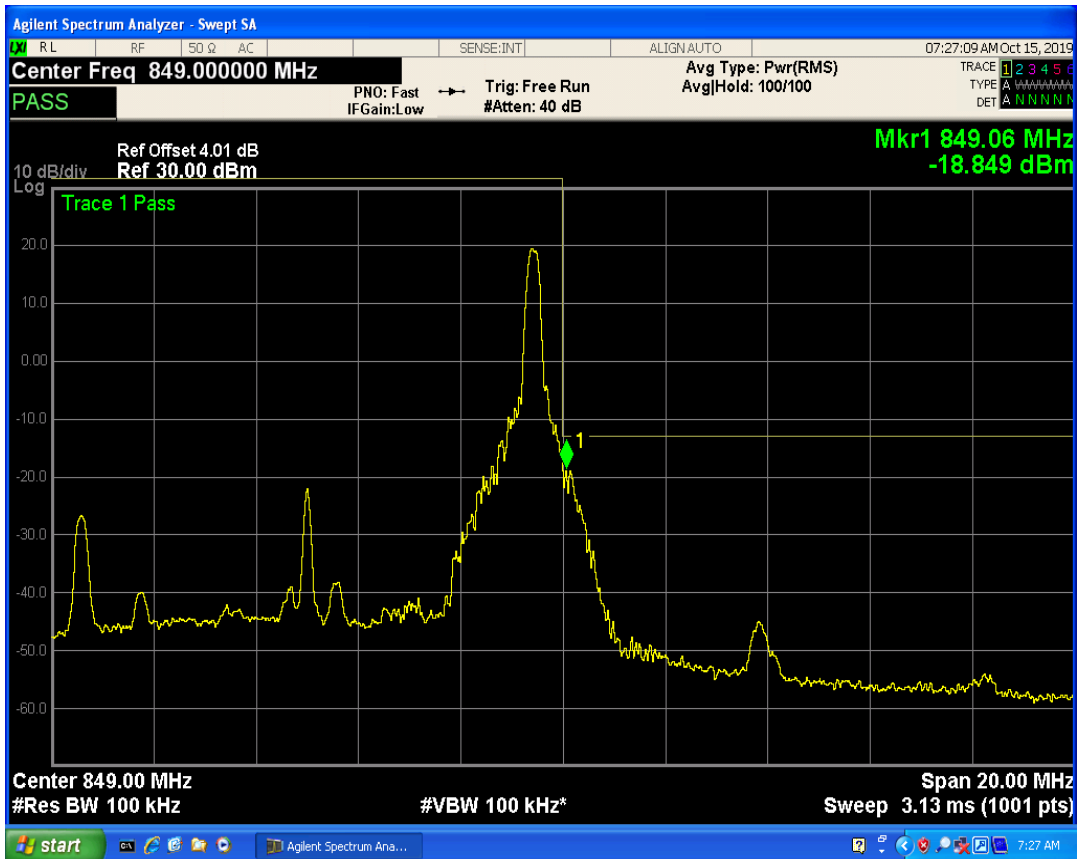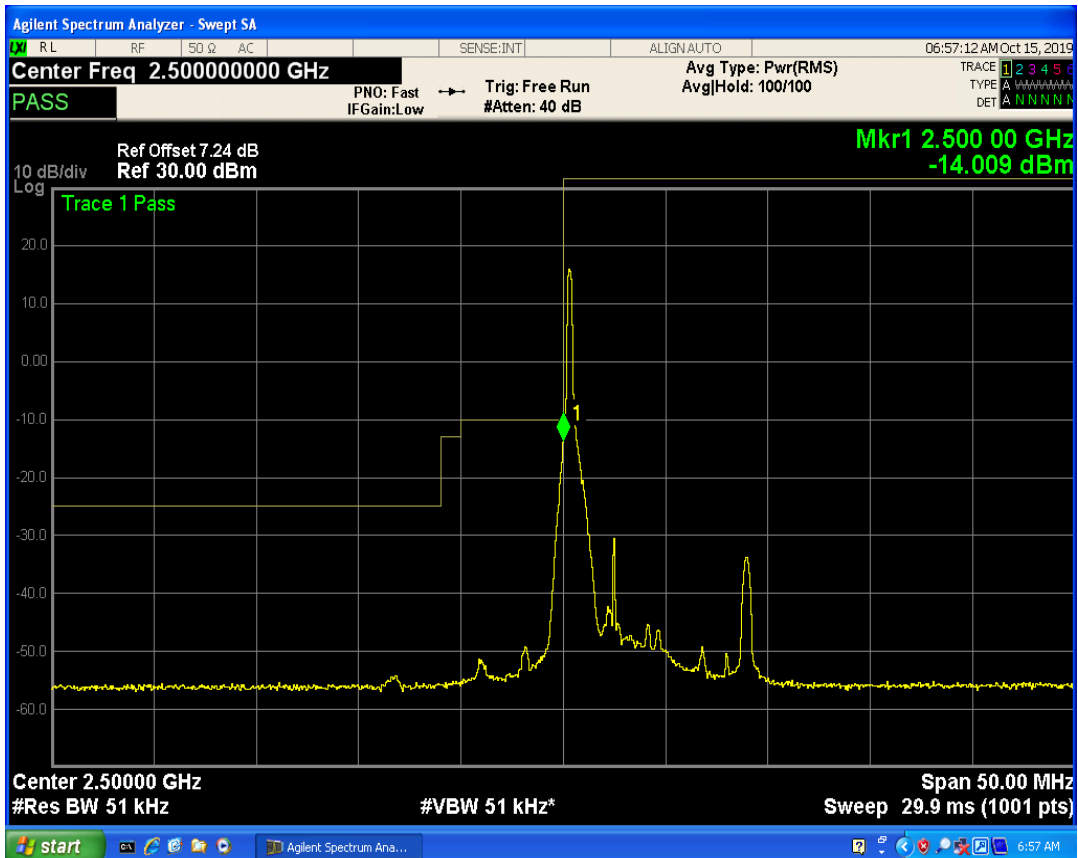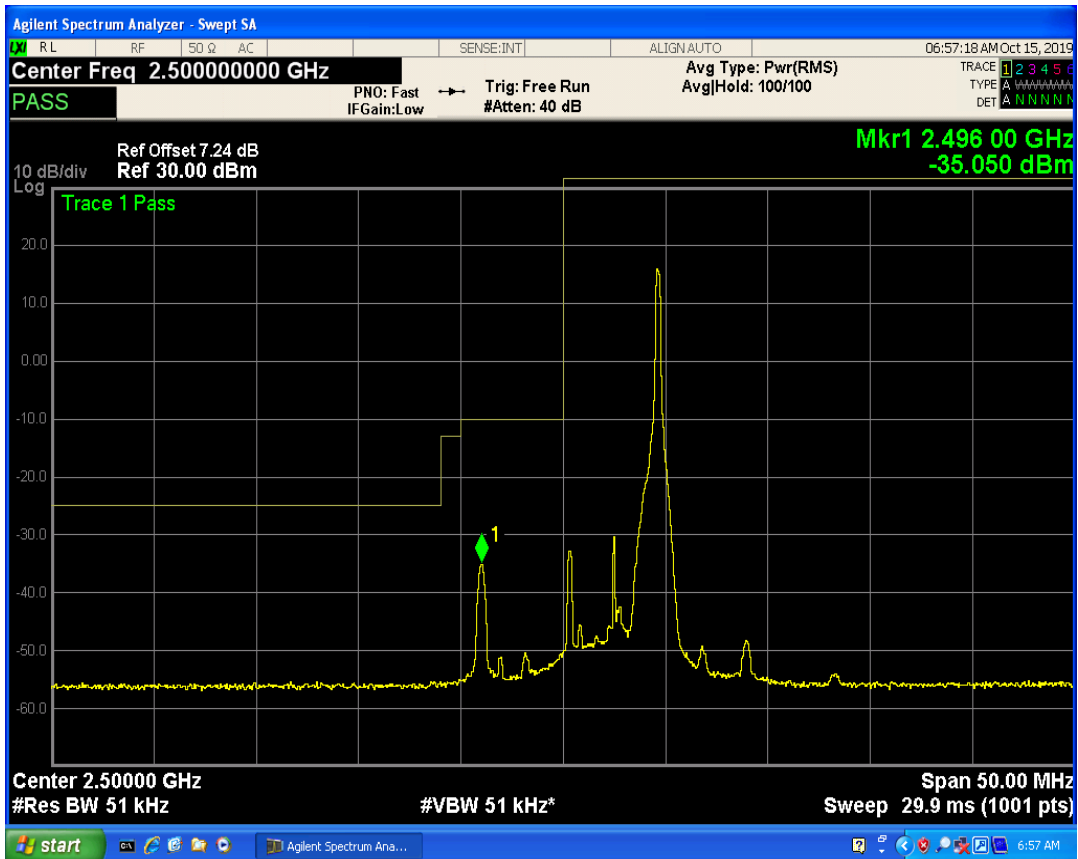LTE Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#Max
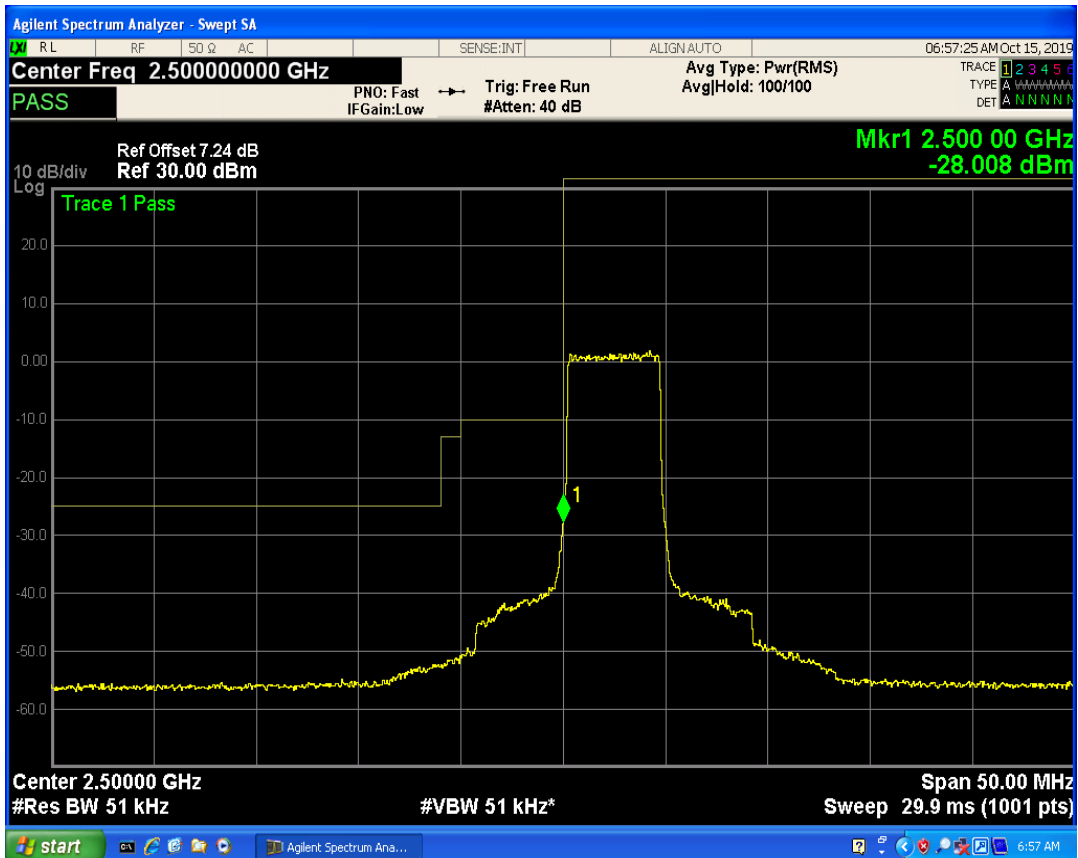

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LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max

LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0

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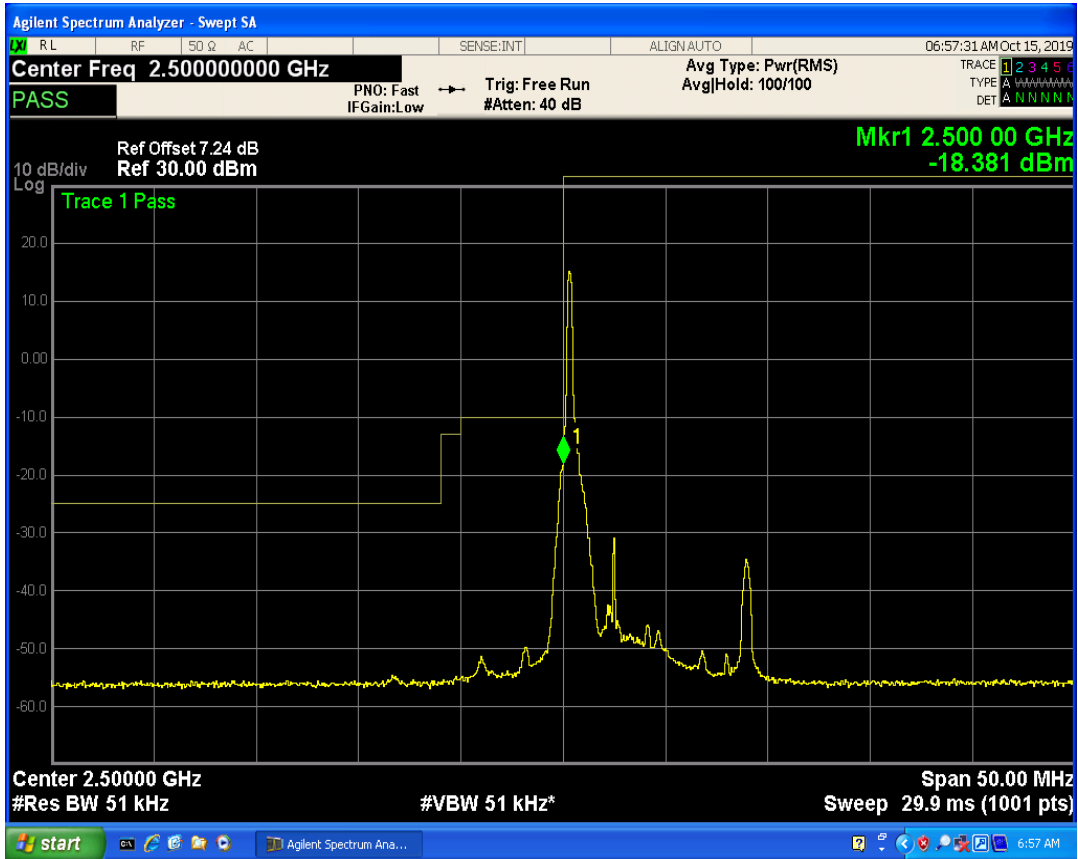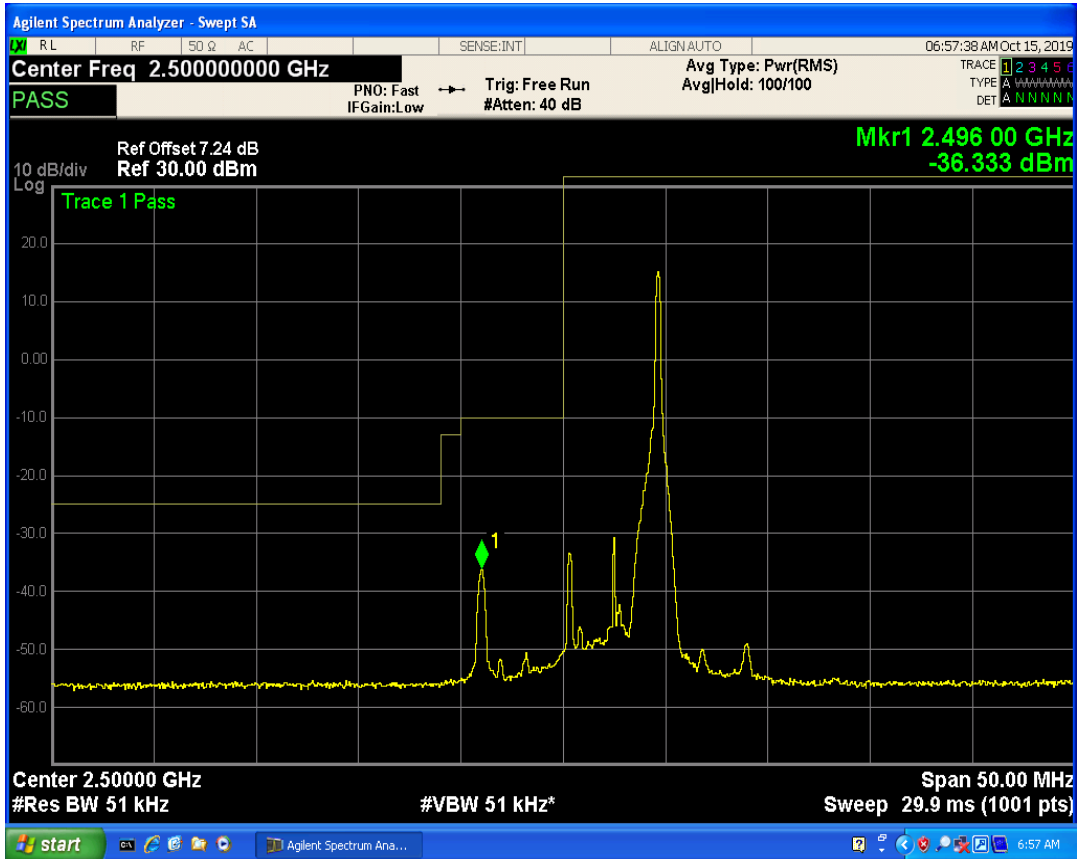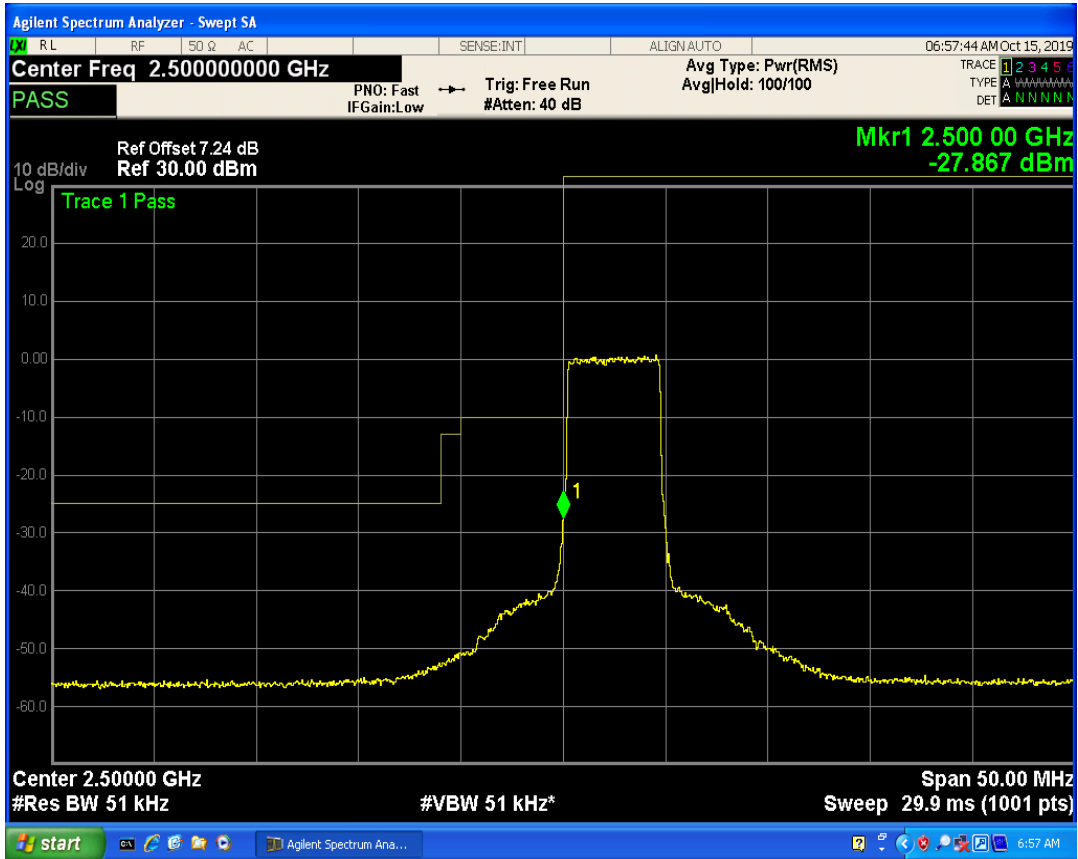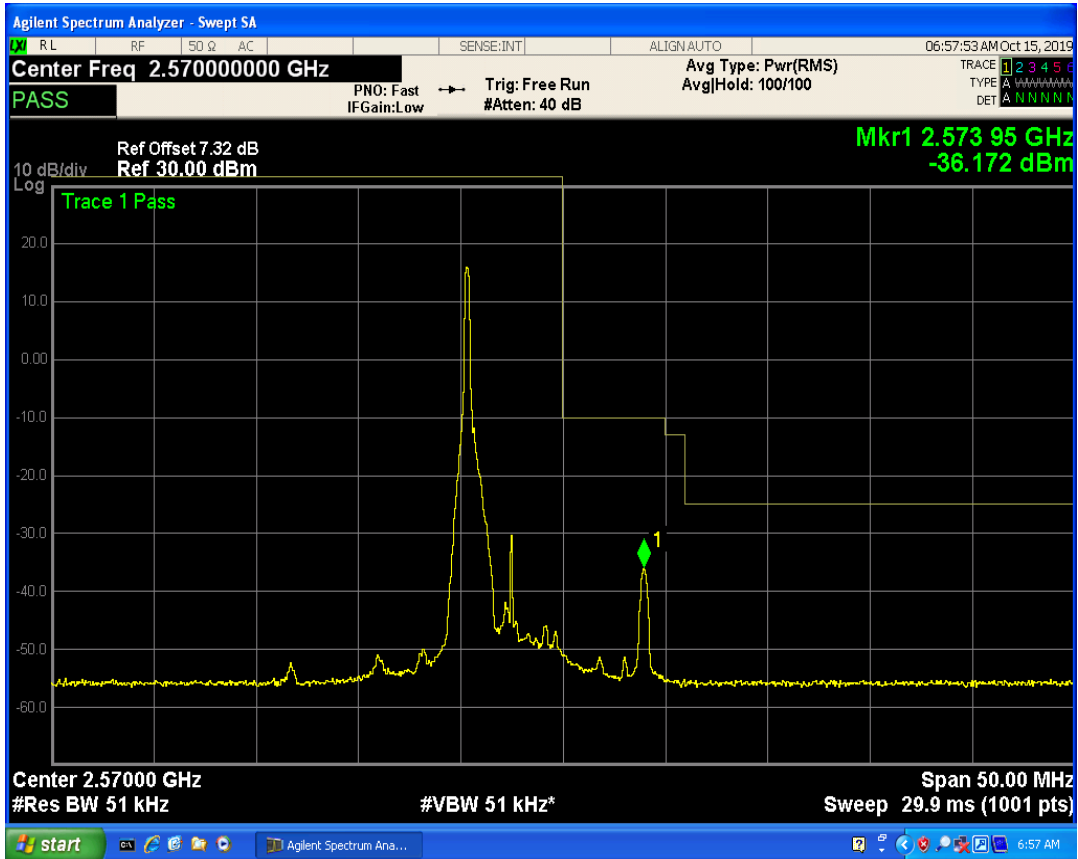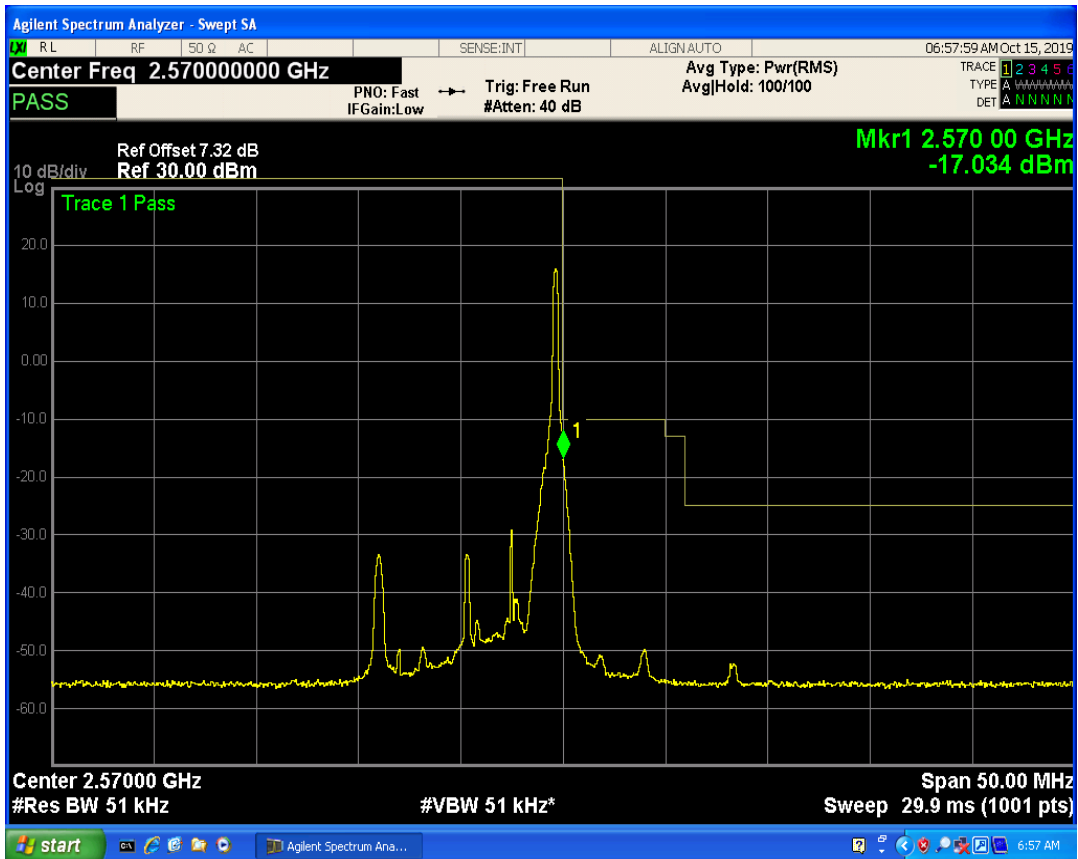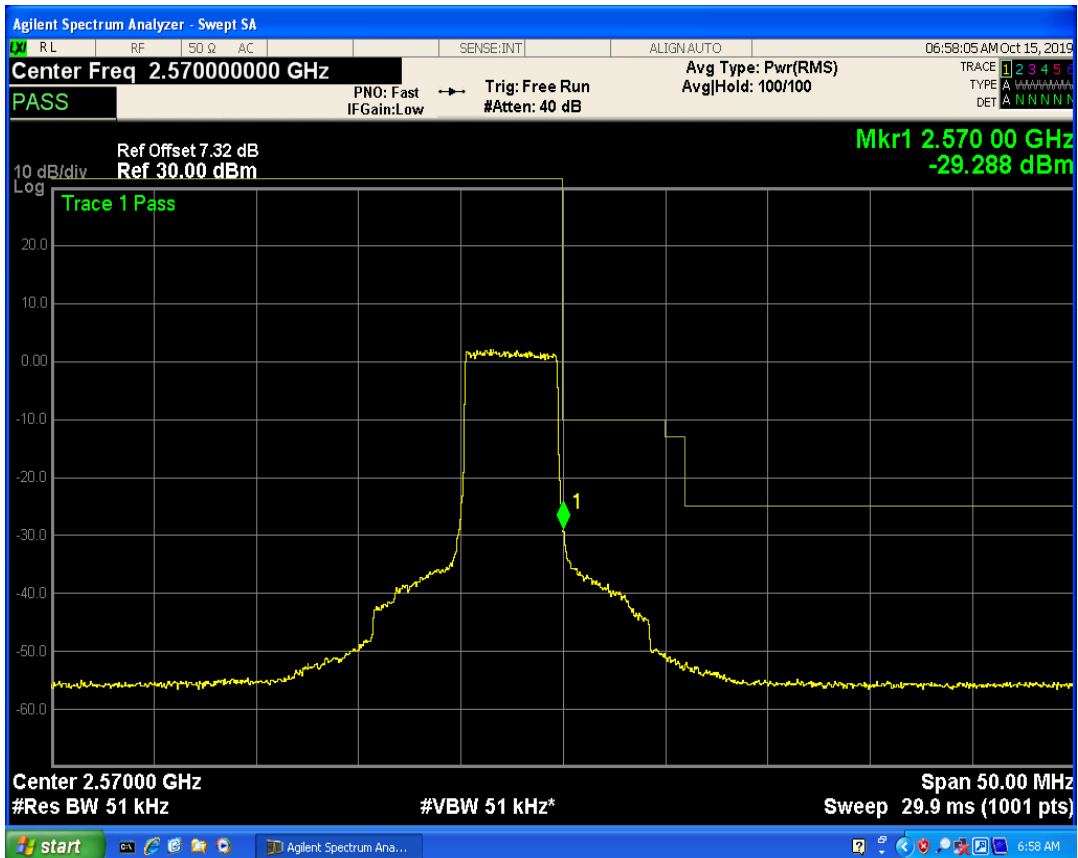LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0
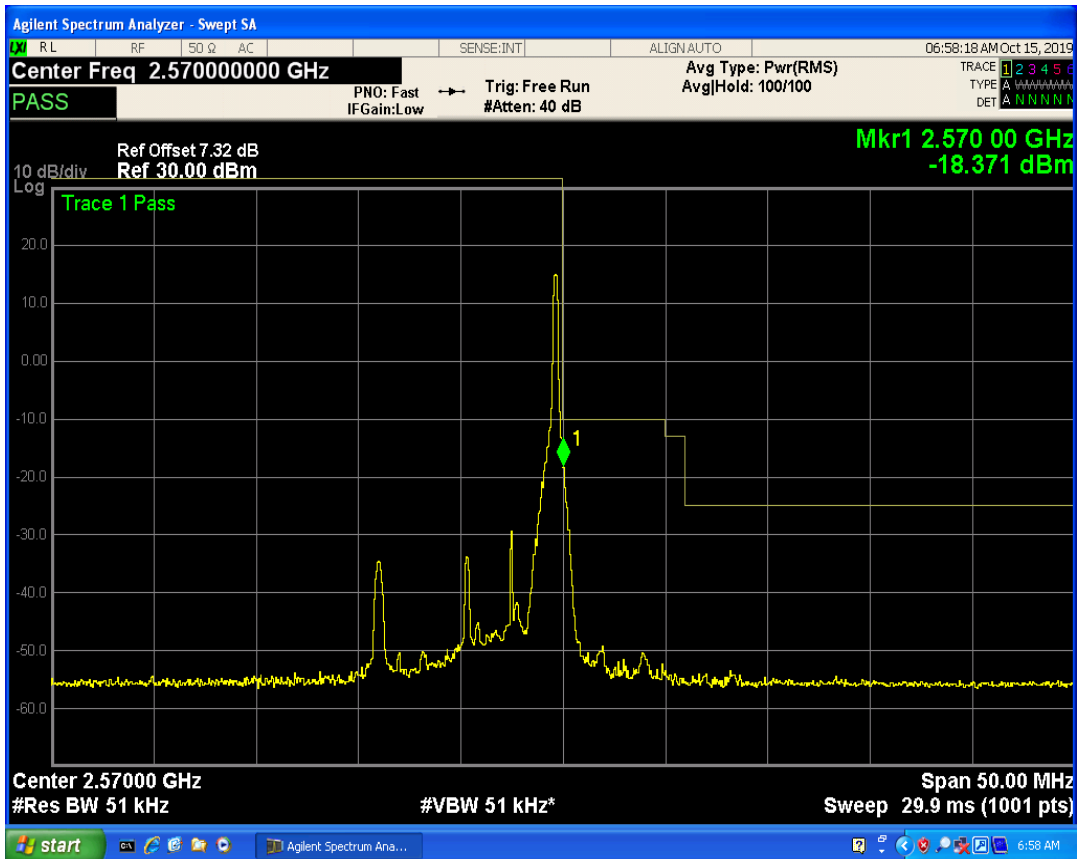
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LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0

LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#Max

LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#0

LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0

LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0

LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0

LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#Max

LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#0

LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#Max

LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0

LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0

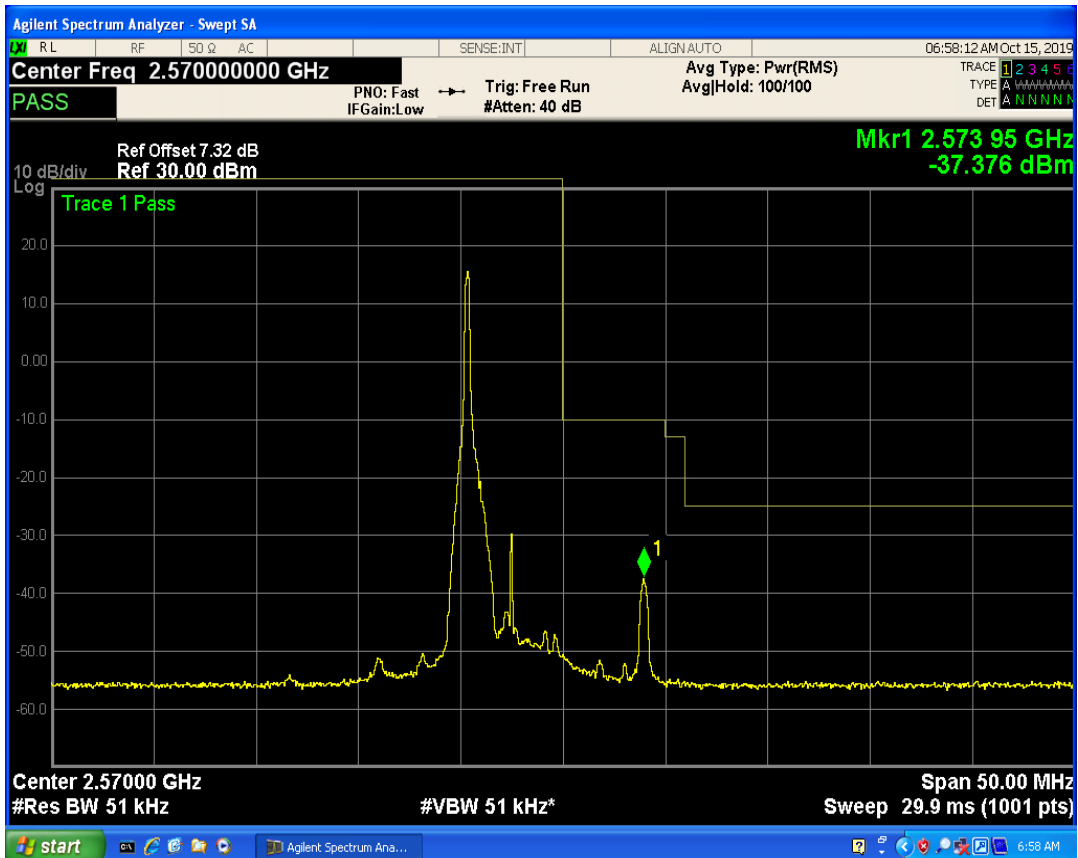LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max

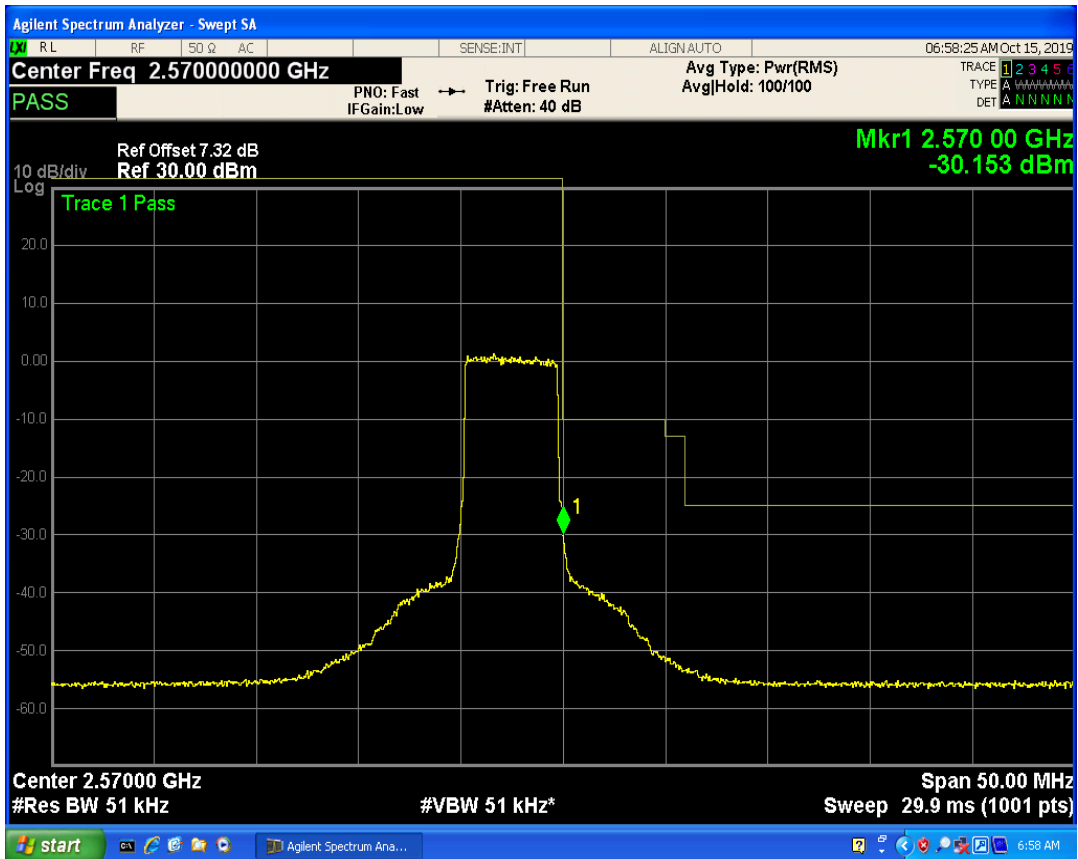LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

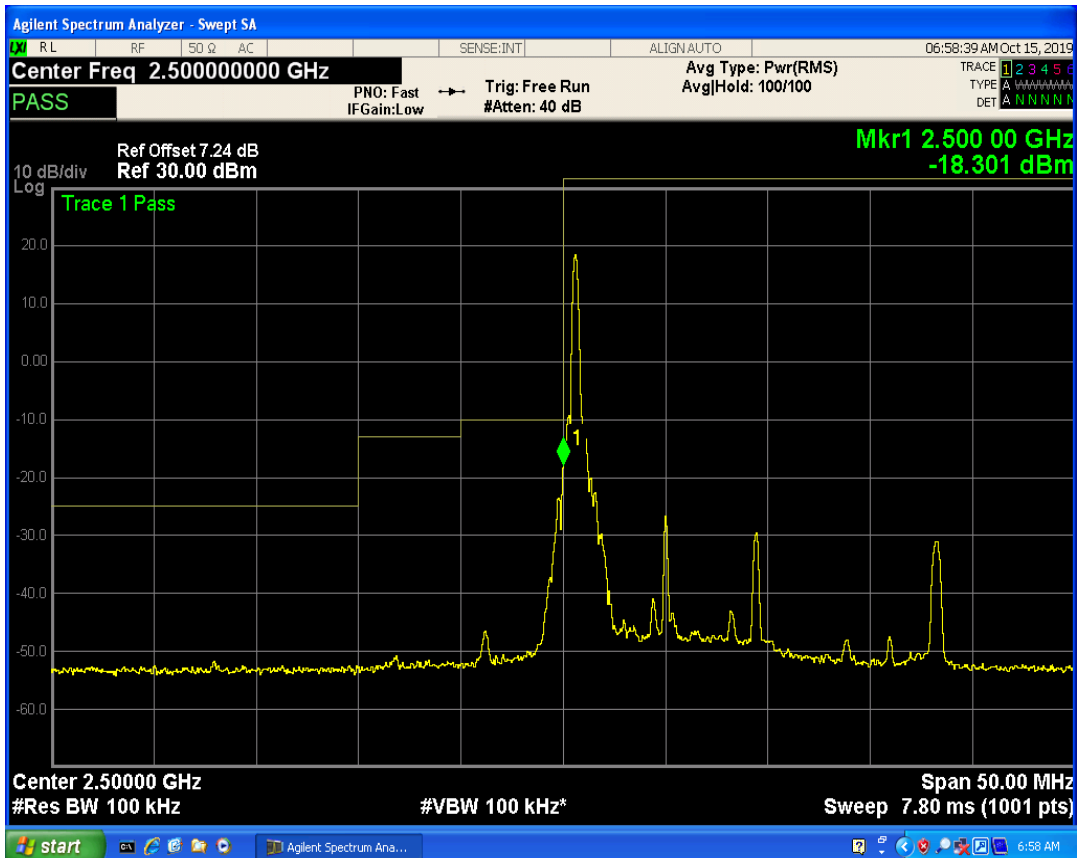LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#0

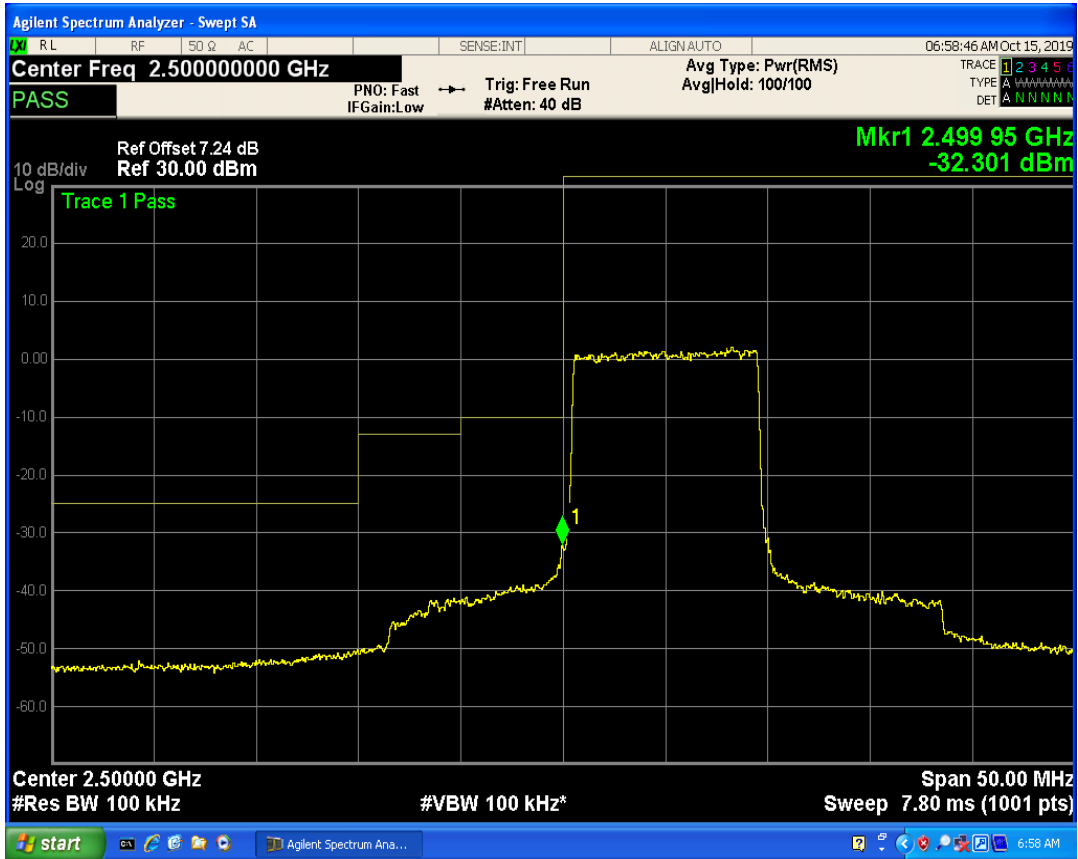LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#Max

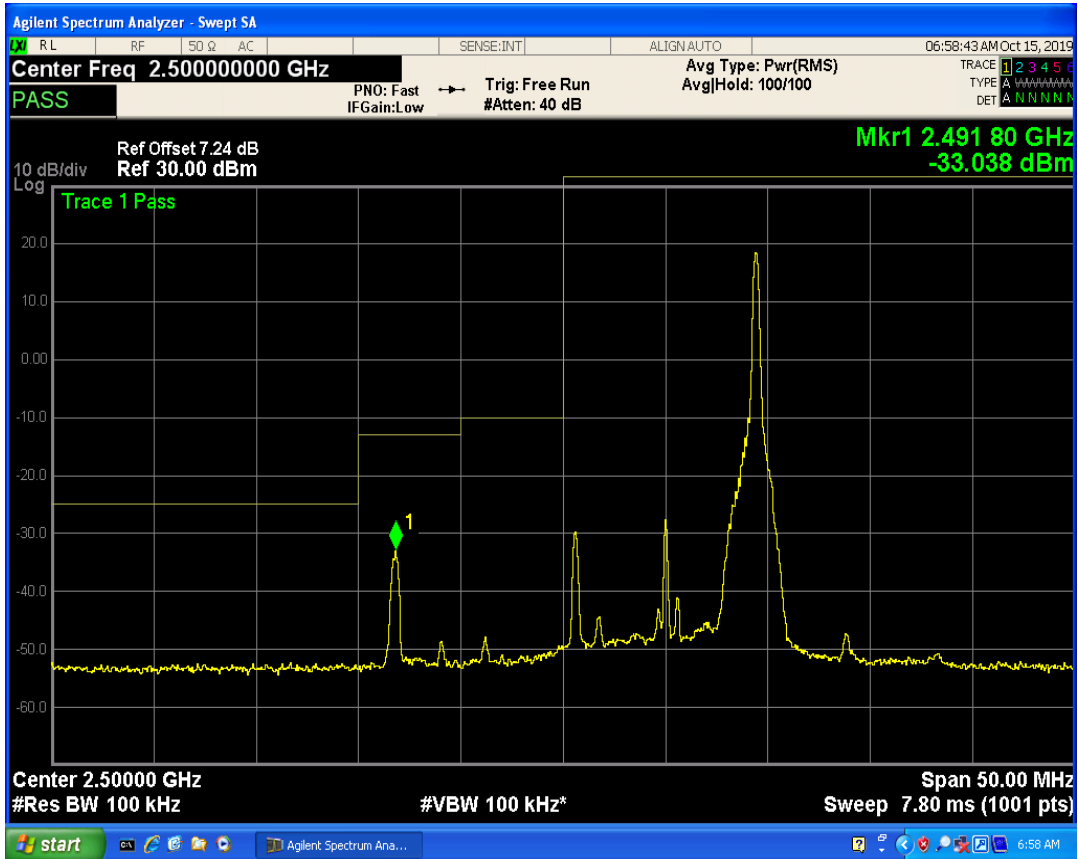LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0

