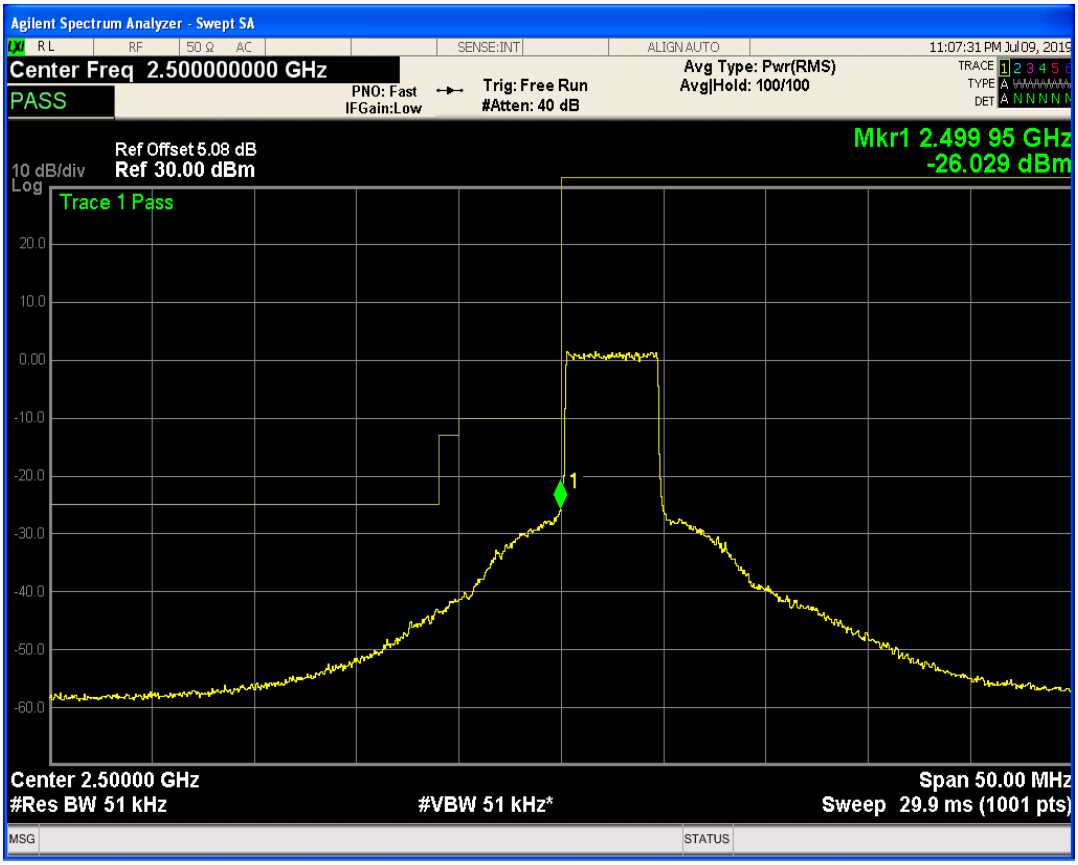
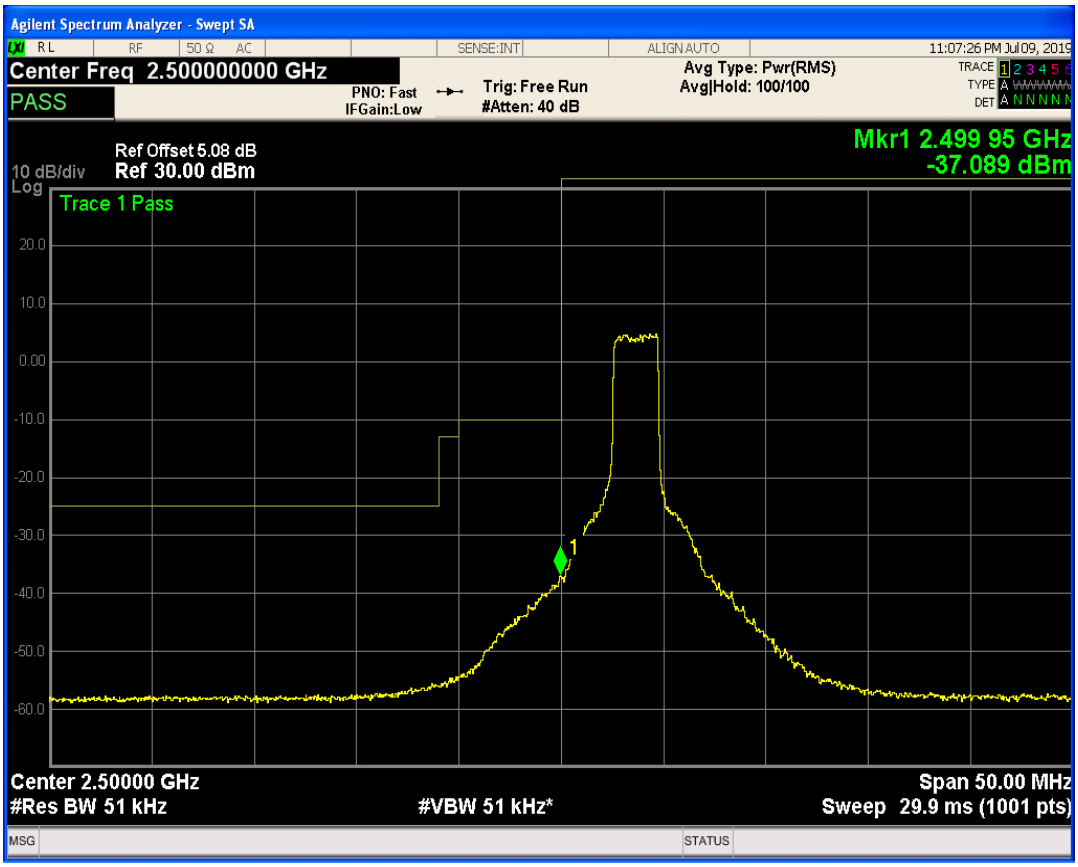
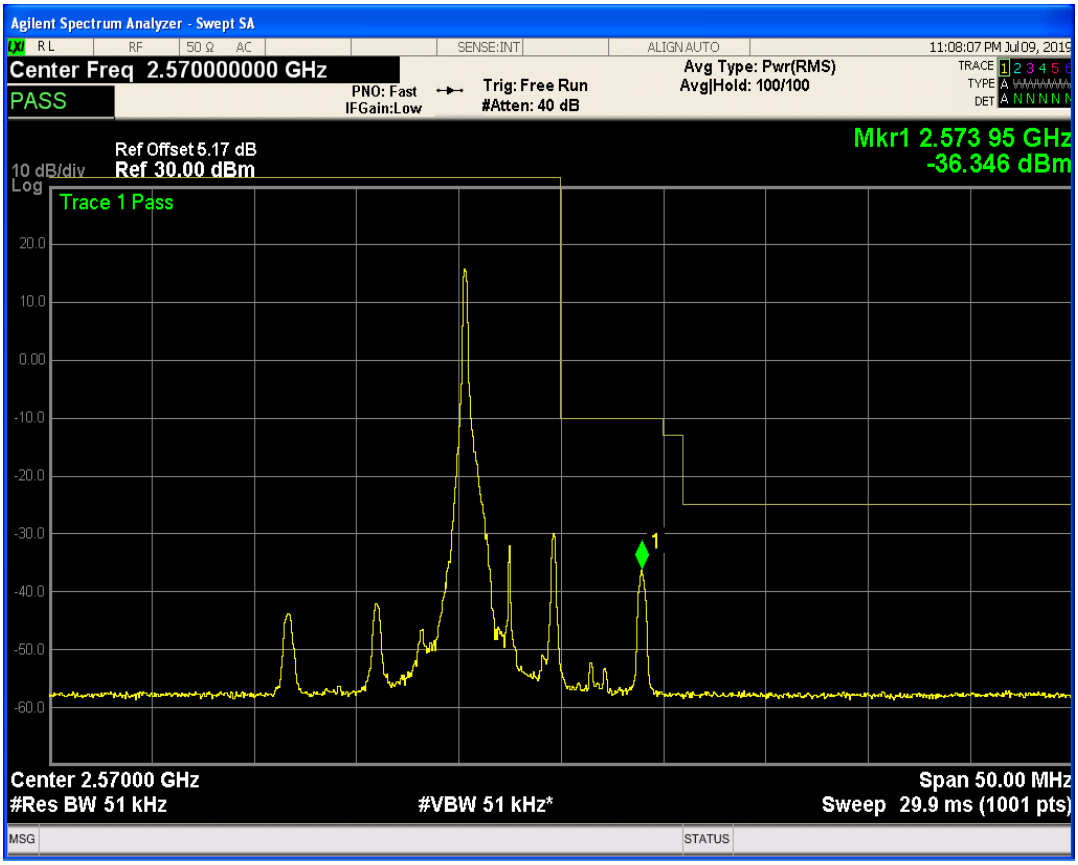
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



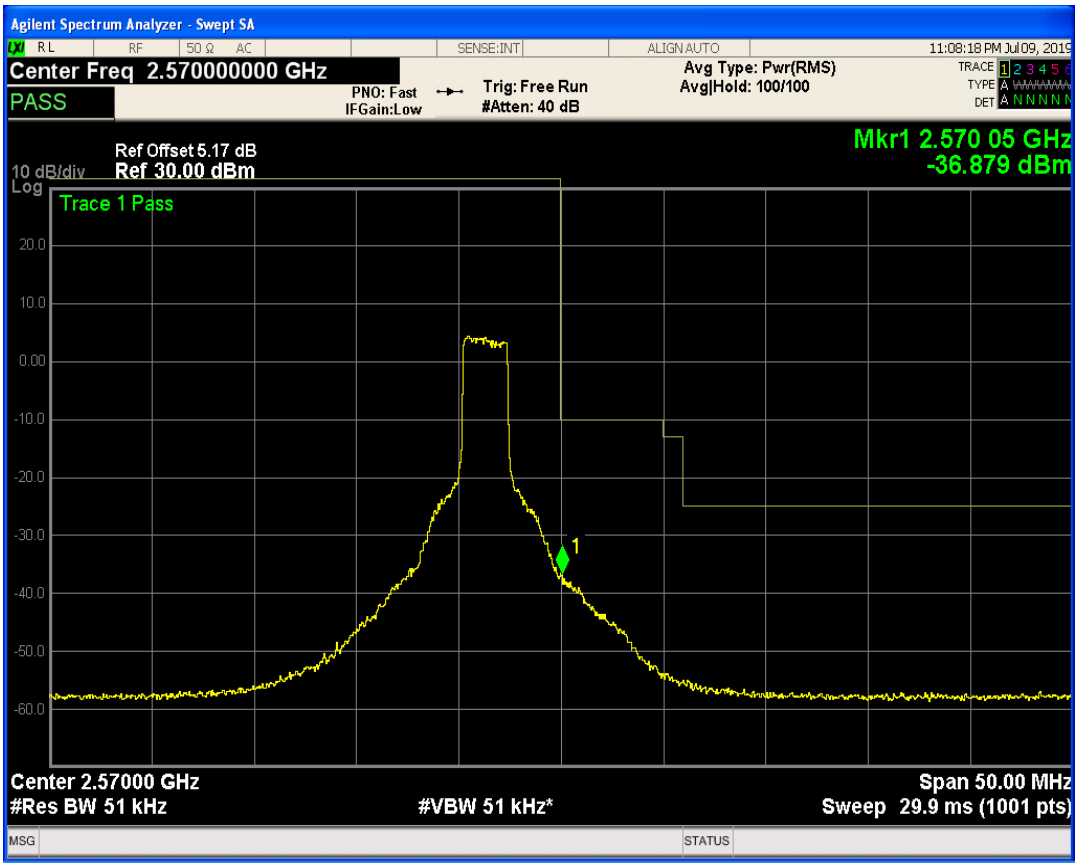
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=12 Position=#Max



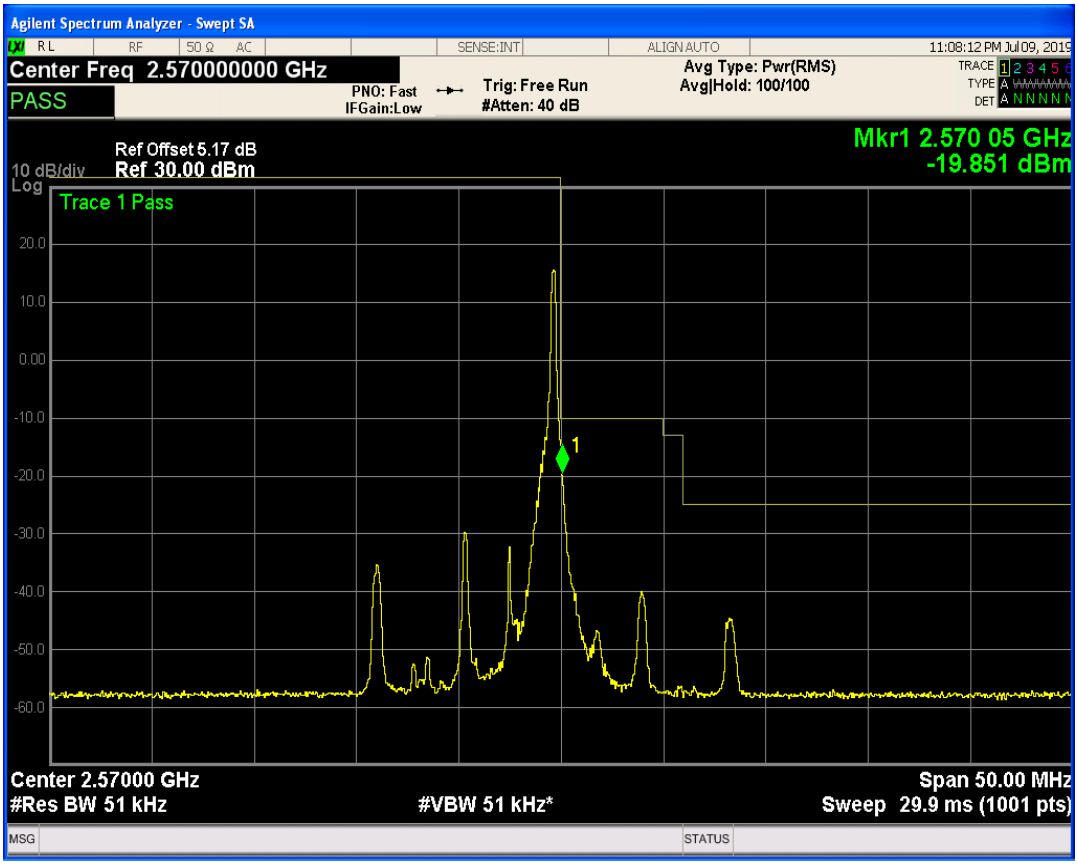
LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#0



LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=12 Position=#0



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



LTE Band7 QAM16 BW=20MHz Channel=21350 RB Size=50 Position=#Max

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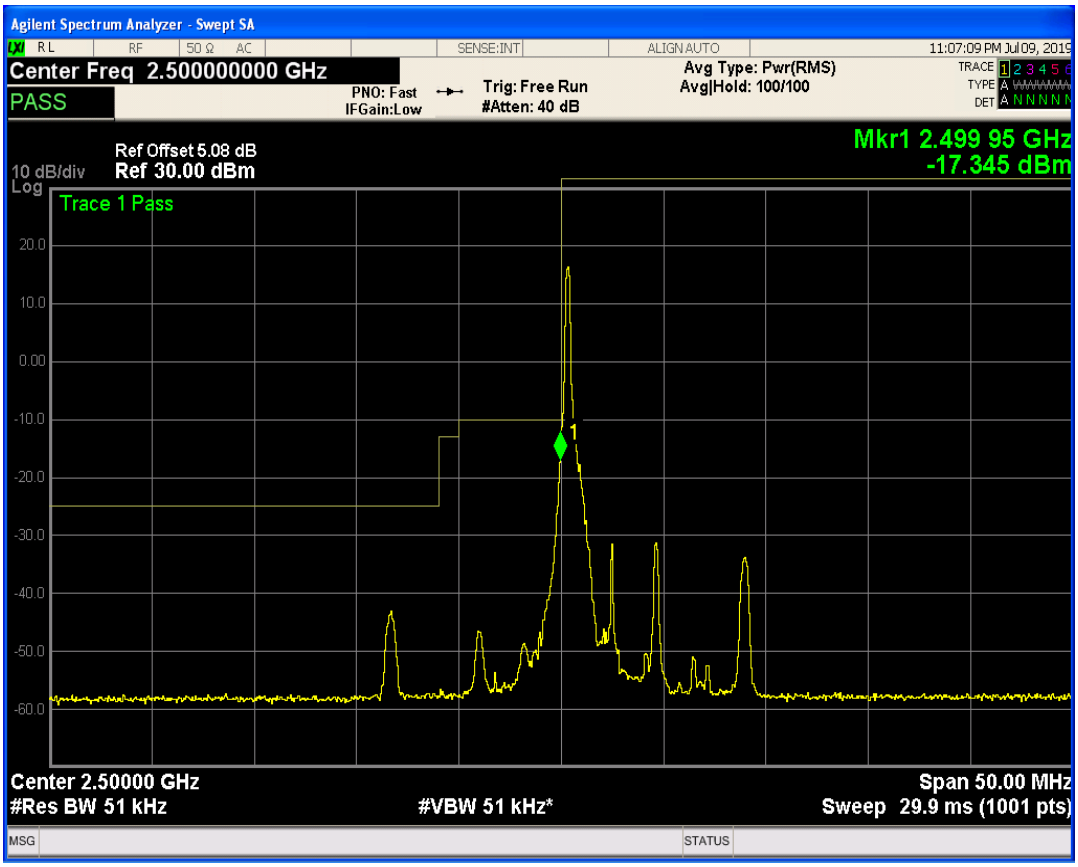
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#0



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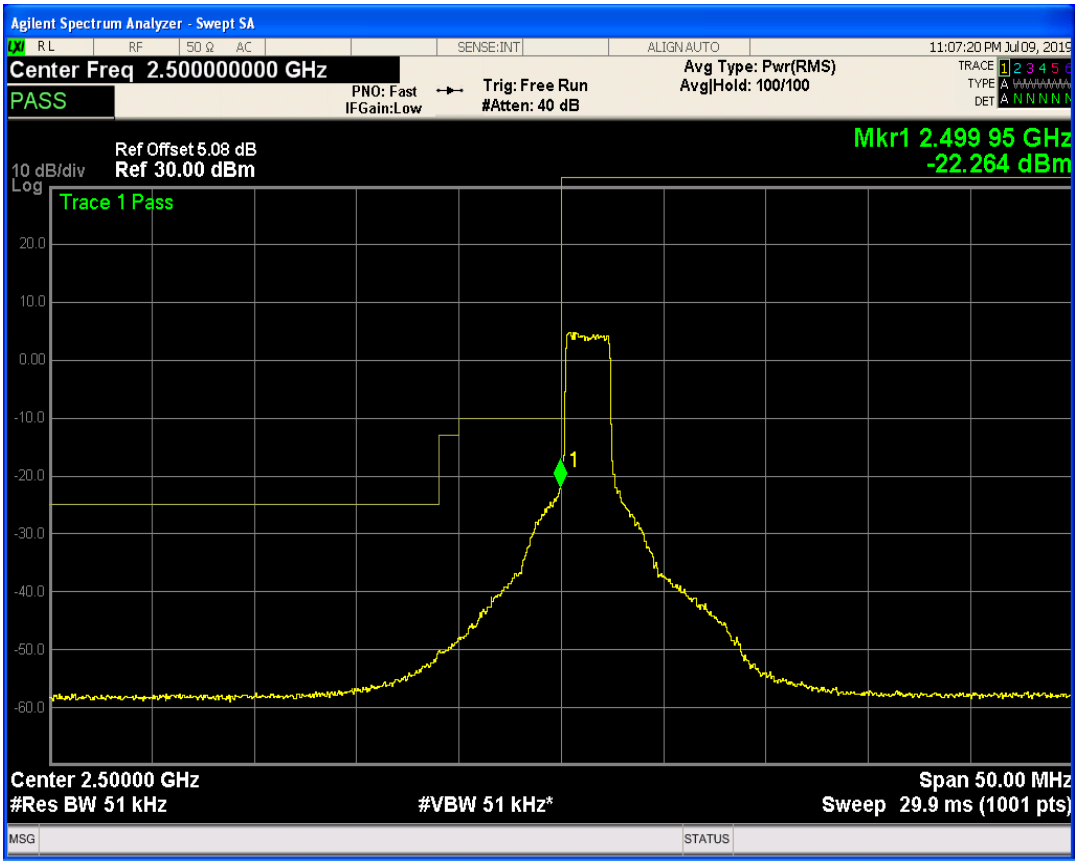
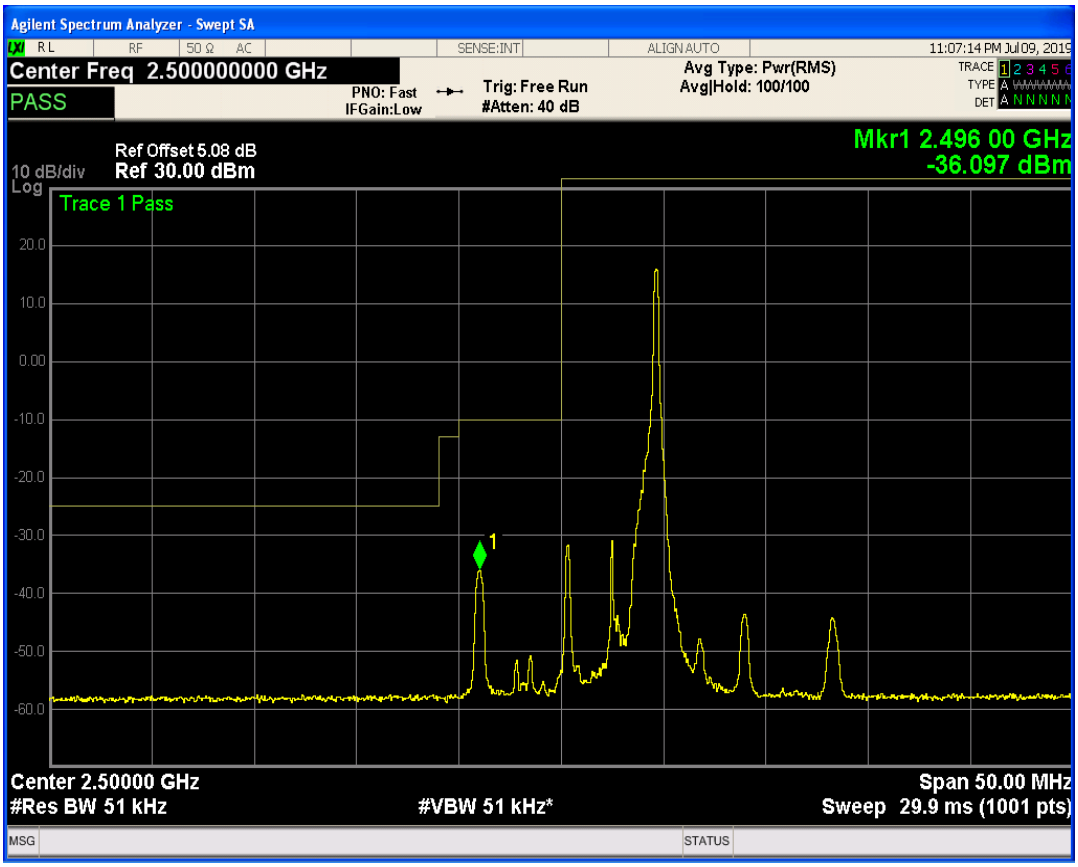
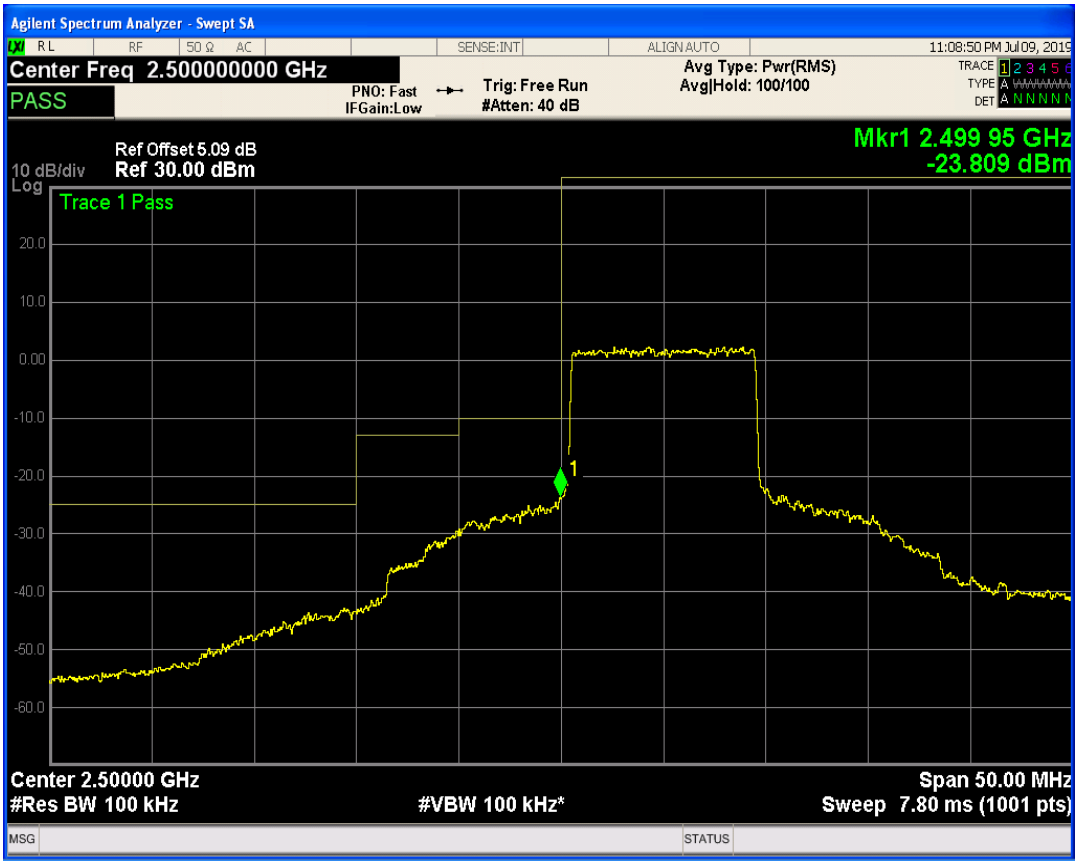


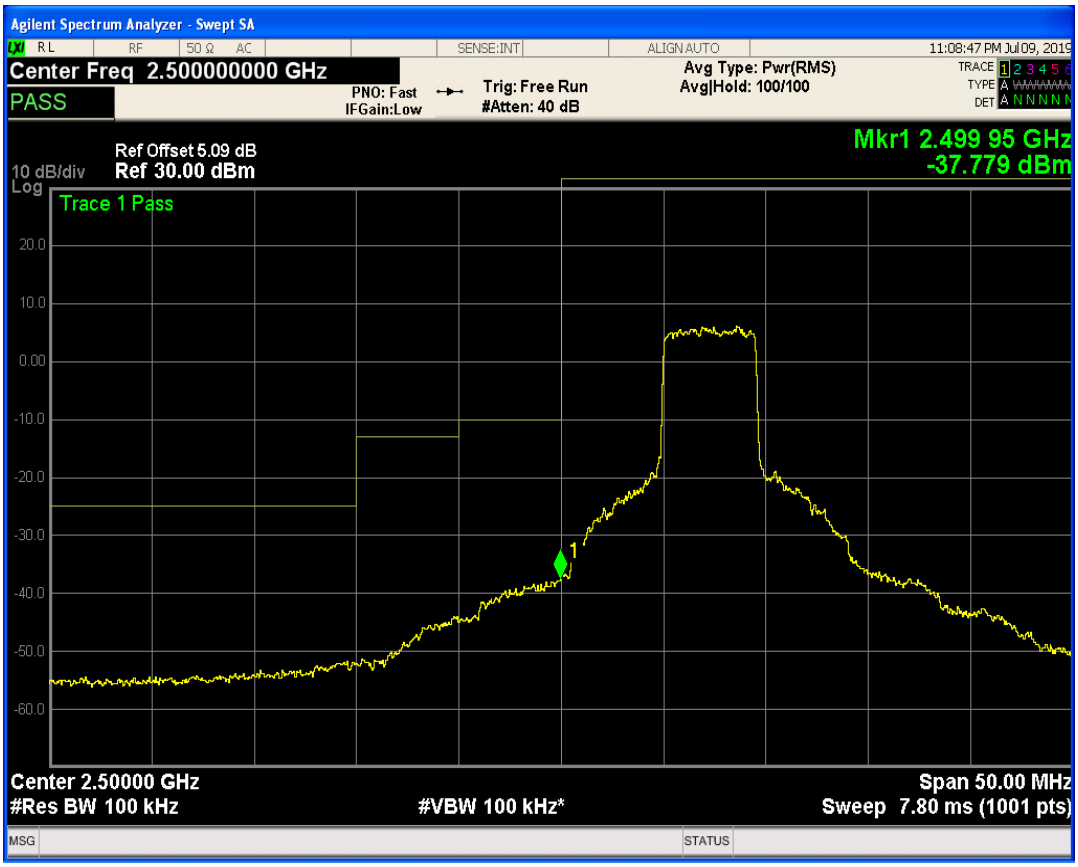
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#Max



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



LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=25 Position=#Max



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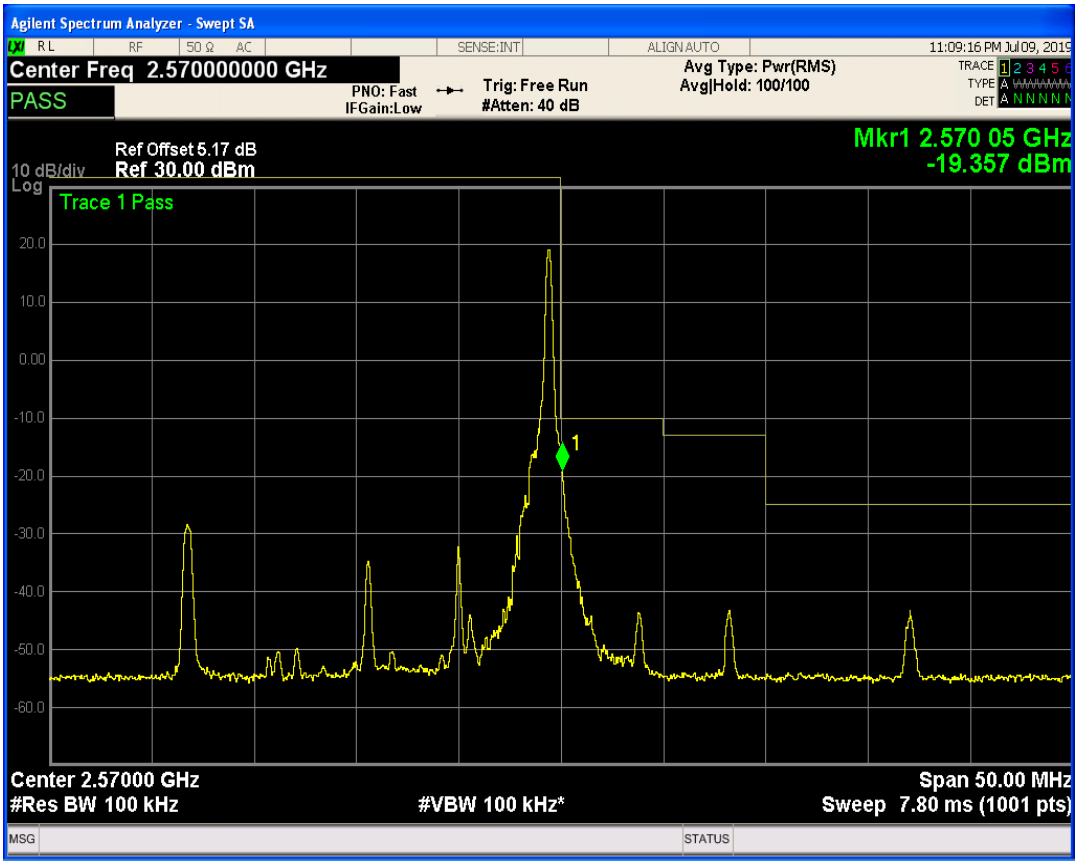

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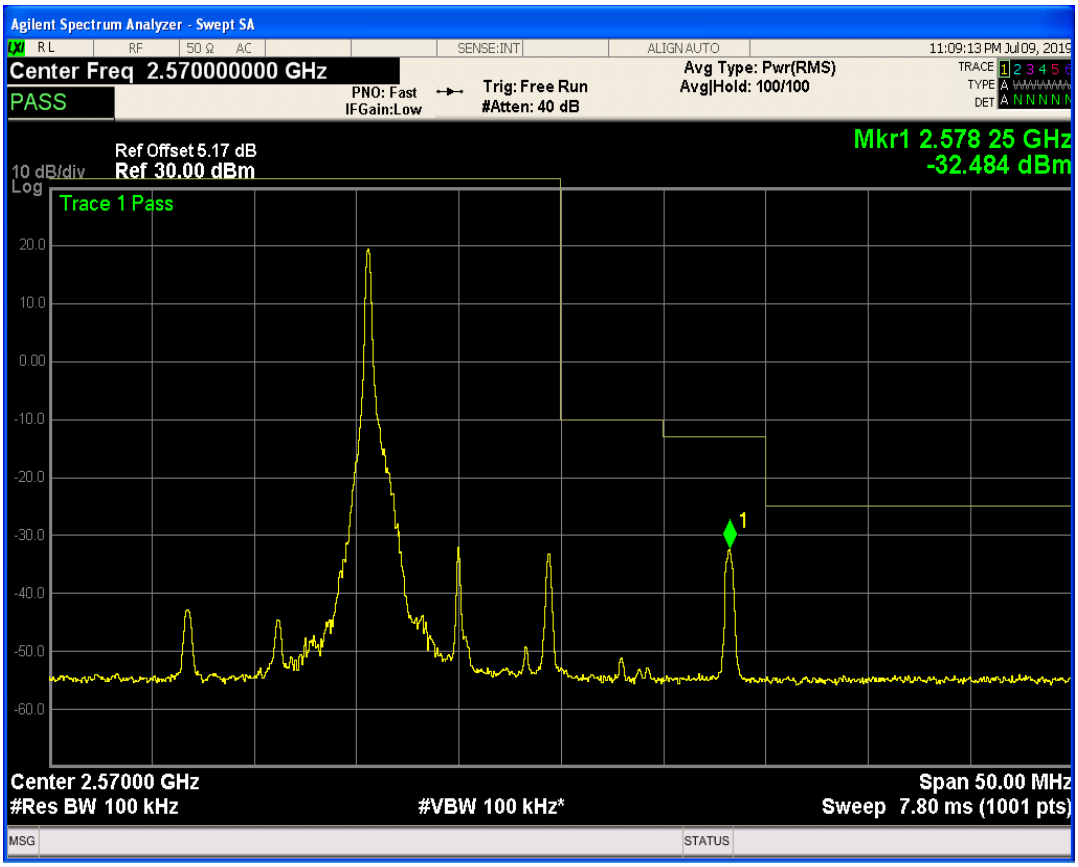
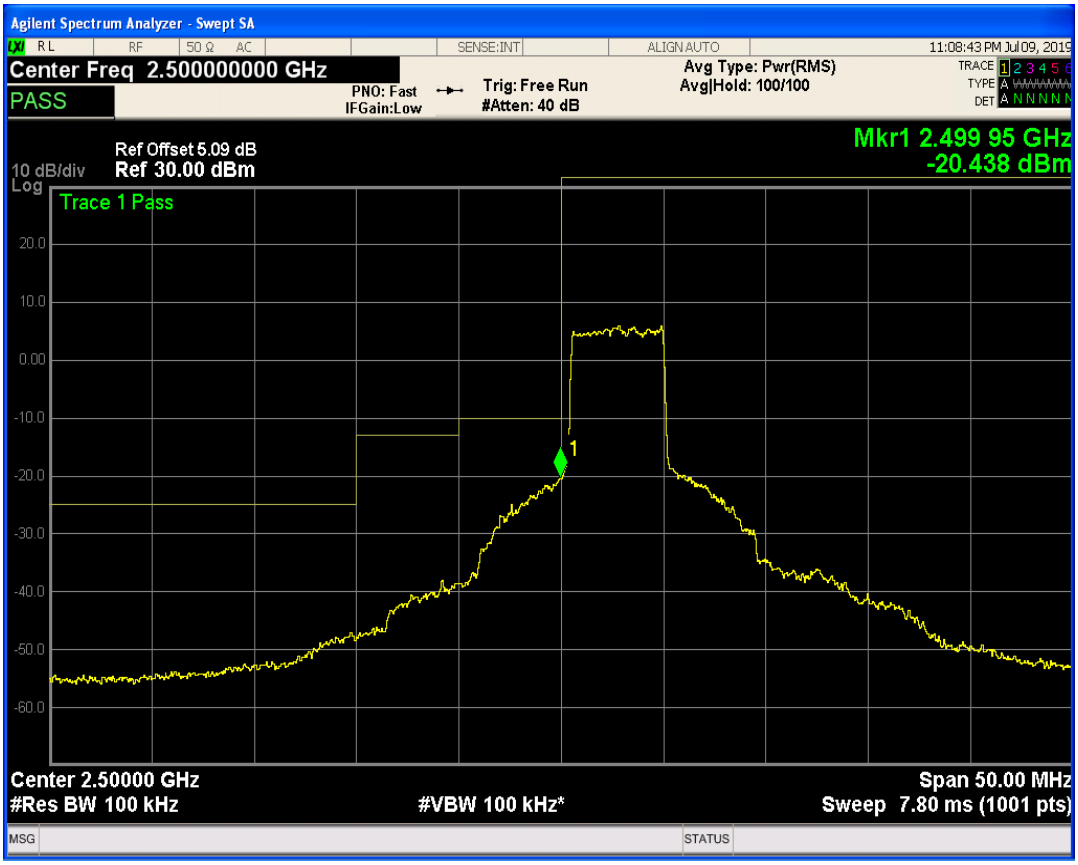
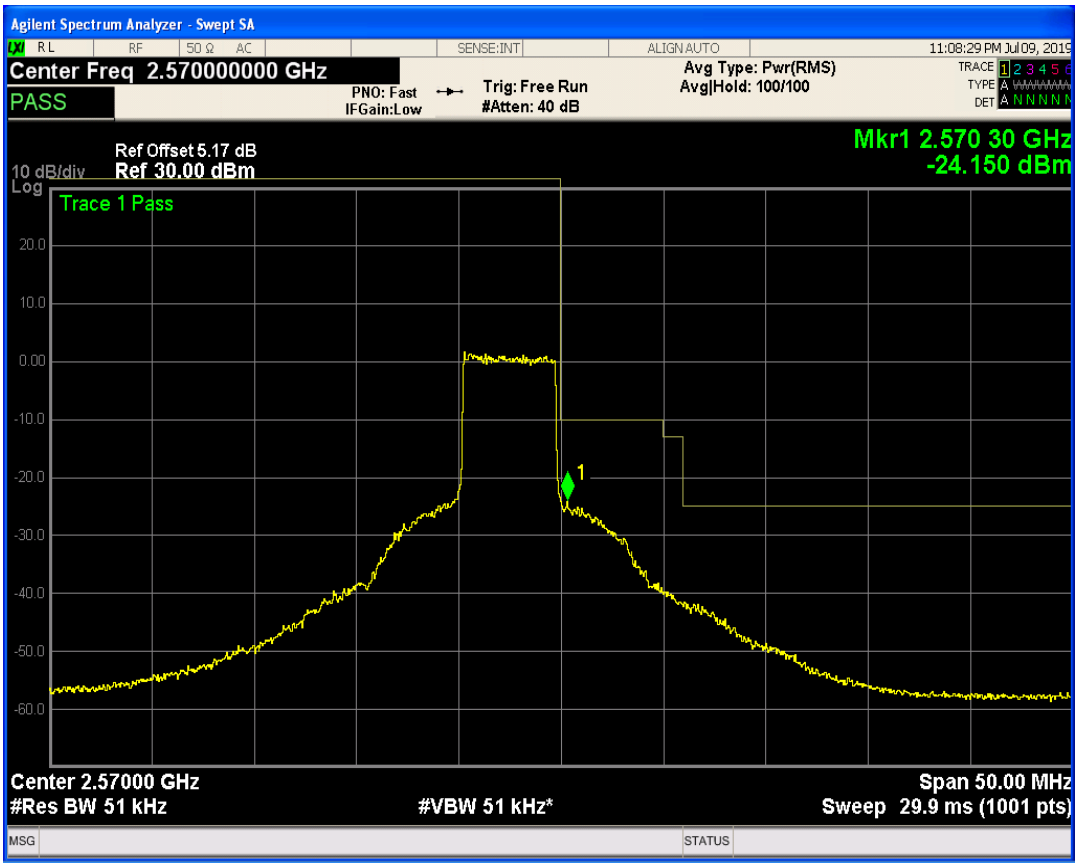


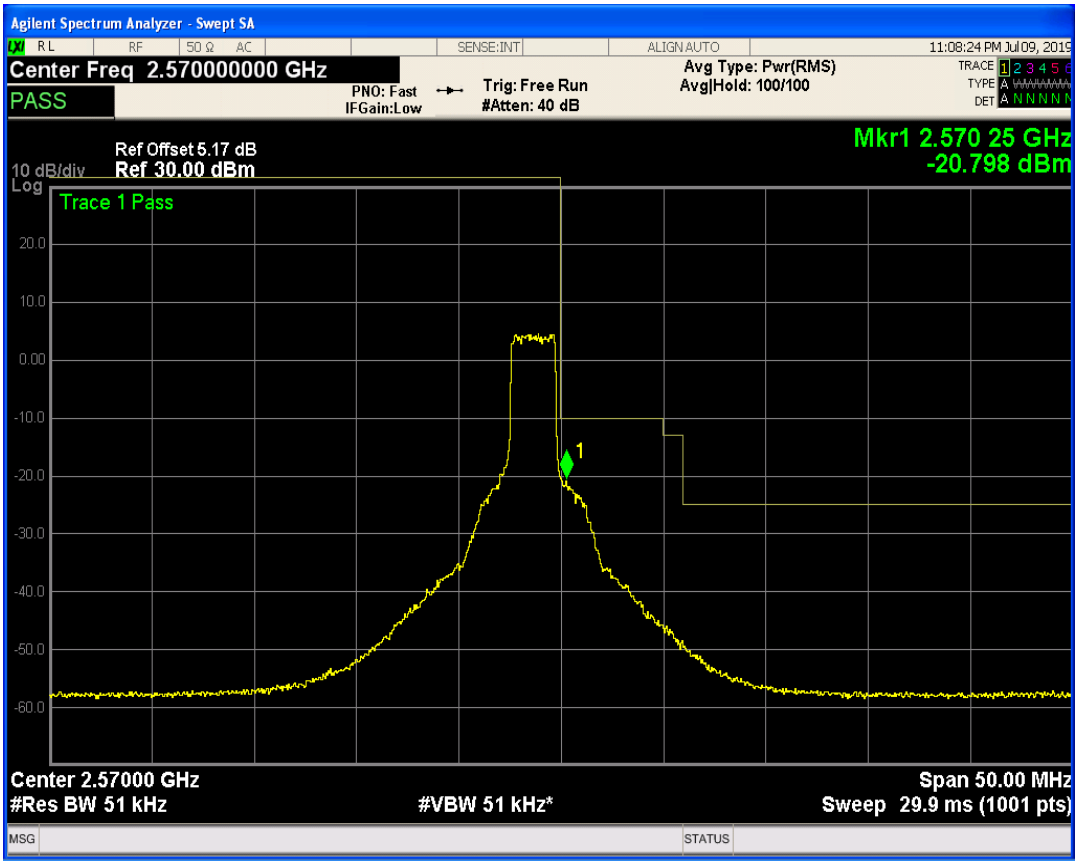
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=25 Position=#0



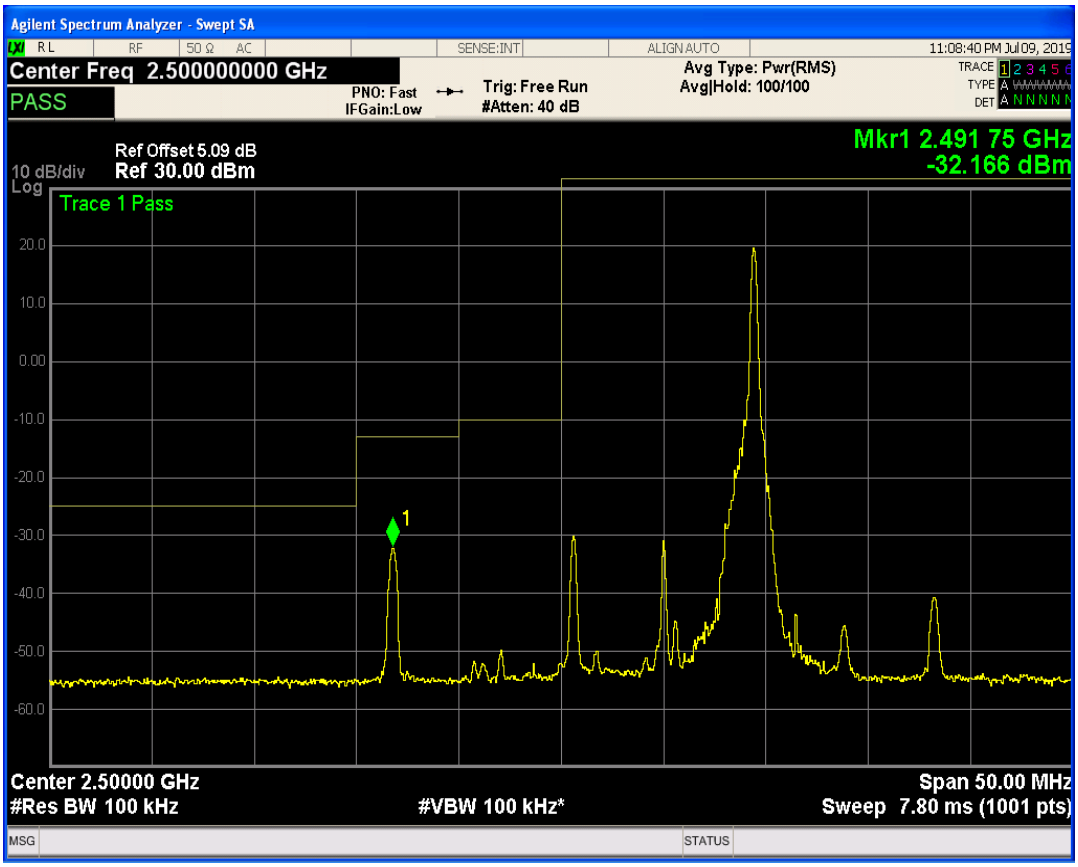
LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



