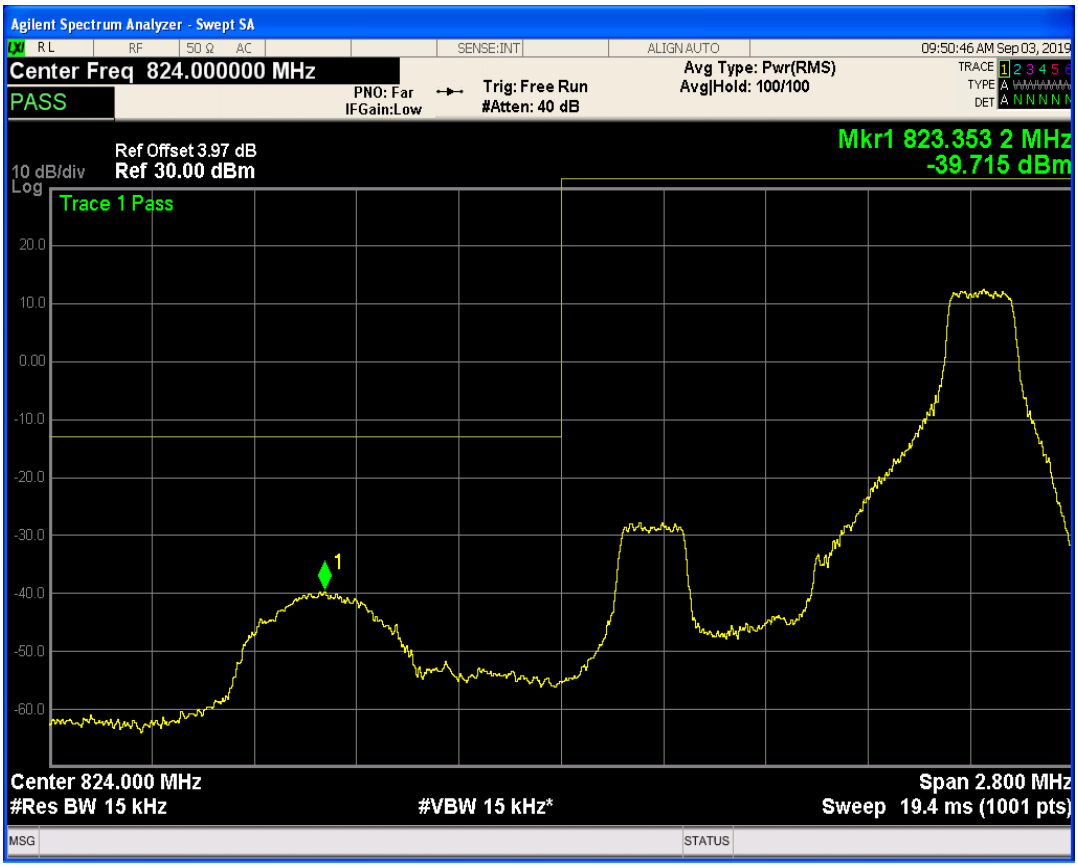
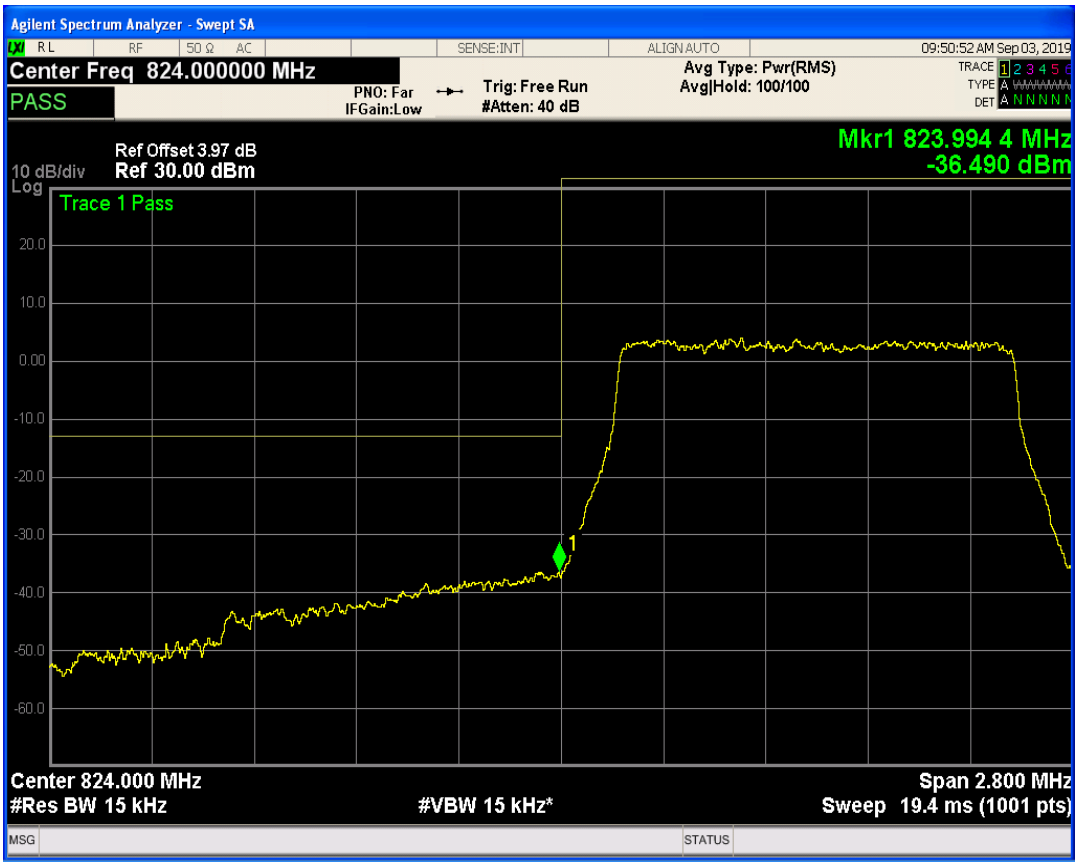


LTE Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



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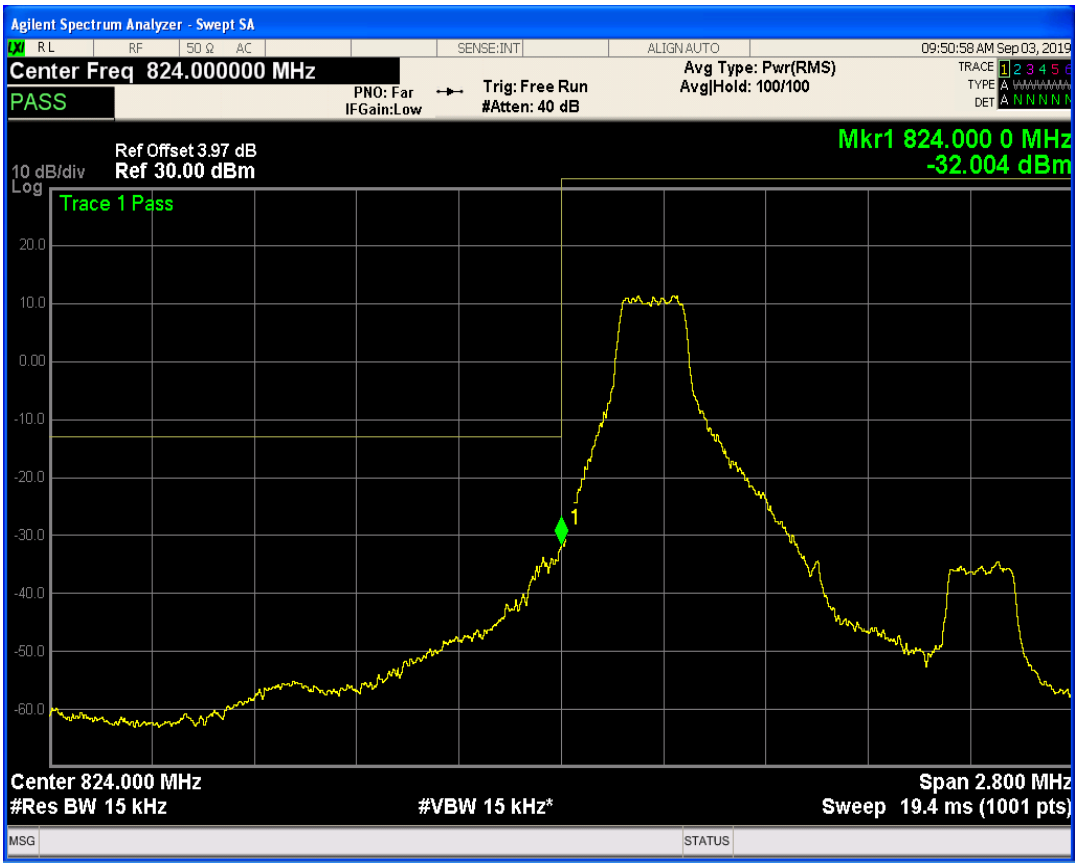

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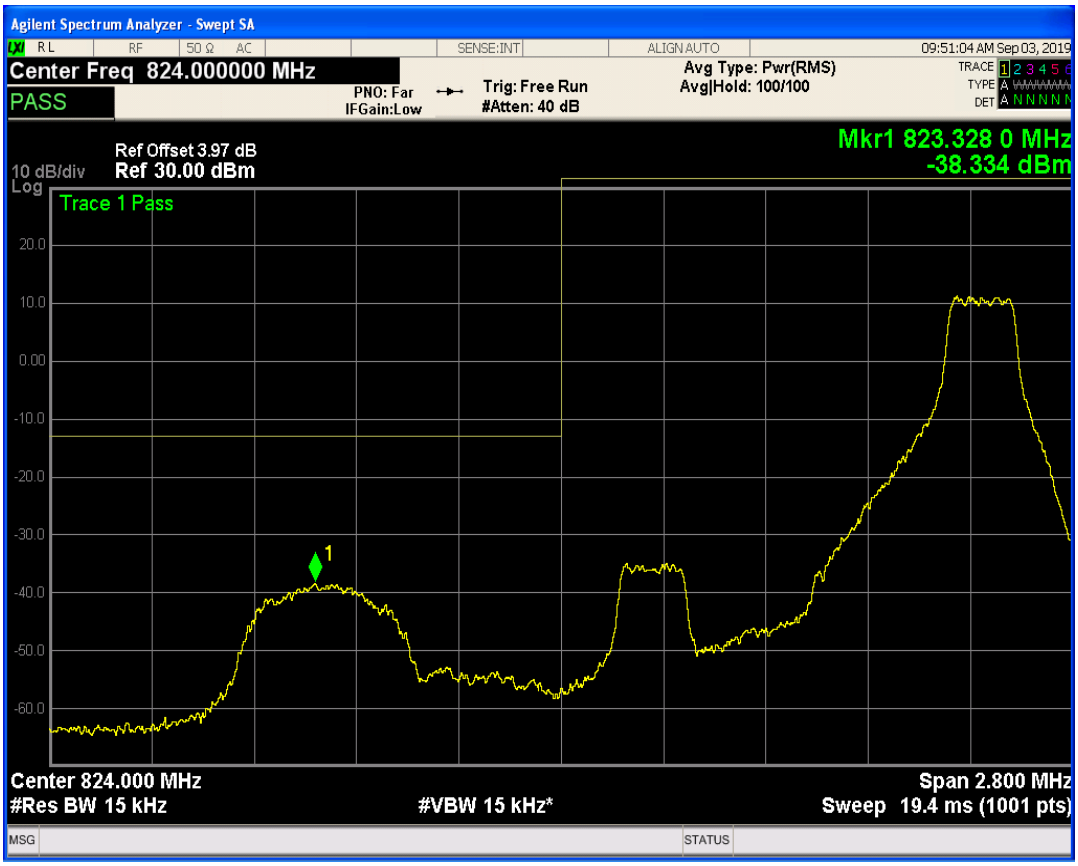

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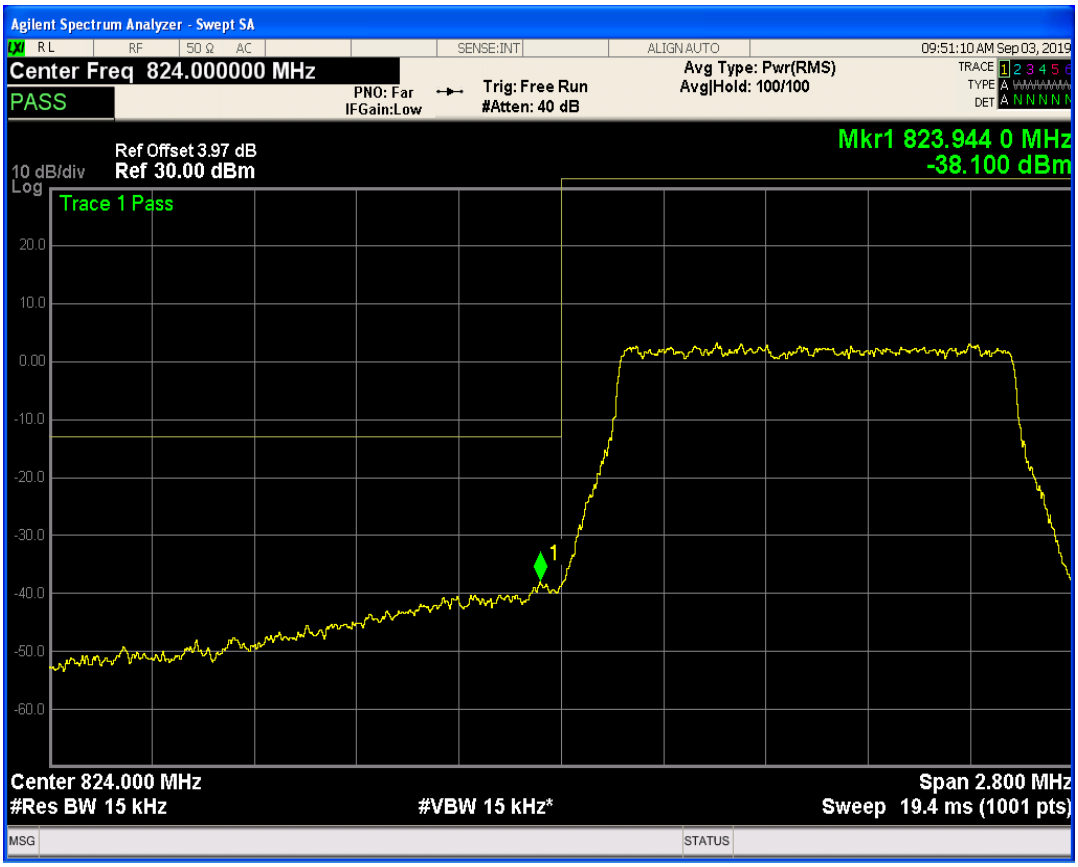

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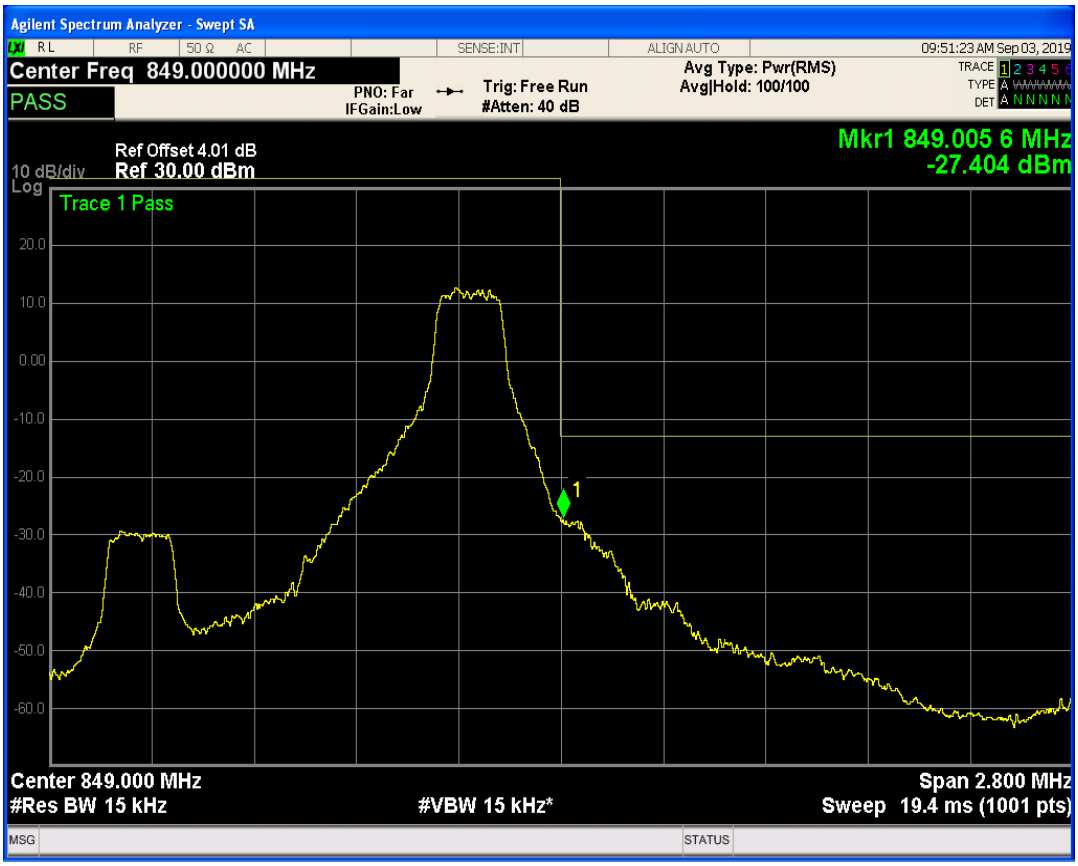

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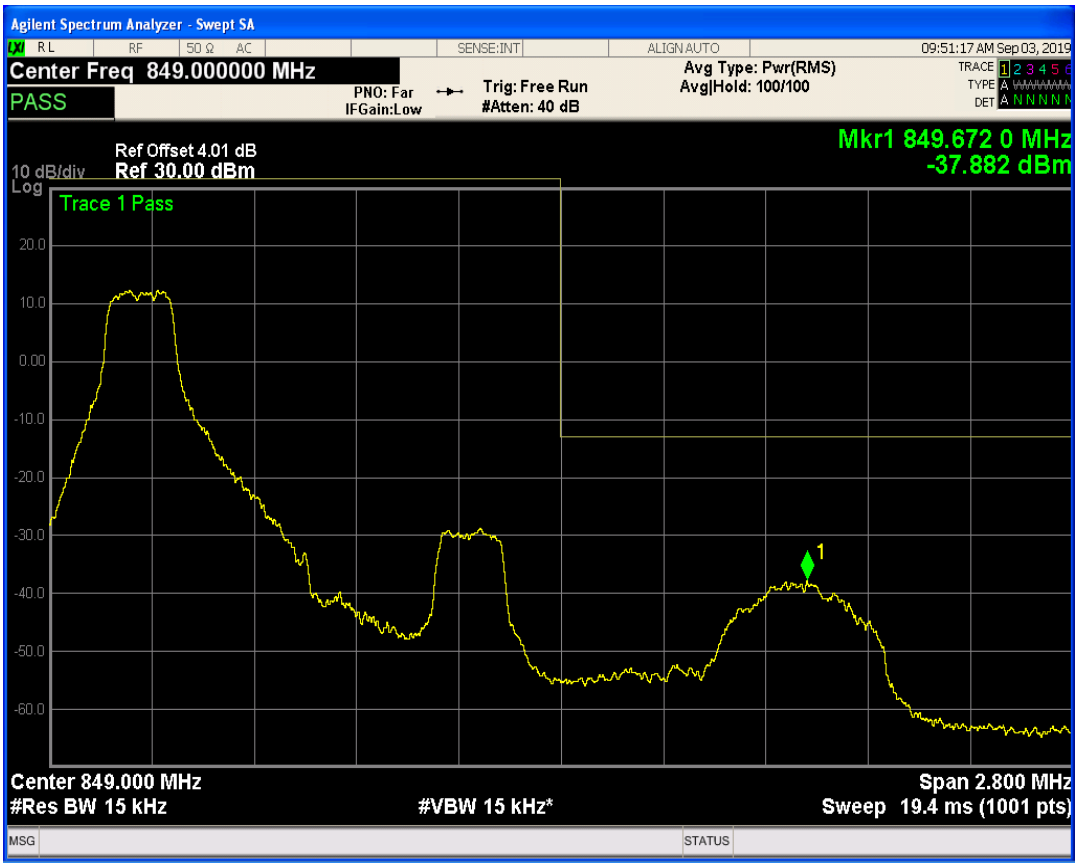

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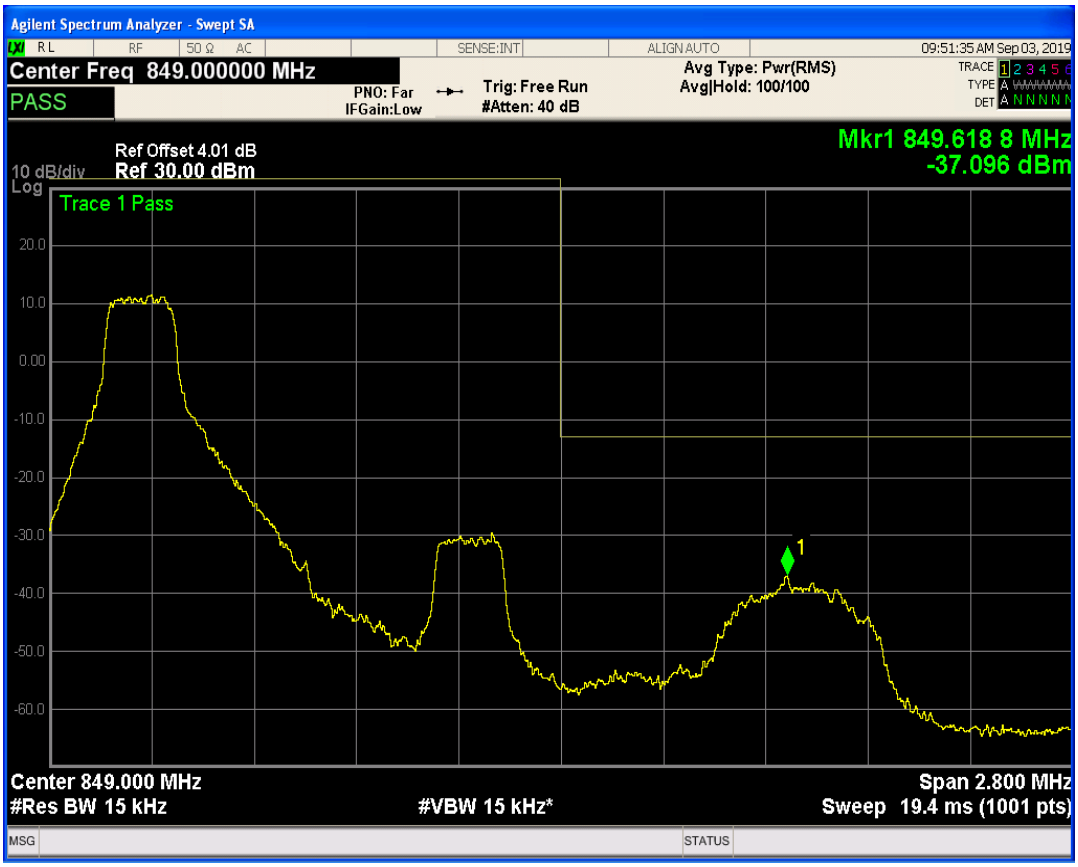

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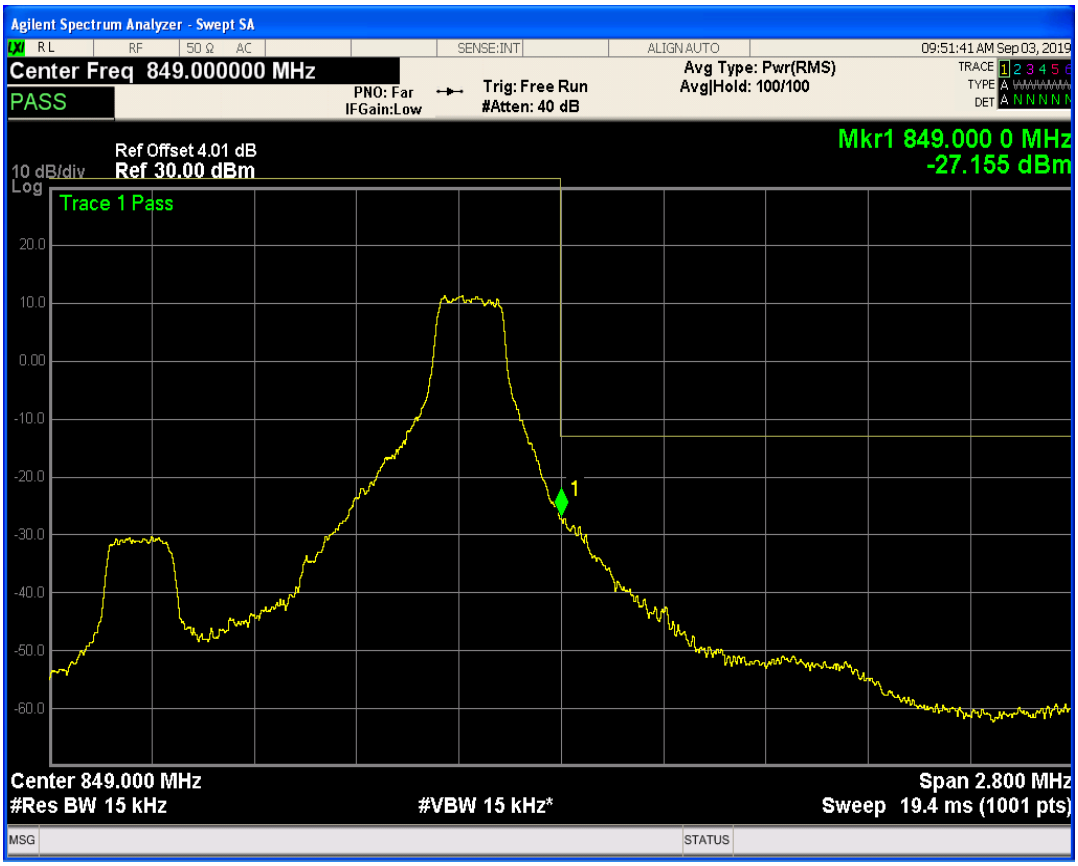

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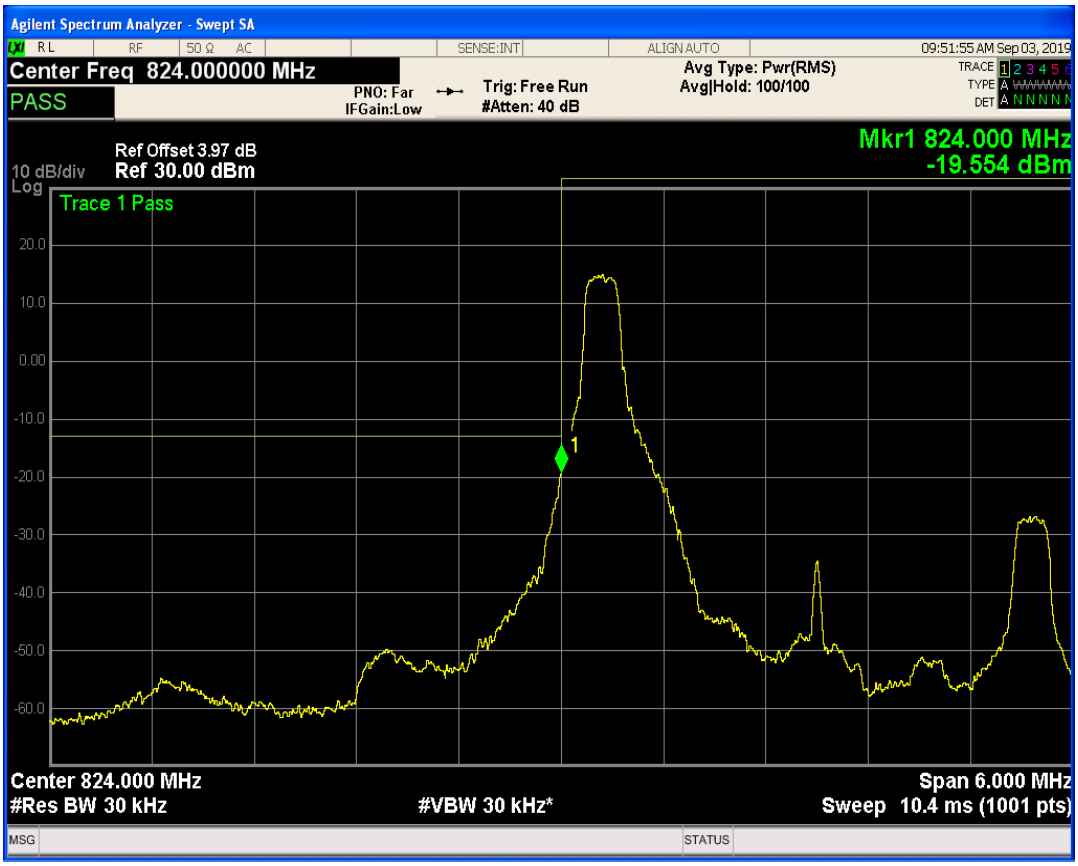

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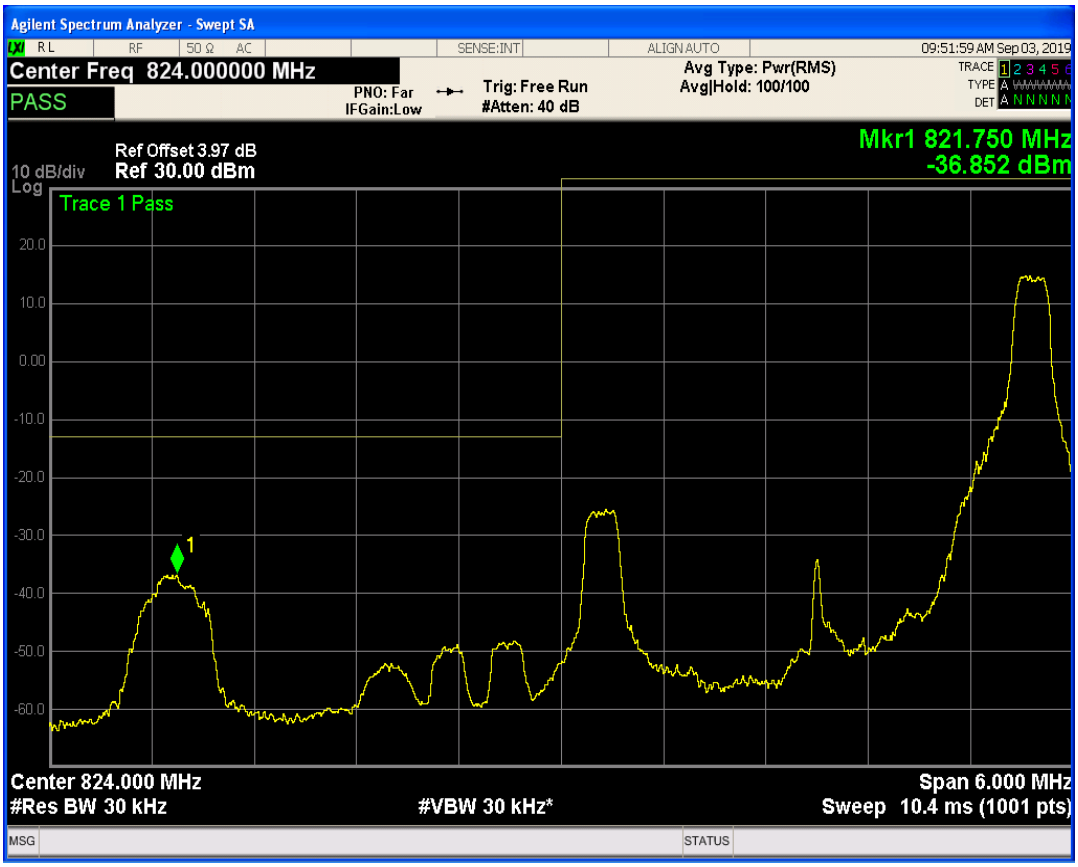

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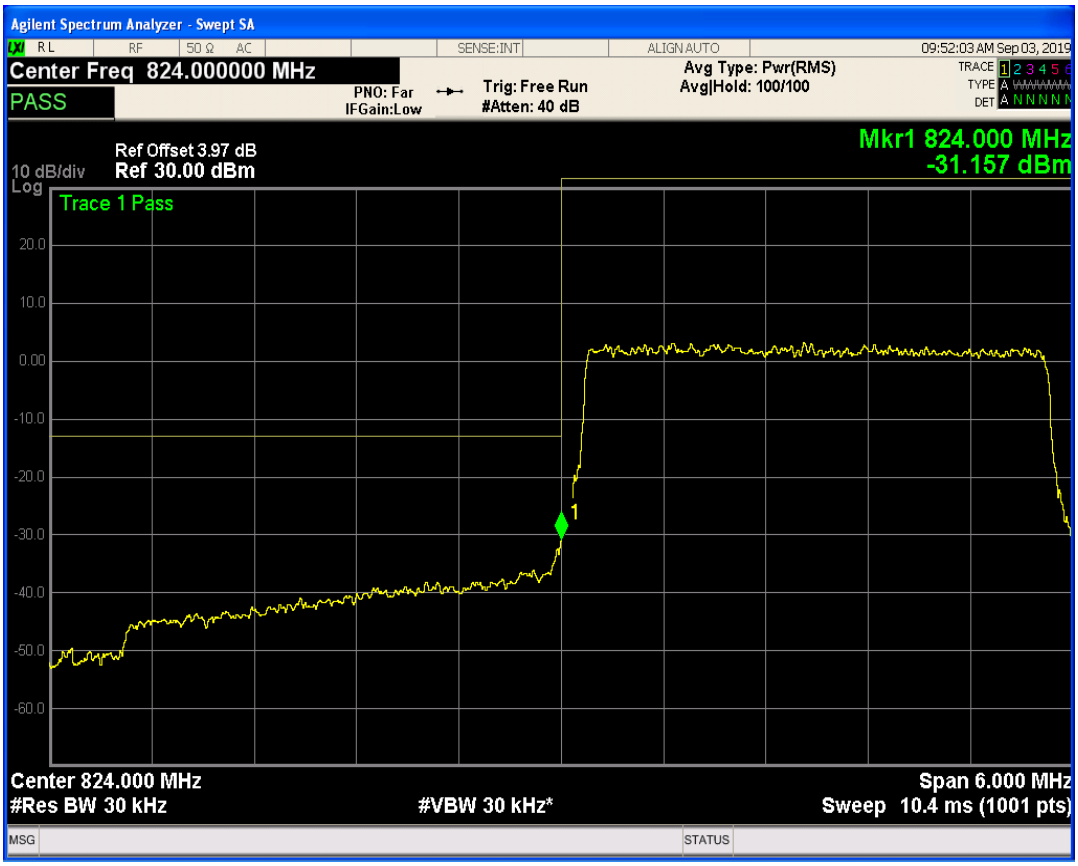

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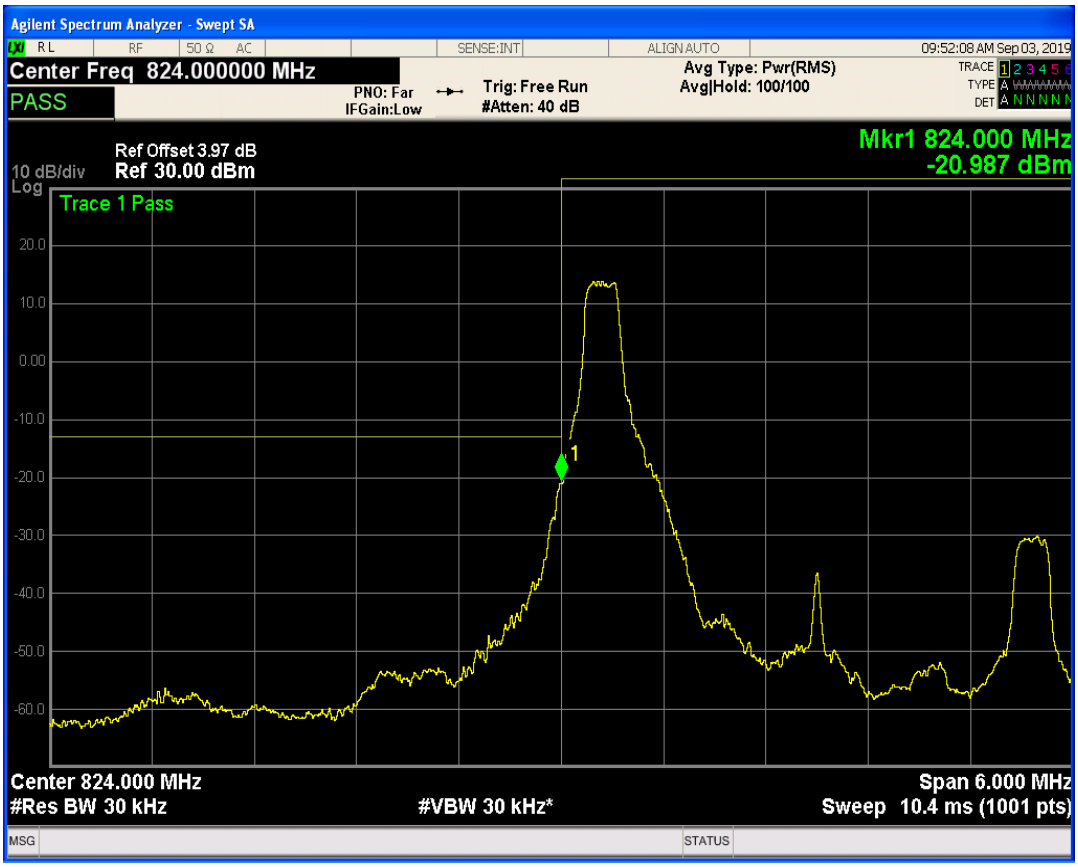

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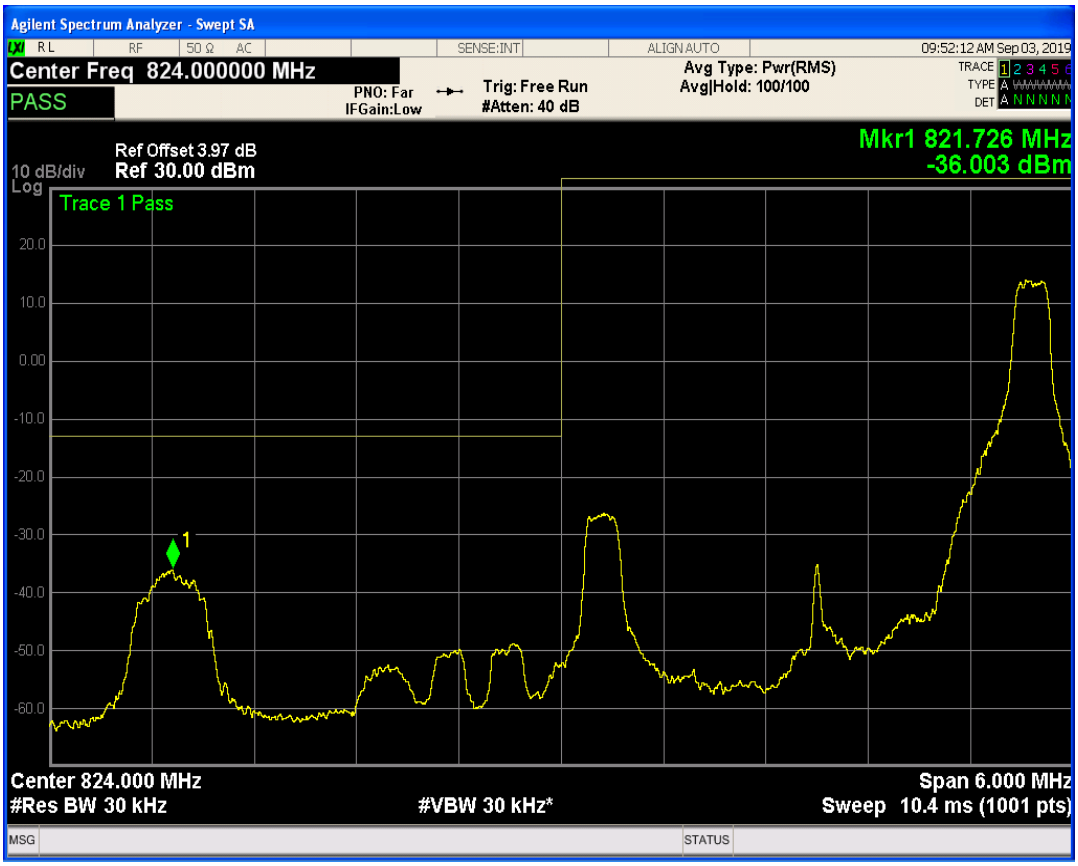

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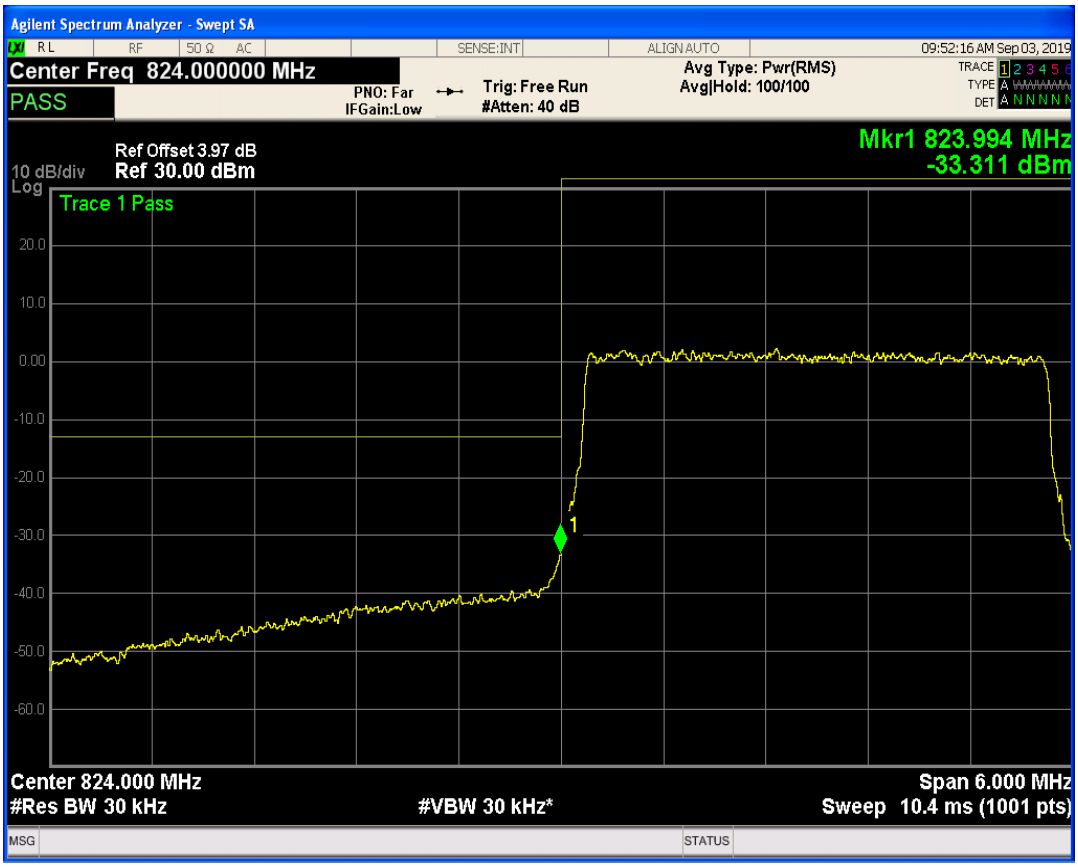

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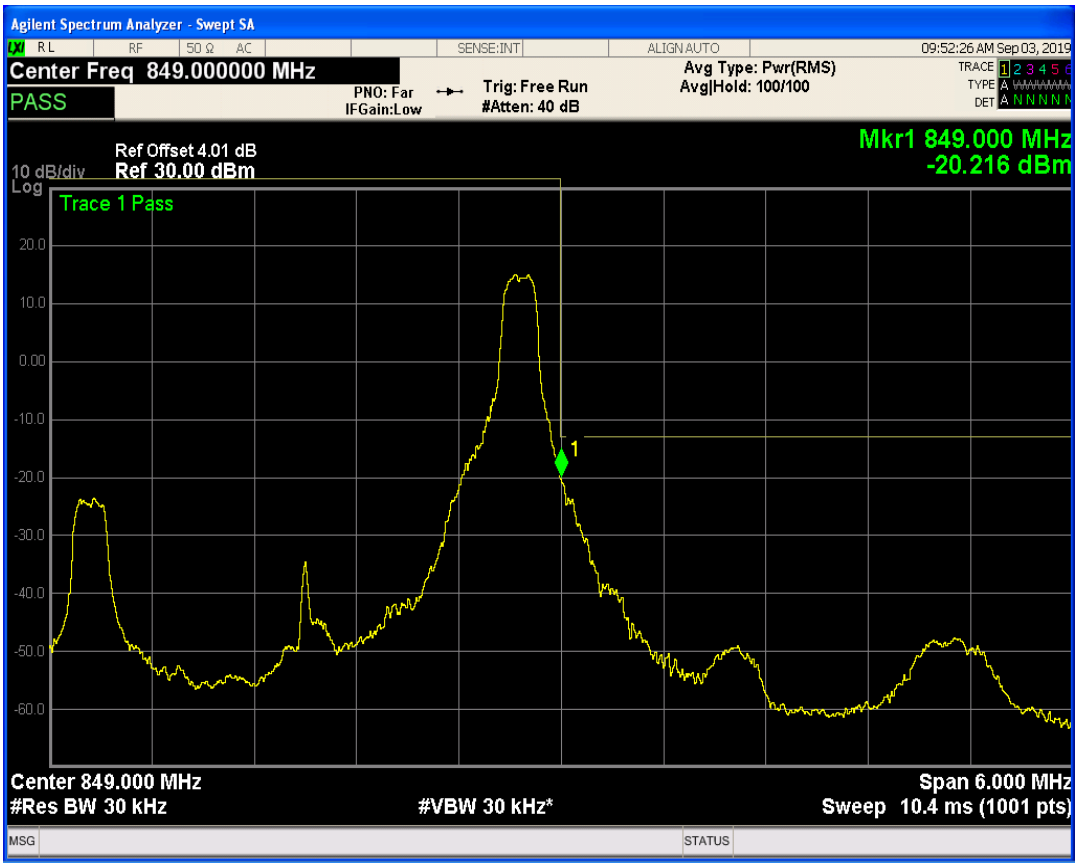

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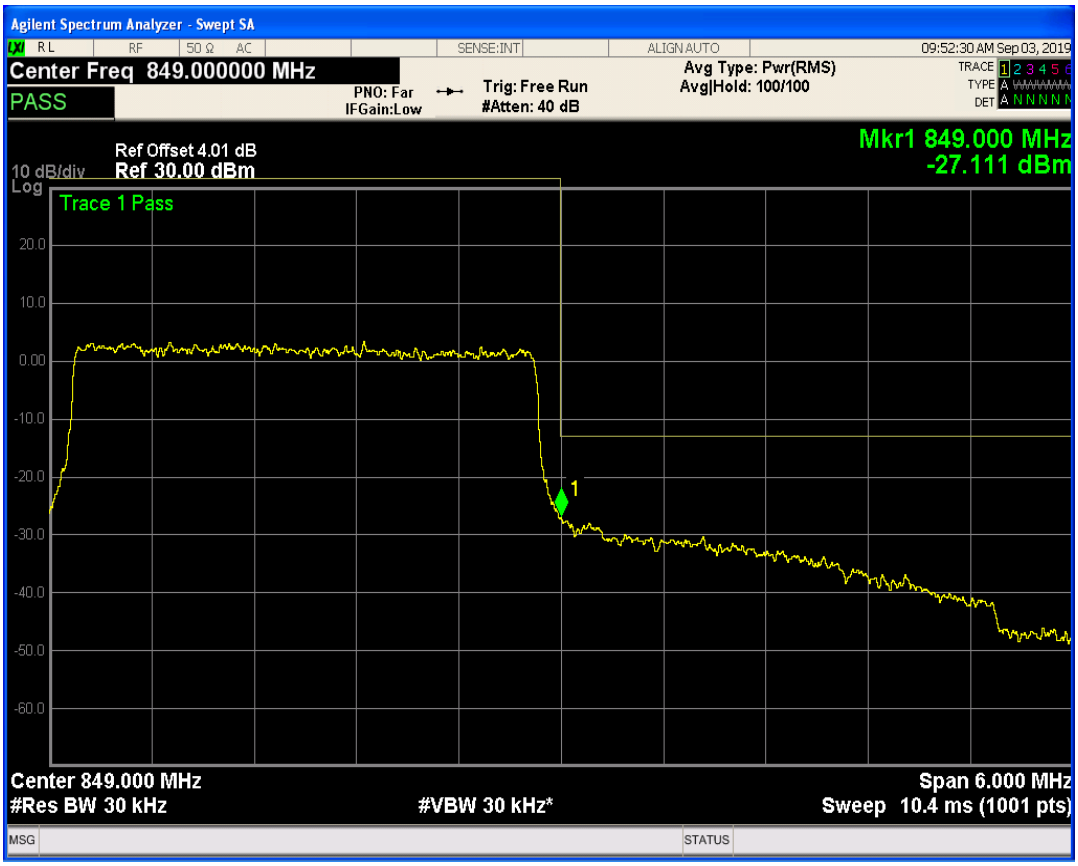

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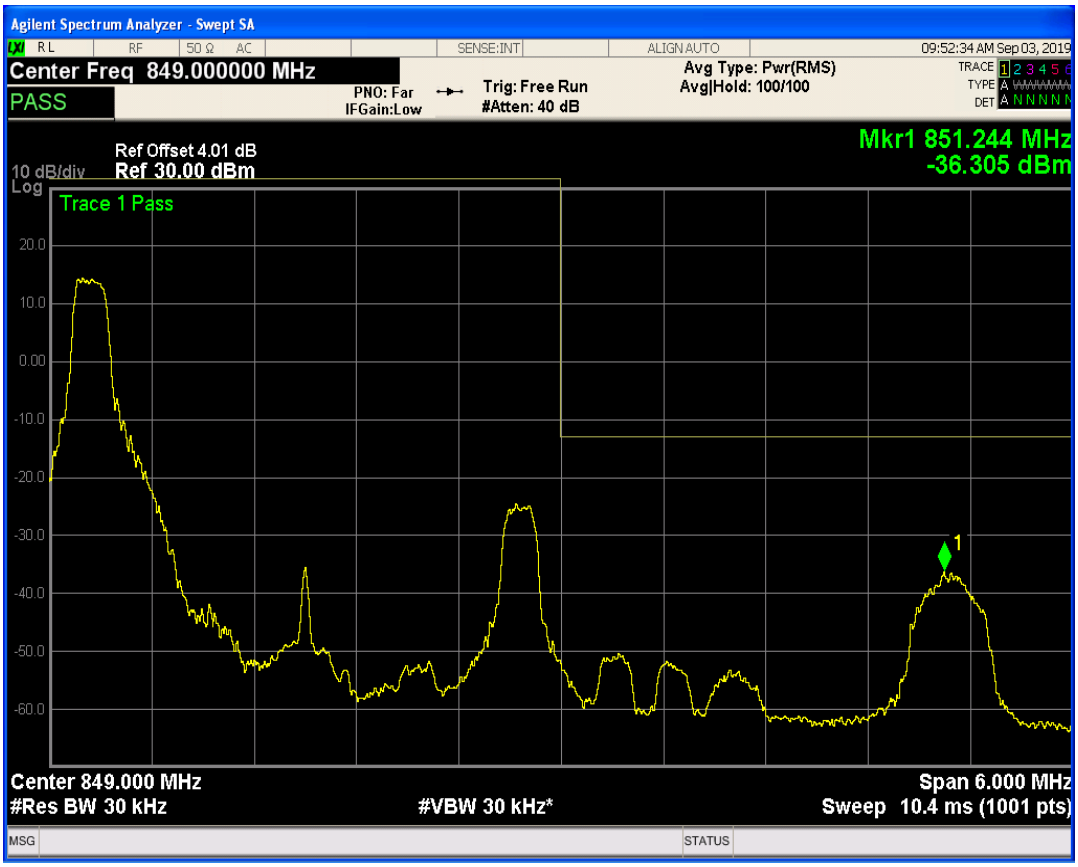

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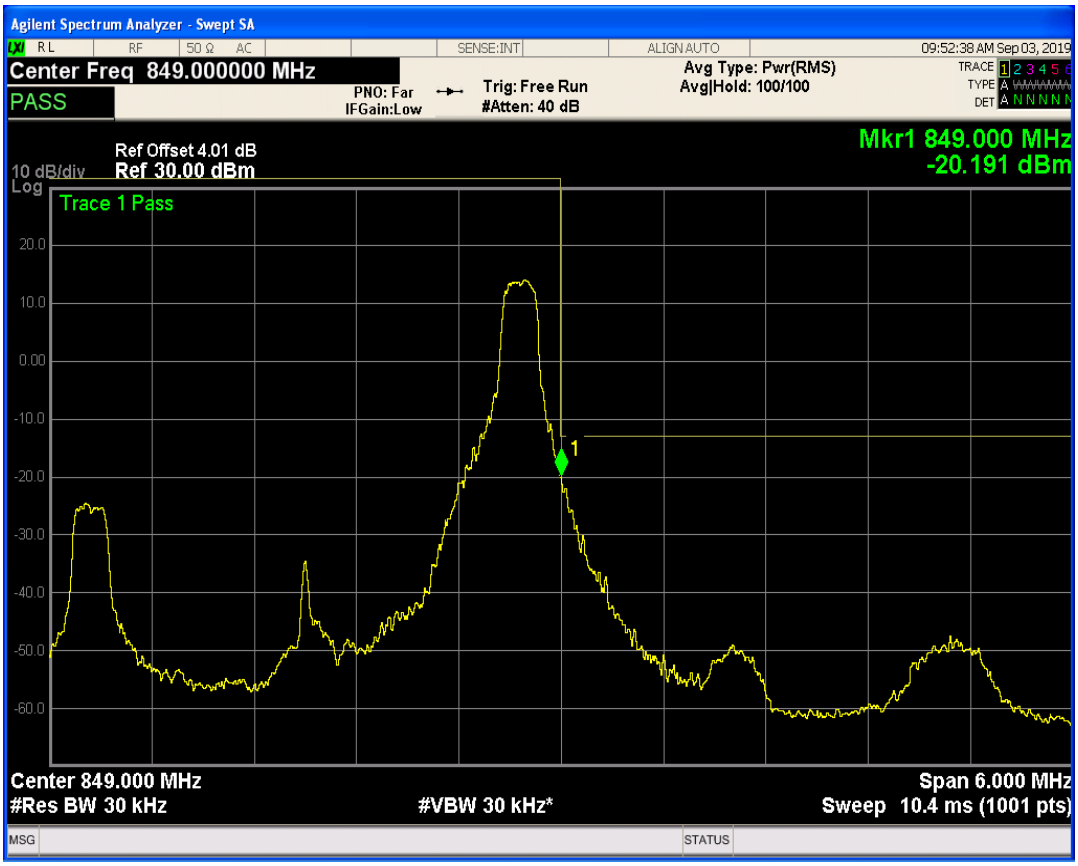

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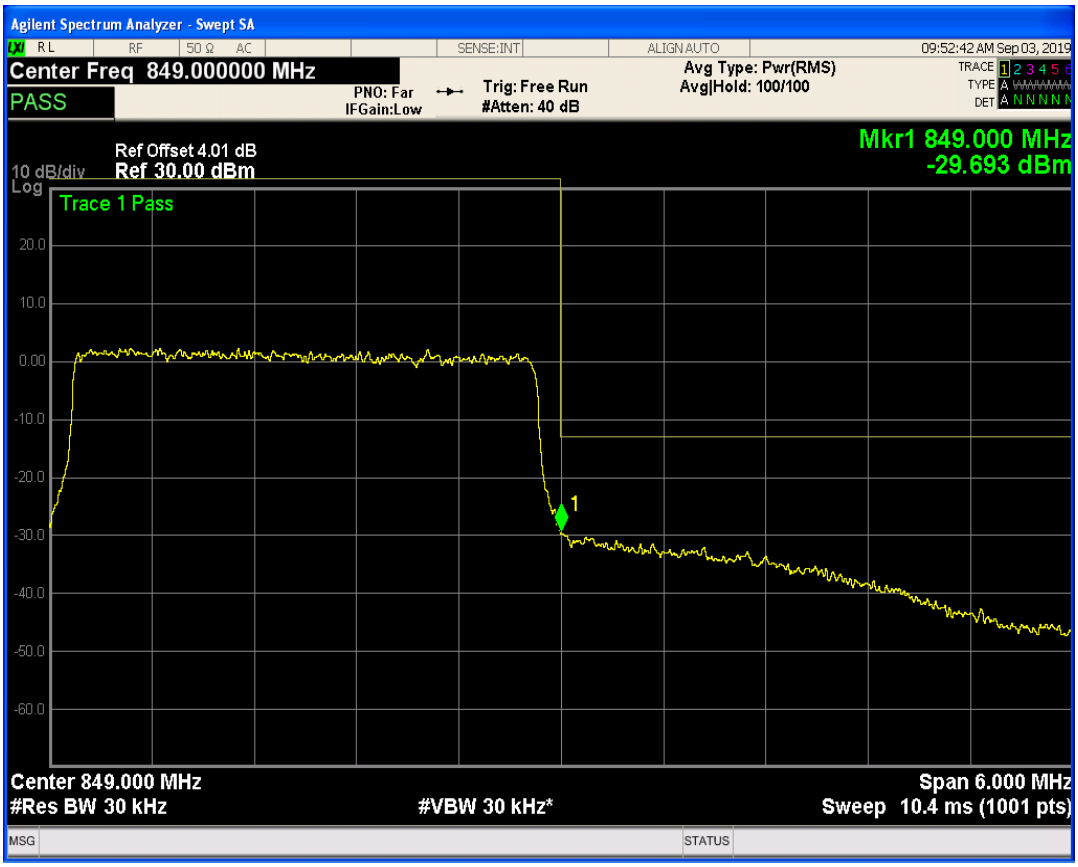
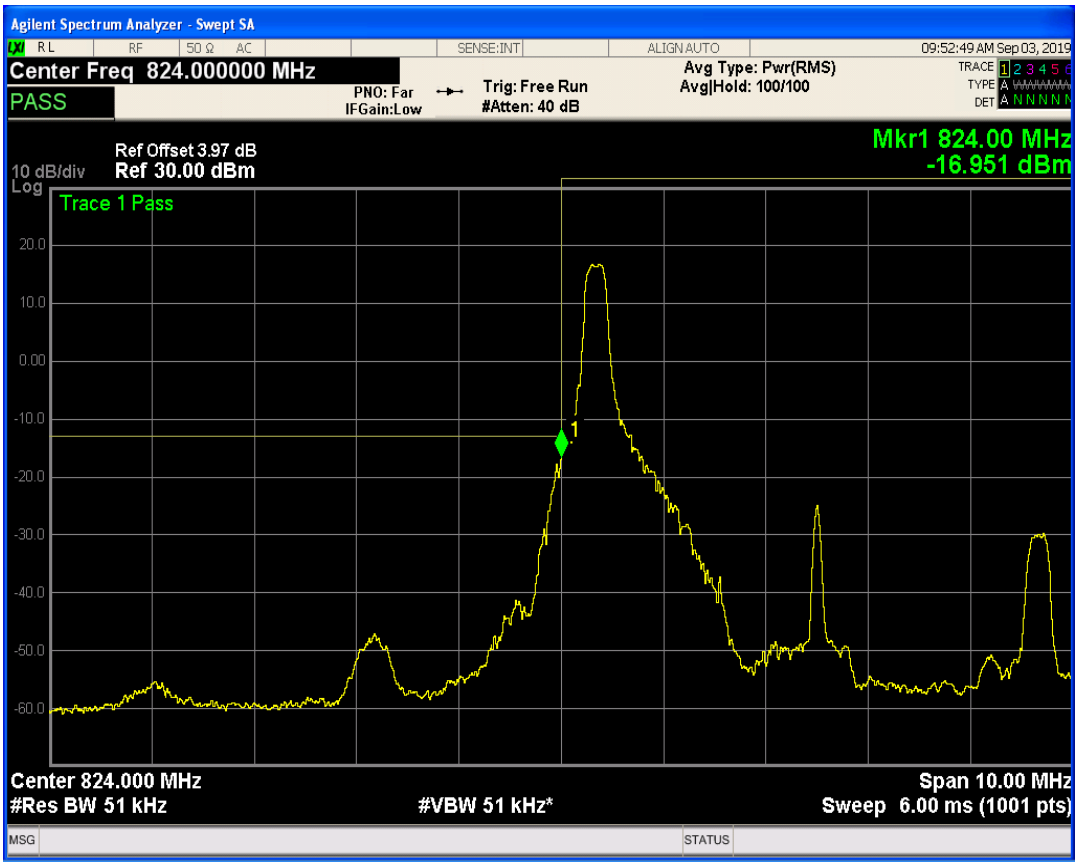


