



# Appendix B

## E-UTRA Band 2



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# 1. Effective (Isotropic) Radiated Power

## 1.1. Test Result for Down Antenna

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.64	24.06	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.54	23.96	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.76	24.18	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.80	24.22	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.54	23.96	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.68	24.10	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.57	22.99	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.64	24.06	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.58	24.00	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.61	24.03	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.81	24.23	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.76	24.18	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.74	24.16	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.77	23.19	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.63	24.05	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.60	24.02	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.79	24.21	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.67	24.09	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.74	24.16	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.84	24.26	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.77	23.19	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.04	22.46	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.17	22.59	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	20.86	22.28	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.06	22.48	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.01	22.43	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.12	22.54	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	19.92	21.34	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	20.80	22.22	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	20.87	22.29	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	20.99	22.41	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.08	22.50	33.00	PASS



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Band2	1.4MHz	64QAM	18900	3RB#1	20.96	22.38	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	20.91	22.33	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	19.88	21.30	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.18	22.60	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.15	22.57	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.19	22.61	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.06	22.48	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	20.82	22.24	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	20.85	22.27	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.11	21.53	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.75	23.17	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.68	23.10	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.83	23.25	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.55	22.97	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.56	22.98	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.80	23.22	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.56	21.98	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.95	23.37	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.74	23.16	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.89	23.31	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.73	23.15	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.61	23.03	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.82	23.24	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.81	22.23	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.96	23.38	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.68	23.10	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.98	23.40	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.77	23.19	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.73	23.15	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.73	23.15	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.73	22.15	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.62	24.04	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.75	24.17	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.59	24.01	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.76	23.18	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.74	23.16	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.68	23.10	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.71	23.13	33.00	PASS



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Band2	3MHz	QPSK	18900	1RB#0	22.62	24.04	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.69	24.11	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.64	24.06	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.78	23.20	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.58	23.00	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.65	23.07	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.70	23.12	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.68	24.10	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.72	24.14	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.83	24.25	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.81	23.23	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.70	23.12	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.75	23.17	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.79	23.21	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	20.95	22.37	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.06	22.48	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.09	22.51	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	19.89	21.31	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.18	21.60	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	19.98	21.40	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.19	21.61	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	20.90	22.32	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	20.93	22.35	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	20.93	22.35	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	19.99	21.41	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	19.98	21.40	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.12	21.54	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	19.88	21.30	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	20.88	22.30	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.15	22.57	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	20.99	22.41	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.09	21.51	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	19.92	21.34	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.12	21.54	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	19.85	21.27	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.76	23.18	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.89	23.31	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.70	23.12	33.00	PASS



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Band2	3MHz	16QAM	18615	8RB#0	20.73	22.15	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.69	22.11	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.66	22.08	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.64	22.06	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.73	23.15	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.91	23.33	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.78	23.20	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.75	22.17	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.84	22.26	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.64	22.06	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.69	22.11	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.94	23.36	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.89	23.31	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.98	23.40	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.79	22.21	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.75	22.17	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.82	22.24	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.75	22.17	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.75	24.17	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.55	23.97	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.67	24.09	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.66	23.08	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.65	23.07	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.68	23.10	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.77	23.19	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.72	24.14	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.71	24.13	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.57	23.99	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.71	23.13	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.67	23.09	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.67	23.09	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.75	23.17	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.63	24.05	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.54	23.96	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.79	24.21	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.82	23.24	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.68	23.10	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.79	23.21	33.00	PASS



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Band2	5MHz	QPSK	19175	25RB#0	21.81	23.23	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	20.86	22.28	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.12	22.54	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.18	22.60	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.11	21.53	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.17	21.59	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.05	21.47	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.15	21.57	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	20.98	22.40	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	20.88	22.30	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.03	22.45	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.13	21.55	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.11	21.53	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	20.07	21.49	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.15	21.57	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.05	22.47	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.07	22.49	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.88	22.30	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	20.12	21.54	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	19.91	21.33	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	20.07	21.49	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.98	21.40	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.90	23.32	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.59	23.01	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.82	23.24	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.61	22.03	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.58	22.00	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.61	22.03	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.69	22.11	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.88	23.30	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.71	23.13	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.72	23.14	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.72	22.14	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.63	22.05	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.65	22.07	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.72	22.14	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.72	23.14	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.64	23.06	33.00	PASS



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Band2	5MHz	16QAM	19175	1RB#24	21.97	23.39	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.78	22.20	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.66	22.08	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.77	22.19	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.75	22.17	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.77	24.19	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.50	23.92	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.67	24.09	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.79	23.21	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.64	23.06	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.71	23.13	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.85	23.27	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.67	24.09	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.60	24.02	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.63	24.05	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.61	23.03	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.61	23.03	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.66	23.08	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.59	23.01	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.63	24.05	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.60	24.02	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.83	24.25	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.81	23.23	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.72	23.14	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.80	23.22	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.75	23.17	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	20.83	22.25	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	20.91	22.33	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.19	22.61	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.07	21.49	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	19.89	21.31	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.18	21.60	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	19.94	21.36	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	20.85	22.27	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.17	22.59	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	20.81	22.23	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.19	21.61	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	19.90	21.32	33.00	PASS



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Band2	10MHz	64QAM	18900	25RB#25	20.13	21.55	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.19	21.61	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.16	22.58	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.05	22.47	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.13	22.55	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	19.93	21.35	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	19.93	21.35	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	19.86	21.28	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.19	21.61	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.92	23.34	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.61	23.03	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.81	23.23	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.69	22.11	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.55	21.97	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.65	22.07	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.75	22.17	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.86	23.28	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.58	23.00	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.80	23.22	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.55	21.97	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.55	21.97	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.64	22.06	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.54	21.96	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.78	23.20	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.57	22.99	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.97	23.39	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.73	22.15	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.71	22.13	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.82	22.24	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.72	22.14	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.70	24.12	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.68	24.10	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.61	24.03	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	21.81	23.23	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	21.65	23.07	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	21.67	23.09	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.81	23.23	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.72	24.14	33.00	PASS



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Band2	15MHz	QPSK	18900	1RB#38	22.60	24.02	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.61	24.03	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	21.66	23.08	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	21.61	23.03	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	21.67	23.09	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.62	23.04	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.66	24.08	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.56	23.98	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.62	24.04	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.82	23.24	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.73	23.15	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.66	23.08	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.78	23.20	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.16	22.58	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.17	22.59	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	20.96	22.38	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#0	19.93	21.35	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.02	21.44	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#39	19.90	21.32	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.10	21.52	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	20.96	22.38	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.84	22.26	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.18	22.60	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#0	19.89	21.31	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#18	19.95	21.37	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#39	19.86	21.28	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	19.97	21.39	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.18	22.60	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.14	22.56	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.06	22.48	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#0	19.93	21.35	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#18	19.83	21.25	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#39	20.04	21.46	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	19.83	21.25	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.90	23.32	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.74	23.16	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.68	23.10	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	20.75	22.17	33.00	PASS



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Band2	15MHz	16QAM	18675	36RB#18	20.58	22.00	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	20.61	22.03	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.72	22.14	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.86	23.28	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.83	23.25	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.71	23.13	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	20.62	22.04	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	20.57	21.99	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.66	22.08	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.57	21.99	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.85	23.27	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.91	23.33	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.83	23.25	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	20.77	22.19	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.71	22.13	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	20.66	22.08	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.74	22.16	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.93	24.35	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.61	24.03	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.80	24.22	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.77	23.19	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.62	23.04	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.80	23.22	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.85	23.27	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.83	24.25	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.57	23.99	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.77	24.19	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.88	23.30	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.61	23.03	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.76	23.18	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.64	23.06	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.88	24.30	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.62	24.04	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.80	24.22	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.81	23.23	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.78	23.20	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.79	23.21	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.78	23.20	33.00	PASS



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Band2	20MHz	64QAM	18700	1RB#0	21.17	22.59	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	20.94	22.36	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	20.96	22.38	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.20	21.62	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	19.85	21.27	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.06	21.48	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.08	21.50	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.00	22.42	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.17	22.59	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.18	22.60	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.12	21.54	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.12	21.54	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.01	21.43	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.13	21.55	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	20.98	22.40	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	20.97	22.39	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.00	22.42	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	19.80	21.22	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	19.88	21.30	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.13	21.55	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.86	21.28	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.14	23.56	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.60	23.02	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.04	23.46	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.75	22.17	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.55	21.97	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.74	22.16	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.79	22.21	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.09	23.51	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.60	23.02	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.97	23.39	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.81	22.23	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.55	21.97	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.74	22.16	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.59	22.01	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.06	23.48	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.64	23.06	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.05	23.47	33.00	PASS



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Band2	20MHz	16QAM	19100	50RB#0	20.79	22.21	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.71	22.13	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.89	22.31	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.80	22.22	33.00	PASS

## 1.2. Test Result for Up Antenna

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.97	20.21	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.95	20.19	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.94	20.18	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.95	20.19	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.04	20.28	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.98	20.22	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.94	19.18	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	20.94	19.18	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.86	20.10	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.98	20.22	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.02	20.26	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.02	20.26	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.09	20.33	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	20.98	19.22	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.02	20.26	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.71	19.95	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.96	20.20	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.65	19.89	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	21.87	20.11	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.98	20.22	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.78	19.02	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	19.91	18.15	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	20.27	18.51	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	20.17	18.41	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	19.72	17.96	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	19.86	18.10	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	19.78	18.02	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	19.19	17.43	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	20.18	18.42	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	19.99	18.23	33.00	PASS



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Band2	1.4MHz	64QAM	18900	1RB#5	20.11	18.35	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	19.84	18.08	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	19.81	18.05	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	20.08	18.32	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	18.79	17.03	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	19.99	18.23	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	19.74	17.98	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	20.05	18.29	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	19.80	18.04	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	19.84	18.08	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	19.95	18.19	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	18.91	17.15	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.02	19.26	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	20.75	18.99	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.00	19.24	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	20.75	18.99	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.89	19.13	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.00	19.24	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.77	18.01	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.04	19.28	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.94	19.18	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.25	19.49	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	20.97	19.21	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.02	19.26	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	20.95	19.19	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	19.83	18.07	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	20.91	19.15	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	20.72	18.96	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.19	19.43	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	20.80	19.04	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.81	19.05	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.75	18.99	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.73	17.97	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.83	20.07	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.89	20.13	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.78	20.02	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	20.97	19.21	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	20.87	19.11	33.00	PASS



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Band2	3MHz	QPSK	18615	8RB#7	20.91	19.15	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	20.88	19.12	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.98	20.22	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.08	20.32	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.89	20.13	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	20.96	19.20	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	20.89	19.13	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	20.95	19.19	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	20.99	19.23	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.95	20.19	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.68	19.92	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.93	20.17	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	20.82	19.06	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	20.89	19.13	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.83	19.07	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.86	19.10	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	19.98	18.22	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	20.04	18.28	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	19.85	18.09	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	18.96	17.20	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	18.87	17.11	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	18.76	17.00	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	18.82	17.06	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	20.29	18.53	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	20.25	18.49	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	20.13	18.37	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	19.05	17.29	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	19.02	17.26	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	18.84	17.08	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	18.99	17.23	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	20.19	18.43	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	19.95	18.19	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	19.97	18.21	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	18.91	17.15	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	18.86	17.10	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	18.81	17.05	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	18.93	17.17	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.01	19.25	33.00	PASS



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Band2	3MHz	16QAM	18615	1RB#8	21.11	19.35	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	20.90	19.14	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	19.96	18.20	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	19.89	18.13	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	19.91	18.15	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	19.94	18.18	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.09	19.33	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.12	19.36	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.02	19.26	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.00	18.24	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	19.92	18.16	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	19.97	18.21	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.00	18.24	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.19	19.43	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.87	19.11	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.09	19.33	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	19.89	18.13	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	19.76	18.00	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	19.90	18.14	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	19.85	18.09	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.78	20.02	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.77	20.01	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.81	20.05	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	20.90	19.14	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.02	19.26	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.03	19.27	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.03	19.27	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.85	20.09	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.65	19.89	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.02	20.26	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.10	19.34	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	20.92	19.16	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	20.98	19.22	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.02	19.26	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.94	20.18	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.67	19.91	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.84	20.08	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.83	19.07	33.00	PASS



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Band2	5MHz	QPSK	19175	12RB#6	20.88	19.12	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	20.83	19.07	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	20.78	19.02	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	19.86	18.10	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	19.62	17.86	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	19.94	18.18	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	18.93	17.17	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	19.04	17.28	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	19.02	17.26	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	18.79	17.03	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	20.04	18.28	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	20.04	18.28	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	19.99	18.23	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	18.92	17.16	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	18.93	17.17	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	19.08	17.32	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	19.01	17.25	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	20.07	18.31	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	19.90	18.14	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.07	18.31	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	18.92	17.16	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	18.96	17.20	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	18.81	17.05	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	18.88	17.12	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.88	19.12	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.97	19.21	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.91	19.15	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	19.95	18.19	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.05	18.29	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.03	18.27	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	19.80	18.04	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.89	19.13	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.81	19.05	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.13	19.37	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	19.85	18.09	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	19.85	18.09	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	19.98	18.22	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	19.96	18.20	33.00	PASS



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Band2	5MHz	16QAM	19175	1RB#0	21.03	19.27	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.77	19.01	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.91	19.15	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	19.87	18.11	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	19.85	18.09	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	19.88	18.12	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.77	18.01	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.86	20.10	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.89	20.13	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.92	20.16	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.04	19.28	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	20.97	19.21	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.94	19.18	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.10	19.34	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.89	20.13	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.90	20.14	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.00	20.24	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.14	19.38	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.17	19.41	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	20.94	19.18	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.00	19.24	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.97	20.21	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	21.56	19.80	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.95	20.19	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	20.76	19.00	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	20.97	19.21	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.00	19.24	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.81	19.05	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	19.88	18.12	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	19.82	18.06	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	19.97	18.21	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	18.85	17.09	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	18.96	17.20	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	18.93	17.17	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	19.05	17.29	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	20.06	18.30	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	19.99	18.23	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	20.17	18.41	33.00	PASS



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Band2	10MHz	64QAM	18900	25RB#0	18.89	17.13	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	18.98	17.22	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	19.04	17.28	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	19.01	17.25	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	20.11	18.35	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	19.72	17.96	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	19.91	18.15	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	18.76	17.00	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	18.90	17.14	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	18.87	17.11	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	18.88	17.12	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	20.86	19.10	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.71	18.95	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.00	19.24	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	19.84	18.08	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.94	18.18	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	19.93	18.17	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.03	18.27	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.93	19.17	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.91	19.15	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.10	19.34	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.08	18.32	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	19.89	18.13	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	19.95	18.19	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	19.97	18.21	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.00	19.24	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.69	18.93	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.82	19.06	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	19.74	17.98	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	19.91	18.15	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	19.72	17.96	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.74	17.98	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.80	20.04	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.02	20.26	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.95	20.19	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	21.04	19.28	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	20.90	19.14	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	20.98	19.22	33.00	PASS



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Band2	15MHz	QPSK	18675	75RB#0	21.09	19.33	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.02	20.26	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.08	20.32	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.88	20.12	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	20.98	19.22	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	21.06	19.30	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	21.02	19.26	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.02	19.26	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.85	20.09	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.00	20.24	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.77	20.01	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	20.79	19.03	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	20.94	19.18	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.00	19.24	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	20.81	19.05	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	19.94	18.18	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	20.17	18.41	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	20.09	18.33	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#0	19.04	17.28	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#18	18.88	17.12	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#39	18.95	17.19	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	19.04	17.28	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	20.20	18.44	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.21	18.45	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.16	18.40	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#0	19.07	17.31	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#18	19.08	17.32	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#39	19.13	17.37	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	19.03	17.27	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	20.16	18.40	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	20.09	18.33	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.04	18.28	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#0	18.81	17.05	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#18	18.92	17.16	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#39	18.87	17.11	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	18.94	17.18	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	20.79	19.03	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.10	19.34	33.00	PASS



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Band2	15MHz	16QAM	18675	1RB#74	21.04	19.28	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	20.08	18.32	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	19.89	18.13	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	19.95	18.19	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.04	18.28	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.03	19.27	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.03	19.27	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.98	19.22	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	20.01	18.25	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	20.03	18.27	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.03	18.27	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.00	18.24	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.95	19.19	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.01	19.25	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.85	19.09	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	19.79	18.03	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	19.91	18.15	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	19.74	17.98	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.79	18.03	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.96	20.20	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.95	20.19	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.00	20.24	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.15	19.39	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.03	19.27	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.04	19.28	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.09	19.33	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.05	20.29	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.85	20.09	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.14	20.38	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.12	19.36	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.11	19.35	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.03	19.27	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.03	19.27	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.88	20.12	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.68	19.92	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.10	20.34	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.09	19.33	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	20.87	19.11	33.00	PASS



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Band2	20MHz	QPSK	19100	50RB#50	21.00	19.24	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.01	19.25	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	20.04	18.28	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	19.79	18.03	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	20.04	18.28	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	18.94	17.18	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	19.00	17.24	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	19.04	17.28	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	19.06	17.30	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	20.24	18.48	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	19.72	17.96	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	20.33	18.57	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	19.14	17.38	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	18.99	17.23	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	19.13	17.37	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	19.04	17.28	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	20.10	18.34	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	19.70	17.94	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	20.03	18.27	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	19.01	17.25	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	18.96	17.20	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	18.86	17.10	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	18.82	17.06	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.09	19.33	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.76	19.00	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.07	19.31	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	19.90	18.14	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	19.99	18.23	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.04	18.28	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.08	18.32	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.19	19.43	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.91	19.15	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.20	19.44	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.08	18.32	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	19.90	18.14	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.02	18.26	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.02	18.26	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.99	19.23	33.00	PASS



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Band2	20MHz	16QAM	19100	1RB#49	20.82	19.06	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.21	19.45	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	19.95	18.19	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.87	18.11	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.01	18.25	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.99	18.23	33.00	PASS

**Remark:**

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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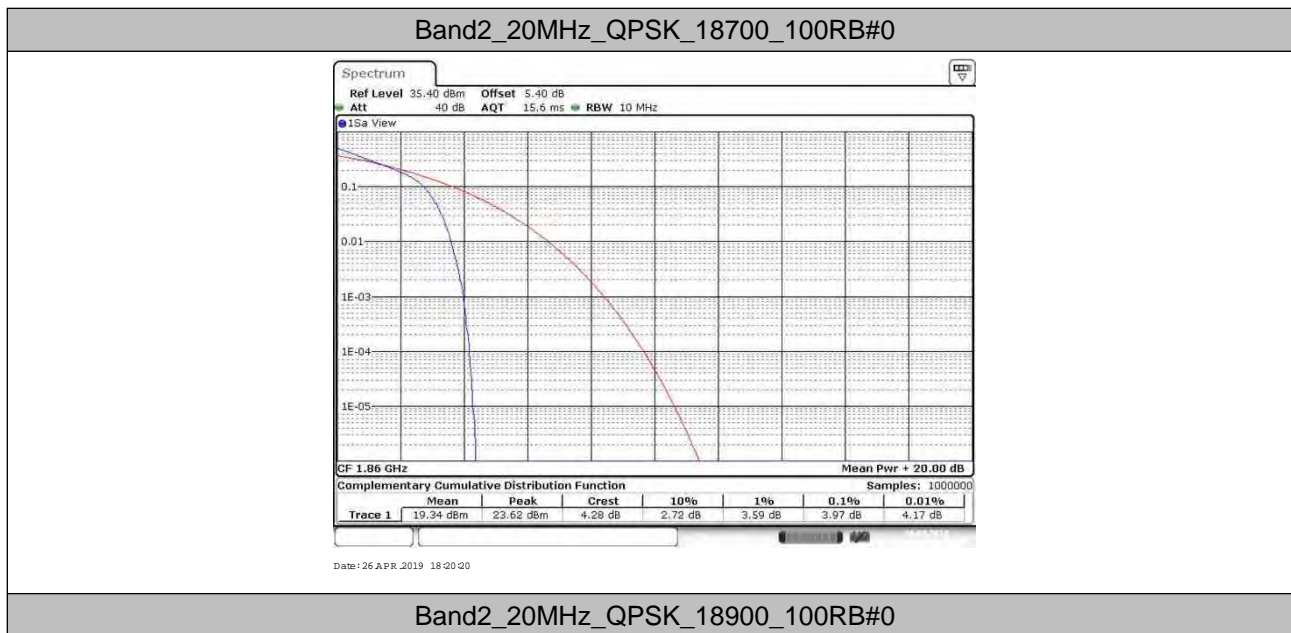
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## 2. Peak-to-Average Ratio(CCDF)

### 2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	3.97	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	3.88	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	3.77	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	5.74	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	5.54	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	5.51	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.68	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.59	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.54	13	PASS

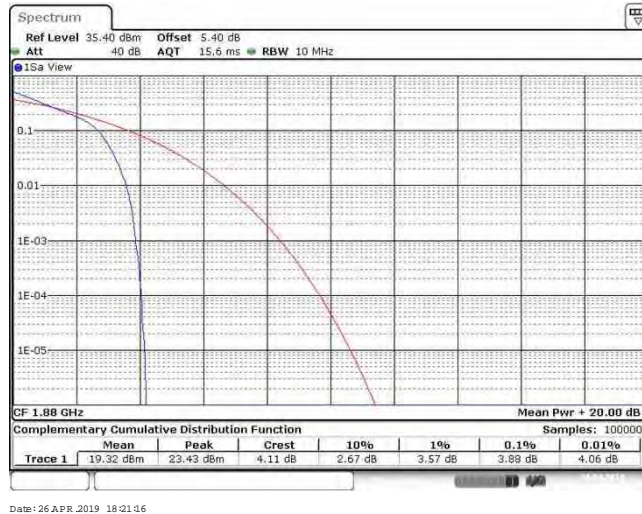
### 2.2. Test Plots



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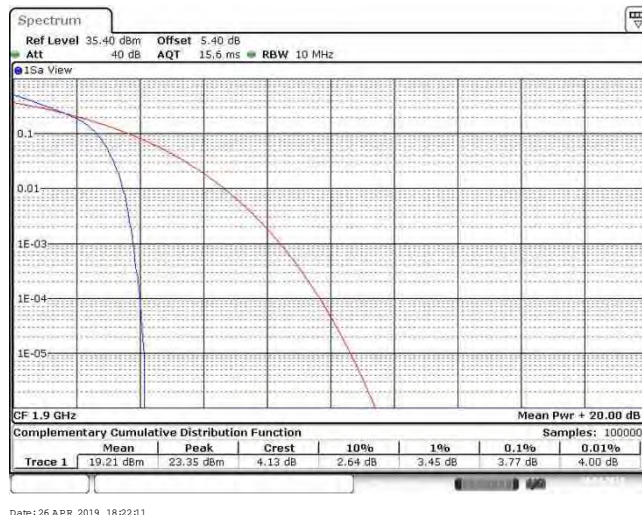
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Date: 26 APR. 2019 18:21:16

