

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

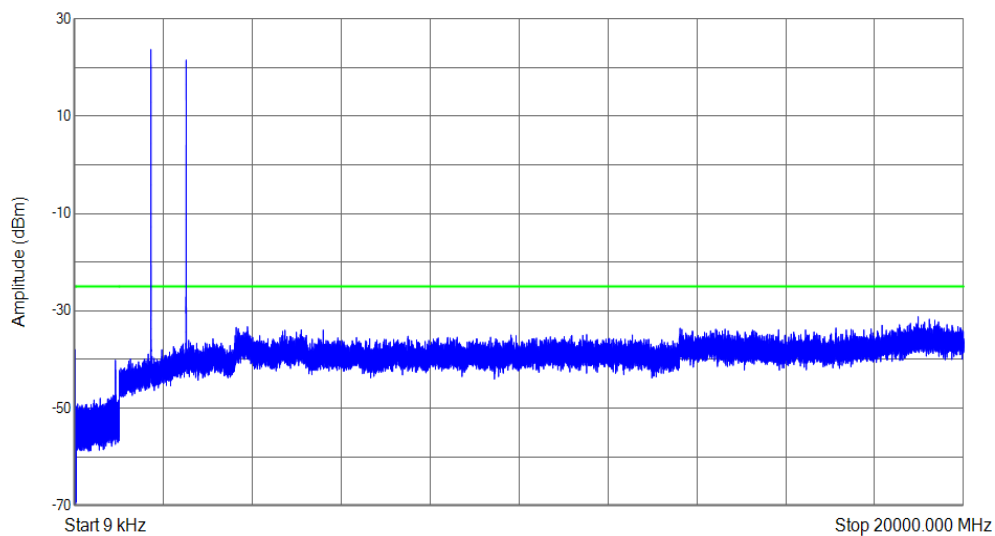
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-7 A	5	197 5	1@0	5	277 5	1@24	QPSK	22.65	0	22.65	184.2 9	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	QPSK	22.75	0	22.75	188.2 3	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	QPSK	22.71	0	22.71	186.6 4	2000	PASS
4A-7 A	5	197 5	1@0	5	277 5	1@24	16QAM	22.49	0	22.49	177.5 1	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	16QAM	22.51	0	22.51	178.1 8	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	16QAM	22.69	0	22.69	185.8 7	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	QPSK	24.52	0	24.52	283.1 0	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	QPSK	24.62	0	24.62	289.5 8	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	QPSK	24.97	0	24.97	314.1 5	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	16QAM	24.41	0	24.41	275.8 6	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	16QAM	24.50	0	24.50	281.9 8	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	16QAM	24.95	0	24.95	312.7 5	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	QPSK	22.93	0	22.93	196.1 8	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	QPSK	23.53	0	23.53	225.2 4	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	QPSK	23.13	0	23.13	205.5 6	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	16QAM	22.47	0	22.47	176.5 1	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	16QAM	22.81	0	22.81	191.1 8	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	16QAM	23.17	0	23.17	207.2 9	2000	PASS
4A-7	20	230	1@0	20	335	1@99	QPSK	24.13	0	24.13	258.6	2000	PASS

A		0			0						4		
4A-7	20	230	1@99	20	335	1@0	QPSK	24.42	0	24.42	276.6	2000	PASS
A		0			0						6		
4A-7	20	230	100@	20	335	100@	QPSK	24.77	0	24.77	299.7	2000	PASS
A		0	0		0	0					2		
4A-7	20	230	1@0	20	335	1@99	16QAM	23.85	0	23.85	242.7	2000	PASS
A		0			0						6		
4A-7	20	230	1@99	20	335	1@0	16QAM	24.12	0	24.12	258.1	2000	PASS
A		0			0						4		
4A-7	20	230	100@	20	335	100@	16QAM	24.77	0	24.77	300.0	2000	PASS
A		0	0		0	0					5		

