

TABLE OF CONTENTS

01 Conducted output power for inter-band CA2

06 Out-of-band emissions for inter-band CA.....4

01 Conducted output power for inter-band CA

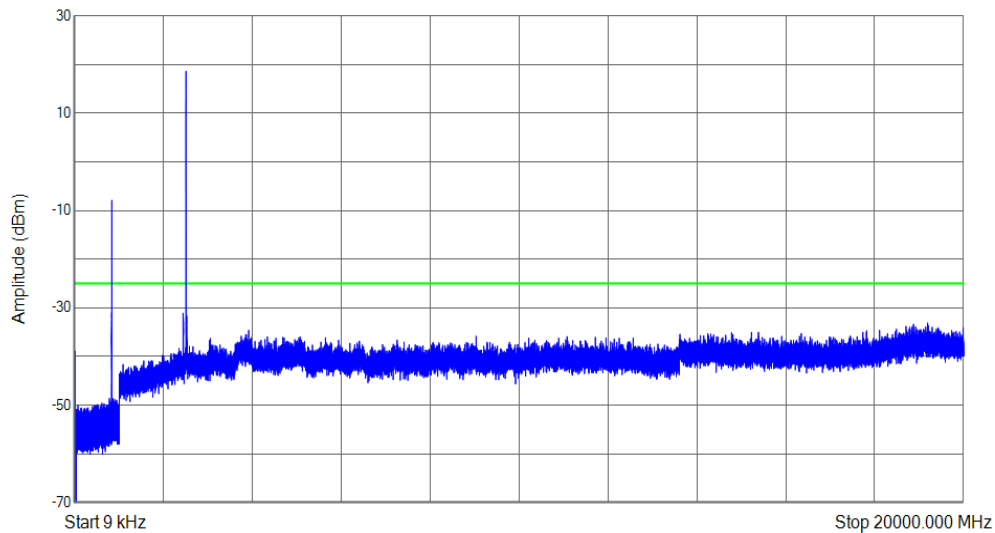
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Power (dBm)	Gain(dB)	EIRP (dBm)	EIRP (mW)	ERP Limit (mW)	Verdict
7A-5 A	10	280 0	1@0	5	242 5	1@2 4	QPSK	23.34	0	23.34	215.7 4	2000	PASS
7A-5 A	10	280 0	1@49	5	242 5	1@0	QPSK	22.72	0	22.72	187.0 6	2000	PASS
7A-5 A	10	280 0	50@0	5	242 5	25@ 0	QPSK	23.21	0	23.21	209.3 8	2000	PASS
7A-5 A	10	280 0	1@0	5	242 5	1@2 4	16QAM	22.74	0	22.74	187.9 4	2000	PASS
7A-5 A	10	280 0	1@49	5	242 5	1@0	16QAM	22.77	0	22.77	189.2 4	2000	PASS
7A-5 A	10	280 0	50@0	5	242 5	25@ 0	16QAM	23.06	0	23.06	202.2 8	2000	PASS
7A-5 A	10	340 0	1@0	5	262 5	1@2 4	QPSK	23.44	0	23.44	220.8 1	2000	PASS
7A-5 A	10	340 0	1@49	5	262 5	1@0	QPSK	23.40	0	23.40	218.7 8	2000	PASS
7A-5 A	10	340 0	50@0	5	262 5	25@ 0	QPSK	23.24	0	23.24	210.9 0	2000	PASS
7A-5 A	10	340 0	1@0	5	262 5	1@2 4	16QAM	23.62	0	23.62	230.1 6	2000	PASS
7A-5 A	10	340 0	1@49	5	262 5	1@0	16QAM	23.54	0	23.54	225.9 6	2000	PASS
7A-5 A	10	340 0	50@0	5	262 5	25@ 0	16QAM	24.50	0	24.50	281.7 1	2000	PASS
7A-5 A	20	285 0	1@0	10	245 0	1@4 9	QPSK	23.39	0	23.39	218.2 6	2000	PASS
7A-5 A	20	285 0	1@99	10	245 0	1@0	QPSK	23.02	0	23.02	200.5 5	2000	PASS
7A-5 A	20	285 0	100@ 0	10	245 0	50@ 0	QPSK	23.32	0	23.32	214.8 6	2000	PASS
7A-5 A	20	285 0	1@0	10	245 0	1@4 9	16QAM	22.69	0	22.69	185.7 2	2000	PASS
7A-5 A	20	285 0	1@99	10	245 0	1@0	16QAM	22.27	0	22.27	168.7 3	2000	PASS
7A-5 A	20	285 0	100@ 0	10	245 0	50@ 0	16QAM	23.73	0	23.73	235.9 2	2000	PASS
7A-5	20	335	1@0	10	260	1@4	QPSK	22.46	0	22.46	176.2	2000	PASS

