Appendix LTE B2 and B4

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Appendix A: Effective (Isotropic) Radiated Power Output Data

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Appendix B: Peak-to-Average Ratio

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Appendix C: 26dB Bandwidth and Occupied Bandwidth

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Appendix D: Band Edge

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Appendix F: Frequency Stability

LTE B2:

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.43	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.54	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.47	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.32	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.38	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.35	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.38	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.46	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.51	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.52	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.49	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.29	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.40	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.19	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.35	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.38	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.13	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.37	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.24	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.35	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.42	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.73	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.31	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.21	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.08	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.10	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.23	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.32	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.48	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.27	PASS

Band2	1.4MHz	16QAM	18900	3RB#0	21.13	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.01	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.21	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.55	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.21	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.41	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.21	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.12	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.11	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.07	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.14	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.05	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.27	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.27	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.33	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.31	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.52	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.52	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.69	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.39	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.50	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.53	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.53	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.56	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.48	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.52	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.24	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.34	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.44	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.35	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.42	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.36	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.29	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.38	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.36	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.57	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.34	PASS

Band2	3MHz	16QAM	18615	8RB#7	20.57	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.55	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.33	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.49	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.68	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.36	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.35	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.68	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.53	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.56	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.51	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.54	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.31	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.36	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.42	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.40	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.23	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.29	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.33	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.42	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.40	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.50	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.46	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.39	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.32	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.63	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.46	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.46	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.45	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.46	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.32	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.47	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.03	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.34	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.36	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.44	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.37	PASS

Band2	5MHz	16QAM	18625	1RB#0	21.30	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.40	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.39	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.51	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.50	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.50	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.57	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.43	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.41	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.42	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.63	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.44	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.52	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.46	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.20	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.38	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.42	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.30	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.31	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.30	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.31	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.09	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.70	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.37	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.52	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.52	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.54	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.50	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.28	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.54	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.43	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.56	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.56	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.59	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.46	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.31	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.46	PASS

Band2	10MHz	QPSK	19150	1RB#49	22.42	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.46	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.39	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.41	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.37	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.40	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.68	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.59	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.41	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.41	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.54	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.50	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.58	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.03	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.20	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.60	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.64	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.63	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.61	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.29	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.29	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.69	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.51	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.61	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.37	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.48	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.46	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.41	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.39	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.36	PASS
Band2	15MHz	QPSK	18675	38RB#18	21.43	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.50	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.54	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.25	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.22	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.17	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.50	PASS

Band2	15MHz	QPSK	18900	38RB#18	21.31	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.53	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.53	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.34	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.35	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.30	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	21.80	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.83	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.43	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.52	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.46	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.51	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.37	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.43	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.49	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.63	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.44	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.47	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.54	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.50	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.31	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.53	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.56	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.06	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.15	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.80	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.39	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.27	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.81	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.36	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.52	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.99	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.45	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.63	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.61	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.69	PASS

Band2	20MHz	QPSK	18700	100RB#0	21.66	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.43	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.68	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.59	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.66	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.65	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.70	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.74	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.58	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.79	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.47	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.70	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.69	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.58	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.64	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.45	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.32	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.51	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.67	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.70	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.76	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.65	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.41	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.23	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.78	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.77	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.75	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.82	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.66	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.27	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.54	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.19	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.75	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.63	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.62	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.62	PASS

Appendix B: Peak-to-Average Ratio (CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.51	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.52	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.46	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.26	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.24	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.27	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.50	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.49	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.40	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.31	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.26	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.20	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.56	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.54	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.51	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.20	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.20	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.25	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	4.56	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	4.54	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.57	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.01	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.04	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.96	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.71	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.72	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.71	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.66	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.75	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.71	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	6.44	13	PASS

Band2	20MHz	QPSK	18900	100RB#0	6.40	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	6.46	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	7.12	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	7.06	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	7.13	13	PASS

Test Graphs

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

Band2-1.4MHz-16QAM-18900-6RB#0

Band2-1.4MHz-16QAM-19193-6RB#0

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

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

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

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

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

Band2-3MHz-16QAM-19185-15RB#0

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

Band2-5MHz-QPSK-18900-25RB#0

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

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

Band2-5MHz-16QAM-18900-25RB#0

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

Band2-10MHz-QPSK-18650-50RB#0

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

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

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

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

Band2-10MHz-16QAM-19150-50RB#0

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

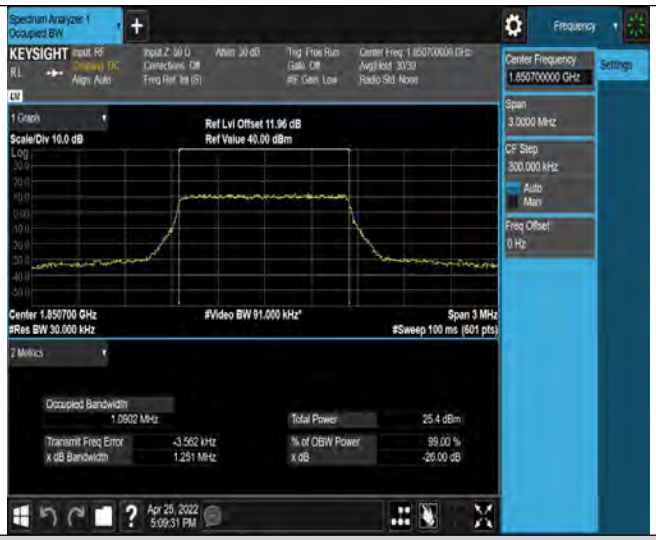
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

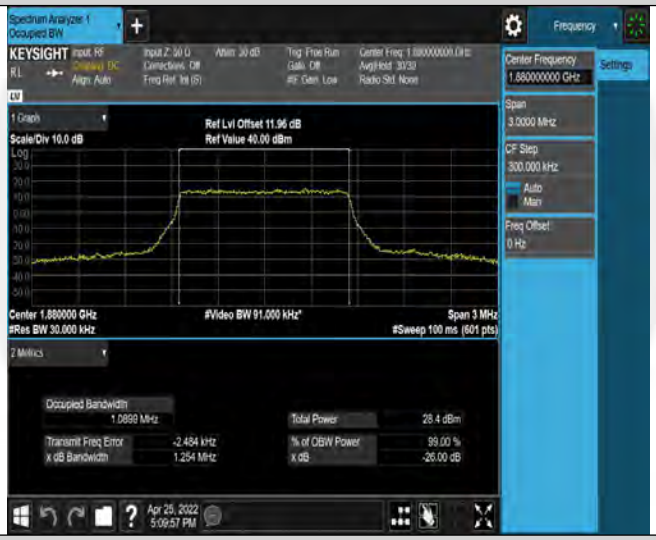
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0902	1.251	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0899	1.254	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0905	1.275	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0885	1.253	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0902	1.258	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0881	1.244	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6927	2.909	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6966	2.908	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6945	2.918	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6911	2.898	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6910	2.915	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6968	2.907	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4933	4.889	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4947	4.870	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4962	4.839	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4981	4.857	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4971	4.869	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5014	4.880	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9584	9.533	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9625	9.537	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9444	9.508	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9486	9.517	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9564	9.537	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9389	9.511	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.431	14.29	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.409	14.24	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.394	14.21	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.421	14.24	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.416	14.23	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.394	14.23	PASS

Band2	20MHz	QPSK	18700	100RB#0	17.924	18.94	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.886	18.93	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.867	18.92	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	18.95	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.891	18.95	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.870	18.94	PASS

Test Graphs



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



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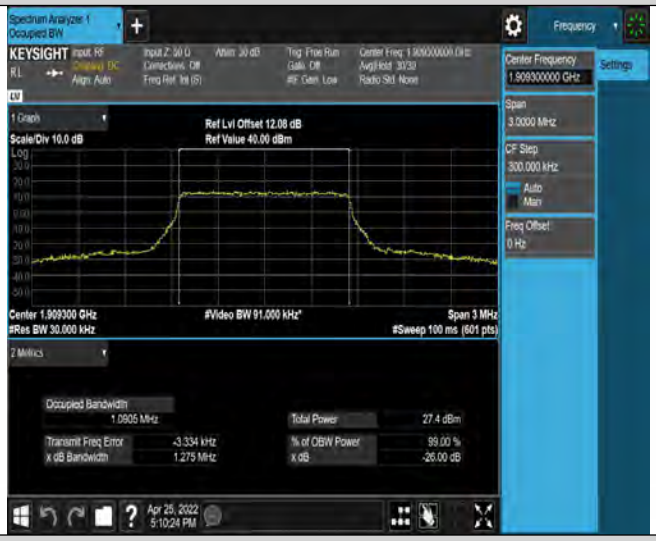
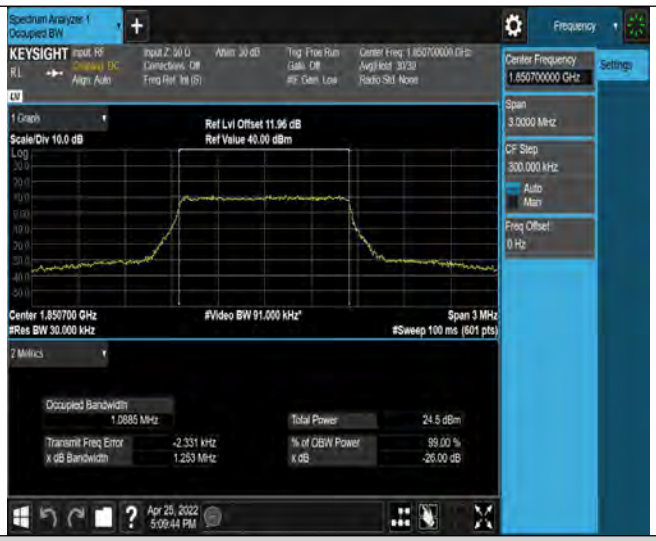
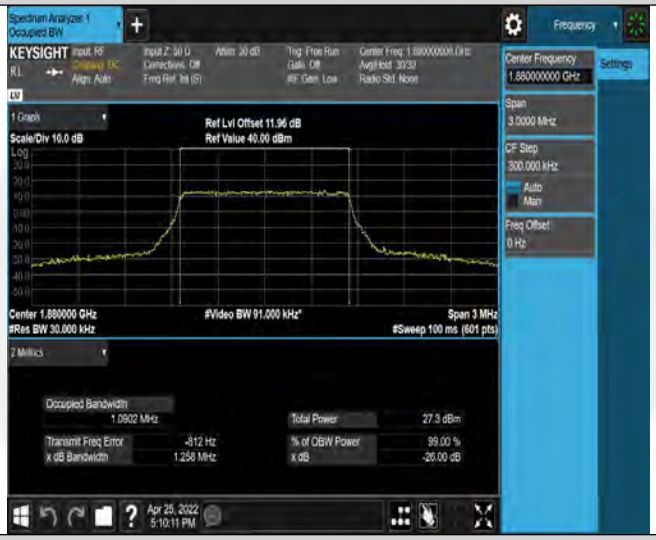


Band2-1.4MHz-QPSK-19193-6RB#0



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



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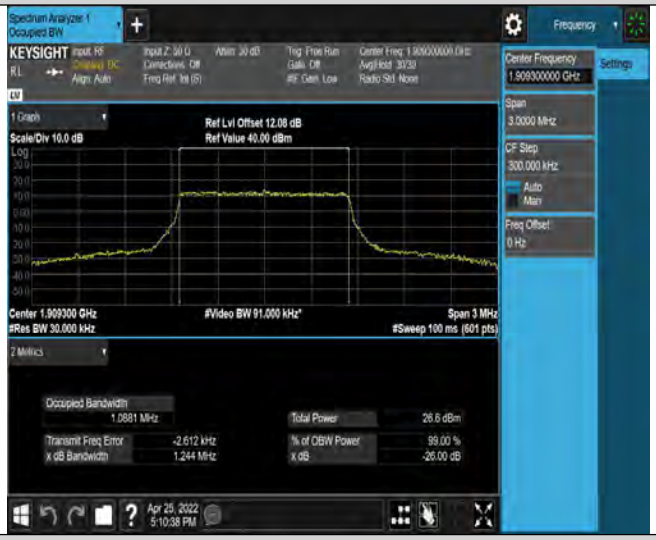

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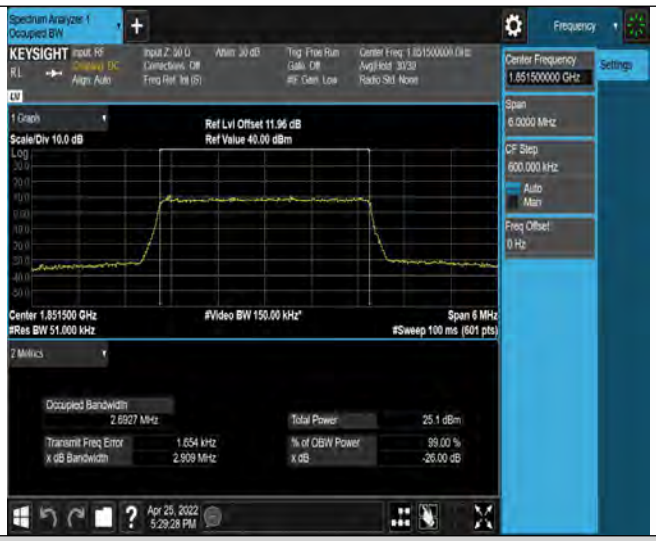
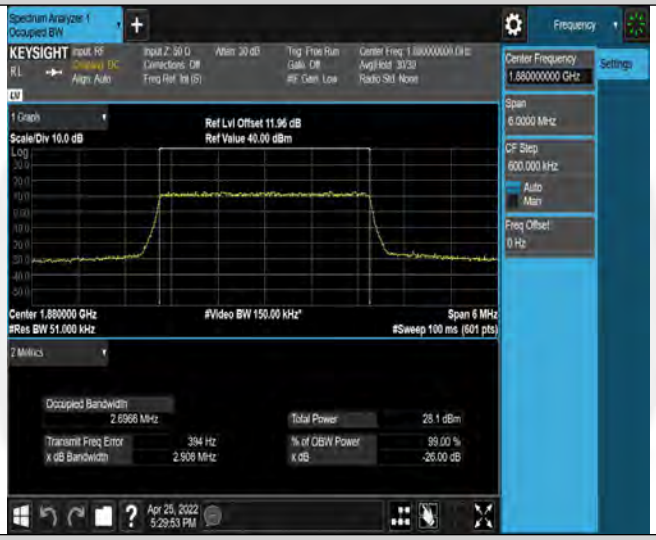
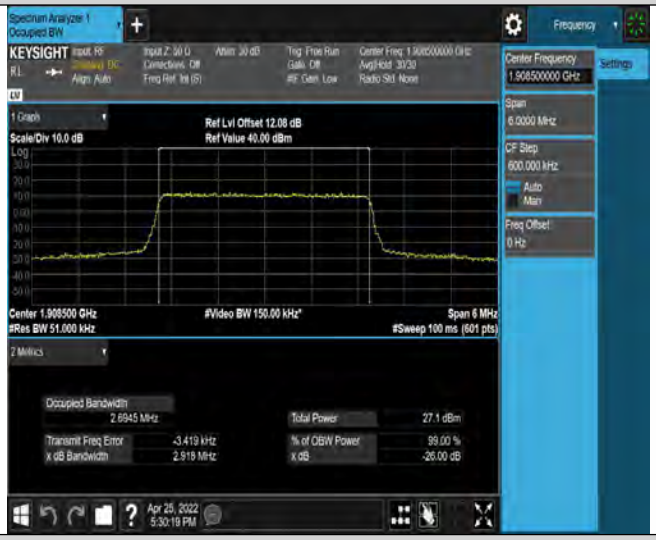


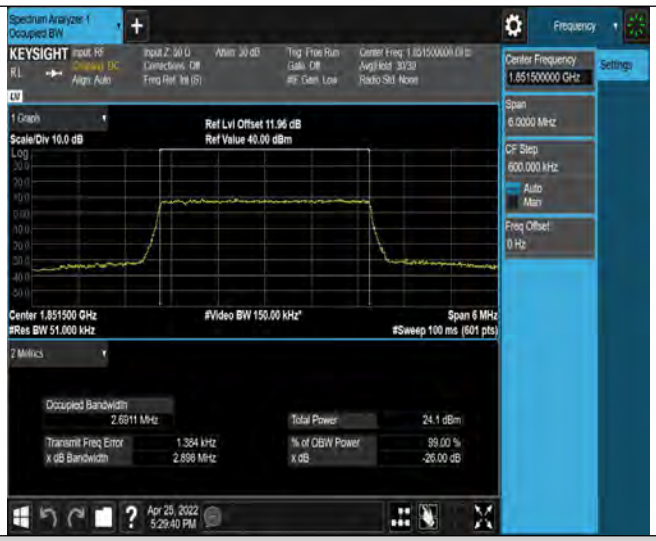
Band2-3MHz-QPSK-18615-15RB#0



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



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



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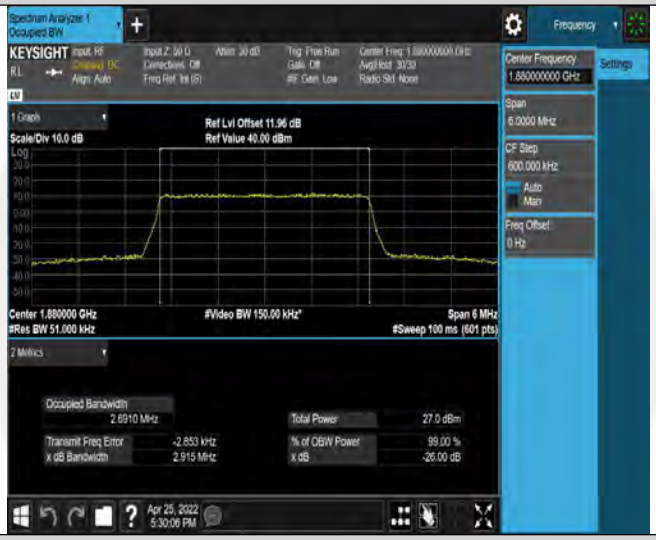

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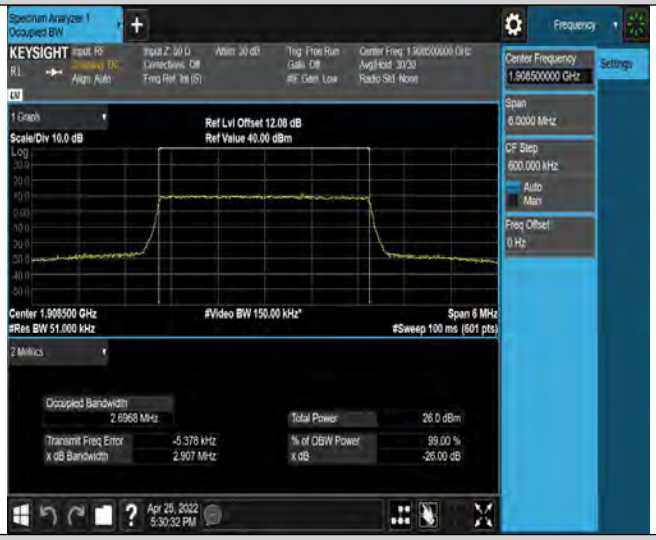

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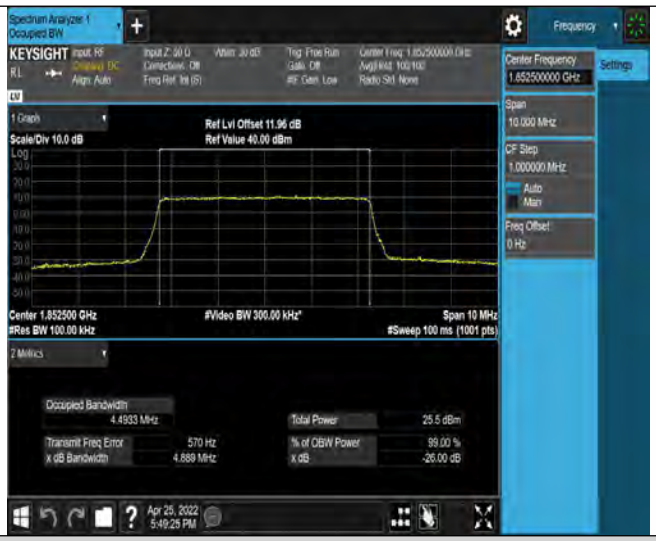
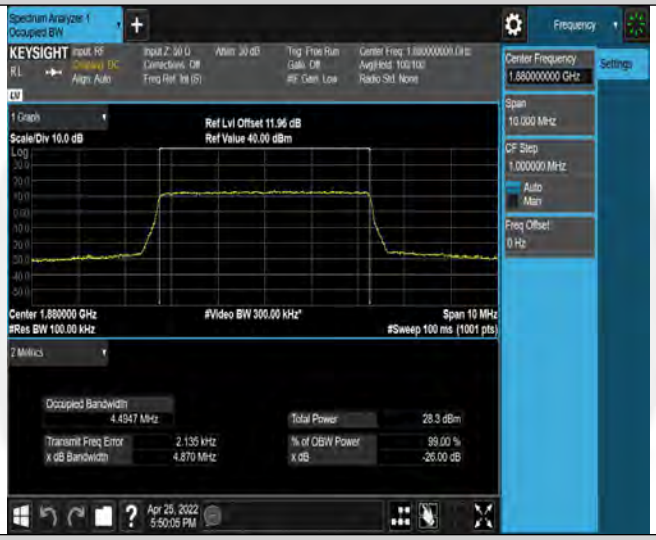


Band2-5MHz-QPSK-18625-25RB#0



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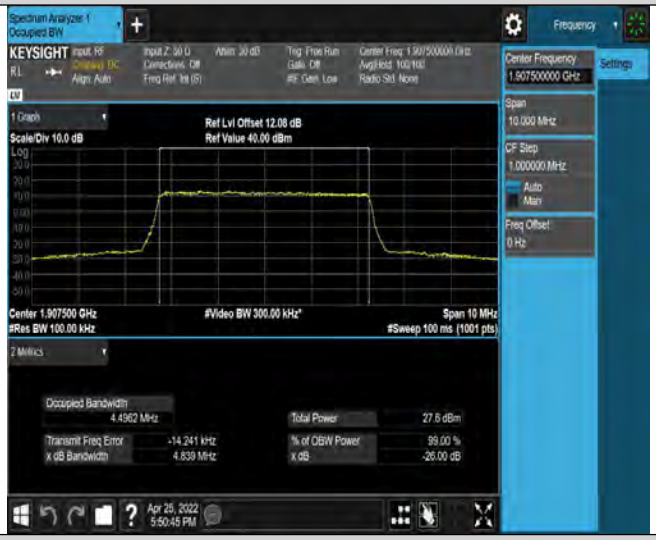
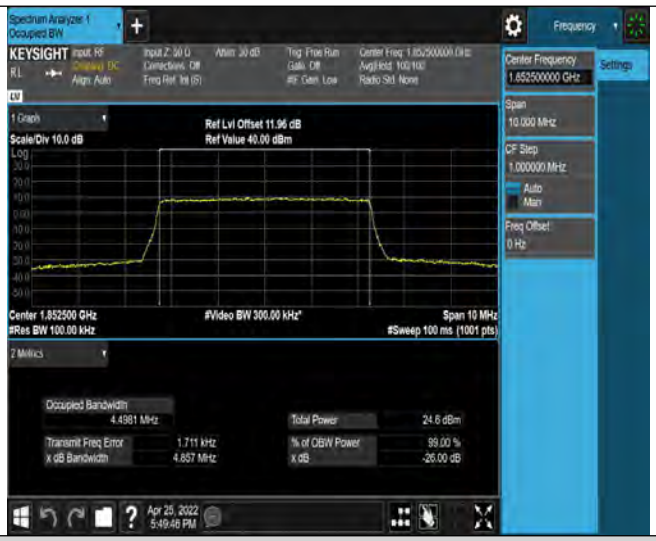


