

## TABLE OF CONTENTS

<i>01 Conducted output power for inter-band CA</i> .....	2
<i>06 Out-of-band emissions for inter-band CA</i> .....	4

**01 Conducted output power for inter-band CA**

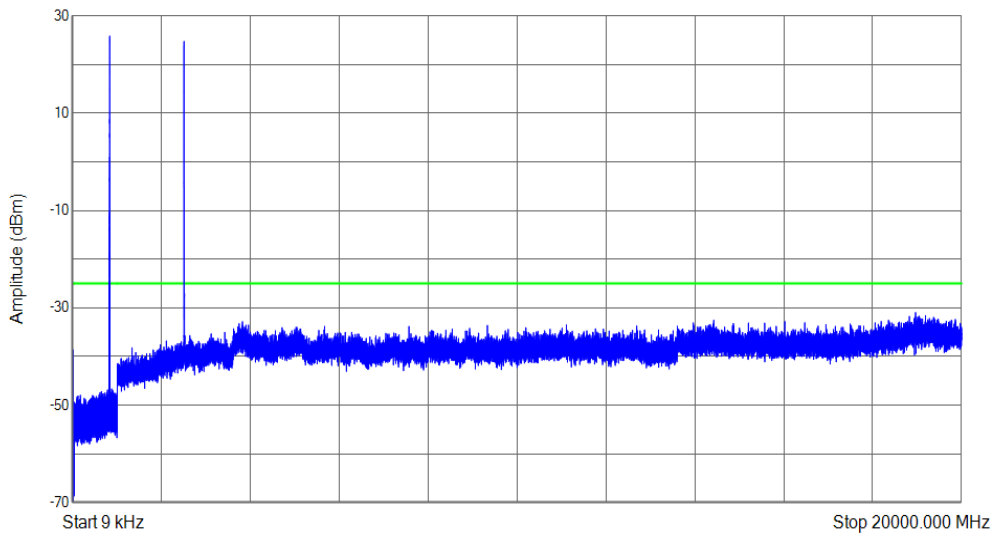
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
7A-5 A	10	280 0	1@0	5	242 5	1@2 4	QPSK	23.81	0	23.81	240.5 9	2000	PASS
7A-5 A	10	280 0	1@49	5	242 5	1@0	QPSK	23.71	0	23.71	234.8 4	2000	PASS
7A-5 A	10	280 0	50@0	5	242 5	25@ 0	QPSK	23.71	0	23.71	235.2 2	2000	PASS
7A-5 A	10	280 0	1@0	5	242 5	1@2 4	16QAM	23.99	0	23.99	250.3 8	2000	PASS
7A-5 A	10	280 0	1@49	5	242 5	1@0	16QAM	23.95	0	23.95	248.3 8	2000	PASS
7A-5 A	10	280 0	50@0	5	242 5	25@ 0	16QAM	23.71	0	23.71	234.8 7	2000	PASS
7A-5 A	10	340 0	1@0	5	262 5	1@2 4	QPSK	23.78	0	23.78	238.5 6	2000	PASS
7A-5 A	10	340 0	1@49	5	262 5	1@0	QPSK	23.68	0	23.68	233.6 1	2000	PASS
7A-5 A	10	340 0	50@0	5	262 5	25@ 0	QPSK	23.72	0	23.72	235.4 1	2000	PASS
7A-5 A	10	340 0	1@0	5	262 5	1@2 4	16QAM	23.72	0	23.72	235.3 2	2000	PASS
7A-5 A	10	340 0	1@49	5	262 5	1@0	16QAM	23.68	0	23.68	233.4 0	2000	PASS
7A-5 A	10	340 0	50@0	5	262 5	25@ 0	16QAM	23.77	0	23.77	238.0 8	2000	PASS
7A-5 A	20	285 0	1@0	10	245 0	1@4 9	QPSK	23.82	0	23.82	240.9 0	2000	PASS
7A-5 A	20	285 0	1@99	10	245 0	1@0	QPSK	23.66	0	23.66	232.5 1	2000	PASS
7A-5 A	20	285 0	100@ 0	10	245 0	50@ 0	QPSK	23.70	0	23.70	234.6 7	2000	PASS
7A-5 A	20	285 0	1@0	10	245 0	1@4 9	16QAM	23.65	0	23.65	232.0 0	2000	PASS
7A-5 A	20	285 0	1@99	10	245 0	1@0	16QAM	23.49	0	23.49	223.2 0	2000	PASS
7A-5 A	20	285 0	100@ 0	10	245 0	50@ 0	16QAM	23.72	0	23.72	235.5 8	2000	PASS
7A-5	20	335	1@0	10	260	1@4	QPSK	23.86	0	23.86	243.0	2000	PASS

