

Appendix for LTE B2 test report

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Results:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power[dBm]	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	24.12	25.71	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.18	25.77	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	24.20	25.79	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	24.19	25.78	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	24.20	25.79	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	24.17	25.76	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	23.19	24.78	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.12	25.71	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.17	25.76	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	24.20	25.79	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	24.12	25.71	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	24.17	25.76	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	24.18	25.77	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	23.20	24.79	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.05	25.64	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.01	25.60	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.05	25.64	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.97	25.56	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	24.02	25.61	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	24.01	25.60	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.06	24.65	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.64	25.23	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.60	25.19	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.58	25.17	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	23.20	24.79	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	23.25	24.84	33	PASS



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Band2	1.4MHz	16QAM	18607	3RB#3	23.21	24.80	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.20	23.79	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.67	25.26	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.39	24.98	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	23.31	24.90	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	23.22	24.81	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	23.27	24.86	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	23.23	24.82	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.39	23.98	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.13	24.72	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.52	25.11	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.43	25.02	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	23.06	24.65	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	23.06	24.65	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	23.17	24.76	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.30	23.89	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	24.18	25.77	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	24.30	25.89	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	24.13	25.72	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	23.15	24.74	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	23.17	24.76	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	23.22	24.81	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	23.23	24.82	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	24.04	25.63	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	24.21	25.80	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	24.05	25.64	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	23.07	24.66	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	23.17	24.76	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	23.11	24.70	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	23.15	24.74	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.81	25.40	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.98	25.57	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.06	25.65	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.85	24.44	33	PASS



Band2	3MHz	QPSK	19185	8RB#4	22.95	24.54	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	23.01	24.60	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.91	24.50	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.15	24.15	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.25	24.84	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.65	25.24	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	23.54	25.13	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.28	23.87	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	22.37	23.96	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.30	23.89	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.54	25.13	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.33	24.92	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.45	25.04	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	22.25	23.84	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	22.46	24.05	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	22.33	23.92	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.22	23.81	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.29	24.88	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.30	24.89	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.33	24.92	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.03	23.62	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.14	23.73	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	22.21	23.80	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.08	23.67	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	24.31	25.90	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.36	25.95	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.31	25.90	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	23.20	24.79	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	23.26	24.85	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	23.30	24.89	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.23	24.82	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.07	25.66	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	24.27	25.86	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	24.00	25.59	33	PASS



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Band2	5MHz	QPSK	18900	12RB#0	23.03	24.62	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	23.17	24.76	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	23.12	24.71	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.13	24.72	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.91	25.50	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.78	25.37	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.12	25.71	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.80	24.39	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.87	24.46	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.90	24.49	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.87	24.46	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.30	24.89	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.73	25.32	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.68	25.27	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	22.31	23.90	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	22.36	23.95	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	22.40	23.99	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.25	23.84	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.52	25.11	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.68	25.27	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.53	25.12	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.21	23.80	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.31	23.90	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	22.29	23.88	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.25	23.84	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.28	24.87	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.27	24.86	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.29	24.88	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.95	23.54	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.99	23.58	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.06	23.65	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.01	23.60	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	24.35	25.94	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	24.38	25.97	33	PASS



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Band2	10MHz	QPSK	18650	1RB#49	24.01	25.60	33	PASS
Band2	10MHz	QPSK	18650	25RB#0	23.24	24.83	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	23.39	24.98	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	23.19	24.78	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.21	24.80	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.22	25.81	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	24.10	25.69	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.01	25.60	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.95	24.54	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	23.20	24.79	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.97	24.56	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.09	24.68	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.08	25.67	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.86	25.45	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.21	25.80	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.84	24.43	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.90	24.49	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.75	24.34	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.79	24.38	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.54	25.13	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.56	25.15	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.57	25.16	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.36	23.95	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.48	24.07	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.38	23.97	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.54	25.13	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.80	25.39	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	24.60	26.19	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.10	23.69	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.30	23.89	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	22.13	23.72	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.58	25.17	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.44	25.03	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.65	25.24	33	PASS



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Band2	10MHz	16QAM	19150	25RB#0	21.98	23.57	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.03	23.62	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.84	23.43	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	24.42	26.01	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	24.32	25.91	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	24.23	25.82	33	PASS
Band2	15MHz	QPSK	18675	38RB#0	23.38	24.97	33	PASS
Band2	15MHz	QPSK	18675	38RB#18	23.36	24.95	33	PASS
Band2	15MHz	QPSK	18675	38RB#37	23.18	24.77	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.16	24.75	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	24.09	25.68	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	24.27	25.86	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	24.01	25.60	33	PASS
Band2	15MHz	QPSK	18900	38RB#0	23.11	24.70	33	PASS
Band2	15MHz	QPSK	18900	38RB#18	23.30	24.89	33	PASS
Band2	15MHz	QPSK	18900	38RB#37	23.11	24.70	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	23.27	24.86	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.50	26.09	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.01	25.60	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.09	25.68	33	PASS
Band2	15MHz	QPSK	19125	38RB#0	23.28	24.87	33	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.14	24.73	33	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.88	24.47	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.06	24.65	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.59	25.18	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.54	25.13	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.75	25.34	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.53	25.12	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.78	25.37	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.28	24.87	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.75	25.34	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.47	25.06	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.57	25.16	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	24.32	25.91	33	PASS



Band2	20MHz	QPSK	18700	1RB#49	24.06	25.65	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.94	25.53	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.32	24.91	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.07	24.66	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	23.15	24.74	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.65	24.24	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	24.05	25.64	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.26	25.85	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.89	25.48	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.97	24.56	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	23.30	24.89	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.98	24.57	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	23.25	24.84	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.21	25.80	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.03	25.62	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.96	25.55	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.31	24.90	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.19	24.78	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.85	24.44	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.94	24.53	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.46	25.05	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.60	25.19	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.47	25.06	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.51	25.10	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.55	25.14	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.16	24.75	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.37	24.96	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.67	25.26	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.14	24.73	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]$

$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$

b, SGP=Signal Generator Level

c, Antenna gain of LTE Band 2 is 1.59dBi.

Note2: SET Span=1.5*OBW

SET RBW=1%of the OBW,not to exceed 1MHz

SET VBW>= 3*RBW

SET Sweep time=auto-couple.

