

## 8.4 Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-19.11	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-28.98	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-18.15	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-22.21	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-21.64	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-29.08	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-21.36	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-24.60	PASS
Band2	3MHz	QPSK	18615	1RB#0	-18.65	PASS
Band2	3MHz	QPSK	18615	15RB#0	-29.21	PASS
Band2	3MHz	QPSK	19185	1RB#14	-15.21	PASS
Band2	3MHz	QPSK	19185	15RB#0	-25.41	PASS
Band2	3MHz	16QAM	18615	1RB#0	-16.58	PASS
Band2	3MHz	16QAM	18615	15RB#0	-29.23	PASS
Band2	3MHz	16QAM	19185	1RB#14	-16.63	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.15	PASS
Band2	5MHz	QPSK	18625	1RB#0	-16.12	PASS
Band2	5MHz	QPSK	18625	25RB#0	-27.90	PASS
Band2	5MHz	QPSK	19175	1RB#24	-16.64	PASS
Band2	5MHz	QPSK	19175	25RB#0	-26.50	PASS
Band2	5MHz	16QAM	18625	1RB#0	-17.03	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.16	PASS
Band2	5MHz	16QAM	19175	1RB#24	-17.36	PASS
Band2	5MHz	16QAM	19175	25RB#0	-27.55	PASS
Band2	10MHz	QPSK	18650	1RB#0	-20.14	PASS
Band2	10MHz	QPSK	18650	50RB#0	-32.06	PASS
Band2	10MHz	QPSK	19150	1RB#49	-19.07	PASS
Band2	10MHz	QPSK	19150	50RB#0	-27.53	PASS
Band2	10MHz	16QAM	18650	1RB#0	-19.65	PASS
Band2	10MHz	16QAM	18650	50RB#0	-33.39	PASS
Band2	10MHz	16QAM	19150	1RB#49	-19.31	PASS
Band2	10MHz	16QAM	19150	50RB#0	-30.79	PASS
Band2	15MHz	QPSK	18675	1RB#0	-20.56	PASS
Band2	15MHz	QPSK	18675	75RB#0	-32.93	PASS
Band2	15MHz	QPSK	19125	1RB#74	-21.56	PASS
Band2	15MHz	QPSK	19125	75RB#0	-27.33	PASS
Band2	15MHz	16QAM	18675	1RB#0	-20.76	PASS

Band2	15MHz	16QAM	18675	75RB#0	-34.45	PASS
Band2	15MHz	16QAM	19125	1RB#74	-20.80	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.08	PASS
Band2	20MHz	QPSK	18700	1RB#0	-22.35	PASS
Band2	20MHz	QPSK	18700	100RB#0	-35.32	PASS
Band2	20MHz	QPSK	19100	1RB#99	-23.33	PASS
Band2	20MHz	QPSK	19100	100RB#0	-31.22	PASS
Band2	20MHz	16QAM	18700	1RB#0	-23.65	PASS
Band2	20MHz	16QAM	18700	100RB#0	-35.30	PASS
Band2	20MHz	16QAM	19100	1RB#99	-23.05	PASS
Band2	20MHz	16QAM	19100	100RB#0	-32.50	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-19.89	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-28.73	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-20.10	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-29.30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-21.23	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.04	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-22.05	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-29.26	PASS
Band4	3MHz	QPSK	19965	1RB#0	-19.51	PASS
Band4	3MHz	QPSK	19965	15RB#0	-29.94	PASS
Band4	3MHz	QPSK	20385	1RB#14	-20.21	PASS
Band4	3MHz	QPSK	20385	15RB#0	-30.95	PASS
Band4	3MHz	16QAM	19965	1RB#0	-18.81	PASS
Band4	3MHz	16QAM	19965	15RB#0	-30.61	PASS
Band4	3MHz	16QAM	20385	1RB#14	-20.59	PASS
Band4	3MHz	16QAM	20385	15RB#0	-30.88	PASS
Band4	5MHz	QPSK	19975	1RB#0	-17.41	PASS
Band4	5MHz	QPSK	19975	25RB#0	-28.59	PASS
Band4	5MHz	QPSK	20375	1RB#24	-17.54	PASS
Band4	5MHz	QPSK	20375	25RB#0	-28.85	PASS
Band4	5MHz	16QAM	19975	1RB#0	-16.43	PASS
Band4	5MHz	16QAM	19975	25RB#0	-30.25	PASS
Band4	5MHz	16QAM	20375	1RB#24	-17.75	PASS
Band4	5MHz	16QAM	20375	25RB#0	-30.06	PASS
Band4	10MHz	QPSK	20000	1RB#0	-20.66	PASS
Band4	10MHz	QPSK	20000	50RB#0	-32.74	PASS
Band4	10MHz	QPSK	20350	1RB#49	-20.54	PASS
Band4	10MHz	QPSK	20350	50RB#0	-33.94	PASS
Band4	10MHz	16QAM	20000	1RB#0	-19.92	PASS
Band4	10MHz	16QAM	20000	50RB#0	-34.41	PASS
Band4	10MHz	16QAM	20350	1RB#49	-19.35	PASS
Band4	10MHz	16QAM	20350	50RB#0	-34.22	PASS
Band4	15MHz	QPSK	20025	1RB#0	-21.48	PASS
Band4	15MHz	QPSK	20025	75RB#0	-32.07	PASS

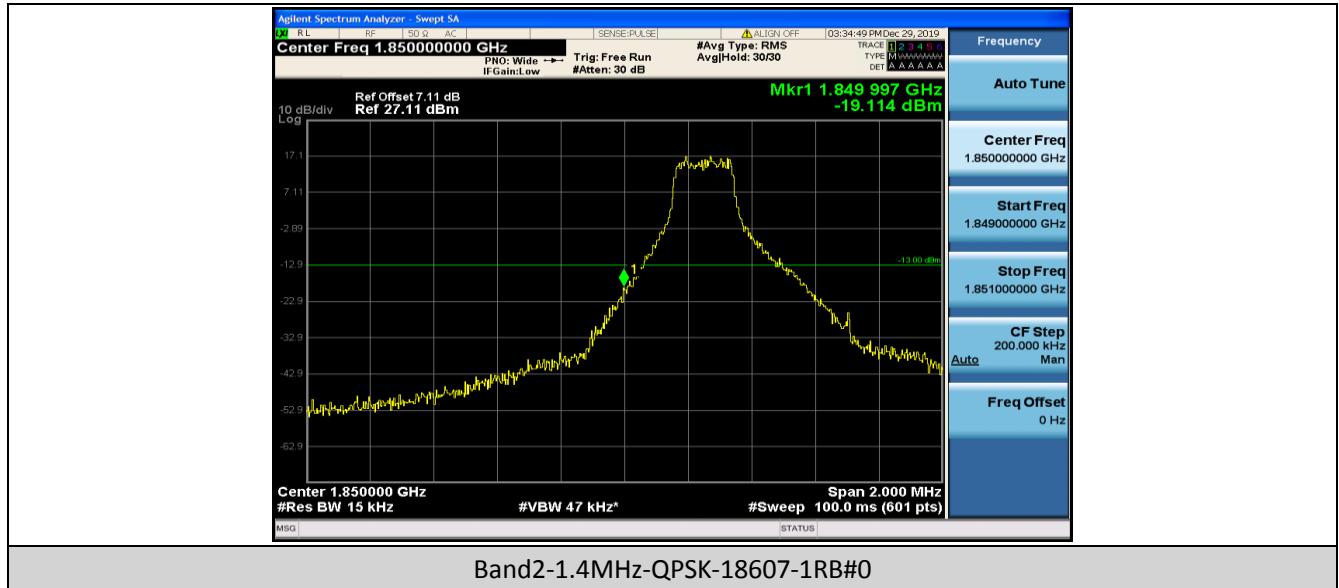
Band4	15MHz	QPSK	20325	1RB#74	-21.74	PASS
Band4	15MHz	QPSK	20325	75RB#0	-33.61	PASS
Band4	15MHz	16QAM	20025	1RB#0	-20.86	PASS
Band4	15MHz	16QAM	20025	75RB#0	-31.38	PASS
Band4	15MHz	16QAM	20325	1RB#74	-21.44	PASS
Band4	15MHz	16QAM	20325	75RB#0	-35.04	PASS
Band4	20MHz	QPSK	20050	1RB#0	-22.99	PASS
Band4	20MHz	QPSK	20050	100RB#0	-33.77	PASS
Band4	20MHz	QPSK	20300	1RB#99	-23.55	PASS
Band4	20MHz	QPSK	20300	100RB#0	-35.62	PASS
Band4	20MHz	16QAM	20050	1RB#0	-22.63	PASS
Band4	20MHz	16QAM	20050	100RB#0	-35.34	PASS
Band4	20MHz	16QAM	20300	1RB#99	-23.42	PASS
Band4	20MHz	16QAM	20300	100RB#0	-34.86	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-18.66	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-21.91	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-17.85	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-25.09	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-21.81	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-26.39	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-18.85	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-26.57	PASS
Band5	3MHz	QPSK	20415	1RB#0	-15.72	PASS
Band5	3MHz	QPSK	20415	15RB#0	-27.52	PASS
Band5	3MHz	QPSK	20635	1RB#14	-16.83	PASS
Band5	3MHz	QPSK	20635	15RB#0	-27.79	PASS
Band5	3MHz	16QAM	20415	1RB#0	-17.63	PASS
Band5	3MHz	16QAM	20415	15RB#0	-29.91	PASS
Band5	3MHz	16QAM	20635	1RB#14	-16.43	PASS
Band5	3MHz	16QAM	20635	15RB#0	-29.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	-16.67	PASS
Band5	5MHz	QPSK	20425	25RB#0	-27.55	PASS
Band5	5MHz	QPSK	20625	1RB#24	-16.47	PASS
Band5	5MHz	QPSK	20625	25RB#0	-28.82	PASS
Band5	5MHz	16QAM	20425	1RB#0	-17.08	PASS
Band5	5MHz	16QAM	20425	25RB#0	-29.50	PASS
Band5	5MHz	16QAM	20625	1RB#24	-17.02	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.70	PASS
Band5	10MHz	QPSK	20450	1RB#0	-19.66	PASS
Band5	10MHz	QPSK	20450	50RB#0	-30.53	PASS
Band5	10MHz	QPSK	20600	1RB#49	-20.46	PASS
Band5	10MHz	QPSK	20600	50RB#0	-27.11	PASS
Band5	10MHz	16QAM	20450	1RB#0	-18.89	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.86	PASS
Band5	10MHz	16QAM	20600	1RB#49	-19.54	PASS