A		0			0	9					8		
7A-5	20	335	1@99	10	260	1@0	QPSK	23.71	0	23.71	235.0	2000	PASS
A		0			0						2		
7A-5	20	335	100@	10	260	50@	QPSK	23.62	0	23.62	230.2	2000	PASS
A		0	0		0	0					8		
7A-5	20	335	1@0	10	260	1@4	16QAM	23.61	0	23.61	229.3	2000	PASS
A		0			0	9					9		
7A-5	20	335	1@99	10	260	1@0	16QAM	23.51	0	23.51	224.3	2000	PASS
A		0			0						7		
7A-5	20	335	100@	10	260	50@	16QAM	23.65	0	23.65	231.8	2000	PASS
A		0	0		0	0					0		

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

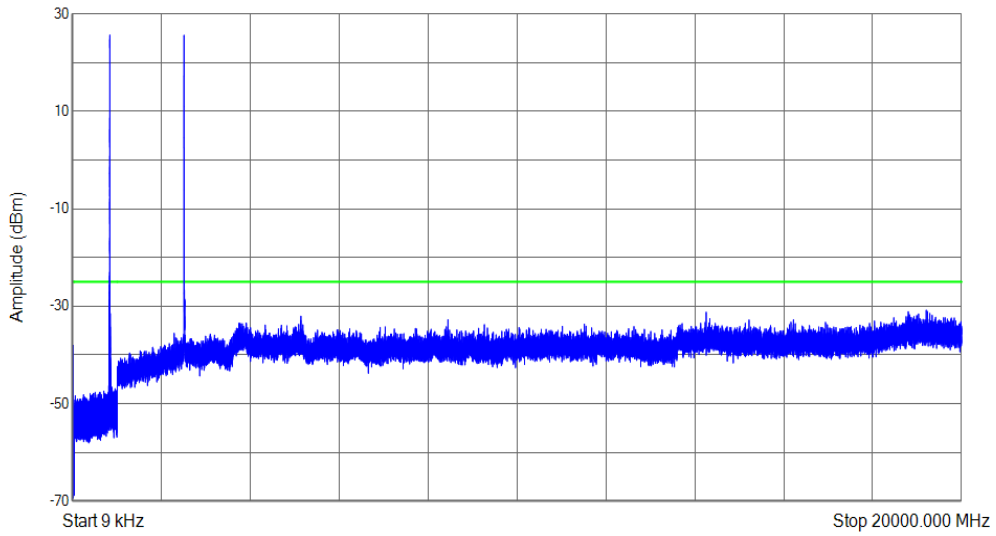
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
7A-5A	10	2800	1@0	5	2425	1@24	QPSK	19002.50	-30.98	-25	PASS
7A-5A	10	2800	50@0	5	2425	25@0	QPSK	19298.90	-30.72	-25	PASS
7A-5A	10	2800	1@0	5	2425	1@24	16QAM	18963.23	-30.97	-25	PASS
7A-5A	10	2800	50@0	5	2425	25@0	16QAM	19088.63	-30.88	-25	PASS
7A-5A	10	3400	1@0	5	2625	1@24	QPSK	18703.57	-30.85	-25	PASS
7A-5A	10	3400	50@0	5	2625	25@0	QPSK	18475.57	-31.73	-25	PASS
7A-5A	10	3400	1@0	5	2625	1@24	16QAM	18246.93	-31.73	-25	PASS
7A-5A	10	3400	50@0	5	2625	25@0	16QAM	19623.17	-31.16	-25	PASS
7A-5A	20	2850	1@0	10	2450	1@49	QPSK	18714.97	-30.29	-25	PASS
7A-5A	20	2850	100@0	10	2450	50@0	QPSK	19385.03	-30.90	-25	PASS
7A-5A	20	2850	1@0	10	2450	1@49	16QAM	19204.53	-30.82	-25	PASS
7A-5A	20	2850	100@0	10	2450	50@0	16QAM	19999.37	-29.82	-25	PASS
7A-5A	20	3350	1@0	10	2600	1@49	QPSK	19112.70	-30.78	-25	PASS
7A-5A	20	3350	100@0	10	2600	50@0	QPSK	19313.47	-30.53	-25	PASS
7A-5A	20	3350	1@0	10	2600	1@49	16QAM	19120.93	-31.73	-25	PASS
7A-5A	20	3350	100@0	10	2600	50@0	16QAM	3797.43	-31.08	-25	PASS

