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01 Conducted output power for inter-band CA

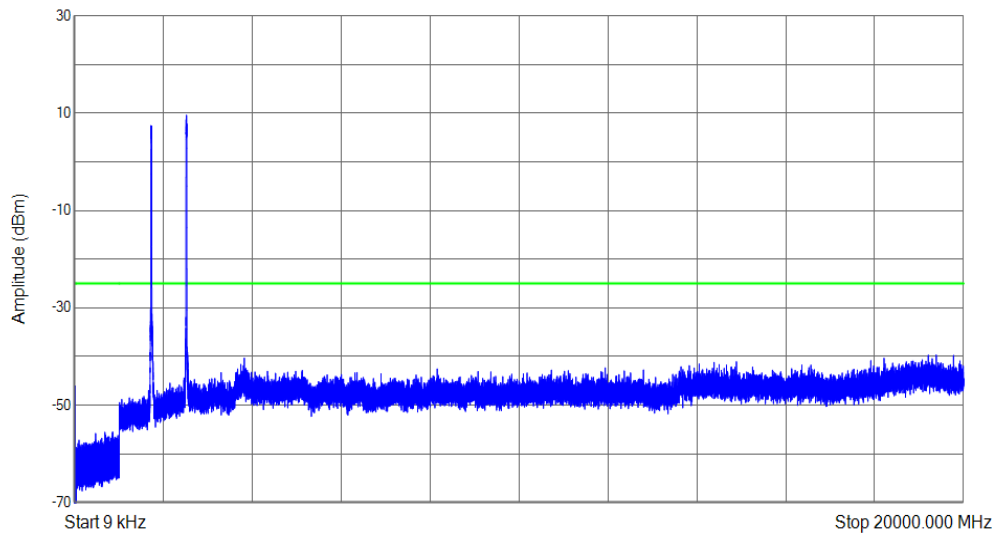
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-7 A	5	197 5	1@0	5	277 5	1@24	QPSK	23.14	0	23.14	206.3 0	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	QPSK	23.19	0	23.19	208.4 6	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	QPSK	23.30	0	23.30	213.8 5	2000	PASS
4A-7 A	5	197 5	1@0	5	277 5	1@24	16QAM	23.34	0	23.34	216.0 0	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	16QAM	23.31	0	23.31	214.1 9	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	16QAM	23.35	0	23.35	216.0 9	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	QPSK	23.12	0	23.12	205.0 0	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	QPSK	23.10	0	23.10	204.0 9	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	QPSK	23.16	0	23.16	206.7 9	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	16QAM	23.32	0	23.32	214.5 7	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	16QAM	23.23	0	23.23	210.2 0	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	16QAM	23.17	0	23.17	207.4 9	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	QPSK	23.44	0	23.44	220.5 7	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	QPSK	23.40	0	23.40	218.8 5	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	QPSK	23.46	0	23.46	222.0 2	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	16QAM	23.28	0	23.28	212.6 5	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	16QAM	23.23	0	23.23	210.5 4	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	16QAM	23.49	0	23.49	223.5 3	2000	PASS
4A-7	20	230	1@0	20	335	1@99	QPSK	23.48	0	23.48	222.8	2000	PASS

A		0			0					0			
4A-7	20	230	1@99	20	335	1@0	QPSK	23.32	0	23.32	214.6	2000	PASS
A		0			0						8		
4A-7	20	230	100@	20	335	100@	QPSK	23.58	0	23.58	227.9	2000	PASS
A		0	0		0	0					9		
4A-7	20	230	1@0	20	335	1@99	16QAM	22.97	0	22.97	197.9	2000	PASS
A		0			0						2		
4A-7	20	230	1@99	20	335	1@0	16QAM	23.00	0	23.00	199.4	2000	PASS
A		0			0						6		
4A-7	20	230	100@	20	335	100@	16QAM	23.49	0	23.49	223.3	2000	PASS
A		0	0		0	0					0		

