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Rev.: 01

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Appendix B.5

LTE Band 7



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t (86-512) 62992980 sgs.china@sgs.com

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	24.03	24.58	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	24.02	24.57	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.95	24.5	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.08	23.63	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.87	24.42	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.88	24.43	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.89	24.44	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.86	23.41	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.76	24.31	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.79	24.34	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.75	24.3	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.81	24.36	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.13	23.68	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.17	23.72	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.13	23.68	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.11	22.66	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.96	23.51	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.93	23.48	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.04	23.59	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.94	22.49	33	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.89	23.44	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.04	23.59	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.08	23.63	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.8	22.35	33	PASS
Band7	5MHz	64QAM	20775	1RB#0	22.06	22.61	33	PASS
Band7	5MHz	64QAM	20775	1RB#12	22.22	22.77	33	PASS
Band7	5MHz	64QAM	20775	1RB#24	22.07	22.62	33	PASS
Band7	5MHz	64QAM	20775	25RB#0	21.07	21.62	33	PASS



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Band7	5MHz	64QAM	21100	1RB#0	22	22.55	33	PASS
Band7	5MHz	64QAM	21100	1RB#12	22	22.55	33	PASS
Band7	5MHz	64QAM	21100	1RB#24	22.1	22.65	33	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.95	21.5	33	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.95	22.5	33	PASS
Band7	5MHz	64QAM	21425	1RB#12	22.07	22.62	33	PASS
Band7	5MHz	64QAM	21425	1RB#24	22.01	22.56	33	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.81	21.36	33	PASS
Band7	5MHz	256QAM	20775	1RB#0	20.12	20.67	33	PASS
Band7	5MHz	256QAM	20775	1RB#12	19.06	19.61	33	PASS
Band7	5MHz	256QAM	20775	1RB#24	19.06	19.61	33	PASS
Band7	5MHz	256QAM	20775	25RB#0	19.04	19.59	33	PASS
Band7	5MHz	256QAM	21100	1RB#0	18.92	19.47	33	PASS
Band7	5MHz	256QAM	21100	1RB#12	19.15	19.7	33	PASS
Band7	5MHz	256QAM	21100	1RB#24	18.86	19.41	33	PASS
Band7	5MHz	256QAM	21100	25RB#0	18.88	19.43	33	PASS
Band7	5MHz	256QAM	21425	1RB#0	18.87	19.42	33	PASS
Band7	5MHz	256QAM	21425	1RB#12	18.95	19.5	33	PASS
Band7	5MHz	256QAM	21425	1RB#24	18.92	19.47	33	PASS
Band7	5MHz	256QAM	21425	25RB#0	18.81	19.36	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	24.04	24.59	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	24.09	24.64	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.98	24.53	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	23.15	23.7	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.69	24.24	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.97	24.52	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.99	24.54	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.84	23.39	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.23	23.78	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.85	24.4	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.78	24.33	33	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.89	23.44	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.3	23.85	33	PASS



