



Appendix B

E-UTRA BAND 2



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1. Effective (Isotropic) Radiated Power

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND2	1.4MHz	QPSK	18607	1RB#0	23.54	27.54	33.00	PASS
BAND2	1.4MHz	QPSK	18607	1RB#2	23.58	27.58	33.00	PASS
BAND2	1.4MHz	QPSK	18607	1RB#5	23.62	27.62	33.00	PASS
BAND2	1.4MHz	QPSK	18607	3RB#0	23.62	27.62	33.00	PASS
BAND2	1.4MHz	QPSK	18607	3RB#1	23.63	27.63	33.00	PASS
BAND2	1.4MHz	QPSK	18607	3RB#3	23.64	27.64	33.00	PASS
BAND2	1.4MHz	QPSK	18607	6RB#0	22.67	26.67	33.00	PASS
BAND2	1.4MHz	QPSK	18900	1RB#0	23.61	27.61	33.00	PASS
BAND2	1.4MHz	QPSK	18900	1RB#2	23.60	27.60	33.00	PASS
BAND2	1.4MHz	QPSK	18900	1RB#5	23.56	27.56	33.00	PASS
BAND2	1.4MHz	QPSK	18900	3RB#0	23.61	27.61	33.00	PASS
BAND2	1.4MHz	QPSK	18900	3RB#1	23.62	27.62	33.00	PASS
BAND2	1.4MHz	QPSK	18900	3RB#3	23.57	27.57	33.00	PASS
BAND2	1.4MHz	QPSK	18900	6RB#0	22.57	26.57	33.00	PASS
BAND2	1.4MHz	QPSK	19193	1RB#0	23.48	27.48	33.00	PASS
BAND2	1.4MHz	QPSK	19193	1RB#2	23.37	27.37	33.00	PASS
BAND2	1.4MHz	QPSK	19193	1RB#5	23.39	27.39	33.00	PASS
BAND2	1.4MHz	QPSK	19193	3RB#0	23.38	27.38	33.00	PASS
BAND2	1.4MHz	QPSK	19193	3RB#1	23.37	27.37	33.00	PASS
BAND2	1.4MHz	QPSK	19193	3RB#3	23.37	27.37	33.00	PASS
BAND2	1.4MHz	QPSK	19193	6RB#0	22.45	26.45	33.00	PASS
BAND2	1.4MHz	16QAM	18607	1RB#0	22.54	26.54	33.00	PASS
BAND2	1.4MHz	16QAM	18607	1RB#2	22.48	26.48	33.00	PASS
BAND2	1.4MHz	16QAM	18607	1RB#5	22.48	26.48	33.00	PASS
BAND2	1.4MHz	16QAM	18607	3RB#0	22.46	26.46	33.00	PASS
BAND2	1.4MHz	16QAM	18607	3RB#1	22.70	26.70	33.00	PASS
BAND2	1.4MHz	16QAM	18607	3RB#3	22.82	26.82	33.00	PASS
BAND2	1.4MHz	16QAM	18607	6RB#0	21.55	25.55	33.00	PASS
BAND2	1.4MHz	16QAM	18900	1RB#0	22.78	26.78	33.00	PASS
BAND2	1.4MHz	16QAM	18900	1RB#2	22.69	26.69	33.00	PASS
BAND2	1.4MHz	16QAM	18900	1RB#5	22.42	26.42	33.00	PASS
BAND2	1.4MHz	16QAM	18900	3RB#0	22.67	26.67	33.00	PASS
BAND2	1.4MHz	16QAM	18900	3RB#1	22.65	26.65	33.00	PASS
BAND2	1.4MHz	16QAM	18900	3RB#3	22.55	26.55	33.00	PASS
BAND2	1.4MHz	16QAM	18900	6RB#0	21.62	25.62	33.00	PASS
BAND2	1.4MHz	16QAM	19193	1RB#0	22.54	26.54	33.00	PASS



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BAND2	1.4MHz	16QAM	19193	1RB#2	22.17	26.17	33.00	PASS
BAND2	1.4MHz	16QAM	19193	1RB#5	22.46	26.46	33.00	PASS
BAND2	1.4MHz	16QAM	19193	3RB#0	22.28	26.28	33.00	PASS
BAND2	1.4MHz	16QAM	19193	3RB#1	22.34	26.34	33.00	PASS
BAND2	1.4MHz	16QAM	19193	3RB#3	22.42	26.42	33.00	PASS
BAND2	1.4MHz	16QAM	19193	6RB#0	21.32	25.32	33.00	PASS
BAND2	1.4MHz	64QAM	18607	1RB#0	21.69	25.69	33.00	PASS
BAND2	1.4MHz	64QAM	18607	1RB#2	21.54	25.54	33.00	PASS
BAND2	1.4MHz	64QAM	18607	1RB#5	21.62	25.62	33.00	PASS
BAND2	1.4MHz	64QAM	18607	3RB#0	21.40	25.40	33.00	PASS
BAND2	1.4MHz	64QAM	18607	3RB#1	21.68	25.68	33.00	PASS
BAND2	1.4MHz	64QAM	18607	3RB#3	21.88	25.88	33.00	PASS
BAND2	1.4MHz	64QAM	18607	6RB#0	20.64	24.64	33.00	PASS
BAND2	1.4MHz	64QAM	18900	1RB#0	21.84	25.84	33.00	PASS
BAND2	1.4MHz	64QAM	18900	1RB#2	21.82	25.82	33.00	PASS
BAND2	1.4MHz	64QAM	18900	1RB#5	21.48	25.48	33.00	PASS
BAND2	1.4MHz	64QAM	18900	3RB#0	21.60	25.60	33.00	PASS
BAND2	1.4MHz	64QAM	18900	3RB#1	21.71	25.71	33.00	PASS
BAND2	1.4MHz	64QAM	18900	3RB#3	21.70	25.70	33.00	PASS
BAND2	1.4MHz	64QAM	18900	6RB#0	20.62	24.62	33.00	PASS
BAND2	1.4MHz	64QAM	19193	1RB#0	21.65	25.65	33.00	PASS
BAND2	1.4MHz	64QAM	19193	1RB#2	21.16	25.16	33.00	PASS
BAND2	1.4MHz	64QAM	19193	1RB#5	21.61	25.61	33.00	PASS
BAND2	1.4MHz	64QAM	19193	3RB#0	21.42	25.42	33.00	PASS
BAND2	1.4MHz	64QAM	19193	3RB#1	21.30	25.30	33.00	PASS
BAND2	1.4MHz	64QAM	19193	3RB#3	21.52	25.52	33.00	PASS
BAND2	1.4MHz	64QAM	19193	6RB#0	20.39	24.39	33.00	PASS
BAND2	3MHz	QPSK	18615	1RB#0	23.60	27.60	33.00	PASS
BAND2	3MHz	QPSK	18615	1RB#14	23.55	27.55	33.00	PASS
BAND2	3MHz	QPSK	18615	1RB#8	23.65	27.65	33.00	PASS
BAND2	3MHz	QPSK	18615	8RB#0	22.71	26.71	33.00	PASS
BAND2	3MHz	QPSK	18615	8RB#4	22.68	26.68	33.00	PASS
BAND2	3MHz	QPSK	18615	8RB#7	22.63	26.63	33.00	PASS
BAND2	3MHz	QPSK	18615	15RB#0	22.68	26.68	33.00	PASS
BAND2	3MHz	QPSK	18900	1RB#0	23.59	27.59	33.00	PASS
BAND2	3MHz	QPSK	18900	1RB#14	23.54	27.54	33.00	PASS
BAND2	3MHz	QPSK	18900	1RB#8	23.57	27.57	33.00	PASS
BAND2	3MHz	QPSK	18900	8RB#0	22.65	26.65	33.00	PASS
BAND2	3MHz	QPSK	18900	8RB#4	22.59	26.59	33.00	PASS
BAND2	3MHz	QPSK	18900	8RB#7	22.59	26.59	33.00	PASS
BAND2	3MHz	QPSK	18900	15RB#0	22.58	26.58	33.00	PASS

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BAND2	3MHz	QPSK	19185	1RB#0	23.48	27.48	33.00	PASS
BAND2	3MHz	QPSK	19185	1RB#14	23.35	27.35	33.00	PASS
BAND2	3MHz	QPSK	19185	1RB#8	23.50	27.50	33.00	PASS
BAND2	3MHz	QPSK	19185	8RB#0	22.57	26.57	33.00	PASS
BAND2	3MHz	QPSK	19185	8RB#4	22.54	26.54	33.00	PASS
BAND2	3MHz	QPSK	19185	8RB#7	22.48	26.48	33.00	PASS
BAND2	3MHz	QPSK	19185	15RB#0	22.56	26.56	33.00	PASS
BAND2	3MHz	16QAM	18615	1RB#0	22.92	26.92	33.00	PASS
BAND2	3MHz	16QAM	18615	1RB#14	22.71	26.71	33.00	PASS
BAND2	3MHz	16QAM	18615	1RB#8	22.81	26.81	33.00	PASS
BAND2	3MHz	16QAM	18615	8RB#0	21.69	25.69	33.00	PASS
BAND2	3MHz	16QAM	18615	8RB#4	21.62	25.62	33.00	PASS
BAND2	3MHz	16QAM	18615	8RB#7	21.67	25.67	33.00	PASS
BAND2	3MHz	16QAM	18615	15RB#0	21.68	25.68	33.00	PASS
BAND2	3MHz	16QAM	18900	1RB#0	22.90	26.90	33.00	PASS
BAND2	3MHz	16QAM	18900	1RB#14	22.81	26.81	33.00	PASS
BAND2	3MHz	16QAM	18900	1RB#8	22.73	26.73	33.00	PASS
BAND2	3MHz	16QAM	18900	8RB#0	21.71	25.71	33.00	PASS
BAND2	3MHz	16QAM	18900	8RB#4	21.67	25.67	33.00	PASS
BAND2	3MHz	16QAM	18900	8RB#7	21.73	25.73	33.00	PASS
BAND2	3MHz	16QAM	18900	15RB#0	21.67	25.67	33.00	PASS
BAND2	3MHz	16QAM	19185	1RB#0	22.73	26.73	33.00	PASS
BAND2	3MHz	16QAM	19185	1RB#14	22.78	26.78	33.00	PASS
BAND2	3MHz	16QAM	19185	1RB#8	22.87	26.87	33.00	PASS
BAND2	3MHz	16QAM	19185	8RB#0	21.58	25.58	33.00	PASS
BAND2	3MHz	16QAM	19185	8RB#4	21.63	25.63	33.00	PASS
BAND2	3MHz	16QAM	19185	8RB#7	21.73	25.73	33.00	PASS
BAND2	3MHz	16QAM	19185	15RB#0	21.71	25.71	33.00	PASS
BAND2	3MHz	64QAM	18615	1RB#0	21.81	25.81	33.00	PASS
BAND2	3MHz	64QAM	18615	1RB#14	21.68	25.68	33.00	PASS
BAND2	3MHz	64QAM	18615	1RB#8	21.69	25.69	33.00	PASS
BAND2	3MHz	64QAM	18615	8RB#0	20.69	24.69	33.00	PASS
BAND2	3MHz	64QAM	18615	8RB#4	20.55	24.55	33.00	PASS
BAND2	3MHz	64QAM	18615	8RB#7	20.66	24.66	33.00	PASS
BAND2	3MHz	64QAM	18615	15RB#0	20.86	24.86	33.00	PASS
BAND2	3MHz	64QAM	18900	1RB#0	21.85	25.85	33.00	PASS
BAND2	3MHz	64QAM	18900	1RB#14	21.93	25.93	33.00	PASS
BAND2	3MHz	64QAM	18900	1RB#8	21.73	25.73	33.00	PASS
BAND2	3MHz	64QAM	18900	8RB#0	20.71	24.71	33.00	PASS
BAND2	3MHz	64QAM	18900	8RB#4	20.59	24.59	33.00	PASS
BAND2	3MHz	64QAM	18900	8RB#7	20.75	24.75	33.00	PASS

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BAND2	3MHz	64QAM	18900	15RB#0	20.59	24.59	33.00	PASS
BAND2	3MHz	64QAM	19185	1RB#0	21.72	25.72	33.00	PASS
BAND2	3MHz	64QAM	19185	1RB#14	21.73	25.73	33.00	PASS
BAND2	3MHz	64QAM	19185	1RB#8	21.86	25.86	33.00	PASS
BAND2	3MHz	64QAM	19185	8RB#0	20.58	24.58	33.00	PASS
BAND2	3MHz	64QAM	19185	8RB#4	20.56	24.56	33.00	PASS
BAND2	3MHz	64QAM	19185	8RB#7	20.75	24.75	33.00	PASS
BAND2	3MHz	64QAM	19185	15RB#0	20.67	24.67	33.00	PASS
BAND2	5MHz	QPSK	18625	1RB#0	23.72	27.72	33.00	PASS
BAND2	5MHz	QPSK	18625	1RB#12	23.62	27.62	33.00	PASS
BAND2	5MHz	QPSK	18625	1RB#24	23.63	27.63	33.00	PASS
BAND2	5MHz	QPSK	18625	12RB#0	22.82	26.82	33.00	PASS
BAND2	5MHz	QPSK	18625	12RB#13	22.74	26.74	33.00	PASS
BAND2	5MHz	QPSK	18625	12RB#6	22.74	26.74	33.00	PASS
BAND2	5MHz	QPSK	18625	25RB#0	22.71	26.71	33.00	PASS
BAND2	5MHz	QPSK	18900	1RB#0	23.68	27.68	33.00	PASS
BAND2	5MHz	QPSK	18900	1RB#12	23.60	27.60	33.00	PASS
BAND2	5MHz	QPSK	18900	1RB#24	23.65	27.65	33.00	PASS
BAND2	5MHz	QPSK	18900	12RB#0	22.76	26.76	33.00	PASS
BAND2	5MHz	QPSK	18900	12RB#13	22.70	26.70	33.00	PASS
BAND2	5MHz	QPSK	18900	12RB#6	22.76	26.76	33.00	PASS
BAND2	5MHz	QPSK	18900	25RB#0	22.67	26.67	33.00	PASS
BAND2	5MHz	QPSK	19175	1RB#0	23.64	27.64	33.00	PASS
BAND2	5MHz	QPSK	19175	1RB#12	23.56	27.56	33.00	PASS
BAND2	5MHz	QPSK	19175	1RB#24	23.43	27.43	33.00	PASS
BAND2	5MHz	QPSK	19175	12RB#0	22.76	26.76	33.00	PASS
BAND2	5MHz	QPSK	19175	12RB#13	22.69	26.69	33.00	PASS
BAND2	5MHz	QPSK	19175	12RB#6	22.69	26.69	33.00	PASS
BAND2	5MHz	QPSK	19175	25RB#0	22.67	26.67	33.00	PASS
BAND2	5MHz	16QAM	18625	1RB#0	22.77	26.77	33.00	PASS
BAND2	5MHz	16QAM	18625	1RB#12	22.64	26.64	33.00	PASS
BAND2	5MHz	16QAM	18625	1RB#24	22.81	26.81	33.00	PASS
BAND2	5MHz	16QAM	18625	12RB#0	21.86	25.86	33.00	PASS
BAND2	5MHz	16QAM	18625	12RB#13	21.92	25.92	33.00	PASS
BAND2	5MHz	16QAM	18625	12RB#6	21.81	25.81	33.00	PASS
BAND2	5MHz	16QAM	18625	25RB#0	21.80	25.80	33.00	PASS
BAND2	5MHz	16QAM	18900	1RB#0	22.86	26.86	33.00	PASS
BAND2	5MHz	16QAM	18900	1RB#12	22.66	26.66	33.00	PASS
BAND2	5MHz	16QAM	18900	1RB#24	22.75	26.75	33.00	PASS
BAND2	5MHz	16QAM	18900	12RB#0	21.91	25.91	33.00	PASS
BAND2	5MHz	16QAM	18900	12RB#13	21.78	25.78	33.00	PASS

