

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

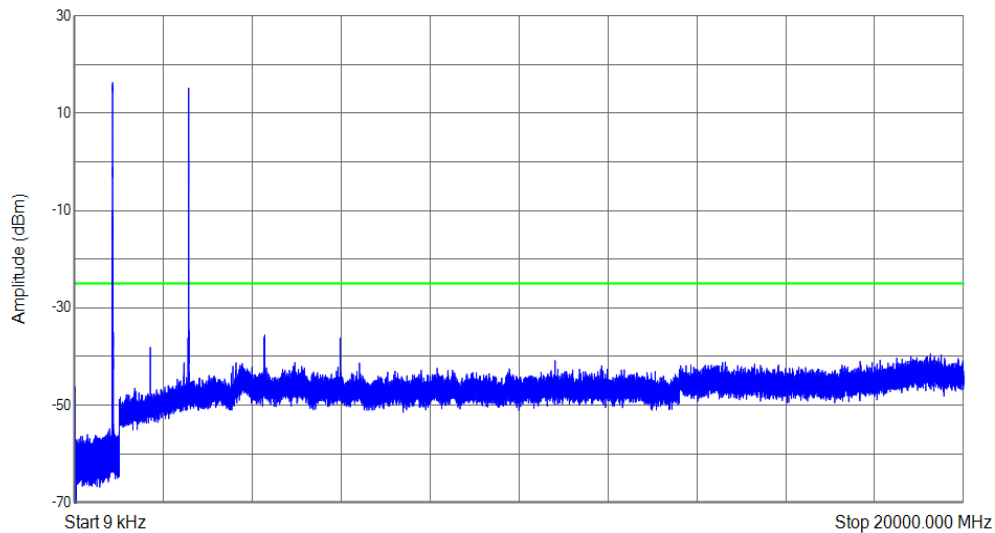
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
7A-5 A	10	280 0	1@0	5	242 5	1@2 4	QPSK	24.27	0	24.27	267.3 4	2000	PASS
7A-5 A	10	280 0	1@49	5	242 5	1@0	QPSK	24.25	0	24.25	266.1 5	2000	PASS
7A-5 A	10	280 0	50@0	5	242 5	25@ 0	QPSK	24.31	0	24.31	269.7 8	2000	PASS
7A-5 A	10	280 0	1@0	5	242 5	1@2 4	16QAM	24.50	0	24.50	281.8 8	2000	PASS
7A-5 A	10	280 0	1@49	5	242 5	1@0	16QAM	24.47	0	24.47	279.9 8	2000	PASS
7A-5 A	10	280 0	50@0	5	242 5	25@ 0	16QAM	24.32	0	24.32	270.1 3	2000	PASS
7A-5 A	10	340 0	1@0	5	262 5	1@2 4	QPSK	24.38	0	24.38	273.8 8	2000	PASS
7A-5 A	10	340 0	1@49	5	262 5	1@0	QPSK	24.14	0	24.14	259.2 6	2000	PASS
7A-5 A	10	340 0	50@0	5	262 5	25@ 0	QPSK	24.45	0	24.45	278.7 3	2000	PASS
7A-5 A	10	340 0	1@0	5	262 5	1@2 4	16QAM	24.11	0	24.11	257.5 8	2000	PASS
7A-5 A	10	340 0	1@49	5	262 5	1@0	16QAM	23.98	0	23.98	250.2 5	2000	PASS
7A-5 A	10	340 0	50@0	5	262 5	25@ 0	16QAM	24.41	0	24.41	276.0 2	2000	PASS
7A-5 A	20	285 0	1@0	10	245 0	1@4 9	QPSK	24.34	0	24.34	271.5 6	2000	PASS
7A-5 A	20	285 0	1@99	10	245 0	1@0	QPSK	24.20	0	24.20	262.7 3	2000	PASS
7A-5 A	20	285 0	100@ 0	10	245 0	50@ 0	QPSK	24.24	0	24.24	265.4 7	2000	PASS
7A-5 A	20	285 0	1@0	10	245 0	1@4 9	16QAM	24.17	0	24.17	261.1 6	2000	PASS
7A-5 A	20	285 0	1@99	10	245 0	1@0	16QAM	24.01	0	24.01	251.8 6	2000	PASS
7A-5 A	20	285 0	100@ 0	10	245 0	50@ 0	16QAM	24.28	0	24.28	268.0 0	2000	PASS
7A-5	20	335	1@0	10	260	1@4	QPSK	24.22	0	24.22	264.0	2000	PASS