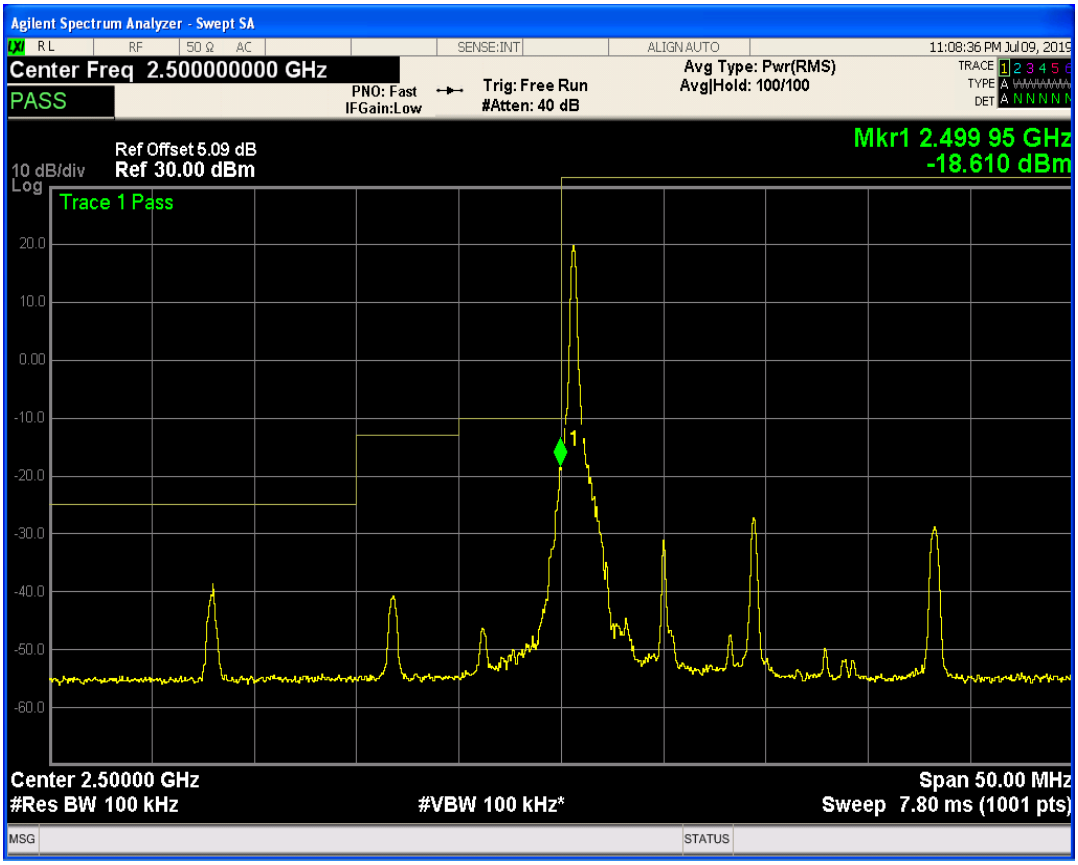
LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=12 Position=#Max



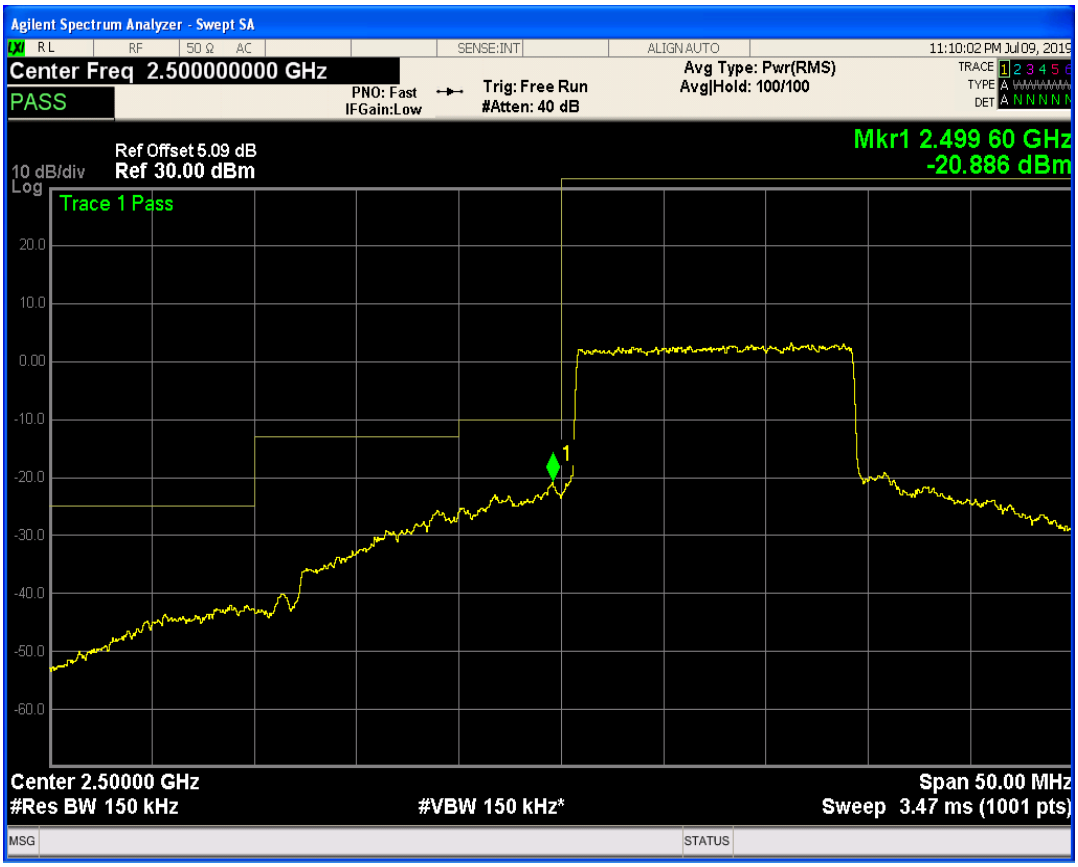
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#Max



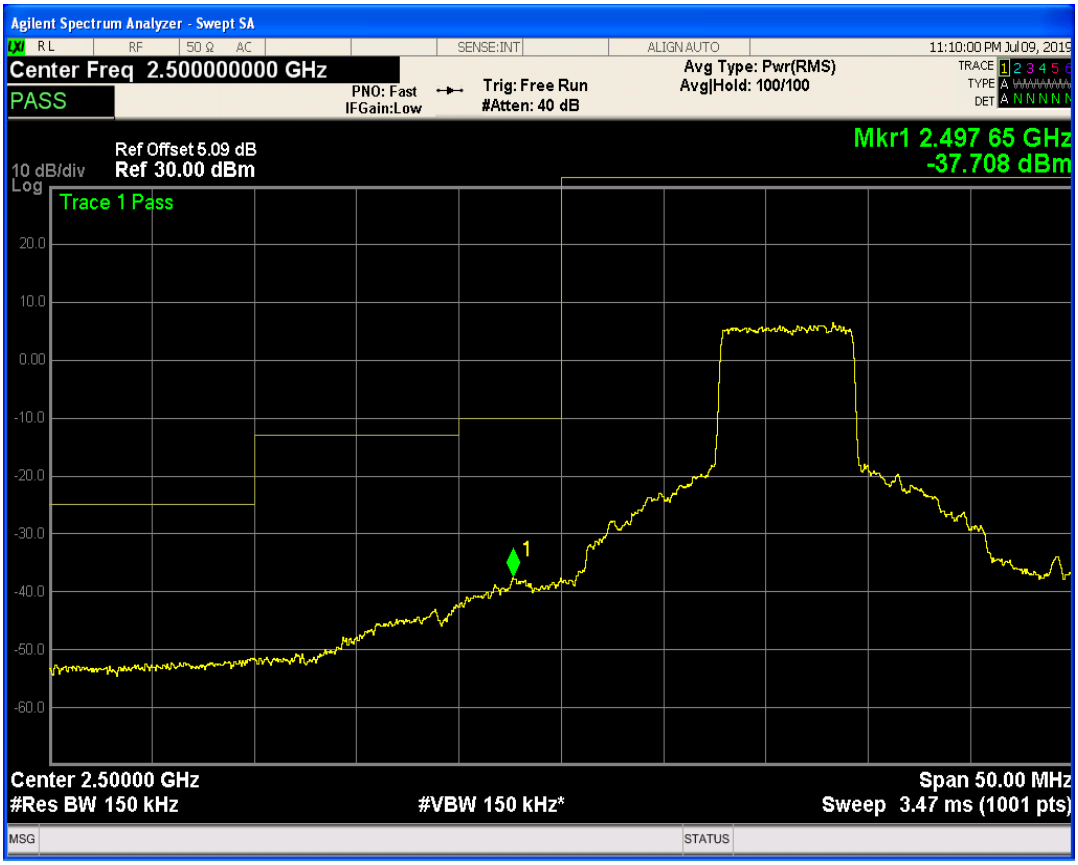
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



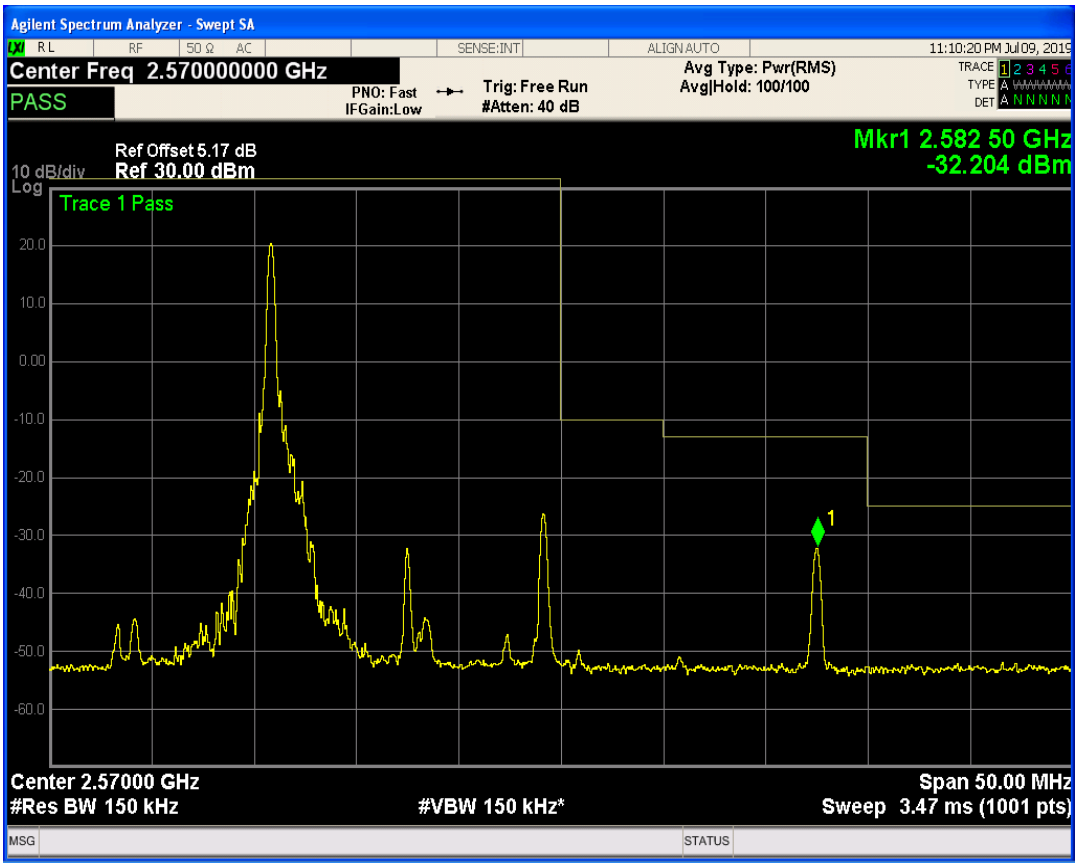
LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=36 Position=#Max

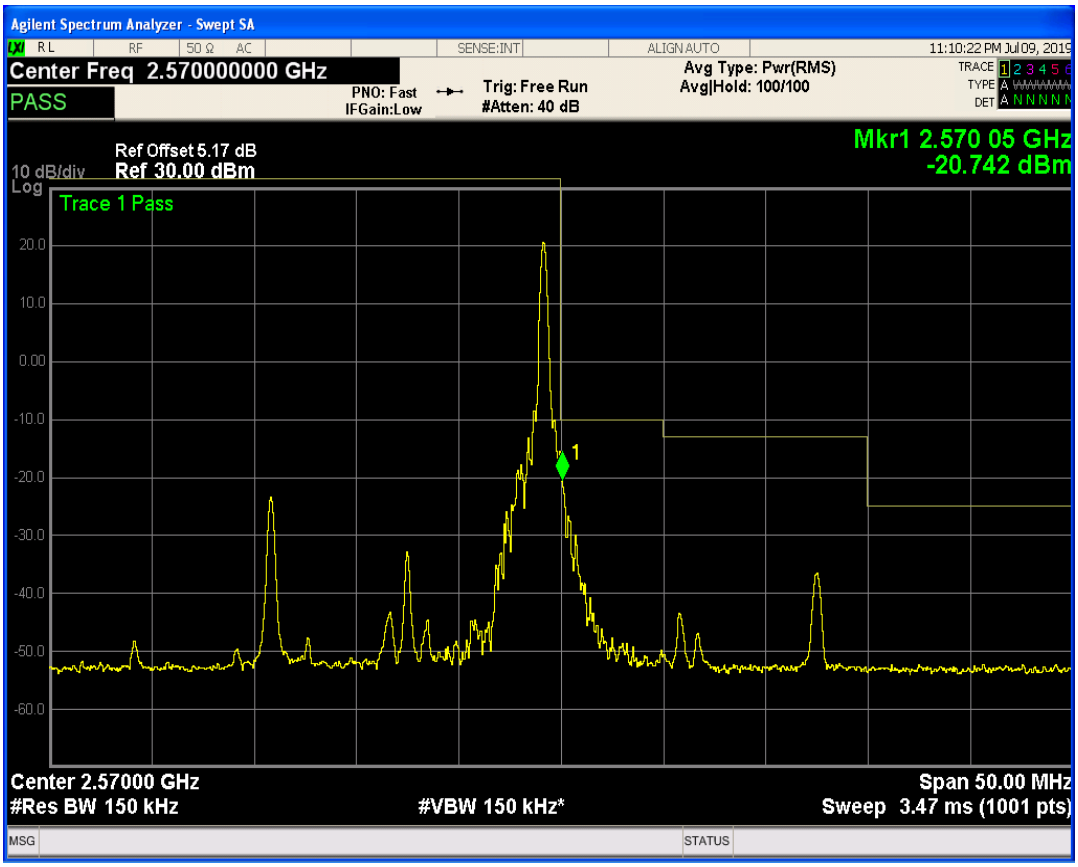


LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



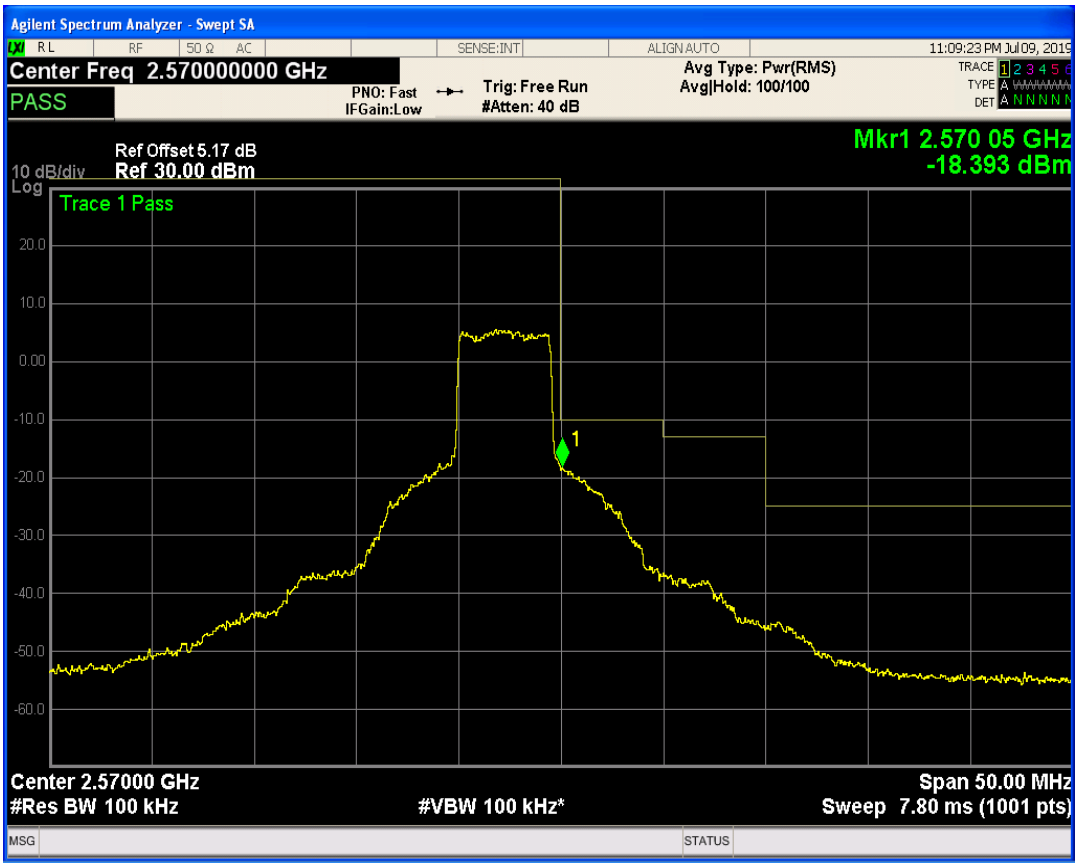
LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=36 Position=#0

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

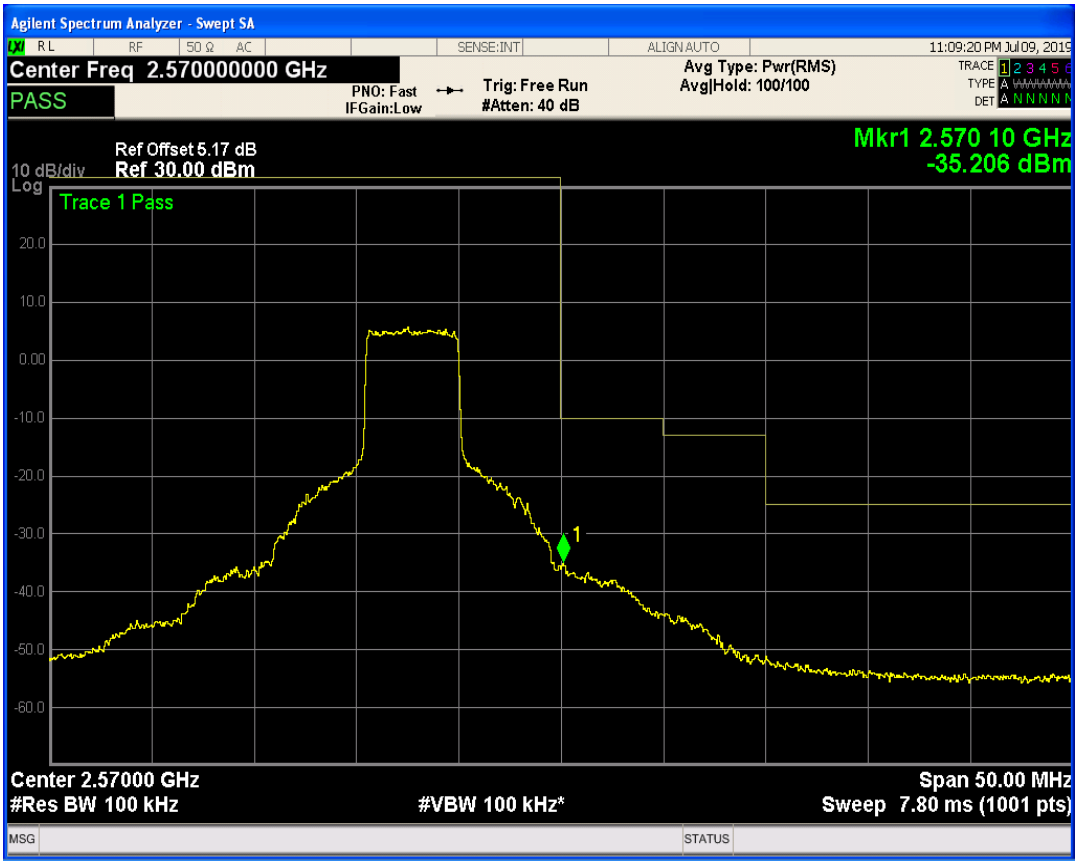


LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=36 Position=#0

LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=25 Position=#Max

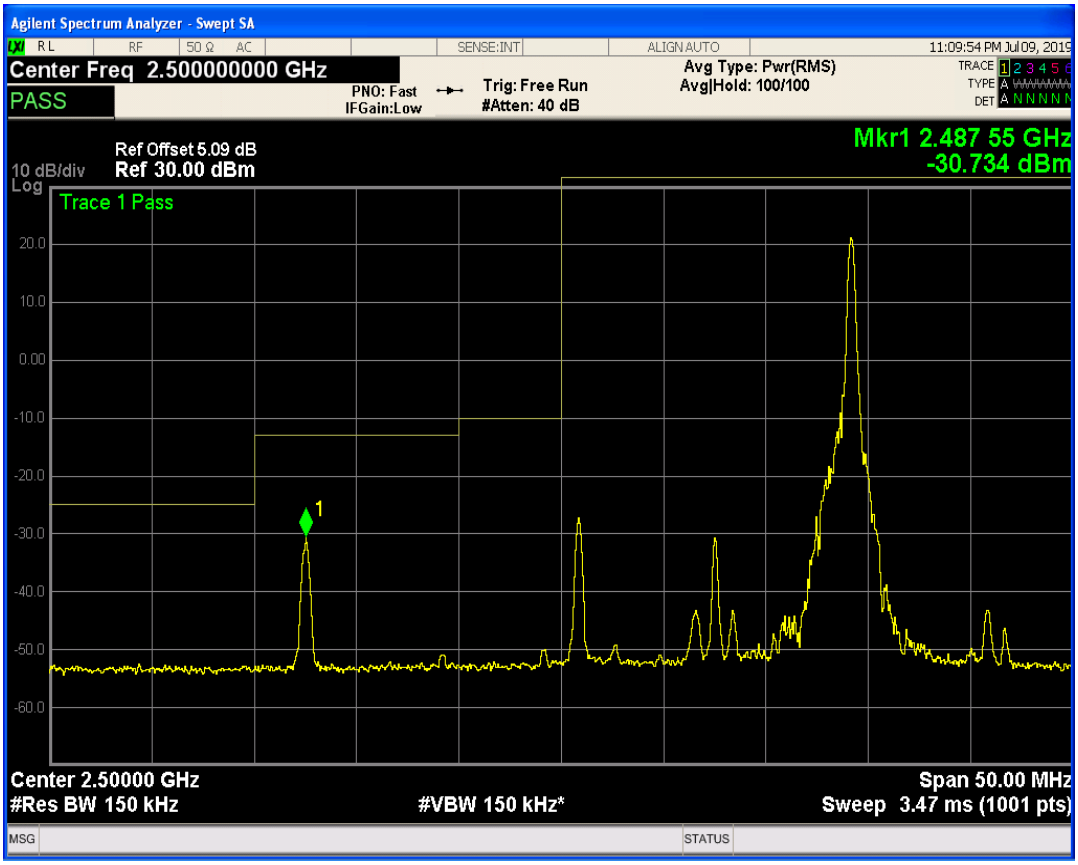


LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=25 Position=#0

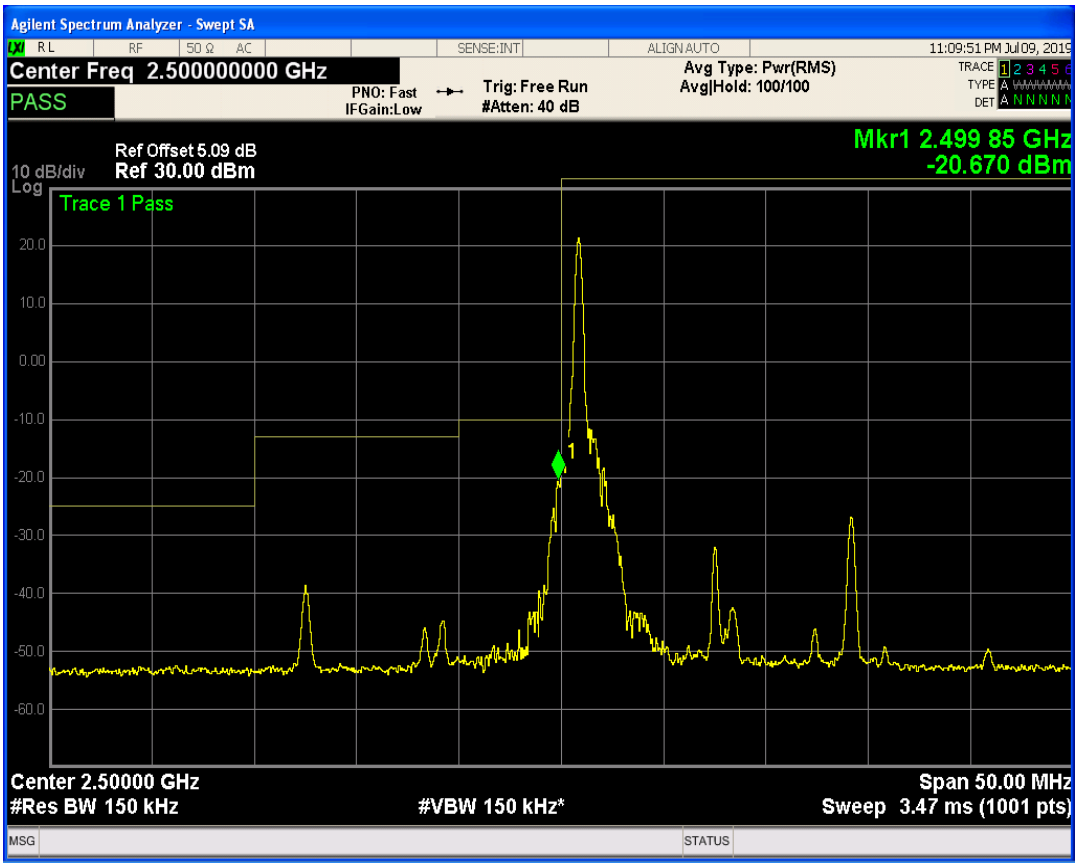


LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

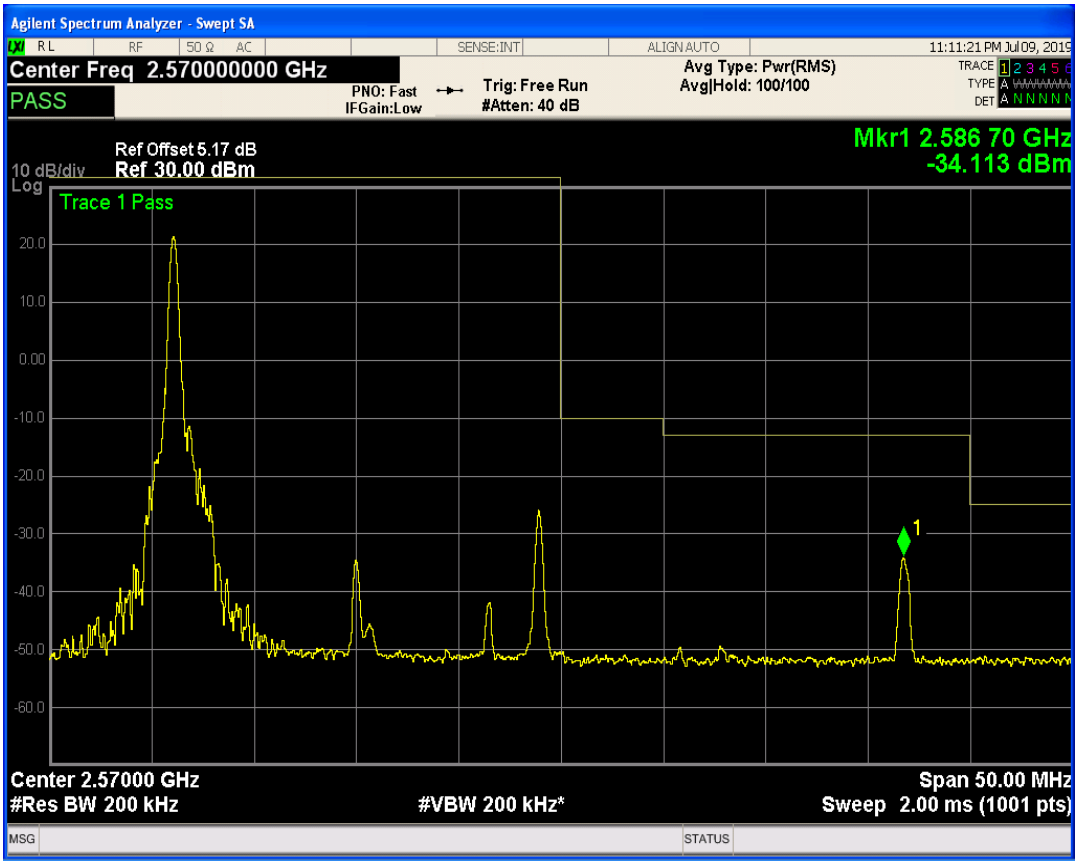
LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#Max



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



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



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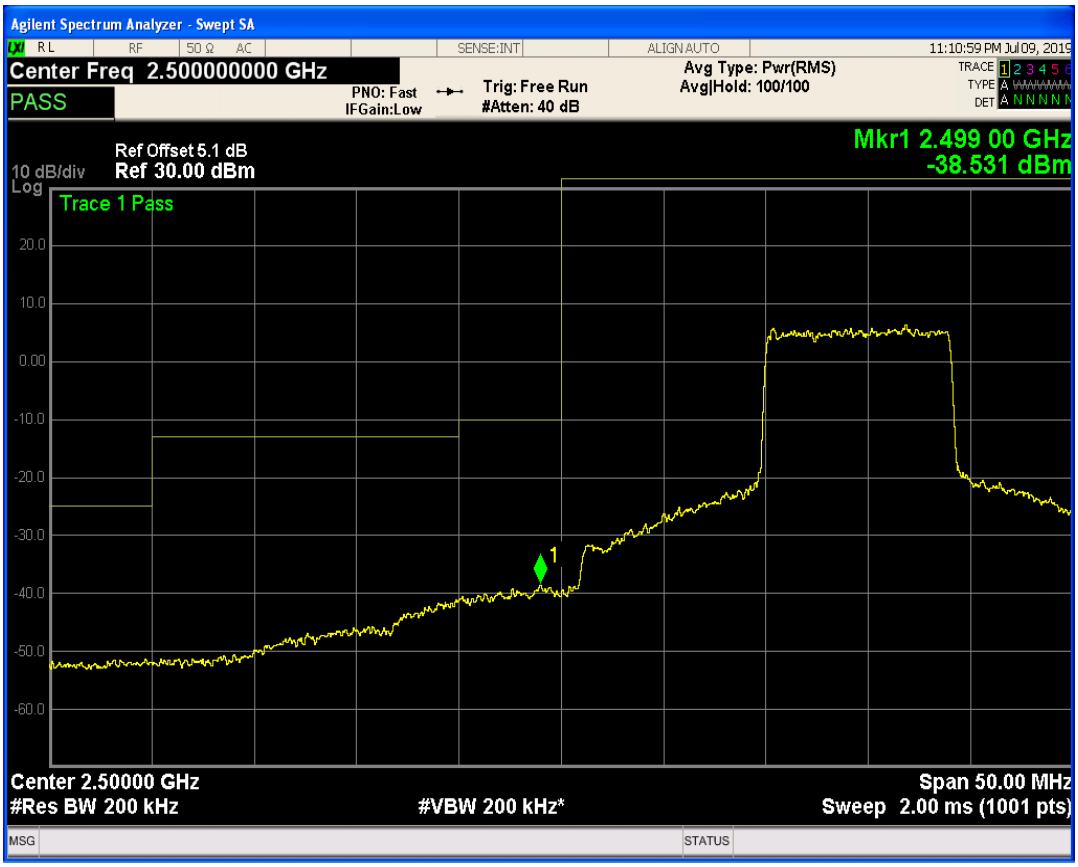
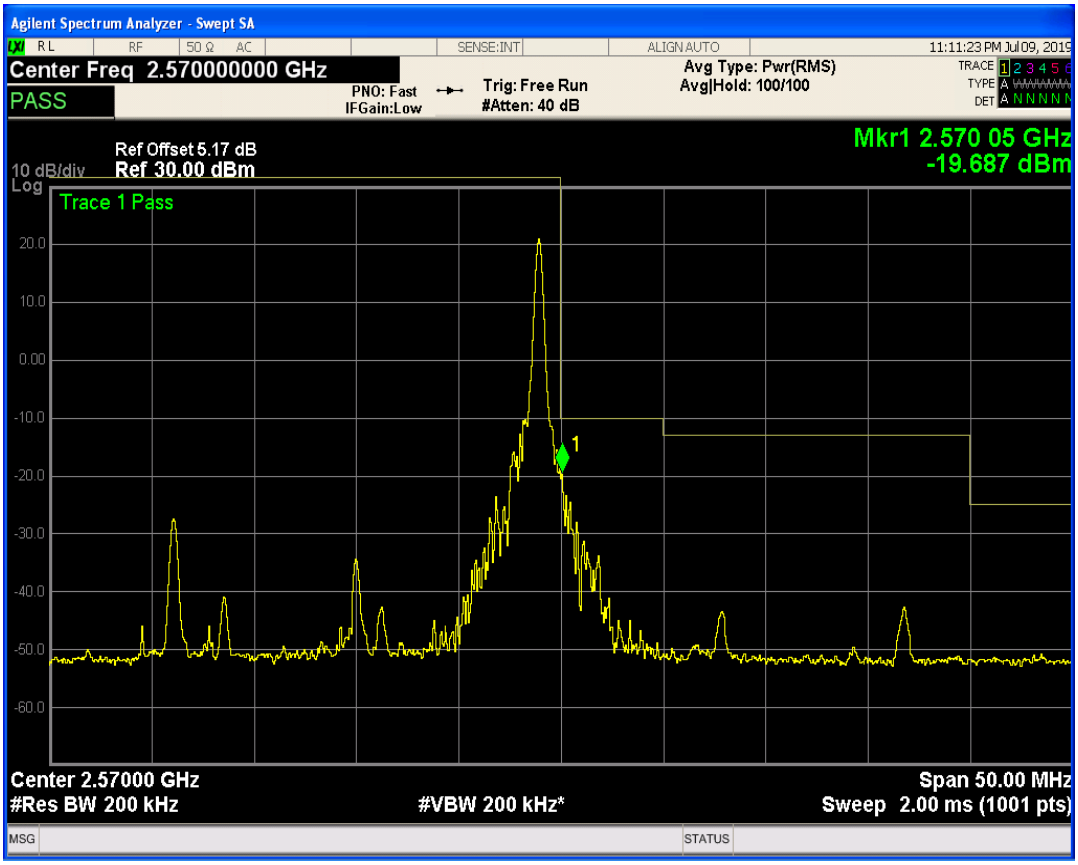


LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max



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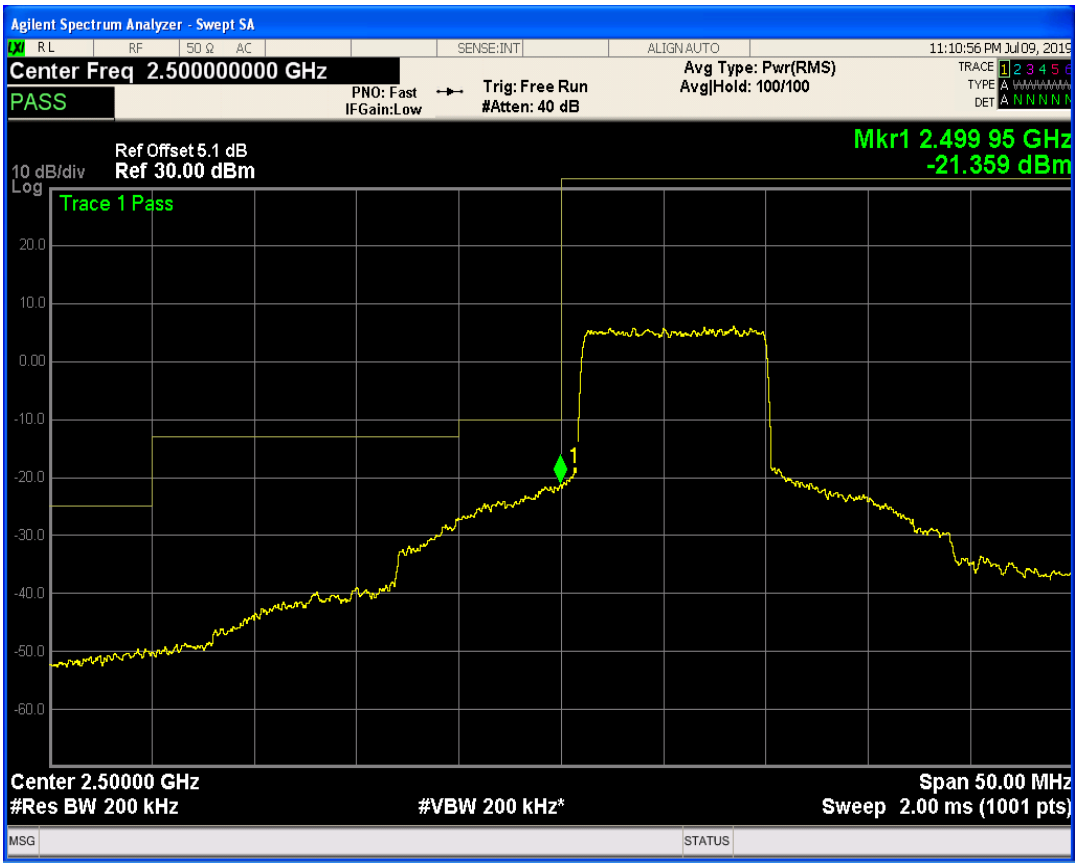
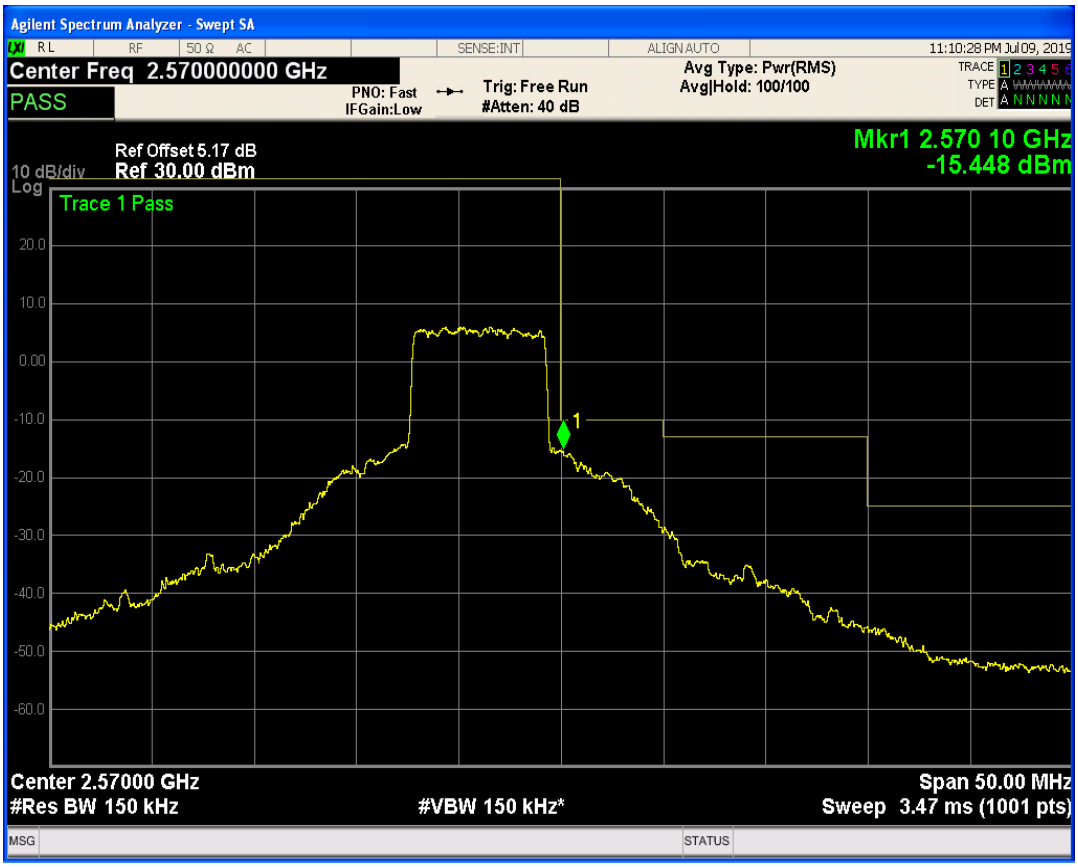
LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0

LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=50 Position=#0

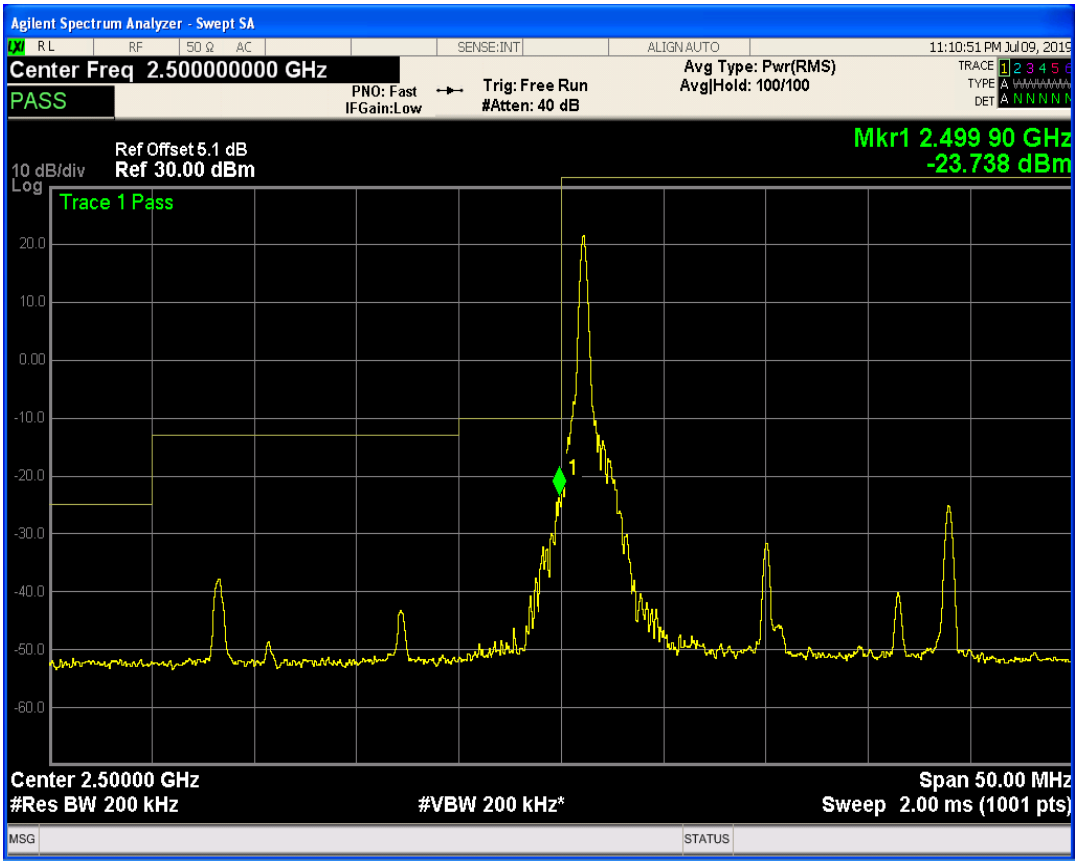


LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0

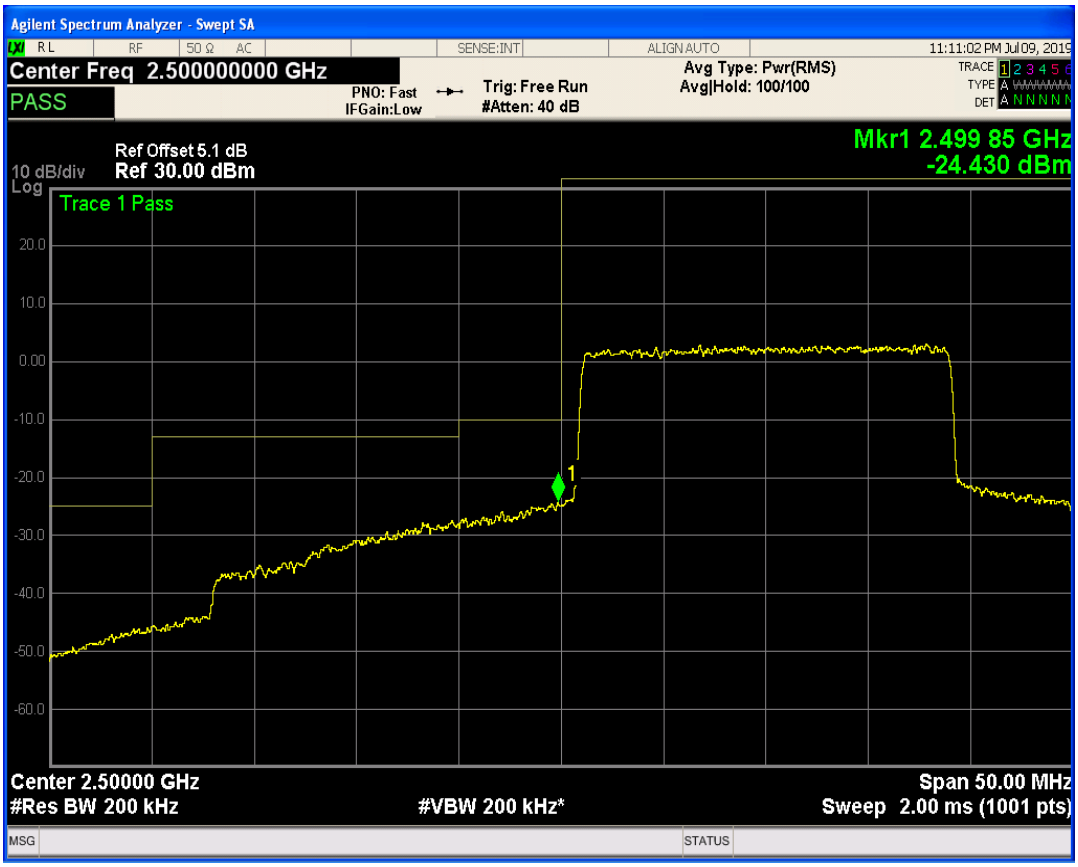
LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=36 Position=#Max



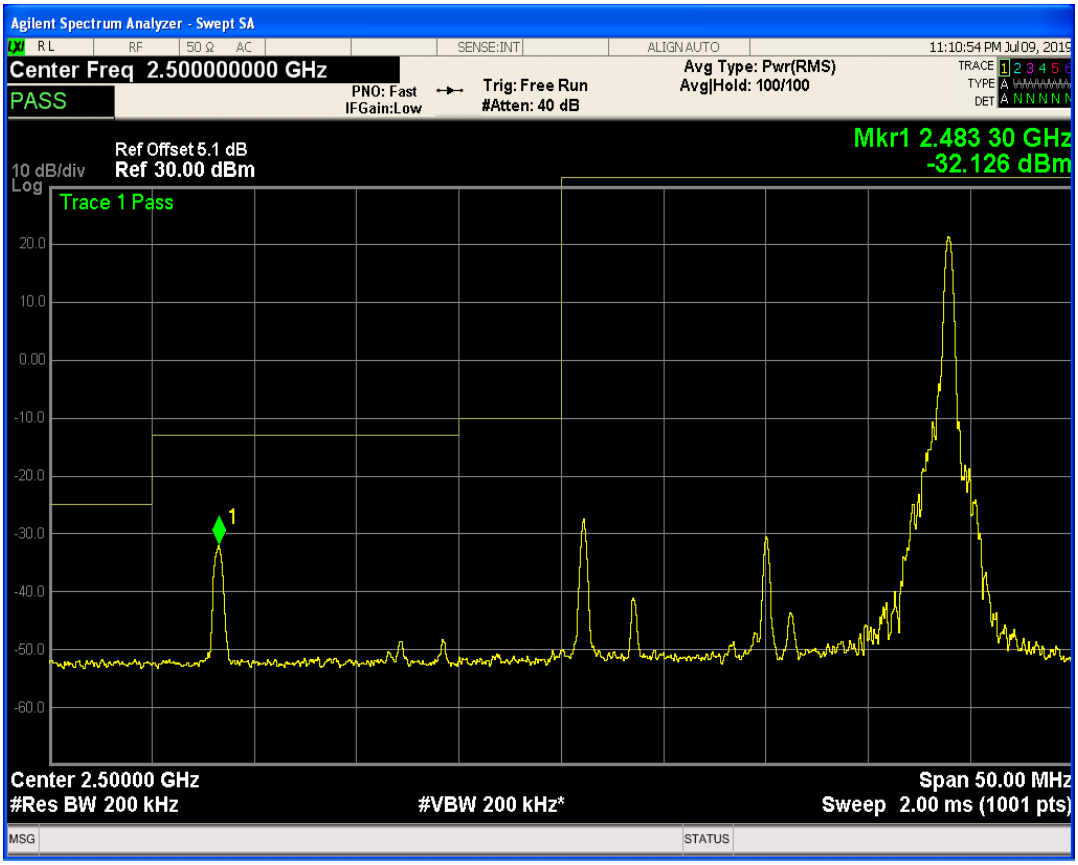
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



