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01 Conducted output power for inter-band CA

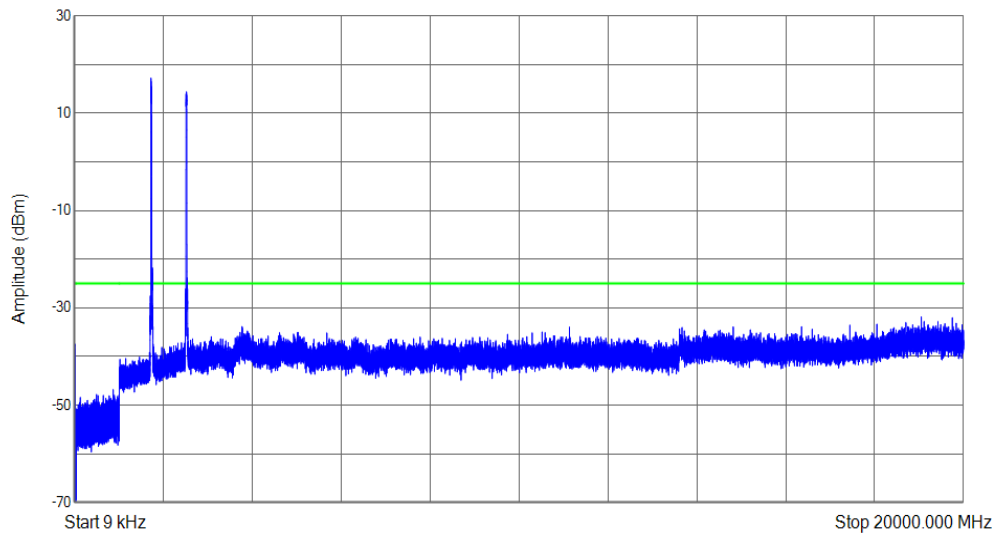
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-7 A	5	197 5	1@0	5	277 5	1@24	QPSK	22.95	0	22.95	197.2 2	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	QPSK	23.13	0	23.13	205.6 3	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	QPSK	23.11	0	23.11	204.5 0	2000	PASS
4A-7 A	5	197 5	1@0	5	277 5	1@24	16QAM	23.11	0	23.11	204.7 5	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	16QAM	23.33	0	23.33	215.4 9	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	16QAM	23.08	0	23.08	203.4 3	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	QPSK	23.90	0	23.90	245.4 2	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	QPSK	23.54	0	23.54	226.1 8	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	QPSK	23.73	0	23.73	236.1 8	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	16QAM	23.79	0	23.79	239.3 4	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	16QAM	23.41	0	23.41	219.1 5	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	16QAM	23.73	0	23.73	236.2 0	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	QPSK	23.30	0	23.30	214.0 4	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	QPSK	21.80	0	21.80	151.3 3	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	QPSK	22.92	0	22.92	195.7 4	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	16QAM	23.11	0	23.11	204.6 7	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	16QAM	21.66	0	21.66	146.4 0	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	16QAM	22.96	0	22.96	197.4 7	2000	PASS
4A-7	20	230	1@0	20	335	1@99	QPSK	22.67	0	22.67	184.9	2000	PASS

A		0			0						5		
4A-7	20	230	1@99	20	335	1@0	QPSK	23.54	0	23.54	225.9	2000	PASS
A		0			0						4		
4A-7	20	230	100@	20	335	100@	QPSK	23.50	0	23.50	223.9	2000	PASS
A		0	0		0	0					3		
4A-7	20	230	1@0	20	335	1@99	16QAM	22.49	0	22.49	177.2	2000	PASS
A		0			0						9		
4A-7	20	230	1@99	20	335	1@0	16QAM	23.31	0	23.31	214.4	2000	PASS
A		0			0						2		
4A-7	20	230	100@	20	335	100@	16QAM	23.52	0	23.52	224.8	2000	PASS
A		0	0		0	0					7		