**Band2\_20MHz\_QPSK\_19100\_100RB#0**



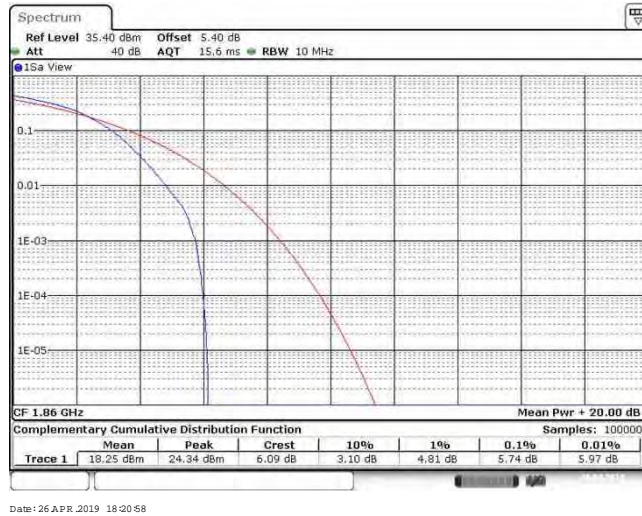
Date: 26 APR. 2019 18:22:11

**Band2\_20MHz\_64QAM\_18700\_100RB#0**



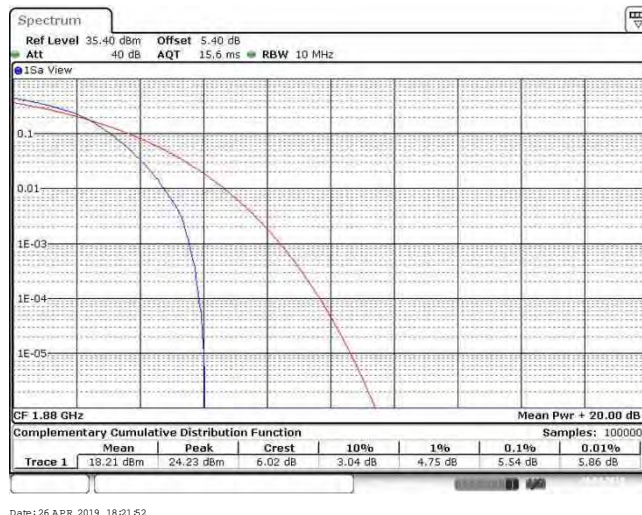
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Date: 26 APR. 2019 18:20:58

**Band2\_20MHz\_64QAM\_18900\_100RB#0**



Date: 26 APR. 2019 18:21:52

**Band2\_20MHz\_64QAM\_19100\_100RB#0**

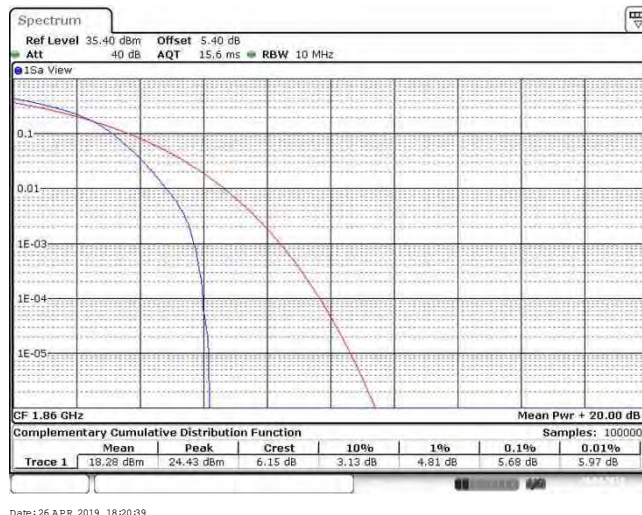


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Date: 26 APR. 2019 18:22:48

**Band2\_20MHz\_16QAM\_18700\_100RB#0**



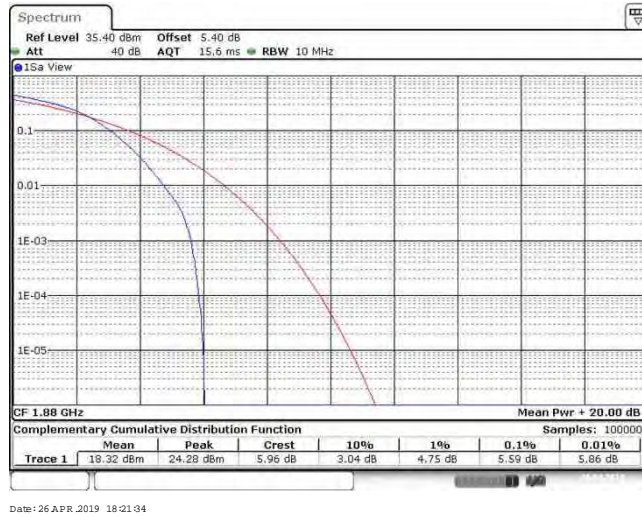
Date: 26 APR. 2019 18:20:39

**Band2\_20MHz\_16QAM\_18900\_100RB#0**



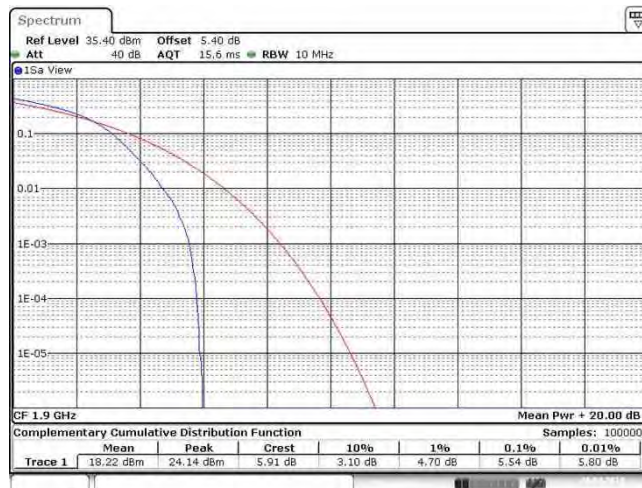
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Date: 26 APR. 2019 18:21:34

**Band2\_20MHz\_16QAM\_19100\_100RB#0**



Date: 26 APR. 2019 18:22:29



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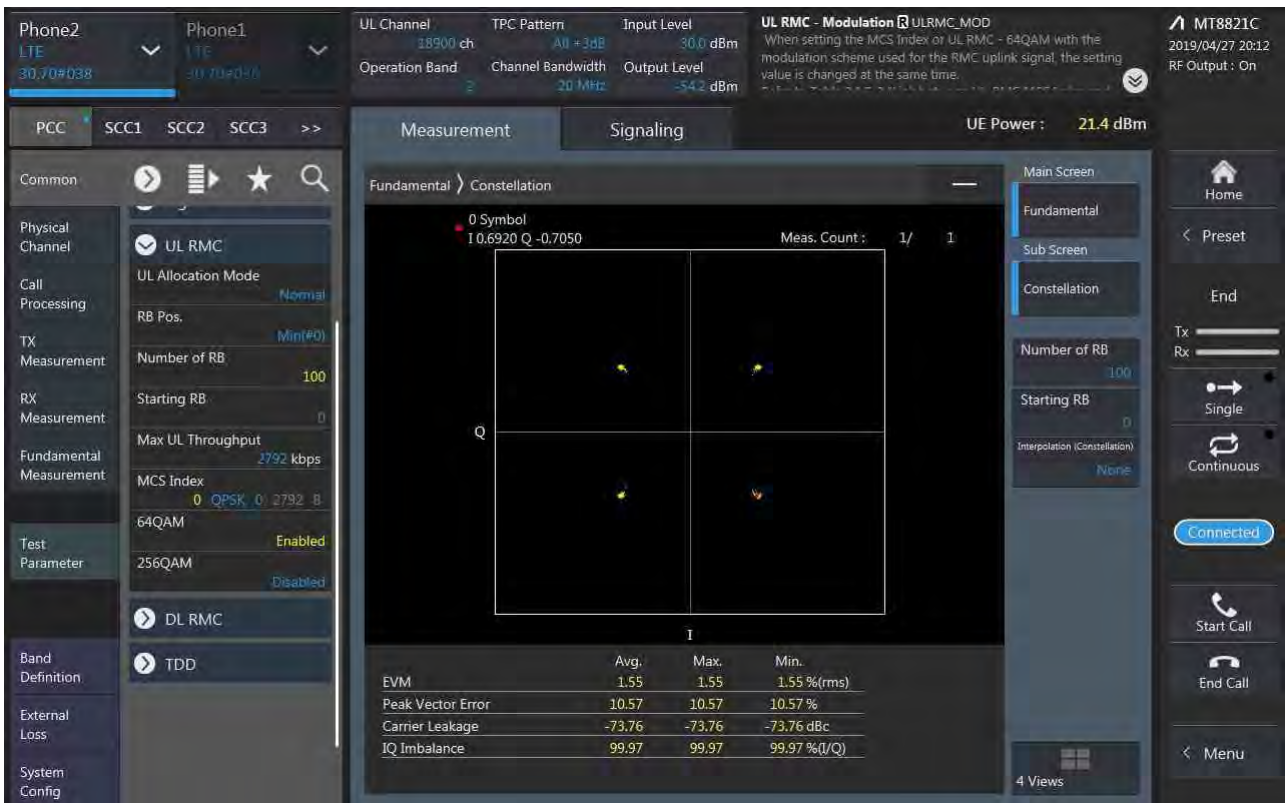


### 3. Modulation Characteristics

#### 3.1. Test BAND = LTE Band 2

#### 3.2. Test Mode = LTE /TM1 20MHz

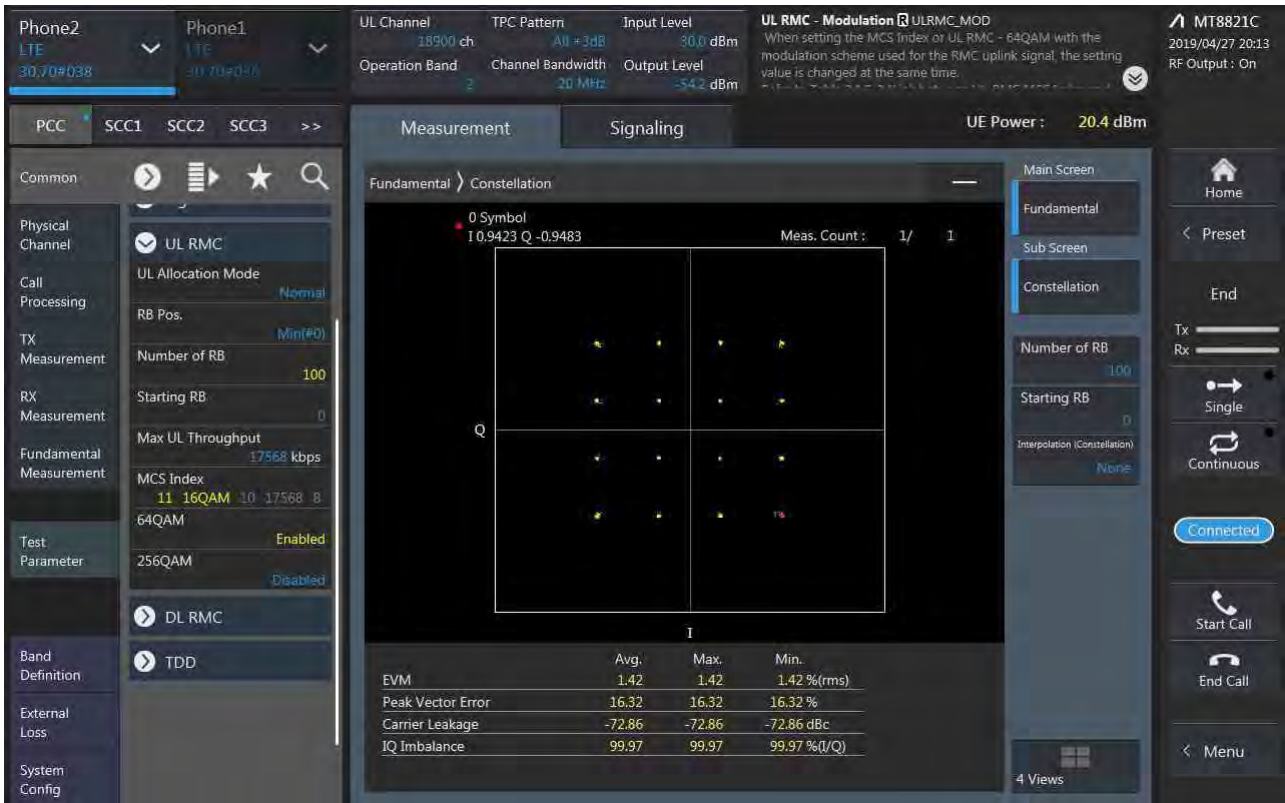
#### 3.2.1. Test Channel = MCH



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### 3.3. Test Mode = LTE /TM2 20MHz

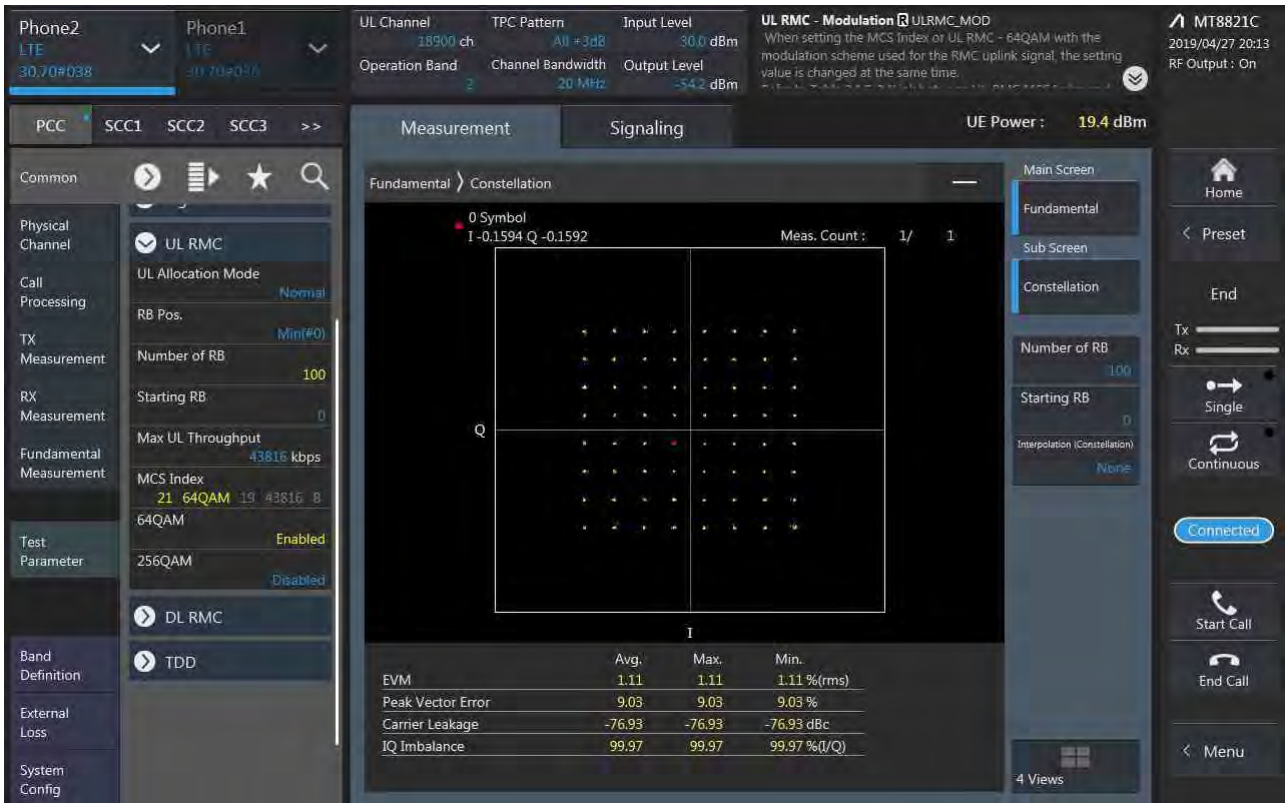
#### 3.3.1. Test Channel = MCH





### 3.4. Test Mode = LTE /TM3 20MHz

#### 3.4.1. Test Channel = MCH





## 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	1.100	1.254	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.100	1.248	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.097	1.248	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.100	1.248	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.100	1.254	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.097	1.254	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.100	1.251	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.103	1.254	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.097	1.248	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.703	2.970	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.703	2.988	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.703	2.982	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.709	2.982	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.697	2.982	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.697	2.976	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.709	2.976	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.697	2.982	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.697	2.976	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.486	4.920	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.880	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.486	4.920	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.476	4.930	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.486	4.930	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.476	4.920	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.910	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.920	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	4.900	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.951	9.780	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.951	9.840	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.951	9.820	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.780	PASS



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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	10MHz	64QAM	18900	50RB#0	8.951	9.800	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.971	9.760	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.820	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.820	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.720	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.487	15.000	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.516	15.090	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.487	15.000	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.487	15.120	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.487	15.030	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.516	15.120	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	15.030	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.487	15.090	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.516	15.150	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.942	19.720	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.942	19.760	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.942	19.840	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.942	19.680	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.942	19.720	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.902	19.760	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.942	19.720	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.982	19.760	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.942	19.760	PASS

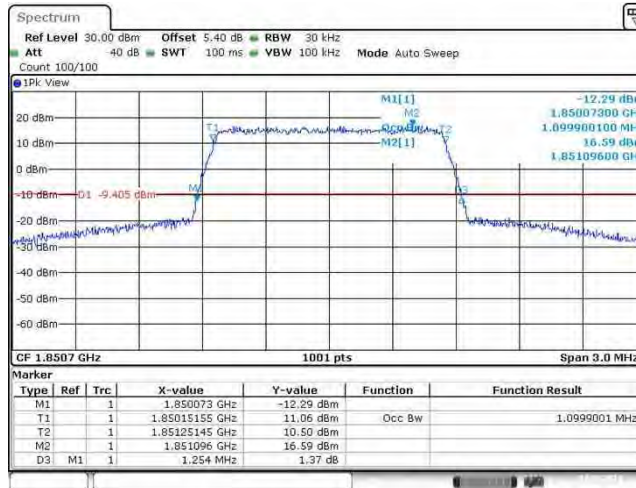


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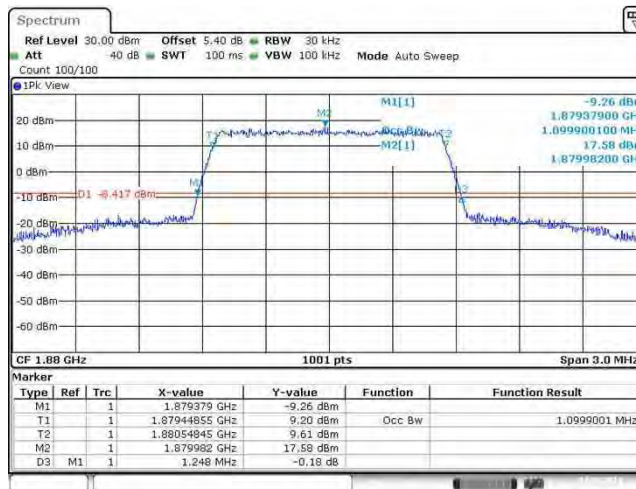
## 4.2. Test Plots

**Band2\_1.4MHz\_QPSK\_18607\_6RB#0**



Date: 17 APR 2019 23:37:51

**Band2\_1.4MHz\_QPSK\_18900\_6RB#0**



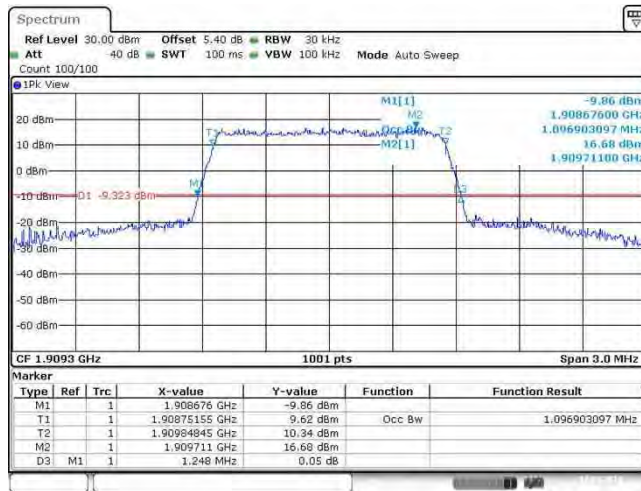
Date: 17 APR 2019 23:39:28

**Band2\_1.4MHz\_QPSK\_19193\_6RB#0**

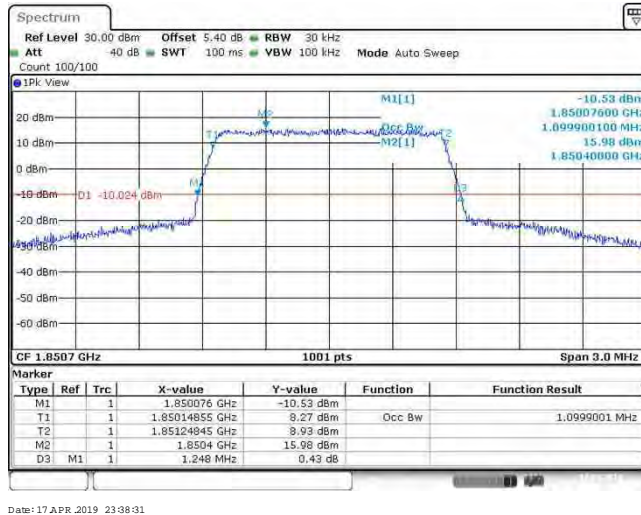


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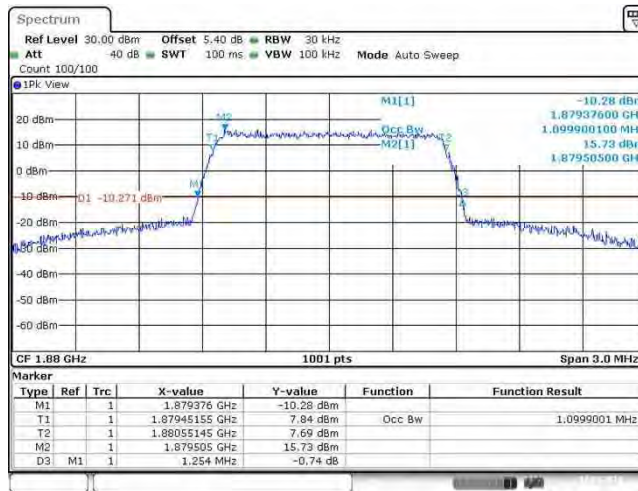
**Band2\_1.4MHz\_64QAM\_18607\_6RB#0**



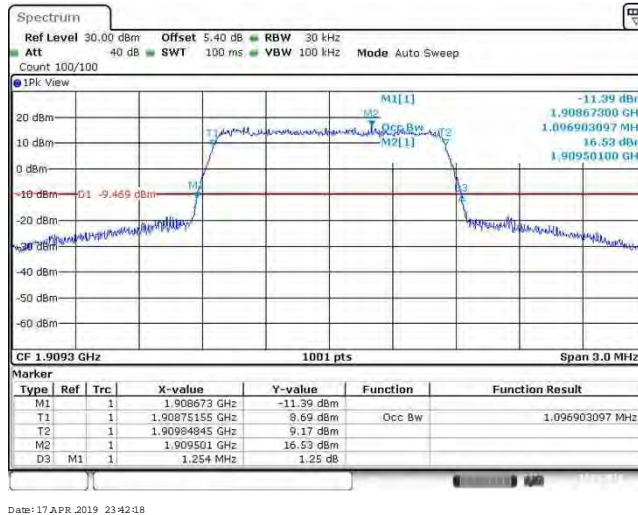
**Band2\_1.4MHz\_64QAM\_18900\_6RB#0**



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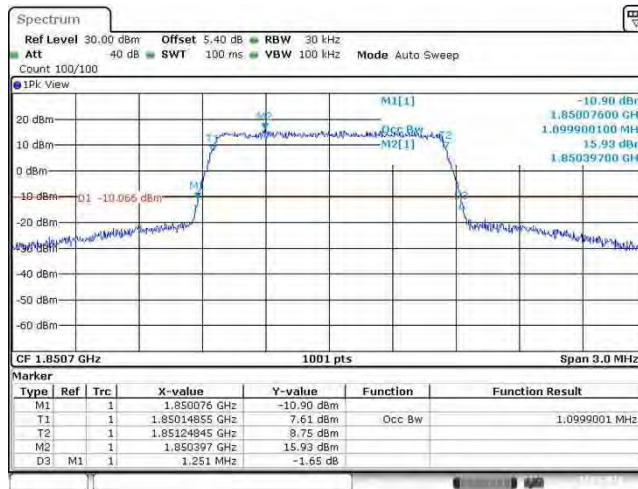
**Band2\_1.4MHz\_64QAM\_19193\_6RB#0**



