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Appendix B.1

LTE Band 7



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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
Band7	5MHz	QPSK	20775	1RB#0	23.08	20.58	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.14	20.64	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.01	20.51	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.15	19.65	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.85	20.35	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.99	20.49	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.87	20.37	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.85	19.35	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.63	20.13	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.72	20.22	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.77	20.27	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.84	19.34	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.41	19.91	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.22	19.72	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.07	19.57	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.15	18.65	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.13	19.63	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.04	19.54	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.97	19.47	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.94	18.44	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.70	19.20	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.89	19.39	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.88	19.38	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.82	18.32	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	22.30	19.80	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.16	18.66	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.99	18.49	33.00	PASS



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Band7	5MHz	64QAM	20775	25RB#0	20.18	17.68	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.07	18.57	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.03	18.53	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.00	18.50	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.89	17.39	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	20.88	18.38	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.97	18.47	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	20.82	18.32	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	19.76	17.26	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#0	18.44	15.94	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#12	18.44	15.94	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#24	17.84	15.34	33.00	PASS
Band7	5MHz	256QAM	20775	25RB#0	18.17	15.67	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#0	17.88	15.38	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#12	17.97	15.47	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#24	17.83	15.33	33.00	PASS
Band7	5MHz	256QAM	21100	25RB#0	17.87	15.37	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#0	17.84	15.34	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#12	17.86	15.36	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#24	17.75	15.25	33.00	PASS
Band7	5MHz	256QAM	21425	25RB#0	17.87	15.37	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.14	20.64	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.11	20.61	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.00	20.50	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.16	19.66	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.87	20.37	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.95	20.45	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.82	20.32	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.92	19.42	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.75	20.25	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.83	20.33	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.65	20.15	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.83	19.33	33.00	PASS



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Band7	10MHz	16QAM	20800	1RB#0	22.29	19.79	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.23	19.73	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.12	19.62	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.14	18.64	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.02	19.52	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.03	19.53	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.02	19.52	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.91	18.41	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.02	19.52	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.84	19.34	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.07	19.57	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.94	18.44	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.30	18.80	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.23	18.73	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.18	18.68	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.08	17.58	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.04	18.54	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.19	18.69	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.00	18.50	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.03	17.53	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.93	18.43	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.96	18.46	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.96	18.46	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.81	17.31	33.00	PASS
Band7	10MHz	256QAM	20800	1RB#0	18.32	15.82	33.00	PASS
Band7	10MHz	256QAM	20800	1RB#24	18.18	15.68	33.00	PASS
Band7	10MHz	256QAM	20800	1RB#49	18.16	15.66	33.00	PASS
Band7	10MHz	256QAM	20800	50RB#0	18.20	15.70	33.00	PASS
Band7	10MHz	256QAM	21100	1RB#0	17.96	15.46	33.00	PASS
Band7	10MHz	256QAM	21100	1RB#24	18.04	15.54	33.00	PASS
Band7	10MHz	256QAM	21100	1RB#49	17.87	15.37	33.00	PASS
Band7	10MHz	256QAM	21100	50RB#0	17.95	15.45	33.00	PASS
Band7	10MHz	256QAM	21400	1RB#0	18.14	15.64	33.00	PASS



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Band7	10MHz	256QAM	21400	1RB#24	18.09	15.59	33.00	PASS
Band7	10MHz	256QAM	21400	1RB#49	17.60	15.10	33.00	PASS
Band7	10MHz	256QAM	21400	50RB#0	17.79	15.29	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.17	20.67	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.00	20.50	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.80	20.30	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.04	19.54	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.73	20.23	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.87	20.37	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.89	20.39	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.88	19.38	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.68	20.18	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.71	20.21	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.62	20.12	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.83	19.33	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.49	19.99	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.12	19.62	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.98	19.48	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.07	18.57	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.93	19.43	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.99	19.49	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.11	19.61	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.99	18.49	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.79	19.29	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.84	19.34	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.87	19.37	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.83	18.33	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.22	18.72	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.31	18.81	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.17	18.67	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.08	17.58	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.86	18.36	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.14	18.64	33.00	PASS



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Band7	15MHz	64QAM	21100	1RB#74	20.97	18.47	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.82	17.32	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	20.79	18.29	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	20.96	18.46	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.92	18.42	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.78	17.28	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#0	18.55	16.05	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#38	18.32	15.82	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#74	18.06	15.56	33.00	PASS
Band7	15MHz	256QAM	20825	75RB#0	18.10	15.60	33.00	PASS
Band7	15MHz	256QAM	21100	1RB#0	17.75	15.25	33.00	PASS
Band7	15MHz	256QAM	21100	1RB#38	18.16	15.66	33.00	PASS
Band7	15MHz	256QAM	21100	1RB#74	17.72	15.22	33.00	PASS
Band7	15MHz	256QAM	21100	75RB#0	17.85	15.35	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#0	18.06	15.56	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#38	18.11	15.61	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#74	17.86	15.36	33.00	PASS
Band7	15MHz	256QAM	21375	75RB#0	17.73	15.23	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.09	20.59	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.02	20.52	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.88	20.38	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.02	19.52	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.84	20.34	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.99	20.49	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.82	20.32	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.83	19.33	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.56	20.06	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.71	20.21	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.71	20.21	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.86	19.36	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.19	19.69	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.06	19.56	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.98	19.48	33.00	PASS



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Band7	20MHz	16QAM	20850	100RB#0	21.13	18.63	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.17	19.67	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.98	19.48	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.79	19.29	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.80	18.30	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.84	19.34	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.88	19.38	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.88	19.38	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.78	18.28	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.22	18.72	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.22	18.72	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.05	18.55	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.01	17.51	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.96	18.46	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.09	18.59	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	20.96	18.46	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.98	17.48	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.84	18.34	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.05	18.55	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	20.85	18.35	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	19.80	17.30	33.00	PASS
Band7	20MHz	256QAM	20850	1RB#0	18.18	15.68	33.00	PASS
Band7	20MHz	256QAM	20850	1RB#49	18.06	15.56	33.00	PASS
Band7	20MHz	256QAM	20850	1RB#99	17.88	15.38	33.00	PASS
Band7	20MHz	256QAM	20850	100RB#0	18.09	15.59	33.00	PASS
Band7	20MHz	256QAM	21100	1RB#0	17.74	15.24	33.00	PASS
Band7	20MHz	256QAM	21100	1RB#49	17.93	15.43	33.00	PASS
Band7	20MHz	256QAM	21100	1RB#99	17.88	15.38	33.00	PASS
Band7	20MHz	256QAM	21100	100RB#0	17.87	15.37	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#0	18.24	15.74	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#49	17.70	15.20	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#99	17.58	15.08	33.00	PASS
Band7	20MHz	256QAM	21350	100RB#0	17.82	15.32	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.92	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	6.10	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	6.14	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.12	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.10	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.18	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.78	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.72	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.84	13	PASS
Band7	20MHz	256QAM	20850	100RB#0	7.10	13	PASS
Band7	20MHz	256QAM	21100	100RB#0	7.06	13	PASS
Band7	20MHz	256QAM	21350	100RB#0	7.10	13	PASS



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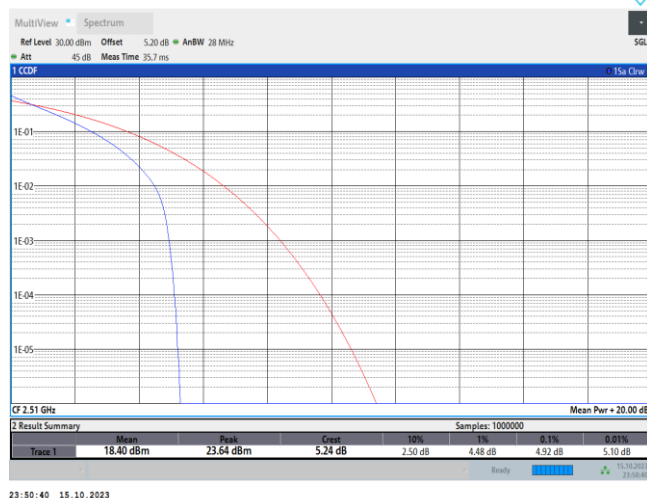
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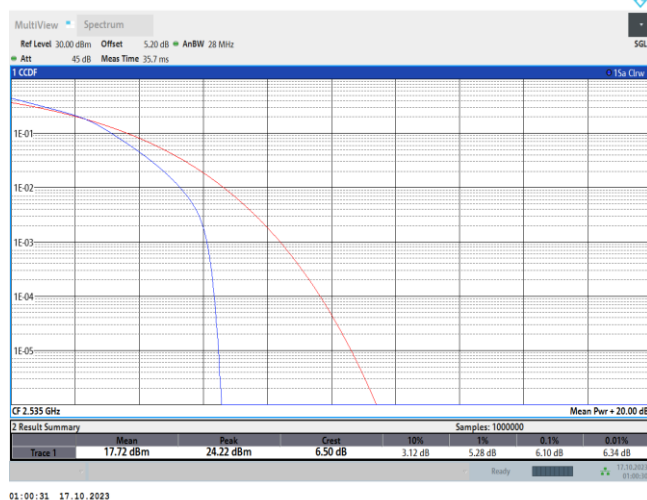
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Test Graphs

Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21100-100RB#0



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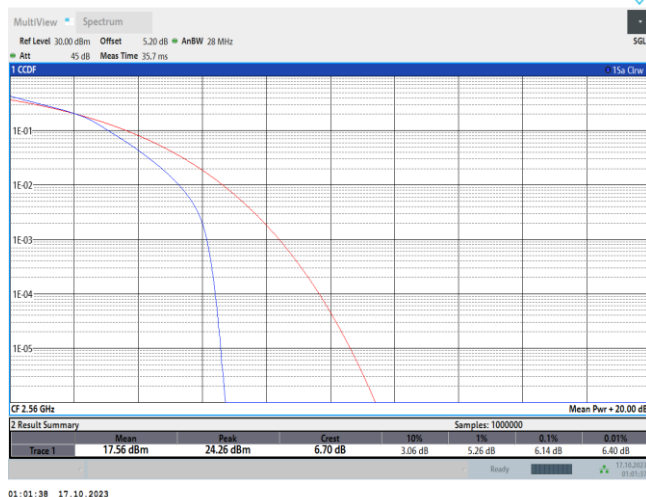
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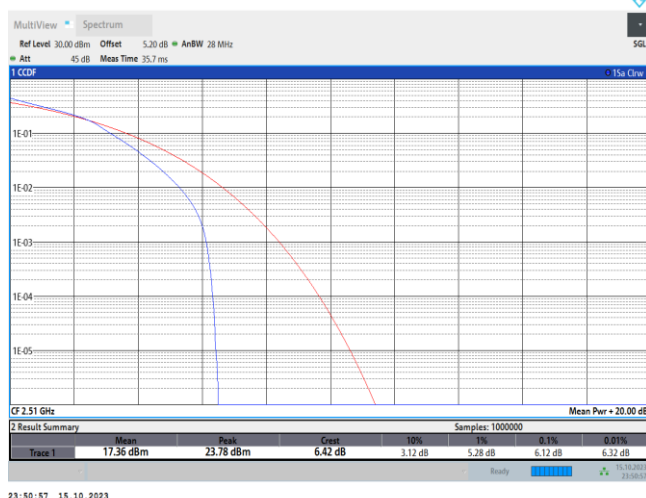
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Band7-20MHz-QPSK-21350-100RB#0



01:01:38 17.10.2023

Band7-20MHz-16QAM-20850-100RB#0



23:50:57 15.10.2023



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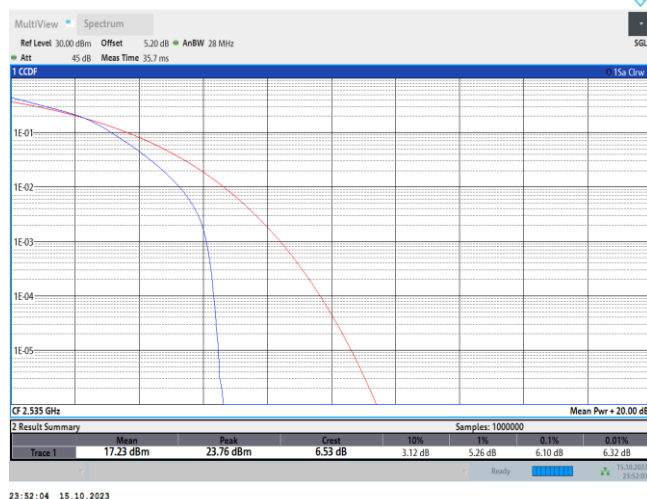
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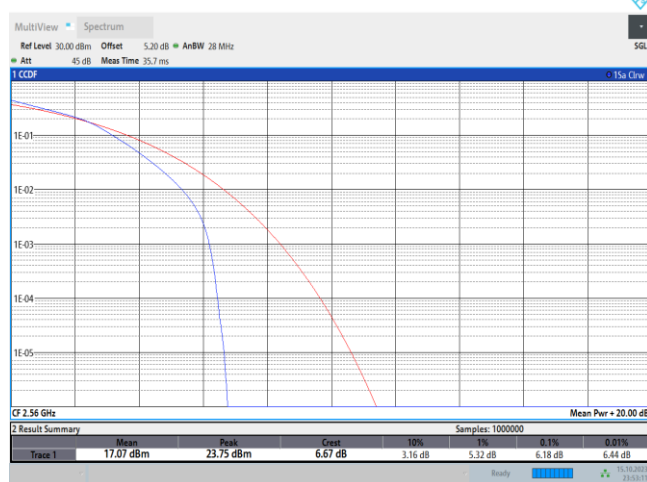
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Band7-20MHz-16QAM-21100-100RB#0



23:52:04 15.10.2023

Band7-20MHz-16QAM-21350-100RB#0



23:53:11 15.10.2023



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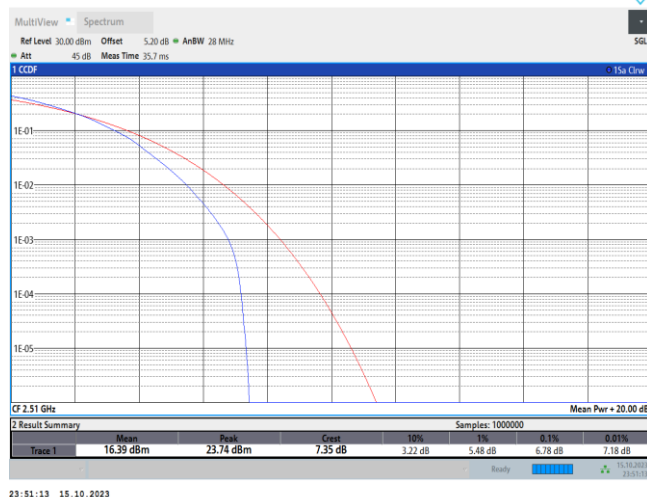
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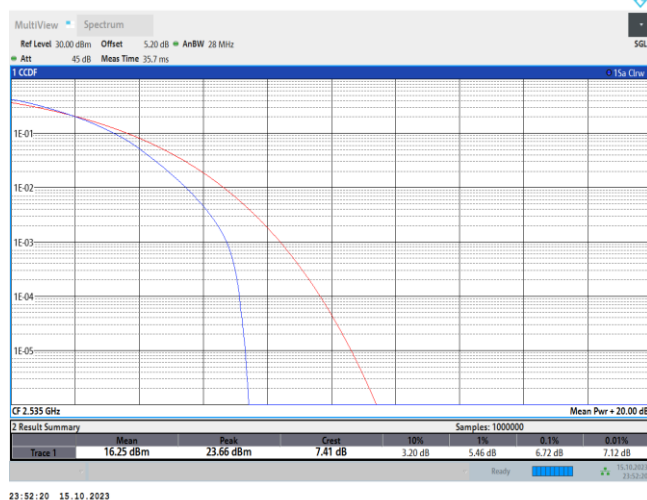
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Band7-20MHz-64QAM-20850-100RB#0



Band7-20MHz-64QAM-21100-100RB#0



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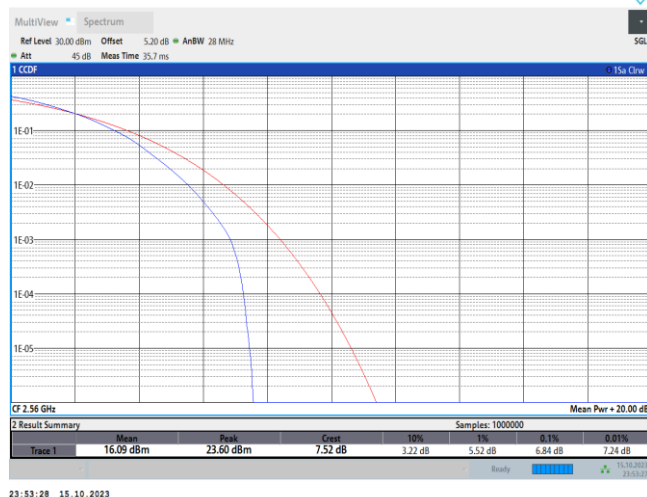
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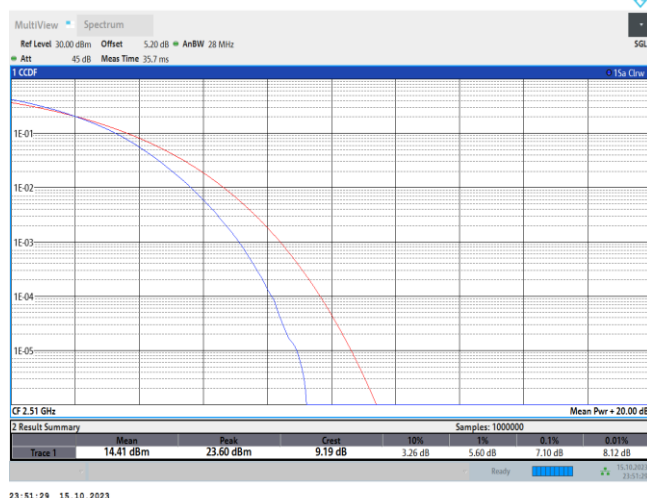
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Band7-20MHz-64QAM-21350-100RB#0



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Band7-20MHz-256QAM-20850-100RB#0