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



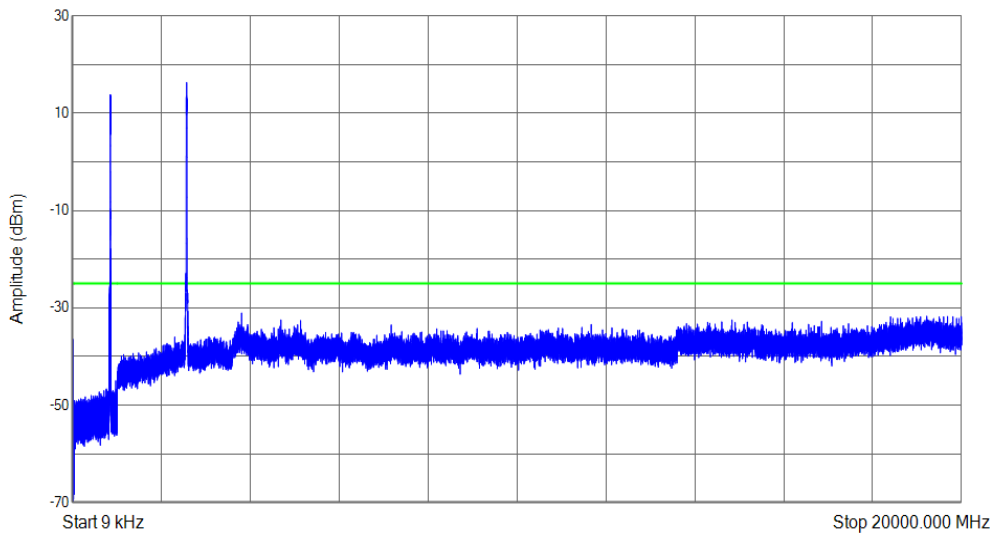
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-38.67	-25
2	0.15	30	10	0.15	-48.35	-25
3	30	1000	100	872.87	-46.67	-25
4	1000	20000	1000	18963.23	-30.97	-25

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



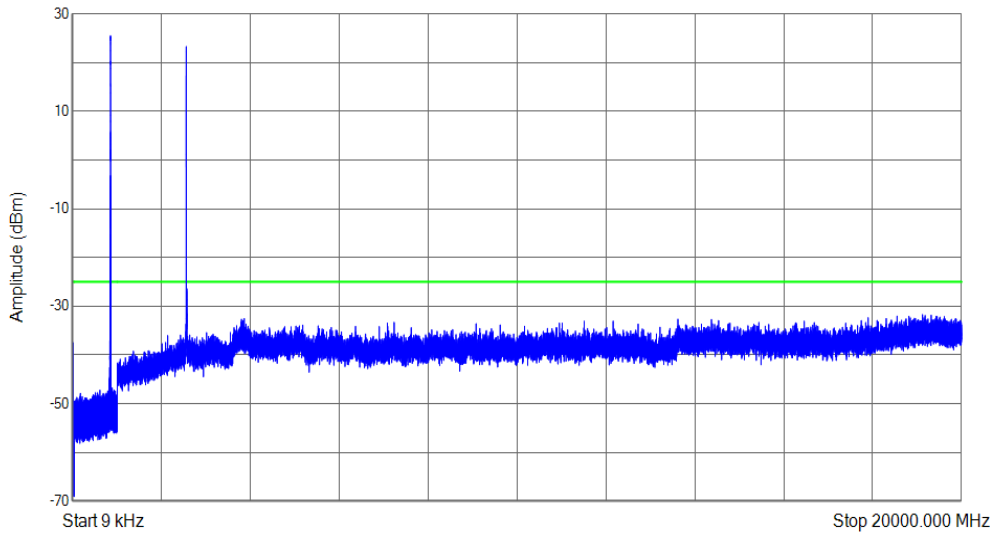
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.07	-25
2	0.15	30	10	0.16	-48.7	-25
3	30	1000	100	950.82	-46.93	-25
4	1000	20000	1000	19204.53	-30.82	-25

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



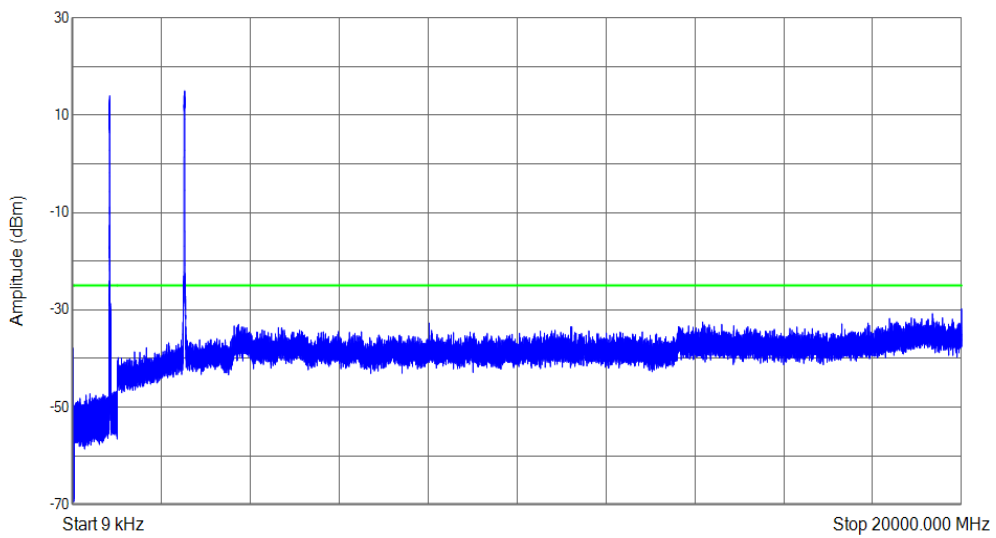
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.57	-25
2	0.15	30	10	0.18	-47.98	-25
3	30	1000	100	964.24	-45	-25
4	1000	20000	1000	3797.43	-31.08	-25