Band5	10MHz	16QAM	20600	50RB#0	-29.07	PASS
Band7	5MHz	QPSK	20775	1RB#0	-58.02,-44.31,-45.54,-16.68	PASS
Band7	5MHz	QPSK	20775	25RB#0	-54.60,-42.96,-33.63,-28.26	PASS
Band7	5MHz	QPSK	21425	1RB#24	-42.08,-56.13,-43.10,-17.59	PASS
Band7	5MHz	QPSK	21425	25RB#0	-51.22,-48.85,-30.21,-27.20	PASS
Band7	5MHz	16QAM	20775	1RB#0	-57.70,-46.67,-49.35,-18.28	PASS
Band7	5MHz	16QAM	20775	25RB#0	-54.30,-46.16,-35.00,-29.63	PASS
Band7	5MHz	16QAM	21425	1RB#24	-45.26,-56.04,-43.63,-17.74	PASS
Band7	5MHz	16QAM	21425	25RB#0	-49.52,-49.68,-32.18,-27.85	PASS
Band7	10MHz	QPSK	20800	1RB#0	-43.70,-45.27,-47.69,-20.10	PASS
Band7	10MHz	QPSK	20800	50RB#0	-50.00,-36.07,-33.03,-31.44	PASS
Band7	10MHz	QPSK	21400	1RB#49	-55.36,-40.78,-47.89,-19.45	PASS
Band7	10MHz	QPSK	21400	50RB#0	-48.24,-34.13,-29.41,-28.21	PASS
Band7	10MHz	16QAM	20800	1RB#0	-46.04,-44.84,-48.57,-20.07	PASS
Band7	10MHz	16QAM	20800	50RB#0	-51.34,-38.81,-36.39,-33.83	PASS
Band7	10MHz	16QAM	21400	1RB#49	-52.78,-40.96,-46.34,-20.47	PASS
Band7	10MHz	16QAM	21400	50RB#0	-48.68,-36.98,-31.32,-30.36	PASS
Band7	15MHz	QPSK	20825	1RB#0	-45.59,-48.33,-48.15,-22.63	PASS
Band7	15MHz	QPSK	20825	75RB#0	-38.62,-32.98,-30.34,-29.49	PASS
Band7	15MHz	QPSK	21375	1RB#74	-54.39,-37.76,-44.72,-21.85	PASS
Band7	15MHz	QPSK	21375	75RB#0	-47.71,-29.27,-27.67,-26.62	PASS
Band7	15MHz	16QAM	20825	1RB#0	-46.12,-42.78,-47.73,-22.97	PASS
Band7	15MHz	16QAM	20825	75RB#0	-42.60,-37.46,-34.89,-34.49	PASS
Band7	15MHz	16QAM	21375	1RB#74	-54.50,-39.52,-47.07,-21.75	PASS
Band7	15MHz	16QAM	21375	75RB#0	-49.23,-33.29,-31.00,-30.81	PASS
Band7	20MHz	QPSK	20850	1RB#0	-43.57,-37.43,-36.81,-24.61	PASS
Band7	20MHz	QPSK	20850	100RB#0	-39.28,-35.29,-32.81,-32.60	PASS
Band7	20MHz	QPSK	21350	1RB#99	-53.68,-40.13,-37.86,-24.10	PASS
Band7	20MHz	QPSK	21350	100RB#0	-50.93,-32.51,-29.90,-29.20	PASS
Band7	20MHz	16QAM	20850	1RB#0	-43.92,-34.34,-30.88,-24.87	PASS
Band7	20MHz	16QAM	20850	100RB#0	-42.62,-38.22,-36.32,-35.65	PASS
Band7	20MHz	16QAM	21350	1RB#99	-53.79,-38.24,-32.10,-24.18	PASS
Band7	20MHz	16QAM	21350	100RB#0	-51.19,-34.48,-32.51,-31.87	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-16.42	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-25.16	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-17.21	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-22.31	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-19.43	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-25.08	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-19.79	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-24.66	PASS
Band12	3MHz	QPSK	23025	1RB#0	-15.94	PASS
Band12	3MHz	QPSK	23025	15RB#0	-27.23	PASS
Band12	3MHz	QPSK	23165	1RB#14	-15.73	PASS
Band12	3MHz	QPSK	23165	15RB#0	-27.96	PASS

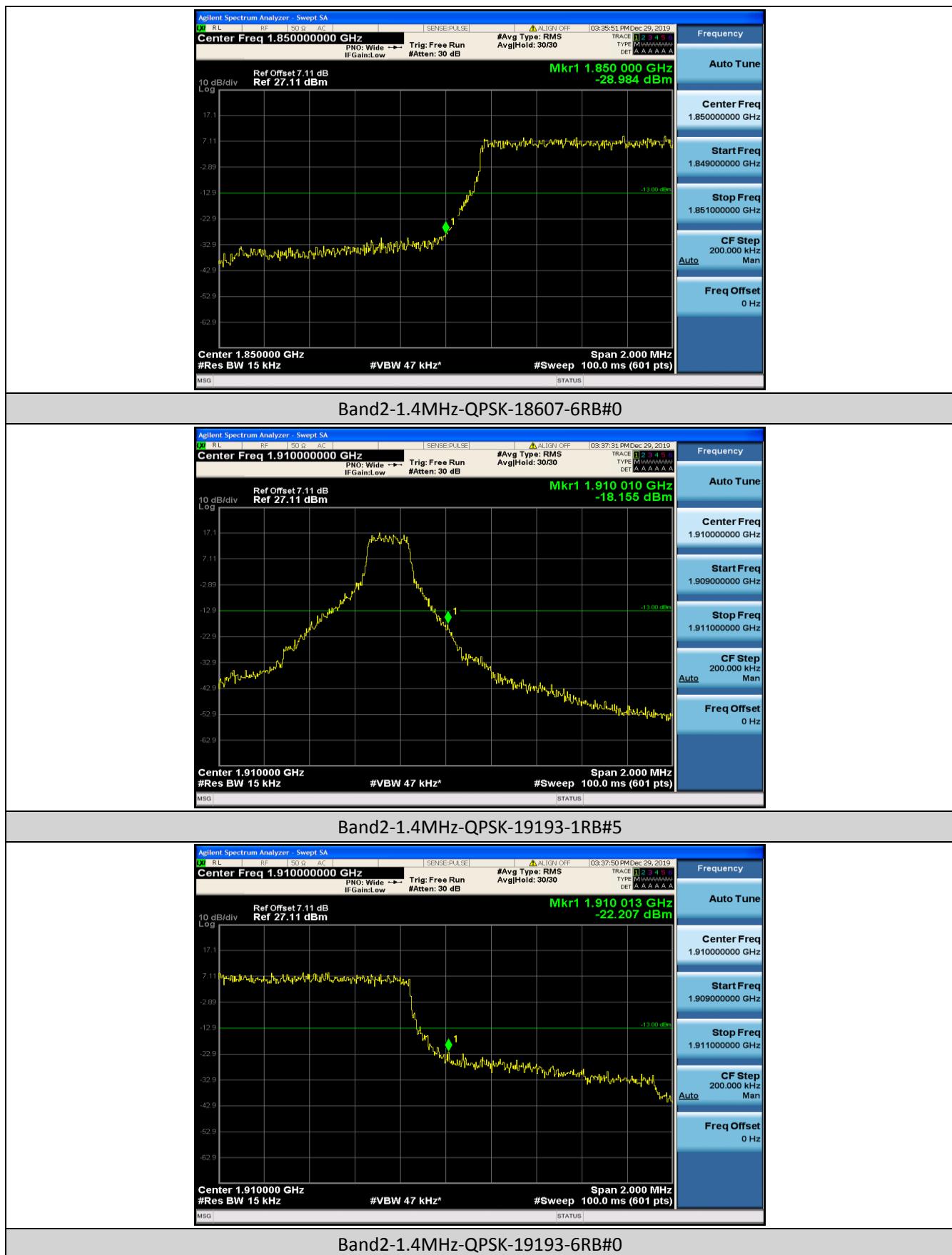
Band12	3MHz	16QAM	23025	1RB#0	-15.40	PASS
Band12	3MHz	16QAM	23025	15RB#0	-26.68	PASS
Band12	3MHz	16QAM	23165	1RB#14	-17.20	PASS
Band12	3MHz	16QAM	23165	15RB#0	-27.96	PASS
Band12	5MHz	QPSK	23035	1RB#0	-14.55	PASS
Band12	5MHz	QPSK	23035	25RB#0	-21.97	PASS
Band12	5MHz	QPSK	23155	1RB#24	-14.43	PASS
Band12	5MHz	QPSK	23155	25RB#0	-22.85	PASS
Band12	5MHz	16QAM	23035	1RB#0	-14.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	-22.68	PASS
Band12	5MHz	16QAM	23155	1RB#24	-14.81	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.78	PASS
Band12	10MHz	QPSK	23060	1RB#0	-16.23	PASS
Band12	10MHz	QPSK	23060	50RB#0	-26.20	PASS
Band12	10MHz	QPSK	23130	1RB#49	-15.74	PASS
Band12	10MHz	QPSK	23130	50RB#0	-27.85	PASS
Band12	10MHz	16QAM	23060	1RB#0	-16.42	PASS
Band12	10MHz	16QAM	23060	50RB#0	-27.72	PASS
Band12	10MHz	16QAM	23130	1RB#49	-16.04	PASS
Band12	10MHz	16QAM	23130	50RB#0	-26.10	PASS
Band17	5MHz	QPSK	23755	1RB#0	-15.18	PASS
Band17	5MHz	QPSK	23755	25RB#0	-21.25	PASS
Band17	5MHz	QPSK	23825	1RB#24	-14.44	PASS
Band17	5MHz	QPSK	23825	25RB#0	-23.42	PASS
Band17	5MHz	16QAM	23755	1RB#0	-14.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	-22.37	PASS
Band17	5MHz	16QAM	23825	1RB#24	-14.99	PASS
Band17	5MHz	16QAM	23825	25RB#0	-24.10	PASS
Band17	10MHz	QPSK	23780	1RB#0	-14.58	PASS
Band17	10MHz	QPSK	23780	50RB#0	-25.33	PASS
Band17	10MHz	QPSK	23800	1RB#49	-15.93	PASS
Band17	10MHz	QPSK	23800	50RB#0	-23.29	PASS
Band17	10MHz	16QAM	23780	1RB#0	-16.15	PASS
Band17	10MHz	16QAM	23780	50RB#0	-27.03	PASS
Band17	10MHz	16QAM	23800	1RB#49	-16.14	PASS
Band17	10MHz	16QAM	23800	50RB#0	-26.85	PASS
Band41	5MHz	QPSK	40265	1RB#0	-58.67,-58.35,-43.01,-44.11,-32.08,-13.10	PASS
Band41	5MHz	QPSK	40265	25RB#0	-58.42,-58.14,-47.08,-44.80,-31.58,-26.55	PASS
Band41	5MHz	QPSK	41215	1RB#24	-41.18,-44.38,-31.07,-17.41	PASS
Band41	5MHz	QPSK	41215	25RB#0	-45.02,-42.90,-27.39,-24.51	PASS
Band41	5MHz	16QAM	40265	1RB#0	-58.21,-58.33,-42.69,-46.15,-38.16,-15.85	PASS
Band41	5MHz	16QAM	40265	25RB#0	-58.48,-57.99,-49.61,-46.82,-32.55,-26.49	PASS
Band41	5MHz	16QAM	41215	1RB#24	-40.70,-44.90,-32.23,-20.02	PASS
Band41	5MHz	16QAM	41215	25RB#0	-45.73,-44.34,-29.75,-25.19	PASS
Band41	10MHz	QPSK	40290	1RB#0	-55.77,-56.28,-41.02,-38.80,-30.97,-17.05	PASS