**Band2\_1.4MHz\_16QAM\_18607\_6RB#0**

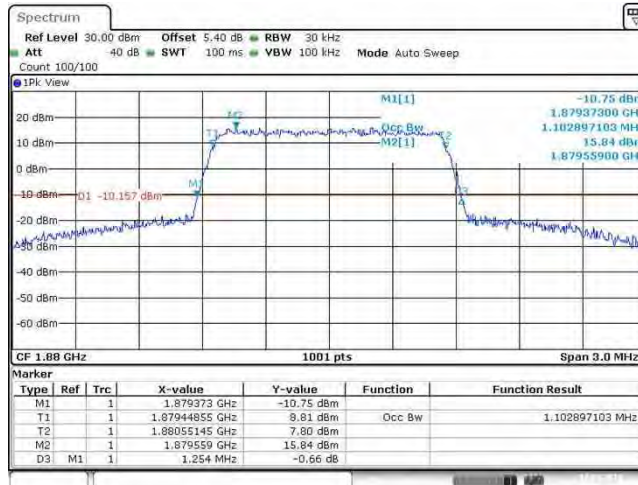


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Date: 17 APR. 2019 23:38:11

**Band2\_1.4MHz\_16QAM\_18900\_6RB#0**



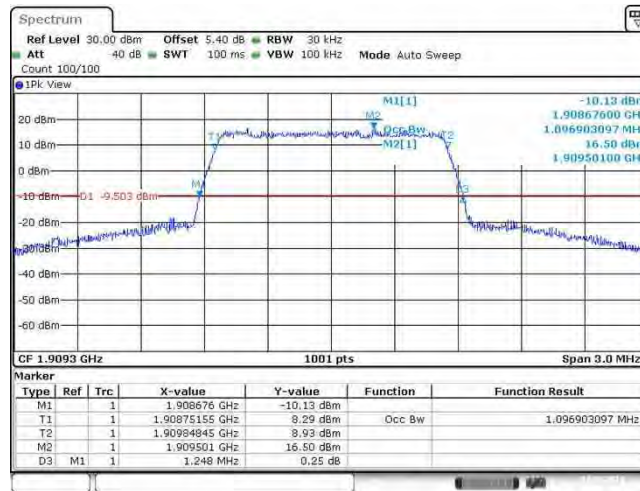
Date: 17 APR. 2019 23:39:48

**Band2\_1.4MHz\_16QAM\_19193\_6RB#0**



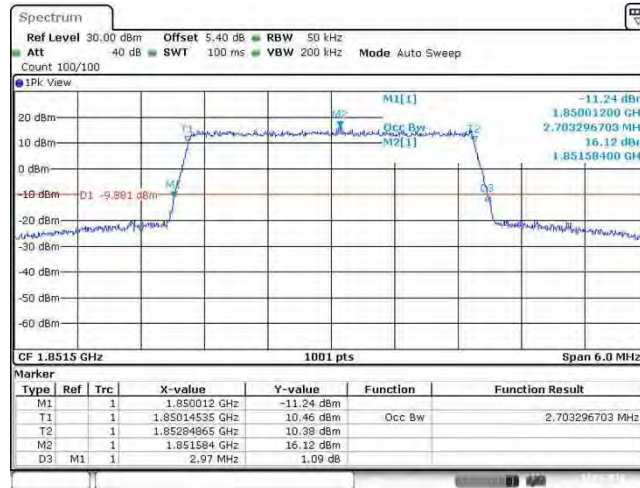
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Date: 17 APR. 2019 23:41:59

**Band2\_3MHz\_QPSK\_18615\_15RB#0**

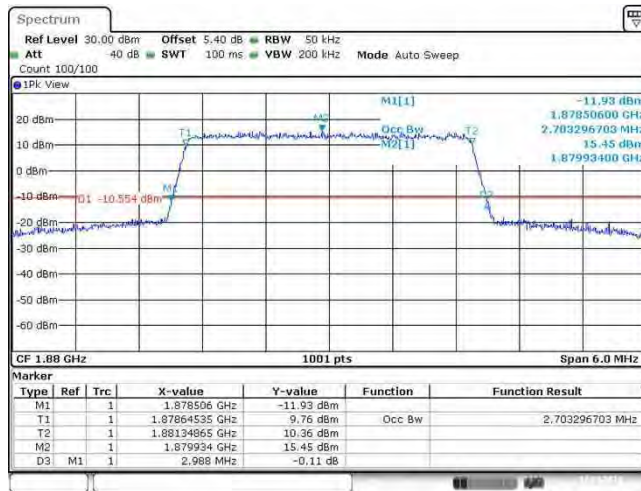


Date: 17 APR. 2019 23:44:20

**Band2\_3MHz\_QPSK\_18900\_15RB#0**

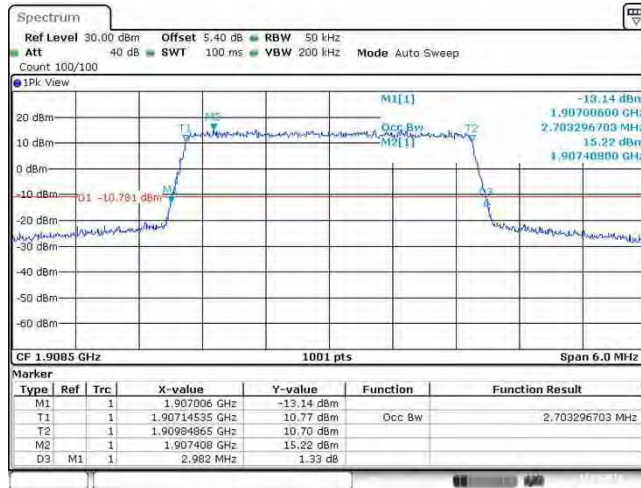


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Date: 17 APR. 2019 23:45:23

**Band2\_3MHz\_QPSK\_19185\_15RB#0**

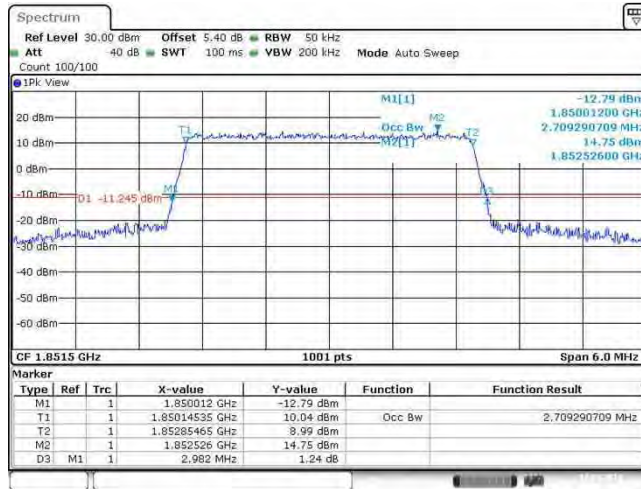


Date: 17 APR. 2019 23:46:29

**Band2\_3MHz\_64QAM\_18615\_15RB#0**

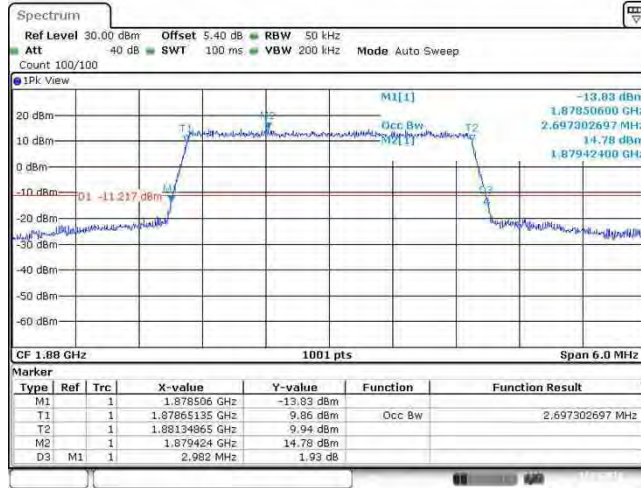


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Date: 17 APR. 2019 23:45:00

**Band2\_3MHz\_64QAM\_18900\_15RB#0**



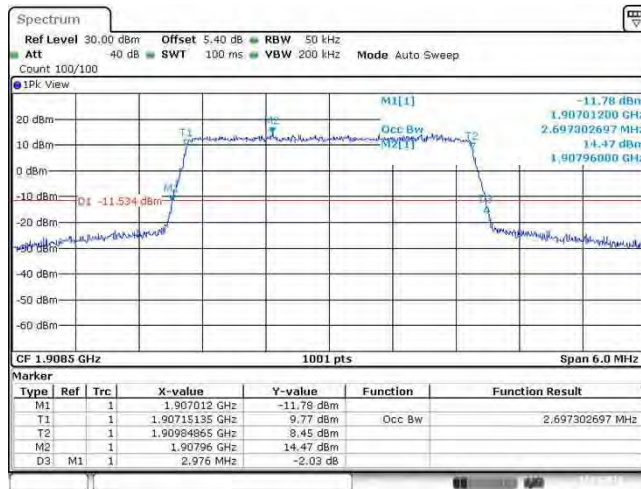
Date: 17 APR. 2019 23:46:03

**Band2\_3MHz\_64QAM\_19185\_15RB#0**



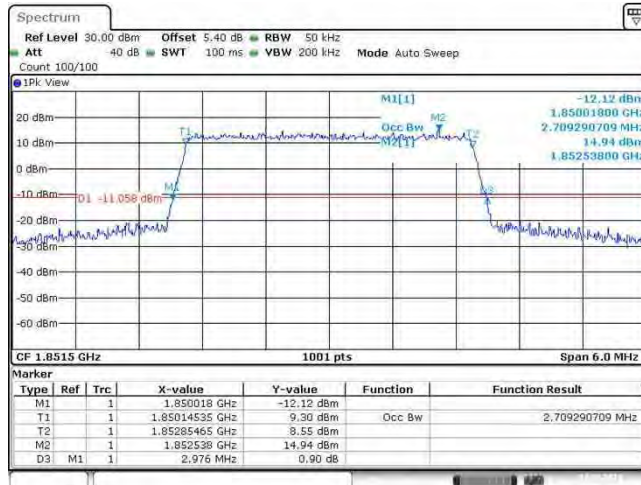
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Date: 17 APR. 2019 23:47:08

**Band2\_3MHz\_16QAM\_18615\_15RB#0**

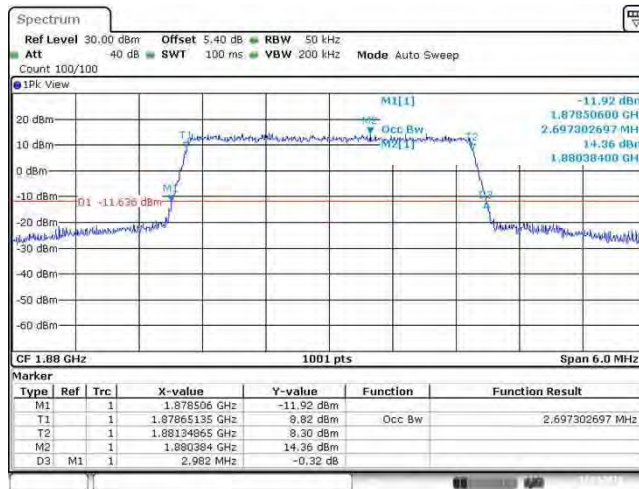


Date: 17 APR. 2019 23:44:40

**Band2\_3MHz\_16QAM\_18900\_15RB#0**

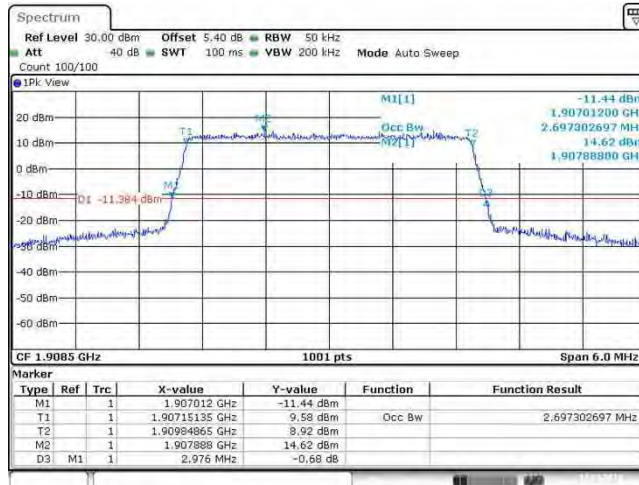


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Date: 17 APR. 2019 23:45:43

**Band2\_3MHz\_16QAM\_19185\_15RB#0**

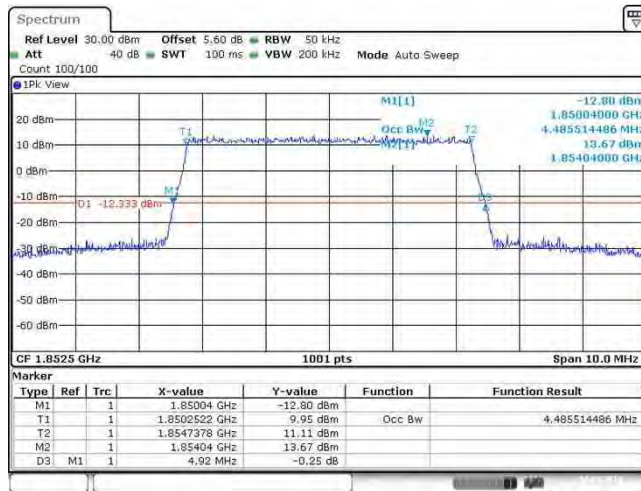


Date: 17 APR. 2019 23:46:49

**Band2\_5MHz\_QPSK\_18625\_25RB#0**

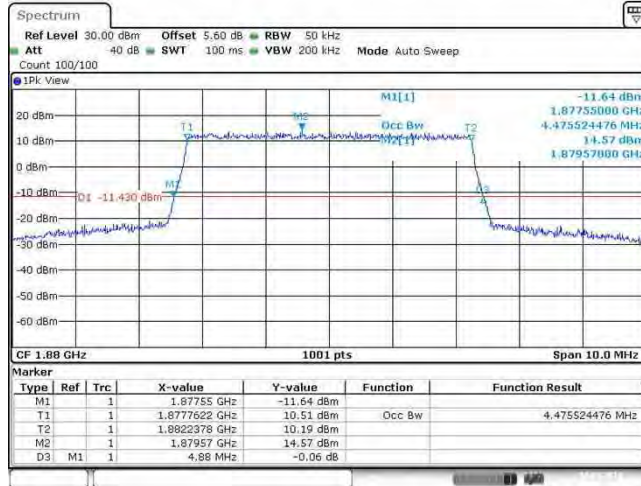


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Date: 18 APR. 2019 09:52:51

**Band2\_5MHz\_QPSK\_18900\_25RB#0**



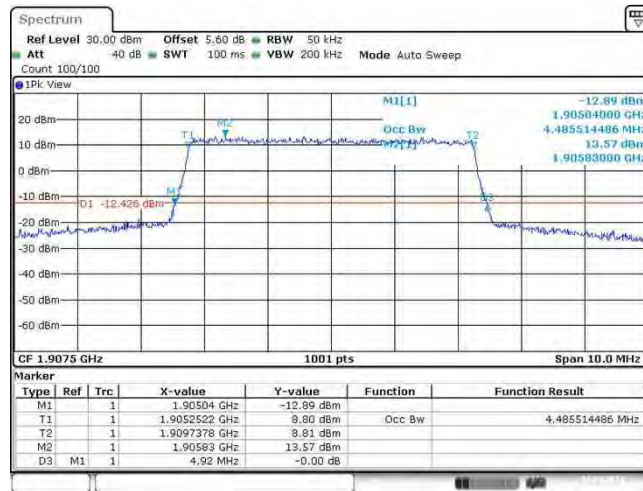
Date: 18 APR. 2019 09:53:55

**Band2\_5MHz\_QPSK\_19175\_25RB#0**



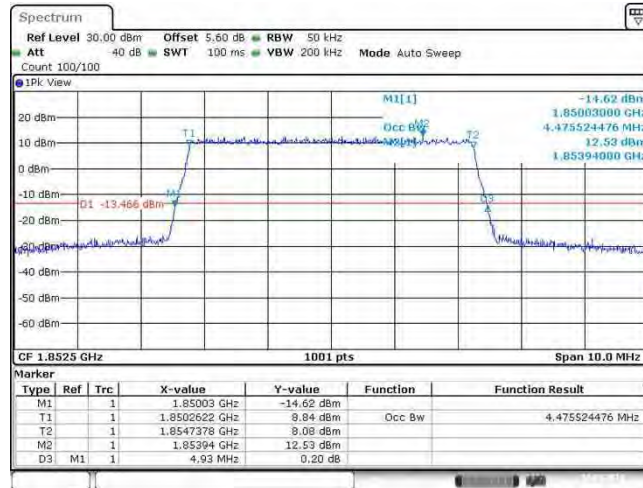
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Date: 18 APR. 2019 09:54:58

**Band2\_5MHz\_64QAM\_18625\_25RB#0**

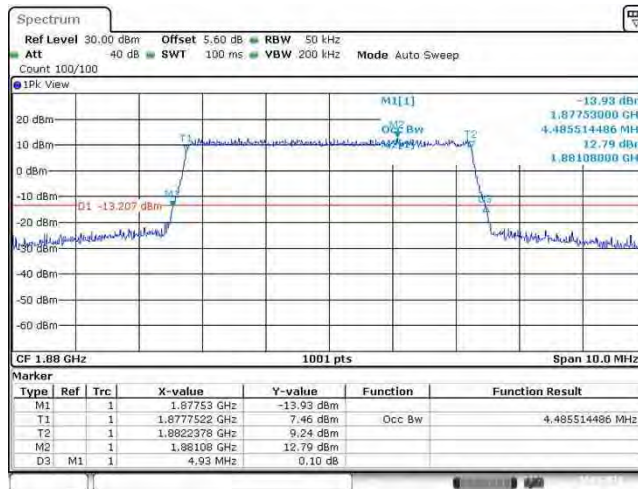


Date: 18 APR. 2019 09:53:30

**Band2\_5MHz\_64QAM\_18900\_25RB#0**

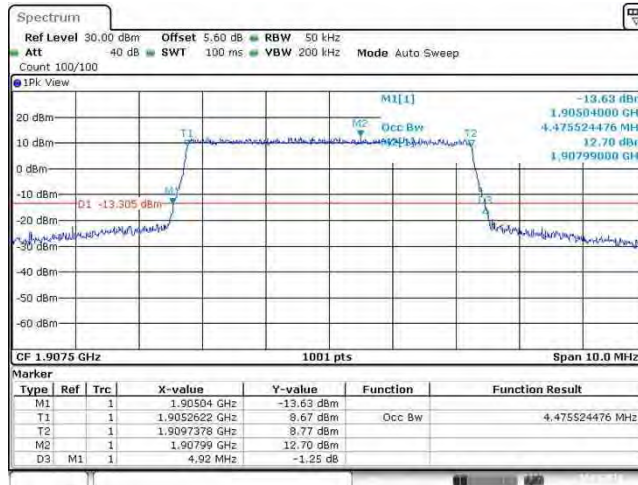


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Date: 18 APR. 2019 09:54:34

**Band2\_5MHz\_64QAM\_19175\_25RB#0**

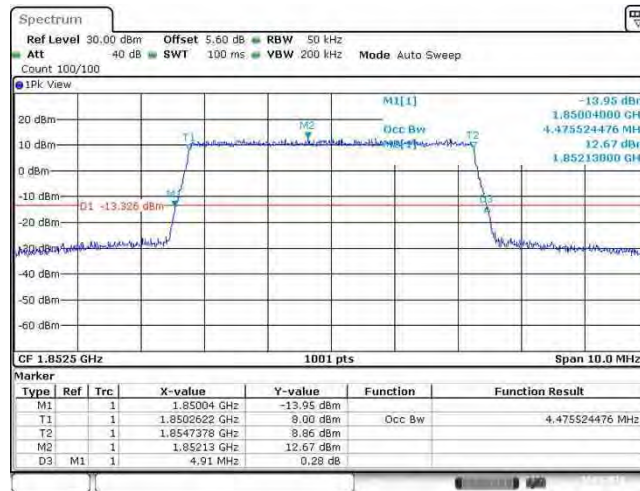


Date: 18 APR. 2019 09:55:37

**Band2\_5MHz\_16QAM\_18625\_25RB#0**

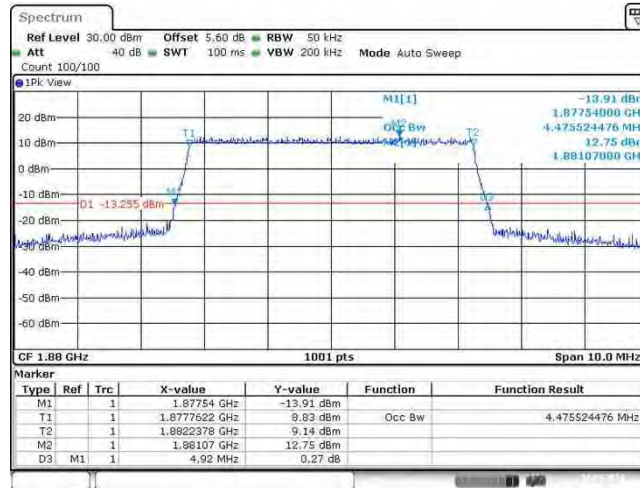


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Date: 18 APR. 2019 09:53:11

**Band2\_5MHz\_16QAM\_18900\_25RB#0**



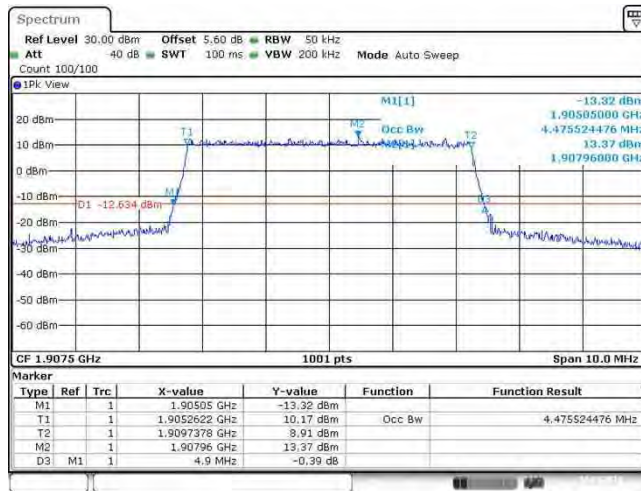
Date: 18 APR. 2019 09:54:14

**Band2\_5MHz\_16QAM\_19175\_25RB#0**



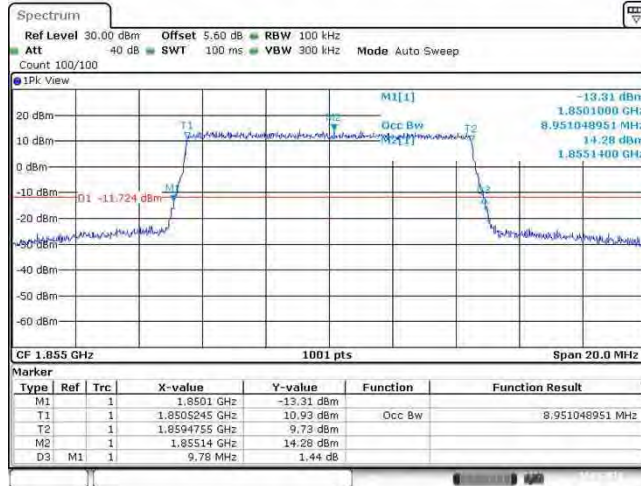
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Date: 18 APR. 2019 09:55:17