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Band7	10MHz	16QAM	20800	1RB#24	23.31	23.86	33	PASS
Band7	10MHz	16QAM	20800	1RB#49	23.1	23.65	33	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.14	22.69	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.97	23.52	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.12	23.67	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.03	23.58	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.87	22.42	33	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.06	23.61	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.04	23.59	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.82	23.37	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.9	22.45	33	PASS
Band7	10MHz	64QAM	20800	1RB#0	22.17	22.72	33	PASS
Band7	10MHz	64QAM	20800	1RB#24	22.28	22.83	33	PASS
Band7	10MHz	64QAM	20800	1RB#49	22.14	22.69	33	PASS
Band7	10MHz	64QAM	20800	50RB#0	21.08	21.63	33	PASS
Band7	10MHz	64QAM	21100	1RB#0	22.32	22.87	33	PASS
Band7	10MHz	64QAM	21100	1RB#24	22.19	22.74	33	PASS
Band7	10MHz	64QAM	21100	1RB#49	22.16	22.71	33	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.91	21.46	33	PASS
Band7	10MHz	64QAM	21400	1RB#0	22.03	22.58	33	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.89	22.44	33	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.84	22.39	33	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.9	21.45	33	PASS
Band7	10MHz	256QAM	20800	1RB#0	19.2	19.75	33	PASS
Band7	10MHz	256QAM	20800	1RB#24	19.17	19.72	33	PASS
Band7	10MHz	256QAM	20800	1RB#49	19.06	19.61	33	PASS
Band7	10MHz	256QAM	20800	50RB#0	19.07	19.62	33	PASS
Band7	10MHz	256QAM	21100	1RB#0	18.89	19.44	33	PASS
Band7	10MHz	256QAM	21100	1RB#24	19.01	19.56	33	PASS
Band7	10MHz	256QAM	21100	1RB#49	18.97	19.52	33	PASS
Band7	10MHz	256QAM	21100	50RB#0	18.83	19.38	33	PASS
Band7	10MHz	256QAM	21400	1RB#0	18.97	19.52	33	PASS
Band7	10MHz	256QAM	21400	1RB#24	18.86	19.41	33	PASS



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Band7	10MHz	256QAM	21400	1RB#49	18.8	19.35	33	PASS
Band7	10MHz	256QAM	21400	50RB#0	18.91	19.46	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.88	24.43	33	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.93	24.48	33	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.78	24.33	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.92	23.47	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.89	24.44	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.78	24.33	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	24.04	24.59	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.82	23.37	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.71	24.26	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.61	24.16	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.61	24.16	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.78	23.33	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.95	23.5	33	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.89	23.44	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.99	23.54	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.96	22.51	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.91	23.46	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.01	23.56	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.88	23.43	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.76	22.31	33	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.76	23.31	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.74	23.29	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.66	23.21	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.83	22.38	33	PASS
Band7	15MHz	64QAM	20825	1RB#0	22.02	22.57	33	PASS
Band7	15MHz	64QAM	20825	1RB#38	22.01	22.56	33	PASS
Band7	15MHz	64QAM	20825	1RB#74	22.02	22.57	33	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.95	21.5	33	PASS
Band7	15MHz	64QAM	21100	1RB#0	22.17	22.72	33	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.99	22.54	33	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.98	22.53	33	PASS



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Band7	15MHz	64QAM	21100	75RB#0	20.7	21.25	33	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.86	22.41	33	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.89	22.44	33	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.76	22.31	33	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.79	21.34	33	PASS
Band7	15MHz	256QAM	20825	1RB#0	18.98	19.53	33	PASS
Band7	15MHz	256QAM	20825	1RB#38	18.91	19.46	33	PASS
Band7	15MHz	256QAM	20825	1RB#74	19.1	19.65	33	PASS
Band7	15MHz	256QAM	20825	75RB#0	18.96	19.51	33	PASS
Band7	15MHz	256QAM	21100	1RB#0	18.64	19.19	33	PASS
Band7	15MHz	256QAM	21100	1RB#38	18.88	19.43	33	PASS
Band7	15MHz	256QAM	21100	1RB#74	18.95	19.5	33	PASS
Band7	15MHz	256QAM	21100	75RB#0	18.81	19.36	33	PASS
Band7	15MHz	256QAM	21375	1RB#0	18.78	19.33	33	PASS
Band7	15MHz	256QAM	21375	1RB#38	18.76	19.31	33	PASS
Band7	15MHz	256QAM	21375	1RB#74	18.77	19.32	33	PASS
Band7	15MHz	256QAM	21375	75RB#0	18.77	19.32	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.82	24.37	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.71	24.26	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.72	24.27	33	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.97	23.52	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.69	24.24	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.86	24.41	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.99	24.54	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.79	23.34	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.67	24.22	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.76	24.31	33	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.85	24.4	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.75	23.3	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.95	23.5	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.97	23.52	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.76	23.31	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.84	22.39	33	PASS



