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Appendix B.1

LTE Band 2



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.77	26.4	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.74	26.37	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.71	26.34	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.72	25.35	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.75	26.38	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.75	26.38	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.73	26.36	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.81	25.44	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.69	26.32	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.71	26.34	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.71	26.34	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.8	25.43	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.96	25.59	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.94	25.57	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.81	25.44	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.75	24.38	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.88	25.51	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.89	25.52	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.92	25.55	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.8	24.43	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.87	25.5	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.89	25.52	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.89	25.52	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.76	24.39	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.82	24.45	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.9	24.53	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.9	24.53	33	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	20.66	23.29	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.96	24.59	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.98	24.61	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.97	24.6	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.74	23.37	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.91	24.54	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.88	24.51	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.86	24.49	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.72	23.35	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	18.52	21.15	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	18.8	21.43	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	18.86	21.49	33	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	18.62	21.25	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	18.49	21.12	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	18.82	21.45	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	18.87	21.5	33	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	18.73	21.36	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	19.52	22.15	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	18.82	21.45	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	18.79	21.42	33	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	18.7	21.33	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.72	26.35	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.71	26.34	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.72	26.35	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.47	25.1	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.76	26.39	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.79	26.42	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.77	26.4	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.82	25.45	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.77	26.4	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.68	26.31	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.73	26.36	33	PASS



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Band2	3MHz	QPSK	19185	15RB#0	22.58	25.21	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.88	25.51	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.89	25.52	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.86	25.49	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.79	24.42	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.94	25.57	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.88	25.51	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.9	25.53	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.79	24.42	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.85	25.48	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.92	25.55	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.87	25.5	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.73	24.36	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.93	24.56	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.85	24.48	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.94	24.57	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.76	23.39	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.97	24.6	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	22	24.63	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.97	24.6	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.77	23.4	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.9	24.53	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.95	24.58	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.87	24.5	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.73	23.36	33	PASS
Band2	3MHz	256QAM	18615	1RB#0	18.79	21.42	33	PASS
Band2	3MHz	256QAM	18615	1RB#8	18.77	21.4	33	PASS
Band2	3MHz	256QAM	18615	1RB#14	18.8	21.43	33	PASS
Band2	3MHz	256QAM	18615	15RB#0	18.77	21.4	33	PASS
Band2	3MHz	256QAM	18900	1RB#0	18.96	21.59	33	PASS
Band2	3MHz	256QAM	18900	1RB#8	18.83	21.46	33	PASS
Band2	3MHz	256QAM	18900	1RB#14	18.79	21.42	33	PASS



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Band2	3MHz	256QAM	18900	15RB#0	18.74	21.37	33	PASS
Band2	3MHz	256QAM	19185	1RB#0	18.78	21.41	33	PASS
Band2	3MHz	256QAM	19185	1RB#8	18.73	21.36	33	PASS
Band2	3MHz	256QAM	19185	1RB#14	18.73	21.36	33	PASS
Band2	3MHz	256QAM	19185	15RB#0	18.72	21.35	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.75	26.38	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.24	25.87	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.58	26.21	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.76	25.39	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.81	26.44	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.86	26.49	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.83	26.46	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.8	25.43	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.76	26.39	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.12	25.75	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.79	26.42	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.74	25.37	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.92	25.55	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.85	25.48	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.92	25.55	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.72	24.35	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.95	25.58	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.97	25.6	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.91	25.54	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.77	24.4	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.89	25.52	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.92	25.55	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.88	25.51	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.71	24.34	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.9	24.53	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.95	24.58	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.97	24.6	33	PASS



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Band2	5MHz	64QAM	18900	1RB#0	21.94	24.57	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.99	24.62	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	22.04	24.67	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.77	23.4	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.84	24.47	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.97	24.6	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.83	24.46	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.69	23.32	33	PASS
Band2	5MHz	256QAM	18625	1RB#0	18.82	21.45	33	PASS
Band2	5MHz	256QAM	18625	1RB#12	18.85	21.48	33	PASS
Band2	5MHz	256QAM	18625	1RB#24	18.88	21.51	33	PASS
Band2	5MHz	256QAM	18625	25RB#0	18.69	21.32	33	PASS
Band2	5MHz	256QAM	18900	1RB#0	18.52	21.15	33	PASS
Band2	5MHz	256QAM	18900	1RB#12	18.83	21.46	33	PASS
Band2	5MHz	256QAM	18900	1RB#24	18.92	21.55	33	PASS
Band2	5MHz	256QAM	18900	25RB#0	18.76	21.39	33	PASS
Band2	5MHz	256QAM	19175	1RB#0	18.69	21.32	33	PASS
Band2	5MHz	256QAM	19175	1RB#12	18.8	21.43	33	PASS
Band2	5MHz	256QAM	19175	1RB#24	18.81	21.44	33	PASS
Band2	5MHz	256QAM	19175	25RB#0	18.68	21.31	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.71	26.34	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.74	26.37	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.8	26.43	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.8	25.43	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.73	26.36	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.78	26.41	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.82	26.45	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.8	25.43	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.72	26.35	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.73	26.36	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.75	26.38	33	PASS



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Band2	10MHz	16QAM	18650	1RB#0	22.89	25.52	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.91	25.54	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.92	25.55	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.79	24.42	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.93	25.56	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.96	25.59	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.98	25.61	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.76	24.39	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.91	25.54	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.87	25.5	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.89	25.52	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.76	24.39	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.92	24.55	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.89	24.52	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.97	24.6	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.73	23.36	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.94	24.57	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.97	24.6	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.99	24.62	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.74	23.37	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.9	24.53	33	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.87	24.5	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.94	24.57	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.73	23.36	33	PASS
Band2	10MHz	256QAM	18650	1RB#0	18.79	21.42	33	PASS
Band2	10MHz	256QAM	18650	1RB#24	18.81	21.44	33	PASS
Band2	10MHz	256QAM	18650	1RB#49	18.81	21.44	33	PASS
Band2	10MHz	256QAM	18650	50RB#0	18.75	21.38	33	PASS
Band2	10MHz	256QAM	18900	1RB#0	18.54	21.17	33	PASS
Band2	10MHz	256QAM	18900	1RB#24	18.83	21.46	33	PASS
Band2	10MHz	256QAM	18900	1RB#49	18.87	21.5	33	PASS



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Band2	10MHz	256QAM	18900	50RB#0	18.71	21.34	33	PASS
Band2	10MHz	256QAM	19150	1RB#0	18.74	21.37	33	PASS
Band2	10MHz	256QAM	19150	1RB#24	18.79	21.42	33	PASS
Band2	10MHz	256QAM	19150	1RB#49	18.86	21.49	33	PASS
Band2	10MHz	256QAM	19150	50RB#0	18.69	21.32	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.65	26.28	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.73	26.36	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.75	26.38	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.78	25.41	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.7	26.33	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.76	26.39	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.73	26.36	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.83	25.46	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.79	26.42	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.7	26.33	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.72	26.35	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.75	25.38	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.82	25.45	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.89	25.52	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.97	25.6	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.73	24.36	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.86	25.49	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.9	25.53	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.91	25.54	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.78	24.41	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.91	25.54	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.9	25.53	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.91	25.54	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.73	24.36	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.91	24.54	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.96	24.59	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.96	24.59	33	PASS



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Band2	15MHz	64QAM	18675	75RB#0	20.74	23.37	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.91	24.54	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.94	24.57	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.9	24.53	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.75	23.38	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.95	24.58	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.83	24.46	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.98	24.61	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.73	23.36	33	PASS
Band2	15MHz	256QAM	18675	1RB#0	18.75	21.38	33	PASS
Band2	15MHz	256QAM	18675	1RB#38	18.79	21.42	33	PASS
Band2	15MHz	256QAM	18675	1RB#74	18.81	21.44	33	PASS
Band2	15MHz	256QAM	18675	75RB#0	18.67	21.3	33	PASS
Band2	15MHz	256QAM	18900	1RB#0	18.33	20.96	33	PASS
Band2	15MHz	256QAM	18900	1RB#38	18.79	21.42	33	PASS
Band2	15MHz	256QAM	18900	1RB#74	18.8	21.43	33	PASS
Band2	15MHz	256QAM	18900	75RB#0	18.7	21.33	33	PASS
Band2	15MHz	256QAM	19125	1RB#0	18.78	21.41	33	PASS
Band2	15MHz	256QAM	19125	1RB#38	18.74	21.37	33	PASS
Band2	15MHz	256QAM	19125	1RB#74	18.75	21.38	33	PASS
Band2	15MHz	256QAM	19125	75RB#0	18.69	21.32	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.68	26.31	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.75	26.38	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.21	25.84	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.84	25.47	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.67	26.3	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.02	25.65	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.85	26.48	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.8	25.43	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.69	26.32	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.77	26.4	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.73	26.36	33	PASS



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Band2	20MHz	QPSK	19100	100RB#0	22.81	25.44	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.83	25.46	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.99	25.62	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.93	25.56	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.78	24.41	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.85	25.48	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.9	25.53	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.94	25.57	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.77	24.4	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.83	25.46	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.93	25.56	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.9	25.53	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.78	24.41	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.88	24.51	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.93	24.56	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.95	24.58	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.76	23.39	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.86	24.49	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	22.01	24.64	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.95	24.58	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.77	23.4	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.86	24.49	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.95	24.58	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.94	24.57	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.76	23.39	33	PASS
Band2	20MHz	256QAM	18700	1RB#0	18.71	21.34	33	PASS
Band2	20MHz	256QAM	18700	1RB#49	18.78	21.41	33	PASS
Band2	20MHz	256QAM	18700	1RB#99	18.82	21.45	33	PASS
Band2	20MHz	256QAM	18700	100RB#0	18.76	21.39	33	PASS
Band2	20MHz	256QAM	18900	1RB#0	18.87	21.5	33	PASS
Band2	20MHz	256QAM	18900	1RB#49	18.82	21.45	33	PASS
Band2	20MHz	256QAM	18900	1RB#99	18.86	21.49	33	PASS



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Band2	20MHz	256QAM	18900	100RB#0	18.74	21.37	33	PASS
Band2	20MHz	256QAM	19100	1RB#0	18.65	21.28	33	PASS
Band2	20MHz	256QAM	19100	1RB#49	18.78	21.41	33	PASS
Band2	20MHz	256QAM	19100	1RB#99	18.78	21.41	33	PASS
Band2	20MHz	256QAM	19100	100RB#0	18.71	21.34	33	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.80	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.70	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.72	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.56	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.48	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.50	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.80	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.76	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.88	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	6.88	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	7.04	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	7.14	13	PASS



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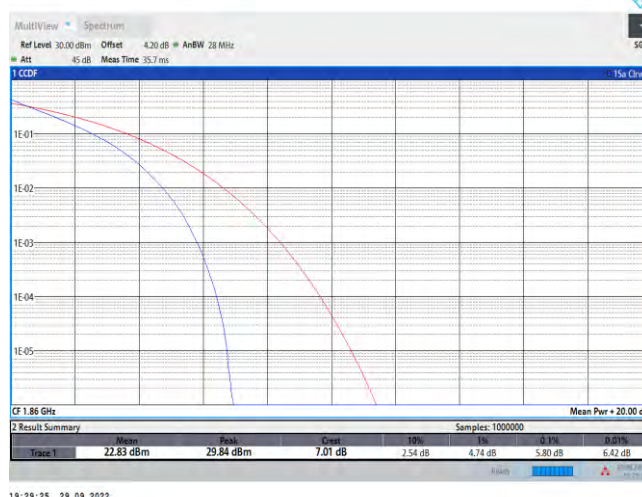
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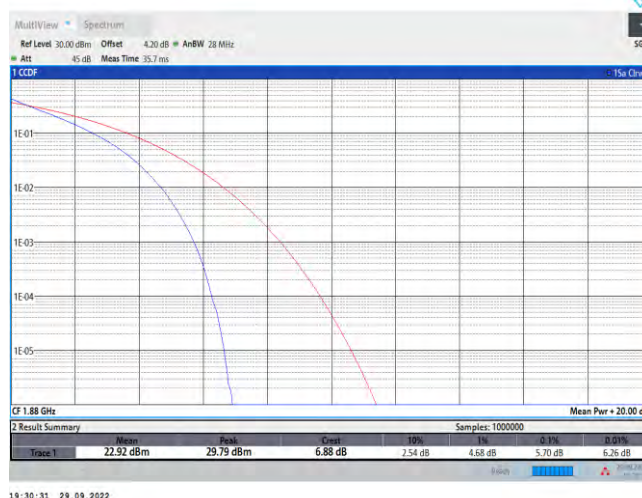
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Test Graphs

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



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



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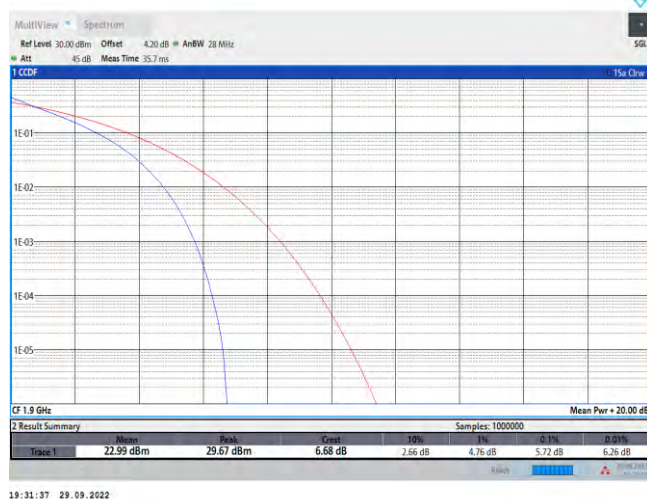
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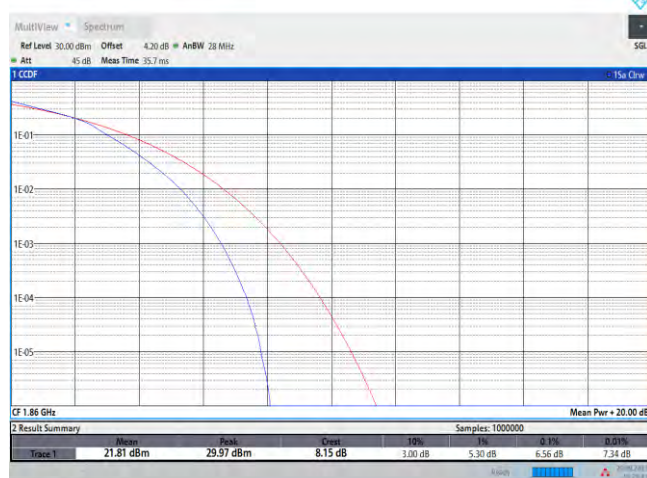
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Band2-20MHz-QPSK-19100-100RB#0



