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01 Conducted output power for inter-band CA

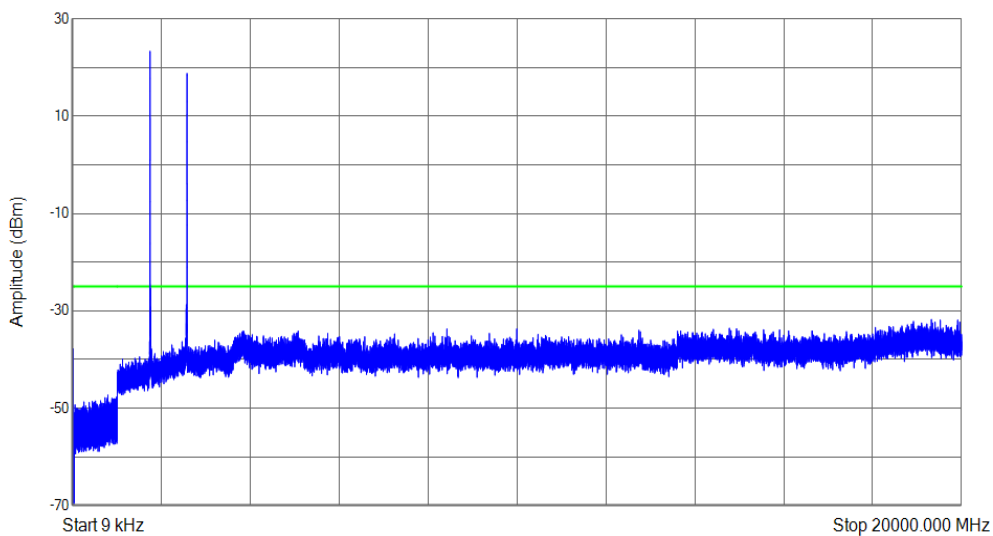
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
4A-7 A	5	197 5	1@0	5	277 5	1@24	QPSK	23.77	0	23.77	238.4 3	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	QPSK	23.83	0	23.83	241.4 0	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	QPSK	23.79	0	23.79	239.0 6	2000	PASS
4A-7 A	5	197 5	1@0	5	277 5	1@24	16QAM	23.63	0	23.63	230.8 3	2000	PASS
4A-7 A	5	197 5	1@24	5	277 5	1@0	16QAM	23.69	0	23.69	233.7 7	2000	PASS
4A-7 A	5	197 5	25@0	5	277 5	25@0	16QAM	23.77	0	23.77	238.3 1	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	QPSK	21.65	0	21.65	146.3 8	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	QPSK	21.56	0	21.56	143.1 3	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	QPSK	21.67	0	21.67	146.7 4	2000	PASS
4A-7 A	5	237 5	1@0	5	342 5	1@24	16QAM	21.75	0	21.75	149.7 2	2000	PASS
4A-7 A	5	237 5	1@24	5	342 5	1@0	16QAM	21.67	0	21.67	146.7 9	2000	PASS
4A-7 A	5	237 5	25@0	5	342 5	25@0	16QAM	21.66	0	21.66	146.4 5	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	QPSK	23.54	0	23.54	226.0 1	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	QPSK	23.84	0	23.84	242.0 0	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	QPSK	23.64	0	23.64	231.4 5	2000	PASS
4A-7 A	20	205 0	1@0	20	285 0	1@99	16QAM	23.30	0	23.30	213.7 8	2000	PASS
4A-7 A	20	205 0	1@99	20	285 0	1@0	16QAM	23.58	0	23.58	228.0 7	2000	PASS
4A-7 A	20	205 0	100@ 0	20	285 0	100@ 0	16QAM	23.63	0	23.63	230.6 9	2000	PASS
4A-7	20	230	1@0	20	335	1@99	QPSK	22.12	0	22.12	162.8	2000	PASS

A		0			0						5		
4A-7	20	230	1@99	20	335	1@0	QPSK	21.99	0	21.99	158.1	2000	PASS
A		0			0						7		
4A-7	20	230	100@	20	335	100@	QPSK	22.03	0	22.03	159.6	2000	PASS
A		0	0		0	0					8		
4A-7	20	230	1@0	20	335	1@99	16QAM	21.81	0	21.81	151.8	2000	PASS
A		0			0						7		
4A-7	20	230	1@99	20	335	1@0	16QAM	21.68	0	21.68	147.1	2000	PASS
A		0			0						4		
4A-7	20	230	100@	20	335	100@	16QAM	22.02	0	22.02	159.0	2000	PASS
A		0	0		0	0					6		