A		0			0	9					7		
7A-5	20	335	1@99	10	260	1@0	QPSK	22.57	0	22.57	180.7	2000	PASS
A		0			0						5		
7A-5	20	335	100@	10	260	50@	QPSK	22.50	0	22.50	177.8	2000	PASS
A		0	0		0	0					9		
7A-5	20	335	1@0	10	260	1@4	16QAM	22.01	0	22.01	158.8	2000	PASS
A		0			0	9					9		
7A-5	20	335	1@99	10	260	1@0	16QAM	22.09	0	22.09	161.8	2000	PASS
A		0			0						2		
7A-5	20	335	100@	10	260	50@	16QAM	22.51	0	22.51	178.3	2000	PASS
A		0	0		0	0					0		

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

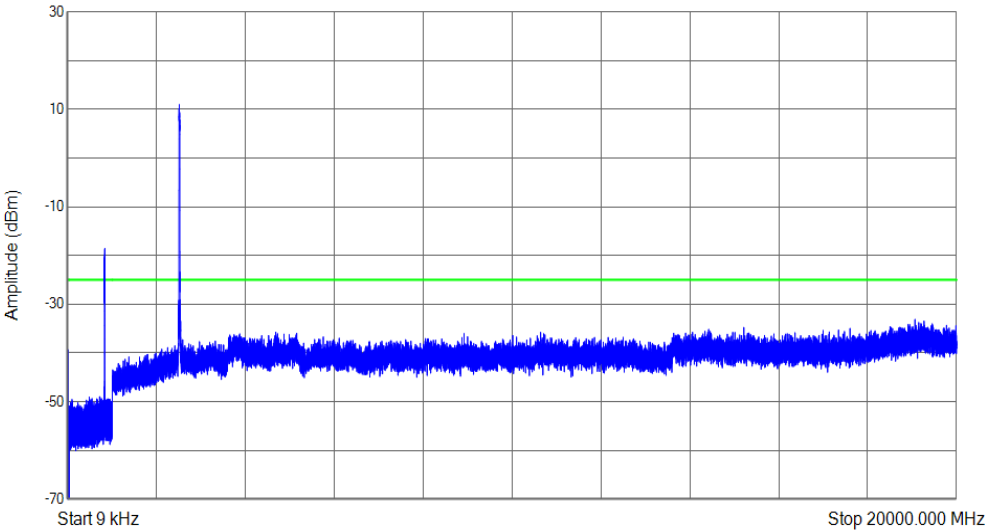
Band	PCC BW (MHz)	PCC Ch	PCC RB	SCC BW (MHz)	SCC Ch	SCC RB	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
7A-5A	10	2800	1@0	5	2425	1@24	QPSK	2451.60	-27.09	-25	PASS
7A-5A	10	2800	50@0	5	2425	25@0	QPSK	2452.23	-28.39	-25	PASS
7A-5A	10	2800	1@0	5	2425	1@24	16QAM	2452.87	-29.88	-25	PASS
7A-5A	10	2800	50@0	5	2425	25@0	16QAM	2437.67	-31.54	-25	PASS
7A-5A	10	3400	1@0	5	2625	1@24	QPSK	2436.40	-30.54	-25	PASS
7A-5A	10	3400	50@0	5	2625	25@0	QPSK	2436.40	-27.95	-25	PASS
7A-5A	10	3400	1@0	5	2625	1@24	16QAM	19406.57	-33.36	-25	PASS
7A-5A	10	3400	50@0	5	2625	25@0	16QAM	18900.53	-31.32	-25	PASS
7A-5A	20	2850	1@0	10	2450	1@49	QPSK	19789.10	-33.46	-25	PASS
7A-5A	20	2850	100@0	10	2450	50@0	QPSK	18362.20	-32.49	-25	PASS
7A-5A	20	2850	1@0	10	2450	1@49	16QAM	19191.23	-33.12	-25	PASS
7A-5A	20	2850	100@0	10	2450	50@0	16QAM	19064.57	-33.12	-25	PASS
7A-5A	20	3350	1@0	10	2600	1@49	QPSK	18988.57	-32.64	-25	PASS
7A-5A	20	3350	100@0	10	2600	50@0	QPSK	18966.40	-33.58	-25	PASS
7A-5A	20	3350	1@0	10	2600	1@49	16QAM	19107.00	-32.78	-25	PASS
7A-5A	20	3350	100@0	10	2600	50@0	16QAM	19438.23	-33.34	-25	PASS