Detector:RMS

Appendix B: Peak-to-Average Ratio

Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.86	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.43	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.72	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.91	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.49	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	4.74	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.94	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.27	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.10	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.43	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.50	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	4.93	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.50	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.15	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.17	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.78	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.33	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.97	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	4.67	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.24	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.89	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	4.80	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.28	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	4.44	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	4.68	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.93	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.66	13	PASS

Appendix C: Modulation Characteristics

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	PASS	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	PASS	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS	PASS
Band2	3MHz	QPSK	18615	15RB#0	PASS	PASS
Band2	3MHz	QPSK	18900	15RB#0	PASS	PASS
Band2	3MHz	QPSK	19185	15RB#0	PASS	PASS
Band2	3MHz	16QAM	18615	15RB#0	PASS	PASS
Band2	3MHz	16QAM	18900	15RB#0	PASS	PASS
Band2	3MHz	16QAM	19185	15RB#0	PASS	PASS
Band2	5MHz	QPSK	18625	25RB#0	PASS	PASS
Band2	5MHz	QPSK	18900	25RB#0	PASS	PASS
Band2	5MHz	QPSK	19175	25RB#0	PASS	PASS
Band2	5MHz	16QAM	18625	25RB#0	PASS	PASS
Band2	5MHz	16QAM	18900	25RB#0	PASS	PASS
Band2	5MHz	16QAM	19175	25RB#0	PASS	PASS
Band2	10MHz	QPSK	18650	50RB#0	PASS	PASS
Band2	10MHz	QPSK	18900	50RB#0	PASS	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS	PASS
Band2	15MHz	QPSK	18900	75RB#0	PASS	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS	PASS
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS	PASS

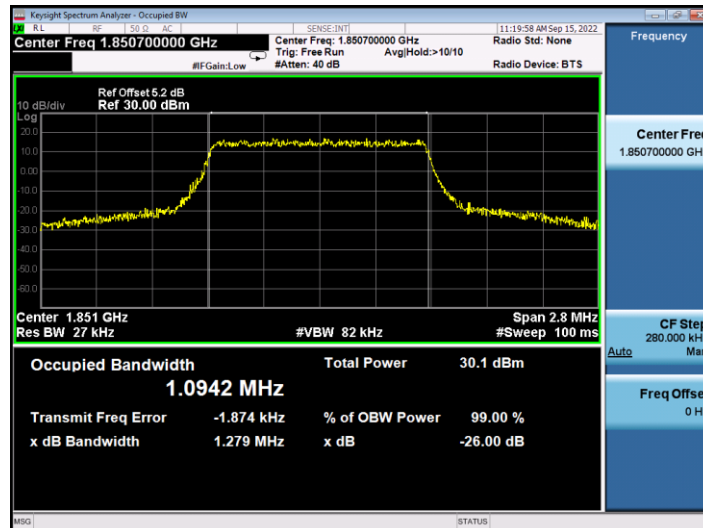
Appendix D: Bandwidth

Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0942	1.279	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0985	1.285	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0870	1.298	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0907	1.271	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0845	1.273	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0902	1.271	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6939	2.925	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6961	2.940	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6943	2.925	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6984	2.949	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6913	2.933	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6909	2.943	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5083	4.993	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4977	4.892	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5012	4.952	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4990	4.986	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4900	4.957	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5018	4.955	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9770	9.497	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9970	9.570	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9789	9.555	PASS
Band2	10MHz	16QAM	18650	50RB#0	4.5495	4.982	PASS
Band2	10MHz	16QAM	18900	50RB#0	4.5545	4.989	PASS
Band2	10MHz	16QAM	19150	50RB#0	4.5565	4.994	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.431	14.03	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.489	14.25	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.484	14.29	PASS
Band2	15MHz	16QAM	18675	75RB#0	4.6490	5.204	PASS
Band2	15MHz	16QAM	18900	75RB#0	4.6473	5.210	PASS
Band2	15MHz	16QAM	19125	75RB#0	4.6440	5.212	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.860	18.91	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.950	18.98	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.940	18.94	PASS
Band2	20MHz	16QAM	18700	100RB#0	4.7449	5.396	PASS
Band2	20MHz	16QAM	18900	100RB#0	4.7451	5.423	PASS
Band2	20MHz	16QAM	19100	100RB#0	4.7485	5.422	PASS

Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-18900-6RB#0



Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



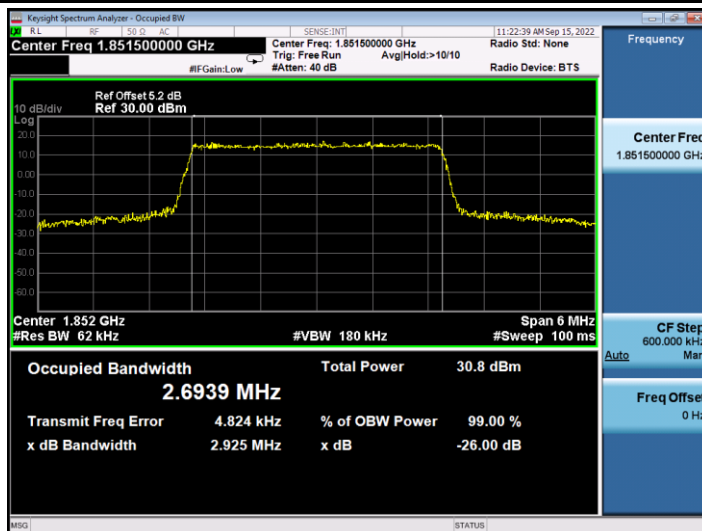
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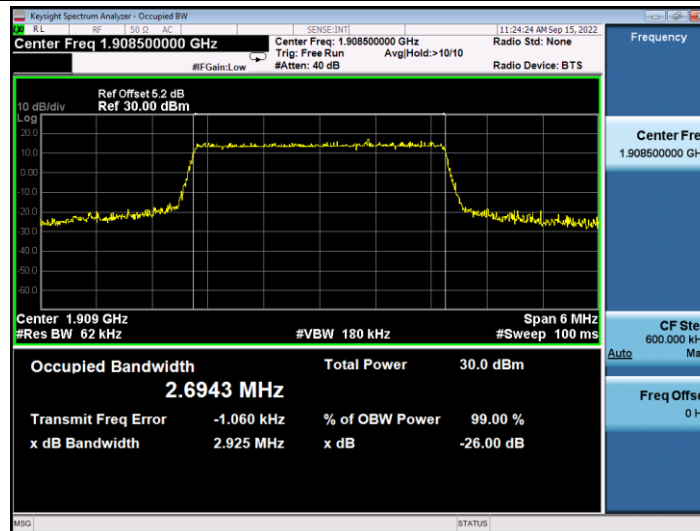
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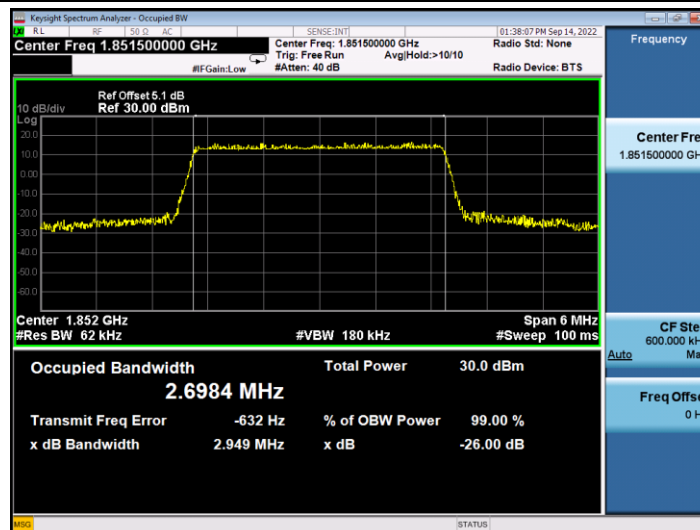
Band2-3MHz-QPSK-18900-15RB#0



