

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

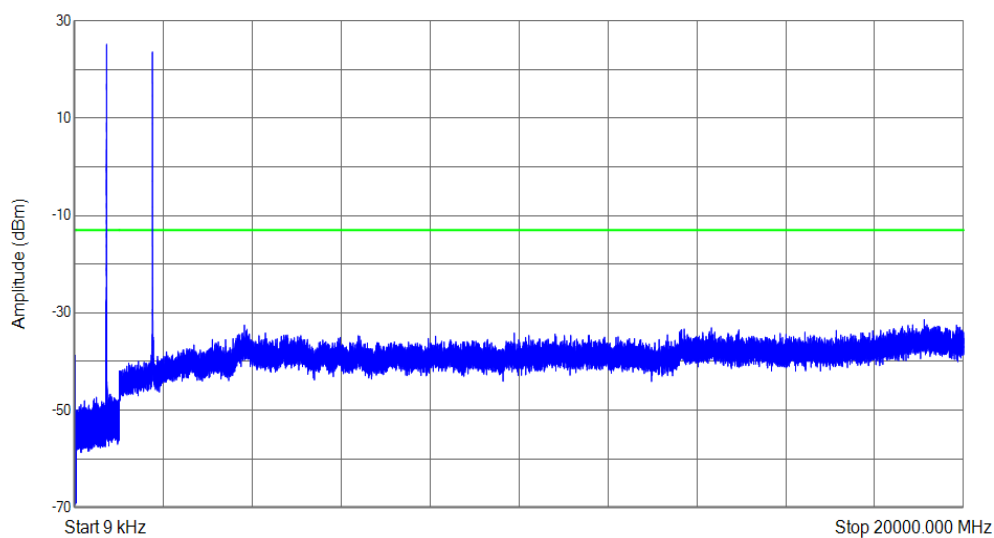
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-17 A	5	197 5	1@0	5	575 5	1@2 4	QPSK	21.72	0	21.72	148.5 7	2000	PASS
4A-17 A	5	197 5	1@2 4	5	575 5	1@0	QPSK	21.69	0	21.69	147.5 5	2000	PASS
4A-17 A	5	197 5	25@ 0	5	575 5	25@ 0	QPSK	21.71	0	21.71	148.2 3	2000	PASS
4A-17 A	5	197 5	1@0	5	575 5	1@2 4	16QAM	21.96	0	21.96	156.9 6	2000	PASS
4A-17 A	5	197 5	1@2 4	5	575 5	1@0	16QAM	21.92	0	21.92	155.5 3	2000	PASS
4A-17 A	5	197 5	25@ 0	5	575 5	25@ 0	16QAM	21.69	0	21.69	147.5 5	2000	PASS
4A-17 A	5	237 5	1@0	5	582 5	1@2 4	QPSK	24.12	0	24.12	258.2 2	2000	PASS
4A-17 A	5	237 5	1@2 4	5	582 5	1@0	QPSK	23.78	0	23.78	239.0 0	2000	PASS
4A-17 A	5	237 5	25@ 0	5	582 5	25@ 0	QPSK	23.92	0	23.92	246.4 0	2000	PASS
4A-17 A	5	237 5	1@0	5	582 5	1@2 4	16QAM	23.96	0	23.96	249.0 9	2000	PASS
4A-17 A	5	237 5	1@2 4	5	582 5	1@0	16QAM	23.61	0	23.61	229.6 7	2000	PASS
4A-17 A	5	237 5	25@ 0	5	582 5	25@ 0	16QAM	23.92	0	23.92	246.8 7	2000	PASS
4A-17 A	10	200 0	1@0	10	578 0	1@4 9	QPSK	24.44	0	24.44	277.8 6	2000	PASS
4A-17 A	10	200 0	1@4 9	10	578 0	1@0	QPSK	23.99	0	23.99	250.8 8	2000	PASS
4A-17 A	10	200 0	50@ 0	10	578 0	50@ 0	QPSK	24.19	0	24.19	262.6 5	2000	PASS
4A-17 A	10	200 0	1@0	10	578 0	1@4 9	16QAM	24.33	0	24.33	270.8 8	2000	PASS
4A-17 A	10	200 0	1@4 9	10	578 0	1@0	16QAM	23.89	0	23.89	245.11	2000	PASS
4A-17 A	10	200 0	50@ 0	10	578 0	50@ 0	16QAM	24.18	0	24.18	262.0 5	2000	PASS
4A-17	10	235	1@0	10	580	1@4	QPSK	24.18	0	24.18	261.9	2000	PASS

A		0			0	9					7		
4A-17	10	235	1@4	10	580	1@0	QPSK	23.53	0	23.53	225.1	2000	PASS
A		0	9		0						9		
4A-17	10	235	50@	10	580	50@	QPSK	23.81	0	23.81	240.4	2000	PASS
A		0	0		0	0					5		
4A-17	10	235	1@0	10	580	1@4	16QAM	24.03	0	24.03	253.0	2000	PASS
A		0			0	9					1		
4A-17	10	235	1@4	10	580	1@0	16QAM	23.36	0	23.36	216.6	2000	PASS
A		0	9		0						4		
4A-17	10	235	50@	10	580	50@	16QAM	23.79	0	23.79	239.0	2000	PASS
A		0	0		0	0					7		