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

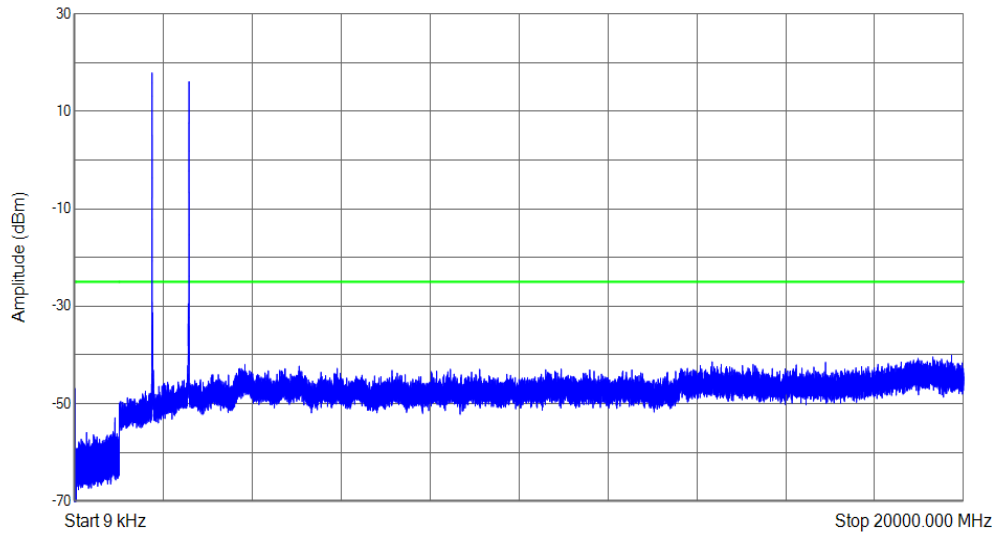
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-7A	5	1975	1@0	5	2775	1@24	QPSK	19300.17	-40.51	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	QPSK	19172.23	-40.27	-25	PASS
4A-7A	5	1975	1@0	5	2775	1@24	16QAM	19046.83	-40.06	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	16QAM	19094.33	-39.94	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	QPSK	19003.77	-40.26	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	QPSK	19288.77	-40.16	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	16QAM	19326.13	-39.96	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	16QAM	19400.23	-38.89	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	QPSK	19030.37	-39.86	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	QPSK	19414.80	-39.70	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	16QAM	19331.20	-39.56	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	16QAM	19385.67	-39.71	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	QPSK	19307.13	-38.71	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	QPSK	19833.43	-39.77	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	16QAM	19730.83	-40.07	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	16QAM	19226.70	-39.37	-25	PASS

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



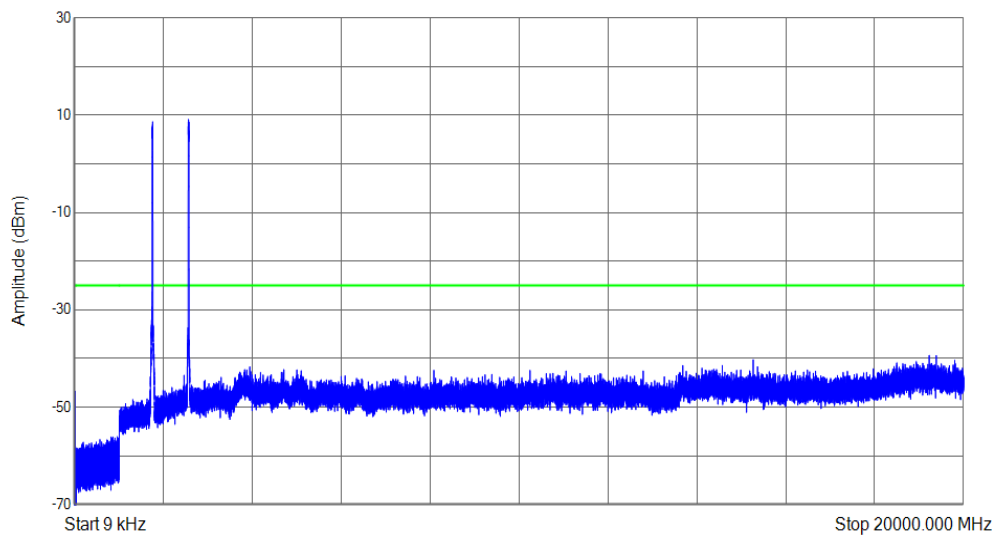
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-46.06	-25
2	0.15	30	10	0.17	-56.61	-25
3	30	1000	100	851.07	-55.52	-25
4	1000	20000	1000	19385.67	-39.71	-25