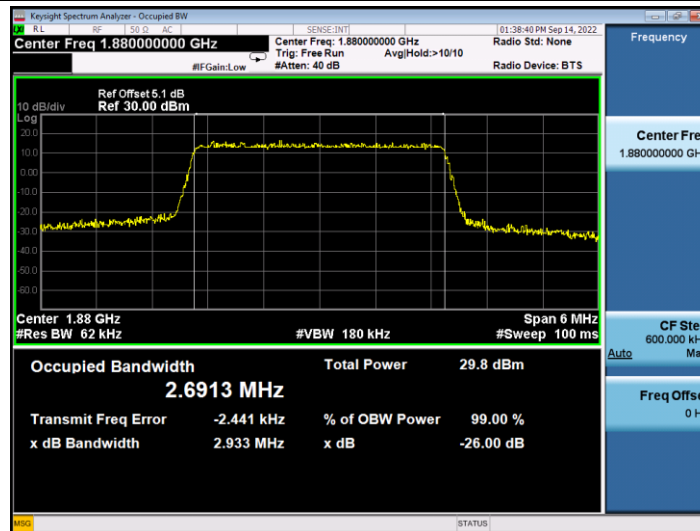
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Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-15RB#0



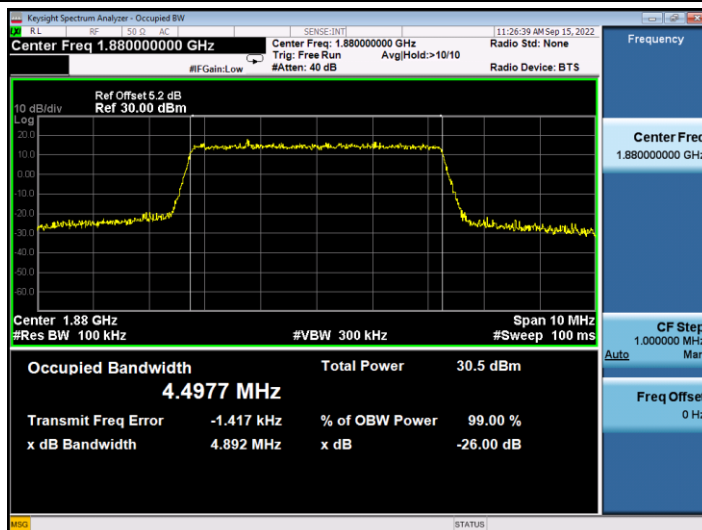
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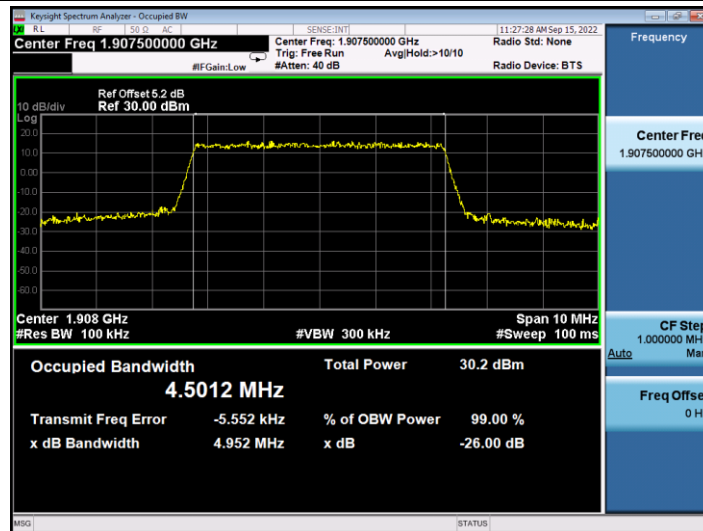
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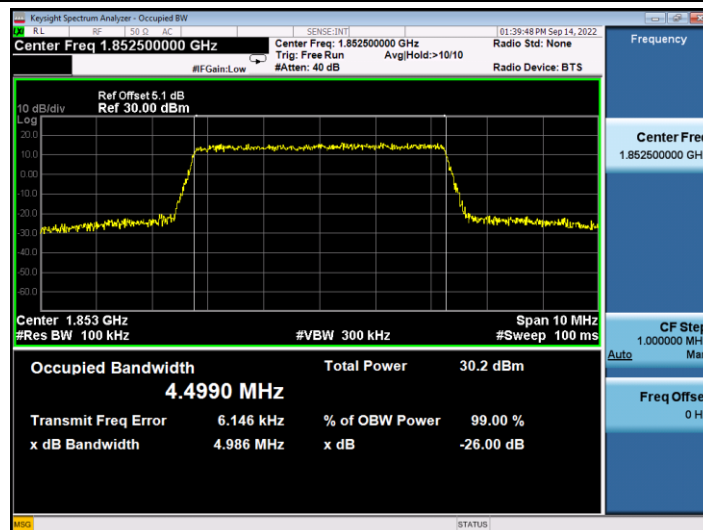
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Band2-5MHz-QPSK-19175-25RB#0



