

# FCC CFR47 PART 22H, 24E, 27 CERTIFICATION TEST REPORT

## FCC ID: ZSHR7S

**Product:** Mobile phone

**Trade Mark:** Kenxinda, Ken mobile, KXD, EL, E&L

**Model Number:** R7S

**Family Model:** N/A

**Report No.:** STR190705002005E

### Prepared for

SHENZHEN KENXINDA TECHNOLOGY CO., LTD  
18TH FLOOR, FUCHUN ORIENT BUILDING, SHENNAN AV 7006,  
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### Prepared by

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**1 Conducted output power**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
LTE Band17	5	23755	1	#0	QPSK	23.00	PASS
LTE Band17	5	23755	1	#Mid	QPSK	22.87	PASS
LTE Band17	5	23755	1	#Max	QPSK	22.88	PASS
LTE Band17	5	23755	12	#0	QPSK	21.93	PASS
LTE Band17	5	23755	12	#Mid	QPSK	21.92	PASS
LTE Band17	5	23755	12	#Max	QPSK	21.95	PASS
LTE Band17	5	23755	25	#0	QPSK	21.94	PASS
LTE Band17	5	23755	1	#0	QAM16	22.26	PASS
LTE Band17	5	23755	1	#Mid	QAM16	22.22	PASS
LTE Band17	5	23755	1	#Max	QAM16	22.15	PASS
LTE Band17	5	23755	12	#0	QAM16	20.97	PASS
LTE Band17	5	23755	12	#Mid	QAM16	20.95	PASS
LTE Band17	5	23755	12	#Max	QAM16	20.93	PASS
LTE Band17	5	23755	25	#0	QAM16	20.93	PASS
LTE Band17	5	23790	1	#0	QPSK	22.90	PASS
LTE Band17	5	23790	1	#Mid	QPSK	22.88	PASS
LTE Band17	5	23790	1	#Max	QPSK	22.68	PASS
LTE Band17	5	23790	12	#0	QPSK	21.91	PASS
LTE Band17	5	23790	12	#Mid	QPSK	21.91	PASS
LTE Band17	5	23790	12	#Max	QPSK	21.83	PASS
LTE Band17	5	23790	25	#0	QPSK	21.85	PASS
LTE Band17	5	23790	1	#0	QAM16	22.15	PASS
LTE Band17	5	23790	1	#Mid	QAM16	22.17	PASS
LTE Band17	5	23790	1	#Max	QAM16	22.00	PASS
LTE Band17	5	23790	12	#0	QAM16	20.97	PASS
LTE Band17	5	23790	12	#Mid	QAM16	20.96	PASS
LTE Band17	5	23790	12	#Max	QAM16	20.90	PASS
LTE Band17	5	23790	25	#0	QAM16	20.81	PASS
LTE Band17	5	23825	1	#0	QPSK	22.83	PASS
LTE Band17	5	23825	1	#Mid	QPSK	22.73	PASS
LTE Band17	5	23825	1	#Max	QPSK	22.67	PASS
LTE Band17	5	23825	12	#0	QPSK	21.80	PASS
LTE Band17	5	23825	12	#Mid	QPSK	21.78	PASS
LTE Band17	5	23825	12	#Max	QPSK	21.71	PASS
LTE Band17	5	23825	25	#0	QPSK	21.74	PASS
LTE Band17	5	23825	1	#0	QAM16	22.33	PASS
LTE Band17	5	23825	1	#Mid	QAM16	22.21	PASS
LTE Band17	5	23825	1	#Max	QAM16	22.05	PASS
LTE Band17	5	23825	12	#0	QAM16	20.82	PASS
LTE Band17	5	23825	12	#Mid	QAM16	20.78	PASS
LTE Band17	5	23825	12	#Max	QAM16	20.74	PASS

LTE Band17	5	23825	25	#0	QAM16	20.69	PASS
LTE Band17	10	23780	1	#0	QPSK	22.97	PASS
LTE Band17	10	23780	1	#Mid	QPSK	22.88	PASS
LTE Band17	10	23780	1	#Max	QPSK	22.68	PASS
LTE Band17	10	23780	25	#0	QPSK	21.95	PASS
LTE Band17	10	23780	25	#Mid	QPSK	21.89	PASS
LTE Band17	10	23780	25	#Max	QPSK	21.83	PASS
LTE Band17	10	23780	50	#0	QPSK	21.89	PASS
LTE Band17	10	23780	1	#0	QAM16	22.29	PASS
LTE Band17	10	23780	1	#Mid	QAM16	22.24	PASS
LTE Band17	10	23780	1	#Max	QAM16	22.07	PASS
LTE Band17	10	23780	25	#0	QAM16	20.94	PASS
LTE Band17	10	23780	25	#Mid	QAM16	20.92	PASS
LTE Band17	10	23780	25	#Max	QAM16	20.86	PASS
LTE Band17	10	23780	50	#0	QAM16	20.87	PASS
LTE Band17	10	23790	1	#0	QPSK	22.98	PASS
LTE Band17	10	23790	1	#Mid	QPSK	22.83	PASS
LTE Band17	10	23790	1	#Max	QPSK	22.65	PASS
LTE Band17	10	23790	25	#0	QPSK	21.91	PASS
LTE Band17	10	23790	25	#Mid	QPSK	21.83	PASS
LTE Band17	10	23790	25	#Max	QPSK	21.77	PASS
LTE Band17	10	23790	50	#0	QPSK	21.87	PASS
LTE Band17	10	23790	1	#0	QAM16	22.08	PASS
LTE Band17	10	23790	1	#Mid	QAM16	22.02	PASS
LTE Band17	10	23790	1	#Max	QAM16	21.81	PASS
LTE Band17	10	23790	25	#0	QAM16	20.92	PASS
LTE Band17	10	23790	25	#Mid	QAM16	20.85	PASS
LTE Band17	10	23790	25	#Max	QAM16	20.79	PASS
LTE Band17	10	23790	50	#0	QAM16	20.88	PASS
LTE Band17	10	23800	1	#0	QPSK	22.97	PASS
LTE Band17	10	23800	1	#Mid	QPSK	22.81	PASS
LTE Band17	10	23800	1	#Max	QPSK	22.69	PASS
LTE Band17	10	23800	25	#0	QPSK	21.87	PASS
LTE Band17	10	23800	25	#Mid	QPSK	21.82	PASS
LTE Band17	10	23800	25	#Max	QPSK	21.73	PASS
LTE Band17	10	23800	50	#0	QPSK	21.83	PASS
LTE Band17	10	23800	1	#0	QAM16	21.81	PASS
LTE Band17	10	23800	1	#Mid	QAM16	21.71	PASS
LTE Band17	10	23800	1	#Max	QAM16	21.50	PASS
LTE Band17	10	23800	25	#0	QAM16	20.87	PASS
LTE Band17	10	23800	25	#Mid	QAM16	20.81	PASS
LTE Band17	10	23800	25	#Max	QAM16	20.72	PASS
LTE Band17	10	23800	50	#0	QAM16	20.79	PASS
LTE Band4	1.4	19957	1	#0	QPSK	22.45	PASS

LTE Band4	1.4	19957	1	#Mid	QPSK	22.52	PASS
LTE Band4	1.4	19957	1	#Max	QPSK	22.35	PASS
LTE Band4	1.4	19957	3	#0	QPSK	22.40	PASS
LTE Band4	1.4	19957	3	#Mid	QPSK	22.35	PASS
LTE Band4	1.4	19957	3	#Max	QPSK	22.39	PASS
LTE Band4	1.4	19957	6	#0	QPSK	21.47	PASS
LTE Band4	1.4	19957	1	#0	QAM16	21.39	PASS
LTE Band4	1.4	19957	1	#Mid	QAM16	21.46	PASS
LTE Band4	1.4	19957	1	#Max	QAM16	21.40	PASS
LTE Band4	1.4	19957	3	#0	QAM16	21.49	PASS
LTE Band4	1.4	19957	3	#Mid	QAM16	21.45	PASS
LTE Band4	1.4	19957	3	#Max	QAM16	21.48	PASS
LTE Band4	1.4	19957	6	#0	QAM16	20.52	PASS
LTE Band4	1.4	20175	1	#0	QPSK	22.53	PASS
LTE Band4	1.4	20175	1	#Mid	QPSK	22.59	PASS
LTE Band4	1.4	20175	1	#Max	QPSK	22.51	PASS
LTE Band4	1.4	20175	3	#0	QPSK	22.54	PASS
LTE Band4	1.4	20175	3	#Mid	QPSK	22.47	PASS
LTE Band4	1.4	20175	3	#Max	QPSK	22.53	PASS
LTE Band4	1.4	20175	6	#0	QPSK	21.54	PASS
LTE Band4	1.4	20175	1	#0	QAM16	21.59	PASS
LTE Band4	1.4	20175	1	#Mid	QAM16	21.62	PASS
LTE Band4	1.4	20175	1	#Max	QAM16	21.57	PASS
LTE Band4	1.4	20175	3	#0	QAM16	21.68	PASS
LTE Band4	1.4	20175	3	#Mid	QAM16	21.62	PASS
LTE Band4	1.4	20175	3	#Max	QAM16	21.66	PASS
LTE Band4	1.4	20175	6	#0	QAM16	20.61	PASS
LTE Band4	1.4	20393	1	#0	QPSK	22.29	PASS
LTE Band4	1.4	20393	1	#Mid	QPSK	22.10	PASS
LTE Band4	1.4	20393	1	#Max	QPSK	22.12	PASS
LTE Band4	1.4	20393	3	#0	QPSK	22.18	PASS
LTE Band4	1.4	20393	3	#Mid	QPSK	22.11	PASS
LTE Band4	1.4	20393	3	#Max	QPSK	22.06	PASS
LTE Band4	1.4	20393	6	#0	QPSK	21.37	PASS
LTE Band4	1.4	20393	1	#0	QAM16	21.02	PASS
LTE Band4	1.4	20393	1	#Mid	QAM16	21.05	PASS
LTE Band4	1.4	20393	1	#Max	QAM16	21.03	PASS
LTE Band4	1.4	20393	3	#0	QAM16	21.27	PASS
LTE Band4	1.4	20393	3	#Mid	QAM16	21.23	PASS
LTE Band4	1.4	20393	3	#Max	QAM16	21.28	PASS
LTE Band4	1.4	20393	6	#0	QAM16	20.38	PASS
LTE Band4	3	19965	1	#0	QPSK	22.52	PASS
LTE Band4	3	19965	1	#Mid	QPSK	22.57	PASS
LTE Band4	3	19965	1	#Max	QPSK	22.56	PASS

LTE Band4	3	19965	8	#0	QPSK	21.54	PASS
LTE Band4	3	19965	8	#Mid	QPSK	21.55	PASS
LTE Band4	3	19965	8	#Max	QPSK	21.55	PASS
LTE Band4	3	19965	15	#0	QPSK	21.48	PASS
LTE Band4	3	19965	1	#0	QAM16	21.65	PASS
LTE Band4	3	19965	1	#Mid	QAM16	21.71	PASS
LTE Band4	3	19965	1	#Max	QAM16	21.65	PASS
LTE Band4	3	19965	8	#0	QAM16	20.45	PASS
LTE Band4	3	19965	8	#Mid	QAM16	20.46	PASS
LTE Band4	3	19965	8	#Max	QAM16	20.45	PASS
LTE Band4	3	19965	15	#0	QAM16	20.41	PASS
LTE Band4	3	20175	1	#0	QPSK	22.49	PASS
LTE Band4	3	20175	1	#Mid	QPSK	22.55	PASS
LTE Band4	3	20175	1	#Max	QPSK	22.48	PASS
LTE Band4	3	20175	8	#0	QPSK	21.57	PASS
LTE Band4	3	20175	8	#Mid	QPSK	21.58	PASS
LTE Band4	3	20175	8	#Max	QPSK	21.56	PASS
LTE Band4	3	20175	15	#0	QPSK	21.54	PASS
LTE Band4	3	20175	1	#0	QAM16	21.55	PASS
LTE Band4	3	20175	1	#Mid	QAM16	21.59	PASS
LTE Band4	3	20175	1	#Max	QAM16	21.51	PASS
LTE Band4	3	20175	8	#0	QAM16	20.52	PASS
LTE Band4	3	20175	8	#Mid	QAM16	20.52	PASS
LTE Band4	3	20175	8	#Max	QAM16	20.51	PASS
LTE Band4	3	20175	15	#0	QAM16	20.44	PASS
LTE Band4	3	20385	1	#0	QPSK	22.35	PASS
LTE Band4	3	20385	1	#Mid	QPSK	22.10	PASS
LTE Band4	3	20385	1	#Max	QPSK	21.95	PASS
LTE Band4	3	20385	8	#0	QPSK	21.38	PASS
LTE Band4	3	20385	8	#Mid	QPSK	21.41	PASS
LTE Band4	3	20385	8	#Max	QPSK	21.30	PASS
LTE Band4	3	20385	15	#0	QPSK	21.29	PASS
LTE Band4	3	20385	1	#0	QAM16	21.01	PASS
LTE Band4	3	20385	1	#Mid	QAM16	20.99	PASS
LTE Band4	3	20385	1	#Max	QAM16	20.87	PASS
LTE Band4	3	20385	8	#0	QAM16	20.23	PASS
LTE Band4	3	20385	8	#Mid	QAM16	20.25	PASS
LTE Band4	3	20385	8	#Max	QAM16	20.25	PASS
LTE Band4	3	20385	15	#0	QAM16	20.24	PASS
LTE Band4	5	19975	1	#0	QPSK	22.55	PASS
LTE Band4	5	19975	1	#Mid	QPSK	22.57	PASS
LTE Band4	5	19975	1	#Max	QPSK	22.55	PASS
LTE Band4	5	19975	12	#0	QPSK	21.53	PASS
LTE Band4	5	19975	12	#Mid	QPSK	21.52	PASS

LTE Band4	5	19975	12	#Max	QPSK	21.52	PASS
LTE Band4	5	19975	25	#0	QPSK	21.47	PASS
LTE Band4	5	19975	1	#0	QAM16	21.81	PASS
LTE Band4	5	19975	1	#Mid	QAM16	21.83	PASS
LTE Band4	5	19975	1	#Max	QAM16	21.78	PASS
LTE Band4	5	19975	12	#0	QAM16	20.46	PASS
LTE Band4	5	19975	12	#Mid	QAM16	20.43	PASS
LTE Band4	5	19975	12	#Max	QAM16	20.45	PASS
LTE Band4	5	19975	25	#0	QAM16	20.34	PASS
LTE Band4	5	20175	1	#0	QPSK	22.60	PASS
LTE Band4	5	20175	1	#Mid	QPSK	22.61	PASS
LTE Band4	5	20175	1	#Max	QPSK	22.53	PASS
LTE Band4	5	20175	12	#0	QPSK	21.58	PASS
LTE Band4	5	20175	12	#Mid	QPSK	21.57	PASS
LTE Band4	5	20175	12	#Max	QPSK	21.57	PASS
LTE Band4	5	20175	25	#0	QPSK	21.50	PASS
LTE Band4	5	20175	1	#0	QAM16	21.78	PASS
LTE Band4	5	20175	1	#Mid	QAM16	21.76	PASS
LTE Band4	5	20175	1	#Max	QAM16	21.65	PASS
LTE Band4	5	20175	12	#0	QAM16	20.50	PASS
LTE Band4	5	20175	12	#Mid	QAM16	20.49	PASS
LTE Band4	5	20175	12	#Max	QAM16	20.48	PASS
LTE Band4	5	20175	25	#0	QAM16	20.50	PASS
LTE Band4	5	20375	1	#0	QPSK	22.38	PASS
LTE Band4	5	20375	1	#Mid	QPSK	21.75	PASS
LTE Band4	5	20375	1	#Max	QPSK	21.71	PASS
LTE Band4	5	20375	12	#0	QPSK	21.35	PASS
LTE Band4	5	20375	12	#Mid	QPSK	21.10	PASS
LTE Band4	5	20375	12	#Max	QPSK	20.92	PASS
LTE Band4	5	20375	25	#0	QPSK	21.13	PASS
LTE Band4	5	20375	1	#0	QAM16	21.47	PASS
LTE Band4	5	20375	1	#Mid	QAM16	21.09	PASS
LTE Band4	5	20375	1	#Max	QAM16	21.05	PASS
LTE Band4	5	20375	12	#0	QAM16	20.28	PASS
LTE Band4	5	20375	12	#Mid	QAM16	20.22	PASS
LTE Band4	5	20375	12	#Max	QAM16	20.04	PASS
LTE Band4	5	20375	25	#0	QAM16	20.18	PASS
LTE Band4	10	20000	1	#0	QPSK	22.57	PASS
LTE Band4	10	20000	1	#Mid	QPSK	22.48	PASS
LTE Band4	10	20000	1	#Max	QPSK	22.45	PASS
LTE Band4	10	20000	25	#0	QPSK	21.47	PASS
LTE Band4	10	20000	25	#Mid	QPSK	21.48	PASS
LTE Band4	10	20000	25	#Max	QPSK	21.52	PASS
LTE Band4	10	20000	50	#0	QPSK	21.47	PASS

LTE Band4	10	20000	1	#0	QAM16	21.73	PASS
LTE Band4	10	20000	1	#Mid	QAM16	21.77	PASS
LTE Band4	10	20000	1	#Max	QAM16	21.78	PASS
LTE Band4	10	20000	25	#0	QAM16	20.43	PASS
LTE Band4	10	20000	25	#Mid	QAM16	20.43	PASS
LTE Band4	10	20000	25	#Max	QAM16	20.46	PASS
LTE Band4	10	20000	50	#0	QAM16	20.42	PASS
LTE Band4	10	20175	1	#0	QPSK	22.59	PASS
LTE Band4	10	20175	1	#Mid	QPSK	22.57	PASS
LTE Band4	10	20175	1	#Max	QPSK	22.50	PASS
LTE Band4	10	20175	25	#0	QPSK	21.53	PASS
LTE Band4	10	20175	25	#Mid	QPSK	21.51	PASS
LTE Band4	10	20175	25	#Max	QPSK	21.47	PASS
LTE Band4	10	20175	50	#0	QPSK	21.52	PASS
LTE Band4	10	20175	1	#0	QAM16	21.61	PASS
LTE Band4	10	20175	1	#Mid	QAM16	21.61	PASS
LTE Band4	10	20175	1	#Max	QAM16	21.49	PASS
LTE Band4	10	20175	25	#0	QAM16	20.49	PASS
LTE Band4	10	20175	25	#Mid	QAM16	20.49	PASS
LTE Band4	10	20175	25	#Max	QAM16	20.43	PASS
LTE Band4	10	20175	50	#0	QAM16	20.50	PASS
LTE Band4	10	20350	1	#0	QPSK	22.44	PASS
LTE Band4	10	20350	1	#Mid	QPSK	21.97	PASS
LTE Band4	10	20350	1	#Max	QPSK	21.25	PASS
LTE Band4	10	20350	25	#0	QPSK	21.30	PASS
LTE Band4	10	20350	25	#Mid	QPSK	21.30	PASS
LTE Band4	10	20350	25	#Max	QPSK	20.99	PASS
LTE Band4	10	20350	50	#0	QPSK	21.29	PASS
LTE Band4	10	20350	1	#0	QAM16	21.11	PASS
LTE Band4	10	20350	1	#Mid	QAM16	20.93	PASS
LTE Band4	10	20350	1	#Max	QAM16	20.20	PASS
LTE Band4	10	20350	25	#0	QAM16	20.22	PASS
LTE Band4	10	20350	25	#Mid	QAM16	20.21	PASS
LTE Band4	10	20350	25	#Max	QAM16	20.08	PASS
LTE Band4	10	20350	50	#0	QAM16	20.19	PASS
LTE Band4	15	20025	1	#0	QPSK	22.44	PASS
LTE Band4	15	20025	1	#Mid	QPSK	22.16	PASS
LTE Band4	15	20025	1	#Max	QPSK	22.55	PASS
LTE Band4	15	20025	36	#0	QPSK	21.64	PASS
LTE Band4	15	20025	36	#Mid	QPSK	21.56	PASS
LTE Band4	15	20025	36	#Max	QPSK	21.69	PASS
LTE Band4	15	20025	75	#0	QPSK	21.66	PASS
LTE Band4	15	20025	1	#0	QAM16	21.76	PASS
LTE Band4	15	20025	1	#Mid	QAM16	21.65	PASS

LTE Band4	15	20025	1	#Max	QAM16	21.82	PASS
LTE Band4	15	20025	36	#0	QAM16	20.57	PASS
LTE Band4	15	20025	36	#Mid	QAM16	20.58	PASS
LTE Band4	15	20025	36	#Max	QAM16	20.57	PASS
LTE Band4	15	20025	75	#0	QAM16	20.56	PASS
LTE Band4	15	20175	1	#0	QPSK	22.65	PASS
LTE Band4	15	20175	1	#Mid	QPSK	22.63	PASS
LTE Band4	15	20175	1	#Max	QPSK	22.50	PASS
LTE Band4	15	20175	36	#0	QPSK	21.65	PASS
LTE Band4	15	20175	36	#Mid	QPSK	21.66	PASS
LTE Band4	15	20175	36	#Max	QPSK	21.61	PASS
LTE Band4	15	20175	75	#0	QPSK	21.65	PASS
LTE Band4	15	20175	1	#0	QAM16	21.66	PASS
LTE Band4	15	20175	1	#Mid	QAM16	21.63	PASS
LTE Band4	15	20175	1	#Max	QAM16	21.46	PASS
LTE Band4	15	20175	36	#0	QAM16	20.64	PASS
LTE Band4	15	20175	36	#Mid	QAM16	20.63	PASS
LTE Band4	15	20175	36	#Max	QAM16	20.57	PASS
LTE Band4	15	20175	75	#0	QAM16	20.54	PASS
LTE Band4	15	20325	1	#0	QPSK	22.48	PASS
LTE Band4	15	20325	1	#Mid	QPSK	21.96	PASS
LTE Band4	15	20325	1	#Max	QPSK	21.17	PASS
LTE Band4	15	20325	36	#0	QPSK	21.56	PASS
LTE Band4	15	20325	36	#Mid	QPSK	21.43	PASS
LTE Band4	15	20325	36	#Max	QPSK	20.95	PASS
LTE Band4	15	20325	75	#0	QPSK	21.47	PASS
LTE Band4	15	20325	1	#0	QAM16	21.46	PASS
LTE Band4	15	20325	1	#Mid	QAM16	21.27	PASS
LTE Band4	15	20325	1	#Max	QAM16	20.45	PASS
LTE Band4	15	20325	36	#0	QAM16	20.38	PASS
LTE Band4	15	20325	36	#Mid	QAM16	20.35	PASS
LTE Band4	15	20325	36	#Max	QAM16	20.04	PASS
LTE Band4	15	20325	75	#0	QAM16	20.40	PASS
LTE Band4	20	20050	1	#0	QPSK	22.47	PASS
LTE Band4	20	20050	1	#Mid	QPSK	22.25	PASS
LTE Band4	20	20050	1	#Max	QPSK	22.64	PASS
LTE Band4	20	20050	50	#0	QPSK	21.53	PASS
LTE Band4	20	20050	50	#Mid	QPSK	21.53	PASS
LTE Band4	20	20050	50	#Max	QPSK	21.56	PASS
LTE Band4	20	20050	100	#0	QPSK	21.54	PASS
LTE Band4	20	20050	1	#0	QAM16	21.72	PASS
LTE Band4	20	20050	1	#Mid	QAM16	21.61	PASS
LTE Band4	20	20050	1	#Max	QAM16	21.83	PASS
LTE Band4	20	20050	50	#0	QAM16	20.50	PASS

LTE Band4	20	20050	50	#Mid	QAM16	20.53	PASS
LTE Band4	20	20050	50	#Max	QAM16	20.57	PASS
LTE Band4	20	20050	100	#0	QAM16	20.47	PASS
LTE Band4	20	20175	1	#0	QPSK	22.72	PASS
LTE Band4	20	20175	1	#Mid	QPSK	22.63	PASS
LTE Band4	20	20175	1	#Max	QPSK	22.56	PASS
LTE Band4	20	20175	50	#0	QPSK	21.58	PASS
LTE Band4	20	20175	50	#Mid	QPSK	21.53	PASS
LTE Band4	20	20175	50	#Max	QPSK	21.46	PASS
LTE Band4	20	20175	100	#0	QPSK	21.50	PASS
LTE Band4	20	20175	1	#0	QAM16	21.73	PASS
LTE Band4	20	20175	1	#Mid	QAM16	21.68	PASS
LTE Band4	20	20175	1	#Max	QAM16	21.50	PASS
LTE Band4	20	20175	50	#0	QAM16	20.54	PASS
LTE Band4	20	20175	50	#Mid	QAM16	20.50	PASS
LTE Band4	20	20175	50	#Max	QAM16	20.42	PASS
LTE Band4	20	20175	100	#0	QAM16	20.46	PASS
LTE Band4	20	20300	1	#0	QPSK	22.68	PASS
LTE Band4	20	20300	1	#Mid	QPSK	22.32	PASS
LTE Band4	20	20300	1	#Max	QPSK	21.18	PASS
LTE Band4	20	20300	50	#0	QPSK	21.42	PASS
LTE Band4	20	20300	50	#Mid	QPSK	21.32	PASS
LTE Band4	20	20300	50	#Max	QPSK	21.10	PASS
LTE Band4	20	20300	100	#0	QPSK	21.37	PASS
LTE Band4	20	20300	1	#0	QAM16	21.65	PASS
LTE Band4	20	20300	1	#Mid	QAM16	21.48	PASS
LTE Band4	20	20300	1	#Max	QAM16	20.48	PASS
LTE Band4	20	20300	50	#0	QAM16	20.40	PASS
LTE Band4	20	20300	50	#Mid	QAM16	20.31	PASS
LTE Band4	20	20300	50	#Max	QAM16	20.24	PASS
LTE Band4	20	20300	100	#0	QAM16	20.30	PASS
LTE Band7	5	20775	1	#0	QPSK	21.87	PASS
LTE Band7	5	20775	1	#Mid	QPSK	21.76	PASS
LTE Band7	5	20775	1	#Max	QPSK	22.35	PASS
LTE Band7	5	20775	12	#0	QPSK	20.94	PASS
LTE Band7	5	20775	12	#Mid	QPSK	21.03	PASS
LTE Band7	5	20775	12	#Max	QPSK	21.28	PASS
LTE Band7	5	20775	25	#0	QPSK	21.08	PASS
LTE Band7	5	20775	1	#0	QAM16	21.13	PASS
LTE Band7	5	20775	1	#Mid	QAM16	21.09	PASS
LTE Band7	5	20775	1	#Max	QAM16	21.69	PASS
LTE Band7	5	20775	12	#0	QAM16	20.07	PASS
LTE Band7	5	20775	12	#Mid	QAM16	20.15	PASS
LTE Band7	5	20775	12	#Max	QAM16	20.43	PASS

LTE Band7	5	20775	25	#0	QAM16	20.28	PASS
LTE Band7	5	21100	1	#0	QPSK	22.95	PASS
LTE Band7	5	21100	1	#Mid	QPSK	22.56	PASS
LTE Band7	5	21100	1	#Max	QPSK	22.84	PASS
LTE Band7	5	21100	12	#0	QPSK	21.95	PASS
LTE Band7	5	21100	12	#Mid	QPSK	21.86	PASS
LTE Band7	5	21100	12	#Max	QPSK	21.97	PASS
LTE Band7	5	21100	25	#0	QPSK	21.93	PASS
LTE Band7	5	21100	1	#0	QAM16	22.13	PASS
LTE Band7	5	21100	1	#Mid	QAM16	21.84	PASS
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LTE Band7	5	21100	12	#0	QAM16	21.02	PASS
LTE Band7	5	21100	12	#Mid	QAM16	21.02	PASS
LTE Band7	5	21100	12	#Max	QAM16	21.03	PASS
LTE Band7	5	21100	25	#0	QAM16	20.92	PASS
LTE Band7	5	21425	1	#0	QPSK	21.80	PASS
LTE Band7	5	21425	1	#Mid	QPSK	21.15	PASS
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LTE Band7	5	21425	12	#Mid	QPSK	20.38	PASS
LTE Band7	5	21425	12	#Max	QPSK	20.31	PASS
LTE Band7	5	21425	25	#0	QPSK	20.44	PASS
LTE Band7	5	21425	1	#0	QAM16	21.23	PASS
LTE Band7	5	21425	1	#Mid	QAM16	21.72	PASS
LTE Band7	5	21425	1	#Max	QAM16	21.75	PASS
LTE Band7	5	21425	12	#0	QAM16	20.77	PASS
LTE Band7	5	21425	12	#Mid	QAM16	20.58	PASS
LTE Band7	5	21425	12	#Max	QAM16	20.54	PASS
LTE Band7	5	21425	25	#0	QAM16	19.60	PASS
LTE Band7	10	20800	1	#0	QPSK	21.43	PASS
LTE Band7	10	20800	1	#Mid	QPSK	21.90	PASS
LTE Band7	10	20800	1	#Max	QPSK	22.40	PASS
LTE Band7	10	20800	25	#0	QPSK	21.00	PASS
LTE Band7	10	20800	25	#Mid	QPSK	21.26	PASS
LTE Band7	10	20800	25	#Max	QPSK	21.54	PASS
LTE Band7	10	20800	50	#0	QPSK	21.29	PASS
LTE Band7	10	20800	1	#0	QAM16	20.82	PASS
LTE Band7	10	20800	1	#Mid	QAM16	21.34	PASS
LTE Band7	10	20800	1	#Max	QAM16	21.76	PASS
LTE Band7	10	20800	25	#0	QAM16	20.19	PASS
LTE Band7	10	20800	25	#Mid	QAM16	20.46	PASS
LTE Band7	10	20800	25	#Max	QAM16	20.48	PASS
LTE Band7	10	20800	50	#0	QAM16	20.47	PASS
LTE Band7	10	21100	1	#0	QPSK	22.65	PASS

LTE Band7	10	21100	1	#Mid	QPSK	22.48	PASS
LTE Band7	10	21100	1	#Max	QPSK	22.35	PASS
LTE Band7	10	21100	25	#0	QPSK	21.88	PASS
LTE Band7	10	21100	25	#Mid	QPSK	21.82	PASS
LTE Band7	10	21100	25	#Max	QPSK	21.84	PASS
LTE Band7	10	21100	50	#0	QPSK	21.86	PASS
LTE Band7	10	21100	1	#0	QAM16	21.84	PASS
LTE Band7	10	21100	1	#Mid	QAM16	21.67	PASS
LTE Band7	10	21100	1	#Max	QAM16	21.62	PASS
LTE Band7	10	21100	25	#0	QAM16	20.85	PASS
LTE Band7	10	21100	25	#Mid	QAM16	20.93	PASS
LTE Band7	10	21100	25	#Max	QAM16	20.92	PASS
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LTE Band7	10	21400	1	#Mid	QPSK	21.37	PASS
LTE Band7	10	21400	1	#Max	QPSK	21.75	PASS
LTE Band7	10	21400	25	#0	QPSK	20.82	PASS
LTE Band7	10	21400	25	#Mid	QPSK	20.61	PASS
LTE Band7	10	21400	25	#Max	QPSK	20.37	PASS
LTE Band7	10	21400	50	#0	QPSK	20.61	PASS
LTE Band7	10	21400	1	#0	QAM16	20.72	PASS
LTE Band7	10	21400	1	#Mid	QAM16	20.33	PASS
LTE Band7	10	21400	1	#Max	QAM16	20.73	PASS
LTE Band7	10	21400	25	#0	QAM16	20.03	PASS
LTE Band7	10	21400	25	#Mid	QAM16	19.83	PASS
LTE Band7	10	21400	25	#Max	QAM16	19.58	PASS
LTE Band7	10	21400	50	#0	QAM16	19.81	PASS
LTE Band7	15	20825	1	#0	QPSK	21.59	PASS
LTE Band7	15	20825	1	#Mid	QPSK	22.11	PASS
LTE Band7	15	20825	1	#Max	QPSK	22.63	PASS
LTE Band7	15	20825	36	#0	QPSK	21.13	PASS
LTE Band7	15	20825	36	#Mid	QPSK	21.49	PASS
LTE Band7	15	20825	36	#Max	QPSK	21.71	PASS
LTE Band7	15	20825	75	#0	QPSK	21.59	PASS
LTE Band7	15	20825	1	#0	QAM16	20.98	PASS
LTE Band7	15	20825	1	#Mid	QAM16	21.56	PASS
LTE Band7	15	20825	1	#Max	QAM16	21.77	PASS
LTE Band7	15	20825	36	#0	QAM16	20.33	PASS
LTE Band7	15	20825	36	#Mid	QAM16	20.60	PASS
LTE Band7	15	20825	36	#Max	QAM16	20.60	PASS
LTE Band7	15	20825	75	#0	QAM16	20.58	PASS
LTE Band7	15	21100	1	#0	QPSK	22.80	PASS
LTE Band7	15	21100	1	#Mid	QPSK	22.46	PASS
LTE Band7	15	21100	1	#Max	QPSK	22.49	PASS

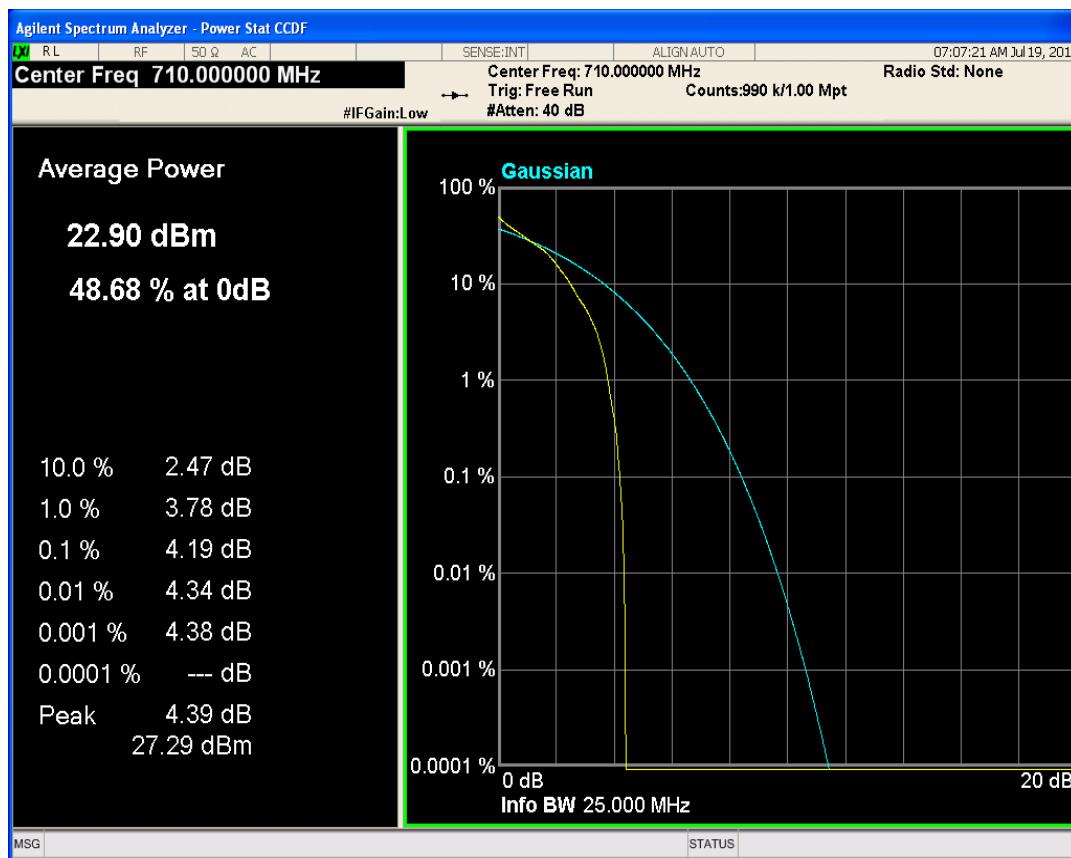
LTE Band7	15	21100	36	#0	QPSK	21.89	PASS
LTE Band7	15	21100	36	#Mid	QPSK	21.78	PASS
LTE Band7	15	21100	36	#Max	QPSK	21.75	PASS
LTE Band7	15	21100	75	#0	QPSK	21.85	PASS
LTE Band7	15	21100	1	#0	QAM16	21.77	PASS
LTE Band7	15	21100	1	#Mid	QAM16	21.64	PASS
LTE Band7	15	21100	1	#Max	QAM16	21.76	PASS
LTE Band7	15	21100	36	#0	QAM16	20.98	PASS
LTE Band7	15	21100	36	#Mid	QAM16	20.99	PASS
LTE Band7	15	21100	36	#Max	QAM16	21.02	PASS
LTE Band7	15	21100	75	#0	QAM16	20.99	PASS
LTE Band7	15	21375	1	#0	QPSK	22.29	PASS
LTE Band7	15	21375	1	#Mid	QPSK	21.52	PASS
LTE Band7	15	21375	1	#Max	QPSK	21.93	PASS
LTE Band7	15	21375	36	#0	QPSK	21.24	PASS
LTE Band7	15	21375	36	#Mid	QPSK	20.84	PASS
LTE Band7	15	21375	36	#Max	QPSK	20.56	PASS
LTE Band7	15	21375	75	#0	QPSK	20.87	PASS
LTE Band7	15	21375	1	#0	QAM16	21.54	PASS
LTE Band7	15	21375	1	#Mid	QAM16	20.83	PASS
LTE Band7	15	21375	1	#Max	QAM16	20.26	PASS
LTE Band7	15	21375	36	#0	QAM16	20.35	PASS
LTE Band7	15	21375	36	#Mid	QAM16	20.01	PASS
LTE Band7	15	21375	36	#Max	QAM16	20.74	PASS
LTE Band7	15	21375	75	#0	QAM16	20.11	PASS
LTE Band7	20	20850	1	#0	QPSK	21.78	PASS
LTE Band7	20	20850	1	#Mid	QPSK	22.45	PASS
LTE Band7	20	20850	1	#Max	QPSK	22.74	PASS
LTE Band7	20	20850	50	#0	QPSK	21.32	PASS
LTE Band7	20	20850	50	#Mid	QPSK	21.53	PASS
LTE Band7	20	20850	50	#Max	QPSK	21.53	PASS
LTE Band7	20	20850	100	#0	QPSK	21.55	PASS
LTE Band7	20	20850	1	#0	QAM16	21.05	PASS
LTE Band7	20	20850	1	#Mid	QAM16	21.73	PASS
LTE Band7	20	20850	1	#Max	QAM16	21.79	PASS
LTE Band7	20	20850	50	#0	QAM16	20.54	PASS
LTE Band7	20	20850	50	#Mid	QAM16	20.49	PASS
LTE Band7	20	20850	50	#Max	QAM16	20.49	PASS
LTE Band7	20	20850	100	#0	QAM16	20.48	PASS
LTE Band7	20	21100	1	#0	QPSK	22.79	PASS
LTE Band7	20	21100	1	#Mid	QPSK	22.42	PASS
LTE Band7	20	21100	1	#Max	QPSK	22.59	PASS
LTE Band7	20	21100	50	#0	QPSK	21.83	PASS
LTE Band7	20	21100	50	#Mid	QPSK	21.78	PASS