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

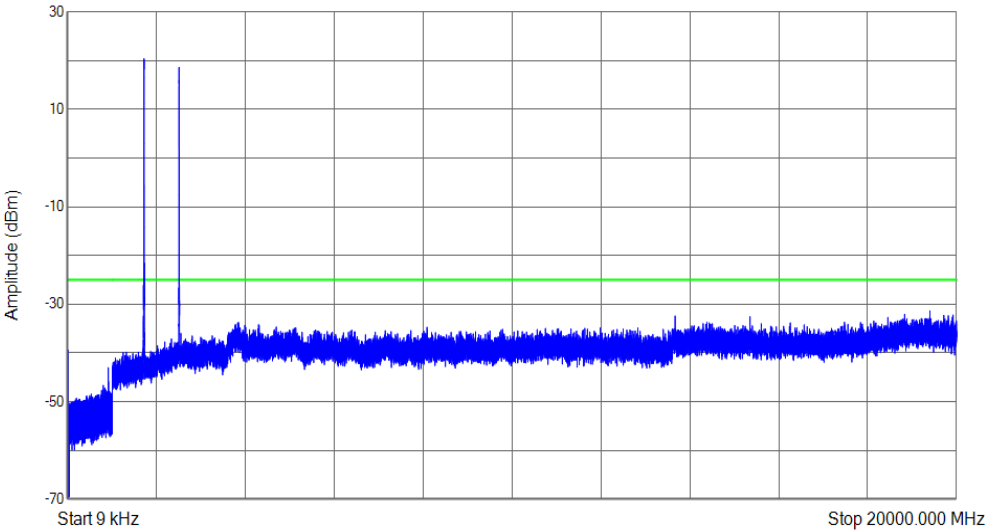
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-7A	5	1975	1@0	5	2775	1@24	QPSK	19207.70	-31.60	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	QPSK	19283.07	-31.57	-25	PASS
4A-7A	5	1975	1@0	5	2775	1@24	16QAM	18977.17	-31.22	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	16QAM	19399.60	-31.37	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	QPSK	19079.77	-32.10	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	QPSK	19587.70	-31.19	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	16QAM	18859.37	-31.50	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	16QAM	19366.67	-30.18	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	QPSK	19290.03	-31.75	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	QPSK	18844.80	-32.03	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	16QAM	19476.23	-31.39	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	16QAM	19384.40	-31.87	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	QPSK	19267.87	-31.06	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	QPSK	19293.20	-31.90	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	16QAM	19588.33	-31.45	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	16QAM	19353.37	-31.43	-25	PASS

4A-7A 16QAM PCC BW=5MHz Ch=1975 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24



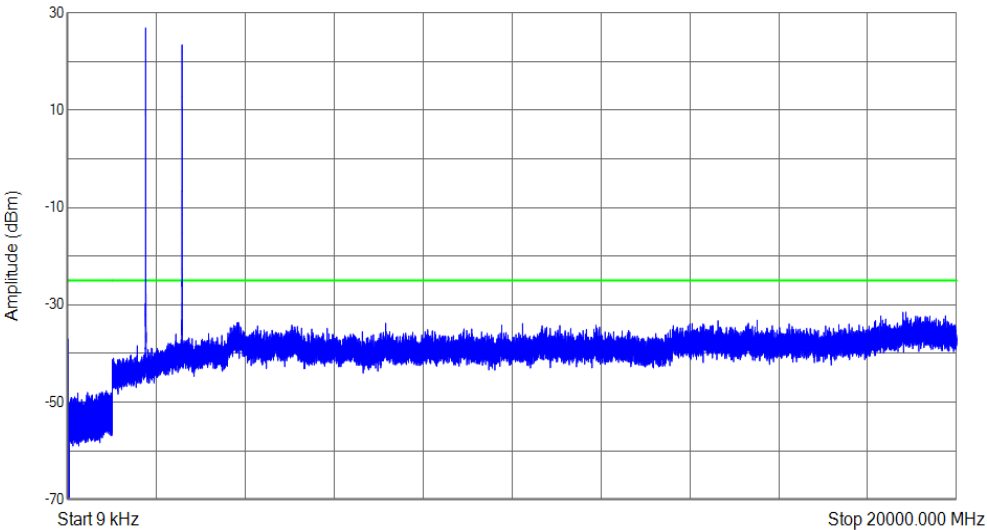
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38	-25
2	0.15	30	10	0.15	-49.14	-25
3	30	1000	100	911.47	-40.16	-25
4	1000	20000	1000	18977.17	-31.22	-25