7A-5A 16QAM PCC BW=20MHz Ch=2850 RB=1@0,SCC BW=10MHz Ch=2450 RB=1@49



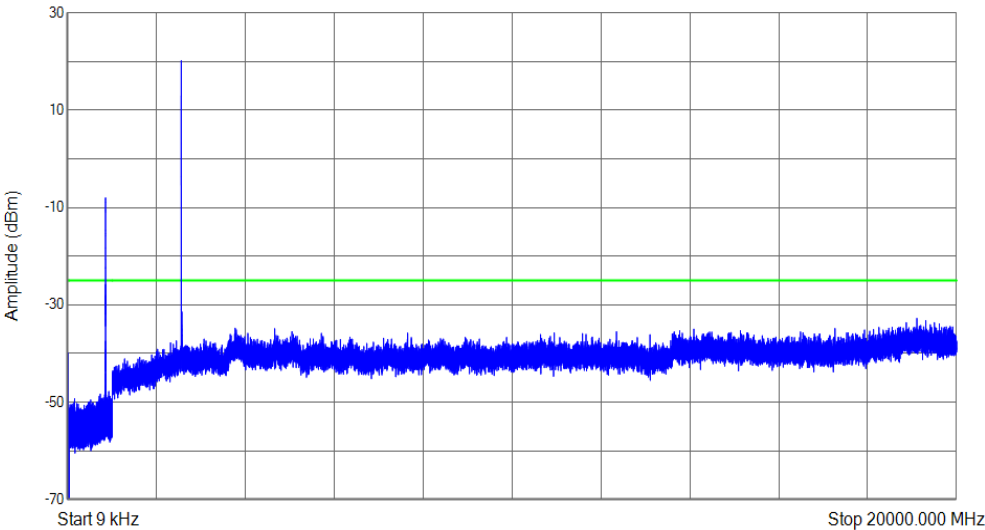
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-38.98	-25
2	0.15	30	10	3.38	-49.37	-25
3	30	1000	100	776.48	-48.63	-25
4	1000	20000	1000	19191.23	-33.12	-25

7A-5A 16QAM PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=10MHz Ch=2450 RB=50@0



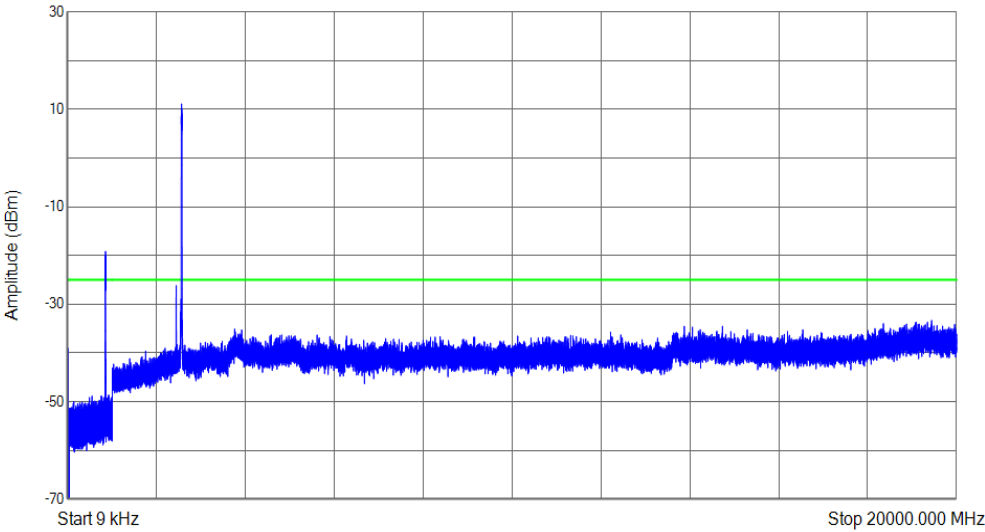
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.37	-25
2	0.15	30	10	5.17	-48.58	-25
3	30	1000	100	714.08	-48.98	-25
4	1000	20000	1000	19064.57	-33.12	-25

7A-5A 16QAM PCC BW=20MHz Ch=3350 RB=1@0,SCC BW=10MHz Ch=2600 RB=1@49



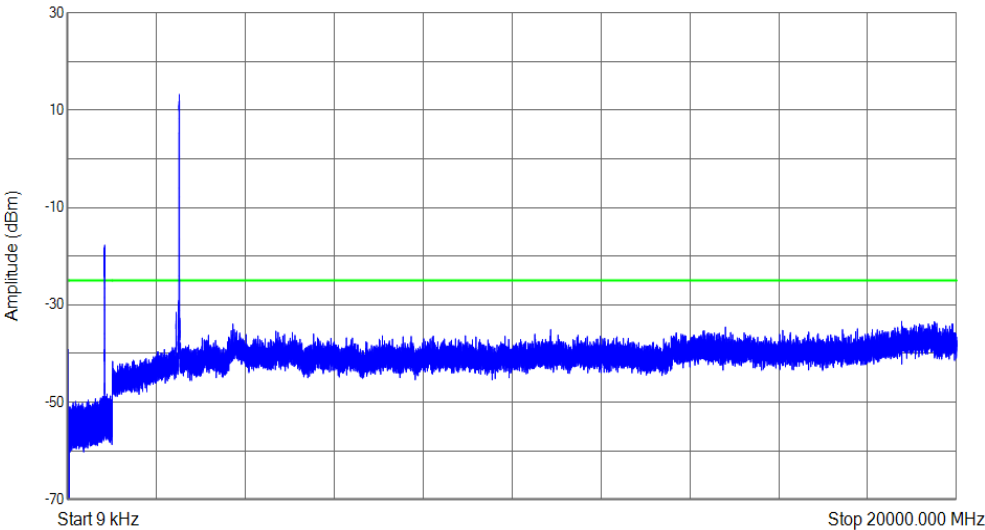
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.84	-25
2	0.15	30	10	3.25	-47.81	-25
3	30	1000	100	921.92	-47.81	-25
4	1000	20000	1000	19107	-32.78	-25