LTE Band7	20	21100	50	#Max	QPSK	21.80	PASS
LTE Band7	20	21100	100	#0	QPSK	21.87	PASS
LTE Band7	20	21100	1	#0	QAM16	21.76	PASS
LTE Band7	20	21100	1	#Mid	QAM16	21.63	PASS
LTE Band7	20	21100	1	#Max	QAM16	21.85	PASS
LTE Band7	20	21100	50	#0	QAM16	20.76	PASS
LTE Band7	20	21100	50	#Mid	QAM16	20.89	PASS
LTE Band7	20	21100	50	#Max	QAM16	20.85	PASS
LTE Band7	20	21100	100	#0	QAM16	20.82	PASS
LTE Band7	20	21350	1	#0	QPSK	22.59	PASS
LTE Band7	20	21350	1	#Mid	QPSK	21.79	PASS
LTE Band7	20	21350	1	#Max	QPSK	21.16	PASS
LTE Band7	20	21350	50	#0	QPSK	21.46	PASS
LTE Band7	20	21350	50	#Mid	QPSK	21.04	PASS
LTE Band7	20	21350	50	#Max	QPSK	20.70	PASS
LTE Band7	20	21350	100	#0	QPSK	21.12	PASS
LTE Band7	20	21350	1	#0	QAM16	21.77	PASS
LTE Band7	20	21350	1	#Mid	QAM16	21.05	PASS
LTE Band7	20	21350	1	#Max	QAM16	20.44	PASS
LTE Band7	20	21350	50	#0	QAM16	20.62	PASS
LTE Band7	20	21350	50	#Mid	QAM16	20.29	PASS
LTE Band7	20	21350	50	#Max	QAM16	19.94	PASS
LTE Band7	20	21350	100	#0	QAM16	20.29	PASS

**2 Peak-to-Average Ratio**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
LTE Band17	5	23790	1	#0	QPSK	4.19	13	PASS
LTE Band17	5	23790	1	#0	QAM16	5.02	13	PASS
LTE Band17	10	23790	1	#0	QPSK	3.53	13	PASS
LTE Band17	10	23790	1	#0	QAM16	4.38	13	PASS
LTE Band4	1.4	20175	1	#0	QPSK	3.51	13	PASS
LTE Band4	1.4	20175	1	#0	QAM16	4.46	13	PASS
LTE Band4	3	20175	1	#0	QPSK	3.53	13	PASS
LTE Band4	3	20175	1	#0	QAM16	4.41	13	PASS
LTE Band4	5	20175	1	#0	QPSK	3.66	13	PASS
LTE Band4	5	20175	1	#0	QAM16	4.39	13	PASS
LTE Band4	10	20175	1	#0	QPSK	3.51	13	PASS
LTE Band4	10	20175	1	#0	QAM16	4.46	13	PASS
LTE Band4	15	20175	1	#0	QPSK	3.41	13	PASS
LTE Band4	15	20175	1	#0	QAM16	4.30	13	PASS
LTE Band4	20	20175	1	#0	QPSK	3.24	13	PASS
LTE Band4	20	20175	1	#0	QAM16	4.00	13	PASS
LTE Band7	5	21100	1	#0	QPSK	2.64	13	PASS
LTE Band7	5	21100	1	#0	QAM16	3.44	13	PASS
LTE Band7	10	21100	1	#0	QPSK	2.82	13	PASS
LTE Band7	10	21100	1	#0	QAM16	3.60	13	PASS
LTE Band7	15	21100	1	#0	QPSK	2.65	13	PASS
LTE Band7	15	21100	1	#0	QAM16	3.62	13	PASS
LTE Band7	20	21100	1	#0	QPSK	2.54	13	PASS
LTE Band7	20	21100	1	#0	QAM16	3.42	13	PASS

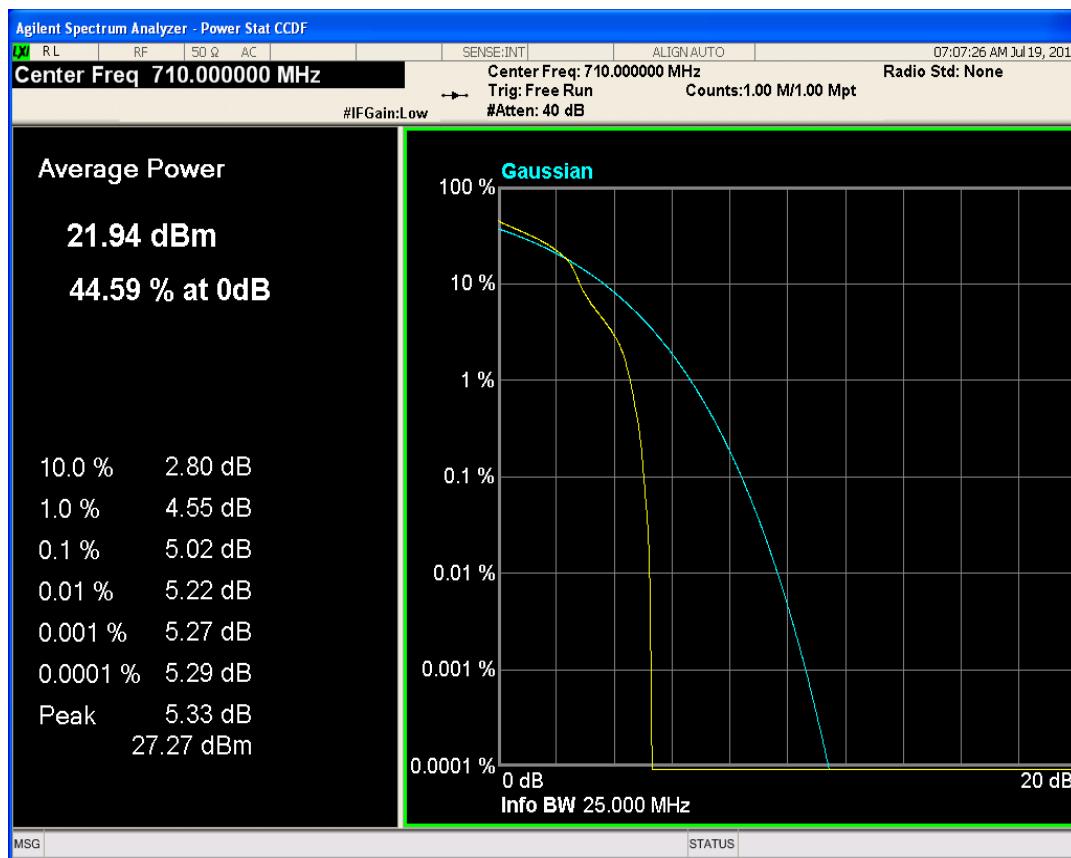
LTE Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



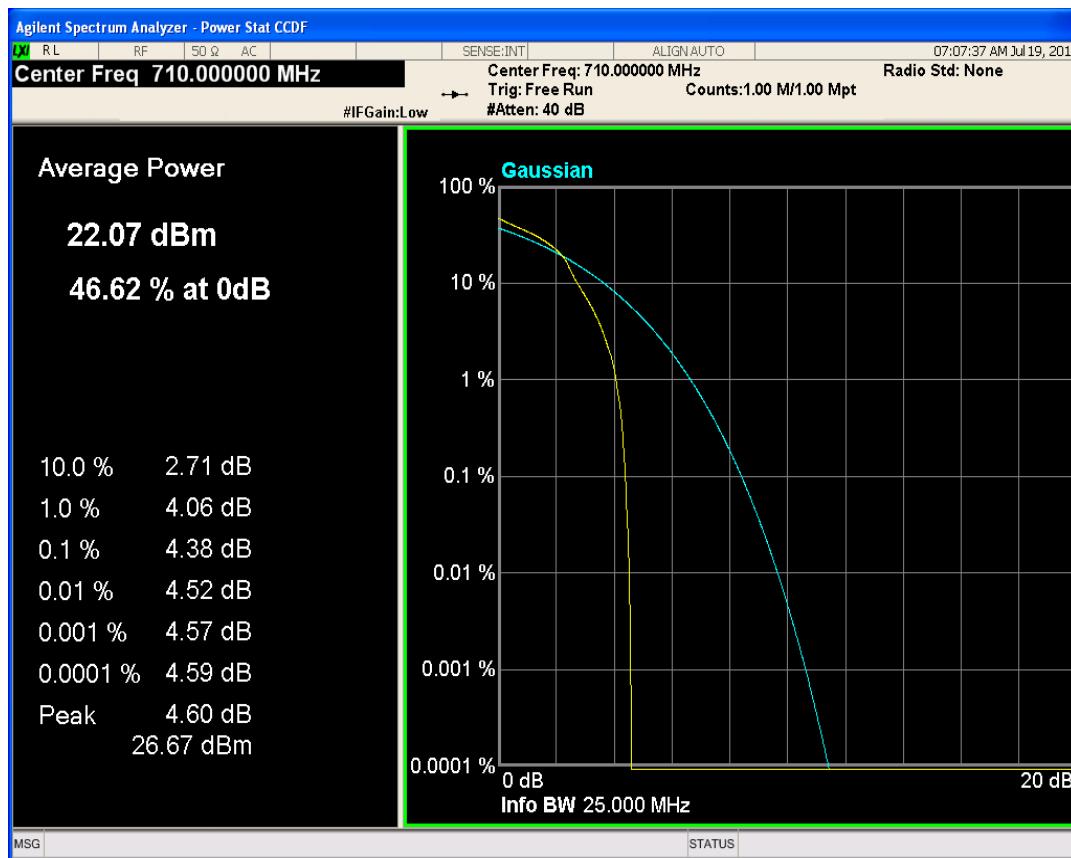
LTE Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



LTE Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



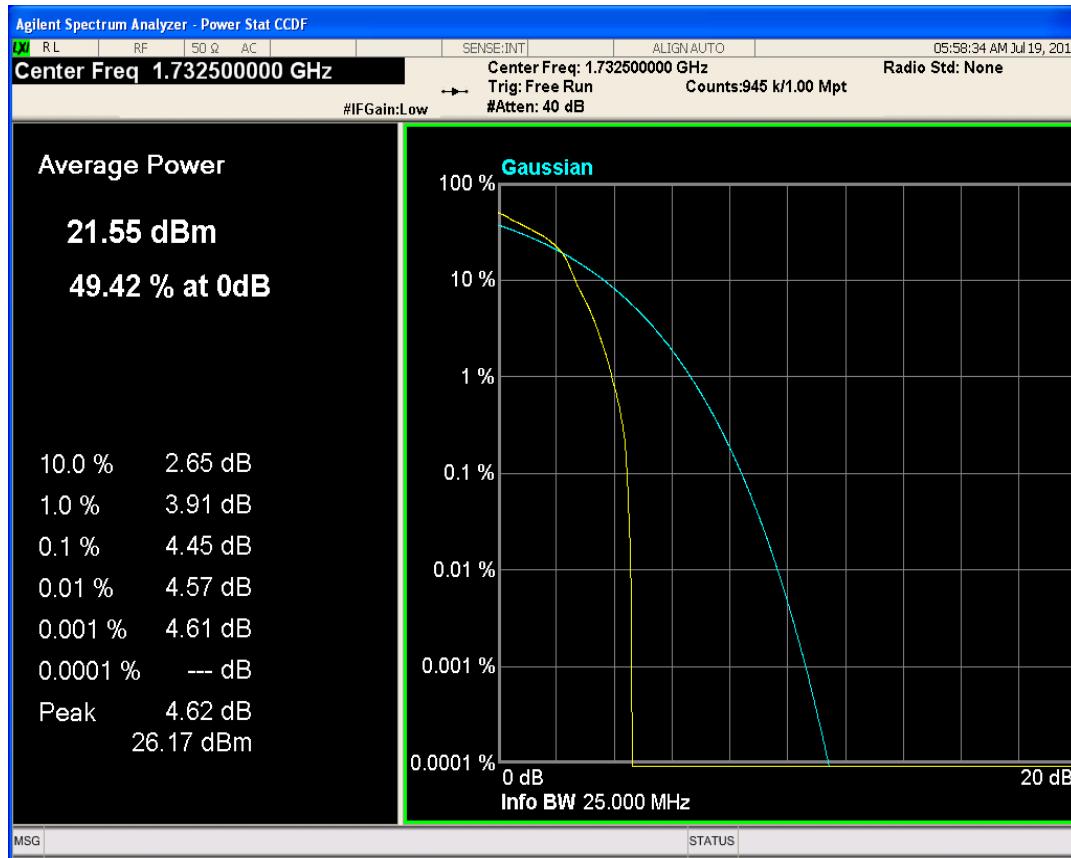
LTE Band17 QAM16 BW=10MHz Channel=23790 RB Size=1 Position=#0



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



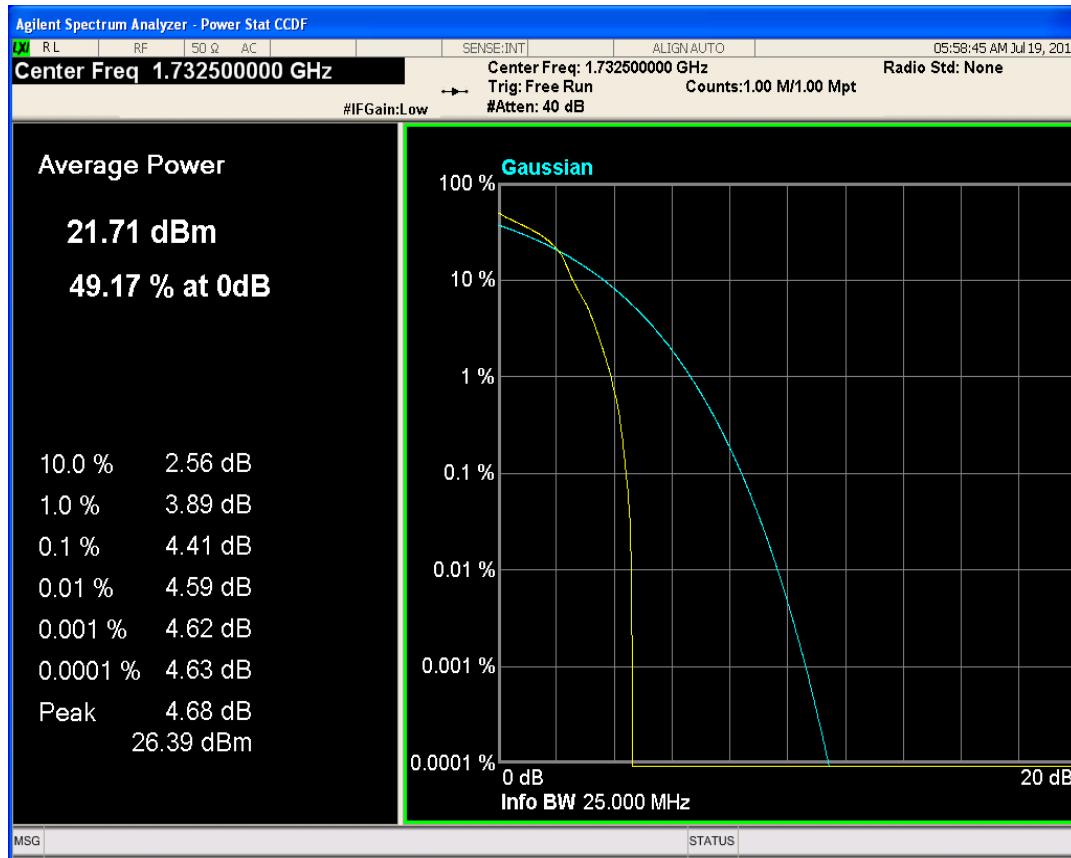
LTE Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



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



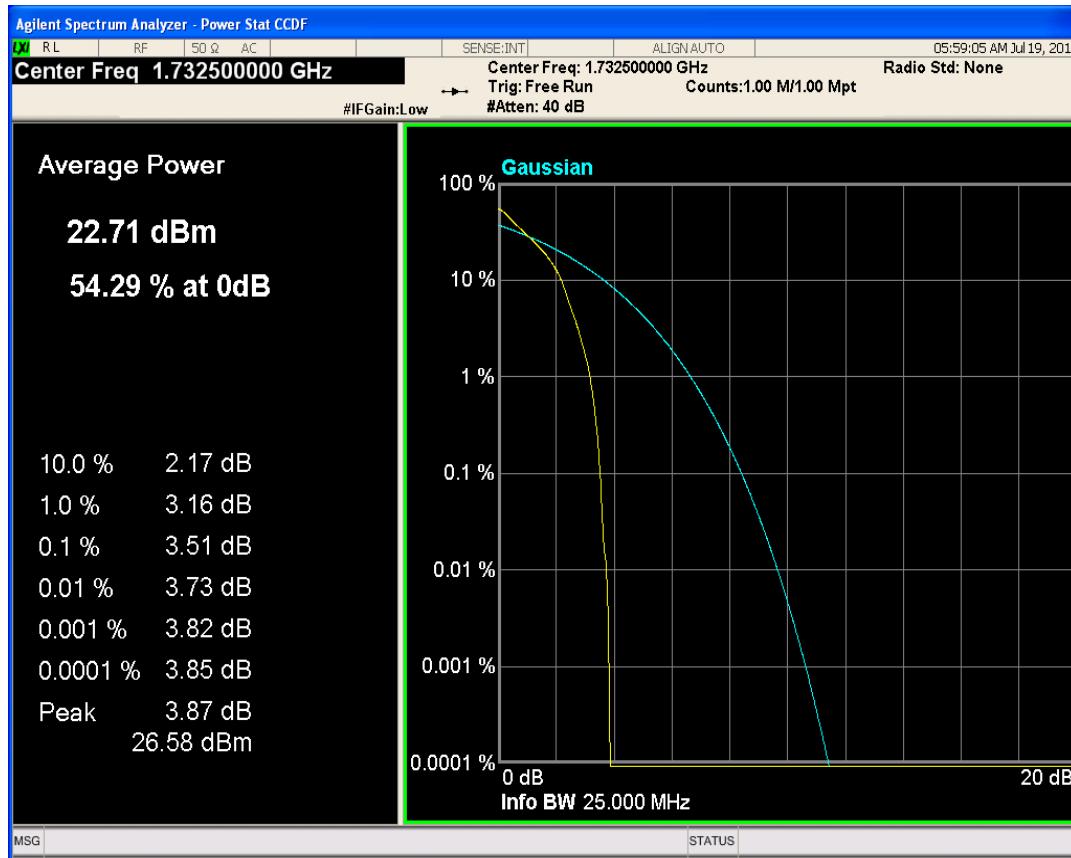
LTE Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



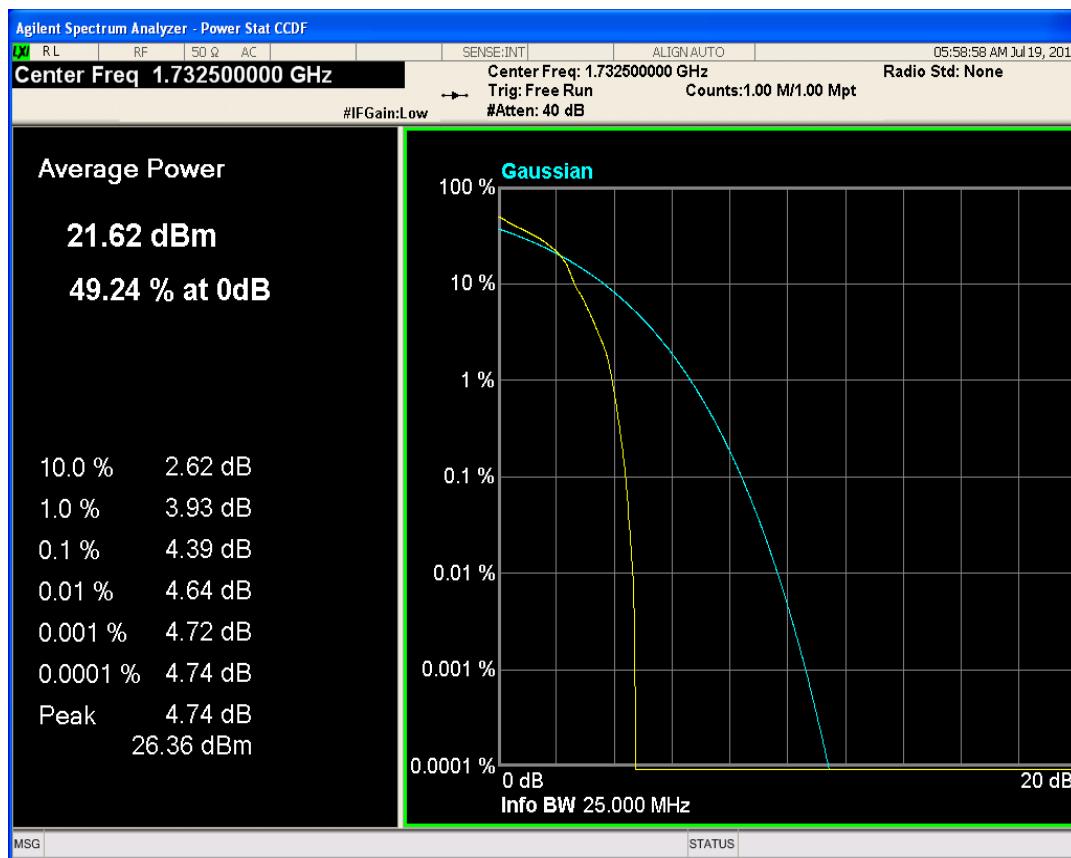
LTE Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



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



LTE Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



LTE Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



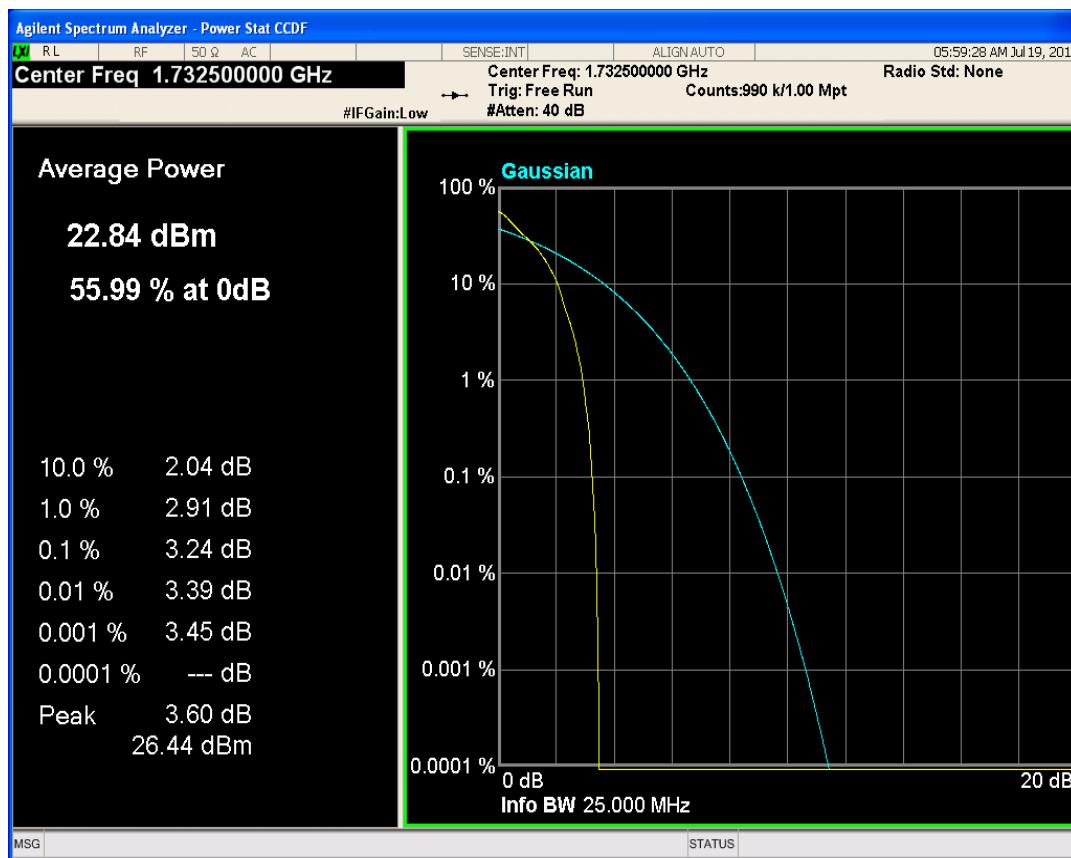
LTE Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



LTE Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



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



LTE Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



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



LTE Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



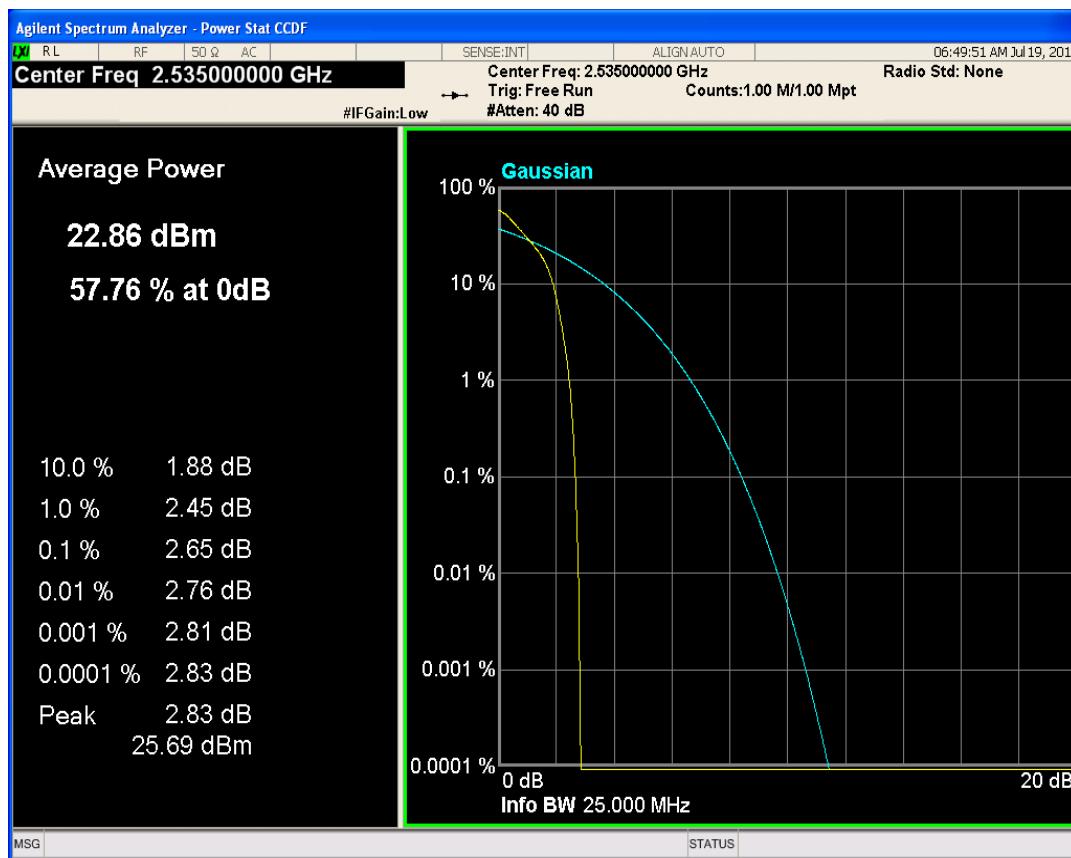
LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



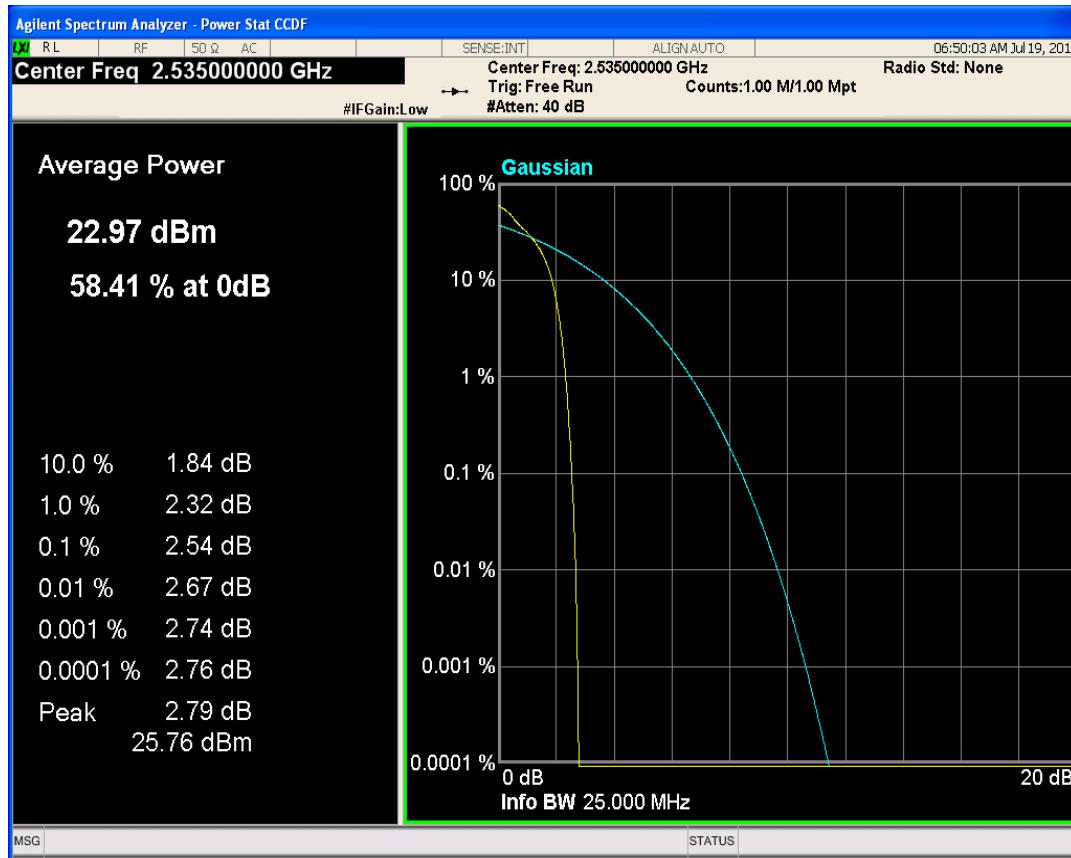
LTE Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



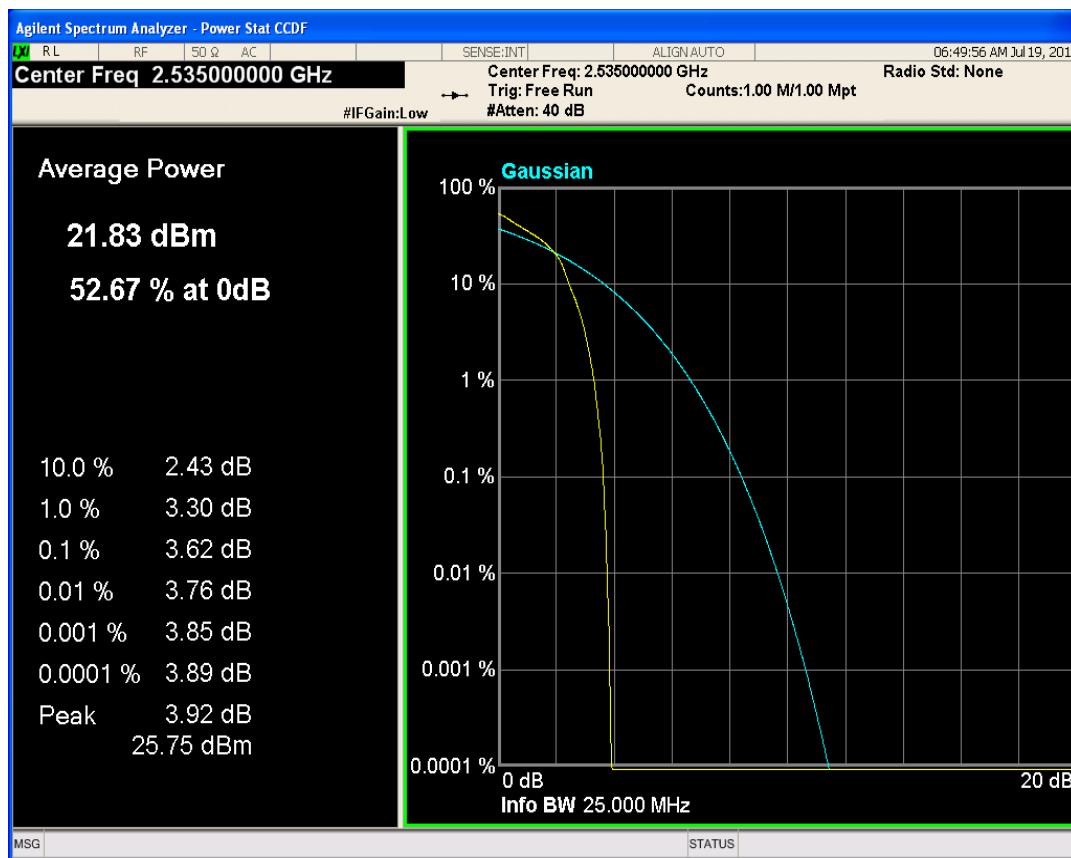
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



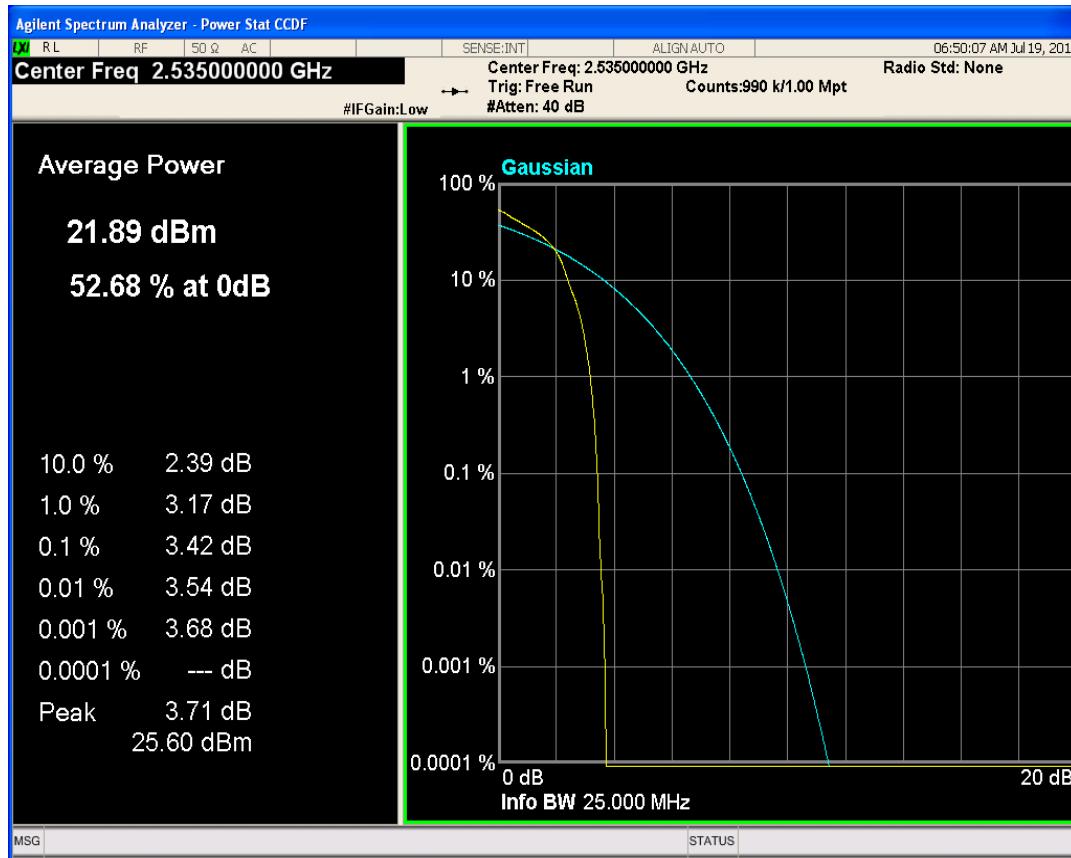
LTE Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



LTE Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



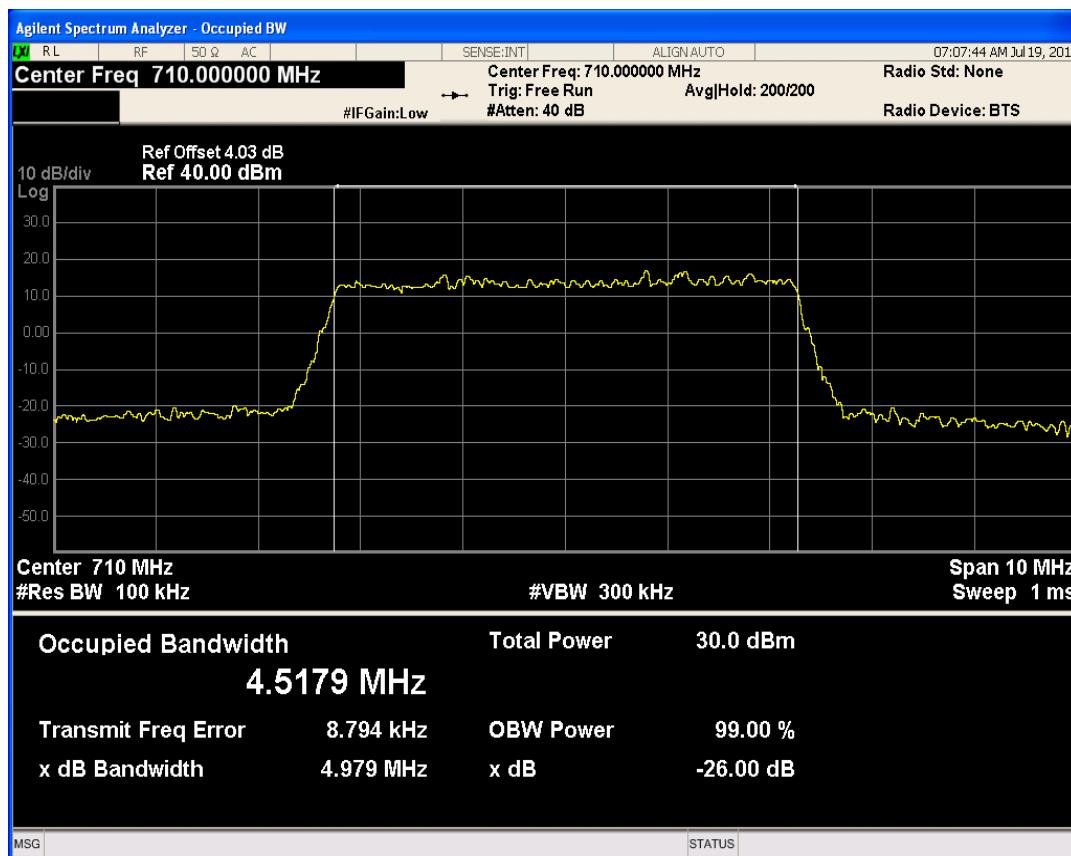
LTE Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