19:31:37 29.09.2022

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



19:29:41 29.09.2022



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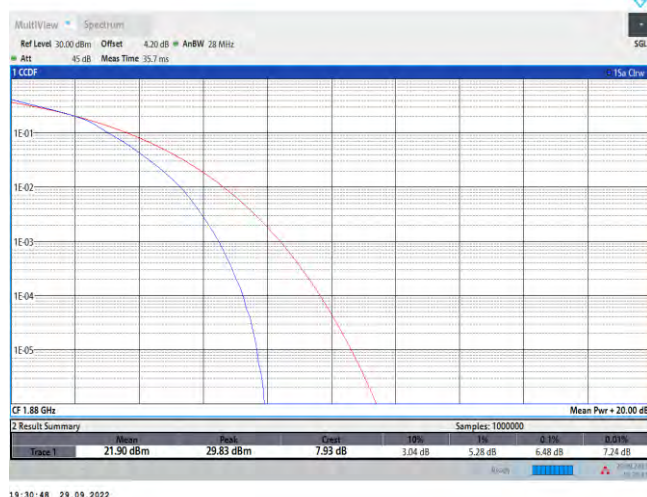
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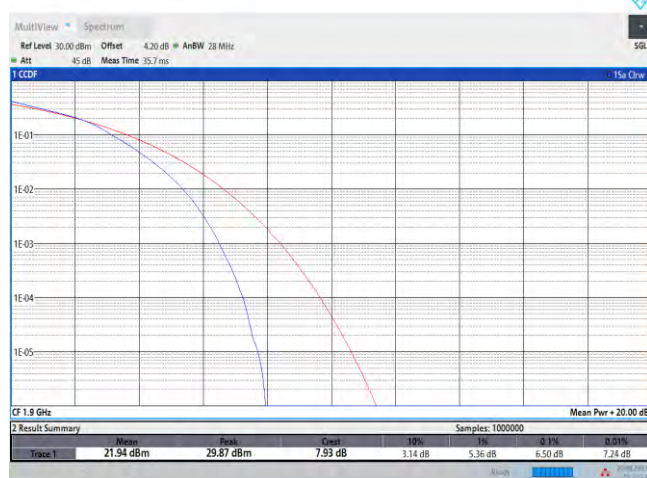
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Band2-20MHz-16QAM-18900-100RB#0



19:30:48 29.09.2022

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



19:31:54 29.09.2022



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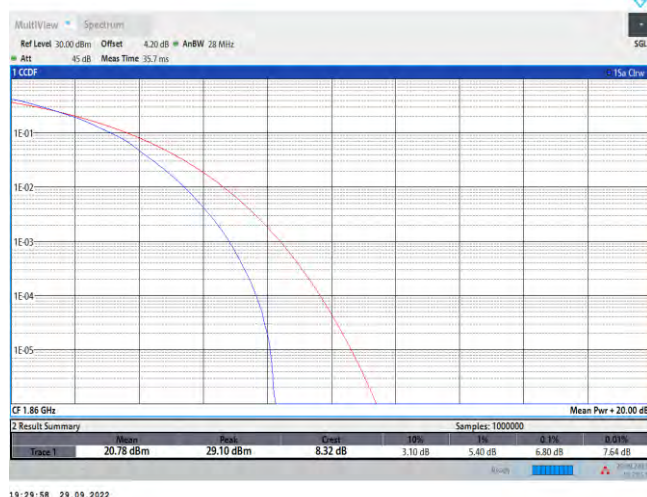
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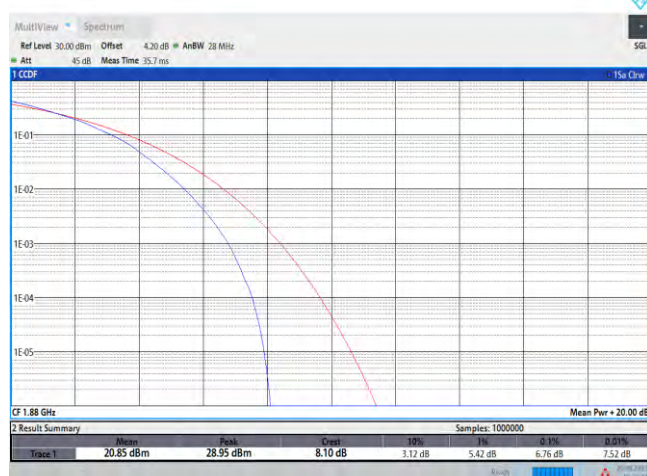
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Band2-20MHz-64QAM-18700-100RB#0



19:29:58 29.09.2022

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



19:31:04 29.09.2022



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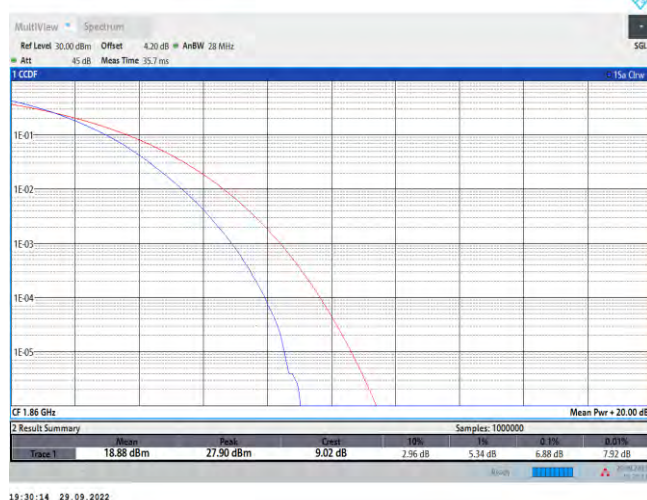
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Band2-20MHz-64QAM-19100-100RB#0



Band2-20MHz-256QAM-18700-100RB#0



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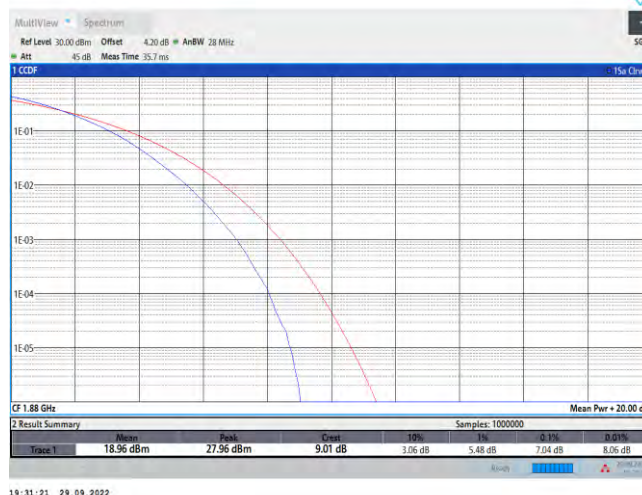
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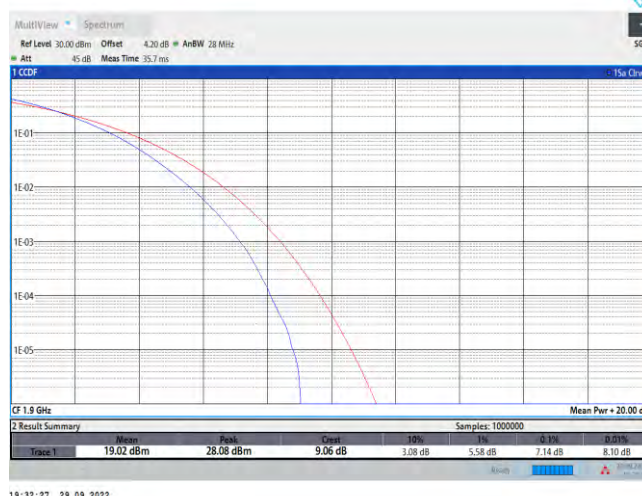
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Band2-20MHz-256QAM-18900-100RB#0



Band2-20MHz-256QAM-19100-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS	PASS
Band2	20MHz	64QAM	18900	100RB#0	PASS	PASS
Band2	20MHz	256QAM	18900	100RB#0	PASS	PASS



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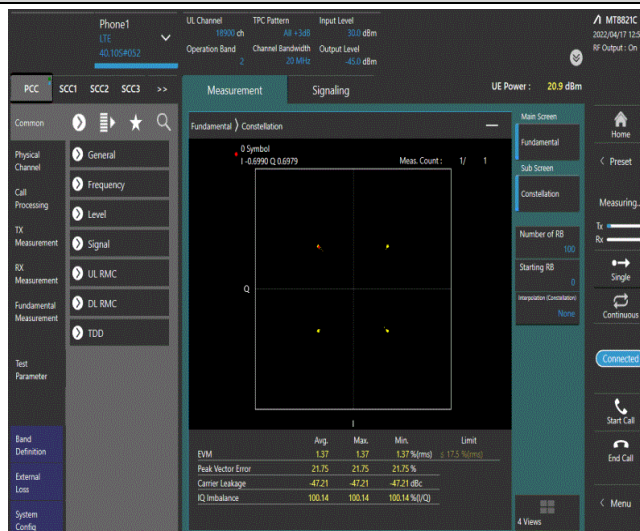
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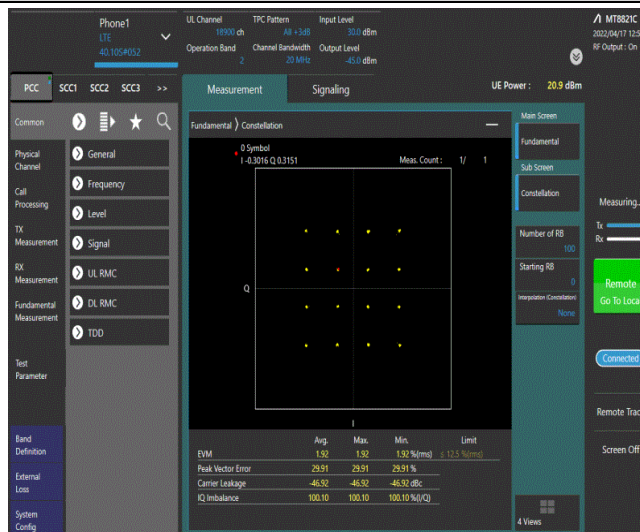
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Test Graphs

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



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



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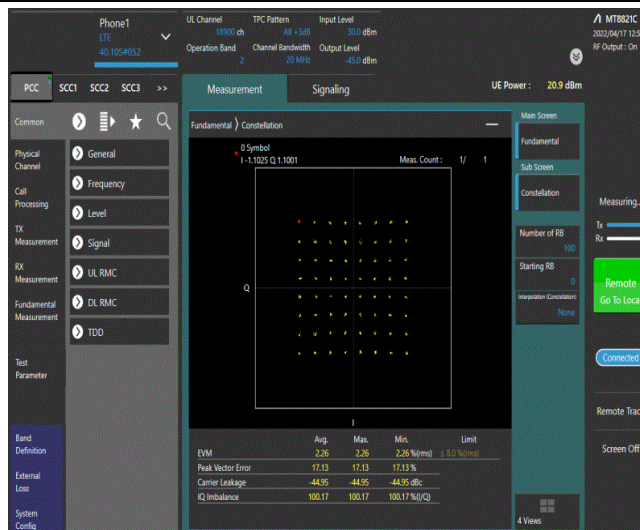
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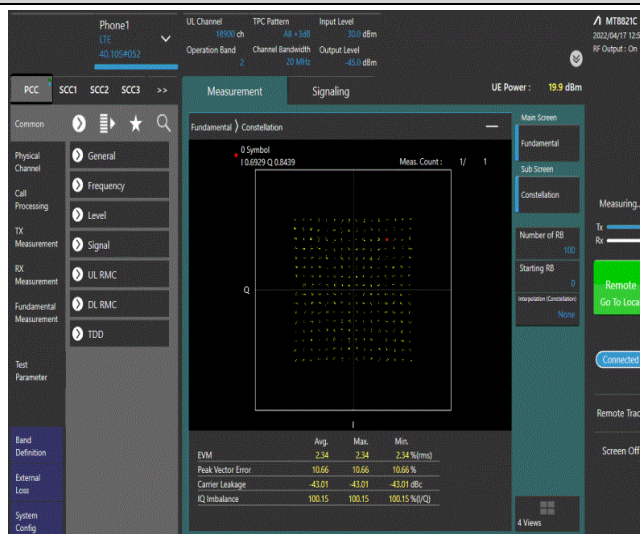
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Band2-20MHz-64QAM-18900-100RB#0



Band2-20MHz-256QAM-18900-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.092	1.28	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.106	1.41	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.095	1.29	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.096	1.31	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.095	1.31	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.094	1.31	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.097	1.30	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.096	1.31	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.097	1.31	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	1.087	1.28	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.087	1.28	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	1.087	1.28	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	2.96	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.696	2.95	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.698	2.94	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.693	2.95	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.696	2.93	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.691	2.94	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.694	2.93	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.693	2.92	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.693	2.95	PASS
Band2	3MHz	256QAM	18615	15RB#0	2.69	2.93	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.69	2.95	PASS
Band2	3MHz	256QAM	19185	15RB#0	2.693	2.93	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.472	4.79	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.457	4.84	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.82	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.465	4.83	PASS



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Band2	5MHz	16QAM	19175	25RB#0	4.467	4.85	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.472	4.87	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.473	4.88	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.473	4.87	PASS
Band2	5MHz	256QAM	18625	25RB#0	4.472	4.83	PASS
Band2	5MHz	256QAM	18900	25RB#0	4.472	4.83	PASS
Band2	5MHz	256QAM	19175	25RB#0	4.464	4.82	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.97	9.50	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.93	9.60	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.936	9.62	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.928	9.68	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.929	9.62	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.932	9.74	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.945	9.64	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.94	9.66	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.94	9.64	PASS
Band2	10MHz	256QAM	18650	50RB#0	8.943	9.58	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.931	9.60	PASS
Band2	10MHz	256QAM	19150	50RB#0	8.929	9.66	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.46	14.70	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.451	14.55	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.477	15.12	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.458	14.73	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.467	14.76	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.472	14.82	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.456	14.73	PASS
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Band2	15MHz	64QAM	19125	75RB#0	13.471	14.88	PASS
Band2	15MHz	256QAM	18675	75RB#0	13.459	14.70	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.446	14.76	PASS
Band2	15MHz	256QAM	19125	75RB#0	13.458	14.61	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.878	19.32	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.027	19.16	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.882	19.28	PASS



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Band2	20MHz	16QAM	18700	100RB#0	17.872	19.28	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.882	19.28	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.883	19.28	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.877	19.40	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.889	19.36	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.874	19.32	PASS
Band2	20MHz	256QAM	18700	100RB#0	17.892	19.32	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.911	19.32	PASS
Band2	20MHz	256QAM	19100	100RB#0	17.902	19.40	PASS



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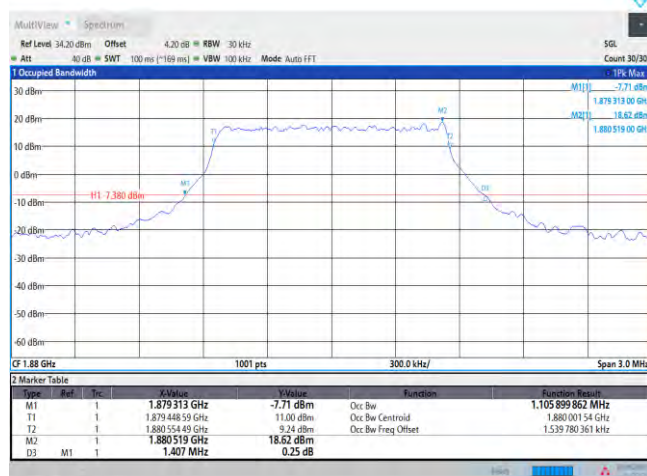
Test Graphs