A		0			0	9					3		
7A-5	20	335	1@99	10	260	1@0	QPSK	24.30	0	24.30	268.8	2000	PASS
A		0			0						8		
7A-5	20	335	100@	10	260	50@	QPSK	24.24	0	24.24	265.3	2000	PASS
A		0	0		0	0					0		
7A-5	20	335	1@0	10	260	1@4	16QAM	23.53	0	23.53	225.5	2000	PASS
A		0			0	9					8		
7A-5	20	335	1@99	10	260	1@0	16QAM	23.54	0	23.54	225.9	2000	PASS
A		0			0						9		
7A-5	20	335	100@	10	260	50@	16QAM	24.26	0	24.26	266.7	2000	PASS
A		0	0		0	0					9		

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

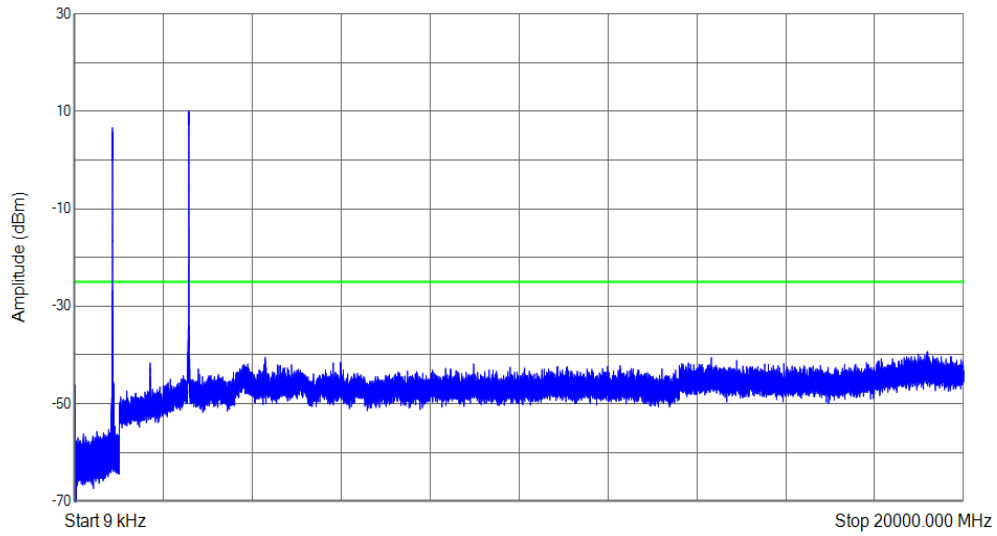
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
7A-5A	10	2800	1@0	5	2425	1@24	QPSK	5829.80	-37.40	-25	PASS
7A-5A	10	2800	50@0	5	2425	25@0	QPSK	18243.77	-39.34	-25	PASS
7A-5A	10	2800	1@0	5	2425	1@24	16QAM	4158.43	-39.00	-25	PASS
7A-5A	10	2800	50@0	5	2425	25@0	16QAM	18963.87	-38.41	-25	PASS
7A-5A	10	3400	1@0	5	2625	1@24	QPSK	4272.43	-38.02	-25	PASS
7A-5A	10	3400	50@0	5	2625	25@0	QPSK	18903.70	-39.67	-25	PASS
7A-5A	10	3400	1@0	5	2625	1@24	16QAM	4273.07	-35.58	-25	PASS
7A-5A	10	3400	50@0	5	2625	25@0	16QAM	19192.50	-39.32	-25	PASS
7A-5A	20	2850	1@0	10	2450	1@49	QPSK	19385.03	-39.25	-25	PASS
7A-5A	20	2850	100@0	10	2450	50@0	QPSK	19010.10	-38.80	-25	PASS
7A-5A	20	2850	1@0	10	2450	1@49	16QAM	4167.93	-37.83	-25	PASS
7A-5A	20	2850	100@0	10	2450	50@0	16QAM	19284.33	-39.10	-25	PASS
7A-5A	20	3350	1@0	10	2600	1@49	QPSK	4247.73	-38.34	-25	PASS
7A-5A	20	3350	100@0	10	2600	50@0	QPSK	19199.47	-39.18	-25	PASS
7A-5A	20	3350	1@0	10	2600	1@49	16QAM	5950.77	-35.11	-25	PASS
7A-5A	20	3350	100@0	10	2600	50@0	16QAM	18759.30	-39.34	-25	PASS

