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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	22.75	25.52	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.74	25.51	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.73	25.5	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.74	24.51	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.36	26.13	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.84	25.61	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.85	25.62	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.91	24.68	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.42	26.19	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.01	25.78	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.08	25.85	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.01	24.78	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.78	24.55	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.12	24.89	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.79	24.56	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.8	23.57	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.87	24.64	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22	24.77	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.96	24.73	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.95	23.72	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.19	24.96	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.24	25.01	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.07	24.84	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.04	23.81	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.03	23.8	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	20.84	23.61	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	20.95	23.72	33	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	19.83	22.6	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.12	23.89	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	20.99	23.76	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.05	23.82	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	19.95	22.72	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.08	23.85	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.22	23.99	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.19	23.96	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.03	22.8	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	17.76	20.53	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	17.8	20.57	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	17.68	20.45	33	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	17.78	20.55	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	18.01	20.78	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	17.93	20.7	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	17.88	20.65	33	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	17.91	20.68	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	17.95	20.72	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	18.06	20.83	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	18.19	20.96	33	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	18.03	20.8	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.85	25.62	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.8	25.57	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.72	25.49	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.82	24.59	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.32	26.09	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.92	25.69	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.79	25.56	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.95	24.72	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.25	26.02	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.06	25.83	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.94	25.71	33	PASS



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Band2	3MHz	QPSK	19185	15RB#0	22.05	24.82	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.94	24.71	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.94	24.71	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.85	24.62	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.85	23.62	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.89	24.66	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.99	24.76	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.07	24.84	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.02	23.79	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.09	24.86	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.11	24.88	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.92	24.69	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.1	23.87	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.1	23.87	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	20.92	23.69	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	20.81	23.58	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	19.84	22.61	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	20.97	23.74	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.02	23.79	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.18	23.95	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	19.91	22.68	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.11	23.88	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.27	24.04	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.24	24.01	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.1	22.87	33	PASS
Band2	3MHz	256QAM	18615	1RB#0	17.86	20.63	33	PASS
Band2	3MHz	256QAM	18615	1RB#8	17.92	20.69	33	PASS
Band2	3MHz	256QAM	18615	1RB#14	17.8	20.57	33	PASS
Band2	3MHz	256QAM	18615	15RB#0	17.83	20.6	33	PASS
Band2	3MHz	256QAM	18900	1RB#0	17.9	20.67	33	PASS
Band2	3MHz	256QAM	18900	1RB#8	18.03	20.8	33	PASS
Band2	3MHz	256QAM	18900	1RB#14	18.02	20.79	33	PASS



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Band2	3MHz	256QAM	18900	15RB#0	17.93	20.7	33	PASS
Band2	3MHz	256QAM	19185	1RB#0	18.15	20.92	33	PASS
Band2	3MHz	256QAM	19185	1RB#8	18.17	20.94	33	PASS
Band2	3MHz	256QAM	19185	1RB#14	18.15	20.92	33	PASS
Band2	3MHz	256QAM	19185	15RB#0	18.04	20.81	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.96	25.73	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.77	25.54	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.81	25.58	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.79	24.56	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.24	26.01	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.9	25.67	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.93	25.7	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.98	24.75	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.36	26.13	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.05	25.82	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.05	25.82	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.12	24.89	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22	24.77	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.99	24.76	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.86	24.63	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.82	23.59	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.91	24.68	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.16	24.93	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.03	24.8	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.99	23.76	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.09	24.86	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.15	24.92	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.22	24.99	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.12	23.89	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	20.93	23.7	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.07	23.84	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	20.87	23.64	33	PASS



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Band2	5MHz	64QAM	18900	1RB#0	21.07	23.84	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.18	23.95	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.01	23.78	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	19.99	22.76	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.28	24.05	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.2	23.97	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.12	23.89	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.15	22.92	33	PASS
Band2	5MHz	256QAM	18625	1RB#0	17.81	20.58	33	PASS
Band2	5MHz	256QAM	18625	1RB#12	18.04	20.81	33	PASS
Band2	5MHz	256QAM	18625	1RB#24	17.89	20.66	33	PASS
Band2	5MHz	256QAM	18625	25RB#0	17.69	20.46	33	PASS
Band2	5MHz	256QAM	18900	1RB#0	18.01	20.78	33	PASS
Band2	5MHz	256QAM	18900	1RB#12	18.08	20.85	33	PASS
Band2	5MHz	256QAM	18900	1RB#24	18.09	20.86	33	PASS
Band2	5MHz	256QAM	18900	25RB#0	17.94	20.71	33	PASS
Band2	5MHz	256QAM	19175	1RB#0	18.08	20.85	33	PASS
Band2	5MHz	256QAM	19175	1RB#12	18.24	21.01	33	PASS
Band2	5MHz	256QAM	19175	1RB#24	18.21	20.98	33	PASS
Band2	5MHz	256QAM	19175	25RB#0	18.12	20.89	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.87	25.64	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.95	25.72	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.94	25.71	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.88	24.65	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.33	26.1	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.94	25.71	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.93	25.7	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.03	24.8	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.41	26.18	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.08	25.85	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.14	25.91	33	PASS



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Band2	10MHz	16QAM	18650	1RB#0	21.83	24.6	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.93	24.7	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.98	24.75	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.89	23.66	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.98	24.75	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.05	24.82	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.05	24.82	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.03	23.8	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.15	24.92	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.36	25.13	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.22	24.99	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.12	23.89	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.04	23.81	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.06	23.83	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	20.92	23.69	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	19.9	22.67	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.09	23.86	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.21	23.98	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.15	23.92	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.02	22.79	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.16	23.93	33	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.21	23.98	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.25	24.02	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.04	22.81	33	PASS
Band2	10MHz	256QAM	18650	1RB#0	17.89	20.66	33	PASS
Band2	10MHz	256QAM	18650	1RB#24	18.05	20.82	33	PASS
Band2	10MHz	256QAM	18650	1RB#49	17.92	20.69	33	PASS
Band2	10MHz	256QAM	18650	50RB#0	17.87	20.64	33	PASS
Band2	10MHz	256QAM	18900	1RB#0	17.98	20.75	33	PASS
Band2	10MHz	256QAM	18900	1RB#24	18.22	20.99	33	PASS
Band2	10MHz	256QAM	18900	1RB#49	18.04	20.81	33	PASS



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Band2	10MHz	256QAM	18900	50RB#0	17.97	20.74	33	PASS
Band2	10MHz	256QAM	19150	1RB#0	18.02	20.79	33	PASS
Band2	10MHz	256QAM	19150	1RB#24	18.19	20.96	33	PASS
Band2	10MHz	256QAM	19150	1RB#49	18.18	20.95	33	PASS
Band2	10MHz	256QAM	19150	50RB#0	18.04	20.81	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.59	25.36	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.65	25.42	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.86	25.63	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.79	24.56	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.35	26.12	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.24	26.01	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.88	25.65	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.86	24.63	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.52	26.29	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.98	25.75	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.44	26.21	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.9	24.67	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.62	24.39	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.66	24.43	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.74	24.51	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.77	23.54	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.84	24.61	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.89	24.66	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.97	24.74	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.87	23.64	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.87	24.64	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.12	24.89	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22	24.77	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.91	23.68	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	20.8	23.57	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	20.83	23.6	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	20.85	23.62	33	PASS



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Band2	15MHz	64QAM	18675	75RB#0	19.78	22.55	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	20.89	23.66	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.99	23.76	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.96	23.73	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	19.86	22.63	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	20.98	23.75	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	20.93	23.7	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.96	23.73	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	19.89	22.66	33	PASS
Band2	15MHz	256QAM	18675	1RB#0	17.71	20.48	33	PASS
Band2	15MHz	256QAM	18675	1RB#38	17.83	20.6	33	PASS
Band2	15MHz	256QAM	18675	1RB#74	17.74	20.51	33	PASS
Band2	15MHz	256QAM	18675	75RB#0	17.76	20.53	33	PASS
Band2	15MHz	256QAM	18900	1RB#0	17.81	20.58	33	PASS
Band2	15MHz	256QAM	18900	1RB#38	17.97	20.74	33	PASS
Band2	15MHz	256QAM	18900	1RB#74	18.11	20.88	33	PASS
Band2	15MHz	256QAM	18900	75RB#0	17.91	20.68	33	PASS
Band2	15MHz	256QAM	19125	1RB#0	17.95	20.72	33	PASS
Band2	15MHz	256QAM	19125	1RB#38	18.14	20.91	33	PASS
Band2	15MHz	256QAM	19125	1RB#74	18.01	20.78	33	PASS
Band2	15MHz	256QAM	19125	75RB#0	17.95	20.72	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.63	25.4	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.66	25.43	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.63	25.4	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.67	24.44	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.33	26.1	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.72	25.49	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.11	25.88	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.84	24.61	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.42	26.19	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.93	25.7	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.02	25.79	33	PASS



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Band2	20MHz	QPSK	19100	100RB#0	21.87	24.64	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.63	24.4	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.89	24.66	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.75	24.52	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.72	23.49	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.71	24.48	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.91	24.68	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.02	24.79	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.86	23.63	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.99	24.76	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.1	24.87	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.01	24.78	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.99	23.76	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	20.51	23.28	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	20.77	23.54	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	20.9	23.67	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	19.68	22.45	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	20.72	23.49	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	20.86	23.63	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	20.93	23.7	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	19.84	22.61	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.07	23.84	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.06	23.83	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	20.93	23.7	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.99	22.76	33	PASS
Band2	20MHz	256QAM	18700	1RB#0	17.69	20.46	33	PASS
Band2	20MHz	256QAM	18700	1RB#49	18.07	20.84	33	PASS
Band2	20MHz	256QAM	18700	1RB#99	17.75	20.52	33	PASS
Band2	20MHz	256QAM	18700	100RB#0	17.66	20.43	33	PASS
Band2	20MHz	256QAM	18900	1RB#0	17.88	20.65	33	PASS
Band2	20MHz	256QAM	18900	1RB#49	18.01	20.78	33	PASS
Band2	20MHz	256QAM	18900	1RB#99	17.98	20.75	33	PASS



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Band2	20MHz	256QAM	18900	100RB#0	17.89	20.66	33	PASS
Band2	20MHz	256QAM	19100	1RB#0	18.08	20.85	33	PASS
Band2	20MHz	256QAM	19100	1RB#49	18.14	20.91	33	PASS
Band2	20MHz	256QAM	19100	1RB#99	18.11	20.88	33	PASS
Band2	20MHz	256QAM	19100	100RB#0	18	20.77	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	5.42	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.42	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.44	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.36	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.20	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.38	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.72	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.64	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.76	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	6.88	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	6.84	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	6.92	13	PASS



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Test Graphs

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



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



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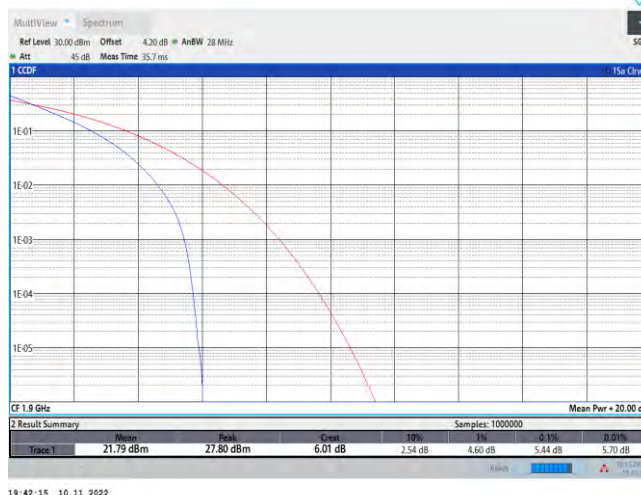
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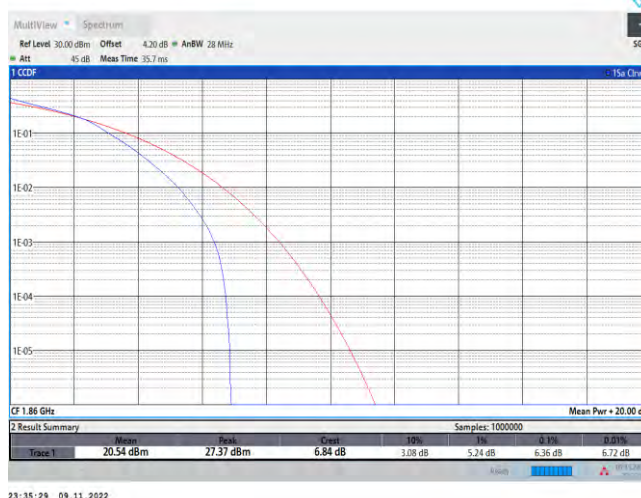
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Band2-20MHz-QPSK-19100-100RB#0



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



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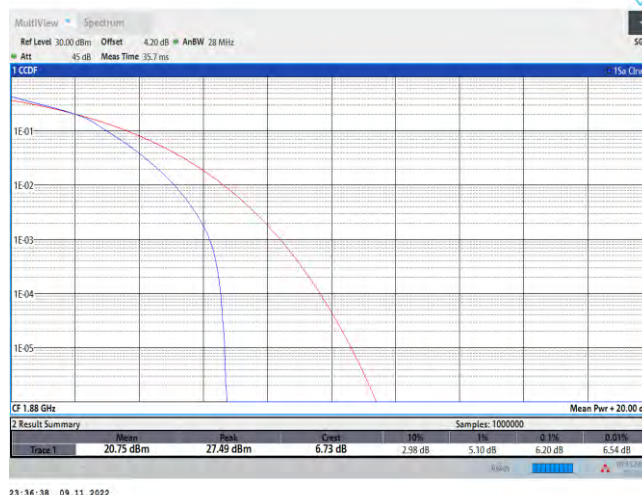
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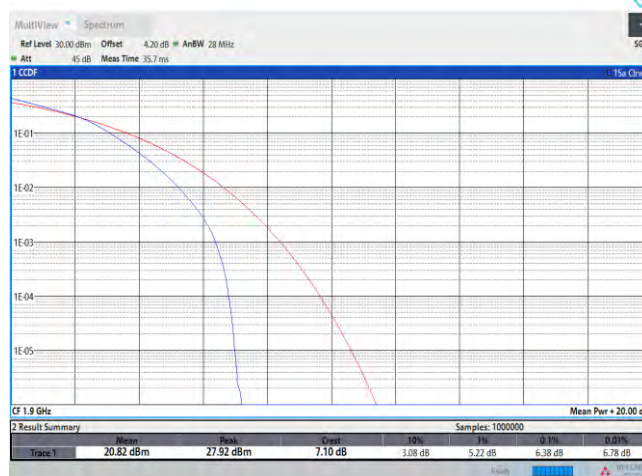
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Band2-20MHz-16QAM-18900-100RB#0



23:36:38 09.11.2022

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



23:37:46 09.11.2022



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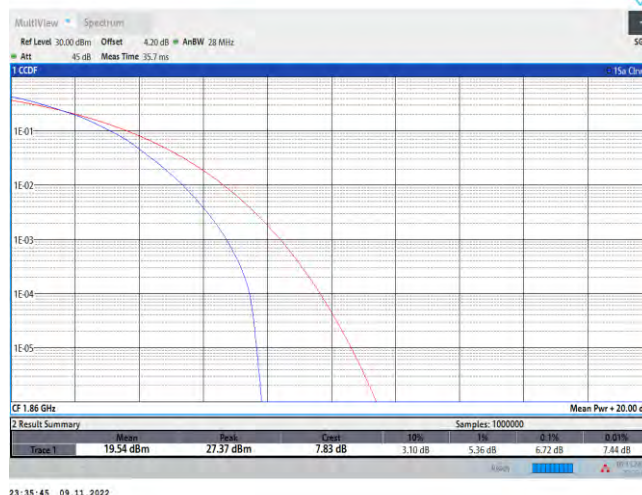
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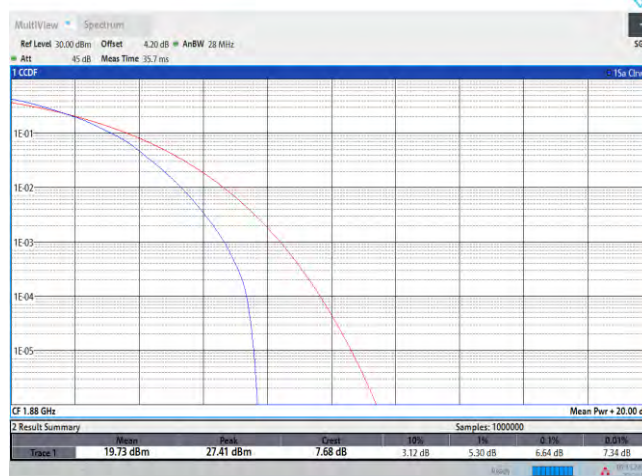
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Band2-20MHz-64QAM-18700-100RB#0