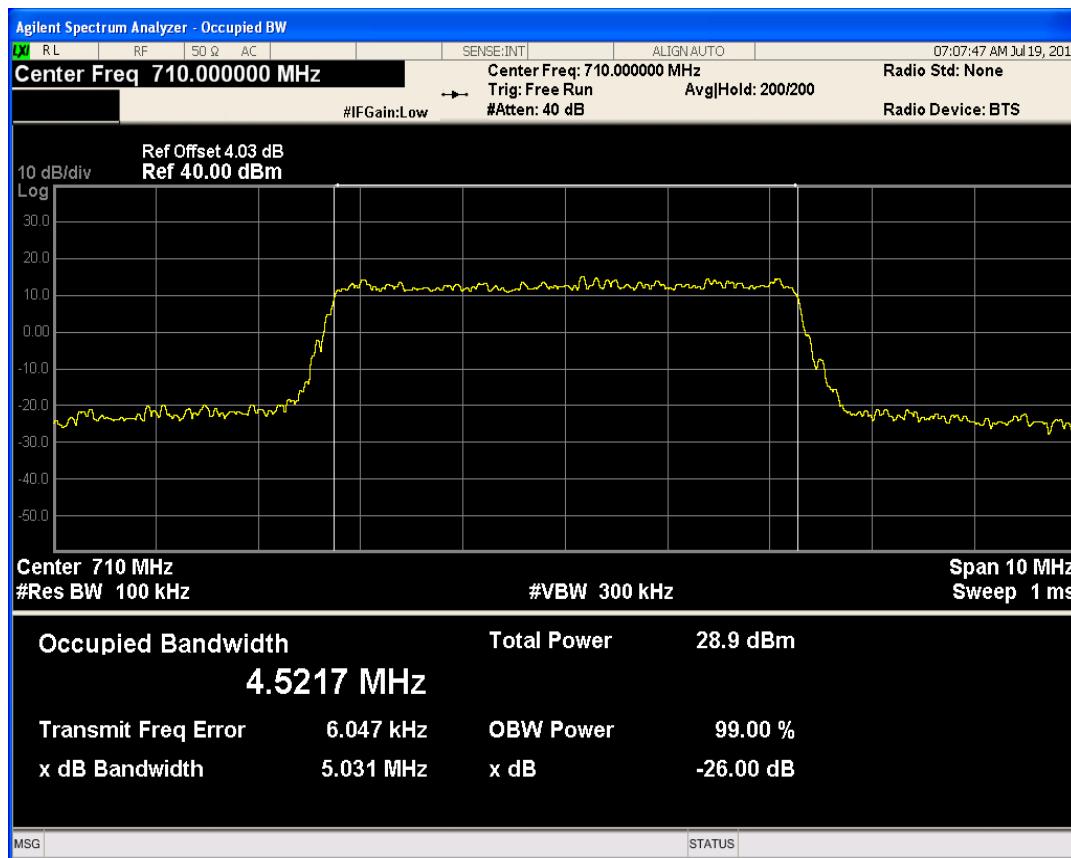
**3 Occupied bandwidth**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
LTE Band17	5	23790	25	#0	QPSK	4.518	4.979	PASS
LTE Band17	5	23790	25	#0	QAM16	4.522	5.031	PASS
LTE Band17	10	23790	50	#0	QPSK	9.019	10.021	PASS
LTE Band17	10	23790	50	#0	QAM16	9.014	9.859	PASS
LTE Band4	1.4	20175	6	#0	QPSK	1.095	1.284	PASS
LTE Band4	1.4	20175	6	#0	QAM16	1.102	1.277	PASS
LTE Band4	3	20175	15	#0	QPSK	2.698	2.955	PASS
LTE Band4	3	20175	15	#0	QAM16	2.702	2.978	PASS
LTE Band4	5	20175	25	#0	QPSK	4.530	5.070	PASS
LTE Band4	5	20175	25	#0	QAM16	4.510	4.984	PASS
LTE Band4	10	20175	50	#0	QPSK	8.984	9.901	PASS
LTE Band4	10	20175	50	#0	QAM16	8.986	9.858	PASS
LTE Band4	15	20175	75	#0	QPSK	13.495	14.852	PASS
LTE Band4	15	20175	75	#0	QAM16	13.497	14.858	PASS
LTE Band4	20	20175	100	#0	QPSK	17.983	19.564	PASS
LTE Band4	20	20175	100	#0	QAM16	17.957	19.578	PASS
LTE Band7	5	21100	25	#0	QPSK	4.547	5.057	PASS
LTE Band7	5	21100	25	#0	QAM16	4.554	5.195	PASS
LTE Band7	10	21100	50	#0	QPSK	9.015	10.063	PASS
LTE Band7	10	21100	50	#0	QAM16	9.031	9.976	PASS
LTE Band7	15	21100	75	#0	QPSK	13.571	15.524	PASS
LTE Band7	15	21100	75	#0	QAM16	13.519	14.890	PASS
LTE Band7	20	21100	100	#0	QPSK	18.040	20.675	PASS
LTE Band7	20	21100	100	#0	QAM16	18.042	19.406	PASS

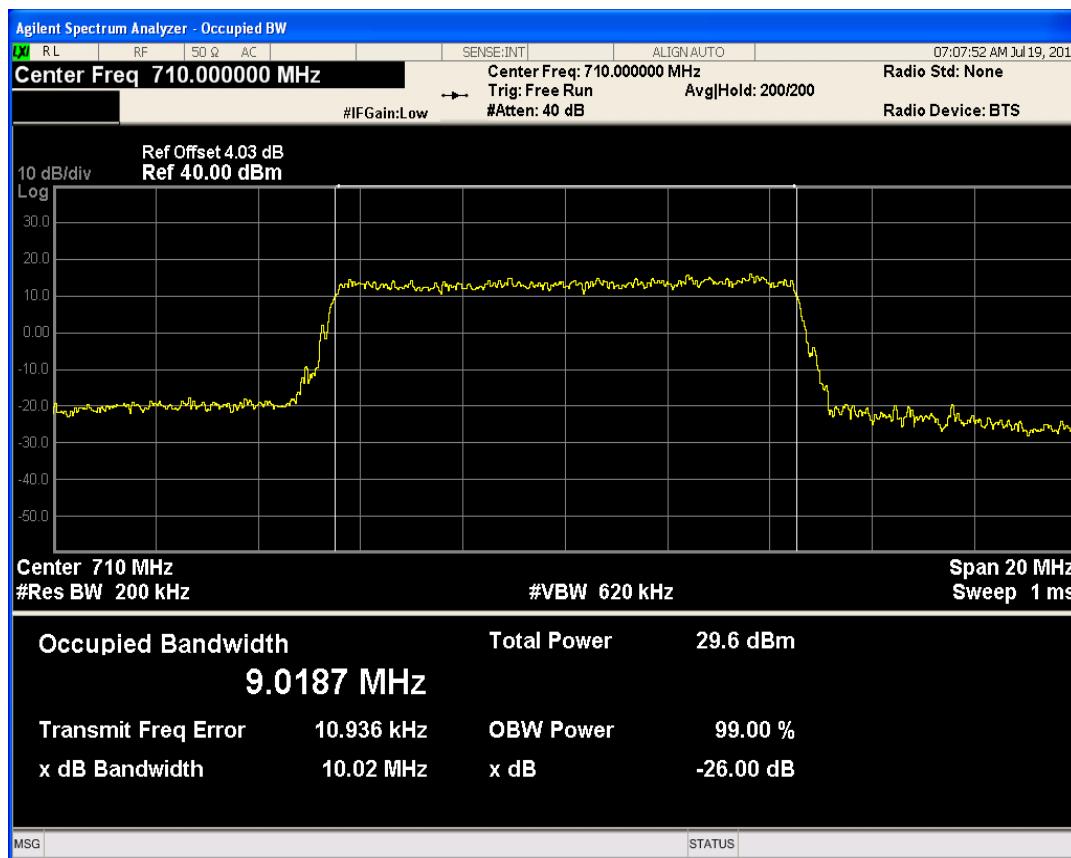
LTE Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



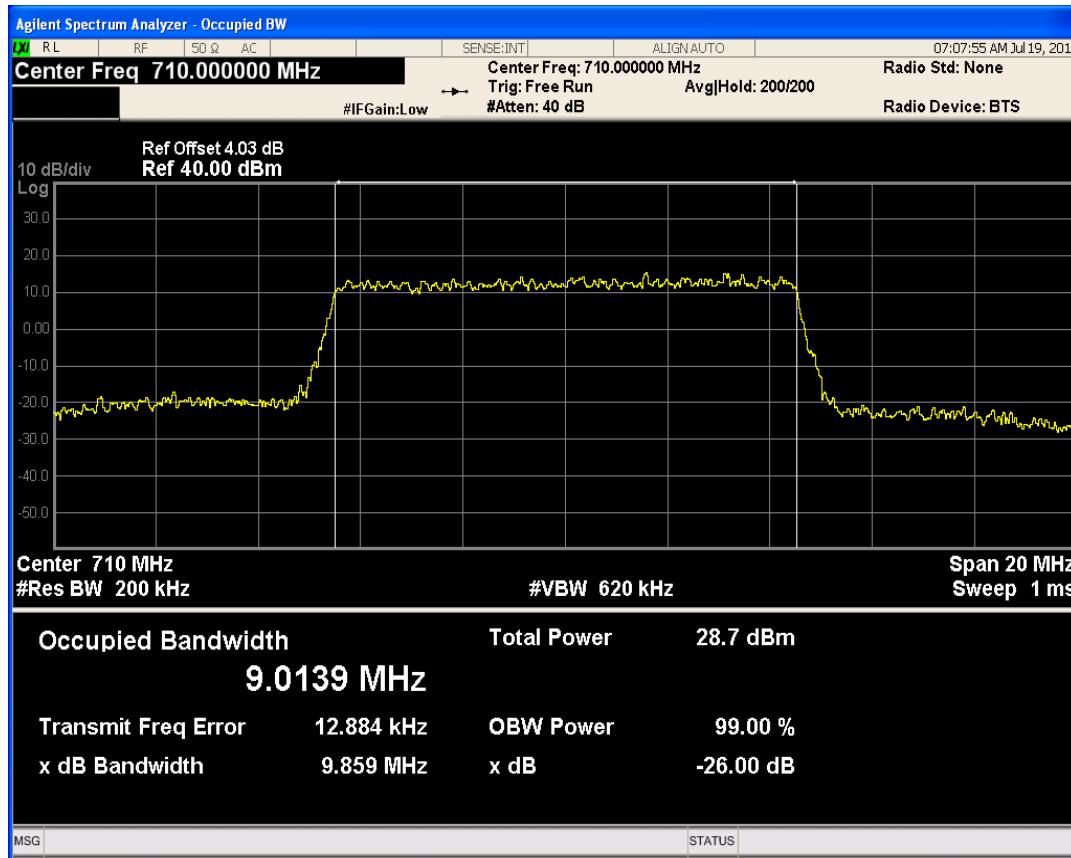
LTE Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0



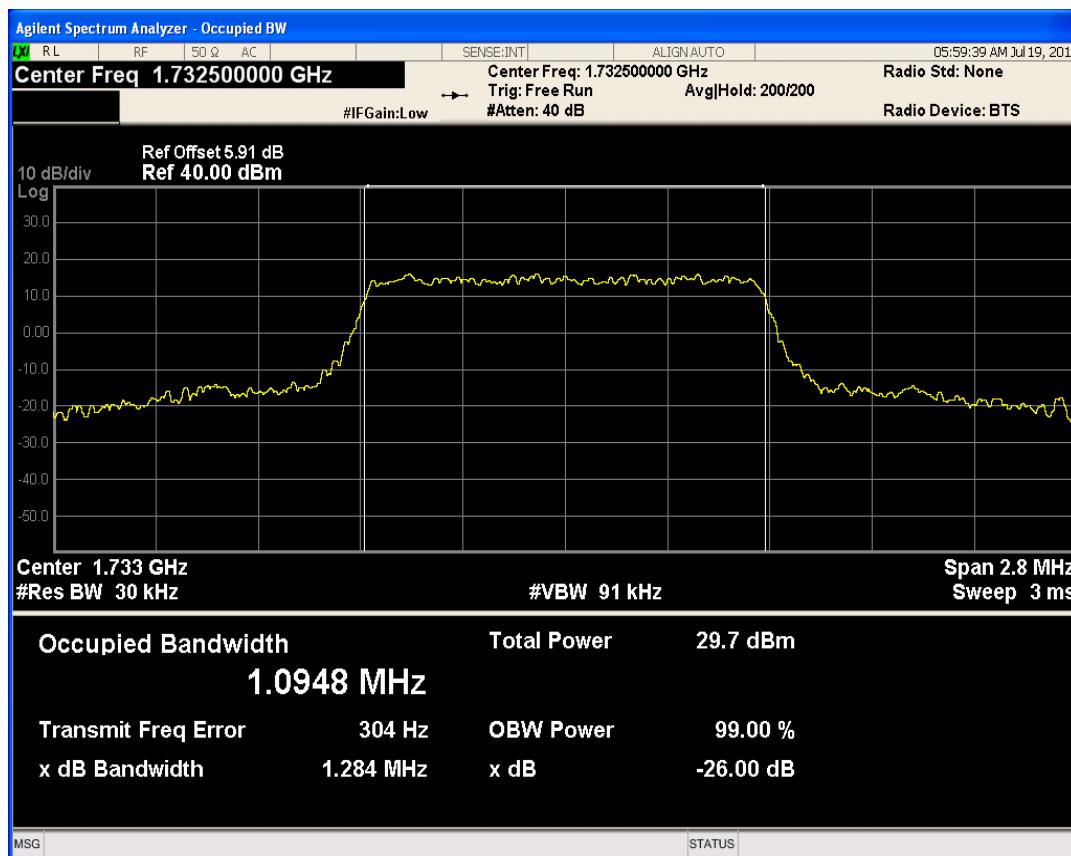
LTE Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



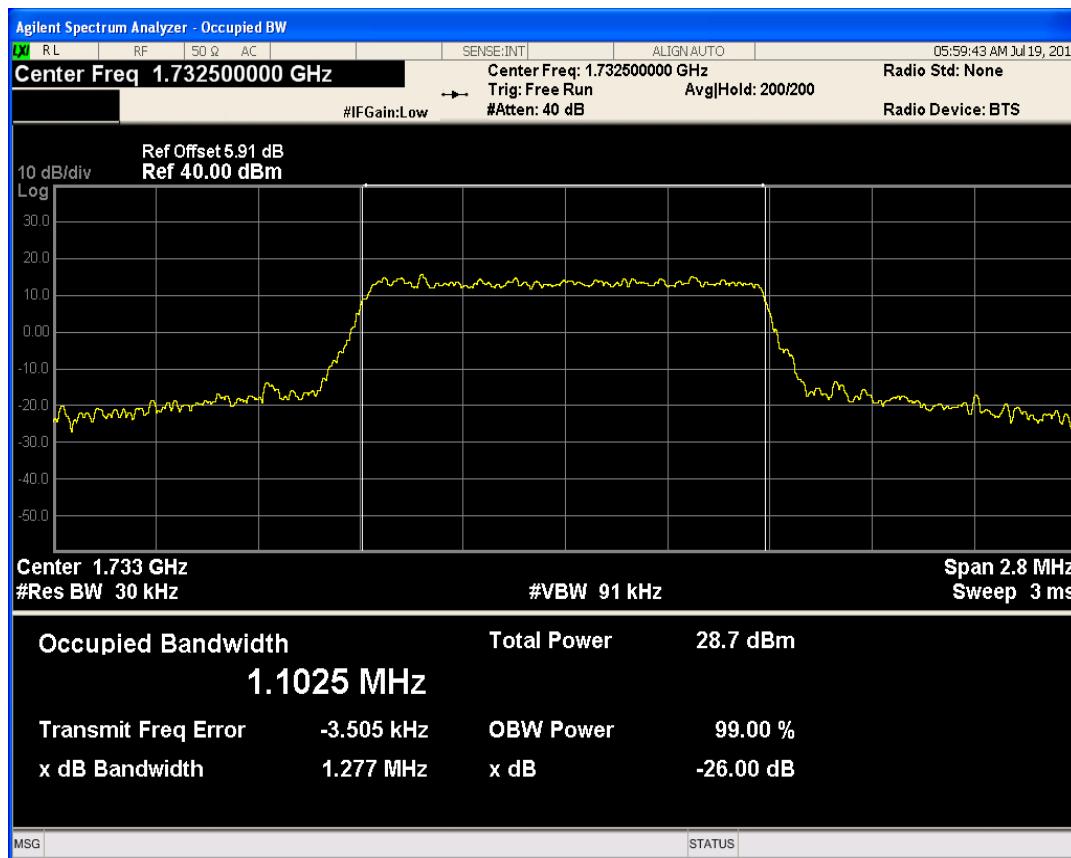
LTE Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0



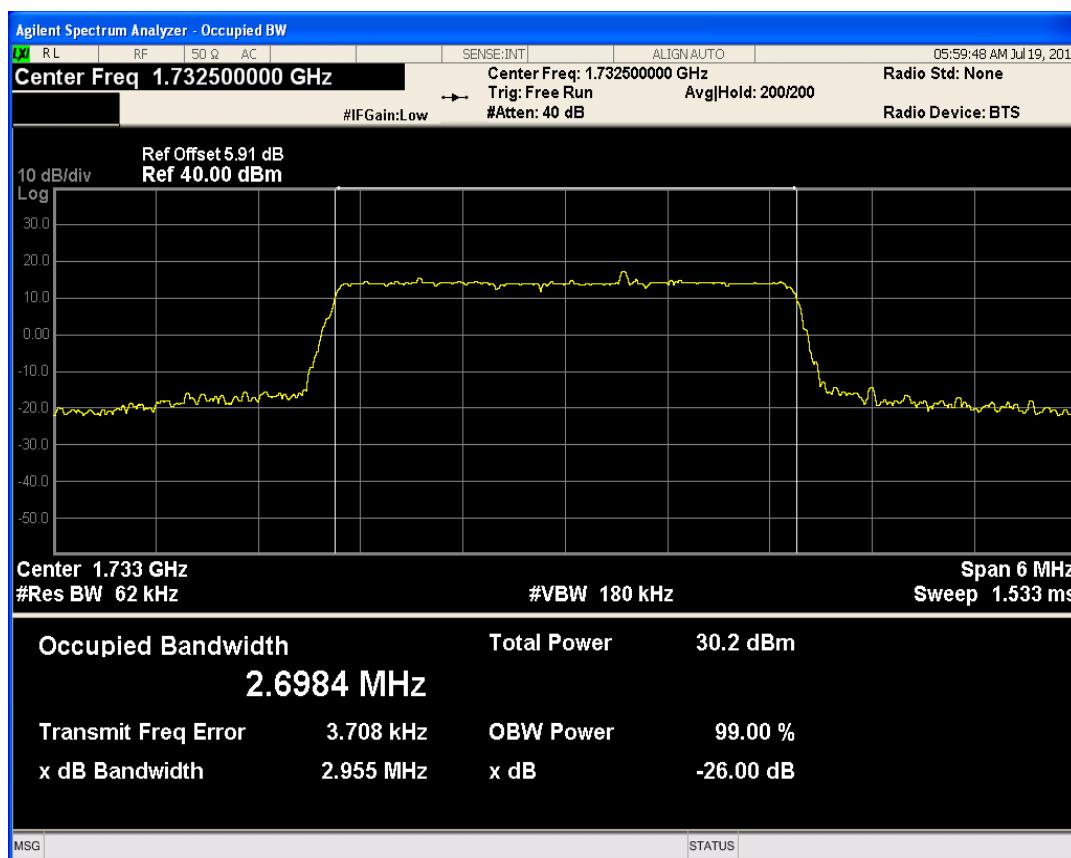
LTE Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



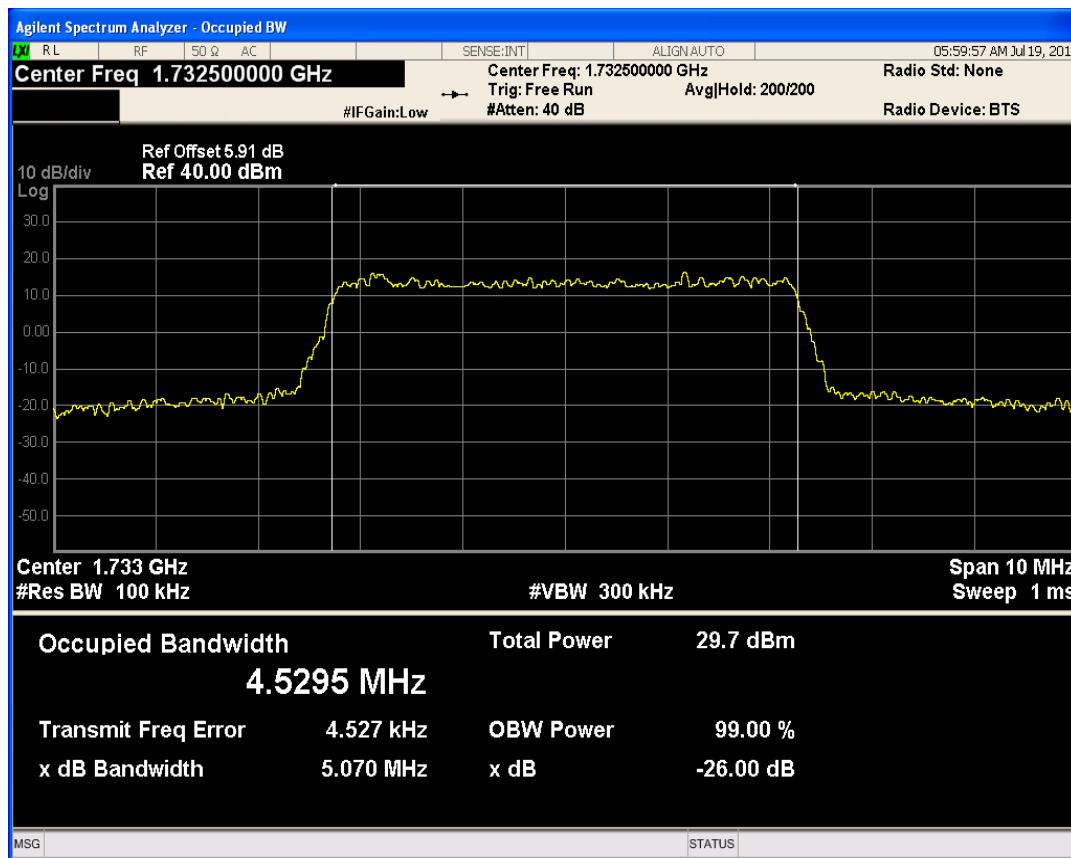
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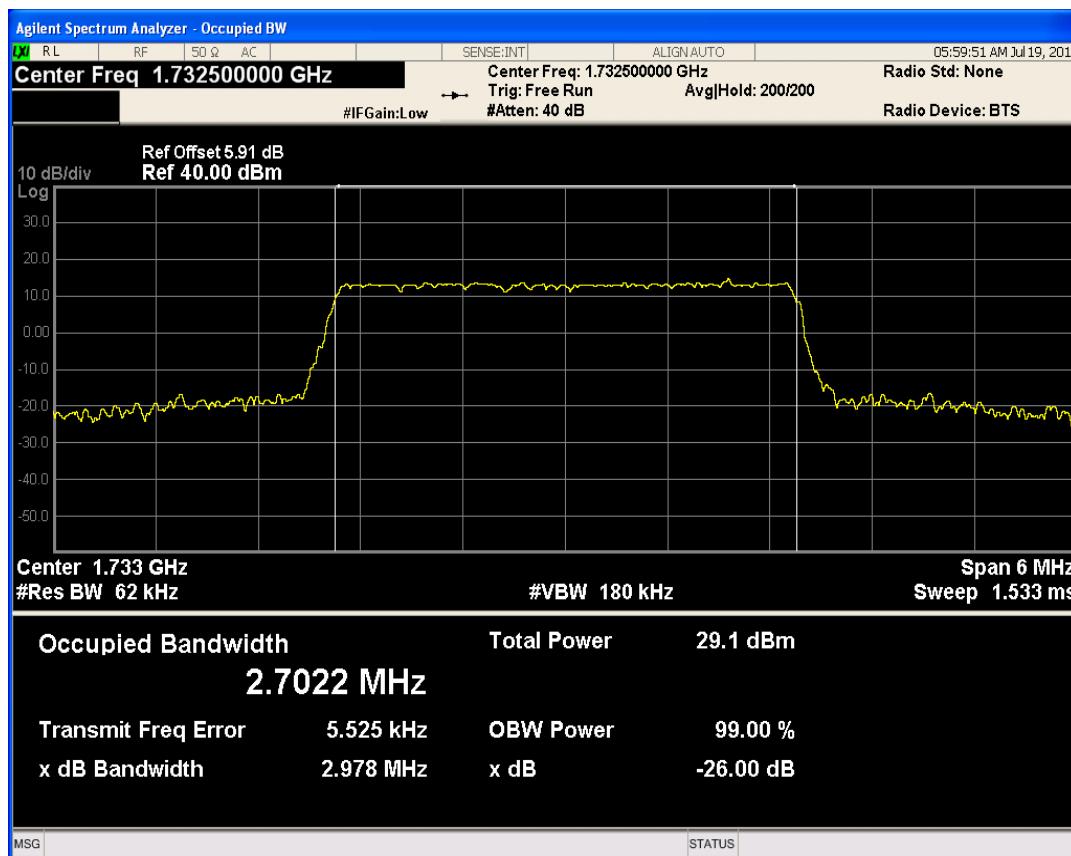
LTE Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



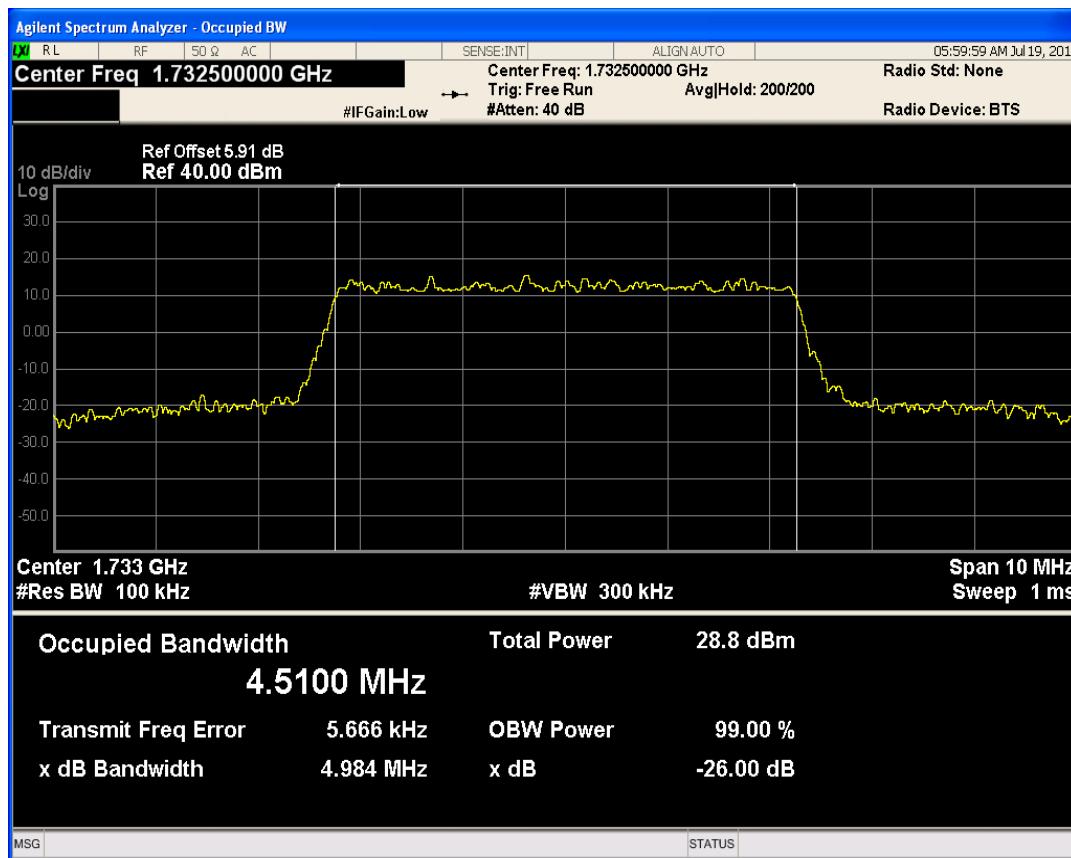
LTE Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



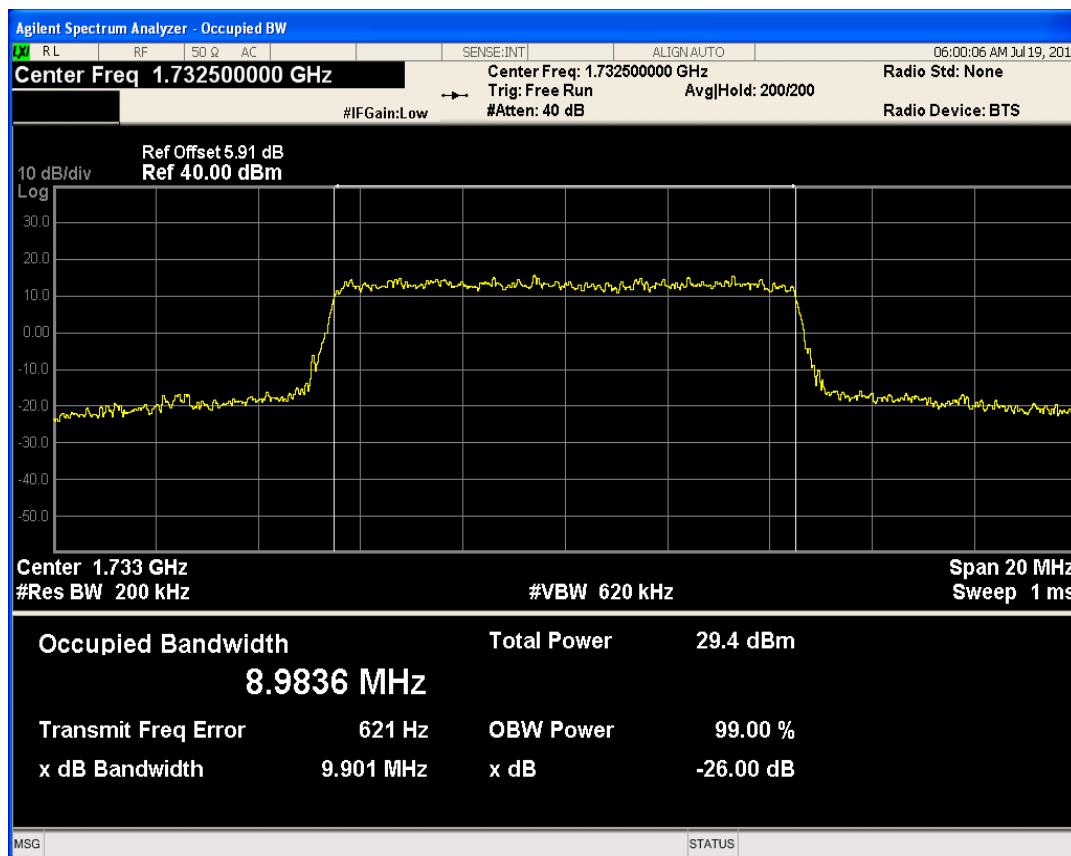
LTE Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



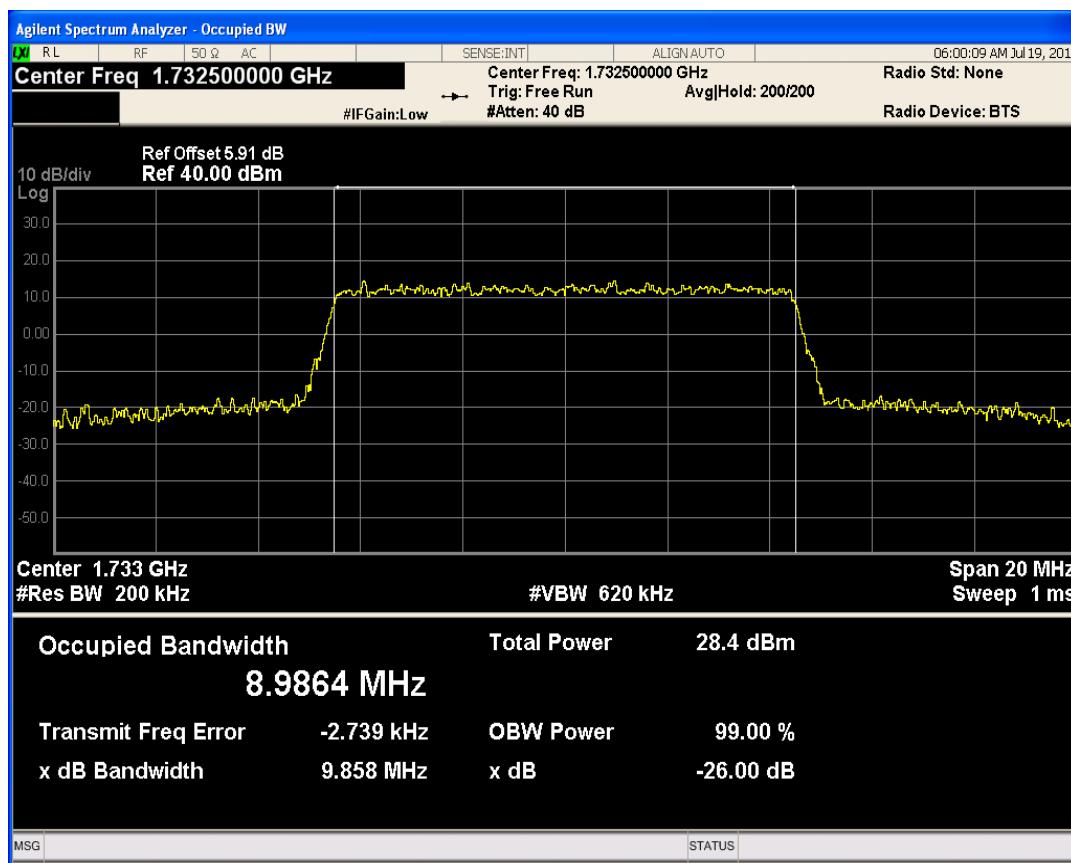
LTE Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



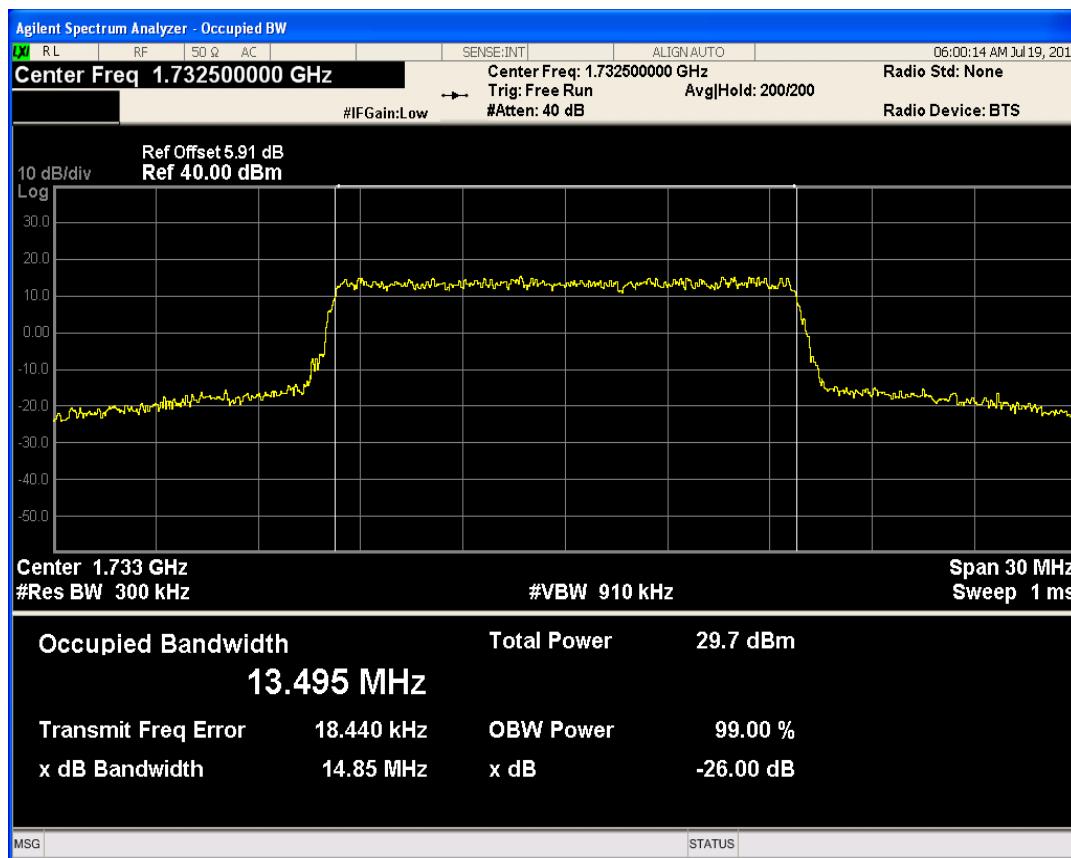
LTE Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



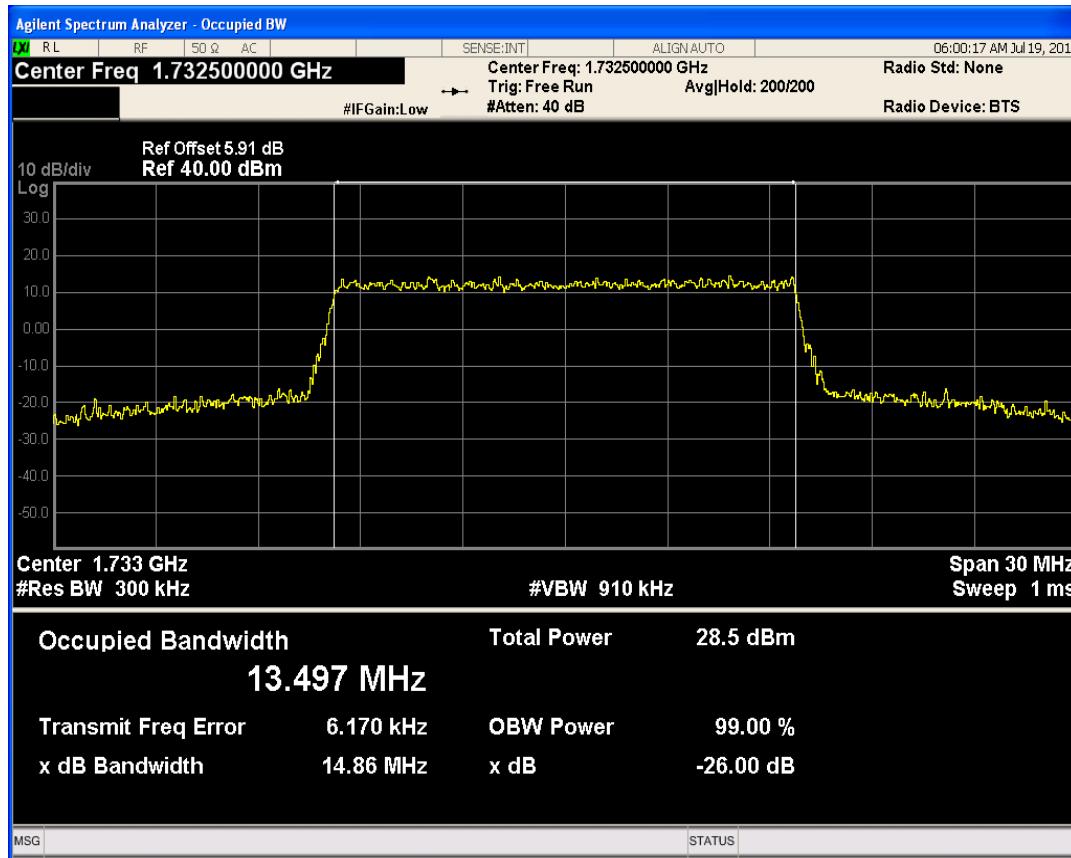
LTE Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



