



Appendix B

E-UTRA Band 2



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#2	23.19	21.09	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.99	20.89	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	23.34	21.24	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.27	21.17	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.18	21.08	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.13	21.03	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.21	20.11	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.05	20.95	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.06	20.96	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.12	21.02	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.06	20.96	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.04	20.94	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.03	20.93	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.04	19.94	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.70	20.60	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.67	20.57	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.62	20.52	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.75	20.65	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.69	20.59	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.71	20.61	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.71	19.61	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.53	19.43	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.48	19.38	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	19.96	17.86	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.45	19.35	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.50	19.40	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.43	19.33	33	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	20.36	18.26	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.22	19.12	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.30	19.20	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.39	19.29	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.29	19.19	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.23	19.13	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.32	19.22	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.19	18.09	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.08	18.98	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	20.91	18.81	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	20.72	18.62	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	20.87	18.77	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	20.90	18.80	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	20.90	18.80	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	19.83	17.73	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.44	20.34	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.57	20.47	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.53	20.43	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.53	20.43	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.14	20.04	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.13	20.03	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.43	19.33	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.21	20.11	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.32	20.22	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.30	20.20	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.18	20.08	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.05	19.95	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.10	20.00	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.18	19.08	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.89	19.79	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.82	19.72	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.87	19.77	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.73	19.63	33	PASS



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Band2	1.4MHz	16QAM	19193	3RB#1	21.83	19.73	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.74	19.64	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.77	18.67	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.05	20.95	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.05	20.95	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.08	20.98	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.15	20.05	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.21	20.11	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.24	20.14	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.21	20.11	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.85	20.75	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.08	20.98	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.15	21.05	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.02	19.92	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.04	19.94	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.15	20.05	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.97	19.87	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.77	20.67	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.83	20.73	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.70	20.60	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.69	19.59	33	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.73	19.63	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.79	19.69	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.73	19.63	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.49	19.39	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.43	19.33	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.56	19.46	33	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.31	18.21	33	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.42	18.32	33	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.20	18.10	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.26	18.16	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.17	19.07	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.42	19.32	33	PASS



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Band2	3MHz	64QAM	18900	1RB#8	21.22	19.12	33	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.18	18.08	33	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.05	17.95	33	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.13	18.03	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.15	18.05	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	20.96	18.86	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.03	18.93	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	20.89	18.79	33	PASS
Band2	3MHz	64QAM	19185	8RB#7	19.73	17.63	33	PASS
Band2	3MHz	64QAM	19185	8RB#0	19.81	17.71	33	PASS
Band2	3MHz	64QAM	19185	8RB#4	19.81	17.71	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	19.78	17.68	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.53	20.43	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.20	20.10	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.30	20.20	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.28	19.18	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.33	19.23	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.39	19.29	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.22	19.12	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.31	20.21	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.18	20.08	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.29	20.19	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.10	19.00	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.23	19.13	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.10	19.00	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.08	18.98	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.92	19.82	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.90	19.80	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.84	19.74	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.82	18.72	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.83	18.73	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.78	18.68	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.73	18.63	33	PASS



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Band2	5MHz	QPSK	18625	1RB#12	23.15	21.05	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.38	21.28	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.14	21.04	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.21	20.11	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.28	20.18	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.25	20.15	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.25	20.15	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.50	21.40	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.04	20.94	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.84	20.74	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.18	20.08	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.09	19.99	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.13	20.03	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.03	19.93	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.73	20.63	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.95	20.85	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.64	20.54	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.92	19.82	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.77	19.67	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.69	19.59	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.75	19.65	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.60	19.50	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.52	19.42	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.32	19.22	33	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.38	18.28	33	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.50	18.40	33	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.36	18.26	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.36	18.26	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.20	19.10	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.55	19.45	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	20.98	18.88	33	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.36	18.26	33	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.22	18.12	33	PASS



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Band2	5MHz	64QAM	18900	12RB#13	20.26	18.16	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.19	18.09	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	20.93	18.83	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.14	19.04	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.90	18.80	33	PASS
Band2	5MHz	64QAM	19175	12RB#13	19.84	17.74	33	PASS
Band2	5MHz	64QAM	19175	12RB#6	19.90	17.80	33	PASS
Band2	5MHz	64QAM	19175	12RB#0	19.98	17.88	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.89	17.79	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.38	20.28	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.48	20.38	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.52	20.42	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.39	19.29	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.33	19.23	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.27	19.17	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.34	19.24	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.24	20.14	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.23	20.13	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.35	20.25	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.21	19.11	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.34	19.24	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.15	19.05	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.18	19.08	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.78	19.68	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.13	20.03	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.94	19.84	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.98	18.88	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.87	18.77	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.78	18.68	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.82	18.72	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.61	21.51	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.26	21.16	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.57	20.47	33	PASS



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Band2	10MHz	QPSK	18650	25RB#0	22.34	20.24	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.26	20.16	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.29	20.19	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.32	20.22	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.58	21.48	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.16	21.06	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.28	20.18	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.06	19.96	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.12	20.02	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.20	20.10	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.09	19.99	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.38	21.28	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.81	20.71	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.59	20.49	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.99	19.89	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.80	19.70	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.59	19.49	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.83	19.73	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.84	19.74	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.17	19.07	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.43	19.33	33	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.51	18.41	33	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.41	18.31	33	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.47	18.37	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.33	18.23	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.66	19.56	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	20.80	18.70	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.23	19.13	33	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.19	18.09	33	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.19	18.09	33	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.31	18.21	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.23	18.13	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	20.13	18.03	33	PASS



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Band2	10MHz	64QAM	19150	1RB#24	20.98	18.88	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.50	19.40	33	PASS
Band2	10MHz	64QAM	19150	25RB#25	19.94	17.84	33	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.19	18.09	33	PASS
Band2	10MHz	64QAM	19150	25RB#12	20.03	17.93	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	19.94	17.84	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.65	20.55	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.64	20.54	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.48	20.38	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.39	19.29	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.29	19.19	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.34	19.24	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.30	19.20	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.55	20.45	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.21	20.11	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.50	20.40	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.20	19.10	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.17	19.07	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.21	19.11	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.15	19.05	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.06	19.96	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.11	20.01	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.33	20.23	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.95	18.85	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.82	18.72	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.72	18.62	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.94	18.84	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.38	21.28	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.28	21.18	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.38	21.28	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.25	20.15	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.21	20.11	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.28	20.18	33	PASS



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Band2	15MHz	QPSK	18675	75RB#0	22.04	19.94	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.53	20.43	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.40	21.30	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.53	20.43	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.11	20.01	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.07	19.97	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.09	19.99	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.08	19.98	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.70	20.60	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.06	20.96	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.02	19.92	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.71	19.61	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.89	19.79	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.55	19.45	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.83	19.73	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.59	19.49	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.44	19.34	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	22.03	19.93	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.41	18.31	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.40	18.30	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.36	18.26	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.30	18.20	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.84	19.74	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.77	18.67	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.75	18.65	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.20	18.10	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.18	18.08	33	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.12	18.02	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.15	18.05	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	20.84	18.74	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.40	18.30	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.38	19.28	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	19.97	17.87	33	PASS



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Band2	15MHz	64QAM	19125	36RB#18	20.05	17.95	33	PASS
Band2	15MHz	64QAM	19125	36RB#39	19.91	17.81	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.02	17.92	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.74	20.64	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.56	20.46	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.67	20.57	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.34	19.24	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.42	19.32	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.30	19.20	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.08	18.98	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.97	19.87	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.52	20.42	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.54	20.44	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.06	18.96	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.21	19.11	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.97	18.87	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.24	19.14	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.30	20.20	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.09	19.99	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.15	20.05	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	20.69	18.59	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	20.82	18.72	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.84	18.74	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.83	18.73	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.19	21.09	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.32	21.22	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.44	21.34	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.39	20.29	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.13	20.03	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.28	20.18	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.31	20.21	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.10	20.00	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.29	20.19	33	PASS



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Band2	20MHz	QPSK	18900	1RB#0	23.47	21.37	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.08	19.98	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.03	19.93	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.83	19.73	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.16	20.06	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.12	21.02	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.08	20.98	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.79	19.69	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.87	19.77	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.89	19.79	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.84	19.74	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.95	19.85	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.54	19.44	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.37	19.27	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.52	19.42	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.44	18.34	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.29	18.19	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.39	18.29	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.33	18.23	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	20.59	18.49	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.78	19.68	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	20.85	18.75	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.13	18.03	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.02	17.92	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.16	18.06	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.18	18.08	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.36	19.26	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	19.70	17.60	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.28	19.18	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.04	17.94	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	19.88	17.78	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	19.83	17.73	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.88	17.78	33	PASS



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Band2	20MHz	16QAM	18700	1RB#99	22.43	20.33	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.59	20.49	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.42	20.32	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.11	19.01	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.21	19.11	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.26	19.16	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.25	19.15	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.27	20.17	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.03	19.93	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.39	20.29	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.08	18.98	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.07	18.97	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.04	18.94	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.20	19.10	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.06	19.96	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.05	19.95	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.28	20.18	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.92	18.82	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.78	18.68	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.90	18.80	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.90	18.80	33	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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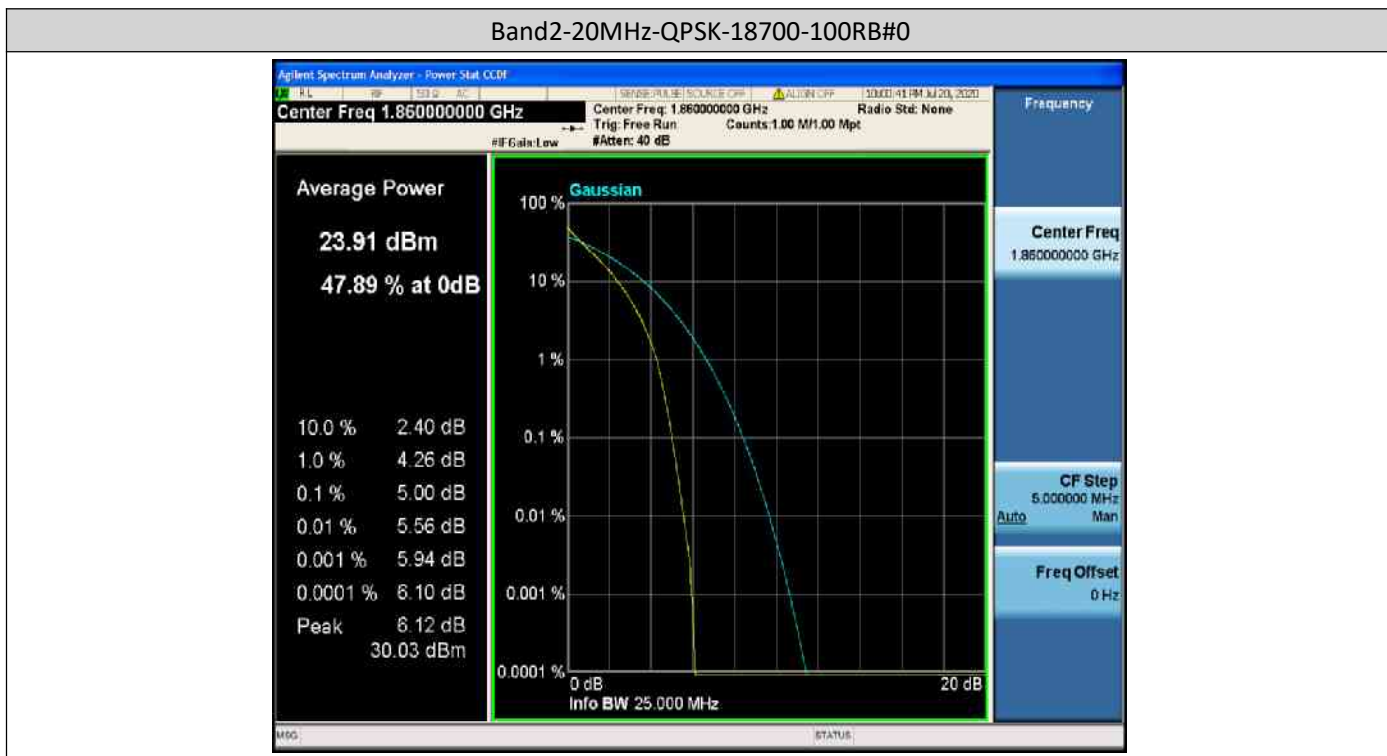