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Band7	20MHz	16QAM	21100	1RB#0	22.81	23.36	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.8	23.35	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.91	23.46	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.81	22.36	33	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.82	23.37	33	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.04	23.59	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.59	23.14	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.75	22.3	33	PASS
Band7	20MHz	64QAM	20850	1RB#0	22.1	22.65	33	PASS
Band7	20MHz	64QAM	20850	1RB#49	22.01	22.56	33	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.83	22.38	33	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.86	21.41	33	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.77	22.32	33	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.87	22.42	33	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.92	22.47	33	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.74	21.29	33	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.97	22.52	33	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.91	22.46	33	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.81	22.36	33	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.73	21.28	33	PASS
Band7	20MHz	256QAM	20850	1RB#0	19.04	19.59	33	PASS
Band7	20MHz	256QAM	20850	1RB#49	18.93	19.48	33	PASS
Band7	20MHz	256QAM	20850	1RB#99	18.94	19.49	33	PASS
Band7	20MHz	256QAM	20850	100RB#0	18.96	19.51	33	PASS
Band7	20MHz	256QAM	21100	1RB#0	18.75	19.3	33	PASS
Band7	20MHz	256QAM	21100	1RB#49	18.96	19.51	33	PASS
Band7	20MHz	256QAM	21100	1RB#99	18.94	19.49	33	PASS
Band7	20MHz	256QAM	21100	100RB#0	18.81	19.36	33	PASS
Band7	20MHz	256QAM	21350	1RB#0	18.71	19.26	33	PASS
Band7	20MHz	256QAM	21350	1RB#49	18.84	19.39	33	PASS
Band7	20MHz	256QAM	21350	1RB#99	18.7	19.25	33	PASS
Band7	20MHz	256QAM	21350	100RB#0	18.74	19.29	33	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	4.90	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.66	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.92	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.64	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.52	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.38	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.18	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.40	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.92	13	PASS
Band7	20MHz	256QAM	20850	100RB#0	6.38	13	PASS
Band7	20MHz	256QAM	21100	100RB#0	6.56	13	PASS
Band7	20MHz	256QAM	21350	100RB#0	6.26	13	PASS



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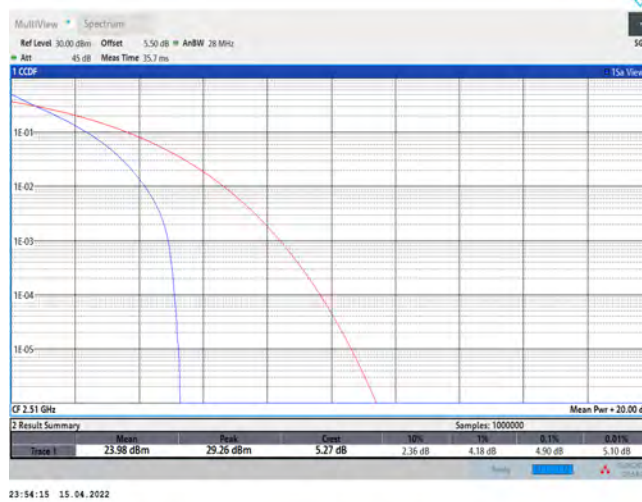
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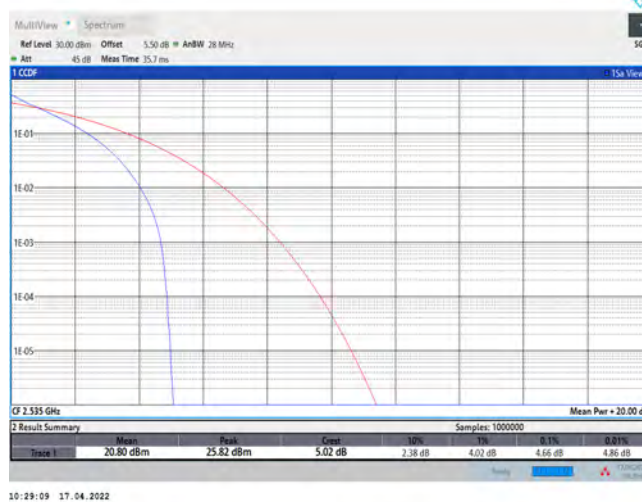
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Test Graphs

