FCC CFR47 PART 27
CERTIFICATION TEST REPORT
FCC ID: 2ABFV-QTP2019

Product: Touch Smart QUICKTAB PLUS

Trade Mark: Touch Smart

Model Number: Touch Smart QUICKTAB PLUS

Family Model: N/A

Report No.: STR191029001007E

Prepared for

PC Smart S.A.

Carrera 116 no.15-25, Bogota, Colombia

Prepared by

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1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
LTE Band4	1.4	19957	1	#0	QPSK	22.97	PASS
LTE Band4	1.4	19957	1	#Mid	QPSK	23.11	PASS
LTE Band4	1.4	19957	1	#Max	QPSK	22.97	PASS
LTE Band4	1.4	19957	3	#0	QPSK	23.04	PASS
LTE Band4	1.4	19957	3	#Mid	QPSK	23.04	PASS
LTE Band4	1.4	19957	3	#Max	QPSK	23.00	PASS
LTE Band4	1.4	19957	6	#0	QPSK	22.09	PASS
LTE Band4	1.4	19957	1	#0	QAM16	21.88	PASS
LTE Band4	1.4	19957	1	#Mid	QAM16	22.05	PASS
LTE Band4	1.4	19957	1	#Max	QAM16	21.82	PASS
LTE Band4	1.4	19957	3	#0	QAM16	22.21	PASS
LTE Band4	1.4	19957	3	#Mid	QAM16	22.23	PASS
LTE Band4	1.4	19957	3	#Max	QAM16	22.27	PASS
LTE Band4	1.4	19957	6	#0	QAM16	21.19	PASS
LTE Band4	1.4	20175	1	#0	QPSK	23.17	PASS
LTE Band4	1.4	20175	1	#Mid	QPSK	23.31	PASS
LTE Band4	1.4	20175	1	#Max	QPSK	23.17	PASS
LTE Band4	1.4	20175	3	#0	QPSK	23.17	PASS
LTE Band4	1.4	20175	3	#Mid	QPSK	23.20	PASS
LTE Band4	1.4	20175	3	#Max	QPSK	23.20	PASS
LTE Band4	1.4	20175	6	#0	QPSK	22.19	PASS
LTE Band4	1.4	20175	1	#0	QAM16	22.26	PASS
LTE Band4	1.4	20175	1	#Mid	QAM16	22.40	PASS
LTE Band4	1.4	20175	1	#Max	QAM16	22.27	PASS
LTE Band4	1.4	20175	3	#0	QAM16	22.39	PASS
LTE Band4	1.4	20175	3	#Mid	QAM16	22.41	PASS
LTE Band4	1.4	20175	3	#Max	QAM16	22.40	PASS
LTE Band4	1.4	20175	6	#0	QAM16	21.35	PASS
LTE Band4	1.4	20393	1	#0	QPSK	23.34	PASS
LTE Band4	1.4	20393	1	#Mid	QPSK	23.47	PASS
LTE Band4	1.4	20393	1	#Max	QPSK	23.29	PASS
LTE Band4	1.4	20393	3	#0	QPSK	23.40	PASS
LTE Band4	1.4	20393	3	#Mid	QPSK	23.40	PASS
LTE Band4	1.4	20393	3	#Max	QPSK	23.39	PASS
LTE Band4	1.4	20393	6	#0	QPSK	22.43	PASS
LTE Band4	1.4	20393	1	#0	QAM16	22.56	PASS
LTE Band4	1.4	20393	1	#Mid	QAM16	22.65	PASS
LTE Band4	1.4	20393	1	#Max	QAM16	22.54	PASS
LTE Band4	1.4	20393	3	#0	QAM16	22.66	PASS
LTE Band4	1.4	20393	3	#Mid	QAM16	22.72	PASS
LTE Band4	1.4	20393	3	#Max	QAM16	22.65	PASS

LTE Band4	1.4	20393	6	#0	QAM16	21.53	PASS
LTE Band4	3	19965	1	#0	QPSK	23.03	PASS
LTE Band4	3	19965	1	#Mid	QPSK	23.28	PASS
LTE Band4	3	19965	1	#Max	QPSK	22.99	PASS
LTE Band4	3	19965	8	#0	QPSK	22.03	PASS
LTE Band4	3	19965	8	#Mid	QPSK	22.07	PASS
LTE Band4	3	19965	8	#Max	QPSK	22.06	PASS
LTE Band4	3	19965	15	#0	QPSK	22.02	PASS
LTE Band4	3	19965	1	#0	QAM16	22.50	PASS
LTE Band4	3	19965	1	#Mid	QAM16	22.73	PASS
LTE Band4	3	19965	1	#Max	QAM16	22.47	PASS
LTE Band4	3	19965	8	#0	QAM16	21.04	PASS
LTE Band4	3	19965	8	#Mid	QAM16	21.07	PASS
LTE Band4	3	19965	8	#Max	QAM16	21.02	PASS
LTE Band4	3	19965	15	#0	QAM16	21.03	PASS
LTE Band4	3	20175	1	#0	QPSK	23.14	PASS
LTE Band4	3	20175	1	#Mid	QPSK	23.46	PASS
LTE Band4	3	20175	1	#Max	QPSK	23.14	PASS
LTE Band4	3	20175	8	#0	QPSK	22.23	PASS
LTE Band4	3	20175	8	#Mid	QPSK	22.24	PASS
LTE Band4	3	20175	8	#Max	QPSK	22.20	PASS
LTE Band4	3	20175	15	#0	QPSK	22.23	PASS
LTE Band4	3	20175	1	#0	QAM16	22.38	PASS
LTE Band4	3	20175	1	#Mid	QAM16	22.67	PASS
LTE Band4	3	20175	1	#Max	QAM16	22.36	PASS
LTE Band4	3	20175	8	#0	QAM16	21.20	PASS
LTE Band4	3	20175	8	#Mid	QAM16	21.19	PASS
LTE Band4	3	20175	8	#Max	QAM16	21.16	PASS
LTE Band4	3	20175	15	#0	QAM16	21.13	PASS
LTE Band4	3	20385	1	#0	QPSK	23.39	PASS
LTE Band4	3	20385	1	#Mid	QPSK	23.67	PASS
LTE Band4	3	20385	1	#Max	QPSK	23.40	PASS
LTE Band4	3	20385	8	#0	QPSK	22.47	PASS
LTE Band4	3	20385	8	#Mid	QPSK	22.54	PASS
LTE Band4	3	20385	8	#Max	QPSK	22.46	PASS
LTE Band4	3	20385	15	#0	QPSK	22.42	PASS
LTE Band4	3	20385	1	#0	QAM16	22.28	PASS
LTE Band4	3	20385	1	#Mid	QAM16	22.56	PASS
LTE Band4	3	20385	1	#Max	QAM16	22.26	PASS
LTE Band4	3	20385	8	#0	QAM16	21.38	PASS
LTE Band4	3	20385	8	#Mid	QAM16	21.42	PASS
LTE Band4	3	20385	8	#Max	QAM16	21.39	PASS
LTE Band4	3	20385	15	#0	QAM16	21.44	PASS
LTE Band4	5	19975	1	#0	QPSK	22.91	PASS

LTE Band4	5	19975	1	#Mid	QPSK	23.48	PASS
LTE Band4	5	19975	1	#Max	QPSK	22.99	PASS
LTE Band4	5	19975	12	#0	QPSK	21.99	PASS
LTE Band4	5	19975	12	#Mid	QPSK	22.07	PASS
LTE Band4	5	19975	12	#Max	QPSK	22.09	PASS
LTE Band4	5	19975	25	#0	QPSK	22.07	PASS
LTE Band4	5	19975	1	#0	QAM16	22.50	PASS
LTE Band4	5	19975	1	#Mid	QAM16	22.90	PASS
LTE Band4	5	19975	1	#Max	QAM16	22.54	PASS
LTE Band4	5	19975	12	#0	QAM16	20.99	PASS
LTE Band4	5	19975	12	#Mid	QAM16	21.12	PASS
LTE Band4	5	19975	12	#Max	QAM16	21.13	PASS
LTE Band4	5	19975	25	#0	QAM16	21.02	PASS
LTE Band4	5	20175	1	#0	QPSK	23.04	PASS
LTE Band4	5	20175	1	#Mid	QPSK	23.49	PASS
LTE Band4	5	20175	1	#Max	QPSK	23.11	PASS
LTE Band4	5	20175	12	#0	QPSK	22.19	PASS
LTE Band4	5	20175	12	#Mid	QPSK	22.22	PASS
LTE Band4	5	20175	12	#Max	QPSK	22.20	PASS
LTE Band4	5	20175	25	#0	QPSK	22.21	PASS
LTE Band4	5	20175	1	#0	QAM16	22.40	PASS
LTE Band4	5	20175	1	#Mid	QAM16	22.73	PASS
LTE Band4	5	20175	1	#Max	QAM16	22.51	PASS
LTE Band4	5	20175	12	#0	QAM16	21.12	PASS
LTE Band4	5	20175	12	#Mid	QAM16	21.16	PASS
LTE Band4	5	20175	12	#Max	QAM16	21.16	PASS
LTE Band4	5	20175	25	#0	QAM16	21.22	PASS
LTE Band4	5	20375	1	#0	QPSK	23.29	PASS
LTE Band4	5	20375	1	#Mid	QPSK	23.59	PASS
LTE Band4	5	20375	1	#Max	QPSK	23.30	PASS
LTE Band4	5	20375	12	#0	QPSK	22.33	PASS
LTE Band4	5	20375	12	#Mid	QPSK	22.50	PASS
LTE Band4	5	20375	12	#Max	QPSK	22.43	PASS
LTE Band4	5	20375	25	#0	QPSK	22.49	PASS
LTE Band4	5	20375	1	#0	QAM16	22.64	PASS
LTE Band4	5	20375	1	#Mid	QAM16	22.96	PASS
LTE Band4	5	20375	1	#Max	QAM16	22.59	PASS
LTE Band4	5	20375	12	#0	QAM16	21.37	PASS
LTE Band4	5	20375	12	#Mid	QAM16	21.53	PASS
LTE Band4	5	20375	12	#Max	QAM16	21.46	PASS
LTE Band4	5	20375	25	#0	QAM16	21.39	PASS
LTE Band4	10	20000	1	#0	QPSK	22.97	PASS
LTE Band4	10	20000	1	#Mid	QPSK	23.17	PASS
LTE Band4	10	20000	1	#Max	QPSK	23.07	PASS

LTE Band4	10	20000	25	#0	QPSK	22.00	PASS
LTE Band4	10	20000	25	#Mid	QPSK	22.15	PASS
LTE Band4	10	20000	25	#Max	QPSK	22.25	PASS
LTE Band4	10	20000	50	#0	QPSK	22.12	PASS
LTE Band4	10	20000	1	#0	QAM16	22.45	PASS
LTE Band4	10	20000	1	#Mid	QAM16	22.65	PASS
LTE Band4	10	20000	1	#Max	QAM16	22.48	PASS
LTE Band4	10	20000	25	#0	QAM16	20.98	PASS
LTE Band4	10	20000	25	#Mid	QAM16	21.14	PASS
LTE Band4	10	20000	25	#Max	QAM16	21.24	PASS
LTE Band4	10	20000	50	#0	QAM16	21.11	PASS
LTE Band4	10	20175	1	#0	QPSK	23.08	PASS
LTE Band4	10	20175	1	#Mid	QPSK	23.27	PASS
LTE Band4	10	20175	1	#Max	QPSK	23.21	PASS
LTE Band4	10	20175	25	#0	QPSK	22.32	PASS
LTE Band4	10	20175	25	#Mid	QPSK	22.27	PASS
LTE Band4	10	20175	25	#Max	QPSK	22.30	PASS
LTE Band4	10	20175	50	#0	QPSK	22.28	PASS
LTE Band4	10	20175	1	#0	QAM16	22.27	PASS
LTE Band4	10	20175	1	#Mid	QAM16	22.43	PASS
LTE Band4	10	20175	1	#Max	QAM16	22.44	PASS
LTE Band4	10	20175	25	#0	QAM16	21.27	PASS
LTE Band4	10	20175	25	#Mid	QAM16	21.24	PASS
LTE Band4	10	20175	25	#Max	QAM16	21.25	PASS
LTE Band4	10	20175	50	#0	QAM16	21.31	PASS
LTE Band4	10	20350	1	#0	QPSK	23.39	PASS
LTE Band4	10	20350	1	#Mid	QPSK	23.51	PASS
LTE Band4	10	20350	1	#Max	QPSK	23.38	PASS
LTE Band4	10	20350	25	#0	QPSK	22.46	PASS
LTE Band4	10	20350	25	#Mid	QPSK	22.47	PASS
LTE Band4	10	20350	25	#Max	QPSK	22.58	PASS
LTE Band4	10	20350	50	#0	QPSK	22.47	PASS
LTE Band4	10	20350	1	#0	QAM16	22.28	PASS
LTE Band4	10	20350	1	#Mid	QAM16	22.42	PASS
LTE Band4	10	20350	1	#Max	QAM16	22.23	PASS
LTE Band4	10	20350	25	#0	QAM16	21.44	PASS
LTE Band4	10	20350	25	#Mid	QAM16	21.43	PASS
LTE Band4	10	20350	25	#Max	QAM16	21.52	PASS
LTE Band4	10	20350	50	#0	QAM16	21.44	PASS
LTE Band4	15	20025	1	#0	QPSK	22.89	PASS
LTE Band4	15	20025	1	#Mid	QPSK	23.35	PASS
LTE Band4	15	20025	1	#Max	QPSK	22.98	PASS
LTE Band4	15	20025	36	#0	QPSK	22.11	PASS
LTE Band4	15	20025	36	#Mid	QPSK	22.17	PASS

LTE Band4	15	20025	36	#Max	QPSK	22.24	PASS
LTE Band4	15	20025	75	#0	QPSK	22.18	PASS
LTE Band4	15	20025	1	#0	QAM16	22.35	PASS
LTE Band4	15	20025	1	#Mid	QAM16	22.75	PASS
LTE Band4	15	20025	1	#Max	QAM16	22.38	PASS
LTE Band4	15	20025	36	#0	QAM16	21.10	PASS
LTE Band4	15	20025	36	#Mid	QAM16	21.19	PASS
LTE Band4	15	20025	36	#Max	QAM16	21.24	PASS
LTE Band4	15	20025	75	#0	QAM16	21.11	PASS
LTE Band4	15	20175	1	#0	QPSK	23.00	PASS
LTE Band4	15	20175	1	#Mid	QPSK	23.32	PASS
LTE Band4	15	20175	1	#Max	QPSK	23.19	PASS
LTE Band4	15	20175	36	#0	QPSK	22.28	PASS
LTE Band4	15	20175	36	#Mid	QPSK	22.31	PASS
LTE Band4	15	20175	36	#Max	QPSK	22.32	PASS
LTE Band4	15	20175	75	#0	QPSK	22.34	PASS
LTE Band4	15	20175	1	#0	QAM16	22.18	PASS
LTE Band4	15	20175	1	#Mid	QAM16	22.66	PASS
LTE Band4	15	20175	1	#Max	QAM16	22.42	PASS
LTE Band4	15	20175	36	#0	QAM16	21.29	PASS
LTE Band4	15	20175	36	#Mid	QAM16	21.35	PASS
LTE Band4	15	20175	36	#Max	QAM16	21.35	PASS
LTE Band4	15	20175	75	#0	QAM16	21.29	PASS
LTE Band4	15	20325	1	#0	QPSK	23.22	PASS
LTE Band4	15	20325	1	#Mid	QPSK	23.70	PASS
LTE Band4	15	20325	1	#Max	QPSK	23.23	PASS
LTE Band4	15	20325	36	#0	QPSK	22.47	PASS
LTE Band4	15	20325	36	#Mid	QPSK	22.53	PASS
LTE Band4	15	20325	36	#Max	QPSK	22.54	PASS
LTE Band4	15	20325	75	#0	QPSK	22.56	PASS
LTE Band4	15	20325	1	#0	QAM16	22.39	PASS
LTE Band4	15	20325	1	#Mid	QAM16	22.81	PASS
LTE Band4	15	20325	1	#Max	QAM16	22.39	PASS
LTE Band4	15	20325	36	#0	QAM16	21.43	PASS
LTE Band4	15	20325	36	#Mid	QAM16	21.48	PASS
LTE Band4	15	20325	36	#Max	QAM16	21.46	PASS
LTE Band4	15	20325	75	#0	QAM16	21.54	PASS
LTE Band4	20	20050	1	#0	QPSK	22.73	PASS
LTE Band4	20	20050	1	#Mid	QPSK	23.20	PASS
LTE Band4	20	20050	1	#Max	QPSK	22.90	PASS
LTE Band4	20	20050	50	#0	QPSK	21.92	PASS
LTE Band4	20	20050	50	#Mid	QPSK	22.20	PASS
LTE Band4	20	20050	50	#Max	QPSK	22.16	PASS
LTE Band4	20	20050	100	#0	QPSK	22.07	PASS

LTE Band4	20	20050	1	#0	QAM16	22.12	PASS
LTE Band4	20	20050	1	#Mid	QAM16	22.52	PASS
LTE Band4	20	20050	1	#Max	QAM16	22.23	PASS
LTE Band4	20	20050	50	#0	QAM16	20.99	PASS
LTE Band4	20	20050	50	#Mid	QAM16	21.20	PASS
LTE Band4	20	20050	50	#Max	QAM16	21.16	PASS
LTE Band4	20	20050	100	#0	QAM16	21.03	PASS
LTE Band4	20	20175	1	#0	QPSK	22.86	PASS
LTE Band4	20	20175	1	#Mid	QPSK	23.32	PASS
LTE Band4	20	20175	1	#Max	QPSK	23.11	PASS
LTE Band4	20	20175	50	#0	QPSK	22.29	PASS
LTE Band4	20	20175	50	#Mid	QPSK	22.27	PASS
LTE Band4	20	20175	50	#Max	QPSK	22.26	PASS
LTE Band4	20	20175	100	#0	QPSK	22.24	PASS
LTE Band4	20	20175	1	#0	QAM16	22.06	PASS
LTE Band4	20	20175	1	#Mid	QAM16	22.53	PASS
LTE Band4	20	20175	1	#Max	QAM16	22.37	PASS
LTE Band4	20	20175	50	#0	QAM16	21.22	PASS
LTE Band4	20	20175	50	#Mid	QAM16	21.24	PASS
LTE Band4	20	20175	50	#Max	QAM16	21.19	PASS
LTE Band4	20	20175	100	#0	QAM16	21.22	PASS
LTE Band4	20	20300	1	#0	QPSK	22.95	PASS
LTE Band4	20	20300	1	#Mid	QPSK	23.51	PASS
LTE Band4	20	20300	1	#Max	QPSK	23.14	PASS
LTE Band4	20	20300	50	#0	QPSK	22.41	PASS
LTE Band4	20	20300	50	#Mid	QPSK	22.46	PASS
LTE Band4	20	20300	50	#Max	QPSK	22.56	PASS
LTE Band4	20	20300	100	#0	QPSK	22.49	PASS
LTE Band4	20	20300	1	#0	QAM16	22.24	PASS
LTE Band4	20	20300	1	#Mid	QAM16	22.78	PASS
LTE Band4	20	20300	1	#Max	QAM16	22.41	PASS
LTE Band4	20	20300	50	#0	QAM16	21.45	PASS
LTE Band4	20	20300	50	#Mid	QAM16	21.48	PASS
LTE Band4	20	20300	50	#Max	QAM16	21.60	PASS
LTE Band4	20	20300	100	#0	QAM16	21.45	PASS
LTE Band7	5	20775	1	#0	QPSK	23.39	PASS
LTE Band7	5	20775	1	#Mid	QPSK	23.73	PASS
LTE Band7	5	20775	1	#Max	QPSK	23.36	PASS
LTE Band7	5	20775	12	#0	QPSK	22.39	PASS
LTE Band7	5	20775	12	#Mid	QPSK	22.45	PASS
LTE Band7	5	20775	12	#Max	QPSK	22.42	PASS
LTE Band7	5	20775	25	#0	QPSK	22.44	PASS
LTE Band7	5	20775	1	#0	QAM16	22.82	PASS
LTE Band7	5	20775	1	#Mid	QAM16	23.19	PASS

LTE Band7	5	20775	1	#Max	QAM16	22.83	PASS
LTE Band7	5	20775	12	#0	QAM16	21.40	PASS
LTE Band7	5	20775	12	#Mid	QAM16	21.44	PASS
LTE Band7	5	20775	12	#Max	QAM16	21.38	PASS
LTE Band7	5	20775	25	#0	QAM16	21.36	PASS
LTE Band7	5	21100	1	#0	QPSK	23.50	PASS
LTE Band7	5	21100	1	#Mid	QPSK	23.88	PASS
LTE Band7	5	21100	1	#Max	QPSK	23.50	PASS
LTE Band7	5	21100	12	#0	QPSK	22.56	PASS
LTE Band7	5	21100	12	#Mid	QPSK	22.56	PASS
LTE Band7	5	21100	12	#Max	QPSK	22.53	PASS
LTE Band7	5	21100	25	#0	QPSK	22.56	PASS
LTE Band7	5	21100	1	#0	QAM16	22.77	PASS
LTE Band7	5	21100	1	#Mid	QAM16	23.09	PASS
LTE Band7	5	21100	1	#Max	QAM16	22.73	PASS
LTE Band7	5	21100	12	#0	QAM16	21.48	PASS
LTE Band7	5	21100	12	#Mid	QAM16	21.50	PASS
LTE Band7	5	21100	12	#Max	QAM16	21.50	PASS
LTE Band7	5	21100	25	#0	QAM16	21.53	PASS
LTE Band7	5	21425	1	#0	QPSK	23.58	PASS
LTE Band7	5	21425	1	#Mid	QPSK	23.91	PASS
LTE Band7	5	21425	1	#Max	QPSK	23.58	PASS
LTE Band7	5	21425	12	#0	QPSK	22.65	PASS
LTE Band7	5	21425	12	#Mid	QPSK	22.64	PASS
LTE Band7	5	21425	12	#Max	QPSK	22.62	PASS
LTE Band7	5	21425	25	#0	QPSK	22.70	PASS
LTE Band7	5	21425	1	#0	QAM16	22.83	PASS
LTE Band7	5	21425	1	#Mid	QAM16	23.21	PASS
LTE Band7	5	21425	1	#Max	QAM16	22.80	PASS
LTE Band7	5	21425	12	#0	QAM16	21.65	PASS
LTE Band7	5	21425	12	#Mid	QAM16	21.69	PASS
LTE Band7	5	21425	12	#Max	QAM16	21.61	PASS
LTE Band7	5	21425	25	#0	QAM16	21.58	PASS
LTE Band7	10	20800	1	#0	QPSK	23.48	PASS
LTE Band7	10	20800	1	#Mid	QPSK	23.55	PASS
LTE Band7	10	20800	1	#Max	QPSK	23.51	PASS
LTE Band7	10	20800	25	#0	QPSK	22.48	PASS
LTE Band7	10	20800	25	#Mid	QPSK	22.42	PASS
LTE Band7	10	20800	25	#Max	QPSK	22.51	PASS
LTE Band7	10	20800	50	#0	QPSK	22.48	PASS
LTE Band7	10	20800	1	#0	QAM16	22.74	PASS
LTE Band7	10	20800	1	#Mid	QAM16	22.86	PASS
LTE Band7	10	20800	1	#Max	QAM16	22.82	PASS
LTE Band7	10	20800	25	#0	QAM16	21.40	PASS

LTE Band7	10	20800	25	#Mid	QAM16	21.41	PASS
LTE Band7	10	20800	25	#Max	QAM16	21.46	PASS
LTE Band7	10	20800	50	#0	QAM16	21.46	PASS
LTE Band7	10	21100	1	#0	QPSK	23.52	PASS
LTE Band7	10	21100	1	#Mid	QPSK	23.63	PASS
LTE Band7	10	21100	1	#Max	QPSK	23.56	PASS
LTE Band7	10	21100	25	#0	QPSK	22.56	PASS
LTE Band7	10	21100	25	#Mid	QPSK	22.54	PASS
LTE Band7	10	21100	25	#Max	QPSK	22.60	PASS
LTE Band7	10	21100	50	#0	QPSK	22.59	PASS
LTE Band7	10	21100	1	#0	QAM16	22.65	PASS
LTE Band7	10	21100	1	#Mid	QAM16	22.77	PASS
LTE Band7	10	21100	1	#Max	QAM16	22.66	PASS
LTE Band7	10	21100	25	#0	QAM16	21.52	PASS
LTE Band7	10	21100	25	#Mid	QAM16	21.52	PASS
LTE Band7	10	21100	25	#Max	QAM16	21.57	PASS
LTE Band7	10	21100	50	#0	QAM16	21.55	PASS
LTE Band7	10	21400	1	#0	QPSK	23.62	PASS
LTE Band7	10	21400	1	#Mid	QPSK	23.77	PASS
LTE Band7	10	21400	1	#Max	QPSK	23.70	PASS
LTE Band7	10	21400	25	#0	QPSK	22.71	PASS
LTE Band7	10	21400	25	#Mid	QPSK	22.71	PASS
LTE Band7	10	21400	25	#Max	QPSK	22.66	PASS
LTE Band7	10	21400	50	#0	QPSK	22.64	PASS
LTE Band7	10	21400	1	#0	QAM16	22.42	PASS
LTE Band7	10	21400	1	#Mid	QAM16	22.60	PASS
LTE Band7	10	21400	1	#Max	QAM16	22.47	PASS
LTE Band7	10	21400	25	#0	QAM16	21.68	PASS
LTE Band7	10	21400	25	#Mid	QAM16	21.63	PASS
LTE Band7	10	21400	25	#Max	QAM16	21.65	PASS
LTE Band7	10	21400	50	#0	QAM16	21.59	PASS
LTE Band7	15	20825	1	#0	QPSK	23.37	PASS
LTE Band7	15	20825	1	#Mid	QPSK	23.72	PASS
LTE Band7	15	20825	1	#Max	QPSK	23.40	PASS
LTE Band7	15	20825	36	#0	QPSK	22.43	PASS
LTE Band7	15	20825	36	#Mid	QPSK	22.47	PASS
LTE Band7	15	20825	36	#Max	QPSK	22.52	PASS
LTE Band7	15	20825	75	#0	QPSK	22.49	PASS
LTE Band7	15	20825	1	#0	QAM16	22.70	PASS
LTE Band7	15	20825	1	#Mid	QAM16	23.07	PASS
LTE Band7	15	20825	1	#Max	QAM16	22.71	PASS
LTE Band7	15	20825	36	#0	QAM16	21.44	PASS
LTE Band7	15	20825	36	#Mid	QAM16	21.44	PASS
LTE Band7	15	20825	36	#Max	QAM16	21.53	PASS

LTE Band7	15	20825	75	#0	QAM16	21.42	PASS
LTE Band7	15	21100	1	#0	QPSK	23.49	PASS
LTE Band7	15	21100	1	#Mid	QPSK	23.79	PASS
LTE Band7	15	21100	1	#Max	QPSK	23.46	PASS
LTE Band7	15	21100	36	#0	QPSK	22.56	PASS
LTE Band7	15	21100	36	#Mid	QPSK	22.58	PASS
LTE Band7	15	21100	36	#Max	QPSK	22.61	PASS
LTE Band7	15	21100	75	#0	QPSK	22.62	PASS
LTE Band7	15	21100	1	#0	QAM16	22.61	PASS
LTE Band7	15	21100	1	#Mid	QAM16	22.93	PASS
LTE Band7	15	21100	1	#Max	QAM16	22.62	PASS
LTE Band7	15	21100	36	#0	QAM16	21.62	PASS
LTE Band7	15	21100	36	#Mid	QAM16	21.62	PASS
LTE Band7	15	21100	36	#Max	QAM16	21.64	PASS
LTE Band7	15	21100	75	#0	QAM16	21.53	PASS
LTE Band7	15	21375	1	#0	QPSK	23.55	PASS
LTE Band7	15	21375	1	#Mid	QPSK	23.83	PASS
LTE Band7	15	21375	1	#Max	QPSK	23.56	PASS
LTE Band7	15	21375	36	#0	QPSK	22.71	PASS
LTE Band7	15	21375	36	#Mid	QPSK	22.71	PASS
LTE Band7	15	21375	36	#Max	QPSK	22.74	PASS
LTE Band7	15	21375	75	#0	QPSK	22.75	PASS
LTE Band7	15	21375	1	#0	QAM16	22.64	PASS
LTE Band7	15	21375	1	#Mid	QAM16	23.01	PASS
LTE Band7	15	21375	1	#Max	QAM16	22.66	PASS
LTE Band7	15	21375	36	#0	QAM16	21.63	PASS
LTE Band7	15	21375	36	#Mid	QAM16	21.65	PASS
LTE Band7	15	21375	36	#Max	QAM16	21.65	PASS
LTE Band7	15	21375	75	#0	QAM16	21.73	PASS
LTE Band7	20	20850	1	#0	QPSK	23.20	PASS
LTE Band7	20	20850	1	#Mid	QPSK	23.63	PASS
LTE Band7	20	20850	1	#Max	QPSK	23.24	PASS
LTE Band7	20	20850	50	#0	QPSK	22.42	PASS
LTE Band7	20	20850	50	#Mid	QPSK	22.49	PASS
LTE Band7	20	20850	50	#Max	QPSK	22.54	PASS
LTE Band7	20	20850	100	#0	QPSK	22.43	PASS
LTE Band7	20	20850	1	#0	QAM16	22.45	PASS
LTE Band7	20	20850	1	#Mid	QAM16	22.87	PASS
LTE Band7	20	20850	1	#Max	QAM16	22.50	PASS
LTE Band7	20	20850	50	#0	QAM16	21.43	PASS
LTE Band7	20	20850	50	#Mid	QAM16	21.49	PASS
LTE Band7	20	20850	50	#Max	QAM16	21.51	PASS
LTE Band7	20	20850	100	#0	QAM16	21.43	PASS
LTE Band7	20	21100	1	#0	QPSK	23.33	PASS

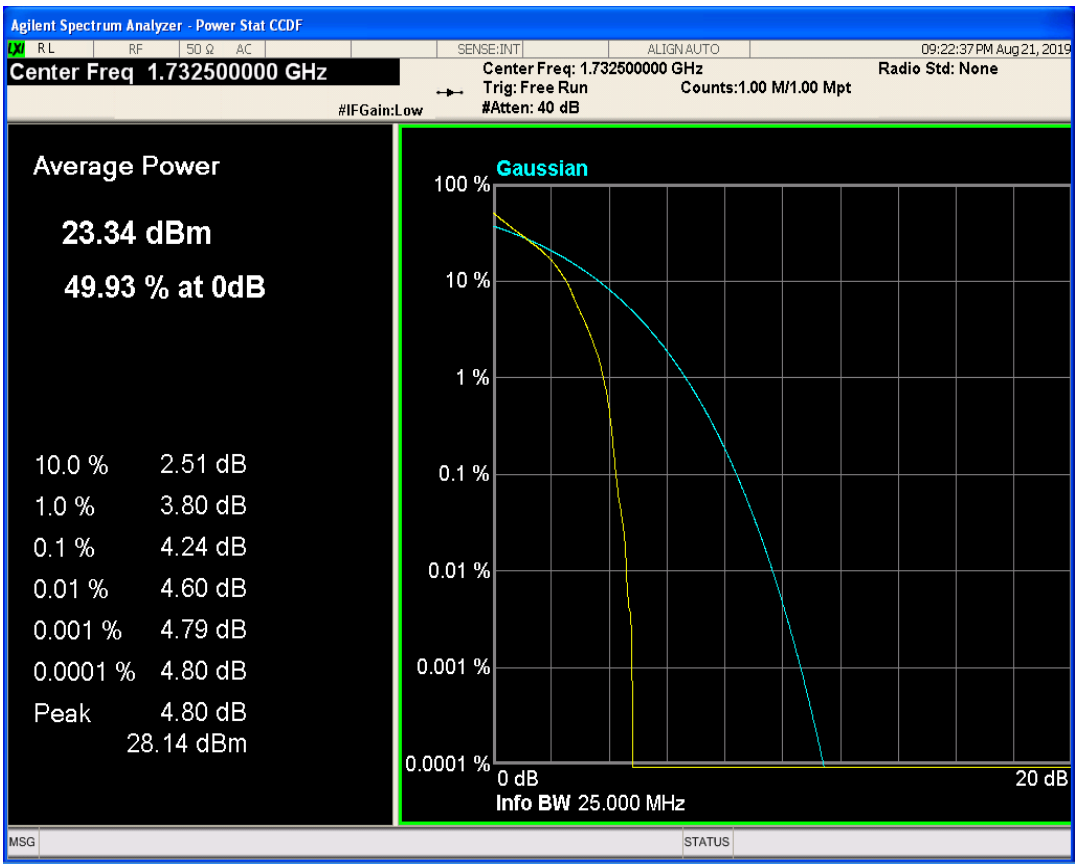
LTE Band7	20	21100	1	#Mid	QPSK	23.69	PASS
LTE Band7	20	21100	1	#Max	QPSK	23.37	PASS
LTE Band7	20	21100	50	#0	QPSK	22.57	PASS
LTE Band7	20	21100	50	#Mid	QPSK	22.57	PASS
LTE Band7	20	21100	50	#Max	QPSK	22.52	PASS
LTE Band7	20	21100	100	#0	QPSK	22.57	PASS
LTE Band7	20	21100	1	#0	QAM16	22.57	PASS
LTE Band7	20	21100	1	#Mid	QAM16	22.88	PASS
LTE Band7	20	21100	1	#Max	QAM16	22.57	PASS
LTE Band7	20	21100	50	#0	QAM16	21.55	PASS
LTE Band7	20	21100	50	#Mid	QAM16	21.54	PASS
LTE Band7	20	21100	50	#Max	QAM16	21.52	PASS
LTE Band7	20	21100	100	#0	QAM16	21.51	PASS
LTE Band7	20	21350	1	#0	QPSK	23.43	PASS
LTE Band7	20	21350	1	#Mid	QPSK	23.77	PASS
LTE Band7	20	21350	1	#Max	QPSK	23.47	PASS
LTE Band7	20	21350	50	#0	QPSK	22.65	PASS
LTE Band7	20	21350	50	#Mid	QPSK	22.66	PASS
LTE Band7	20	21350	50	#Max	QPSK	22.57	PASS
LTE Band7	20	21350	100	#0	QPSK	22.62	PASS
LTE Band7	20	21350	1	#0	QAM16	22.60	PASS
LTE Band7	20	21350	1	#Mid	QAM16	22.93	PASS
LTE Band7	20	21350	1	#Max	QAM16	22.61	PASS
LTE Band7	20	21350	50	#0	QAM16	21.58	PASS
LTE Band7	20	21350	50	#Mid	QAM16	21.66	PASS
LTE Band7	20	21350	50	#Max	QAM16	21.58	PASS
LTE Band7	20	21350	100	#0	QAM16	21.59	PASS

2 Peak-to-Average Ratio

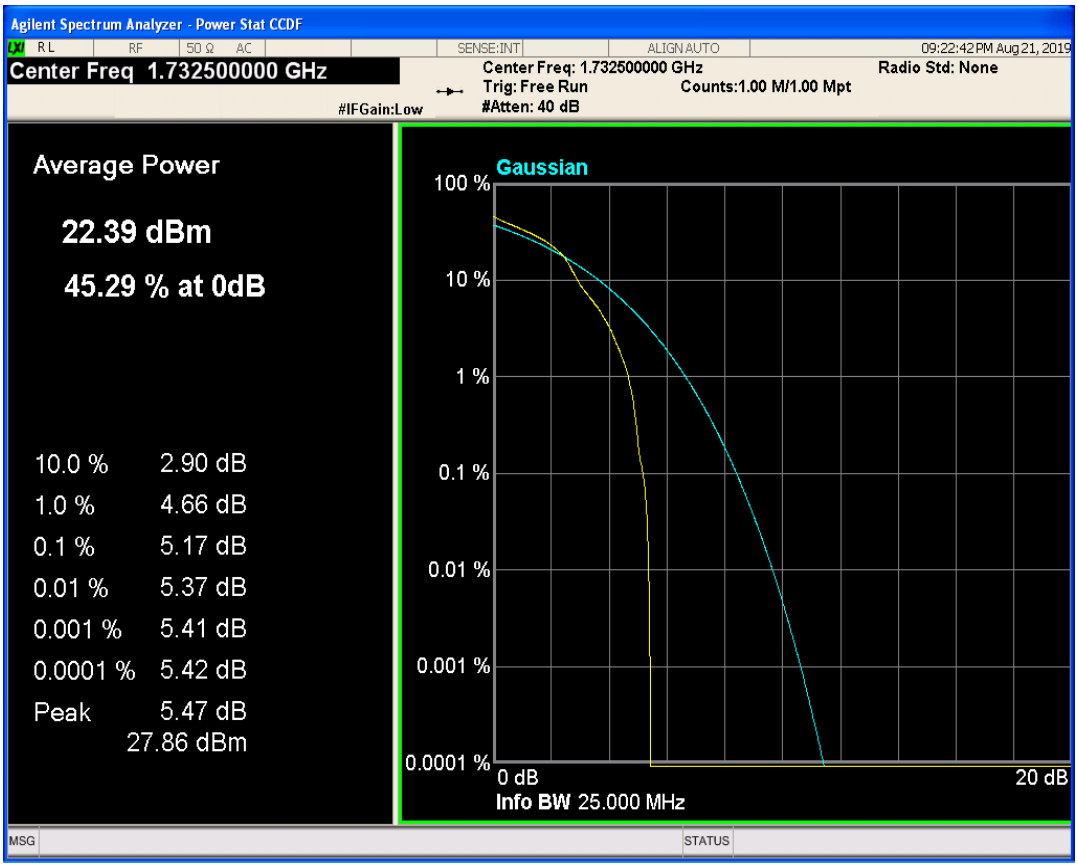
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
LTE Band4	1.4	20175	1	#0	QPSK	4.24	13	PASS
LTE Band4	1.4	20175	1	#0	QAM16	5.17	13	PASS
LTE Band4	3	20175	1	#0	QPSK	4.24	13	PASS
LTE Band4	3	20175	1	#0	QAM16	5.04	13	PASS
LTE Band4	5	20175	1	#0	QPSK	4.39	13	PASS
LTE Band4	5	20175	1	#0	QAM16	5.07	13	PASS
LTE Band4	10	20175	1	#0	QPSK	4.19	13	PASS
LTE Band4	10	20175	1	#0	QAM16	4.92	13	PASS
LTE Band4	15	20175	1	#0	QPSK	4.32	13	PASS
LTE Band4	15	20175	1	#0	QAM16	5.29	13	PASS
LTE Band4	20	20175	1	#0	QPSK	4.32	13	PASS
LTE Band4	20	20175	1	#0	QAM16	5.08	13	PASS
LTE Band7	5	21100	1	#0	QPSK	4.78	13	PASS

LTE Band7	5	21100	1	#0	QAM16	5.44	13	PASS
LTE Band7	10	21100	1	#0	QPSK	4.65	13	PASS
LTE Band7	10	21100	1	#0	QAM16	5.49	13	PASS
LTE Band7	15	21100	1	#0	QPSK	4.60	13	PASS
LTE Band7	15	21100	1	#0	QAM16	5.49	13	PASS
LTE Band7	20	21100	1	#0	QPSK	4.71	13	PASS
LTE Band7	20	21100	1	#0	QAM16	5.34	13	PASS

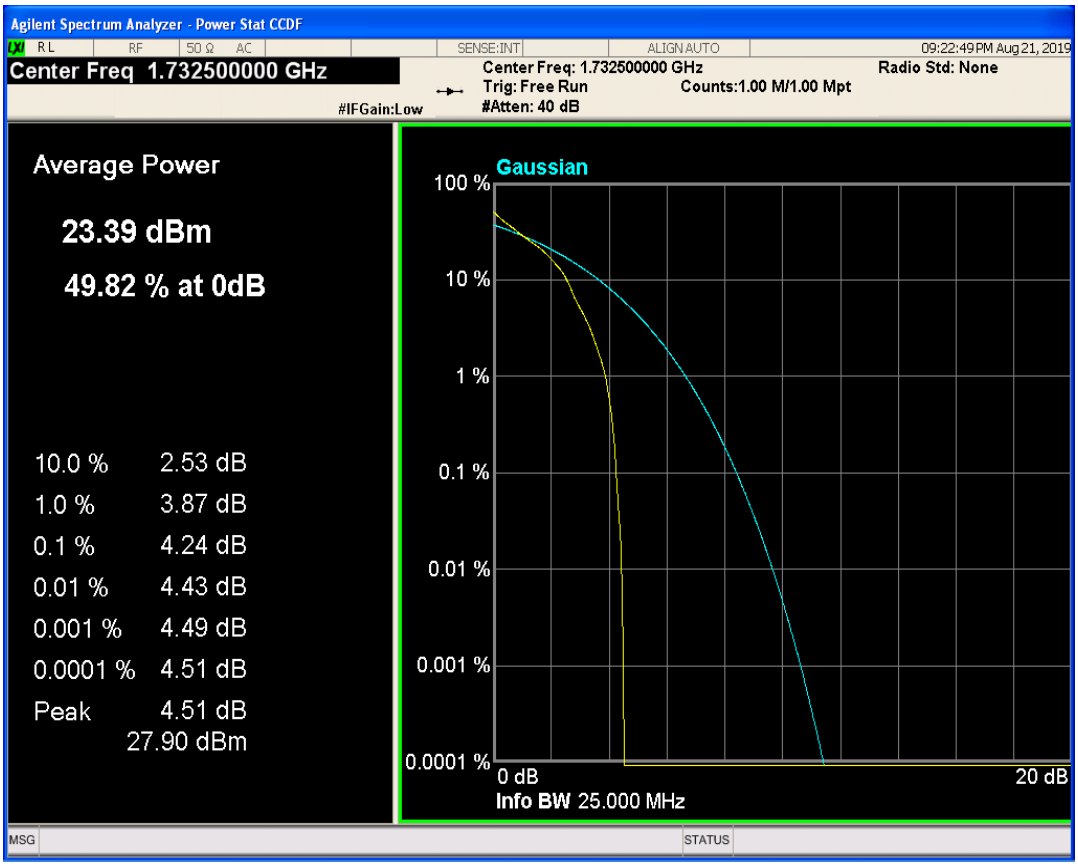
LTE Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



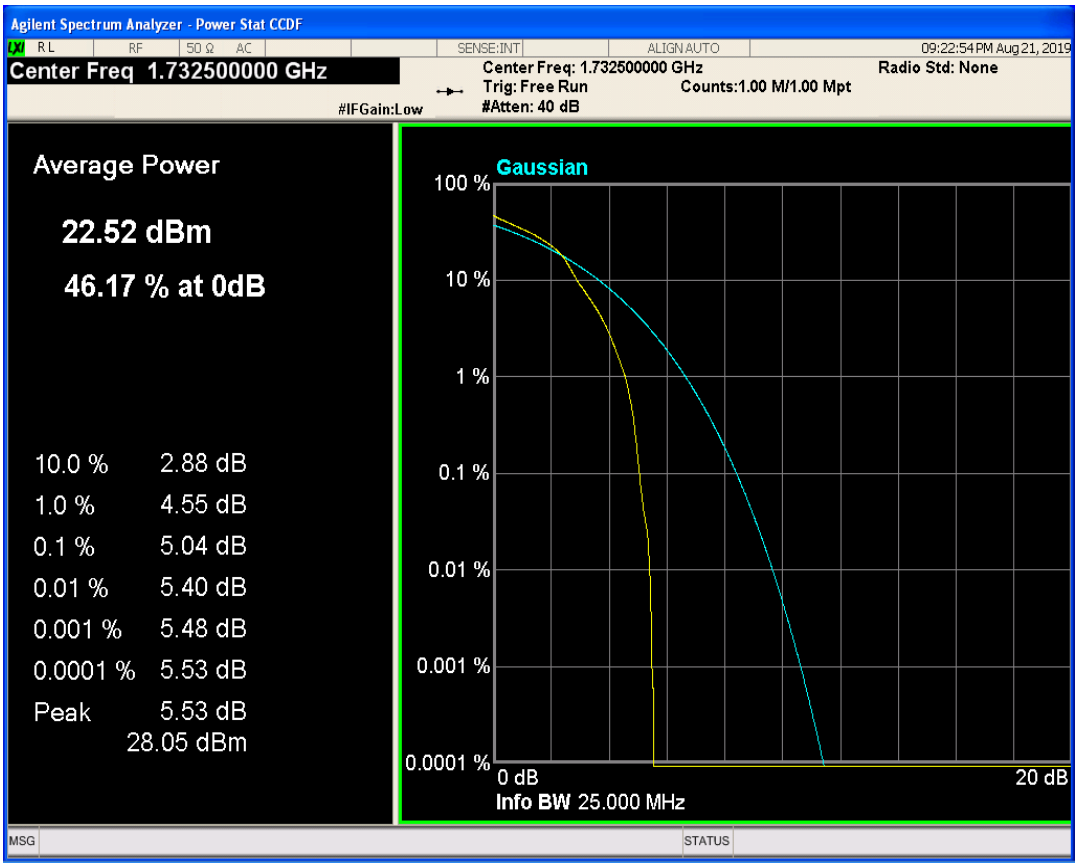
LTE Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



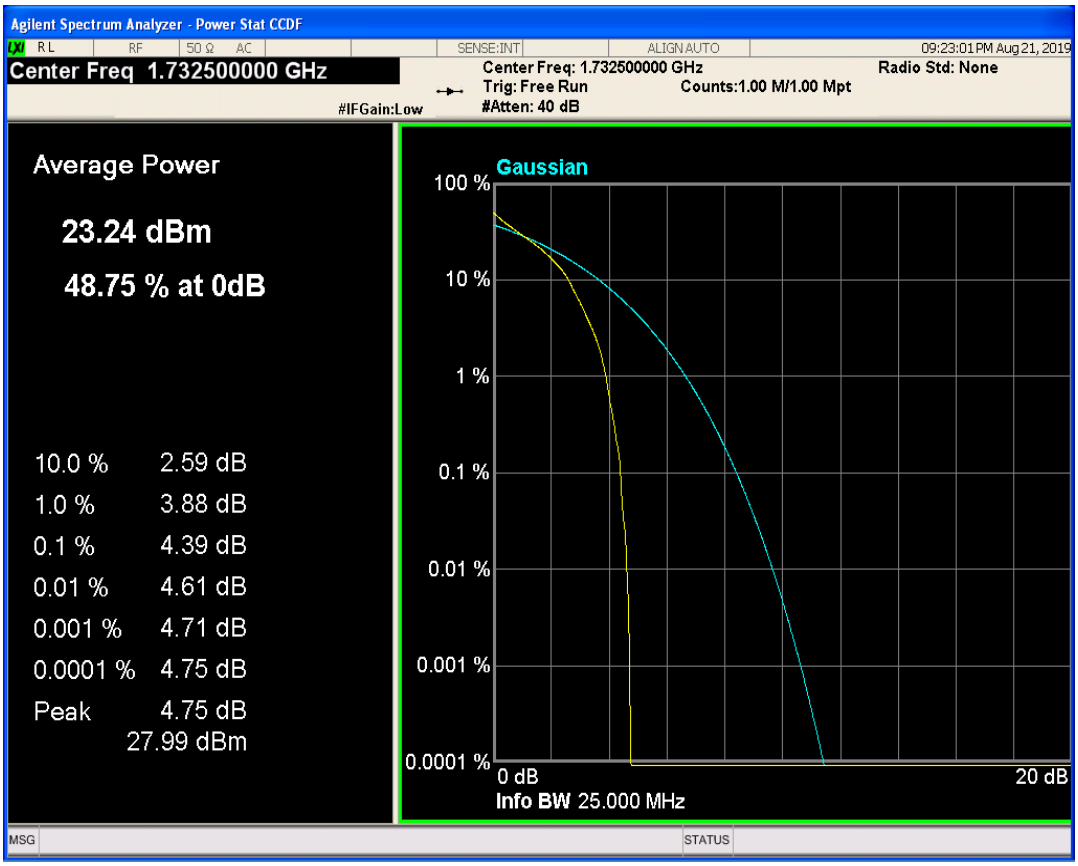
LTE Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



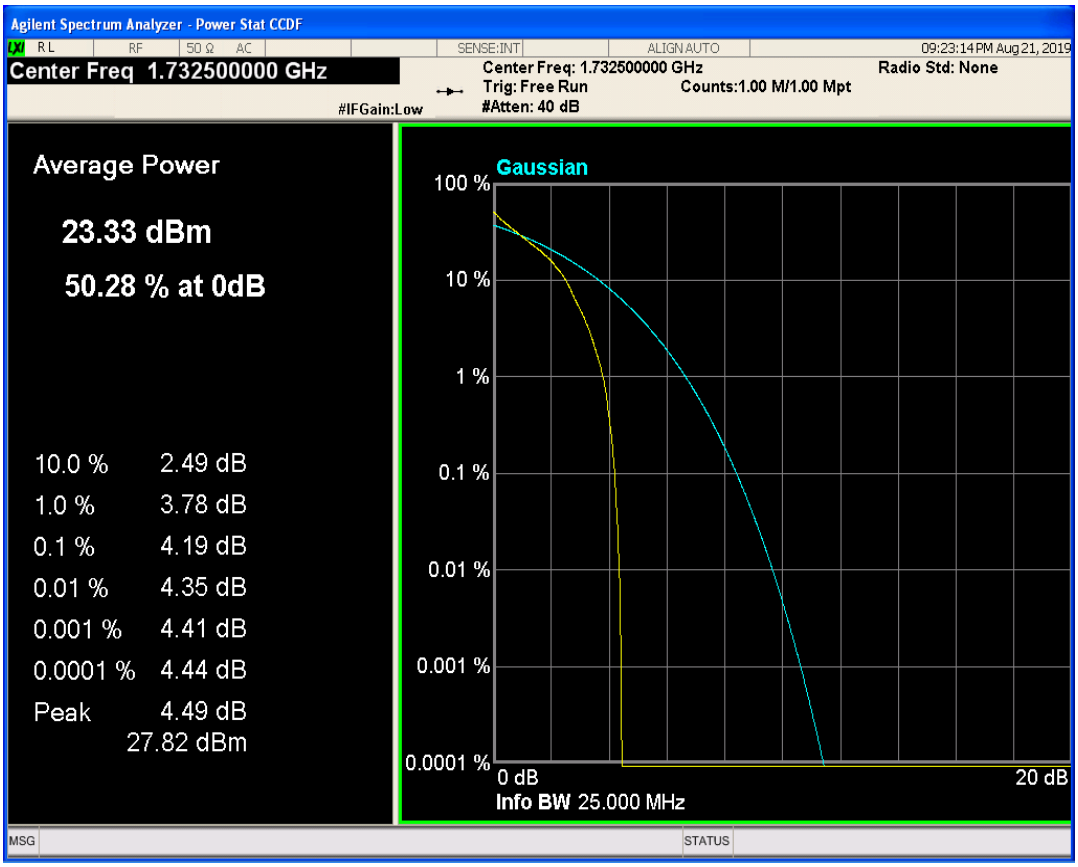
LTE Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



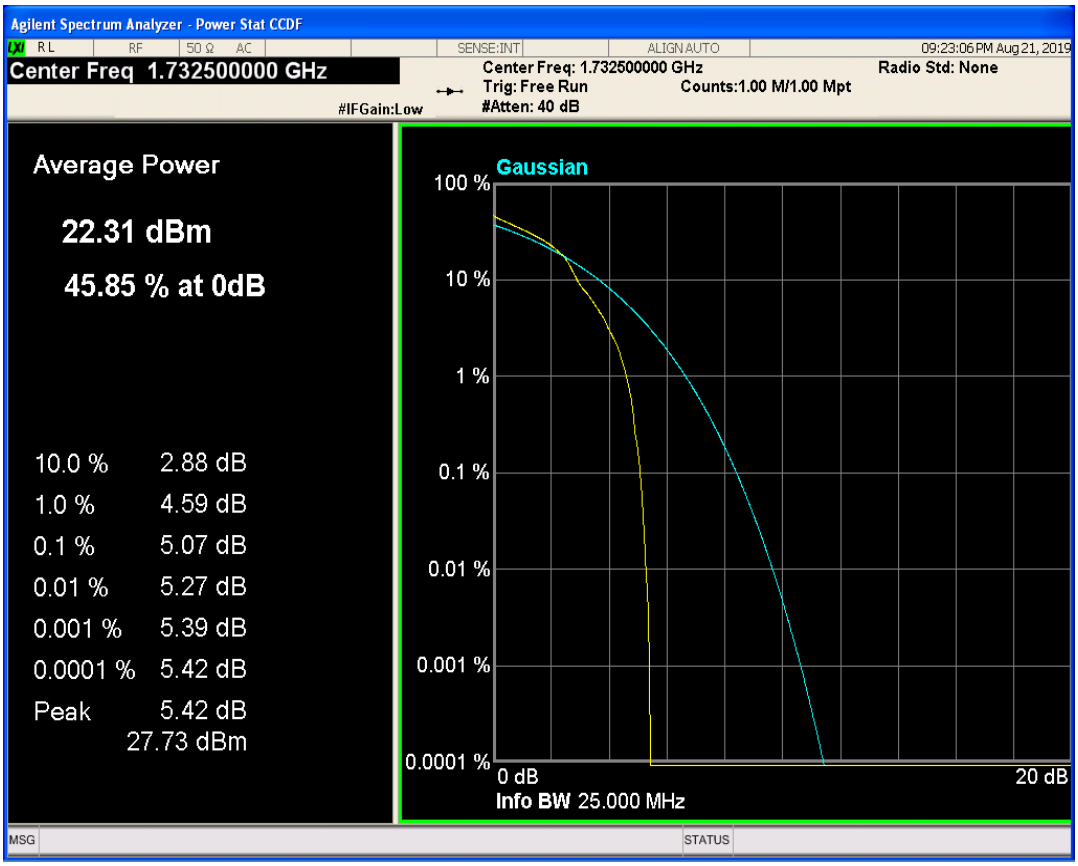
LTE Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



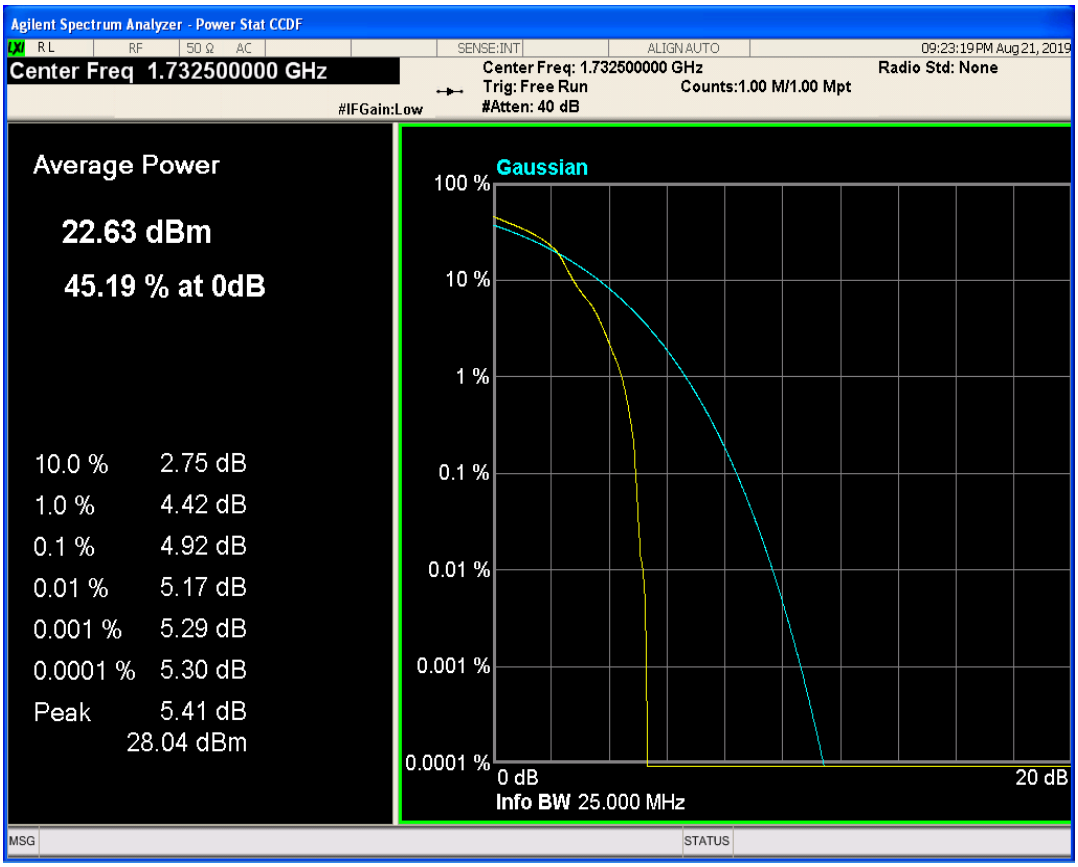
LTE Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



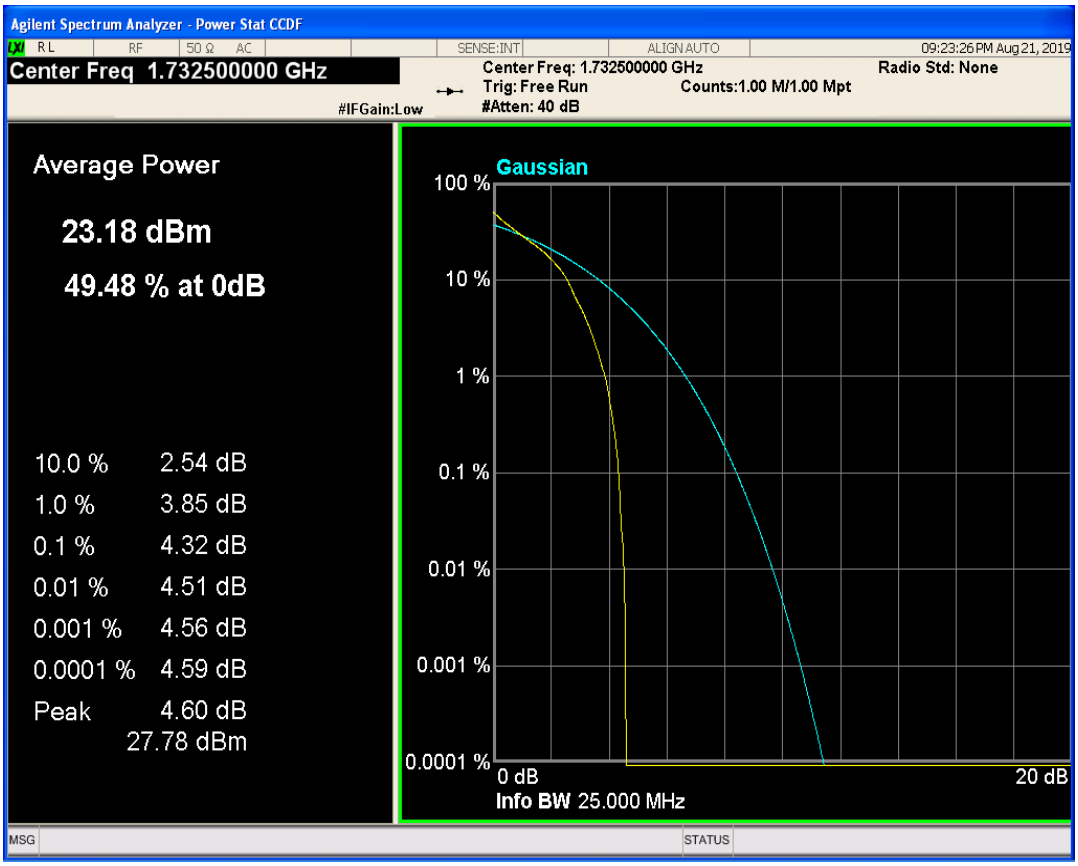
LTE Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



