



8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.106	1.288	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.102	1.288	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.102	1.288	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.098	1.308	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.098	1.313	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.098	1.313	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.679	2.967	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.696	2.942	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.696	2.950	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.679	2.942	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.687	2.967	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.679	2.942	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.505	5.030	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.505	5.050	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.515	5.050	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.525	5.070	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.525	5.040	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.505	5.000	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.952	9.767	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.918	9.767	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.918	9.833	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.952	9.767	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.918	9.800	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.918	9.667	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.418	14.840	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.418	14.980	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.418	14.887	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.464	14.887	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.418	14.840	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.464	14.840	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.91	19.680	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.79	19.260	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.85	19.320	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.91	19.440	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.85	19.500	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.91	19.500	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.106	1.283	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.106	1.283	PASS



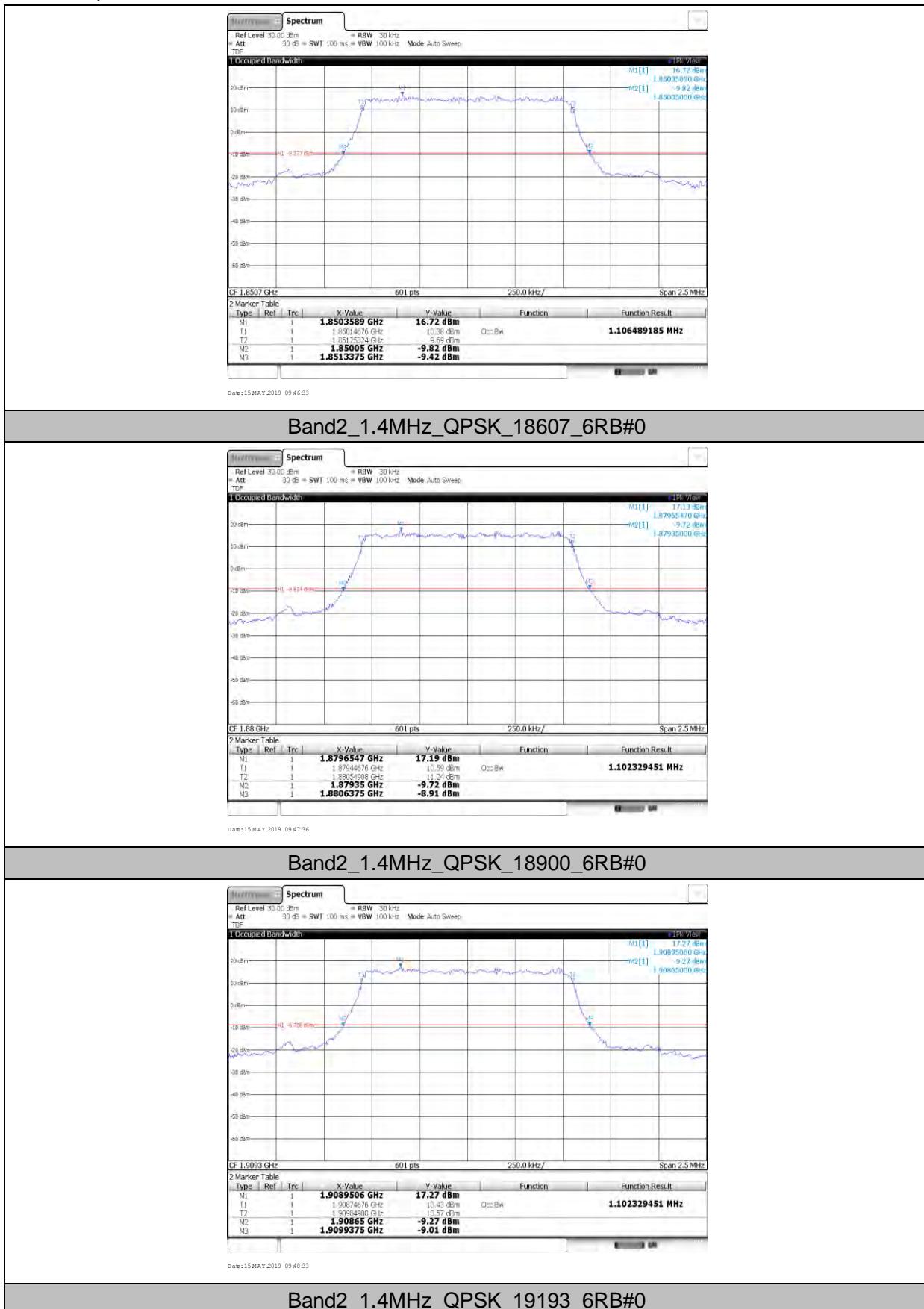
Band4	1.4MHz	QPSK	20393	6RB#0	1.102	1.283	PASS
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Band4	1.4MHz	16QAM	20175	6RB#0	1.098	1.304	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.098	1.308	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.679	2.942	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.679	2.942	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.687	2.942	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.679	2.958	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.687	2.958	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.687	2.967	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.496	5.000	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.525	5.050	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.505	5.020	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.515	5.050	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.505	5.020	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.525	5.050	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.918	9.833	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.918	9.767	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.918	9.733	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.918	9.667	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.918	9.767	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.918	9.767	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.371	14.840	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.418	14.933	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.464	14.933	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.464	14.840	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.418	14.793	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.464	14.887	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.85	19.380	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.91	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.91	19.560	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.85	19.560	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.85	19.440	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.85	19.380	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.515	5.050	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.496	5.020	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.515	5.060	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.505	5.010	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.515	5.080	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.496	5.020	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.952	9.700	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.918	9.767	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.918	9.800	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.952	9.767	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.918	9.733	PASS

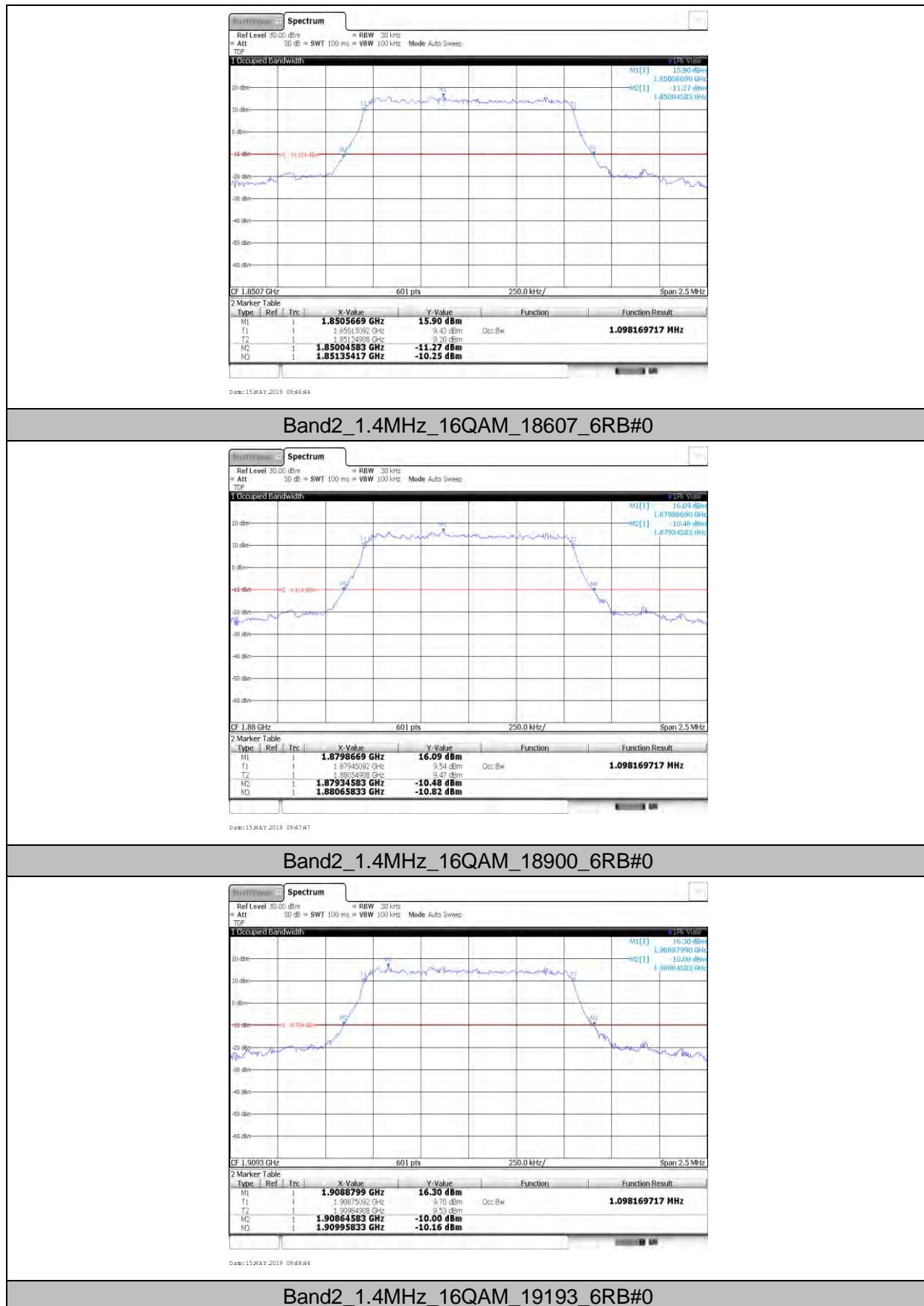


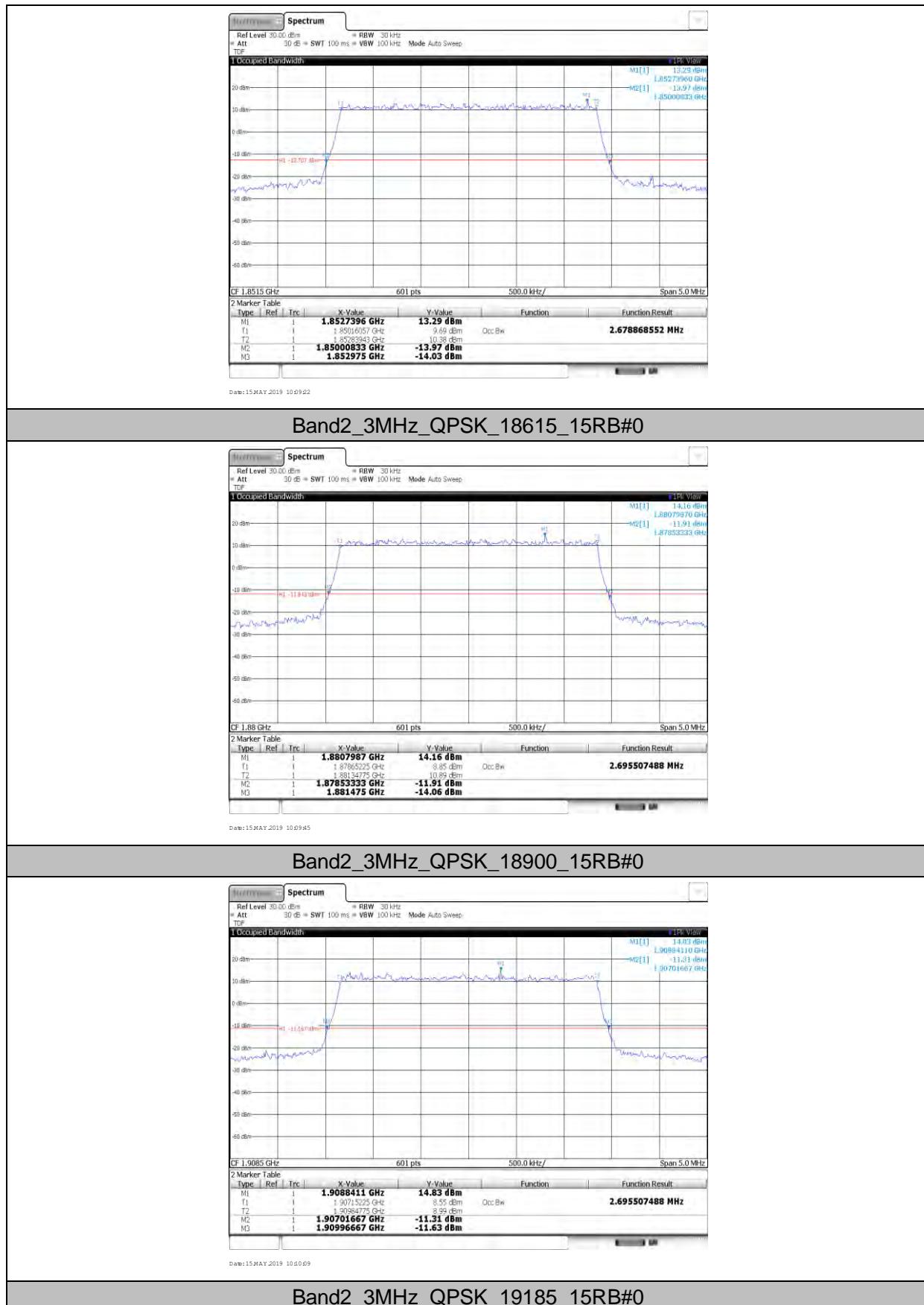
Band7	10MHz	16QAM	21400	50RB#0	8.918	9.700	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.418	14.840	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.464	14.887	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.418	14.700	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.464	14.887	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.464	14.793	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.464	14.793	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.85	19.380	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.91	19.620	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.79	19.320	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.91	19.500	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.85	19.440	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.85	19.500	PASS