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

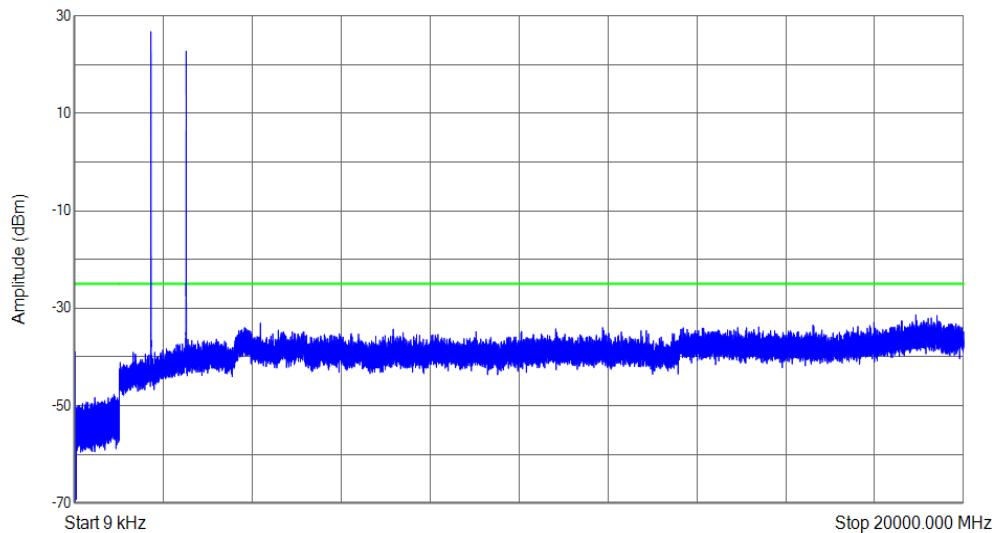
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
4A-7A	5	1975	1@0	5	2775	1@24	QPSK	19428.73	-30.80	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	QPSK	18975.90	-32.13	-25	PASS
4A-7A	5	1975	1@0	5	2775	1@24	16QAM	18925.87	-31.36	-25	PASS
4A-7A	5	1975	25@0	5	2775	25@0	16QAM	19279.27	-32.15	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	QPSK	18832.77	-31.94	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	QPSK	18796.03	-32.17	-25	PASS
4A-7A	5	2375	1@0	5	3425	1@24	16QAM	19378.07	-31.54	-25	PASS
4A-7A	5	2375	25@0	5	3425	25@0	16QAM	18773.23	-31.21	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	QPSK	19738.43	-31.80	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	QPSK	19442.03	-31.95	-25	PASS
4A-7A	20	2050	1@0	20	2850	1@99	16QAM	19386.30	-31.94	-25	PASS
4A-7A	20	2050	100@0	20	2850	100@0	16QAM	19297.00	-31.21	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	QPSK	19454.70	-32.18	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	QPSK	19273.57	-31.51	-25	PASS
4A-7A	20	2300	1@0	20	3350	1@99	16QAM	19319.80	-31.78	-25	PASS
4A-7A	20	2300	100@0	20	3350	100@0	16QAM	19175.40	-32.01	-25	PASS

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



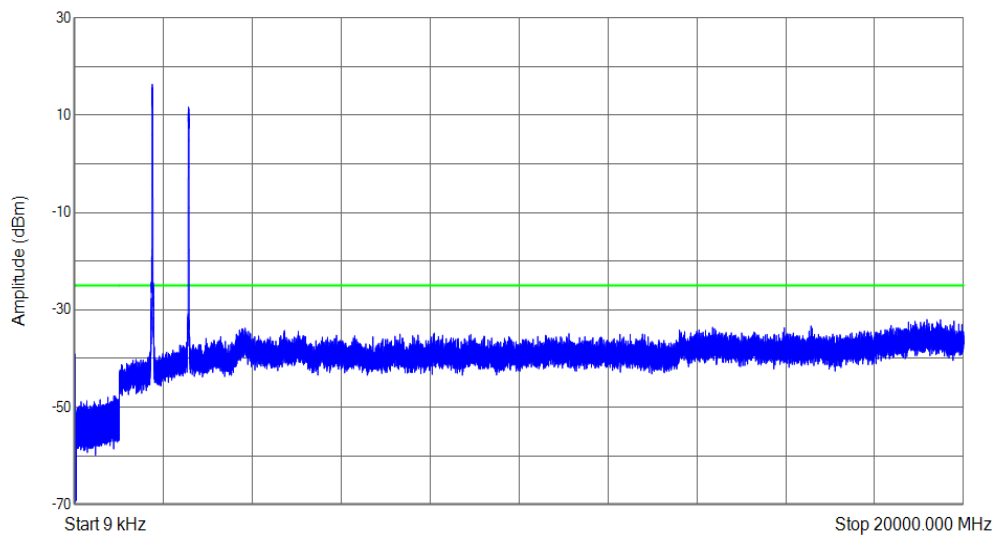
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.87	-25
2	0.15	30	10	0.15	-49.74	-25
3	30	1000	100	788.77	-47.31	-25
4	1000	20000	1000	19319.8	-31.78	-25