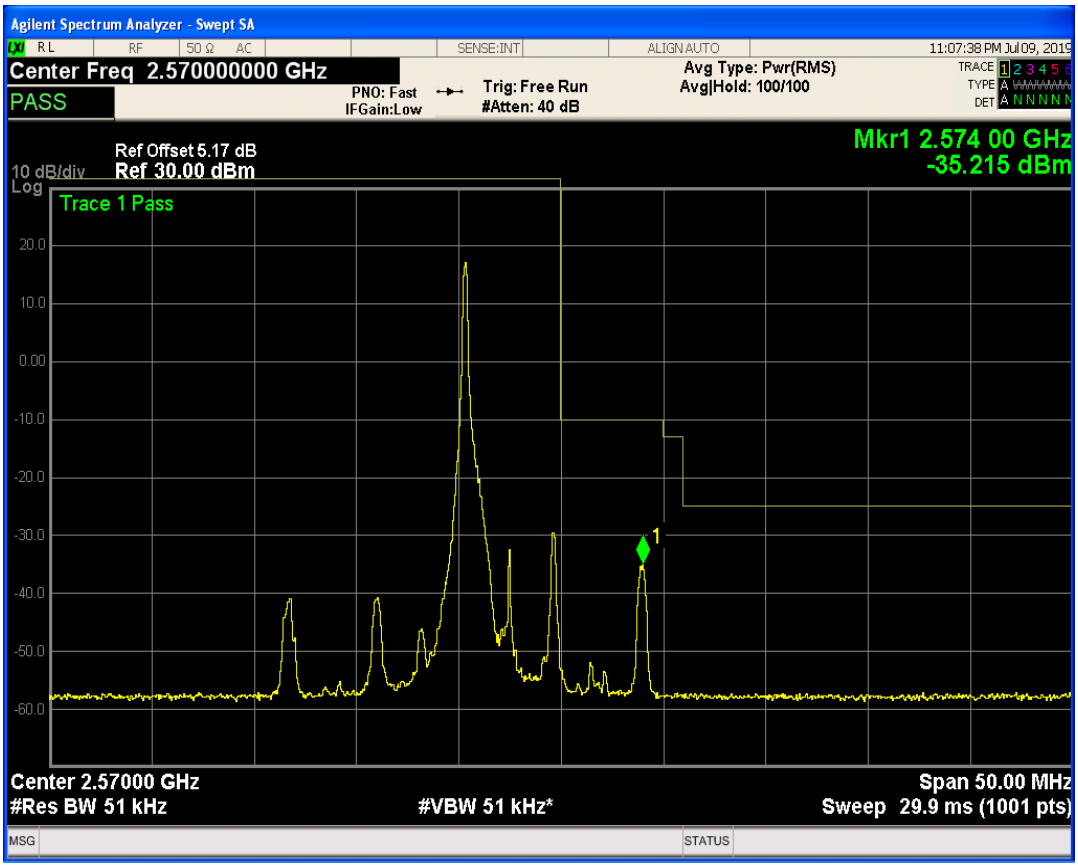
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



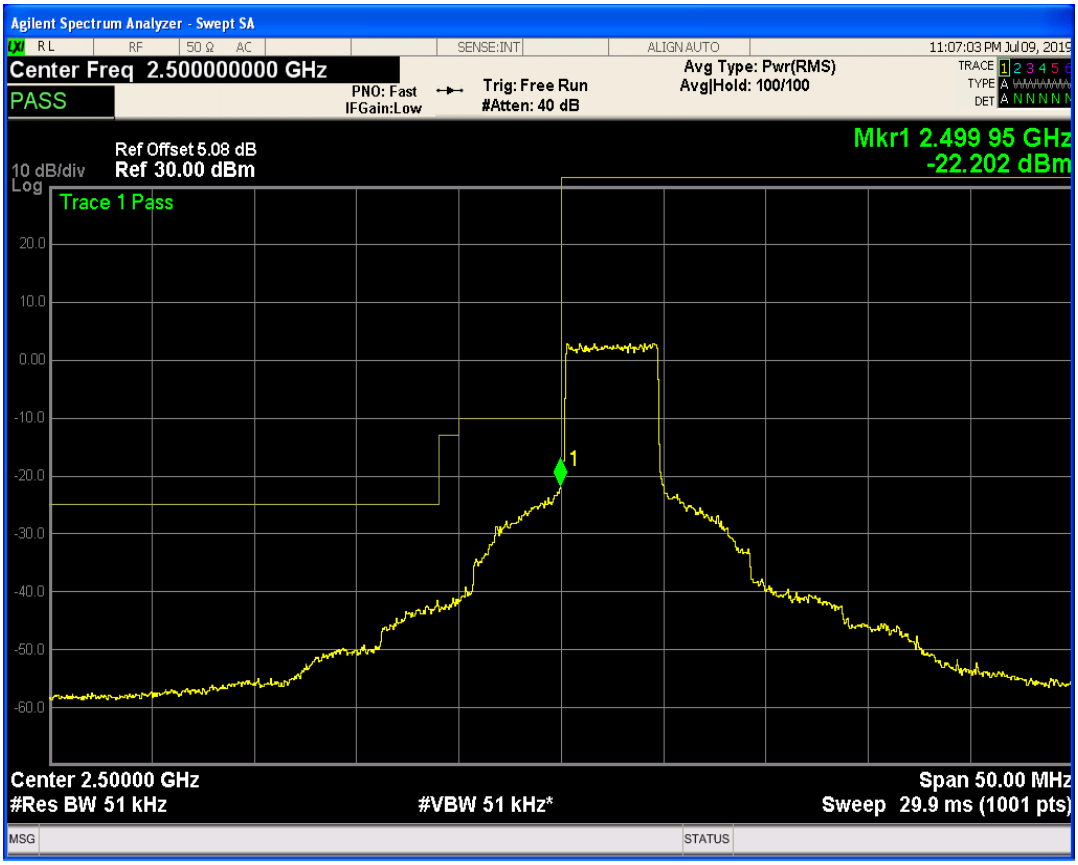
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max



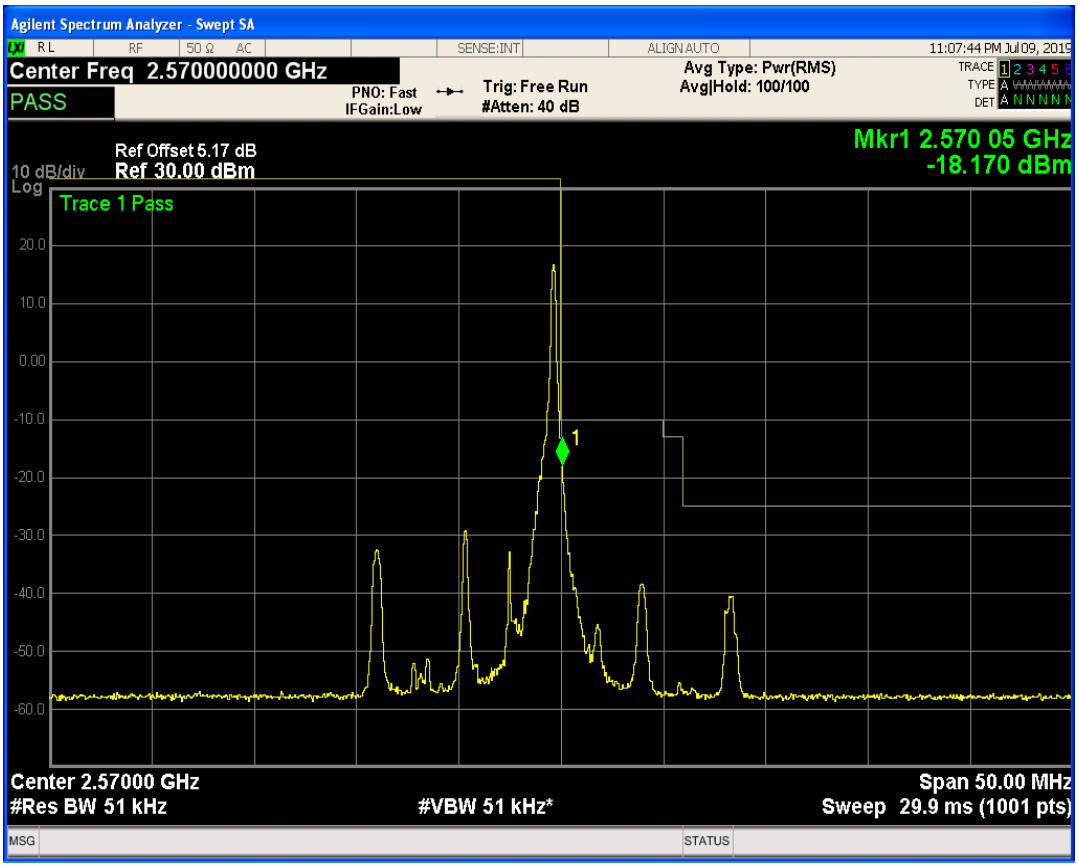
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



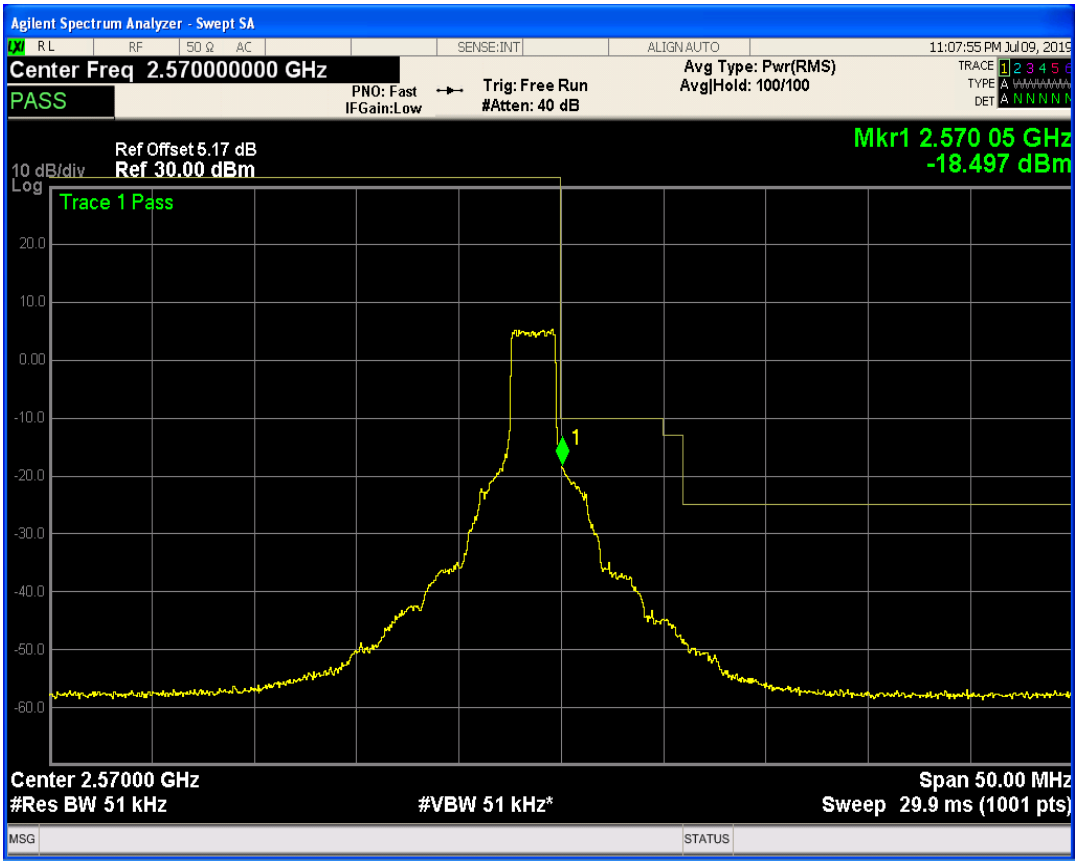
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



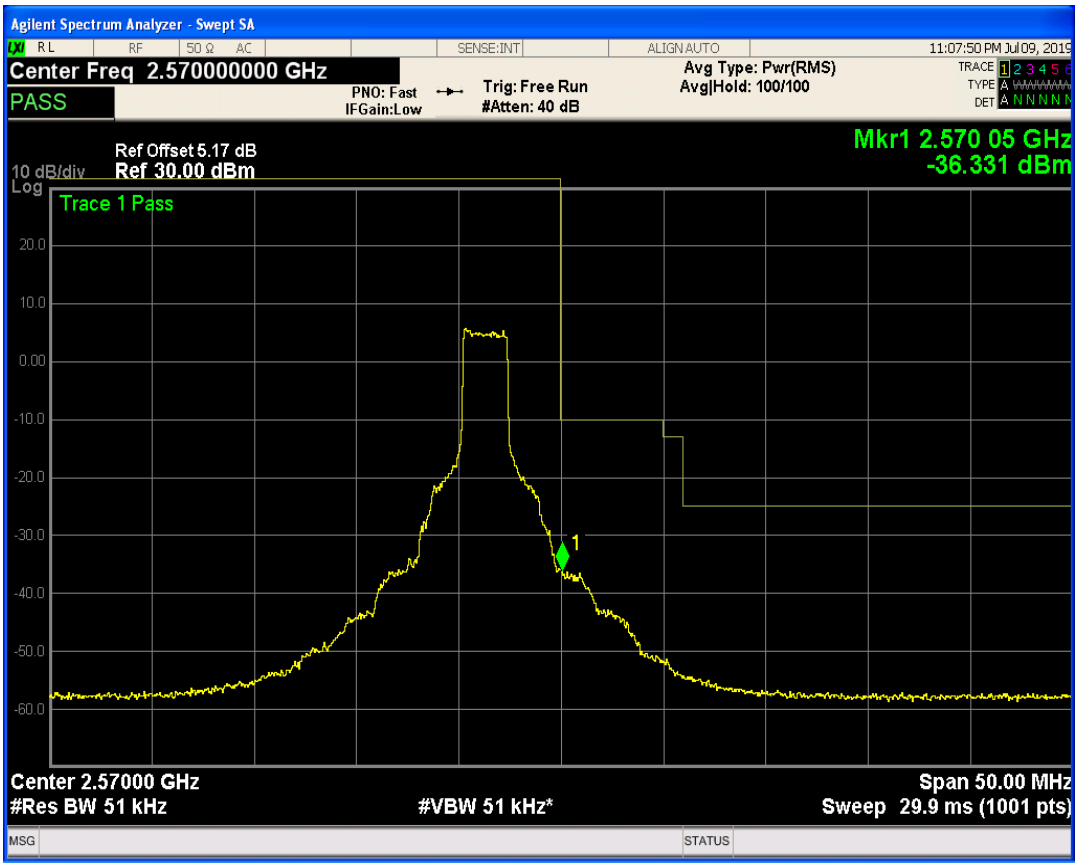
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#Max



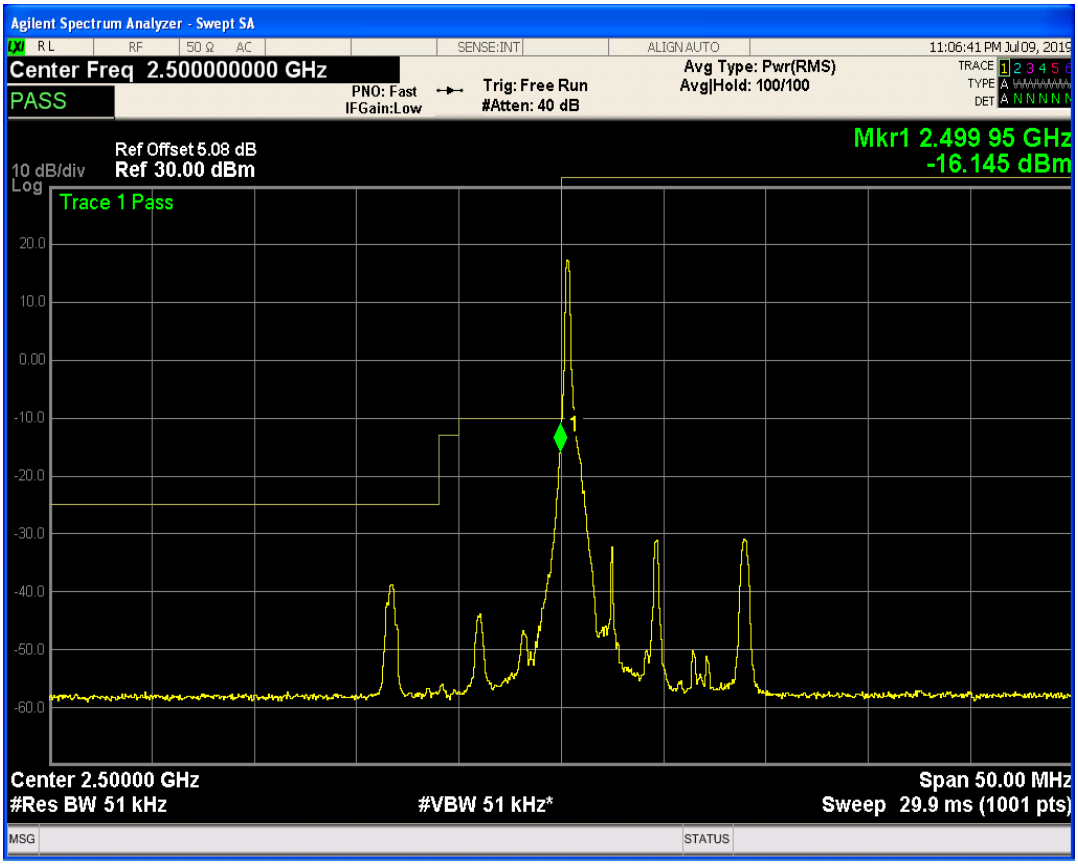
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=12 Position=#Max



LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=12 Position=#0

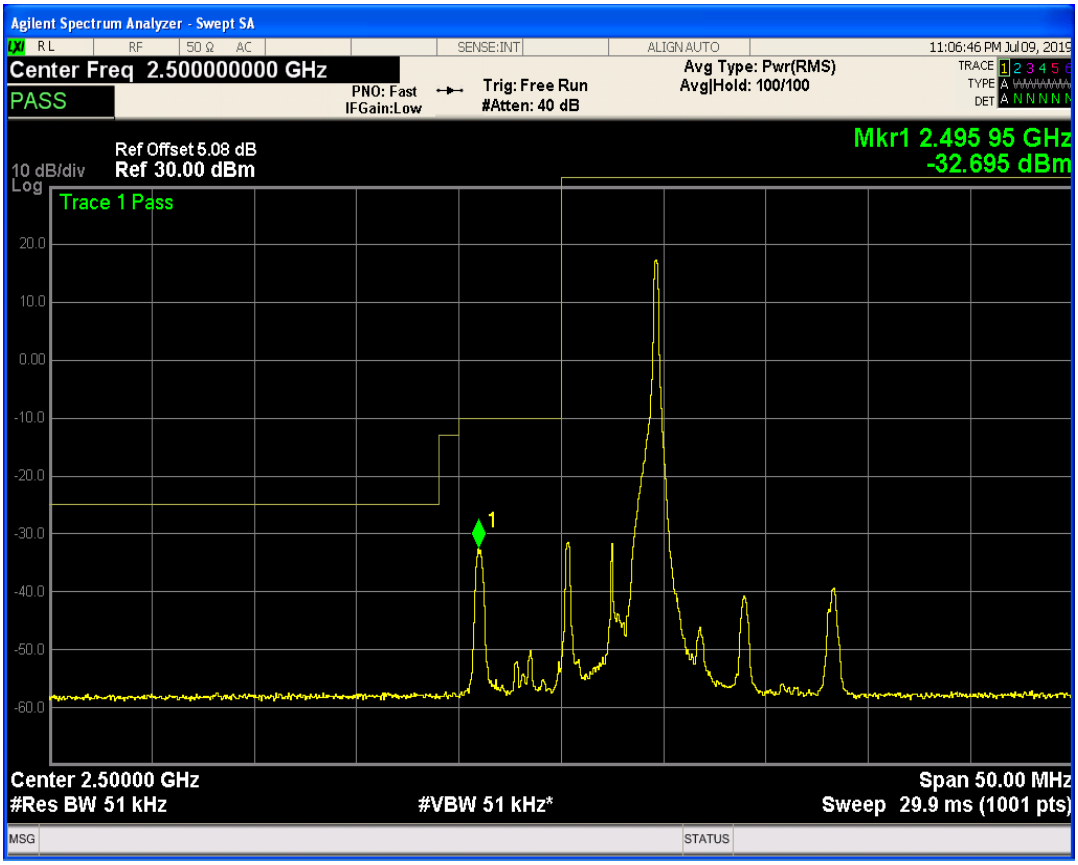


LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0

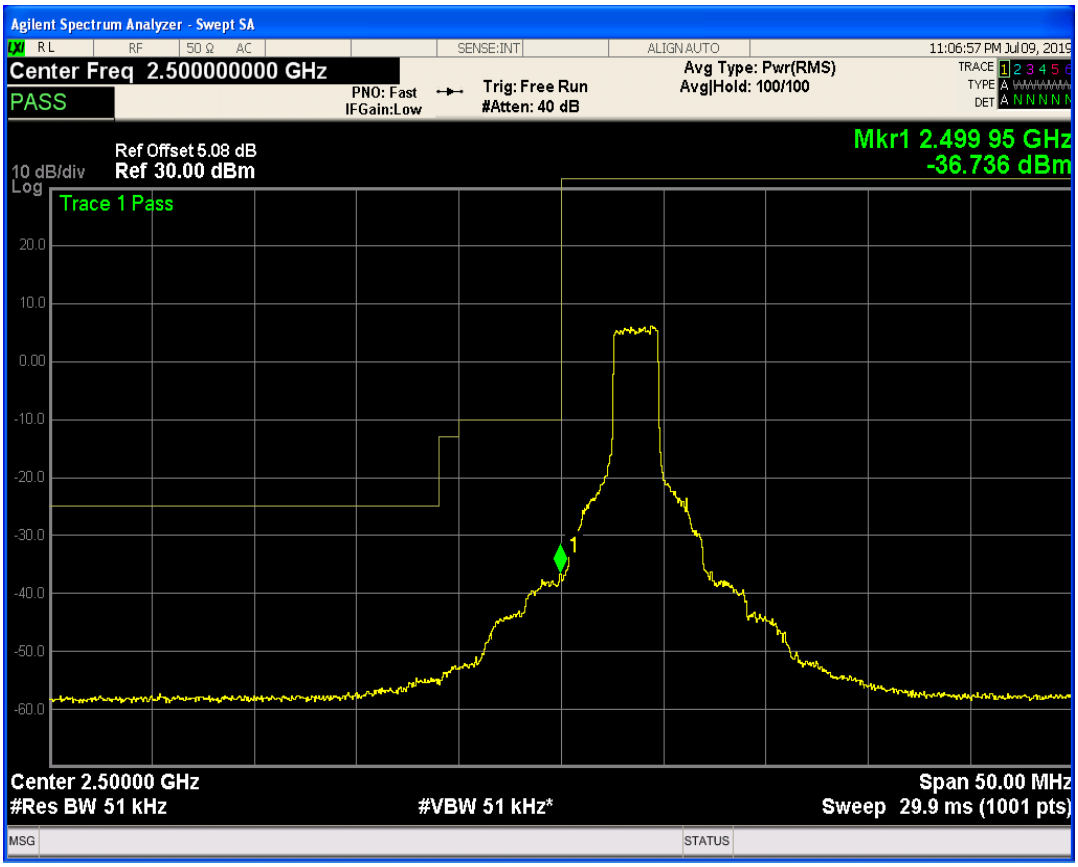


LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=50 Position=#Max

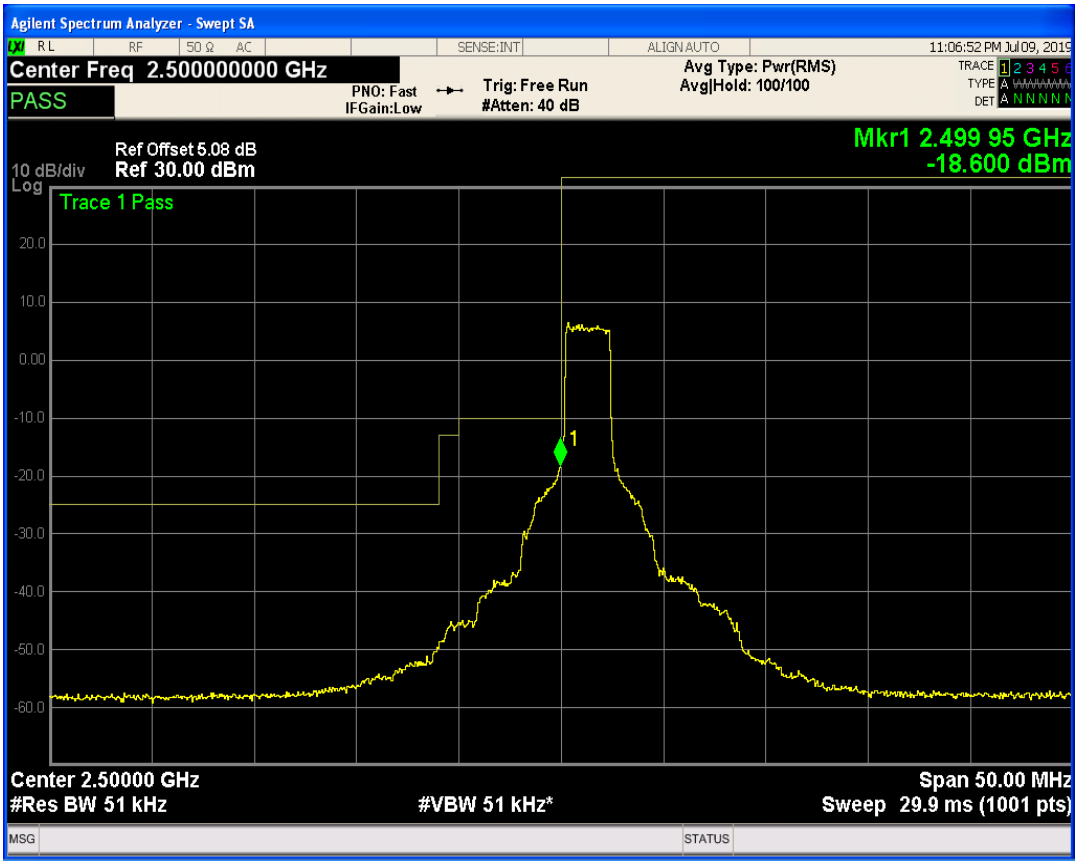
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max



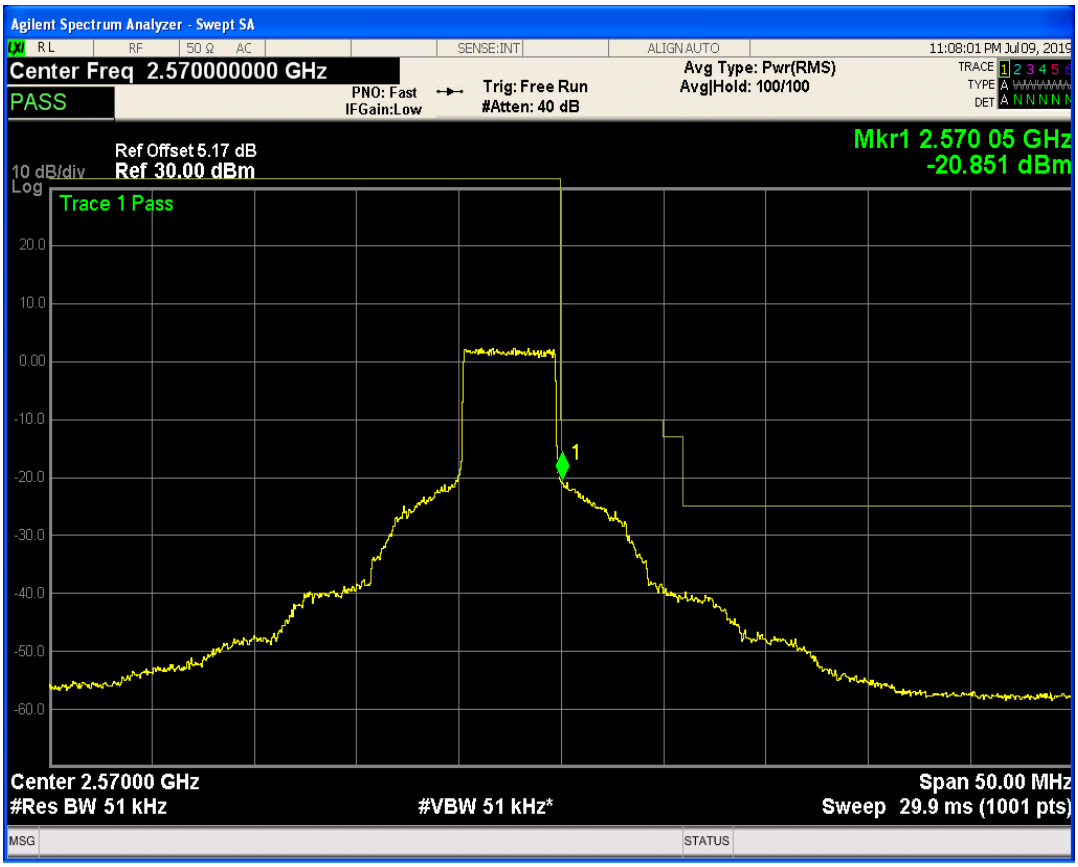
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=12 Position=#Max



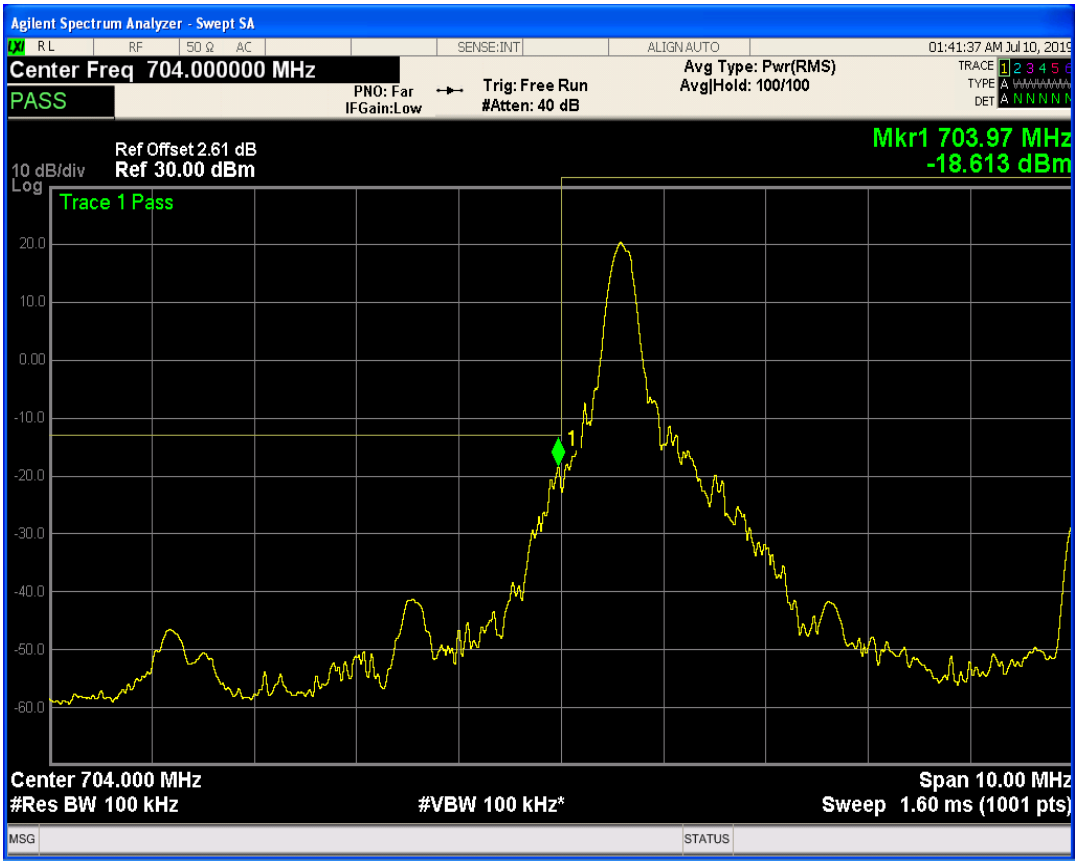
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=12 Position=#0



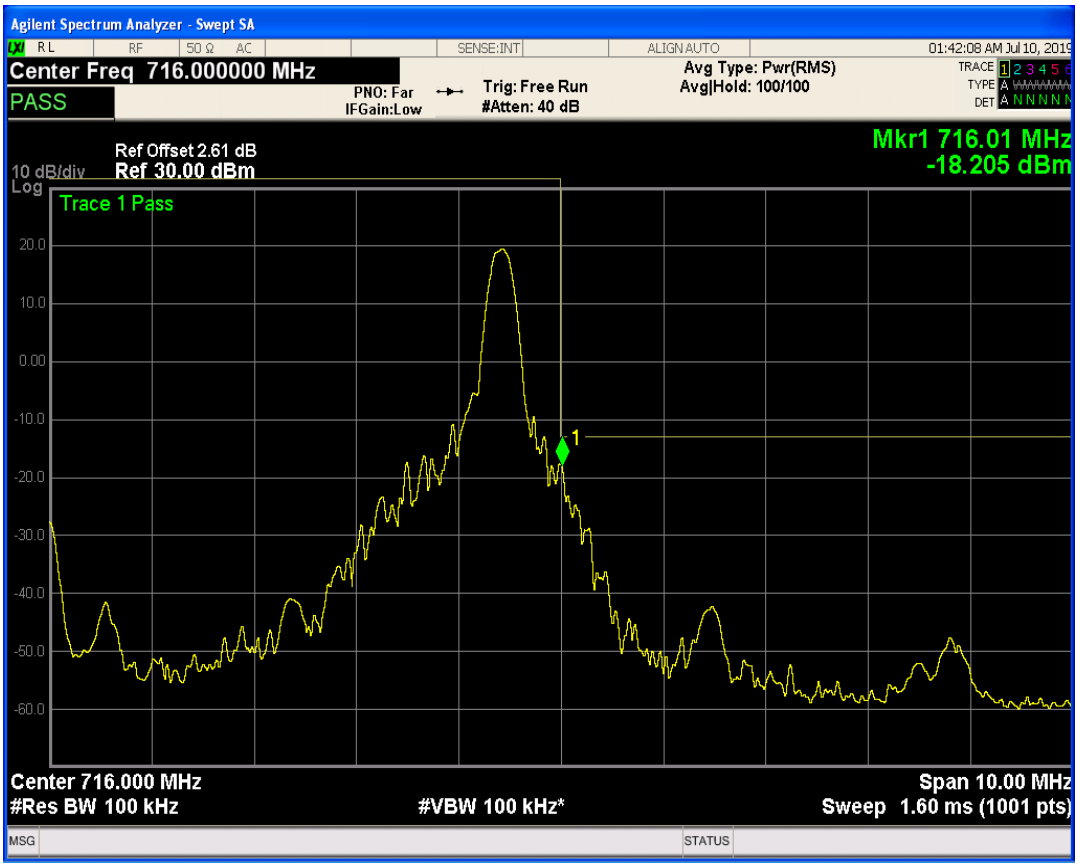
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



LTE Band17 QAM16 BW=10MHz Channel=23780 RB Size=1 Position=#0



LTE Band17 QAM16 BW=10MHz Channel=23800 RB Size=1 Position=#Max



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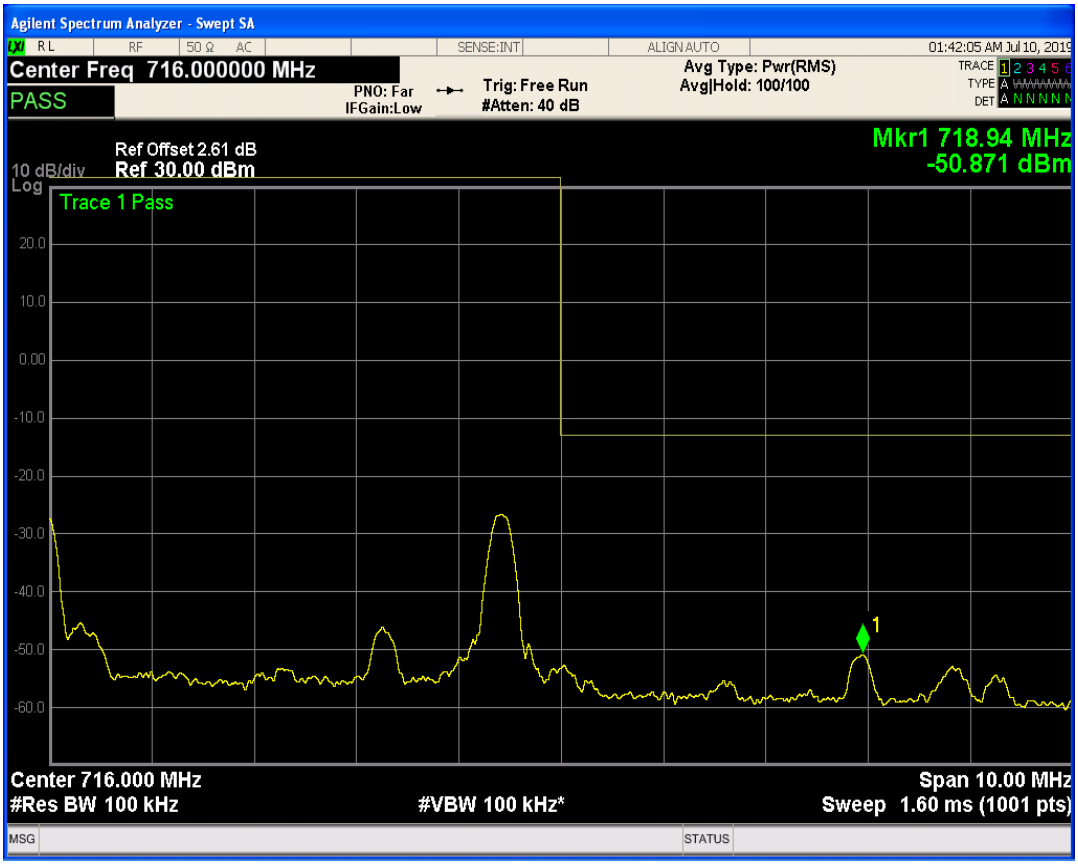
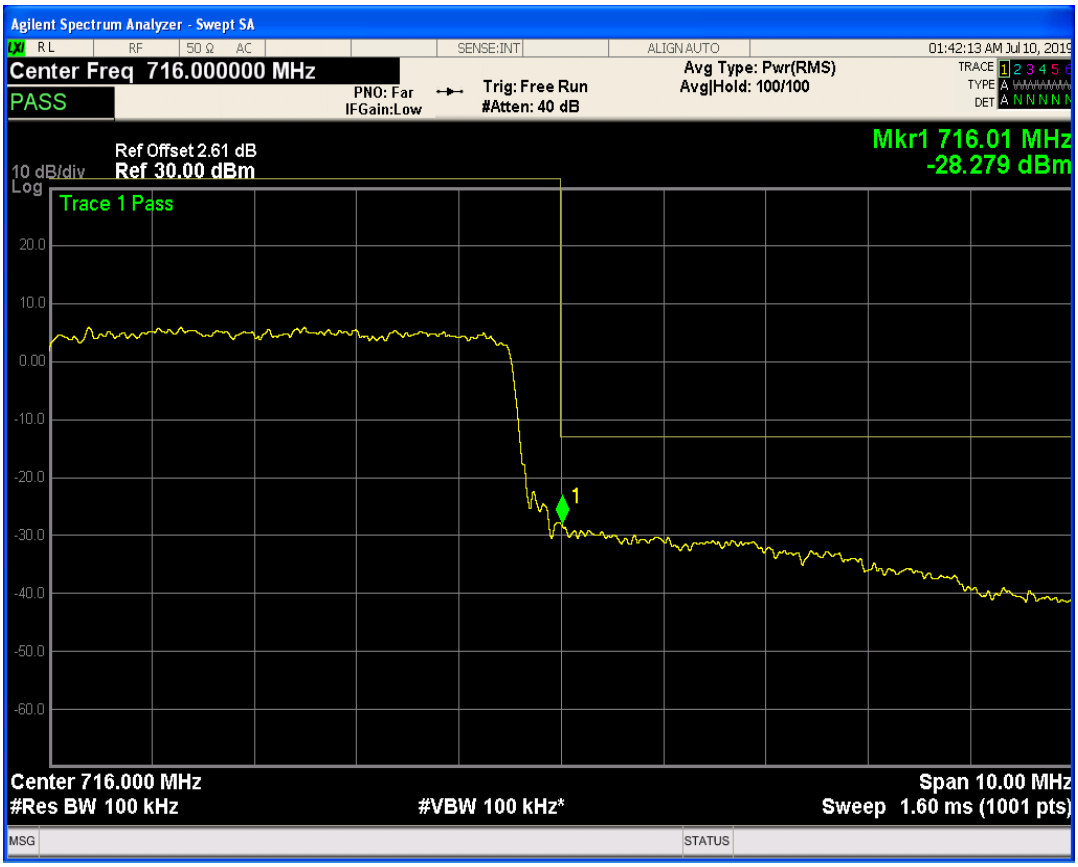
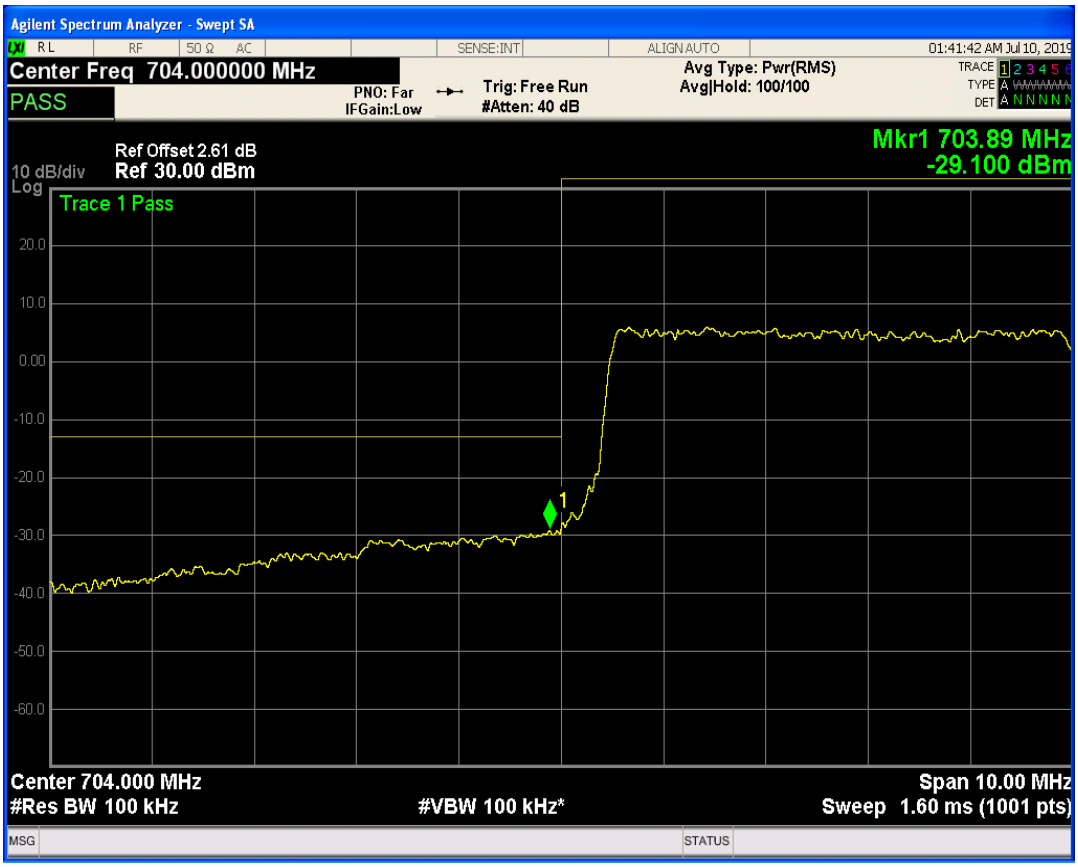


LTE Band17 QAM16 BW=10MHz Channel=23800 RB Size=25 Position=#Max



LTE Band17 QAM16 BW=10MHz Channel=23800 RB Size=25 Position=#0

LTE Band17 QAM16 BW=10MHz Channel=23780 RB Size=25 Position=#0



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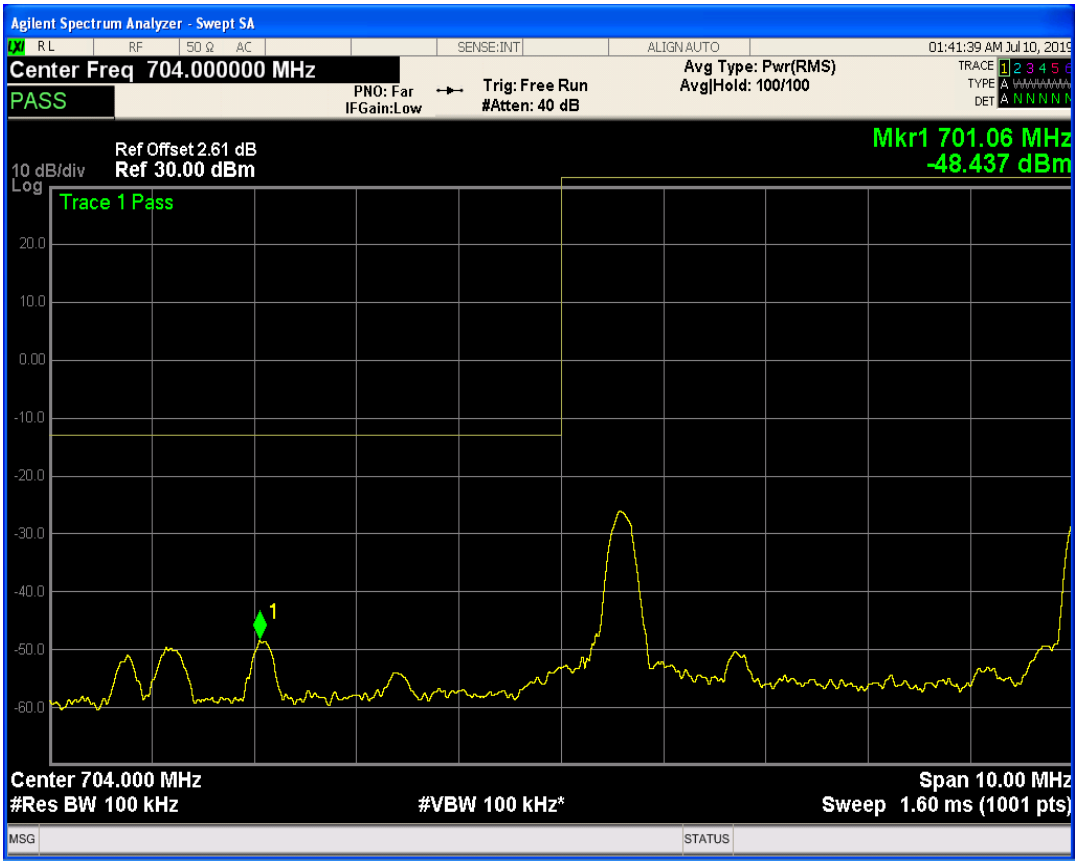