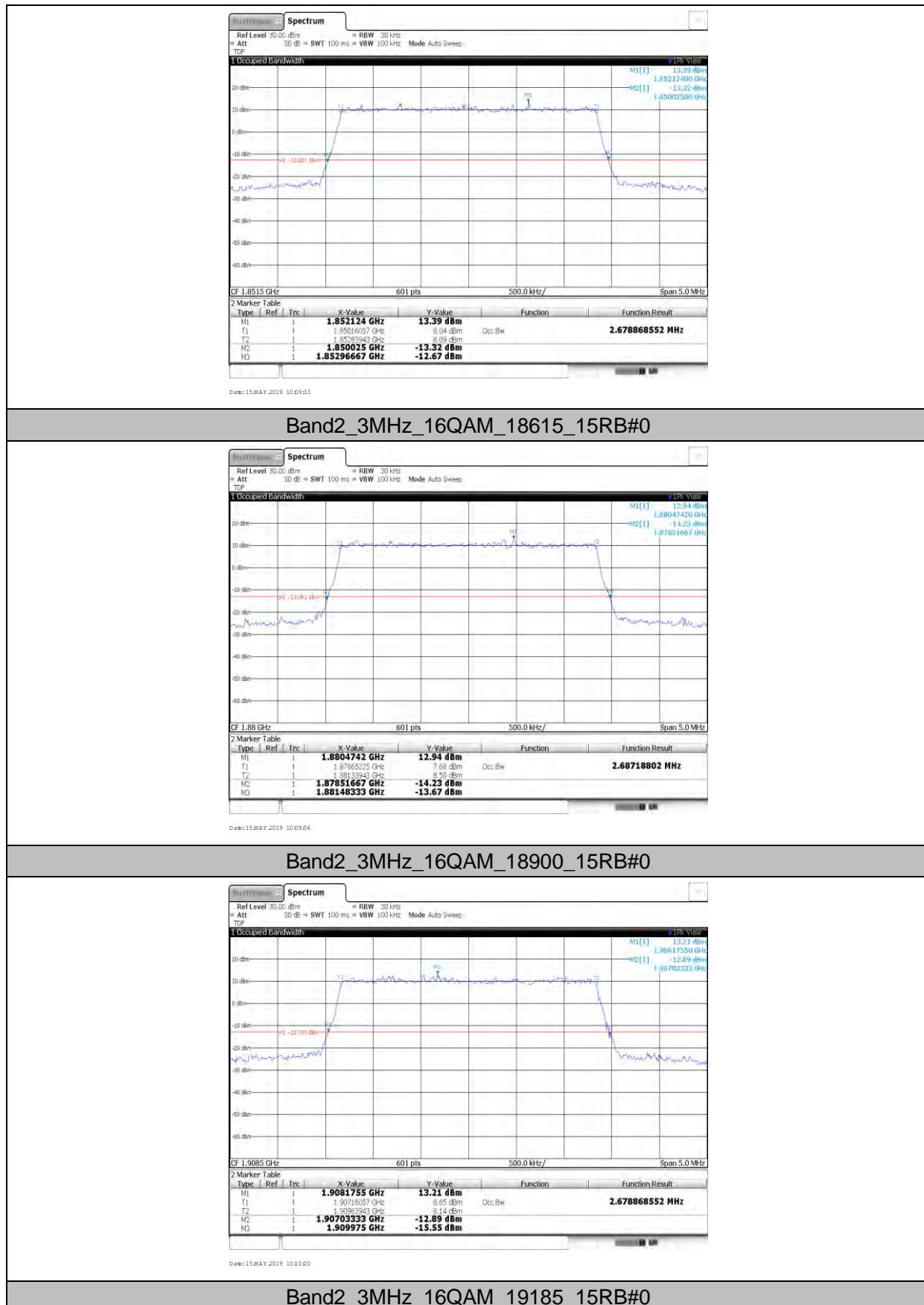


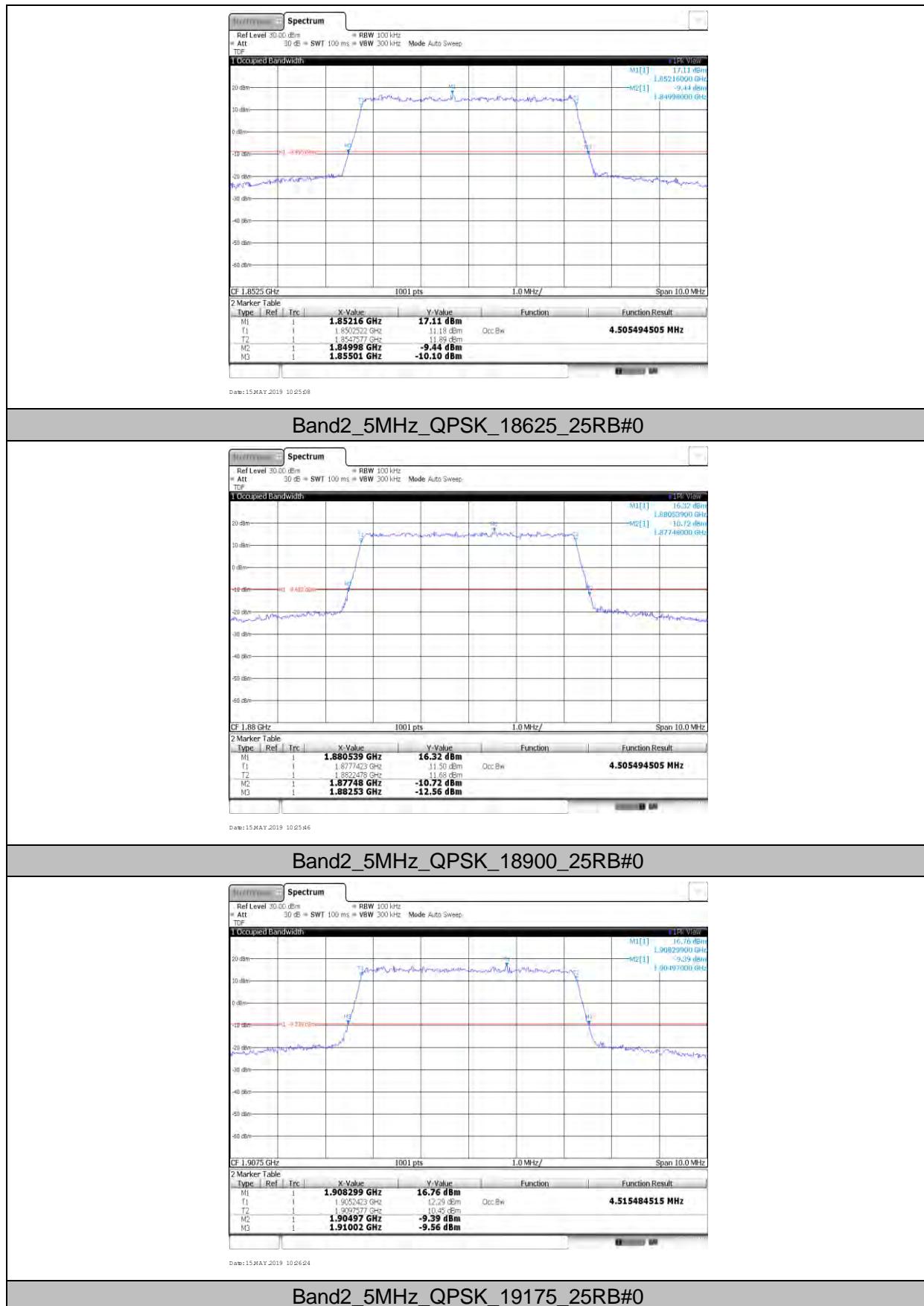
Test Graphs

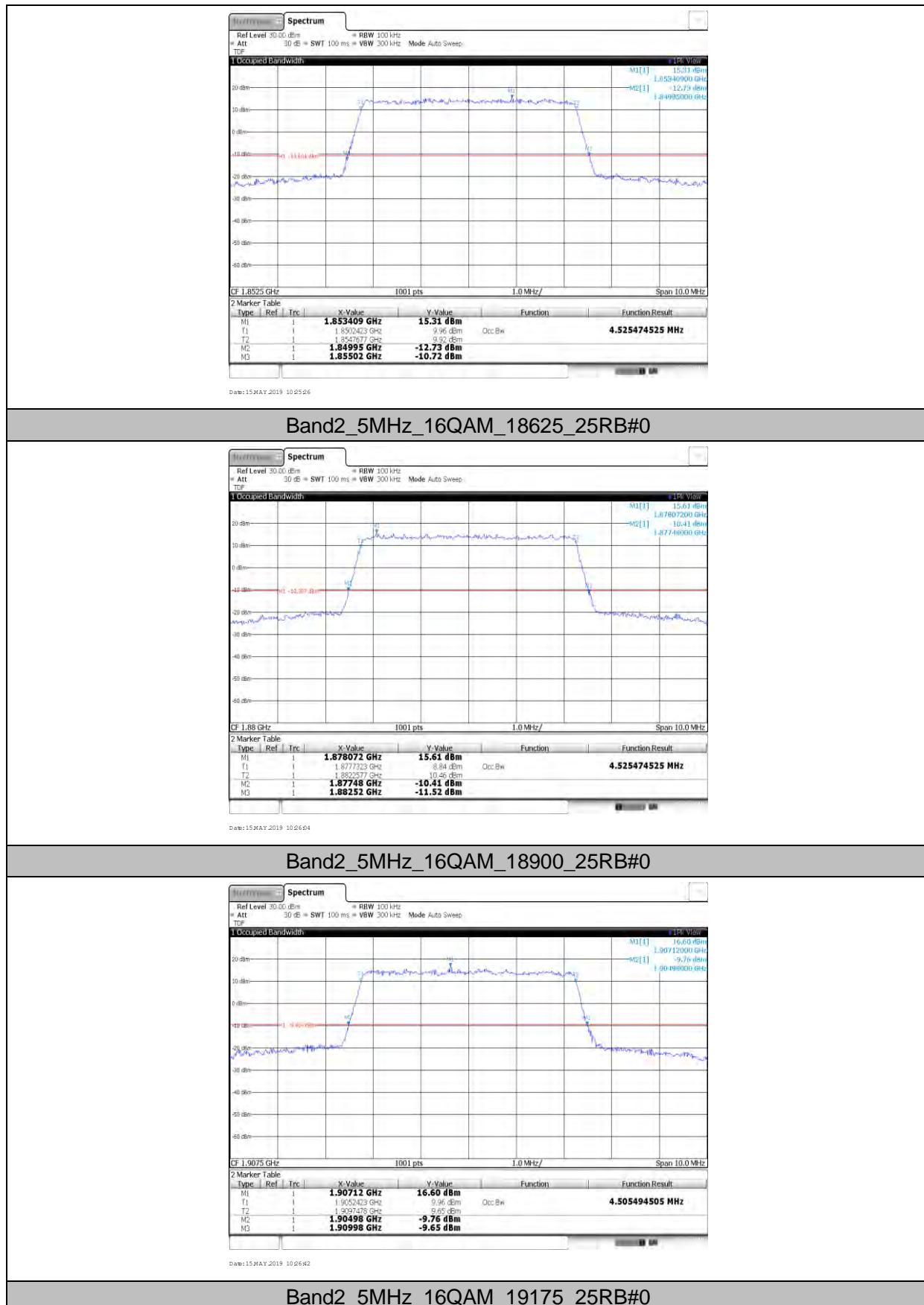




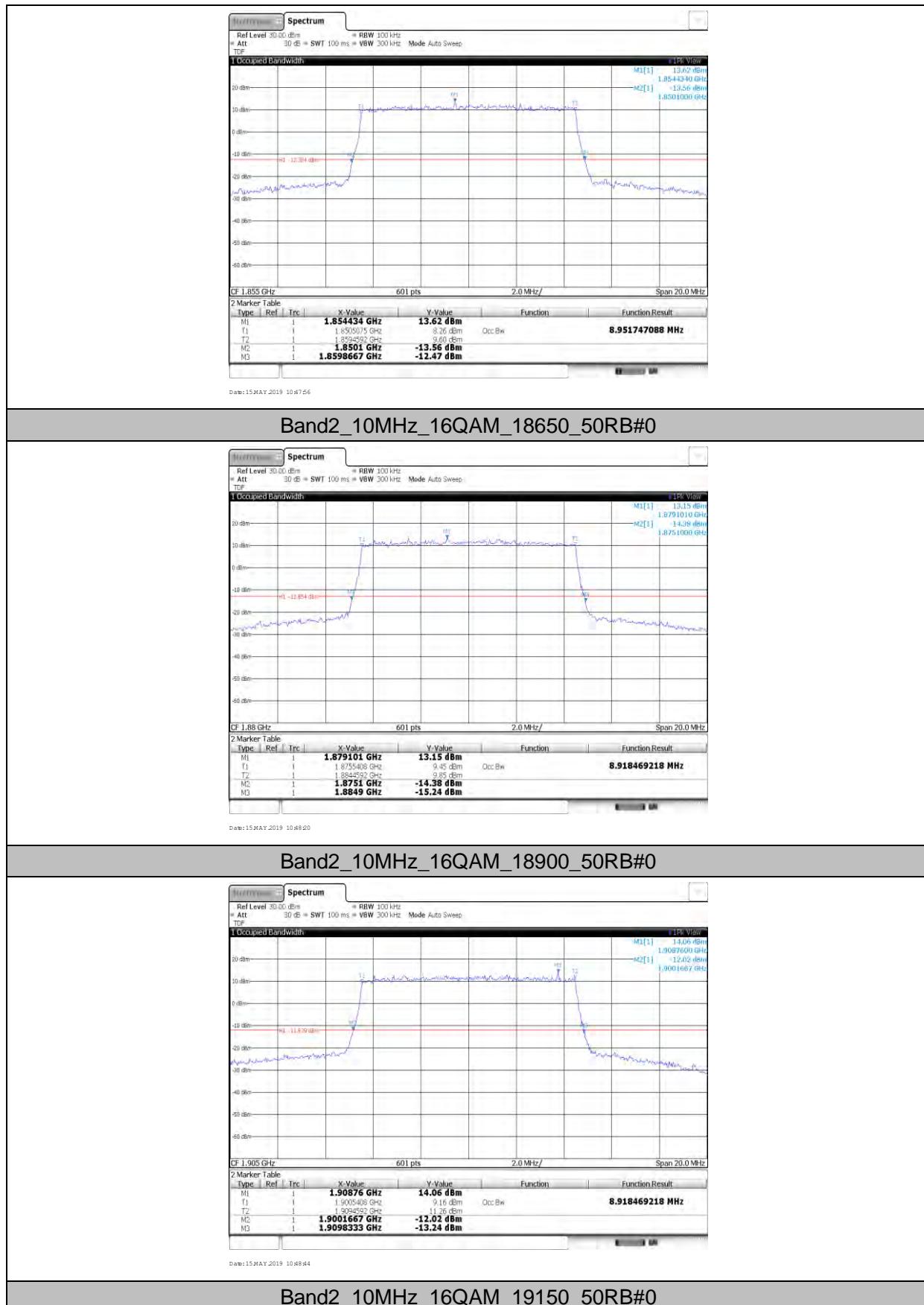


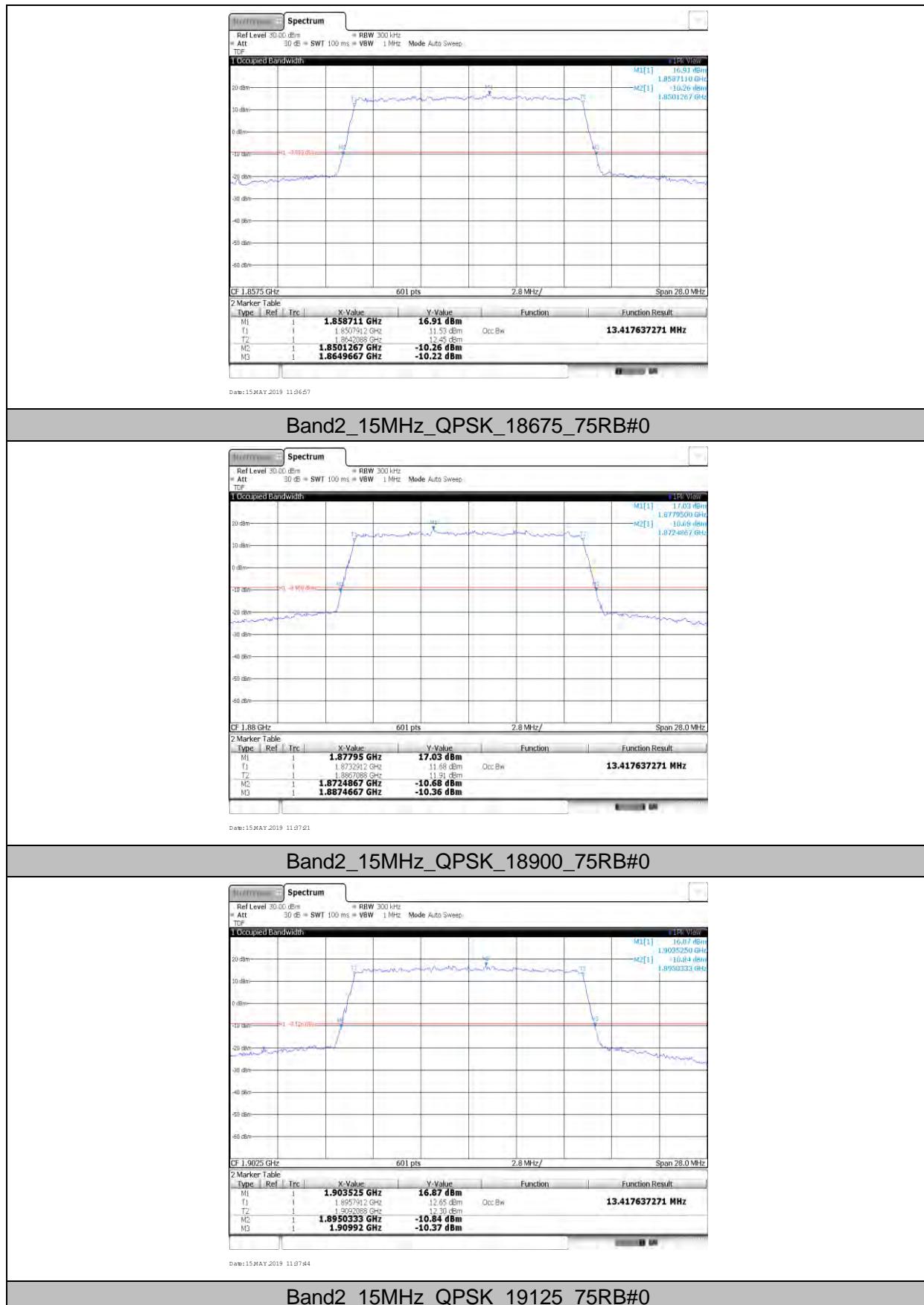


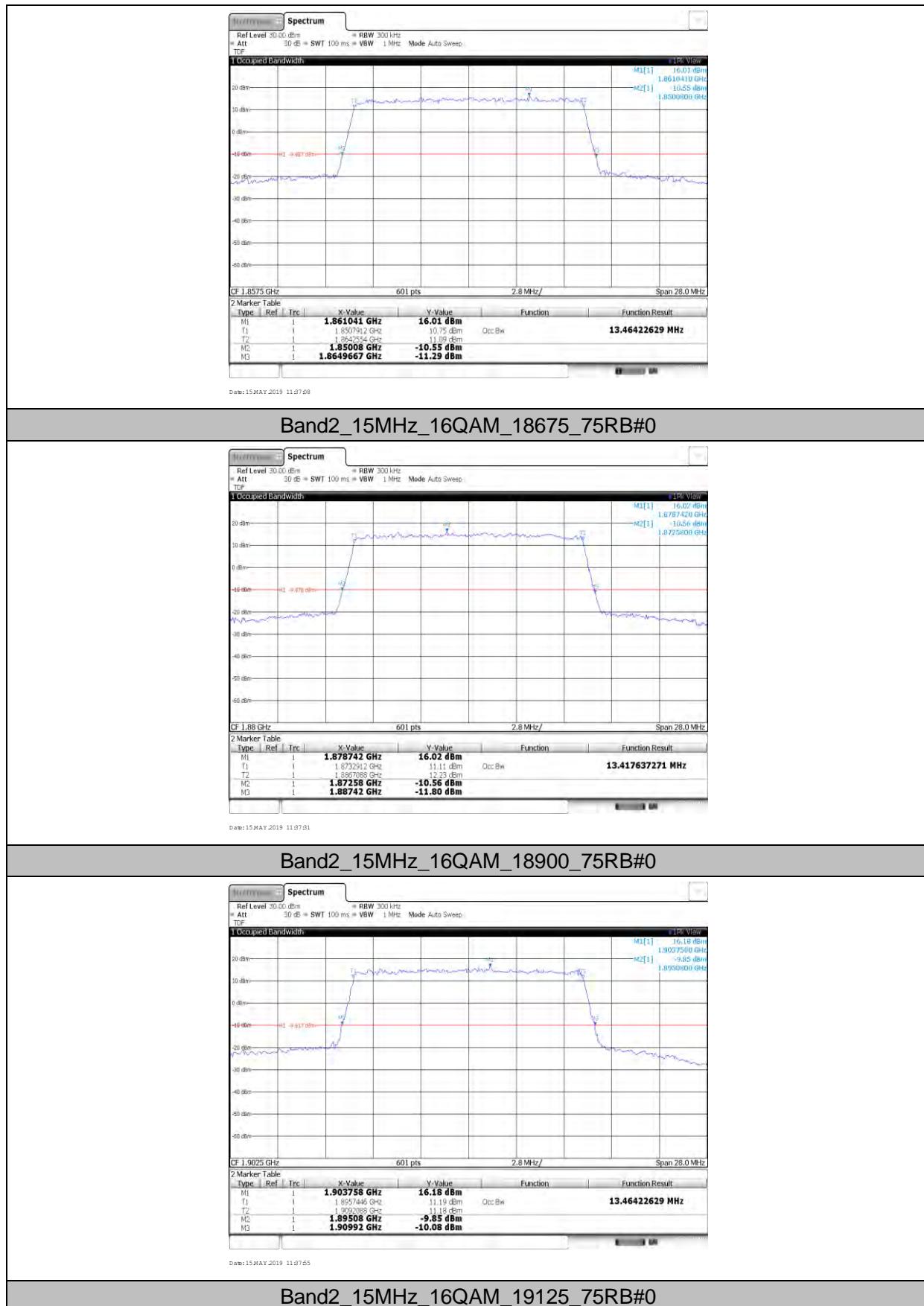


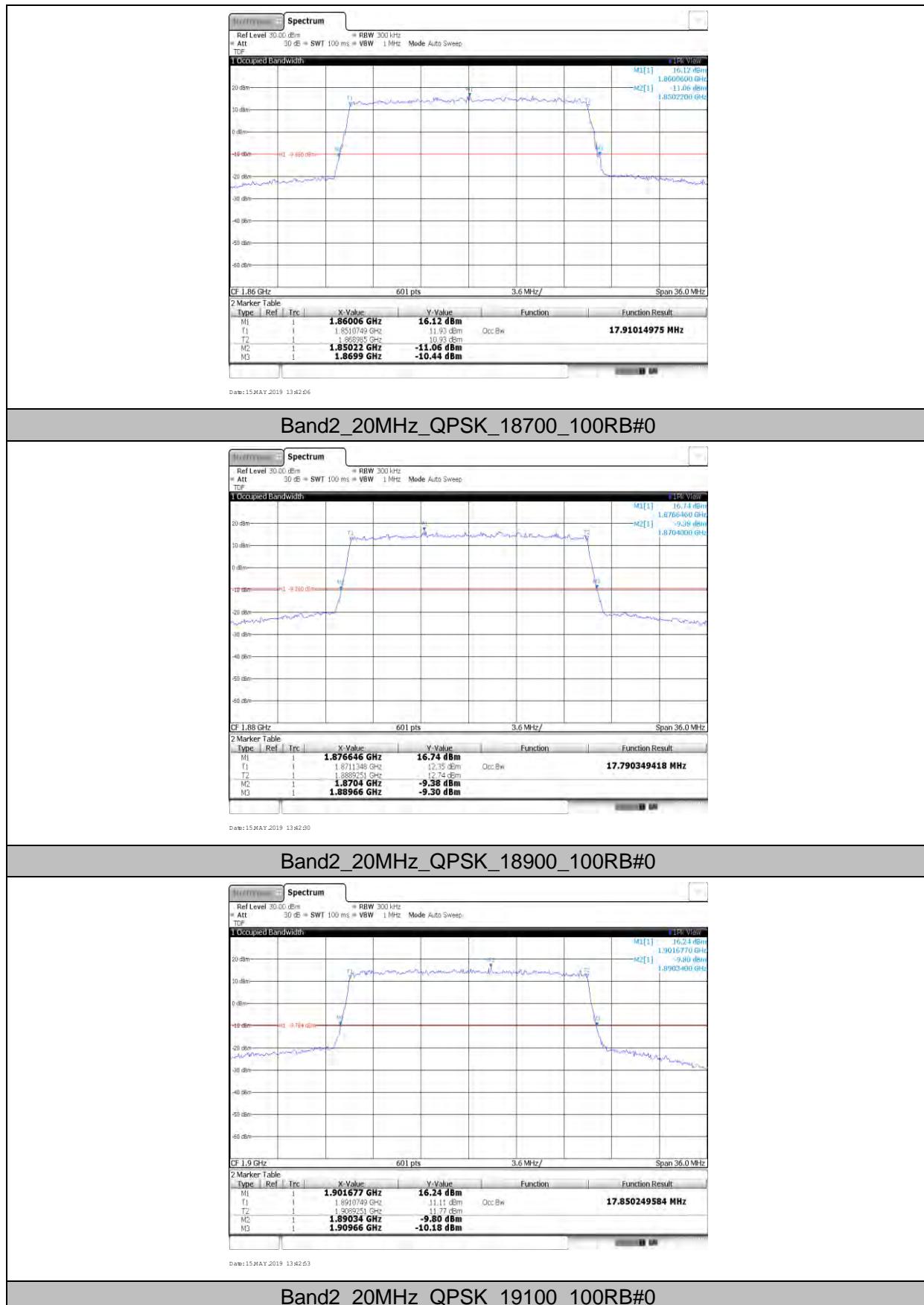


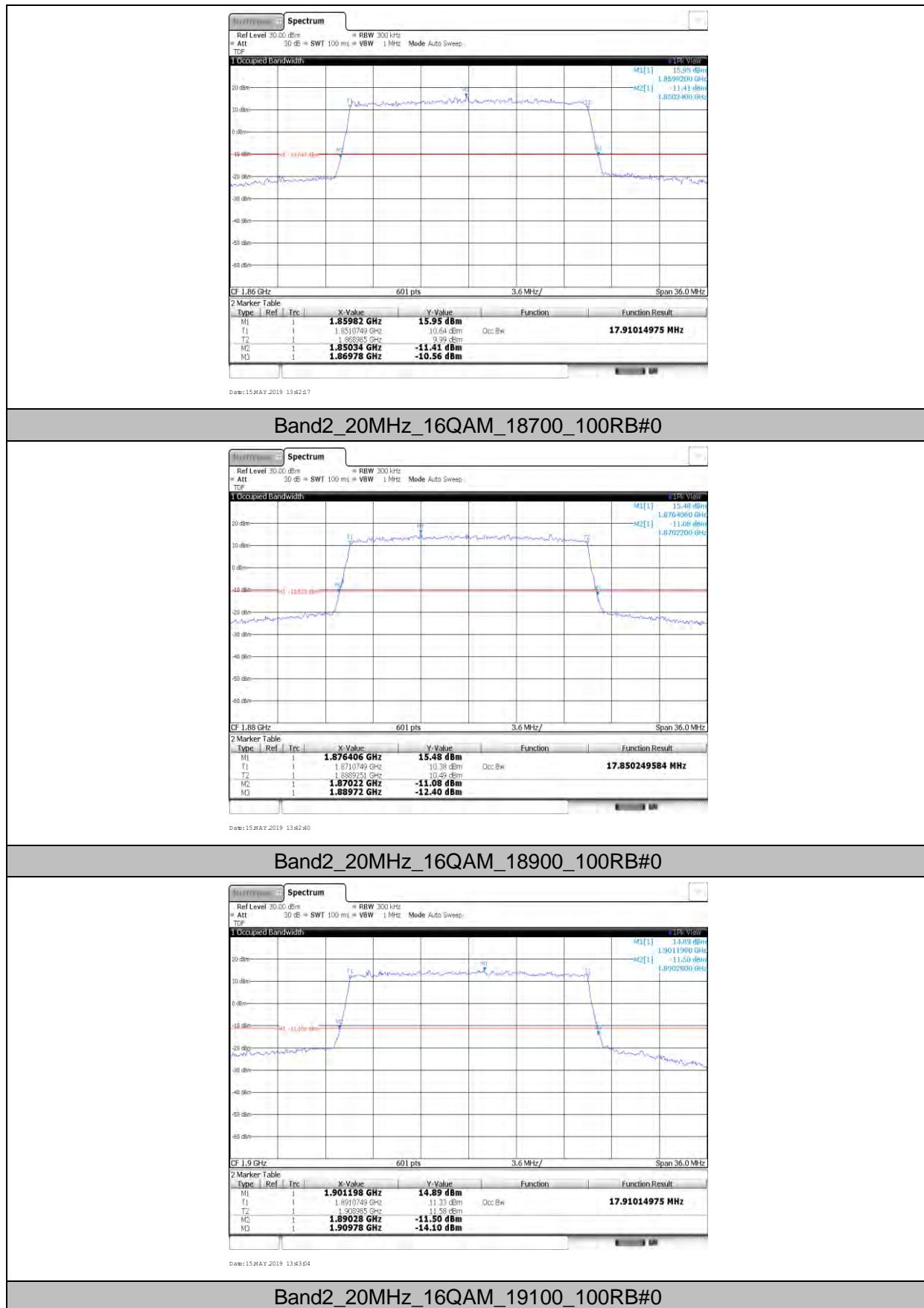


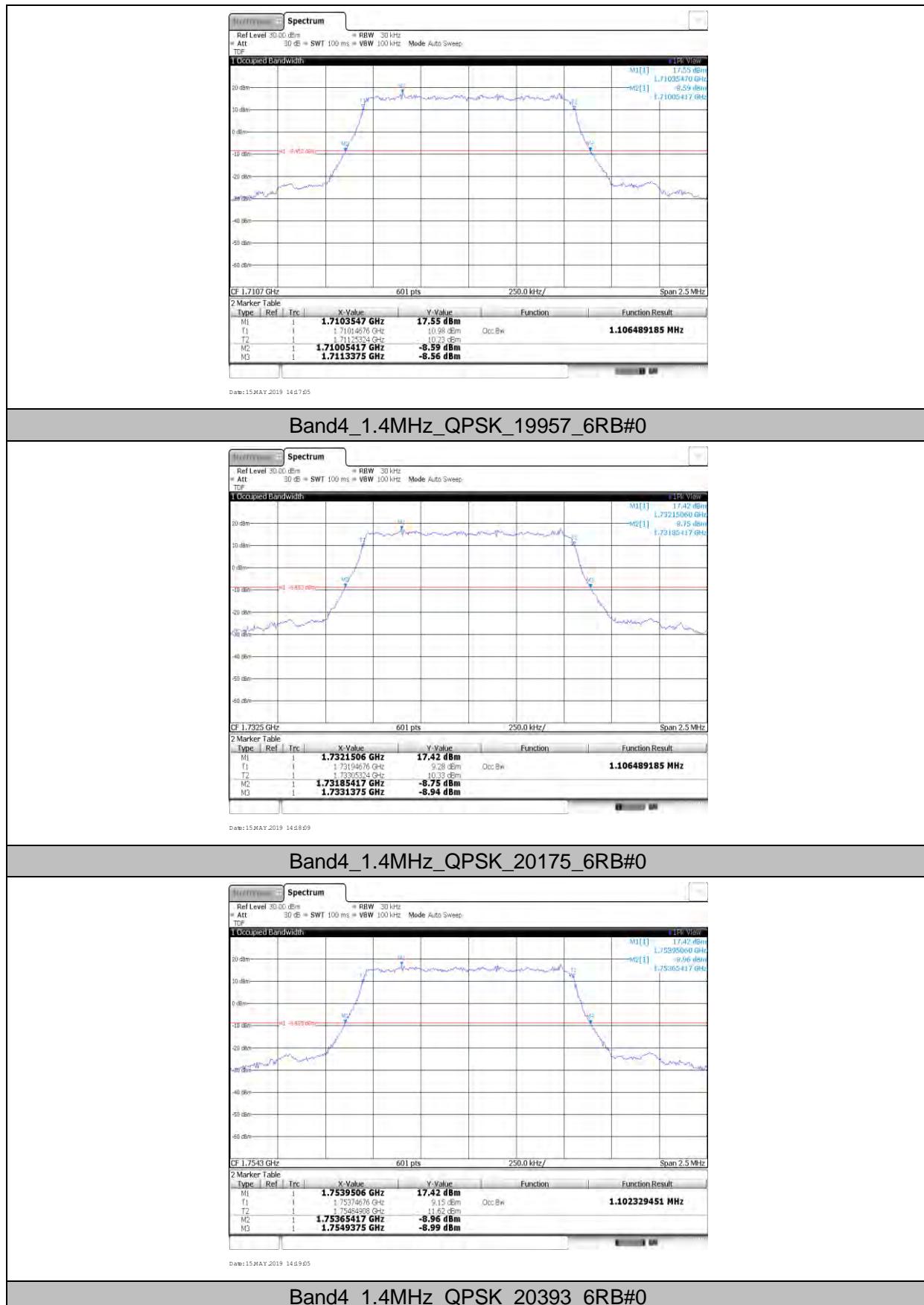


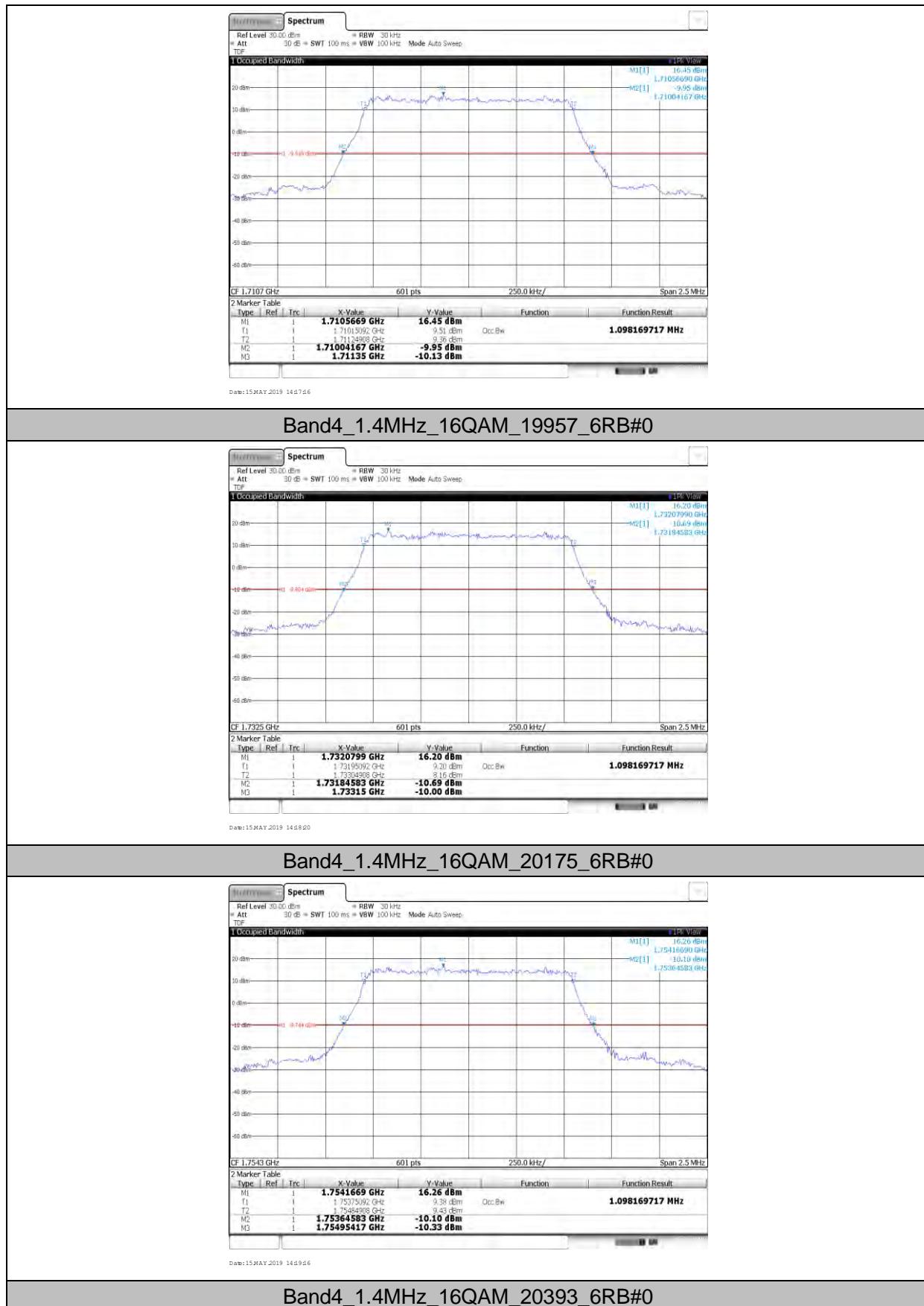


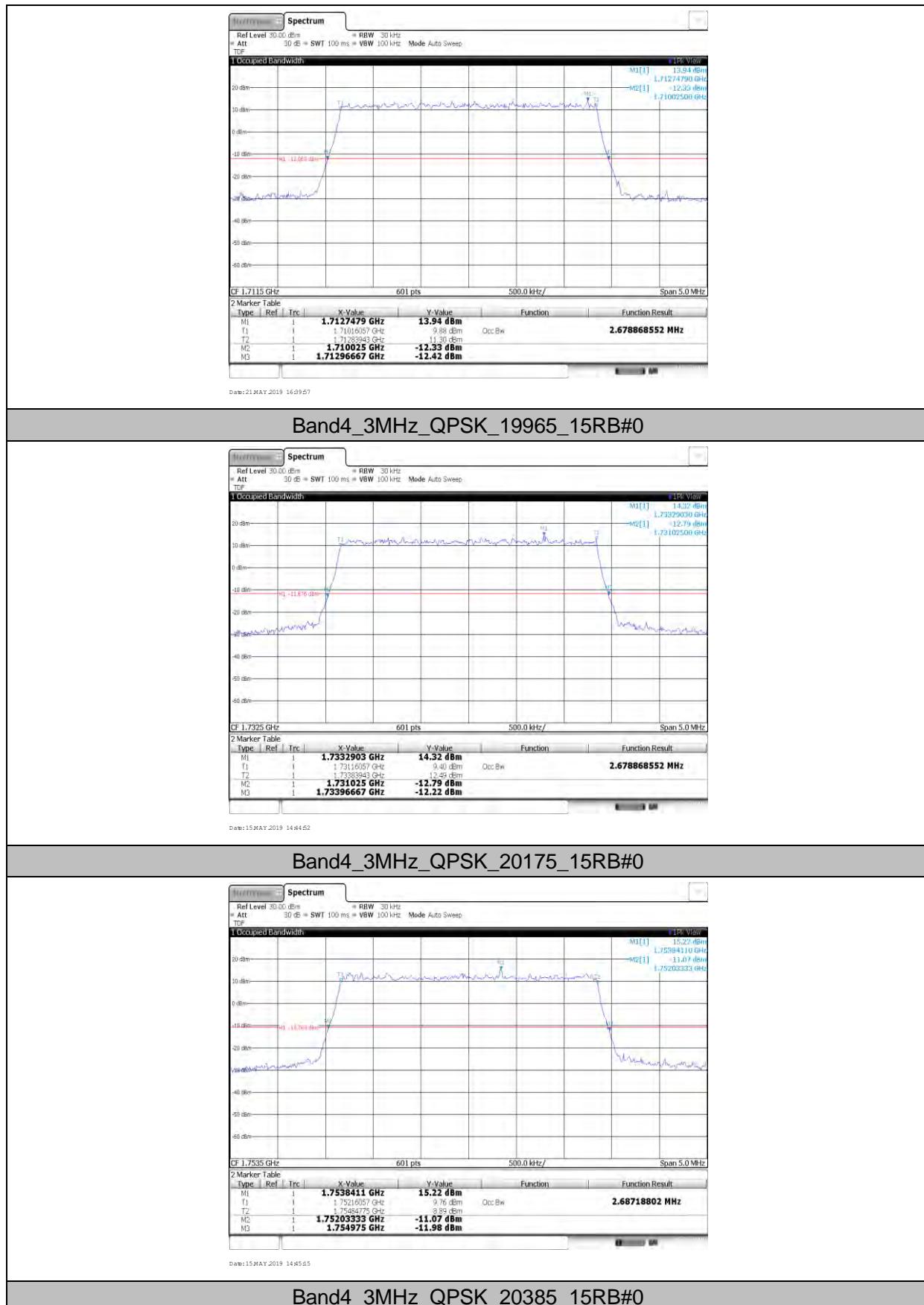


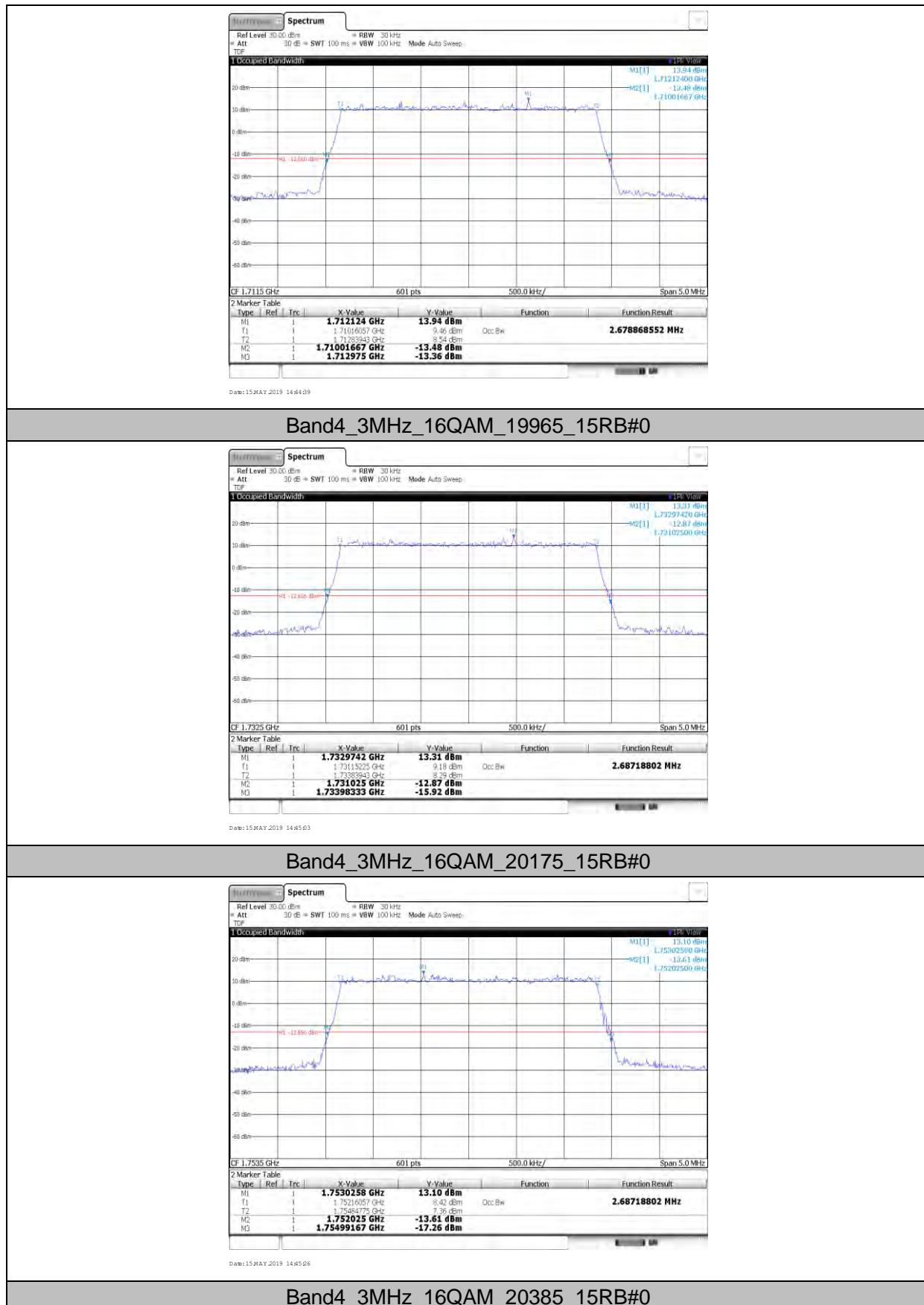


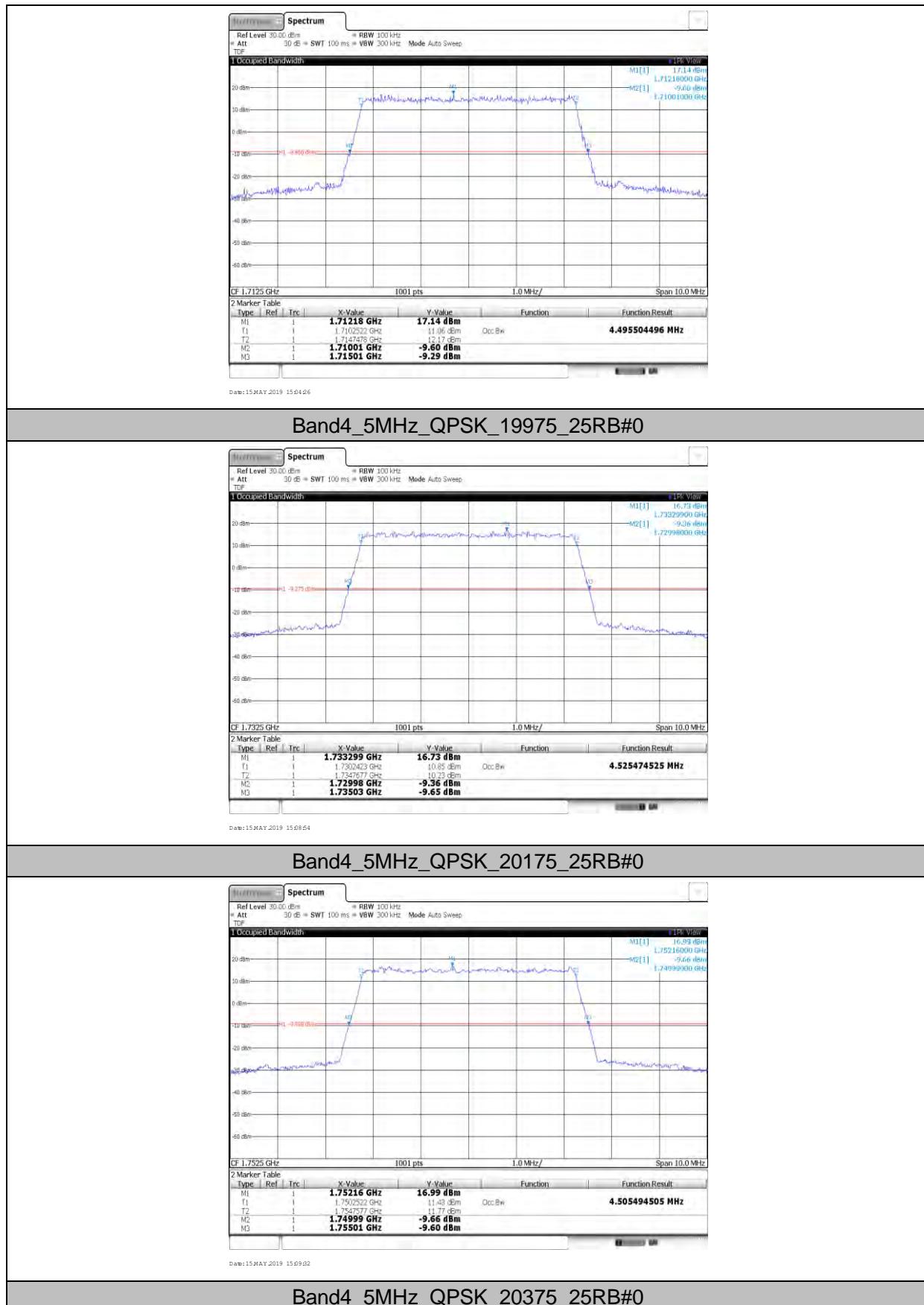


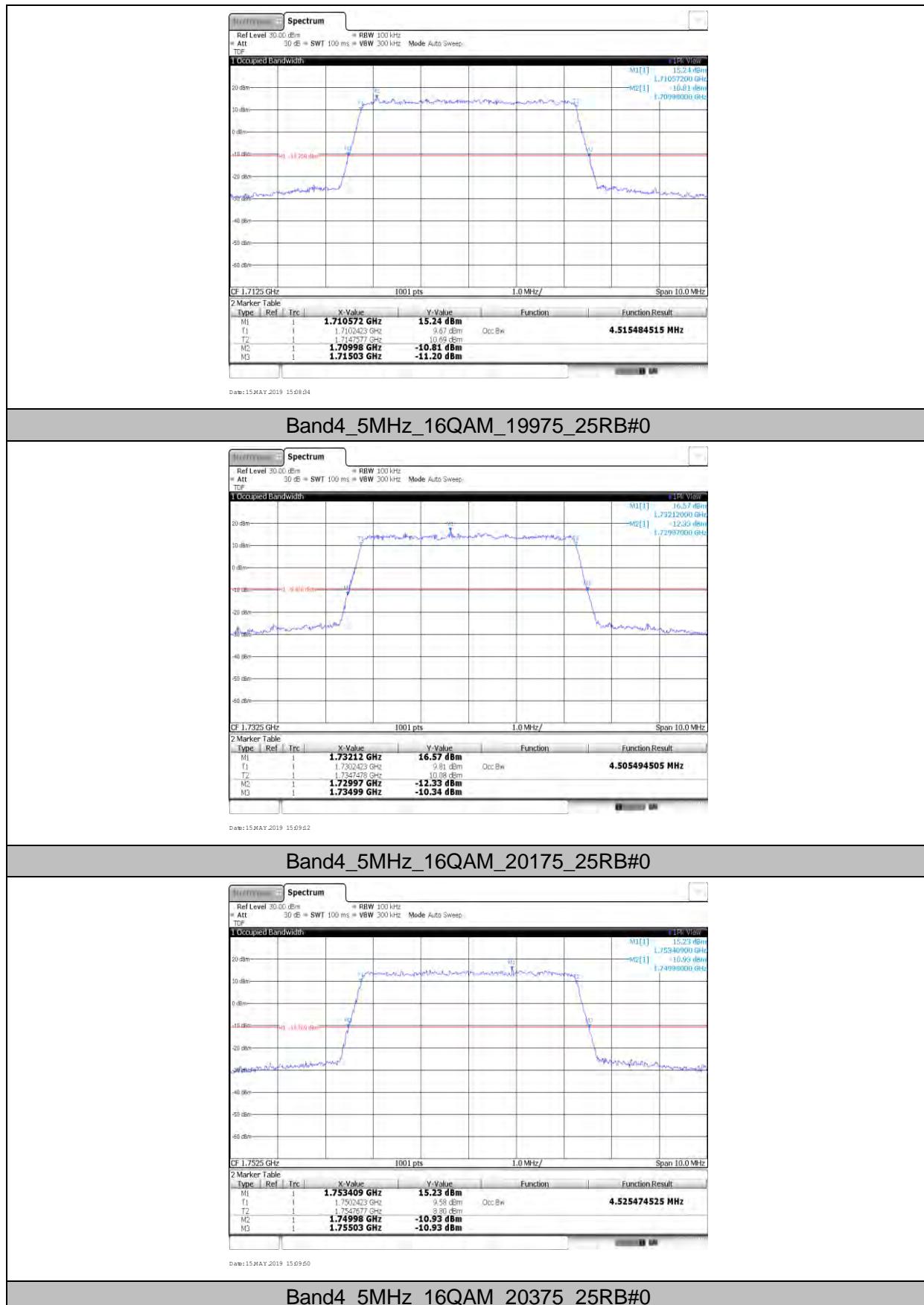


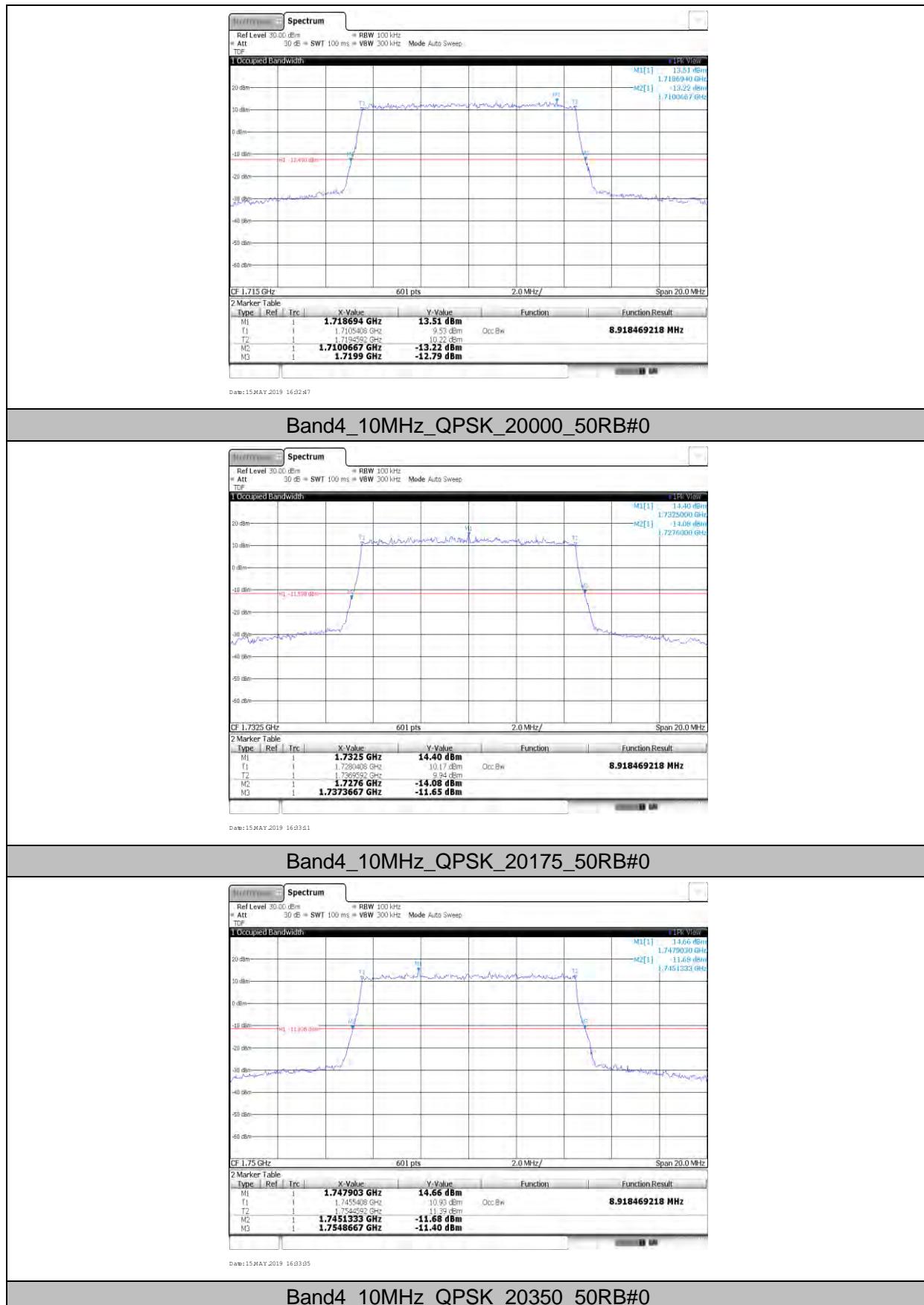


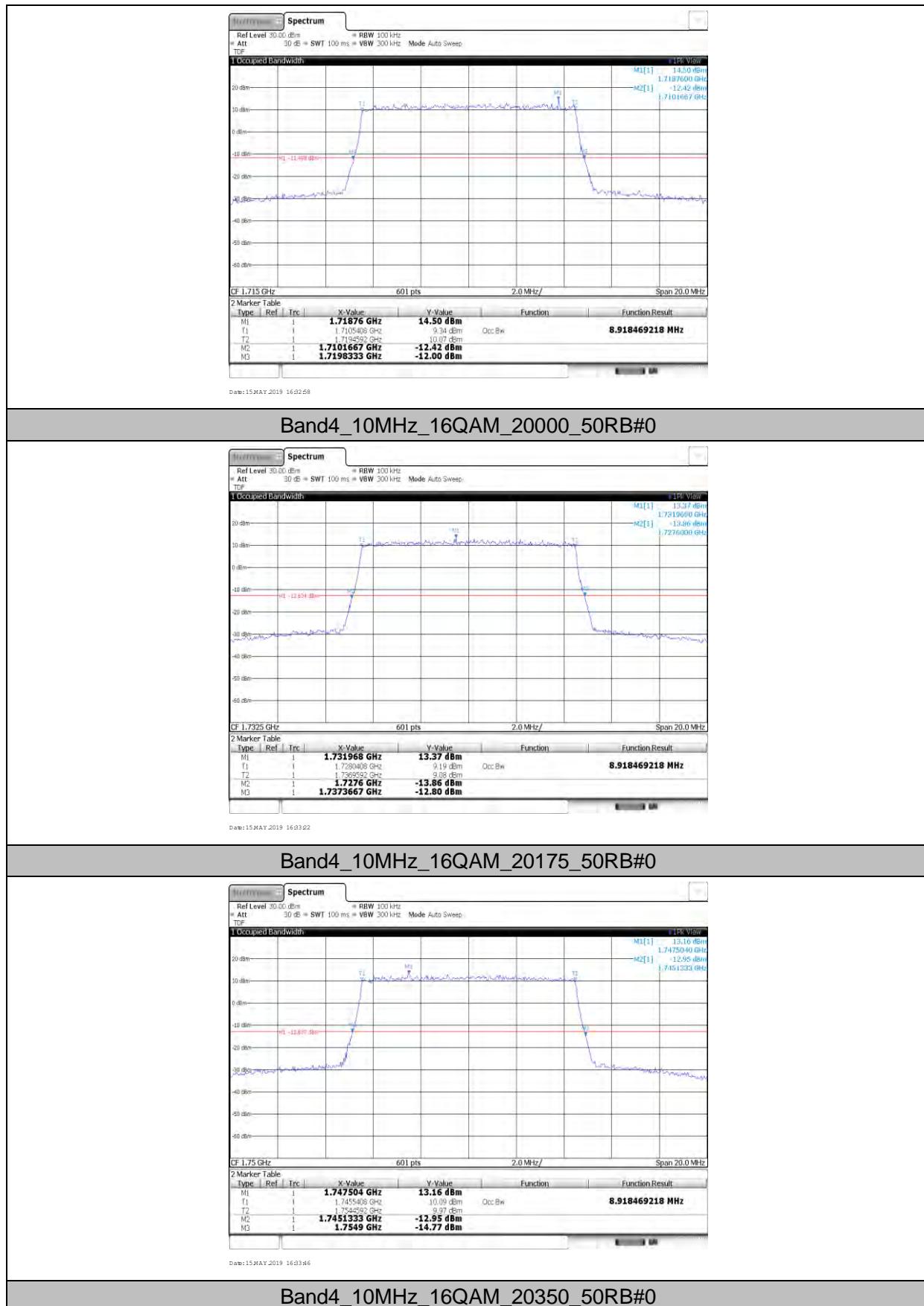




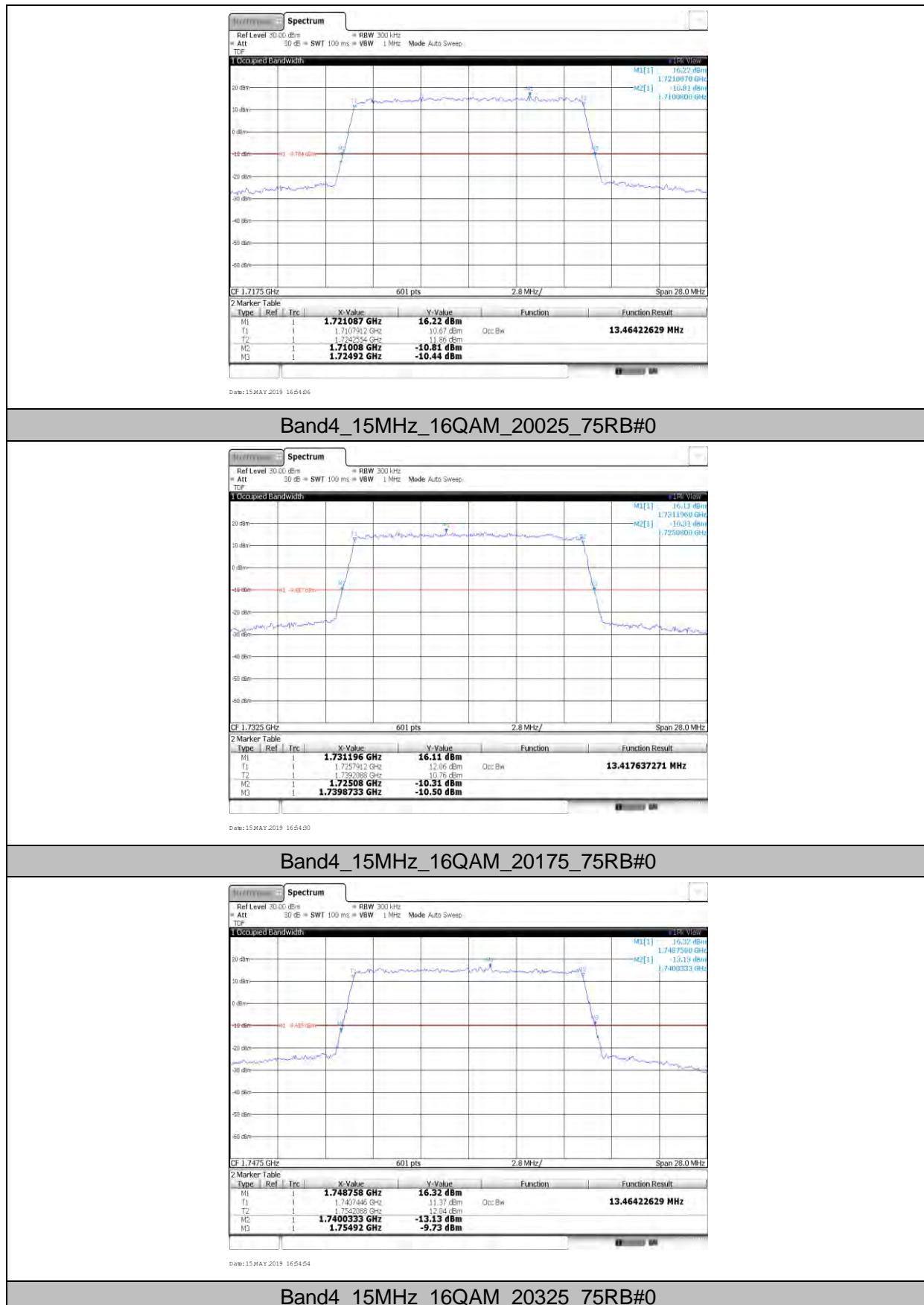


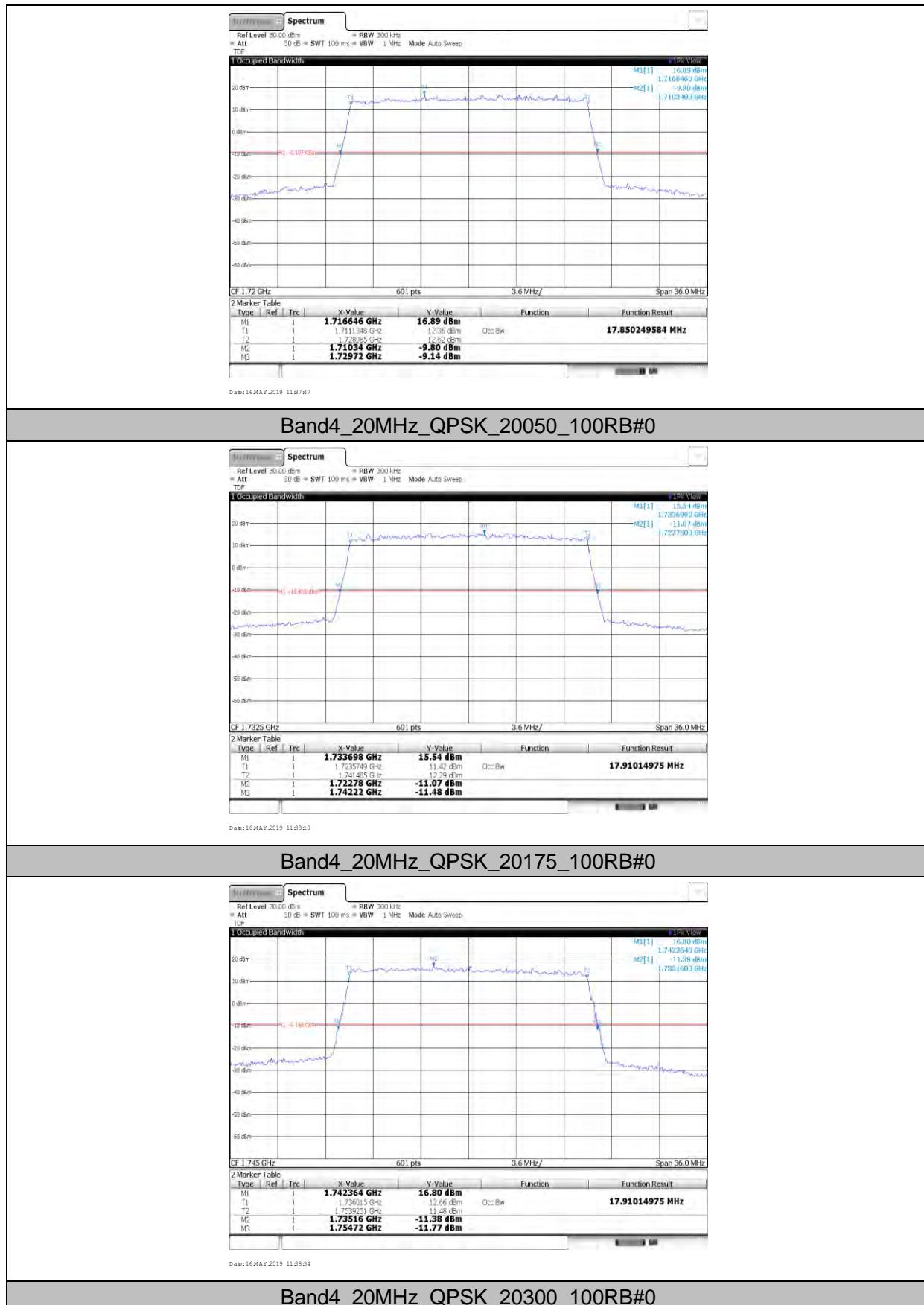


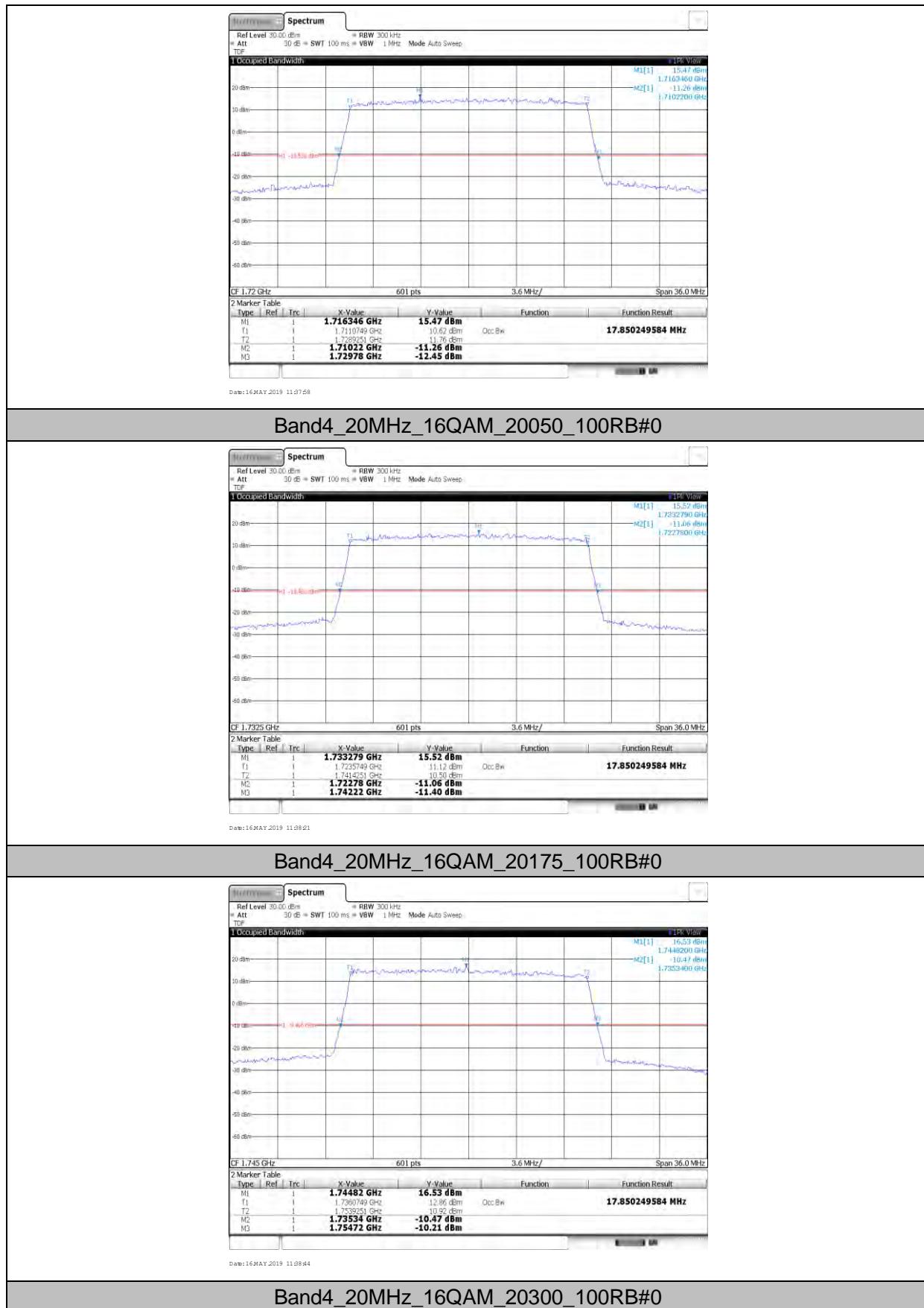


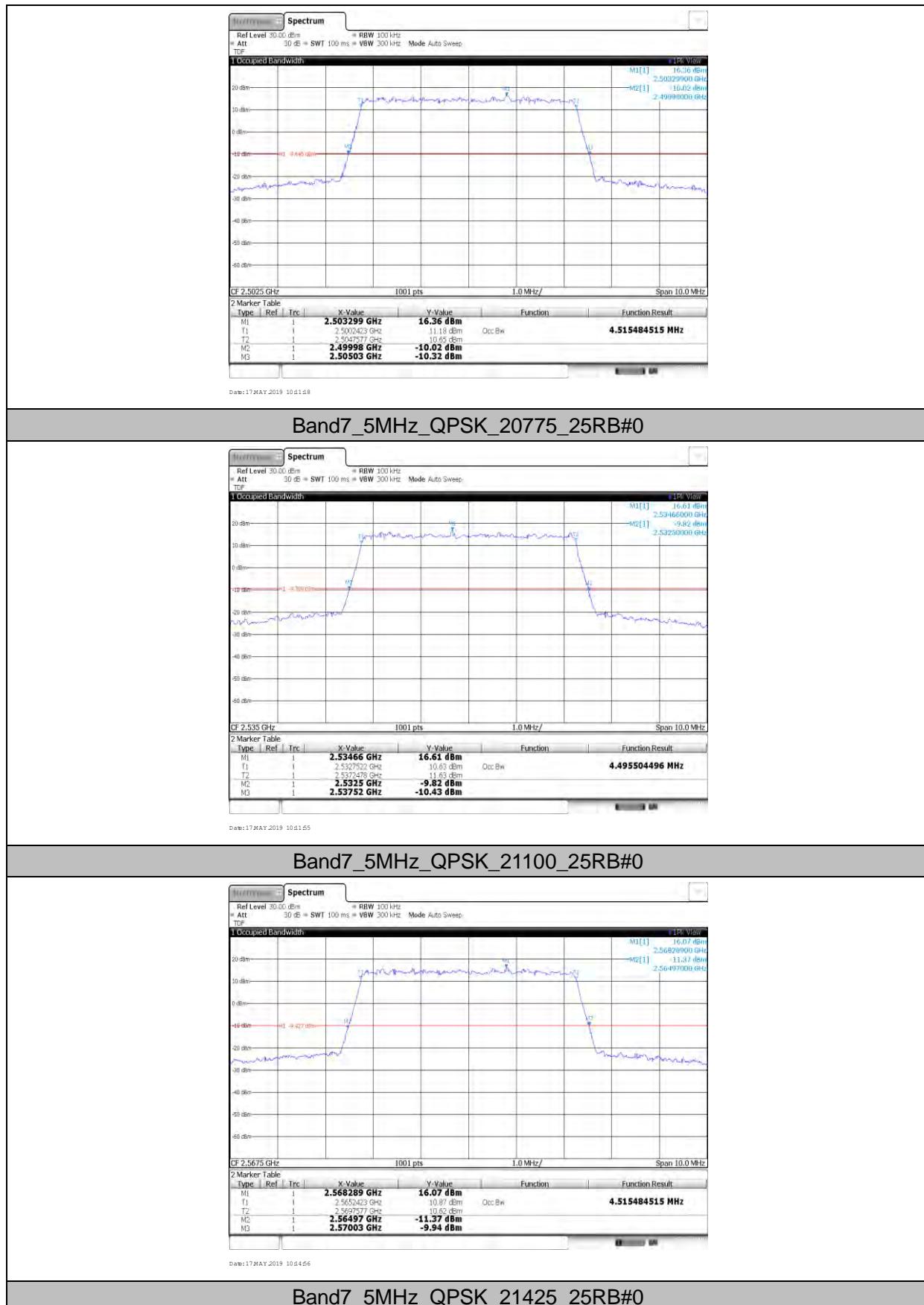


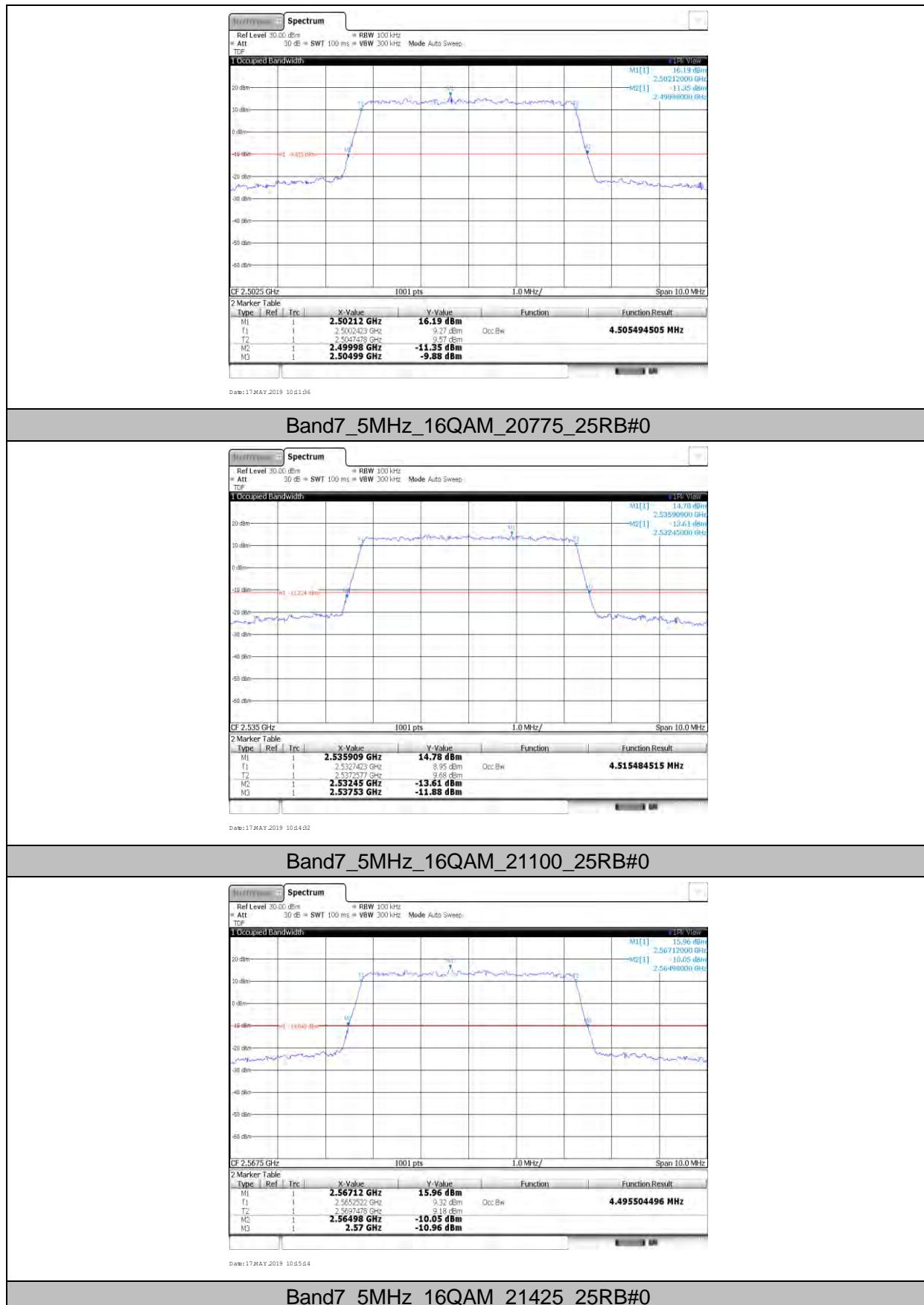


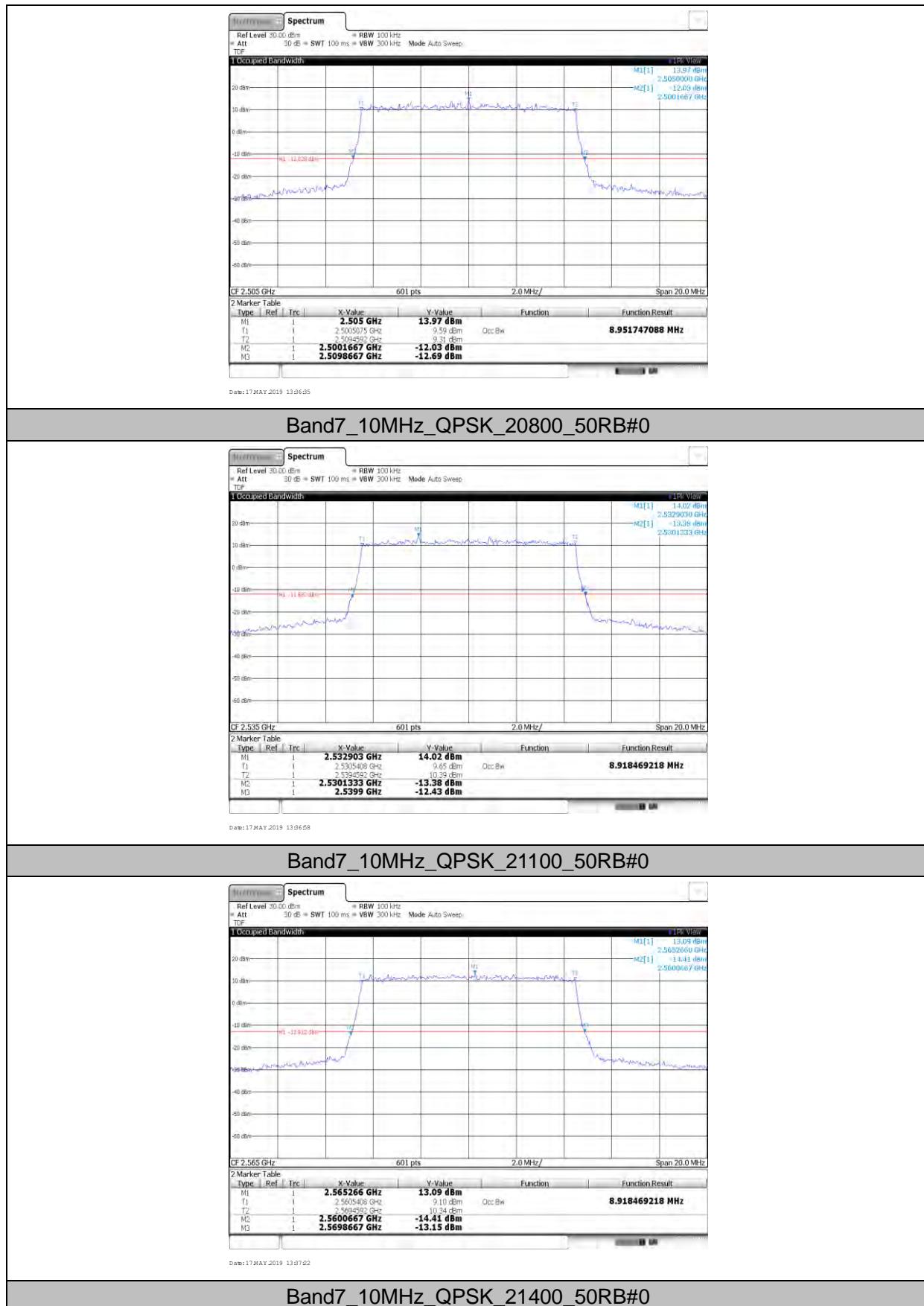


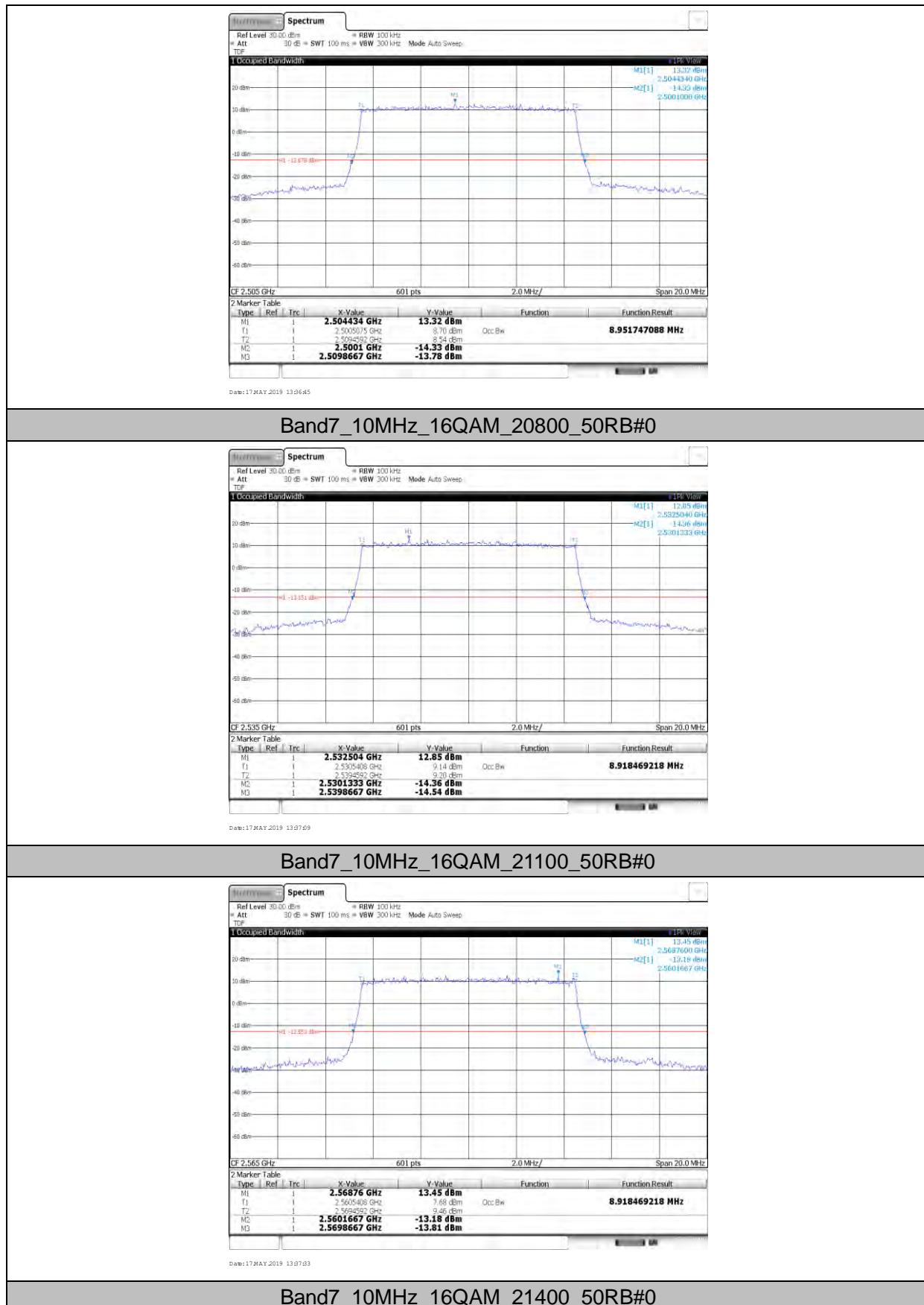


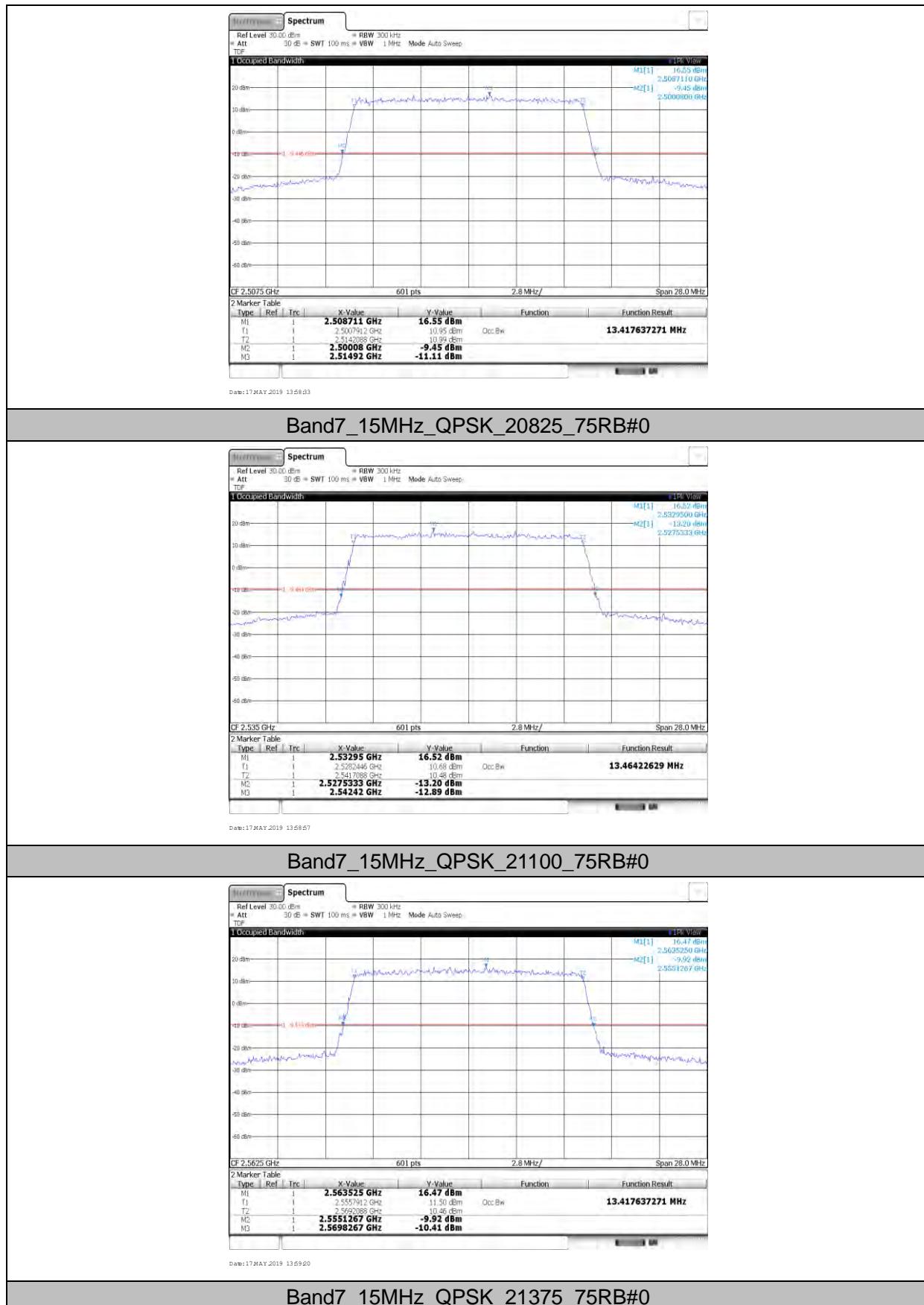




