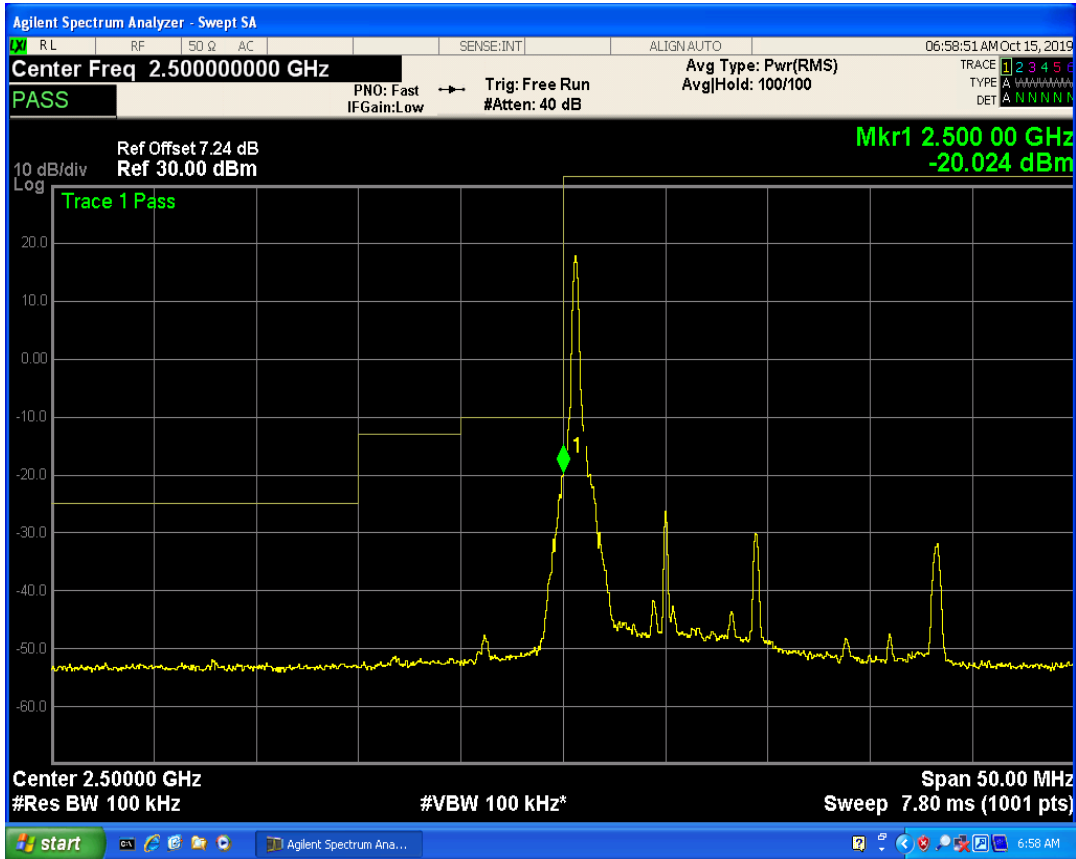LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0

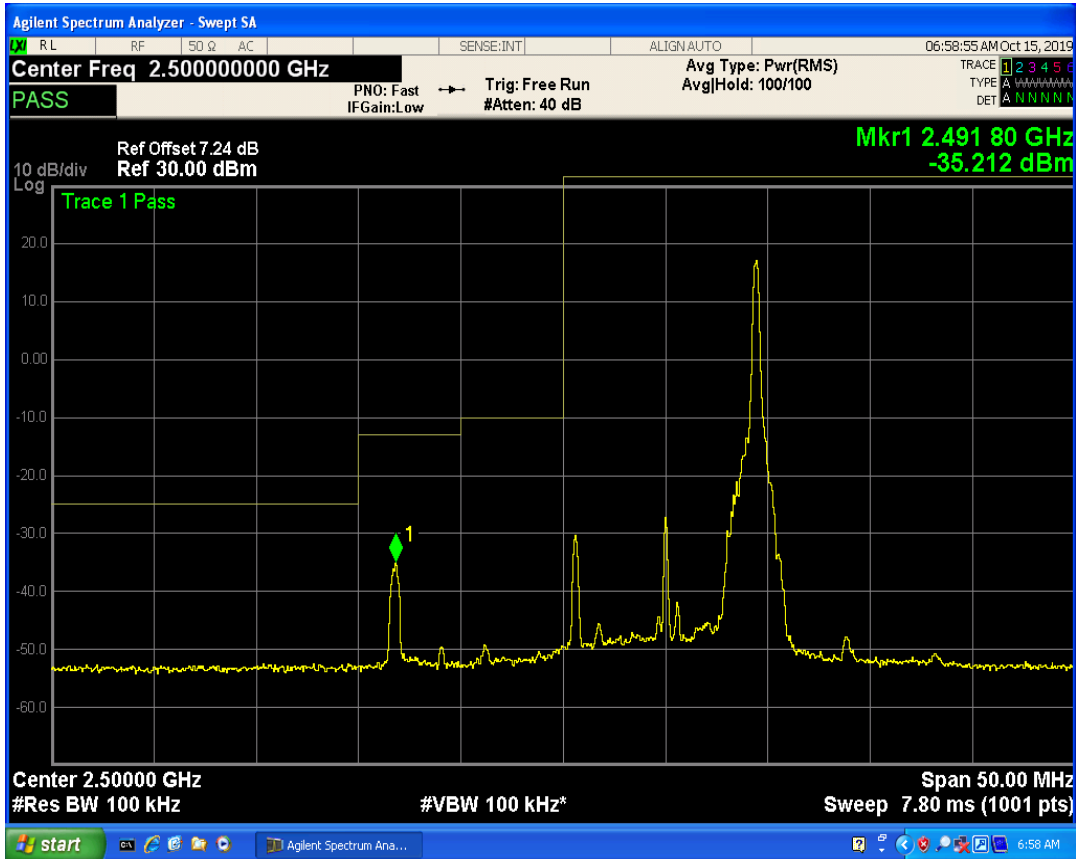LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0

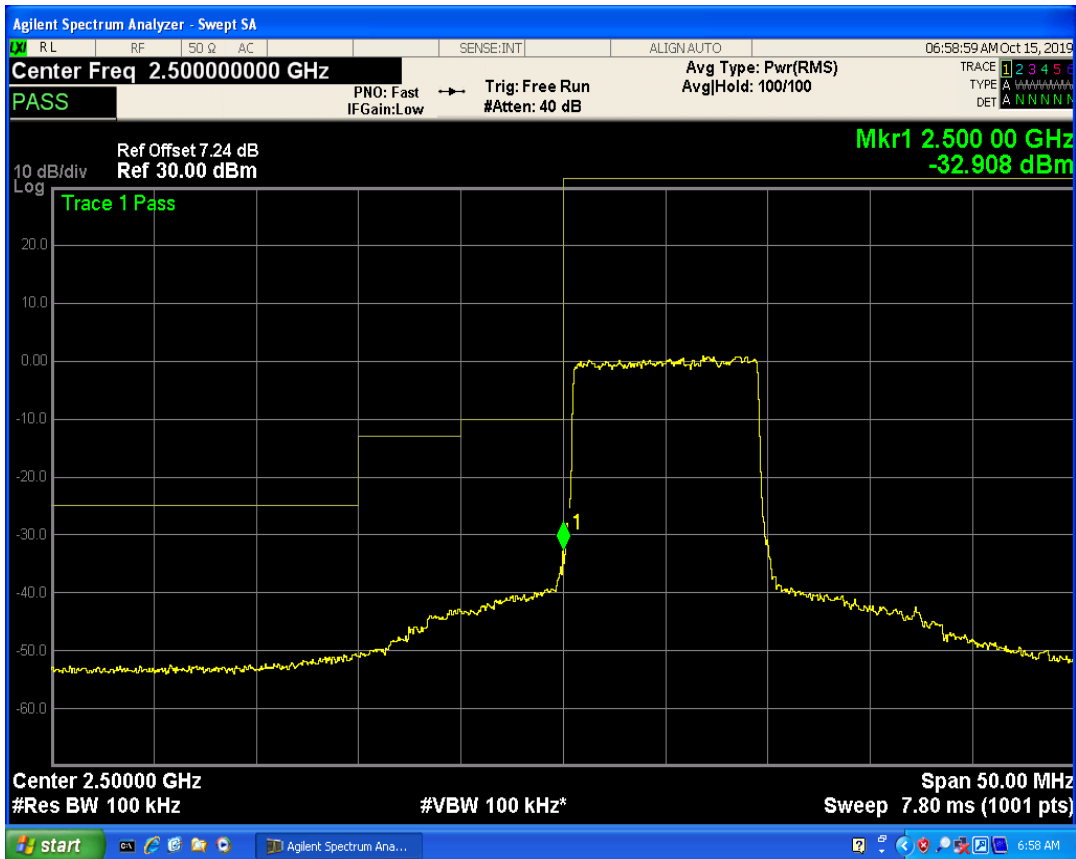LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#Max

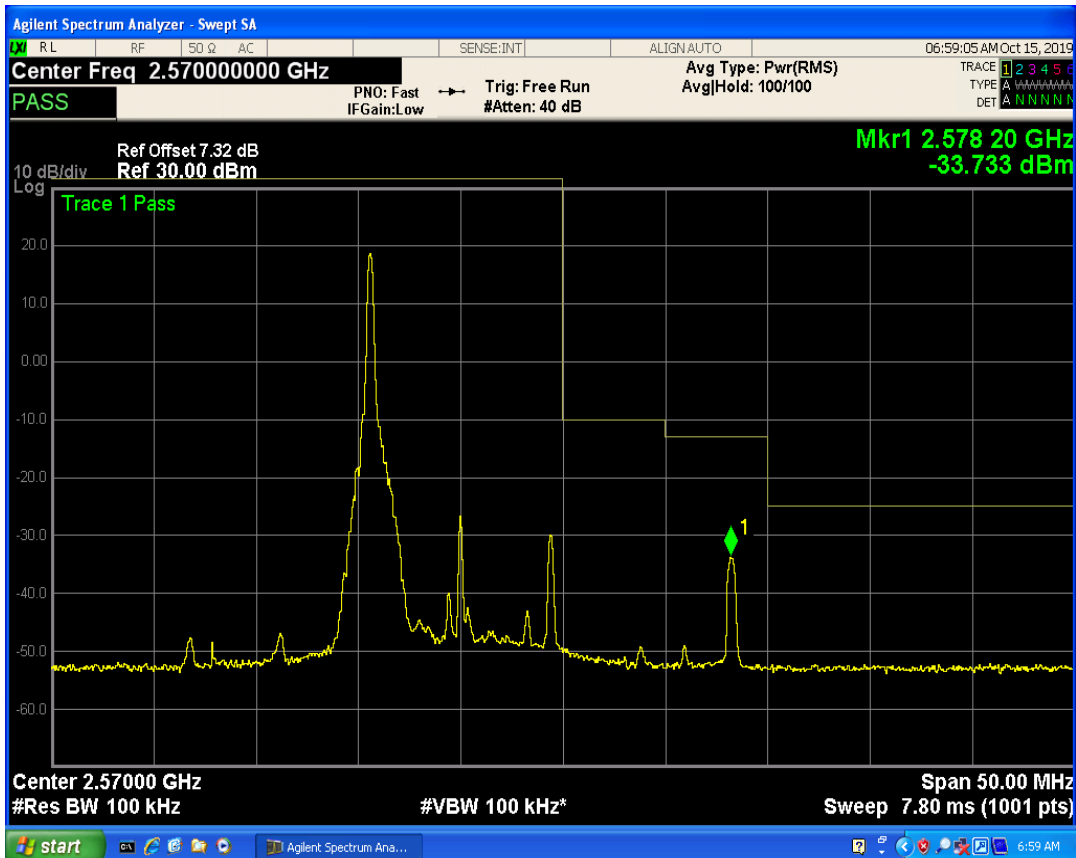LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#0

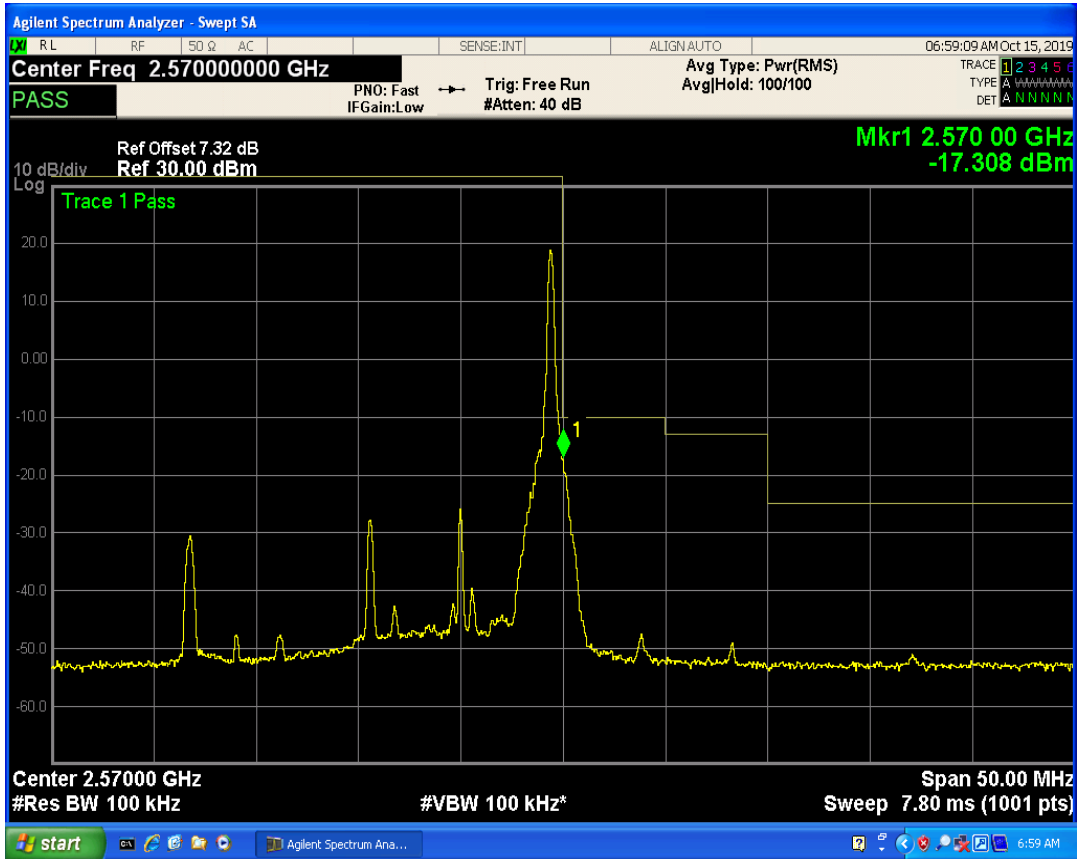LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#Max

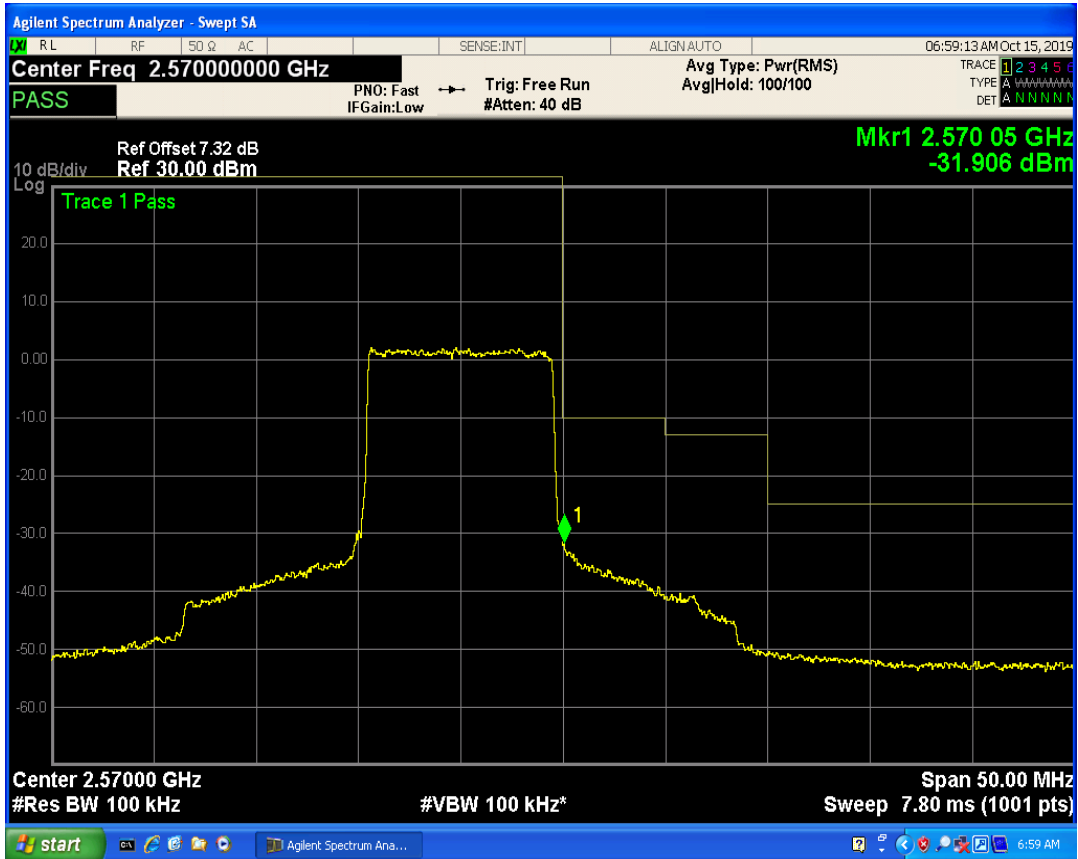LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0

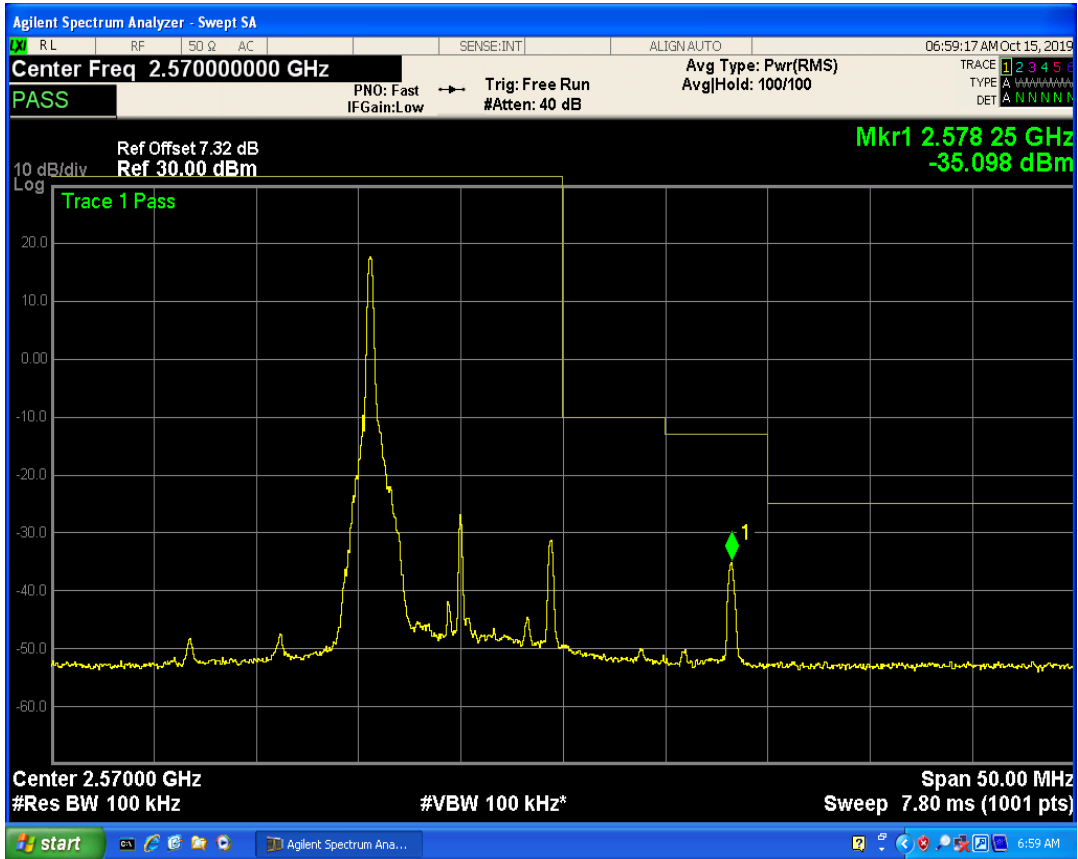LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0

LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#Max

LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0

LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#0

LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#Max

LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0

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LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max
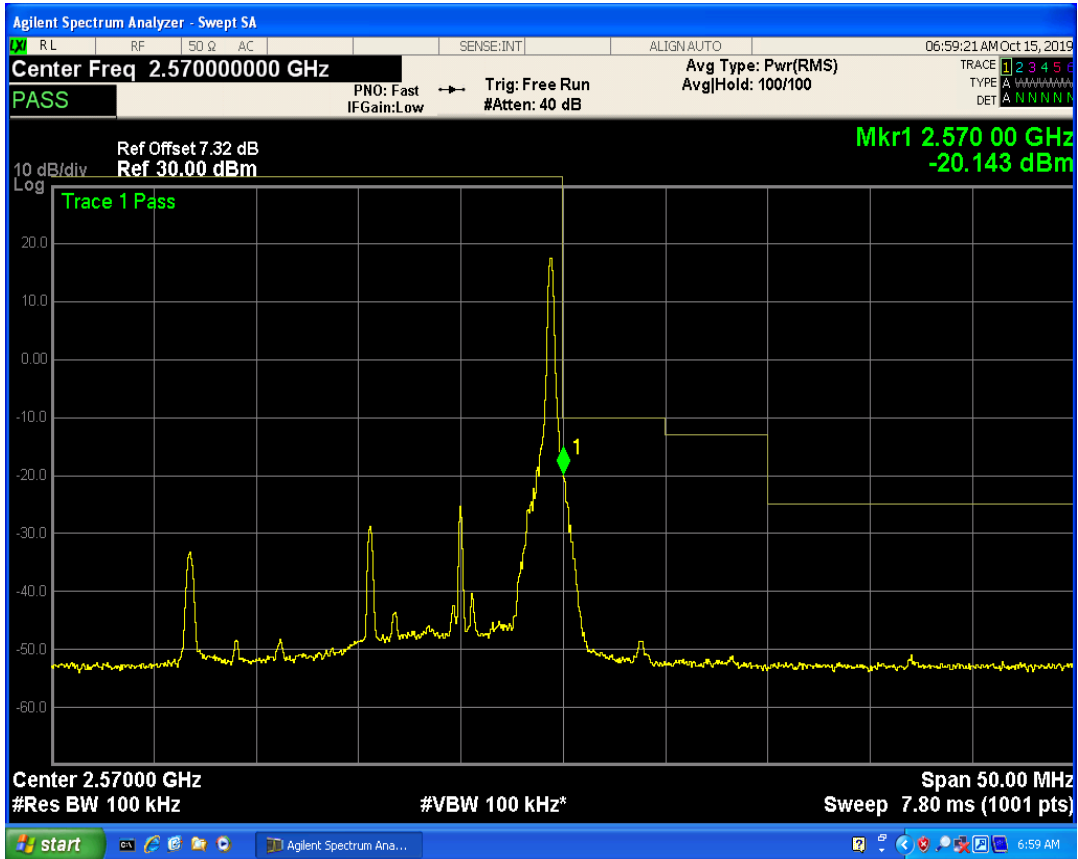

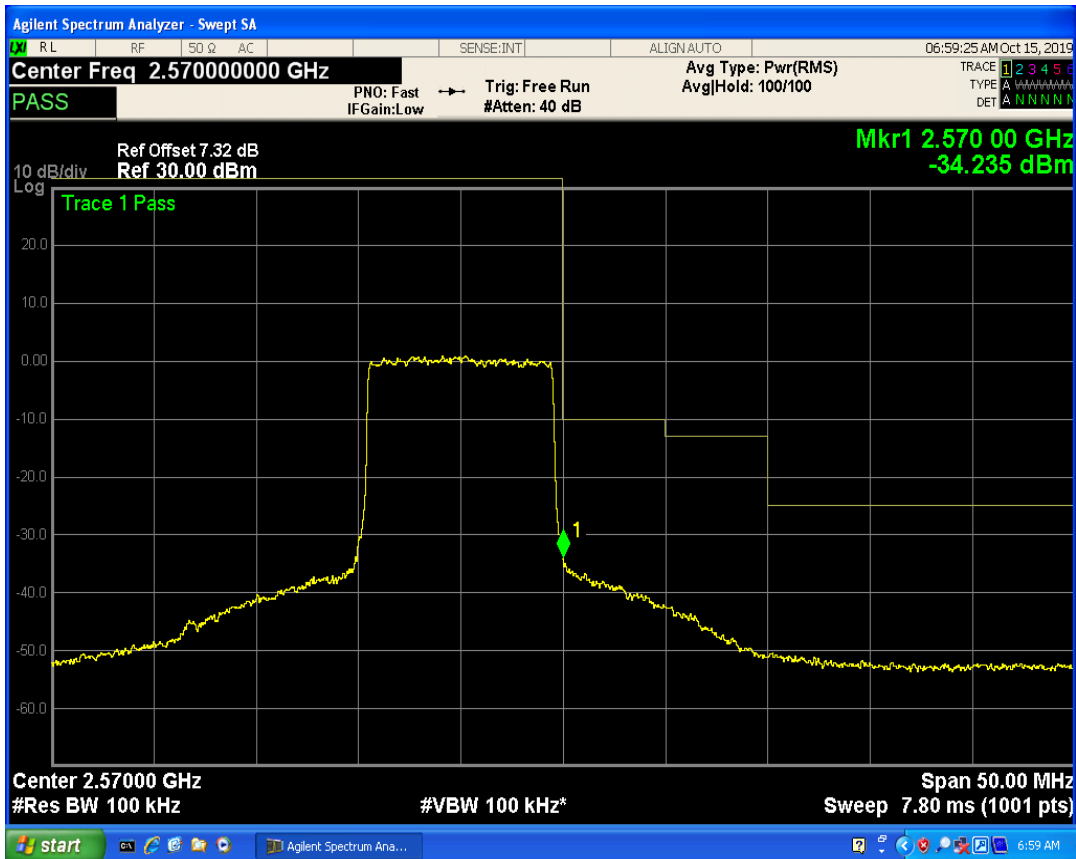LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0

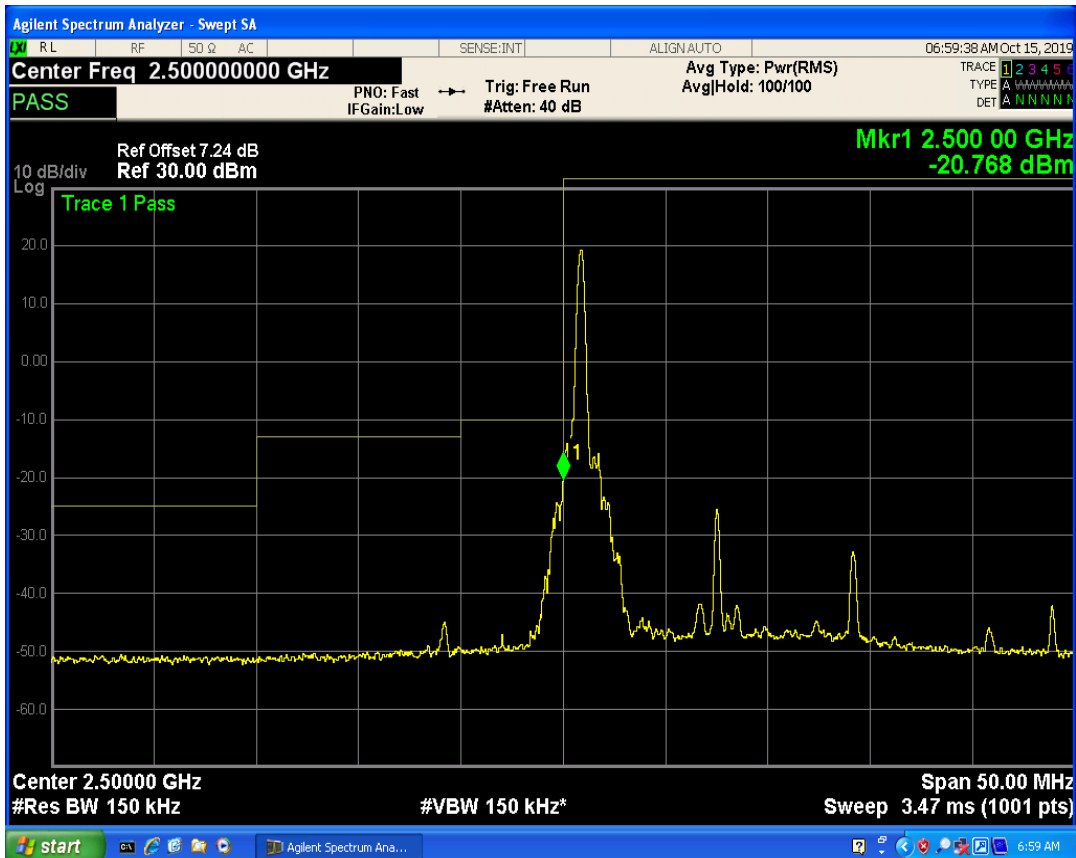LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#0

LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0

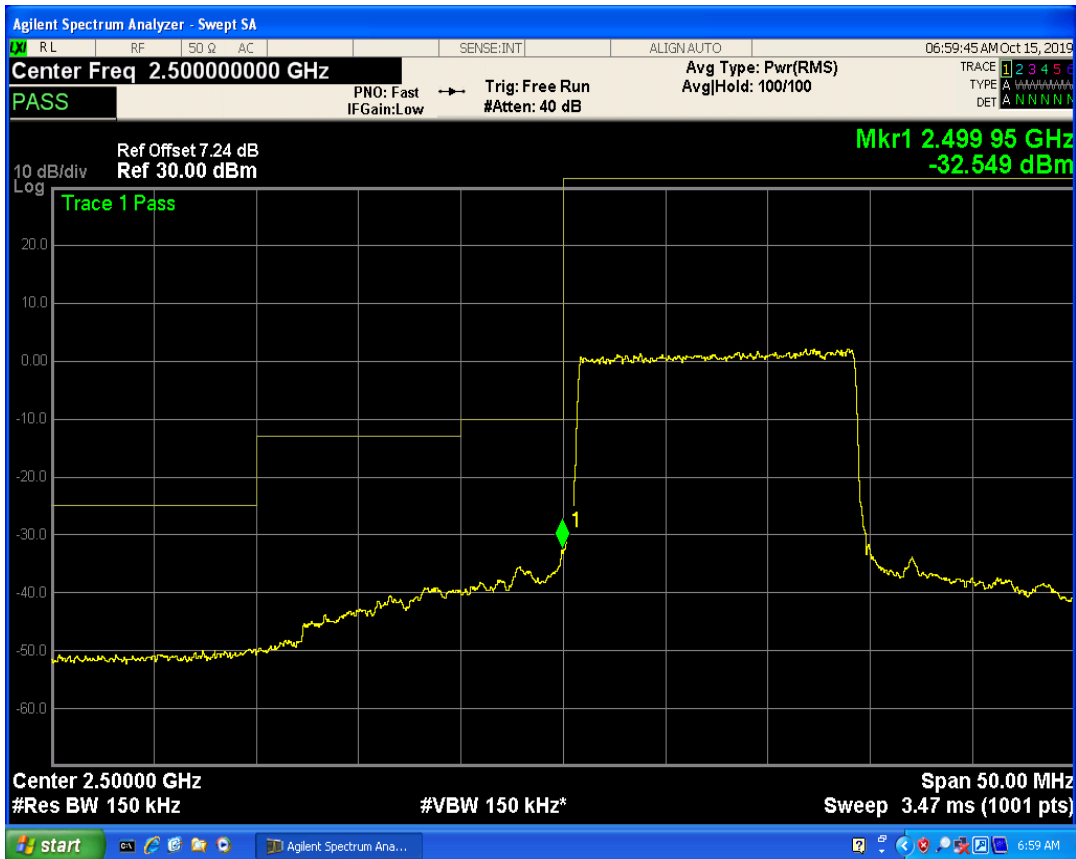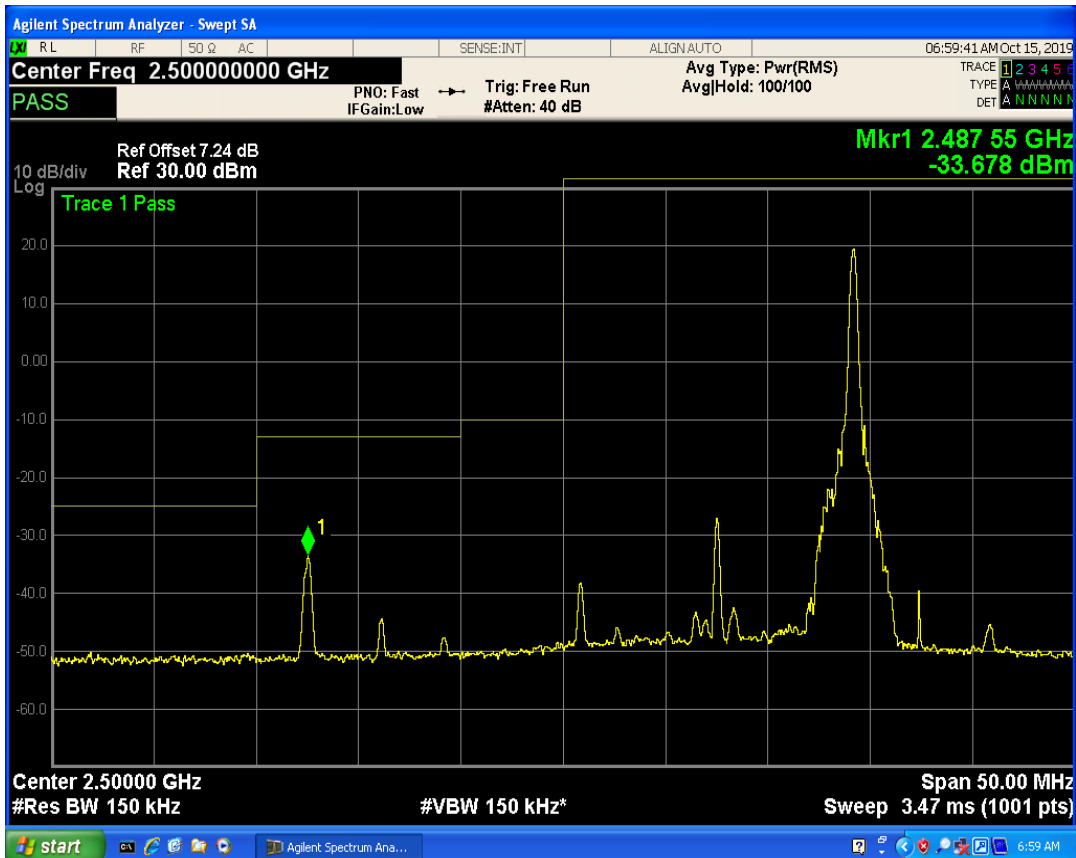LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#Max

LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0

LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max

LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=1 Position=#0

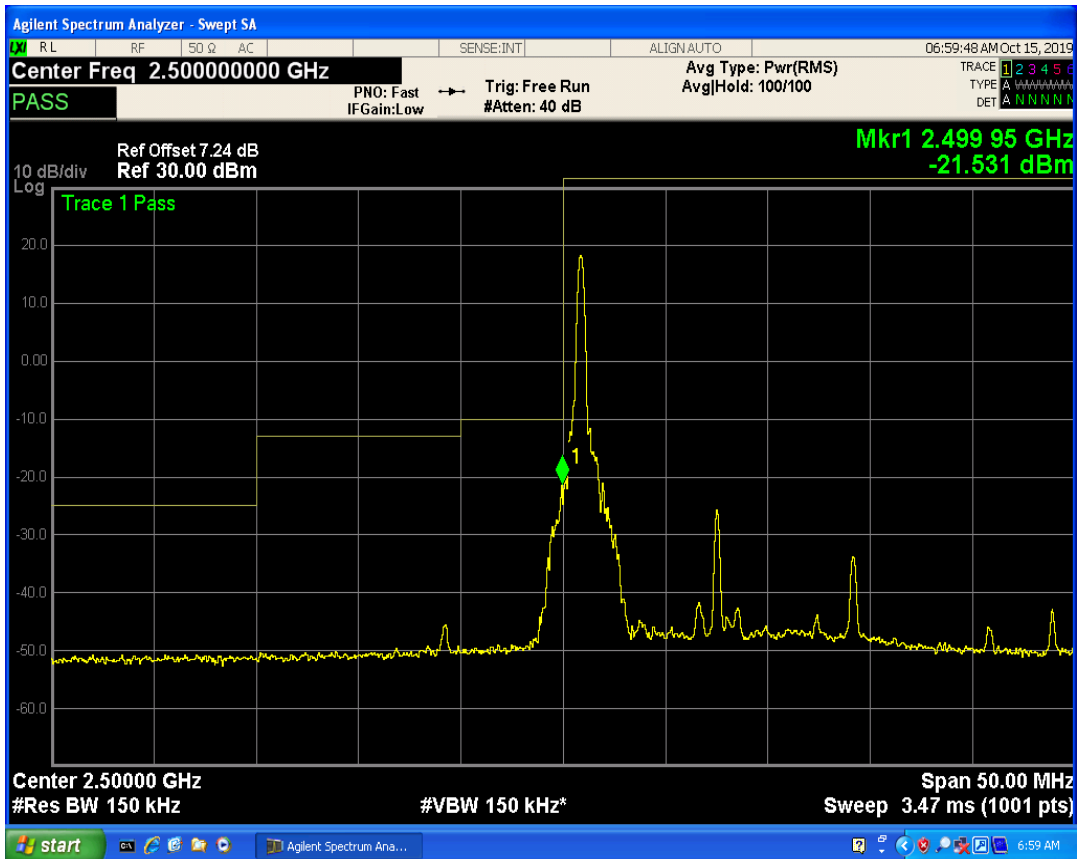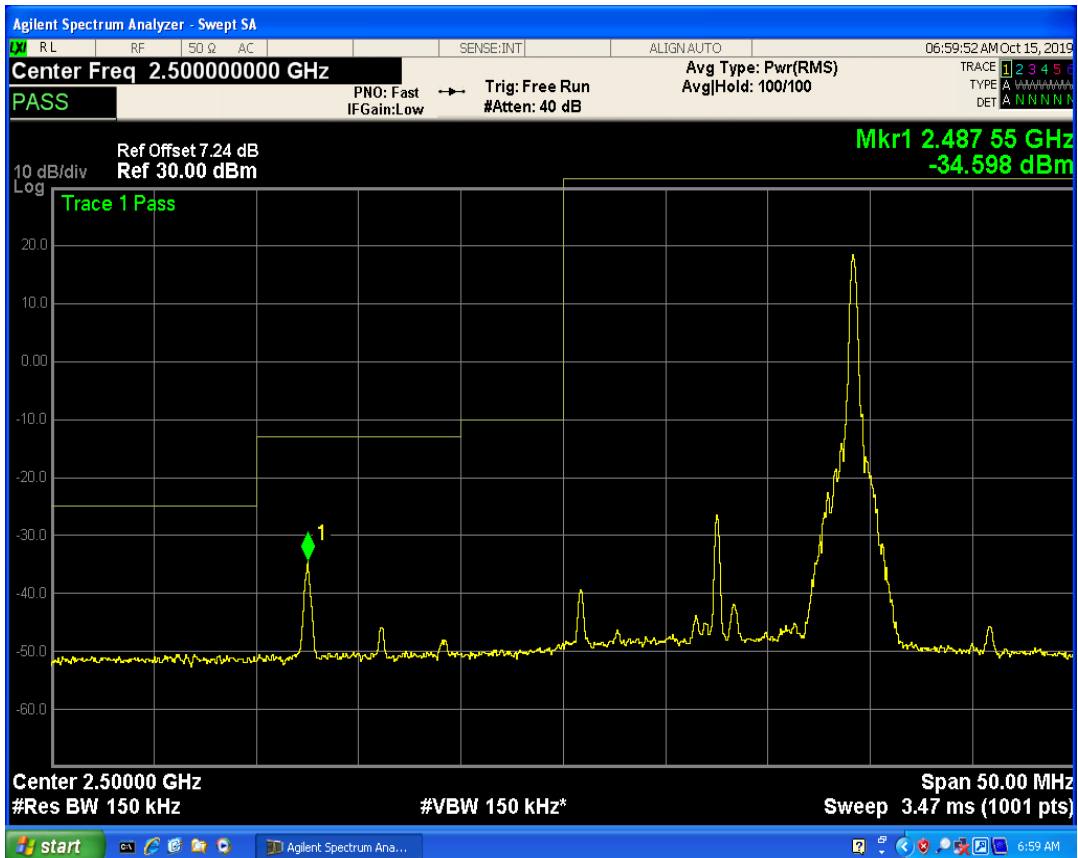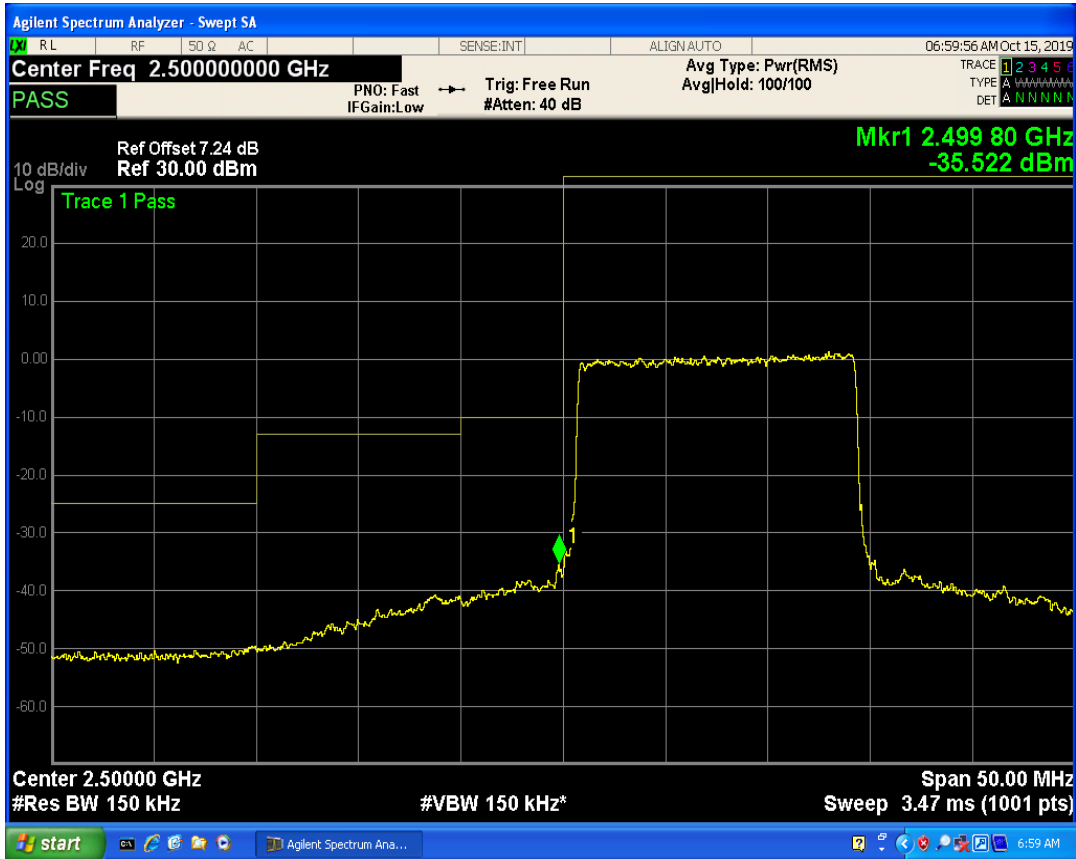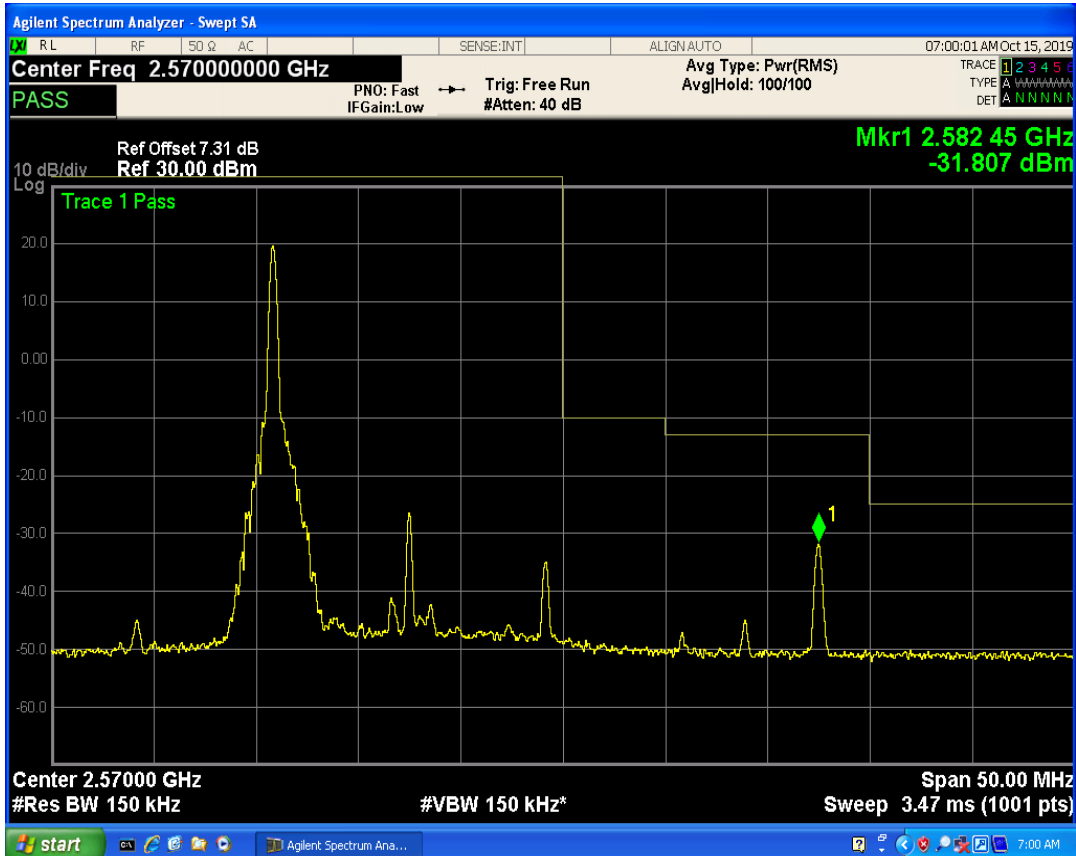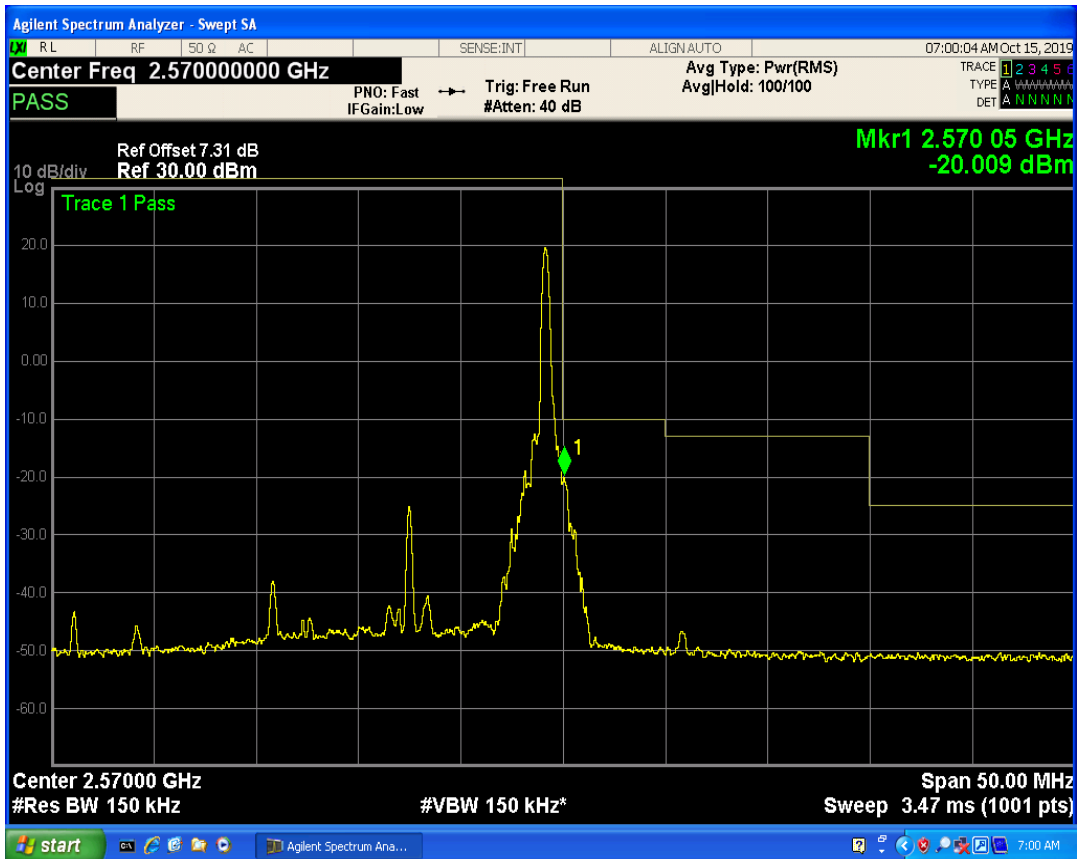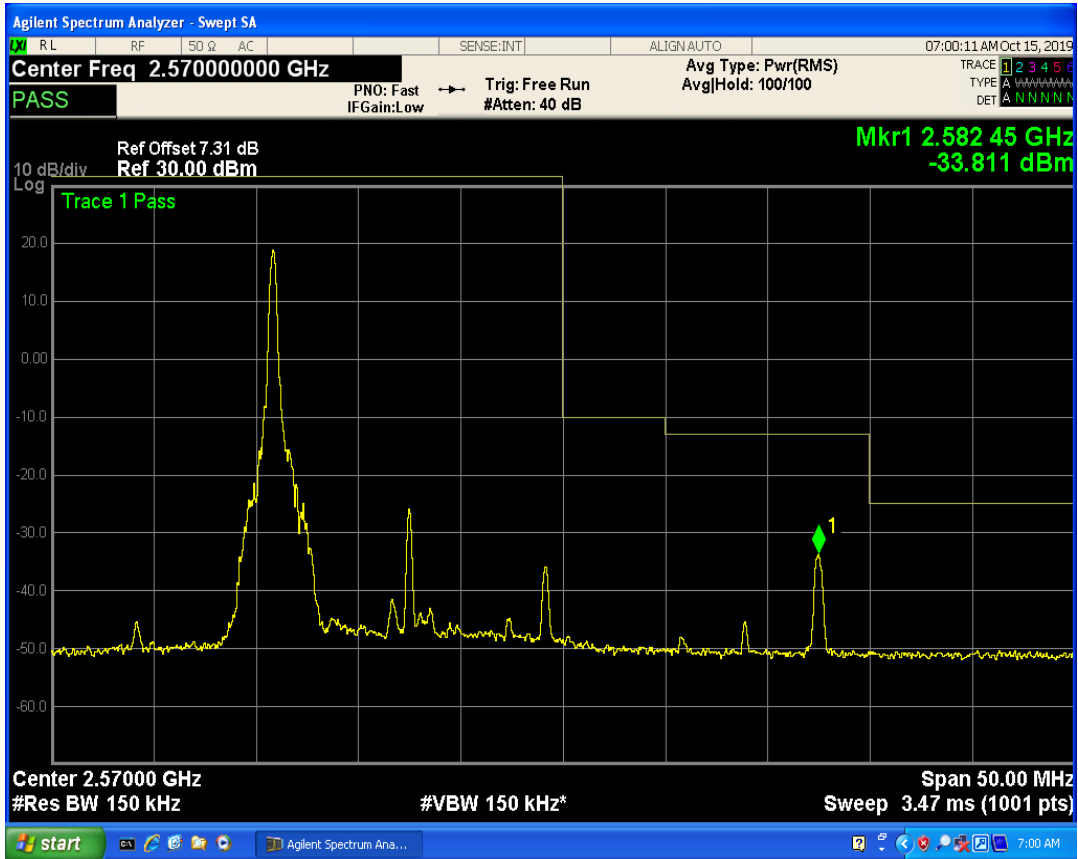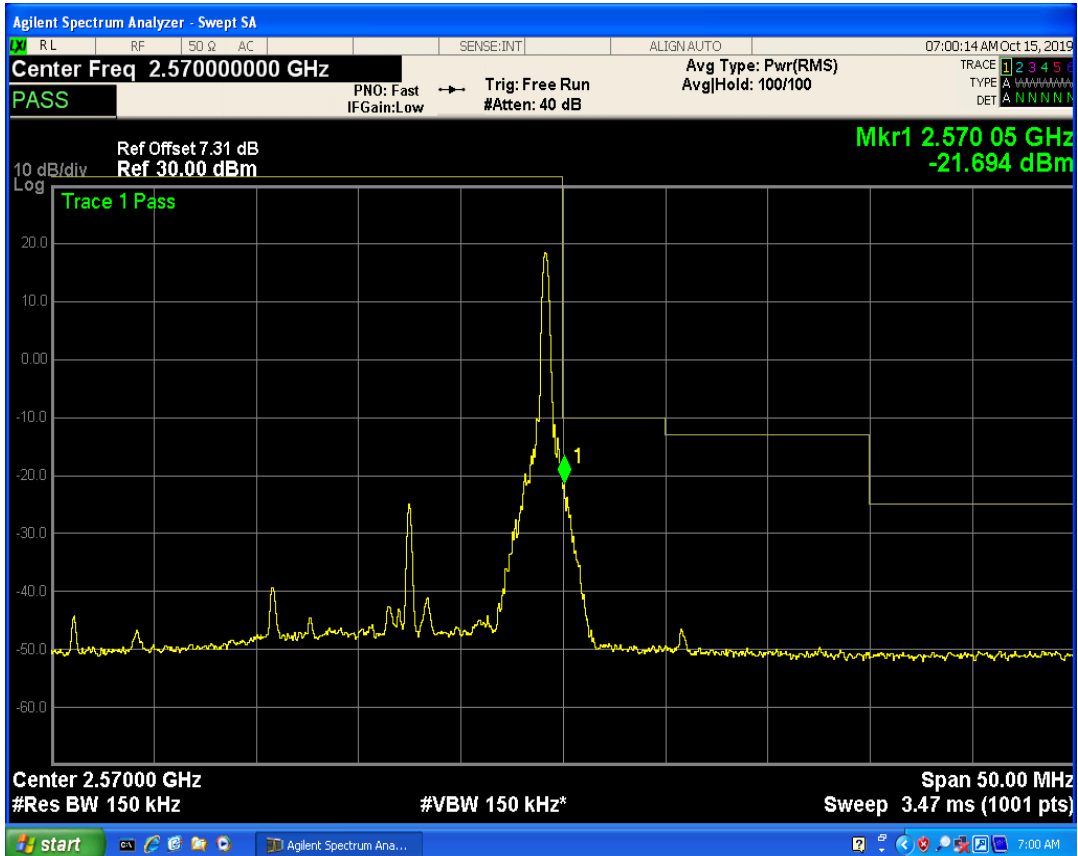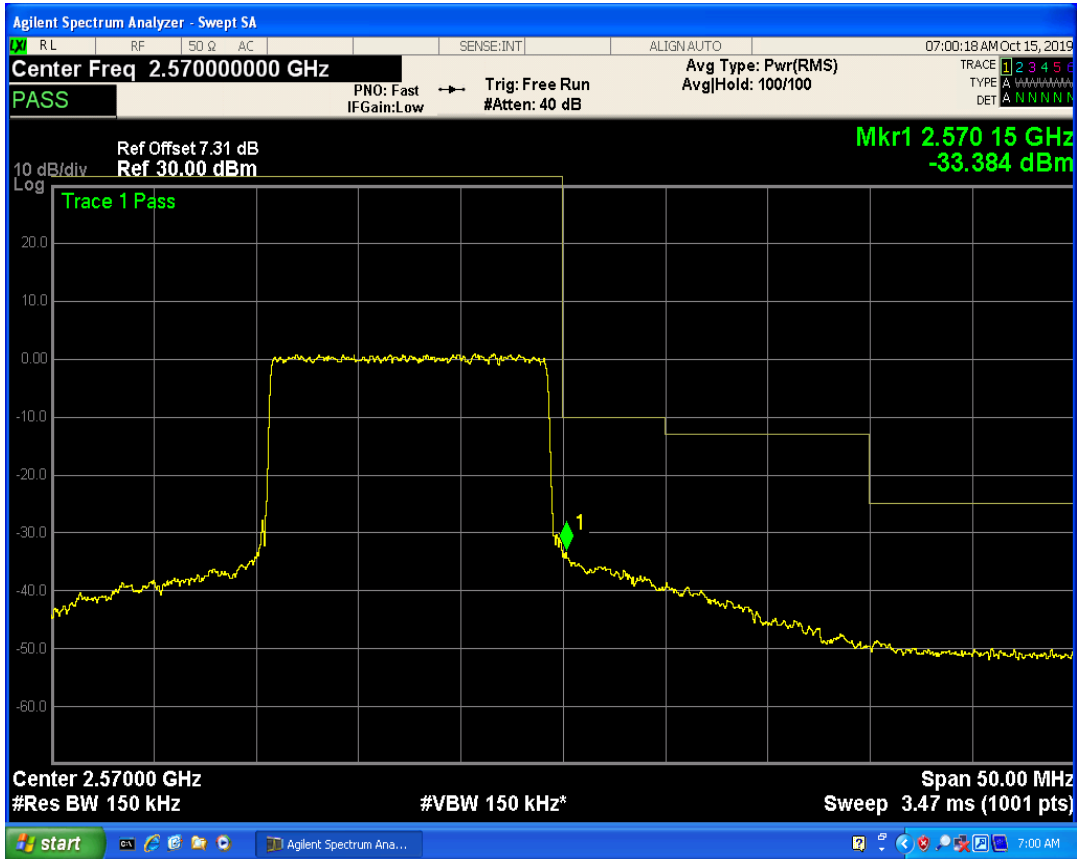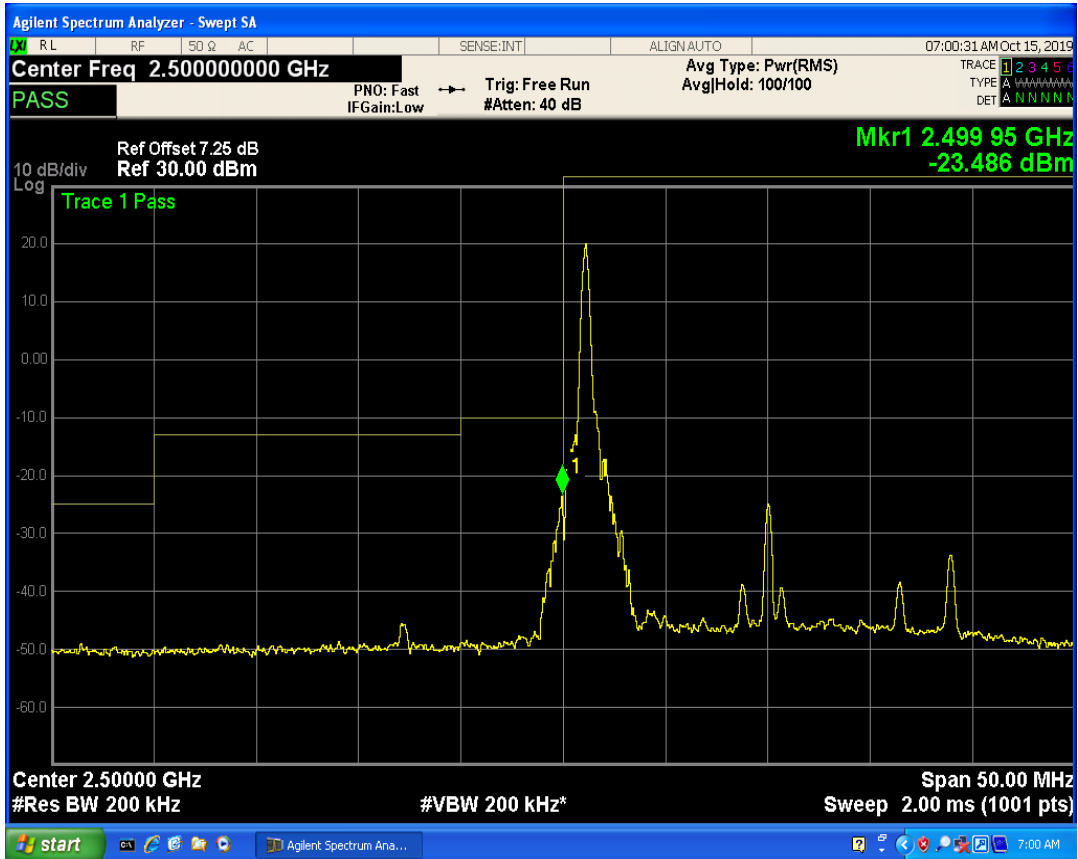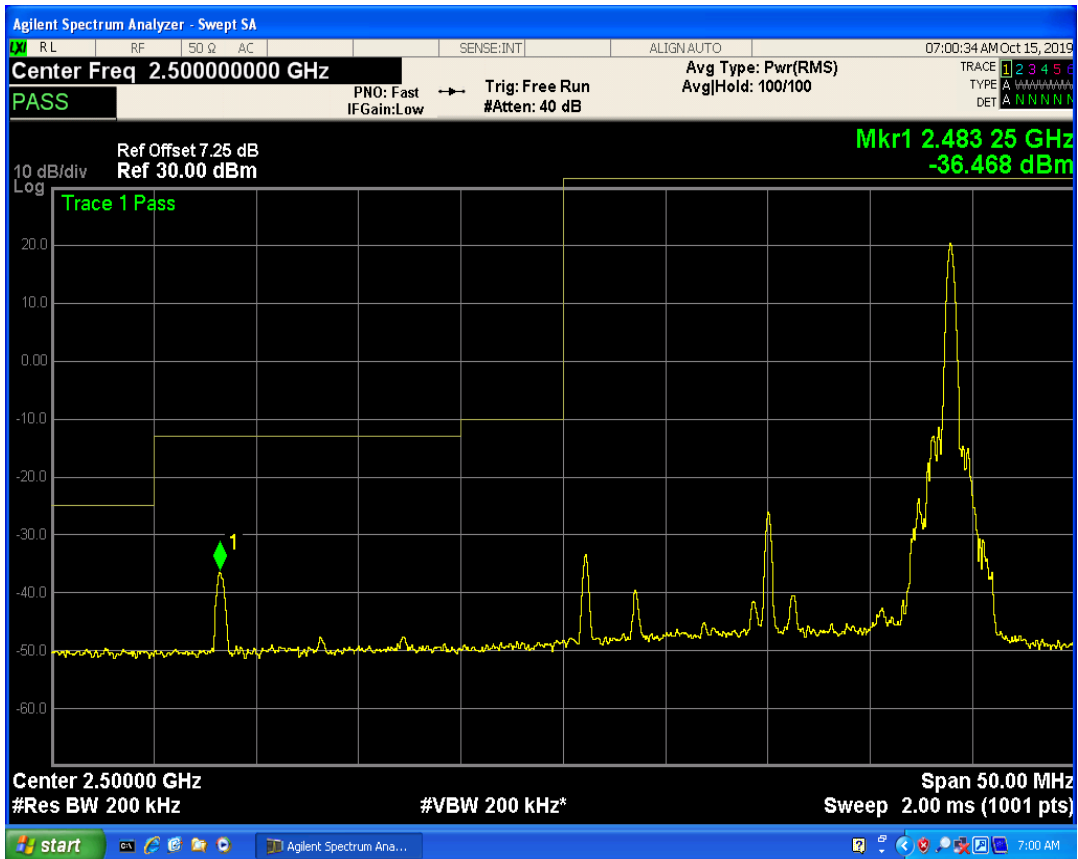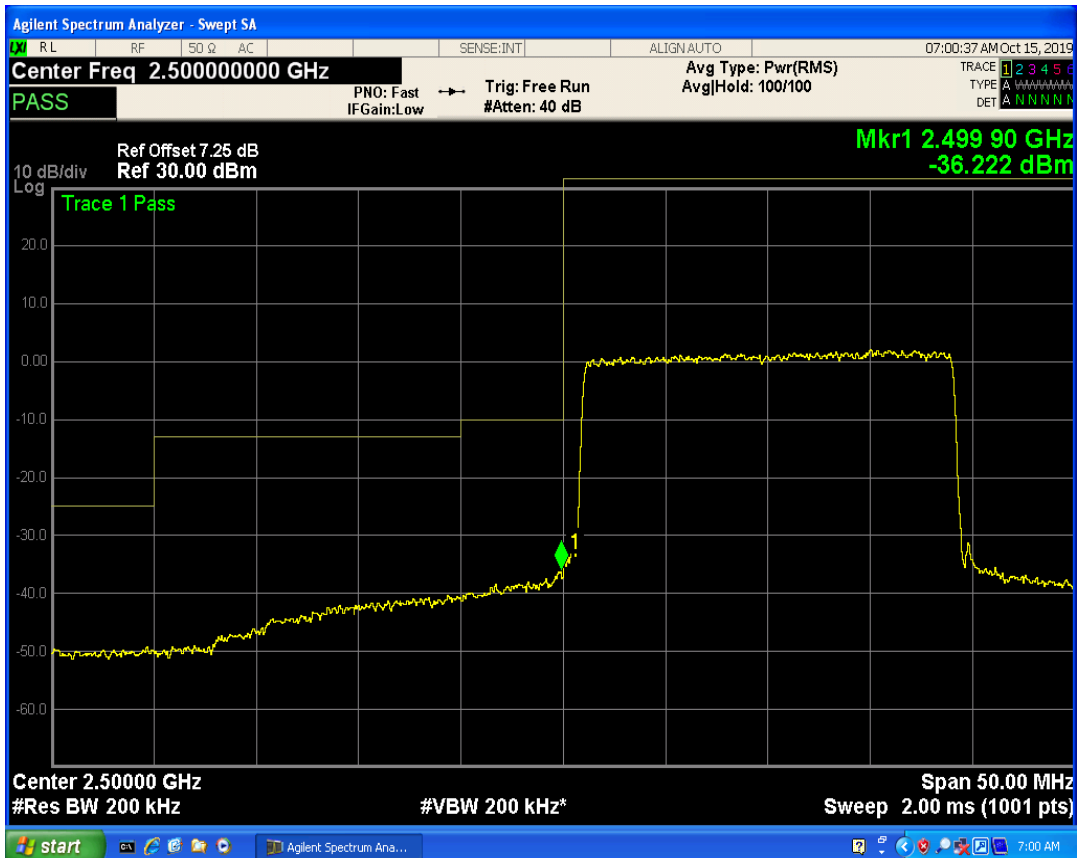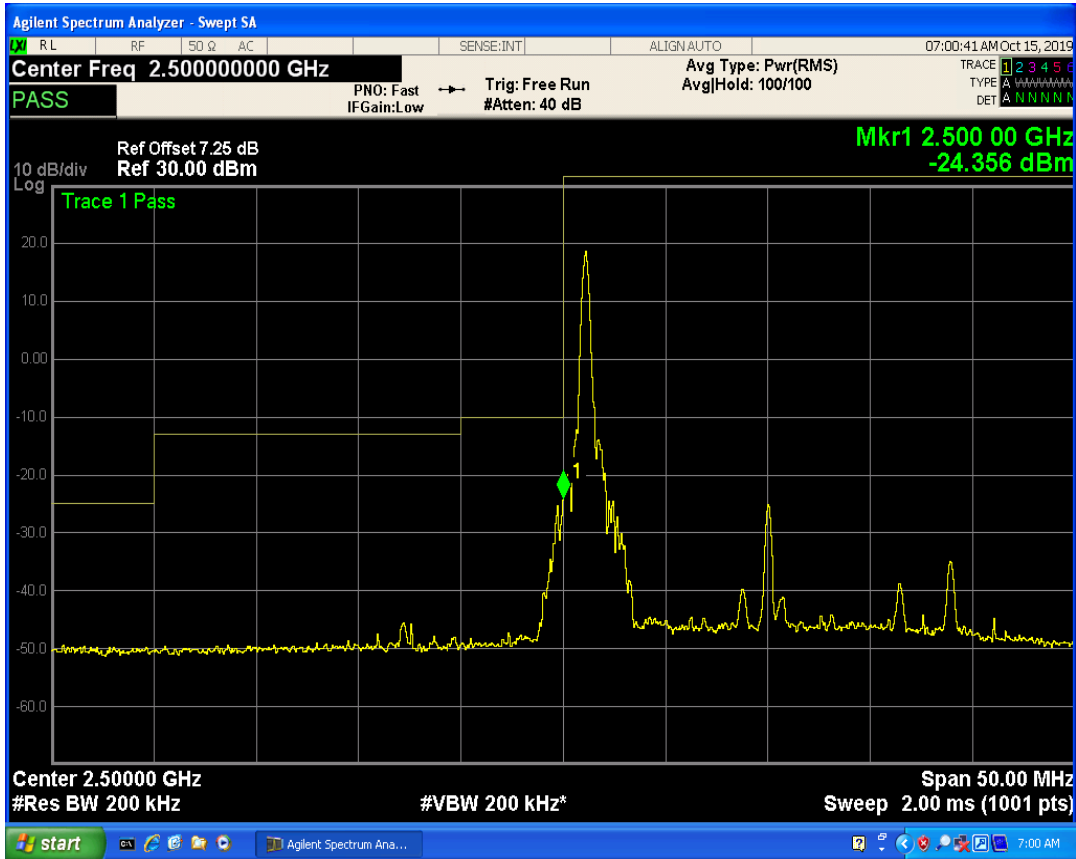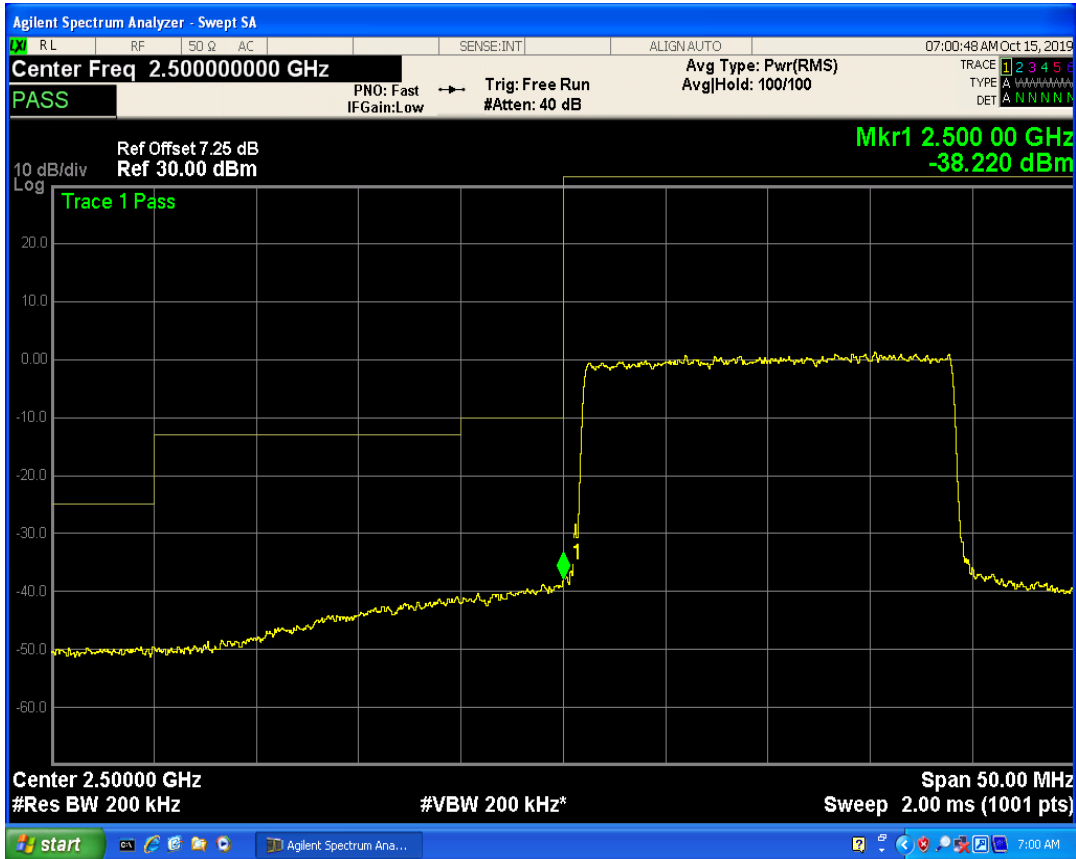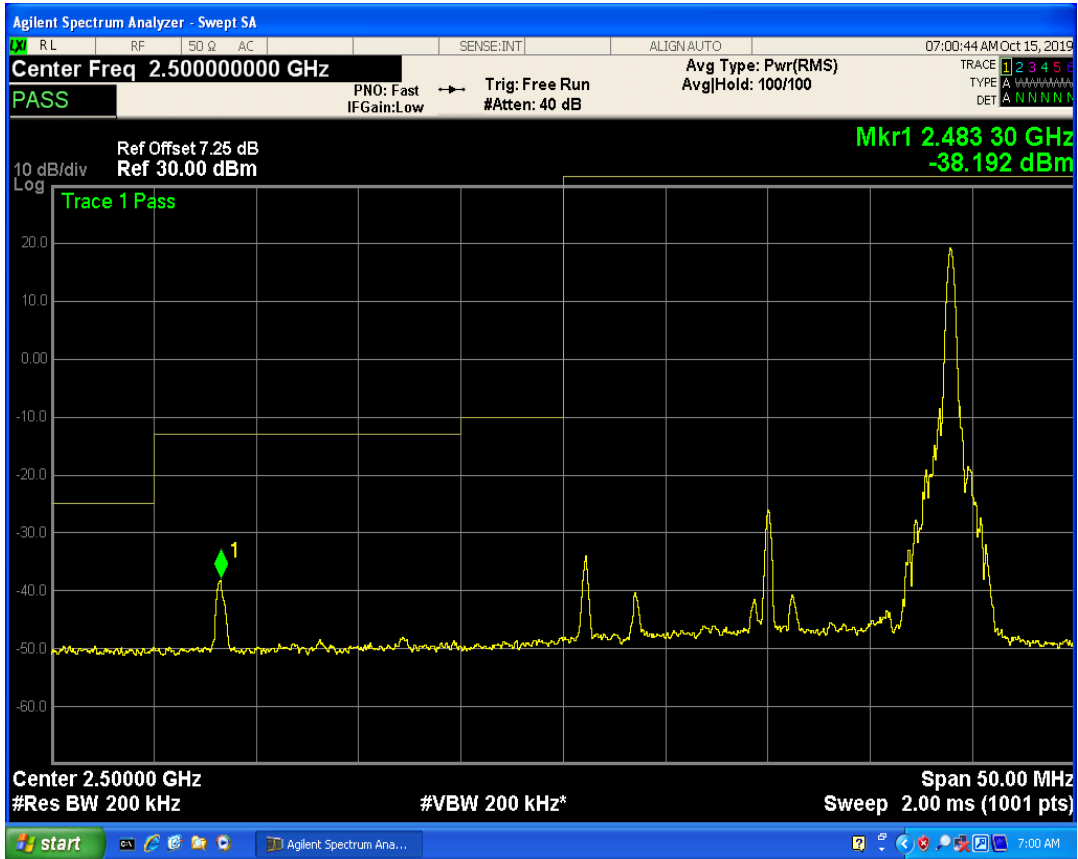LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0

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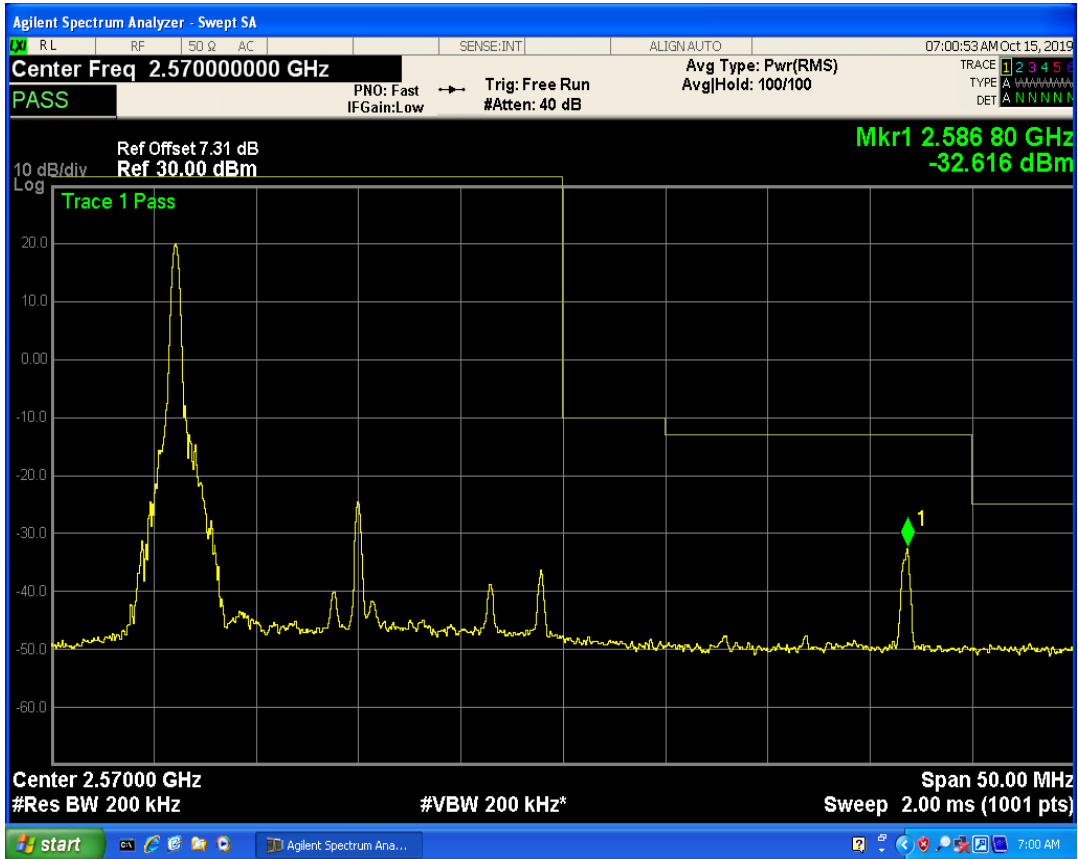
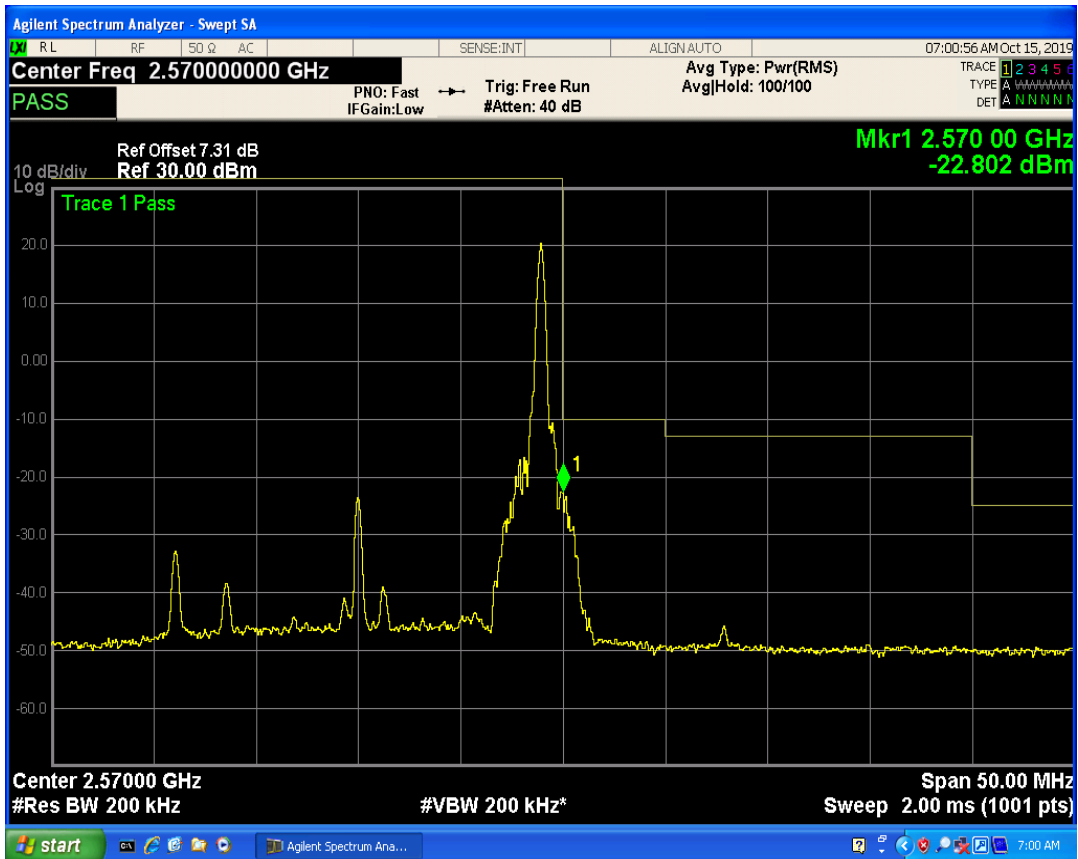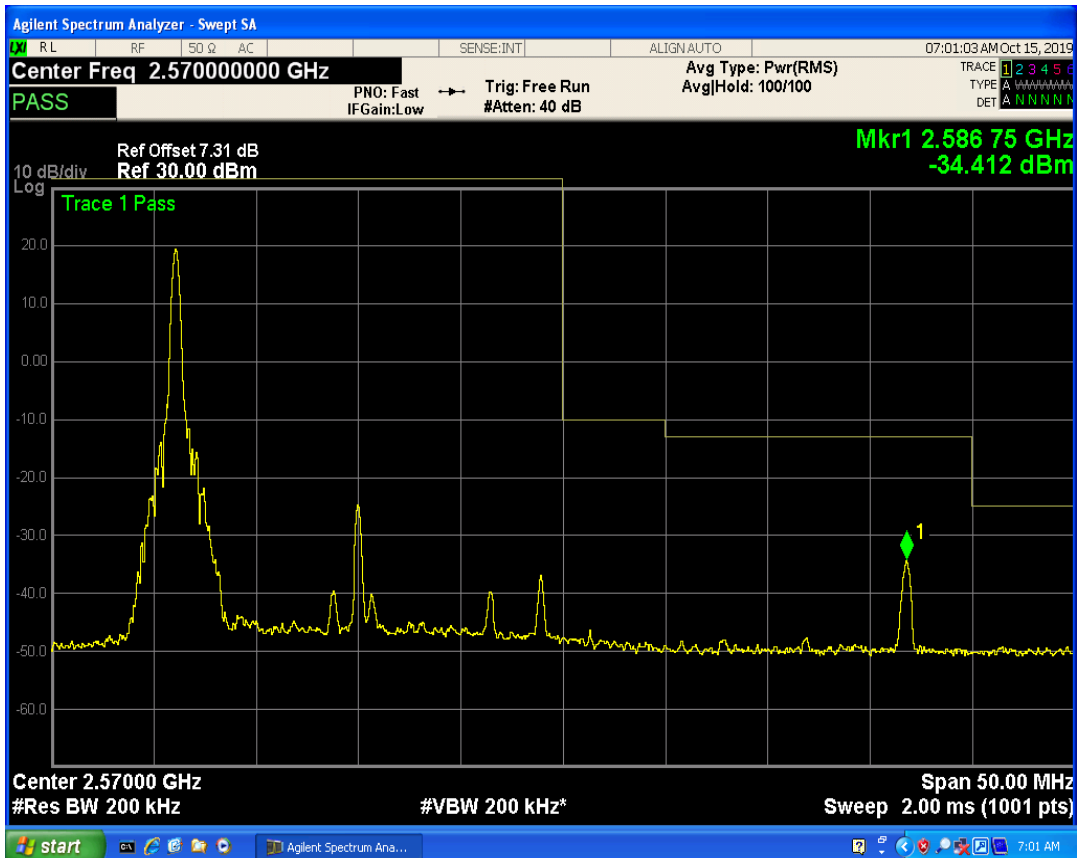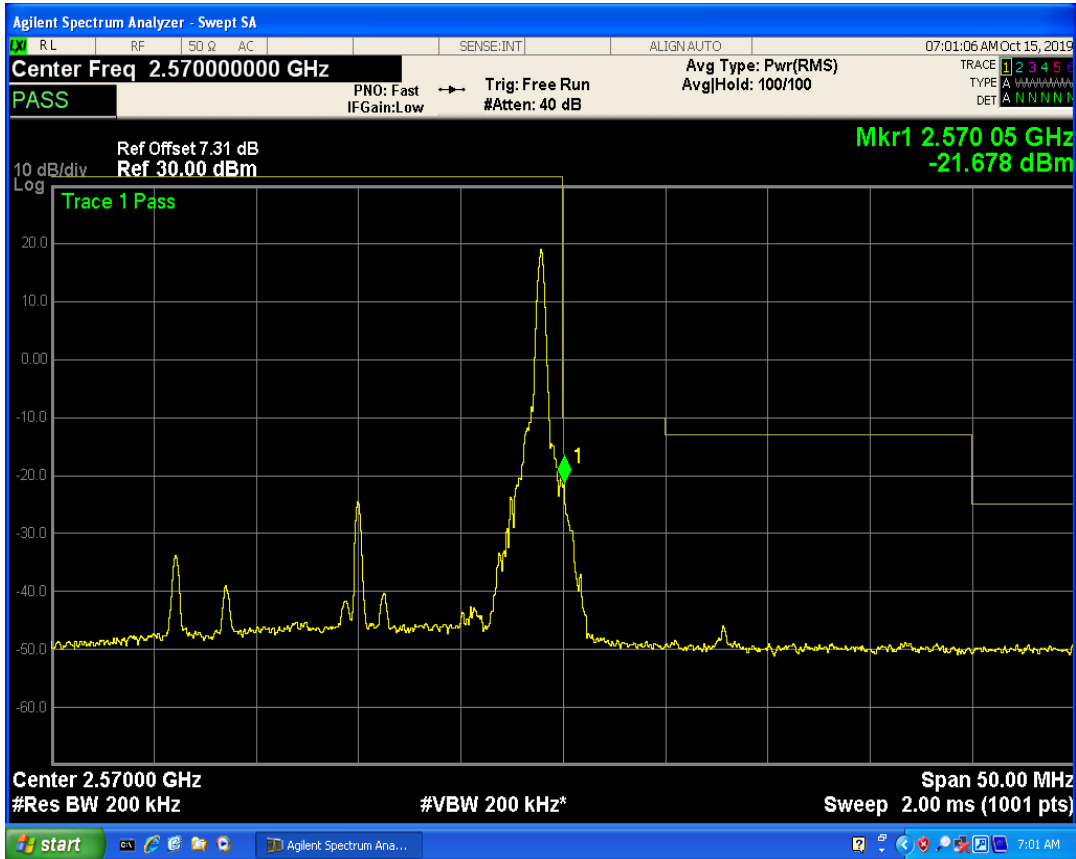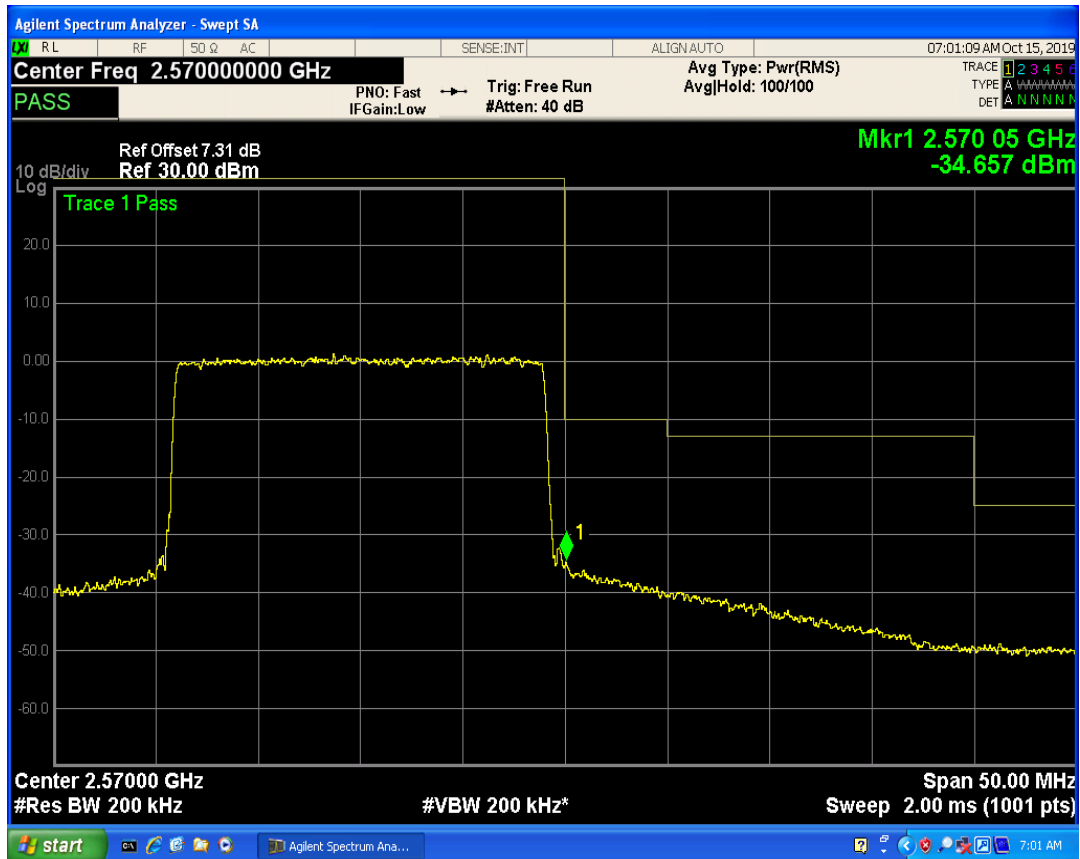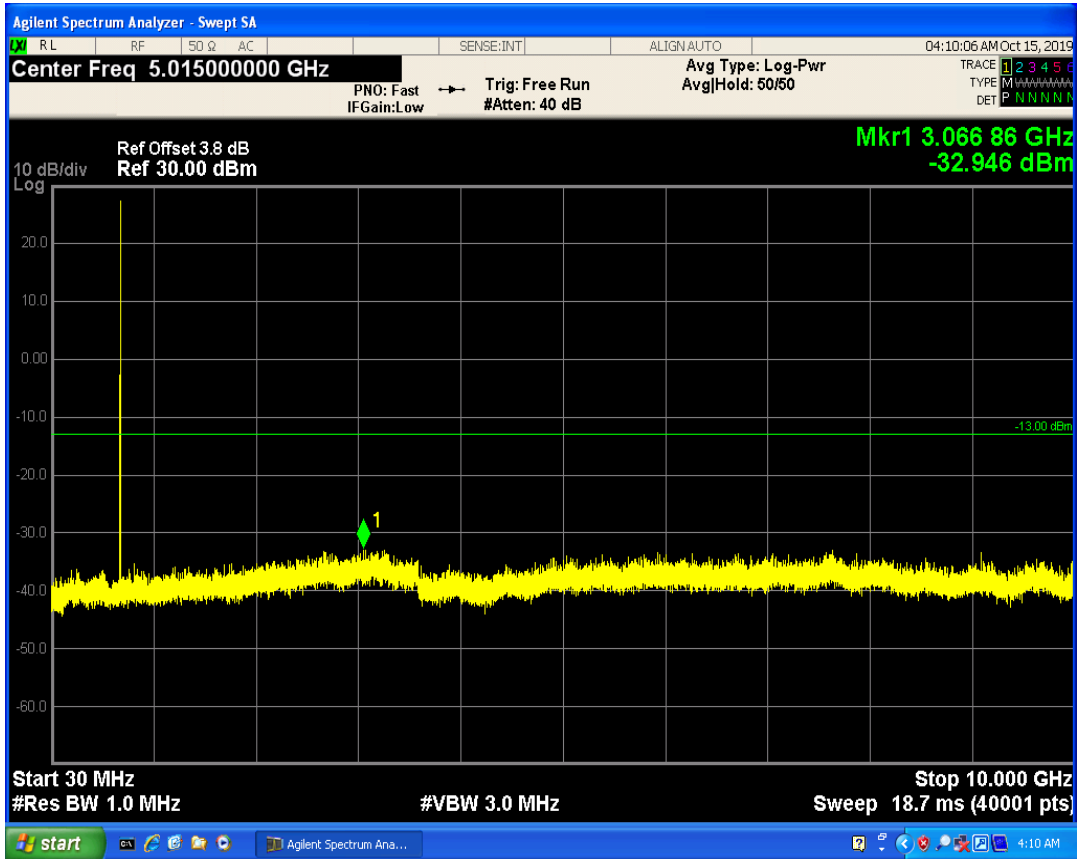LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0
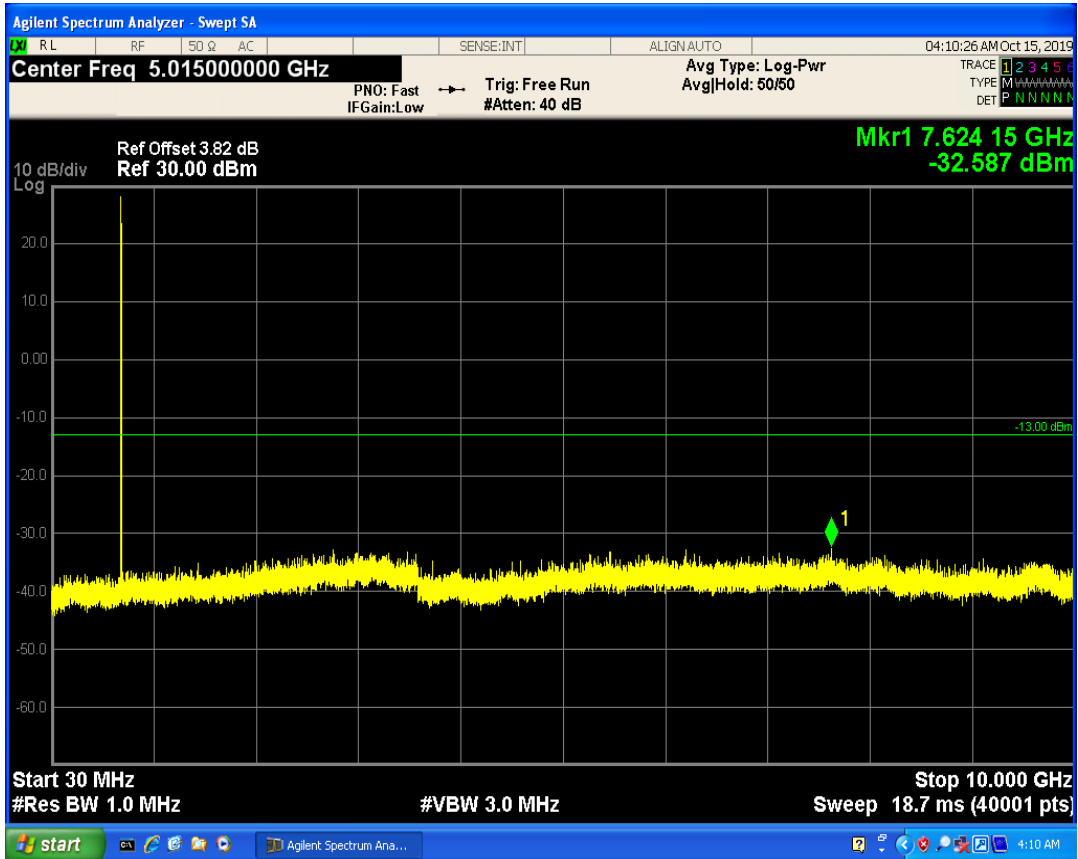
5 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
LTE Band12	1.4	23017	1	#0	QPSK	3066.86	-32.94	-13	PASS
LTE Band12	1.4	23095	1	#0	QPSK	7624.15	-32.58	-13	PASS
LTE Band12	1.4	23173	1	#0	QPSK	721.92	-20.00	-13	PASS
LTE Band12	3	23025	1	#0	QPSK	3264.02	-32.77	-13	PASS
LTE Band12	3	23095	1	#0	QPSK	3113.72	-32.40	-13	PASS
LTE Band12	3	23165	1	#0	QPSK	3165.07	-32.02	-13	PASS
LTE Band12	5	23035	1	#0	QPSK	3175.54	-32.38	-13	PASS
LTE Band12	5	23095	1	#0	QPSK	3188.50	-32.46	-13	PASS
LTE Band12	5	23155	1	#0	QPSK	3003.30	-32.15	-13	PASS
LTE Band12	10	23060	1	#0	QPSK	3138.65	-32.09	-13	PASS
LTE Band12	10	23095	1	#0	QPSK	3151.86	-31.93	-13	PASS
LTE Band12	10	23130	1	#0	QPSK	3132.17	-31.72	-13	PASS
LTE Band17	5	23755	1	#0	QPSK	3188.00	-32.27	-13	PASS
LTE Band17	5	23790	1	#0	QPSK	2645.38	-32.14	-13	PASS
LTE Band17	5	23825	1	#0	QPSK	3243.58	-31.42	-13	PASS
LTE Band17	10	23780	1	#0	QPSK	7550.87	-32.32	-13	PASS
LTE Band17	10	23790	1	#0	QPSK	7656.30	-32.68	-13	PASS
LTE Band17	10	23800	1	#0	QPSK	3043.43	-32.69	-13	PASS
LTE Band2	1.4	18607	1	#0	QPSK	19577.14	-25.98	-13	PASS
LTE Band2	1.4	18900	1	#0	QPSK	17744.89	-25.09	-13	PASS
LTE Band2	1.4	19193	1	#0	QPSK	19988.02	-26.15	-13	PASS
LTE Band2	3	18615	1	#0	QPSK	19894.66	-25.55	-13	PASS
LTE Band2	3	18900	1	#0	QPSK	18526.21	-25.79	-13	PASS
LTE Band2	3	19185	1	#0	QPSK	18505.74	-26.14	-13	PASS
LTE Band2	5	18625	1	#0	QPSK	19924.61	-25.60	-13	PASS
LTE Band2	5	18900	1	#0	QPSK	19795.81	-26.35	-13	PASS
LTE Band2	5	19175	1	#0	QPSK	19025.46	-25.55	-13	PASS
LTE Band2	10	18650	1	#0	QPSK	19911.63	-24.95	-13	PASS
LTE Band2	10	18900	1	#0	QPSK	19940.09	-25.84	-13	PASS
LTE Band2	10	19150	1	#0	QPSK	19945.08	-25.37	-13	PASS
LTE Band2	15	18675	1	#0	QPSK	17057.92	-26.11	-13	PASS
LTE Band2	15	18900	1	#0	QPSK	19508.74	-25.90	-13	PASS
LTE Band2	15	19125	1	#0	QPSK	19681.98	-25.10	-13	PASS
LTE Band2	20	18700	1	#0	QPSK	19786.82	-25.95	-13	PASS
LTE Band2	20	18900	1	#0	QPSK	18432.85	-25.72	-13	PASS
LTE Band2	20	19100	1	#0	QPSK	19934.60	-25.93	-13	PASS
LTE Band4	1.4	19957	1	#0	QPSK	19649.03	-26.09	-13	PASS
LTE Band4	1.4	20175	1	#0	QPSK	17879.69	-26.21	-13	PASS
LTE Band4	1.4	20393	1	#0	QPSK	19964.05	-26.24	-13	PASS
LTE Band4	3	19965	1	#0	QPSK	19922.12	-25.91	-13	PASS

