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01 Conducted output power for inter-band CA

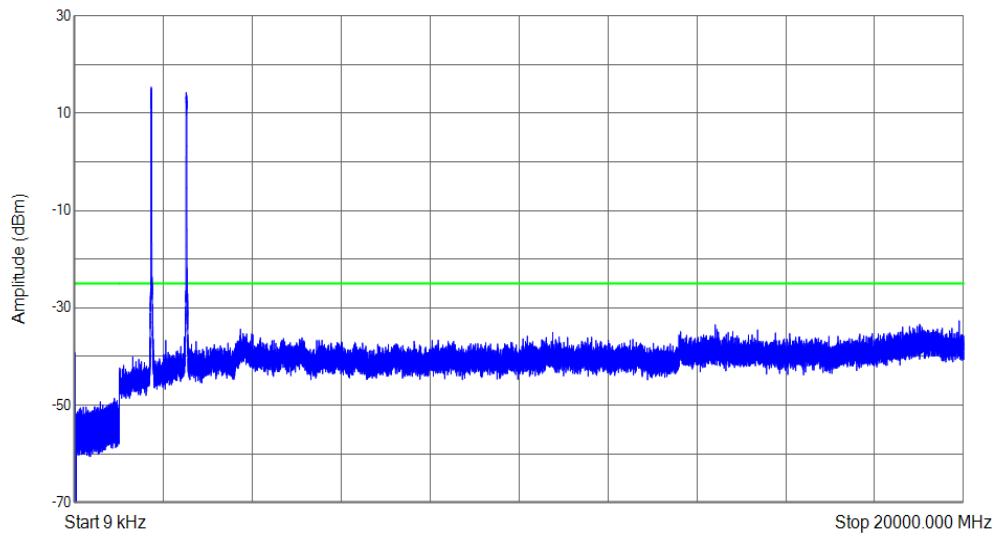
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-7 A	5	197 5	1@0	5	277 5	1@24	QPSK	21.14	0	21.14	130.1 2	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	QPSK	21.12	0	21.12	129.5 3	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	QPSK	21.24	0	21.24	133.1 3	2000	PASS
4A-7 A	5	197 5	1@0	5	277 5	1@24	16QAM	21.56	0	21.56	143.2 3	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	16QAM	21.54	0	21.54	142.5 8	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	16QAM	21.24	0	21.24	133.1 3	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	QPSK	23.82	0	23.82	240.9 0	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	QPSK	23.77	0	23.77	238.3 9	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	QPSK	23.74	0	23.74	236.4 7	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	16QAM	23.72	0	23.72	235.5 0	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	16QAM	23.65	0	23.65	231.4 9	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	16QAM	23.75	0	23.75	237.2 2	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	QPSK	23.97	0	23.97	249.6 7	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	QPSK	23.78	0	23.78	238.5 3	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	QPSK	23.81	0	23.81	240.4 3	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	16QAM	23.78	0	23.78	238.6 1	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	16QAM	23.54	0	23.54	225.7 7	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	16QAM	23.83	0	23.83	241.3 2	2000	PASS
4A-7	20	230	1@0	20	335	1@99	QPSK	23.82	0	23.82	240.8	2000	PASS

A		0			0						5		
4A-7	20	230	1@99	20	335	1@0	QPSK	23.76	0	23.76	237.5	2000	PASS
A		0			0						8		
4A-7	20	230	100@	20	335	100@	QPSK	23.72	0	23.72	235.7	2000	PASS
A		0	0		0	0					2		
4A-7	20	230	1@0	20	335	1@99	16QAM	23.58	0	23.58	227.8	2000	PASS
A		0			0						5		
4A-7	20	230	1@99	20	335	1@0	16QAM	23.50	0	23.50	223.8	2000	PASS
A		0			0						9		
4A-7	20	230	100@	20	335	100@	16QAM	23.79	0	23.79	239.3	2000	PASS
A		0	0		0	0					7		