LTE Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



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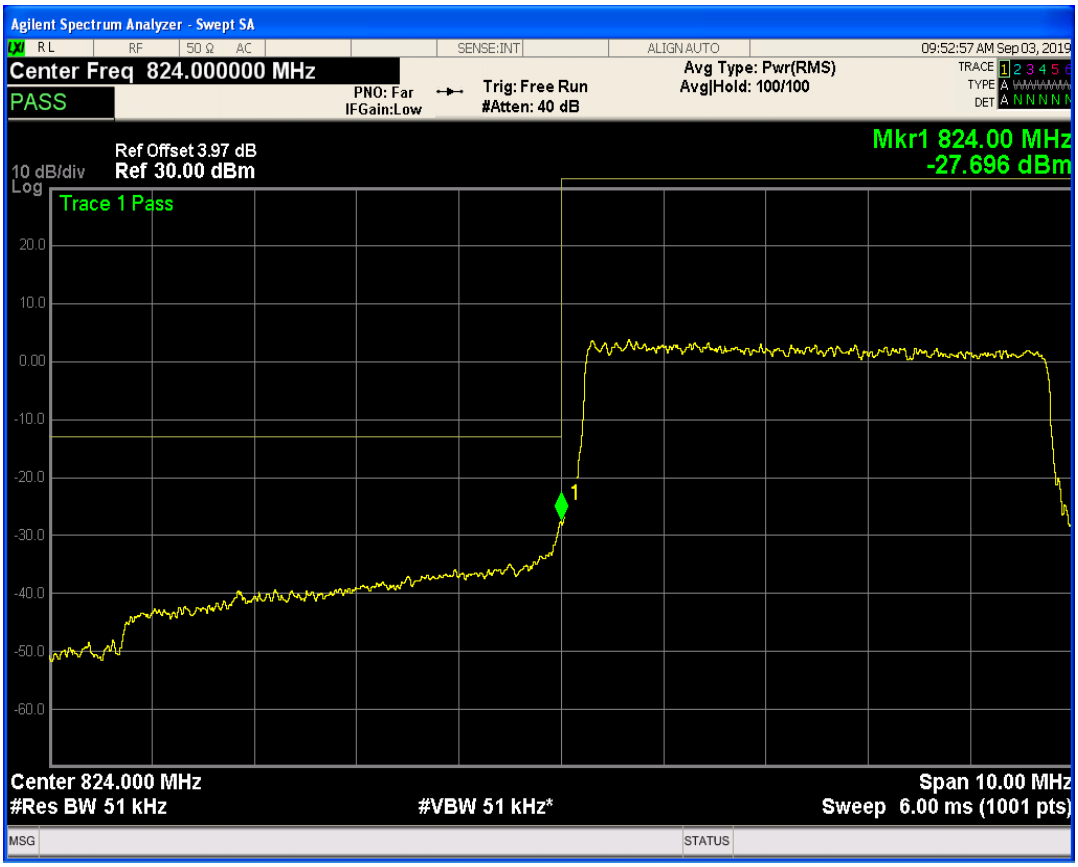

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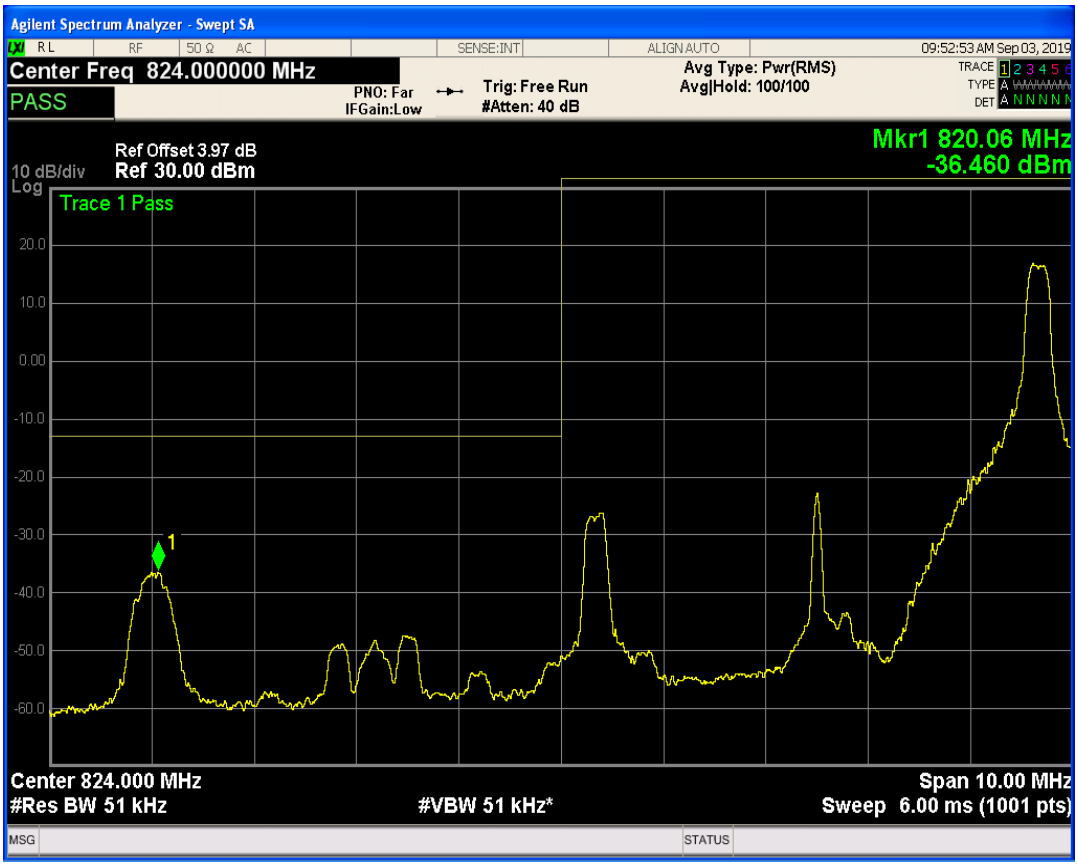

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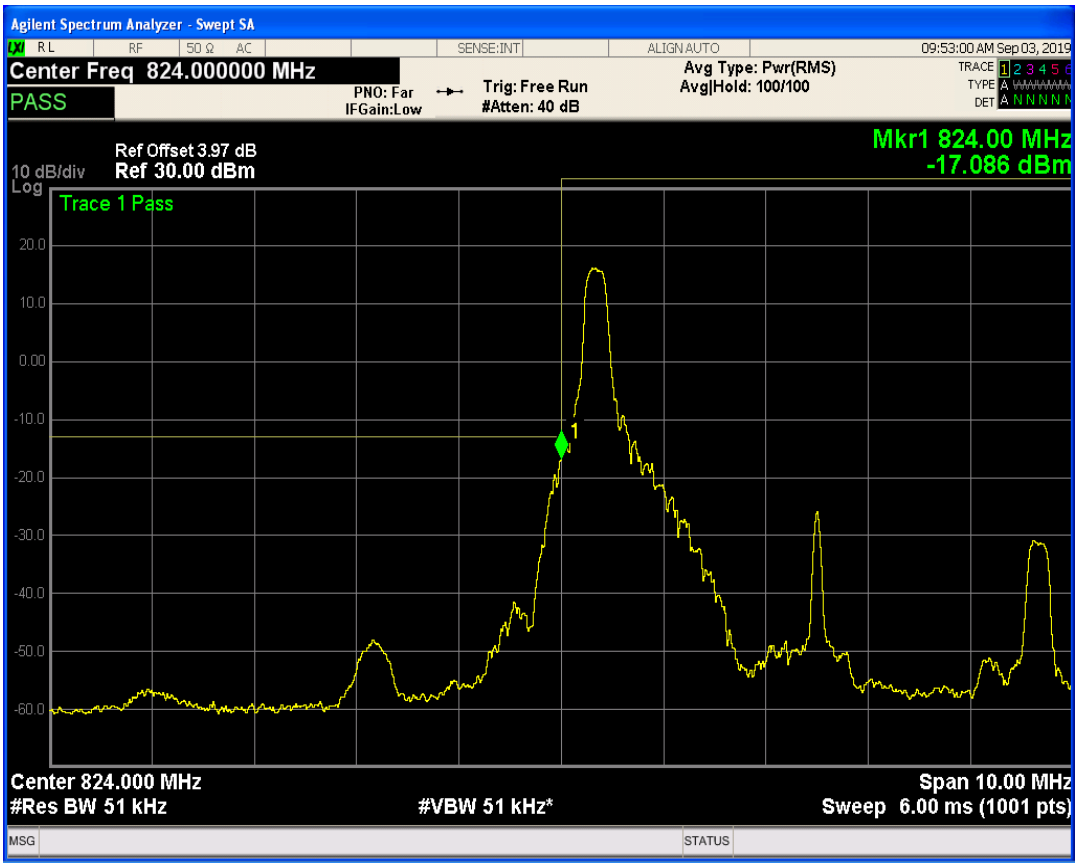

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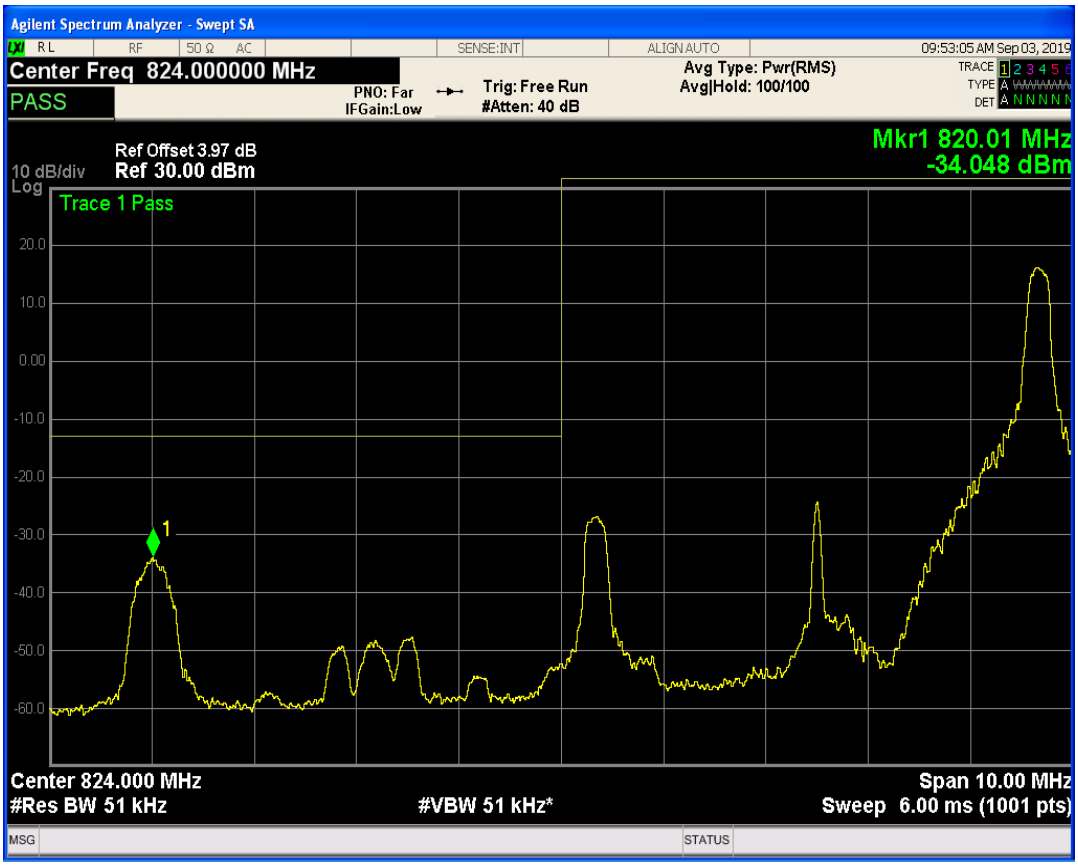

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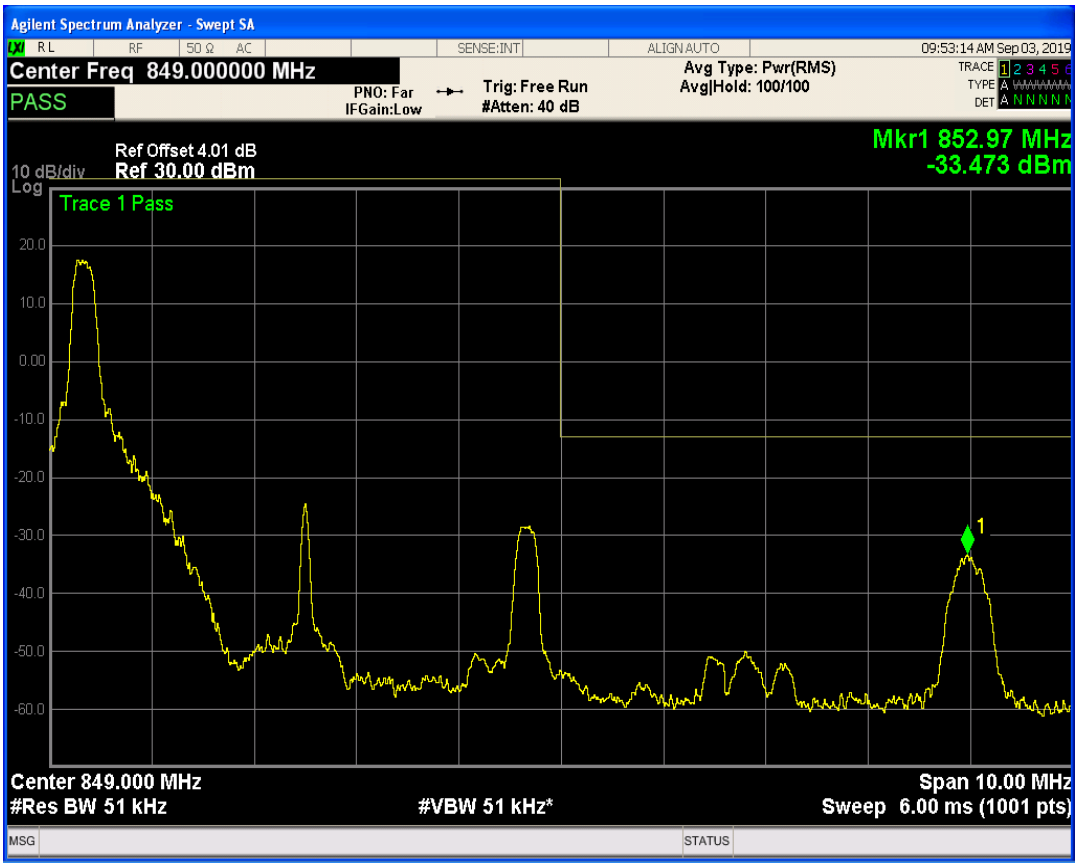

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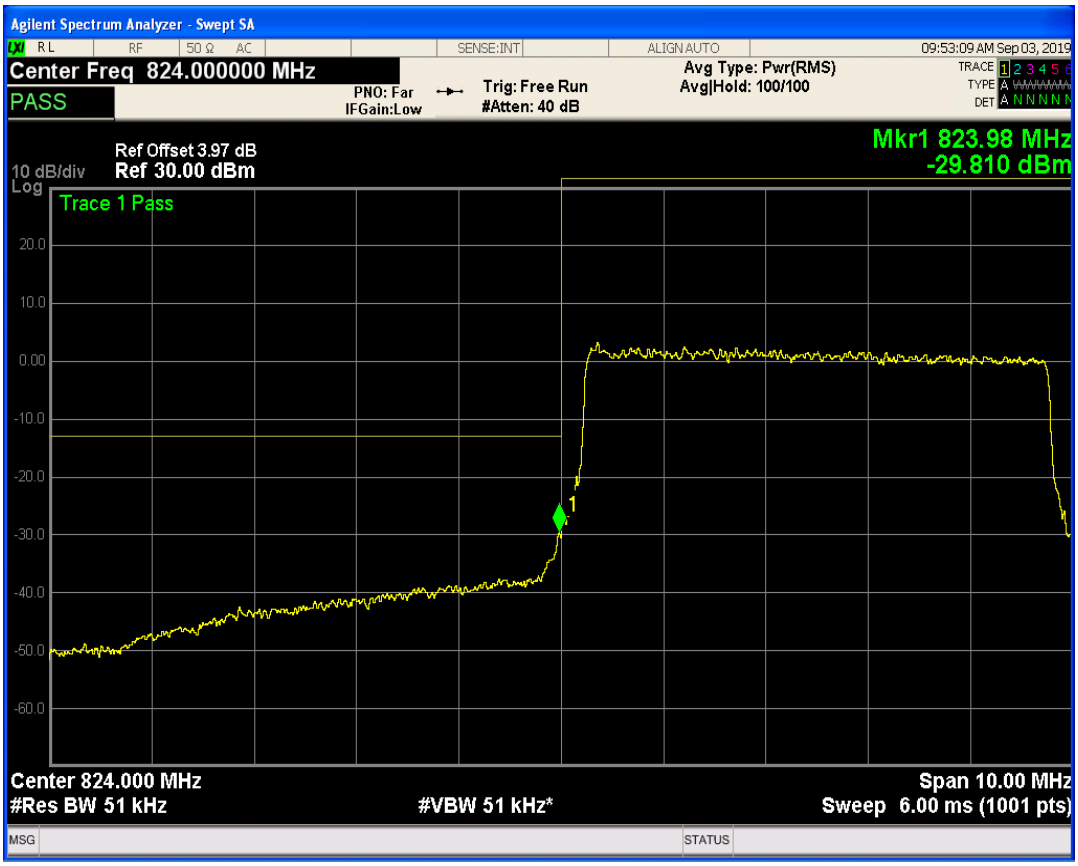

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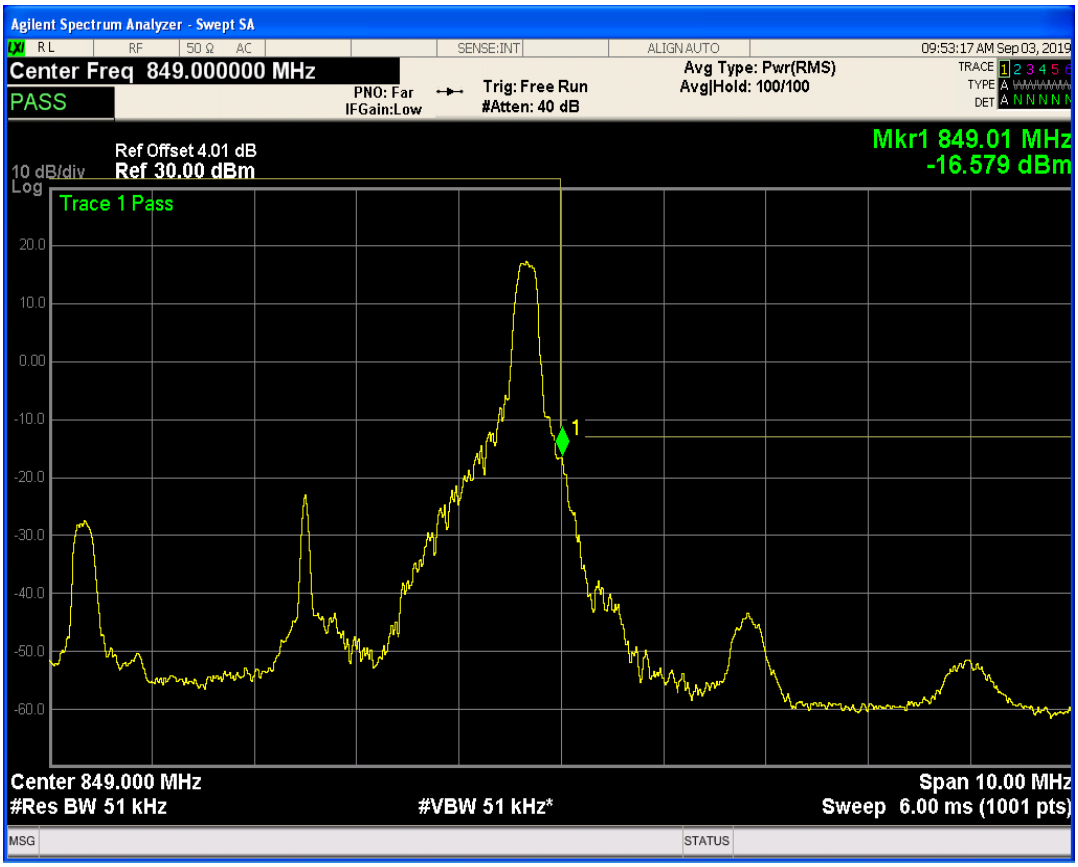

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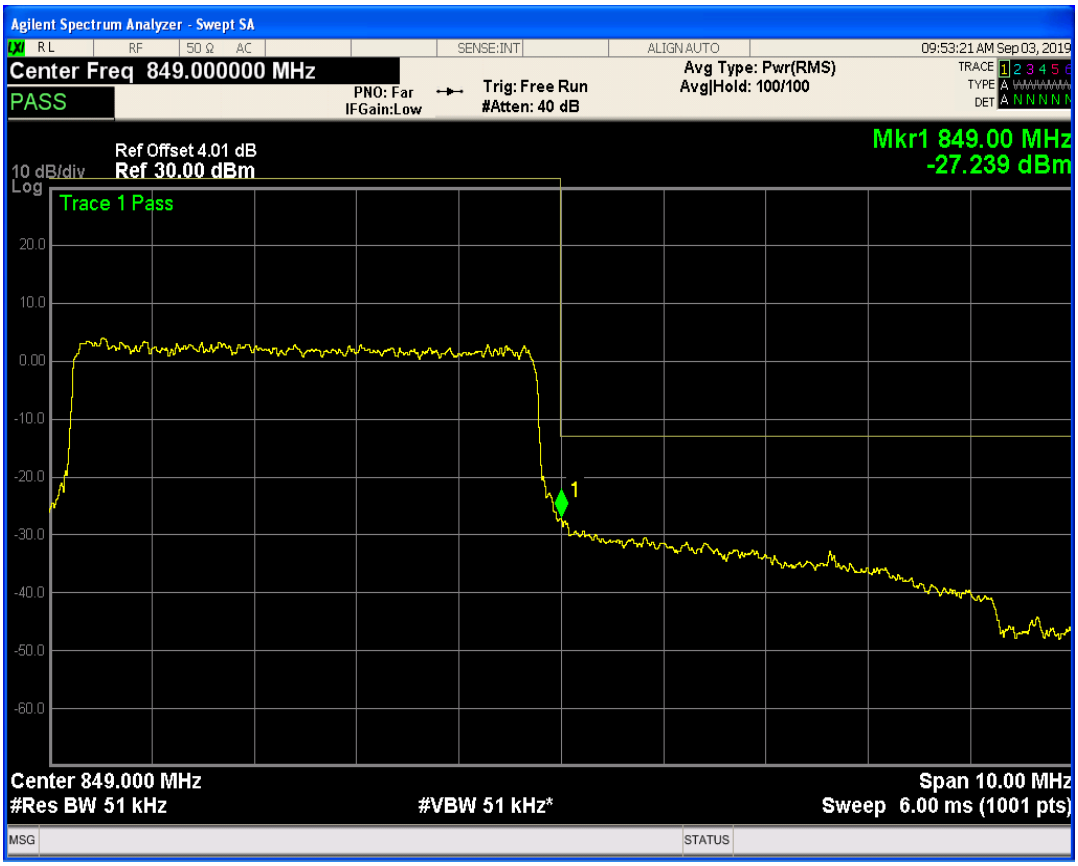
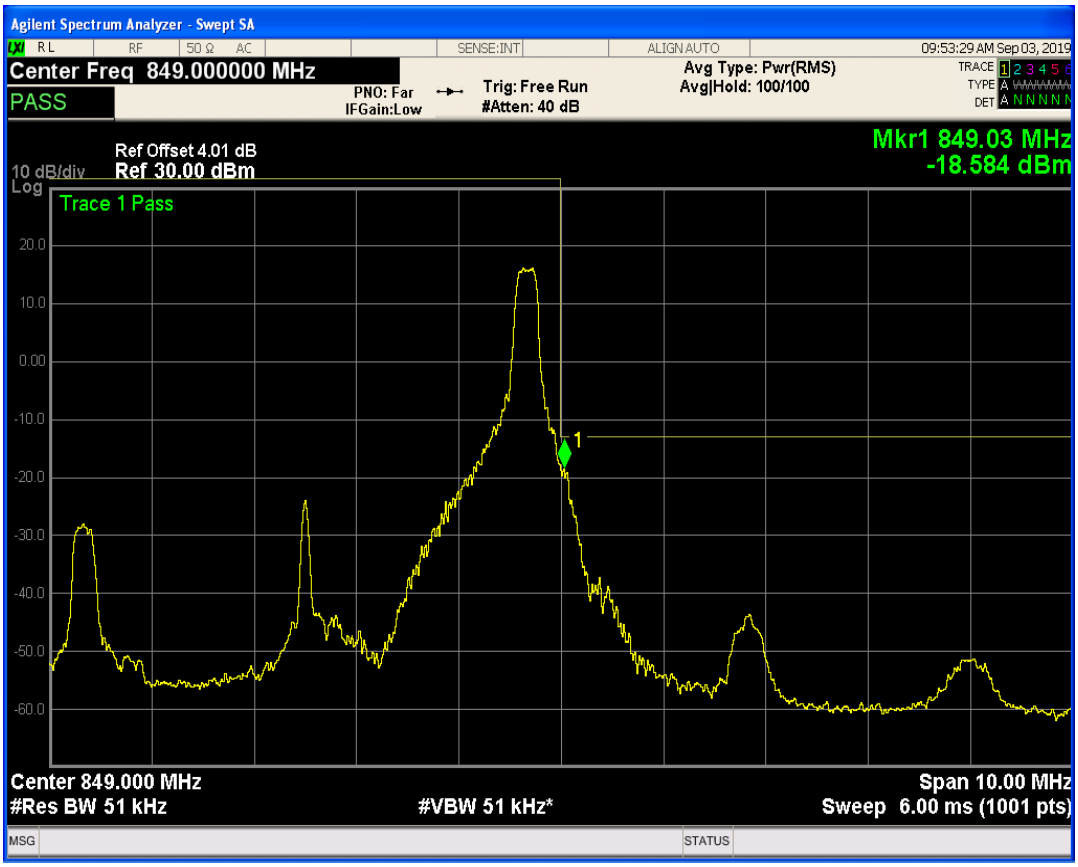
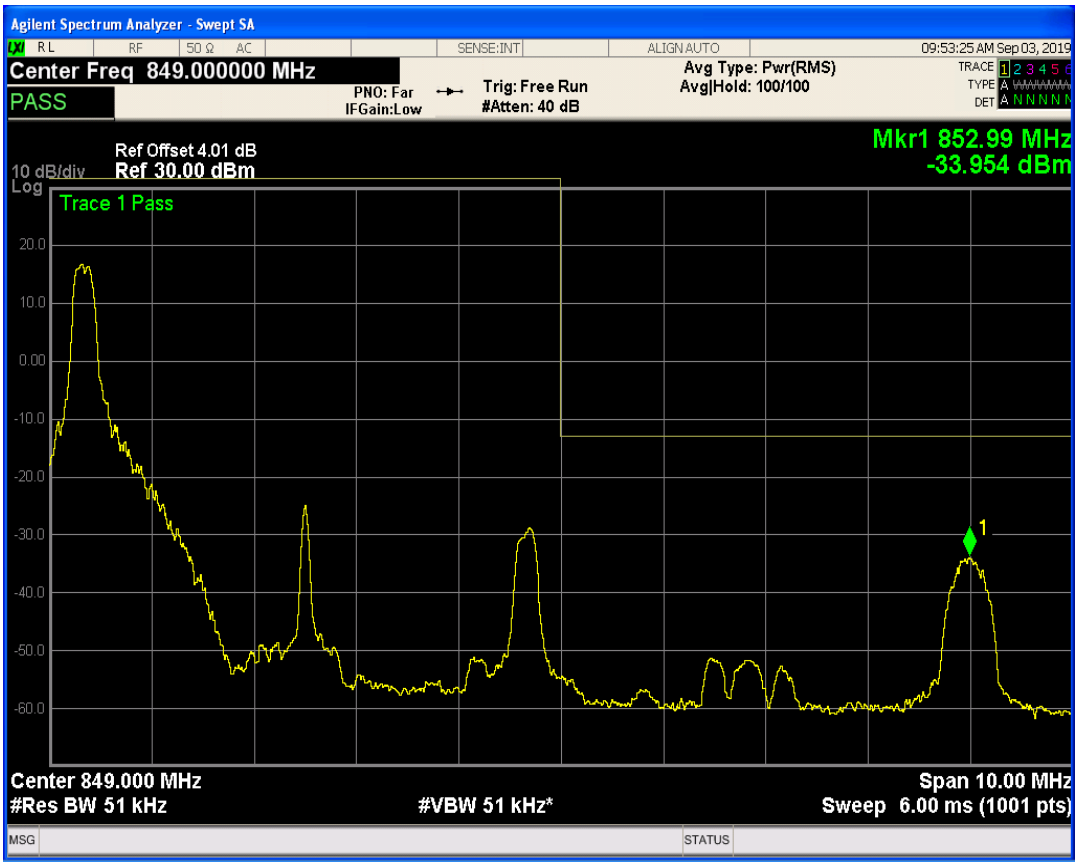


LTE Band5 QAM16 BW=5MHz Channel=20625 RB Size=1 Position=#Max



LTE Band5 QAM16 BW=5MHz Channel=20625 RB Size=1 Position=#0



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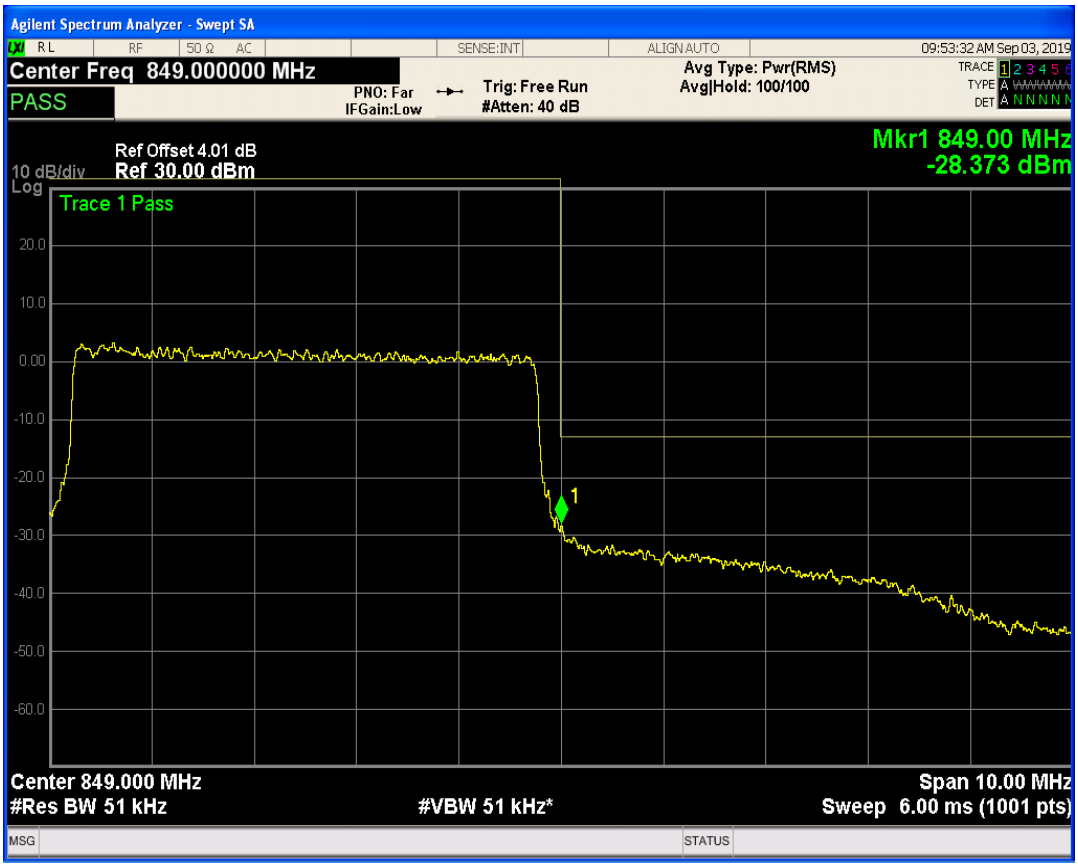
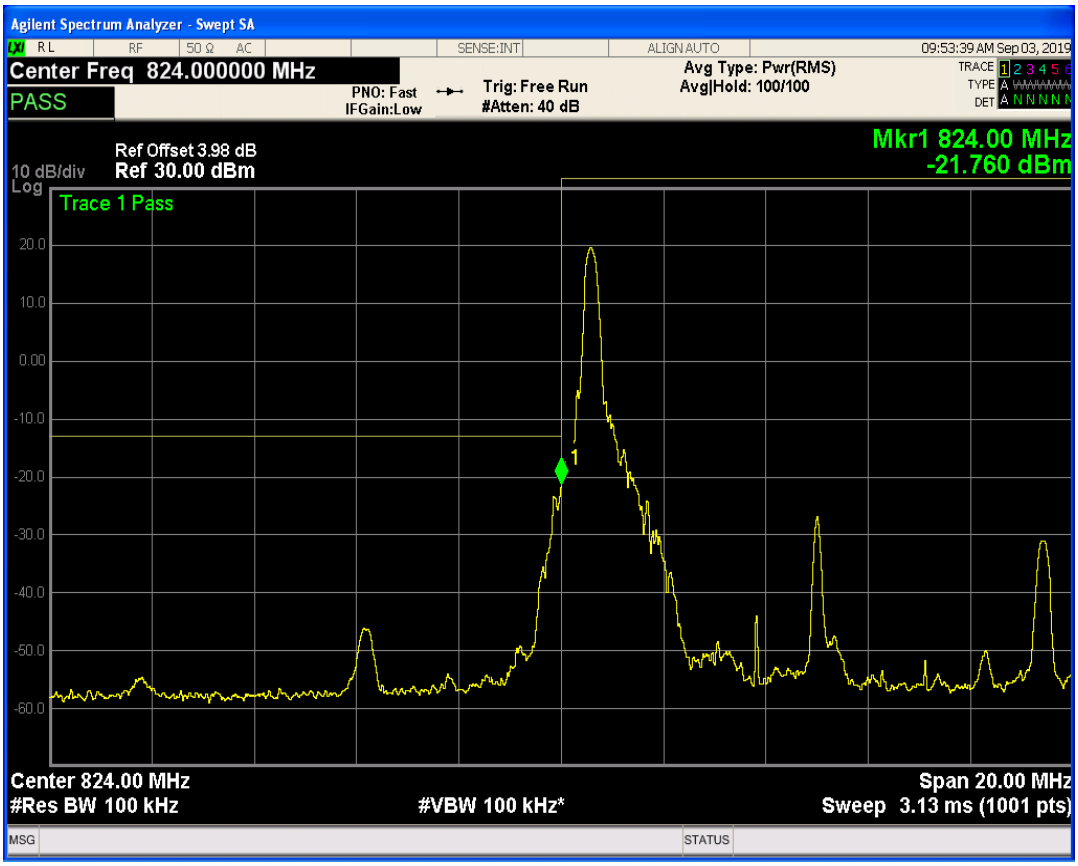


LTE Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



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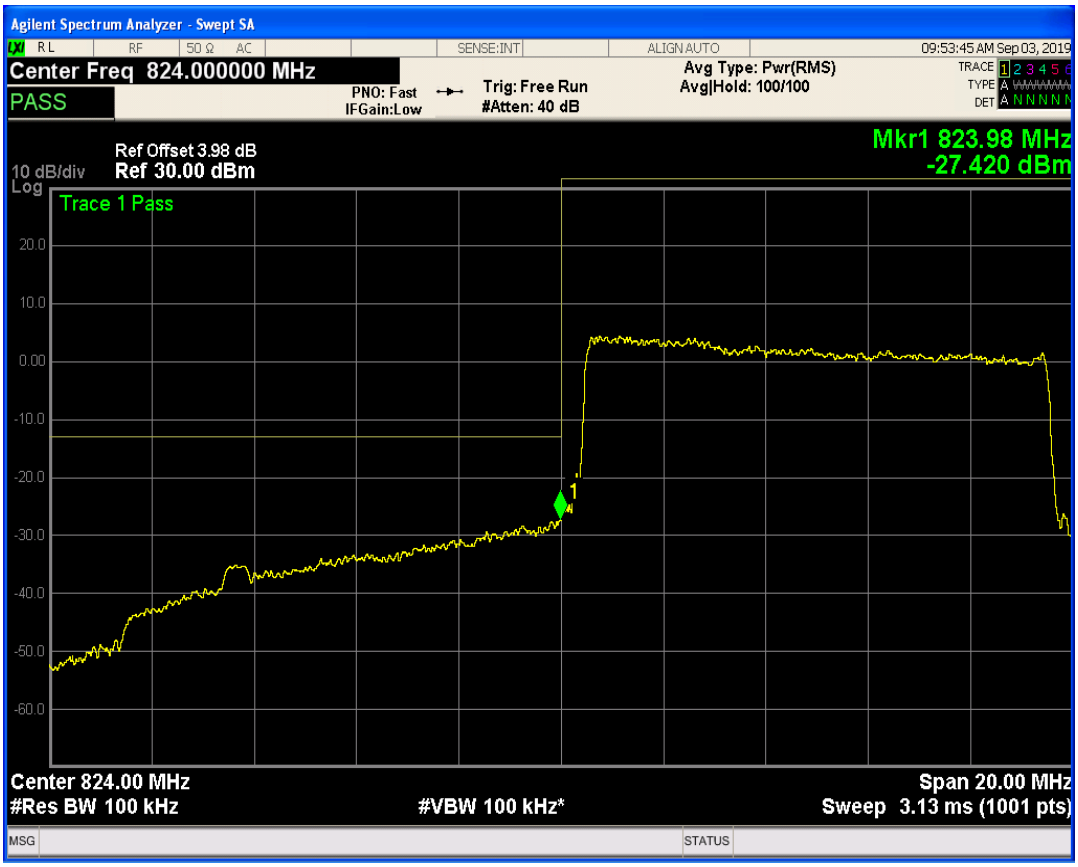

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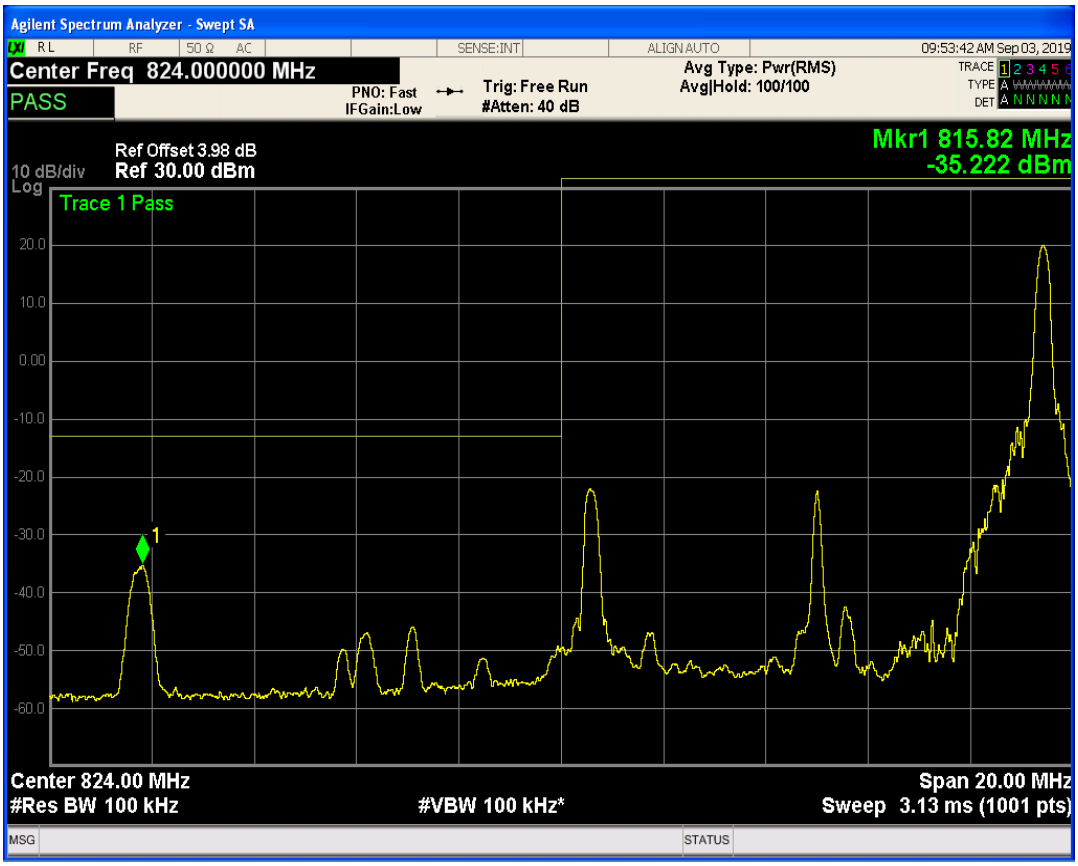

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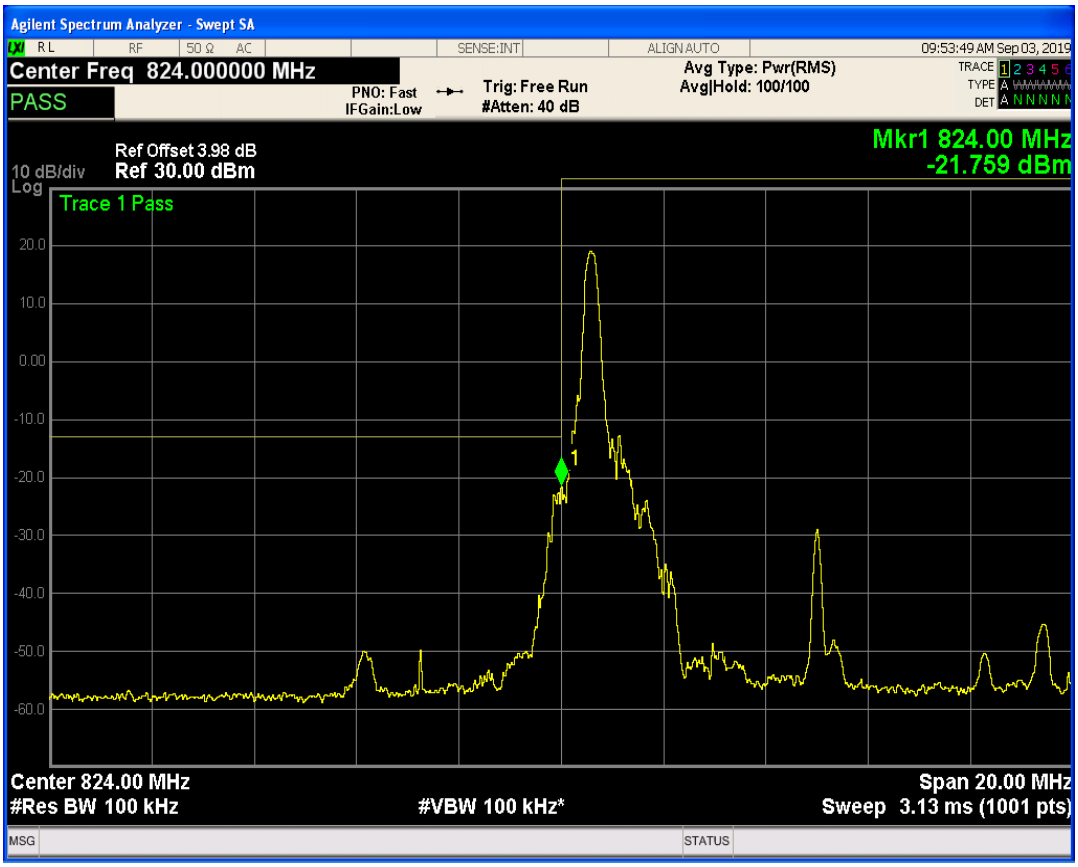

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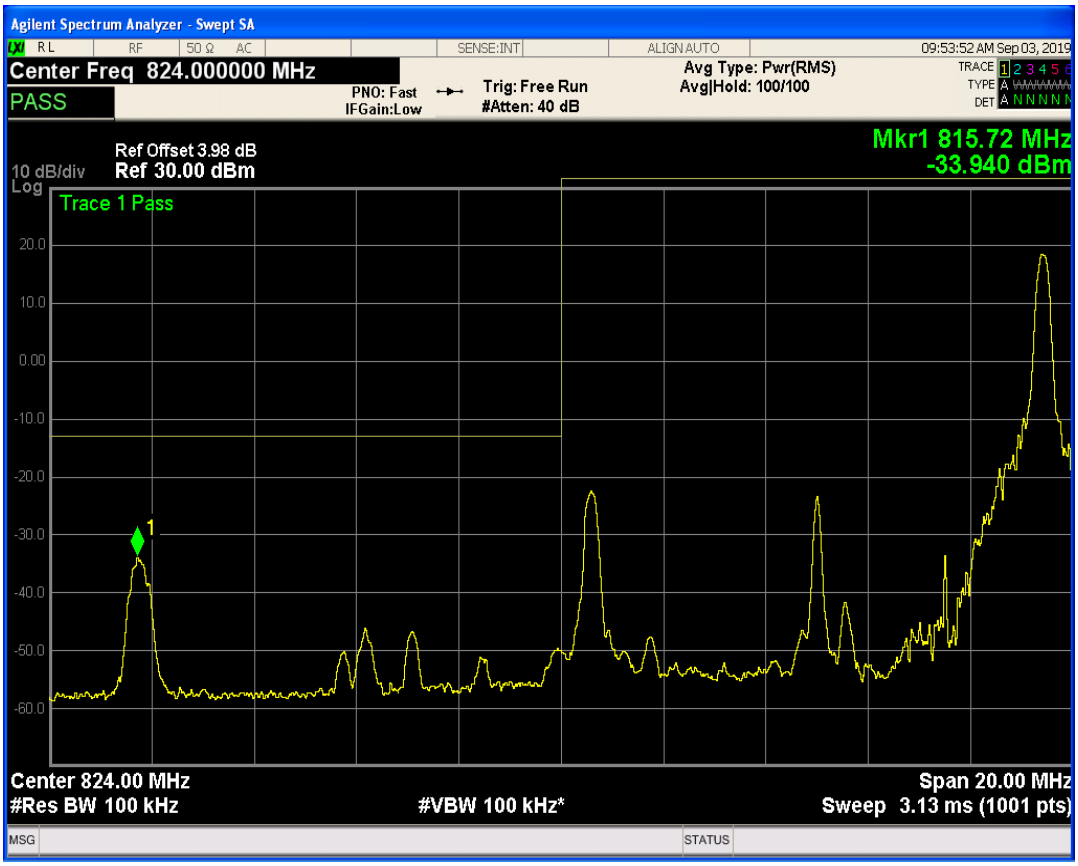

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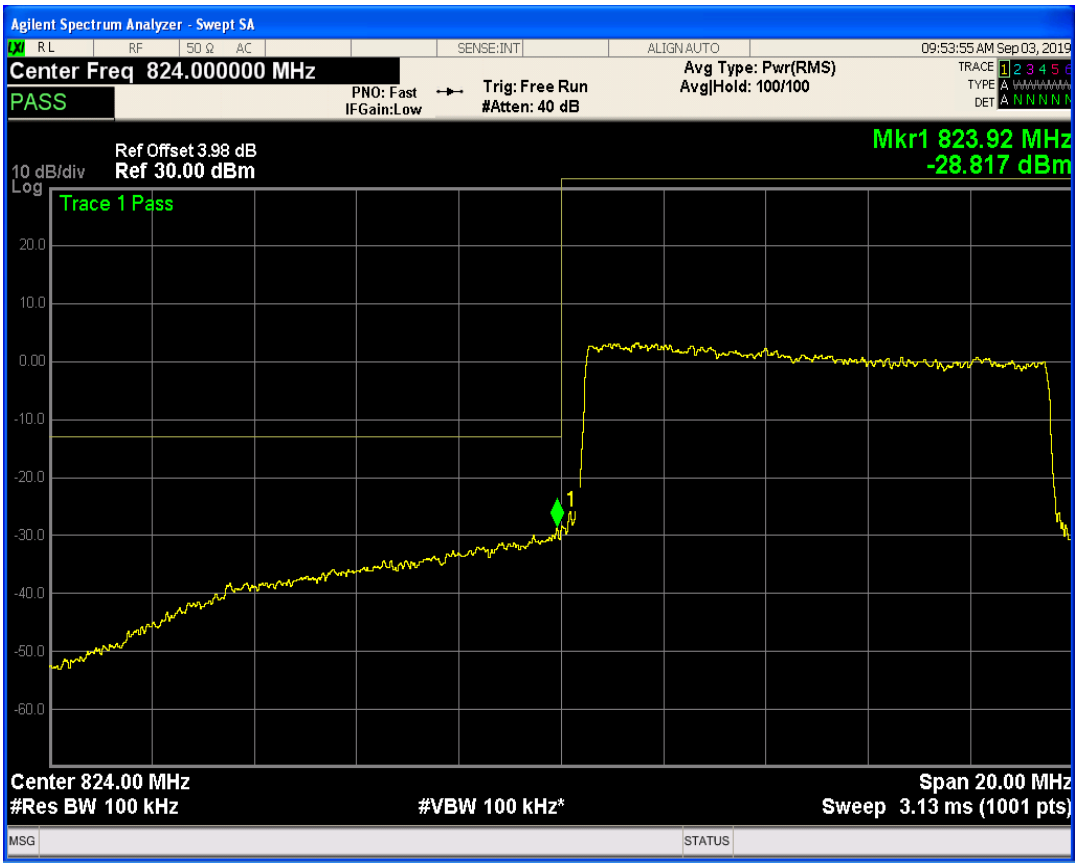

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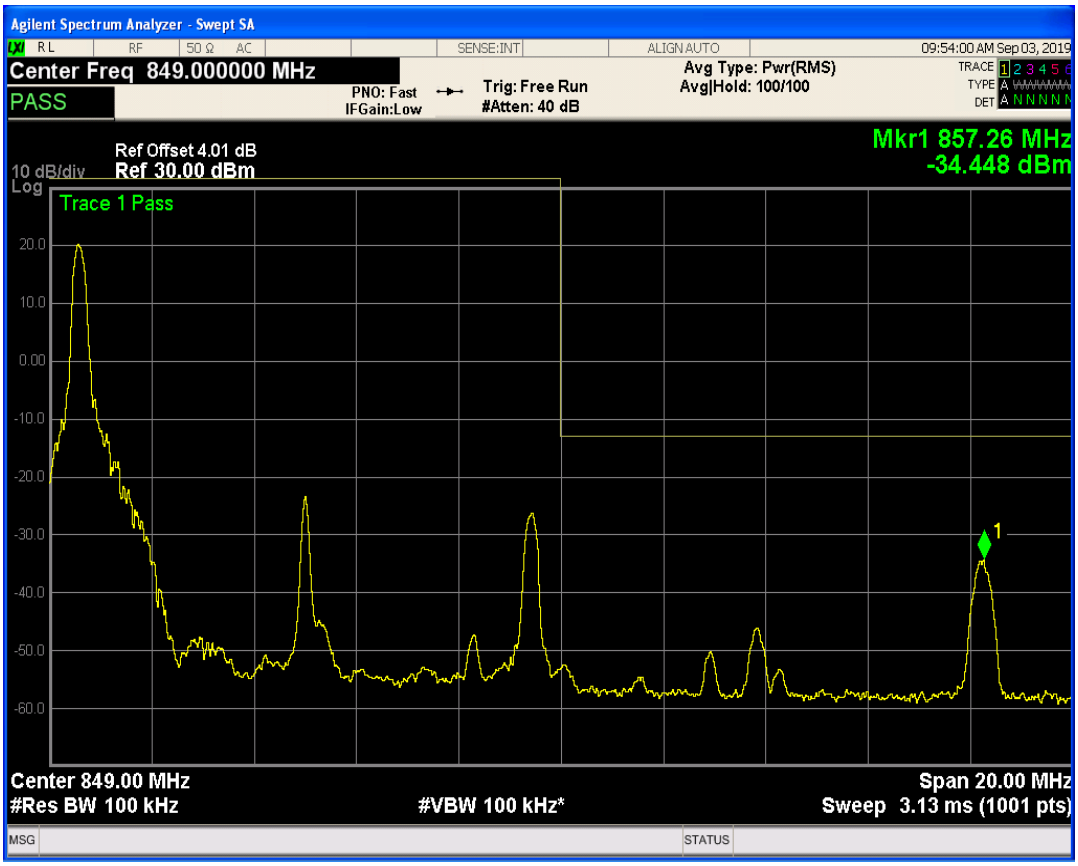
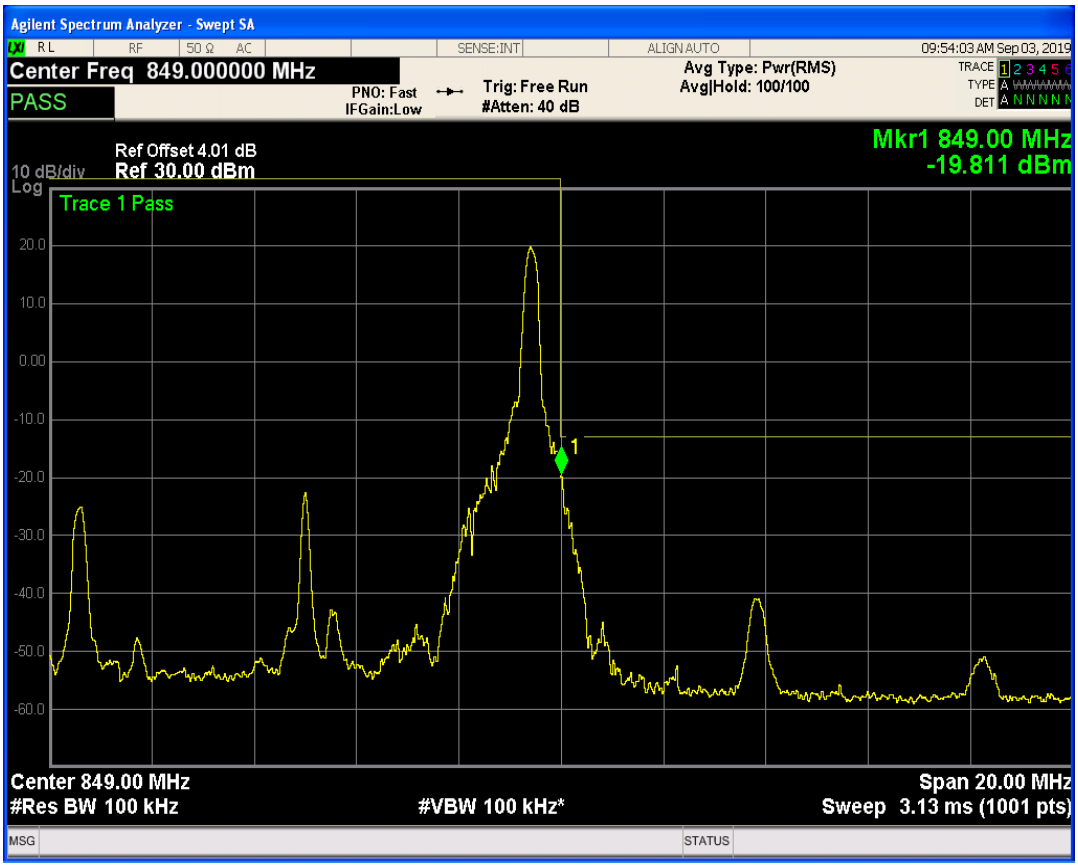


LTE Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max



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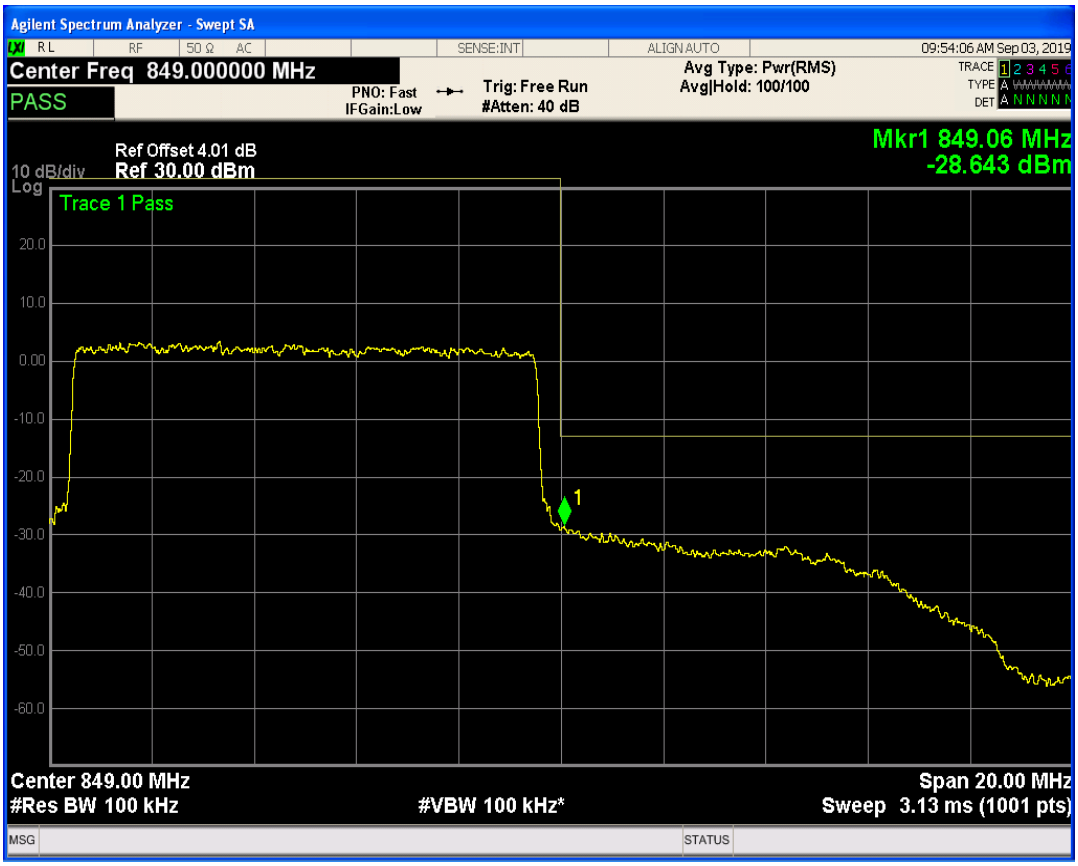
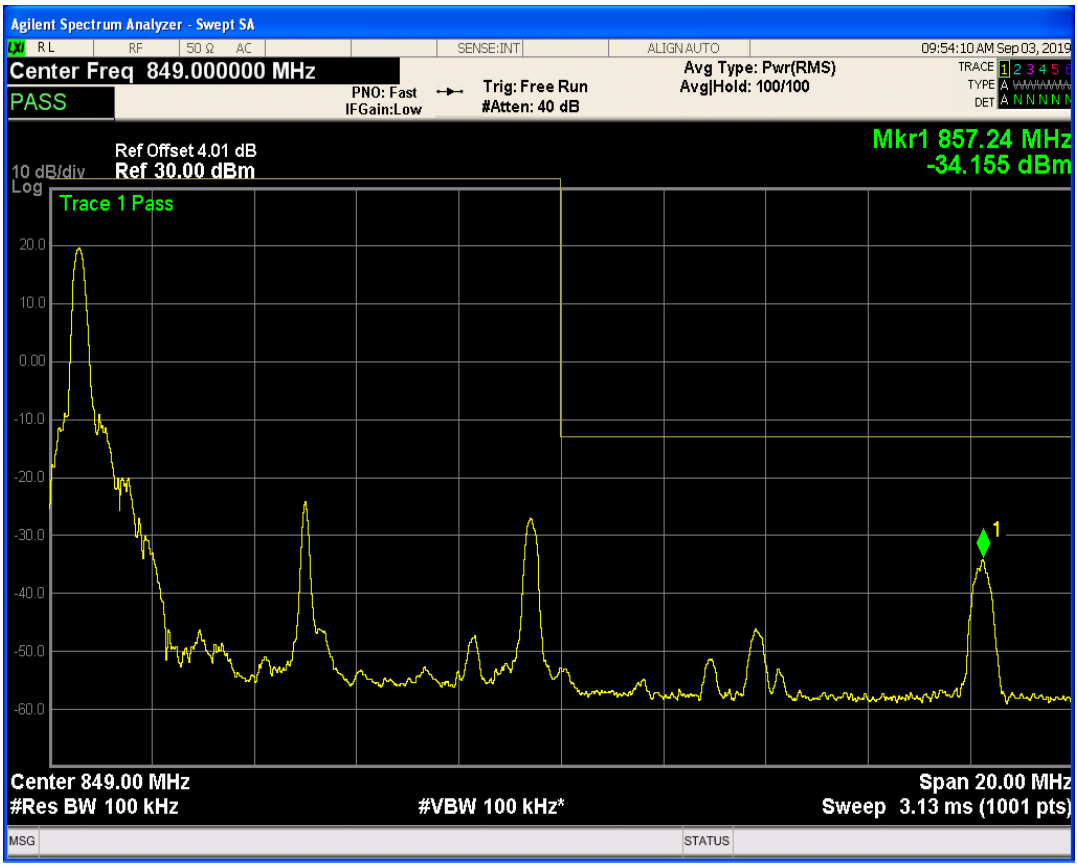
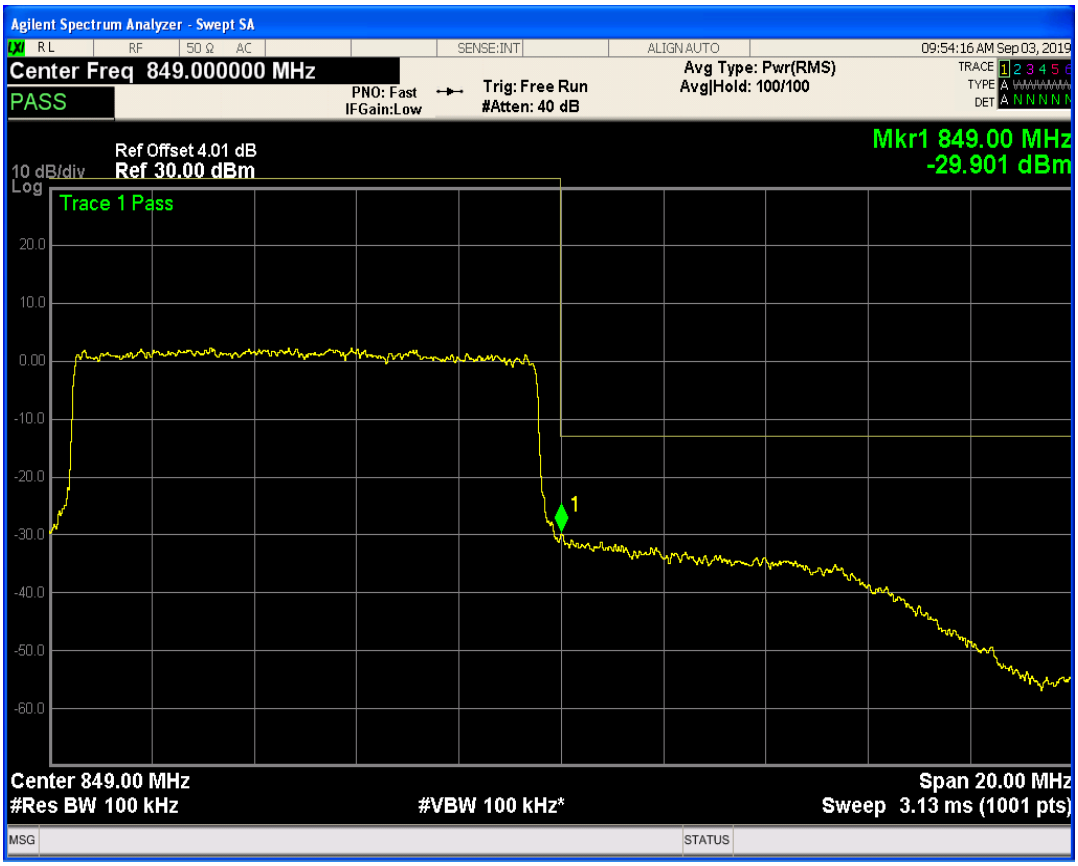