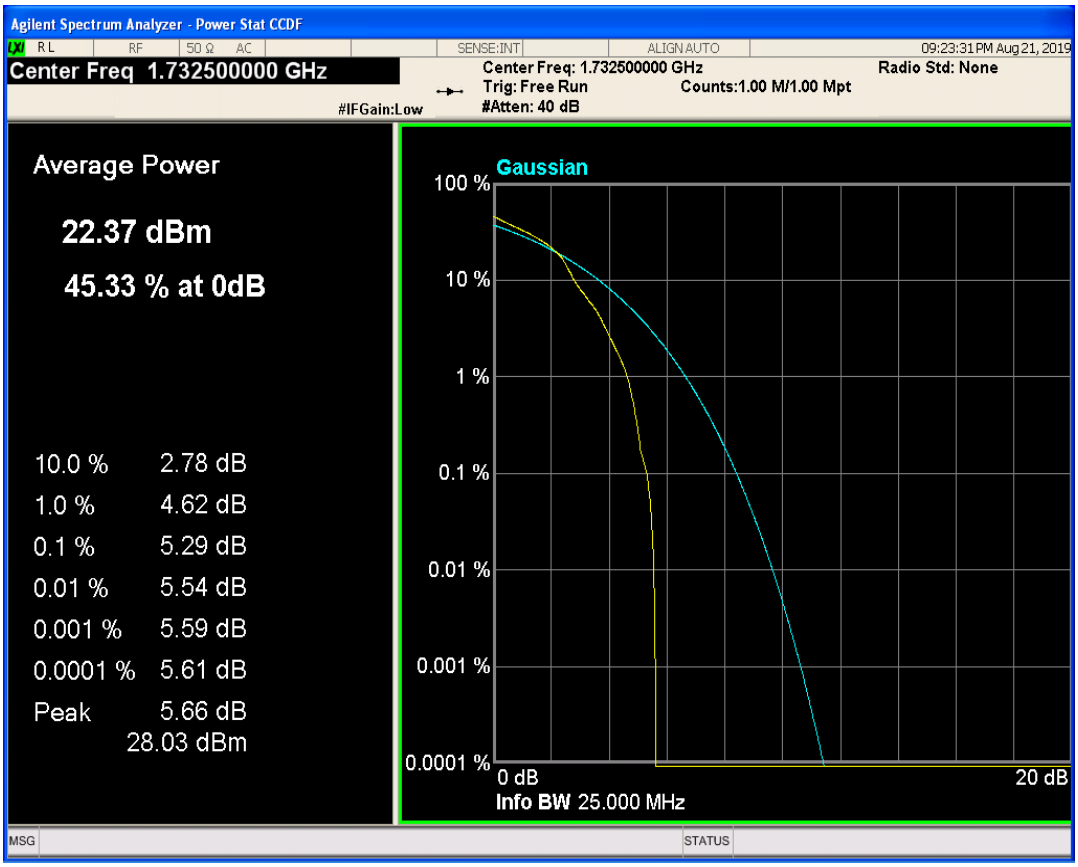
LTE Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



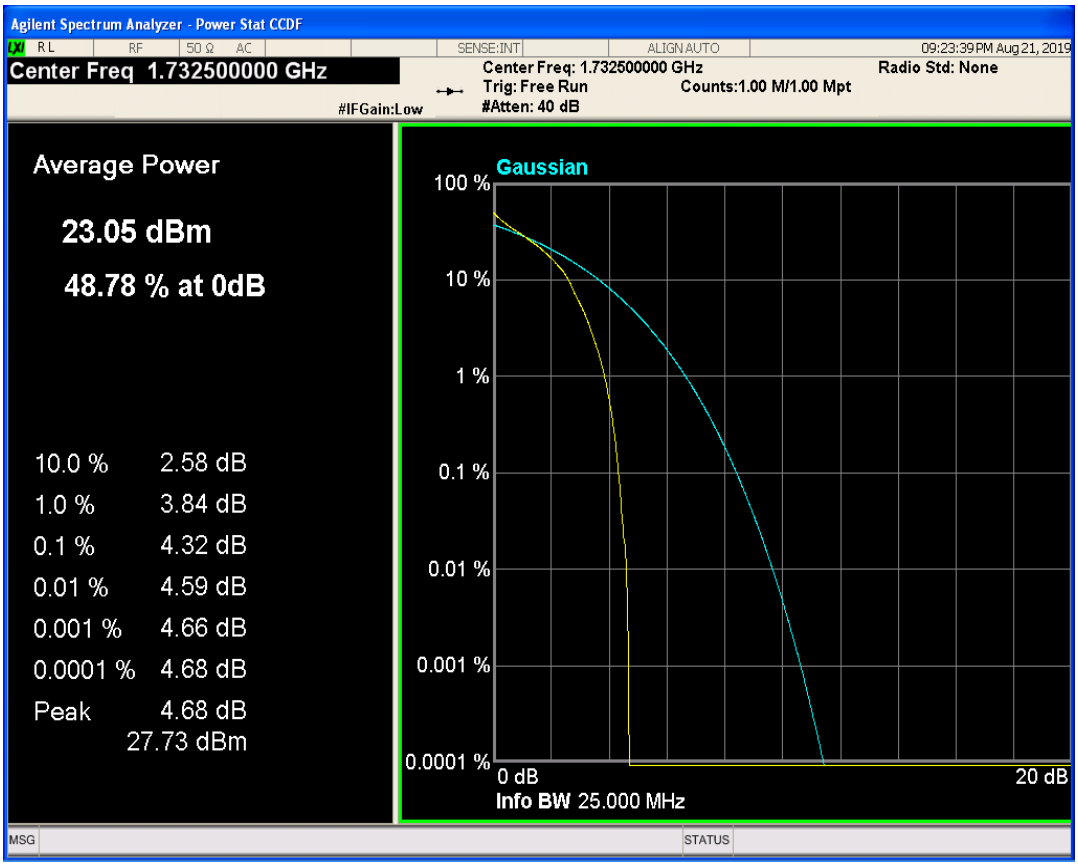
LTE Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



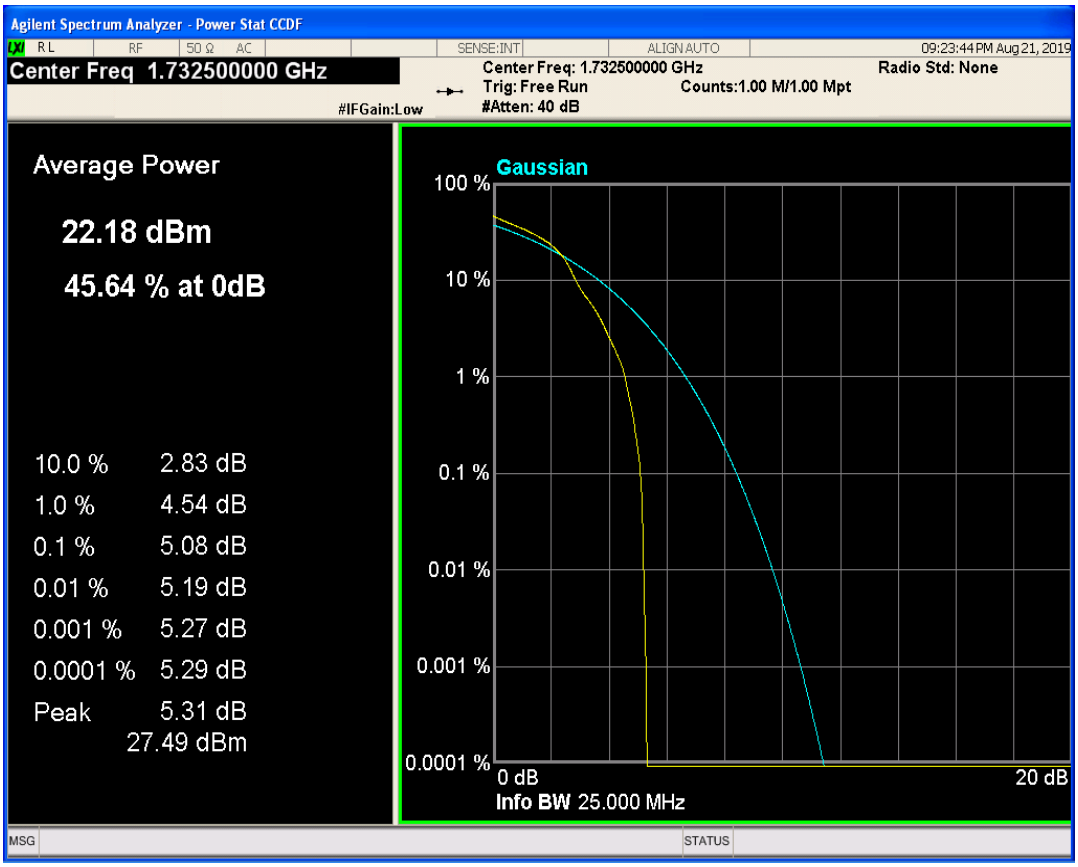
LTE Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



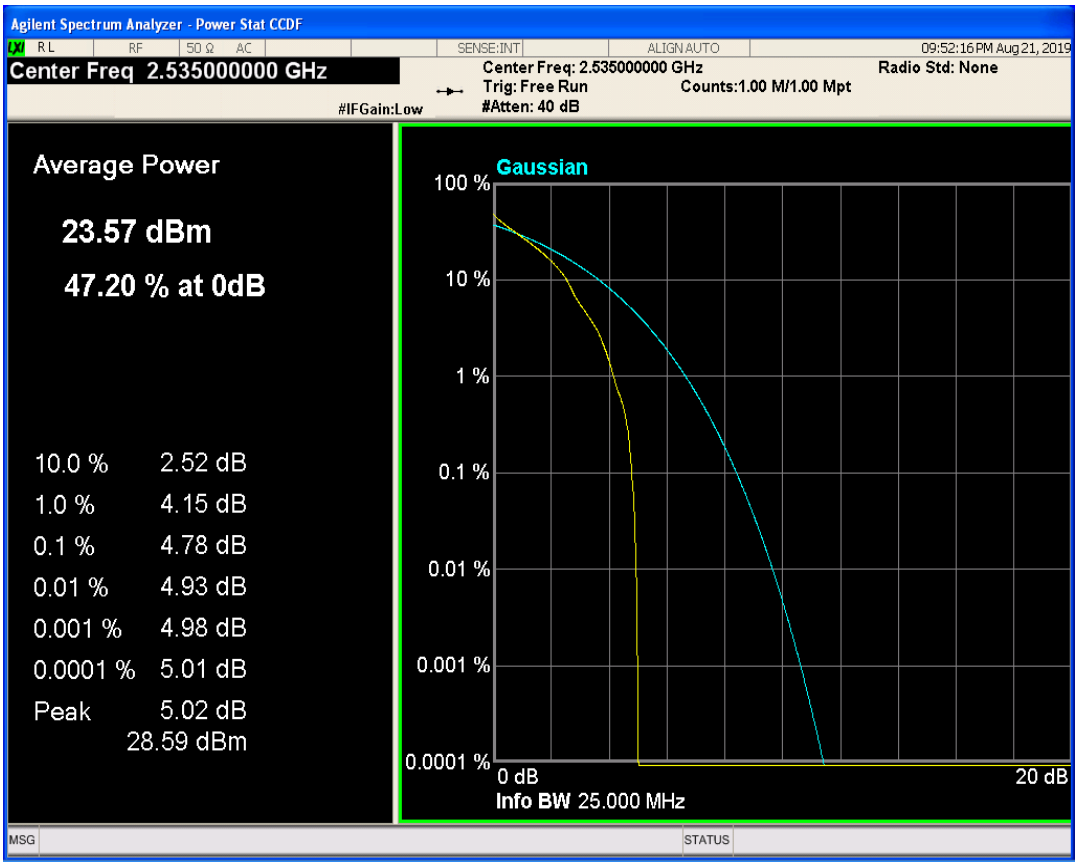
LTE Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



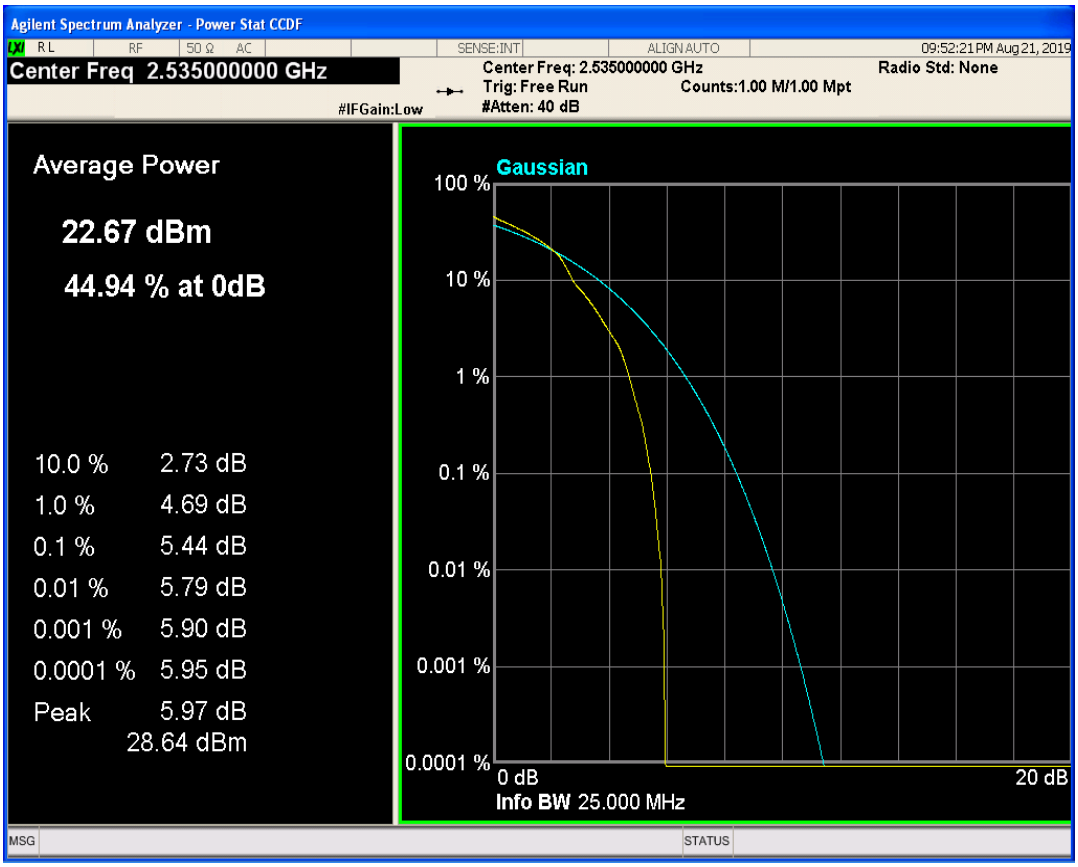
LTE Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



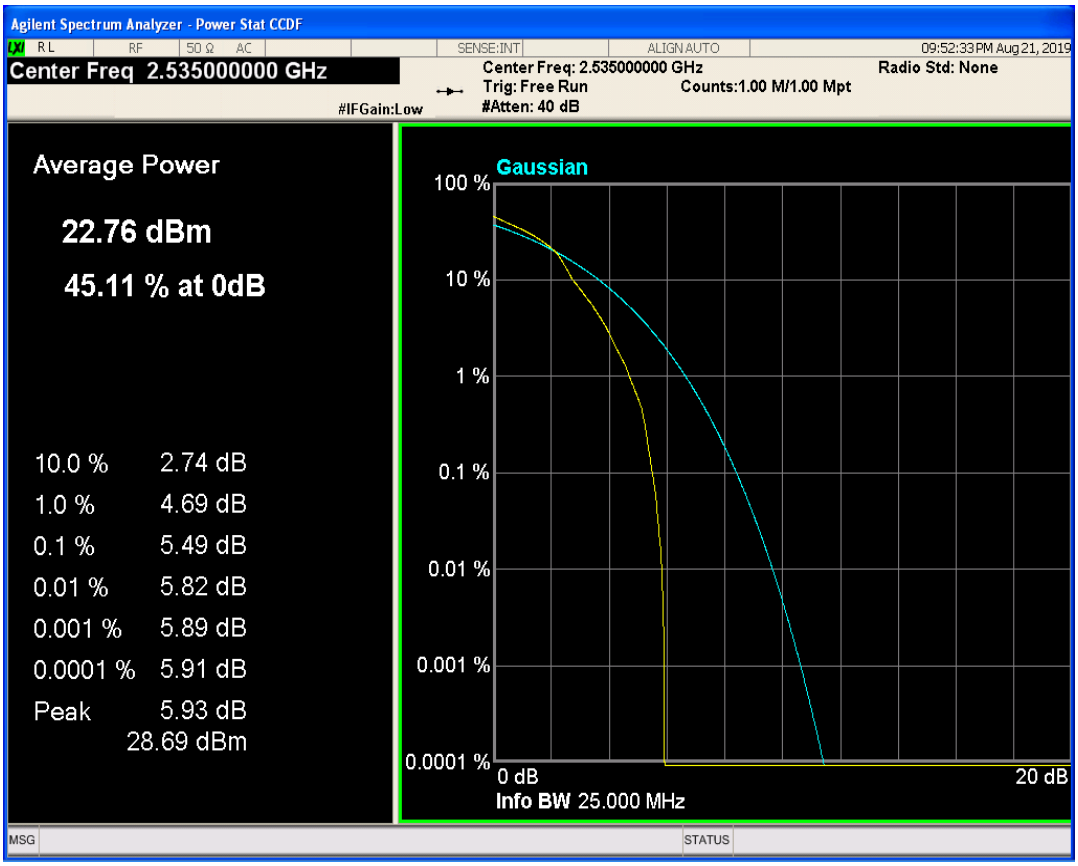
LTE Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



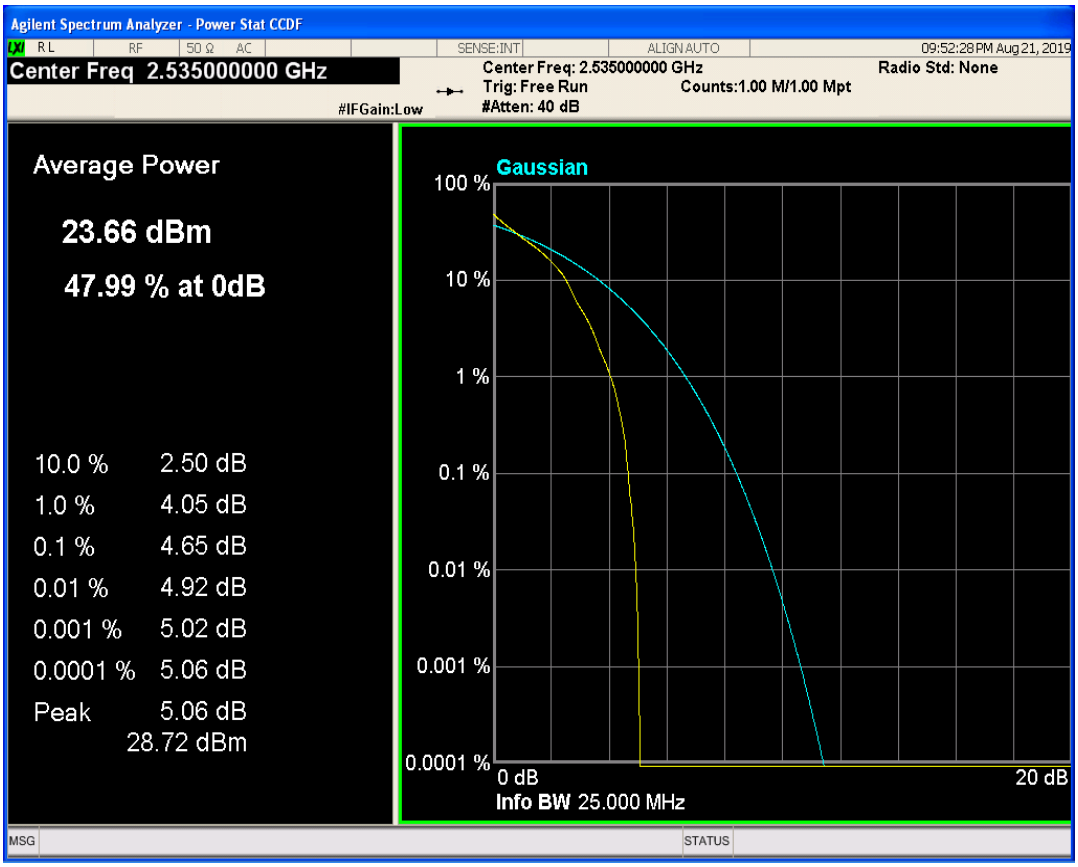
LTE Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



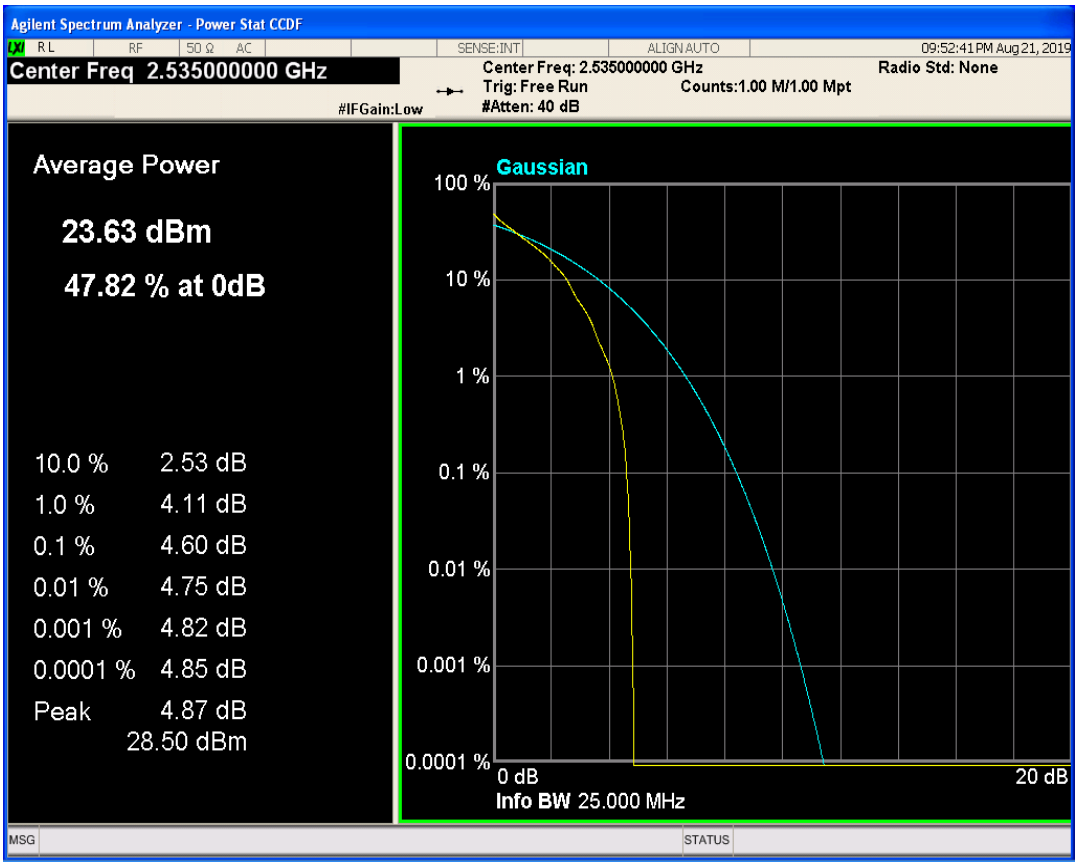
LTE Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



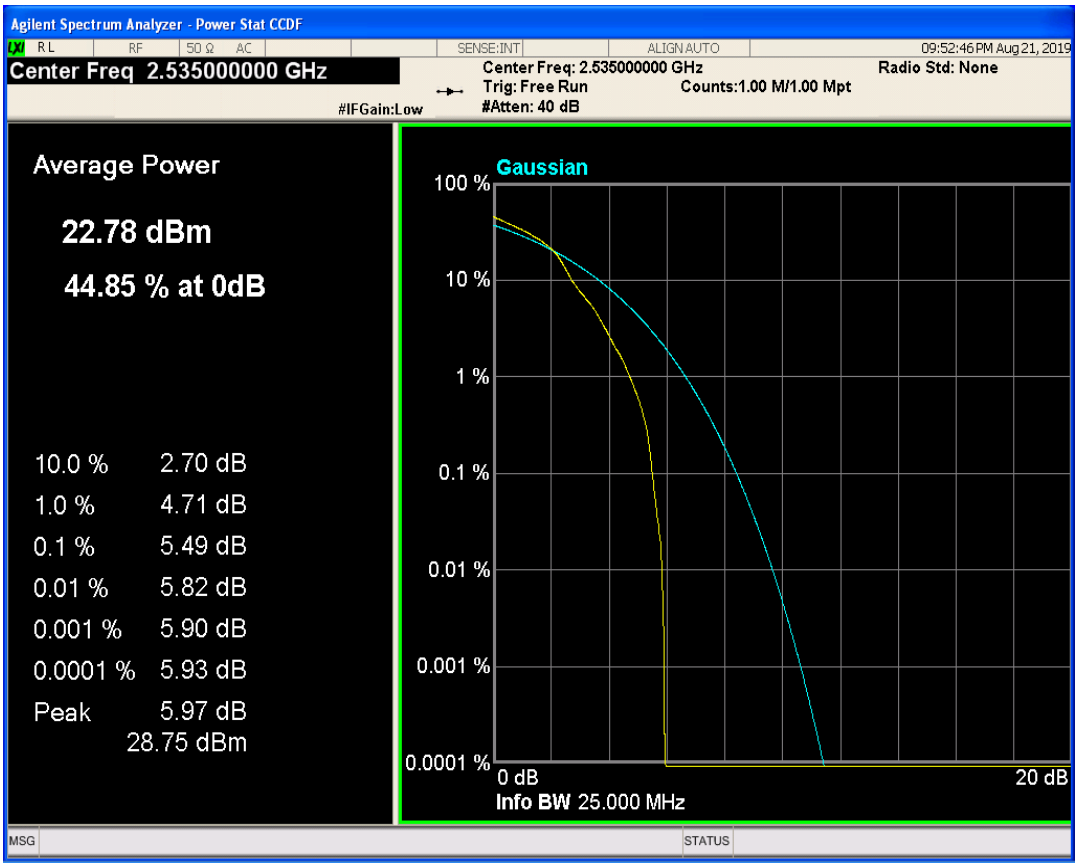
LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



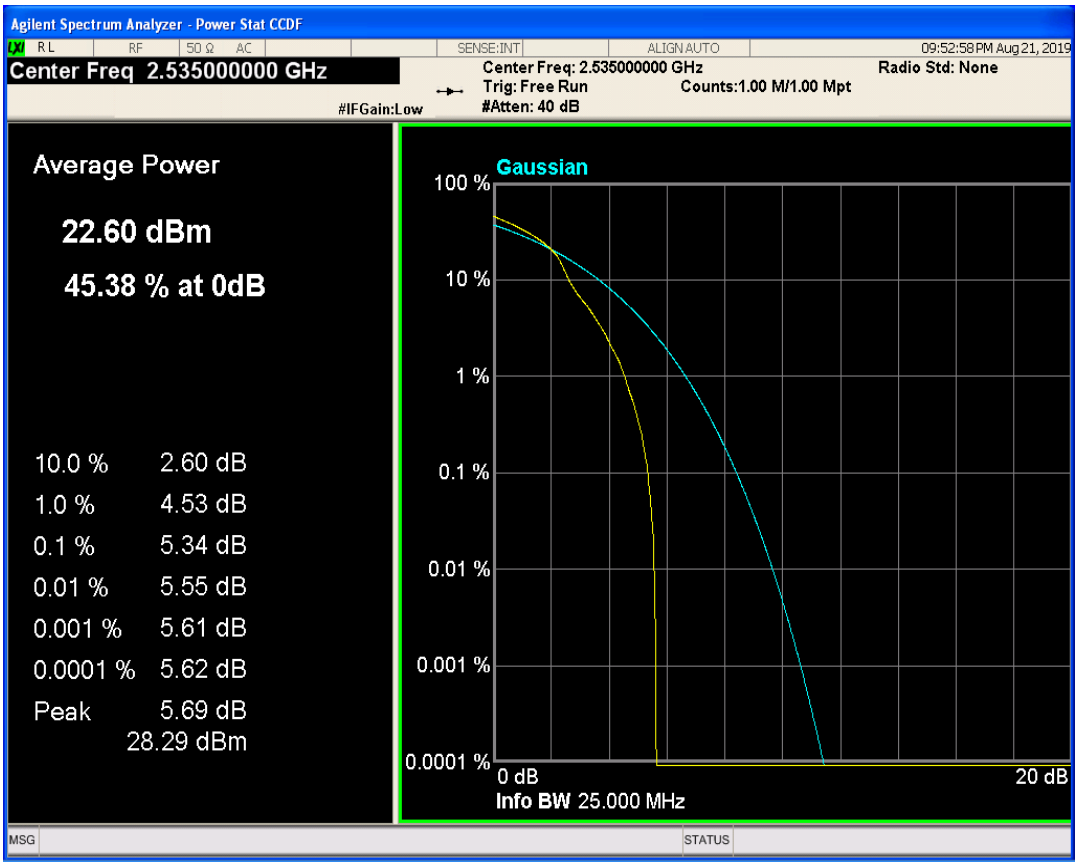
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



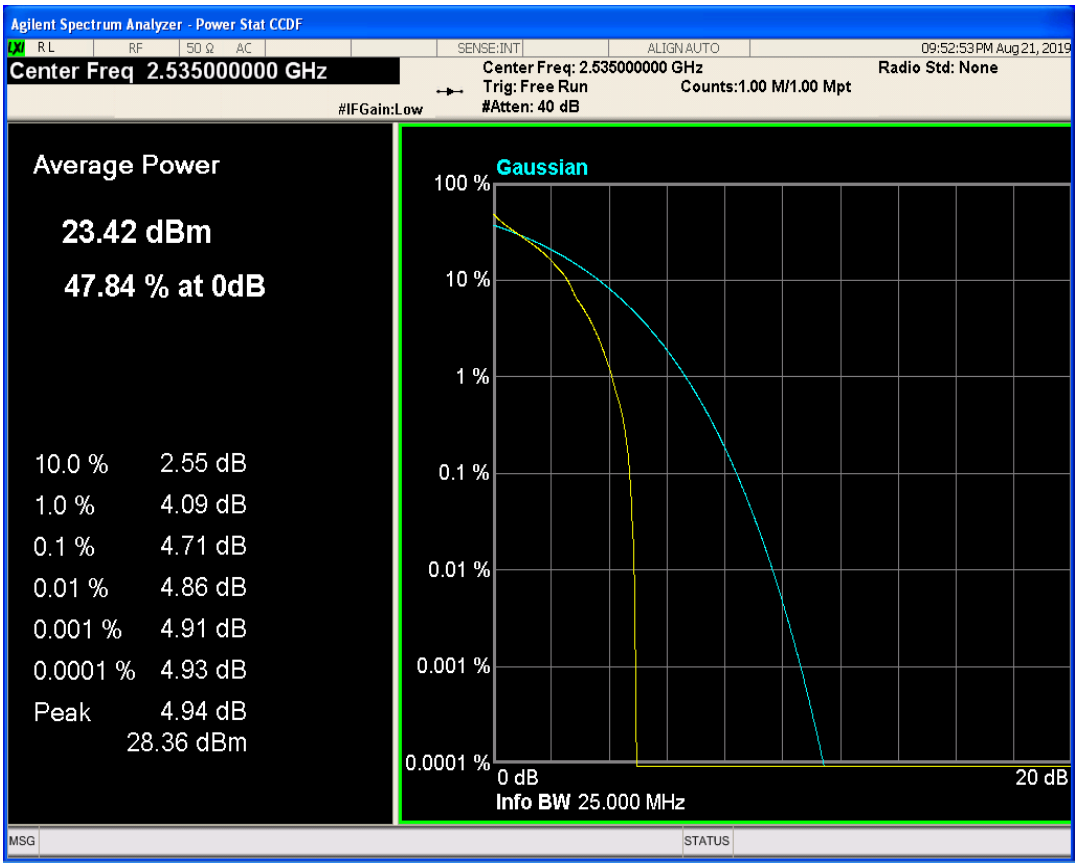
LTE Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



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



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



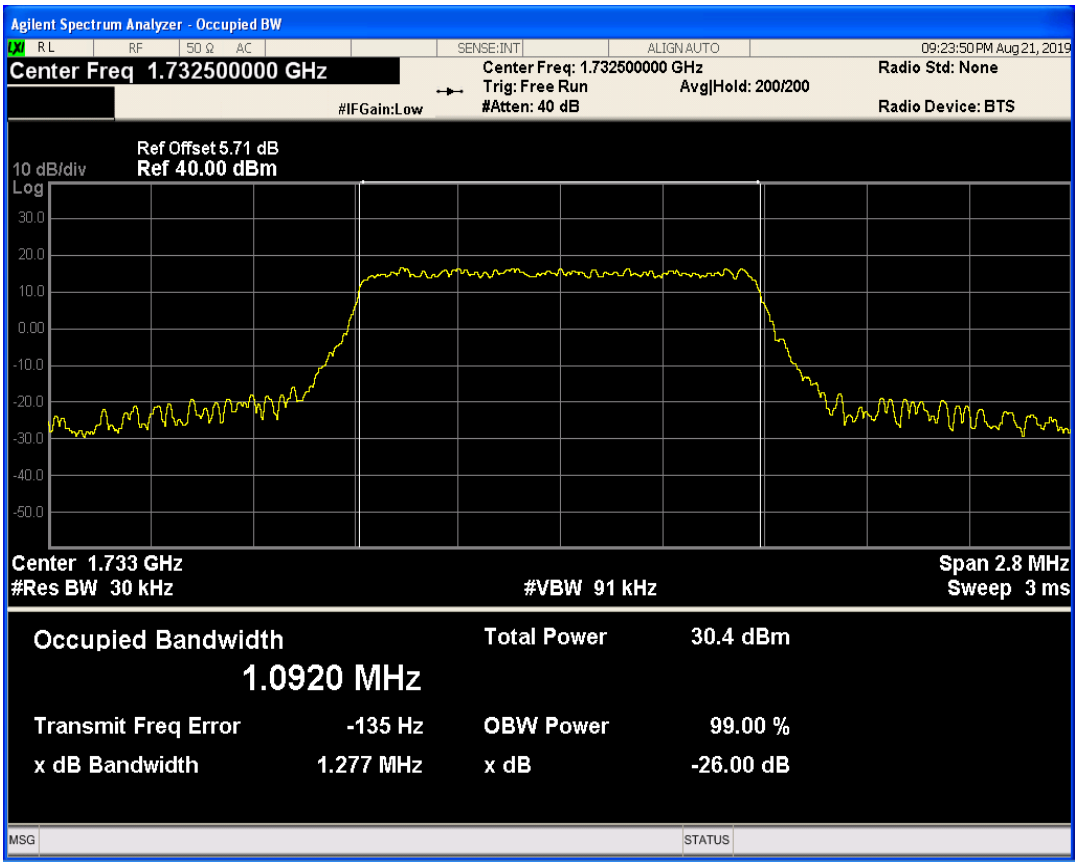
3 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
LTE Band4	1.4	20175	6	#0	QPSK	1.092	1.277	PASS
LTE Band4	1.4	20175	6	#0	QAM16	1.103	1.298	PASS
LTE Band4	3	20175	15	#0	QPSK	2.689	2.914	PASS
LTE Band4	3	20175	15	#0	QAM16	2.687	2.909	PASS
LTE Band4	5	20175	25	#0	QPSK	4.541	5.171	PASS
LTE Band4	5	20175	25	#0	QAM16	4.523	5.092	PASS
LTE Band4	10	20175	50	#0	QPSK	9.021	9.825	PASS
LTE Band4	10	20175	50	#0	QAM16	9.016	10.032	PASS
LTE Band4	15	20175	75	#0	QPSK	13.540	14.937	PASS
LTE Band4	15	20175	75	#0	QAM16	13.489	14.727	PASS

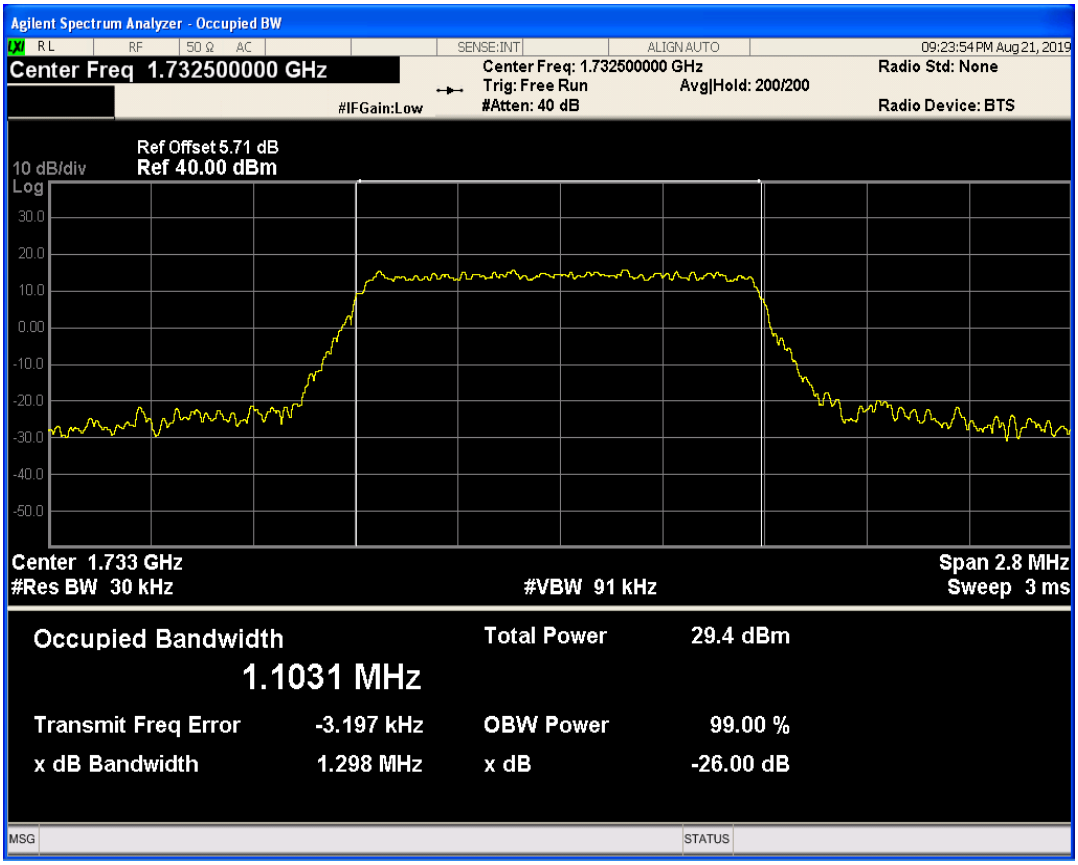
LTE Band4	20	20175	100	#0	QPSK	17.950	19.530	PASS
LTE Band4	20	20175	100	#0	QAM16	17.950	22.259	PASS
LTE Band7	5	21100	1	#0	QPSK	0.718	1.066	PASS
LTE Band7	5	21100	12	#0	QPSK	2.300	2.959	PASS
LTE Band7	5	21100	25	#0	QPSK	4.556	5.146	PASS
LTE Band7	5	21100	1	#0	QAM16	0.733	1.108	PASS
LTE Band7	5	21100	12	#0	QAM16	2.278	2.908	PASS
LTE Band7	5	21100	25	#0	QAM16	4.521	5.150	PASS
LTE Band7	10	21100	1	#0	QPSK	1.145	1.499	PASS
LTE Band7	10	21100	25	#0	QPSK	4.641	5.525	PASS
LTE Band7	10	21100	50	#0	QPSK	9.010	10.035	PASS
LTE Band7	10	21100	1	#0	QAM16	1.133	1.566	PASS
LTE Band7	10	21100	25	#0	QAM16	4.625	5.673	PASS
LTE Band7	10	21100	50	#0	QAM16	9.025	9.866	PASS
LTE Band7	15	21100	1	#0	QPSK	1.519	2.212	PASS
LTE Band7	15	21100	36	#0	QPSK	6.645	8.061	PASS
LTE Band7	15	21100	75	#0	QPSK	13.517	14.797	PASS
LTE Band7	15	21100	1	#0	QAM16	1.530	2.037	PASS
LTE Band7	15	21100	36	#0	QAM16	6.669	7.973	PASS
LTE Band7	15	21100	75	#0	QAM16	13.516	14.845	PASS
LTE Band7	20	21100	1	#0	QPSK	1.767	2.603	PASS
LTE Band7	20	21100	50	#0	QPSK	9.200	10.953	PASS

LTE Band7	20	21100	100	#0	QPSK	17.931	19.526	PASS
LTE Band7	20	21100	1	#0	QAM16	1.818	2.539	PASS
LTE Band7	20	21100	50	#0	QAM16	9.232	10.943	PASS
LTE Band7	20	21100	100	#0	QAM16	17.961	19.727	PASS

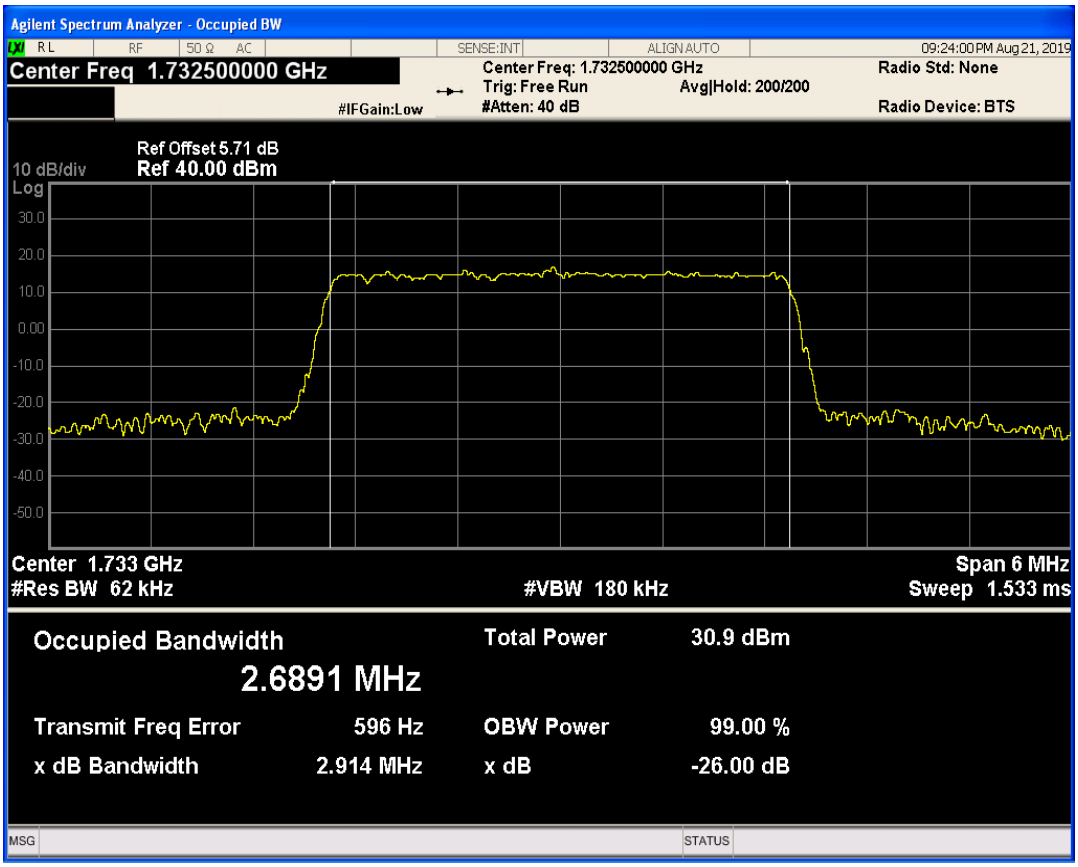
LTE Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



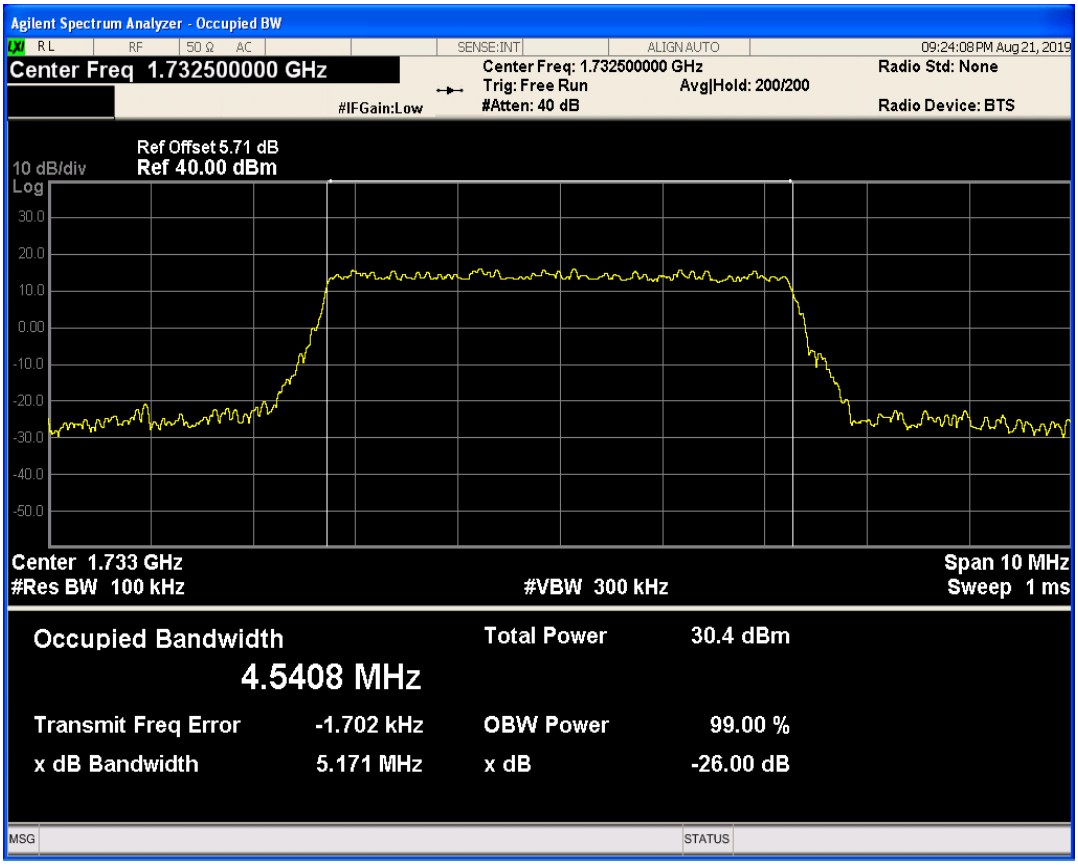
LTE Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



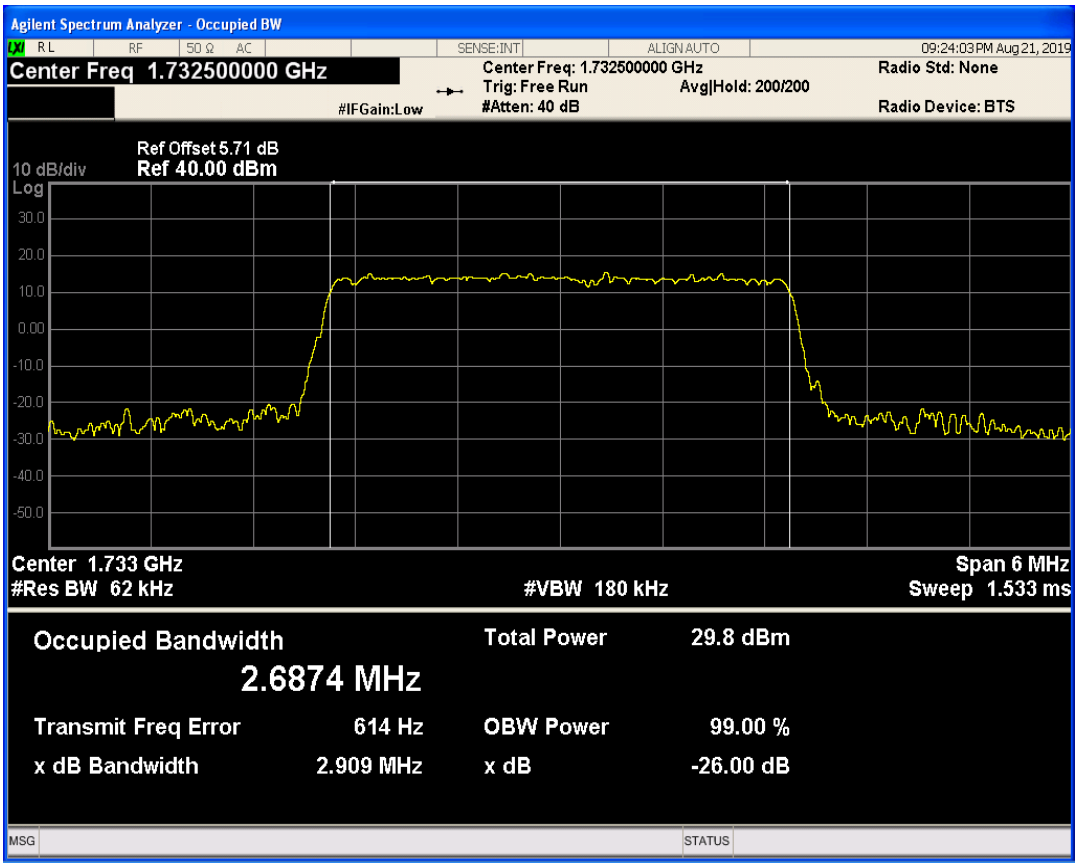
LTE Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



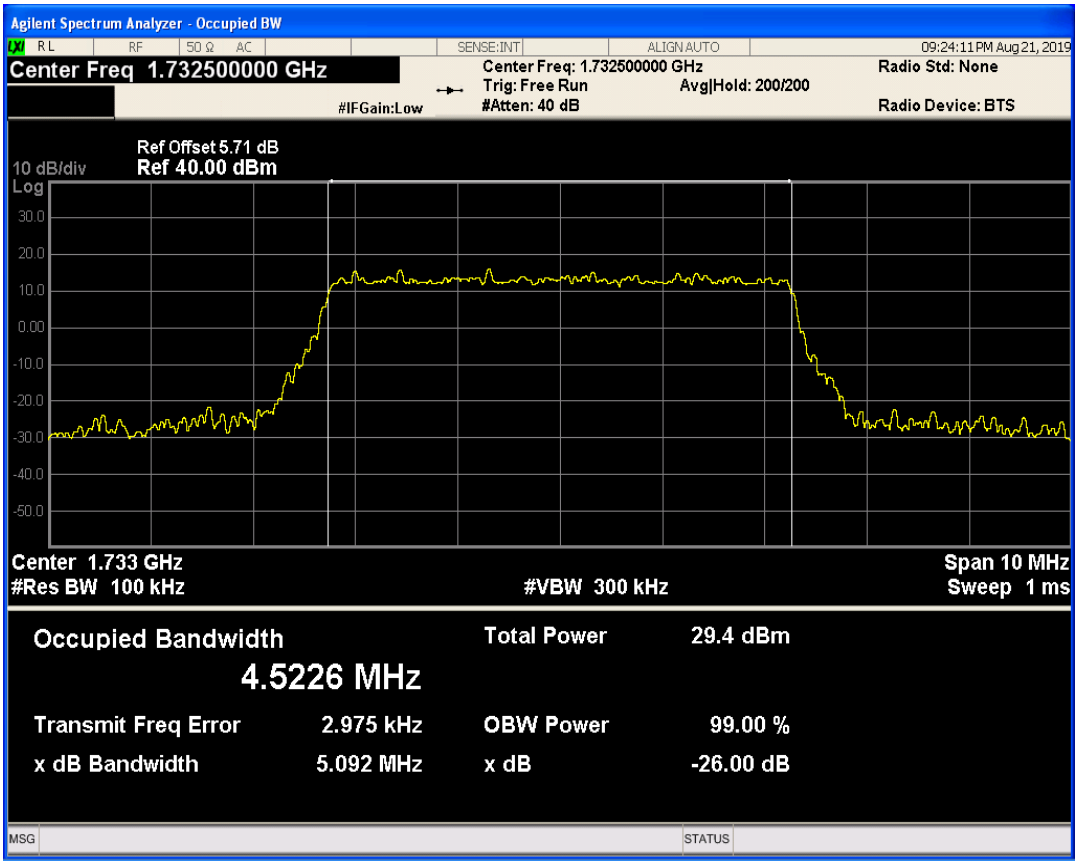
LTE Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



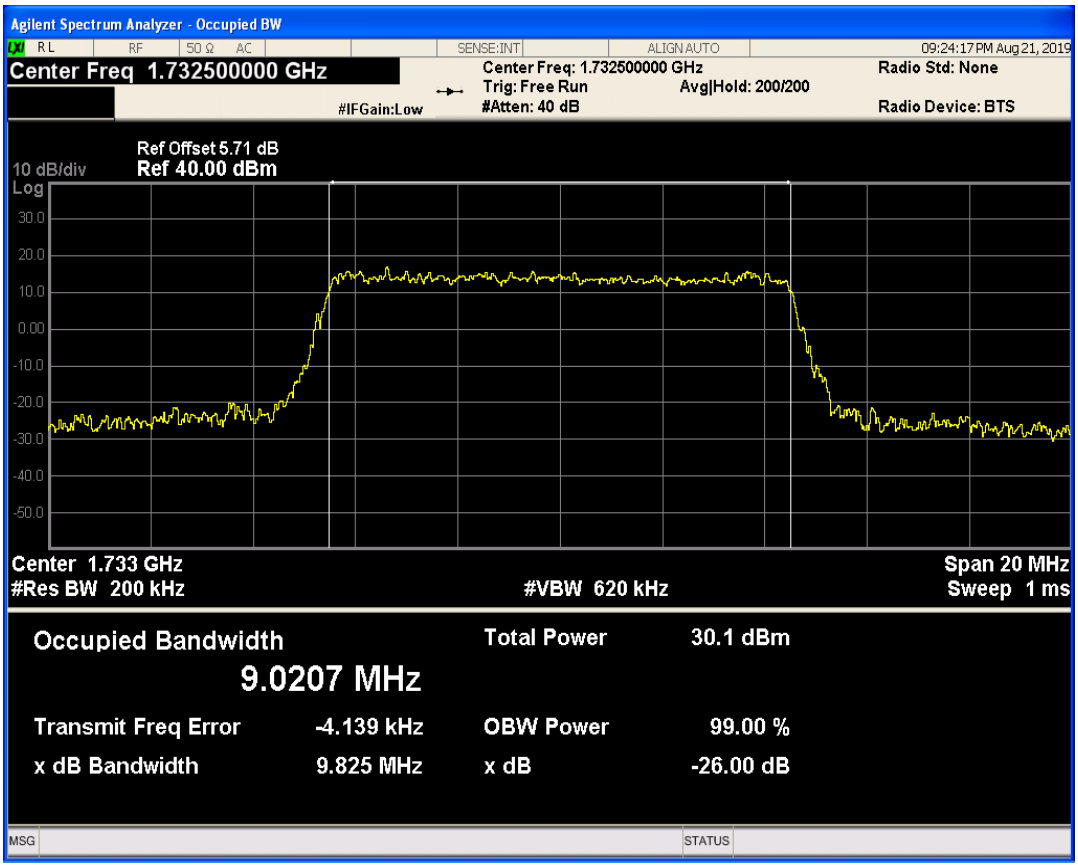
LTE Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



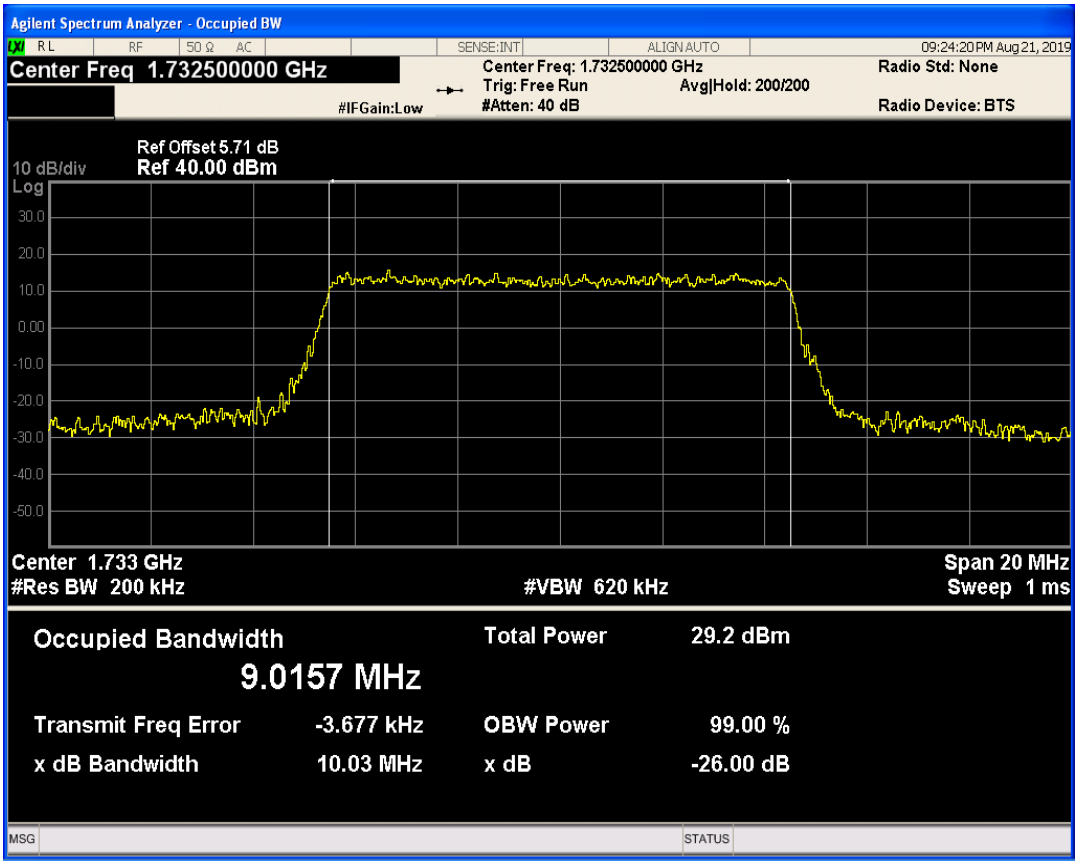
LTE Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



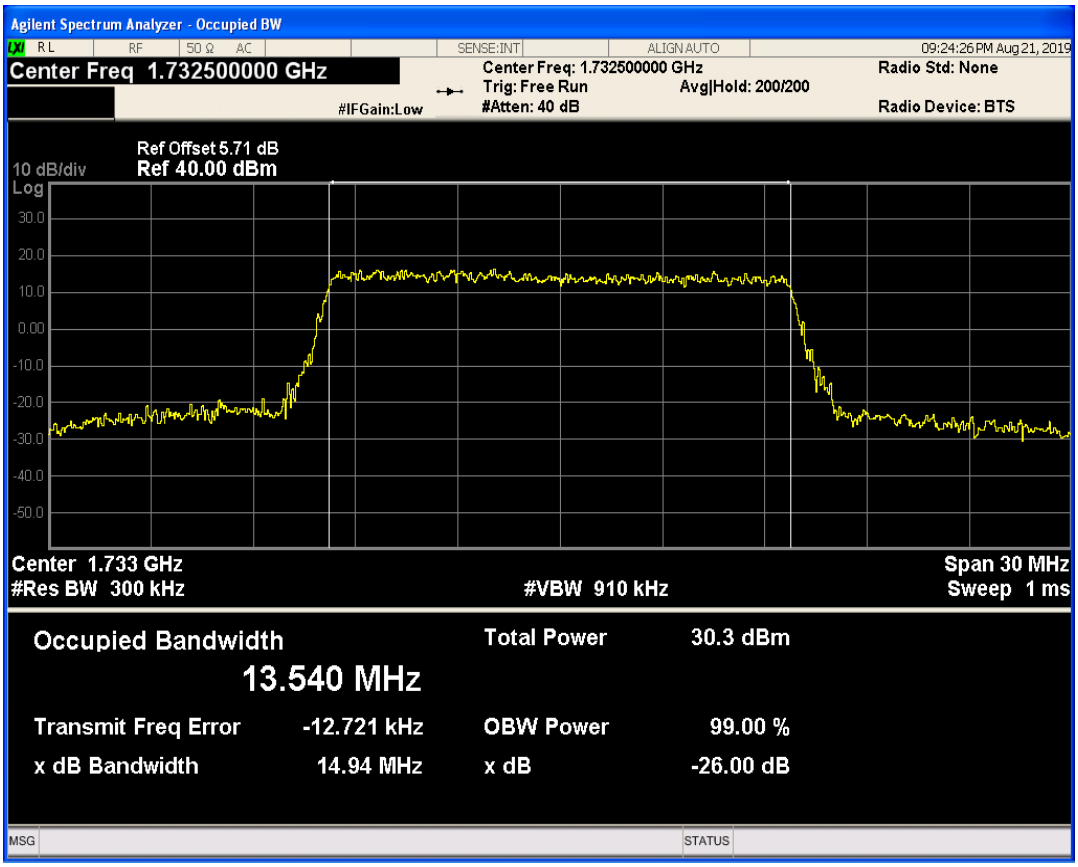
LTE Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