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

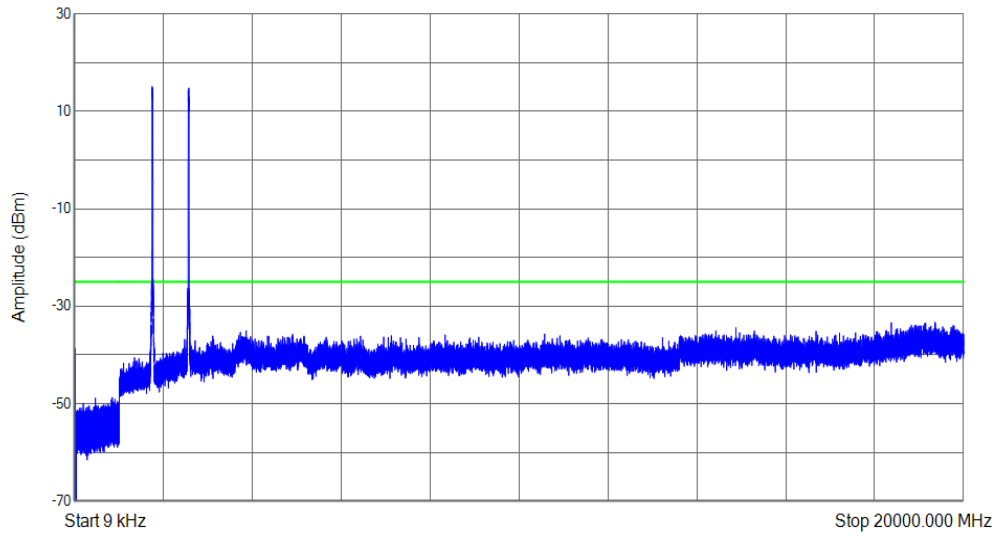
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-7A	5	1975	1@0	5	2775	1@24	QPSK	19285.60	-32.75	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	QPSK	18939.17	-32.90	-25	PASS
4A-7A	5	1975	1@0	5	2775	1@24	16QAM	18766.90	-33.38	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	16QAM	18699.77	-33.06	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	QPSK	18783.37	-32.95	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	QPSK	18791.60	-33.63	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	16QAM	18773.23	-33.50	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	16QAM	19100.03	-32.45	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	QPSK	19158.30	-32.64	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	QPSK	19339.43	-33.38	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	16QAM	18776.40	-33.13	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	16QAM	19899.93	-32.67	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	QPSK	18097.47	-33.30	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	QPSK	18799.83	-32.55	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	16QAM	19298.27	-32.55	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	16QAM	19358.43	-33.31	-25	PASS

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



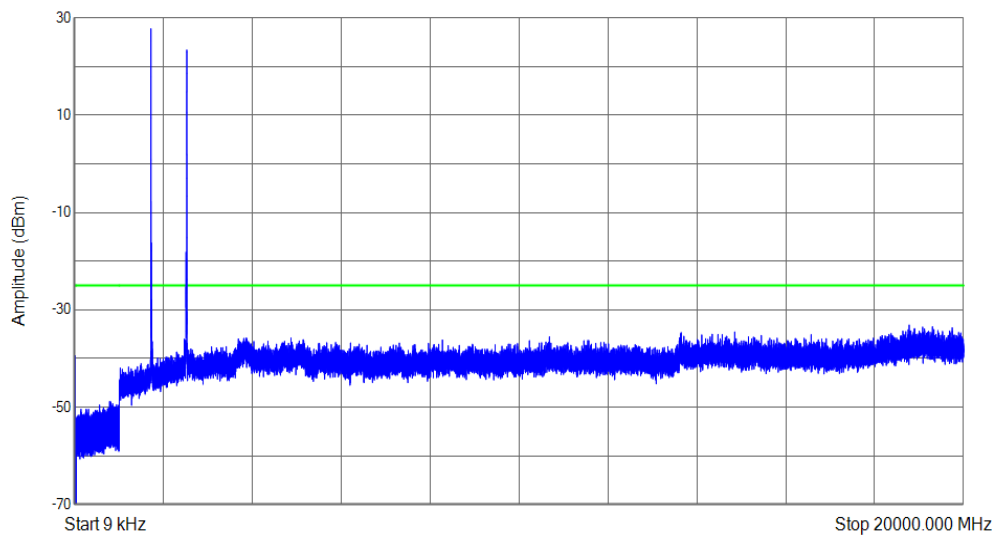
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-39.32	-25
2	0.15	30	10	0.16	-49.88	-25
3	30	1000	100	889	-48.6	-25
4	1000	20000	1000	19899.93	-32.67	-25