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BAND2	5MHz	16QAM	18900	12RB#6	21.77	25.77	33.00	PASS
BAND2	5MHz	16QAM	18900	25RB#0	21.79	25.79	33.00	PASS
BAND2	5MHz	16QAM	19175	1RB#0	22.68	26.68	33.00	PASS
BAND2	5MHz	16QAM	19175	1RB#12	22.69	26.69	33.00	PASS
BAND2	5MHz	16QAM	19175	1RB#24	22.52	26.52	33.00	PASS
BAND2	5MHz	16QAM	19175	12RB#0	21.83	25.83	33.00	PASS
BAND2	5MHz	16QAM	19175	12RB#13	21.70	25.70	33.00	PASS
BAND2	5MHz	16QAM	19175	12RB#6	21.86	25.86	33.00	PASS
BAND2	5MHz	16QAM	19175	25RB#0	21.68	25.68	33.00	PASS
BAND2	5MHz	64QAM	18625	1RB#0	21.98	25.98	33.00	PASS
BAND2	5MHz	64QAM	18625	1RB#12	21.97	25.97	33.00	PASS
BAND2	5MHz	64QAM	18625	1RB#24	21.84	25.84	33.00	PASS
BAND2	5MHz	64QAM	18625	12RB#0	20.91	24.91	33.00	PASS
BAND2	5MHz	64QAM	18625	12RB#13	20.91	24.91	33.00	PASS
BAND2	5MHz	64QAM	18625	12RB#6	20.82	24.82	33.00	PASS
BAND2	5MHz	64QAM	18625	25RB#0	20.89	24.89	33.00	PASS
BAND2	5MHz	64QAM	18900	1RB#0	21.88	25.88	33.00	PASS
BAND2	5MHz	64QAM	18900	1RB#12	21.83	25.83	33.00	PASS
BAND2	5MHz	64QAM	18900	1RB#24	21.85	25.85	33.00	PASS
BAND2	5MHz	64QAM	18900	12RB#0	20.96	24.96	33.00	PASS
BAND2	5MHz	64QAM	18900	12RB#13	20.84	24.84	33.00	PASS
BAND2	5MHz	64QAM	18900	12RB#6	20.88	24.88	33.00	PASS
BAND2	5MHz	64QAM	18900	25RB#0	20.96	24.96	33.00	PASS
BAND2	5MHz	64QAM	19175	1RB#0	21.84	25.84	33.00	PASS
BAND2	5MHz	64QAM	19175	1RB#12	21.84	25.84	33.00	PASS
BAND2	5MHz	64QAM	19175	1RB#24	21.55	25.55	33.00	PASS
BAND2	5MHz	64QAM	19175	12RB#0	20.98	24.98	33.00	PASS
BAND2	5MHz	64QAM	19175	12RB#13	20.96	24.96	33.00	PASS
BAND2	5MHz	64QAM	19175	12RB#6	20.89	24.89	33.00	PASS
BAND2	5MHz	64QAM	19175	25RB#0	20.89	24.89	33.00	PASS
BAND2	10MHz	QPSK	18650	1RB#0	23.73	27.73	33.00	PASS
BAND2	10MHz	QPSK	18650	1RB#24	23.65	27.65	33.00	PASS
BAND2	10MHz	QPSK	18650	1RB#49	23.64	27.64	33.00	PASS
BAND2	10MHz	QPSK	18650	25RB#0	22.68	26.68	33.00	PASS
BAND2	10MHz	QPSK	18650	25RB#12	22.64	26.64	33.00	PASS
BAND2	10MHz	QPSK	18650	25RB#25	22.63	26.63	33.00	PASS
BAND2	10MHz	QPSK	18650	50RB#0	22.64	26.64	33.00	PASS
BAND2	10MHz	QPSK	18900	1RB#0	23.79	27.79	33.00	PASS
BAND2	10MHz	QPSK	18900	1RB#24	23.74	27.74	33.00	PASS
BAND2	10MHz	QPSK	18900	1RB#49	23.70	27.70	33.00	PASS
BAND2	10MHz	QPSK	18900	25RB#0	22.68	26.68	33.00	PASS

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BAND2	10MHz	QPSK	18900	25RB#12	22.69	26.69	33.00	PASS
BAND2	10MHz	QPSK	18900	25RB#25	22.66	26.66	33.00	PASS
BAND2	10MHz	QPSK	18900	50RB#0	22.61	26.61	33.00	PASS
BAND2	10MHz	QPSK	19150	1RB#0	23.62	27.62	33.00	PASS
BAND2	10MHz	QPSK	19150	1RB#24	23.69	27.69	33.00	PASS
BAND2	10MHz	QPSK	19150	1RB#49	23.50	27.50	33.00	PASS
BAND2	10MHz	QPSK	19150	25RB#0	22.66	26.66	33.00	PASS
BAND2	10MHz	QPSK	19150	25RB#12	22.70	26.70	33.00	PASS
BAND2	10MHz	QPSK	19150	25RB#25	22.61	26.61	33.00	PASS
BAND2	10MHz	QPSK	19150	50RB#0	22.58	26.58	33.00	PASS
BAND2	10MHz	16QAM	18650	1RB#0	22.82	26.82	33.00	PASS
BAND2	10MHz	16QAM	18650	1RB#24	22.83	26.83	33.00	PASS
BAND2	10MHz	16QAM	18650	1RB#49	22.80	26.80	33.00	PASS
BAND2	10MHz	16QAM	18650	25RB#0	21.83	25.83	33.00	PASS
BAND2	10MHz	16QAM	18650	25RB#12	21.65	25.65	33.00	PASS
BAND2	10MHz	16QAM	18650	25RB#25	21.76	25.76	33.00	PASS
BAND2	10MHz	16QAM	18650	50RB#0	21.67	25.67	33.00	PASS
BAND2	10MHz	16QAM	18900	1RB#0	22.83	26.83	33.00	PASS
BAND2	10MHz	16QAM	18900	1RB#24	22.86	26.86	33.00	PASS
BAND2	10MHz	16QAM	18900	1RB#49	22.74	26.74	33.00	PASS
BAND2	10MHz	16QAM	18900	25RB#0	21.87	25.87	33.00	PASS
BAND2	10MHz	16QAM	18900	25RB#12	21.79	25.79	33.00	PASS
BAND2	10MHz	16QAM	18900	25RB#25	21.71	25.71	33.00	PASS
BAND2	10MHz	16QAM	18900	50RB#0	21.77	25.77	33.00	PASS
BAND2	10MHz	16QAM	19150	1RB#0	22.66	26.66	33.00	PASS
BAND2	10MHz	16QAM	19150	1RB#24	22.73	26.73	33.00	PASS
BAND2	10MHz	16QAM	19150	1RB#49	22.66	26.66	33.00	PASS
BAND2	10MHz	16QAM	19150	25RB#0	21.79	25.79	33.00	PASS
BAND2	10MHz	16QAM	19150	25RB#12	21.76	25.76	33.00	PASS
BAND2	10MHz	16QAM	19150	25RB#25	21.77	25.77	33.00	PASS
BAND2	10MHz	16QAM	19150	50RB#0	21.69	25.69	33.00	PASS
BAND2	10MHz	64QAM	18650	1RB#0	21.89	25.89	33.00	PASS
BAND2	10MHz	64QAM	18650	1RB#24	21.91	25.91	33.00	PASS
BAND2	10MHz	64QAM	18650	1RB#49	21.72	25.72	33.00	PASS
BAND2	10MHz	64QAM	18650	25RB#0	20.73	24.73	33.00	PASS
BAND2	10MHz	64QAM	18650	25RB#12	20.81	24.81	33.00	PASS
BAND2	10MHz	64QAM	18650	25RB#25	20.90	24.90	33.00	PASS
BAND2	10MHz	64QAM	18650	50RB#0	20.63	24.63	33.00	PASS
BAND2	10MHz	64QAM	18900	1RB#0	21.97	25.97	33.00	PASS
BAND2	10MHz	64QAM	18900	1RB#24	21.80	25.80	33.00	PASS
BAND2	10MHz	64QAM	18900	1RB#49	21.73	25.73	33.00	PASS

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BAND2	10MHz	64QAM	18900	25RB#0	20.97	24.97	33.00	PASS
BAND2	10MHz	64QAM	18900	25RB#12	20.91	24.91	33.00	PASS
BAND2	10MHz	64QAM	18900	25RB#25	20.73	24.73	33.00	PASS
BAND2	10MHz	64QAM	18900	50RB#0	20.67	24.67	33.00	PASS
BAND2	10MHz	64QAM	19150	1RB#0	21.60	25.60	33.00	PASS
BAND2	10MHz	64QAM	19150	1RB#24	21.66	25.66	33.00	PASS
BAND2	10MHz	64QAM	19150	1RB#49	21.78	25.78	33.00	PASS
BAND2	10MHz	64QAM	19150	25RB#0	20.71	24.71	33.00	PASS
BAND2	10MHz	64QAM	19150	25RB#12	20.81	24.81	33.00	PASS
BAND2	10MHz	64QAM	19150	25RB#25	20.85	24.85	33.00	PASS
BAND2	10MHz	64QAM	19150	50RB#0	20.88	24.88	33.00	PASS
BAND2	15MHz	QPSK	18675	1RB#0	23.75	27.75	33.00	PASS
BAND2	15MHz	QPSK	18675	1RB#38	23.61	27.61	33.00	PASS
BAND2	15MHz	QPSK	18675	1RB#74	23.66	27.66	33.00	PASS
BAND2	15MHz	QPSK	18675	36RB#0	22.64	26.64	33.00	PASS
BAND2	15MHz	QPSK	18675	36RB#18	22.62	26.62	33.00	PASS
BAND2	15MHz	QPSK	18675	36RB#39	22.55	26.55	33.00	PASS
BAND2	15MHz	QPSK	18675	75RB#0	22.62	26.62	33.00	PASS
BAND2	15MHz	QPSK	18900	1RB#0	23.61	27.61	33.00	PASS
BAND2	15MHz	QPSK	18900	1RB#38	23.60	27.60	33.00	PASS
BAND2	15MHz	QPSK	18900	1RB#74	23.63	27.63	33.00	PASS
BAND2	15MHz	QPSK	18900	36RB#0	22.63	26.63	33.00	PASS
BAND2	15MHz	QPSK	18900	36RB#18	22.66	26.66	33.00	PASS
BAND2	15MHz	QPSK	18900	36RB#39	22.61	26.61	33.00	PASS
BAND2	15MHz	QPSK	18900	75RB#0	22.62	26.62	33.00	PASS
BAND2	15MHz	QPSK	19125	1RB#0	23.54	27.54	33.00	PASS
BAND2	15MHz	QPSK	19125	1RB#38	23.61	27.61	33.00	PASS
BAND2	15MHz	QPSK	19125	1RB#74	23.50	27.50	33.00	PASS
BAND2	15MHz	QPSK	19125	36RB#0	22.58	26.58	33.00	PASS
BAND2	15MHz	QPSK	19125	36RB#18	22.61	26.61	33.00	PASS
BAND2	15MHz	QPSK	19125	36RB#39	22.62	26.62	33.00	PASS
BAND2	15MHz	QPSK	19125	75RB#0	22.68	26.68	33.00	PASS
BAND2	15MHz	16QAM	18675	1RB#0	22.86	26.86	33.00	PASS
BAND2	15MHz	16QAM	18675	1RB#38	22.78	26.78	33.00	PASS
BAND2	15MHz	16QAM	18675	1RB#74	22.81	26.81	33.00	PASS
BAND2	15MHz	16QAM	18675	36RB#0	21.72	25.72	33.00	PASS
BAND2	15MHz	16QAM	18675	36RB#18	21.71	25.71	33.00	PASS
BAND2	15MHz	16QAM	18675	36RB#39	21.70	25.70	33.00	PASS
BAND2	15MHz	16QAM	18675	75RB#0	21.67	25.67	33.00	PASS
BAND2	15MHz	16QAM	18900	1RB#0	22.81	26.81	33.00	PASS
BAND2	15MHz	16QAM	18900	1RB#38	22.84	26.84	33.00	PASS

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BAND2	15MHz	16QAM	18900	1RB#74	22.82	26.82	33.00	PASS
BAND2	15MHz	16QAM	18900	36RB#0	21.69	25.69	33.00	PASS
BAND2	15MHz	16QAM	18900	36RB#18	21.70	25.70	33.00	PASS
BAND2	15MHz	16QAM	18900	36RB#39	21.70	25.70	33.00	PASS
BAND2	15MHz	16QAM	18900	75RB#0	21.62	25.62	33.00	PASS
BAND2	15MHz	16QAM	19125	1RB#0	22.76	26.76	33.00	PASS
BAND2	15MHz	16QAM	19125	1RB#38	22.86	26.86	33.00	PASS
BAND2	15MHz	16QAM	19125	1RB#74	22.59	26.59	33.00	PASS
BAND2	15MHz	16QAM	19125	36RB#0	21.70	25.70	33.00	PASS
BAND2	15MHz	16QAM	19125	36RB#18	21.72	25.72	33.00	PASS
BAND2	15MHz	16QAM	19125	36RB#39	21.63	25.63	33.00	PASS
BAND2	15MHz	16QAM	19125	75RB#0	21.62	25.62	33.00	PASS
BAND2	15MHz	64QAM	18675	1RB#0	21.86	25.86	33.00	PASS
BAND2	15MHz	64QAM	18675	1RB#38	21.92	25.92	33.00	PASS
BAND2	15MHz	64QAM	18675	1RB#74	21.91	25.91	33.00	PASS
BAND2	15MHz	64QAM	18675	36RB#0	20.68	24.68	33.00	PASS
BAND2	15MHz	64QAM	18675	36RB#18	20.72	24.72	33.00	PASS
BAND2	15MHz	64QAM	18675	36RB#39	20.85	24.85	33.00	PASS
BAND2	15MHz	64QAM	18675	75RB#0	20.71	24.71	33.00	PASS
BAND2	15MHz	64QAM	18900	1RB#0	21.99	25.99	33.00	PASS
BAND2	15MHz	64QAM	18900	1RB#38	21.76	25.76	33.00	PASS
BAND2	15MHz	64QAM	18900	1RB#74	21.90	25.90	33.00	PASS
BAND2	15MHz	64QAM	18900	36RB#0	20.85	24.85	33.00	PASS
BAND2	15MHz	64QAM	18900	36RB#18	20.74	24.74	33.00	PASS
BAND2	15MHz	64QAM	18900	36RB#39	20.67	24.67	33.00	PASS
BAND2	15MHz	64QAM	18900	75RB#0	20.59	24.59	33.00	PASS
BAND2	15MHz	64QAM	19125	1RB#0	21.93	25.93	33.00	PASS
BAND2	15MHz	64QAM	19125	1RB#38	21.87	25.87	33.00	PASS
BAND2	15MHz	64QAM	19125	1RB#74	21.73	25.73	33.00	PASS
BAND2	15MHz	64QAM	19125	36RB#0	20.88	24.88	33.00	PASS
BAND2	15MHz	64QAM	19125	36RB#18	20.73	24.73	33.00	PASS
BAND2	15MHz	64QAM	19125	36RB#39	20.58	24.58	33.00	PASS
BAND2	15MHz	64QAM	19125	75RB#0	20.73	24.73	33.00	PASS
BAND2	20MHz	QPSK	18700	1RB#0	23.80	27.80	33.00	PASS
BAND2	20MHz	QPSK	18700	1RB#49	23.61	27.61	33.00	PASS
BAND2	20MHz	QPSK	18700	1RB#99	23.82	27.82	33.00	PASS
BAND2	20MHz	QPSK	18700	50RB#0	22.66	26.66	33.00	PASS
BAND2	20MHz	QPSK	18700	50RB#25	22.61	26.61	33.00	PASS
BAND2	20MHz	QPSK	18700	50RB#50	22.64	26.64	33.00	PASS
BAND2	20MHz	QPSK	18700	100RB#0	22.66	26.66	33.00	PASS
BAND2	20MHz	QPSK	18900	1RB#0	23.80	27.80	33.00	PASS