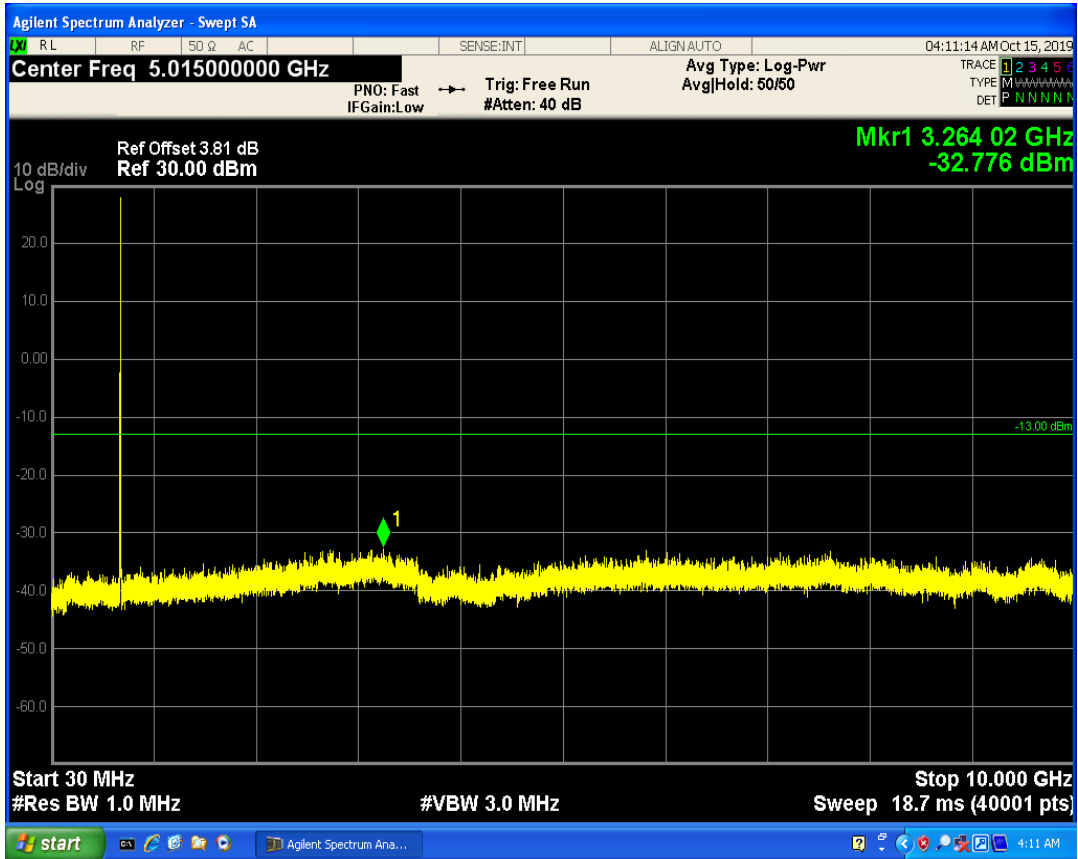| LTE Band4	3	20175	1	#0	QPSK	17166.76	-26.30	-13	PASS
LTE Band4	3	20385	1	#0	QPSK	17862.21	-25.62	-13	PASS
LTE Band4	5	19975	1	#0	QPSK	19528.21	-26.10	-13	PASS
LTE Band4	5	20175	1	#0	QPSK	19808.79	-25.55	-13	PASS
LTE Band4	5	20375	1	#0	QPSK	19928.61	-25.58	-13	PASS
LTE Band4	10	20000	1	#0	QPSK	19919.12	-25.07	-13	PASS
LTE Band4	10	20175	1	#0	QPSK	19557.66	-26.17	-13	PASS
LTE Band4	10	20350	1	#0	QPSK	19845.23	-25.54	-13	PASS
LTE Band4	15	20025	1	#0	QPSK	19903.15	-25.96	-13	PASS
LTE Band4	15	20175	1	#0	QPSK	17097.86	-25.62	-13	PASS
LTE Band4	15	20325	1	#0	QPSK	19671.49	-25.79	-13	PASS
LTE Band4	20	20050	1	#0	QPSK	18930.11	-25.47	-13	PASS
LTE Band4	20	20175	1	#0	QPSK	17982.03	-25.67	-13	PASS
LTE Band4	20	20300	1	#0	QPSK	19911.63	-25.74	-13	PASS
LTE Band5	1.4	20407	1	#0	QPSK	3165.57	-32.67	-13	PASS
LTE Band5	1.4	20525	1	#0	QPSK	2807.89	-32.57	-13	PASS
LTE Band5	1.4	20643	1	#0	QPSK	3167.81	-32.19	-13	PASS
LTE Band5	3	20415	1	#0	QPSK	3012.53	-32.12	-13	PASS
LTE Band5	3	20525	1	#0	QPSK	3273.99	-31.74	-13	PASS
LTE Band5	3	20635	1	#0	QPSK	3169.55	-31.96	-13	PASS
LTE Band5	5	20425	1	#0	QPSK	3176.03	-31.92	-13	PASS
LTE Band5	5	20525	1	#0	QPSK	3132.66	-31.44	-13	PASS
LTE Band5	5	20625	1	#0	QPSK	5717.64	-32.17	-13	PASS
LTE Band5	10	20450	1	#0	QPSK	3167.81	-32.75	-13	PASS
LTE Band5	10	20525	1	#0	QPSK	2753.06	-32.16	-13	PASS
LTE Band5	10	20600	1	#0	QPSK	4985.59	-31.81	-13	PASS
LTE Band7	5	20775	1	#0	QPSK	25934.43	-29.30	-25	PASS
LTE Band7	5	21100	1	#0	QPSK	25990.91	-29.89	-25	PASS
LTE Band7	5	21425	1	#0	QPSK	25439.70	-30.18	-25	PASS
LTE Band7	10	20800	1	#0	QPSK	25935.08	-29.32	-25	PASS
LTE Band7	10	21100	1	#0	QPSK	25994.16	-29.69	-25	PASS
LTE Band7	10	21400	1	#0	QPSK	25962.34	-29.50	-25	PASS
LTE Band7	15	20825	1	#0	QPSK	25587.08	-29.98	-25	PASS
LTE Band7	15	21100	1	#0	QPSK	25989.61	-29.80	-25	PASS
LTE Band7	15	21375	1	#0	QPSK	25921.44	-30.04	-25	PASS
LTE Band7	20	20850	1	#0	QPSK	25988.96	-29.87	-25	PASS
LTE Band7	20	21100	1	#0	QPSK	25990.91	-29.60	-25	PASS
LTE Band7	20	21350	1	#0	QPSK	25855.87	-29.85	-25	PASS

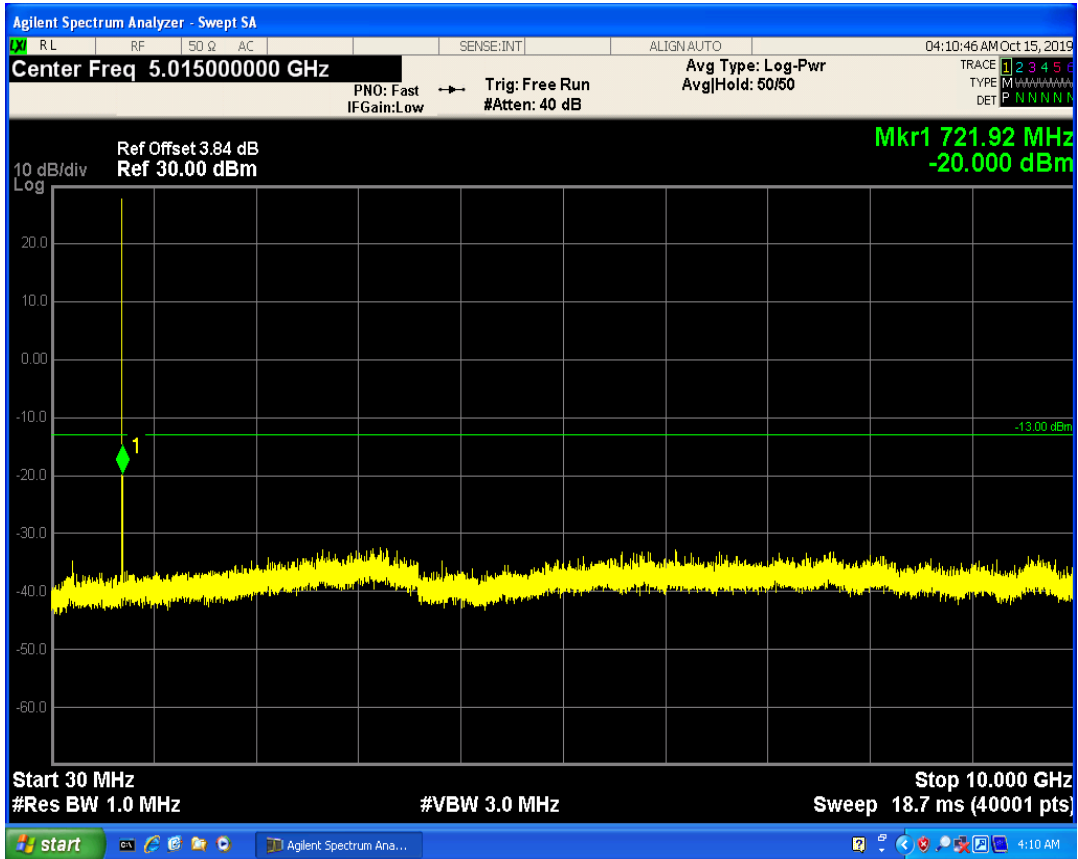LTE Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0

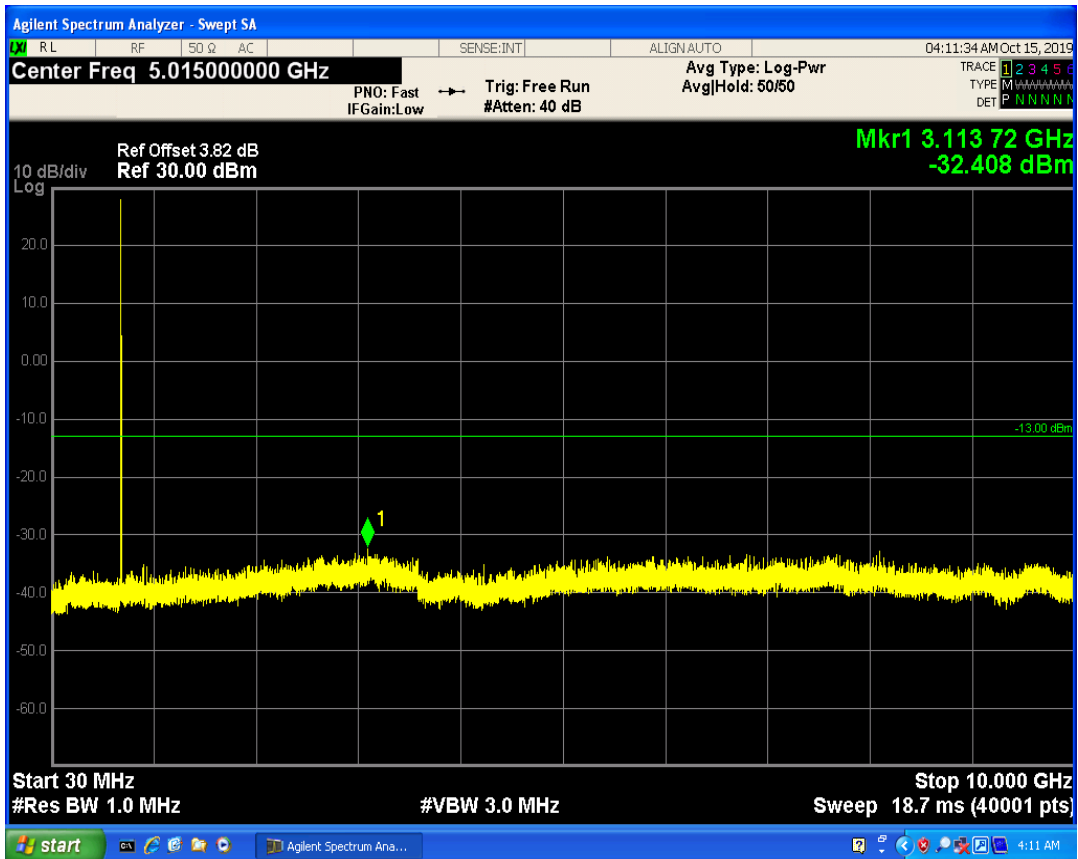LTE Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0

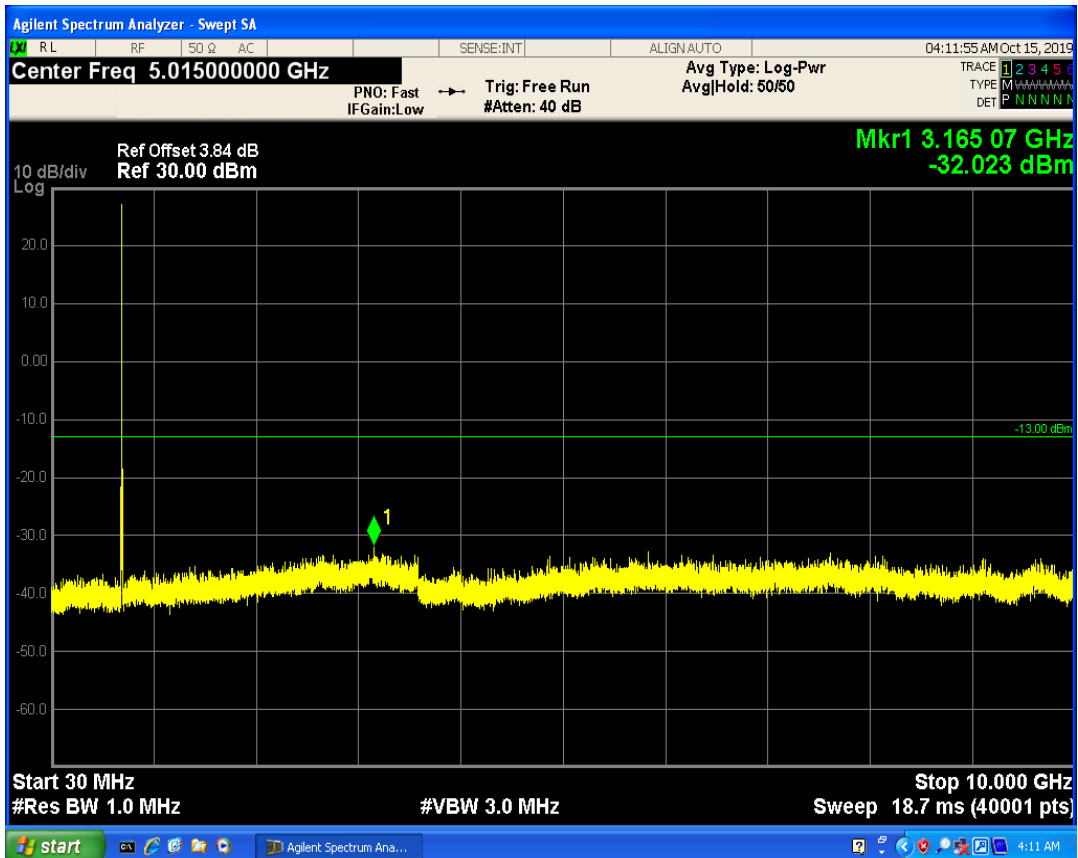LTE Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0

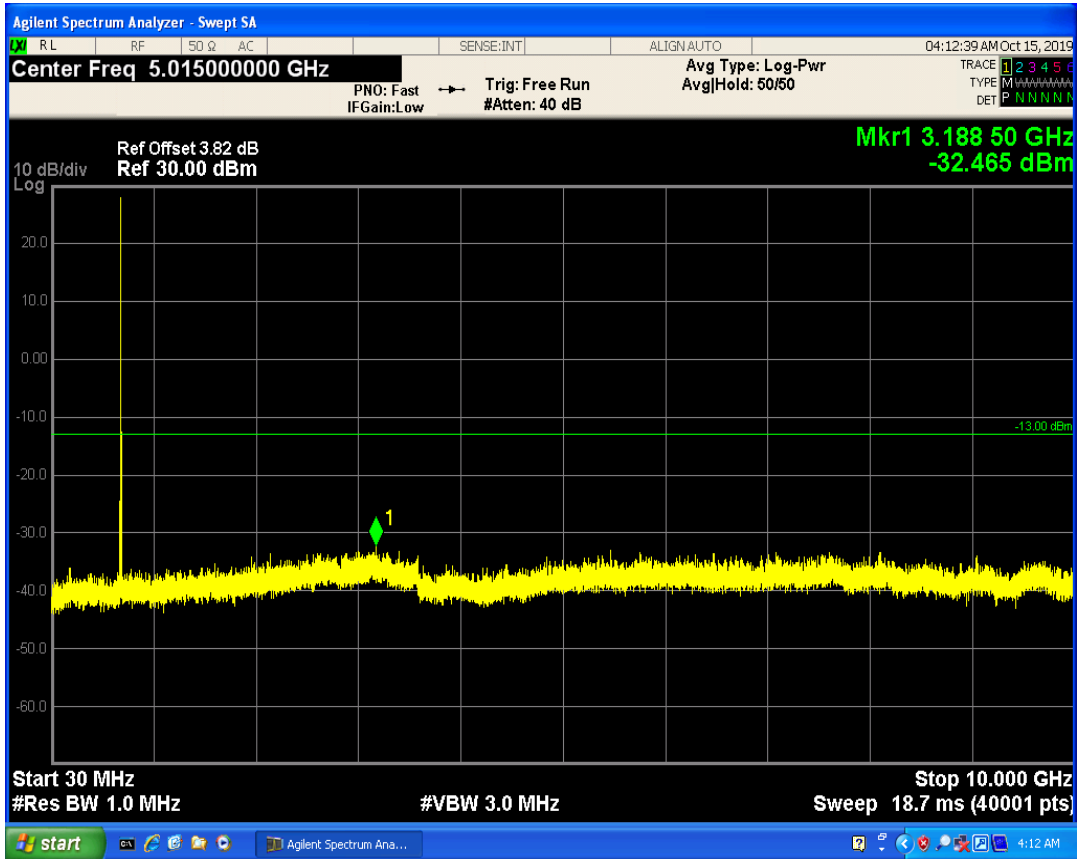LTE Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0

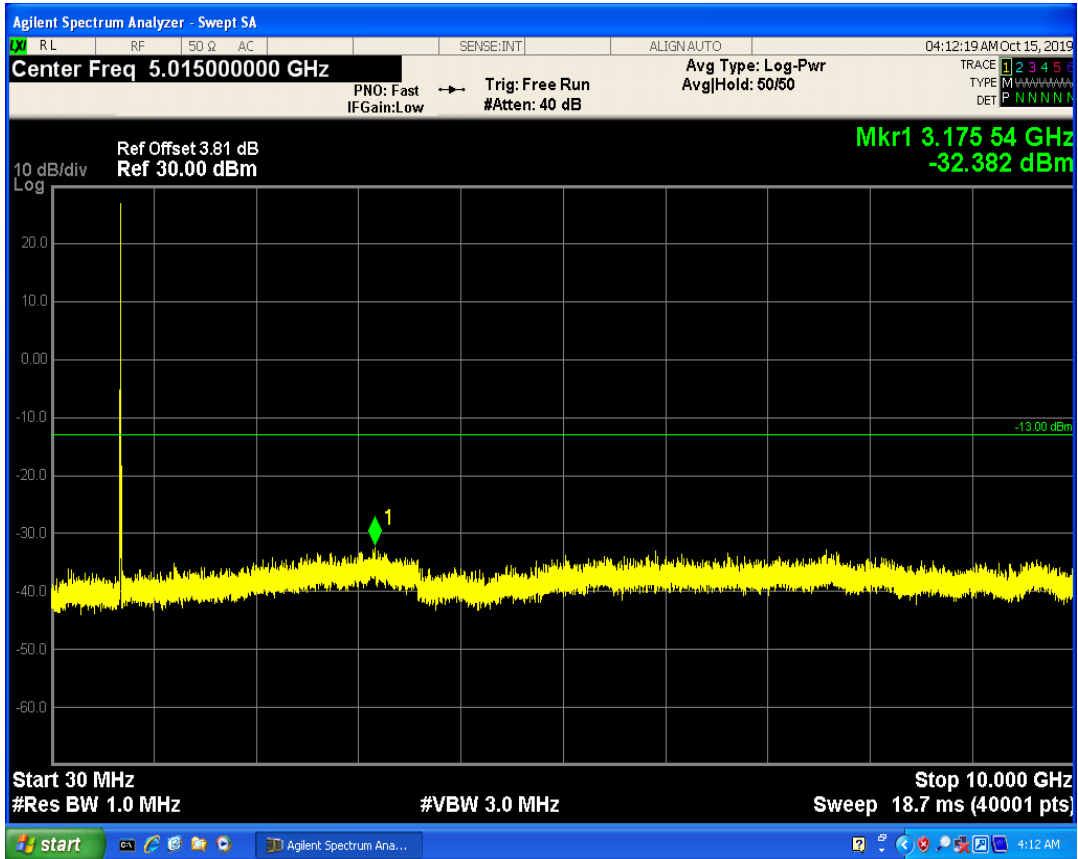LTE Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0

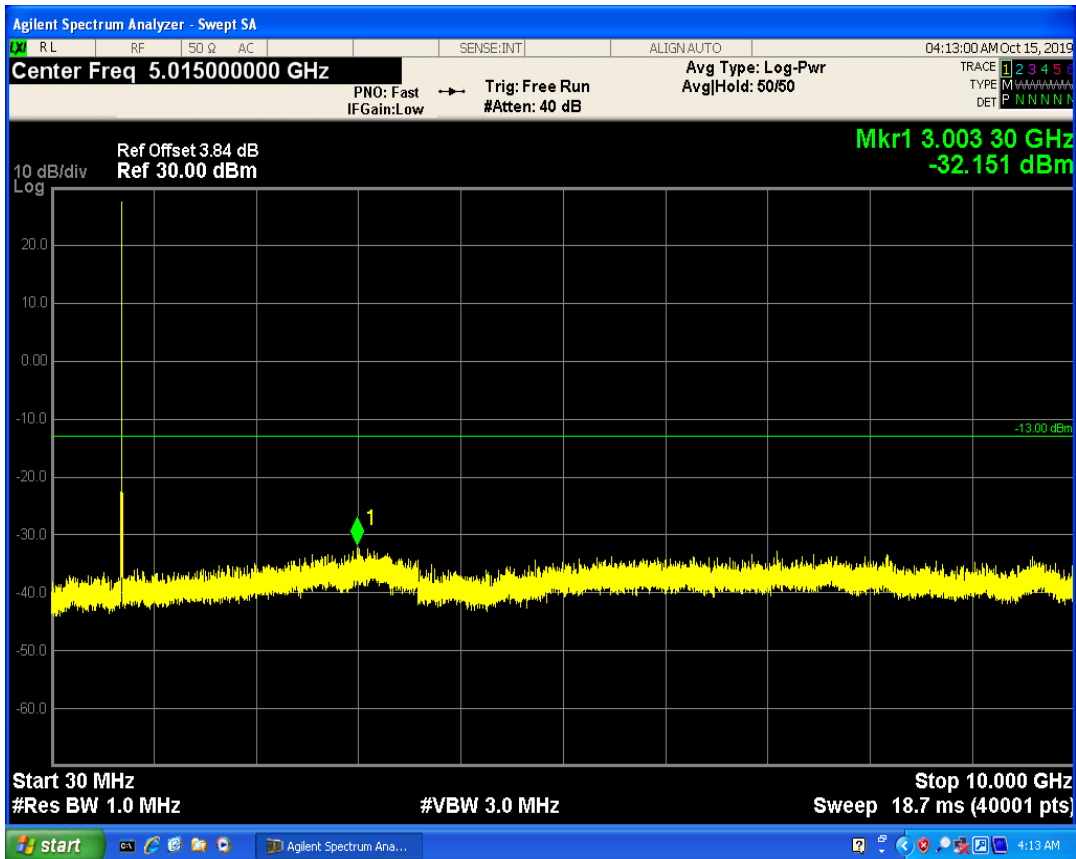LTE Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0