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



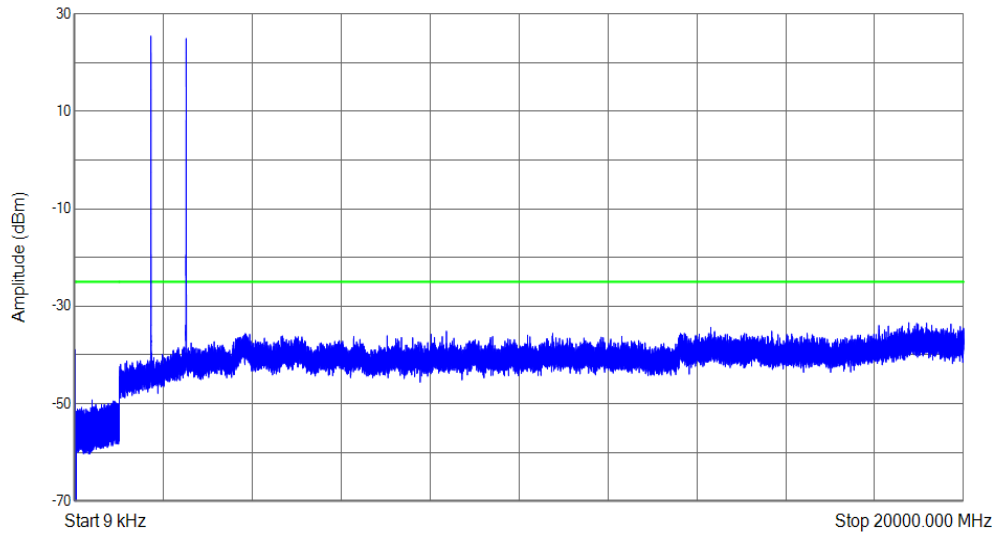
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.76	-25
2	0.15	30	10	0.15	-50.33	-25
3	30	1000	100	841.92	-48.74	-25
4	1000	20000	1000	19358.43	-33.31	-25

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



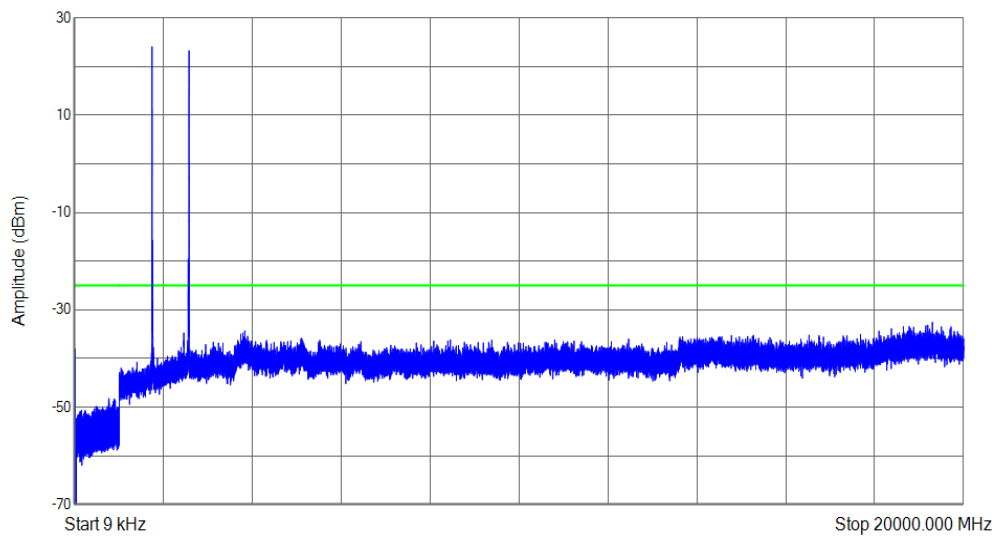
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.52	-25
2	0.15	30	10	0.16	-51.25	-25
3	30	1000	100	783.75	-48.84	-25
4	1000	20000	1000	18776.4	-33.13	-25