23:51:29 15.10.2023



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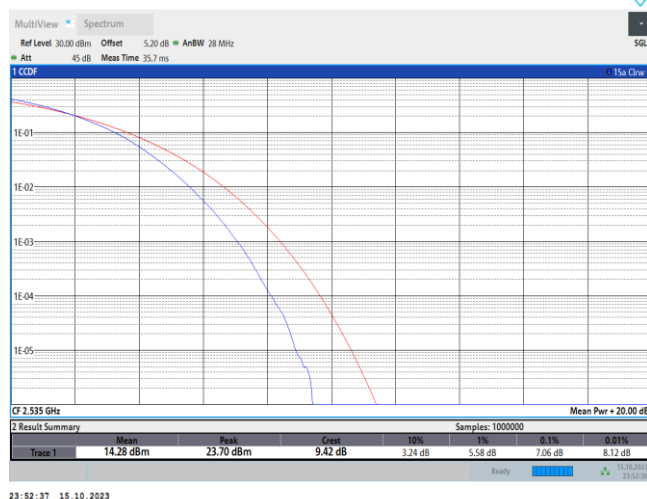
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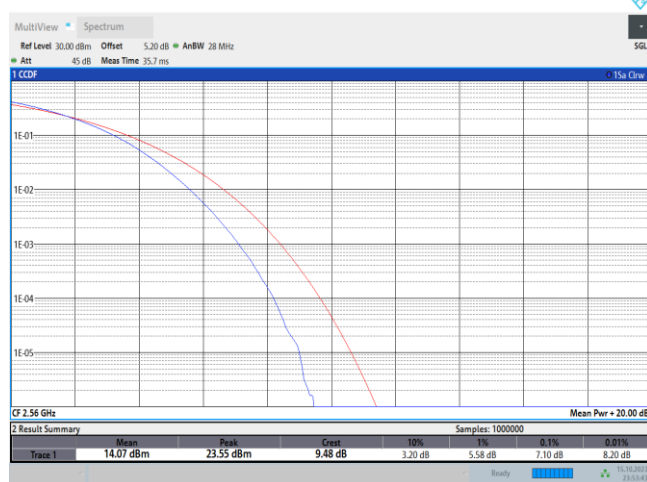
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Band7-20MHz-256QAM-21100-100RB#0



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Band7-20MHz-256QAM-21350-100RB#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
Band7	5MHz	QPSK	21100	25RB#0	4.473	4.99	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.483	5.08	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.477	5.08	PASS
Band7	5MHz	256QAM	21100	25RB#0	4.475	4.99	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.973	9.60	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.949	9.84	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.943	9.86	PASS
Band7	10MHz	256QAM	21100	50RB#0	8.94	9.88	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.473	15.03	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.478	15.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.478	14.94	PASS
Band7	15MHz	256QAM	21100	75RB#0	13.469	15.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.885	19.60	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.882	19.68	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.9	19.68	PASS
Band7	20MHz	256QAM	21100	100RB#0	17.902	19.60	PASS



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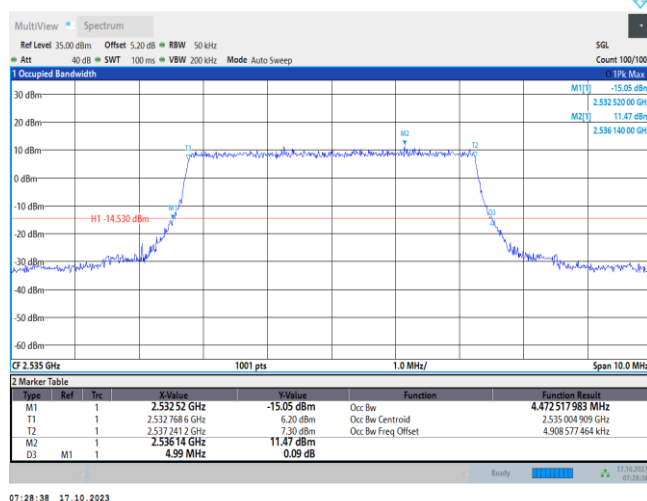
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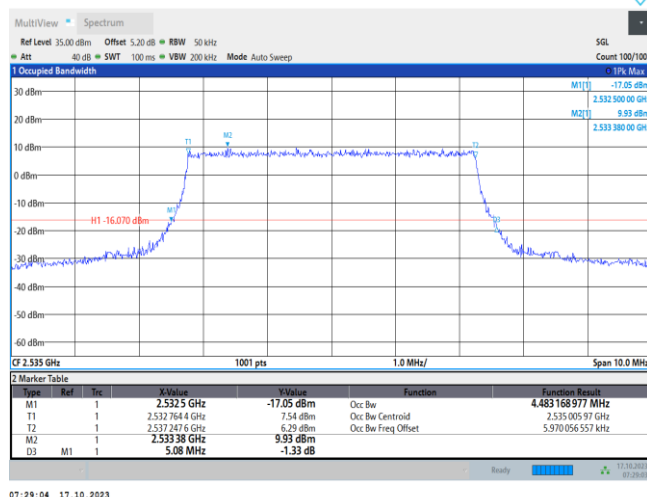
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Test Graphs

Band7-5MHz-QPSK-21100-25RB#0



Band7-5MHz-16QAM-21100-25RB#0



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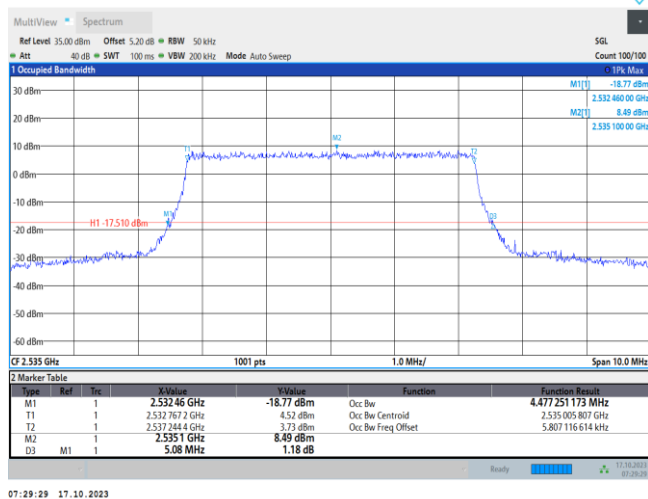
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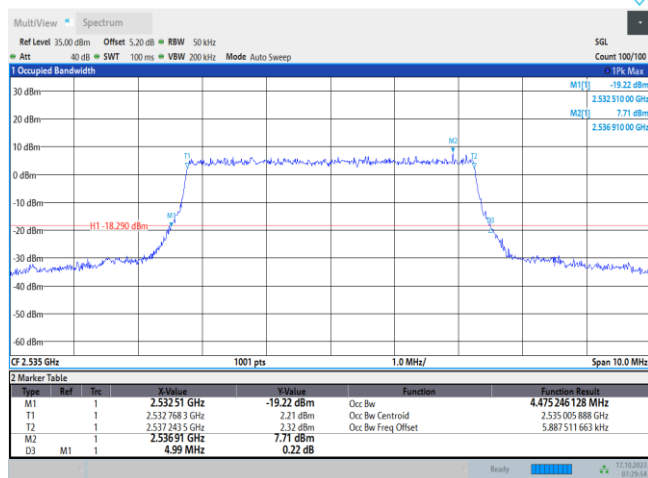
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Band7-5MHz-64QAM-21100-25RB#0



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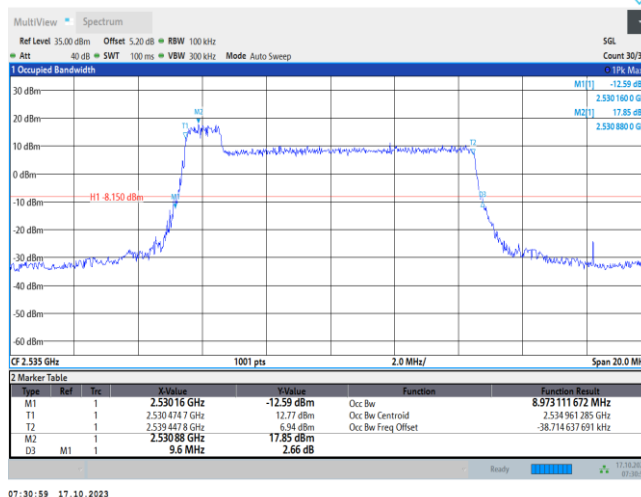
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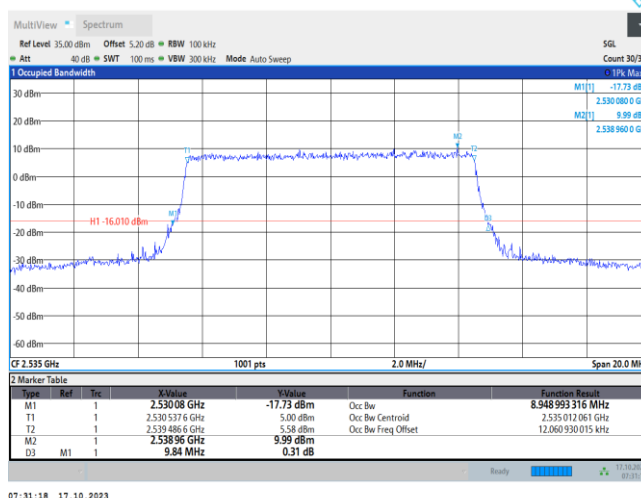
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Band7-10MHz-16QAM-21100-50RB#0