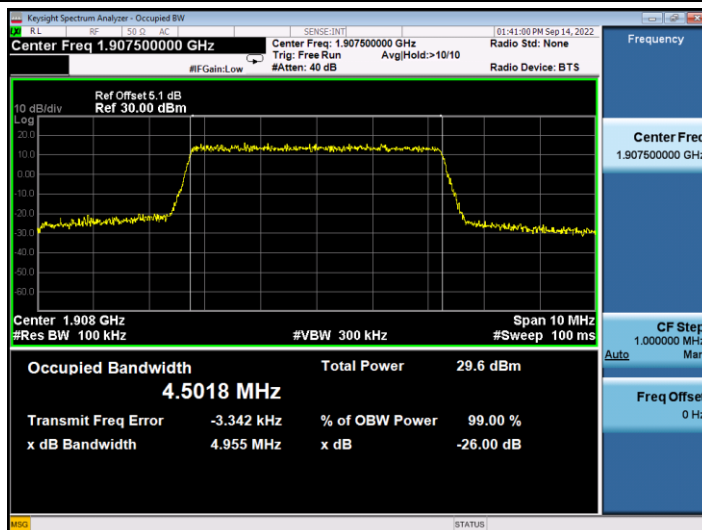
Band2-5MHz-16QAM-18625-25RB#0



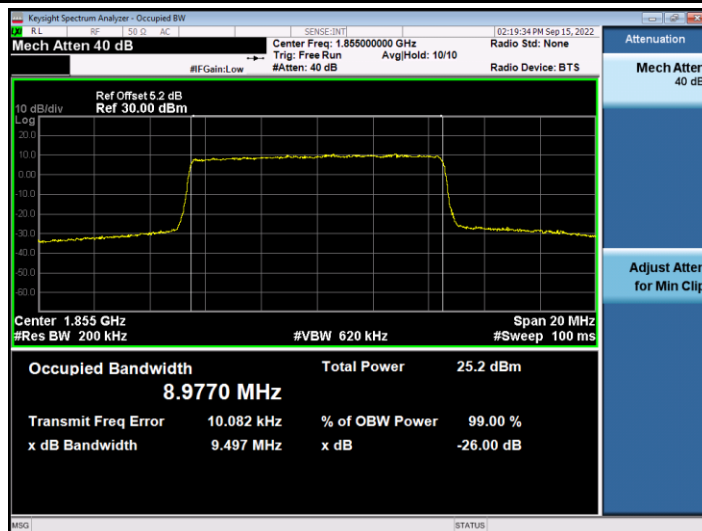
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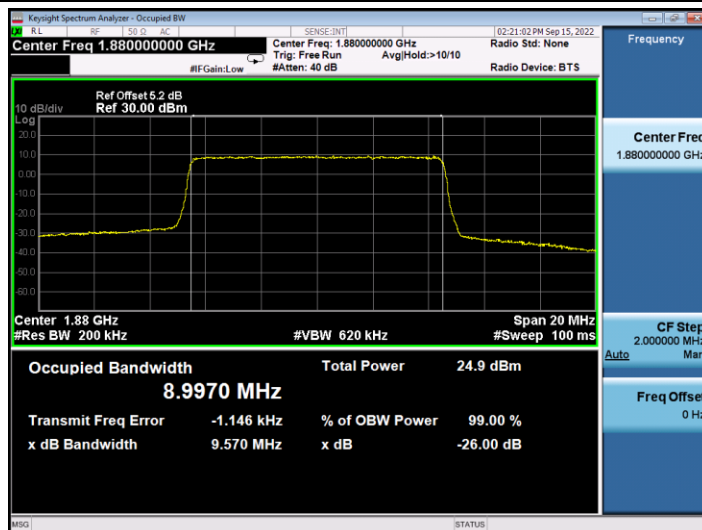
Band2-5MHz-16QAM-19175-25RB#0



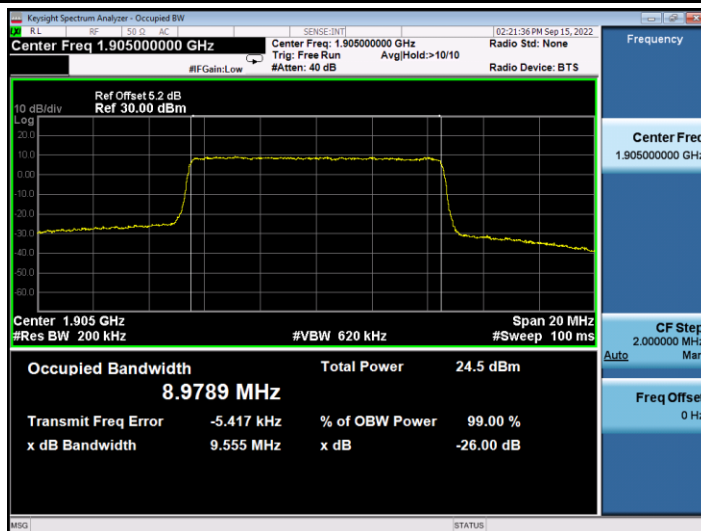
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Band2-10MHz-QPSK-18900-50RB#0



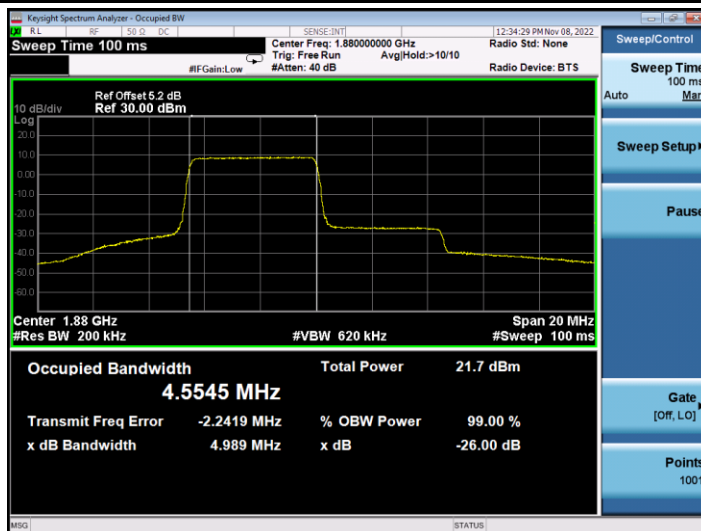
Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-16QAM-18650-50RB#0



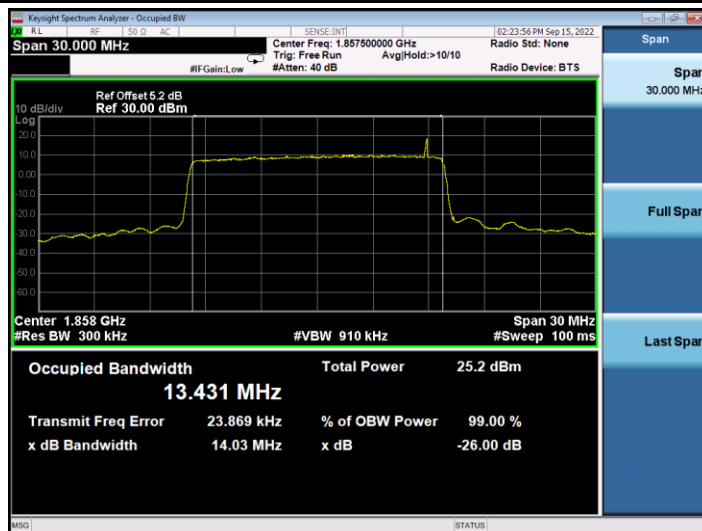
Band2-10MHz-16QAM-18900-50RB#0



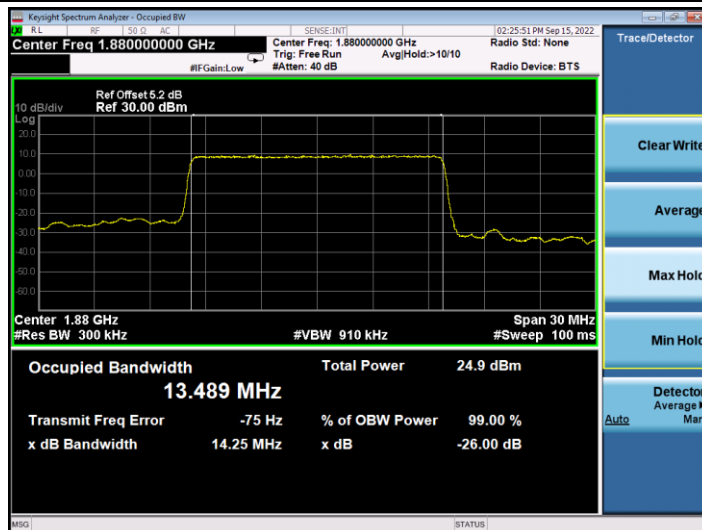
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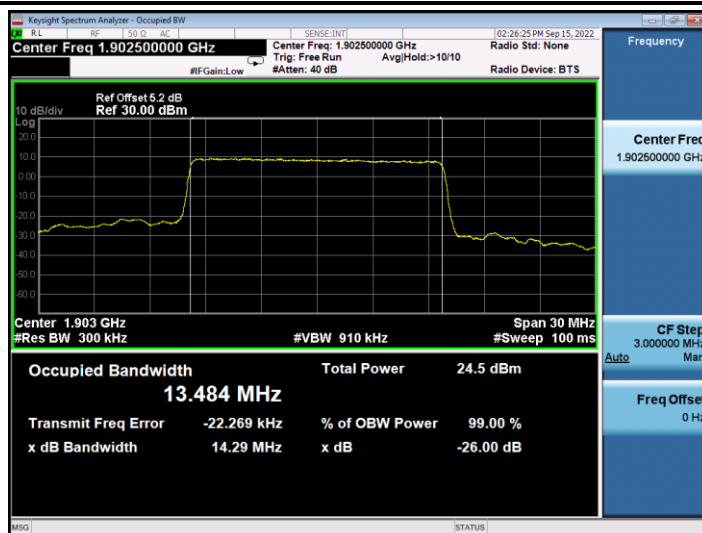
Band2-15MHz-QPSK-18675-75RB#0