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



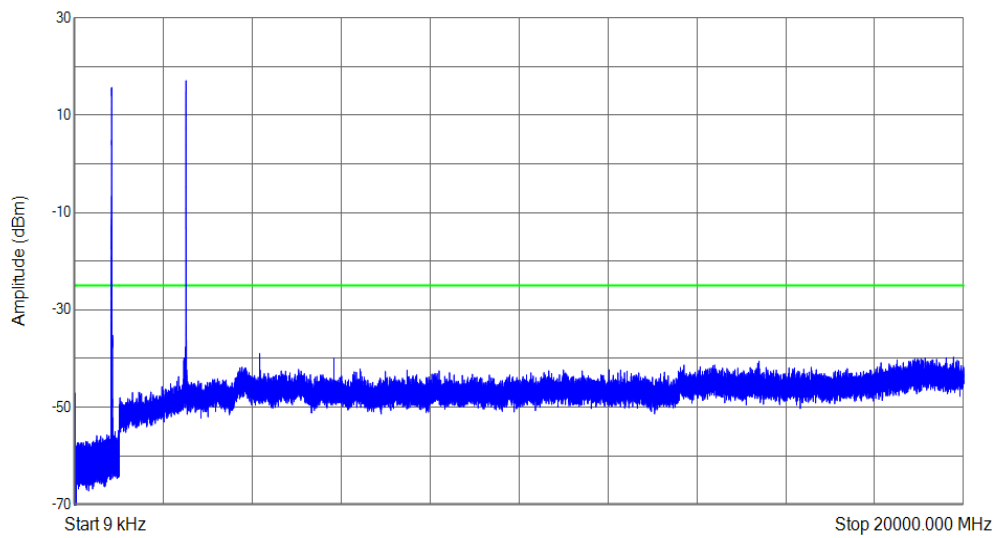
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.23	-25
2	0.15	30	10	0.16	-57.11	-25
3	30	1000	100	779	-54.85	-25
4	1000	20000	1000	4273.07	-35.58	-25

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



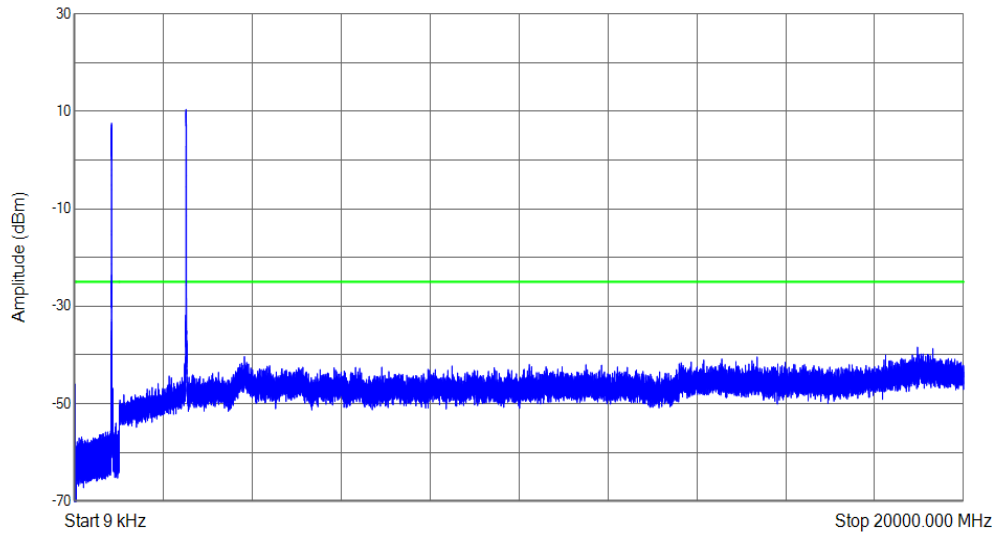
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.23	-25
2	0.15	30	10	0.15	-57.57	-25
3	30	1000	100	872.67	-45.72	-25
4	1000	20000	1000	19192.5	-39.32	-25

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



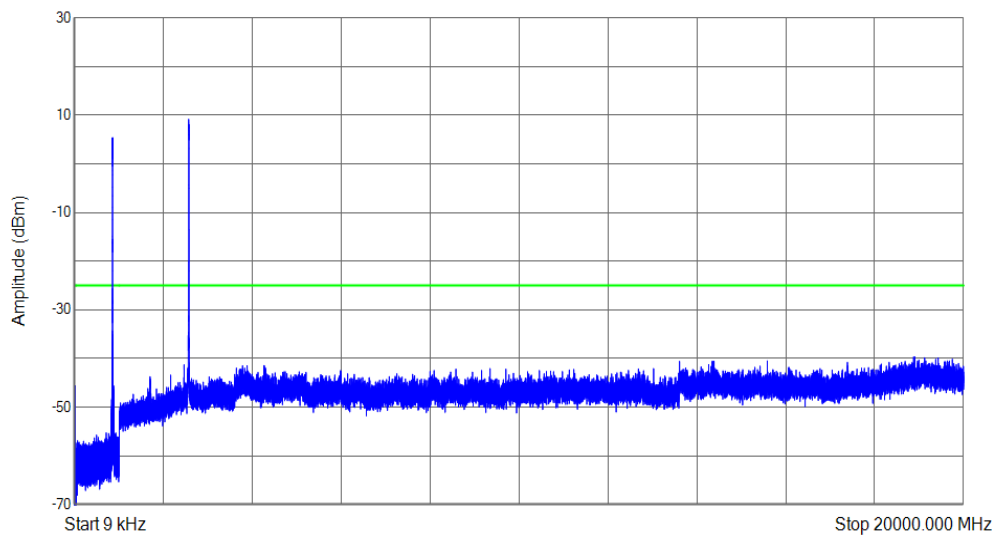
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-47.15	-25
2	0.15	30	10	0.16	-56.92	-25
3	30	1000	100	979.92	-54.83	-25
4	1000	20000	1000	4158.43	-39	-25