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

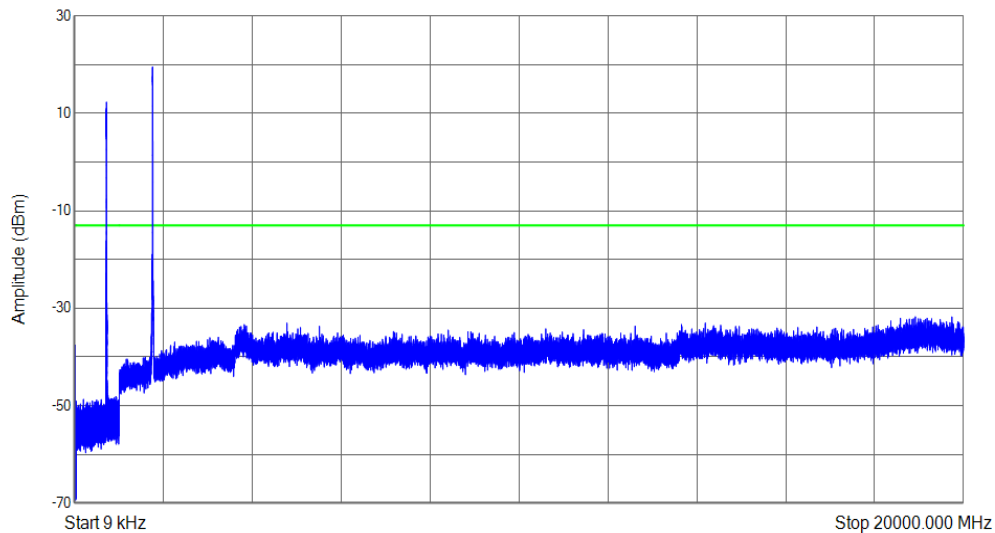
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-17A	5	1975	1@0	5	5755	1@24	QPSK	19271.67	-30.78	-13	PASS
4A-17A	5	1975	25@0	5	5755	25@0	QPSK	19147.53	-31.85	-13	PASS
4A-17A	5	1975	1@0	5	5755	1@24	16QAM	19283.07	-31.72	-13	PASS
4A-17A	5	1975	25@0	5	5755	25@0	16QAM	19260.27	-31.54	-13	PASS
4A-17A	5	2375	1@0	5	5825	1@24	QPSK	19503.47	-31.18	-13	PASS
4A-17A	5	2375	25@0	5	5825	25@0	QPSK	18759.93	-29.84	-13	PASS
4A-17A	5	2375	1@0	5	5825	1@24	16QAM	19219.10	-31.81	-13	PASS
4A-17A	5	2375	25@0	5	5825	25@0	16QAM	19091.80	-31.26	-13	PASS
4A-17A	10	2000	1@0	10	5780	1@49	QPSK	19922.73	-31.68	-13	PASS
4A-17A	10	2000	50@0	10	5780	50@0	QPSK	18942.33	-31.99	-13	PASS
4A-17A	10	2000	1@0	10	5780	1@49	16QAM	18774.50	-32.09	-13	PASS
4A-17A	10	2000	50@0	10	5780	50@0	16QAM	18806.80	-30.70	-13	PASS
4A-17A	10	2350	1@0	10	5800	1@49	QPSK	19140.57	-31.54	-13	PASS
4A-17A	10	2350	50@0	10	5800	50@0	QPSK	19436.33	-31.18	-13	PASS
4A-17A	10	2350	1@0	10	5800	1@49	16QAM	19113.97	-31.38	-13	PASS
4A-17A	10	2350	50@0	10	5800	50@0	16QAM	18915.73	-31.77	-13	PASS