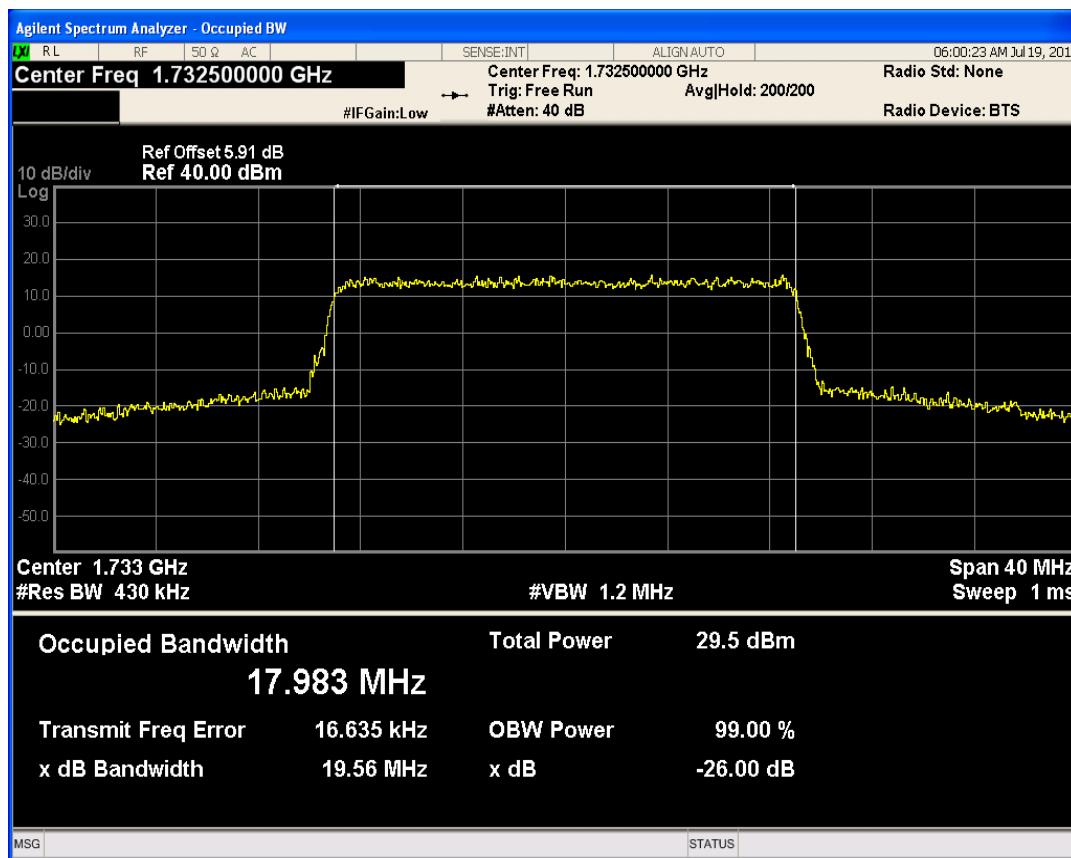
LTE Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



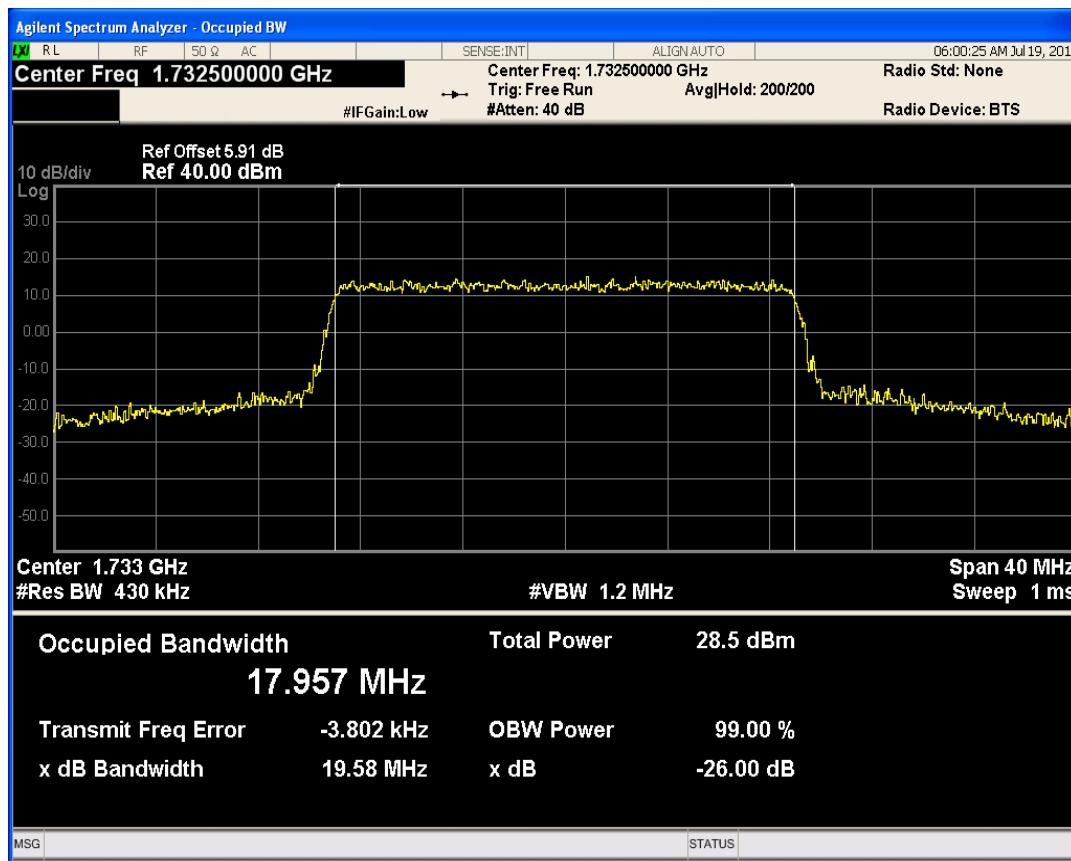
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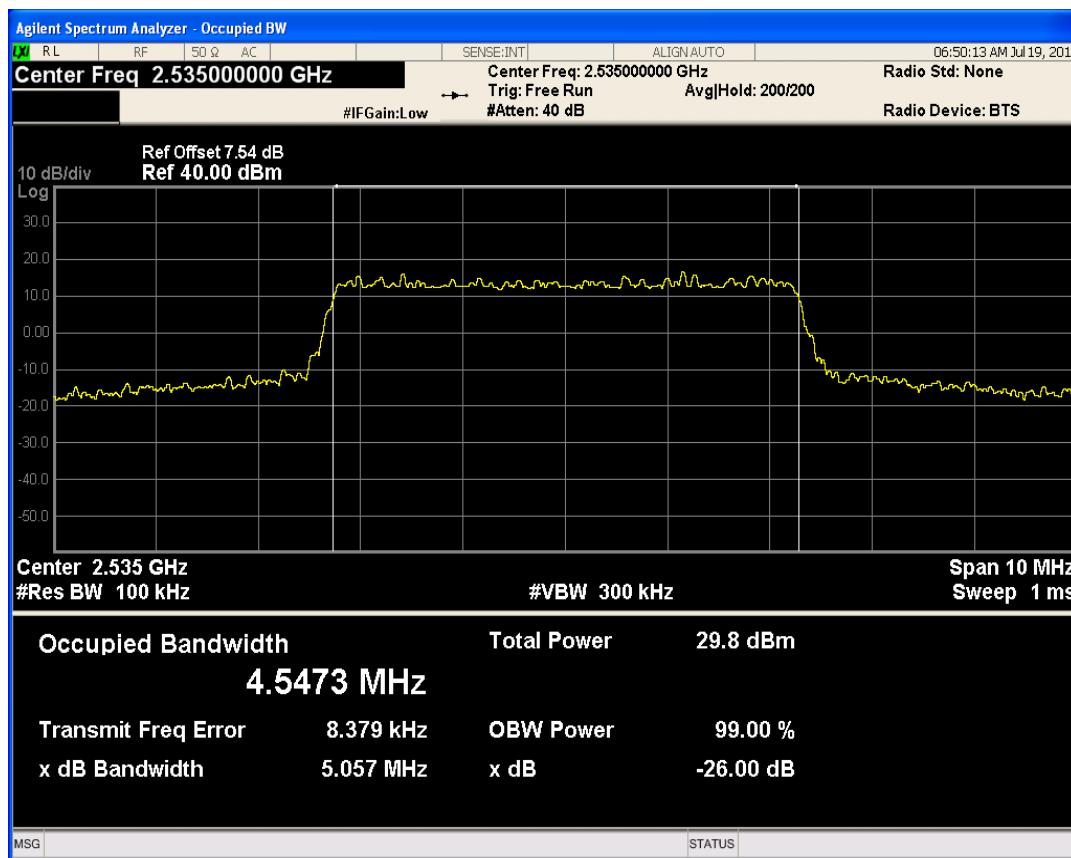
LTE Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



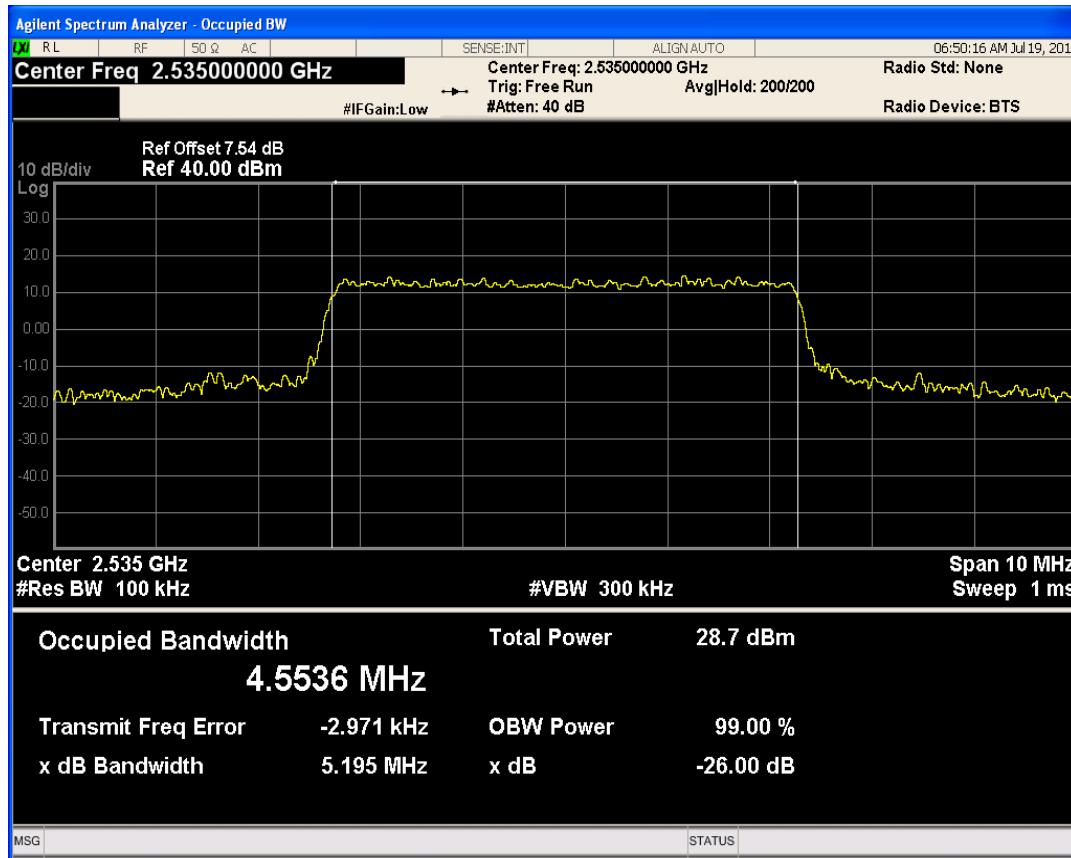
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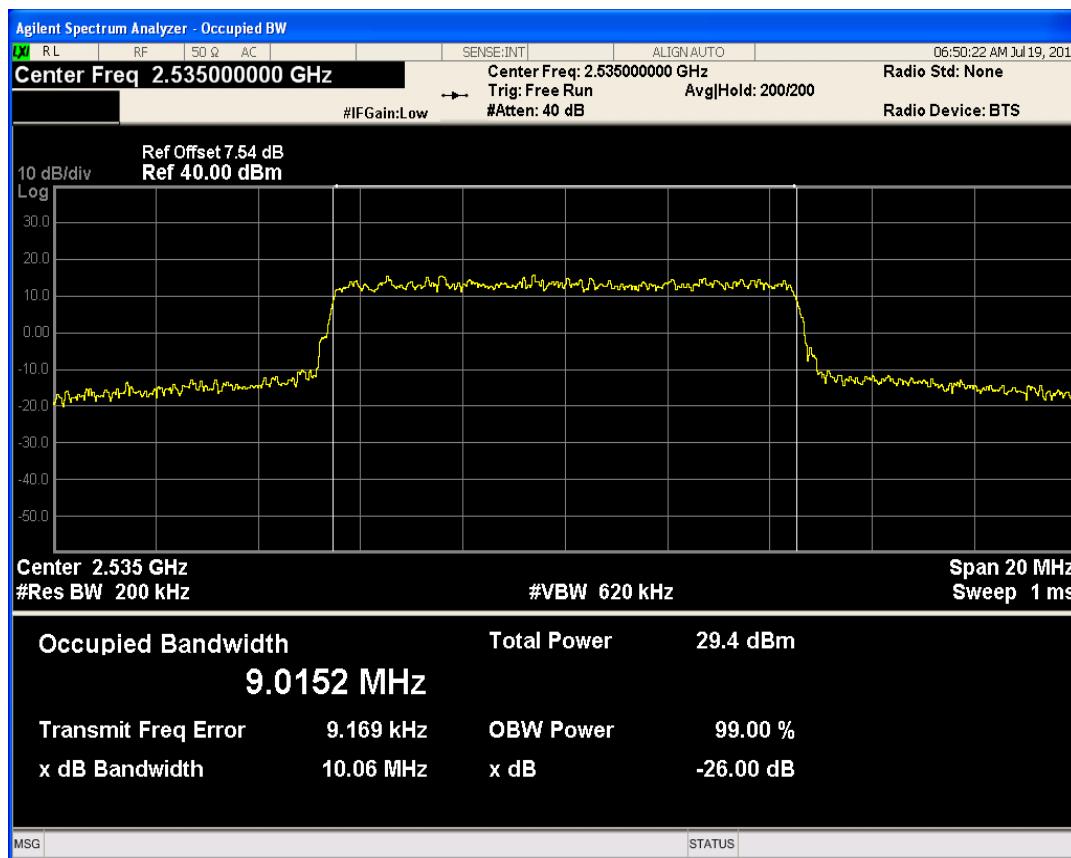
LTE Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



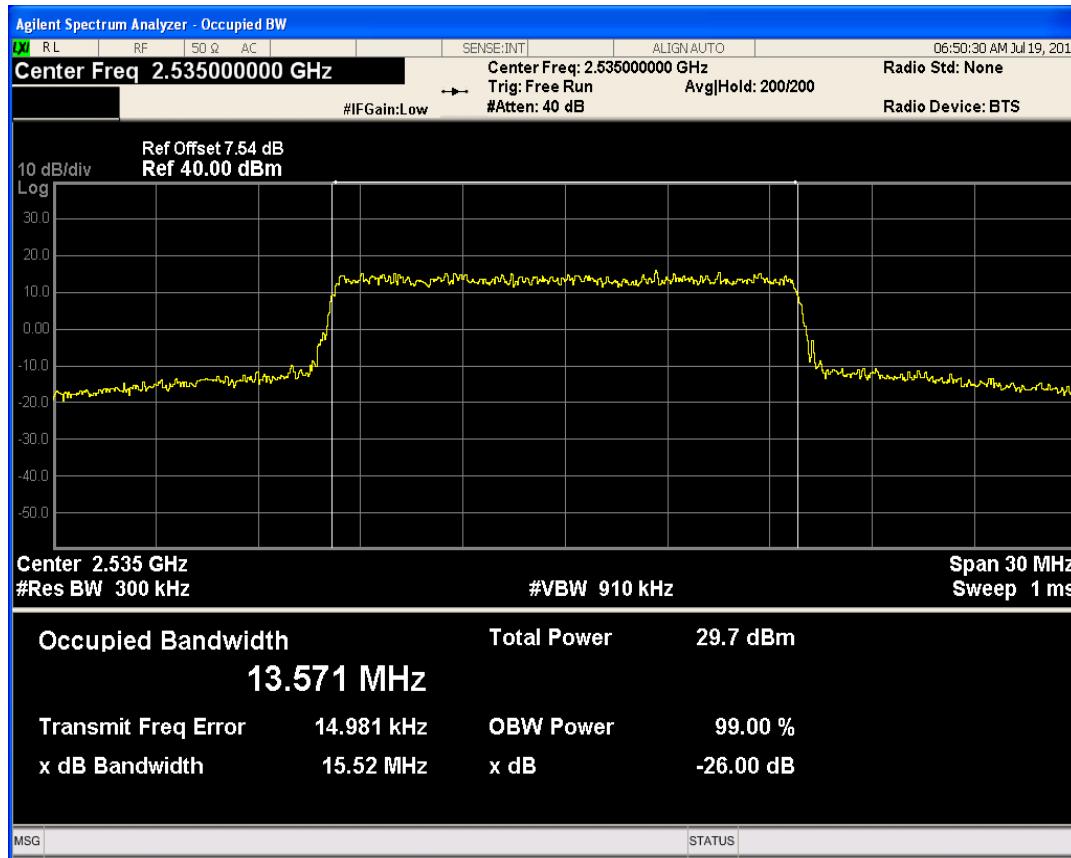
LTE Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0



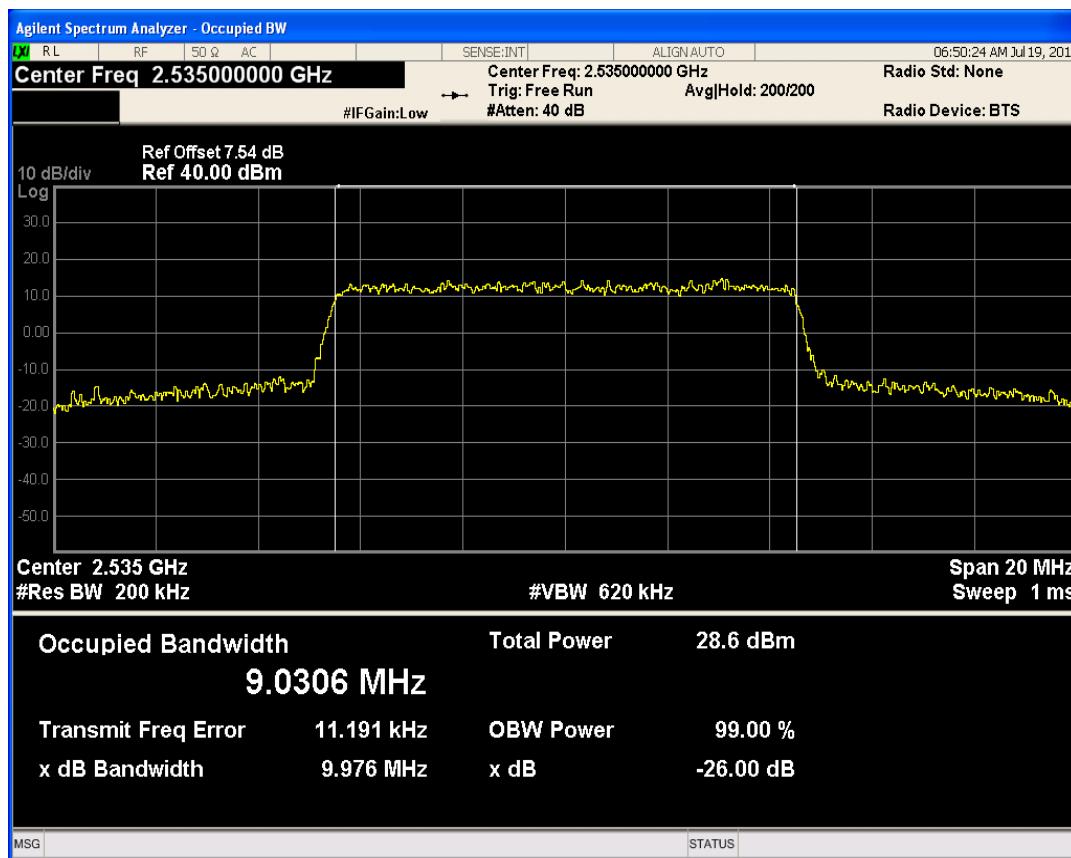
LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



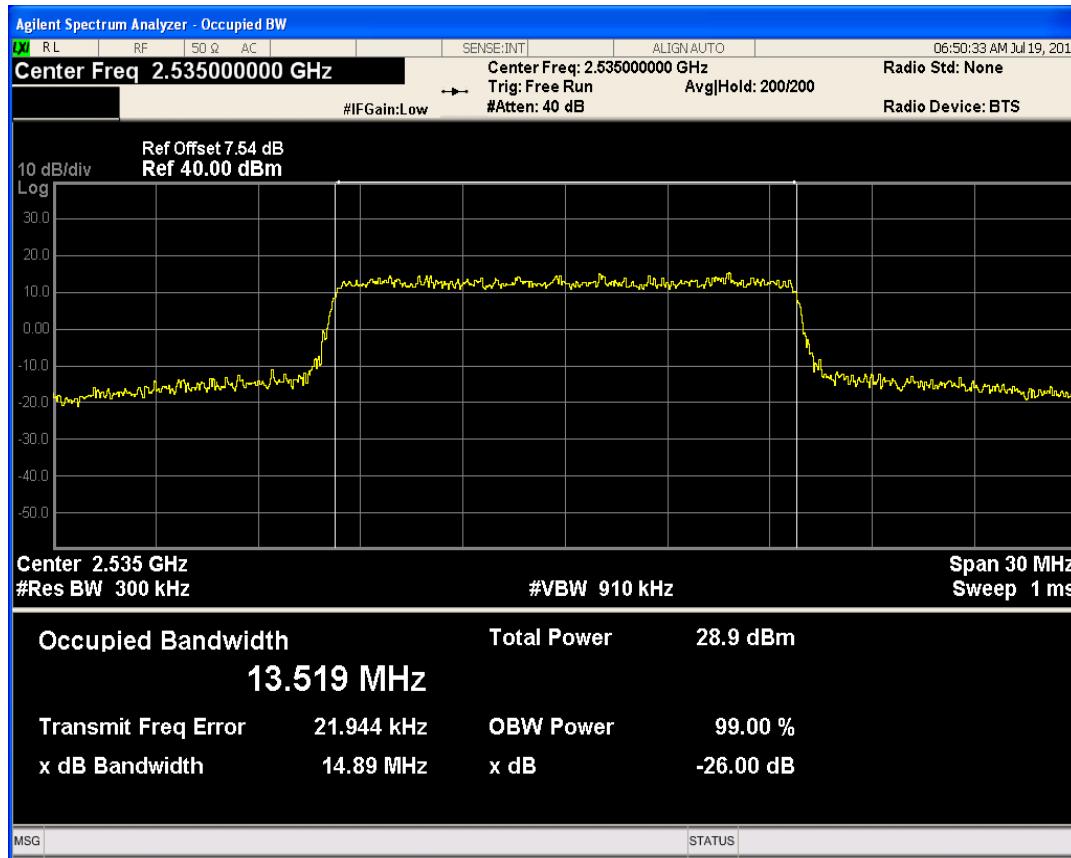
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



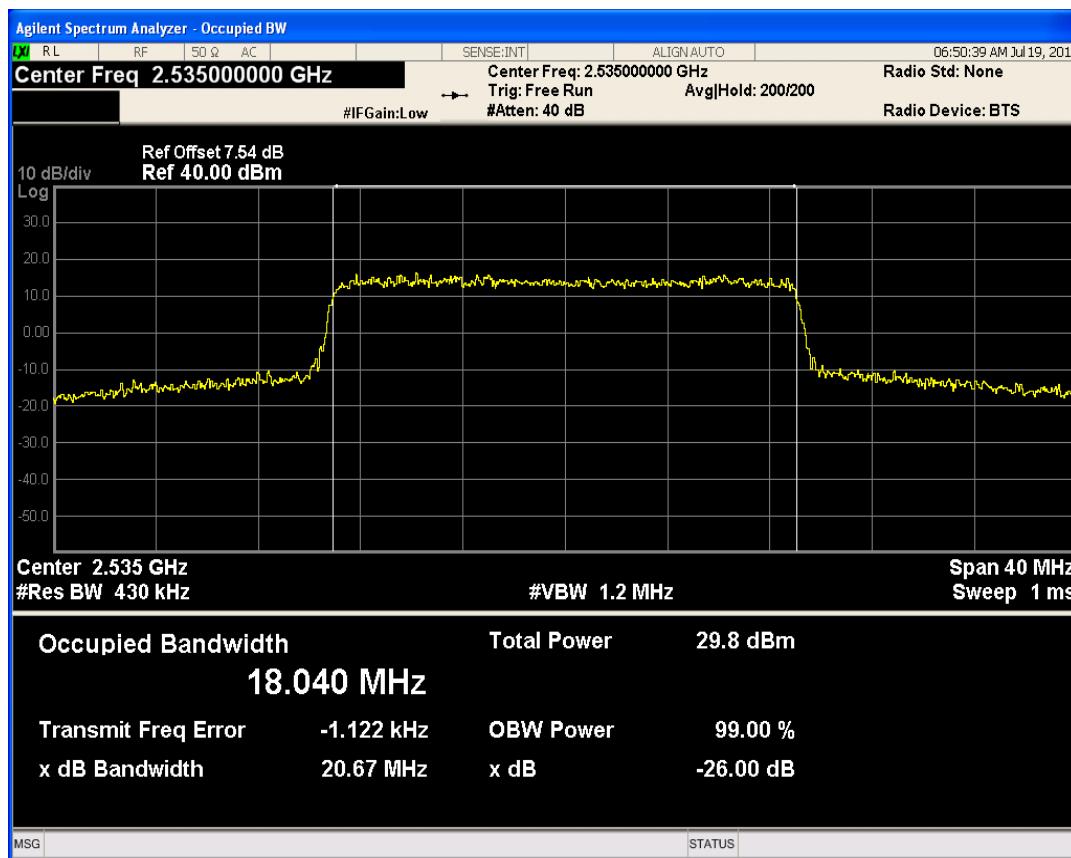
LTE Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0



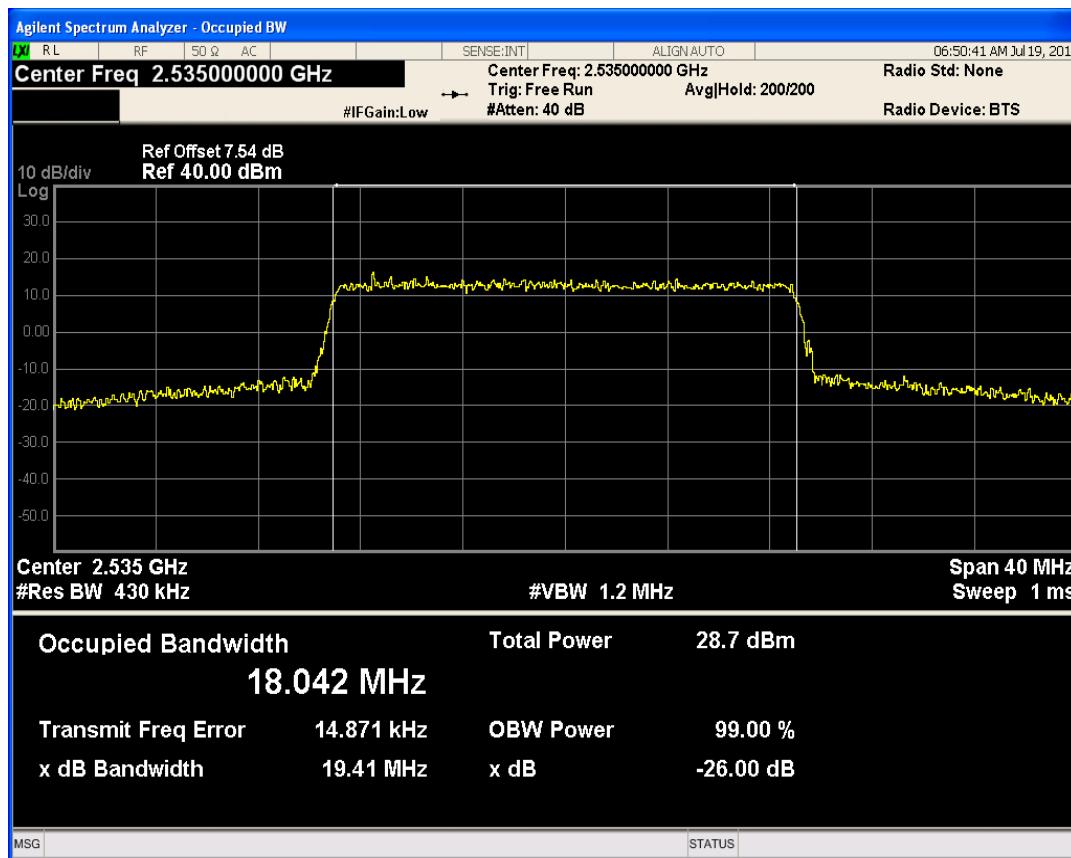
LTE Band7 QAM16 BW=15MHz Channel=21100 RB Size=75 Position=#0



LTE Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



LTE Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0



## 4 Band edge

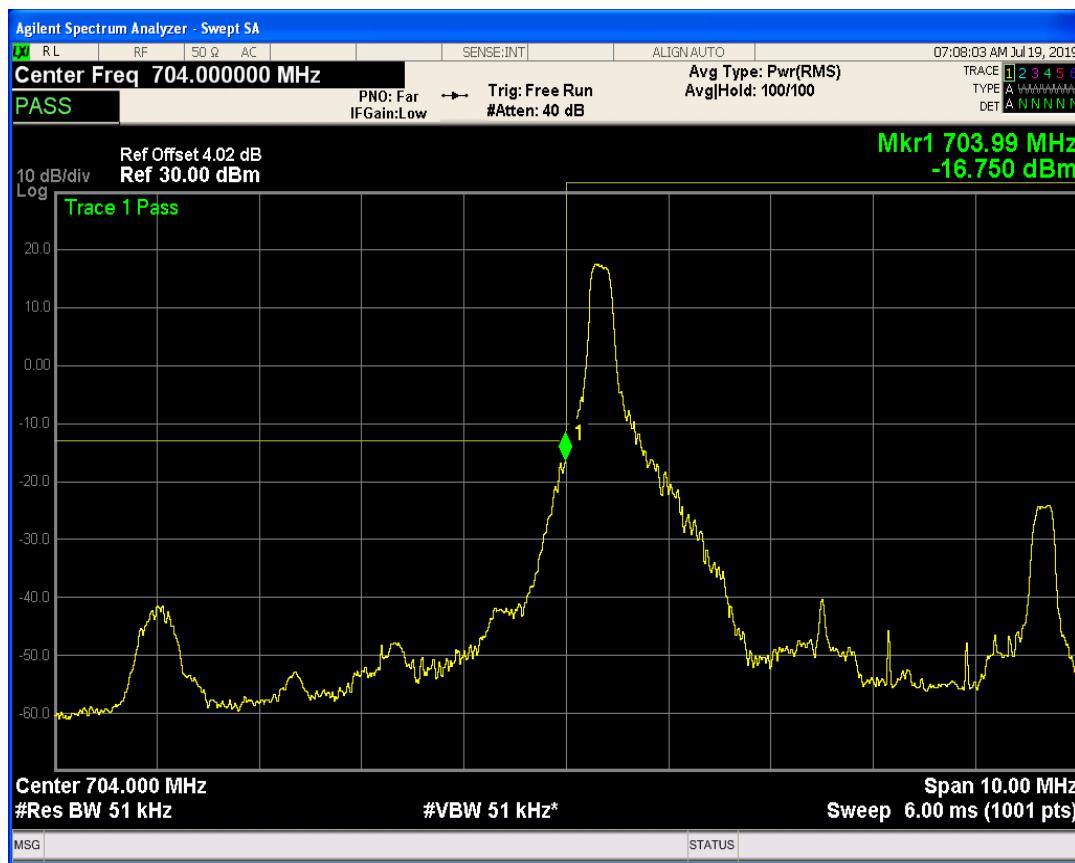
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
LTE Band17	5	23755	1	#0	QPSK	703.99	-16.75	-13	PASS
LTE Band17	5	23755	1	#Max	QPSK	700.01	-39.99	-13	PASS
LTE Band17	5	23755	25	#0	QPSK	703.99	-25.60	-13	PASS
LTE Band17	5	23755	1	#0	QAM16	703.97	-17.90	-13	PASS
LTE Band17	5	23755	1	#Max	QAM16	699.97	-38.38	-13	PASS
LTE Band17	5	23755	25	#0	QAM16	703.94	-28.16	-13	PASS
LTE Band17	5	23825	1	#0	QPSK	719.96	-41.38	-13	PASS
LTE Band17	5	23825	1	#Max	QPSK	716.01	-15.47	-13	PASS
LTE Band17	5	23825	25	#0	QPSK	716.01	-28.75	-13	PASS
LTE Band17	5	23825	1	#0	QAM16	720.03	-39.99	-13	PASS
LTE Band17	5	23825	1	#Max	QAM16	716.03	-17.17	-13	PASS
LTE Band17	5	23825	25	#0	QAM16	716.01	-29.05	-13	PASS
LTE Band17	10	23780	1	#0	QPSK	703.92	-21.35	-13	PASS
LTE Band17	10	23780	1	#Max	QPSK	695.74	-42.20	-13	PASS
LTE Band17	10	23780	50	#0	QPSK	703.98	-27.30	-13	PASS
LTE Band17	10	23780	1	#0	QAM16	703.94	-21.39	-13	PASS
LTE Band17	10	23780	1	#Max	QAM16	695.76	-37.63	-13	PASS
LTE Band17	10	23780	50	#0	QAM16	703.98	-29.43	-13	PASS
LTE Band17	10	23800	1	#0	QPSK	724.20	-43.71	-13	PASS
LTE Band17	10	23800	1	#Max	QPSK	716.06	-19.88	-13	PASS
LTE Band17	10	23800	50	#0	QPSK	716.02	-31.57	-13	PASS
LTE Band17	10	23800	1	#0	QAM16	724.26	-42.62	-13	PASS
LTE Band17	10	23800	1	#Max	QAM16	716.08	-22.18	-13	PASS
LTE Band17	10	23800	50	#0	QAM16	716.08	-32.29	-13	PASS
LTE Band4	1.4	19957	1	#0	QPSK	1710.00	-24.65	-13	PASS
LTE Band4	1.4	19957	1	#Max	QPSK	1709.29	-40.02	-13	PASS
LTE Band4	1.4	19957	6	#0	QPSK	1709.97	-23.97	-13	PASS
LTE Band4	1.4	19957	1	#0	QAM16	1710.00	-27.36	-13	PASS
LTE Band4	1.4	19957	1	#Max	QAM16	1709.39	-40.76	-13	PASS
LTE Band4	1.4	19957	6	#0	QAM16	1709.97	-26.86	-13	PASS
LTE Band4	1.4	20393	1	#0	QPSK	1755.67	-39.57	-13	PASS
LTE Band4	1.4	20393	1	#Max	QPSK	1755.00	-26.42	-13	PASS
LTE Band4	1.4	20393	6	#0	QPSK	1755.03	-23.63	-13	PASS
LTE Band4	1.4	20393	1	#0	QAM16	1755.71	-39.92	-13	PASS
LTE Band4	1.4	20393	1	#Max	QAM16	1755.00	-27.89	-13	PASS
LTE Band4	1.4	20393	6	#0	QAM16	1755.03	-25.41	-13	PASS
LTE Band4	3	19965	1	#0	QPSK	1709.99	-17.60	-13	PASS
LTE Band4	3	19965	1	#Max	QPSK	1707.71	-38.27	-13	PASS
LTE Band4	3	19965	15	#0	QPSK	1709.99	-23.81	-13	PASS
LTE Band4	3	19965	1	#0	QAM16	1709.99	-17.94	-13	PASS
LTE Band4	3	19965	1	#Max	QAM16	1707.73	-37.58	-13	PASS

LTE Band4	3	19965	15	#0	QAM16	1709.98	-27.14	-13	PASS
LTE Band4	3	20385	1	#0	QPSK	1757.30	-36.11	-13	PASS
LTE Band4	3	20385	1	#Max	QPSK	1755.01	-19.56	-13	PASS
LTE Band4	3	20385	15	#0	QPSK	1755.01	-24.13	-13	PASS
LTE Band4	3	20385	1	#0	QAM16	1757.32	-36.69	-13	PASS
LTE Band4	3	20385	1	#Max	QAM16	1755.01	-20.87	-13	PASS
LTE Band4	3	20385	15	#0	QAM16	1755.04	-26.34	-13	PASS
LTE Band4	5	19975	1	#0	QPSK	1709.98	-16.83	-13	PASS
LTE Band4	5	19975	1	#Max	QPSK	1706.06	-37.69	-13	PASS
LTE Band4	5	19975	25	#0	QPSK	1709.98	-23.61	-13	PASS
LTE Band4	5	19975	1	#0	QAM16	1709.99	-16.89	-13	PASS
LTE Band4	5	19975	1	#Max	QAM16	1706.01	-36.96	-13	PASS
LTE Band4	5	19975	25	#0	QAM16	1709.99	-25.86	-13	PASS
LTE Band4	5	20375	1	#0	QPSK	1758.96	-35.21	-13	PASS
LTE Band4	5	20375	1	#Max	QPSK	1755.01	-18.50	-13	PASS
LTE Band4	5	20375	25	#0	QPSK	1755.06	-24.60	-13	PASS
LTE Band4	5	20375	1	#0	QAM16	1758.98	-34.13	-13	PASS
LTE Band4	5	20375	1	#Max	QAM16	1755.01	-18.92	-13	PASS
LTE Band4	5	20375	25	#0	QAM16	1755.03	-25.91	-13	PASS
LTE Band4	10	20000	1	#0	QPSK	1709.96	-20.56	-13	PASS
LTE Band4	10	20000	1	#Max	QPSK	1701.80	-37.65	-13	PASS
LTE Band4	10	20000	50	#0	QPSK	1709.96	-23.89	-13	PASS
LTE Band4	10	20000	1	#0	QAM16	1709.92	-21.05	-13	PASS
LTE Band4	10	20000	1	#Max	QAM16	1701.78	-36.41	-13	PASS
LTE Band4	10	20000	50	#0	QAM16	1709.90	-27.22	-13	PASS
LTE Band4	10	20350	1	#0	QPSK	1763.22	-33.54	-13	PASS
LTE Band4	10	20350	1	#Max	QPSK	1755.02	-19.85	-13	PASS
LTE Band4	10	20350	50	#0	QPSK	1755.20	-23.93	-13	PASS
LTE Band4	10	20350	1	#0	QAM16	1763.22	-33.52	-13	PASS
LTE Band4	10	20350	1	#Max	QAM16	1755.02	-22.55	-13	PASS
LTE Band4	10	20350	50	#0	QAM16	1755.18	-25.76	-13	PASS
LTE Band4	15	20025	1	#0	QPSK	1709.97	-18.52	-13	PASS
LTE Band4	15	20025	1	#Max	QPSK	1697.58	-38.16	-13	PASS
LTE Band4	15	20025	75	#0	QPSK	1709.40	-23.00	-13	PASS
LTE Band4	15	20025	1	#0	QAM16	1709.97	-23.24	-13	PASS
LTE Band4	15	20025	1	#Max	QAM16	1697.49	-37.37	-13	PASS
LTE Band4	15	20025	75	#0	QAM16	1709.94	-25.87	-13	PASS
LTE Band4	15	20325	1	#0	QPSK	1767.45	-32.59	-13	PASS
LTE Band4	15	20325	1	#Max	QPSK	1755.06	-22.02	-13	PASS
LTE Band4	15	20325	75	#0	QPSK	1755.84	-22.40	-13	PASS
LTE Band4	15	20325	1	#0	QAM16	1767.42	-32.52	-13	PASS
LTE Band4	15	20325	1	#Max	QAM16	1755.09	-23.93	-13	PASS
LTE Band4	15	20325	75	#0	QAM16	1755.12	-25.06	-13	PASS
LTE Band4	20	20050	1	#0	QPSK	1709.76	-25.36	-13	PASS