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



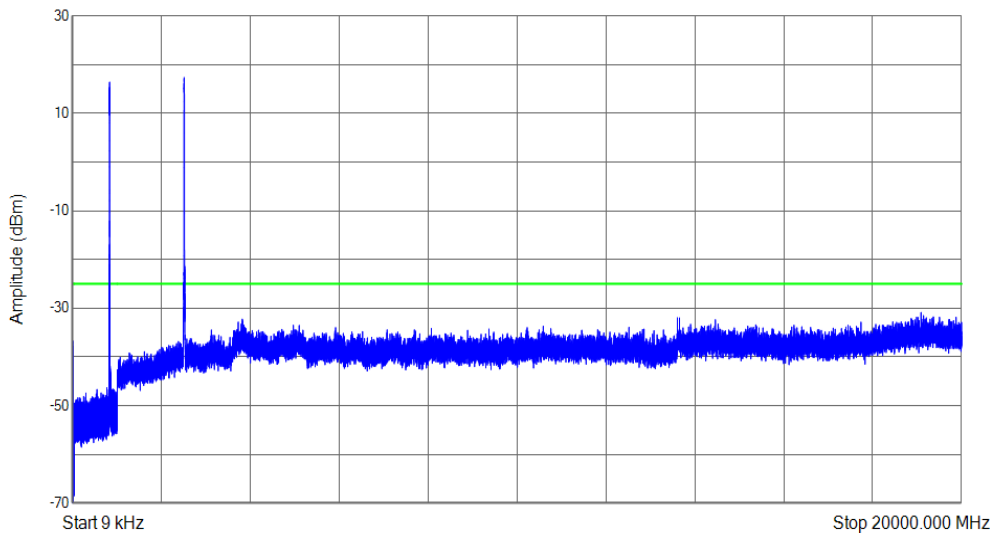
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.53	-25
2	0.15	30	10	0.15	-49.81	-25
3	30	1000	100	928.54	-47.21	-25
4	1000	20000	1000	19120.93	-31.73	-25

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



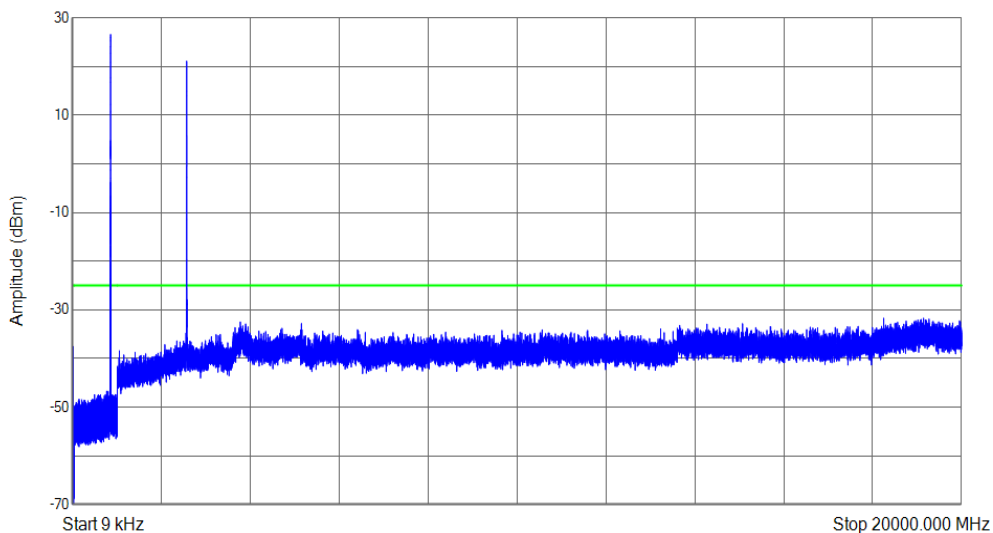
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.95	-25
2	0.15	30	10	0.15	-47.21	-25
3	30	1000	100	978.98	-46.79	-25
4	1000	20000	1000	19999.37	-29.82	-25