7A-5A 16QAM PCC BW=20MHz Ch=3350 RB=100@0,SCC BW=10MHz Ch=2600 RB=50@0



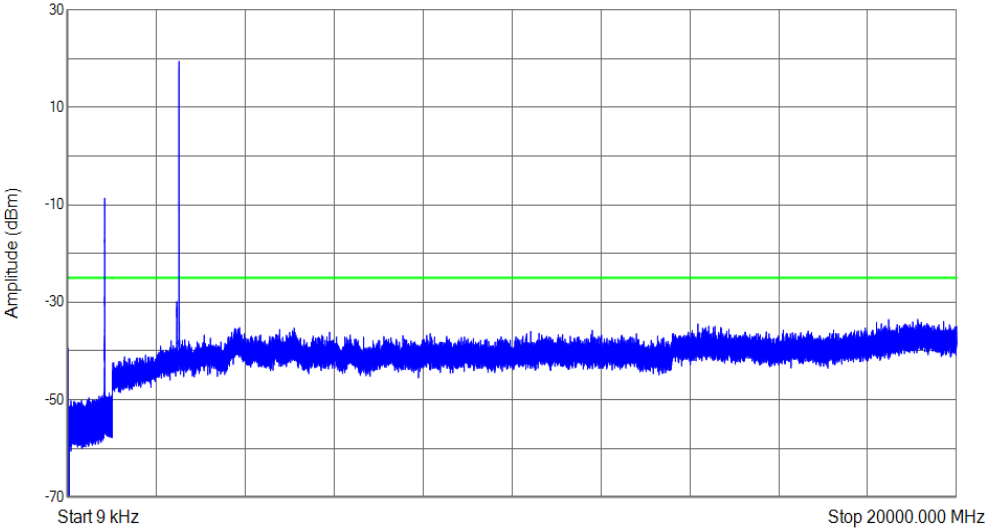
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.11	-25
2	0.15	30	10	3.27	-47.36	-25
3	30	1000	100	916.81	-48.65	-25
4	1000	20000	1000	19438.23	-33.34	-25

7A-5A 16QAM PCC BW=10MHz Ch=2800 RB=50@0,SCC BW=5MHz Ch=2425 RB=25@0



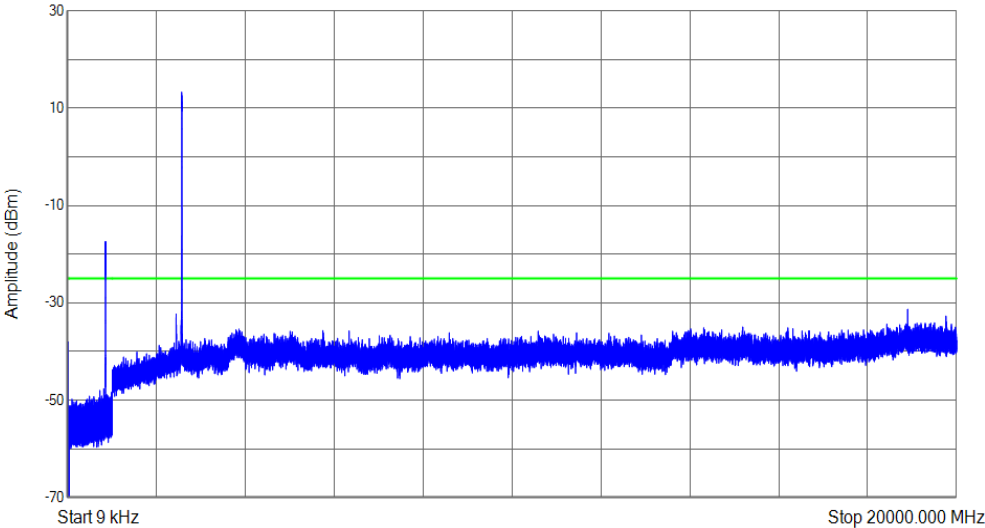
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.2	-25
2	0.15	30	10	3.35	-48.17	-25
3	30	1000	100	881.27	-48.34	-25
4	1000	20000	1000	2437.67	-31.54	-25