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



14:34:32 29.09.2022

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



14:35:52 29.09.2022



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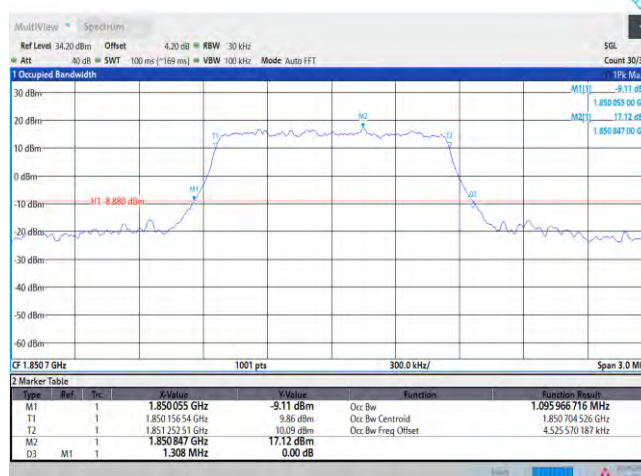
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Band2-1.4MHz-QPSK-19193-6RB#0



14:37:20 29.09.2022

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



14:34:50 29.09.2022



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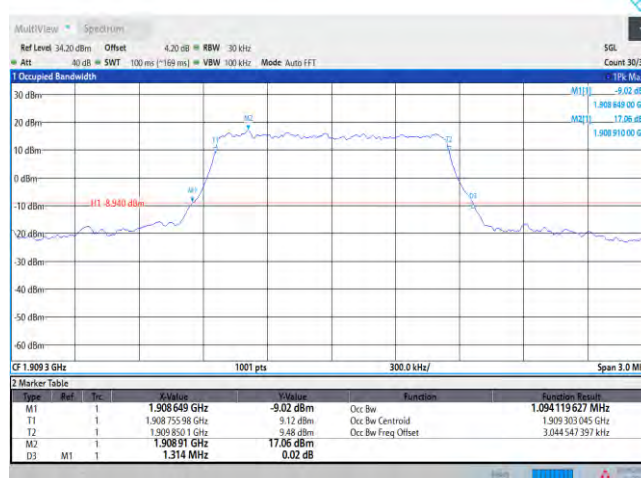
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Band2-1.4MHz-16QAM-18900-6RB#0



14:36:10 29.09.2022

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



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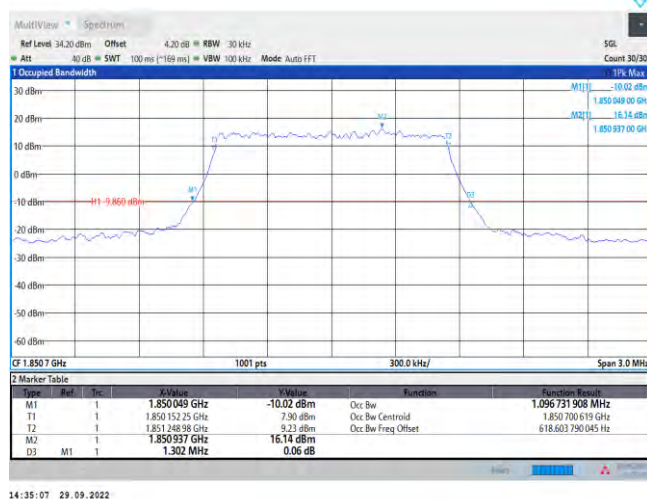
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Band2-1.4MHz-64QAM-18607-6RB#0



Band2-1.4MHz-64QAM-18900-6RB#0



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



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Band2-1.4MHz-256QAM-18607-6RB#0



14:03:16 10.10.2022



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Band2-1.4MHz-256QAM-19193-6RB#0



14:03:58 10.10.2022



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



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



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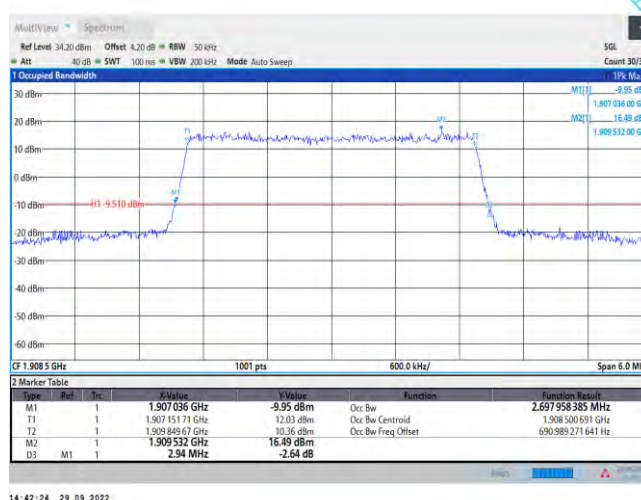
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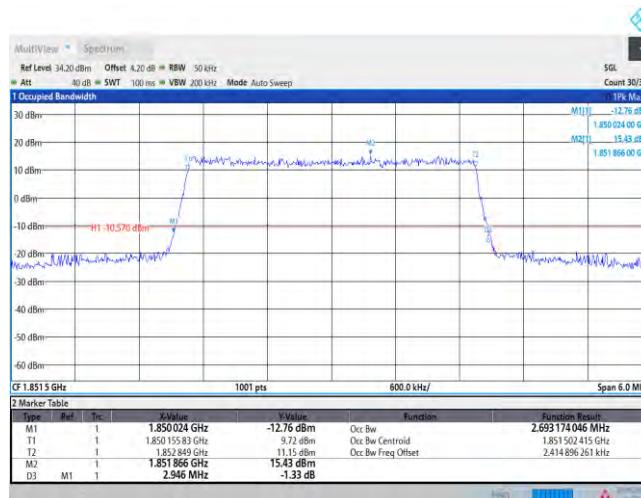
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Band2-3MHz-QPSK-19185-15RB#0



14:42:24 29.09.2022

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



14:39:15 29.09.2022



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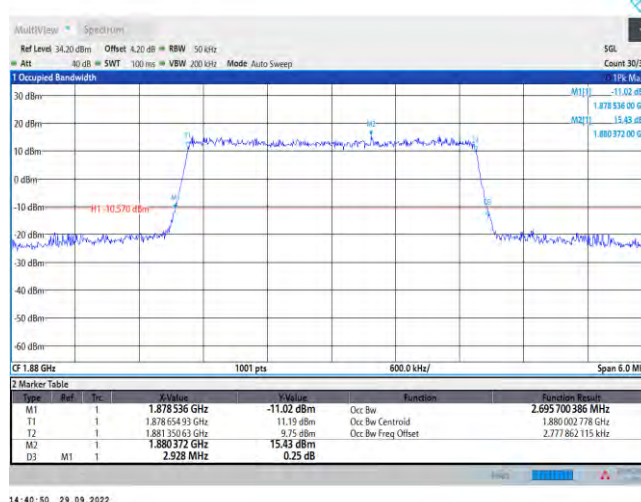
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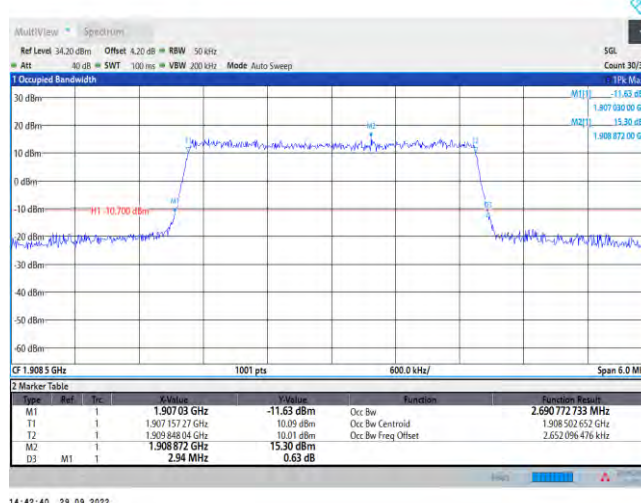
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Band2-3MHz-16QAM-19185-15RB#0



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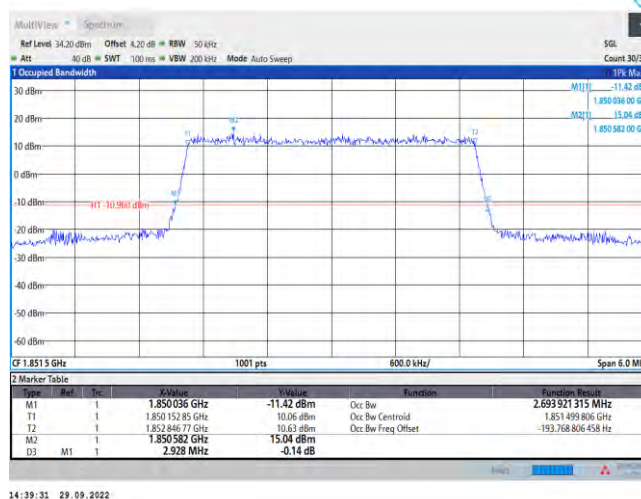
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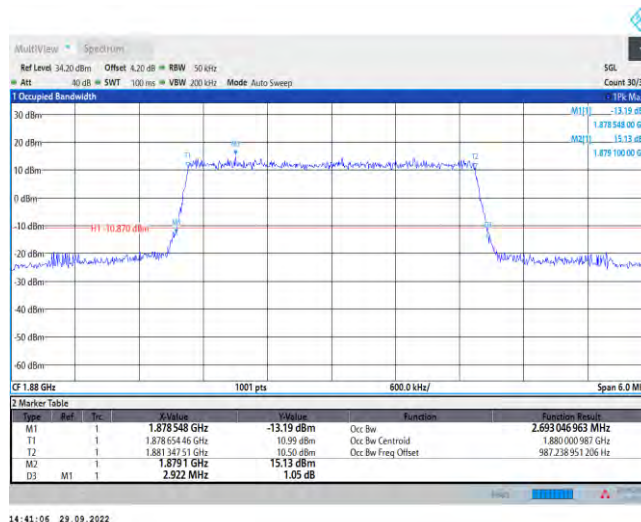
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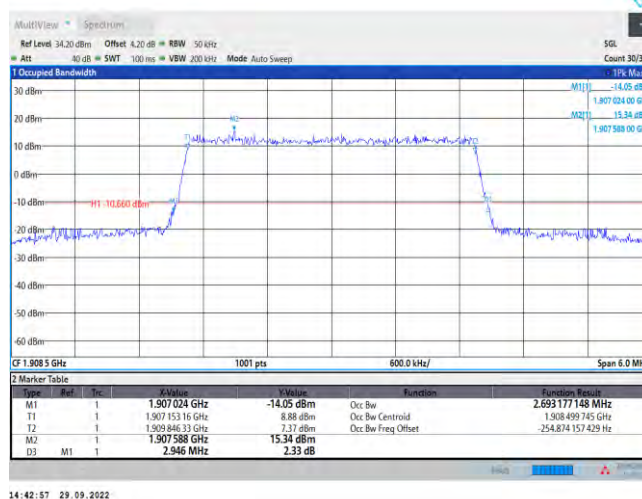
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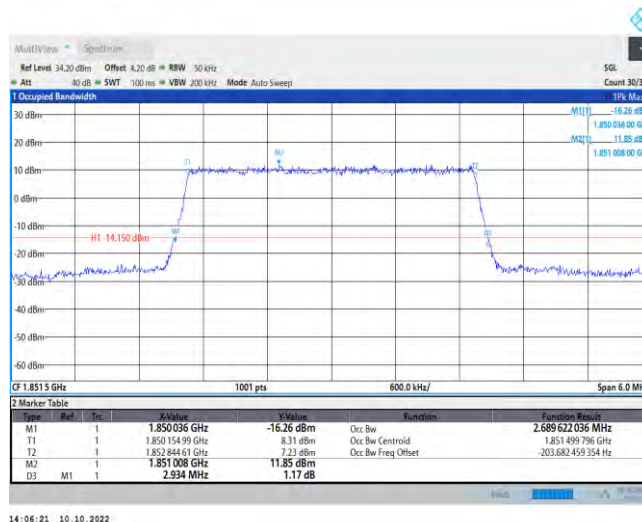
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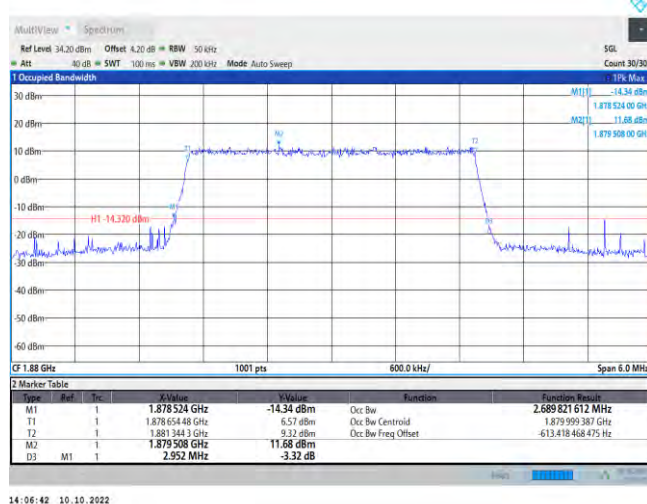
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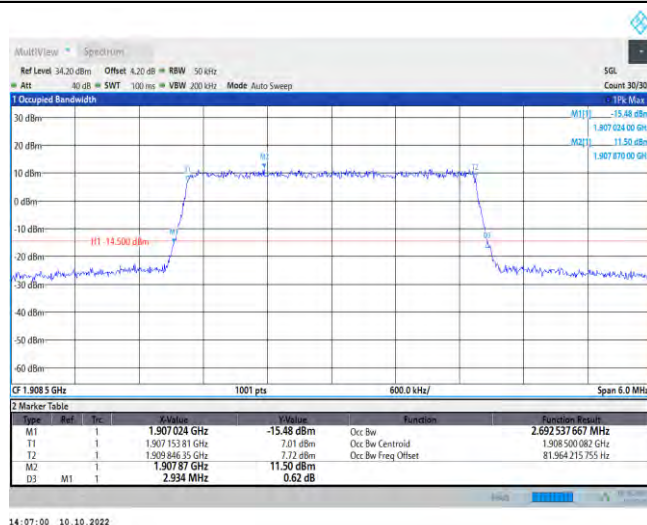
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Band2-3MHz-256QAM-19185-15RB#0



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Rev.: 01

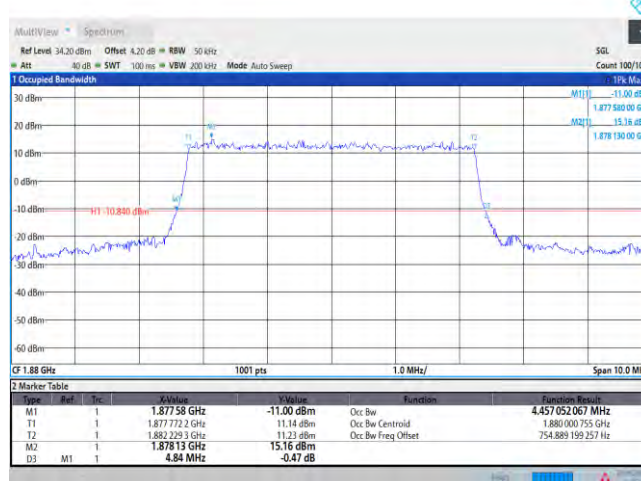
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Band2-5MHz-QPSK-18625-25RB#0