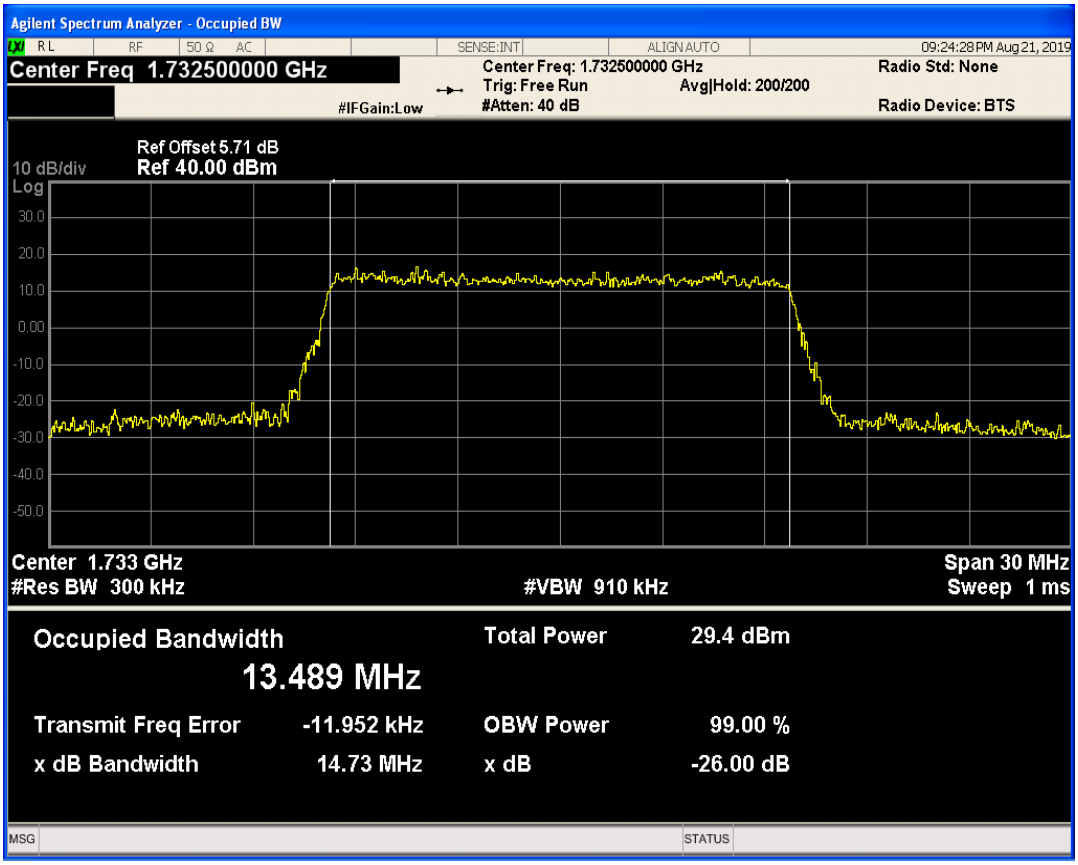
LTE Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



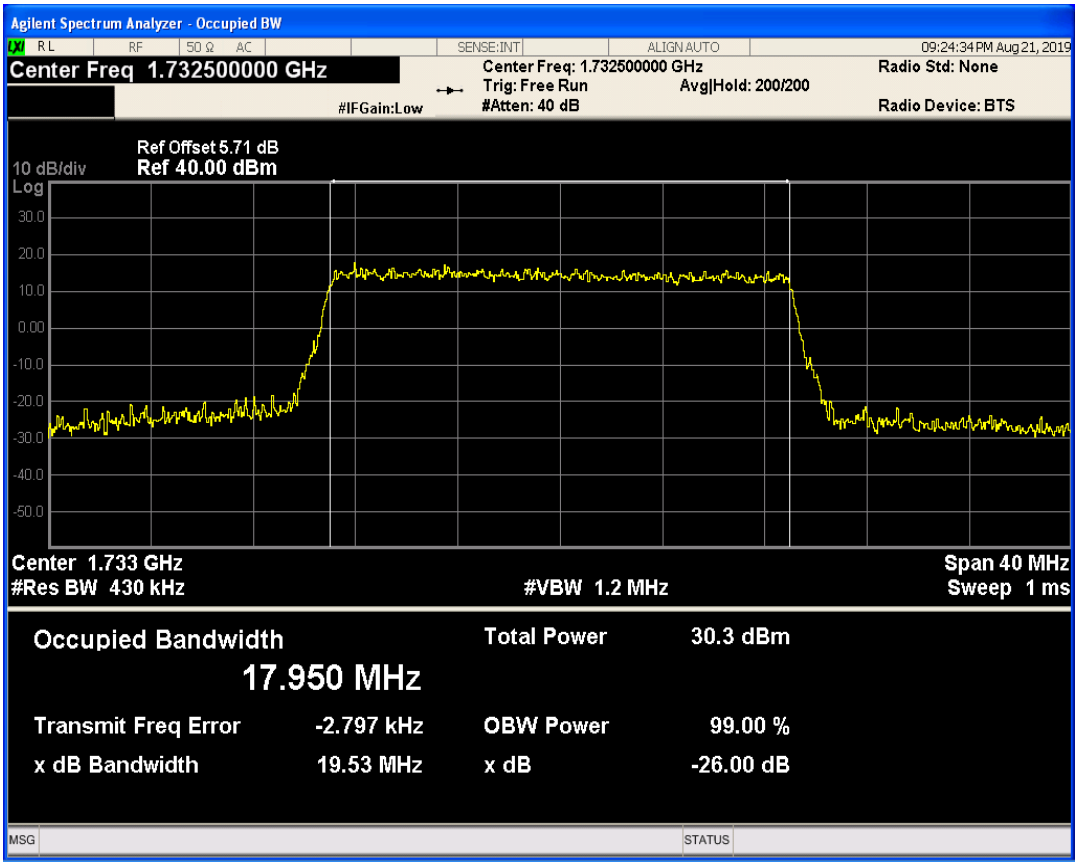
LTE Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



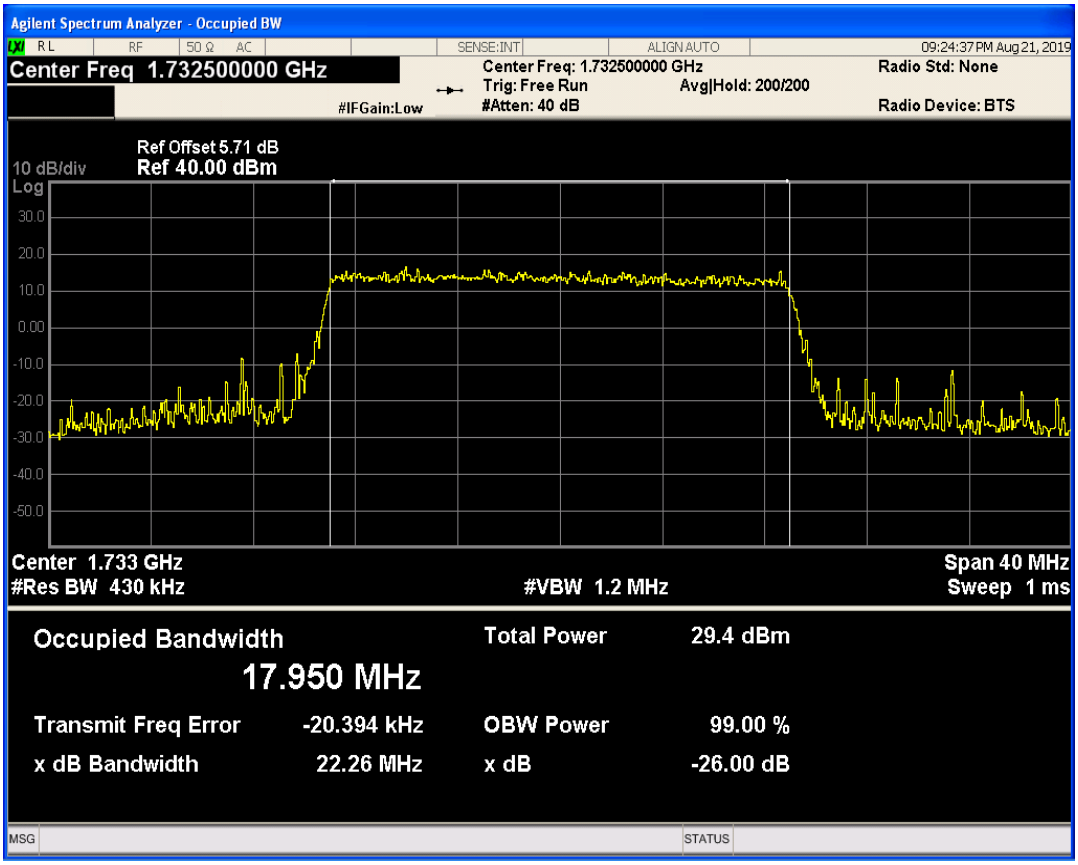
LTE Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



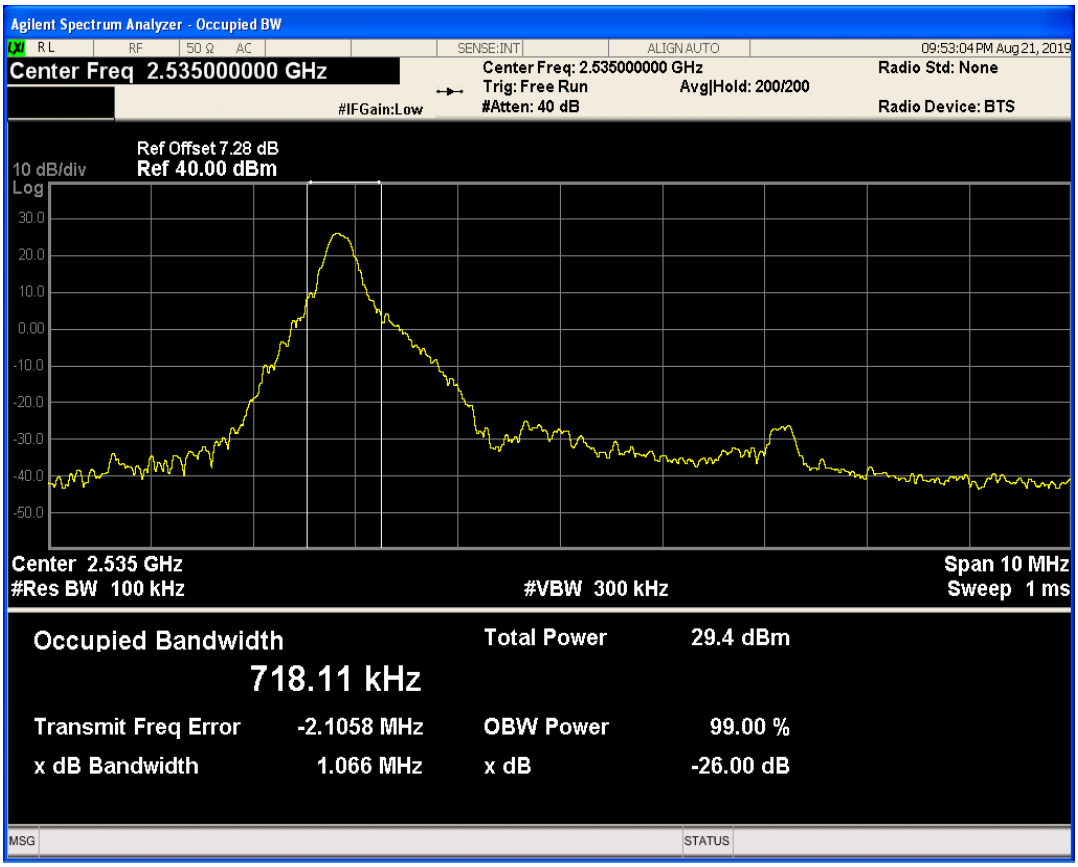
LTE Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



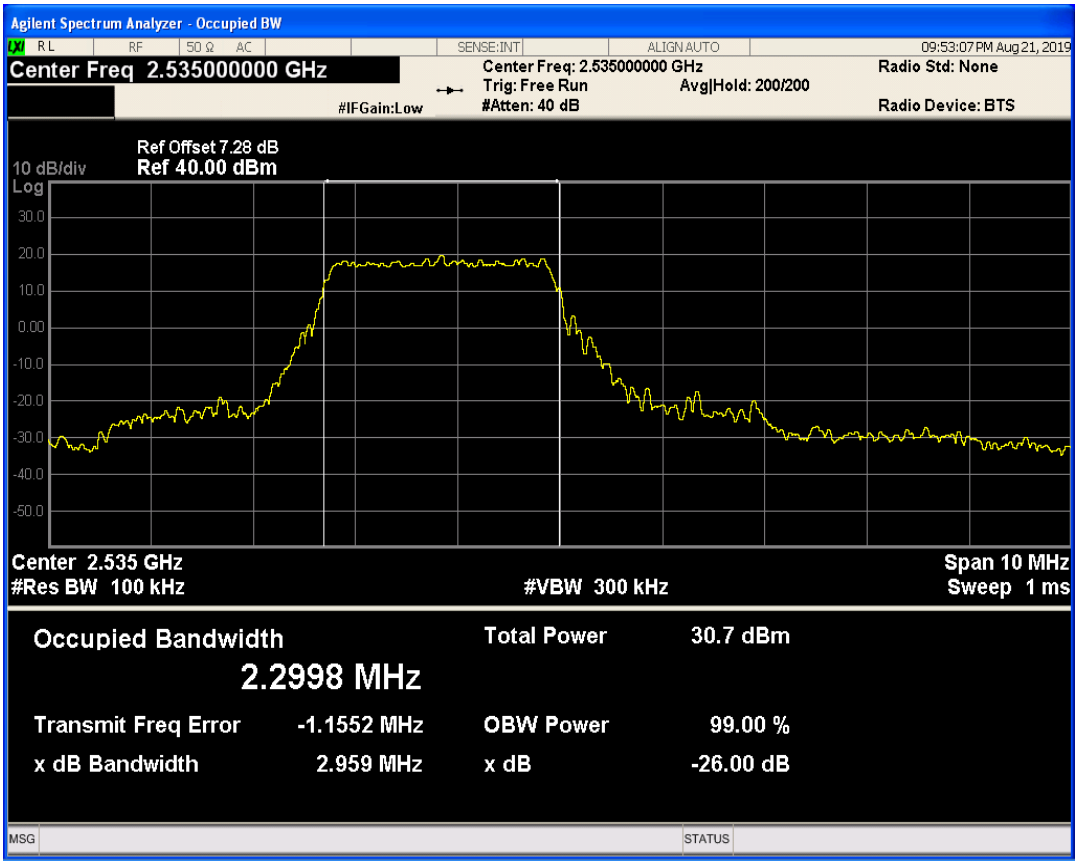
LTE Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



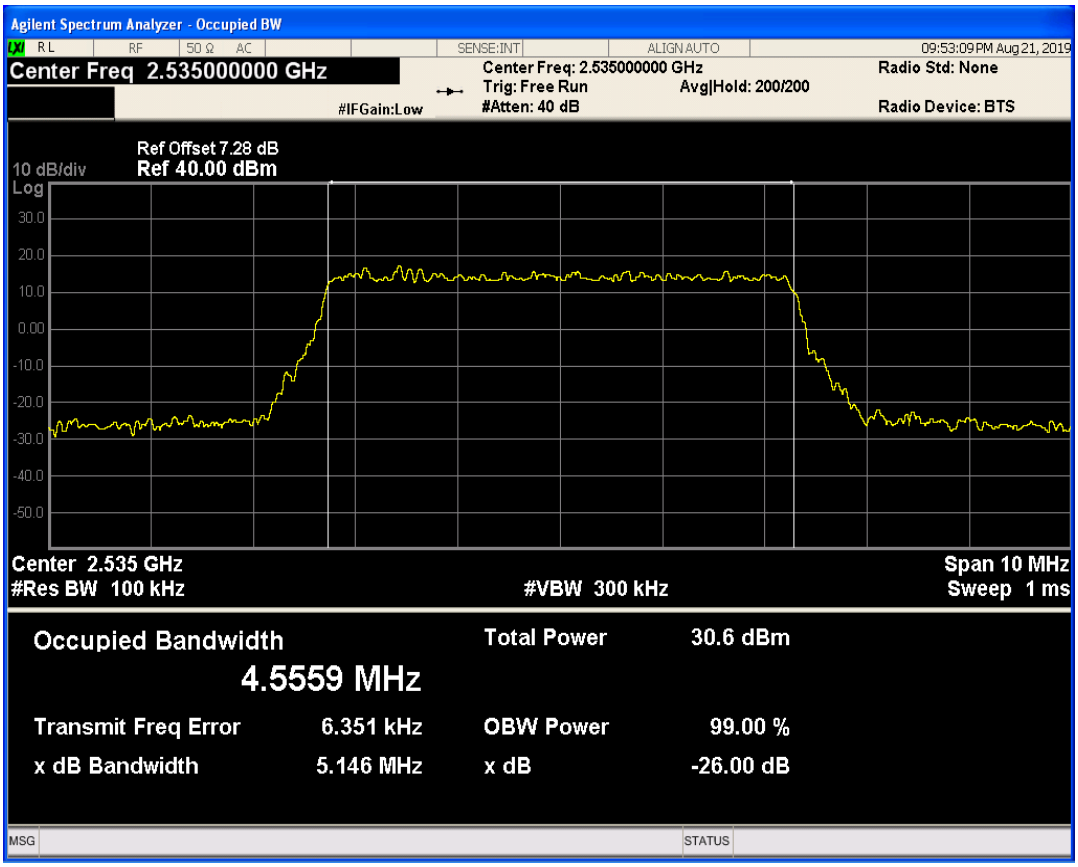
LTE Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



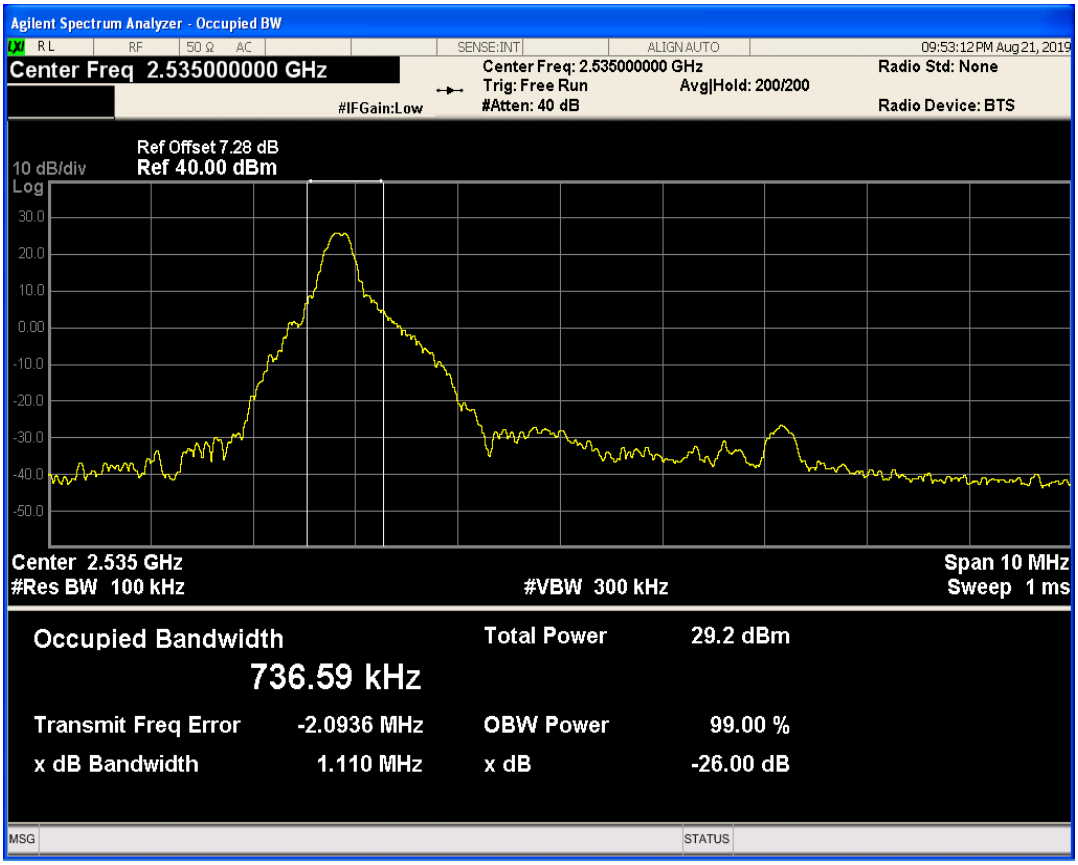
LTE Band7 QPSK BW=5MHz Channel=21100 RB Size=12 Position=#0



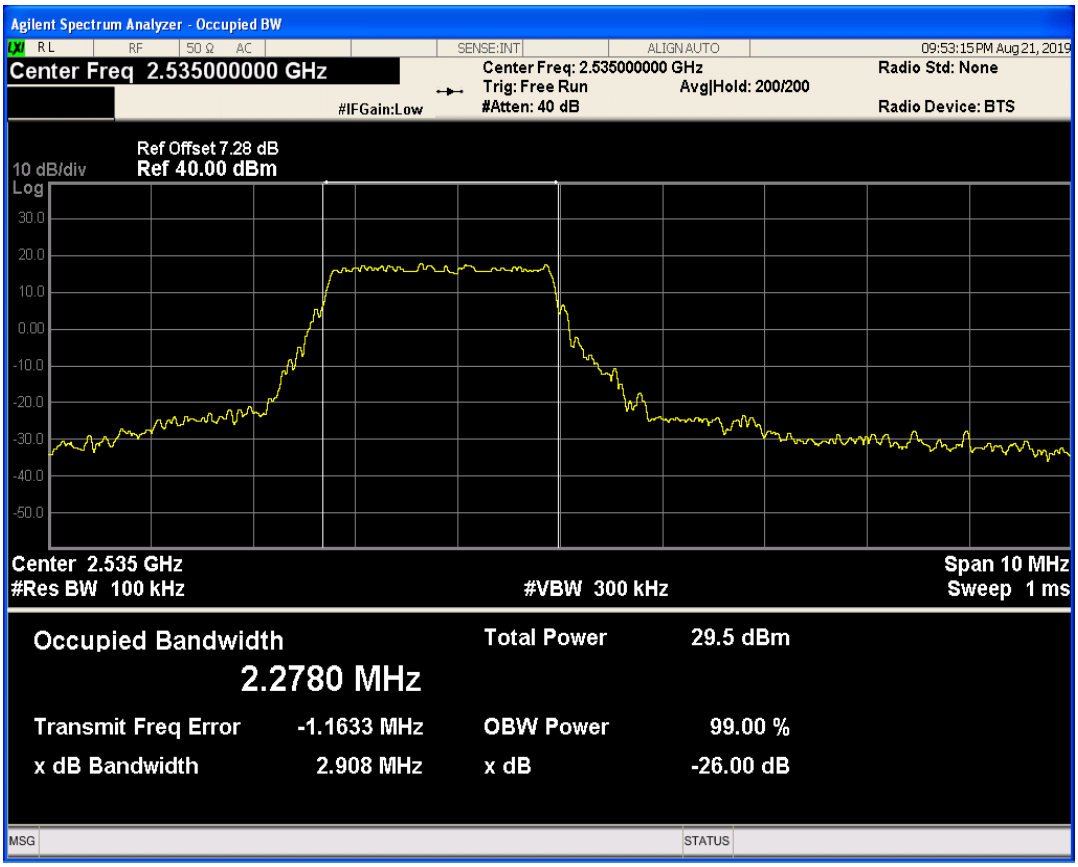
LTE Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



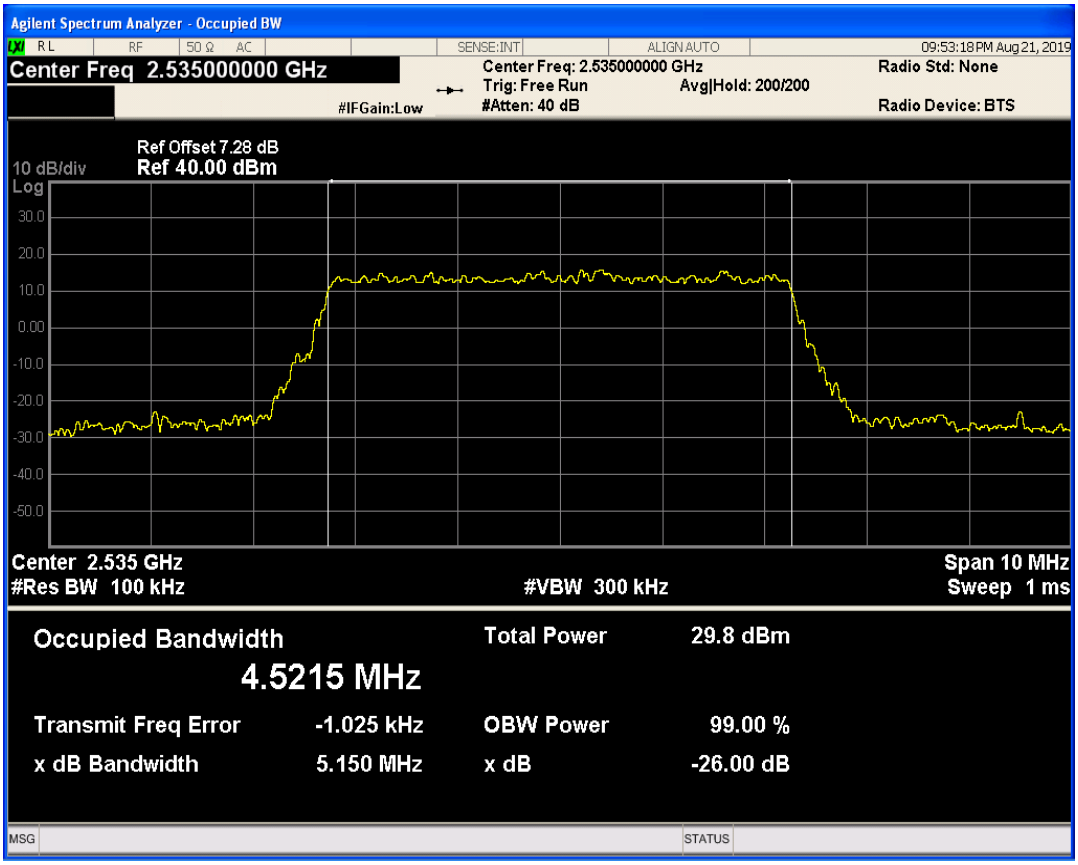
LTE Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



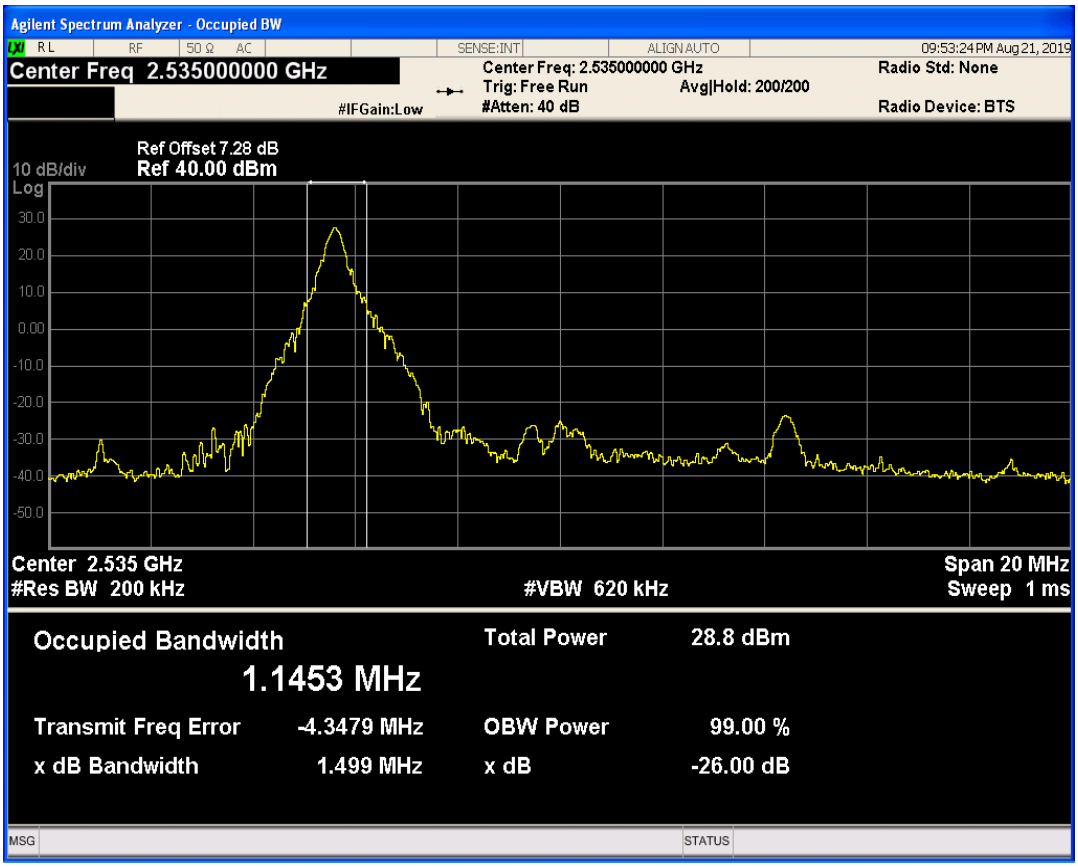
LTE Band7 QAM16 BW=5MHz Channel=21100 RB Size=12 Position=#0



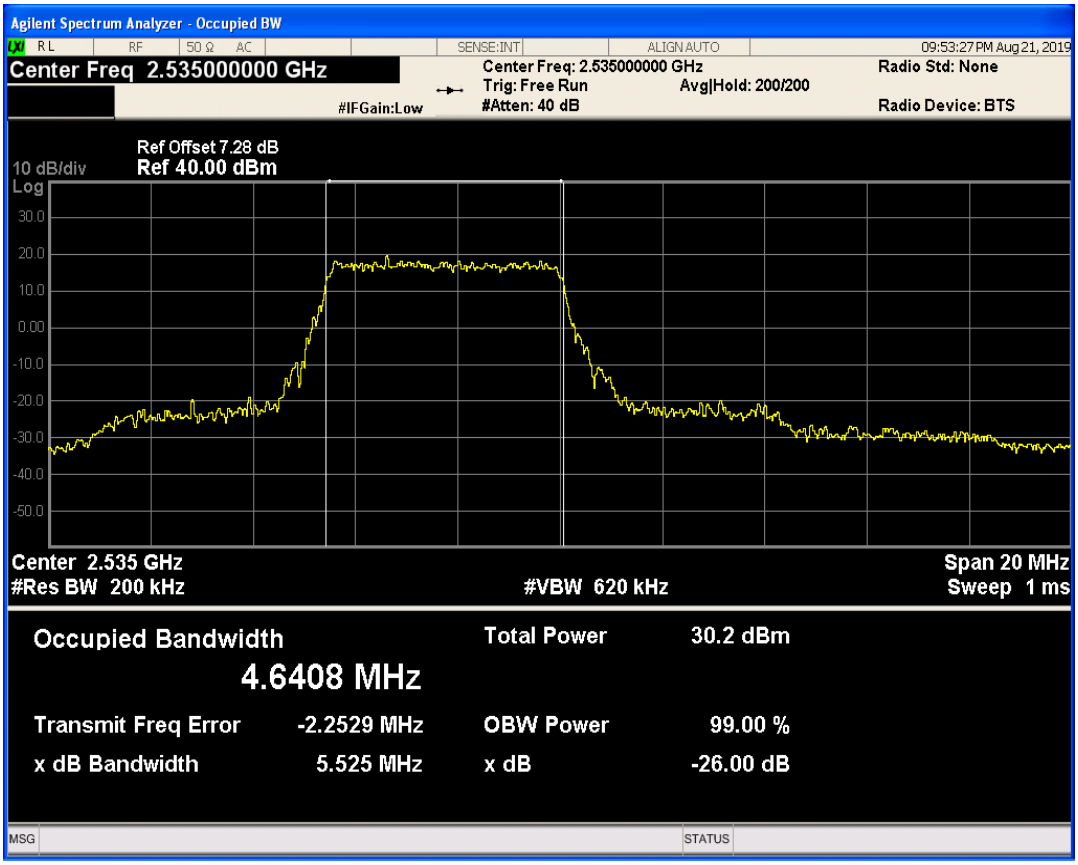
LTE Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0



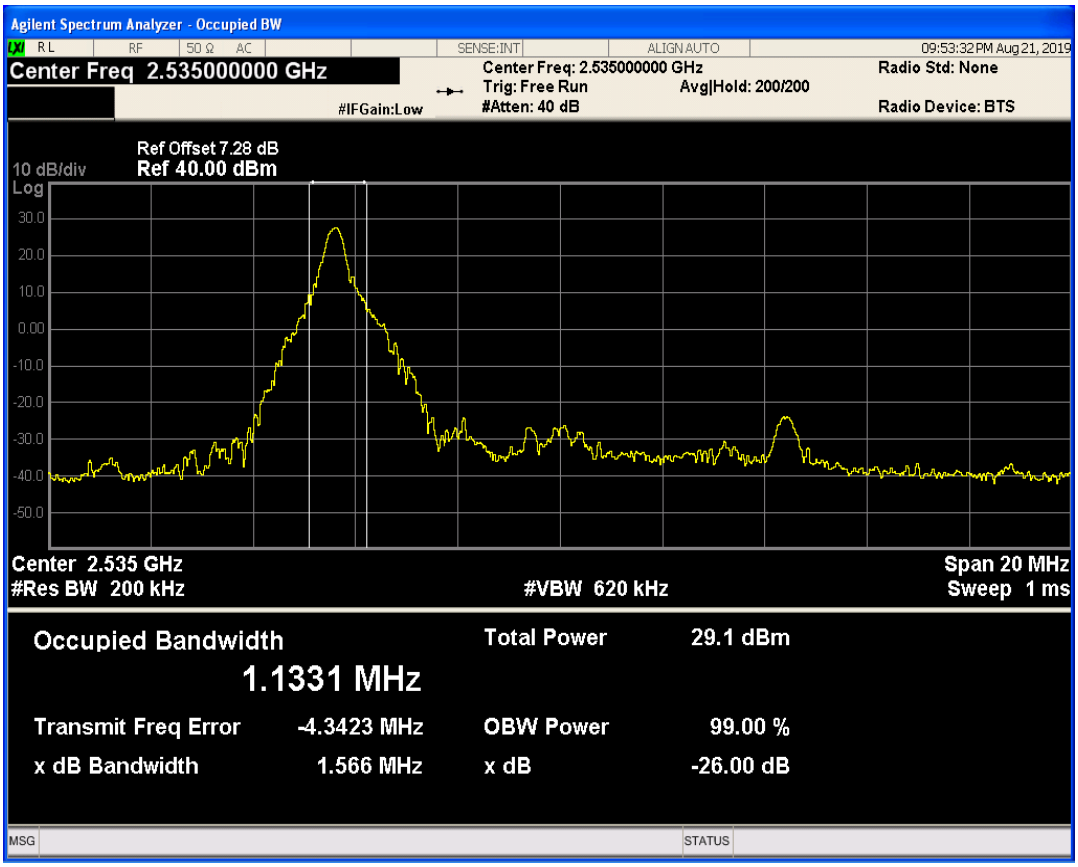
LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



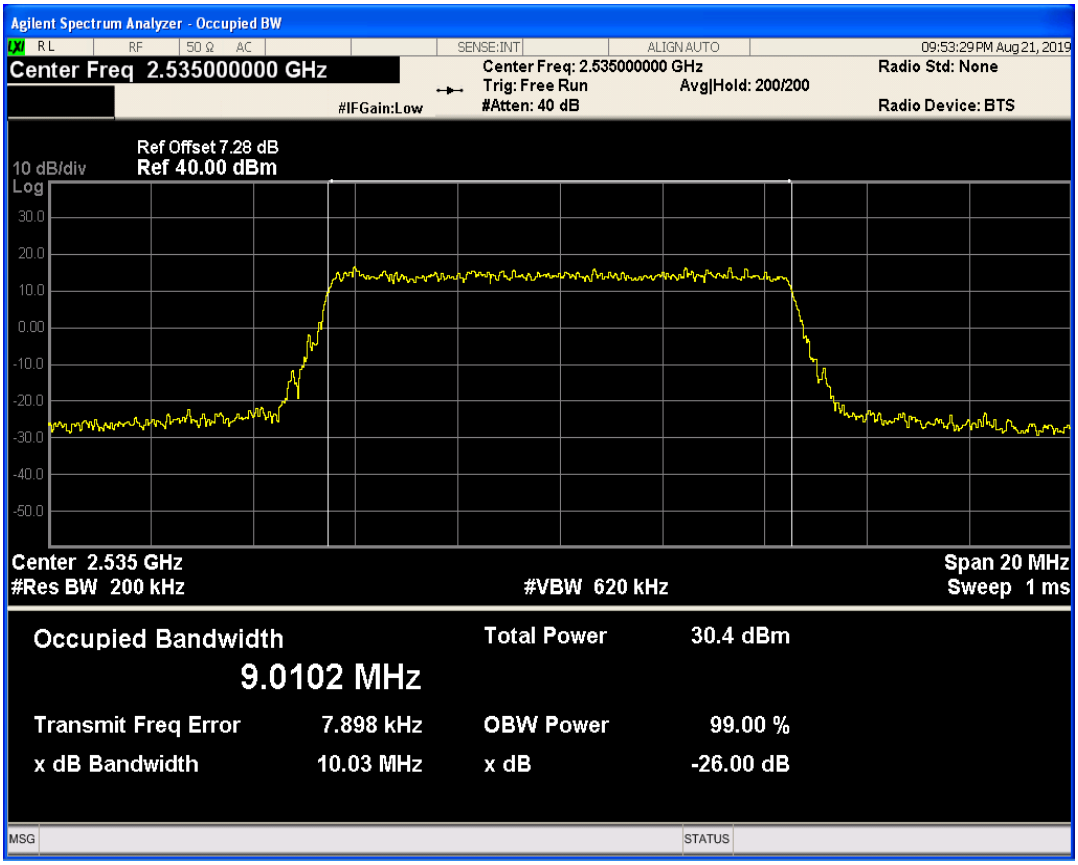
LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=25 Position=#0



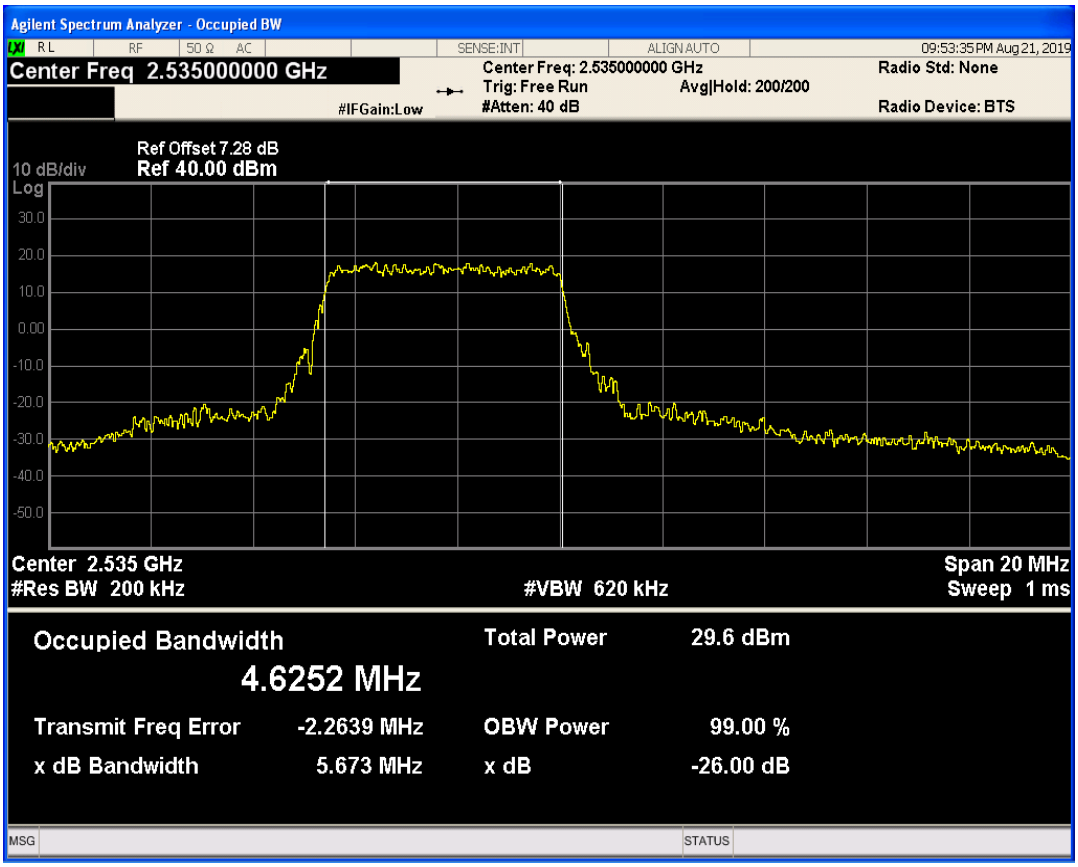
LTE Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



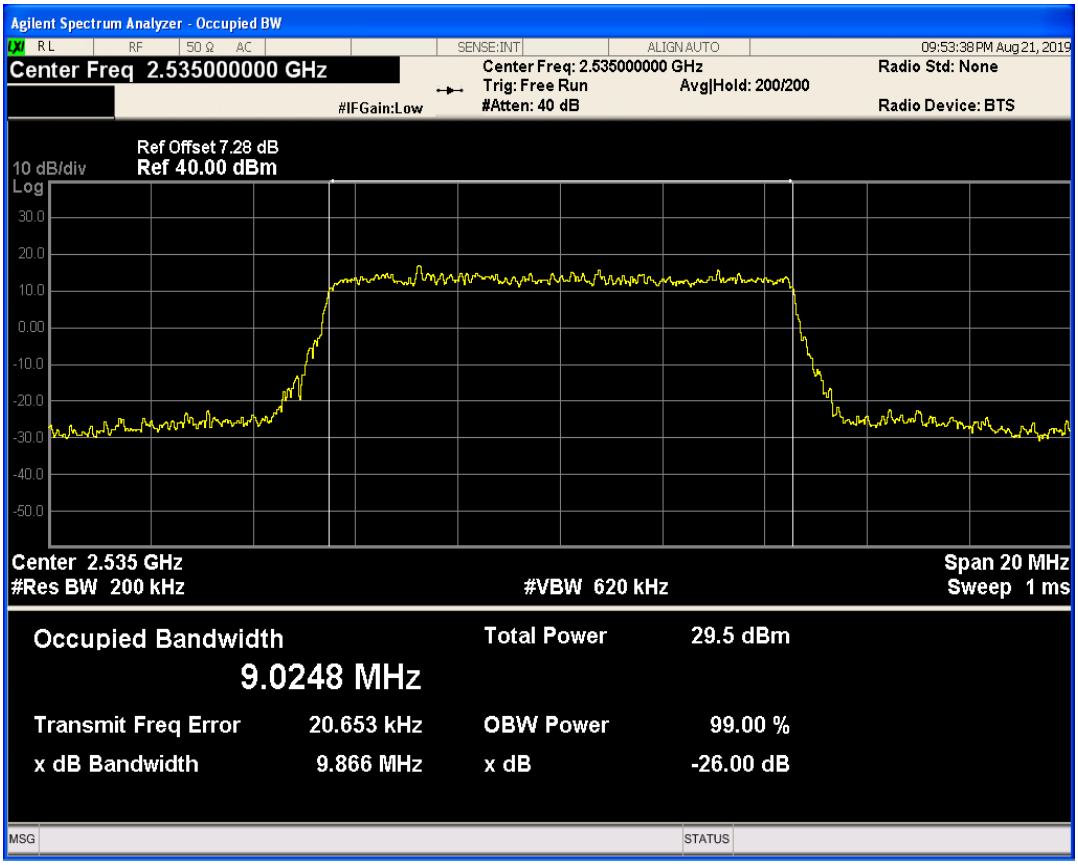
LTE Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



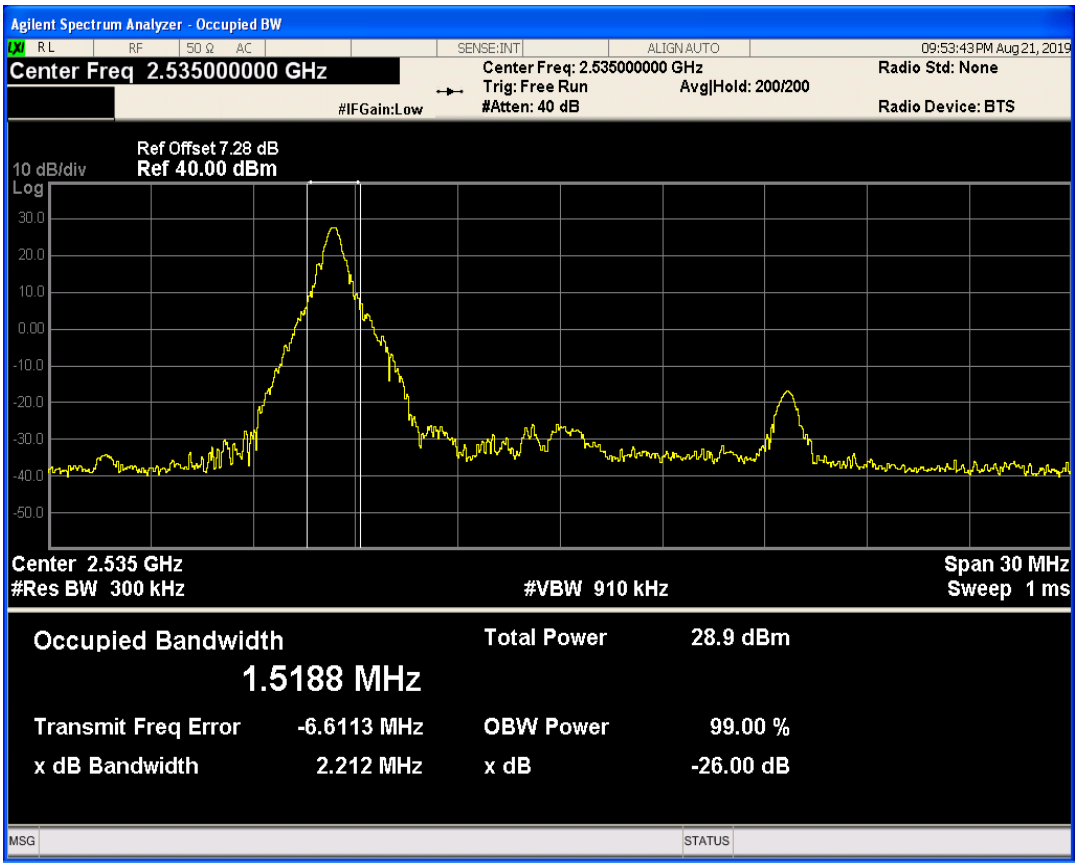
LTE Band7 QAM16 BW=10MHz Channel=21100 RB Size=25 Position=#0



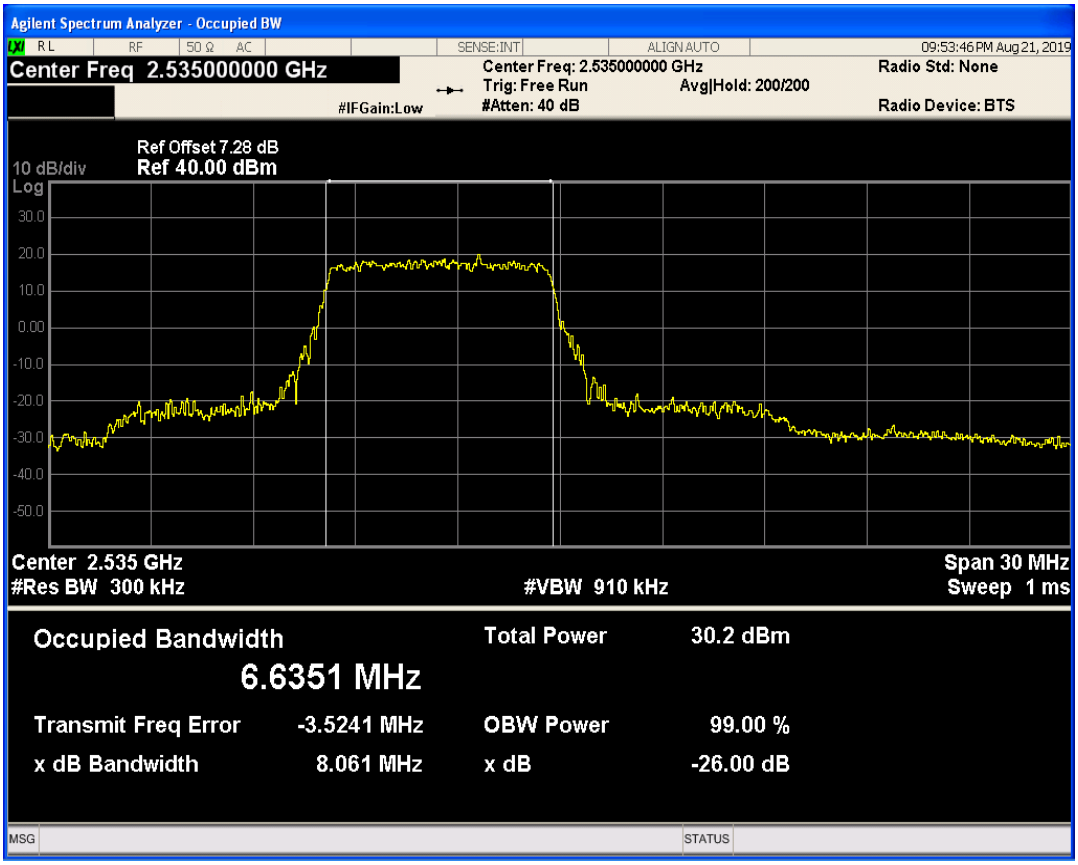
LTE Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0



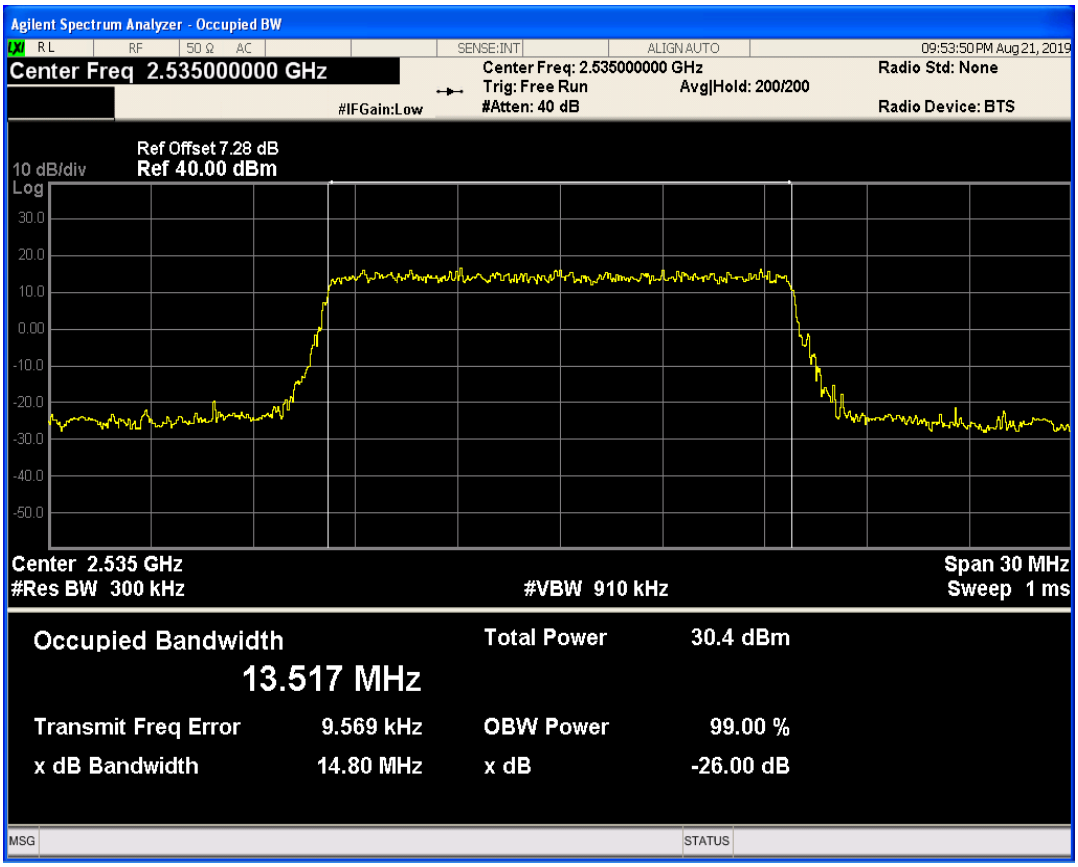
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



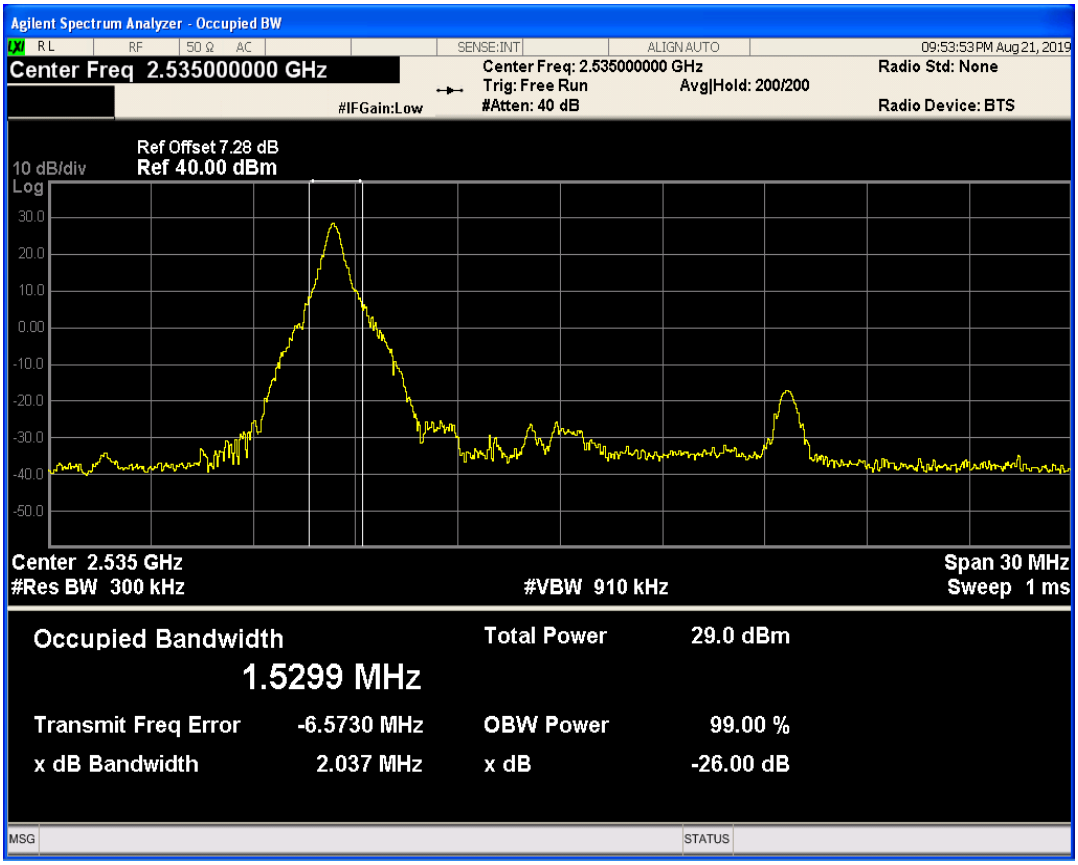
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=36 Position=#0



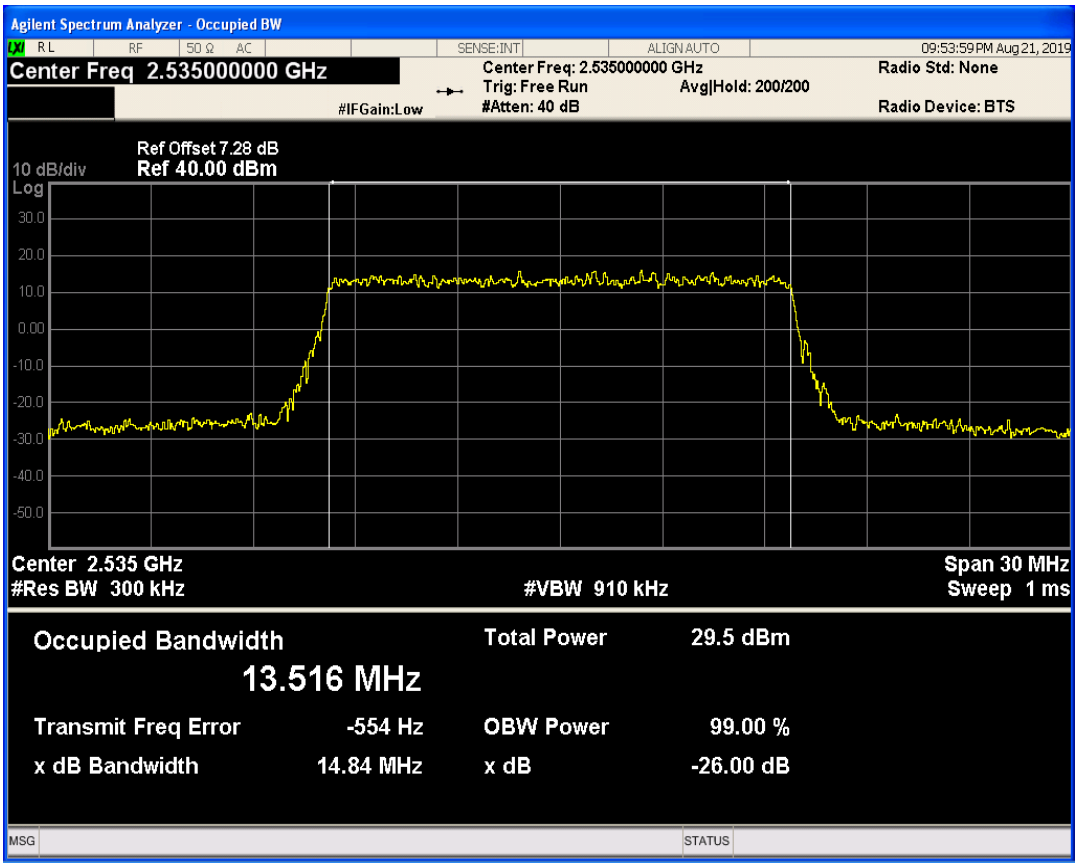
LTE Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



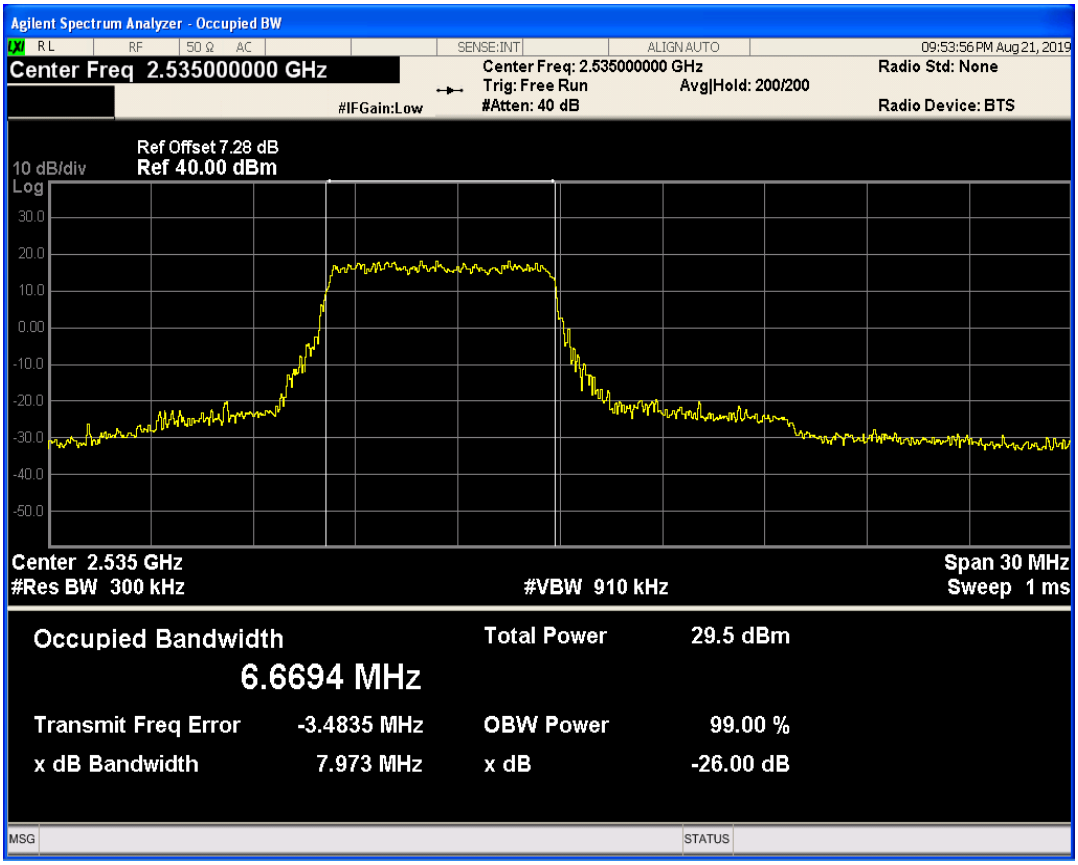
LTE Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