LTE Band4	20	20050	1	#Max	QPSK	1693.28	-41.45	-13	PASS
LTE Band4	20	20050	100	#0	QPSK	1709.92	-25.27	-13	PASS
LTE Band4	20	20050	1	#0	QAM16	1709.88	-28.14	-13	PASS
LTE Band4	20	20050	1	#Max	QAM16	1693.28	-40.60	-13	PASS
LTE Band4	20	20050	100	#0	QAM16	1709.56	-27.95	-13	PASS
LTE Band4	20	20300	1	#0	QPSK	1771.76	-32.36	-13	PASS
LTE Band4	20	20300	1	#Max	QPSK	1755.16	-27.60	-13	PASS
LTE Band4	20	20300	100	#0	QPSK	1755.28	-23.59	-13	PASS
LTE Band4	20	20300	1	#0	QAM16	1771.76	-31.53	-13	PASS
LTE Band4	20	20300	1	#Max	QAM16	1755.08	-26.76	-13	PASS
LTE Band4	20	20300	100	#0	QAM16	1755.52	-26.15	-13	PASS
LTE Band7	5	20775	1	#0	QPSK	2499.95	-17.70	-10	PASS
LTE Band7	5	20775	1	#Max	QPSK	2495.95	-37.38	-10	PASS
LTE Band7	5	20775	25	#0	QPSK	2499.90	-23.98	-10	PASS
LTE Band7	5	20775	1	#0	QAM16	2499.95	-18.60	-10	PASS
LTE Band7	5	20775	1	#Max	QAM16	2496.05	-38.14	-10	PASS
LTE Band7	5	20775	25	#0	QAM16	2499.95	-24.78	-10	PASS
LTE Band7	5	21425	1	#0	QPSK	2573.95	-37.08	-10	PASS
LTE Band7	5	21425	1	#Max	QPSK	2570.05	-22.30	-10	PASS
LTE Band7	5	21425	25	#0	QPSK	2570.05	-29.19	-10	PASS
LTE Band7	5	21425	1	#0	QAM16	2573.95	-35.90	-10	PASS
LTE Band7	5	21425	1	#Max	QAM16	2570.05	-21.32	-10	PASS
LTE Band7	5	21425	25	#0	QAM16	2570.05	-30.88	-10	PASS
LTE Band7	10	20800	1	#0	QPSK	2499.95	-23.40	-10	PASS
LTE Band7	10	20800	1	#Max	QPSK	2491.80	-36.17	-13	PASS
LTE Band7	10	20800	50	#0	QPSK	2499.95	-22.51	-10	PASS
LTE Band7	10	20800	1	#0	QAM16	2499.95	-21.88	-10	PASS
LTE Band7	10	20800	1	#Max	QAM16	2491.75	-35.65	-13	PASS
LTE Band7	10	20800	50	#0	QAM16	2499.85	-24.80	-10	PASS
LTE Band7	10	21400	1	#0	QPSK	2578.25	-33.95	-13	PASS
LTE Band7	10	21400	1	#Max	QPSK	2570.05	-22.14	-10	PASS
LTE Band7	10	21400	50	#0	QPSK	2570.10	-29.34	-10	PASS
LTE Band7	10	21400	1	#0	QAM16	2578.25	-34.53	-13	PASS
LTE Band7	10	21400	1	#Max	QAM16	2570.15	-26.53	-10	PASS
LTE Band7	10	21400	50	#0	QAM16	2570.65	-31.39	-10	PASS
LTE Band7	15	20825	1	#0	QPSK	2499.95	-22.10	-10	PASS
LTE Band7	15	20825	1	#Max	QPSK	2487.55	-34.75	-13	PASS
LTE Band7	15	20825	75	#0	QPSK	2499.95	-21.26	-10	PASS
LTE Band7	15	20825	1	#0	QAM16	2499.90	-21.89	-10	PASS
LTE Band7	15	20825	1	#Max	QAM16	2487.55	-33.62	-13	PASS
LTE Band7	15	20825	75	#0	QAM16	2498.95	-23.29	-10	PASS
LTE Band7	15	21375	1	#0	QPSK	2582.45	-33.58	-13	PASS
LTE Band7	15	21375	1	#Max	QPSK	2570.05	-22.54	-10	PASS
LTE Band7	15	21375	75	#0	QPSK	2570.50	-25.93	-10	PASS

LTE Band7	15	21375	1	#0	QAM16	2582.45	-32.77	-13	PASS
LTE Band7	15	21375	1	#Max	QAM16	2570.10	-23.45	-10	PASS
LTE Band7	15	21375	75	#0	QAM16	2570.35	-28.38	-10	PASS
LTE Band7	20	20850	1	#0	QPSK	2499.75	-26.26	-10	PASS
LTE Band7	20	20850	1	#Max	QPSK	2483.25	-36.32	-13	PASS
LTE Band7	20	20850	100	#0	QPSK	2499.95	-22.07	-10	PASS
LTE Band7	20	20850	1	#0	QAM16	2499.95	-22.46	-10	PASS
LTE Band7	20	20850	1	#Max	QAM16	2483.30	-37.56	-13	PASS
LTE Band7	20	20850	100	#0	QAM16	2499.75	-25.17	-10	PASS
LTE Band7	20	21350	1	#0	QPSK	2586.70	-35.54	-13	PASS
LTE Band7	20	21350	1	#Max	QPSK	2570.05	-22.40	-10	PASS
LTE Band7	20	21350	100	#0	QPSK	2570.05	-25.46	-10	PASS
LTE Band7	20	21350	1	#0	QAM16	2586.75	-35.51	-13	PASS
LTE Band7	20	21350	1	#Max	QAM16	2570.05	-25.71	-10	PASS
LTE Band7	20	21350	100	#0	QAM16	2570.05	-27.90	-10	PASS

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



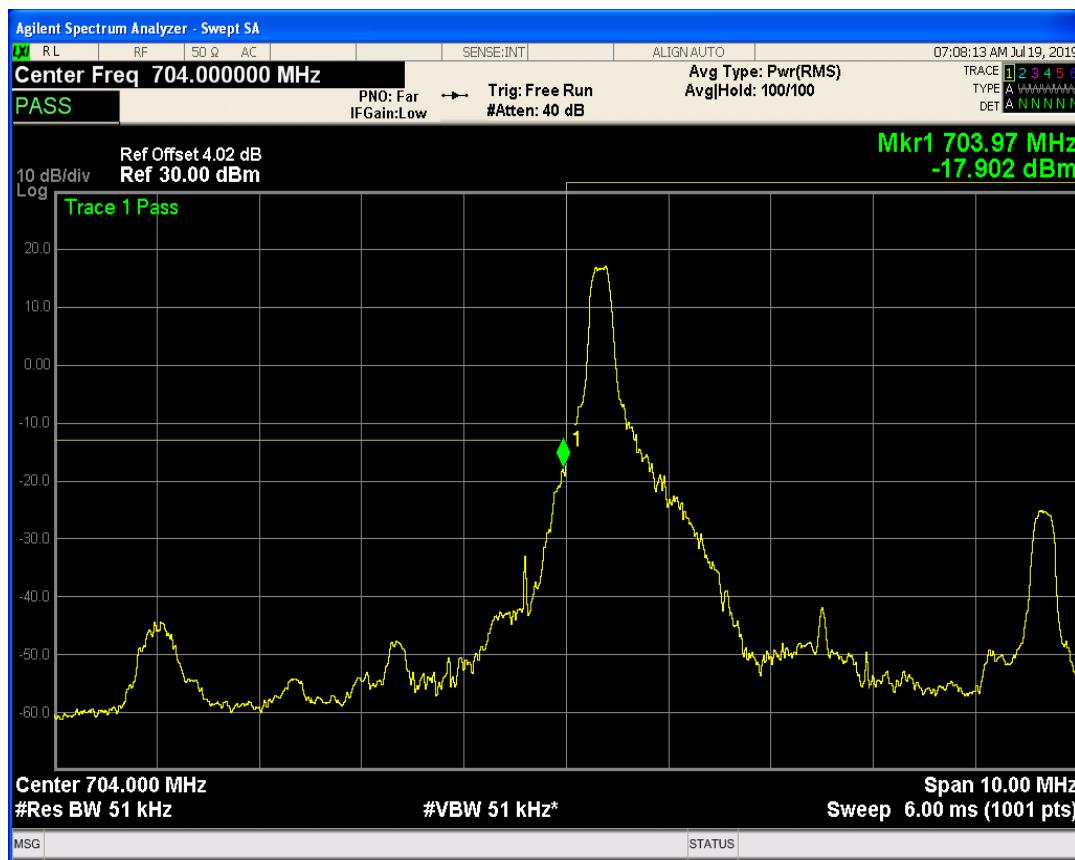
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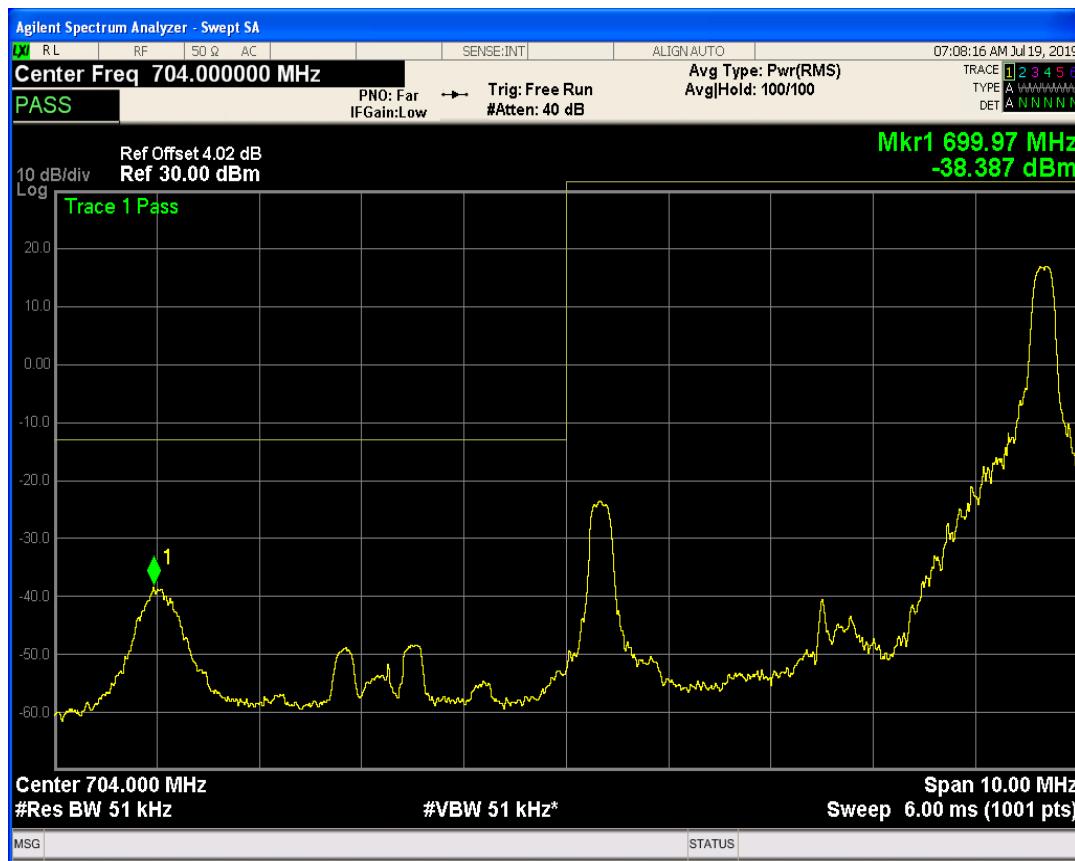
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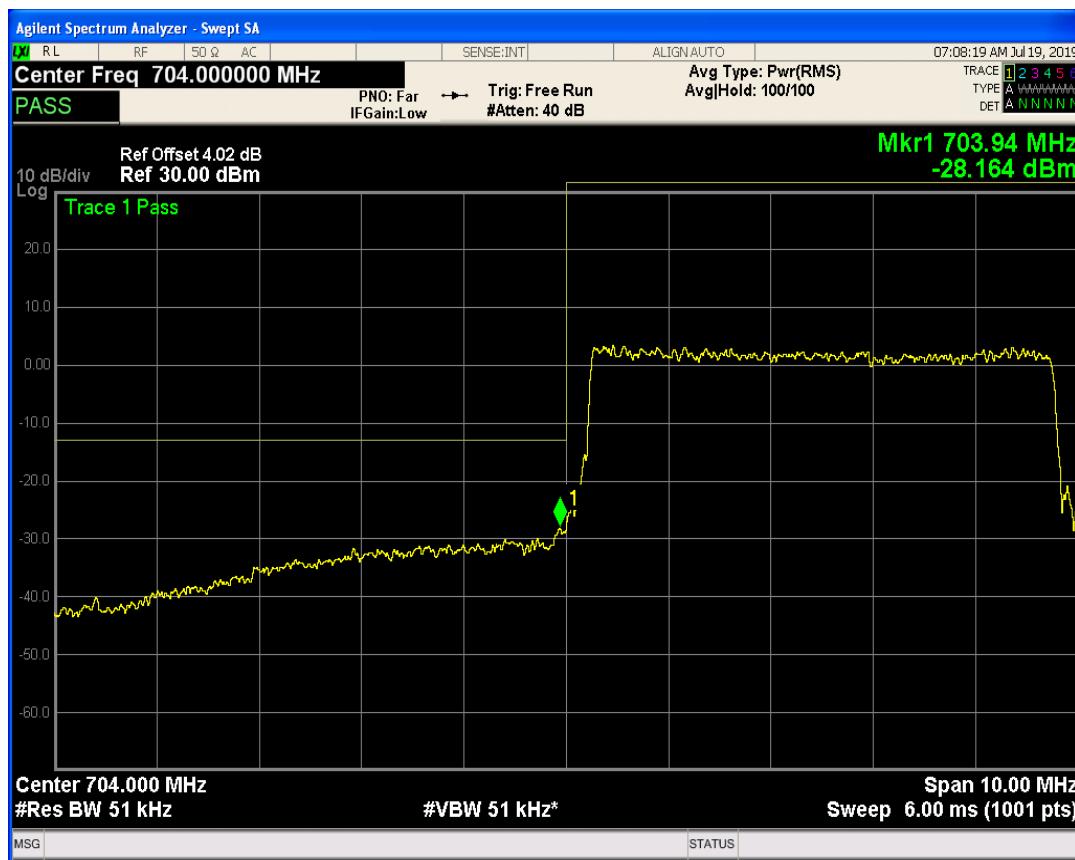
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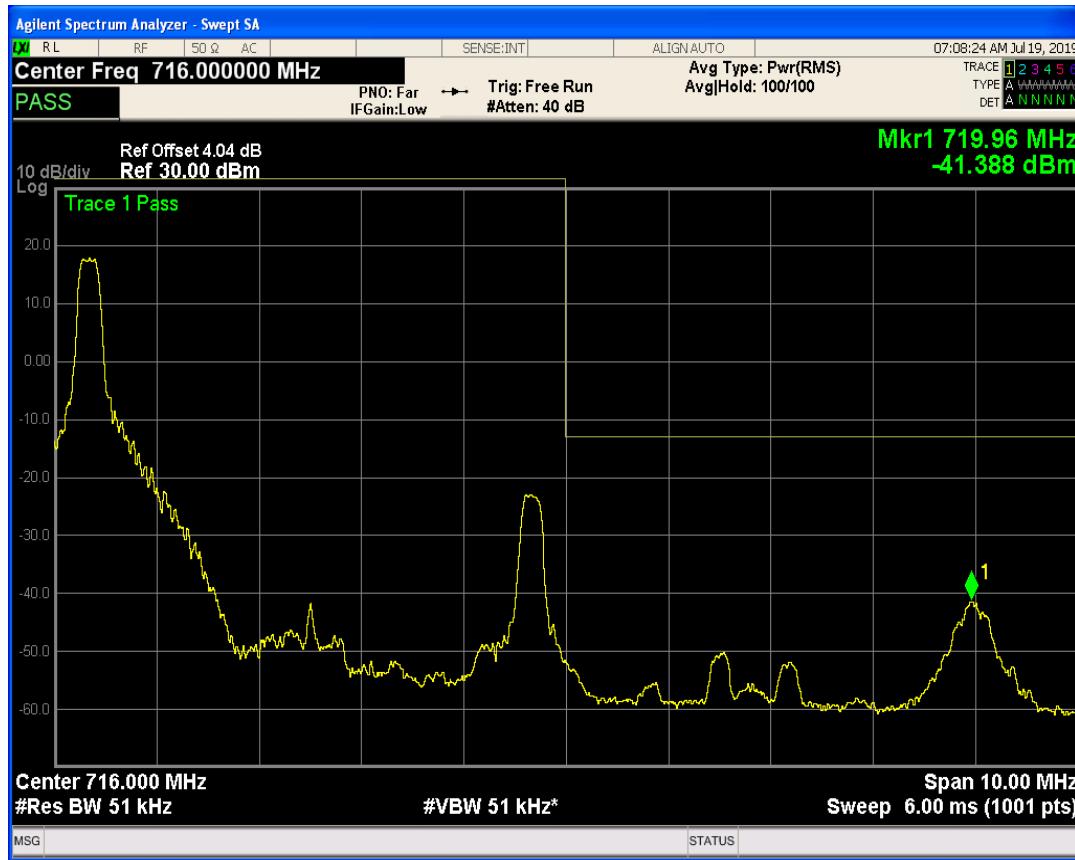
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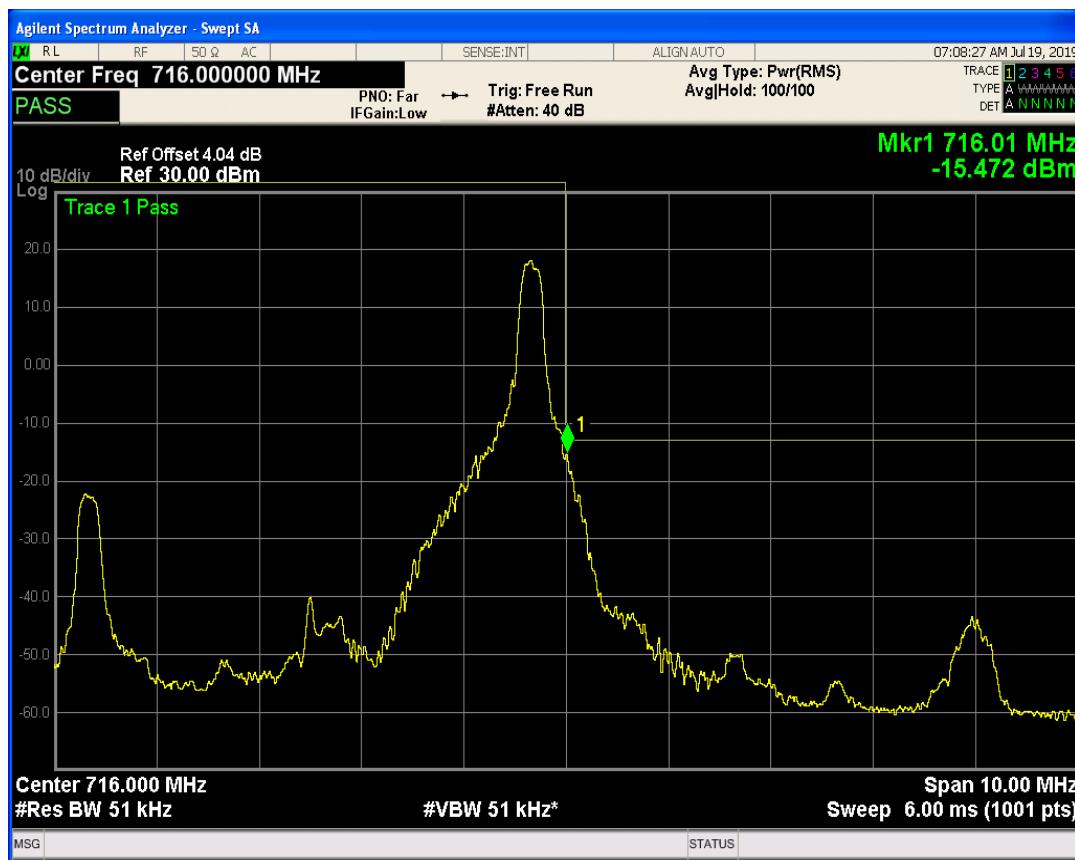
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LTE Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0



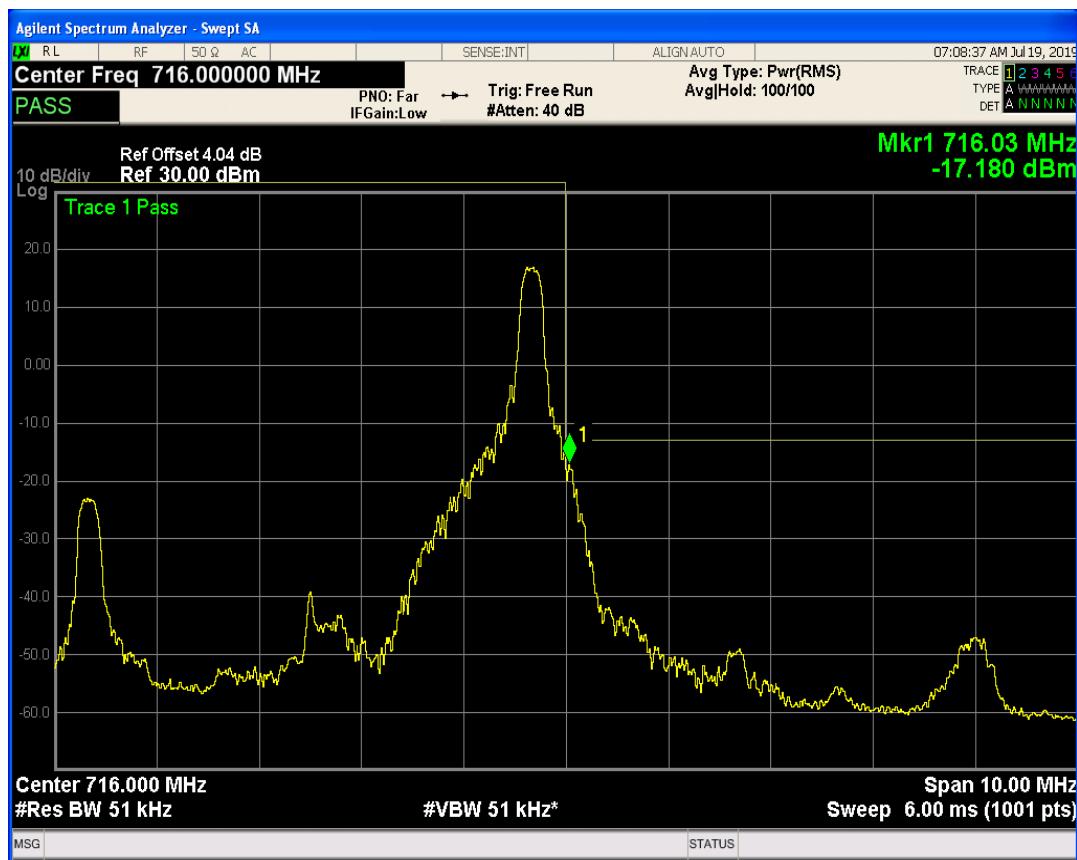
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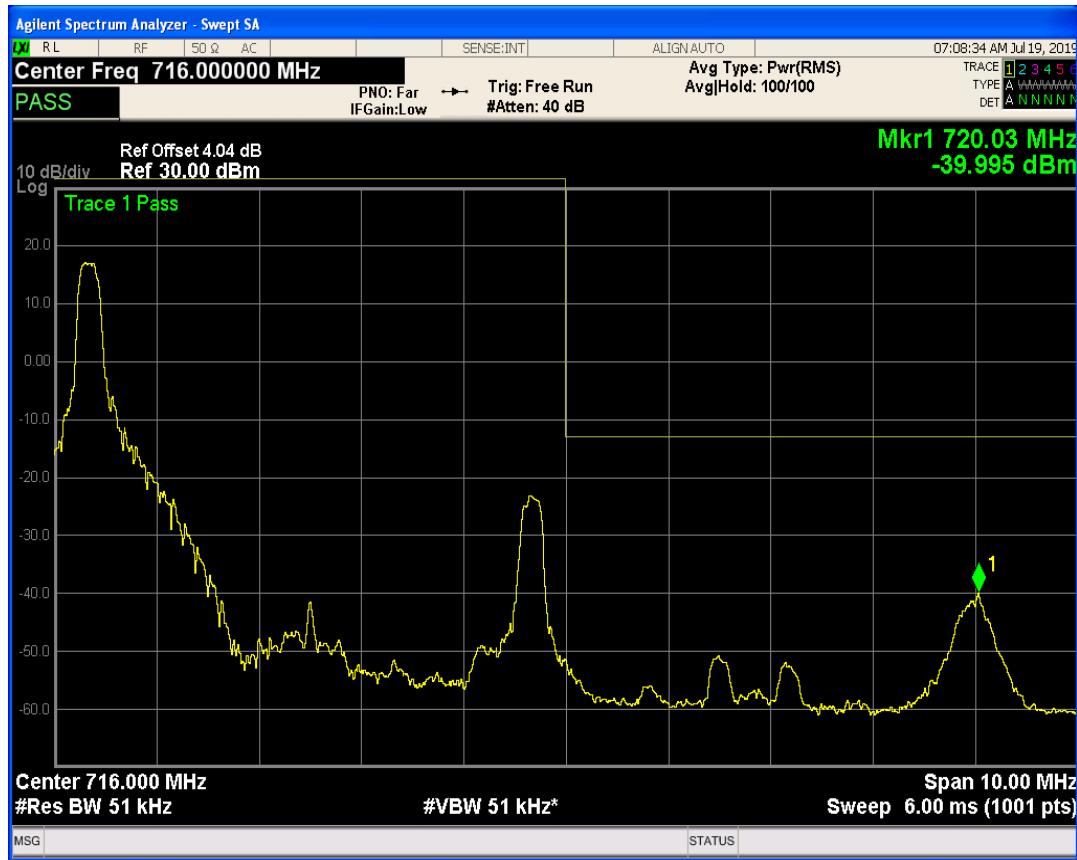
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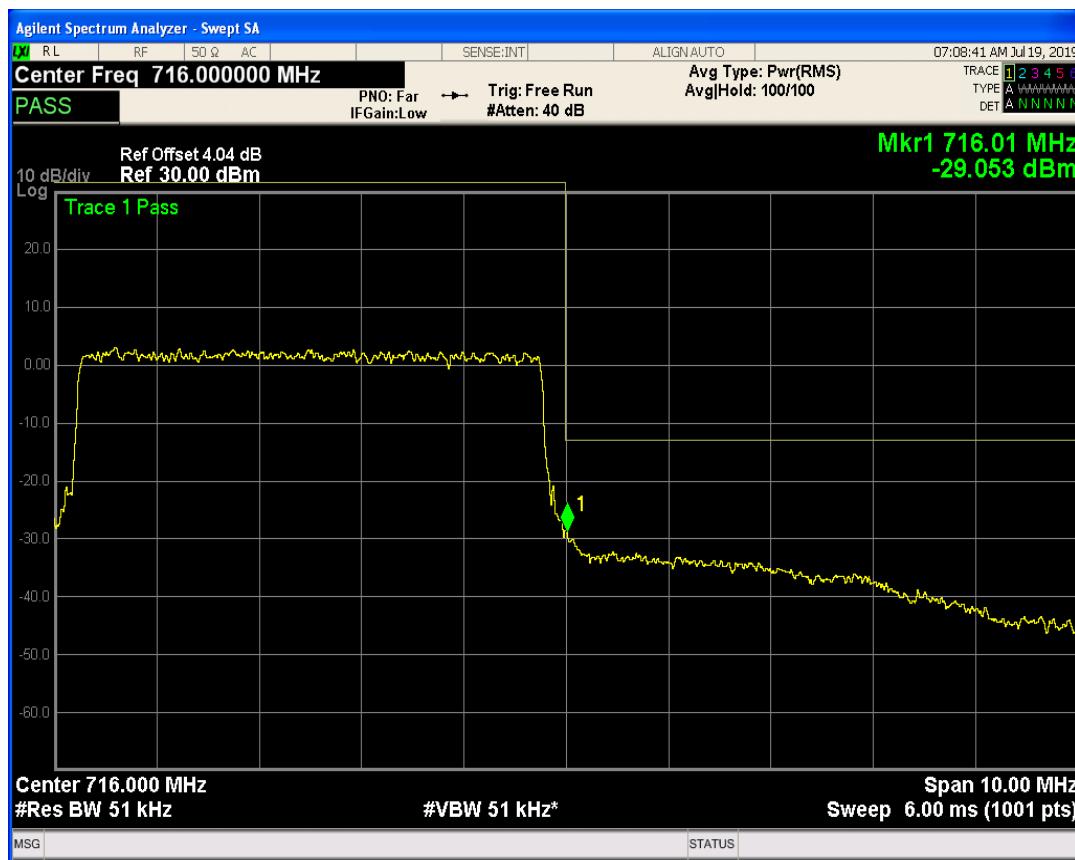
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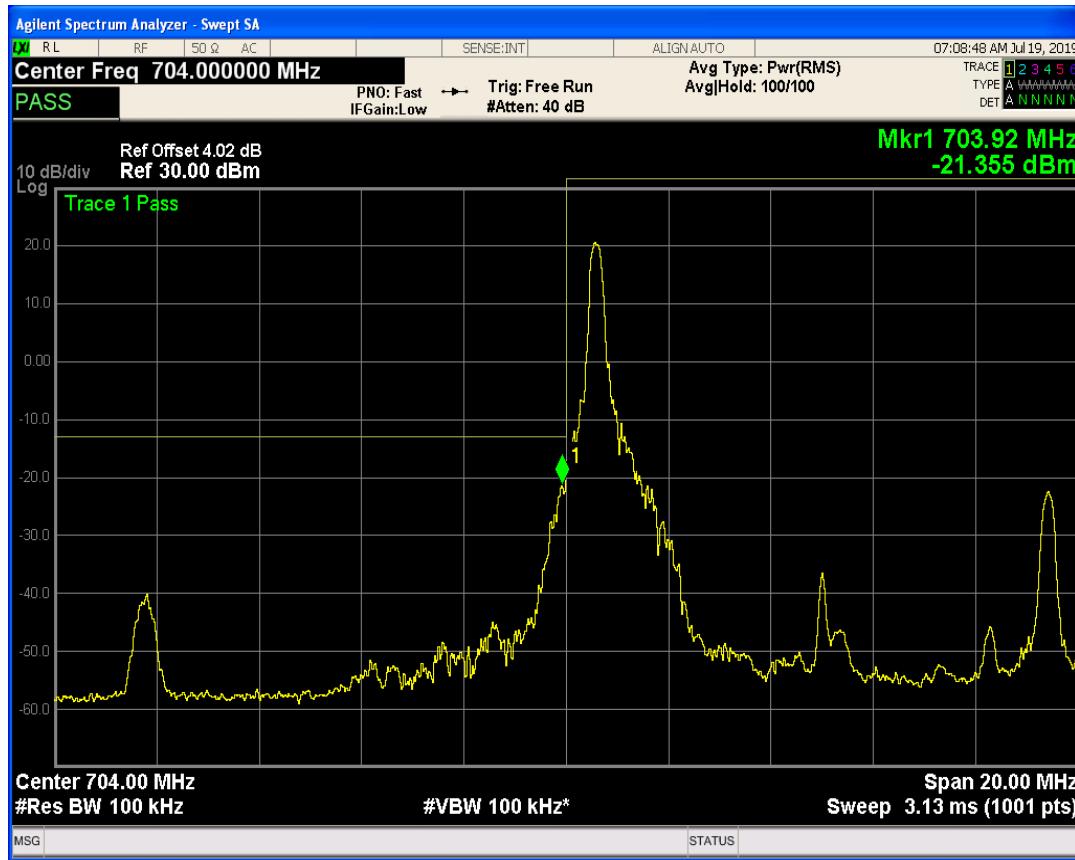
LTE Band17 QAM16 BW=5MHz Channel=23825 RB Size=1 Position=#0



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



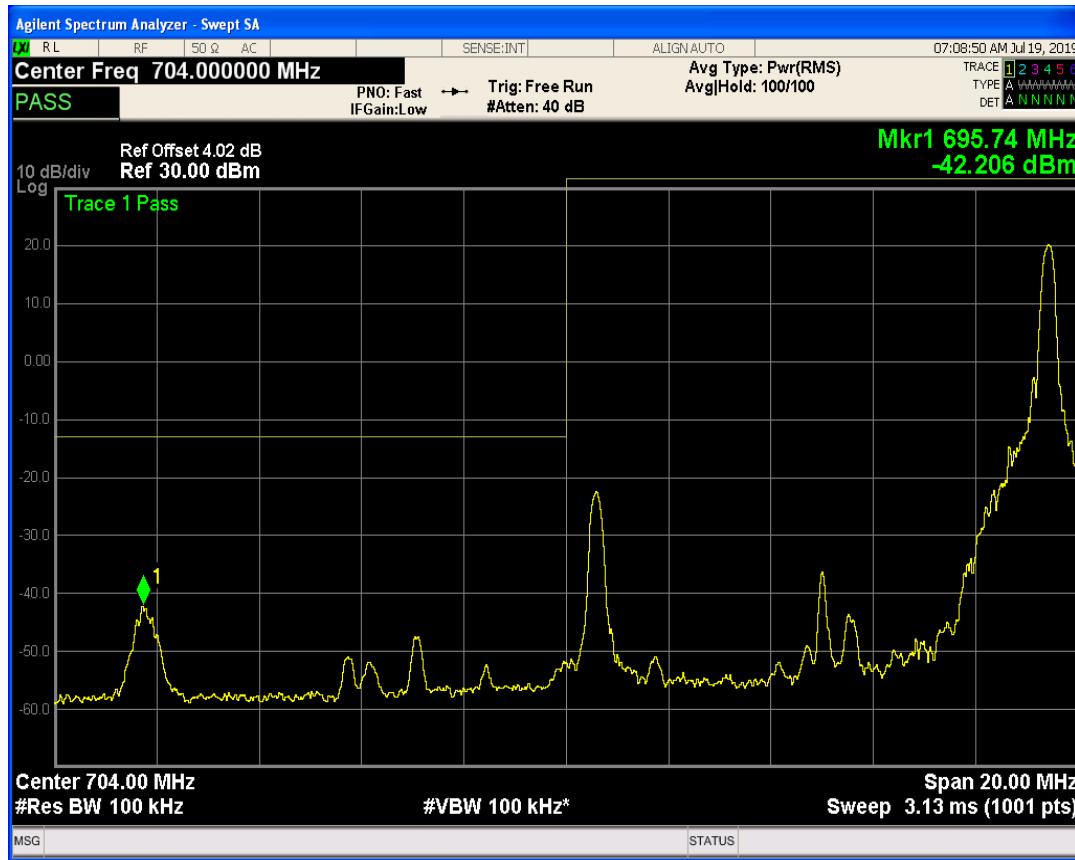
LTE Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0