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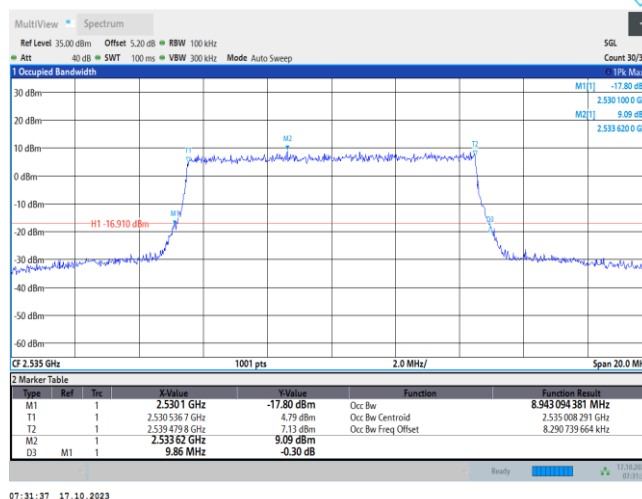
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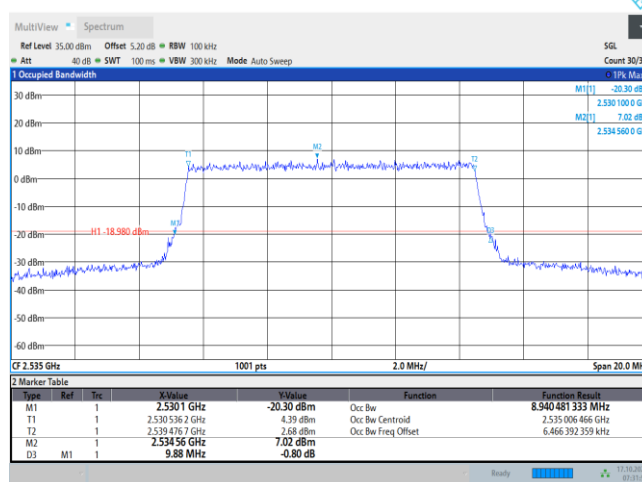
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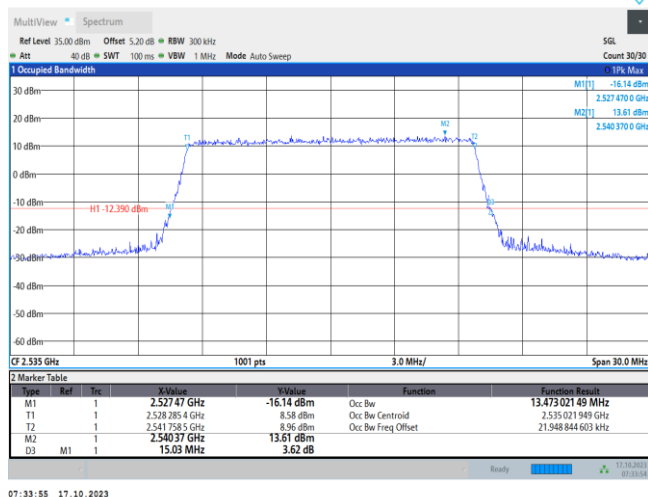
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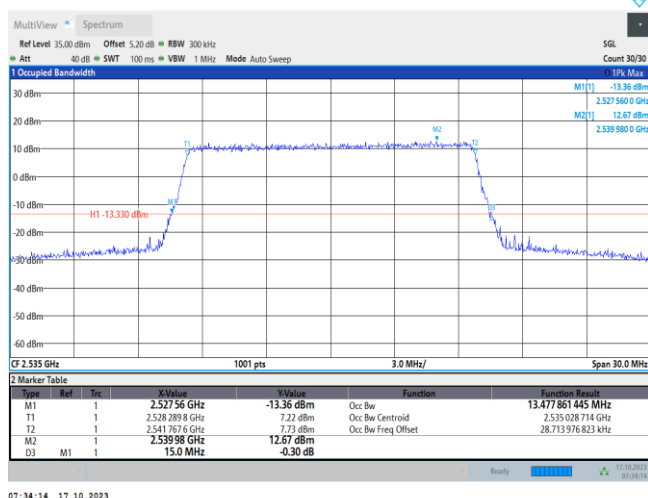
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Band7-15MHz-16QAM-21100-75RB#0



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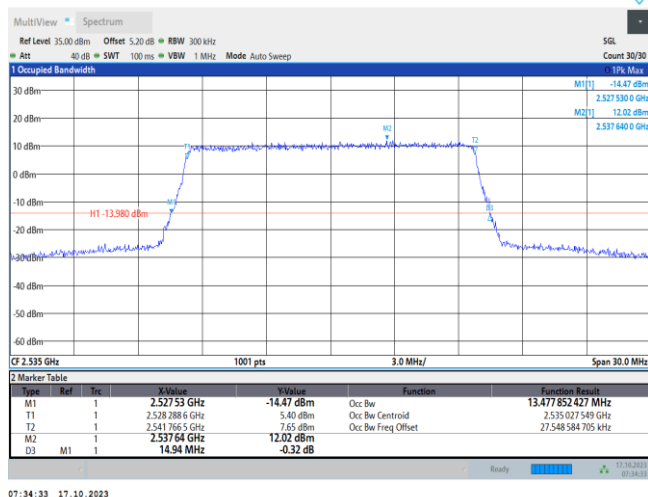
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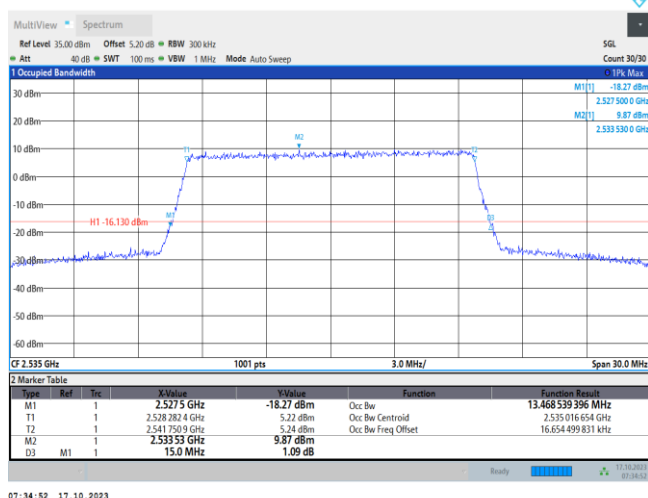
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Band7-15MHz-256QAM-21100-75RB#0



07:34:52 17.10.2023



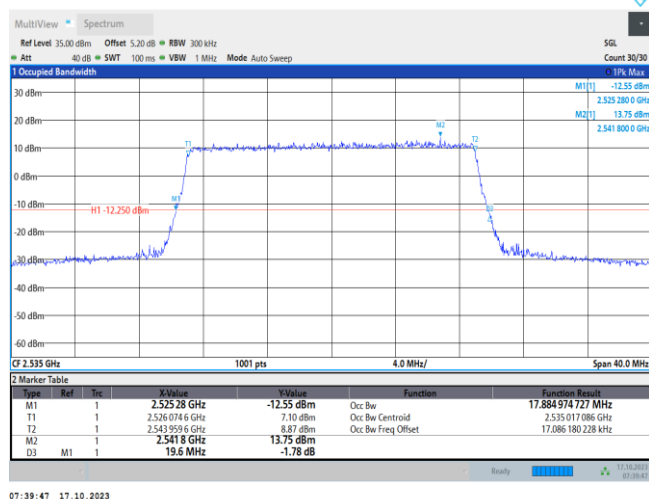
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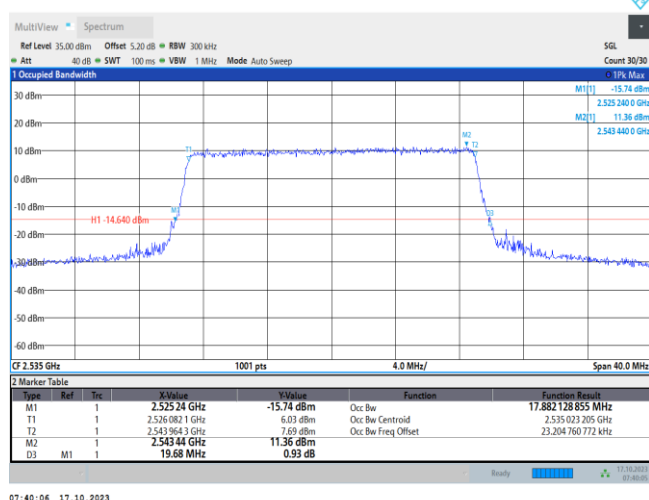
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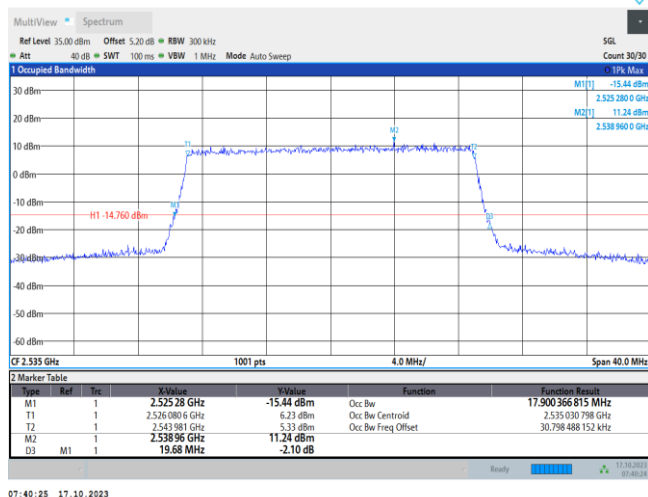
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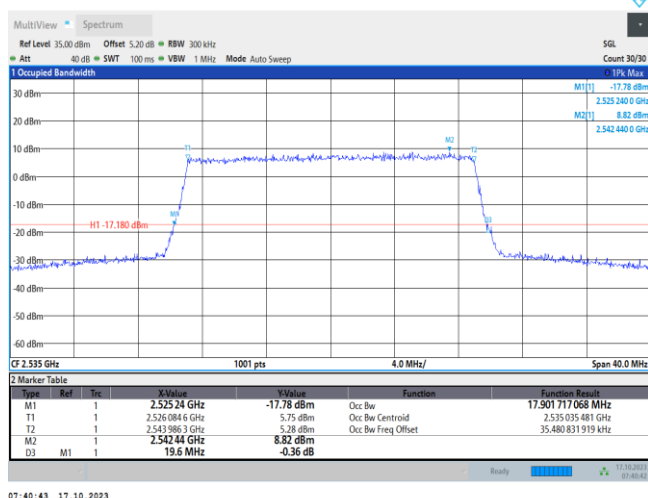
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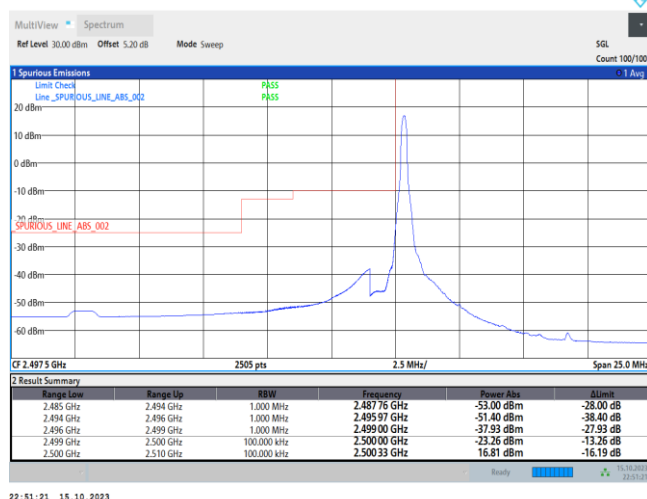
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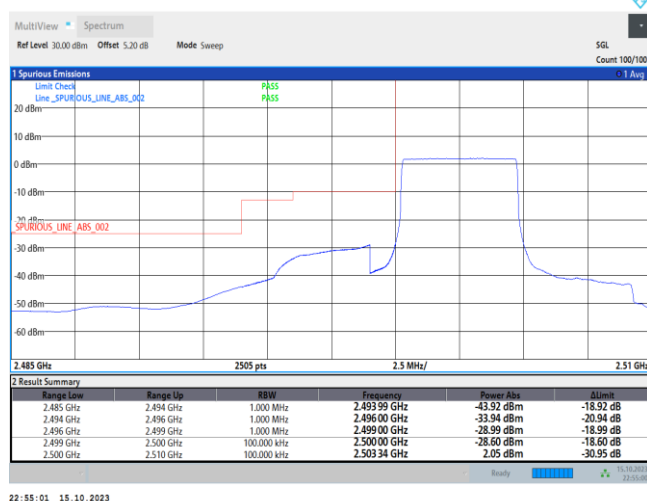
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Test Graphs