8.4 Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-20.29	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-23.14	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-19.81	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-22.82	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-19.50	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-24.05	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-20.49	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-23.09	PASS
Band2	3MHz	QPSK	18615	1RB#0	-19.74	PASS
Band2	3MHz	QPSK	18615	15RB#0	-25.68	PASS
Band2	3MHz	QPSK	19185	1RB#14	-17.98	PASS
Band2	3MHz	QPSK	19185	15RB#0	-25.06	PASS
Band2	3MHz	16QAM	18615	1RB#0	-21.21	PASS
Band2	3MHz	16QAM	18615	15RB#0	-25.55	PASS
Band2	3MHz	16QAM	19185	1RB#14	-18.73	PASS
Band2	3MHz	16QAM	19185	15RB#0	-25.82	PASS
Band2	5MHz	QPSK	18625	1RB#0	-18.37	PASS
Band2	5MHz	QPSK	18625	25RB#0	-25.18	PASS
Band2	5MHz	QPSK	19175	1RB#24	-17.22	PASS
Band2	5MHz	QPSK	19175	25RB#0	-23.91	PASS
Band2	5MHz	16QAM	18625	1RB#0	-20.50	PASS
Band2	5MHz	16QAM	18625	25RB#0	-25.38	PASS
Band2	5MHz	16QAM	19175	1RB#24	-19.04	PASS
Band2	5MHz	16QAM	19175	25RB#0	-25.33	PASS
Band2	10MHz	QPSK	18650	1RB#0	-20.10	PASS
Band2	10MHz	QPSK	18650	50RB#0	-28.92	PASS
Band2	10MHz	QPSK	19150	1RB#49	-32.57	PASS
Band2	10MHz	QPSK	19150	50RB#0	-28.45	PASS
Band2	10MHz	16QAM	18650	1RB#0	-34.32	PASS
Band2	10MHz	16QAM	18650	50RB#0	-29.47	PASS
Band2	10MHz	16QAM	19150	1RB#49	-32.54	PASS
Band2	10MHz	16QAM	19150	50RB#0	-29.06	PASS
Band2	15MHz	QPSK	18675	1RB#0	-17.64	PASS
Band2	15MHz	QPSK	18675	75RB#0	-27.35	PASS
Band2	15MHz	QPSK	19125	1RB#74	-27.59	PASS
Band2	15MHz	QPSK	19125	75RB#0	-26.19	PASS
Band2	15MHz	16QAM	18675	1RB#0	-28.80	PASS
Band2	15MHz	16QAM	18675	75RB#0	-28.30	PASS
Band2	15MHz	16QAM	19125	1RB#74	-29.43	PASS
Band2	15MHz	16QAM	19125	75RB#0	-28.55	PASS



Band2	20MHz	QPSK	18700	1RB#0	-32.25	PASS
Band2	20MHz	QPSK	18700	100RB#0	-28.92	PASS
Band2	20MHz	QPSK	19100	1RB#99	-32.50	PASS
Band2	20MHz	QPSK	19100	100RB#0	-29.09	PASS
Band2	20MHz	16QAM	18700	1RB#0	-32.81	PASS
Band2	20MHz	16QAM	18700	100RB#0	-29.54	PASS