4A-17A 16QAM PCC BW=10MHz Ch=2350 RB=1@0,SCC BW=10MHz Ch=5800 RB=1@49



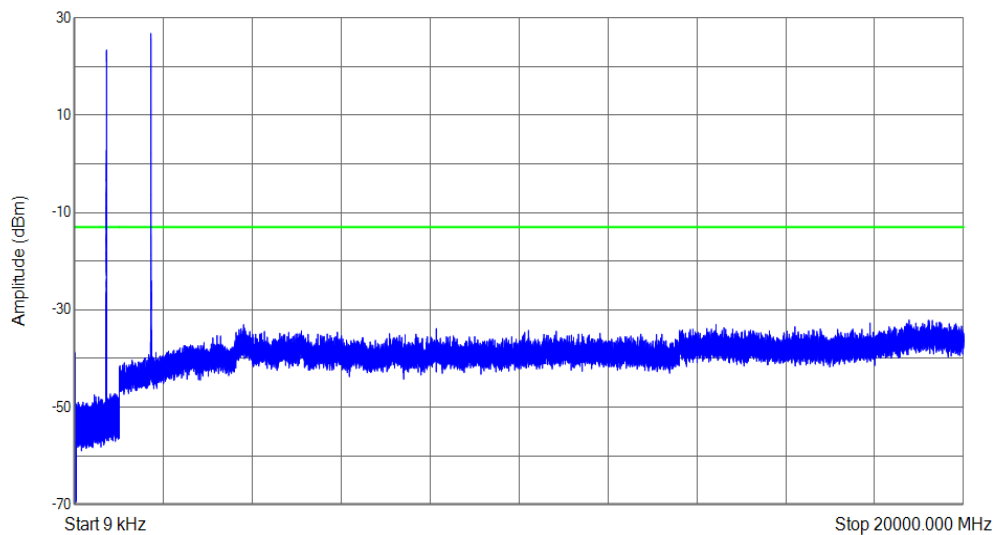
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.71	-13
2	0.15	30	10	0.17	-48.85	-13
3	30	1000	100	797.76	-46.73	-13
4	1000	20000	1000	19113.97	-31.38	-13

4A-17A 16QAM PCC BW=10MHz Ch=2350 RB=50@0,SCC BW=10MHz Ch=5800 RB=50@0



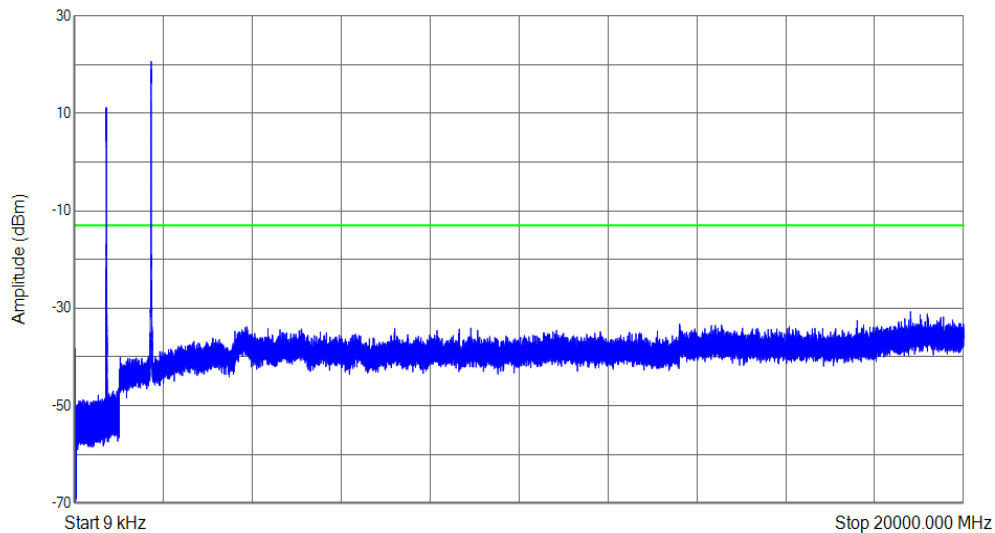
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.59	-13
2	0.15	30	10	0.16	-50.47	-13
3	30	1000	100	920.2	-48.18	-13
4	1000	20000	1000	18915.73	-31.77	-13

4A-17A 16QAM PCC BW=10MHz Ch=2000 RB=1@0,SCC BW=10MHz Ch=5780 RB=1@49



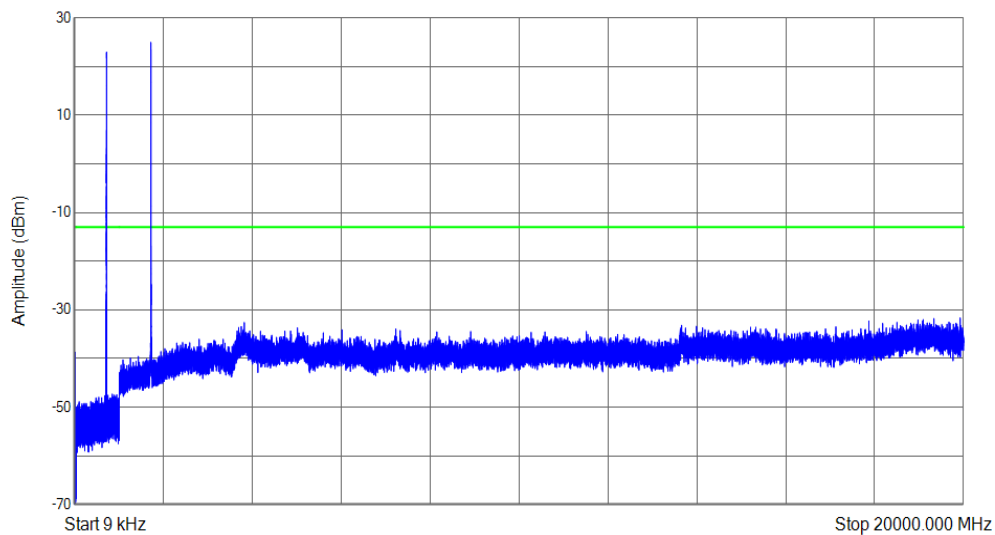
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.87	-13
2	0.15	30	10	0.16	-49.53	-13
3	30	1000	100	897.12	-47.2	-13
4	1000	20000	1000	18774.5	-32.09	-13