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



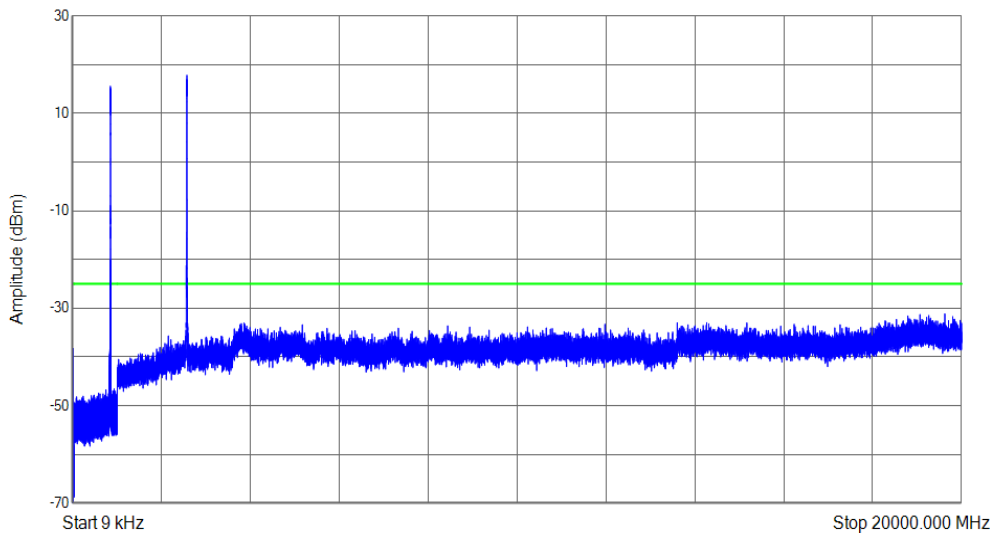
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.73	-25
2	0.15	30	10	0.15	-48.38	-25
3	30	1000	100	766.04	-46.31	-25
4	1000	20000	1000	19088.63	-30.88	-25

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



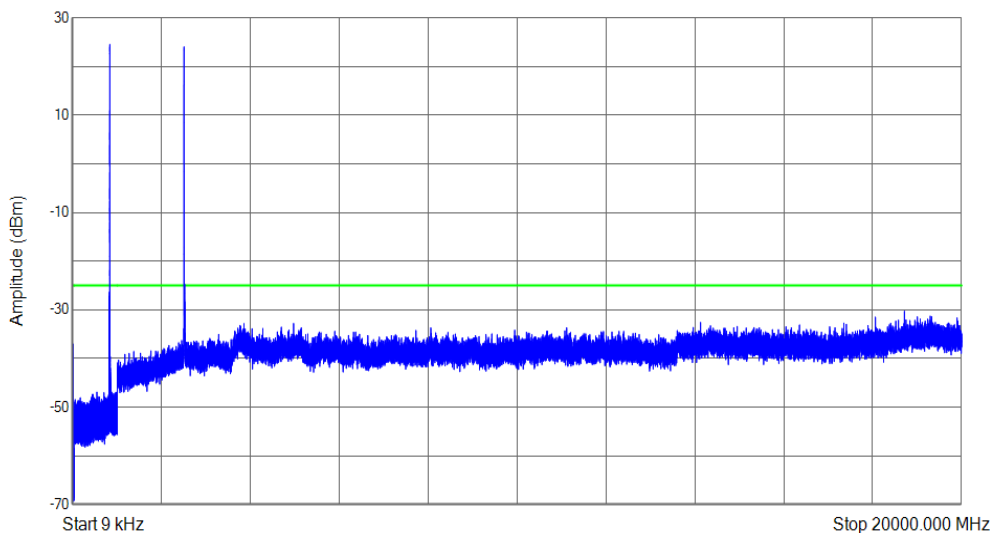
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.55	-25
2	0.15	30	10	0.18	-48.67	-25
3	30	1000	100	762.54	-46.71	-25
4	1000	20000	1000	18246.93	-31.73	-25

**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	-38.26	-25
2	0.15	30	10	0.15	-48.95	-25
3	30	1000	100	929.87	-46.55	-25
4	1000	20000	1000	19623.17	-31.16	-25