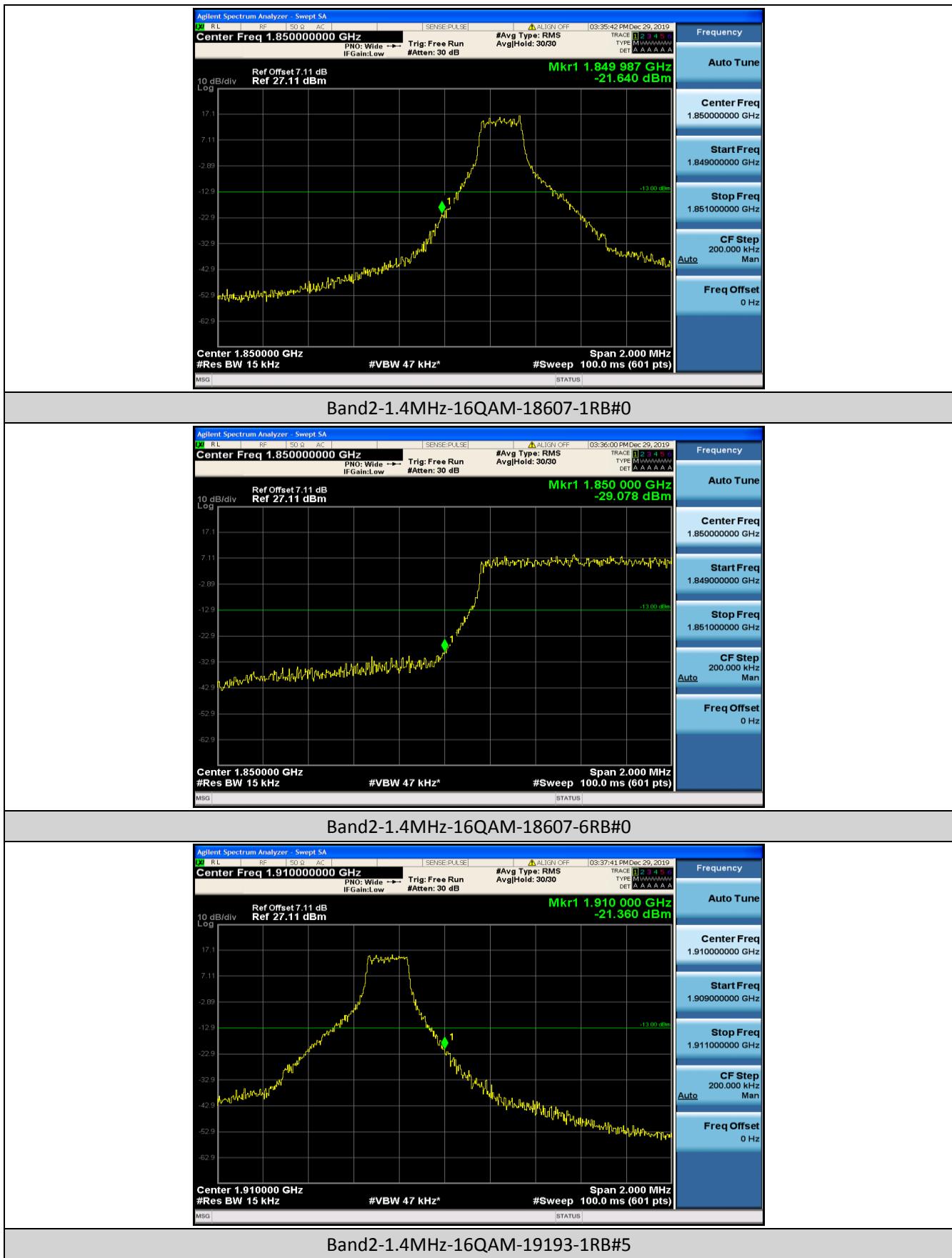
Band41	10MHz	QPSK	40290	50RB#0	-55.95,-56.32,-47.25,-33.96,-30.34,-27.96	PASS
Band41	10MHz	QPSK	41190	1RB#49	-51.21,-41.71,-30.83,-20.99	PASS
Band41	10MHz	QPSK	41190	50RB#0	-43.89,-30.60,-24.89,-23.67	PASS
Band41	10MHz	16QAM	40290	1RB#0	-55.97,-56.34,-44.06,-38.75,-27.22,-22.17	PASS
Band41	10MHz	16QAM	40290	50RB#0	-56.12,-56.03,-47.48,-37.59,-33.40,-31.30	PASS
Band41	10MHz	16QAM	41190	1RB#49	-49.20,-40.85,-31.62,-23.32	PASS
Band41	10MHz	16QAM	41190	50RB#0	-43.75,-33.87,-28.17,-27.88	PASS
Band41	15MHz	QPSK	40315	1RB#0	-54.71,-55.00,-42.62,-38.35,-29.53,-21.54	PASS
Band41	15MHz	QPSK	40315	75RB#0	-55.04,-54.98,-45.80,-27.93,-27.03,-26.01	PASS
Band41	15MHz	QPSK	41165	1RB#74	-50.66,-38.38,-30.79,-23.16	PASS
Band41	15MHz	QPSK	41165	75RB#0	-42.69,-25.51,-23.44,-22.35	PASS
Band41	15MHz	16QAM	40315	1RB#0	-55.23,-54.82,-43.39,-37.76,-29.00,-21.53	PASS
Band41	15MHz	16QAM	40315	75RB#0	-54.75,-54.49,-47.07,-33.05,-31.96,-31.01	PASS
Band41	15MHz	16QAM	41165	1RB#74	-51.13,-39.74,-30.86,-23.18	PASS
Band41	15MHz	16QAM	41165	75RB#0	-42.62,-29.42,-27.10,-26.43	PASS
Band41	20MHz	QPSK	40340	1RB#0	-54.17,-53.70,-48.50,-38.19,-30.82,-22.90	PASS
Band41	20MHz	QPSK	40340	100RB#0	-53.90,-54.37,-49.73,-32.20,-29.64,-29.26	PASS
Band41	20MHz	QPSK	41140	1RB#99	-51.99,-37.88,-30.67,-25.41	PASS
Band41	20MHz	QPSK	41140	100RB#0	-45.35,-27.72,-25.39,-23.98	PASS
Band41	20MHz	16QAM	40340	1RB#0	-54.21,-54.05,-50.68,-39.84,-34.23,-24.80	PASS
Band41	20MHz	16QAM	40340	100RB#0	-53.79,-54.28,-50.32,-35.15,-32.50,-32.77	PASS
Band41	20MHz	16QAM	41140	1RB#99	-50.92,-38.16,-28.82,-23.00	PASS
Band41	20MHz	16QAM	41140	100RB#0	-44.30,-30.27,-27.33,-27.15	PASS

## Test Graphs



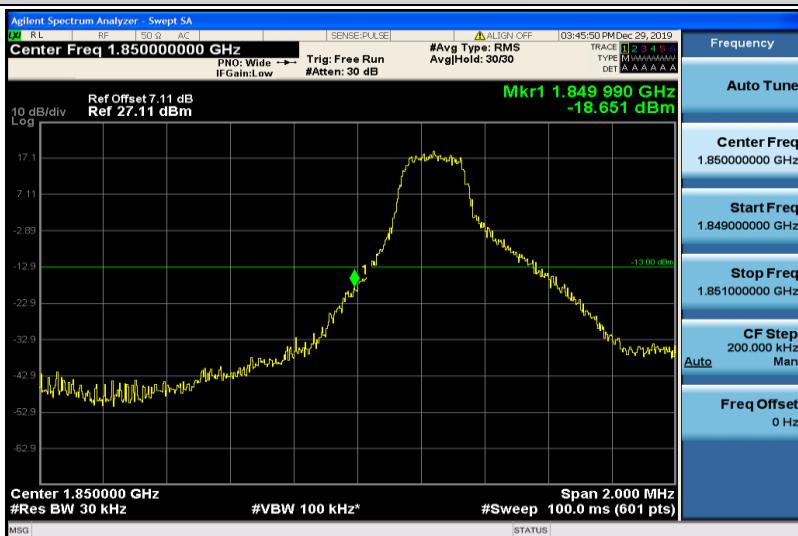
Band2-1.4MHz-QPSK-18607-1RB#0



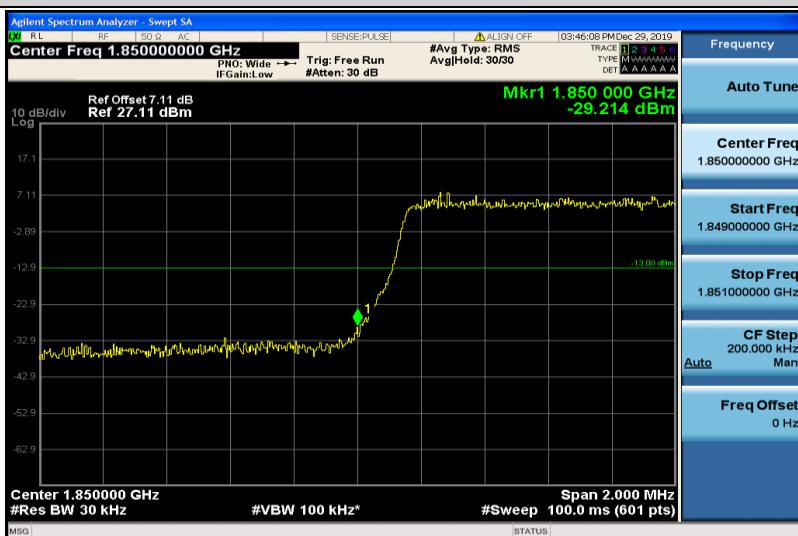




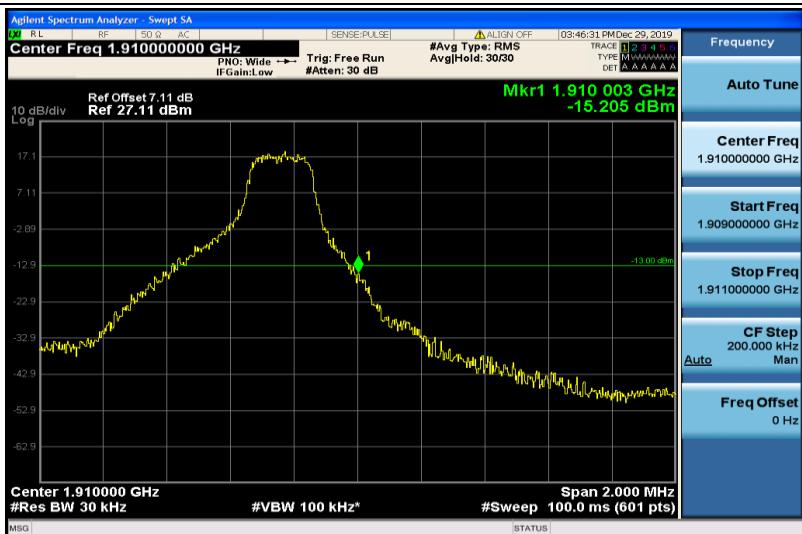
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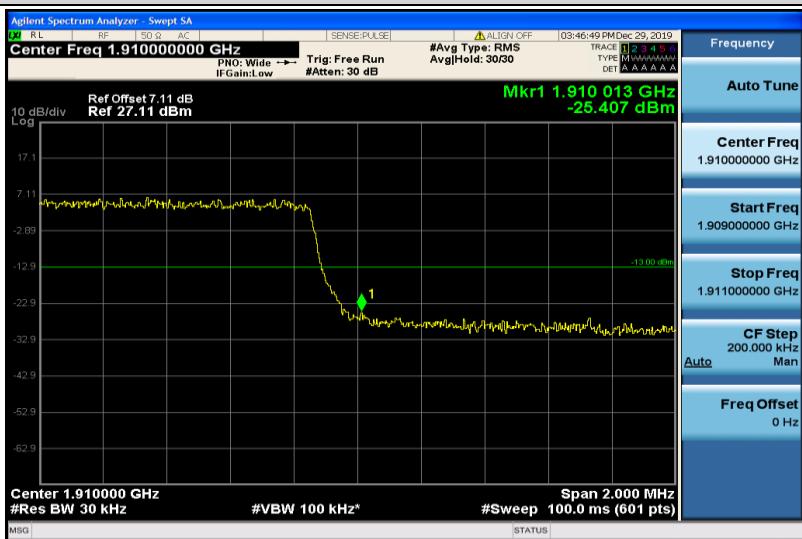
## Band2-3MHz-QPSK-18615-1RB#0