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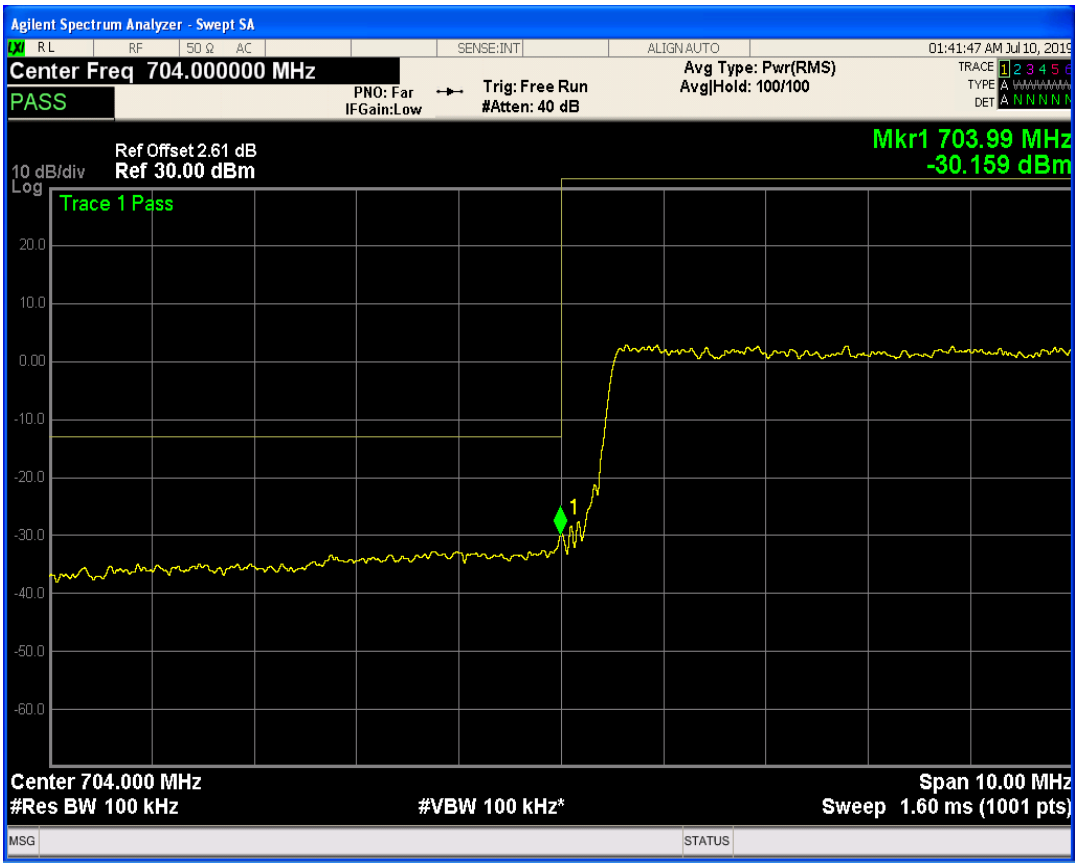

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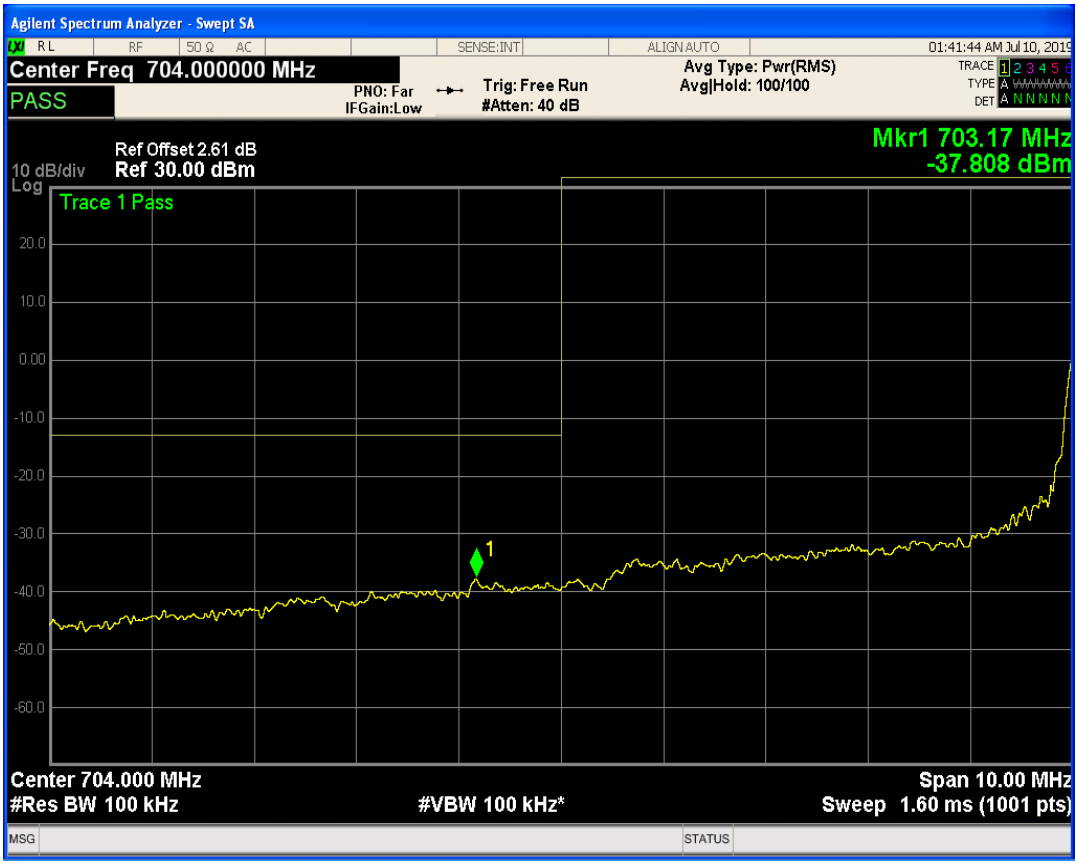

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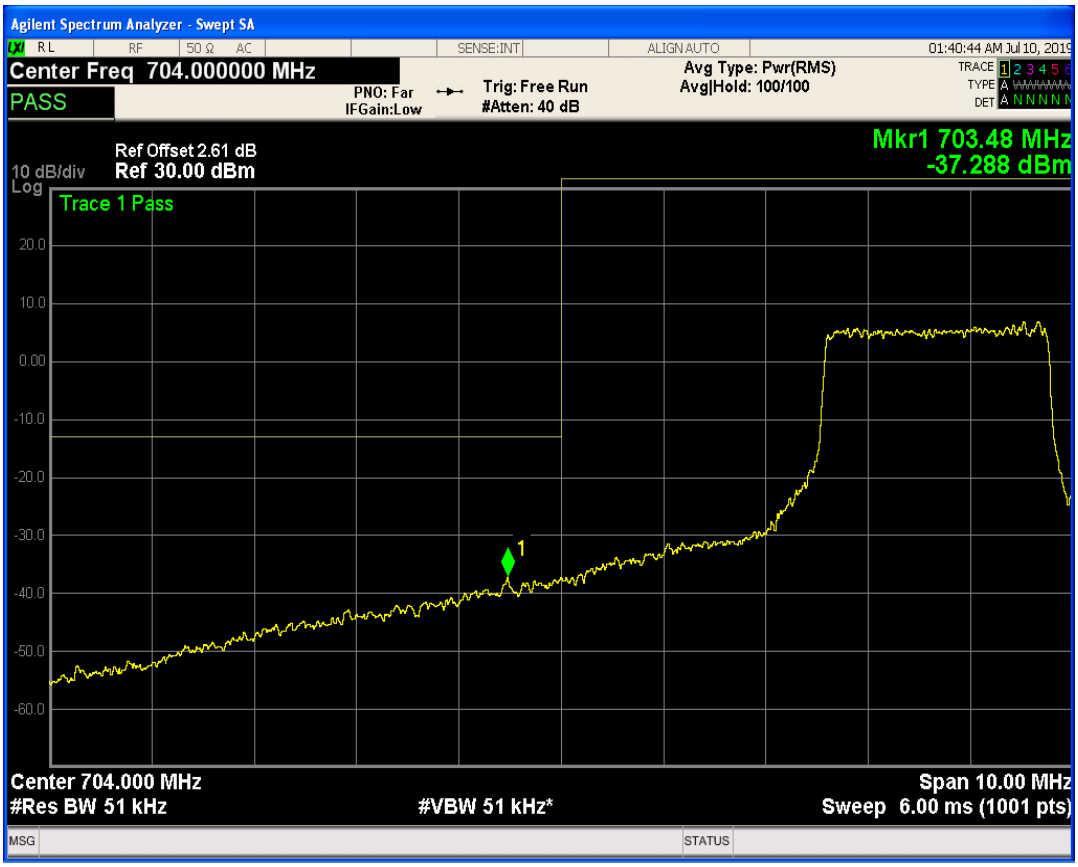

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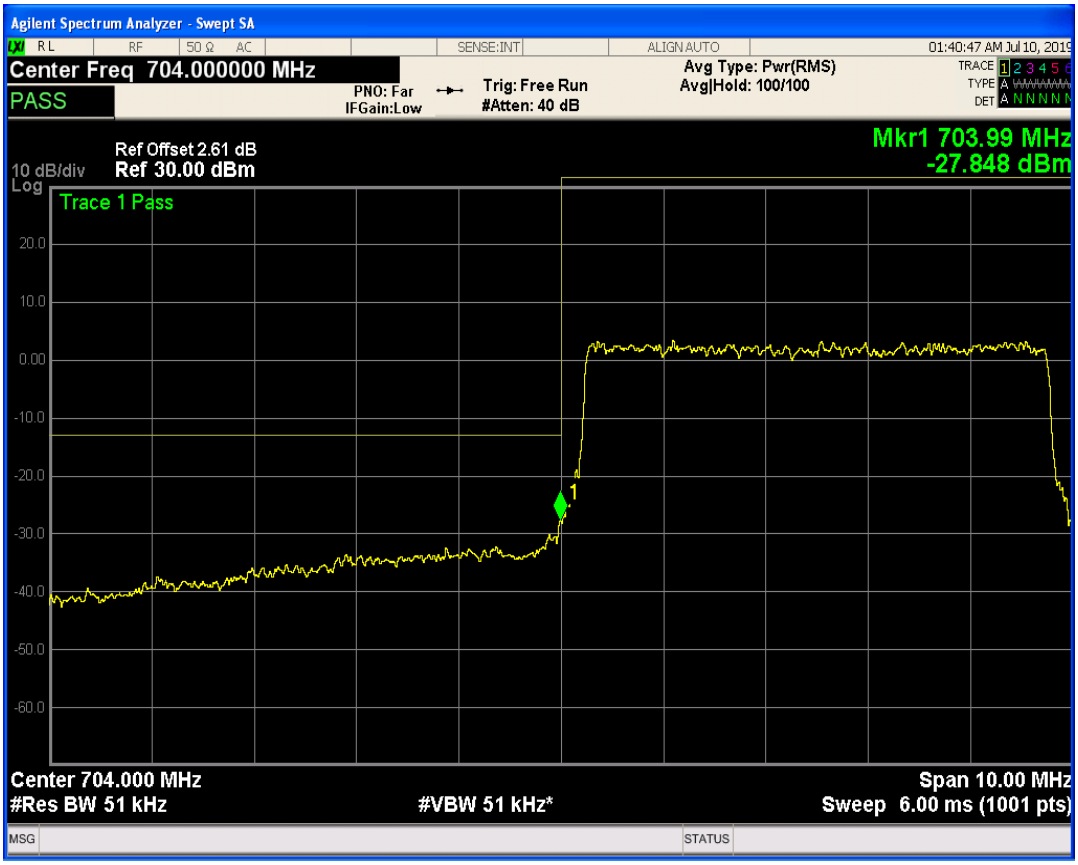

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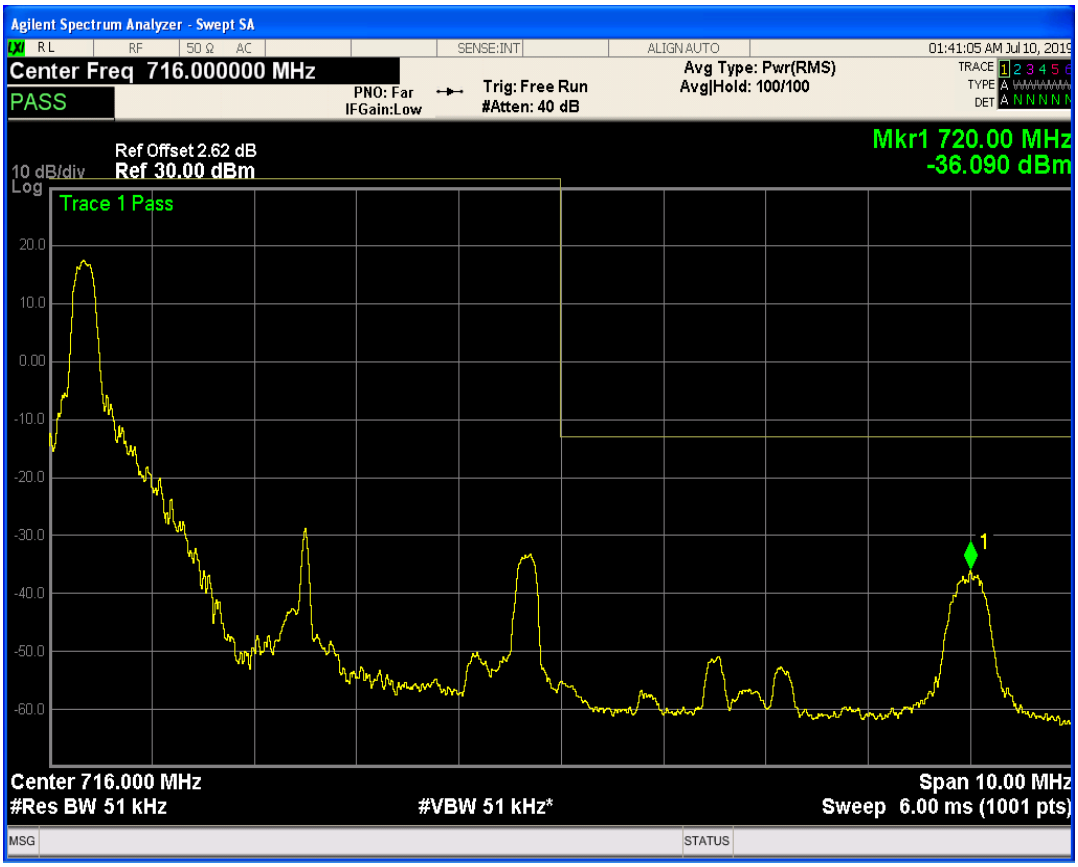
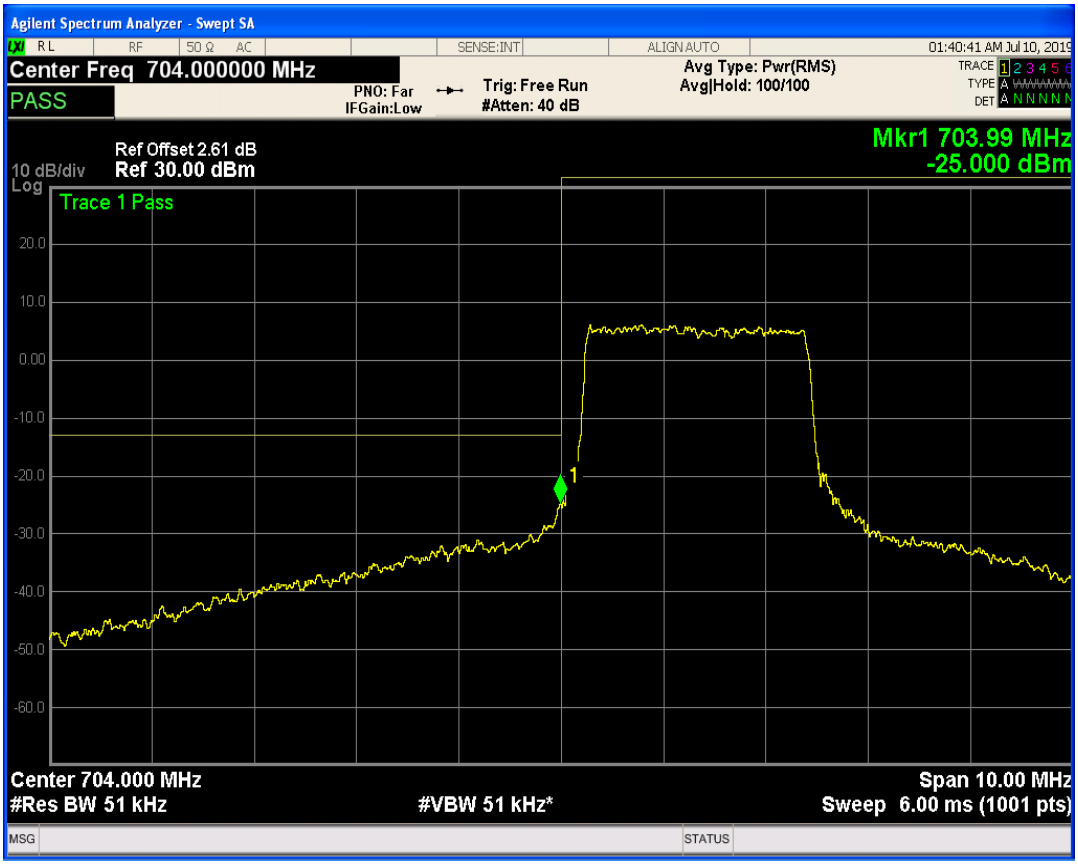
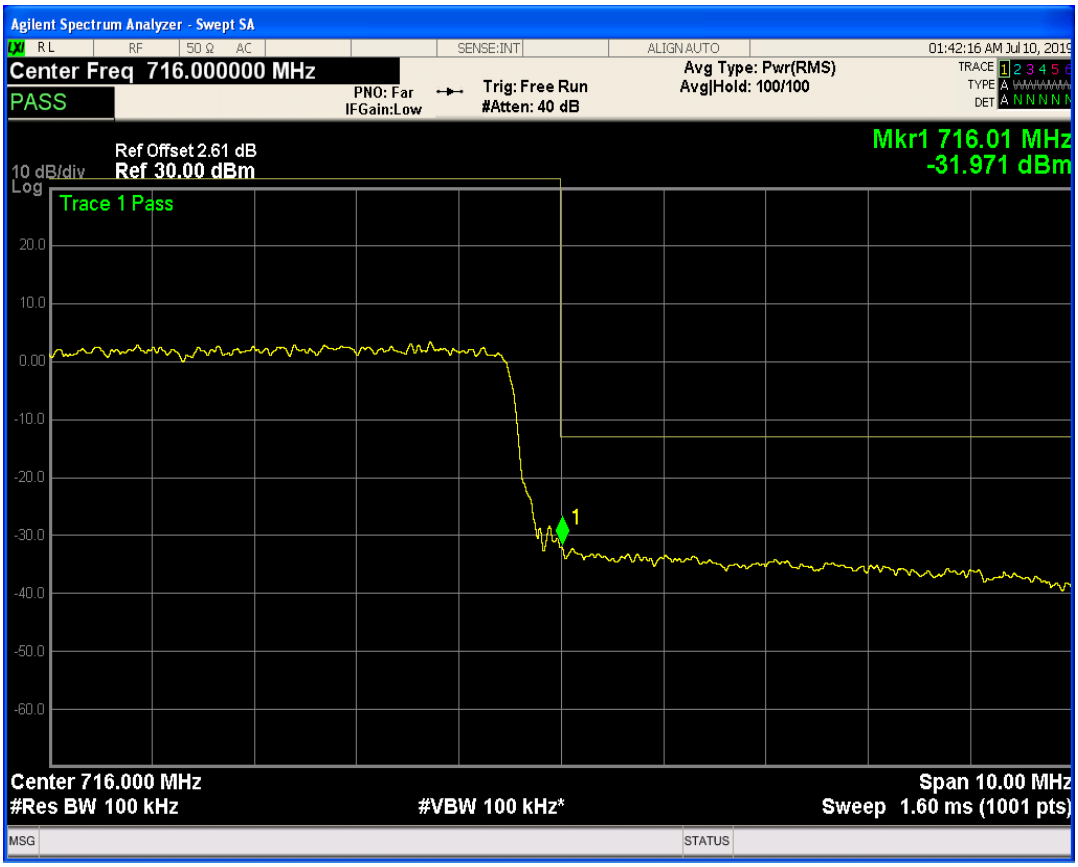


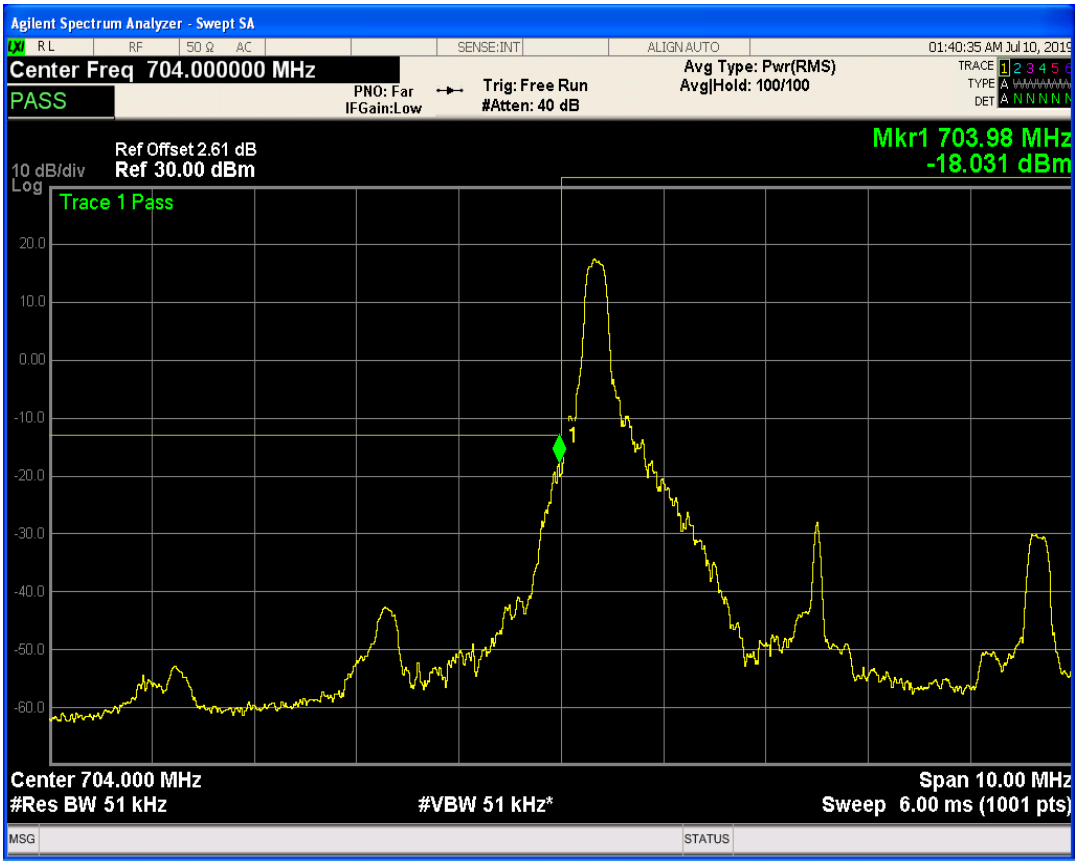
LTE Band17 QAM16 BW=5MHz Channel=23755 RB Size=12 Position=#0



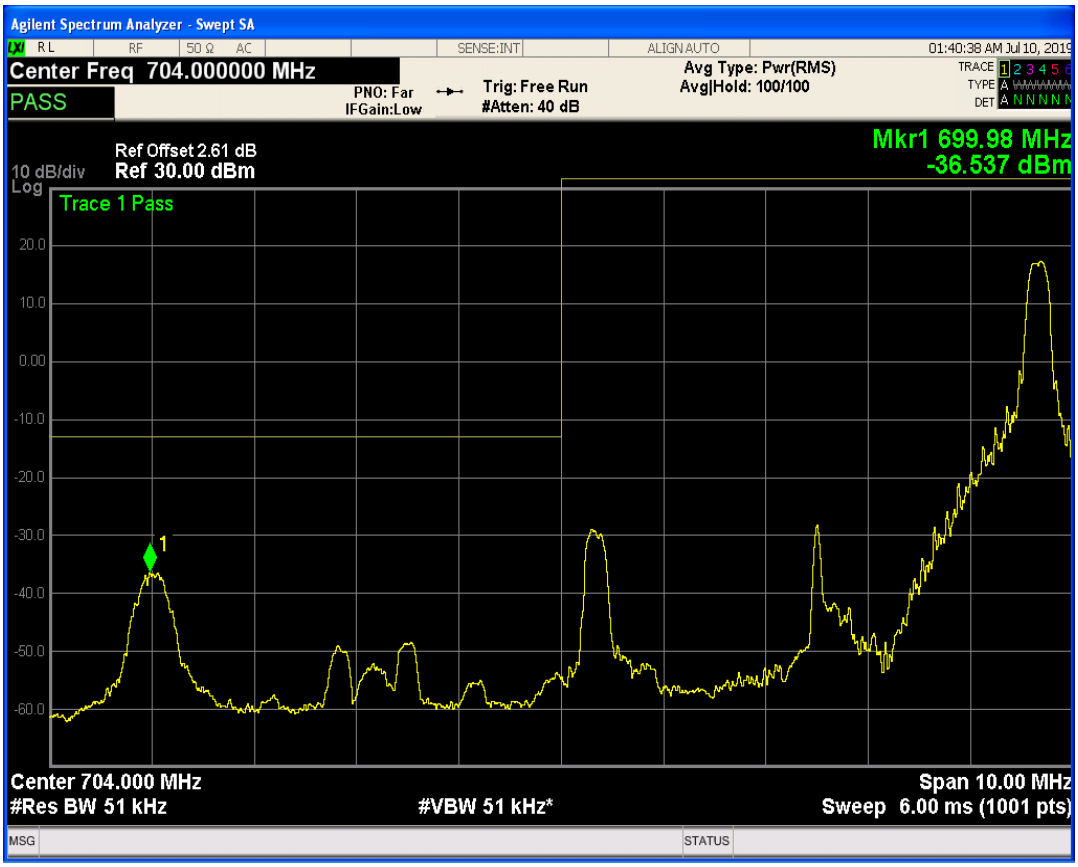
LTE Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



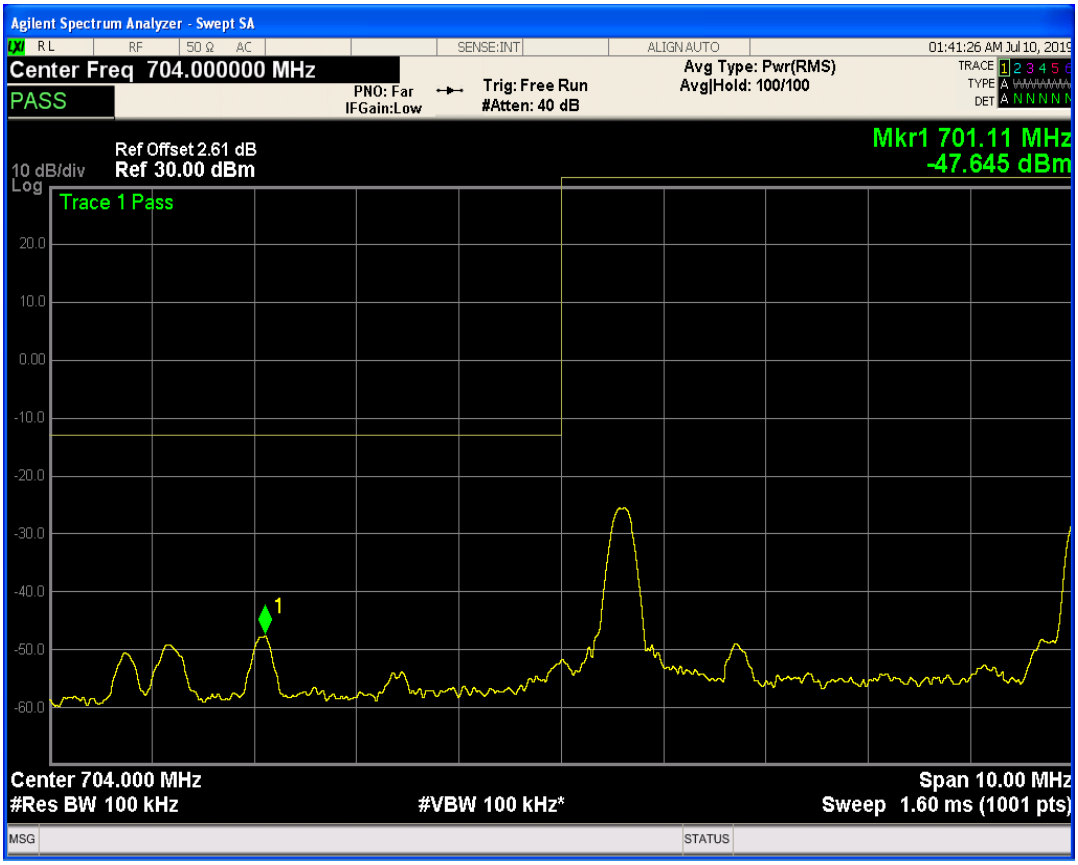
LTE Band17 QAM16 BW=5MHz Channel=23755 RB Size=1 Position=#0



LTE Band17 QAM16 BW=5MHz Channel=23755 RB Size=1 Position=#Max



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



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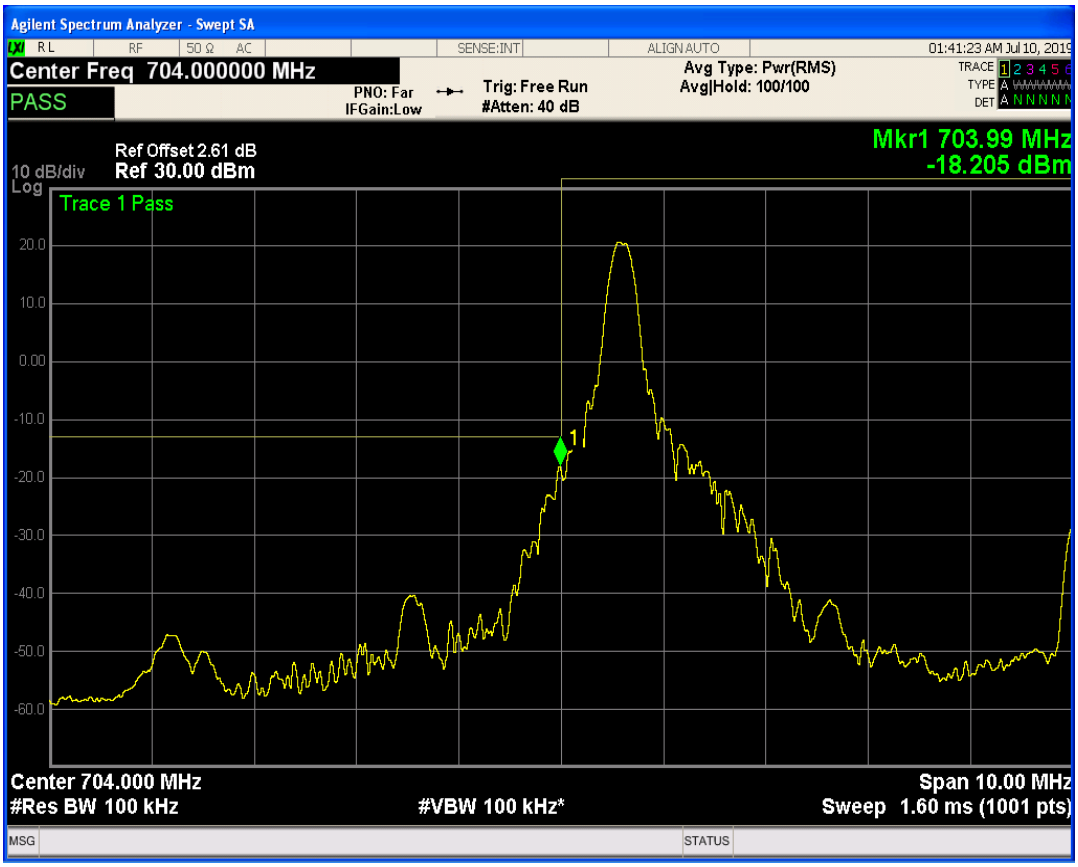

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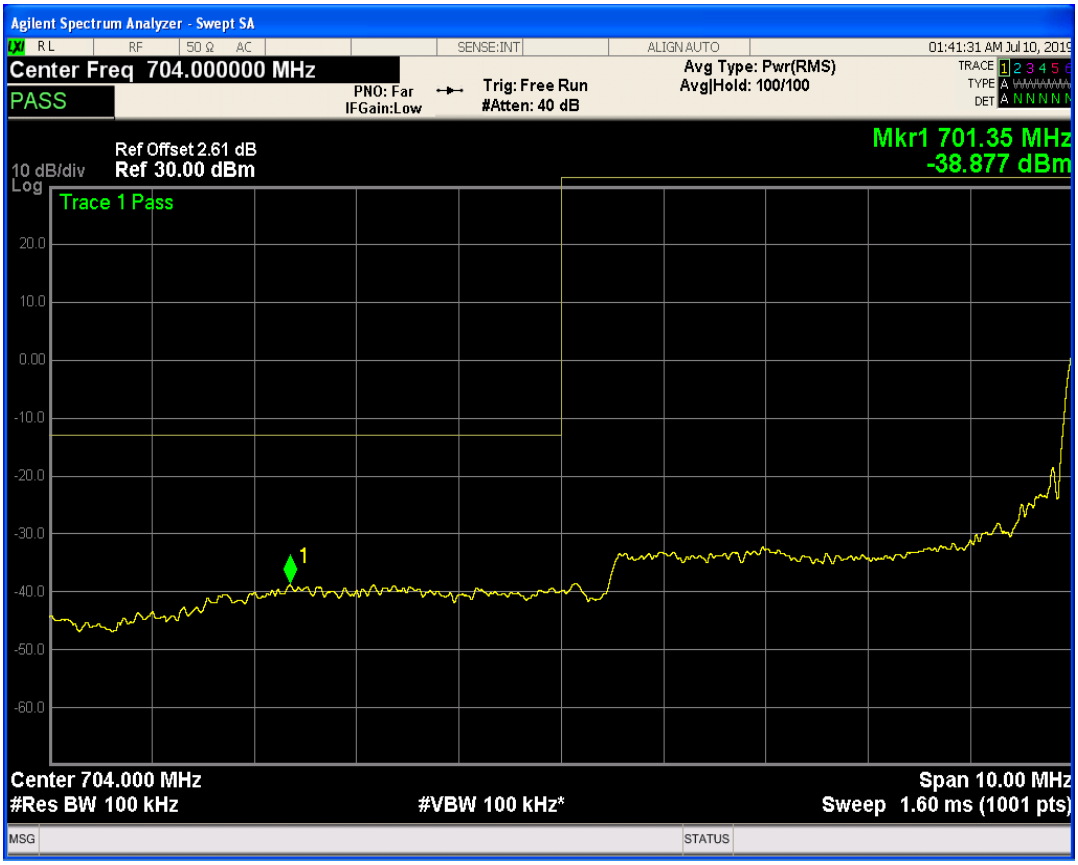
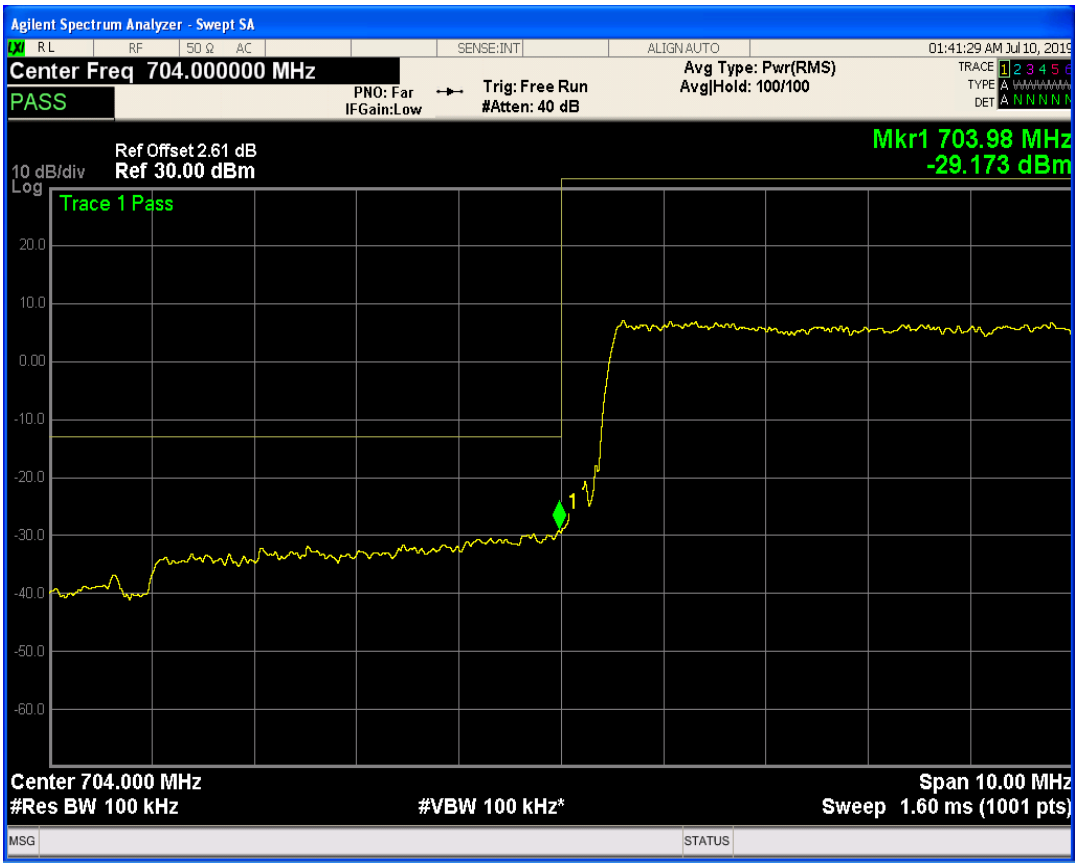
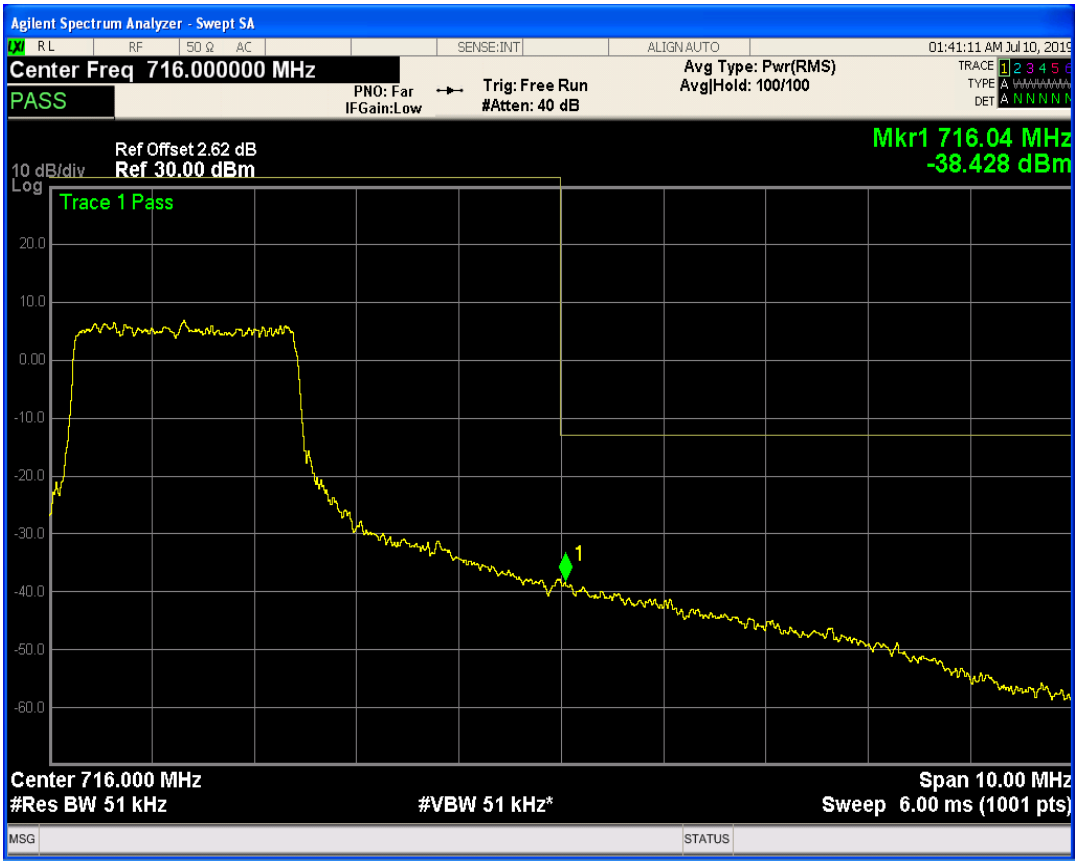


LTE Band17 QPSK BW=10MHz Channel=23780 RB Size=25 Position=#0



LTE Band17 QAM16 BW=5MHz Channel=23825 RB Size=12 Position=#0



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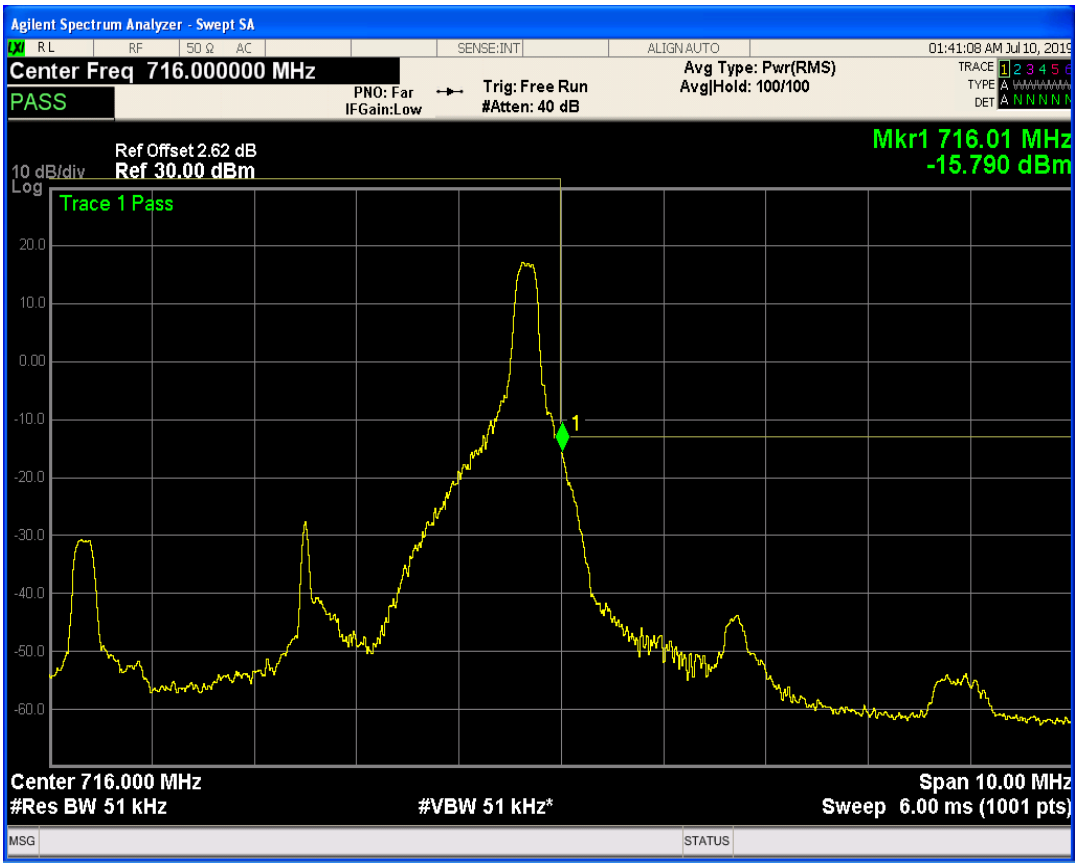
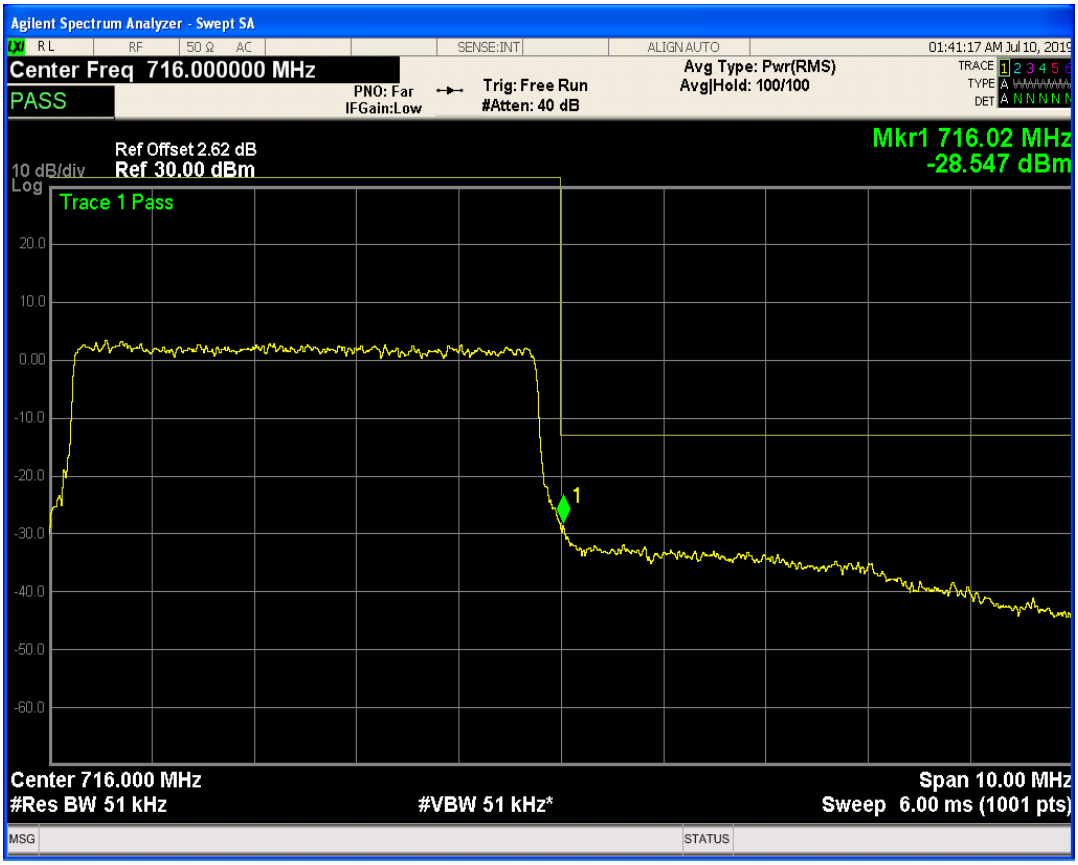
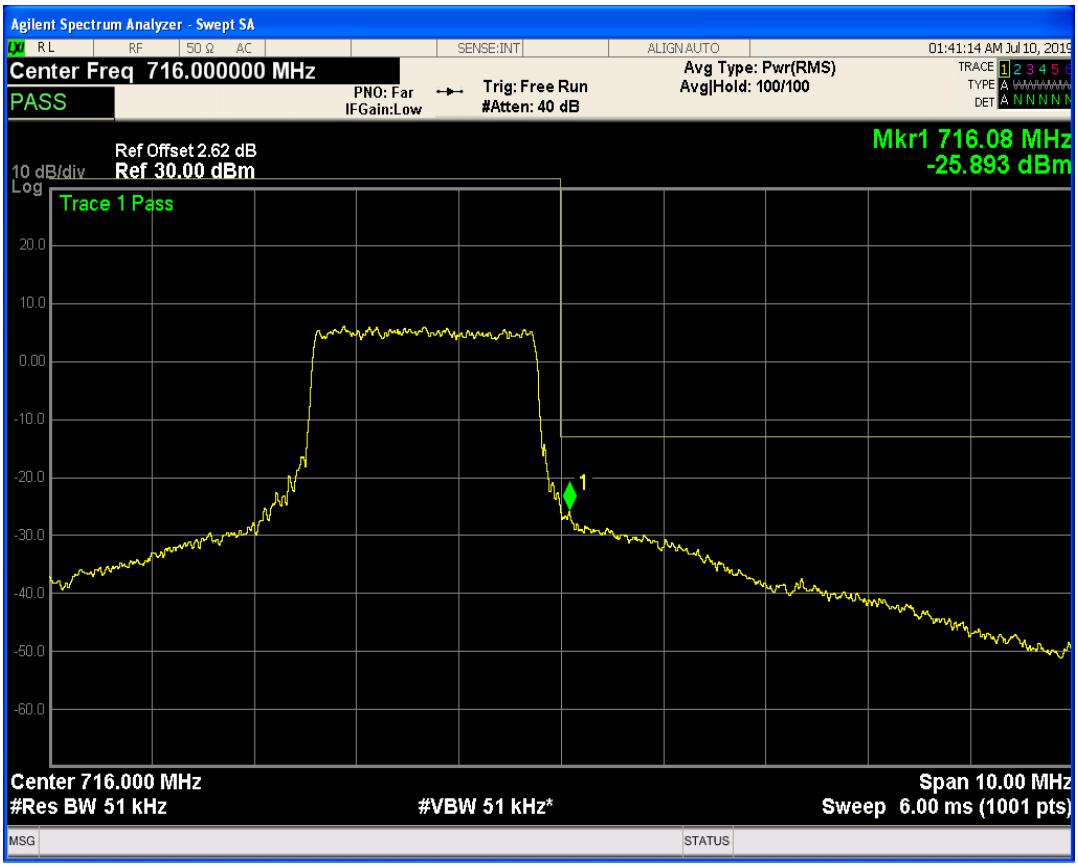