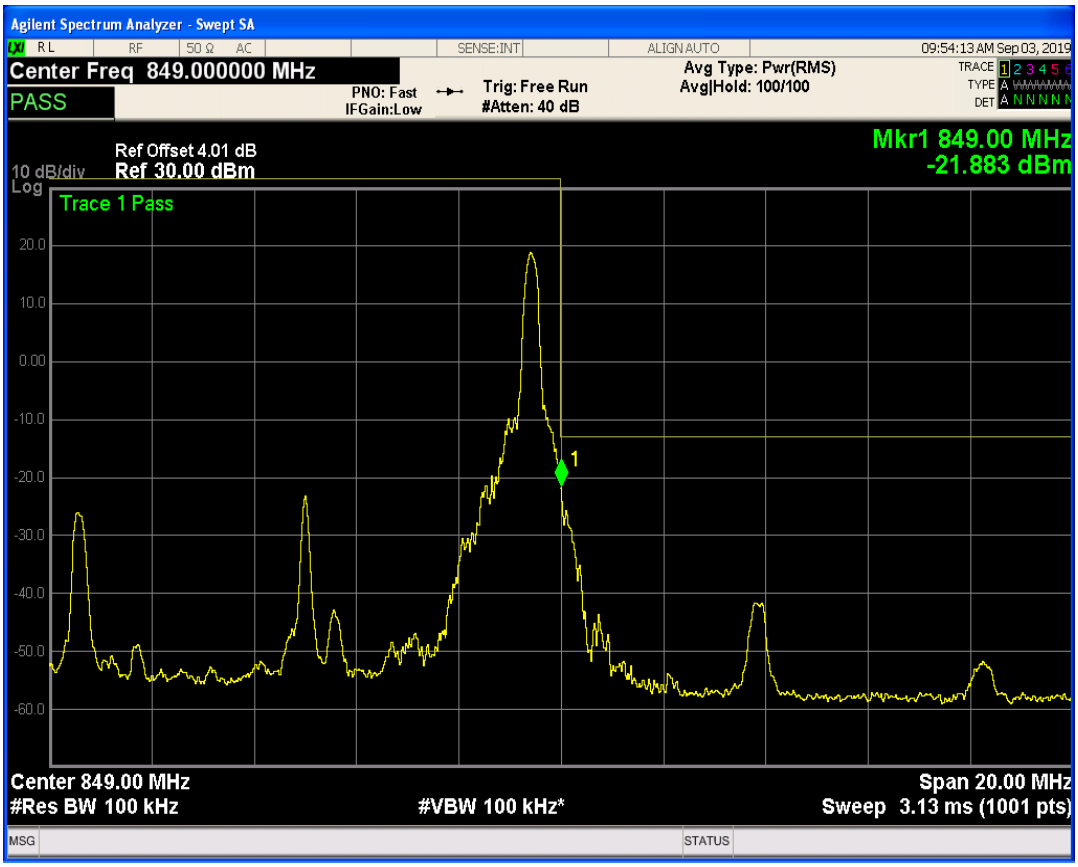
LTE Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#0



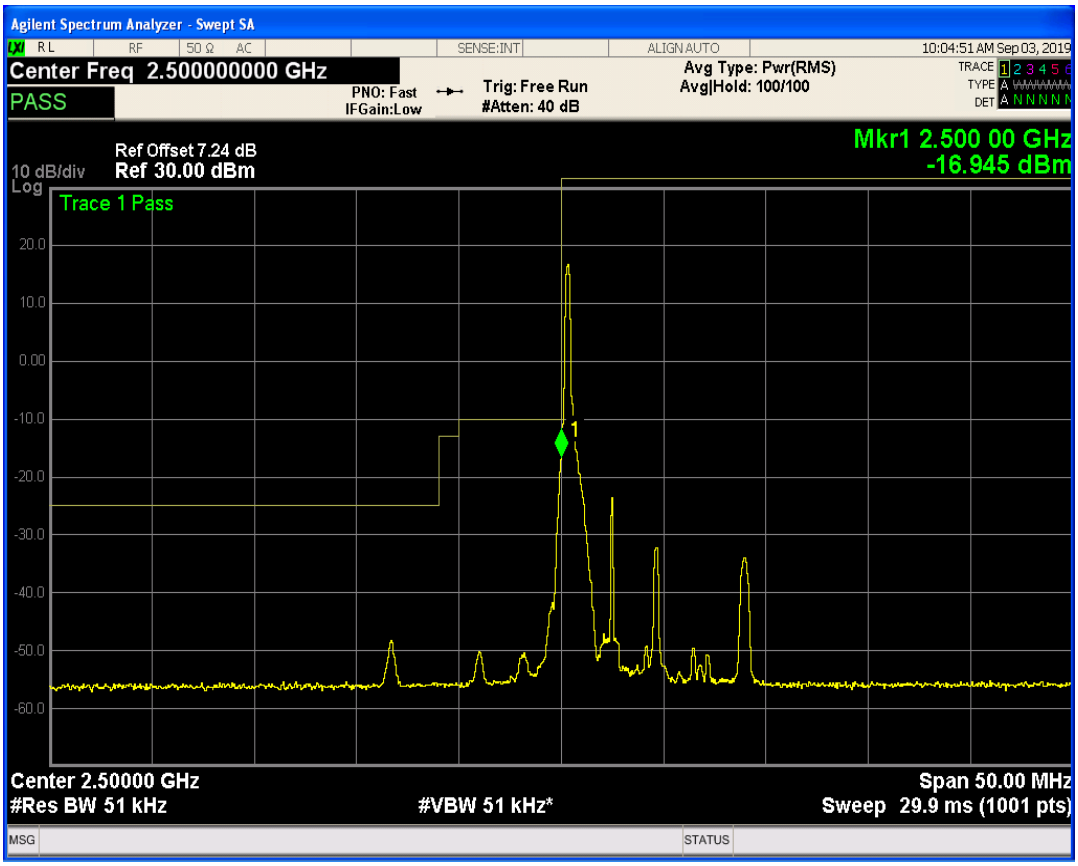
LTE Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0



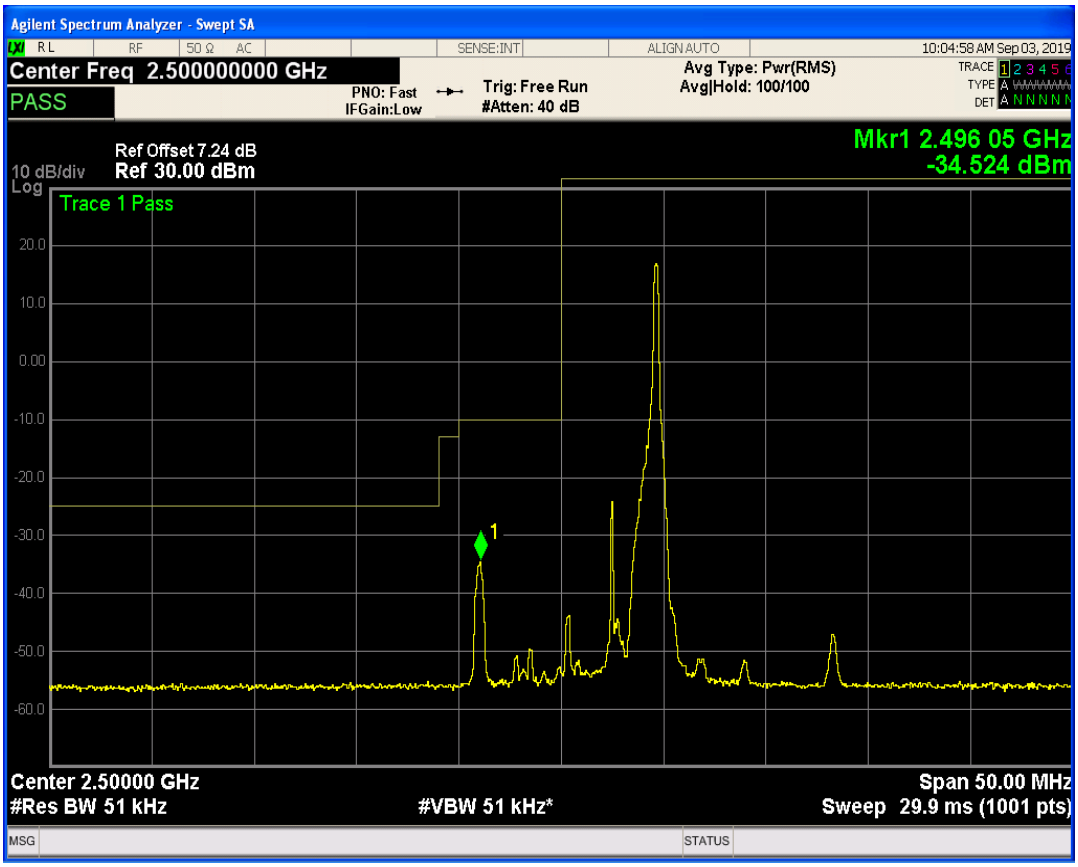
LTE Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#Max



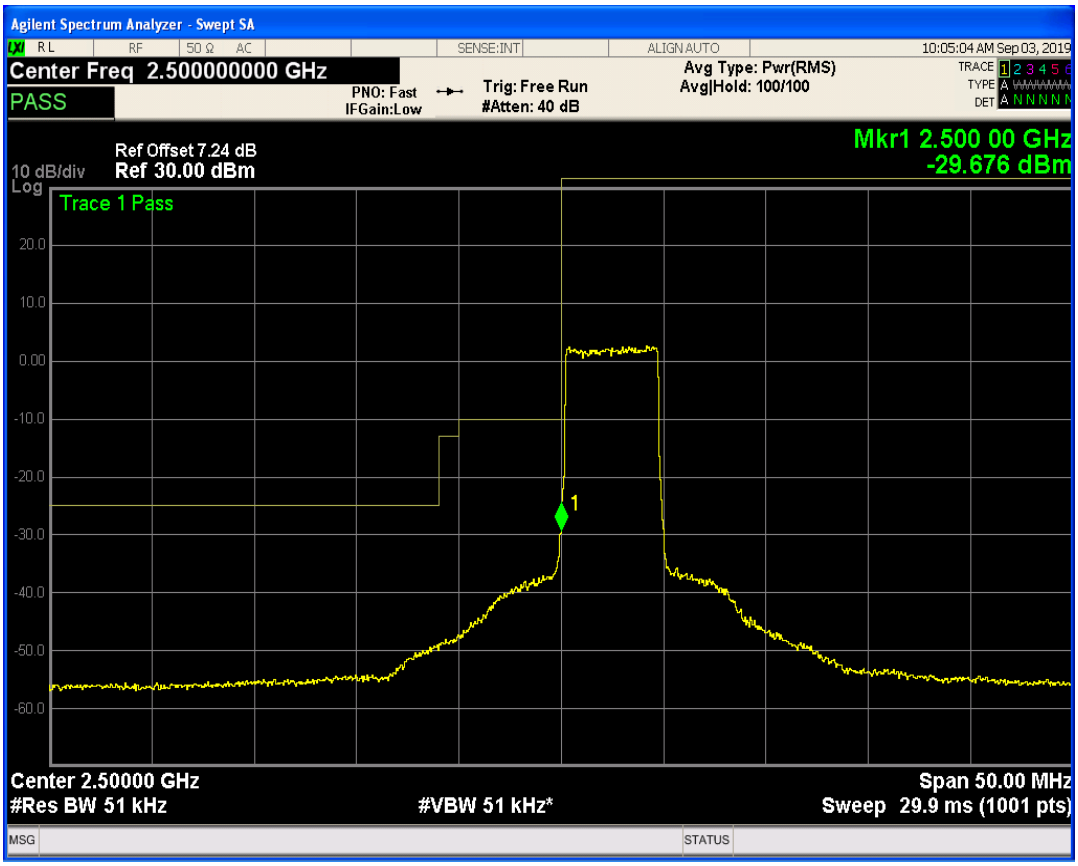
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



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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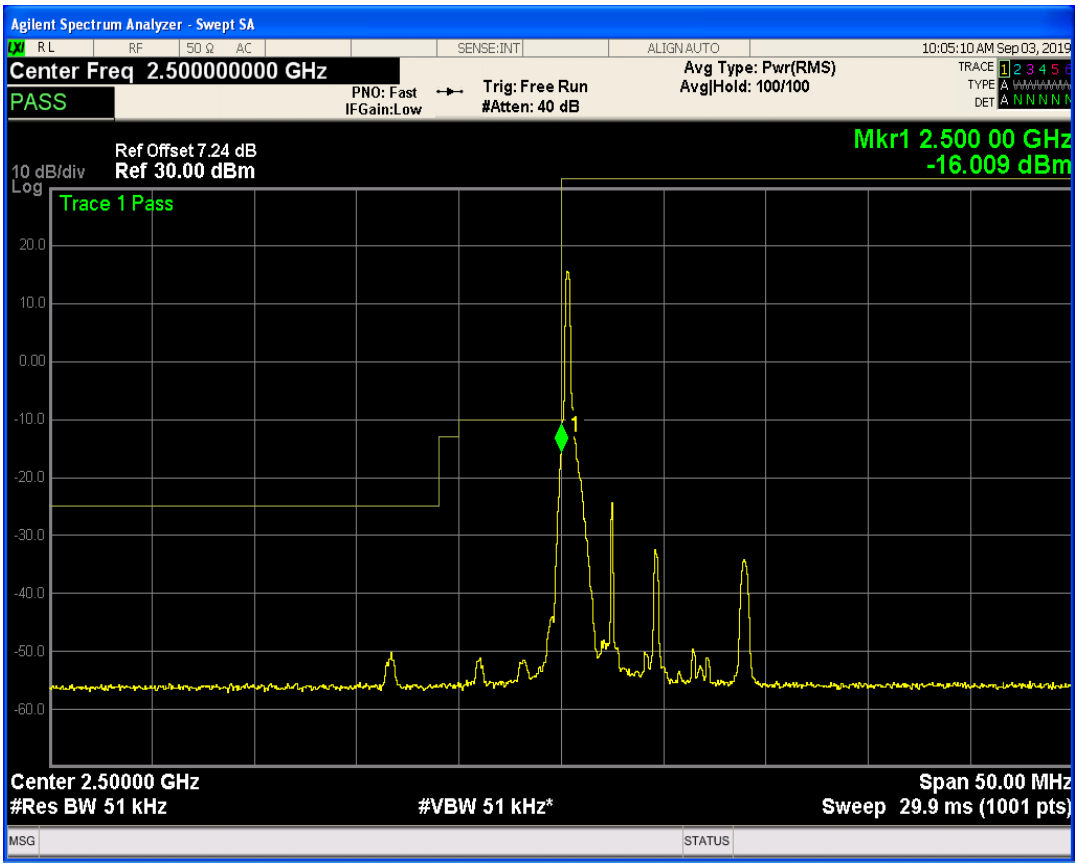

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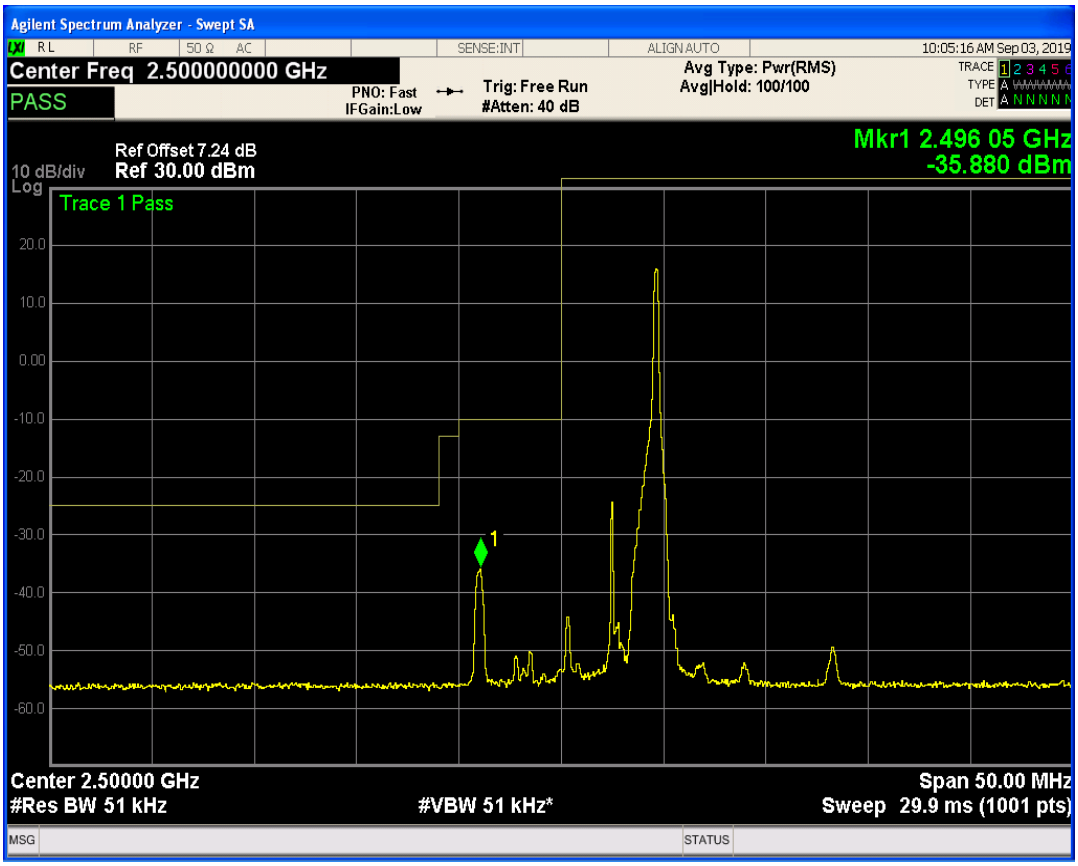
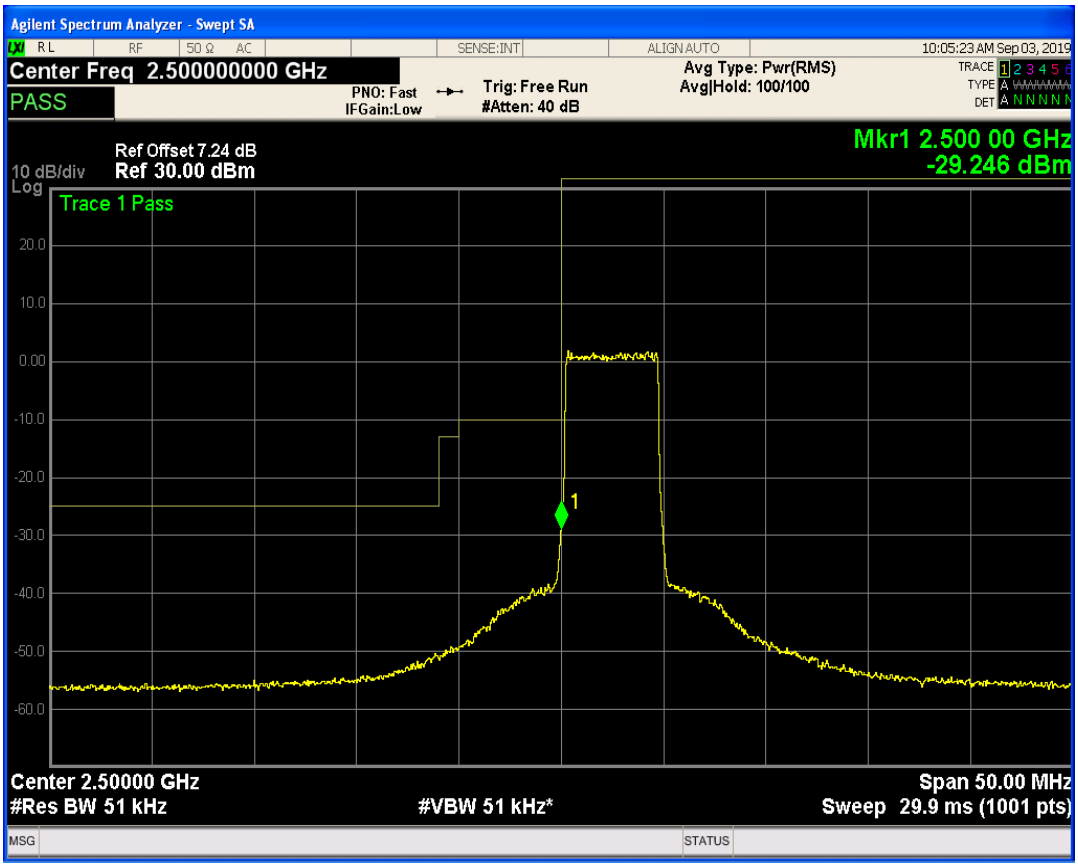


LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



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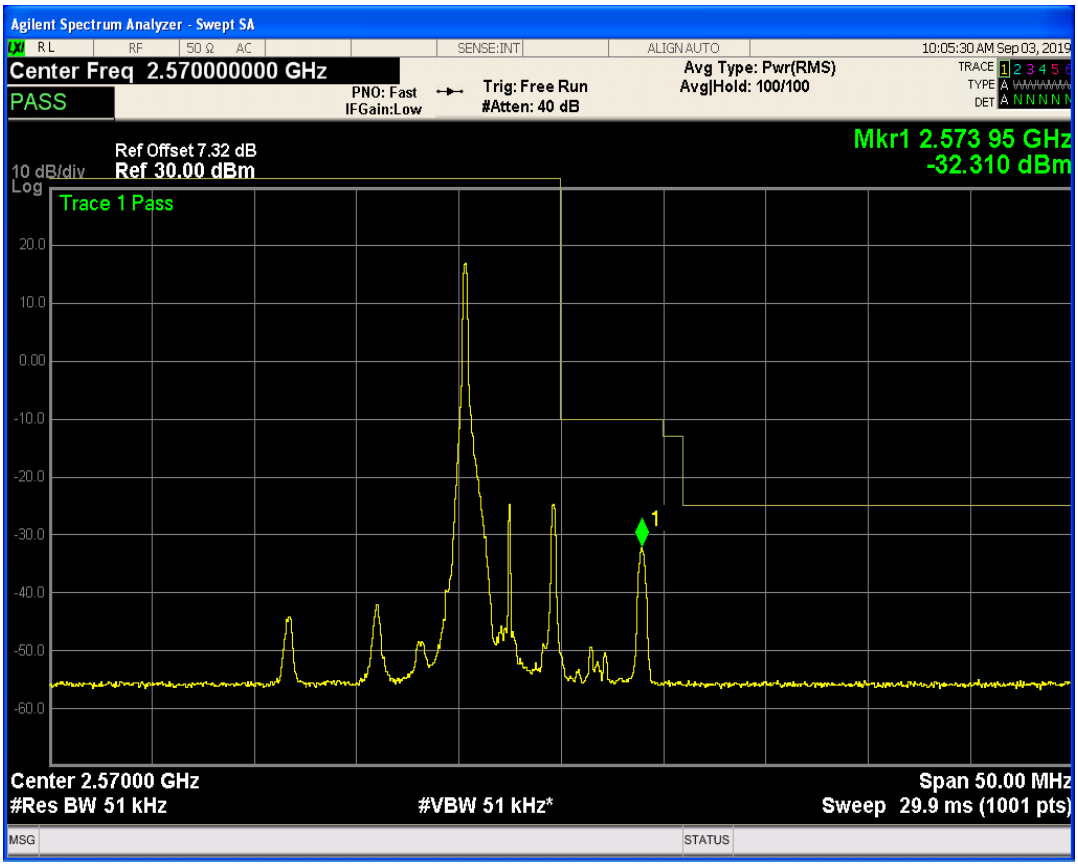

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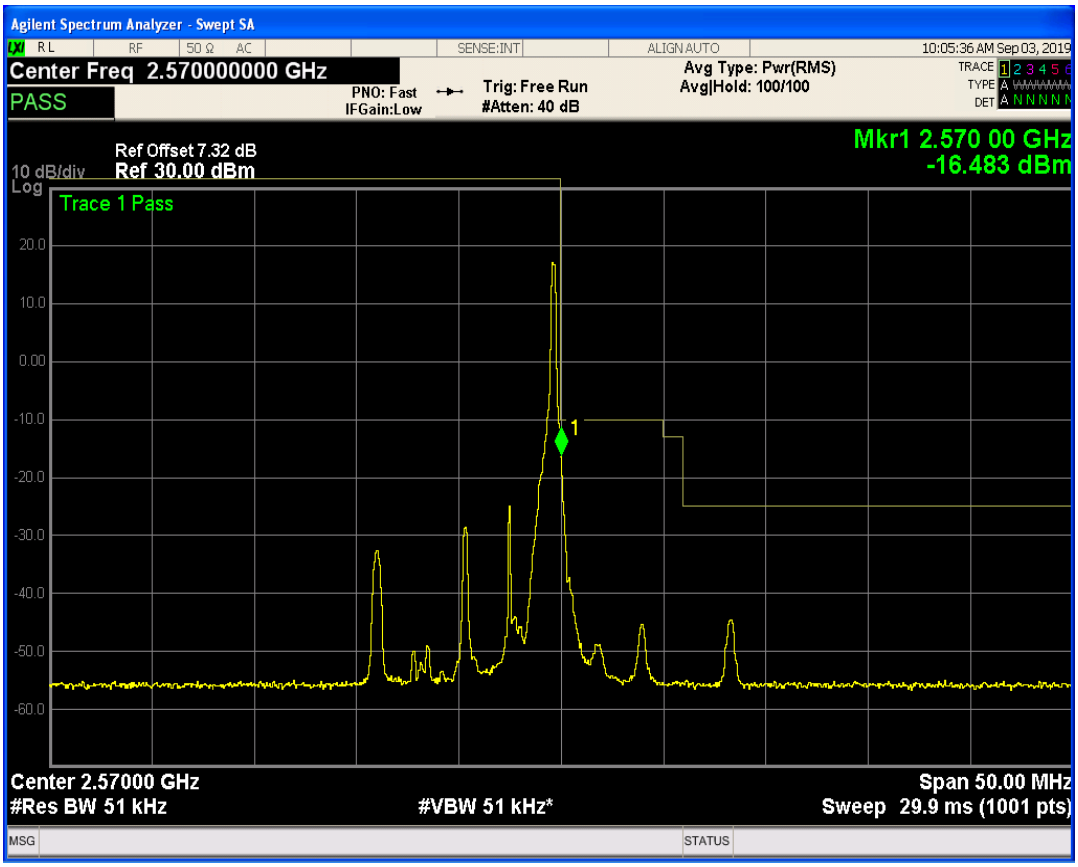

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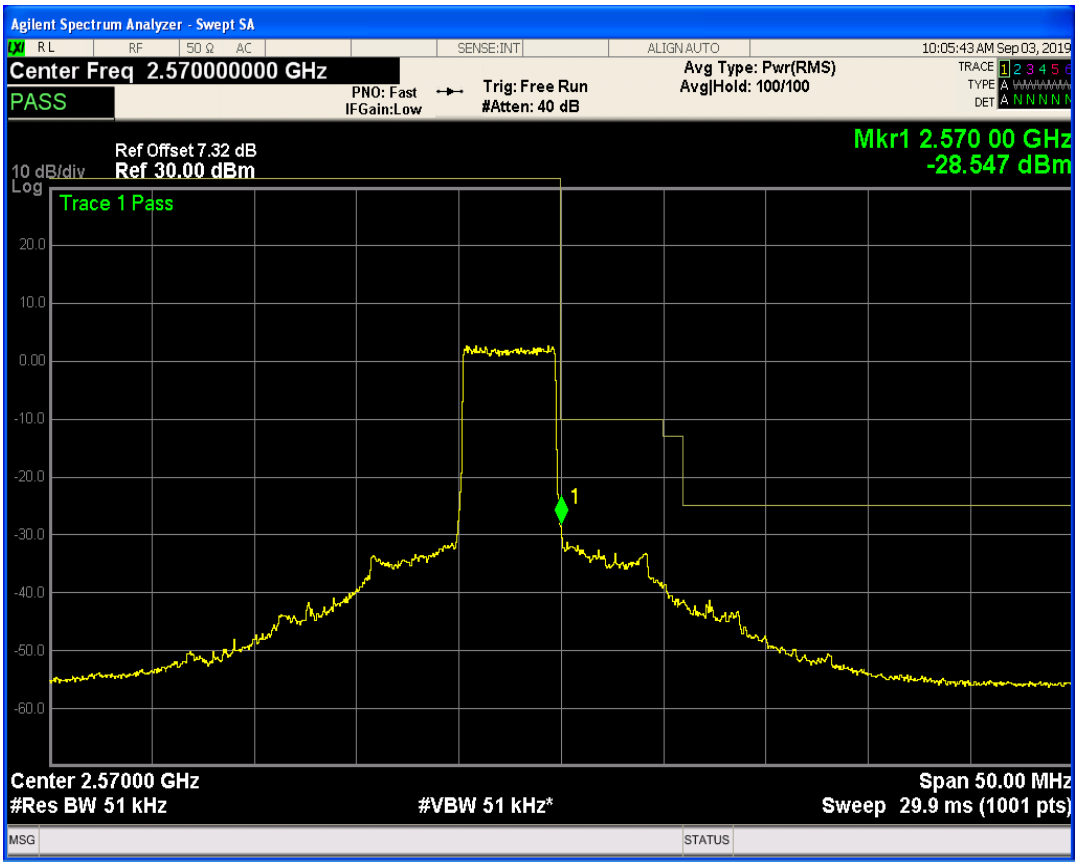

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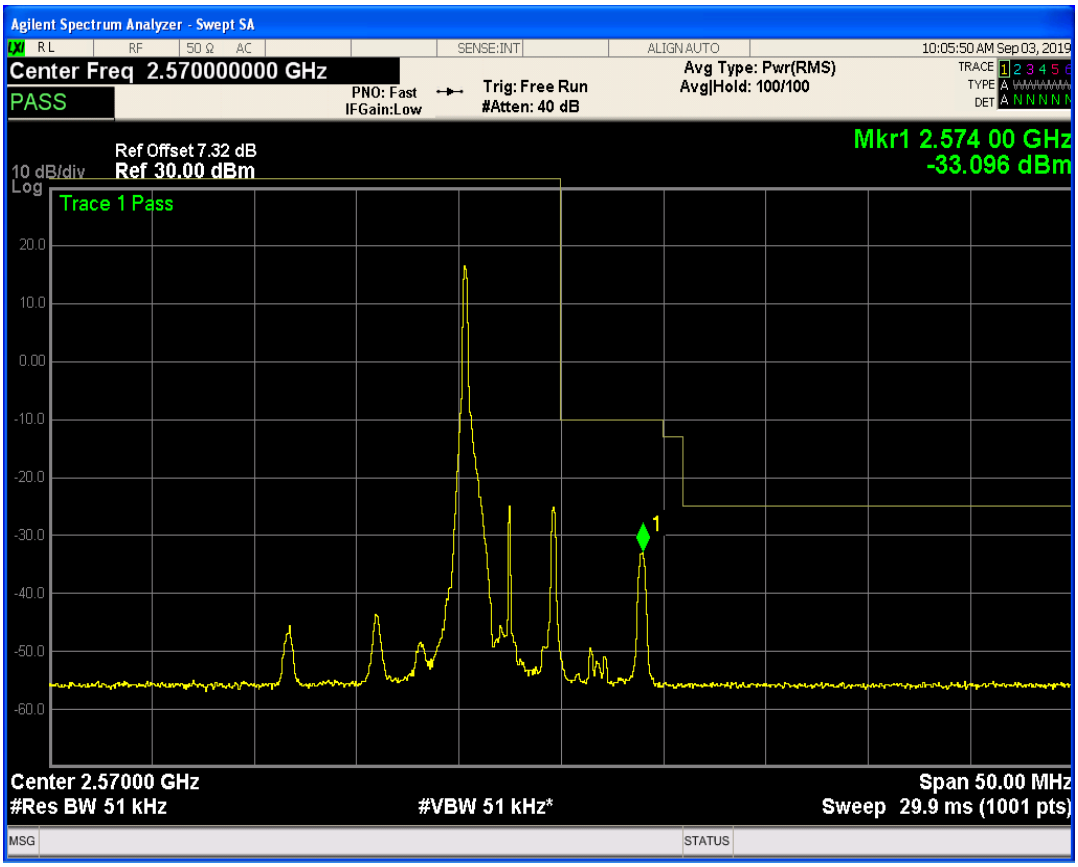

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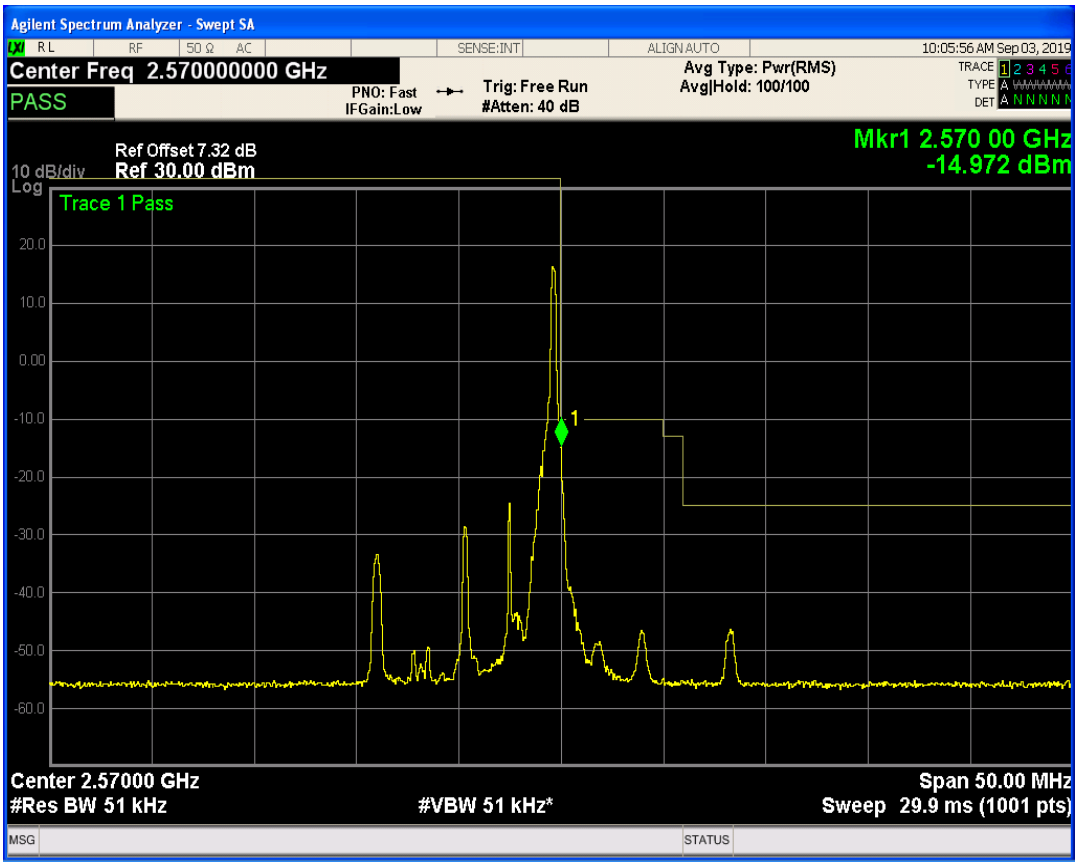

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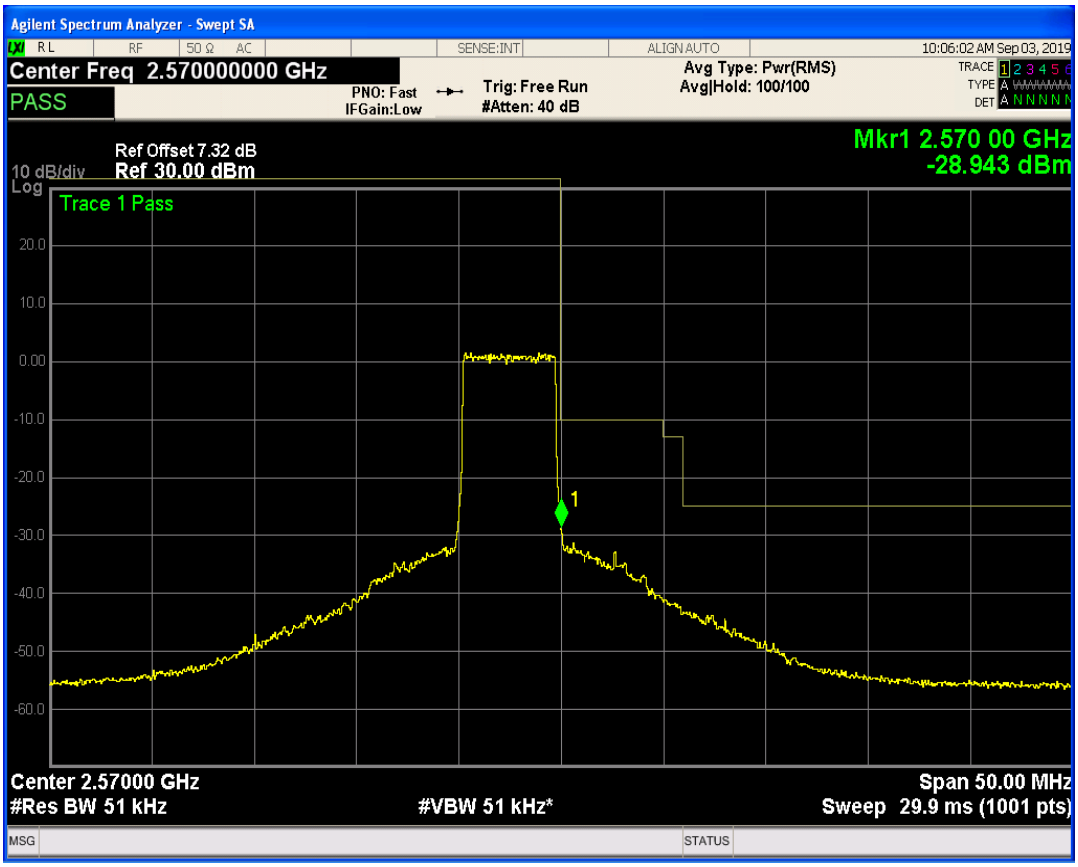

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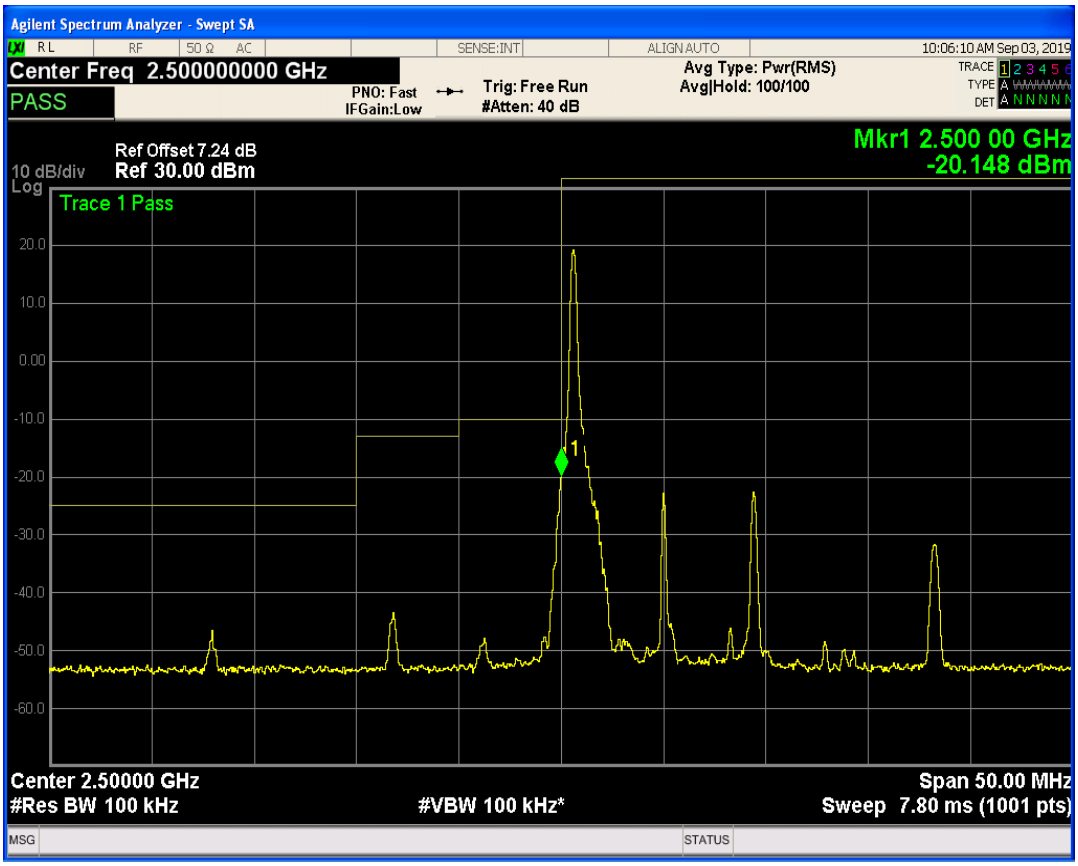

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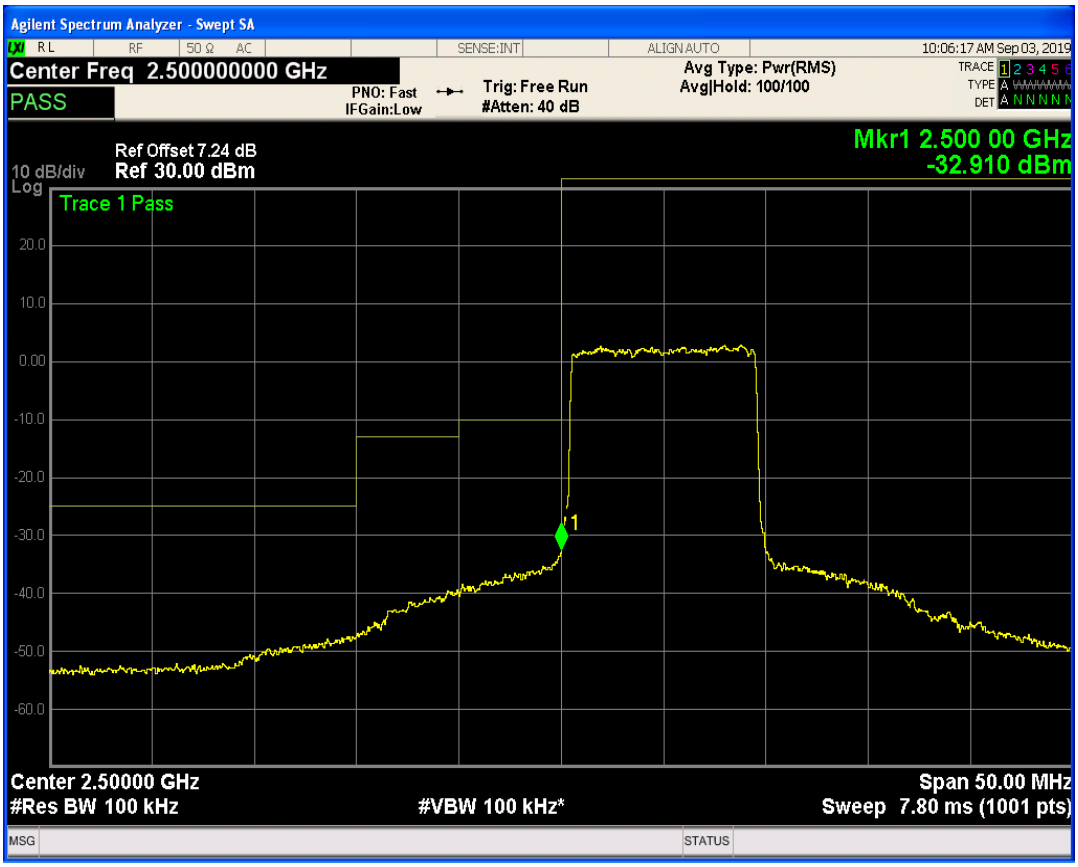

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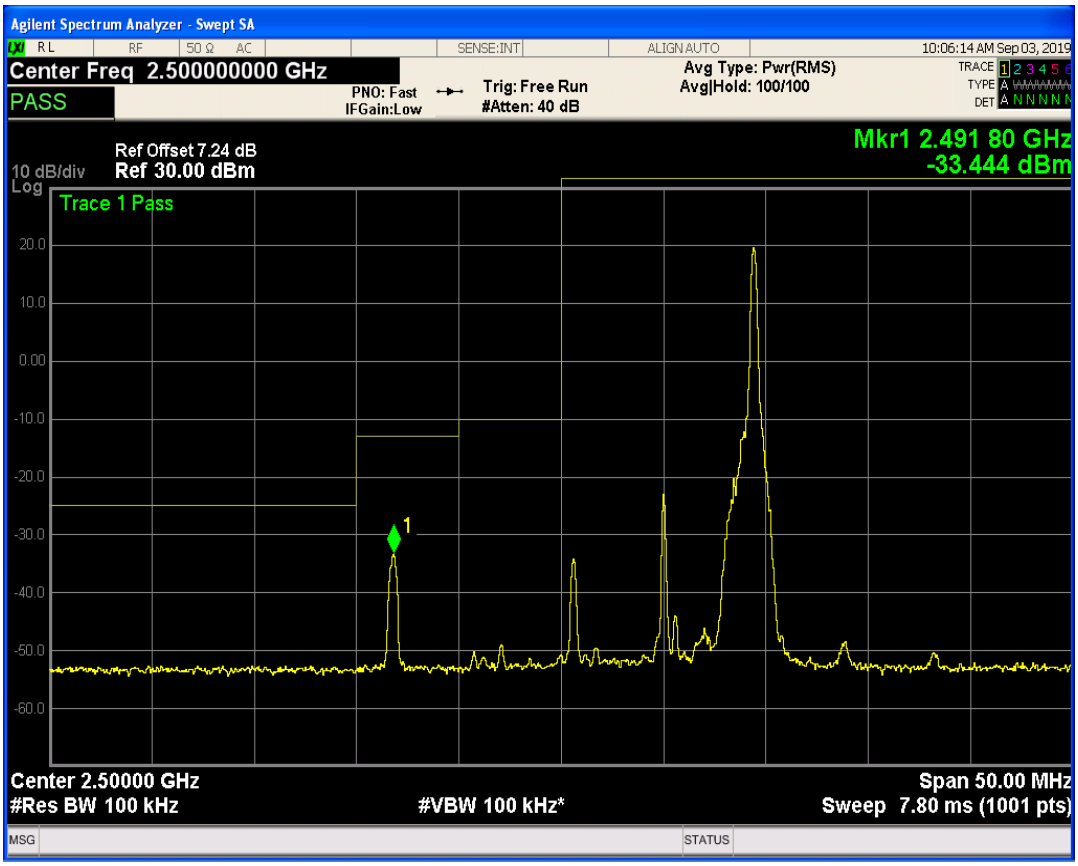

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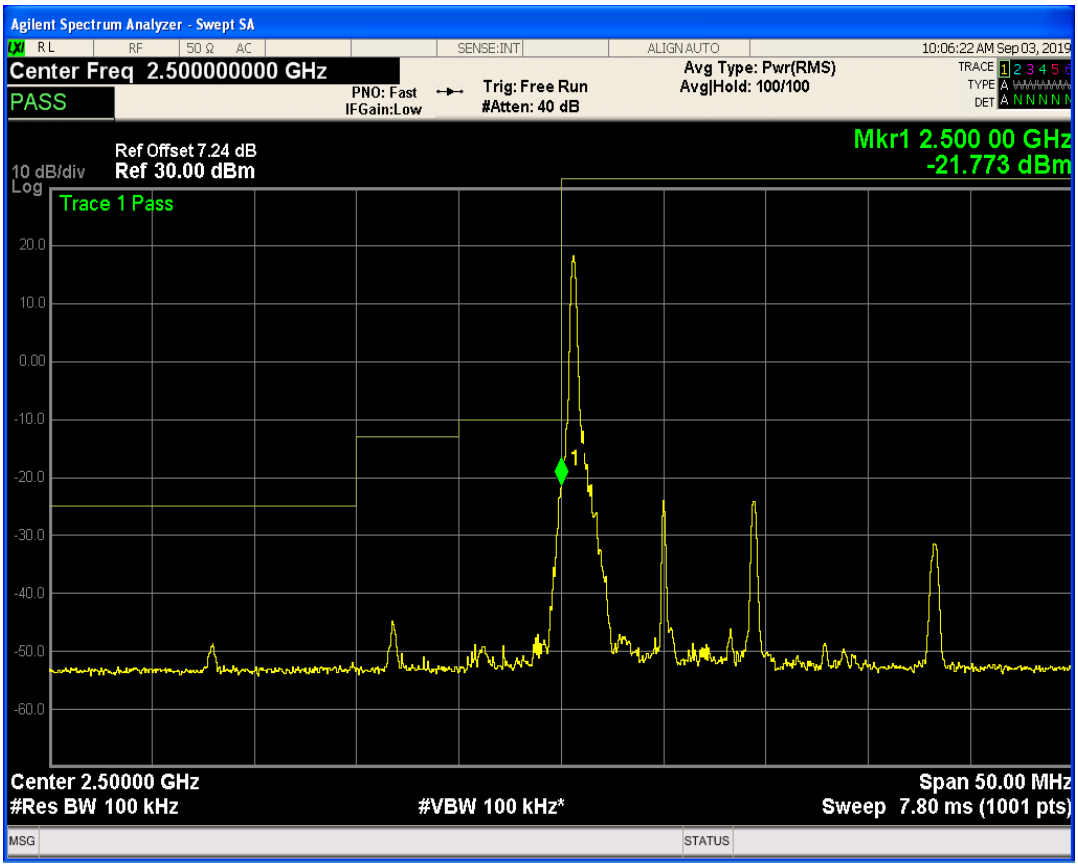

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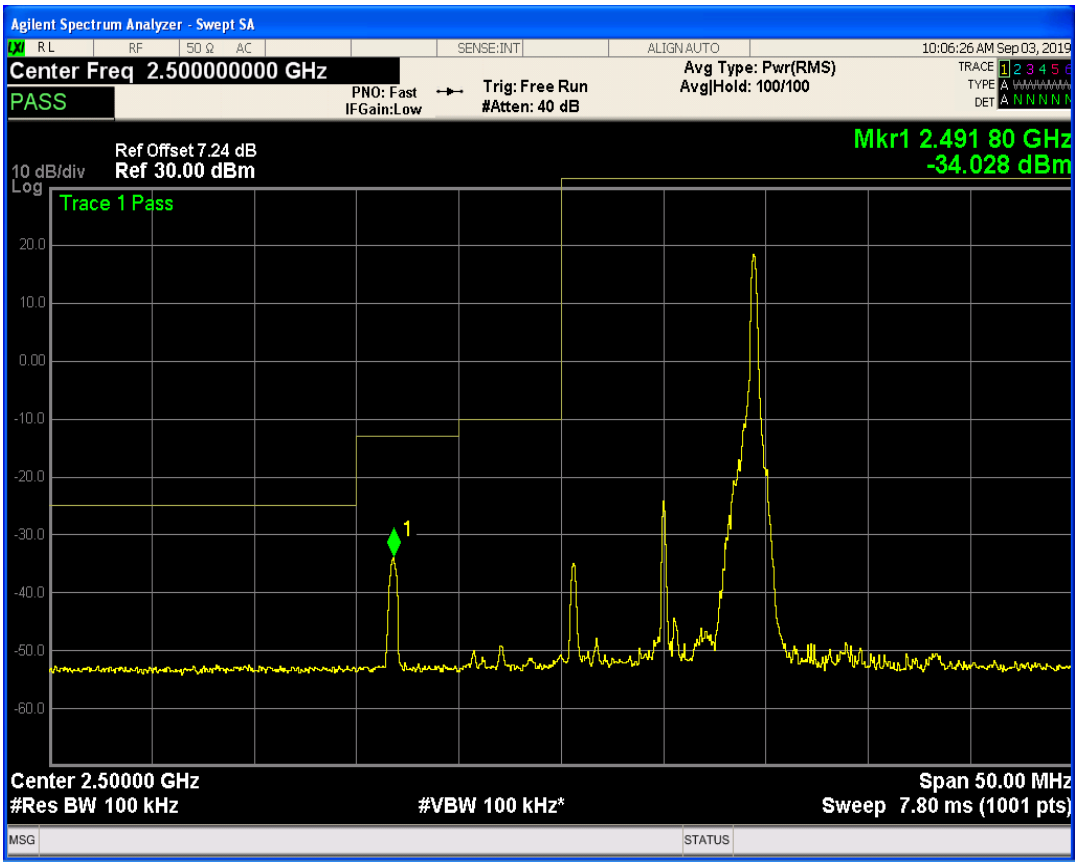

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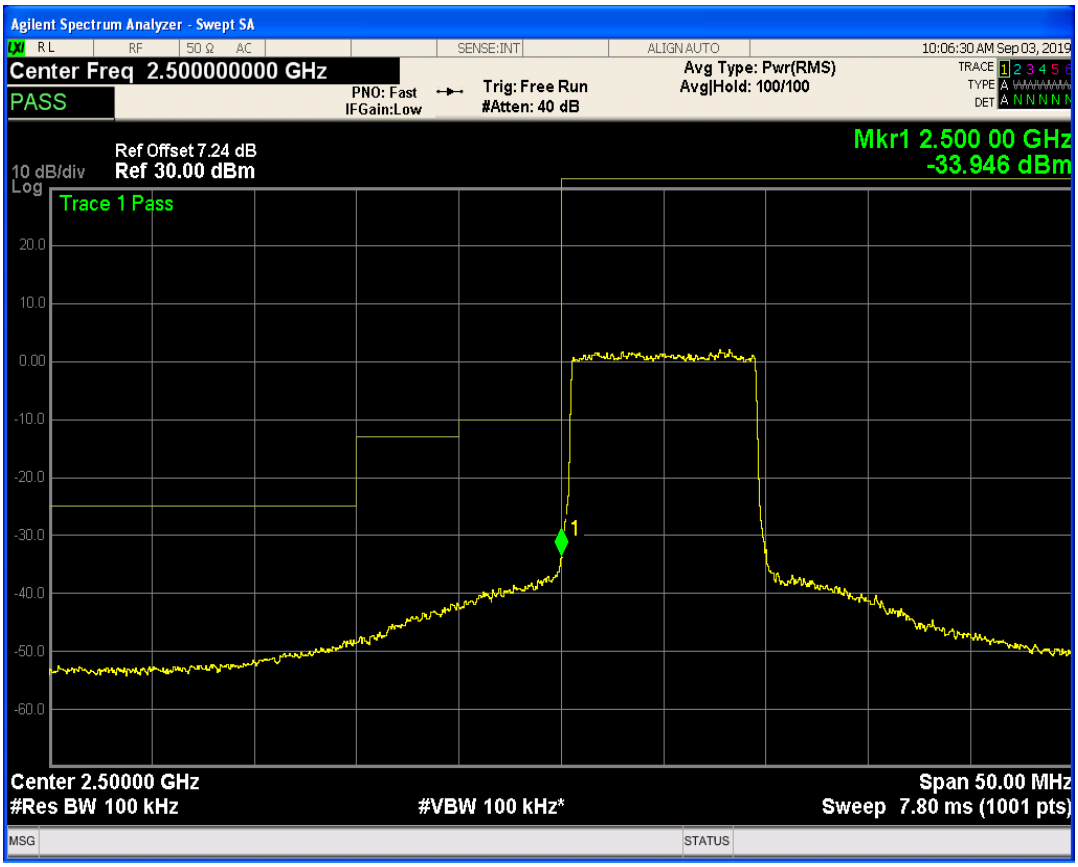