14:43:45 29.09.2022

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



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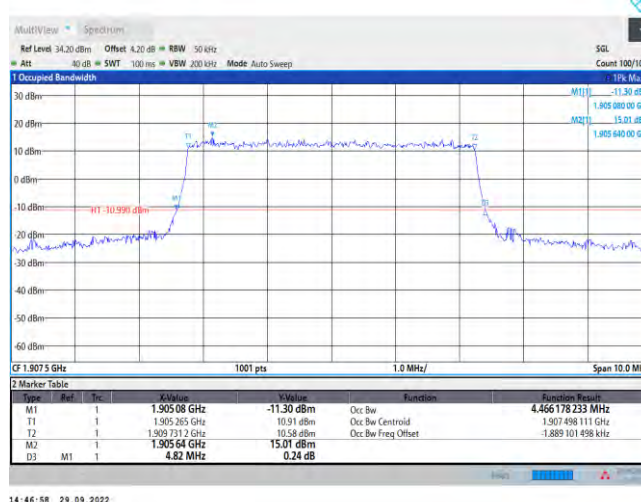
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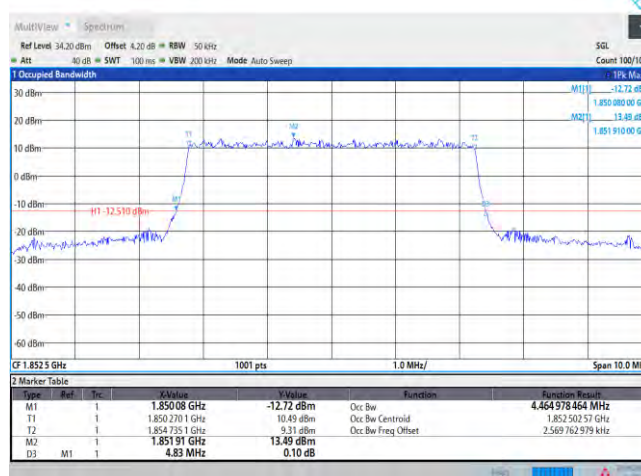
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Band2-5MHz-QPSK-19175-25RB#0



14:46:58 29.09.2022

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



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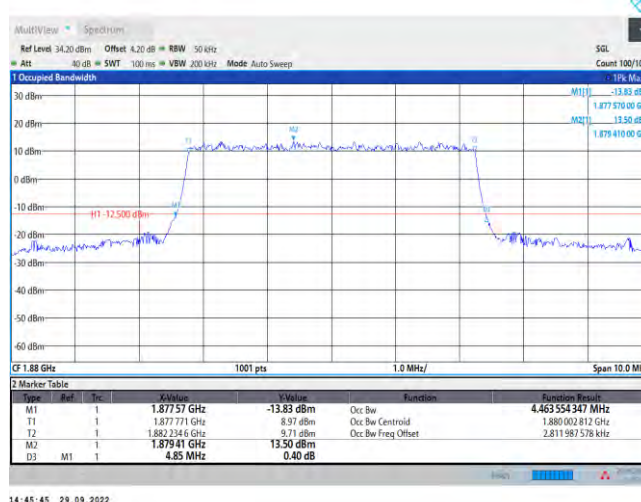
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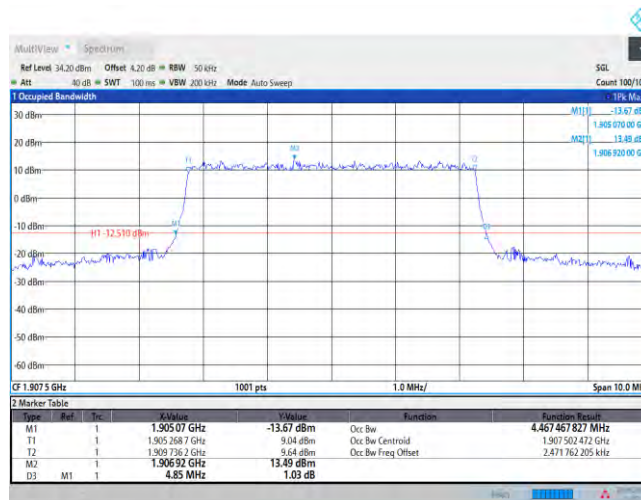
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Band2-5MHz-16QAM-19175-25RB#0



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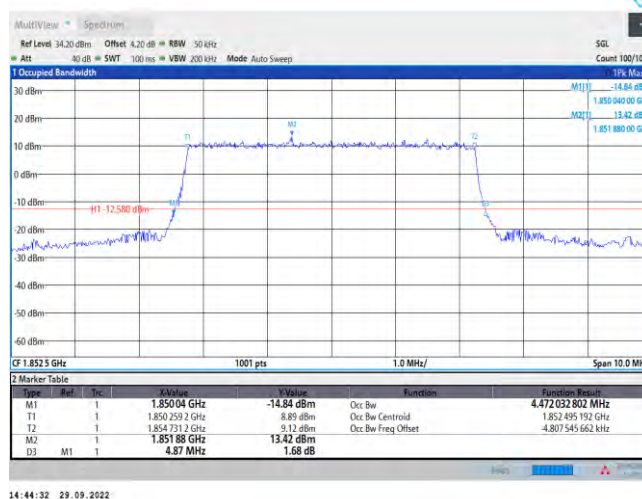
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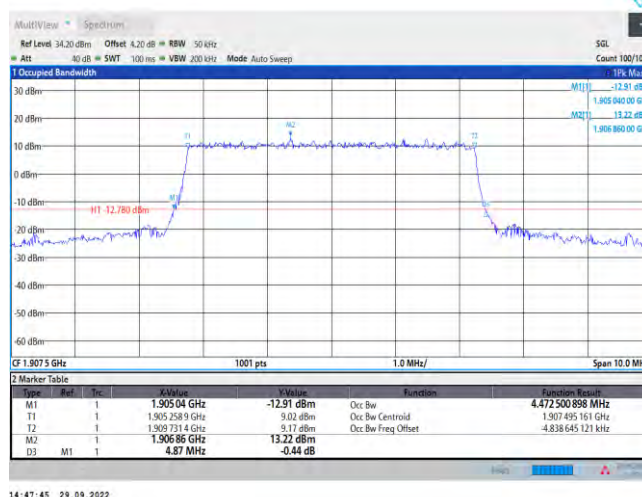
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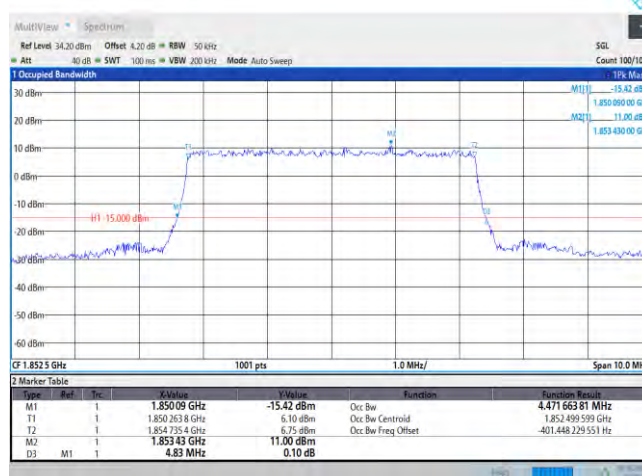
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Band2-5MHz-256QAM-18625-25RB#0



14:09:52 10.10.2022



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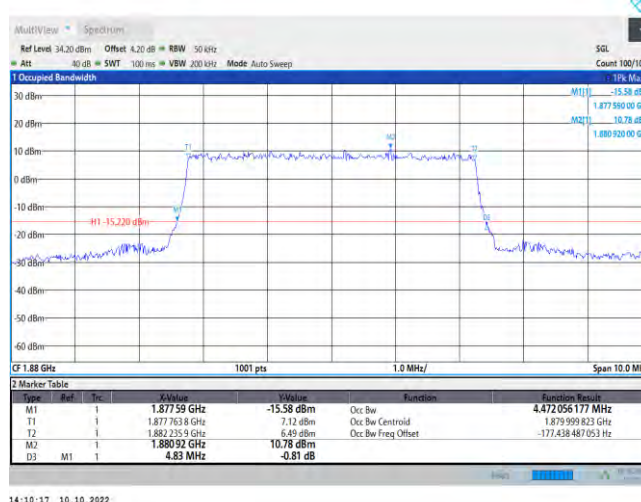
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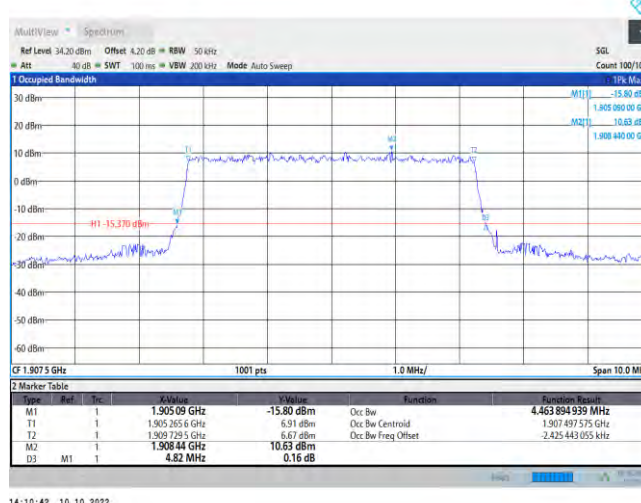
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14:10:17 10.10.2022

Band2-5MHz-256QAM-19175-25RB#0



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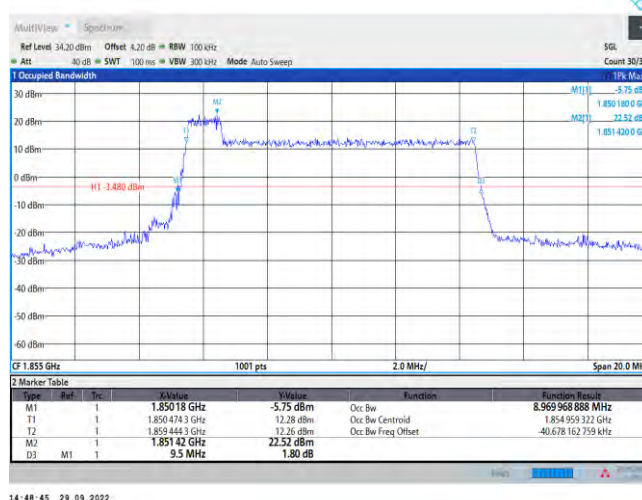
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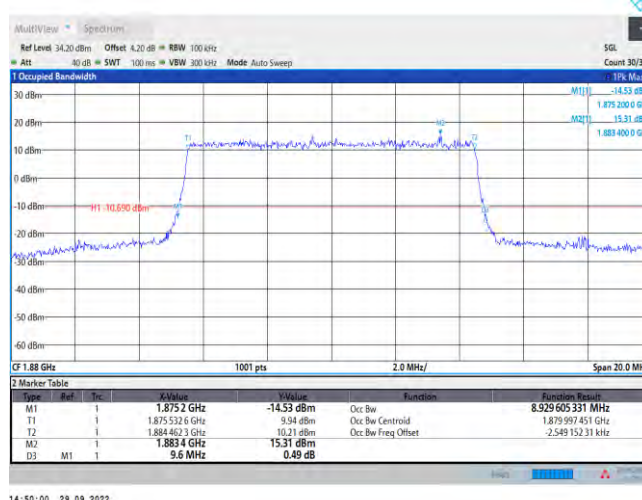
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Band2-10MHz-QPSK-18650-50RB#0