23:35:45 09.11.2022

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



23:36:55 09.11.2022



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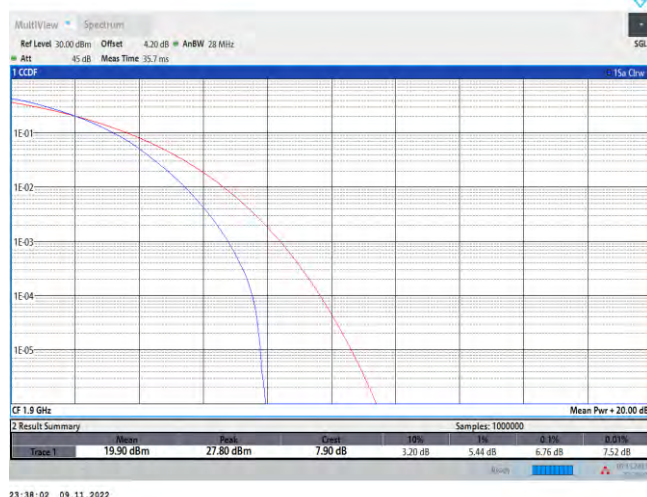
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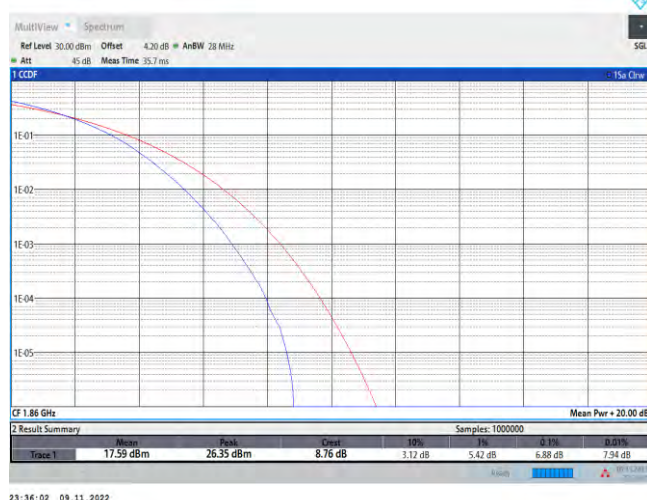
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Band2-20MHz-64QAM-19100-100RB#0



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



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



23:37:11 09.11.2022

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



23:38:19 09.11.2022



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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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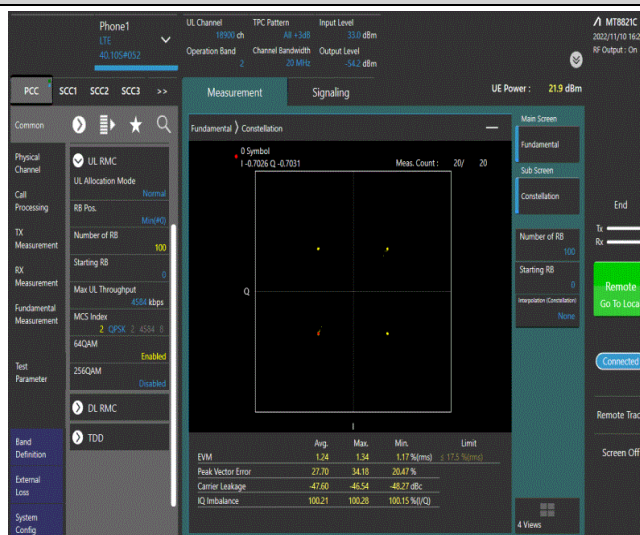
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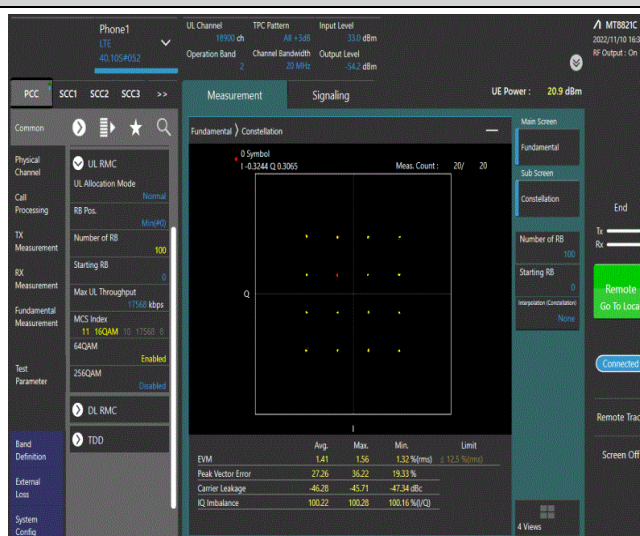
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Test Graphs

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



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



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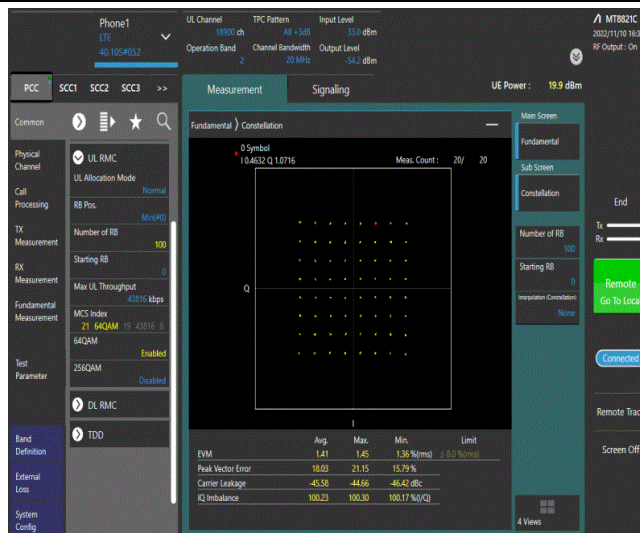
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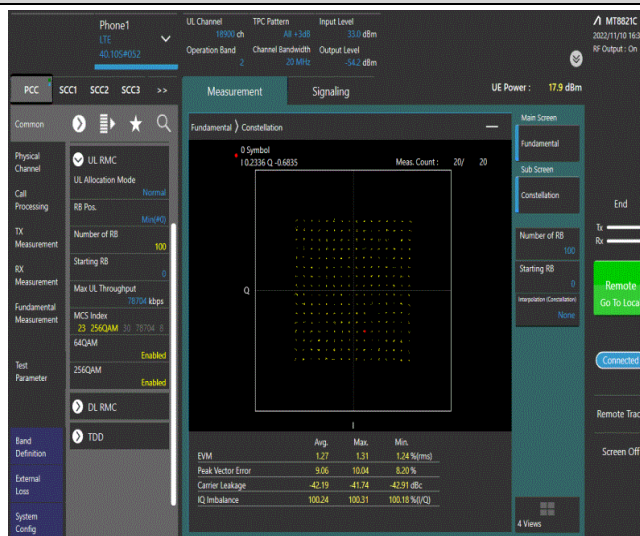
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Band2-20MHz-64QAM-18900-100RB#0



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	1.106	1.40	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.106	1.38	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.107	1.38	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.108	1.44	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.105	1.38	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.104	1.43	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.11	1.37	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.106	1.39	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.104	1.37	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	1.105	1.39	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.106	1.37	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	1.109	1.39	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.696	3.02	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7	3.08	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.698	3.10	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.702	3.06	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.701	3.04	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7	3.03	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.7	3.04	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.696	3.04	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.701	3.02	PASS
Band2	3MHz	256QAM	18615	15RB#0	2.703	3.06	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.7	3.05	PASS
Band2	3MHz	256QAM	19185	15RB#0	2.699	3.05	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.479	5.03	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	5.05	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.477	5.06	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.482	4.96	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.481	5.01	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	5.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.474	5.08	PASS



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Band2	5MHz	64QAM	19175	25RB#0	4.476	5.01	PASS
Band2	5MHz	256QAM	18625	25RB#0	4.481	5.02	PASS
Band2	5MHz	256QAM	18900	25RB#0	4.477	5.02	PASS
Band2	5MHz	256QAM	19175	25RB#0	4.485	5.04	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.933	9.90	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.946	9.86	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.938	9.80	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.955	9.88	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.941	9.90	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.948	9.82	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.947	9.88	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.942	9.82	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.936	9.92	PASS
Band2	10MHz	256QAM	18650	50RB#0	8.94	9.82	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.932	9.76	PASS
Band2	10MHz	256QAM	19150	50RB#0	8.946	9.90	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.487	14.94	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.479	14.97	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.489	15.06	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.5	15.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.478	15.06	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.481	15.06	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.494	14.94	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.477	14.97	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.489	14.97	PASS
Band2	15MHz	256QAM	18675	75RB#0	13.48	15.00	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.469	14.88	PASS
Band2	15MHz	256QAM	19125	75RB#0	13.479	15.03	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.914	19.72	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.89	19.64	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.93	19.80	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.931	19.68	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.917	19.68	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.96	19.64	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.929	19.68	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.887	19.64	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.929	19.80	PASS



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Band2	20MHz	256QAM	18700	100RB#0	17.909	19.72	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.913	19.68	PASS
Band2	20MHz	256QAM	19100	100RB#0	17.929	19.56	PASS



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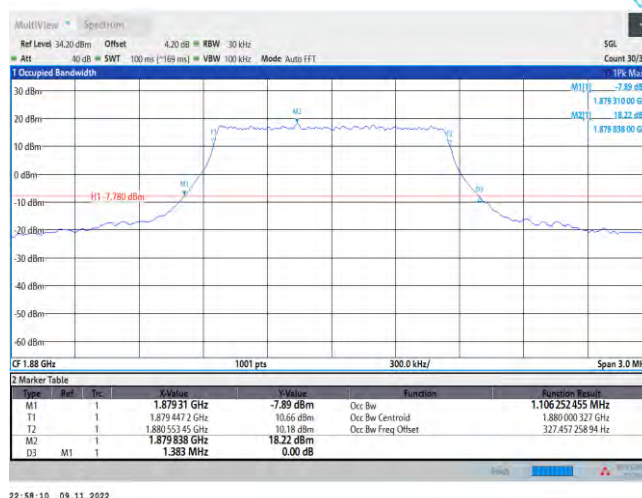
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Test Graphs

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



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



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22:59:23 09.11.2022

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



22:57:14 09.11.2022



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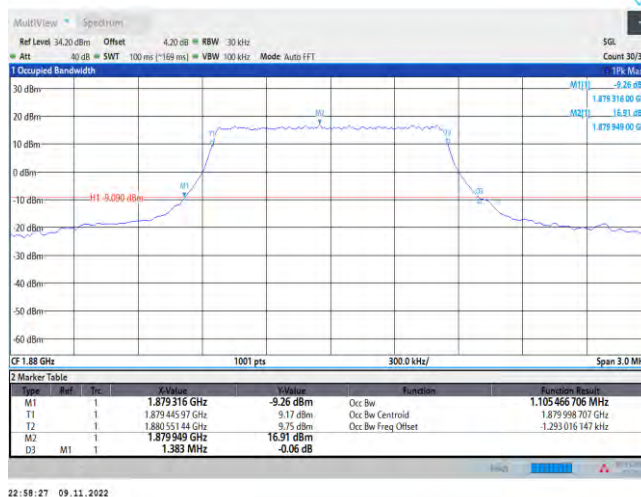
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22:58:27 09.11.2022

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



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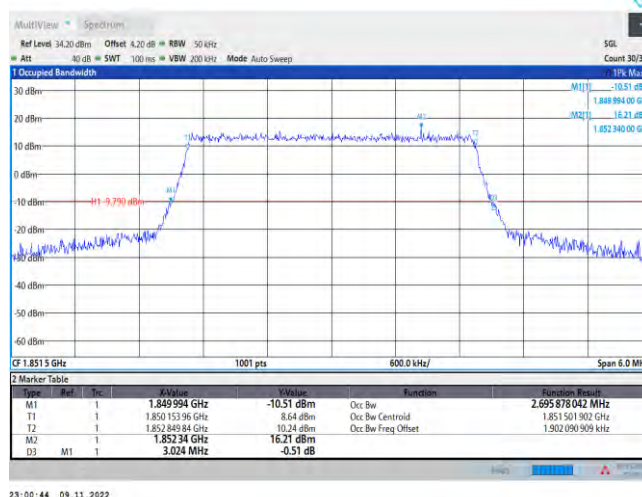
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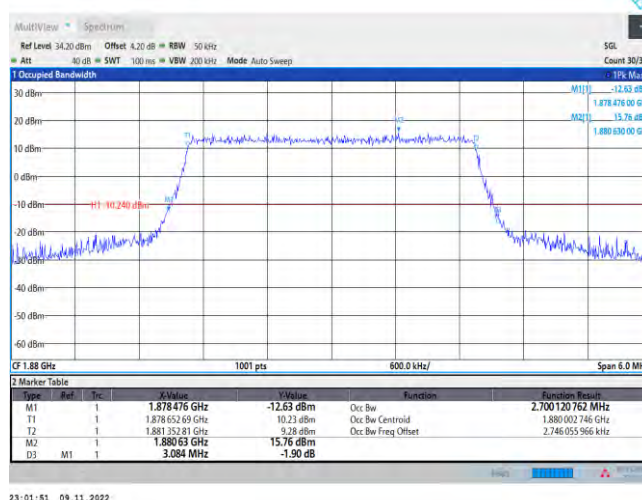
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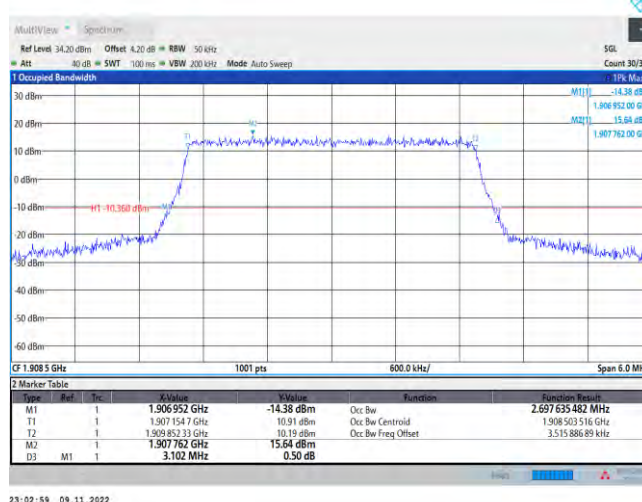
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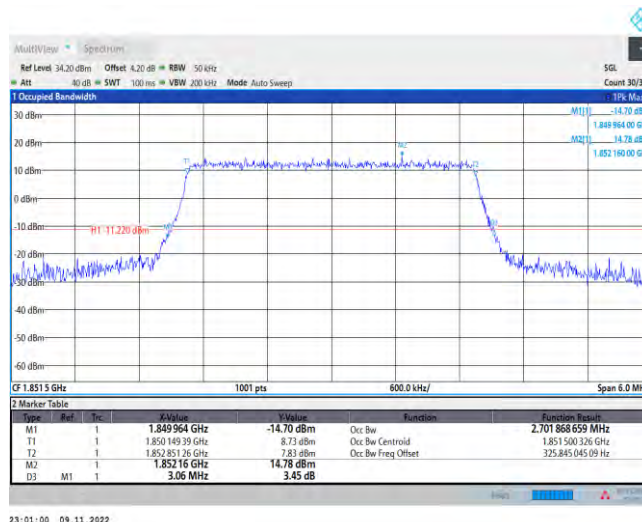
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Band2-3MHz-16QAM-18615-15RB#0



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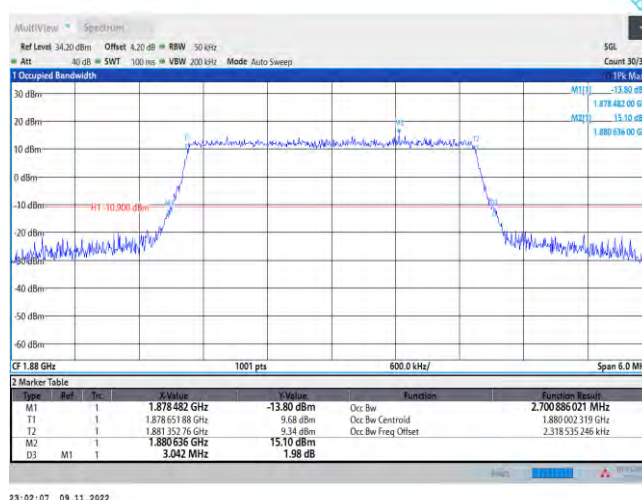
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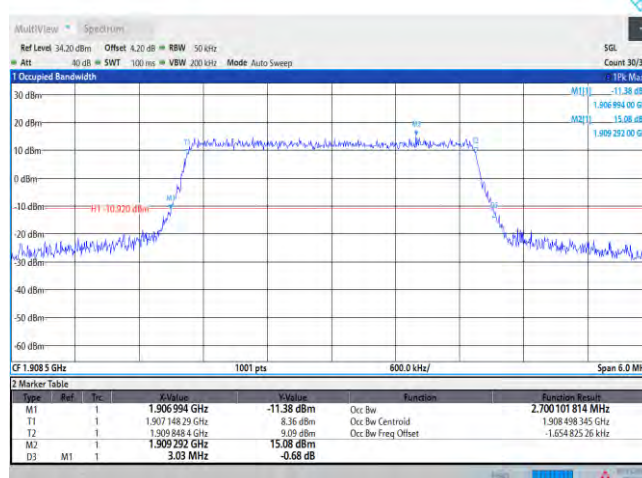
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23:03:15 09.11.2022