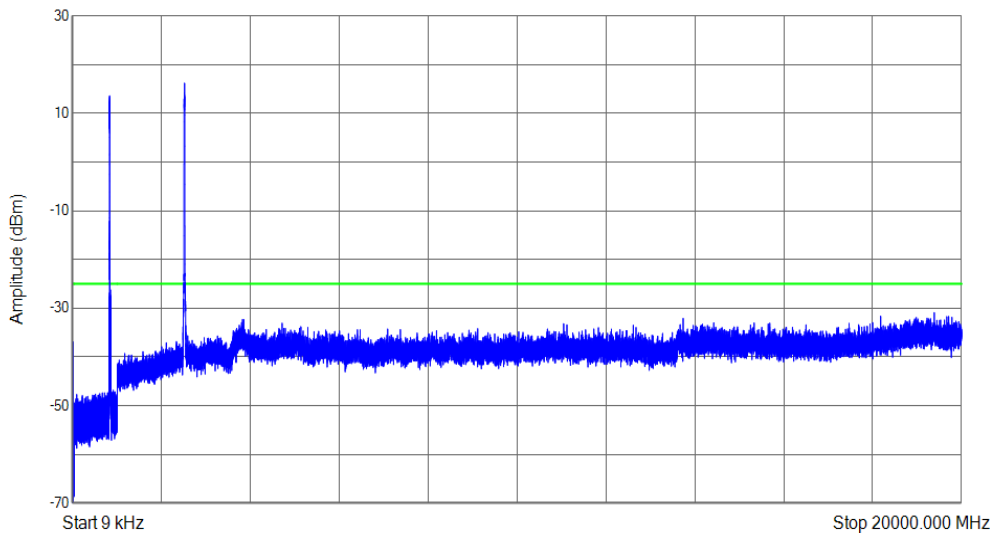
**7A-5A QPSK PCC BW=20MHz Ch=2850 RB=1@0,SCC BW=10MHz Ch=2450 RB=1@49**



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.06	-25
2	0.15	30	10	0.16	-48.48	-25
3	30	1000	100	540.51	-46.92	-25
4	1000	20000	1000	18714.97	-30.29	-25

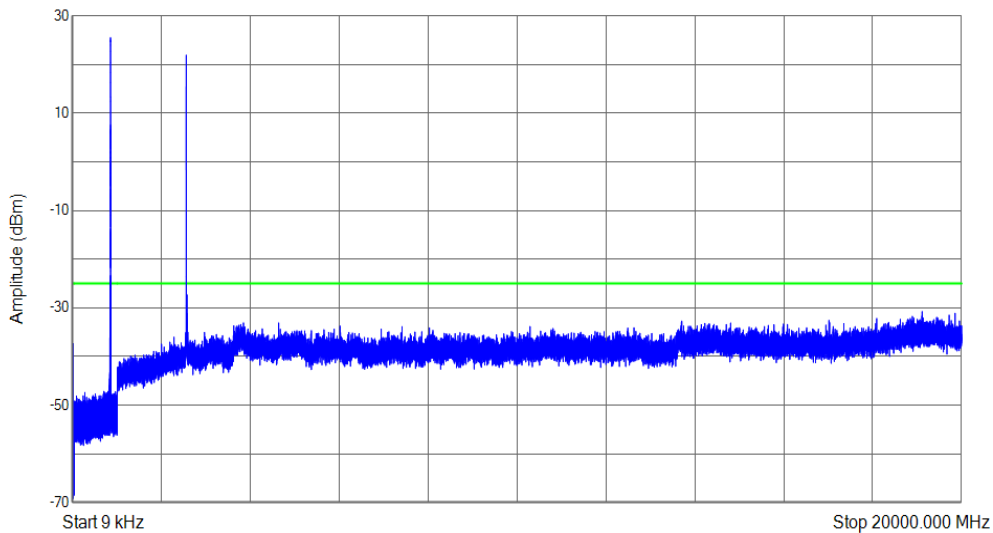
**7A-5A QPSK PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=10MHz Ch=2450 RB=50@0**