Band2	20MHz	16QAM	19100	1RB#99	-33.72	PASS
Band2	20MHz	16QAM	19100	100RB#0	-29.70	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-19.14	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-24.41	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-21.43	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-24.64	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-19.03	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-26.04	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-22.65	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-25.88	PASS
Band4	3MHz	QPSK	19965	1RB#0	-19.55	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.96	PASS
Band4	3MHz	QPSK	20385	1RB#14	-20.38	PASS
Band4	3MHz	QPSK	20385	15RB#0	-25.93	PASS
Band4	3MHz	16QAM	19965	1RB#0	-20.82	PASS
Band4	3MHz	16QAM	19965	15RB#0	-25.64	PASS
Band4	3MHz	16QAM	20385	1RB#14	-20.73	PASS
Band4	3MHz	16QAM	20385	15RB#0	-27.79	PASS
Band4	5MHz	QPSK	19975	1RB#0	-18.19	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.74	PASS
Band4	5MHz	QPSK	20375	1RB#24	-16.92	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.27	PASS
Band4	5MHz	16QAM	19975	1RB#0	-19.95	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.01	PASS
Band4	5MHz	16QAM	20375	1RB#24	-20.04	PASS
Band4	5MHz	16QAM	20375	25RB#0	-27.72	PASS
Band4	10MHz	QPSK	20000	1RB#0	-30.17	PASS
Band4	10MHz	QPSK	20000	50RB#0	-32.11	PASS
Band4	10MHz	QPSK	20350	1RB#49	-32.19	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.07	PASS
Band4	10MHz	16QAM	20000	1RB#0	-30.88	PASS
Band4	10MHz	16QAM	20000	50RB#0	-33.27	PASS
Band4	10MHz	16QAM	20350	1RB#49	-33.60	PASS
Band4	10MHz	16QAM	20350	50RB#0	-32.75	PASS
Band4	15MHz	QPSK	20025	1RB#0	-27.91	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.39	PASS
Band4	15MHz	QPSK	20325	1RB#74	-27.09	PASS
Band4	15MHz	QPSK	20325	75RB#0	-29.32	PASS
Band4	15MHz	16QAM	20025	1RB#0	-28.91	PASS



Band4	15MHz	16QAM	20025	75RB#0	-30.92	PASS
Band4	15MHz	16QAM	20325	1RB#74	-28.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.09	PASS
Band4	20MHz	QPSK	20050	1RB#0	-32.78	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.34	PASS