4A-17A 16QAM PCC BW=10MHz Ch=2000 RB=50@0,SCC BW=10MHz Ch=5780 RB=50@0



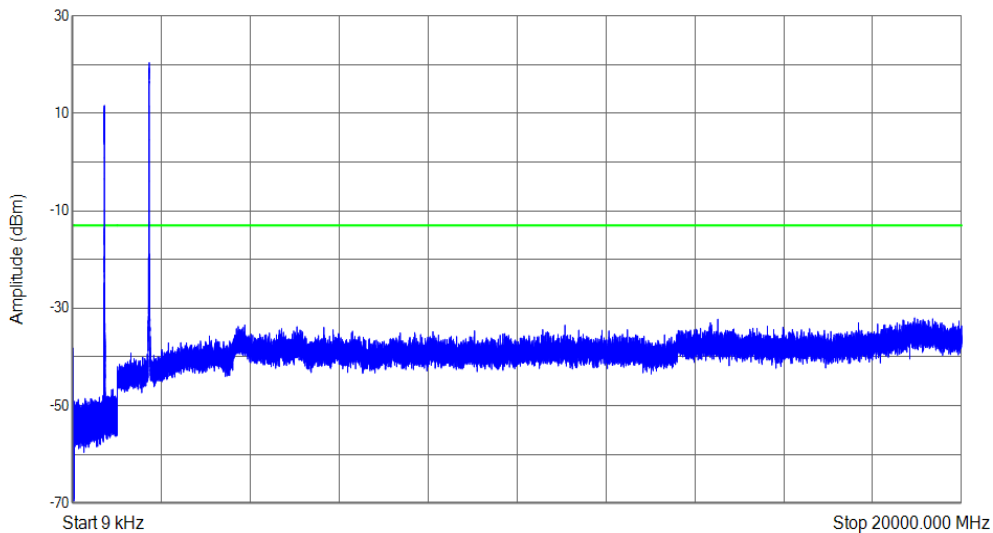
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.24	-13
2	0.15	30	10	0.16	-49.32	-13
3	30	1000	100	981.15	-46.47	-13
4	1000	20000	1000	18806.8	-30.7	-13

4A-17A QPSK PCC BW=10MHz Ch=2000 RB=1@0,SCC BW=10MHz Ch=5780 RB=1@49



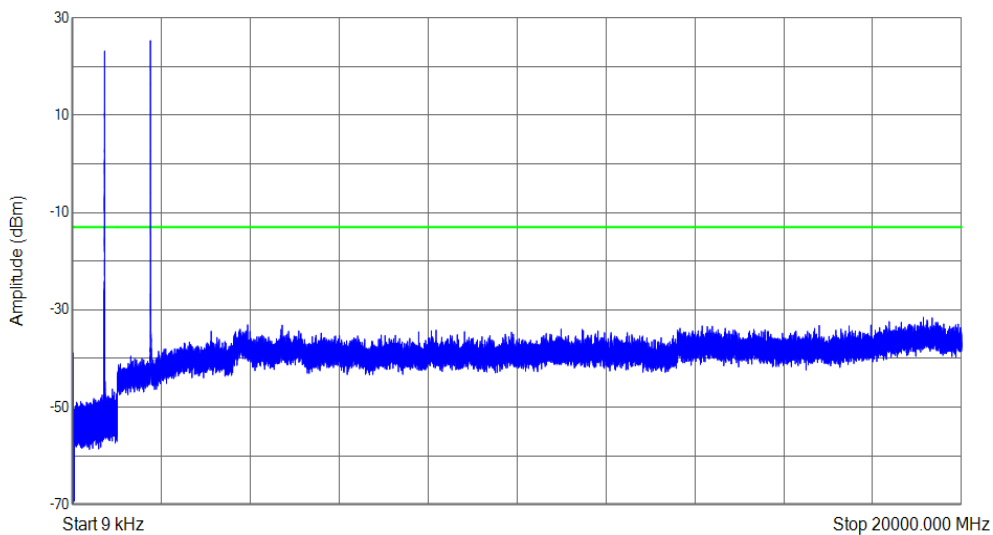
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.73	-13
2	0.15	30	10	0.17	-48.31	-13
3	30	1000	100	841.57	-47.33	-13
4	1000	20000	1000	19922.73	-31.68	-13