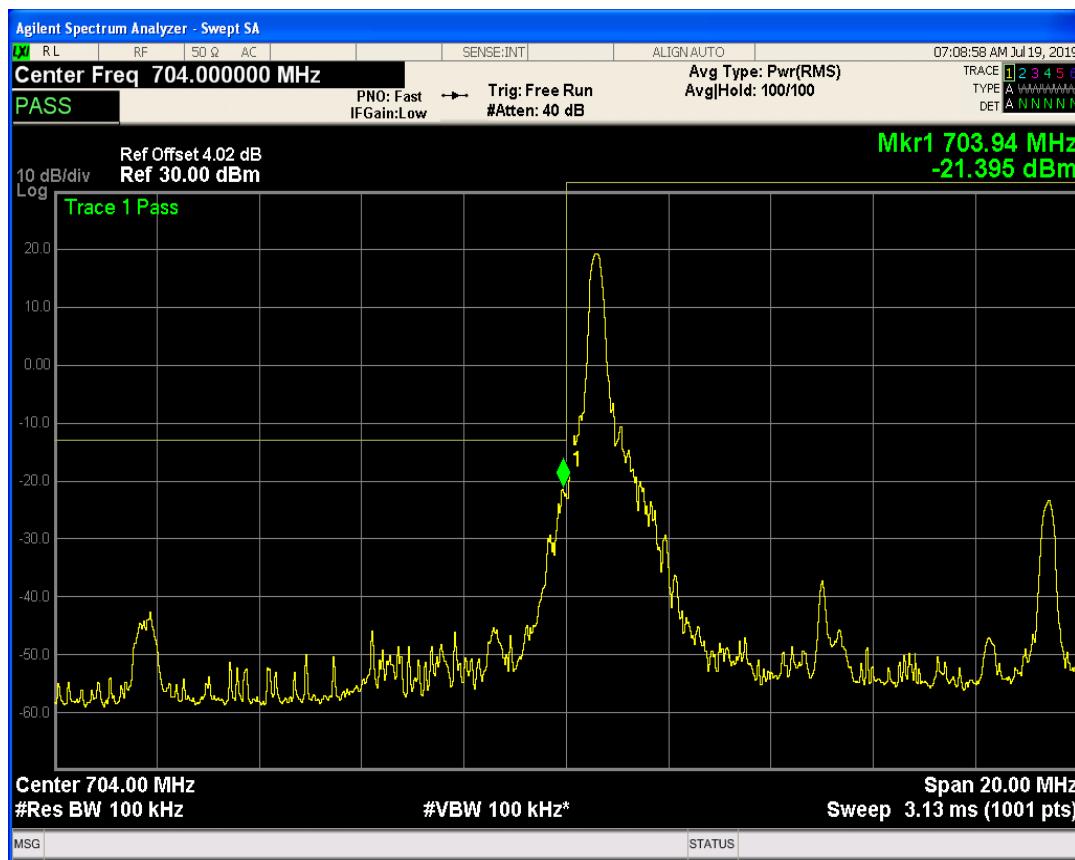
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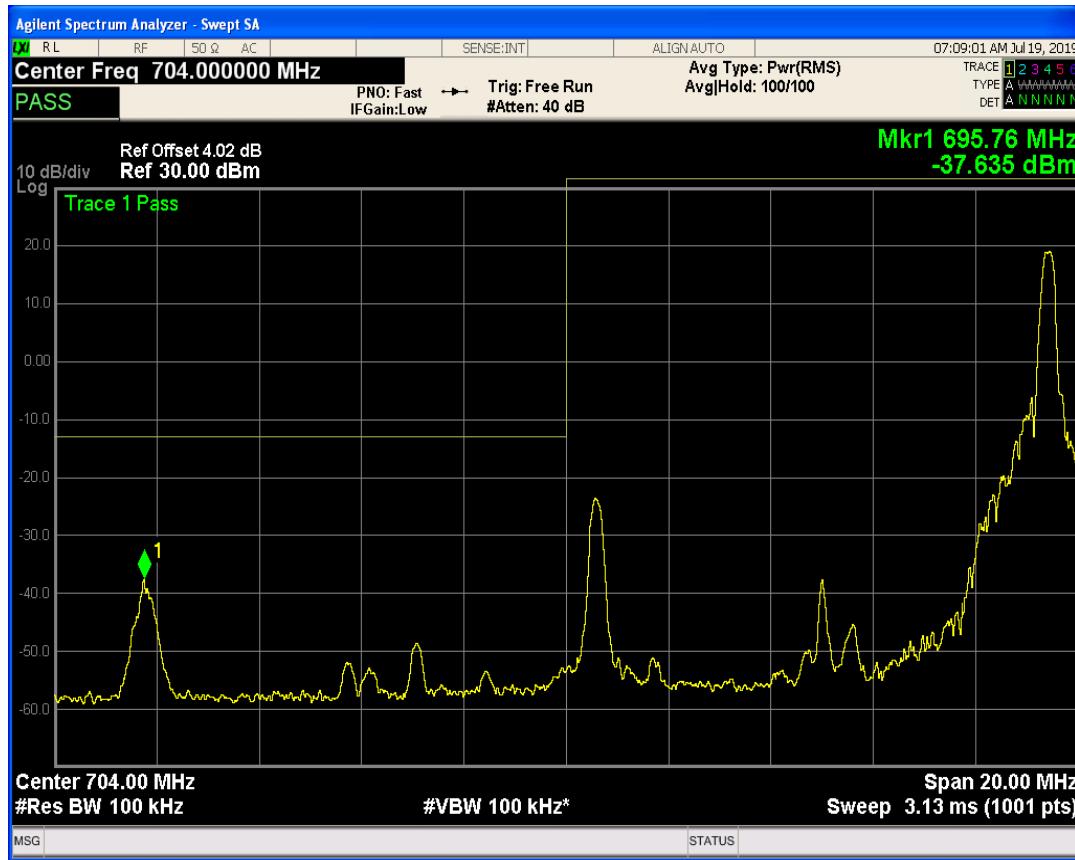
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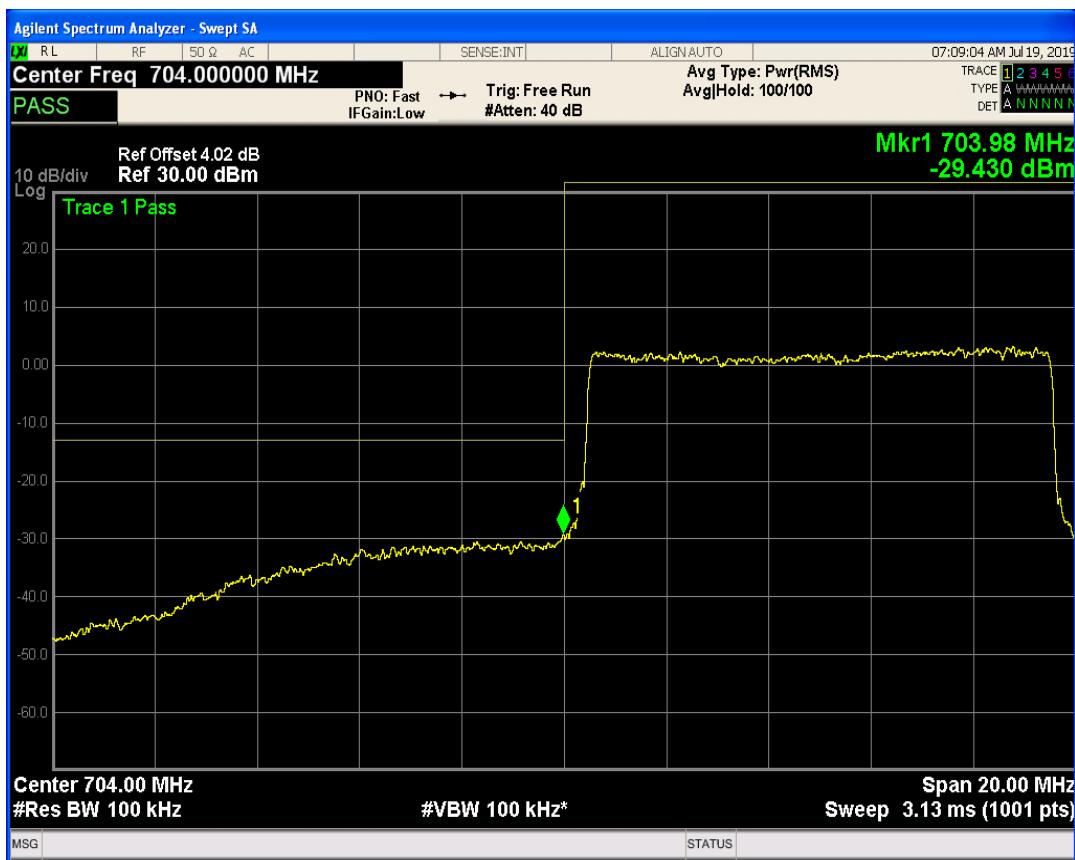
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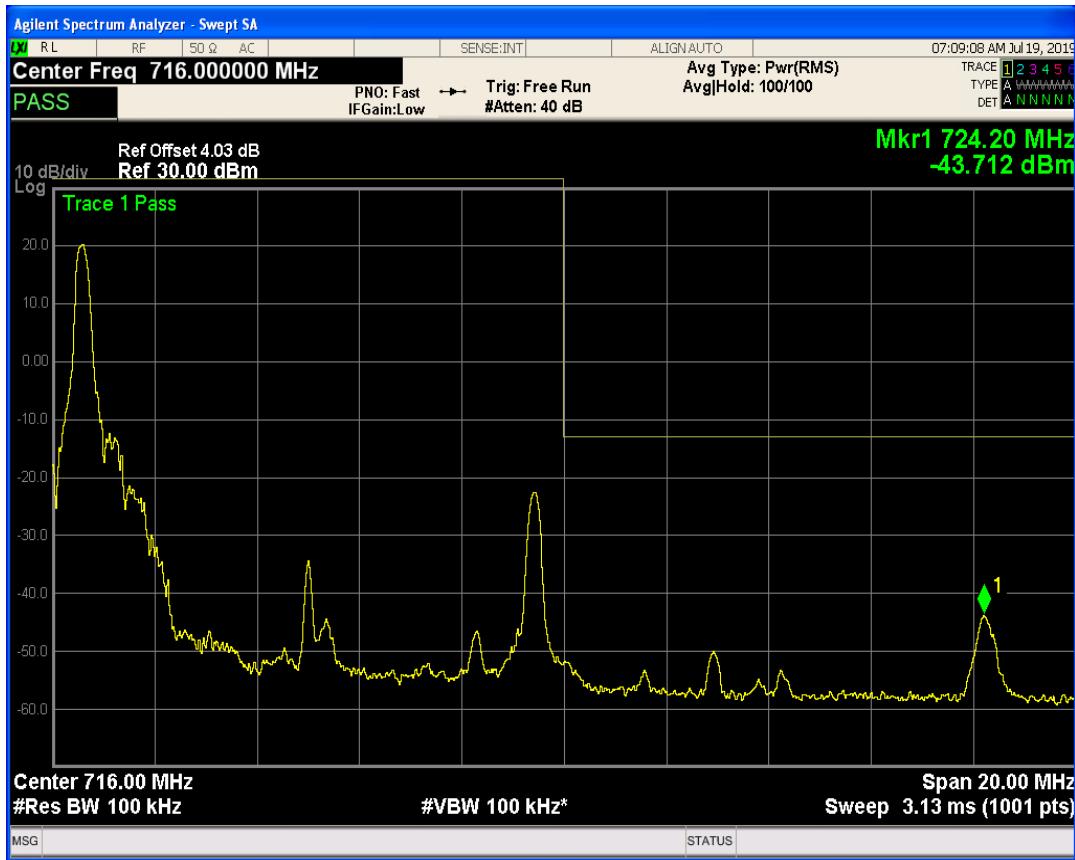
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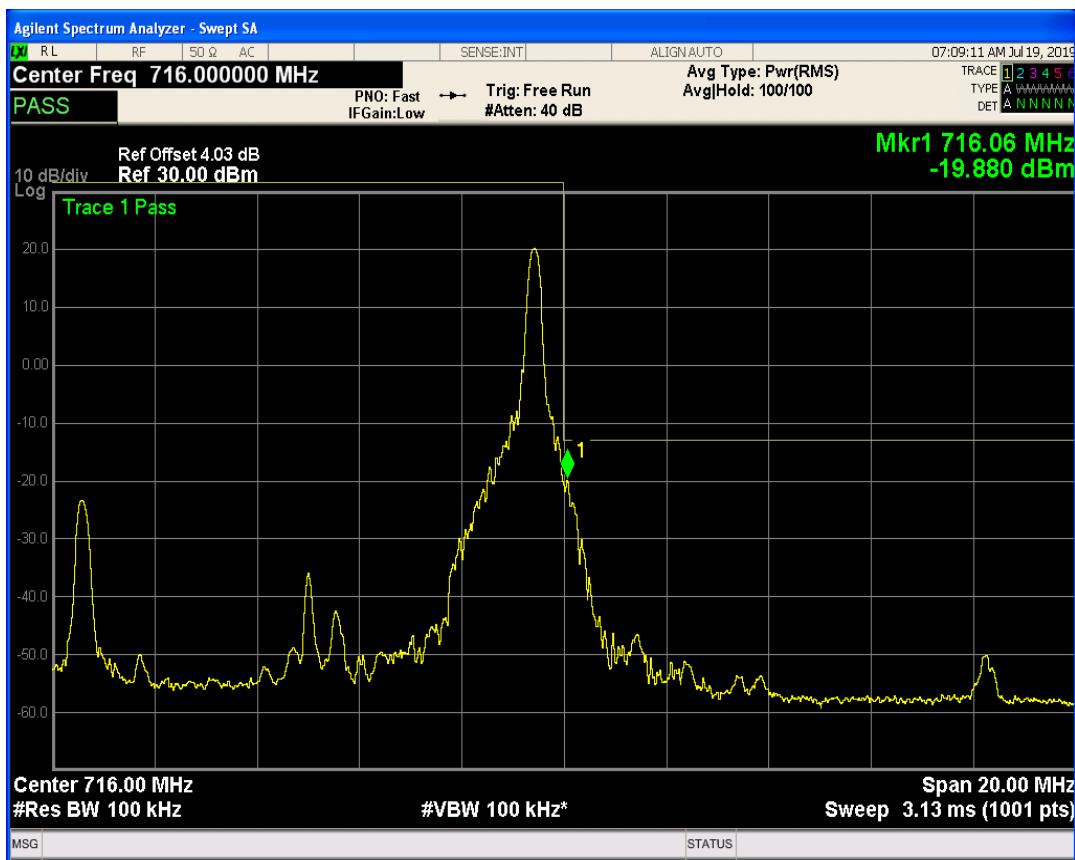
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LTE Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



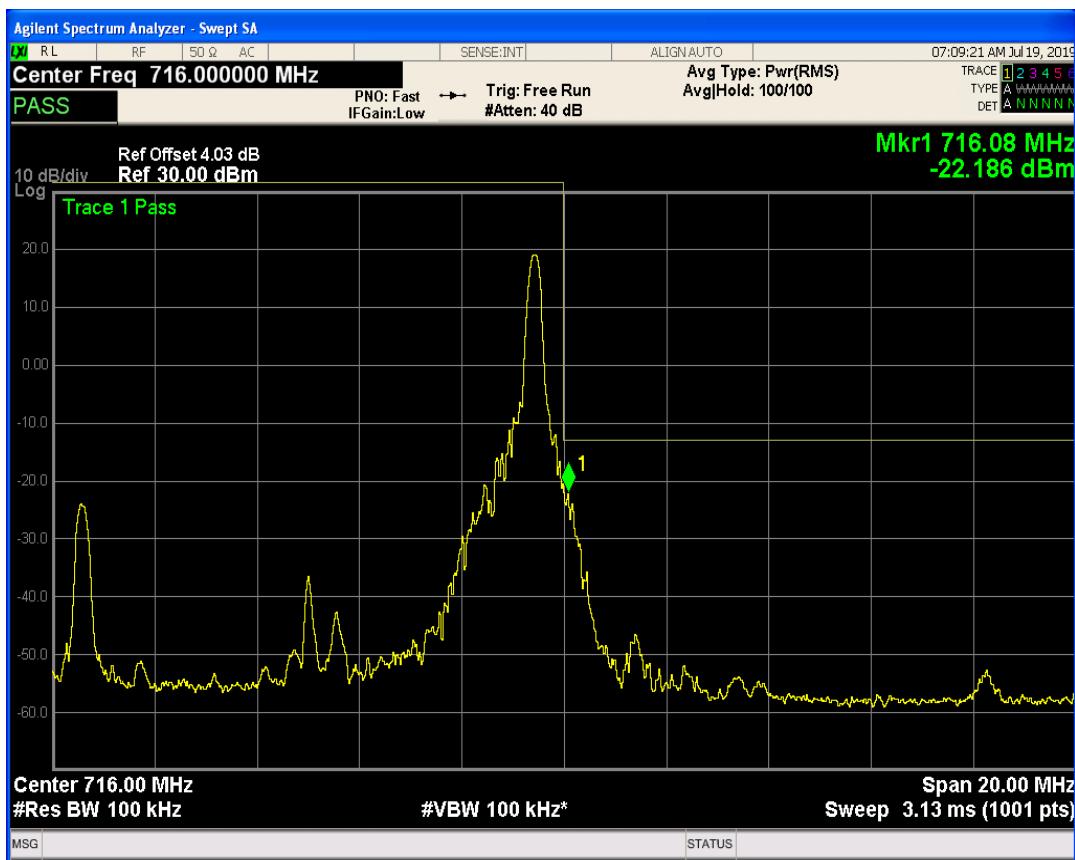
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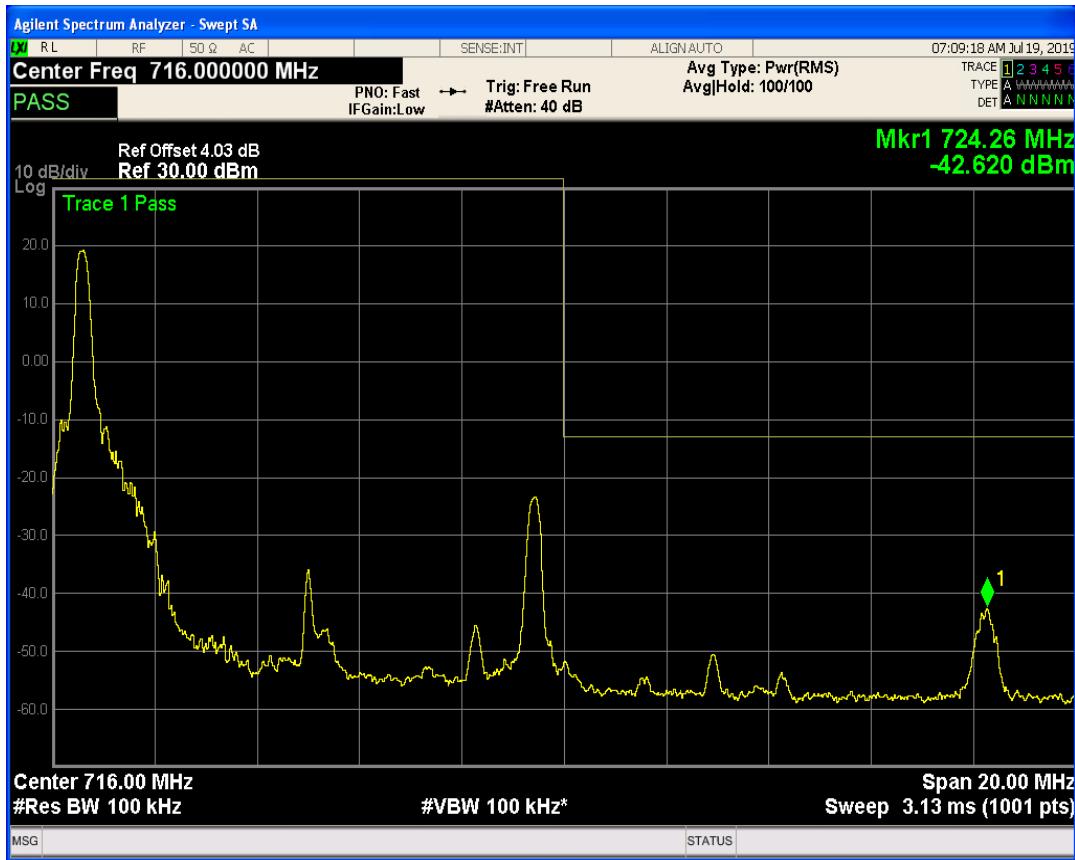
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LTE Band17 QAM16 BW=10MHz Channel=23800 RB Size=1 Position=#Max



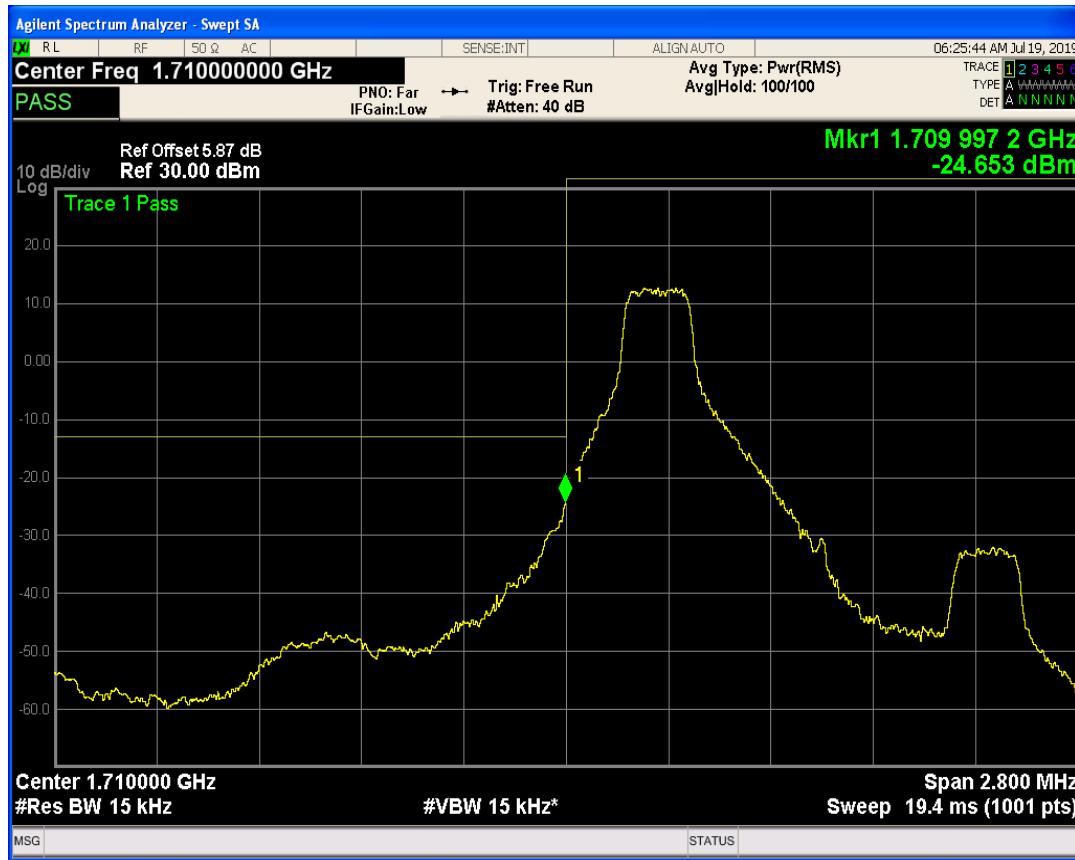
LTE Band17 QAM16 BW=10MHz Channel=23800 RB Size=1 Position=#0



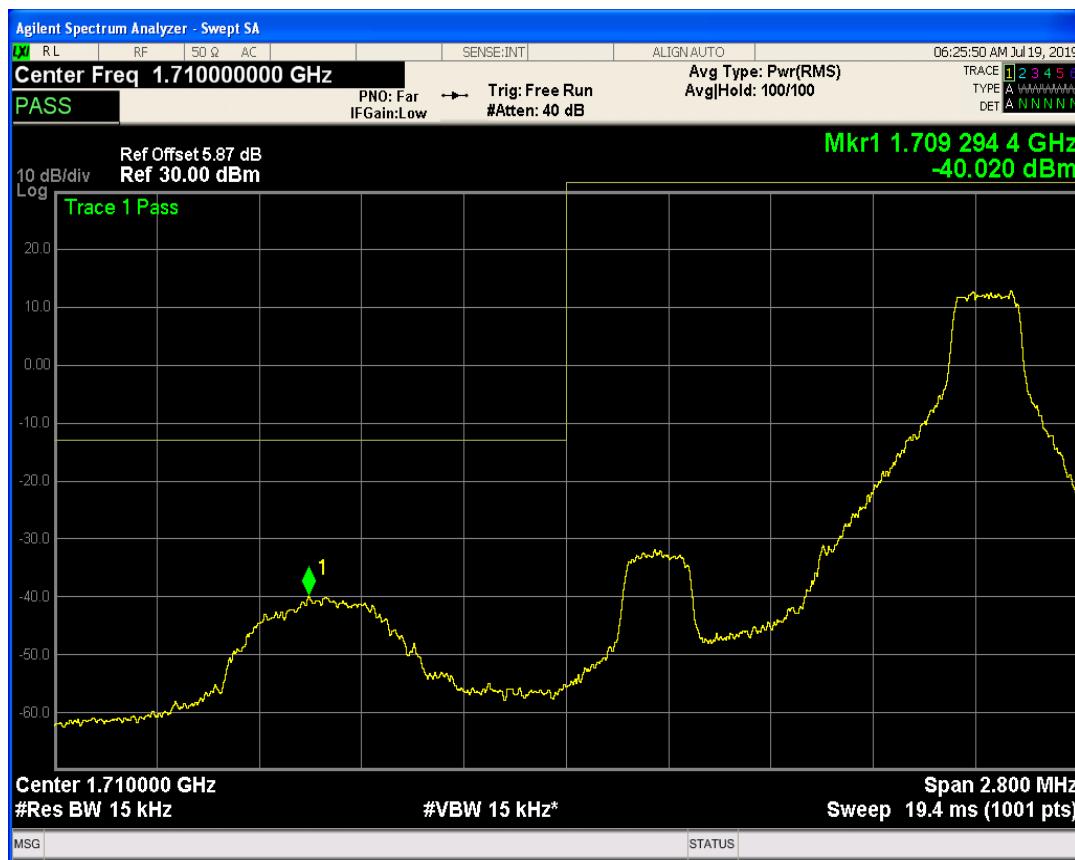
LTE Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0



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



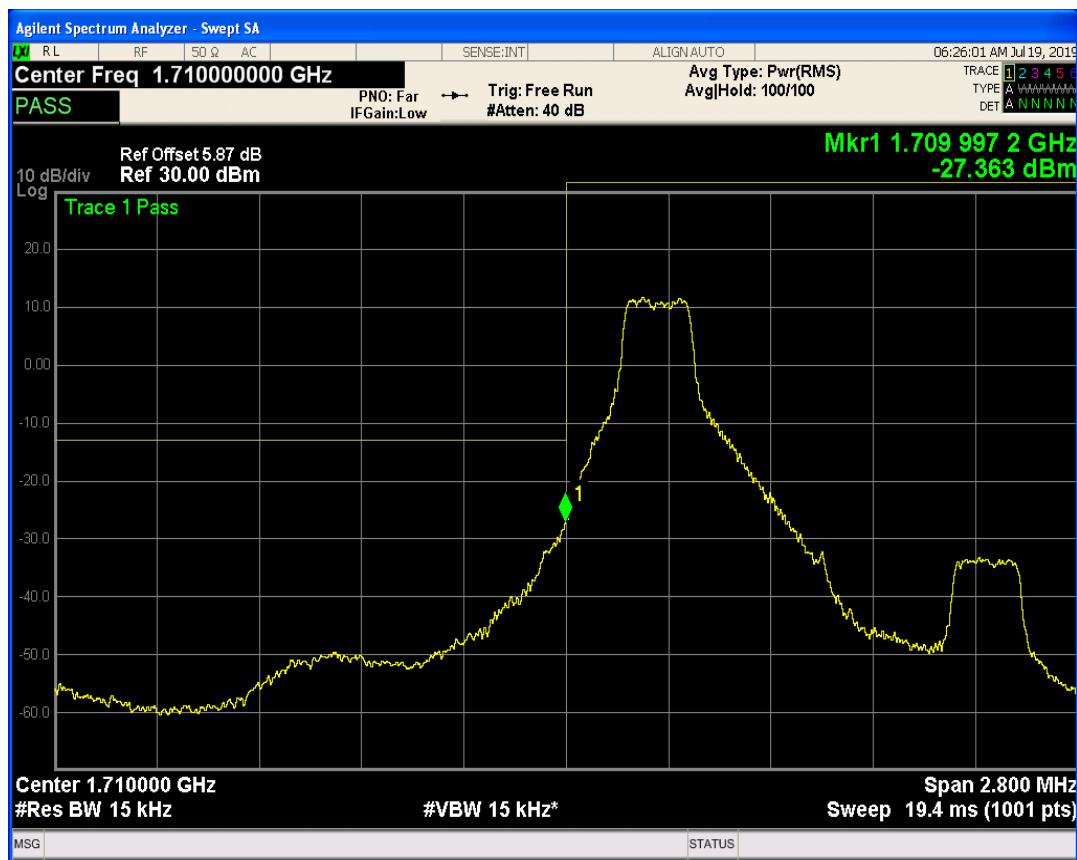
LTE Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#Max



LTE Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



LTE Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



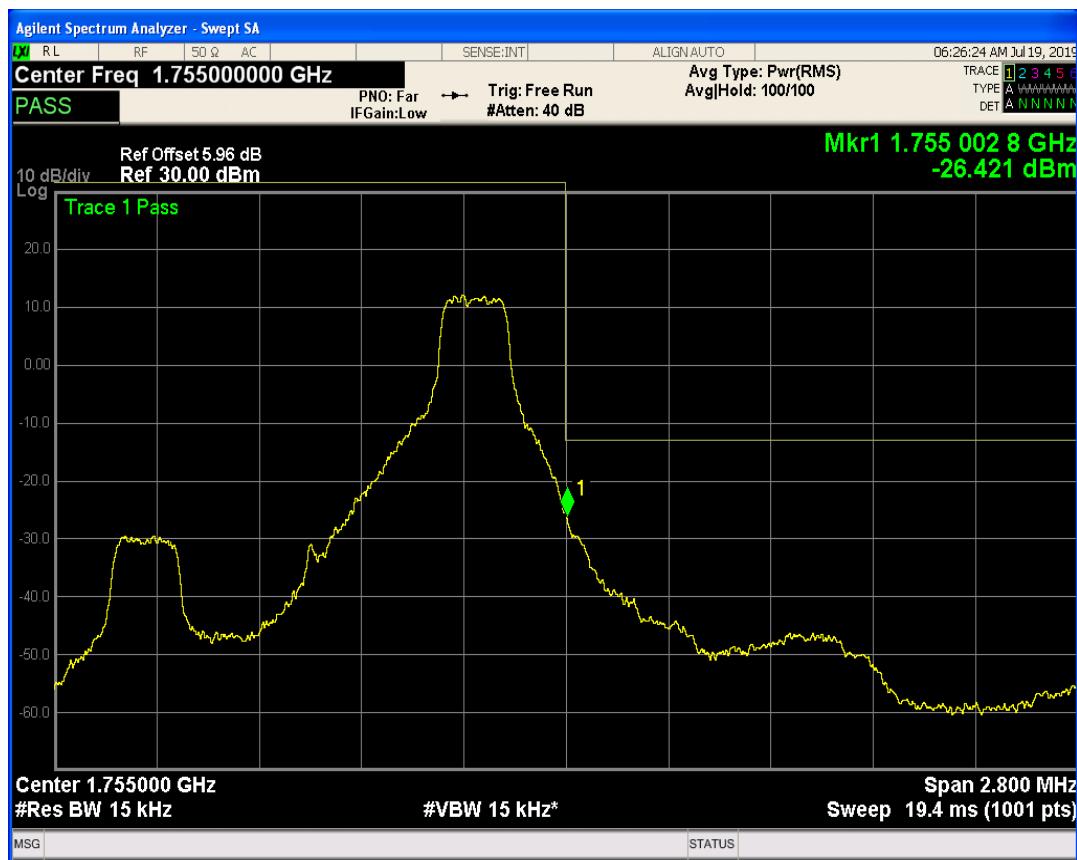
## LTE Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=1 Position=#Max



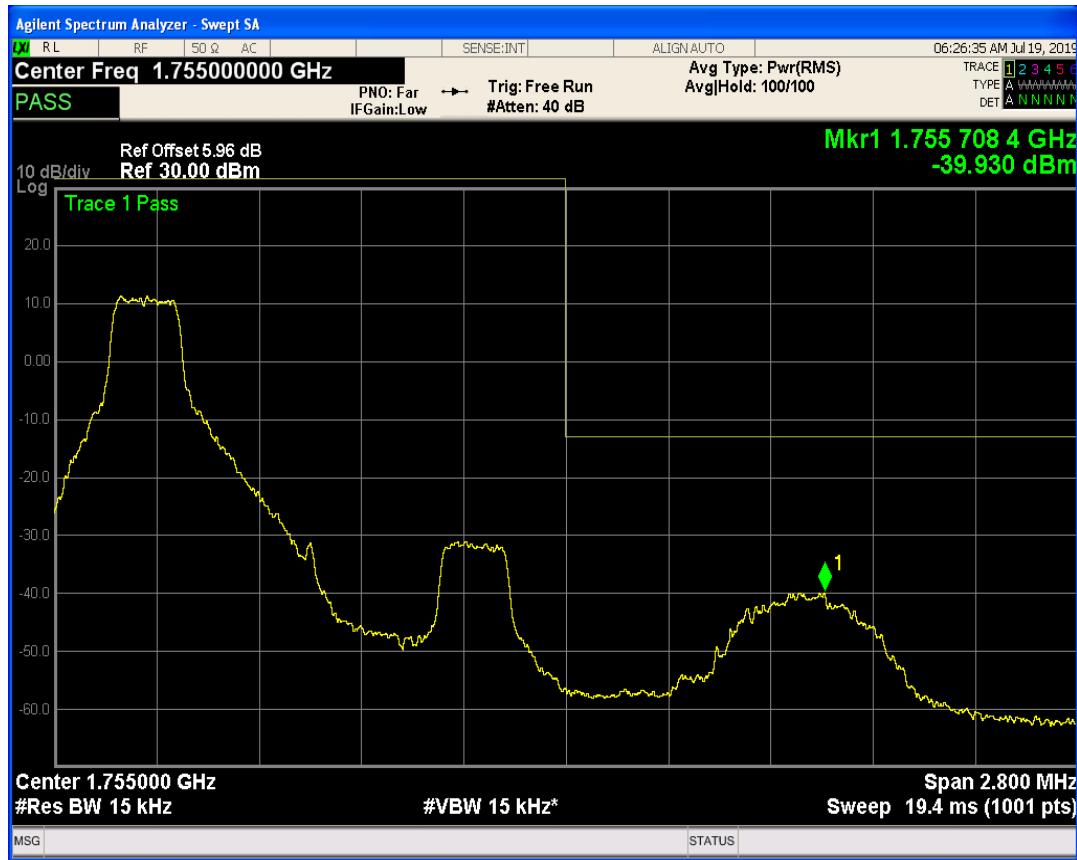
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LTE Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#Max



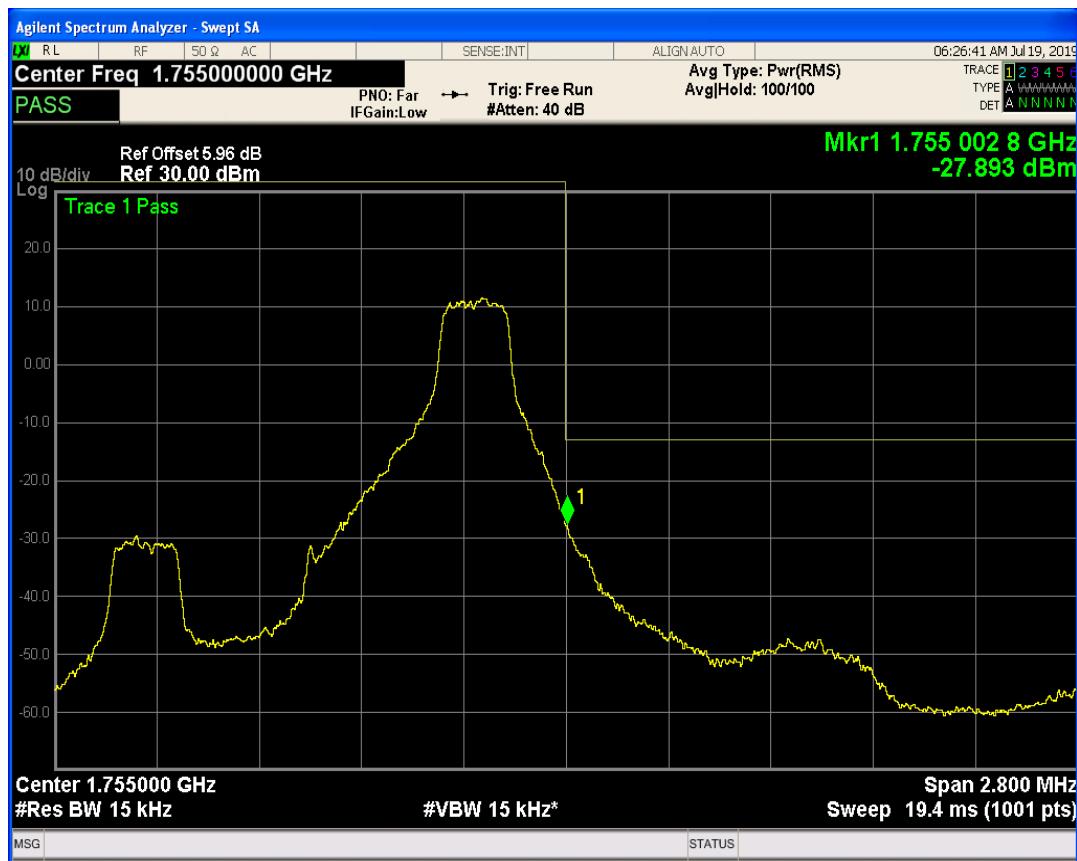
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LTE Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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



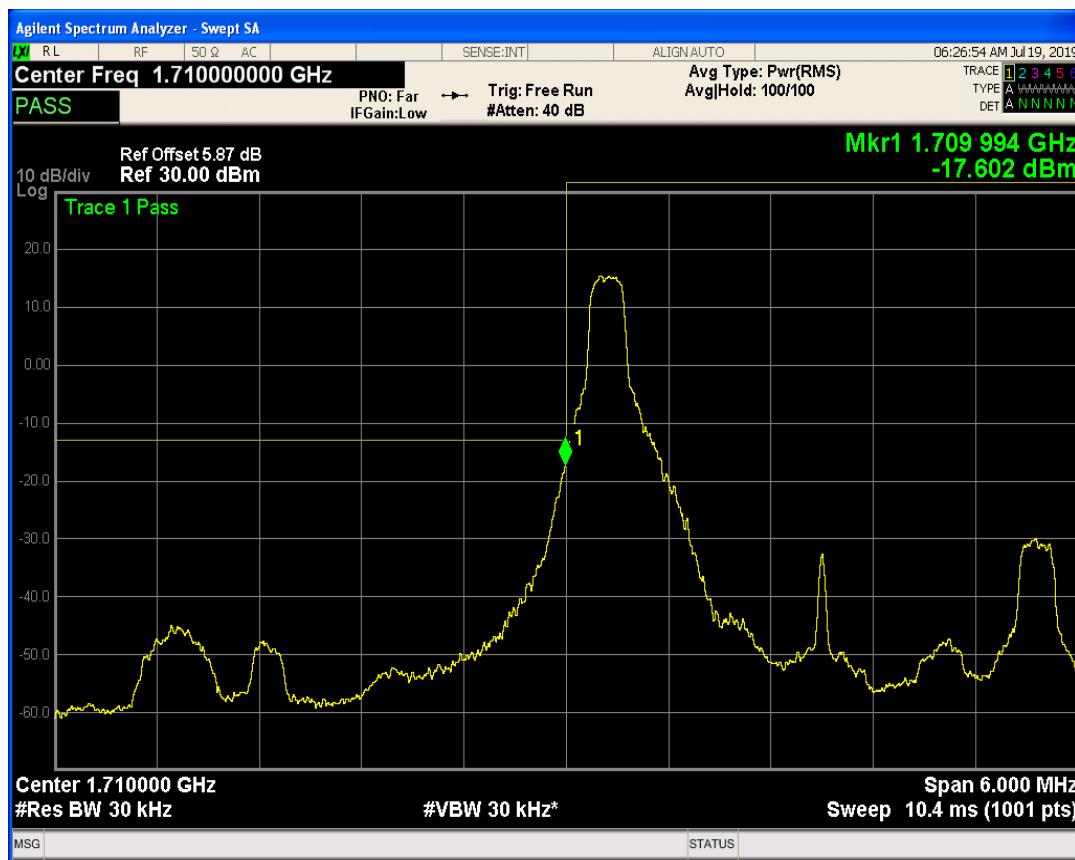
LTE Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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