7A-5A 16QAM PCC BW=10MHz Ch=2800 RB=1@0,SCC BW=5MHz Ch=2425 RB=1@24



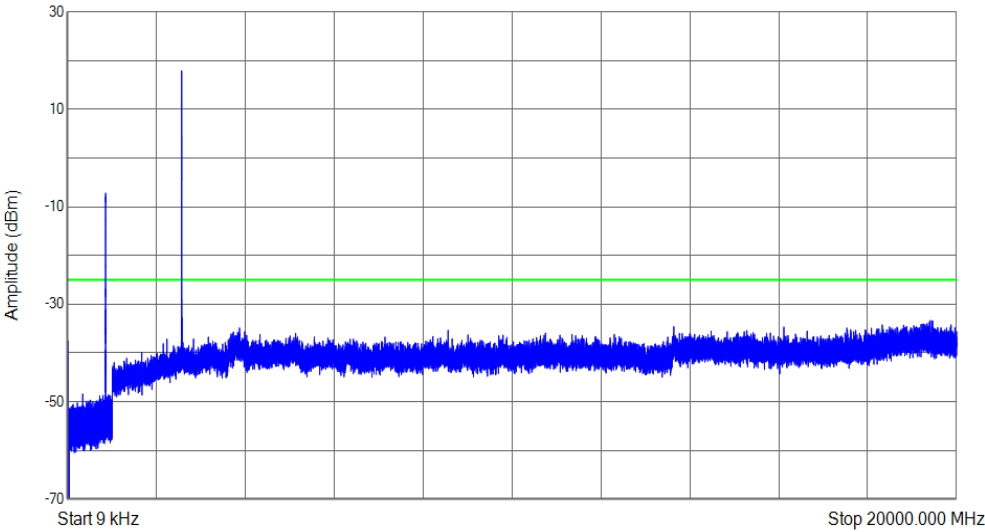
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.51	-25
2	0.15	30	10	3.3	-47.75	-25
3	30	1000	100	929.58	-48.67	-25
4	1000	20000	1000	2452.87	-29.88	-25

7A-5A 16QAM PCC BW=10MHz Ch=3400 RB=50@0,SCC BW=5MHz Ch=2625 RB=25@0



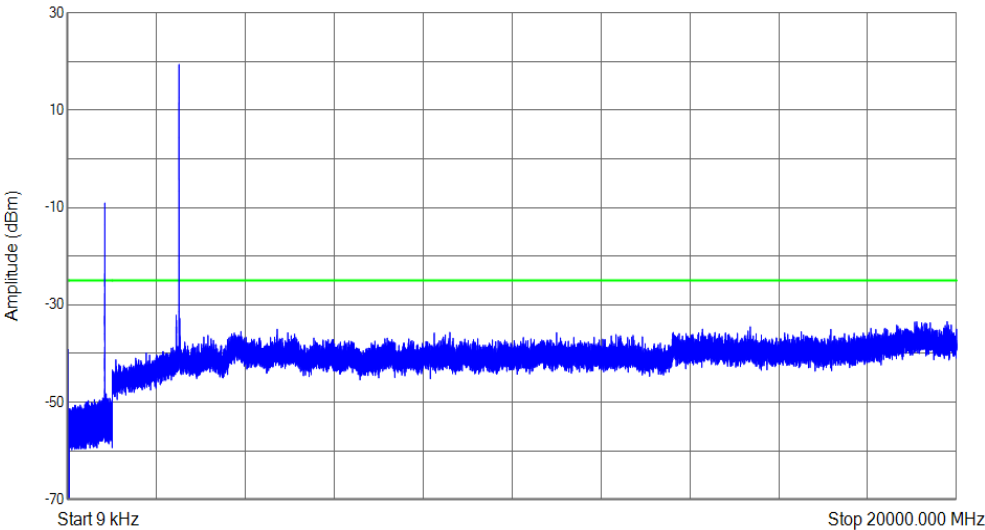
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.08	-25
2	0.15	30	10	4.36	-48.13	-25
3	30	1000	100	719.12	-48.02	-25
4	1000	20000	1000	18900.53	-31.32	-25