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

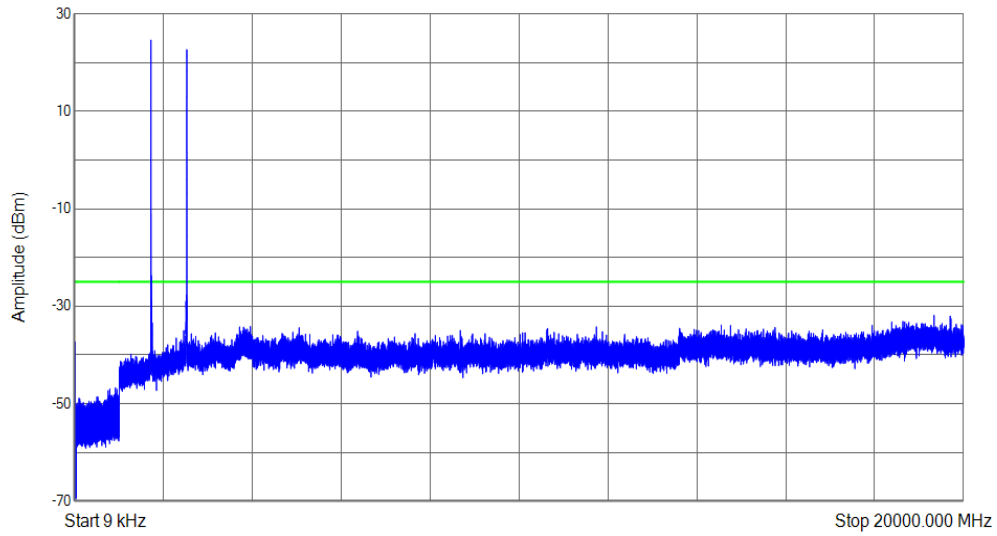
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-7A	5	1975	1@0	5	2775	1@24	QPSK	18868.23	-31.47	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	QPSK	19048.73	-32.24	-25	PASS
4A-7A	5	1975	1@0	5	2775	1@24	16QAM	19621.90	-32.78	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	16QAM	19237.47	-31.29	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	QPSK	19181.10	-32.57	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	QPSK	18892.30	-32.25	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	16QAM	19117.13	-32.85	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	16QAM	19595.30	-32.57	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	QPSK	19276.73	-32.68	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	QPSK	19317.27	-31.86	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	16QAM	19335.00	-31.90	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	16QAM	19048.10	-31.88	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	QPSK	19229.87	-32.10	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	QPSK	19203.27	-32.49	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	16QAM	19279.27	-32.18	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	16QAM	19080.40	-30.99	-25	PASS

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



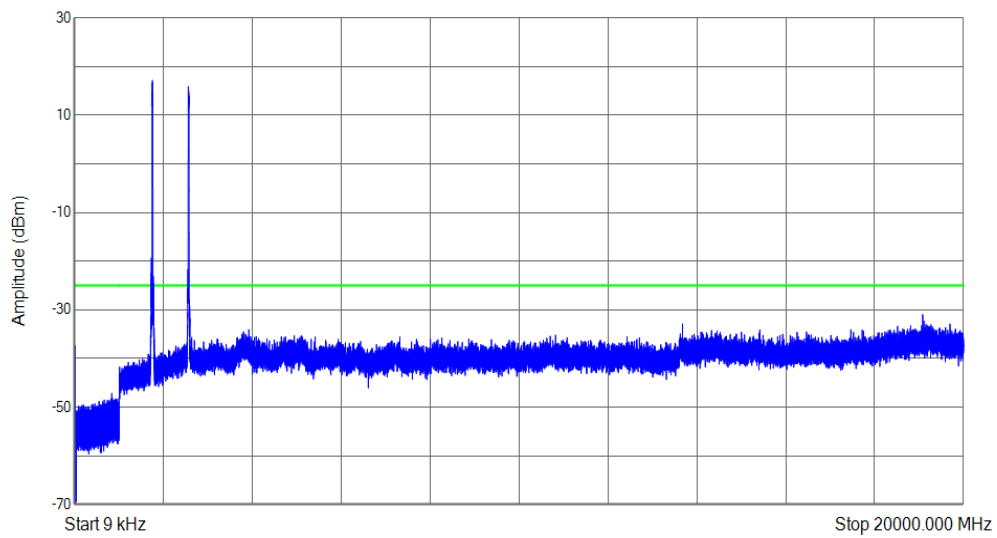
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.51	-25
2	0.15	30	10	0.16	-50.89	-25
3	30	1000	100	861.48	-46.83	-25
4	1000	20000	1000	19048.1	-31.88	-25