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



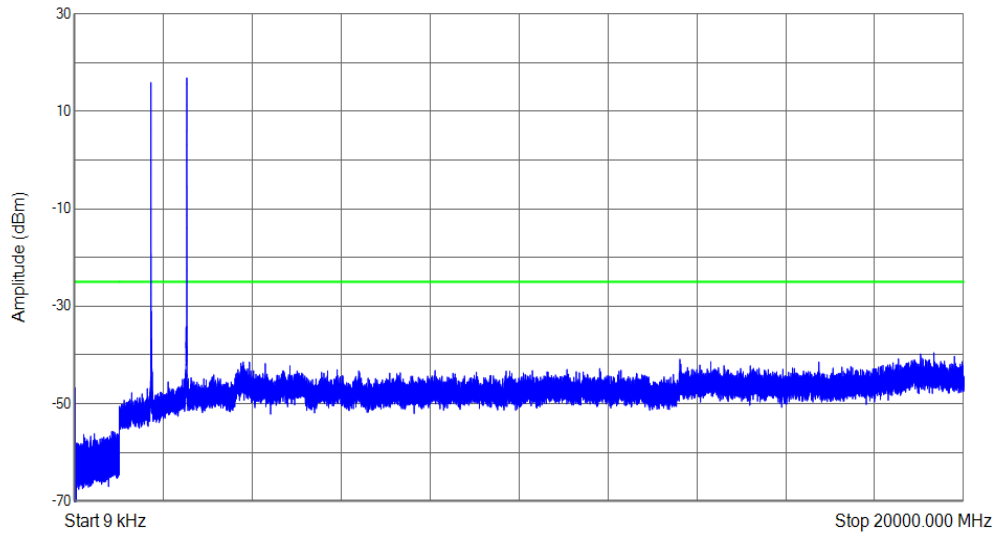
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-46.94	-25
2	0.15	30	10	0.15	-56.81	-25
3	30	1000	100	903.23	-52.91	-25
4	1000	20000	1000	19730.83	-40.07	-25

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



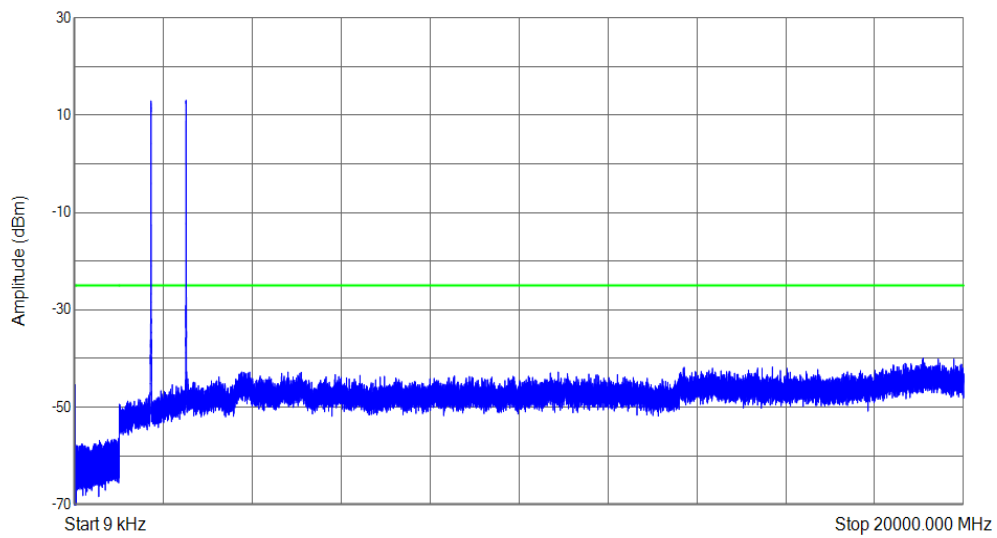
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.79	-25
2	0.15	30	10	0.16	-56.48	-25
3	30	1000	100	954.73	-56.08	-25
4	1000	20000	1000	19226.7	-39.37	-25