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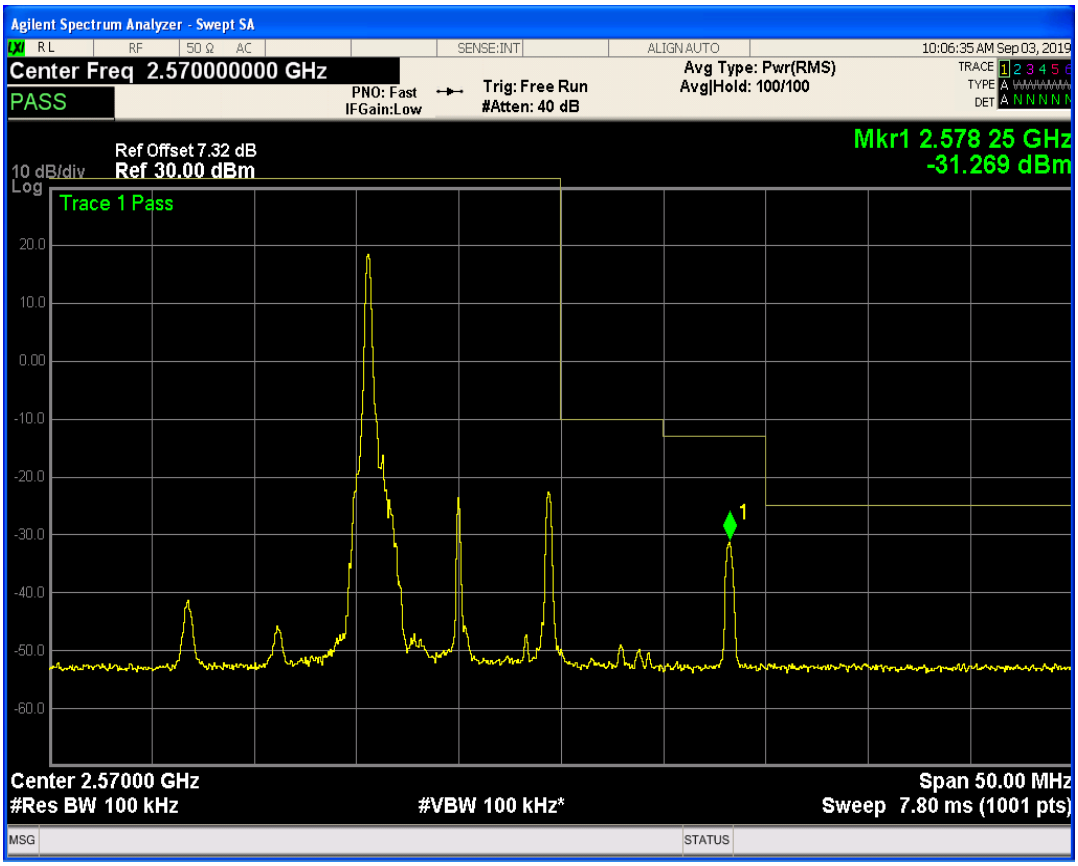
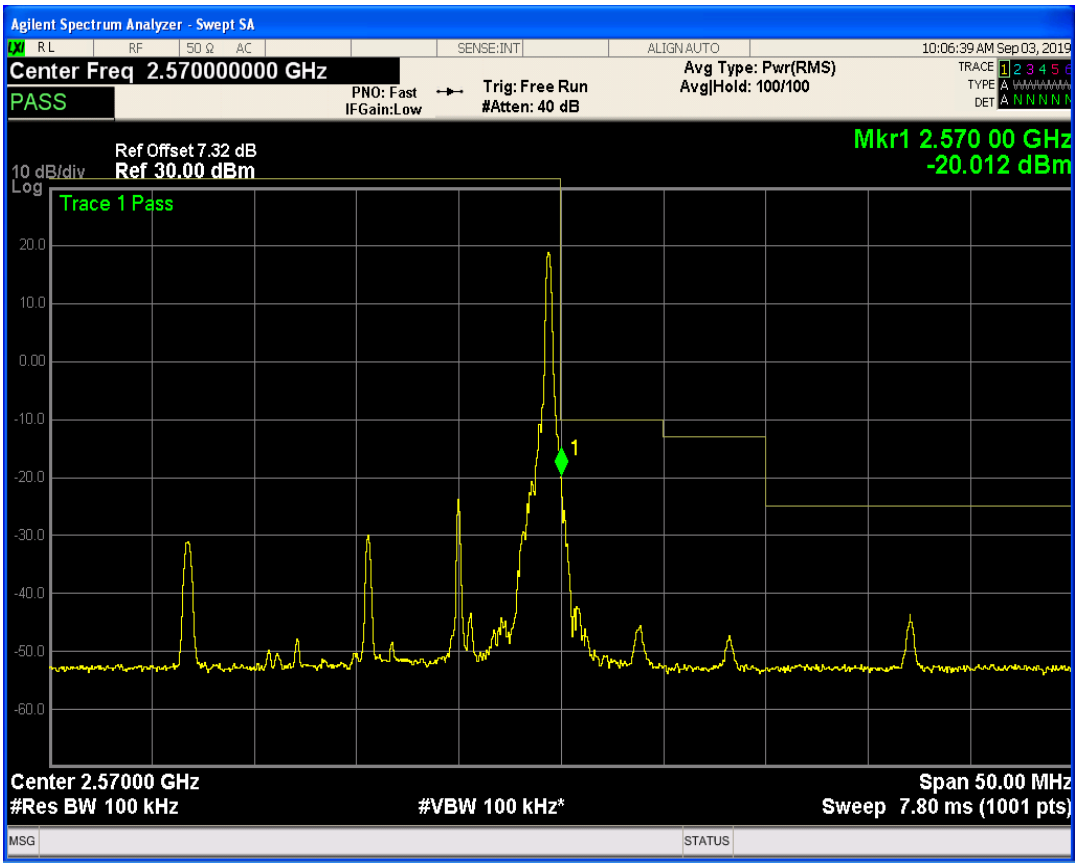
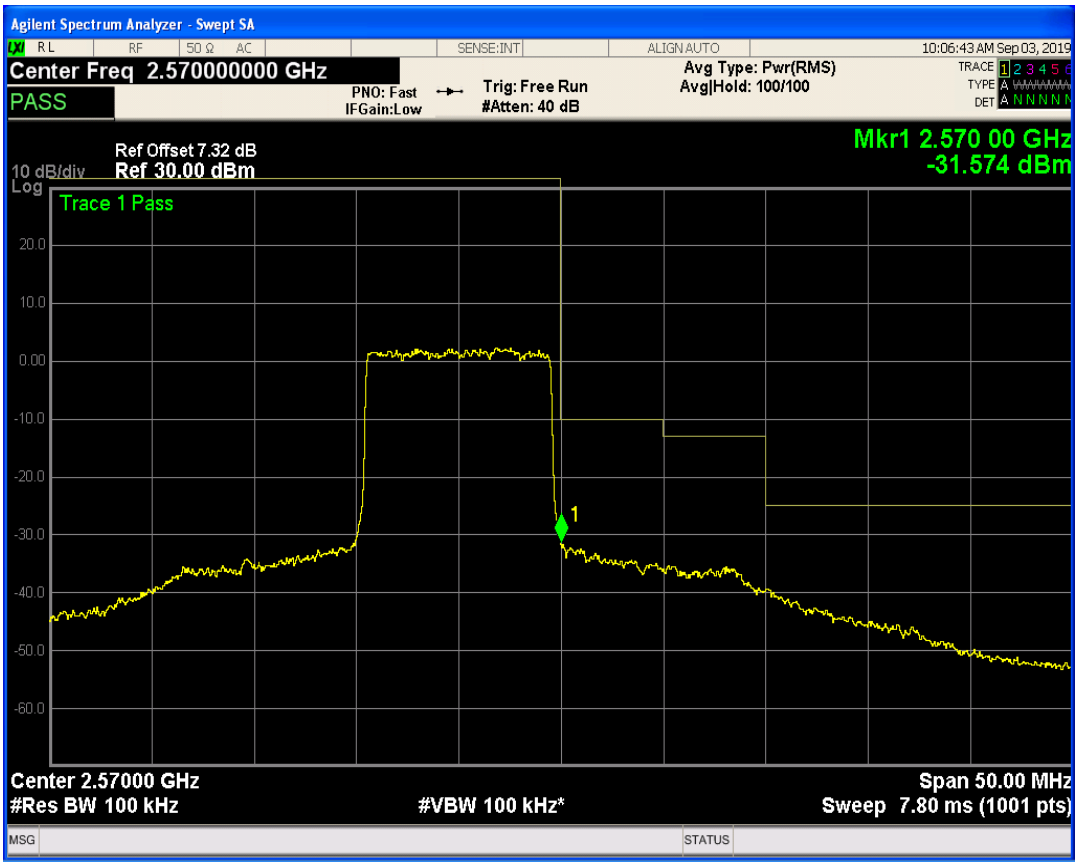


LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max



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



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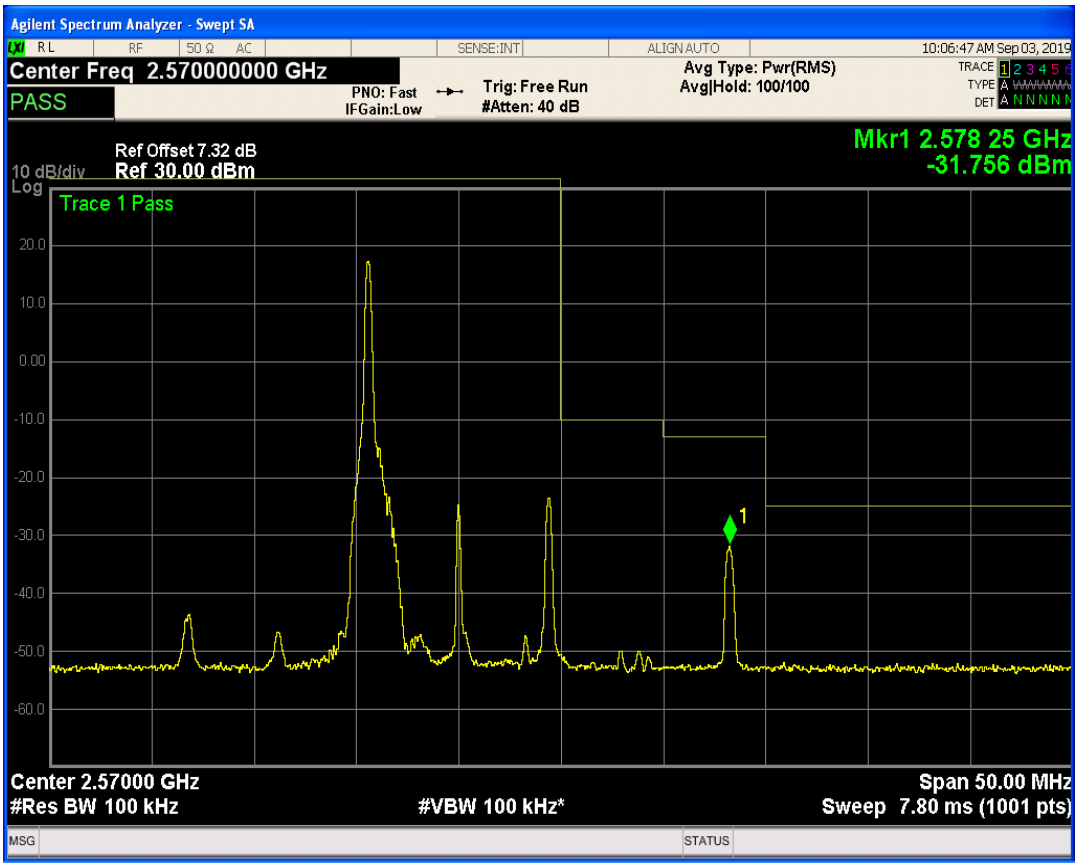

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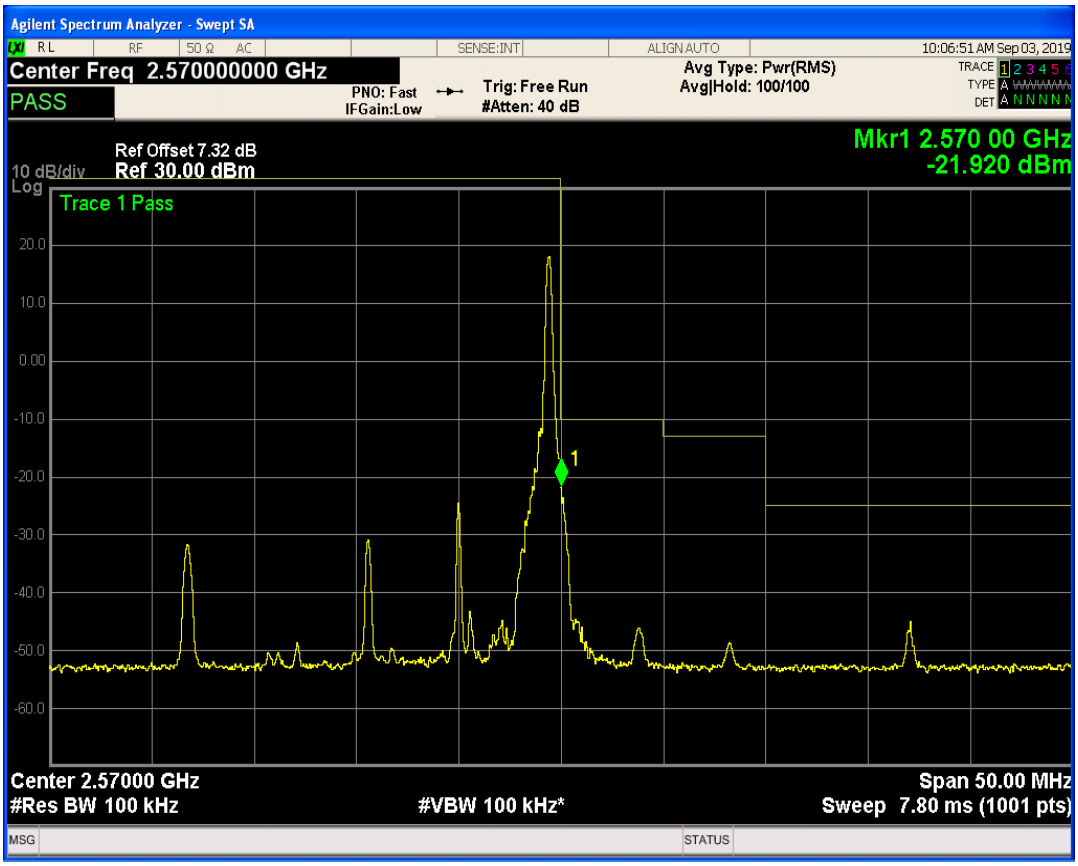

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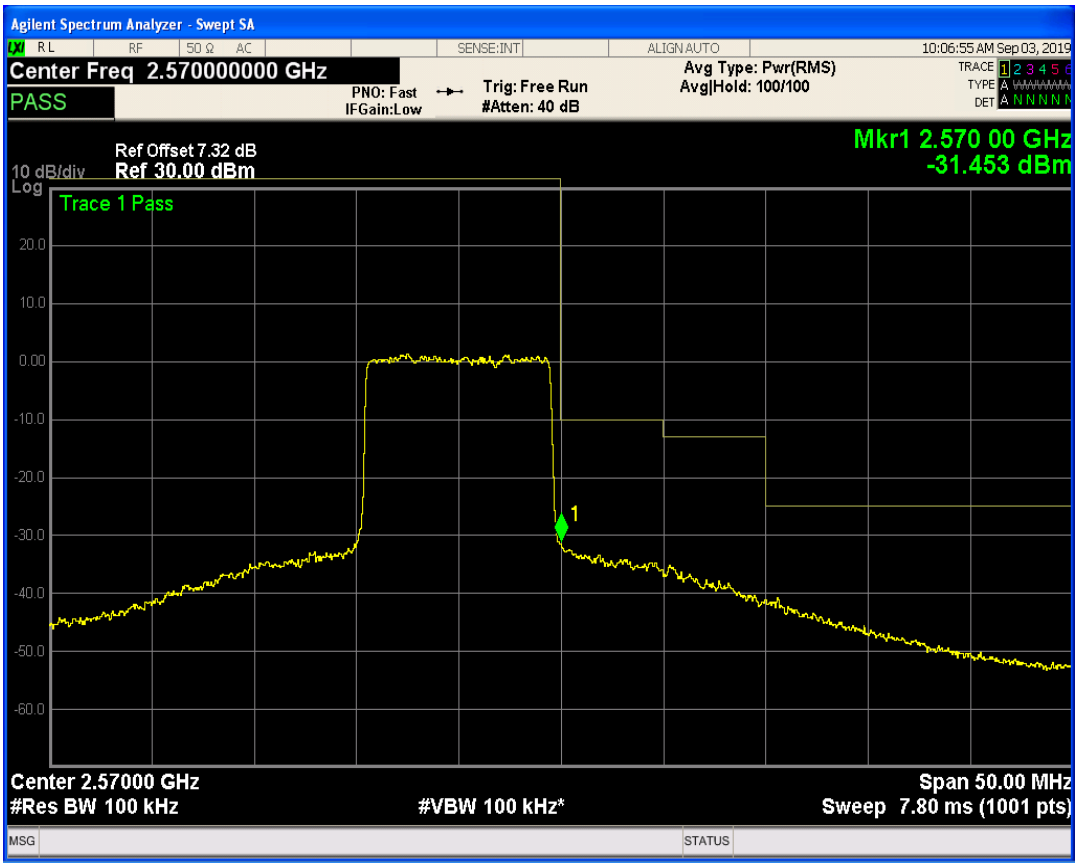
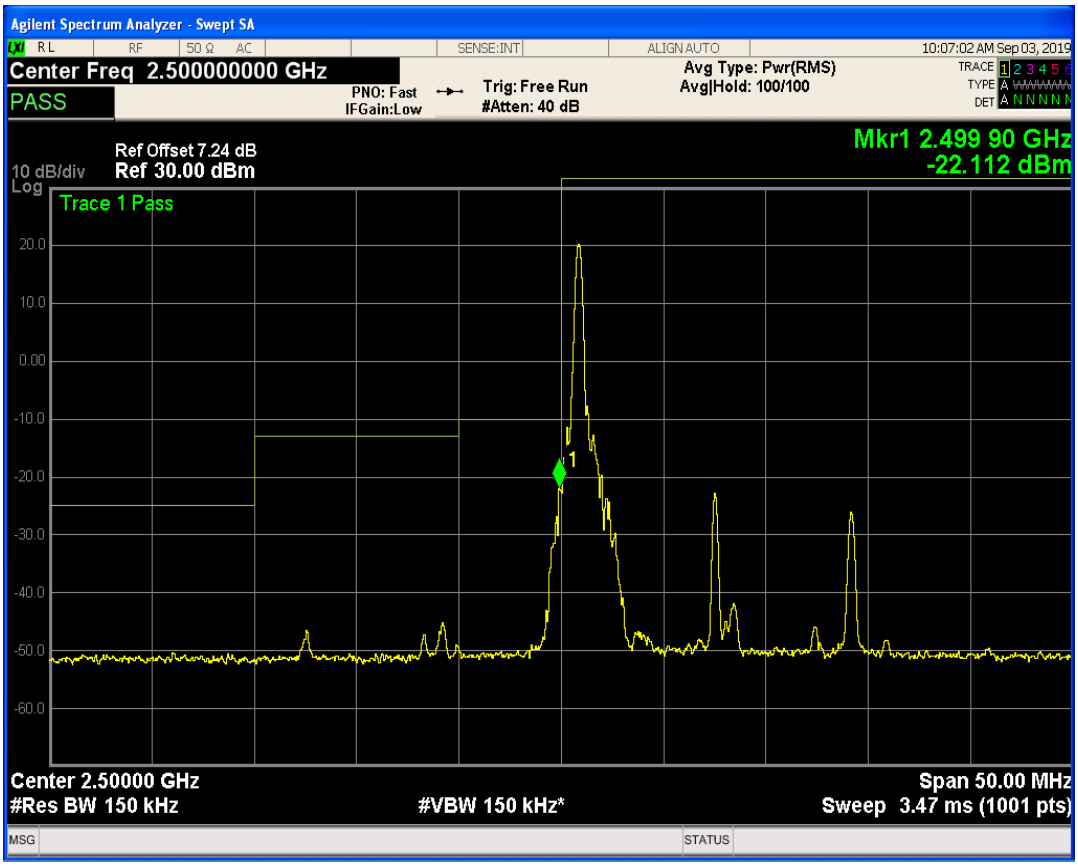


LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



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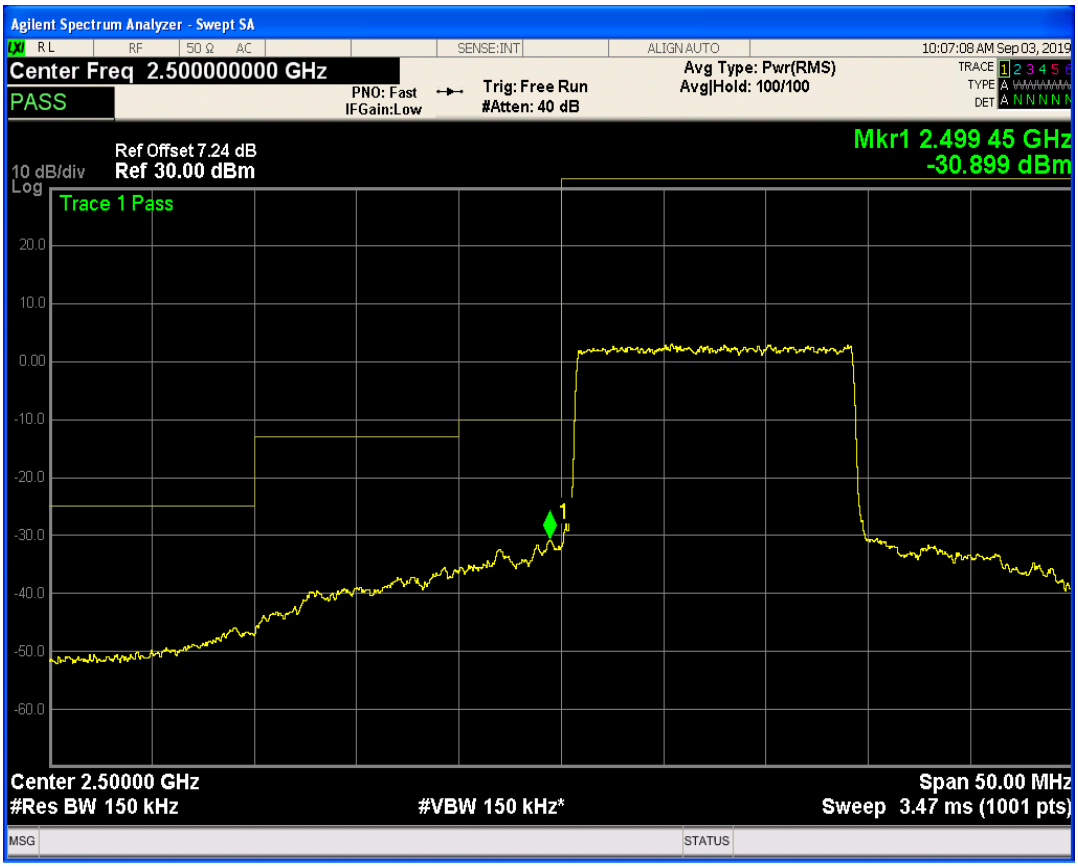

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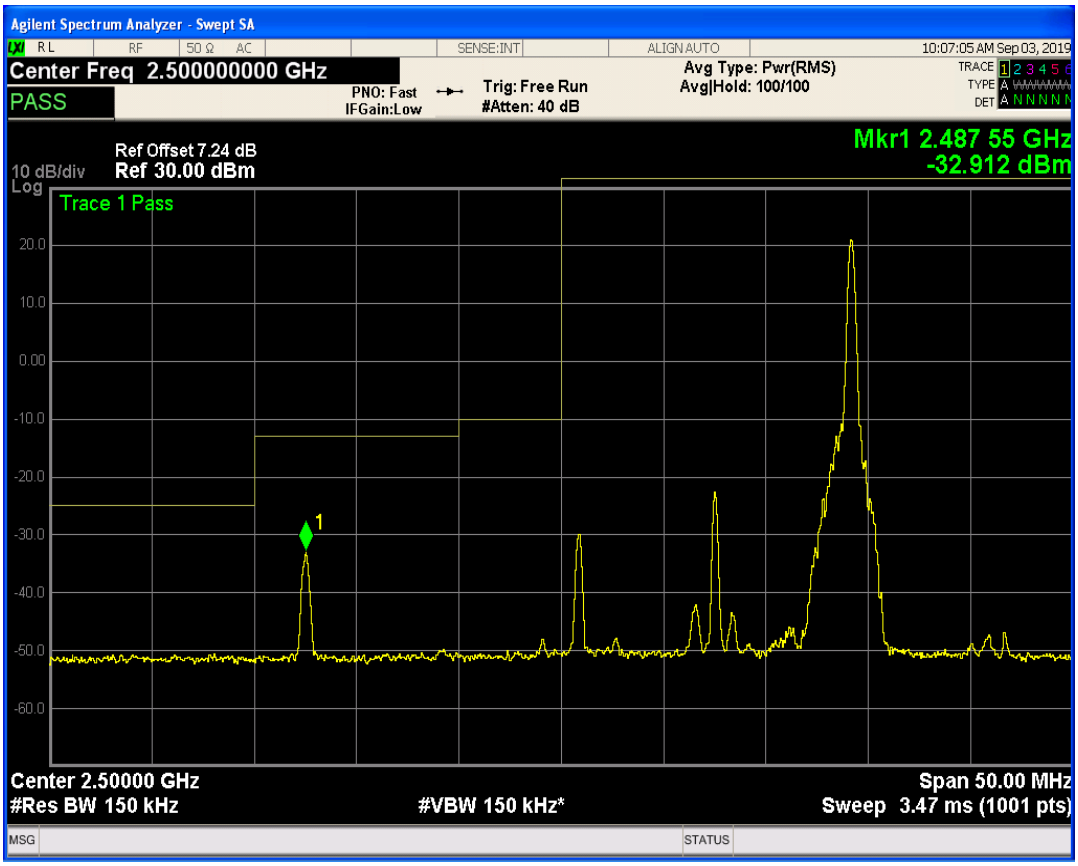

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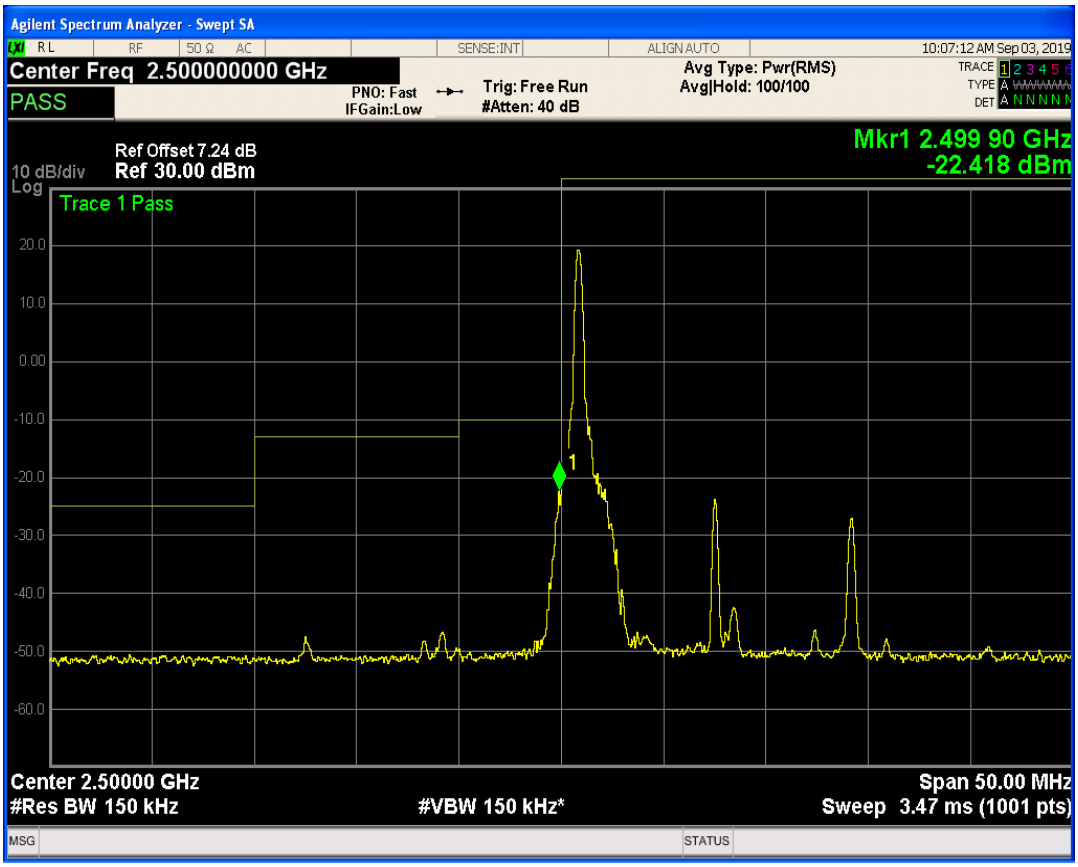

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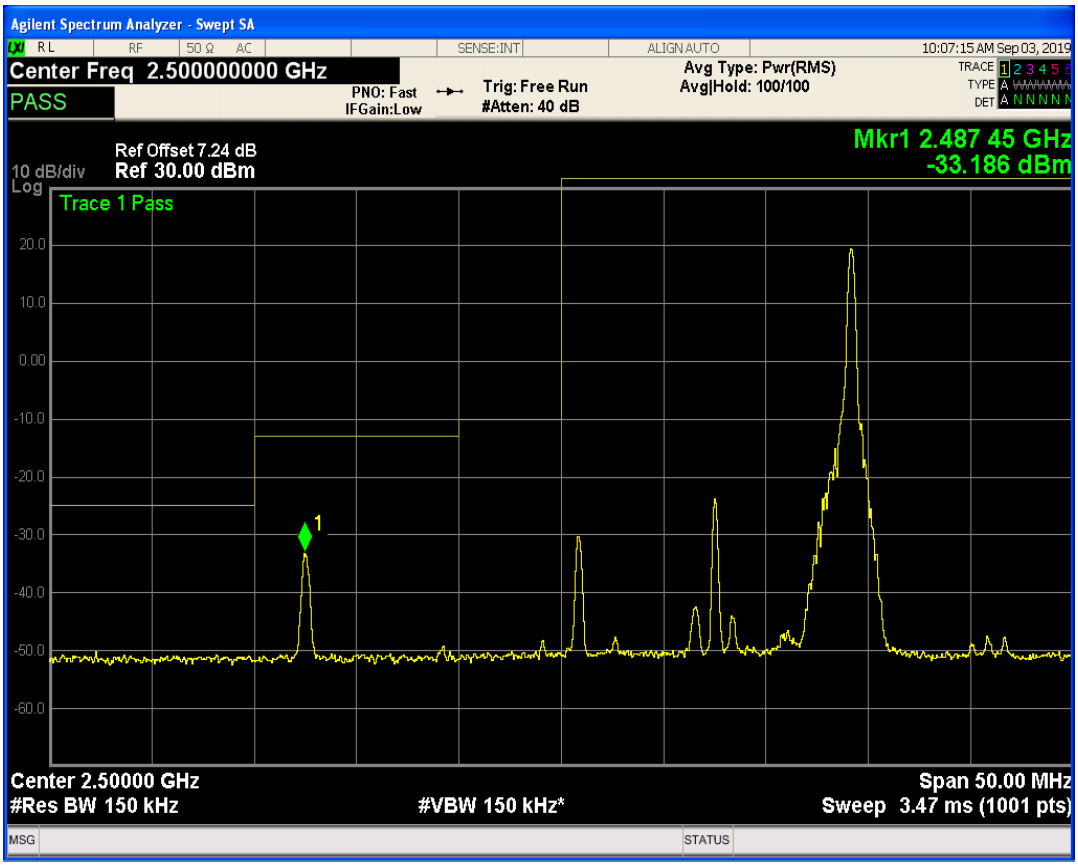

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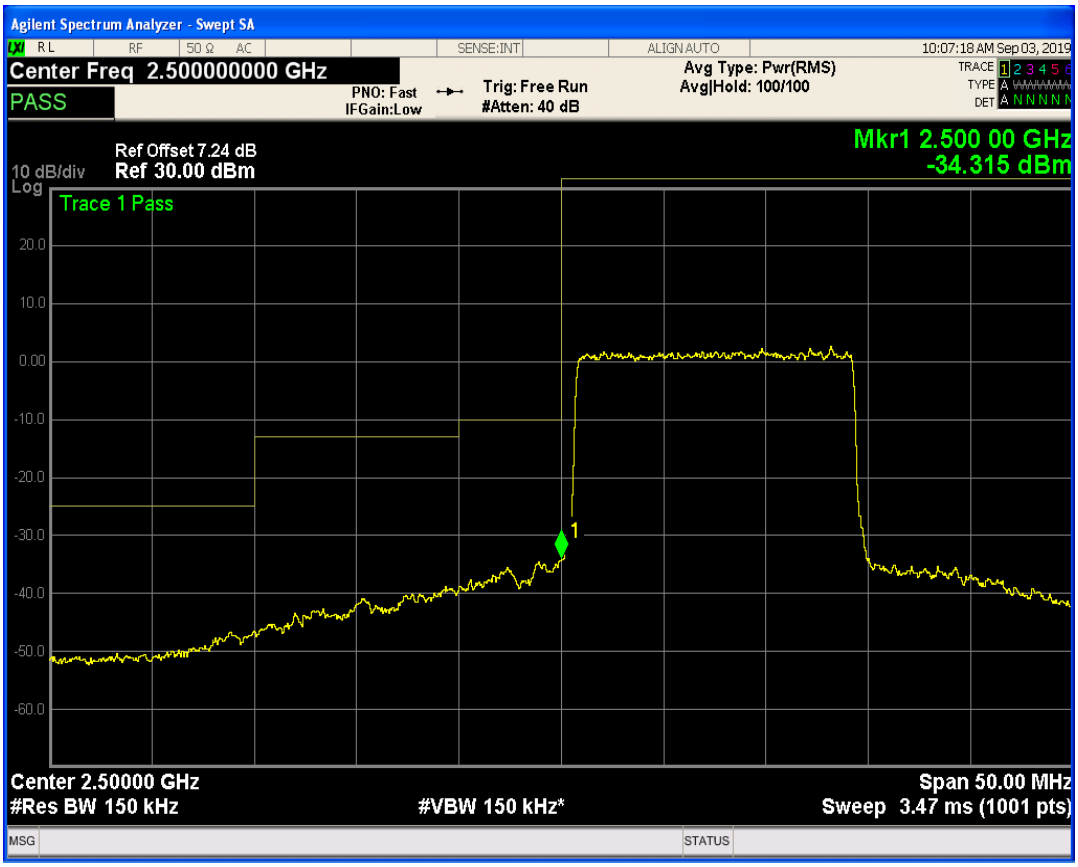
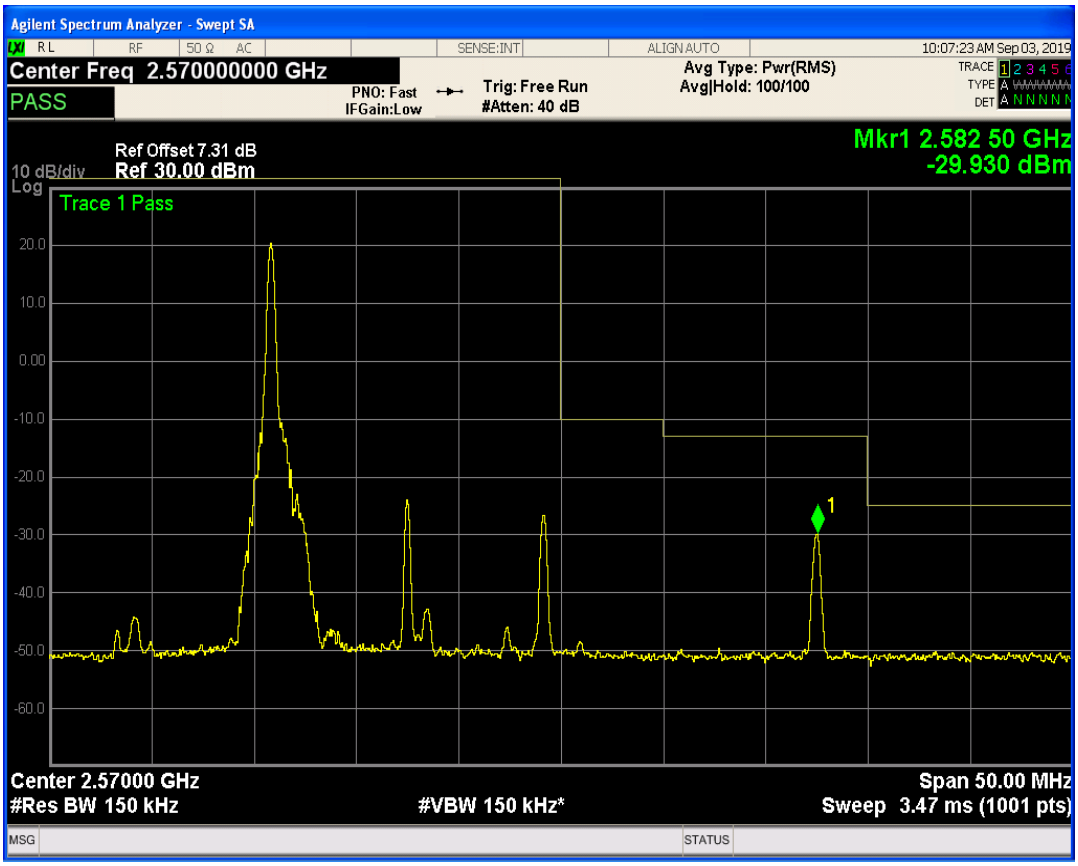


LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



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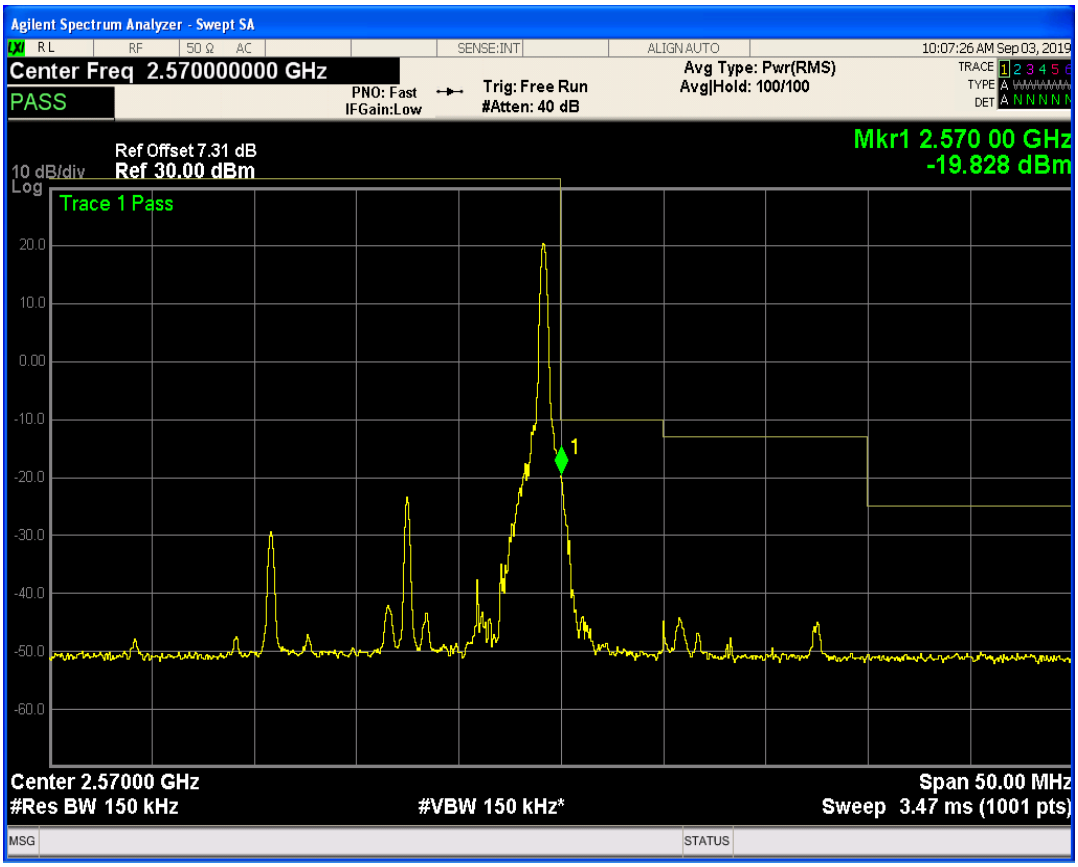

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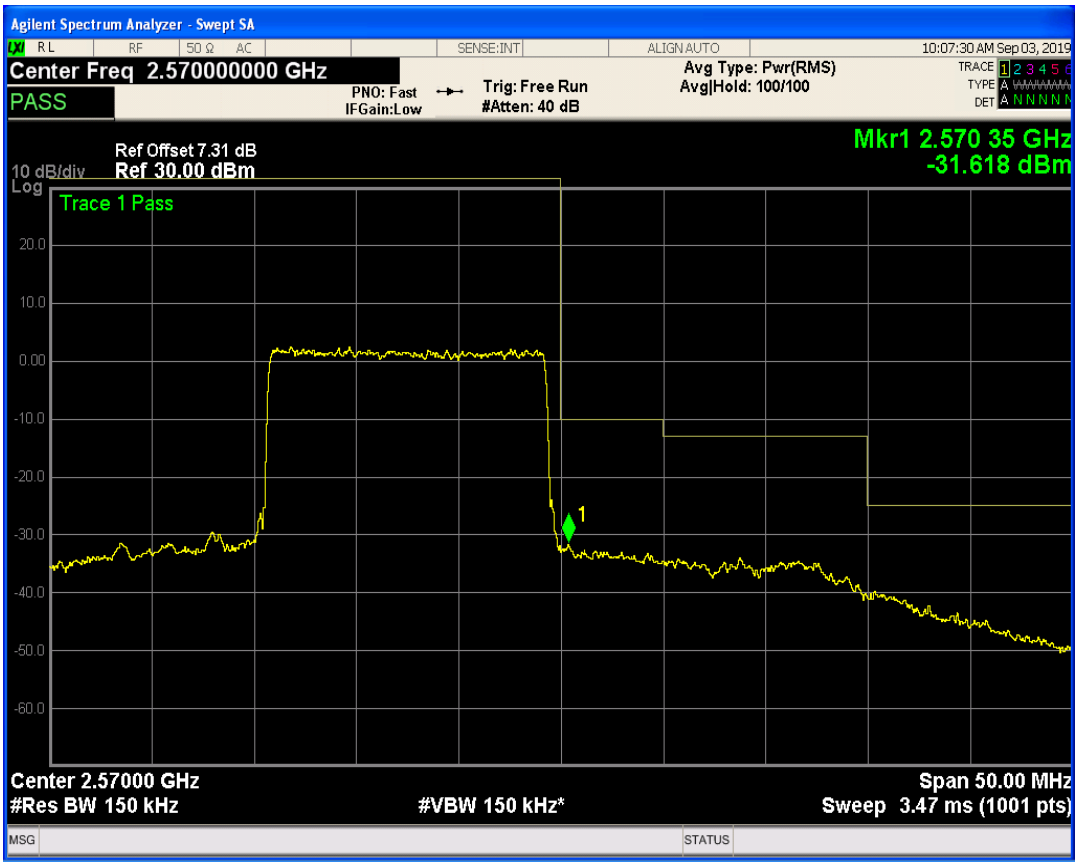
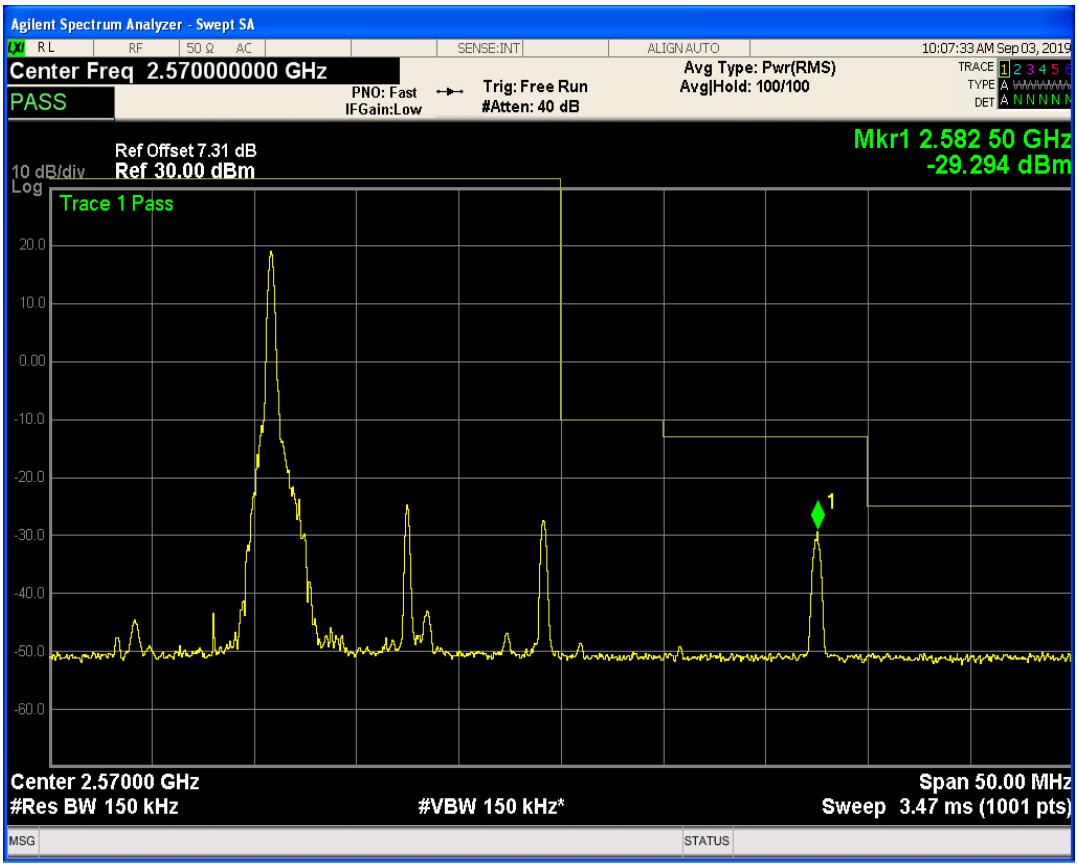
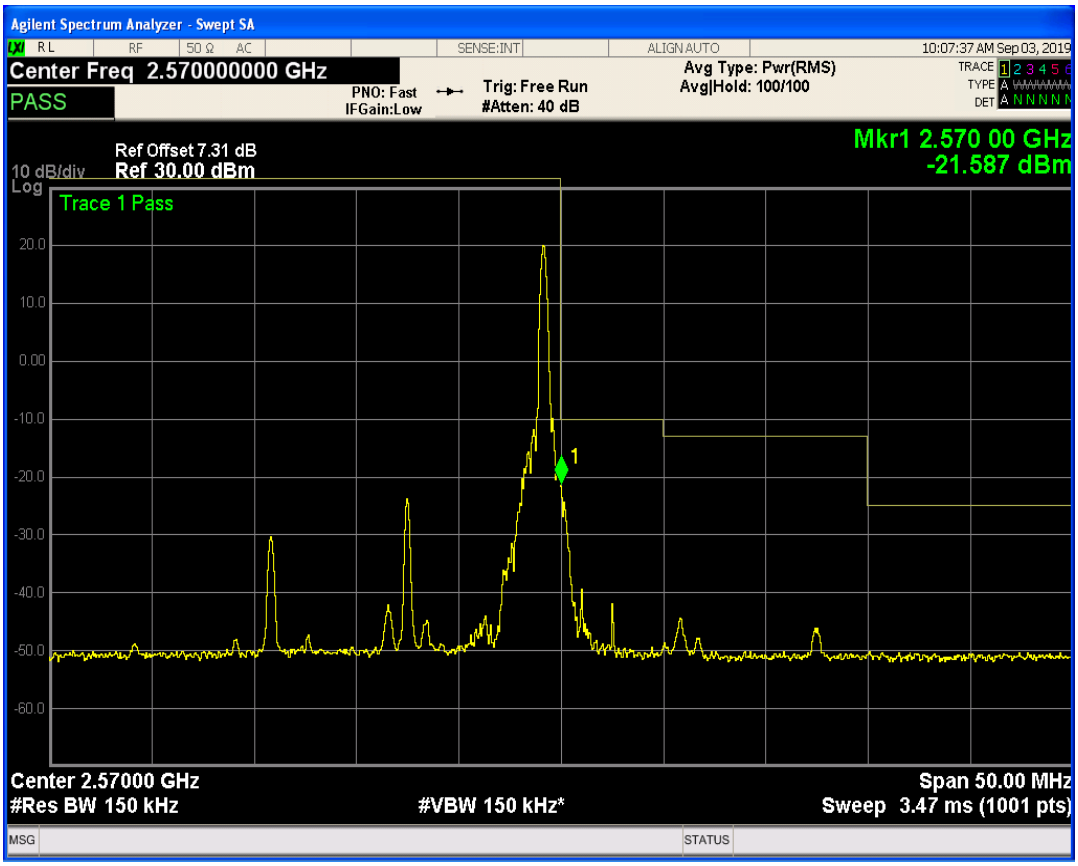


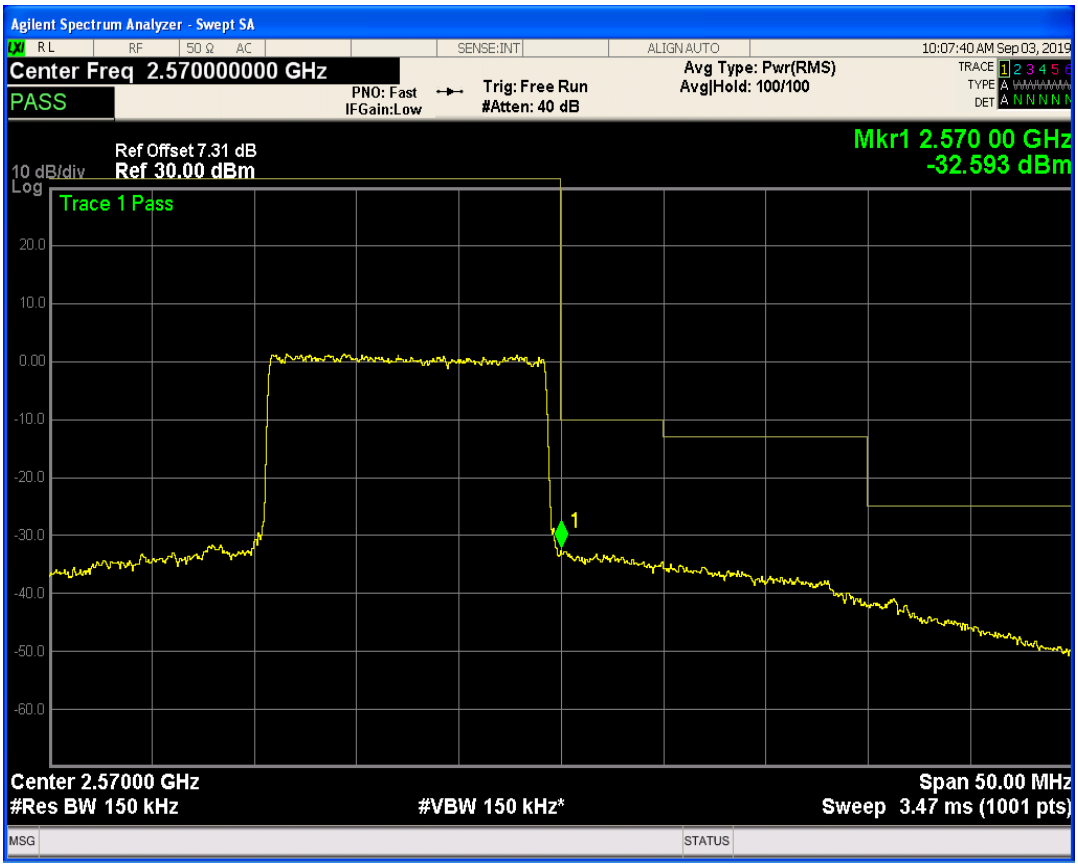
LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#0



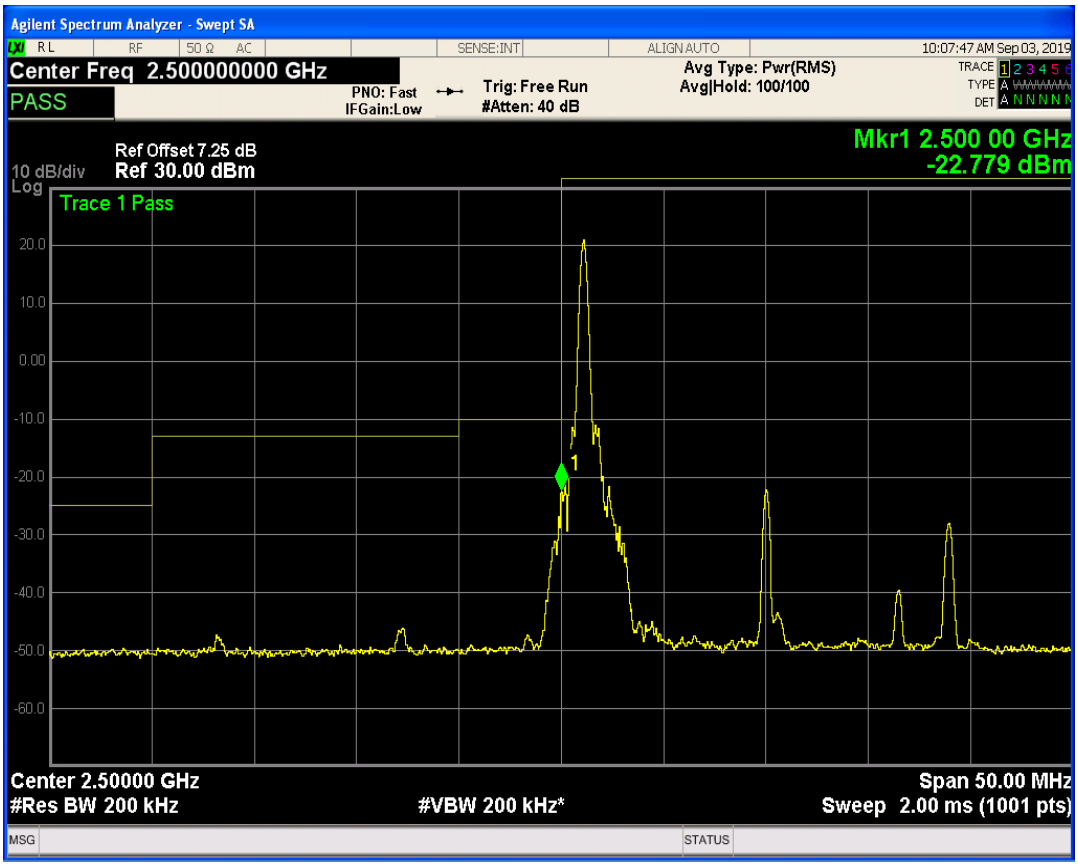
LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=1 Position=#Max



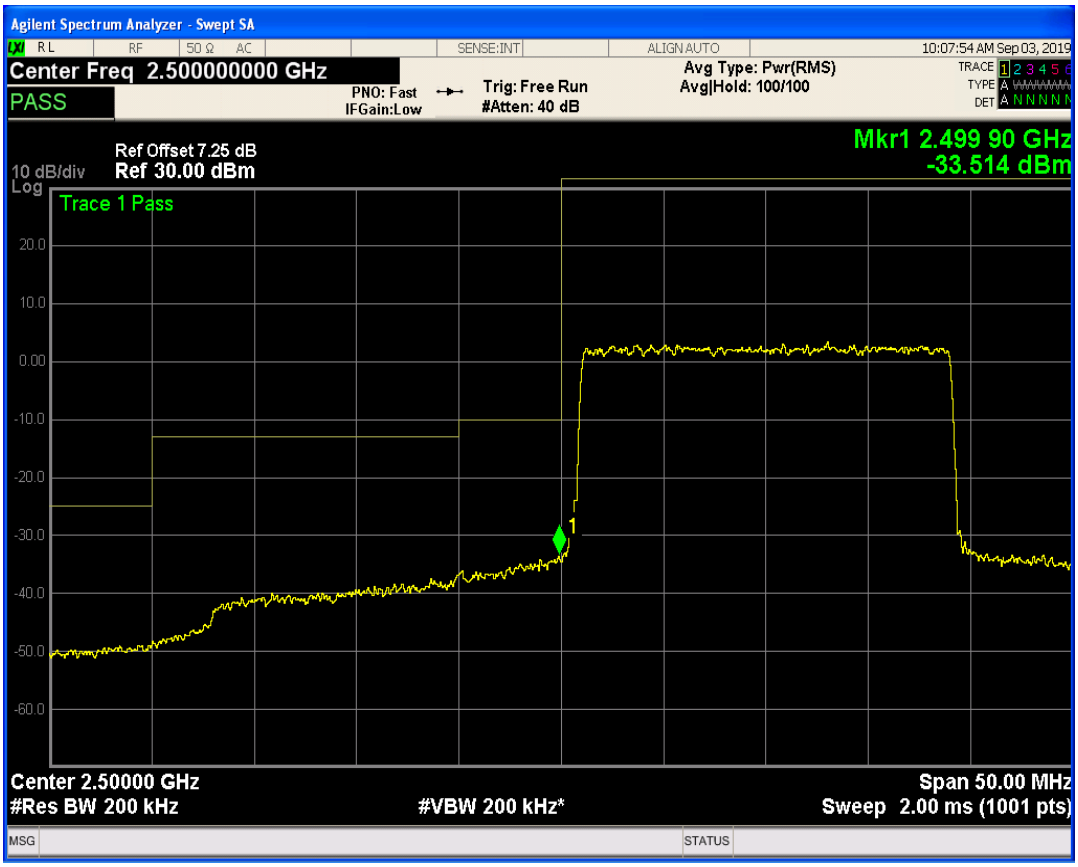
LTE Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



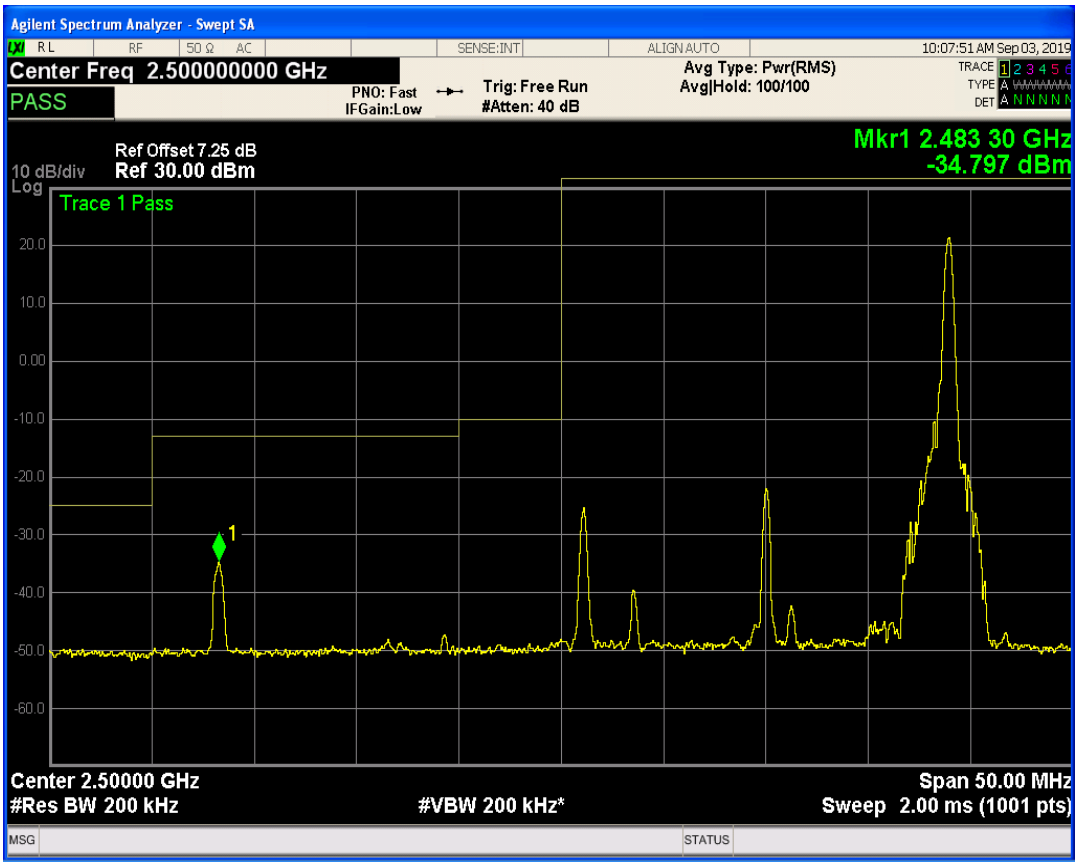
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