4A-7A 16QAM PCC BW=5MHz Ch=1975 RB=25@0,SCC BW=5MHz Ch=2775 RB=25@0



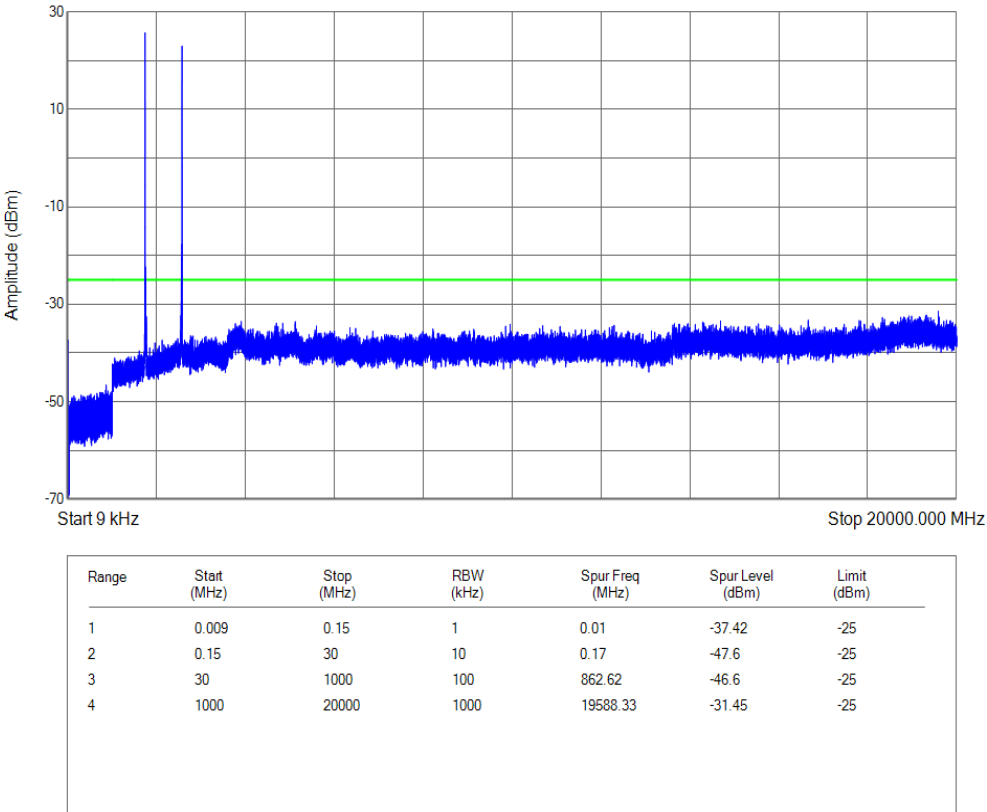
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.52	-25
2	0.15	30	10	0.16	-49.02	-25
3	30	1000	100	909.27	-43.03	-25
4	1000	20000	1000	19399.6	-31.37	-25

4A-7A 16QAM PCC BW=5MHz Ch=2375 RB=1@0,SCC BW=5MHz Ch=3425 RB=1@24

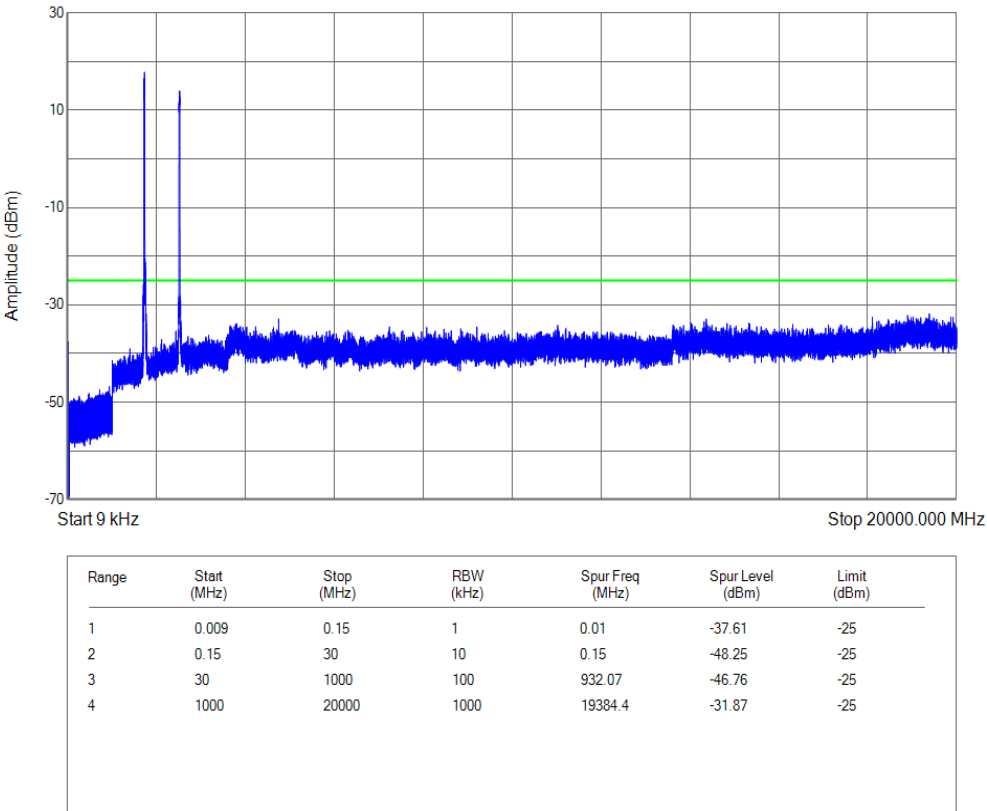


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.06	-25
2	0.15	30	10	0.16	-48.18	-25
3	30	1000	100	864.65	-47.67	-25
4	1000	20000	1000	18859.37	-31.5	-25