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



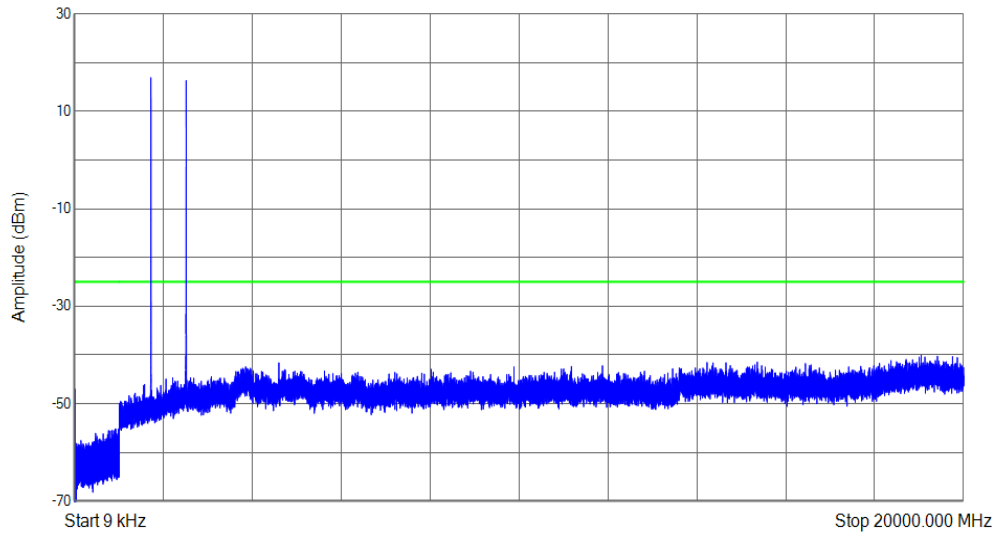
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.79	-25
2	0.15	30	10	0.17	-56.47	-25
3	30	1000	100	830.25	-55.73	-25
4	1000	20000	1000	19331.2	-39.56	-25

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



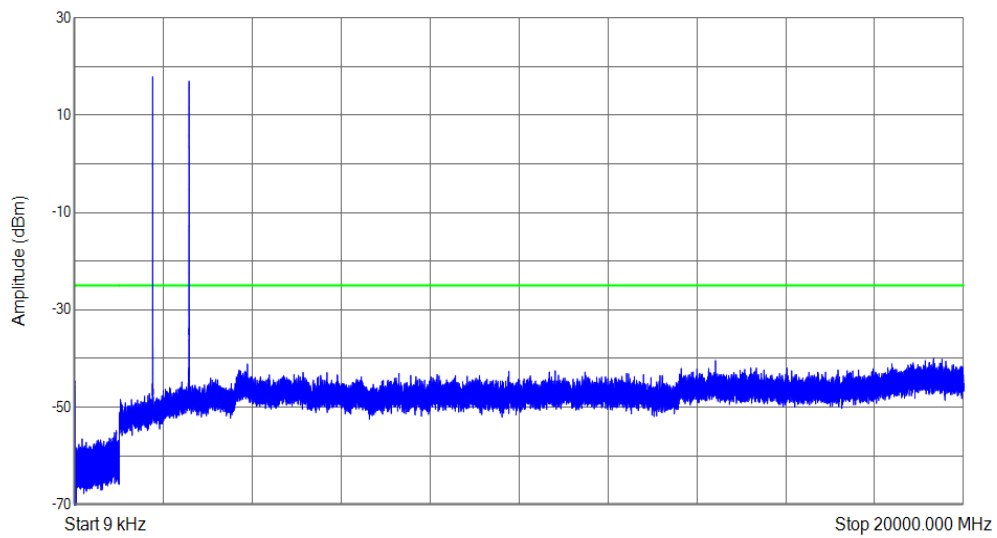
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.47	-25
2	0.15	30	10	0.15	-56.02	-25
3	30	1000	100	978.34	-56.44	-25
4	1000	20000	1000	19094.33	-39.94	-25