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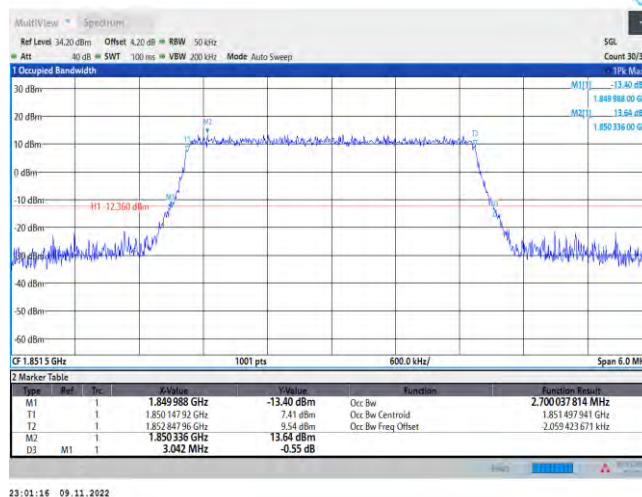
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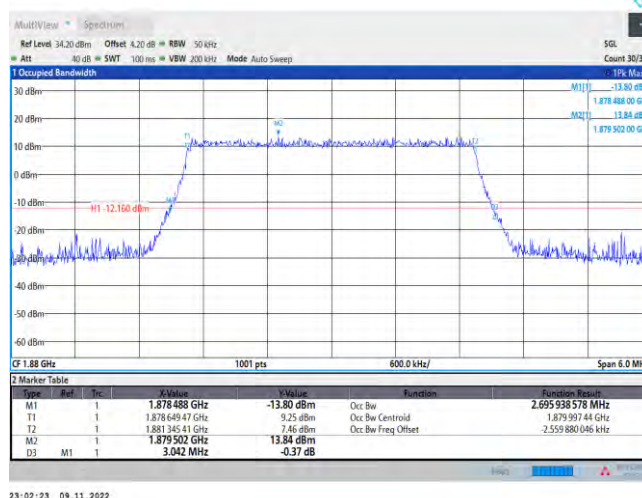
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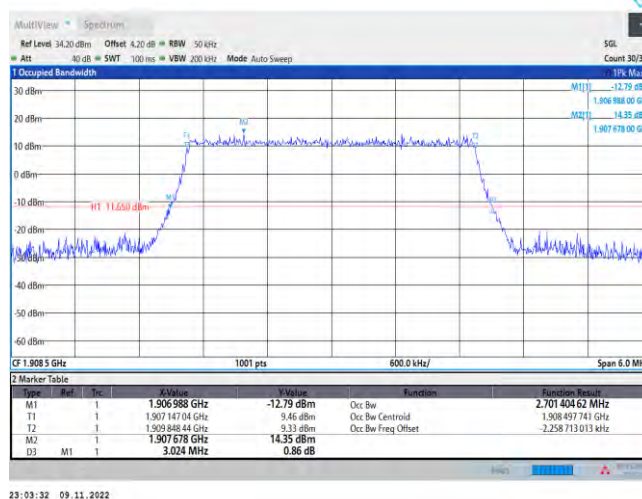
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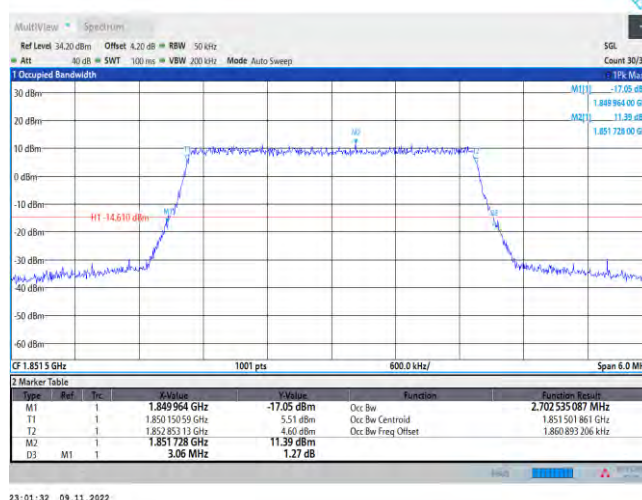
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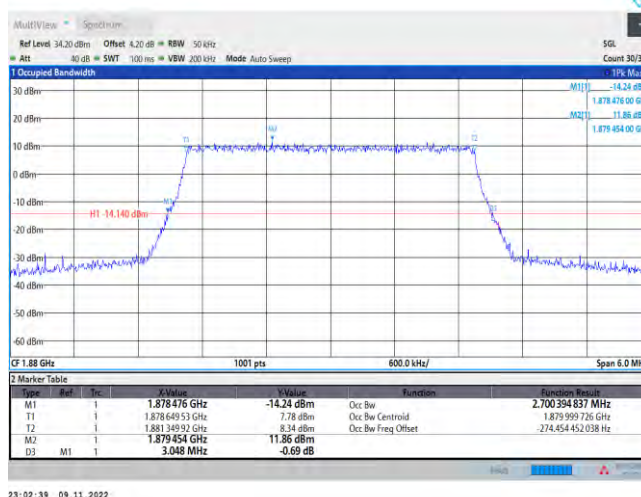
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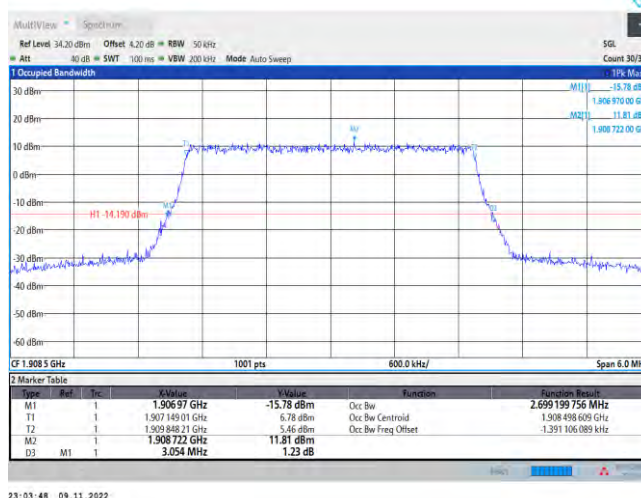
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Band2-3MHz-256QAM-18900-15RB#0



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



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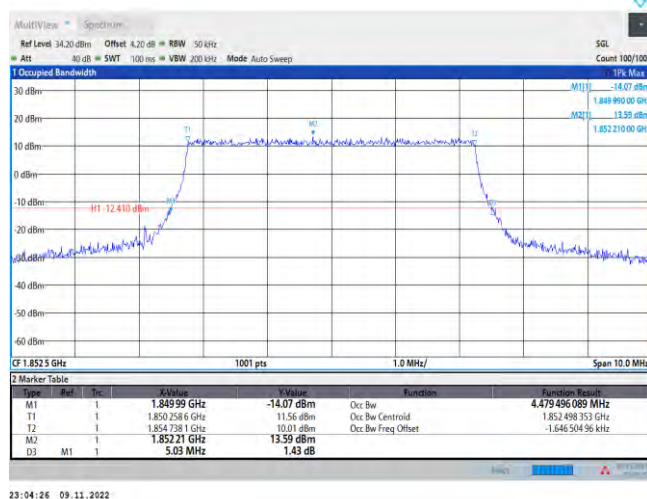
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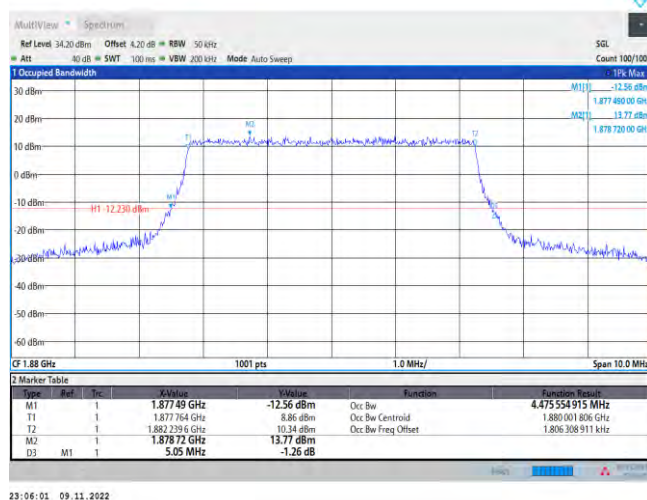
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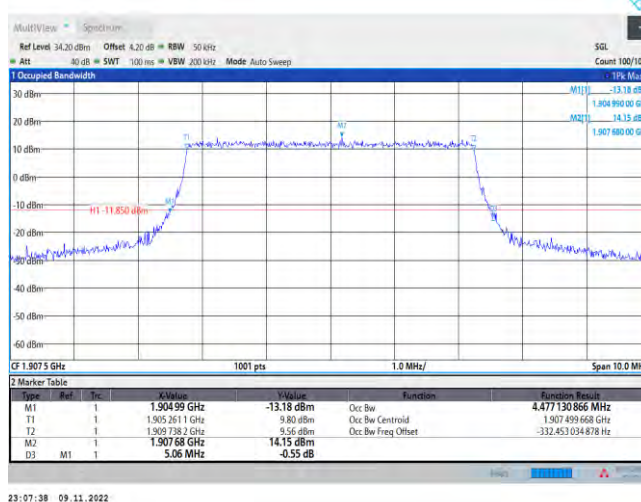
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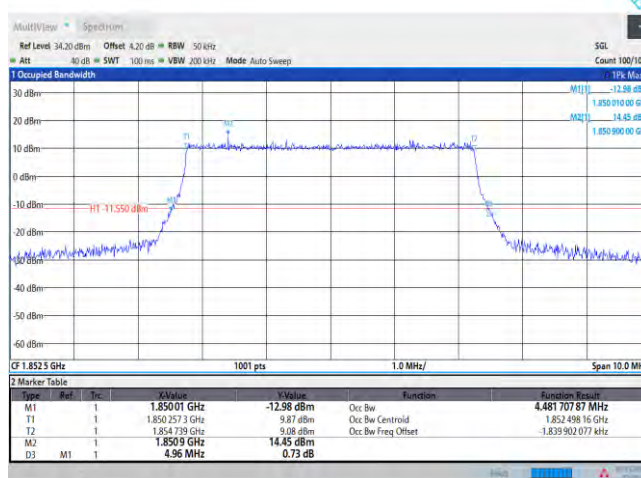
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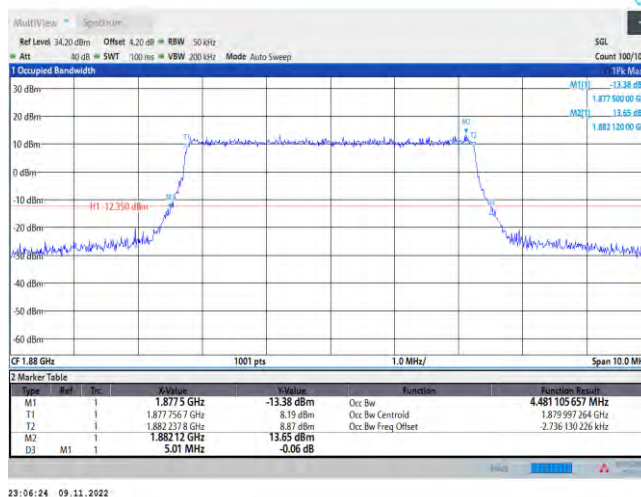
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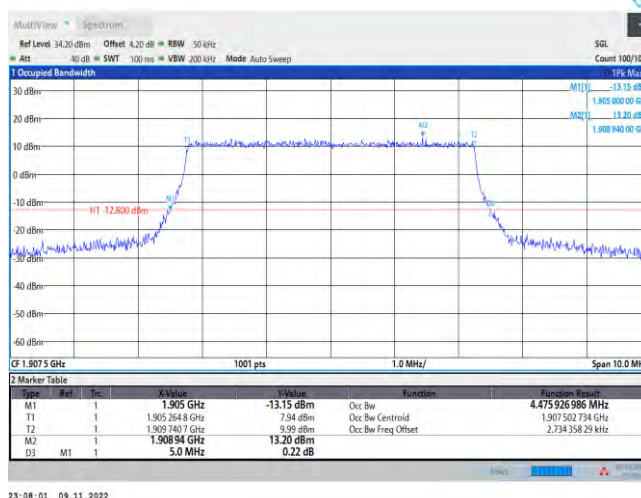
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Band2-5MHz-16QAM-19175-25RB#0



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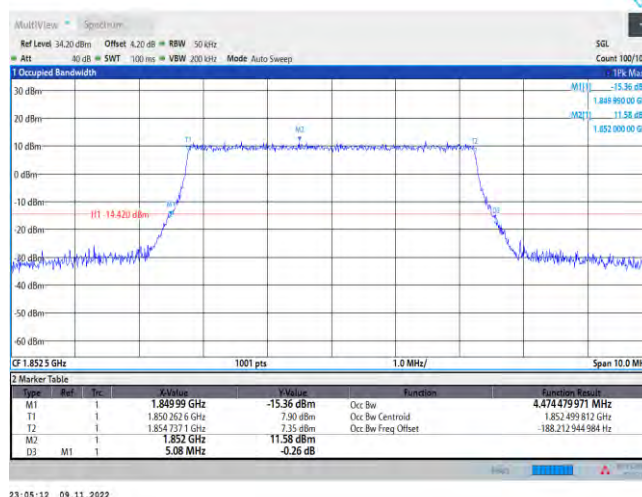
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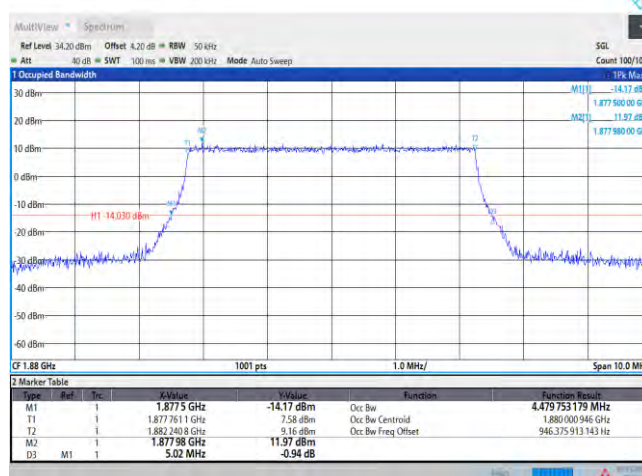
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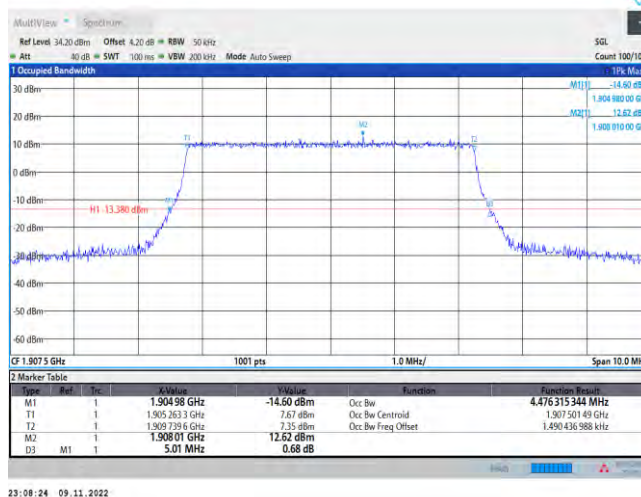
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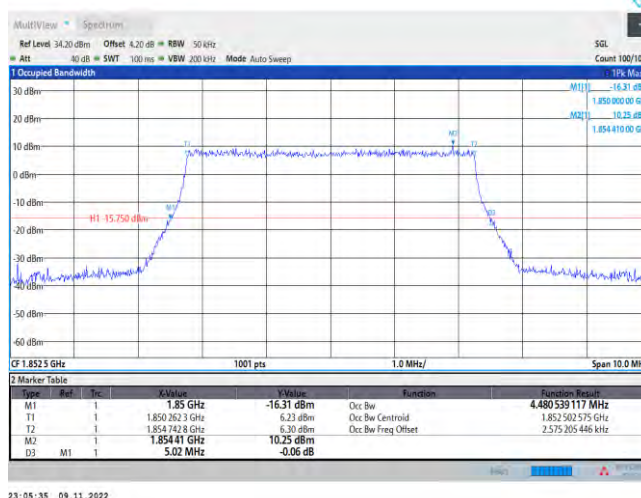
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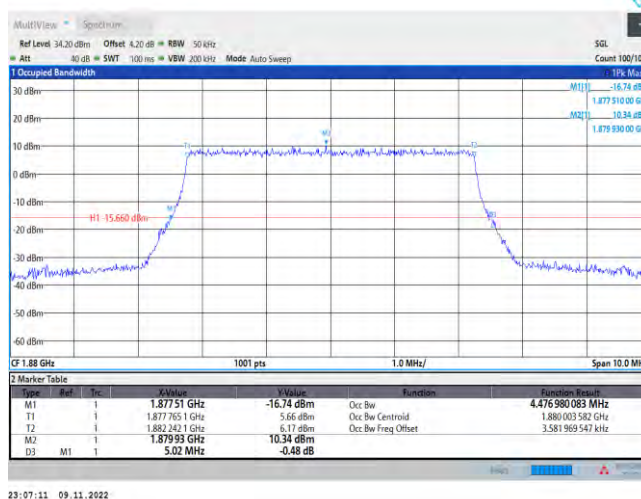
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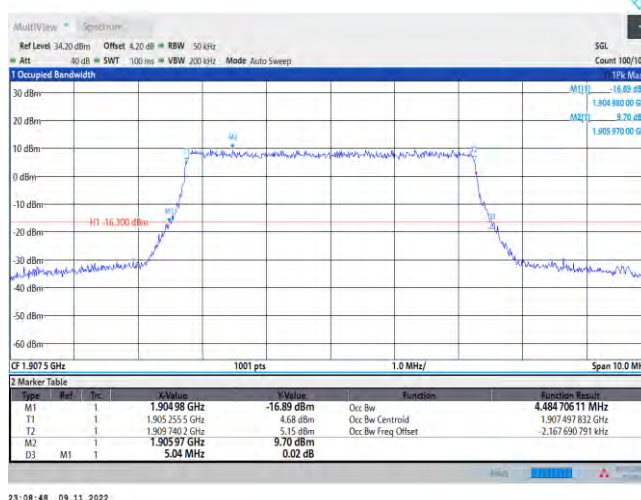
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Band2-5MHz-256QAM-19175-25RB#0