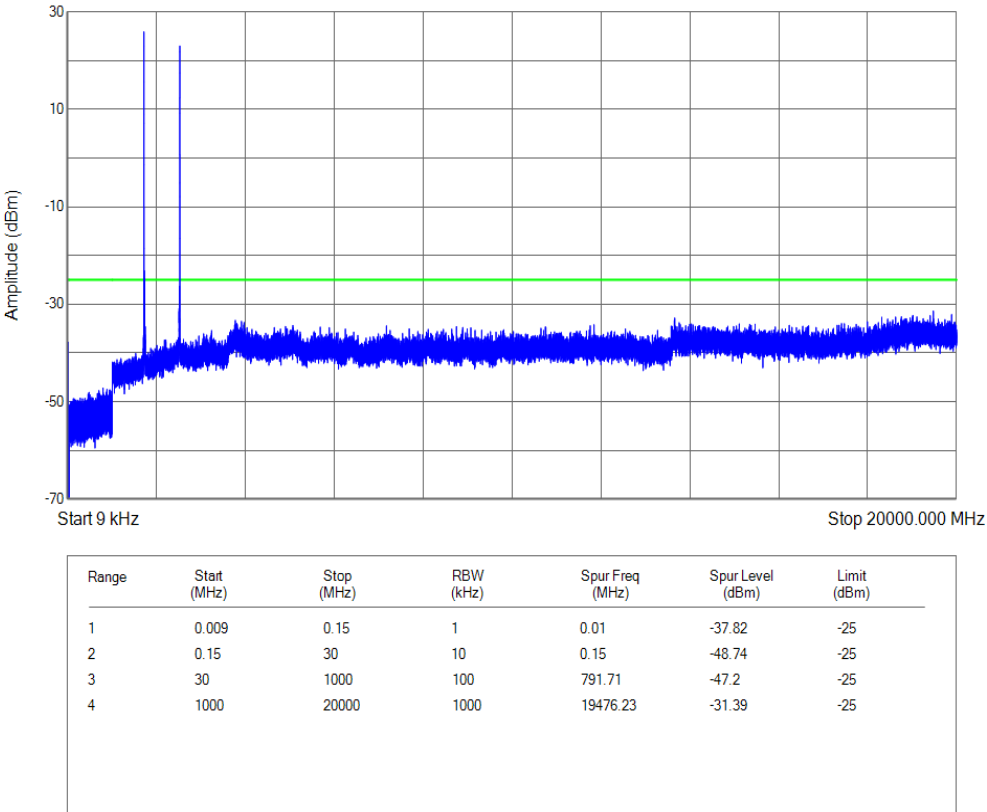
4A-7A 16QAM PCC BW=20MHz Ch=2300 RB=1@0,SCC BW=20MHz Ch=3350 RB=1@99



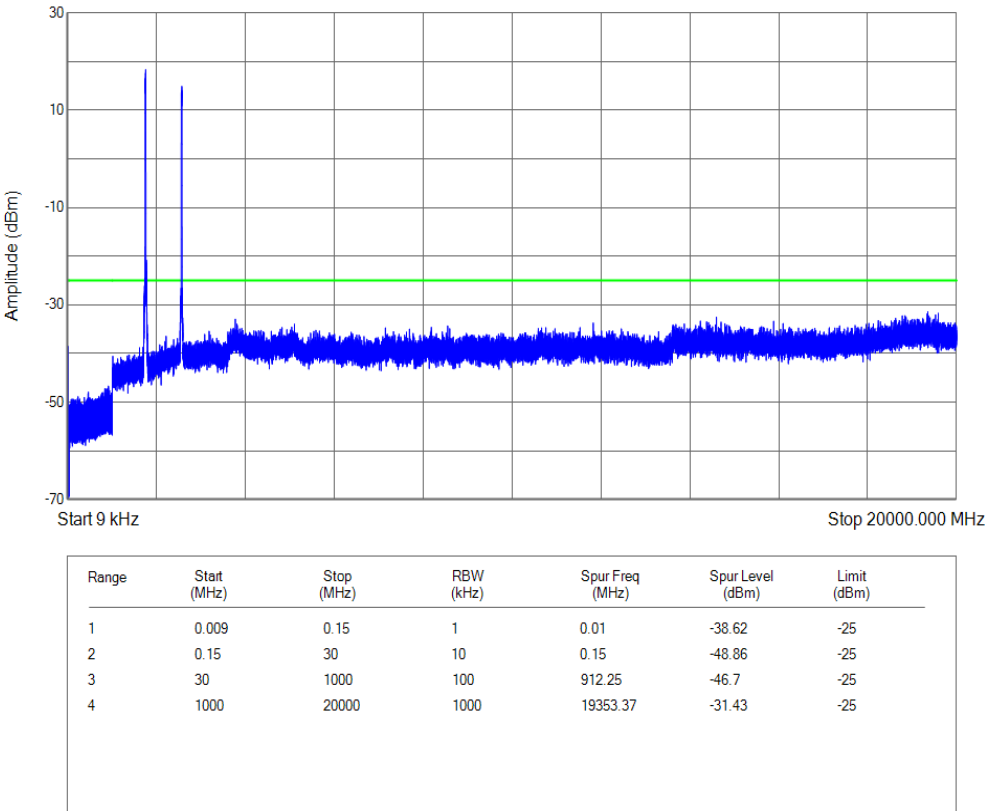
4A-7A 16QAM PCC BW=20MHz Ch=2050 RB=100@0,SCC BW=20MHz Ch=2850 RB=100@0