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



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



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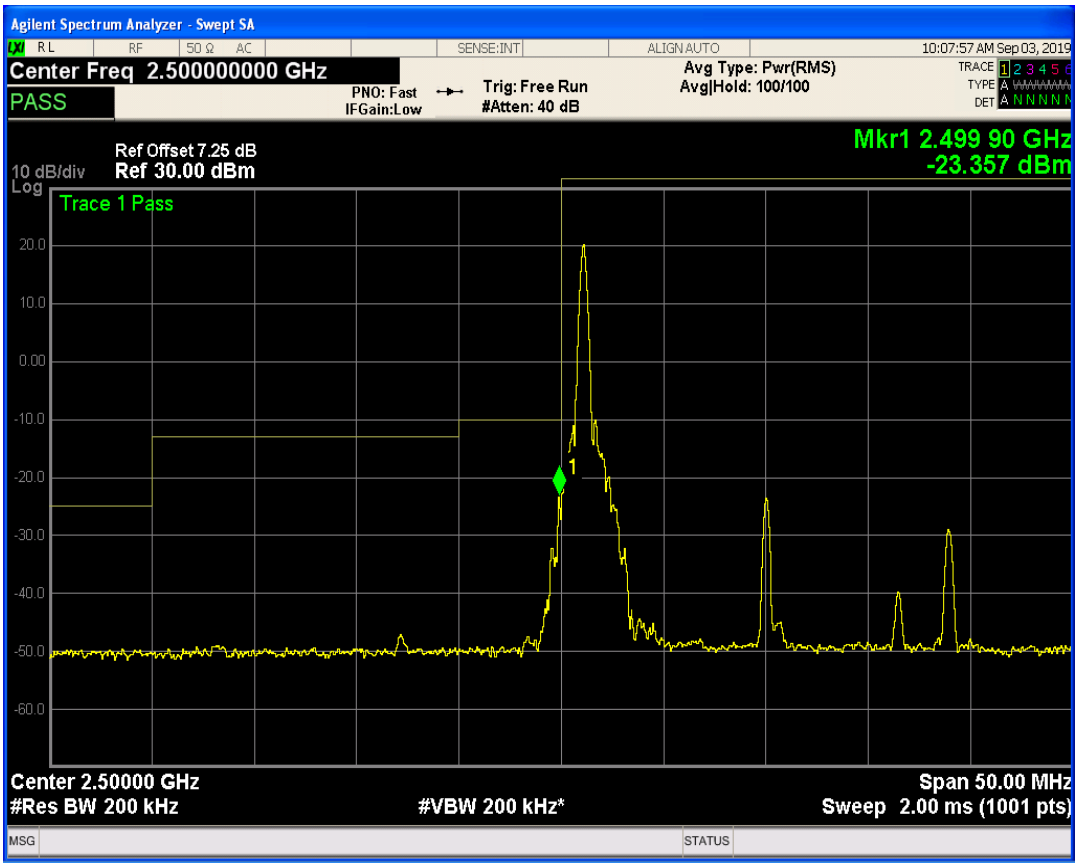
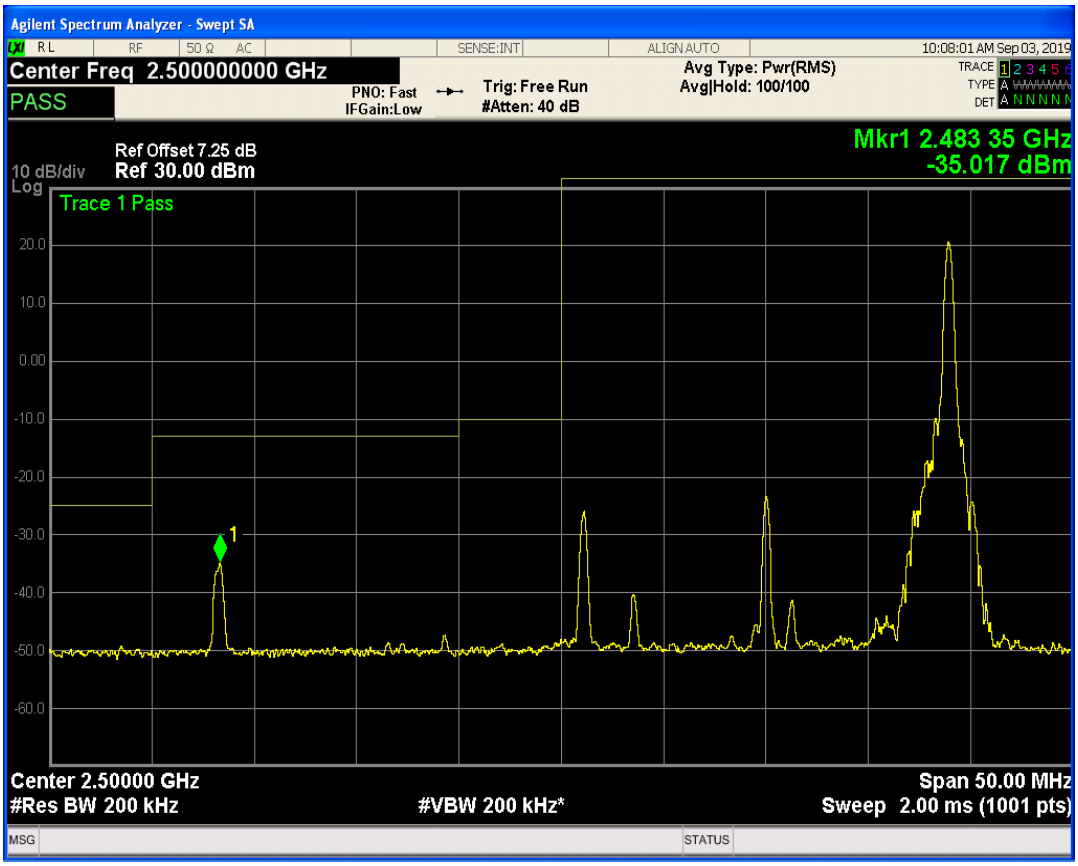
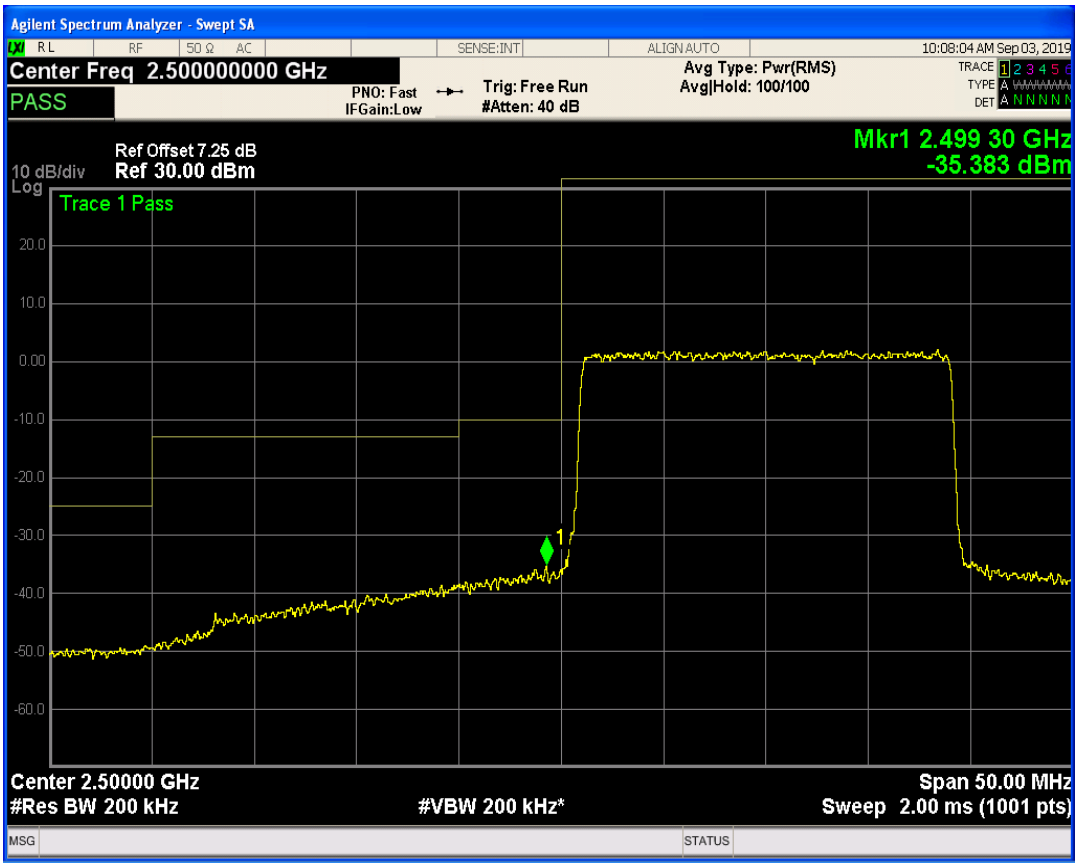


LTE Band7 QAM16 BW=20MHz Channel=20850 RB Size=1 Position=#Max



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



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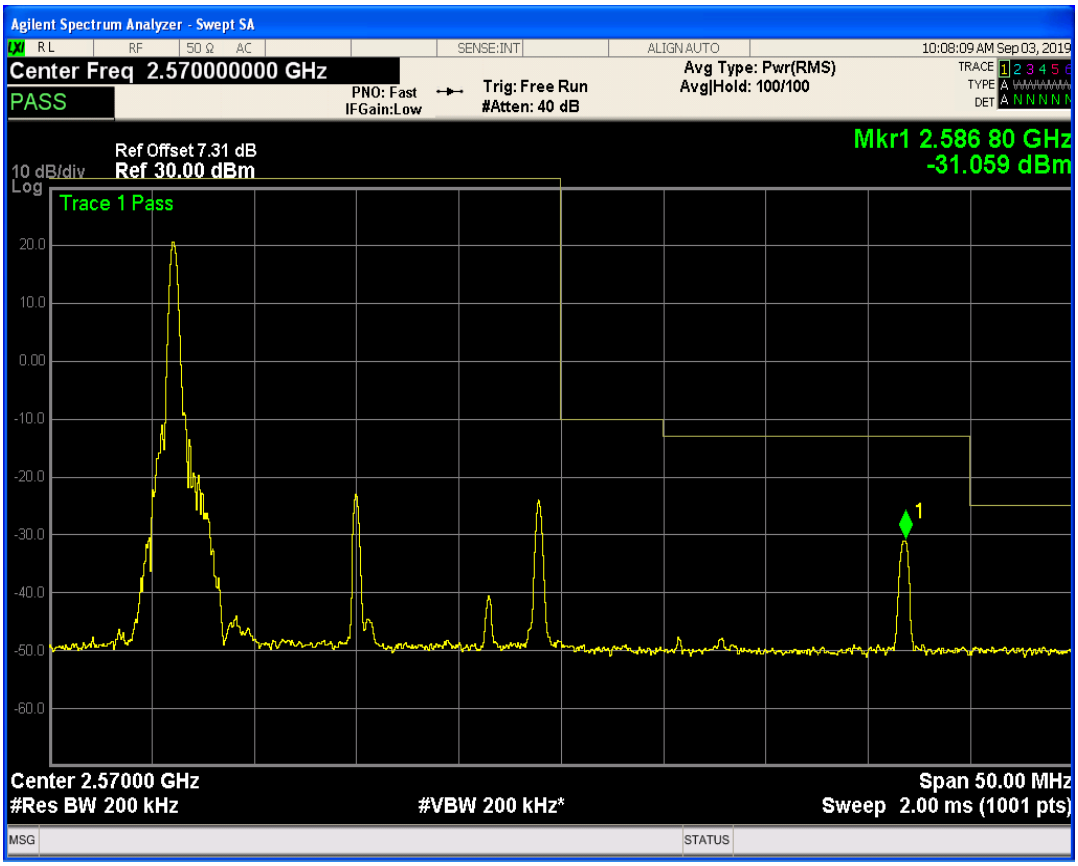
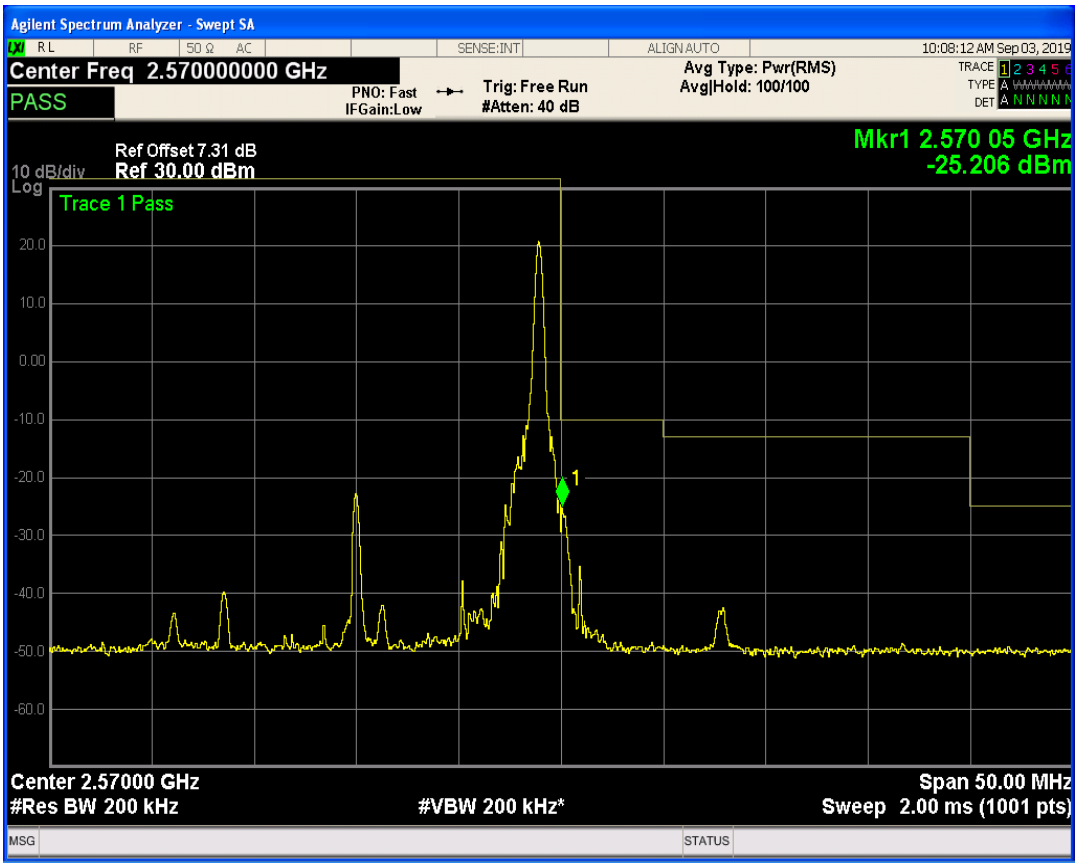
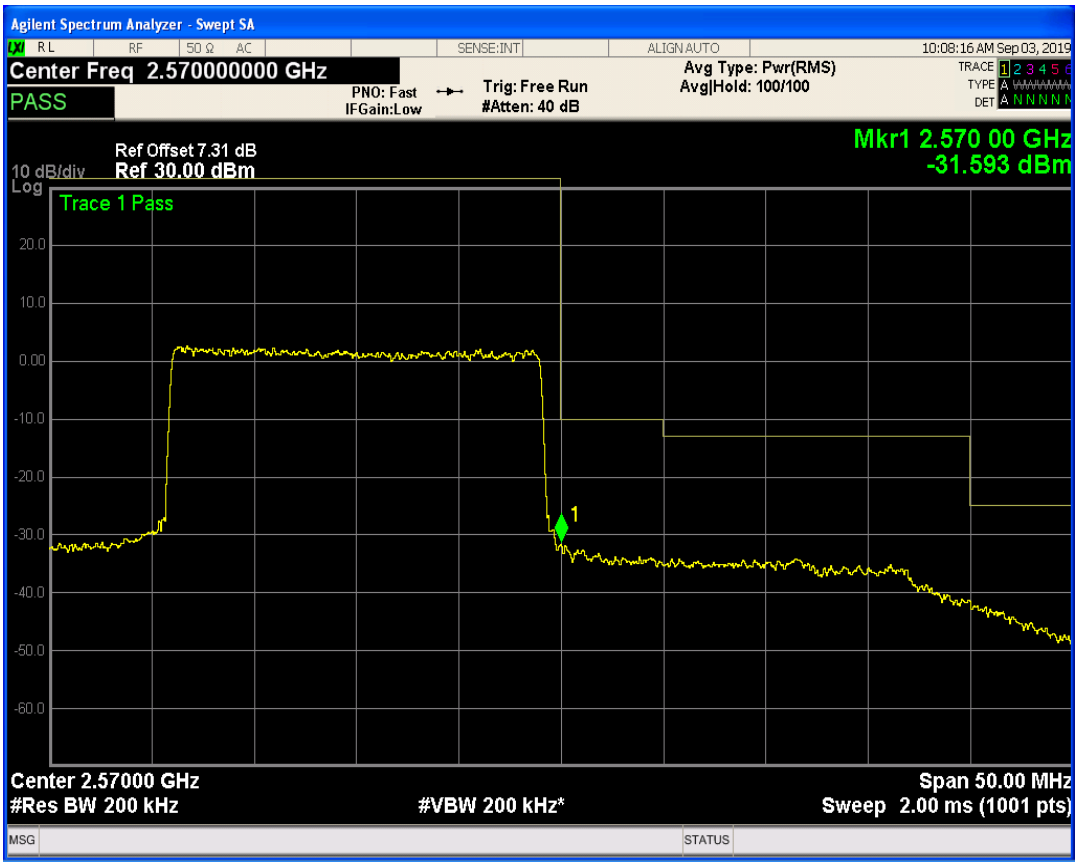


LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max



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



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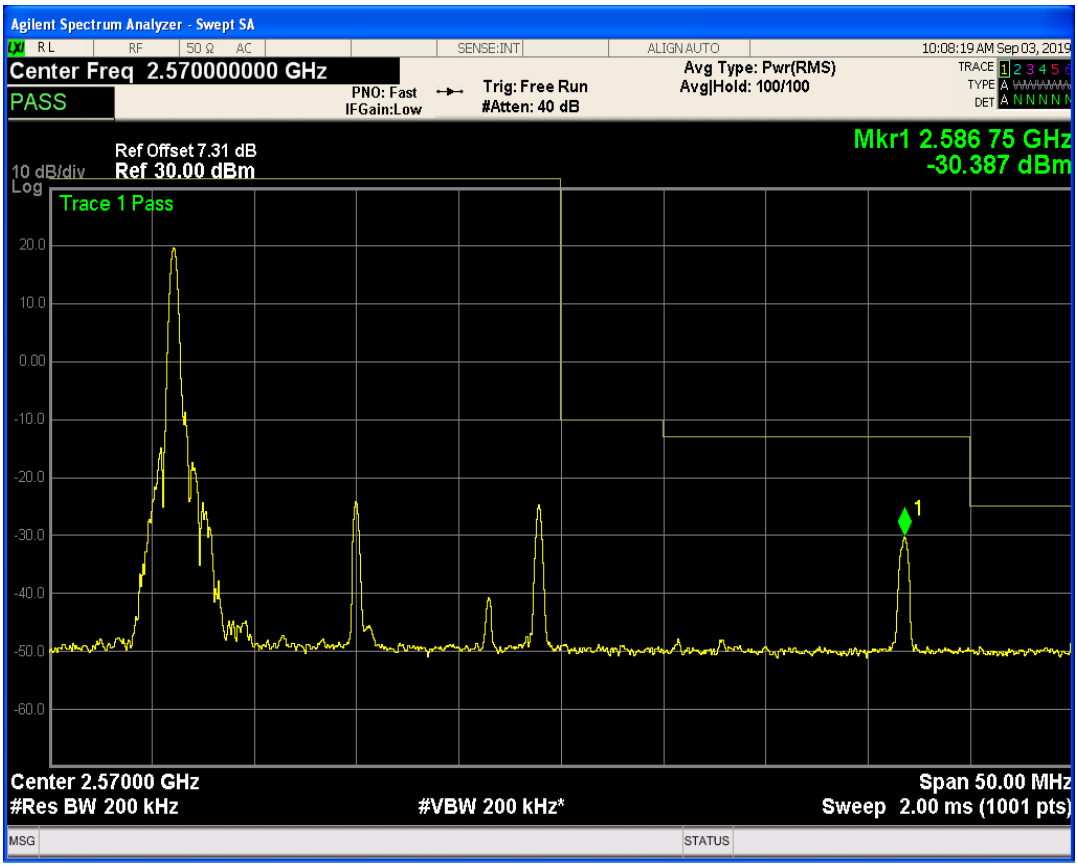
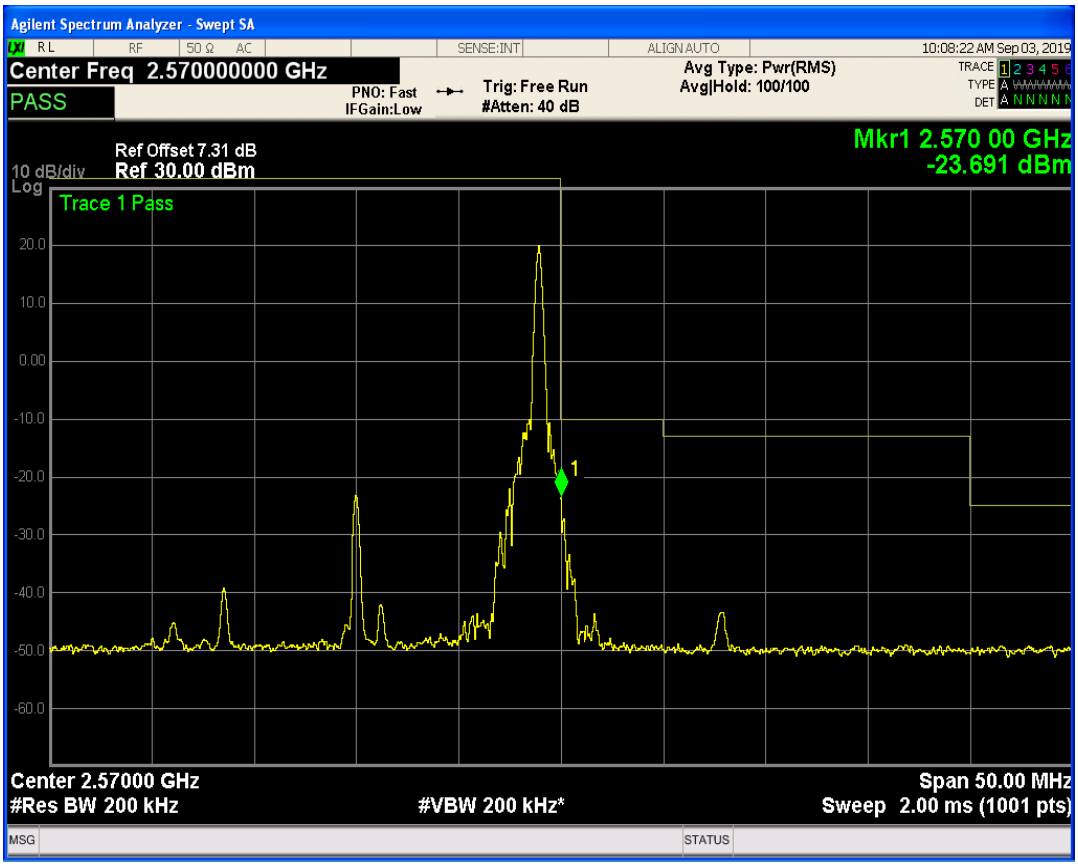
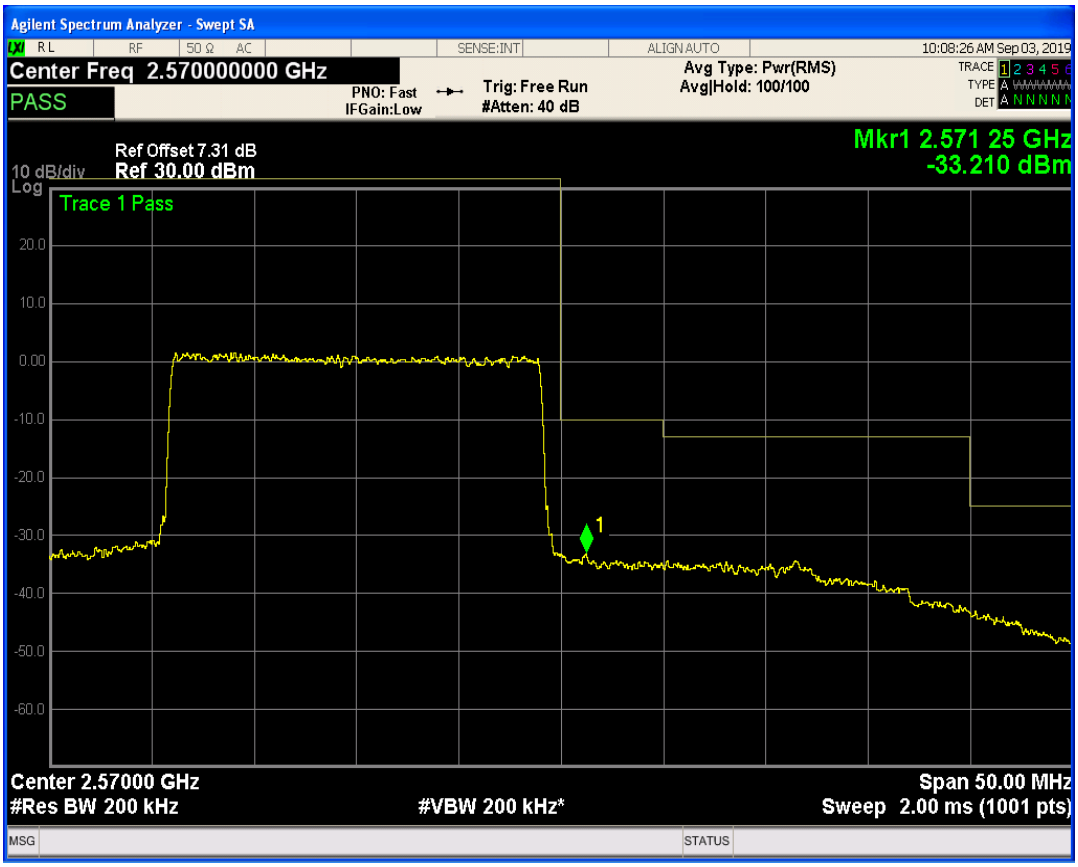


LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=1 Position=#Max



LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0



5 Out-of-band emissions

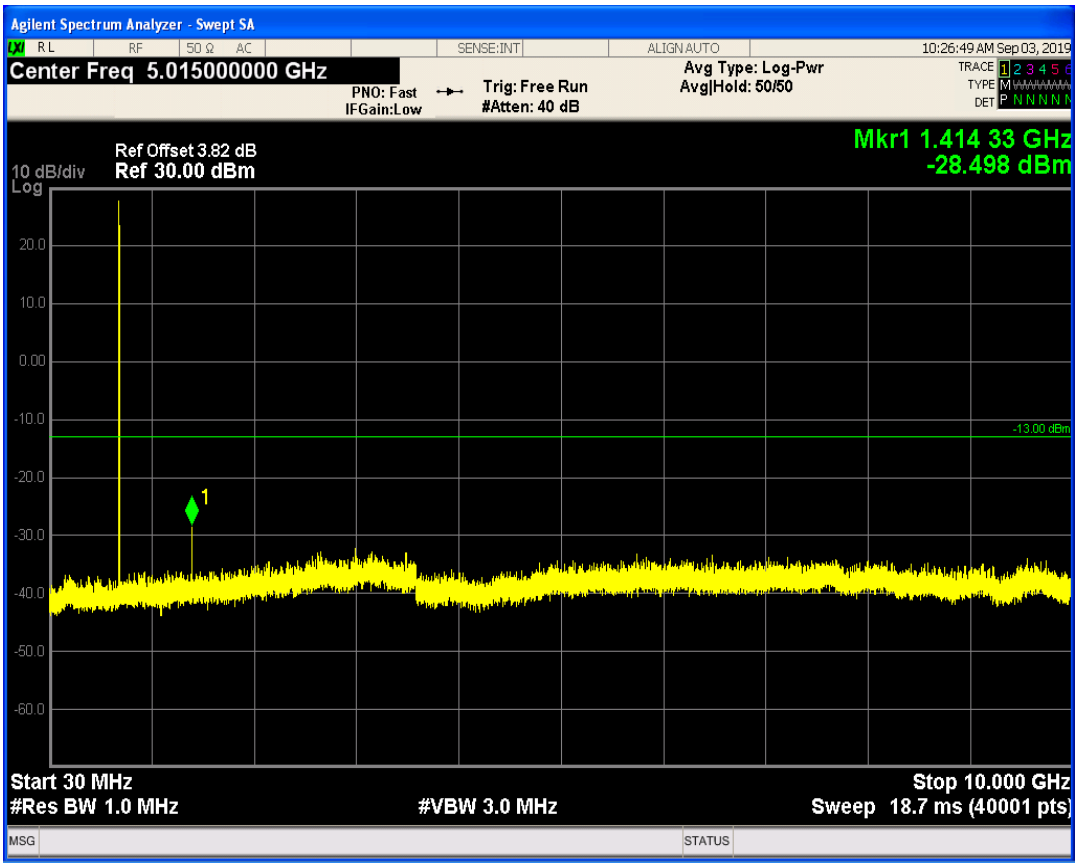
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
LTE Band12	1.4	23017	1	#0	QPSK	1398.63	-25.37	-13	PASS
LTE Band12	1.4	23095	1	#0	QPSK	1414.33	-28.49	-13	PASS
LTE Band12	1.4	23173	1	#0	QPSK	1429.79	-22.07	-13	PASS
LTE Band12	3	23025	1	#0	QPSK	1398.63	-25.62	-13	PASS
LTE Band12	3	23095	1	#0	QPSK	1412.34	-27.15	-13	PASS
LTE Band12	3	23165	1	#0	QPSK	1426.55	-23.28	-13	PASS
LTE Band12	5	23035	1	#0	QPSK	1398.88	-26.99	-13	PASS
LTE Band12	5	23095	1	#0	QPSK	1411.09	-26.15	-13	PASS
LTE Band12	5	23155	1	#0	QPSK	1422.81	-24.98	-13	PASS
LTE Band12	10	23060	1	#0	QPSK	1399.38	-26.34	-13	PASS

LTE Band12	10	23095	1	#0	QPSK	1406.11	-23.89	-13	PASS
LTE Band12	10	23130	1	#0	QPSK	1413.34	-25.65	-13	PASS
LTE Band2	1.4	18607	1	#0	QPSK	18978.53	-25.80	-13	PASS
LTE Band2	1.4	18900	1	#0	QPSK	19977.03	-25.68	-13	PASS
LTE Band2	1.4	19193	1	#0	QPSK	19030.96	-25.19	-13	PASS
LTE Band2	3	18615	1	#0	QPSK	19120.82	-26.04	-13	PASS
LTE Band2	3	18900	1	#0	QPSK	17080.89	-26.35	-13	PASS
LTE Band2	3	19185	1	#0	QPSK	19887.17	-25.33	-13	PASS
LTE Band2	5	18625	1	#0	QPSK	19912.63	-24.62	-13	PASS
LTE Band2	5	18900	1	#0	QPSK	18928.61	-25.25	-13	PASS
LTE Band2	5	19175	1	#0	QPSK	19786.82	-24.95	-13	PASS
LTE Band2	10	18650	1	#0	QPSK	19846.73	-26.04	-13	PASS
LTE Band2	10	18900	1	#0	QPSK	17949.58	-25.88	-13	PASS
LTE Band2	10	19150	1	#0	QPSK	18994.51	-25.08	-13	PASS
LTE Band2	15	18675	1	#0	QPSK	19852.22	-25.81	-13	PASS
LTE Band2	15	18900	1	#0	QPSK	19946.08	-25.25	-13	PASS
LTE Band2	15	19125	1	#0	QPSK	19840.74	-25.61	-13	PASS
LTE Band2	20	18700	1	#0	QPSK	19685.47	-26.00	-13	PASS
LTE Band2	20	18900	1	#0	QPSK	19912.63	-26.08	-13	PASS
LTE Band2	20	19100	1	#0	QPSK	18032.96	-25.86	-13	PASS
LTE Band4	1.4	19957	1	#0	QPSK	19863.21	-26.18	-13	PASS
LTE Band4	1.4	20175	1	#0	QPSK	19697.45	-25.73	-13	PASS

LTE Band4	1.4	20393	1	#0	QPSK	19904.14	-26.23	-13	PASS
LTE Band4	3	19965	1	#0	QPSK	19609.09	-26.00	-13	PASS
LTE Band4	3	20175	1	#0	QPSK	17884.68	-25.40	-13	PASS
LTE Band4	3	20385	1	#0	QPSK	17932.11	-26.02	-13	PASS
LTE Band4	5	19975	1	#0	QPSK	16666.01	-26.44	-13	PASS
LTE Band4	5	20175	1	#0	QPSK	19891.16	-25.14	-13	PASS
LTE Band4	5	20375	1	#0	QPSK	19979.53	-26.50	-13	PASS
LTE Band4	10	20000	1	#0	QPSK	19924.61	-26.54	-13	PASS
LTE Band4	10	20175	1	#0	QPSK	19892.16	-26.30	-13	PASS
LTE Band4	10	20350	1	#0	QPSK	19890.17	-26.37	-13	PASS
LTE Band4	15	20025	1	#0	QPSK	19935.60	-26.15	-13	PASS
LTE Band4	15	20175	1	#0	QPSK	19918.12	-26.44	-13	PASS
LTE Band4	15	20325	1	#0	QPSK	19793.31	-26.09	-13	PASS
LTE Band4	20	20050	1	#0	QPSK	19874.69	-26.54	-13	PASS
LTE Band4	20	20175	1	#0	QPSK	19741.89	-25.56	-13	PASS
LTE Band4	20	20300	1	#0	QPSK	19510.74	-26.35	-13	PASS
LTE Band5	1.4	20407	1	#0	QPSK	2996.08	-31.82	-13	PASS
LTE Band5	1.4	20525	1	#0	QPSK	8158.29	-32.39	-13	PASS
LTE Band5	1.4	20643	1	#0	QPSK	3280.97	-32.51	-13	PASS
LTE Band5	3	20415	1	#0	QPSK	3194.48	-32.20	-13	PASS
LTE Band5	3	20525	1	#0	QPSK	3252.55	-31.61	-13	PASS
LTE Band5	3	20635	1	#0	QPSK	7125.40	-31.13	-13	PASS

LTE Band5	5	20425	1	#0	QPSK	2651.36	-32.71	-13	PASS
LTE Band5	5	20525	1	#0	QPSK	3171.30	-31.68	-13	PASS
LTE Band5	5	20625	1	#0	QPSK	3172.05	-31.77	-13	PASS
LTE Band5	10	20450	1	#0	QPSK	5384.64	-32.37	-13	PASS
LTE Band5	10	20525	1	#0	QPSK	3162.08	-32.66	-13	PASS
LTE Band5	10	20600	1	#0	QPSK	7106.46	-32.62	-13	PASS
LTE Band7	5	20775	1	#0	QPSK	25868.85	-29.90	-25	PASS
LTE Band7	5	21100	1	#0	QPSK	25960.40	-30.04	-25	PASS
LTE Band7	5	21425	1	#0	QPSK	25443.59	-29.50	-25	PASS
LTE Band7	10	20800	1	#0	QPSK	25962.99	-29.92	-25	PASS
LTE Band7	10	21100	1	#0	QPSK	25988.31	-29.12	-25	PASS
LTE Band7	10	21400	1	#0	QPSK	25861.06	-29.87	-25	PASS
LTE Band7	15	20825	1	#0	QPSK	25574.74	-29.72	-25	PASS
LTE Band7	15	21100	1	#0	QPSK	24998.86	-30.17	-25	PASS
LTE Band7	15	21375	1	#0	QPSK	25481.90	-29.69	-25	PASS
LTE Band7	20	20850	1	#0	QPSK	25516.96	-30.19	-25	PASS
LTE Band7	20	21100	1	#0	QPSK	25989.61	-28.32	-25	PASS
LTE Band7	20	21350	1	#0	QPSK	25490.34	-29.82	-25	PASS

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



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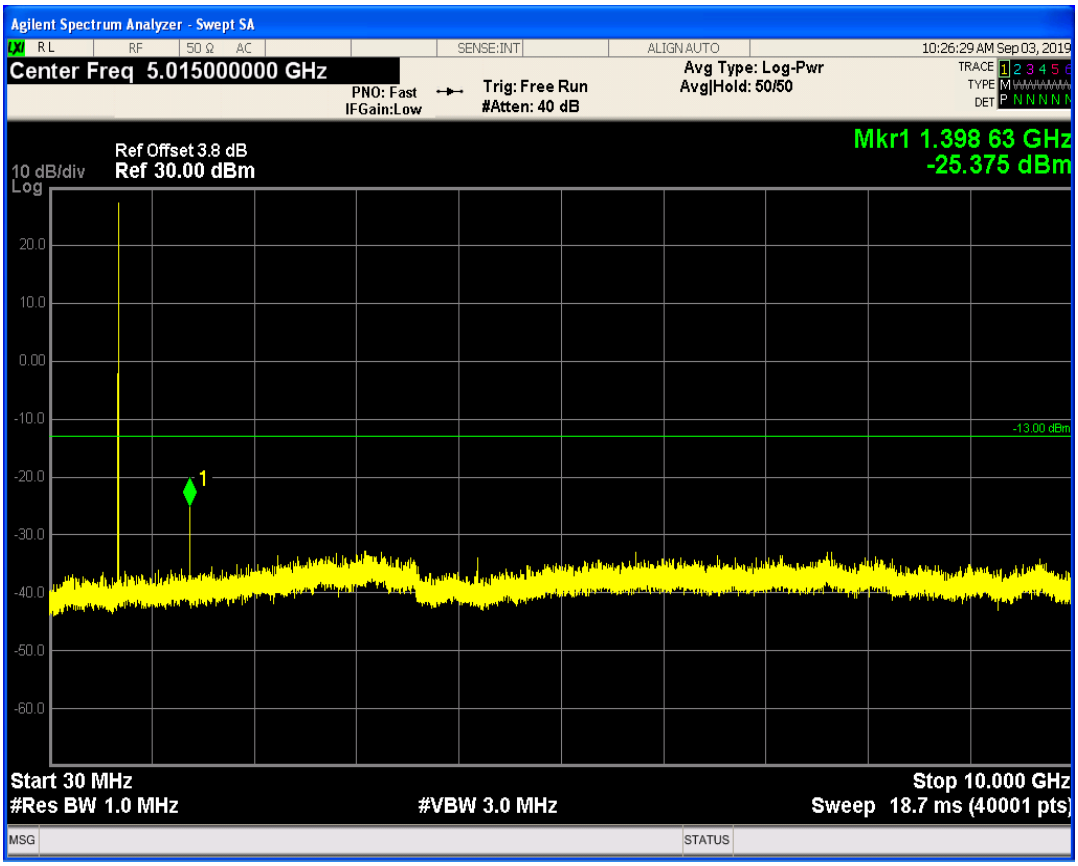

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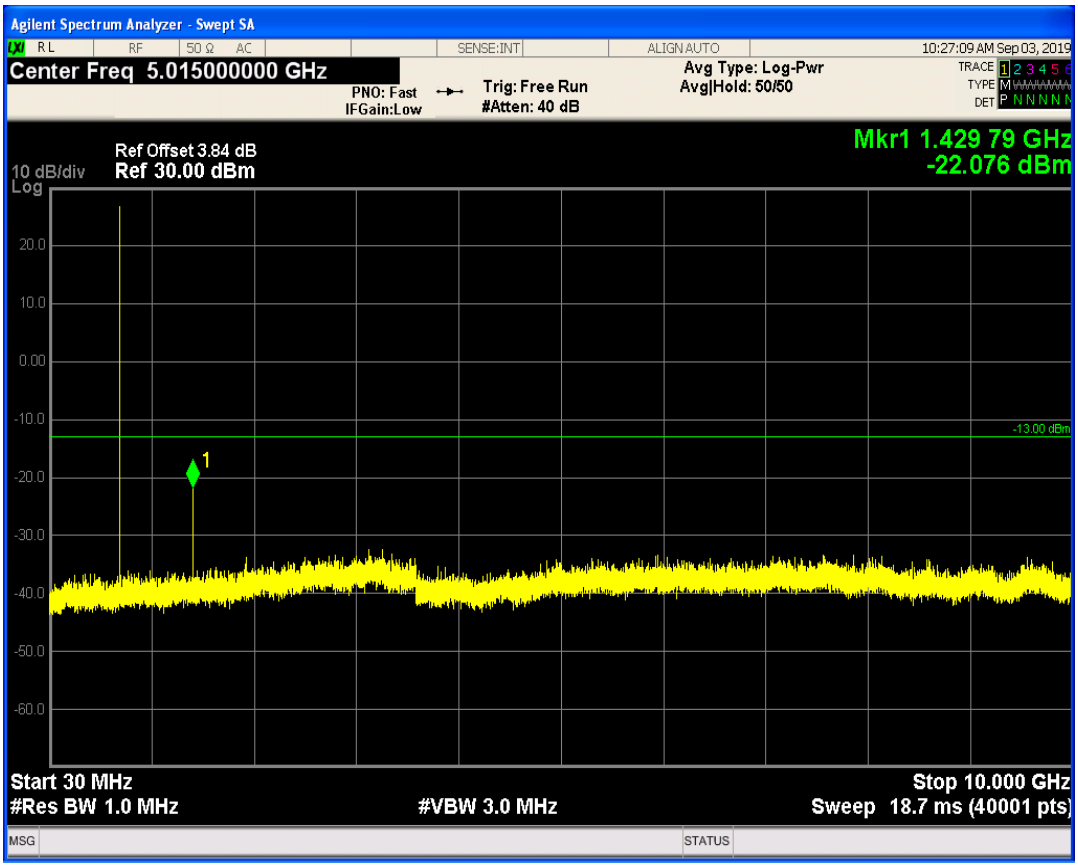
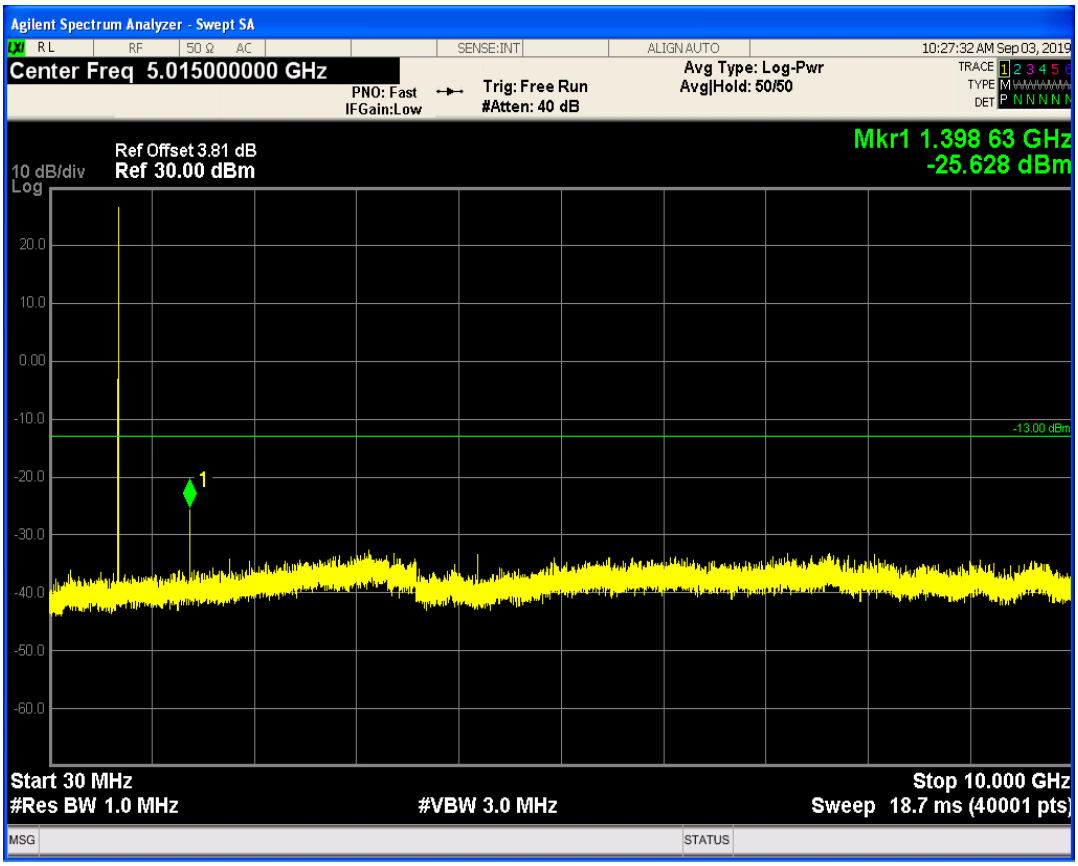
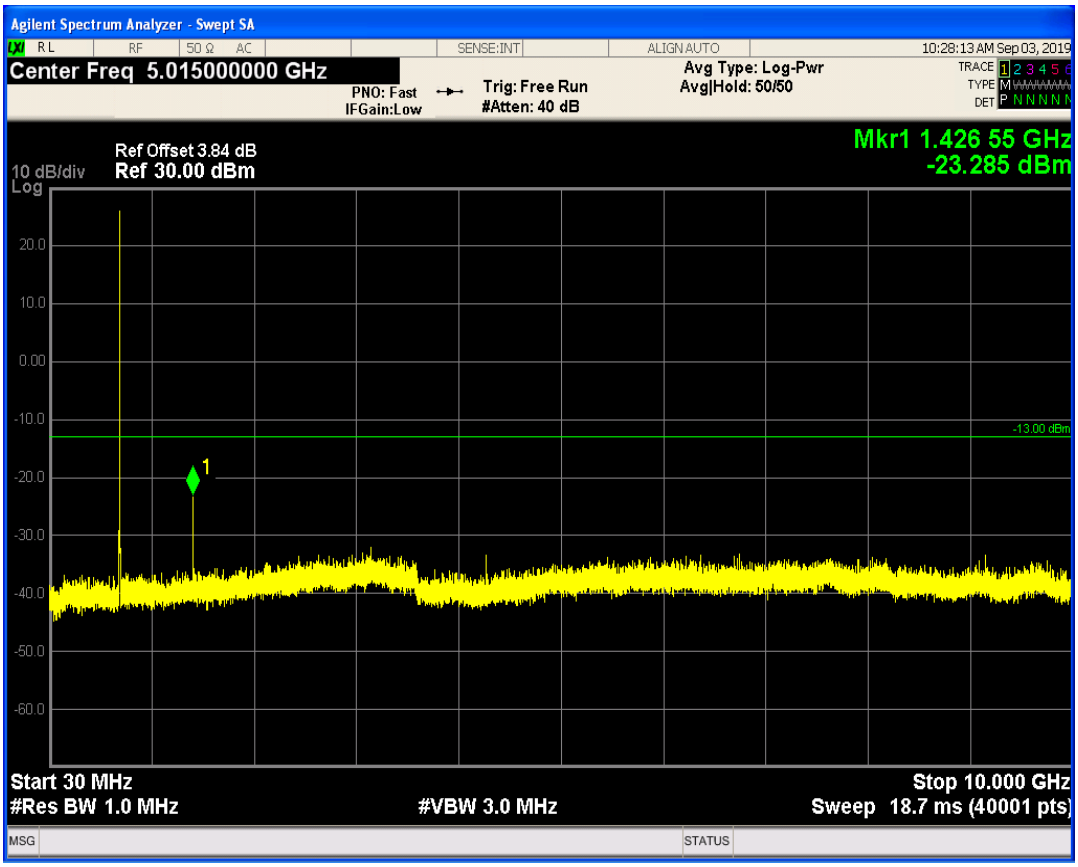


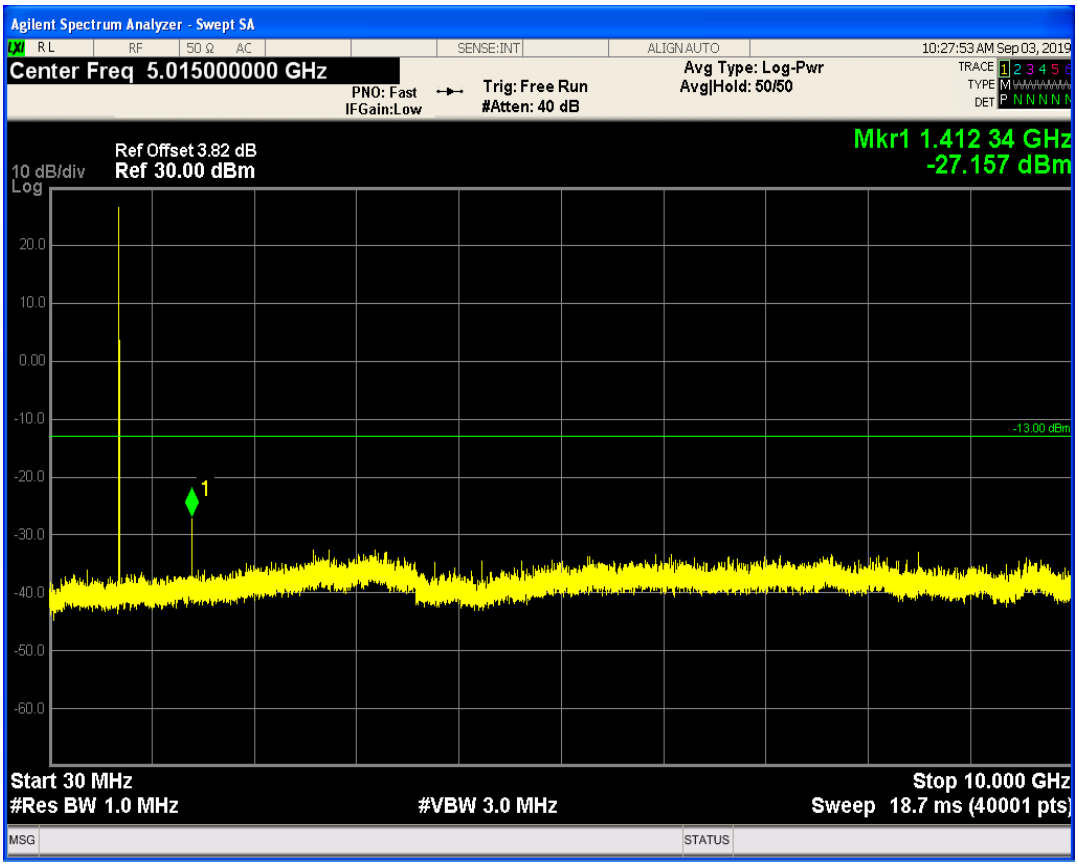
LTE Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



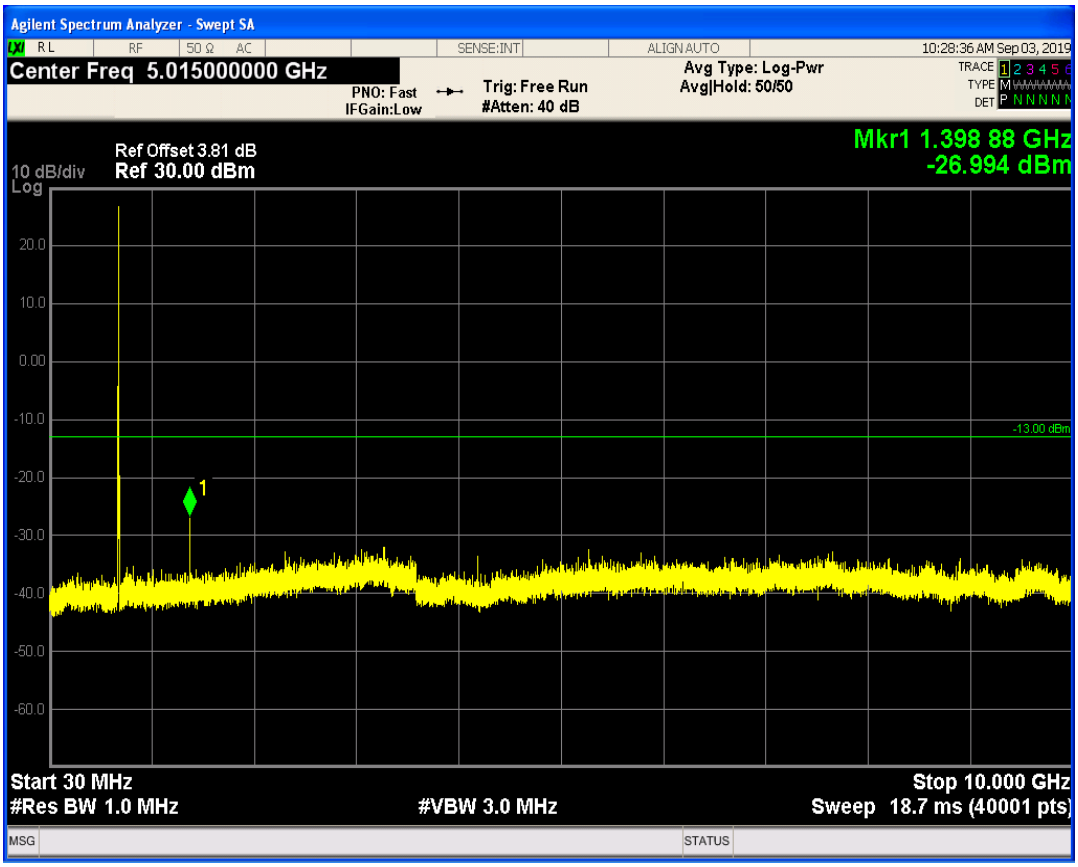
LTE Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



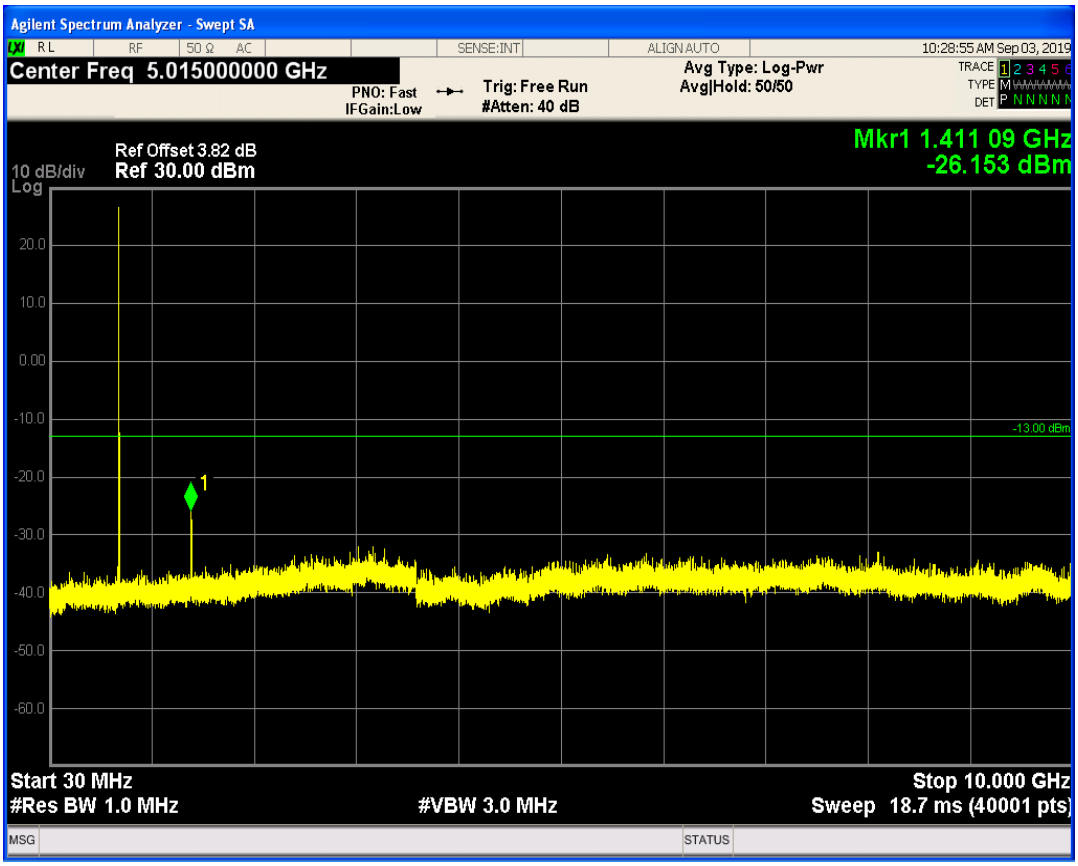
LTE Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



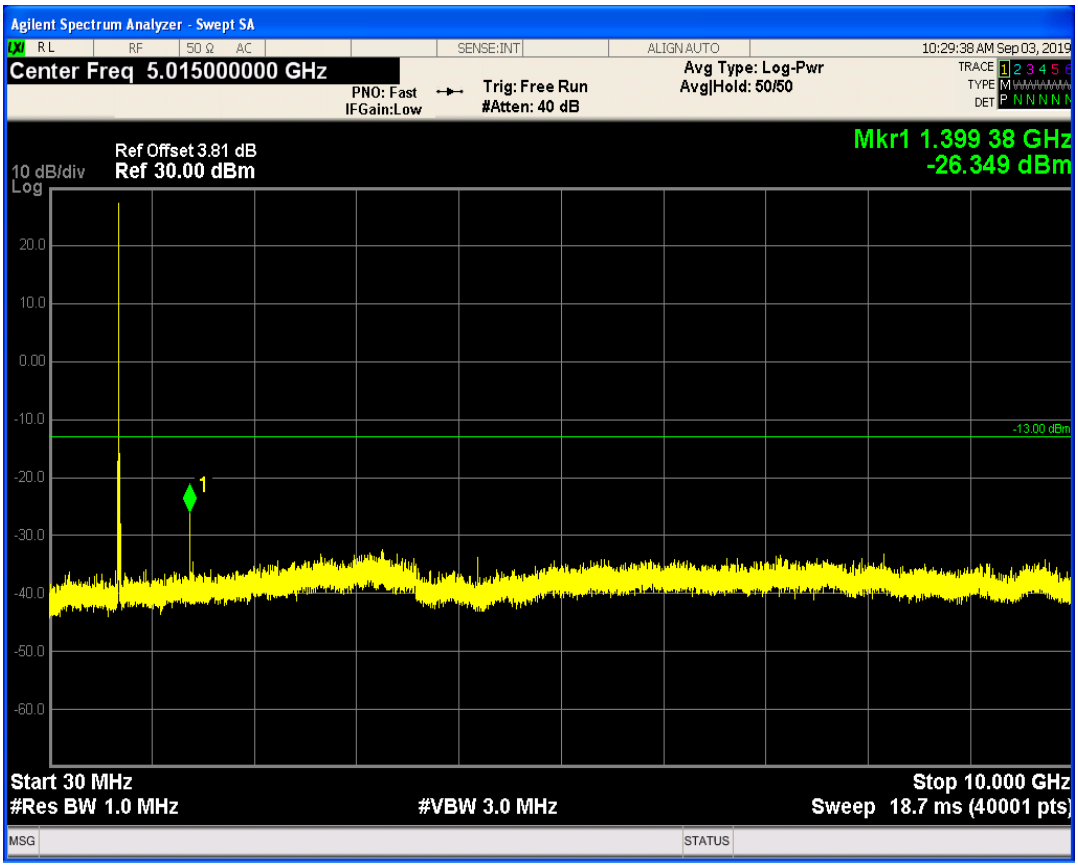
LTE Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



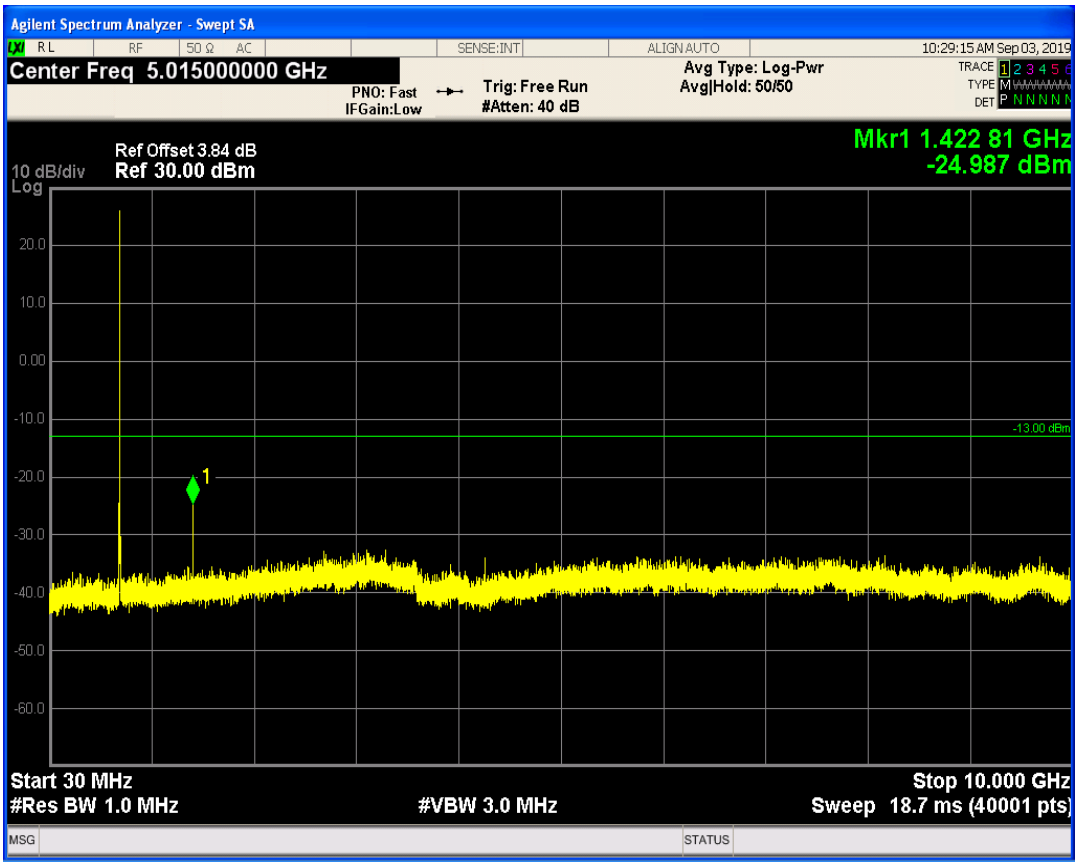
LTE Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