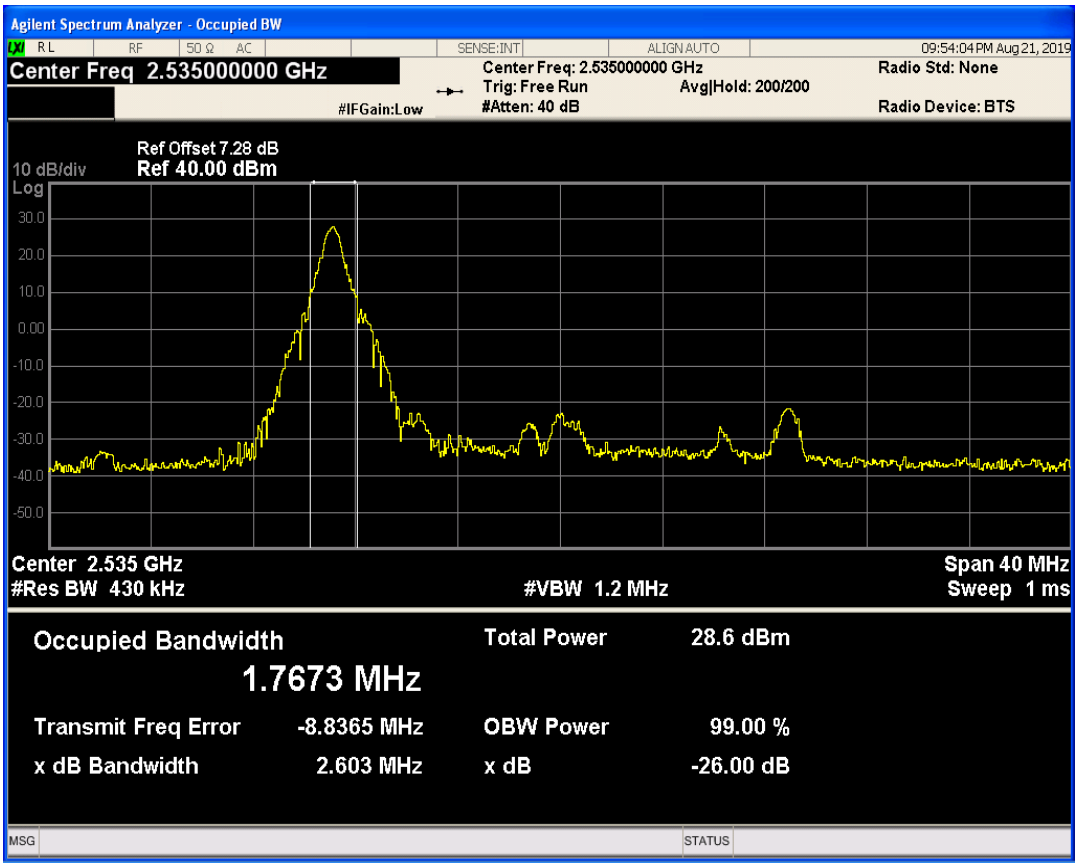
LTE Band7 QAM16 BW=15MHz Channel=21100 RB Size=75 Position=#0



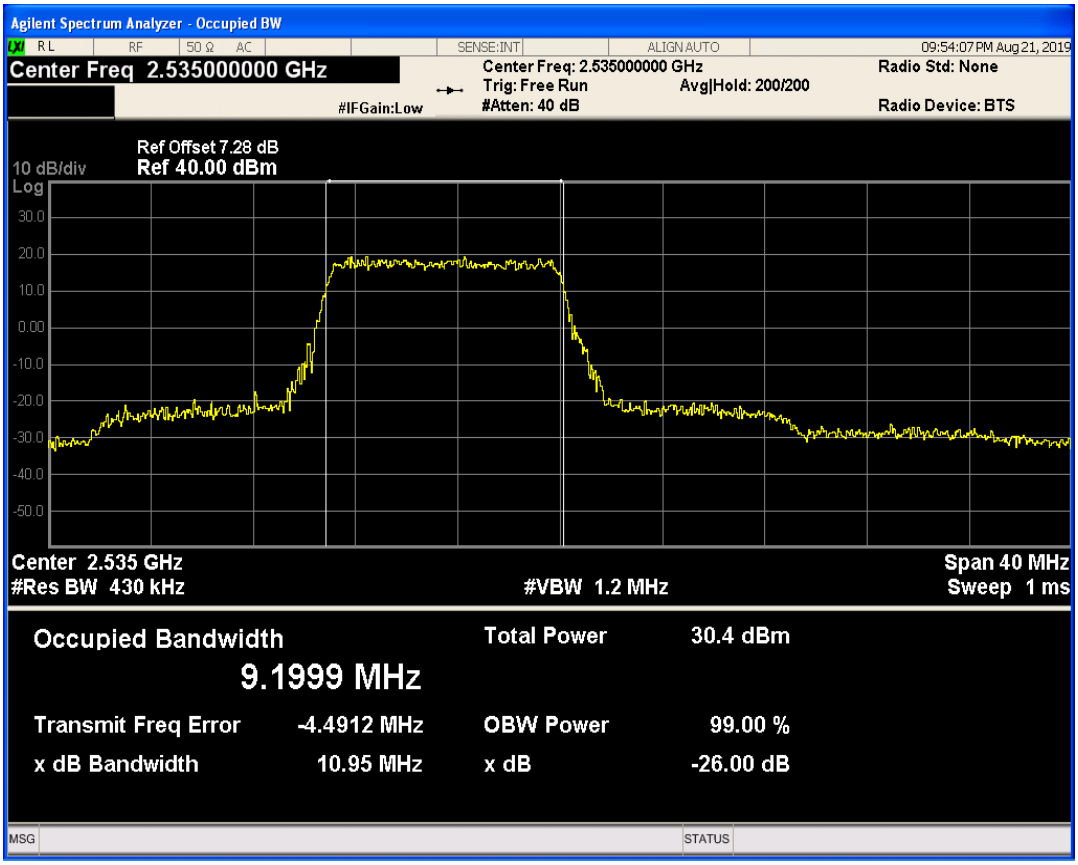
LTE Band7 QAM16 BW=15MHz Channel=21100 RB Size=36 Position=#0



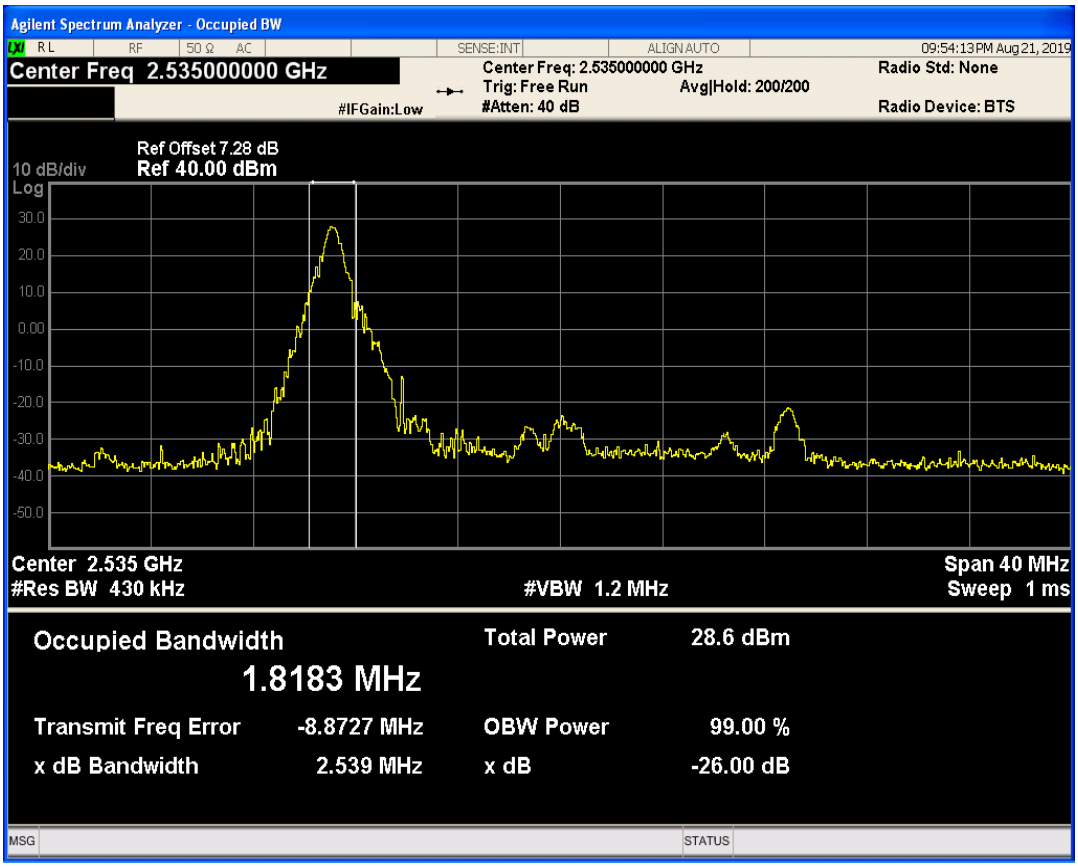
LTE Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



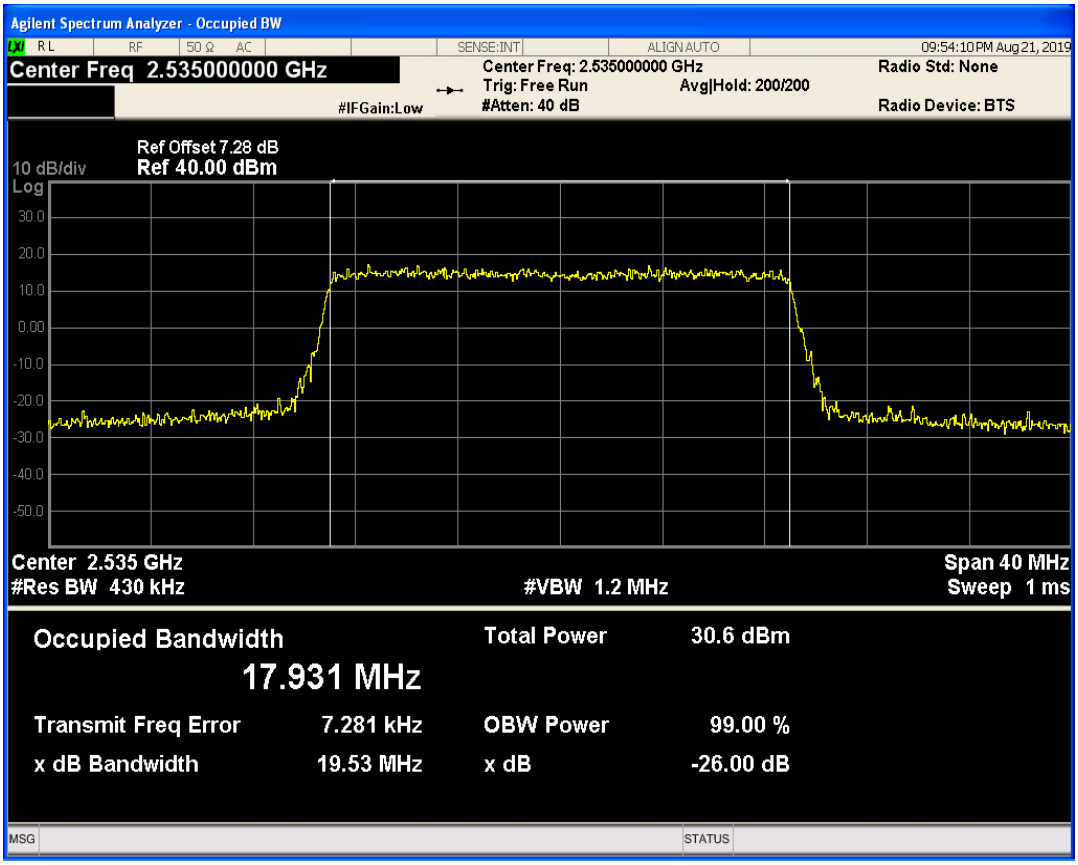
LTE Band7 QPSK BW=20MHz Channel=21100 RB Size=50 Position=#0



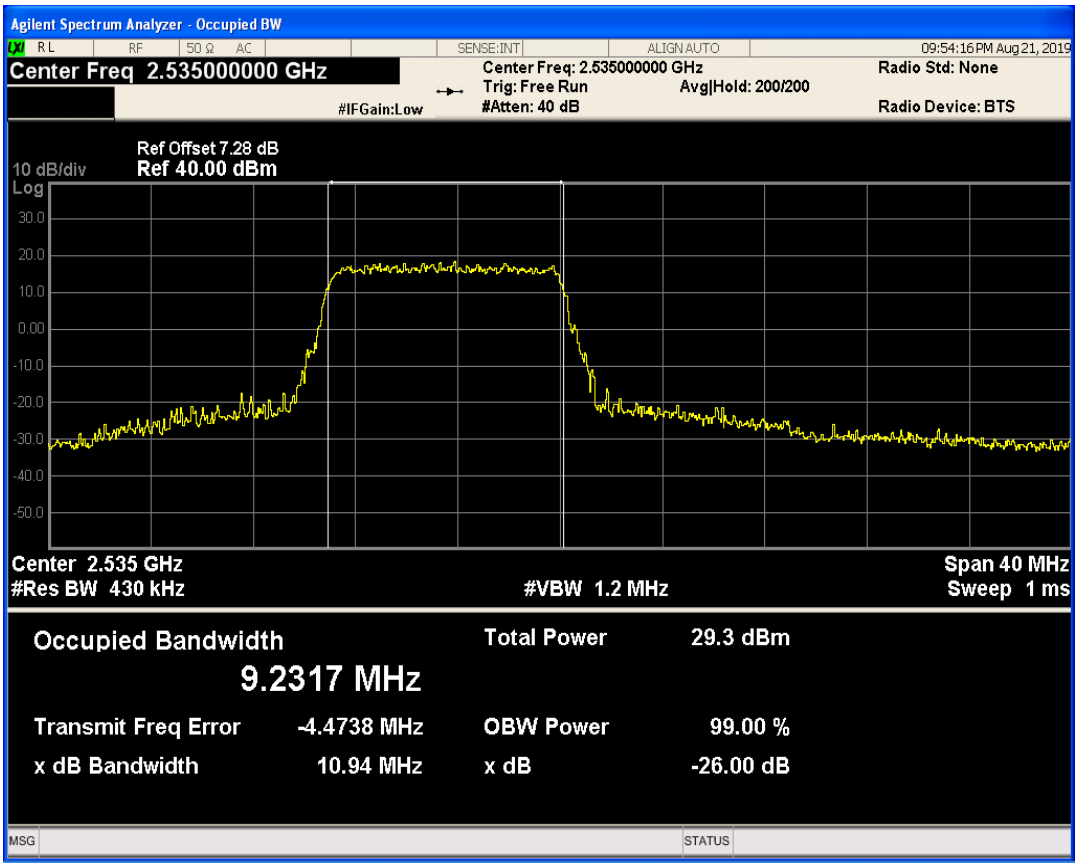
LTE Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



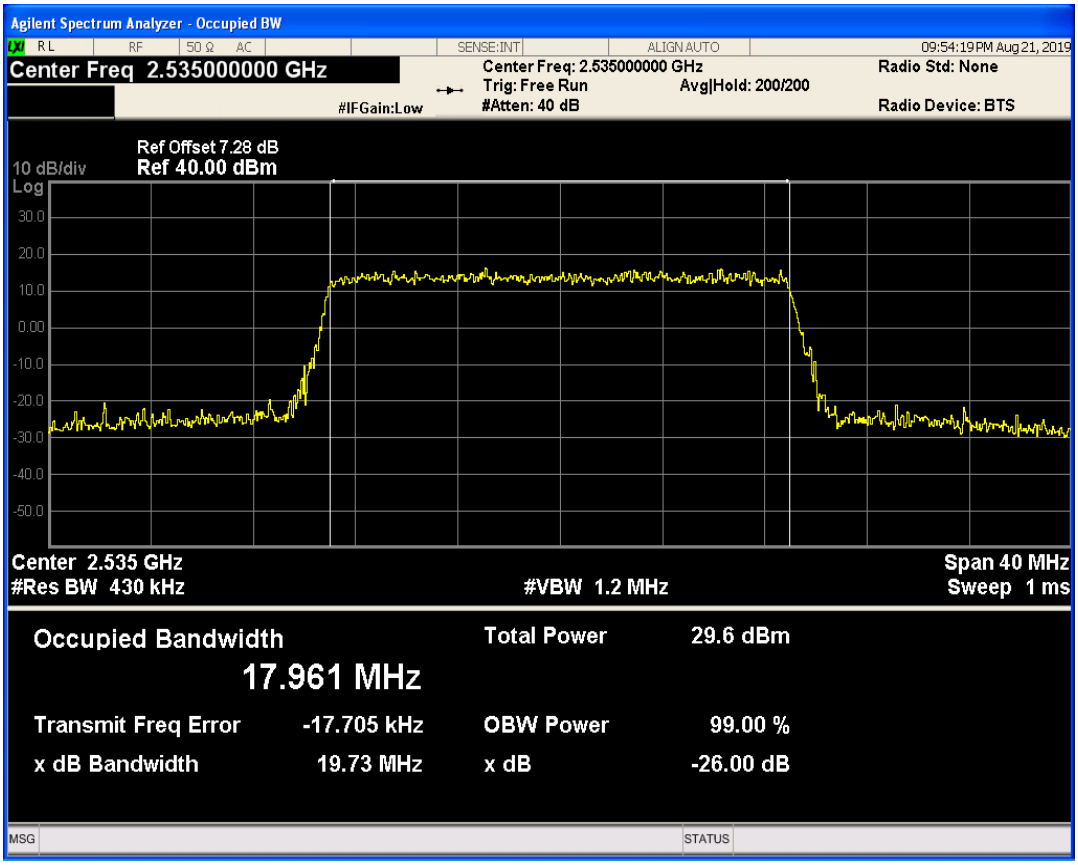
LTE Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



LTE Band7 QAM16 BW=20MHz Channel=21100 RB Size=50 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 Band4	1.4	19957	1	#0	QPSK	1710.00	-23.97	-13	PASS
LTE Band4	1.4	19957	1	#Max	QPSK	1709.37	-36.87	-13	PASS
LTE Band4	1.4	19957	6	#0	QPSK	1710.00	-32.57	-13	PASS
LTE Band4	1.4	19957	1	#0	QAM16	1710.00	-25.67	-13	PASS
LTE Band4	1.4	19957	1	#Max	QAM16	1709.31	-38.75	-13	PASS
LTE Band4	1.4	19957	6	#0	QAM16	1710.00	-33.63	-13	PASS
LTE Band4	1.4	20393	1	#0	QPSK	1755.63	-35.53	-13	PASS
LTE Band4	1.4	20393	1	#Max	QPSK	1755.00	-23.16	-13	PASS
LTE Band4	1.4	20393	6	#0	QPSK	1755.00	-31.20	-13	PASS
LTE	1.4	20393	1	#0	QAM16	1755.69	-37.30	-13	PASS

Band4									
LTE Band4	1.4	20393	1	#Max	QAM16	1755.00	-26.42	-13	PASS
LTE Band4	1.4	20393	6	#0	QAM16	1755.01	-33.64	-13	PASS
LTE Band4	3	19965	1	#0	QPSK	1710.00	-22.05	-13	PASS
LTE Band4	3	19965	1	#Max	QPSK	1707.72	-34.34	-13	PASS
LTE Band4	3	19965	15	#0	QPSK	1710.00	-33.25	-13	PASS
LTE Band4	3	19965	1	#0	QAM16	1710.00	-24.22	-13	PASS
LTE Band4	3	19965	1	#Max	QAM16	1707.73	-35.76	-13	PASS
LTE Band4	3	19965	15	#0	QAM16	1709.99	-36.49	-13	PASS
LTE Band4	3	20385	1	#0	QPSK	1757.32	-33.08	-13	PASS
LTE Band4	3	20385	1	#Max	QPSK	1755.00	-22.58	-13	PASS
LTE Band4	3	20385	15	#0	QPSK	1755.00	-35.01	-13	PASS
LTE Band4	3	20385	1	#0	QAM16	1757.24	-34.28	-13	PASS
LTE Band4	3	20385	1	#Max	QAM16	1755.00	-23.66	-13	PASS
LTE Band4	3	20385	15	#0	QAM16	1755.00	-36.09	-13	PASS
LTE Band4	5	19975	1	#0	QPSK	1710.00	-15.74	-13	PASS
LTE Band4	5	19975	1	#Max	QPSK	1705.97	-32.41	-13	PASS
LTE Band4	5	19975	25	#0	QPSK	1709.97	-27.50	-13	PASS
LTE Band4	5	19975	1	#0	QAM16	1710.00	-13.57	-13	PASS
LTE Band4	5	19975	1	#Max	QAM16	1706.00	-34.41	-13	PASS
LTE Band4	5	19975	25	#0	QAM16	1710.00	-28.90	-13	PASS
LTE Band4	5	20375	1	#0	QPSK	1759.02	-30.82	-13	PASS
LTE	5	20375	1	#Max	QPSK	1755.00	-15.14	-13	PASS

Band4									
LTE Band4	5	20375	25	#0	QPSK	1755.00	-28.54	-13	PASS
LTE Band4	5	20375	1	#0	QAM16	1758.99	-32.21	-13	PASS
LTE Band4	5	20375	1	#Max	QAM16	1755.02	-15.11	-13	PASS
LTE Band4	5	20375	25	#0	QAM16	1755.00	-28.72	-13	PASS
LTE Band4	10	20000	1	#0	QPSK	1710.00	-17.17	-13	PASS
LTE Band4	10	20000	1	#Max	QPSK	1701.74	-31.82	-13	PASS
LTE Band4	10	20000	50	#0	QPSK	1709.90	-32.40	-13	PASS
LTE Band4	10	20000	1	#0	QAM16	1709.94	-17.58	-13	PASS
LTE Band4	10	20000	1	#Max	QAM16	1701.78	-33.12	-13	PASS
LTE Band4	10	20000	50	#0	QAM16	1710.00	-32.61	-13	PASS
LTE Band4	10	20350	1	#0	QPSK	1763.20	-29.37	-13	PASS
LTE Band4	10	20350	1	#Max	QPSK	1755.00	-17.03	-13	PASS
LTE Band4	10	20350	50	#0	QPSK	1755.06	-32.17	-13	PASS
LTE Band4	10	20350	1	#0	QAM16	1763.22	-30.22	-13	PASS
LTE Band4	10	20350	1	#Max	QAM16	1755.00	-17.73	-13	PASS
LTE Band4	10	20350	50	#0	QAM16	1755.00	-31.88	-13	PASS
LTE Band4	15	20025	1	#0	QPSK	1709.94	-17.34	-13	PASS
LTE Band4	15	20025	1	#Max	QPSK	1697.58	-34.00	-13	PASS
LTE Band4	15	20025	75	#0	QPSK	1709.88	-34.12	-13	PASS
LTE Band4	15	20025	1	#0	QAM16	1710.00	-19.39	-13	PASS
LTE Band4	15	20025	1	#Max	QAM16	1697.55	-35.91	-13	PASS
LTE	15	20025	75	#0	QAM16	1710.00	-37.34	-13	PASS

Band4									
LTE Band4	15	20325	1	#0	QPSK	1767.51	-28.87	-13	PASS
LTE Band4	15	20325	1	#Max	QPSK	1755.00	-17.10	-13	PASS
LTE Band4	15	20325	75	#0	QPSK	1755.00	-29.65	-13	PASS
LTE Band4	15	20325	1	#0	QAM16	1767.51	-31.72	-13	PASS
LTE Band4	15	20325	1	#Max	QAM16	1755.03	-16.56	-13	PASS
LTE Band4	15	20325	75	#0	QAM16	1755.21	-34.60	-13	PASS
LTE Band4	20	20050	1	#0	QPSK	1709.96	-19.61	-13	PASS
LTE Band4	20	20050	1	#Max	QPSK	1693.32	-41.53	-13	PASS
LTE Band4	20	20050	100	#0	QPSK	1709.92	-38.95	-13	PASS
LTE Band4	20	20050	1	#0	QAM16	1710.00	-23.73	-13	PASS
LTE Band4	20	20050	1	#Max	QAM16	1693.28	-42.32	-13	PASS
LTE Band4	20	20050	100	#0	QAM16	1709.88	-37.36	-13	PASS
LTE Band4	20	20300	1	#0	QPSK	1771.76	-30.81	-13	PASS
LTE Band4	20	20300	1	#Max	QPSK	1755.20	-22.21	-13	PASS
LTE Band4	20	20300	100	#0	QPSK	1755.08	-34.38	-13	PASS
LTE Band4	20	20300	1	#0	QAM16	1771.68	-32.90	-13	PASS
LTE Band4	20	20300	1	#Max	QAM16	1755.04	-21.49	-13	PASS
LTE Band4	20	20300	100	#0	QAM16	1755.08	-34.69	-13	PASS
LTE Band7	5	20775	1	#0	QPSK	2500.00	-12.86	-10	PASS
LTE Band7	5	20775	1	#Max	QPSK	2496.00	-30.52	-10	PASS
LTE Band7	5	20775	12	#0	QPSK	2500.00	-22.02	-10	PASS
LTE	5	20775	12	#Max	QPSK	2498.90	-39.72	-10	PASS

Band7									
LTE Band7	5	20775	25	#0	QPSK	2500.00	-24.17	-10	PASS
LTE Band7	5	20775	1	#0	QAM16	2500.00	-13.44	-10	PASS
LTE Band7	5	20775	1	#Max	QAM16	2496.00	-31.71	-10	PASS
LTE Band7	5	20775	12	#0	QAM16	2500.00	-24.21	-10	PASS
LTE Band7	5	20775	12	#Max	QAM16	2499.90	-40.75	-10	PASS
LTE Band7	5	20775	25	#0	QAM16	2500.00	-26.94	-10	PASS
LTE Band7	5	21425	1	#0	QPSK	2573.90	-31.60	-10	PASS
LTE Band7	5	21425	1	#Max	QPSK	2570.00	-13.03	-10	PASS
LTE Band7	5	21425	12	#0	QPSK	2570.05	-39.57	-10	PASS
LTE Band7	5	21425	12	#Max	QPSK	2570.00	-22.92	-10	PASS
LTE Band7	5	21425	25	#0	QPSK	2570.00	-25.67	-10	PASS
LTE Band7	5	21425	1	#0	QAM16	2573.95	-32.80	-10	PASS
LTE Band7	5	21425	1	#Max	QAM16	2570.00	-14.48	-10	PASS
LTE Band7	5	21425	12	#0	QAM16	2570.00	-40.69	-10	PASS
LTE Band7	5	21425	12	#Max	QAM16	2570.00	-23.27	-10	PASS
LTE Band7	5	21425	25	#0	QAM16	2570.00	-27.55	-10	PASS
LTE Band7	10	20800	1	#0	QPSK	2500.00	-14.45	-10	PASS
LTE Band7	10	20800	1	#Max	QPSK	2491.80	-29.50	-13	PASS
LTE Band7	10	20800	25	#0	QPSK	2500.00	-28.24	-10	PASS
LTE Band7	10	20800	25	#Max	QPSK	2499.25	-39.56	-10	PASS
LTE Band7	10	20800	50	#0	QPSK	2499.95	-29.67	-10	PASS
LTE	10	20800	1	#0	QAM16	2500.00	-15.48	-10	PASS

Band7									
LTE Band7	10	20800	1	#Max	QAM16	2491.80	-29.55	-13	PASS
LTE Band7	10	20800	25	#0	QAM16	2499.95	-27.69	-10	PASS
LTE Band7	10	20800	25	#Max	QAM16	2499.25	-40.76	-10	PASS
LTE Band7	10	20800	50	#0	QAM16	2499.90	-31.79	-10	PASS
LTE Band7	10	21400	1	#0	QPSK	2578.20	-29.80	-13	PASS
LTE Band7	10	21400	1	#Max	QPSK	2570.00	-16.55	-10	PASS
LTE Band7	10	21400	25	#0	QPSK	2570.15	-39.43	-10	PASS
LTE Band7	10	21400	25	#Max	QPSK	2570.05	-27.44	-10	PASS
LTE Band7	10	21400	50	#0	QPSK	2570.05	-29.21	-10	PASS
LTE Band7	10	21400	1	#0	QAM16	2578.25	-31.47	-13	PASS
LTE Band7	10	21400	1	#Max	QAM16	2570.00	-17.51	-10	PASS
LTE Band7	10	21400	25	#0	QAM16	2570.20	-40.44	-10	PASS
LTE Band7	10	21400	25	#Max	QAM16	2570.00	-27.10	-10	PASS
LTE Band7	10	21400	50	#0	QAM16	2570.00	-30.77	-10	PASS
LTE Band7	15	20825	1	#0	QPSK	2500.00	-18.71	-10	PASS
LTE Band7	15	20825	1	#Max	QPSK	2487.55	-28.41	-13	PASS
LTE Band7	15	20825	36	#0	QPSK	2499.95	-29.17	-10	PASS
LTE Band7	15	20825	36	#Max	QPSK	2498.50	-39.50	-10	PASS
LTE Band7	15	20825	75	#0	QPSK	2500.00	-29.73	-10	PASS
LTE Band7	15	20825	1	#0	QAM16	2500.00	-15.97	-10	PASS
LTE Band7	15	20825	1	#Max	QAM16	2487.55	-28.77	-13	PASS
LTE	15	20825	36	#0	QAM16	2500.00	-29.66	-10	PASS

Band7									
LTE Band7	15	20825	36	#Max	QAM16	2500.00	-40.30	-10	PASS
LTE Band7	15	20825	75	#0	QAM16	2499.95	-32.25	-10	PASS
LTE Band7	15	21375	1	#0	QPSK	2582.50	-29.75	-13	PASS
LTE Band7	15	21375	1	#Max	QPSK	2570.00	-18.52	0	PASS
LTE Band7	15	21375	36	#0	QPSK	2572.05	-38.93	-10	PASS
LTE Band7	15	21375	36	#Max	QPSK	2570.10	-26.95	-10	PASS
LTE Band7	15	21375	75	#0	QPSK	2570.00	-29.50	-10	PASS
LTE Band7	15	21375	1	#0	QAM16	2582.45	-30.77	-13	PASS
LTE Band7	15	21375	1	#Max	QAM16	2570.05	-17.19	-10	PASS
LTE Band7	15	21375	36	#0	QAM16	2570.05	-40.27	-10	PASS
LTE Band7	15	21375	36	#Max	QAM16	2570.00	-28.32	-10	PASS
LTE Band7	15	21375	75	#0	QAM16	2570.00	-31.82	-10	PASS
LTE Band7	20	20850	1	#0	QPSK	2499.95	-20.42	-10	PASS
LTE Band7	20	20850	1	#Max	QPSK	2483.25	-30.11	-13	PASS
LTE Band7	20	20850	50	#0	QPSK	2500.00	-30.60	-10	PASS
LTE Band7	20	20850	50	#Max	QPSK	2496.10	-39.81	-10	PASS
LTE Band7	20	20850	100	#0	QPSK	2499.95	-32.60	-10	PASS
LTE Band7	20	20850	1	#0	QAM16	2500.00	-19.61	-10	PASS
LTE Band7	20	20850	1	#Max	QAM16	2483.25	-32.49	-13	PASS
LTE Band7	20	20850	50	#0	QAM16	2499.85	-32.75	-10	PASS
LTE Band7	20	20850	50	#Max	QAM16	2499.30	-41.02	-10	PASS
LTE	20	20850	100	#0	QAM16	2499.95	-34.35	-10	PASS

Band7									
LTE Band7	20	21350	1	#0	QPSK	2586.70	-31.64	-13	PASS
LTE Band7	20	21350	1	#Max	QPSK	2570.00	-19.01	-10	PASS
LTE Band7	20	21350	50	#0	QPSK	2572.20	-38.57	-10	PASS
LTE Band7	20	21350	50	#Max	QPSK	2570.30	-30.50	-10	PASS
LTE Band7	20	21350	100	#0	QPSK	2570.00	-32.77	-10	PASS
LTE Band7	20	21350	1	#0	QAM16	2586.75	-33.44	-13	PASS
LTE Band7	20	21350	1	#Max	QAM16	2570.10	-19.91	-10	PASS
LTE Band7	20	21350	50	#0	QAM16	2570.95	-40.70	-10	PASS
LTE Band7	20	21350	50	#Max	QAM16	2570.00	-30.53	-10	PASS
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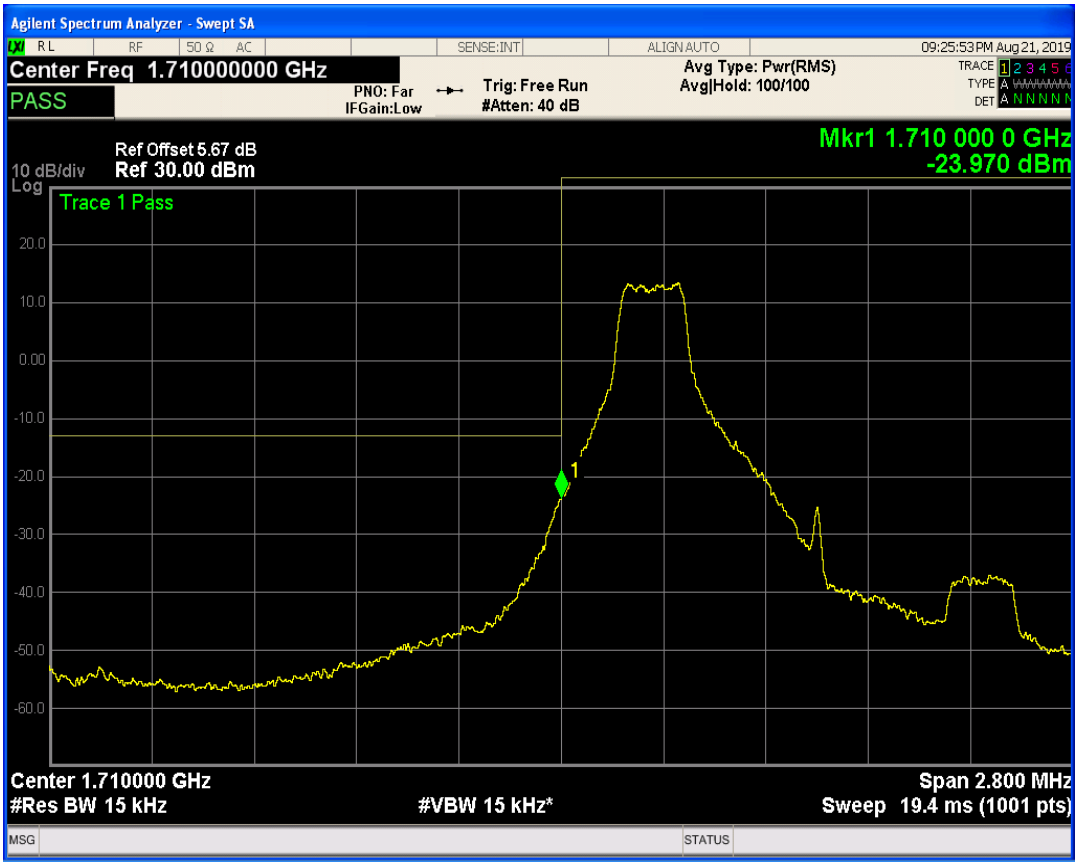
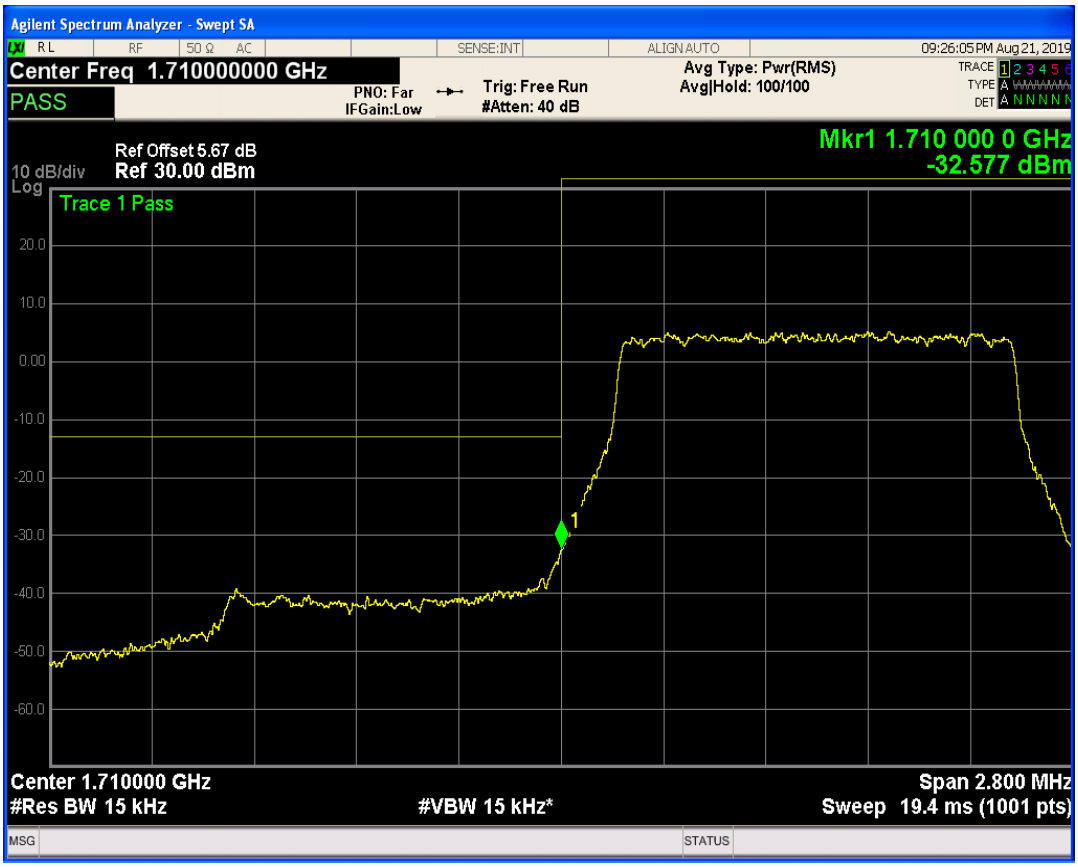
LTE Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0

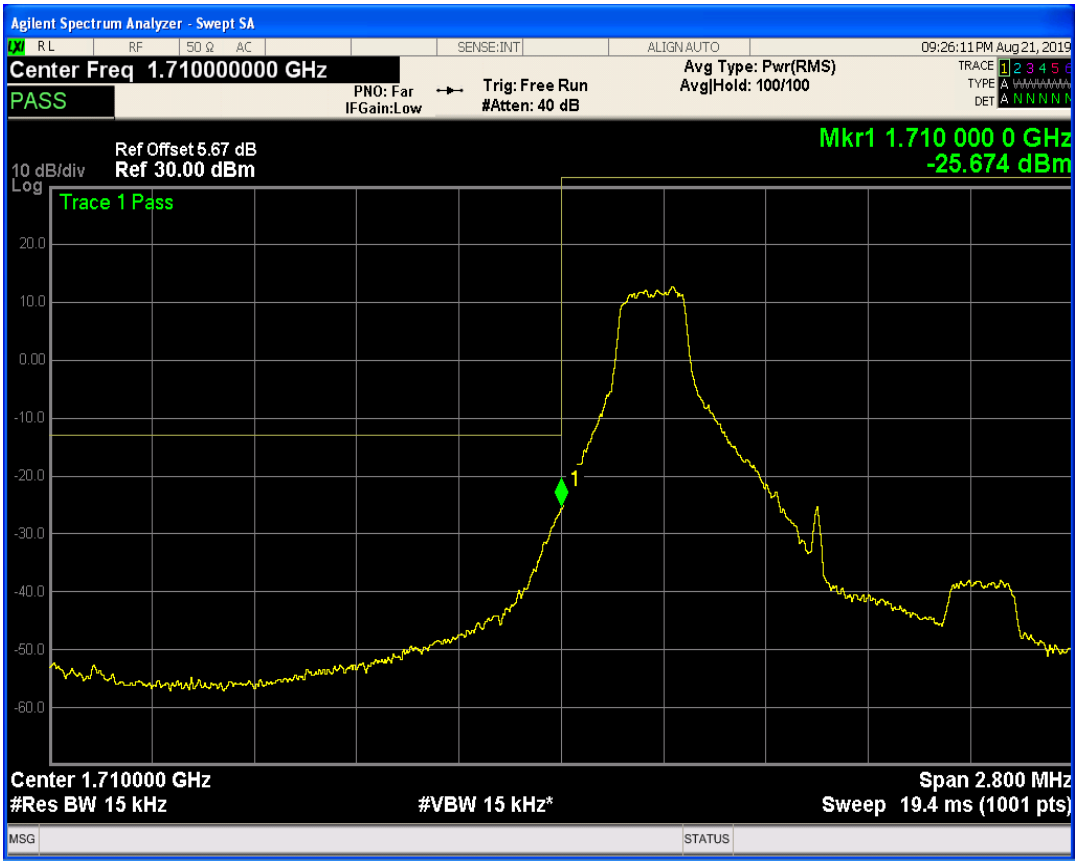


LTE Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#Max

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

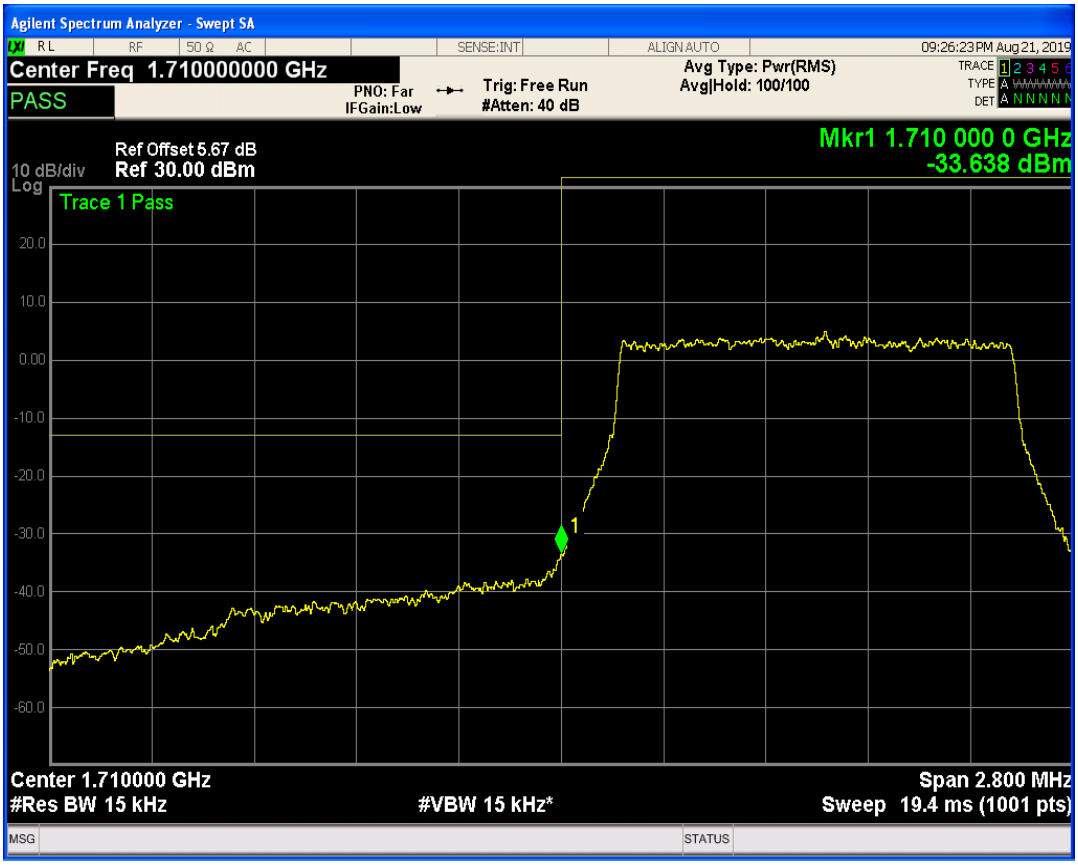


LTE Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=1 Position=#0



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

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



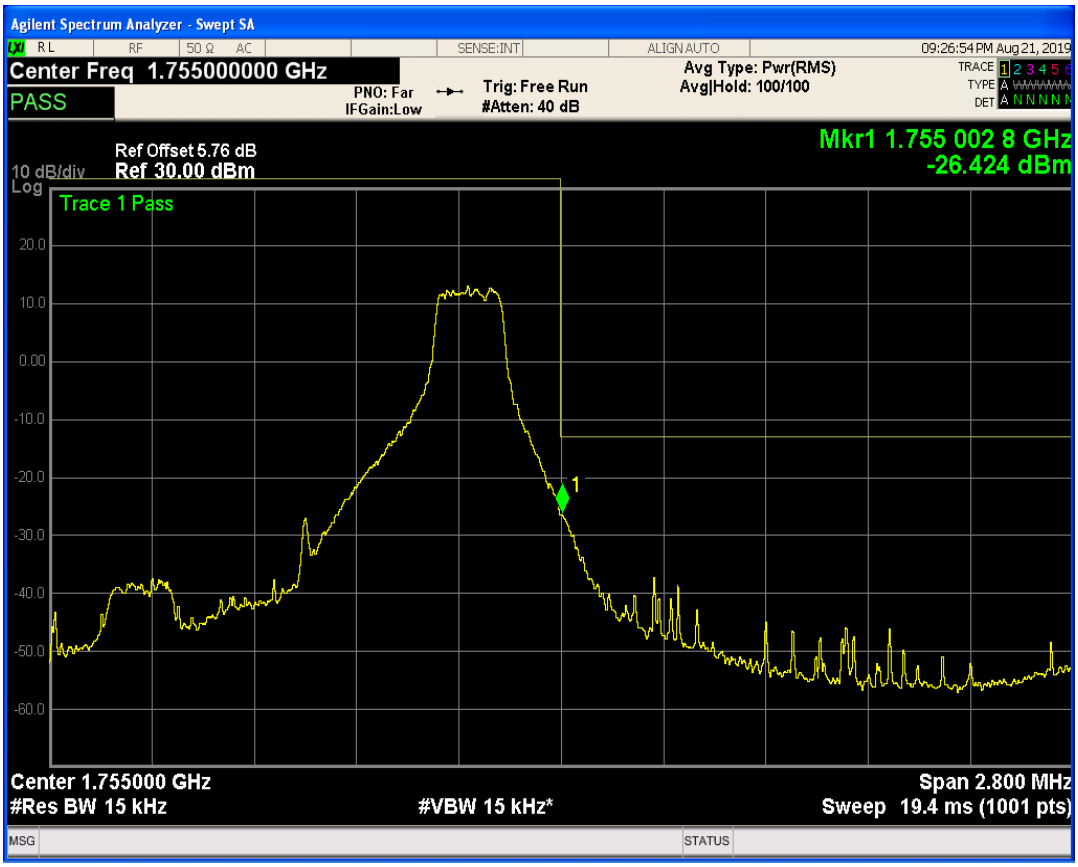
LTE Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0

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

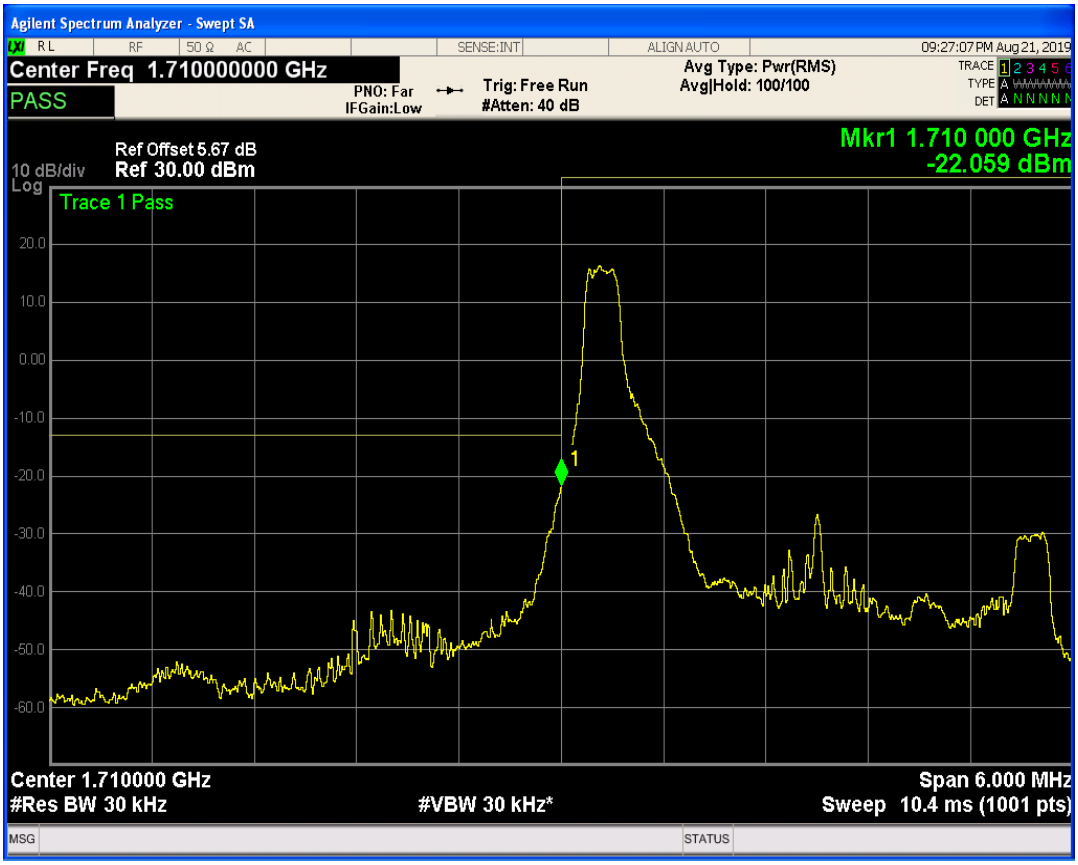
LTE Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

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

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



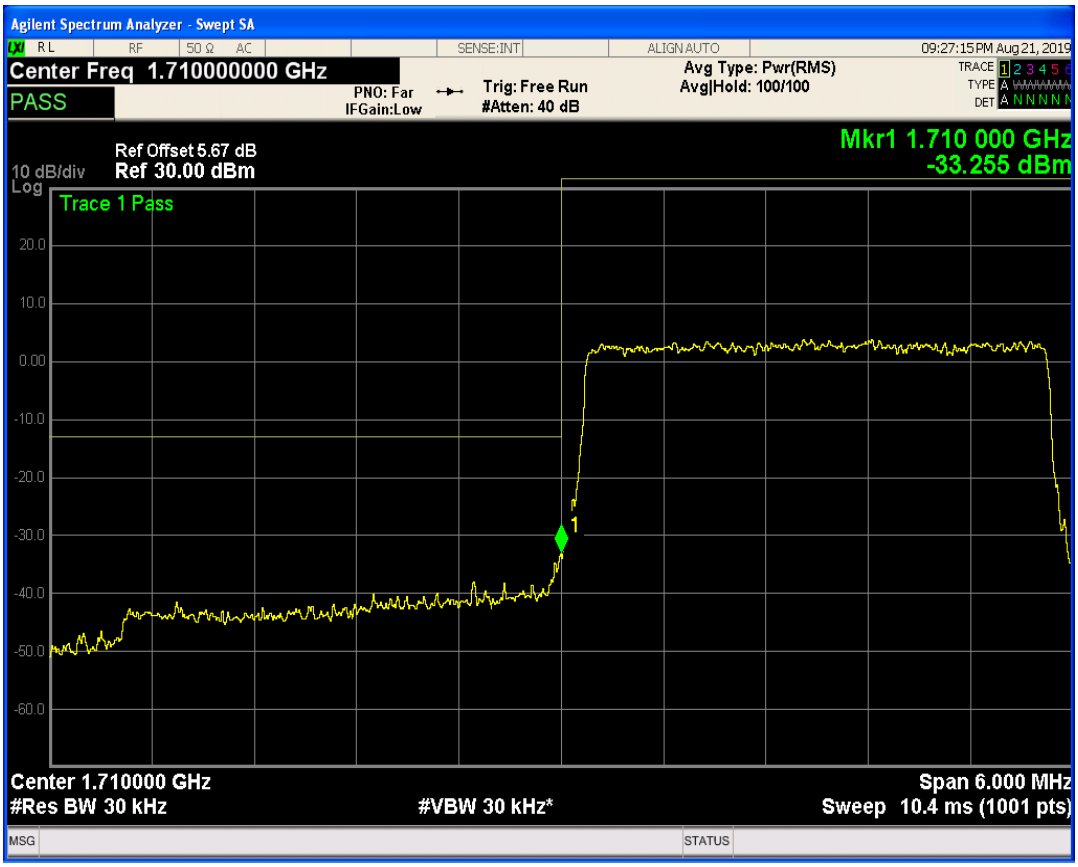
LTE Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



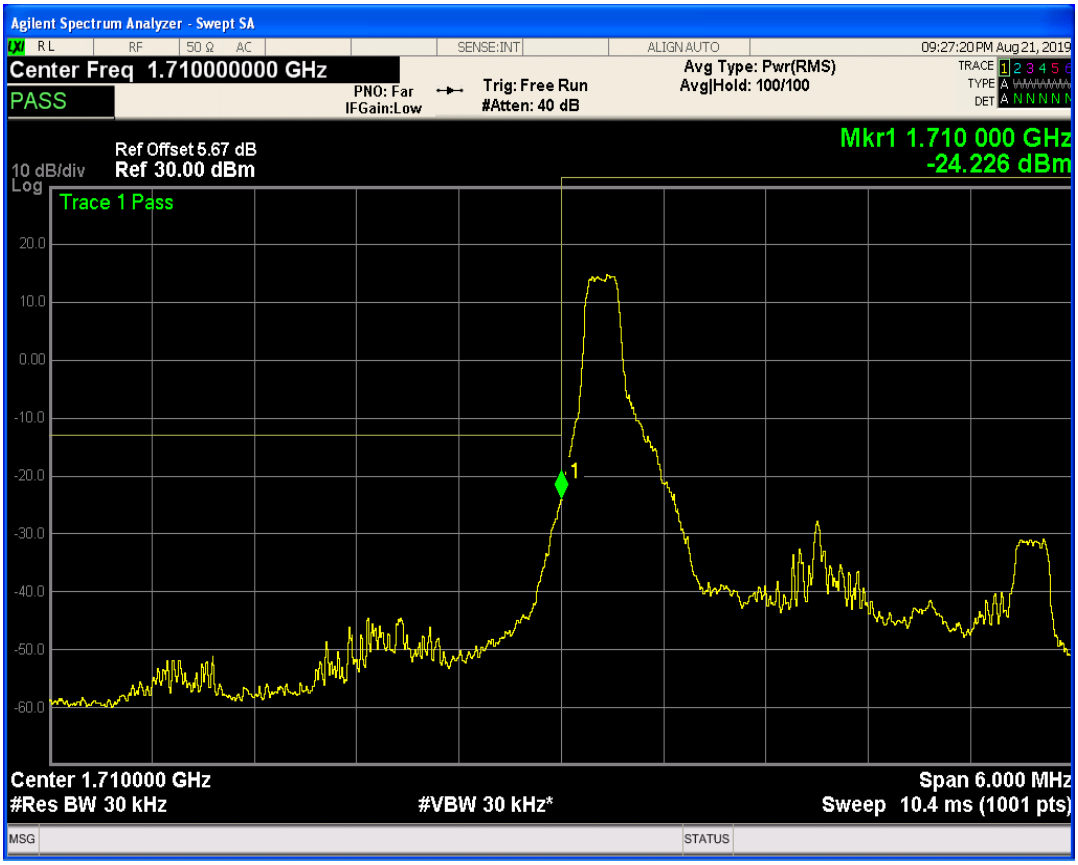
LTE Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0

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

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

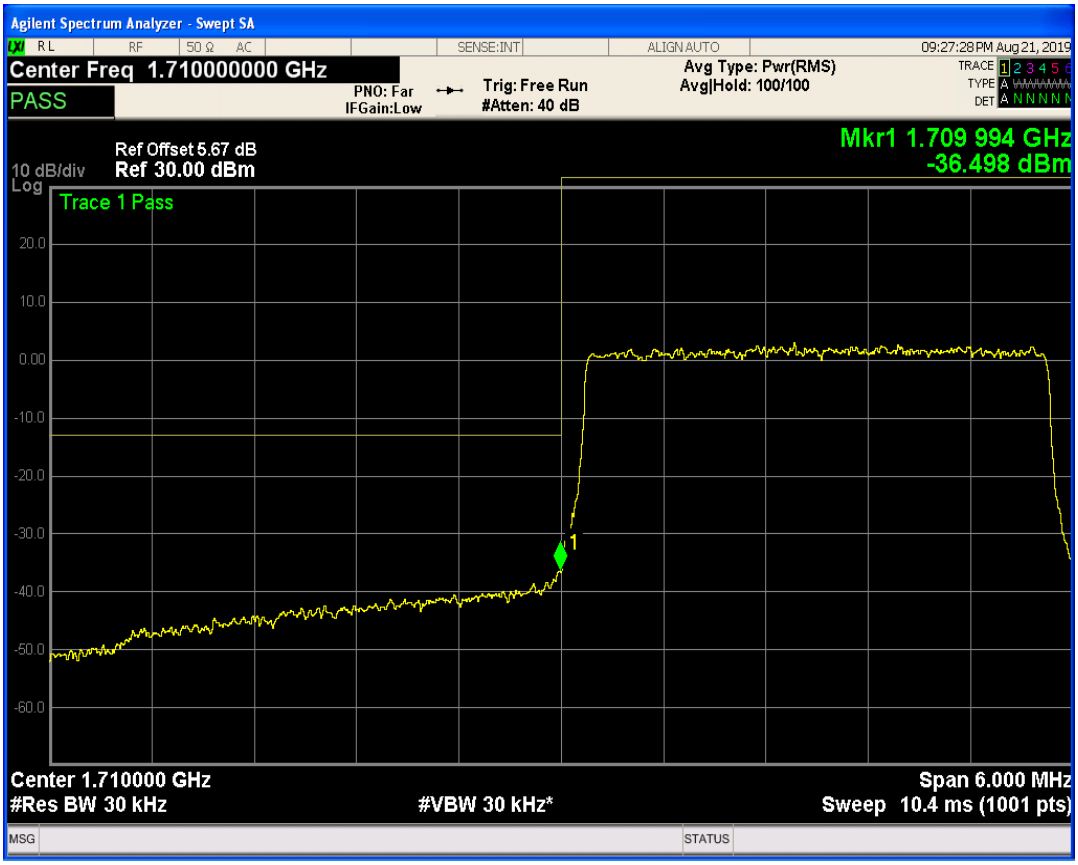


LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=1 Position=#0



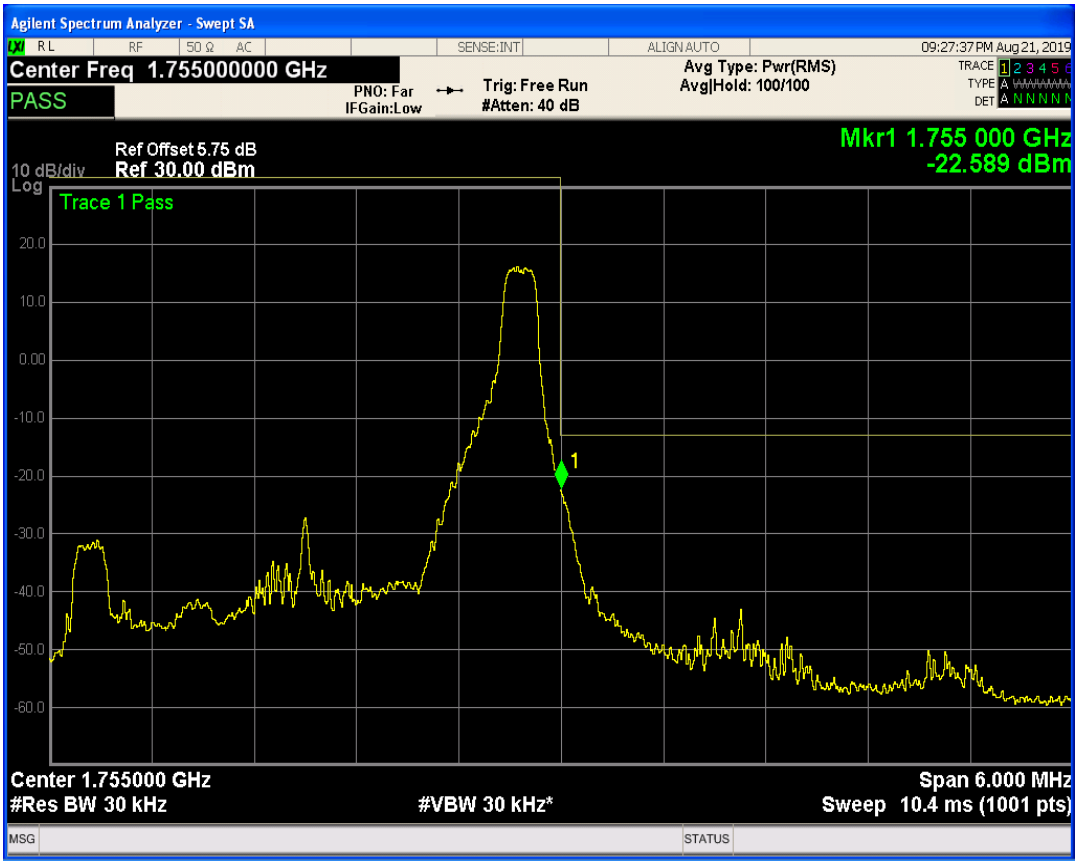
LTE Band4 QAM16 BW=3MHz Channel=19965 RB Size=1 Position=#Max