Band2-5MHz-QPSK-19175-25RB#0



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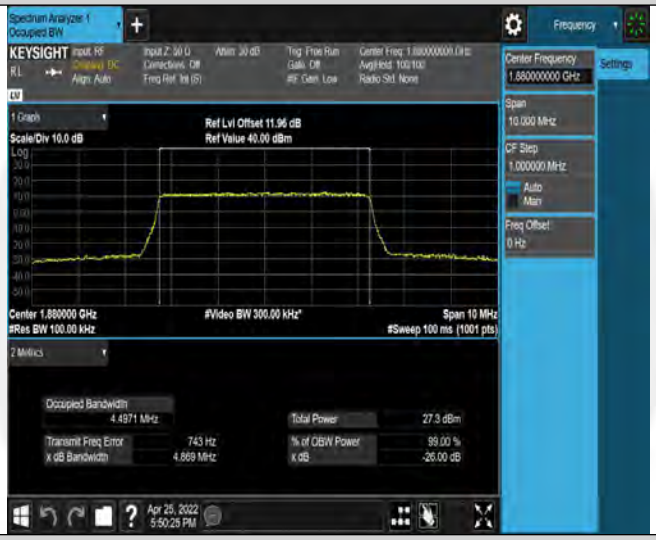
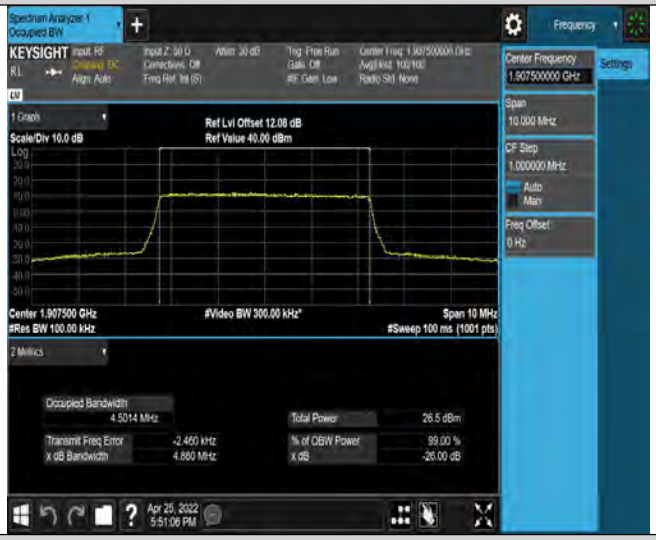
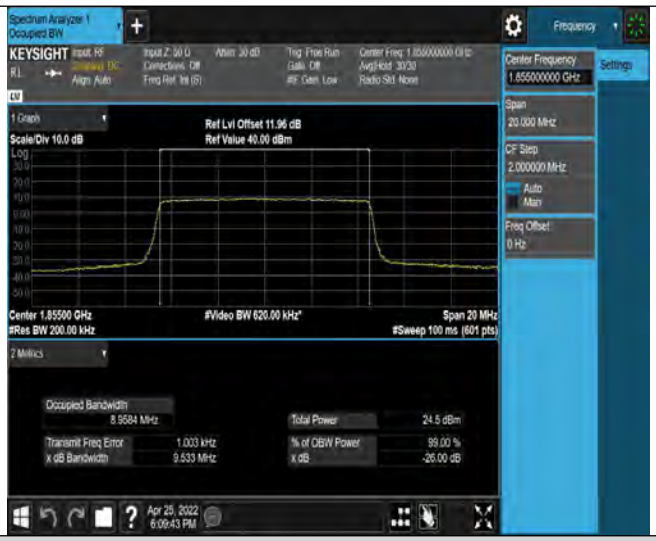


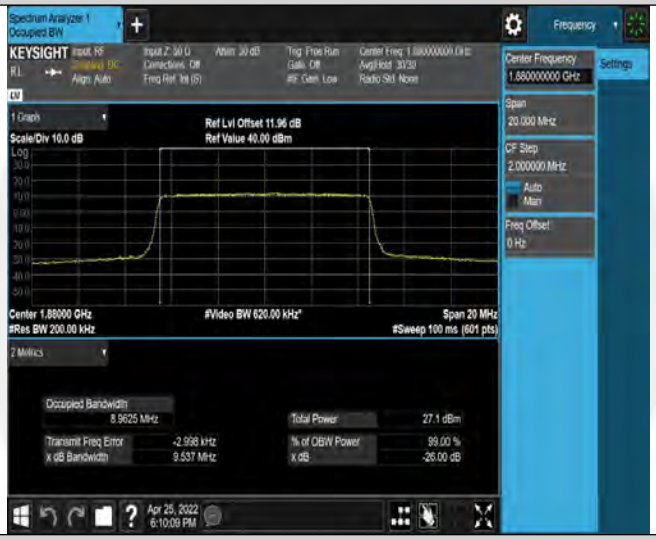
Band2-5MHz-16QAM-18900-25RB#0



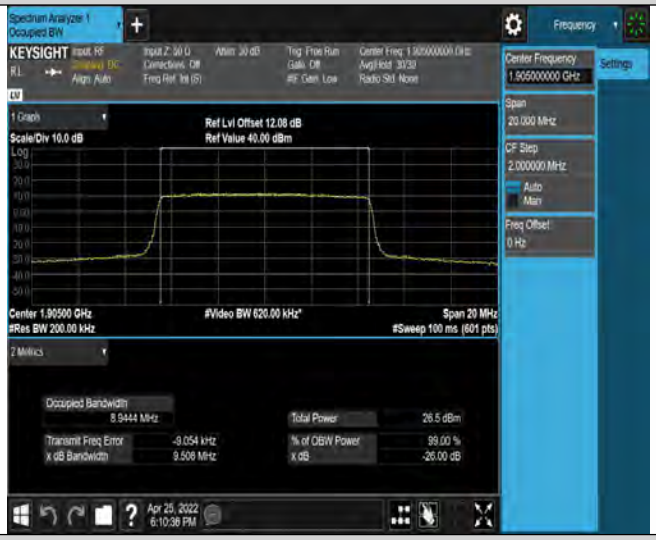
Band2-5MHz-16QAM-19175-25RB#0



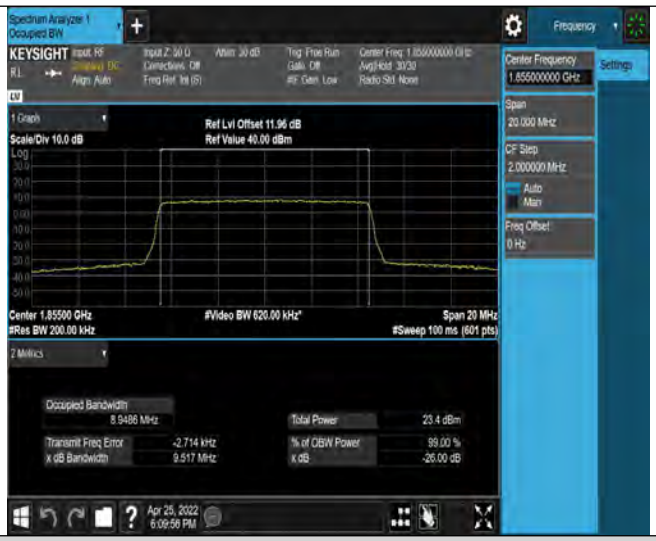
Band2-10MHz-QPSK-18650-50RB#0



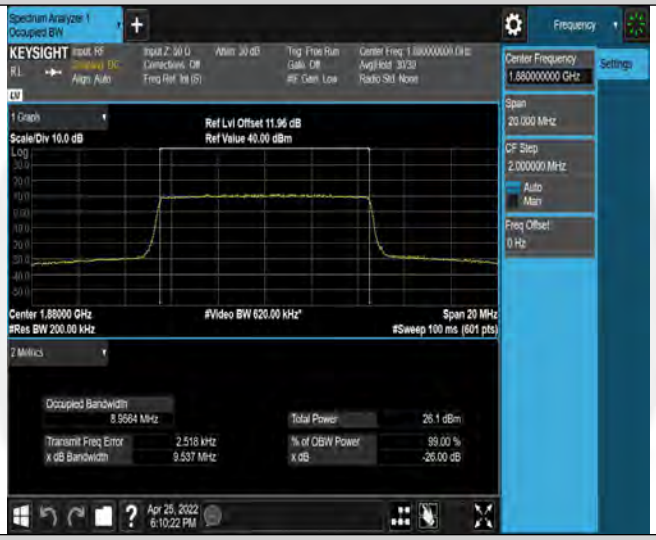
Band2-10MHz-QPSK-18900-50RB#0



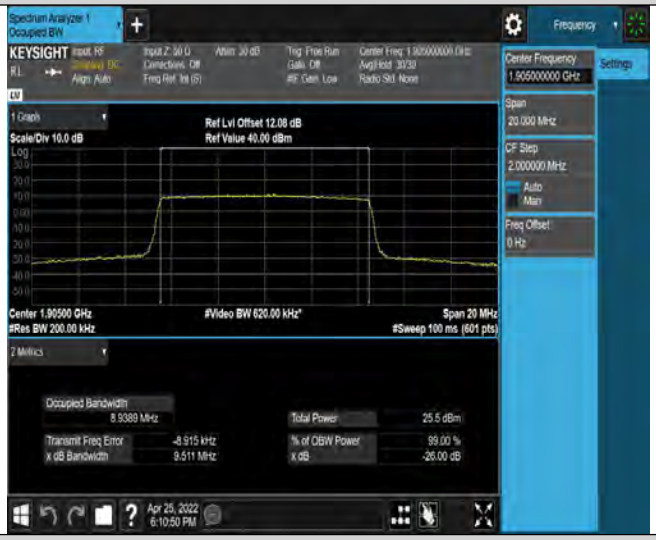
Band2-10MHz-QPSK-19150-50RB#0



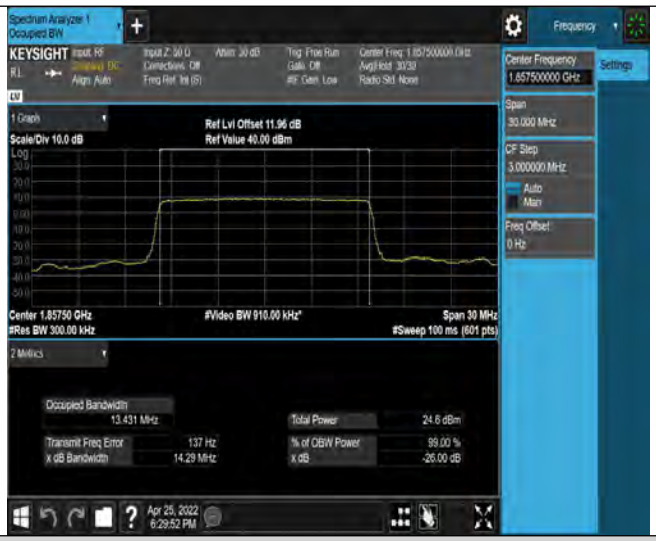
Band2-10MHz-16QAM-18650-50RB#0



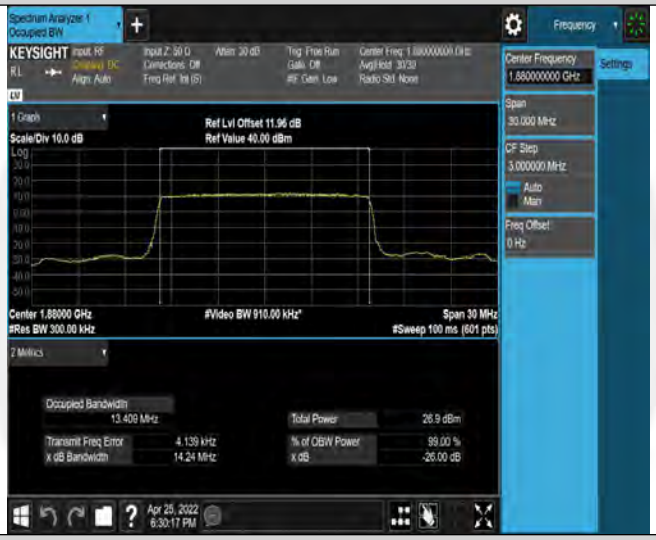
Band2-10MHz-16QAM-18900-50RB#0



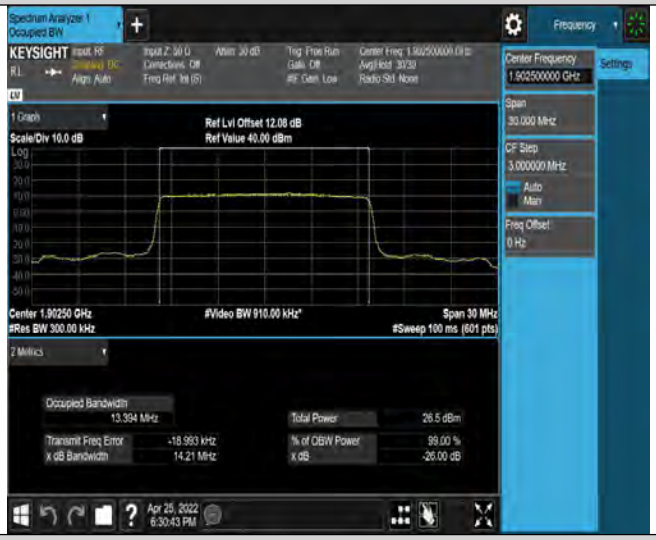
Band2-10MHz-16QAM-19150-50RB#0



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



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



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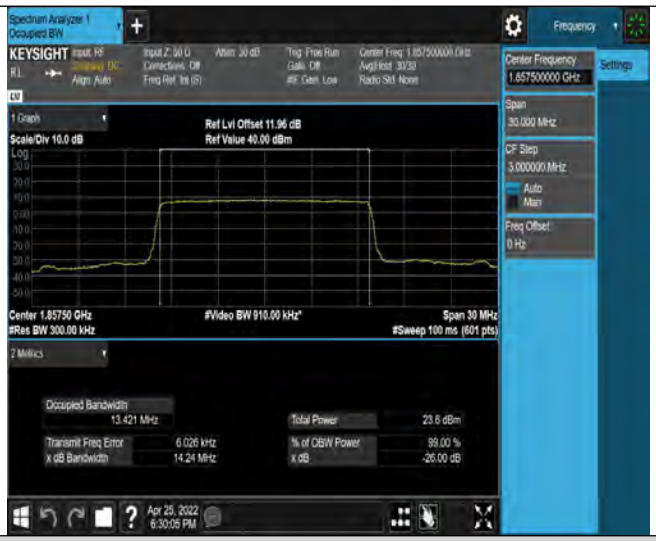
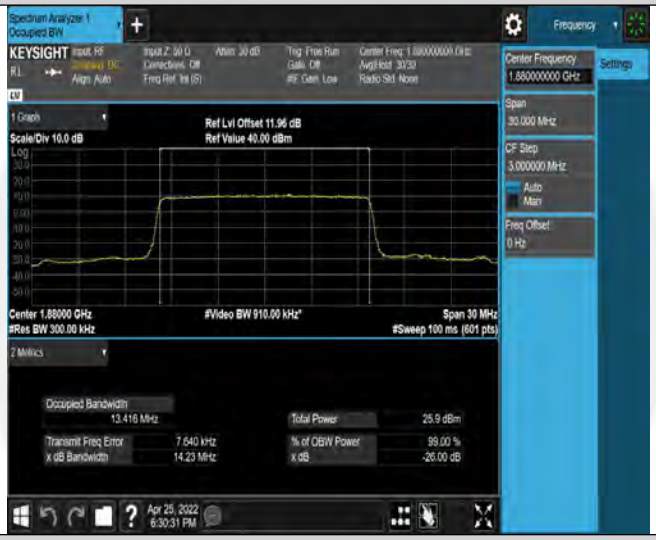
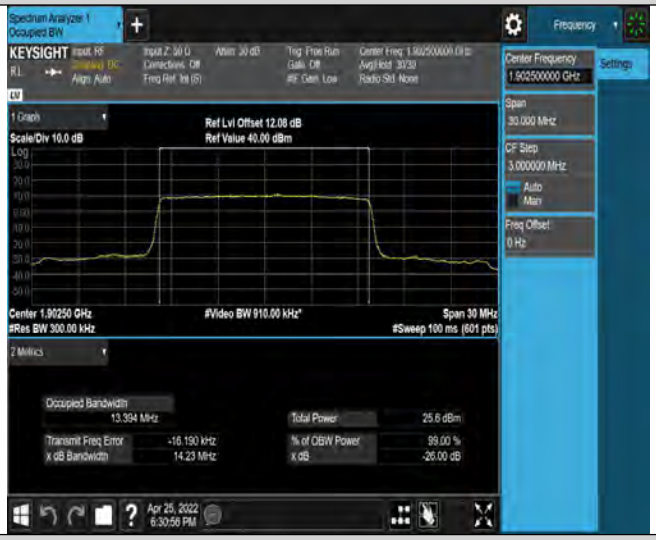


Band2-15MHz-16QAM-18675-75RB#0



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



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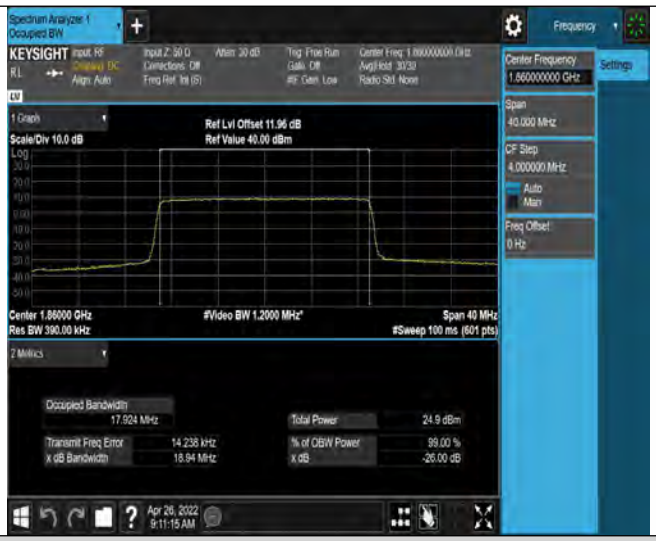
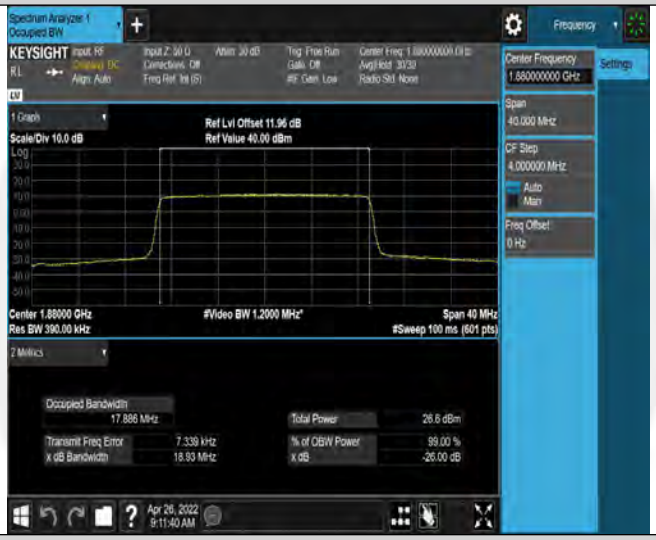
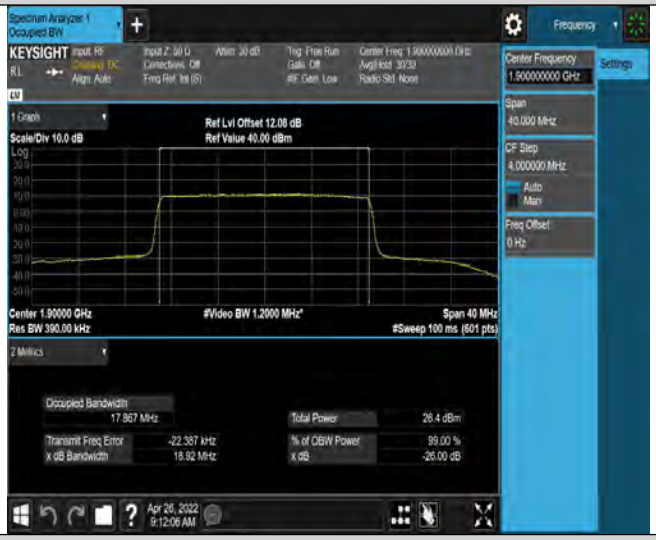


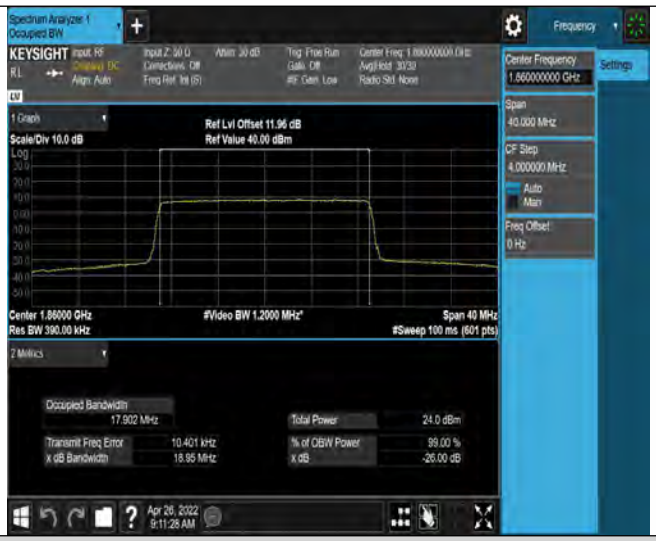
Band2-20MHz-QPSK-18700-100RB#0



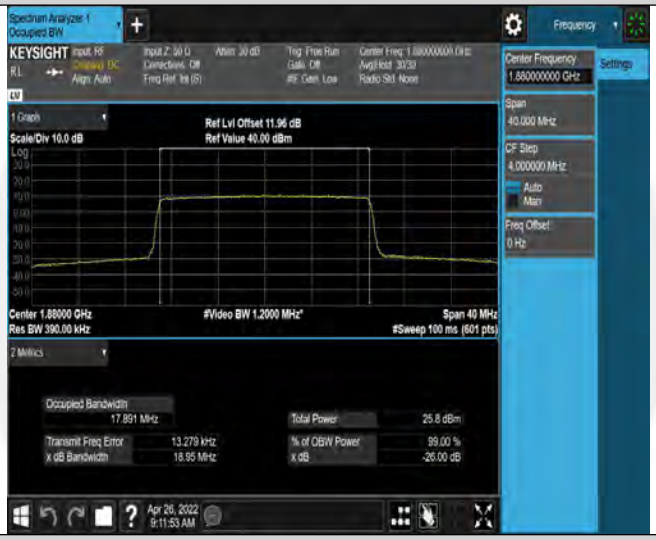
Band2-20MHz-QPSK-18900-100RB#0



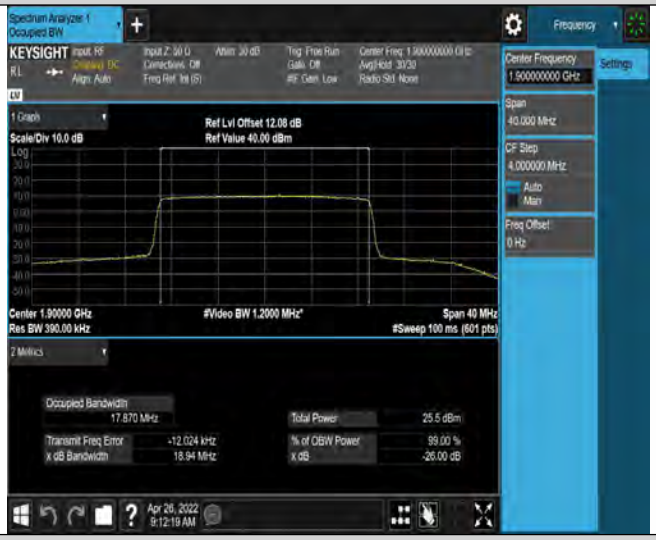
Band2-20MHz-QPSK-19100-100RB#0



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



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



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

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-27.55	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-24.83	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-28.65	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-25.16	PASS
Band2	3MHz	QPSK	18615	15RB#0	-24.93	PASS
Band2	3MHz	QPSK	19185	15RB#0	-24.63	PASS
Band2	3MHz	16QAM	18615	15RB#0	-27.15	PASS
Band2	3MHz	16QAM	19185	15RB#0	-24.20	PASS
Band2	5MHz	QPSK	18625	25RB#0	-24.83	PASS
Band2	5MHz	QPSK	19175	25RB#0	-23.35	PASS
Band2	5MHz	16QAM	18625	25RB#0	-26.09	PASS
Band2	5MHz	16QAM	19175	25RB#0	-24.91	PASS
Band2	10MHz	QPSK	18650	50RB#0	-28.25	PASS
Band2	10MHz	QPSK	19150	50RB#0	-26.72	PASS
Band2	10MHz	16QAM	18650	50RB#0	-28.78	PASS
Band2	10MHz	16QAM	19150	50RB#0	-28.07	PASS
Band2	15MHz	QPSK	18675	75RB#0	-30.21	PASS
Band2	15MHz	QPSK	19125	75RB#0	-27.46	PASS
Band2	15MHz	16QAM	18675	75RB#0	-31.10	PASS
Band2	15MHz	16QAM	19125	75RB#0	-28.88	PASS
Band2	20MHz	QPSK	18700	100RB#0	-31.50	PASS
Band2	20MHz	QPSK	19100	100RB#0	-28.37	PASS
Band2	20MHz	16QAM	18700	100RB#0	-32.01	PASS
Band2	20MHz	16QAM	19100	100RB#0	-29.05	PASS