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BAND2	20MHz	QPSK	18900	1RB#49	23.74	27.74	33.00	PASS
BAND2	20MHz	QPSK	18900	1RB#99	23.66	27.66	33.00	PASS
BAND2	20MHz	QPSK	18900	50RB#0	22.70	26.70	33.00	PASS
BAND2	20MHz	QPSK	18900	50RB#25	22.63	26.63	33.00	PASS
BAND2	20MHz	QPSK	18900	50RB#50	22.69	26.69	33.00	PASS
BAND2	20MHz	QPSK	18900	100RB#0	22.68	26.68	33.00	PASS
BAND2	20MHz	QPSK	19100	1RB#0	23.58	27.58	33.00	PASS
BAND2	20MHz	QPSK	19100	1RB#49	23.58	27.58	33.00	PASS
BAND2	20MHz	QPSK	19100	1RB#99	23.66	27.66	33.00	PASS
BAND2	20MHz	QPSK	19100	50RB#0	22.58	26.58	33.00	PASS
BAND2	20MHz	QPSK	19100	50RB#25	22.62	26.62	33.00	PASS
BAND2	20MHz	QPSK	19100	50RB#50	22.69	26.69	33.00	PASS
BAND2	20MHz	QPSK	19100	100RB#0	22.73	26.73	33.00	PASS
BAND2	20MHz	16QAM	18700	1RB#0	22.77	26.77	33.00	PASS
BAND2	20MHz	16QAM	18700	1RB#49	22.54	26.54	33.00	PASS
BAND2	20MHz	16QAM	18700	1RB#99	22.91	26.91	33.00	PASS
BAND2	20MHz	16QAM	18700	50RB#0	21.78	25.78	33.00	PASS
BAND2	20MHz	16QAM	18700	50RB#25	21.73	25.73	33.00	PASS
BAND2	20MHz	16QAM	18700	50RB#50	21.47	25.47	33.00	PASS
BAND2	20MHz	16QAM	18700	100RB#0	21.81	25.81	33.00	PASS
BAND2	20MHz	16QAM	18900	1RB#0	22.76	26.76	33.00	PASS
BAND2	20MHz	16QAM	18900	1RB#49	22.74	26.74	33.00	PASS
BAND2	20MHz	16QAM	18900	1RB#99	22.57	26.57	33.00	PASS
BAND2	20MHz	16QAM	18900	50RB#0	21.90	25.90	33.00	PASS
BAND2	20MHz	16QAM	18900	50RB#25	21.71	25.71	33.00	PASS
BAND2	20MHz	16QAM	18900	50RB#50	21.63	25.63	33.00	PASS
BAND2	20MHz	16QAM	18900	100RB#0	21.87	25.87	33.00	PASS
BAND2	20MHz	16QAM	19100	1RB#0	22.54	26.54	33.00	PASS
BAND2	20MHz	16QAM	19100	1RB#49	22.65	26.65	33.00	PASS
BAND2	20MHz	16QAM	19100	1RB#99	22.83	26.83	33.00	PASS
BAND2	20MHz	16QAM	19100	50RB#0	21.76	25.76	33.00	PASS
BAND2	20MHz	16QAM	19100	50RB#25	21.48	25.48	33.00	PASS
BAND2	20MHz	16QAM	19100	50RB#50	21.73	25.73	33.00	PASS
BAND2	20MHz	16QAM	19100	100RB#0	21.79	25.79	33.00	PASS
BAND2	20MHz	64QAM	18700	1RB#0	21.86	25.86	33.00	PASS
BAND2	20MHz	64QAM	18700	1RB#49	21.71	25.71	33.00	PASS
BAND2	20MHz	64QAM	18700	1RB#99	21.85	25.85	33.00	PASS
BAND2	20MHz	64QAM	18700	50RB#0	20.80	24.80	33.00	PASS
BAND2	20MHz	64QAM	18700	50RB#25	20.76	24.76	33.00	PASS
BAND2	20MHz	64QAM	18700	50RB#50	20.65	24.65	33.00	PASS
BAND2	20MHz	64QAM	18700	100RB#0	20.79	24.79	33.00	PASS

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BAND2	20MHz	64QAM	18900	1RB#0	21.90	25.90	33.00	PASS
BAND2	20MHz	64QAM	18900	1RB#49	21.81	25.81	33.00	PASS
BAND2	20MHz	64QAM	18900	1RB#99	21.62	25.62	33.00	PASS
BAND2	20MHz	64QAM	18900	50RB#0	20.85	24.85	33.00	PASS
BAND2	20MHz	64QAM	18900	50RB#25	20.73	24.73	33.00	PASS
BAND2	20MHz	64QAM	18900	50RB#50	20.63	24.63	33.00	PASS
BAND2	20MHz	64QAM	18900	100RB#0	20.87	24.87	33.00	PASS
BAND2	20MHz	64QAM	19100	1RB#0	21.59	25.59	33.00	PASS
BAND2	20MHz	64QAM	19100	1RB#49	21.81	25.81	33.00	PASS
BAND2	20MHz	64QAM	19100	1RB#99	21.94	25.94	33.00	PASS
BAND2	20MHz	64QAM	19100	50RB#0	20.81	24.81	33.00	PASS
BAND2	20MHz	64QAM	19100	50RB#25	20.39	24.39	33.00	PASS
BAND2	20MHz	64QAM	19100	50RB#50	20.70	24.70	33.00	PASS
BAND2	20MHz	64QAM	19100	100RB#0	20.95	24.95	33.00	PASS

Note:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level

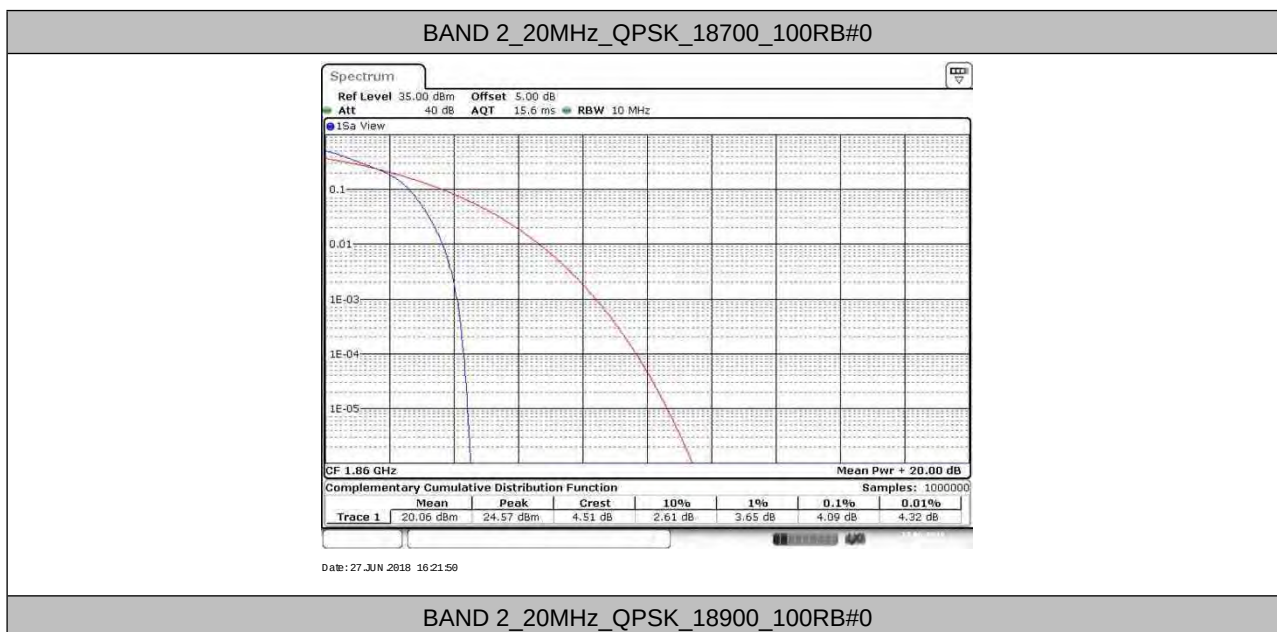


2. Peak-to-Average Ratio(CCDF)

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND 2	20MHz	QPSK	18700	100RB#0	4.09	13	PASS
			18900	100RB#0	4.00	13	PASS
			19100	100RB#0	3.91	13	PASS
		16QAM	18700	100RB#0	5.57	13	PASS
			18900	100RB#0	5.36	13	PASS
			19100	100RB#0	5.36	13	PASS
		64QAM	18700	100RB#0	4.55	13	PASS
			18900	100RB#0	5.68	13	PASS
			19100	100RB#0	5.74	13	PASS

1.2. Test Plots

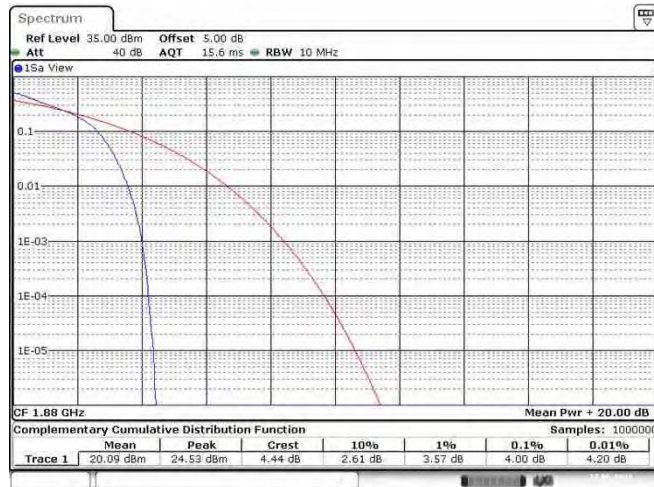




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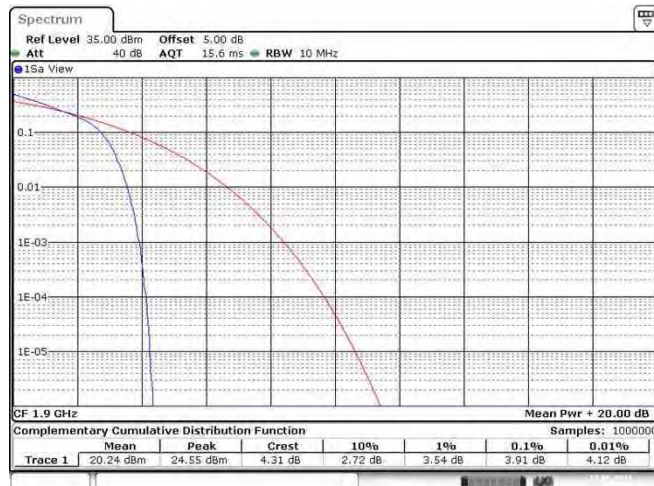
Report No.: SZEM180500437001

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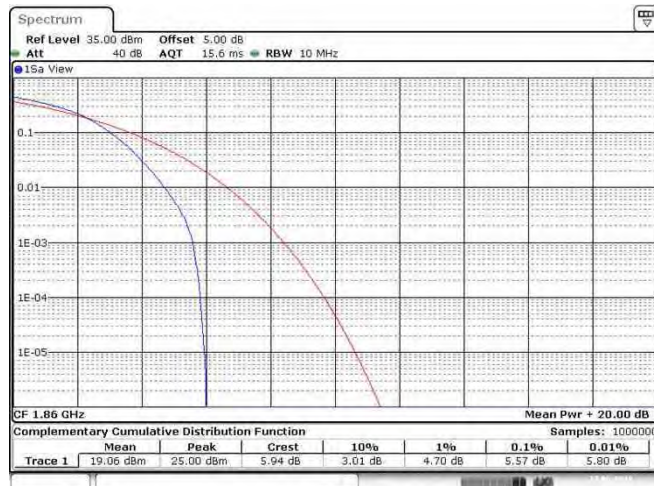
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BAND 2_20MHz_QPSK_19100_100RB#0



Date: 27 JUN 2018 16:22:42

BAND 2_20MHz_16QAM_18700_100RB#0



Date: 27 JUN 2018 16:21:58

BAND 2_20MHz_16QAM_18900_100RB#0

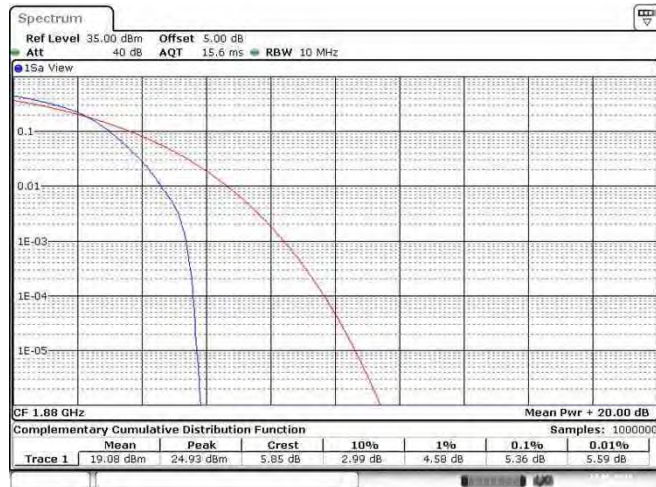
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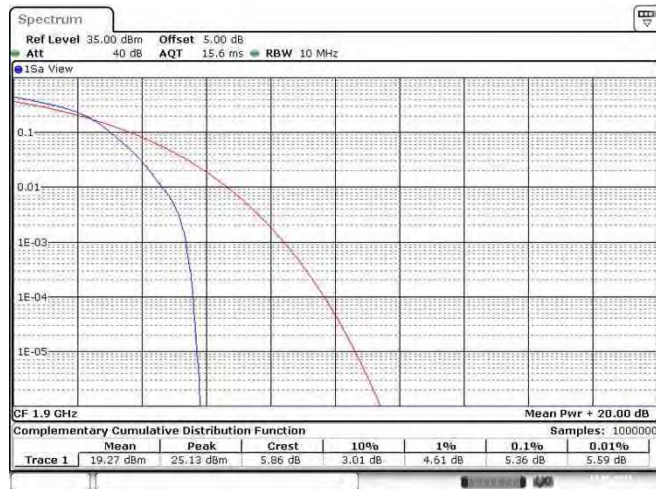
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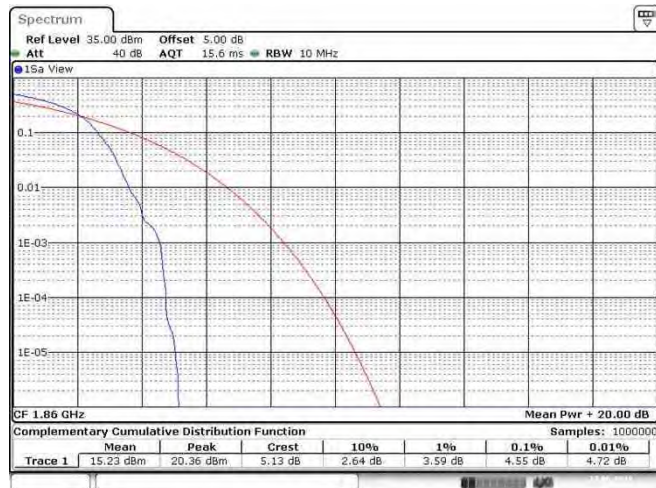
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BAND 2_20MHz_64QAM_18900_100RB#0

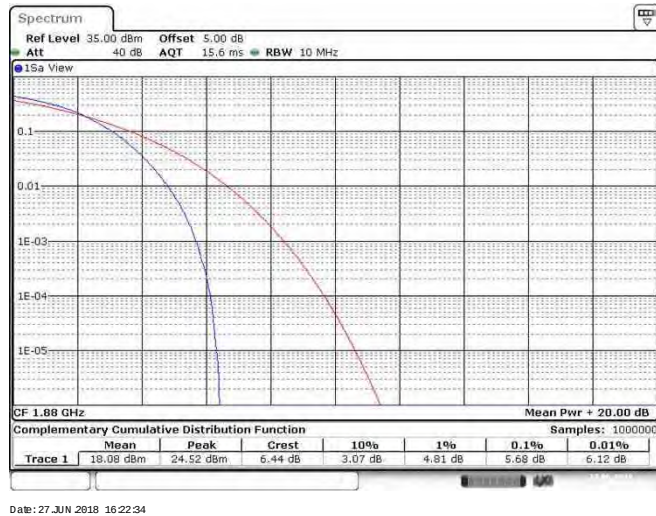
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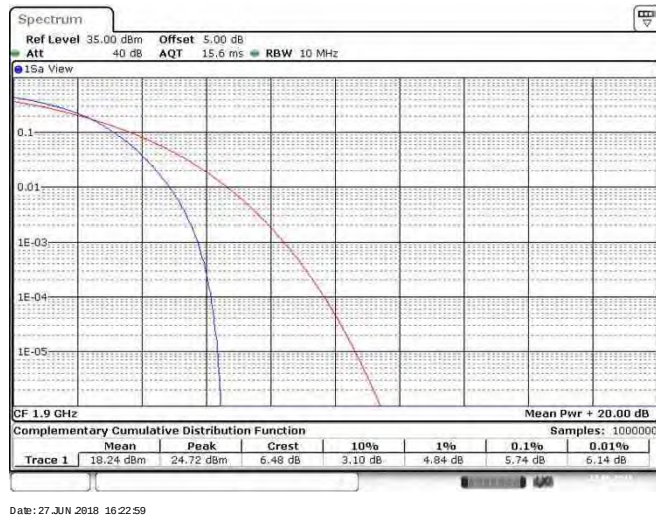
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BAND 2_20MHz_64QAM_19100_100RB#0