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

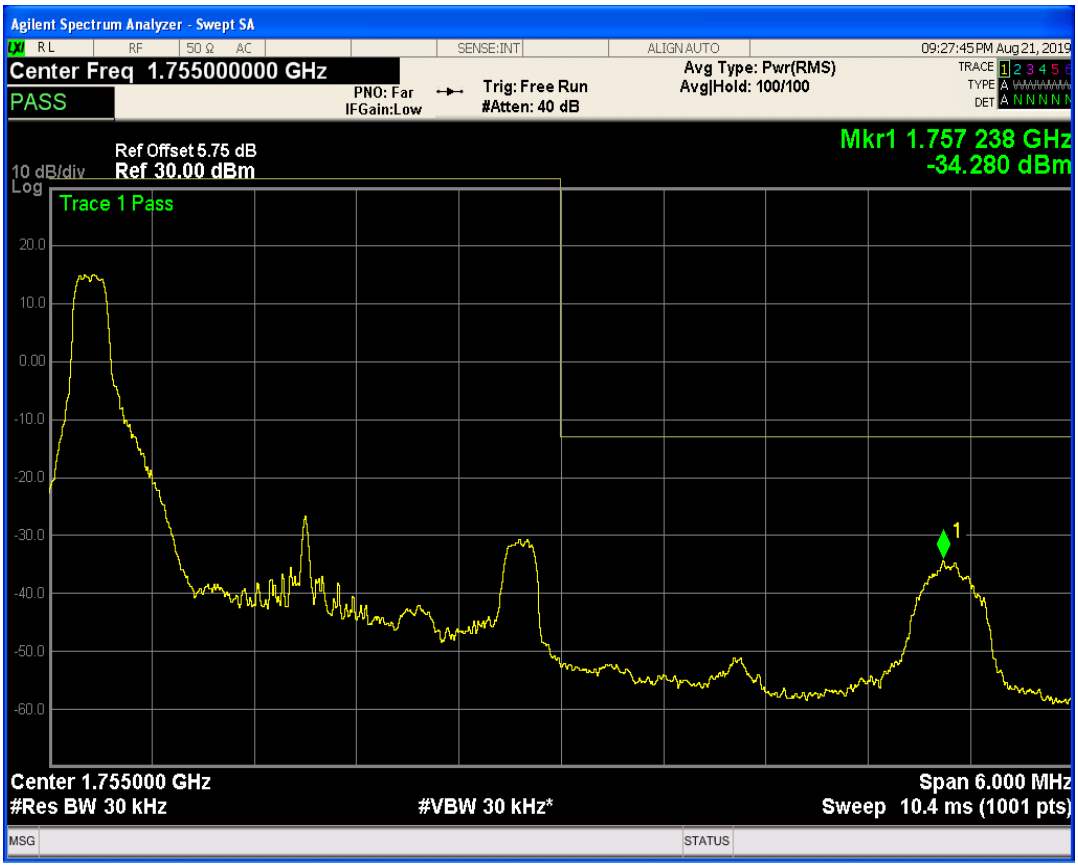


LTE Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0

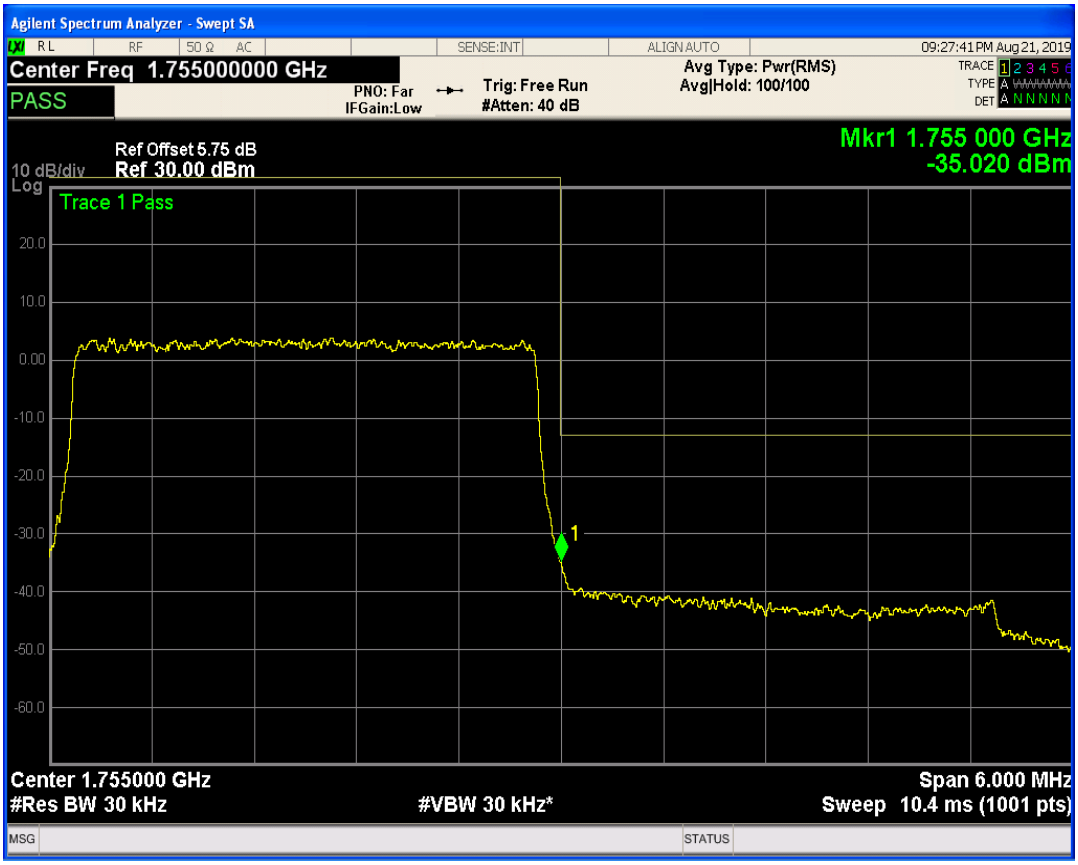
LTE Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#Max



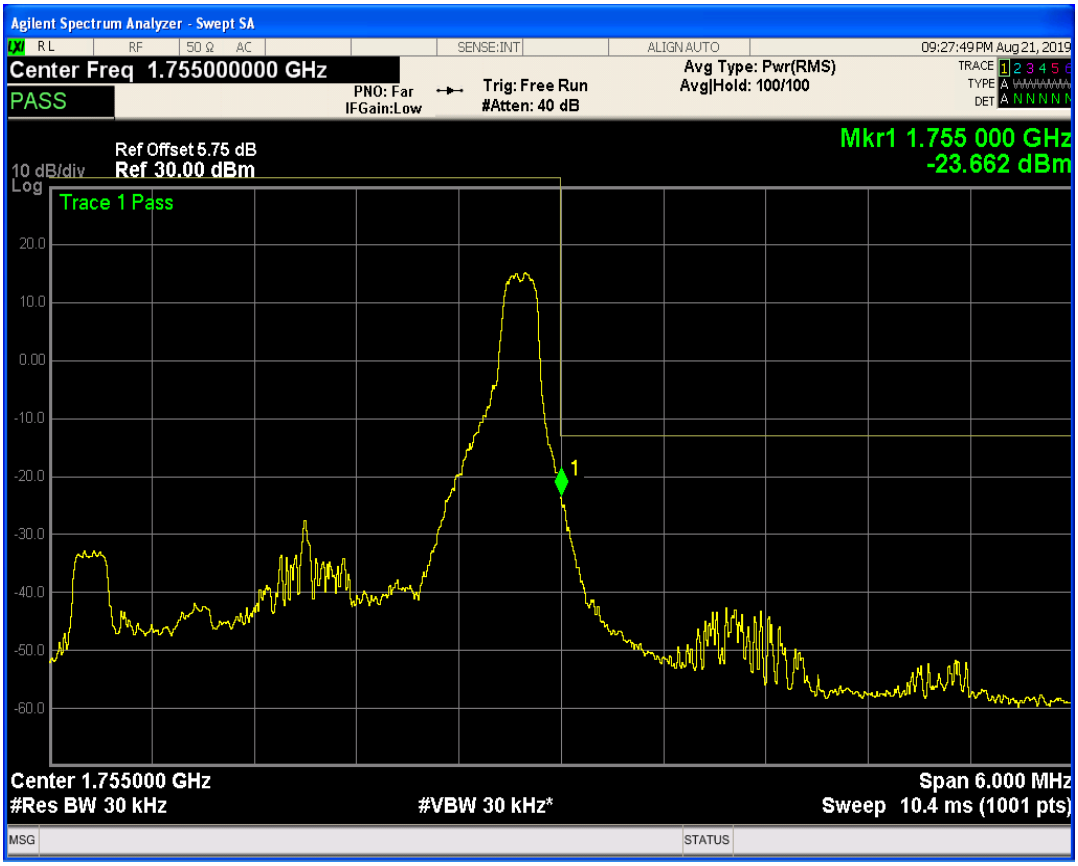
LTE Band4 QAM16 BW=3MHz Channel=20385 RB Size=1 Position=#0



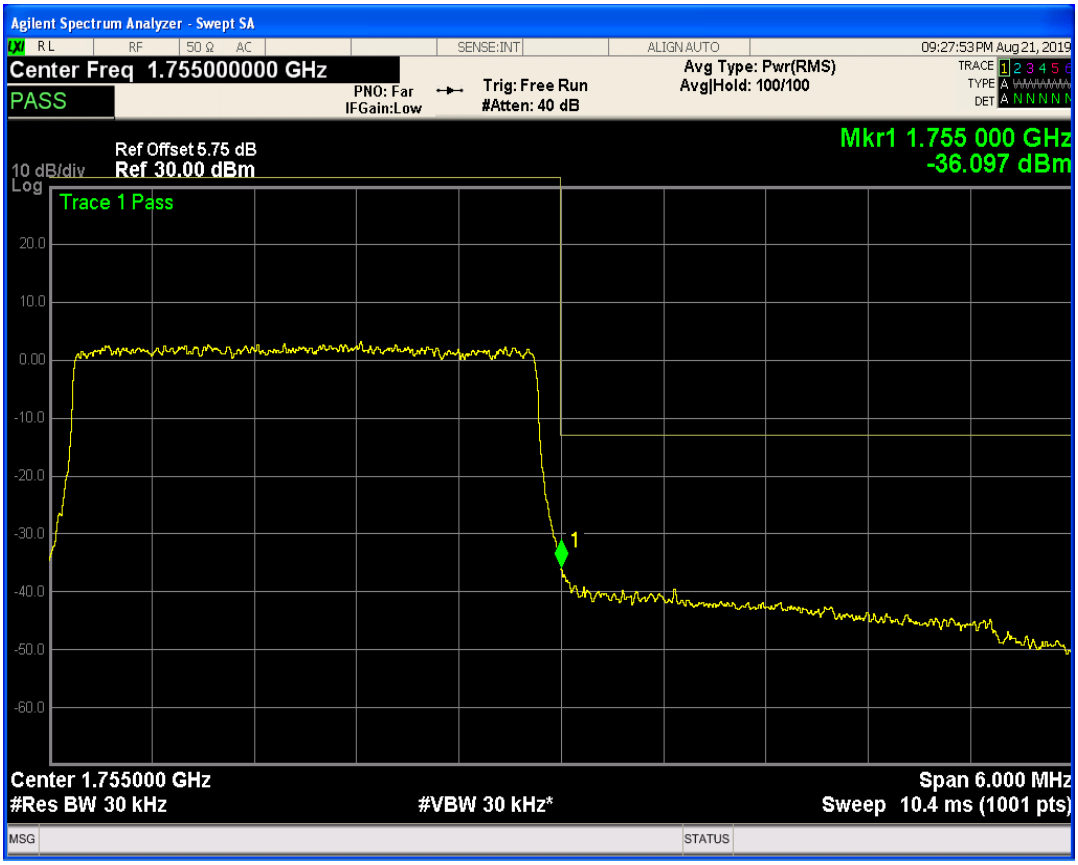
LTE Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



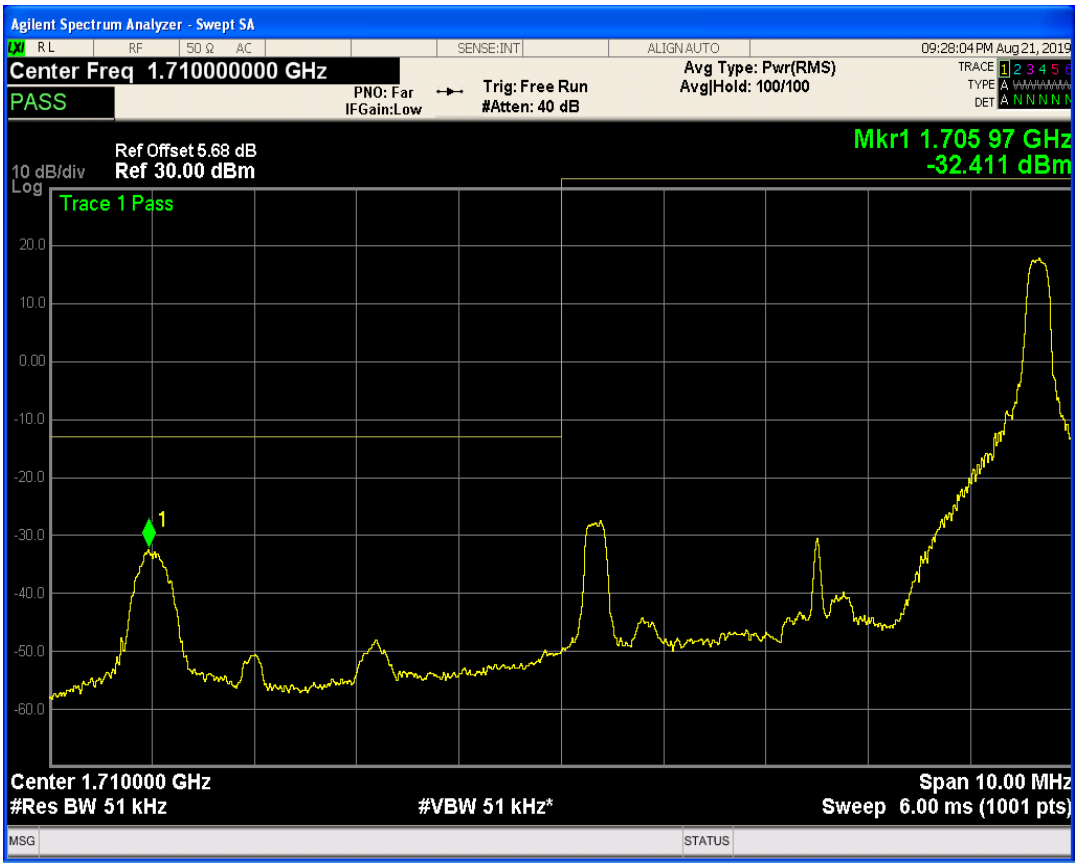
LTE Band4 QAM16 BW=3MHz Channel=20385 RB Size=1 Position=#Max



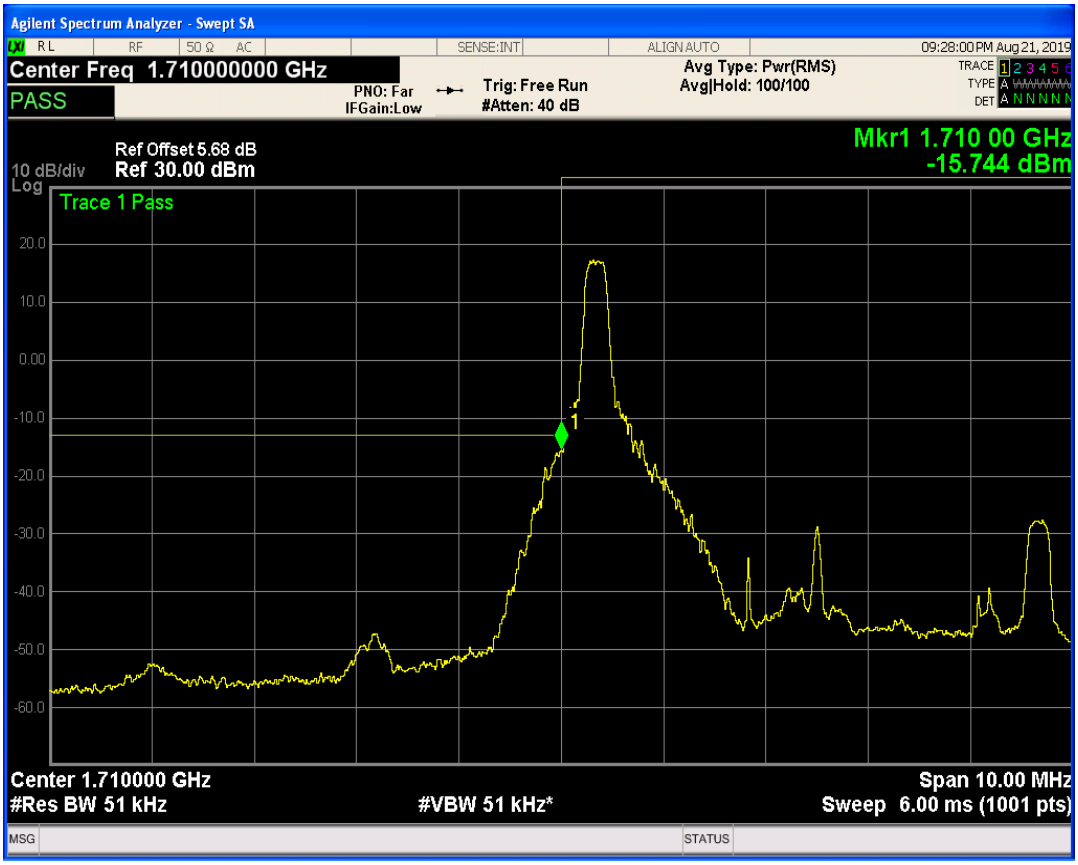
LTE Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



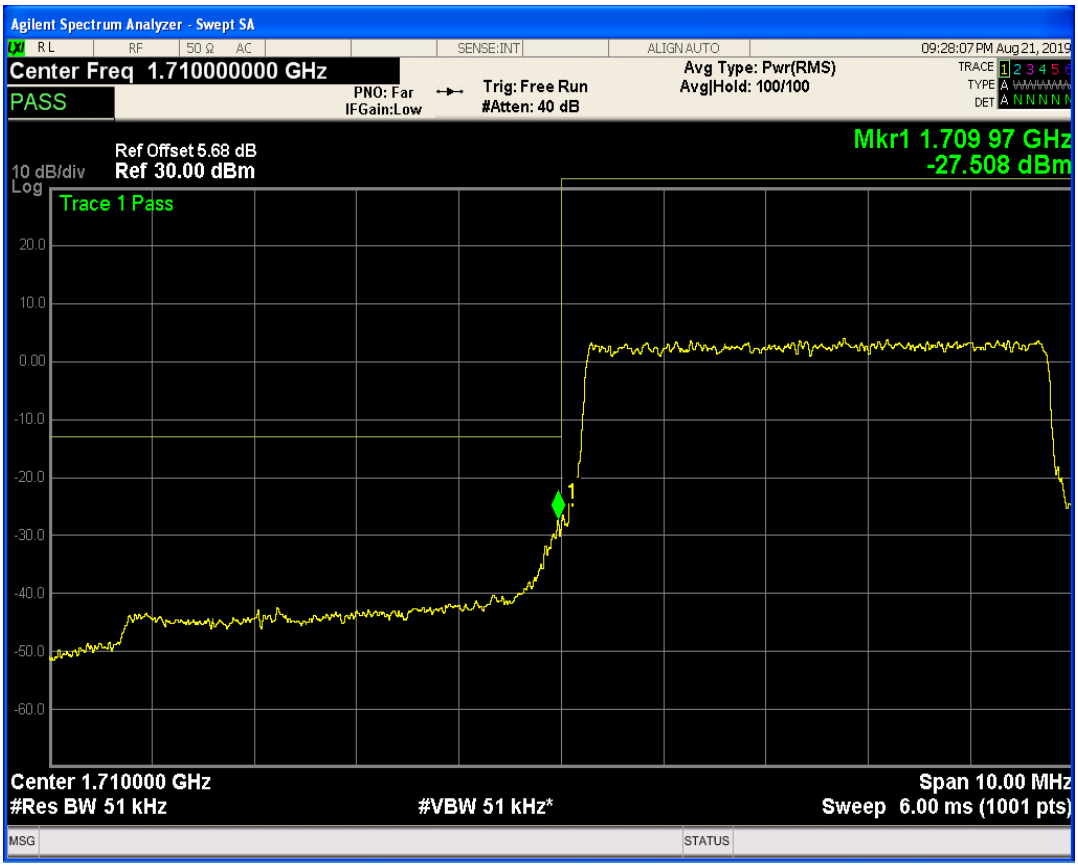
LTE Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#Max



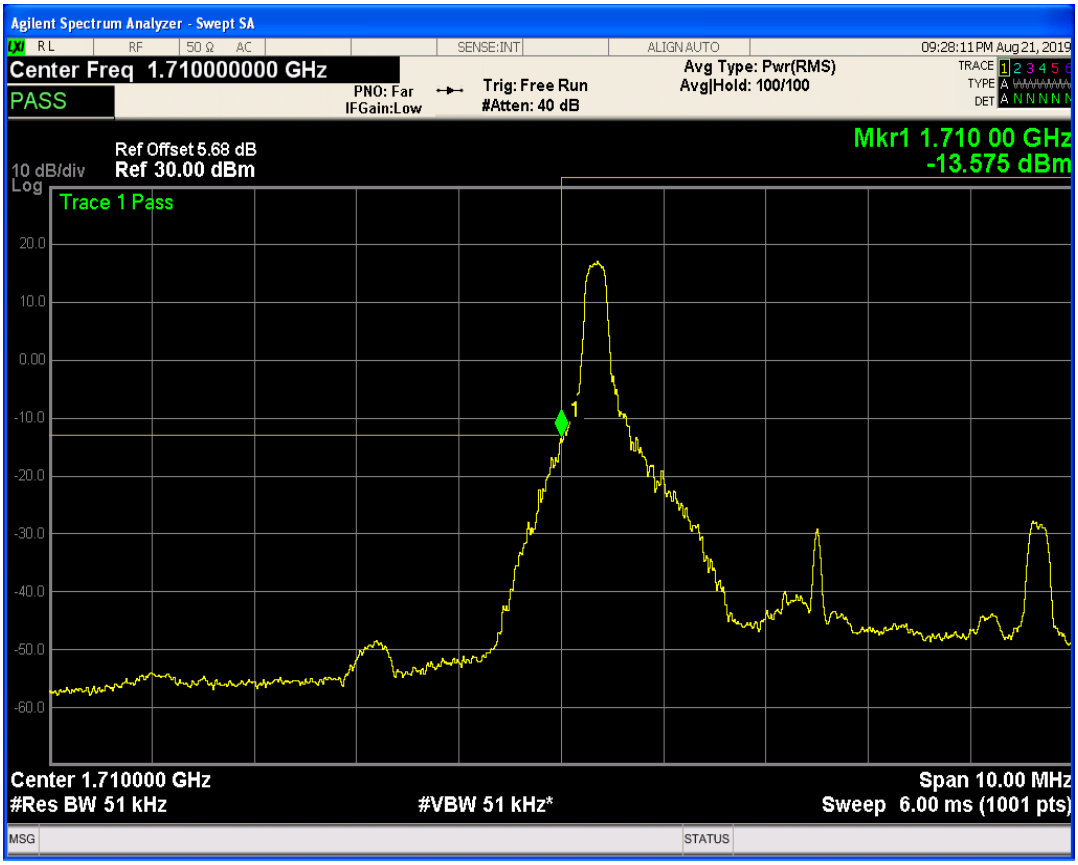
LTE Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



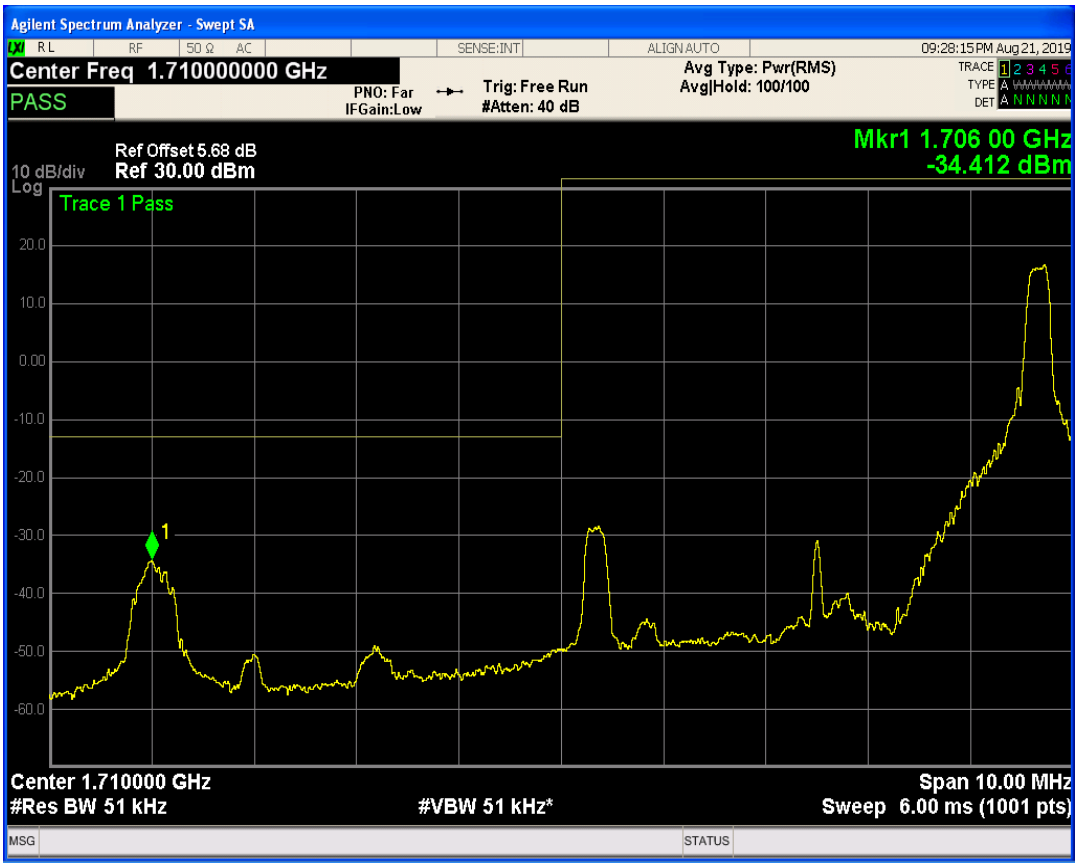
LTE Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



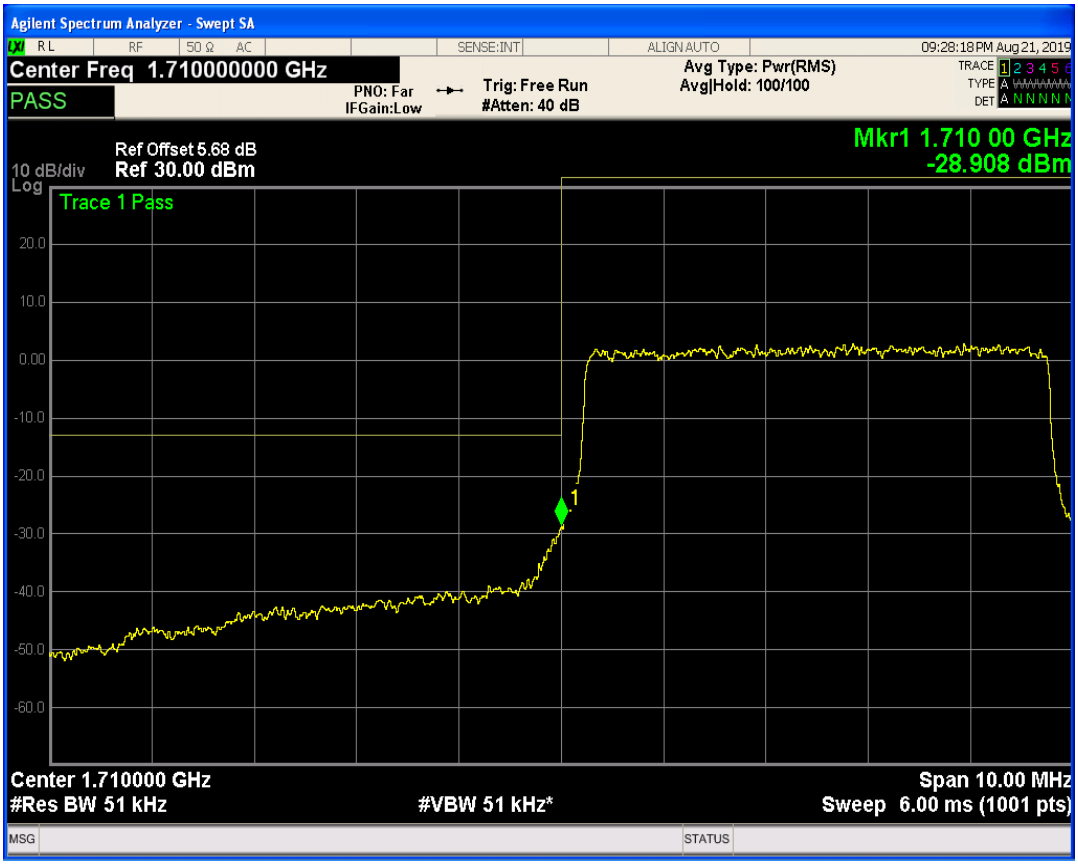
LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=1 Position=#0



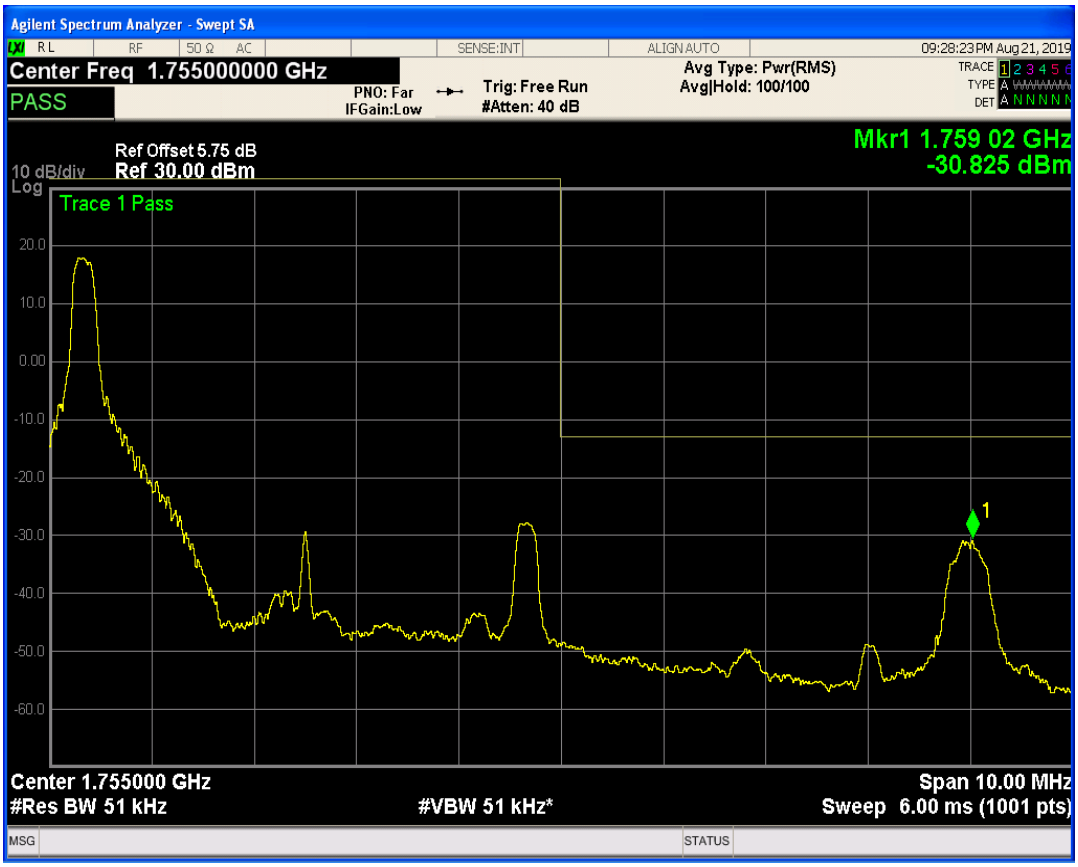
LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=1 Position=#Max



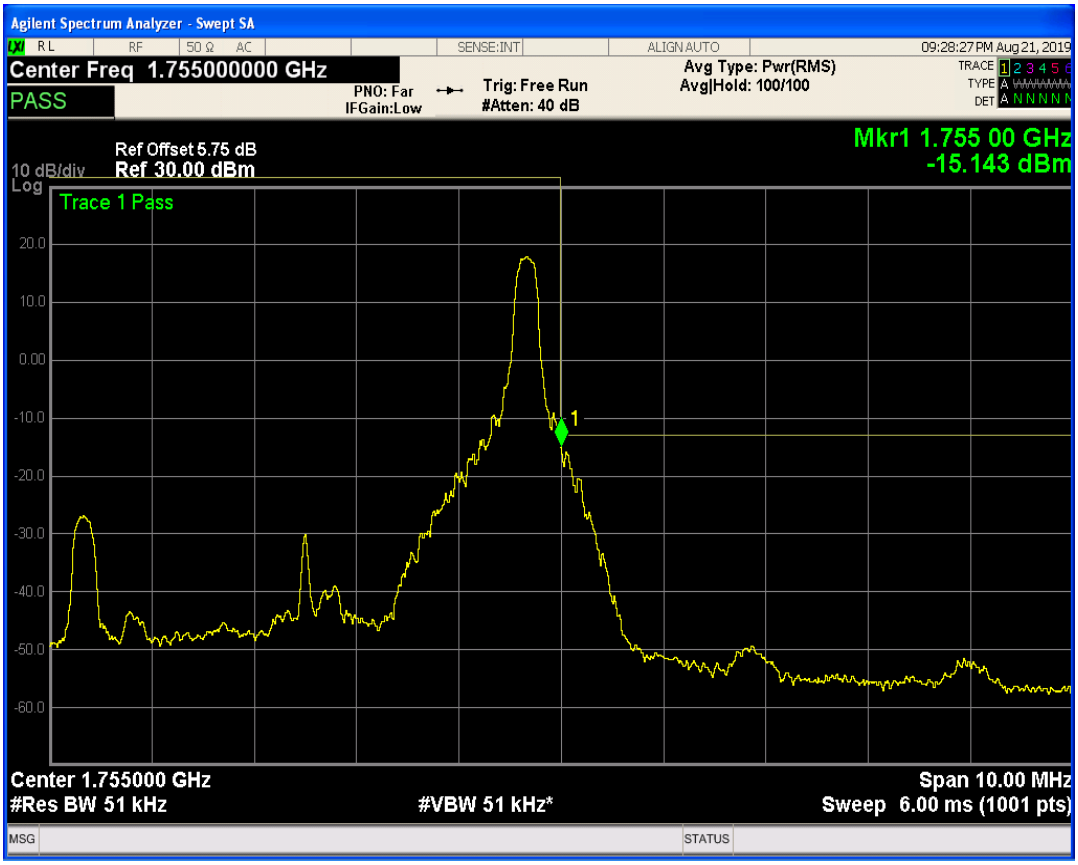
LTE Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



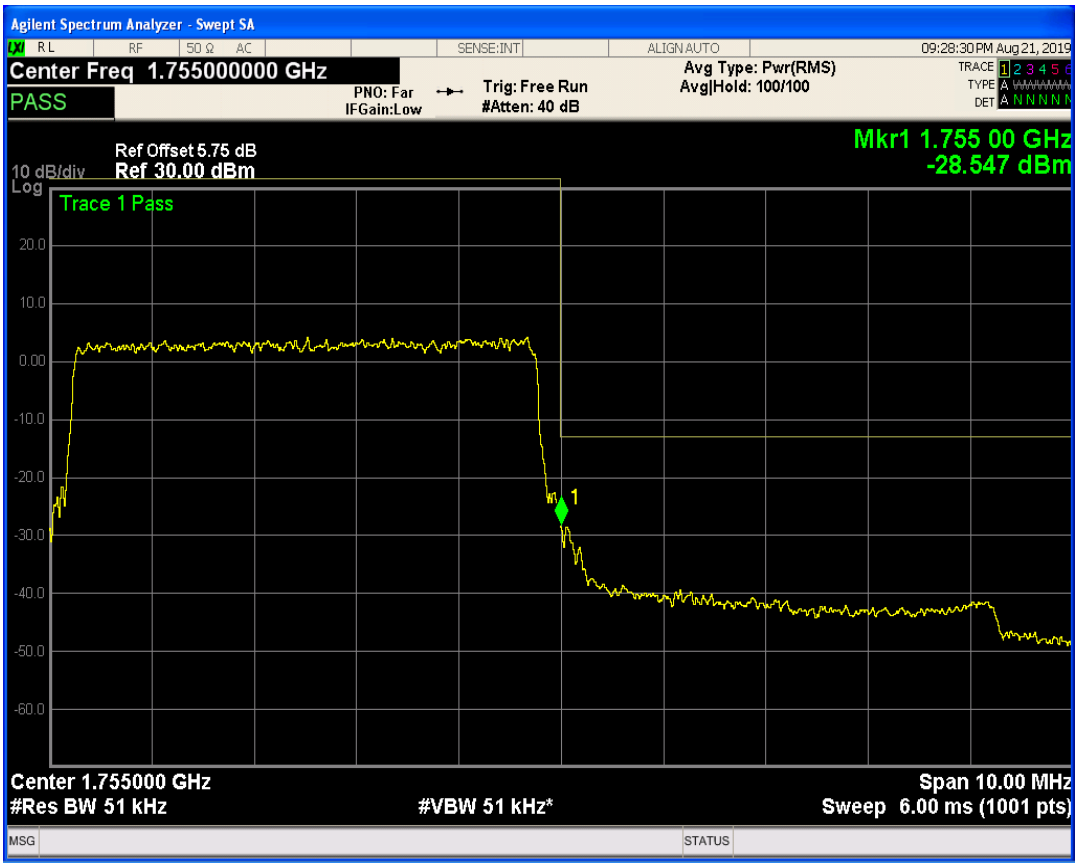
LTE Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



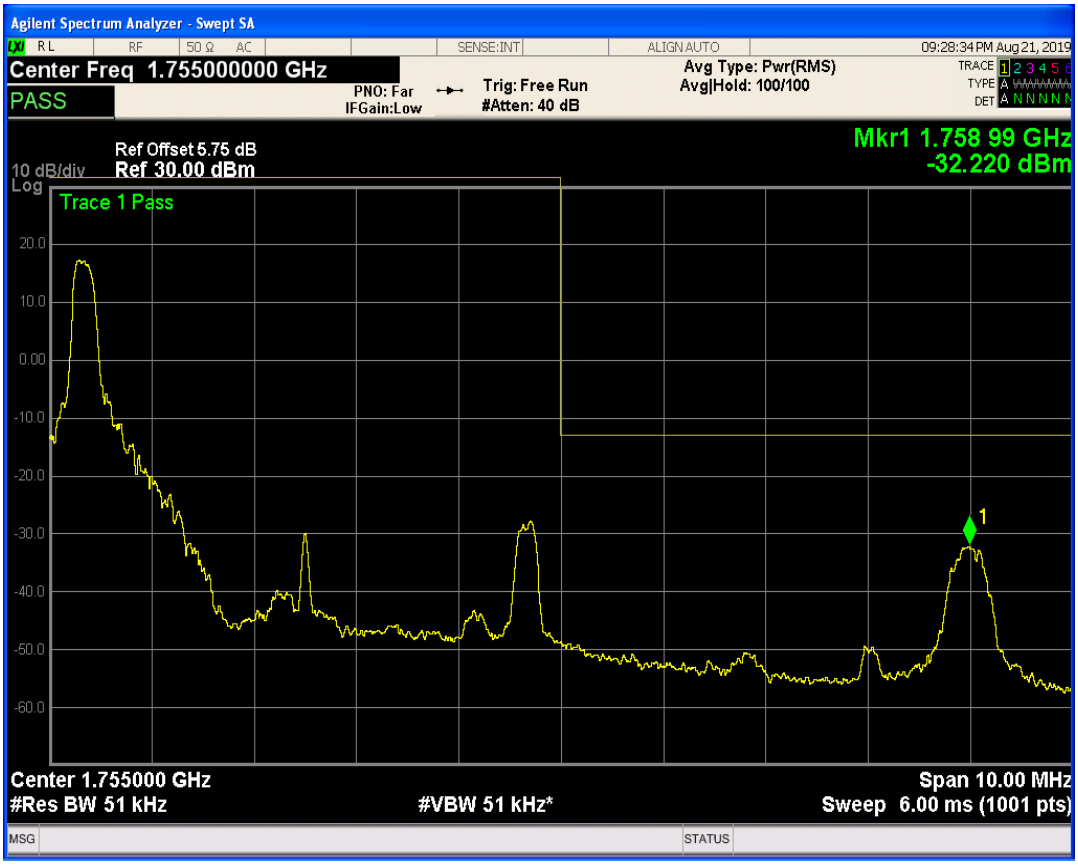
LTE Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#Max



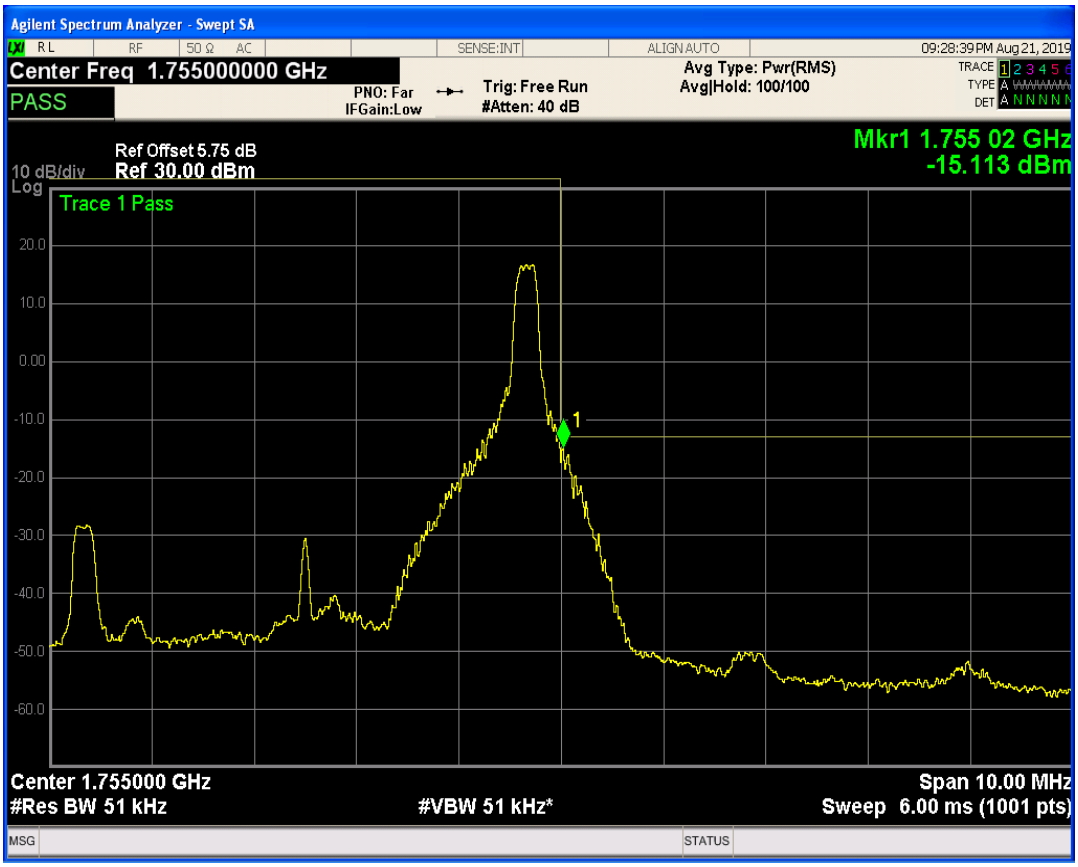
LTE Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



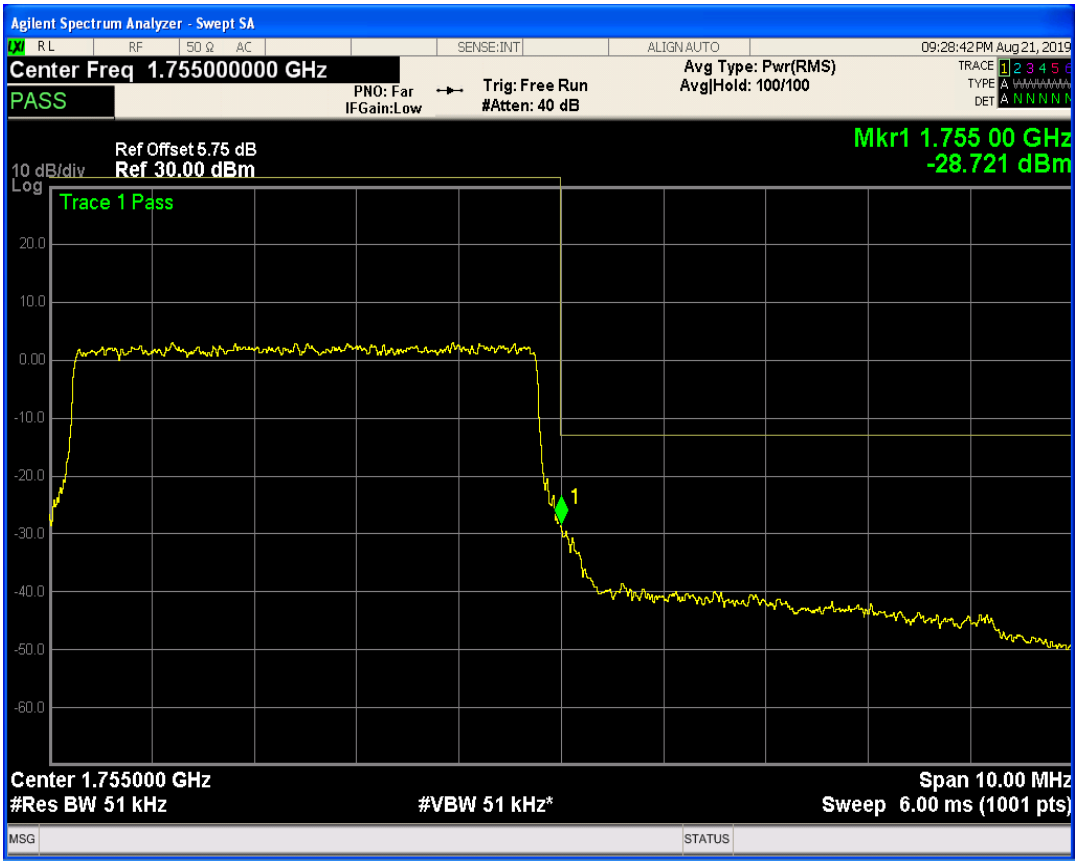
LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=1 Position=#0



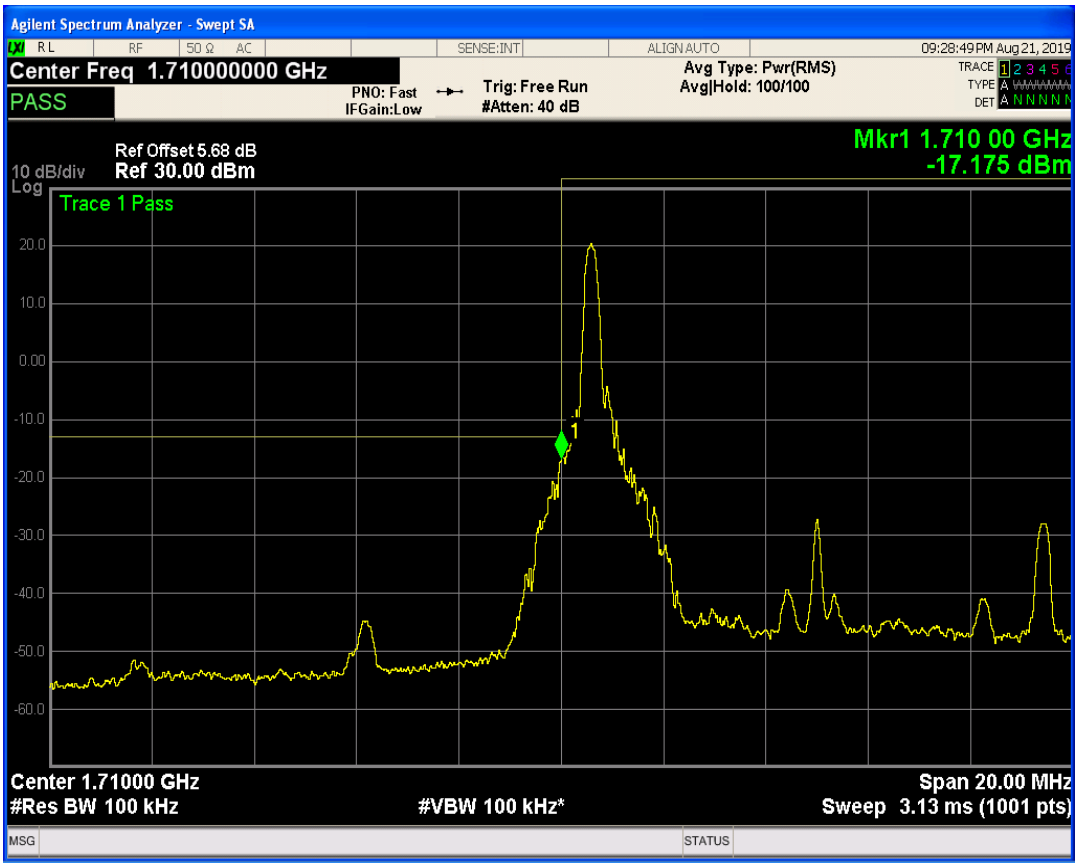
LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=1 Position=#Max



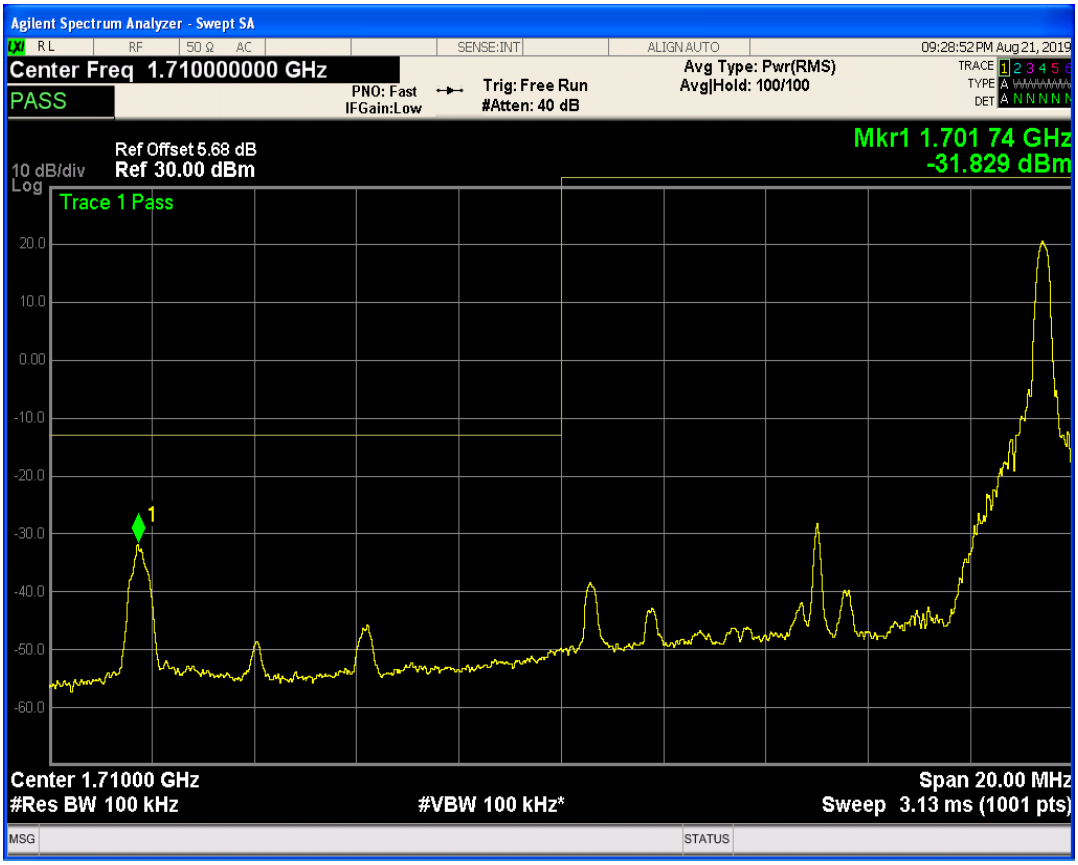
LTE Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



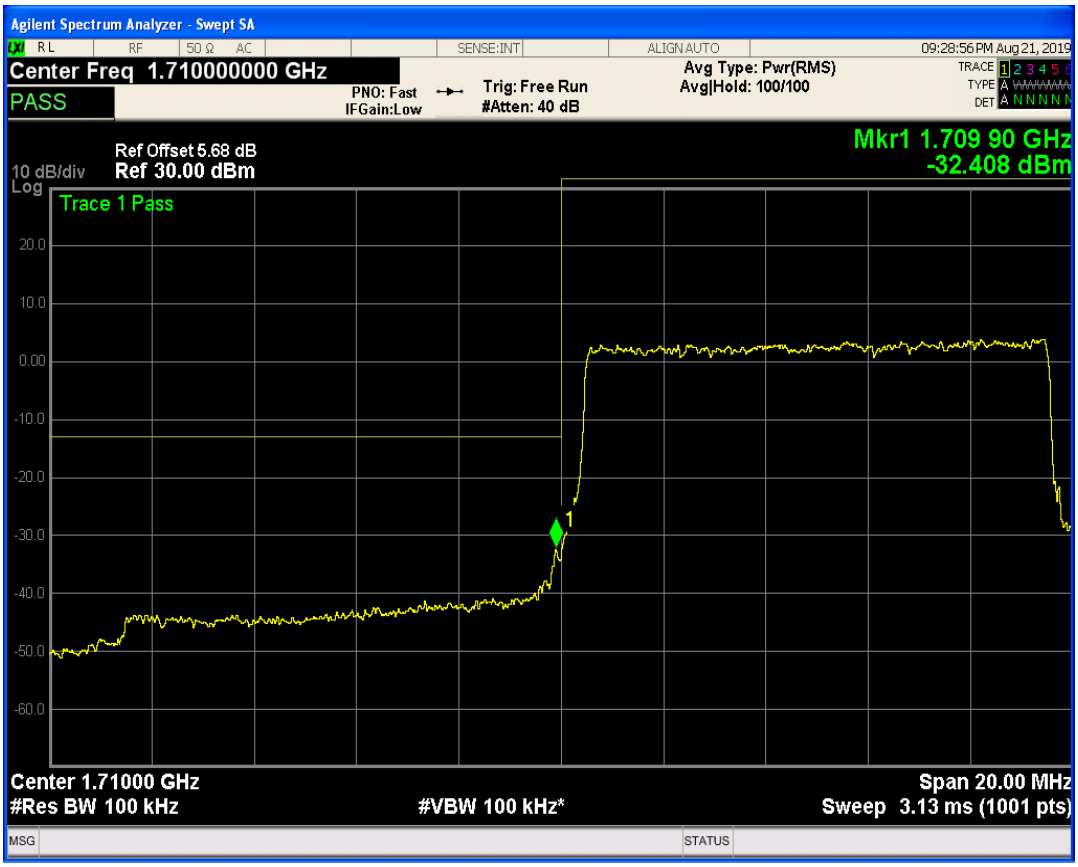
LTE Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



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



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



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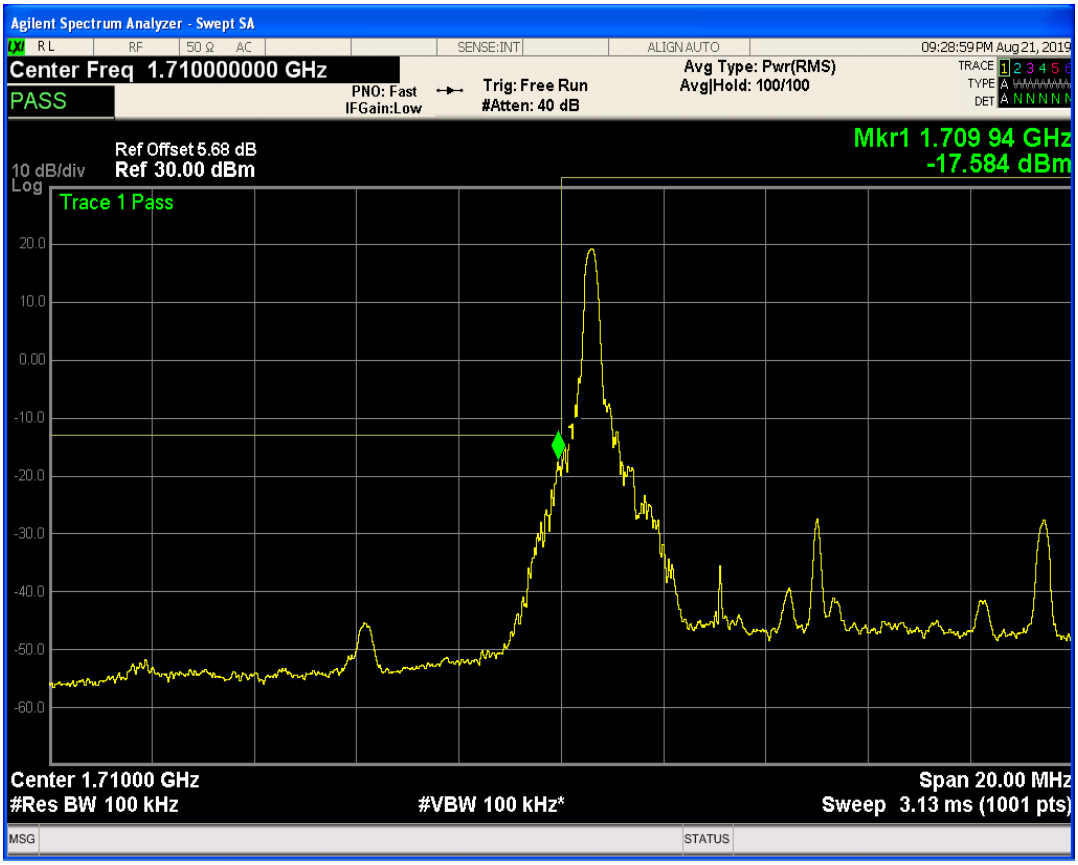