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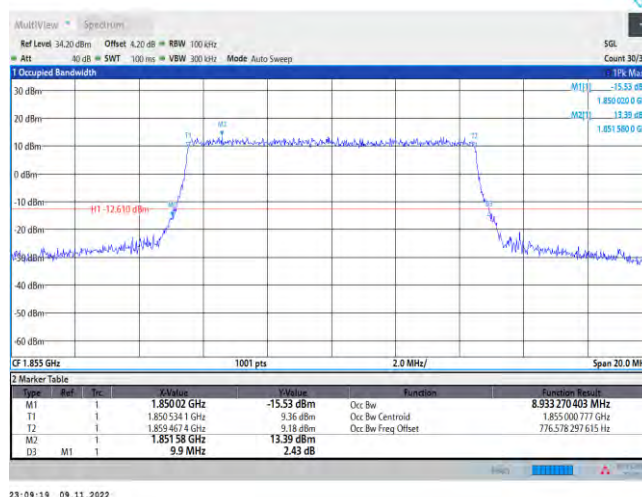
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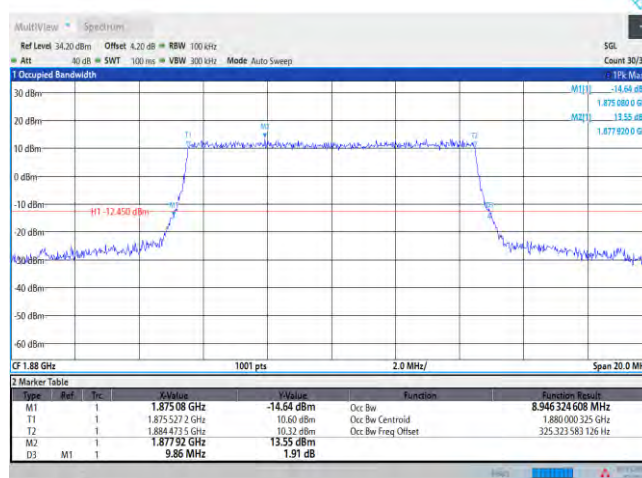
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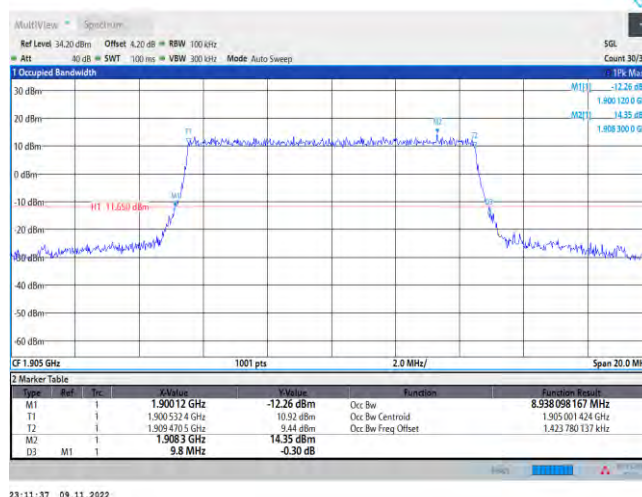
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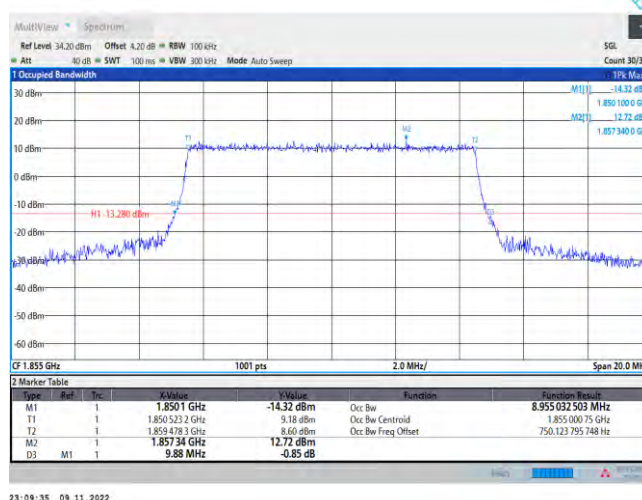
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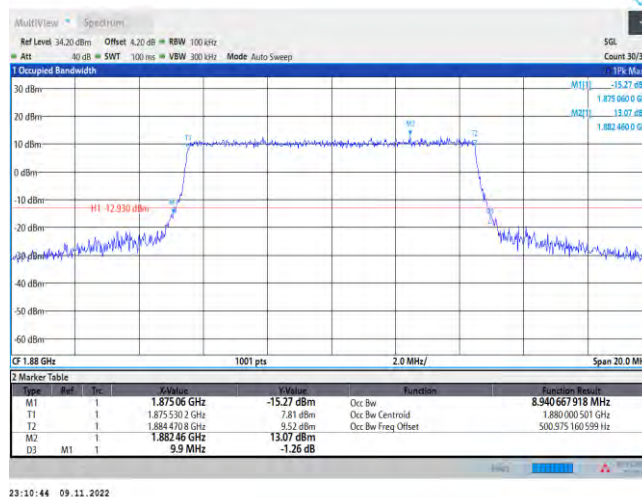
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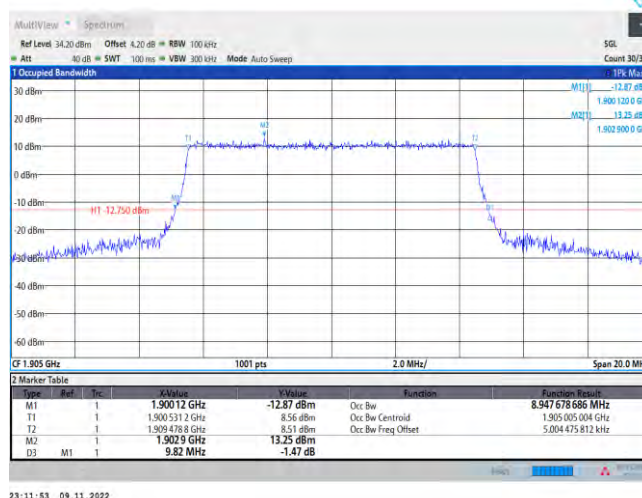
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Band2-10MHz-16QAM-19150-50RB#0



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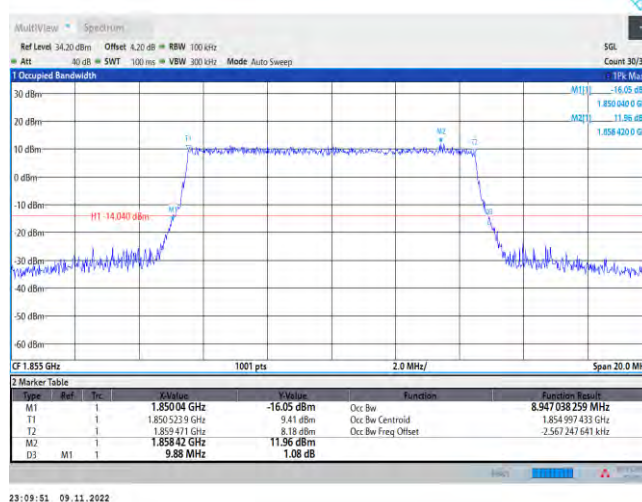
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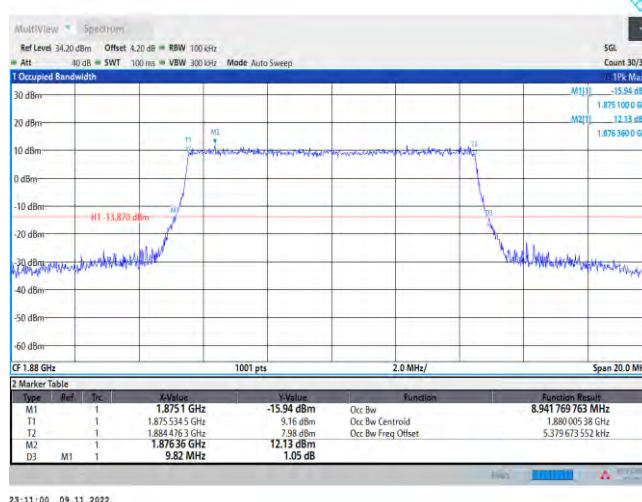
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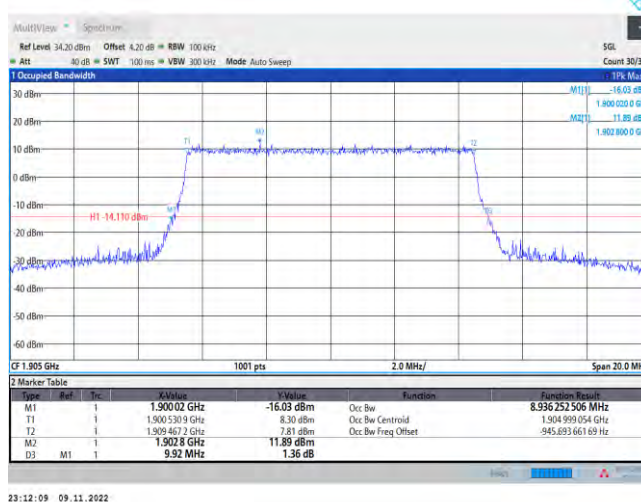
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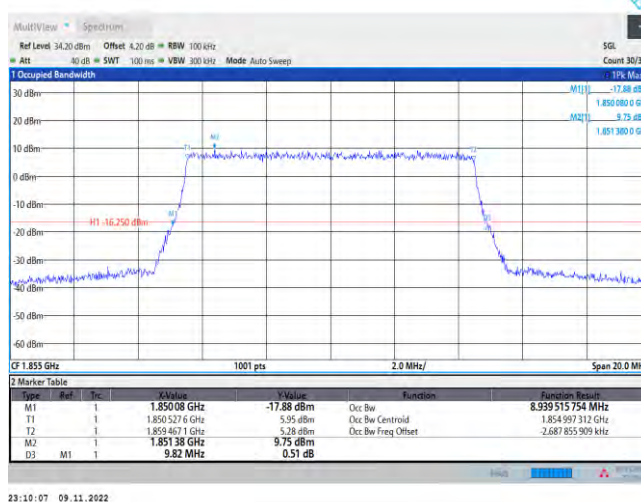
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Band2-10MHz-64QAM-19150-50RB#0



Band2-10MHz-256QAM-18650-50RB#0



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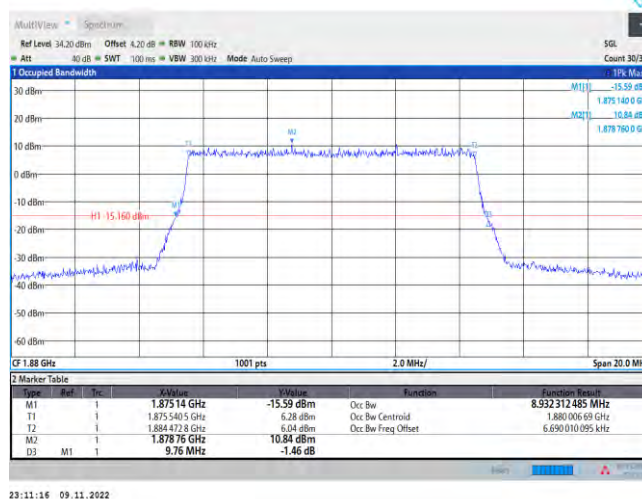
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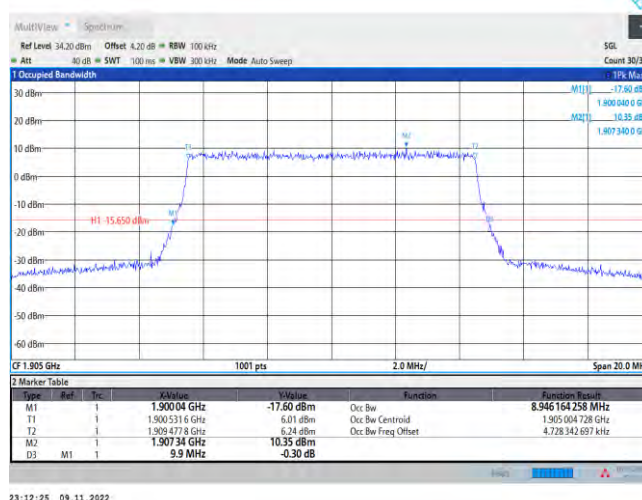
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Band2-10MHz-256QAM-18900-50RB#0



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



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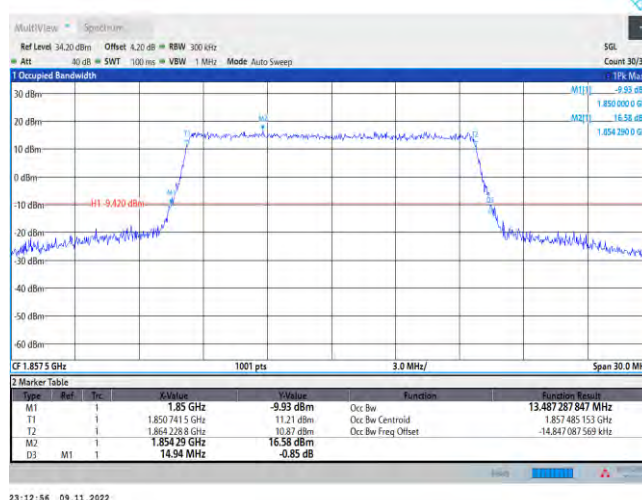
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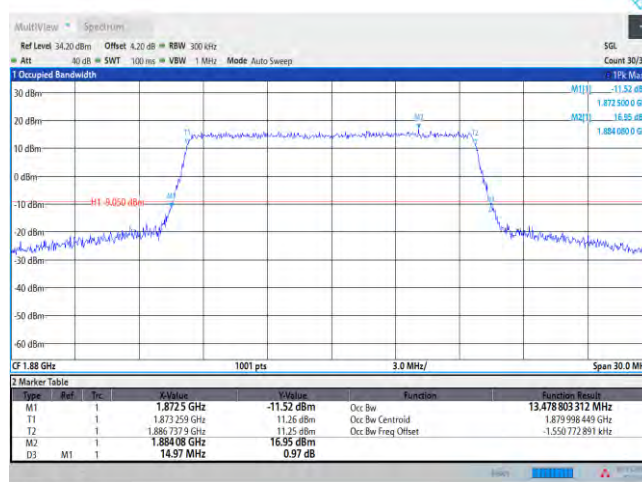
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Band2-15MHz-QPSK-18675-75RB#0



23:12:56 09.11.2022

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



23:14:05 09.11.2022



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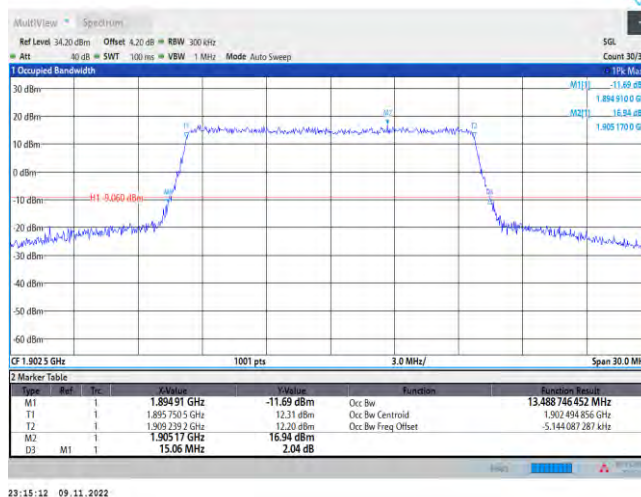
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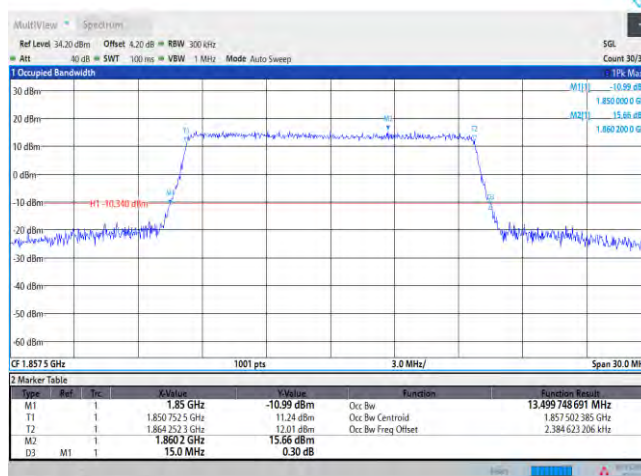
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23:15:12 09.11.2022

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



23:13:12 09.11.2022



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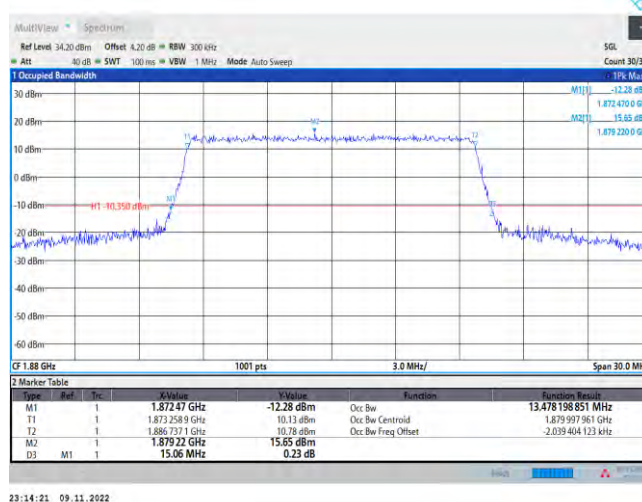
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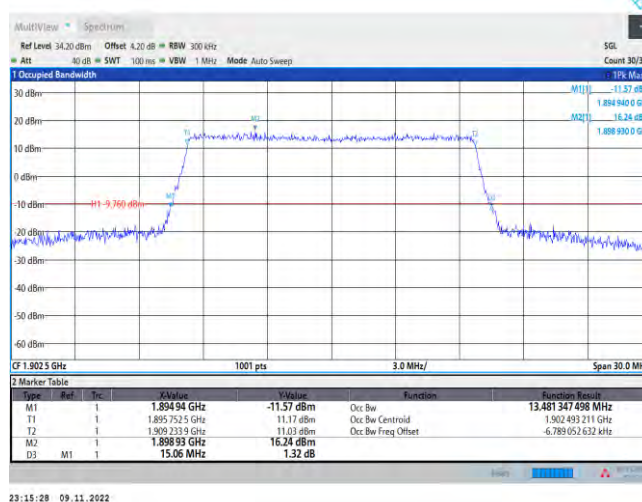
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Band2-15MHz-16QAM-19125-75RB#0