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.00	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.00	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.95	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.32	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.46	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.34	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.76	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.77	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.73	13	PASS

2.2. Test Plots





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



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



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Band2-20MHz-64QAM-18700-100RB#0



Band2-20MHz-64QAM-18900-100RB#0



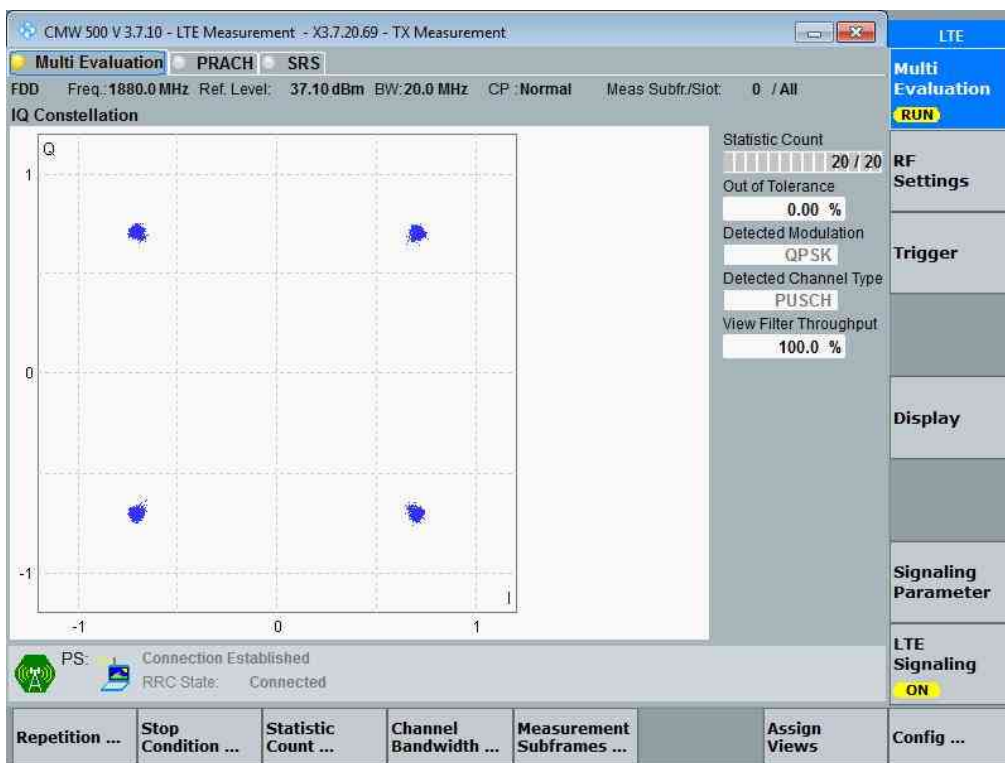
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH

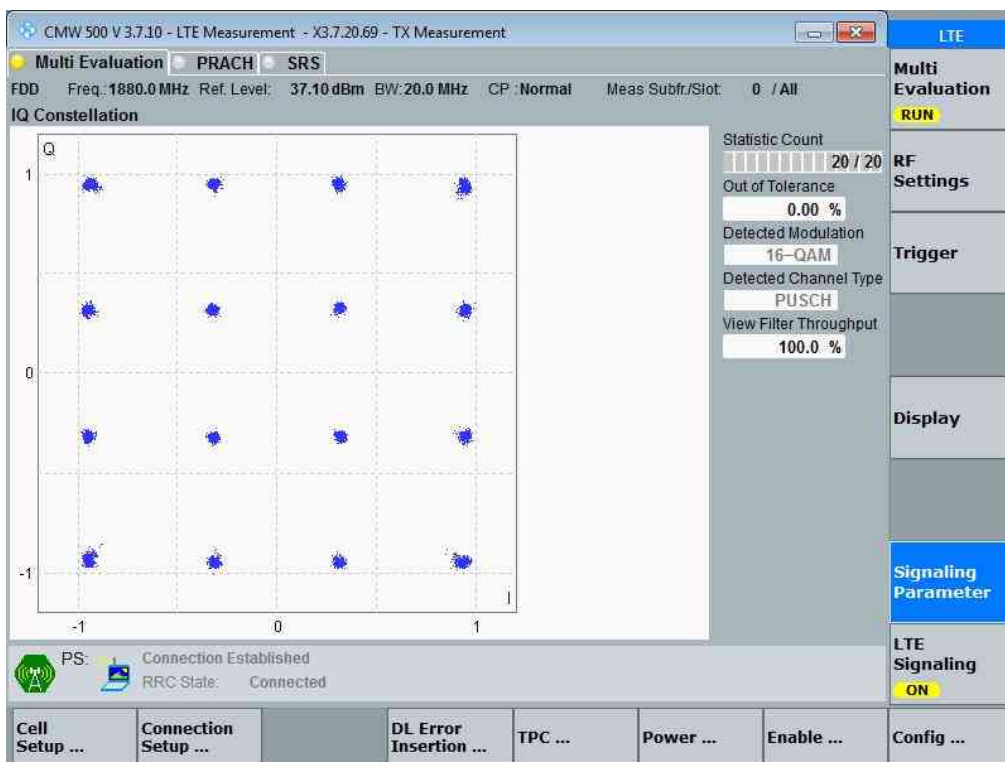


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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

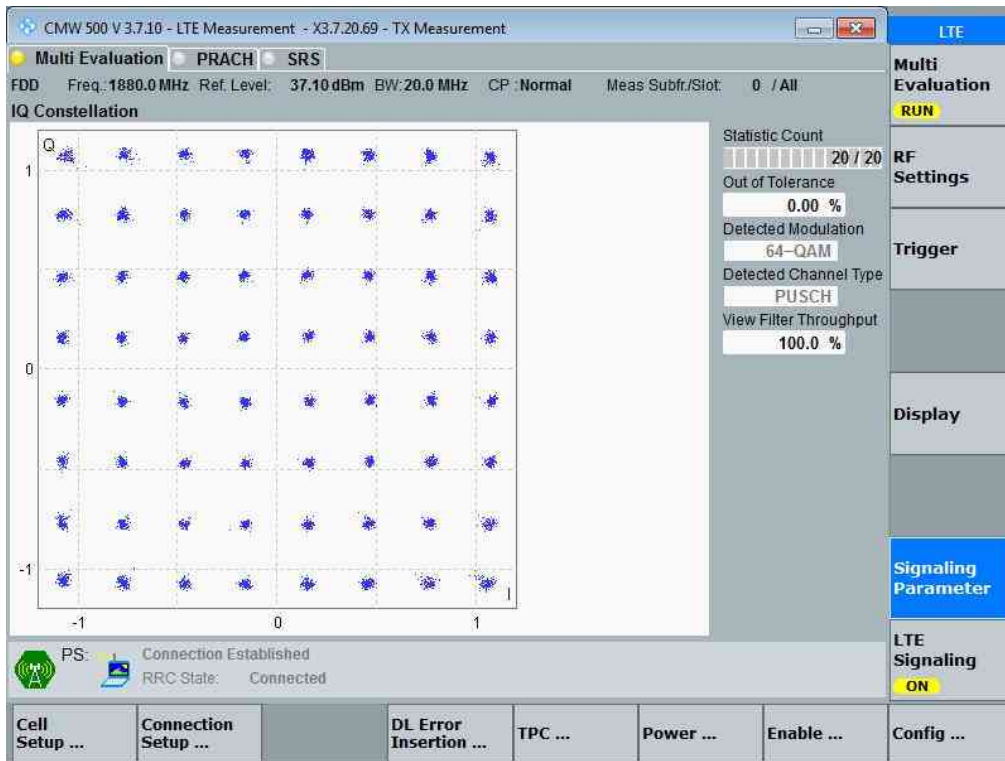


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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0913	1.283	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0910	1.283	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0906	1.274	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.0910	1.283	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.0894	1.281	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.0903	1.283	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0902	1.281	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0884	1.280	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0924	1.271	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6949	2.968	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6986	2.975	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6951	2.996	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.6919	2.965	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.6950	2.968	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.6964	2.969	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6896	2.963	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6889	2.944	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6837	2.947	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4731	4.899	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4732	4.899	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4722	4.902	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.4750	4.896	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.4768	4.891	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.4735	4.898	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4867	4.926	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4861	4.919	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4814	4.933	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9169	9.672	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9261	9.607	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9301	9.708	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.9290	9.722	PASS



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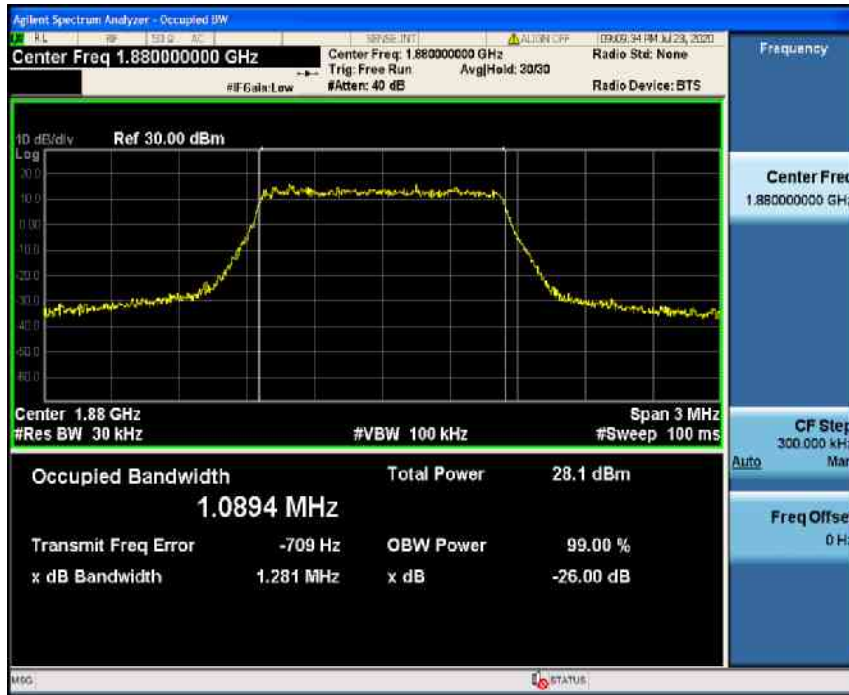
Band2	10MHz	64QAM	18900	50RB#0	8.9297	9.684	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.9315	9.617	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9292	9.645	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9147	9.697	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9232	9.712	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.470	14.79	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.447	14.61	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.449	14.66	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.450	14.76	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.461	14.67	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.453	14.72	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.460	14.71	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.438	14.64	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.442	14.61	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.895	19.32	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.903	19.29	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.907	19.33	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.854	19.29	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.917	19.27	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.879	19.31	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.893	19.39	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.865	19.31	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.880	19.36	PASS