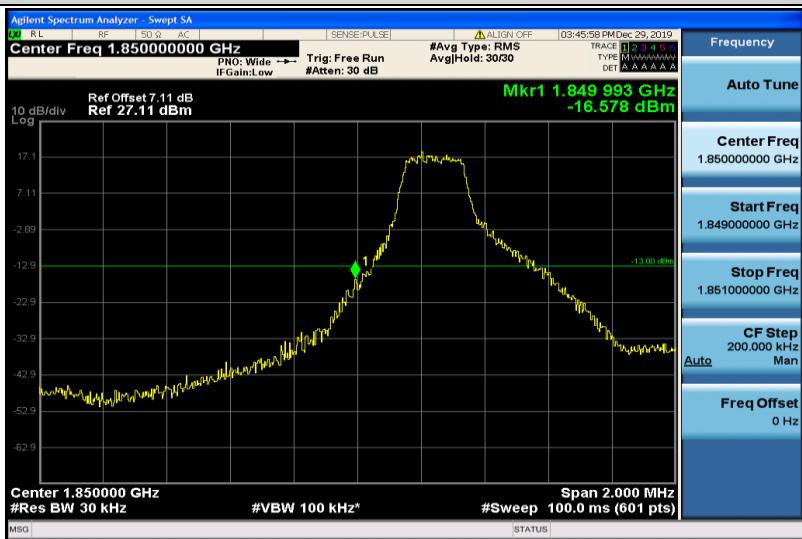
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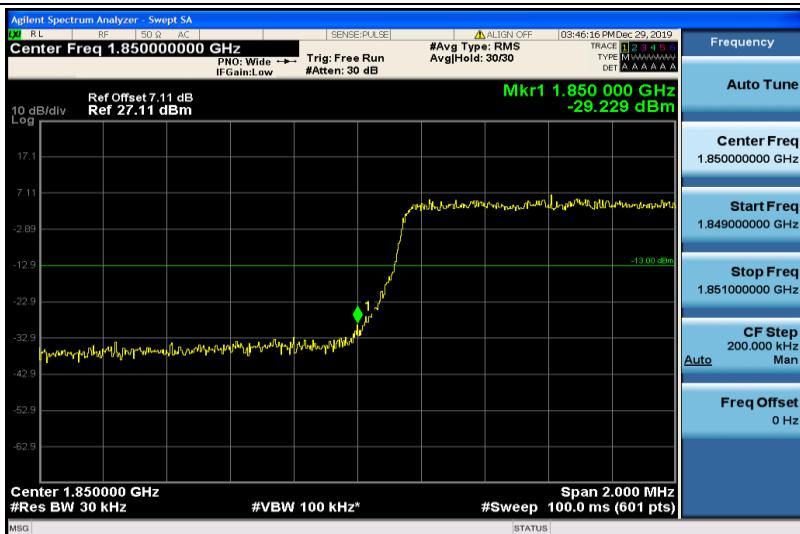
Band2-3MHz-QPSK-19185-1RB#14



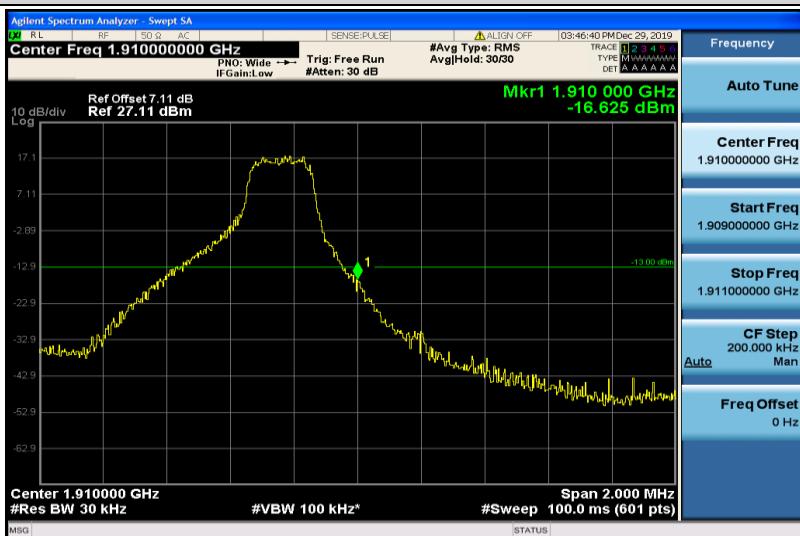
Band2-3MHz-QPSK-19185-1RB#14



Band2-3MHz-QPSK-19185-15RB#0



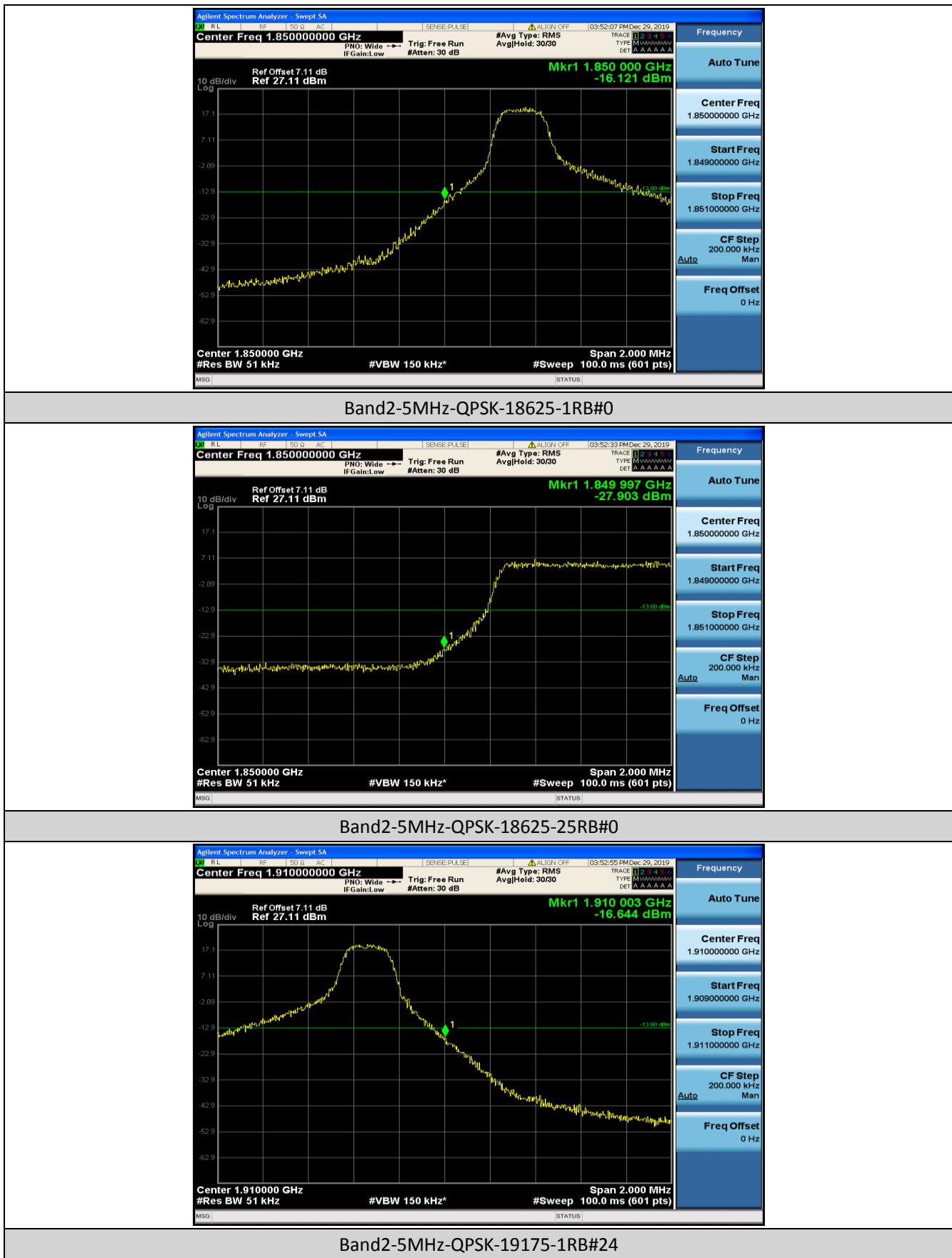
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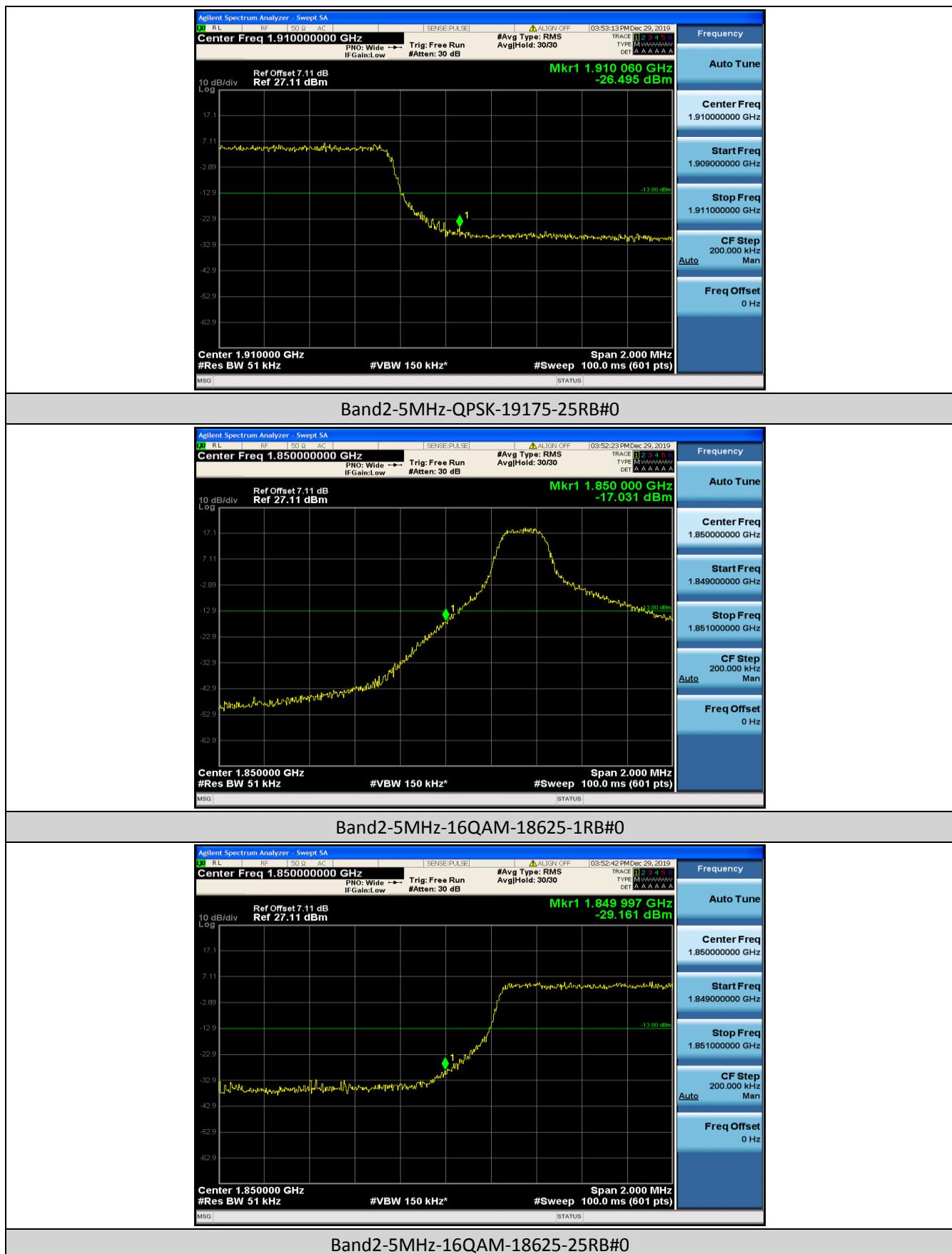