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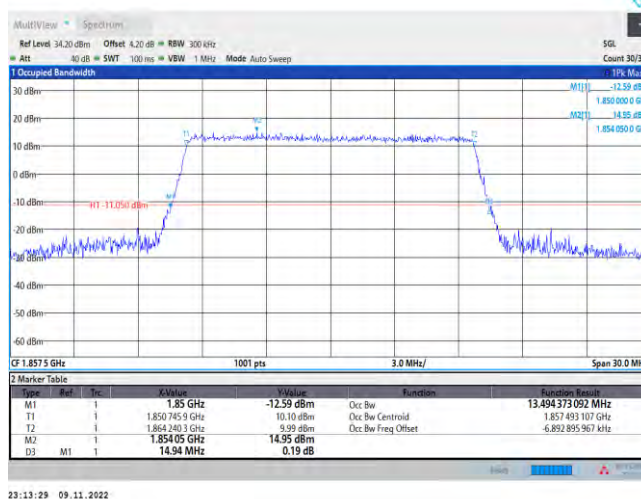
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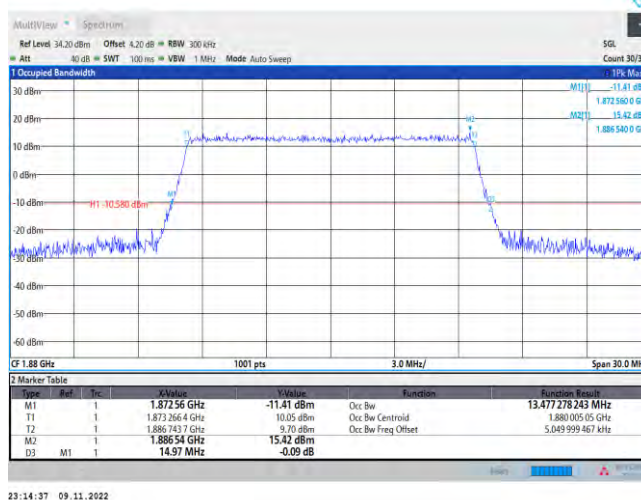
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Band2-15MHz-64QAM-18675-75RB#0



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



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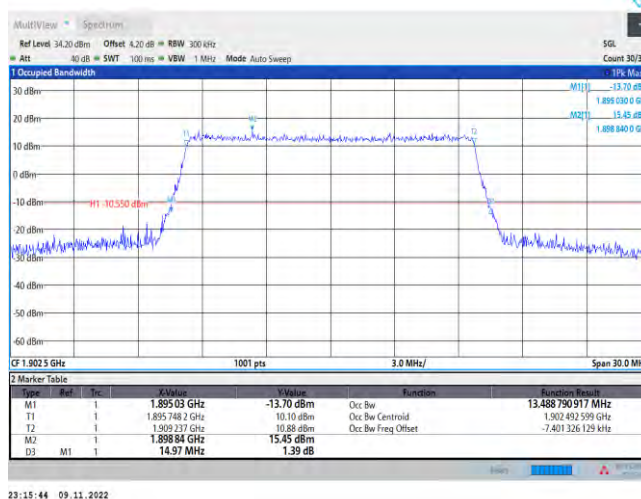
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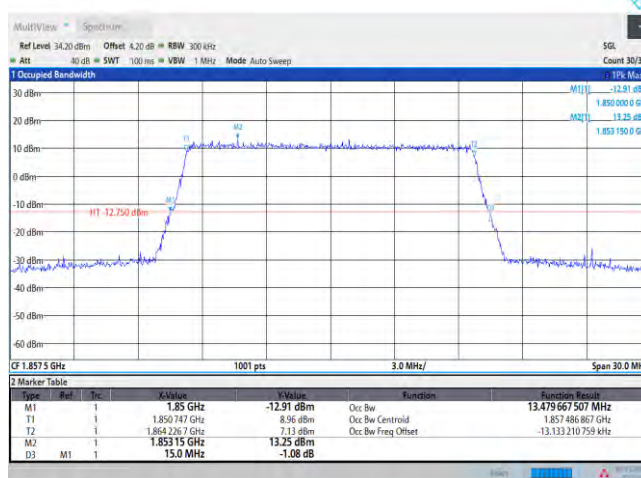
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23:15:44 09.11.2022

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



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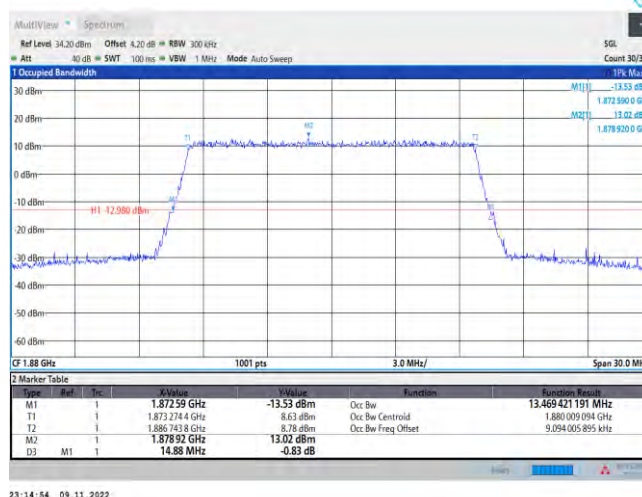
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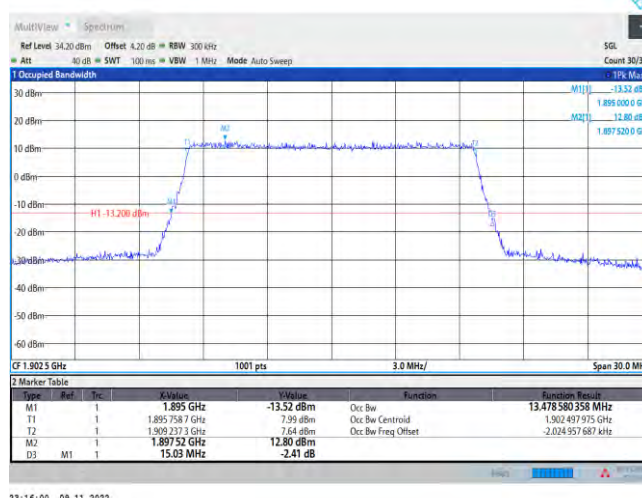
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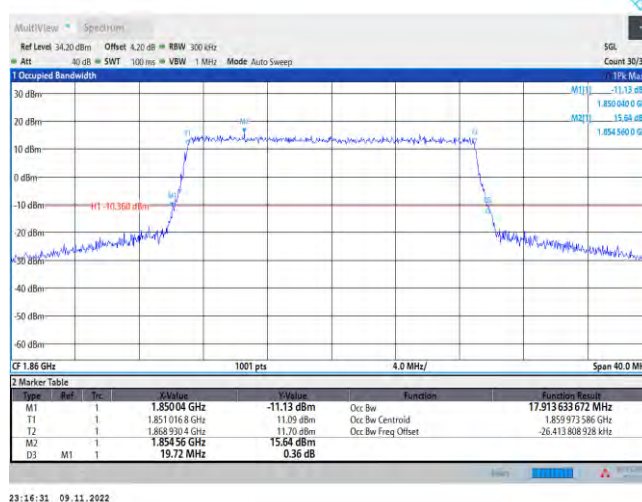
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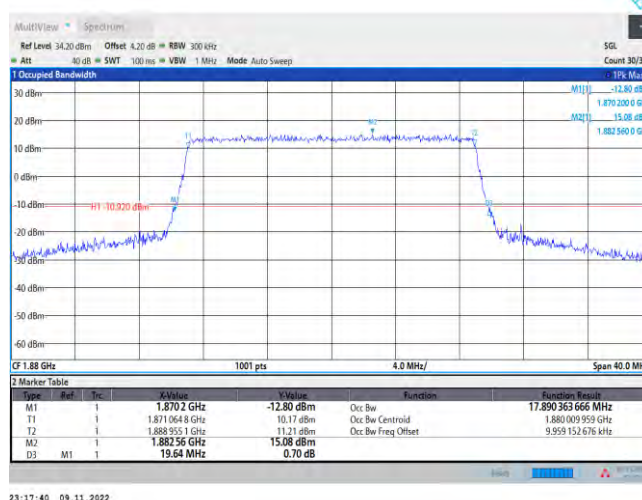
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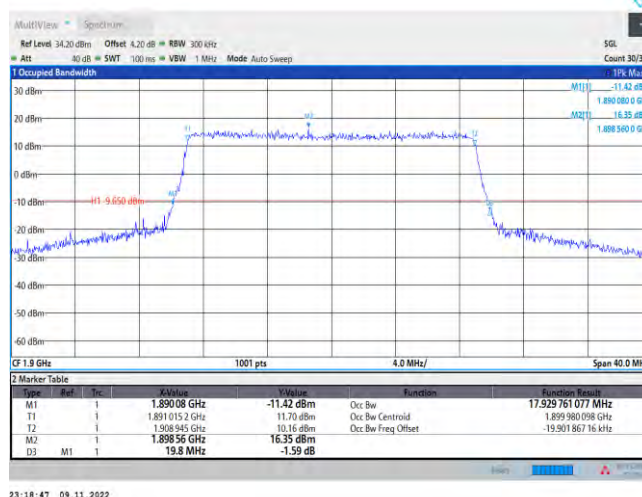
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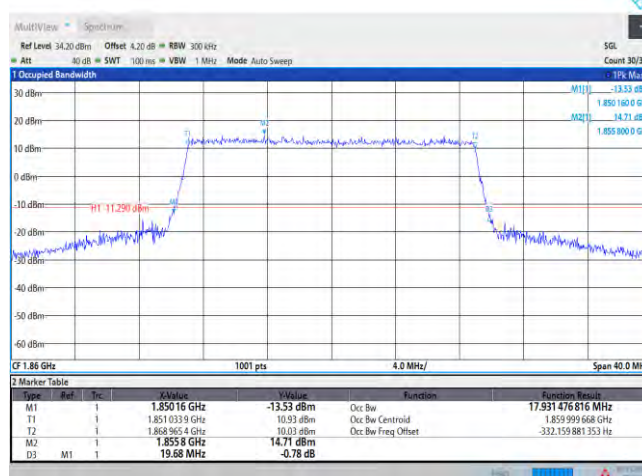
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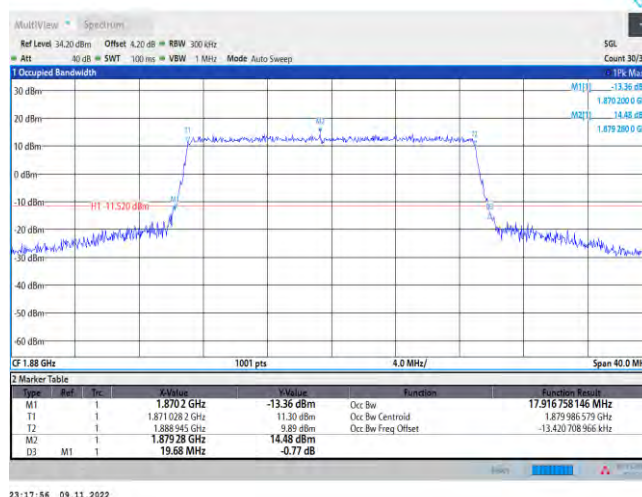
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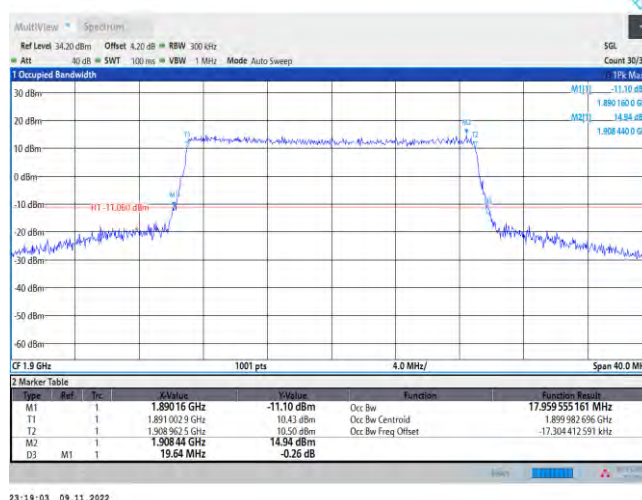
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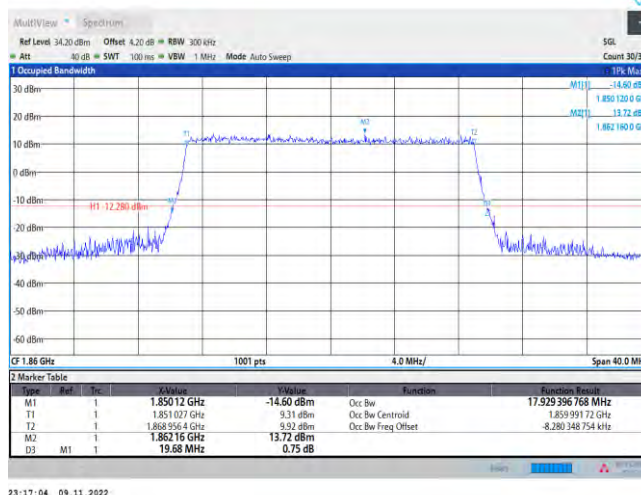
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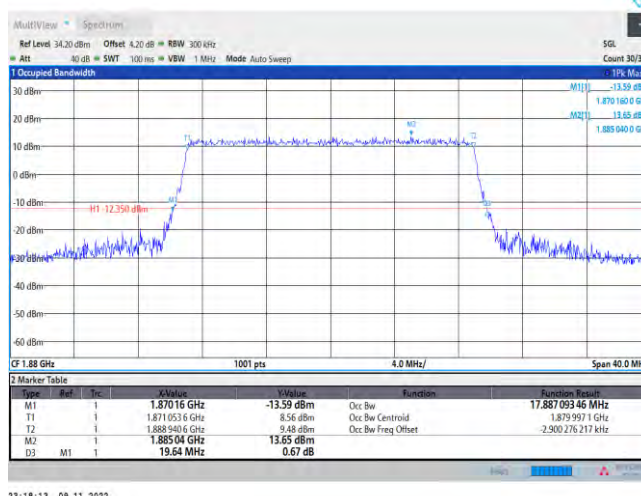
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Band2-20MHz-64QAM-18700-100RB#0



23:17:04 09.11.2022

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



23:18:13 09.11.2022



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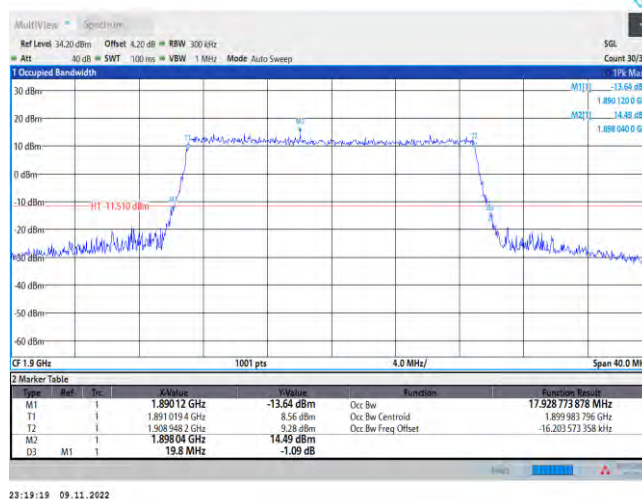
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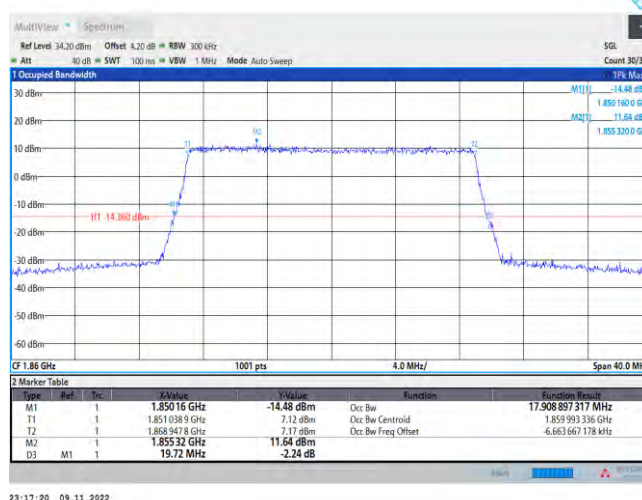
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Band2-20MHz-256QAM-18700-100RB#0