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



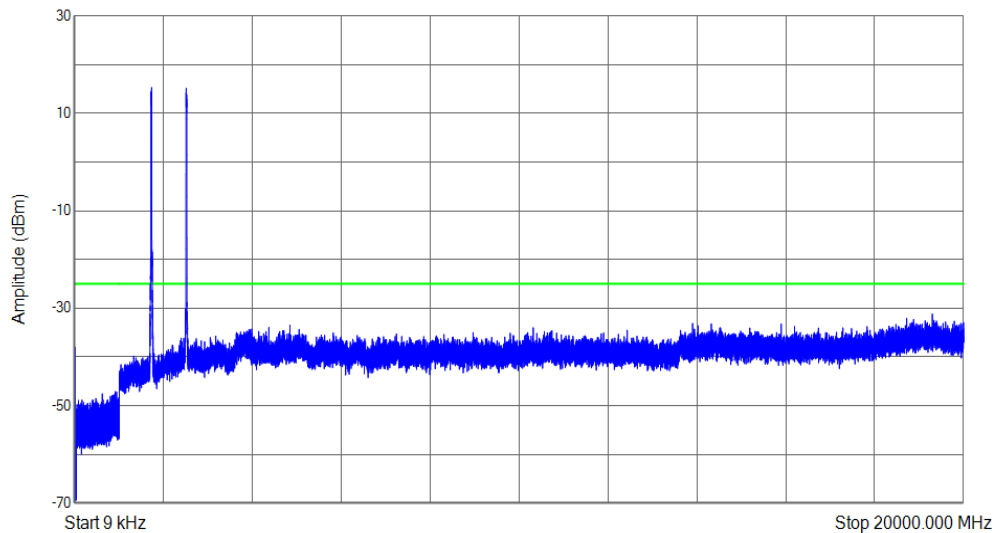
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.04	-25
2	0.15	30	10	0.15	-49.5	-25
3	30	1000	100	880.08	-47.7	-25
4	1000	20000	1000	18925.87	-31.36	-25

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



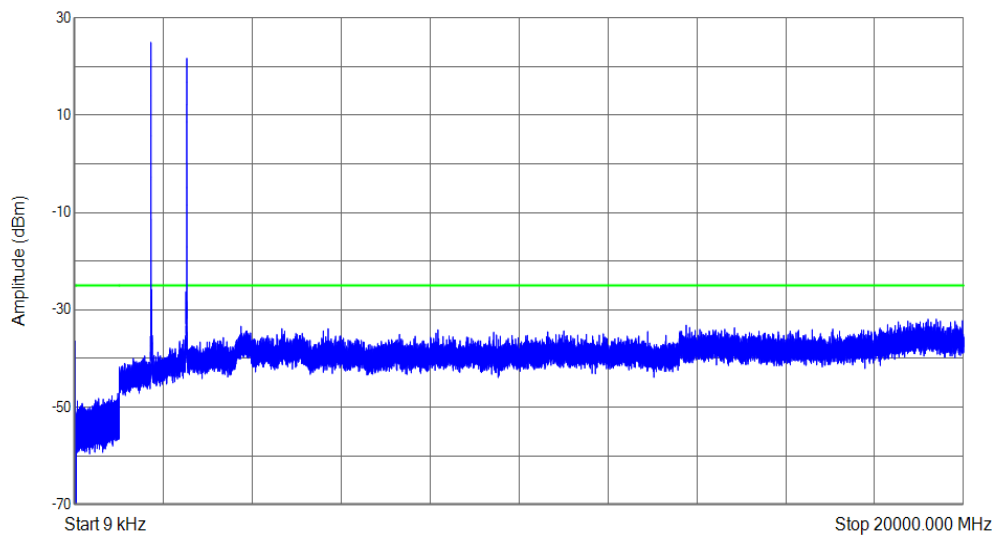
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-39.13	-25
2	0.15	30	10	0.15	-47.99	-25
3	30	1000	100	877.04	-47.71	-25
4	1000	20000	1000	19175.4	-32.01	-25