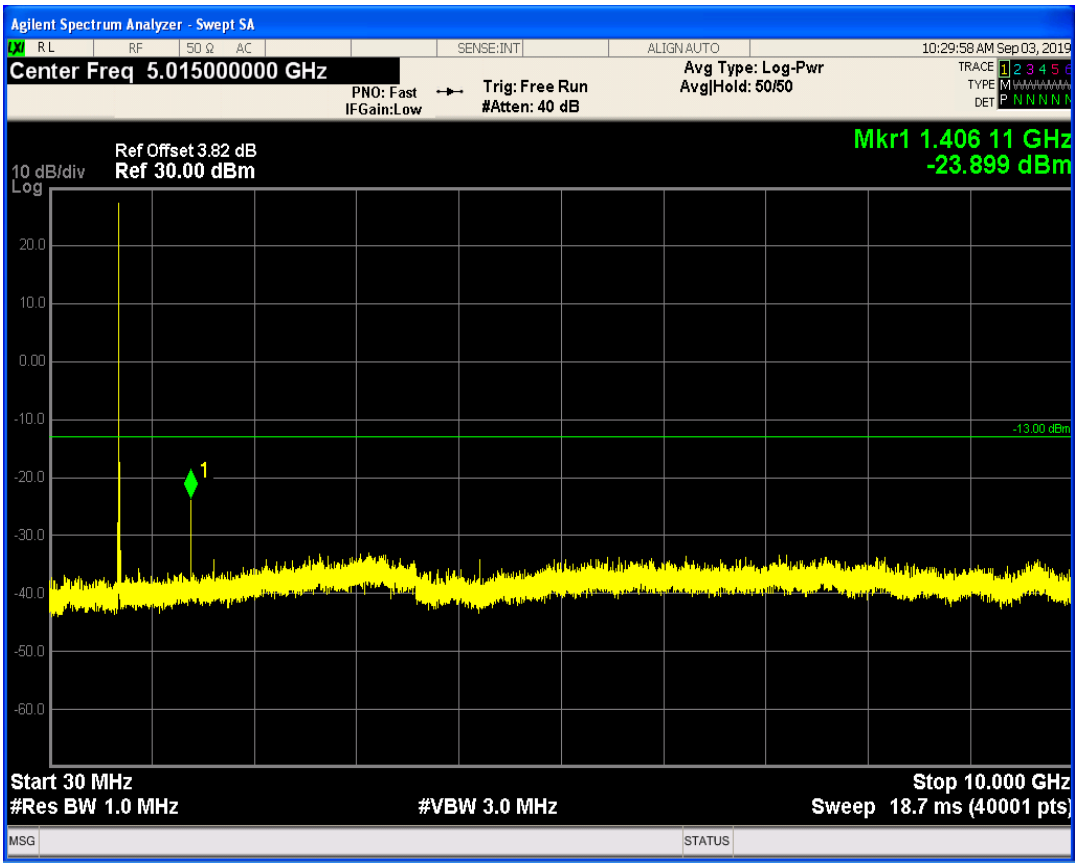
LTE Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



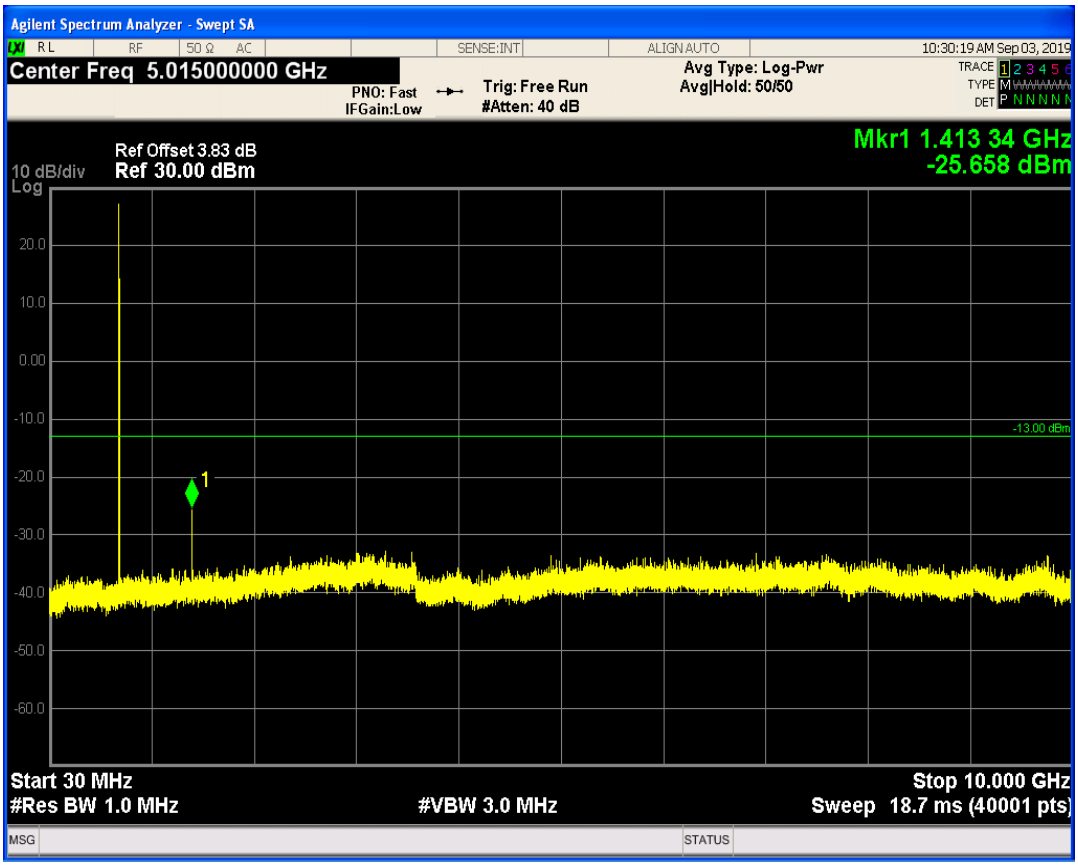
LTE Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



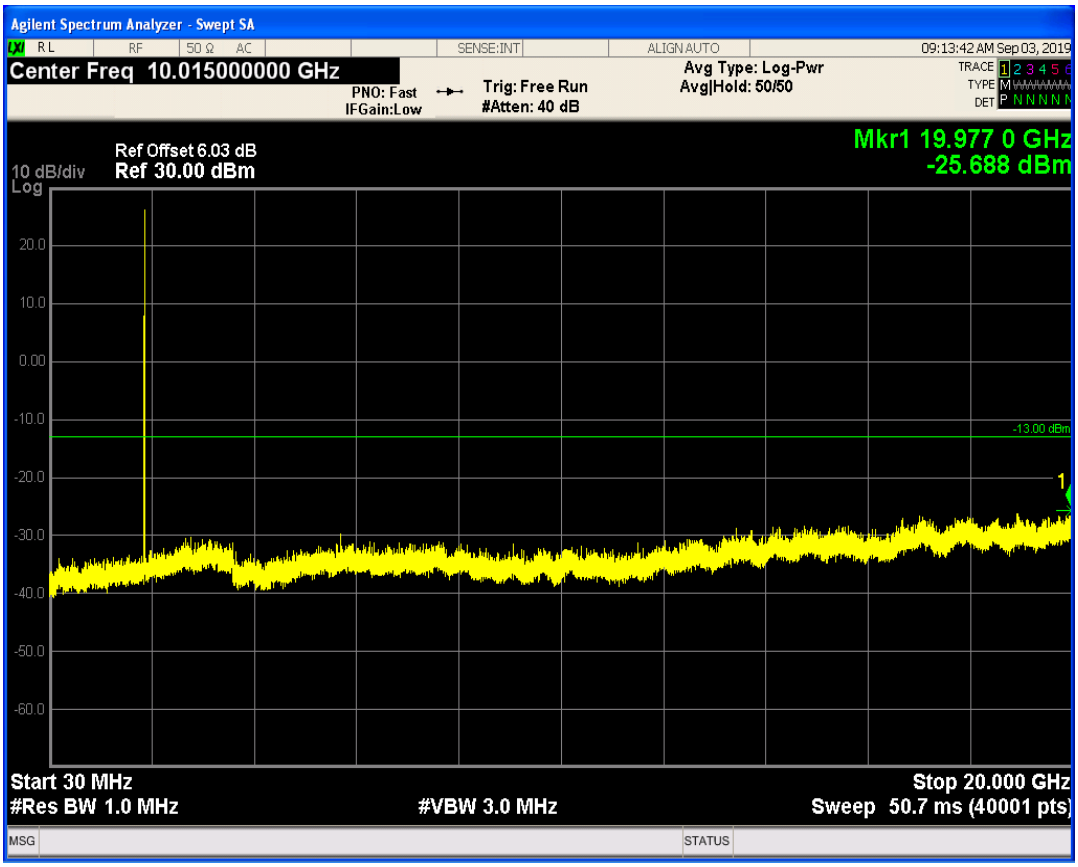
LTE Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



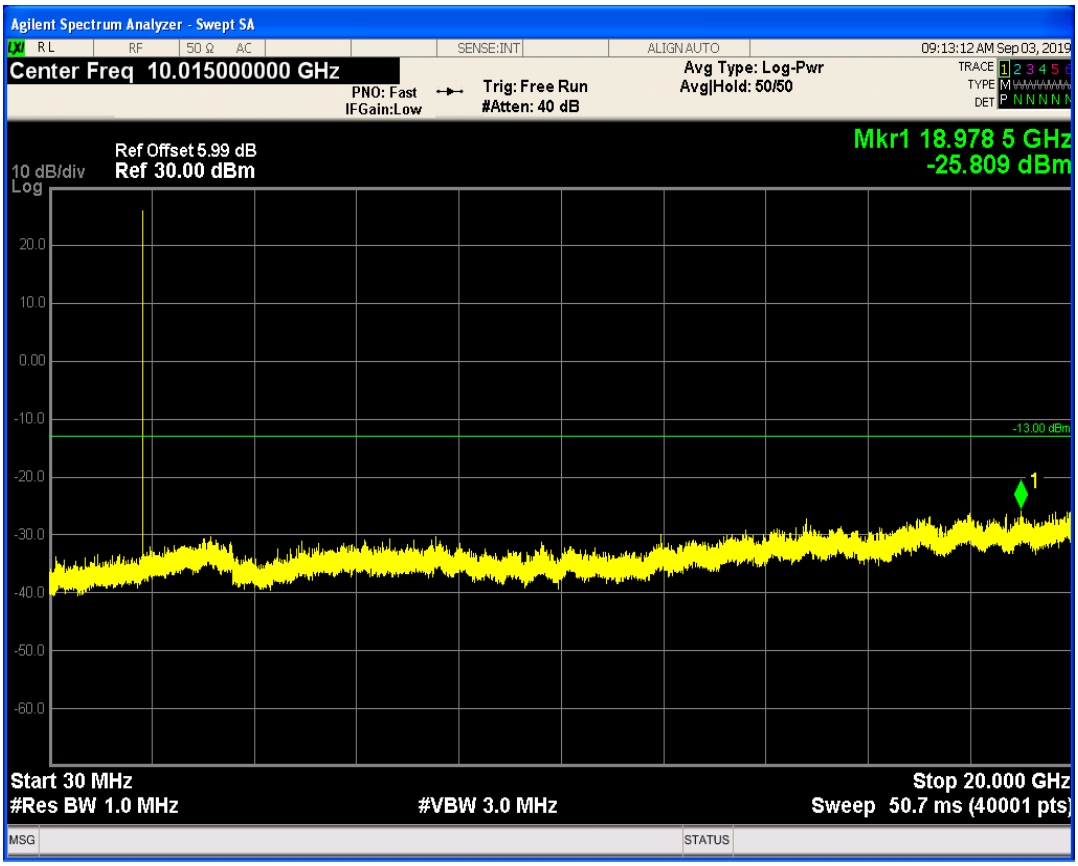
LTE Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



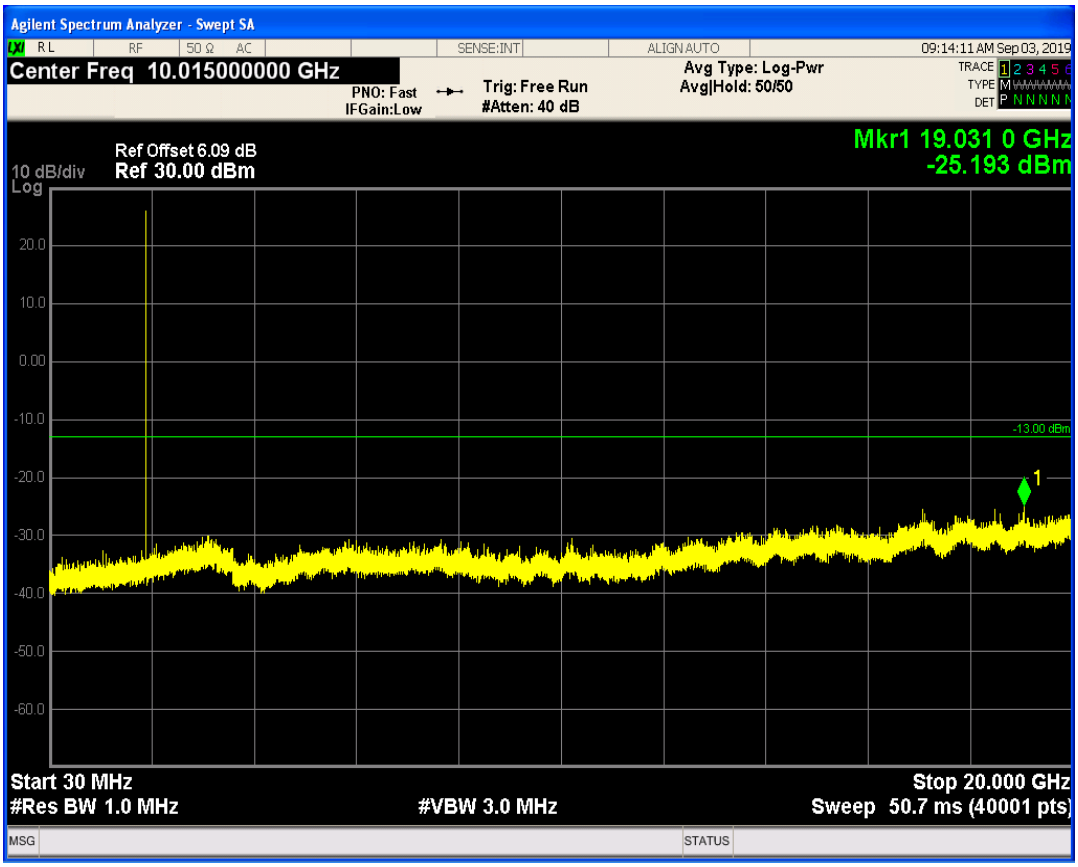
LTE Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



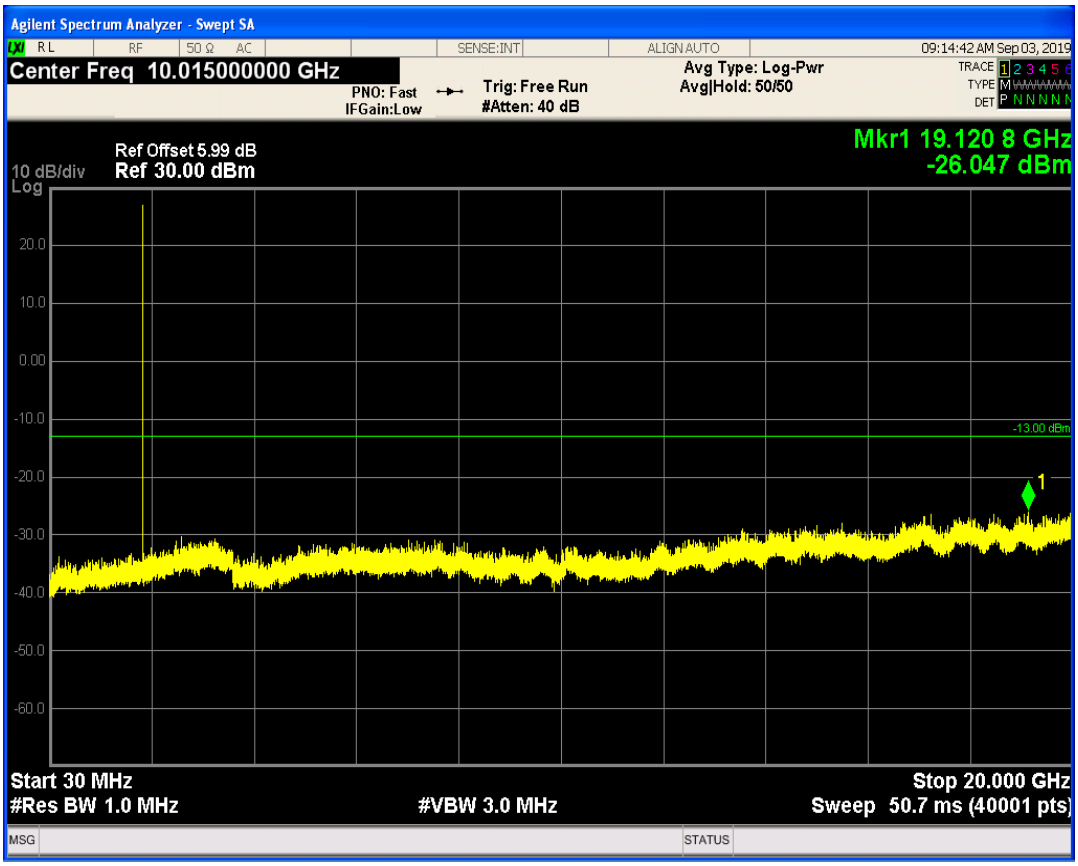
LTE Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



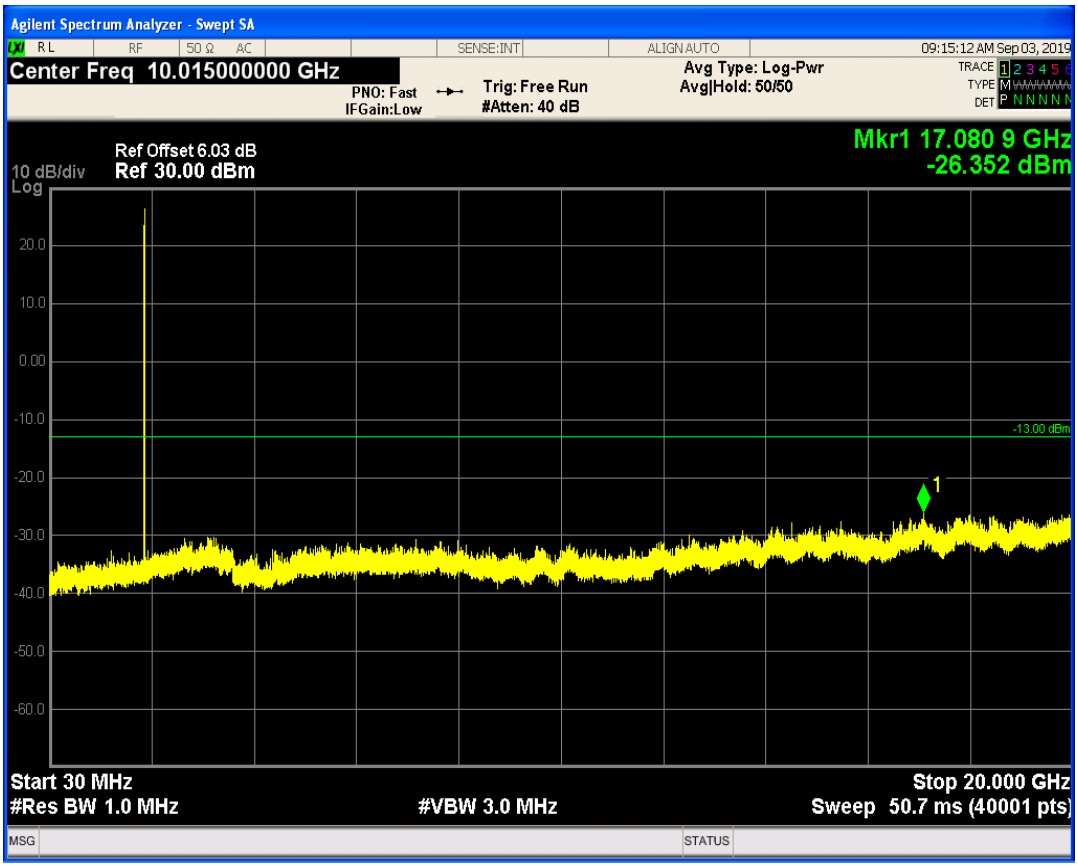
LTE Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



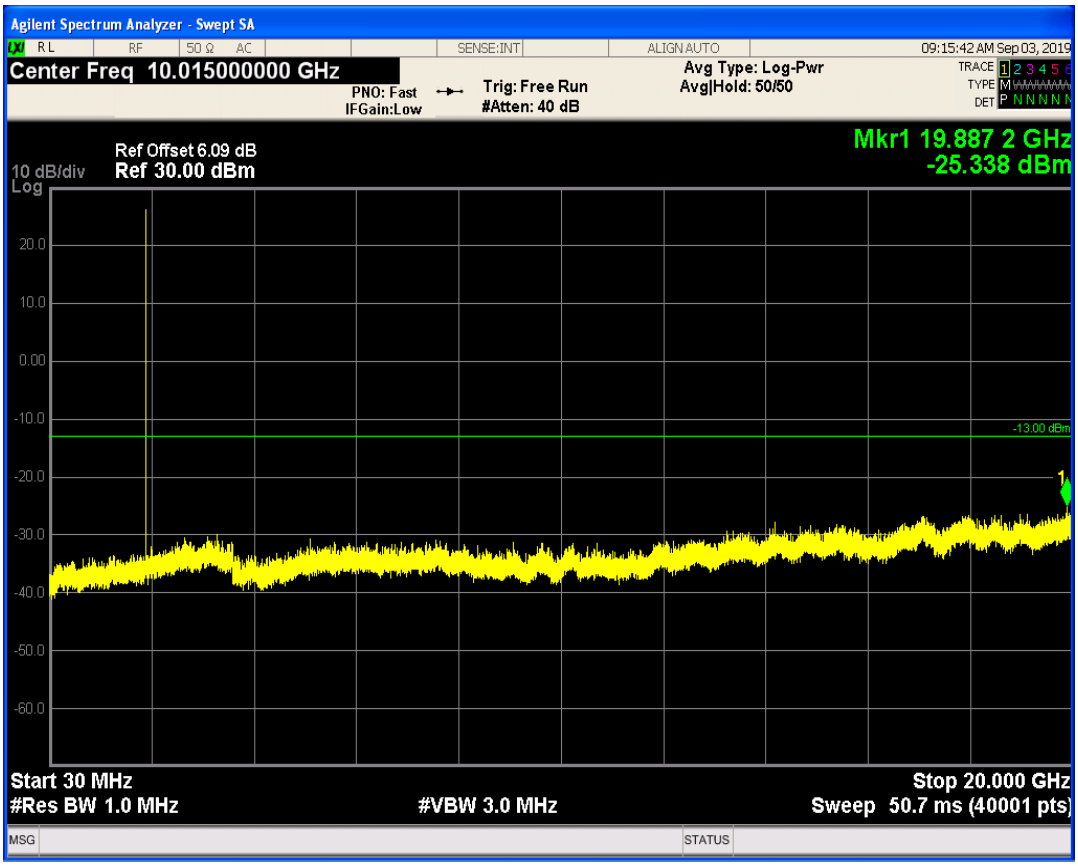
LTE Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



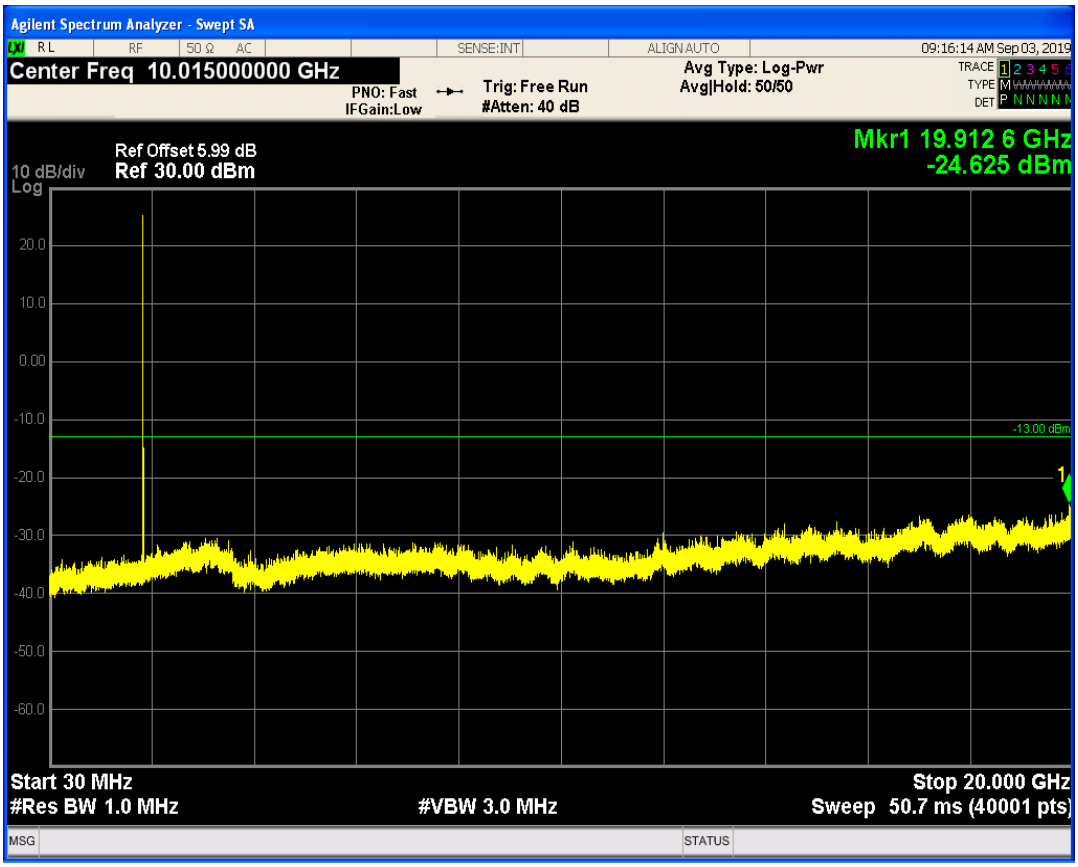
LTE Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



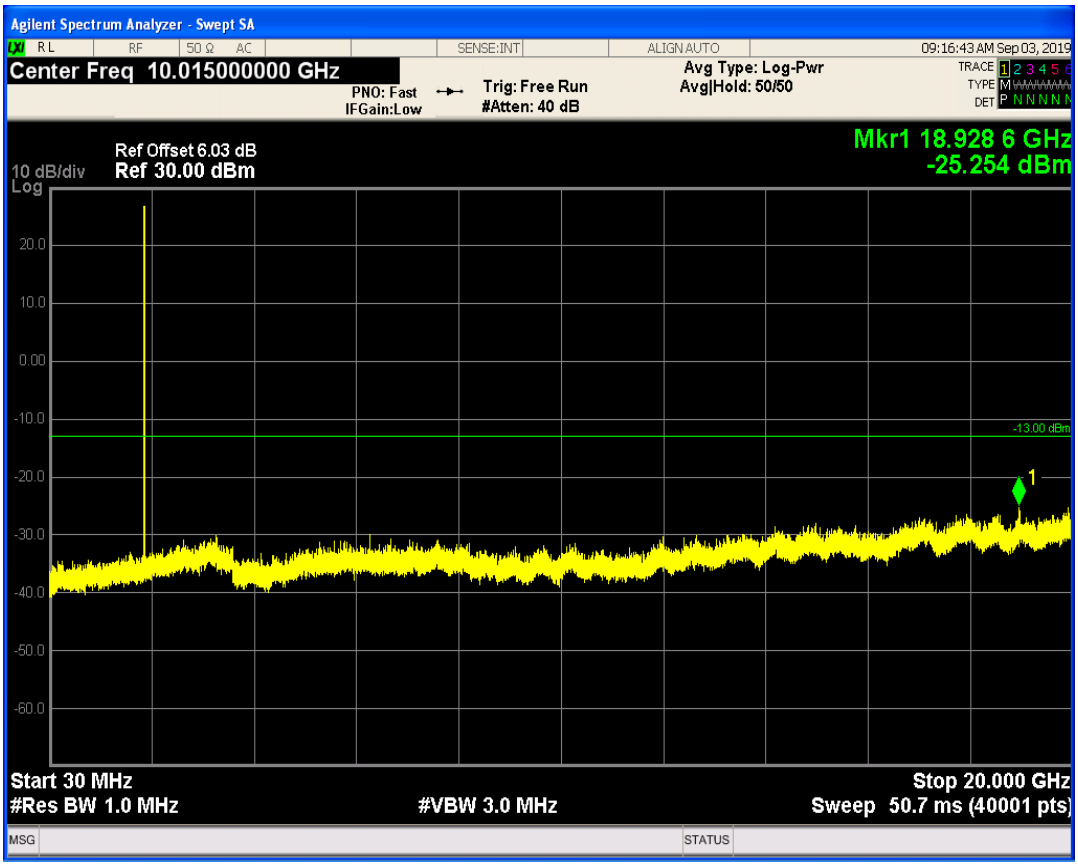
LTE Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



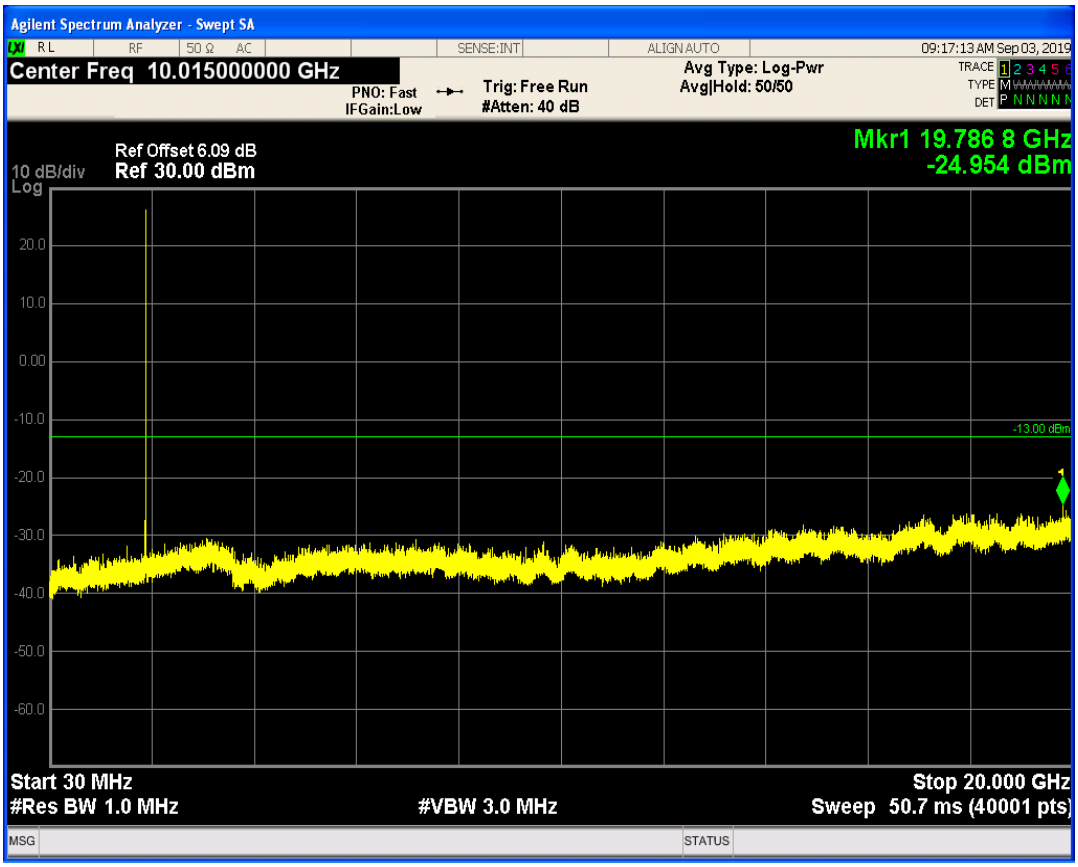
LTE Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



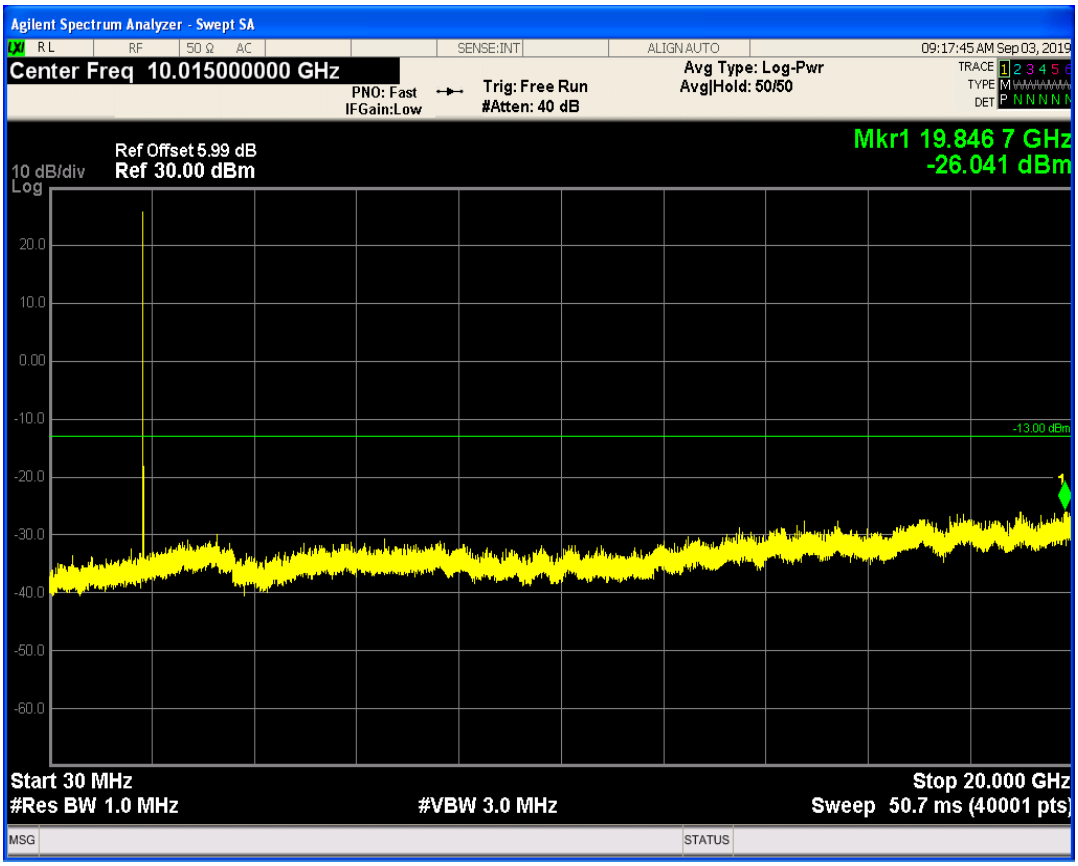
LTE Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



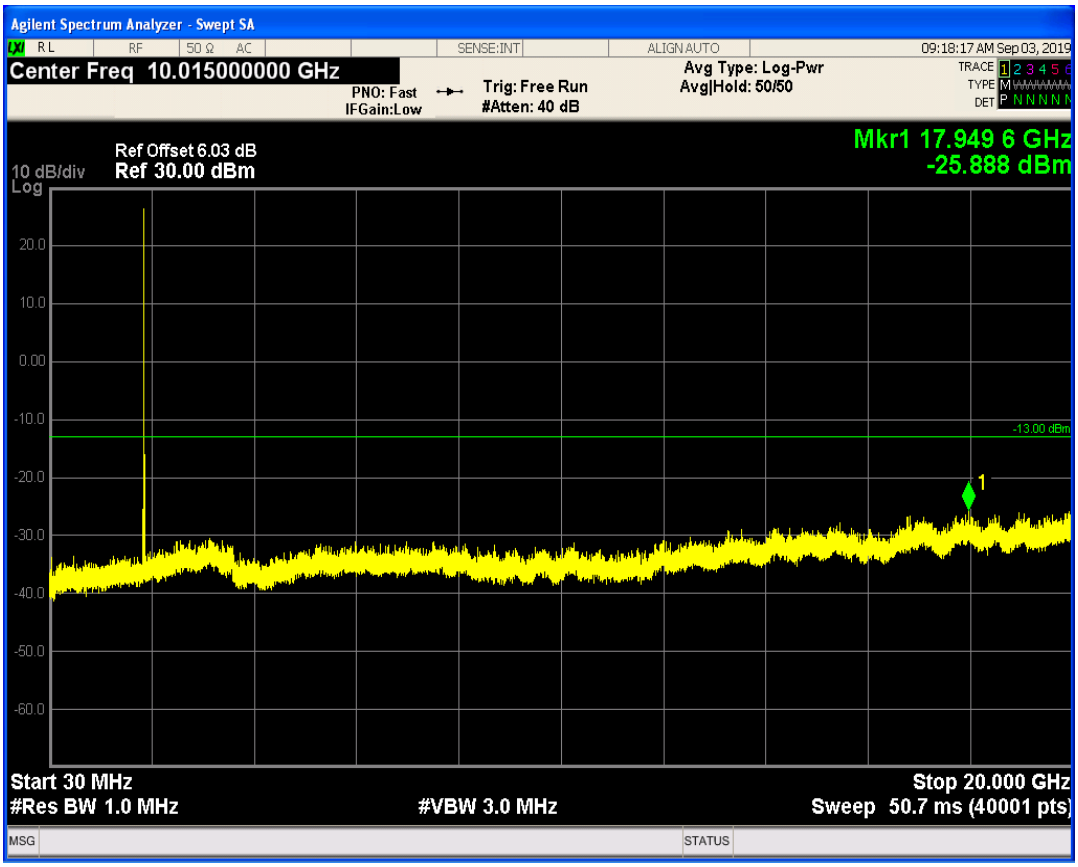
LTE Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



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



LTE Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



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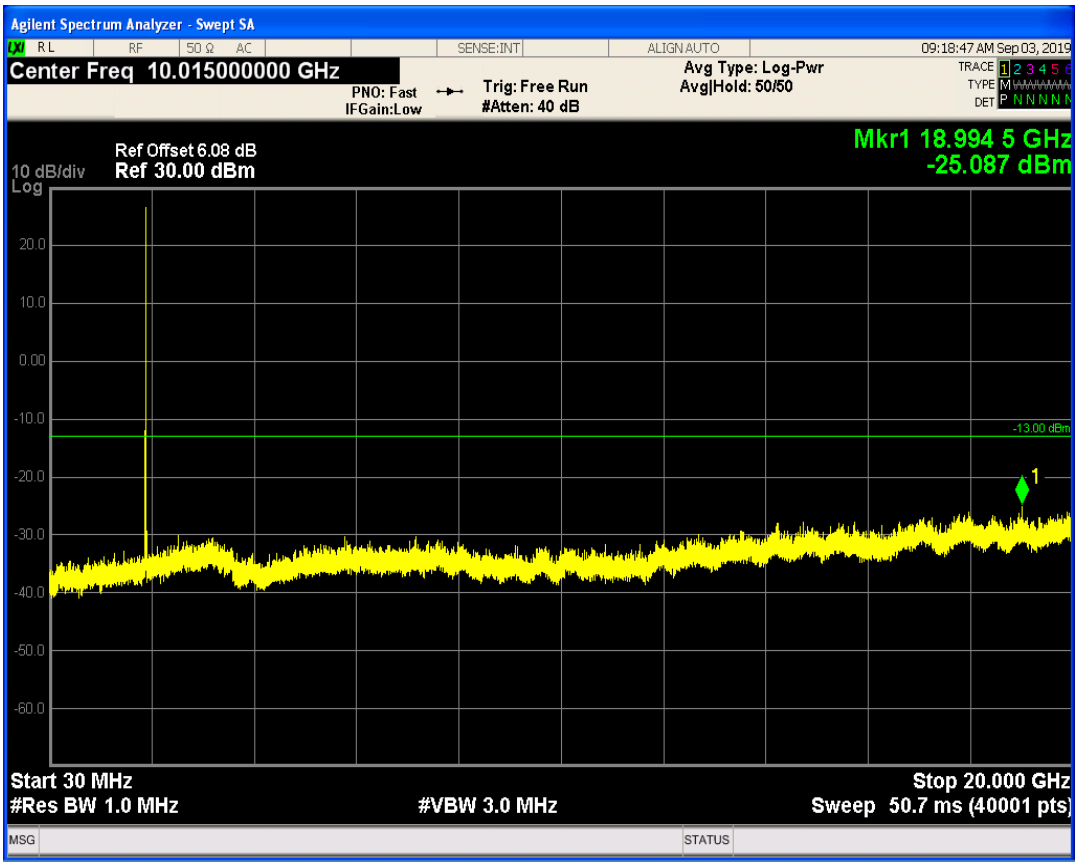
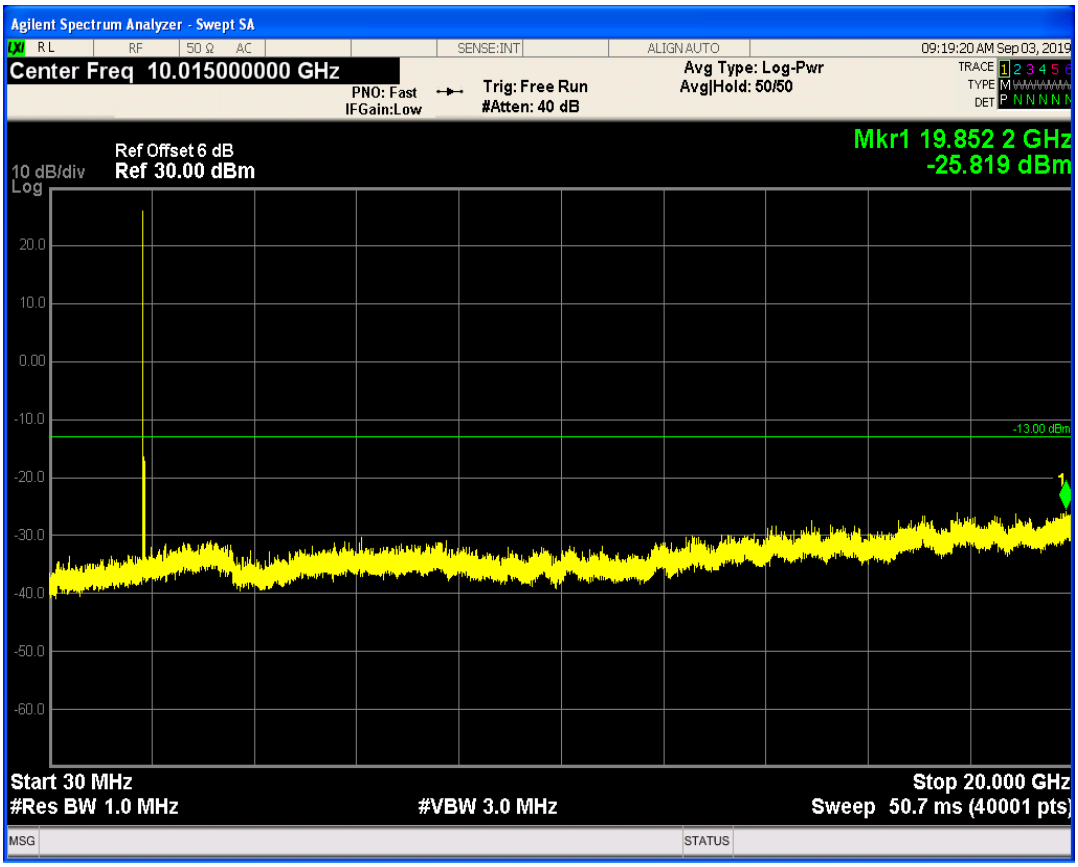
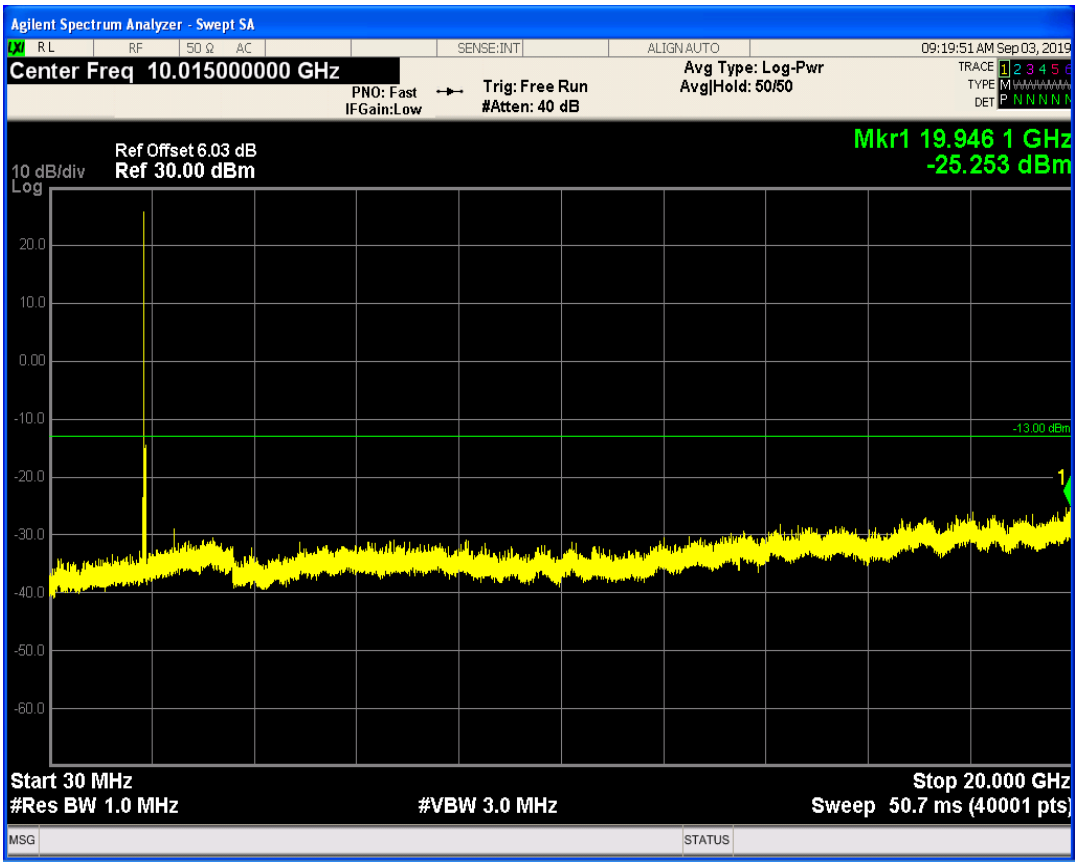


LTE Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



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



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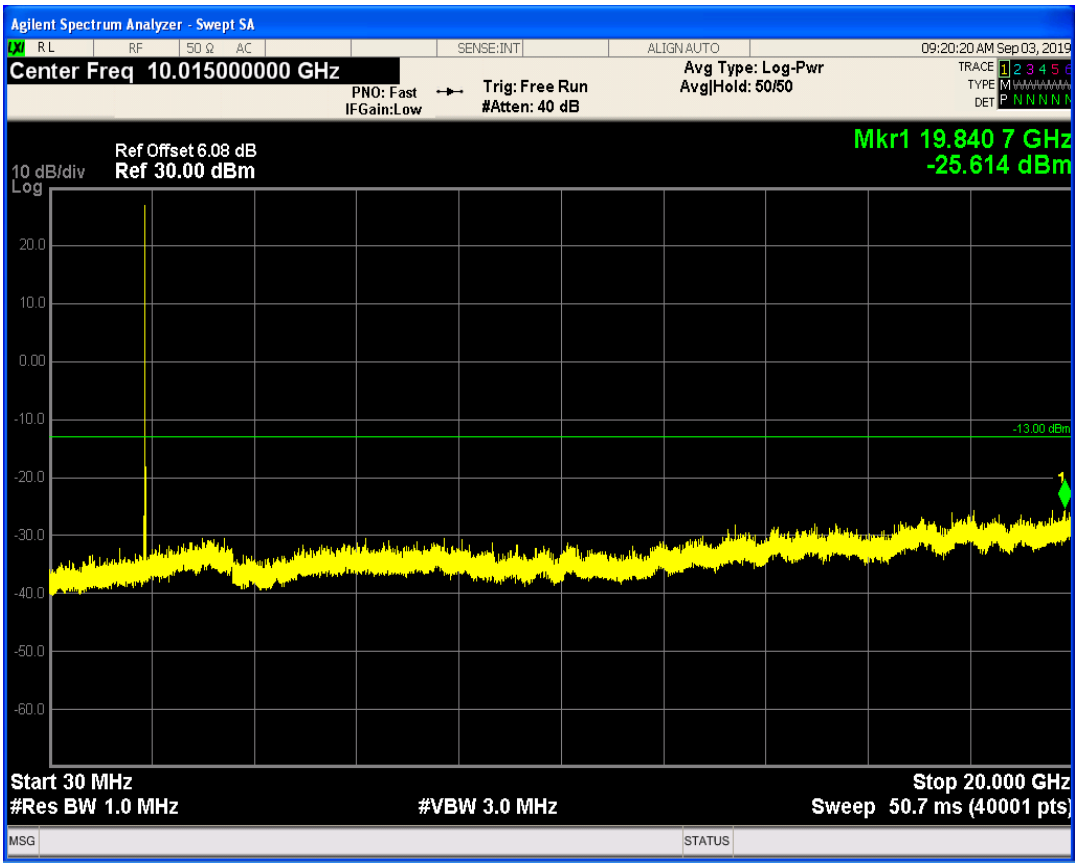
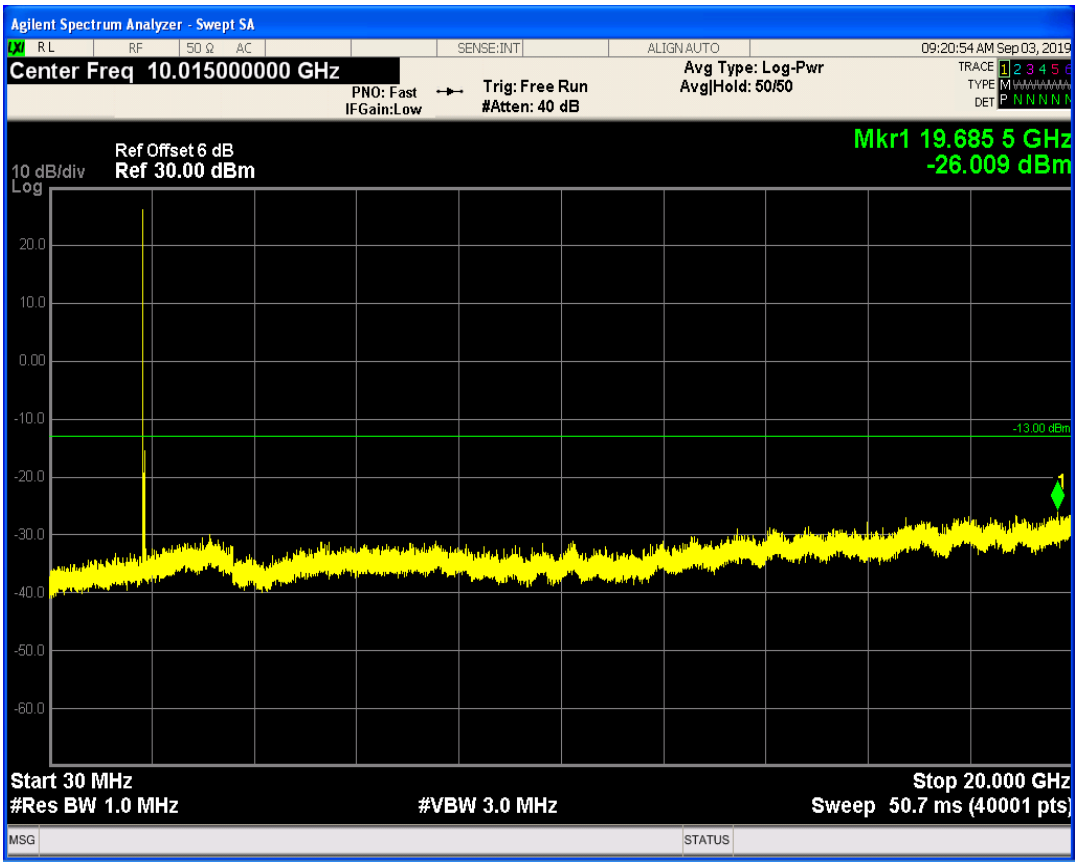
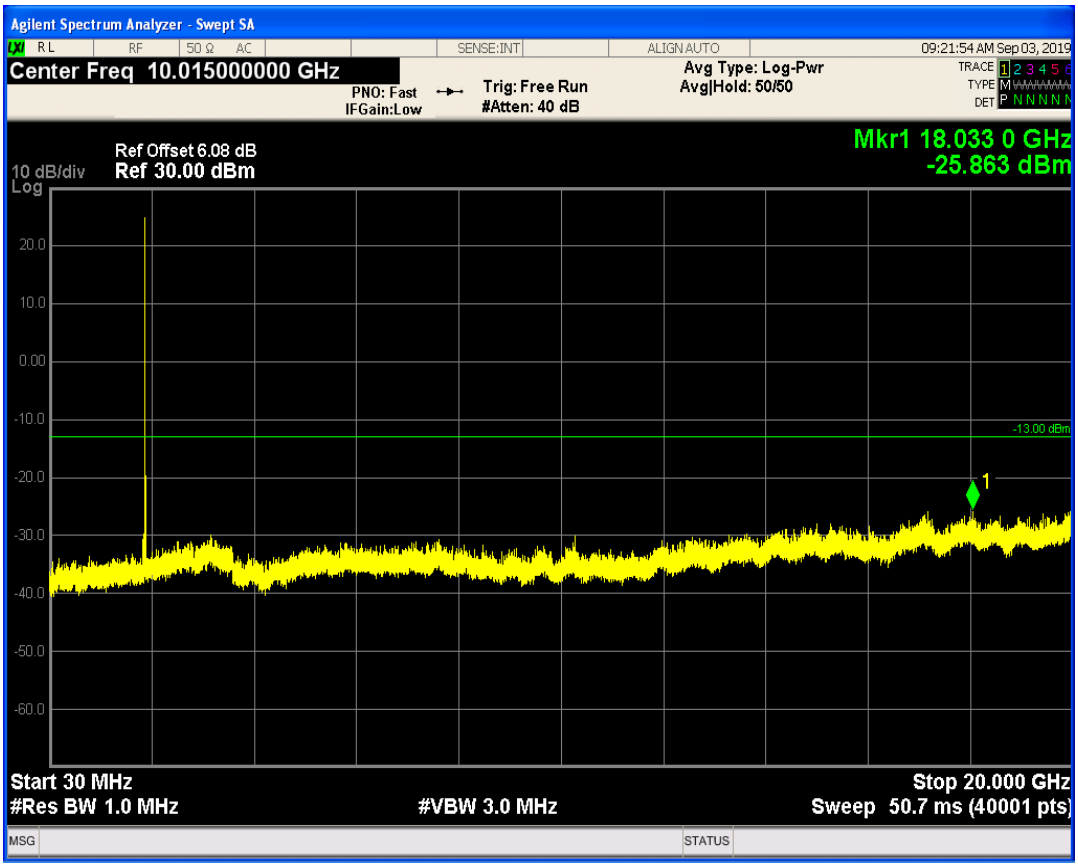


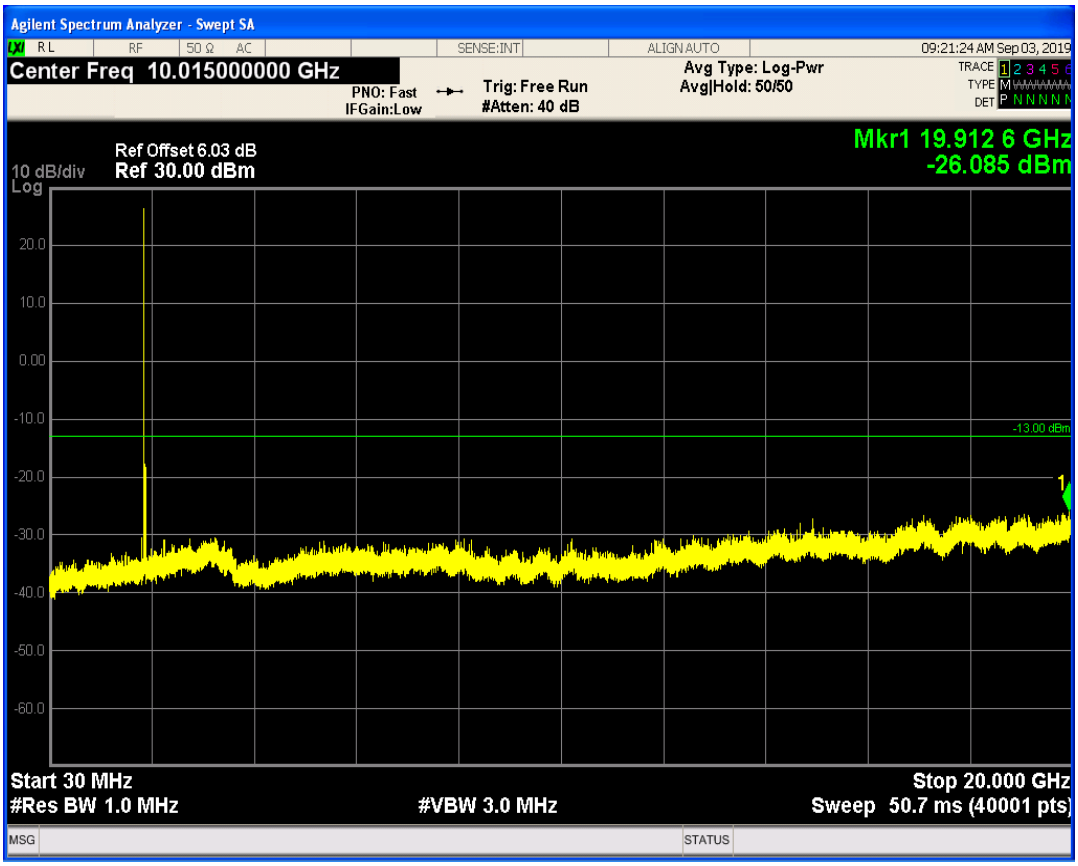
LTE Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