**Band2\_10MHz\_QPSK\_18650\_50RB#0**

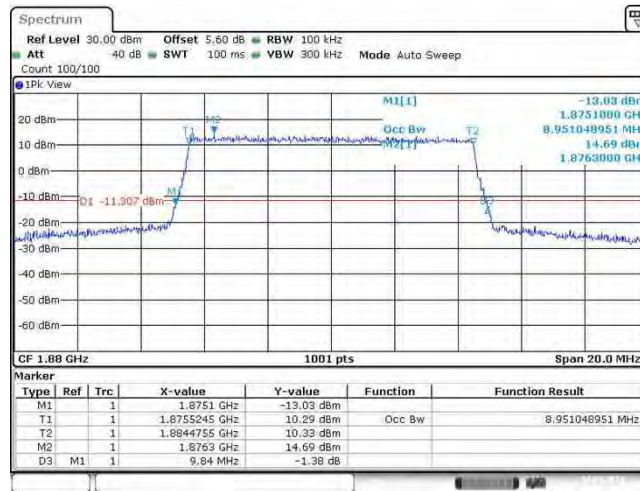


Date: 18 APR. 2019 09:57:20

**Band2\_10MHz\_QPSK\_18900\_50RB#0**

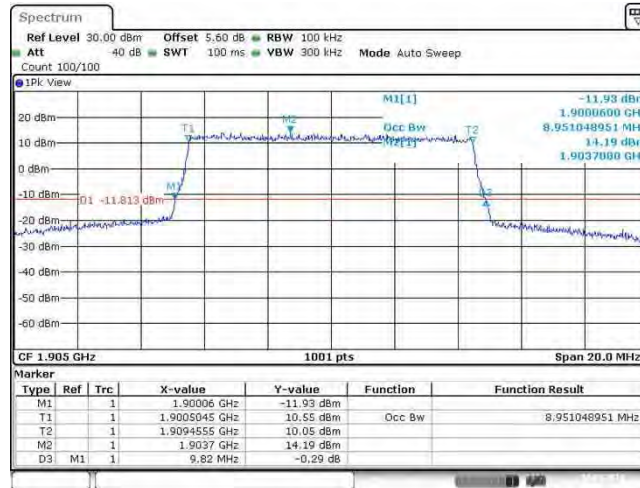


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Date: 18 APR. 2019 09:58:23

**Band2\_10MHz\_QPSK\_19150\_50RB#0**

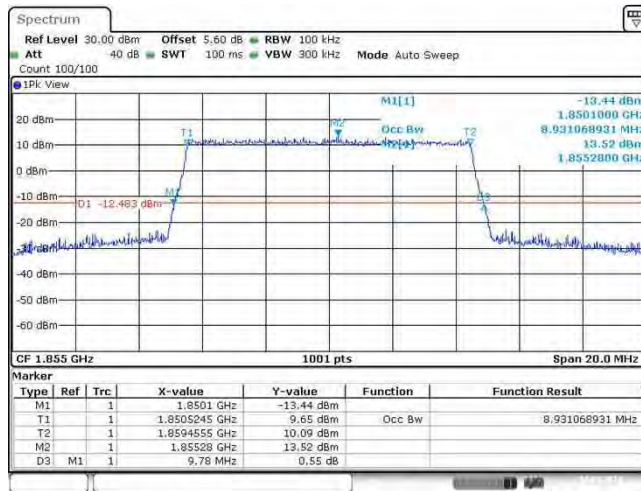


Date: 18 APR. 2019 09:59:29

**Band2\_10MHz\_64QAM\_18650\_50RB#0**

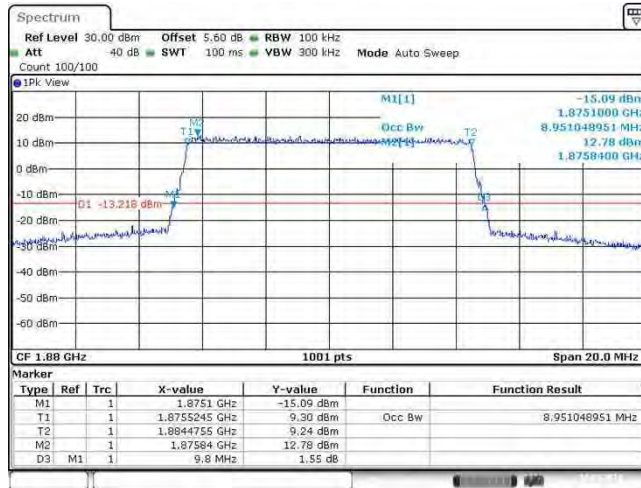


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Date: 18 APR 2019 09:57:59

**Band2\_10MHz\_64QAM\_18900\_50RB#**



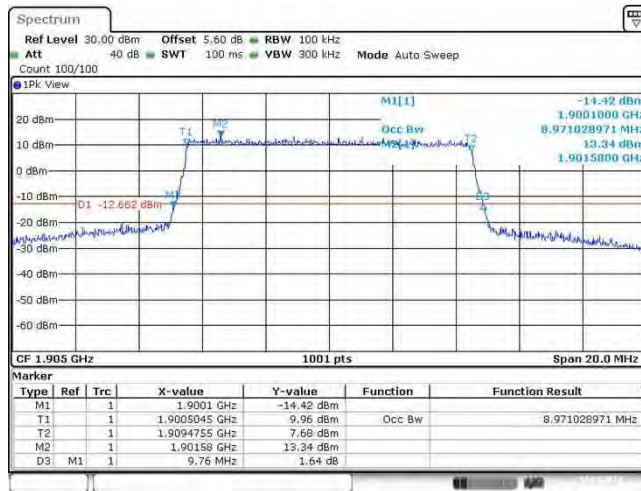
Date: 18 APR 2019 09:59:03

**Band2\_10MHz\_64QAM\_19150\_50RB#**



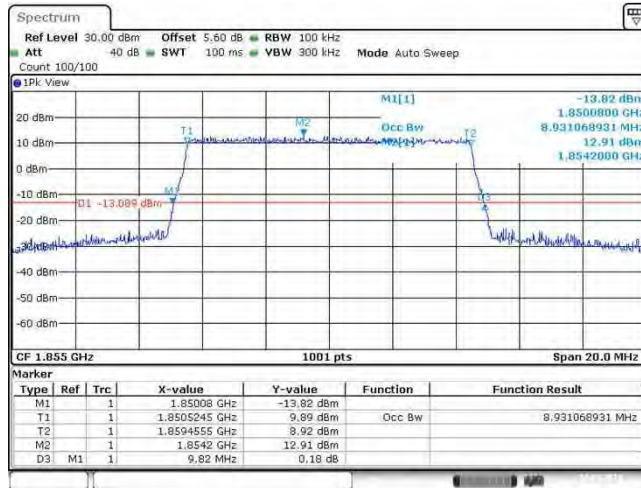
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Date: 18 APR. 2019 10:00:08

**Band2\_10MHz\_16QAM\_18650\_50RB#0**

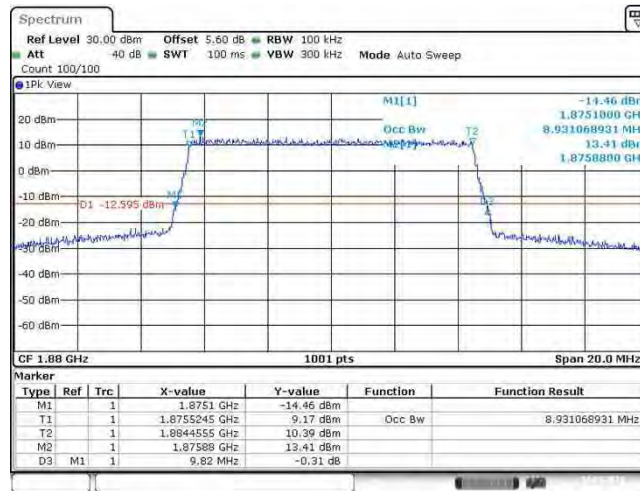


Date: 18 APR. 2019 09:57:40

**Band2\_10MHz\_16QAM\_18900\_50RB#0**

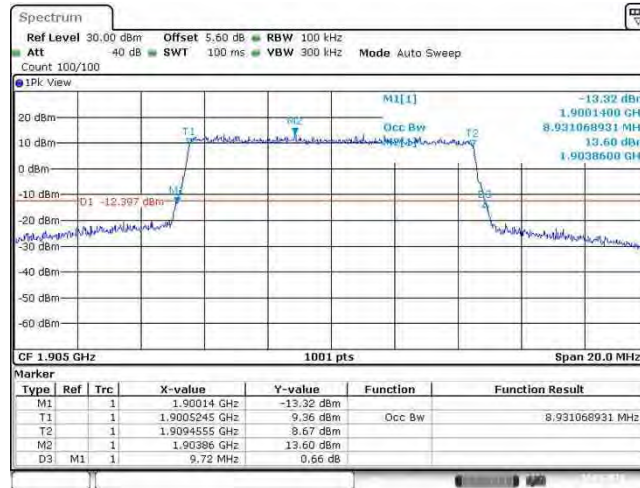


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Date: 18 APR. 2019 09:58:43

**Band2\_10MHz\_16QAM\_19150\_50RB#0**

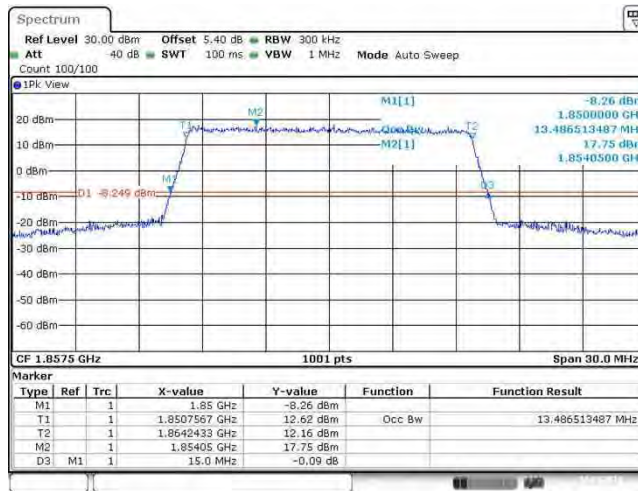


Date: 18 APR. 2019 09:59:49

**Band2\_15MHz\_QPSK\_18675\_75RB#0**

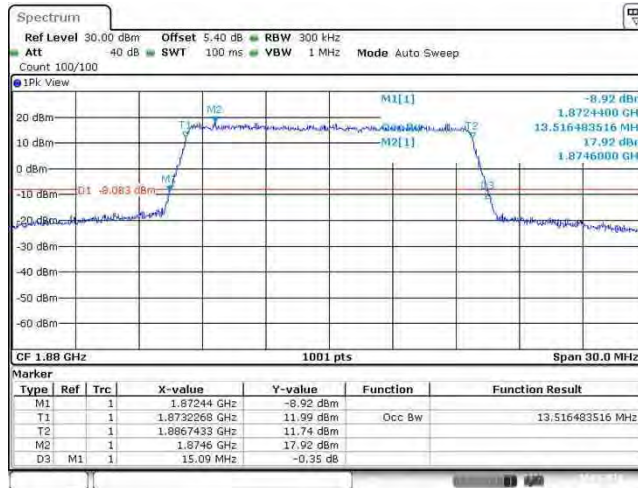


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Date: 18 APR. 2019 22:24:03

**Band2\_15MHz\_QPSK\_18900\_75RB#0**



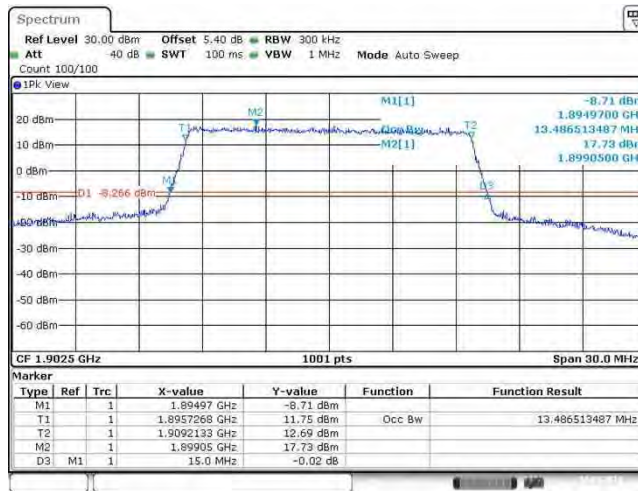
Date: 18 APR. 2019 22:25:02

**Band2\_15MHz\_QPSK\_19125\_75RB#0**



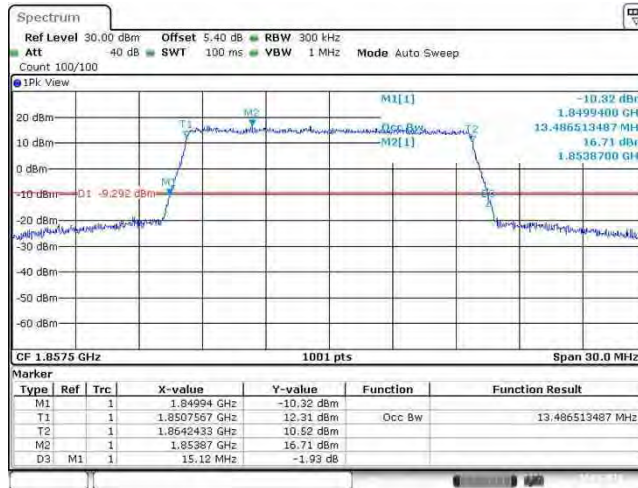
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Date: 18 APR. 2019 22:26:01

**Band2\_15MHz\_64QAM\_18675\_75RB#0**

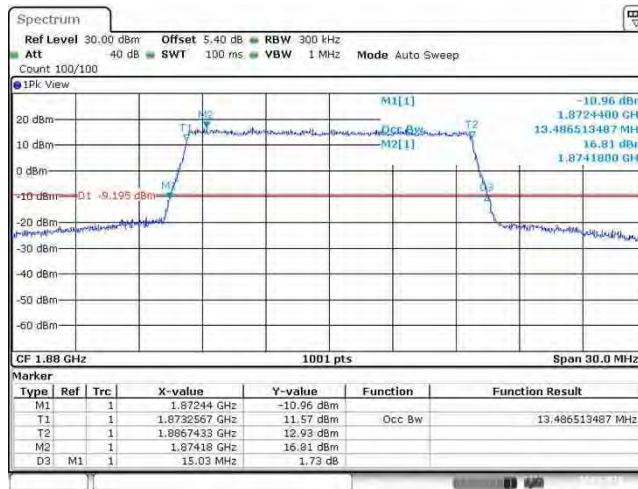


Date: 18 APR. 2019 22:24:42

**Band2\_15MHz\_64QAM\_18900\_75RB#0**

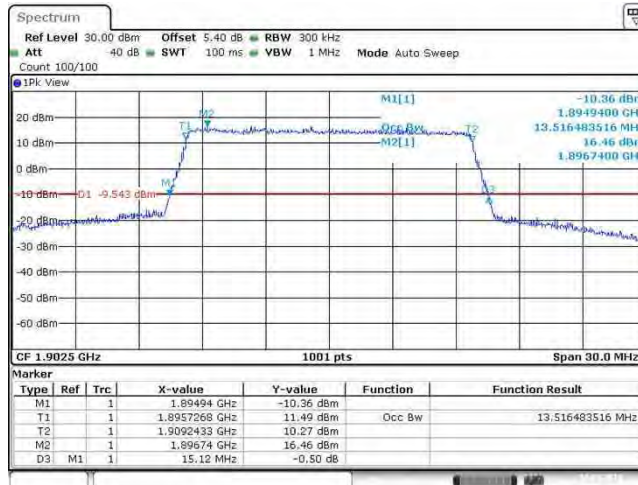


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Date: 18 APR 2019 22:25:41

**Band2\_15MHz\_64QAM\_19125\_75RB#0**

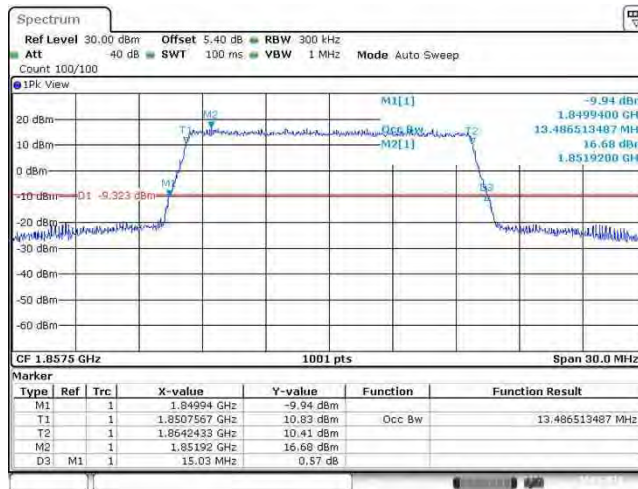


Date: 18 APR 2019 22:26:40

**Band2\_15MHz\_16QAM\_18675\_75RB#0**

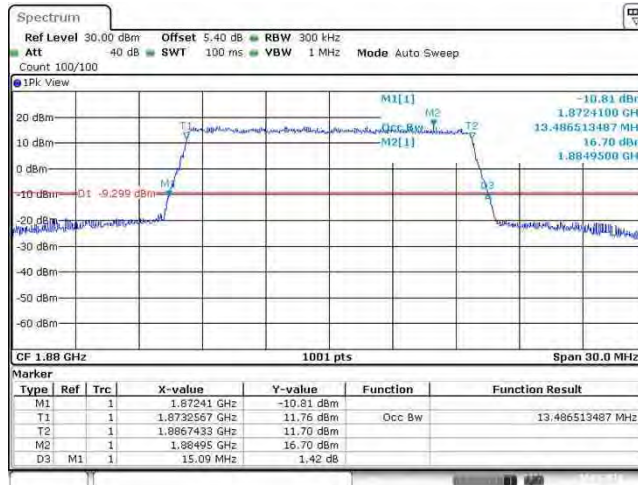


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Date: 18 APR. 2019 22:24:23

**Band2\_15MHz\_16QAM\_18900\_75RB#**



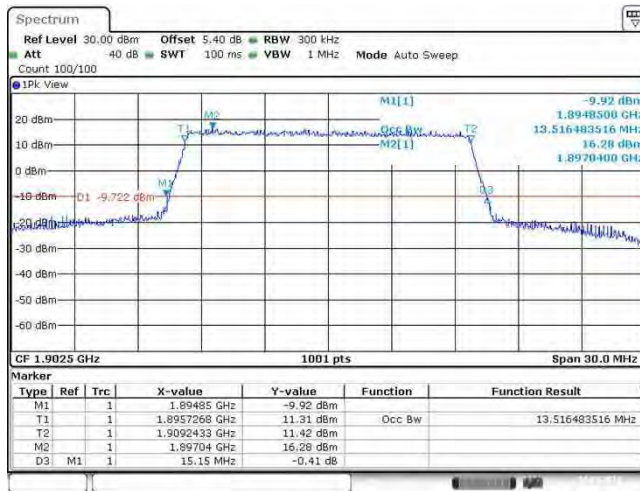
Date: 18 APR. 2019 22:25:22

**Band2\_15MHz\_16QAM\_19125\_75RB#**

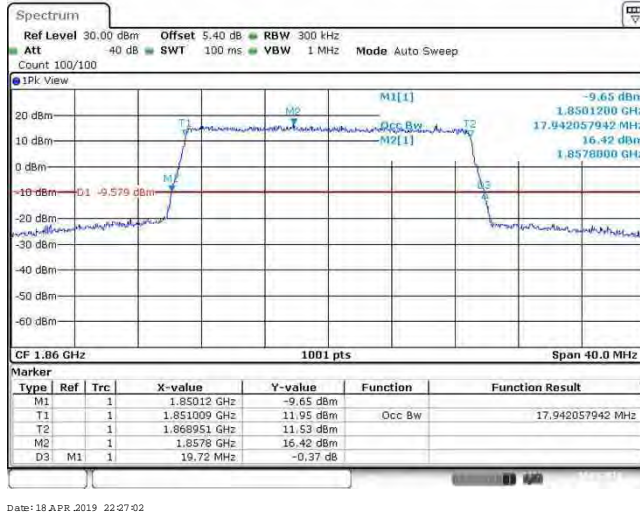


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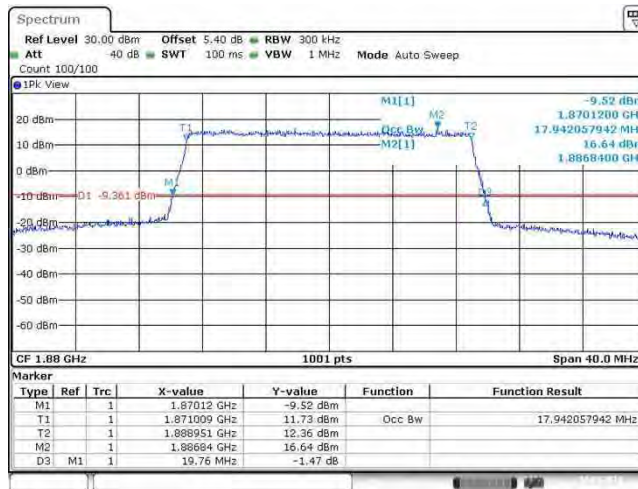
**Band2\_20MHz\_QPSK\_18700\_100RB#0**