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



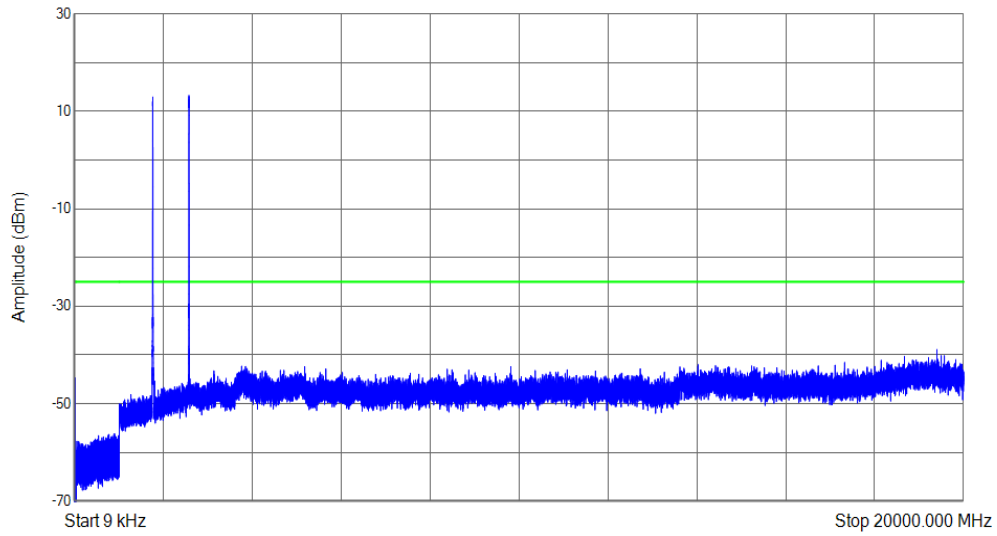
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-47.1	-25
2	0.15	30	10	0.17	-56.93	-25
3	30	1000	100	916.13	-55.2	-25
4	1000	20000	1000	19046.83	-40.06	-25

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



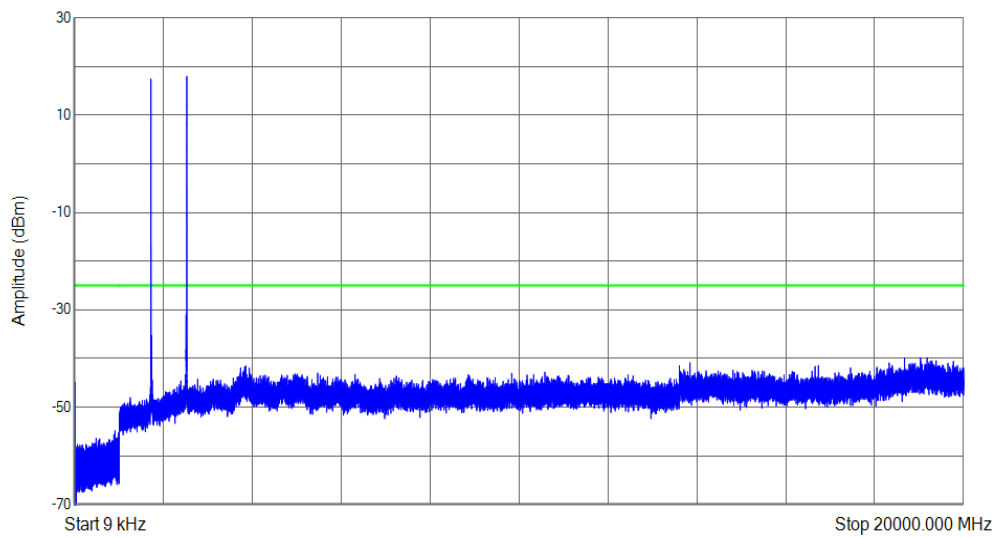
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-44.65	-25
2	0.15	30	10	0.15	-58.21	-25
3	30	1000	100	931.03	-54.83	-25
4	1000	20000	1000	19326.13	-39.96	-25

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



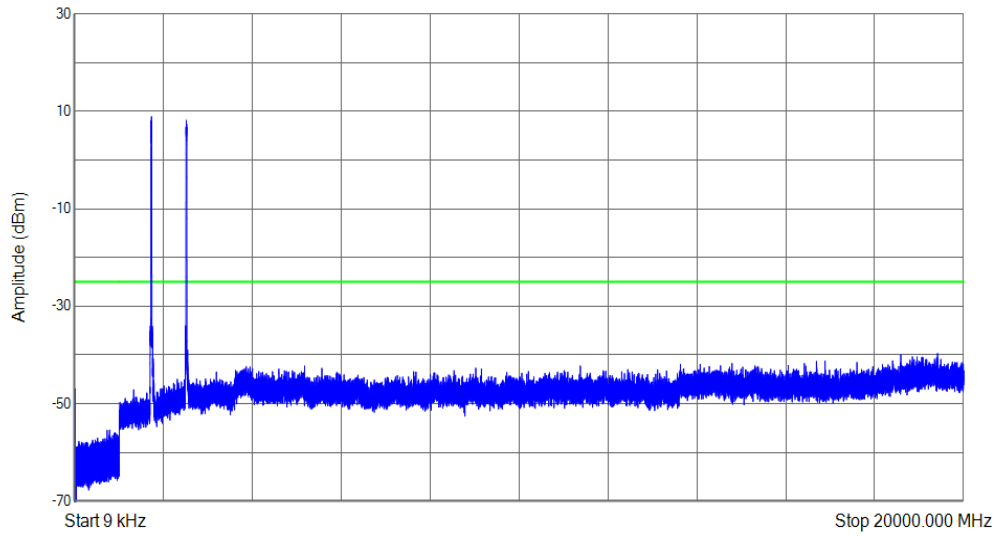
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-44.79	-25
2	0.15	30	10	0.15	-55.65	-25
3	30	1000	100	892.94	-56.21	-25
4	1000	20000	1000	19400.23	-38.89	-25