4A-17A QPSK PCC BW=10MHz Ch=2000 RB=50@0,SCC BW=10MHz Ch=5780 RB=50@0



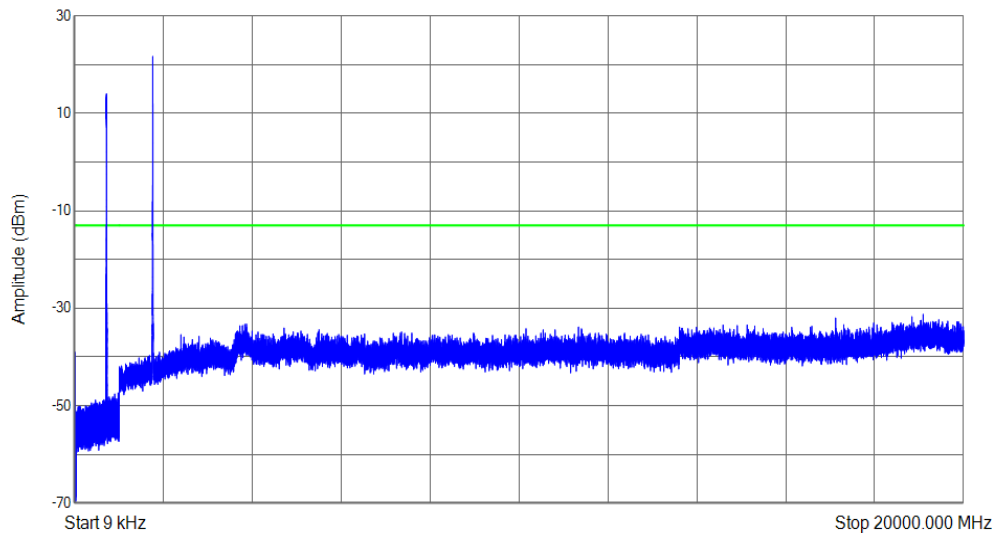
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.2	-13
2	0.15	30	10	0.16	-49.73	-13
3	30	1000	100	903.61	-46.65	-13
4	1000	20000	1000	18942.33	-31.99	-13

4A-17A QPSK PCC BW=10MHz Ch=2350 RB=1@0, SCC BW=10MHz Ch=5800 RB=1@49



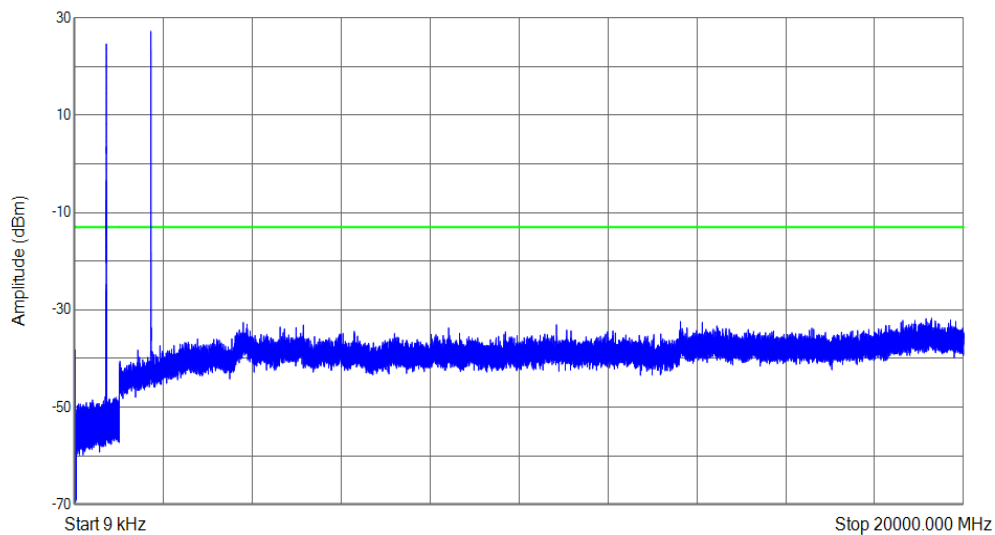
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.89	-13
2	0.15	30	10	0.2	-49.85	-13
3	30	1000	100	888.22	-46.3	-13
4	1000	20000	1000	19140.57	-31.54	-13