7A-5A 16QAM PCC BW=10MHz Ch=3400 RB=1@0,SCC BW=5MHz Ch=2625 RB=1@24



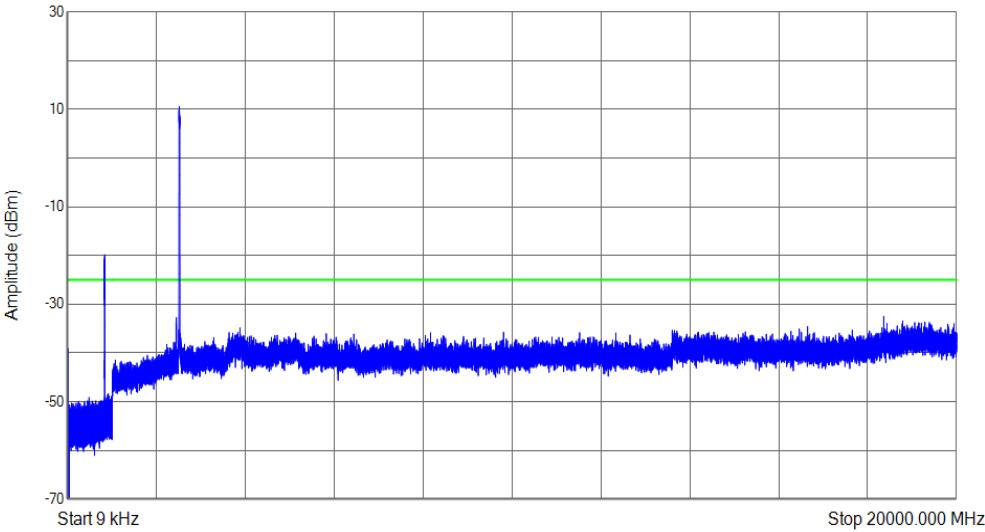
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-37.59	-25
2	0.15	30	10	3.53	-48.91	-25
3	30	1000	100	335.36	-48.43	-25
4	1000	20000	1000	19406.57	-33.36	-25

7A-5A QPSK PCC BW=20MHz Ch=2850 RB=1@0,SCC BW=10MHz Ch=2450 RB=1@49



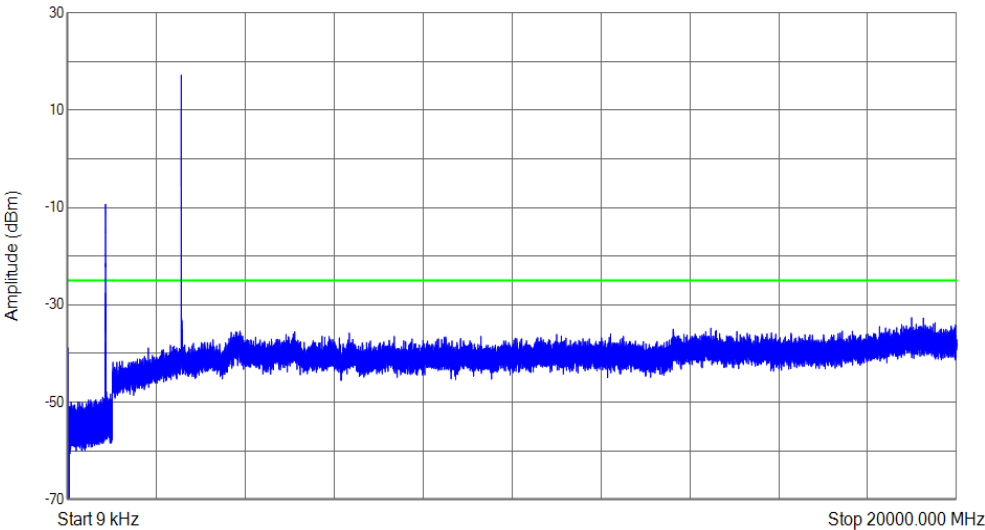
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.17	-25
2	0.15	30	10	3.22	-48.83	-25
3	30	1000	100	941.32	-49.19	-25
4	1000	20000	1000	19789.1	-33.46	-25

7A-5A QPSK PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=10MHz Ch=2450 RB=50@0



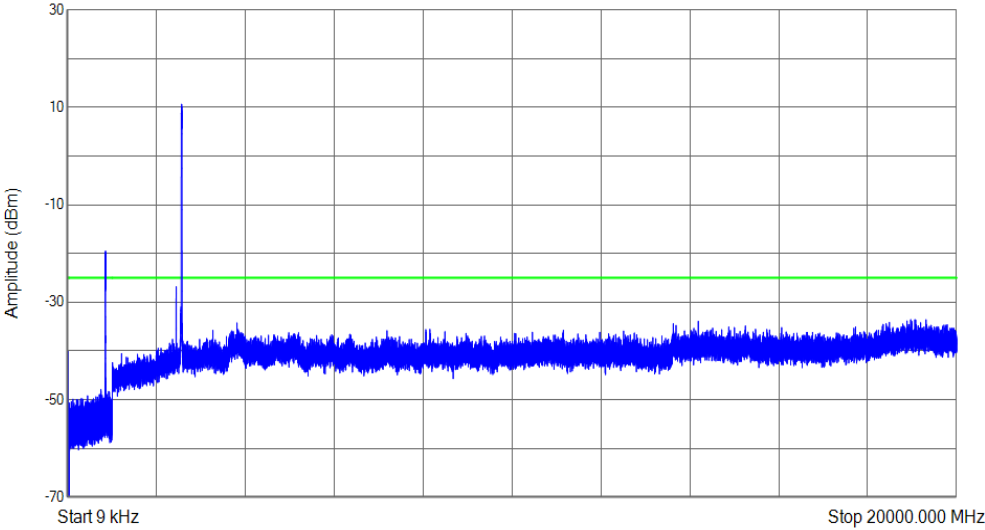
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-39.13	-25
2	0.15	30	10	3.25	-48.66	-25
3	30	1000	100	908.59	-48.36	-25
4	1000	20000	1000	18362.2	-32.49	-25