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



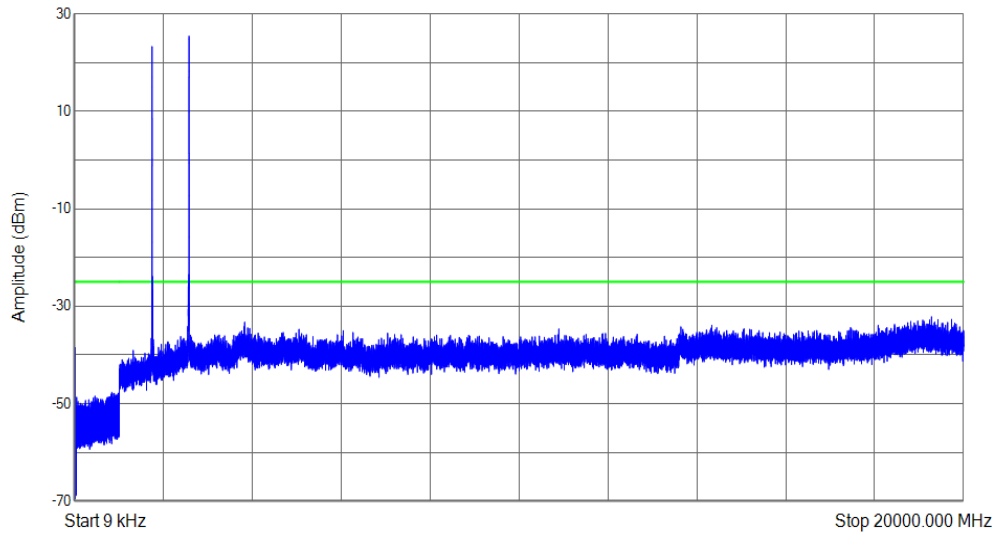
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.37	-25
2	0.15	30	10	0.15	-50.15	-25
3	30	1000	100	912.96	-46.74	-25
4	1000	20000	1000	19335	-31.9	-25

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



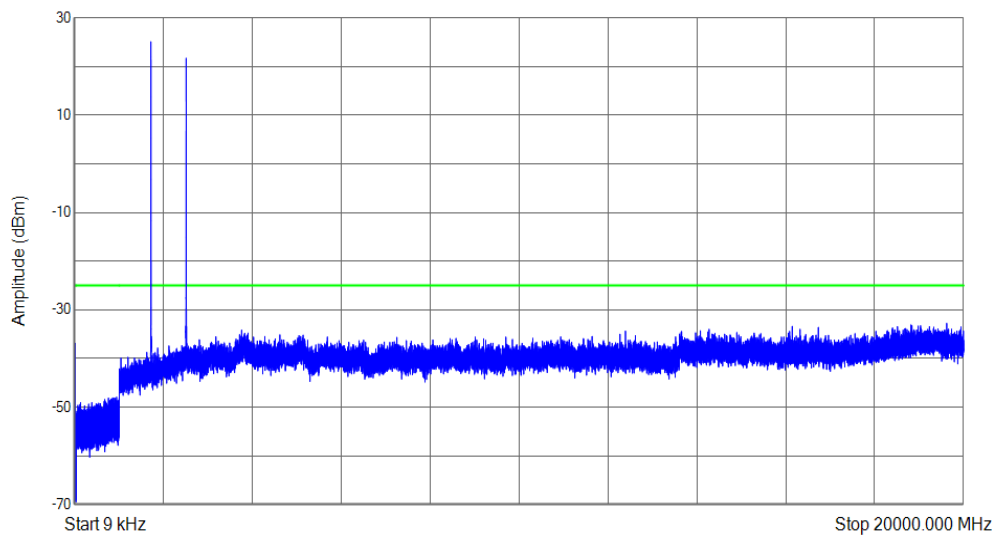
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.48	-25
2	0.15	30	10	0.17	-50.1	-25
3	30	1000	100	833.39	-47.15	-25
4	1000	20000	1000	19080.4	-30.99	-25