4A-17A 16QAM PCC BW=5MHz Ch=2375 RB=25@0, SCC BW=5MHz Ch=5825 RB=25@0



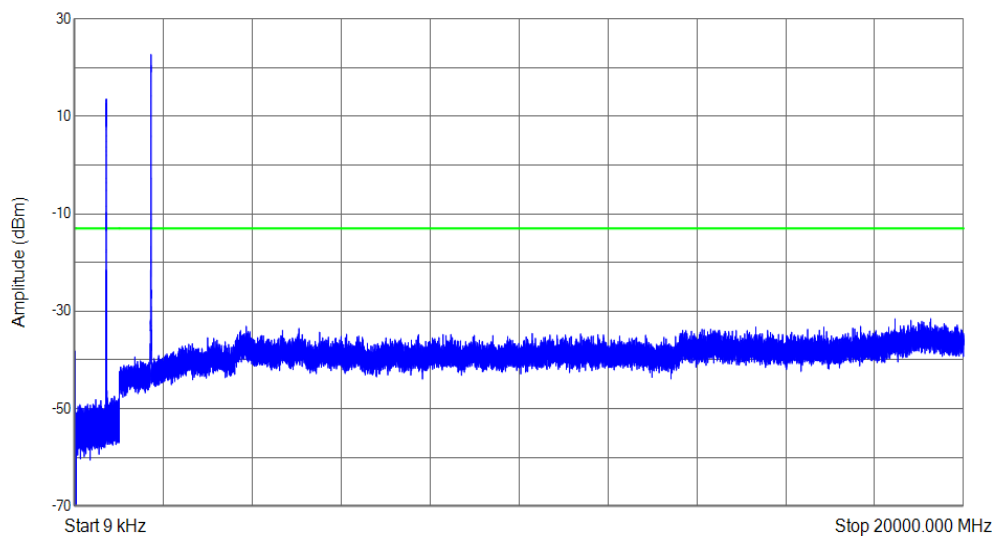
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.1	-13
2	0.15	30	10	0.16	-48.98	-13
3	30	1000	100	975.14	-47.37	-13
4	1000	20000	1000	19091.8	-31.26	-13

4A-17A 16QAM PCC BW=5MHz Ch=1975 RB=1@0,SCC BW=5MHz Ch=5755 RB=1@24



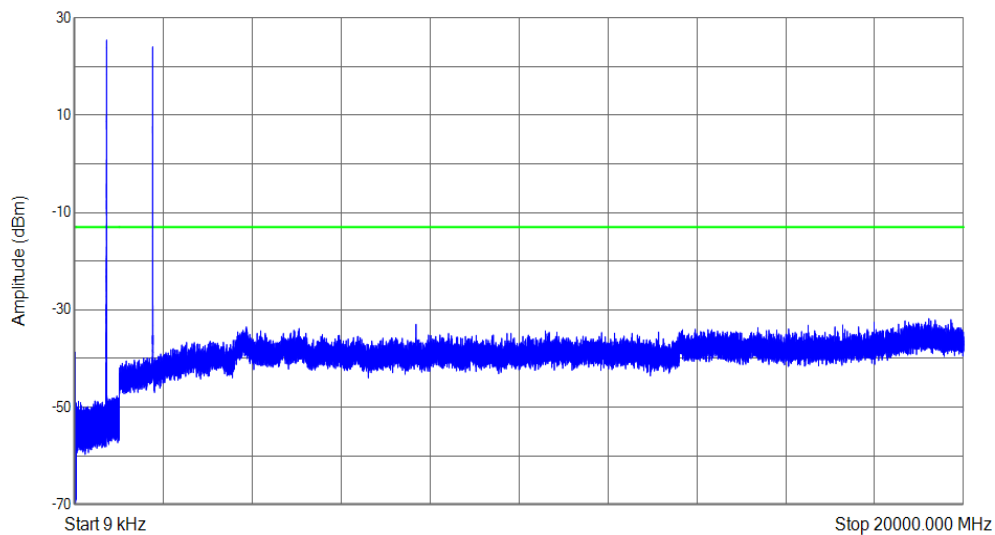
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.27	-13
2	0.15	30	10	0.15	-49.7	-13
3	30	1000	100	996.15	-47.64	-13
4	1000	20000	1000	19283.07	-31.72	-13

4A-17A 16QAM PCC BW=5MHz Ch=1975 RB=25@0,SCC BW=5MHz Ch=5755 RB=25@0



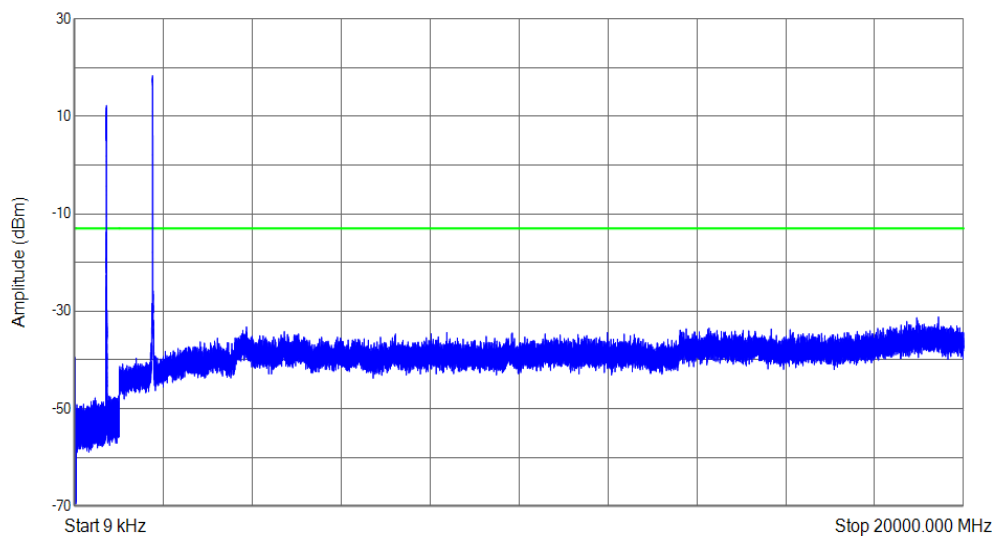
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.22	-13
2	0.15	30	10	0.15	-49.08	-13
3	30	1000	100	888.03	-47.43	-13
4	1000	20000	1000	19260.27	-31.54	-13