Test Graphs

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

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

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

Band2-1.4MHz-16QAM-19193-6RB#0

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

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

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

Band2-3MHz-16QAM-19185-15RB#0

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

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

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

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

Band2-10MHz-QPSK-18650-50RB#0

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

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

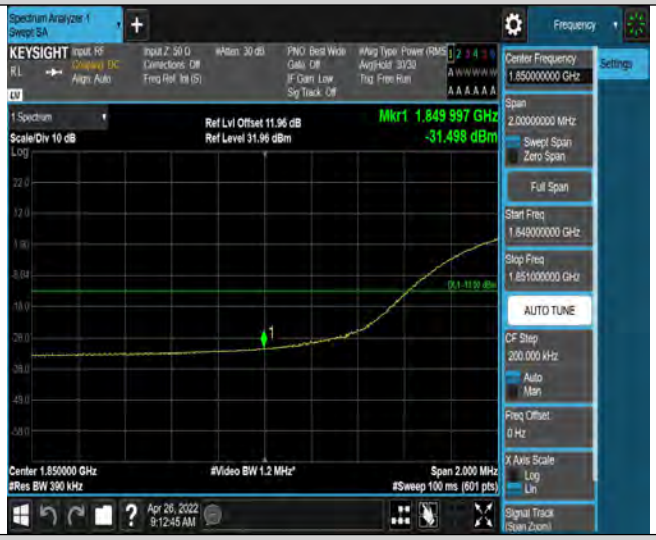
Band2-10MHz-16QAM-19150-50RB#0

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

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

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

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



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

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

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

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

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-30.91	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~2000MHz	-35.97	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range3:2000~20000MHz	-42.39	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-29.29	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-35.98	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-36.78	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-31.32	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~2000MHz	-37.13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range3:2000~20000MHz	-40.17	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-30.85	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~2000MHz	-36.88	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range3:2000~20000MHz	-42.21	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-32.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.45	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-38.98	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-30.85	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~	-35.93	PASS

					2000MHz		
Band2	1.4MHz	16QAM	19193	1RB#0	Range3:2000~20000MHz	-42.36	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:30~1000MHz	-30.78	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:1000~2000MHz	-35.49	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range3:2000~20000MHz	-42.55	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-31.21	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-36.63	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-41.36	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:30~1000MHz	-30.91	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:1000~2000MHz	-36.04	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range3:2000~20000MHz	-42.57	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range1:30~1000MHz	-31.54	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range2:1000~2000MHz	-35.34	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range3:2000~20000MHz	-42.22	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-30.96	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-34.81	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-41.15	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range1:30~1000MHz	-31.52	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range2:1000~2000MHz	-37.16	PASS

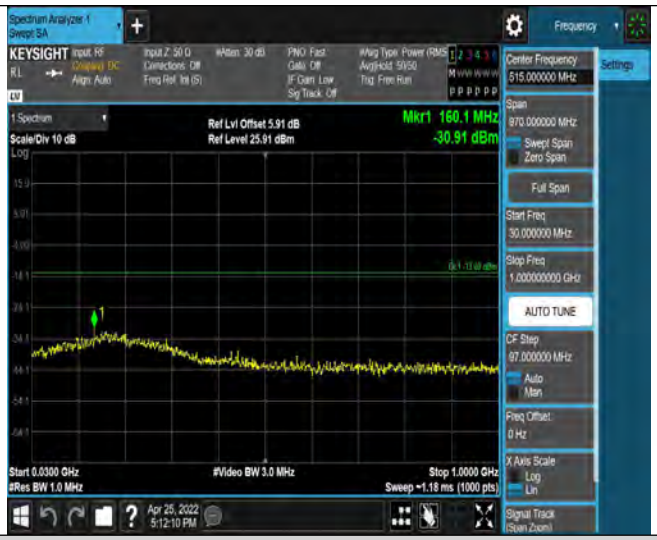
Band2	3MHz	16QAM	19185	1RB#0	Range3:2000~20000MHz	-41.84	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:30~1000MHz	-31.52	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range2:1000~2000MHz	-35.59	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range3:2000~20000MHz	-41.88	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-31.4	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-36.44	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-38.39	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:30~1000MHz	-30.74	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range2:1000~2000MHz	-36.04	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range3:2000~20000MHz	-42.22	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range1:30~1000MHz	-31.78	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range2:1000~2000MHz	-36.51	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range3:2000~20000MHz	-42.63	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-31.16	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-34.78	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-39.57	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range1:30~1000MHz	-31.11	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range2:1000~2000MHz	-36.2	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range3:2000~	-39.62	PASS

					20000MHz		
Band2	10MHz	QPSK	18650	1RB#0	Range1:30~1000MHz	-31.79	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range2:1000~2000MHz	-36.59	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range3:2000~20000MHz	-42.55	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-30.65	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-35.84	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-40.59	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range1:30~1000MHz	-31.49	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range2:1000~2000MHz	-33.4	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range3:2000~20000MHz	-42.53	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range1:30~1000MHz	-31.8	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range2:1000~2000MHz	-34.27	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range3:2000~20000MHz	-41.63	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-31.67	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.11	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-42.6	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range1:30~1000MHz	-31.4	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range2:1000~2000MHz	-36.88	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range3:2000~20000MHz	-42.4	PASS

Band2	15MHz	QPSK	18675	1RB#0	Range1:30~1000MHz	-30.99	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range2:1000~2000MHz	-36.26	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range3:2000~20000MHz	-43.07	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-31.13	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-34.14	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-41.07	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range1:30~1000MHz	-31.8	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range2:1000~2000MHz	-36.13	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range3:2000~20000MHz	-42.87	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range1:30~1000MHz	-30.97	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range2:1000~2000MHz	-36.39	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range3:2000~20000MHz	-41.99	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-31.41	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.63	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-41.49	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range1:30~1000MHz	-31.13	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range2:1000~2000MHz	-36.2	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range3:2000~20000MHz	-42.43	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~10	-31.08	PASS

					00MHz		
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~2000MHz	-35.7	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:2000~20000MHz	-41.13	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-31.22	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-35.78	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-40.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-30.33	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~2000MHz	-36.32	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:2000~20000MHz	-41.59	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-31.61	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~2000MHz	-34.73	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:2000~20000MHz	-39.85	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-30.76	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.67	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-42.39	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-31.45	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~2000MHz	-36.85	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:2000~20000MHz	-41.95	PASS

Test Graphs



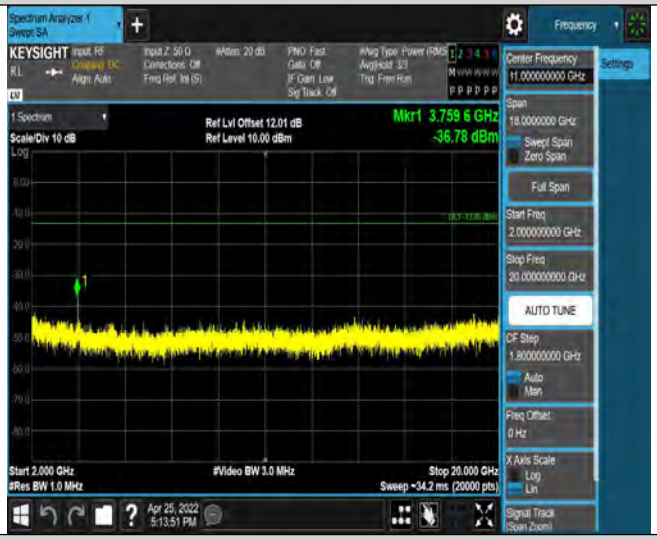
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz

Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~2000MHz

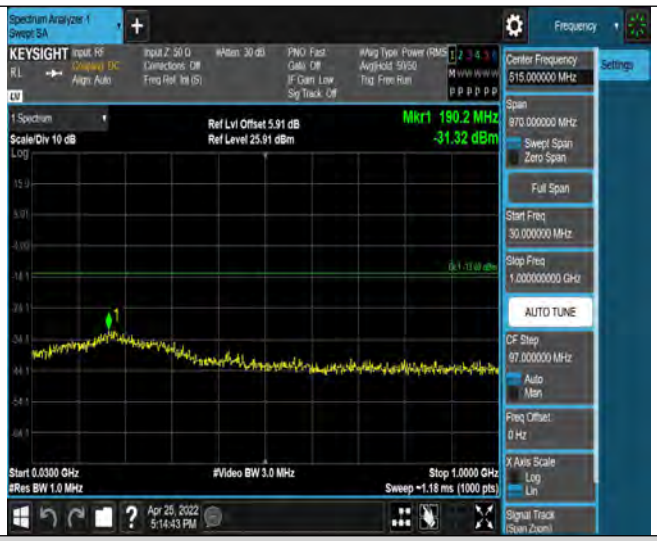
Band2-1.4MHz-QPSK-18607-1RB#0-Range3:2000~20000MHz

Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz

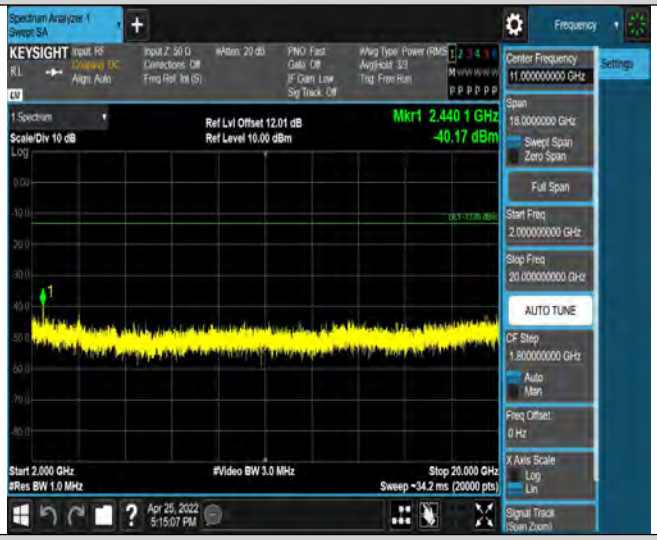


Band2-1.4MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz

Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~2000MHz

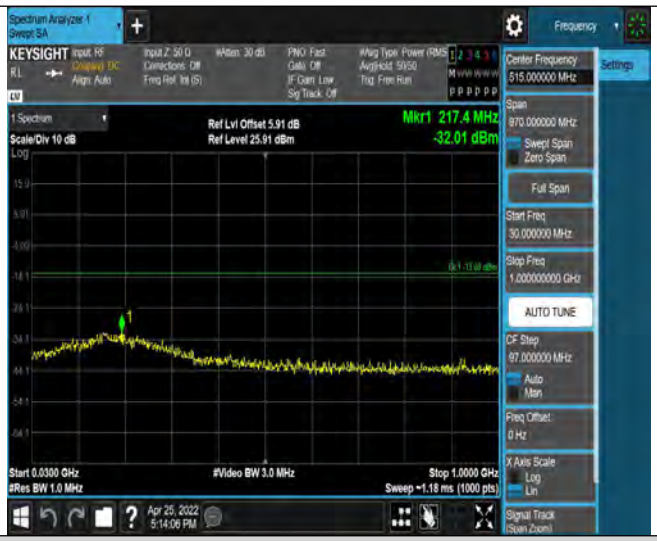


Band2-1.4MHz-QPSK-19193-1RB#0-Range3:2000~20000MHz

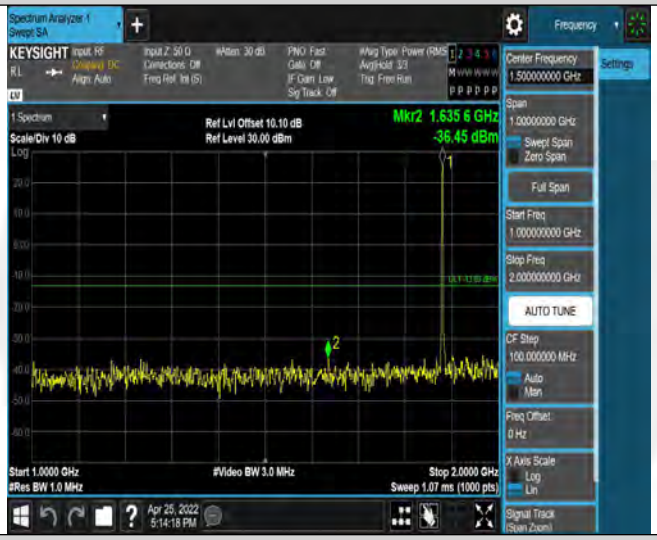
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz

Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~2000MHz

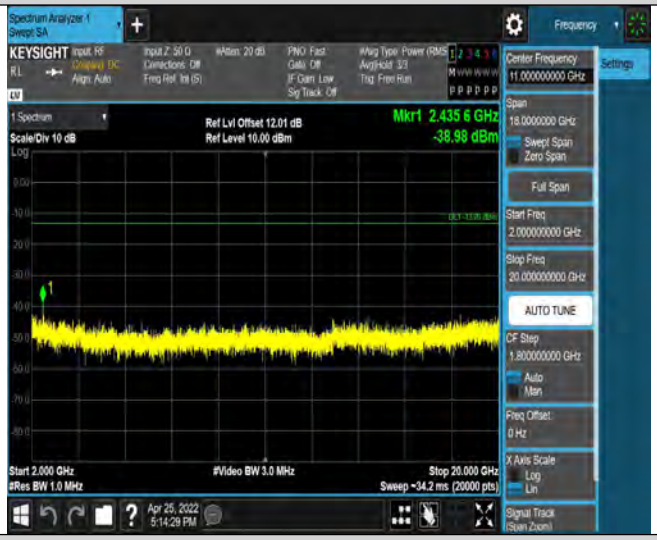
Band2-1.4MHz-16QAM-18607-1RB#0-Range3:2000~20000MHz



Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



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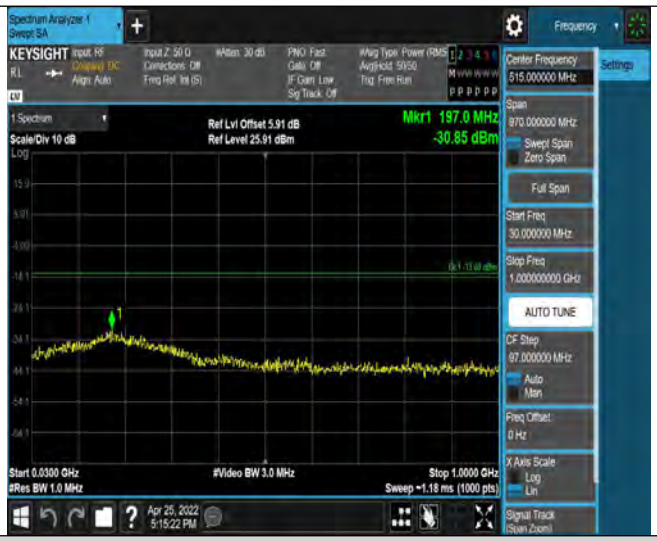
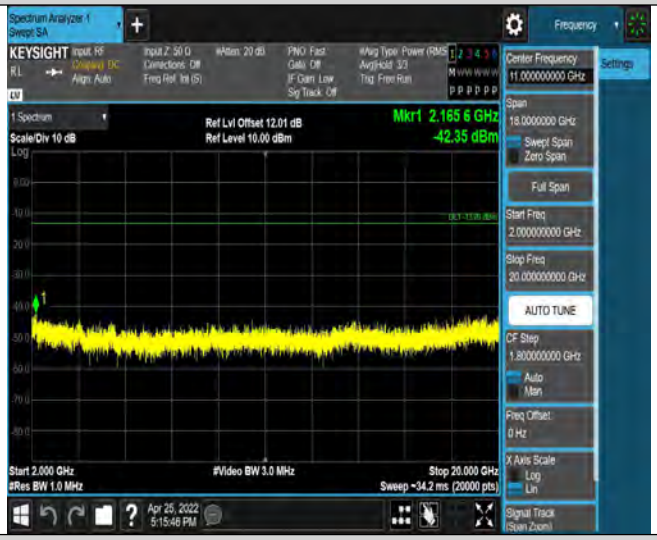
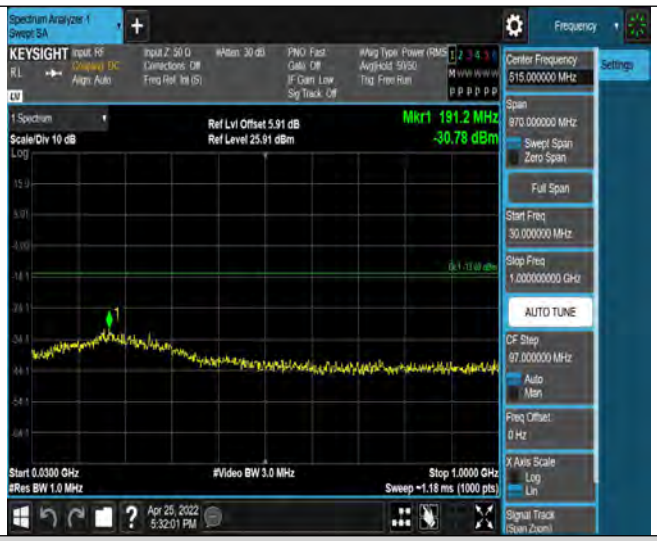


Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz

Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~2000MHz

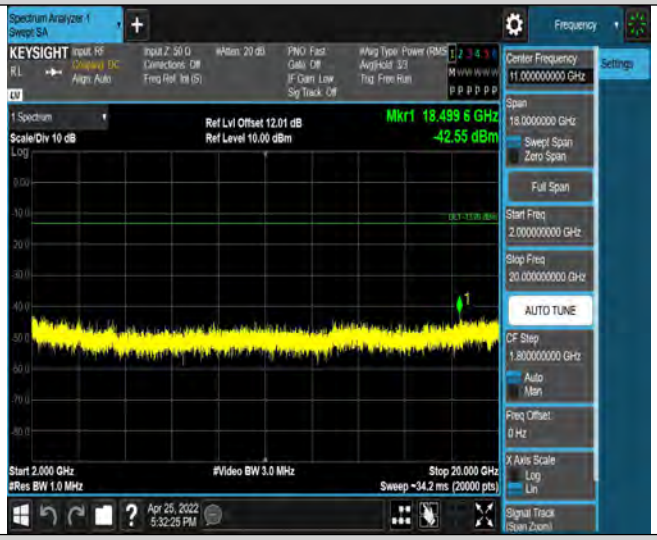


Band2-1.4MHz-16QAM-19193-1RB#0-Range3:2000~20000MHz



Band2-3MHz-QPSK-18615-1RB#0-Range1:30~1000MHz

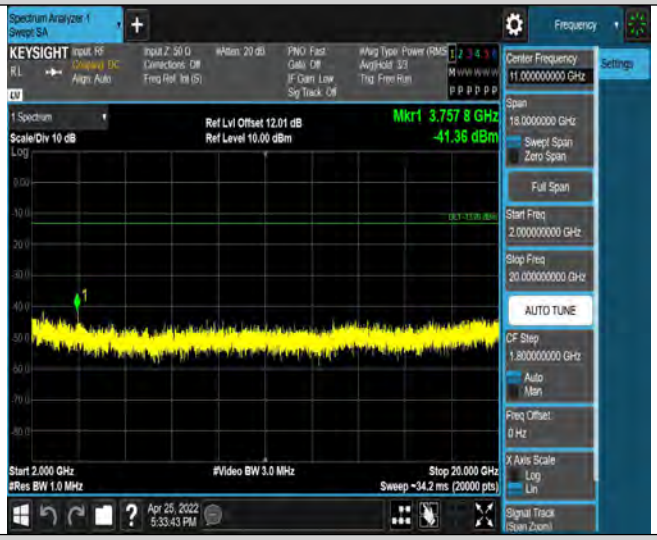
Band2-3MHz-QPSK-18615-1RB#0-Range2:1000~2000MHz



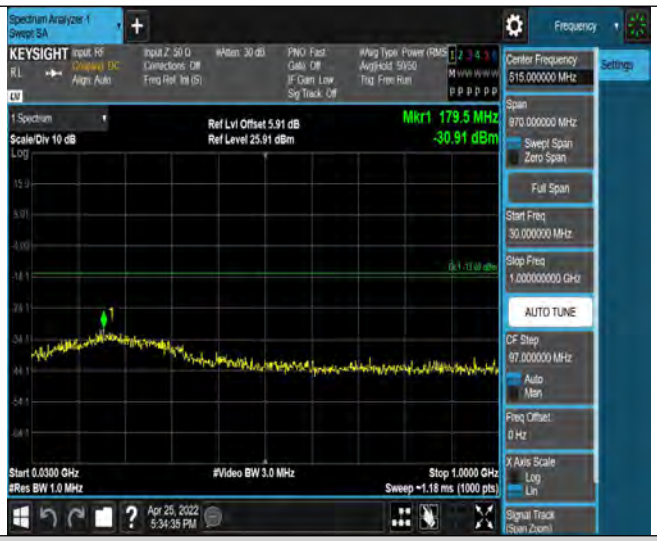
Band2-3MHz-QPSK-18615-1RB#0-Range3:2000~20000MHz