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



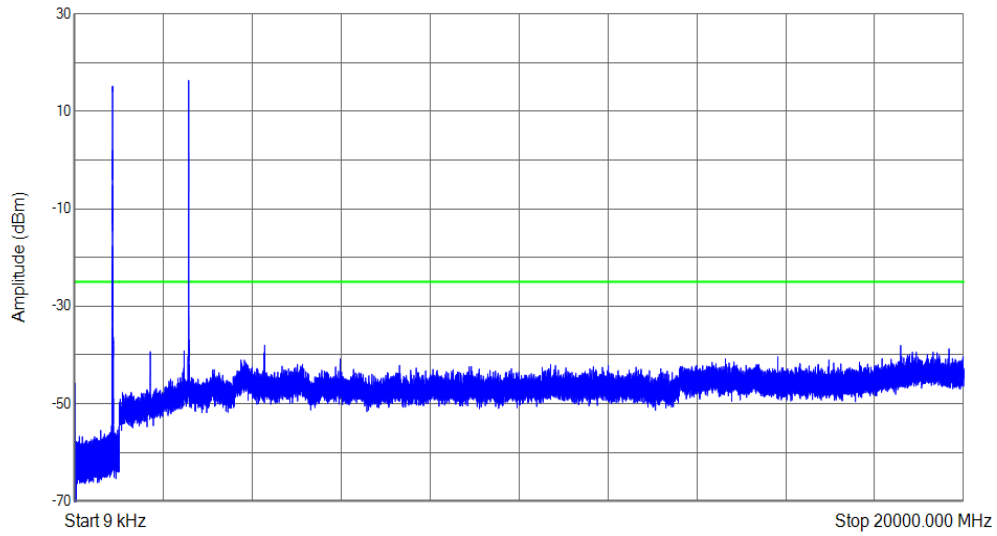
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.01	-25
2	0.15	30	10	0.16	-55.68	-25
3	30	1000	100	925.02	-54	-25
4	1000	20000	1000	18963.87	-38.41	-25

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



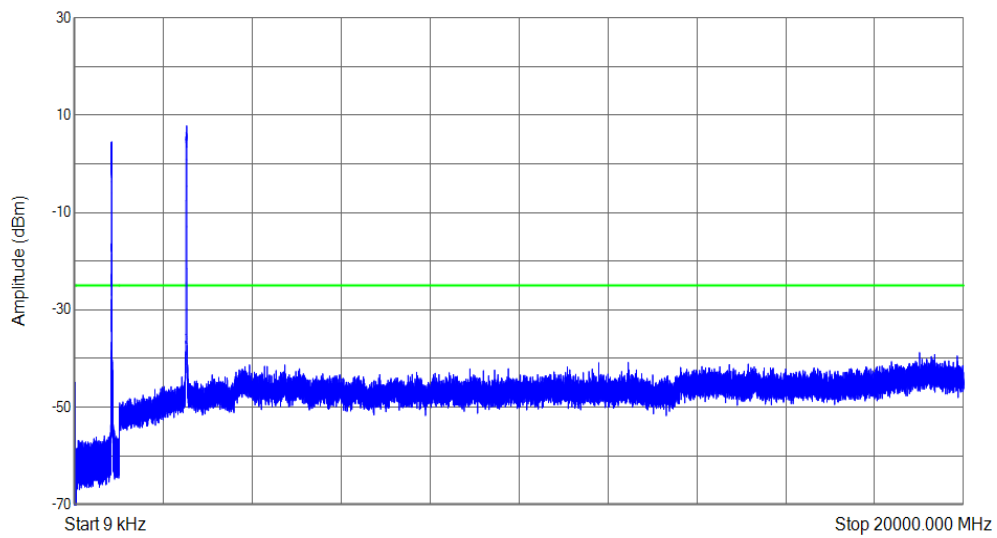
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.64	-25
2	0.15	30	10	0.17	-55.97	-25
3	30	1000	100	872.25	-45.66	-25
4	1000	20000	1000	18903.7	-39.67	-25