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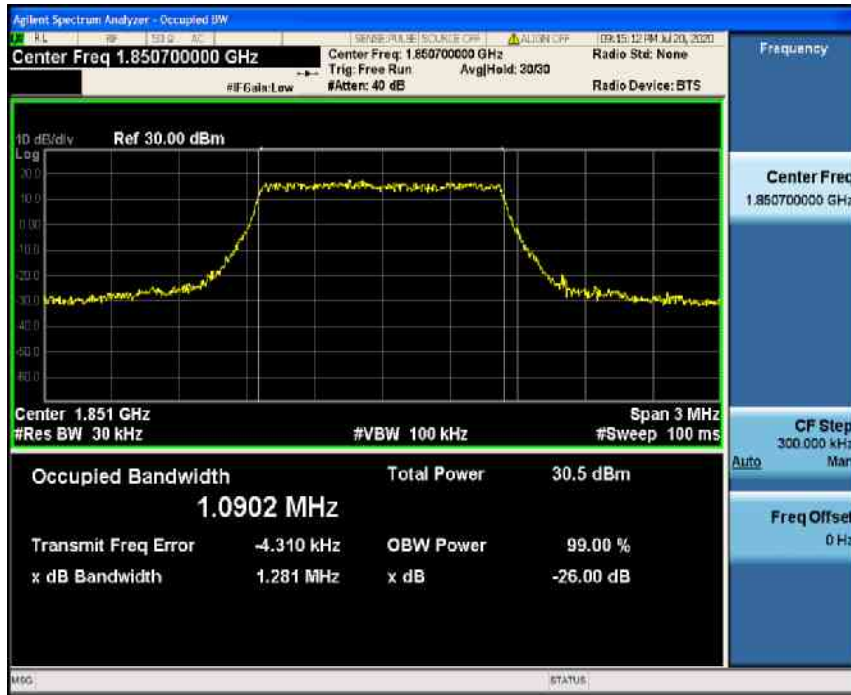


Band2-1.4MHz-64QAM-19193-6RB#0-1.0903



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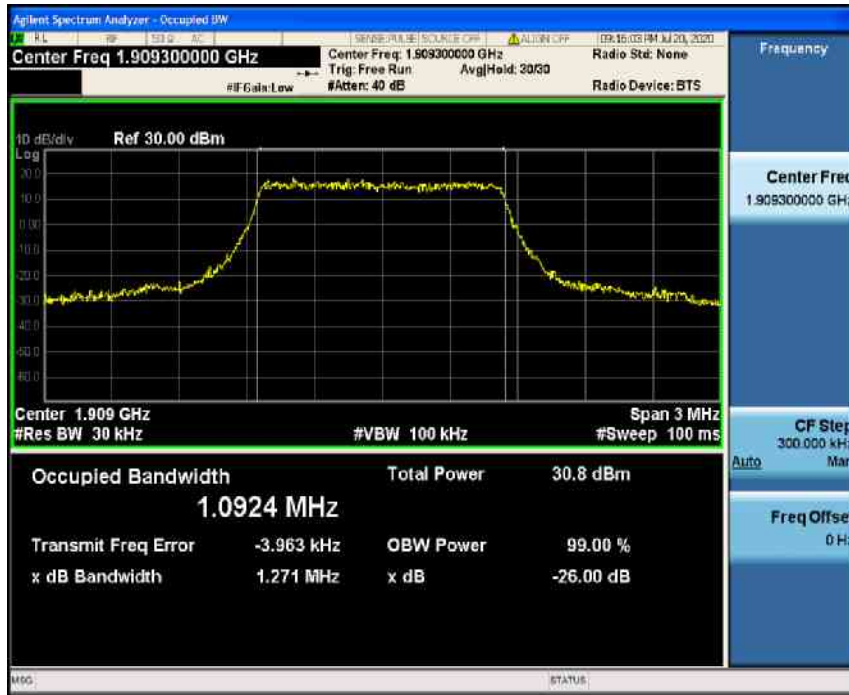


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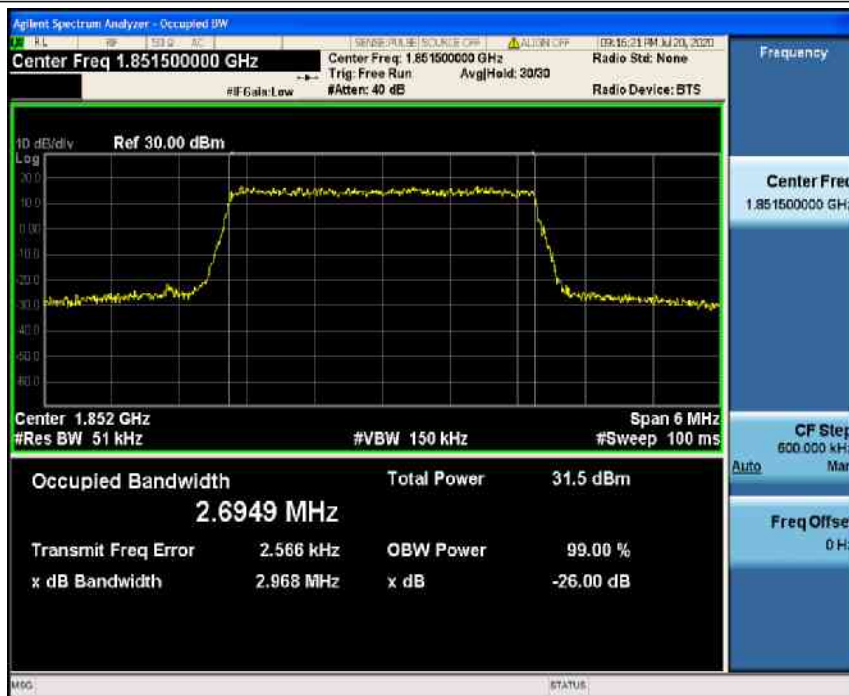
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Band2-1.4MHz-16QAM-19193-6RB#0-1.0924



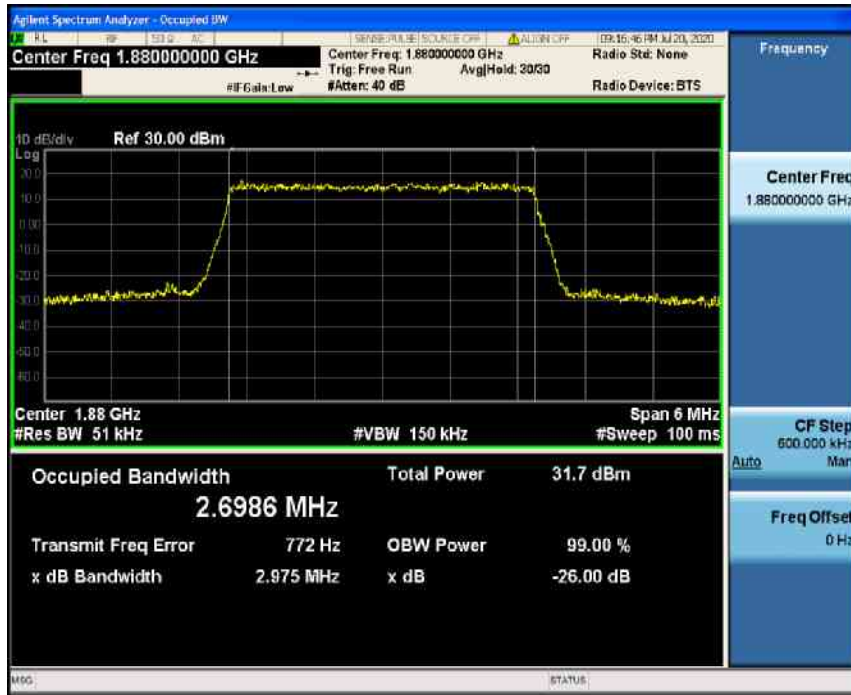
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Band2-3MHz-QPSK-19185-15RB#0-2.6951



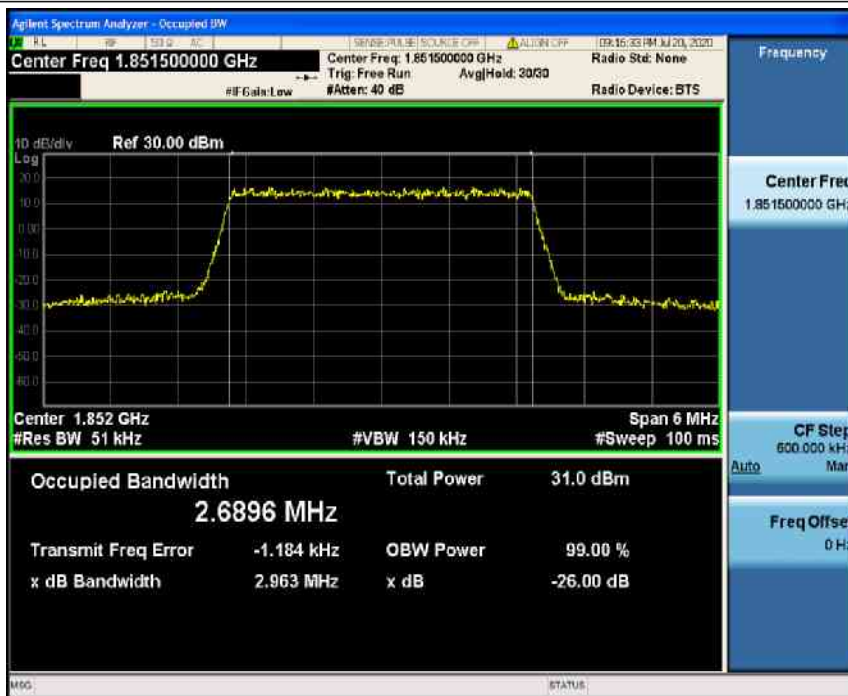
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Band2-3MHz-64QAM-19185-15RB#0-2.6964



Band2-3MHz-16QAM-18615-15RB#0-2.6896

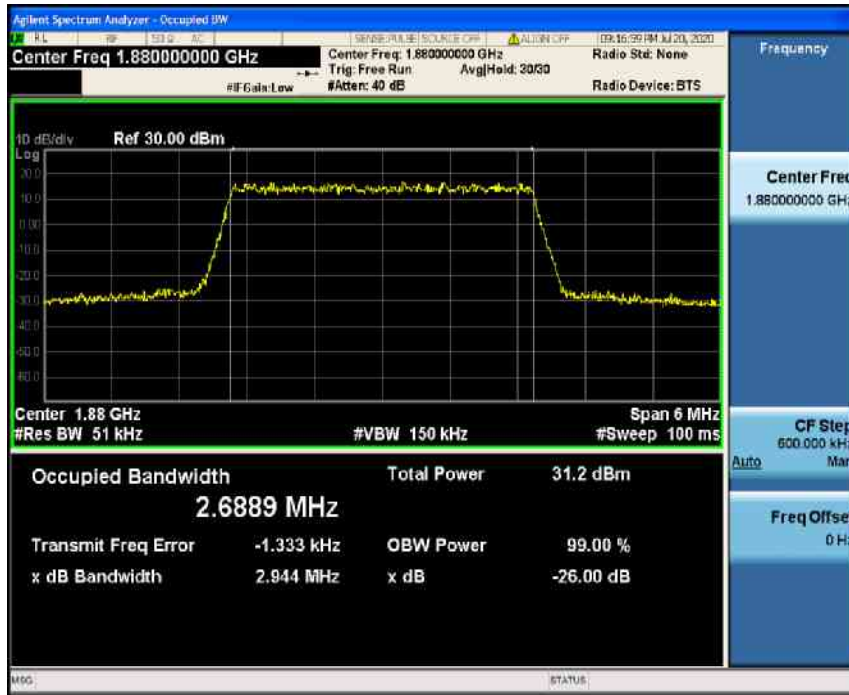


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Band2-3MHz-16QAM-18900-15RB#0-2.6889