Band2-3MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

Band2-3MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz

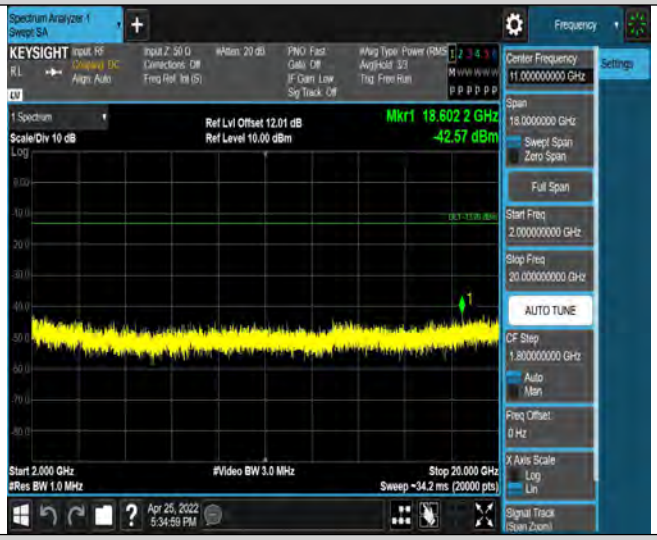


Band2-3MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz

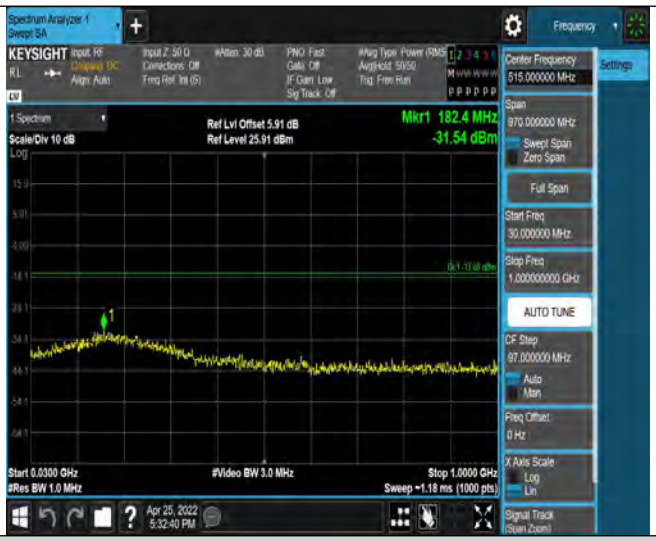


Band2-3MHz-QPSK-19185-1RB#0-Range1:30~1000MHz

Band2-3MHz-QPSK-19185-1RB#0-Range2:1000~2000MHz

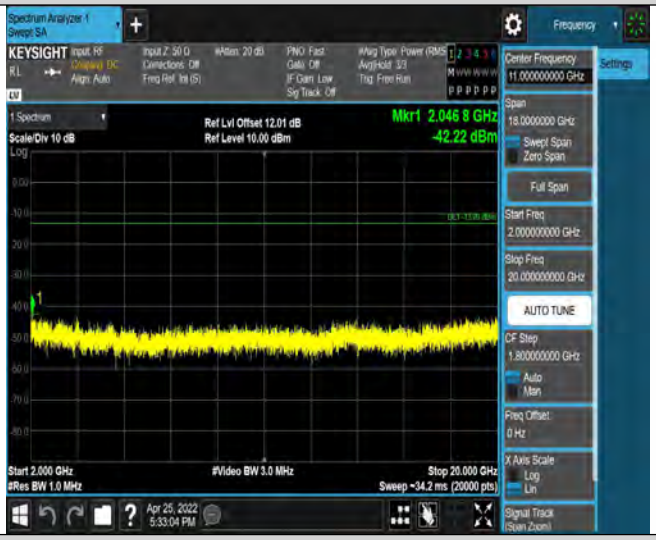


Band2-3MHz-QPSK-19185-1RB#0-Range3:2000~20000MHz



Band2-3MHz-16QAM-18615-1RB#0-Range1:30~1000MHz

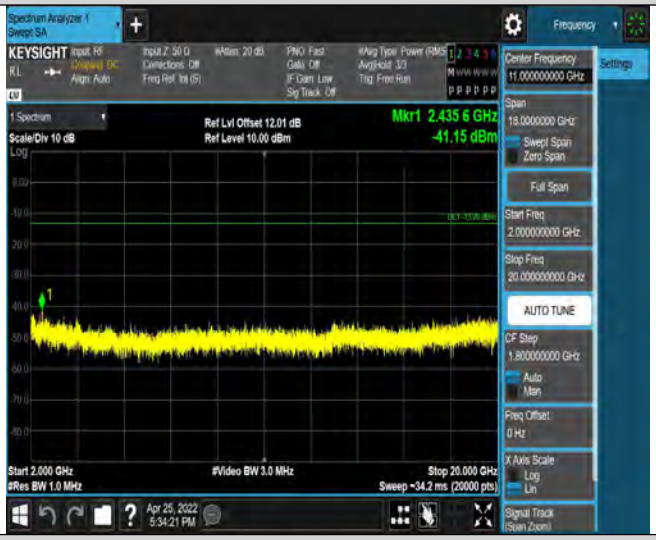
Band2-3MHz-16QAM-18615-1RB#0-Range2:1000~2000MHz



Band2-3MHz-16QAM-18615-1RB#0-Range3:2000~20000MHz

Band2-3MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

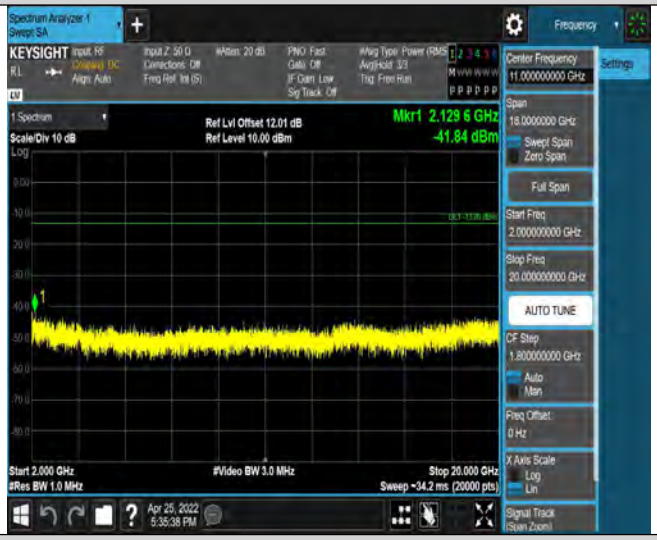
Band2-3MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



Band2-3MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz

Band2-3MHz-16QAM-19185-1RB#0-Range1:30~1000MHz

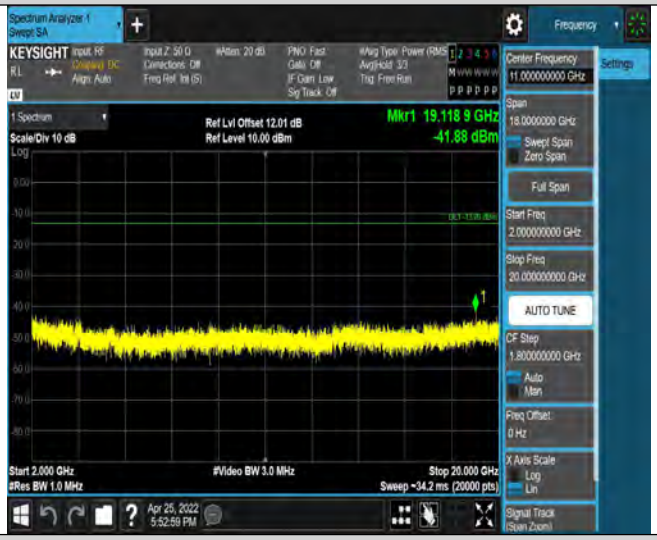
Band2-3MHz-16QAM-19185-1RB#0-Range2:1000~2000MHz



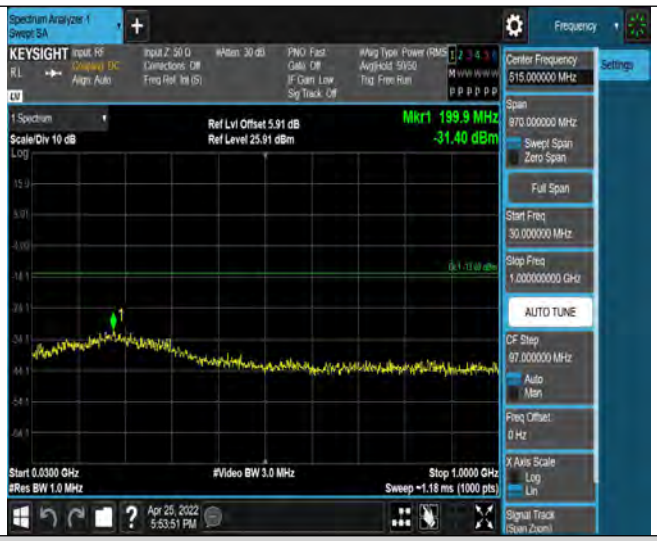
Band2-3MHz-16QAM-19185-1RB#0-Range3:2000~20000MHz

Band2-5MHz-QPSK-18625-1RB#0-Range1:30~1000MHz

Band2-5MHz-QPSK-18625-1RB#0-Range2:1000~2000MHz

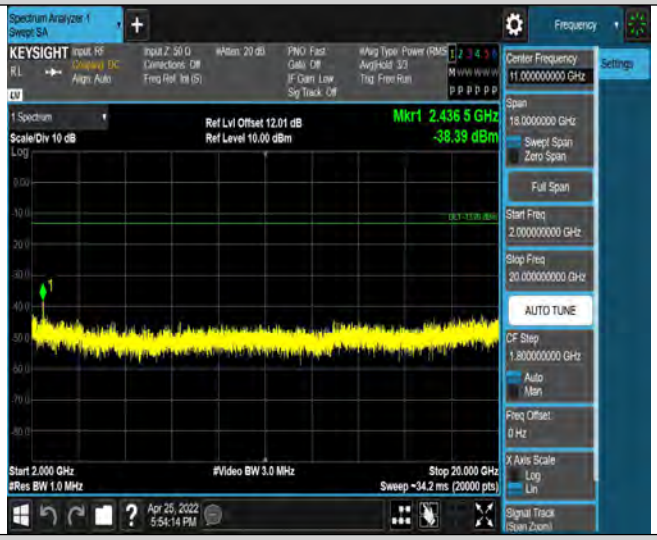


Band2-5MHz-QPSK-18625-1RB#0-Range3:2000~20000MHz



Band2-5MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

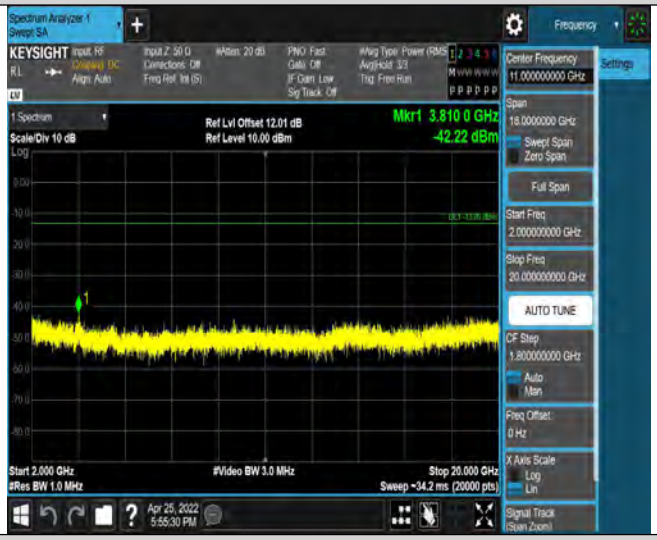
Band2-5MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



Band2-5MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz

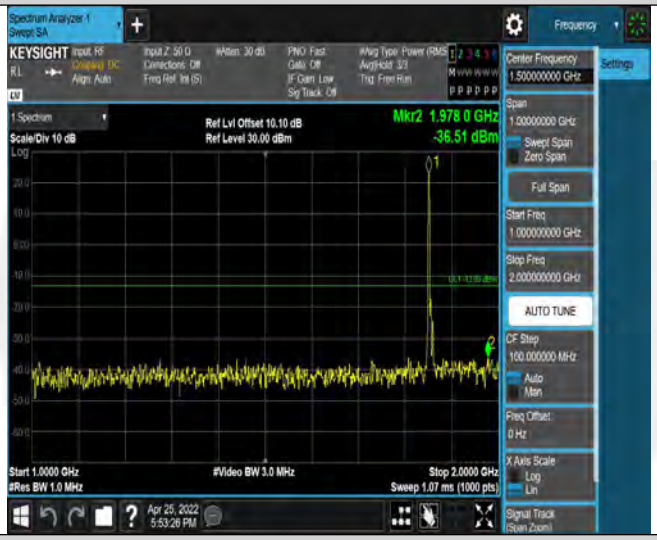
Band2-5MHz-QPSK-19175-1RB#0-Range1:30~1000MHz

Band2-5MHz-QPSK-19175-1RB#0-Range2:1000~2000MHz

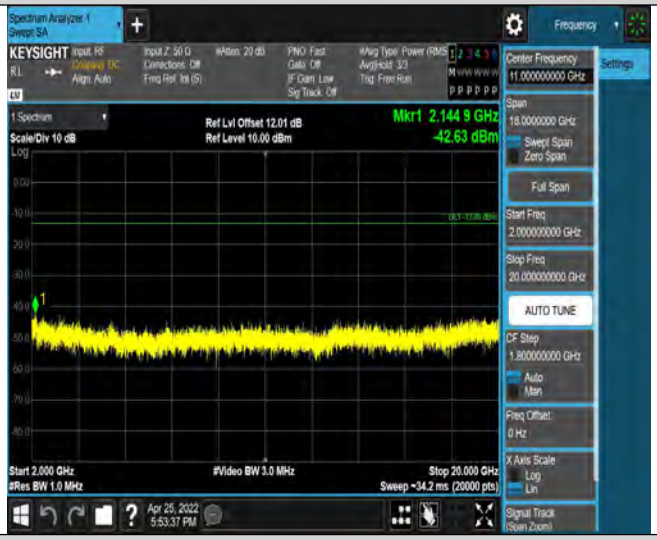


Band2-5MHz-QPSK-19175-1RB#0-Range3:2000~20000MHz

Band2-5MHz-16QAM-18625-1RB#0-Range1:30~1000MHz



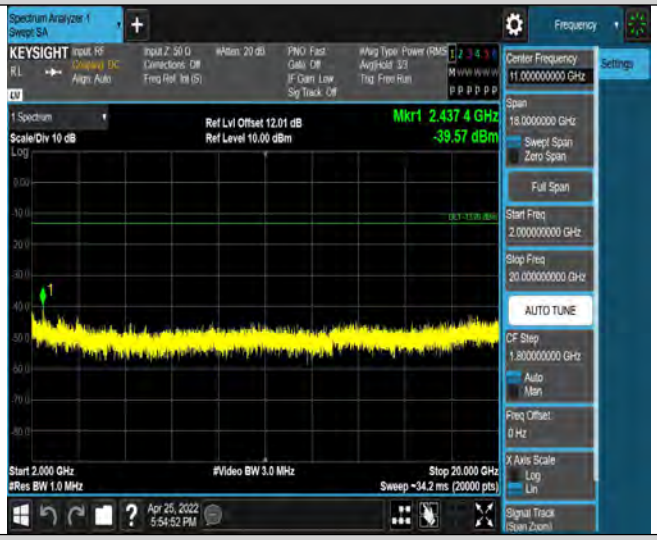
Band2-5MHz-16QAM-18625-1RB#0-Range2:1000~2000MHz



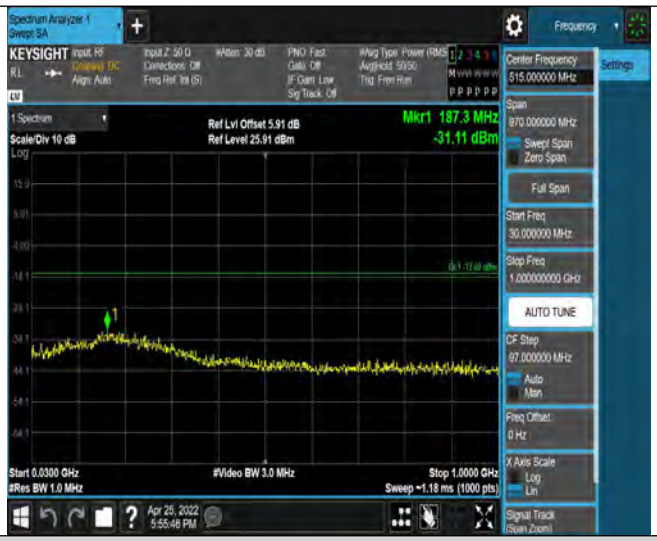
Band2-5MHz-16QAM-18625-1RB#0-Range3:2000~20000MHz

Band2-5MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

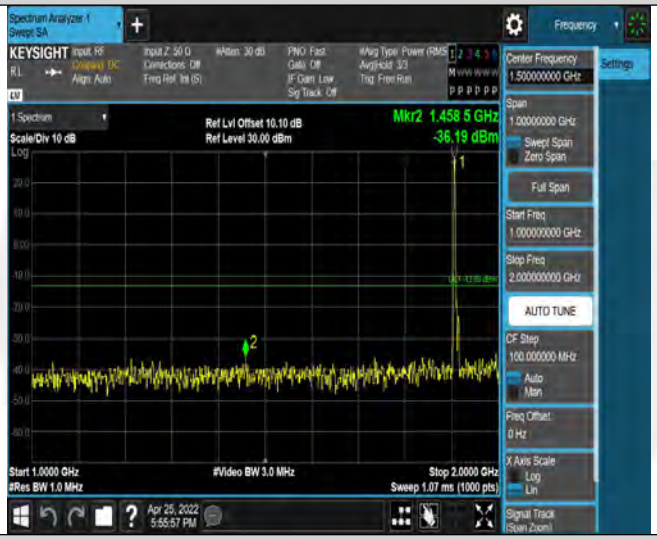
Band2-5MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



Band2-5MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz

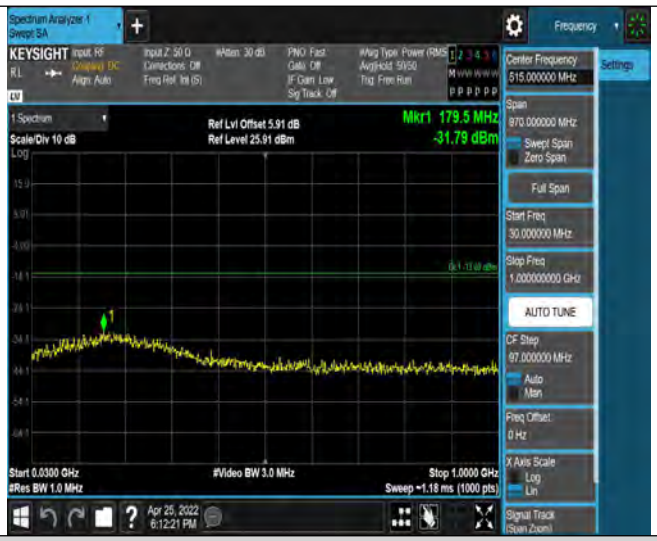


Band2-5MHz-16QAM-19175-1RB#0-Range1:30~1000MHz



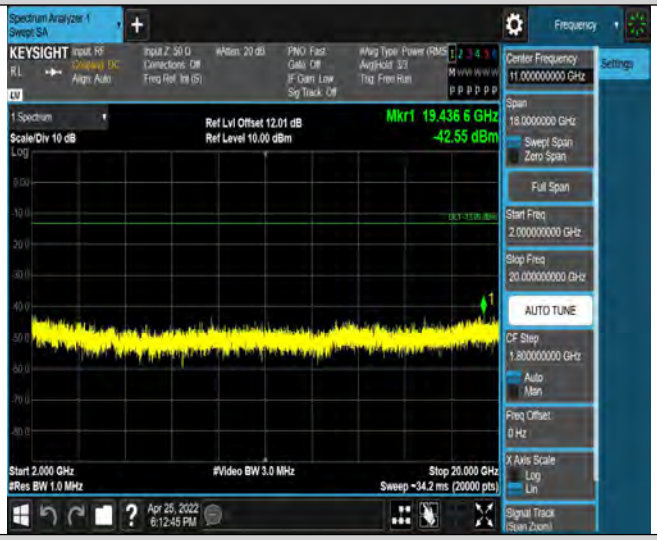
Band2-5MHz-16QAM-19175-1RB#0-Range2:1000~2000MHz

Band2-5MHz-16QAM-19175-1RB#0-Range3:2000~20000MHz



Band2-10MHz-QPSK-18650-1RB#0-Range1:30~1000MHz

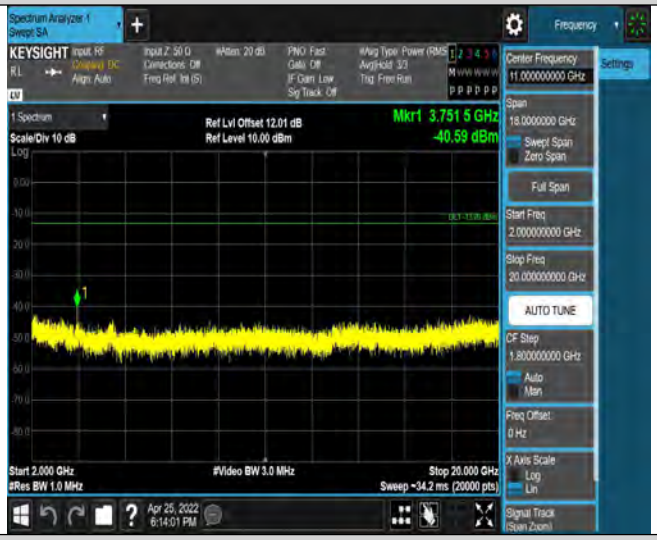
Band2-10MHz-QPSK-18650-1RB#0-Range2:1000~2000MHz



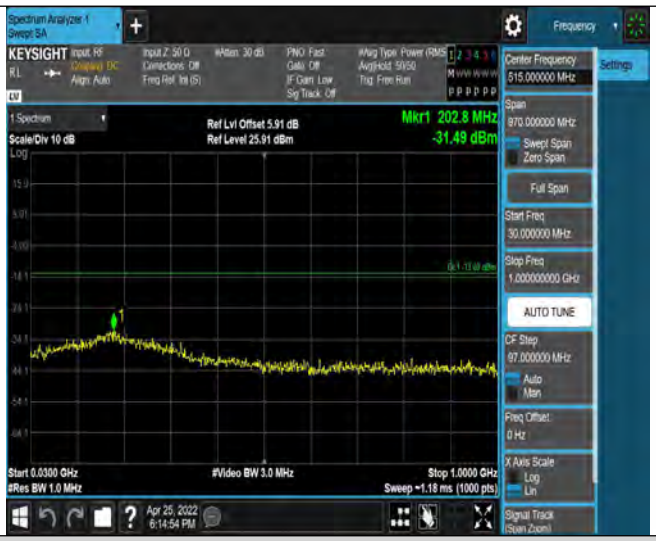
Band2-10MHz-QPSK-18650-1RB#0-Range3:2000~20000MHz