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



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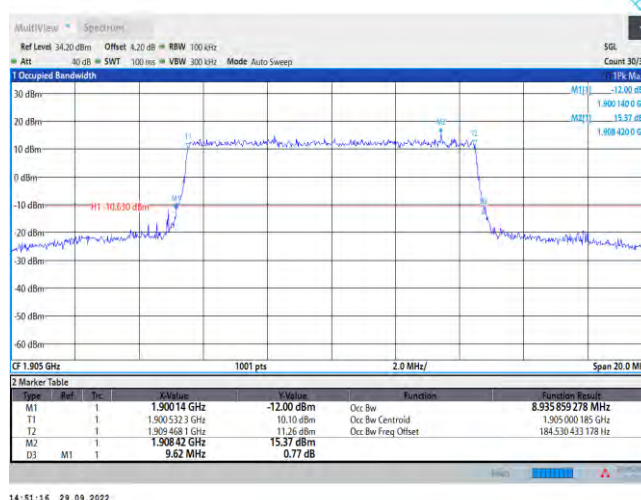
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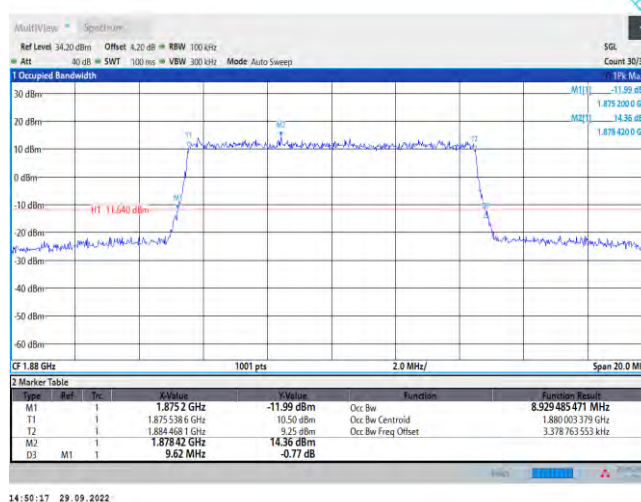
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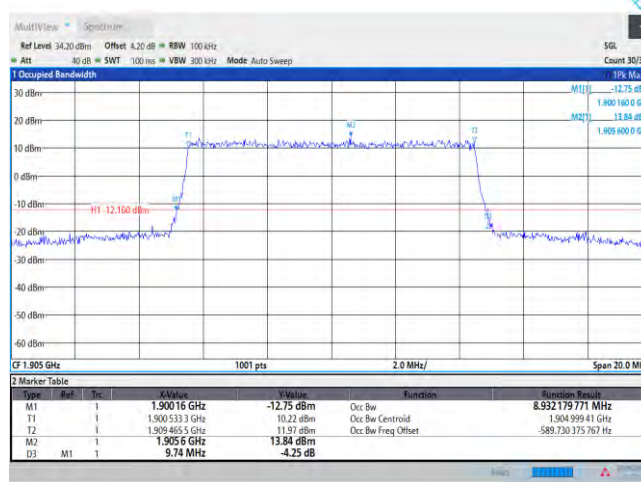
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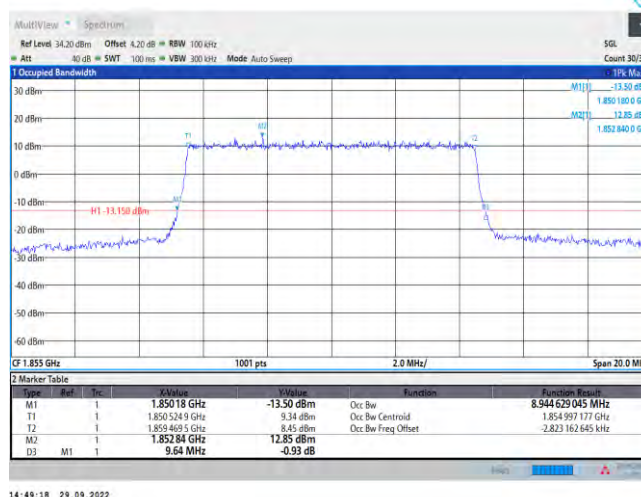
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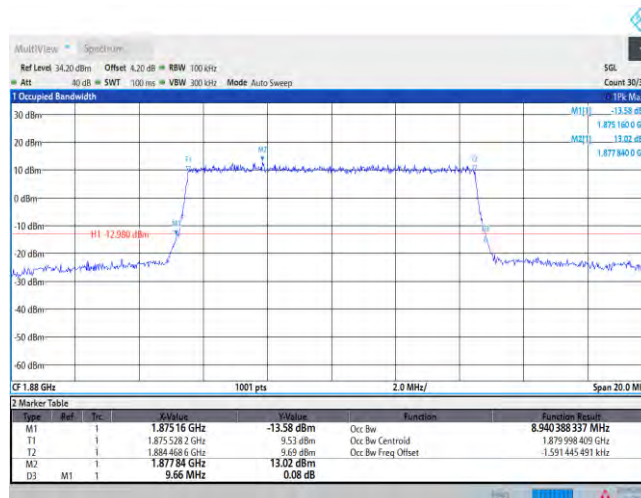
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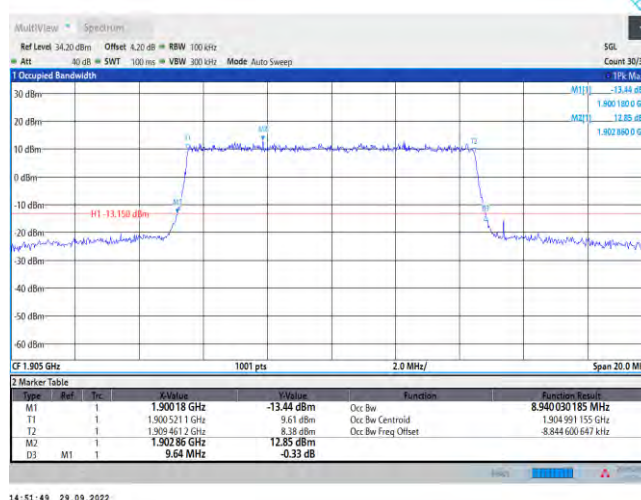
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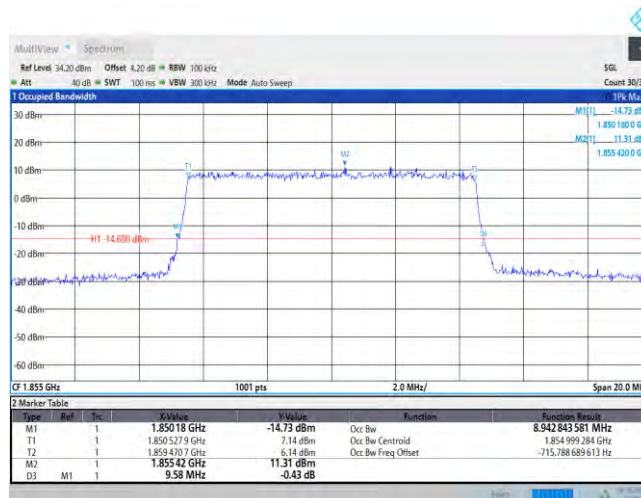
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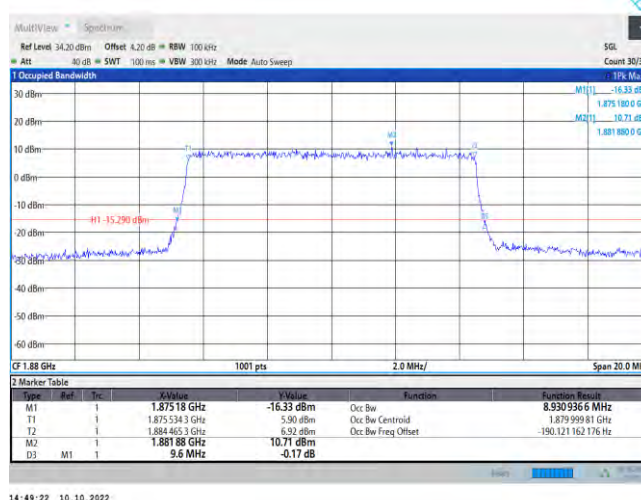
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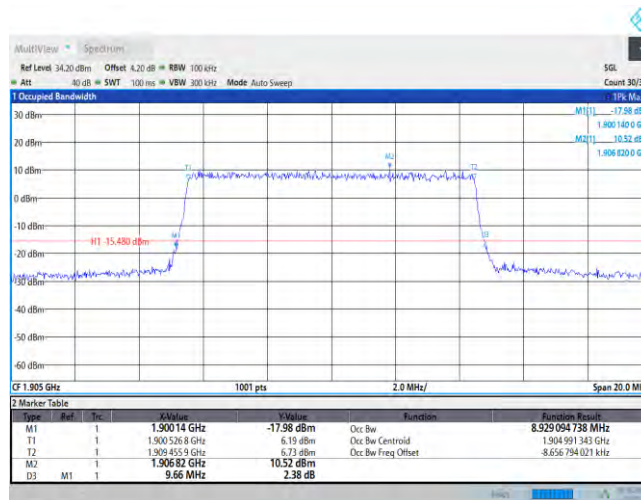
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Band2-10MHz-256QAM-18900-50RB#0



14:49:22 10.10.2022

Band2-10MHz-256QAM-19150-50RB#0



14:49:40 10.10.2022



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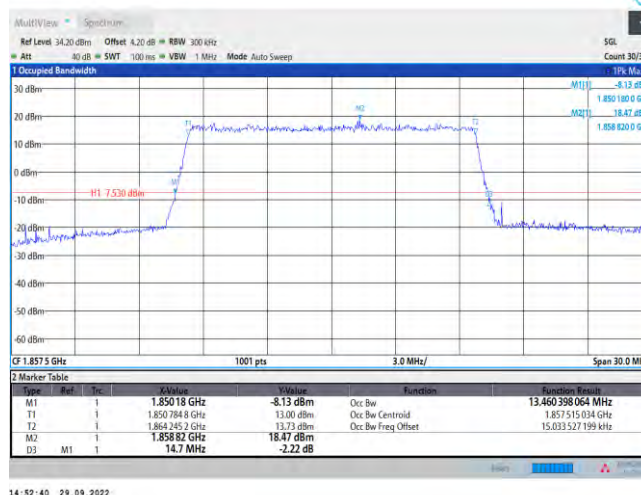
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Band2-15MHz-QPSK-18675-75RB#0



14:52:40 29.09.2022

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



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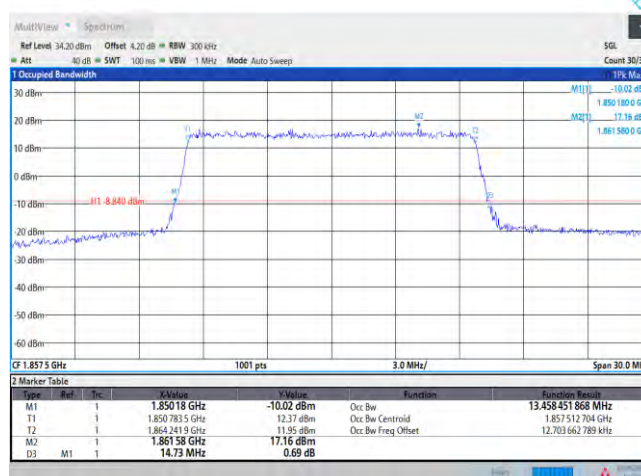
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Band2-15MHz-QPSK-19125-75RB#0



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



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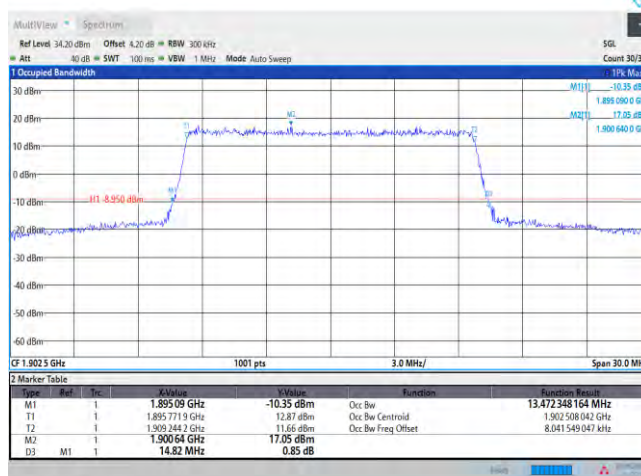
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Band2-15MHz-16QAM-19125-75RB#0



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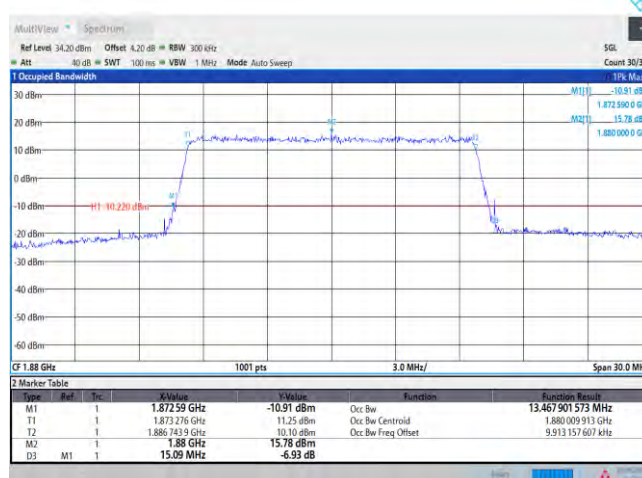
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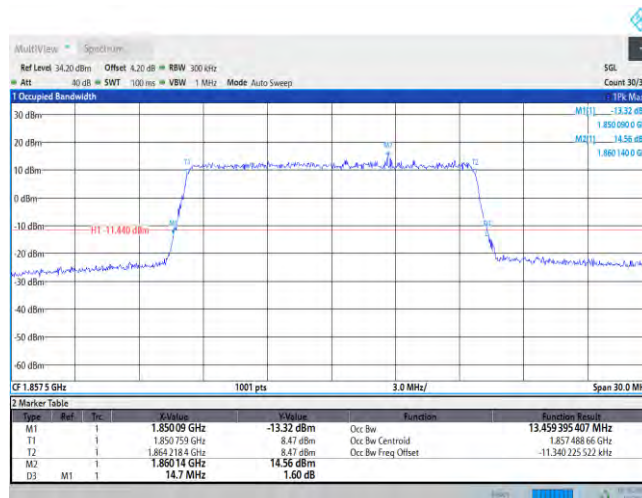
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Band2-15MHz-256QAM-18675-75RB#0



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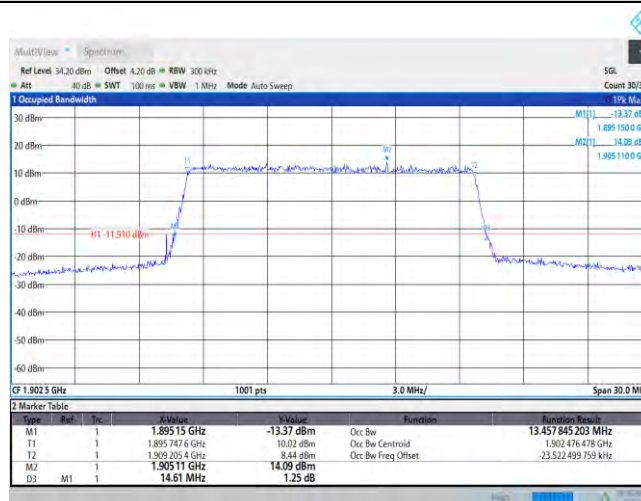
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Band2-15MHz-256QAM-19125-75RB#0



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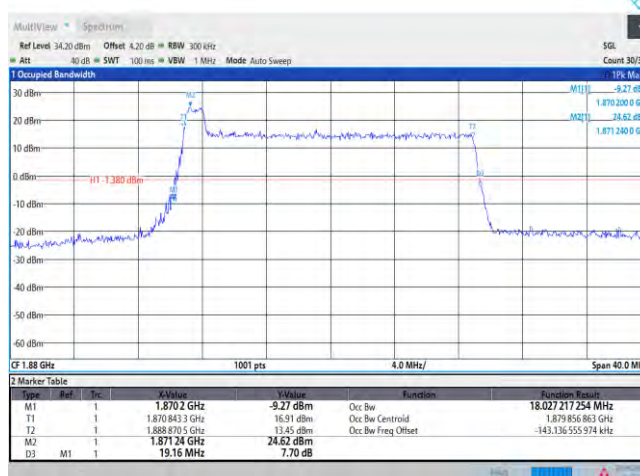
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Band2-20MHz-QPSK-18900-100RB#0



