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01 Conducted output power for inter-band CA

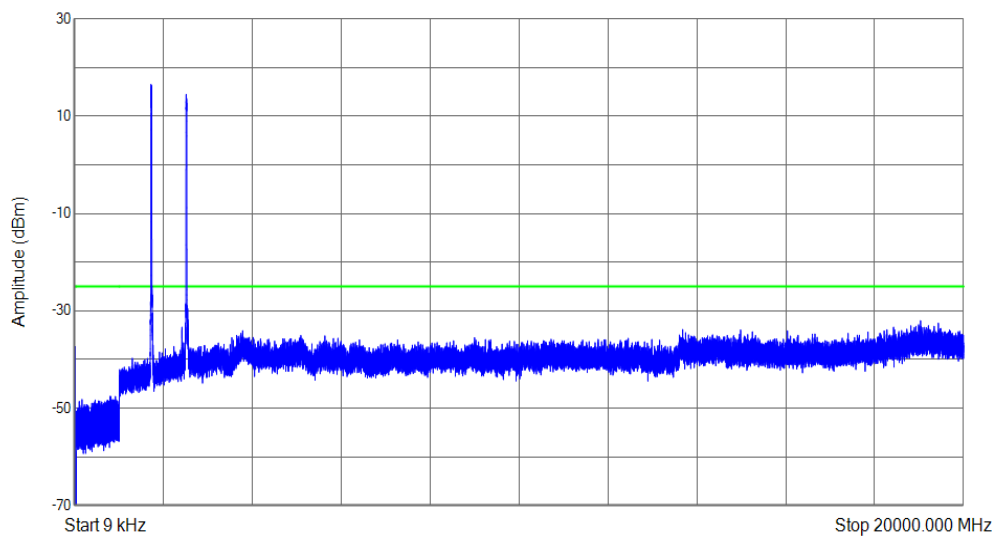
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-7 A	5	197 5	1@0	5	277 5	1@24	QPSK	23.64	0	23.64	231.4 0	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	QPSK	23.66	0	23.66	232.4 9	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	QPSK	23.73	0	23.73	236.1 7	2000	PASS
4A-7 A	5	197 5	1@0	5	277 5	1@24	16QAM	23.73	0	23.73	235.8 8	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	16QAM	23.76	0	23.76	237.4 1	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	16QAM	23.71	0	23.71	234.9 6	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	QPSK	22.47	0	22.47	176.5 3	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	QPSK	22.35	0	22.35	171.8 8	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	QPSK	22.46	0	22.46	176.2 2	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	16QAM	22.62	0	22.62	182.7 0	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	16QAM	22.27	0	22.27	168.7 1	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	16QAM	22.44	0	22.44	175.5 7	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	QPSK	23.53	0	23.53	225.2 2	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	QPSK	23.64	0	23.64	231.3 8	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	QPSK	23.61	0	23.61	229.8 7	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	16QAM	23.32	0	23.32	214.7 6	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	16QAM	23.40	0	23.40	218.8 7	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	16QAM	23.61	0	23.61	229.4 5	2000	PASS
4A-7	20	230	1@0	20	335	1@99	QPSK	22.68	0	22.68	185.2	2000	PASS

A		0			0						6		
4A-7	20	230	1@99	20	335	1@0	QPSK	22.04	0	22.04	160.0	2000	PASS
A		0			0						7		
4A-7	20	230	100@	20	335	100@	QPSK	22.69	0	22.69	185.9	2000	PASS
A		0	0		0	0					1		
4A-7	20	230	1@0	20	335	1@99	16QAM	22.10	0	22.10	162.1	2000	PASS
A		0			0						3		
4A-7	20	230	1@99	20	335	1@0	16QAM	21.71	0	21.71	148.2	2000	PASS
A		0			0						5		
4A-7	20	230	100@	20	335	100@	16QAM	22.70	0	22.70	185.9	2000	PASS
A		0	0		0	0					9		