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Band7-5MHz-QPSK-20775-25RB#0



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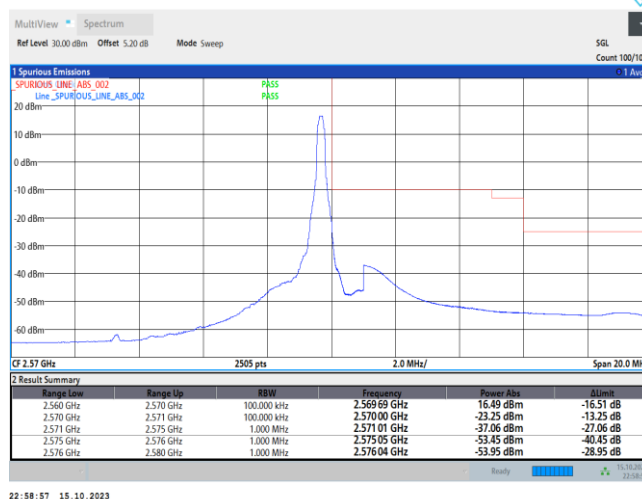
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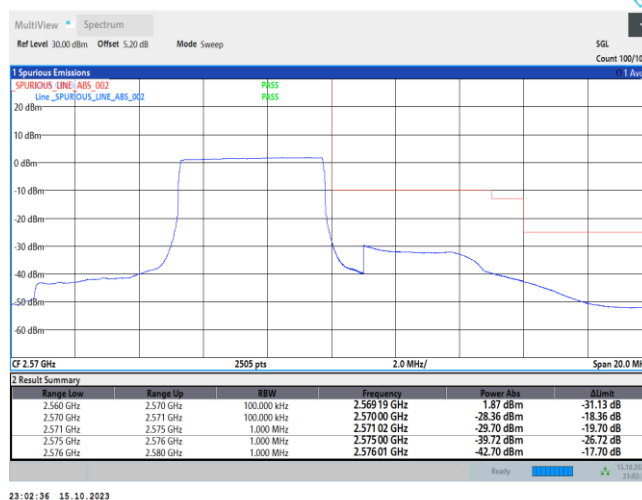
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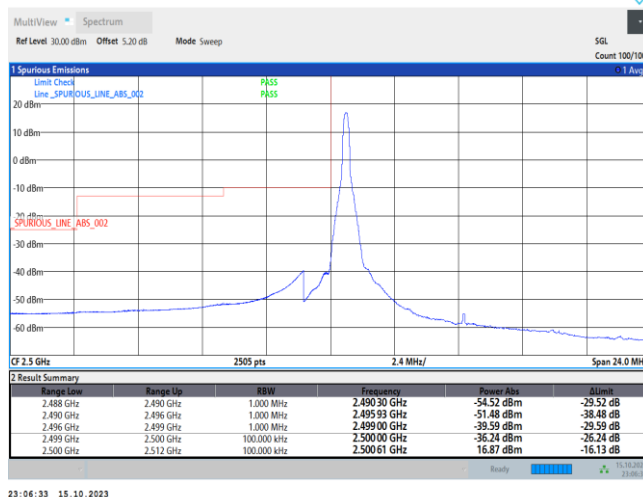
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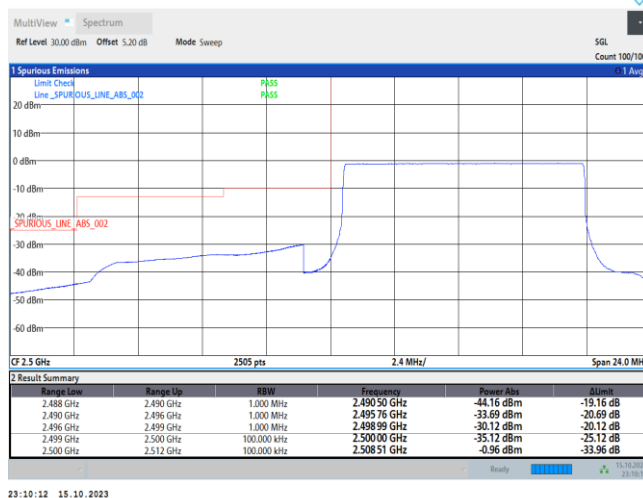
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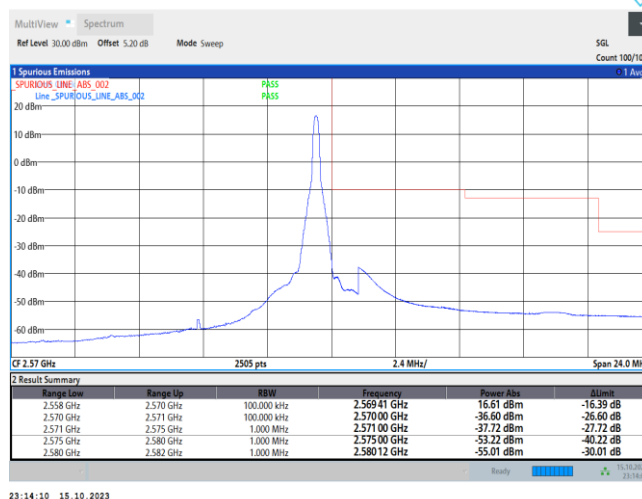
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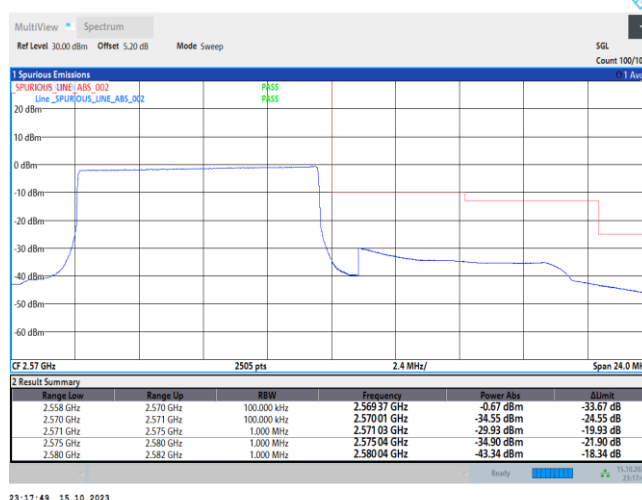
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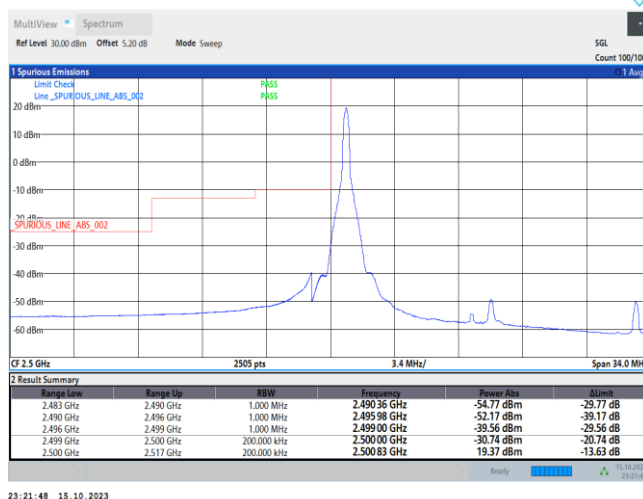
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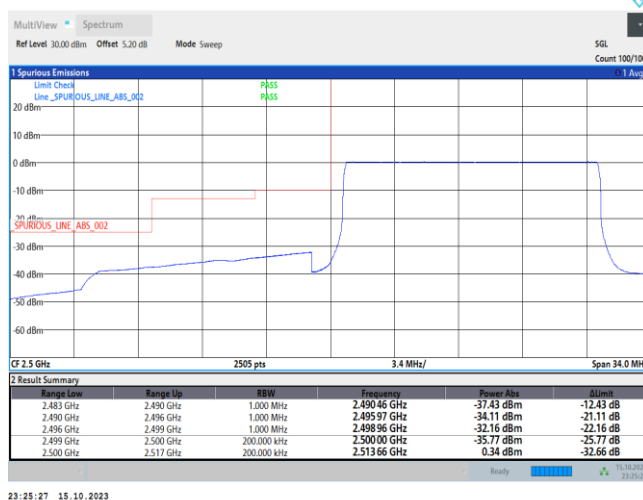
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Band7-15MHz-QPSK-20825-1RB#0