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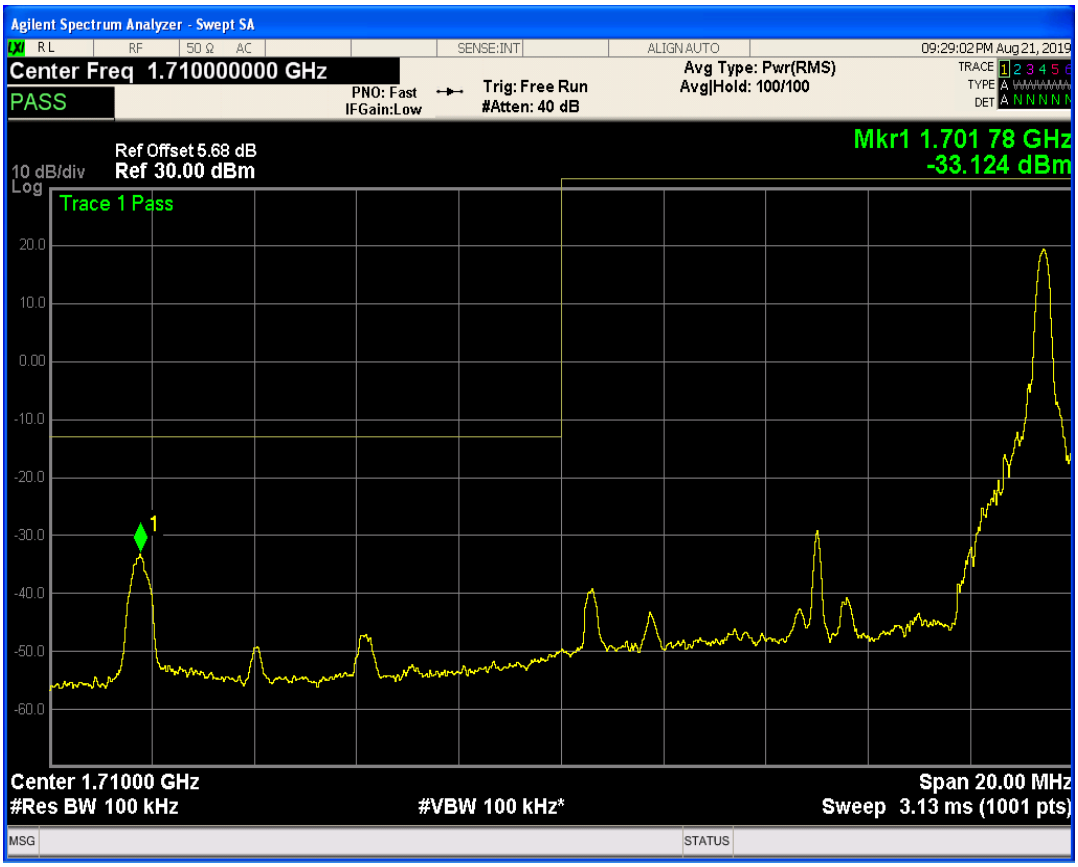

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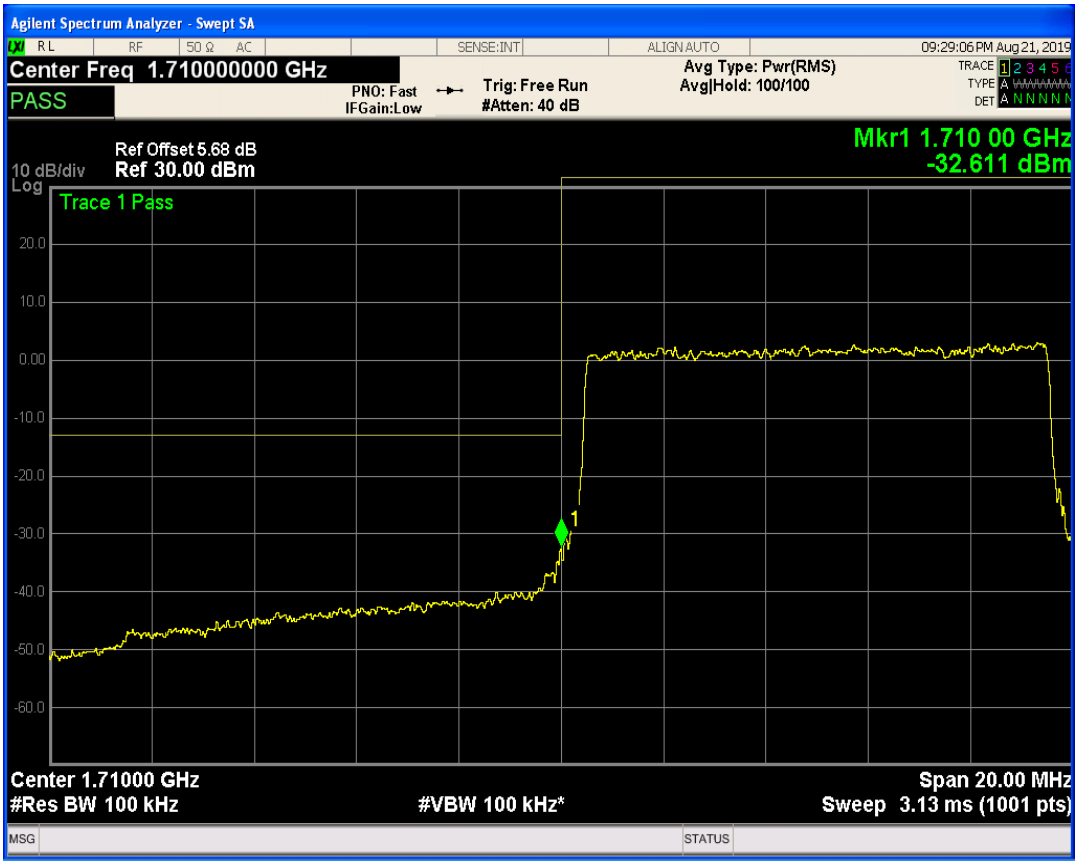

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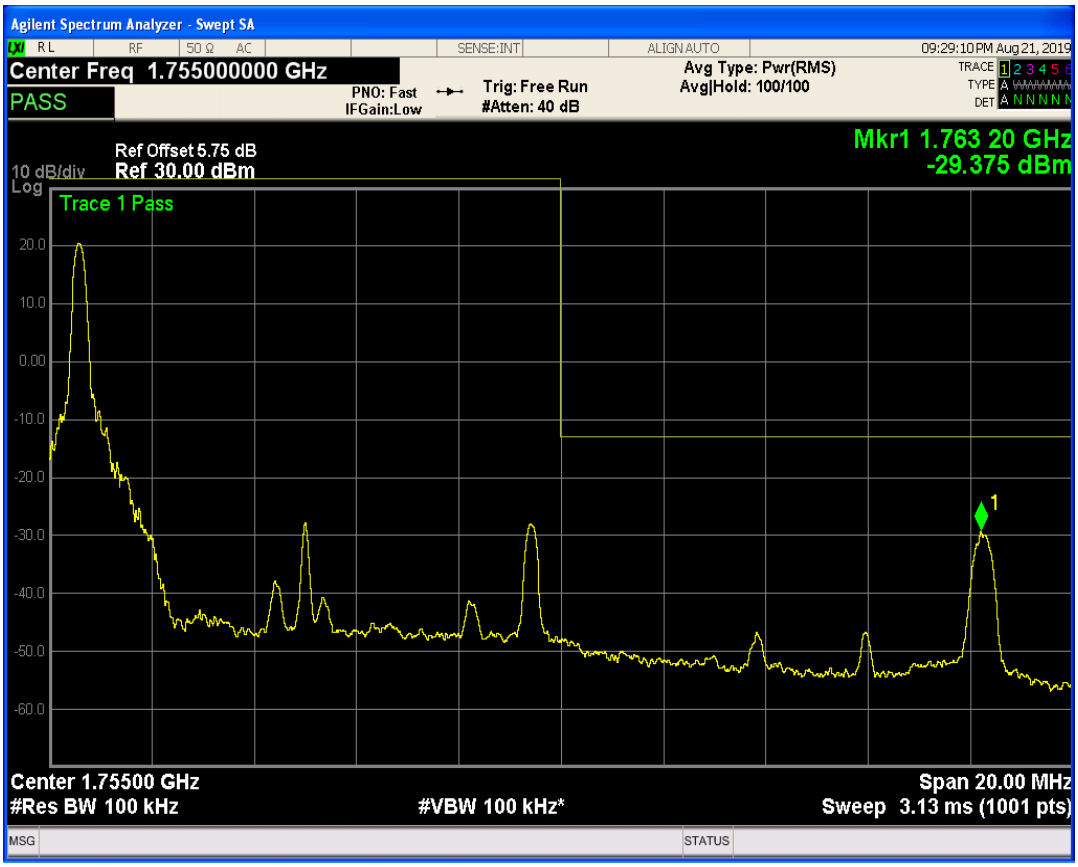

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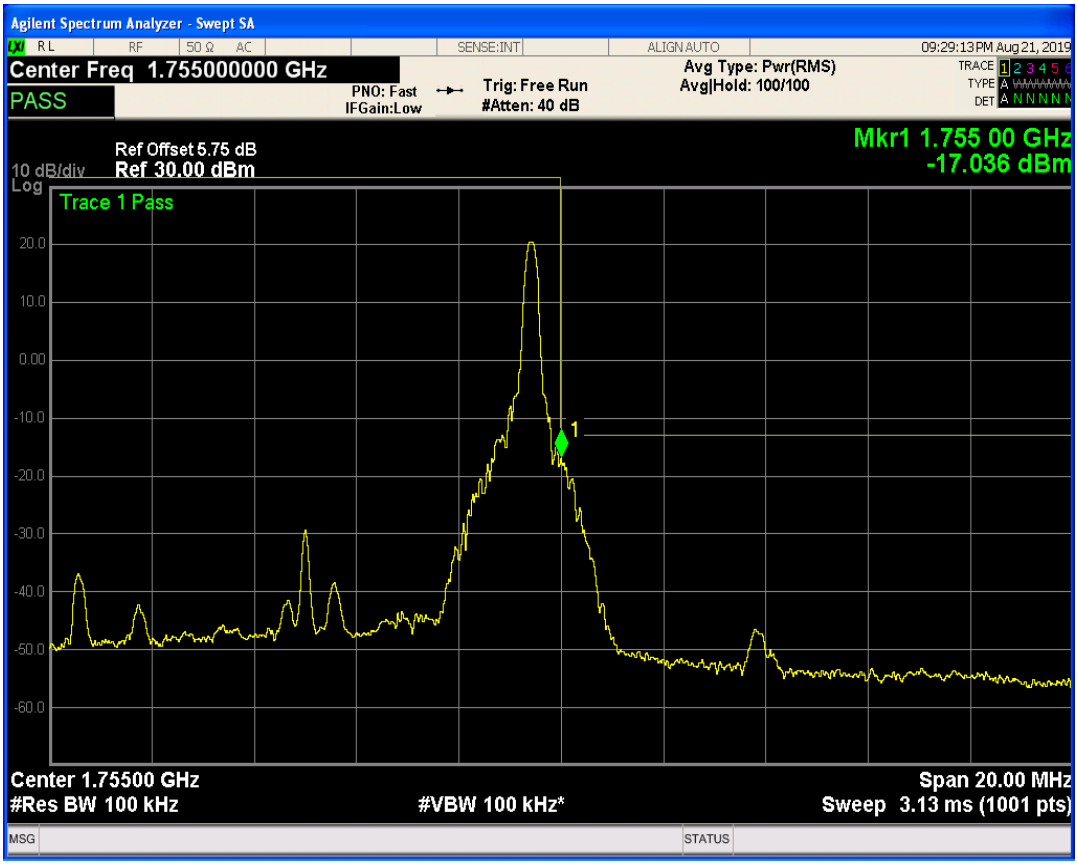

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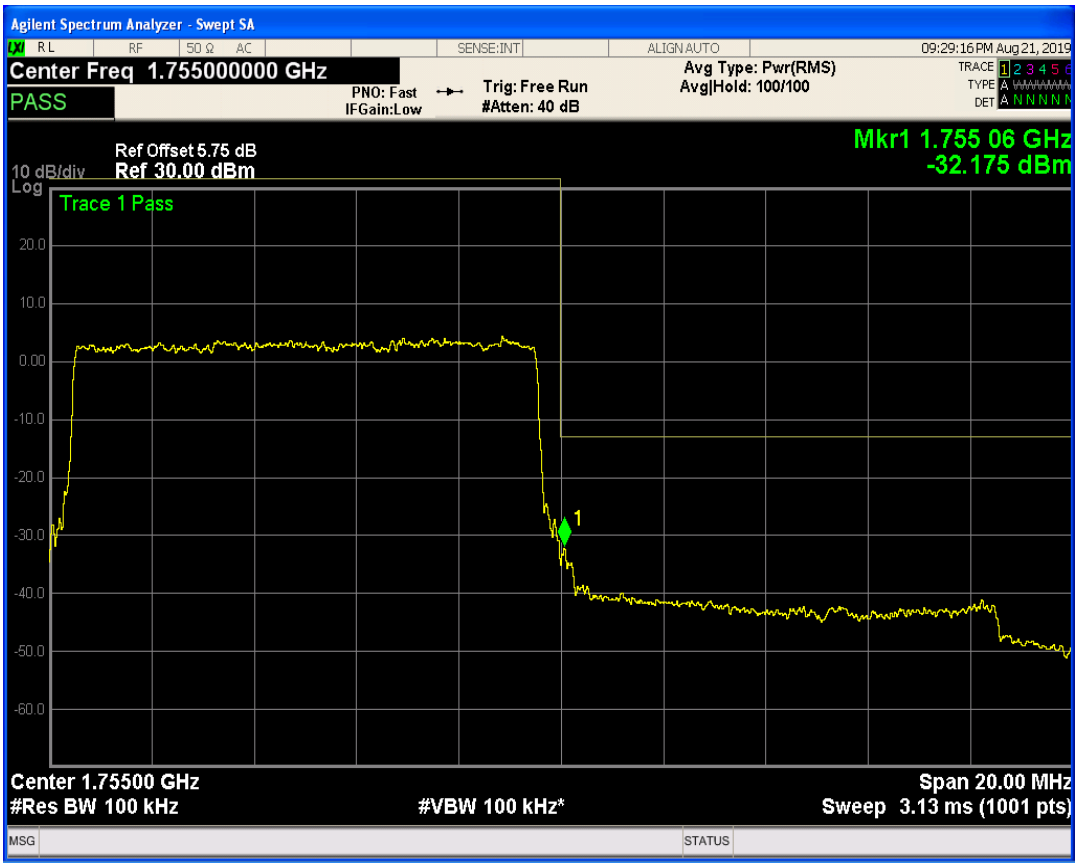

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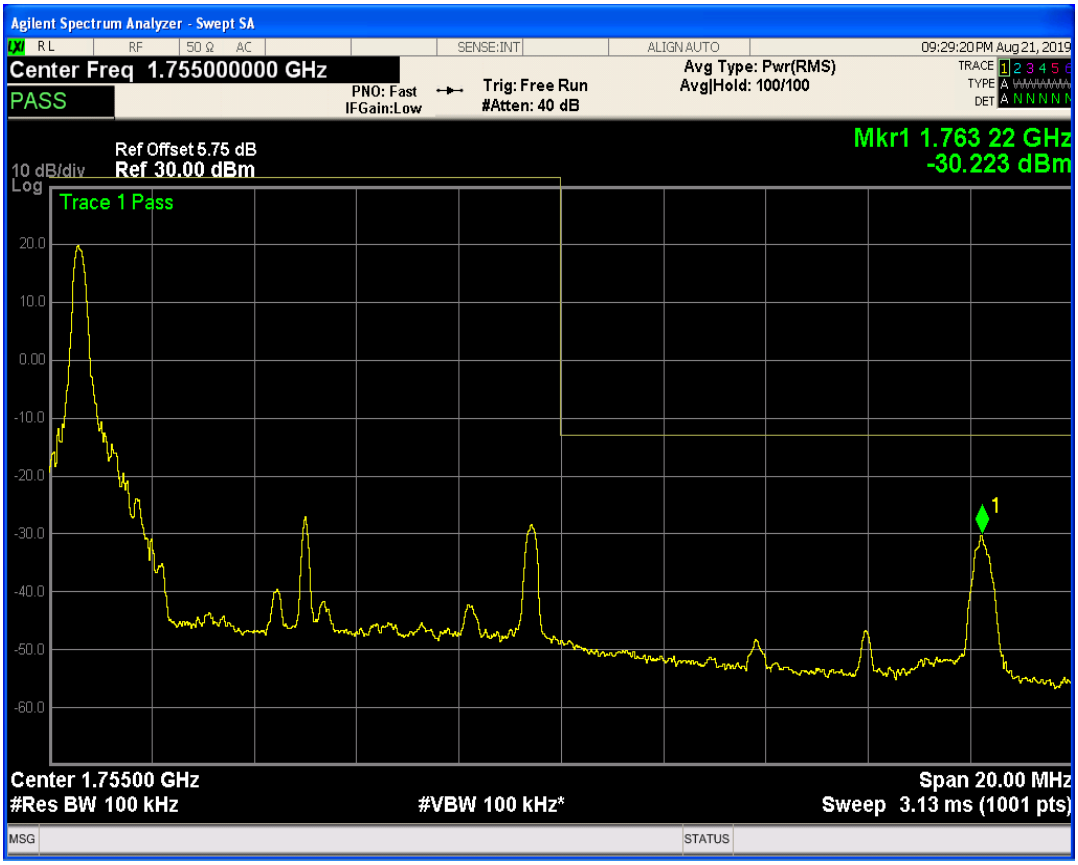

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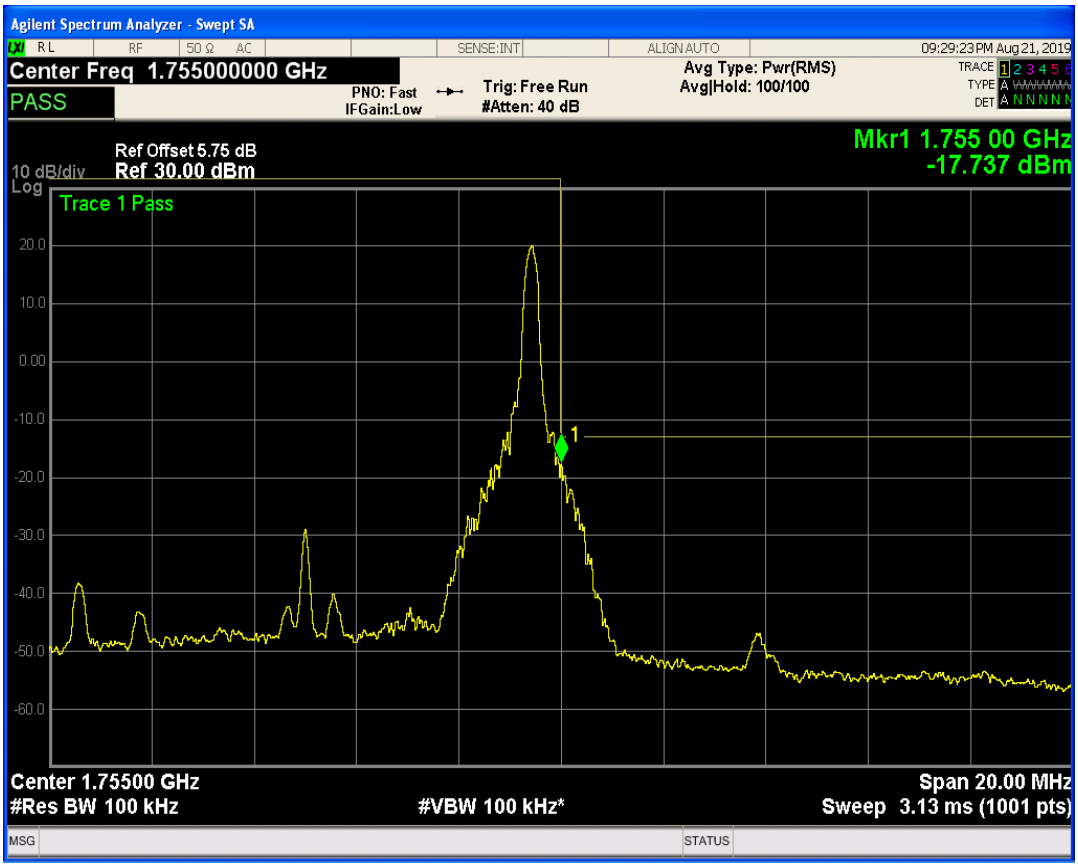

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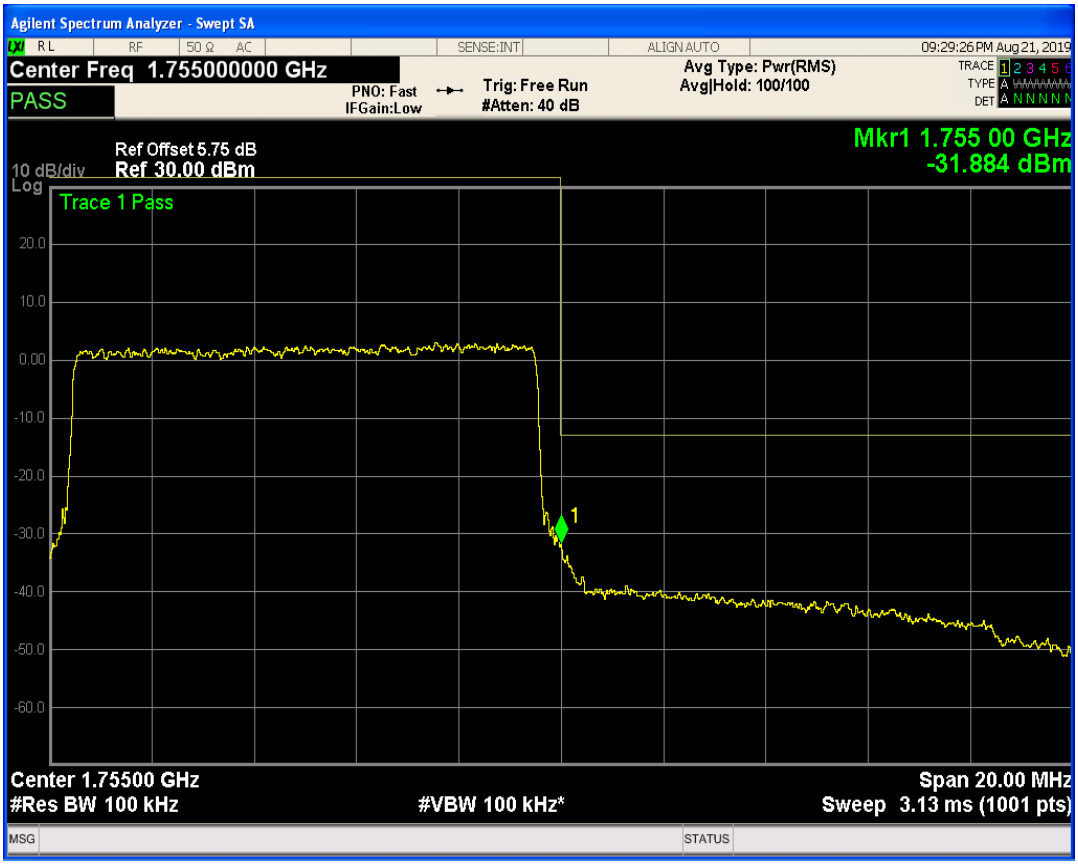

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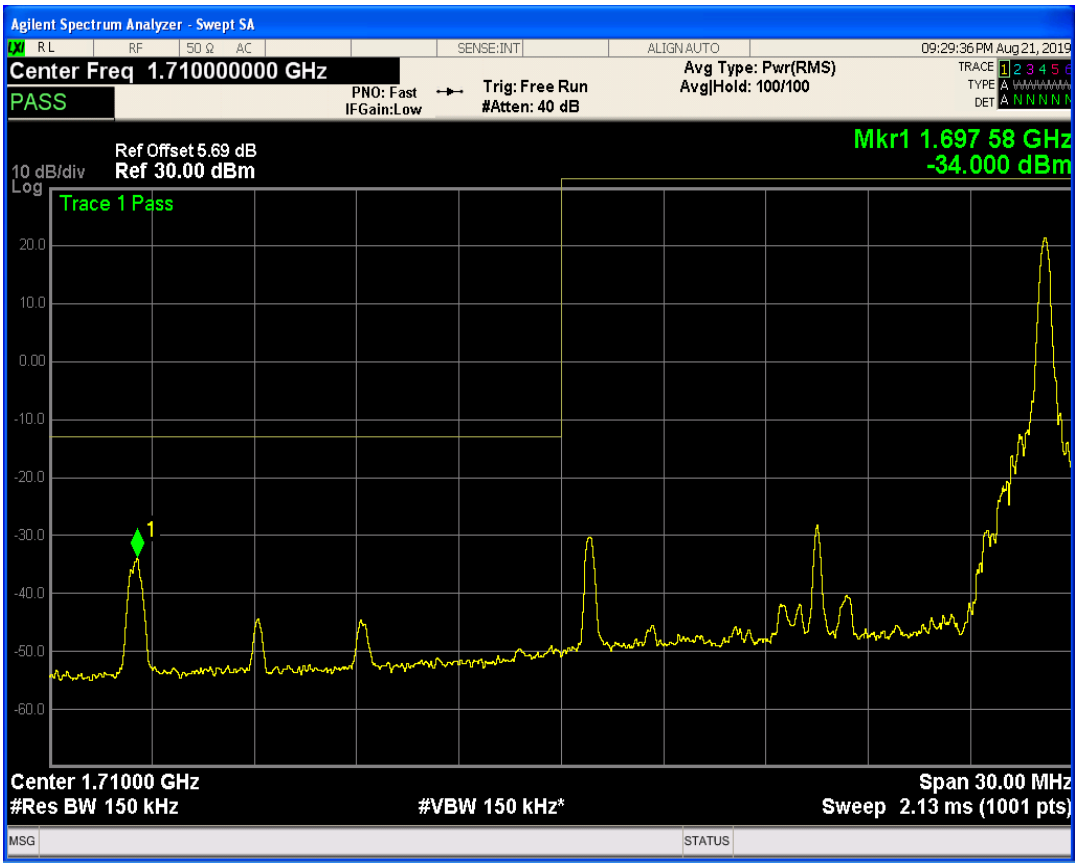

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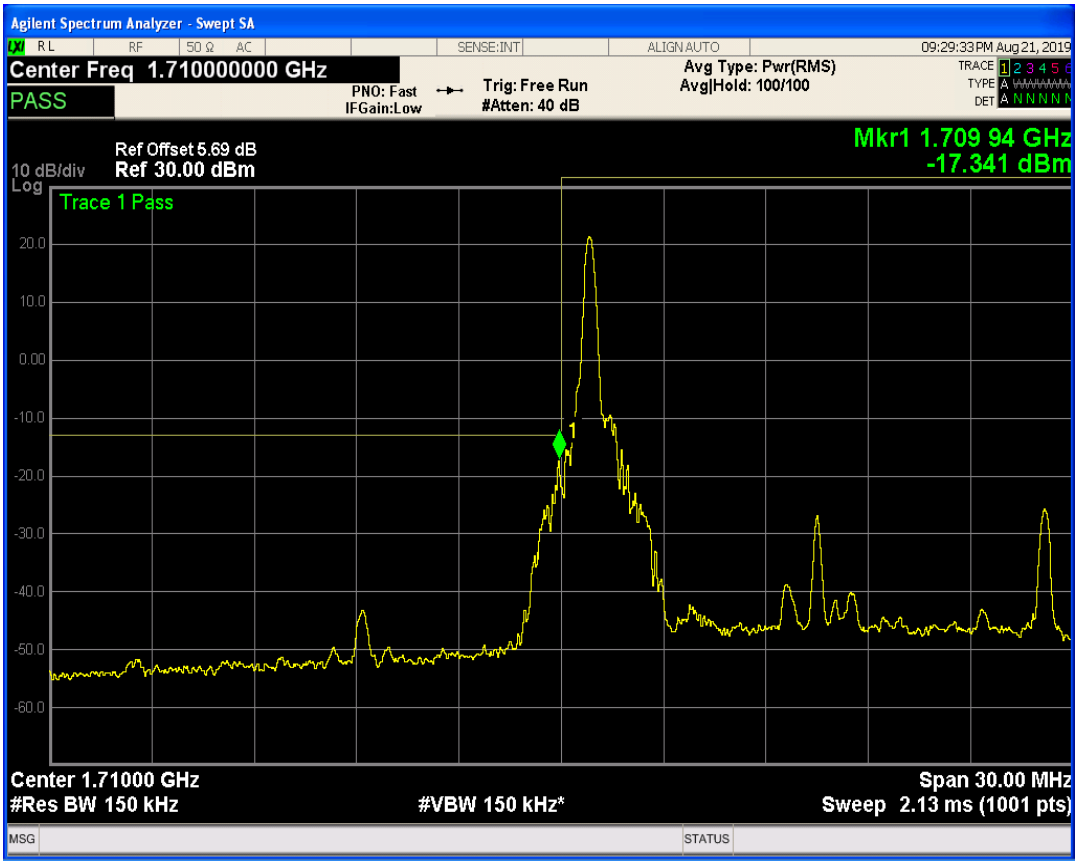

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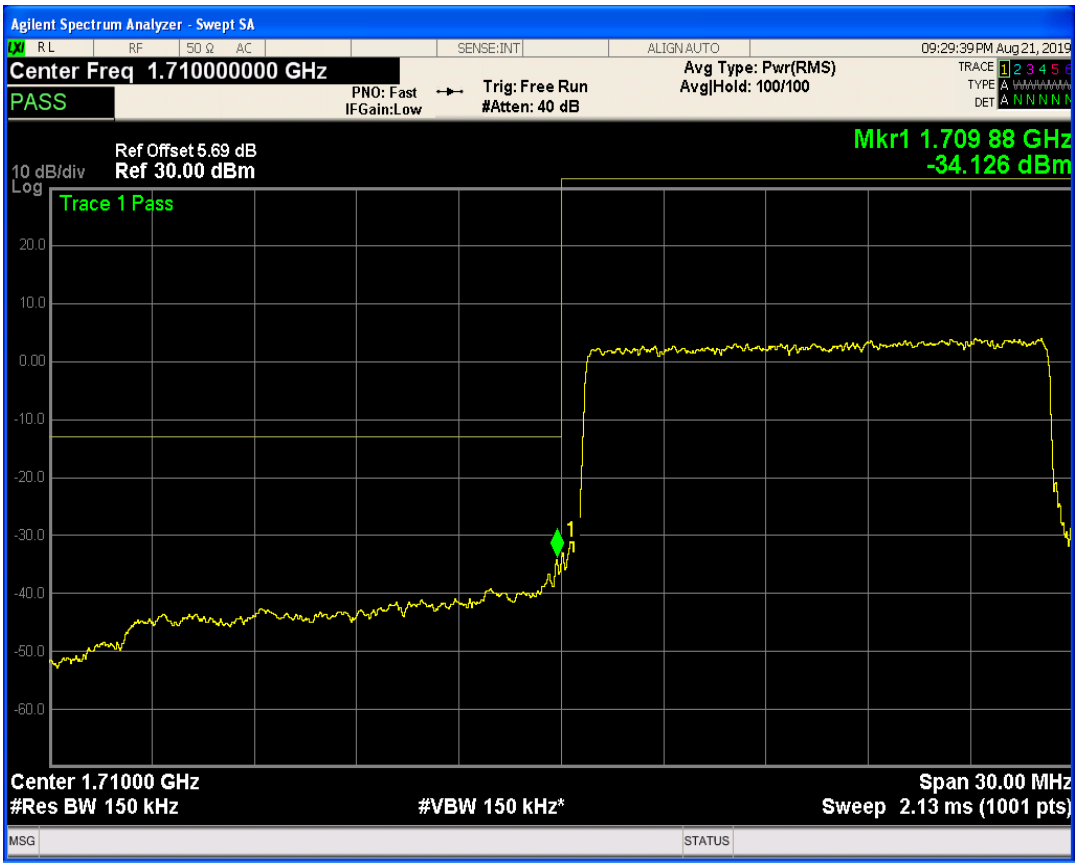

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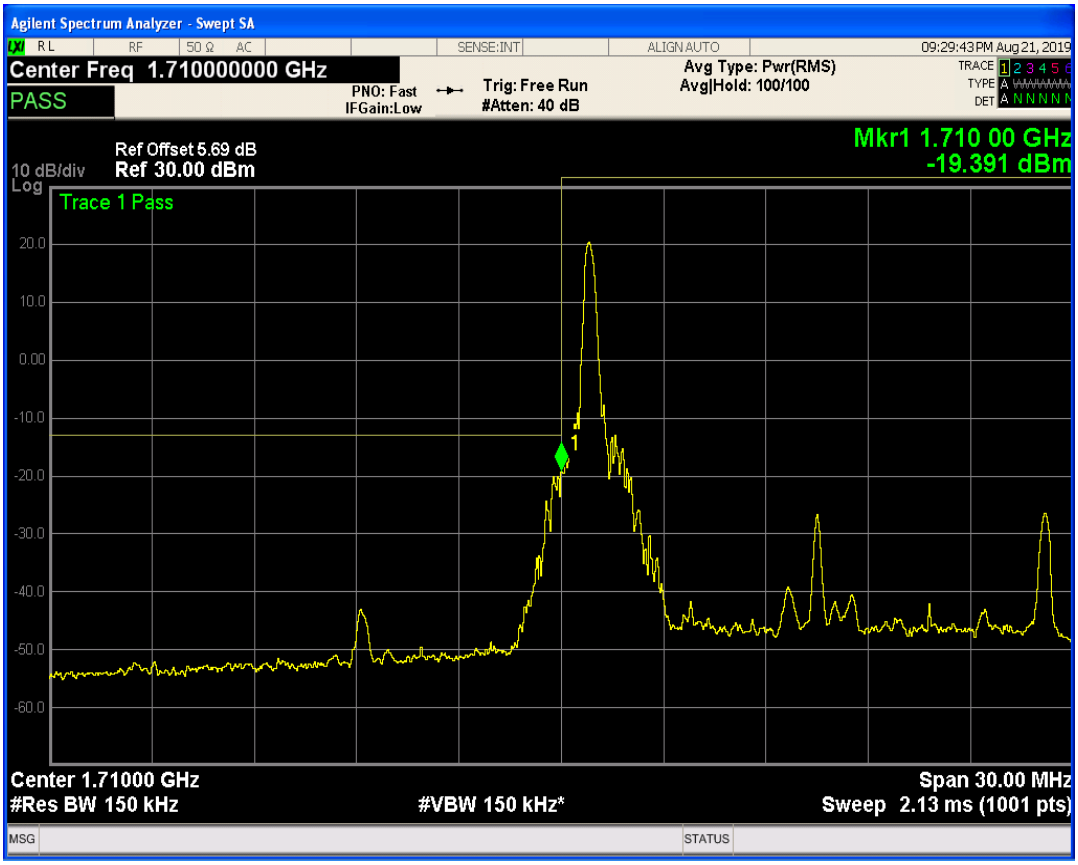

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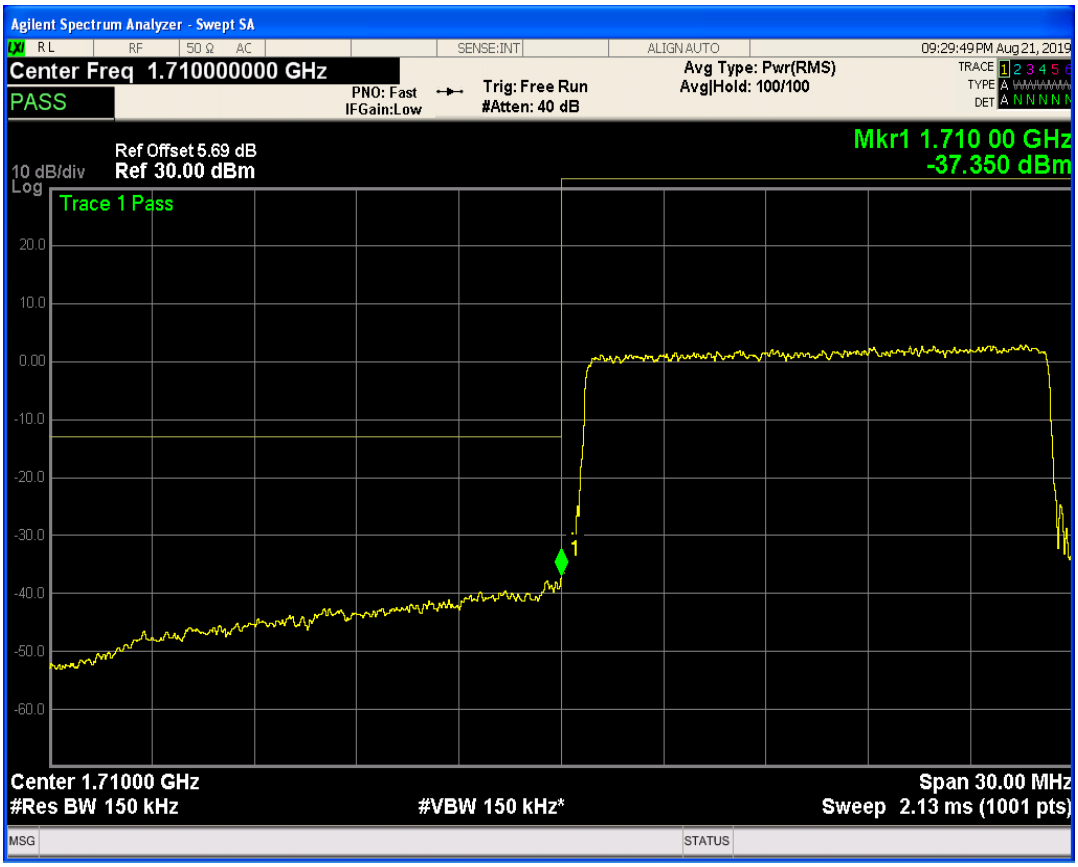

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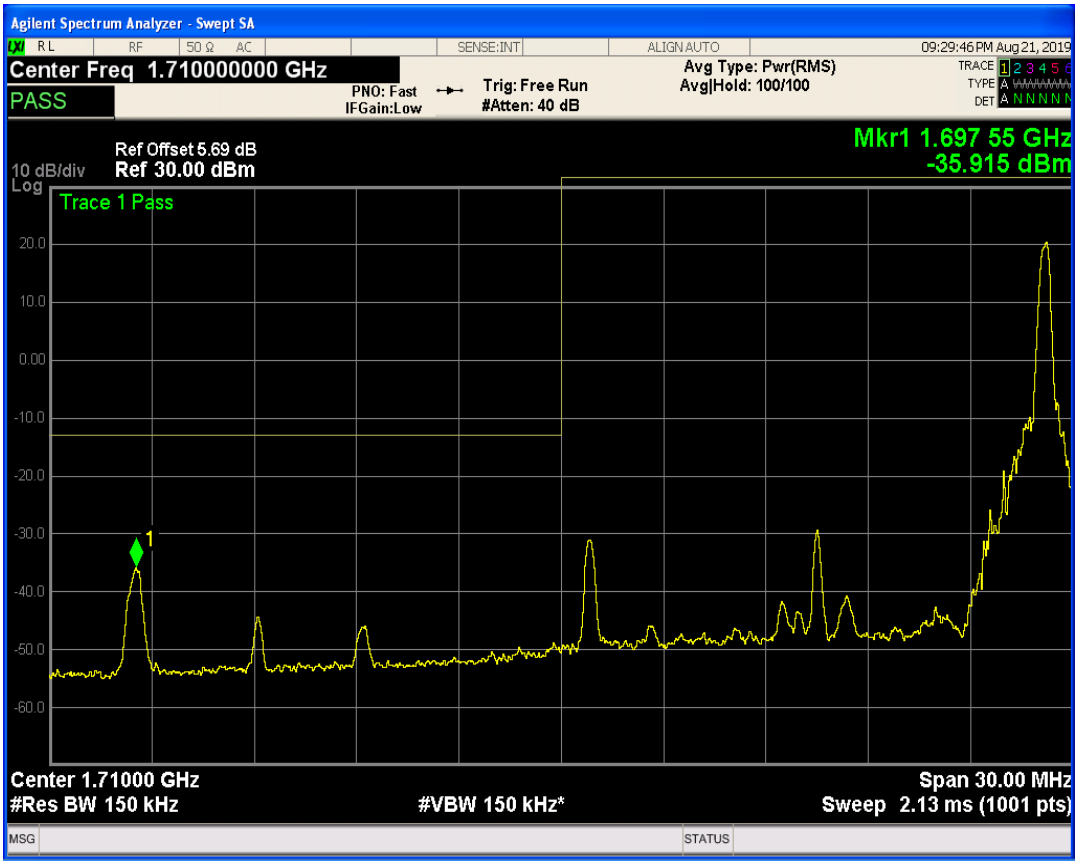

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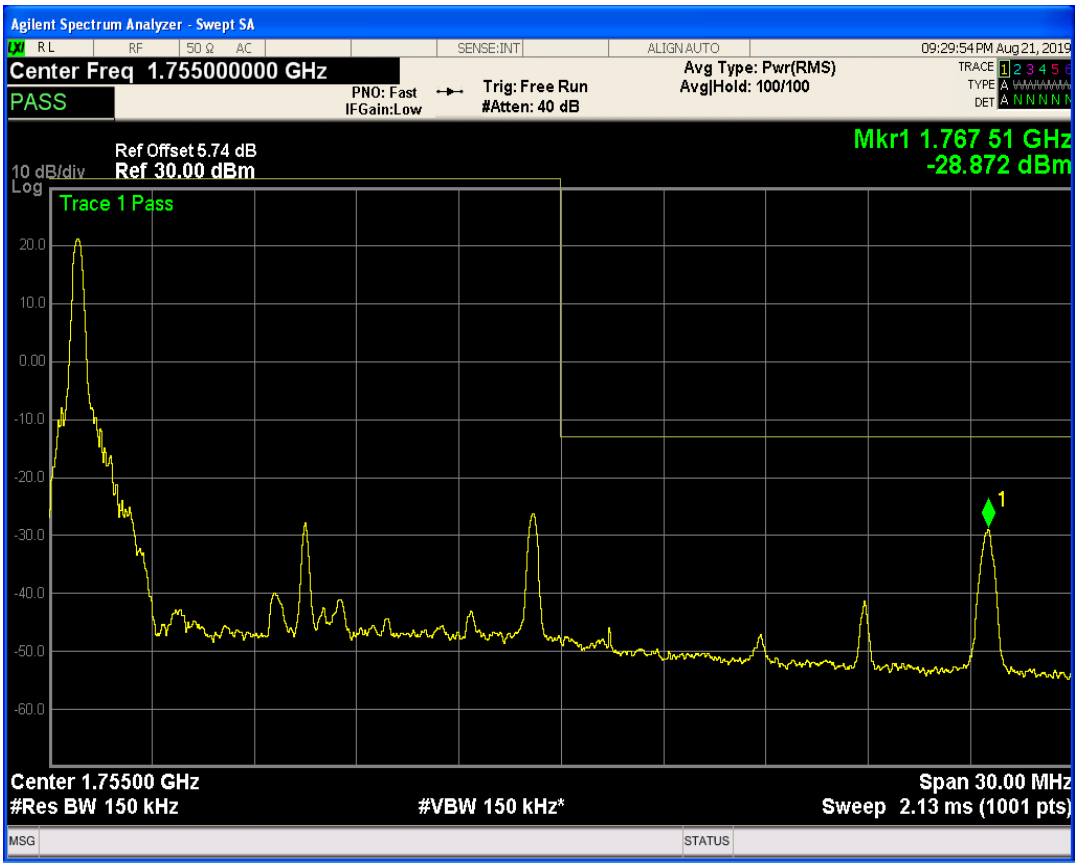

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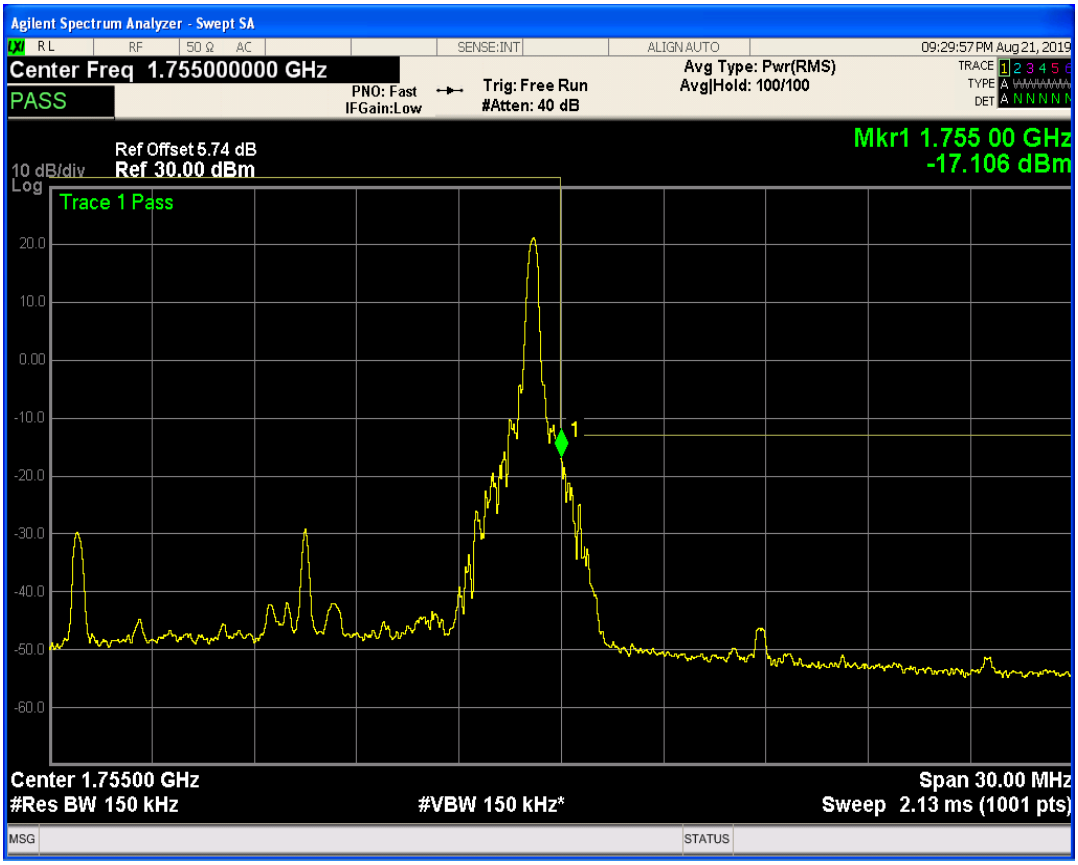

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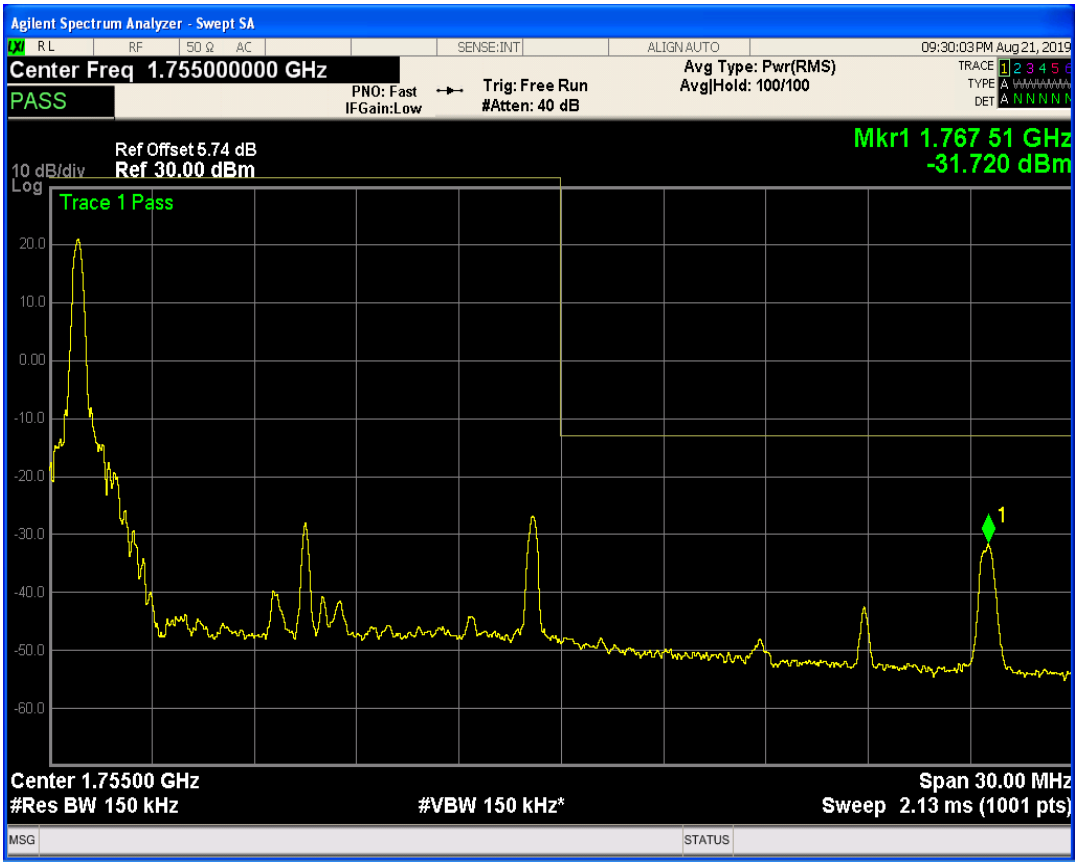

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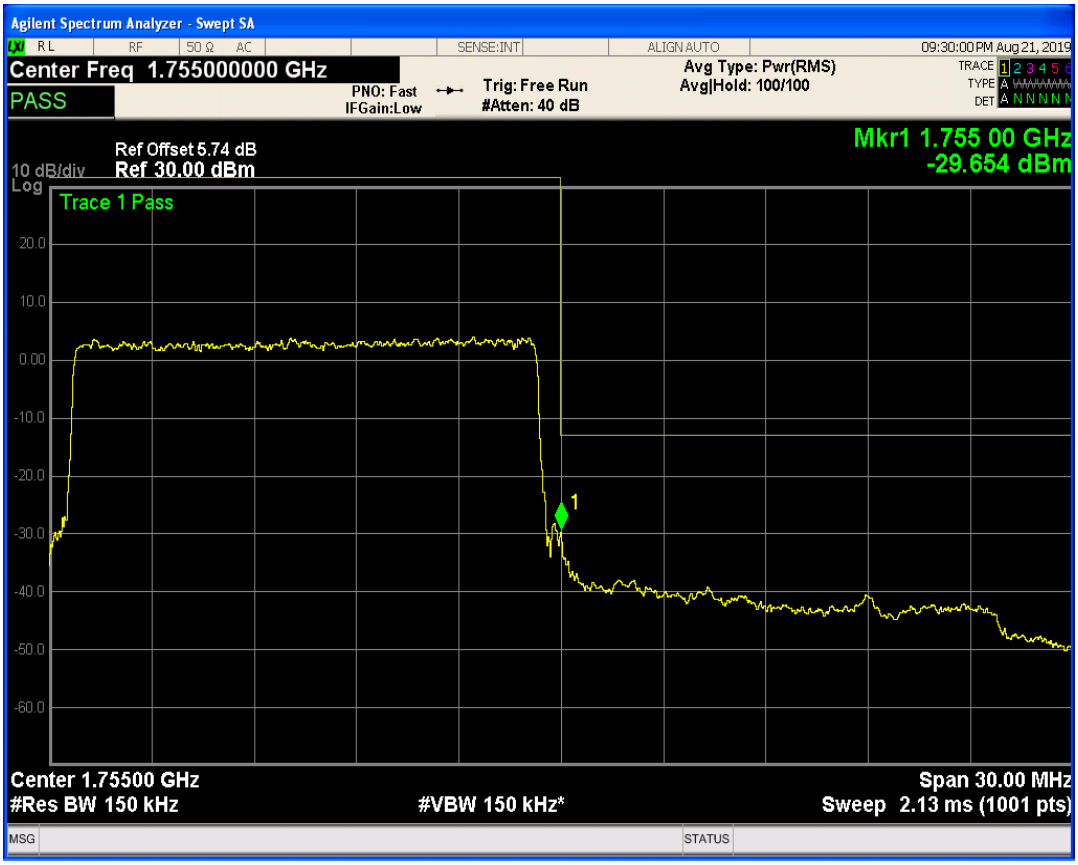

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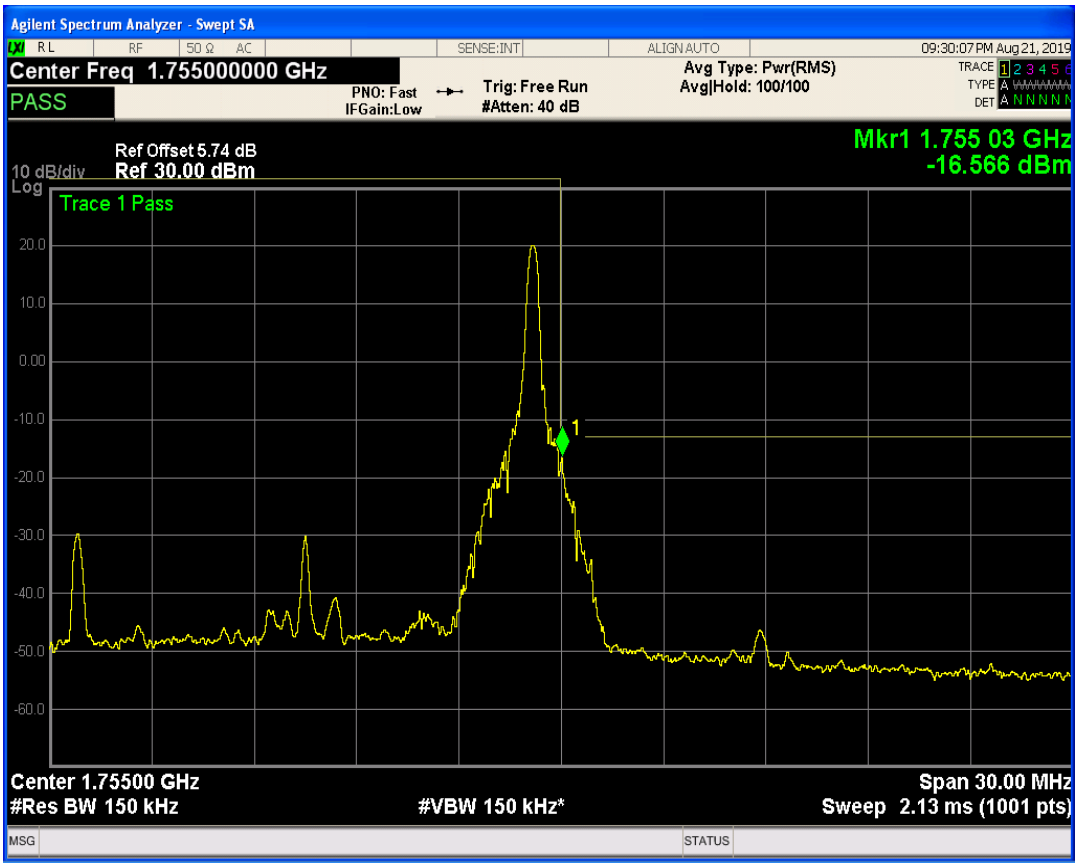

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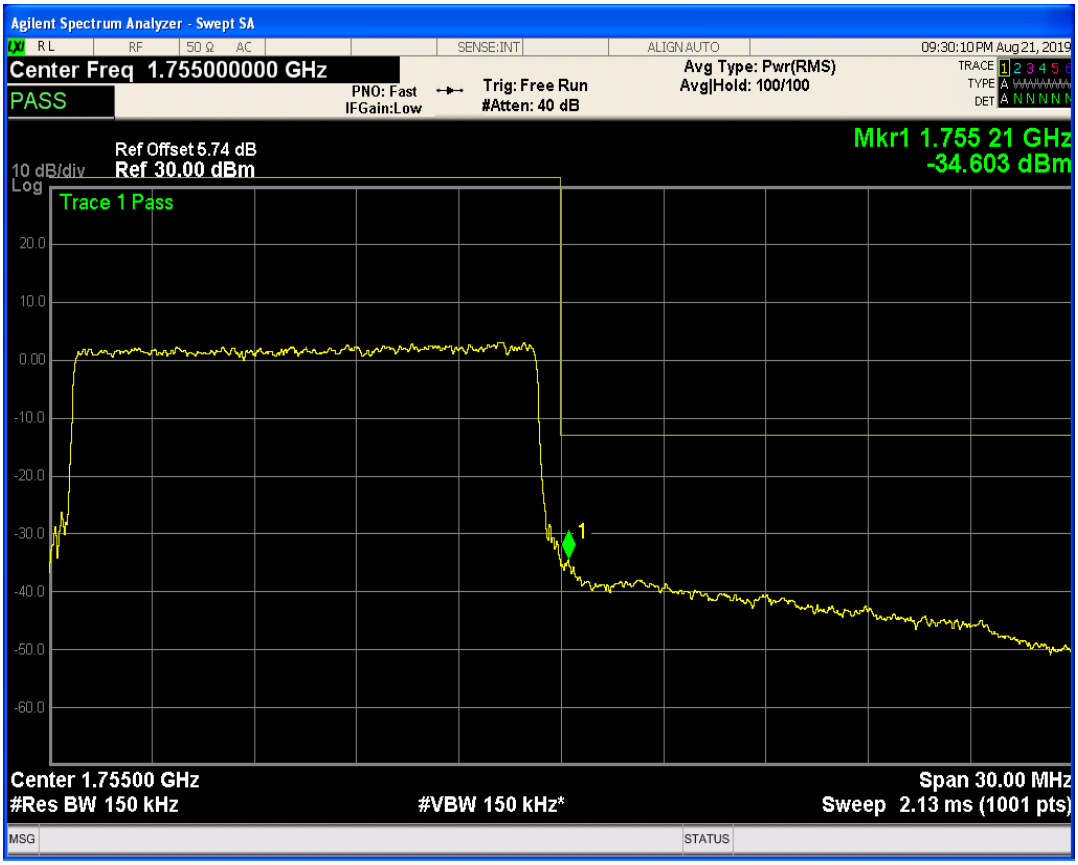
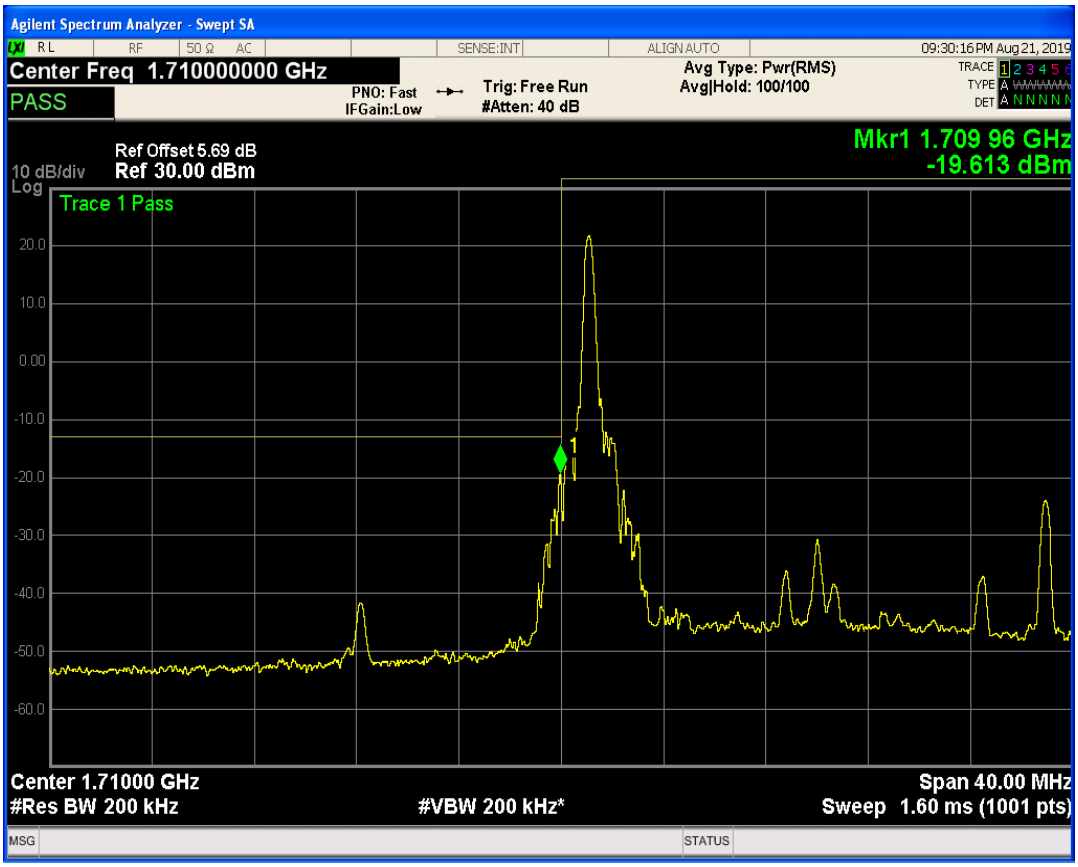