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



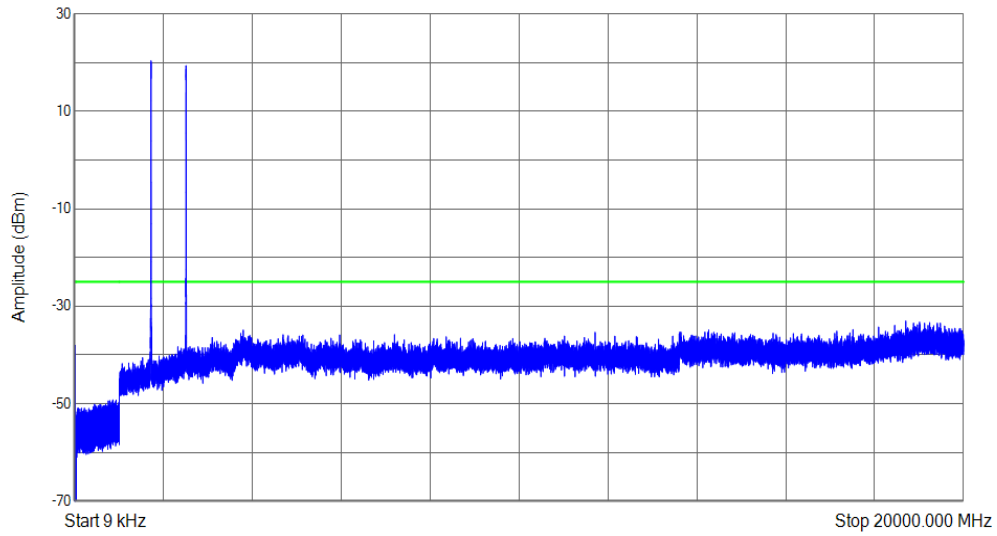
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.92	-25
2	0.15	30	10	0.15	-50.73	-25
3	30	1000	100	386.41	-49.24	-25
4	1000	20000	1000	18766.9	-33.38	-25

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



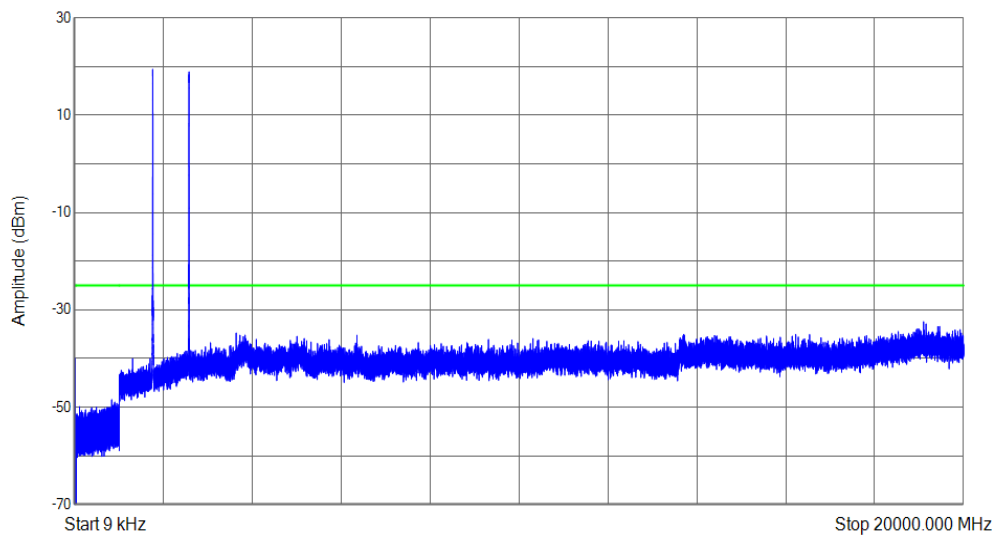
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.12	-25
2	0.15	30	10	0.16	-51.58	-25
3	30	1000	100	767.3	-48.25	-25
4	1000	20000	1000	19298.27	-32.55	-25