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

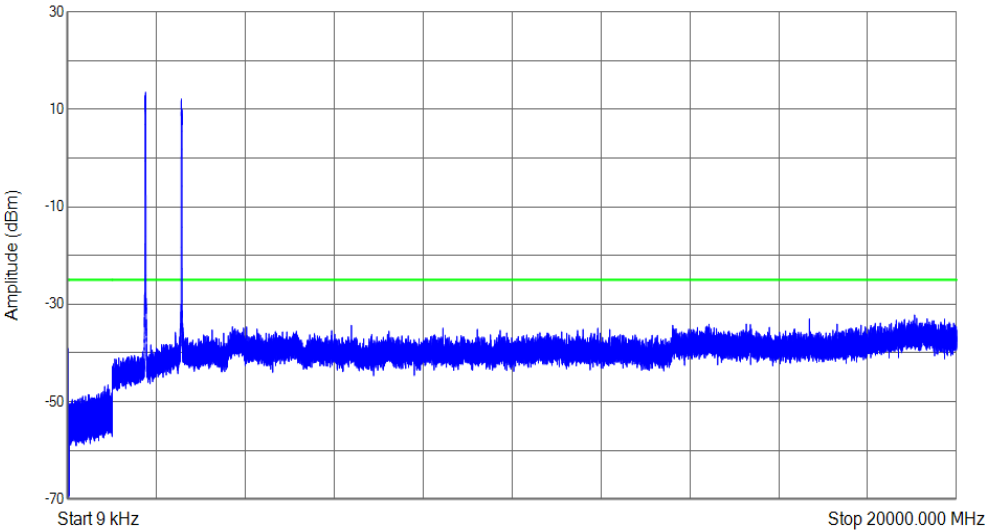
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-7A	5	1975	1@0	5	2775	1@24	QPSK	19743.50	-31.41	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	QPSK	2411.07	-30.98	-25	PASS
4A-7A	5	1975	1@0	5	2775	1@24	16QAM	19149.43	-32.89	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	16QAM	19375.53	-31.83	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	QPSK	18997.43	-32.57	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	QPSK	19424.30	-32.74	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	16QAM	19095.60	-32.45	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	16QAM	19092.43	-31.13	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	QPSK	19079.13	-31.98	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	QPSK	19426.20	-31.57	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	16QAM	18894.83	-32.23	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	16QAM	19031.00	-32.03	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	QPSK	19027.20	-32.83	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	QPSK	19747.93	-32.98	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	16QAM	19272.30	-32.50	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	16QAM	19055.07	-32.23	-25	PASS

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



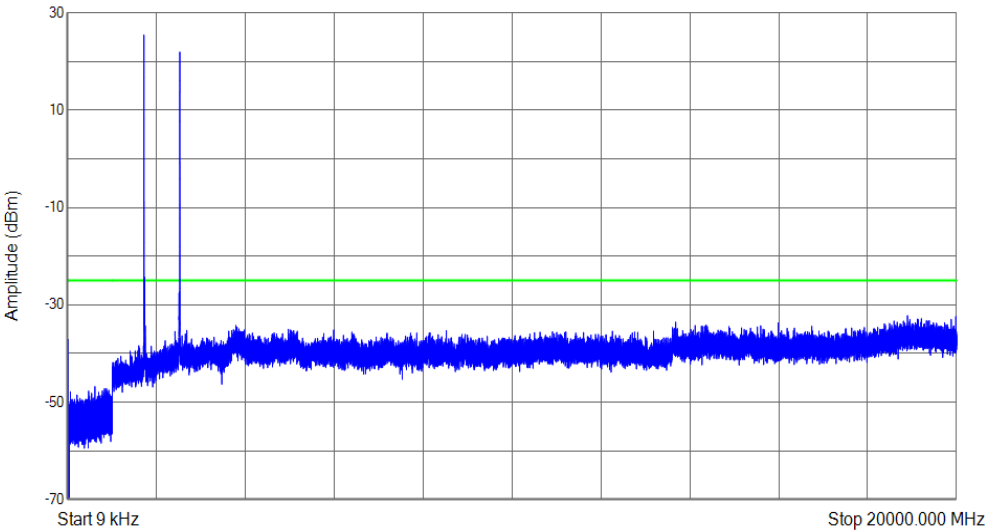
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.39	-25
2	0.15	30	10	0.15	-48.89	-25
3	30	1000	100	793.52	-47.57	-25
4	1000	20000	1000	19031	-32.03	-25