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



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

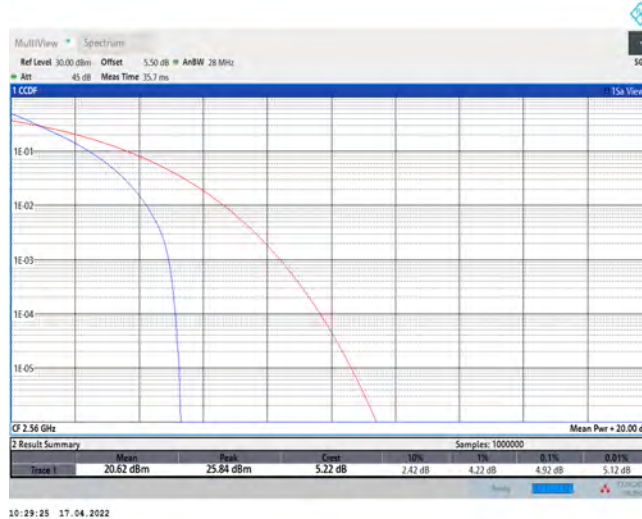


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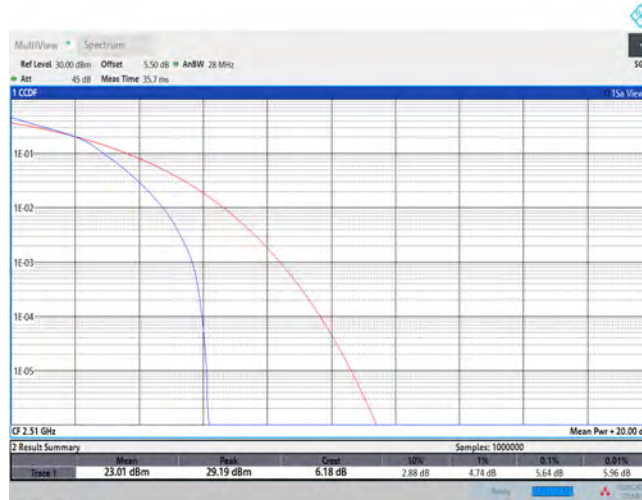
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Band7-20MHz-QPSK-21350-100RB#0