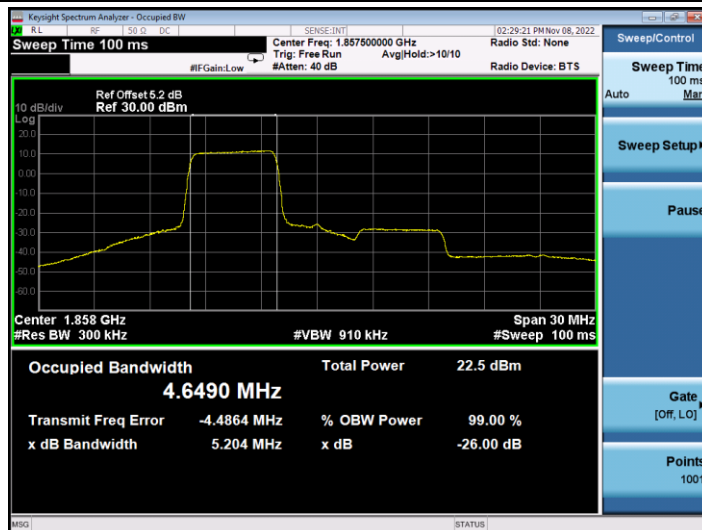
Band2-15MHz-QPSK-18900-75RB#0



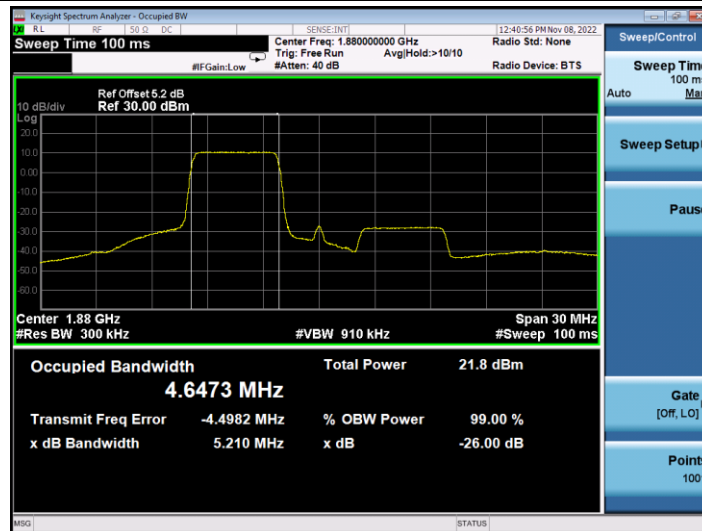
Band2-15MHz-QPSK-19125-75RB#0



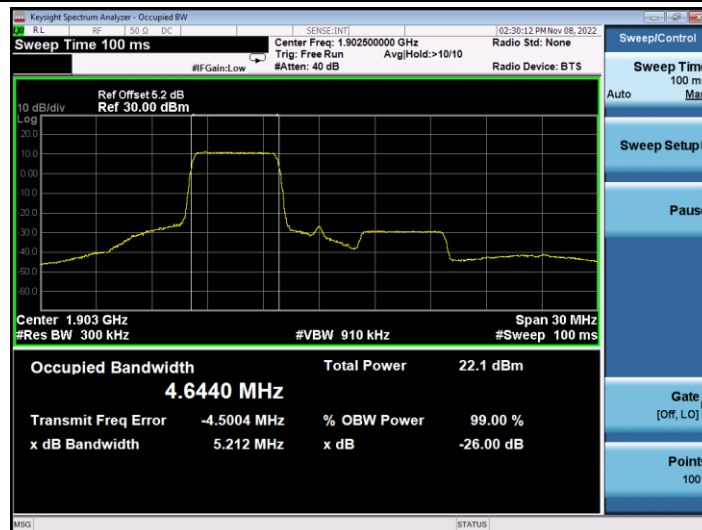
Band2-15MHz-16QAM-18675-75RB#0



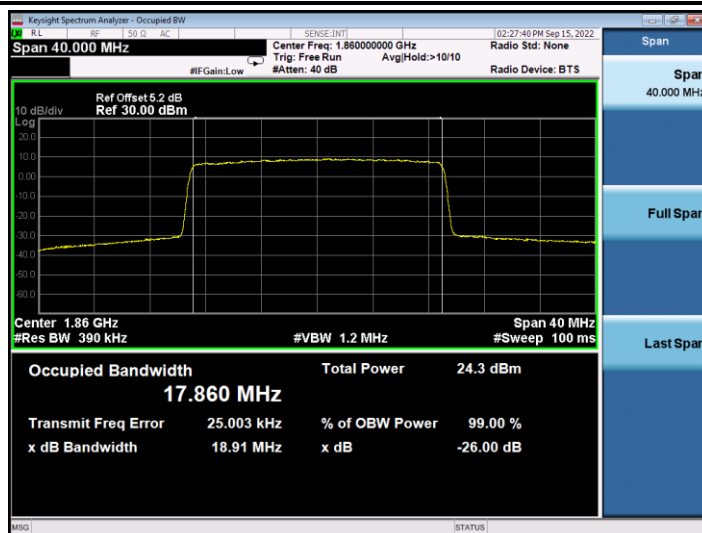
Band2-15MHz-16QAM-18900-75RB#0



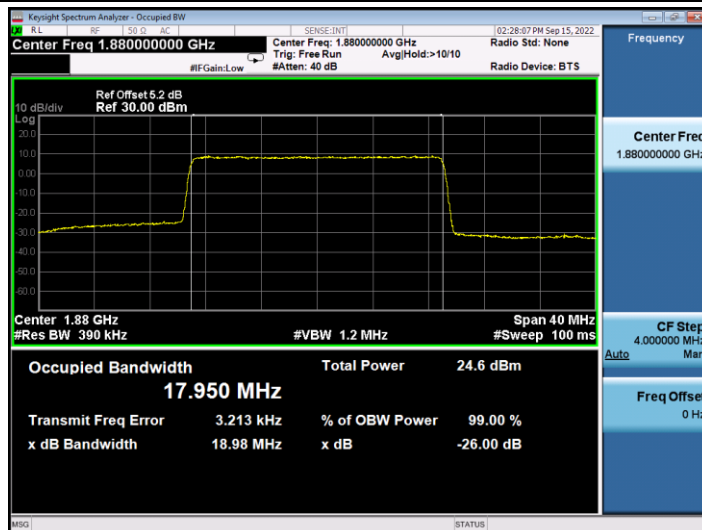