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



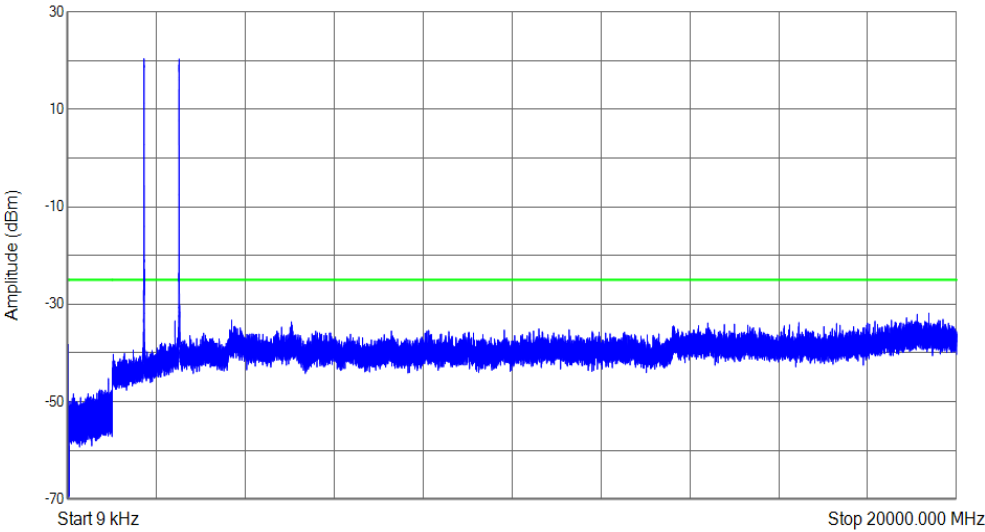
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.14	-25
2	0.15	30	10	0.15	-50.21	-25
3	30	1000	100	903.55	-46.59	-25
4	1000	20000	1000	19055.07	-32.23	-25

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



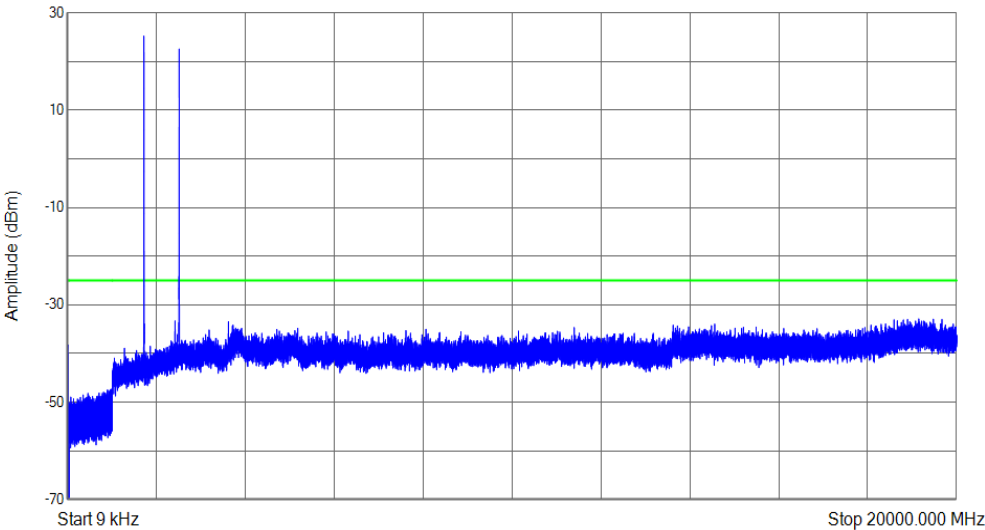
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.18	-25
2	0.15	30	10	0.17	-48.05	-25
3	30	1000	100	608.93	-46.82	-25
4	1000	20000	1000	18894.83	-32.23	-25