10:29:25 17.04.2022

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



23:54:32 15.04.2022

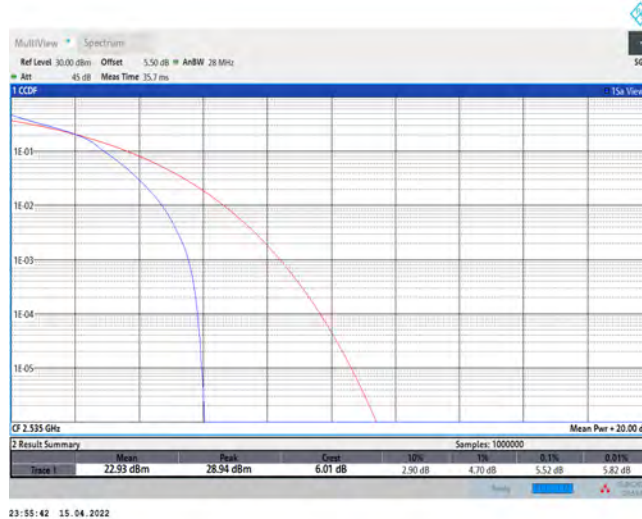


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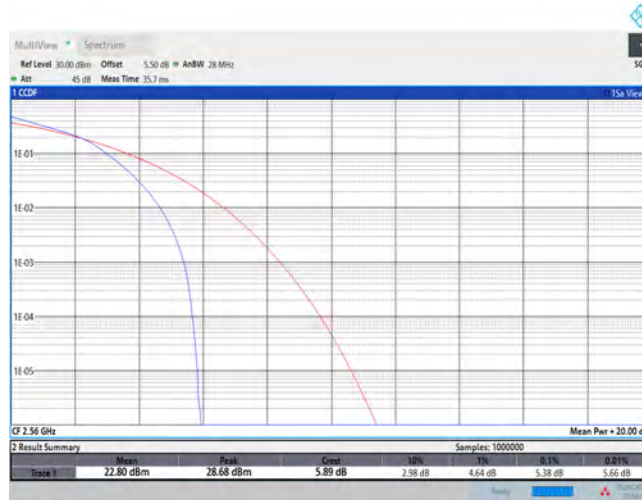
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Band7-20MHz-16QAM-21100-100RB#0



23:55:42 15. 04. 2022

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



23:56:52 15. 04. 2022

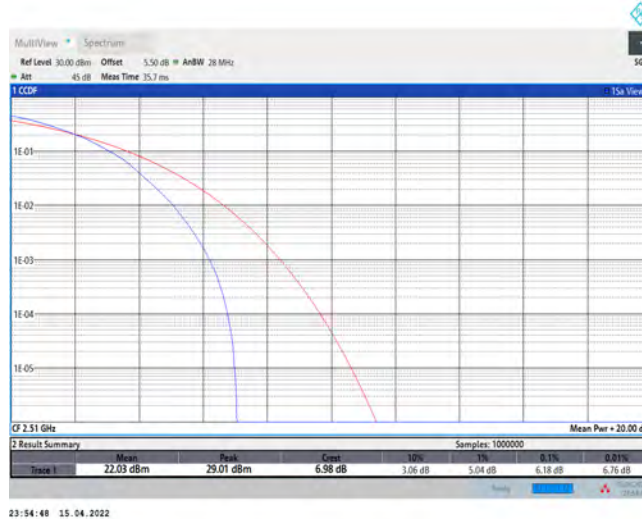


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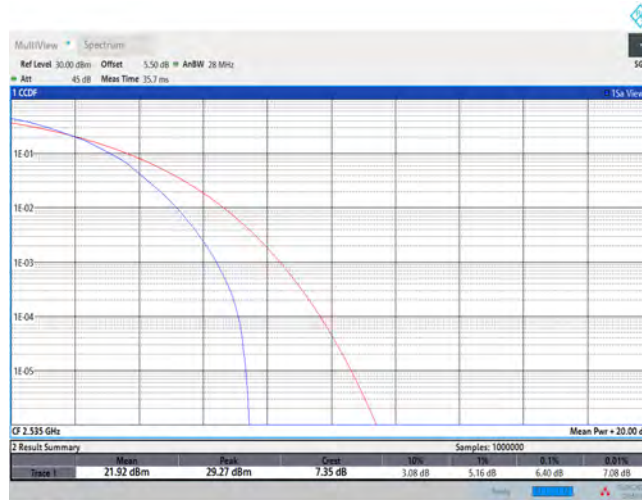
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Band7-20MHz-64QAM-20850-100RB#0