7A-5A QPSK PCC BW=20MHz Ch=3350 RB=1@0,SCC BW=10MHz Ch=2600 RB=1@49



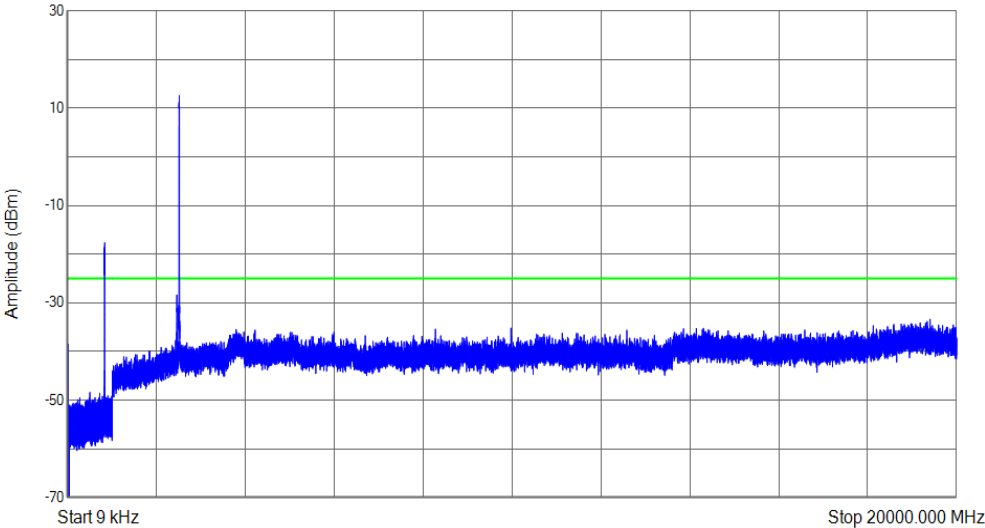
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.89	-25
2	0.15	30	10	5.47	-48.51	-25
3	30	1000	100	962.04	-48.31	-25
4	1000	20000	1000	18988.57	-32.64	-25

7A-5A QPSK PCC BW=20MHz Ch=3350 RB=100@0,SCC BW=10MHz Ch=2600 RB=50@0



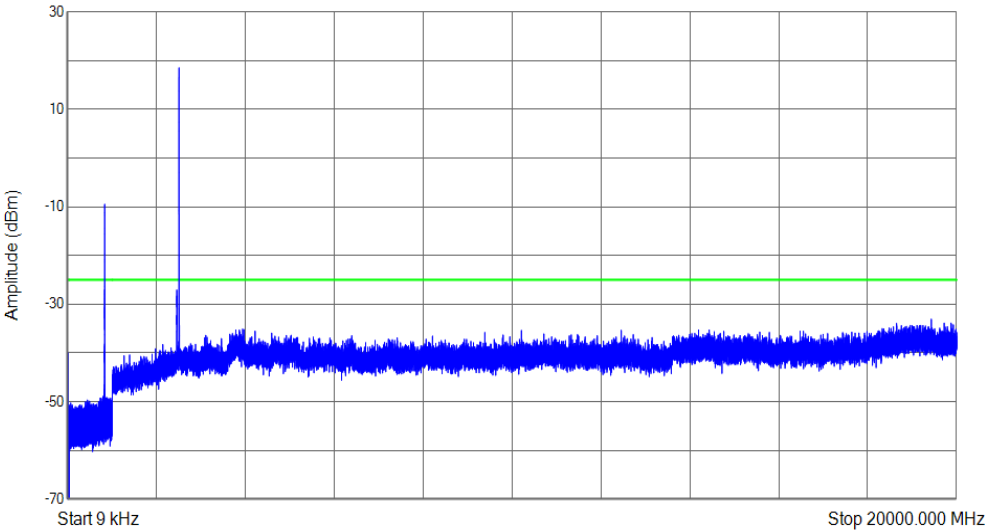
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.02	-40.18	-25
2	0.15	30	10	3.4	-47.77	-25
3	30	1000	100	744.86	-47.93	-25
4	1000	20000	1000	18966.4	-33.58	-25