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



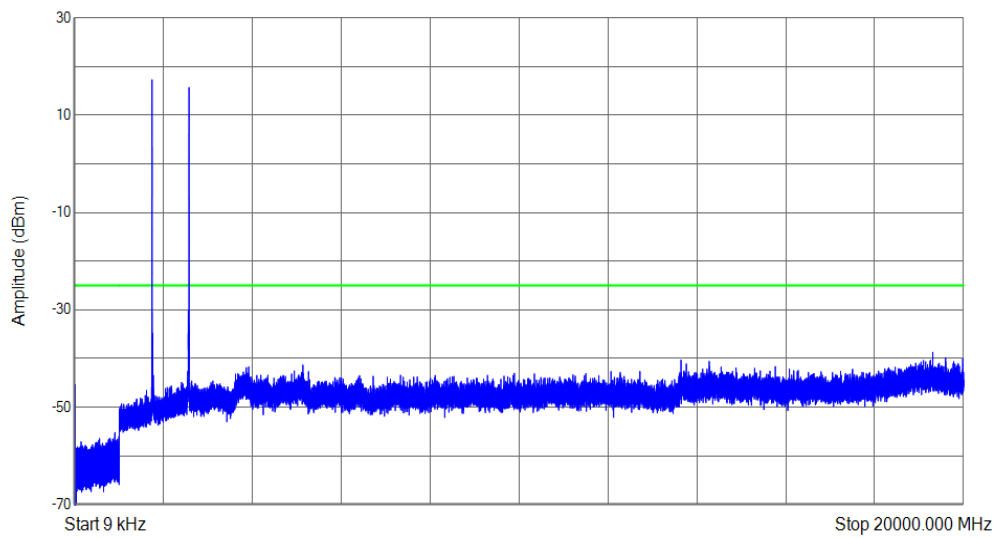
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45	-25
2	0.15	30	10	0.15	-58.23	-25
3	30	1000	100	903.23	-54.87	-25
4	1000	20000	1000	19030.37	-39.86	-25

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



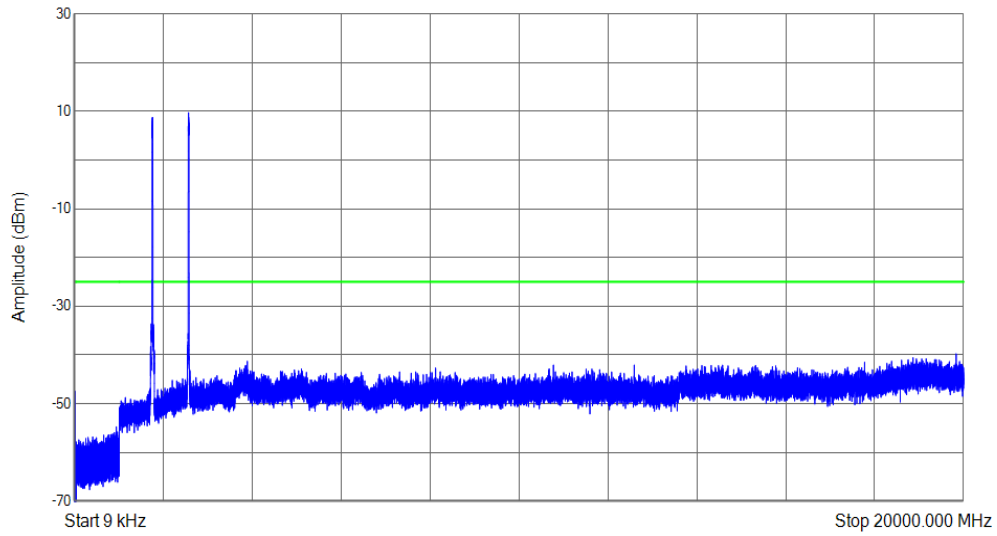
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-46.98	-25
2	0.15	30	10	0.16	-57.17	-25
3	30	1000	100	782.53	-55.43	-25
4	1000	20000	1000	19414.8	-39.7	-25