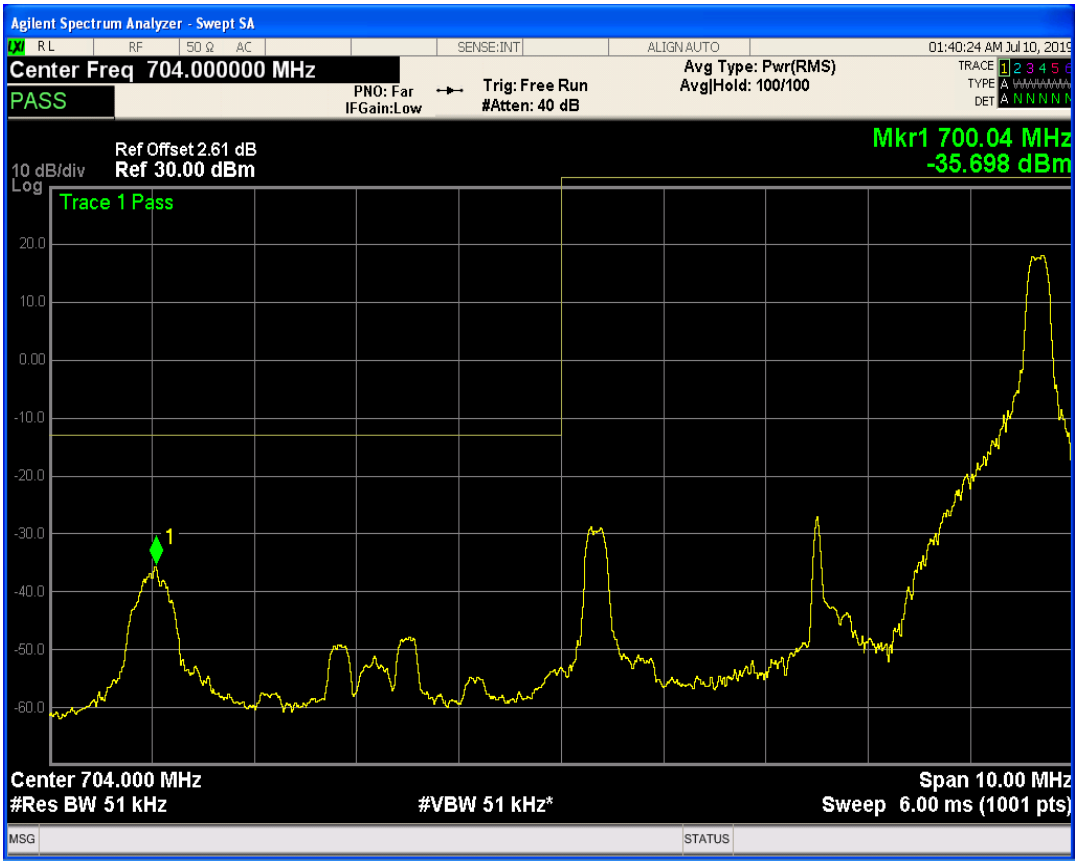
LTE Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



LTE Band17 QAM16 BW=5MHz Channel=23825 RB Size=12 Position=#Max



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



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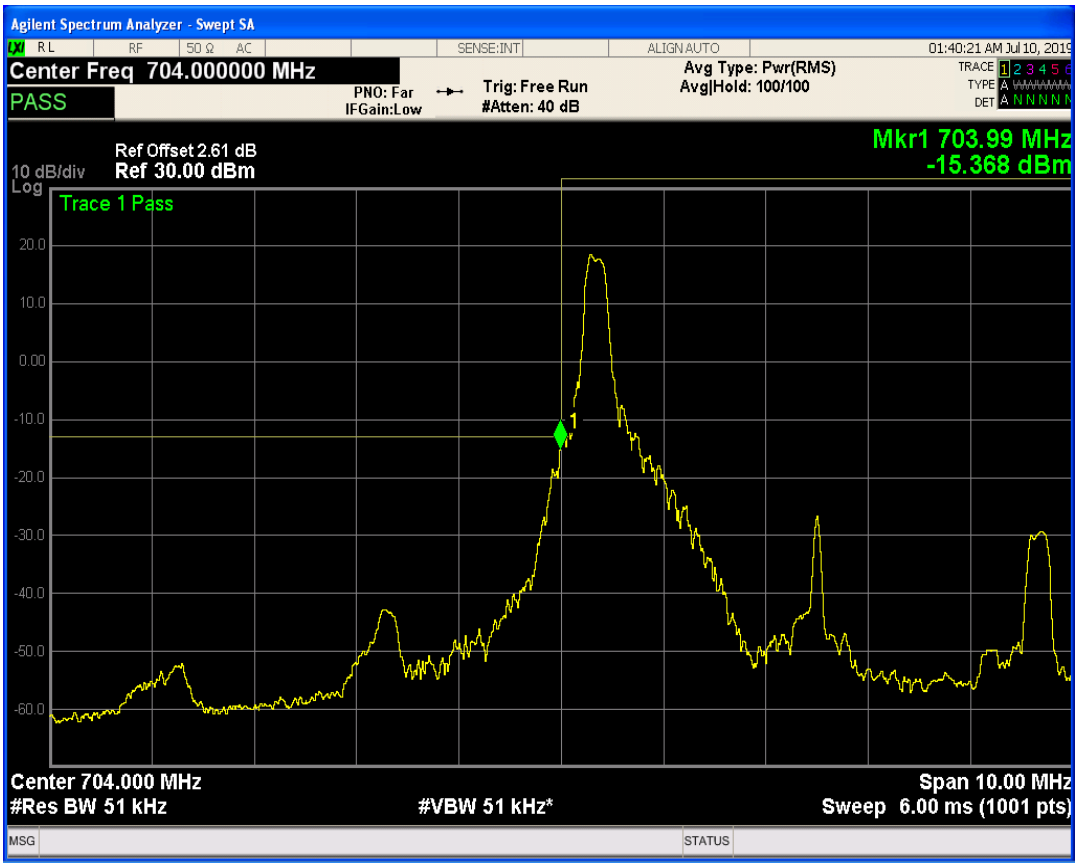
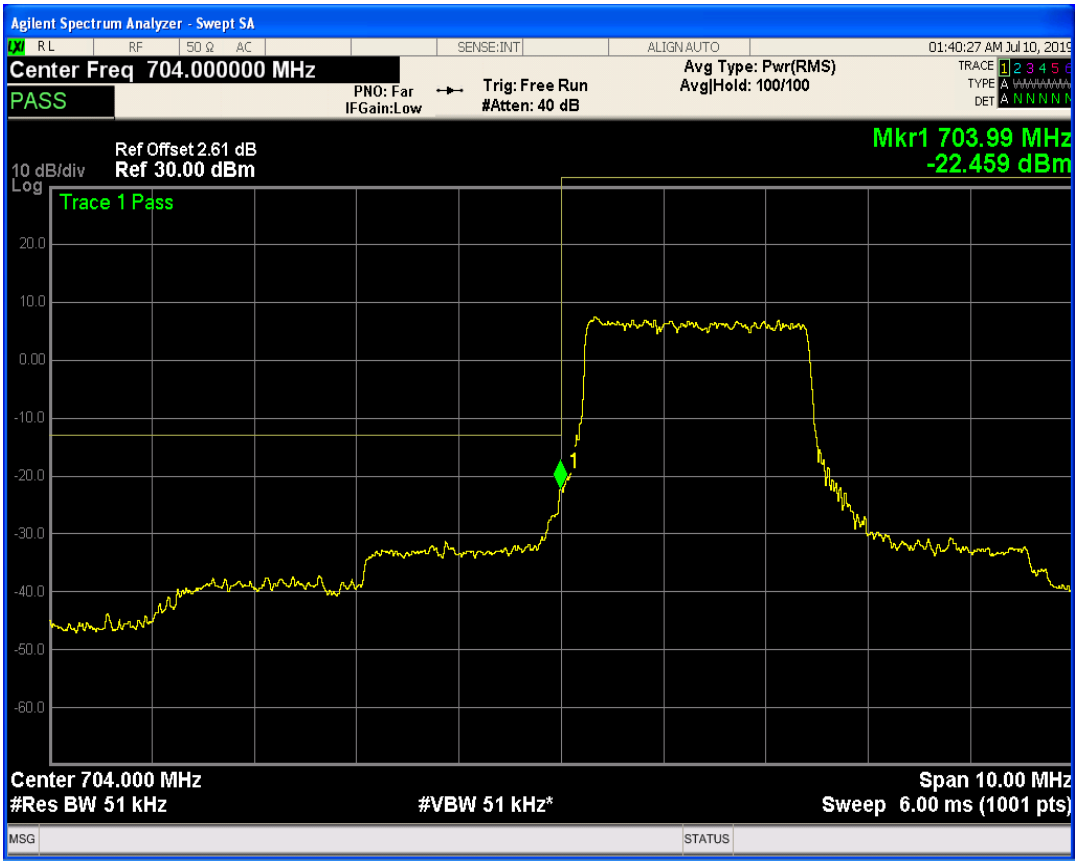


LTE Band17 QPSK BW=5MHz Channel=23755 RB Size=12 Position=#0



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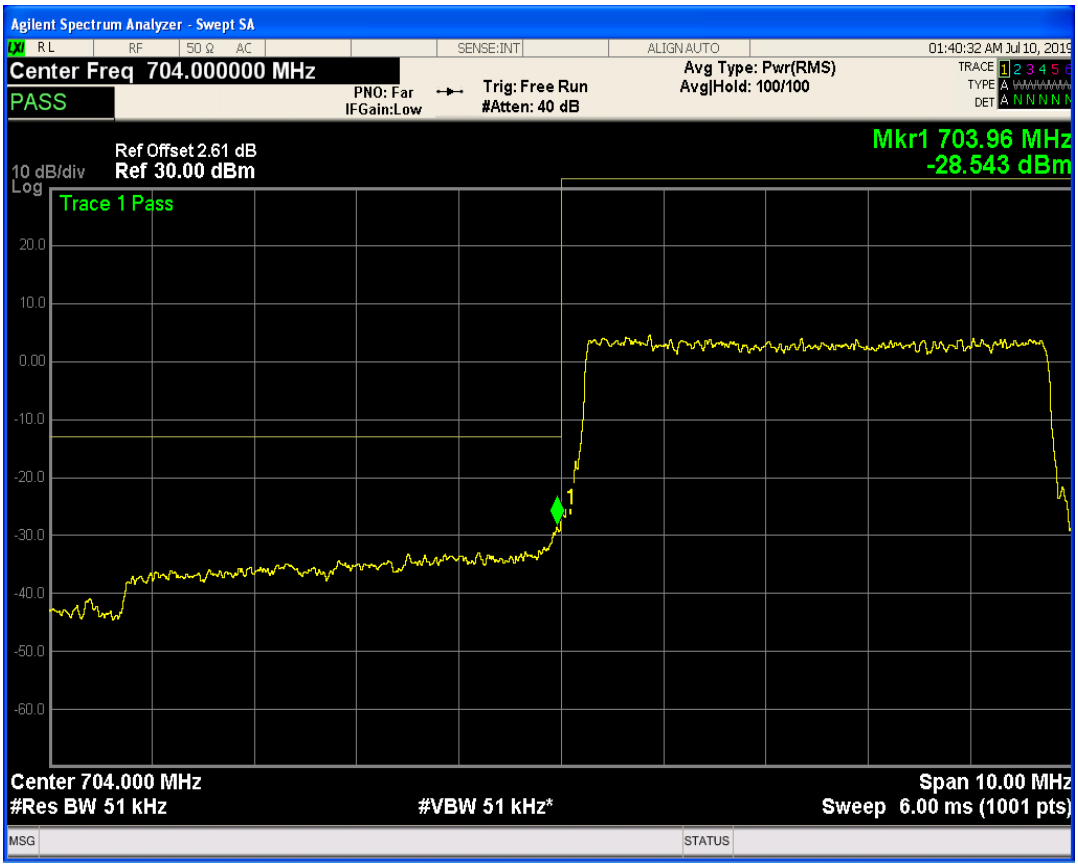
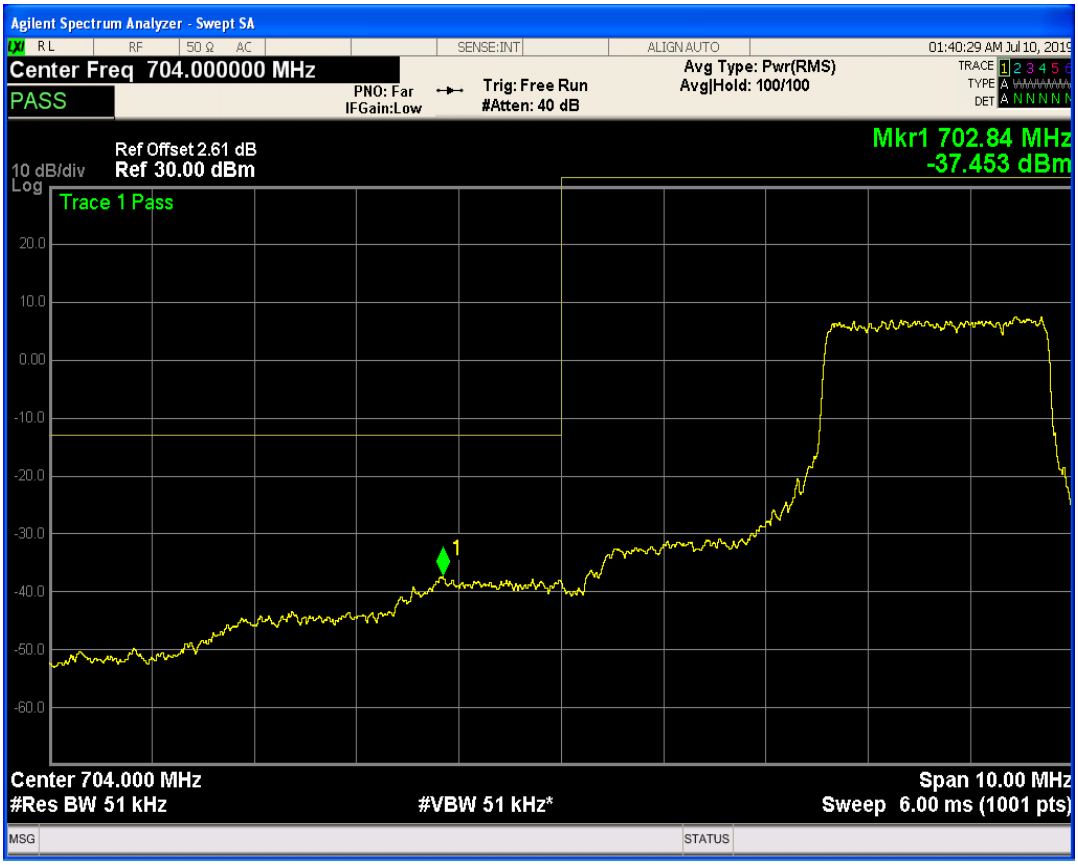
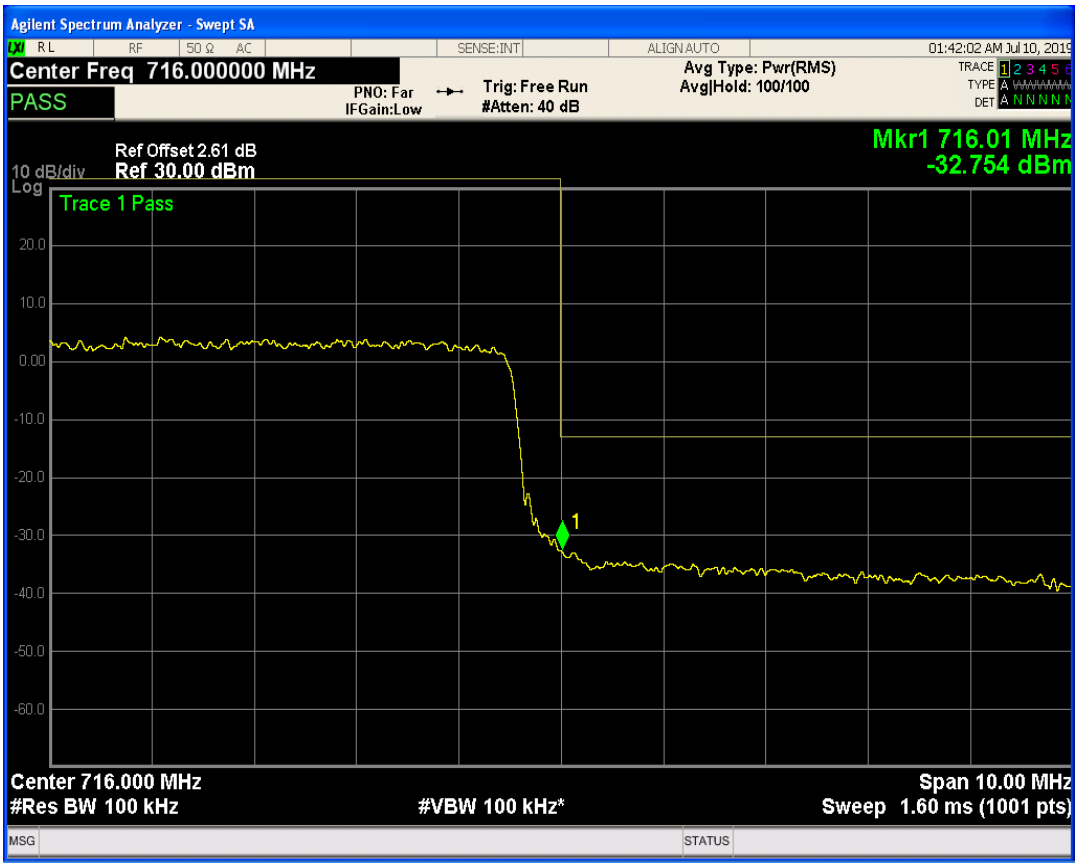


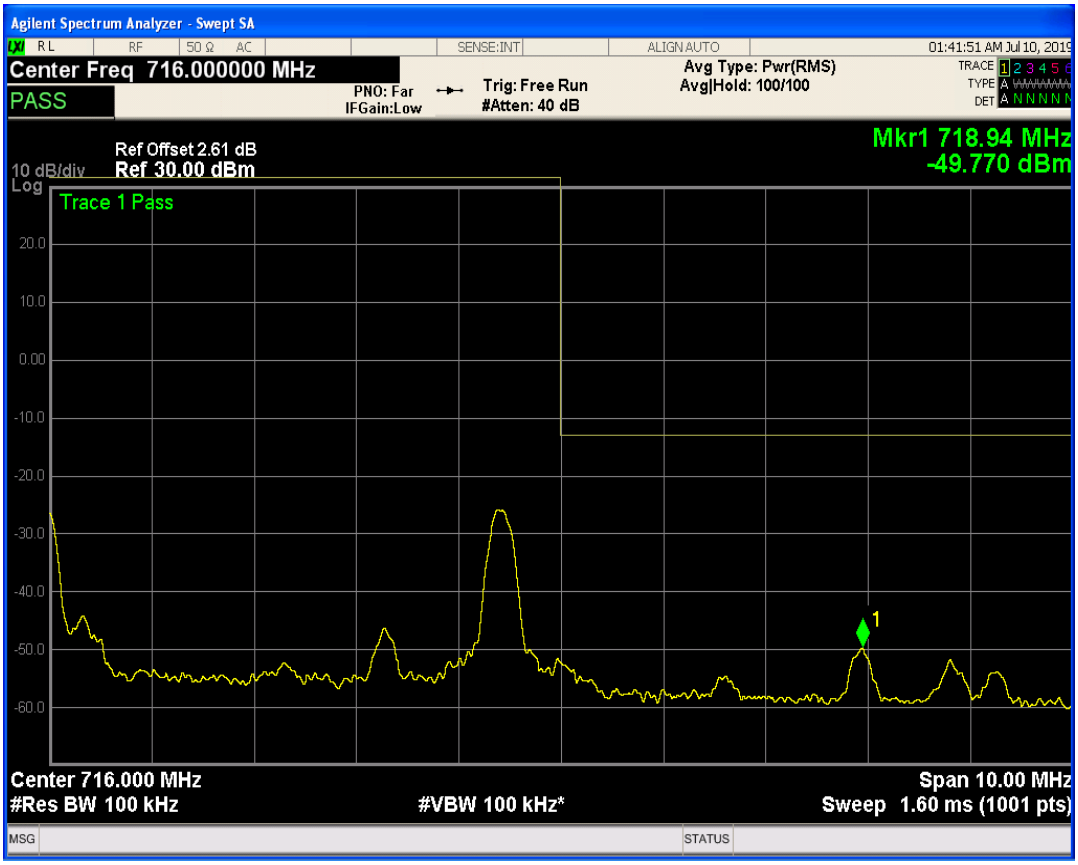
LTE Band17 QPSK BW=5MHz Channel=23755 RB Size=12 Position=#Max



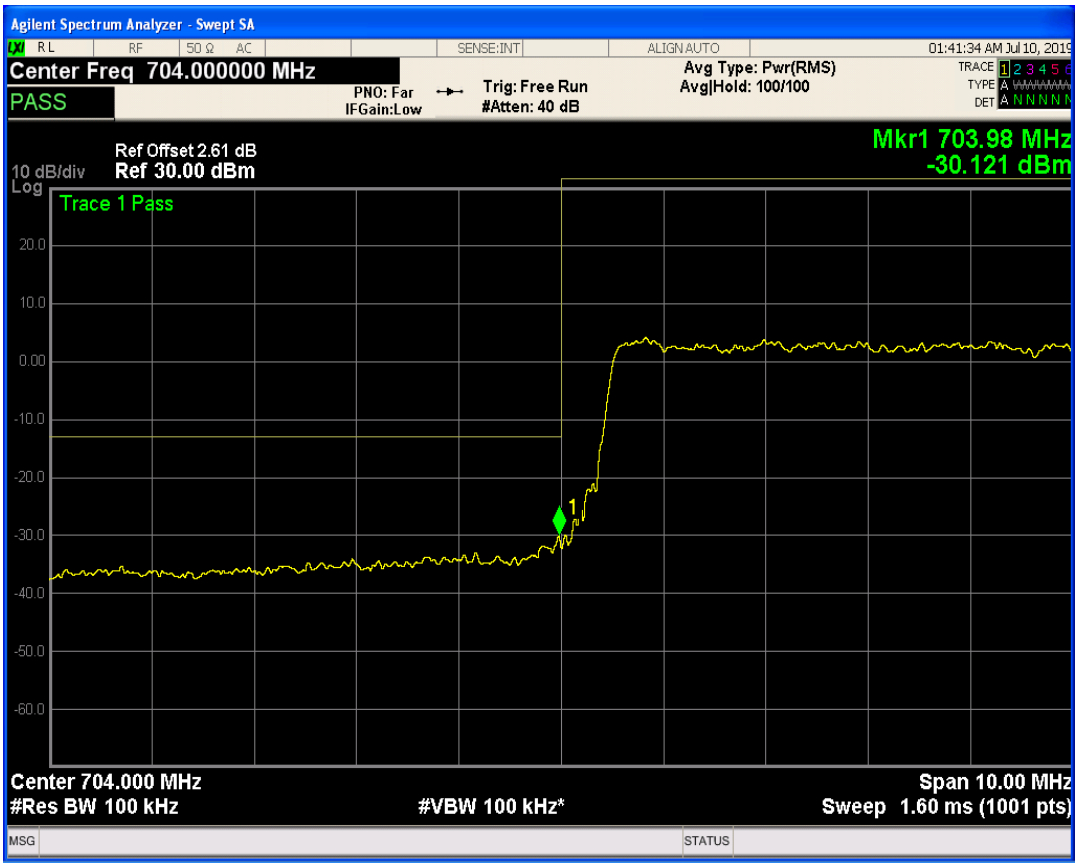
LTE Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



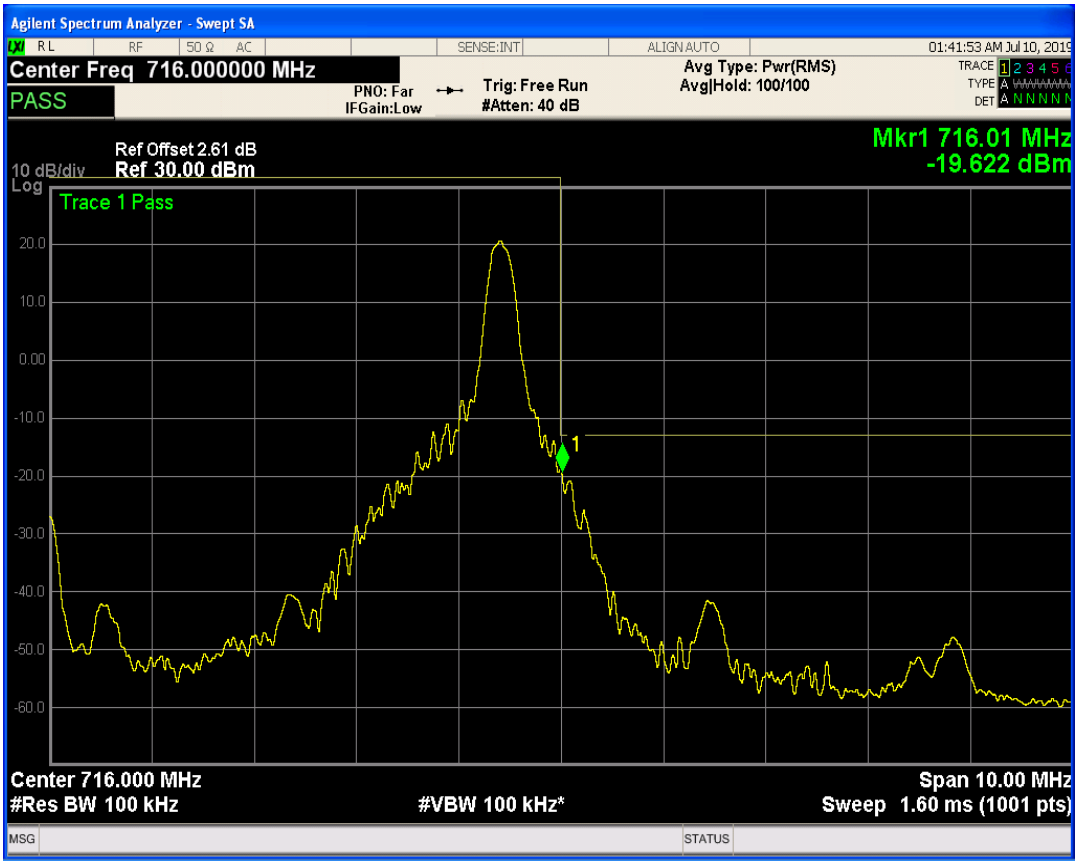
LTE Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



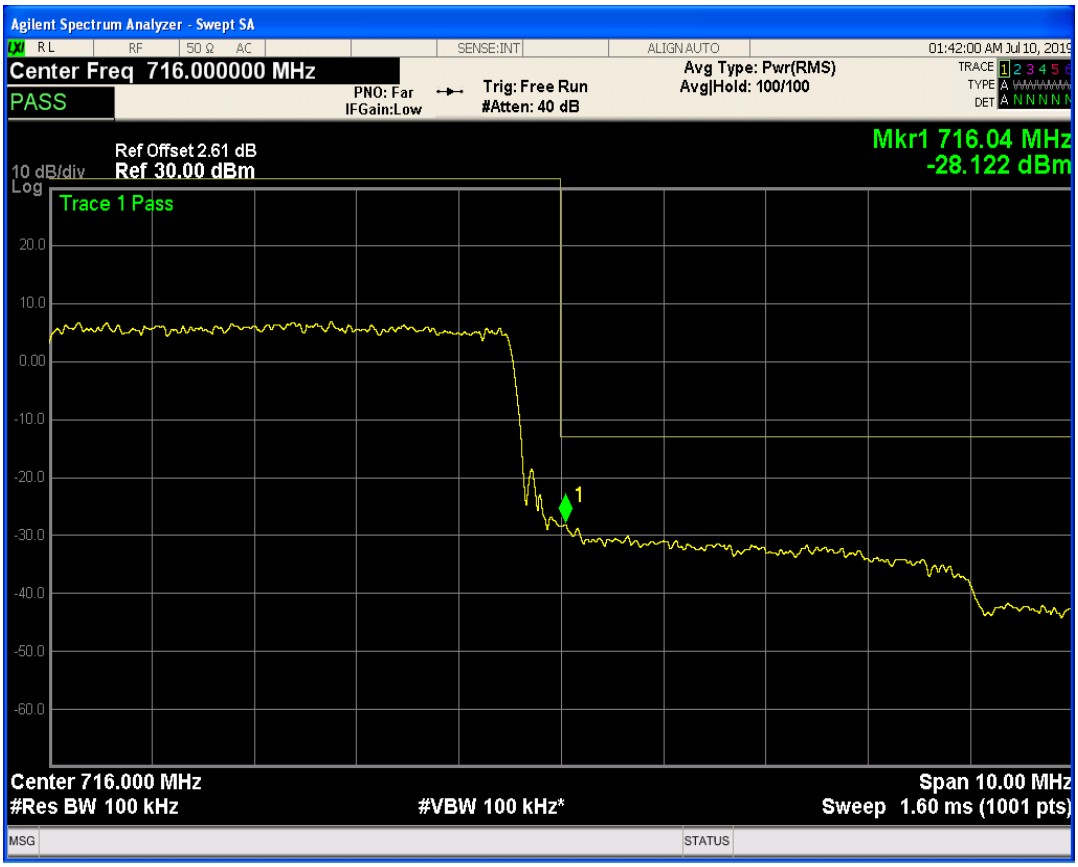
LTE Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



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

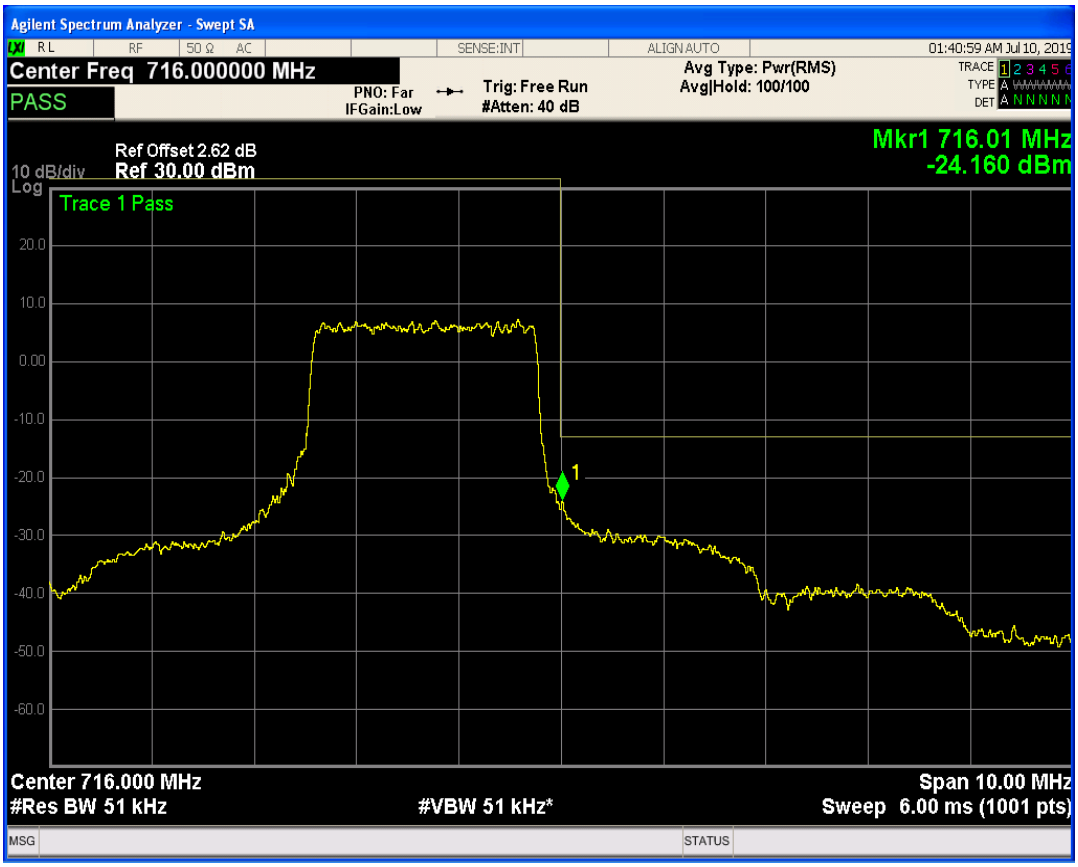


LTE Band17 QPSK BW=10MHz Channel=23800 RB Size=25 Position=#Max

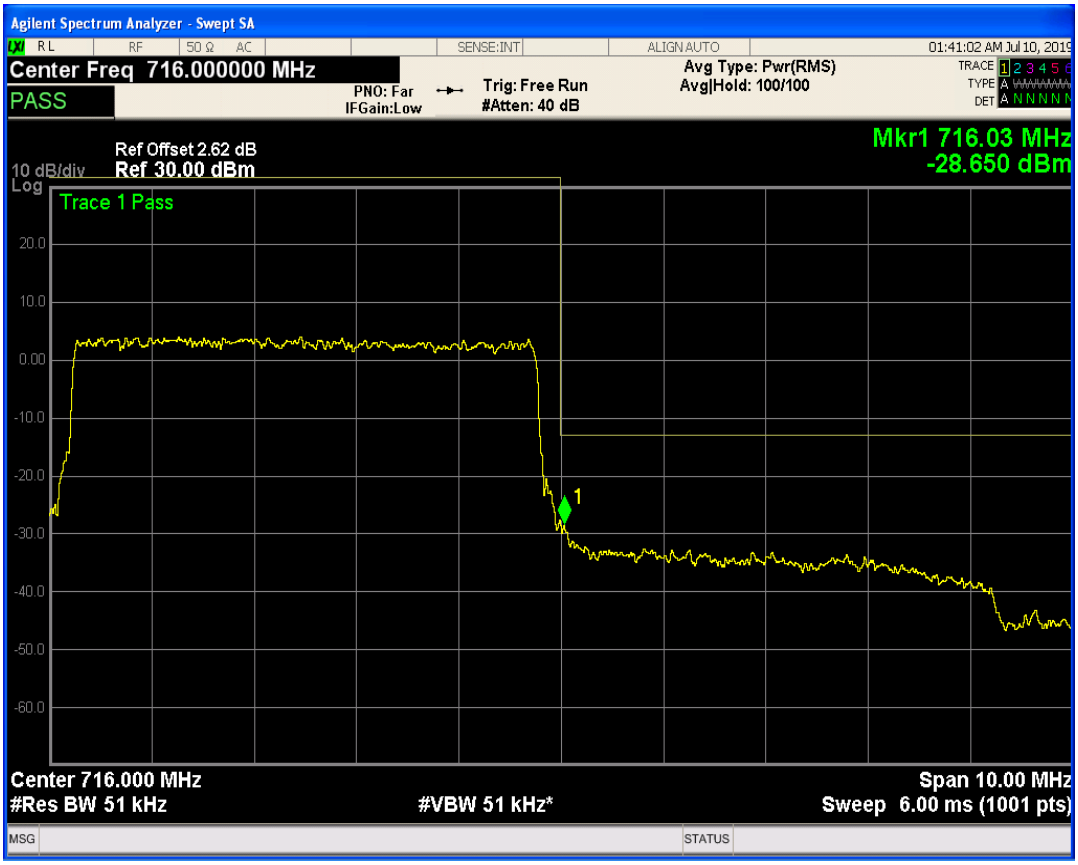


LTE Band17 QPSK BW=10MHz Channel=23800 RB Size=25 Position=#0

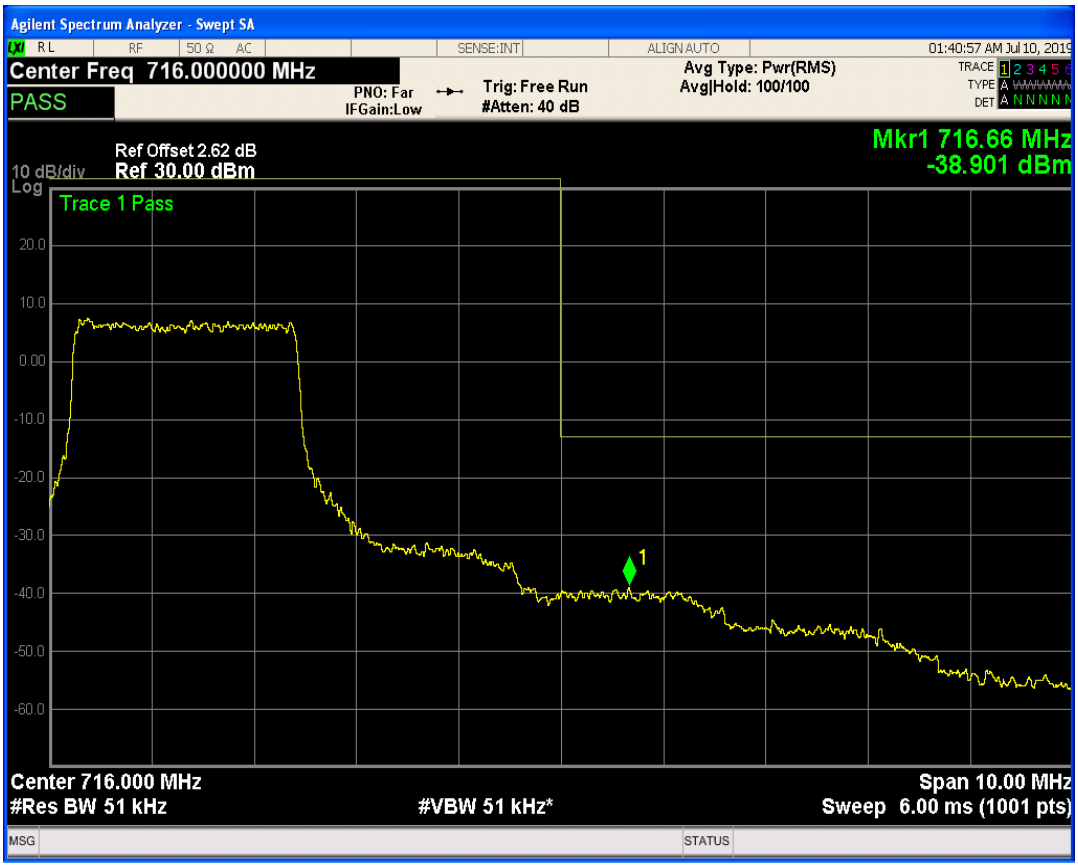
LTE Band17 QPSK BW=5MHz Channel=23825 RB Size=12 Position=#Max



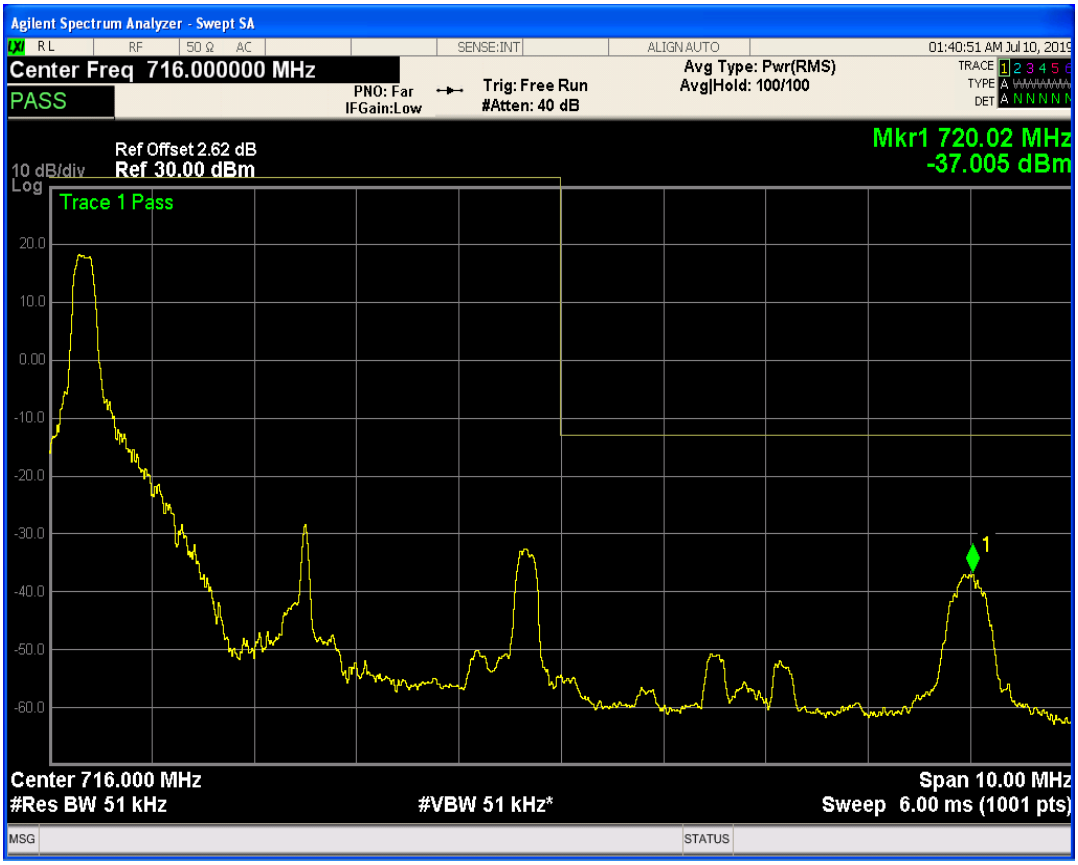
LTE Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



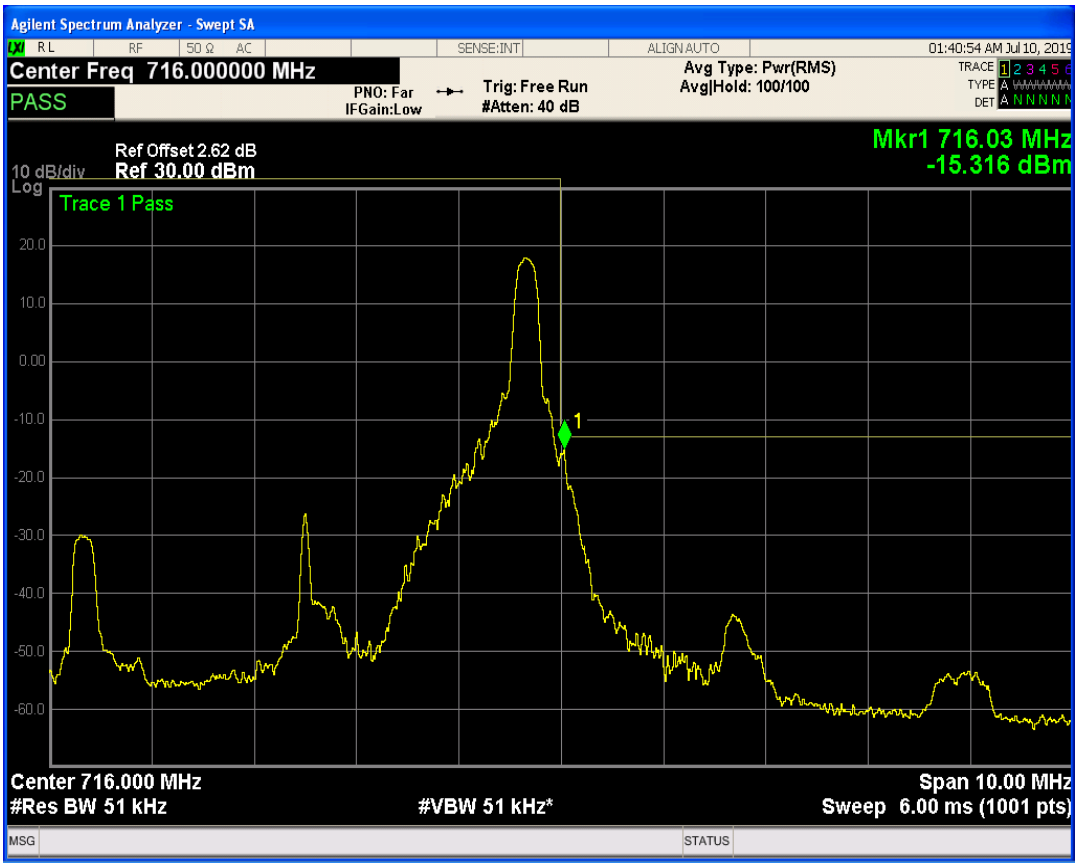
LTE Band17 QPSK BW=5MHz Channel=23825 RB Size=12 Position=#0