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



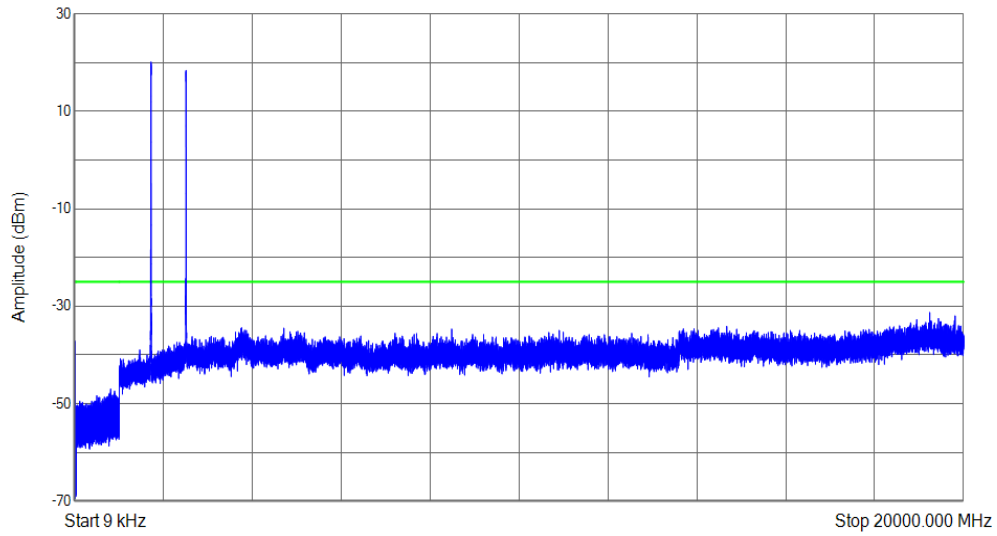
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.51	-25
2	0.15	30	10	0.17	-47.72	-25
3	30	1000	100	831.58	-47.71	-25
4	1000	20000	1000	19279.27	-32.18	-25

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



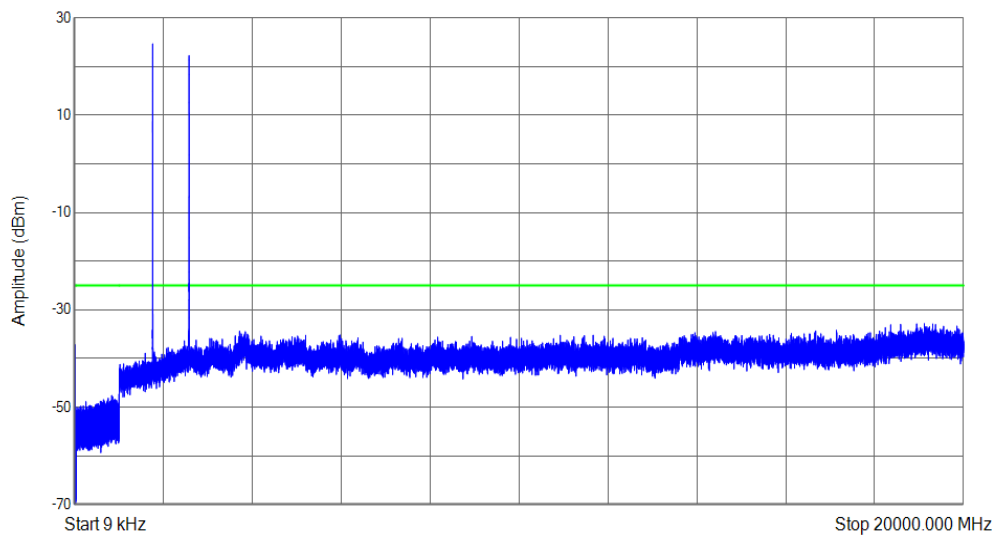
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.92	-25
2	0.15	30	10	0.15	-48.93	-25
3	30	1000	100	939.7	-47.96	-25
4	1000	20000	1000	19621.9	-32.78	-25

