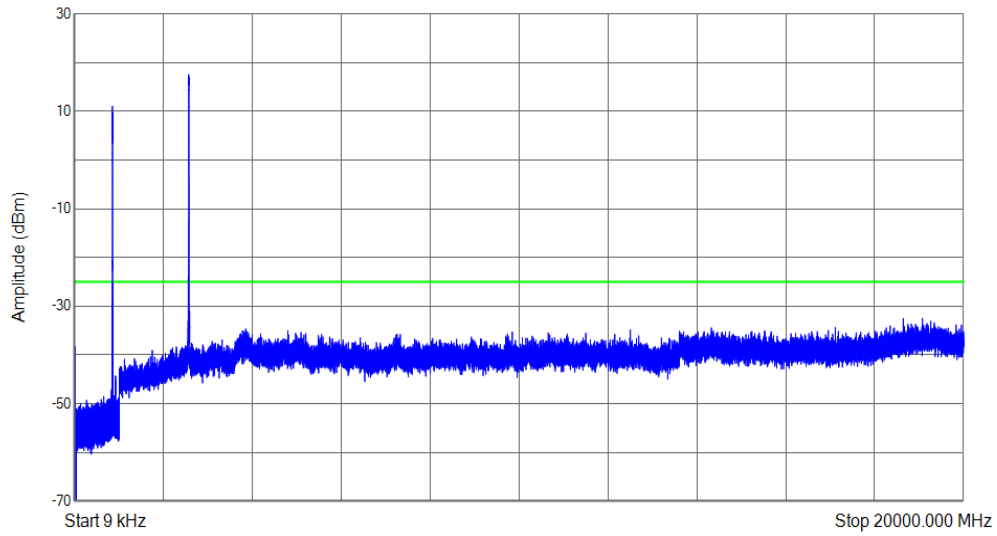
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.58	-25
2	0.15	30	10	0.15	-49.49	-25
3	30	1000	100	911.54	-47.98	-25
4	1000	20000	1000	18825.17	-33.01	-25

7A-5A QPSK PCC BW=10MHz Ch=3400 RB=1@0,SCC BW=5MHz Ch=2625 RB=1@24



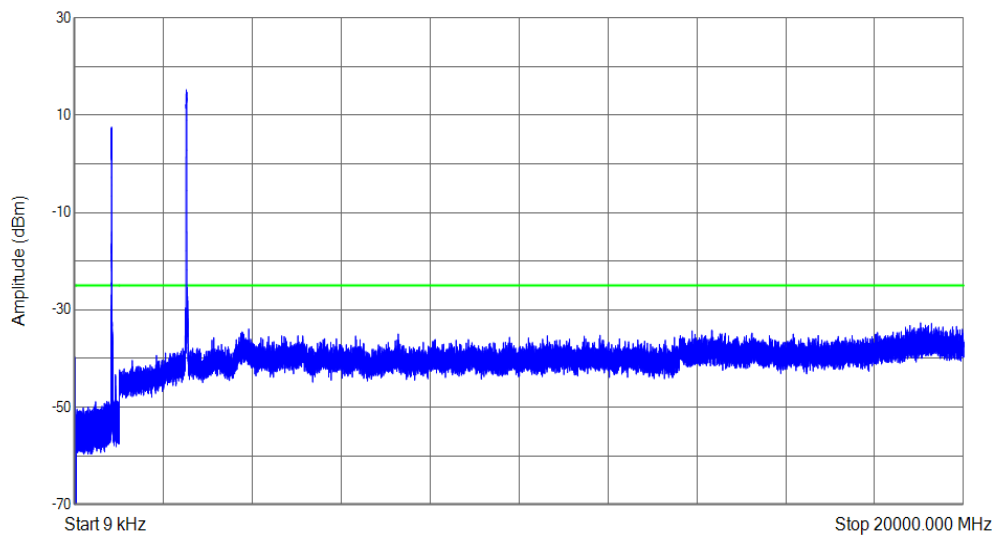
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.08	-25
2	0.15	30	10	0.16	-49.48	-25
3	30	1000	100	943.97	-47.7	-25
4	1000	20000	1000	19229.87	-31.95	-25

7A-5A QPSK PCC BW=10MHz Ch=3400 RB=50@0,SCC BW=5MHz Ch=2625 RB=25@0



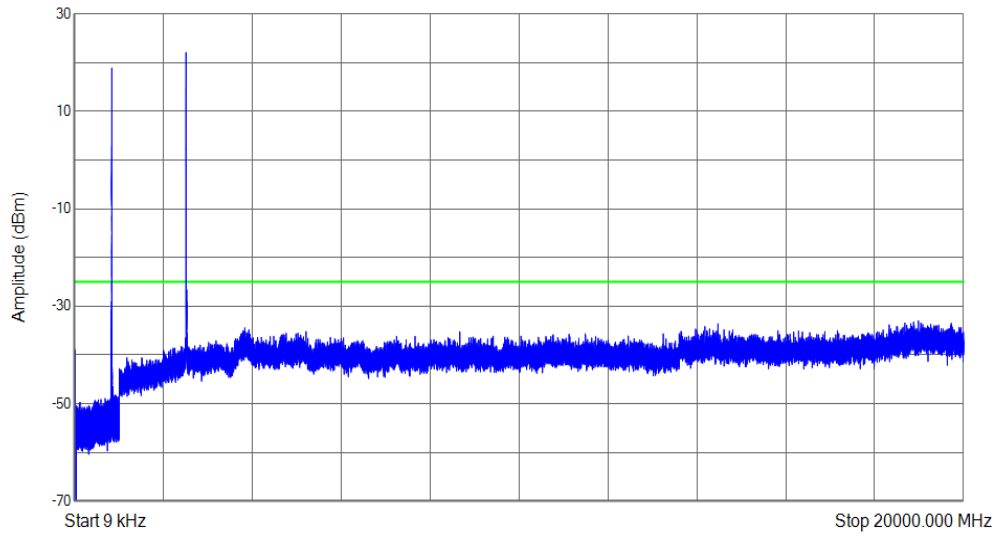
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.37	-25
2	0.15	30	10	0.17	-50.23	-25
3	30	1000	100	912.96	-44.3	-25
4	1000	20000	1000	19074.07	-32.48	-25