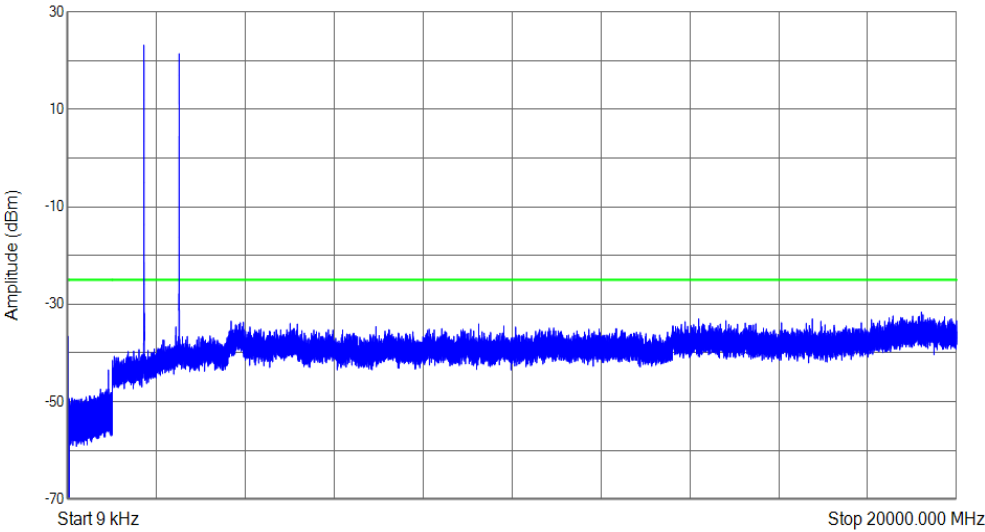
4A-7A 16QAM PCC BW=20MHz Ch=2050 RB=1@0,SCC BW=20MHz Ch=2850 RB=1@99



4A-7A 16QAM PCC BW=20MHz Ch=2300 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0

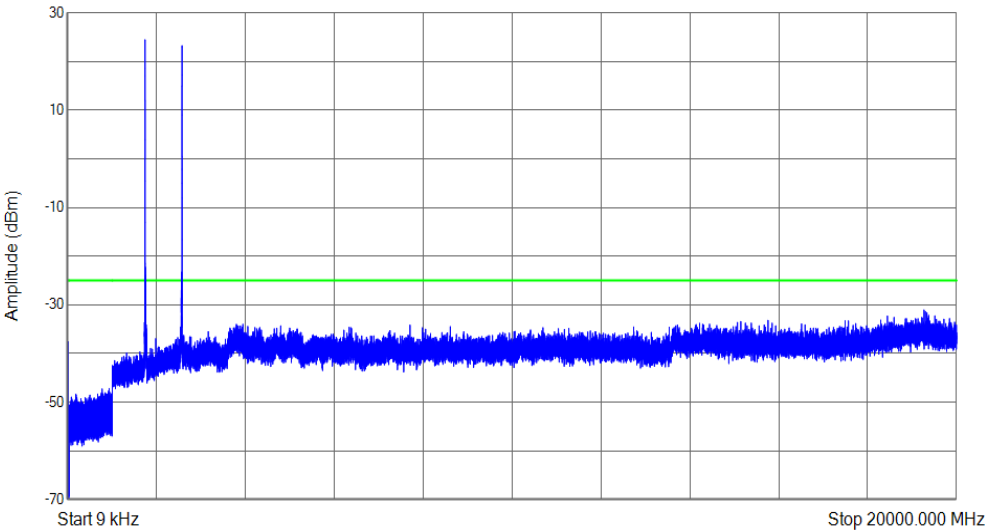


4A-7A QPSK PCC BW=5MHz Ch=1975 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24