Band2-15MHz-16QAM-19125-75RB#0



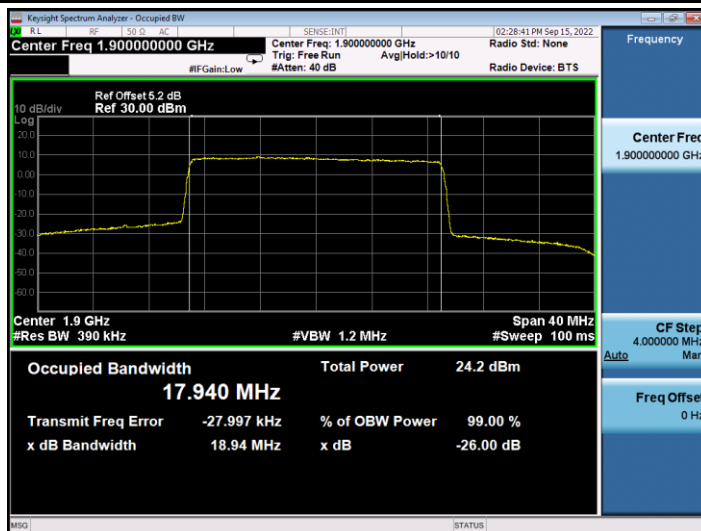
Band2-20MHz-QPSK-18700-100RB#0



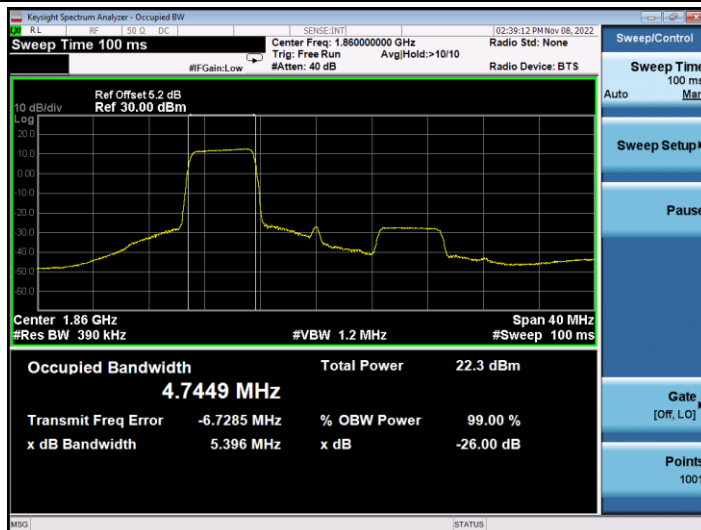
Band2-20MHz-QPSK-18900-100RB#0



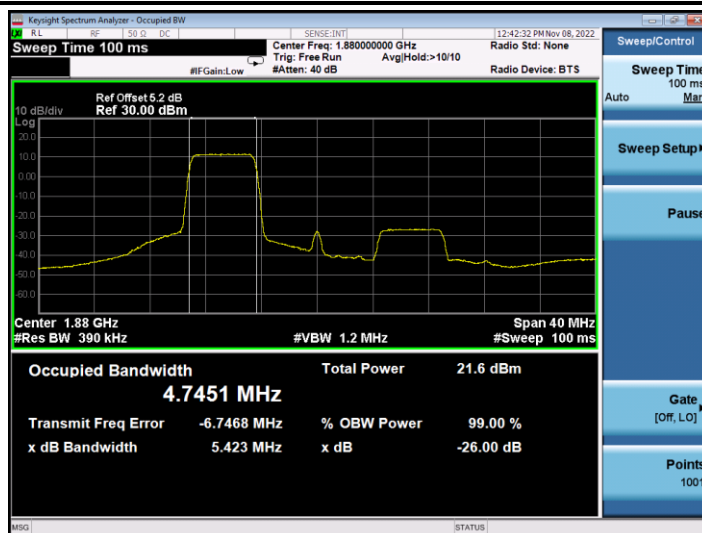
Band2-20MHz-QPSK-19100-100RB#0



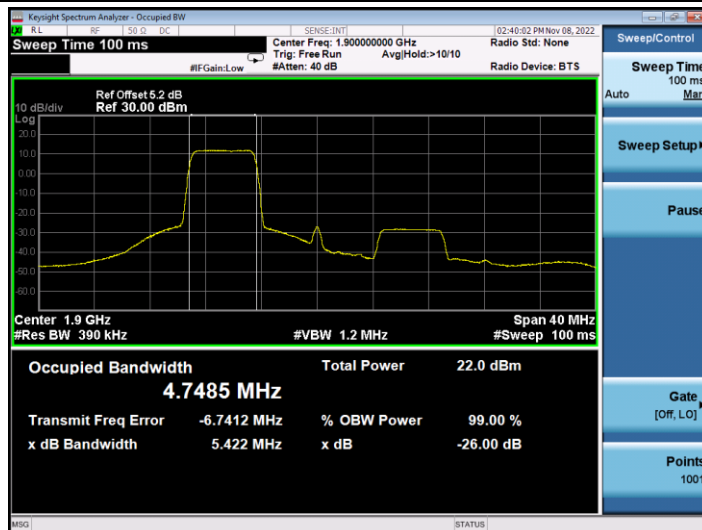
Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#0