Band2-10MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

Band2-10MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz

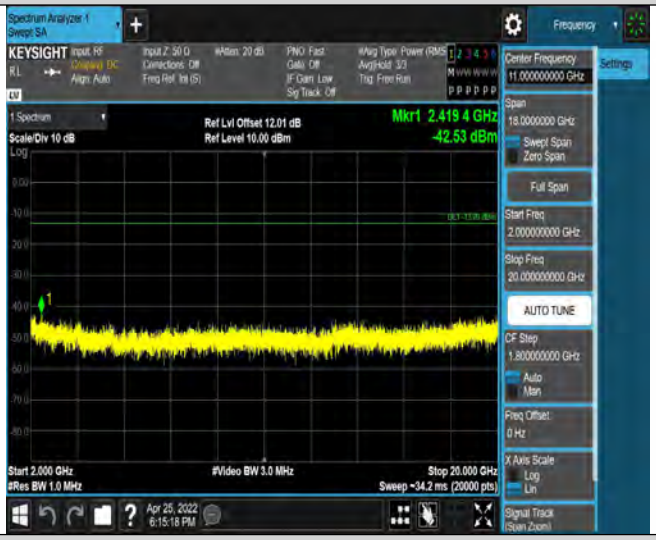


Band2-10MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



Band2-10MHz-QPSK-19150-1RB#0-Range1:30~1000MHz

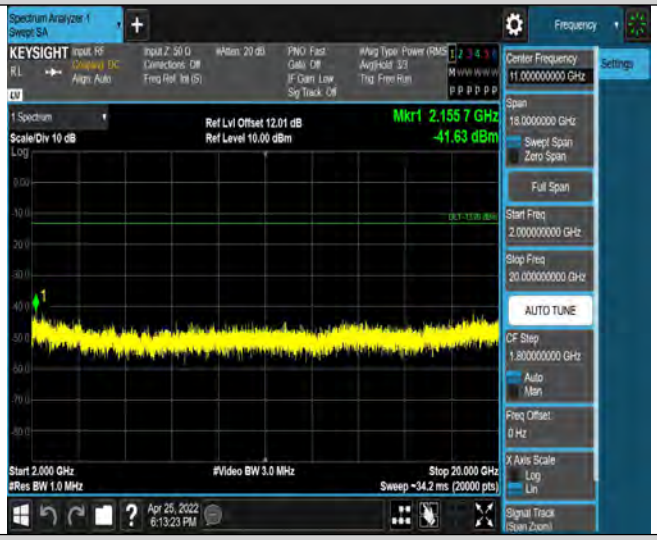
Band2-10MHz-QPSK-19150-1RB#0-Range2:1000~2000MHz



Band2-10MHz-QPSK-19150-1RB#0-Range3:2000~20000MHz

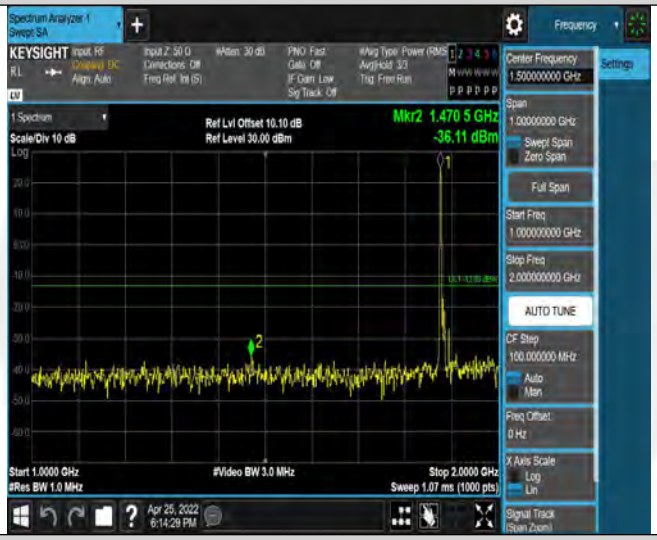
Band2-10MHz-16QAM-18650-1RB#0-Range1:30~1000MHz

Band2-10MHz-16QAM-18650-1RB#0-Range2:1000~2000MHz

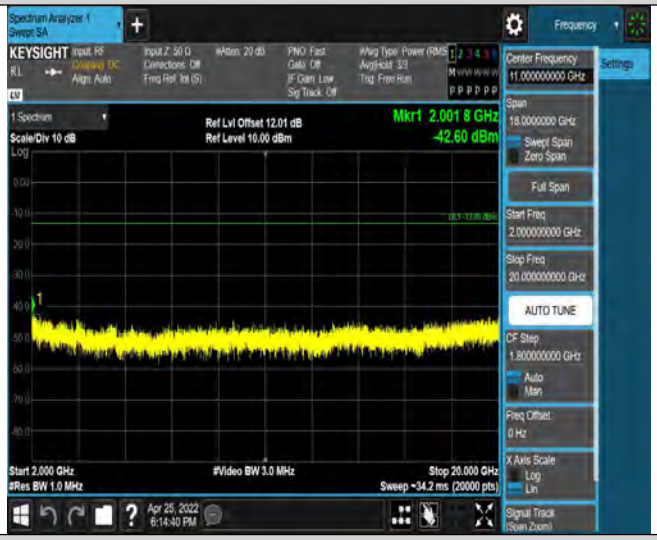


Band2-10MHz-16QAM-18650-1RB#0-Range3:2000~20000MHz

Band2-10MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



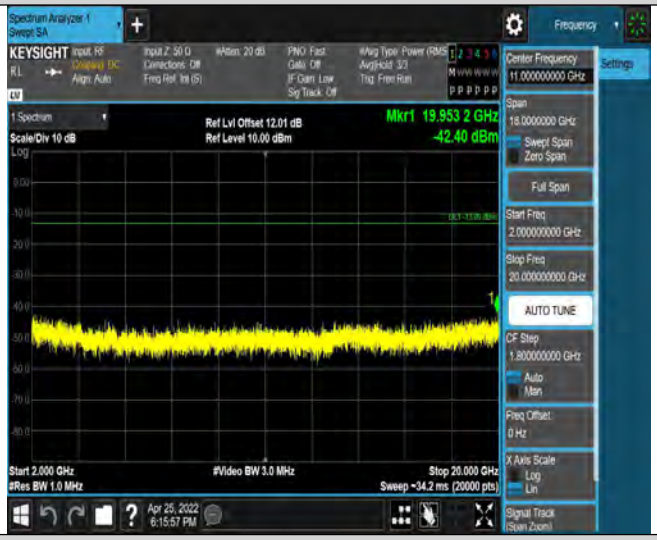
Band2-10MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



Band2-10MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz

Band2-10MHz-16QAM-19150-1RB#0-Range1:30~1000MHz

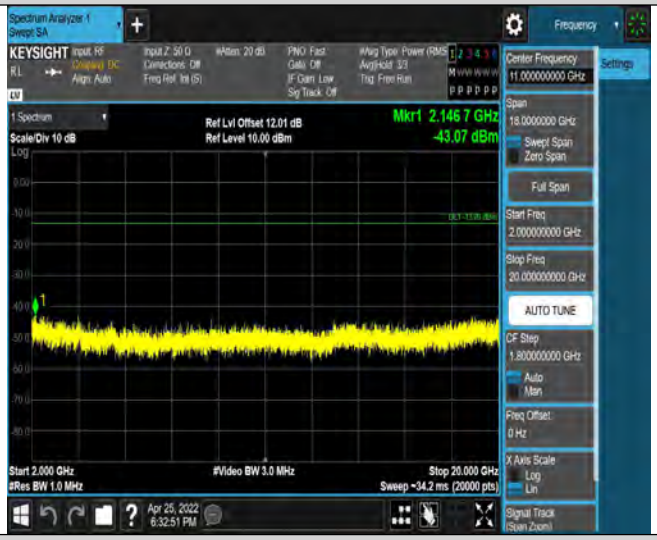
Band2-10MHz-16QAM-19150-1RB#0-Range2:1000~2000MHz



Band2-10MHz-16QAM-19150-1RB#0-Range3:2000~20000MHz

Band2-15MHz-QPSK-18675-1RB#0-Range1:30~1000MHz

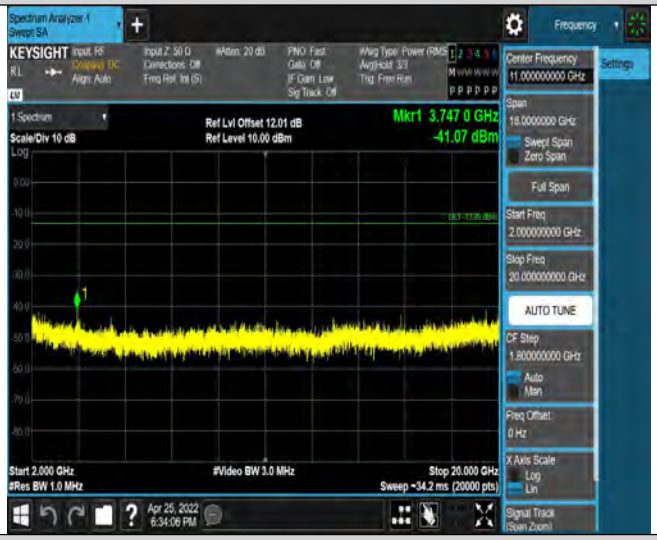
Band2-15MHz-QPSK-18675-1RB#0-Range2:1000~2000MHz



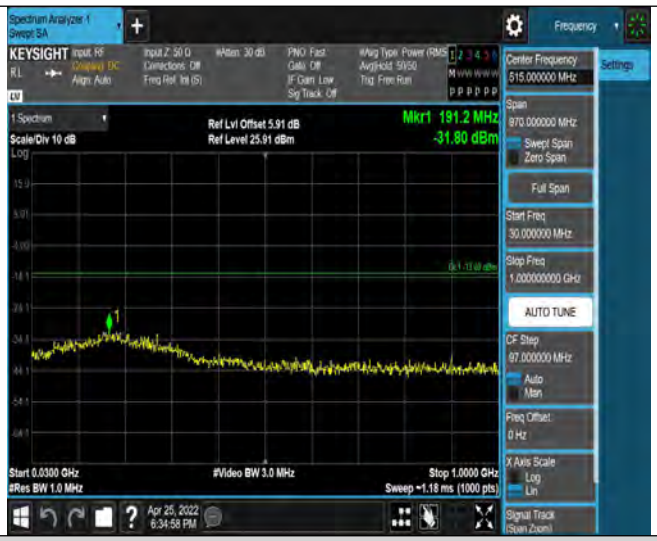
Band2-15MHz-QPSK-18675-1RB#0-Range3:2000~20000MHz

Band2-15MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

Band2-15MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz

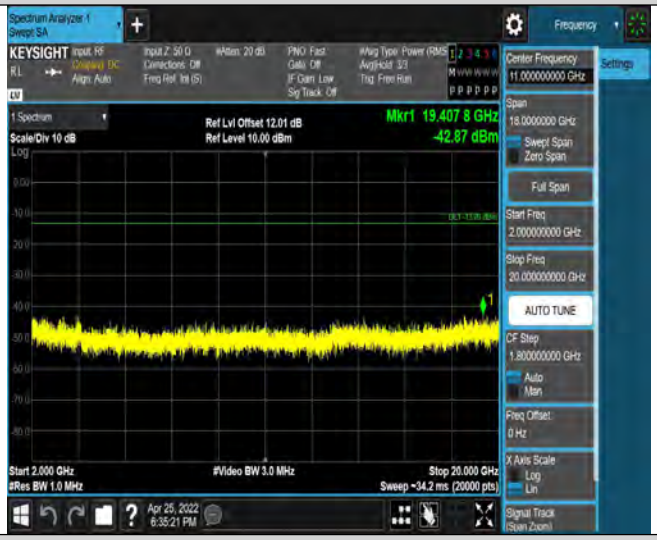


Band2-15MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



Band2-15MHz-QPSK-19125-1RB#0-Range1:30~1000MHz

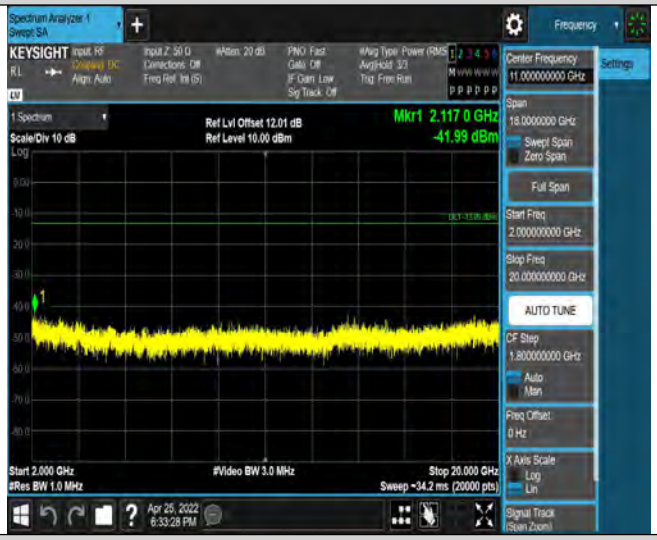
Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~2000MHz



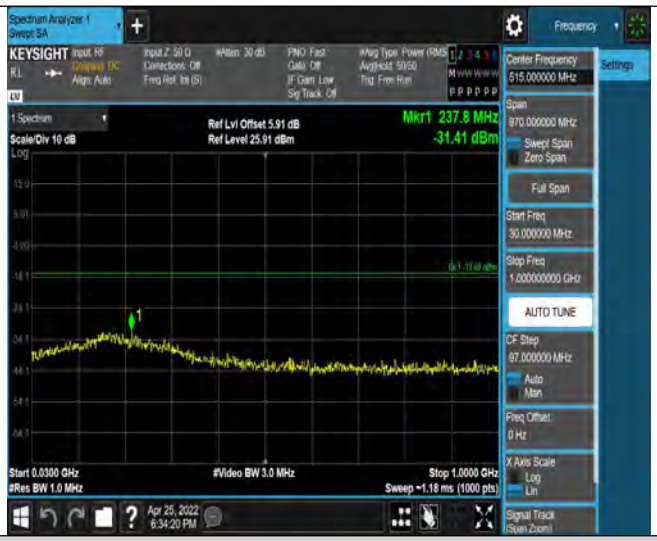
Band2-15MHz-QPSK-19125-1RB#0-Range3:2000~20000MHz

Band2-15MHz-16QAM-18675-1RB#0-Range1:30~1000MHz

Band2-15MHz-16QAM-18675-1RB#0-Range2:1000~2000MHz

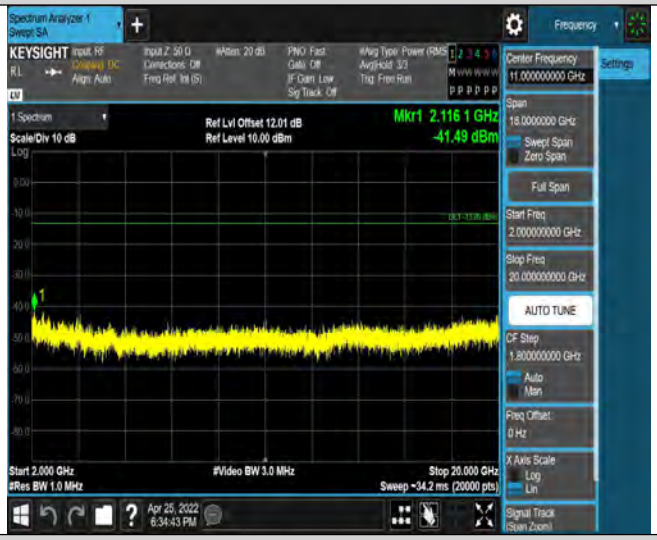


Band2-15MHz-16QAM-18675-1RB#0-Range3:2000~20000MHz



Band2-15MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

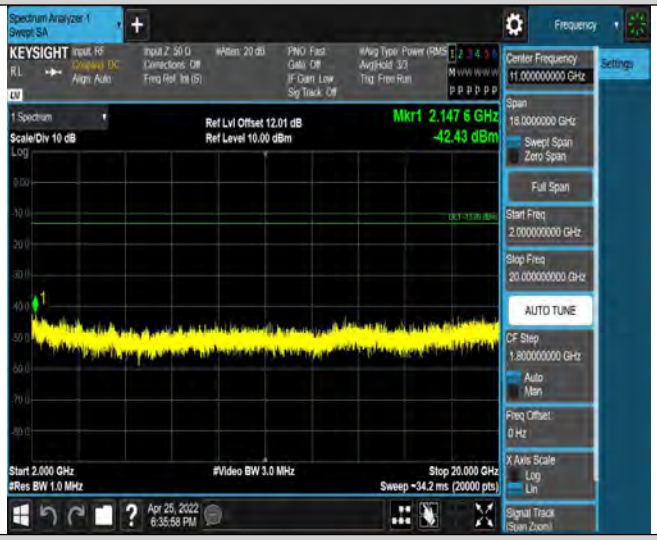
Band2-15MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



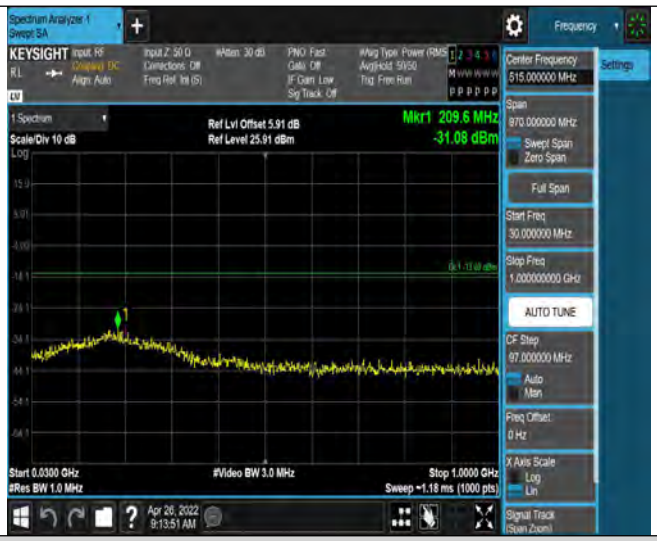
Band2-15MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz

Band2-15MHz-16QAM-19125-1RB#0-Range1:30~1000MHz

Band2-15MHz-16QAM-19125-1RB#0-Range2:1000~2000MHz



Band2-15MHz-16QAM-19125-1RB#0-Range3:2000~20000MHz

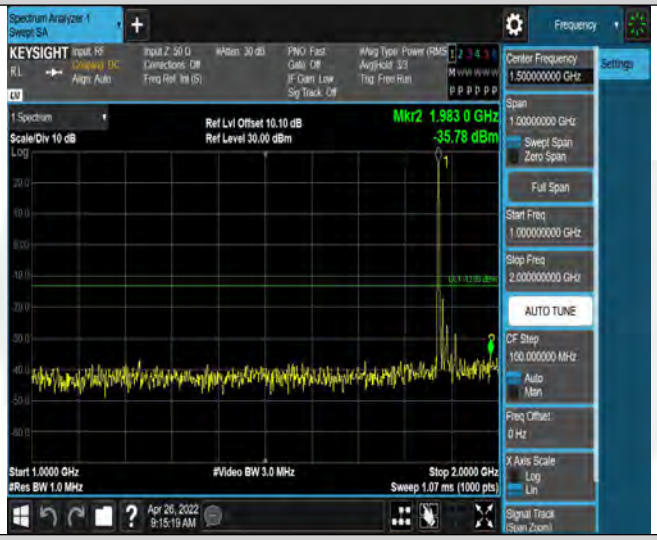


Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz

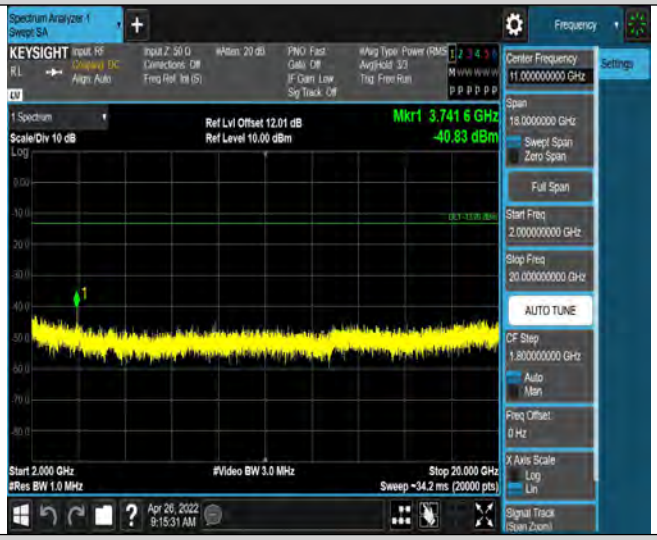
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~2000MHz

Band2-20MHz-QPSK-18700-1RB#0-Range3:2000~20000MHz

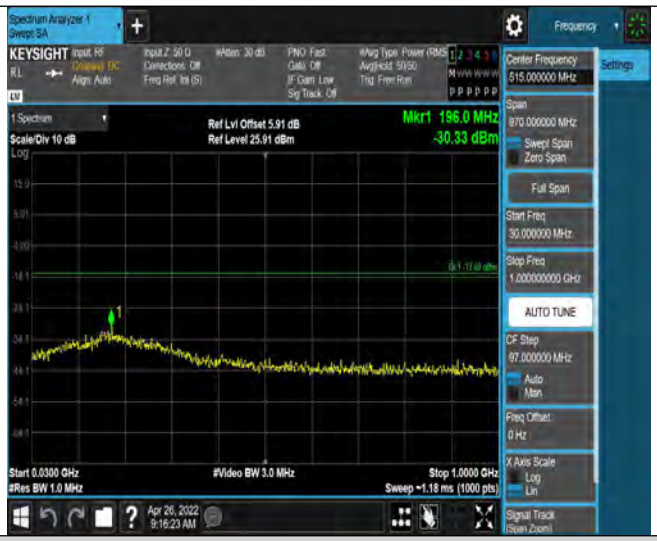
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



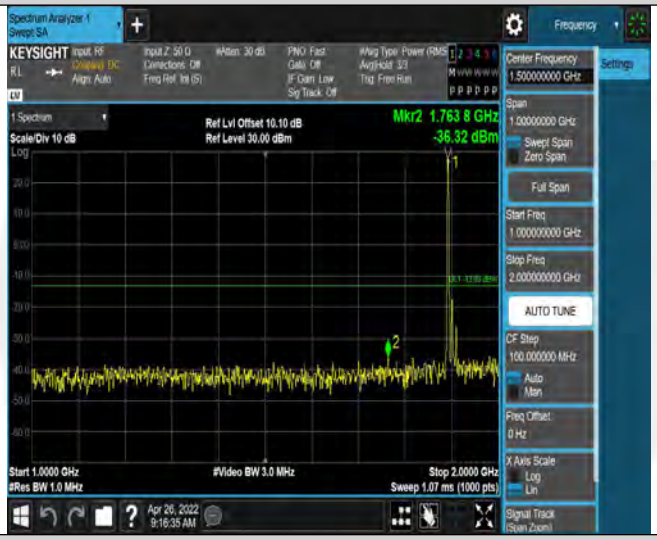
Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



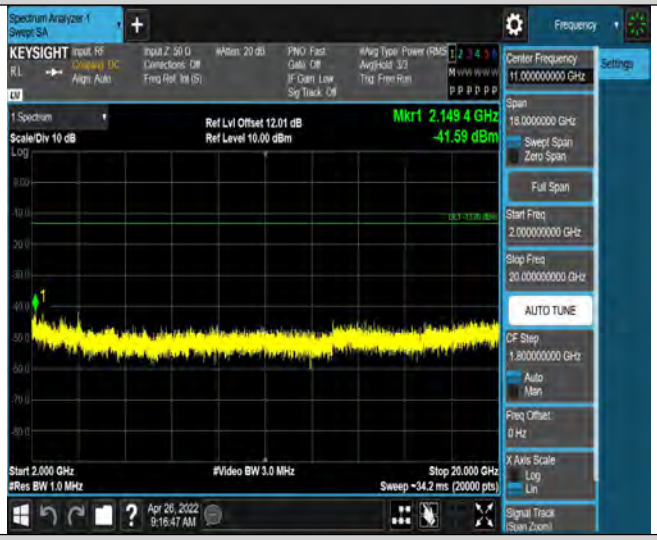
Band2-20MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