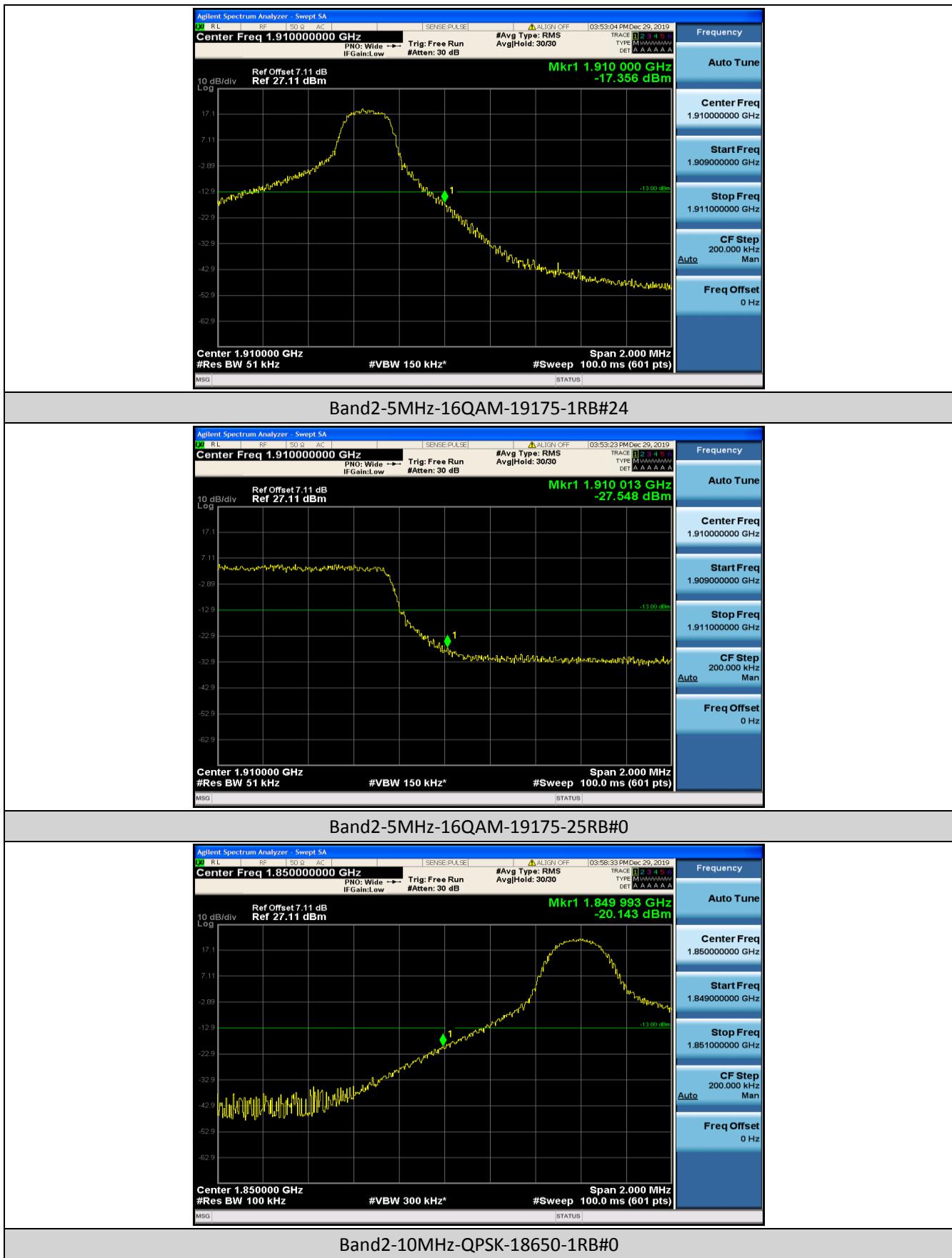
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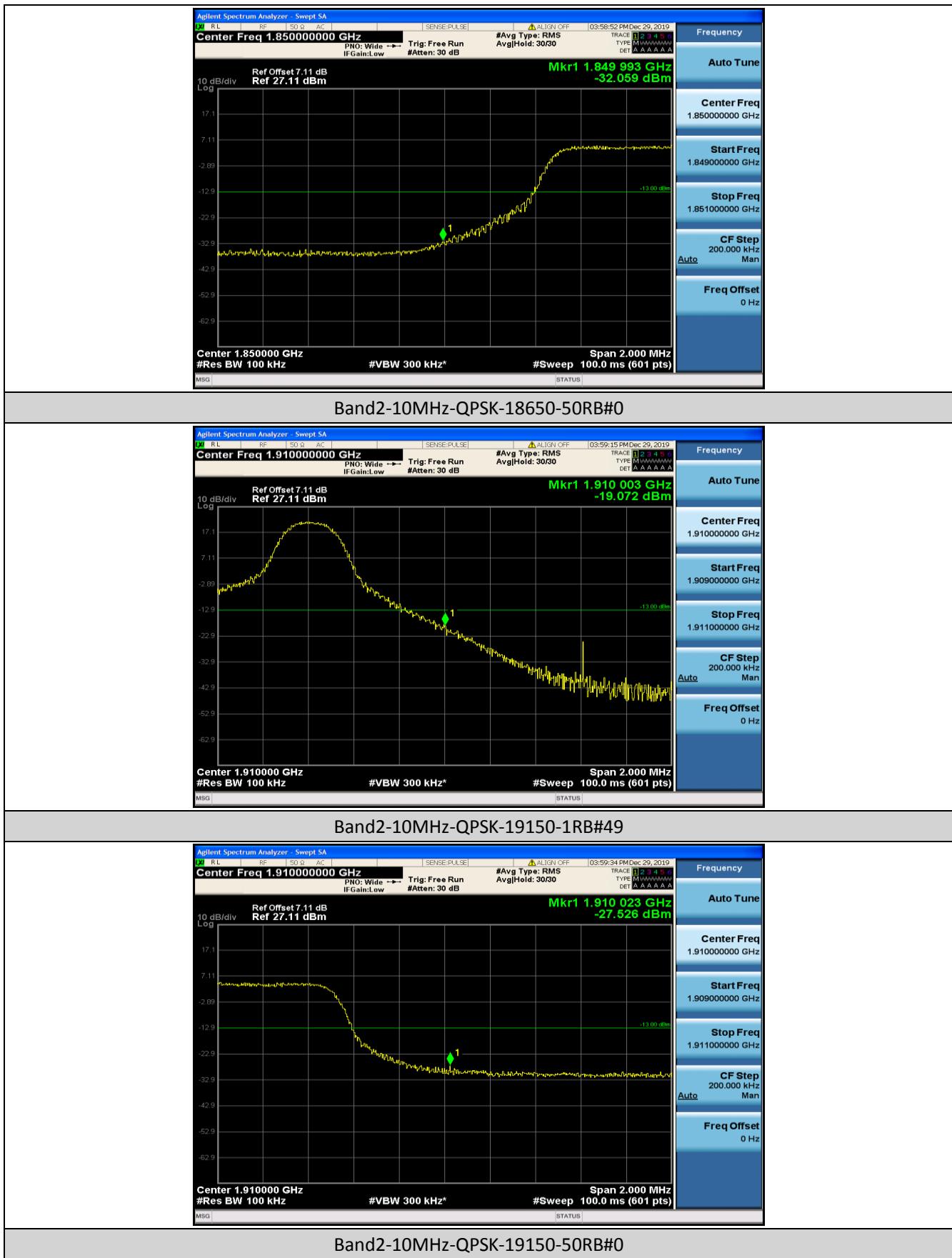