LTE Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0



LTE Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#Max



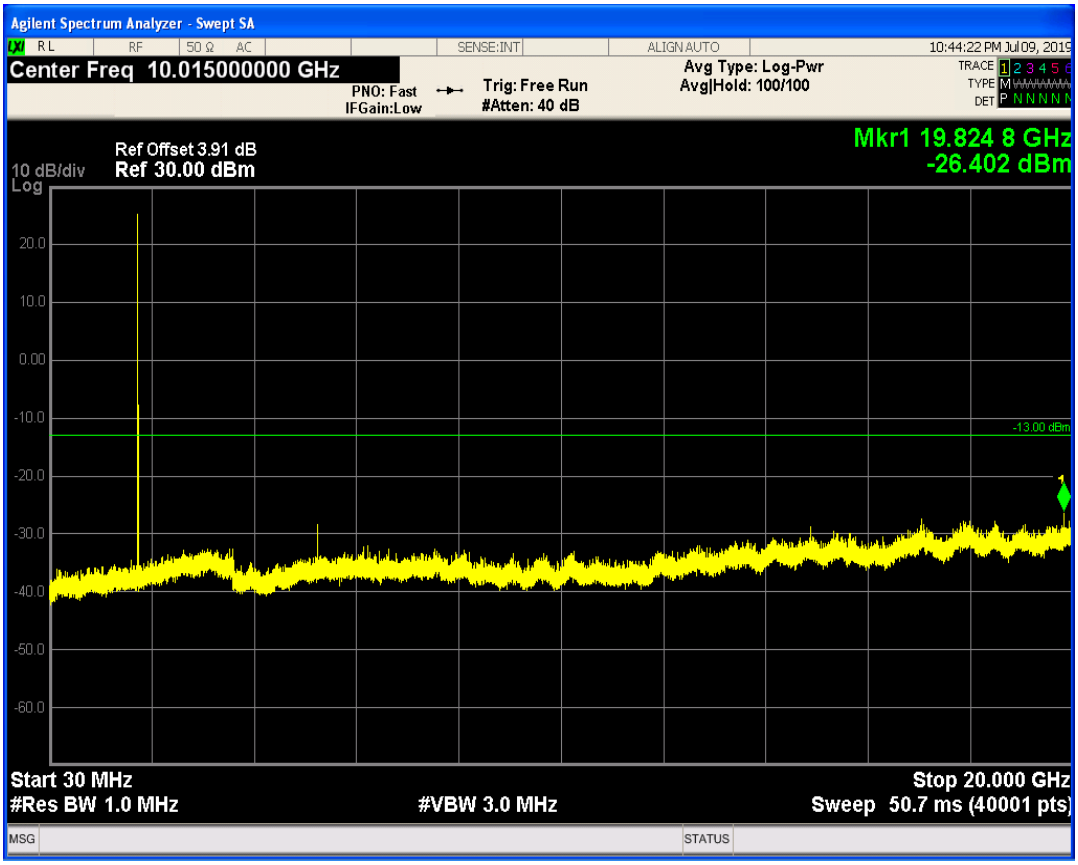
5 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
LTE Band4	1.4	19957	1	#0	QPSK	17851.23	-26.50	-13	PASS
LTE Band4	1.4	19957	1	#0	QAM16	19923.12	-27.02	-13	PASS
LTE Band4	1.4	20393	1	#0	QPSK	17981.53	-27.24	-13	PASS
LTE Band4	1.4	20393	1	#0	QAM16	19824.76	-26.40	-13	PASS
LTE Band4	3	19965	1	#0	QPSK	19945.08	-27.22	-13	PASS
LTE Band4	3	19965	1	#0	QAM16	19852.72	-26.67	-13	PASS
LTE Band4	3	20385	1	#0	QPSK	5257.15	-27.02	-13	PASS
LTE Band4	3	20385	1	#0	QAM16	5256.65	-26.95	-13	PASS
LTE Band4	5	19975	1	#0	QPSK	5131.34	-27.23	-13	PASS
LTE Band4	5	19975	1	#0	QAM16	5131.34	-25.66	-13	PASS
LTE Band4	5	20375	1	#0	QPSK	5251.16	-26.51	-13	PASS
LTE Band4	5	20375	1	#0	QAM16	5251.16	-25.79	-13	PASS
LTE Band4	10	20000	1	#0	QPSK	17749.38	-27.16	-13	PASS
LTE Band4	10	20000	1	#0	QAM16	5131.84	-25.67	-13	PASS
LTE Band4	10	20350	1	#0	QPSK	19931.60	-27.36	-13	PASS
LTE Band4	10	20350	1	#0	QAM16	19962.06	-26.59	-13	PASS
LTE Band4	15	20025	1	#0	QPSK	19952.07	-27.10	-13	PASS
LTE Band4	15	20025	1	#0	QAM16	19884.17	-27.64	-13	PASS
LTE Band4	15	20325	1	#0	QPSK	19751.87	-27.30	-13	PASS
LTE Band4	15	20325	1	#0	QAM16	19754.87	-26.54	-13	PASS
LTE	20	20050	1	#0	QPSK	19695.46	-27.66	-13	PASS

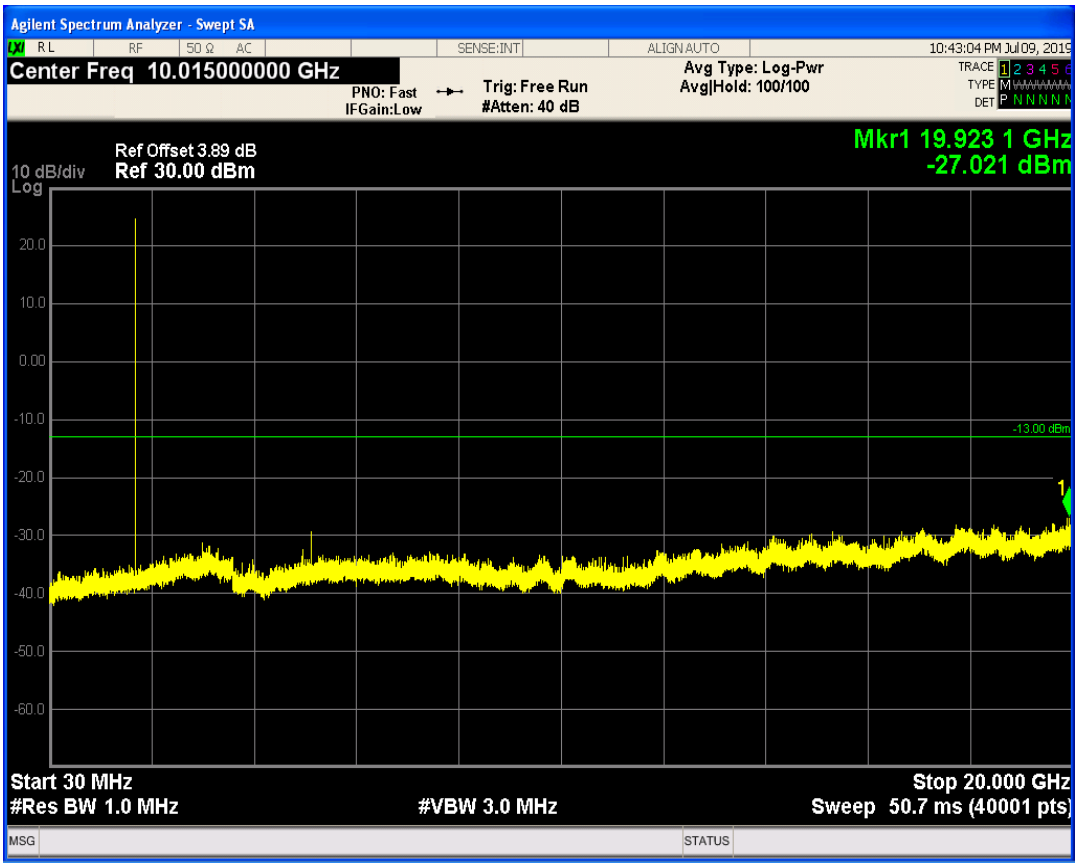
Band4									
LTE Band4	20	20050	1	#0	QAM16	19994.51	-27.47	-13	PASS
LTE Band4	20	20300	1	#0	QPSK	17823.27	-27.44	-13	PASS
LTE Band4	20	20300	1	#0	QAM16	5208.22	-27.27	-13	PASS
LTE Band7	5	20775	1	#0	QPSK	25991.56	-31.56	-25	PASS
LTE Band7	5	20775	1	#0	QAM16	25980.52	-31.18	-25	PASS
LTE Band7	5	21425	1	#0	QPSK	25969.49	-31.66	-25	PASS
LTE Band7	5	21425	1	#0	QAM16	25968.84	-31.79	-25	PASS
LTE Band7	10	20800	1	#0	QPSK	25507.87	-31.50	-25	PASS
LTE Band7	10	20800	1	#0	QAM16	25521.50	-31.83	-25	PASS
LTE Band7	10	21400	1	#0	QPSK	25877.29	-31.39	-25	PASS
LTE Band7	10	21400	1	#0	QAM16	25994.16	-31.70	-25	PASS
LTE Band7	15	20825	1	#0	QPSK	25537.73	-31.42	-25	PASS
LTE Band7	15	20825	1	#0	QAM16	25482.55	-31.89	-25	PASS
LTE Band7	15	21375	1	#0	QPSK	25453.98	-31.61	-25	PASS
LTE Band7	15	21375	1	#0	QAM16	25958.45	-31.41	-25	PASS
LTE Band7	20	20850	1	#0	QPSK	25975.98	-31.66	-25	PASS
LTE Band7	20	20850	1	#0	QAM16	25968.19	-31.64	-25	PASS
LTE Band7	20	21350	1	#0	QPSK	25566.95	-30.72	-25	PASS
LTE Band7	20	21350	1	#0	QAM16	25964.94	-30.97	-25	PASS
LTE Band17	5	23755	1	#0	QPSK	3148.12	-32.74	-13	PASS
LTE Band17	5	23755	1	#0	QAM16	3254.05	-33.70	-13	PASS
LTE	5	23825	1	#0	QPSK	3134.16	-32.76	-13	PASS

Band17									
LTE Band17	5	23825	1	#0	QAM16	3136.90	-33.47	-13	PASS
LTE Band17	10	23780	1	#0	QPSK	7425.25	-33.42	-13	PASS
LTE Band17	10	23780	1	#0	QAM16	2586.56	-33.28	-13	PASS
LTE Band17	10	23800	1	#0	QPSK	6262.25	-33.72	-13	PASS
LTE Band17	10	23800	1	#0	QAM16	2800.66	-32.79	-13	PASS

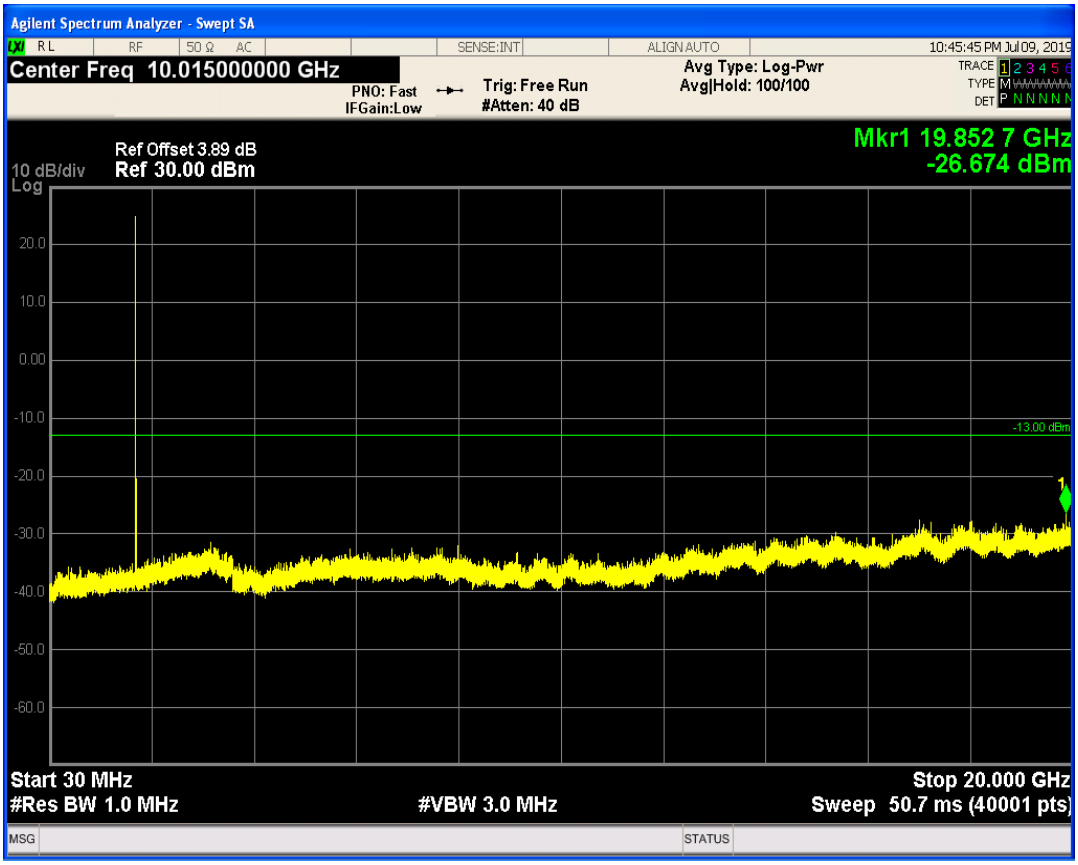
LTE Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=1 Position=#0



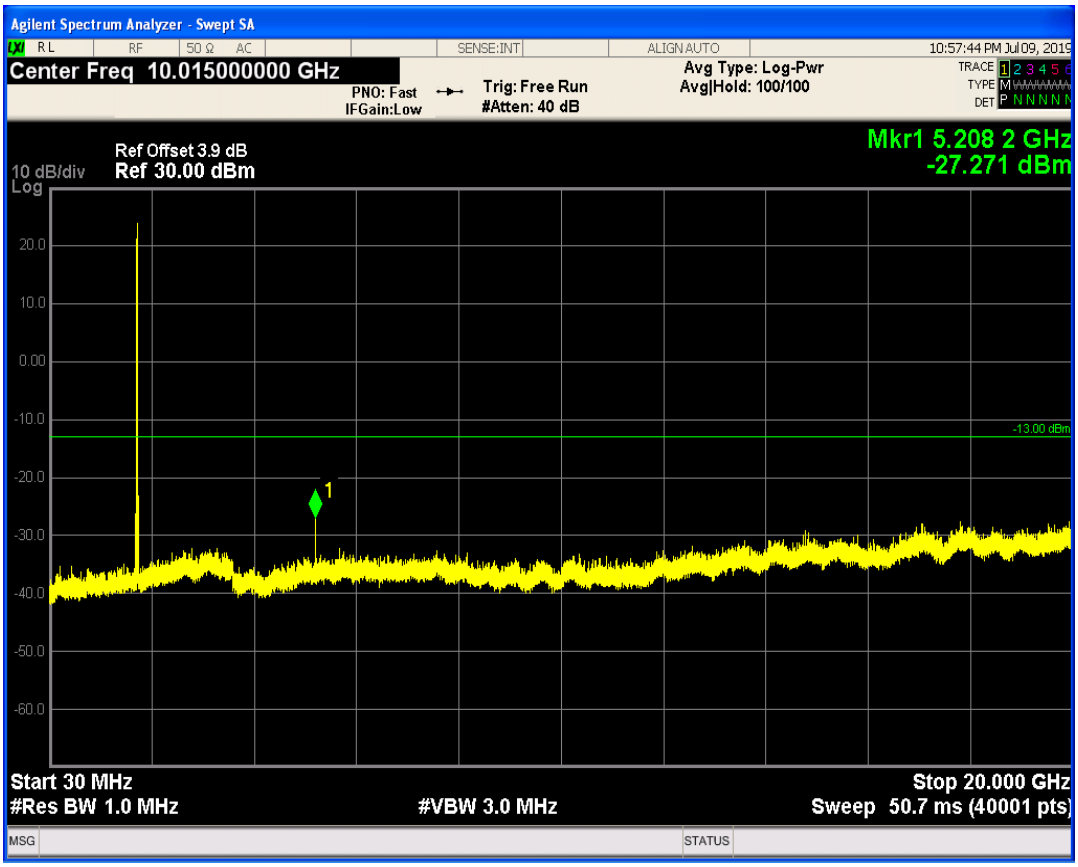
LTE Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=1 Position=#0



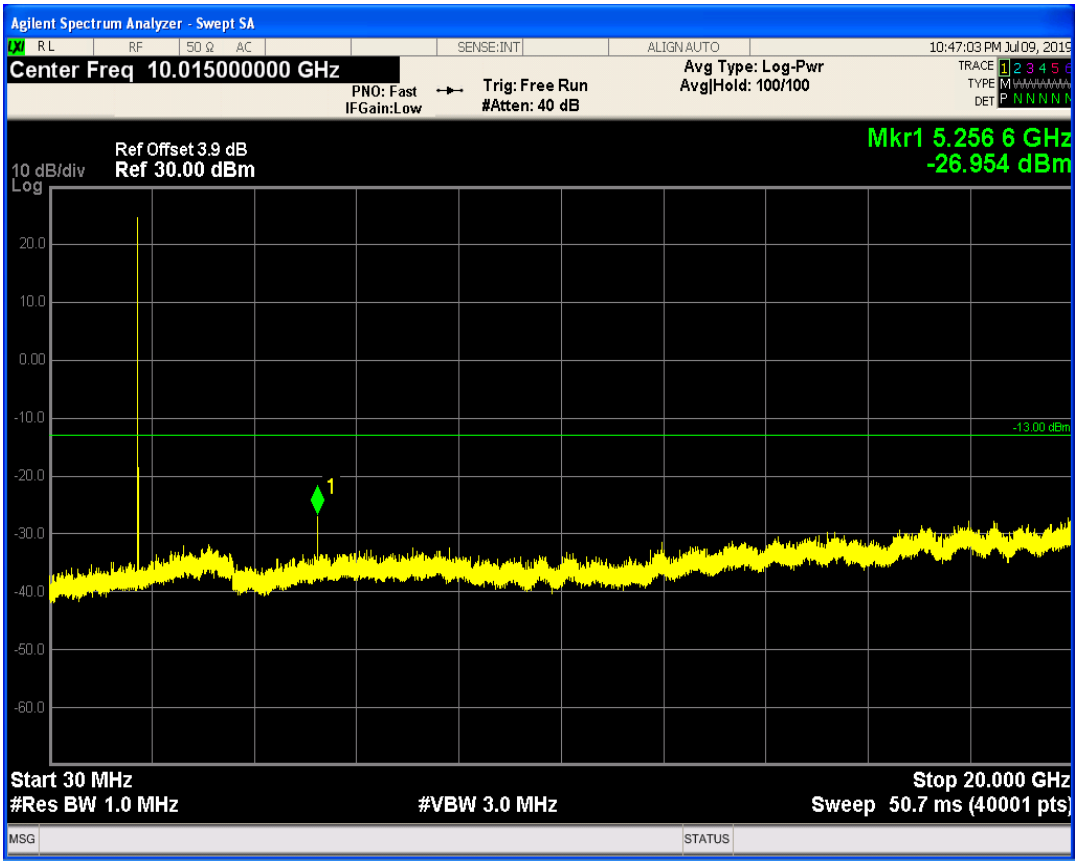
LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=1 Position=#0



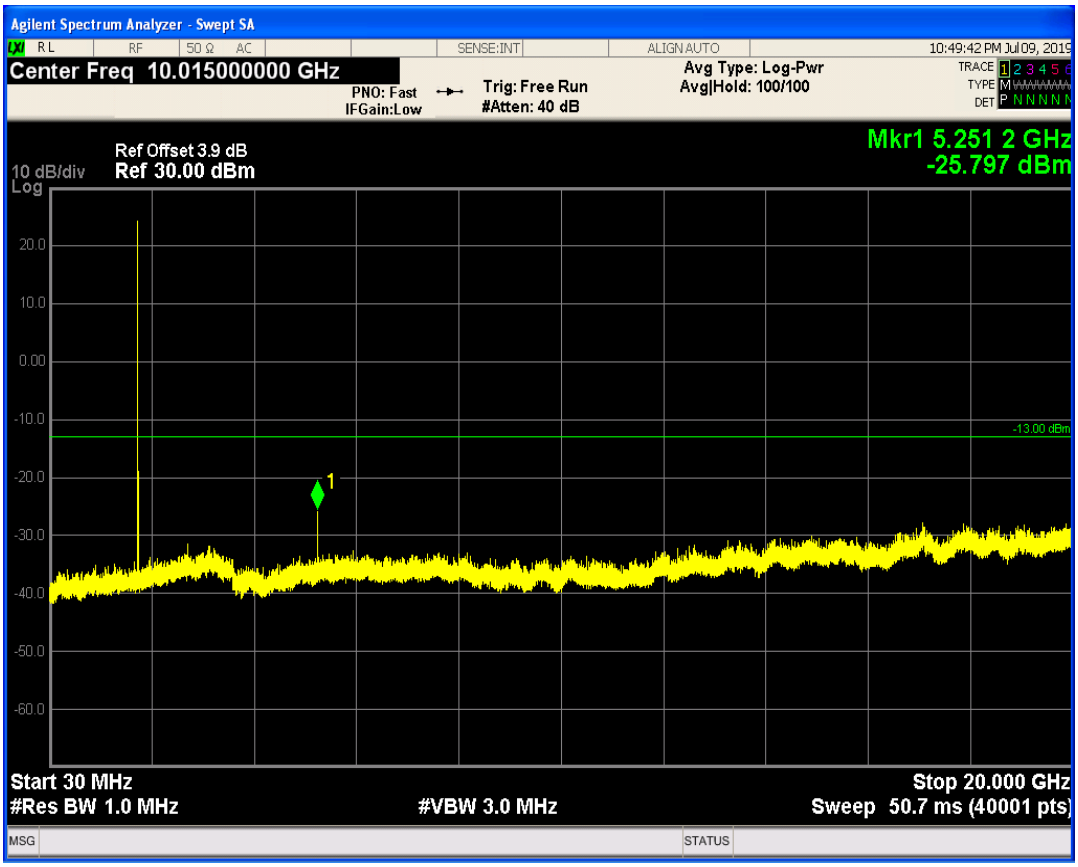
LTE Band4 QAM16 BW=20MHz Channel=20300 RB Size=1 Position=#0



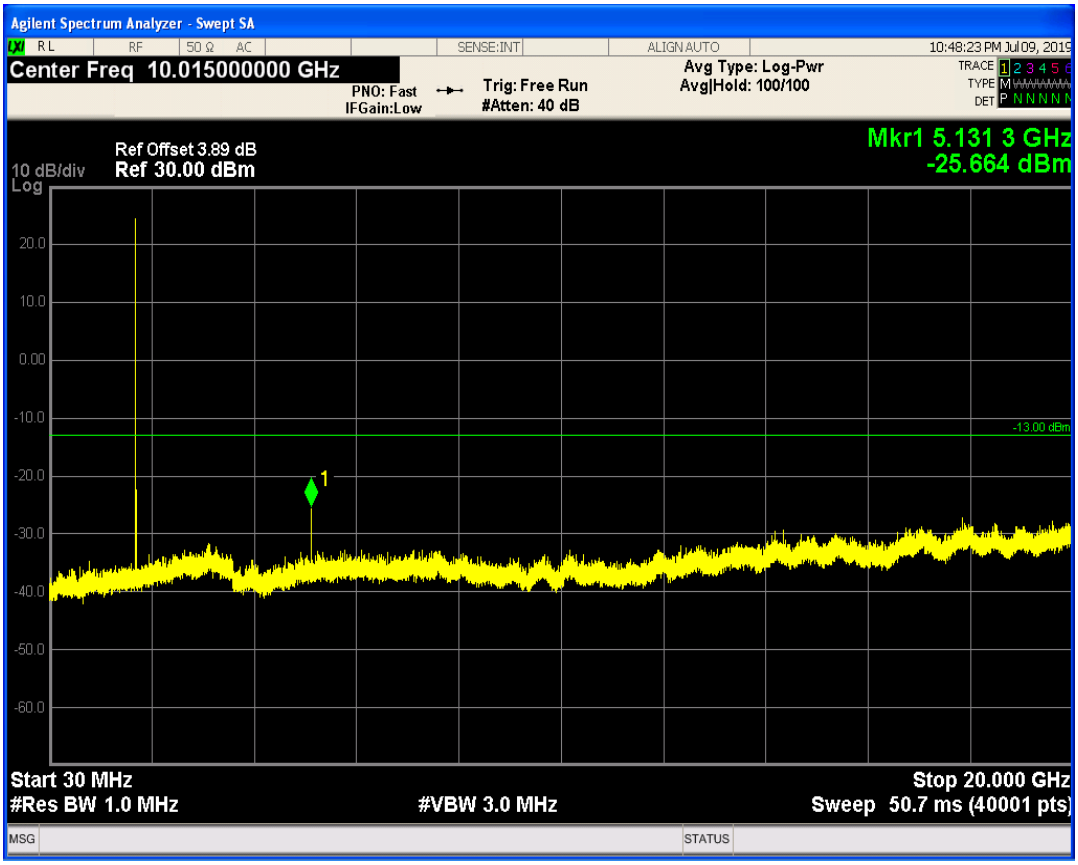
LTE Band4 QAM16 BW=3MHz Channel=20385 RB Size=1 Position=#0



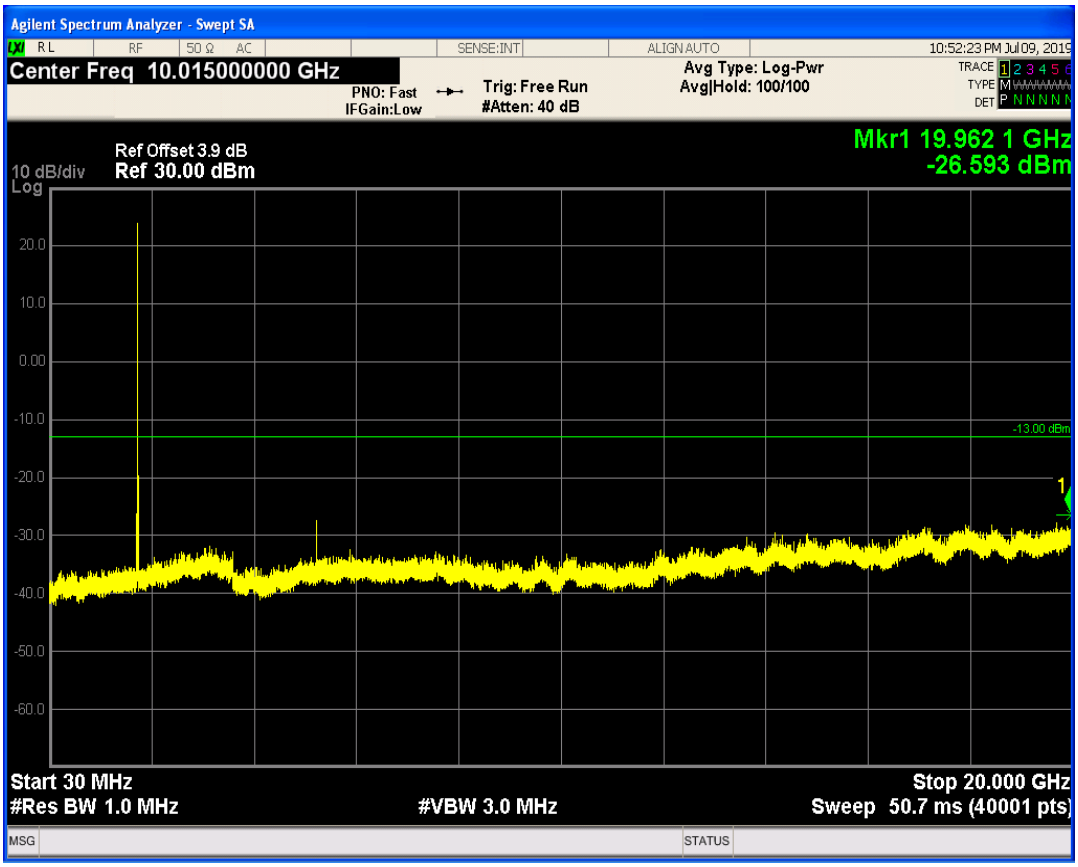
LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=1 Position=#0



LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=1 Position=#0



LTE Band4 QAM16 BW=10MHz Channel=20350 RB Size=1 Position=#0



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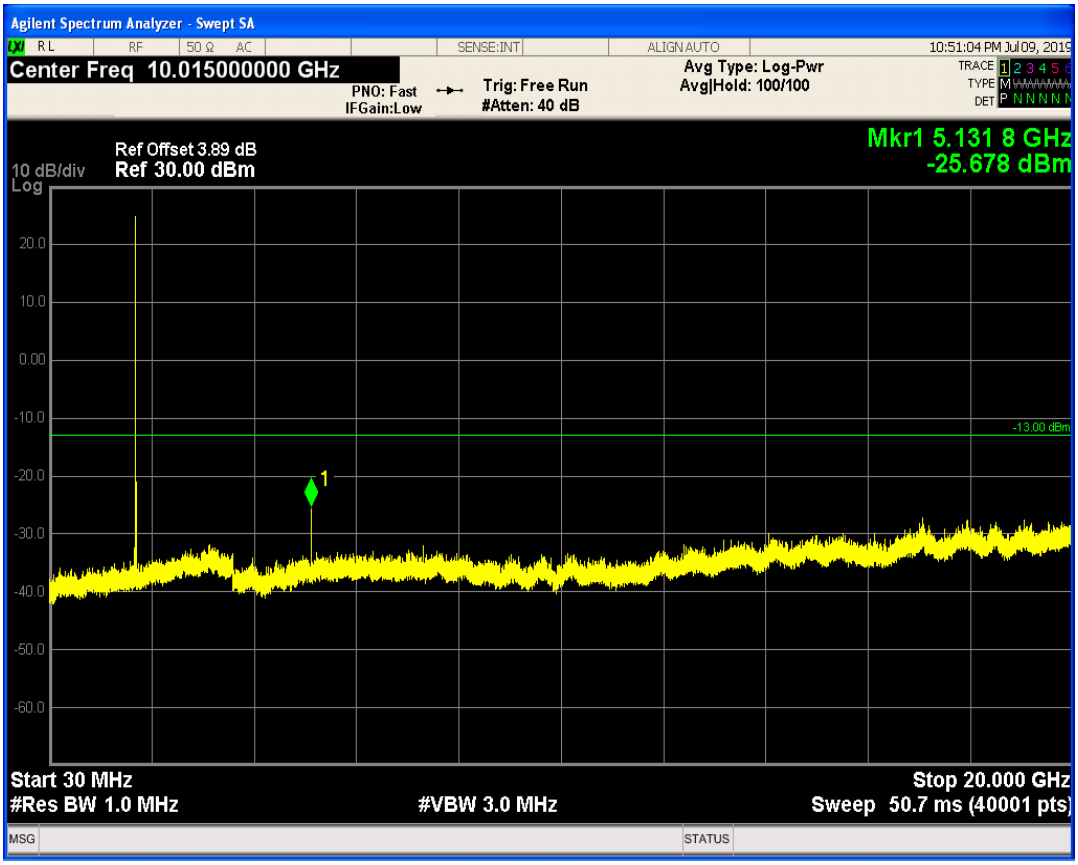
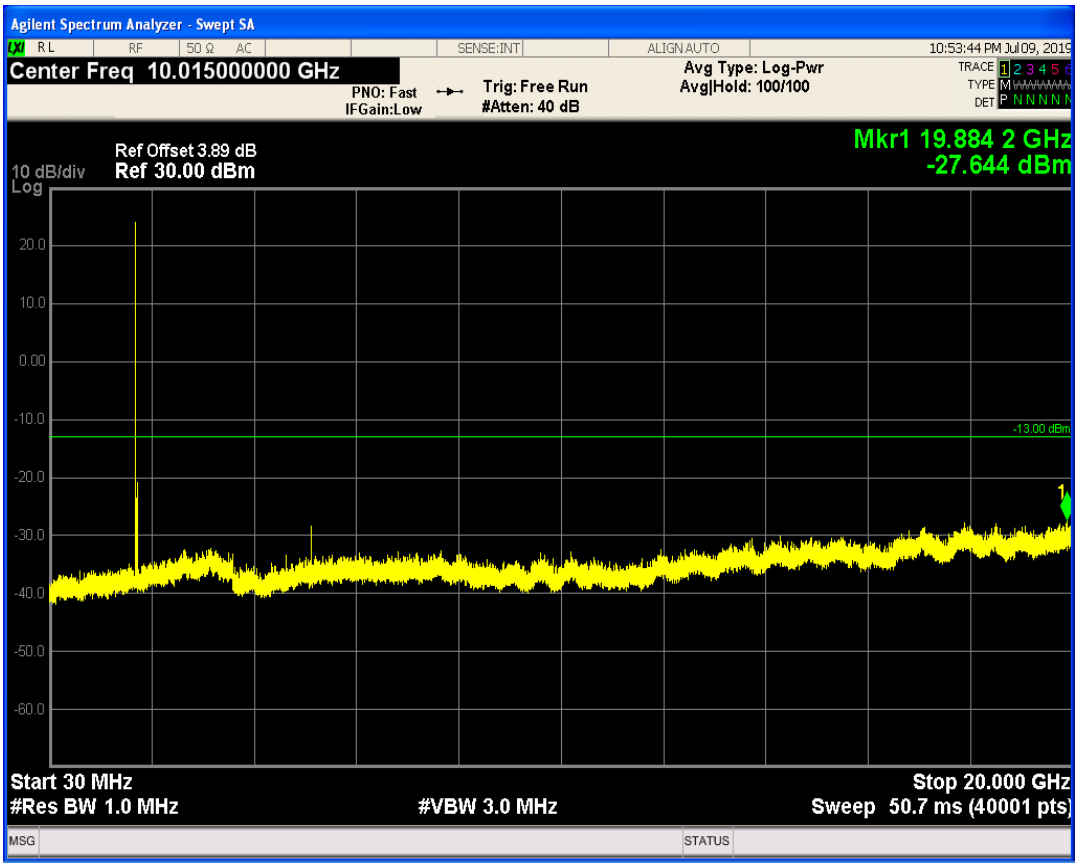
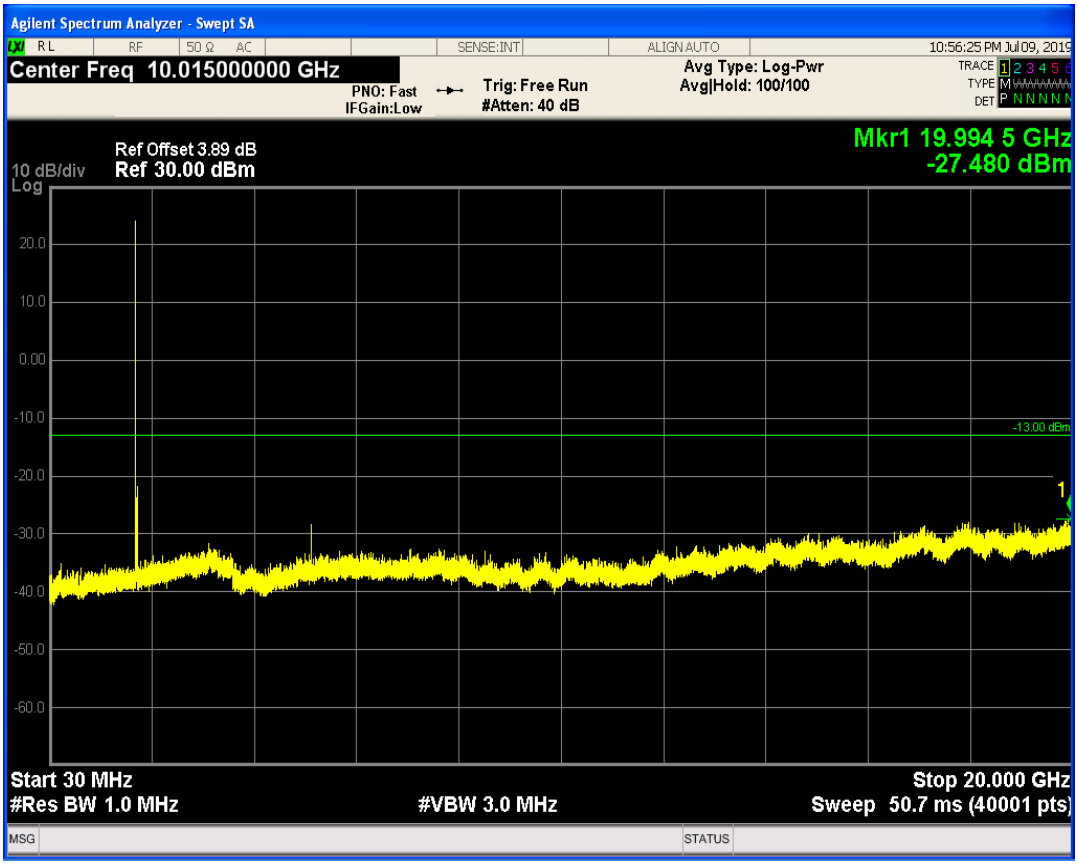


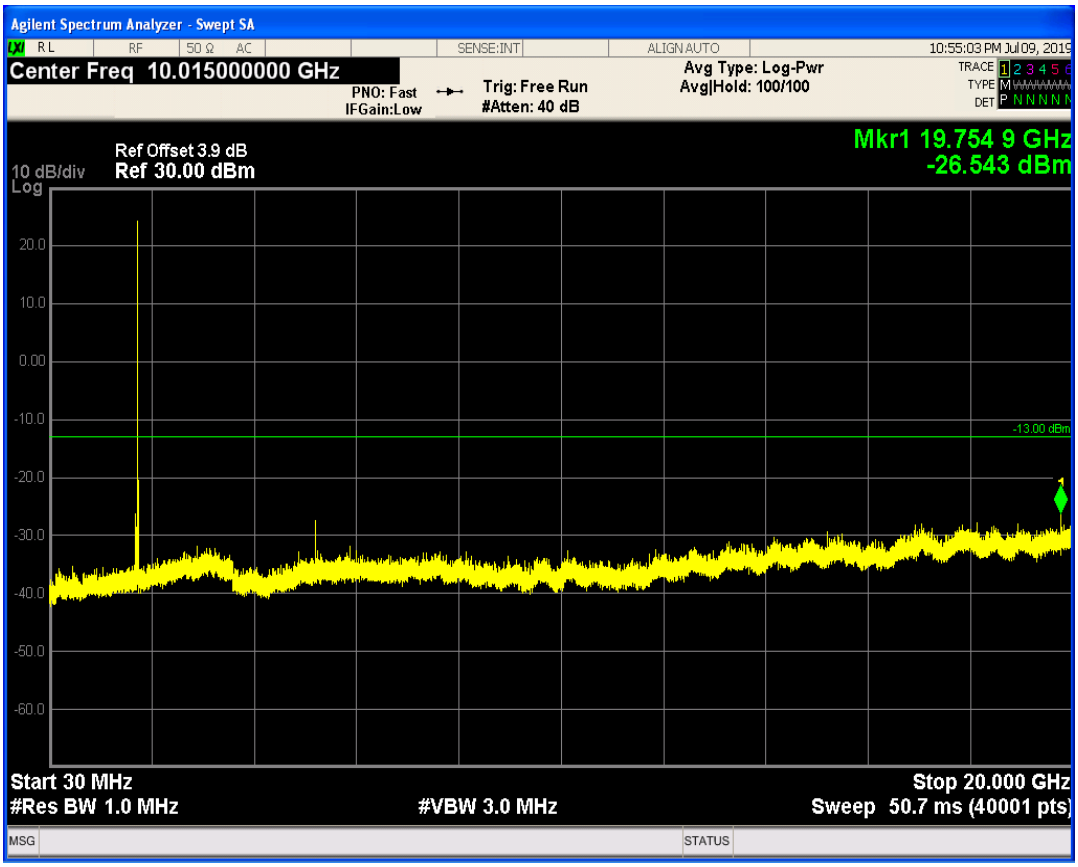
LTE Band4 QAM16 BW=15MHz Channel=20025 RB Size=1 Position=#0



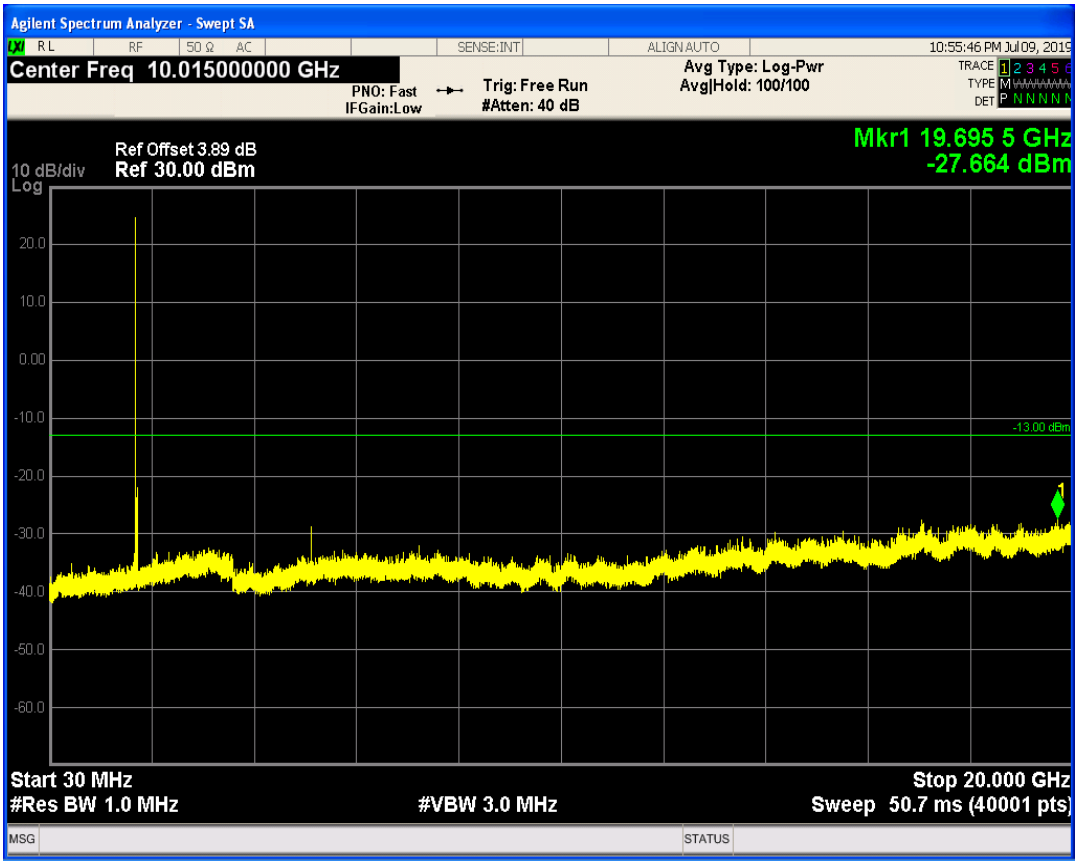
LTE Band4 QAM16 BW=20MHz Channel=20050 RB Size=1 Position=#0



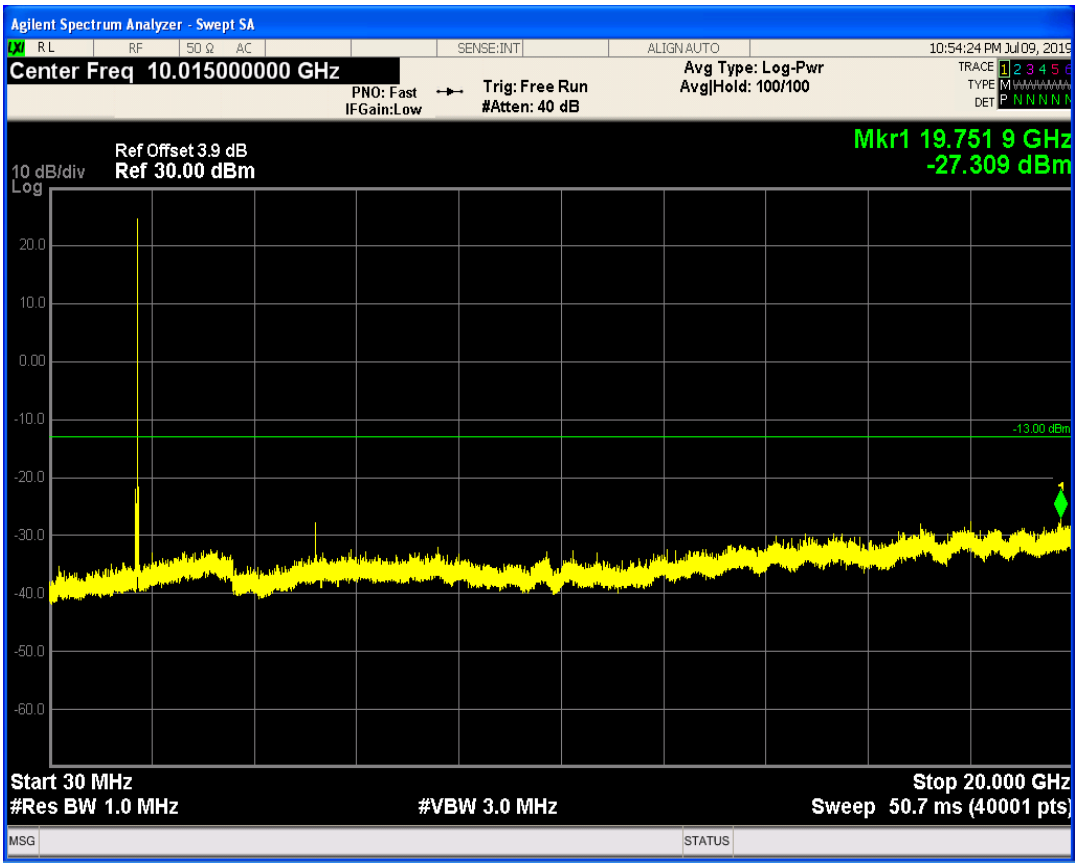
LTE Band4 QAM16 BW=15MHz Channel=20325 RB Size=1 Position=#0