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



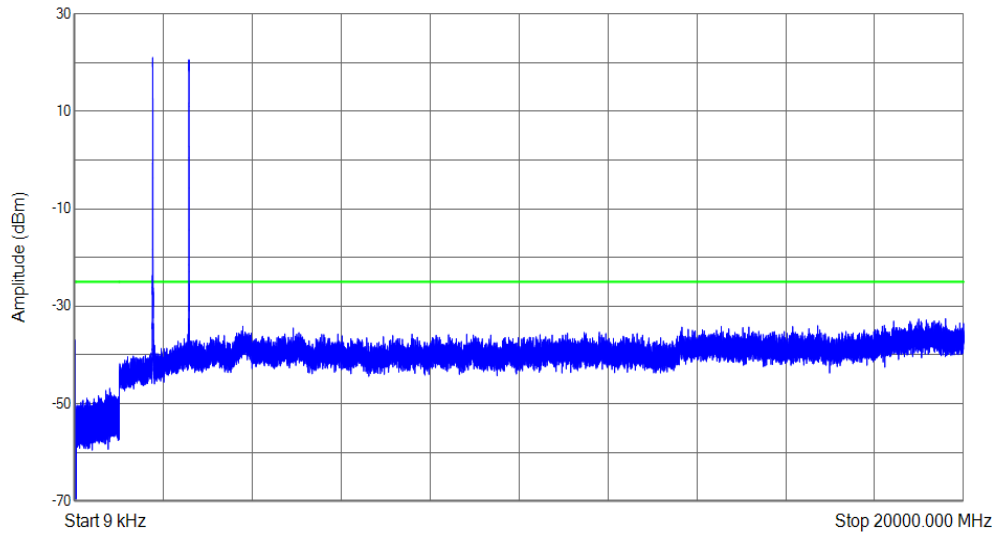
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.25	-25
2	0.15	30	10	0.16	-48.49	-25
3	30	1000	100	806.42	-47	-25
4	1000	20000	1000	19237.47	-31.29	-25

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



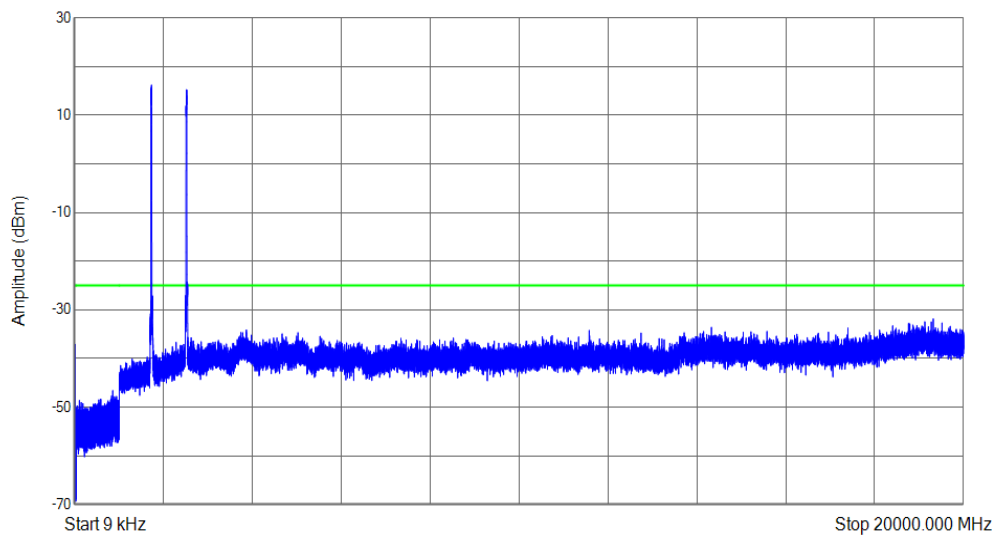
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.25	-25
2	0.15	30	10	0.16	-48.89	-25
3	30	1000	100	993.53	-47.33	-25
4	1000	20000	1000	19117.13	-32.85	-25

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



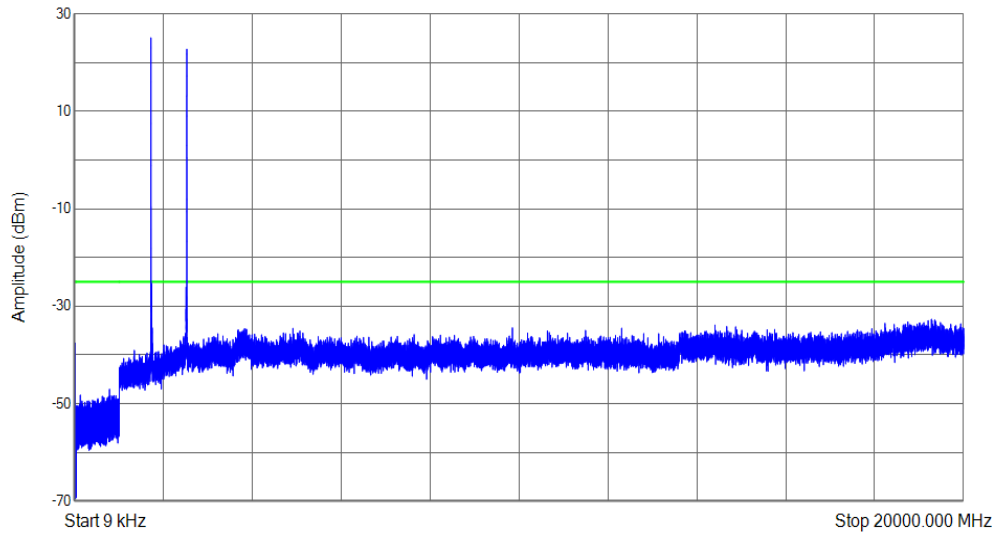
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.02	-25
2	0.15	30	10	0.16	-49.16	-25
3	30	1000	100	785.21	-46.87	-25
4	1000	20000	1000	19595.3	-32.57	-25