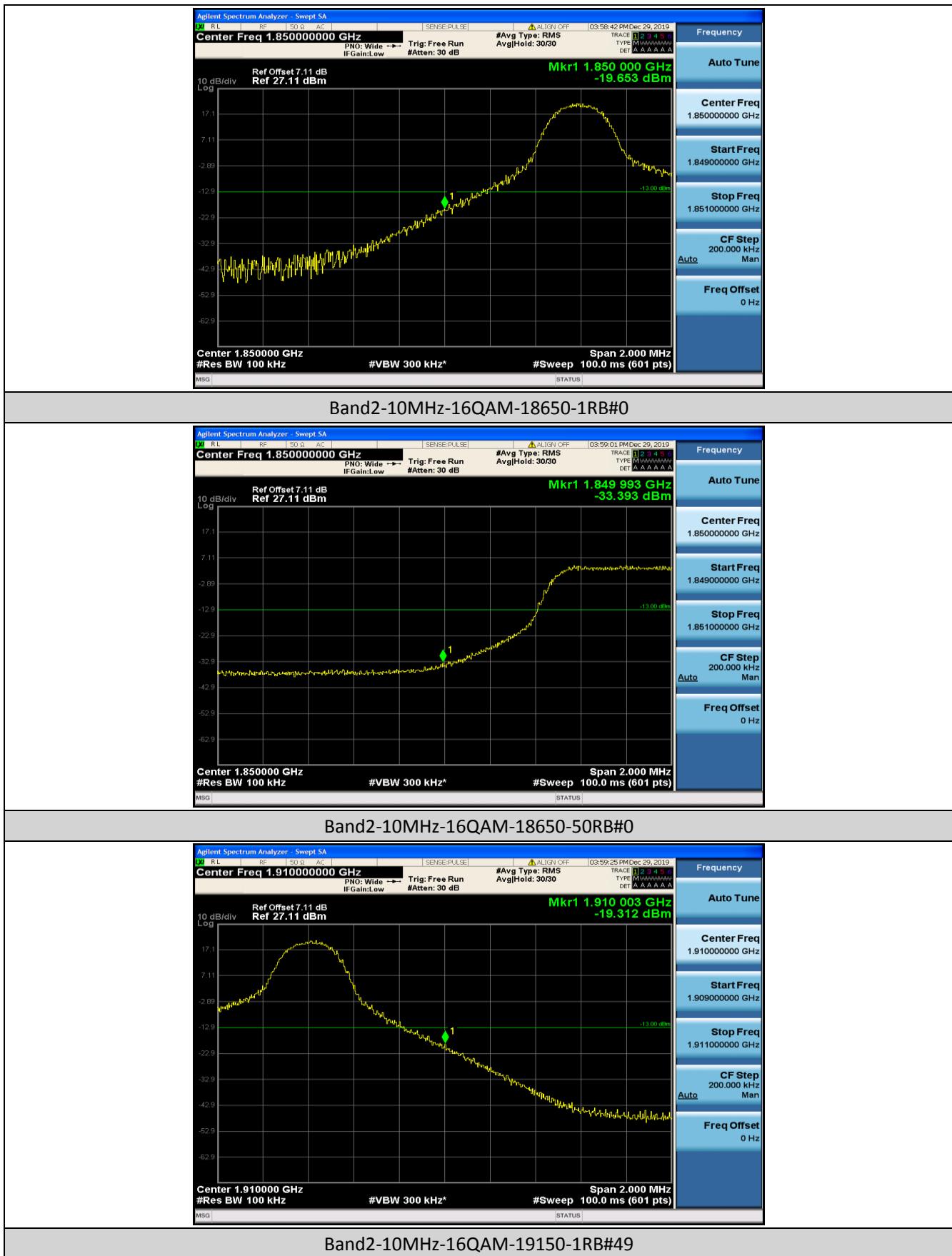
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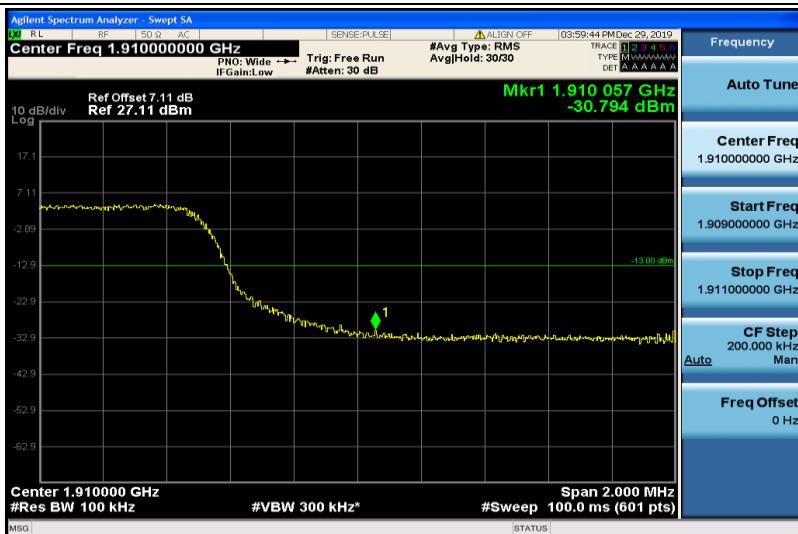




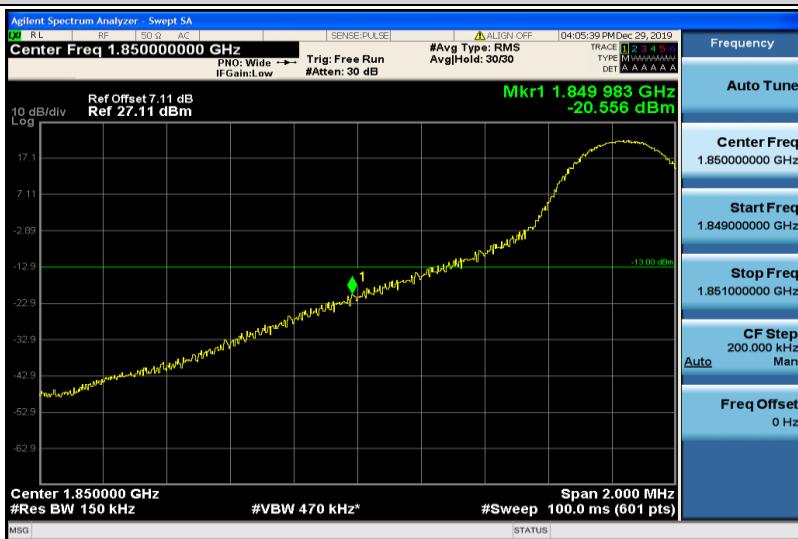




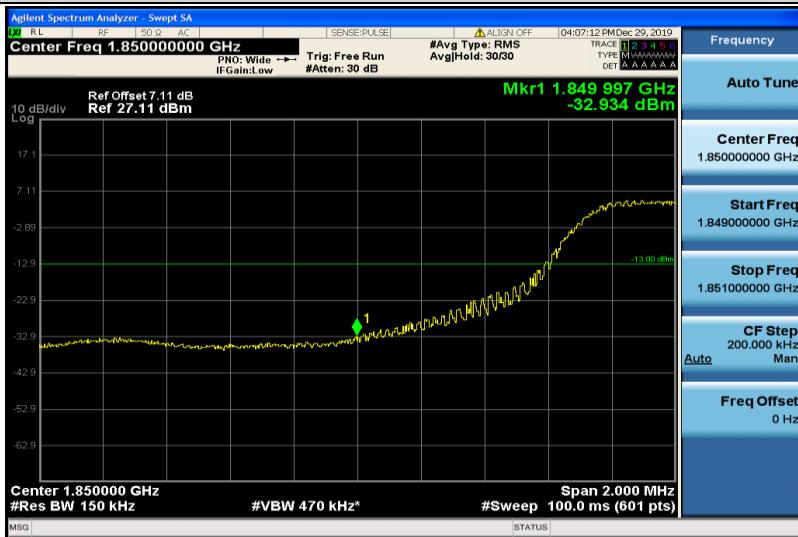




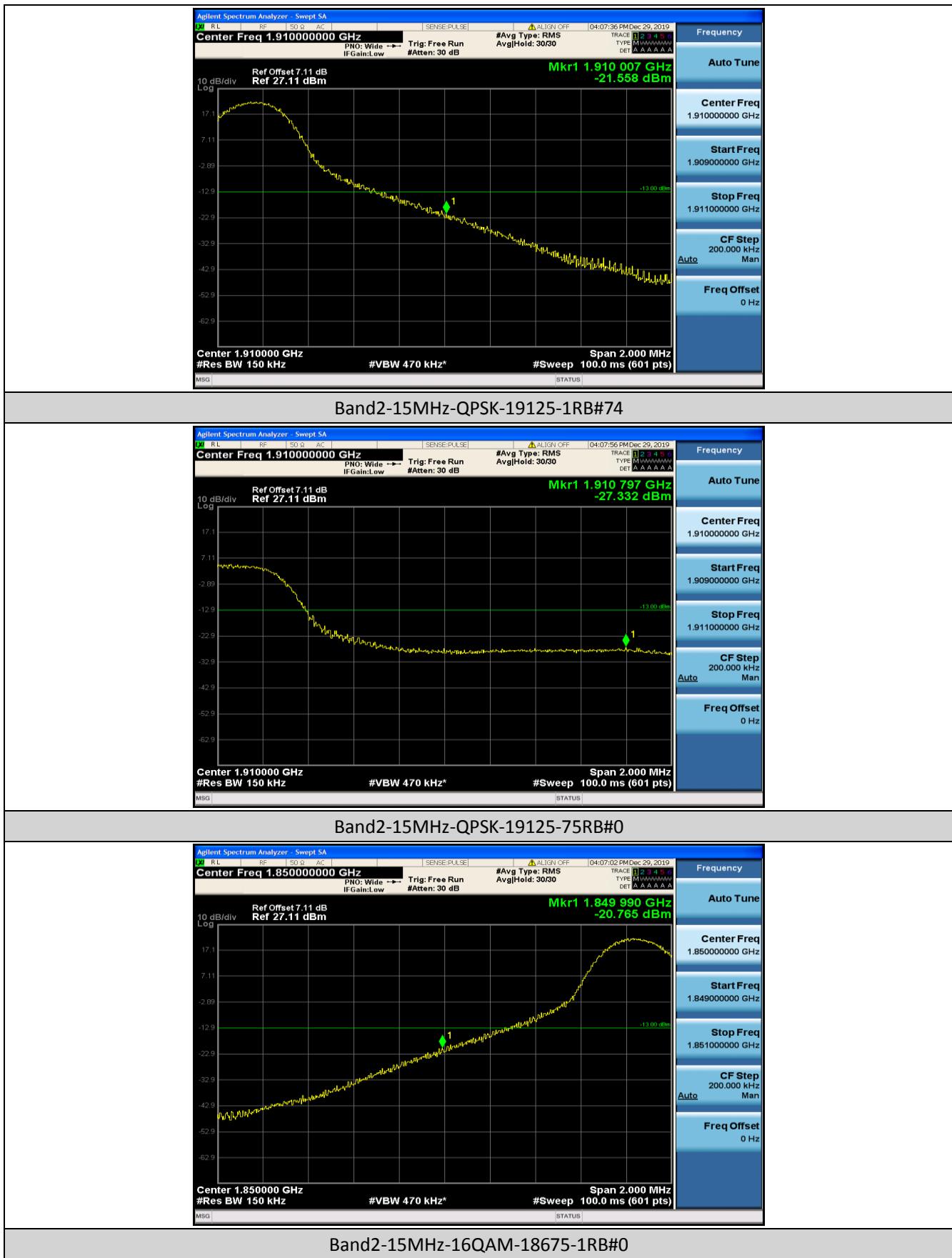
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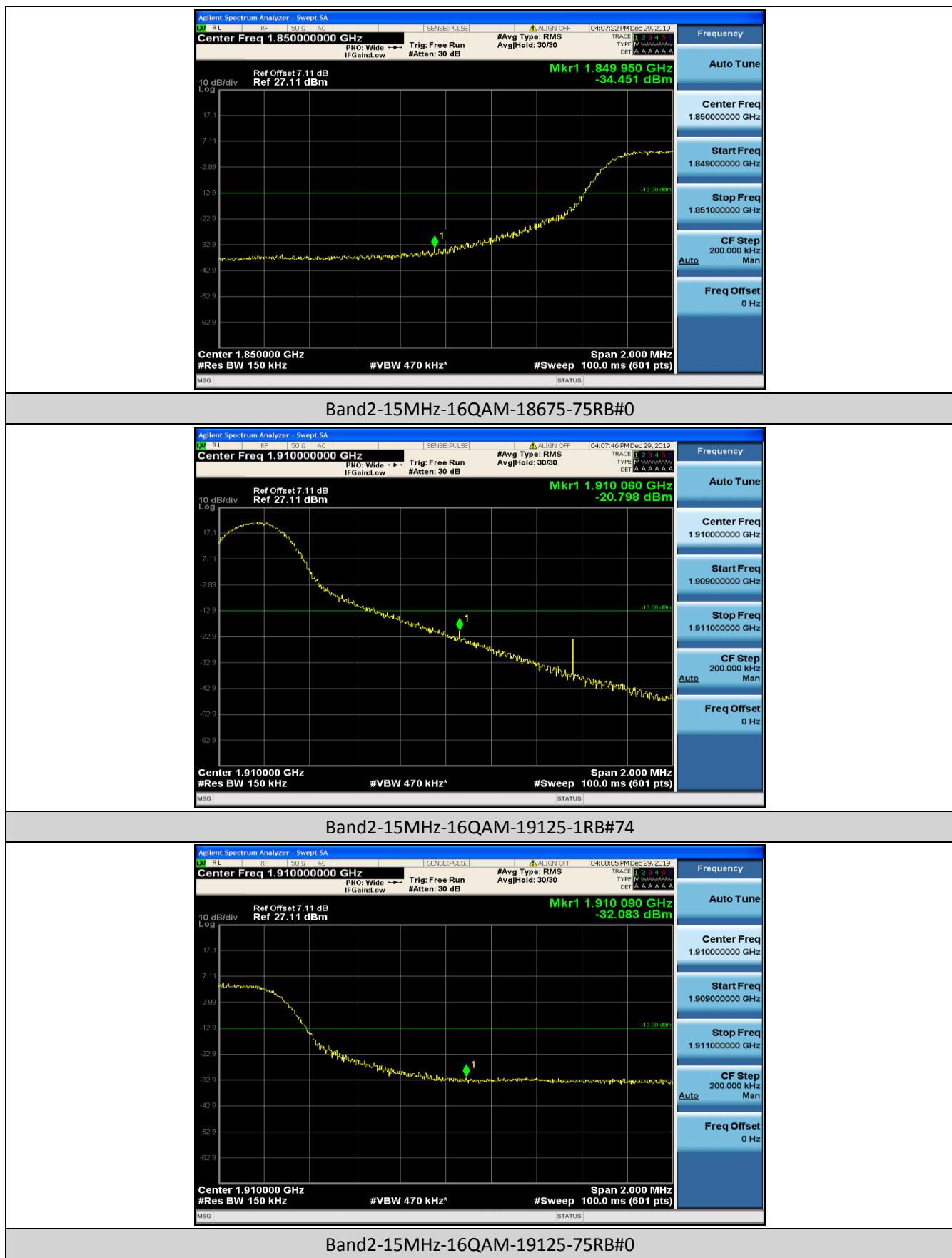