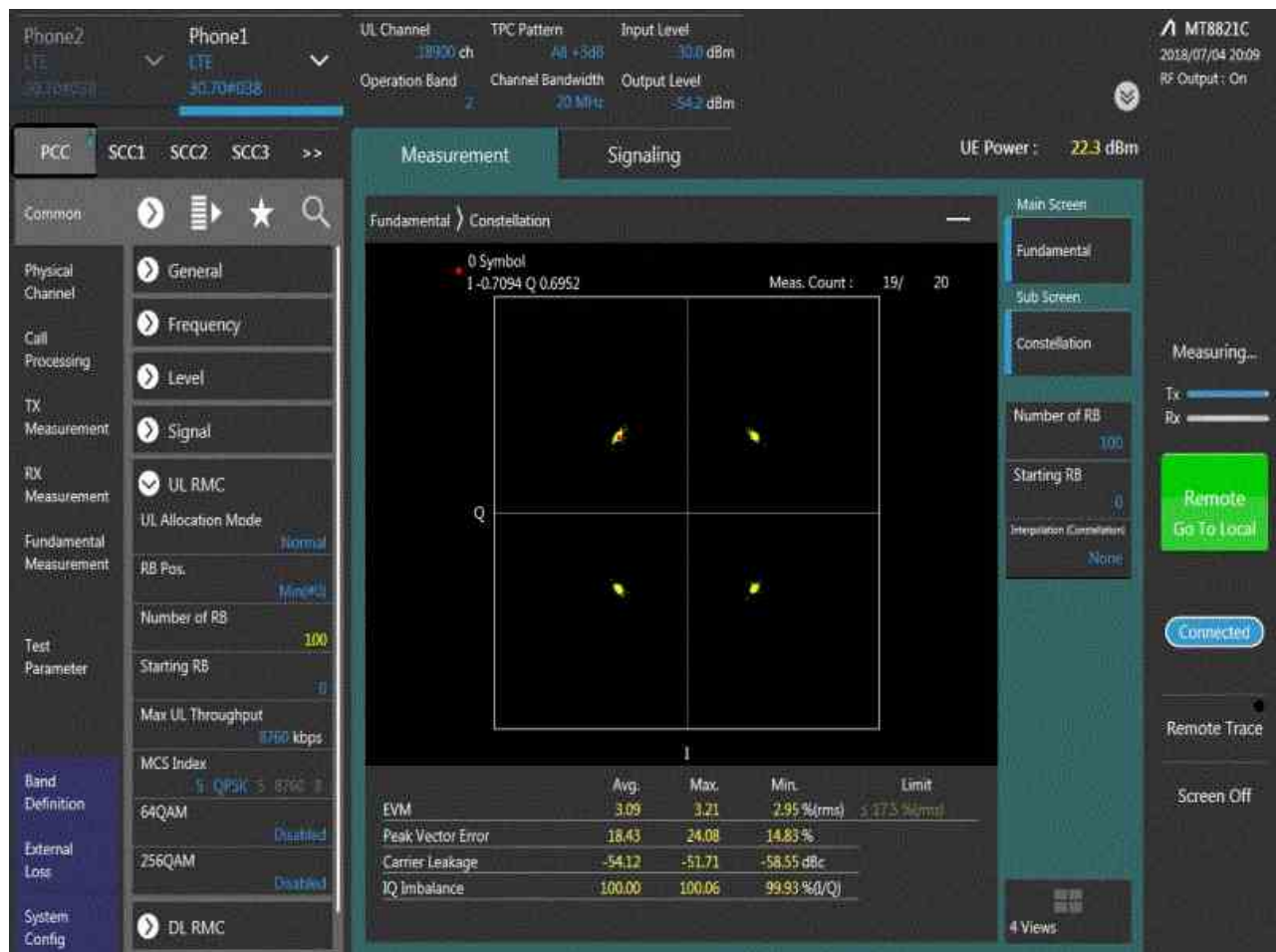


3. Modulation Characteristics

2.1. Test BAND = LTE BAND2

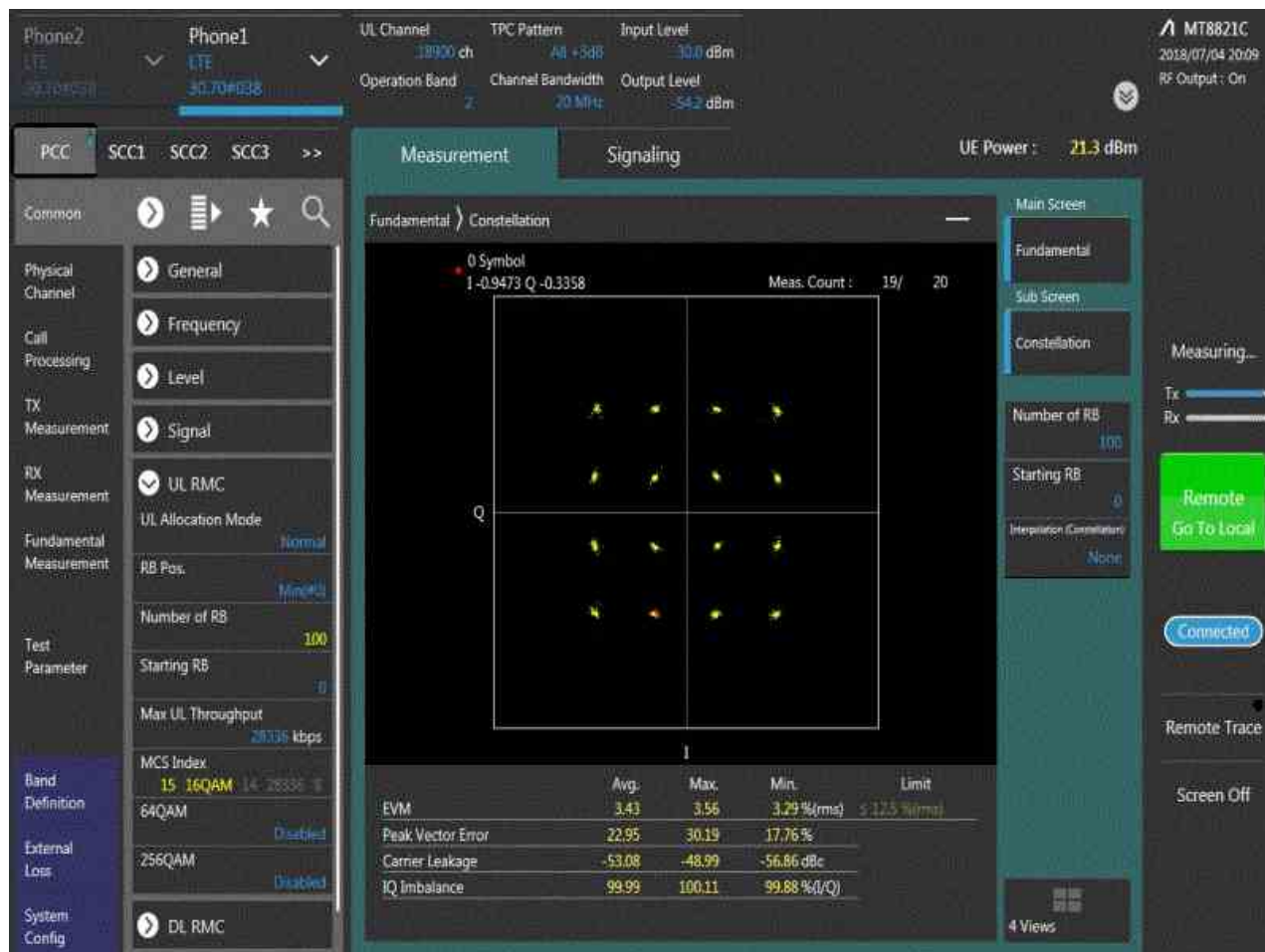
2.1.1. Test Mode = LTE /TM1 20MHz

2.1.1.1. Test Channel = MCH



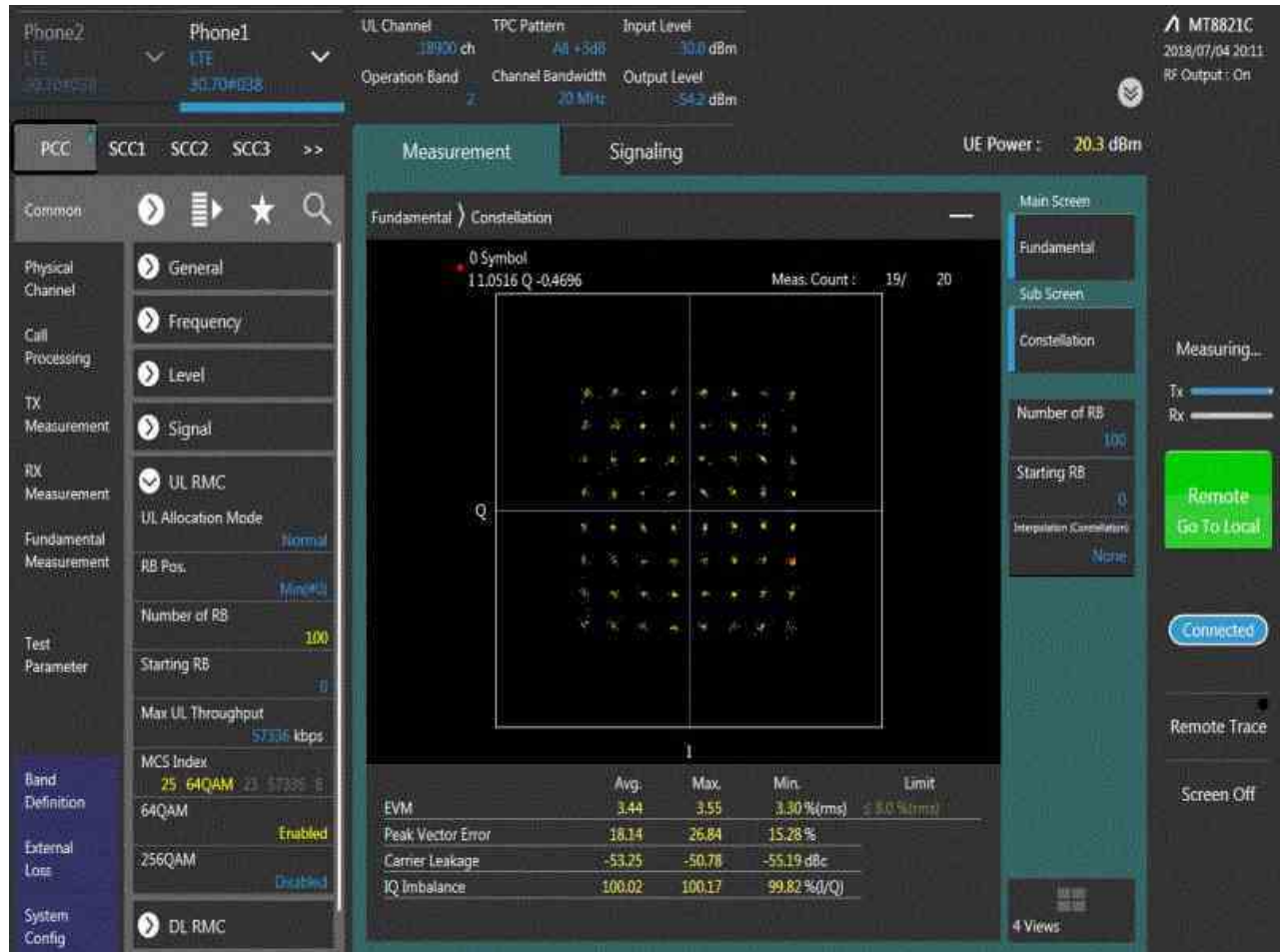
2.1.2. Test Mode = LTE /TM2 20MHz

2.1.2.1. Test Channel = MCH



2.1.3. Test Mode = LTE /TM3 20MHz

2.1.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

3.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND2	1.4MHz	QPSK	18607	6RB#0	1.103	1.254	PASS
			18900	6RB#0	1.103	1.260	PASS
			19193	6RB#0	1.103	1.254	PASS
		64QAM	18607	6RB#0	1.103	1.272	PASS
			18900	6RB#0	1.106	1.257	PASS
			19193	6RB#0	1.103	1.263	PASS
		16QAM	18607	6RB#0	1.106	1.245	PASS
			18900	6RB#0	1.106	1.257	PASS
			19193	6RB#0	1.109	1.257	PASS
	3MHz	QPSK	18615	15RB#0	2.709	3.000	PASS
			18900	15RB#0	2.709	3.000	PASS
			19185	15RB#0	2.721	3.000	PASS
		64QAM	18615	15RB#0	2.709	2.994	PASS
			18900	15RB#0	2.703	3.006	PASS
			19185	15RB#0	2.703	2.994	PASS
		16QAM	18615	15RB#0	2.703	2.988	PASS
			18900	15RB#0	2.709	2.988	PASS
			19185	15RB#0	2.709	2.994	PASS
	5MHz	QPSK	18625	25RB#0	4.476	4.930	PASS
			18900	25RB#0	4.476	4.910	PASS
			19175	25RB#0	4.476	4.900	PASS
		64QAM	18625	25RB#0	4.476	4.900	PASS
			18900	25RB#0	4.476	4.900	PASS
			19175	25RB#0	4.486	4.920	PASS
		16QAM	18625	25RB#0	4.476	4.910	PASS
			18900	25RB#0	4.486	4.890	PASS
			19175	25RB#0	4.486	4.920	PASS
	10MHz	QPSK	18650	50RB#0	8.971	10.400	PASS
			18900	50RB#0	8.971	10.340	PASS
			19150	50RB#0	8.951	10.280	PASS
		64QAM	18650	50RB#0	8.991	10.380	PASS
			18900	50RB#0	8.971	10.400	PASS
			19150	50RB#0	8.971	10.400	PASS



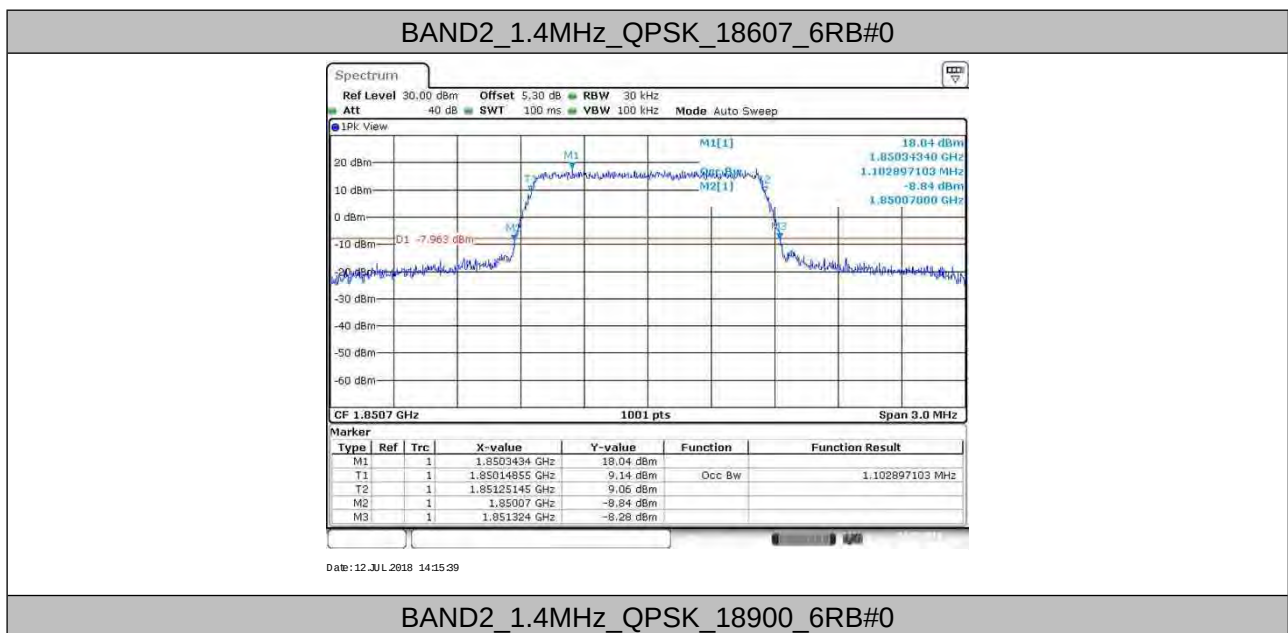
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	15MHz	16QAM	18650	50RB#0	8.971	10.300	PASS
			18900	50RB#0	8.971	10.380	PASS
			19150	50RB#0	8.971	10.340	PASS
		QPSK	18675	75RB#0	13.546	15.900	PASS
			18900	75RB#0	13.52	15.810	PASS
			19125	75RB#0	13.516	15.870	PASS
		64QAM	18675	75RB#0	13.546	15.810	PASS
			18900	75RB#0	13.546	15.510	PASS
			19125	75RB#0	13.487	15.600	PASS
	20MHz	16QAM	18675	75RB#0	13.546	16.020	PASS
			18900	75RB#0	13.546	15.930	PASS
			19125	75RB#0	13.546	15.630	PASS
		QPSK	18700	100RB#0	17.982	20.080	PASS
			18900	100RB#0	17.942	20.120	PASS
			19100	100RB#0	17.902	20.000	PASS
		64QAM	18700	100RB#0	17.940	20.120	PASS
			18900	100RB#0	17.942	20.120	PASS
			19100	100RB#0	17.902	20.080	PASS
		16QAM	18700	100RB#0	17.942	20.040	PASS
			18900	100RB#0	17.942	20.080	PASS
			19100	100RB#0	17.942	19.920	PASS