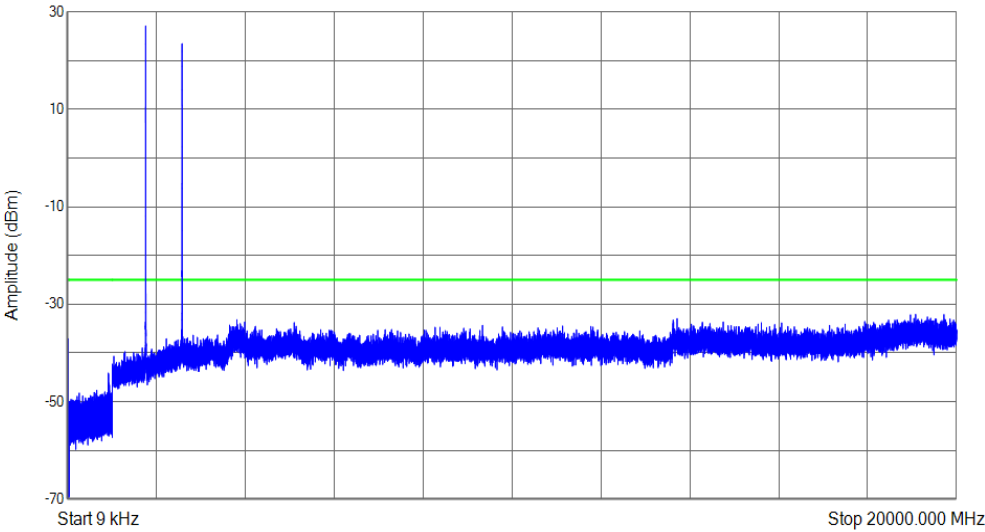
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.62	-25
2	0.15	30	10	0.15	-49.33	-25
3	30	1000	100	910.5	-43.5	-25
4	1000	20000	1000	19207.7	-31.6	-25

4A-7A QPSK PCC BW=20MHz Ch=2300 RB=1@0,SCC BW=20MHz Ch=3350 RB=1@99



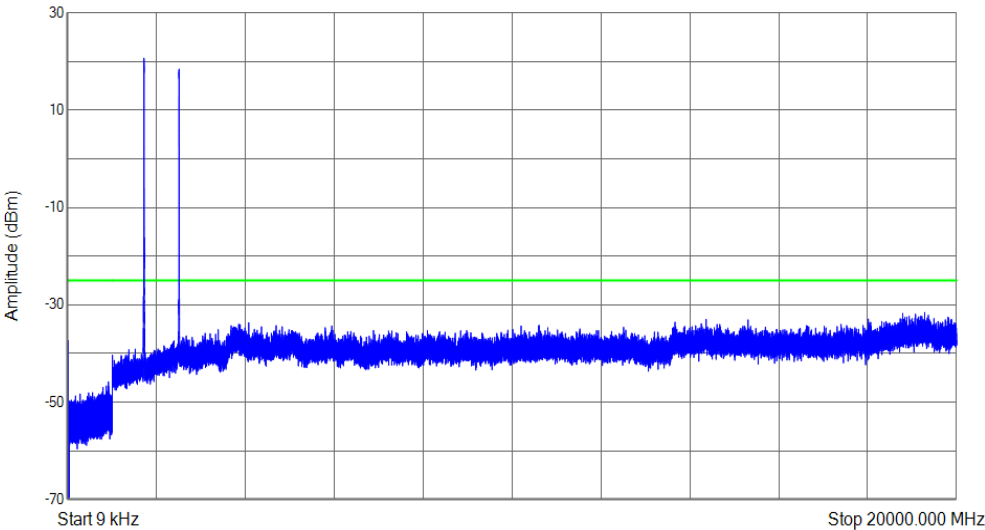
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.65	-25
2	0.15	30	10	0.15	-49.76	-25
3	30	1000	100	929.19	-47.19	-25
4	1000	20000	1000	19267.87	-31.06	-25

4A-7A QPSK PCC BW=5MHz Ch=2375 RB=1@0,SCC BW=5MHz Ch=3425 RB=1@24



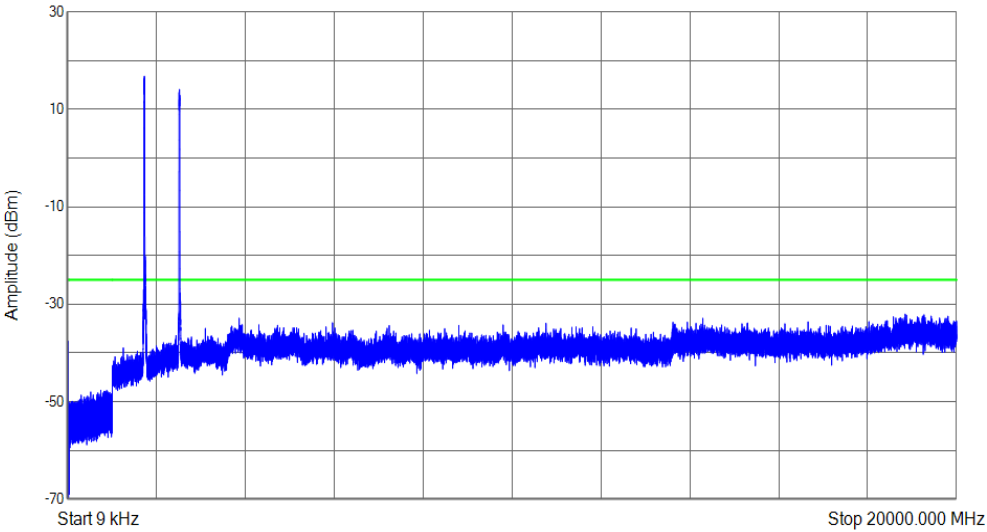
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.1	-25
2	0.15	30	10	0.18	-49.72	-25
3	30	1000	100	911.83	-44.13	-25
4	1000	20000	1000	19079.77	-32.1	-25