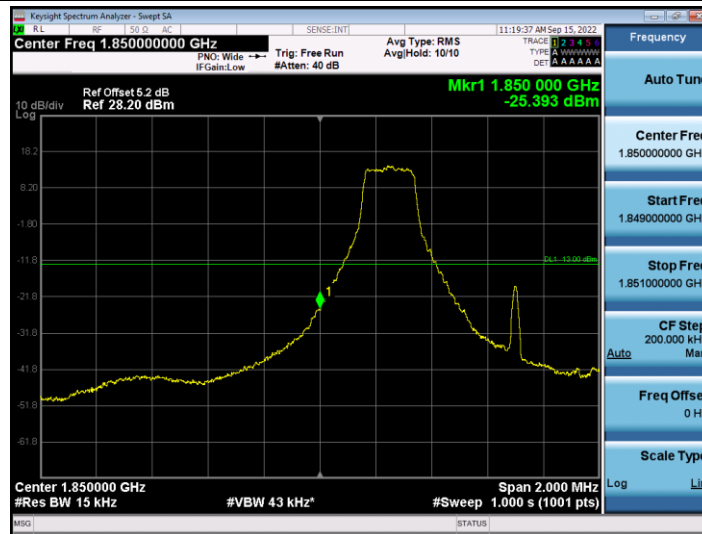
Appendix E: Band Edges Compliance

Test Results

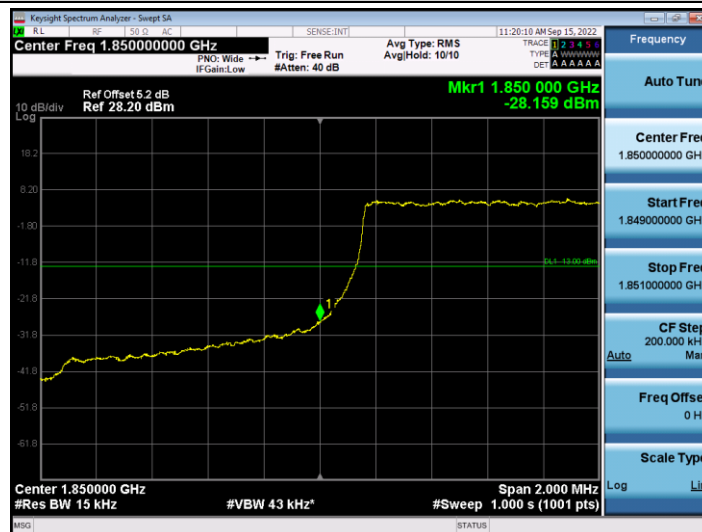
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-25.393	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-28.159	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-25.947	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-25.415	PASS
Band2	3MHz	QPSK	18615	1RB#0	-19.045	PASS
Band2	3MHz	QPSK	18615	15RB#0	-29.434	PASS
Band2	3MHz	QPSK	19185	1RB#14	-20.644	PASS
Band2	3MHz	QPSK	19185	15RB#0	-28.186	PASS
Band2	5MHz	QPSK	18625	1RB#0	-17.504	PASS
Band2	5MHz	QPSK	18625	25RB#0	-29.230	PASS
Band2	5MHz	QPSK	19175	1RB#24	-18.406	PASS
Band2	5MHz	QPSK	19175	25RB#0	-30.203	PASS
Band2	10MHz	QPSK	18650	1RB#0	-22.438	PASS
Band2	10MHz	QPSK	18650	50RB#0	-44.314	PASS
Band2	10MHz	QPSK	19150	1RB#49	-22.452	PASS
Band2	10MHz	QPSK	19150	50RB#0	-44.743	PASS
Band2	15MHz	QPSK	18675	1RB#0	-27.239	PASS
Band2	15MHz	QPSK	18675	75RB#0	-31.878	PASS
Band2	15MHz	QPSK	19125	1RB#74	-27.812	PASS
Band2	15MHz	QPSK	19125	75RB#0	-34.891	PASS
Band2	20MHz	QPSK	18700	1RB#0	-36.330	PASS
Band2	20MHz	QPSK	18700	100RB#0	-35.848	PASS
Band2	20MHz	QPSK	19100	1RB#99	-36.667	PASS
Band2	20MHz	QPSK	19100	100RB#0	-35.829	PASS

Test Plots

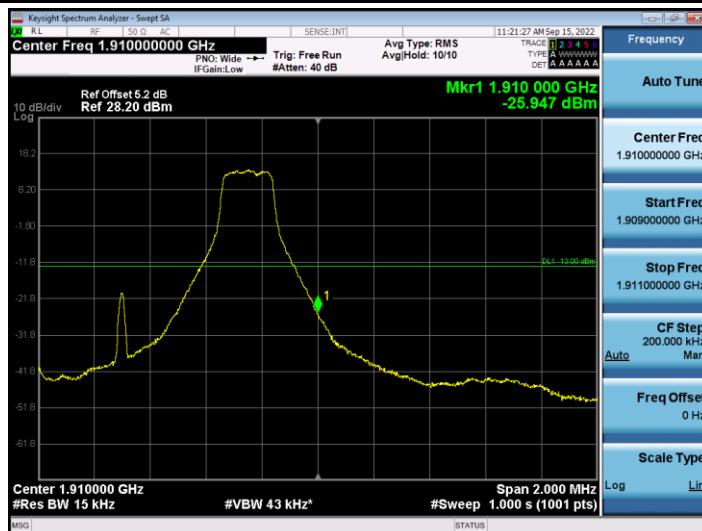
Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