3.2. Test Plots

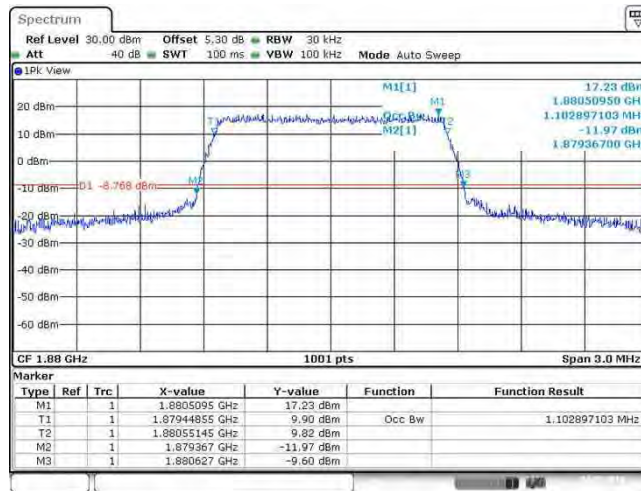




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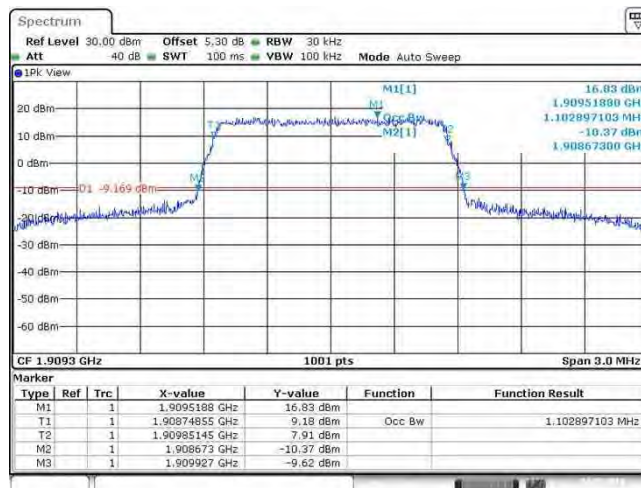
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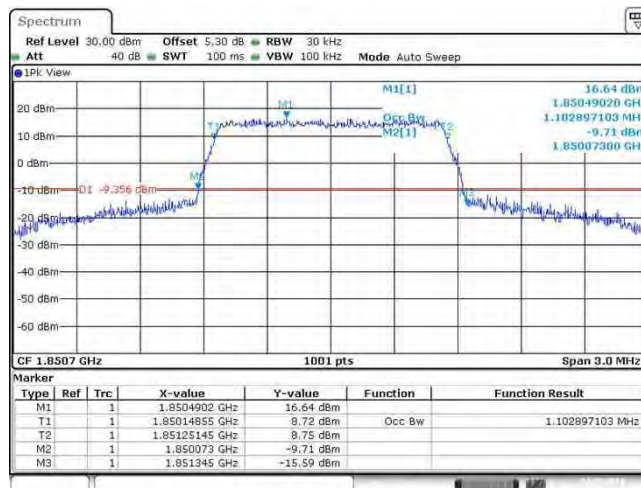
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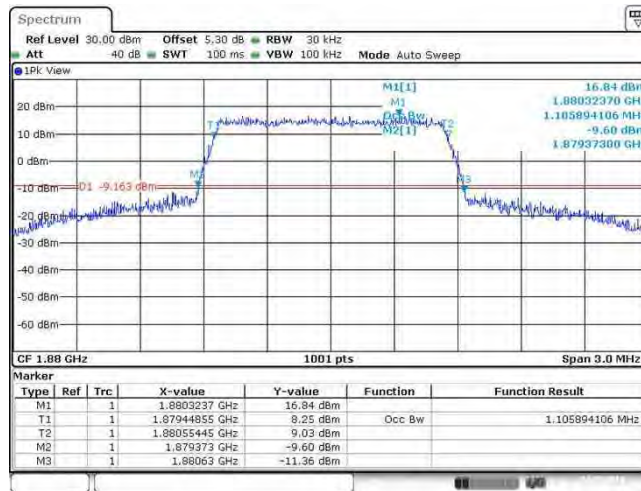
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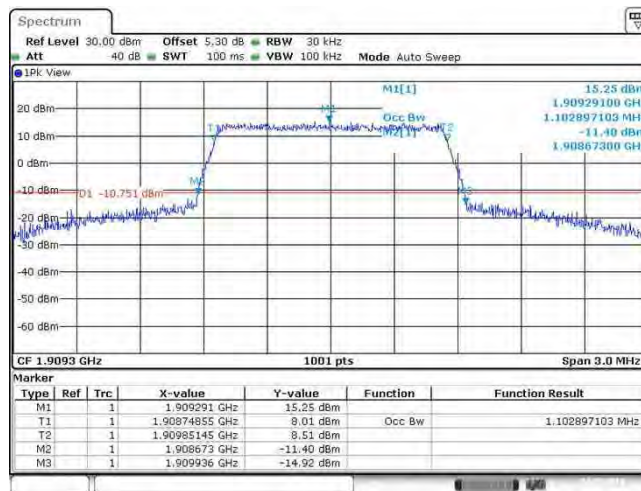
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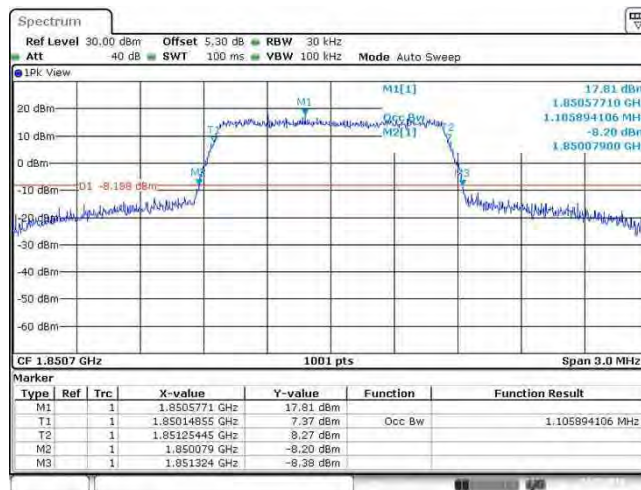
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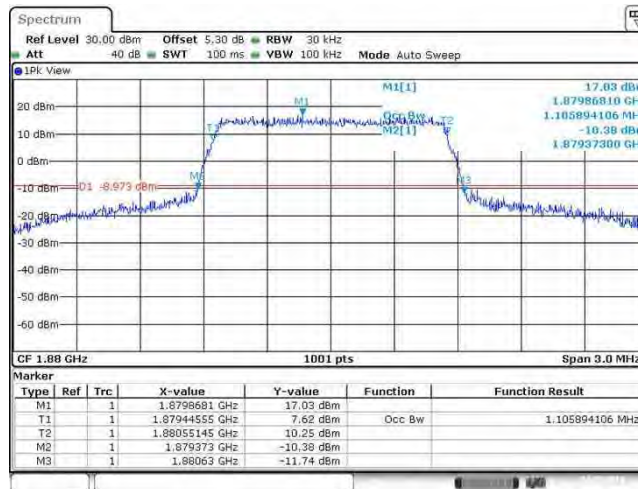
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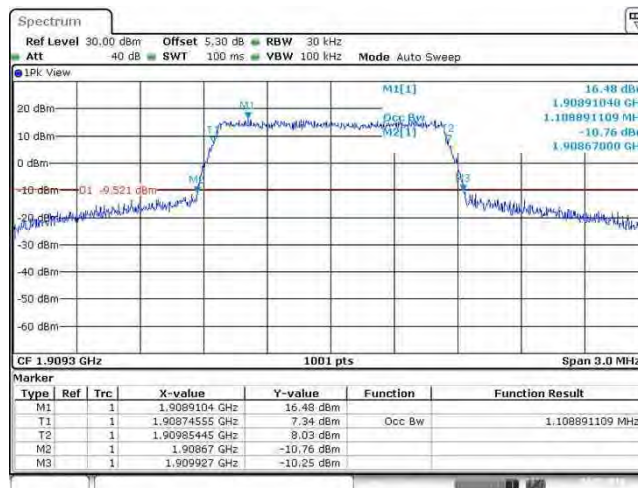
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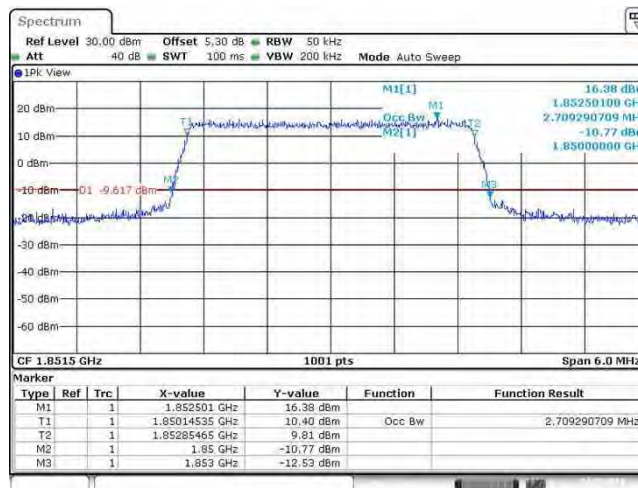
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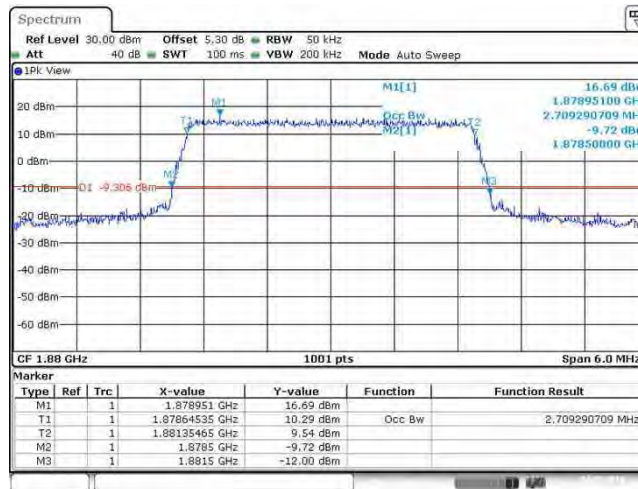
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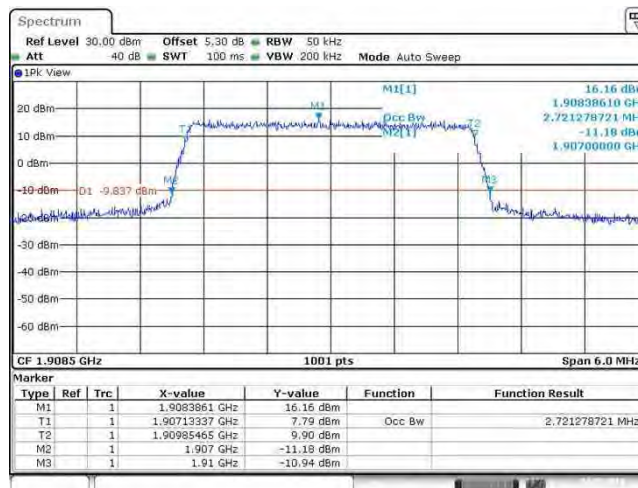
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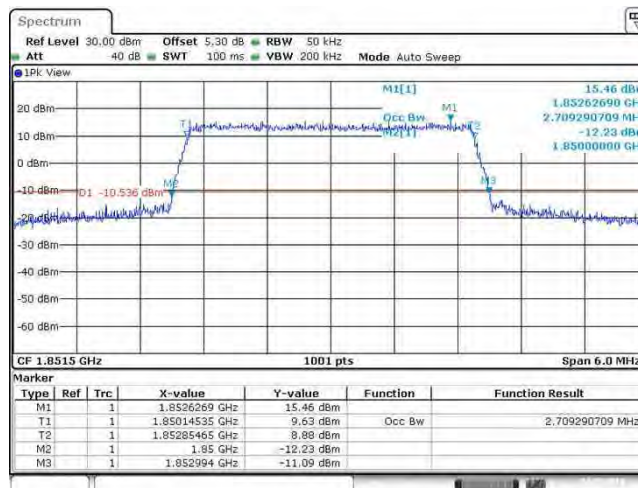
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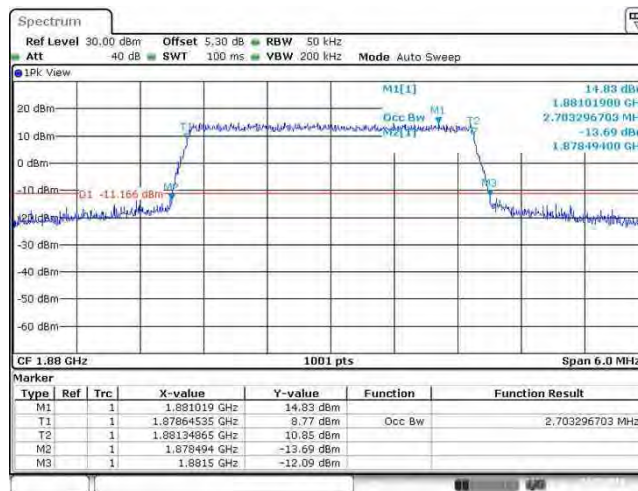
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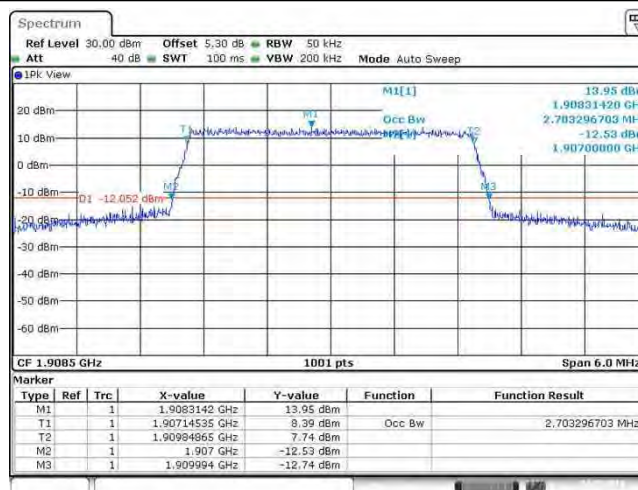
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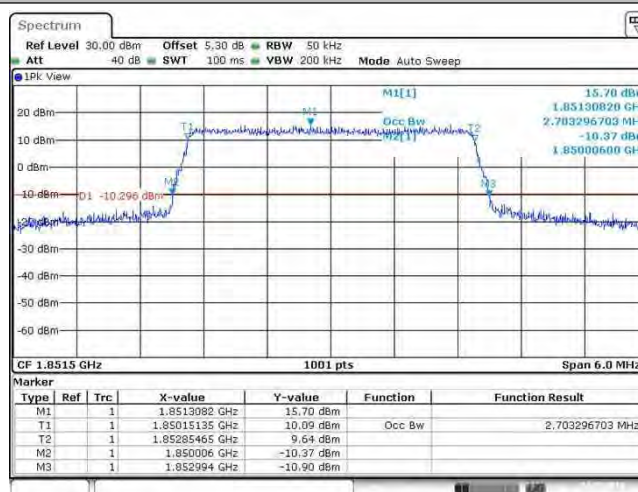
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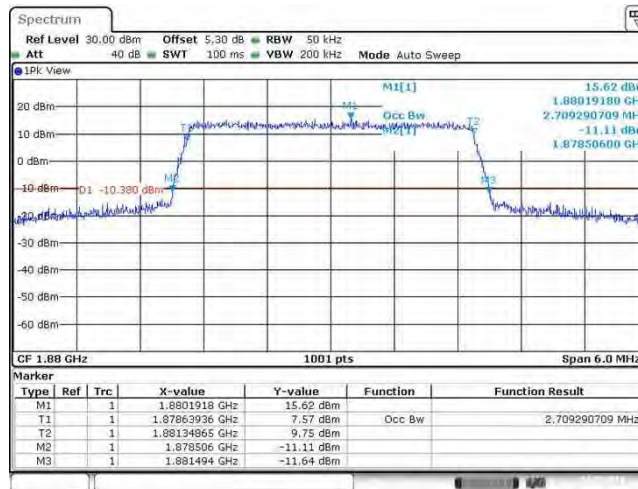
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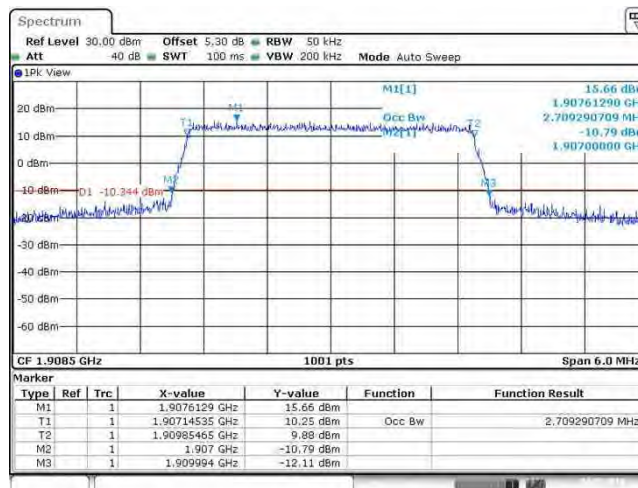
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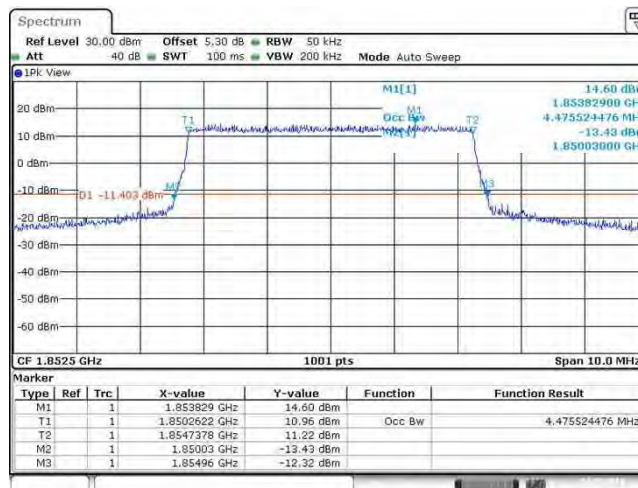
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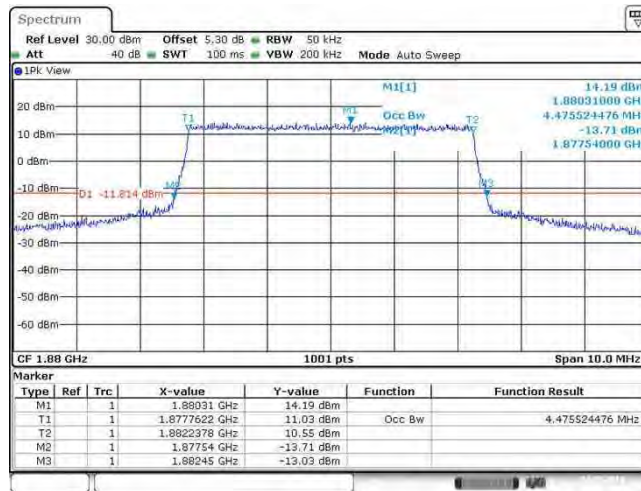
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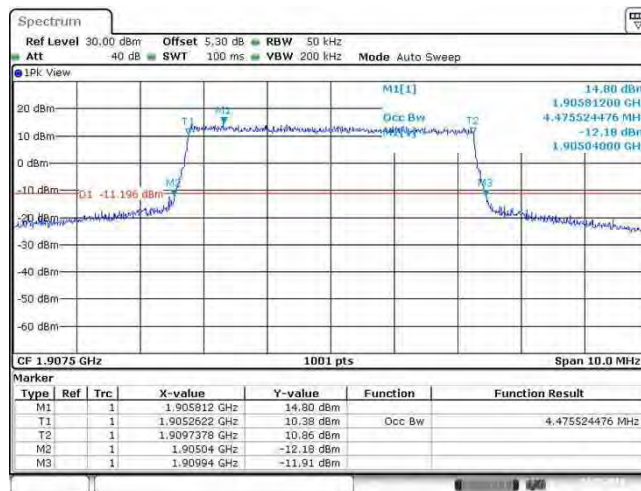
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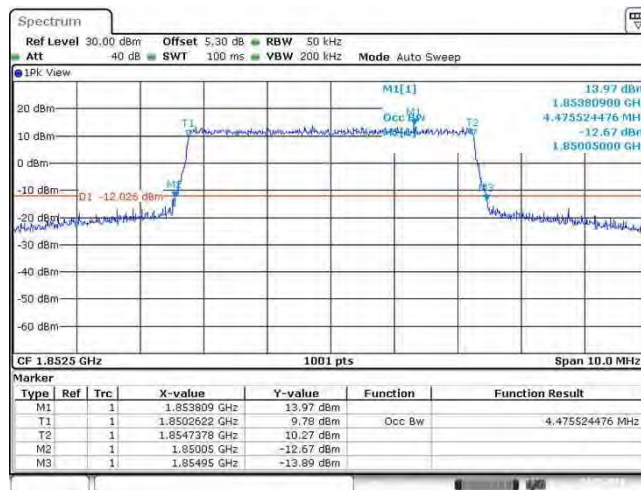
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BAND2_5MHz_64QAM_18625_25RB#0