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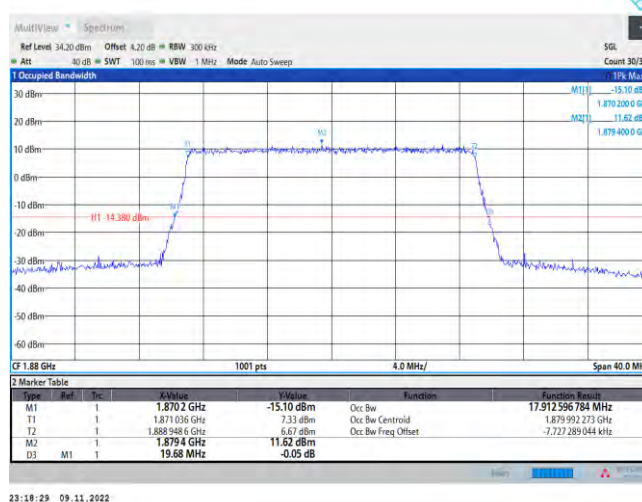
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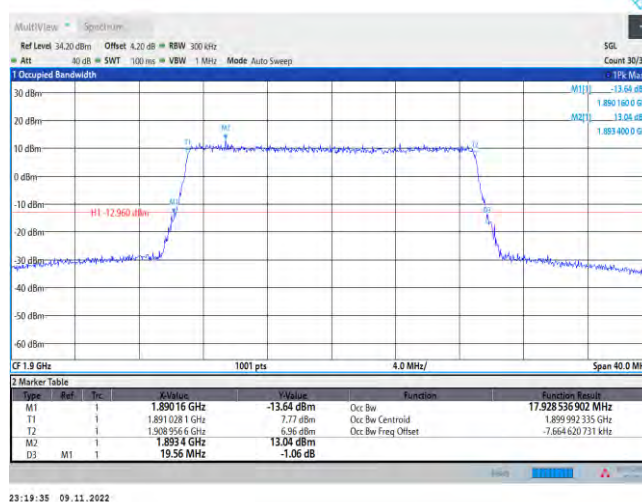
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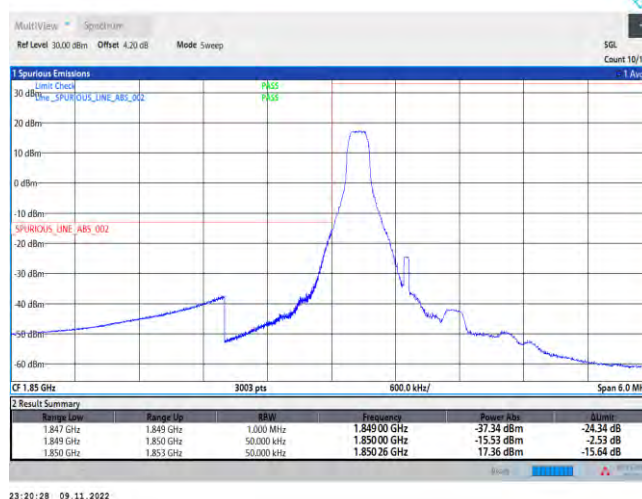
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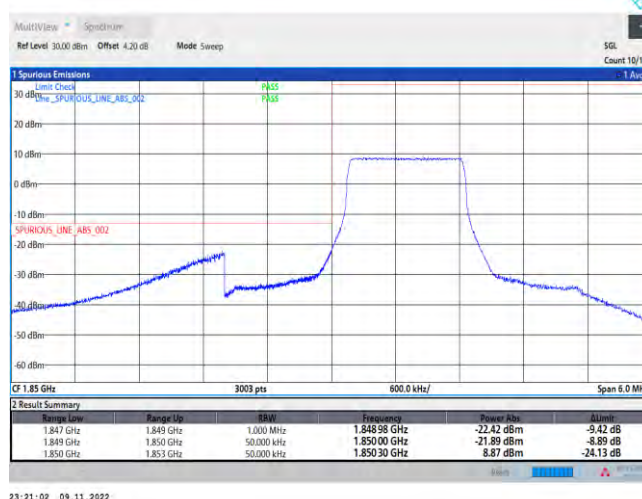
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Test Graphs

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



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



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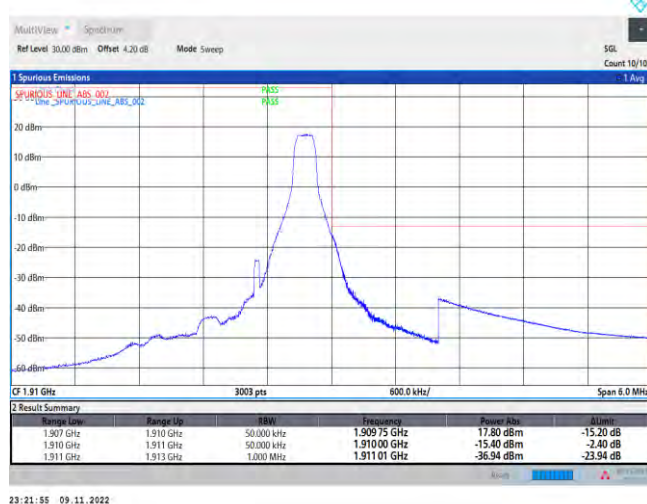
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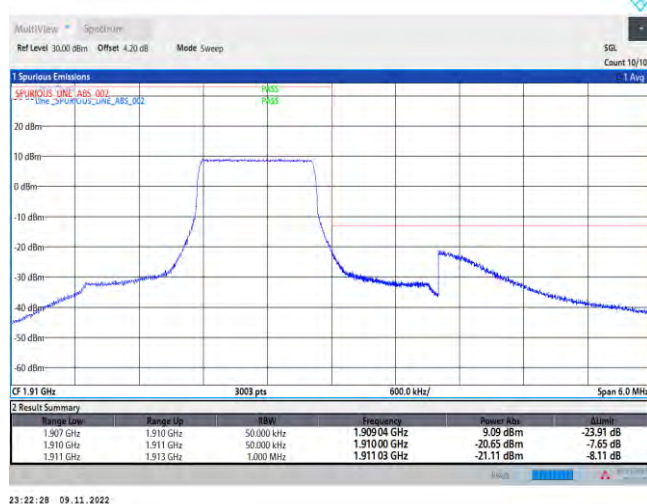
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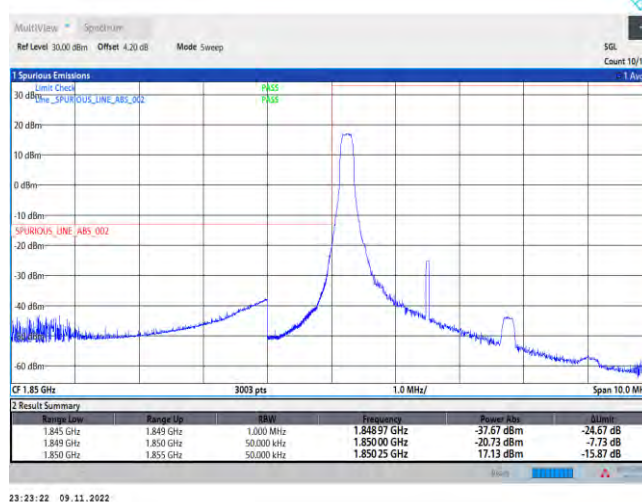
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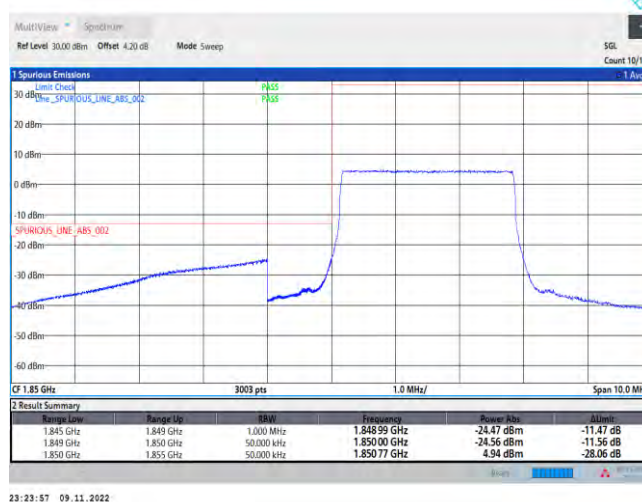
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Band2-3MHz-QPSK-18615-1RB#0



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



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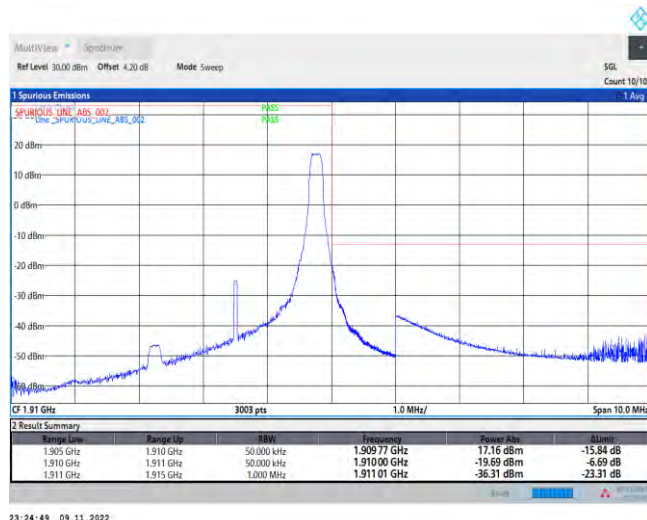
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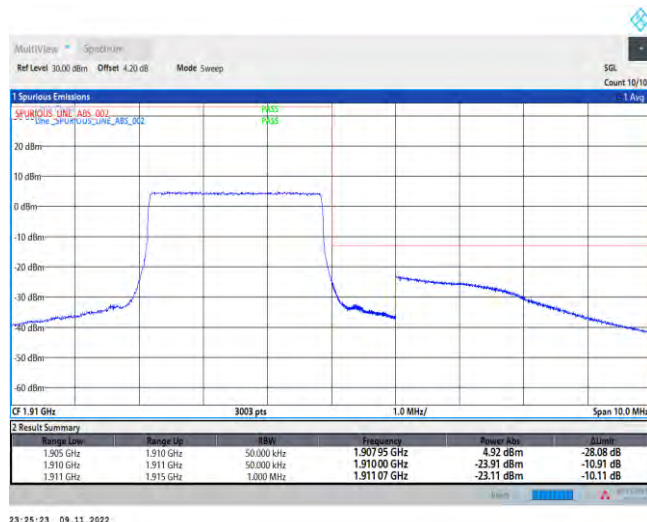
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Band2-3MHz-QPSK-19185-1RB#14



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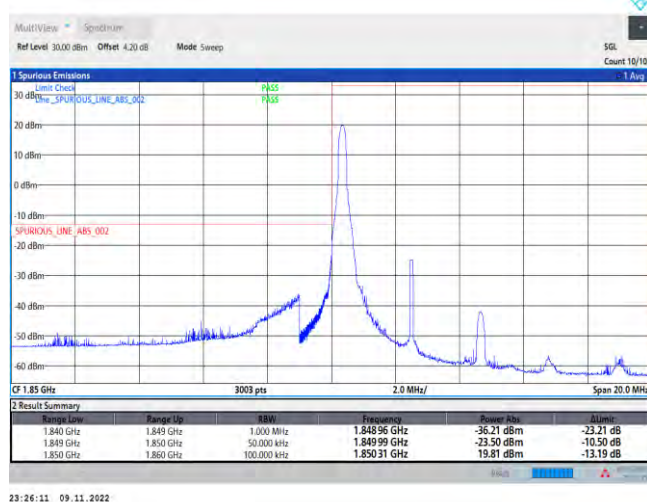
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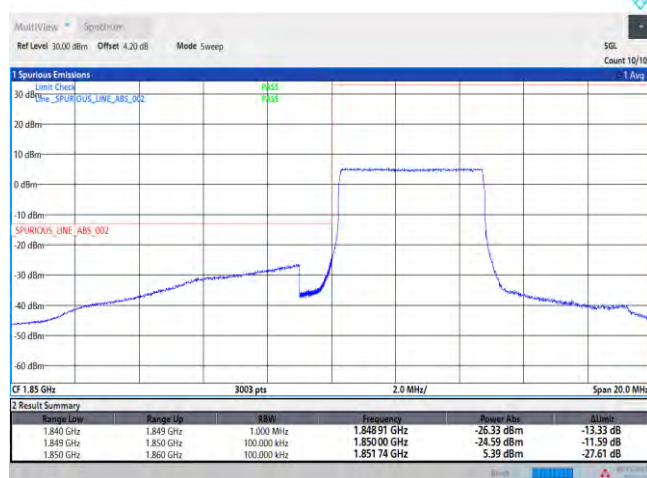
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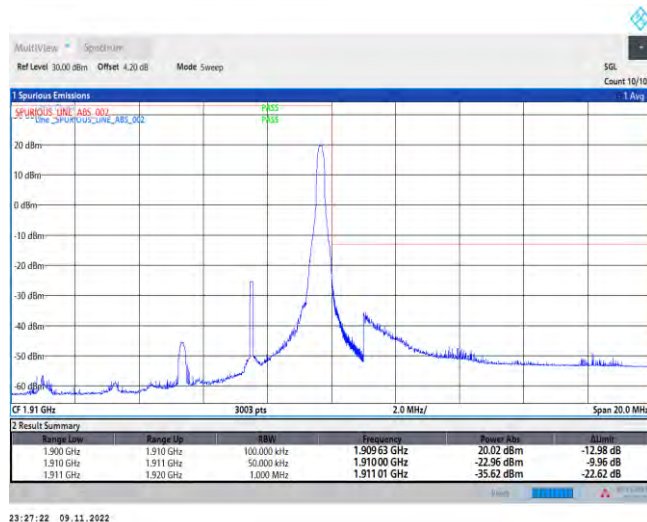
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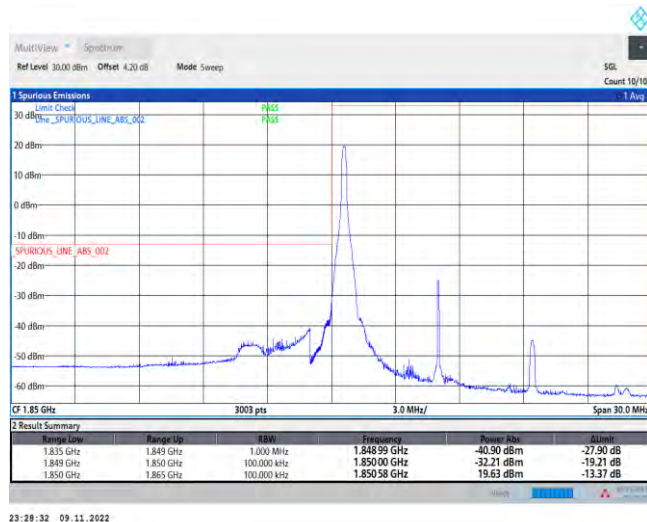
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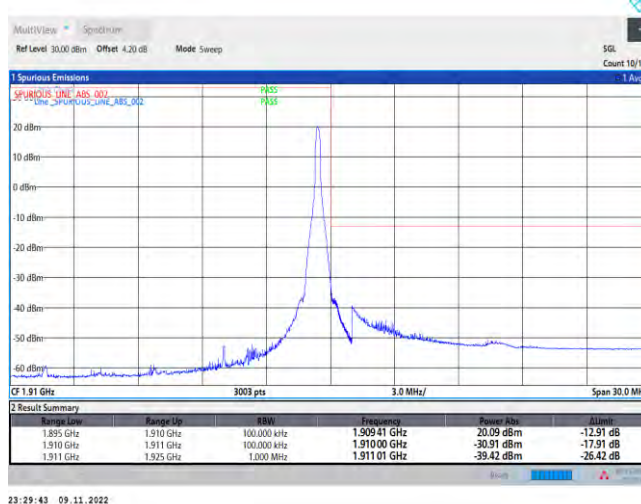
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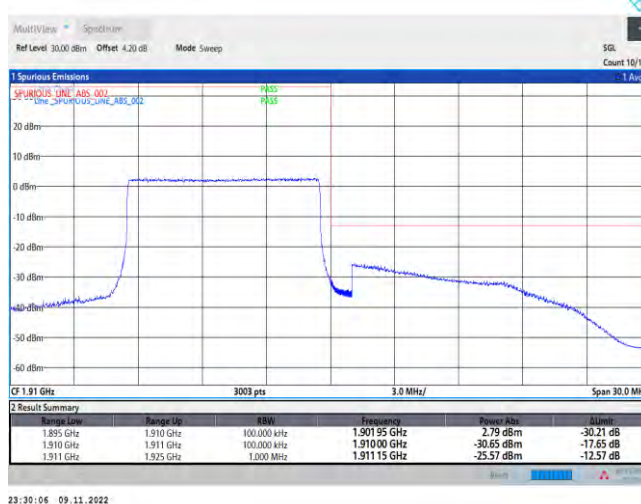
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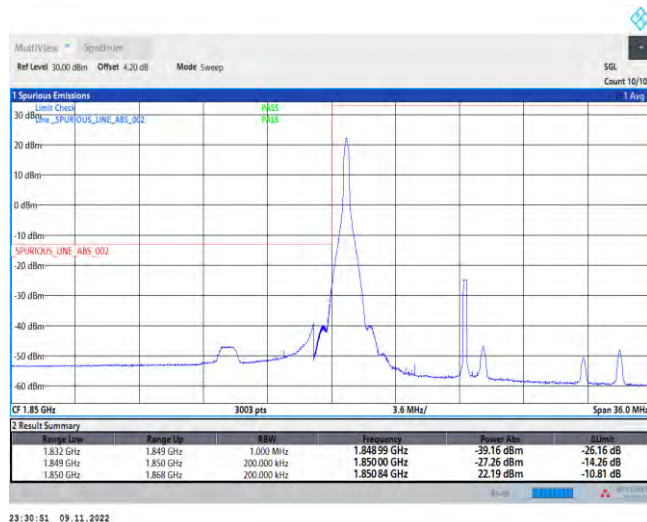
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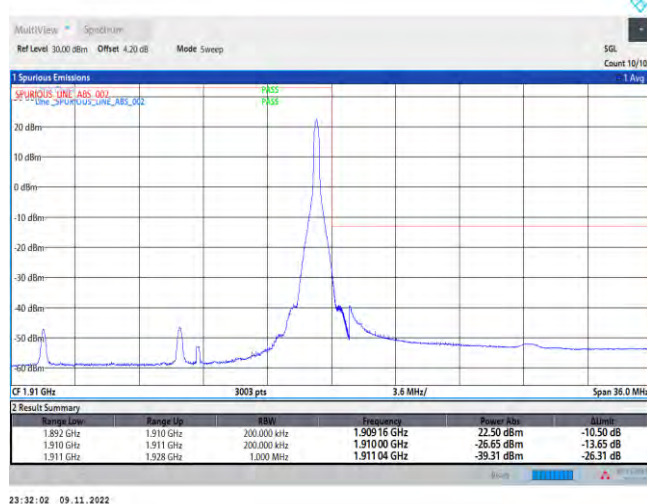
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Band2-15MHz-QPSK-19125-1RB#74