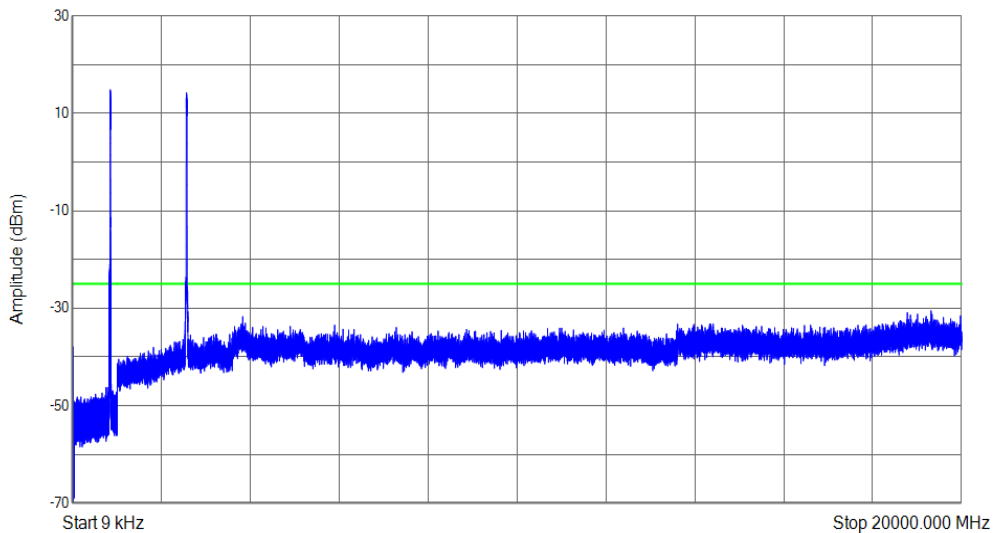
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37	-25
2	0.15	30	10	0.15	-48.86	-25
3	30	1000	100	908.72	-46.84	-25
4	1000	20000	1000	19385.03	-30.9	-25

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



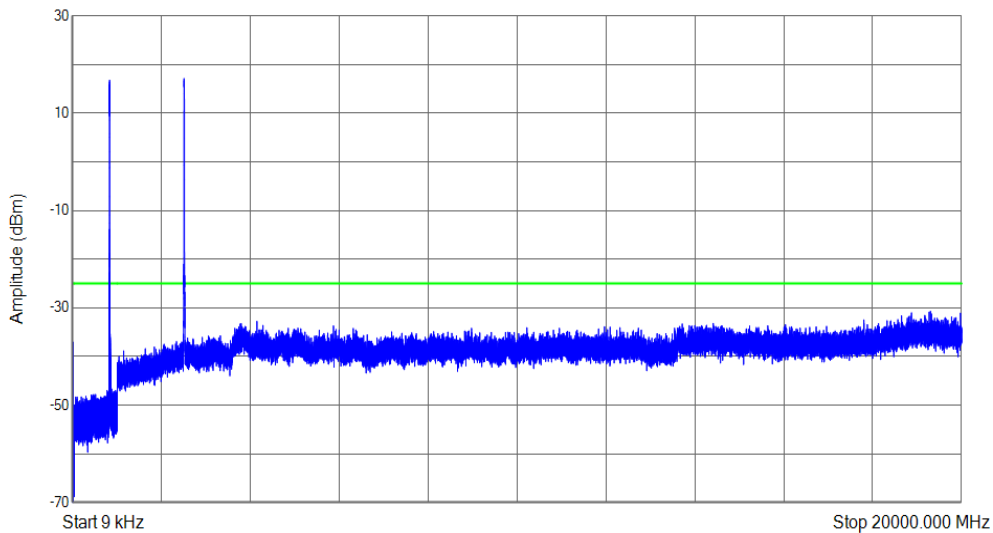
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.43	-25
2	0.15	30	10	0.15	-49.58	-25
3	30	1000	100	699.69	-47.16	-25
4	1000	20000	1000	19112.7	-30.78	-25

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



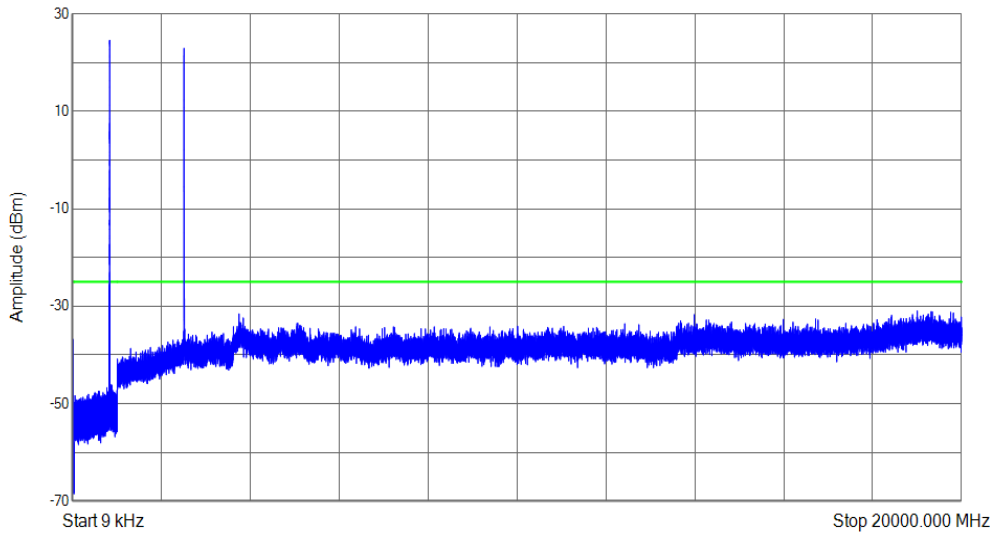
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.98	-25
2	0.15	30	10	0.16	-49.06	-25
3	30	1000	100	776.67	-46.25	-25
4	1000	20000	1000	19313.47	-30.53	-25