**Band2\_20MHz\_QPSK\_18900\_100RB#0**

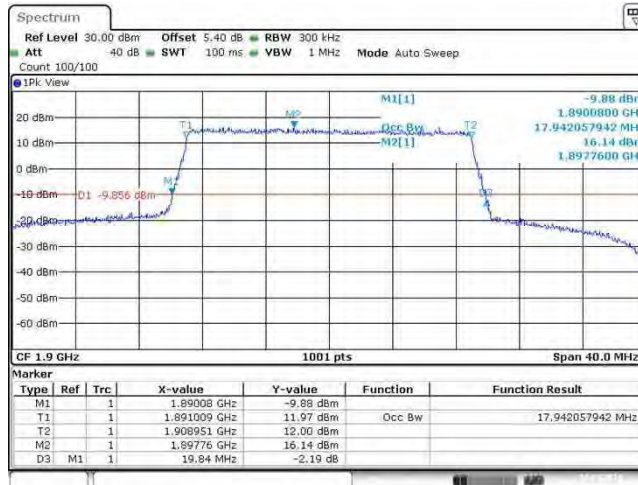


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Date: 18 APR. 2019 22:28:01

**Band2\_20MHz\_QPSK\_19100\_100RB#0**

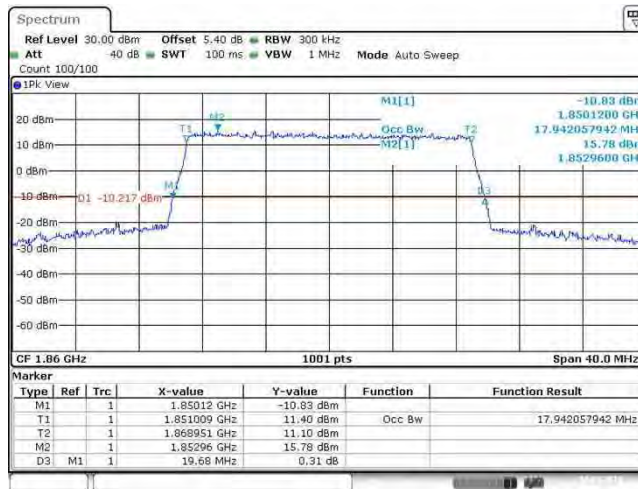


Date: 18 APR. 2019 22:29:00

**Band2\_20MHz\_64QAM\_18700\_100RB#0**

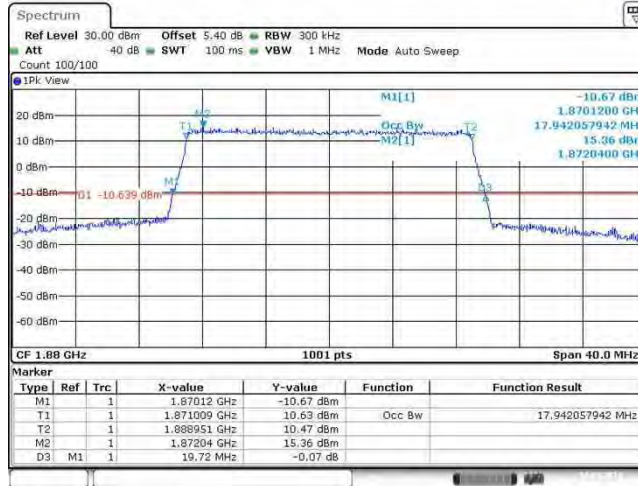


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Date: 18 APR. 2019 22:27:41

**Band2\_20MHz\_64QAM\_18900\_100RB#0**



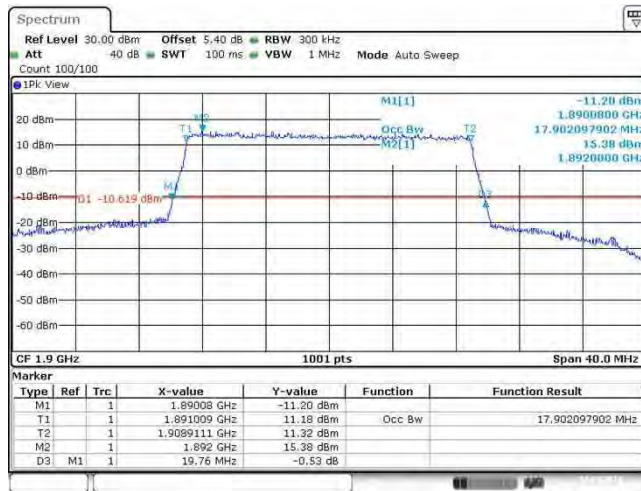
Date: 18 APR. 2019 22:28:40

**Band2\_20MHz\_64QAM\_19100\_100RB#0**



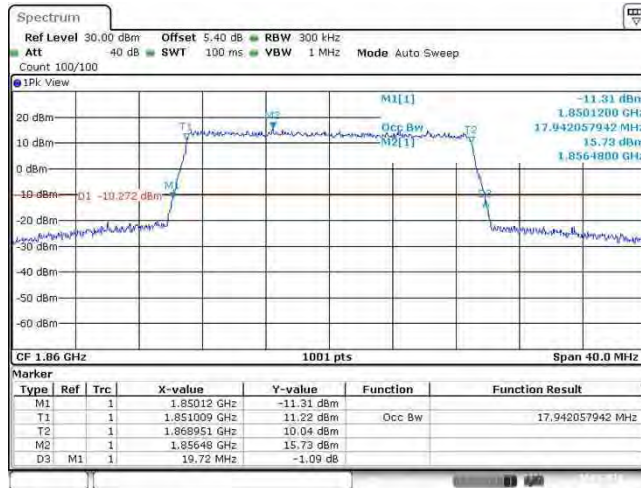
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Date: 18 APR. 2019 22:29:39

**Band2\_20MHz\_16QAM\_18700\_100RB#0**

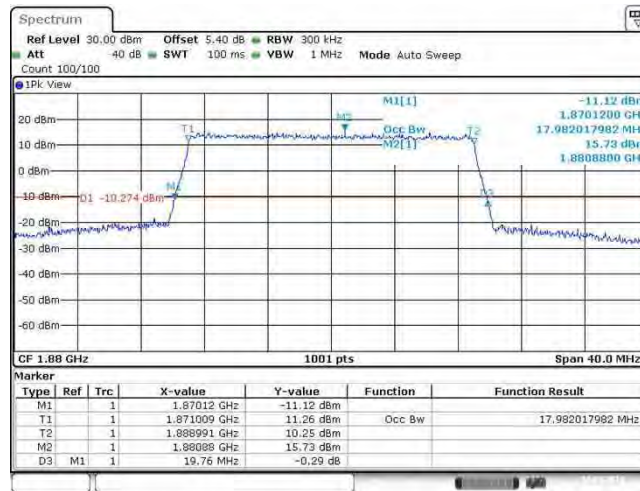


Date: 18 APR. 2019 22:27:21

**Band2\_20MHz\_16QAM\_18900\_100RB#0**

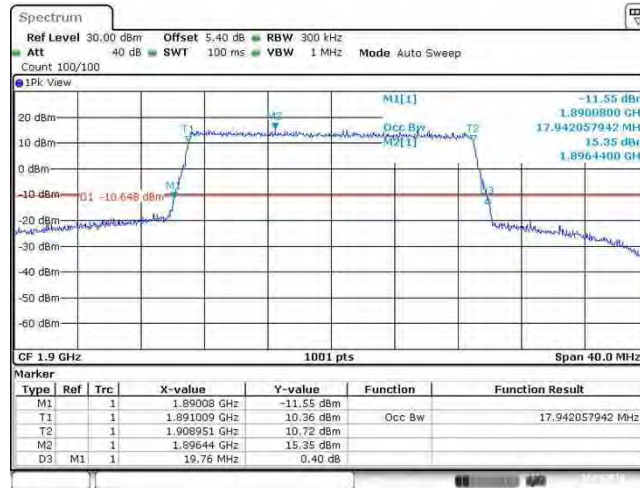


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Date: 18 APR. 2019 22:28:20

**Band2\_20MHz\_16QAM\_19100\_100RB#0**



Date: 18 APR. 2019 22:29:19



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## 5. Band Edge Compliance

### 5.1. Test Plots

Band2\_1.4MHz\_QPSK\_18607\_1RB#0



Date: 18 APR. 2019 22:30:00

Band2\_1.4MHz\_QPSK\_18607\_6RB#0



Date: 18 APR. 2019 22:30:58

Band2\_1.4MHz\_QPSK\_19193\_1RB#5



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Date: 18 APR. 2019 22:31:57

**Band2\_1.4MHz\_QPSK\_19193\_6RB#0**

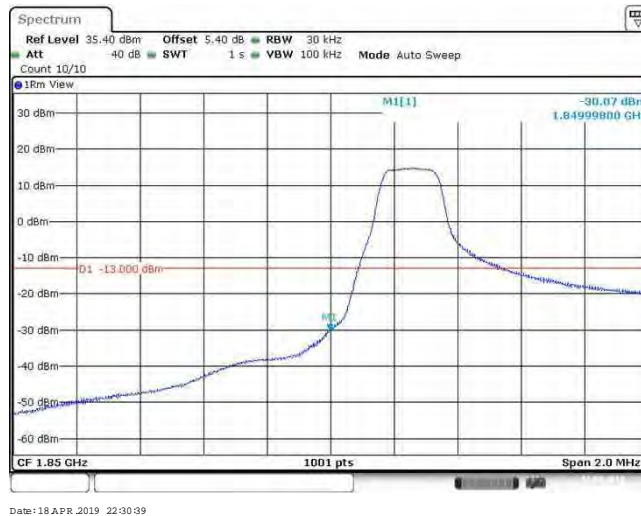


Date: 18 APR. 2019 22:32:54

**Band2\_1.4MHz\_64QAM\_18607\_1RB#0**



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Date: 18 APR. 2019 22:30:39

**Band2\_1.4MHz\_64QAM\_18607\_6RB#0**



Date: 18 APR. 2019 22:31:36

**Band2\_1.4MHz\_64QAM\_19193\_1RB#5**



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Date: 18 APR. 2019 22:32:35

**Band2\_1.4MHz\_64QAM\_19193\_6RB#0**



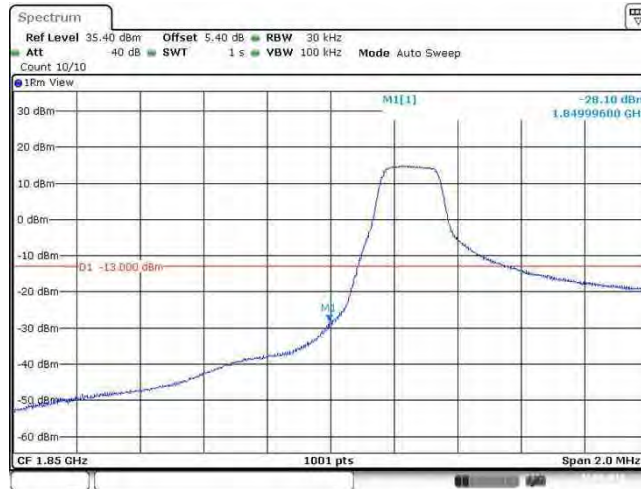
Date: 18 APR. 2019 22:33:32

**Band2\_1.4MHz\_16QAM\_18607\_1RB#0**



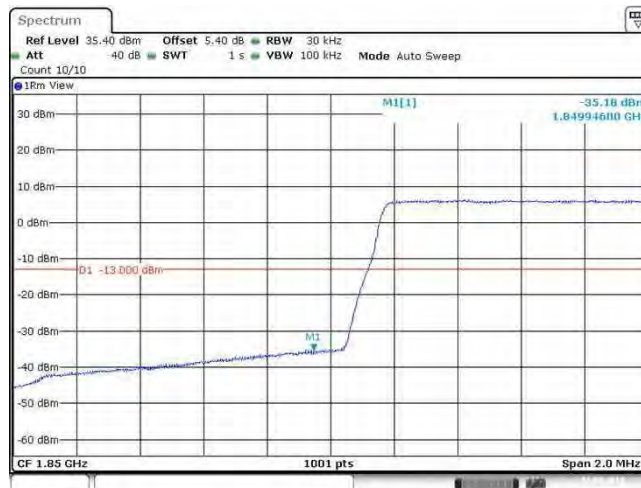
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Date: 18 APR. 2019 22:30:19

**Band2\_1.4MHz\_16QAM\_18607\_6RB#0**



Date: 18 APR. 2019 22:31:17

**Band2\_1.4MHz\_16QAM\_19193\_1RB#5**



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Date: 18 APR. 2019 22:32:16

**Band2\_1.4MHz\_16QAM\_19193\_6RB#0**



Date: 18 APR. 2019 22:33:13

**Band2\_3MHz\_QPSK\_18615\_1RB#0**



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Date: 18 APR. 2019 22:33:53

**Band2\_3MHz\_QPSK\_18615\_15RB#0**



Date: 18 APR. 2019 22:34:51

**Band2\_3MHz\_QPSK\_19185\_1RB#14**



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Date: 18 APR. 2019 22:35:50

**Band2\_3MHz\_QPSK\_19185\_15RB#0**

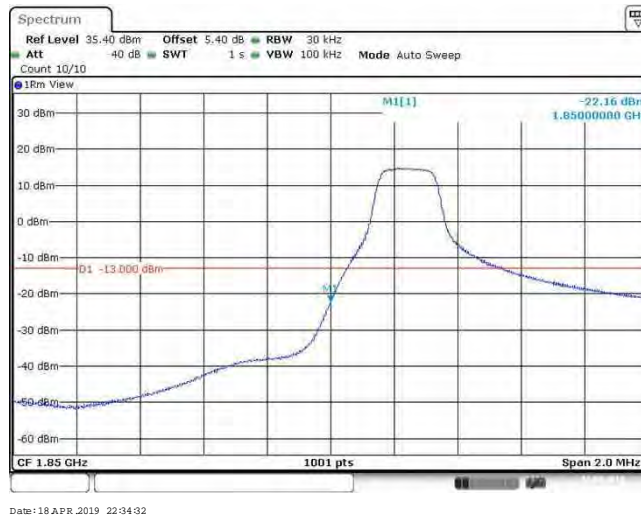


Date: 18 APR. 2019 22:36:47

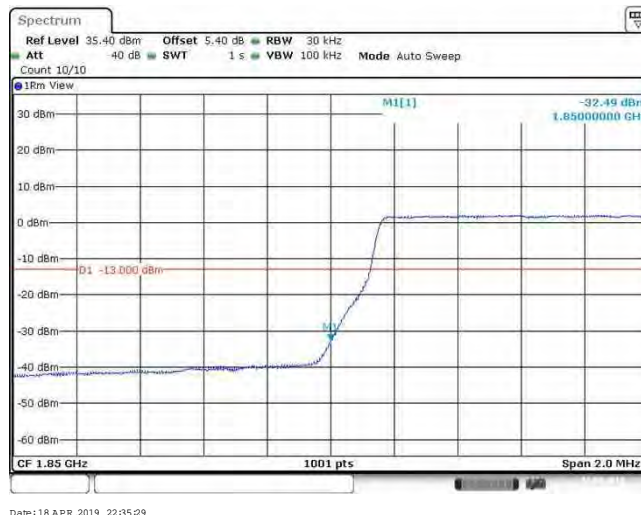
**Band2\_3MHz\_64QAM\_18615\_1RB#0**



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**Band2\_3MHz\_64QAM\_18615\_15RB#0**



**Band2\_3MHz\_64QAM\_19185\_1RB#14**

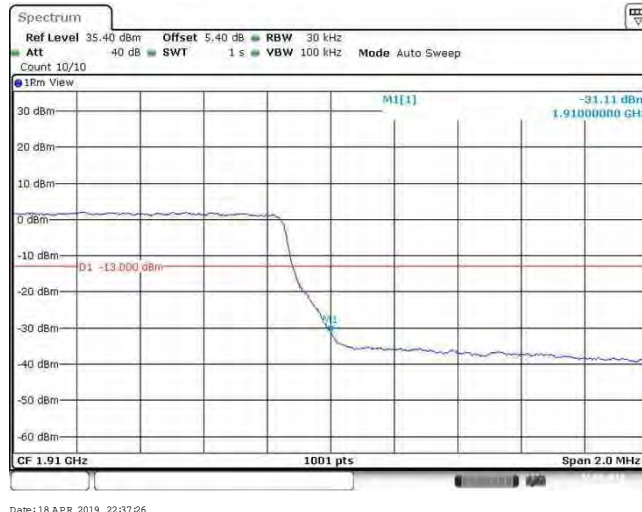


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Date: 18 APR. 2019 22:36:28

**Band2\_3MHz\_64QAM\_19185\_15RB#0**



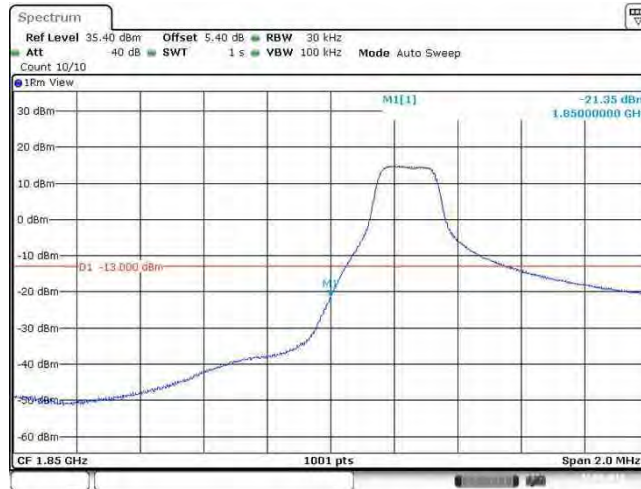
Date: 18 APR. 2019 22:37:26

**Band2\_3MHz\_16QAM\_18615\_1RB#0**



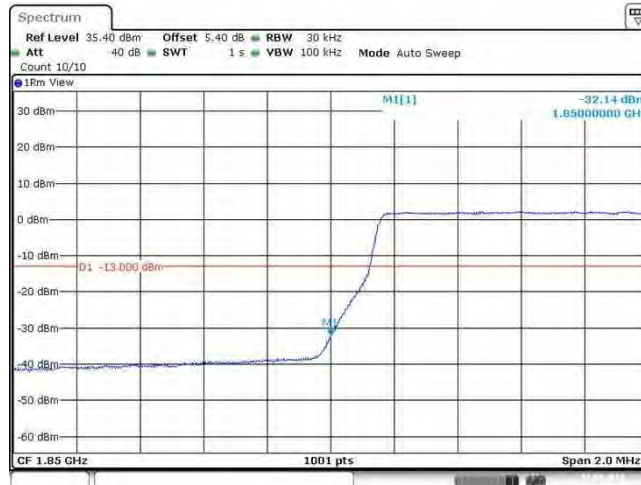
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Date: 18 APR. 2019 22:34:13

**Band2\_3MHz\_16QAM\_18615\_15RB#0**



Date: 18 APR. 2019 22:35:10

**Band2\_3MHz\_16QAM\_19185\_1RB#14**



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Date: 18 APR. 2019 22:36:09

**Band2\_3MHz\_16QAM\_19185\_15RB#0**

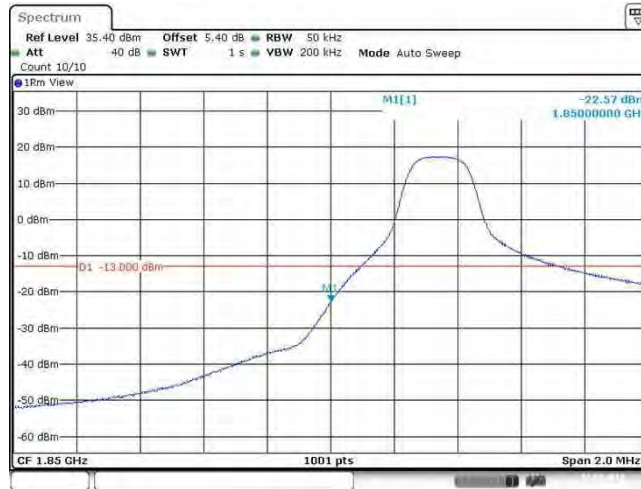


Date: 18 APR. 2019 22:37:06

**Band2\_5MHz\_QPSK\_18625\_1RB#0**



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Date: 18 APR. 2019 22:37:47

**Band2\_5MHz\_QPSK\_18625\_25RB#0**



Date: 18 APR. 2019 22:38:44

**Band2\_5MHz\_QPSK\_19175\_1RB#24**



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Date: 18 APR. 2019 22:39:44

**Band2\_5MHz\_QPSK\_19175\_25RB#0**

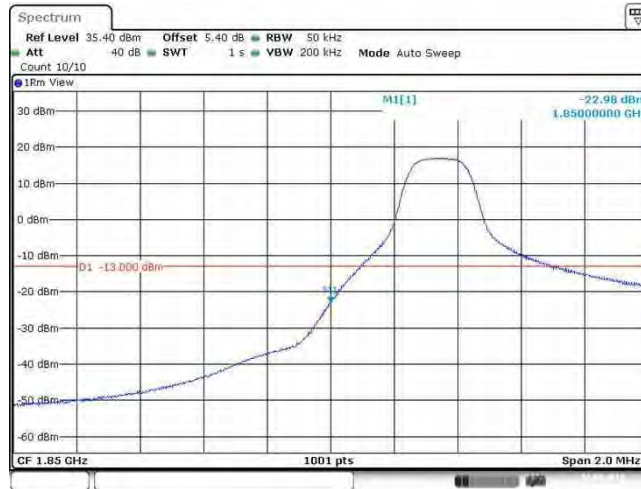


Date: 18 APR. 2019 22:40:41

**Band2\_5MHz\_64QAM\_18625\_1RB#0**

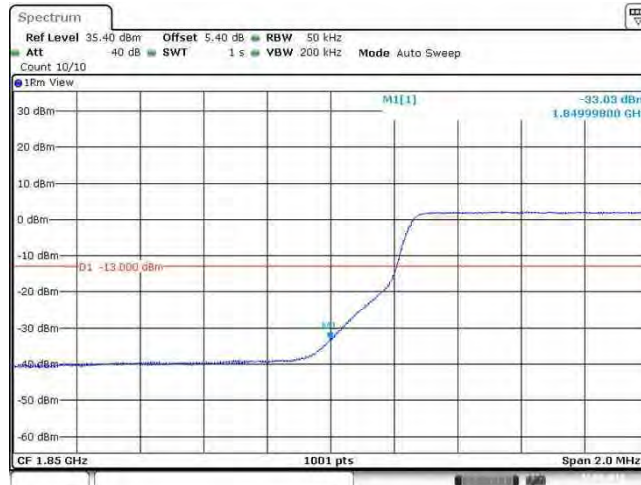


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Date: 18 APR. 2019 22:38:25

**Band2\_5MHz\_64QAM\_18625\_25RB#0**



Date: 18 APR. 2019 22:39:23

**Band2\_5MHz\_64QAM\_19175\_1RB#24**



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**Band2\_5MHz\_64QAM\_19175\_25RB#0**

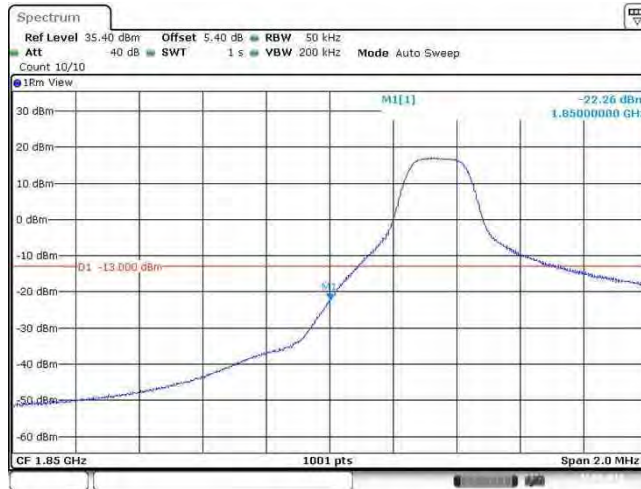


**Band2\_5MHz\_16QAM\_18625\_1RB#0**



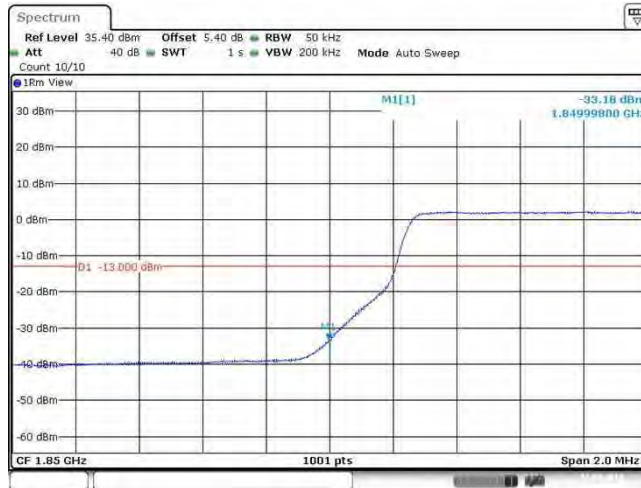
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Date: 18 APR. 2019 22:38:06