23:21:48 15.10.2023

Band7-15MHz-QPSK-20825-75RB#0



23:25:27 15.10.2023



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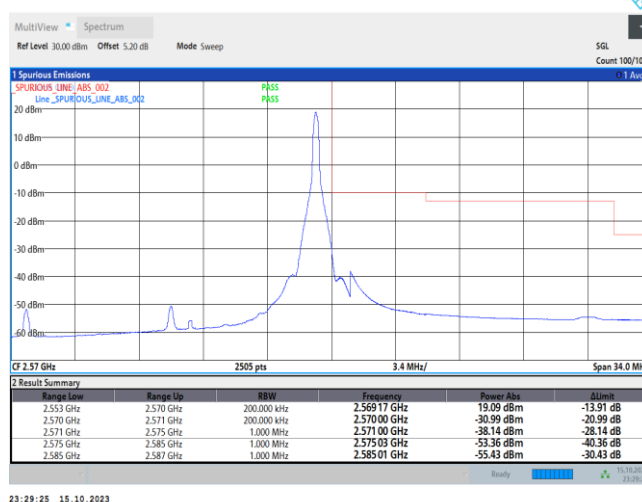
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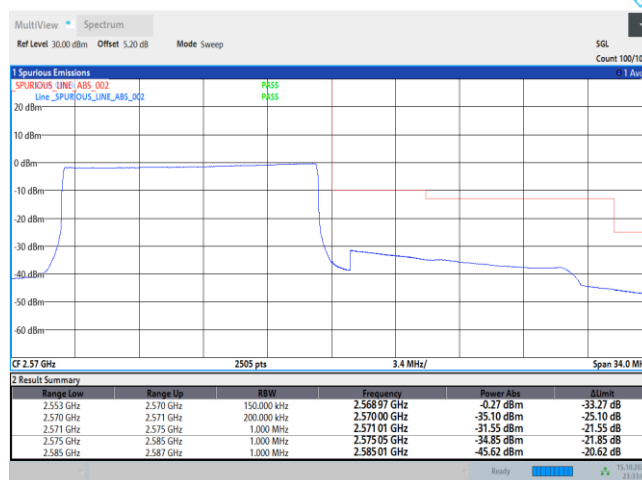
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Band7-15MHz-QPSK-21375-1RB#74



23:29:25 15.10.2023

Band7-15MHz-QPSK-21375-75RB#0



23:33:05 15.10.2023



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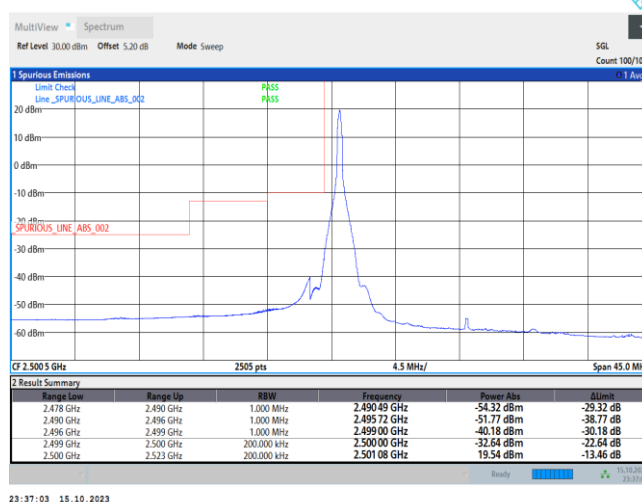
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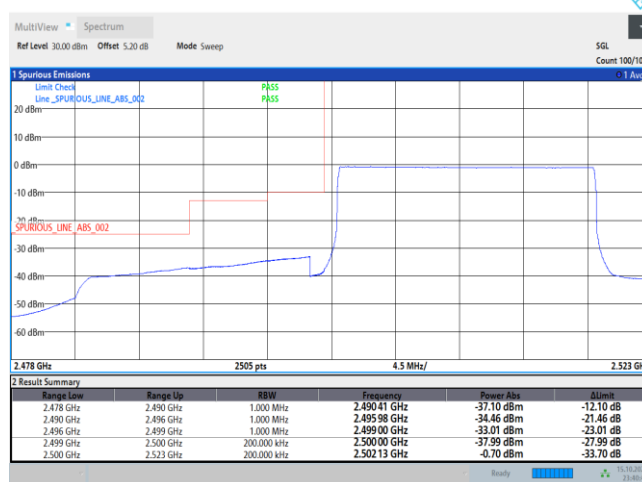
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Band7-20MHz-QPSK-20850-1RB#0



23:37:03 15.10.2023

Band7-20MHz-QPSK-20850-100RB#0



23:40:43 15.10.2023



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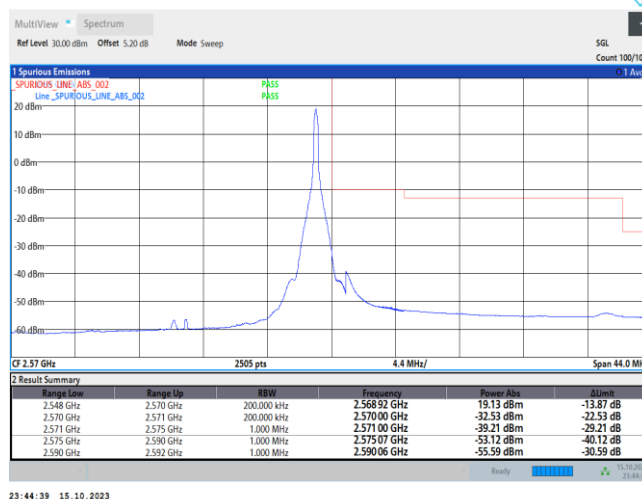
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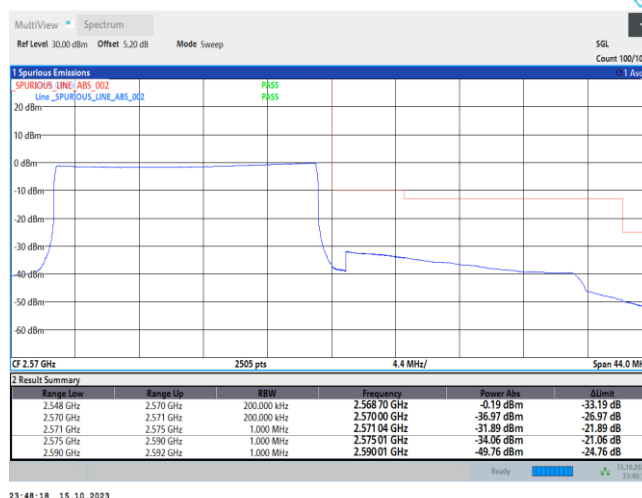
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Band7-20MHz-QPSK-21350-1RB#99



Band7-20MHz-QPSK-21350-100RB#0



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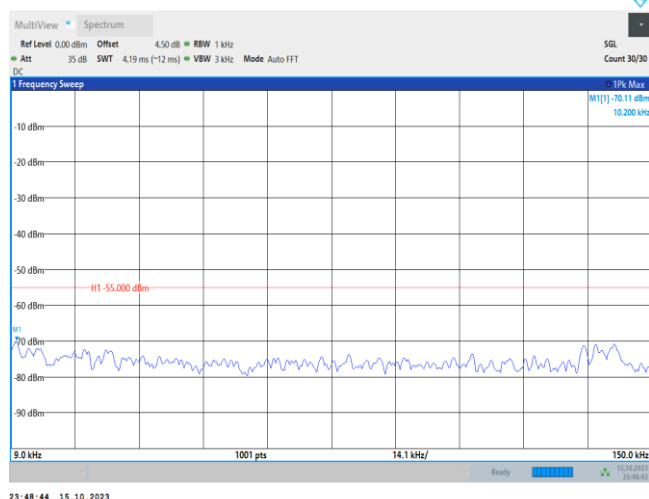
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Conducted Spurious Emission