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



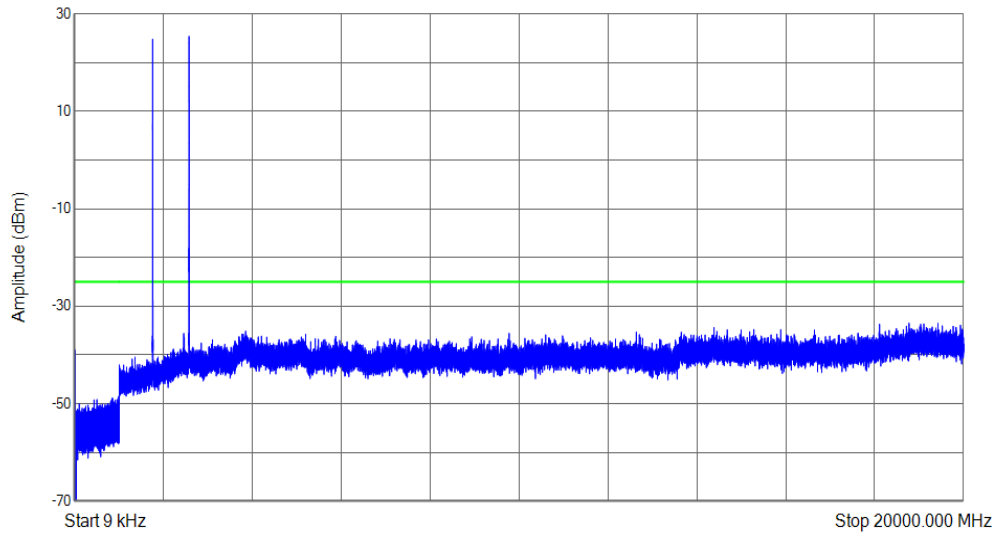
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.03	-25
2	0.15	30	10	0.15	-48.24	-25
3	30	1000	100	855.57	-49.24	-25
4	1000	20000	1000	18699.77	-33.06	-25

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



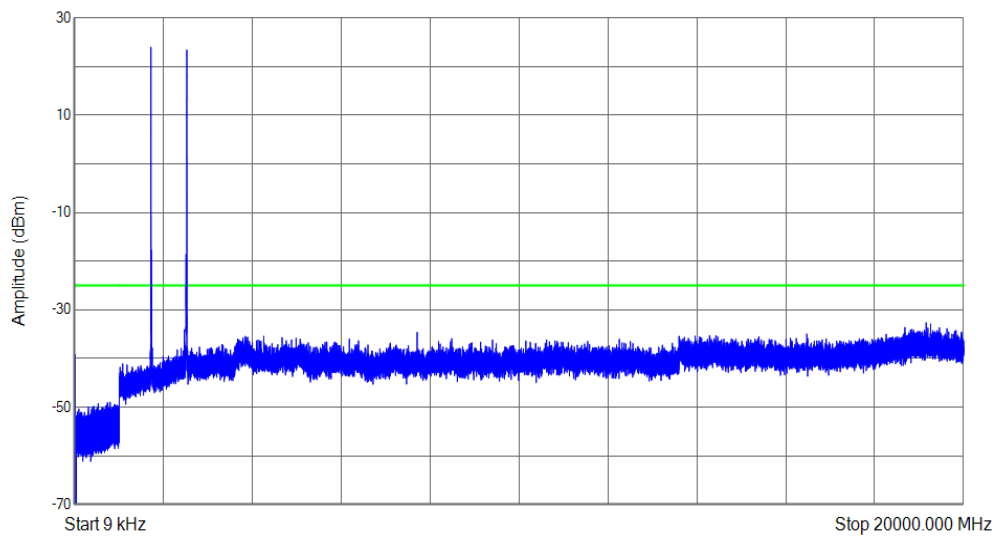
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-40.02	-25
2	0.15	30	10	0.18	-51.18	-25
3	30	1000	100	830.57	-48.48	-25
4	1000	20000	1000	19100.03	-32.45	-25

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



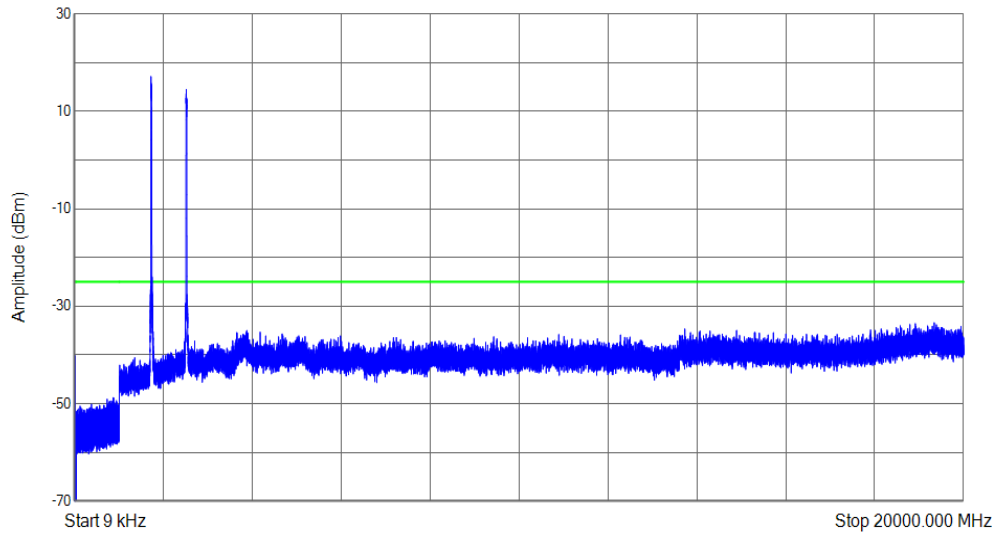
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-39.08	-25
2	0.15	30	10	0.16	-48.89	-25
3	30	1000	100	984.38	-48.52	-25
4	1000	20000	1000	18773.23	-33.5	-25