**Band2\_5MHz\_16QAM\_18625\_25RB#0**



Date: 18 APR. 2019 22:39:04

**Band2\_5MHz\_16QAM\_19175\_1RB#24**



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Date: 18 APR. 2019 22:40:03

**Band2\_5MHz\_16QAM\_19175\_25RB#0**



Date: 18 APR. 2019 22:41:01

**Band2\_10MHz\_QPSK\_18650\_1RB#0**

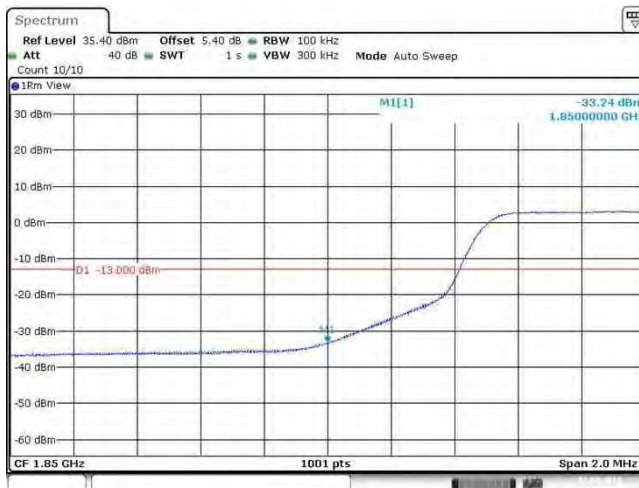


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Date: 18 APR. 2019 22:41:41

**Band2\_10MHz\_QPSK\_18650\_50RB#0**



Date: 18 APR. 2019 22:42:39

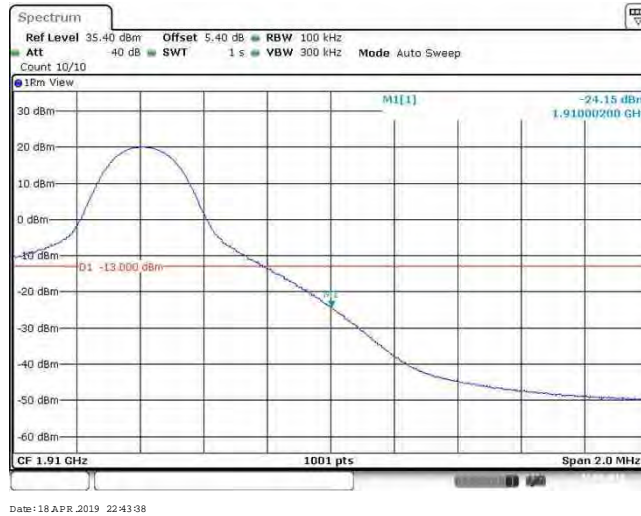
**Band2\_10MHz\_QPSK\_19150\_1RB#49**



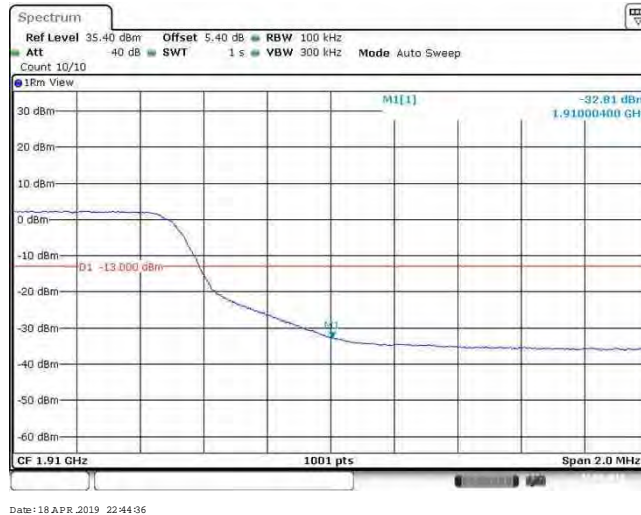
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**Band2\_10MHz\_QPSK\_19150\_50RB#0**



**Band2\_10MHz\_64QAM\_18650\_1RB#0**



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Date: 18 APR. 2019 22:42:19

**Band2\_10MHz\_64QAM\_18650\_50RB#0**



Date: 18 APR. 2019 22:43:17

**Band2\_10MHz\_64QAM\_19150\_1RB#49**



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Date: 18 APR. 2019 22:44:16

**Band2\_10MHz\_64QAM\_19150\_50RB#0**



Date: 18 APR. 2019 22:45:14

**Band2\_10MHz\_16QAM\_18650\_1RB#0**



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Date: 18 APR. 2019 22:42:00

**Band2\_10MHz\_16QAM\_18650\_50RB#0**



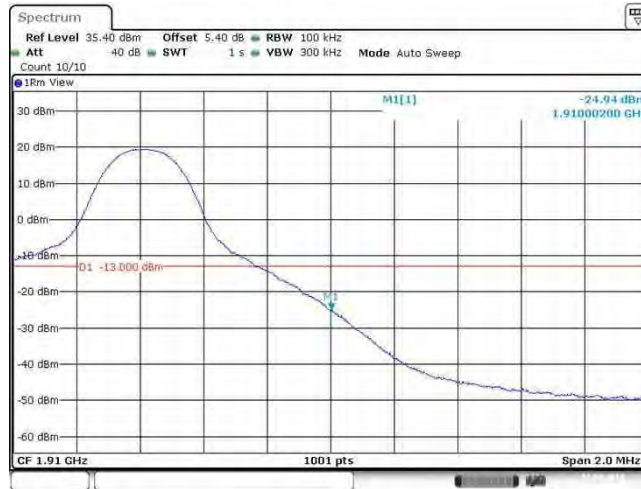
Date: 18 APR. 2019 22:42:58

**Band2\_10MHz\_16QAM\_19150\_1RB#49**



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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Date: 18 APR. 2019 22:43:57

**Band2\_10MHz\_16QAM\_19150\_50RB#0**



Date: 18 APR. 2019 22:44:55

**Band2\_15MHz\_QPSK\_18675\_1RB#0**



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Date: 18 APR. 2019 22:45:35

**Band2\_15MHz\_QPSK\_18675\_75RB#0**



Date: 18 APR. 2019 22:46:33

**Band2\_15MHz\_QPSK\_19125\_1RB#74**



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Date: 18 APR. 2019 22:47:32

**Band2\_15MHz\_QPSK\_19125\_75RB#0**



Date: 18 APR. 2019 22:48:30

**Band2\_15MHz\_64QAM\_18675\_1RB#0**



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**Band2\_15MHz\_64QAM\_18675\_75RB#0**



**Band2\_15MHz\_64QAM\_19125\_1RB#74**

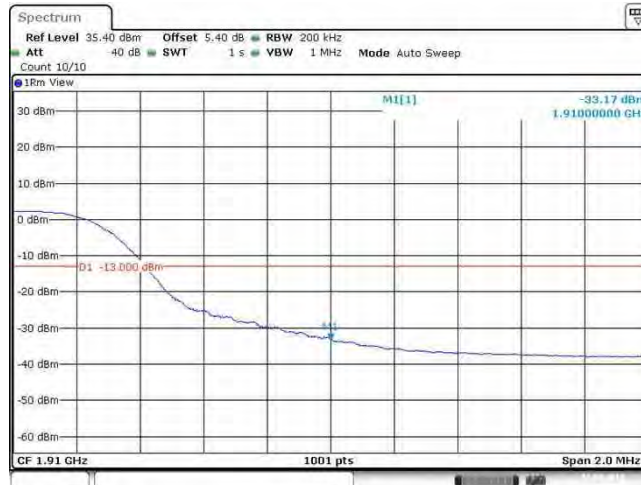


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Date: 18 APR. 2019 22:48:11

**Band2\_15MHz\_64QAM\_19125\_75RB#0**



Date: 18 APR. 2019 22:49:09

**Band2\_15MHz\_16QAM\_18675\_1RB#0**



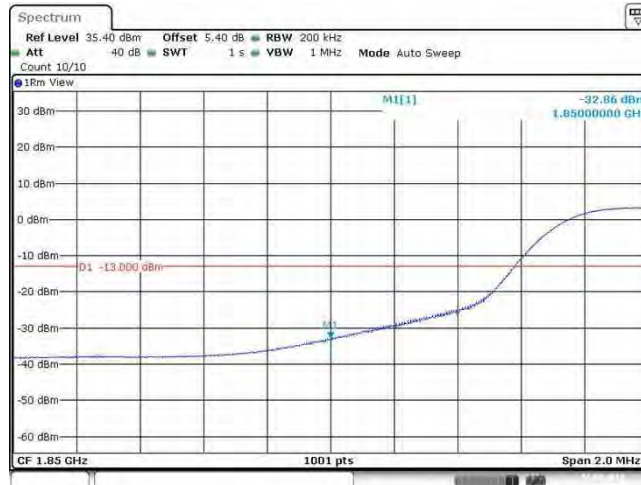
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Date: 18 APR. 2019 22:45:55

**Band2\_15MHz\_16QAM\_18675\_75RB#0**



Date: 18 APR. 2019 22:46:52

**Band2\_15MHz\_16QAM\_19125\_1RB#74**



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Date: 18 APR. 2019 22:47:52

**Band2\_15MHz\_16QAM\_19125\_75RB#0**

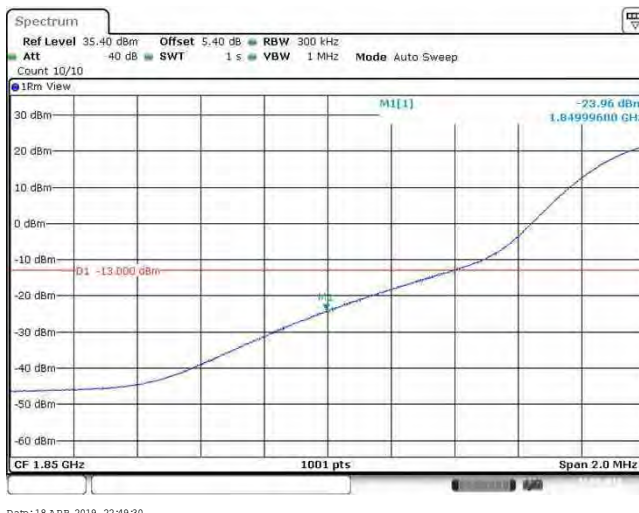


Date: 18 APR. 2019 22:48:49

**Band2\_20MHz\_QPSK\_18700\_1RB#0**



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**Band2\_20MHz\_QPSK\_18700\_100RB#0**



**Band2\_20MHz\_QPSK\_19100\_1RB#99**



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**Band2\_20MHz\_QPSK\_19100\_100RB#0**



**Band2\_20MHz\_64QAM\_18700\_1RB#0**



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Date: 18 APR. 2019 22:50:08

**Band2\_20MHz\_64QAM\_18700\_100RB#0**



Date: 18 APR. 2019 22:51:06

**Band2\_20MHz\_64QAM\_19100\_1RB#99**

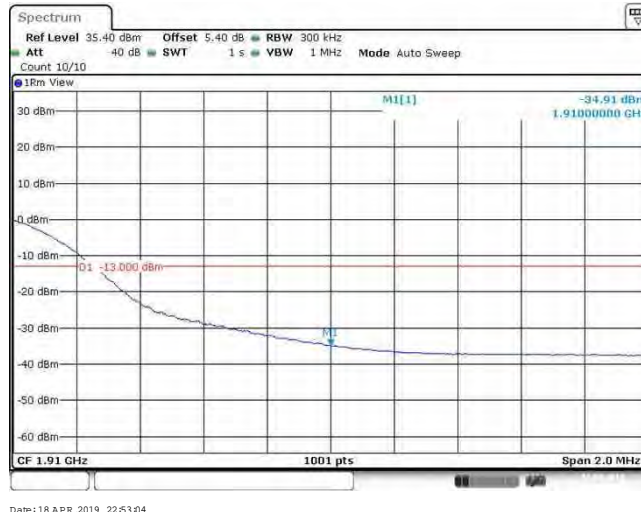


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Date: 18 APR. 2019 22:52:05

**Band2\_20MHz\_64QAM\_19100\_100RB#0**



Date: 18 APR. 2019 22:53:04

**Band2\_20MHz\_16QAM\_18700\_1RB#0**



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Date: 18 APR. 2019 22:49:49

**Band2\_20MHz\_16QAM\_18700\_100RB#0**



Date: 18 APR. 2019 22:50:47

**Band2\_20MHz\_16QAM\_19100\_1RB#99**

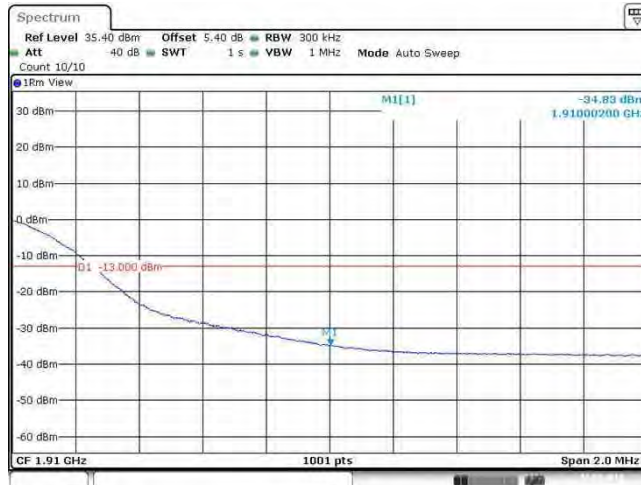


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Date: 18 APR. 2019 22:51:46

**Band2\_20MHz\_16QAM\_19100\_100RB#0**



Date: 18 APR. 2019 22:52:44



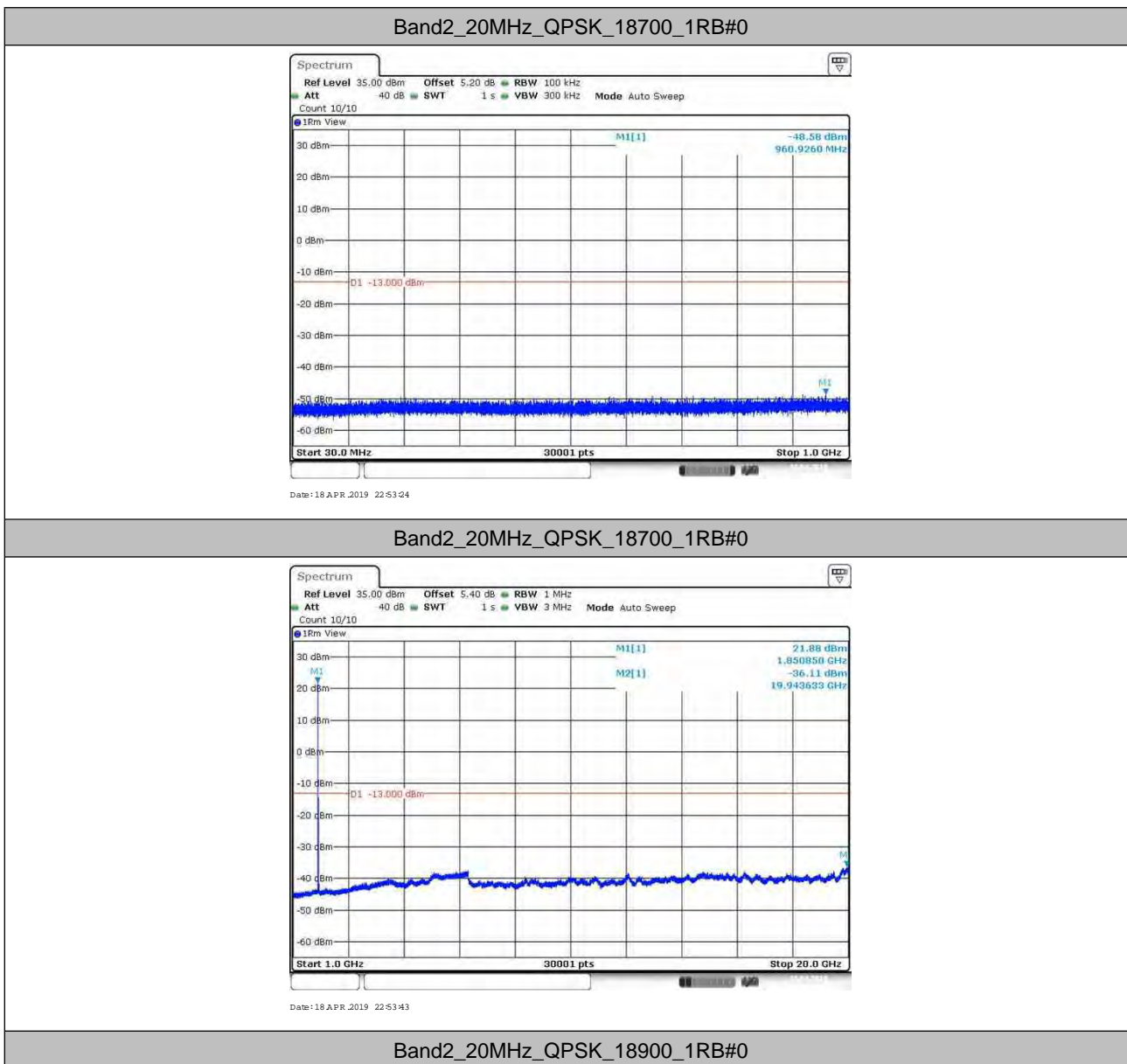
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## 6. Spurious Emission at Antenna Terminal

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.

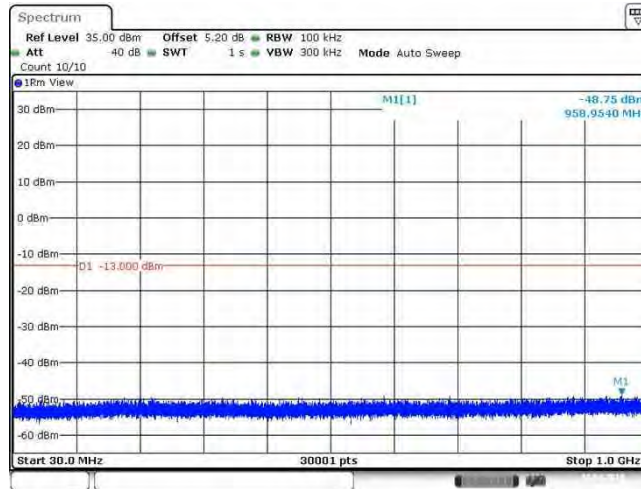
Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots



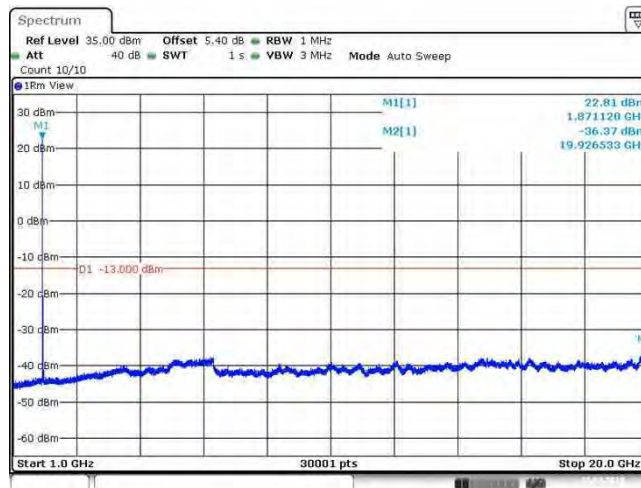
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Date: 18 APR. 2019 22:55:19

**Band2\_20MHz\_QPSK\_18900\_1RB#0**

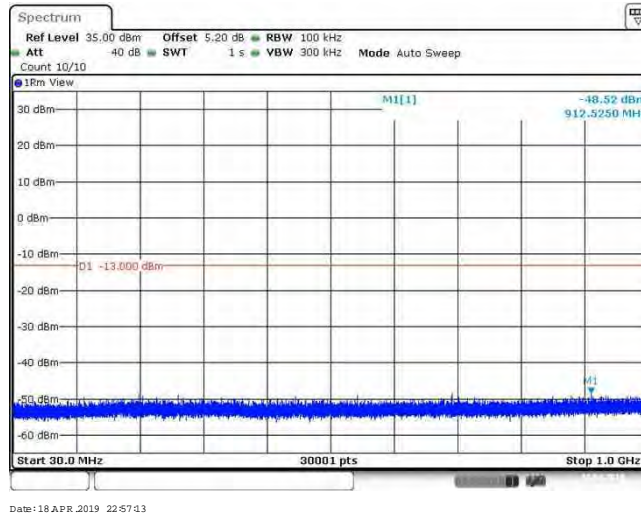


Date: 18 APR. 2019 22:55:38

**Band2\_20MHz\_QPSK\_19100\_1RB#0**

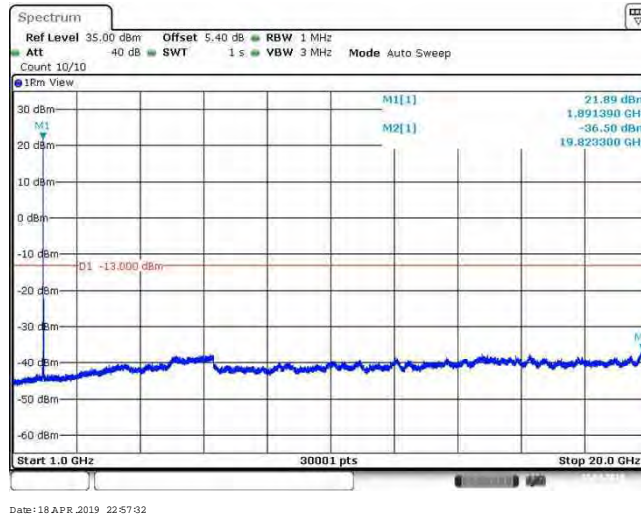


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Date: 18 APR. 2019 22:57:13

**Band2\_20MHz\_QPSK\_19100\_1RB#0**

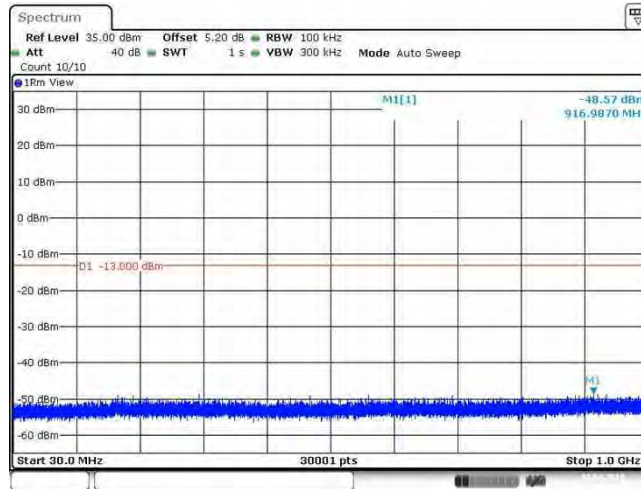


Date: 18 APR. 2019 22:57:32

**Band2\_20MHz\_64QAM\_18700\_1RB#0**

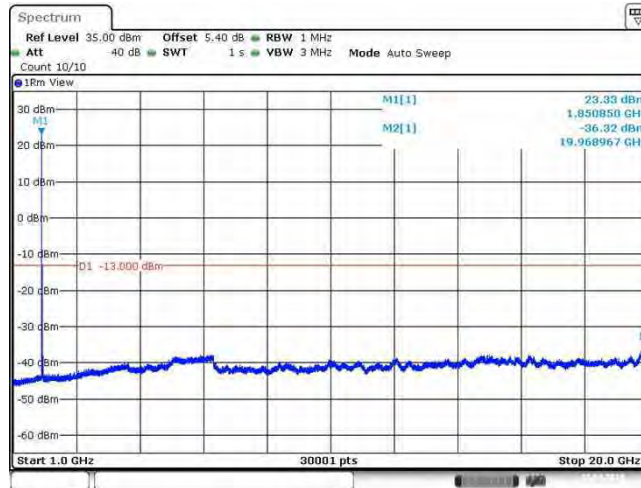


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Date: 18 APR. 2019 22:54:41

**Band2\_20MHz\_64QAM\_18700\_1RB#0**



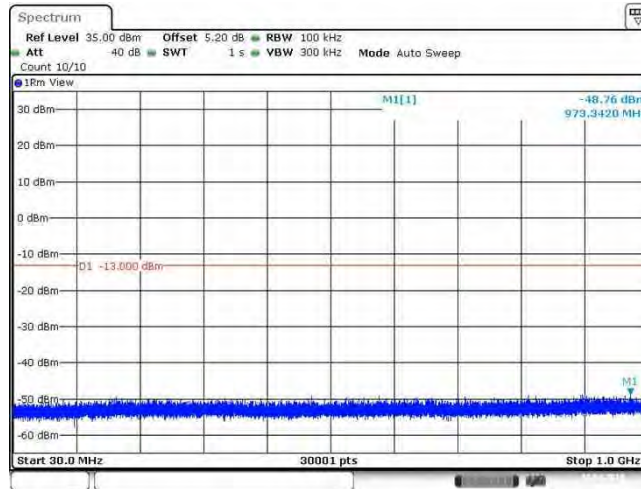
Date: 18 APR. 2019 22:55:00

**Band2\_20MHz\_64QAM\_18900\_1RB#0**



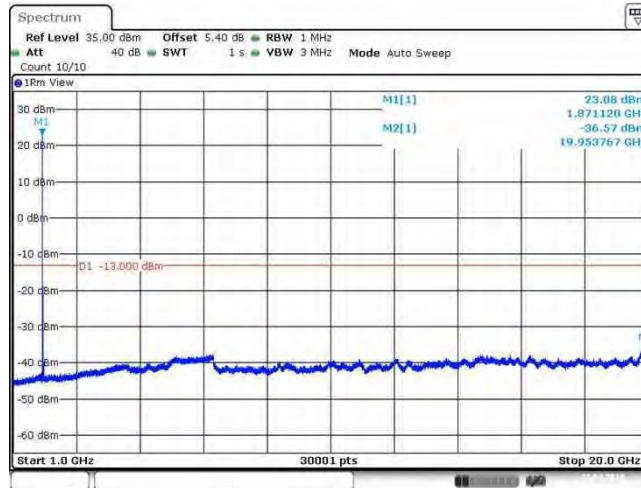
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Date: 18 APR. 2019 22:56:35