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



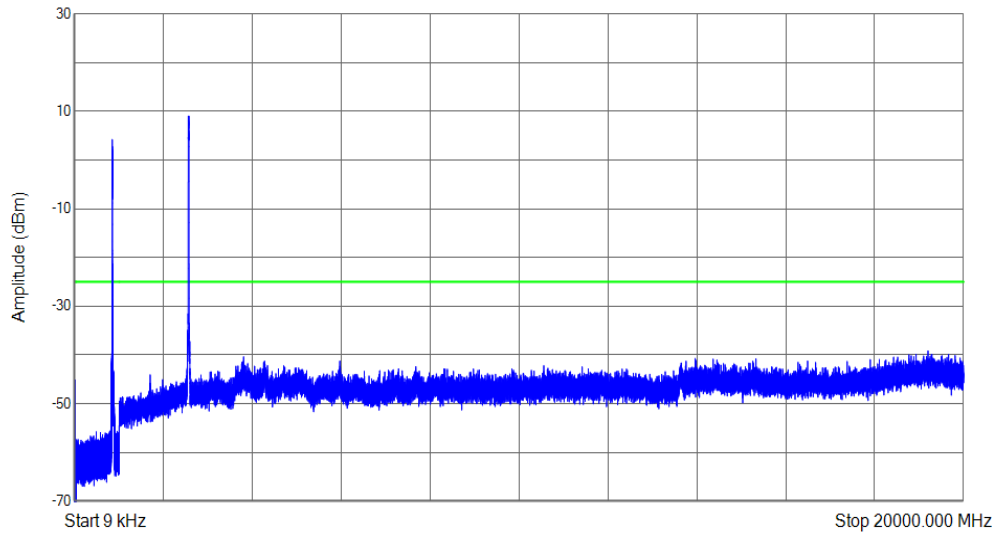
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.95	-25
2	0.15	30	10	0.16	-56.62	-25
3	30	1000	100	992.92	-54.69	-25
4	1000	20000	1000	4272.43	-38.02	-25

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



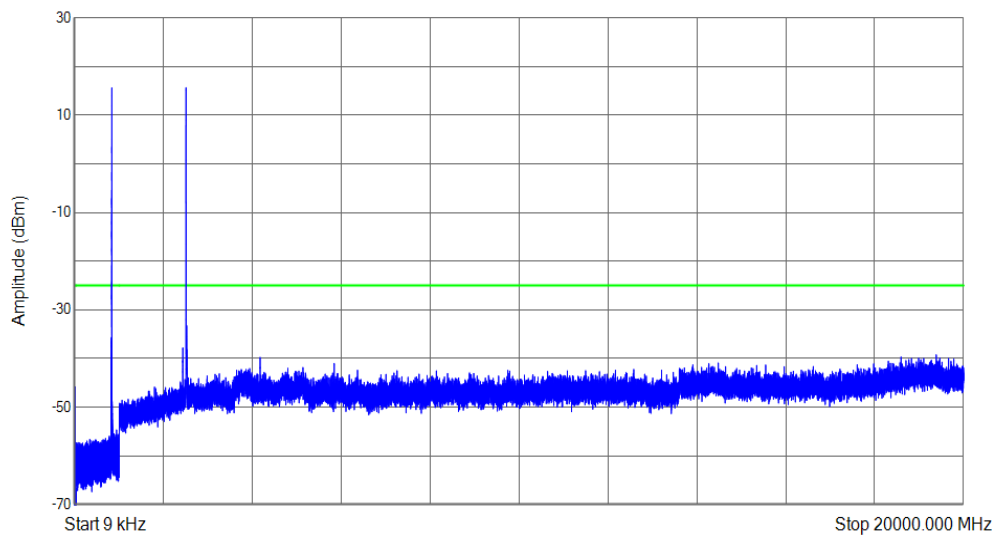
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-44.97	-25
2	0.15	30	10	0.16	-56.98	-25
3	30	1000	100	664.02	-55.9	-25
4	1000	20000	1000	19010.1	-38.8	-25