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



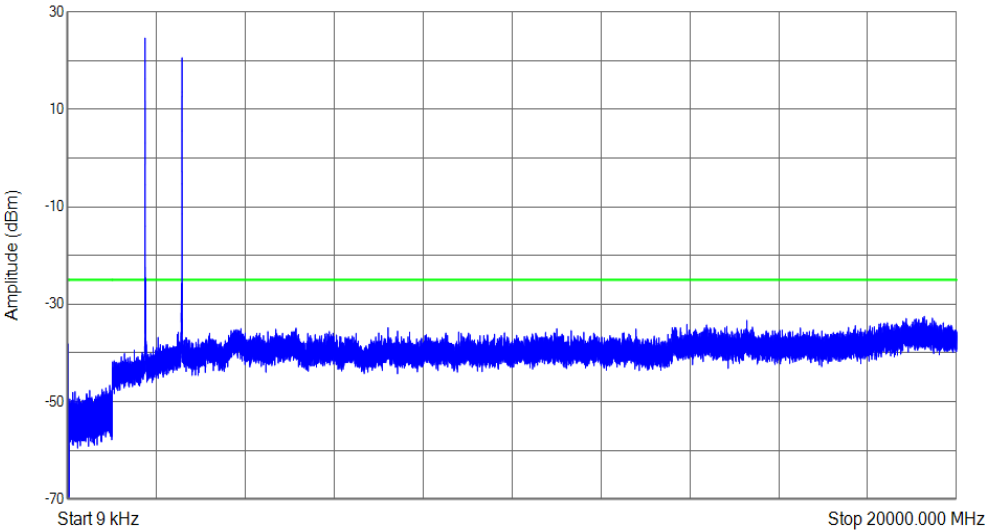
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.29	-25
2	0.15	30	10	0.15	-48.65	-25
3	30	1000	100	912.73	-45.27	-25
4	1000	20000	1000	19375.53	-31.83	-25

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



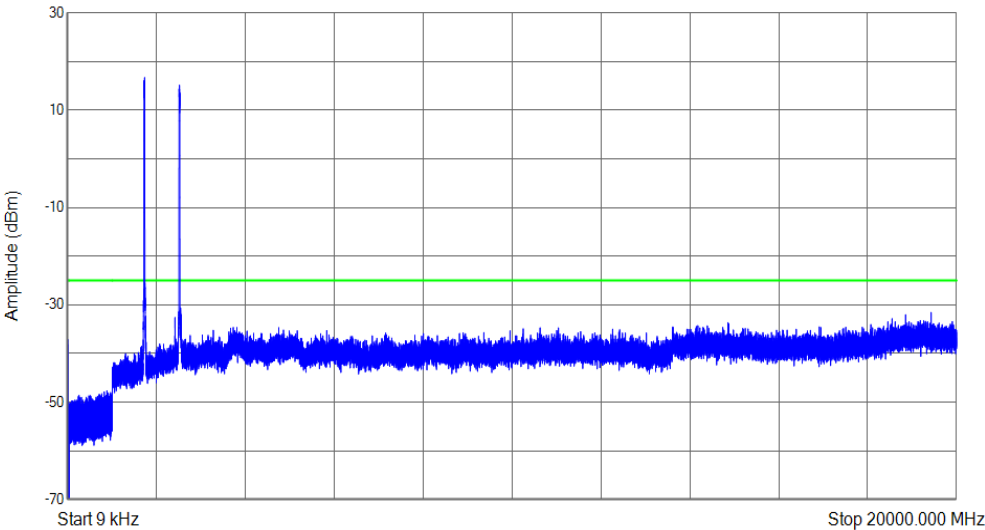
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.3	-25
2	0.15	30	10	0.15	-49.08	-25
3	30	1000	100	975.78	-47.35	-25
4	1000	20000	1000	19149.43	-32.89	-25