Test Graphs

Band7-20MHz-QPSK-20850-1RB#0-Range1:0.009~0.15MHz



Band7-20MHz-QPSK-20850-1RB#0-Range2:0.15~30MHz



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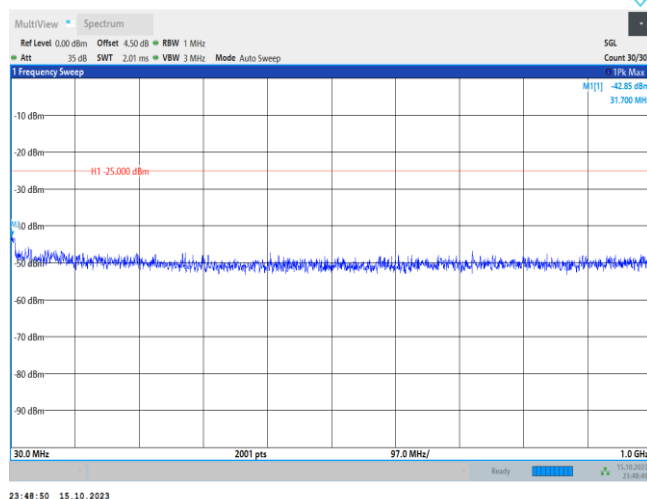
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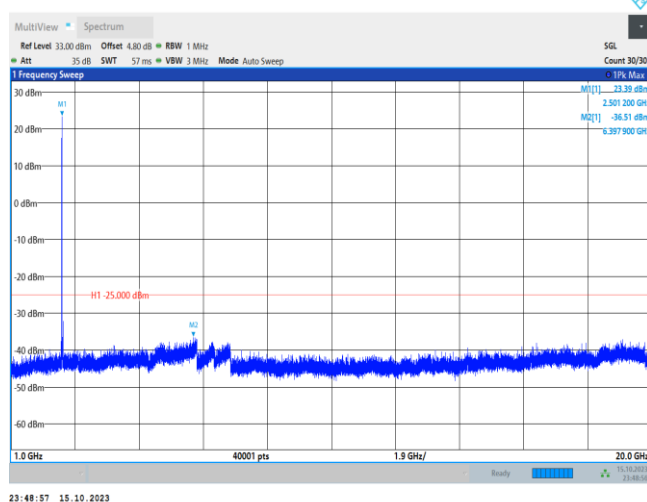
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Band7-20MHz-QPSK-20850-1RB#0-Range3:30~1000MHz



Band7-20MHz-QPSK-20850-1RB#0-Range4:1000~20000MHz



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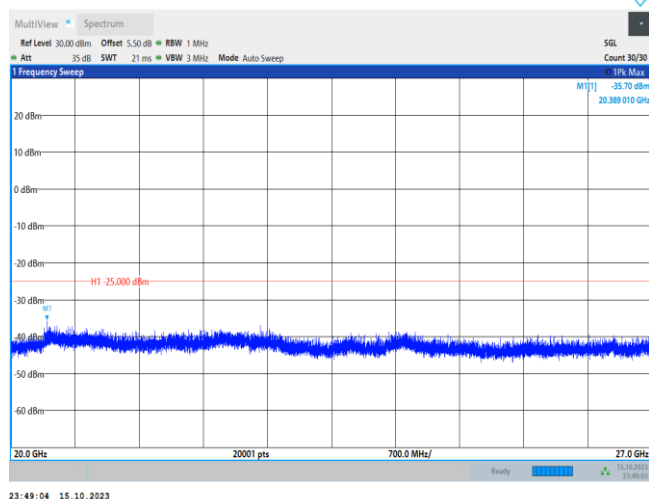
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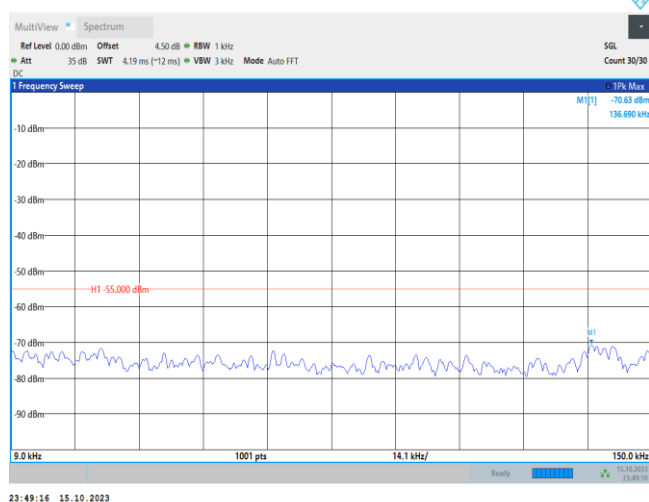
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Band7-20MHz-QPSK-20850-1RB#0-Range5:20000~27000MHz



Band7-20MHz-QPSK-21100-1RB#0-Range1:0.009~0.15MHz



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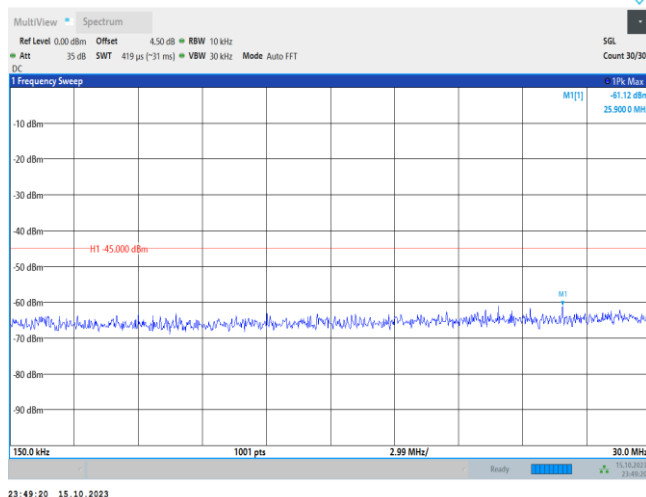
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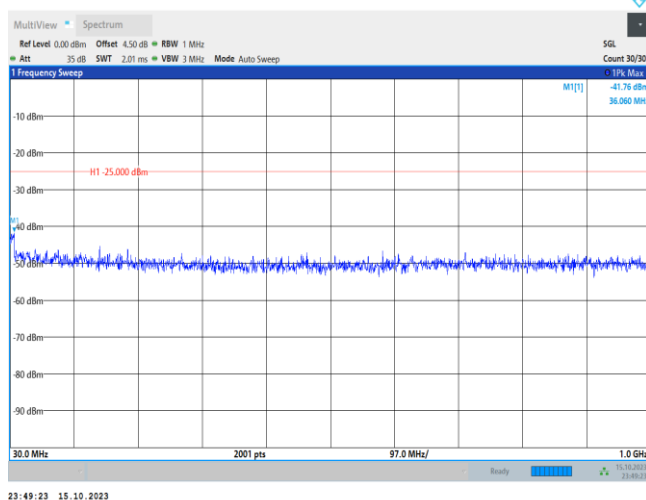
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Band7-20MHz-QPSK-21100-1RB#0-Range2:0.15~30MHz



Band7-20MHz-QPSK-21100-1RB#0-Range3:30~1000MHz



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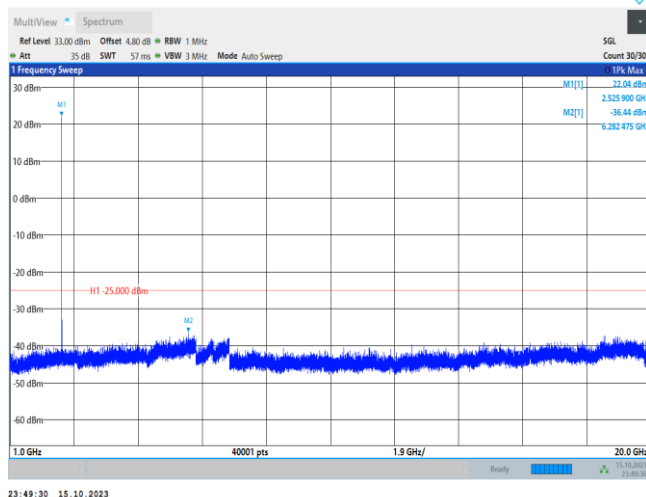
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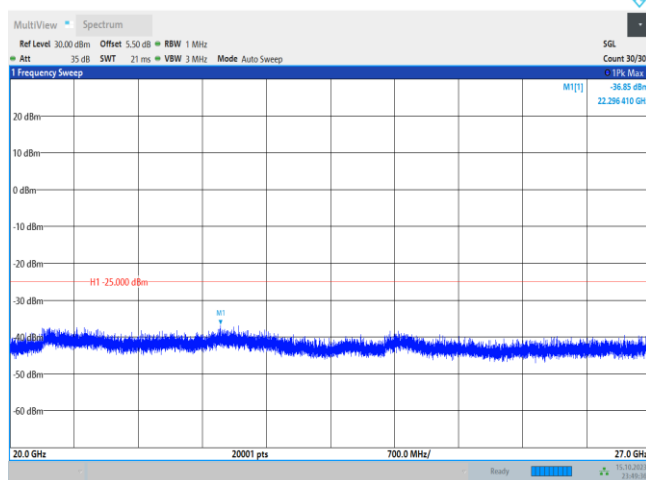
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Band7-20MHz-QPSK-21100-1RB#0-Range4:1000~20000MHz



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Band7-20MHz-QPSK-21100-1RB#0-Range5:20000~27000MHz