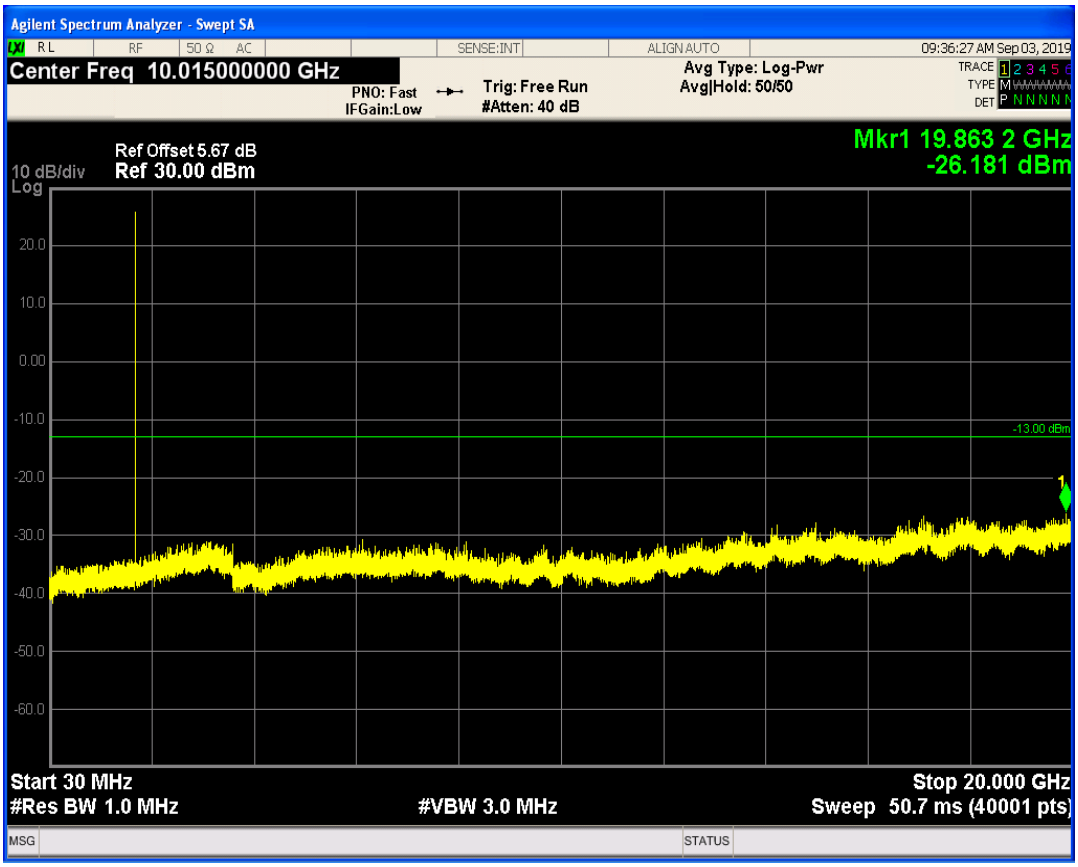
LTE Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



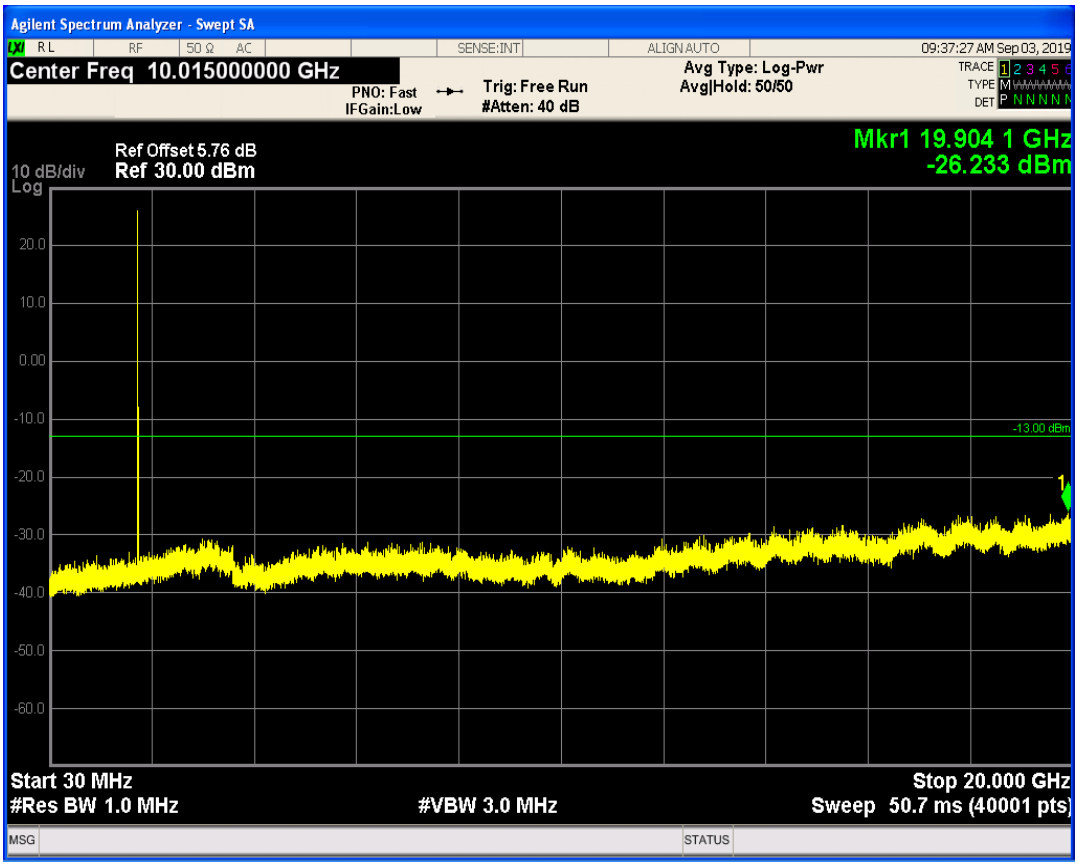
LTE Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



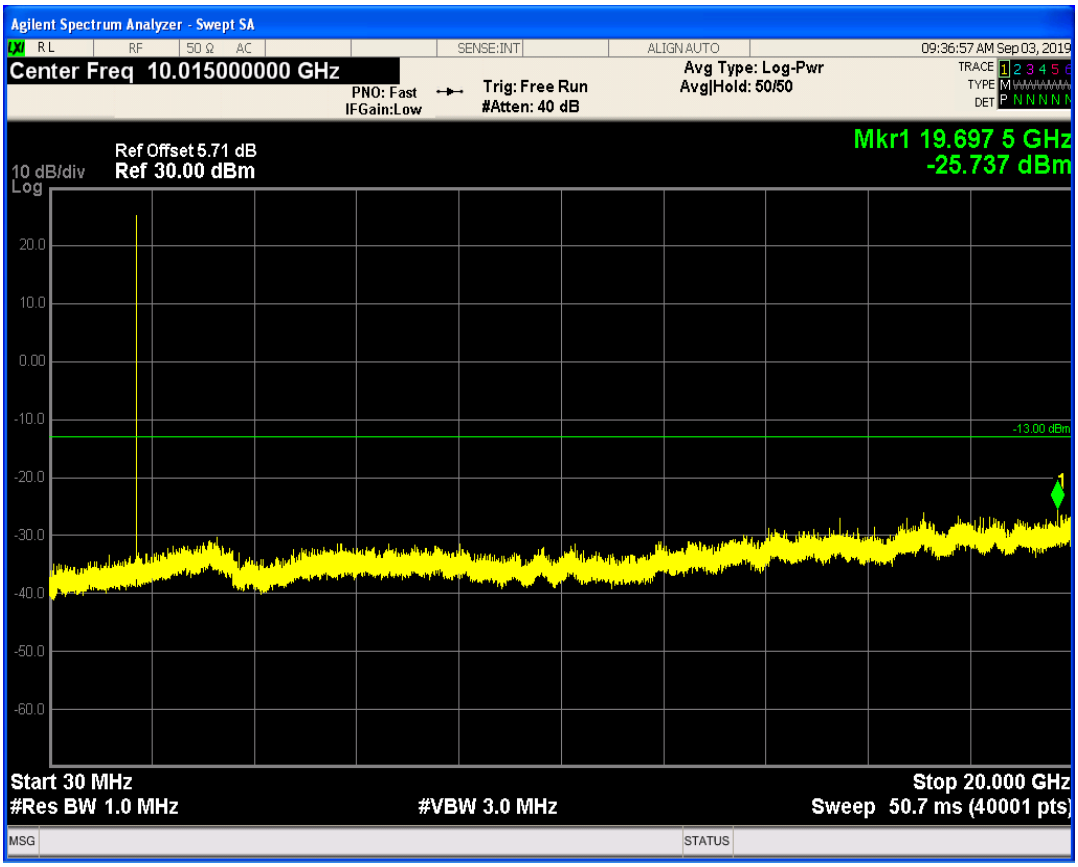
LTE Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



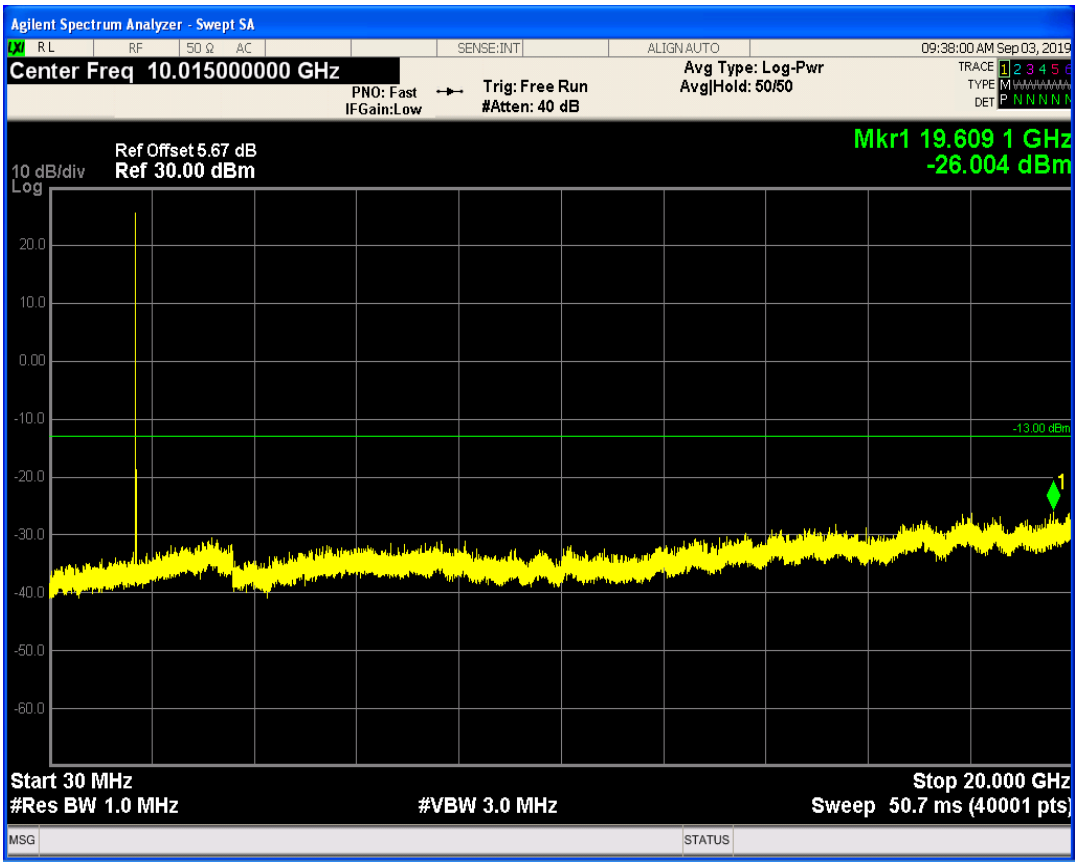
LTE Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



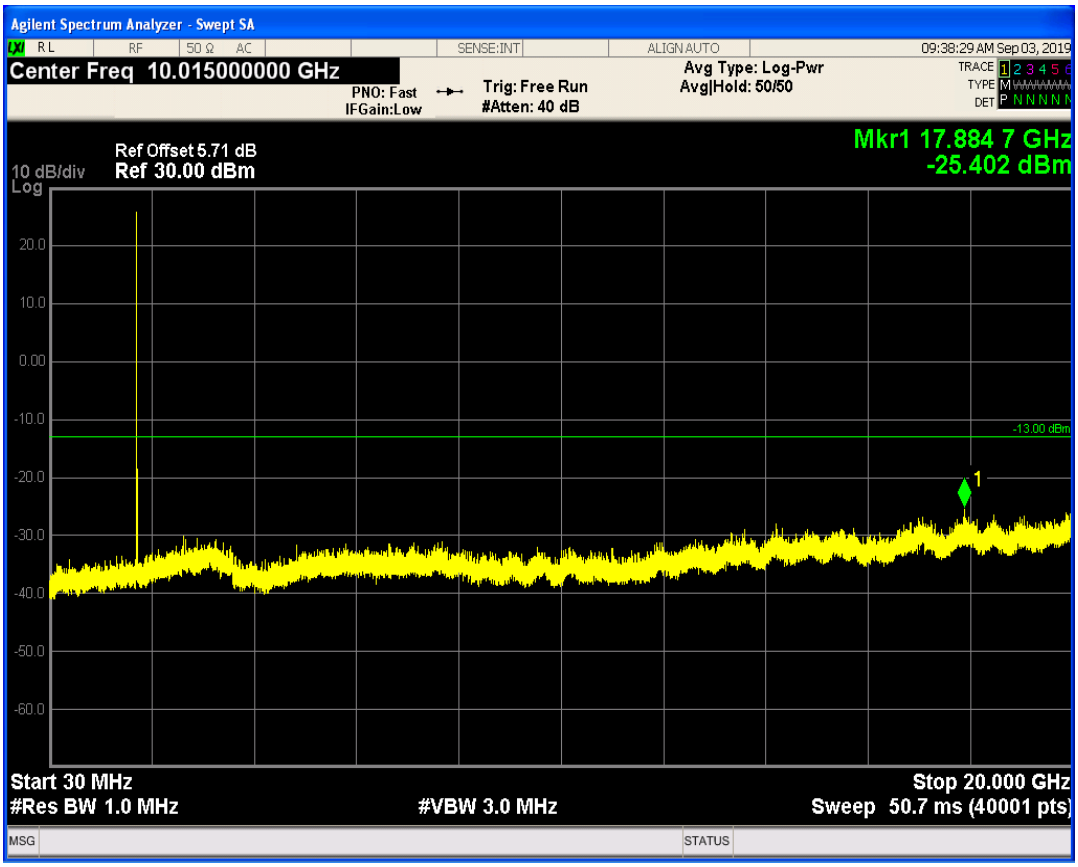
LTE Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



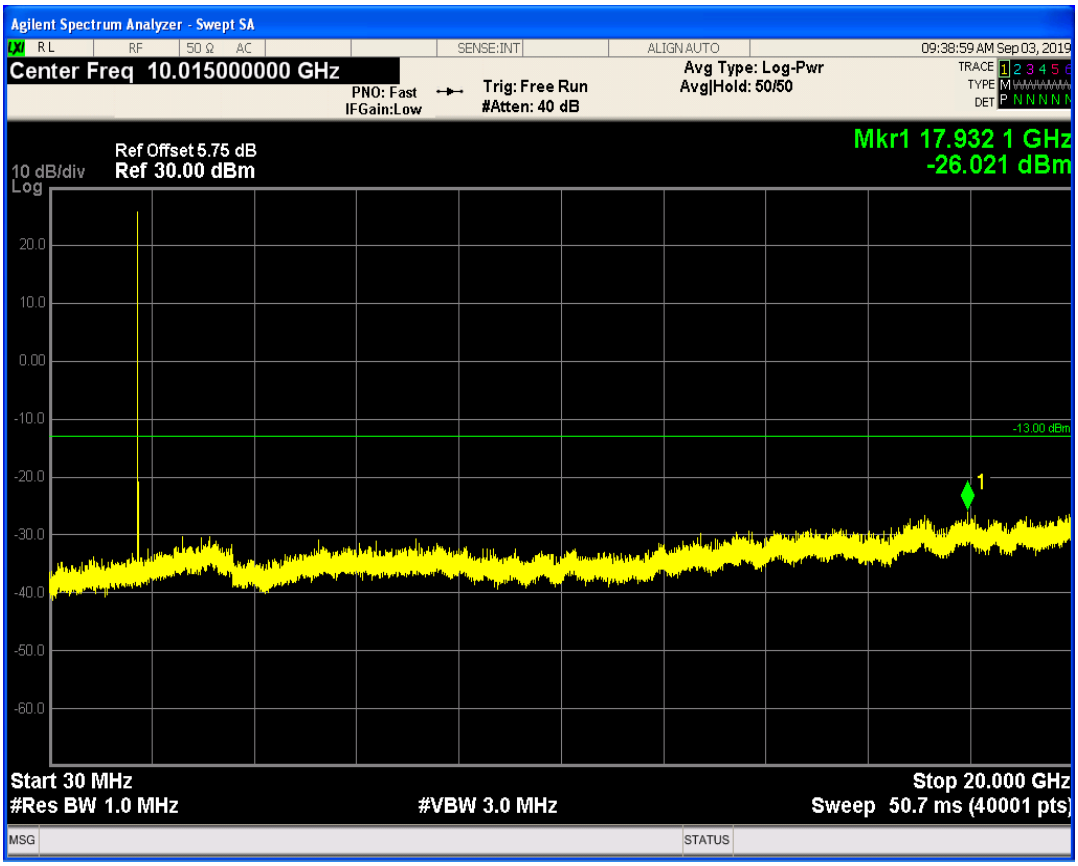
LTE Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



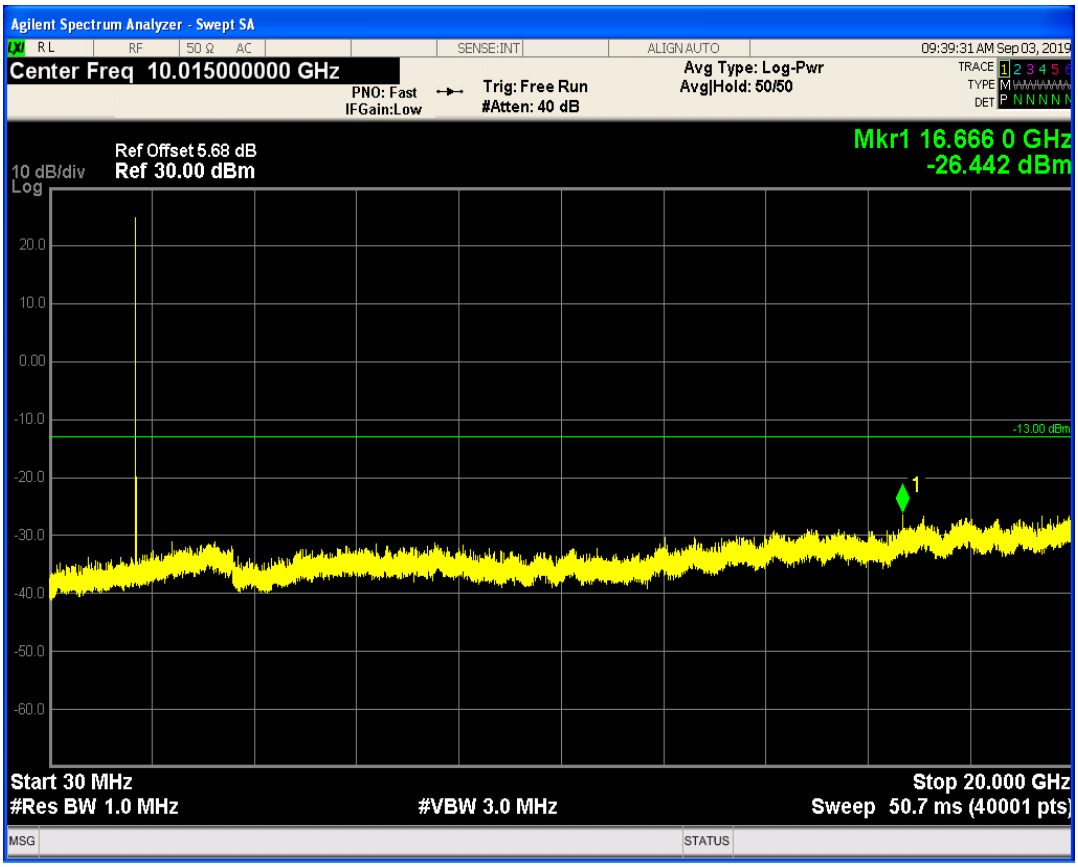
LTE Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



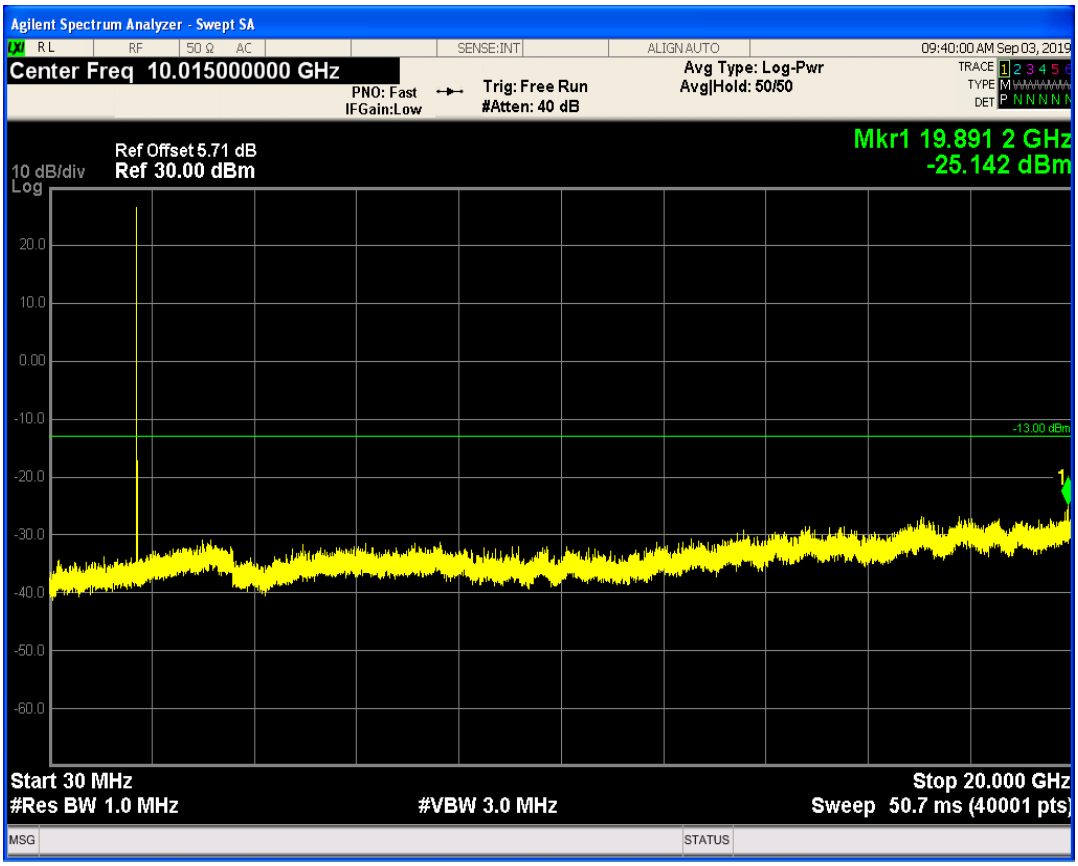
LTE Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



LTE Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



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



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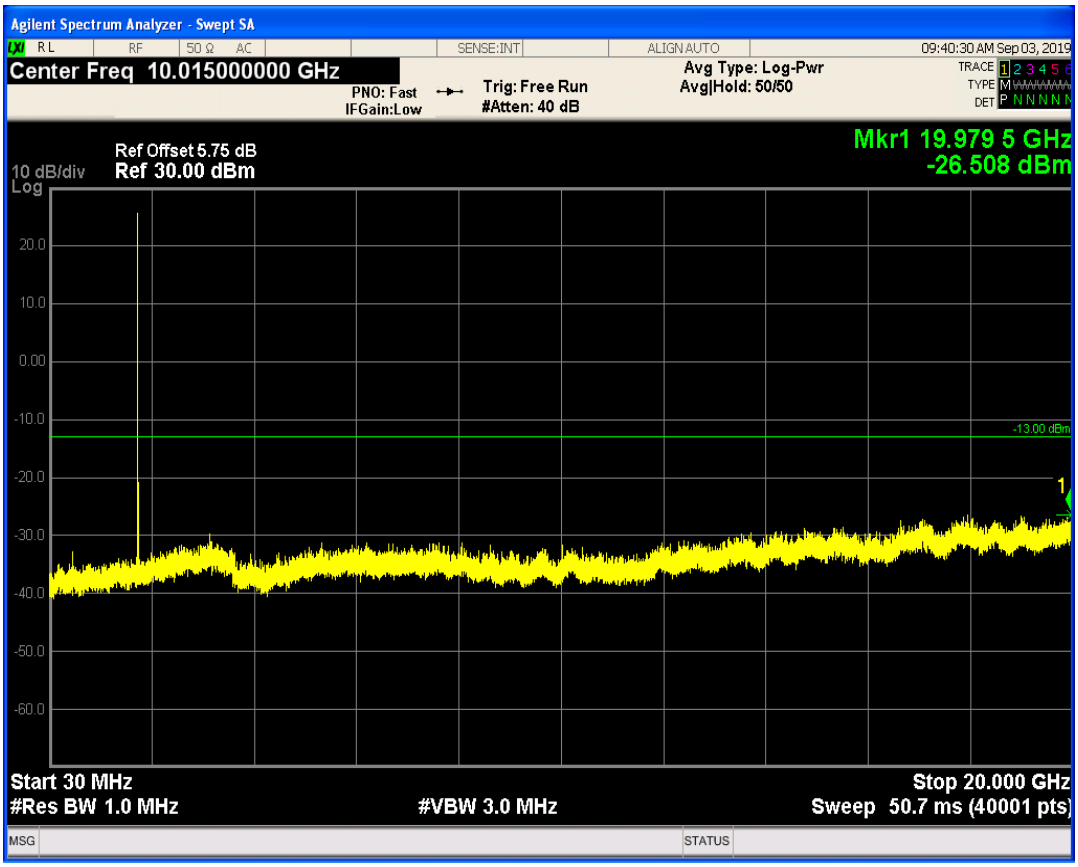
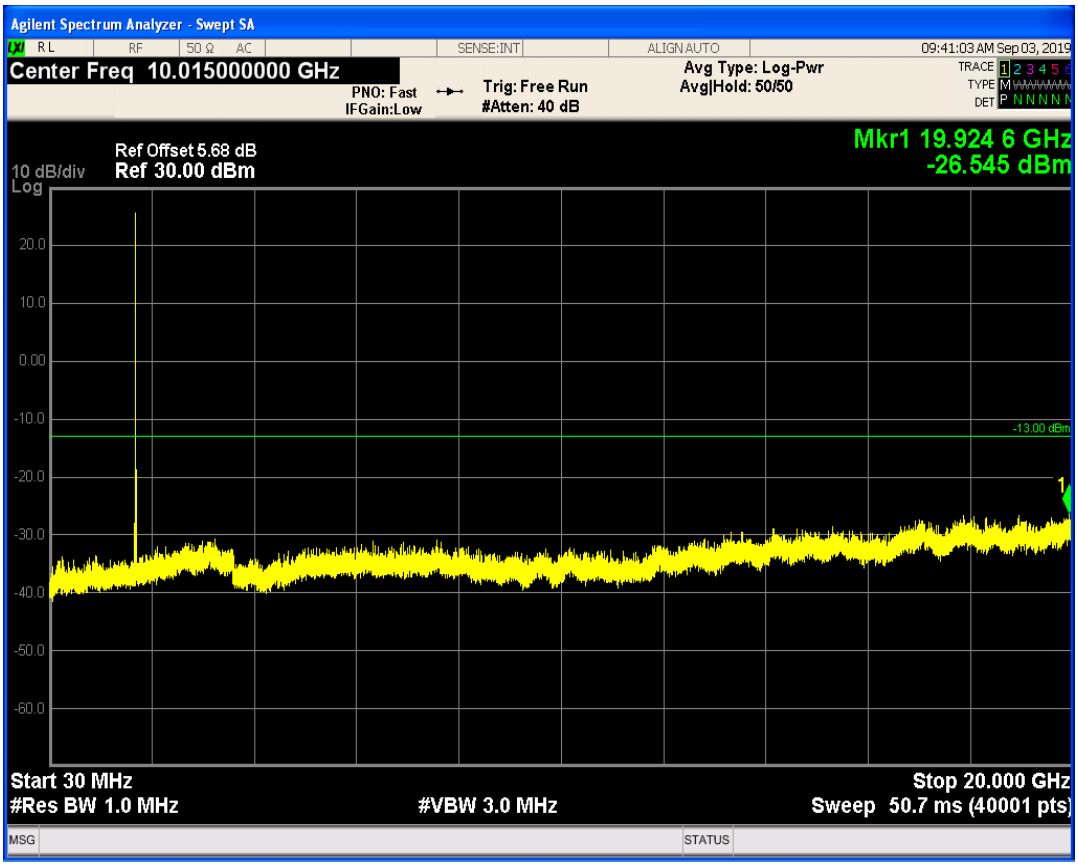
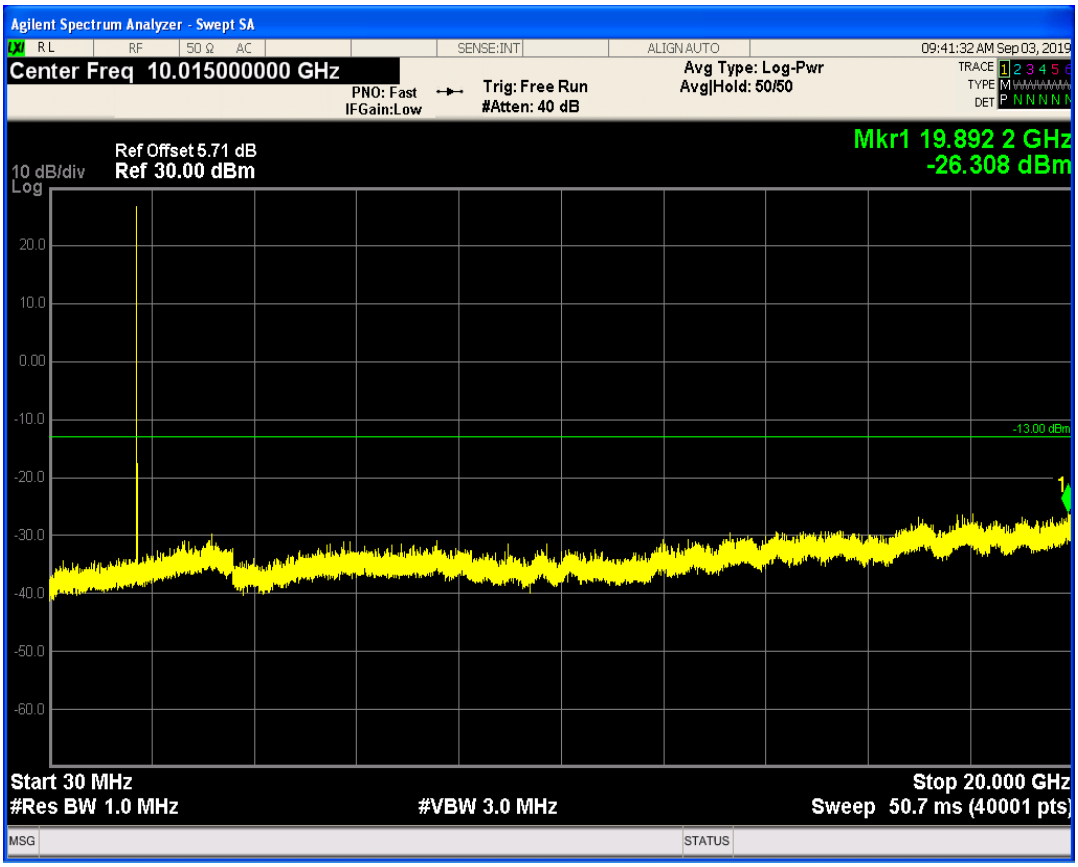


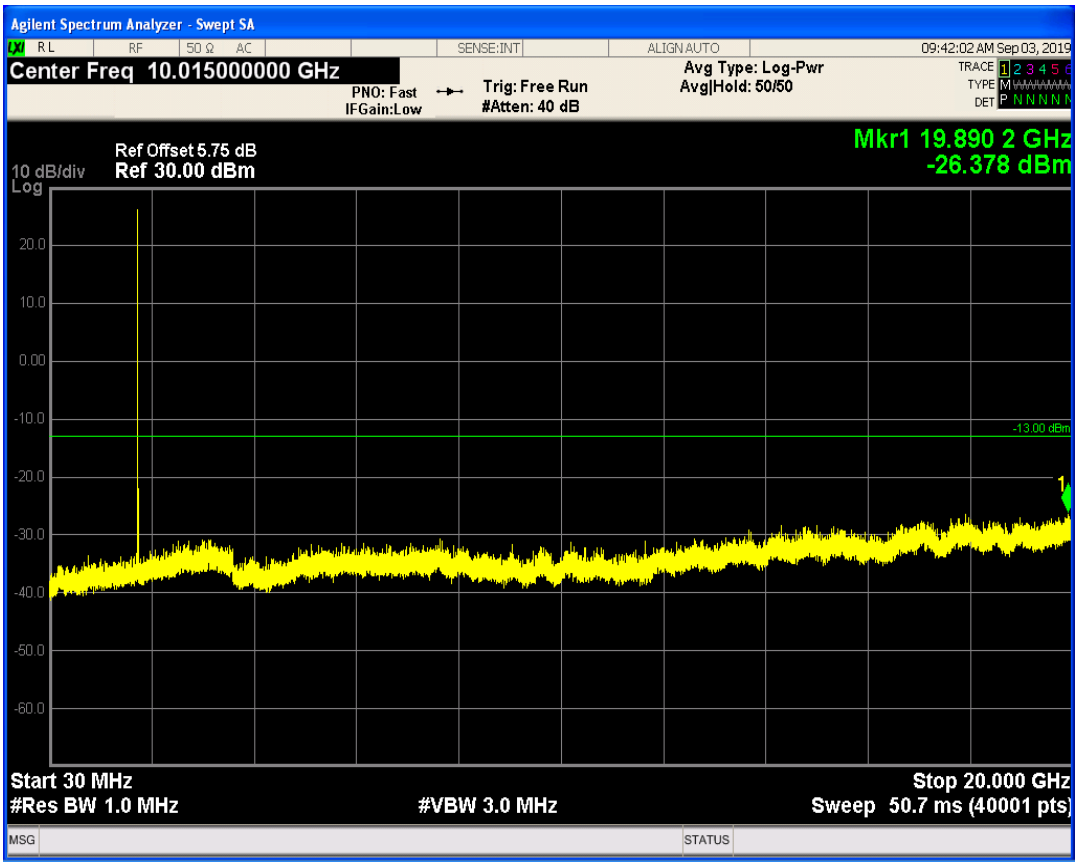
LTE Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



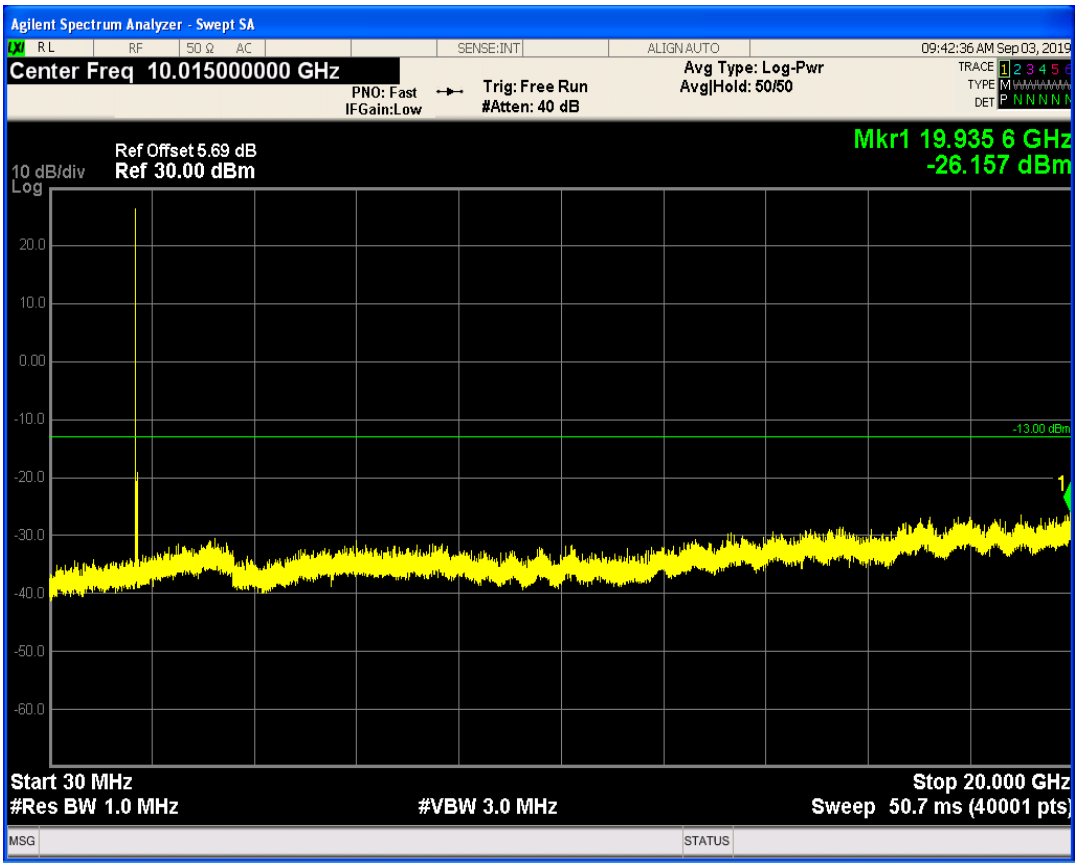
LTE Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



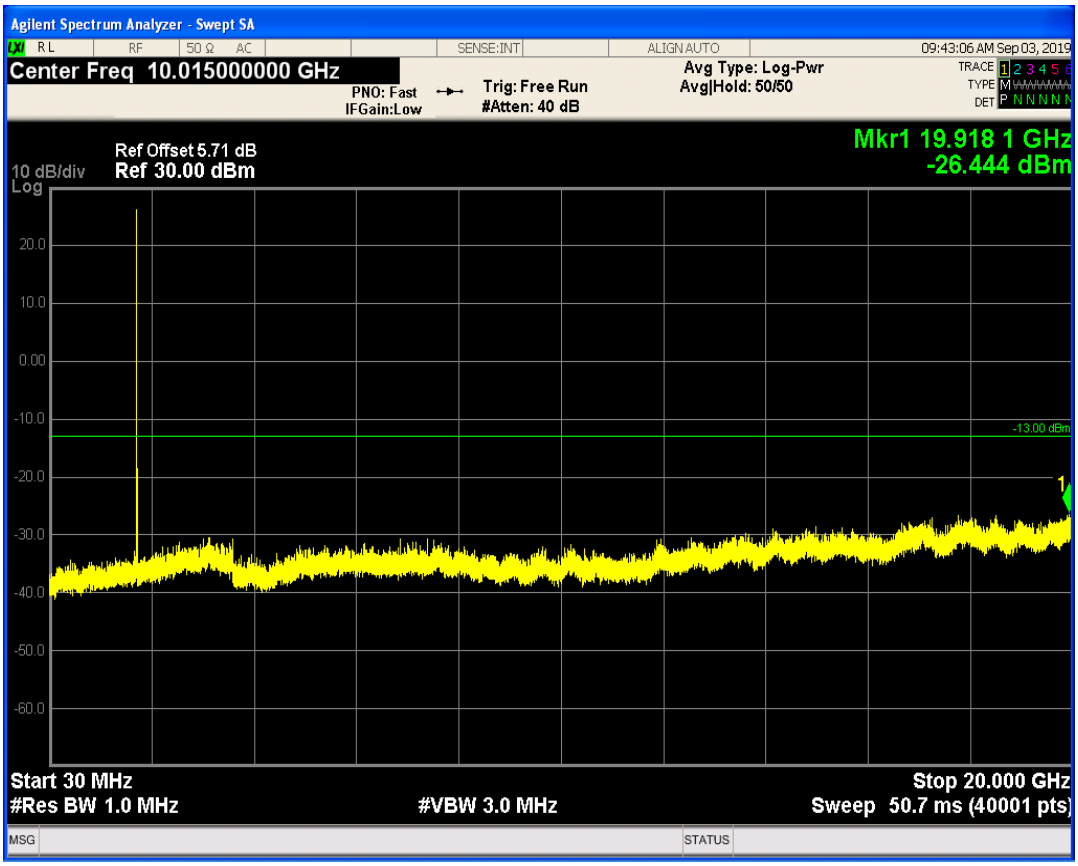
LTE Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



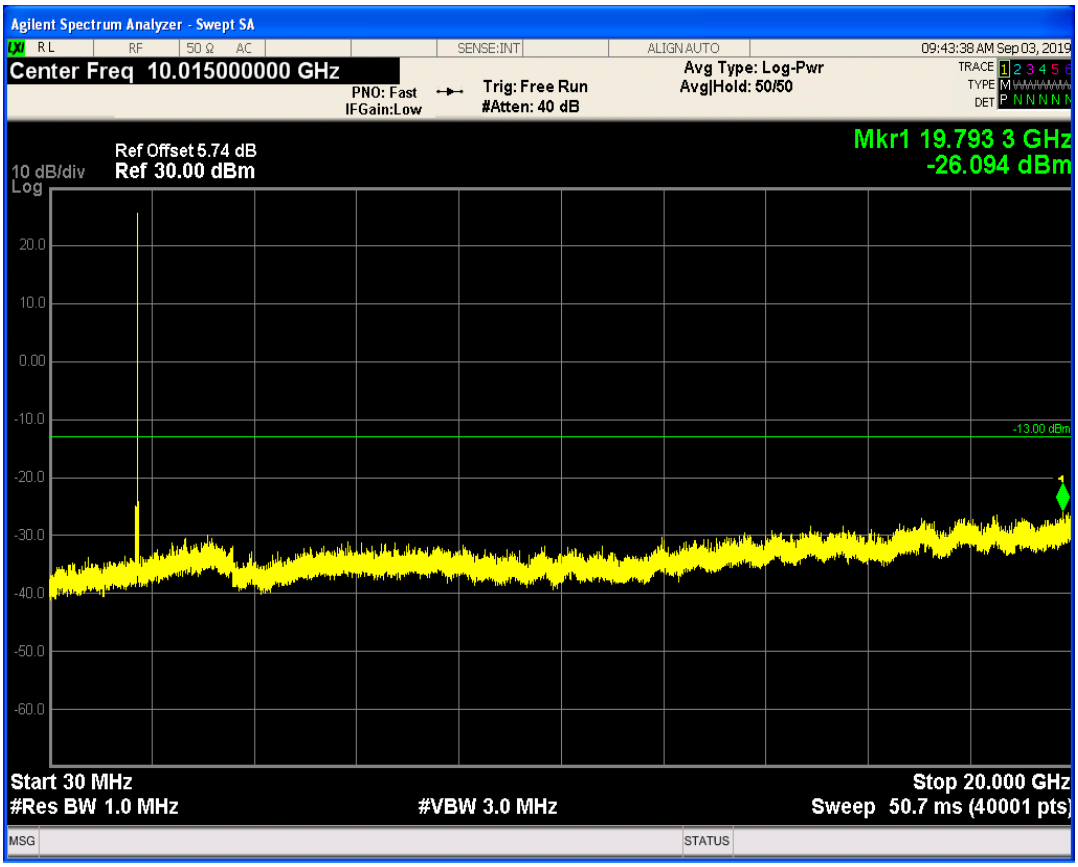
LTE Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



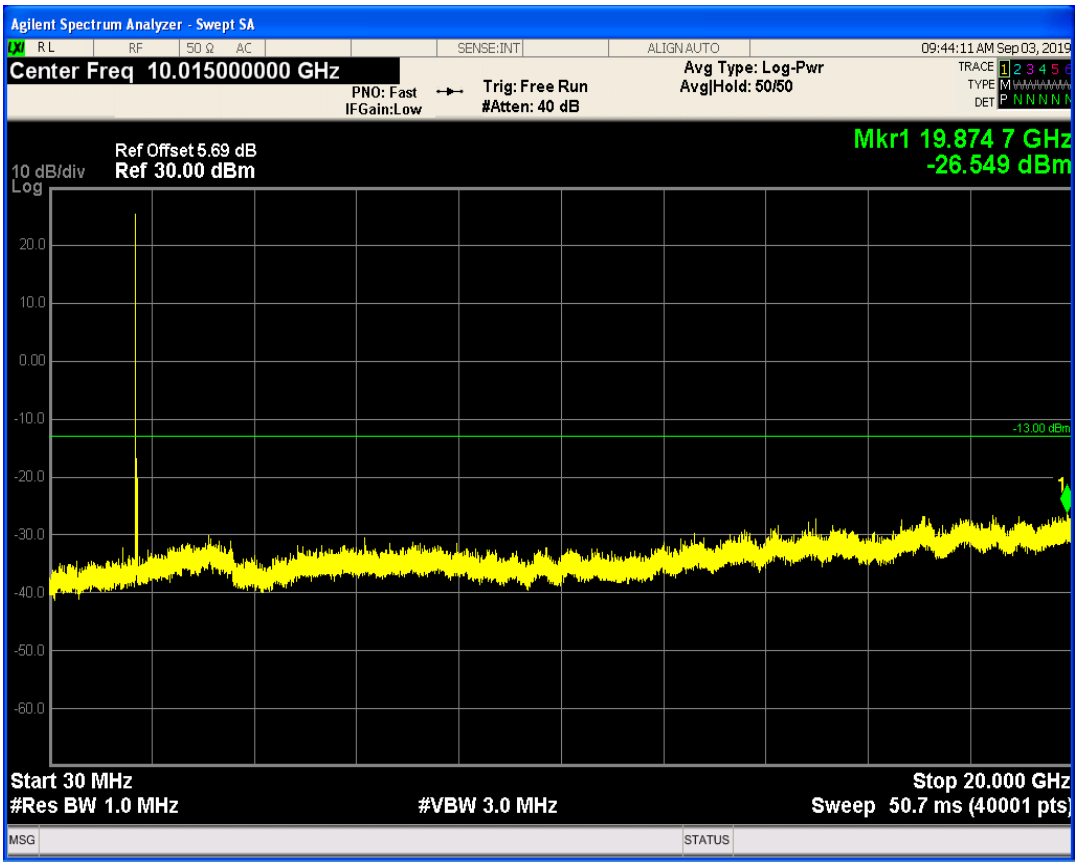
LTE Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



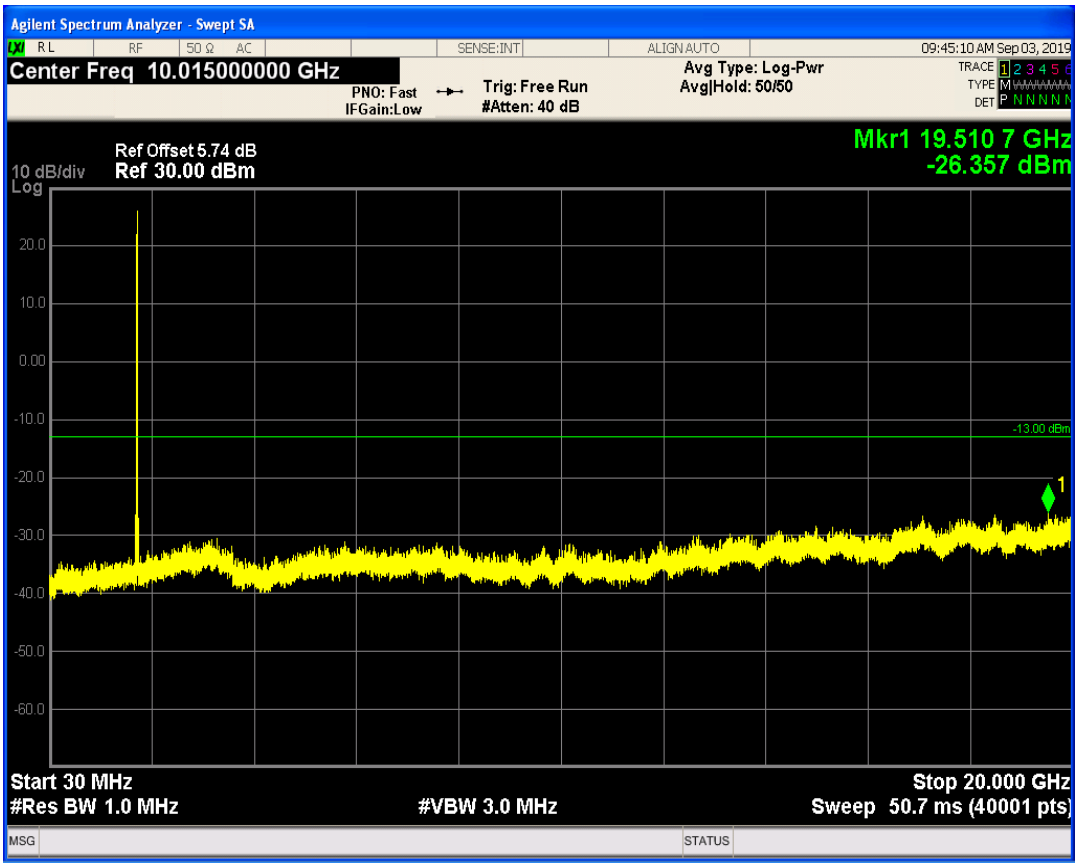
LTE Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



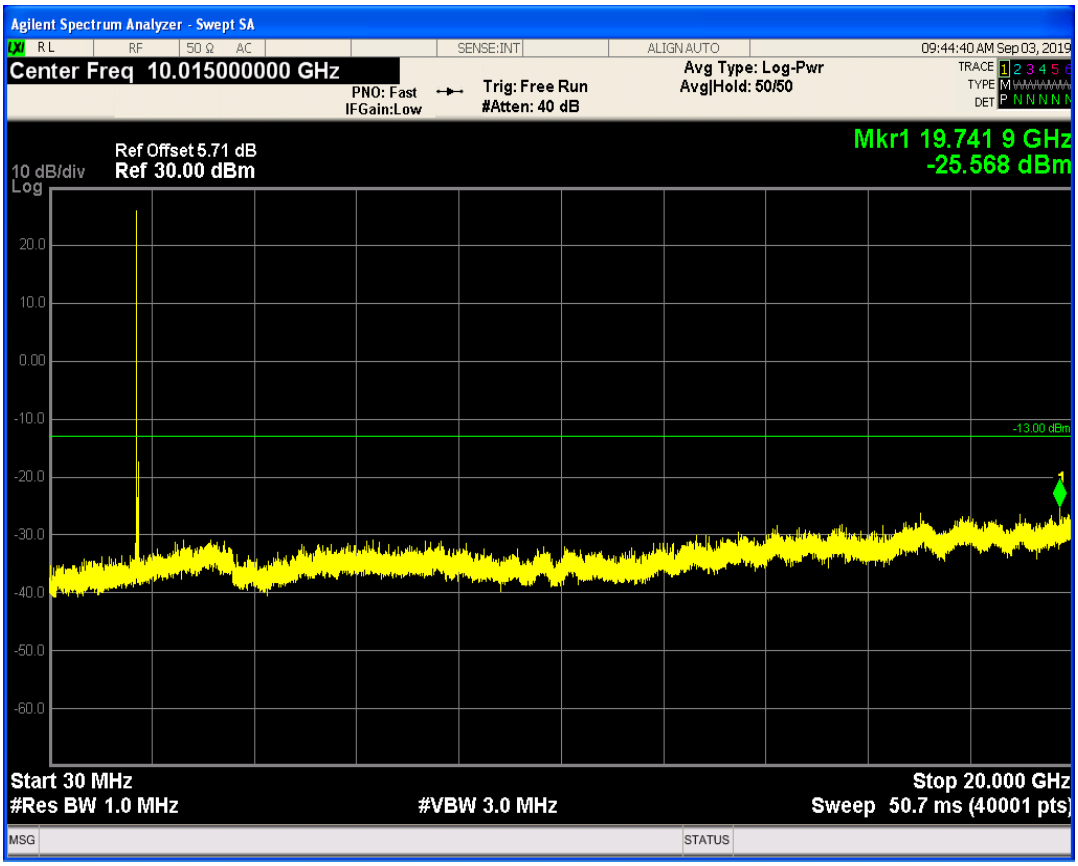
LTE Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



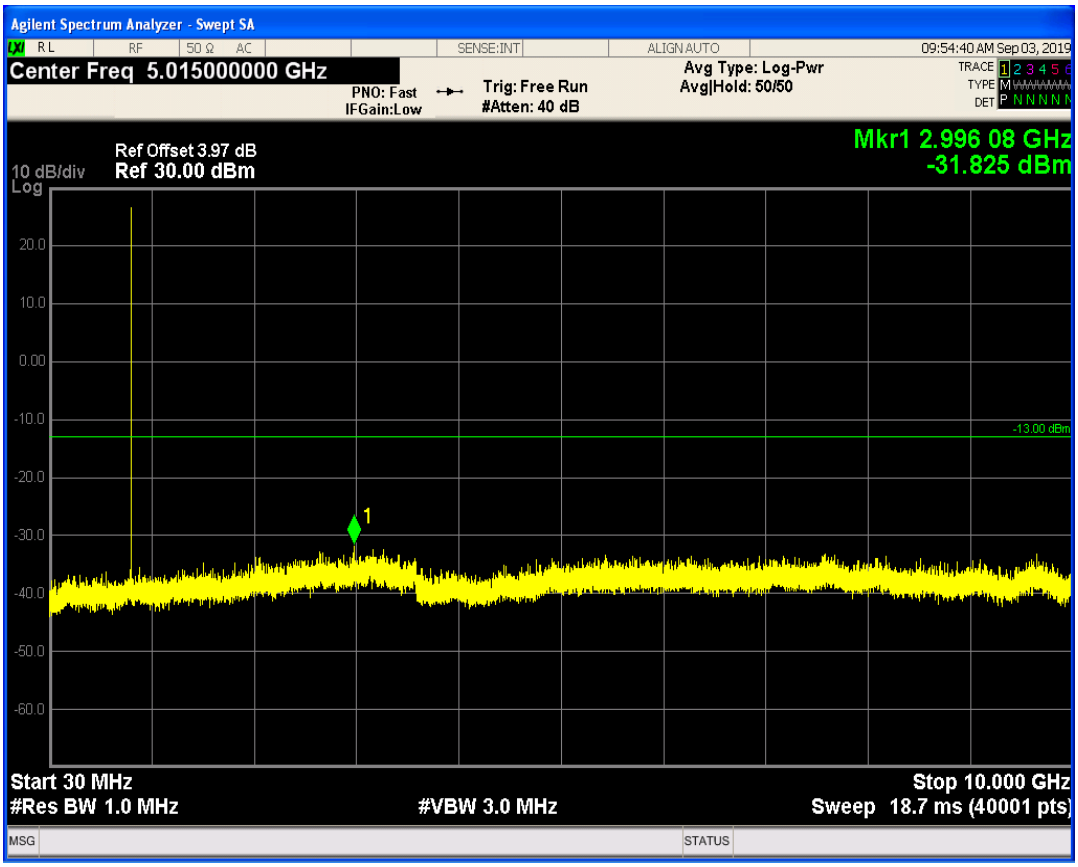
LTE Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



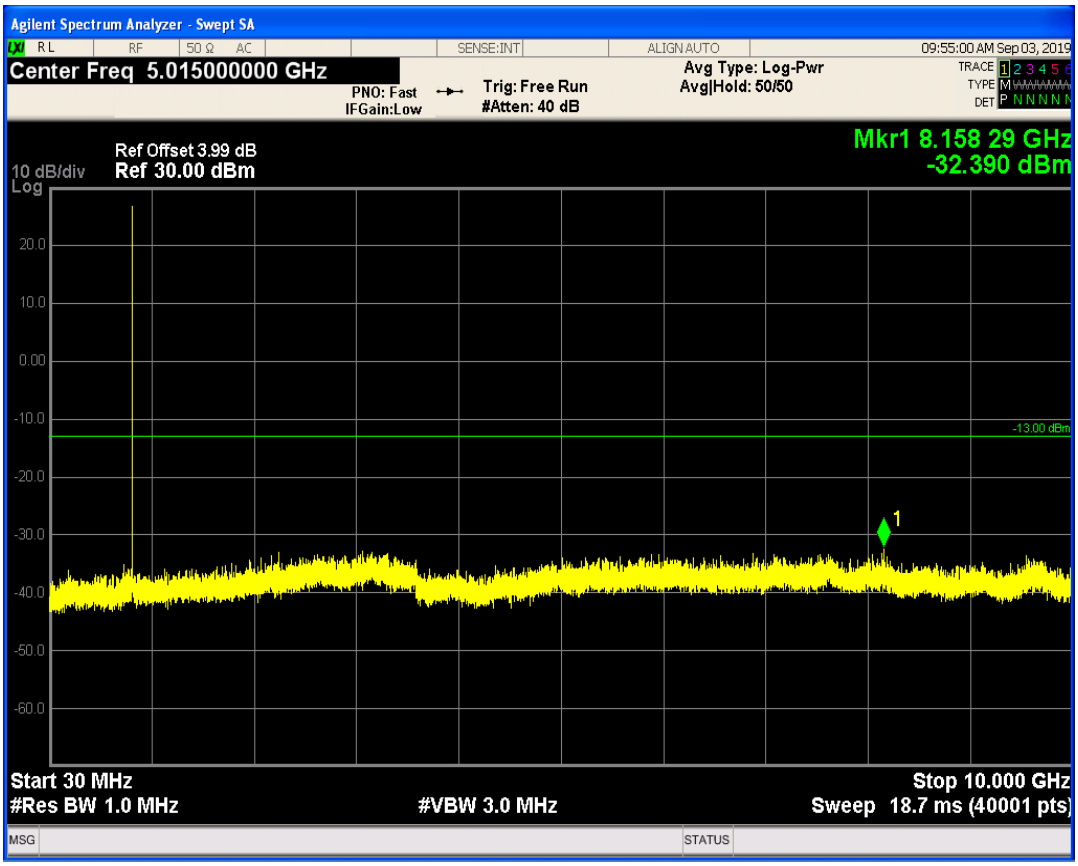
LTE Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



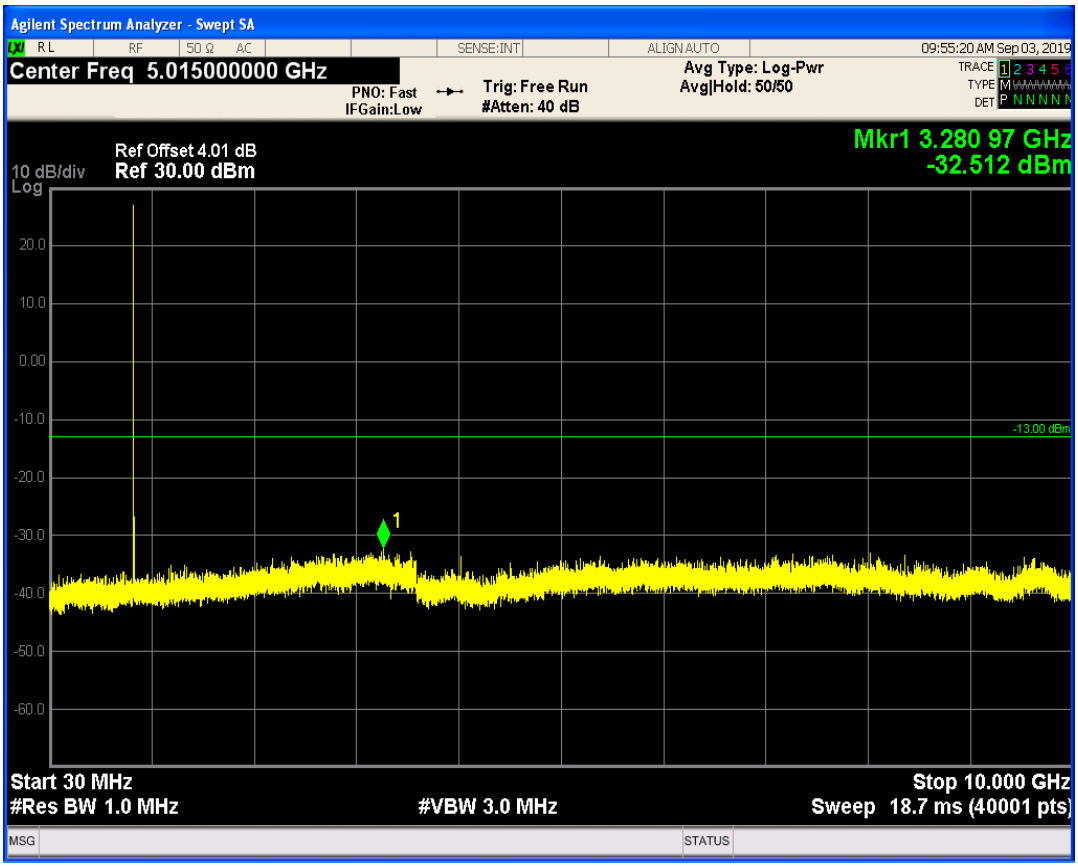
LTE Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