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



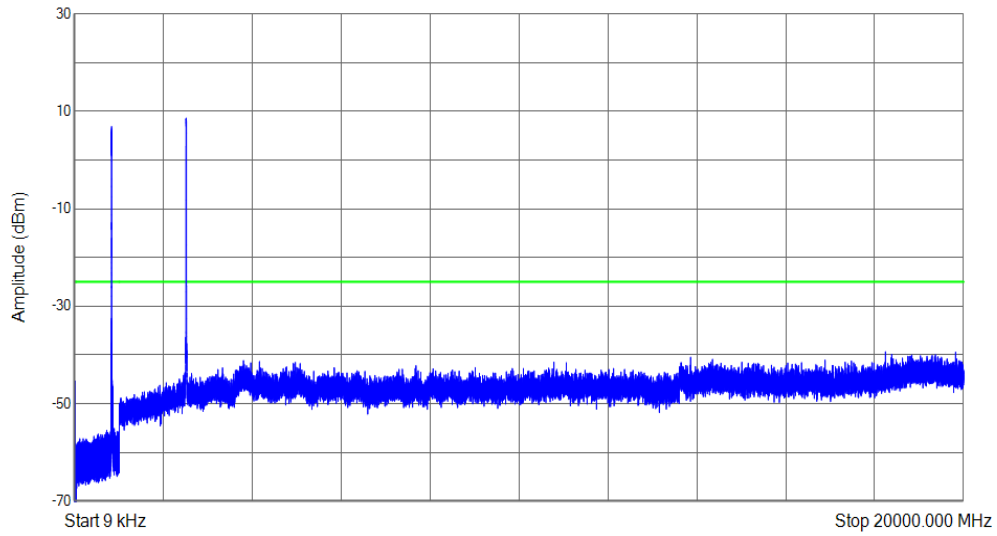
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.16	-25
2	0.15	30	10	0.15	-55.41	-25
3	30	1000	100	998.22	-54.52	-25
4	1000	20000	1000	19199.47	-39.18	-25

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



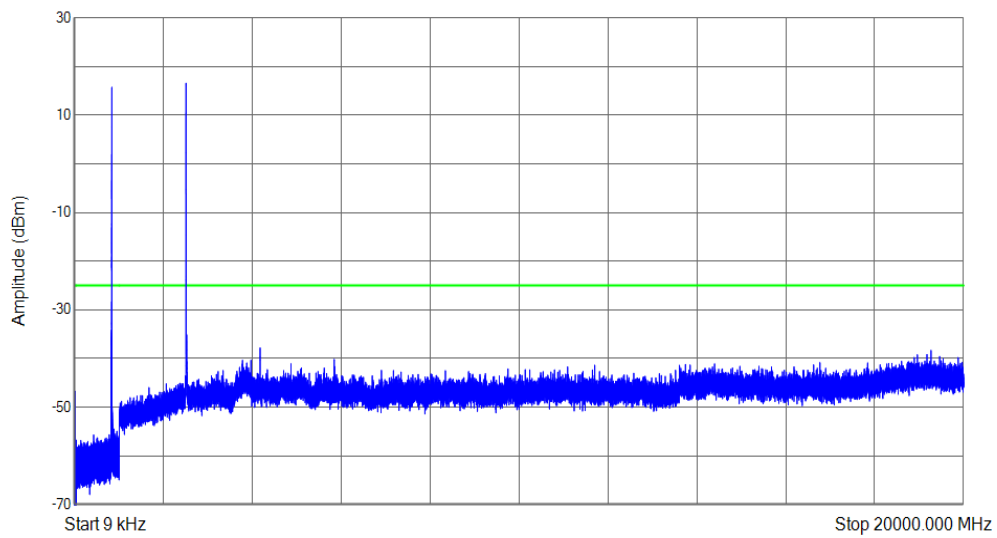
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.89	-25
2	0.15	30	10	0.17	-56.97	-25
3	30	1000	100	938.47	-54.69	-25
4	1000	20000	1000	19385.03	-39.25	-25

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



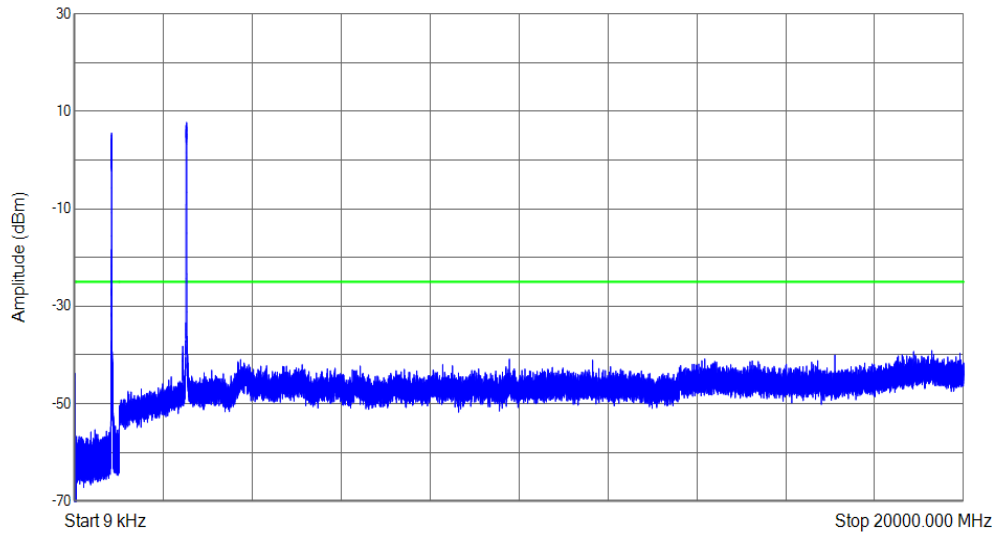
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.36	-25
2	0.15	30	10	0.16	-56.49	-25
3	30	1000	100	885.8	-55.11	-25
4	1000	20000	1000	18243.77	-39.34	-25