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



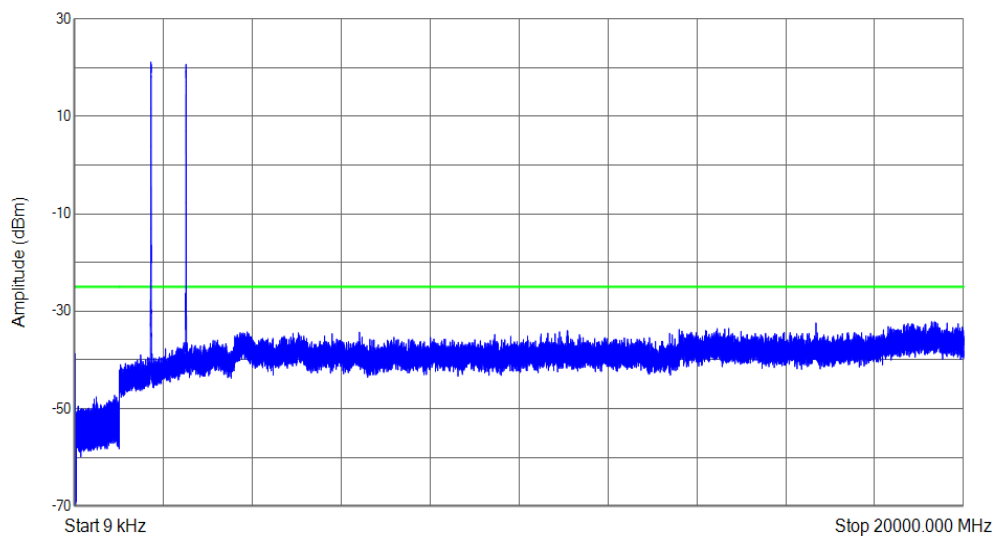
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.12	-25
2	0.15	30	10	0.15	-48.84	-25
3	30	1000	100	905.65	-47.12	-25
4	1000	20000	1000	19297	-31.21	-25

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



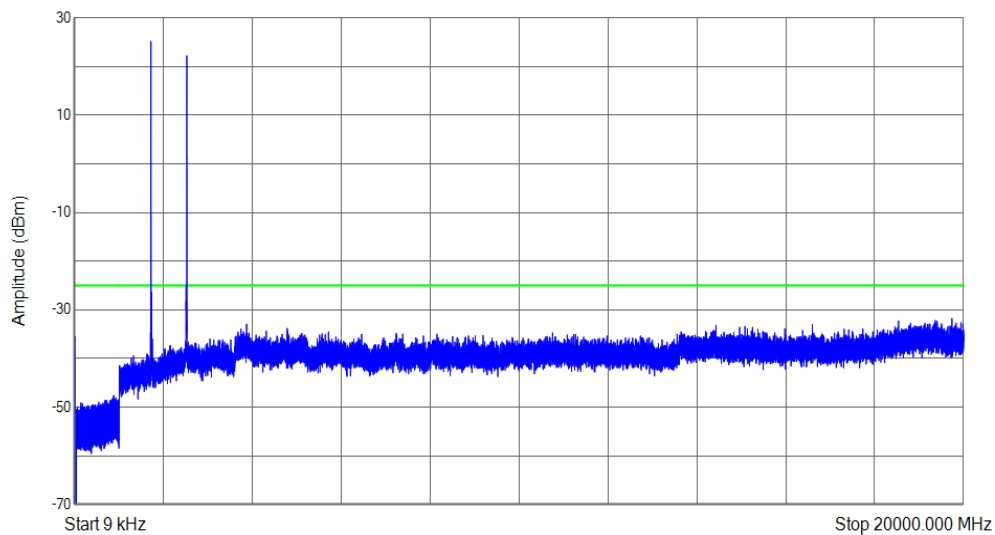
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.48	-25
2	0.15	30	10	0.16	-50.51	-25
3	30	1000	100	968.02	-47.18	-25
4	1000	20000	1000	19386.3	-31.94	-25