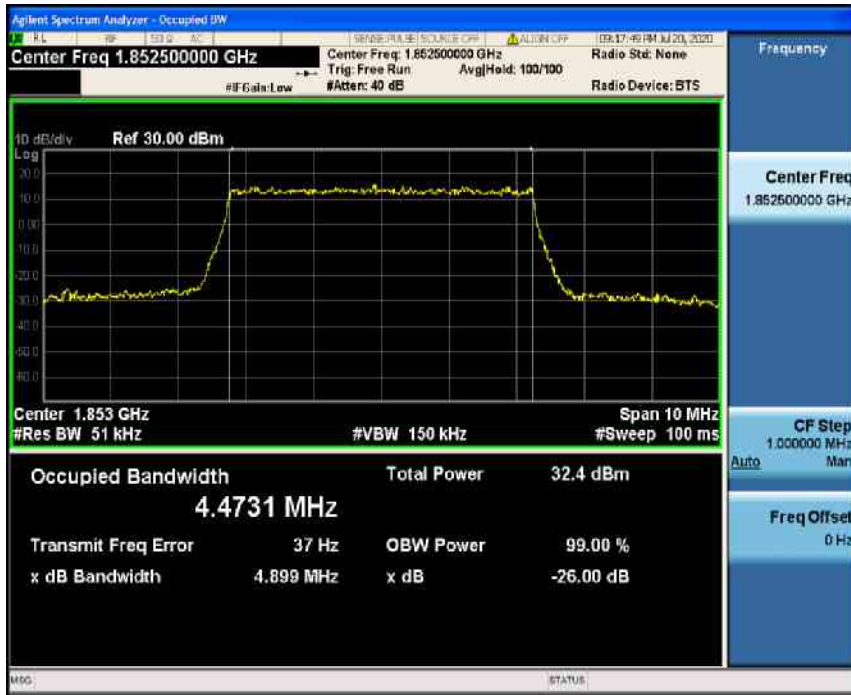
Band2-3MHz-16QAM-19185-15RB#0-2.6837



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Band2-5MHz-QPSK-18625-25RB#0-4.4731



Band2-5MHz-QPSK-18900-25RB#0-4.4732



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Band2-5MHz-QPSK-19175-25RB#0-4.4722



Band2-5MHz-64QAM-18625-25RB#0-4.4750



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Band2-5MHz-64QAM-18900-25RB#0-4.4768



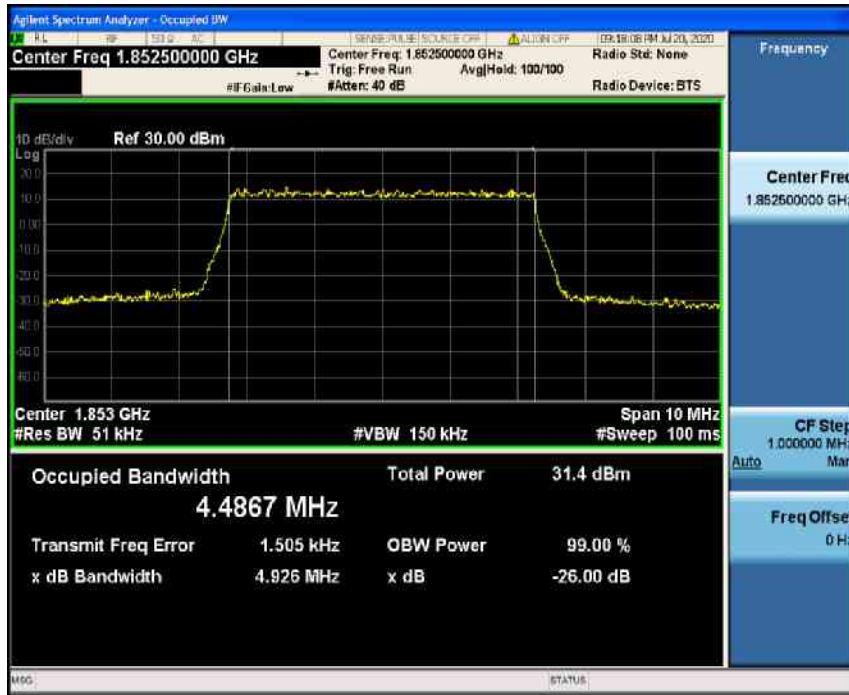
Band2-5MHz-64QAM-19175-25RB#0-4.4735



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Band2-5MHz-16QAM-18625-25RB#0-4.4867



Band2-5MHz-16QAM-18900-25RB#0-4.4861



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Band2-5MHz-16QAM-19175-25RB#0-4.4814

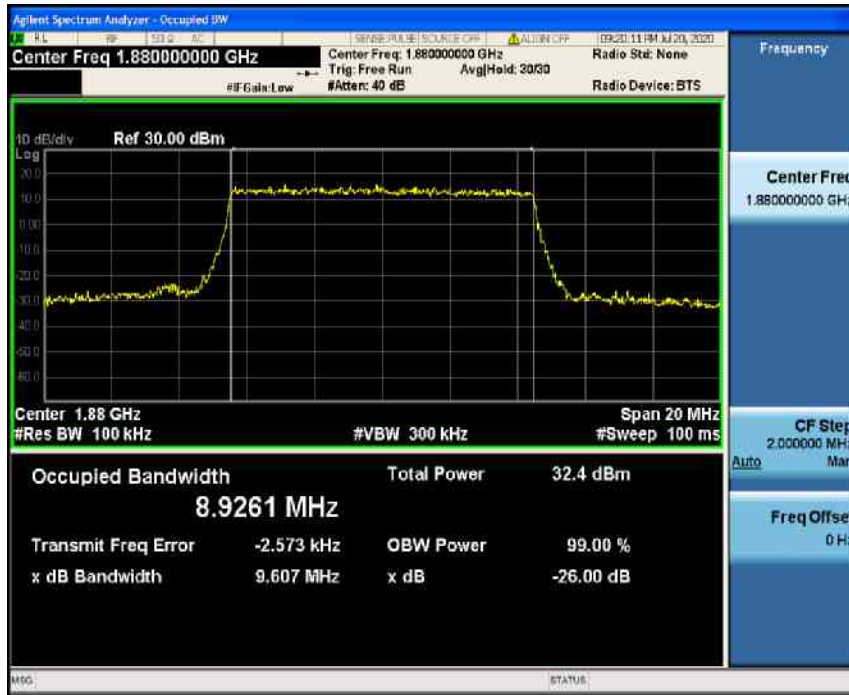


Band2-10MHz-QPSK-18650-50RB#0-8.9169



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Band2-10MHz-QPSK-18900-50RB#0-8.9261



Band2-10MHz-QPSK-19150-50RB#0-8.9301



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Band2-10MHz-64QAM-18650-50RB#0-8.9290

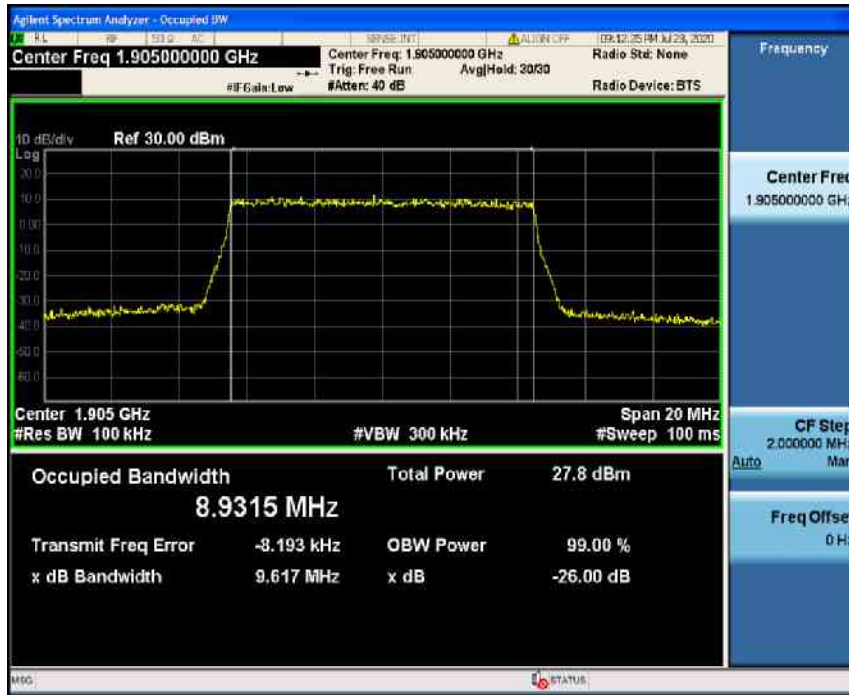


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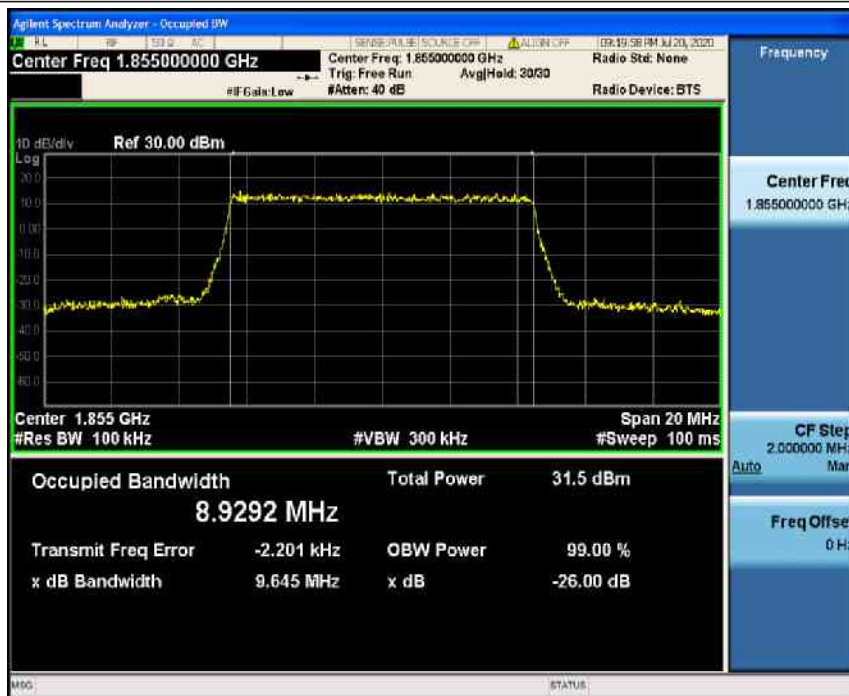