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



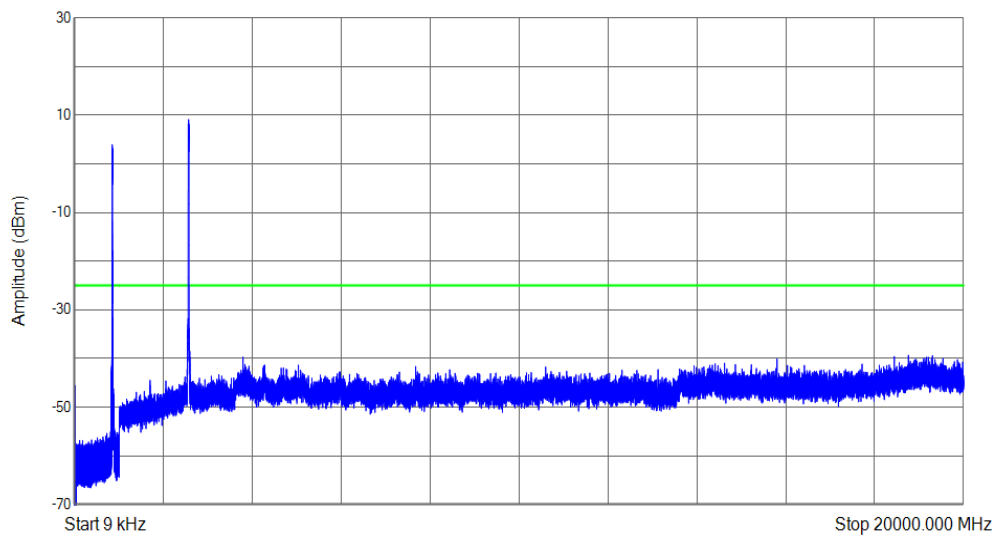
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.79	-25
2	0.15	30	10	0.15	-56.57	-25
3	30	1000	100	947.01	-54.95	-25
4	1000	20000	1000	4167.93	-37.83	-25

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



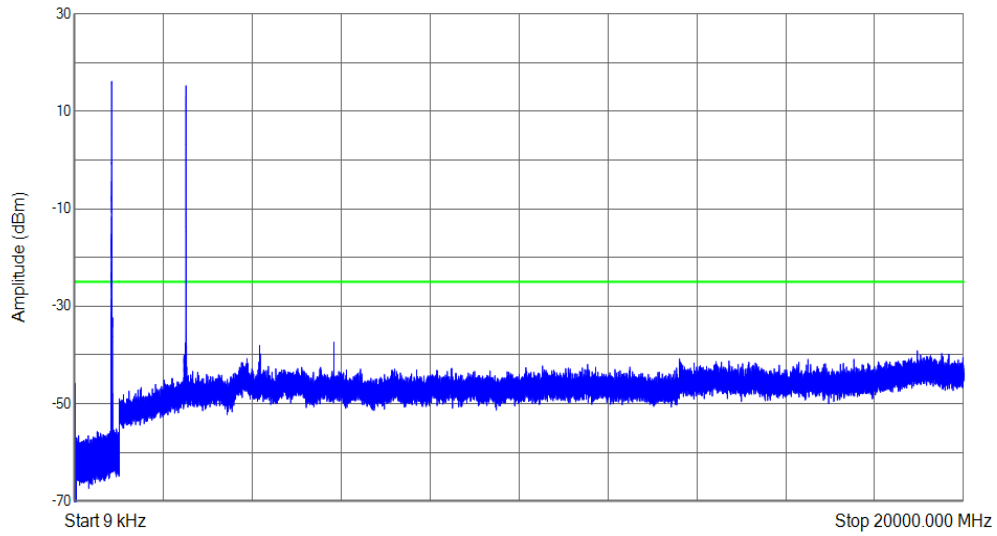
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-43.88	-25
2	0.15	30	10	0.15	-55.63	-25
3	30	1000	100	911.08	-54.62	-25
4	1000	20000	1000	19284.33	-39.1	-25