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



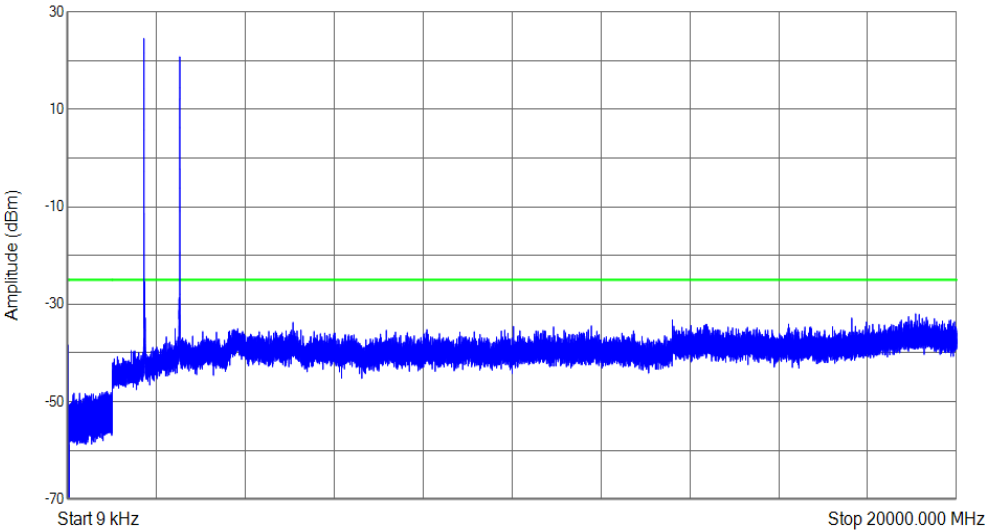
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.2	-25
2	0.15	30	10	0.16	-49.19	-25
3	30	1000	100	940.41	-46.65	-25
4	1000	20000	1000	19272.3	-32.5	-25

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



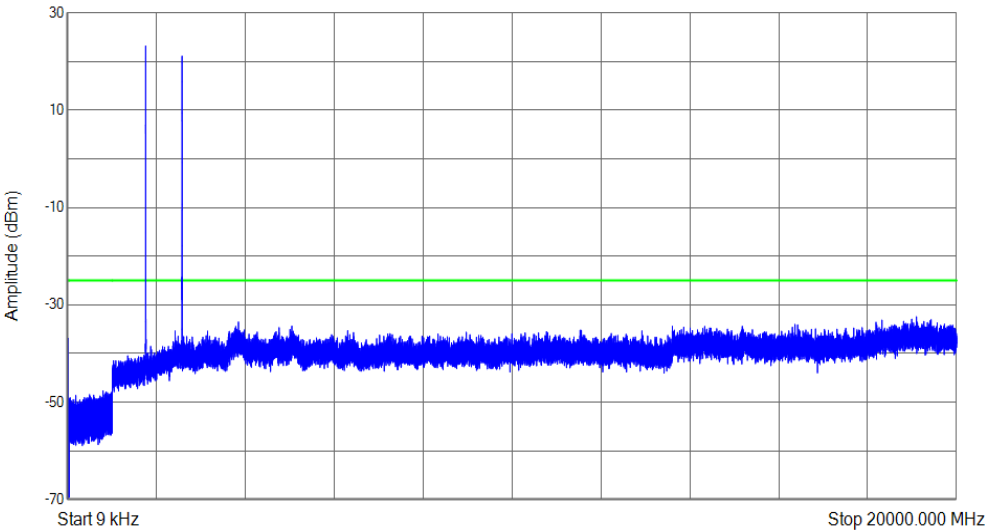
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.12	-25
2	0.15	30	10	0.16	-48.76	-25
3	30	1000	100	878.81	-47.66	-25
4	1000	20000	1000	19426.2	-31.57	-25

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



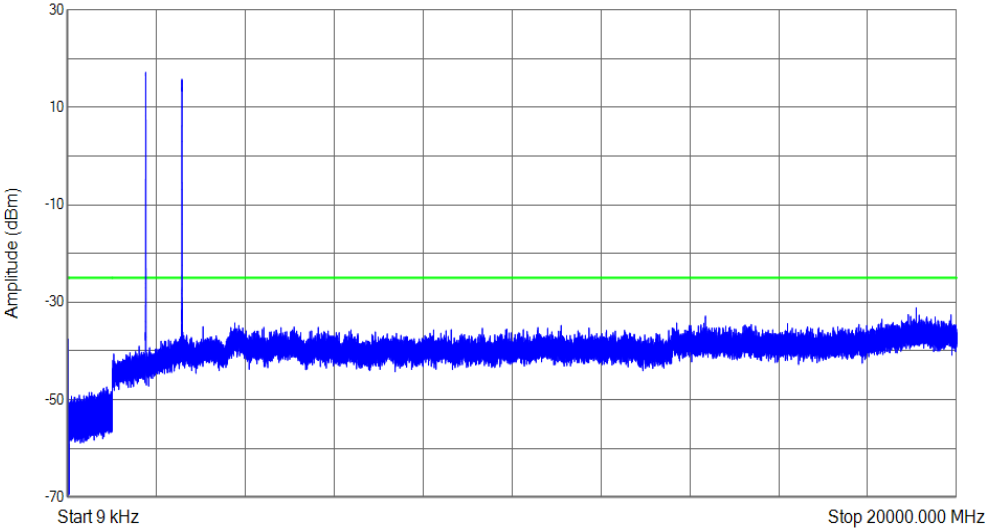
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.43	-25
2	0.15	30	10	0.17	-47.63	-25
3	30	1000	100	883.96	-47.91	-25
4	1000	20000	1000	19079.13	-31.98	-25