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



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



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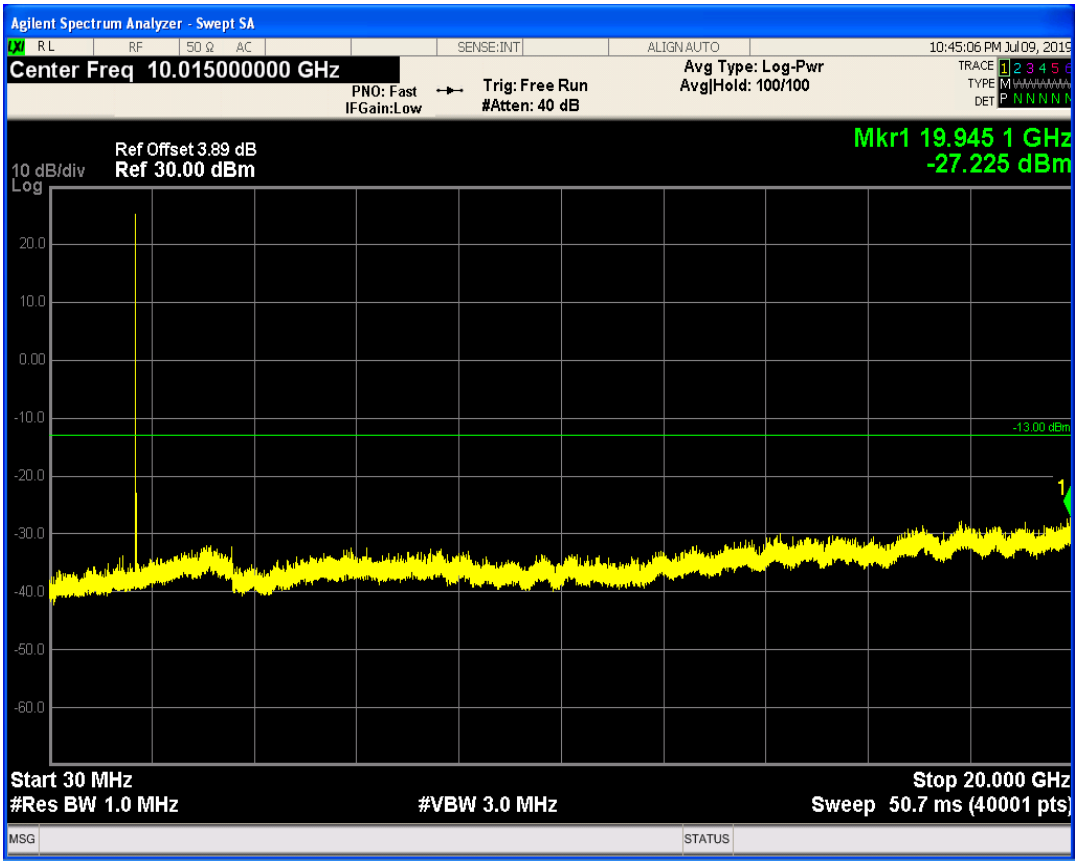
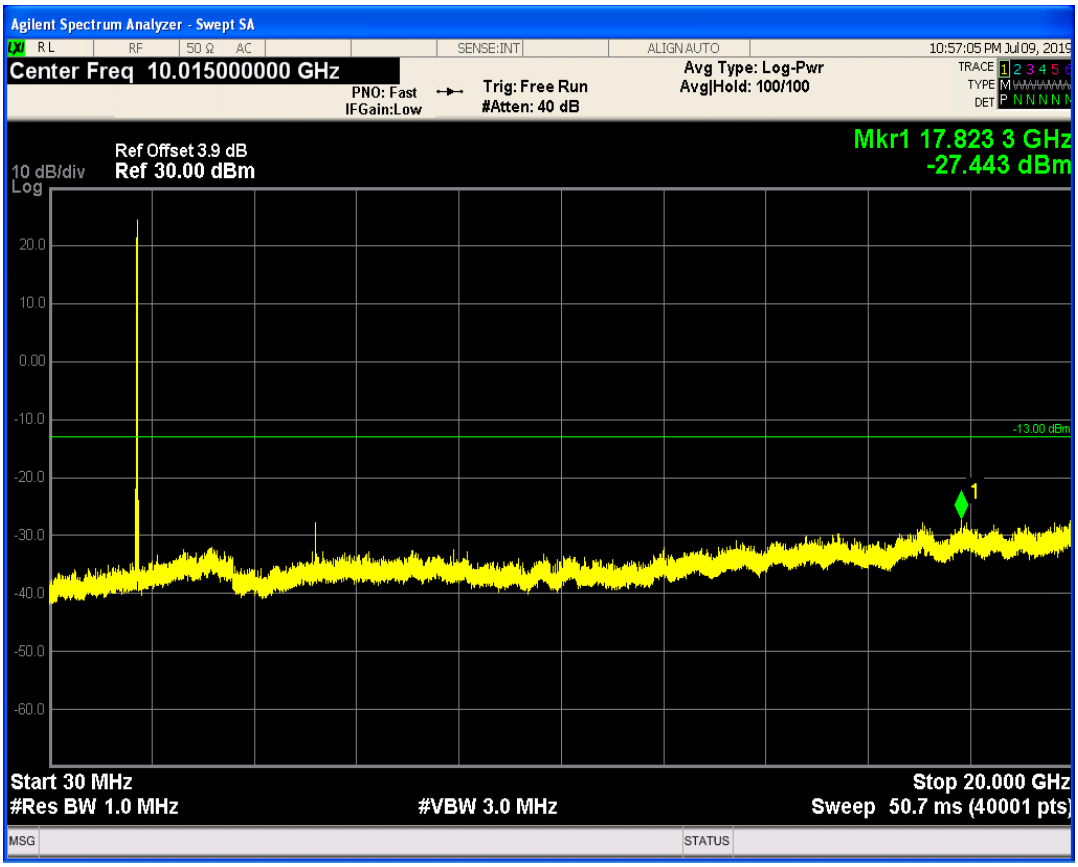
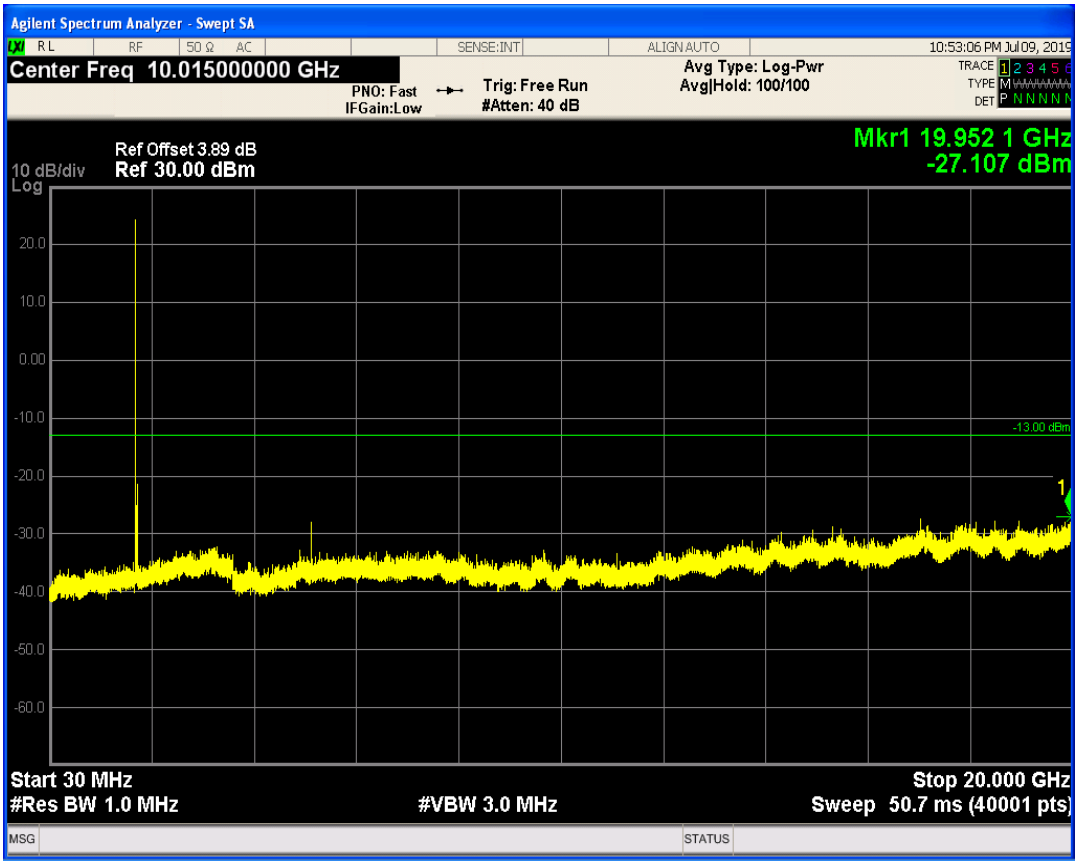


LTE Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



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



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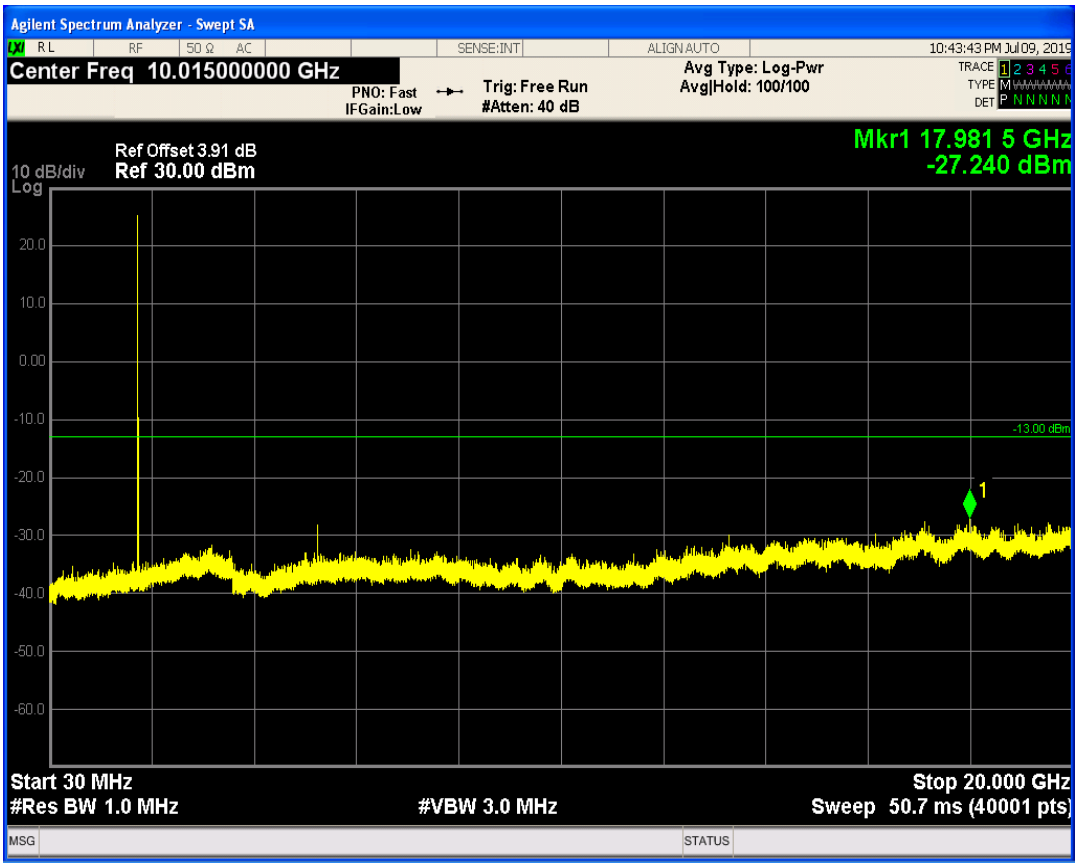

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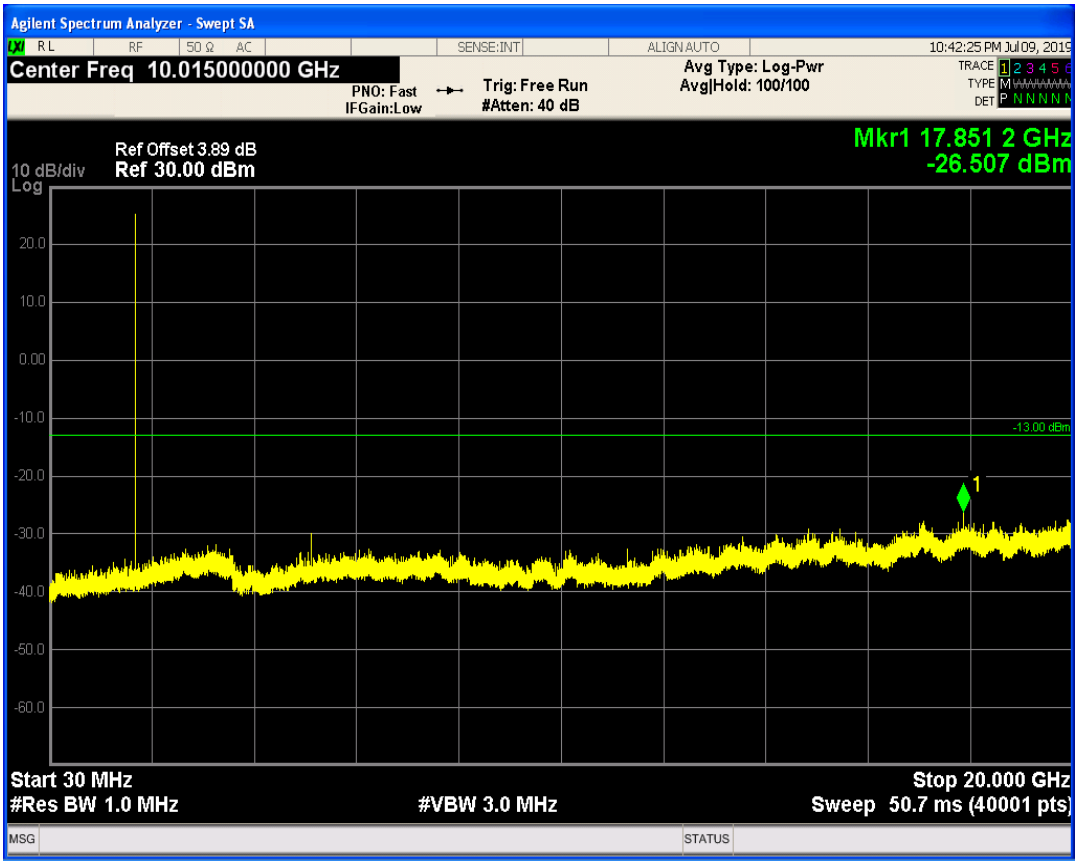
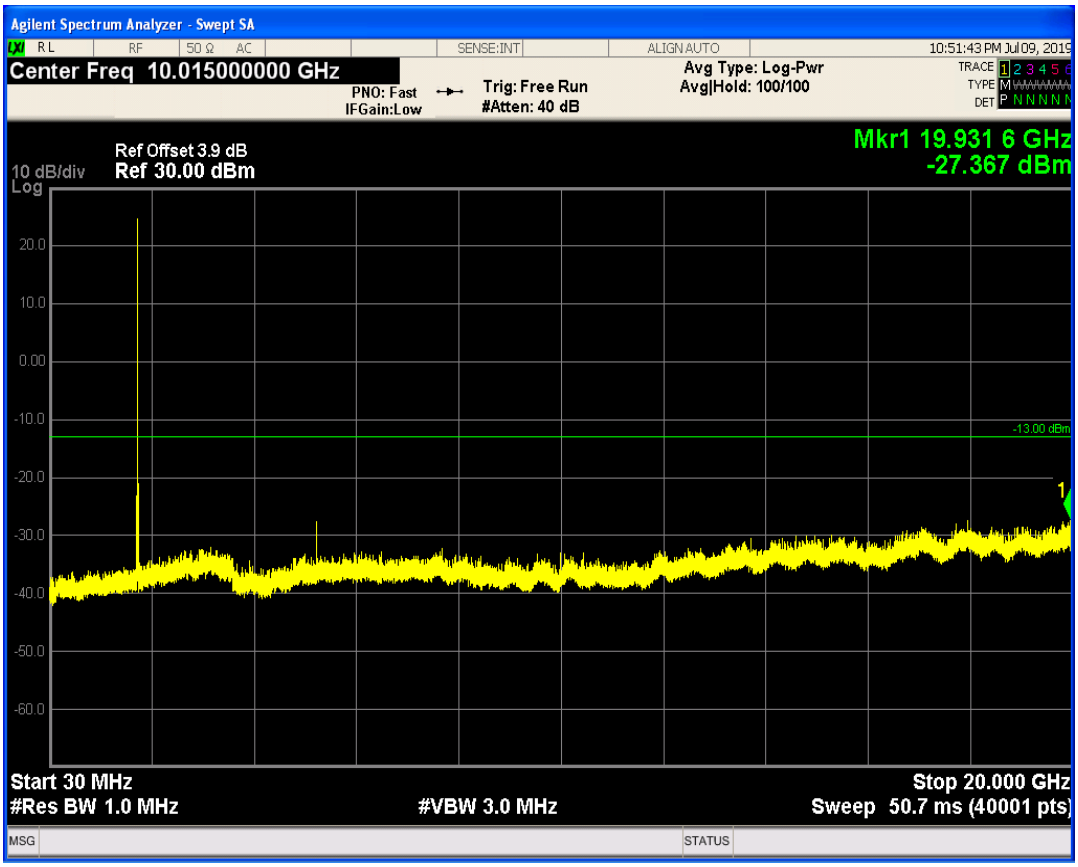
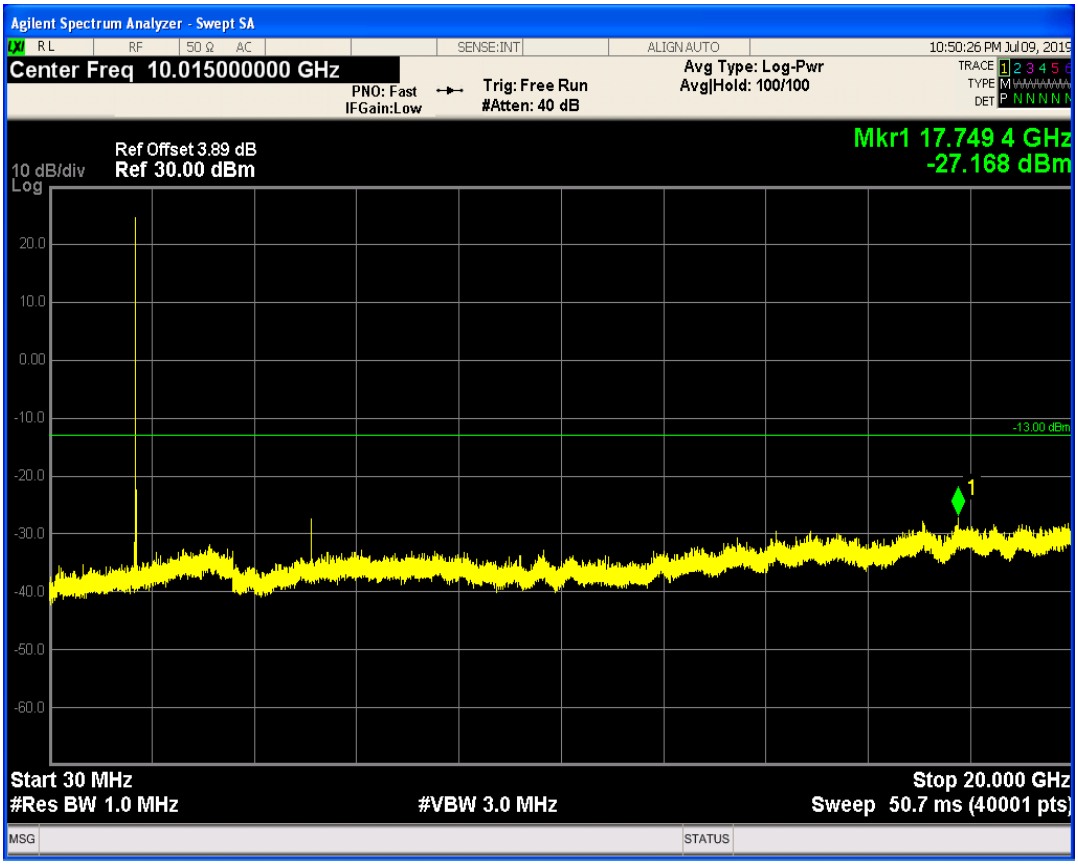


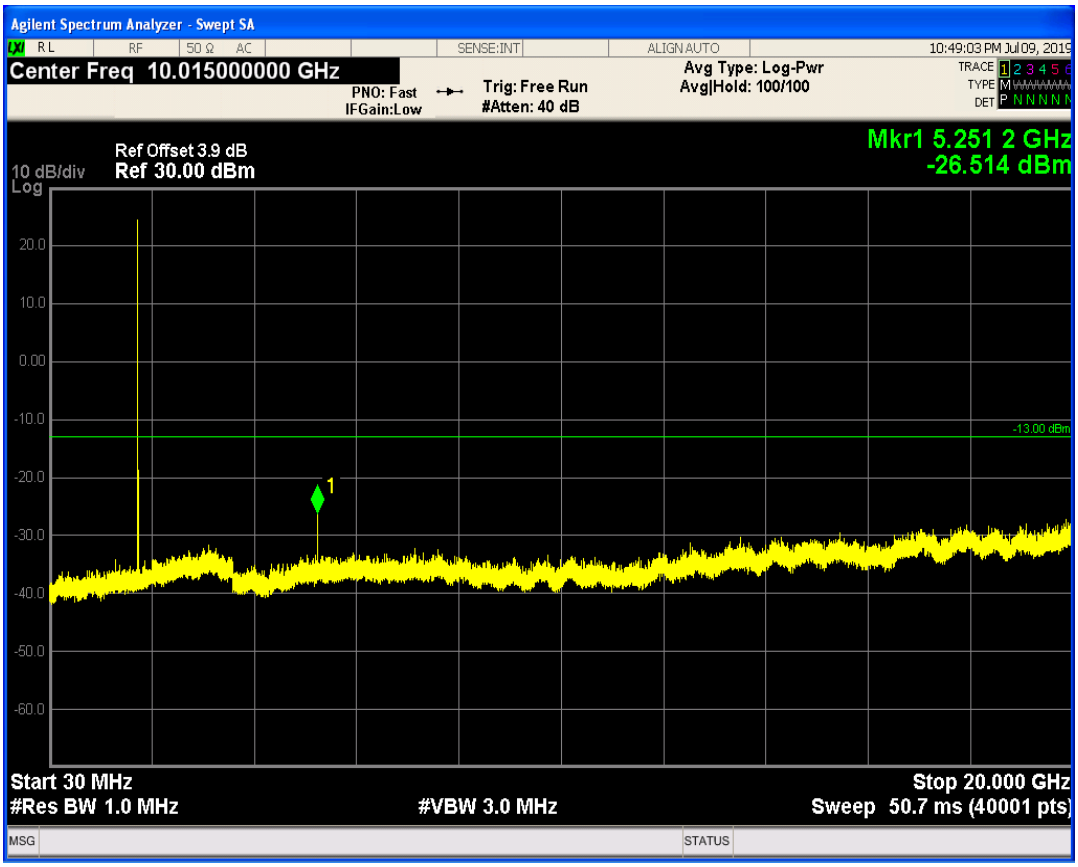
LTE Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



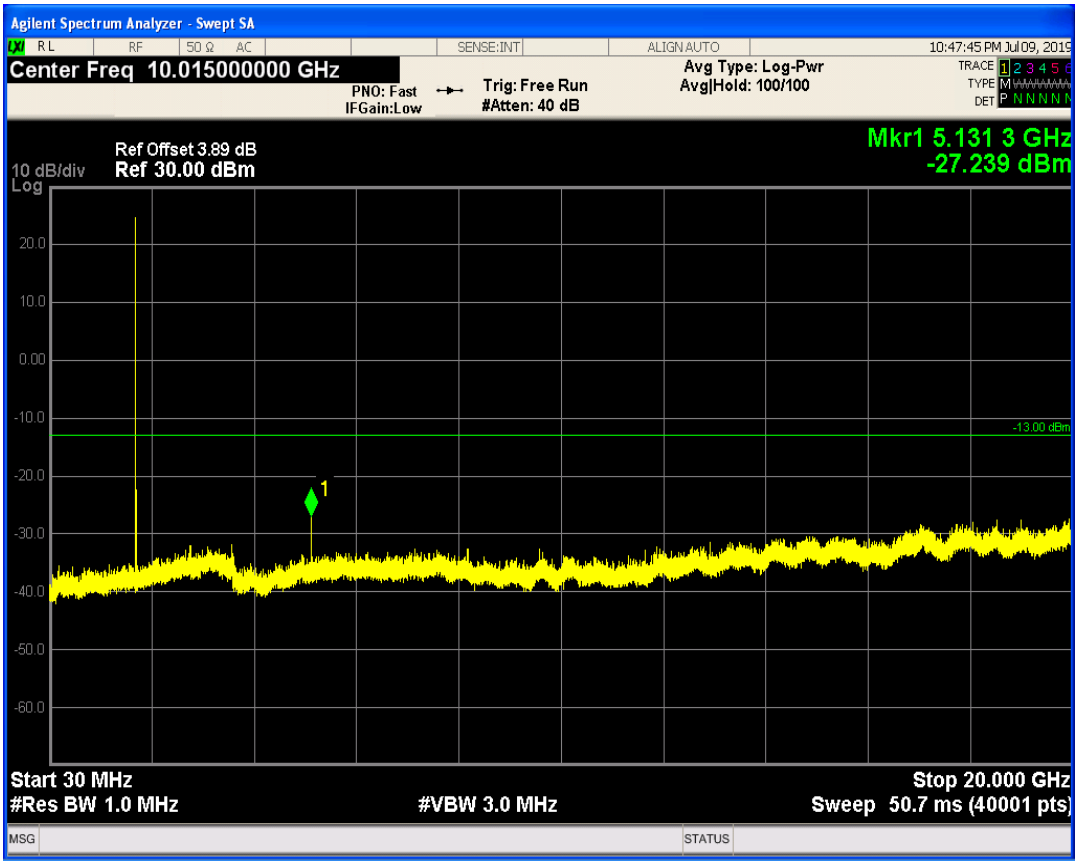
LTE Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



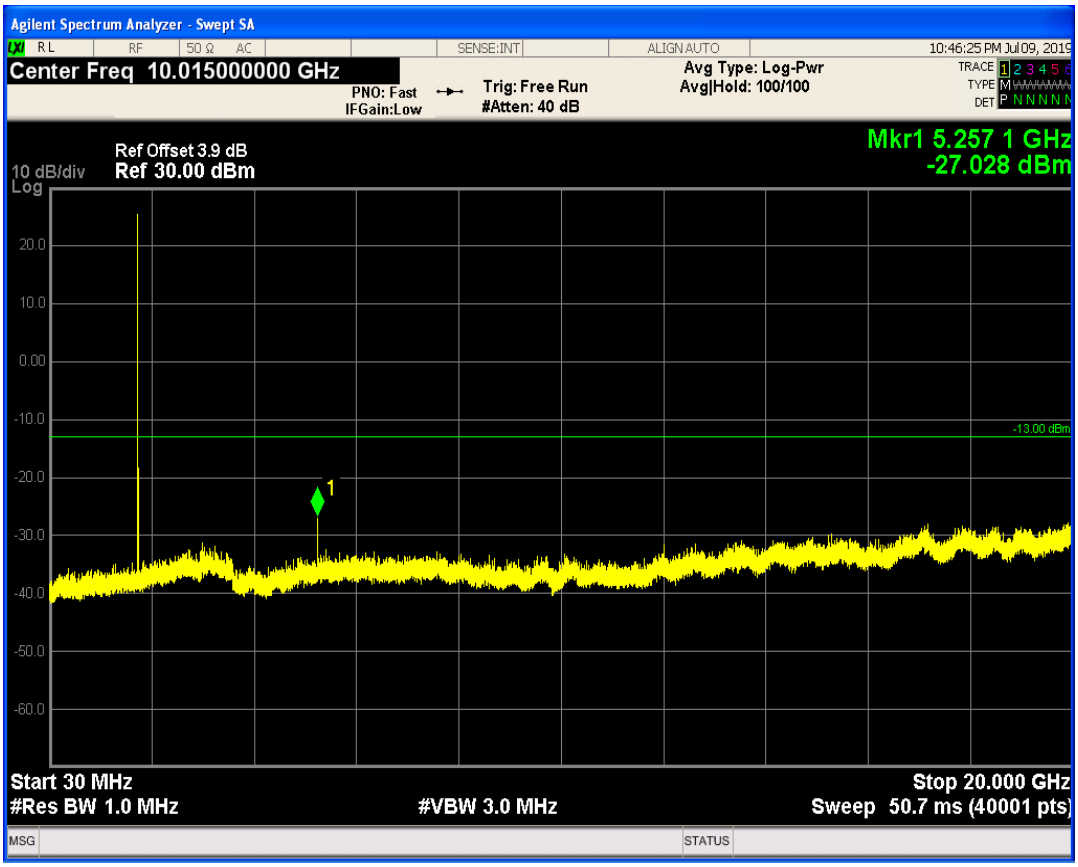
LTE Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



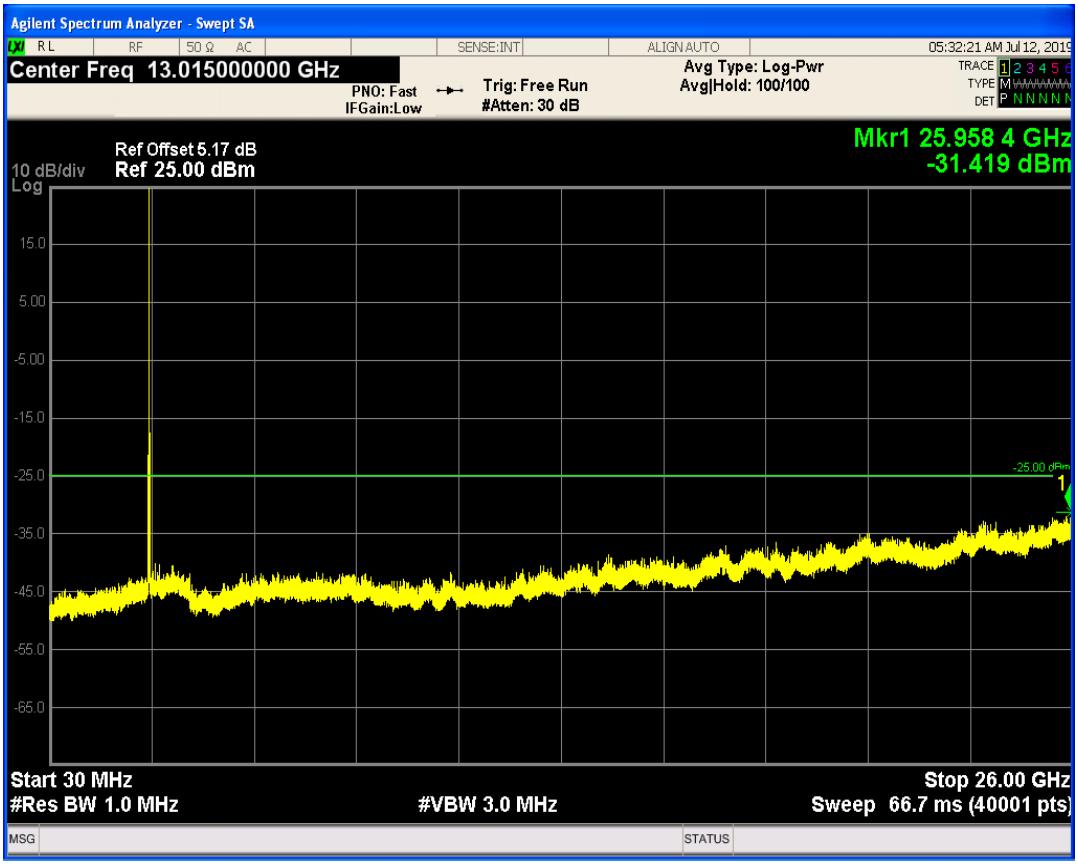
LTE Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



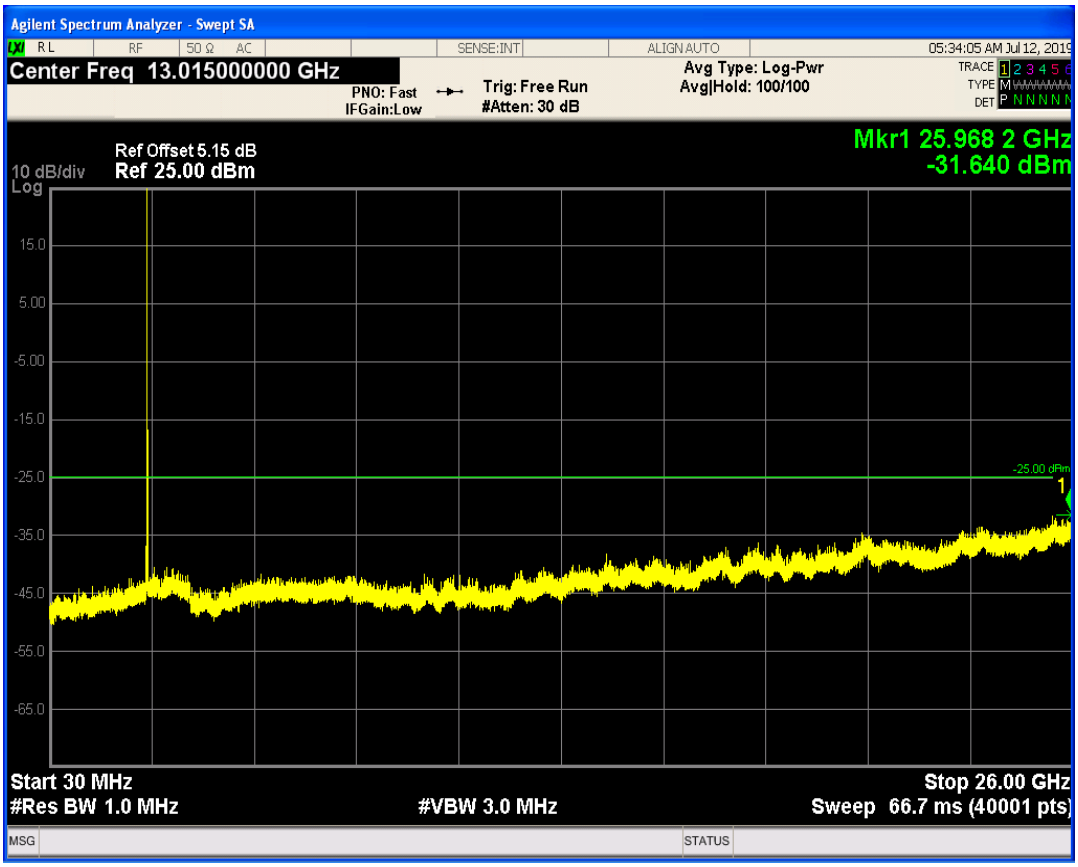
LTE Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



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



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



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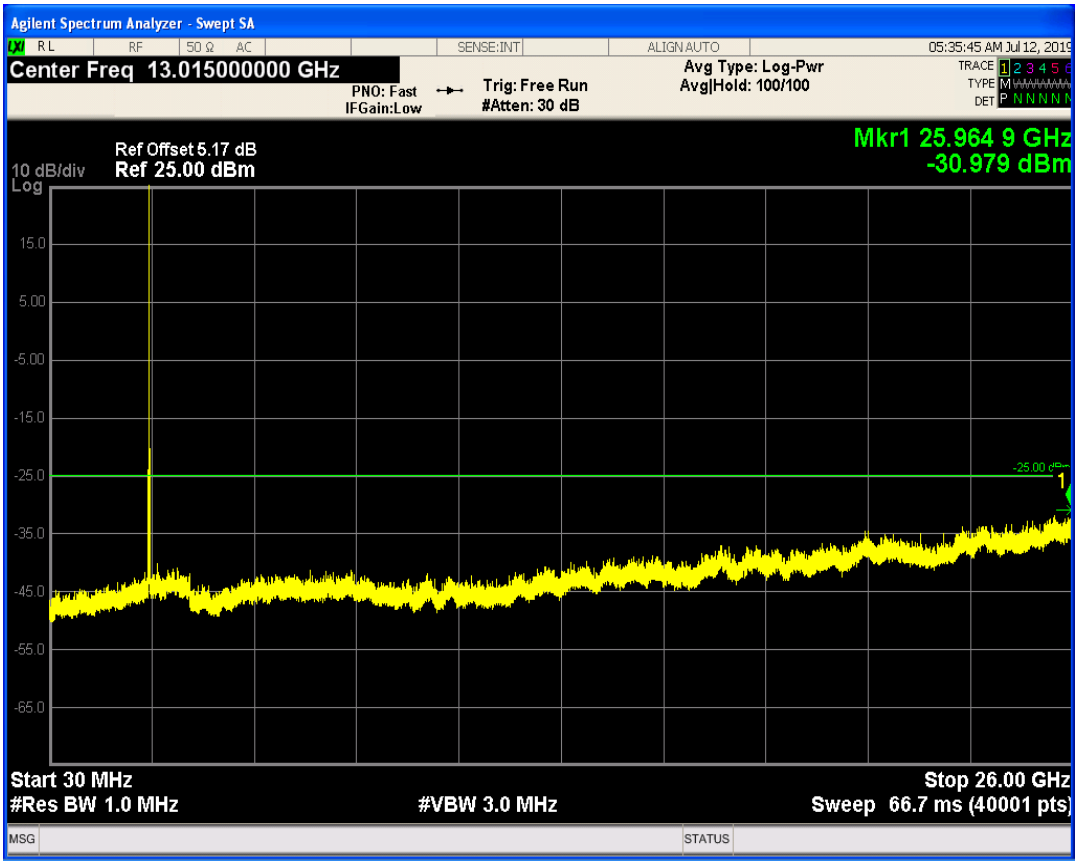
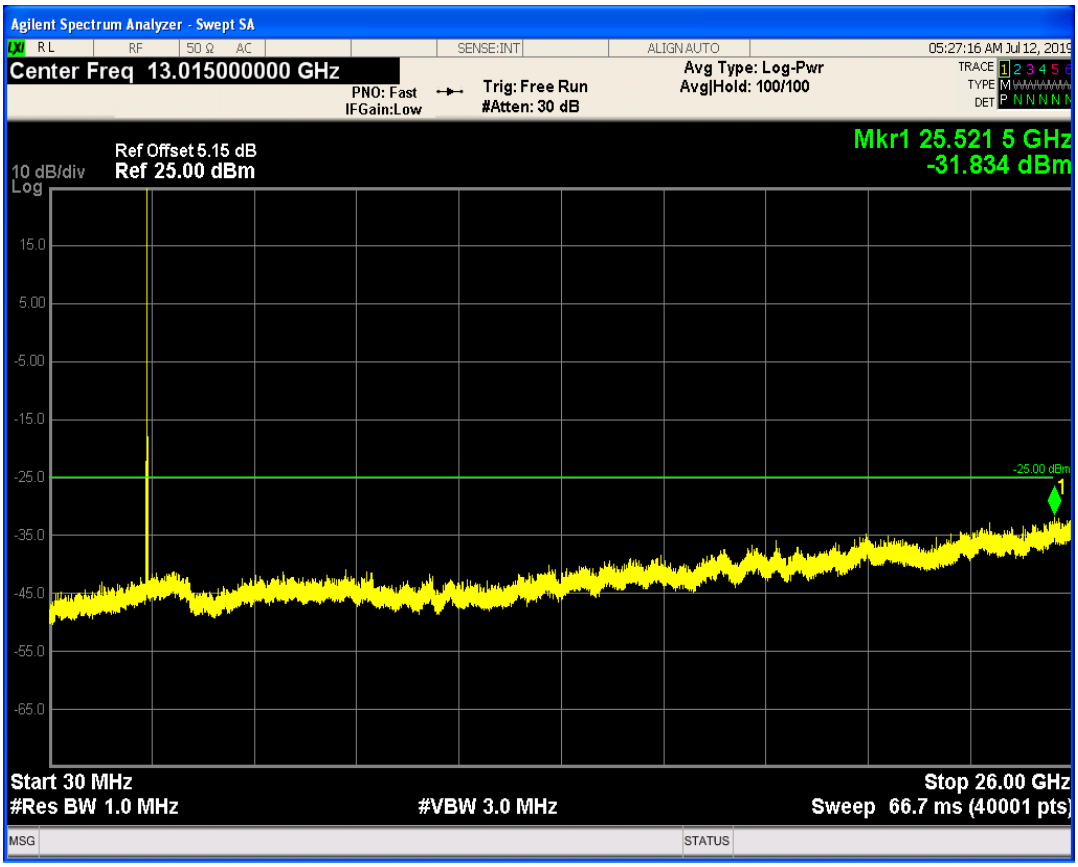
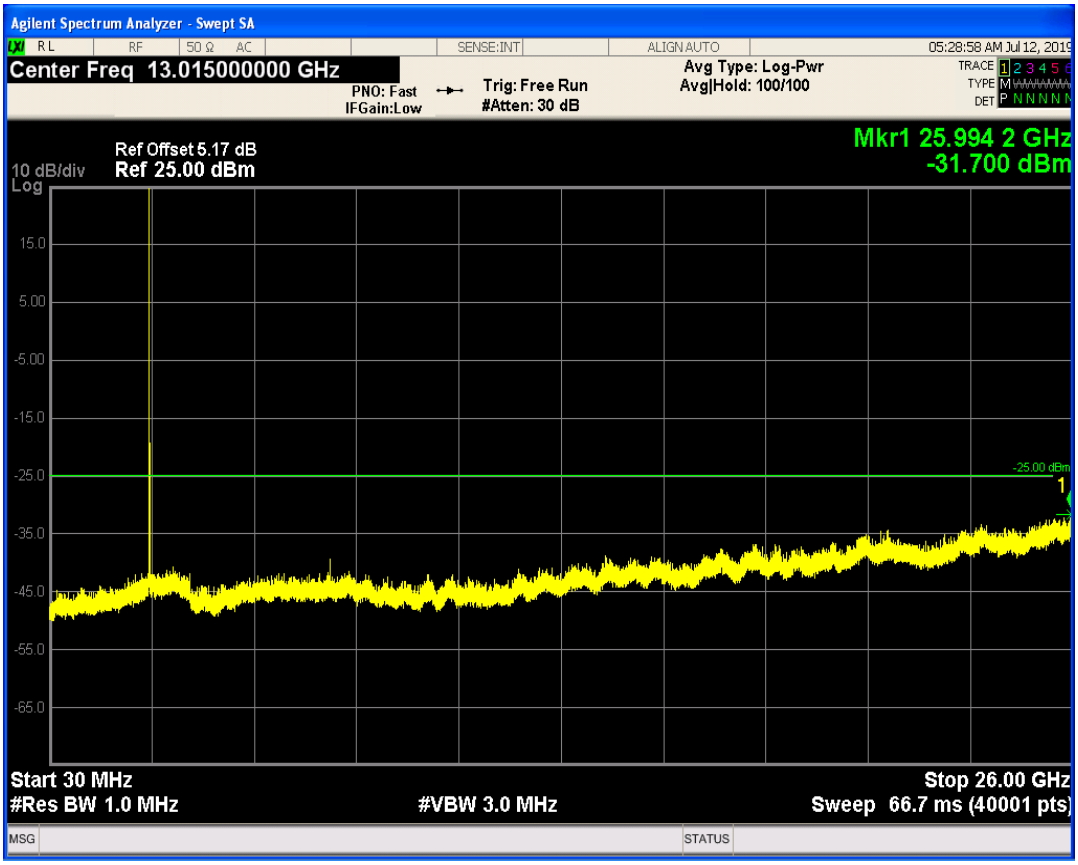


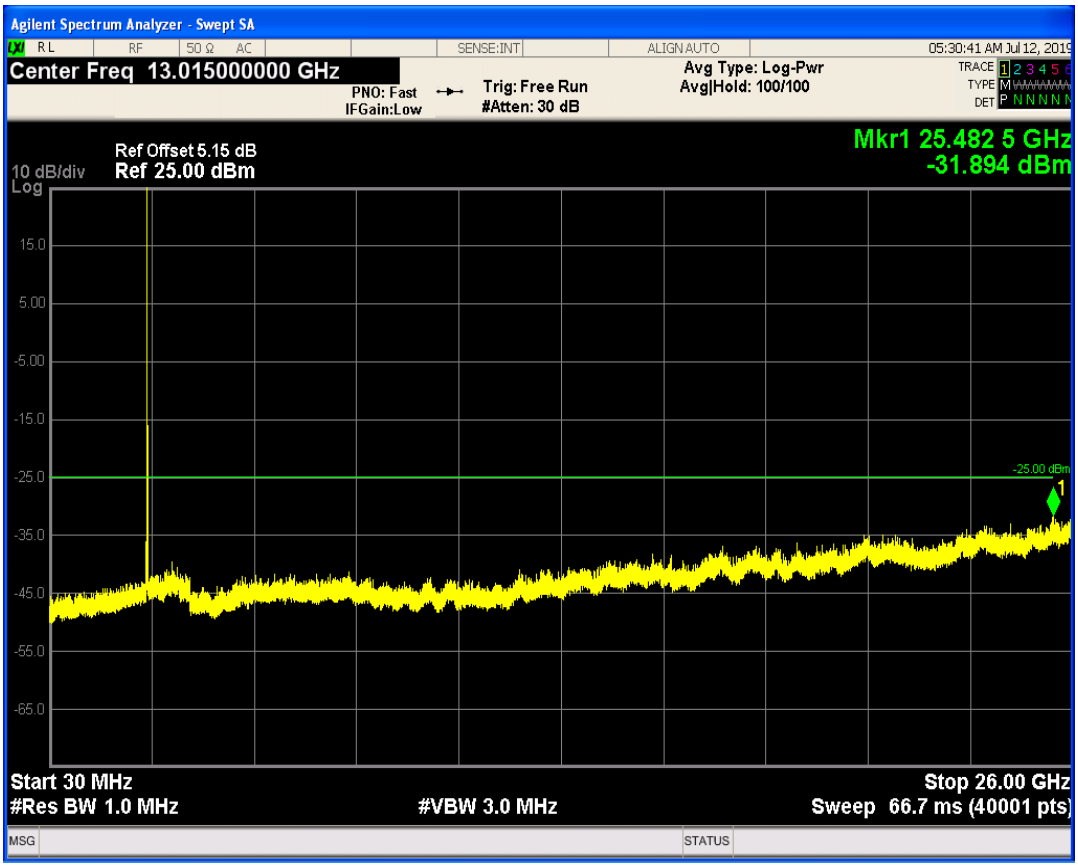
LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#0



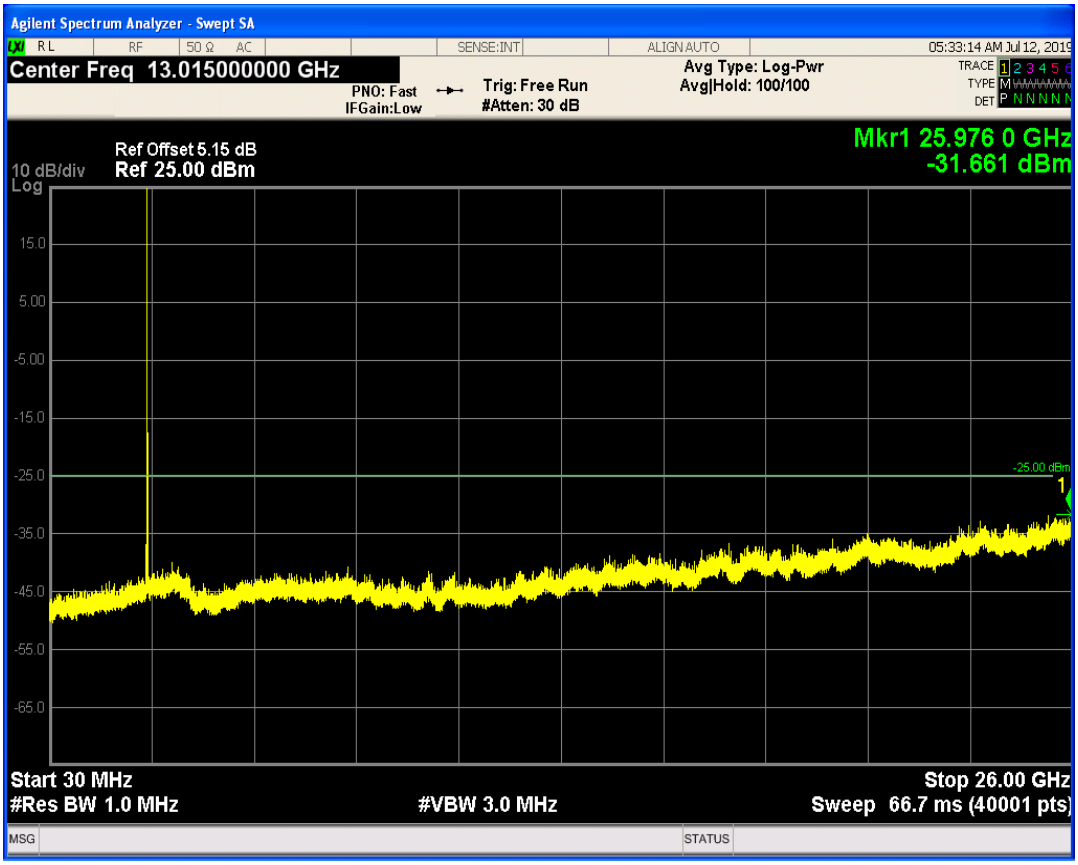
LTE Band7 QAM16 BW=10MHz Channel=21400 RB Size=1 Position=#0



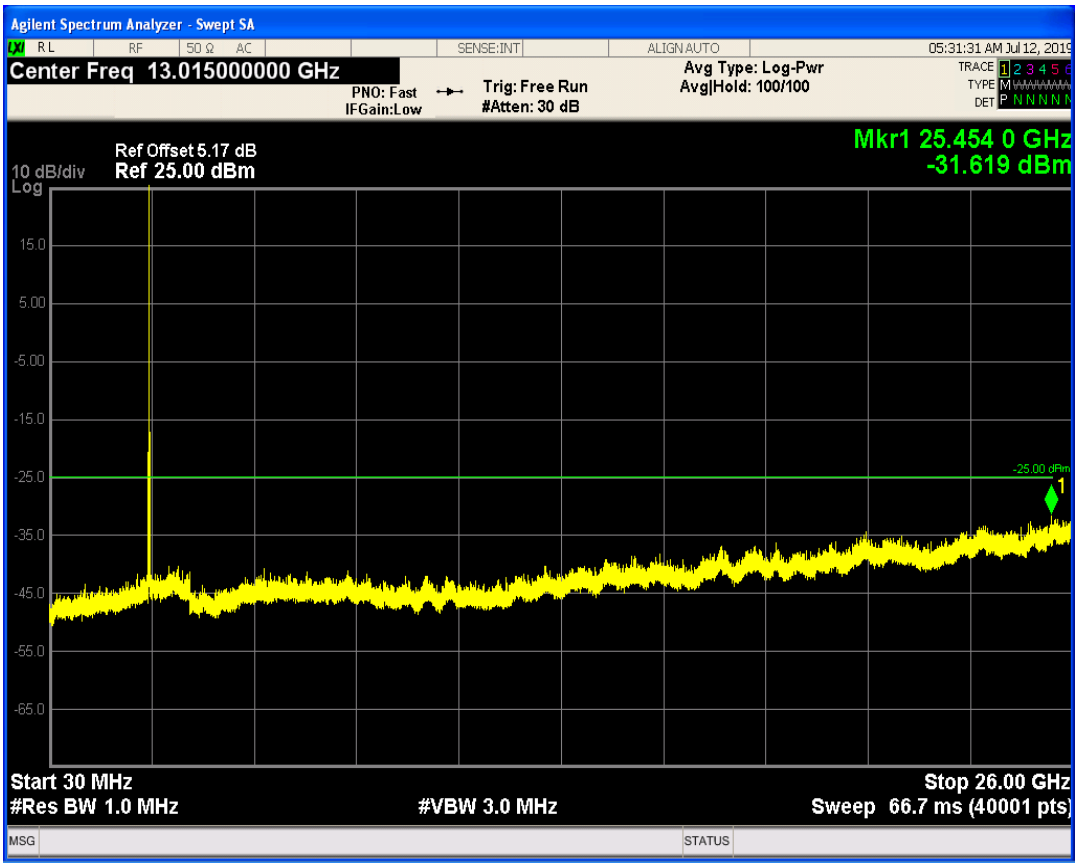
LTE Band7 QAM16 BW=15MHz Channel=20825 RB Size=1 Position=#0