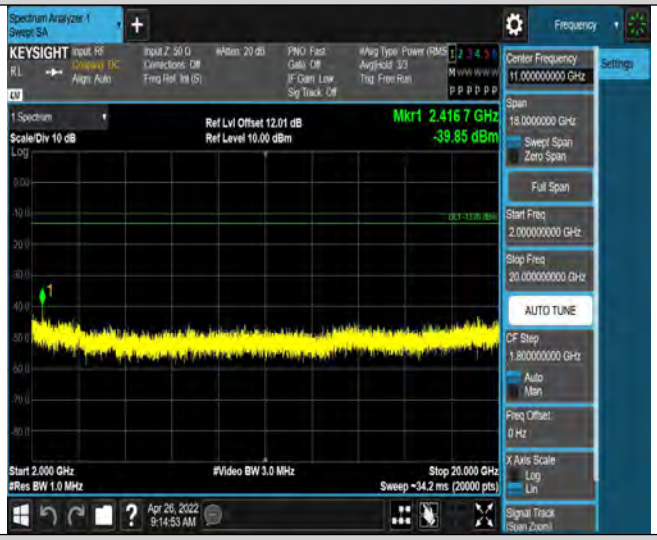
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~2000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range3:2000~20000MHz

Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz

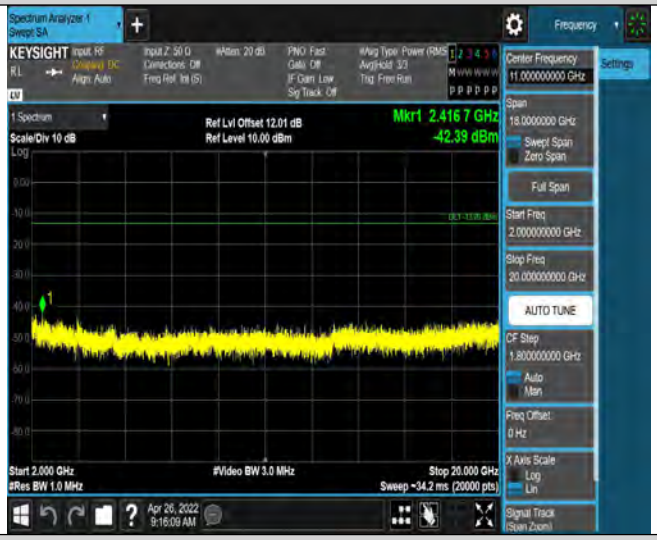
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~2000MHz



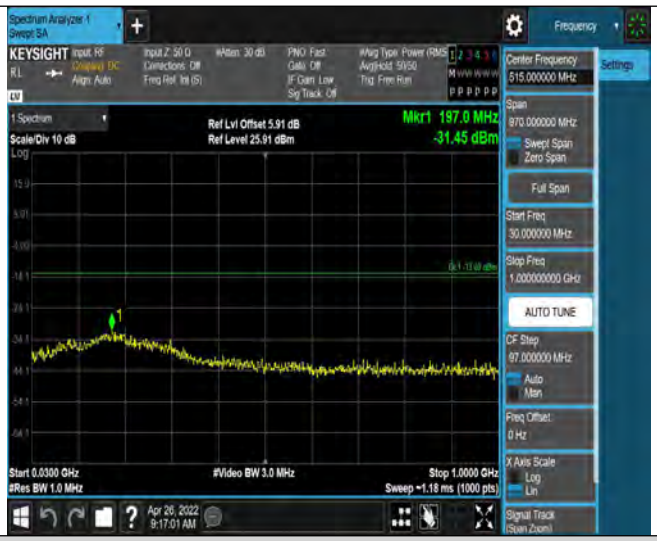
Band2-20MHz-16QAM-18700-1RB#0-Range3:2000~20000MHz

Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz

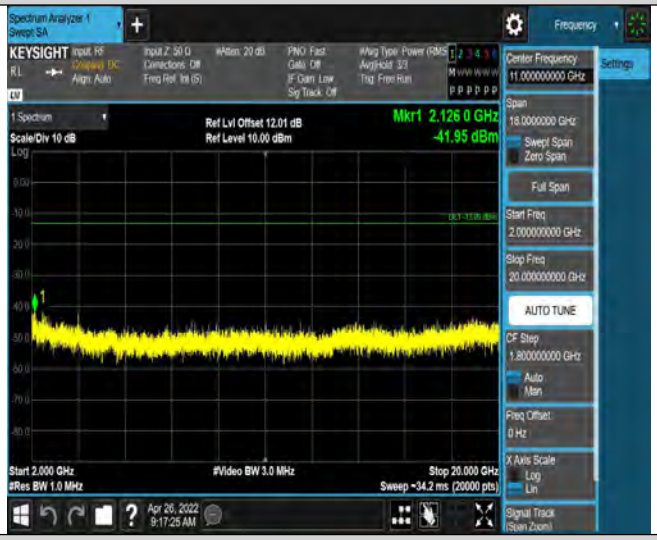


Band2-20MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz

Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~2000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range3:2000~20000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	2.66	0.001437	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	3.71	0.002005	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	3.83	0.002069	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	7.91	0.004207	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	5.64	0.003000	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	10.57	0.005622	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	14.29	0.007484	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	14.48	0.007584	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	7.17	0.003755	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	9.64	0.005209	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	14.45	0.007808	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	7.85	0.004242	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	-3.81	-0.002027	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	8.44	0.004489	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	4.49	0.002388	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	3.10	0.001624	±2.5	PASS

Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	4.86	0.002545	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	-4.03	-0.002111	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	-5.38	-0.002906	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	-4.42	-0.002387	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	-1.70	-0.000918	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	-4.42	-0.002351	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-3.82	-0.002032	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-2.65	-0.001410	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	6.74	0.003532	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	5.65	0.002960	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	5.29	0.002772	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VL	NT	-4.59	-0.002479	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	-3.12	-0.001685	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	3.38	0.001826	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	3.96	0.002106	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	-2.95	-0.001569	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	-7.01	-0.003729	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VL	NT	8.48	0.004443	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VN	NT	7.80	0.00408	±2.5	PASS

								7		
Band2	3MHz	16QAM	19185	15RB#0	VH	NT	6.04	0.003165	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	-5.14	-0.002775	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	2.57	0.001387	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-20.61	-0.011126	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-4.88	-0.002596	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-20.16	-0.010723	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-22.23	-0.011824	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	4.59	0.002406	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	5.42	0.002841	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	8.60	0.004509	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-16.05	-0.008664	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	4.03	0.002175	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-15.06	-0.008130	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	-7.81	-0.004154	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	-4.99	-0.002654	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	-3.98	-0.002117	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	5.74	0.003009	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	6.88	0.003607	±2.5	PASS

Band2	5MHz	16QAM	19175	25RB#0	VH	NT	3.33	0.001746	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	-5.16	-0.002782	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	-3.71	-0.002000	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	-3.46	-0.001865	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-4.81	-0.002559	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-4.55	-0.002420	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-6.21	-0.003303	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	4.31	0.002262	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	5.91	0.003102	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	3.71	0.001948	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-4.11	-0.002216	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	-5.44	-0.002933	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	-5.61	-0.003024	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	-5.26	-0.002798	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	-5.15	-0.002739	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	-4.51	-0.002399	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	3.15	0.001654	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VN	NT	-2.46	-0.001291	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	3.22	0.00169	±2.5	PASS

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Band2	15MHz	QPSK	18675	75RB#0	VL	NT	-5.48	-0.002950	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	-6.84	-0.003682	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	-7.90	-0.004253	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	-5.99	-0.003186	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	-7.18	-0.003819	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-5.25	-0.002793	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	-5.62	-0.002954	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	-5.18	-0.002723	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	-5.19	-0.002728	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VL	NT	-4.09	-0.002202	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VN	NT	-4.99	-0.002686	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VH	NT	-6.61	-0.003559	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VL	NT	-4.76	-0.002532	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VN	NT	-7.22	-0.003840	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VH	NT	-4.86	-0.002585	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VL	NT	-5.62	-0.002954	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VN	NT	-4.85	-0.002549	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VH	NT	-5.21	-0.002739	±2.5	PASS

Band2	20MHz	QPSK	18700	100RB#0	VL	NT	4.51	0.002425	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	4.65	0.002500	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	4.15	0.002231	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-5.84	-0.003106	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-3.92	-0.002085	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-4.79	-0.002548	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-5.01	-0.002637	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-5.78	-0.003042	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-7.21	-0.003795	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	5.91	0.003177	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	5.48	0.002946	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	3.25	0.001747	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-7.78	-0.004138	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-4.51	-0.002399	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-7.52	-0.004000	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-5.11	-0.002689	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-6.14	-0.003232	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-4.62	-0.002432	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	4.73	0.002556	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	5.87	0.003172	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-10	8.58	0.004636	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	10.40	0.005619	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	14.00	0.007565	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	17.18	0.009283	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	30	16.58	0.008959	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	40	19.03	0.010283	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	50	16.47	0.008899	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	10.14	0.005394	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	15.08	0.008021	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-10	16.35	0.008697	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	17.05	0.009069	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	16.05	0.008537	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	16.68	0.008872	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	13.56	0.007213	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	16.71	0.008888	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	12.42	0.00660	±2.5	PASS

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Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	8.50	0.004452	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	4.51	0.002362	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-10	3.79	0.001985	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	5.48	0.002870	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	-3.43	-0.001796	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	3.19	0.001671	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	30	4.82	0.002524	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	40	4.45	0.002331	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	50	-7.47	-0.003912	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	8.11	0.004382	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	5.34	0.002885	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-10	4.58	0.002475	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	4.55	0.002459	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-4.26	-0.002302	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-4.32	-0.002334	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	30	2.57	0.001389	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	40	-6.42	-0.003469	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	50	-5.94	-0.003210	±2.5	PASS

Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	-4.89	-0.002601	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	4.18	0.002223	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-10	-5.58	-0.002968	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	-5.97	-0.003176	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	6.01	0.003197	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	-3.45	-0.001835	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	5.01	0.002665	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	-6.48	-0.003447	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	3.75	0.001995	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	5.19	0.002718	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	-4.94	-0.002587	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-10	-4.95	-0.002593	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	3.50	0.001833	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	-4.35	-0.002278	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	-3.03	-0.001587	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	30	4.84	0.002535	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	40	4.76	0.002493	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	50	-5.64	-0.002954	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-30	5.49	0.00296	±2.5	PASS

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Band2	3MHz	QPSK	18615	15RB#0	NV	-20	-2.32	-0.001253	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-10	5.02	0.002711	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	3.46	0.001869	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	3.75	0.002025	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	-3.99	-0.002155	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	30	3.62	0.001955	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	40	2.89	0.001561	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	50	-1.73	-0.000934	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	-3.30	-0.001755	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	-2.70	-0.001436	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-10	-4.11	-0.002186	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-4.52	-0.002404	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	5.08	0.002702	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-6.51	-0.003463	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	30	-6.09	-0.003239	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	-4.72	-0.002511	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	-5.42	-0.002883	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-30	4.68	0.002452	±2.5	PASS

Band2	3MHz	QPSK	19185	15RB#0	NV	-20	5.75	0.003013	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-10	4.31	0.002258	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	7.01	0.003673	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	6.22	0.003259	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	4.71	0.002468	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	30	8.08	0.004234	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	40	8.65	0.004532	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	50	6.18	0.003238	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-30	-6.94	-0.003748	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-20	-3.48	-0.001880	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-10	-4.26	-0.002301	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	0	5.02	0.002711	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	10	-2.46	-0.001329	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	20	-6.12	-0.003305	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	30	-3.19	-0.001723	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	40	-4.49	-0.002425	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	50	3.36	0.001815	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	3.30	0.001755	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	4.78	0.00254	±2.5	PASS

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Band2	3MHz	16QAM	18900	15RB#0	NV	-10	-4.39	-0.002335	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	-3.86	-0.002053	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	-7.18	-0.003819	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	2.72	0.001447	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	30	4.21	0.002239	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	40	2.37	0.001261	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	50	4.25	0.002261	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-30	7.78	0.004076	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-20	5.79	0.003034	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-10	8.03	0.004207	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	0	5.15	0.002698	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	10	5.54	0.002903	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	20	7.58	0.003972	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	30	8.61	0.004511	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	40	9.08	0.004758	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	50	7.37	0.003862	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-30	7.48	0.004038	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-20	3.66	0.001976	±2.5	PASS

Band2	5MHz	QPSK	18625	25RB#0	NV	-10	-18.73	-0.010111	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	0	-21.54	-0.011628	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	-16.51	-0.008912	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	3.05	0.001646	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	30	4.98	0.002688	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	40	-22.37	-0.012076	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	50	-19.93	-0.010758	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	-7.17	-0.003814	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	-22.46	-0.011947	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-10	-7.18	-0.003819	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-15.71	-0.008356	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	-5.97	-0.003176	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-20.69	-0.011005	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	30	-5.56	-0.002957	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	40	-17.70	-0.009415	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	50	-19.97	-0.010622	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-30	9.40	0.004928	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-20	5.58	0.002925	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-10	5.11	0.00267	±2.5	PASS

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Band2	5MHz	QPSK	19175	25RB#0	NV	0	6.24	0.003271	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	6.35	0.003329	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	5.76	0.003020	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	30	5.28	0.002768	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	40	4.05	0.002123	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	50	7.14	0.003743	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-30	2.60	0.001404	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-20	2.22	0.001198	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-10	1.93	0.001042	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	3.83	0.002067	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	10	-5.56	-0.003001	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	-16.35	-0.008826	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	30	-17.61	-0.009506	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	40	-16.79	-0.009063	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	50	3.98	0.002148	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	-5.45	-0.002899	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	-6.61	-0.003516	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-10	-18.42	-0.009798	±2.5	PASS

Band2	5MHz	16QAM	18900	25RB#0	NV	0	-18.85	-0.010027	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	-5.91	-0.003144	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	-4.92	-0.002617	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	30	-5.59	-0.002973	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	40	-4.69	-0.002495	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	50	-17.85	-0.009495	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-30	4.66	0.002443	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-20	4.41	0.002312	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-10	4.23	0.002218	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	6.25	0.003277	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	3.62	0.001898	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	20	4.02	0.002107	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	30	4.35	0.002280	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	40	3.93	0.002060	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	50	5.54	0.002904	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-30	-5.25	-0.002830	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-20	-3.56	-0.001919	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-10	-2.37	-0.001278	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	-3.69	-0.0019	±2.5	PASS

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Band2	10MHz	QPSK	18650	50RB#0	NV	10	-5.12	-0.002760	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-5.76	-0.003105	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	30	-7.11	-0.003833	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	40	-6.44	-0.003472	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	50	-2.88	-0.001553	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	-4.98	-0.002649	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	-5.78	-0.003074	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-10	-5.12	-0.002723	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-4.05	-0.002154	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-7.11	-0.003782	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-3.16	-0.001681	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	-5.08	-0.002702	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	-6.69	-0.003559	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	-5.04	-0.002681	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-30	5.29	0.002777	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-20	3.28	0.001722	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-10	5.01	0.002630	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	5.28	0.002772	±2.5	PASS

Band2	10MHz	QPSK	19150	50RB#0	NV	10	4.88	0.002562	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	4.65	0.002441	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	30	3.96	0.002079	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	40	5.02	0.002635	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	50	4.75	0.002493	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-30	-5.65	-0.003046	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-20	-6.87	-0.003704	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-10	-6.24	-0.003364	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-7.01	-0.003779	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	-5.36	-0.002889	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	3.62	0.001951	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	30	-3.92	-0.002113	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	40	-4.85	-0.002615	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	50	-5.64	-0.003040	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	-5.59	-0.002973	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	-5.12	-0.002723	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-10	-6.19	-0.003293	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-6.49	-0.003452	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-3.03	-0.0016	±2.5	PASS

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Band2	10MHz	16QAM	18900	50RB#0	NV	20	-4.05	-0.002154	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	-5.61	-0.002984	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	-3.89	-0.002069	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	50	-4.16	-0.002213	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-30	3.83	0.002010	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-20	-2.07	-0.001087	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-10	6.31	0.003312	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	4.13	0.002168	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	2.66	0.001396	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	20	7.20	0.003780	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	30	3.65	0.001916	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	40	3.46	0.001816	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	50	3.19	0.001675	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-30	-5.19	-0.002794	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-20	-5.28	-0.002843	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-10	-4.42	-0.002380	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	0	-5.21	-0.002805	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	10	-5.15	-0.002773	±2.5	PASS

Band2	15MHz	QPSK	18675	75RB#0	NV	20	-3.49	-0.001879	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	30	-9.07	-0.004883	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	40	-4.25	-0.002288	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	50	-7.01	-0.003774	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	-5.42	-0.002883	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	-4.26	-0.002266	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-10	-5.16	-0.002745	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-5.55	-0.002952	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-5.78	-0.003074	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-6.72	-0.003574	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	30	-6.55	-0.003484	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	40	-4.84	-0.002574	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	50	-4.53	-0.002410	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-30	-5.91	-0.003106	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-20	-5.01	-0.002633	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-10	-3.30	-0.001735	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	0	-4.26	-0.002239	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	10	-6.35	-0.003338	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	20	-5.68	-0.0029	±2.5	PASS

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Band2	15MHz	QPSK	19125	75RB#0	NV	30	-7.02	-0.003690	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	40	-4.18	-0.002197	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	50	-3.36	-0.001766	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-30	-4.22	-0.002272	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-20	-7.91	-0.004258	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-10	-6.47	-0.003483	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	0	-4.41	-0.002374	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	10	-6.27	-0.003376	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	20	-5.46	-0.002939	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	30	-5.14	-0.002767	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	40	-6.27	-0.003376	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	50	-3.82	-0.002057	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-30	-3.30	-0.001755	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-20	-3.79	-0.002016	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-10	-5.15	-0.002739	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-4.94	-0.002628	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-4.32	-0.002298	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	-4.81	-0.002559	±2.5	PASS

Band2	15MHz	16QAM	18900	75RB#0	NV	30	-4.61	-0.002452	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	40	-4.81	-0.002559	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	50	-7.93	-0.004218	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-30	-6.34	-0.003332	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-20	-5.32	-0.002796	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-10	-4.22	-0.002218	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	0	-6.05	-0.003180	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	10	-6.97	-0.003664	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	20	-5.25	-0.002760	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	30	-6.64	-0.003490	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	40	-6.84	-0.003595	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	50	-4.16	-0.002187	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	6.75	0.003629	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	4.89	0.002629	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	4.79	0.002575	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	6.02	0.003237	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	2.89	0.001554	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	5.12	0.002753	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-2.76	-0.0014	±2.5	PASS

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Band2	20MHz	QPSK	18700	100RB#0	NV	40	-3.03	-0.001629	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-2.36	-0.001269	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-7.32	-0.003894	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-3.99	-0.002122	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-5.19	-0.002761	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-4.28	-0.002277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-4.95	-0.002633	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-6.55	-0.003484	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-6.71	-0.003569	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-5.52	-0.002936	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-5.15	-0.002739	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-7.55	-0.003974	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-4.65	-0.002447	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-6.38	-0.003358	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-8.68	-0.004568	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-3.95	-0.002079	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-5.89	-0.003100	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-4.11	-0.002163	±2.5	PASS

Band2	20MHz	QPSK	19100	100RB#0	NV	40	-7.01	-0.003689	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-6.85	-0.003605	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	4.11	0.002210	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	2.66	0.001430	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	7.30	0.003925	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	3.56	0.001914	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	4.36	0.002344	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	3.69	0.001984	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	3.60	0.001935	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	3.23	0.001737	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	3.60	0.001935	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-8.21	-0.004367	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-5.75	-0.003059	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-5.38	-0.002862	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-6.94	-0.003691	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-4.01	-0.002133	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-5.02	-0.002670	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-6.49	-0.003452	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-4.92	-0.0026	±2.5	PASS

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Band2	20MHz	16QAM	18900	100RB#0	NV	50	-3.15	-0.001676	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-6.91	-0.003637	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-6.18	-0.003253	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-4.86	-0.002558	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-2.69	-0.001416	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-5.34	-0.002811	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-4.01	-0.002111	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-4.16	-0.002189	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-3.15	-0.001658	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-5.88	-0.003095	±2.5	PASS

LTE B4:

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.23	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.48	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.33	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.20	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.21	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.26	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.46	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.36	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.49	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.31	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.25	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.43	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.21	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.05	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.20	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.18	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.08	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.35	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.27	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.15	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.56	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.18	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.93	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.64	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.58	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.43	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.22	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.64	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.30	PASS

Band4	1.4MHz	16QAM	20175	3RB#0	21.13	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.04	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.10	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.19	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.93	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.45	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.16	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.04	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.05	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.14	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.14	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.95	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.85	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.90	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.15	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.23	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.19	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.07	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.14	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.21	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.30	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.22	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.22	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.29	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.02	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.12	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.05	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.06	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.16	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.16	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.09	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.95	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.01	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.17	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.36	PASS

Band4	3MHz	16QAM	19965	8RB#7	20.14	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.40	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.14	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.47	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.21	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.33	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.46	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.58	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.31	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.04	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.36	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.34	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.95	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.95	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.37	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.08	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.86	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.93	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.10	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.07	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.16	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.04	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.06	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.17	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.13	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.21	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.22	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.33	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.21	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.17	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.43	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.36	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.13	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.13	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.29	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.17	PASS

Band4	5MHz	16QAM	19975	1RB#0	20.63	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.01	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.92	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.79	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.79	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.73	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.06	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.21	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.67	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.75	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.26	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.34	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.31	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.14	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.16	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.11	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.33	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.18	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.18	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.35	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.25	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.79	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.88	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.89	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.01	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.13	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.03	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.06	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.99	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.18	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.37	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.24	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.25	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.25	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.28	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.05	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.34	PASS

Band4	10MHz	QPSK	20350	1RB#49	22.24	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.16	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.17	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.17	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.22	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.04	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.49	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.83	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.91	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.86	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.04	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.08	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.79	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.29	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.33	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.36	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.31	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.14	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.37	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.70	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.18	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.27	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.27	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.04	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.04	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.92	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.89	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.07	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.37	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.99	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.01	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.98	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.21	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.21	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.02	PASS

Band4	15MHz	QPSK	20175	38RB#18	21.21	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.24	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.28	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.04	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.97	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.09	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.40	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.87	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.37	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.25	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.28	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.31	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.21	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.07	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.37	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.98	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.04	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.94	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.19	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.23	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.02	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.20	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.23	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.13	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.96	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.87	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.36	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.18	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.87	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.17	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.29	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.82	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.25	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.23	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.86	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.87	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.10	PASS

Band4	20MHz	QPSK	20050	100RB#0	21.08	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.95	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.57	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.08	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.23	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.24	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.31	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.22	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.27	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.29	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.23	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.27	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.28	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.22	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.34	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.87	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.46	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.01	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.94	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.94	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.19	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.98	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.95	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.76	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.18	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.24	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.25	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.32	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.21	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.15	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.19	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.05	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.37	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.37	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.25	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.32	PASS

Appendix B: Peak-to-Average Ratio (CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.55	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.73	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.69	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.41	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.55	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.48	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.67	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.80	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.71	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.47	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.54	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.46	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.70	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.79	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.72	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.42	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.44	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.36	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.61	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.58	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.56	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.14	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.13	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.16	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.73	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.70	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.71	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.71	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.73	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.82	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.41	13	PASS