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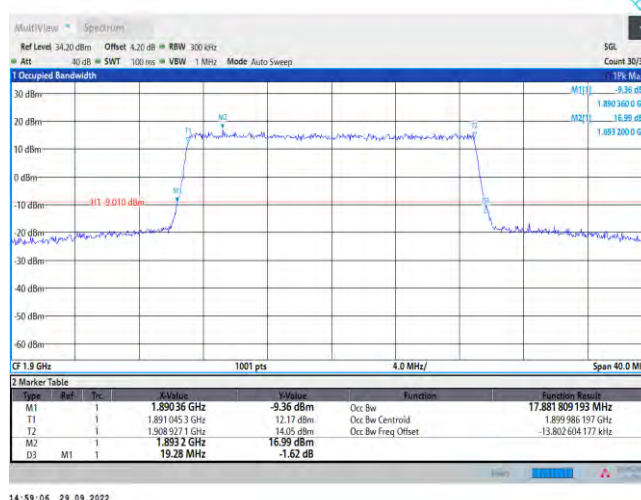
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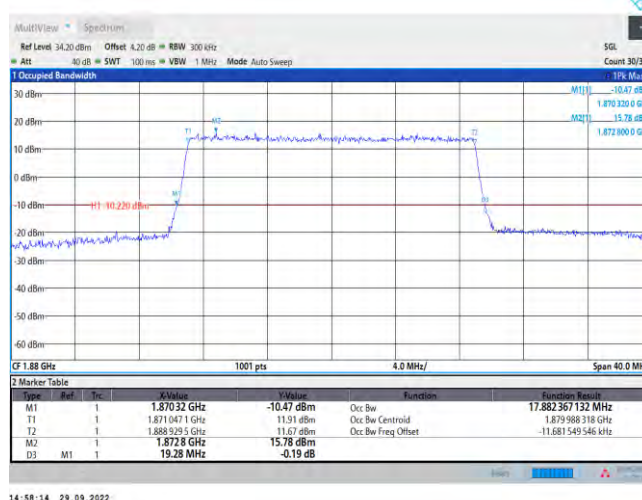
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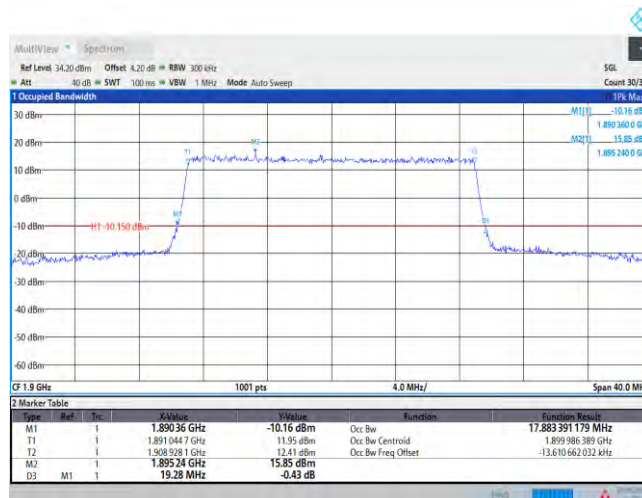
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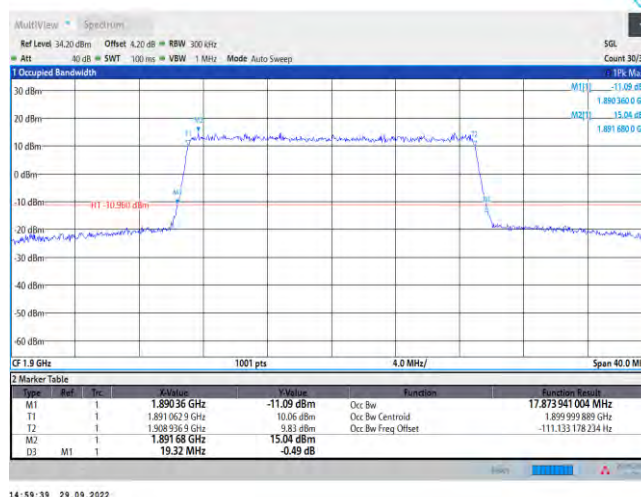
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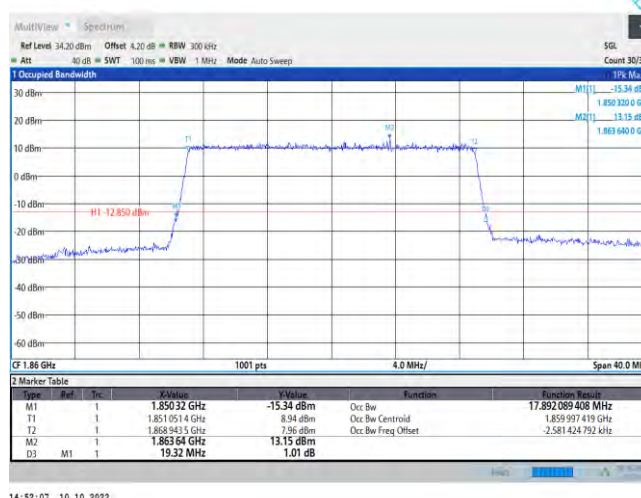
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Band2-20MHz-64QAM-19100-100RB#0



Band2-20MHz-256QAM-18700-100RB#0



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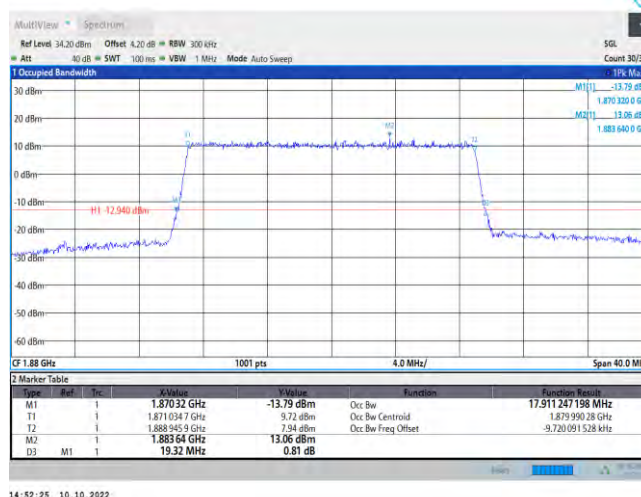
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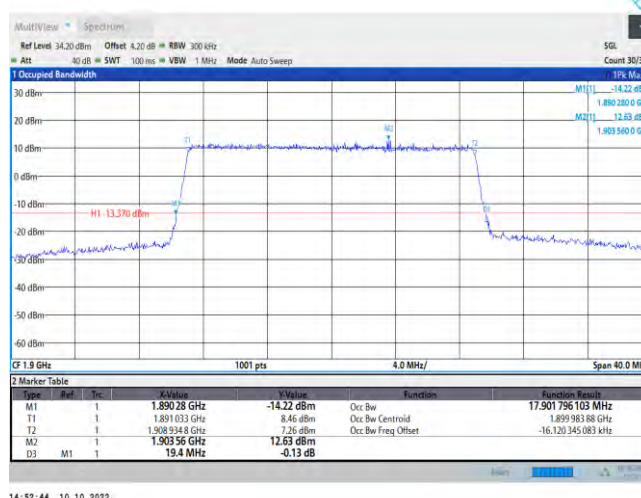
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Band2-20MHz-256QAM-18900-100RB#0



14:52:25 10.10.2022

Band2-20MHz-256QAM-19100-100RB#0



14:52:44 10.10.2022



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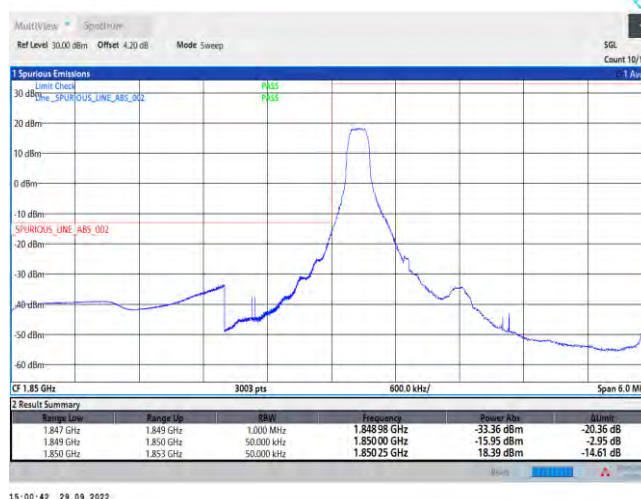
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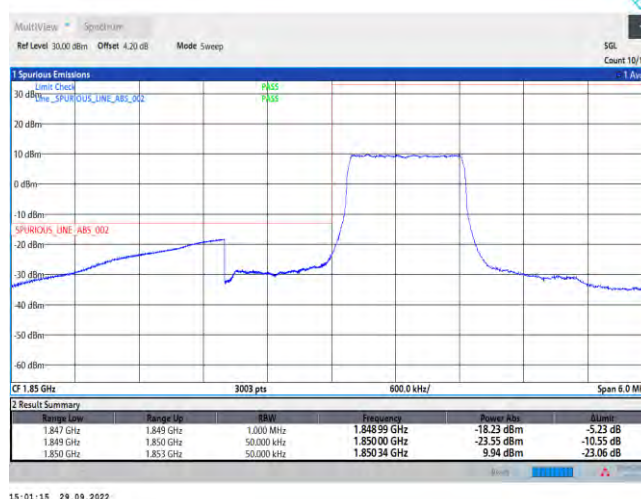
Band Edge

Test Graphs

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



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



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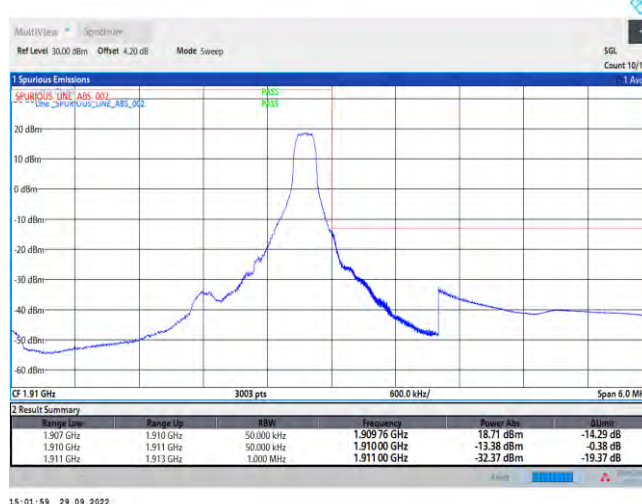
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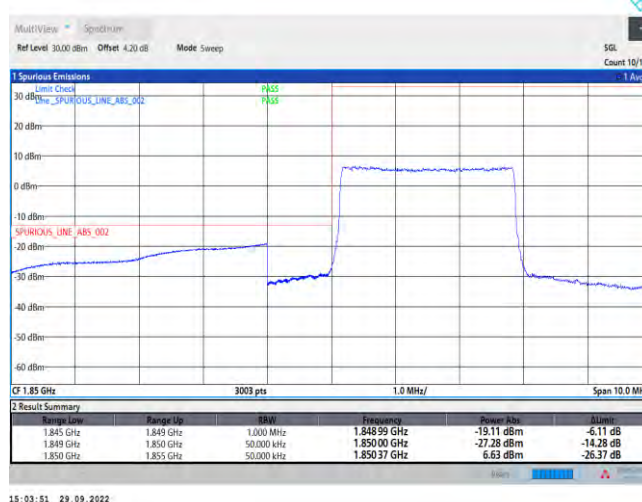
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Band2-3MHz-QPSK-18615-1RB#0



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



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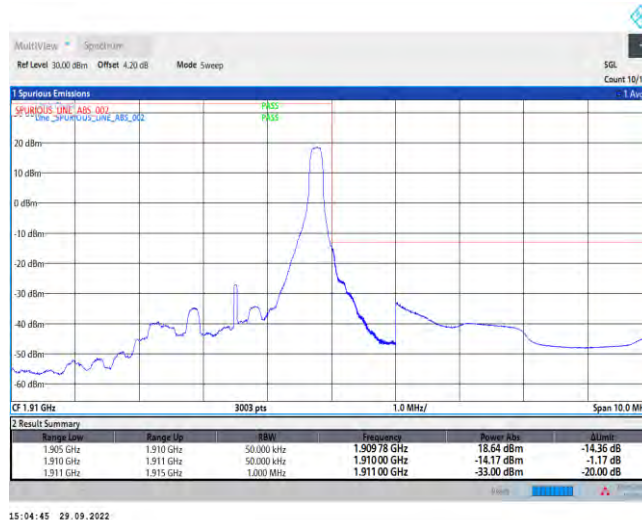
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Band2-3MHz-QPSK-19185-1RB#14



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



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



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



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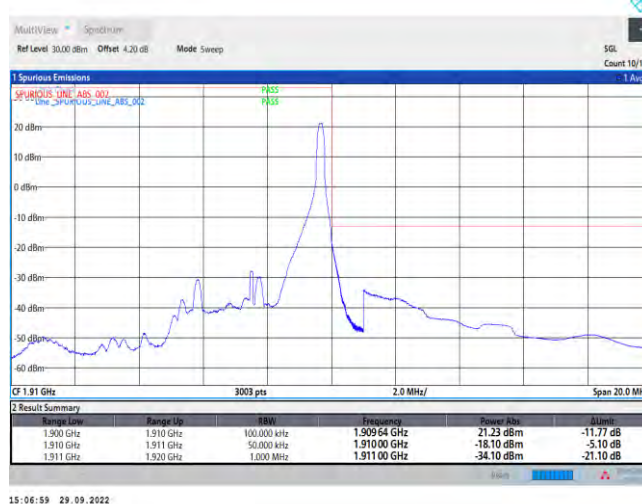
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Band2-5MHz-QPSK-19175-1RB#24



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



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



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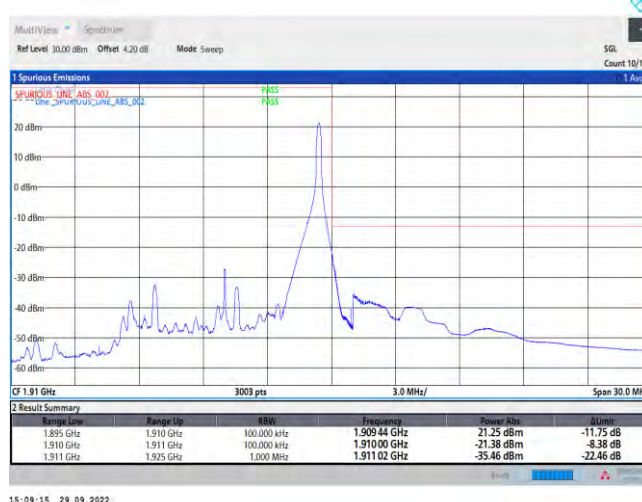
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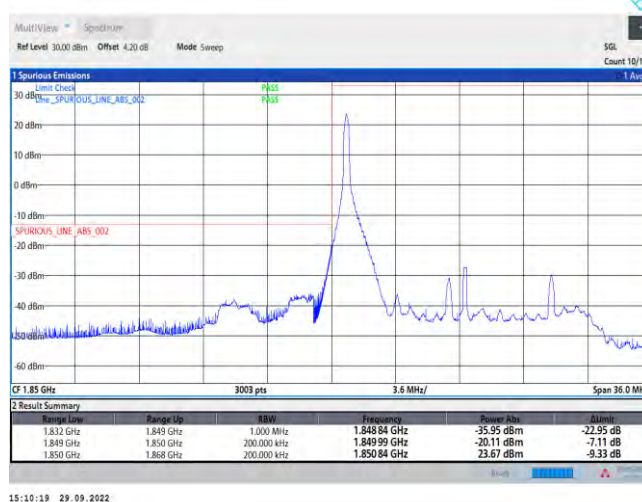
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Band2-15MHz-QPSK-18675-75RB#0



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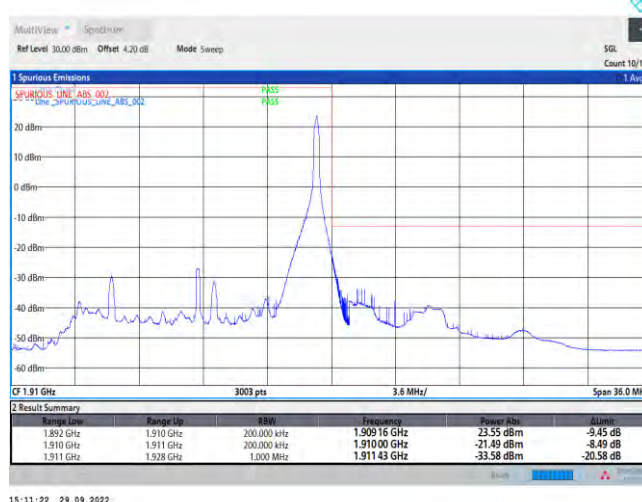
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Band2-15MHz-QPSK-19125-1RB#74