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



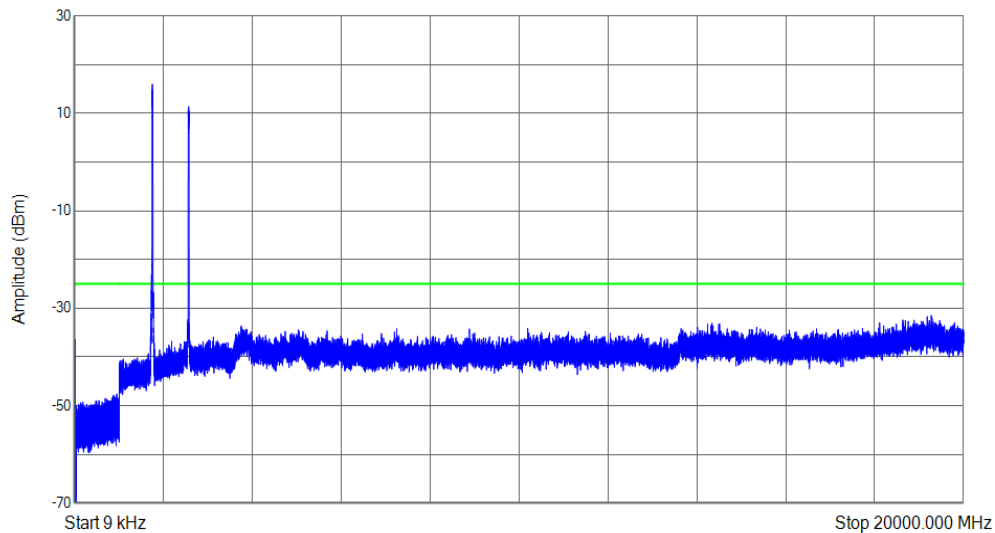
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.73	-25
2	0.15	30	10	0.19	-50.29	-25
3	30	1000	100	893.95	-47.27	-25
4	1000	20000	1000	19279.27	-32.15	-25

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



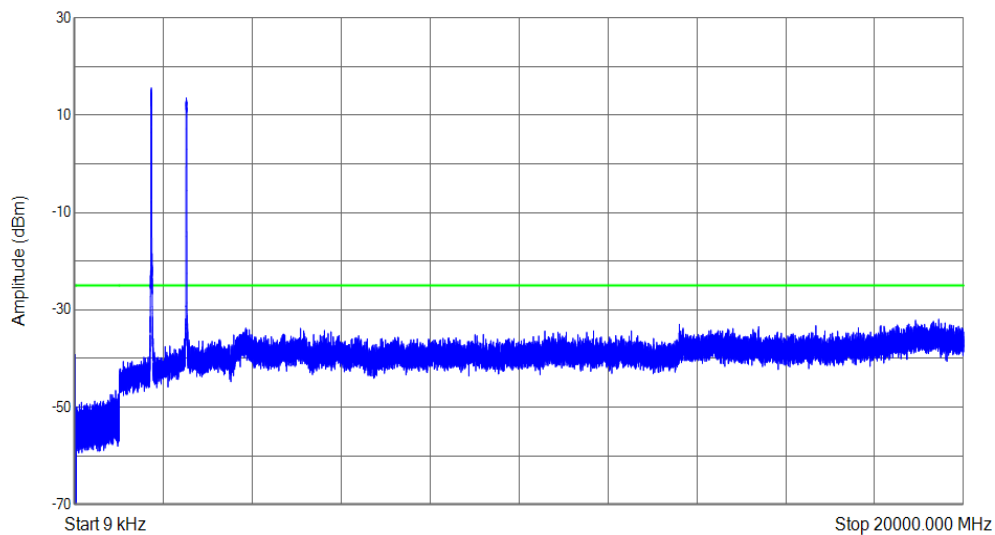
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-35.61	-25
2	0.15	30	10	0.16	-49.64	-25
3	30	1000	100	878.65	-47.61	-25
4	1000	20000	1000	19738.43	-31.8	-25