LTE Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



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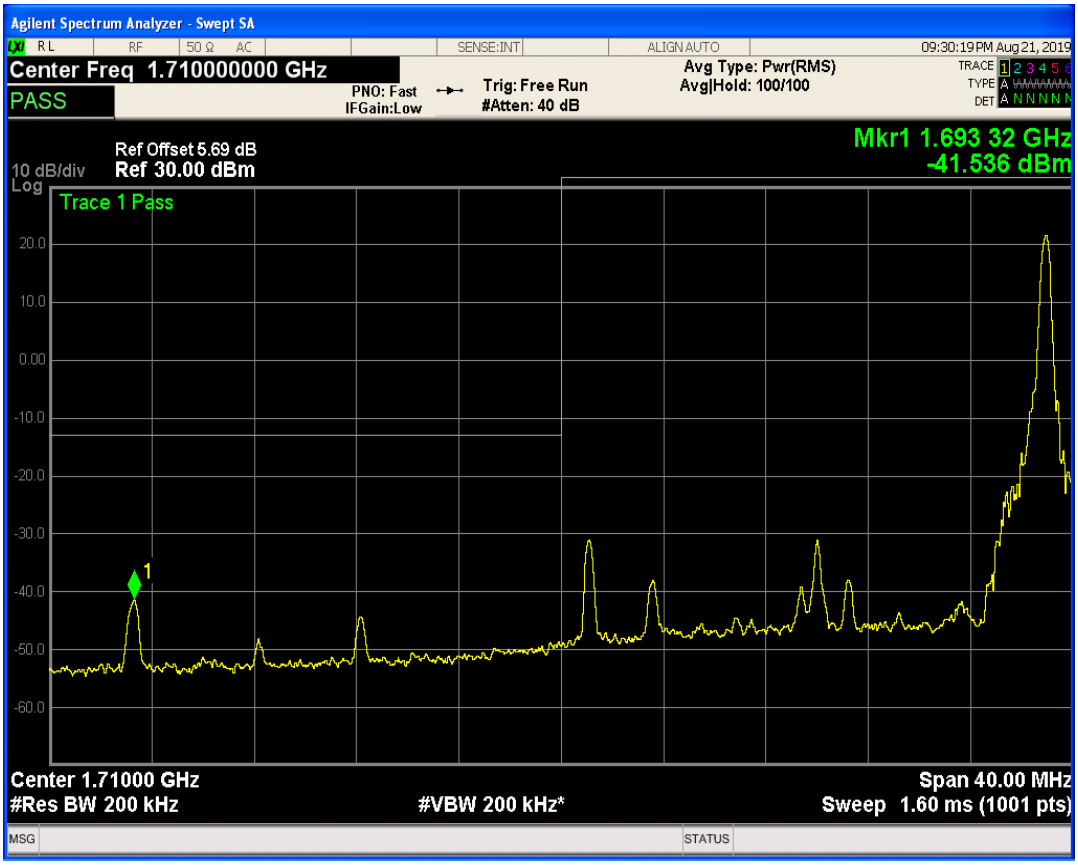

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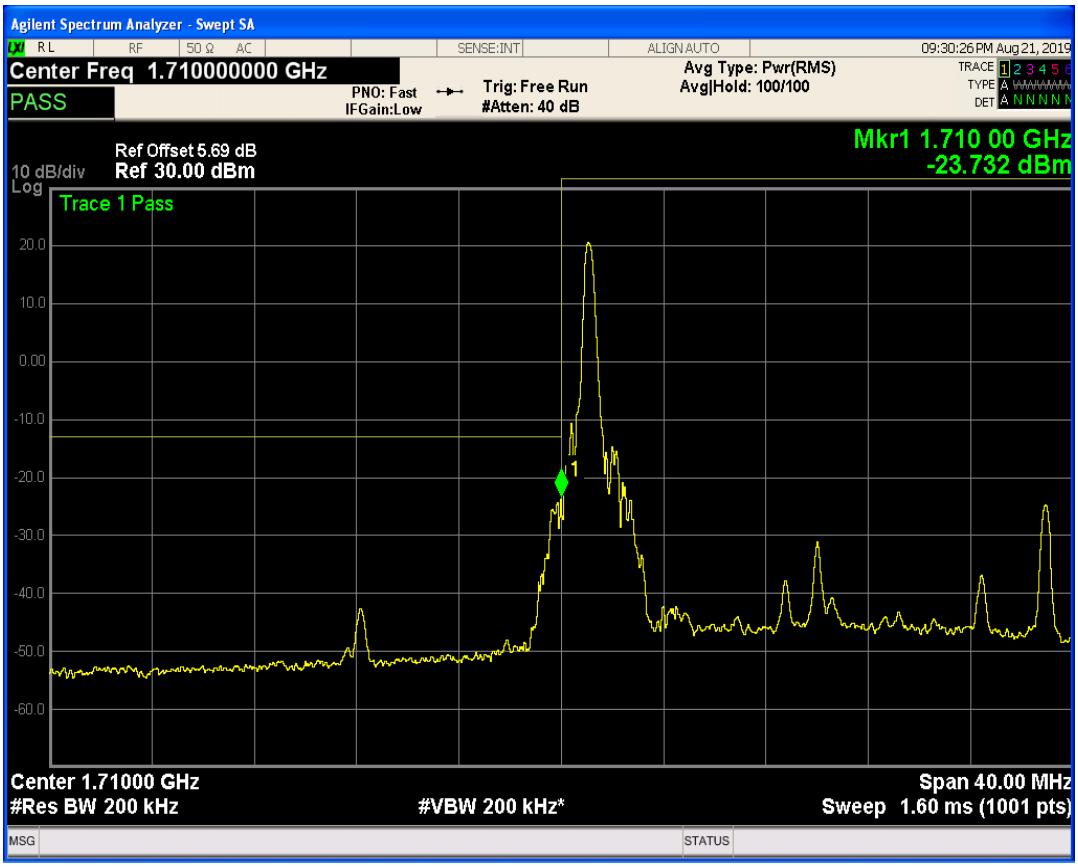

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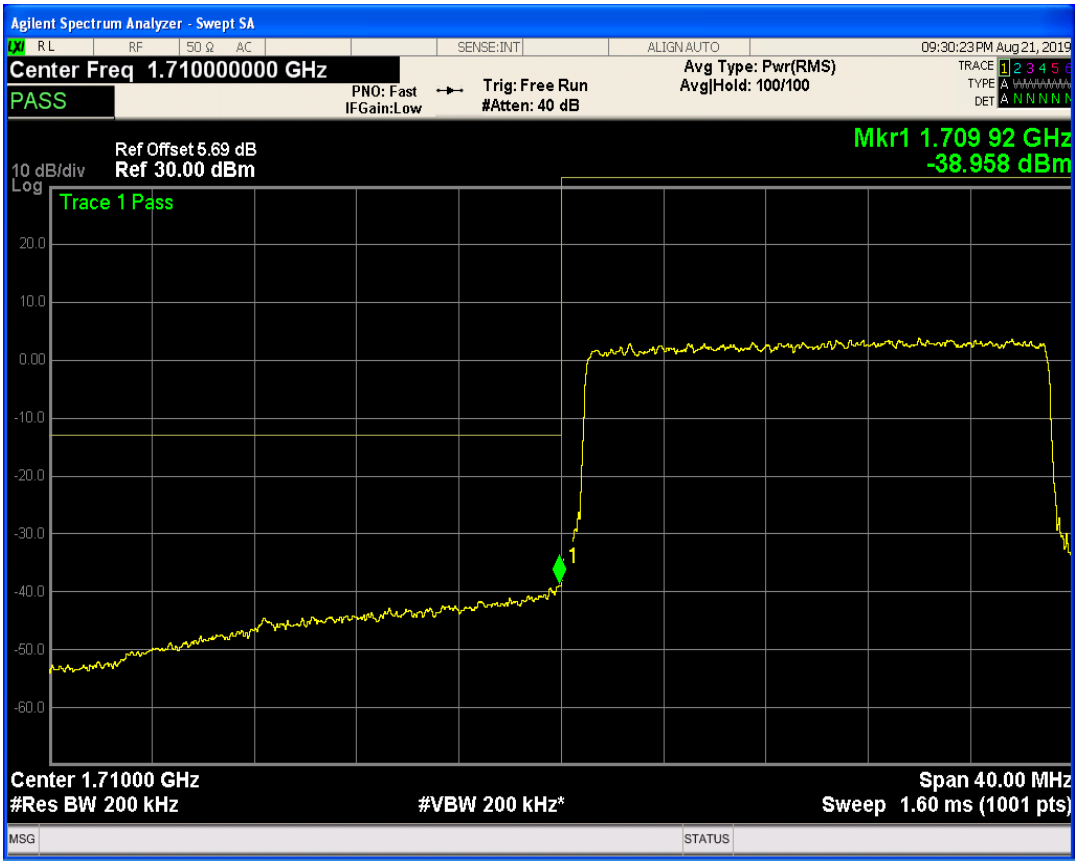

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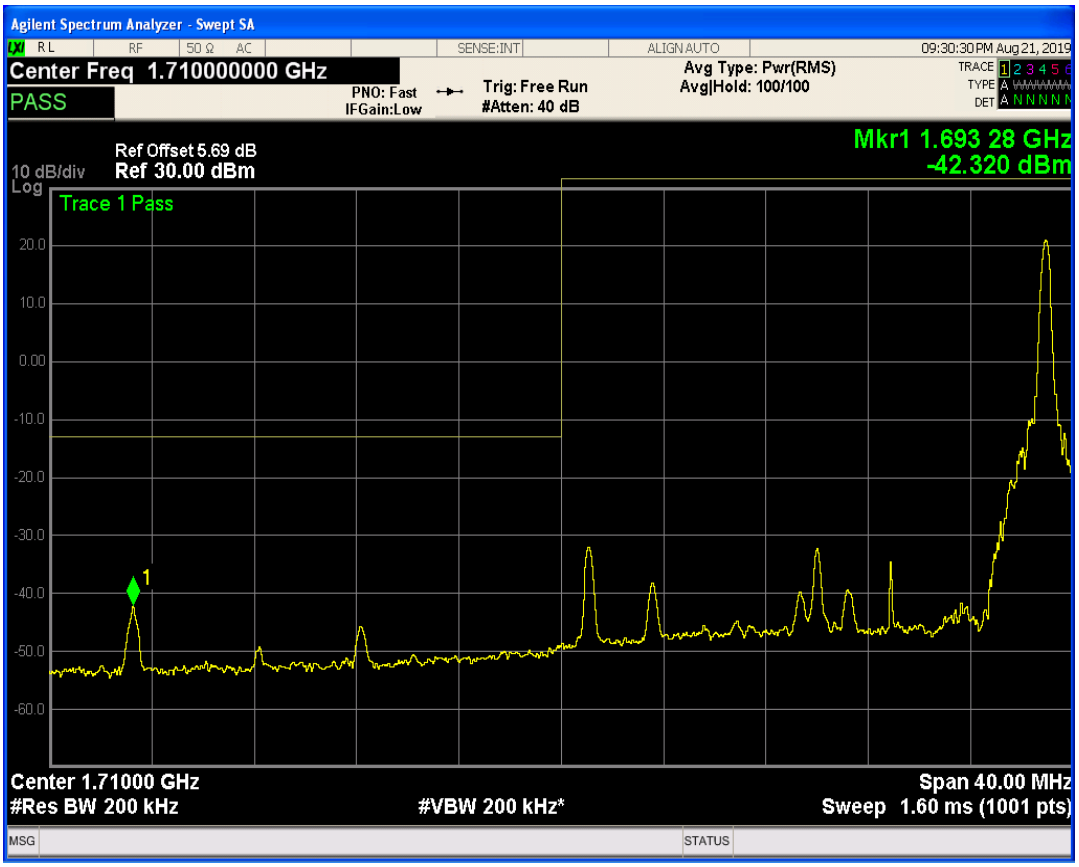

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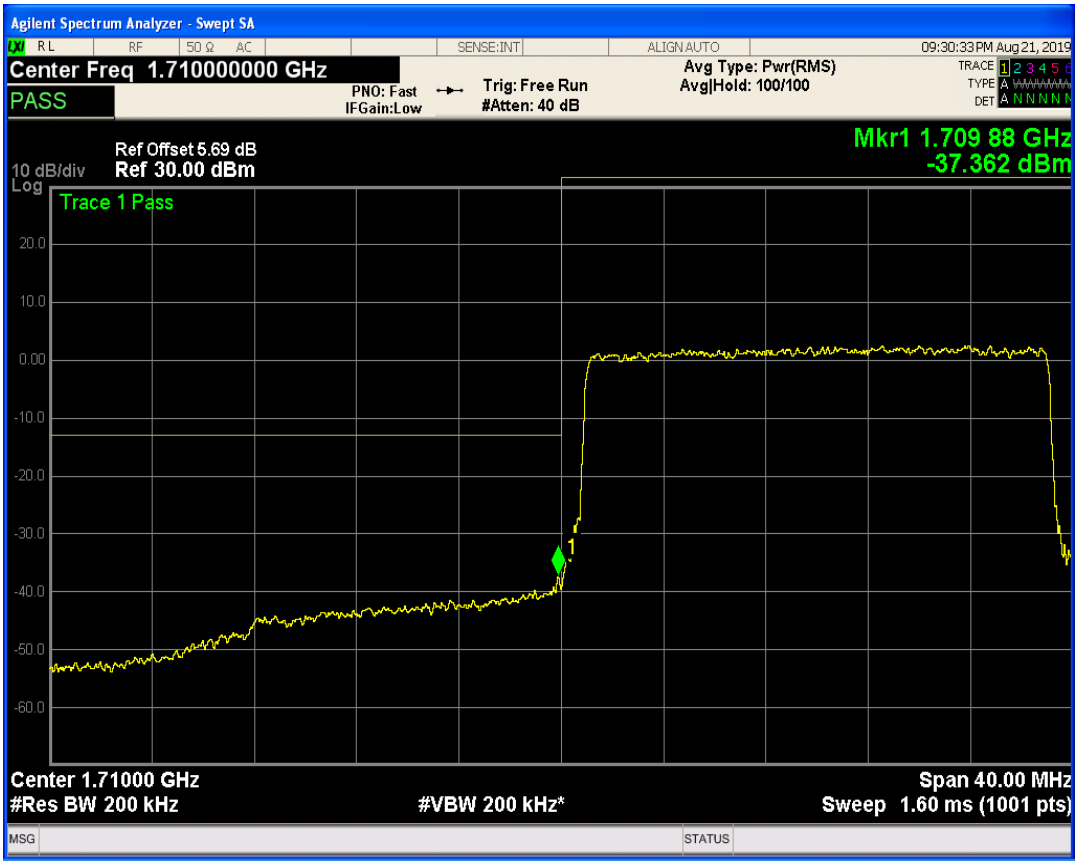
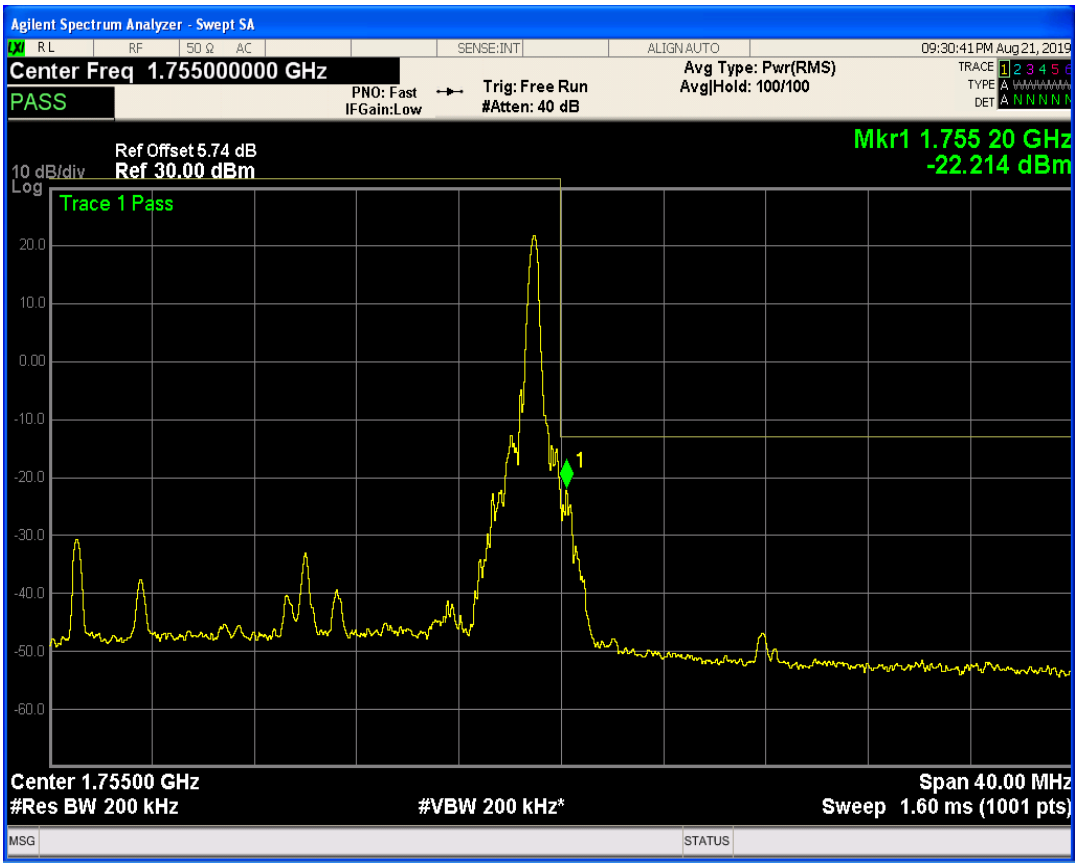


LTE Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#Max



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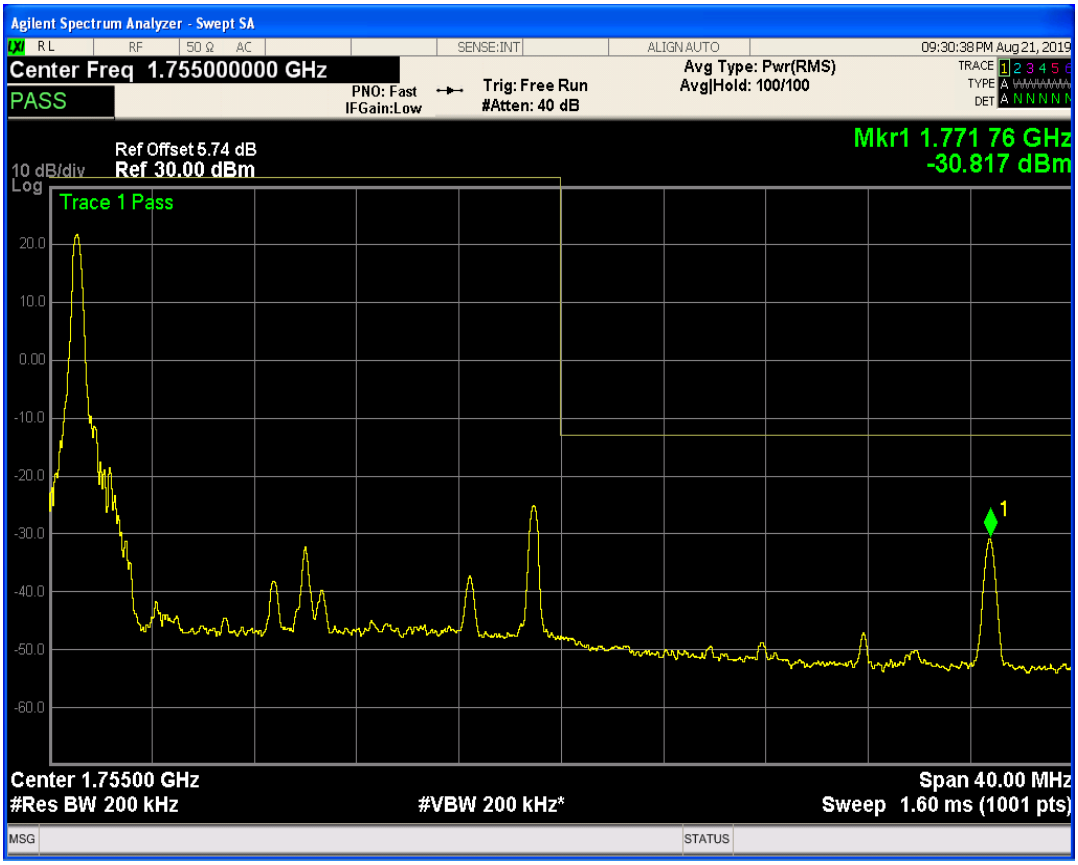

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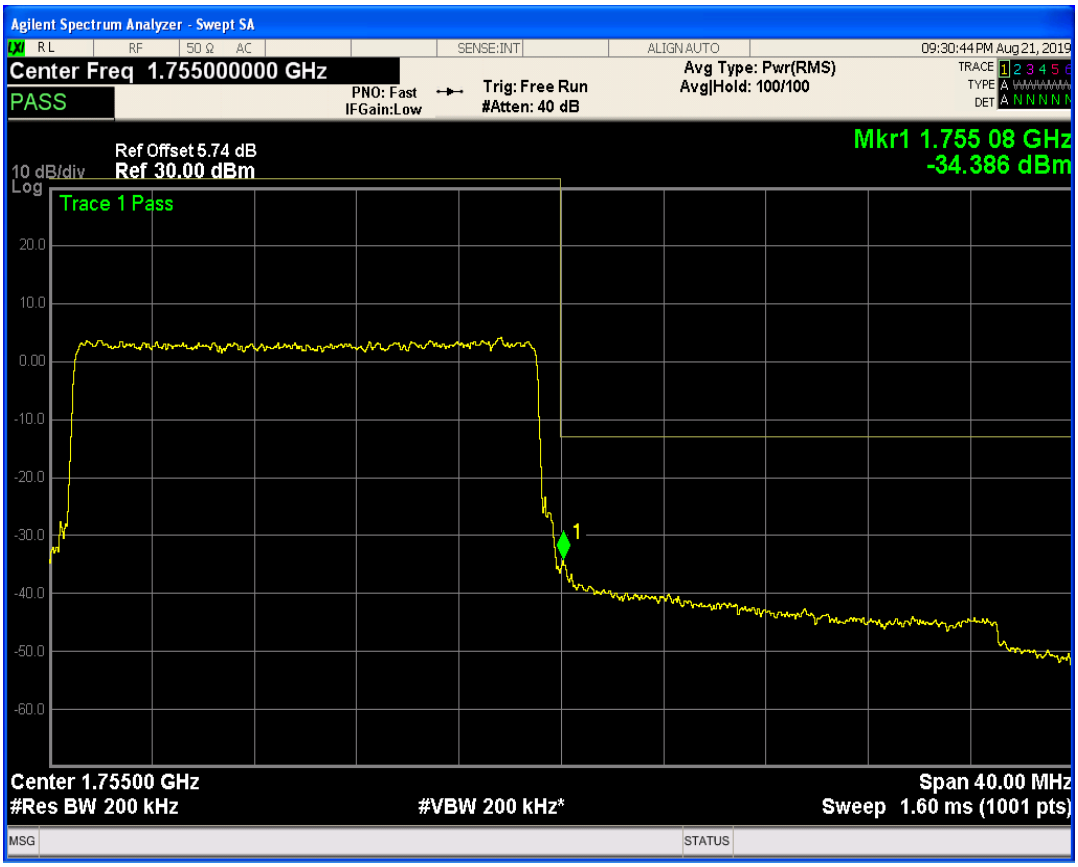

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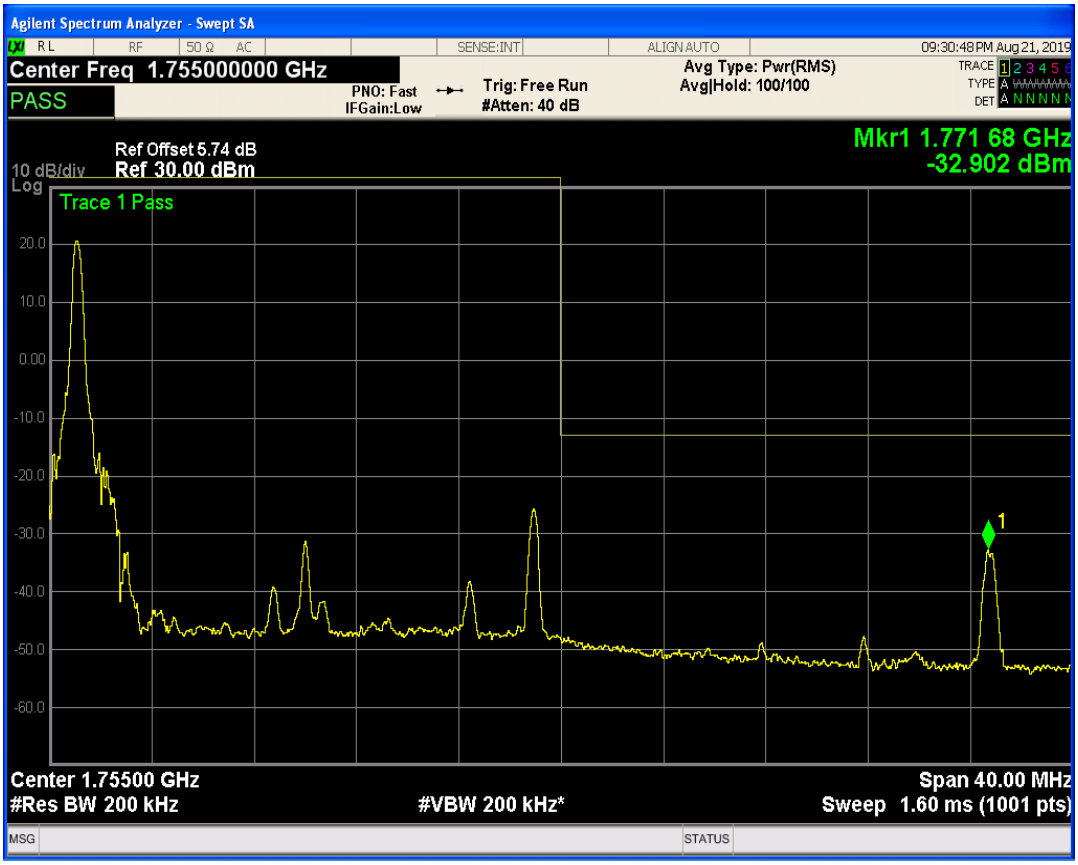

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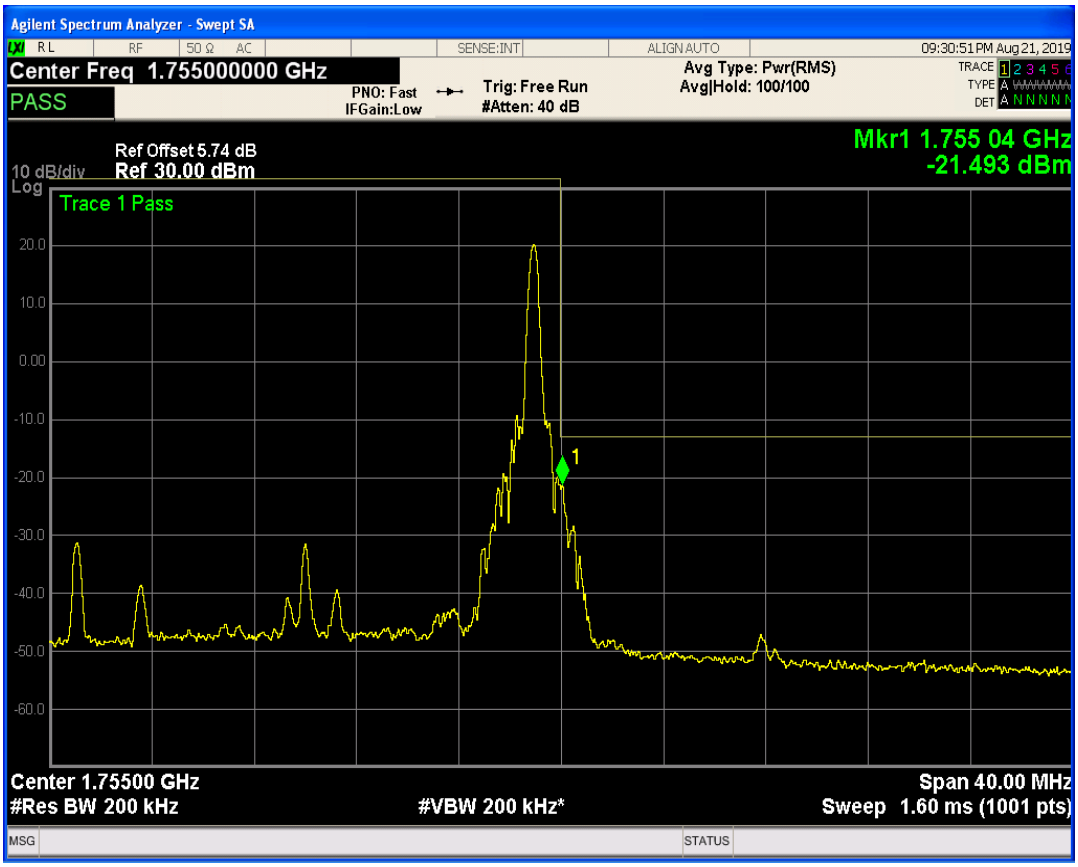

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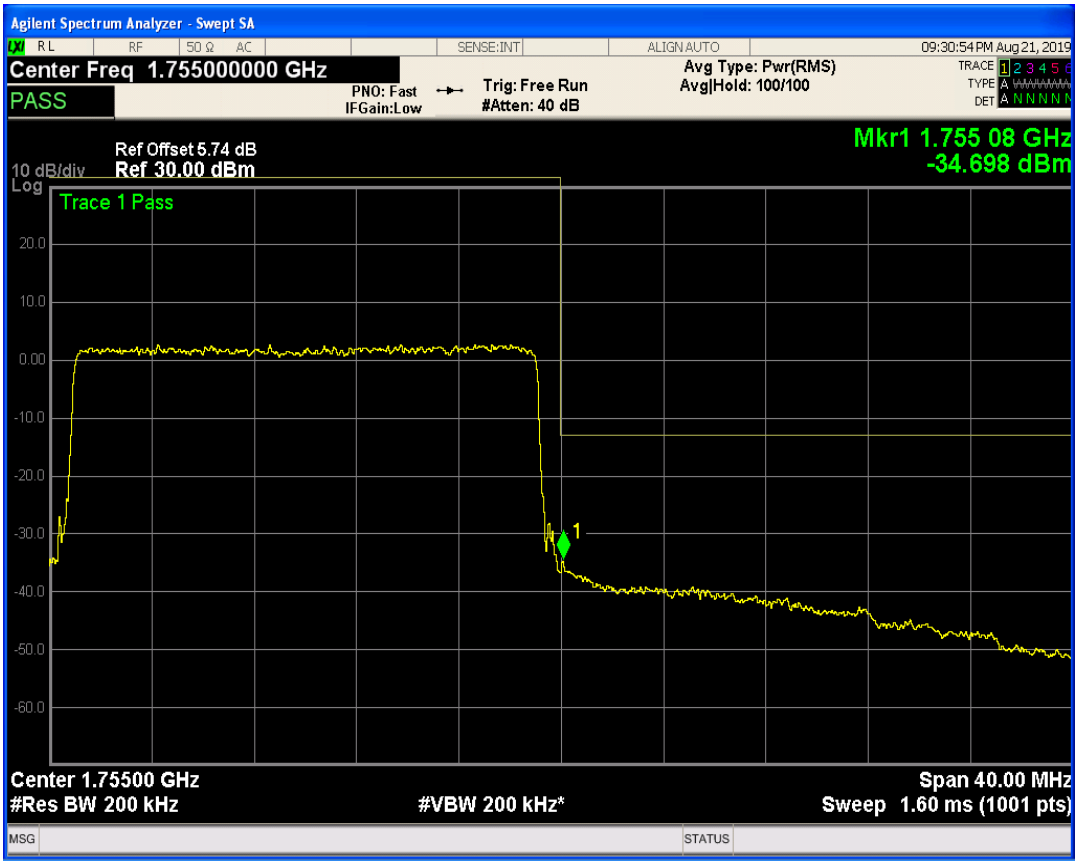
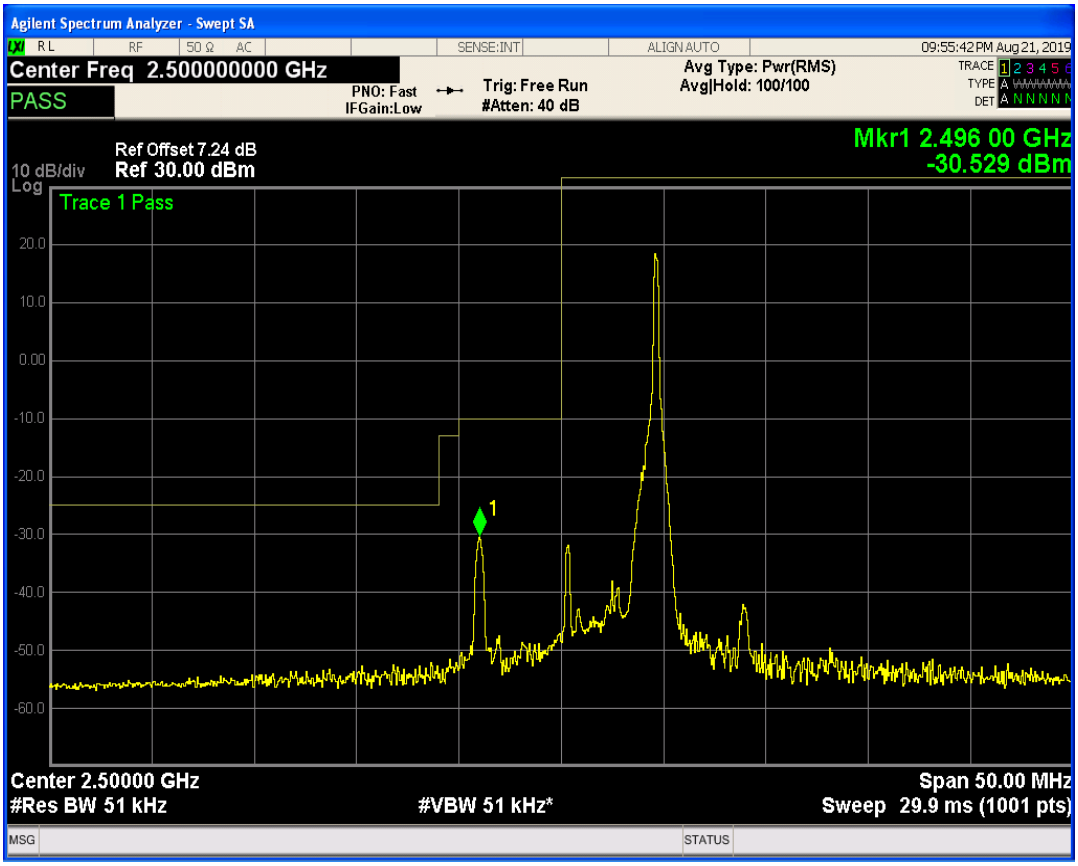


LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max



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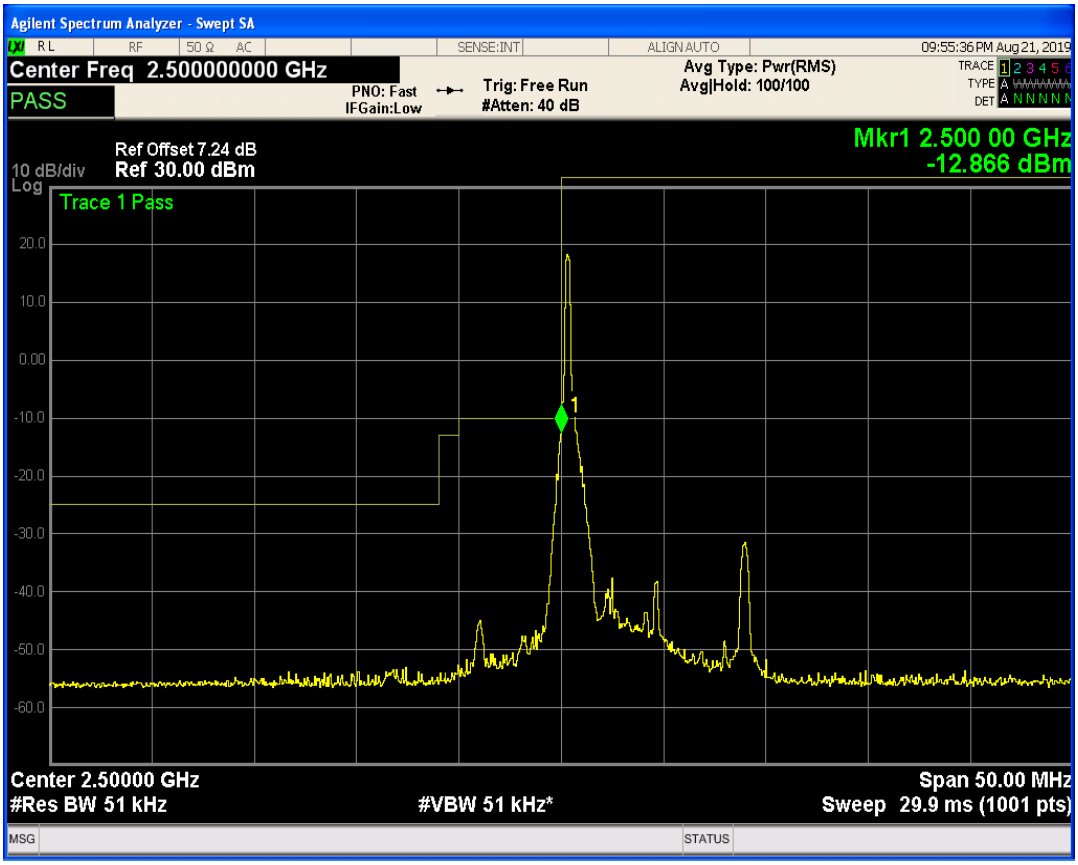

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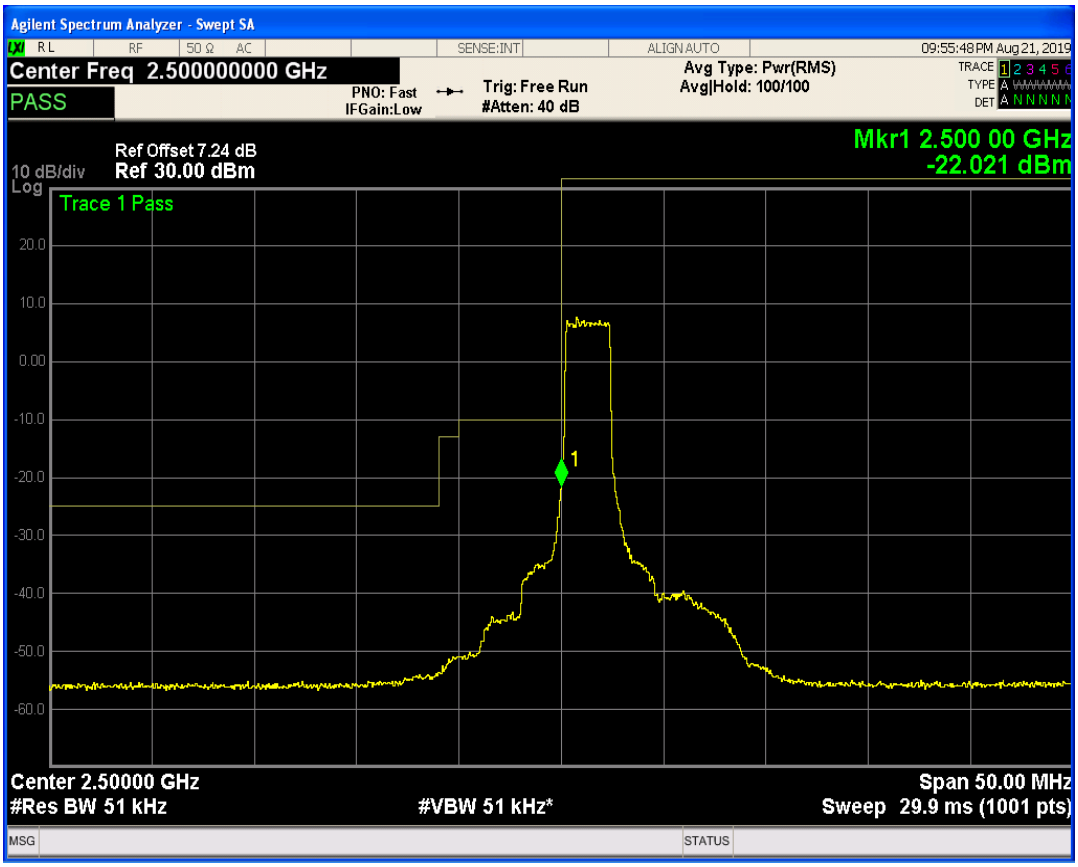

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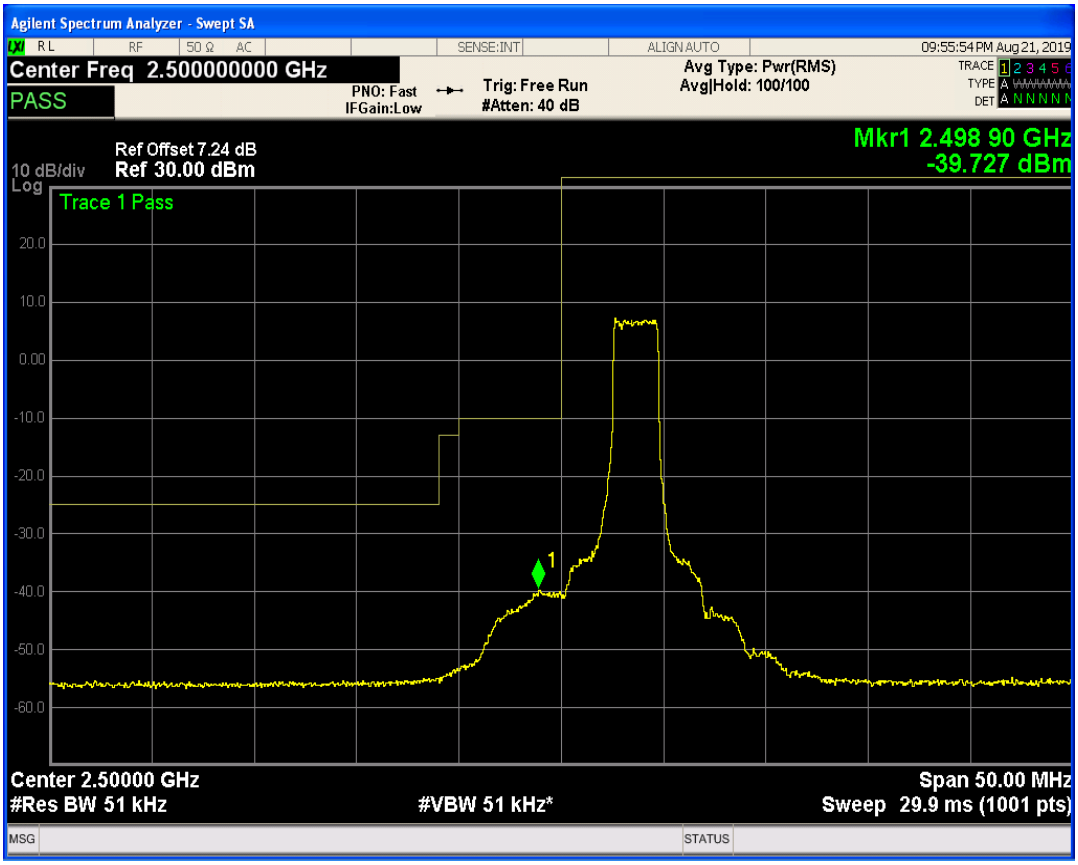
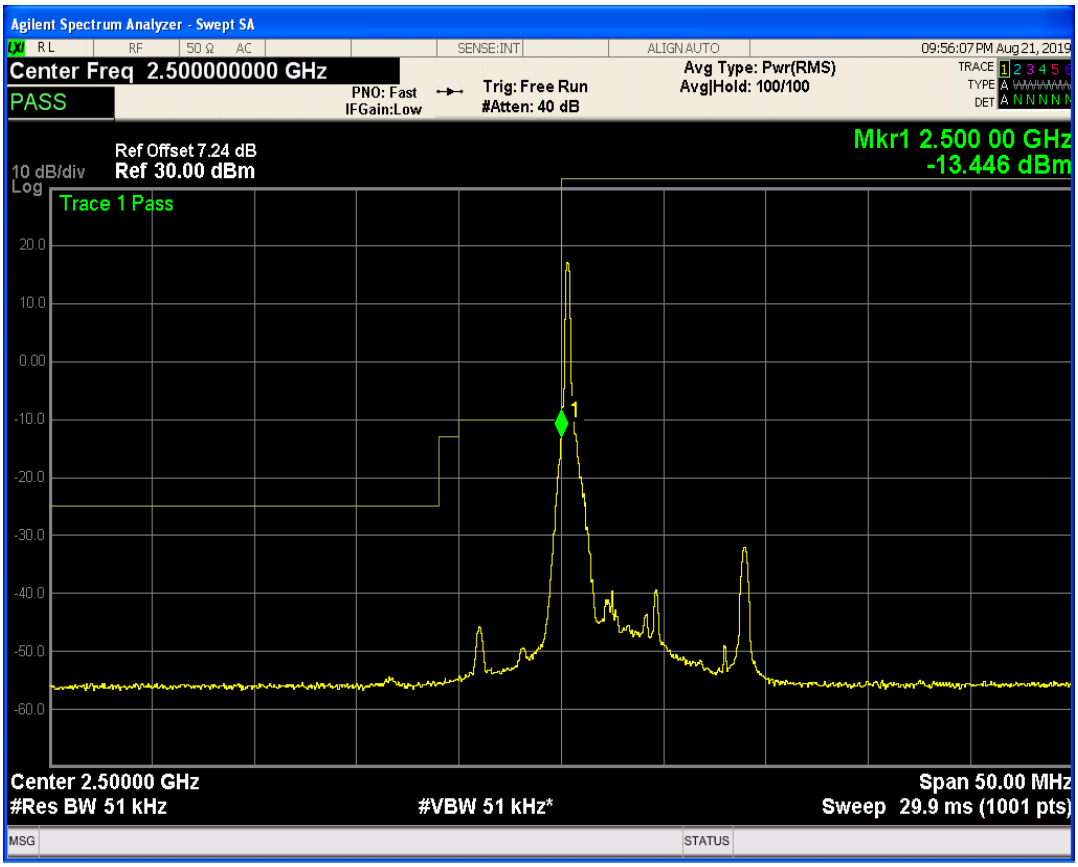
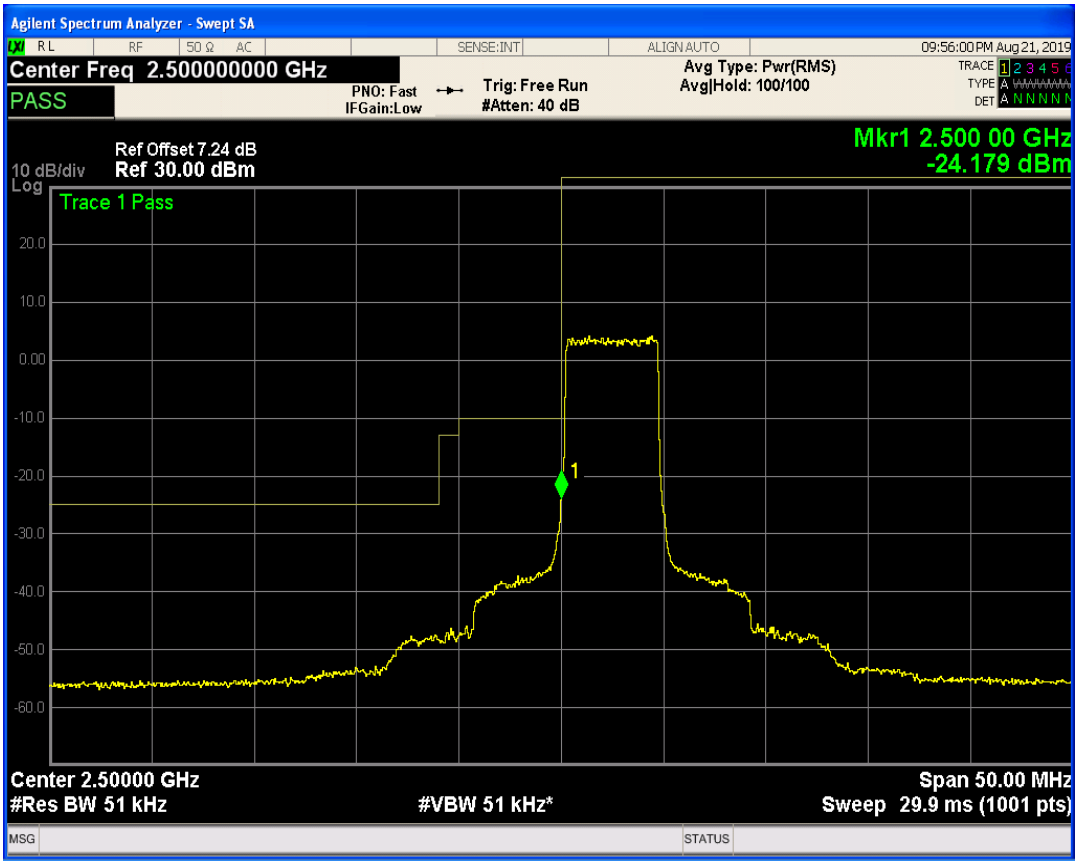


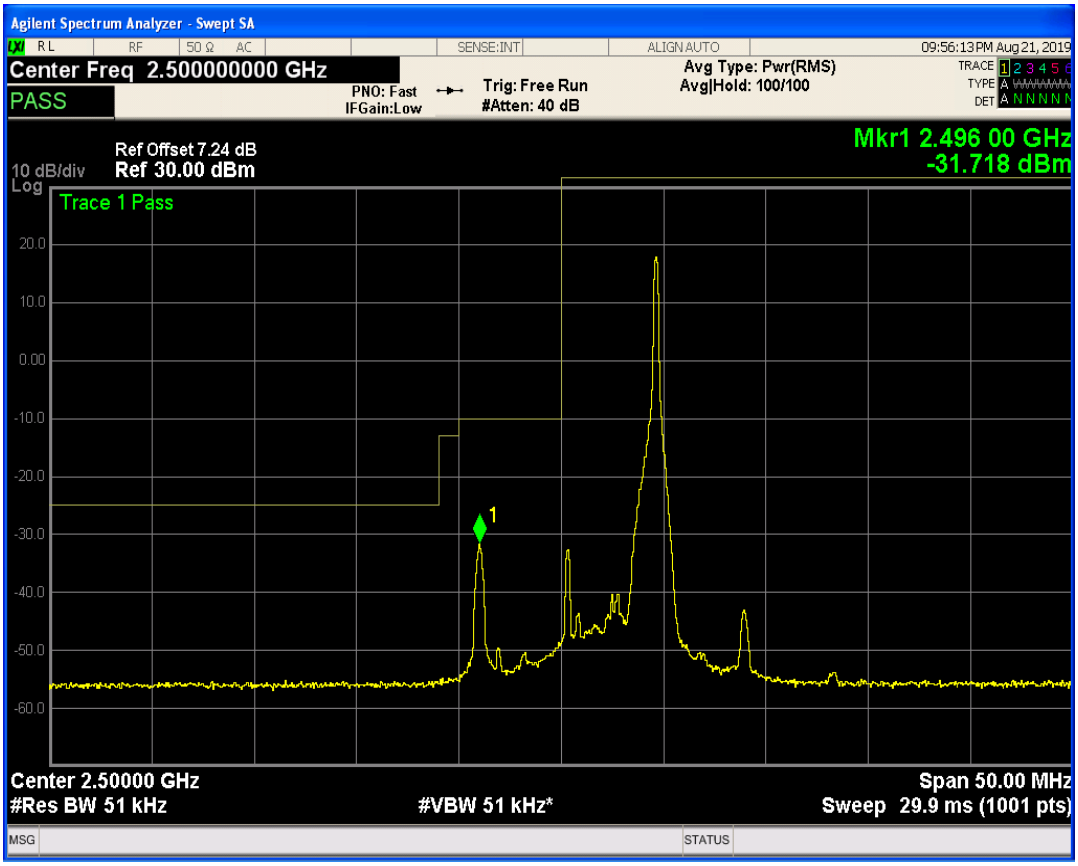
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#0



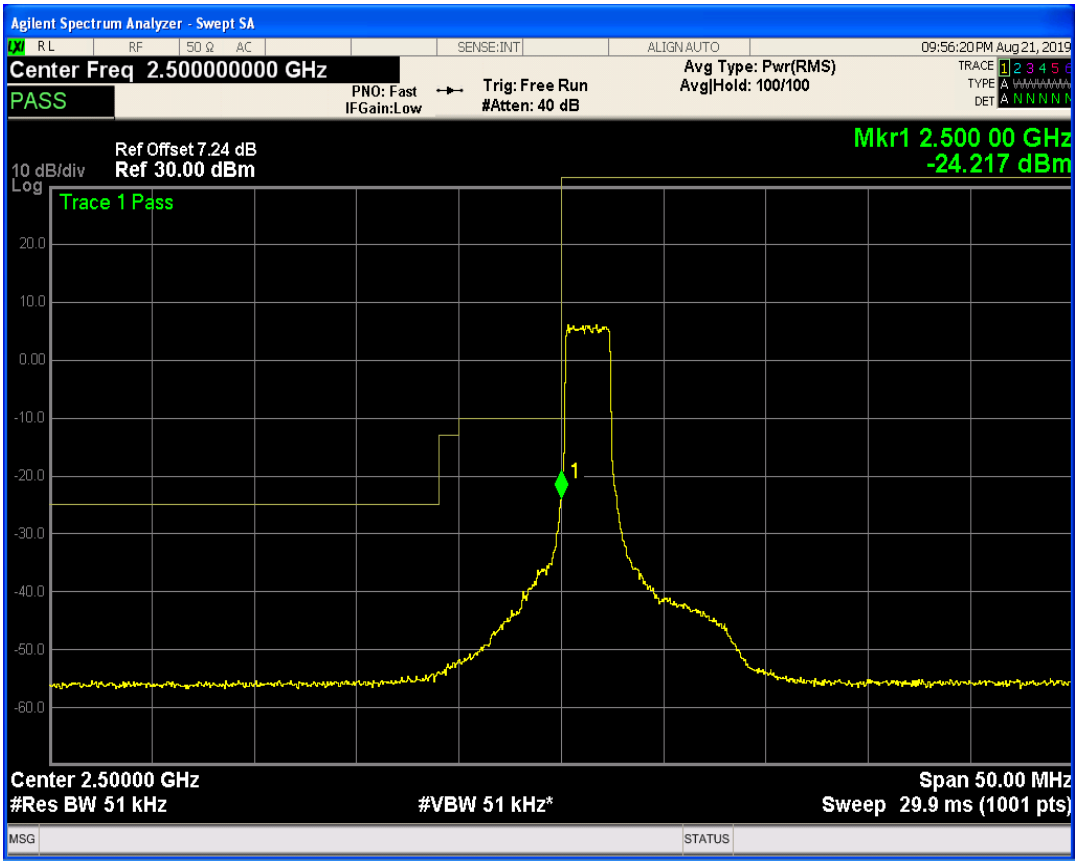
LTE Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



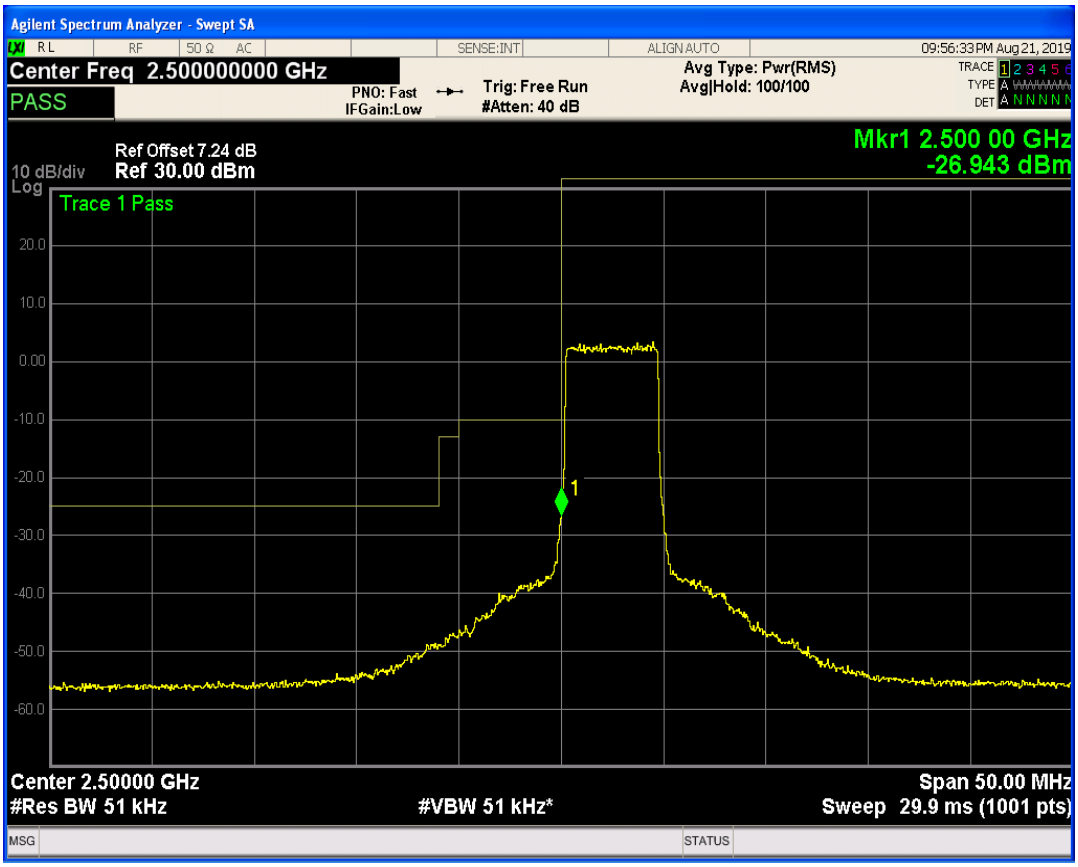
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=1 Position=#Max



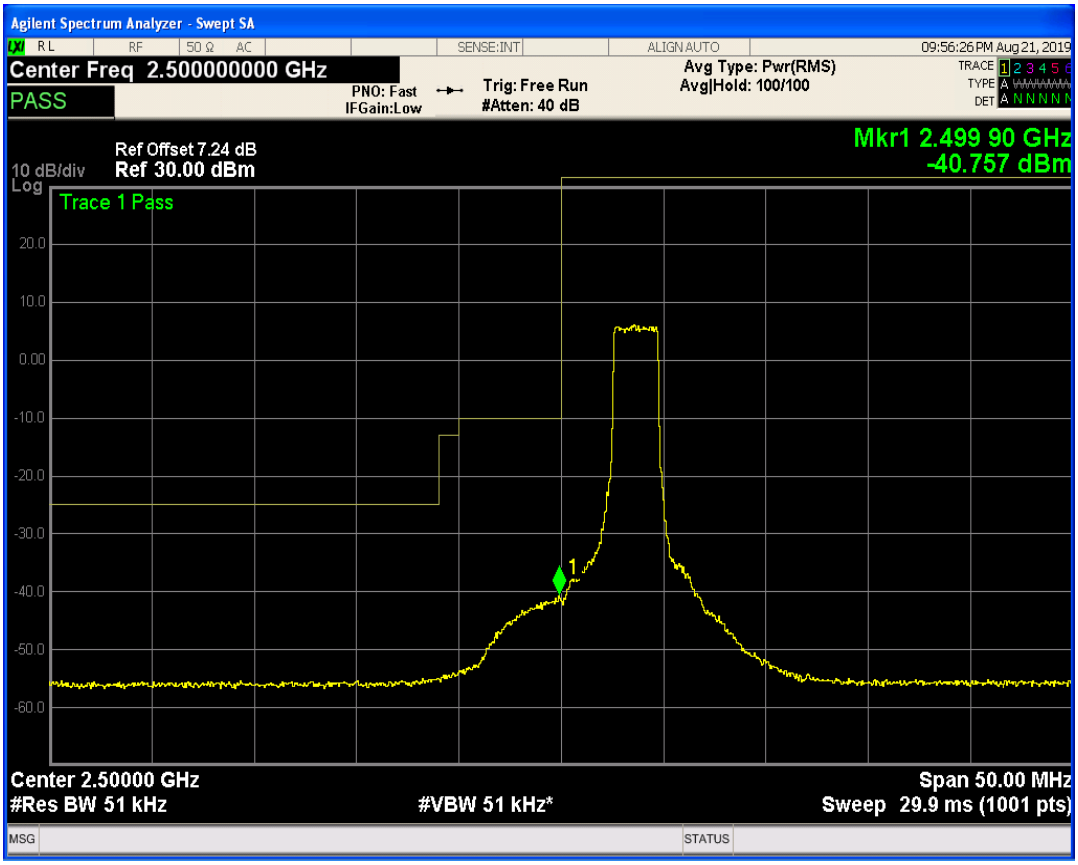
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=12 Position=#0