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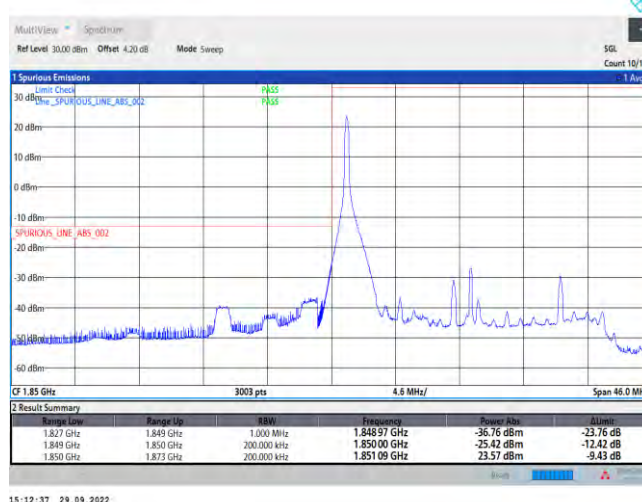
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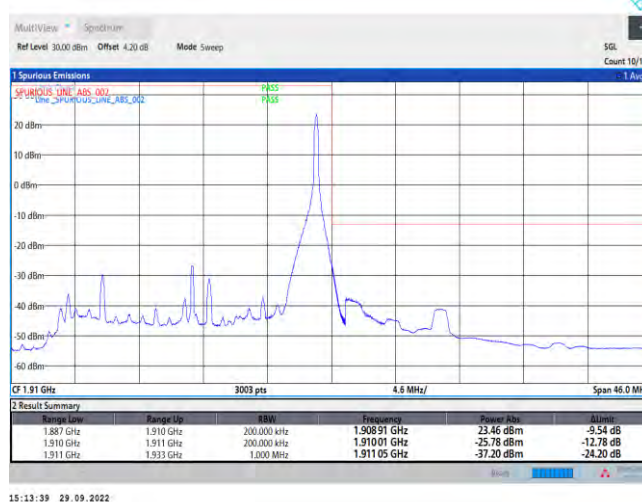
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Band2-20MHz-QPSK-19100-1RB#99



15:13:39 29.09.2022

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



15:14:02 29.09.2022



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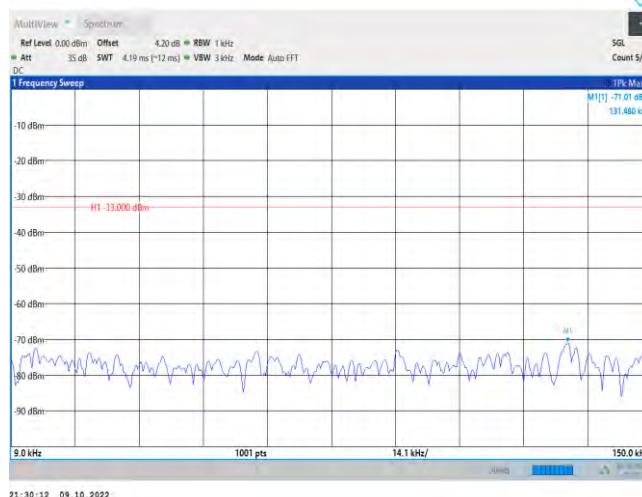
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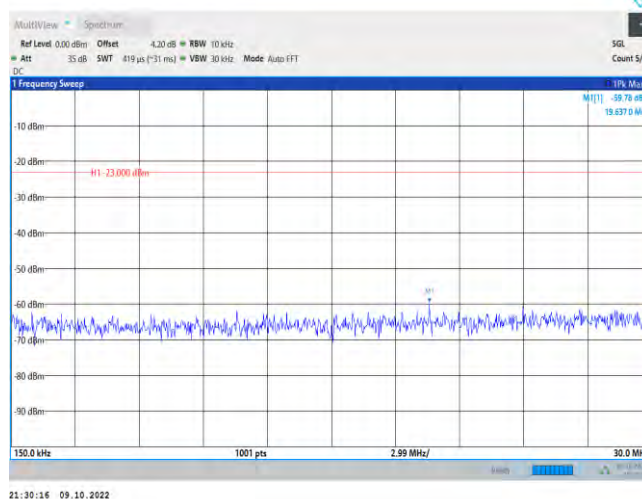
Conducted Spurious Emission

Test Graphs

Band2-20MHz-QPSK-18700-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:0.15~30MHz



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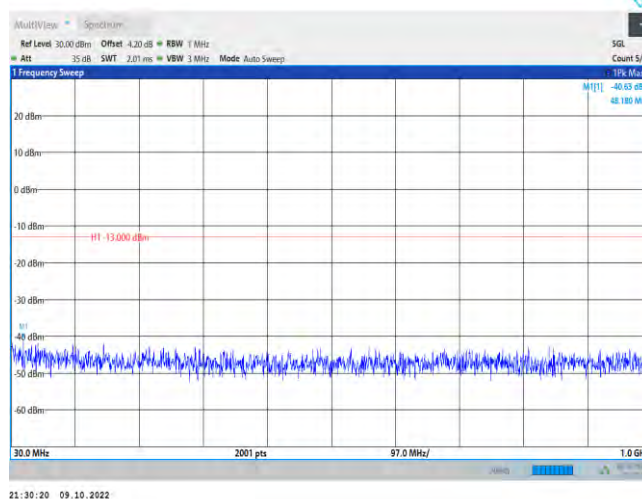
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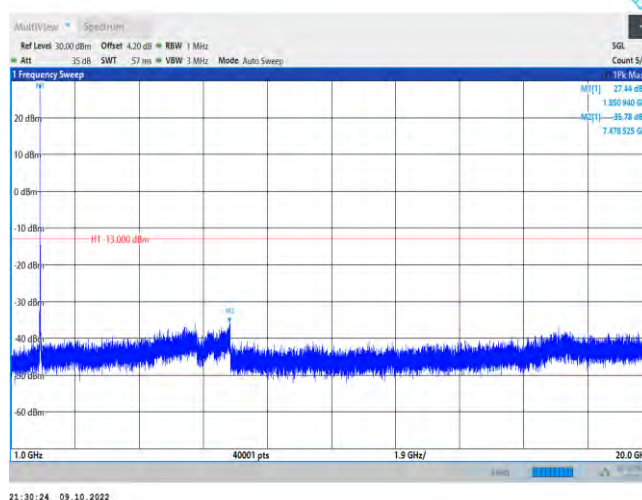
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-18700-1RB#0-Range4:1000~20000MHz



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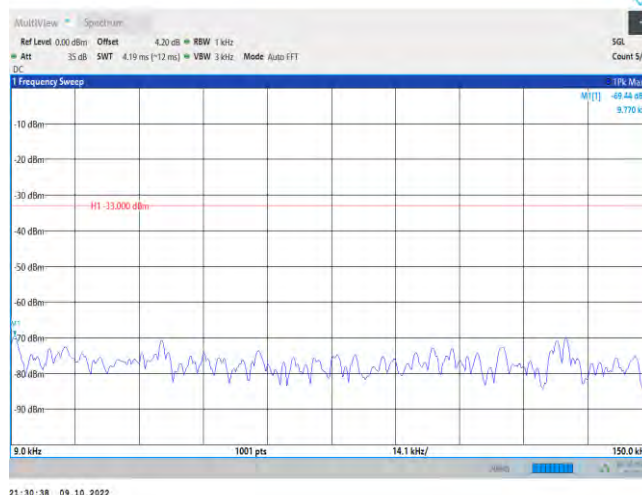
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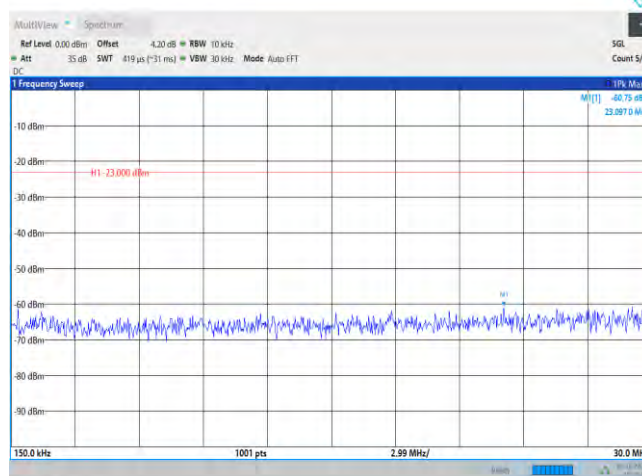
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



21:30:38 09.10.2022

Band2-20MHz-QPSK-18900-1RB#0-Range2:0.15~30MHz



21:30:42 09.10.2022



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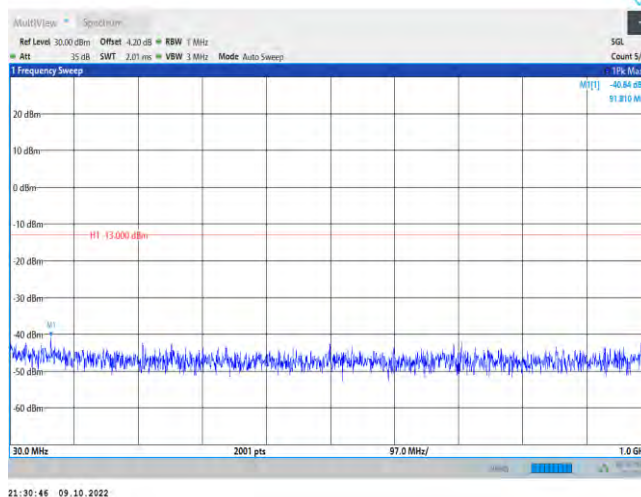
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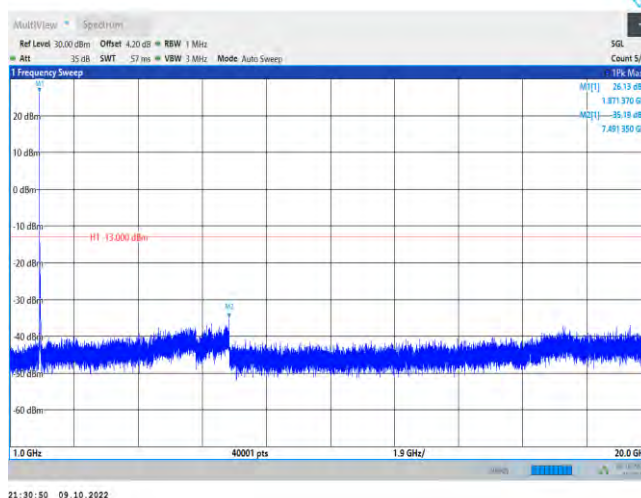
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range4:1000~20000MHz



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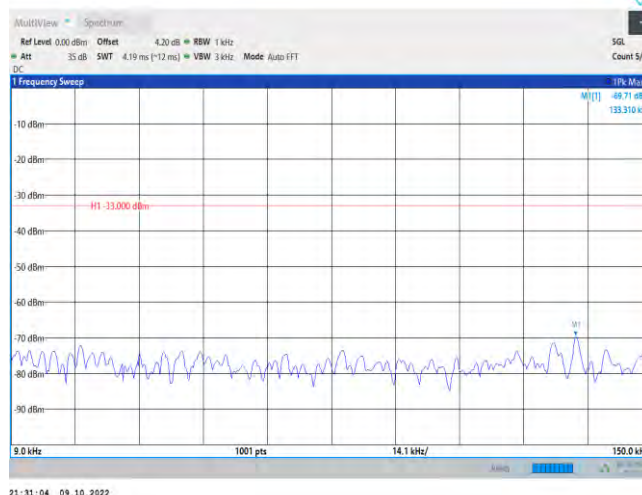
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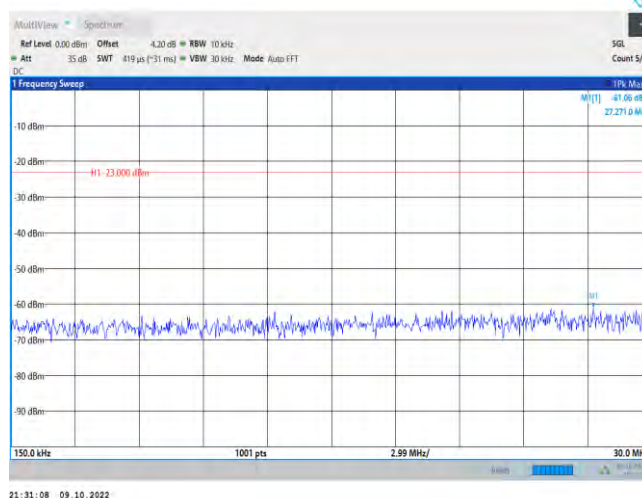
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-19100-1RB#0-Range2:0.15~30MHz



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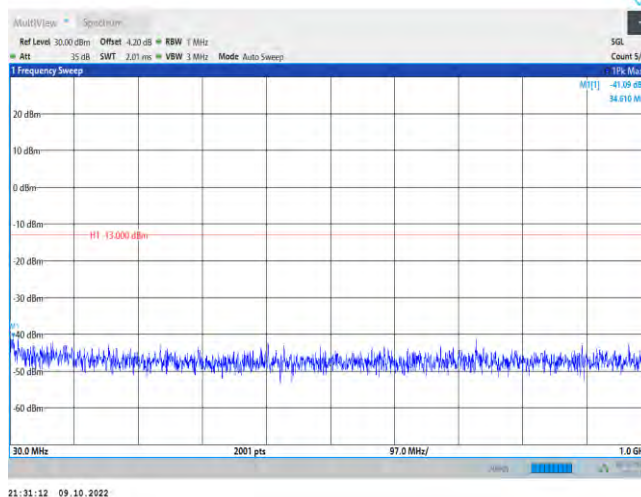
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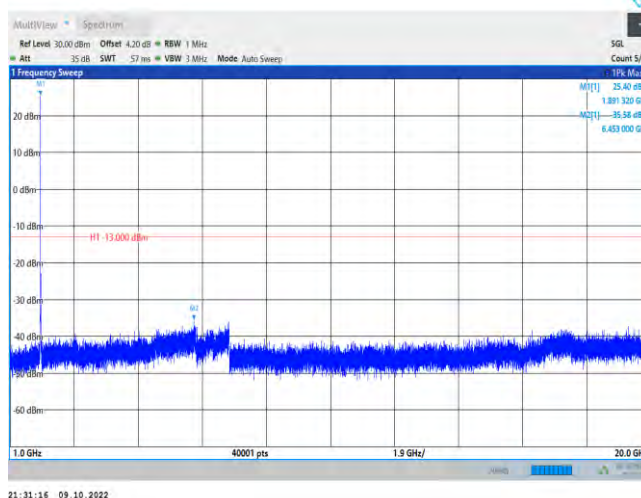
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band2_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	57.94	-45.51	29.98	-52.85	-13.00	39.85	215	256	Horizontal
2	5553.2700	49.79	-45.15	32.97	-57.65	-13.00	44.65	236	209	Horizontal
3	7404.3600	46.37	-43.40	36.49	-55.80	-13.00	42.80	251	121	Horizontal
4	9255.4500	38.69	-40.23	38.38	-58.42	-13.00	45.42	145	225	Horizontal
5	11106.5400	35.39	-37.93	39.09	-58.71	-13.00	45.71	126	75	Horizontal
6	12957.6300	32.69	-37.24	39.79	-60.02	-13.00	47.02	265	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	63.04	-45.51	29.98	-47.75	-13.00	34.75	215	320	Vertical
2	5553.2700	58.66	-45.15	32.97	-48.78	-13.00	35.78	136	90	Vertical
3	7404.3600	46.48	-43.40	36.49	-55.69	-13.00	42.69	251	121	Vertical
4	9255.4500	39.92	-40.23	38.38	-57.19	-13.00	44.19	145	360	Vertical
5	11106.5400	38.46	-37.93	39.09	-55.64	-13.00	42.64	169	59	Vertical
6	12957.6300	34.96	-37.24	39.79	-57.75	-13.00	44.75	192	335	Vertical