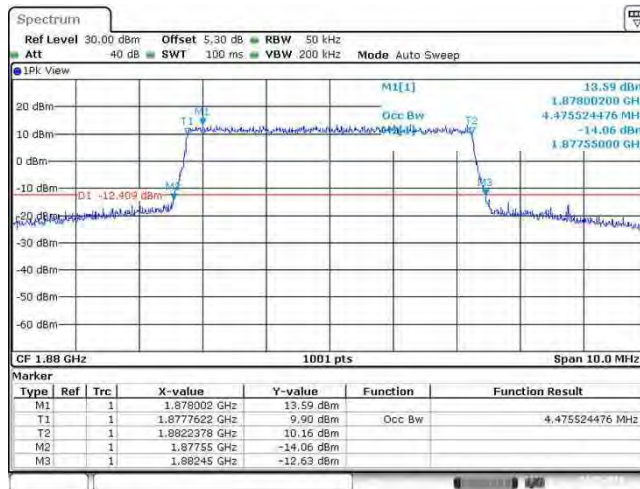
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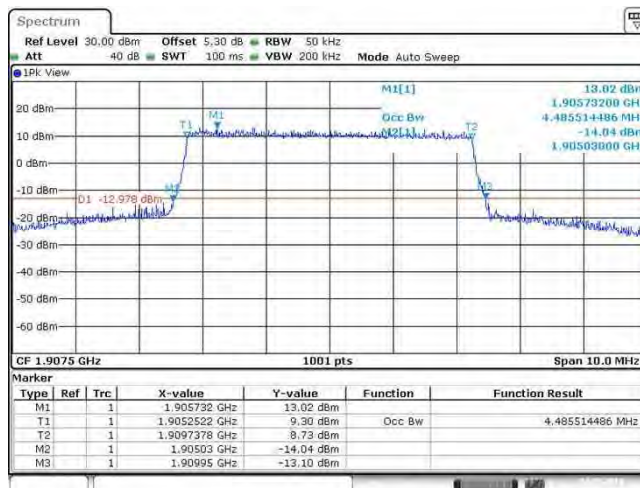
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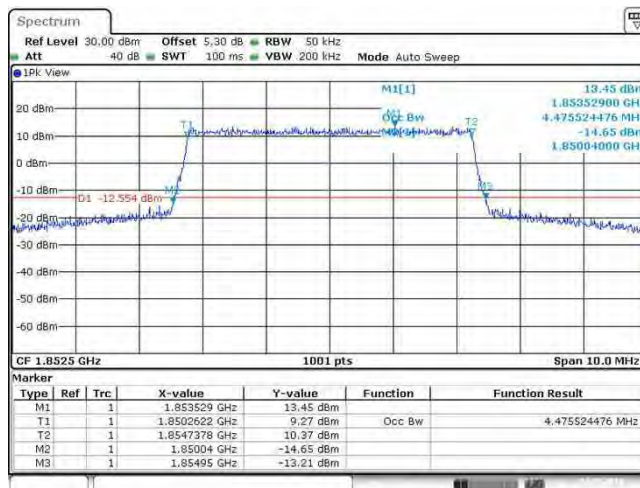
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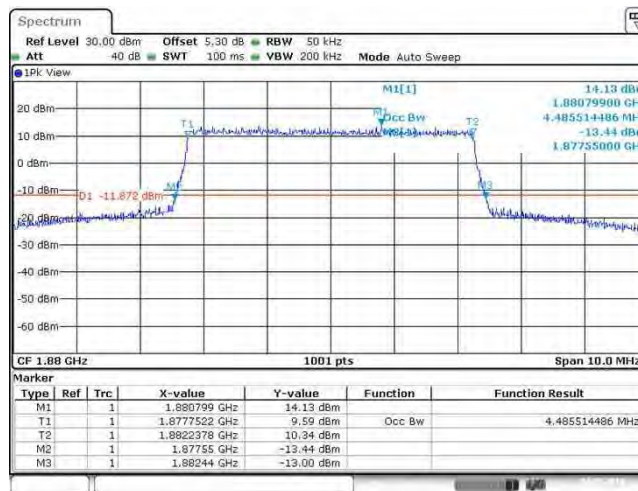
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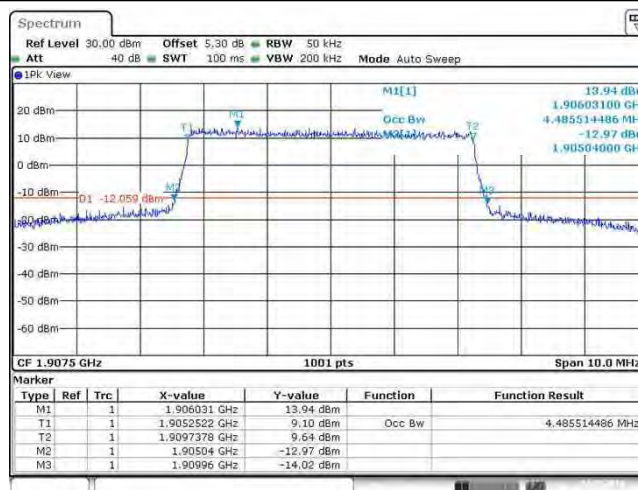
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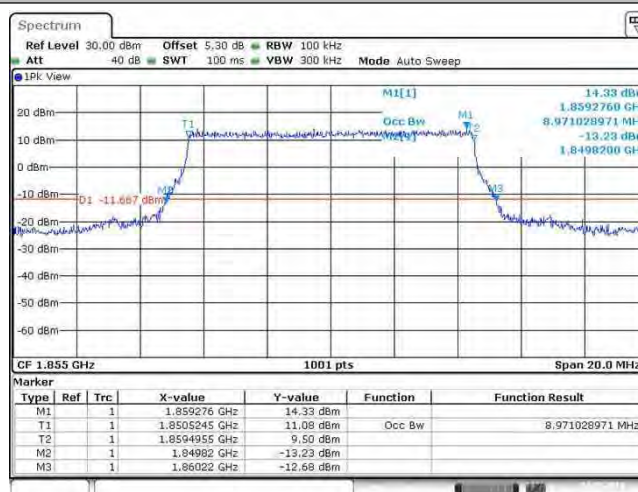
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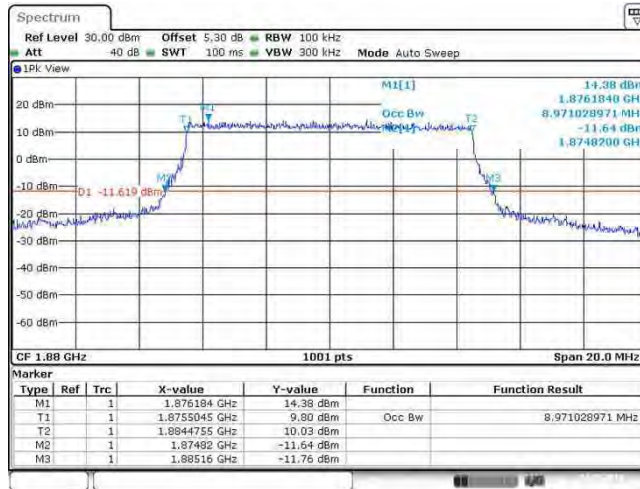
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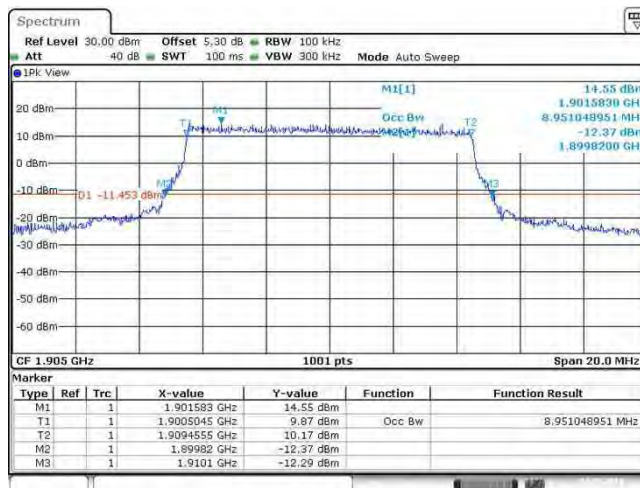
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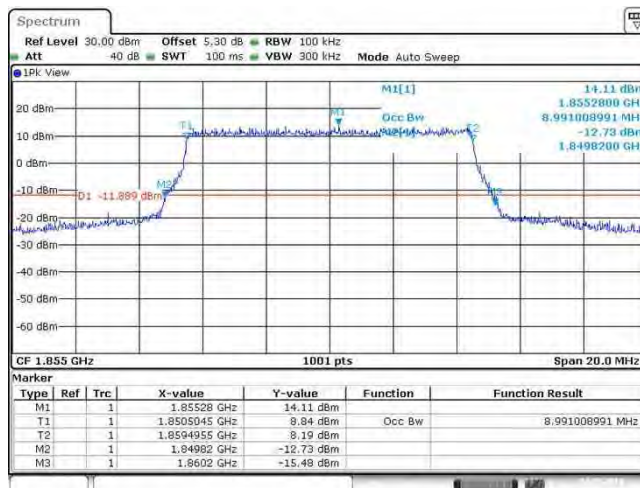
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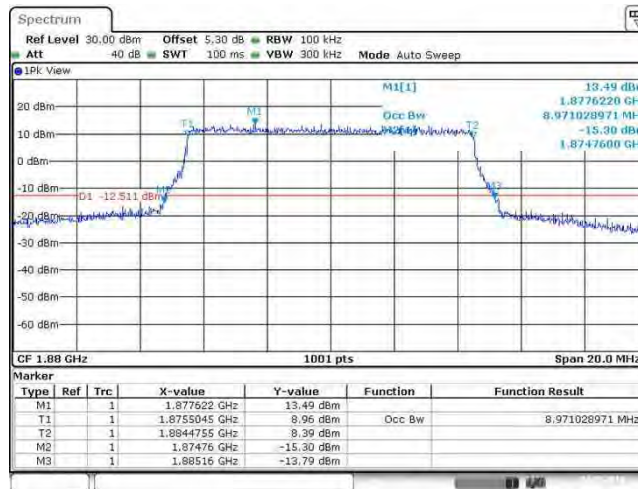
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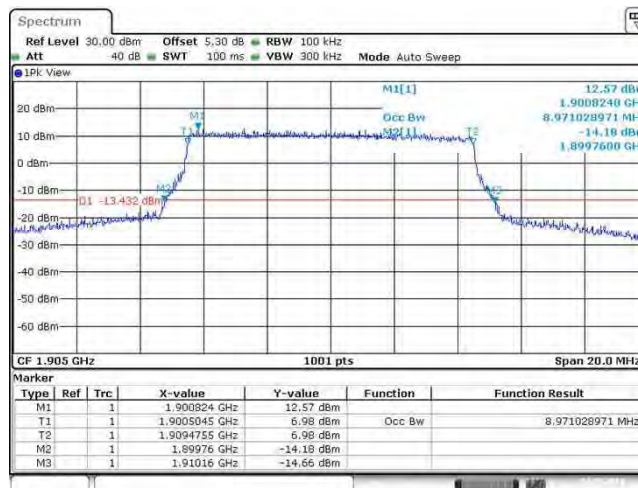
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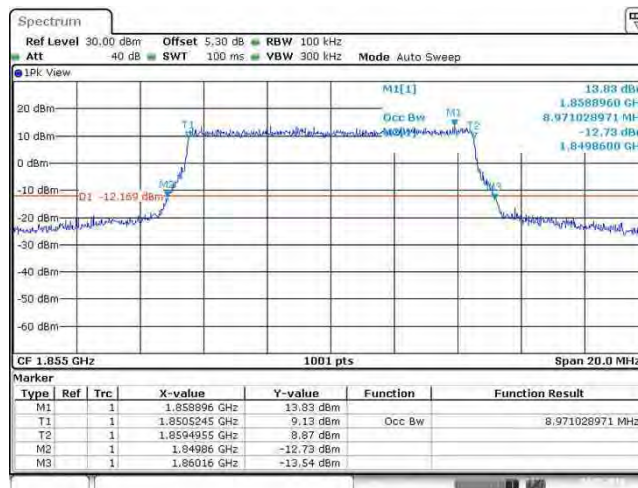
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Date: 12 JUL 2018 14:24:26