4A-7A QPSK PCC BW=5MHz Ch=1975 RB=25@0,SCC BW=5MHz Ch=2775 RB=25@0



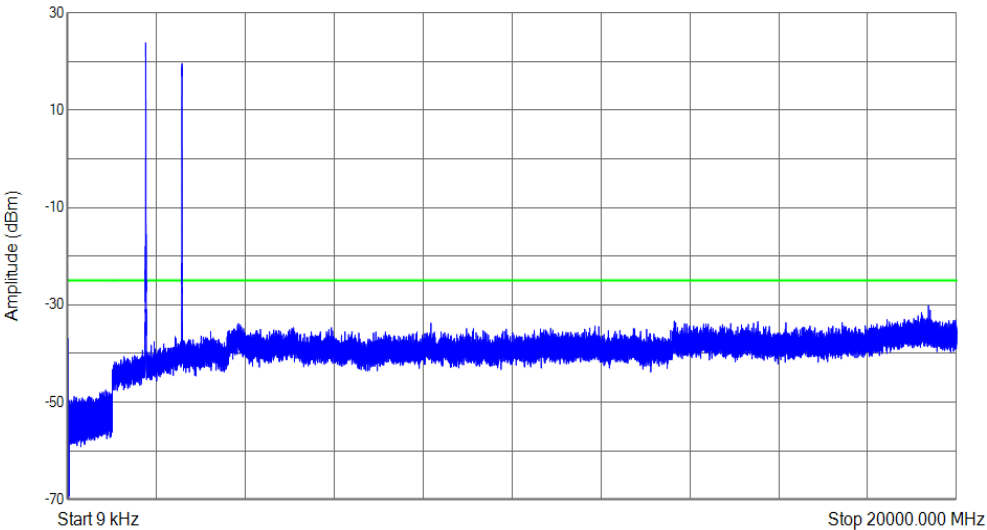
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-37.41	-25
2	0.15	30	10	0.16	-49.08	-25
3	30	1000	100	911.96	-45.82	-25
4	1000	20000	1000	19283.07	-31.57	-25

4A-7A QPSK PCC BW=20MHz Ch=2050 RB=100@0,SCC BW=20MHz Ch=2850 RB=100@0



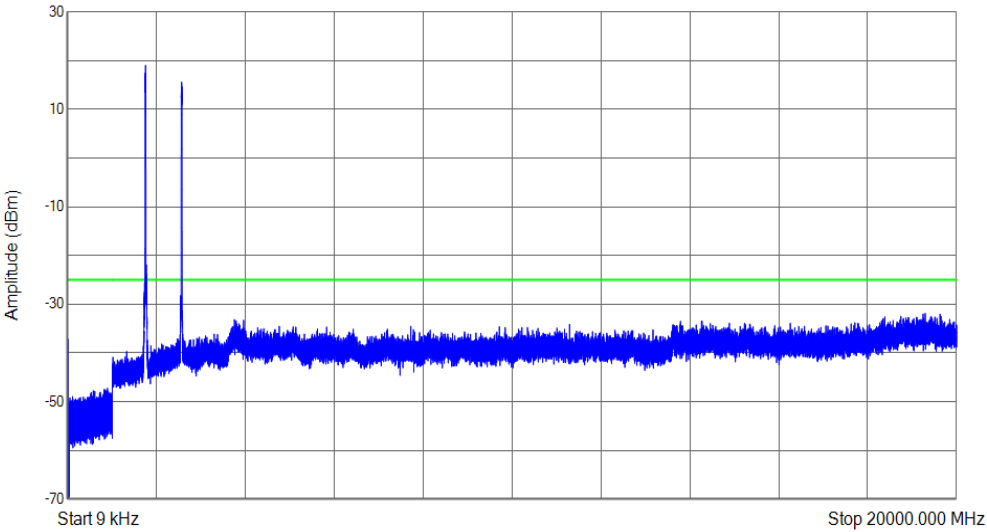
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.68	-25
2	0.15	30	10	0.16	-49.46	-25
3	30	1000	100	740.49	-47.68	-25
4	1000	20000	1000	18844.8	-32.03	-25