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



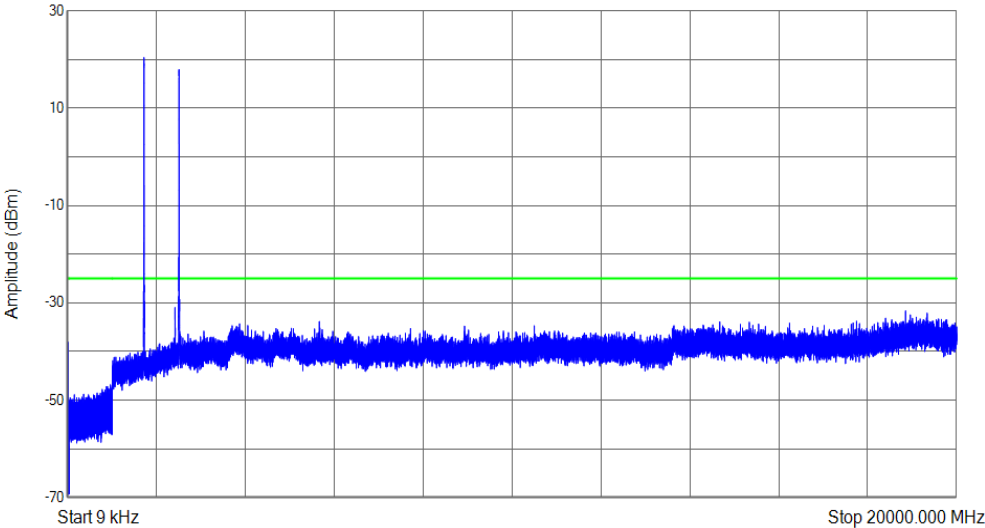
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.9	-25
2	0.15	30	10	0.16	-47.94	-25
3	30	1000	100	790.54	-47.66	-25
4	1000	20000	1000	19095.6	-32.45	-25

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



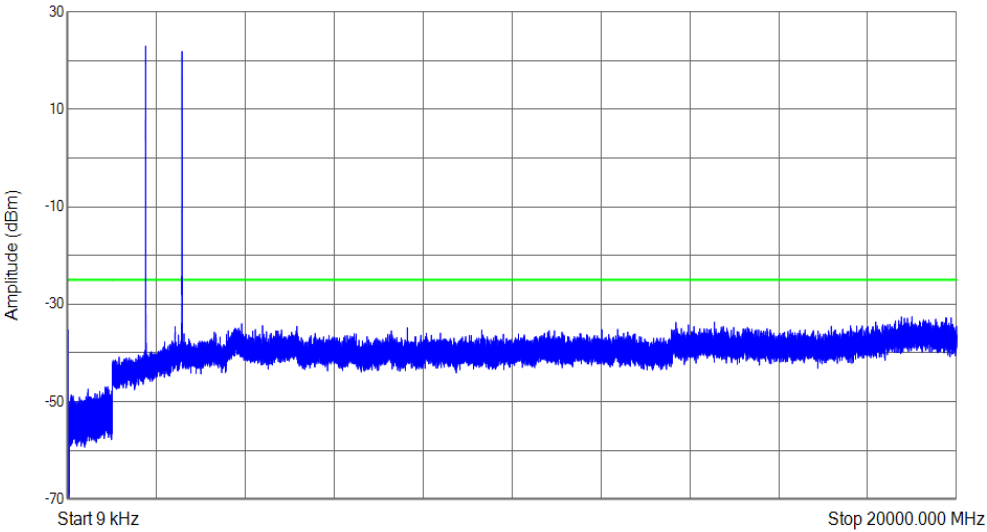
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-37.66	-25
2	0.15	30	10	0.15	-48.34	-25
3	30	1000	100	872.15	-47.4	-25
4	1000	20000	1000	19092.43	-31.13	-25