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



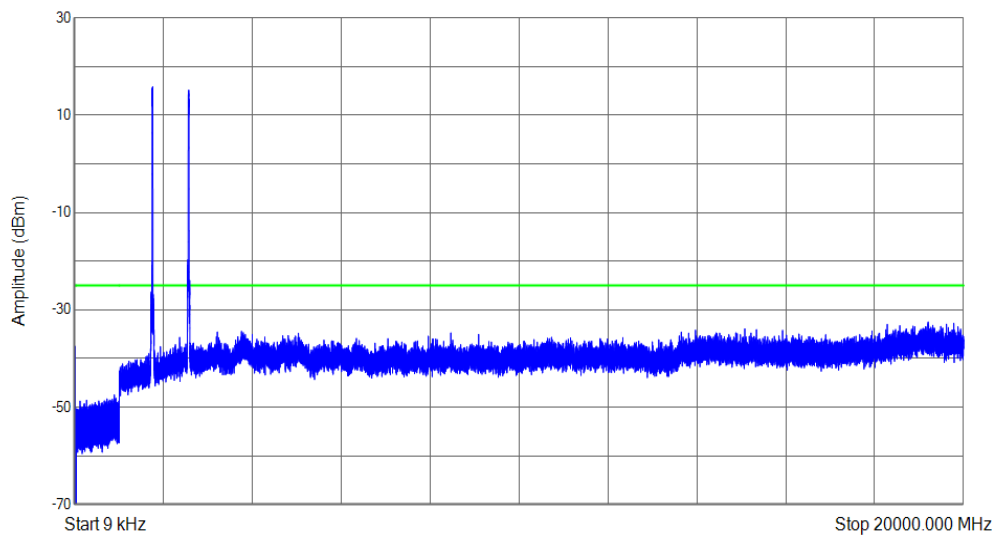
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.1	-25
2	0.15	30	10	0.15	-49.08	-25
3	30	1000	100	854.37	-46.6	-25
4	1000	20000	1000	19317.27	-31.86	-25

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



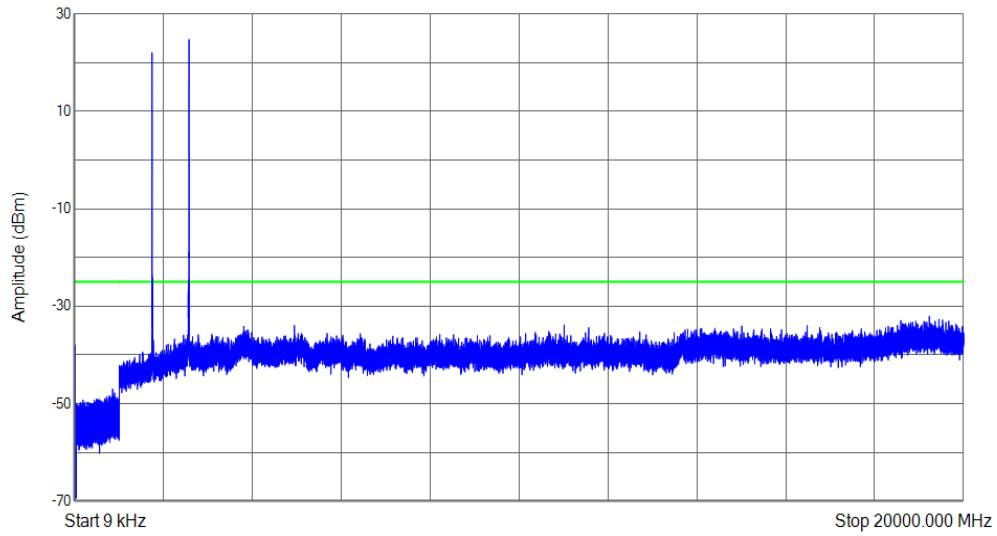
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-37.57	-25
2	0.15	30	10	0.17	-47.96	-25
3	30	1000	100	779	-47.06	-25
4	1000	20000	1000	19276.73	-32.68	-25