Band4	20MHz	QPSK	20300	1RB#99	-31.64	PASS
Band4	20MHz	QPSK	20300	100RB#0	-34.69	PASS
Band4	20MHz	16QAM	20050	1RB#0	-33.07	PASS
Band4	20MHz	16QAM	20050	100RB#0	-32.78	PASS
Band4	20MHz	16QAM	20300	1RB#99	-33.91	PASS
Band4	20MHz	16QAM	20300	100RB#0	-34.31	PASS
Band7	5MHz	QPSK	20775	1RB#0	-59.84,-36.77,-16.86	PASS
Band7	5MHz	QPSK	20775	25RB#0	-55.64,-35.91,-26.19	PASS
Band7	5MHz	QPSK	21425	1RB#24	-50.88,-54.94,-17.51	PASS
Band7	5MHz	QPSK	21425	25RB#0	-45.13,-40.94,-25.74	PASS
Band7	5MHz	16QAM	20775	1RB#0	-59.99,-37.57,-20.33	PASS
Band7	5MHz	16QAM	20775	25RB#0	-56.10,-39.62,-27.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	-53.41,-55.76,-17.15	PASS
Band7	5MHz	16QAM	21425	25RB#0	-46.17,-42.19,-25.98	PASS
Band7	10MHz	QPSK	20800	1RB#0	-56.50,-39.48,-33.48	PASS
Band7	10MHz	QPSK	20800	50RB#0	-48.63,-37.68,-30.62	PASS
Band7	10MHz	QPSK	21400	1RB#49	-58.20,-36.90,-33.32	PASS
Band7	10MHz	QPSK	21400	50RB#0	-47.10,-38.23,-30.41	PASS
Band7	10MHz	16QAM	20800	1RB#0	-56.97,-40.60,-32.58	PASS
Band7	10MHz	16QAM	20800	50RB#0	-48.81,-37.21,-31.83	PASS