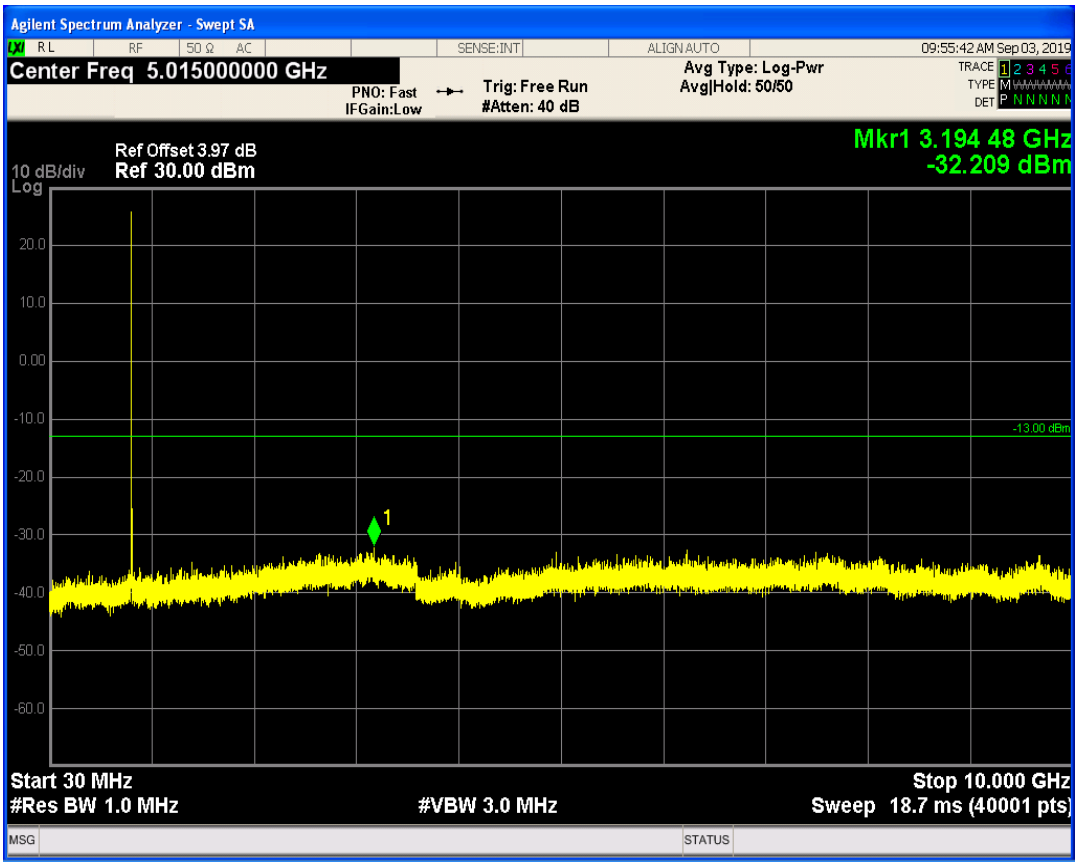
LTE Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



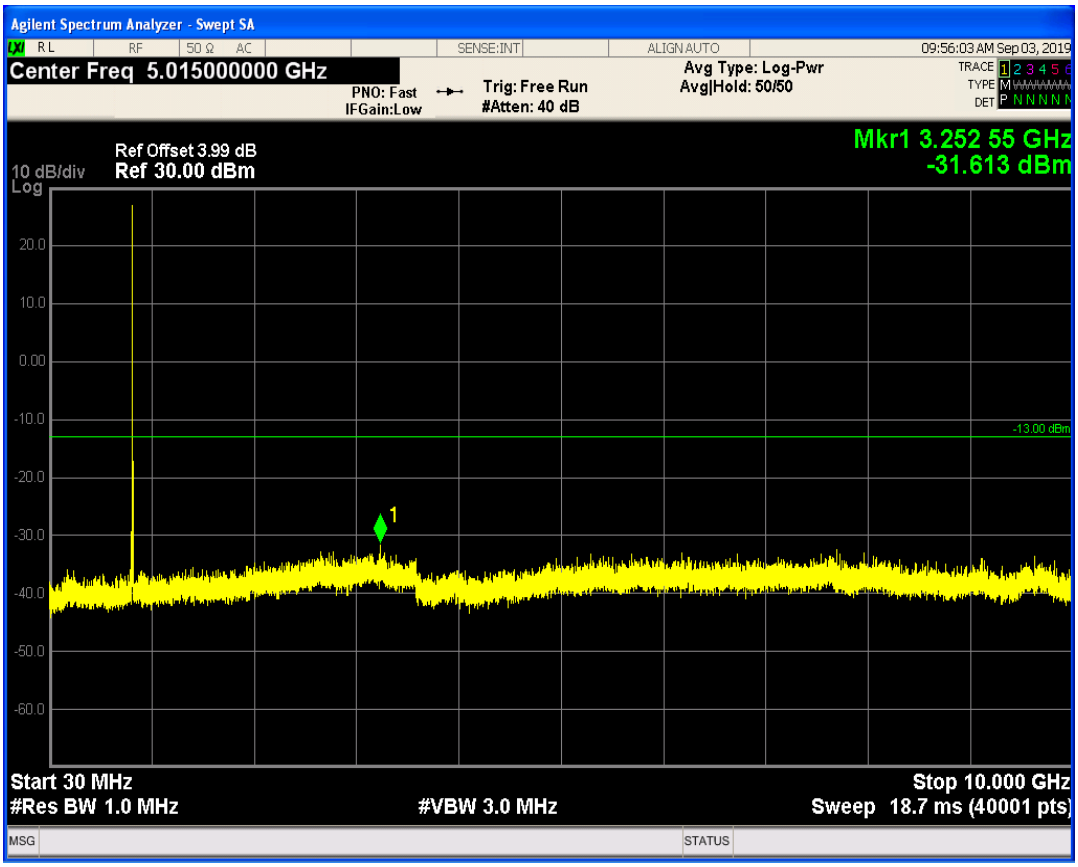
LTE Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



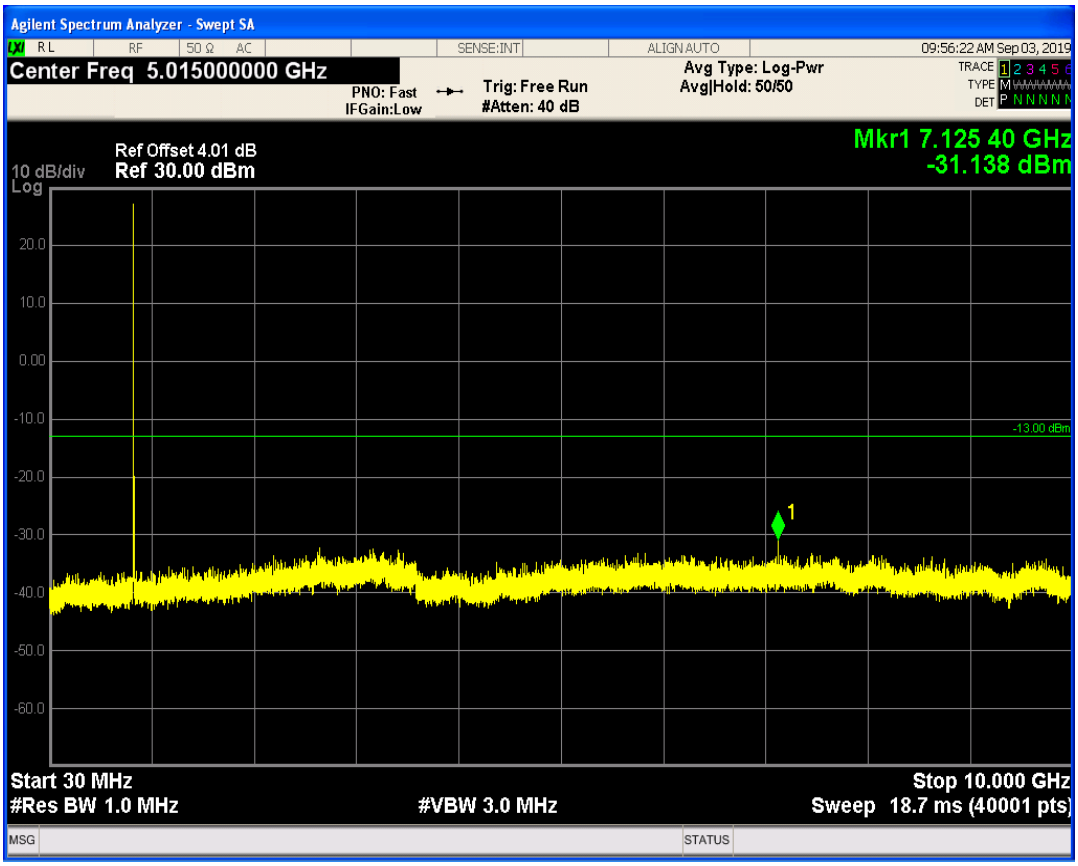
LTE Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



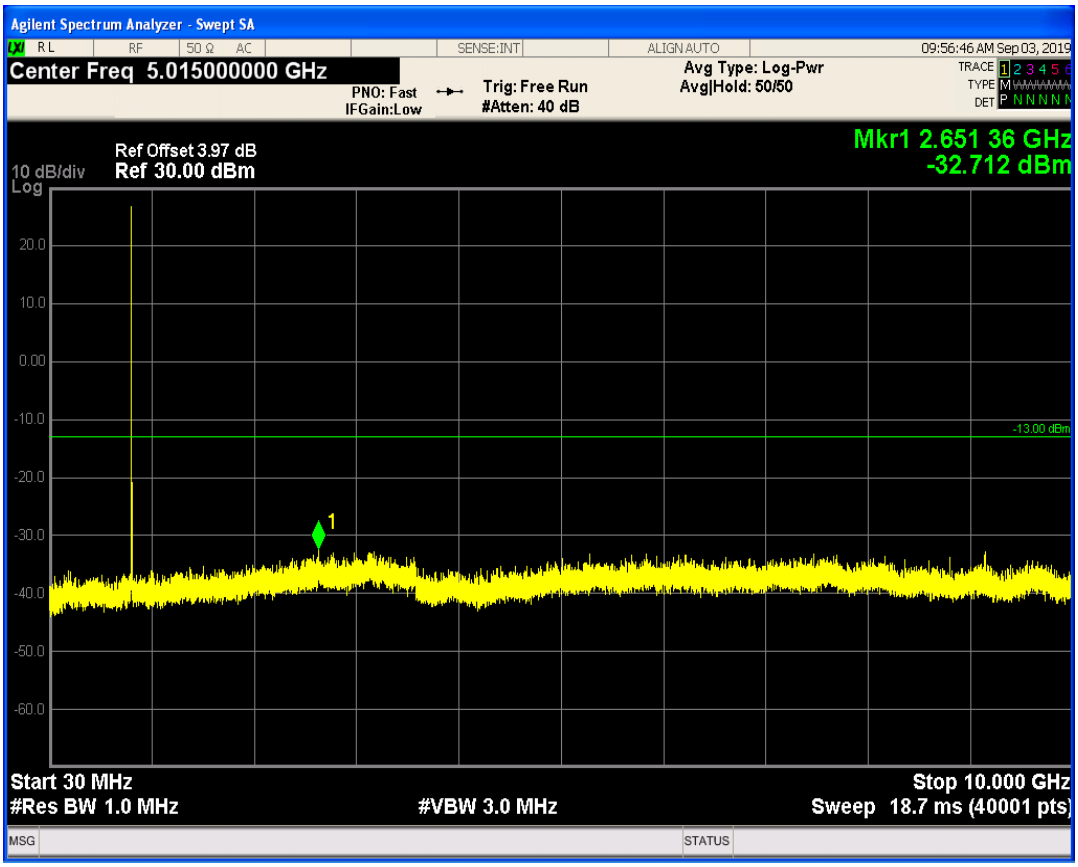
LTE Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



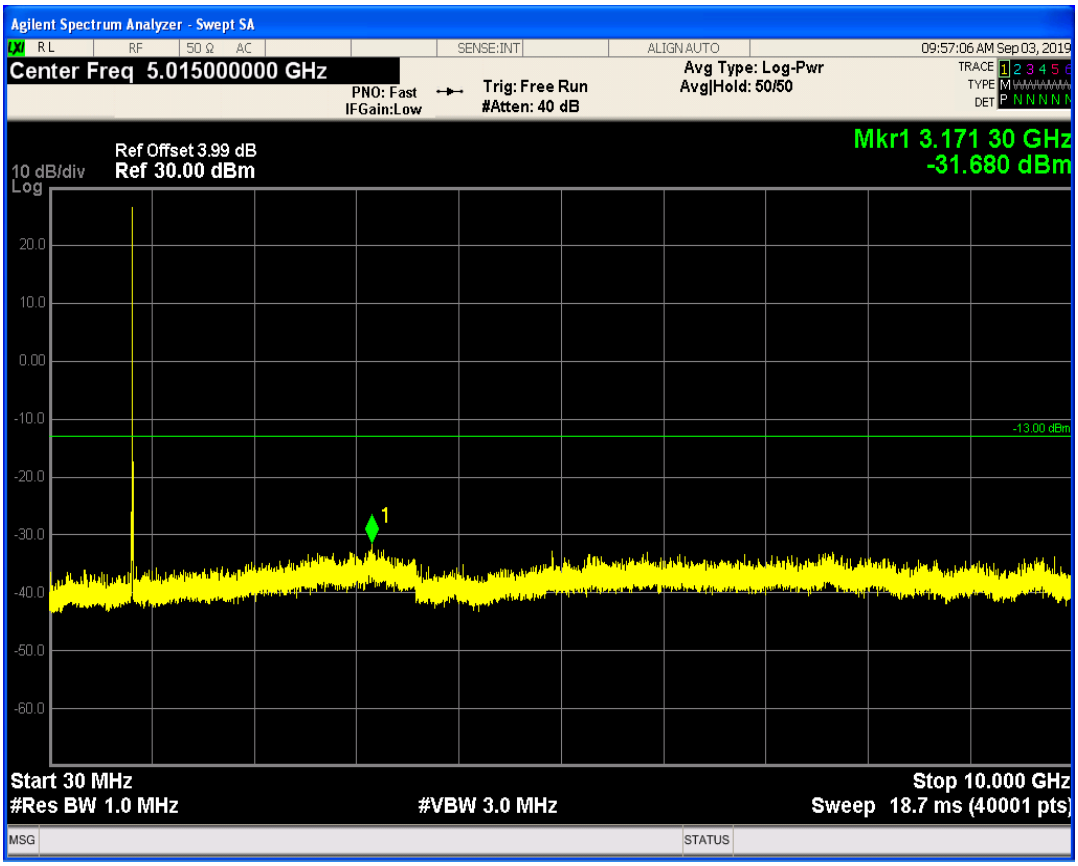
LTE Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



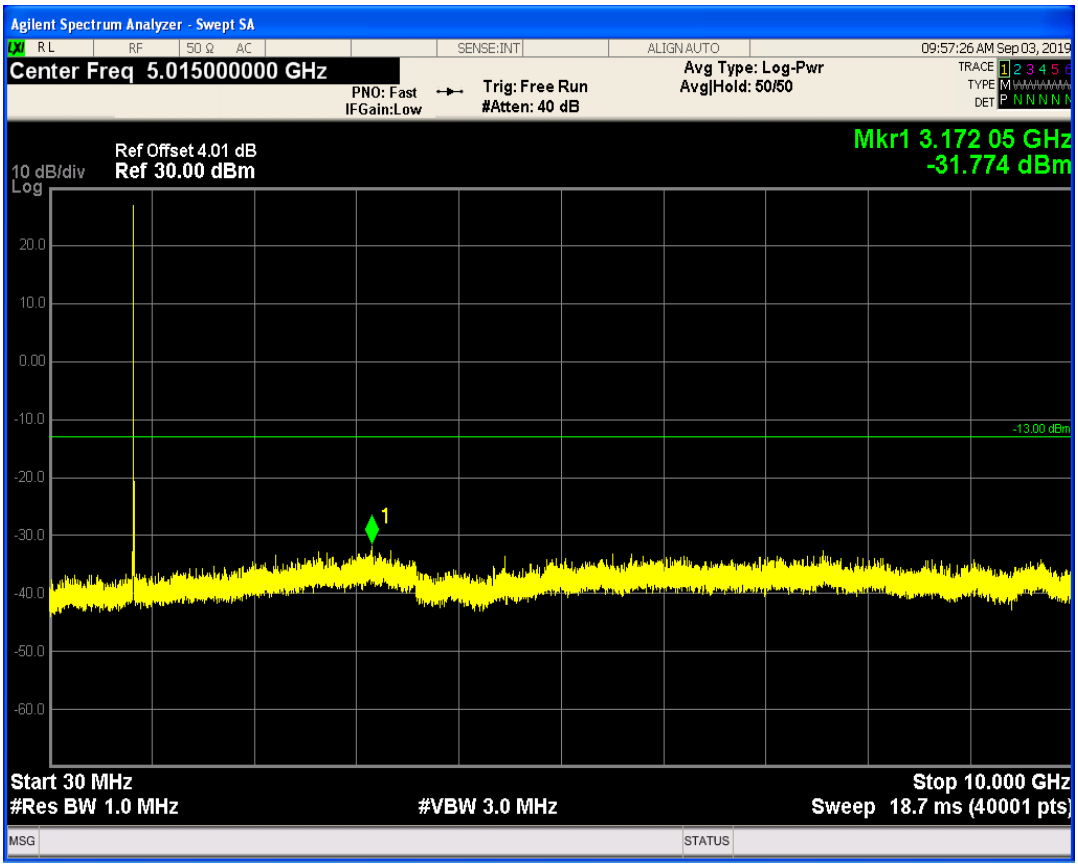
LTE Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



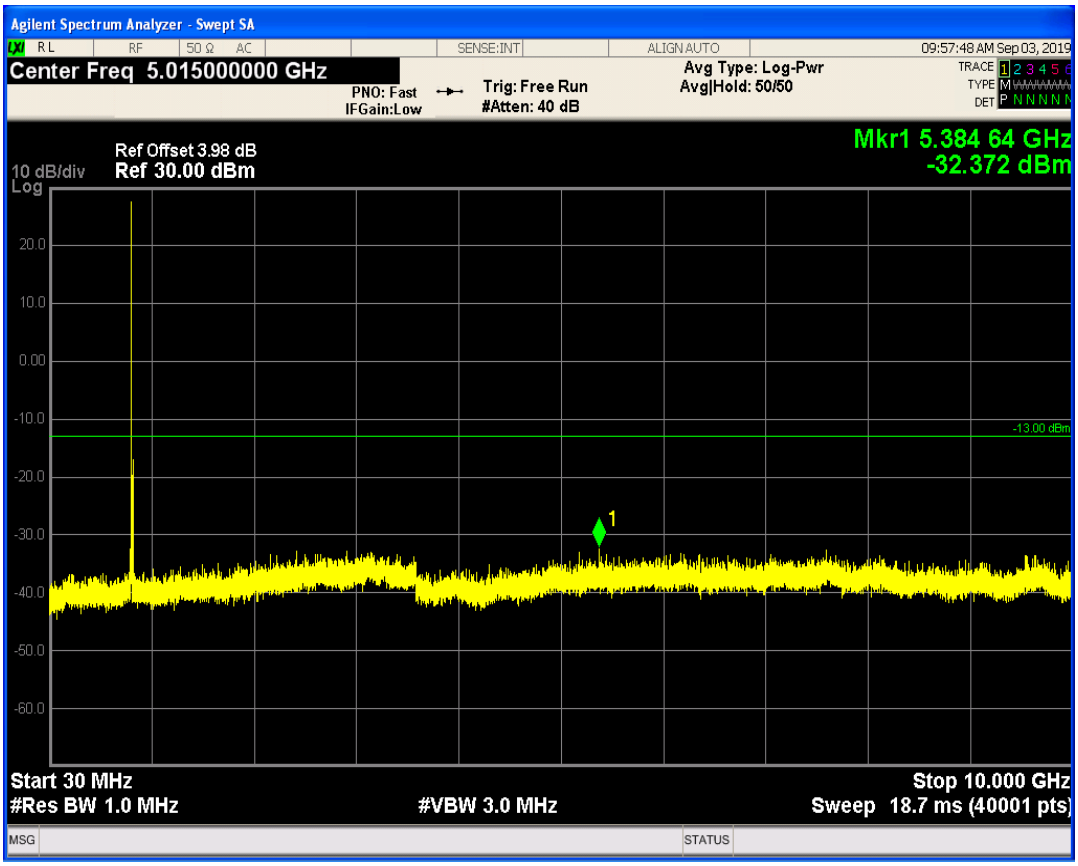
LTE Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



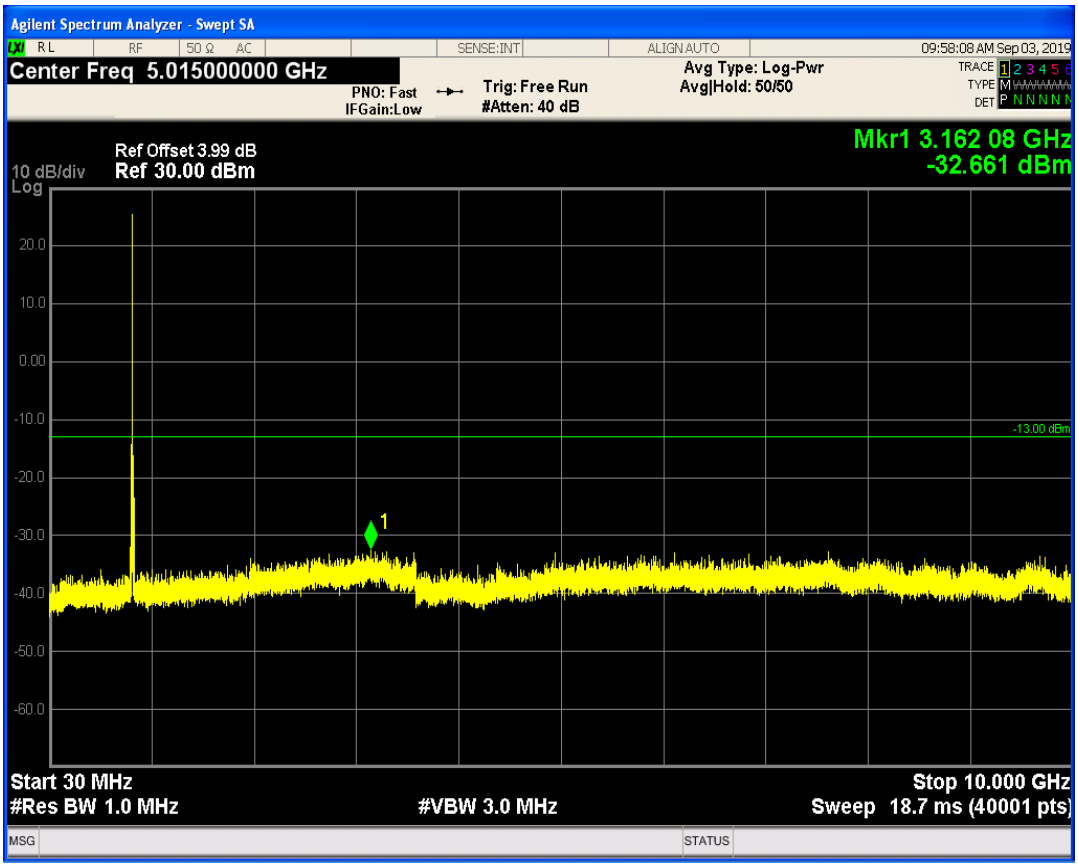
LTE Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



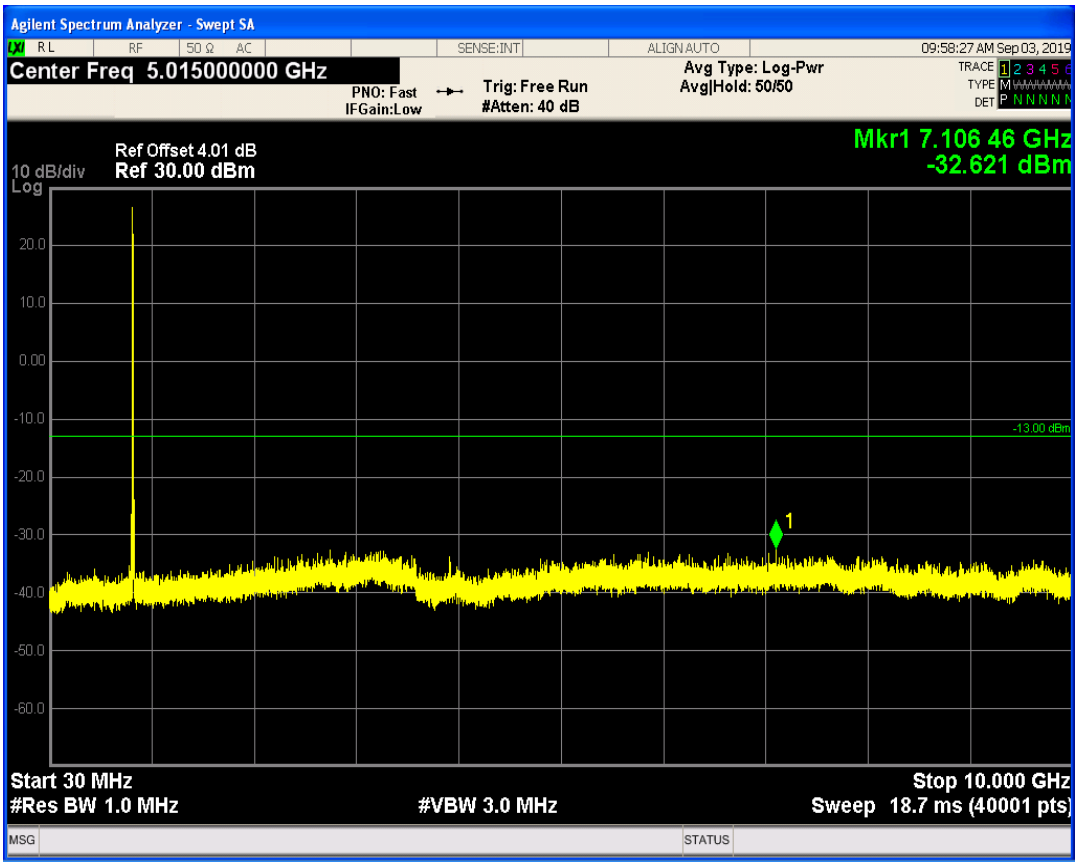
LTE Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



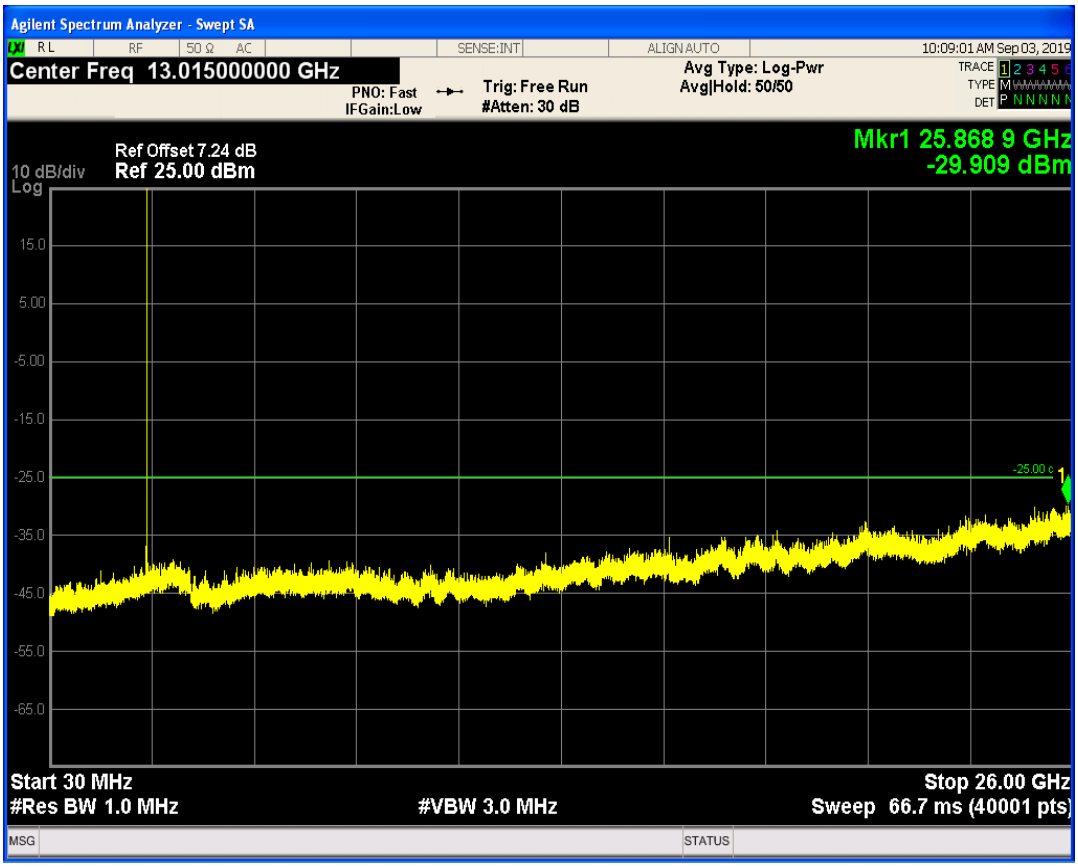
LTE Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



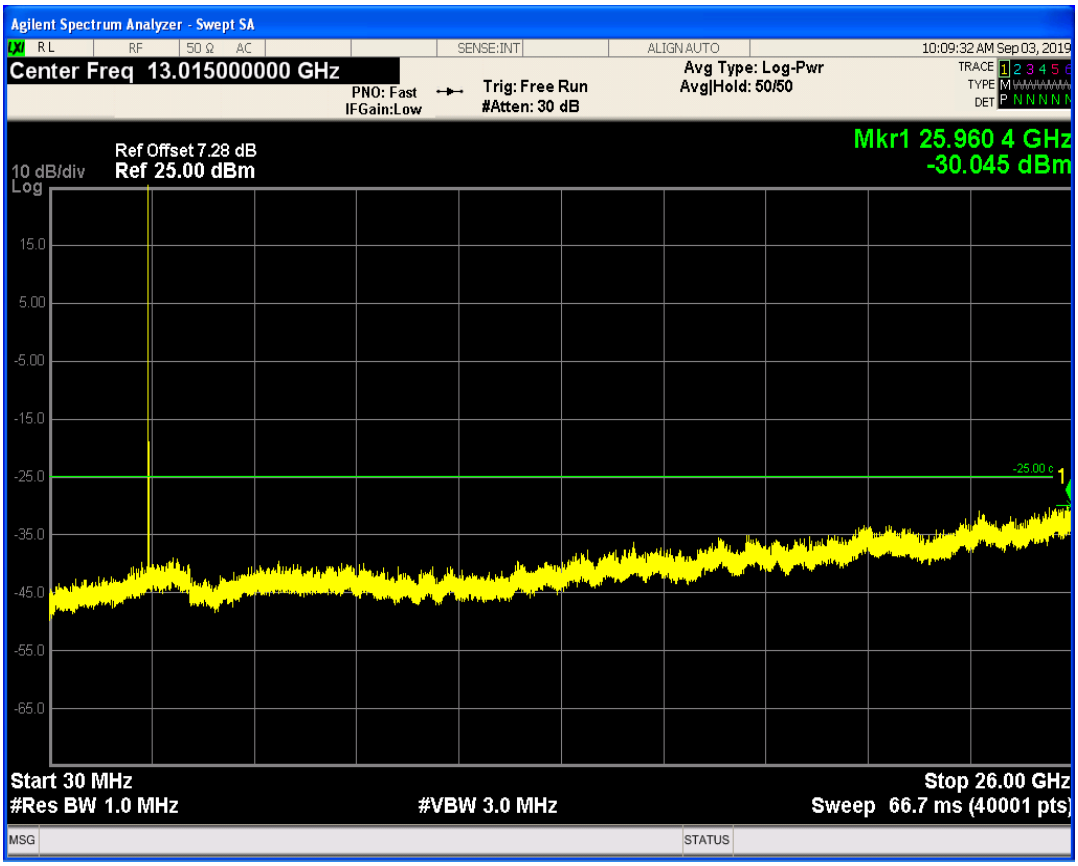
LTE Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



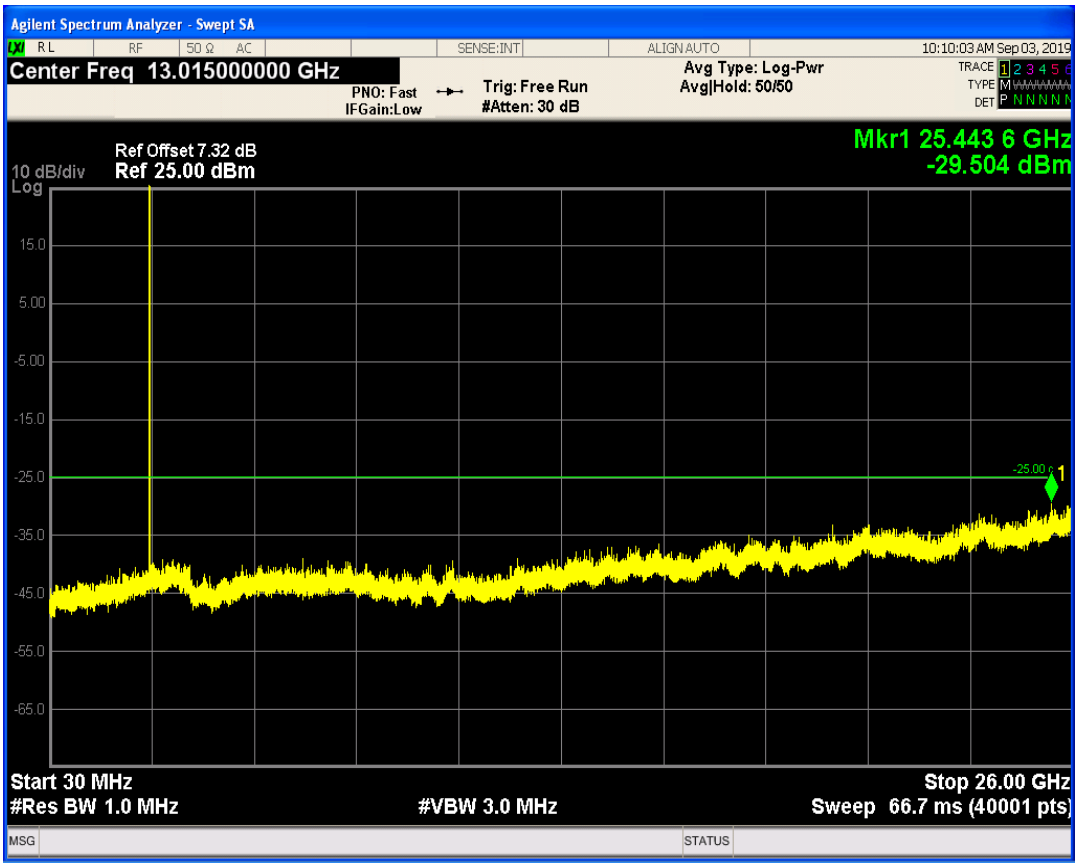
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



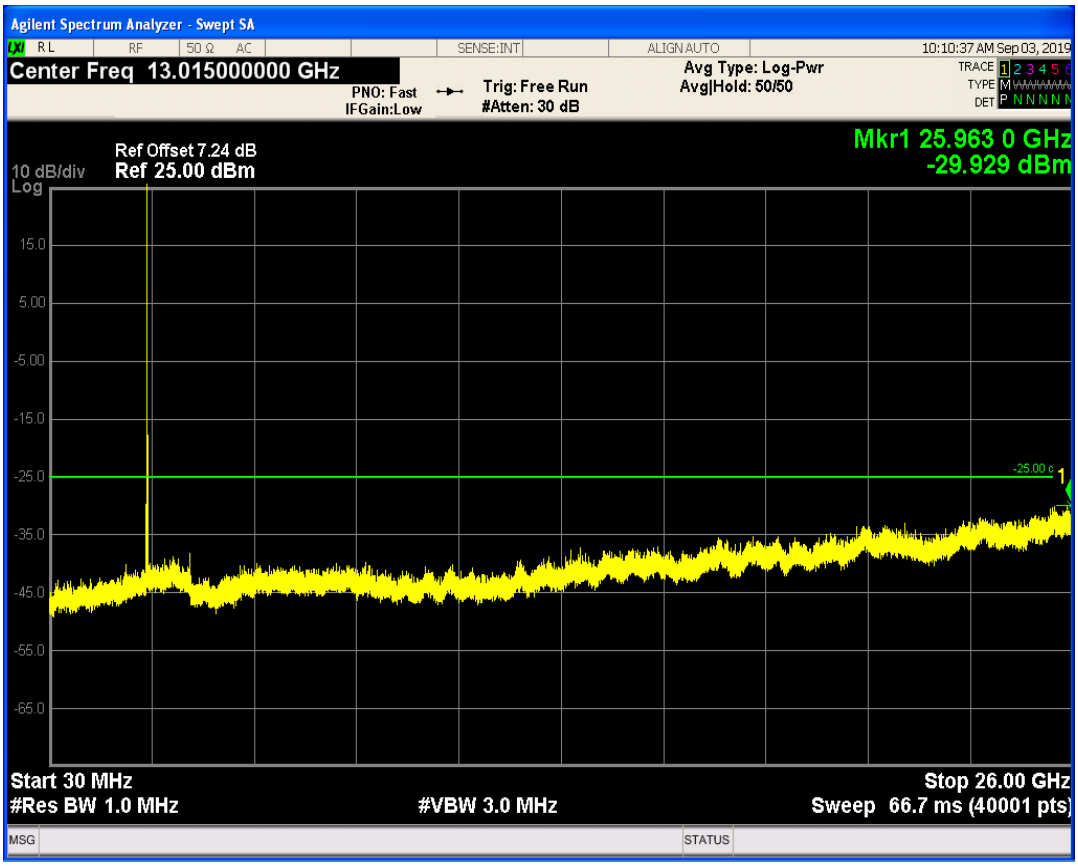
LTE Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



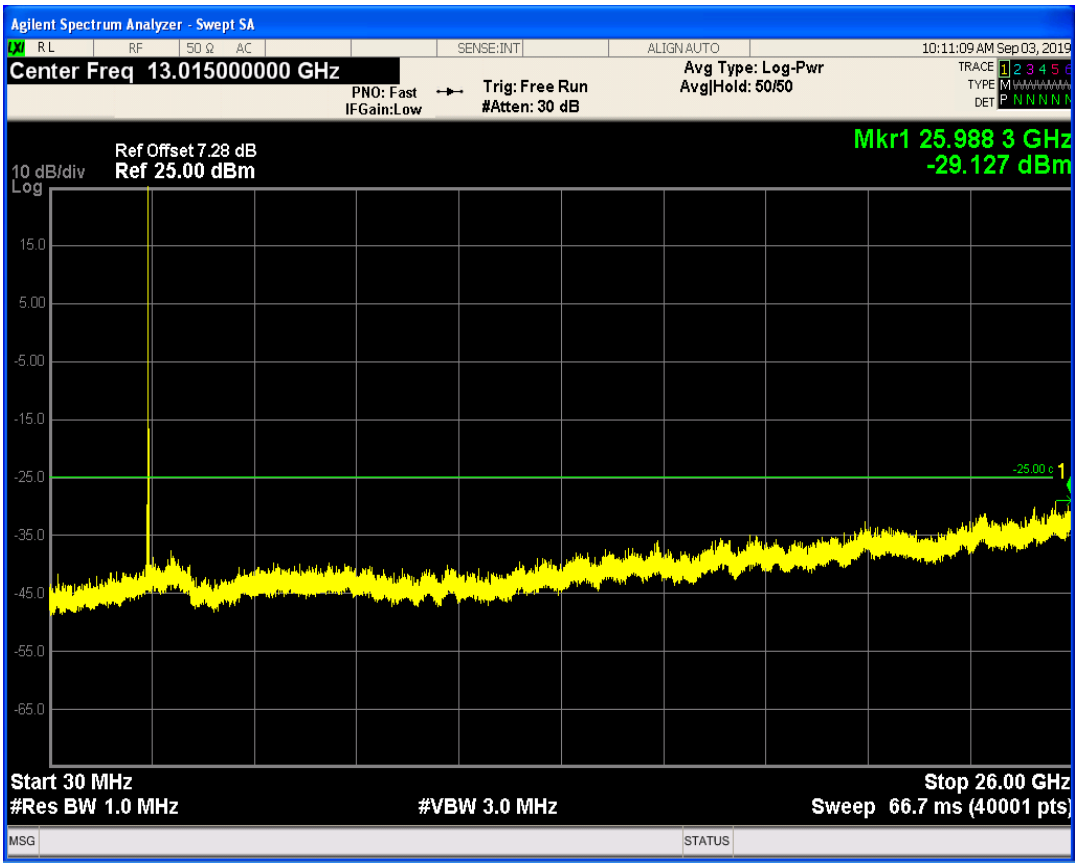
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



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



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



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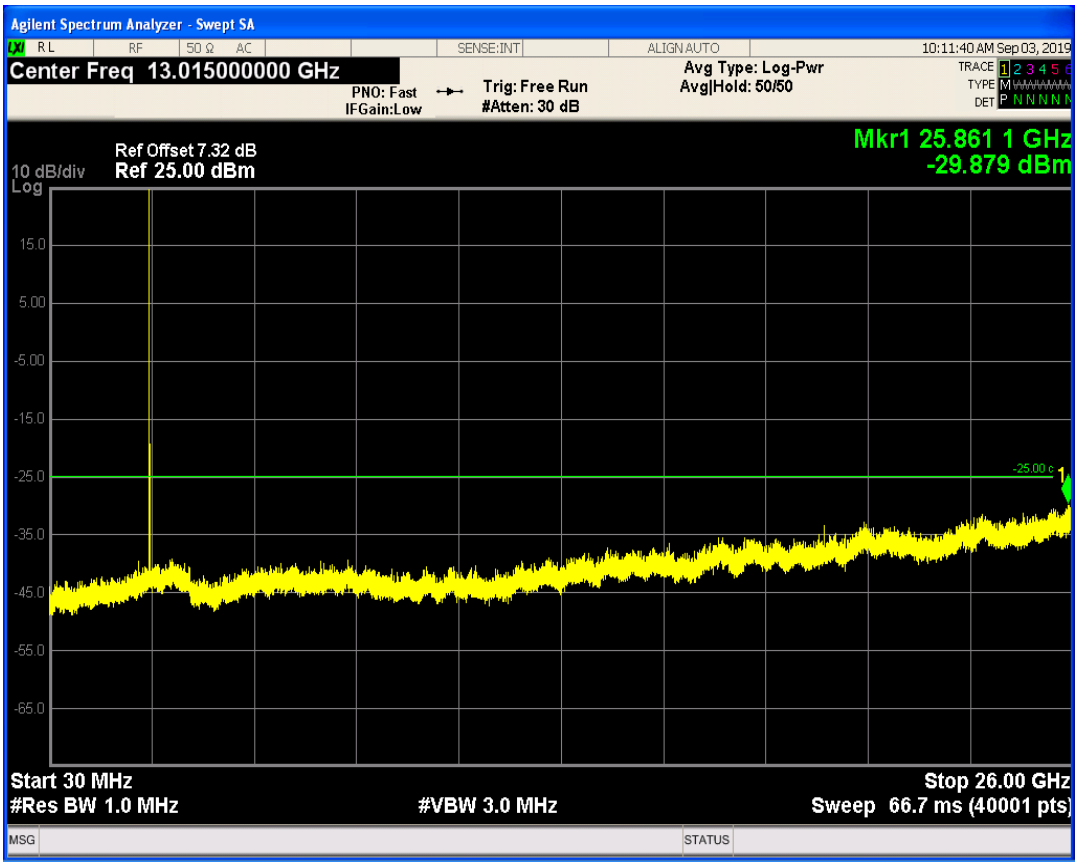
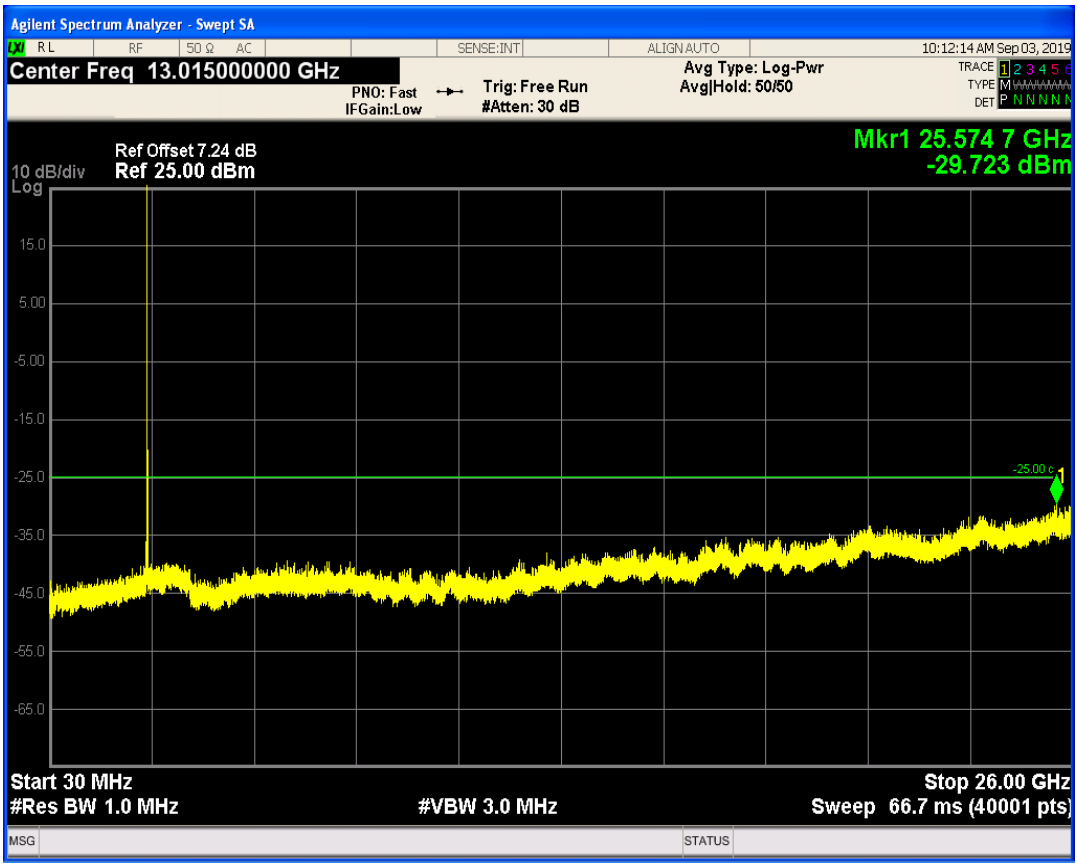
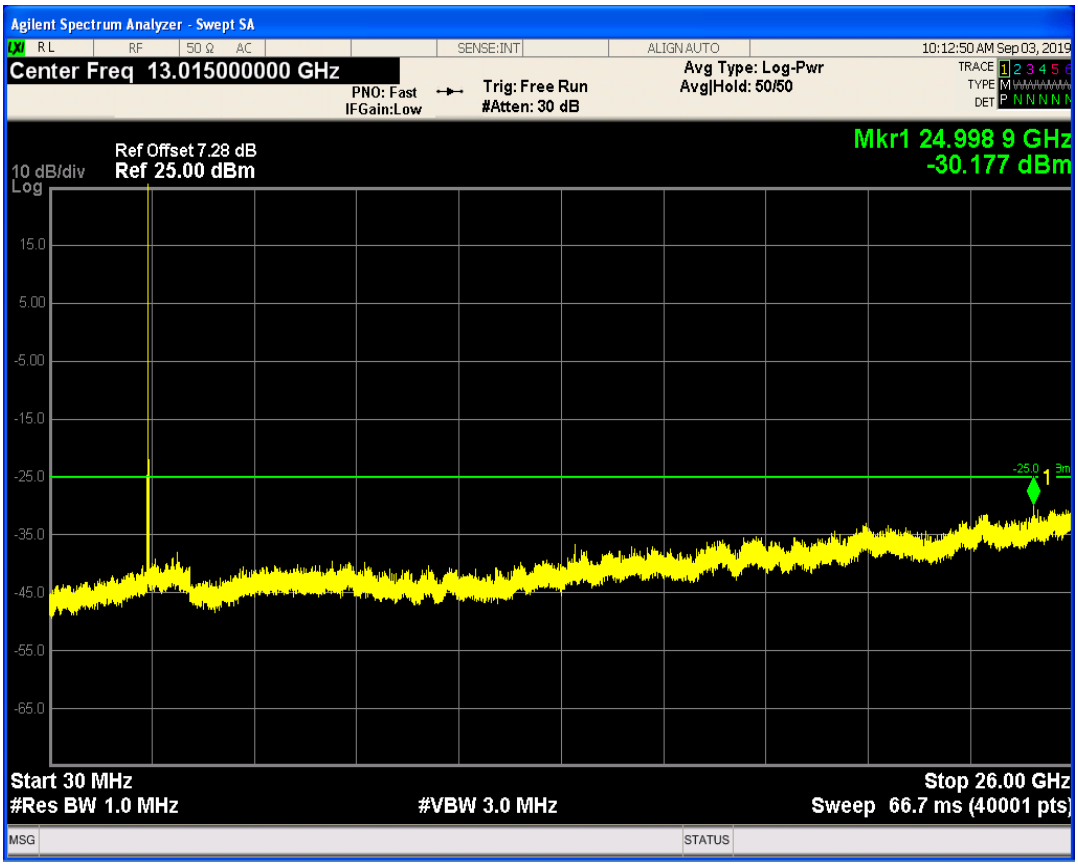


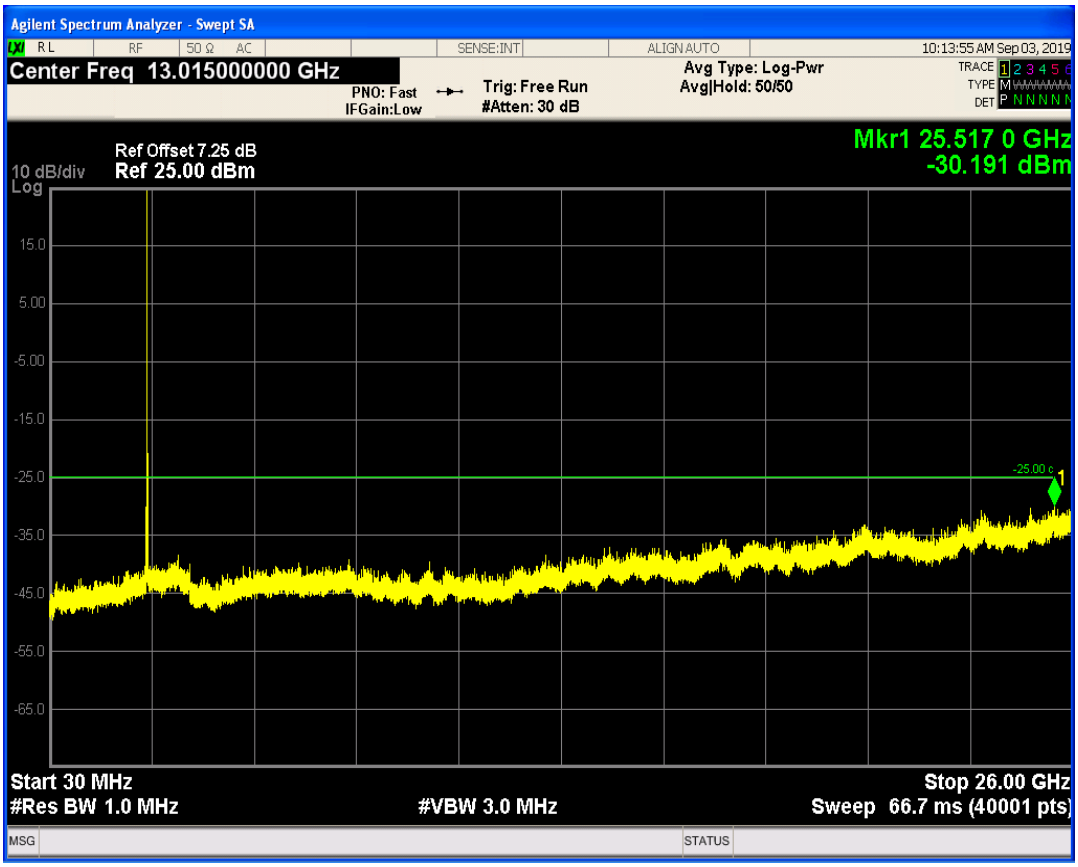
LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



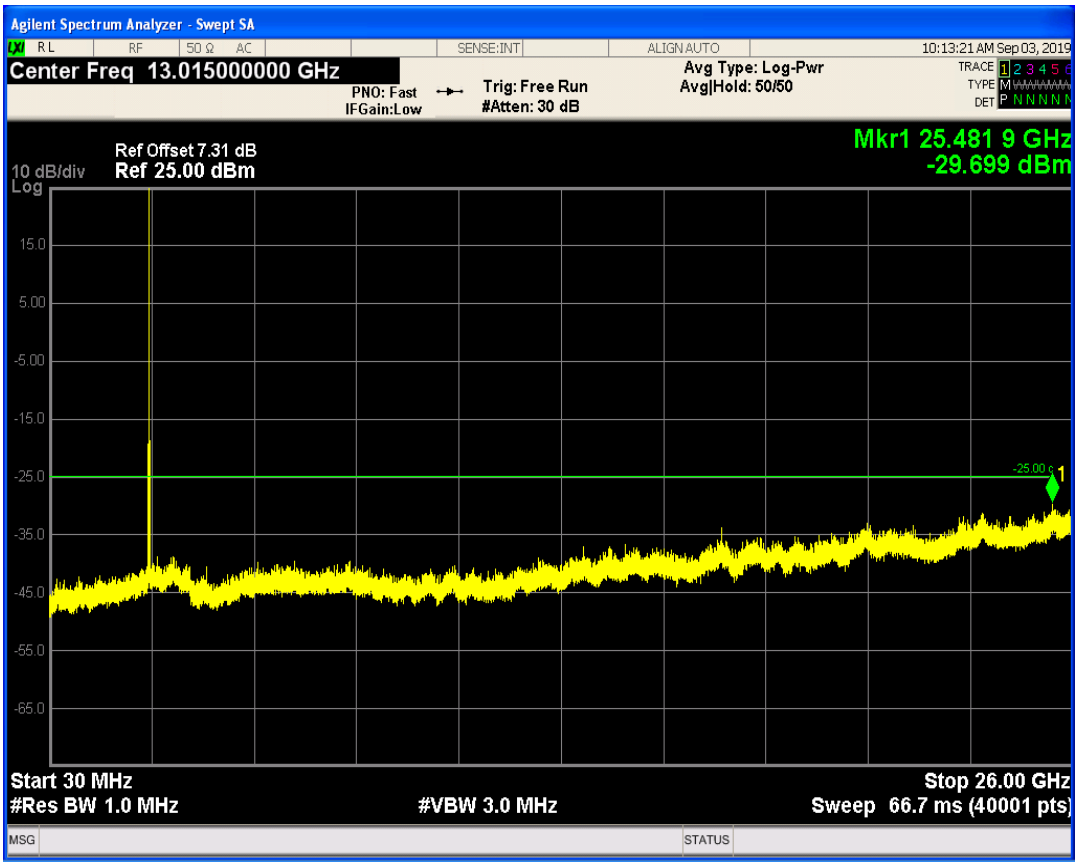
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



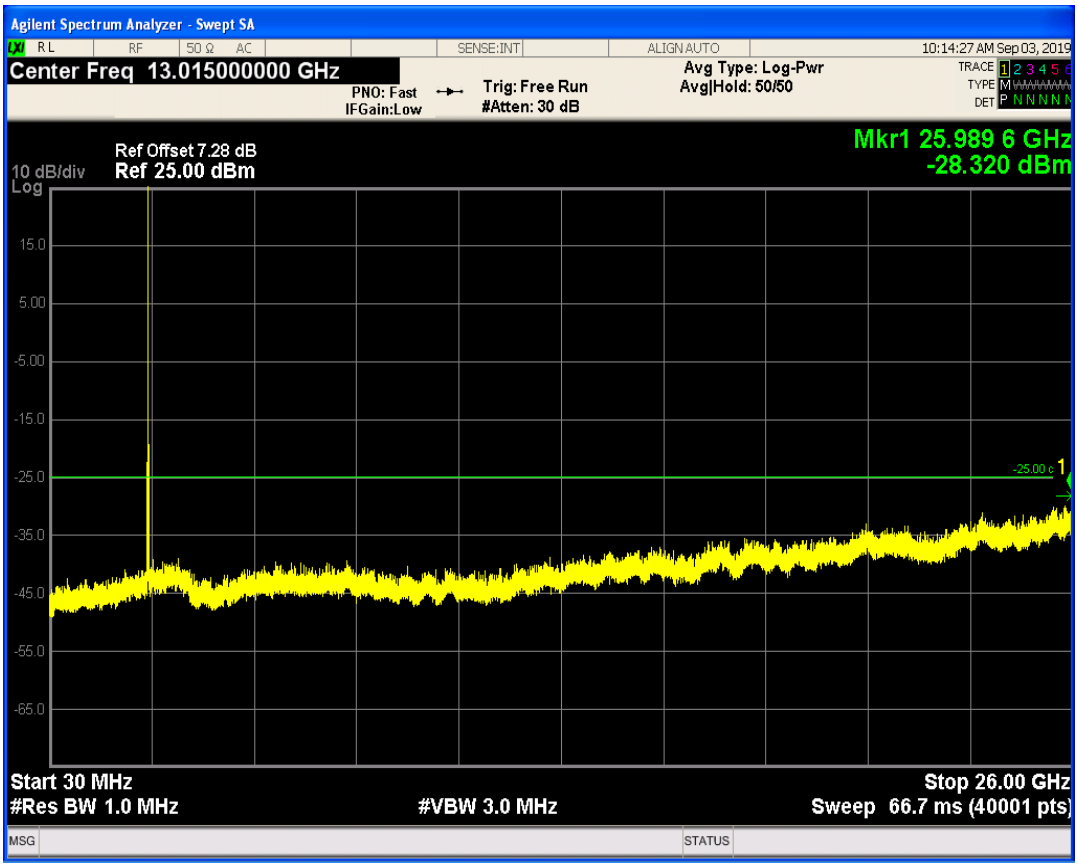
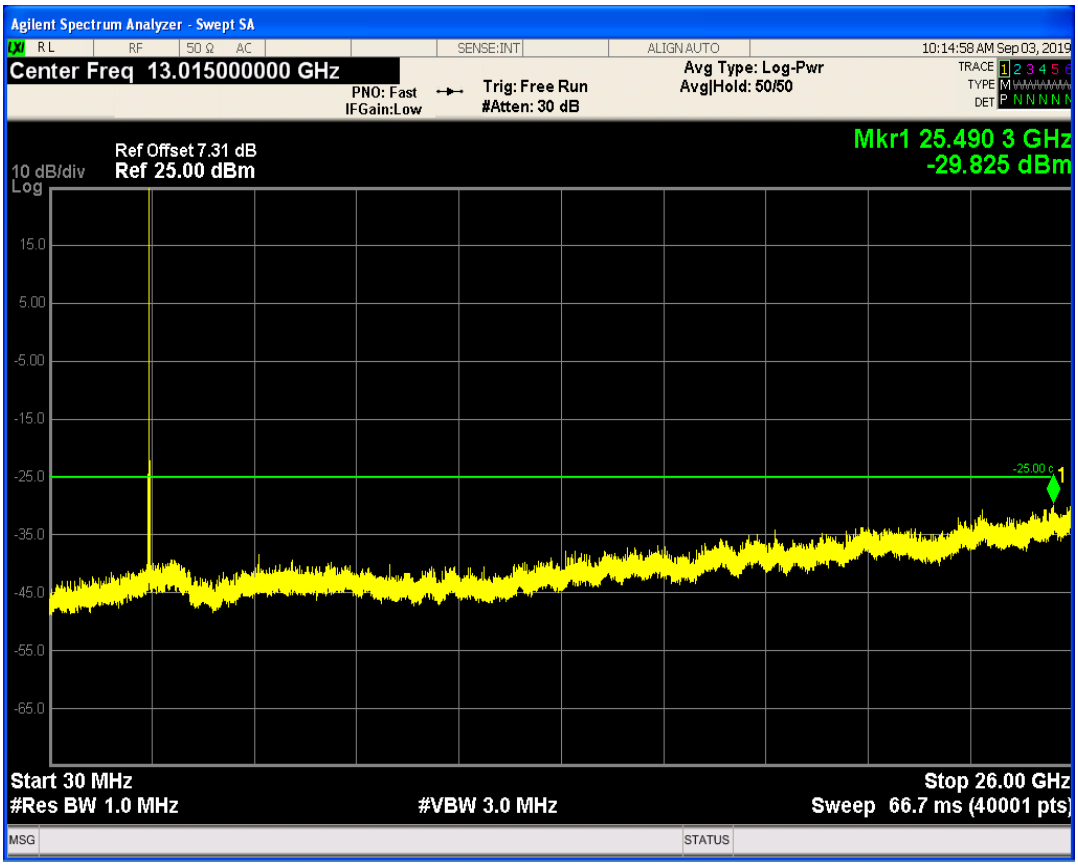
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



LTE Band7 QPSK BW=15MHz Channel=21375 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