Band2-10MHz-64QAM-19150-50RB#0-8.9315



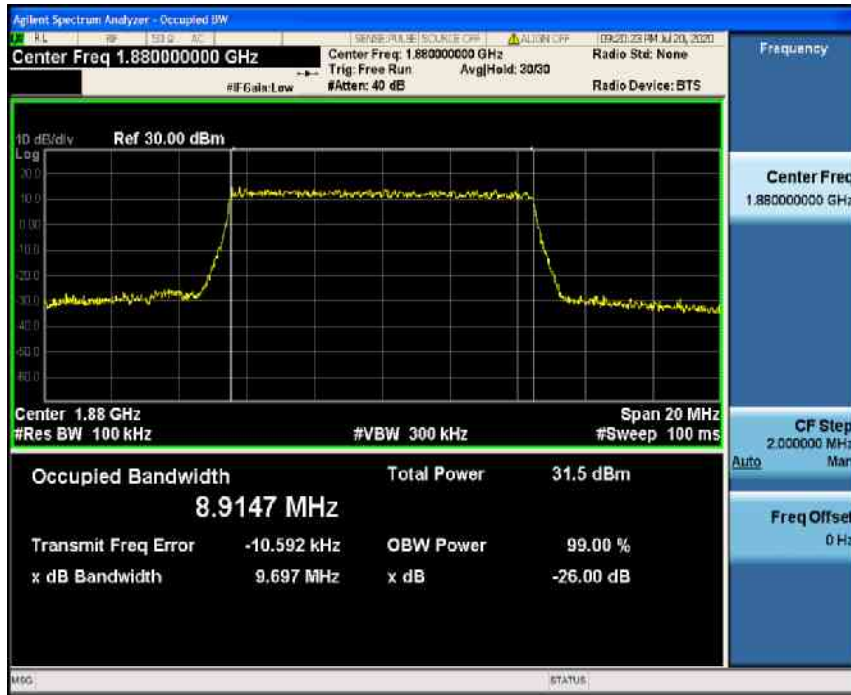
Band2-10MHz-16QAM-18650-50RB#0-8.9292



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Band2-10MHz-16QAM-18900-50RB#0-8.9147



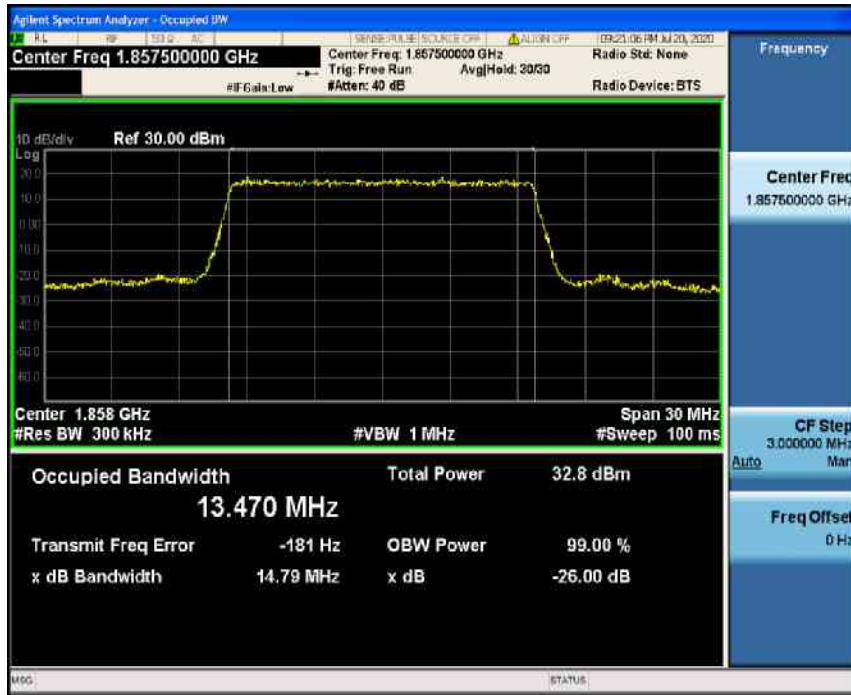
Band2-10MHz-16QAM-19150-50RB#0-8.9232



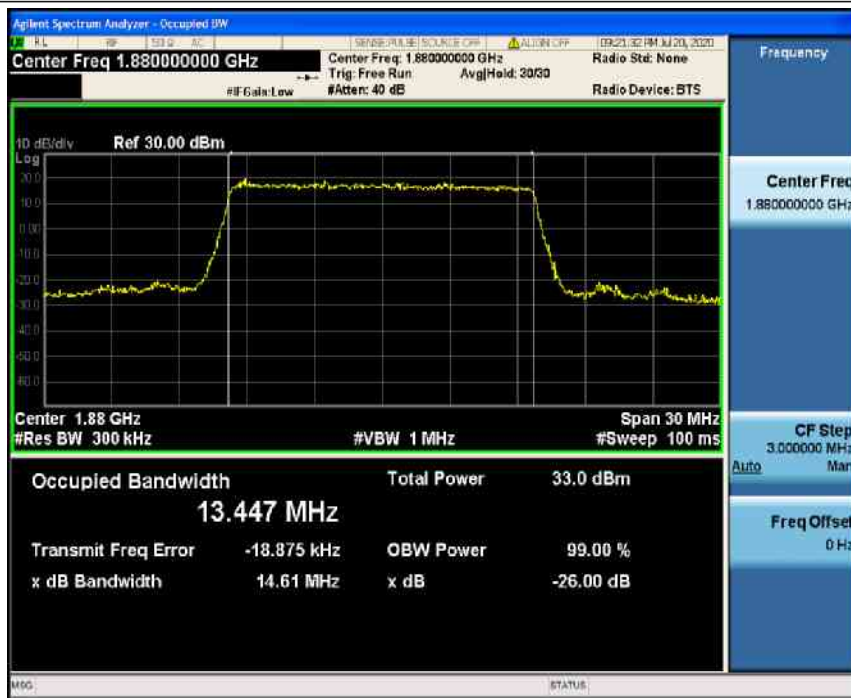
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Band2-15MHz-QPSK-18675-75RB#0-13.470



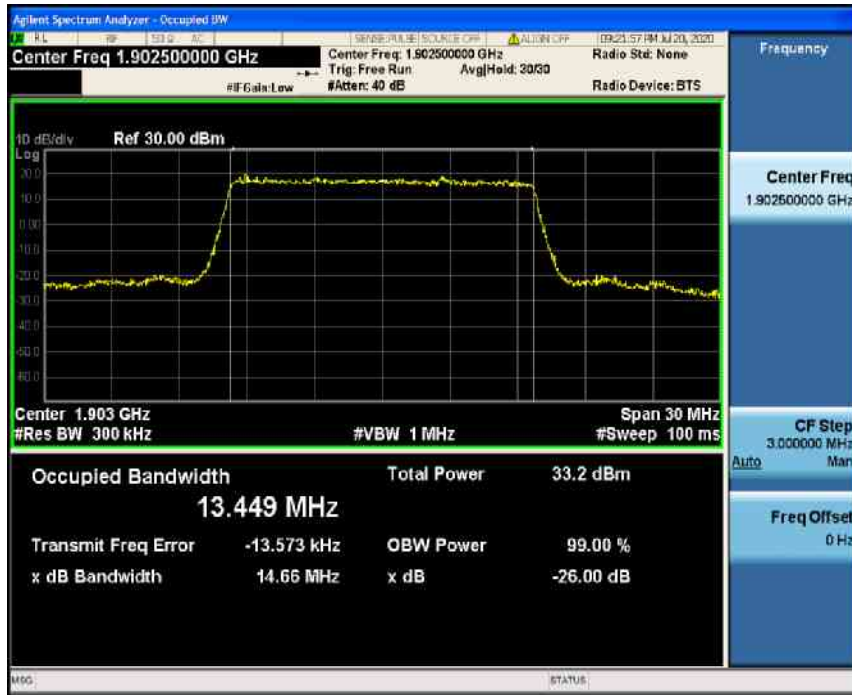
Band2-15MHz-QPSK-18900-75RB#0-13.447



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Band2-15MHz-QPSK-19125-75RB#0-13.449



Band2-15MHz-64QAM-18675-75RB#0-13.450



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Band2-15MHz-64QAM-18900-75RB#0-13.461



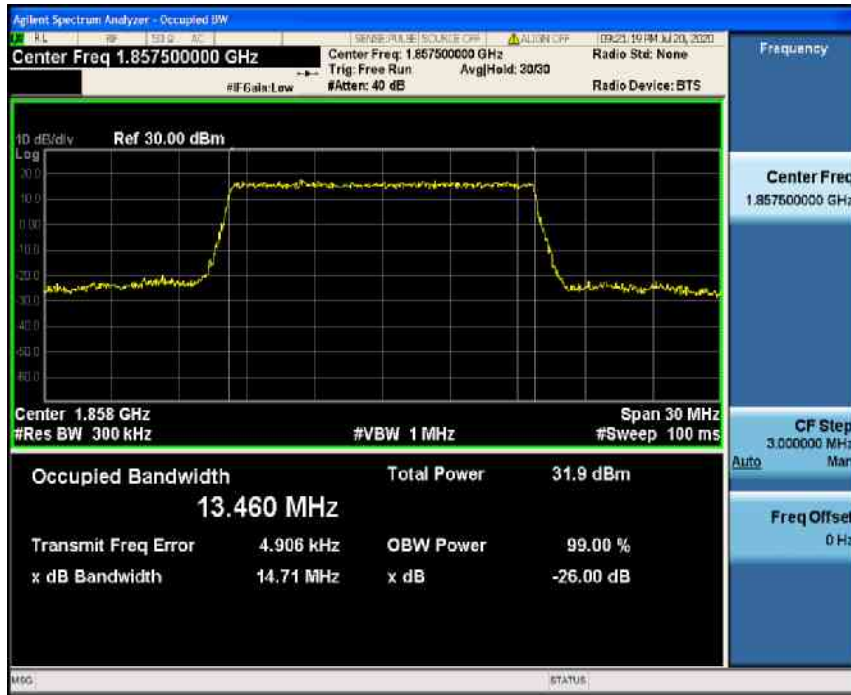
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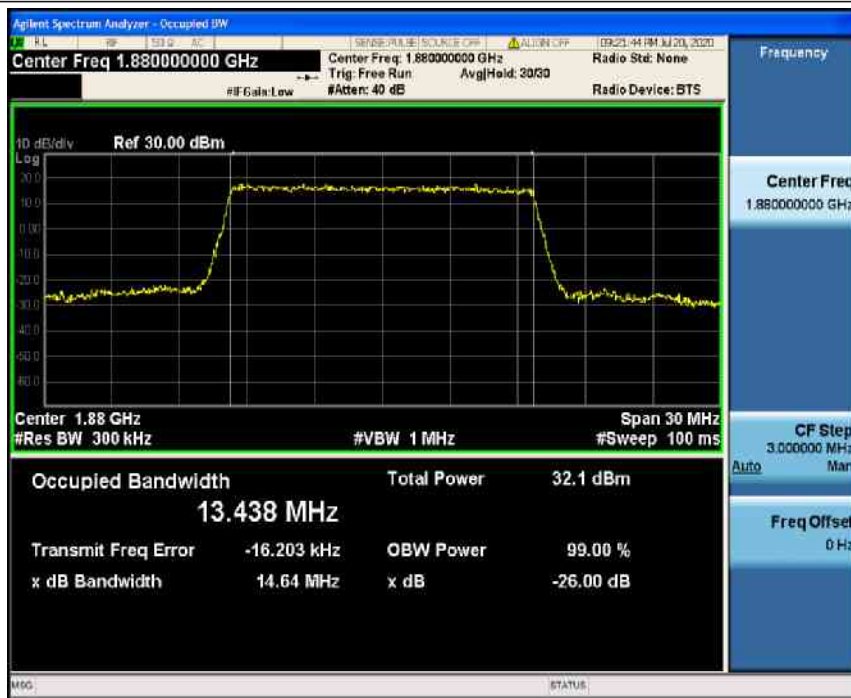
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Band2-15MHz-16QAM-18675-75RB#0-13.460



Band2-15MHz-16QAM-18900-75RB#0-13.438



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Band2-15MHz-16QAM-19125-75RB#0-13.442



Band2-20MHz-QPSK-18700-100RB#0-17.895



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Band2-20MHz-QPSK-18900-100RB#0-17.903