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Test Band = LTE Band2_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	62.53	-45.68	30.12	-48.29	-13.00	35.29	211	180	Horizontal
2	5613.2700	49.93	-45.04	33.07	-57.30	-13.00	44.30	169	288	Horizontal
3	7484.3600	44.82	-43.18	36.45	-57.17	-13.00	44.17	125	44	Horizontal
4	9355.4500	39.74	-40.00	38.46	-57.07	-13.00	44.07	321	121	Horizontal
5	11226.5400	34.65	-37.40	39.11	-58.90	-13.00	45.90	154	44	Horizontal
6	13097.6300	31.10	-37.01	39.87	-61.29	-13.00	48.29	125	106	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	66.50	-45.68	30.12	-44.32	-13.00	31.32	163	90	Vertical
2	5613.2700	56.55	-45.04	33.07	-50.68	-13.00	37.68	251	136	Vertical
3	7484.3600	48.39	-43.18	36.45	-53.60	-13.00	40.60	145	120	Vertical
4	9355.4500	40.30	-40.00	38.46	-56.51	-13.00	43.51	159	242	Vertical
5	11226.5400	37.32	-37.40	39.11	-56.23	-13.00	43.23	142	318	Vertical
6	13097.6300	33.43	-37.01	39.87	-58.96	-13.00	45.96	133	360	Vertical



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Test Band = LTE Band2_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	59.47	-45.85	30.27	-51.37	-13.00	38.37	169	242	Horizontal
2	5673.2700	51.97	-44.91	33.29	-54.91	-13.00	41.91	158	272	Horizontal
3	7564.3600	45.54	-43.00	36.41	-56.32	-13.00	43.32	142	359	Horizontal
4	9455.4500	41.84	-40.05	38.48	-55.00	-13.00	42.00	126	197	Horizontal
5	11346.5400	37.42	-37.40	39.11	-56.13	-13.00	43.13	211	227	Horizontal
6	13237.6300	31.89	-37.08	39.96	-60.48	-13.00	47.48	196	59	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	65.46	-45.85	30.27	-45.38	-13.00	32.38	211	334	Vertical
2	5673.2700	59.79	-44.91	33.29	-47.09	-13.00	34.09	148	151	Vertical
3	7564.3600	51.43	-43.00	36.41	-50.43	-13.00	37.43	196	136	Vertical
4	9455.4500	40.53	-40.05	38.48	-56.31	-13.00	43.31	188	359	Vertical
5	11346.5400	40.64	-37.40	39.11	-52.91	-13.00	39.91	125	60	Vertical
6	13237.6300	32.18	-37.08	39.96	-60.19	-13.00	47.19	145	354	Vertical



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Test Band = LTE 2A_4A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	48.80	-46.28	29.45	-63.29	-13.00	50.29	166	239	Horizontal
2	3741.75	59.22	-45.68	30.12	-51.60	-13.00	38.60	214	225	Horizontal
3	5133.2700	46.65	-45.34	32.95	-61.00	-13.00	48.00	133	163	Horizontal
4	5553.2700	47.11	-45.15	32.97	-60.33	-13.00	47.33	258	148	Horizontal
5	6844.3600	46.09	-44.14	35.89	-57.42	-13.00	44.42	149	357	Horizontal
6	7404.3600	44.82	-43.40	36.49	-57.35	-13.00	44.35	178	2	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447	58.60	-46.27	29.47	-53.46	-13.00	40.46	245	1	Vertical
2	3742.5	66.00	-45.68	30.12	-44.82	-13.00	31.82	166	300	Vertical
3	5171.25	50.97	-45.31	32.97	-56.62	-13.00	43.62	198	2	Vertical
4	5613	55.26	-45.04	33.07	-51.97	-13.00	38.97	147	132	Vertical
5	6844.3600	46.03	-44.14	35.89	-57.48	-13.00	44.48	175	346	Vertical
6	7404.3600	44.95	-43.40	36.49	-57.22	-13.00	44.22	122	315	Vertical



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Test Band = LTE 2A_4A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447	54.53	-46.27	29.47	-57.53	-13.00	44.53	284	239	Horizontal
2	3742.1800	58.12	-45.68	30.12	-52.70	-13.00	39.70	169	2	Horizontal
3	5170.7700	47.86	-45.31	32.97	-59.73	-13.00	46.73	154	299	Horizontal
4	5613.2700	49.19	-45.04	33.07	-58.04	-13.00	45.04	125	99	Horizontal
5	6894.3600	45.46	-44.10	35.95	-57.95	-13.00	44.95	142	299	Horizontal
6	7484.3600	44.84	-43.18	36.45	-57.15	-13.00	44.15	133	13	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.1800	56.13	-46.27	29.47	-55.93	-13.00	42.93	255	357	Vertical
2	3742.1800	65.39	-45.68	30.12	-45.43	-13.00	32.43	142	102	Vertical
3	5170.7700	47.72	-45.31	32.97	-59.87	-13.00	46.87	136	180	Vertical
4	5613.2700	54.25	-45.04	33.07	-52.98	-13.00	39.98	266	270	Vertical
5	6894.3600	46.03	-44.10	35.95	-57.38	-13.00	44.38	212	87	Vertical
6	7484.3600	48.61	-43.18	36.45	-53.38	-13.00	40.38	194	116	Vertical



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Test Band = LTE 2A_4A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	50.10	-46.27	29.50	-61.93	-13.00	48.93	156	133	Horizontal
2	3782.1800	48.24	-45.85	30.27	-62.60	-13.00	49.60	148	2	Horizontal
3	5208.2700	47.12	-45.26	32.98	-60.42	-13.00	47.42	196	13	Horizontal
4	5673.2700	46.77	-44.91	33.29	-60.11	-13.00	47.11	251	0	Horizontal
5	6944.3600	46.54	-43.85	36.01	-56.56	-13.00	43.56	175	238	Horizontal
6	7564.3600	45.18	-43.00	36.41	-56.68	-13.00	43.68	142	133	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	49.99	-46.27	29.50	-62.04	-13.00	49.04	236	285	Vertical
2	3782.1800	48.75	-45.85	30.27	-62.09	-13.00	49.09	255	42	Vertical
3	5208.2700	46.88	-45.26	32.98	-60.66	-13.00	47.66	149	147	Vertical
4	5673.2700	47.41	-44.91	33.29	-59.47	-13.00	46.47	168	192	Vertical
5	6944.3600	47.11	-43.85	36.01	-55.99	-13.00	42.99	188	147	Vertical
6	7564.3600	44.94	-43.00	36.41	-56.92	-13.00	43.92	197	330	Vertical



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Test Band = LTE 2A_12A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	37.52	-25.24	25.62	-57.36	-13.00	44.36	256	222	Horizontal
2	2098.7700	38.47	-24.20	26.99	-54.00	-13.00	41.00	148	41	Horizontal
3	2798.3600	38.81	-22.56	28.48	-50.54	-13.00	37.54	125	81	Horizontal
4	3702.1800	49.52	-45.51	29.98	-61.27	-13.00	48.27	196	224	Horizontal
5	5553.2700	47.05	-45.15	32.97	-60.39	-13.00	47.39	213	102	Horizontal
6	7404.3600	45.66	-43.40	36.49	-56.51	-13.00	43.51	131	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	37.56	-25.24	25.62	-57.32	-13.00	44.32	248	90	Vertical
2	2098.7700	37.98	-24.20	26.99	-54.49	-13.00	41.49	196	304	Vertical
3	2798.3600	38.28	-22.56	28.48	-51.07	-13.00	38.07	152	360	Vertical
4	3702.1800	48.56	-45.51	29.98	-62.23	-13.00	49.23	187	0	Vertical
5	5553.2700	49.24	-45.15	32.97	-58.20	-13.00	45.20	148	193	Vertical
6	7404.3600	45.19	-43.40	36.49	-56.98	-13.00	43.98	123	209	Vertical



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Test Band = LTE 2A_12A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	37.98	-25.24	25.61	-56.90	-13.00	43.90	178	294	Horizontal
2	2109.2700	37.74	-24.19	27.02	-54.69	-13.00	41.69	158	358	Horizontal
3	2812.3600	38.43	-22.61	28.54	-50.91	-13.00	37.91	169	111	Horizontal
4	3742.1800	47.72	-45.68	30.12	-63.10	-13.00	50.10	174	55	Horizontal
5	5613.2700	47.34	-45.04	33.07	-59.89	-13.00	46.89	135	55	Horizontal
6	7484.3600	44.06	-43.18	36.45	-57.93	-13.00	44.93	162	331	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	37.31	-25.24	25.61	-57.57	-13.00	44.57	211	114	Vertical
2	2109.2700	38.46	-24.19	27.02	-53.97	-13.00	40.97	145	360	Vertical
3	2812.3600	38.05	-22.61	28.54	-51.29	-13.00	38.29	136	70	Vertical
4	3742.1800	51.07	-45.68	30.12	-59.75	-13.00	46.75	269	208	Vertical
5	5613.2700	47.61	-45.04	33.07	-59.62	-13.00	46.62	251	254	Vertical
6	7484.3600	44.08	-43.18	36.45	-57.91	-13.00	44.91	140	133	Vertical



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Test Band = LTE 2A_12A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	38.83	-25.23	25.60	-56.06	-13.00	43.06	214	192	Horizontal
2	2119.7700	38.02	-24.18	27.06	-54.36	-13.00	41.36	133	325	Horizontal
3	2826.3600	38.90	-22.67	28.60	-50.43	-13.00	37.43	265	132	Horizontal
4	3782.1800	48.61	-45.85	30.27	-62.23	-13.00	49.23	142	100	Horizontal
5	5673.2700	46.57	-44.91	33.29	-60.31	-13.00	47.31	196	37	Horizontal
6	7564.3600	44.57	-43.00	36.41	-57.29	-13.00	44.29	254	146	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	38.29	-25.23	25.60	-56.60	-13.00	43.60	254	163	Vertical
2	2119.7700	38.44	-24.18	27.06	-53.94	-13.00	40.94	145	90	Vertical
3	2826.3600	38.11	-22.67	28.60	-51.22	-13.00	38.22	126	326	Vertical
4	3782.1800	49.75	-45.85	30.27	-61.09	-13.00	48.09	291	5	Vertical
5	5673.2700	47.43	-44.91	33.29	-59.45	-13.00	46.45	148	356	Vertical
6	7564.3600	44.22	-43.00	36.41	-57.64	-13.00	44.64	173	0	Vertical



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Test Band = LTE 2A_66A_TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	49.41	-46.28	29.43	-62.70	-13.00	49.70	245	255	Horizontal
2	3702.1800	47.23	-45.51	29.98	-63.56	-13.00	50.56	122	193	Horizontal
3	5106.2700	45.87	-45.36	32.94	-61.82	-13.00	48.82	198	116	Horizontal
4	5553.2700	47.78	-45.15	32.97	-59.66	-13.00	46.66	147	147	Horizontal
5	6808.3600	46.90	-44.16	35.85	-56.67	-13.00	43.67	136	344	Horizontal
6	7404.3600	44.45	-43.40	36.49	-57.72	-13.00	44.72	217	300	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	48.98	-46.28	29.43	-63.13	-13.00	50.13	156	147	Vertical
2	3702.1800	48.08	-45.51	29.98	-62.71	-13.00	49.71	251	1	Vertical
3	5106.2700	46.43	-45.36	32.94	-61.26	-13.00	48.26	148	147	Vertical
4	5553.2700	46.98	-45.15	32.97	-60.46	-13.00	47.46	169	0	Vertical
5	6808.3600	47.32	-44.16	35.85	-56.25	-13.00	43.25	142	357	Vertical
6	7404.3600	46.12	-43.40	36.49	-56.05	-13.00	43.05	136	316	Vertical



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Test Band = LTE 2A_66A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	49.26	-46.27	29.48	-62.79	-13.00	49.79	177	1	Horizontal
2	3742.1800	58.92	-45.68	30.12	-51.90	-13.00	38.90	198	1	Horizontal
3	5181.2700	47.34	-45.30	32.98	-60.24	-13.00	47.24	254	102	Horizontal
4	5613.2700	48.38	-45.04	33.07	-58.85	-13.00	45.85	162	0	Horizontal
5	6908.3600	46.14	-44.05	35.97	-57.20	-13.00	44.20	186	313	Horizontal
6	7484.3600	44.30	-43.18	36.45	-57.69	-13.00	44.69	194	1	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	49.99	-46.27	29.48	-62.06	-13.00	49.06	214	56	Vertical
2	3742.1800	67.45	-45.68	30.12	-43.37	-13.00	30.37	185	287	Vertical
3	5181.2700	46.57	-45.30	32.98	-61.01	-13.00	48.01	136	14	Vertical
4	5613.2700	54.06	-45.04	33.07	-53.17	-13.00	40.17	266	270	Vertical
5	6908.3600	46.31	-44.05	35.97	-57.03	-13.00	44.03	261	256	Vertical
6	7484.3600	46.52	-43.18	36.45	-55.47	-13.00	42.47	148	195	Vertical



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Test Band = LTE 2A_66A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	50.75	-46.25	29.52	-61.24	-13.00	48.24	100	255	Horizontal
2	3782.1800	48.37	-45.85	30.27	-62.47	-13.00	49.47	149	104	Horizontal
3	5256.2700	46.74	-45.17	32.94	-60.76	-13.00	47.76	168	331	Horizontal
4	5673.2700	47.59	-44.91	33.29	-59.29	-13.00	46.29	152	87	Horizontal
5	7008.3600	46.68	-43.61	36.10	-56.09	-13.00	43.09	143	179	Horizontal
6	7564.3600	45.05	-43.00	36.41	-56.81	-13.00	43.81	211	87	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	49.53	-46.25	29.52	-62.46	-13.00	49.46	169	55	Vertical
2	3782.1800	50.02	-45.85	30.27	-60.82	-13.00	47.82	145	224	Vertical
3	5256.2700	46.36	-45.17	32.94	-61.14	-13.00	48.14	125	300	Vertical
4	5673.2700	46.45	-44.91	33.29	-60.43	-13.00	47.43	188	356	Vertical
5	7008.3600	45.69	-43.61	36.10	-57.08	-13.00	44.08	130	329	Vertical
6	7564.3600	44.95	-43.00	36.41	-56.91	-13.00	43.91	149	5	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-6.00	-0.003191	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	3.00	0.001596	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	0.20	0.000106	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	6.30	0.003351	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	6.80	0.003617	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	4.50	0.002394	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	9.70	0.005160	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-1.60	-0.000851	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	12.50	0.006649	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-7.00	-0.003723	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	7.60	0.004043	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	9.20	0.004894	PASS

---End of Attachment---



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