Band4	20MHz	QPSK	20175	100RB#0	6.46	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	6.38	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	7.14	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	7.13	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	7.12	13	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0

Band4-1.4MHz-QPSK-20175-6RB#0

Band4-1.4MHz-QPSK-20393-6RB#0

Band4-1.4MHz-16QAM-19957-6RB#0

Band4-1.4MHz-16QAM-20175-6RB#0

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

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

Band4-3MHz-QPSK-20175-15RB#0

Band4-3MHz-QPSK-20385-15RB#0

Band4-3MHz-16QAM-19965-15RB#0

Band4-3MHz-16QAM-20175-15RB#0

Band4-3MHz-16QAM-20385-15RB#0

Band4-5MHz-QPSK-19975-25RB#0

Band4-5MHz-QPSK-20175-25RB#0

Band4-5MHz-QPSK-20375-25RB#0

Band4-5MHz-16QAM-19975-25RB#0

Band4-5MHz-16QAM-20175-25RB#0

Band4-5MHz-16QAM-20375-25RB#0

Band4-10MHz-QPSK-20000-50RB#0

Band4-10MHz-QPSK-20175-50RB#0

Band4-10MHz-QPSK-20350-50RB#0

Band4-10MHz-16QAM-20000-50RB#0

Band4-10MHz-16QAM-20175-50RB#0

Band4-10MHz-16QAM-20350-50RB#0

Band4-15MHz-QPSK-20025-75RB#0

Band4-15MHz-QPSK-20175-75RB#0

Band4-15MHz-QPSK-20325-75RB#0

Band4-15MHz-16QAM-20025-75RB#0

Band4-15MHz-16QAM-20175-75RB#0

Band4-15MHz-16QAM-20325-75RB#0

Band4-20MHz-QPSK-20050-100RB#0

Band4-20MHz-QPSK-20175-100RB#0

Band4-20MHz-QPSK-20300-100RB#0

Band4-20MHz-16QAM-20050-100RB#0

Band4-20MHz-16QAM-20175-100RB#0

Band4-20MHz-16QAM-20300-100RB#0

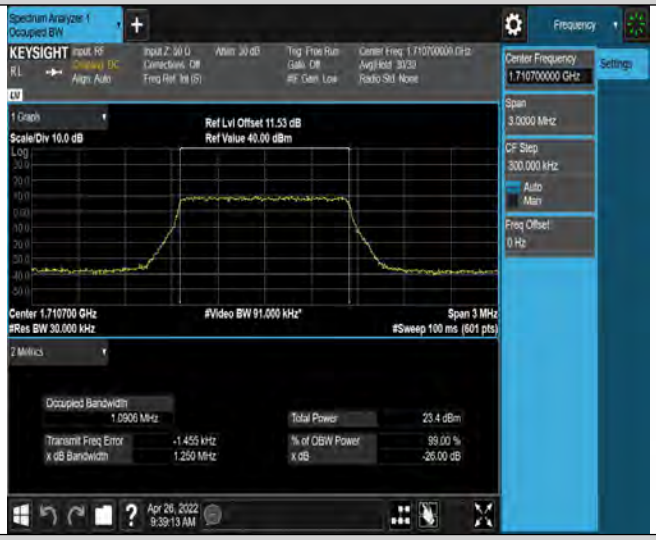
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0906	1.250	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0908	1.259	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0912	1.263	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0898	1.263	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0884	1.264	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0902	1.266	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6928	2.904	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6945	2.903	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6962	2.925	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6855	2.912	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6853	2.915	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6926	2.925	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4924	4.891	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4935	4.899	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4898	4.888	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4991	4.844	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4983	4.843	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4941	4.885	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9717	9.566	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9545	9.525	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9715	9.522	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9593	9.533	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9422	9.504	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9578	9.529	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.468	14.29	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.391	14.22	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.426	14.24	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.456	14.27	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.379	14.21	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.413	14.23	PASS

Band4	20MHz	QPSK	20050	100RB#0	17.979	18.98	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.822	18.90	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.902	18.97	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.970	18.99	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.817	18.88	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.909	18.95	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0

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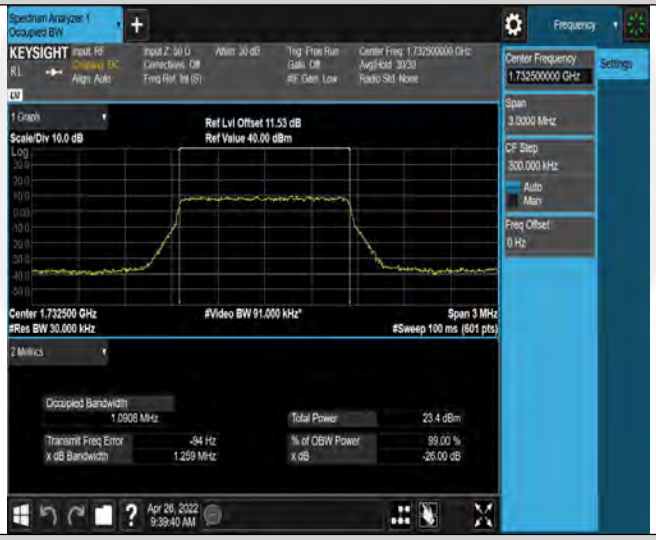
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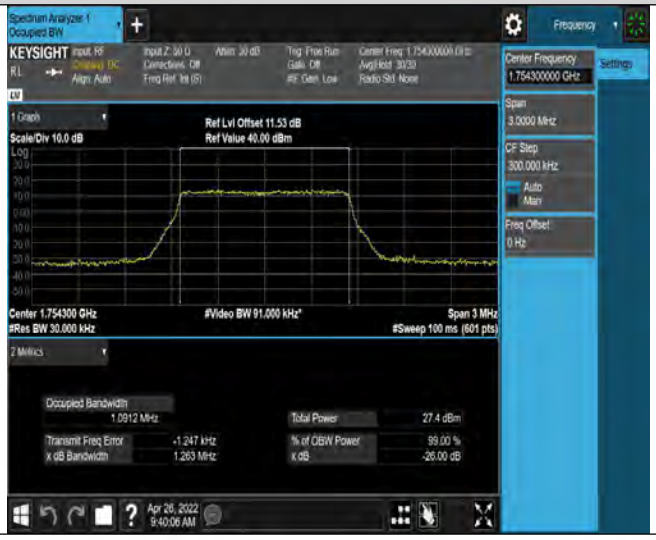
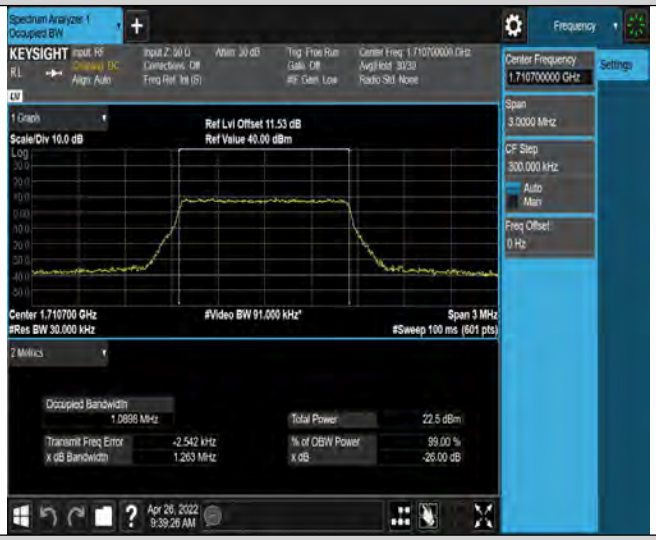


Band4-1.4MHz-16QAM-19957-6RB#0



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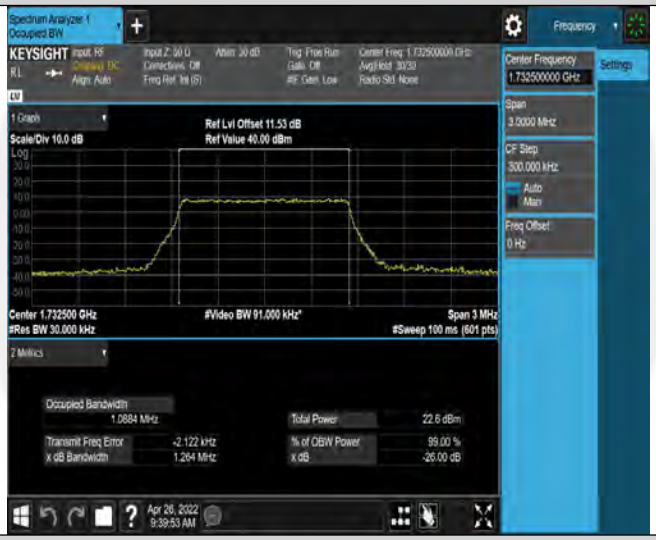

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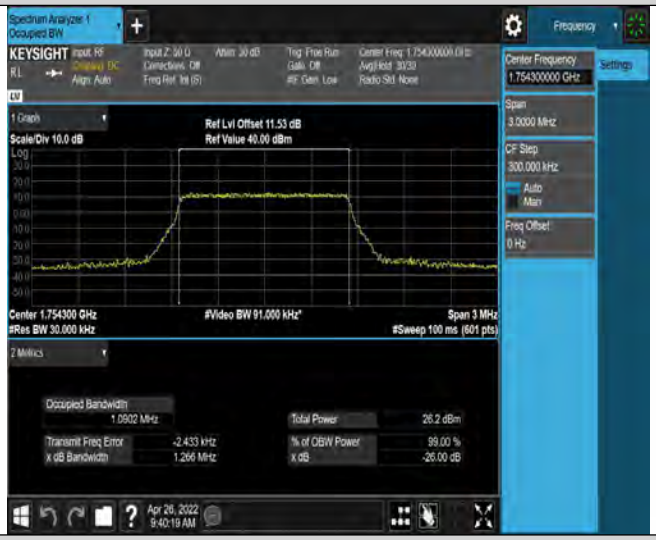
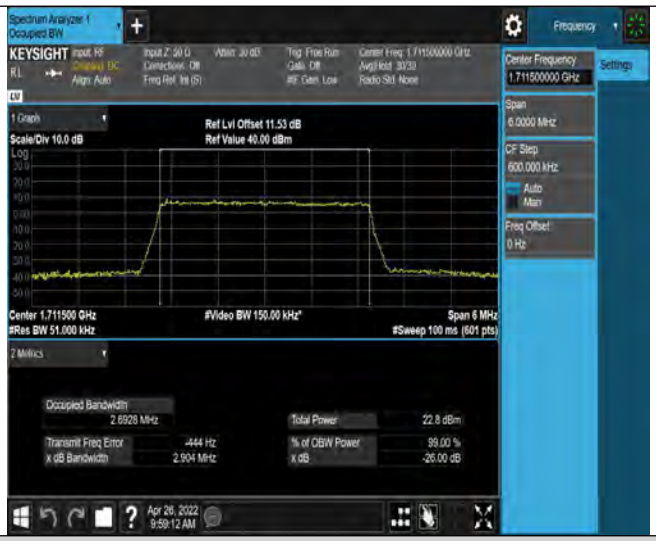


Band4-3MHz-QPSK-19965-15RB#0



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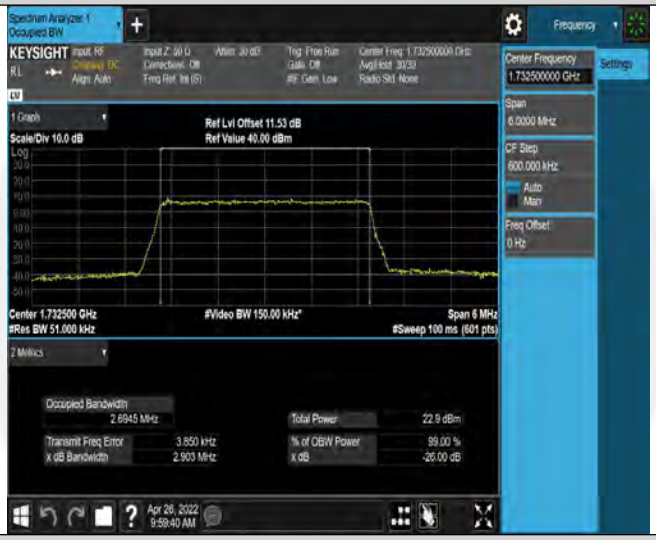
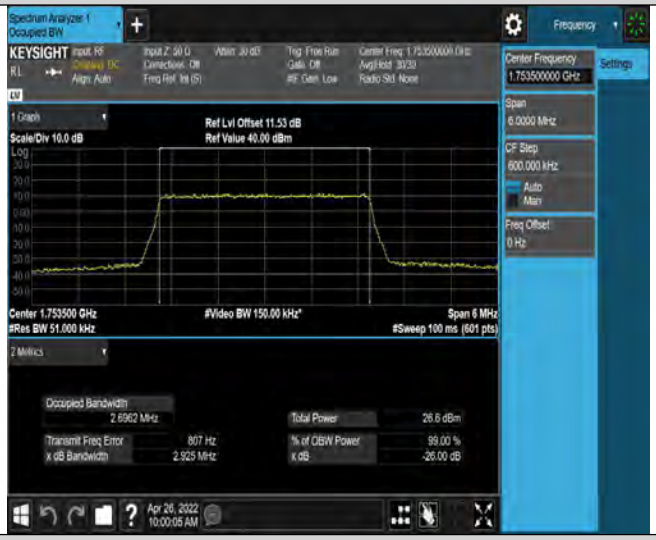


Band4-3MHz-QPSK-20385-15RB#0



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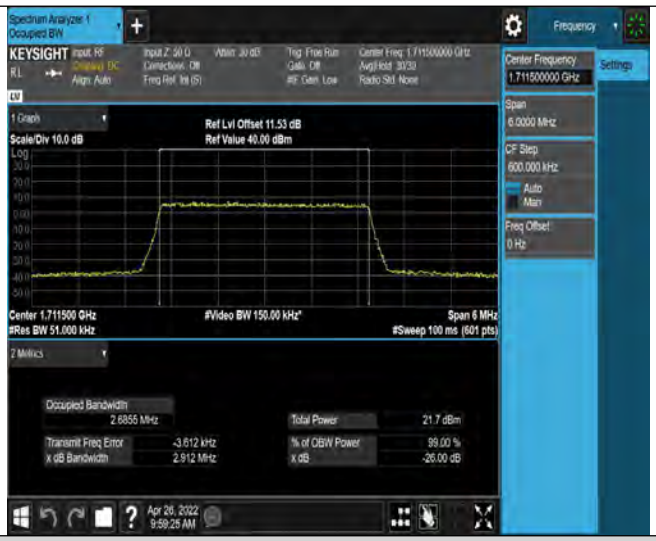

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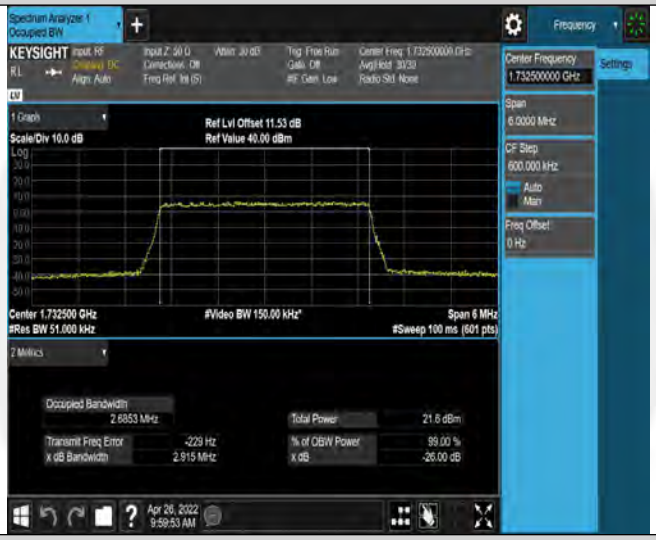

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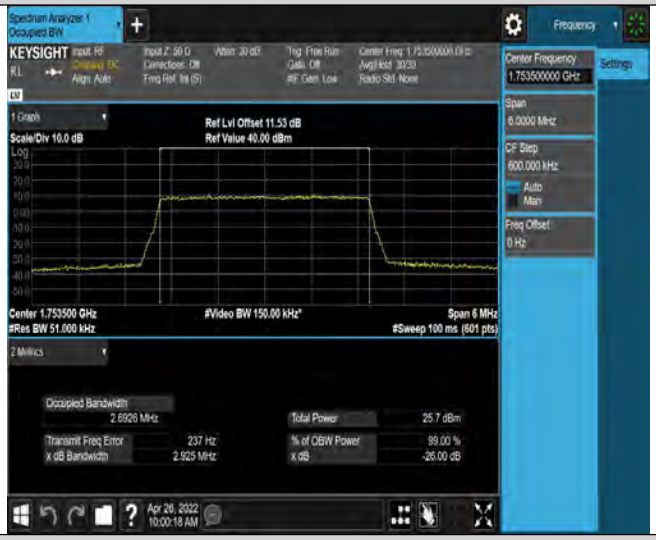
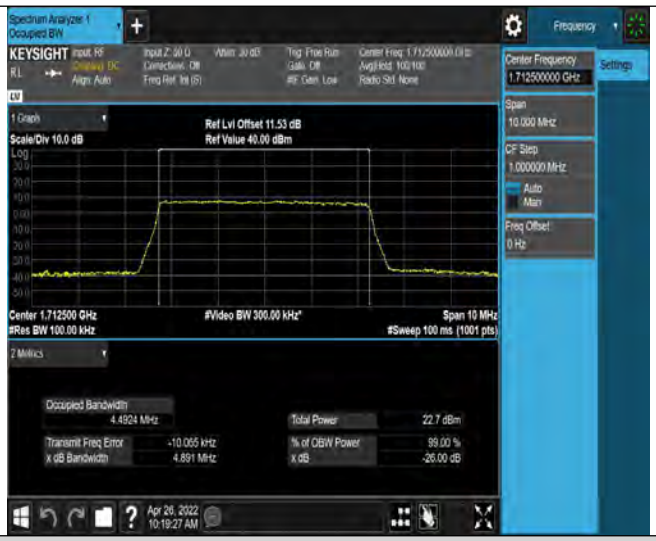


Band4-5MHz-QPSK-19975-25RB#0



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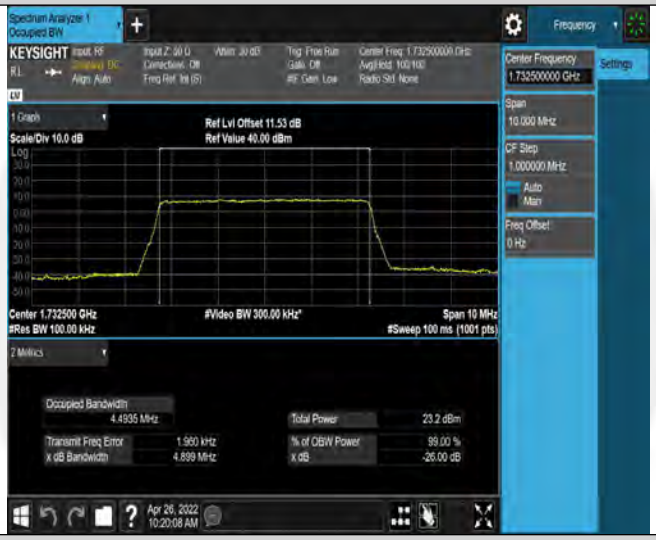

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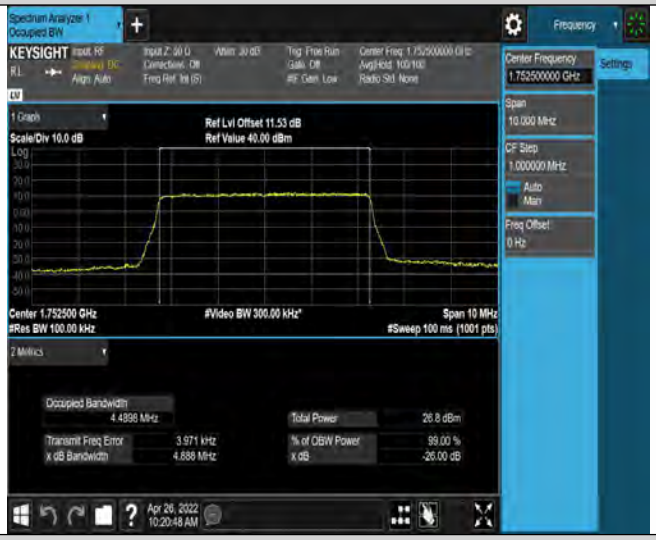

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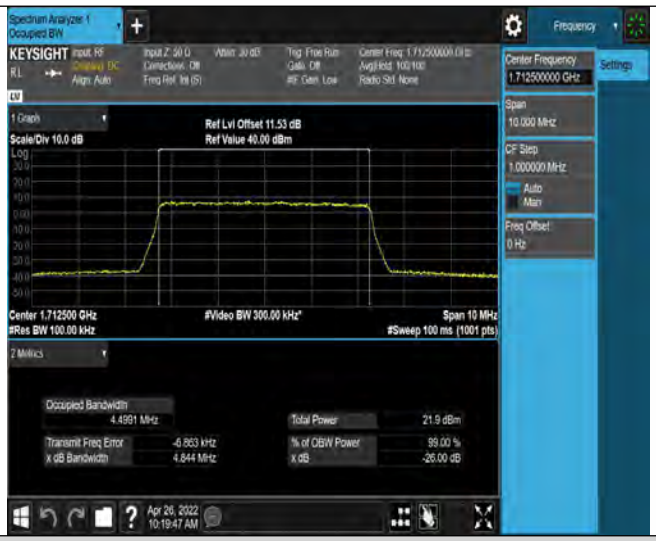

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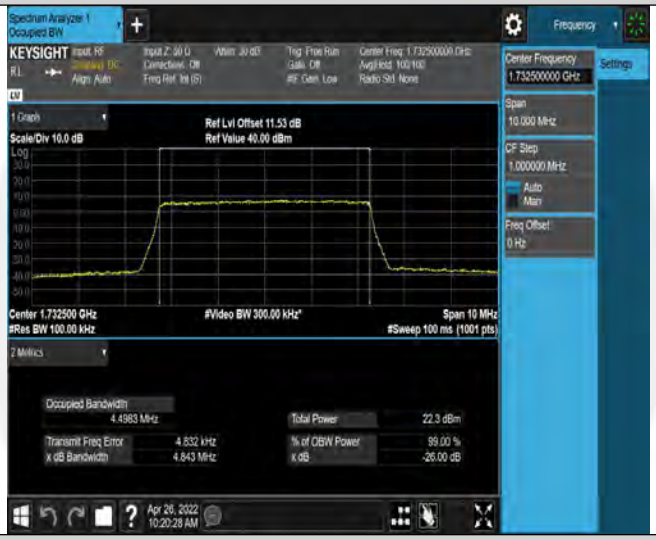