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



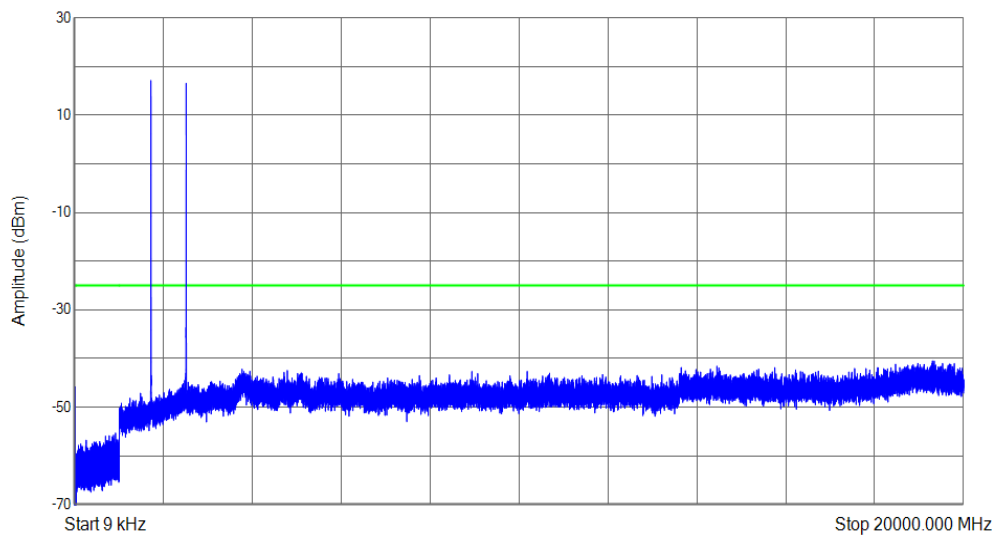
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.4	-25
2	0.15	30	10	0.15	-55.7	-25
3	30	1000	100	903.36	-55.21	-25
4	1000	20000	1000	19307.13	-38.71	-25

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



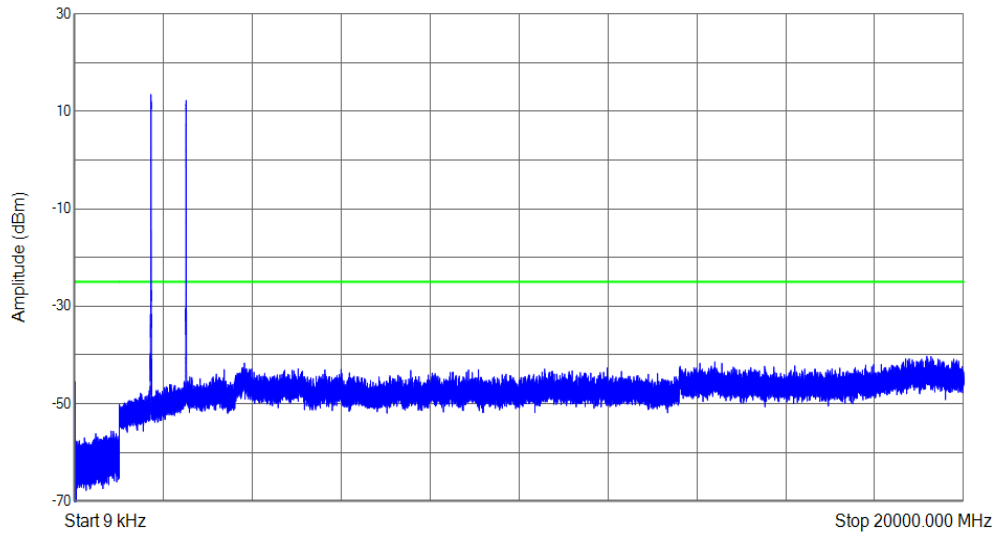
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-47.54	-25
2	0.15	30	10	0.19	-57.72	-25
3	30	1000	100	933.13	-54.76	-25
4	1000	20000	1000	19833.43	-39.77	-25