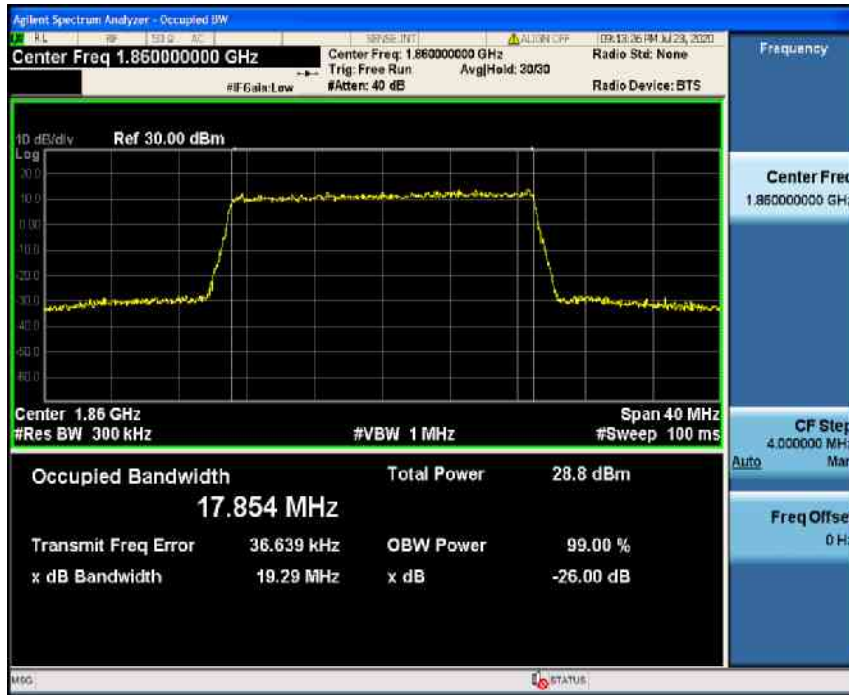
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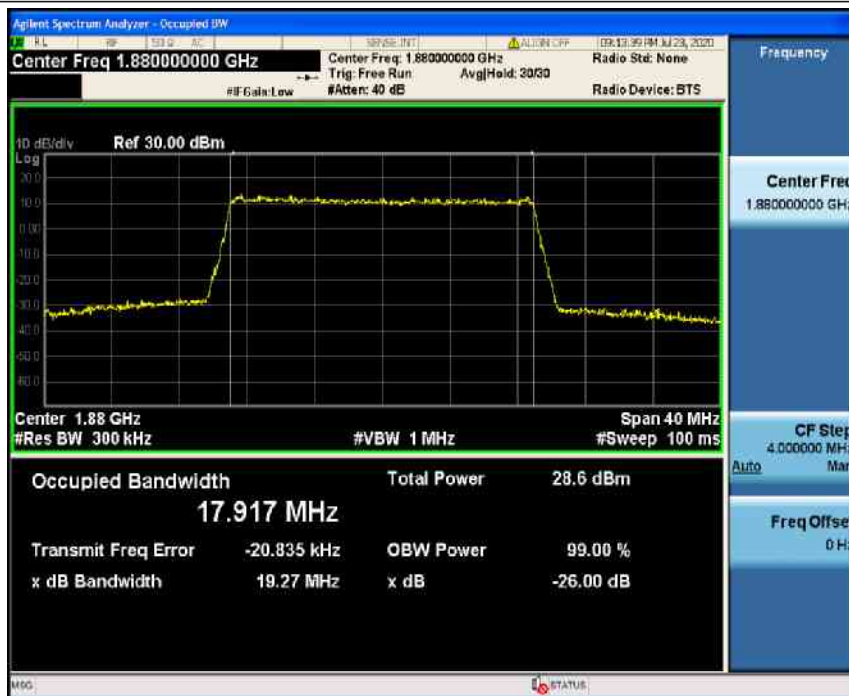
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Band2-20MHz-64QAM-18700-100RB#0-17.854



Band2-20MHz-64QAM-18900-100RB#0-17.917



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Band2-20MHz-64QAM-19100-100RB#0-17.879



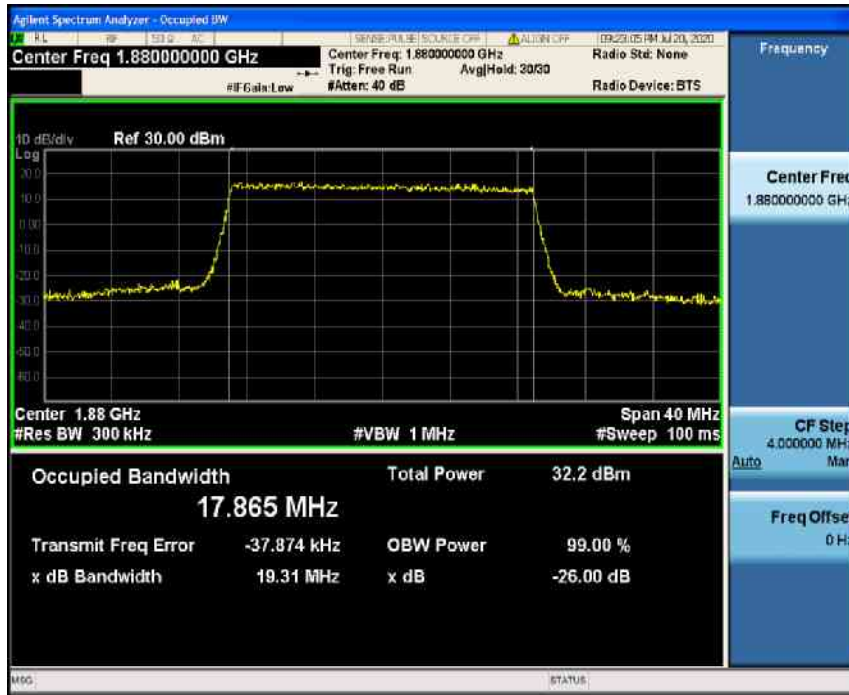
Band2-20MHz-16QAM-18700-100RB#0-17.893



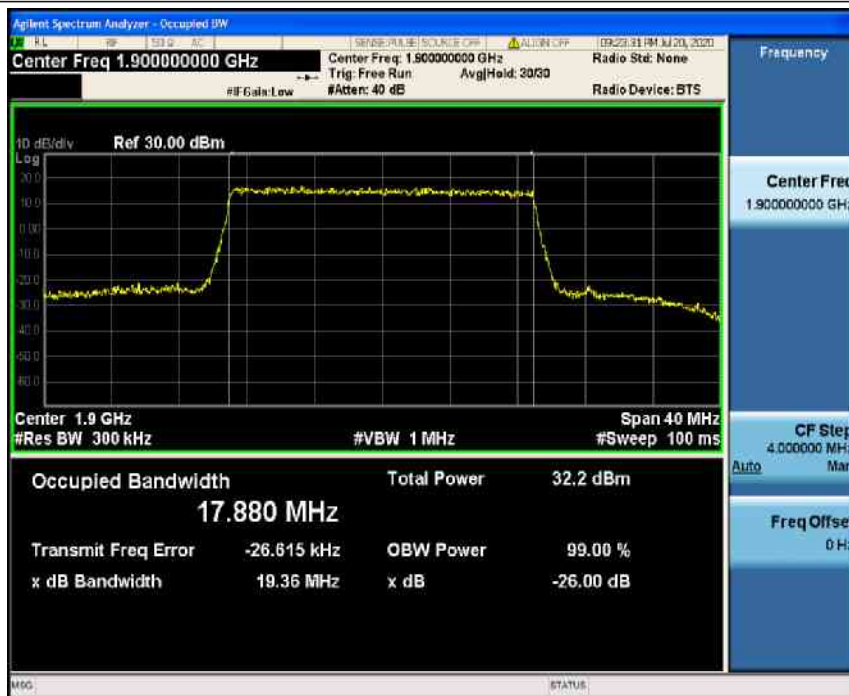
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Band2-20MHz-16QAM-18900-100RB#0-17.865



Band2-20MHz-16QAM-19100-100RB#0-17.880



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5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-21.16	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-26.14	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-20.27	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-24.93	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-25.57	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-29.90	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-24.62	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-31.47	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-21.72	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.15	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-21.09	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-26.20	PASS
Band2	3MHz	QPSK	18615	1RB#0	-20.81	PASS
Band2	3MHz	QPSK	18615	15RB#0	-27.57	PASS
Band2	3MHz	QPSK	19185	1RB#14	-19.65	PASS
Band2	3MHz	QPSK	19185	15RB#0	-25.89	PASS
Band2	3MHz	64QAM	18615	1RB#0	-23.96	PASS
Band2	3MHz	64QAM	18615	15RB#0	-31.39	PASS
Band2	3MHz	64QAM	19185	1RB#14	-24.28	PASS
Band2	3MHz	64QAM	19185	15RB#0	-31.74	PASS
Band2	3MHz	16QAM	18615	1RB#0	-19.97	PASS
Band2	3MHz	16QAM	18615	15RB#0	-28.71	PASS
Band2	3MHz	16QAM	19185	1RB#14	-20.80	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.93	PASS
Band2	5MHz	QPSK	18625	1RB#0	-21.29	PASS
Band2	5MHz	QPSK	18625	25RB#0	-27.68	PASS
Band2	5MHz	QPSK	19175	1RB#24	-21.17	PASS
Band2	5MHz	QPSK	19175	25RB#0	-27.13	PASS
Band2	5MHz	64QAM	18625	1RB#0	-24.05	PASS
Band2	5MHz	64QAM	18625	25RB#0	-31.44	PASS
Band2	5MHz	64QAM	19175	1RB#24	-23.88	PASS
Band2	5MHz	64QAM	19175	25RB#0	-32.11	PASS



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Band2	5MHz	16QAM	18625	1RB#0	-21.21	PASS
Band2	5MHz	16QAM	18625	25RB#0	-28.57	PASS
Band2	5MHz	16QAM	19175	1RB#24	-20.98	PASS
Band2	5MHz	16QAM	19175	25RB#0	-28.32	PASS
Band2	10MHz	QPSK	18650	1RB#0	-30.65	PASS
Band2	10MHz	QPSK	18650	50RB#0	-29.04	PASS
Band2	10MHz	QPSK	19150	1RB#49	-30.29	PASS
Band2	10MHz	QPSK	19150	50RB#0	-28.42	PASS
Band2	10MHz	64QAM	18650	1RB#0	-33.81	PASS
Band2	10MHz	64QAM	18650	50RB#0	-35.01	PASS
Band2	10MHz	64QAM	19150	1RB#49	-34.40	PASS
Band2	10MHz	64QAM	19150	50RB#0	-36.27	PASS
Band2	10MHz	16QAM	18650	1RB#0	-30.83	PASS
Band2	10MHz	16QAM	18650	50RB#0	-31.22	PASS
Band2	10MHz	16QAM	19150	1RB#49	-31.36	PASS
Band2	10MHz	16QAM	19150	50RB#0	-30.94	PASS
Band2	15MHz	QPSK	18675	1RB#0	-24.73	PASS
Band2	15MHz	QPSK	18675	75RB#0	-29.33	PASS
Band2	15MHz	QPSK	19125	1RB#74	-24.53	PASS
Band2	15MHz	QPSK	19125	75RB#0	-28.92	PASS
Band2	15MHz	64QAM	18675	1RB#0	-28.09	PASS
Band2	15MHz	64QAM	18675	75RB#0	-35.67	PASS
Band2	15MHz	64QAM	19125	1RB#74	-27.71	PASS
Band2	15MHz	64QAM	19125	75RB#0	-38.03	PASS
Band2	15MHz	16QAM	18675	1RB#0	-26.06	PASS
Band2	15MHz	16QAM	18675	75RB#0	-31.70	PASS
Band2	15MHz	16QAM	19125	1RB#74	-24.51	PASS
Band2	15MHz	16QAM	19125	75RB#0	-31.41	PASS
Band2	20MHz	QPSK	18700	1RB#0	-26.54	PASS
Band2	20MHz	QPSK	18700	100RB#0	-28.52	PASS
Band2	20MHz	QPSK	19100	1RB#99	-26.30	PASS
Band2	20MHz	QPSK	19100	100RB#0	-29.15	PASS
Band2	20MHz	64QAM	18700	1RB#0	-29.65	PASS
Band2	20MHz	64QAM	18700	100RB#0	-35.86	PASS
Band2	20MHz	64QAM	19100	1RB#99	-30.11	PASS
Band2	20MHz	64QAM	19100	100RB#0	-39.18	PASS
Band2	20MHz	16QAM	18700	1RB#0	-26.67	PASS
Band2	20MHz	16QAM	18700	100RB#0	-31.31	PASS