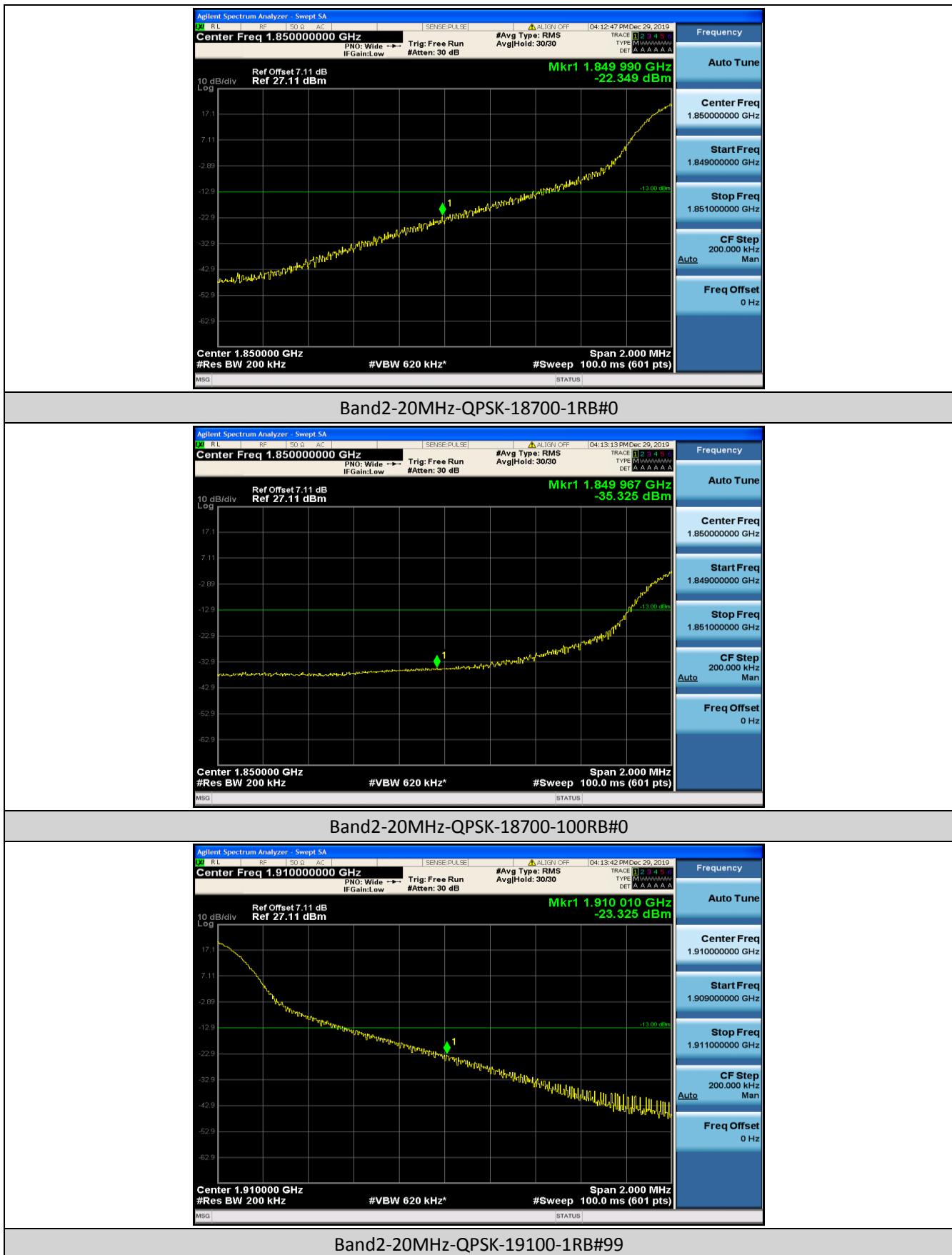
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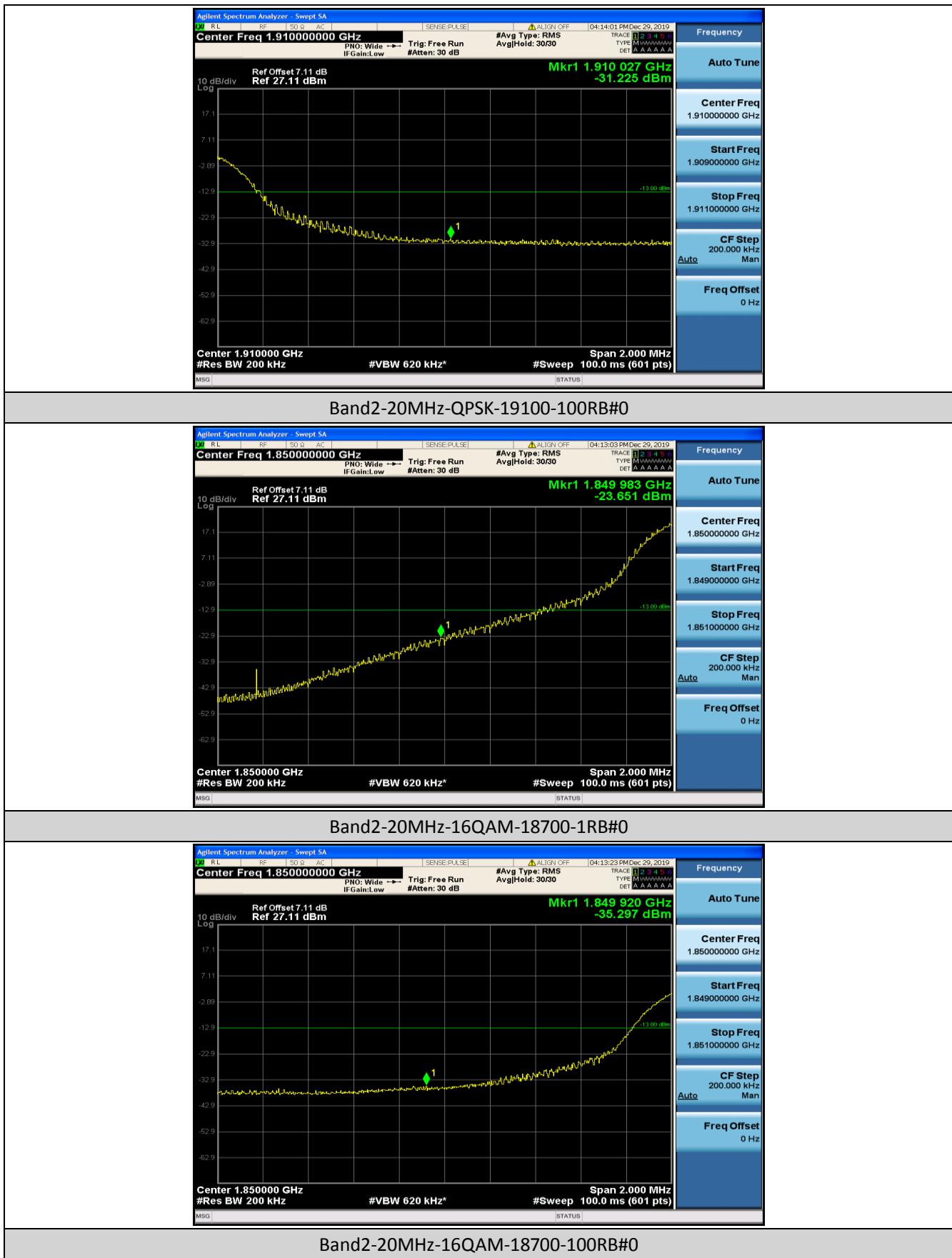