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



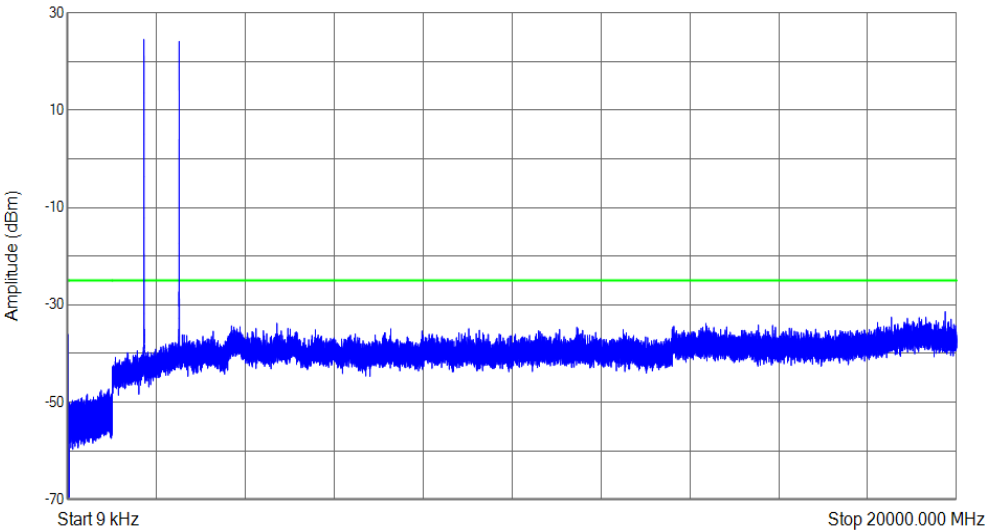
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.17	-25
2	0.15	30	10	0.16	-49.83	-25
3	30	1000	100	958.16	-46.85	-25
4	1000	20000	1000	2411.07	-30.98	-25

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



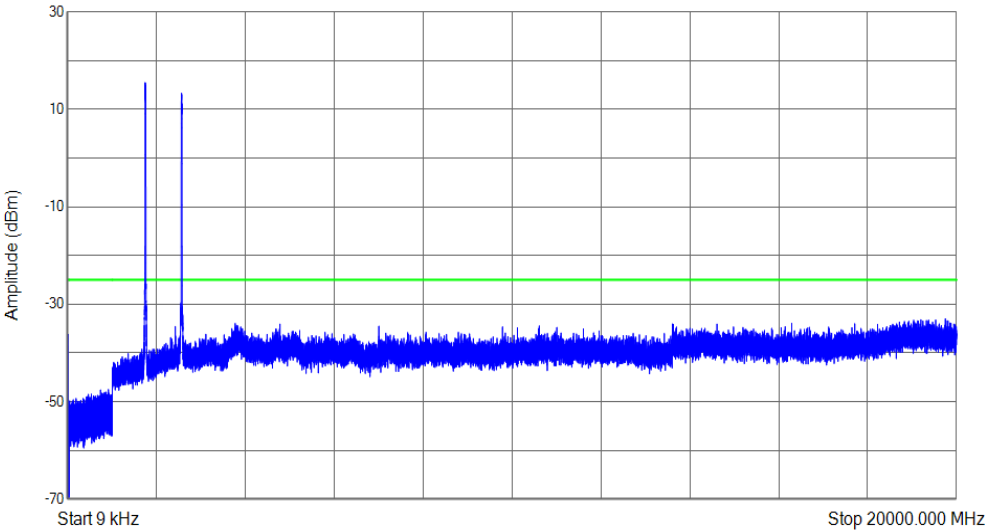
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-35.3	-25
2	0.15	30	10	0.15	-48.8	-25
3	30	1000	100	896.79	-46.95	-25
4	1000	20000	1000	18997.43	-32.57	-25