**Band2\_20MHz\_64QAM\_18900\_1RB#0**

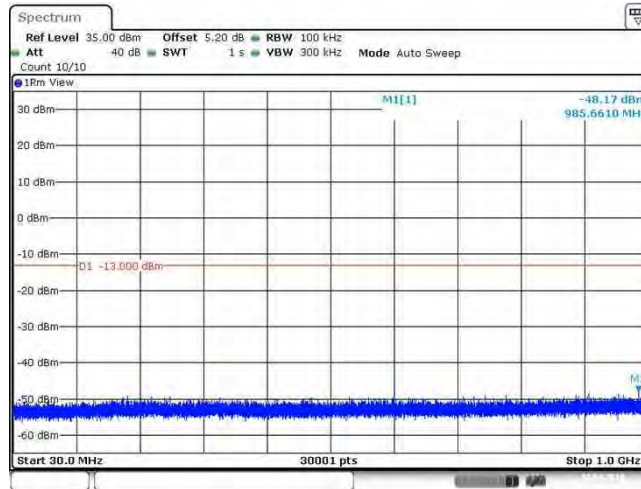


Date: 18 APR. 2019 22:56:54

**Band2\_20MHz\_64QAM\_19100\_1RB#0**

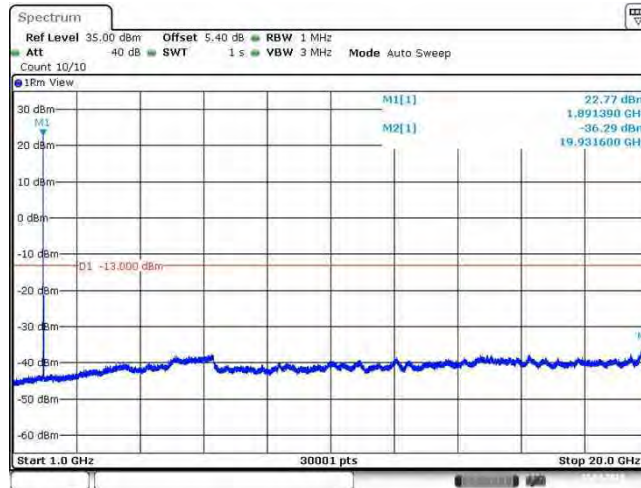


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Date: 18 APR. 2019 22:58:28

**Band2\_20MHz\_64QAM\_19100\_1RB#0**

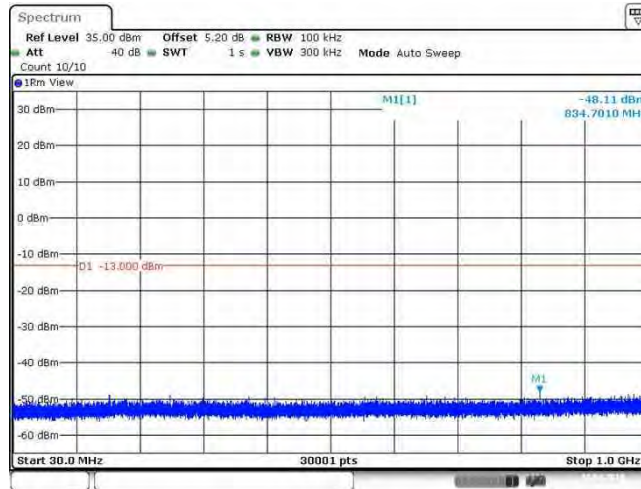


Date: 18 APR. 2019 22:58:47

**Band2\_20MHz\_16QAM\_18700\_1RB#0**

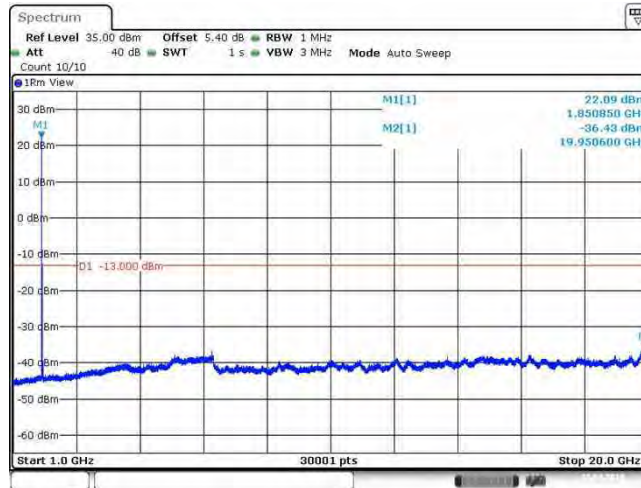


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Date: 18 APR. 2019 22:54:02

**Band2\_20MHz\_16QAM\_18700\_1RB#0**



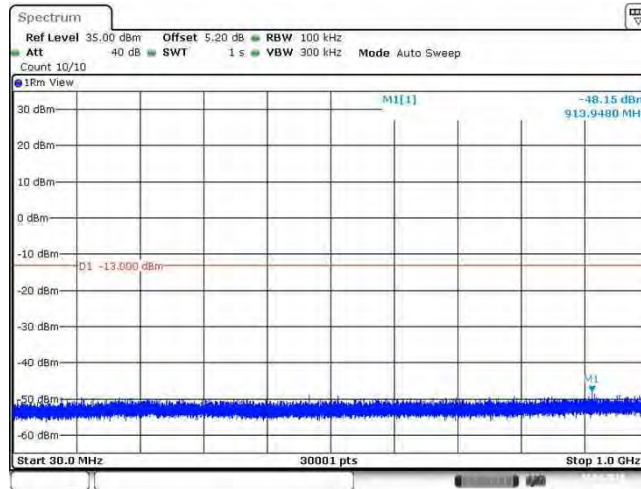
Date: 18 APR. 2019 22:54:02

**Band2\_20MHz\_16QAM\_18900\_1RB#0**

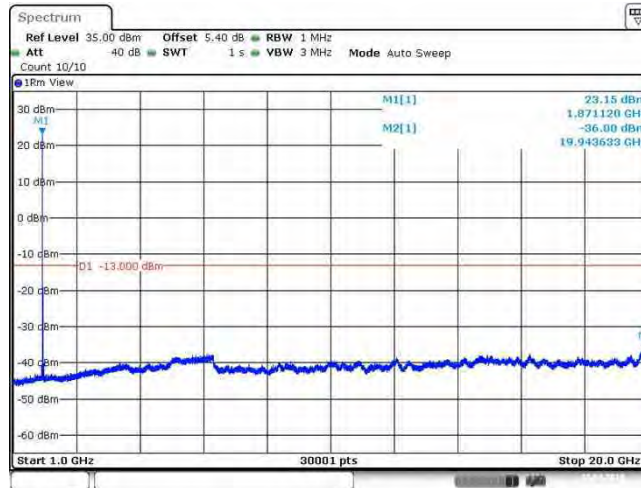


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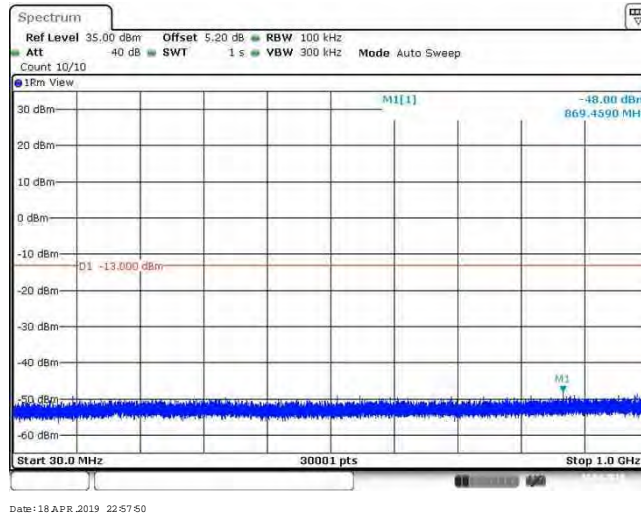
Band2\_20MHz\_16QAM\_18900\_1RB#0



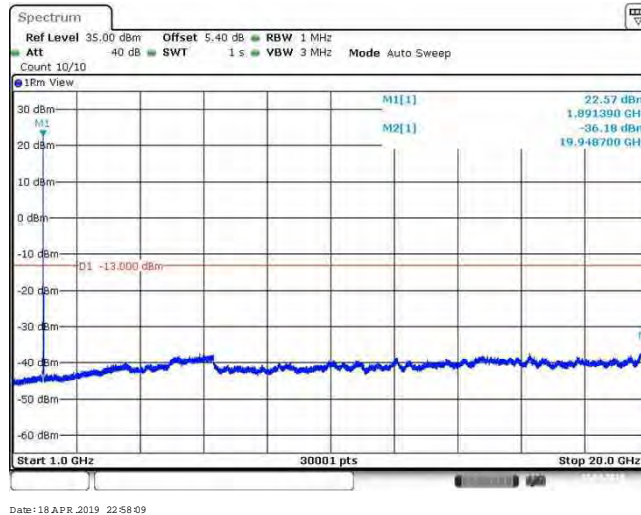
Band2\_20MHz\_16QAM\_19100\_1RB#0



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**Band2\_20MHz\_16QAM\_19100\_1RB#0**



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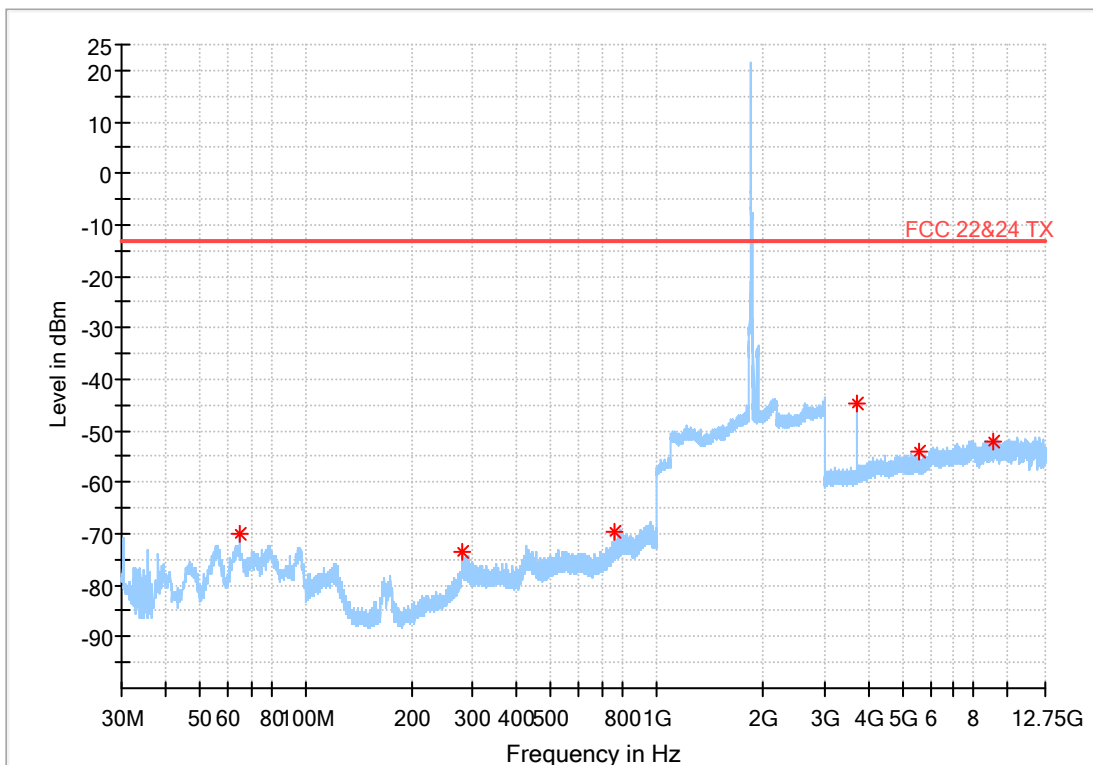
## 7. Field Strength of Spurious Radiation

### 7.1. Test BAND = LTE Band 2

#### 7.1.1. Test Mode = LTE/TM1 (Down Ant)

##### 7.1.1.1. Test Channel = LCH\_Vertical

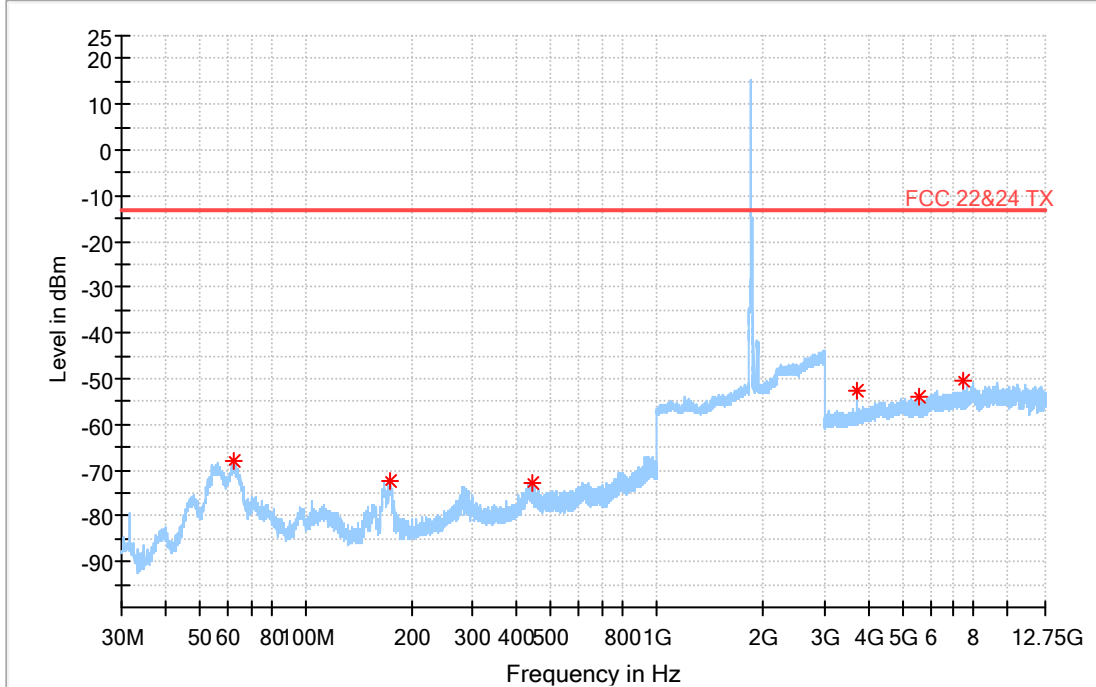
Full Spectrum



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**7.1.1.2. Test Channel = LCH\_Horizontal**

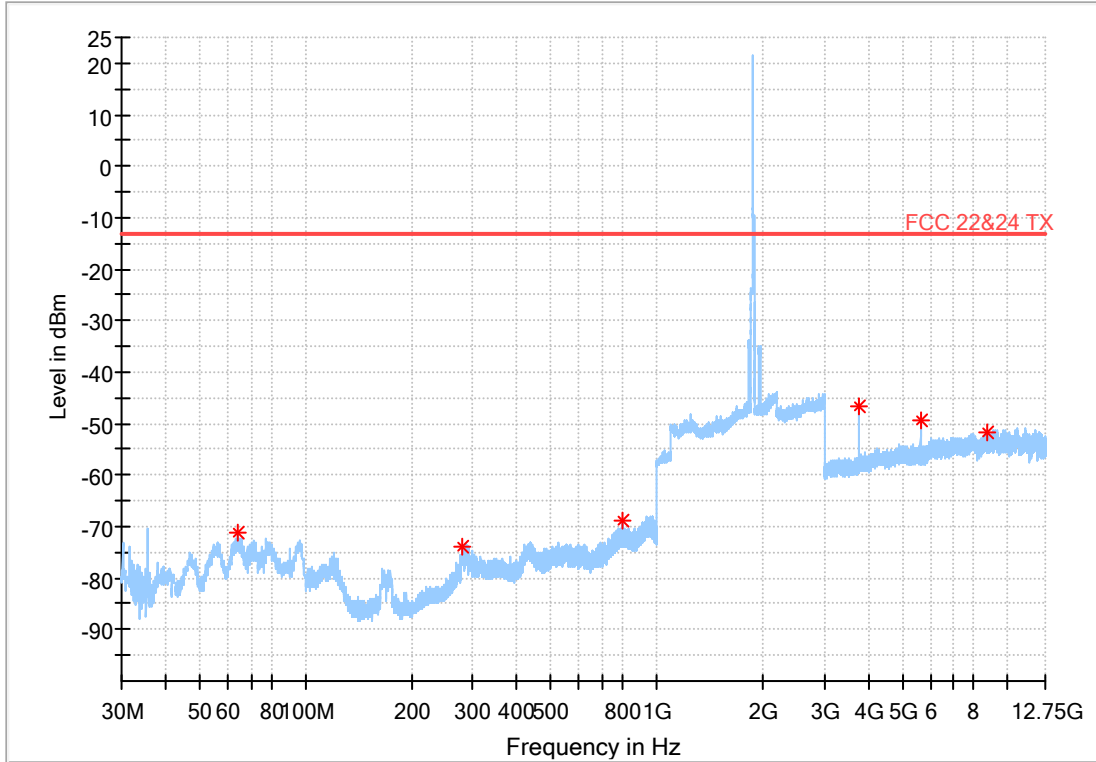


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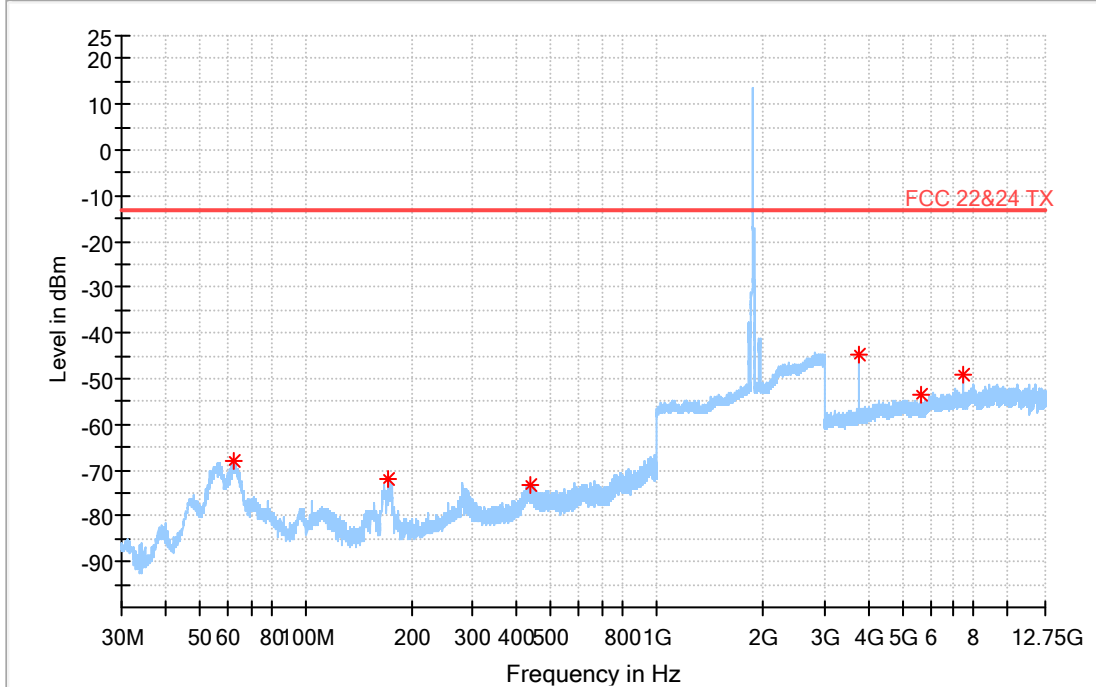
### 7.1.1.3. Test Channel = MCH\_Vertical

Full Spectrum



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**7.1.1.4. Test Channel = MCH\_ Horizontal**