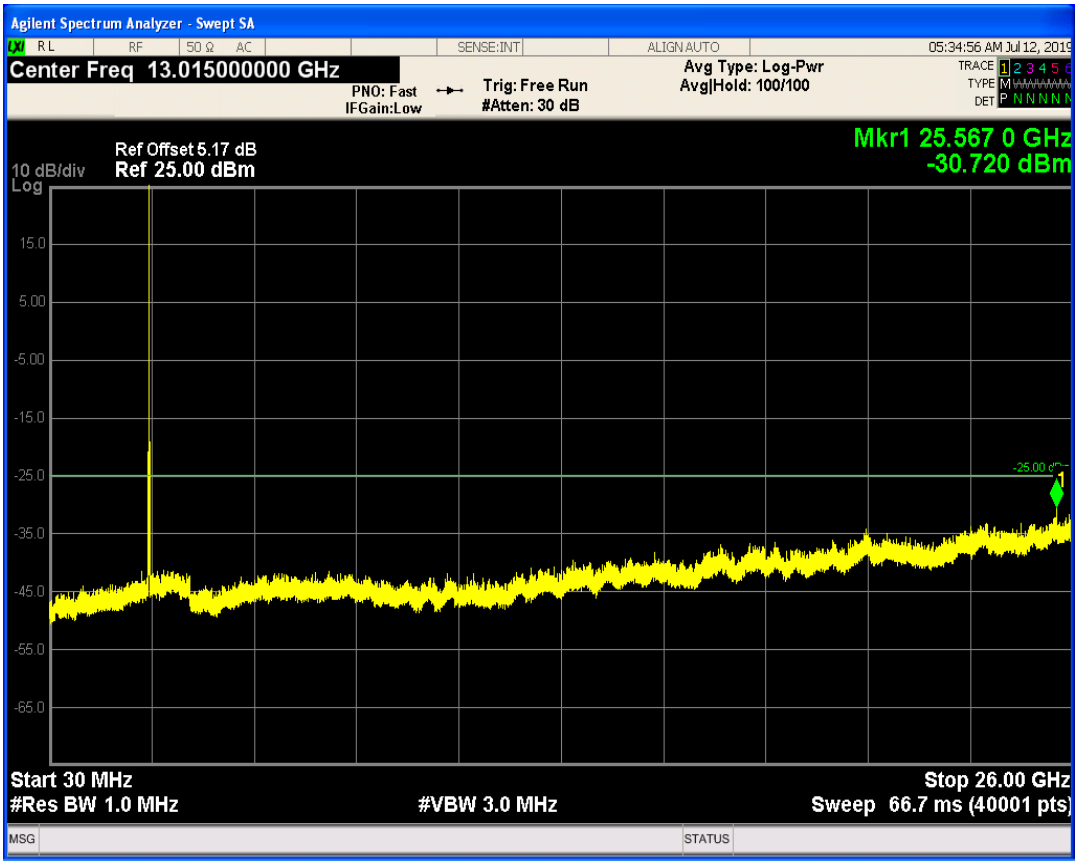
LTE Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



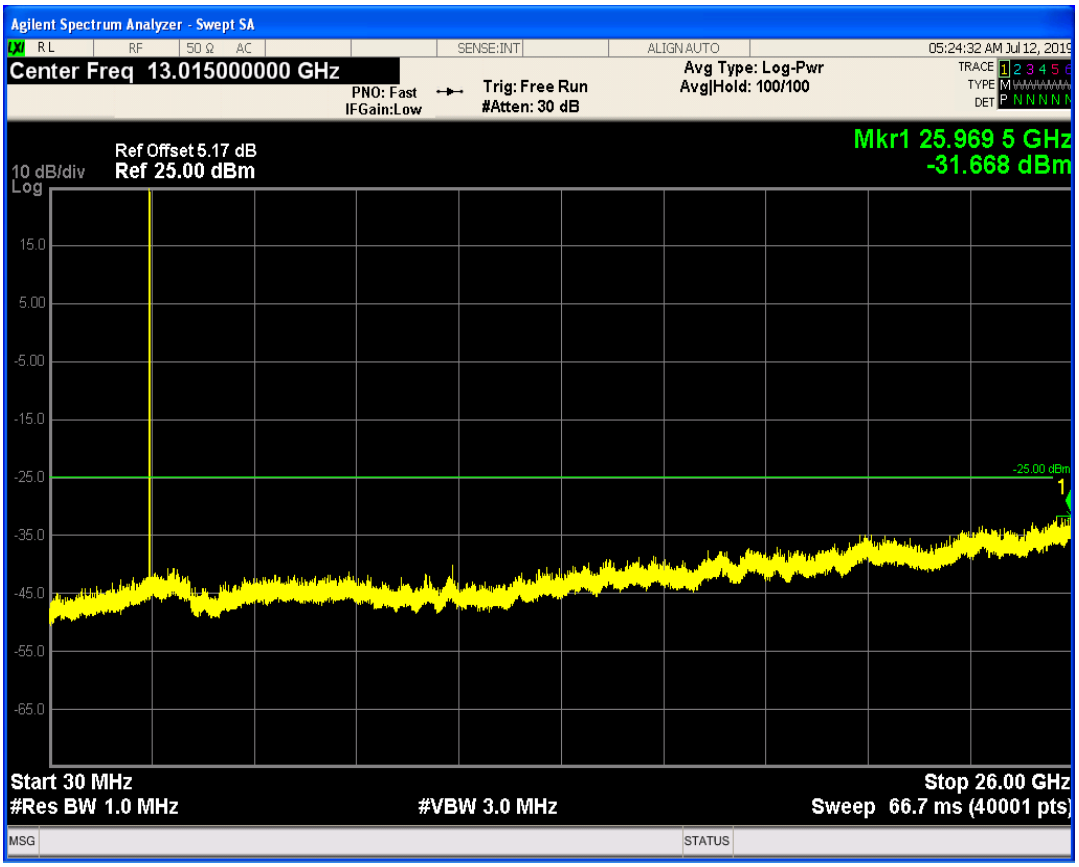
LTE Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



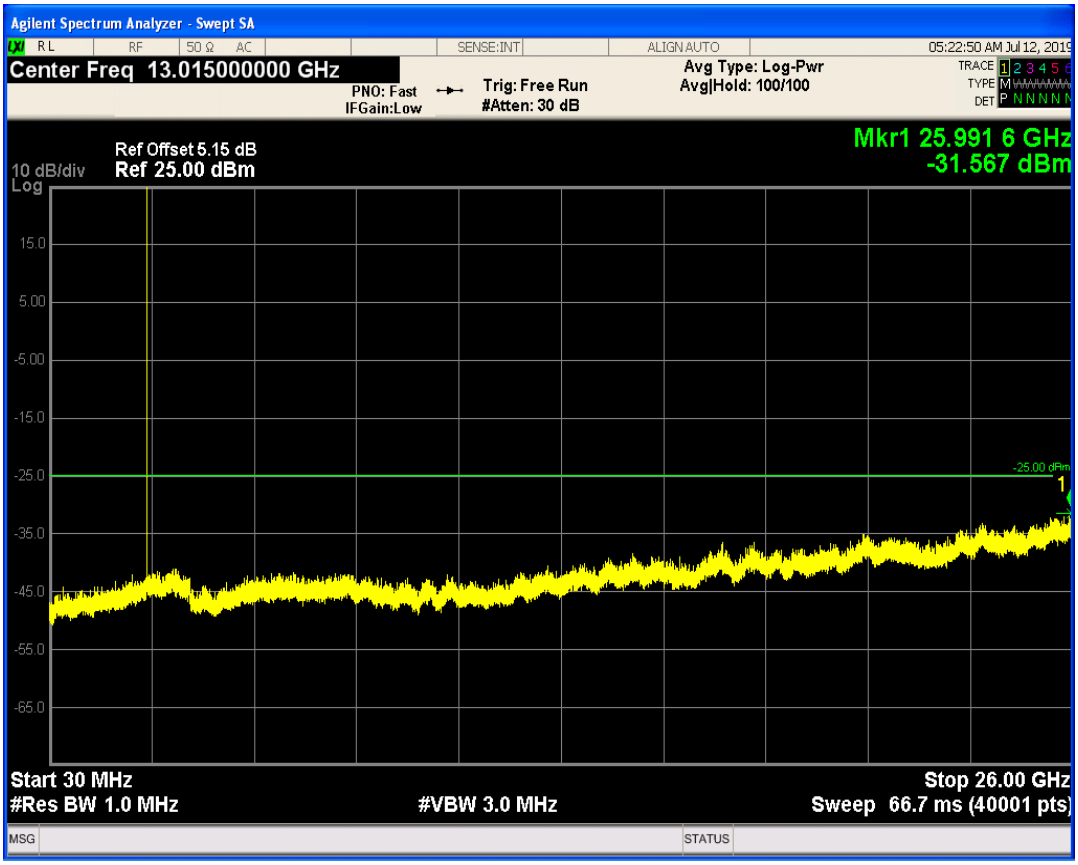
LTE Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



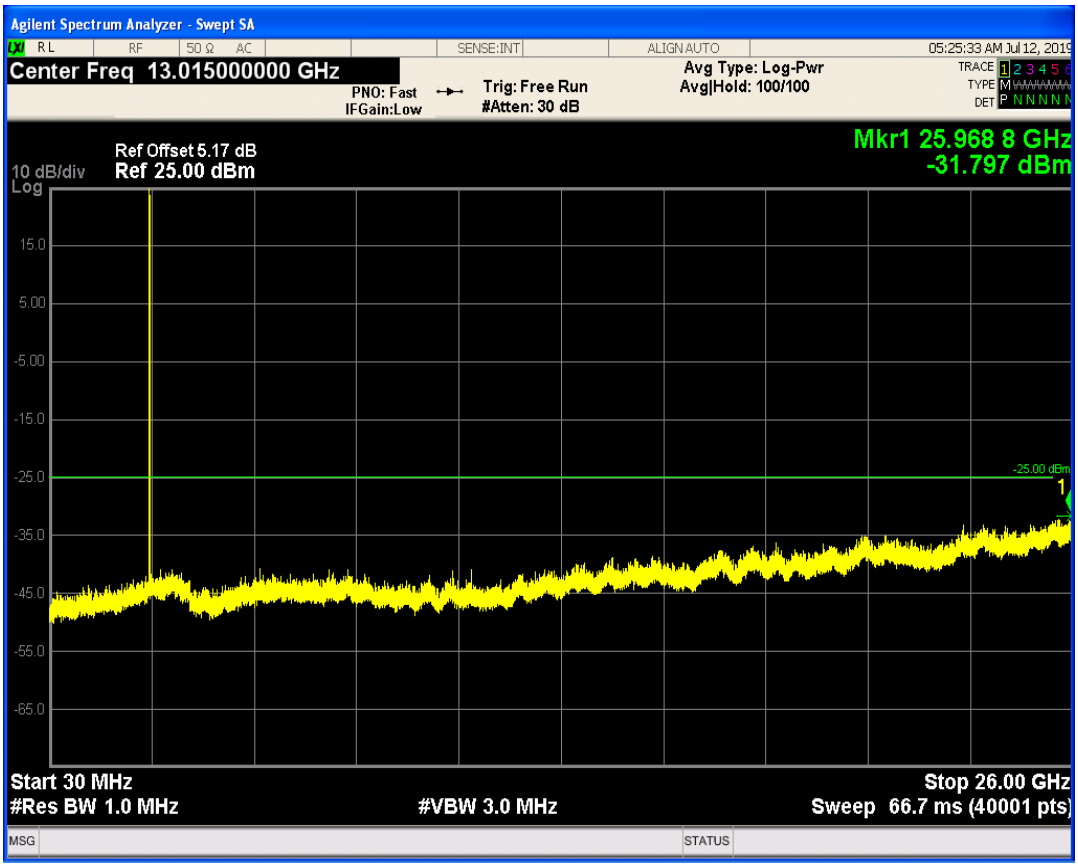
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



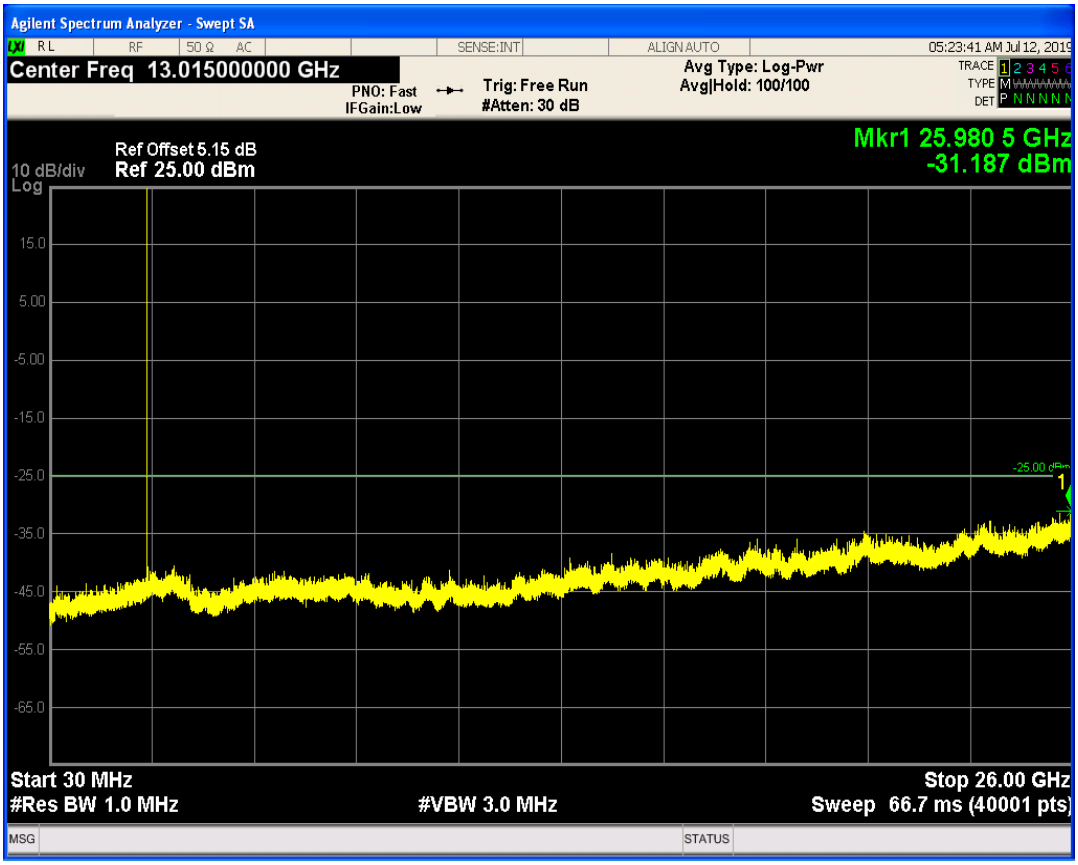
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



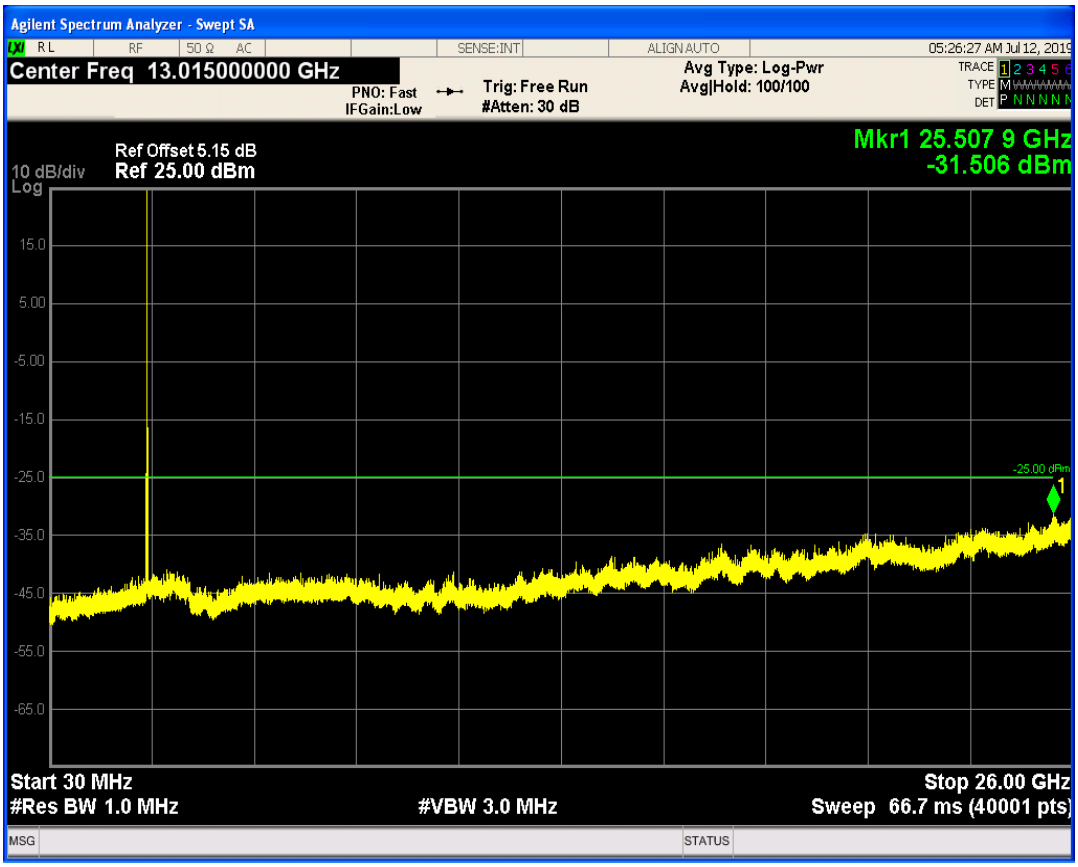
LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#0



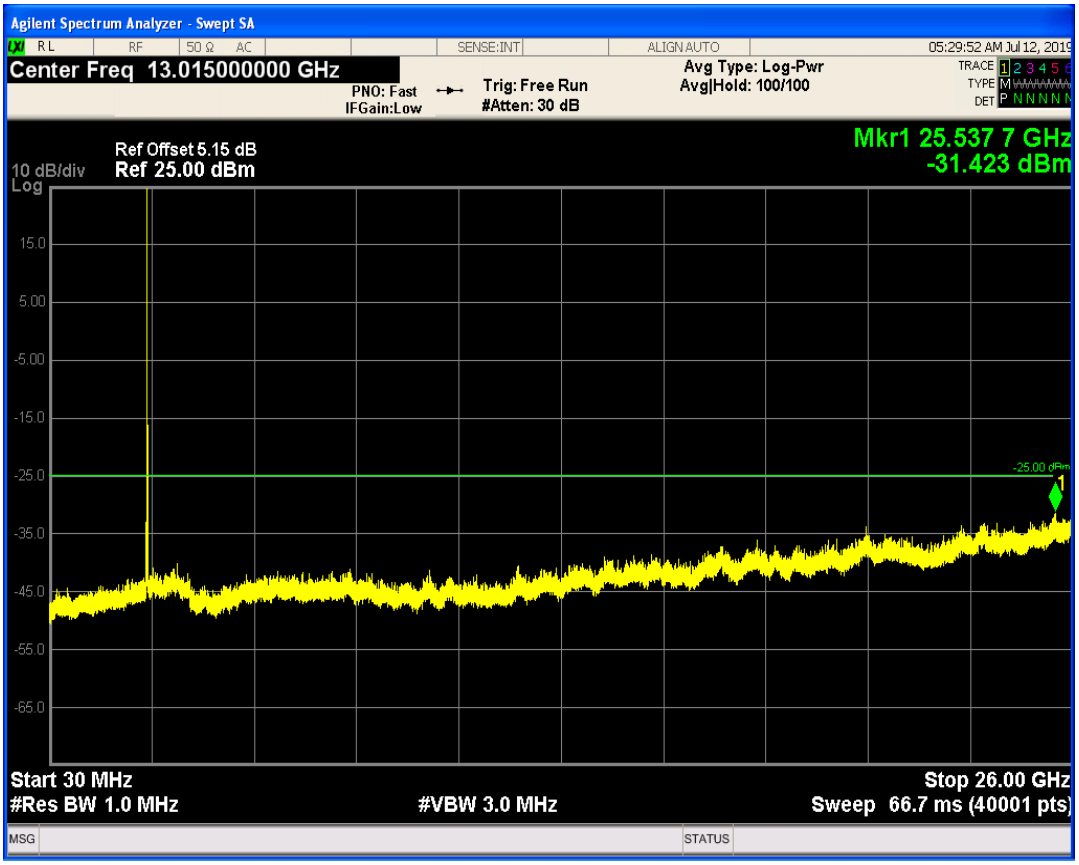
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#0



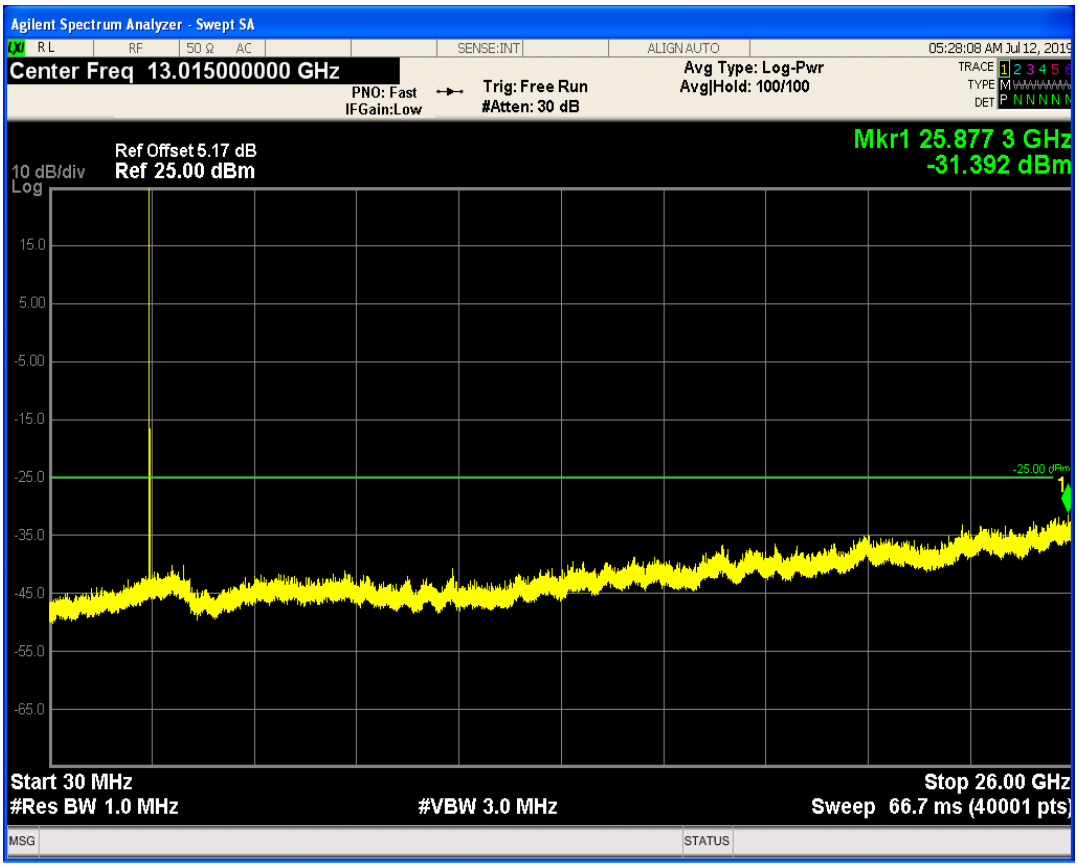
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



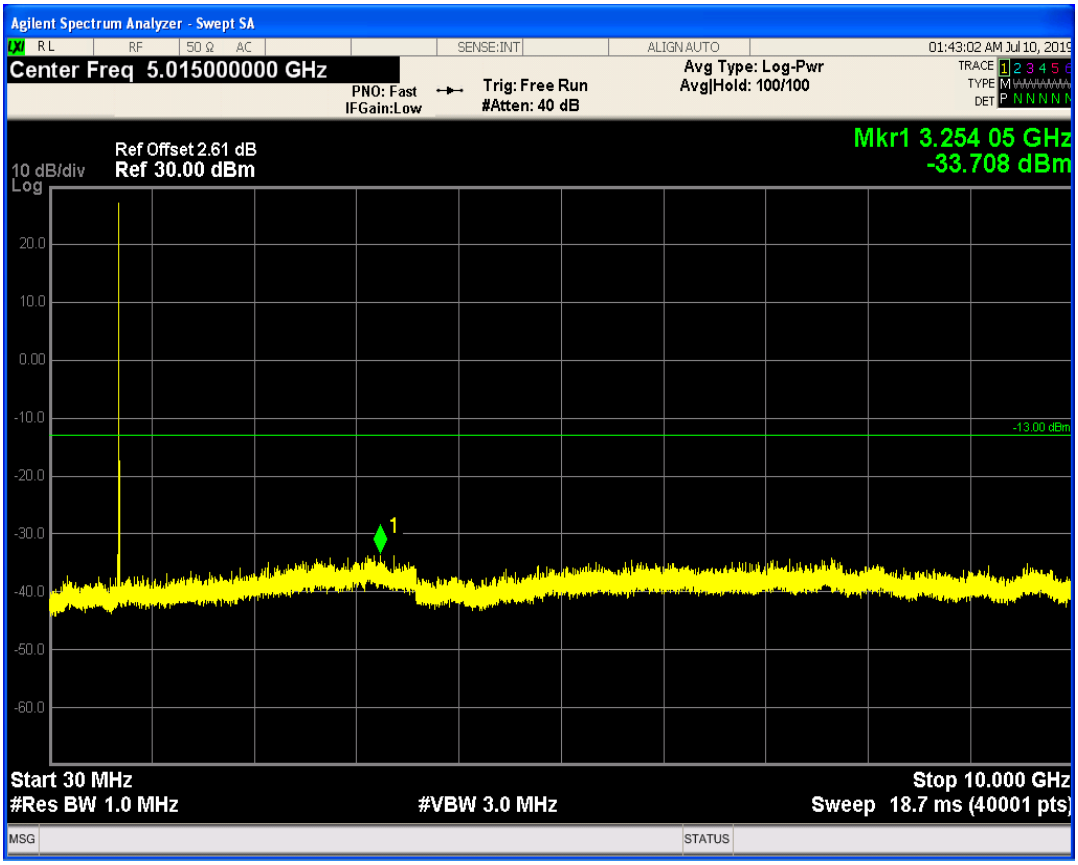
LTE Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



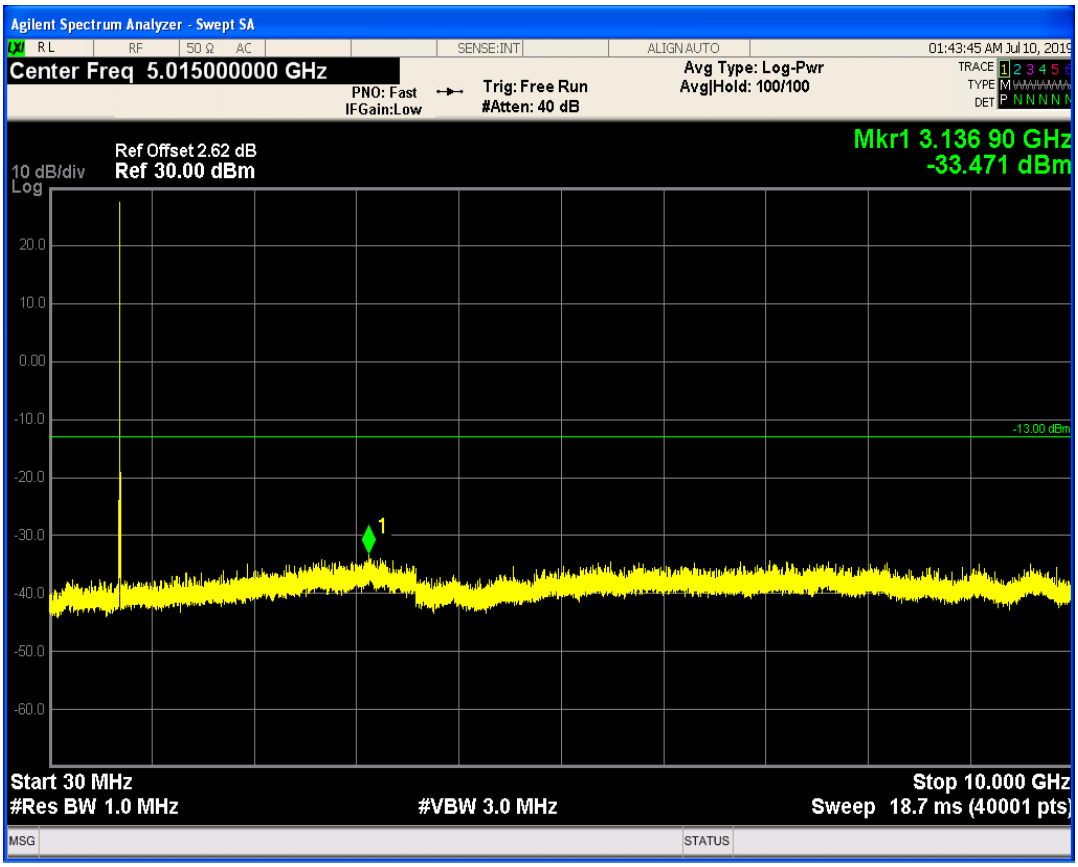
LTE Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



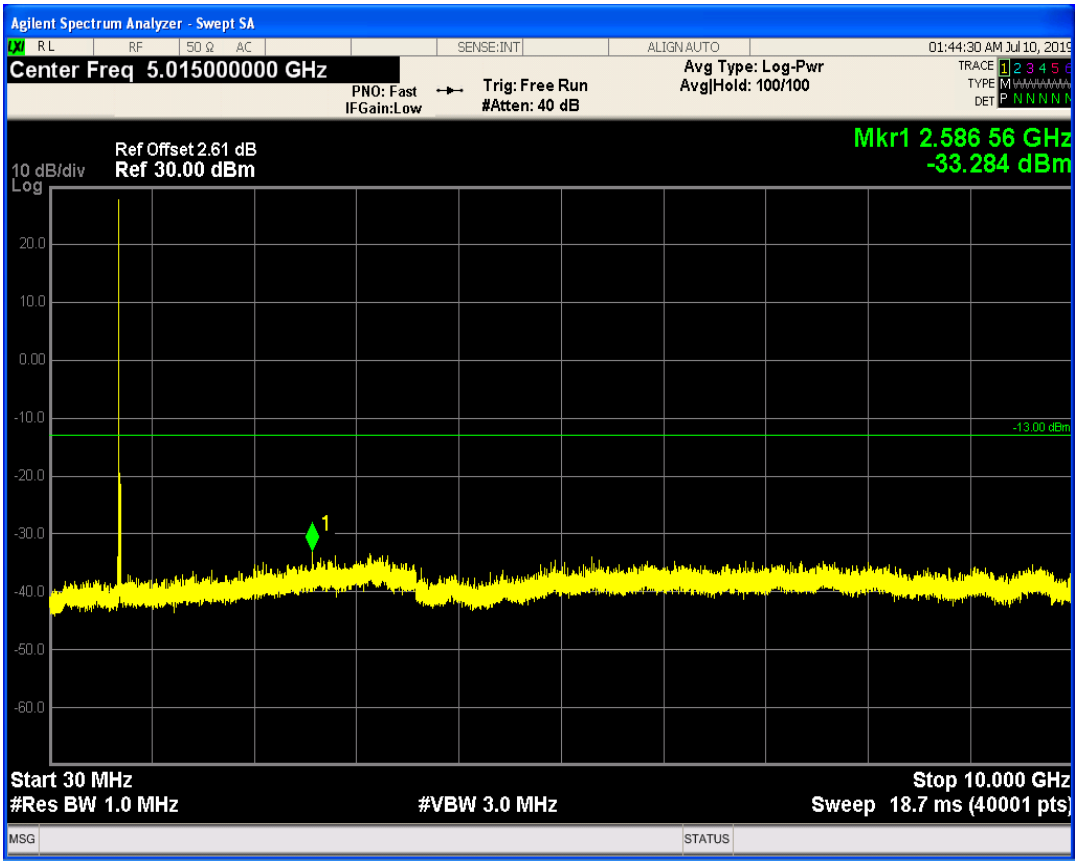
LTE Band17 QAM16 BW=5MHz Channel=23755 RB Size=1 Position=#0



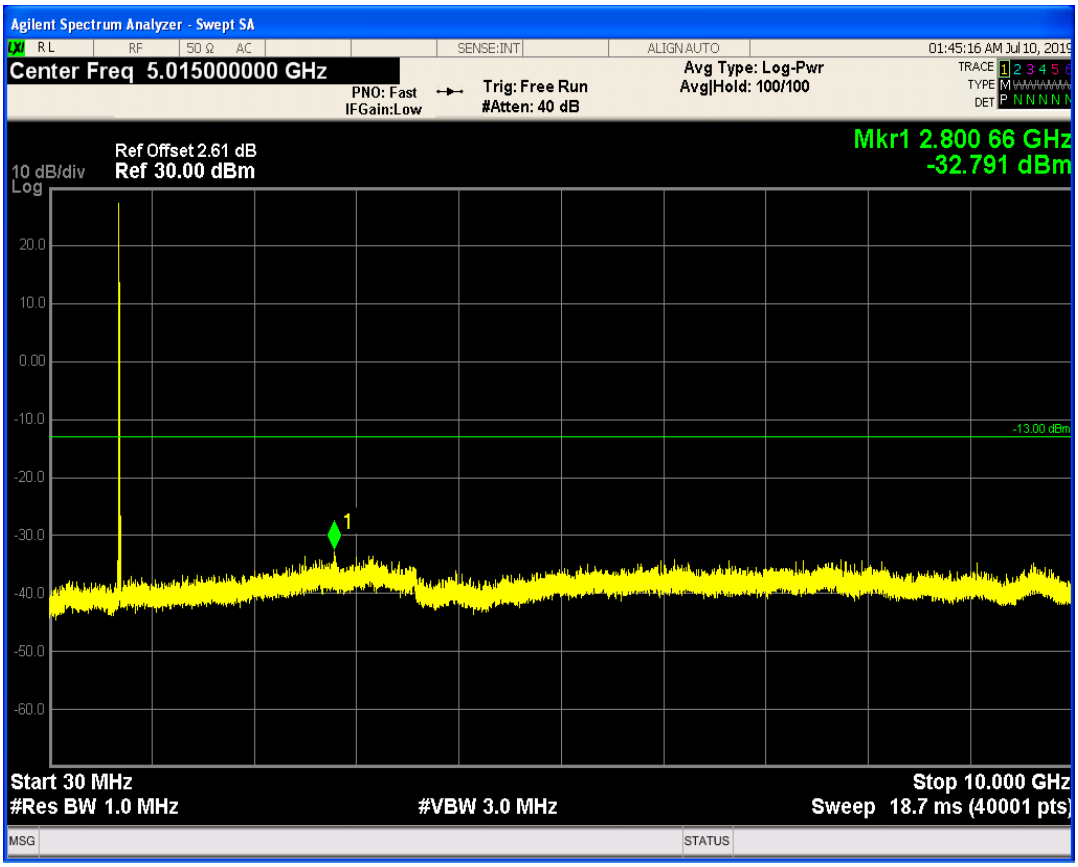
LTE Band17 QAM16 BW=5MHz Channel=23825 RB Size=1 Position=#0



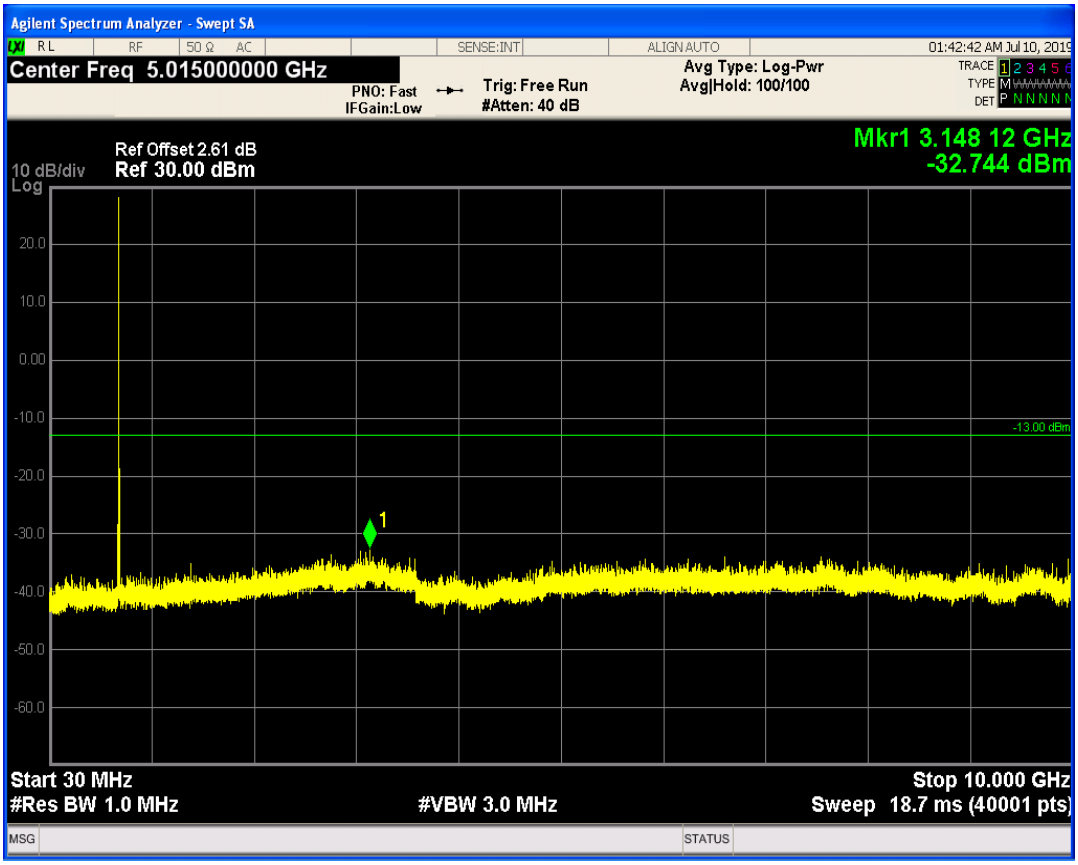
LTE Band17 QAM16 BW=10MHz Channel=23780 RB Size=1 Position=#0



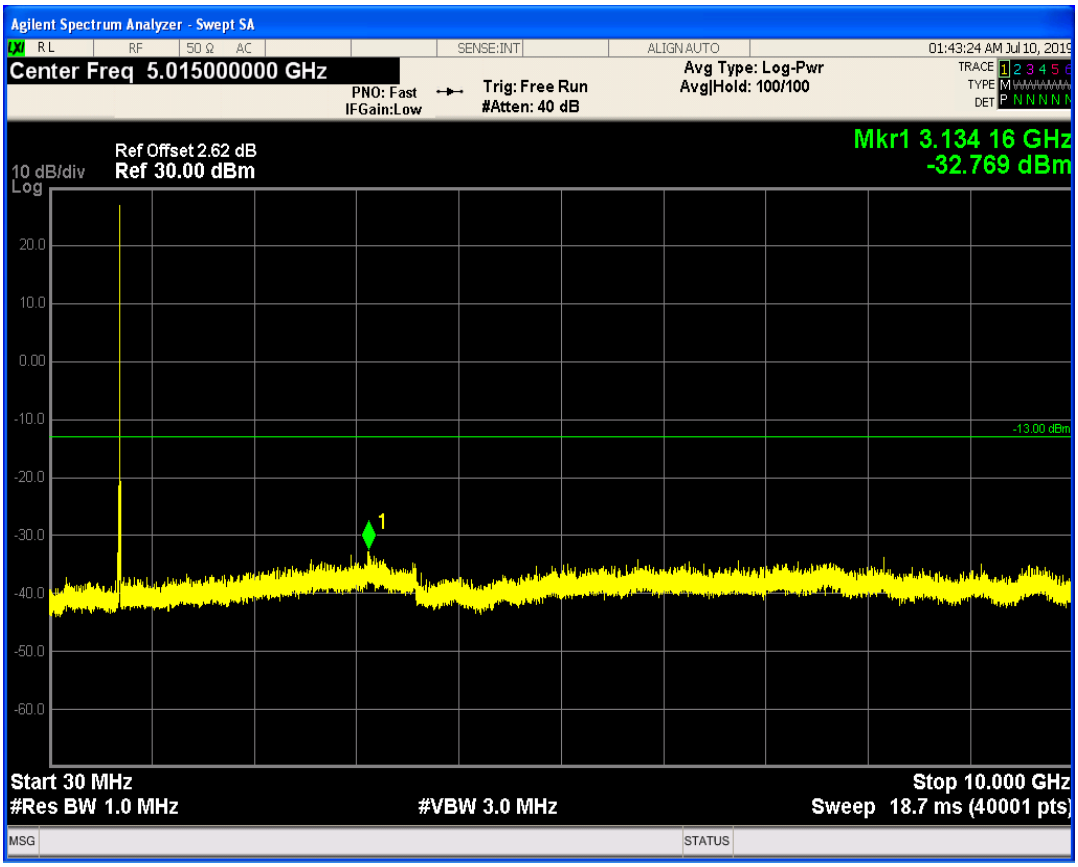
LTE Band17 QAM16 BW=10MHz Channel=23800 RB Size=1 Position=#0



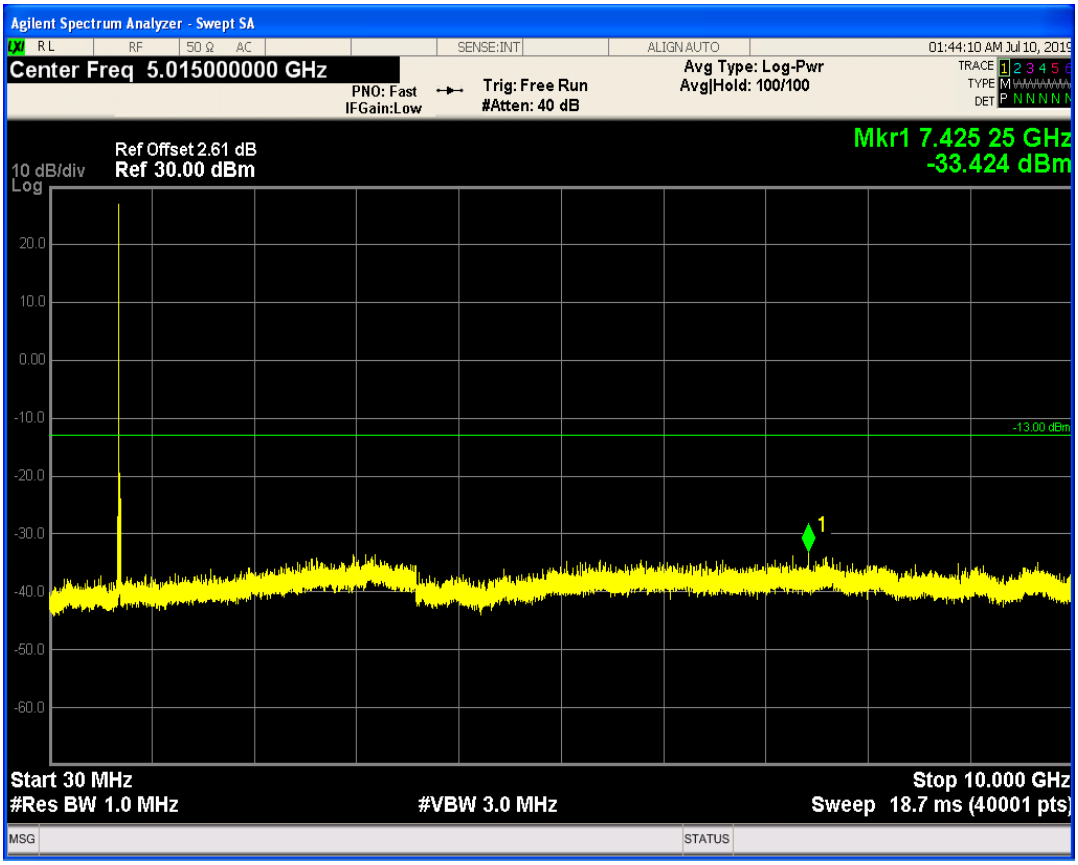
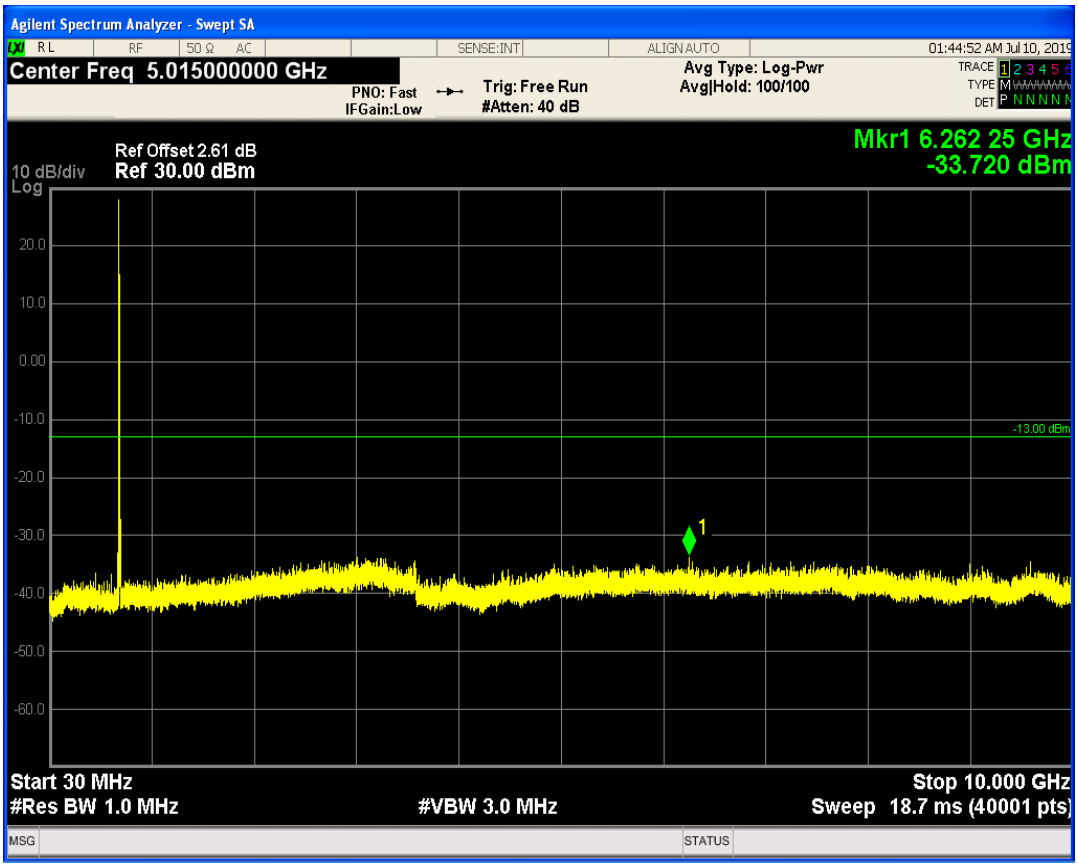
LTE Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0



LTE Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0



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



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