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



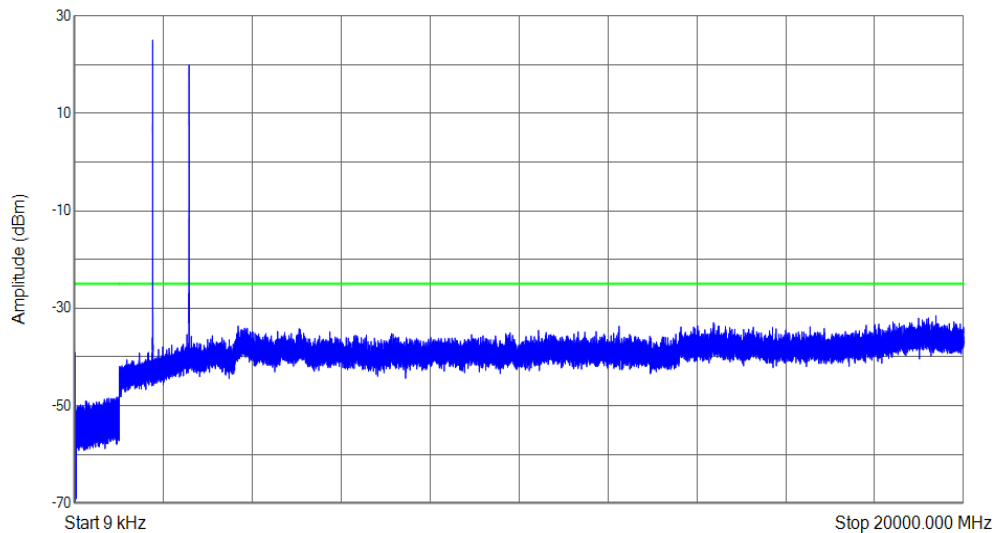
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-36.49	-25
2	0.15	30	10	0.15	-49	-25
3	30	1000	100	942.25	-47.62	-25
4	1000	20000	1000	19273.57	-31.51	-25

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



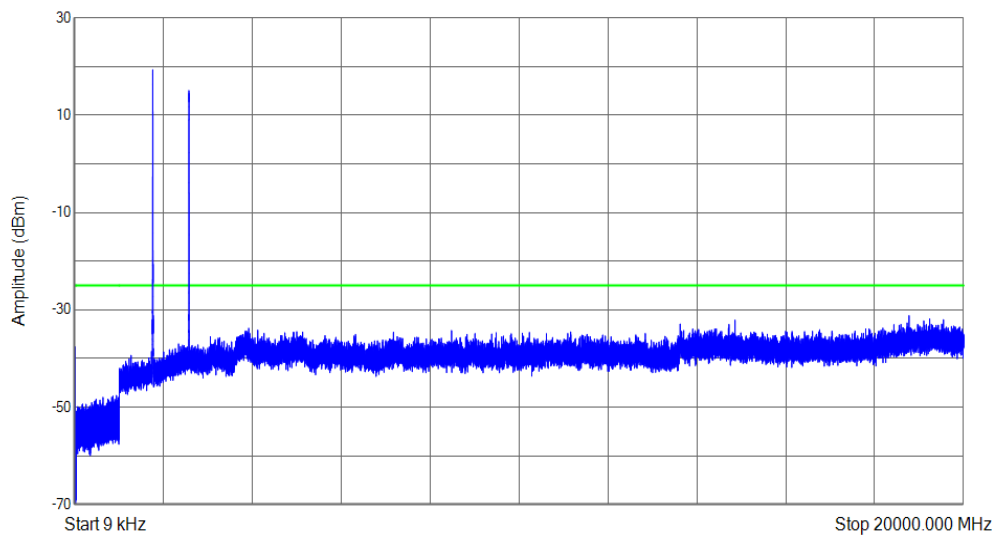
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.26	-25
2	0.15	30	10	0.2	-49.67	-25
3	30	1000	100	917.36	-46.59	-25
4	1000	20000	1000	19442.03	-31.95	-25

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



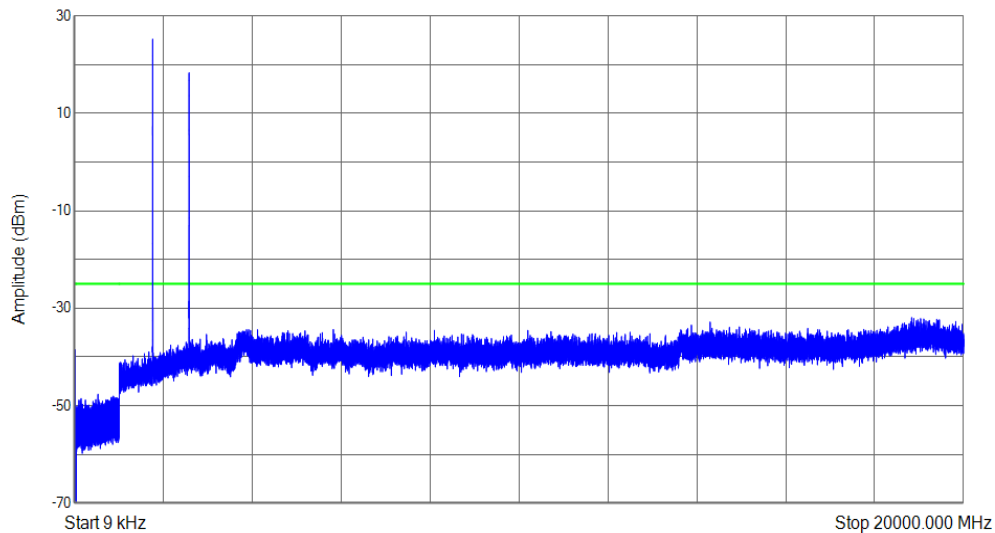
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.13	-25
2	0.15	30	10	0.19	-50.11	-25
3	30	1000	100	969.28	-48.25	-25
4	1000	20000	1000	19378.07	-31.54	-25