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



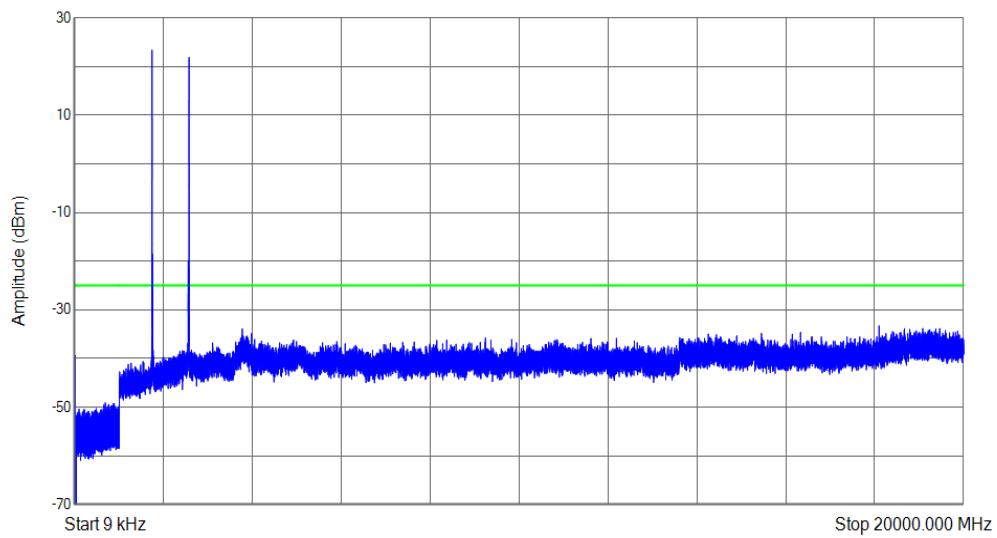
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.25	-25
2	0.15	30	10	0.18	-50.04	-25
3	30	1000	100	999.09	-48.81	-25
4	1000	20000	1000	19158.3	-32.64	-25

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



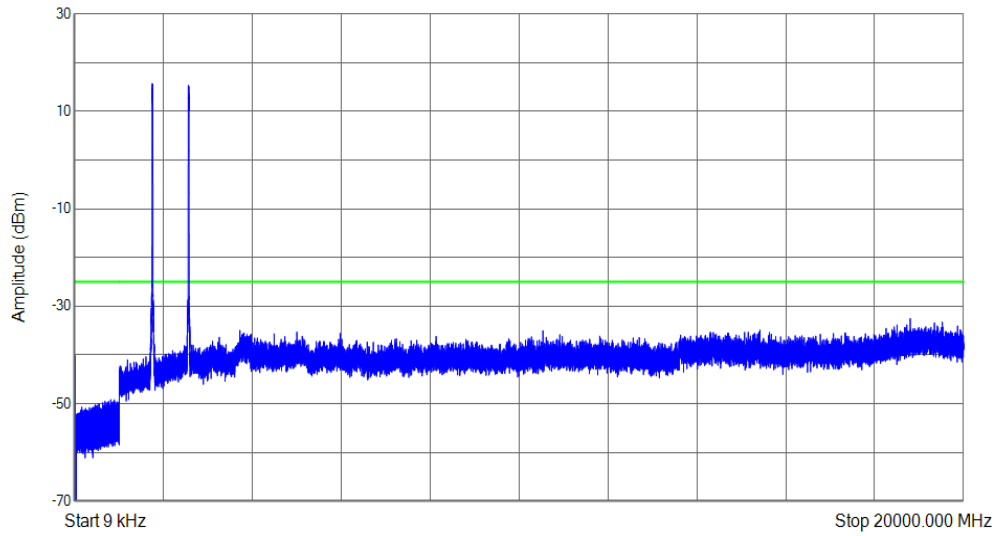
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-40.23	-25
2	0.15	30	10	0.15	-48.8	-25
3	30	1000	100	860.03	-48.78	-25
4	1000	20000	1000	19339.43	-33.38	-25