Band7	10MHz	16QAM	21400	1RB#49	-58.50,-35.90,-33.77	PASS
Band7	10MHz	16QAM	21400	50RB#0	-48.10,-38.78,-31.46	PASS
Band7	15MHz	QPSK	20825	1RB#0	-38.57,-41.84,-30.05	PASS
Band7	15MHz	QPSK	20825	75RB#0	-39.61,-33.74,-28.84	PASS
Band7	15MHz	QPSK	21375	1RB#74	-55.76,-35.71,-30.67	PASS
Band7	15MHz	QPSK	21375	75RB#0	-43.15,-33.01,-28.99	PASS
Band7	15MHz	16QAM	20825	1RB#0	-38.37,-43.51,-32.06	PASS
Band7	15MHz	16QAM	20825	75RB#0	-39.80,-32.64,-29.43	PASS
Band7	15MHz	16QAM	21375	1RB#74	-55.82,-35.34,-31.15	PASS
Band7	15MHz	16QAM	21375	75RB#0	-44.97,-34.06,-29.95	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.91,-43.34,-35.51	PASS
Band7	20MHz	QPSK	20850	100RB#0	-37.00,-33.72,-29.55	PASS
Band7	20MHz	QPSK	21350	1RB#99	-55.80,-37.99,-34.73	PASS
Band7	20MHz	QPSK	21350	100RB#0	-49.82,-35.49,-29.68	PASS
Band7	20MHz	16QAM	20850	1RB#0	-38.98,-43.25,-34.71	PASS
Band7	20MHz	16QAM	20850	100RB#0	-37.29,-33.41,-30.51	PASS
Band7	20MHz	16QAM	21350	1RB#99	-55.39,-40.67,-35.83	PASS
Band7	20MHz	16QAM	21350	100RB#0	-50.41,-34.62,-30.29	PASS



Test Graphs