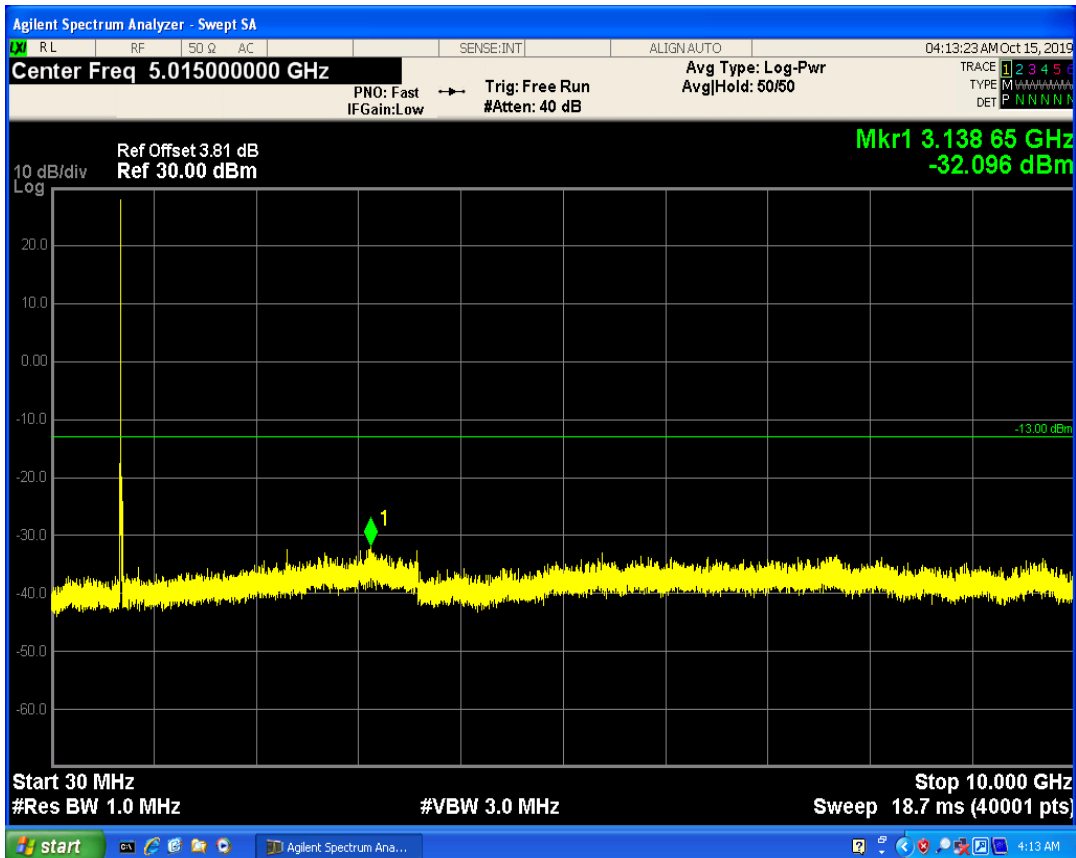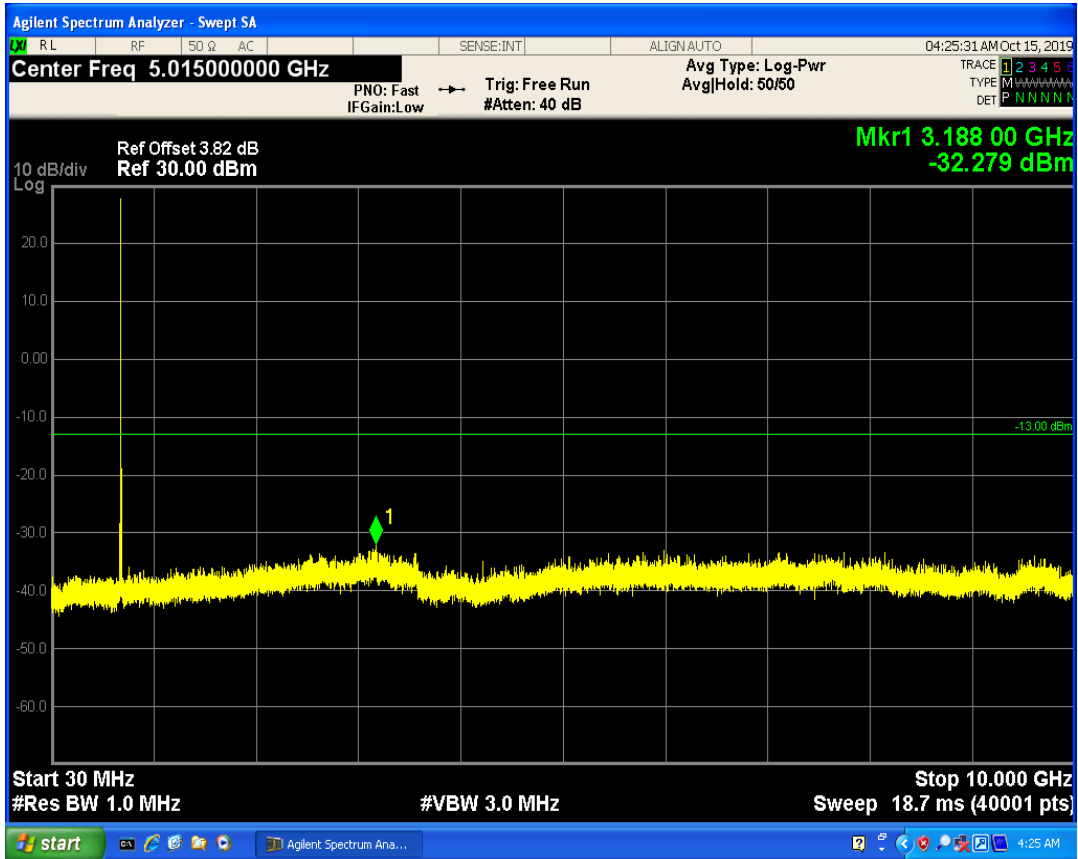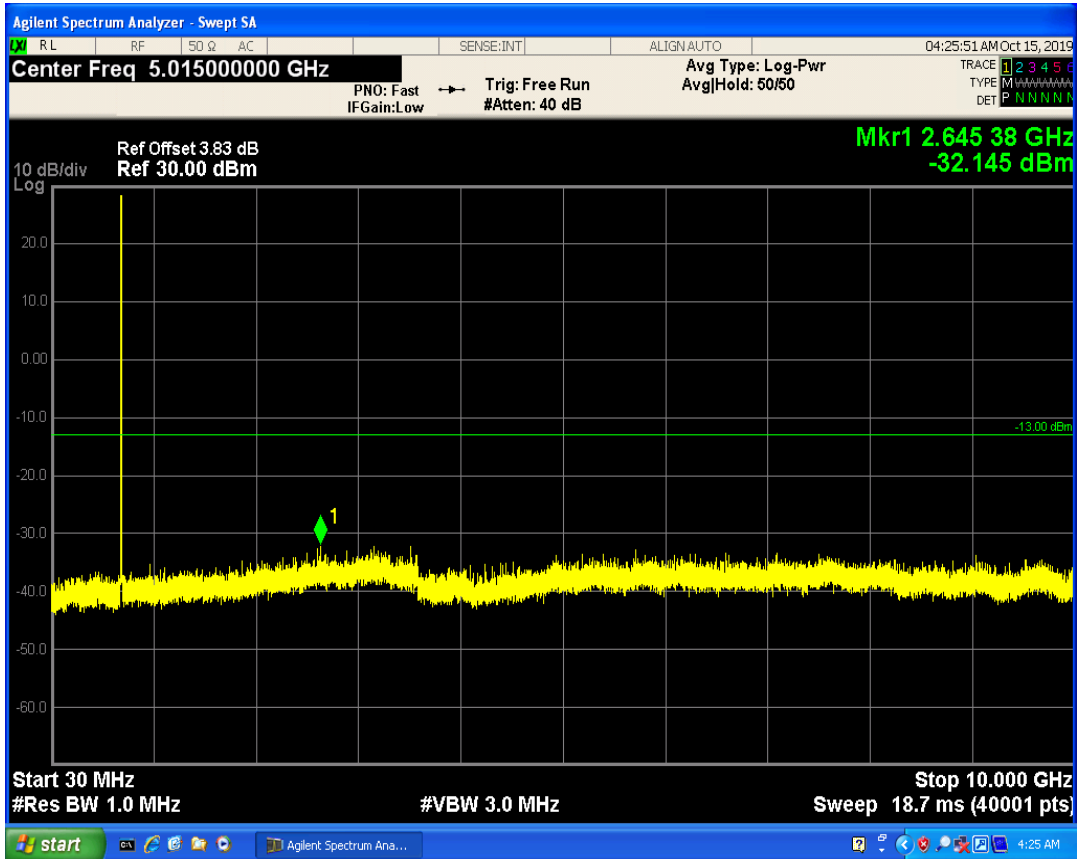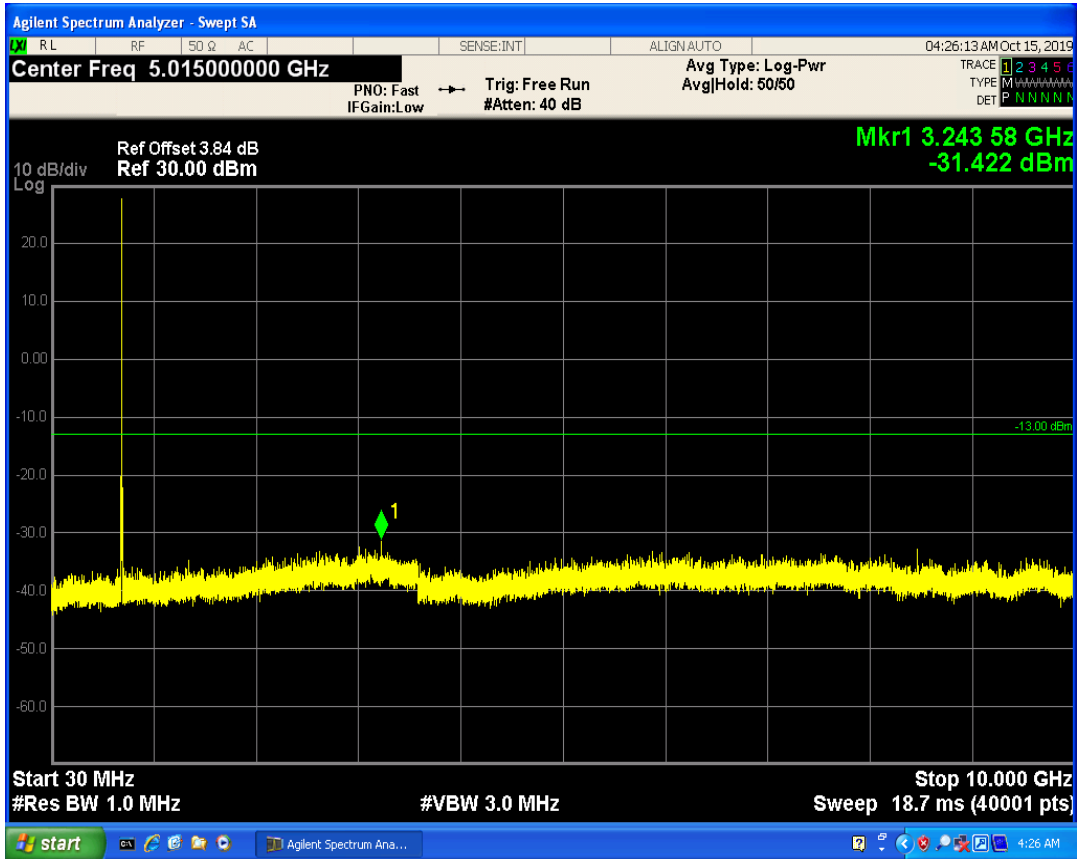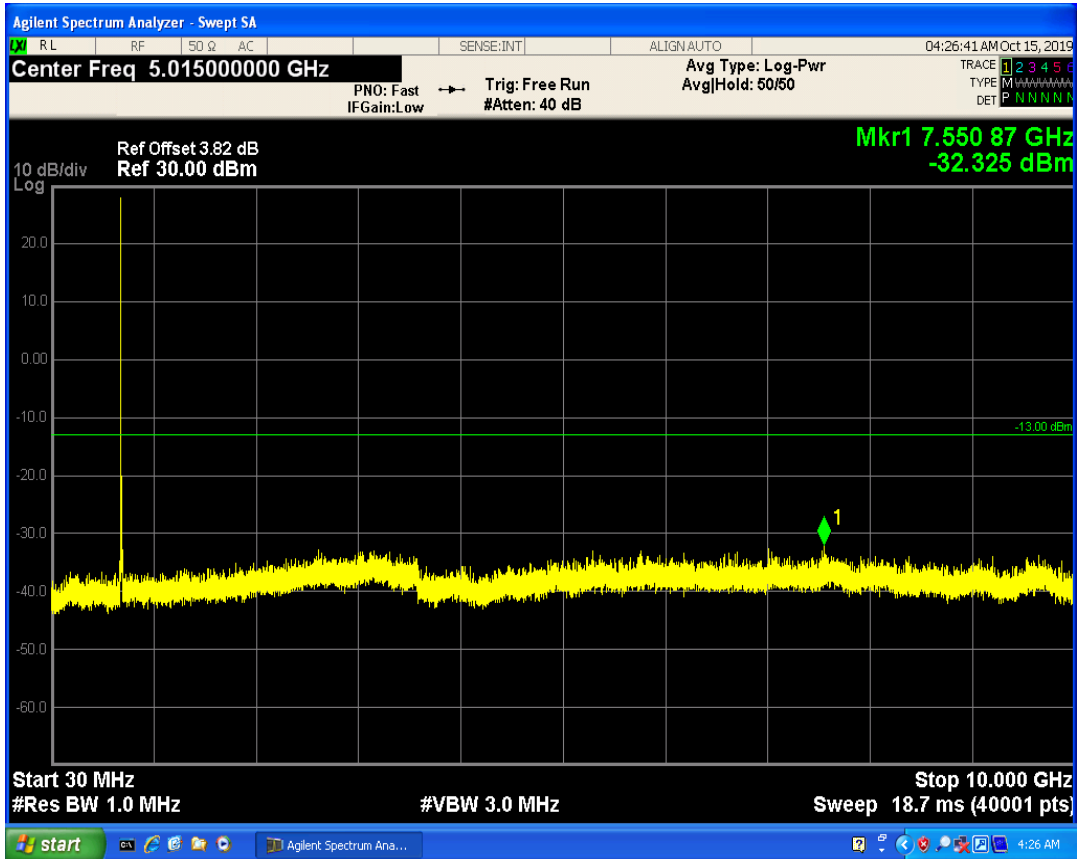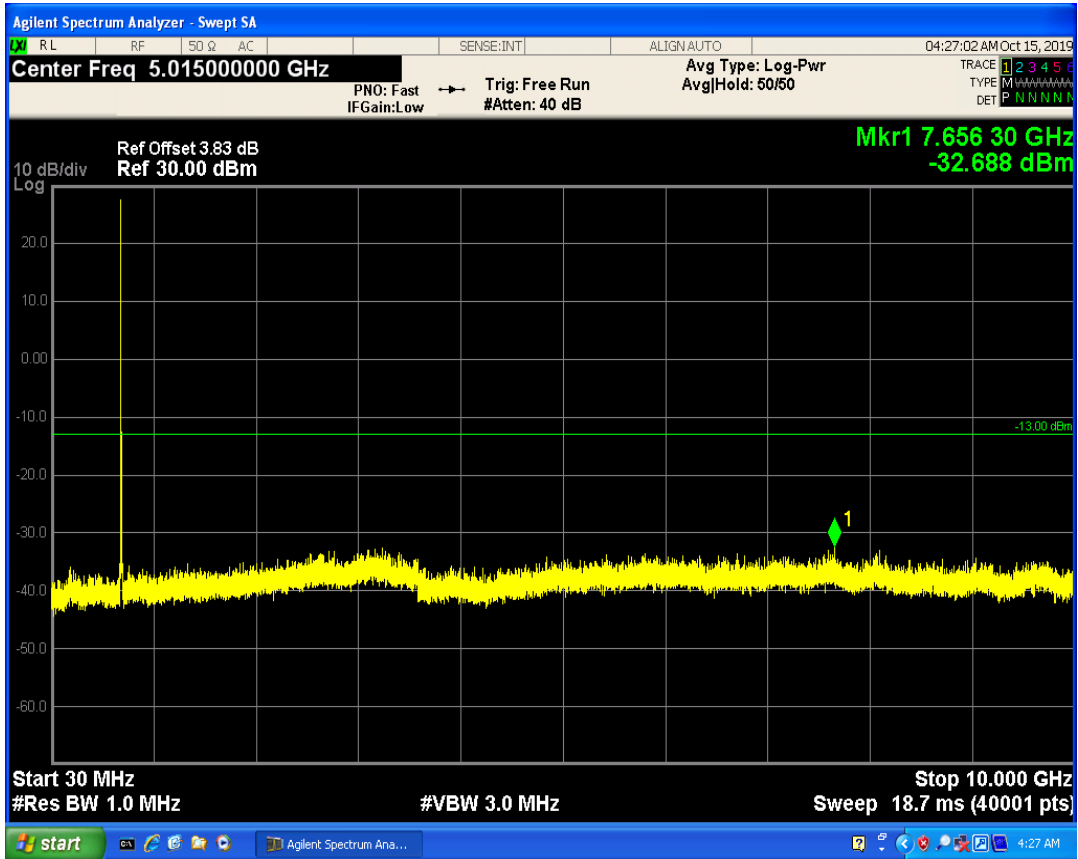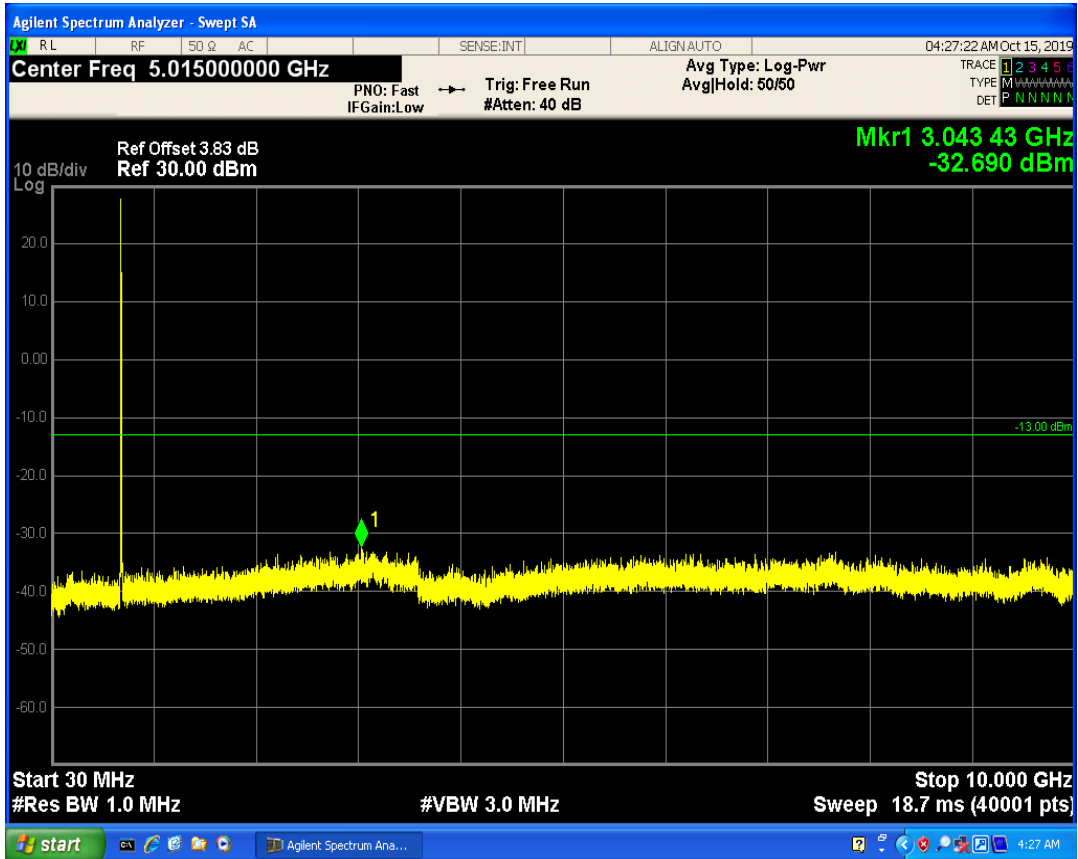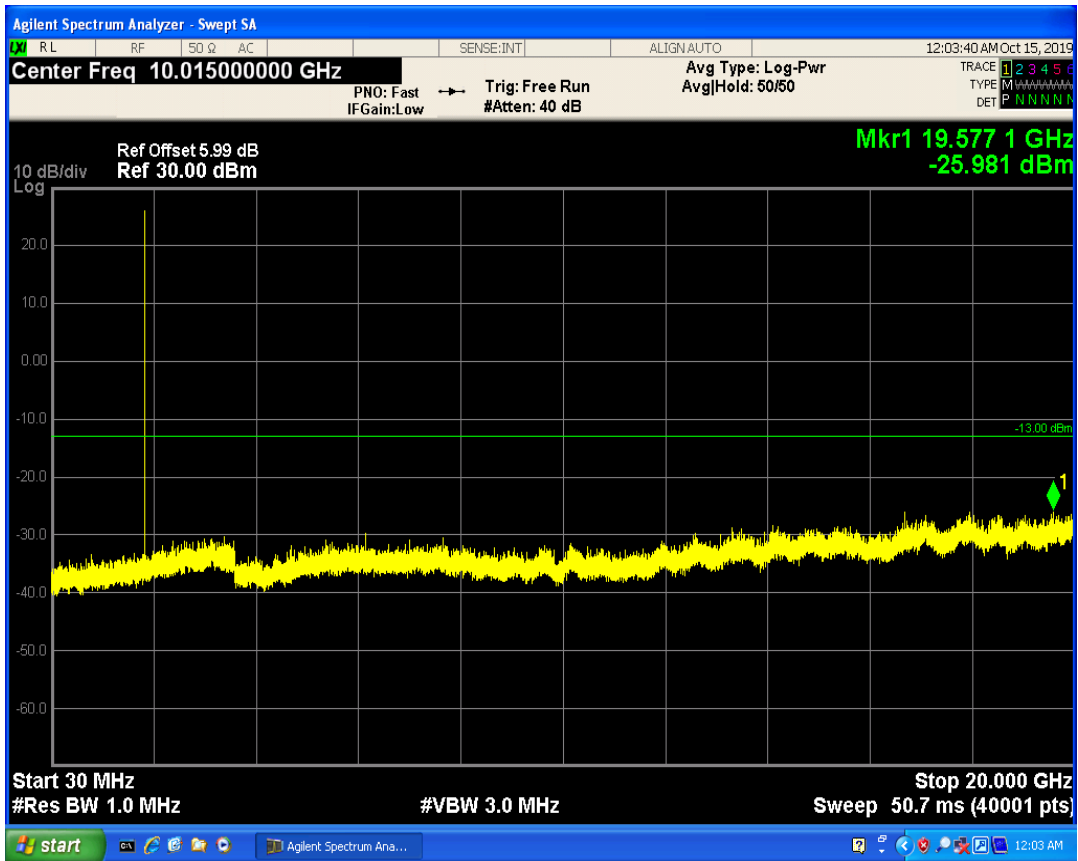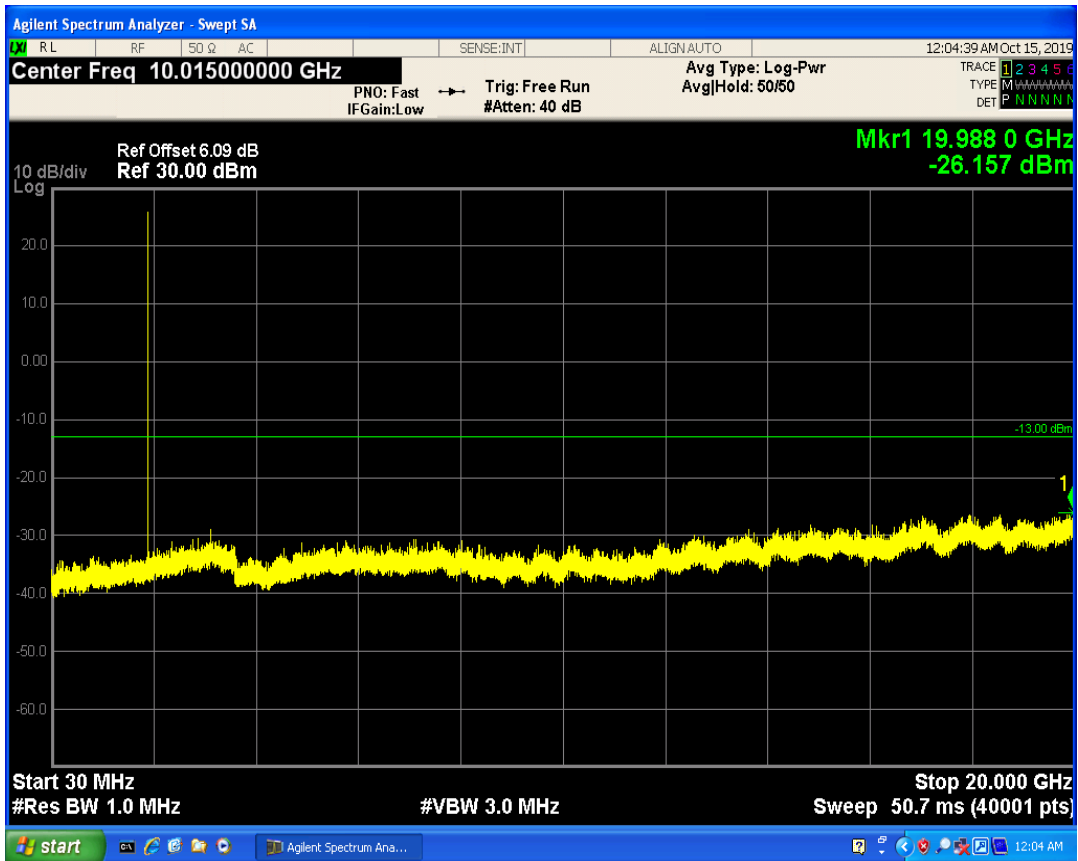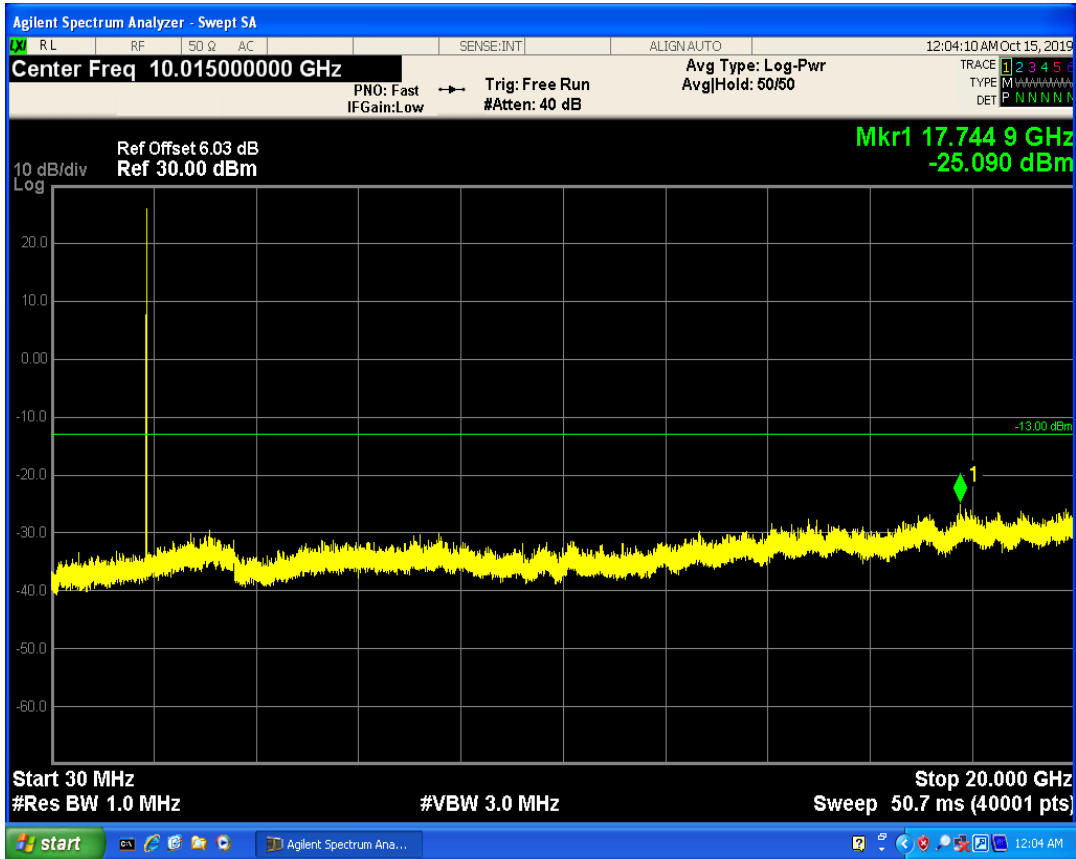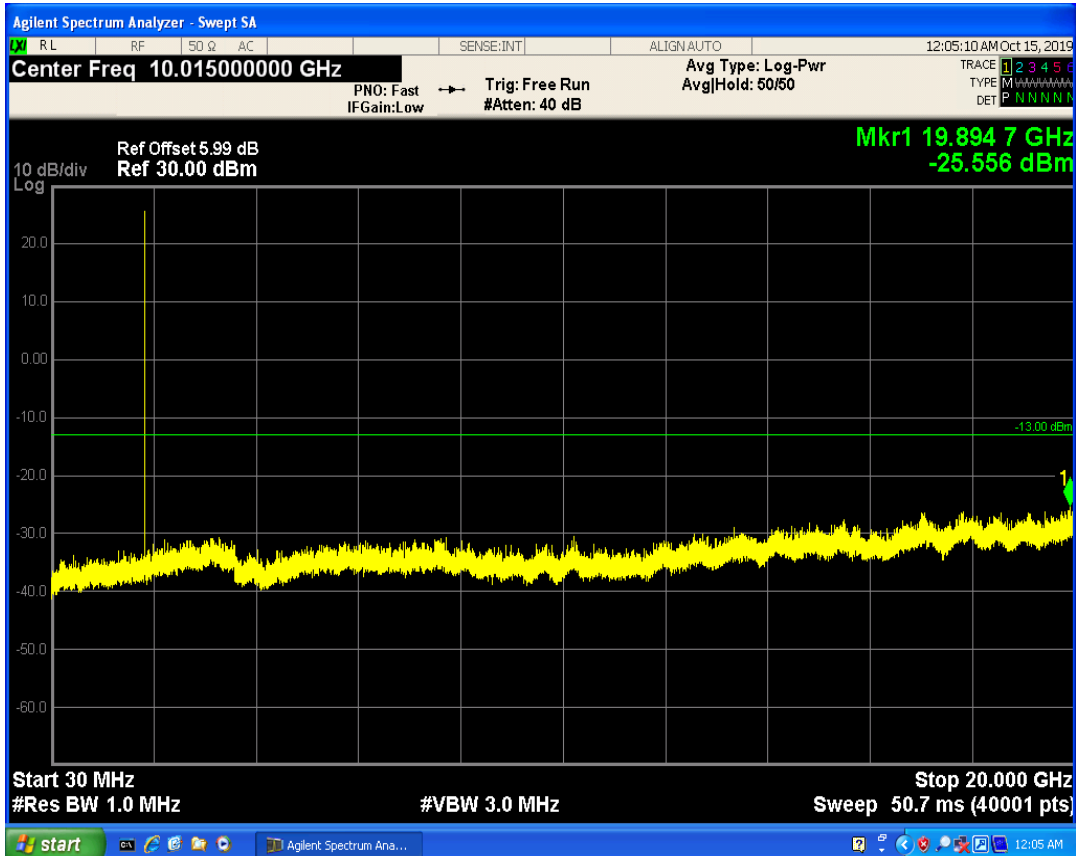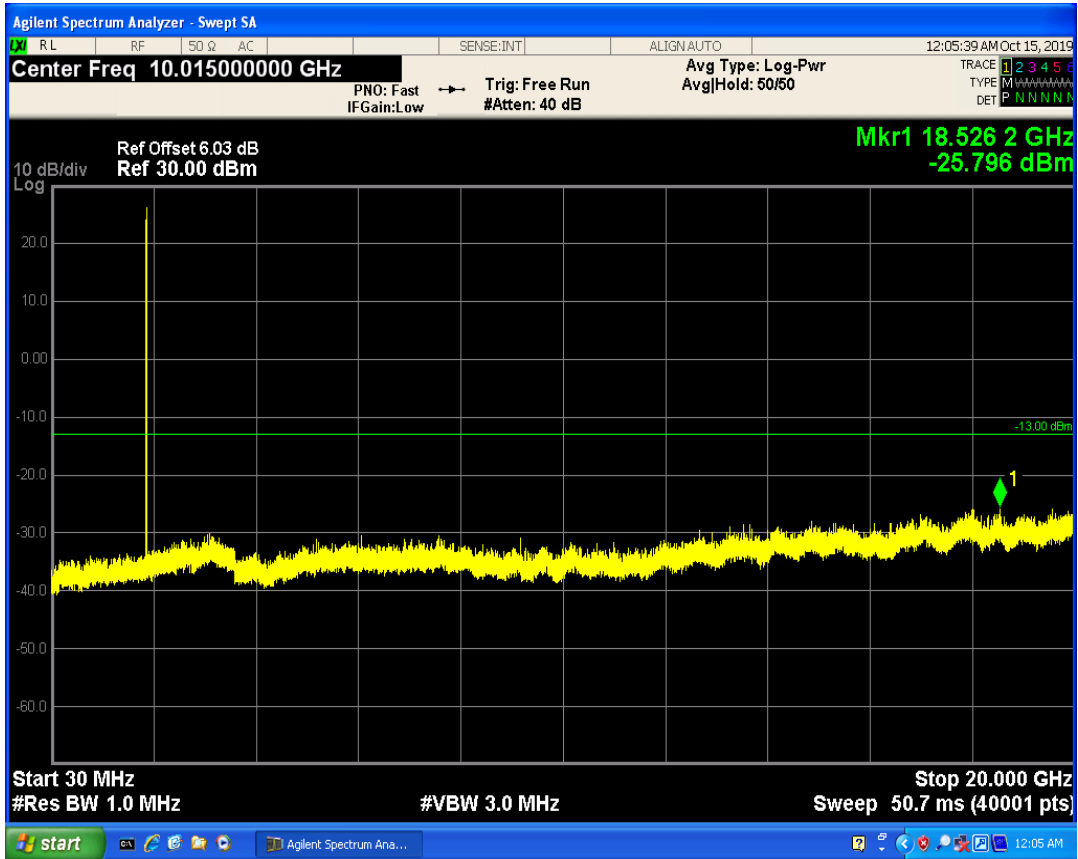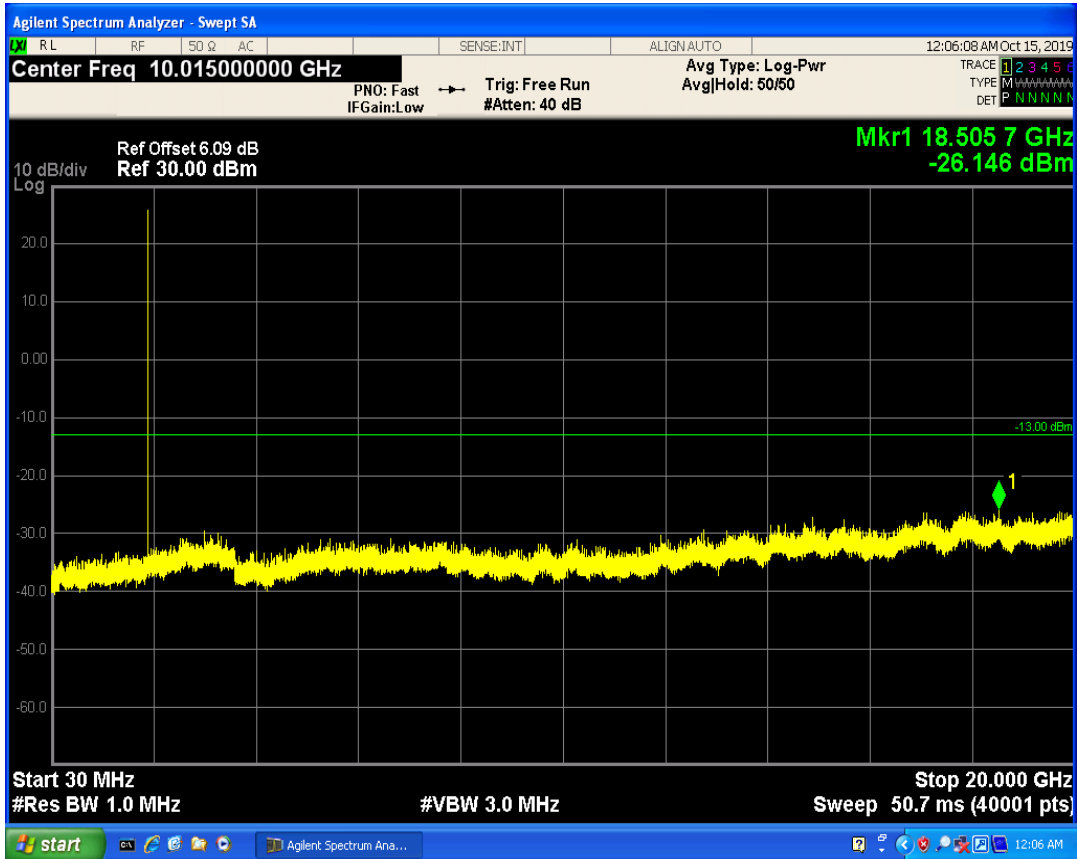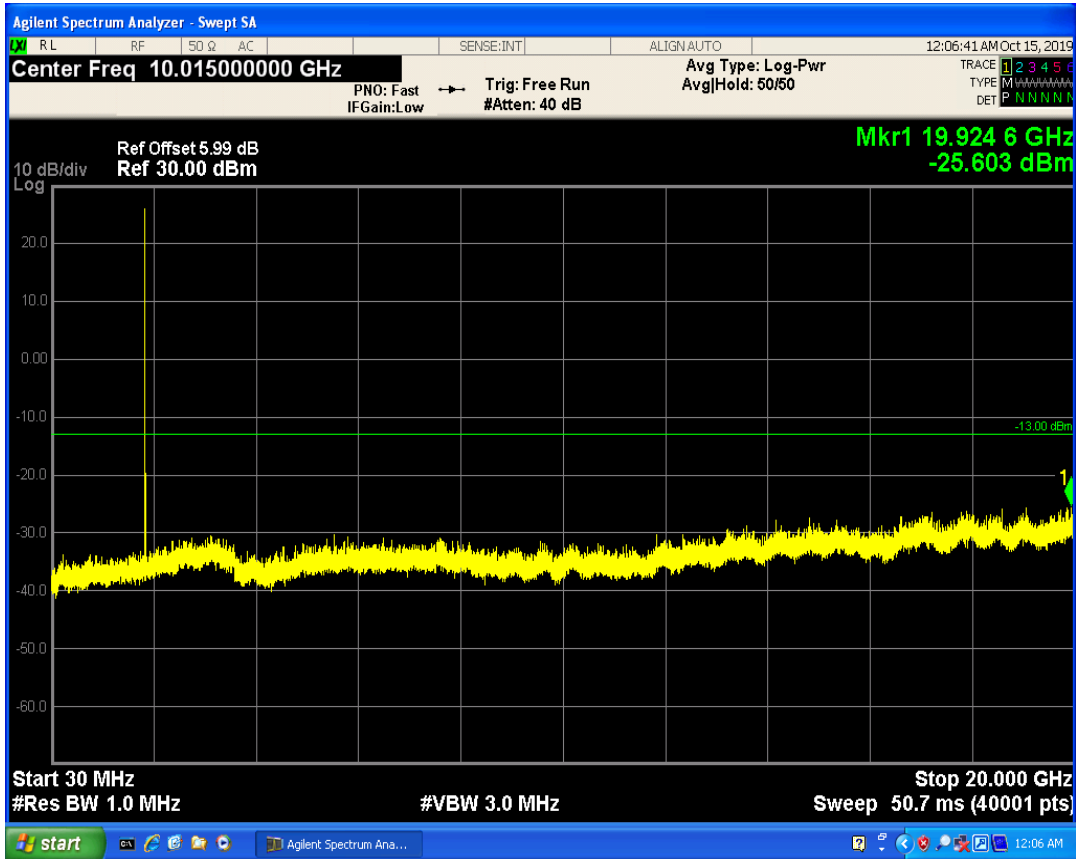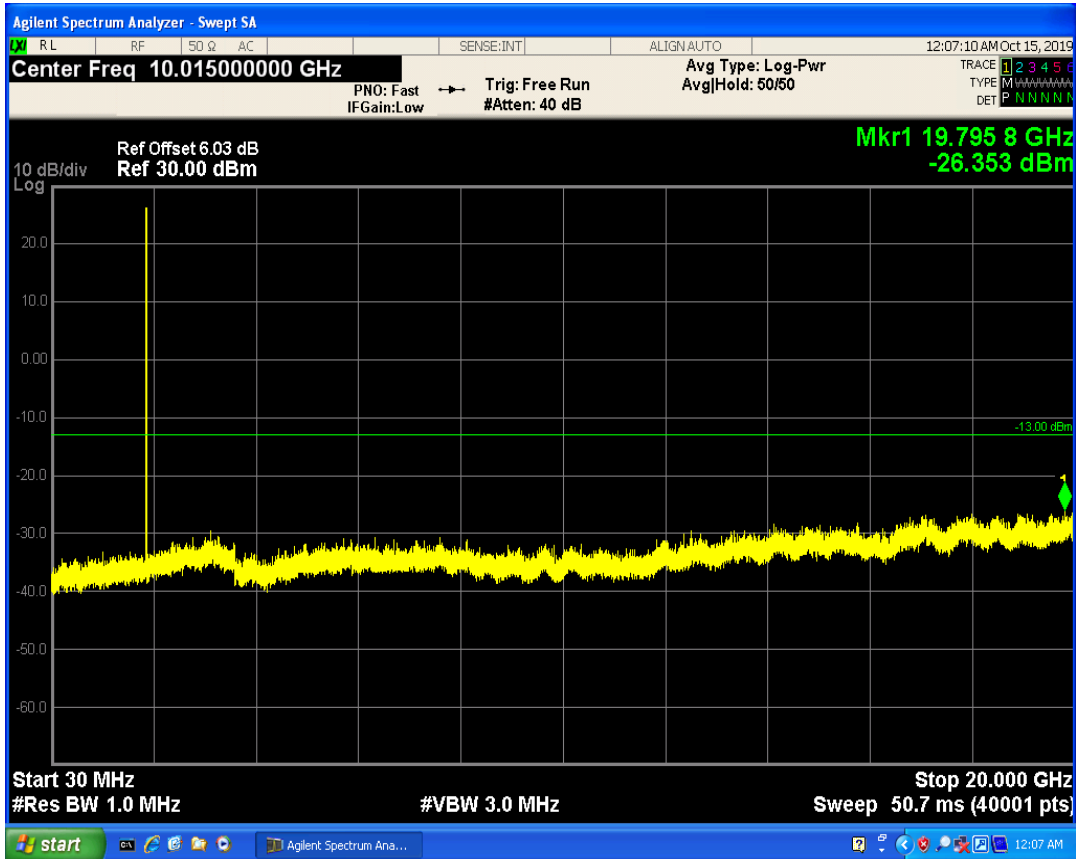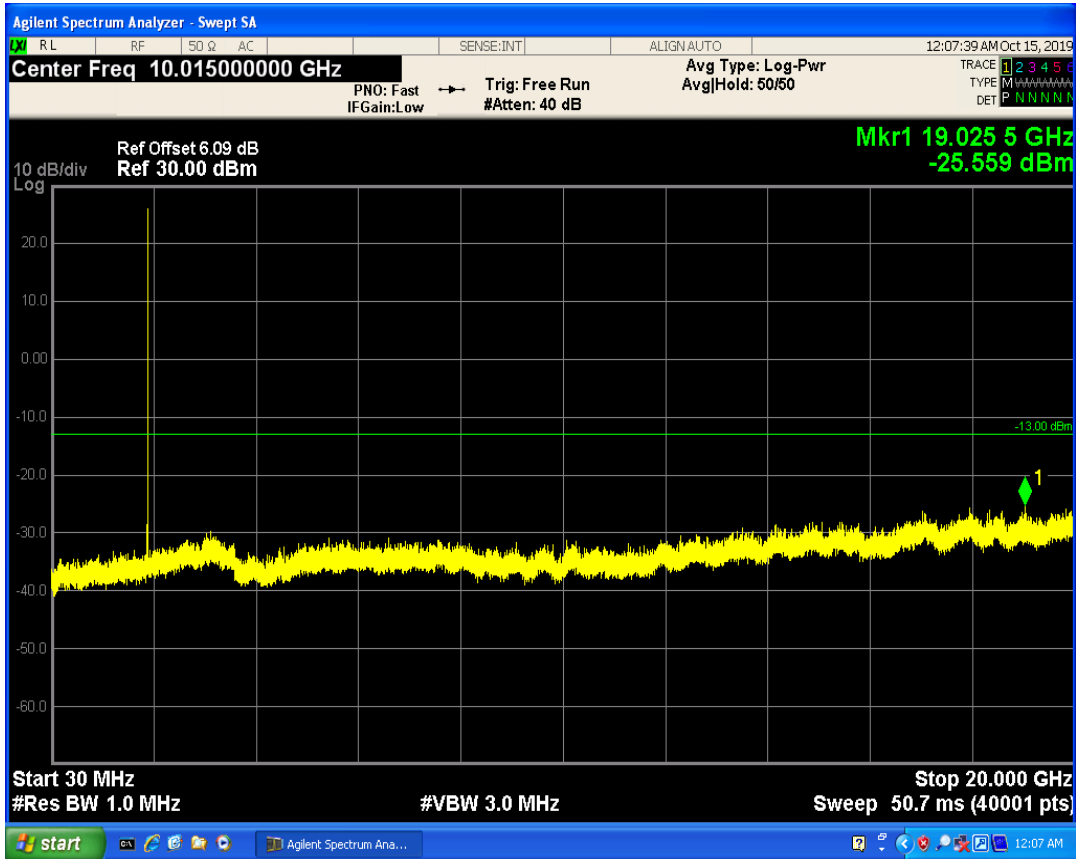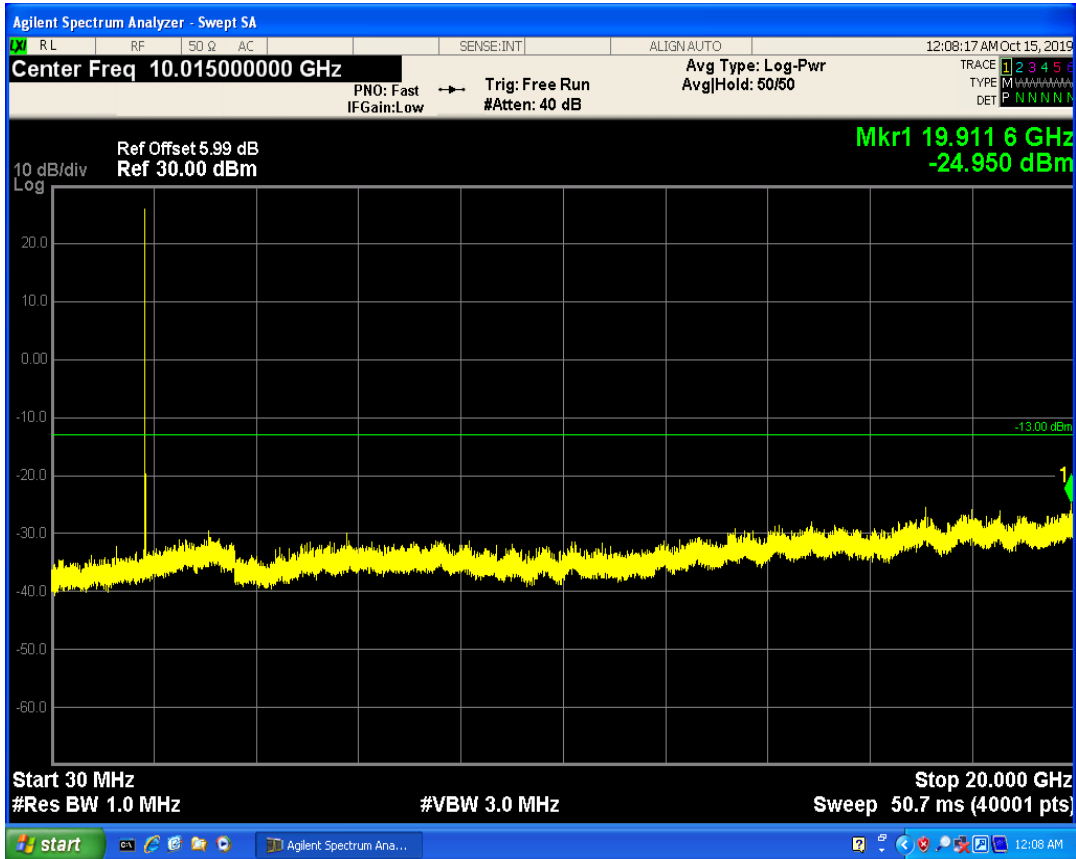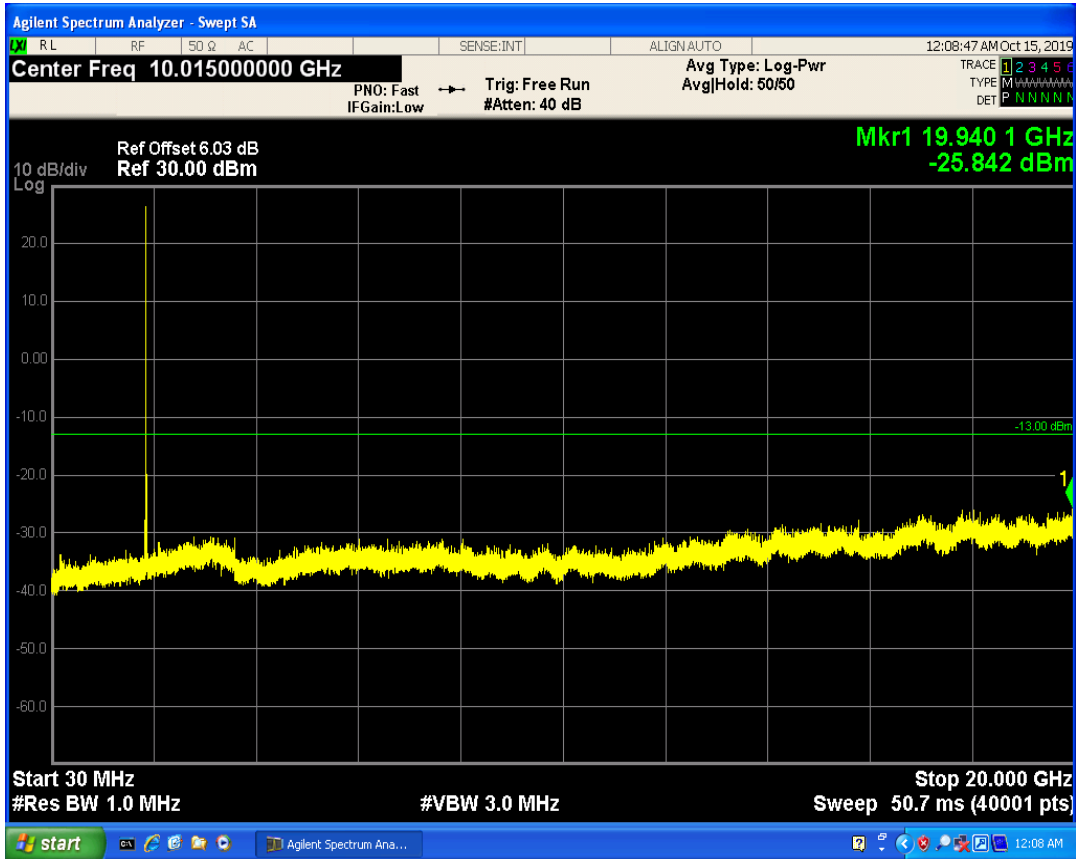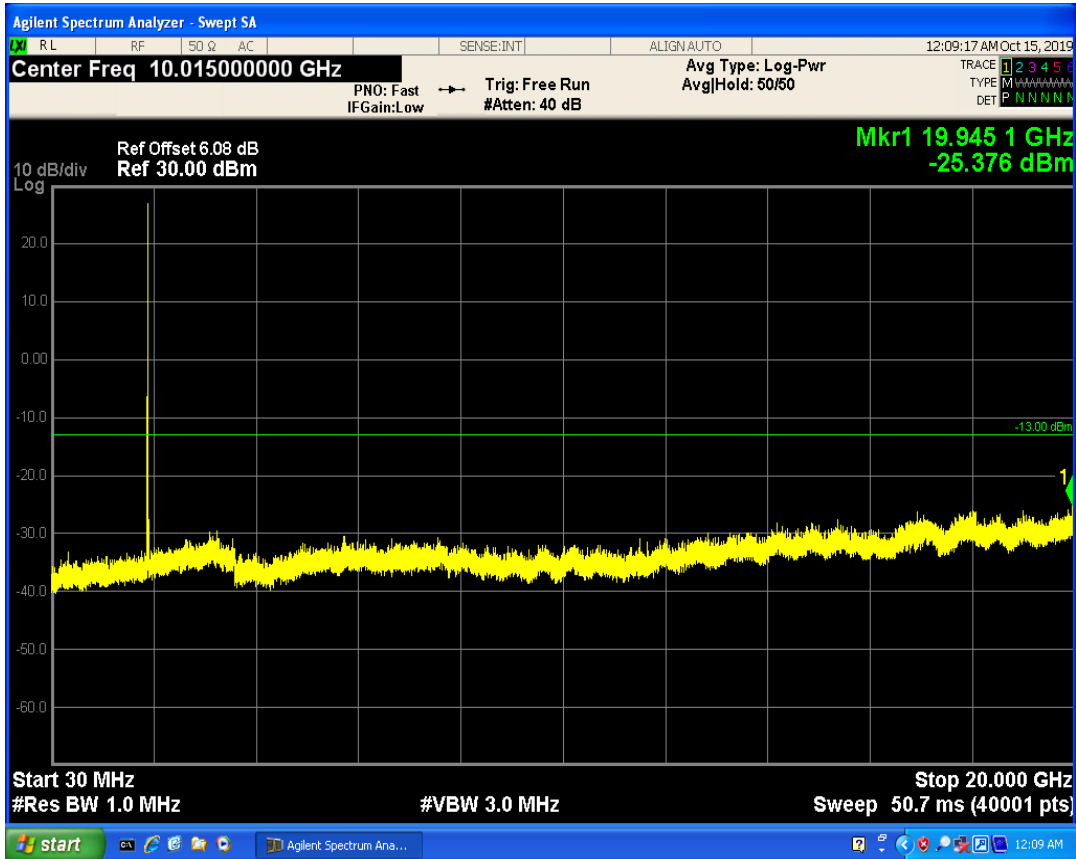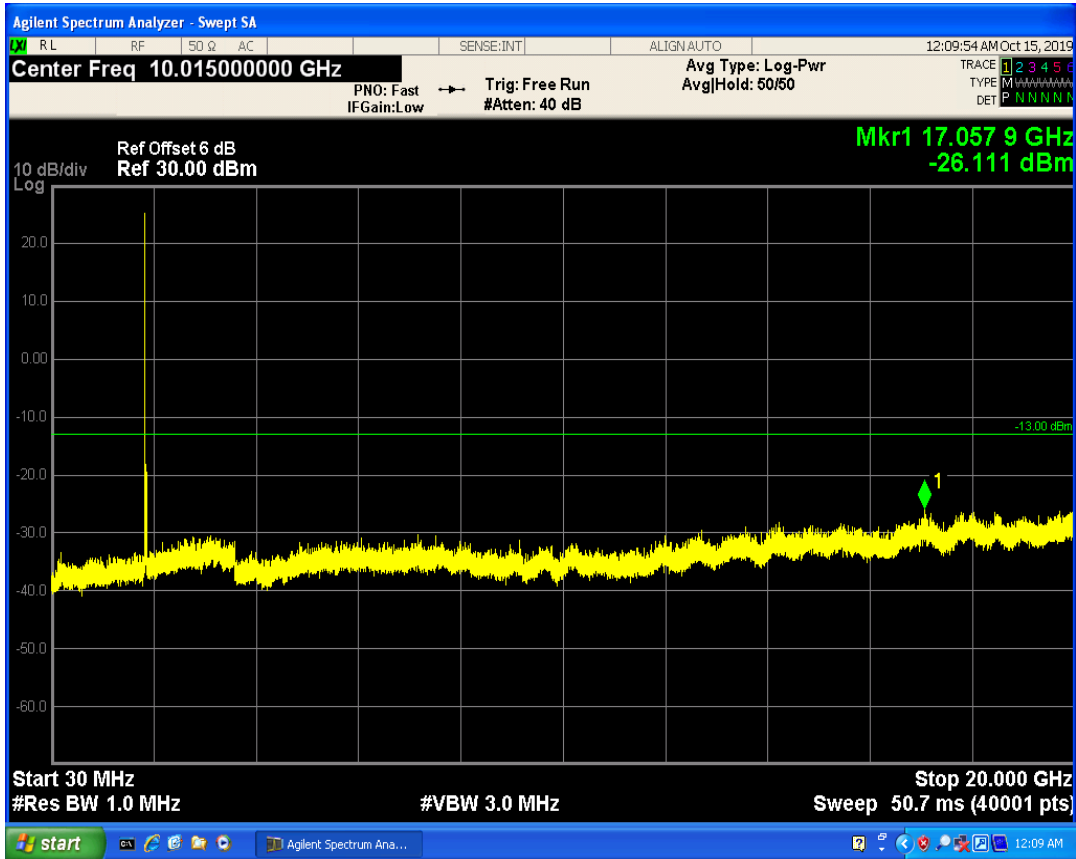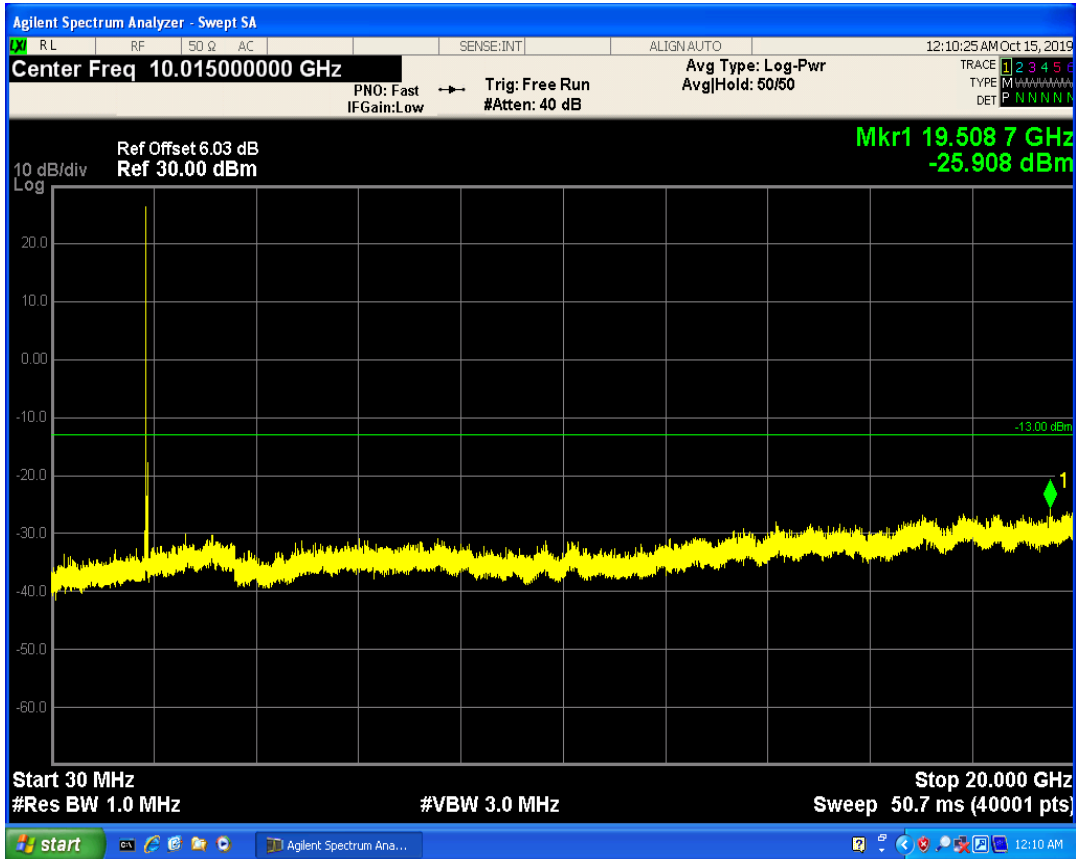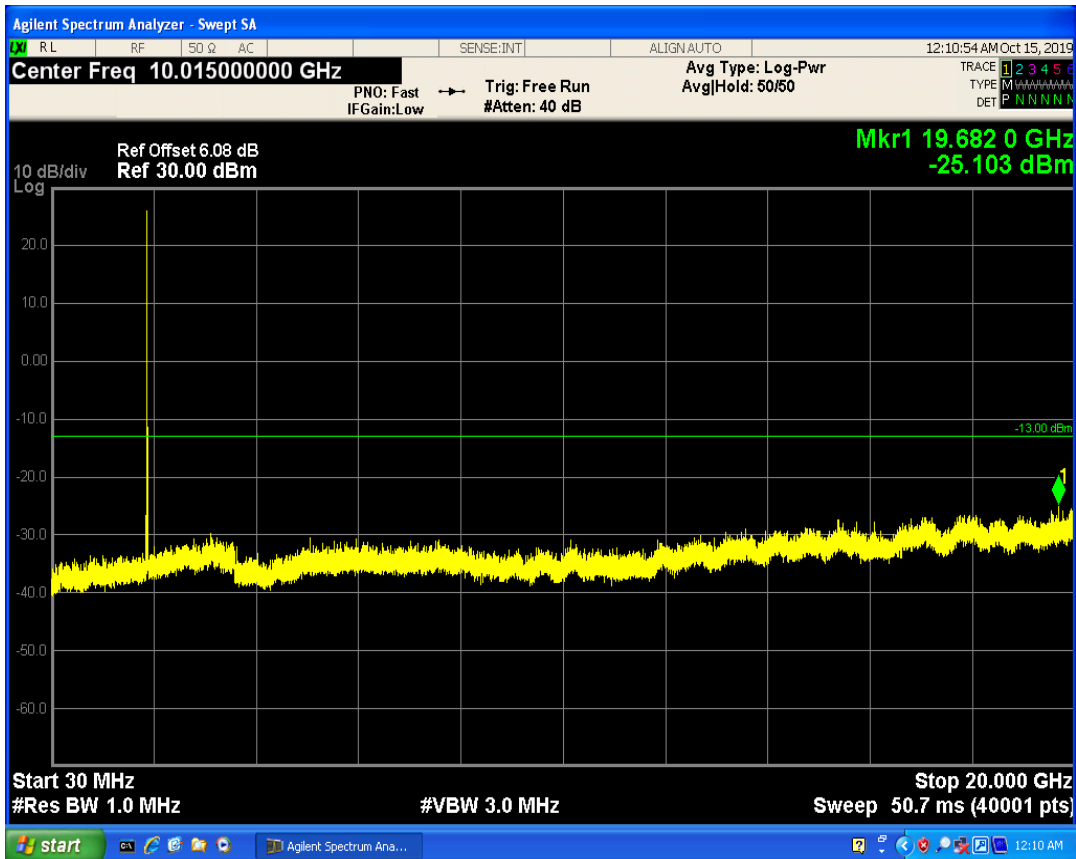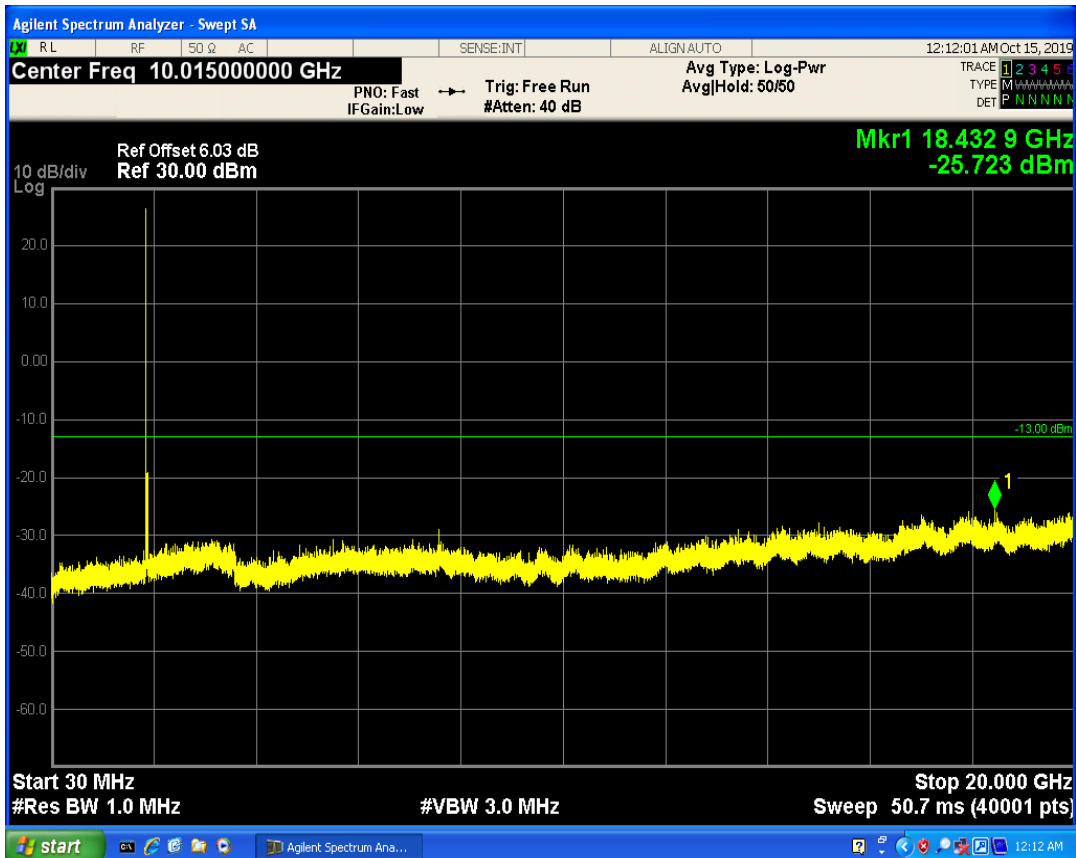LTE Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0