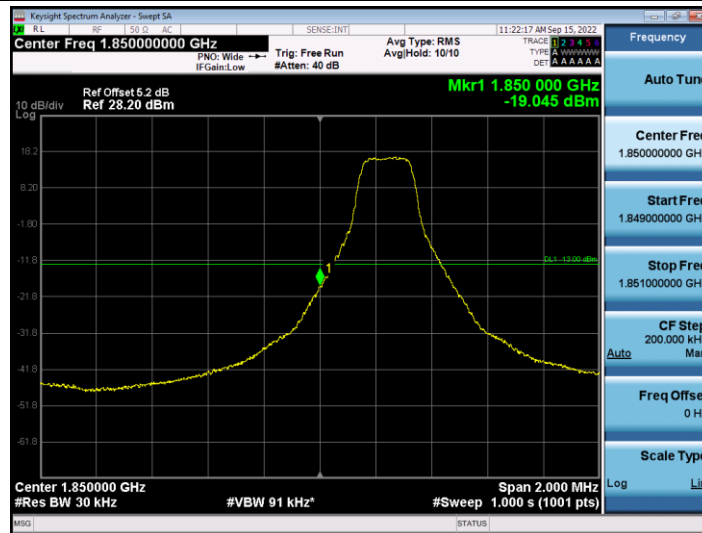
Band2-1.4MHz-QPSK-19193-1RB#5



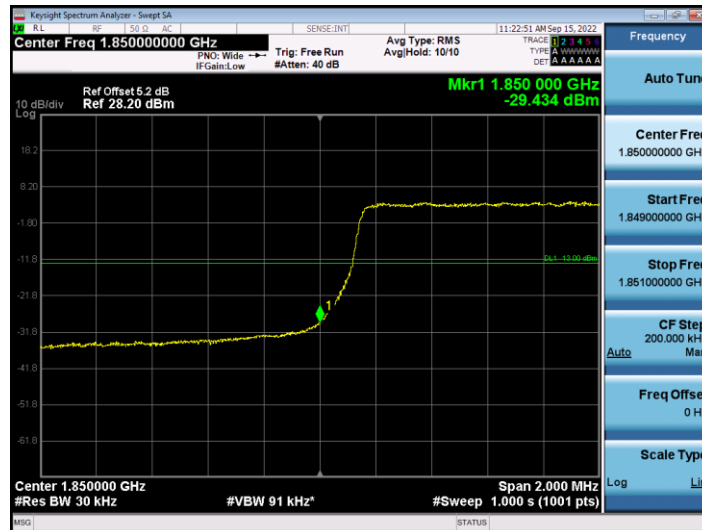
Band2-1.4MHz-QPSK-19193-6RB#0



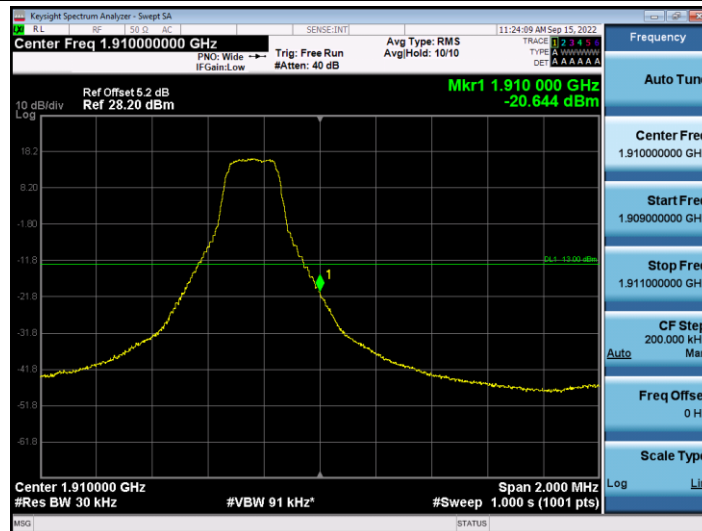
Band2-3MHz-QPSK-18615-1RB#0



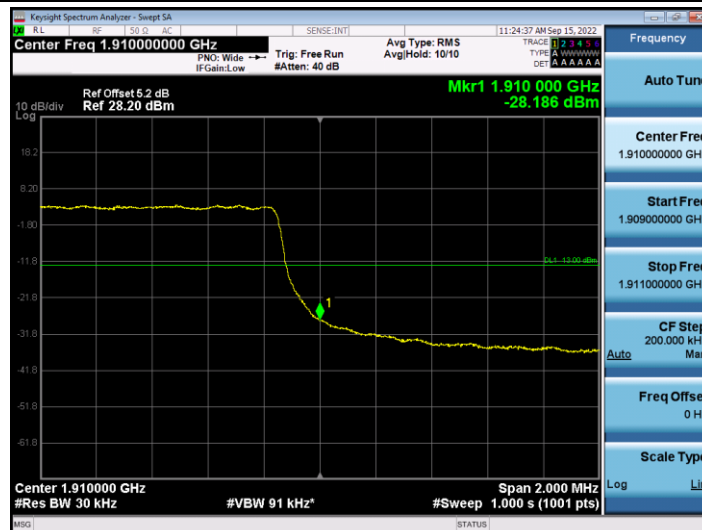
Band2-3MHz-QPSK-18615-15RB#0



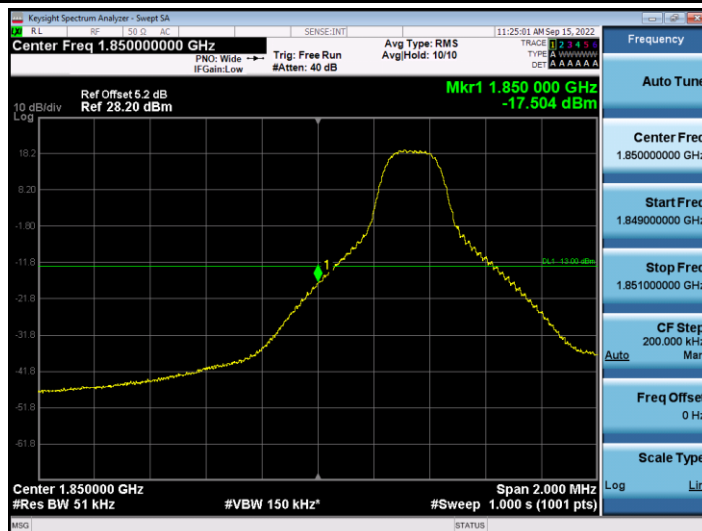
Band2-3MHz-QPSK-19185-1RB#14



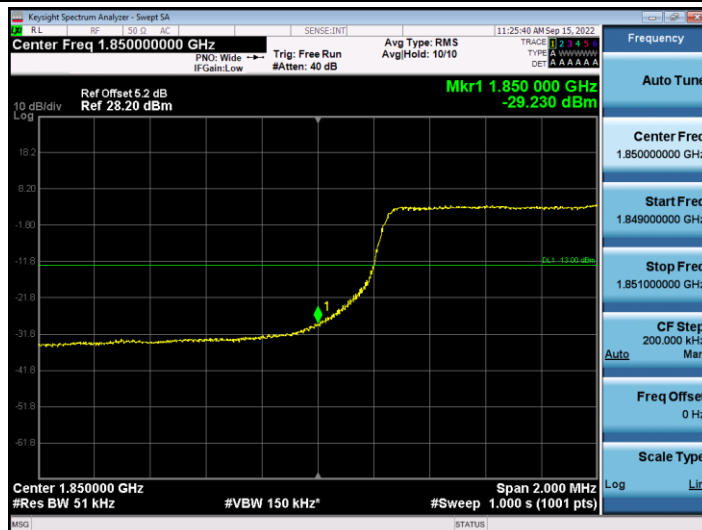
Band2-3MHz-QPSK-19185-15RB#0



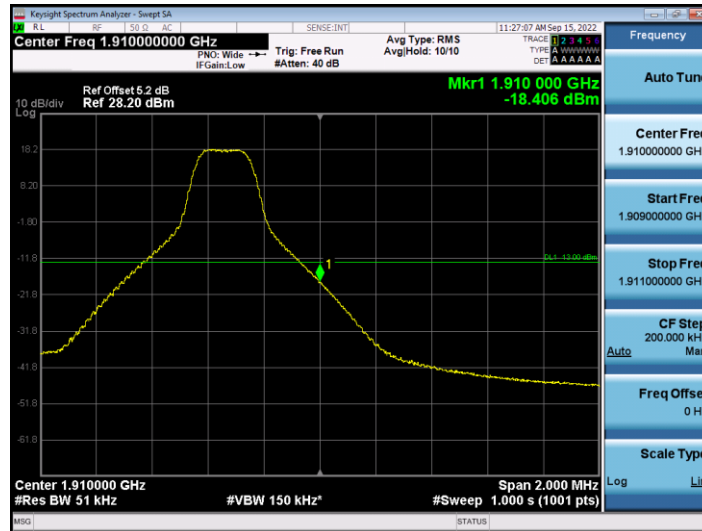
Band2-5MHz-QPSK-18625-1RB#0



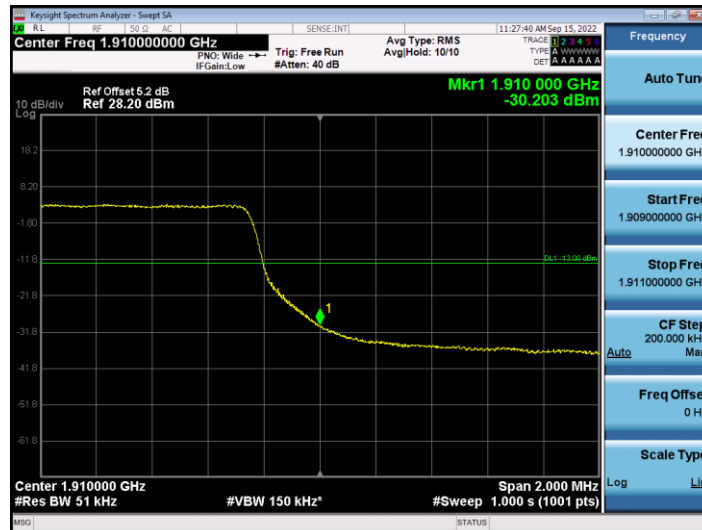
Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-19175-1RB#24



Band2-5MHz-QPSK-19175-25RB#0



Band2-10MHz-QPSK-18650-1RB#0