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



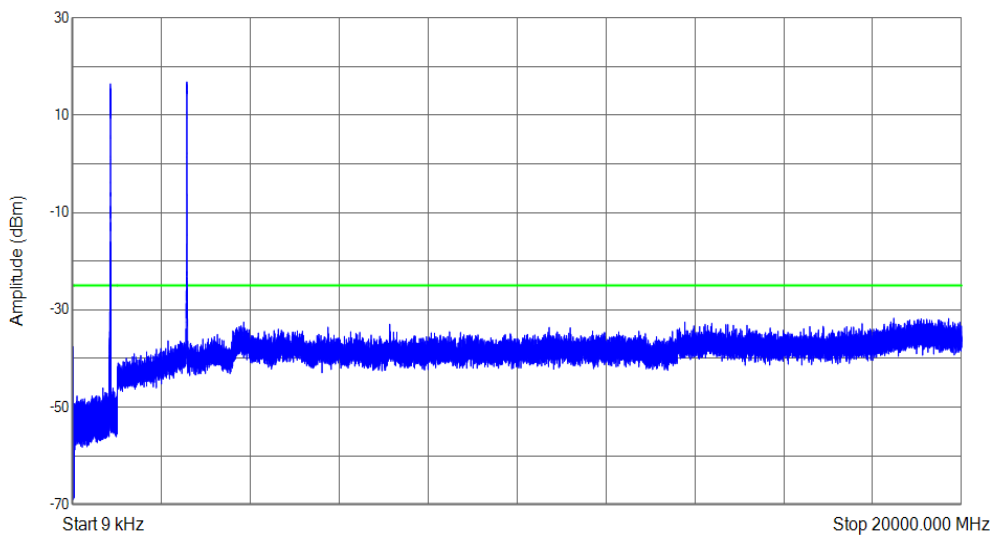
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.07	-25
2	0.15	30	10	0.15	-47.66	-25
3	30	1000	100	874.51	-46.69	-25
4	1000	20000	1000	19298.9	-30.72	-25

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



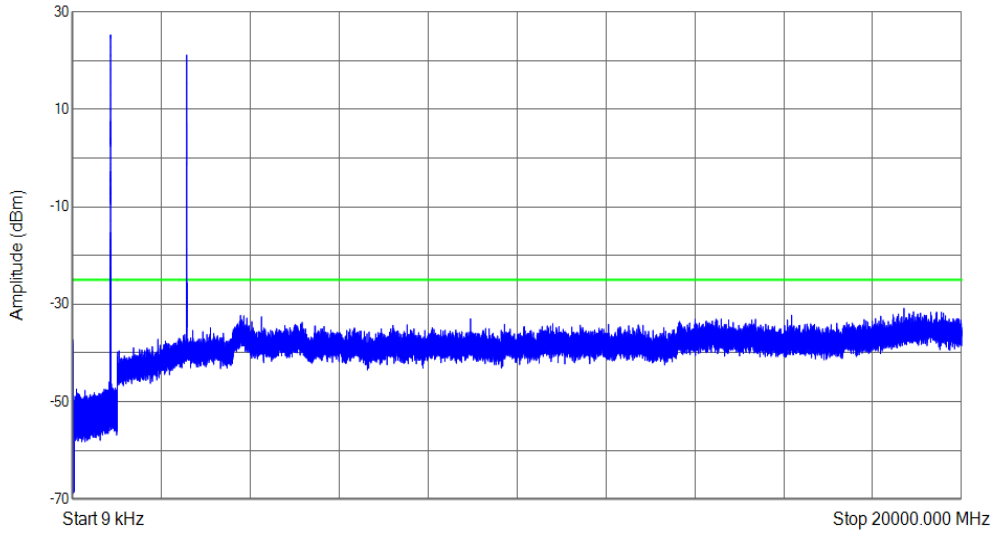
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-36.84	-25
2	0.15	30	10	0.16	-48.97	-25
3	30	1000	100	881.95	-46.24	-25
4	1000	20000	1000	19002.5	-30.98	-25

**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	-37.54	-25
2	0.15	30	10	0.15	-48.61	-25
3	30	1000	100	676.51	-46.05	-25
4	1000	20000	1000	18475.57	-31.73	-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	-37.28	-25
2	0.15	30	10	0.15	-47.75	-25
3	30	1000	100	955.09	-47.22	-25
4	1000	20000	1000	18703.57	-30.85	-25