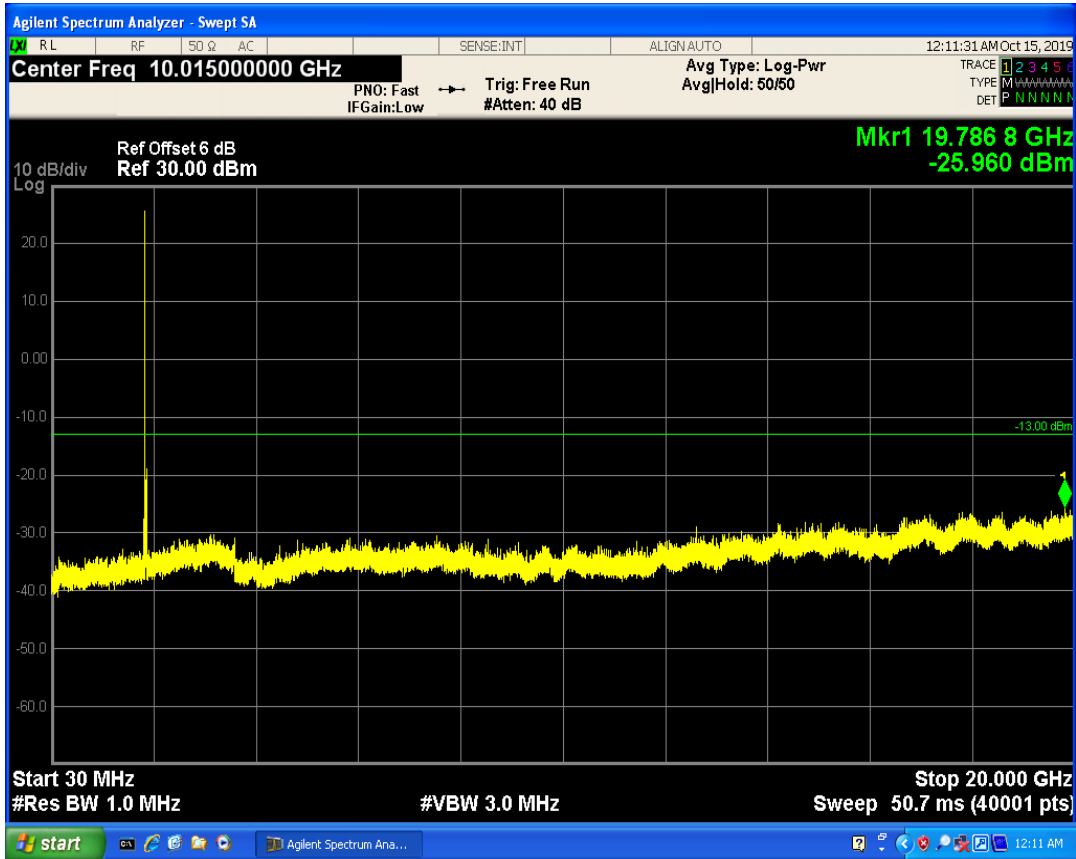LTE Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0

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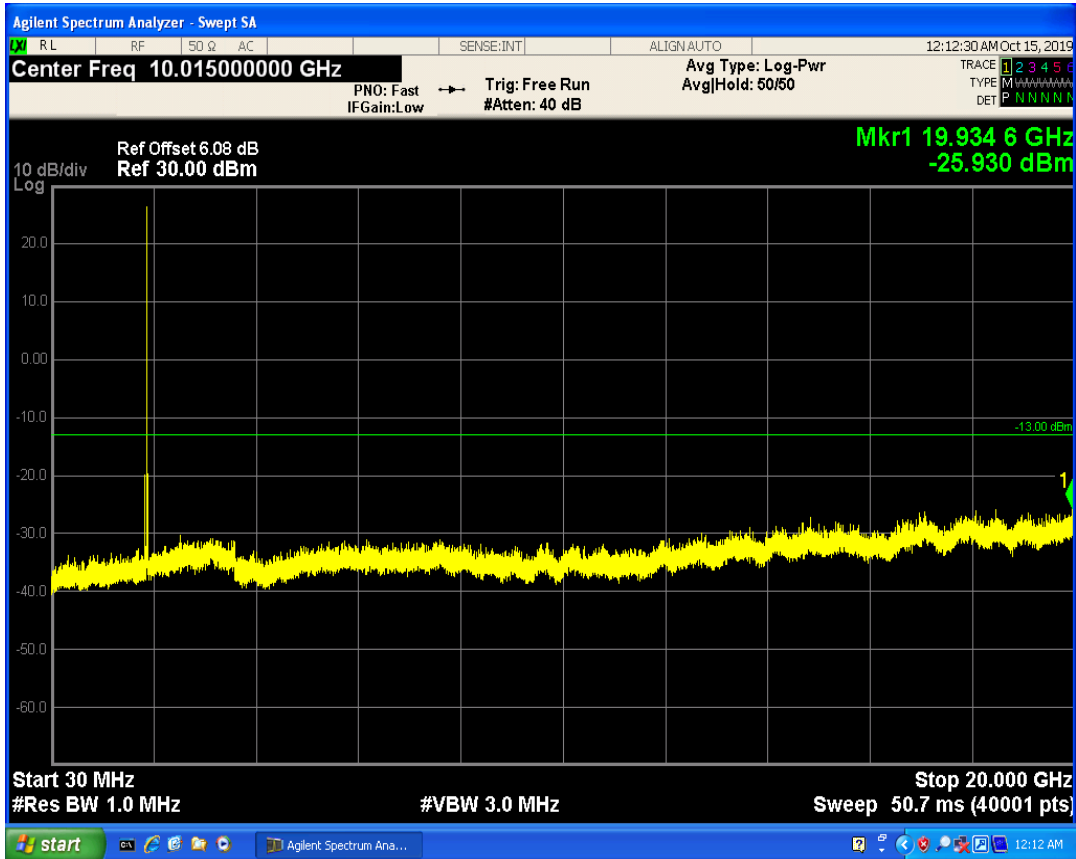

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Report No.: STR191009001006E

LTE Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0

LTE Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0

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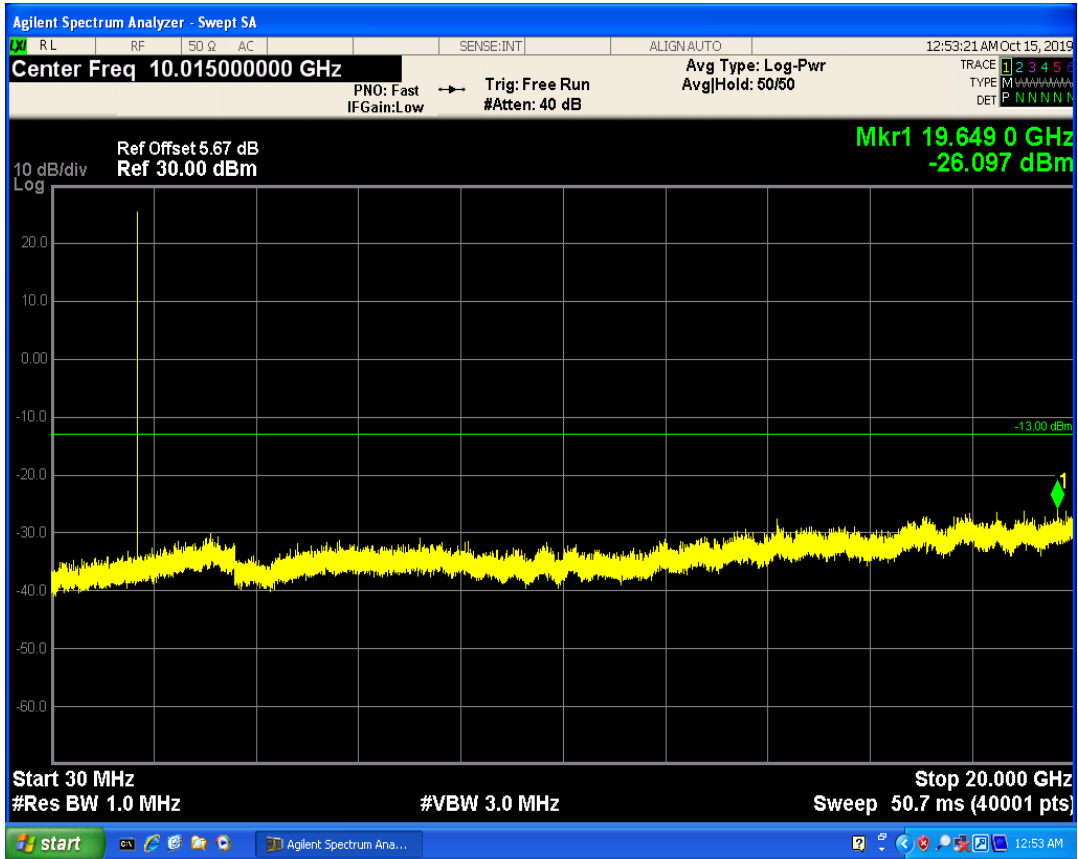LTE Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0

LTE Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0

LTE Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0

LTE Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0

LTE Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0

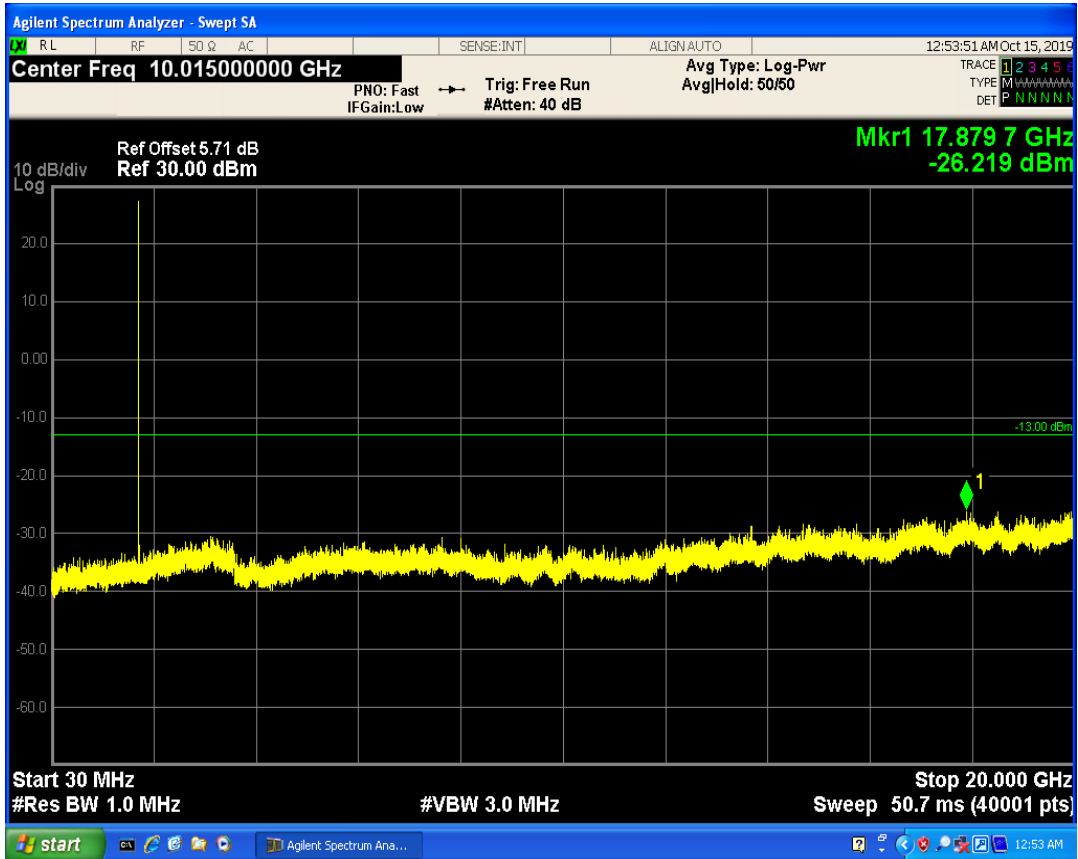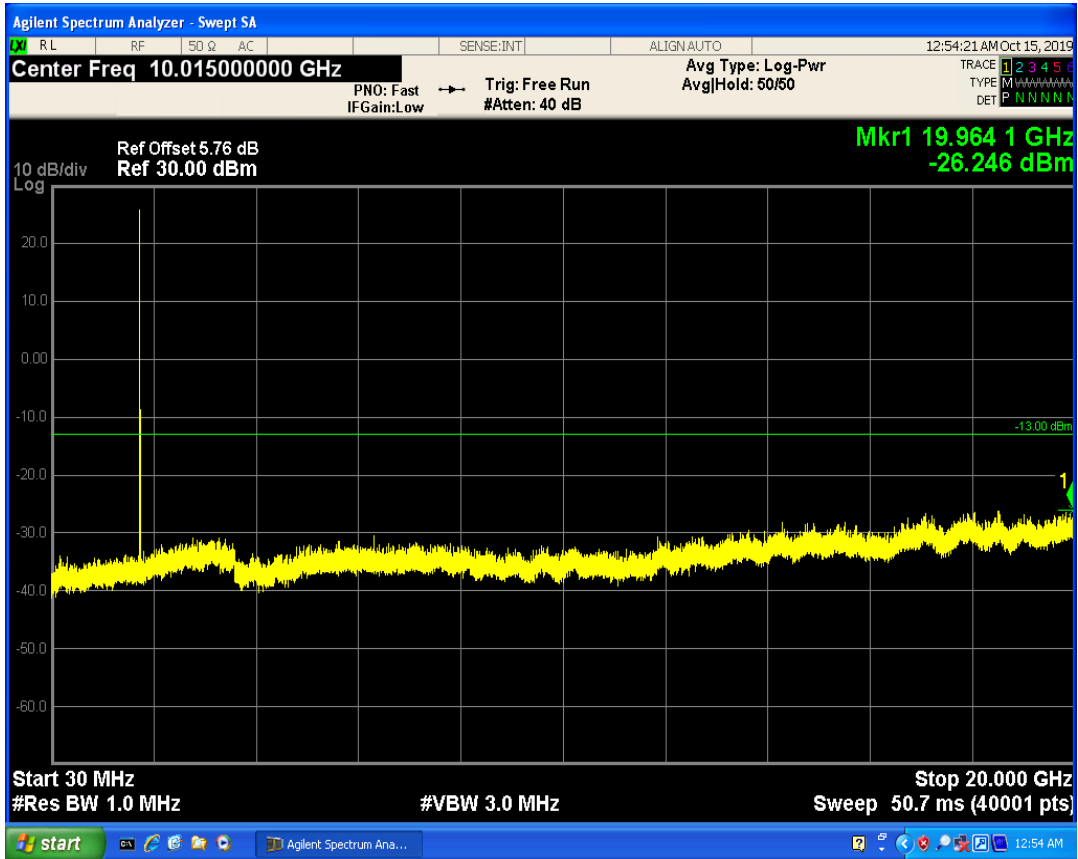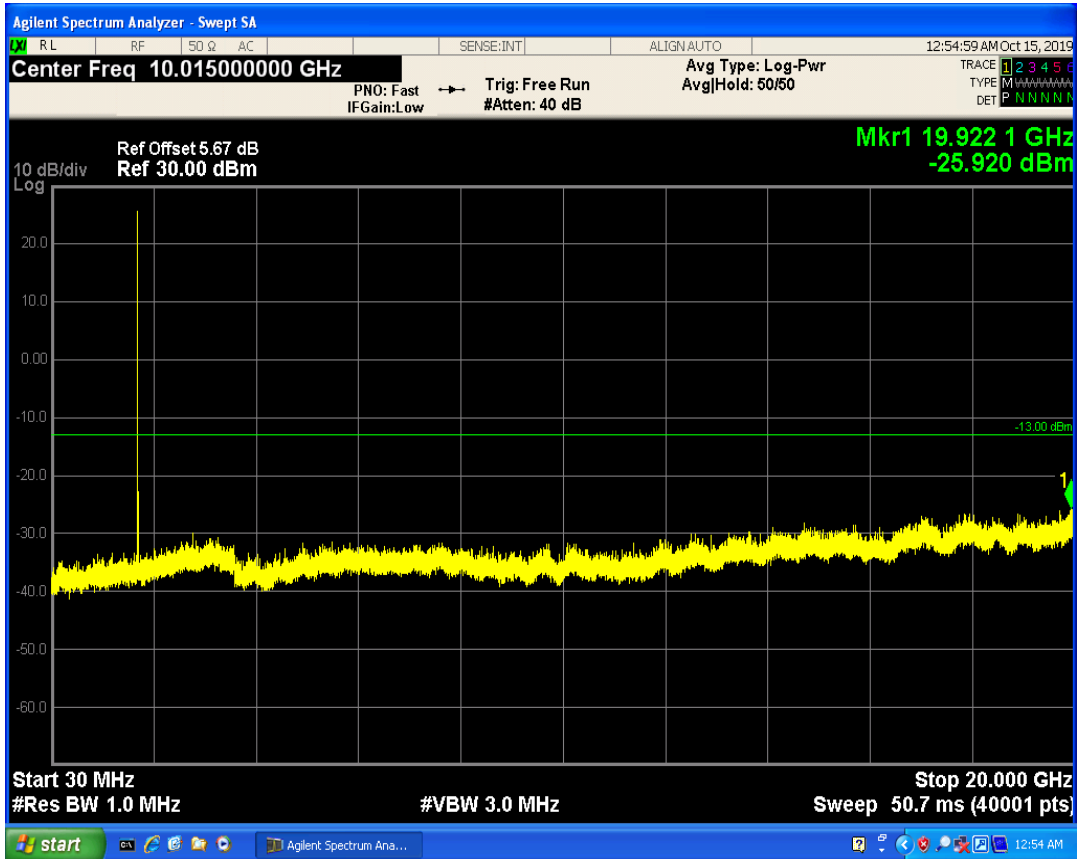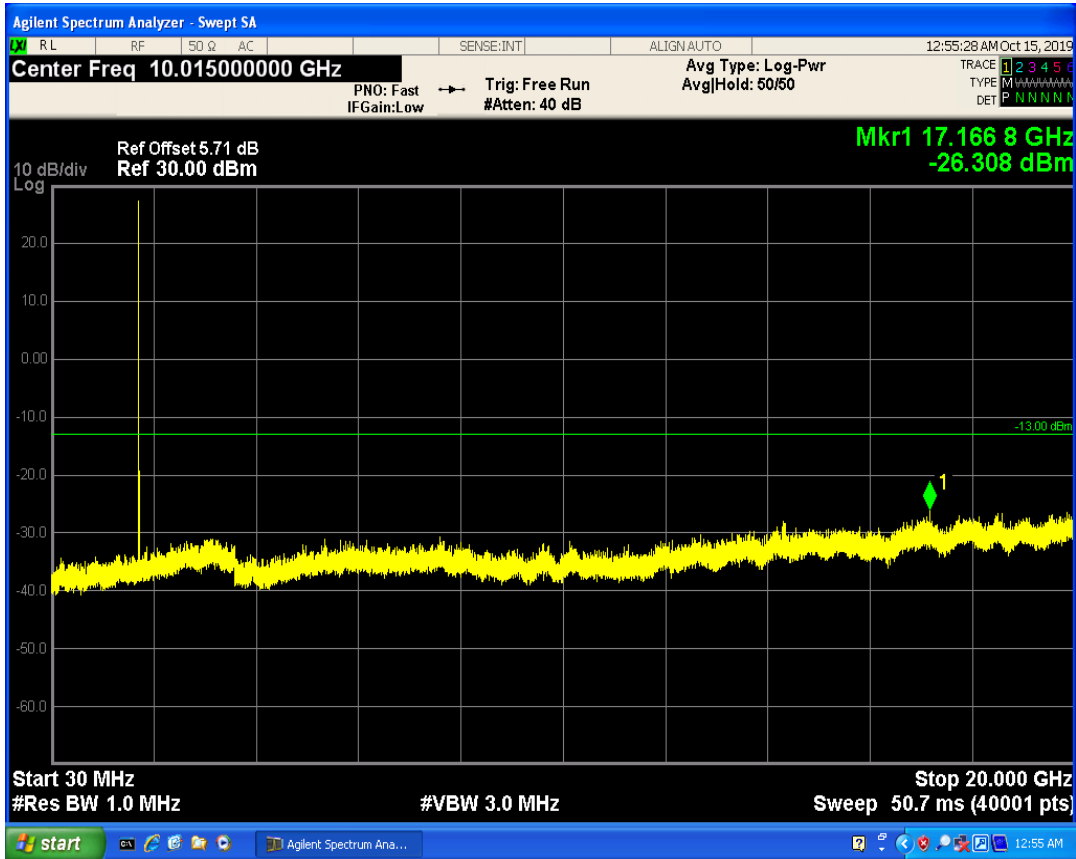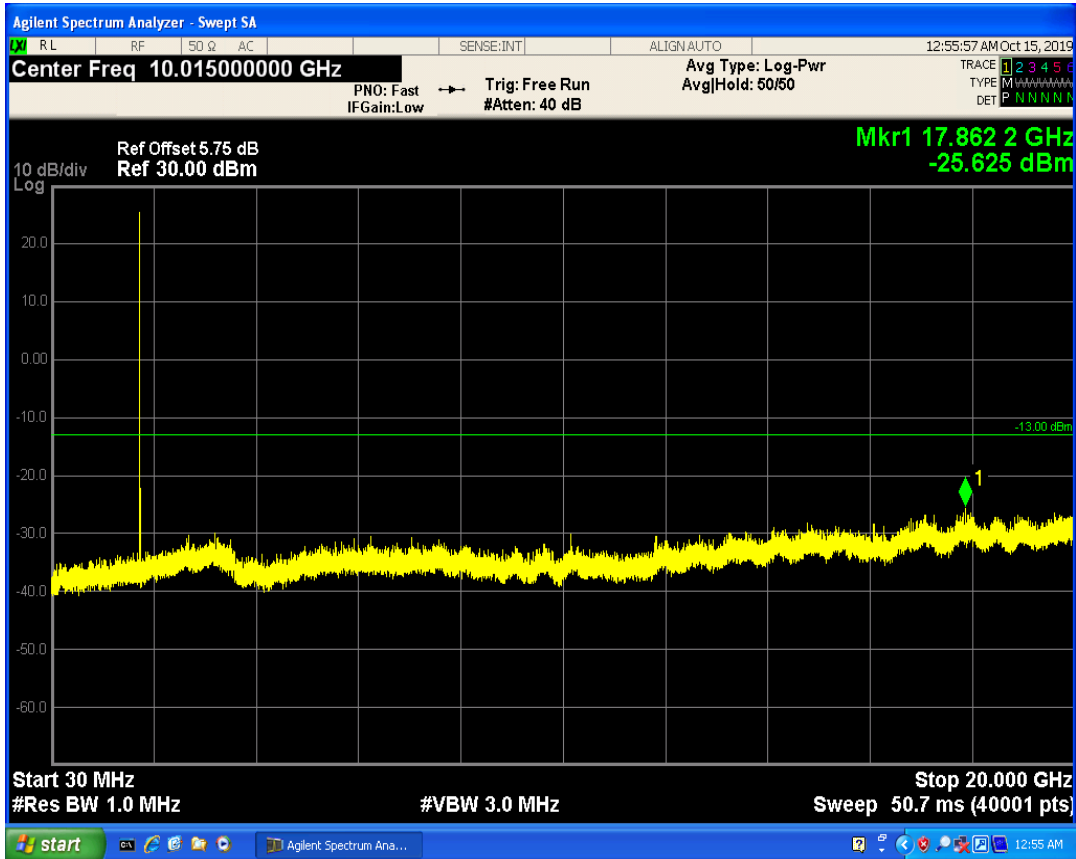LTE Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0

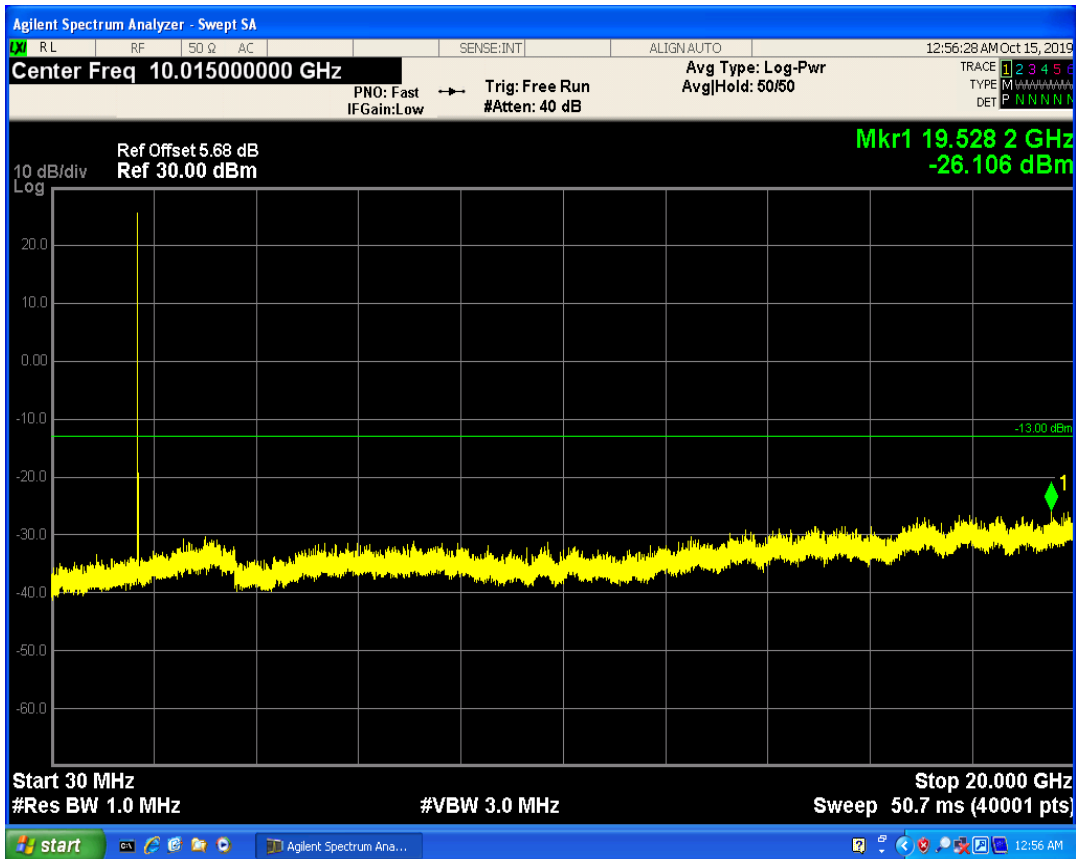LTE Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0

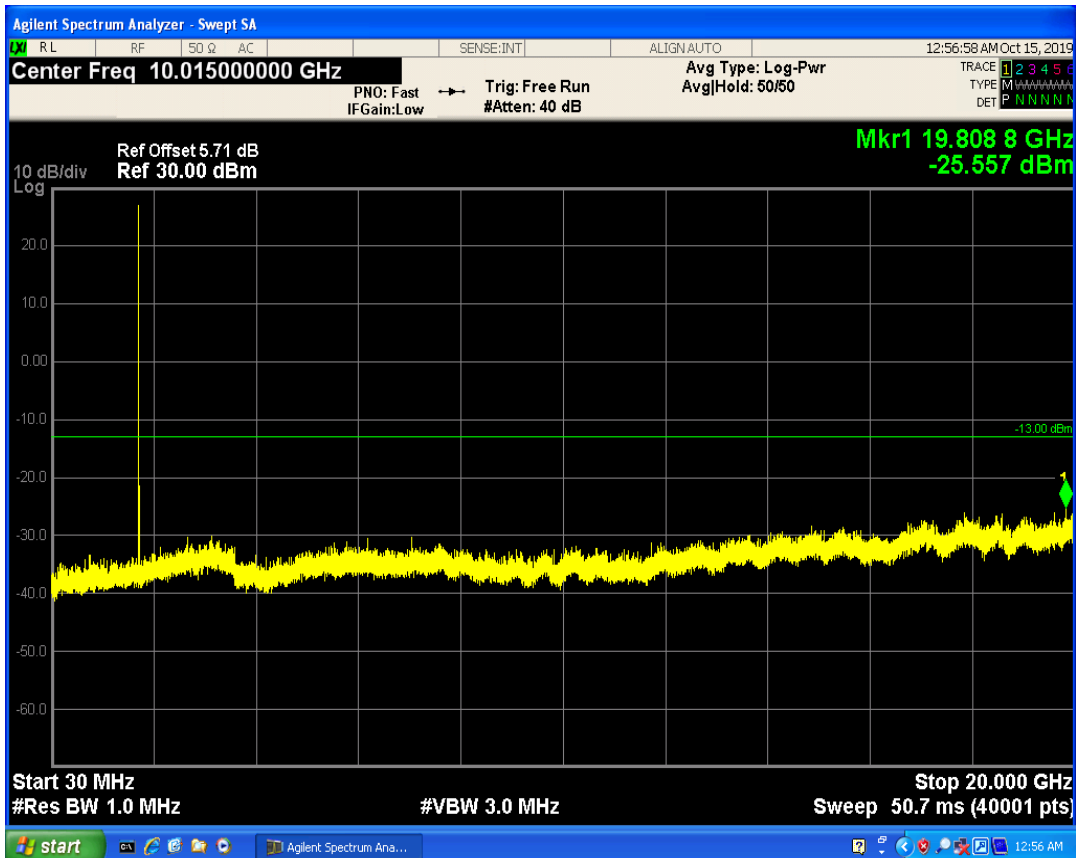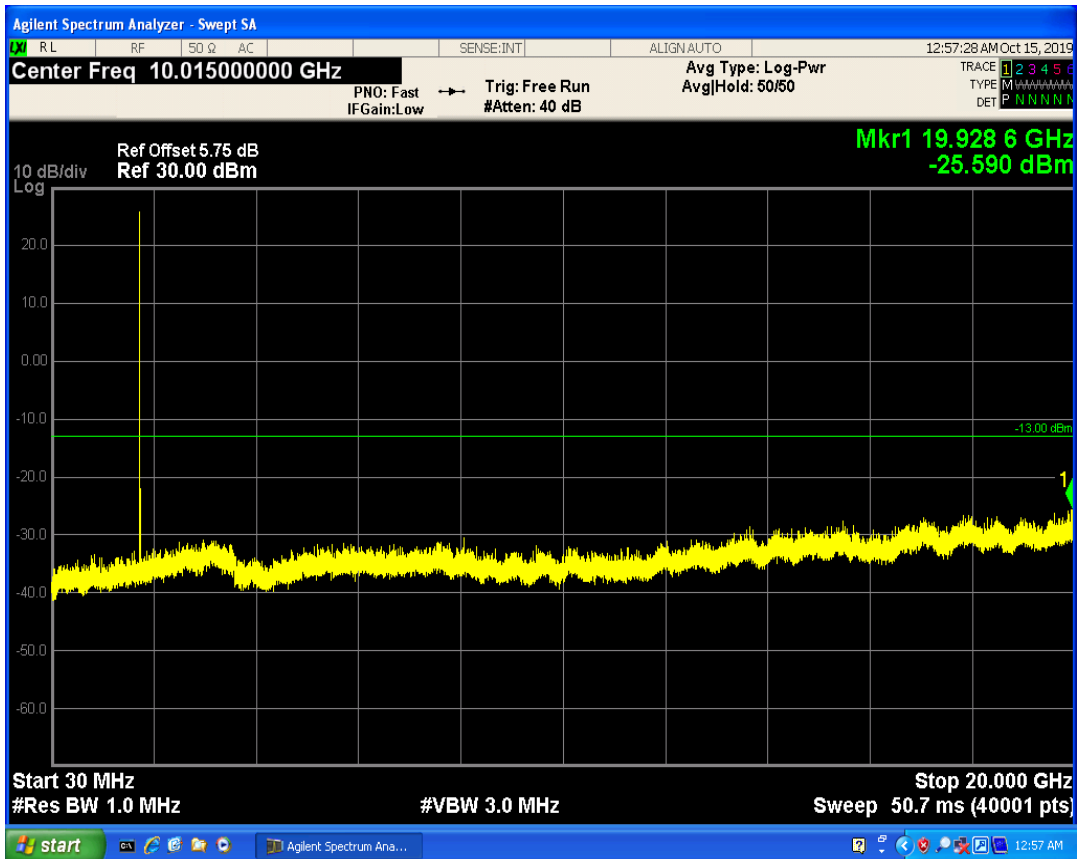LTE Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0

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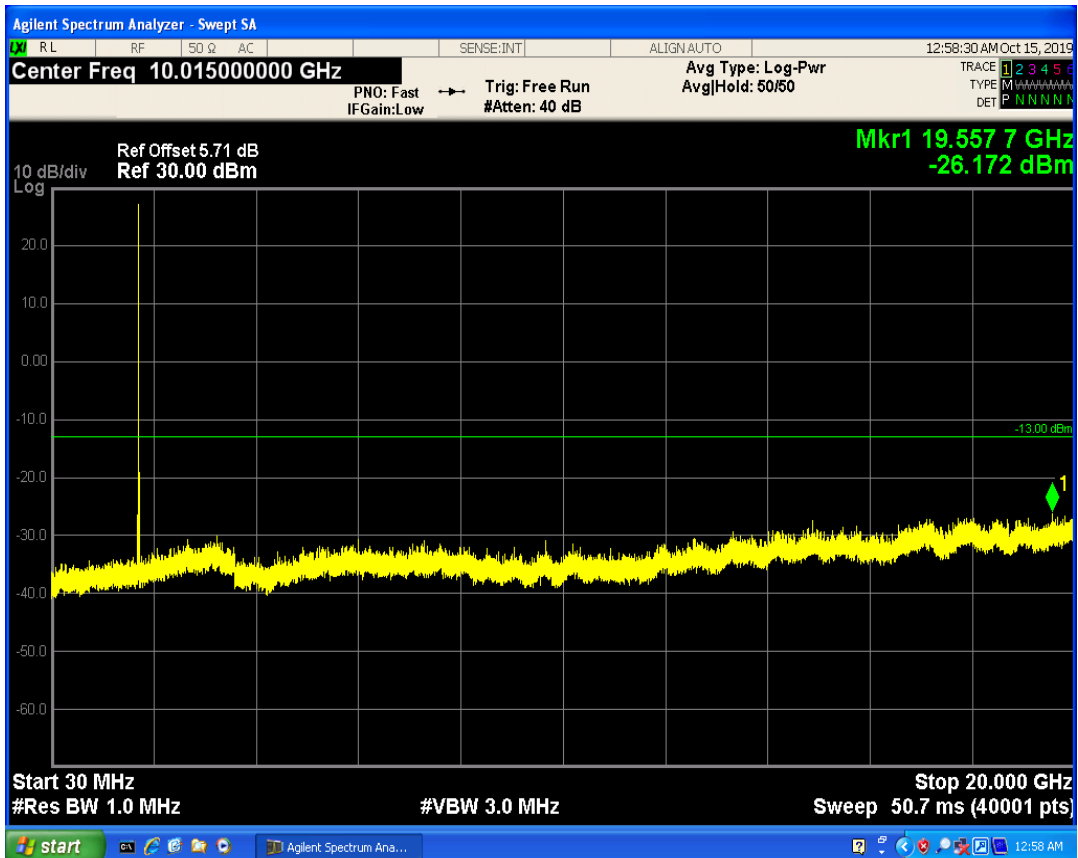LTE Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0