7A-5A QPSK PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=10MHz Ch=2450 RB=50@0



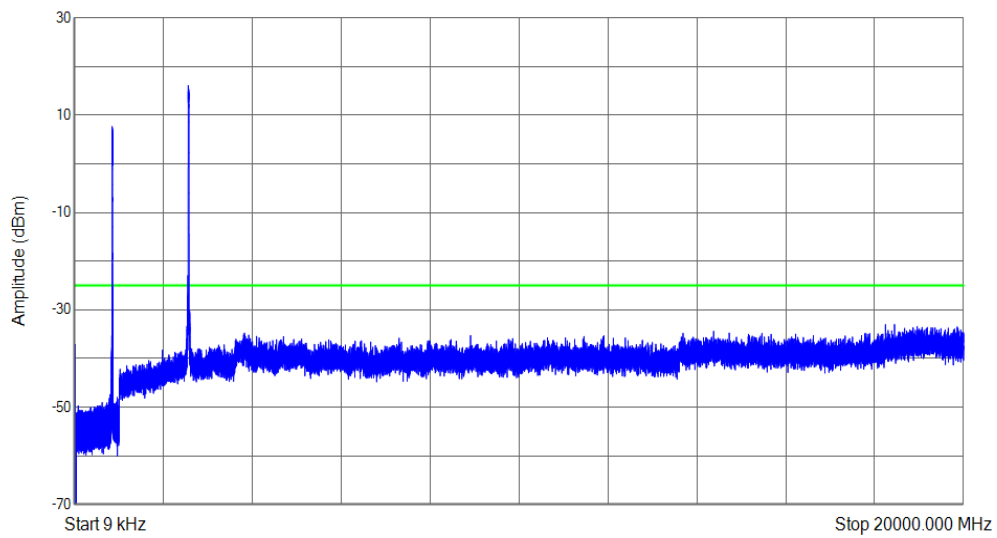
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.8	-25
2	0.15	30	10	0.15	-48.41	-25
3	30	1000	100	910.63	-43.32	-25
4	1000	20000	1000	19032.9	-32.68	-25

7A-5A QPSK PCC BW=20MHz Ch=2850 RB=1@0,SCC BW=10MHz Ch=2450 RB=1@49



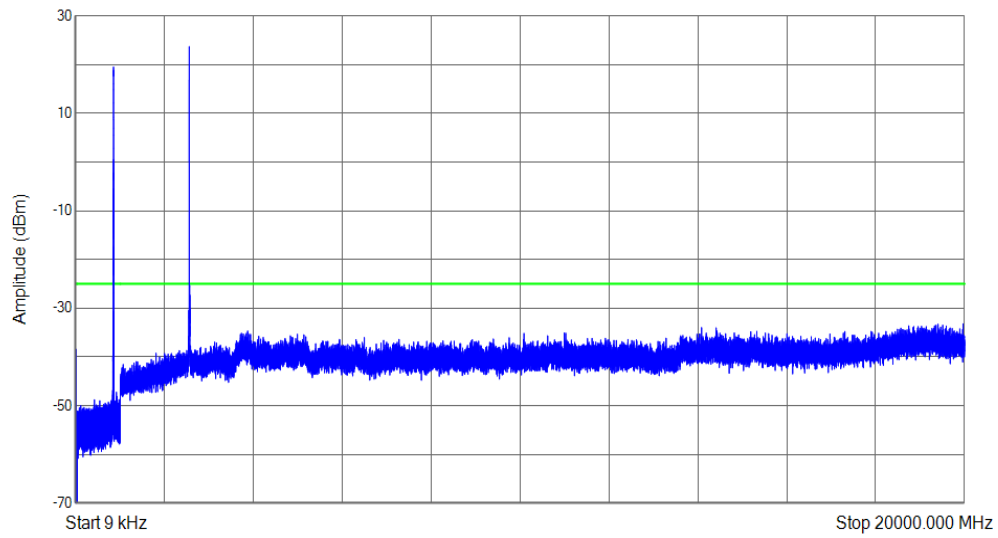
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-38.93	-25
2	0.15	30	10	0.16	-51.01	-25
3	30	1000	100	901.06	-48.22	-25
4	1000	20000	1000	18982.23	-32.99	-25

7A-5A QPSK PCC BW=20MHz Ch=3350 RB=100@0,SCC BW=10MHz Ch=2600 RB=50@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.14	-25
2	0.15	30	10	0.16	-50.41	-25
3	30	1000	100	951.79	-47.99	-25
4	1000	20000	1000	18445.17	-33.02	-25

7A-5A QPSK PCC BW=20MHz Ch=3350 RB=1@0,SCC BW=10MHz Ch=2600 RB=1@49



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.45	-25
2	0.15	30	10	0.15	-48.32	-25
3	30	1000	100	912.18	-47.24	-25
4	1000	20000	1000	19965.17	-33.2	-25