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



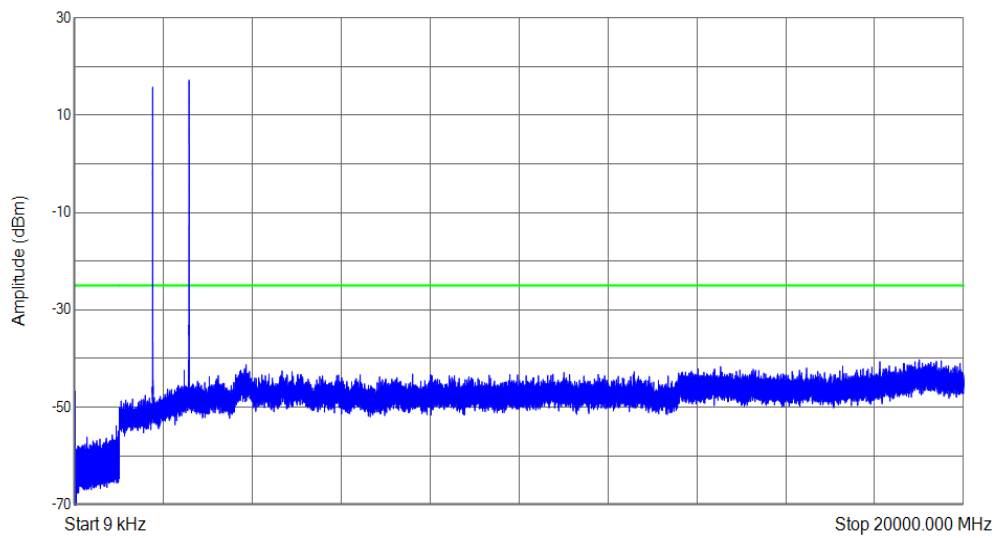
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.9	-25
2	0.15	30	10	0.16	-56.84	-25
3	30	1000	100	916	-55.35	-25
4	1000	20000	1000	19300.17	-40.51	-25

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



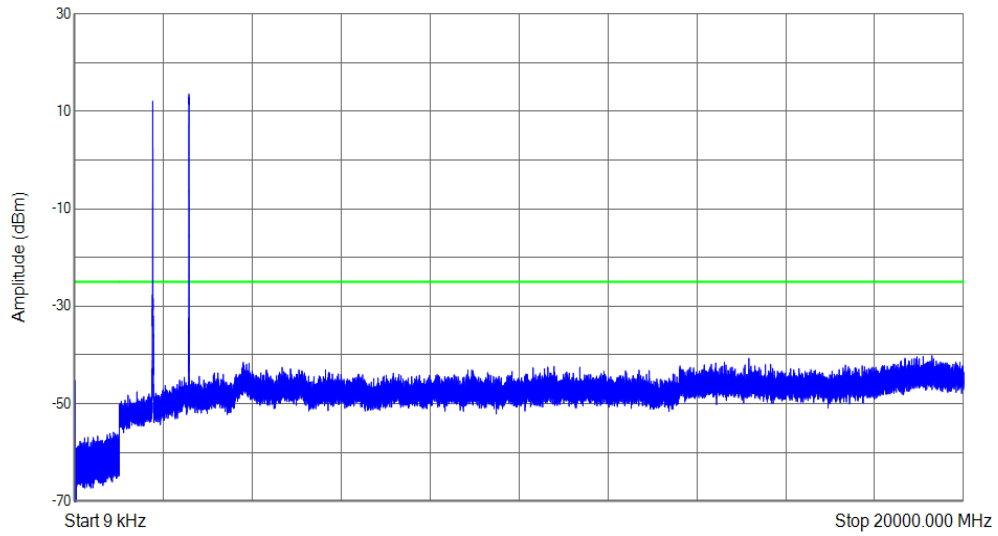
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-45.55	-25
2	0.15	30	10	0.15	-56.26	-25
3	30	1000	100	817.19	-55.65	-25
4	1000	20000	1000	19172.23	-40.27	-25

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	0.02	-46.74	-25
2	0.15	30	10	0.17	-57.32	-25
3	30	1000	100	931.03	-53.82	-25
4	1000	20000	1000	19003.77	-40.26	-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	0.02	-45.31	-25
2	0.15	30	10	0.17	-56.81	-25
3	30	1000	100	869.83	-55.86	-25
4	1000	20000	1000	19288.77	-40.16	-25