7A-5A QPSK PCC BW=10MHz Ch=2800 RB=50@0,SCC BW=5MHz Ch=2425 RB=25@0



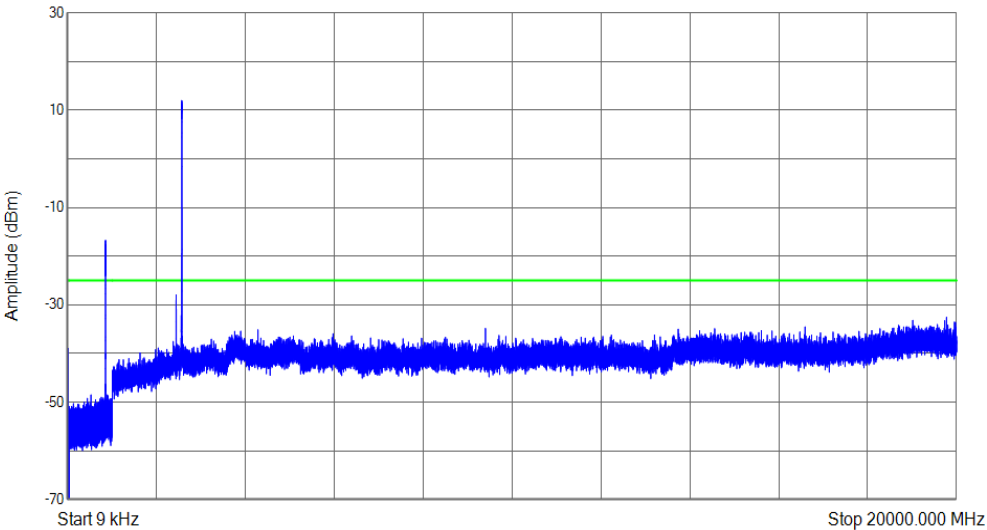
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-38.47	-25
2	0.15	30	10	3.35	-47.73	-25
3	30	1000	100	495.18	-48.42	-25
4	1000	20000	1000	2452.23	-28.39	-25

7A-5A QPSK PCC BW=10MHz Ch=2800 RB=1@0,SCC BW=5MHz Ch=2425 RB=1@24



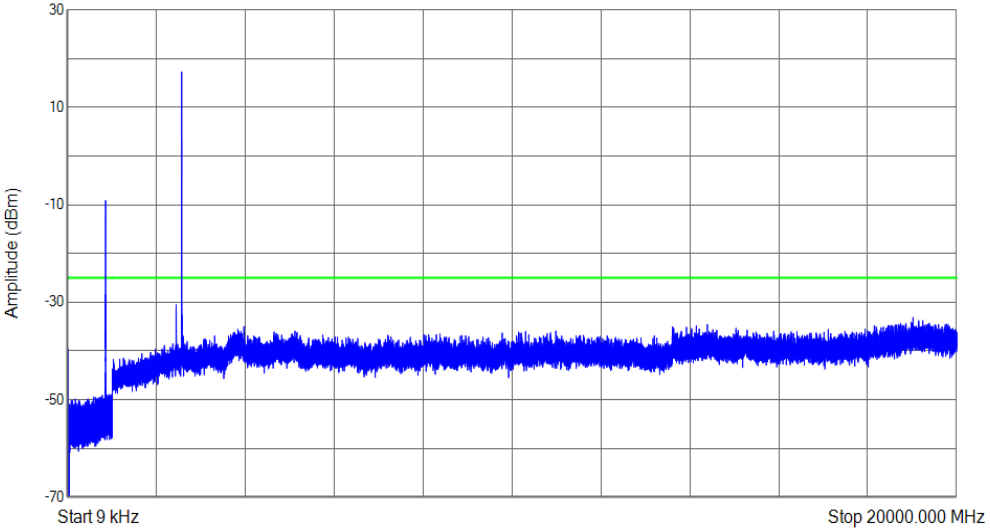
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01	-40.04	-25
2	0.15	30	10	3.37	-48.29	-25
3	30	1000	100	788.54	-48.94	-25
4	1000	20000	1000	2451.6	-27.09	-25

7A-5A QPSK PCC BW=10MHz Ch=3400 RB=50@0,SCC BW=5MHz Ch=2625 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	-39.02	-25
2	0.15	30	10	4.24	-48.61	-25
3	30	1000	100	520.69	-48.5	-25
4	1000	20000	1000	2436.4	-27.95	-25

7A-5A QPSK PCC BW=10MHz Ch=3400 RB=1@0,SCC BW=5MHz Ch=2625 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	-39.68	-25
2	0.15	30	10	4.85	-48.95	-25
3	30	1000	100	927.06	-48.92	-25
4	1000	20000	1000	2436.4	-30.54	-25