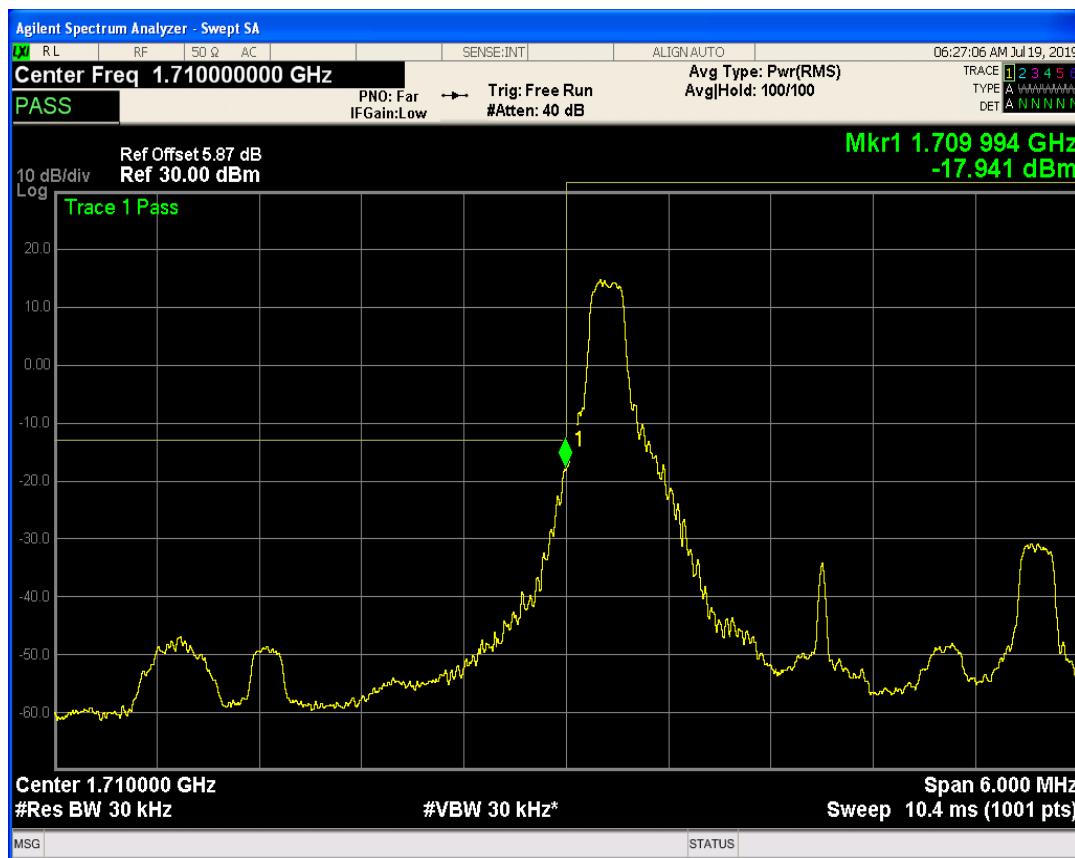
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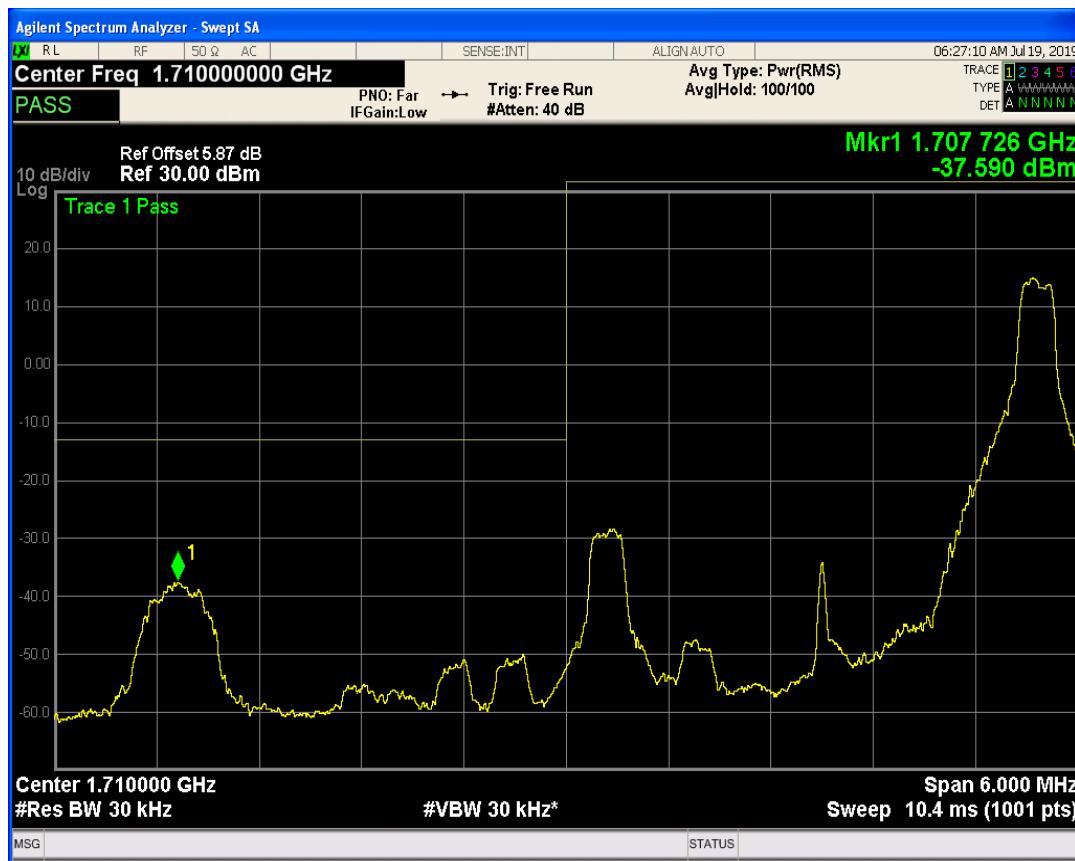
LTE Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



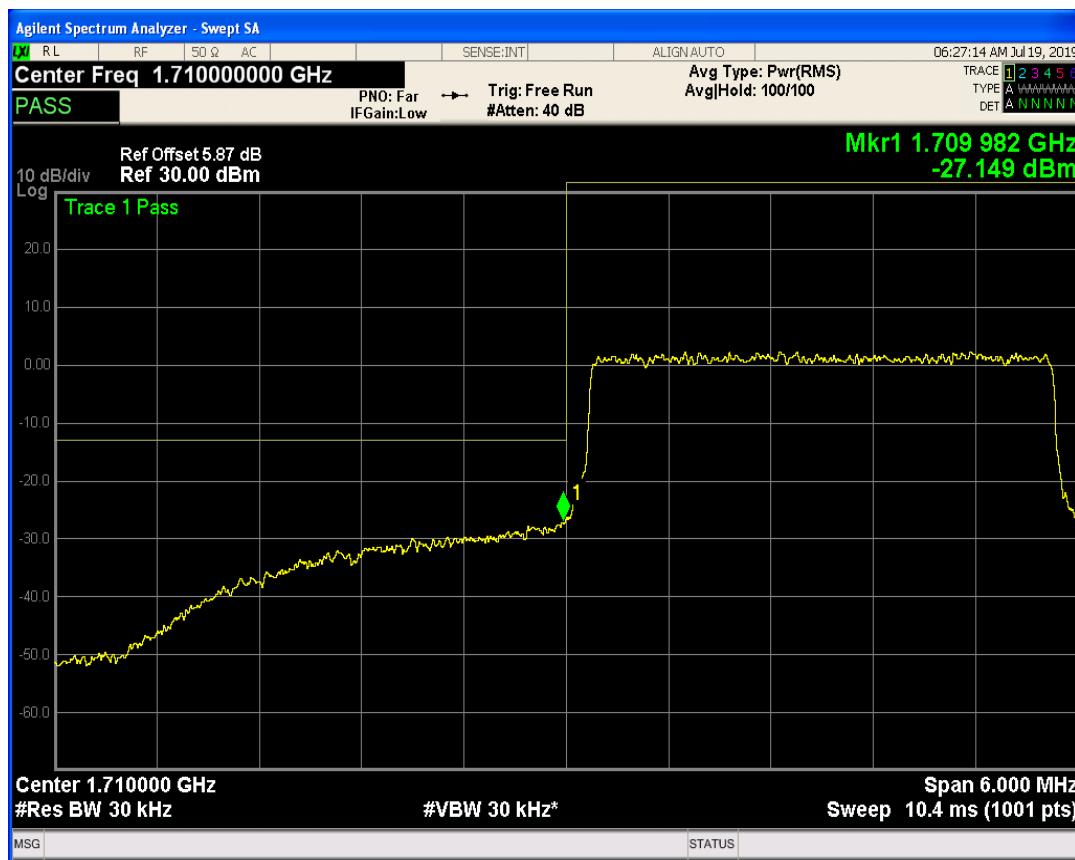
LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=1 Position=#0



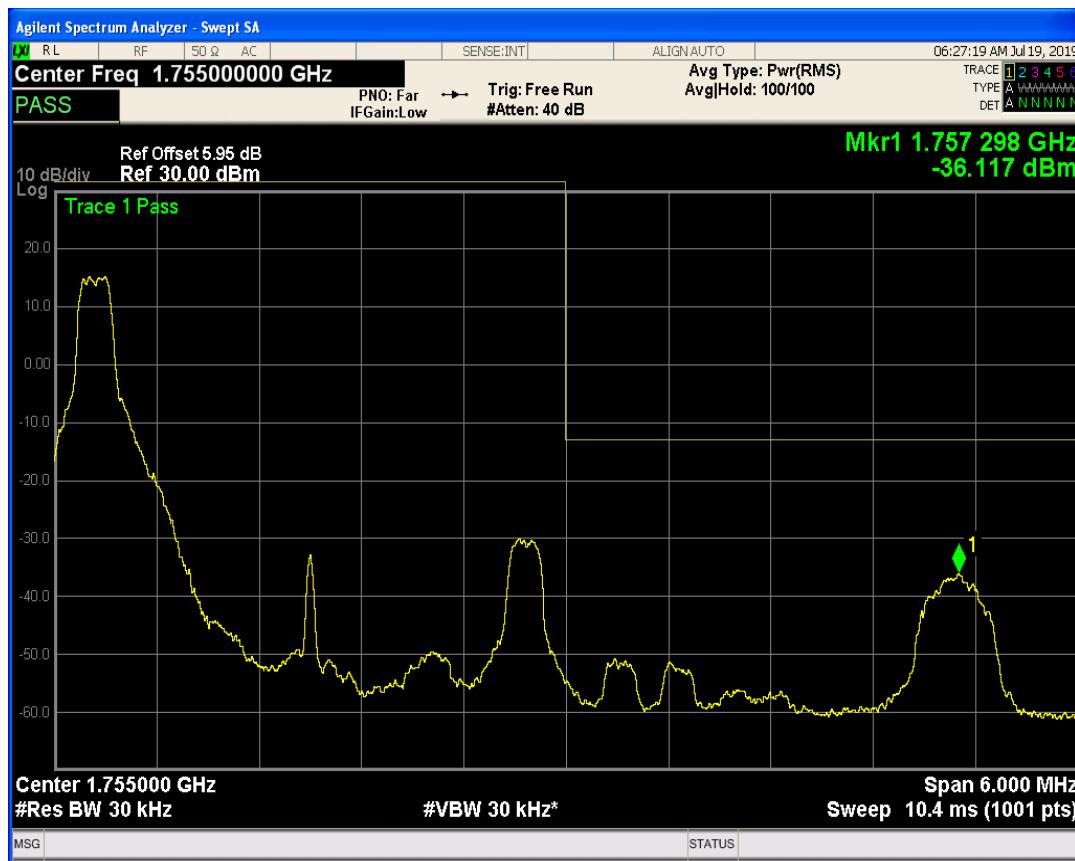
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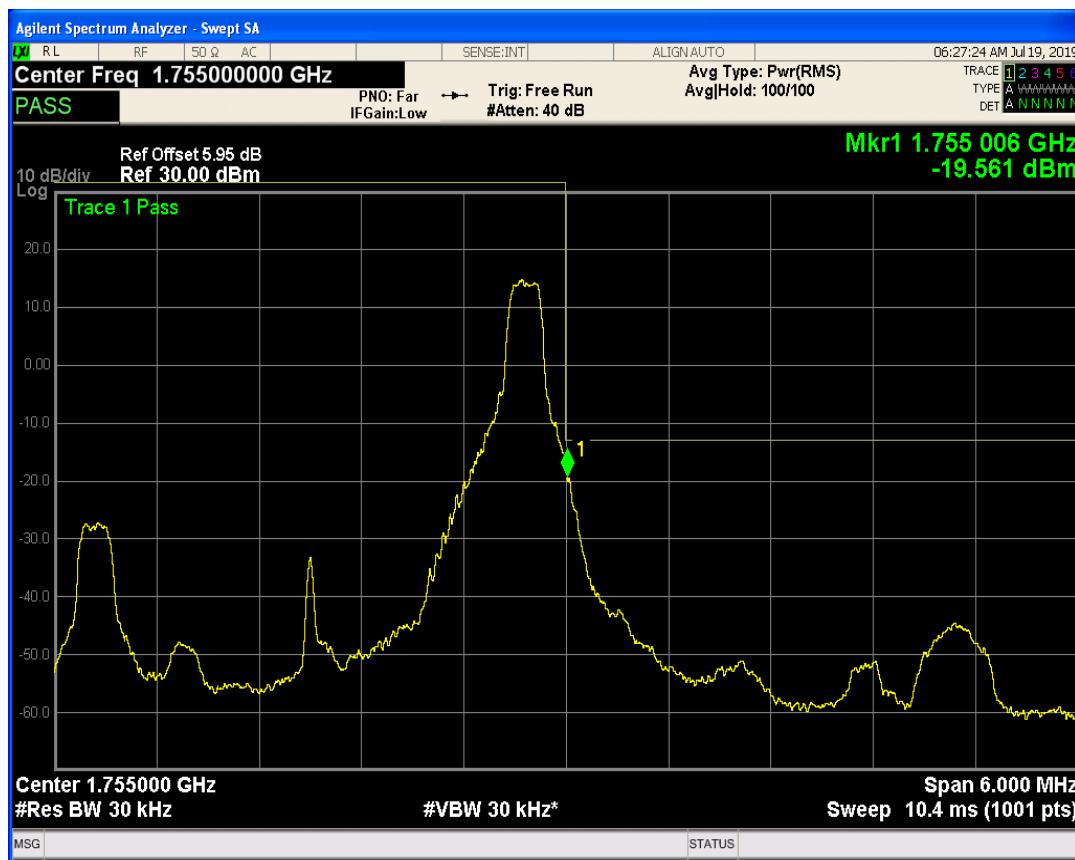
LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



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



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



LTE Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



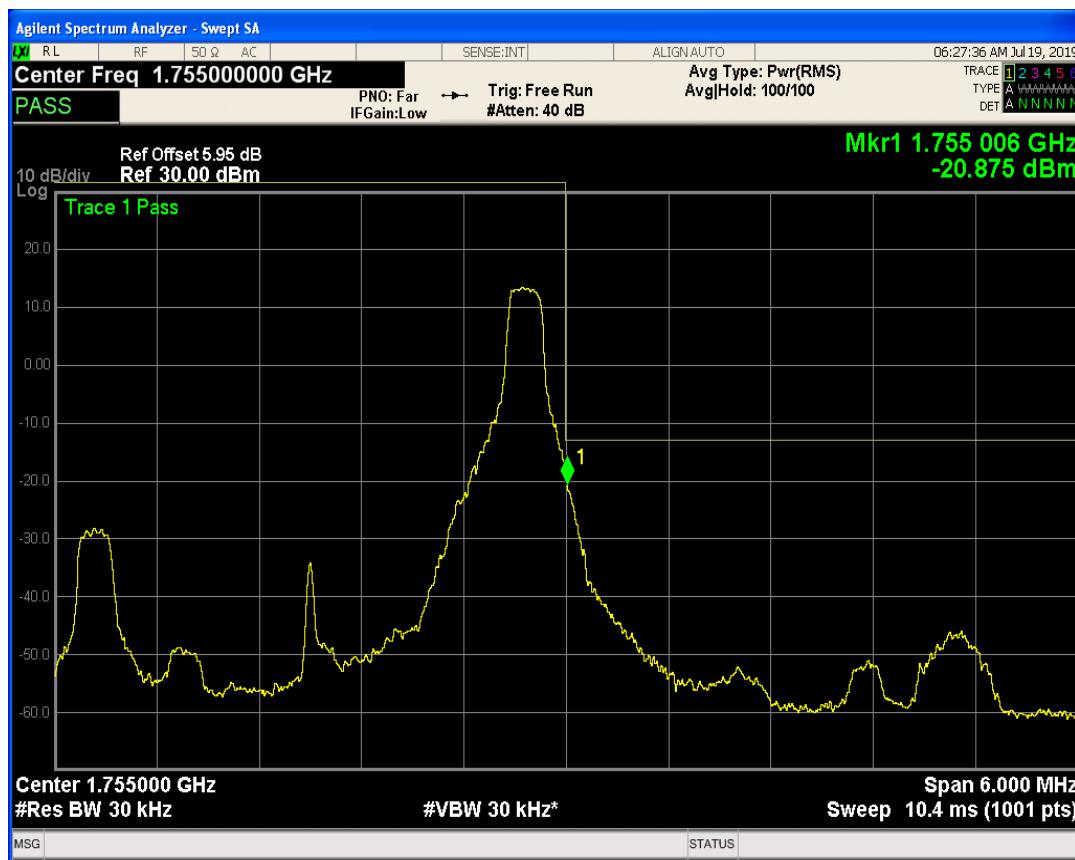
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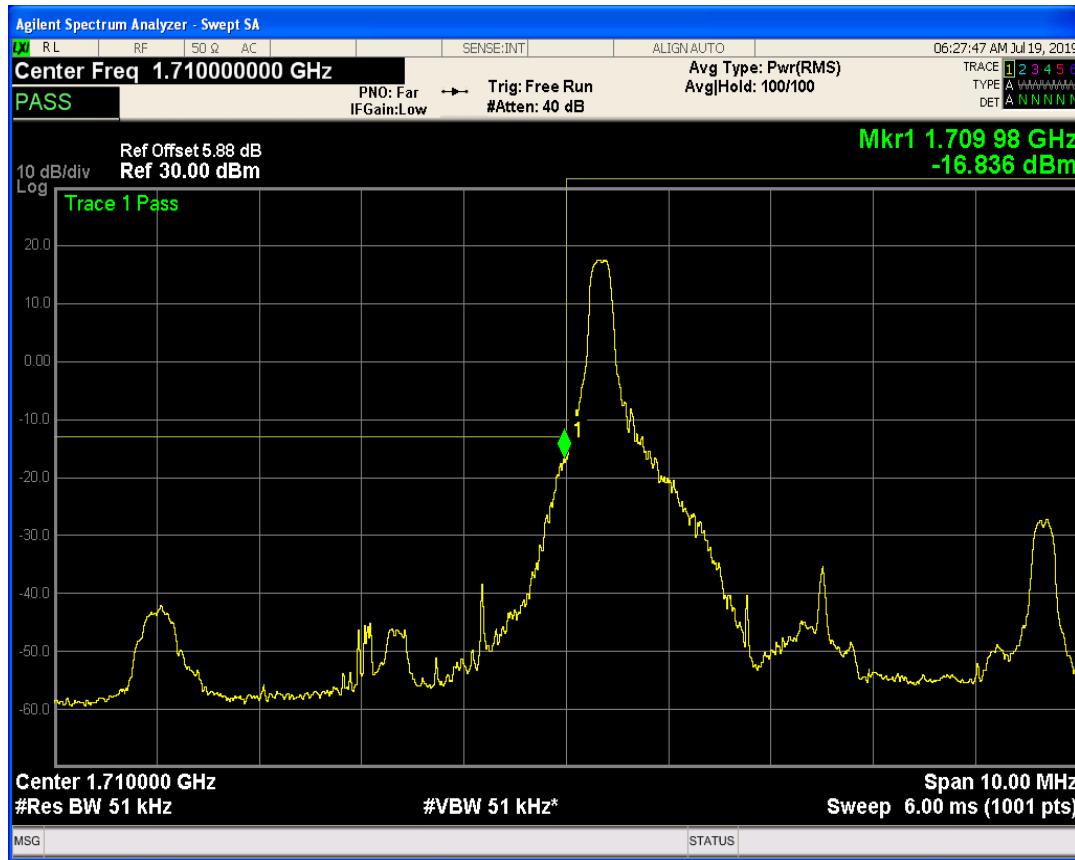
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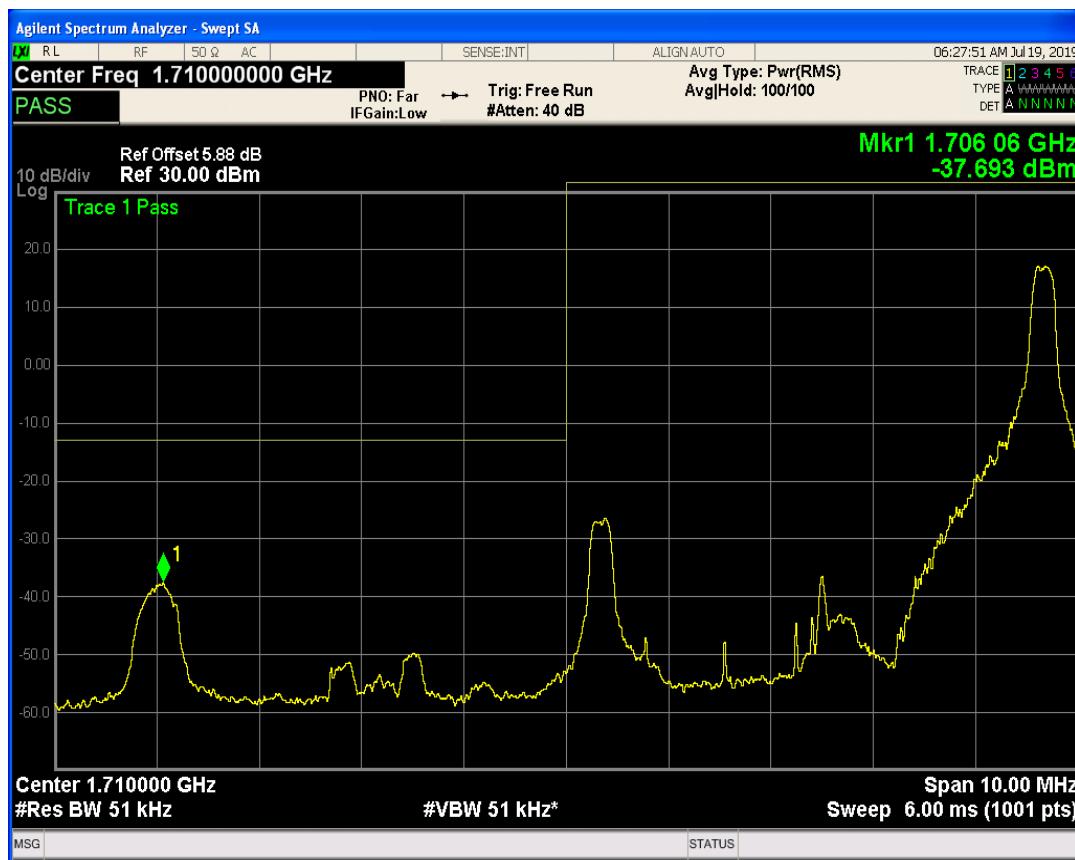
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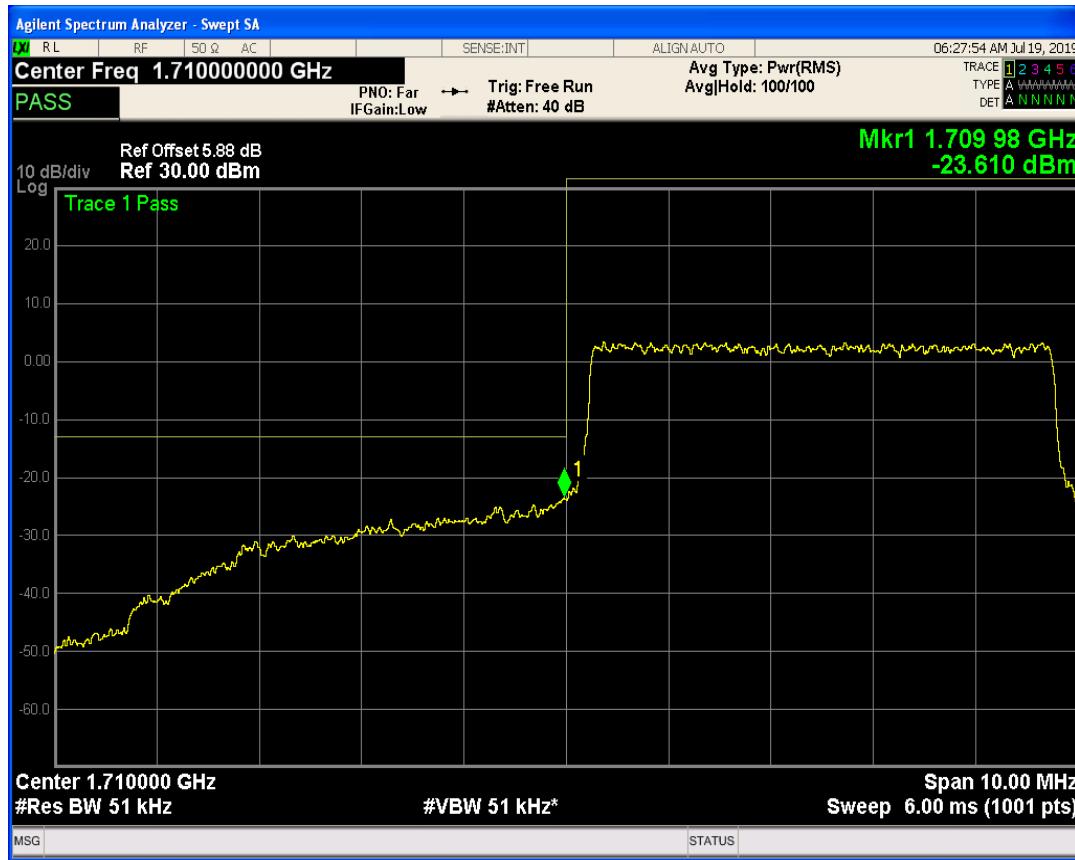
LTE Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



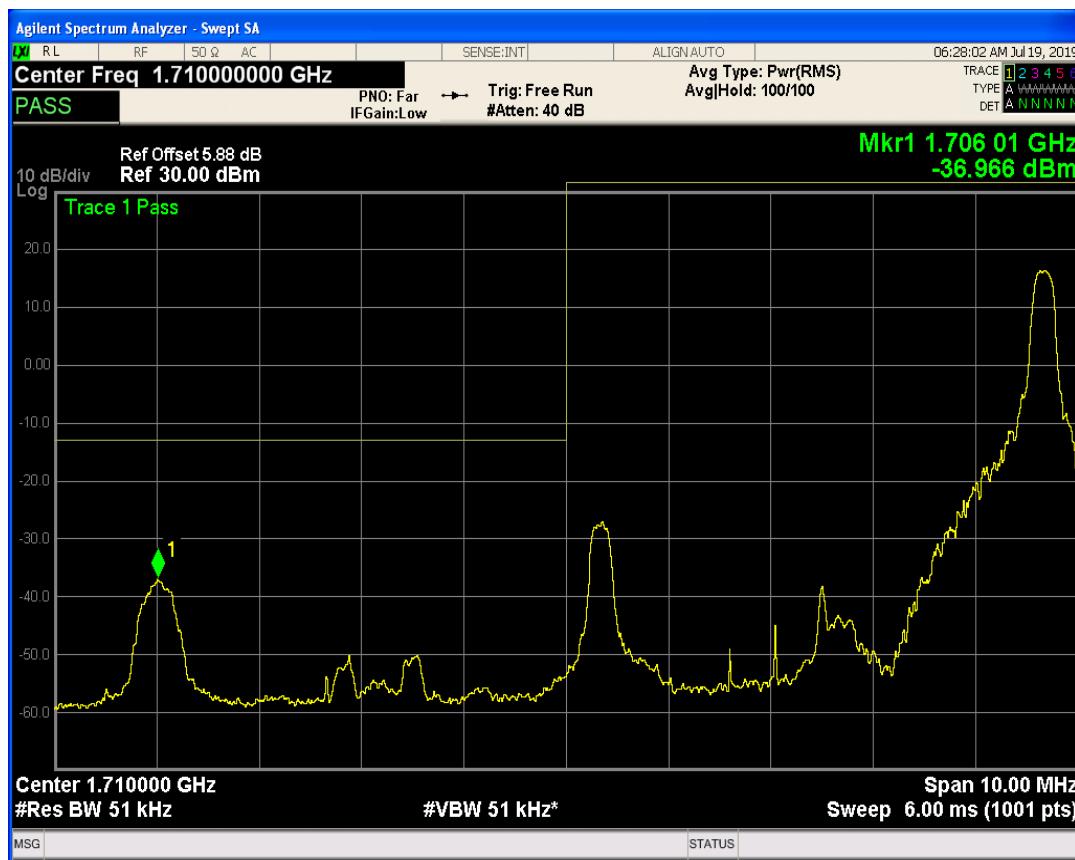
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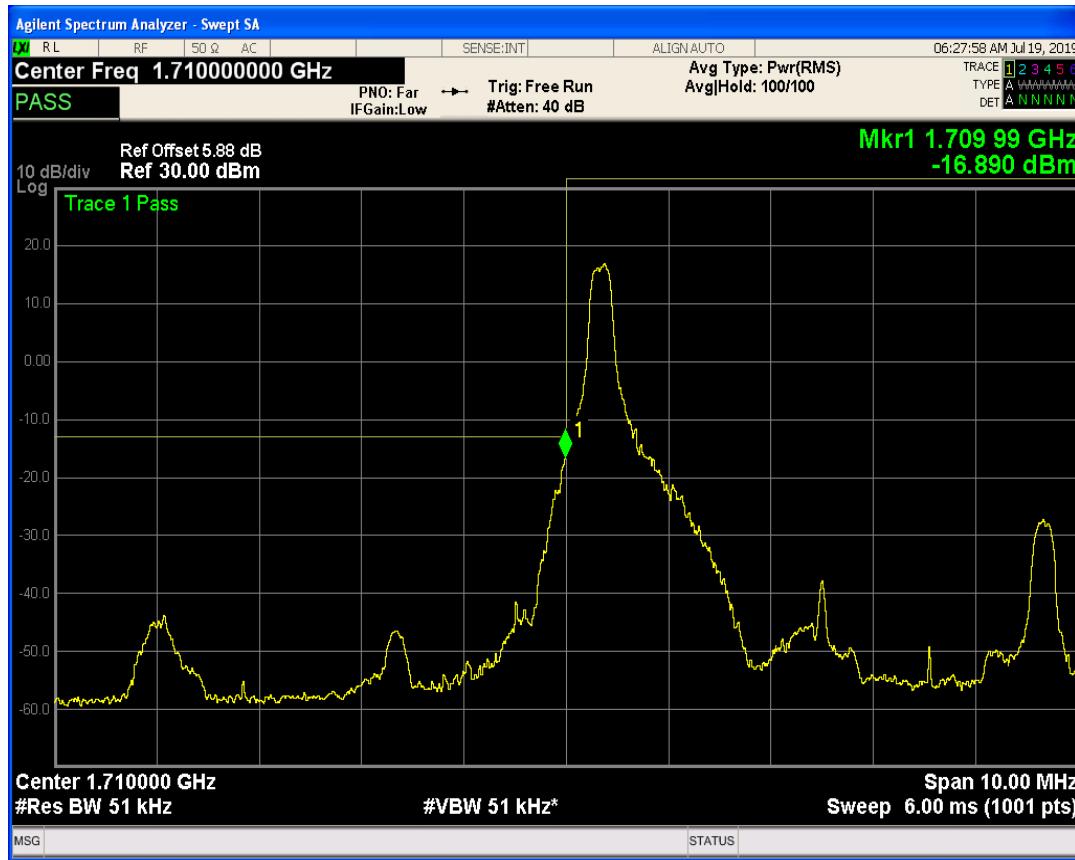
LTE Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



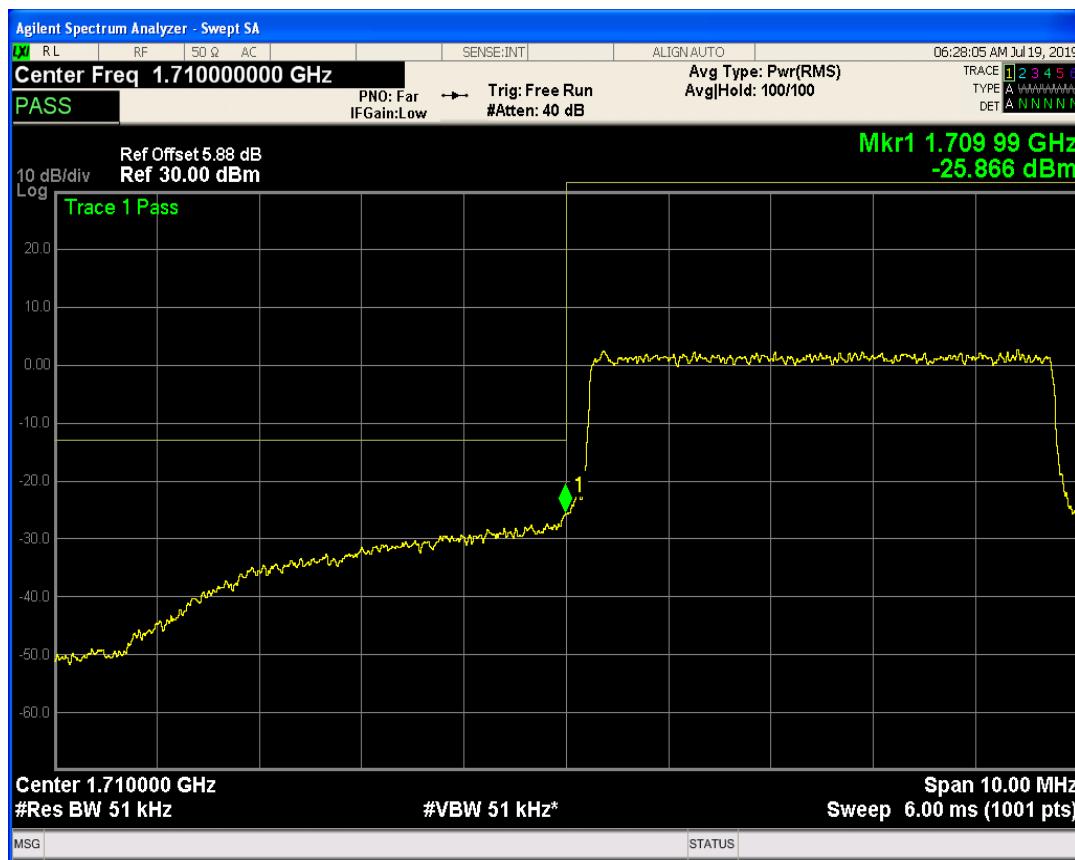
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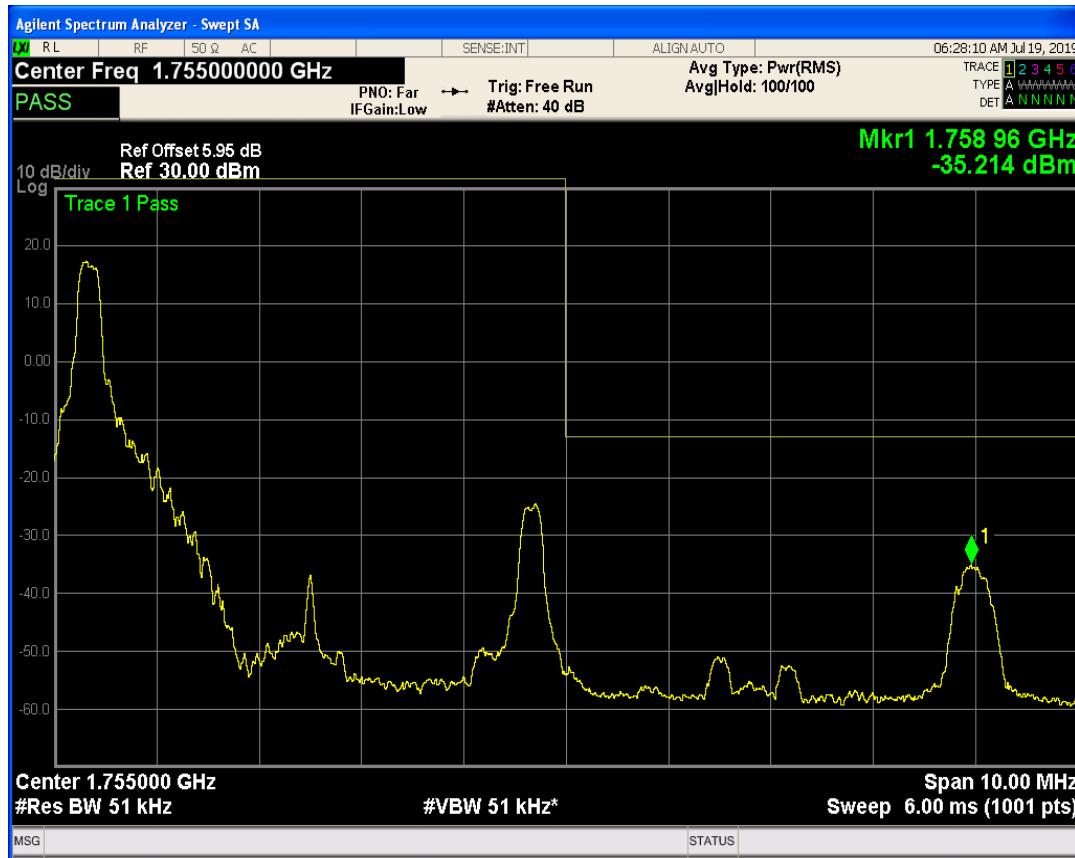
LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=1 Position=#0



LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



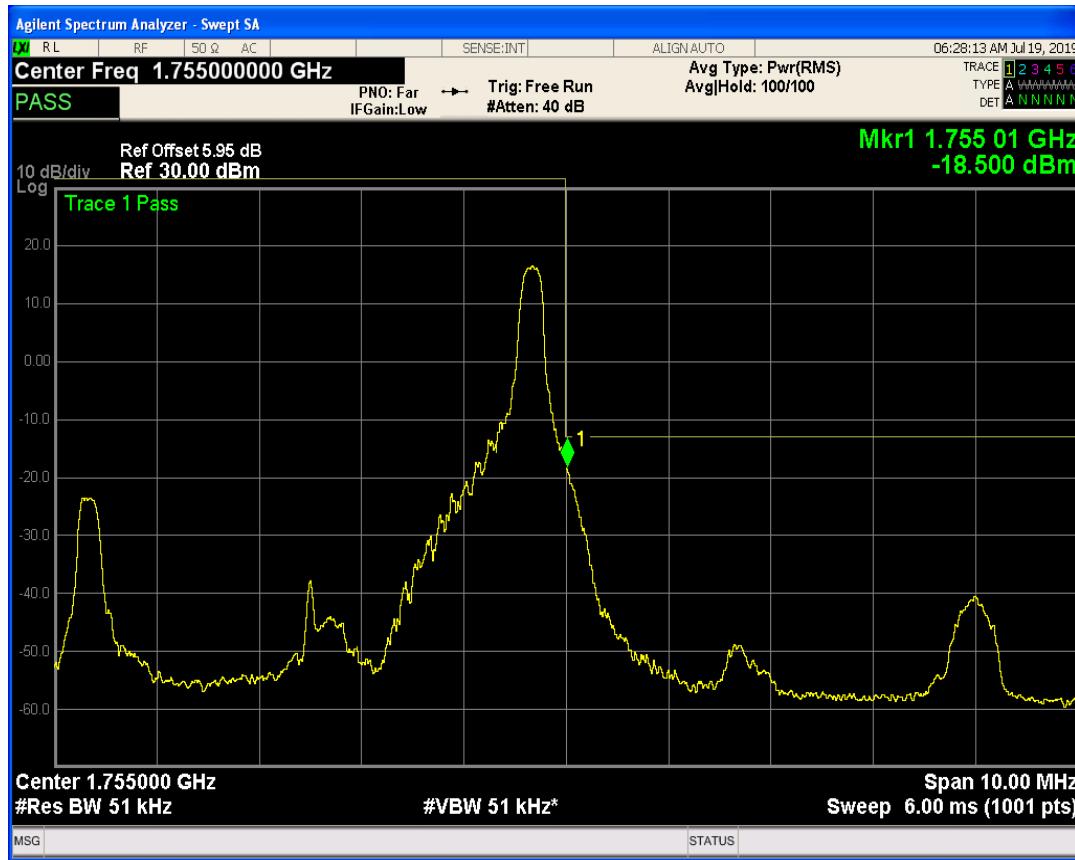
LTE Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