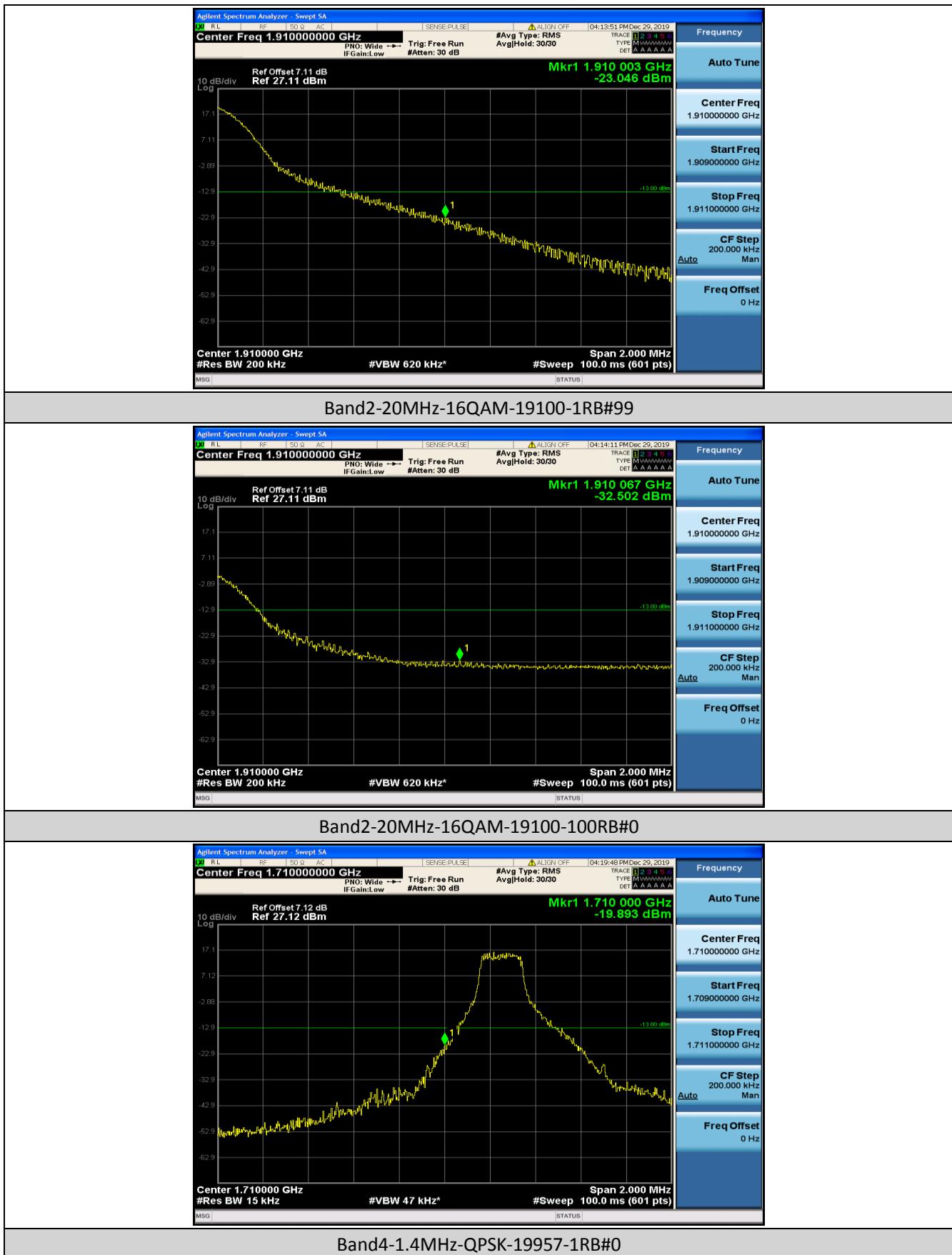
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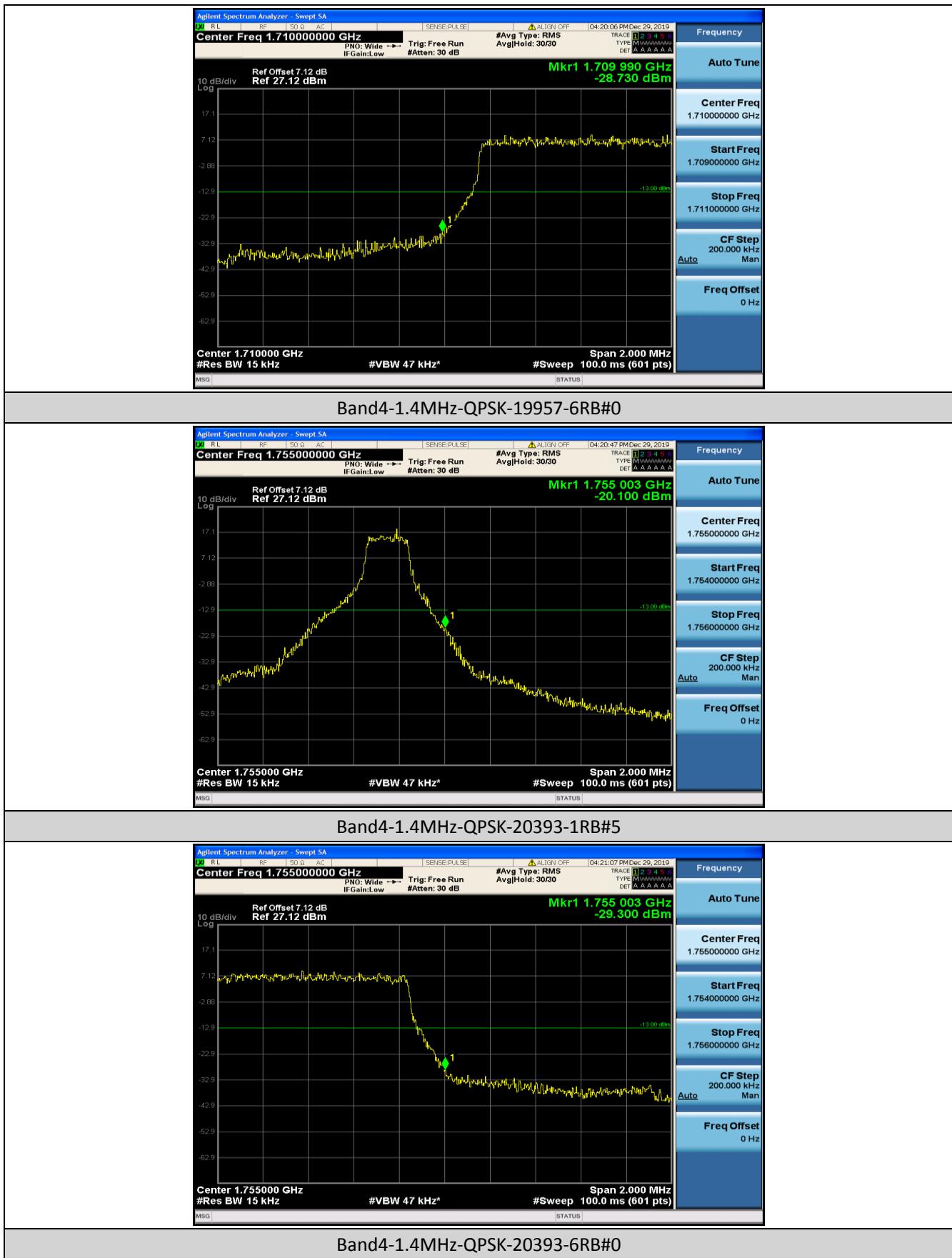


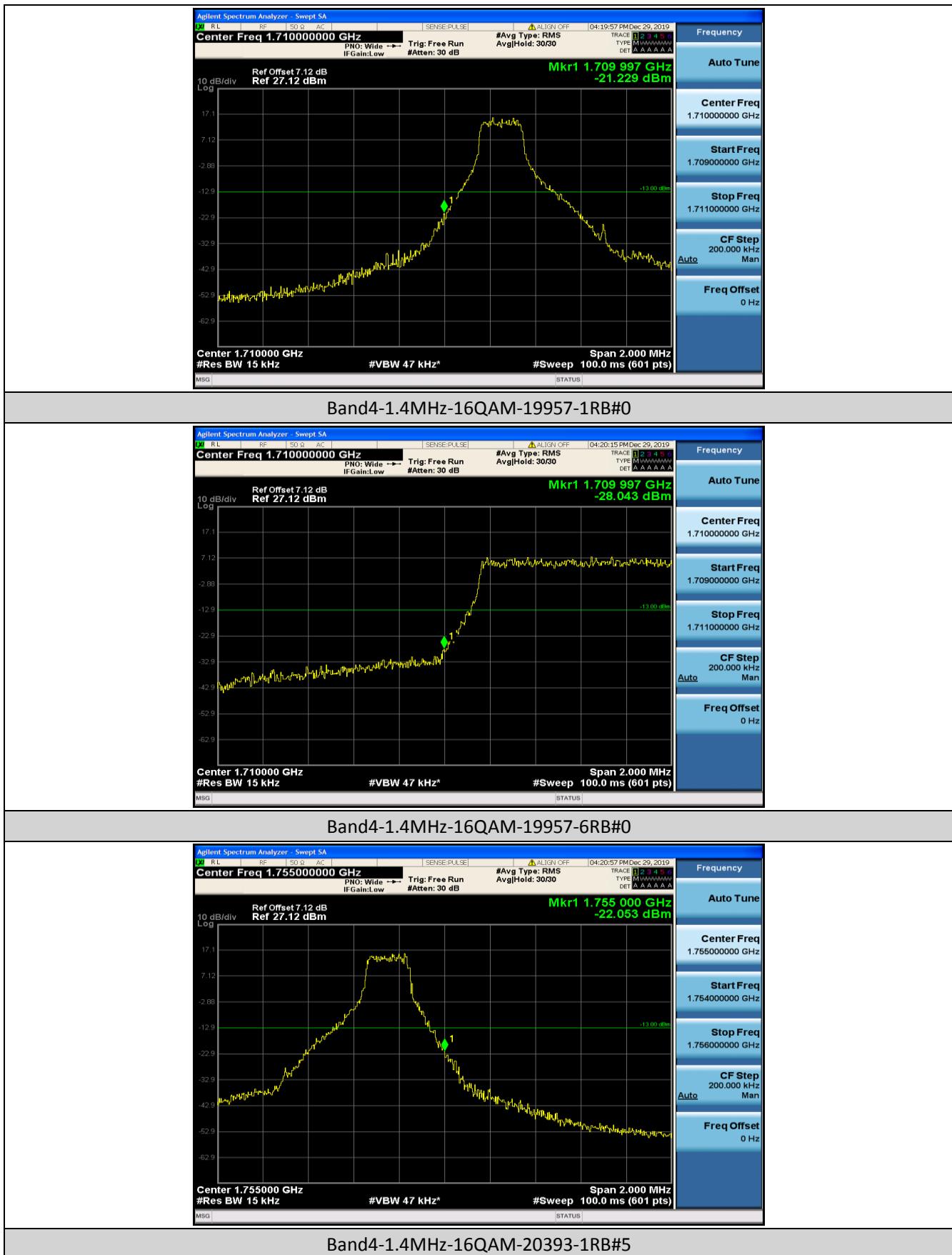














## Band4-1.4MHz-16QAM-20393-6RB#0



## Band4-3MHz-QPSK-19965-1RB#0



## Band4-3MHz-QPSK-19965-15RB#0