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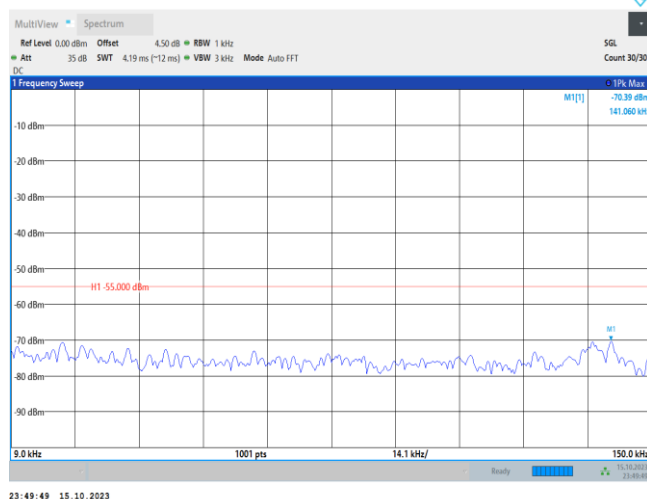
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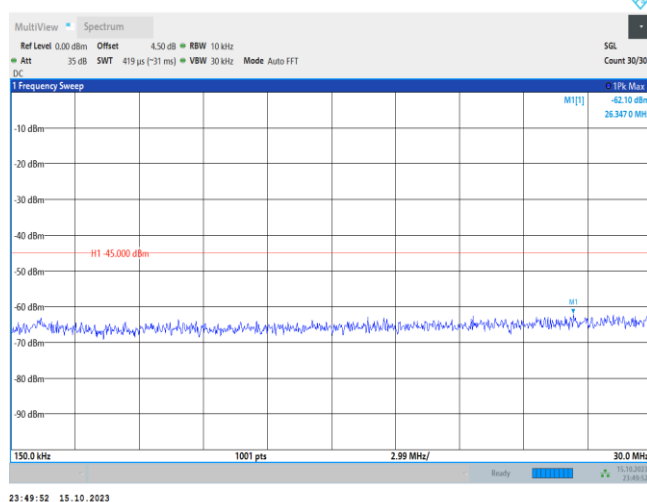
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Band7-20MHz-QPSK-21350-1RB#0-Range1:0.009~0.15MHz



Band7-20MHz-QPSK-21350-1RB#0-Range2:0.15~30MHz



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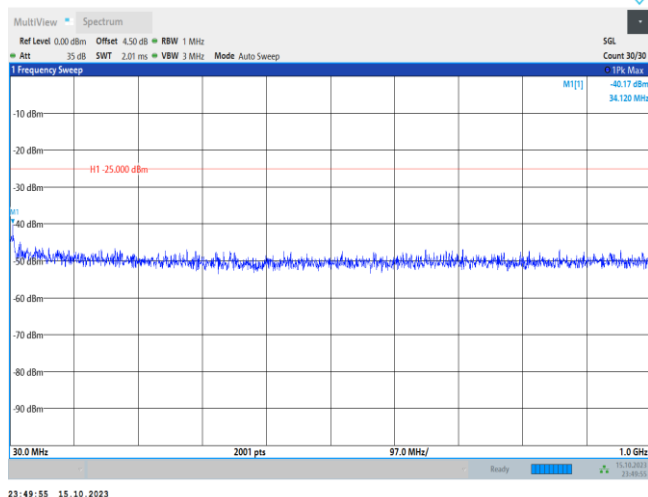
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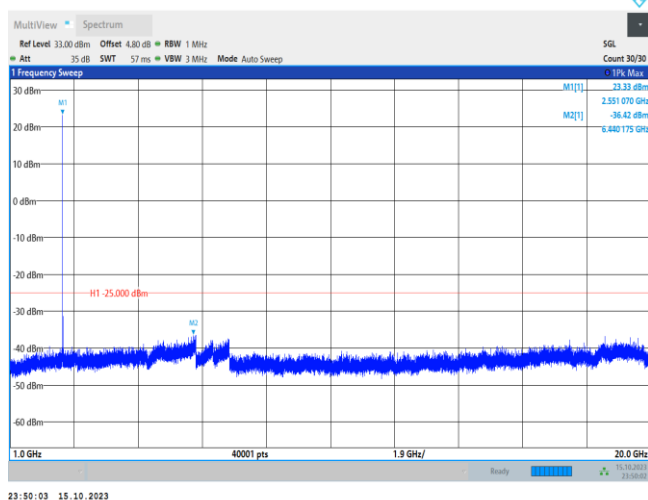
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Band7-20MHz-QPSK-21350-1RB#0-Range4:1000~20000MHz



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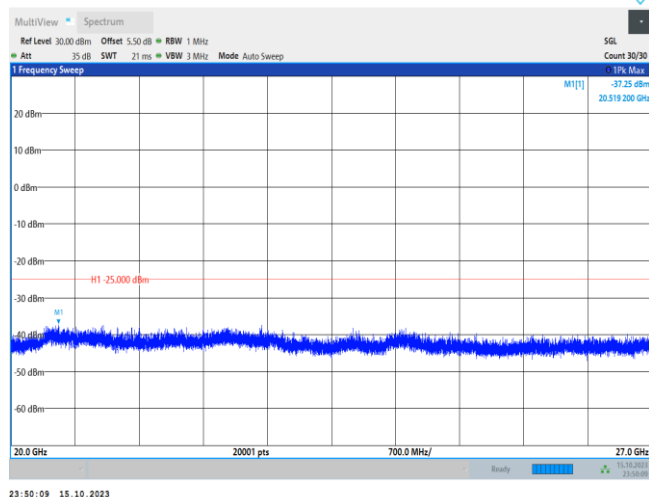
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Band7-20MHz-QPSK-21350-1RB#0-Range5:20000~27000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band7_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.1800	40.36	-45.63	31.41	-69.13	-25.00	44.13	Horizontal
2	7503.2700	37.94	-43.13	36.60	-63.85	-25.00	38.85	Horizontal
3	10004.3600	35.78	-39.23	38.20	-60.51	-25.00	35.51	Horizontal
4	12505.4500	27.94	-36.99	38.95	-65.36	-25.00	40.36	Horizontal
5	15006.5400	24.03	-34.65	41.29	-64.60	-25.00	39.60	Horizontal
6	17507.6300	27.45	-34.95	44.59	-58.17	-25.00	33.17	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.1800	41.19	-45.63	31.41	-68.30	-25.00	43.30	Vertical
2	7503.2700	39.03	-43.13	36.60	-62.76	-25.00	37.76	Vertical
3	10004.3600	39.20	-39.23	38.20	-57.09	-25.00	32.09	Vertical
4	12505.4500	31.34	-36.99	38.95	-61.96	-25.00	36.96	Vertical
5	15006.5400	26.57	-34.65	41.29	-62.06	-25.00	37.06	Vertical
6	17507.6300	27.67	-34.95	44.59	-57.95	-25.00	32.95	Vertical



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Test Band = LTE Band7_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5052.1800	41.26	-45.50	31.53	-67.97	-25.00	42.97	Horizontal
2	7578.2700	38.22	-42.98	36.63	-63.38	-25.00	38.38	Horizontal
3	10104.3600	35.78	-39.14	38.25	-60.36	-25.00	35.36	Horizontal
4	12630.4500	28.53	-37.33	38.99	-65.07	-25.00	40.07	Horizontal
5	15156.5400	25.38	-34.36	40.97	-63.27	-25.00	38.27	Horizontal
6	17682.6300	28.59	-33.89	45.37	-55.19	-25.00	30.19	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5052.1800	41.66	-45.50	31.53	-67.57	-25.00	42.57	Vertical
2	7578.2700	39.82	-42.98	36.63	-61.78	-25.00	36.78	Vertical
3	10104.3600	39.28	-39.14	38.25	-56.86	-25.00	31.86	Vertical
4	12630.4500	33.39	-37.33	38.99	-60.21	-25.00	35.21	Vertical
5	15156.5400	26.89	-34.36	40.97	-61.76	-25.00	36.76	Vertical
6	17682.6300	27.79	-33.89	45.37	-55.99	-25.00	30.99	Vertical



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Test Band = LTE Band7_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5102.1800	40.08	-45.37	31.65	-68.90	-25.00	43.90	Horizontal
2	7653.2700	38.81	-43.03	36.66	-62.82	-25.00	37.82	Horizontal
3	10204.3600	36.19	-39.48	38.30	-60.25	-25.00	35.25	Horizontal
4	12755.4500	30.67	-36.76	39.03	-62.33	-25.00	37.33	Horizontal
5	15306.5400	27.66	-34.35	40.66	-61.30	-25.00	36.30	Horizontal
6	17857.6300	29.91	-34.56	46.16	-53.75	-25.00	28.75	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5102.1800	40.84	-45.37	31.65	-68.14	-25.00	43.14	Vertical
2	7653.2700	40.75	-43.03	36.66	-60.88	-25.00	35.88	Vertical
3	10204.3600	41.28	-39.48	38.30	-55.16	-25.00	30.16	Vertical
4	12755.4500	38.66	-36.76	39.03	-54.34	-25.00	29.34	Vertical
5	15306.5400	34.62	-34.35	40.66	-54.34	-25.00	29.34	Vertical
6	17857.6300	29.98	-34.56	46.16	-53.68	-25.00	28.68	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
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-1.10	-0.000434	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-0.80	-0.000316	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-0.80	-0.000316	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-2.00	-0.000789	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-0.70	-0.000276	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-0.90	-0.000355	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-0.70	-0.000276	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-2.50	-0.000986	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-0.70	-0.000276	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-1.10	-0.000434	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-2.00	-0.000789	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	0.10	0.000039	PASS

---End of Attachment---



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