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



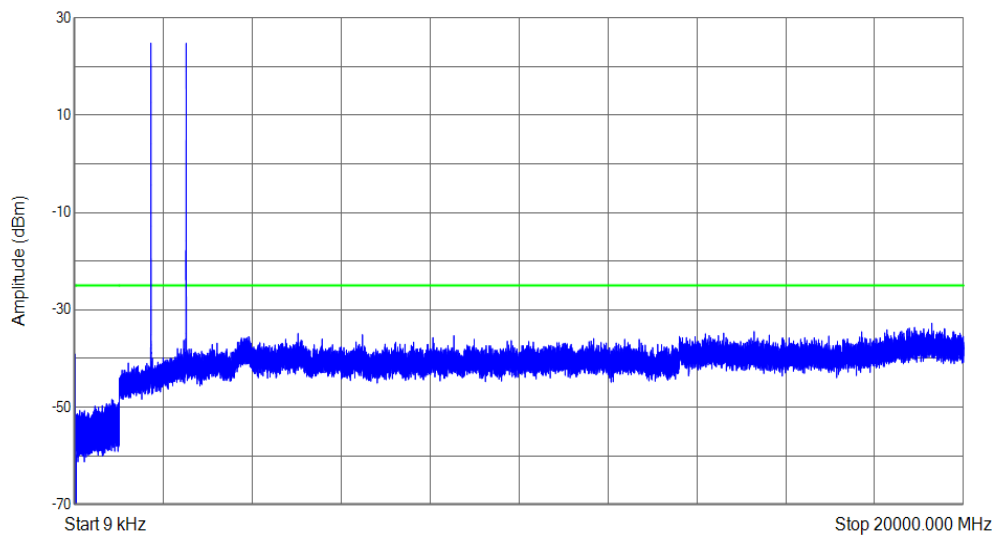
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-39.48	-25
2	0.15	30	10	0.15	-50.51	-25
3	30	1000	100	684.62	-49.1	-25
4	1000	20000	1000	18097.47	-33.3	-25

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



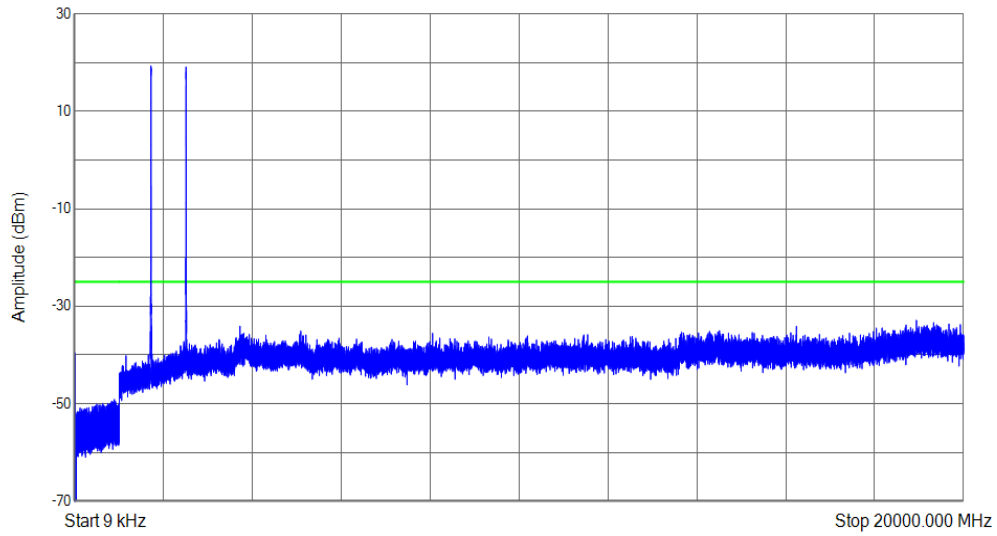
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-40.23	-25
2	0.15	30	10	0.17	-50.5	-25
3	30	1000	100	807.91	-49.19	-25
4	1000	20000	1000	18799.83	-32.55	-25