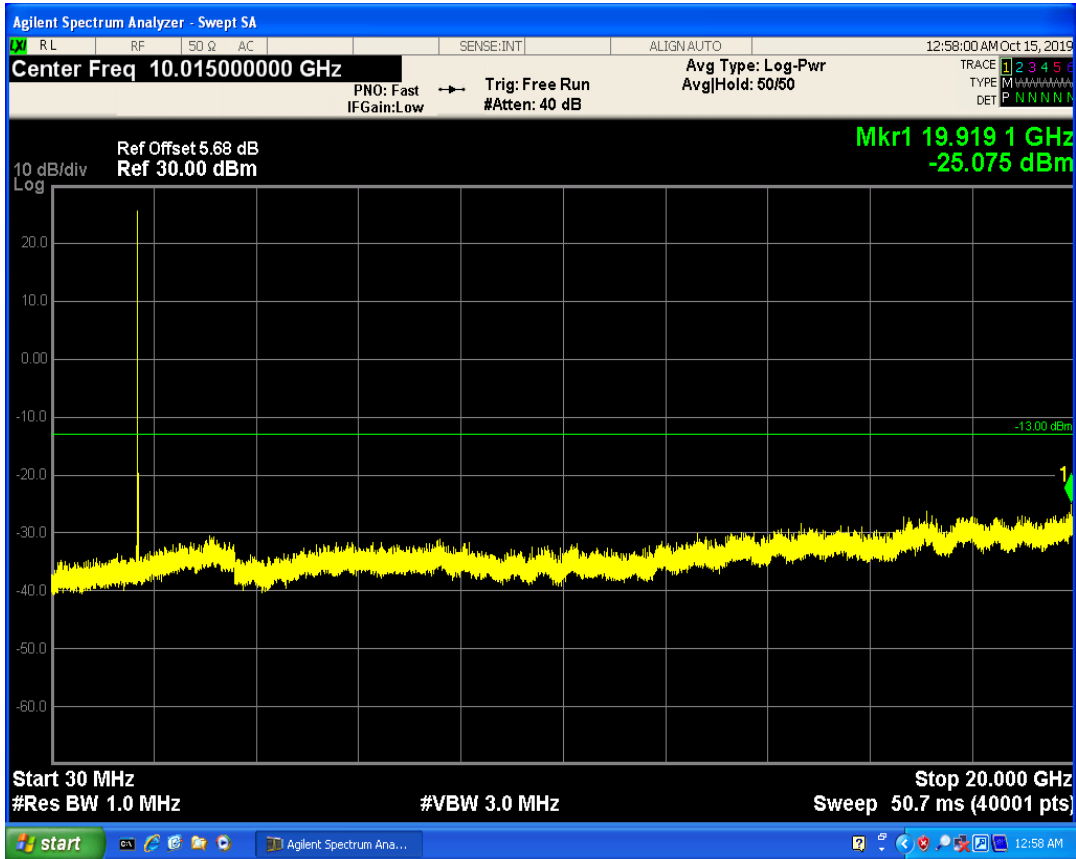LTE Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0

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LTE Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0

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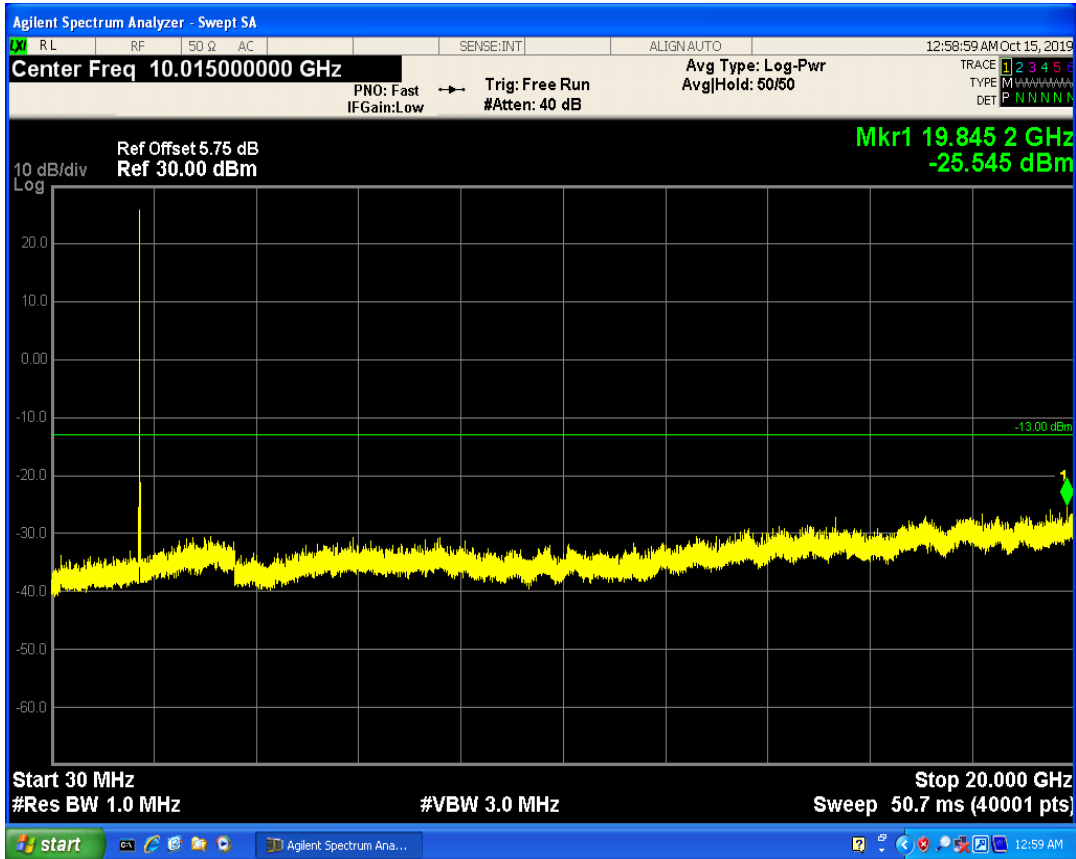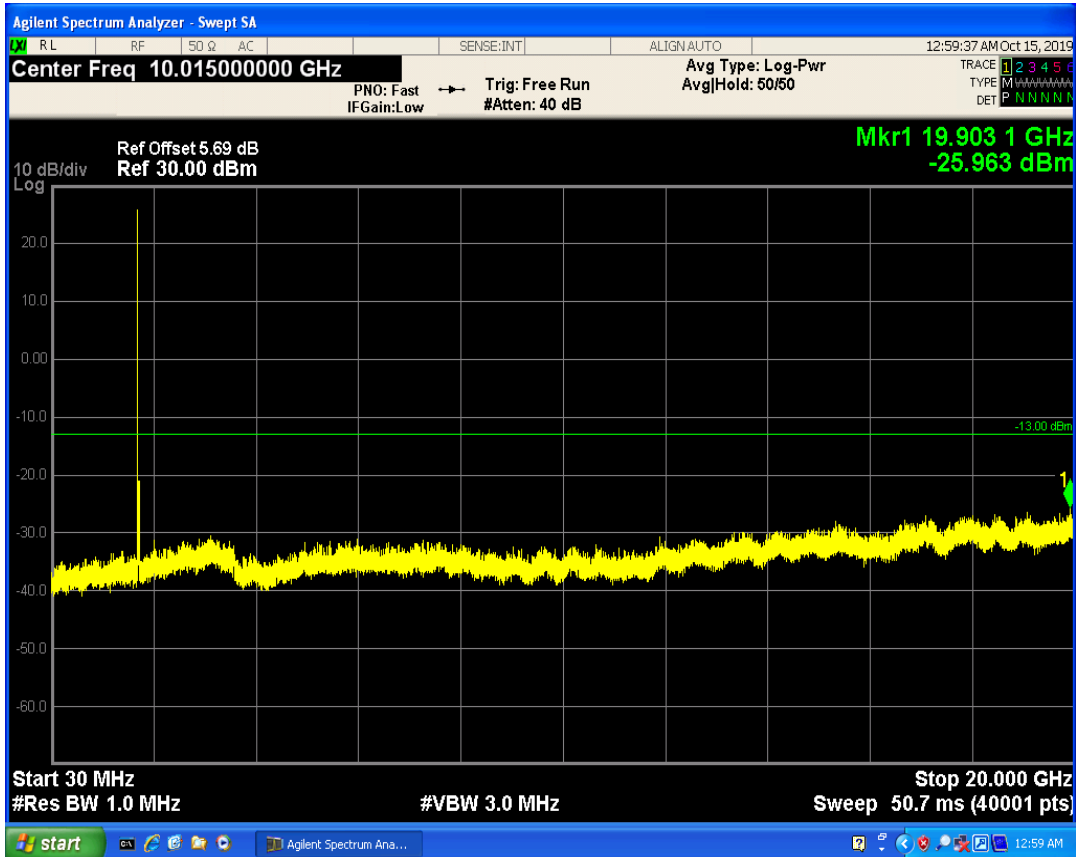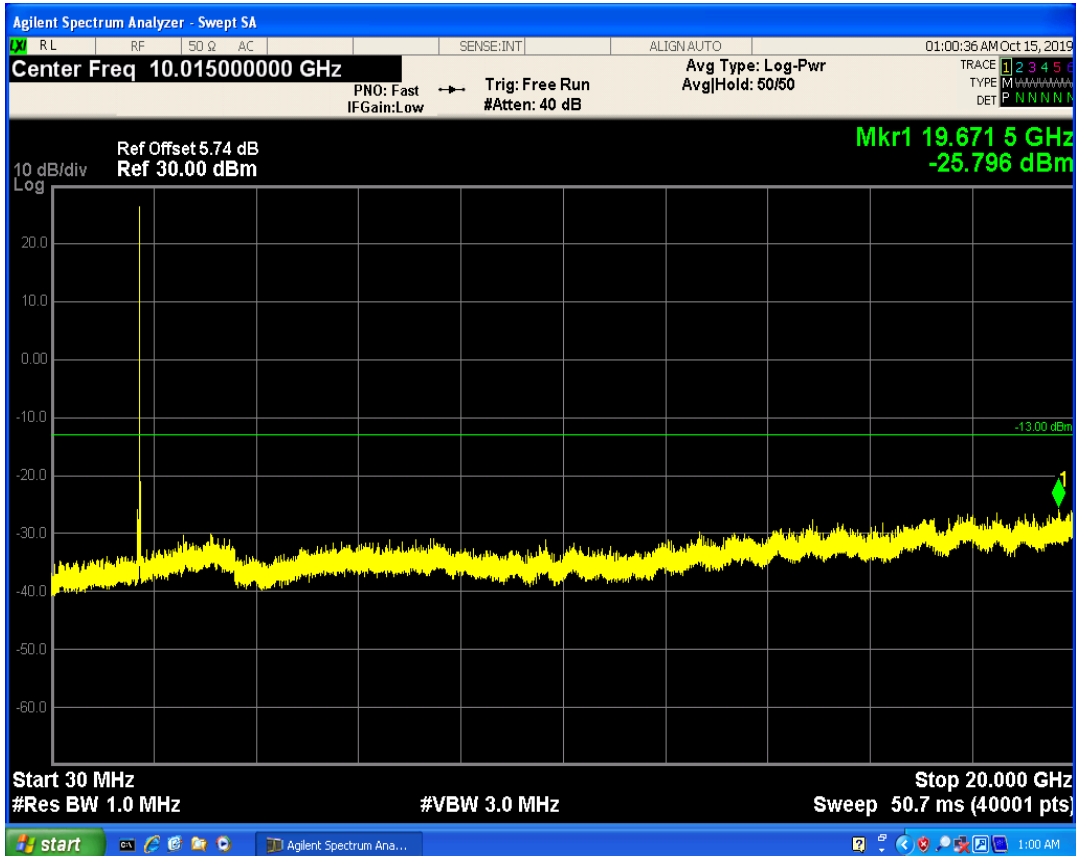
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LTE Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0

LTE Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0

LTE Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0

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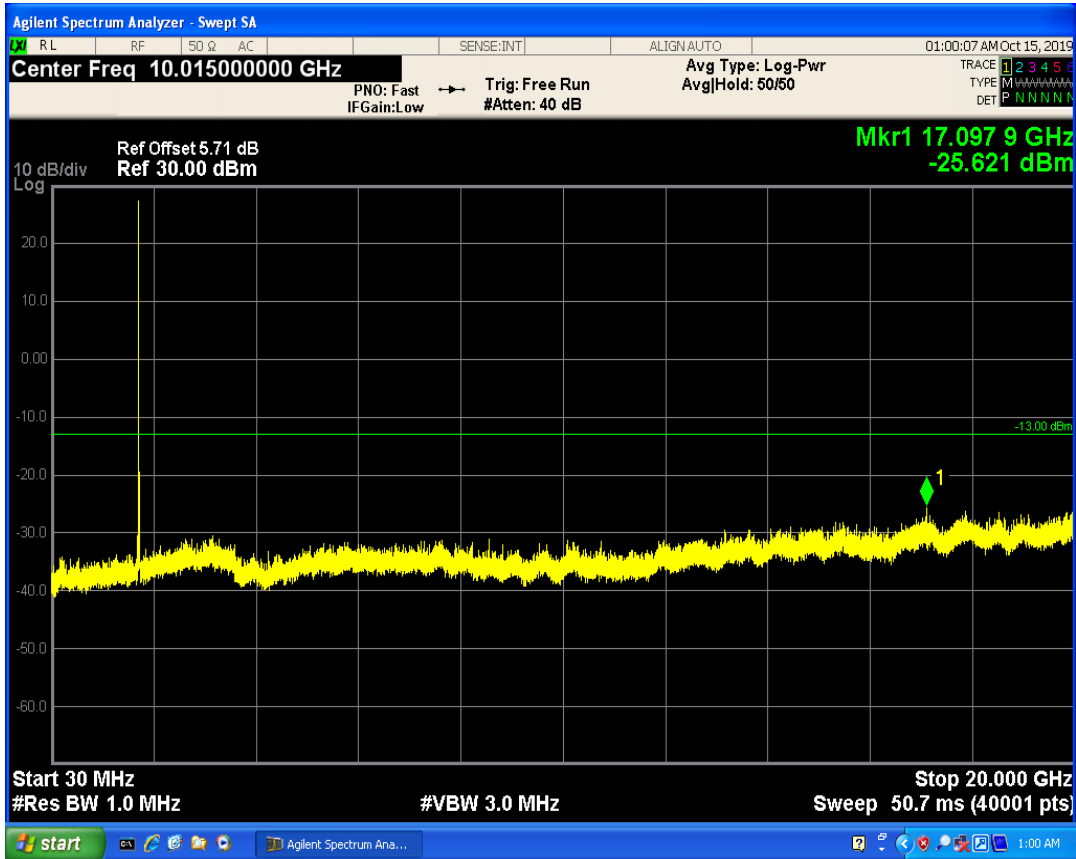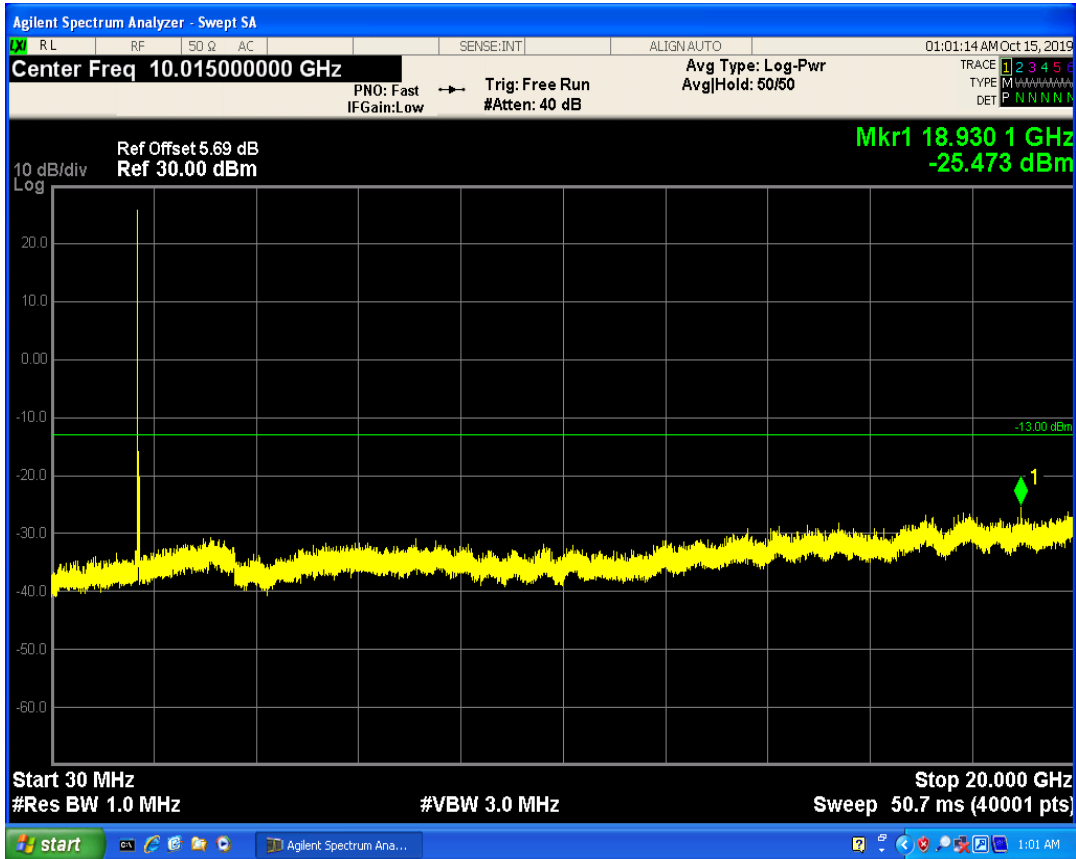LTE Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0

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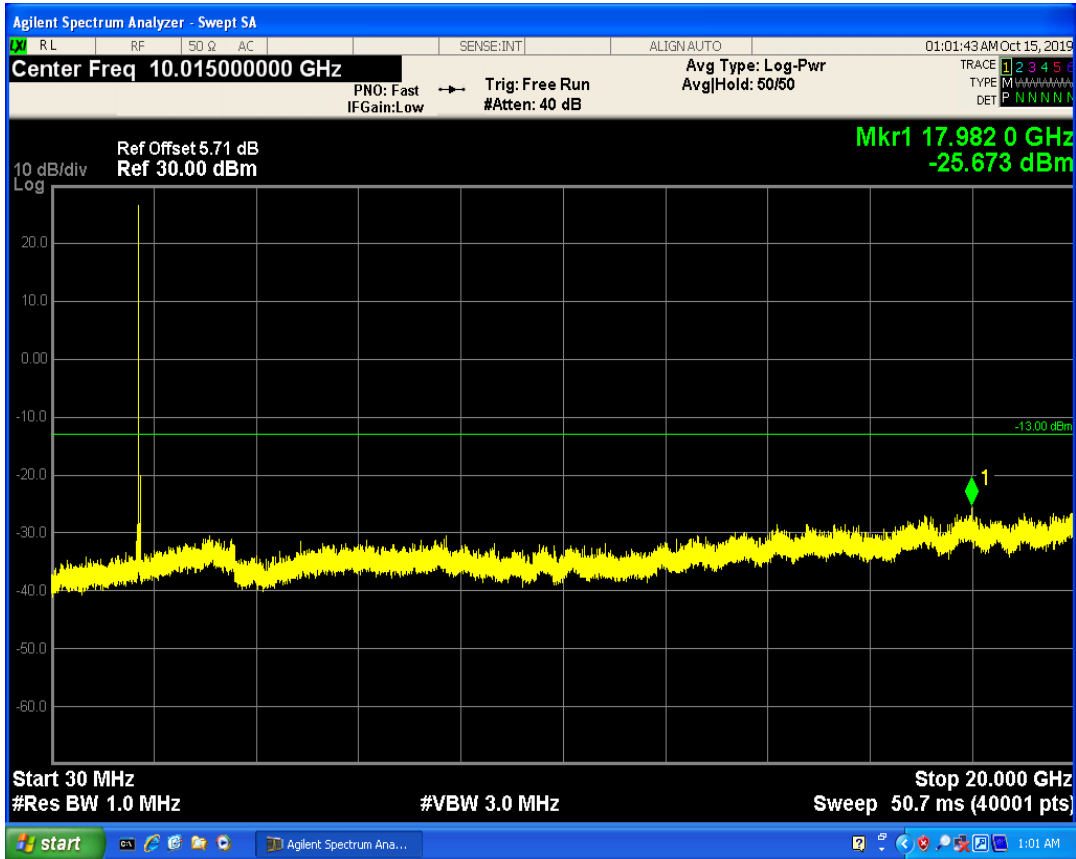LTE Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0

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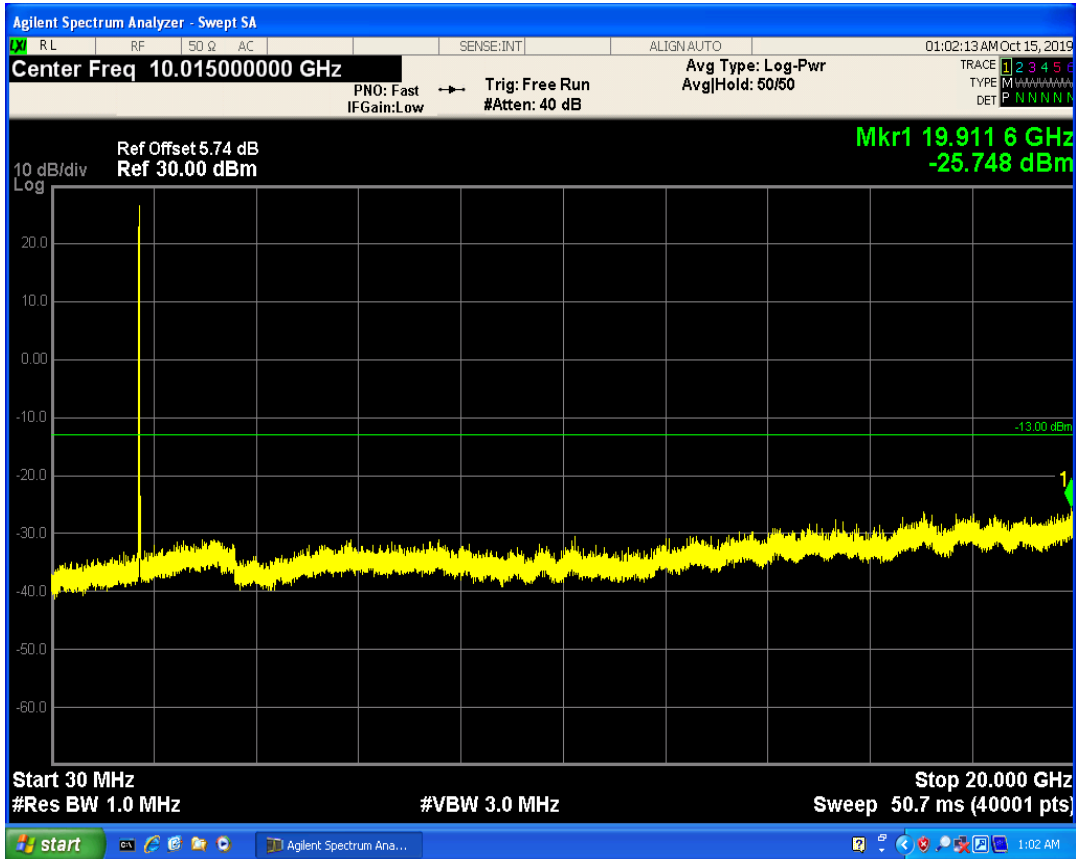
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LTE Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0

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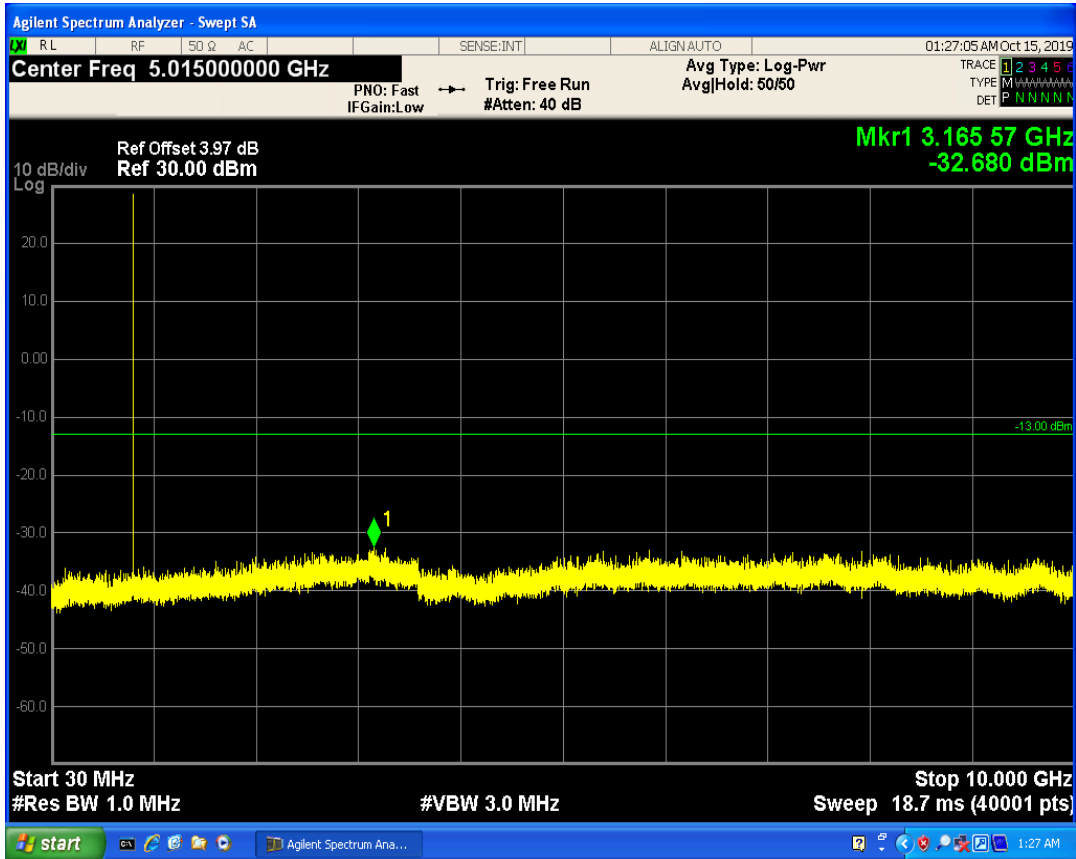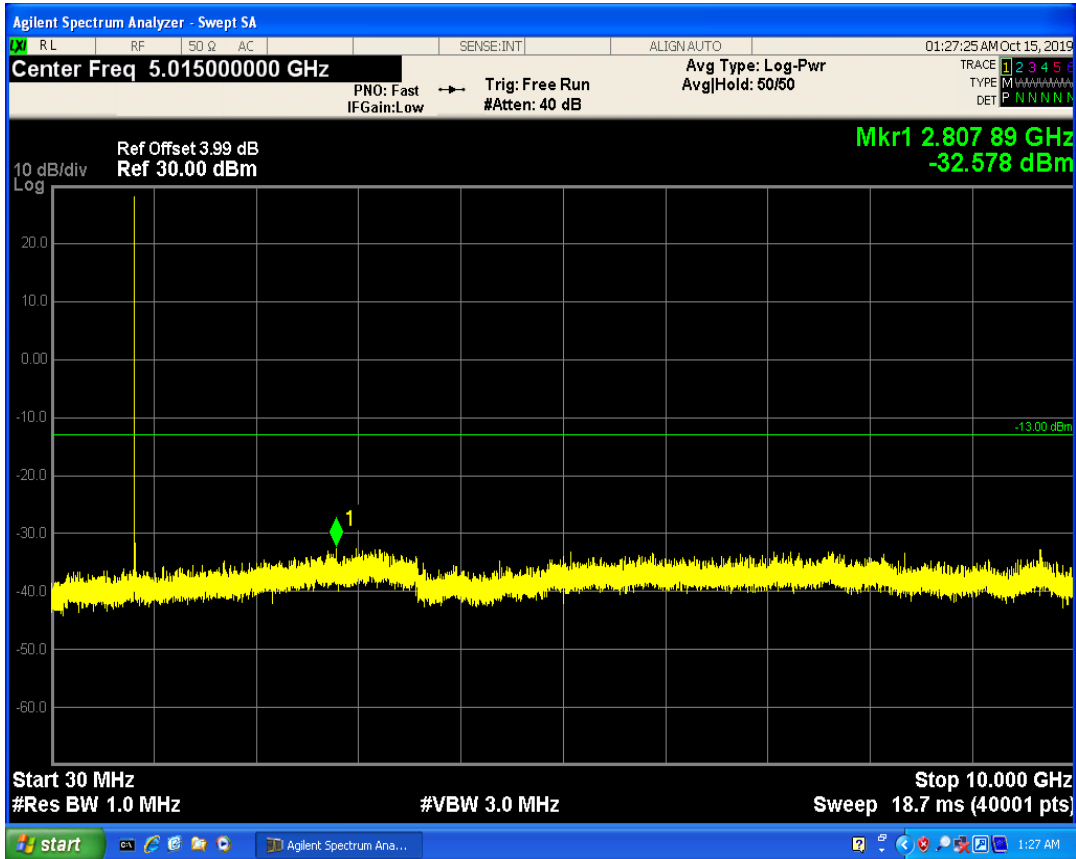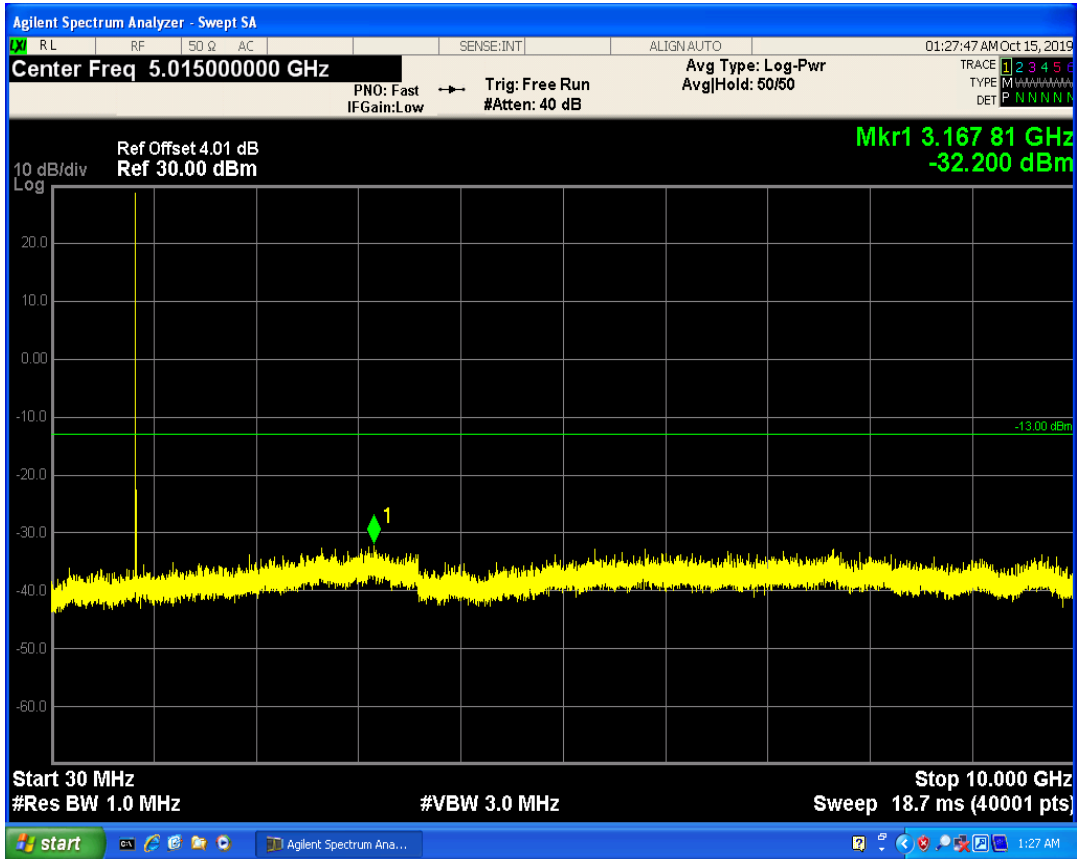LTE Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0

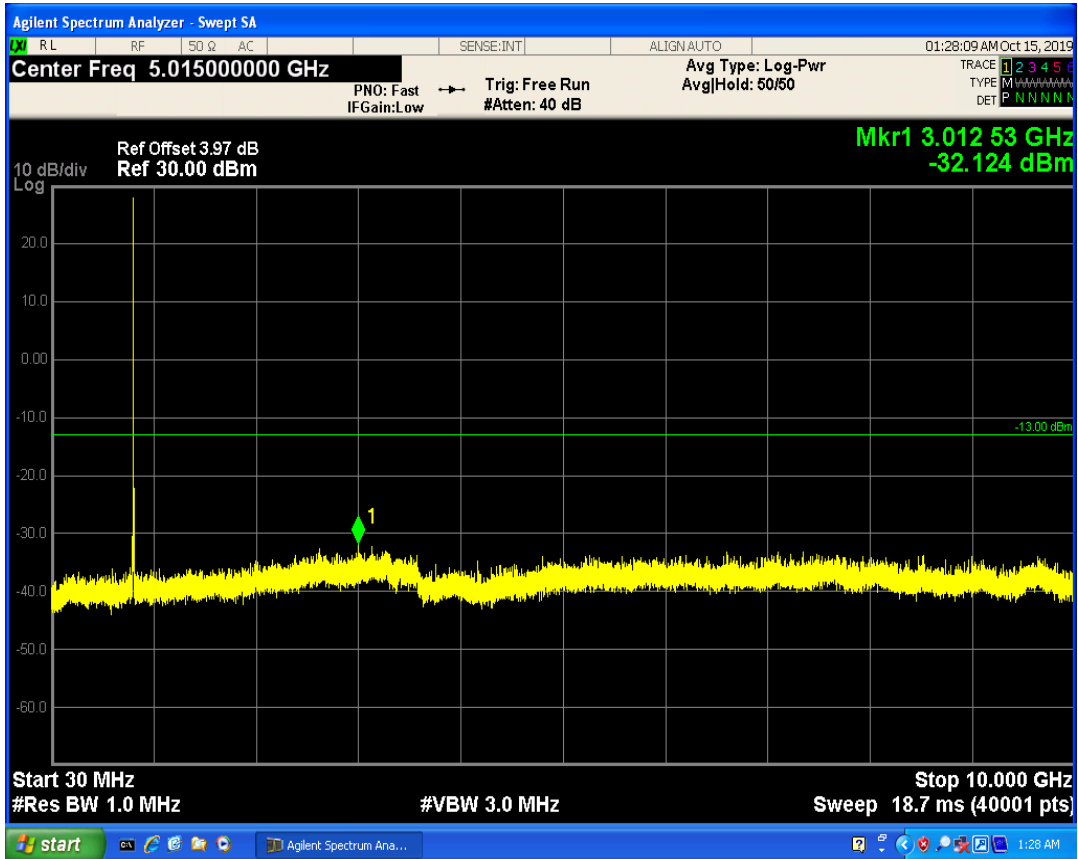LTE Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0

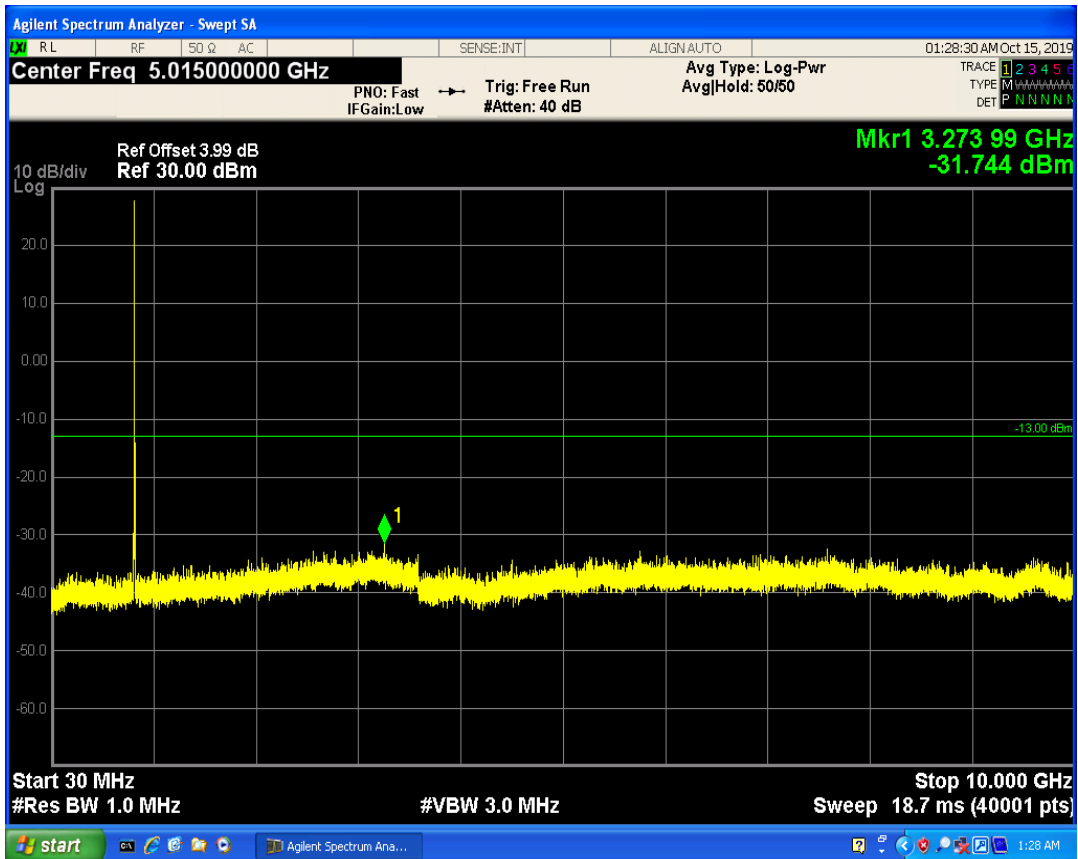LTE Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0

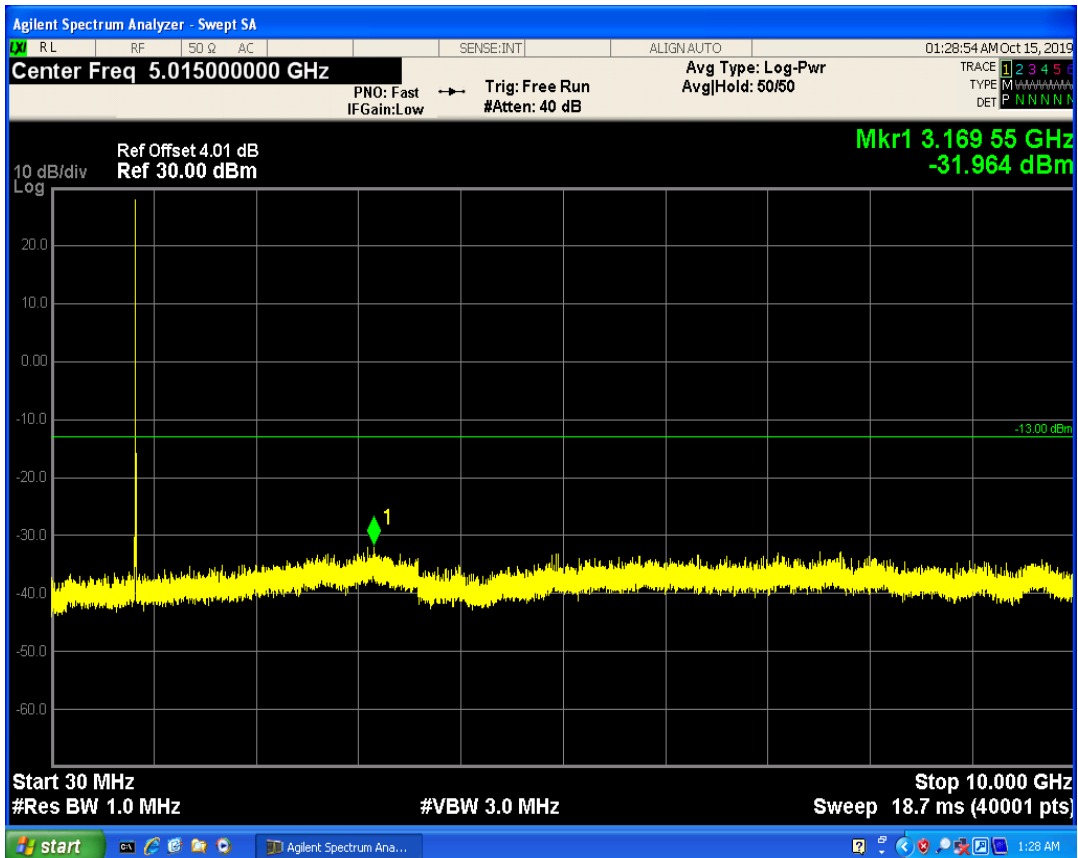LTE Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0

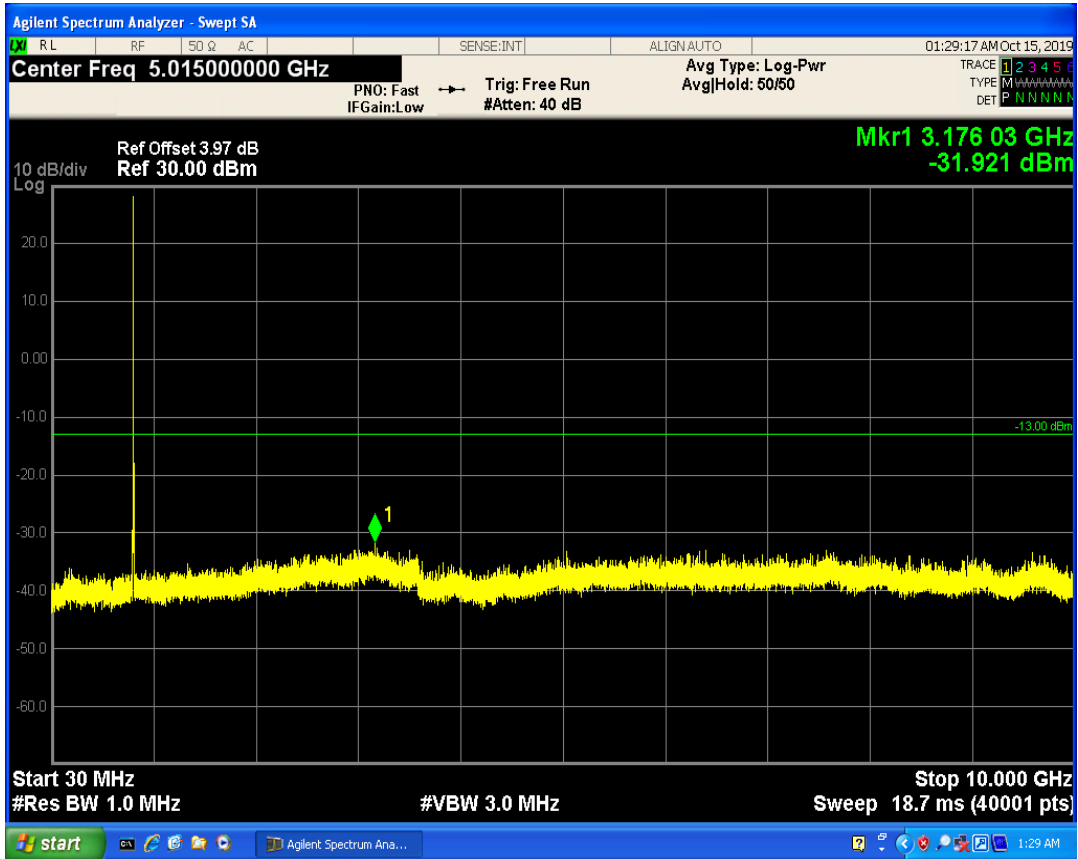LTE Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0

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LTE Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0

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LTE Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0