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



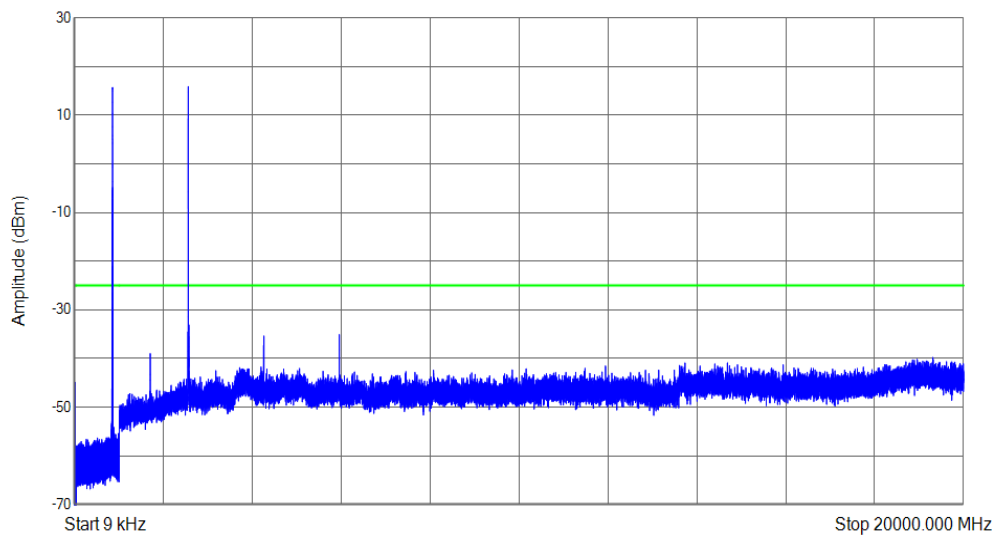
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.57	-25
2	0.15	30	10	0.15	-58.5	-25
3	30	1000	100	903.45	-55.02	-25
4	1000	20000	1000	18759.3	-39.34	-25

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



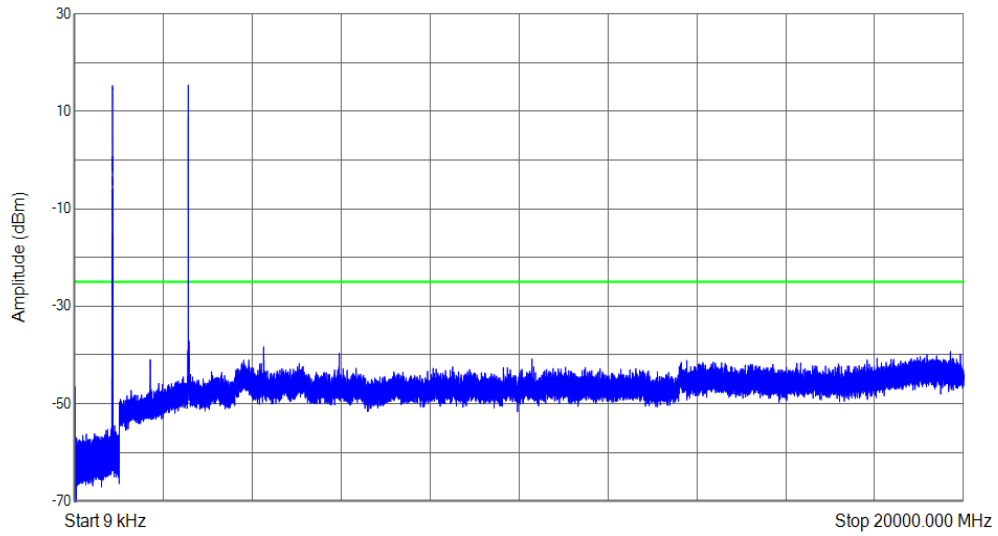
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-45.94	-25
2	0.15	30	10	0.17	-56.93	-25
3	30	1000	100	933.75	-55.17	-25
4	1000	20000	1000	5829.8	-37.4	-25

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	-45.01	-25
2	0.15	30	10	0.17	-57.82	-25
3	30	1000	100	977.85	-55.4	-25
4	1000	20000	1000	5950.77	-35.11	-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	-46.51	-25
2	0.15	30	10	0.17	-56.83	-25
3	30	1000	100	893.14	-54.56	-25
4	1000	20000	1000	4247.73	-38.34	-25