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



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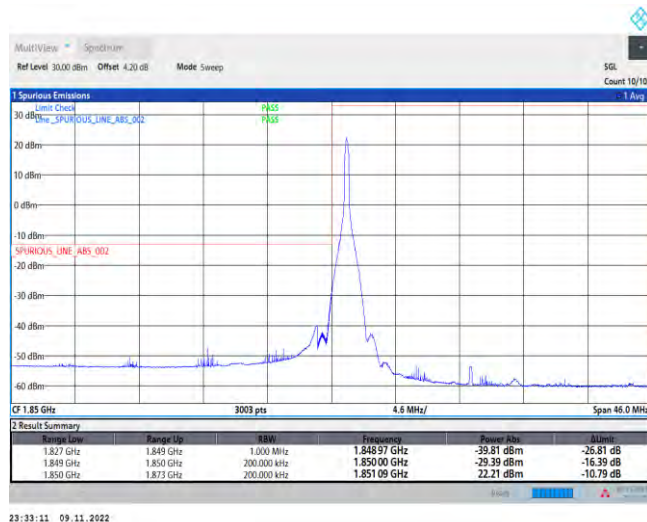
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Band2-20MHz-QPSK-18700-1RB#0



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



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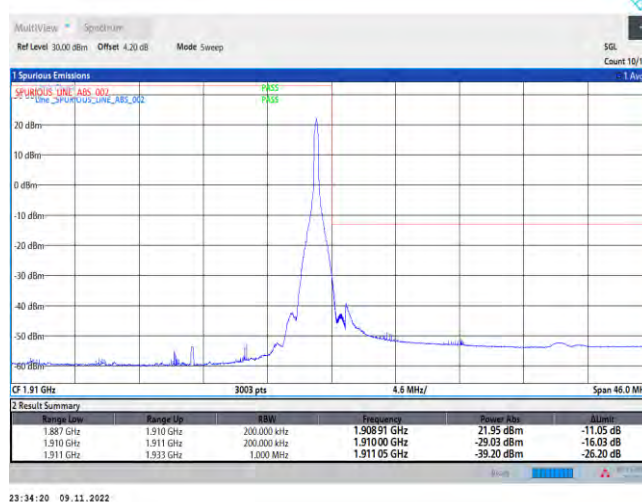
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Band2-20MHz-QPSK-19100-1RB#99



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



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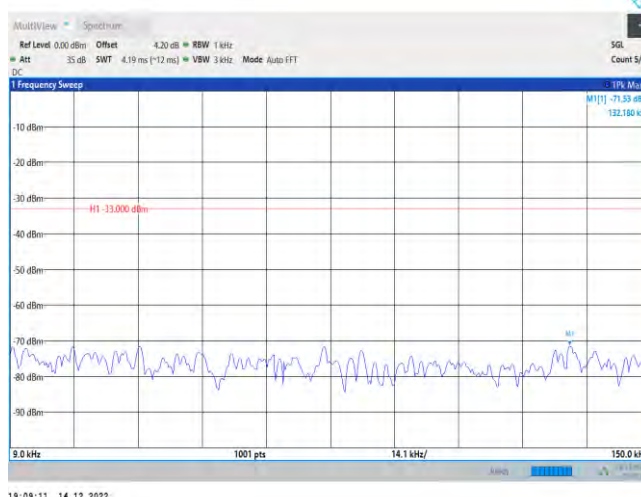
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Conducted Spurious Emission

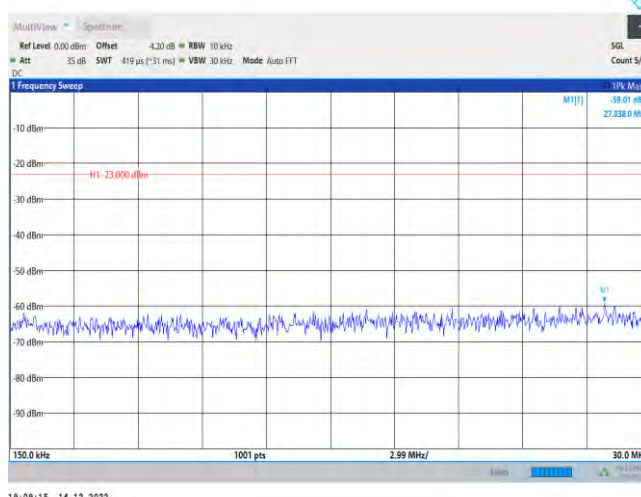
Test Graphs

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



19:09:11 14.12.2022

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



19:09:15 14.12.2022



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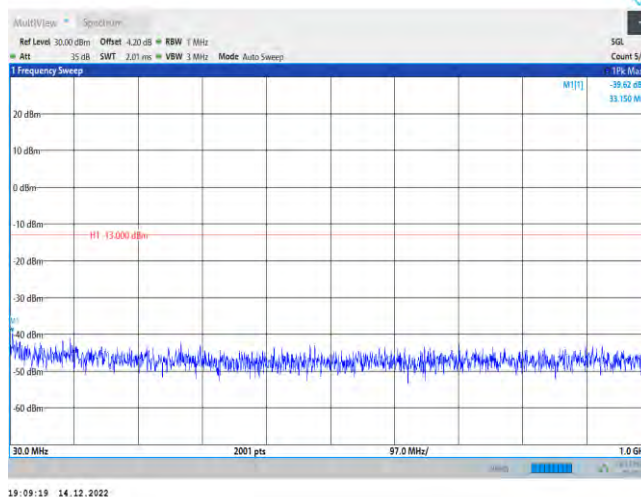
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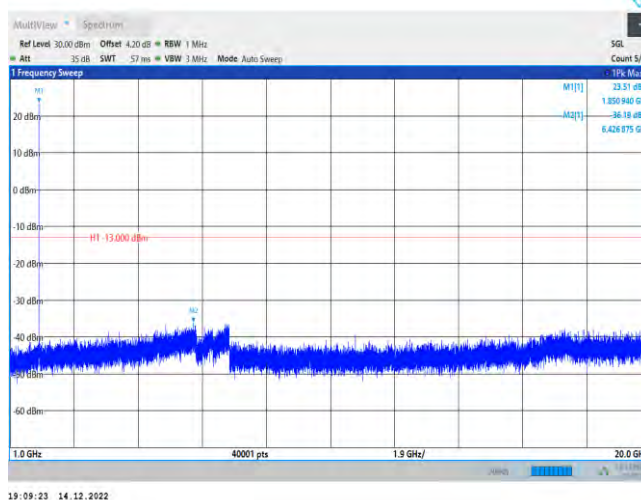
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



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



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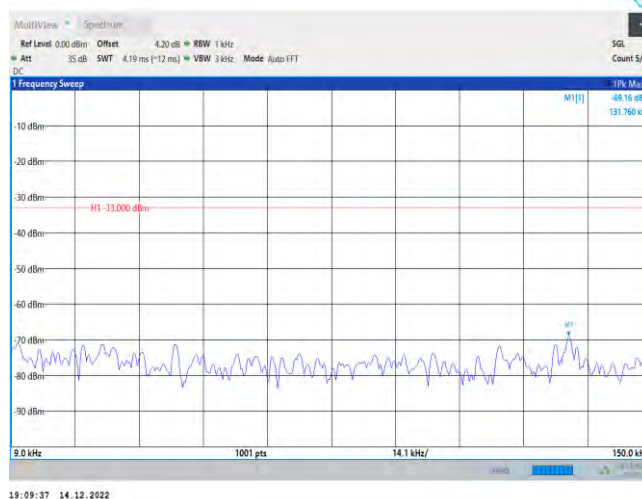
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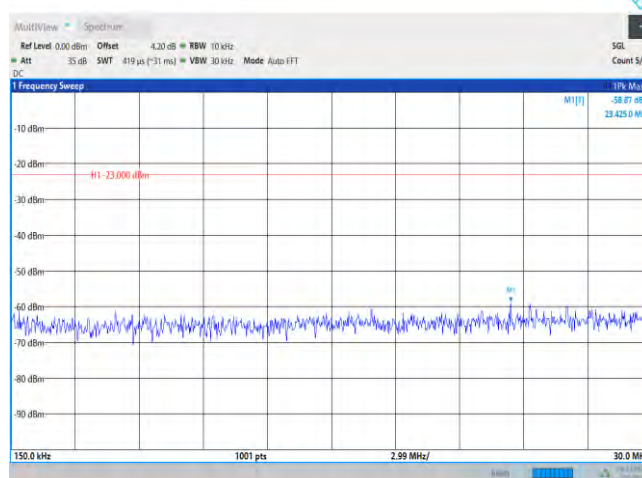
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



19:09:37 14.12.2022

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



19:09:41 14.12.2022



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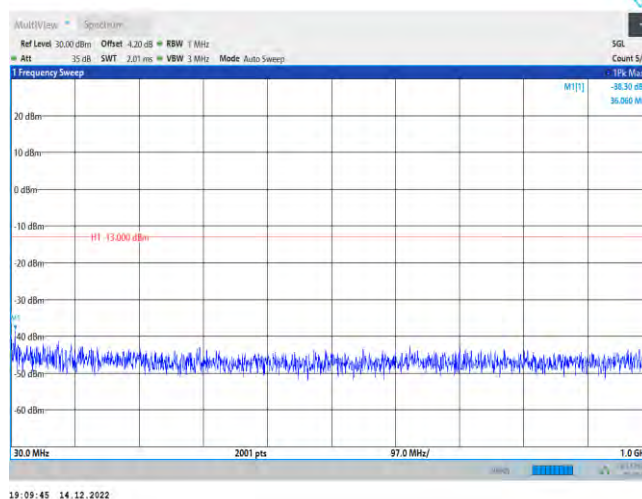
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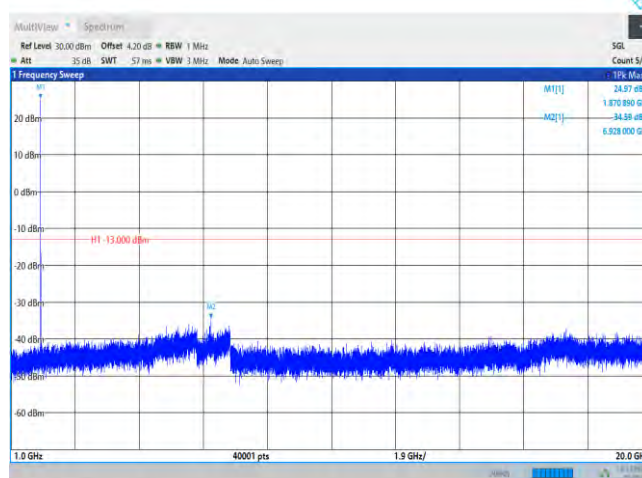
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



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



19:09:49 14.12.2022



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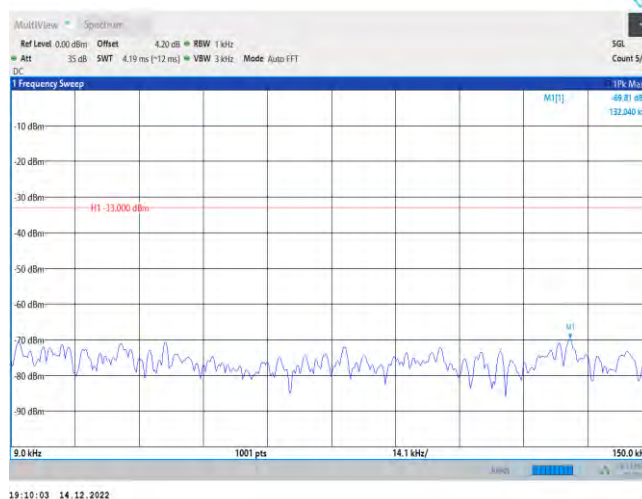
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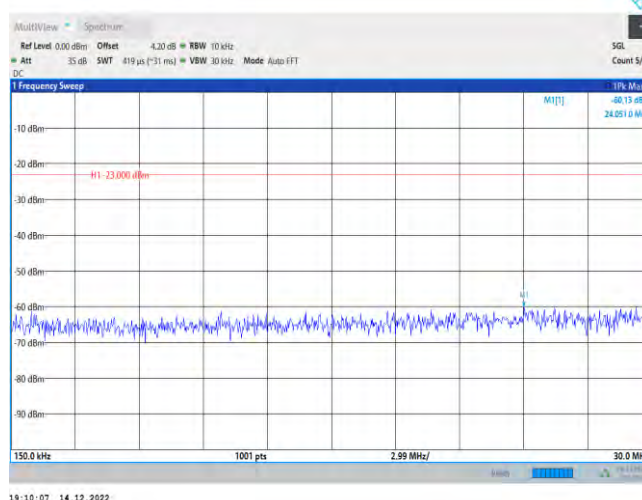
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



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



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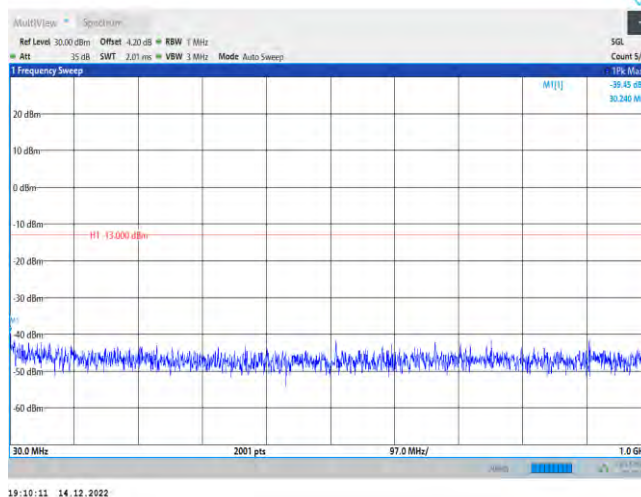
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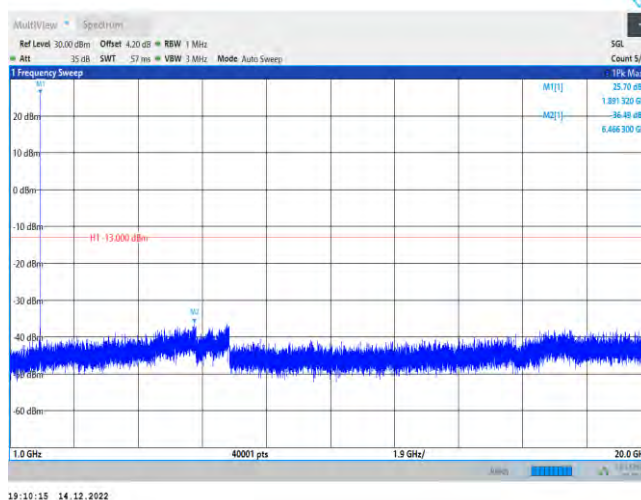
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band 2_ TM1
Test Channel = Low Channel

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	61.88	-45.69	29.88	-49.19	-13.00	36.19	296	279	Horizontal
2	5553	58.01	-43.87	32.77	-48.35	-13.00	35.35	265	213	Horizontal
3	7404.36	52.02	-41.96	36.44	-48.76	-13.00	35.76	241	328	Horizontal
4	9255.45	38.18	-38.39	38.57	-56.90	-13.00	43.90	232	296	Horizontal
5	11106.54	30.65	-35.35	39.49	-60.47	-13.00	47.47	241	357	Horizontal
6	12957.63	32.56	-34.89	39.56	-58.04	-13.00	45.04	268	279	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	68.28	-45.69	29.88	-42.79	-13.00	29.79	265	264	Vertical
2	5553	69.15	-43.87	32.77	-37.21	-13.00	24.21	296	357	Vertical
3	7404.36	63.20	-41.96	36.44	-37.58	-13.00	24.58	211	0	Vertical
4	9255.45	46.51	-38.39	38.57	-48.57	-13.00	35.57	142	19	Vertical
5	11106.54	34.20	-35.35	39.49	-56.92	-13.00	43.92	263	133	Vertical
6	12957.63	33.08	-34.89	39.56	-57.52	-13.00	44.52	224	280	Vertical



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Report No.: SEWM2206000070RG01

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Test Band = LTE Band 2_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5613	59.71	-43.84	32.96	-46.43	-13.00	33.43	296	261	Horizontal
2	7484.25	54.57	-41.66	36.49	-45.86	-13.00	32.86	265	76	Horizontal
3	3742.18	58.46	-45.59	29.98	-52.40	-13.00	39.40	241	194	Horizontal
4	9355.45	37.94	-38.26	38.56	-57.02	-13.00	44.02	142	178	Horizontal
5	11226.54	31.38	-35.07	39.37	-59.57	-13.00	46.57	263	143	Horizontal
6	13097.63	31.72	-34.47	39.66	-58.35	-13.00	45.35	221	0	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	5613	70.40	-43.84	32.96	-35.74	-13.00	22.74	296	0	Vertical
2	7484.25	66.35	-41.66	36.49	-34.08	-13.00	21.08	265	0	Vertical
3	3742.18	65.62	-45.59	29.98	-45.24	-13.00	32.24	284	247	Vertical
4	9355.45	46.89	-38.26	38.56	-48.07	-13.00	35.07	142	345	Vertical
5	11226.54	36.51	-35.07	39.37	-54.44	-13.00	41.44	263	82	Vertical
6	13097.63	31.70	-34.47	39.66	-58.37	-13.00	45.37	256	2	Vertical