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



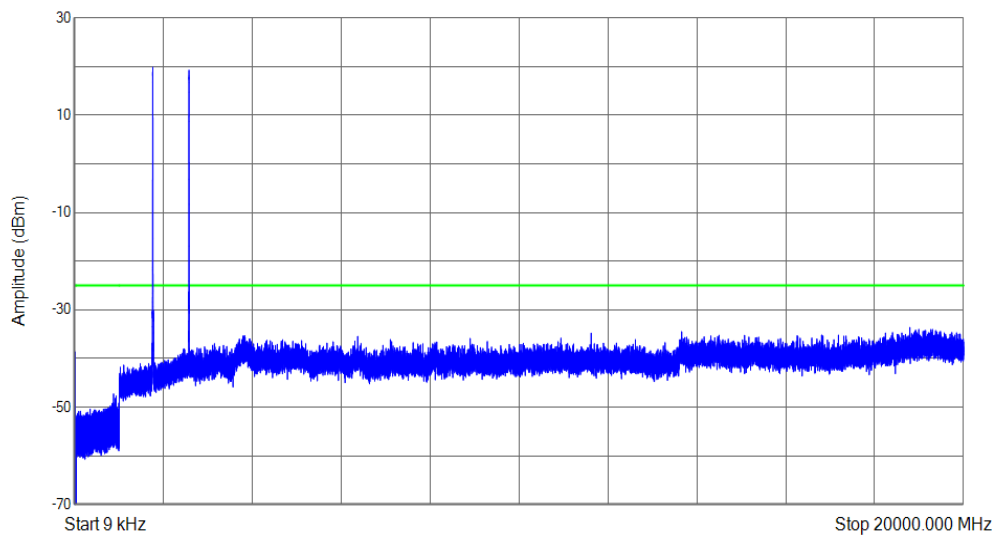
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.13	-25
2	0.15	30	10	0.16	-49.5	-25
3	30	1000	100	831.38	-48.43	-25
4	1000	20000	1000	19285.6	-32.75	-25

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



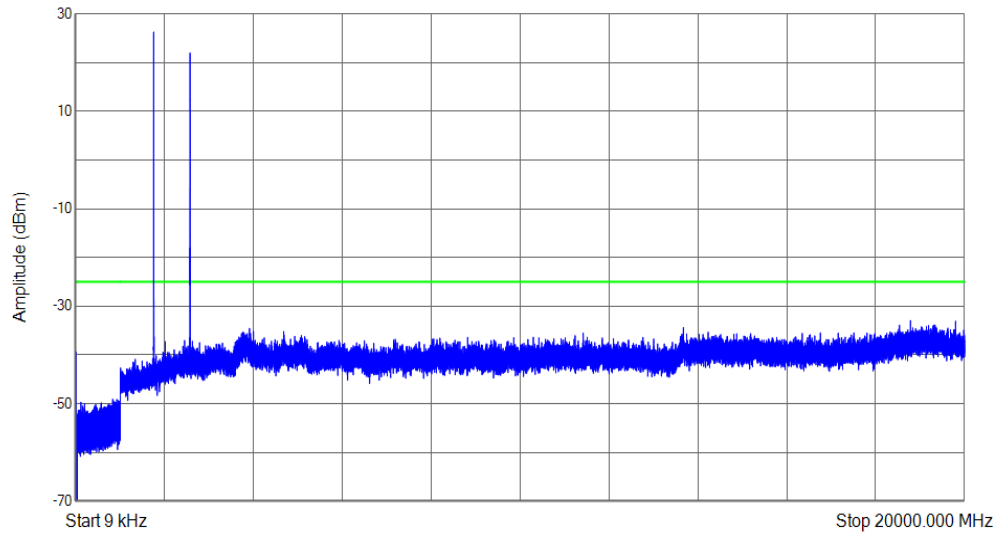
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.55	-25
2	0.15	30	10	0.16	-50.24	-25
3	30	1000	100	887.74	-49.15	-25
4	1000	20000	1000	18939.17	-32.9	-25

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	-38.67	-25
2	0.15	30	10	0.16	-51.14	-25
3	30	1000	100	869.37	-47.29	-25
4	1000	20000	1000	18791.6	-33.63	-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	-39.39	-25
2	0.15	30	10	0.15	-49.07	-25
3	30	1000	100	830.8	-49.1	-25
4	1000	20000	1000	18783.37	-32.95	-25