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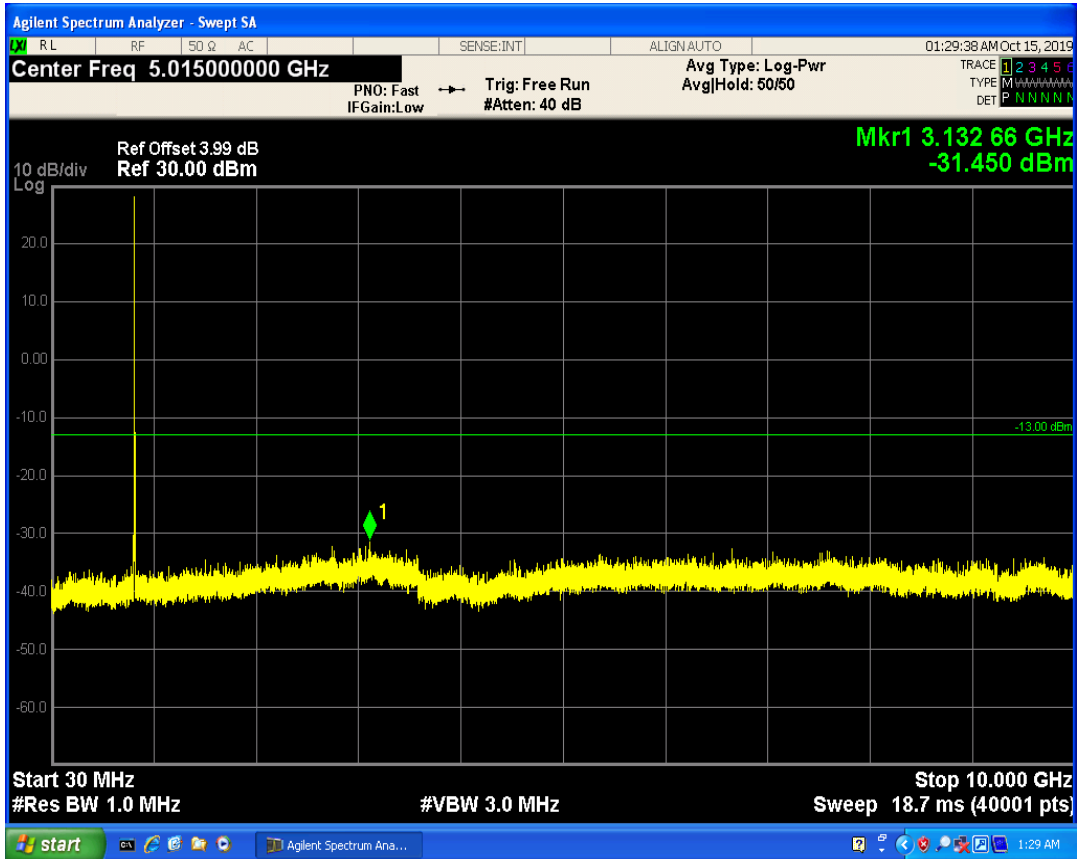LTE Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0

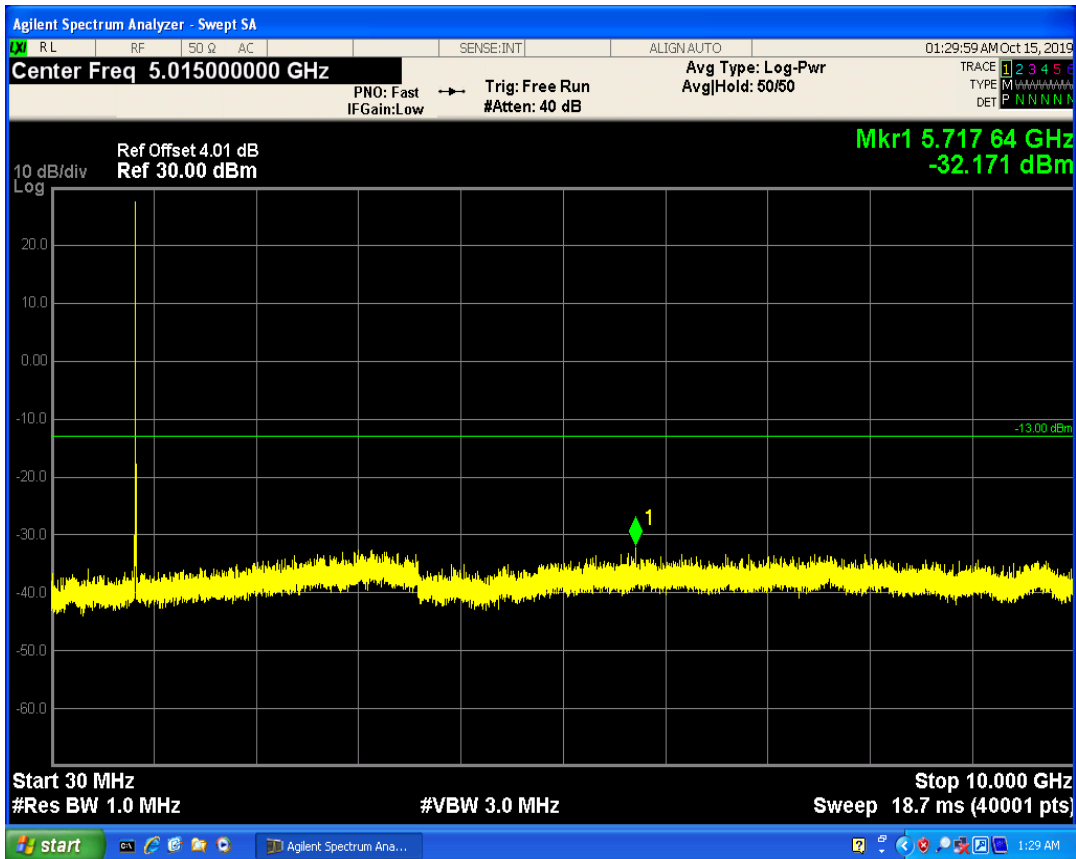LTE Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0

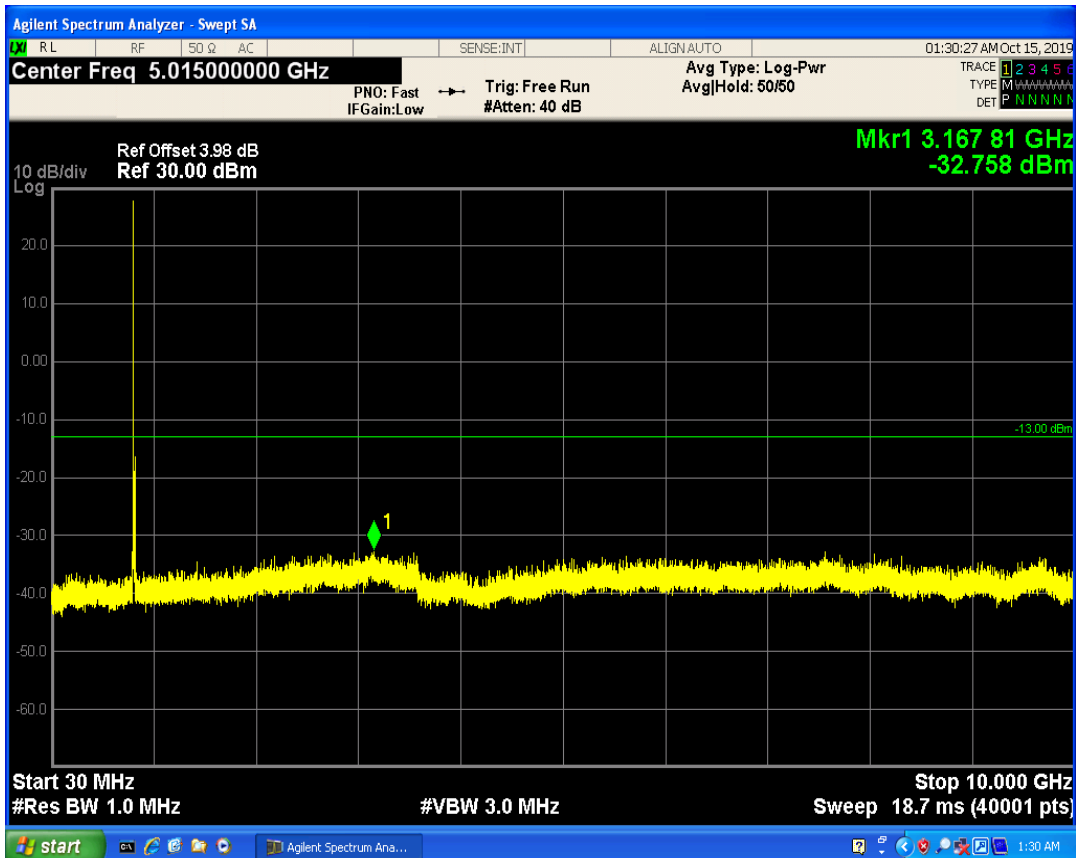LTE Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0

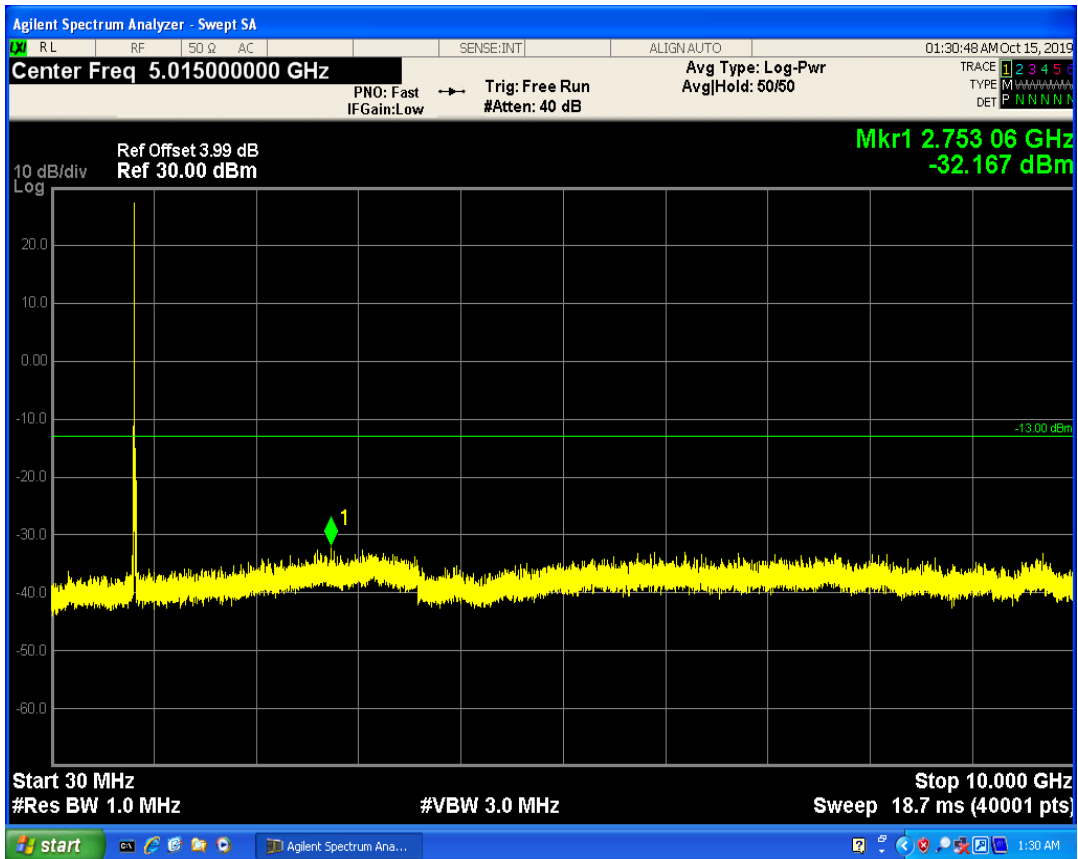LTE Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0

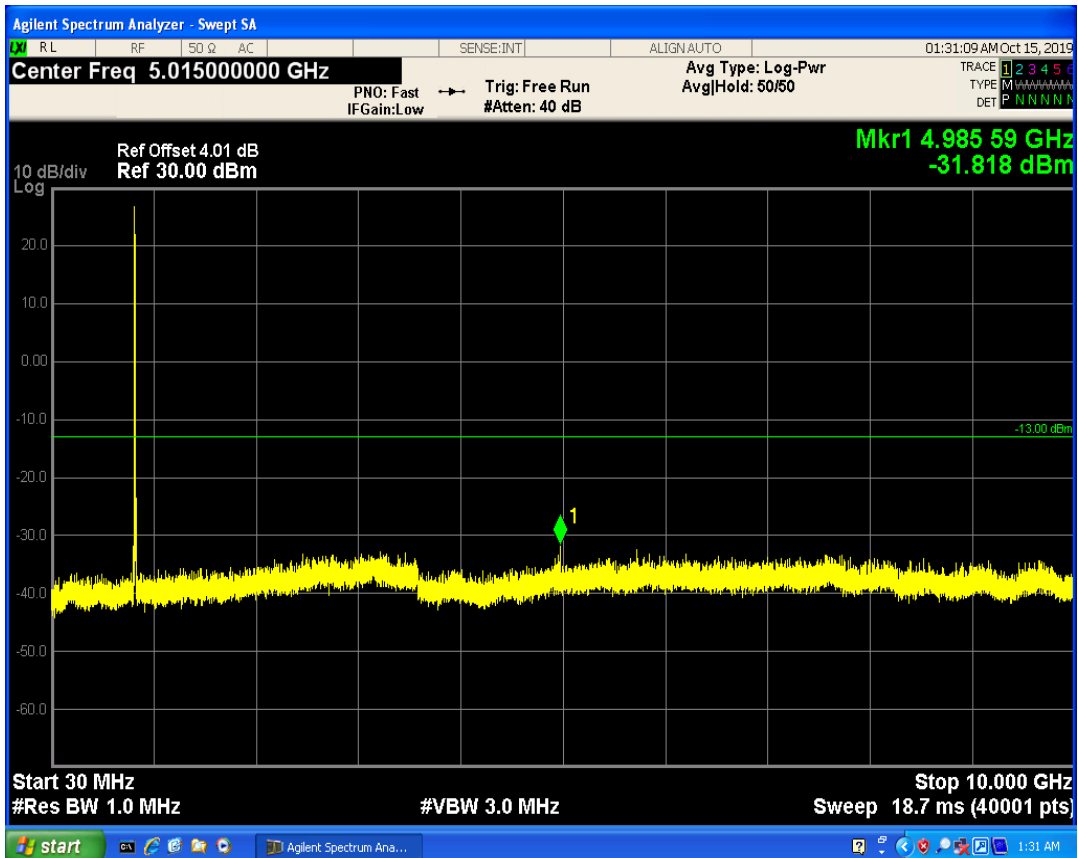LTE Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0

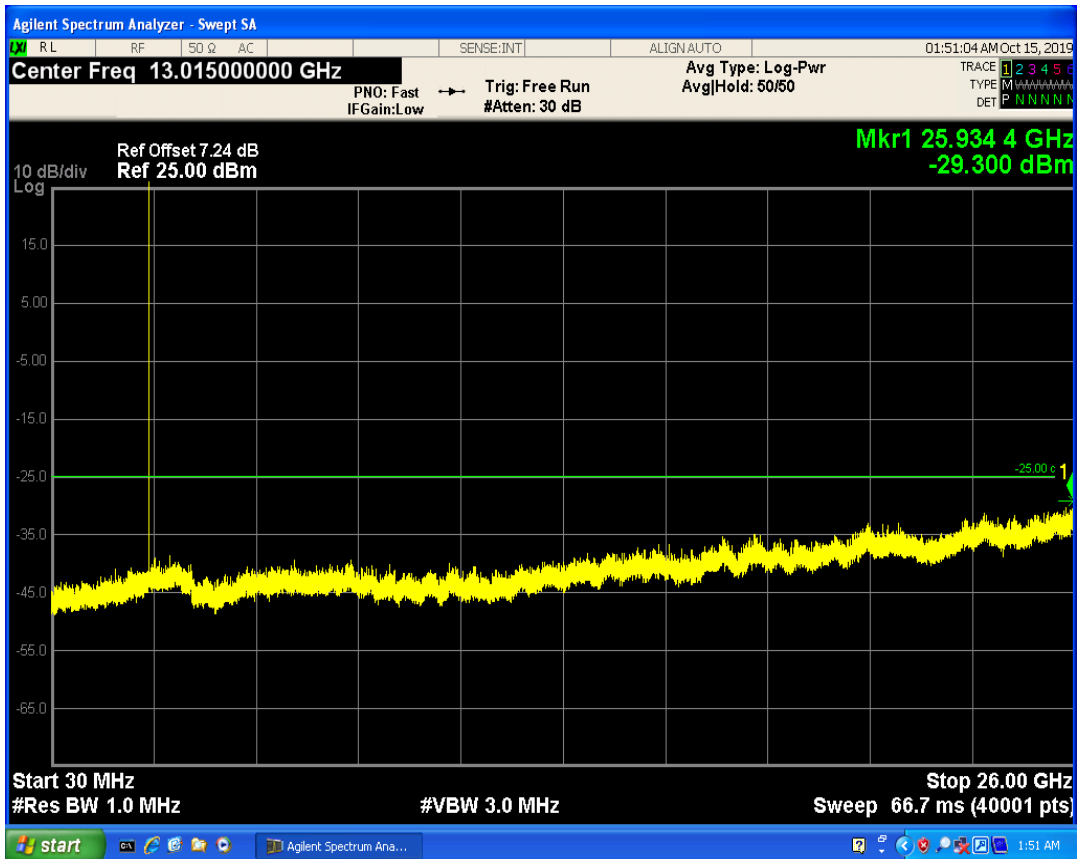LTE Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0

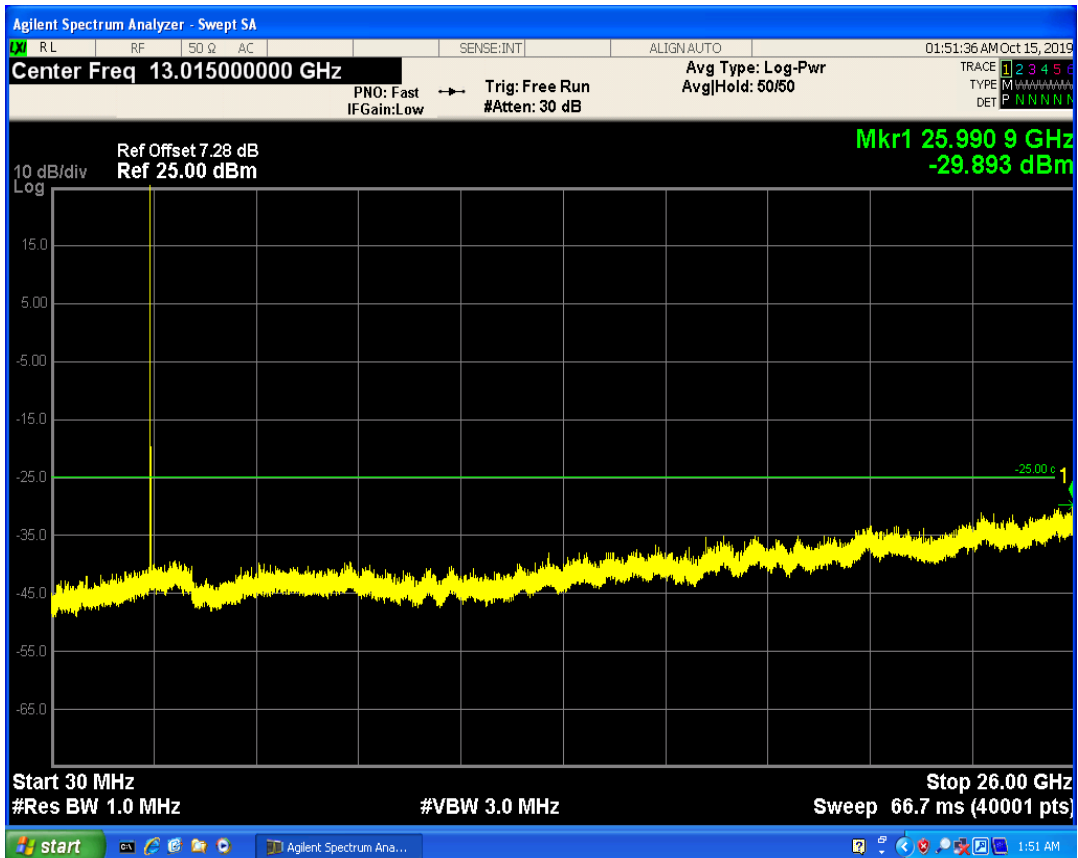LTE Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0

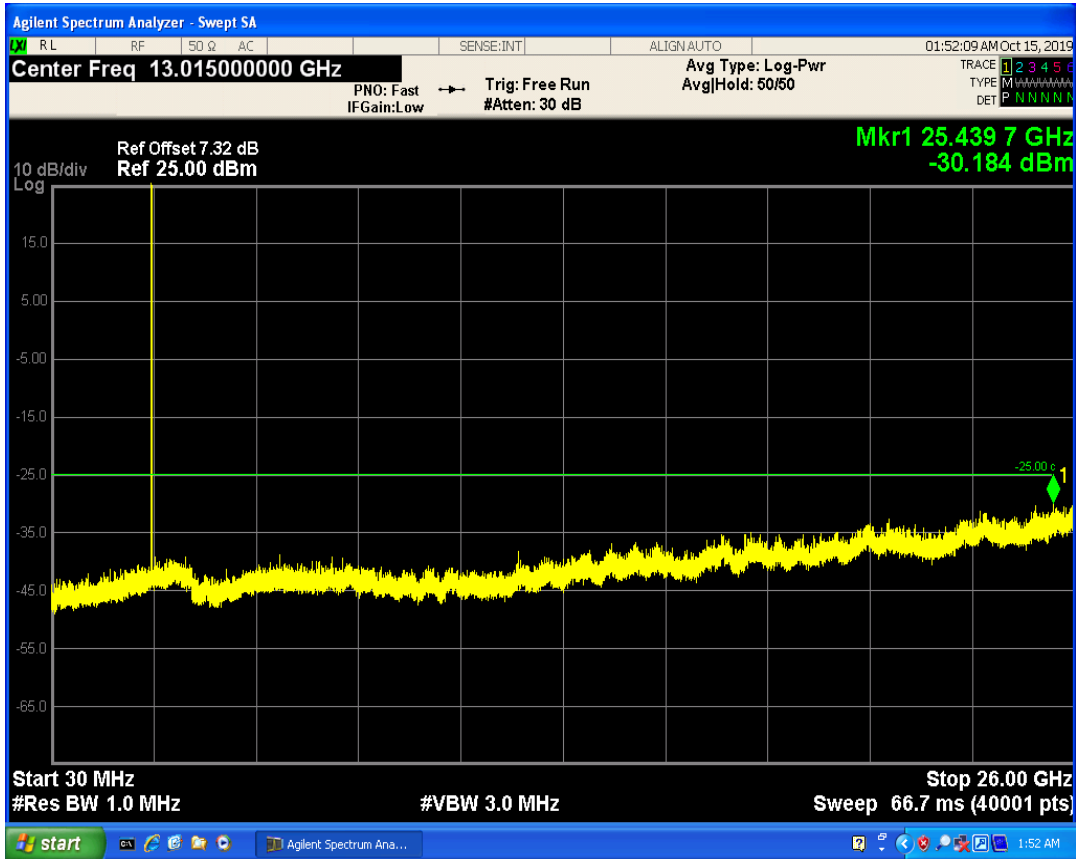LTE Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0

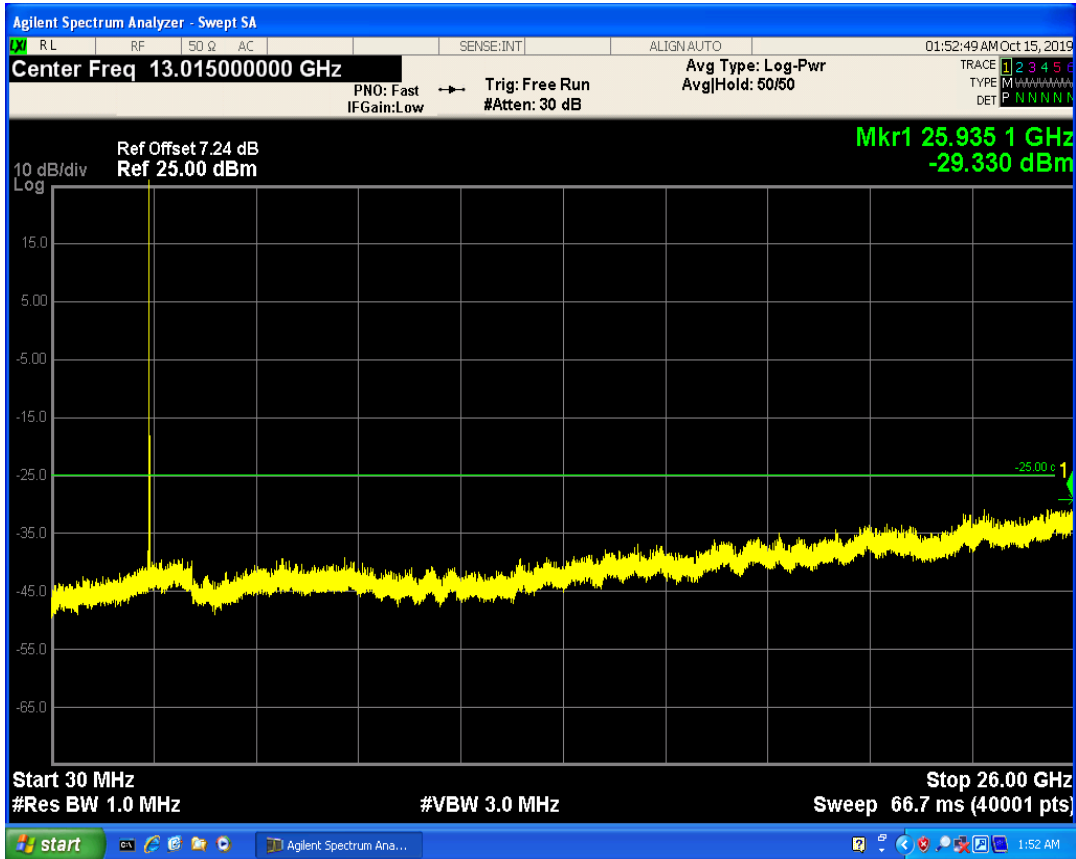LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0

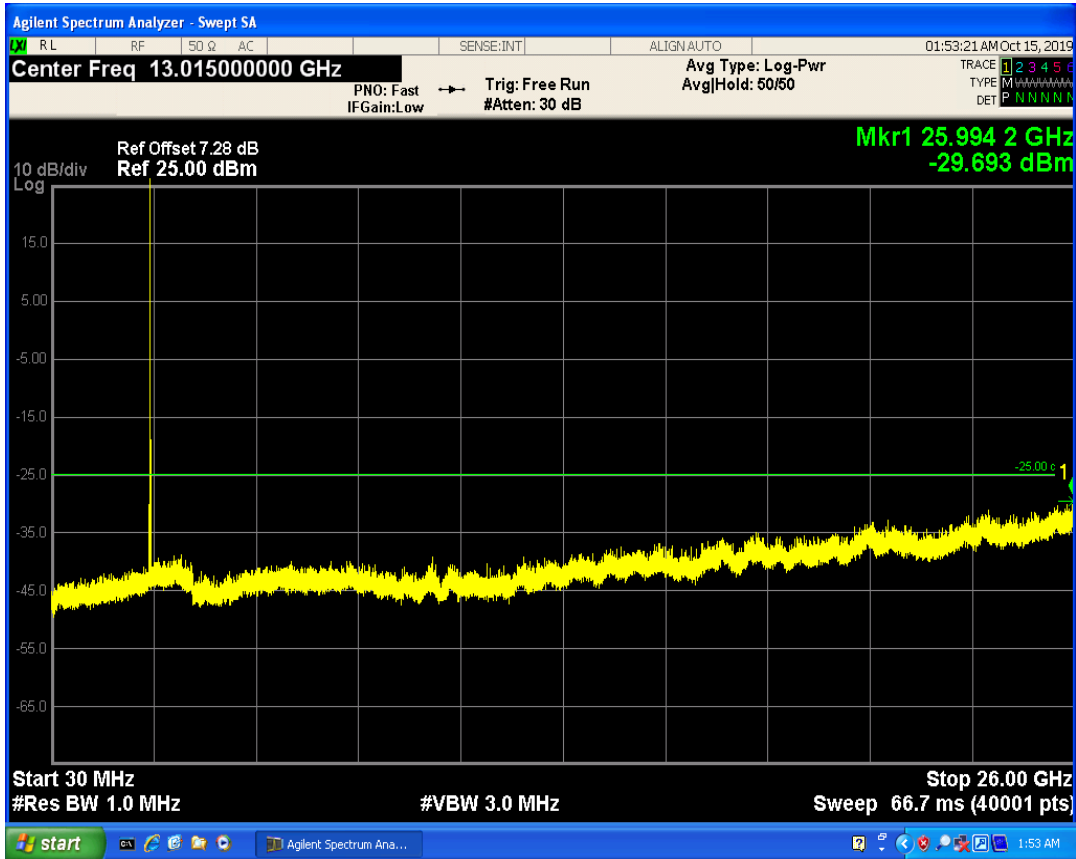LTE Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0

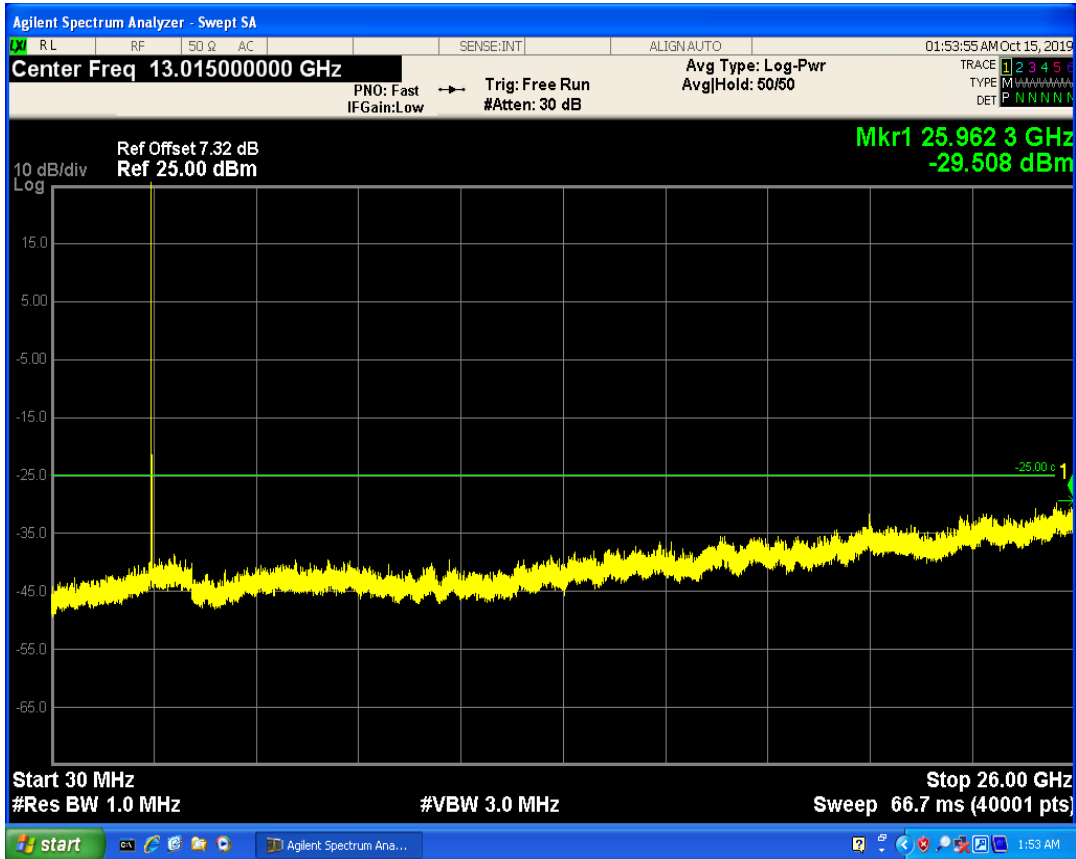LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0

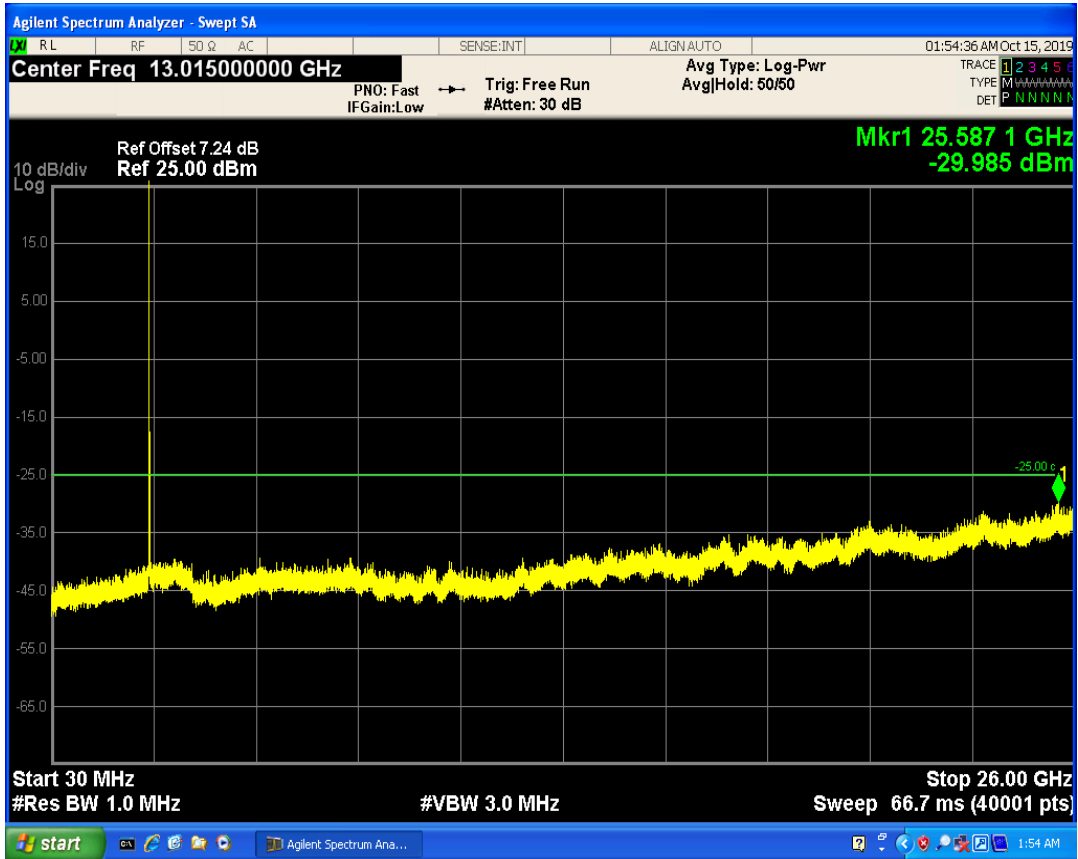LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0

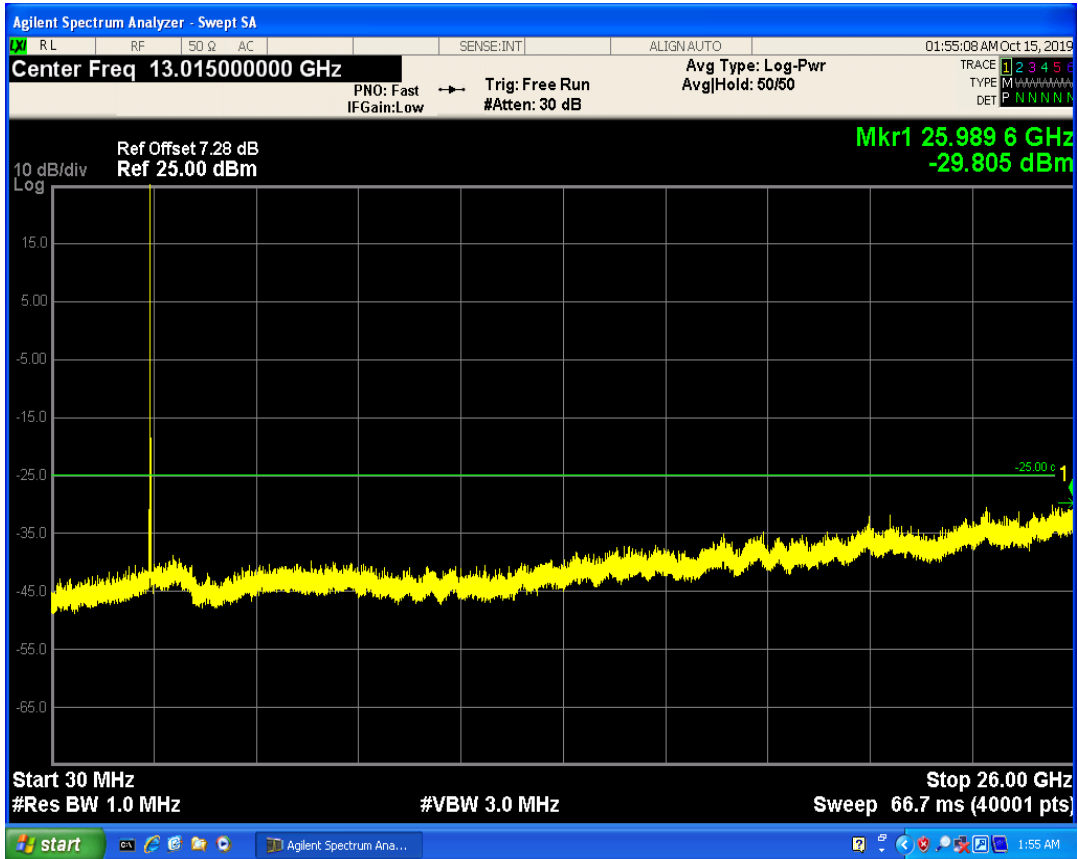LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0

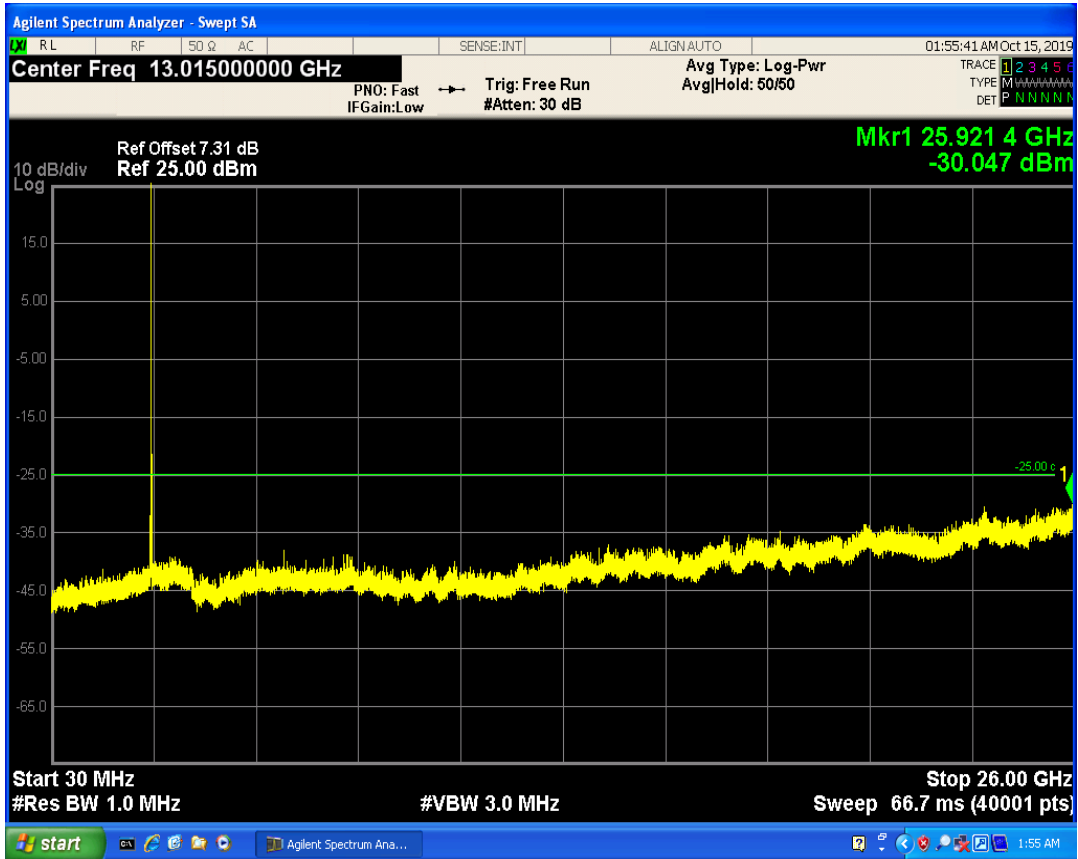LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0

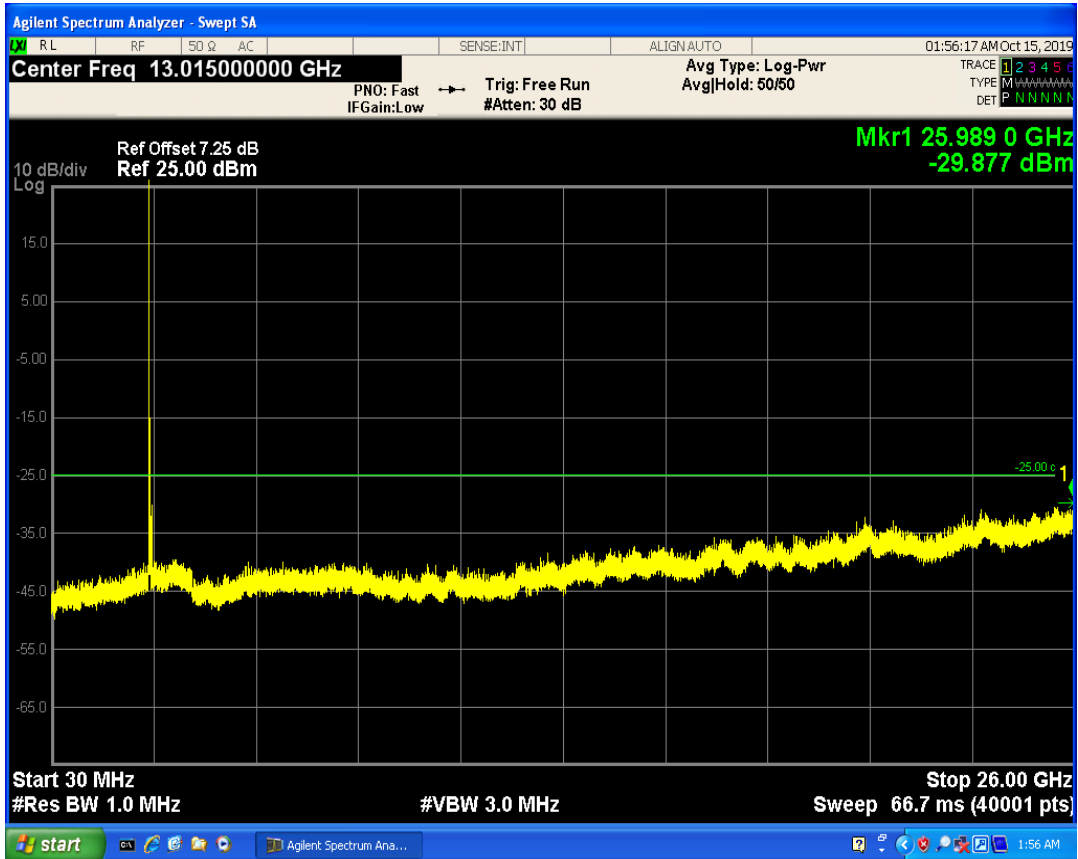LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0

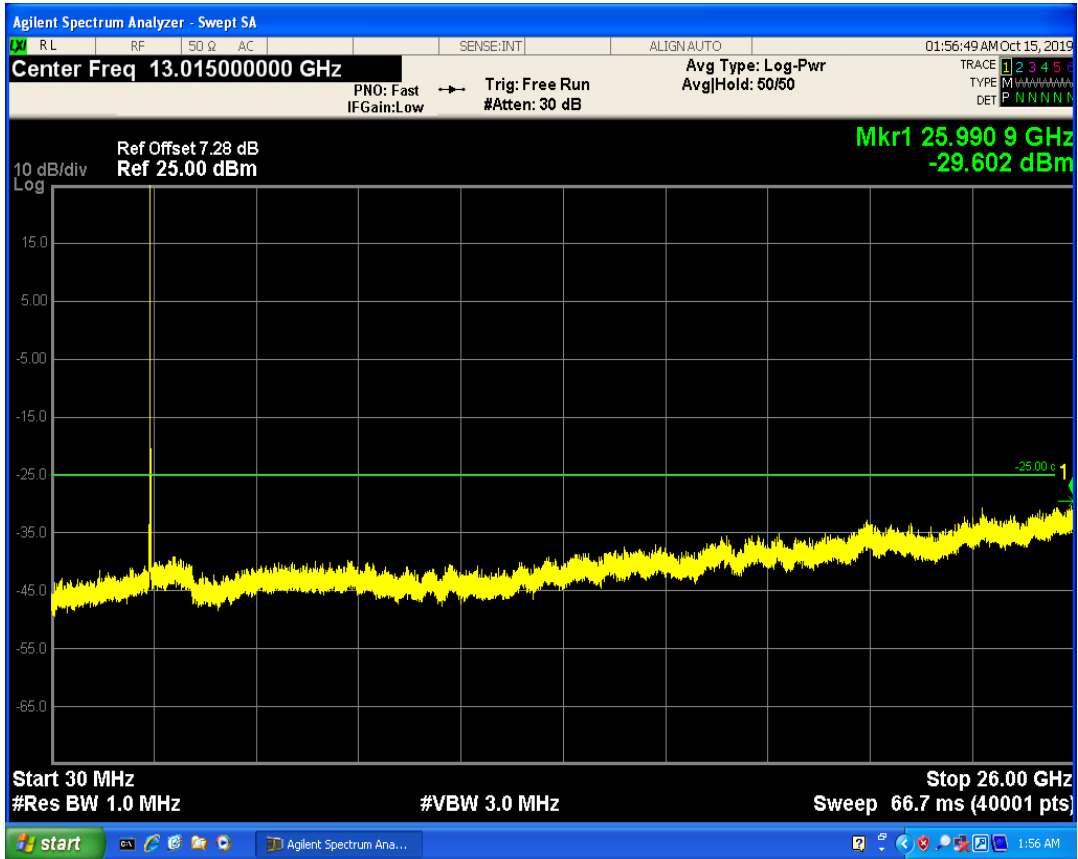LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0

LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0

LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0

LTE Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0

LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0