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Test Band = LTE Band 2_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5673	59.70	-43.77	33.15	-46.18	-13.00	33.18	296	78	Horizontal
2	3782.18	64.28	-45.48	30.08	-46.38	-13.00	33.38	285	113	Horizontal
3	7564.36	53.92	-41.38	36.63	-46.09	-13.00	33.09	241	345	Horizontal
4	9455.45	37.83	-38.15	38.55	-57.03	-13.00	44.03	163	296	Horizontal
5	11346.54	30.72	-35.43	39.25	-60.72	-13.00	47.72	265	313	Horizontal
6	13237.63	31.19	-34.98	39.74	-59.30	-13.00	46.30	298	64	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	5673	71.31	-43.77	33.15	-34.57	-13.00	21.57	254	1	Vertical
2	3782.18	68.77	-45.48	30.08	-41.89	-13.00	28.89	196	0	Vertical
3	7564.36	65.71	-41.38	36.63	-34.30	-13.00	21.30	236	1	Vertical
4	9455.45	45.77	-38.15	38.55	-49.09	-13.00	36.09	265	193	Vertical
5	11346.54	37.36	-35.43	39.25	-54.08	-13.00	41.08	284	43	Vertical
6	13237.63	30.60	-34.98	39.74	-59.89	-13.00	46.89	142	160	Vertical



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Test Band = CA Band 2A-66A_ TM1
Test Channel = Low Channel

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	61.77	-45.69	29.88	-49.30	-13.00	36.30	296	344	Horizontal
2	3404.18	42.72	-45.92	29.44	-69.02	-13.00	56.02	265	12	Horizontal
3	5106.27	40.66	-44.28	32.60	-66.28	-13.00	53.28	284	76	Horizontal
4	5553.27	52.40	-43.87	32.77	-53.96	-13.00	40.96	142	243	Horizontal
5	6808.36	39.82	-42.55	35.82	-62.17	-13.00	49.17	263	1	Horizontal
6	7404.36	47.46	-41.96	36.44	-53.32	-13.00	40.32	221	327	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	66.60	-45.69	29.88	-44.47	-13.00	31.47	296	0	Vertical
2	5553	67.86	-43.87	32.77	-38.50	-13.00	25.50	255	1	Vertical
3	3404.18	42.67	-45.92	29.44	-69.07	-13.00	56.07	256	264	Vertical
4	5106.27	40.71	-44.28	32.60	-66.23	-13.00	53.23	241	96	Vertical
5	6808.36	39.58	-42.55	35.82	-62.41	-13.00	49.41	142	197	Vertical
6	7404.36	59.25	-41.96	36.44	-41.53	-13.00	28.53	221	0	Vertical



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Test Band = CA Band 2A-66A_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5613	55.58	-43.84	32.96	-50.56	-13.00	37.56	241	245	Horizontal
2	7484.25	50.54	-41.66	36.49	-49.89	-13.00	36.89	174	310	Horizontal
3	3454.18	42.53	-45.80	29.42	-69.11	-13.00	56.11	142	1	Horizontal
4	3742.18	60.45	-45.59	29.98	-50.41	-13.00	37.41	263	327	Horizontal
5	5181.27	40.83	-44.18	32.60	-66.01	-13.00	53.01	265	0	Horizontal
6	6908.36	39.56	-42.44	36.02	-62.13	-13.00	49.13	254	14	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	3742.5	67.10	-45.59	29.98	-43.76	-13.00	30.76	142	328	Vertical
2	5613	72.40	-43.84	32.96	-33.74	-13.00	20.74	285	0	Vertical
3	7484.25	59.69	-41.66	36.49	-40.74	-13.00	27.74	263	2	Vertical
4	9355.5	45.54	-38.26	38.56	-49.42	-13.00	36.42	265	181	Vertical
5	3454.18	42.83	-45.80	29.42	-68.81	-13.00	55.81	241	247	Vertical
6	6908.36	39.51	-42.44	36.02	-62.18	-13.00	49.18	189	81	Vertical



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Test Band = CA Band 2A-66A_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	42.33	-45.67	29.41	-69.19	-13.00	56.19	196	0	Horizontal
2	3782.18	64.68	-45.48	30.08	-45.98	-13.00	32.98	265	344	Horizontal
3	5256.27	39.85	-44.07	32.60	-66.88	-13.00	53.88	284	357	Horizontal
4	5673.27	53.73	-43.77	33.16	-52.15	-13.00	39.15	254	260	Horizontal
5	7008.36	39.62	-42.58	36.21	-62.01	-13.00	49.01	166	0	Horizontal
6	7564.36	51.47	-41.38	36.63	-48.54	-13.00	35.54	224	311	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	3504.18	42.37	-45.67	29.41	-69.15	-13.00	56.15	284	246	Vertical
2	3782.18	70.61	-45.48	30.08	-40.05	-13.00	27.05	265	0	Vertical
3	5256.27	40.07	-44.07	32.60	-66.66	-13.00	53.66	142	265	Vertical
4	5673.27	69.54	-43.77	33.16	-36.34	-13.00	23.34	263	0	Vertical
5	7008.36	40.30	-42.58	36.21	-61.33	-13.00	48.33	222	231	Vertical
6	7564.36	58.55	-41.38	36.63	-41.46	-13.00	28.46	142	0	Vertical



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Test Band = CA Band 2A-7A_ TM1
Test Channel = Low Channel

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	60.92	-45.69	29.88	-50.15	-13.00	37.15	196	327	Horizontal
2	7404	51.19	-41.96	36.44	-49.59	-13.00	36.59	265	312	Horizontal
3	5002.18	39.67	-44.92	32.60	-67.91	-13.00	54.91	284	1	Horizontal
4	5553.27	50.48	-43.87	32.77	-55.88	-13.00	42.88	142	278	Horizontal
5	7503.27	38.63	-41.59	36.51	-61.71	-13.00	48.71	263	1	Horizontal
6	10004.36	33.74	-37.13	38.51	-60.15	-13.00	47.15	224	144	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	66.85	-45.69	29.88	-44.22	-13.00	31.22	156	329	Vertical
2	5002.18	40.03	-44.92	32.60	-67.55	-13.00	54.55	142	344	Vertical
3	5553.27	67.23	-43.87	32.77	-39.13	-13.00	26.13	263	1	Vertical
4	7404.36	58.11	-41.96	36.44	-42.67	-13.00	29.67	201	0	Vertical
5	7503.27	38.87	-41.59	36.51	-61.47	-13.00	48.47	142	161	Vertical
6	10004.36	34.36	-37.13	38.51	-59.53	-13.00	46.53	266	178	Vertical



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Test Band = CA Band 2A-7A_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7484.25	49.42	-41.66	36.49	-51.01	-13.00	38.01	263	313	Horizontal
2	3742.18	60.58	-45.59	29.98	-50.28	-13.00	37.28	285	346	Horizontal
3	5052.18	41.17	-44.60	32.60	-66.09	-13.00	53.09	241	2	Horizontal
4	5613.27	53.45	-43.84	32.96	-52.69	-13.00	39.69	142	262	Horizontal
5	7578.27	38.55	-41.33	36.66	-61.38	-13.00	48.38	266	0	Horizontal
6	10104.36	34.10	-36.80	38.62	-59.34	-13.00	46.34	269	64	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	3742.5	67.52	-45.59	29.98	-43.34	-13.00	30.34	196	344	Vertical
2	5613	71.16	-43.84	32.96	-34.98	-13.00	21.98	265	357	Vertical
3	7484.25	59.72	-41.66	36.49	-40.71	-13.00	27.71	284	1	Vertical
4	5052.18	40.63	-44.60	32.60	-66.63	-13.00	53.63	142	1	Vertical
5	7578.27	37.76	-41.33	36.66	-62.17	-13.00	49.17	263	193	Vertical
6	10104.36	33.76	-36.80	38.62	-59.68	-13.00	46.68	268	127	Vertical



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Test Band = CA Band 2A-7A_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	65.19	-45.48	30.08	-45.47	-13.00	32.47	142	344	Horizontal
2	5102.18	40.71	-44.29	32.60	-66.24	-13.00	53.24	269	0	Horizontal
3	5673.27	55.18	-43.77	33.16	-50.70	-13.00	37.70	285	261	Horizontal
4	7564.36	48.44	-41.38	36.63	-51.57	-13.00	38.57	241	326	Horizontal
5	7653.27	37.14	-41.30	36.81	-62.61	-13.00	49.61	142	2	Horizontal
6	10204.36	35.14	-36.56	38.72	-57.96	-13.00	44.96	263	7	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	3782.18	70.79	-45.48	30.08	-39.87	-13.00	26.87	296	357	Vertical
2	5102.18	40.53	-44.29	32.60	-66.42	-13.00	53.42	265	15	Vertical
3	5673.27	69.87	-43.77	33.16	-36.01	-13.00	23.01	284	357	Vertical
4	7564.36	58.44	-41.38	36.63	-41.57	-13.00	28.57	174	0	Vertical
5	7653.27	37.10	-41.30	36.81	-62.65	-13.00	49.65	142	328	Vertical
6	10204.36	34.90	-36.56	38.72	-58.20	-13.00	45.20	255	1	Vertical



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Test Band = CA Band 2A-12A_ TM1
Test Channel = Low Channel

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	63.00	-45.69	29.88	-48.07	-13.00	35.07	142	327	Horizontal
2	1399.18	32.50	-25.81	25.40	-63.17	-13.00	50.17	285	72	Horizontal
3	2098.77	32.15	-24.91	27.10	-60.92	-13.00	47.92	263	62	Horizontal
4	2798.36	30.70	-23.69	28.91	-59.34	-13.00	46.34	265	326	Horizontal
5	5553.27	52.71	-43.87	32.77	-53.65	-13.00	40.65	241	259	Horizontal
6	7404.36	48.57	-41.96	36.44	-52.21	-13.00	39.21	186	294	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	66.69	-45.69	29.88	-44.38	-13.00	31.38	196	0	Vertical
2	1399.18	31.75	-25.81	25.40	-63.92	-13.00	50.92	265	359	Vertical
3	2098.77	31.08	-24.91	27.10	-61.99	-13.00	48.99	284	187	Vertical
4	2798.36	30.43	-23.69	28.91	-59.61	-13.00	46.61	142	116	Vertical
5	5553.27	66.95	-43.87	32.77	-39.41	-13.00	26.41	255	0	Vertical
6	7404.36	58.45	-41.96	36.44	-42.33	-13.00	29.33	263	0	Vertical



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Test Band = CA Band 2A-12A_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.5	62.00	-45.59	29.98	-48.86	-13.00	35.86	146	328	Horizontal
2	5613	55.08	-43.84	32.96	-51.06	-13.00	38.06	295	262	Horizontal
3	7484.25	50.21	-41.66	36.49	-50.22	-13.00	37.22	284	312	Horizontal
4	1406.18	31.48	-25.79	25.41	-64.16	-13.00	51.16	178	242	Horizontal
5	2109.27	32.15	-24.91	27.12	-60.90	-13.00	47.90	255	63	Horizontal
6	2812.36	30.96	-23.65	28.96	-58.99	-13.00	45.99	263	30	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	7484.25	60.79	-41.66	36.49	-39.64	-13.00	26.64	163	0	Vertical
2	1406.18	31.49	-25.79	25.41	-64.15	-13.00	51.15	296	3	Vertical
3	2109.27	31.04	-24.91	27.12	-62.01	-13.00	49.01	285	350	Vertical
4	2812.36	30.76	-23.65	28.96	-59.19	-13.00	46.19	241	31	Vertical
5	3742.18	66.73	-45.59	29.98	-44.13	-13.00	31.13	142	329	Vertical
6	5613.27	69.73	-43.84	32.96	-36.41	-13.00	23.41	263	357	Vertical



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Test Band = CA Band 2A-12A_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.18	32.40	-25.77	25.41	-63.22	-13.00	50.22	296	327	Horizontal
2	2119.77	31.78	-24.90	27.14	-61.24	-13.00	48.24	265	327	Horizontal
3	2826.36	31.05	-23.61	29.01	-58.81	-13.00	45.81	284	252	Horizontal
4	3782.18	65.05	-45.48	30.08	-45.61	-13.00	32.61	142	344	Horizontal
5	5673.27	54.08	-43.77	33.16	-51.80	-13.00	38.80	263	246	Horizontal
6	7564.36	50.54	-41.38	36.63	-49.47	-13.00	36.47	254	312	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	3782.25	71.14	-45.48	30.08	-39.52	-13.00	26.52	142	357	Vertical
2	5673	73.06	-43.77	33.15	-32.82	-13.00	19.82	265	1	Vertical
3	1413.18	31.78	-25.77	25.41	-63.84	-13.00	50.84	298	11	Vertical
4	2119.77	30.88	-24.90	27.14	-62.14	-13.00	49.14	274	360	Vertical
5	2826.36	30.56	-23.61	29.01	-59.30	-13.00	46.30	142	82	Vertical
6	7564.36	58.61	-41.38	36.63	-41.40	-13.00	28.40	266	1	Vertical



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Test Band = CA Band 2A-13A_ TM1
Test Channel = Low Channel

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	61.01	-45.69	29.88	-50.06	-13.00	37.06	142	261	Horizontal
2	1554.68	32.13	-25.48	25.56	-63.05	-13.00	50.05	285	53	Horizontal
3	2332.02	31.15	-24.55	27.57	-61.09	-13.00	48.09	263	63	Horizontal
4	3109.36	42.67	-45.91	29.56	-68.95	-13.00	55.95	265	1	Horizontal
5	5553.27	52.60	-43.87	32.77	-53.76	-13.00	40.76	241	228	Horizontal
6	7404.36	49.15	-41.96	36.44	-51.63	-13.00	38.63	184	310	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	67.22	-45.69	29.88	-43.85	-13.00	30.85	185	0	Vertical
2	1554.68	31.31	-25.48	25.56	-63.87	-13.00	50.87	255	344	Vertical
3	2332.02	30.54	-24.55	27.57	-61.70	-13.00	48.70	142	188	Vertical
4	3109.36	42.91	-45.91	29.56	-68.71	-13.00	55.71	263	344	Vertical
5	5553.27	66.94	-43.87	32.77	-39.42	-13.00	26.42	241	1	Vertical
6	7404.36	59.37	-41.96	36.44	-41.41	-13.00	28.41	166	1	Vertical



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Test Band = CA Band 2A-13A_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7484.25	50.20	-41.66	36.49	-50.23	-13.00	37.23	166	312	Horizontal
2	1559.68	31.41	-25.47	25.56	-63.76	-13.00	50.76	296	52	Horizontal
3	2339.52	30.65	-24.53	27.58	-61.56	-13.00	48.56	265	3	Horizontal
4	3119.36	42.60	-45.88	29.55	-68.98	-13.00	55.98	241	130	Horizontal
5	3742.18	60.10	-45.59	29.98	-50.76	-13.00	37.76	174	328	Horizontal
6	5613.27	53.43	-43.84	32.96	-52.71	-13.00	39.71	155	7	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	7484.25	60.62	-41.66	36.49	-39.81	-13.00	26.81	365	0	Vertical
2	1559.68	31.18	-25.47	25.56	-63.99	-13.00	50.99	296	51	Vertical
3	2339.52	30.70	-24.53	27.58	-61.51	-13.00	48.51	265	133	Vertical
4	3119.36	42.62	-45.88	29.55	-68.96	-13.00	55.96	241	9	Vertical
5	3742.18	67.81	-45.59	29.98	-43.05	-13.00	30.05	142	357	Vertical
6	5613.27	69.44	-43.84	32.96	-36.70	-13.00	23.70	285	0	Vertical



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Test Band = CA Band 2A-13A_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	31.71	-25.47	25.57	-63.45	-13.00	50.45	142	326	Horizontal
2	2347.02	30.48	-24.52	27.60	-61.70	-13.00	48.70	263	220	Horizontal
3	3129.36	43.51	-45.84	29.55	-68.04	-13.00	55.04	296	117	Horizontal
4	3782.18	66.16	-45.48	30.08	-44.50	-13.00	31.50	265	344	Horizontal
5	5673.27	53.00	-43.77	33.16	-52.88	-13.00	39.88	241	279	Horizontal
6	7564.36	50.74	-41.38	36.63	-49.27	-13.00	36.27	122	312	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	1564.68	30.98	-25.47	25.57	-64.18	-13.00	51.18	296	137	Vertical
2	2347.02	30.39	-24.52	27.60	-61.79	-13.00	48.79	265	359	Vertical
3	3129.36	43.41	-45.84	29.55	-68.14	-13.00	55.14	284	0	Vertical
4	3782.18	71.19	-45.48	30.08	-39.47	-13.00	26.47	142	344	Vertical
5	5673.27	70.44	-43.77	33.16	-35.44	-13.00	22.44	226	357	Vertical
6	7564.36	58.40	-41.38	36.63	-41.61	-13.00	28.61	214	2	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	-1.50	-0.000798	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	0.00	0.000000	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-2.00	-0.001064	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-0.60	-0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-1.40	-0.000745	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-1.00	-0.000532	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-1.10	-0.000585	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-0.90	-0.000479	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-1.60	-0.000851	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-2.20	-0.001170	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-1.70	-0.000904	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-1.10	-0.000585	PASS

---End of Attachment---



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