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



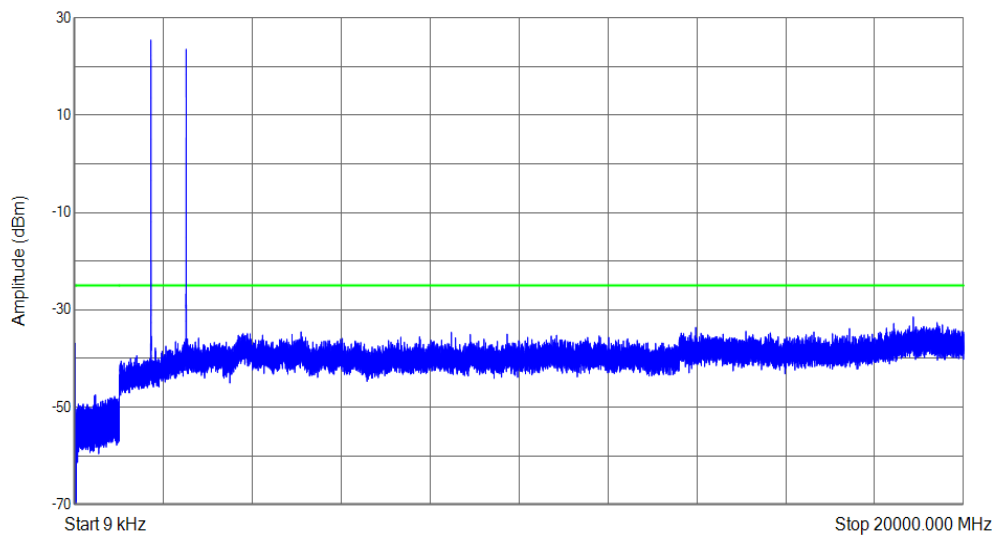
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.53	-25
2	0.15	30	10	0.15	-48.31	-25
3	30	1000	100	887.84	-47.49	-25
4	1000	20000	1000	19203.27	-32.49	-25

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



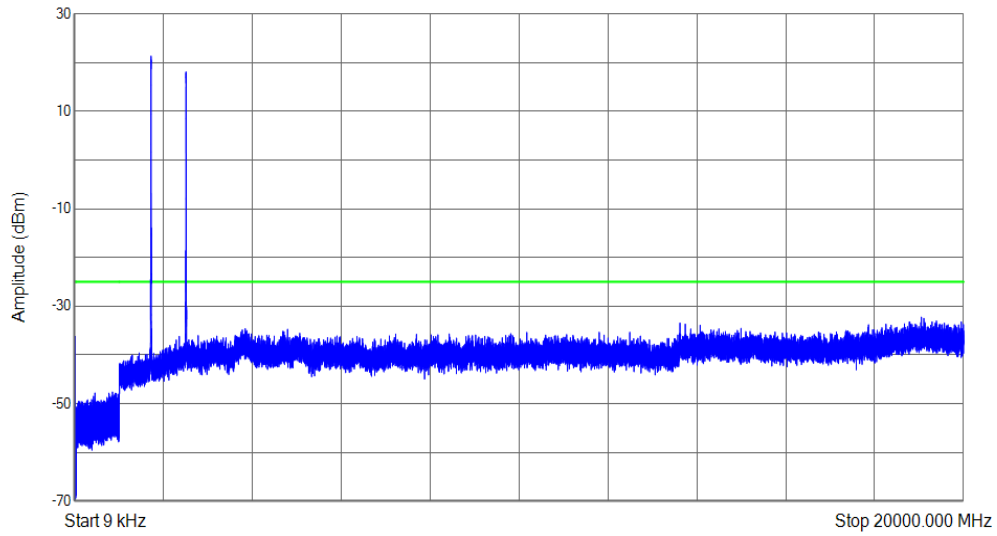
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.99	-25
2	0.15	30	10	0.15	-48.81	-25
3	30	1000	100	848.81	-47.03	-25
4	1000	20000	1000	19229.87	-32.1	-25