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Band2	20MHz	16QAM	19100	1RB#99	-27.66	PASS
Band2	20MHz	16QAM	19100	100RB#0	-32.48	PASS

5.2. Test Plots



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



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



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



Band2-1.4MHz-64QAM-18607-1RB#0



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Band2-1.4MHz-64QAM-18607-6RB#0



Band2-1.4MHz-64QAM-19193-1RB#5



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Band2-1.4MHz-16QAM-18607-1RB#0



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Band2-1.4MHz-16QAM-19193-1RB#5



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



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



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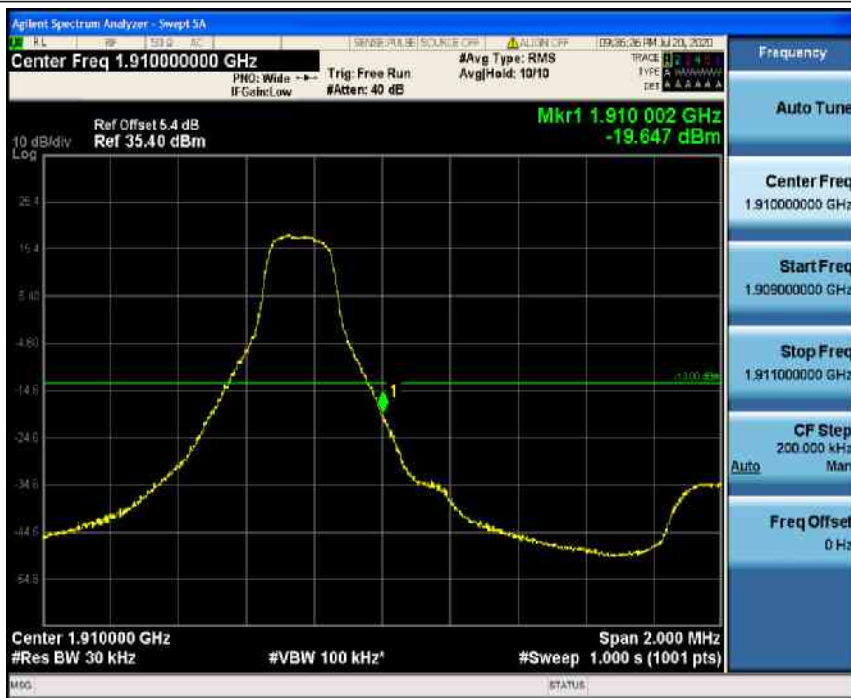
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Band2-3MHz-QPSK-18615-15RB#0



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



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Band2-3MHz-64QAM-18615-1RB#0



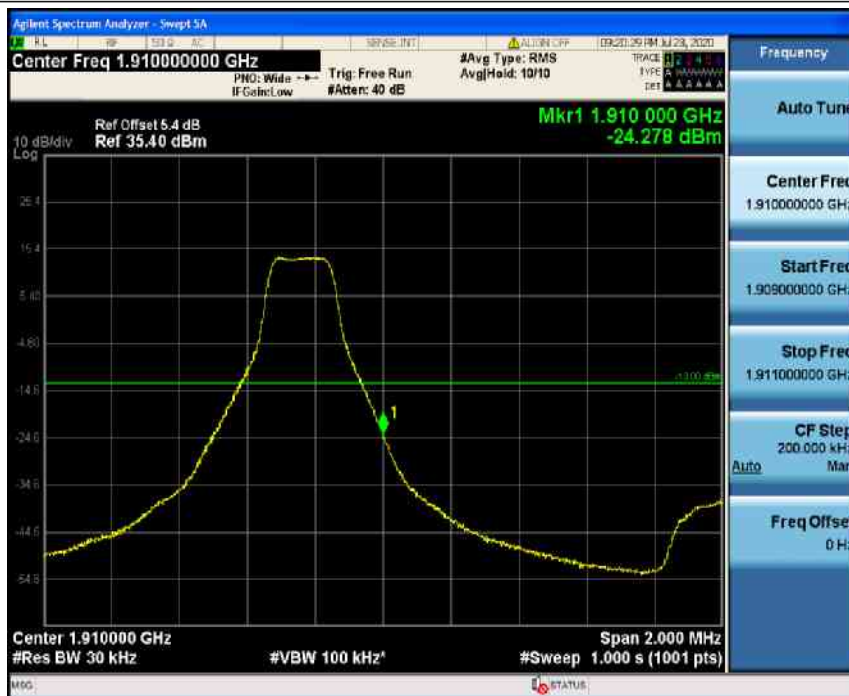
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Band2-3MHz-16QAM-18615-1RB#0



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



Band2-3MHz-16QAM-19185-1RB#14



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



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



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



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



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Band2-5MHz-64QAM-18625-1RB#0



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Band2-5MHz-64QAM-19175-1RB#24



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Band2-5MHz-64QAM-19175-25RB#0



Band2-5MHz-16QAM-18625-1RB#0



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



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



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



Band2-10MHz-QPSK-19150-1RB#49



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



Band2-10MHz-64QAM-18650-1RB#0



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Band2-10MHz-64QAM-19150-1RB#49



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Band2-10MHz-16QAM-19150-1RB#49



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



Band2-15MHz-QPSK-18675-1RB#0



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



Band2-15MHz-QPSK-19125-1RB#74



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Band2-15MHz-64QAM-18675-1RB#0



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Band2-20MHz-QPSK-18700-1RB#0



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Band2-20MHz-QPSK-19100-1RB#99



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Band2-20MHz-64QAM-18700-1RB#0



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



Band2-20MHz-16QAM-19100-1RB#99



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



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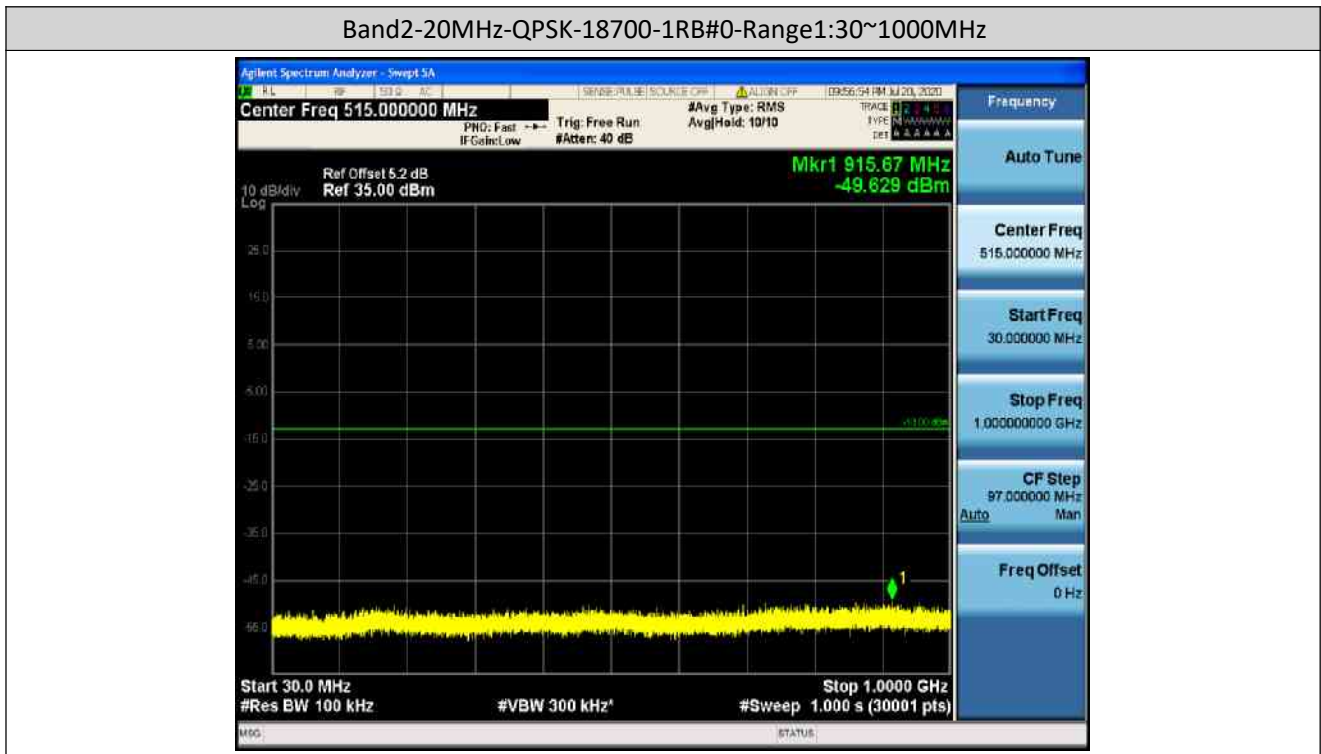
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots



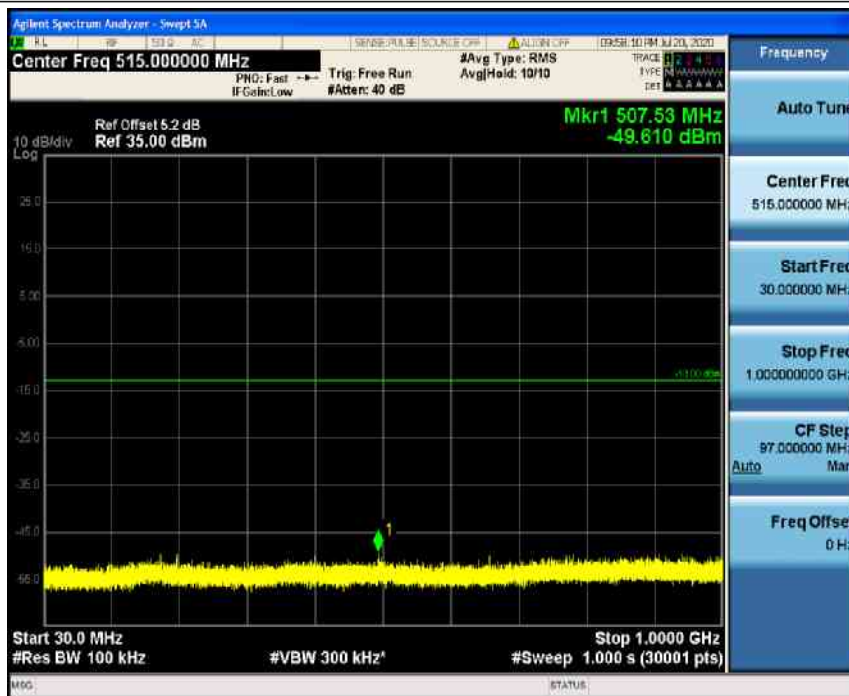
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Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



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



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Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