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



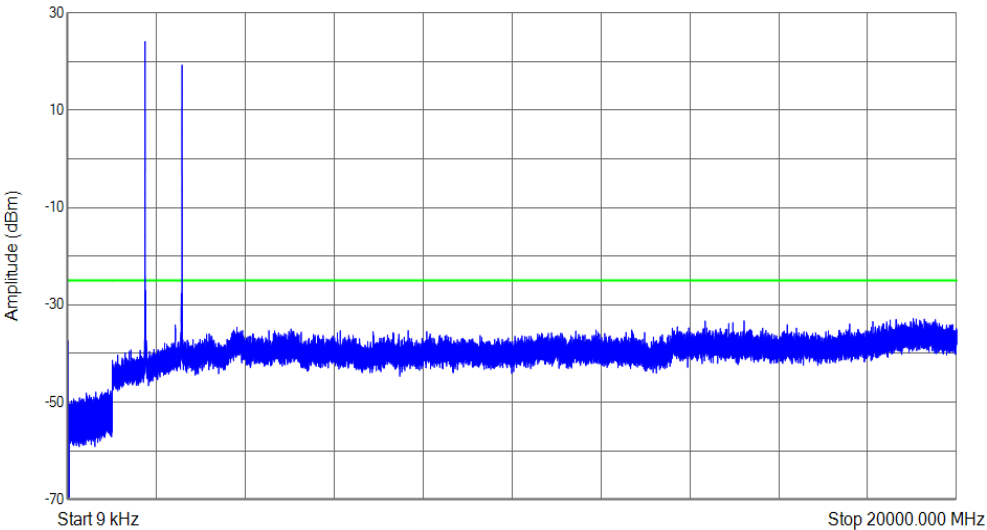
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.13	-25
2	0.15	30	10	0.18	-50.4	-25
3	30	1000	100	922.08	-47.32	-25
4	1000	20000	1000	19743.5	-31.41	-25

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



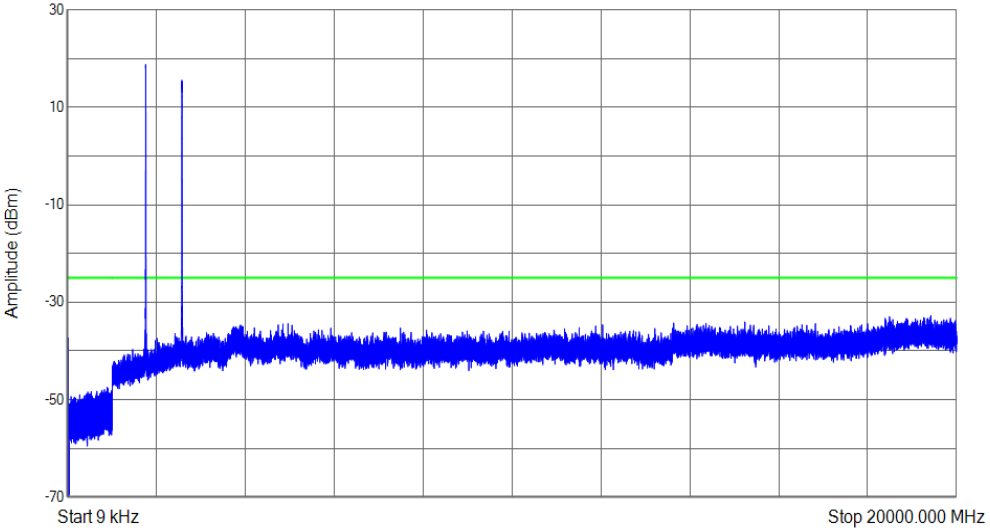
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.19	-25
2	0.15	30	10	0.15	-49.1	-25
3	30	1000	100	912.99	-47.52	-25
4	1000	20000	1000	19747.93	-32.98	-25

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	-37.48	-25
2	0.15	30	10	0.15	-48.79	-25
3	30	1000	100	903.97	-47.37	-25
4	1000	20000	1000	19027.2	-32.83	-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	-37.39	-25
2	0.15	30	10	0.16	-49.97	-25
3	30	1000	100	885.86	-47.47	-25
4	1000	20000	1000	19424.3	-32.74	-25