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



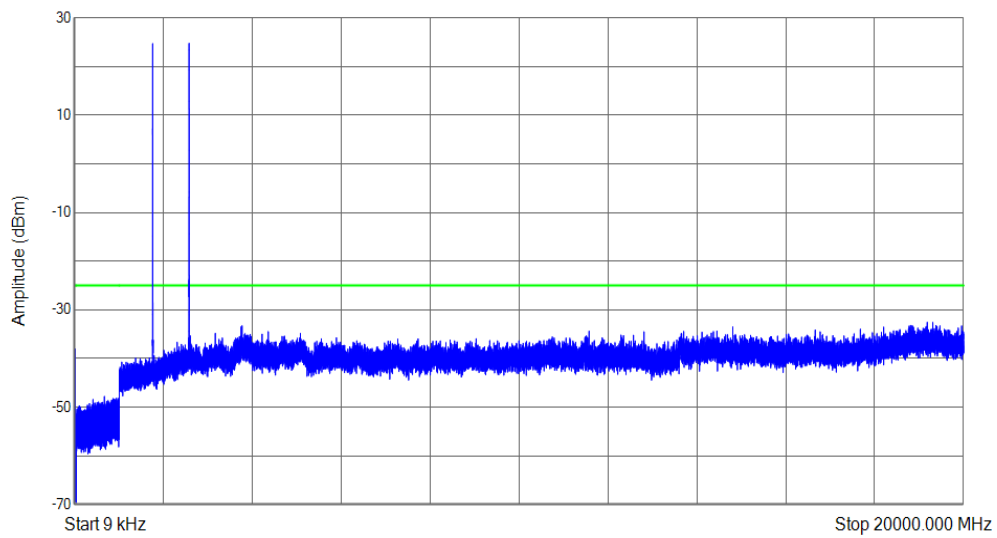
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.92	-25
2	0.15	30	10	0.15	-47.52	-25
3	30	1000	100	464.01	-47.47	-25
4	1000	20000	1000	18868.23	-31.47	-25

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



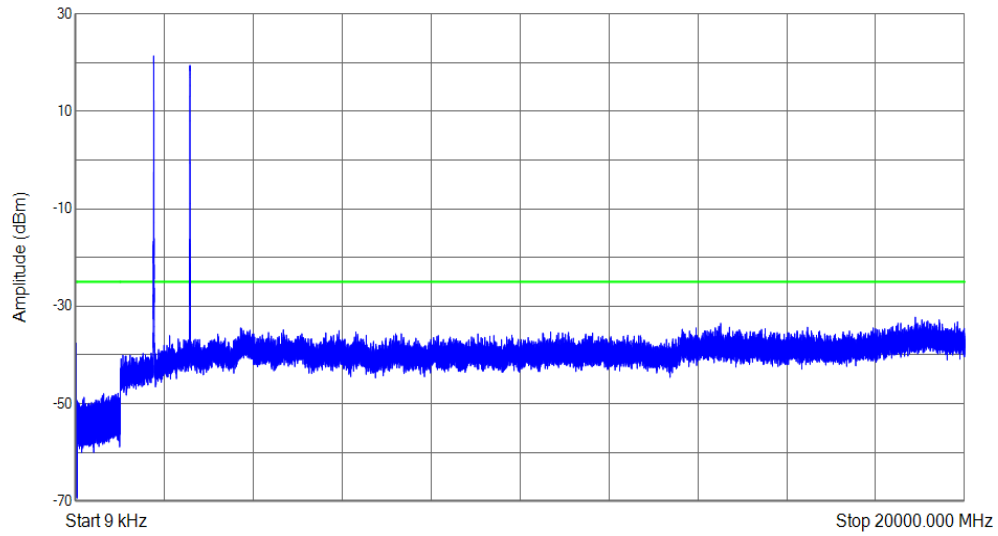
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.23	-25
2	0.15	30	10	0.15	-48.24	-25
3	30	1000	100	845.64	-47.62	-25
4	1000	20000	1000	19048.73	-32.24	-25

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	-38.13	-25
2	0.15	30	10	0.17	-47.99	-25
3	30	1000	100	663.51	-47.8	-25
4	1000	20000	1000	19181.1	-32.57	-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	-37.65	-25
2	0.15	30	10	0.15	-50.04	-25
3	30	1000	100	948.4	-47.87	-25
4	1000	20000	1000	18892.3	-32.25	-25