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



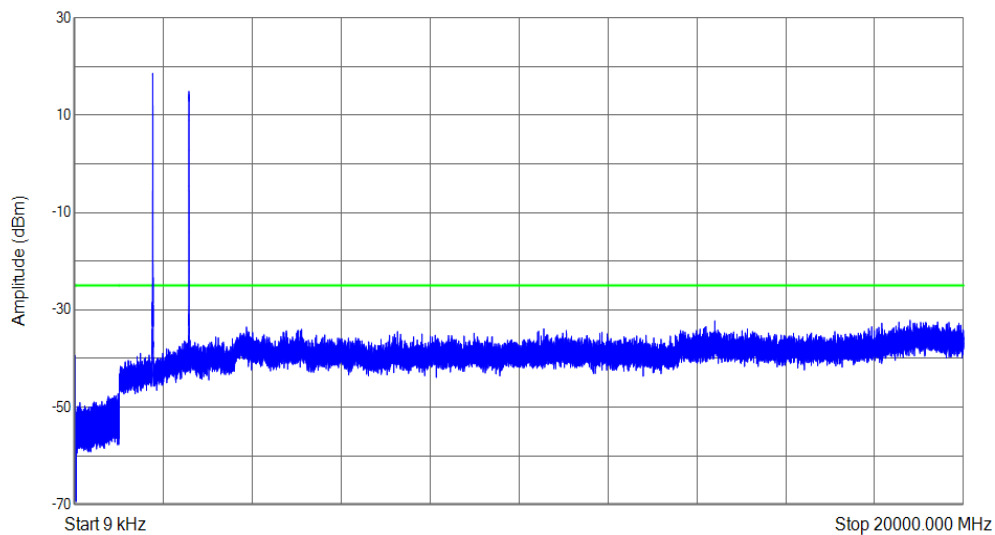
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.7	-25
2	0.15	30	10	0.15	-48.51	-25
3	30	1000	100	934.53	-47.61	-25
4	1000	20000	1000	18773.23	-31.21	-25

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



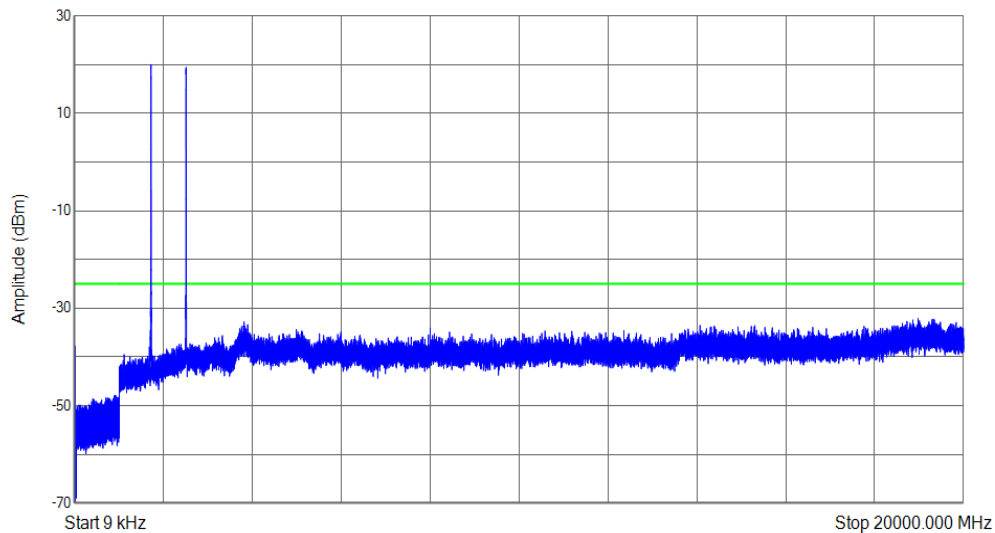
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.63	-25
2	0.15	30	10	0.17	-48.41	-25
3	30	1000	100	520.53	-47.68	-25
4	1000	20000	1000	18832.77	-31.94	-25