4A-17A 16QAM PCC BW=5MHz Ch=2375 RB=1@0,SCC BW=5MHz Ch=5825 RB=1@24



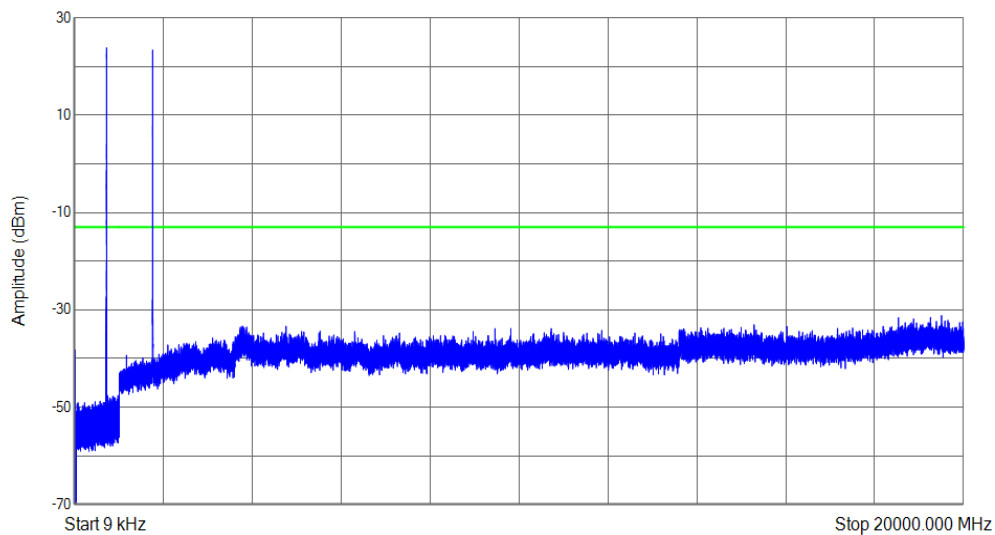
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.78	-13
2	0.15	30	10	0.16	-47.44	-13
3	30	1000	100	944.45	-47.73	-13
4	1000	20000	1000	19219.1	-31.81	-13

4A-17A QPSK PCC BW=10MHz Ch=2350 RB=50@0,SCC BW=10MHz Ch=5800 RB=50@0



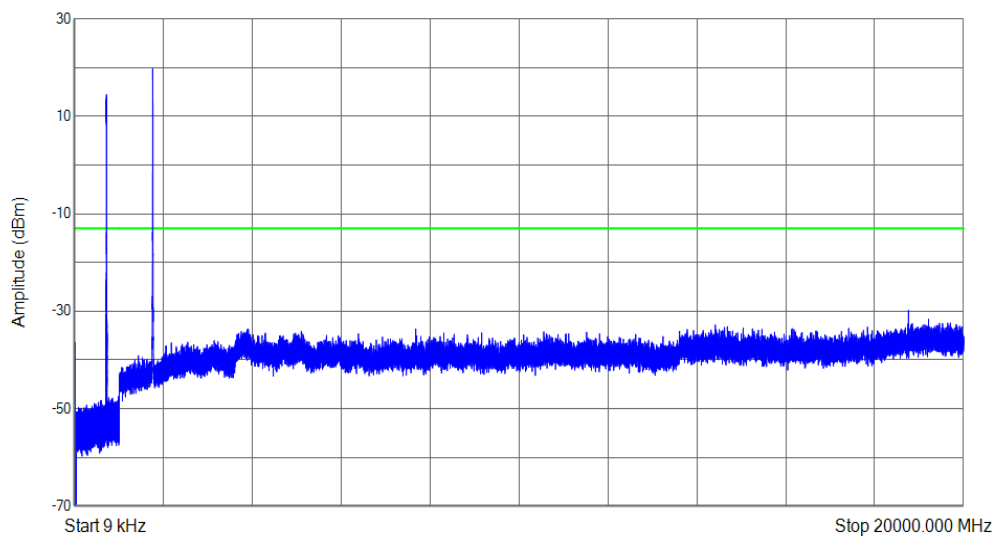
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.46	-13
2	0.15	30	10	0.18	-48.65	-13
3	30	1000	100	982.6	-47.36	-13
4	1000	20000	1000	19436.33	-31.18	-13