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Date: 12 JUL 2018 14:22:51

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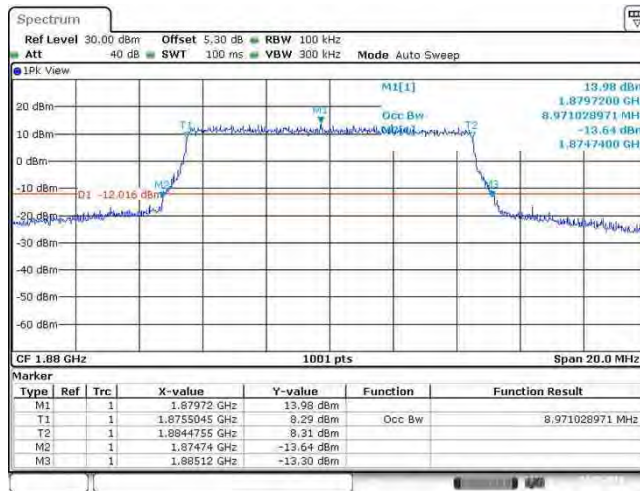
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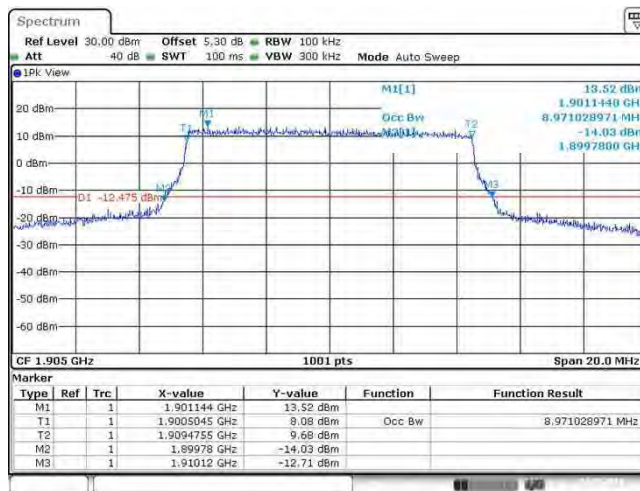
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Report No.: SZEM180500437001

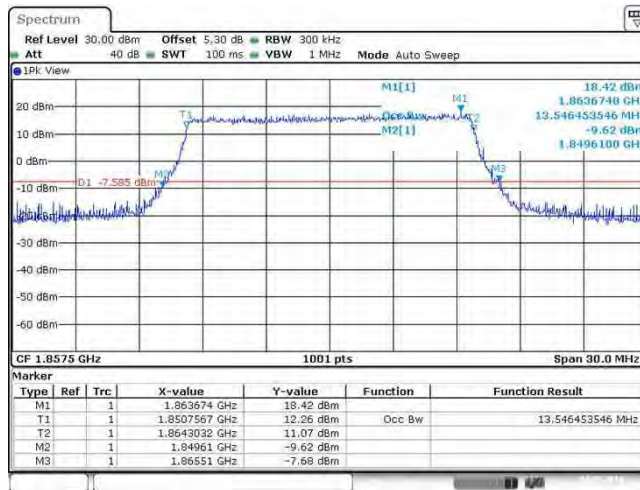
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BAND2_10MHz_16QAM_19150_50RB#0



BAND2_15MHz_QPSK_18675_75RB#0



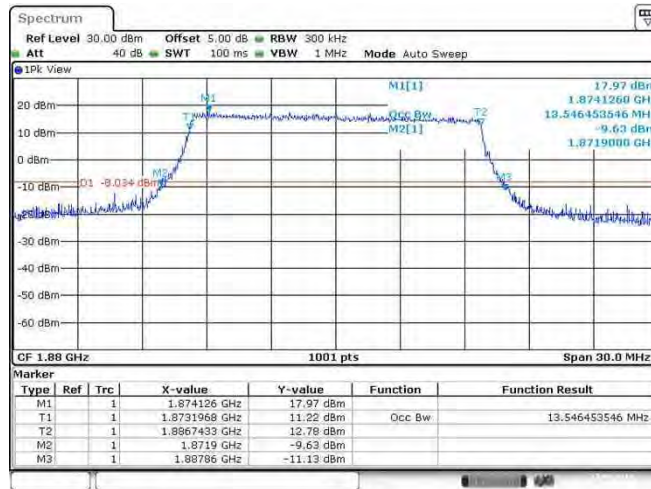
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

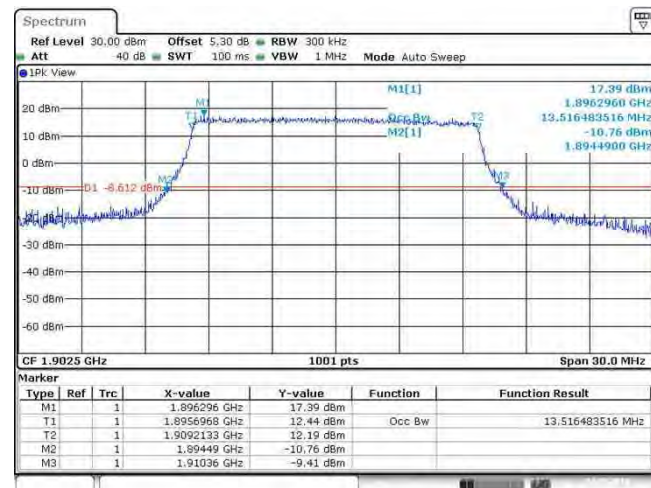
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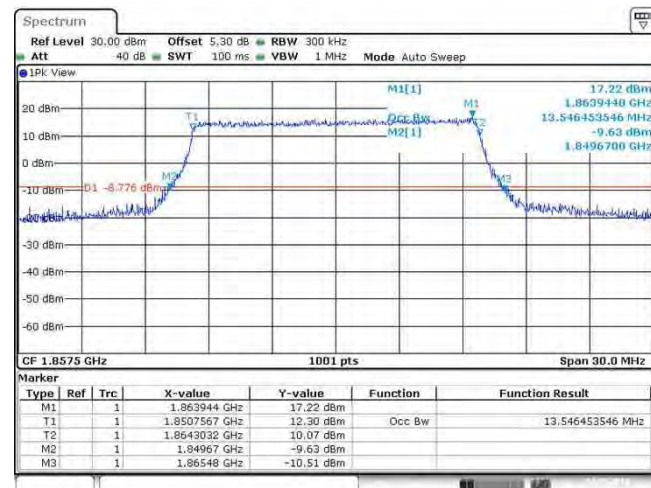
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Date: 12 JUL 2018 14:25:12

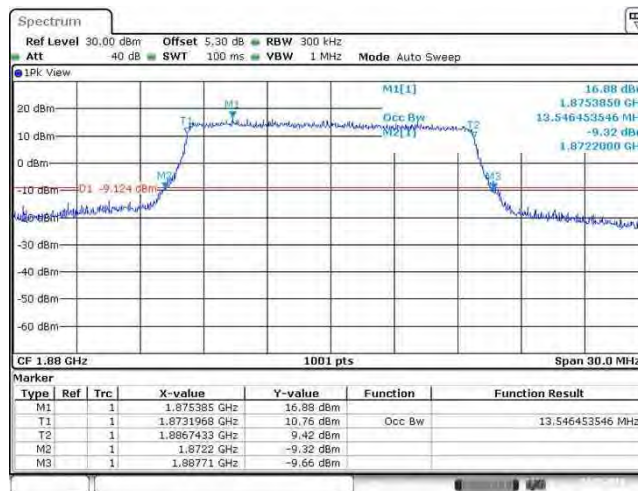
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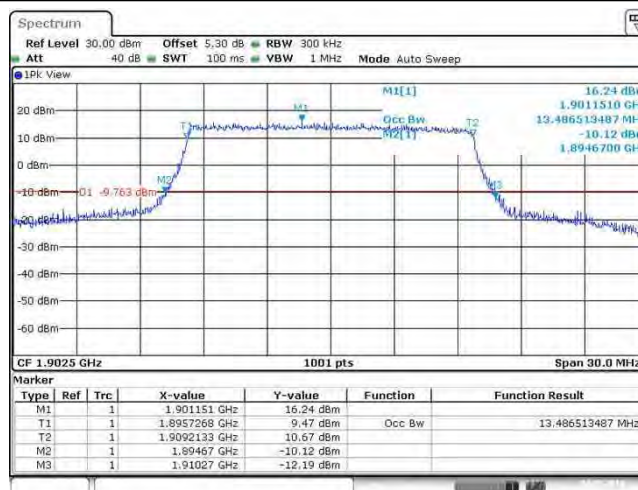
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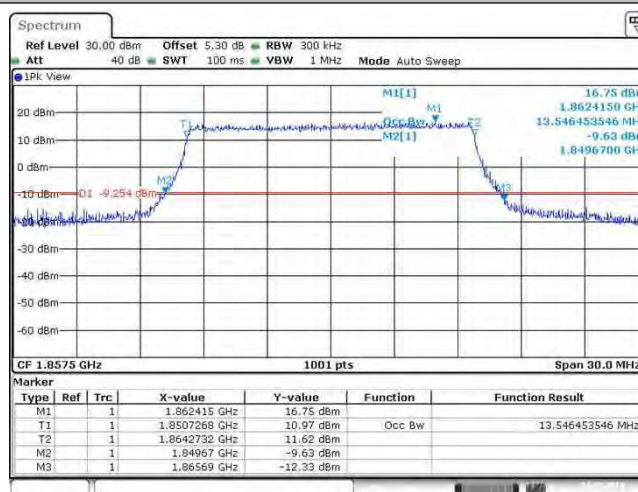
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Date: 12 JUL 2018 14:25:00

BAND2_15MHz_16QAM_18900_75RB#0

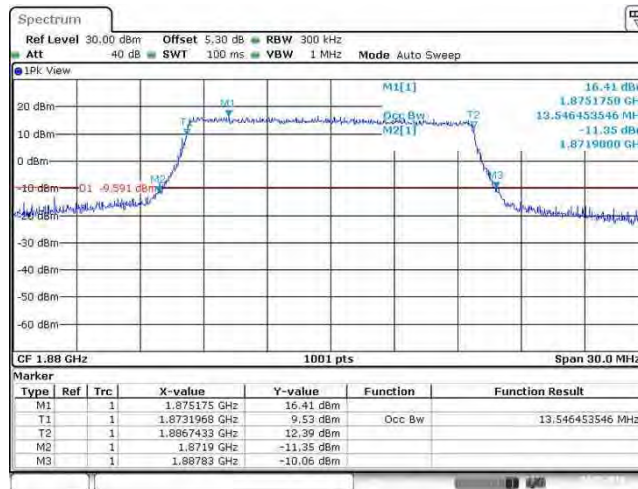
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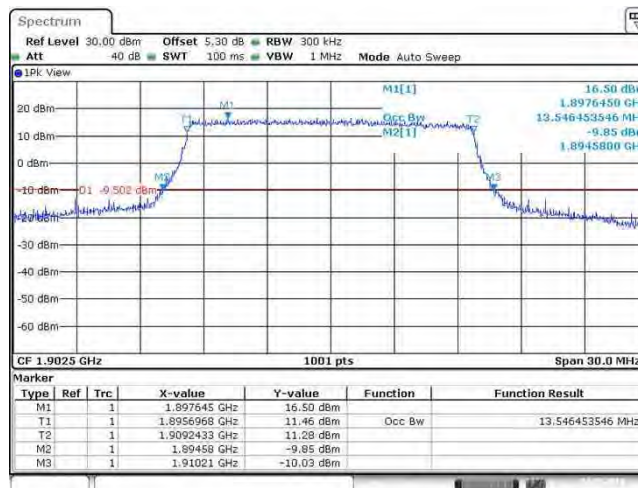
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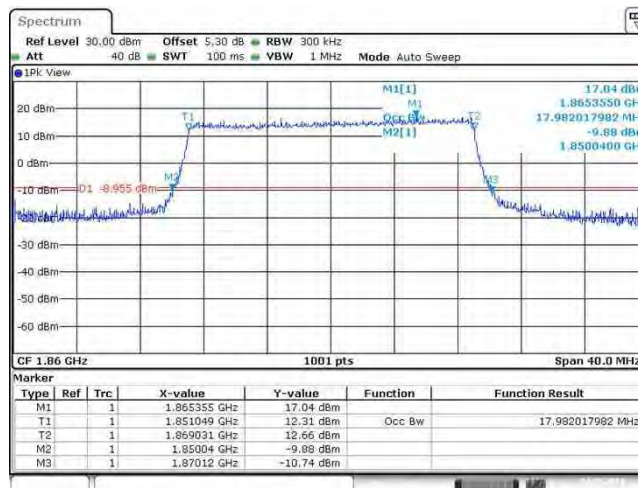
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Date: 12 JUL 2018 14:28:12

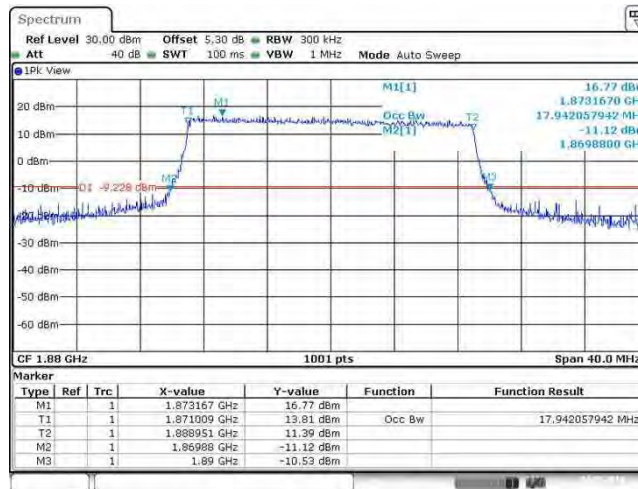
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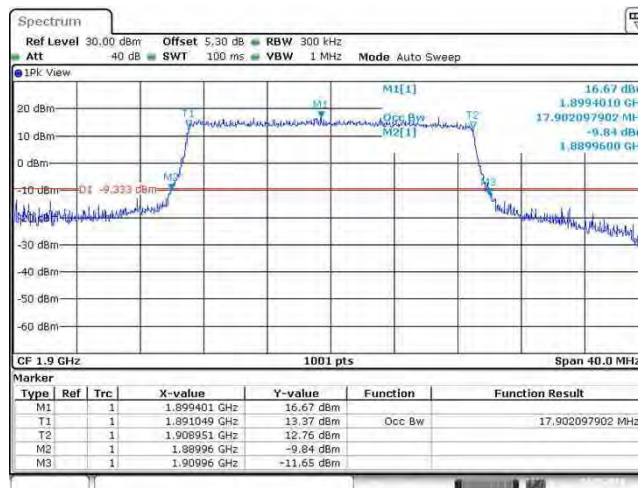
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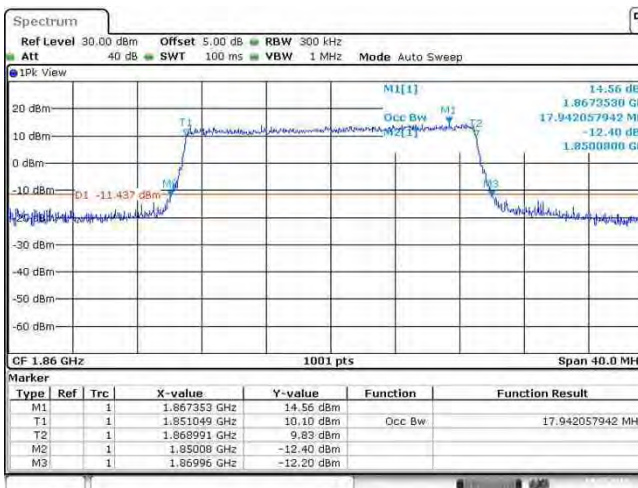
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Date: 12 JUL 2018 14:30:30