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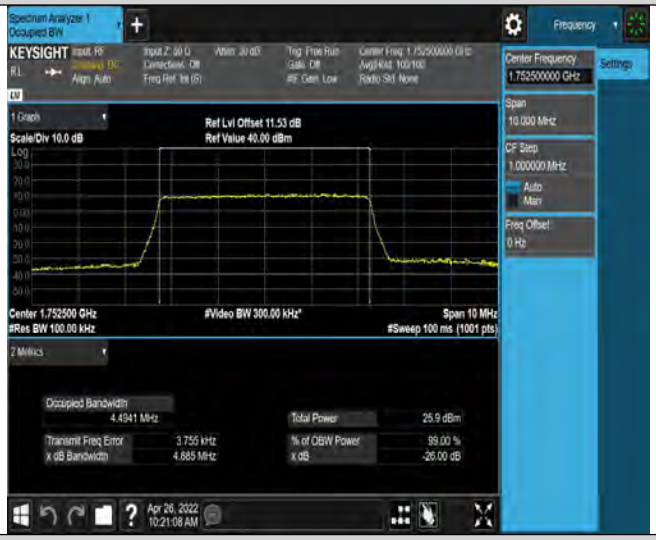
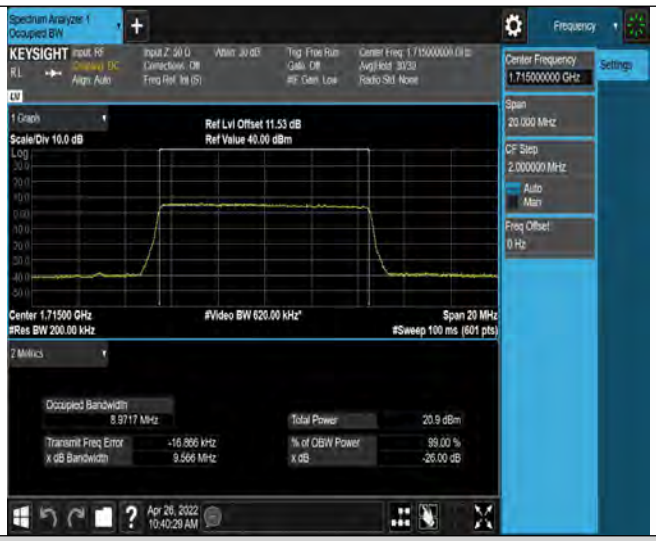


Band4-10MHz-QPSK-20000-50RB#0



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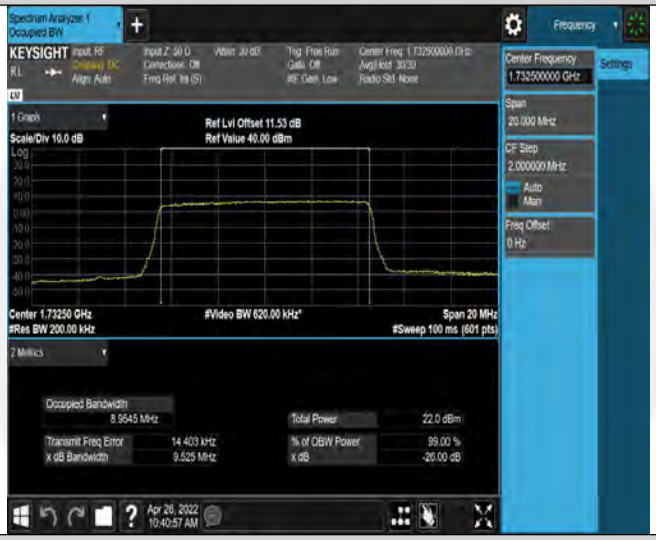

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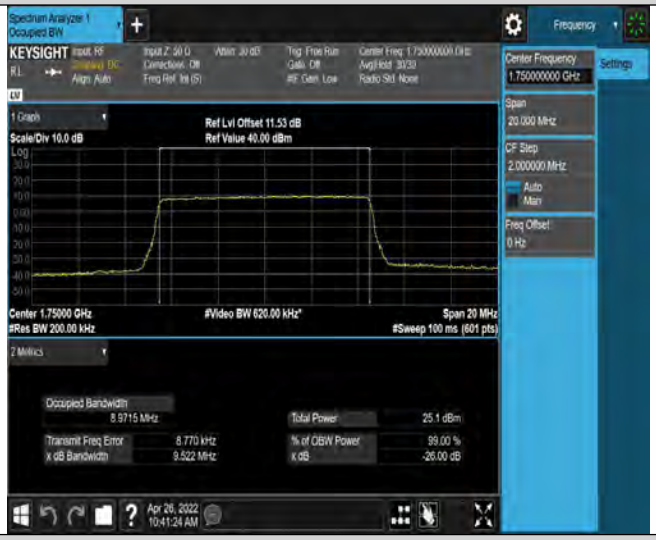
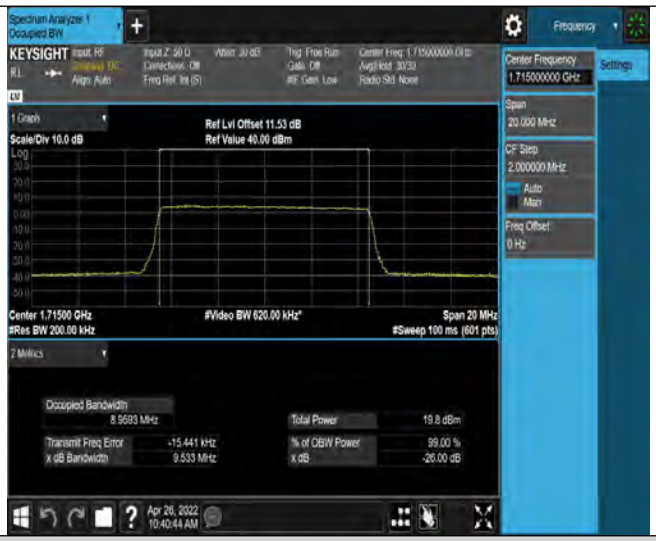
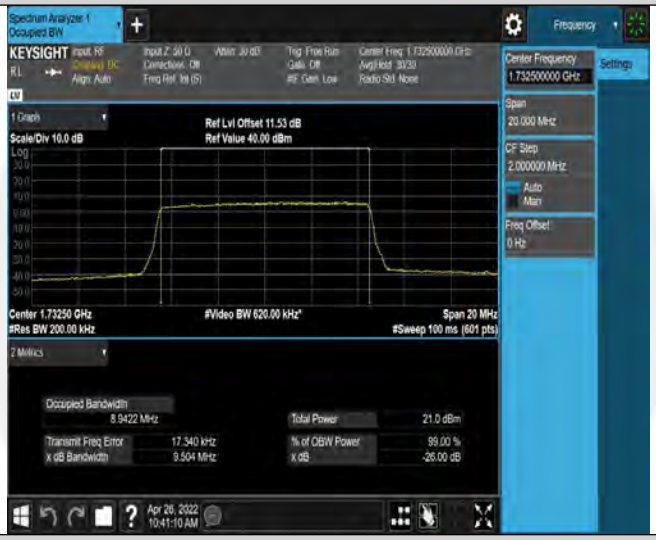


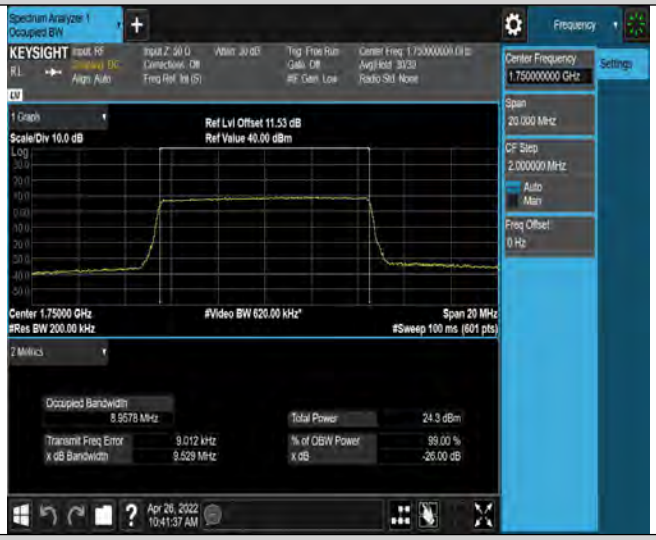
Band4-10MHz-16QAM-20000-50RB#0



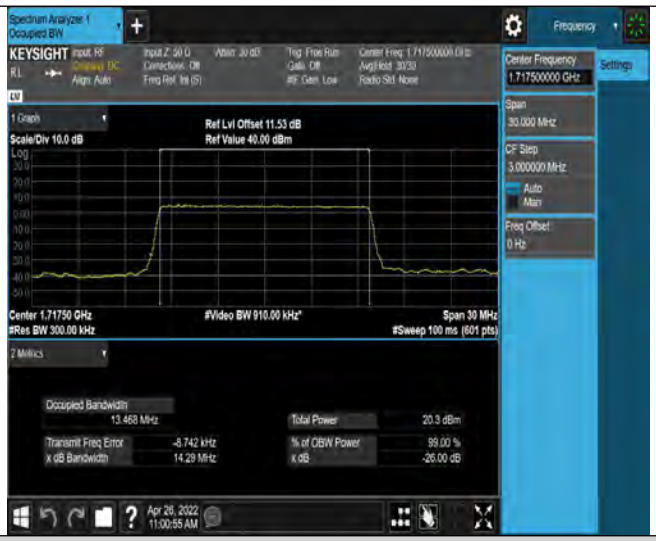
Band4-10MHz-16QAM-20175-50RB#0



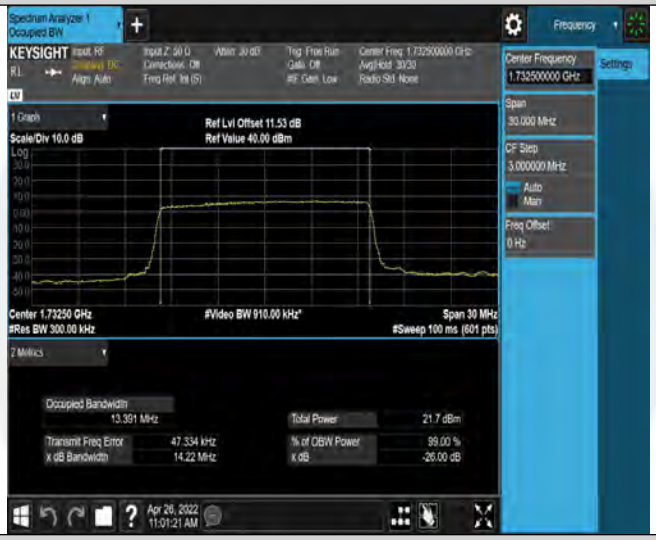
Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20175-75RB#0



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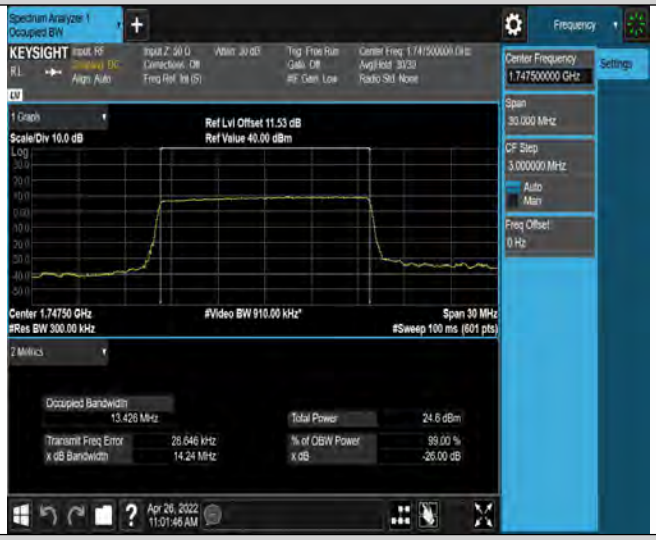
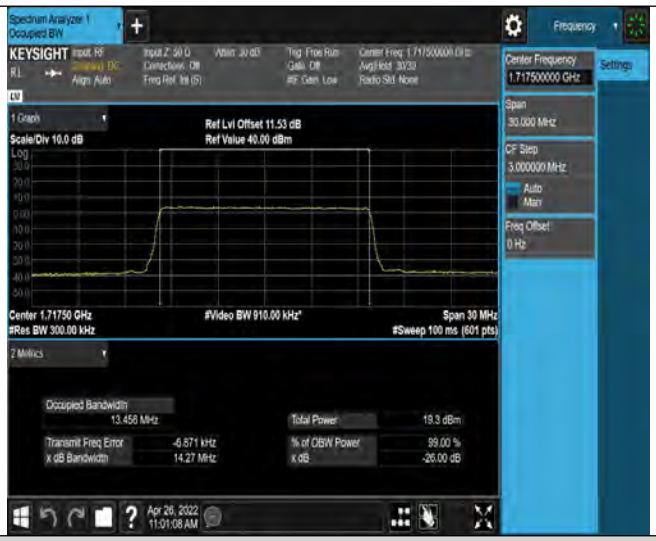
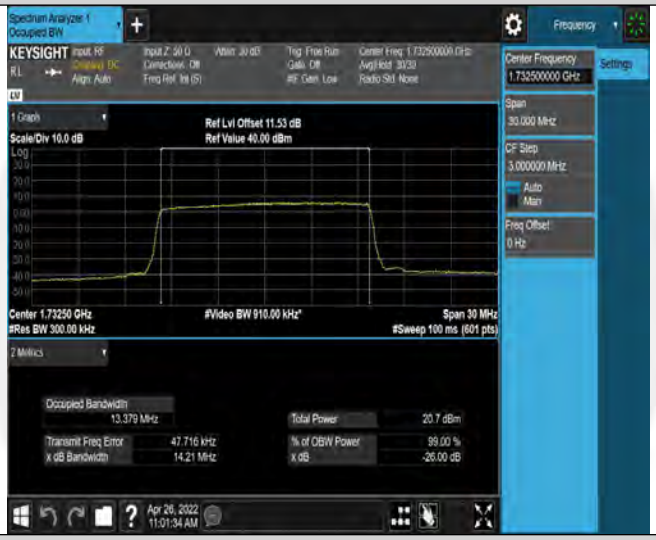


Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20175-75RB#0



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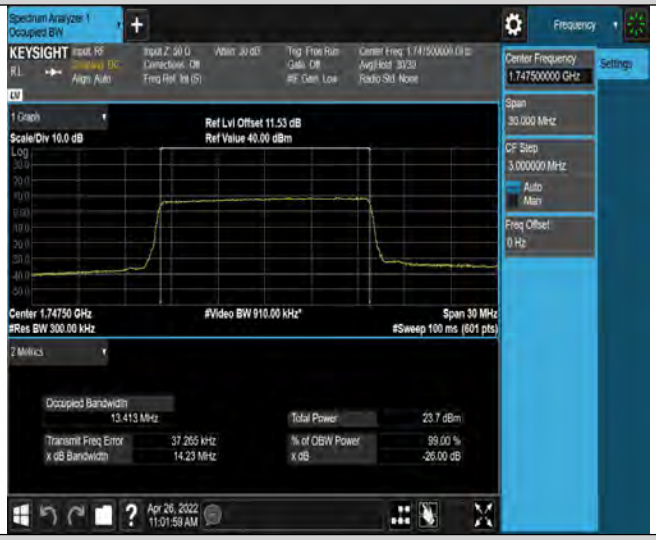

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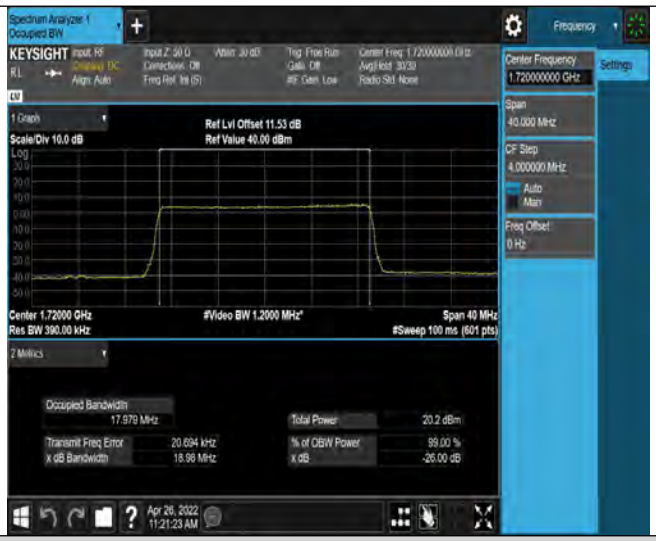

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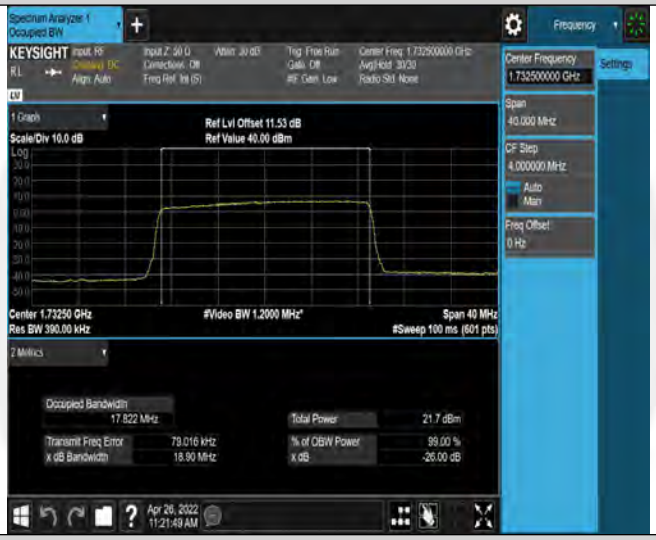

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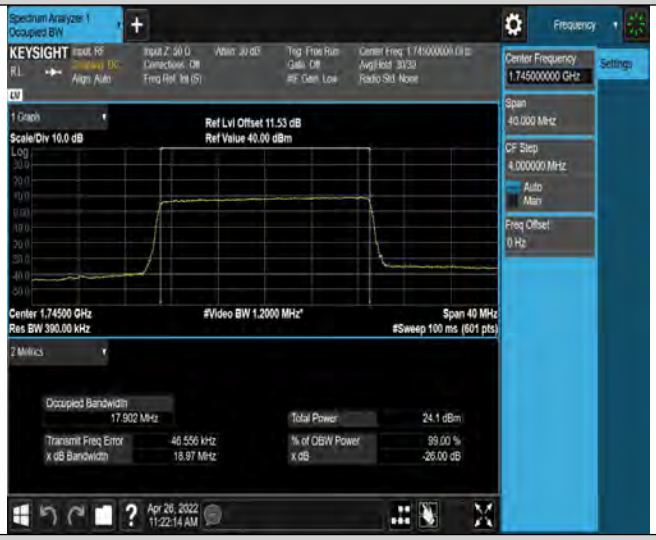

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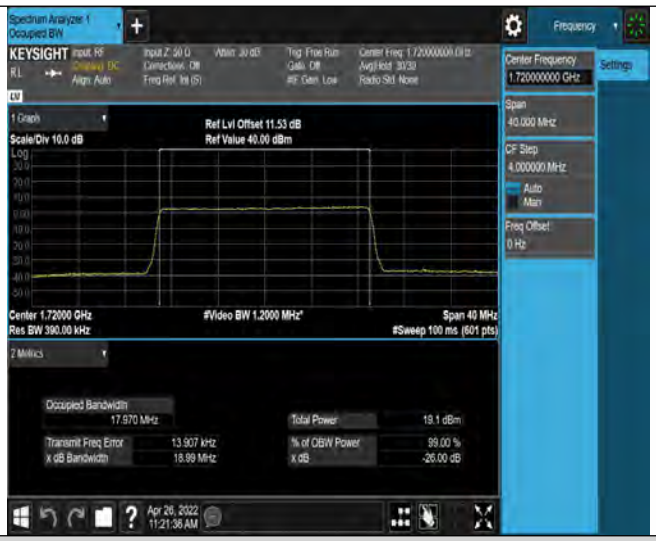

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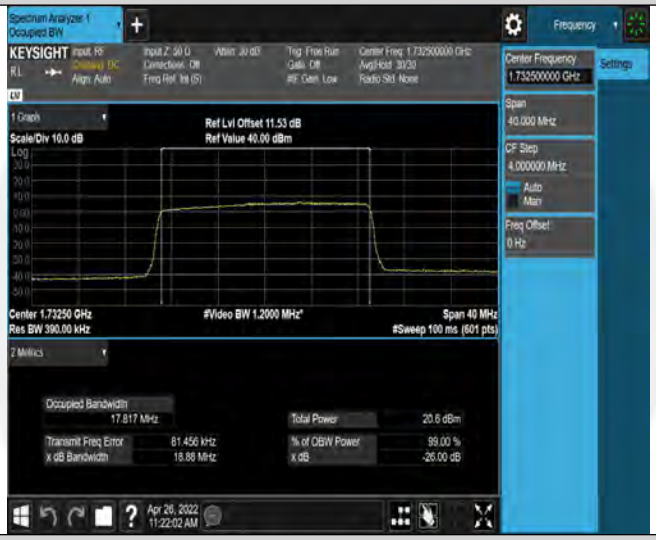
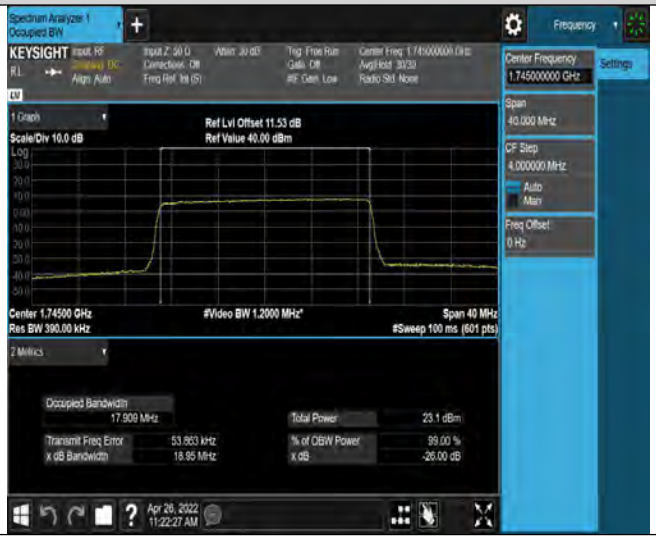


Band4-20MHz-16QAM-20300-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-30.97	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-27.52	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-31.09	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-28.41	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.82	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	-28.56	PASS
Band4	3MHz	16QAM	20385	15RB#0	-26.20	PASS
Band4	5MHz	QPSK	19975	25RB#0	-27.23	PASS
Band4	5MHz	QPSK	20375	25RB#0	-24.26	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.76	PASS
Band4	5MHz	16QAM	20375	25RB#0	-24.90	PASS
Band4	10MHz	QPSK	20000	50RB#0	-32.04	PASS
Band4	10MHz	QPSK	20350	50RB#0	-28.36	PASS
Band4	10MHz	16QAM	20000	50RB#0	-33.24	PASS
Band4	10MHz	16QAM	20350	50RB#0	-28.99	PASS
Band4	15MHz	QPSK	20025	75RB#0	-35.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	-30.15	PASS
Band4	15MHz	16QAM	20025	75RB#0	-35.72	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	-38.02	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.04	PASS
Band4	20MHz	16QAM	20050	100RB#0	-38.14	PASS
Band4	20MHz	16QAM	20300	100RB#0	-32.82	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0

Band4-1.4MHz-QPSK-20393-6RB#0

Band4-1.4MHz-16QAM-19957-6RB#0

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

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

Band4-3MHz-QPSK-20385-15RB#0

Band4-3MHz-16QAM-19965-15RB#0

Band4-3MHz-16QAM-20385-15RB#0

Band4-5MHz-QPSK-19975-25RB#0

Band4-5MHz-QPSK-20375-25RB#0

Band4-5MHz-16QAM-19975-25RB#0

Band4-5MHz-16QAM-20375-25RB#0

Band4-10MHz-QPSK-20000-50RB#0

Band4-10MHz-QPSK-20350-50RB#0

Band4-10MHz-16QAM-20000-50RB#0

Band4-10MHz-16QAM-20350-50RB#0