4A-17A QPSK PCC BW=5MHz Ch=2375 RB=1@0,SCC BW=5MHz Ch=5825 RB=1@24



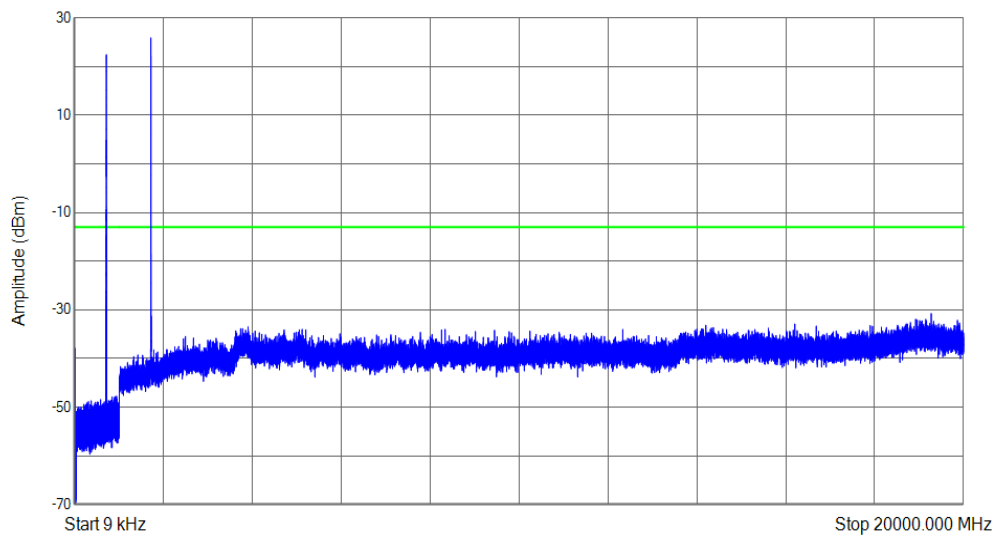
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-38.33	-13
2	0.15	30	10	0.15	-50.22	-13
3	30	1000	100	970.48	-47.6	-13
4	1000	20000	1000	19503.47	-31.18	-13

4A-17A QPSK PCC BW=5MHz Ch=2375 RB=25@0,SCC BW=5MHz Ch=5825 RB=25@0



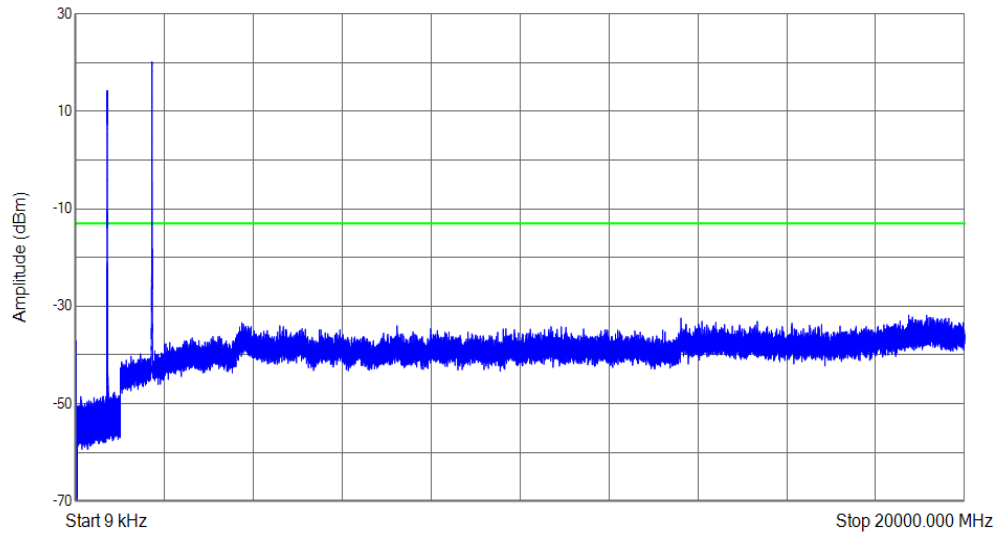
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.52	-13
2	0.15	30	10	0.15	-49.71	-13
3	30	1000	100	977.85	-47.52	-13
4	1000	20000	1000	18759.93	-29.84	-13

4A-17A QPSK PCC BW=5MHz Ch=1975 RB=1@0,SCC BW=5MHz Ch=5755 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	-37.96	-13
2	0.15	30	10	0.18	-48.78	-13
3	30	1000	100	937.92	-47.76	-13
4	1000	20000	1000	19271.67	-30.78	-13

4A-17A QPSK PCC BW=5MHz Ch=1975 RB=25@0,SCC BW=5MHz Ch=5755 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	-37.16	-13
2	0.15	30	10	0.2	-49.6	-13
3	30	1000	100	865.46	-47.64	-13
4	1000	20000	1000	19147.53	-31.85	-13