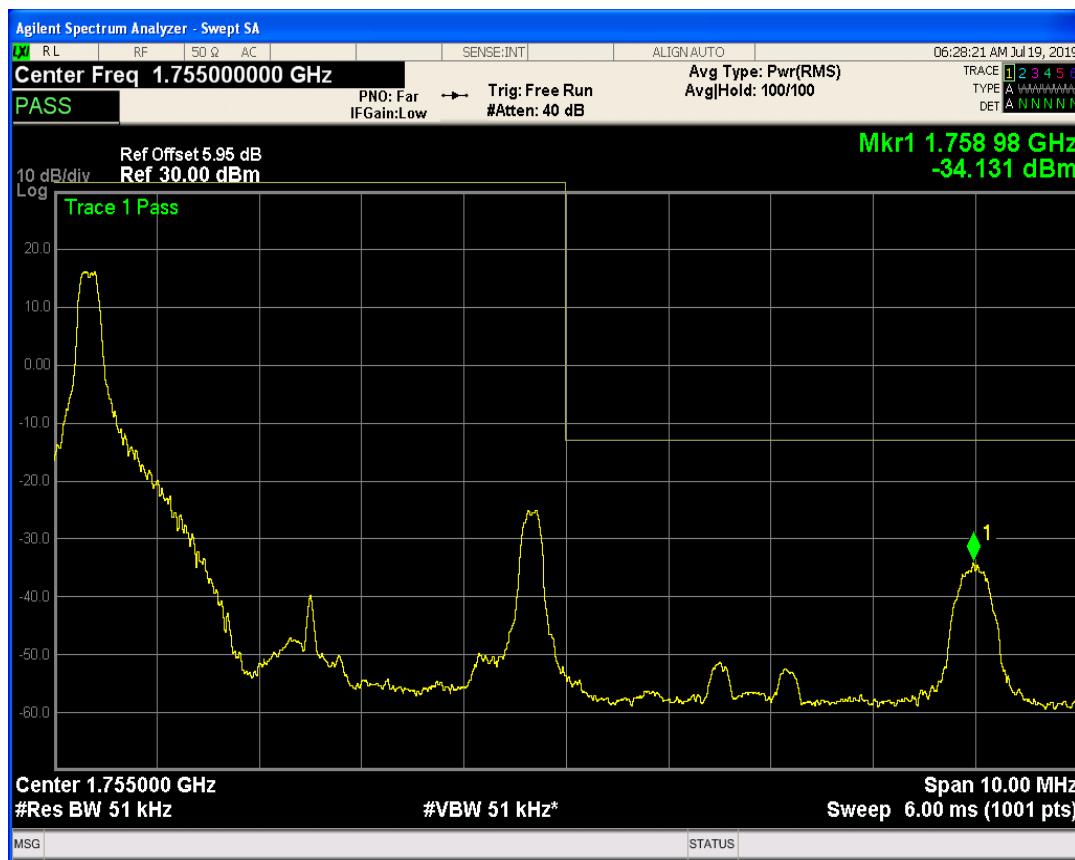
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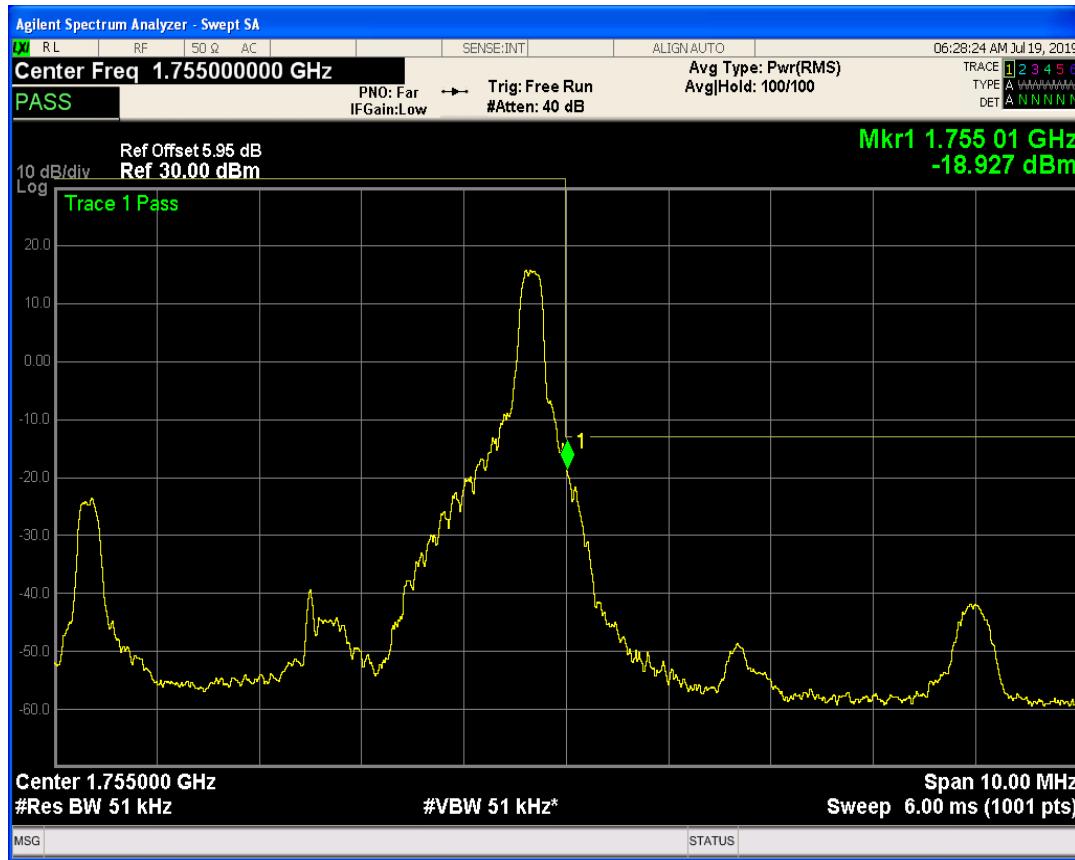
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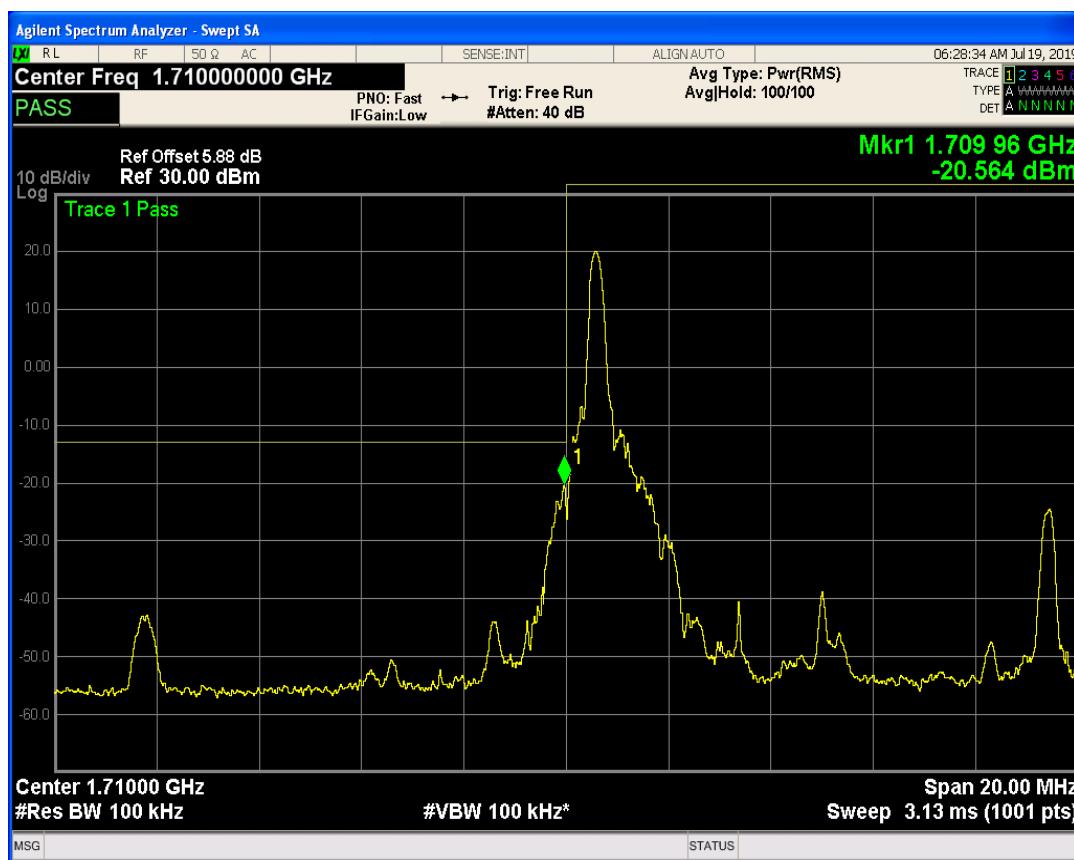
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LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=1 Position=#Max



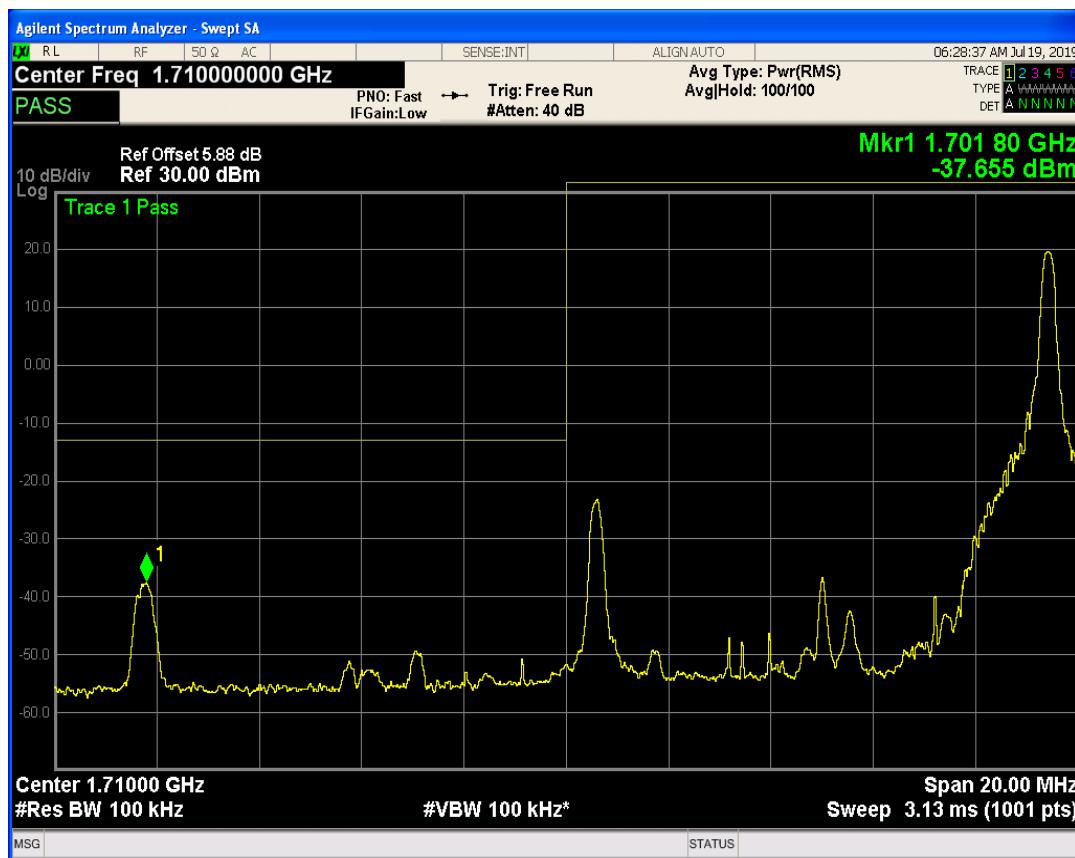
LTE Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



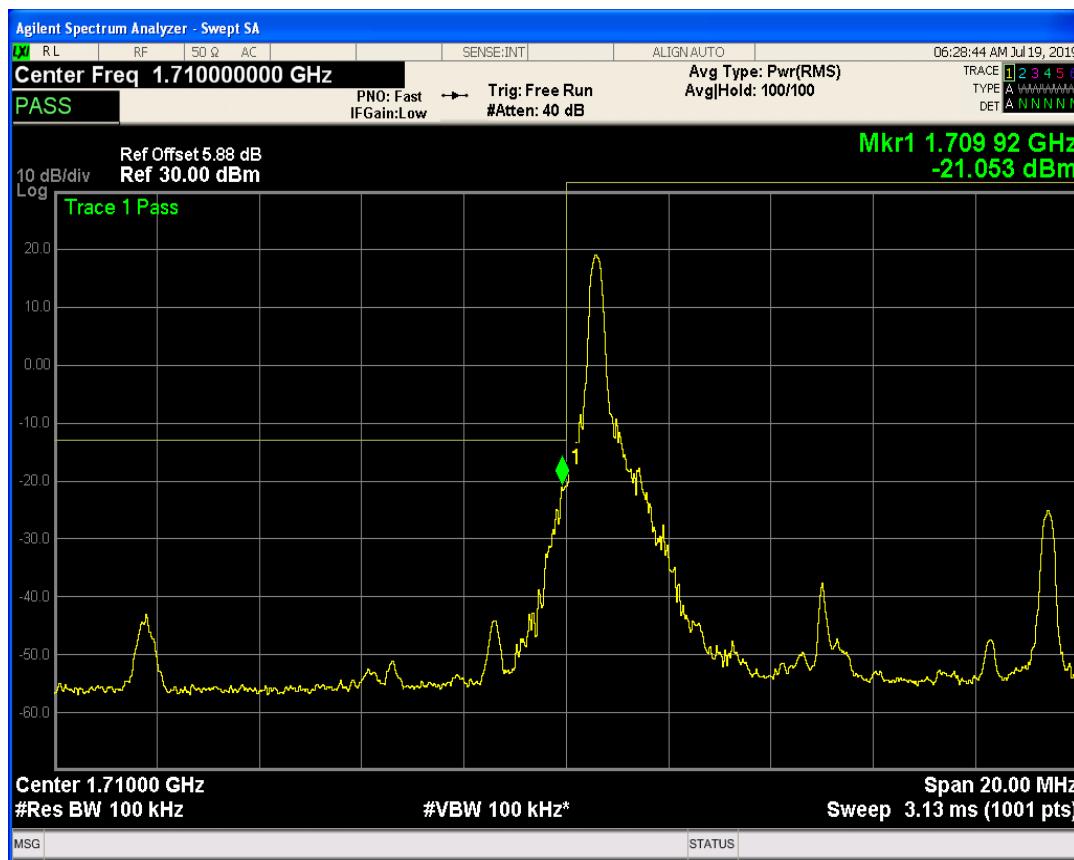
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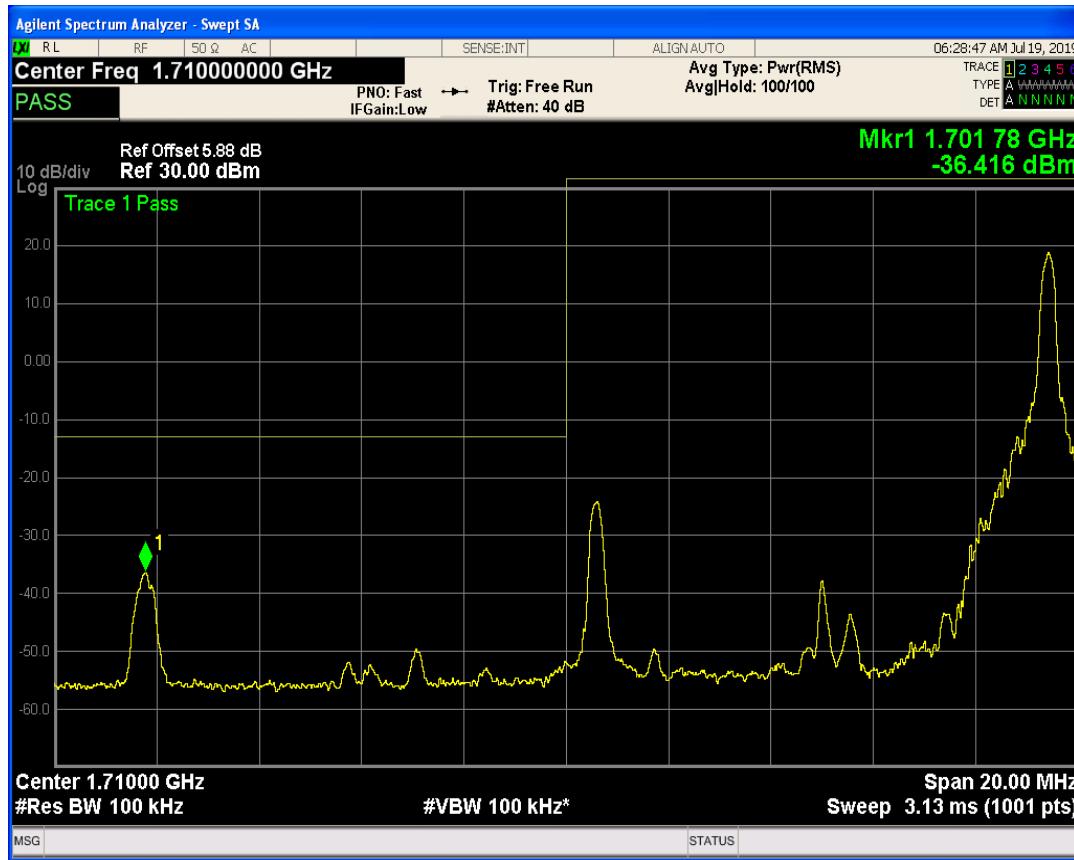
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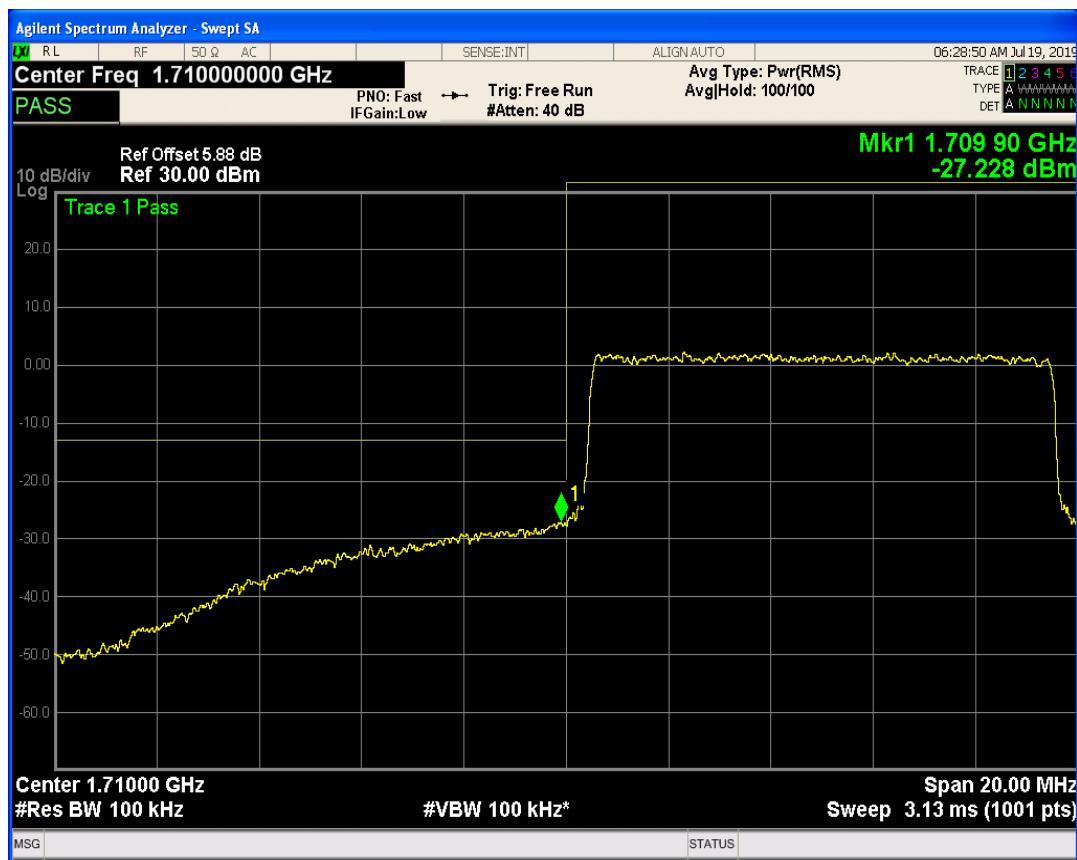
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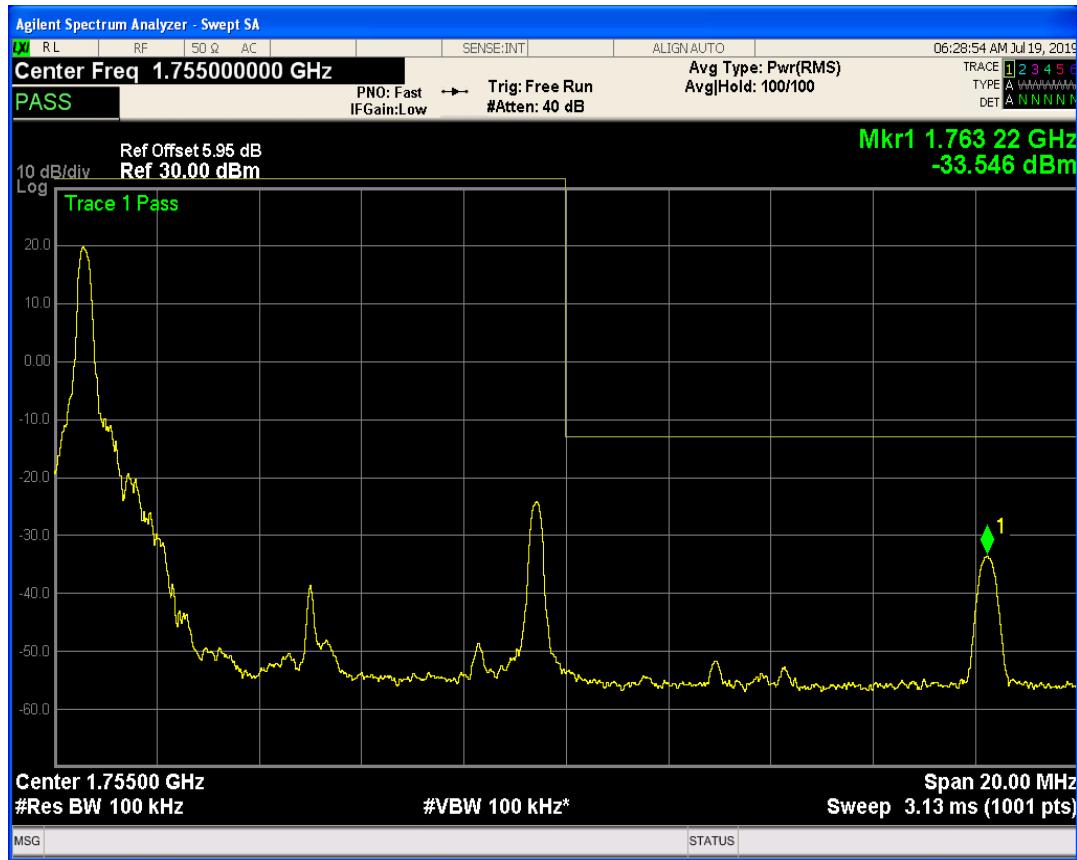
LTE Band4 QAM16 BW=10MHz Channel=20000 RB Size=1 Position=#Max



LTE Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



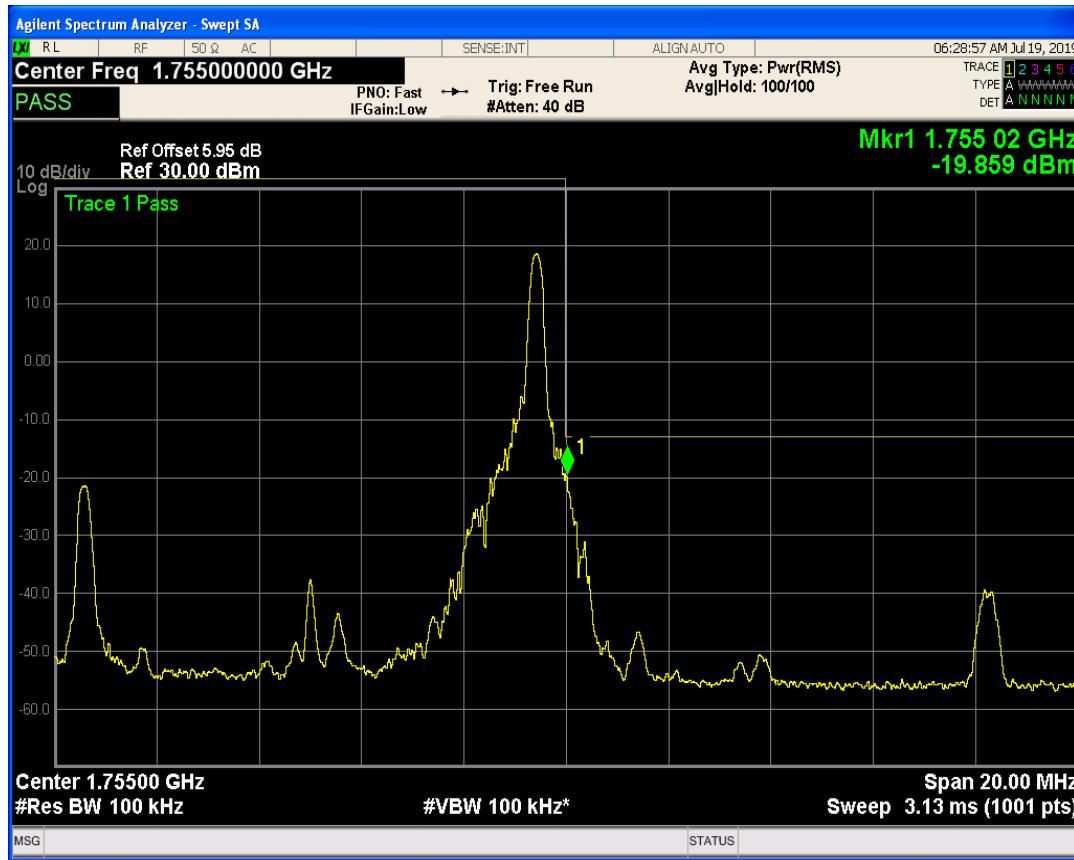
LTE Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



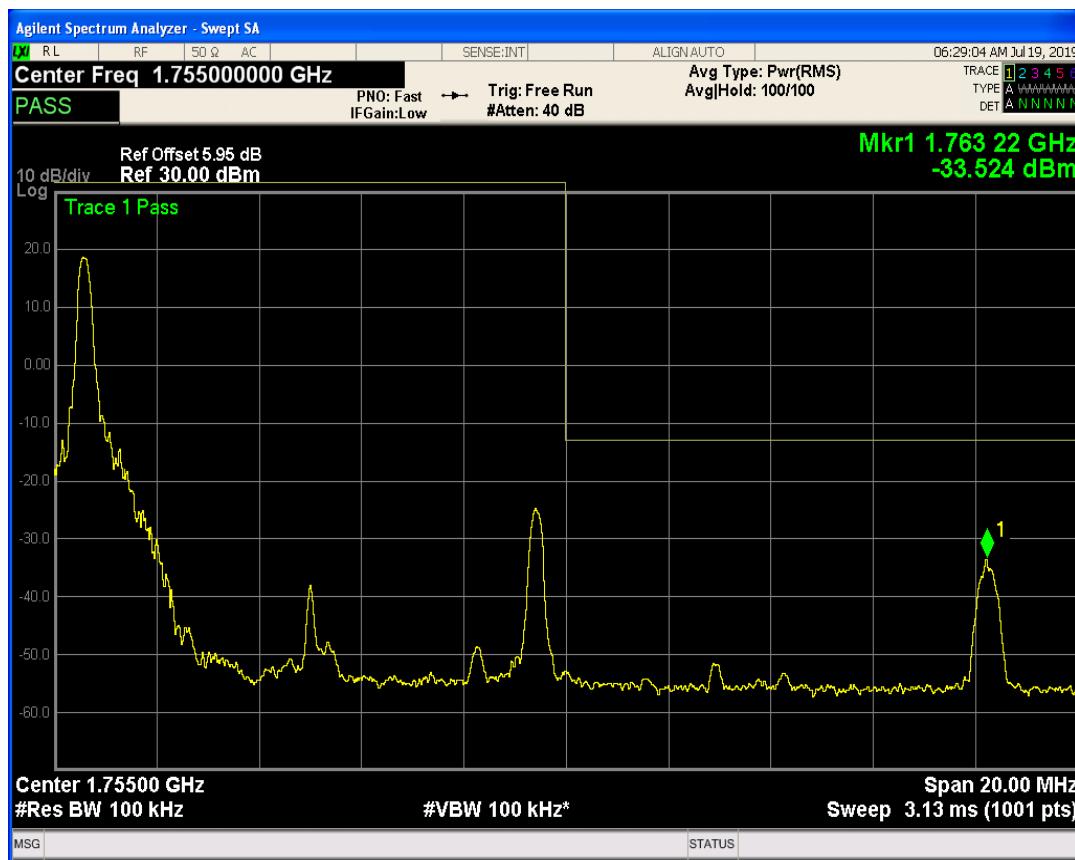
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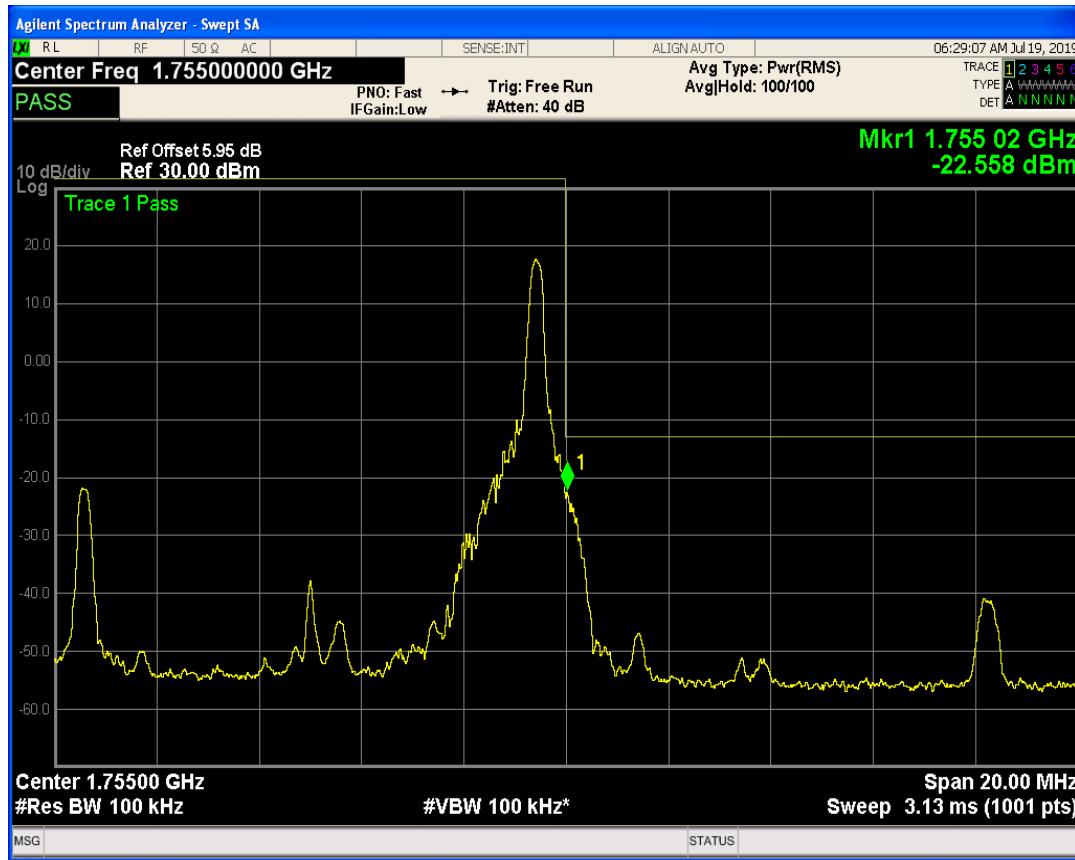
LTE Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#Max



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



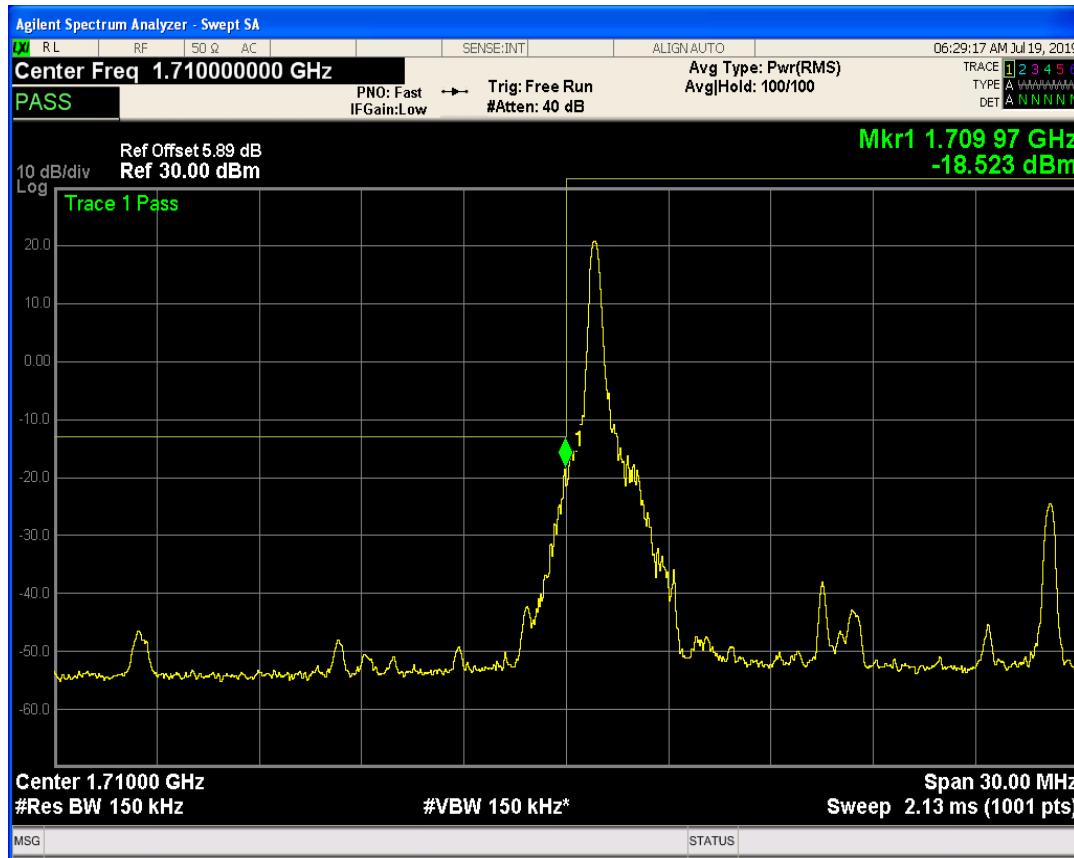
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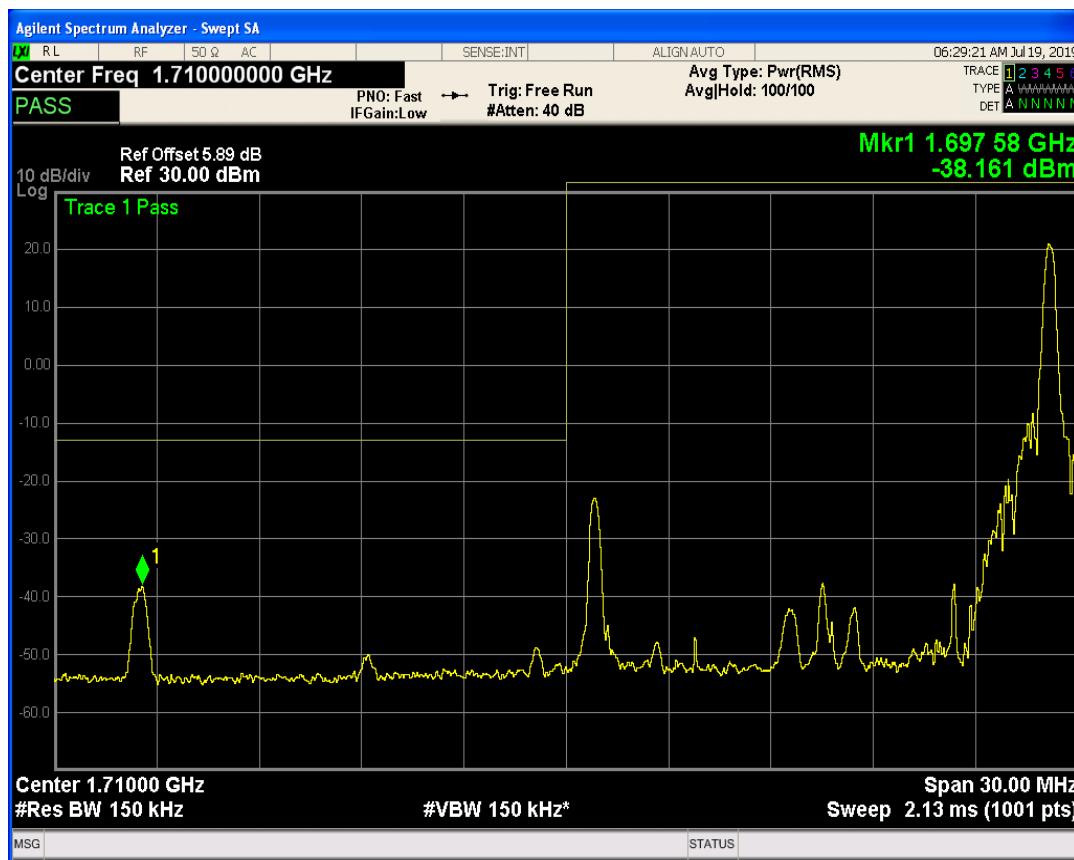
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LTE Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



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



LTE Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