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



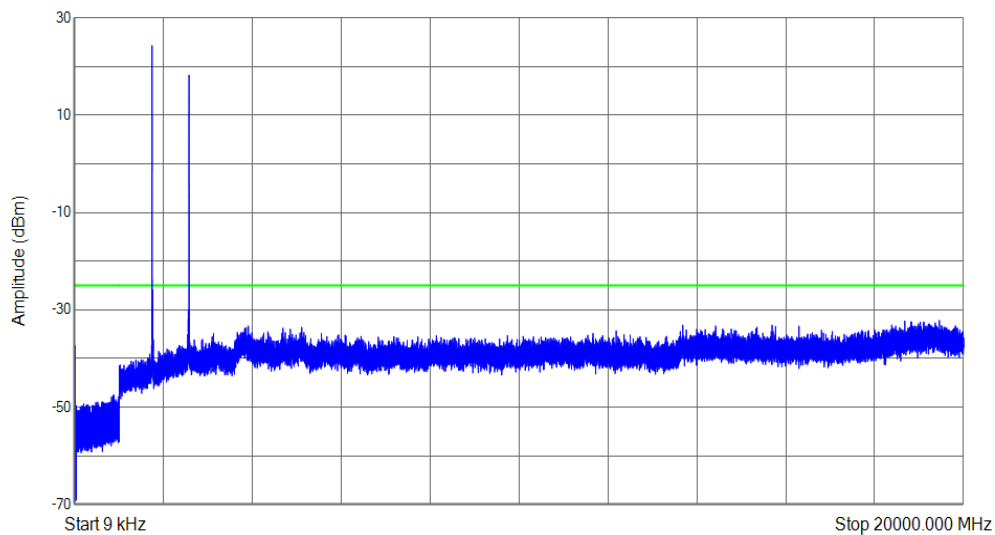
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.38	-25
2	0.15	30	10	0.16	-50.23	-25
3	30	1000	100	972.03	-47.25	-25
4	1000	20000	1000	18796.03	-32.17	-25

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



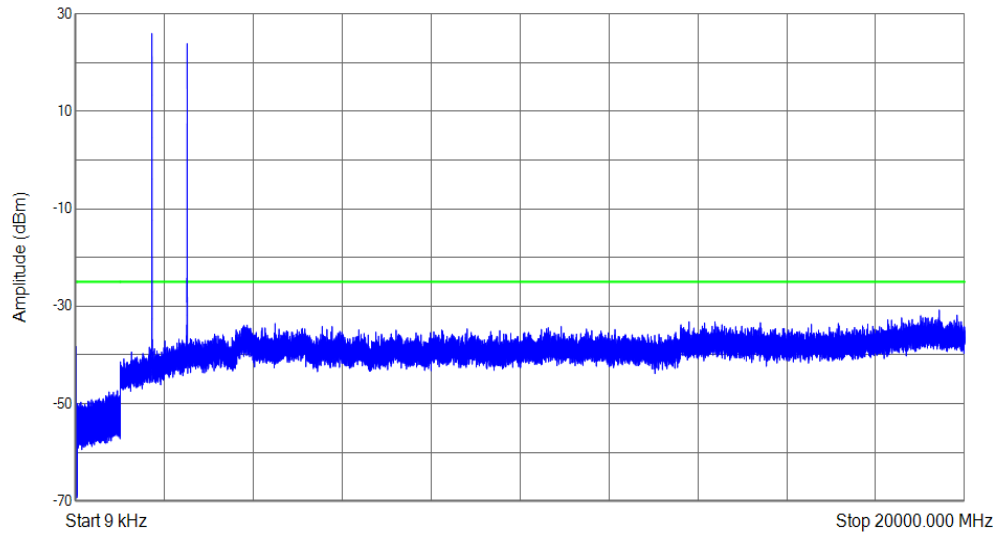
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-37.8	-25
2	0.15	30	10	0.17	-50.32	-25
3	30	1000	100	913.57	-47.88	-25
4	1000	20000	1000	18975.9	-32.13	-25

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	-37.41	-25
2	0.15	30	10	0.16	-48.87	-25
3	30	1000	100	883.24	-47.54	-25
4	1000	20000	1000	19454.7	-32.18	-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	-38.37	-25
2	0.15	30	10	0.15	-49.98	-25
3	30	1000	100	936.27	-47.34	-25
4	1000	20000	1000	19428.73	-30.8	-25