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

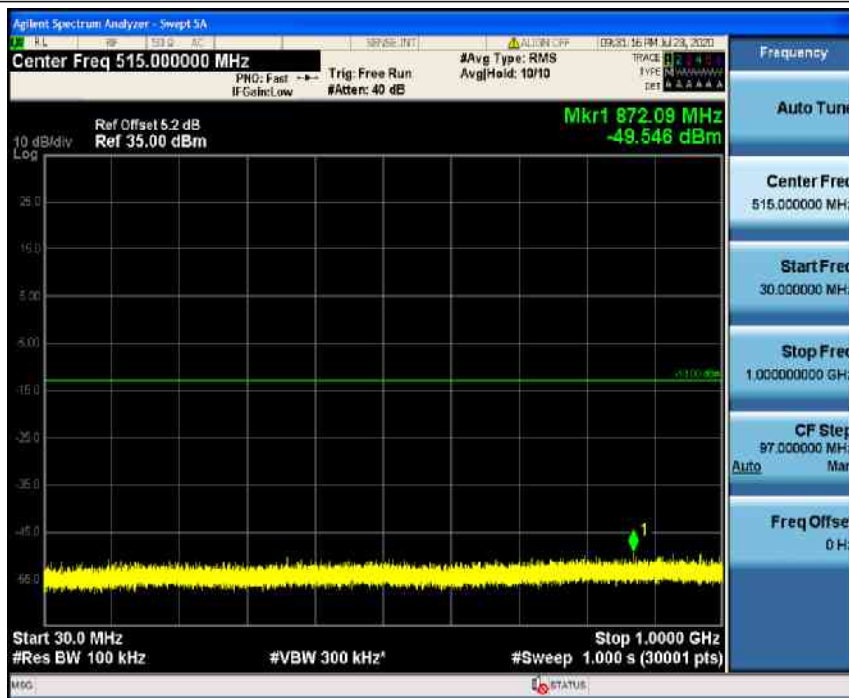


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Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



Band2-20MHz-64QAM-18700-1RB#0-Range1:30~1000MHz

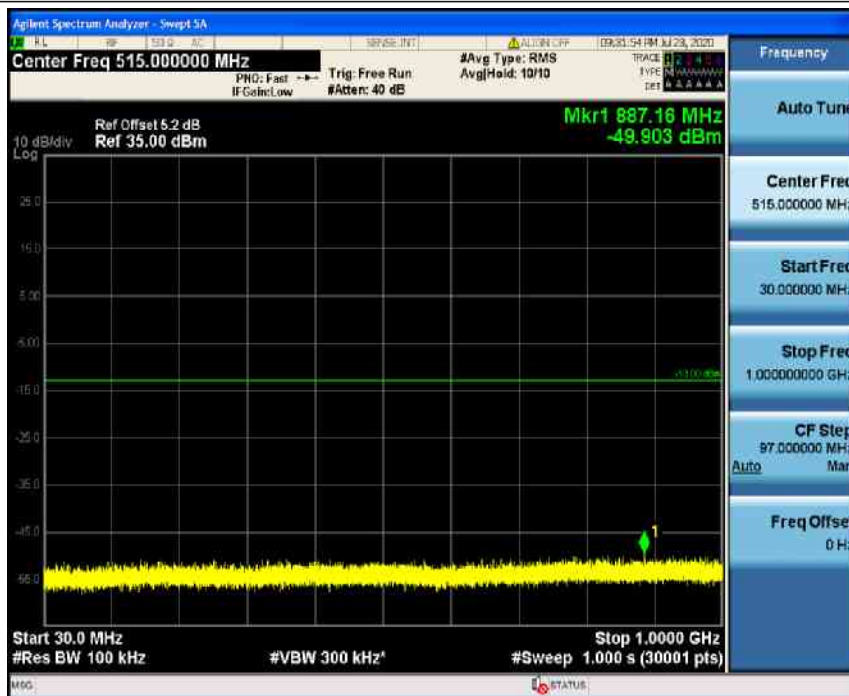


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Band2-20MHz-64QAM-18700-1RB#0-Range2:1000~20000MHz



Band2-20MHz-64QAM-18900-1RB#0-Range1:30~1000MHz



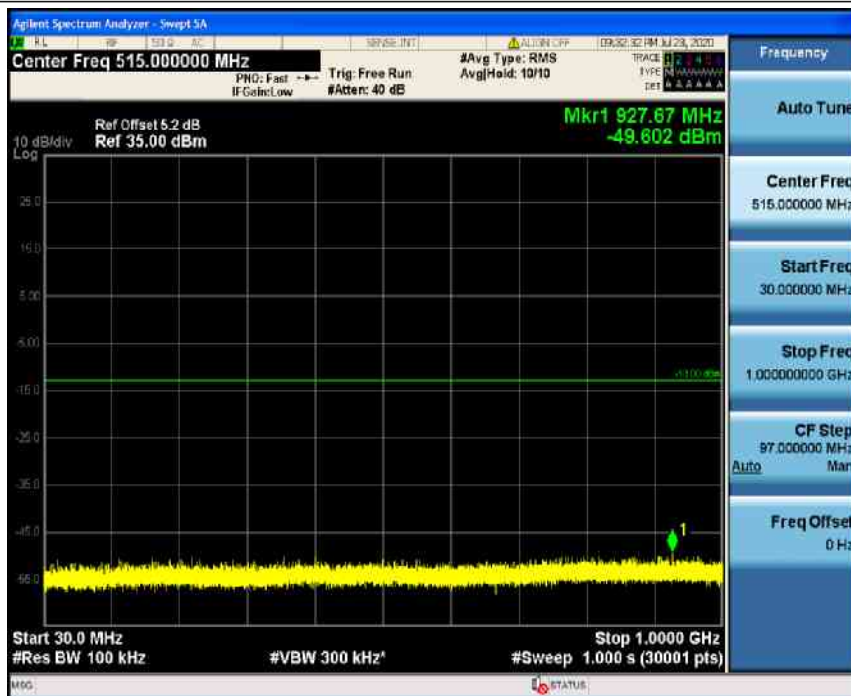
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Band2-20MHz-64QAM-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-64QAM-19100-1RB#0-Range1:30~1000MHz



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Band2-20MHz-64QAM-19100-1RB#0-Range2:1000~20000MHz



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



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Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



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

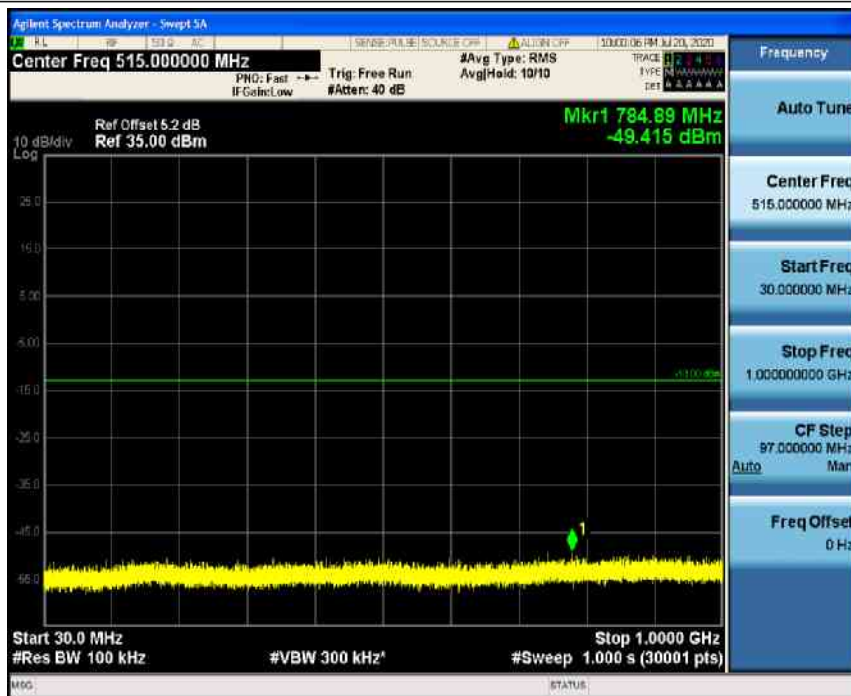


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Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



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



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Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.9505	-65.66	-13.00	52.66	Vertical
343.3257	-68.73	-13.00	55.73	Vertical
3702.0234	-49.75	-13.00	36.75	Vertical
5553.0851	-54.94	-13.00	41.94	Vertical
7404.1468	-45.91	-13.00	32.91	Vertical
9255.7085	-50.27	-13.00	37.27	Vertical
42.4166	-64.54	-13.00	51.54	Horizontal
101.5411	-75.47	-13.00	62.47	Horizontal
242.8771	-68.55	-13.00	55.55	Horizontal
3702.0234	-49.85	-13.00	36.85	Horizontal
5553.0851	-55.08	-13.00	42.08	Horizontal
7404.1468	-52.77	-13.00	39.77	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.4937	-72.50	-13.00	59.50	Vertical
109.8835	-65.33	-13.00	52.33	Vertical
603.4442	-62.91	-13.00	49.91	Vertical
3742.0247	-51.30	-13.00	38.30	Vertical
5613.0871	-55.39	-13.00	42.39	Vertical
7484.1495	-47.82	-13.00	34.82	Vertical
40.9615	-64.47	-13.00	51.47	Horizontal
231.1396	-68.69	-13.00	55.69	Horizontal
3742.0247	-52.95	-13.00	39.95	Horizontal
5613.0871	-57.97	-13.00	44.97	Horizontal
7484.6495	-54.35	-13.00	41.35	Horizontal
16395.4465	-43.66	-13.00	30.66	Horizontal



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-1.90	-0.001022	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-2.50	-0.001344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-0.90	-0.000484	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	2.70	0.001436	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	1.90	0.001011	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	2.60	0.001383	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-4.10	-0.002158	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	1.80	0.000968	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	3.60	0.001935	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	1.00	0.000538	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	3.50	0.001862	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	2.90	0.001543	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	3.40	0.001809	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-3.00	-0.001579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-0.70	-0.000376	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-0.30	-0.000161	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	5.20	0.002796	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	2.40	0.001277	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	1.40	0.000745	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	1.90	0.001011	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-2.30	-0.001211	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	2.00	0.001075	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	4.10	0.002204	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	3.75	0.002016	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	1.50	0.000806	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	3.50	0.001882	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	5.70	0.003065	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-2.60	-0.001398	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-0.30	-0.000161	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	5.40	0.002903	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	2.40	0.001277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	3.00	0.001596	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	4.20	0.002234	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	0.50	0.000266	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	3.80	0.002021	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	4.60	0.002447	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	2.20	0.001170	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	0.10	0.000053	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	2.90	0.001543	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	0.10	0.000053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-3.84	-0.001883	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-0.90	-0.000474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	1.30	0.000699	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	3.20	0.001720	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	2.76	0.001484	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	0.40	0.000215	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	2.10	0.001129	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	2.30	0.001237	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	3.10	0.001667	±2.5	PASS



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Band2	20MHz	64QAM	18700	100RB#0	NV	40	3.20	0.001720	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	2.80	0.001505	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	3.40	0.001809	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	0.20	0.000106	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	1.98	0.001053	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	0.70	0.000372	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	1.00	0.000532	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-1.10	-0.000585	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	0.70	0.000372	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	2.80	0.001489	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-0.70	-0.000368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	-4.52	-0.002379	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-3.60	-0.001895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-1.50	-0.000789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-1.00	-0.000538	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-2.20	-0.001183	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	-2.28	-0.001226	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	1.10	0.000591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-1.80	-0.000968	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	0.20	0.000108	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-1.70	-0.000914	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	2.60	0.001383	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	1.00	0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	1.33	0.000707	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	3.40	0.001809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	2.60	0.001383	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	1.40	0.000745	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	4.00	0.002128	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	3.30	0.001755	±2.5	PASS



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Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-2.66	-0.001400	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-1.50	-0.000789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-4.00	-0.002105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.70	-0.001947	±2.5	PASS



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