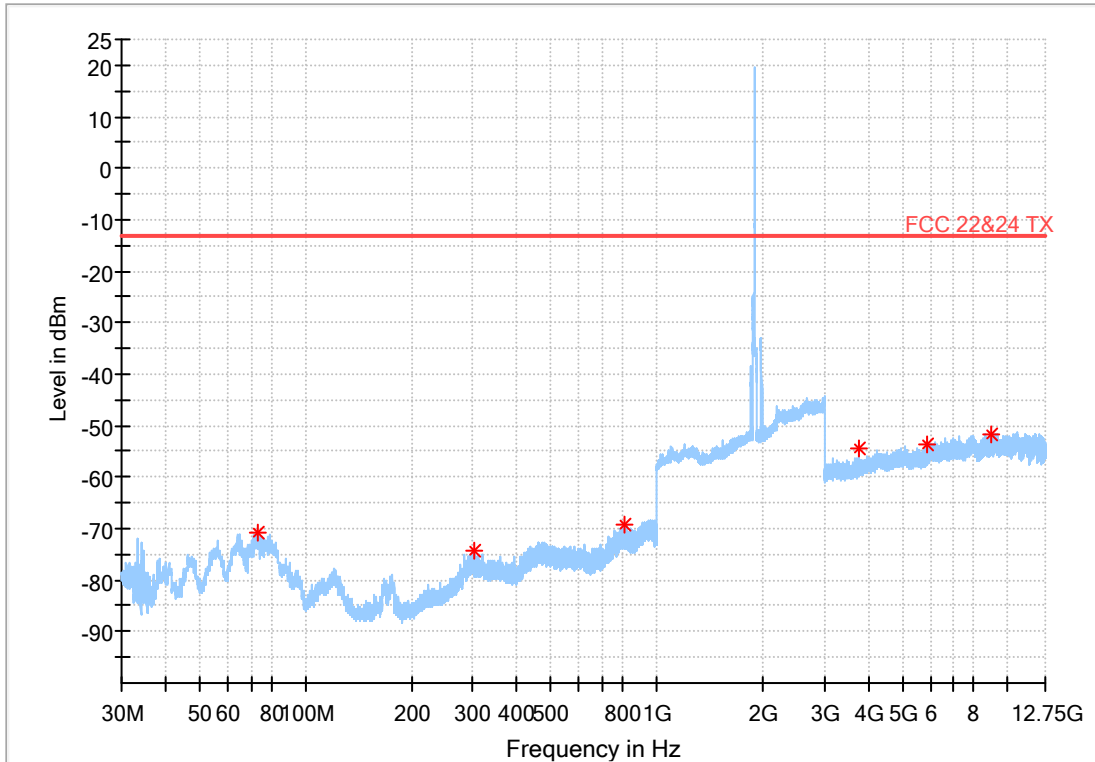
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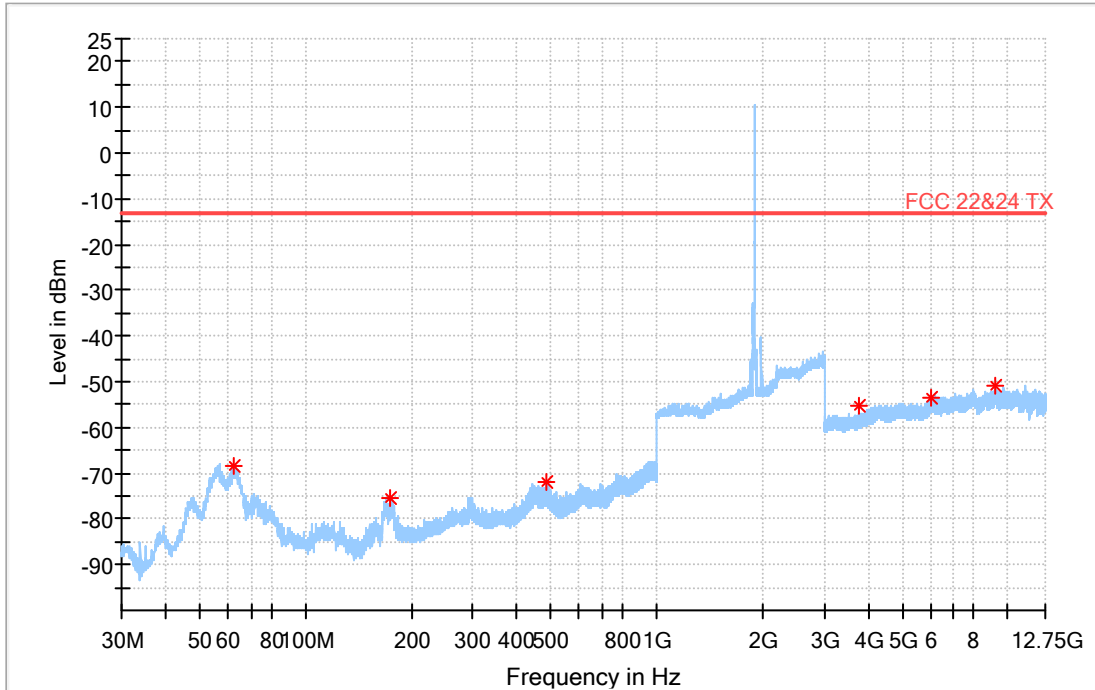
### 7.1.1.5. Test Channel = HCH\_Vertical

Full Spectrum



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**7.1.1.6. Test Channel = HCH\_ Horizontal**



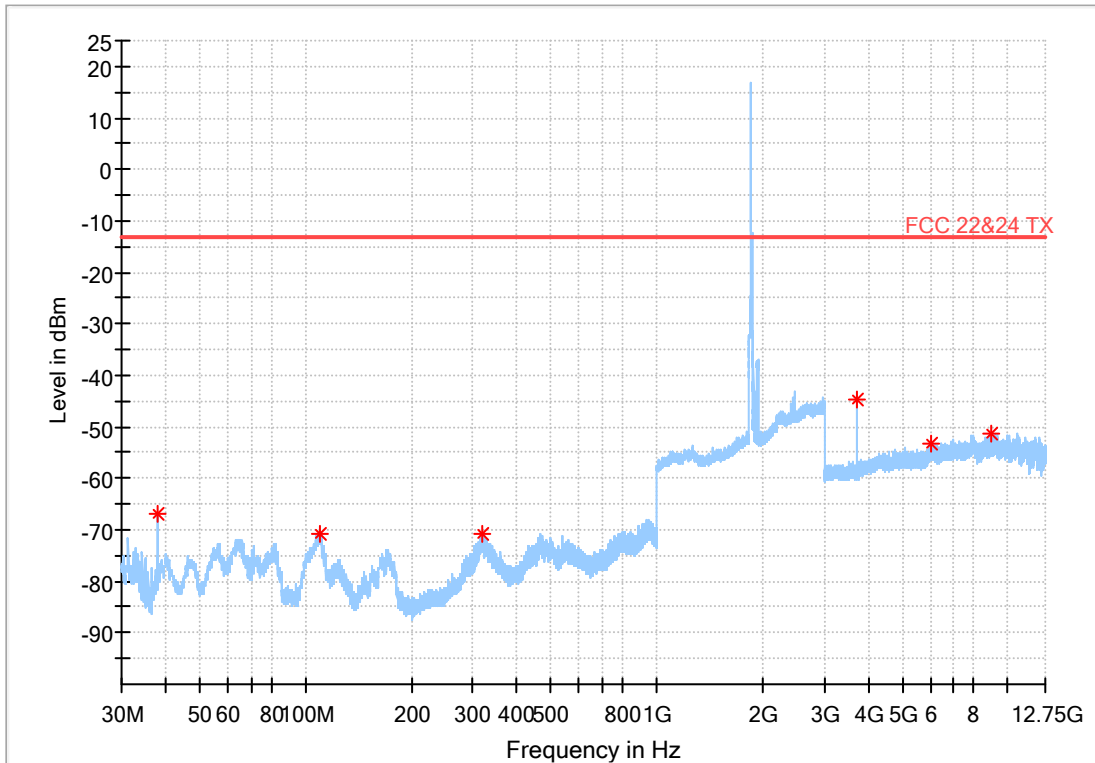
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## 7.1.2. Test Mode = LTE/TM1 (Up Ant)

### 7.1.2.1. Test Channel = LCH\_Vertical

Full Spectrum



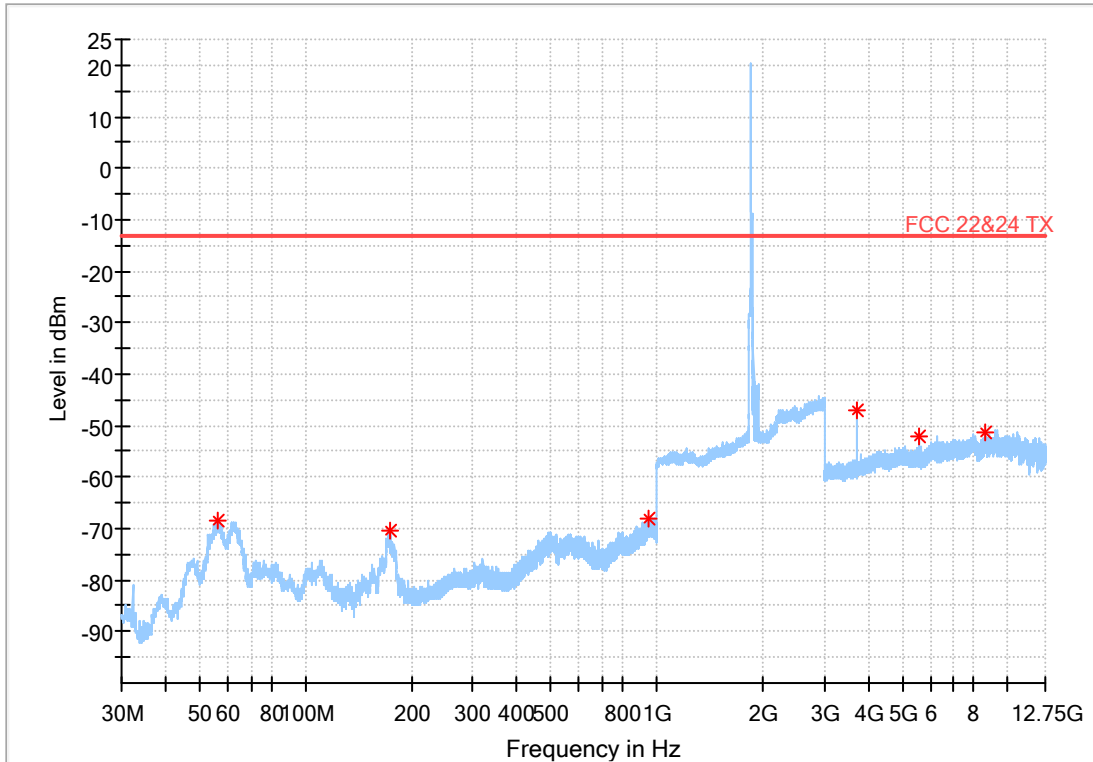
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



### 7.1.2.2. Test Channel = LCH\_Horizontal

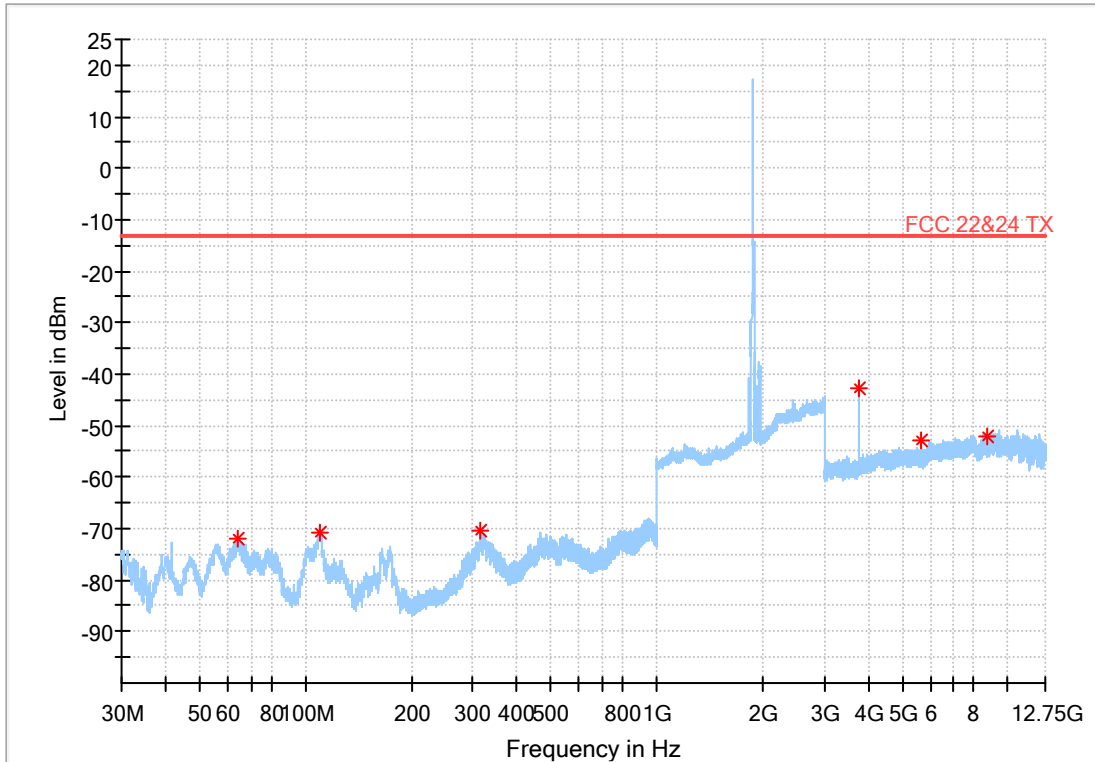
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### 7.1.2.3. Test Channel = MCH\_Vertical

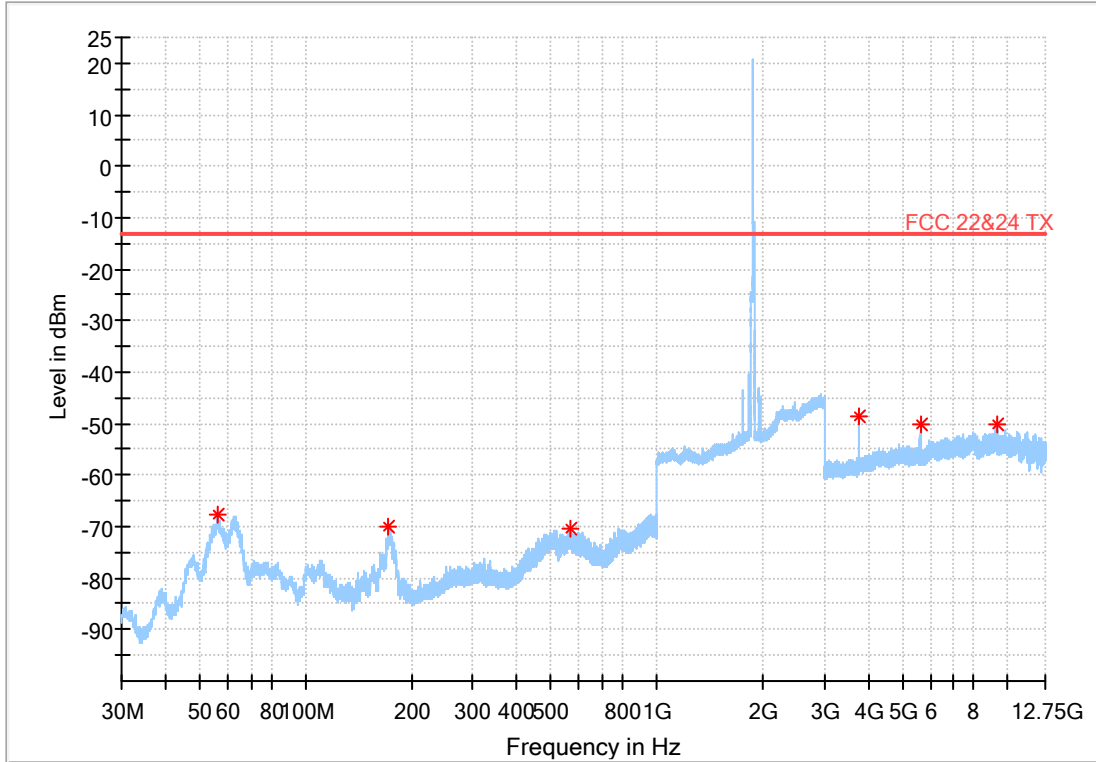
Full Spectrum



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**7.1.2.4. Test Channel = MCH\_ Horizontal**

Full Spectrum

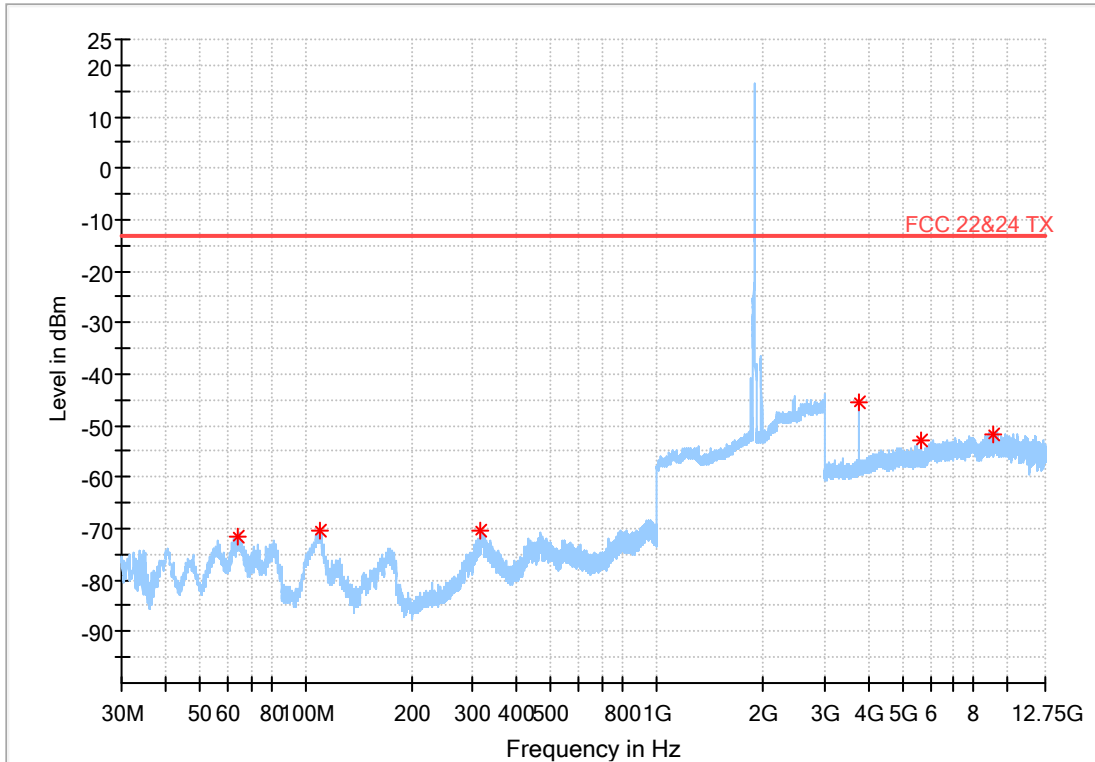


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### 7.1.2.5. Test Channel = HCH\_Vertical

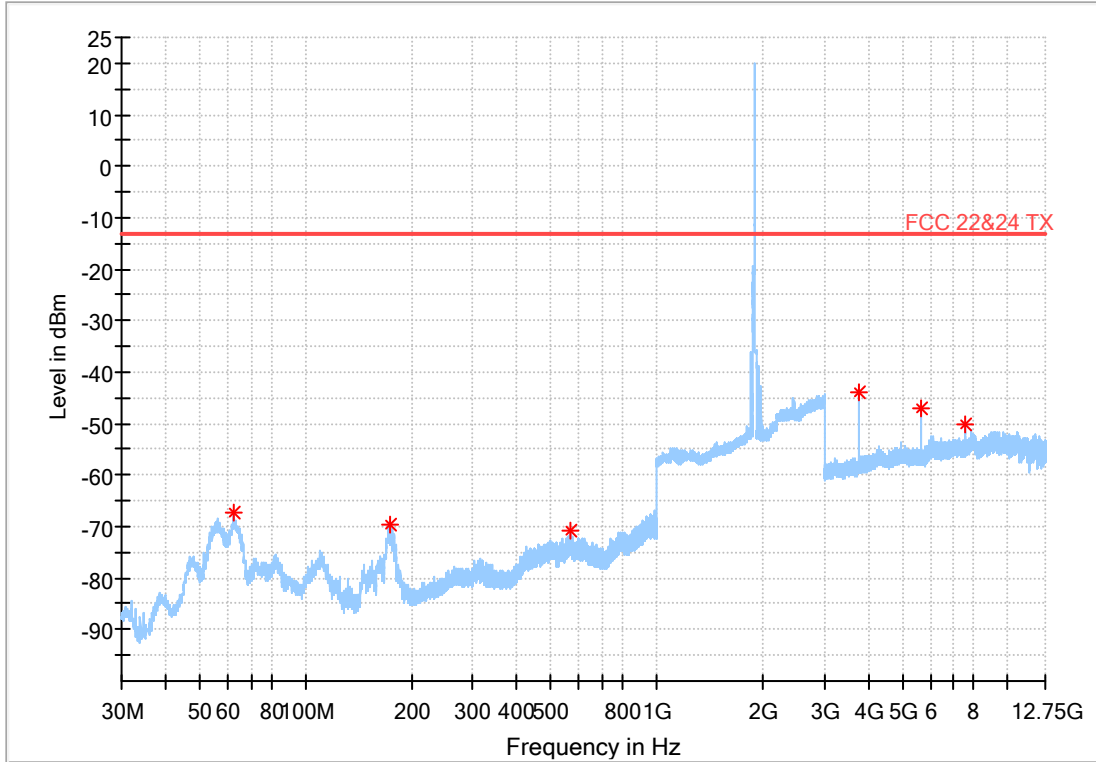
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**7.1.2.6. Test Channel = HCH\_ Horizontal**

Full Spectrum



**NOTE:**

- 1) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all combinations and all modulations, but only the worst case data presented in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

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	2.30	0.001237	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	2.10	0.001129	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	1.00	0.000538	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-1.60	-0.000851	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-0.60	-0.000319	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-1.30	-0.000691	±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	1.90	0.001000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	0.90	0.000474	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	1.20	0.000645	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	1.60	0.000860	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	1.60	0.000860	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-0.80	-0.000426	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	-1.00	-0.000532	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	-1.00	-0.000532	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	1.40	0.000737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	0.90	0.000474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	1.30	0.000684	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	1.30	0.000699	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-0.60	-0.000319	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-1.30	-0.000691	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	1.60	0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	1.60	0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	1.20	0.000632	±2.5	PASS



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## 8.2. Frequency Vs Temperature

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	1.10	0.000591	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	1.10	0.000591	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	2.40	0.001290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	1.80	0.000968	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	0.90	0.000484	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	2.50	0.001344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	1.40	0.000753	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	1.60	0.000860	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-1.30	-0.000691	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-0.40	-0.000213	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-0.90	-0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-1.30	-0.000691	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-0.80	-0.000426	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-1.30	-0.000691	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-0.20	-0.000106	±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	-20	0.90	0.000474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	1.30	0.000684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	1.50	0.000789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	2.20	0.001158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	1.80	0.000947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	1.70	0.000895	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	1.20	0.000632	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	1.50	0.000806	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	1.10	0.000591	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	2.10	0.001129	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	1.60	0.000860	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	1.60	0.000860	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	0.90	0.000484	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	1.60	0.000860	±2.5	PASS



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Band2	20MHz	64QAM	18700	100RB#0	NV	50	1.10	0.000591	±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	-20	-0.90	-0.000479	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	-1.10	-0.000585	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-1.30	-0.000691	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-1.50	-0.000798	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-1.80	-0.000957	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-1.00	-0.000532	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	-3.70	-0.001968	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	1.90	0.001000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	1.30	0.000684	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	1.90	0.001000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	1.00	0.000526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	1.00	0.000526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	1.80	0.000947	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	1.30	0.000684	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	1.20	0.000632	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	0.70	0.000376	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	0.80	0.000430	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	2.60	0.001398	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	2.00	0.001075	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	0.70	0.000376	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	2.20	0.001183	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	0.30	0.000160	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-0.60	-0.000319	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-1.00	-0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-2.10	-0.001117	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-1.20	-0.000638	±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	-0.80	-0.000426	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-1.10	-0.000585	±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	-20	1.00	0.000526	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	0.90	0.000474	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	1.60	0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	0.40	0.000211	±2.5	PASS



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Band2	20MHz	16QAM	19100	100RB#0	NV	30	2.20	0.001158	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	1.50	0.000789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	1.50	0.000789	±2.5	PASS

The End



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