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Date: 19 JUL 2018 15:25:27

BAND2_20MHz_64QAM_18900_100RB#0

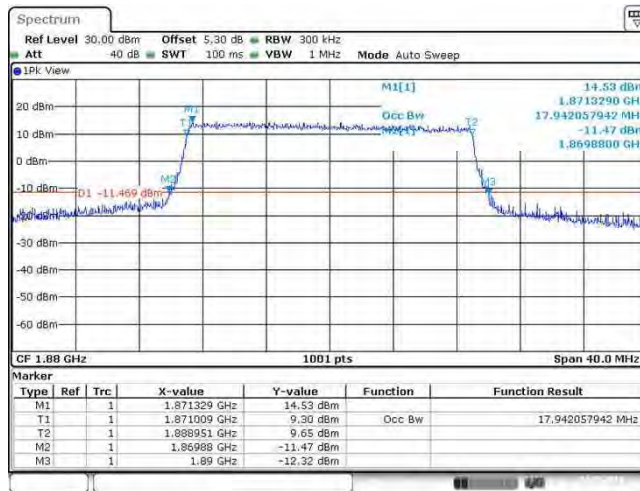
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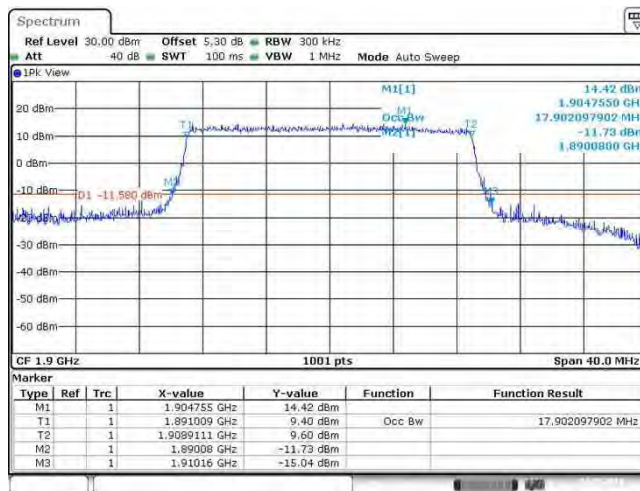
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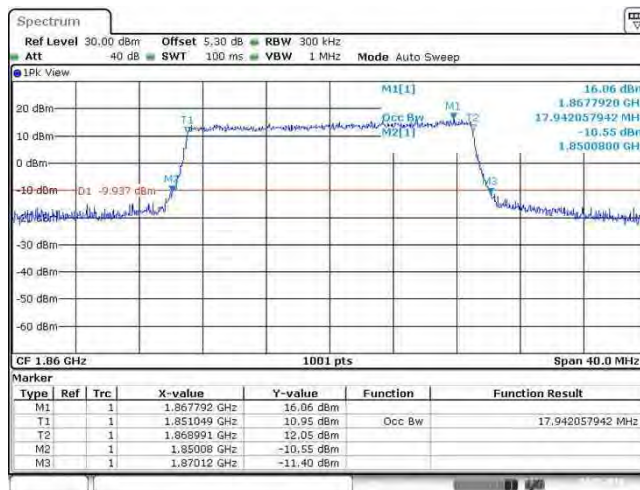
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Date: 12 JUL 2018 14:38:56

BAND2_20MHz_16QAM_18700_100RB#0



Date: 12 JUL 2018 14:28:25

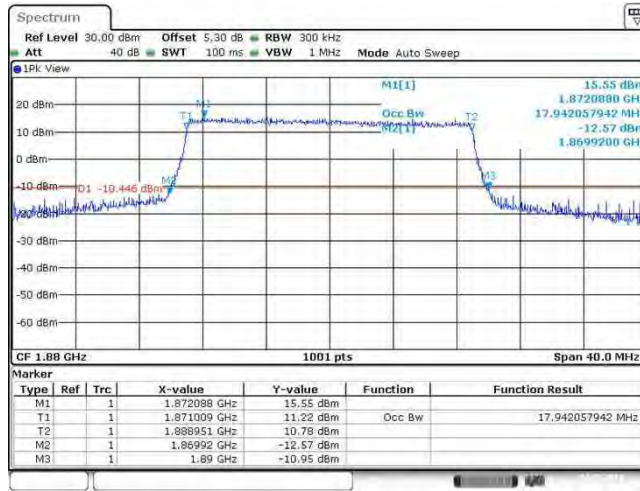
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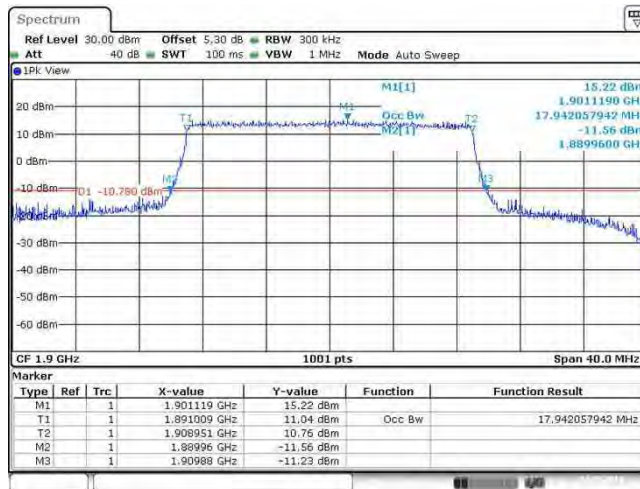
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Date: 12 JUL 2018 14:38:08

BAND2_20MHz_16QAM_19100_100RB#0



Date: 12 JUL 2018 14:38:43



5. Band Edge Compliance

4.1. Test Plots

BAND2_1.4MHz_QPSK_18607_1RB#0



BAND2_1.4MHz_QPSK_18607_6RB#0



BAND2_1.4MHz_QPSK_19193_1RB#5



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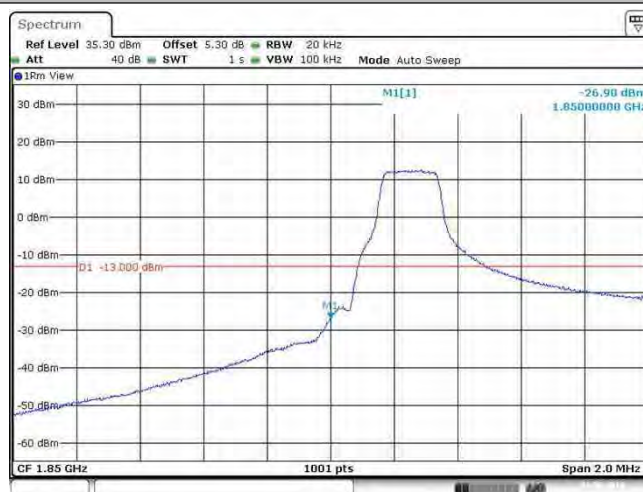
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Date: 31 AUG 2018 17:26:17

BAND2_1.4MHz_64QAM_18607_6RB#0



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Date: 31 AUG 2018 17:31:06

BAND2_1.4MHz_64QAM_19193_1RB#5



Date: 31 AUG 2018 17:28:42

BAND2_1.4MHz_64QAM_19193_6RB#0



Date: 31 AUG 2018 17:33:37

BAND2_1.4MHz_16QAM_18607_1RB#0

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Date: 31 AUG 2018 17:25:31

BAND2_1.4MHz_16QAM_18607_6RB#0



Date: 31 AUG 2018 17:30:19

BAND2_1.4MHz_16QAM_19193_1RB#5



Date: 31 AUG 2018 17:27:55

BAND2_1.4MHz_16QAM_19193_6RB#0



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Date: 31 AUG 2018 17:32:59

BAND2_3MHz_QPSK_18615_1RB#0



Date: 31 AUG 2018 17:34:39

BAND2_3MHz_QPSK_18615_15RB#0



Date: 31 AUG 2018 17:39:49

BAND2_3MHz_QPSK_19185_1RB#14



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Date: 31 AUG 2018 17:37:05

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Date: 31 AUG 2018 17:42:45

BAND2_3MHz_64QAM_18615_1RB#0



Date: 31 AUG 2018 17:36:02

BAND2_3MHz_64QAM_18615_15RB#0



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Date: 31 AUG 2018 17:41:12

BAND2_3MHz_64QAM_19185_1RB#14



Date: 31 AUG 2018 17:38:37

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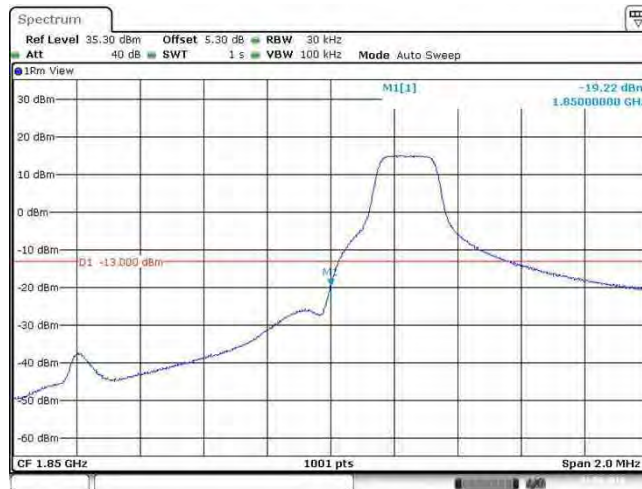
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

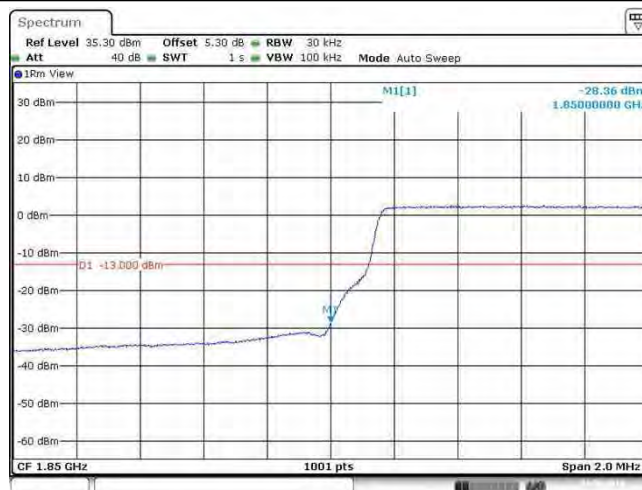
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Date: 31 AUG 2018 17:37:52

BAND2_3MHz_16QAM_19185_15RB#0



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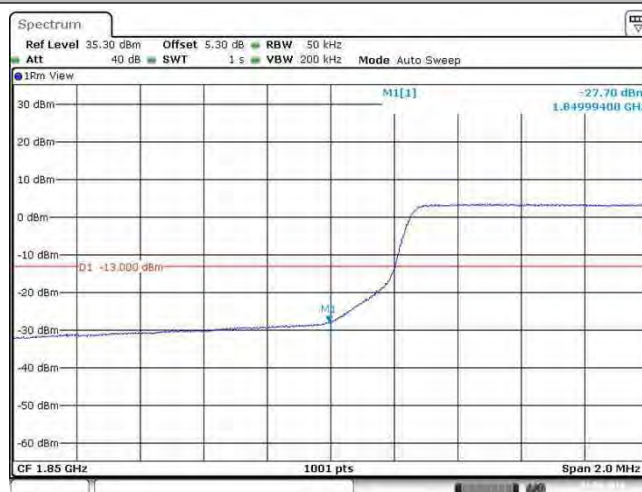
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Date: 31 AUG 2018 17:45:21

BAND2_5MHz_QPSK_18625_25RB#0



Date: 31 AUG 2018 17:58:38

BAND2_5MHz_QPSK_19175_1RB#24



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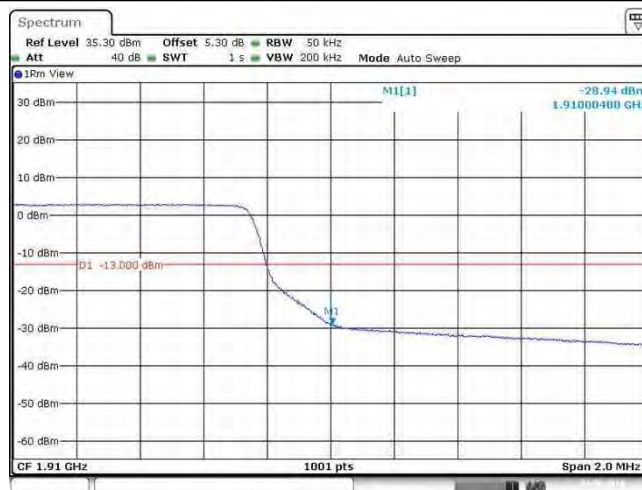
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Date: 31 AUG 2018 17:53:42

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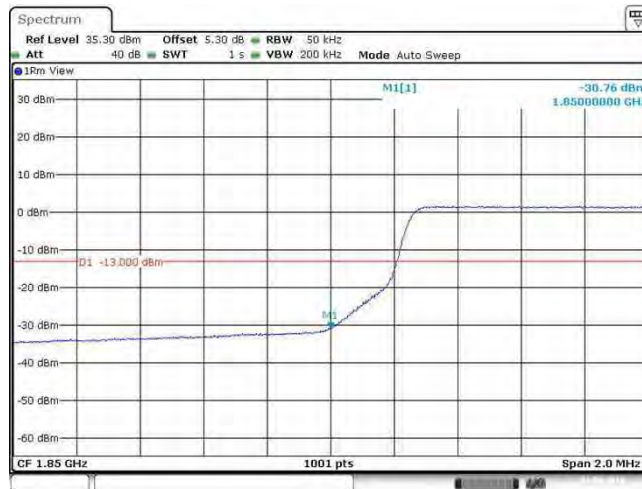
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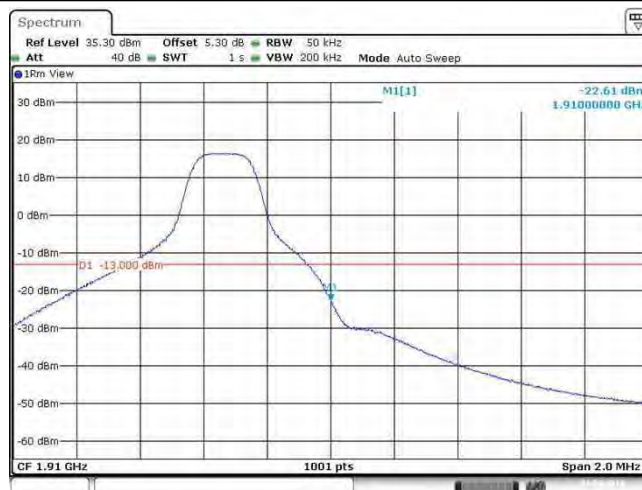
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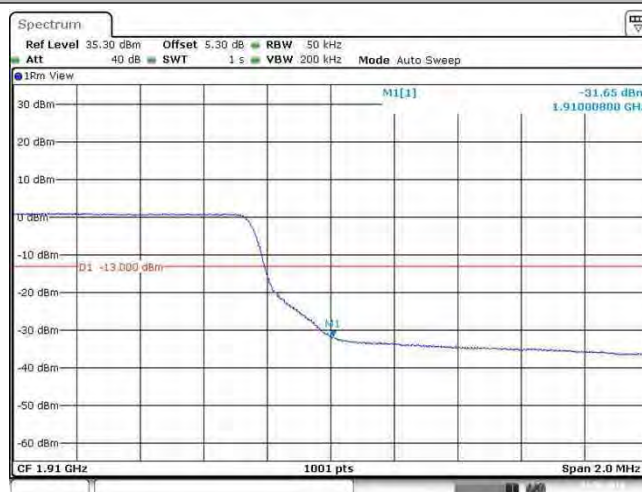
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Date: 31 AUG 2018 17:49:27

BAND2_5MHz_64QAM_19175_25RB#0



Date: 31 AUG 2018 17:55:14

BAND2_5MHz_16QAM_18625_1RB#0

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