4A-7A 16QAM PCC BW=5MHz Ch=2375 RB=25@0,SCC BW=5MHz Ch=3425 RB=25@0



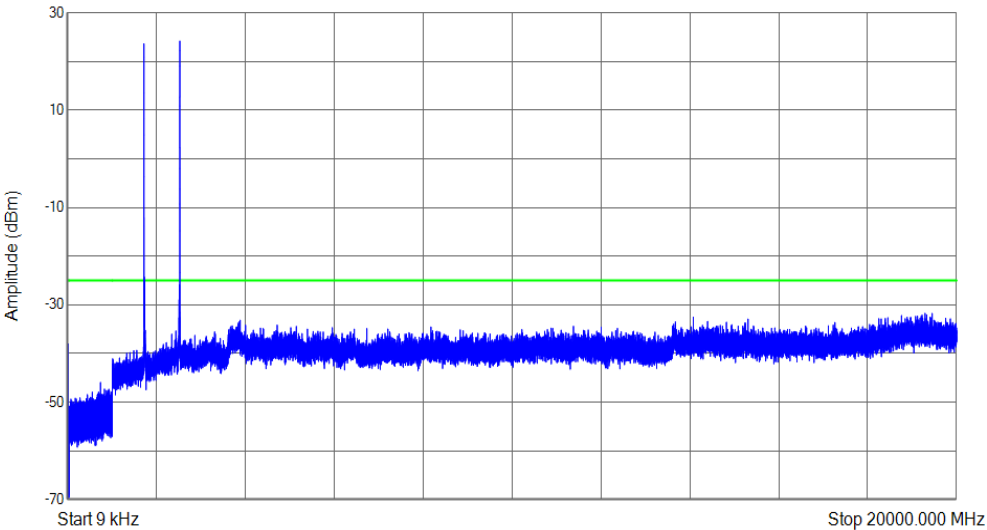
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.02	-25
2	0.15	30	10	0.17	-49.82	-25
3	30	1000	100	850.59	-47.54	-25
4	1000	20000	1000	19366.67	-30.18	-25

4A-7A QPSK PCC BW=20MHz Ch=2300 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



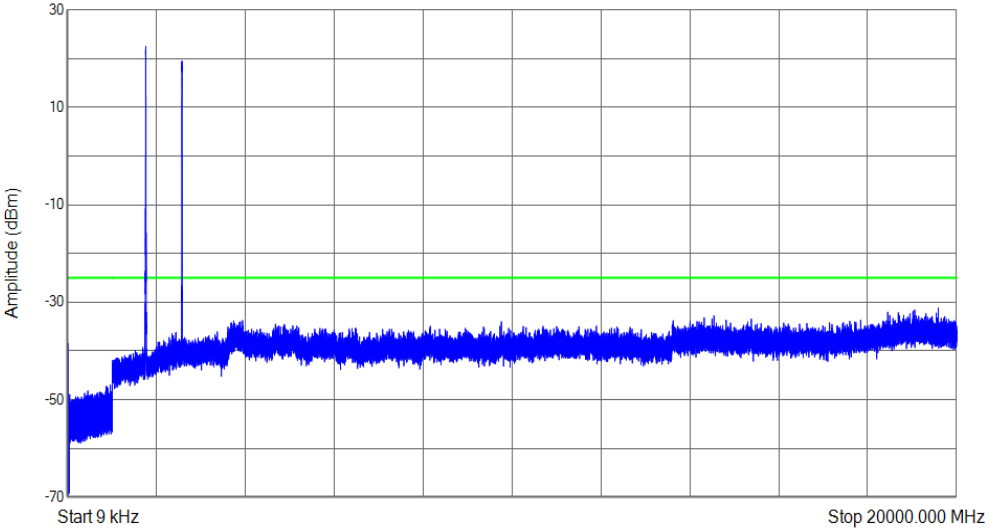
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.26	-25
2	0.15	30	10	0.17	-49.39	-25
3	30	1000	100	890.39	-47.27	-25
4	1000	20000	1000	19293.2	-31.9	-25

4A-7A QPSK PCC BW=20MHz Ch=2050 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	-38.05	-25
2	0.15	30	10	0.16	-49.45	-25
3	30	1000	100	734.38	-45.96	-25
4	1000	20000	1000	19290.03	-31.75	-25

4A-7A QPSK PCC BW=5MHz Ch=2375 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	-38.46	-25
2	0.15	30	10	0.18	-48.81	-25
3	30	1000	100	955.12	-46.98	-25
4	1000	20000	1000	19587.7	-31.19	-25