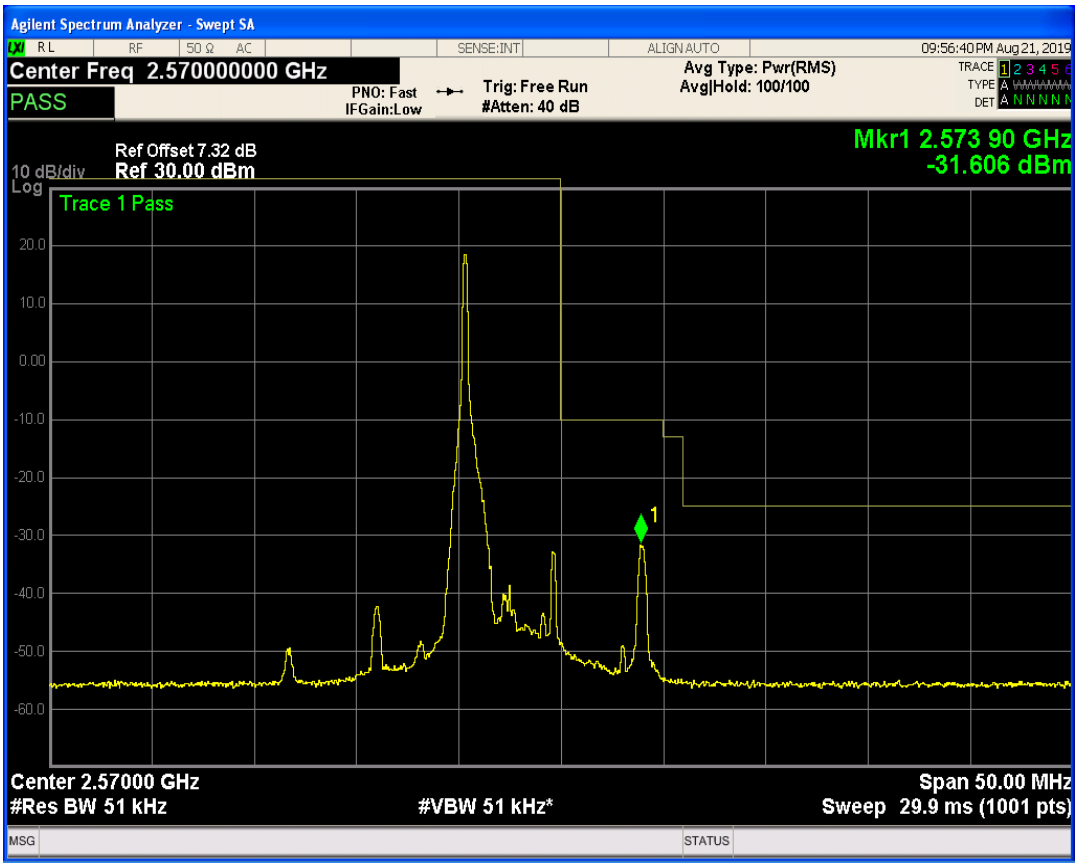
LTE Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



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



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



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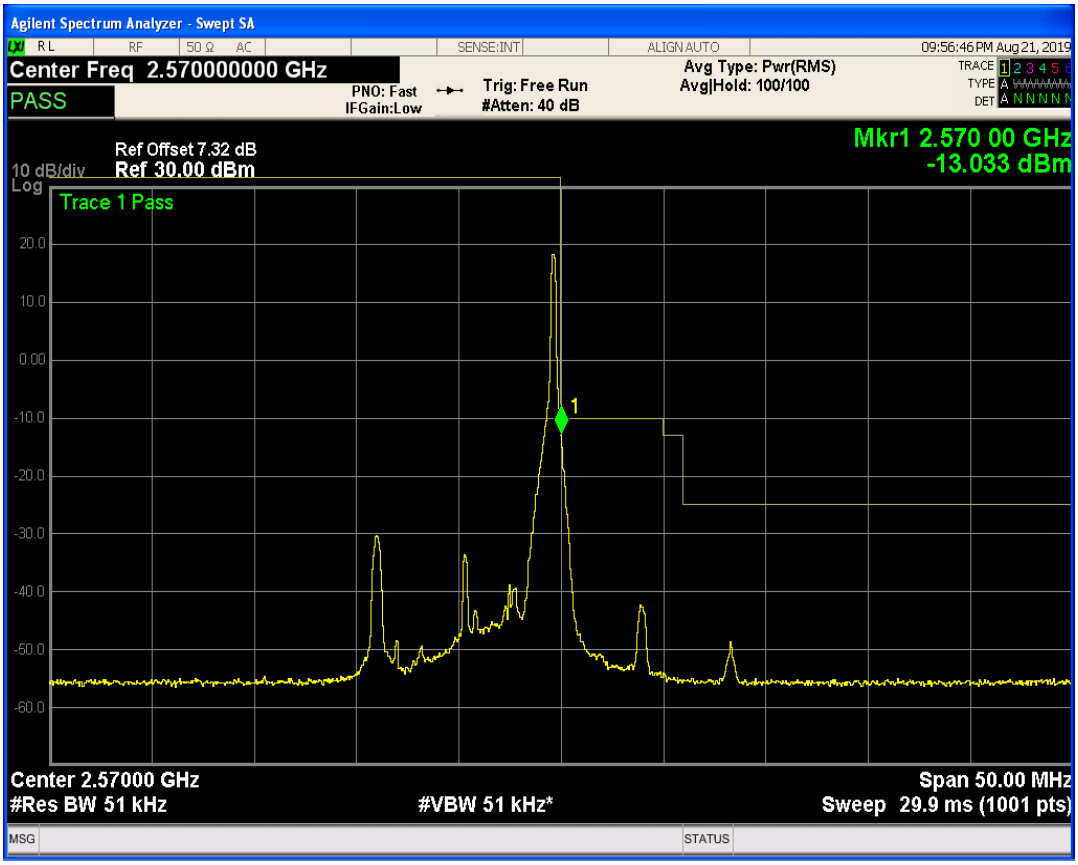

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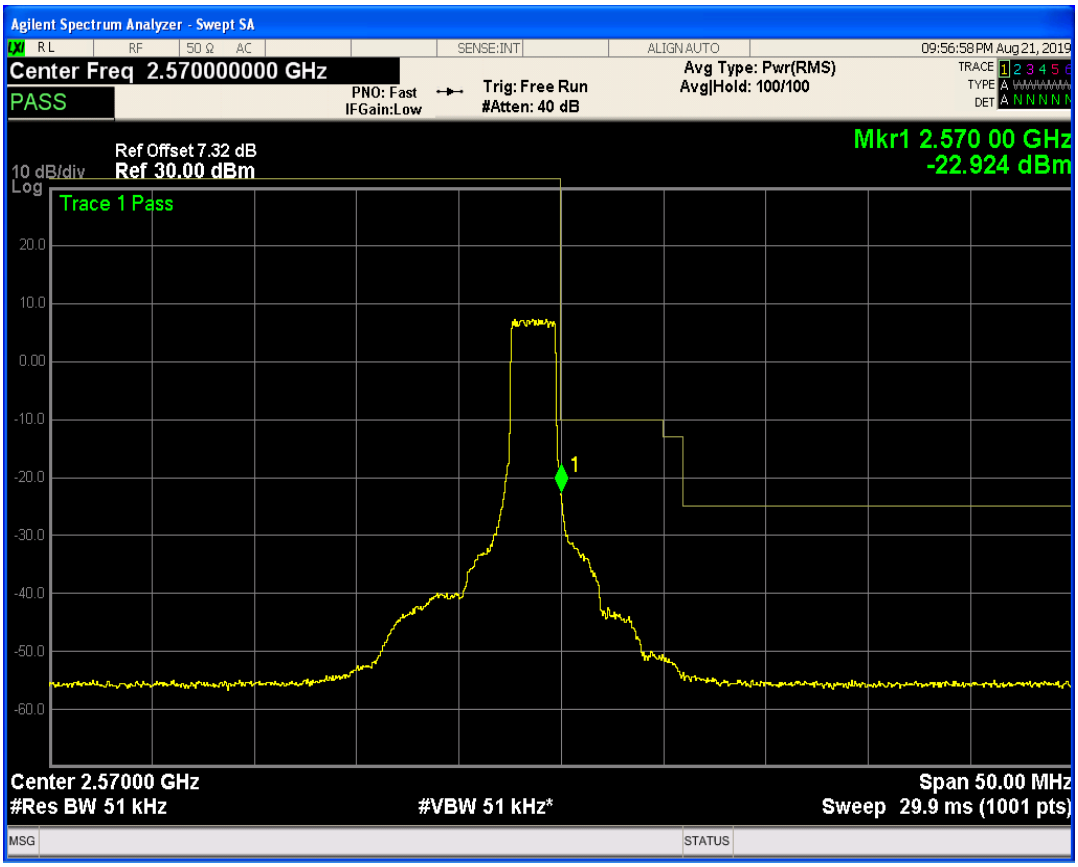

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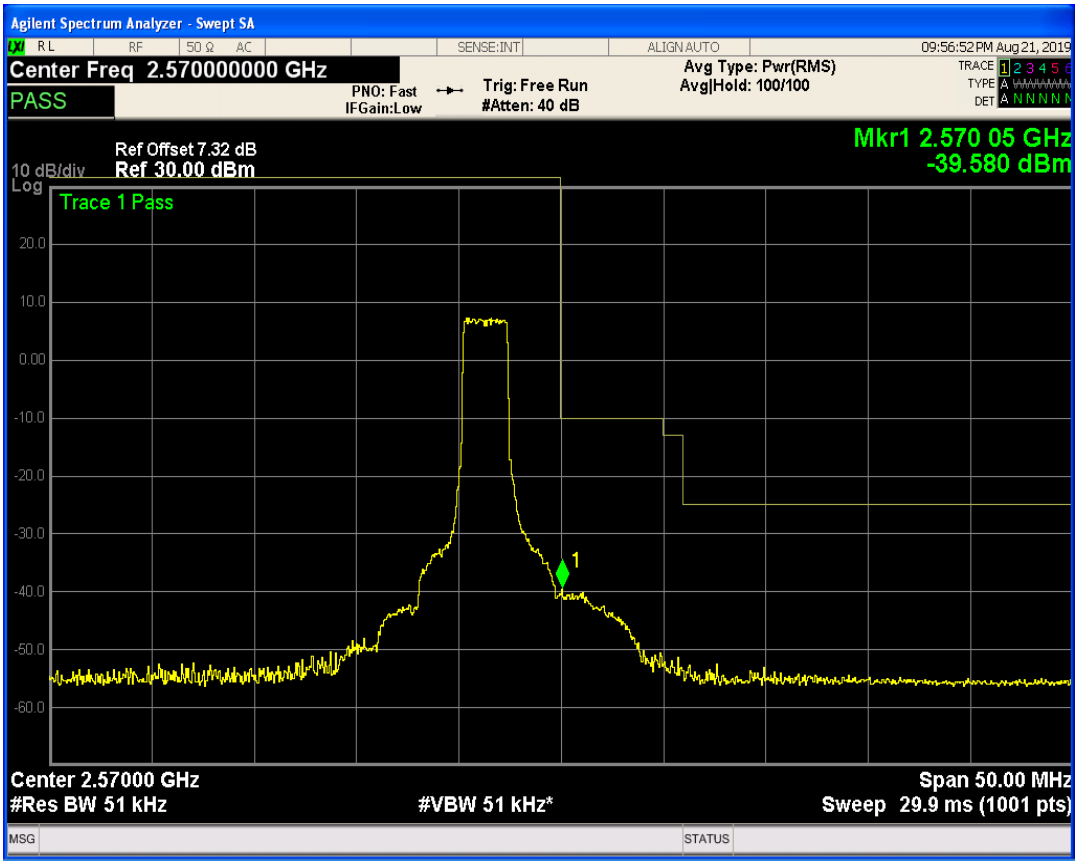
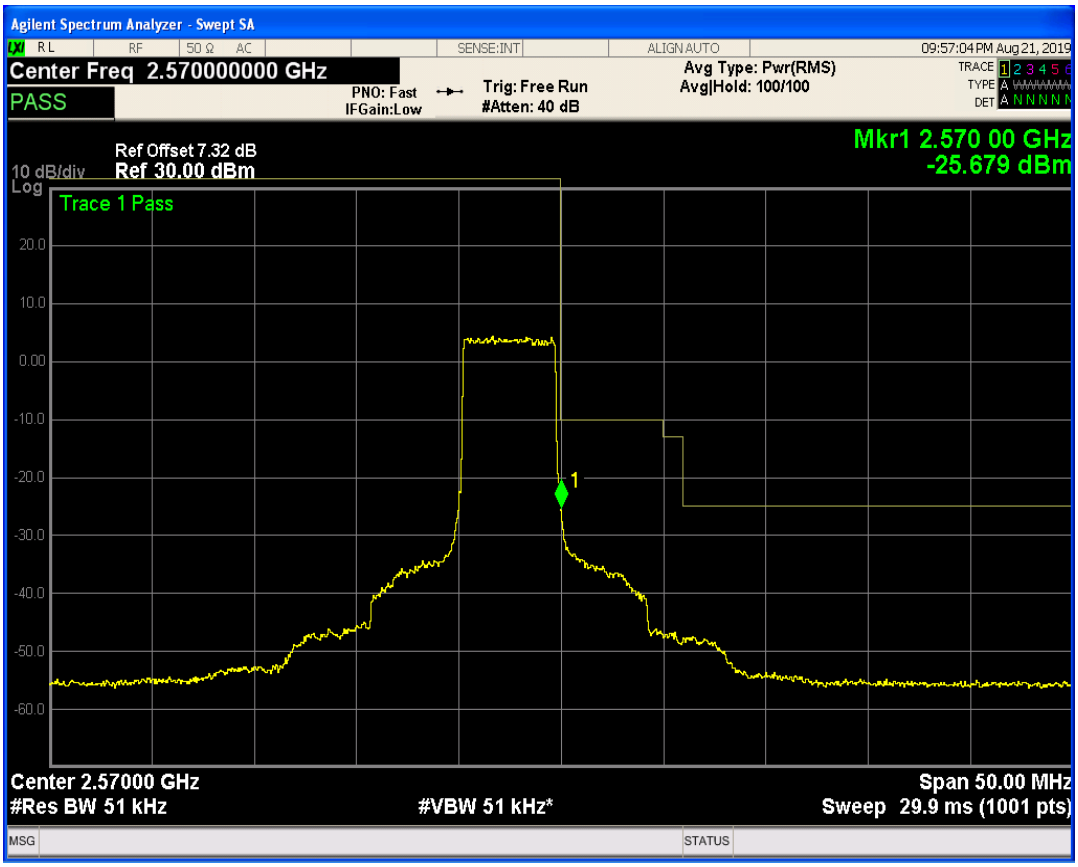
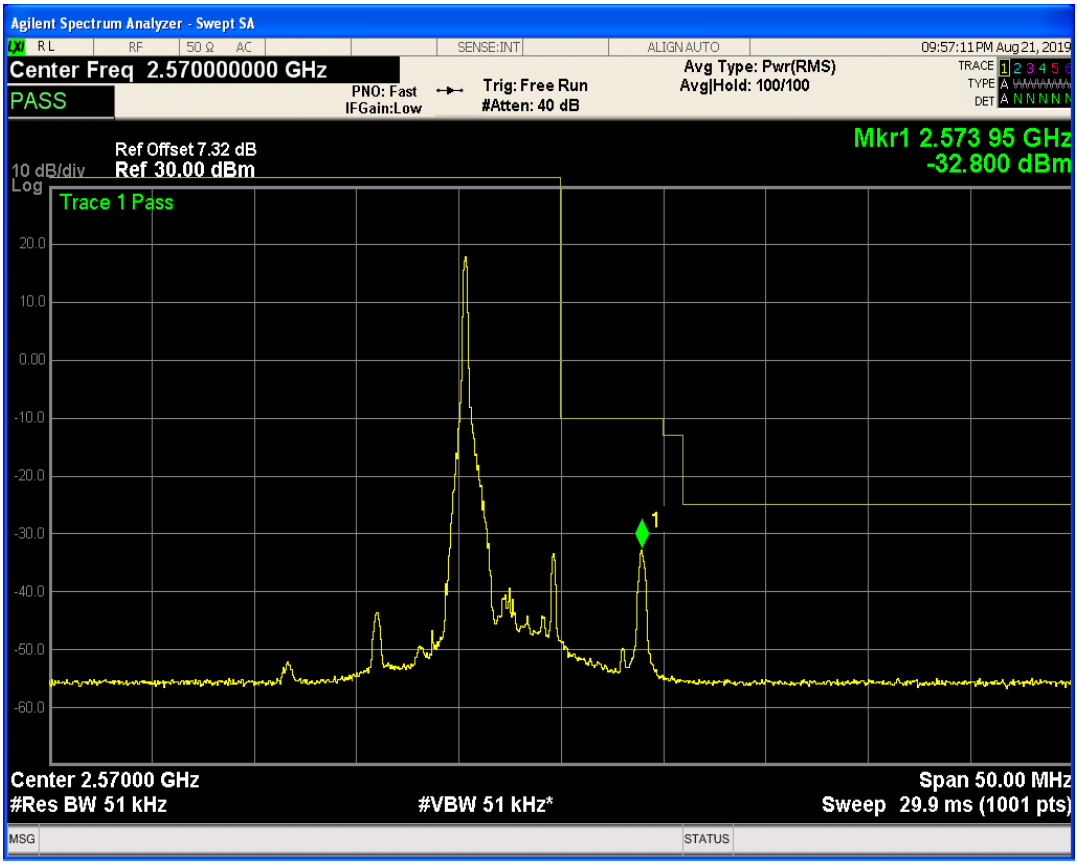


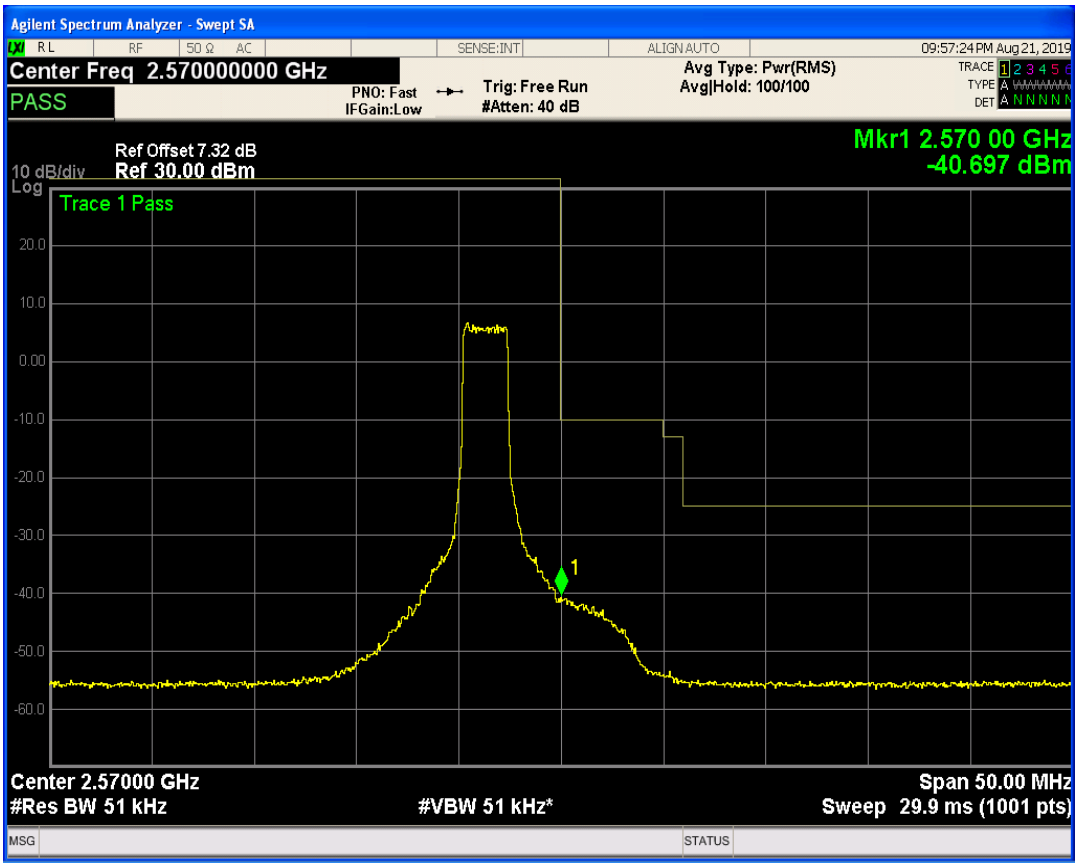
LTE Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



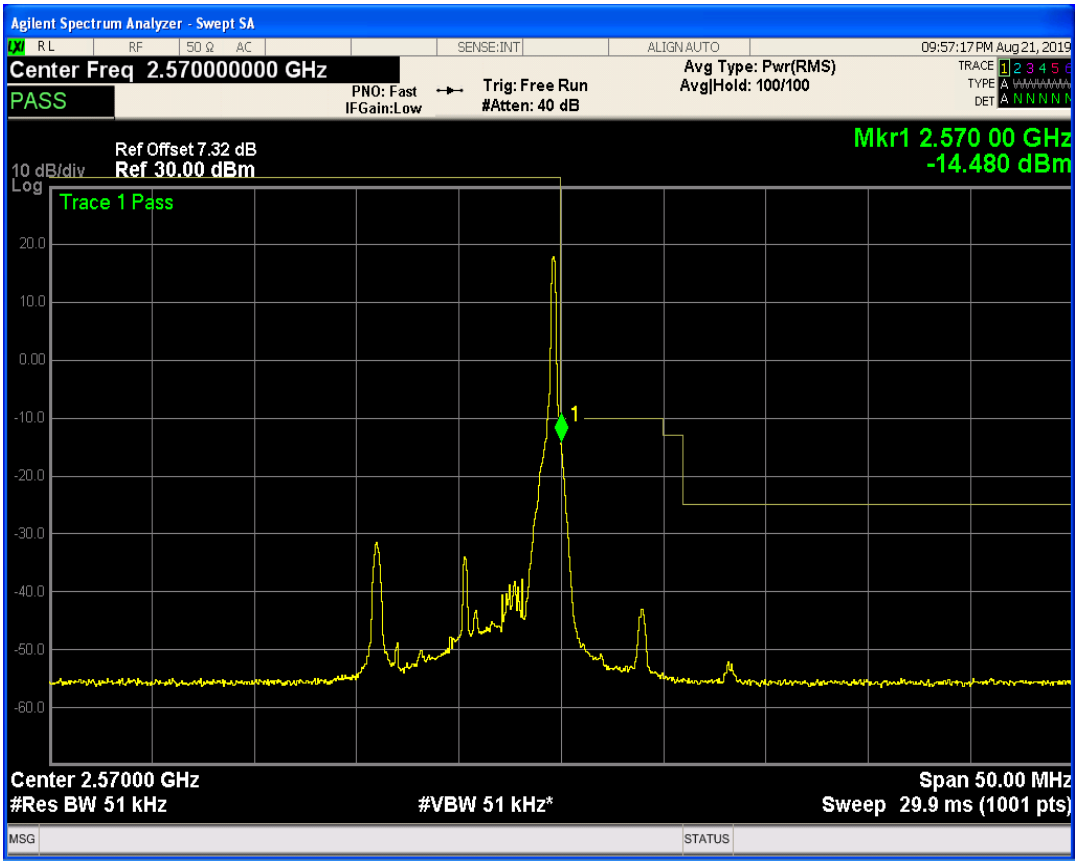
LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=1 Position=#0



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



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



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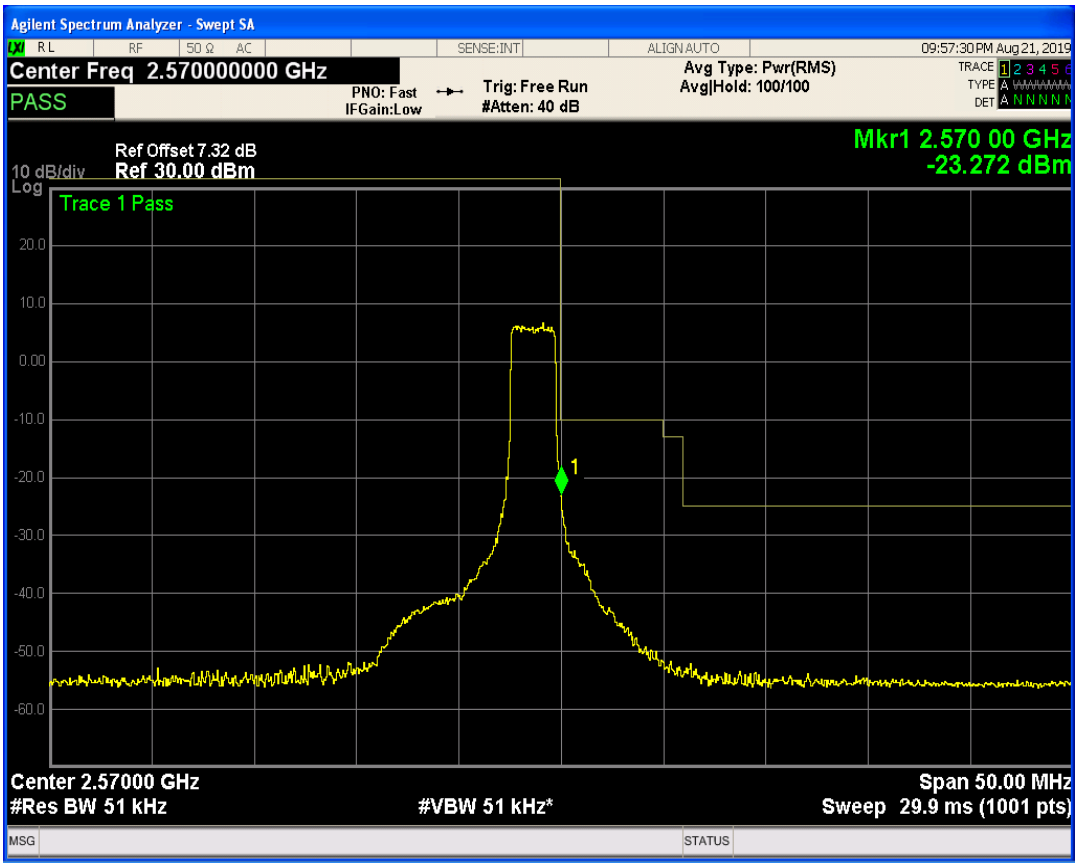
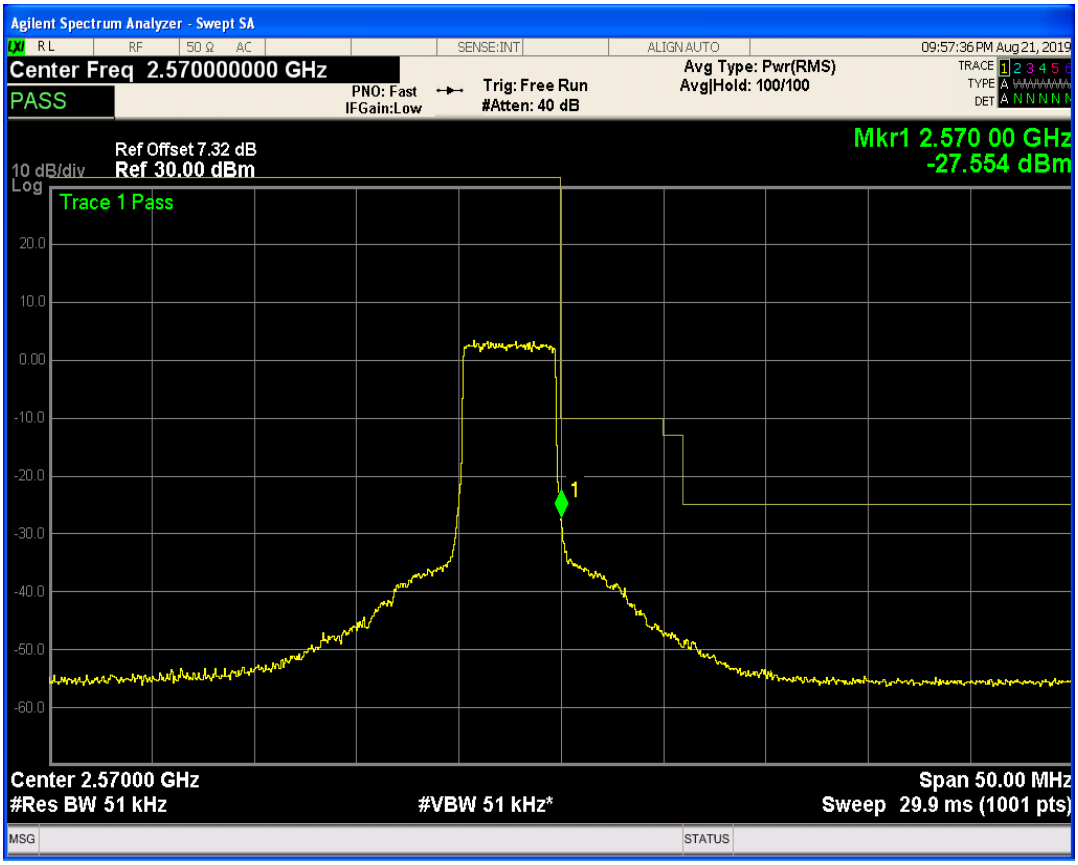
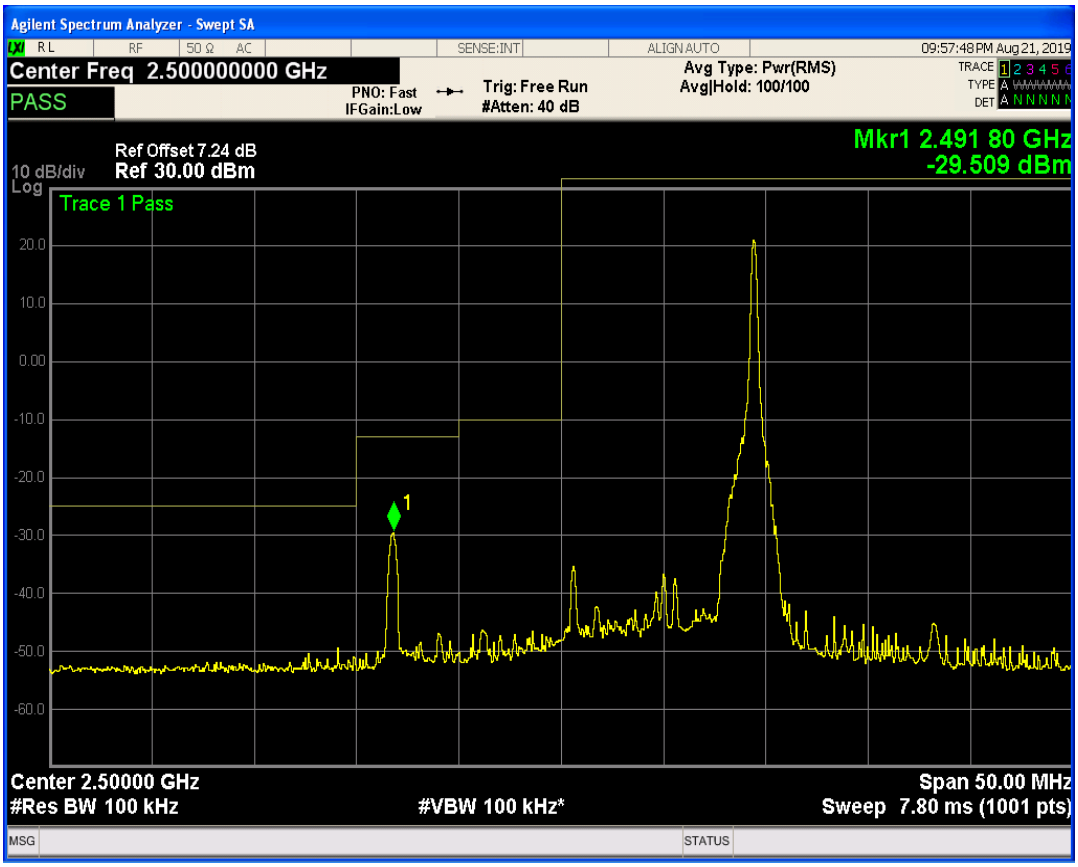


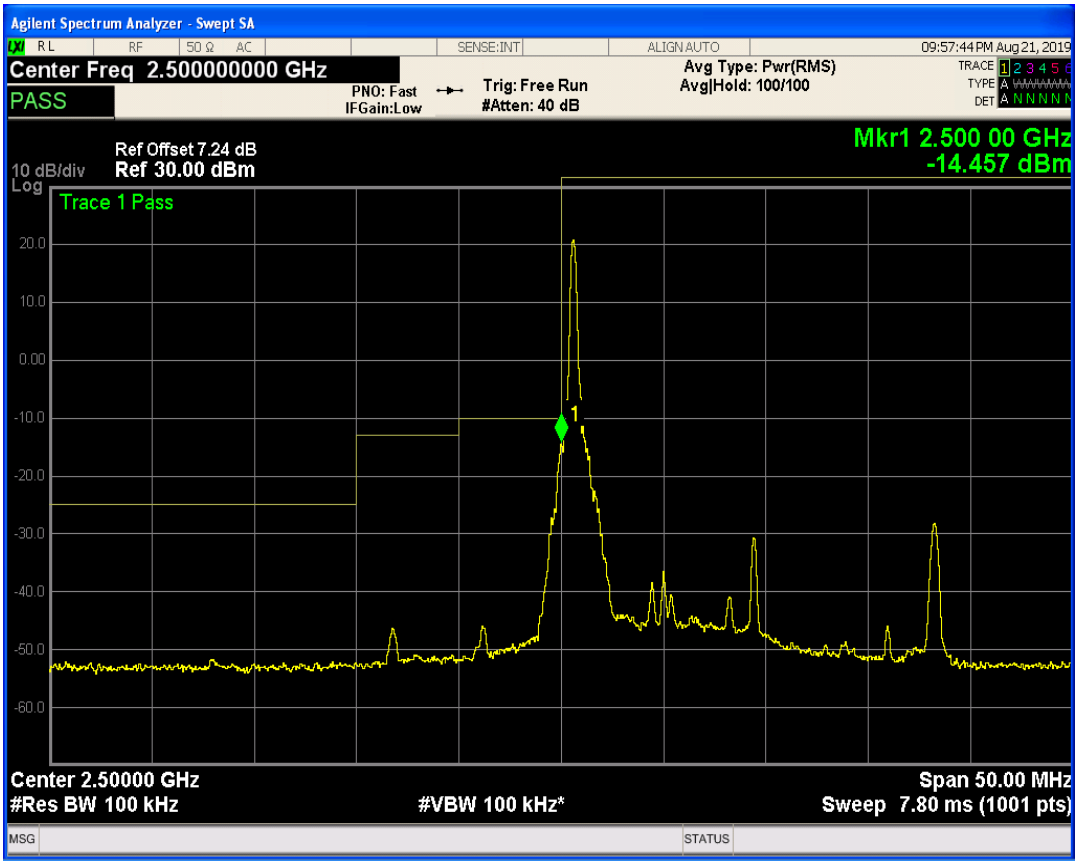
LTE Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



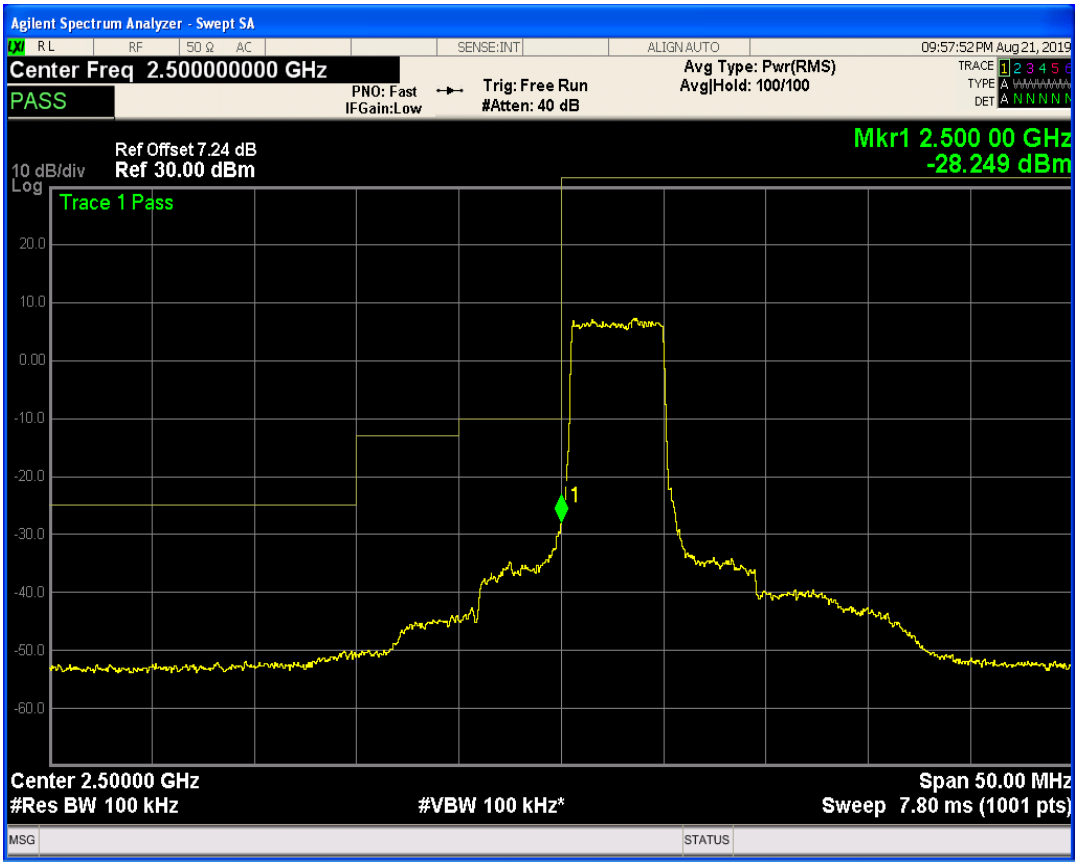
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#Max



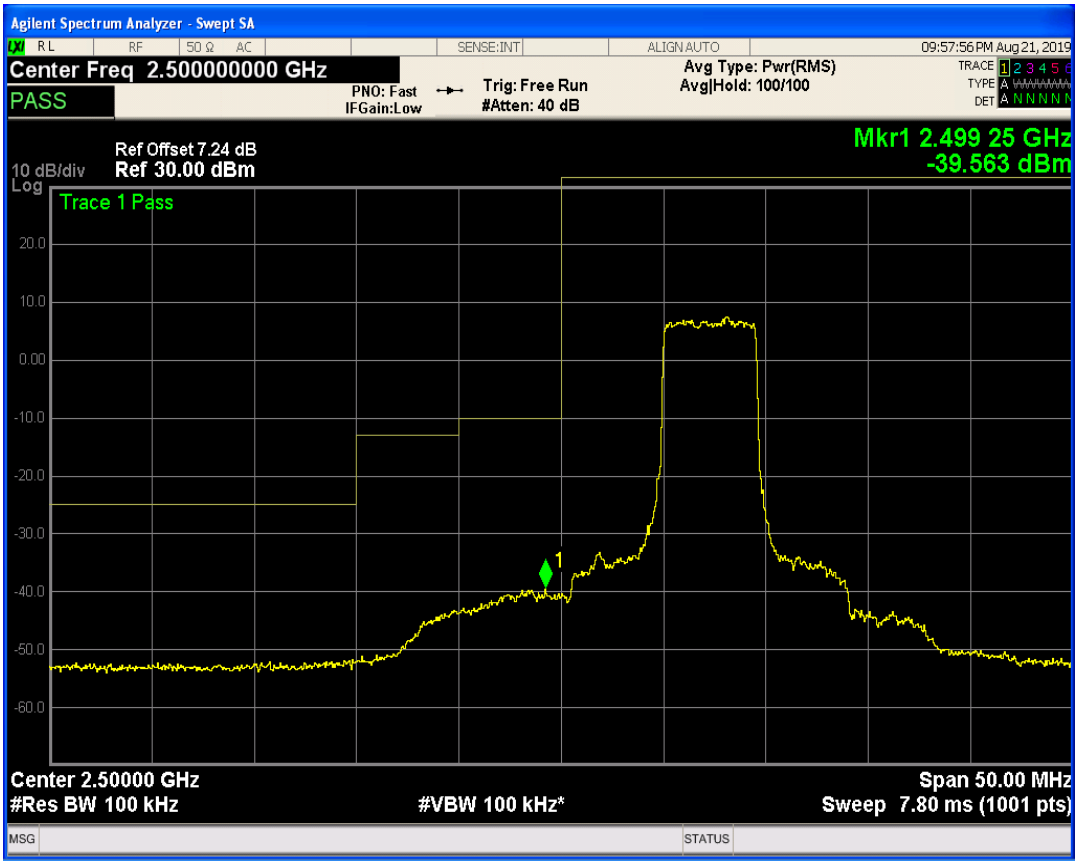
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



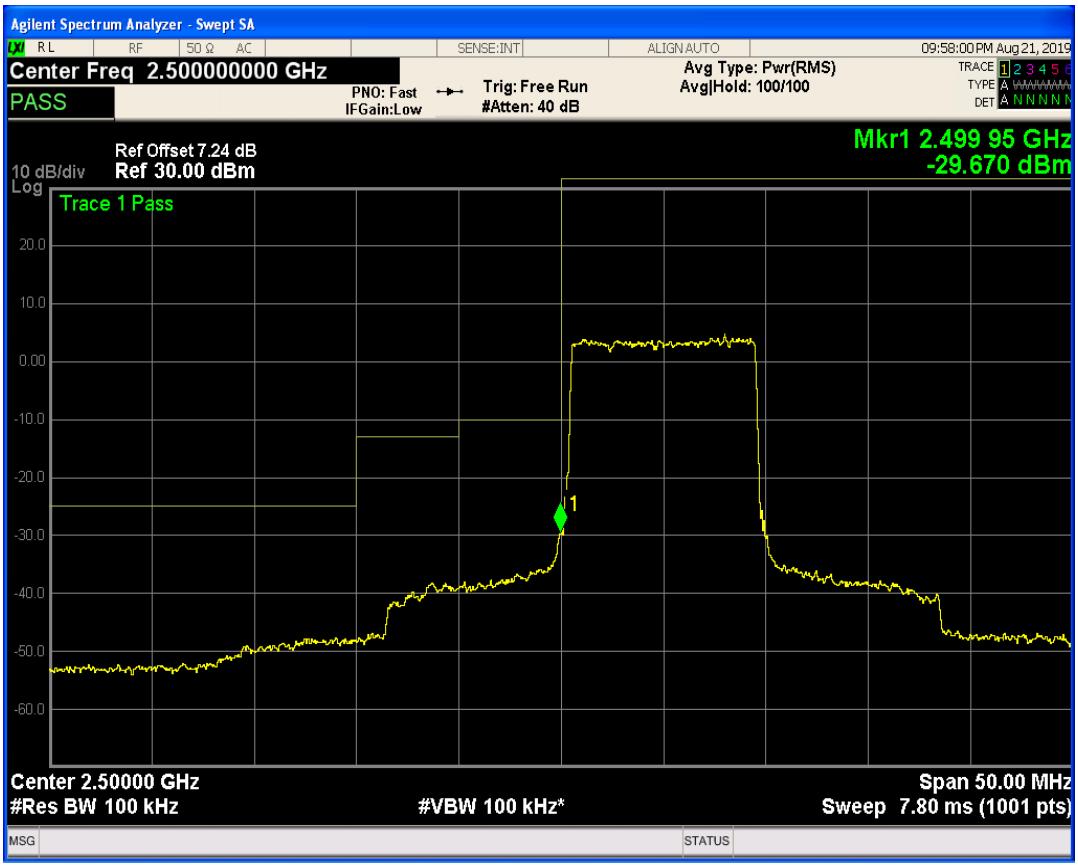
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=25 Position=#0



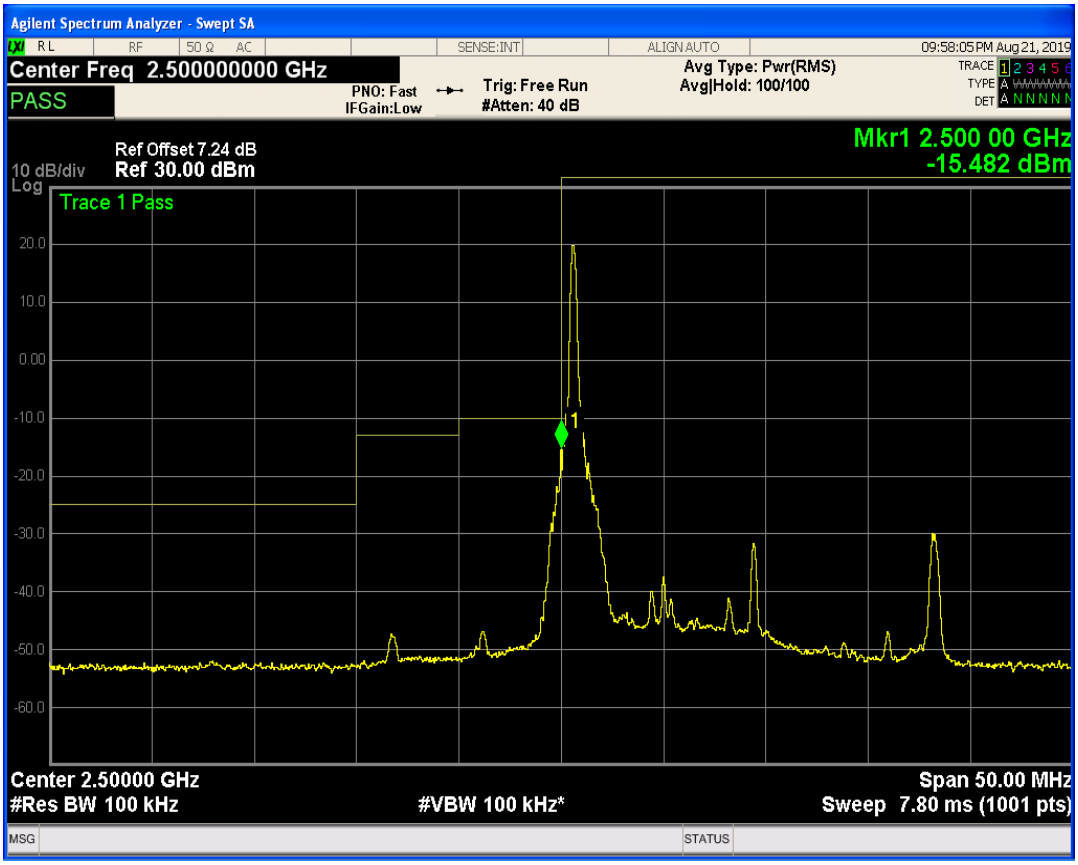
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=25 Position=#Max



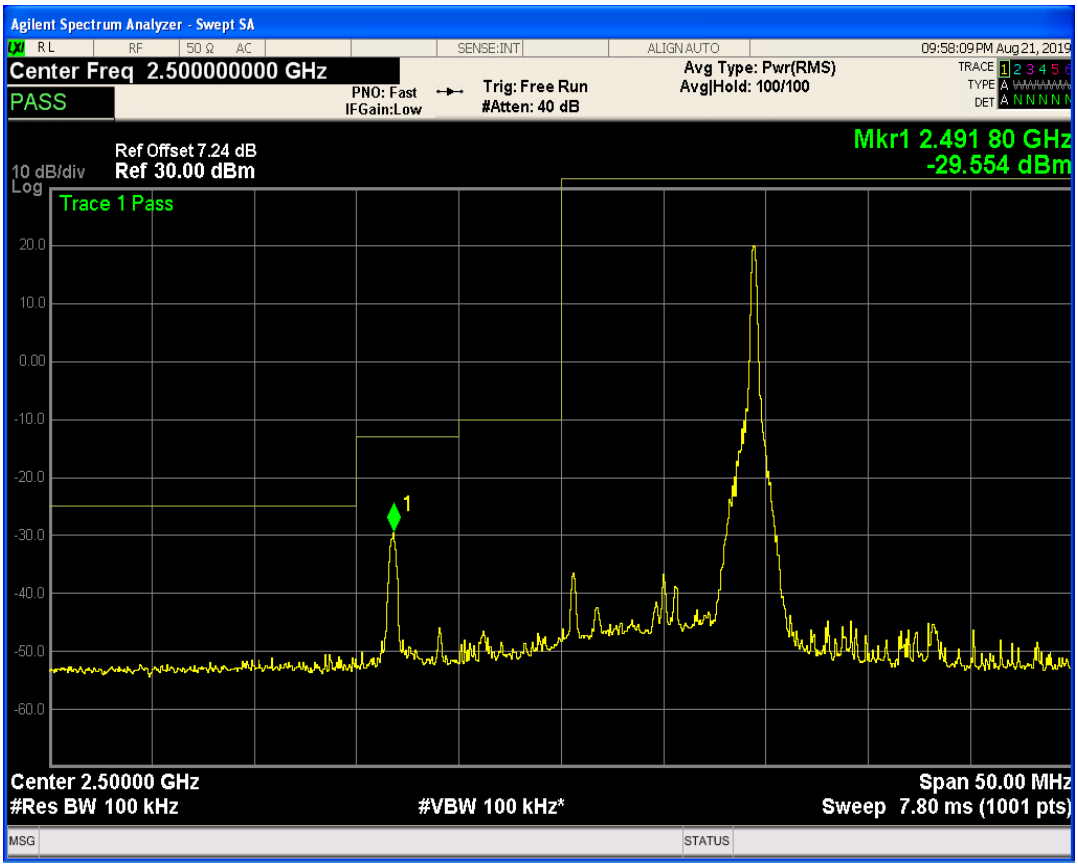
LTE Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



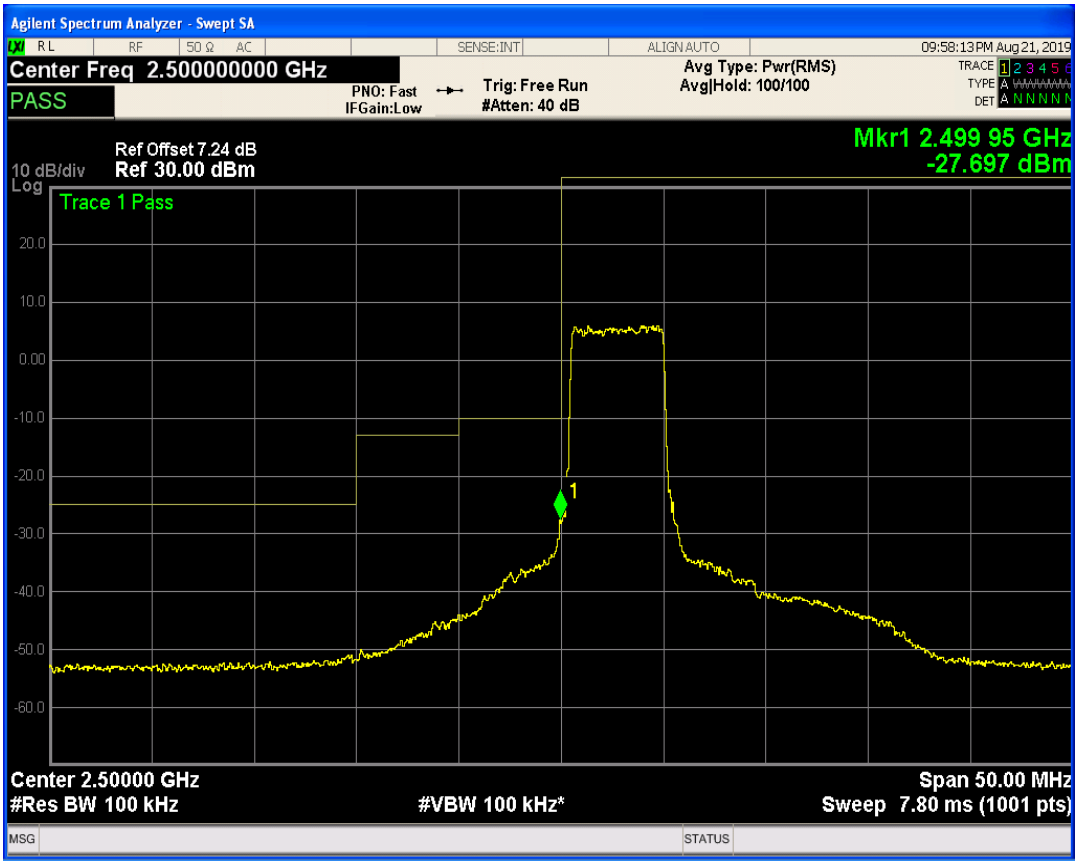
LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#0



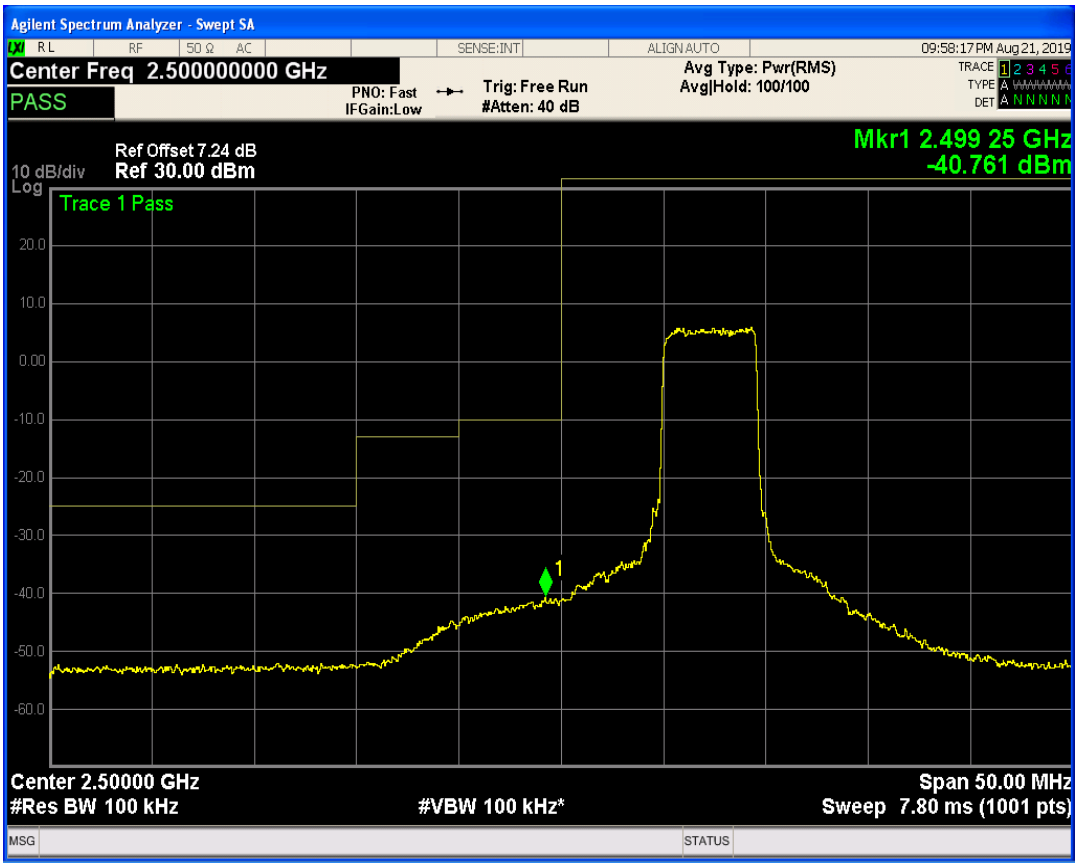
LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=1 Position=#Max



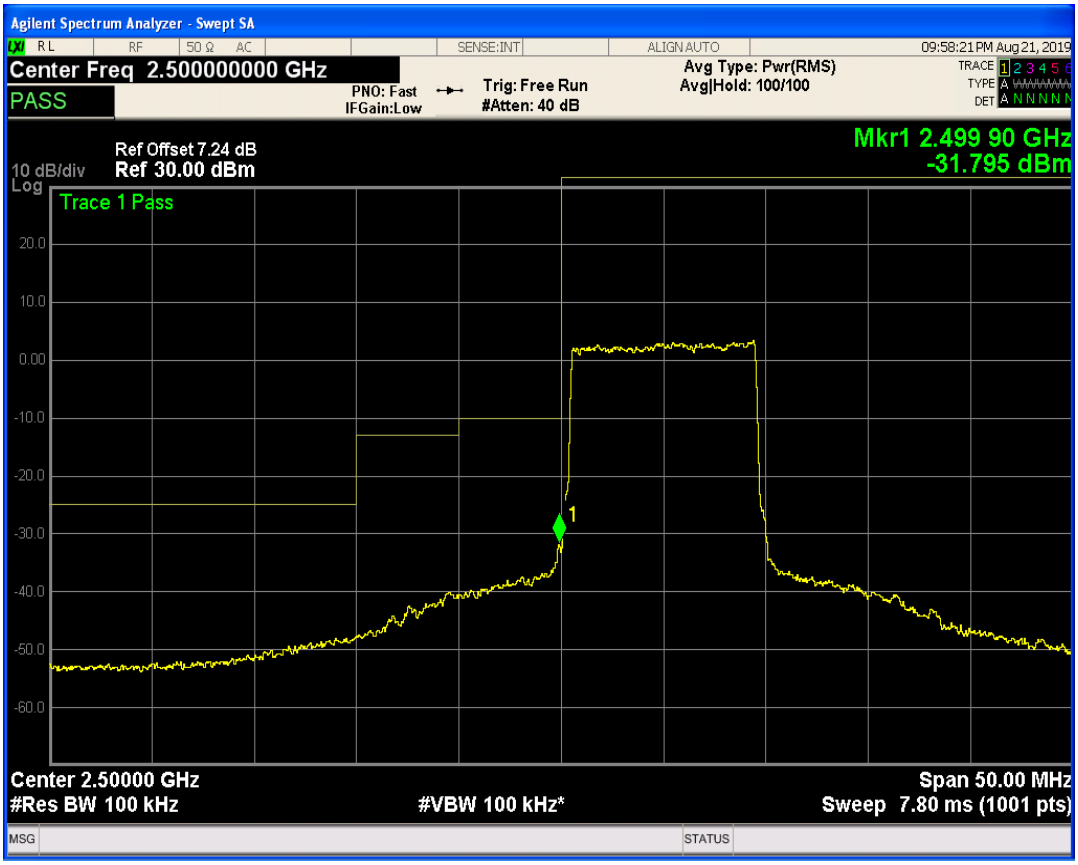
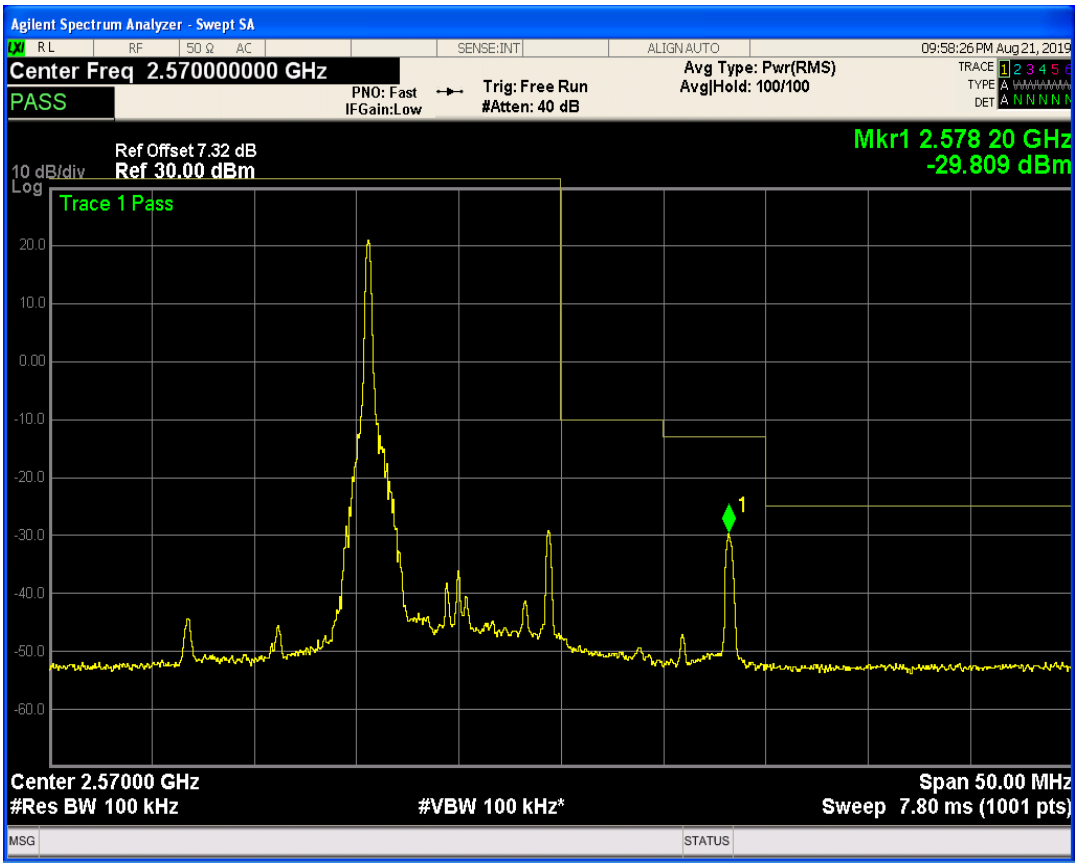
LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=25 Position=#0



LTE Band7 QAM16 BW=10MHz Channel=20800 RB Size=25 Position=#Max



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



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