23:54:48 15. 04. 2022

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



23:55:58 15. 04. 2022

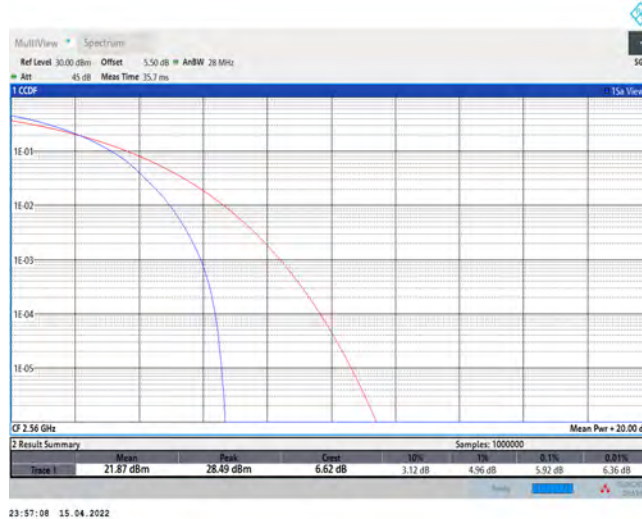


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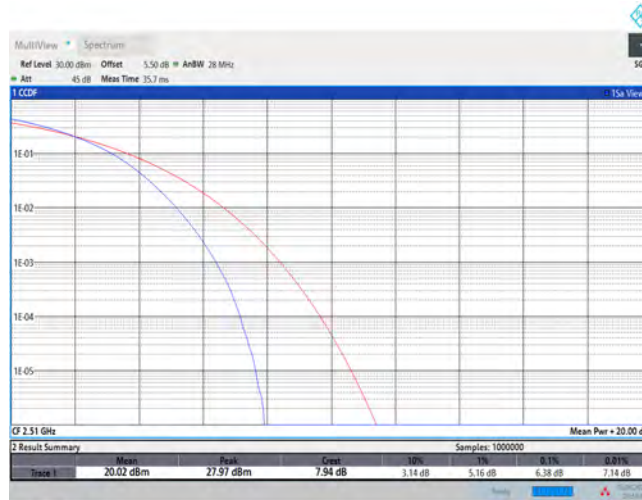
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Band7-20MHz-64QAM-21350-100RB#0



23:57:08 15.04.2022

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



23:58:05 15.04.2022

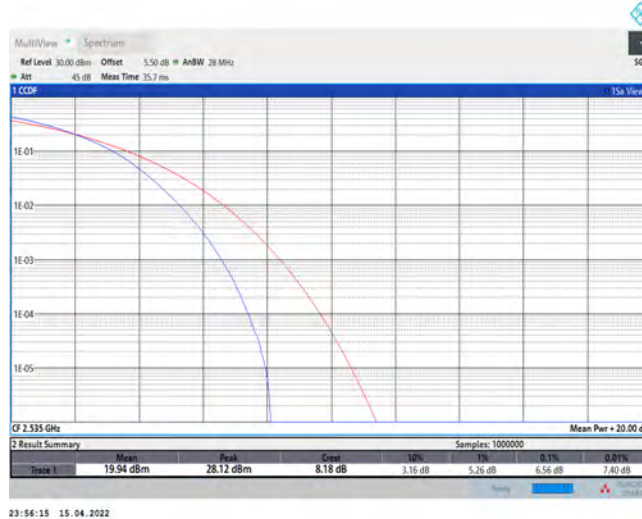


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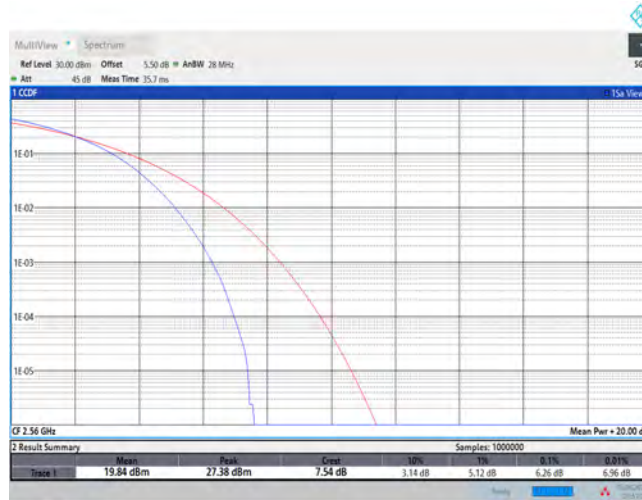
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Band7-20MHz-256QAM-21100-100RB#0



23:56:15 15. 04. 2022

Band7-20MHz-256QAM-21350-100RB#0



23:57:25 15. 04. 2022



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band7	20MHz	QPSK	21100	100RB#0	PASS	PASS
Band7	20MHz	16QAM	21100	100RB#0	PASS	PASS
Band7	20MHz	64QAM	21100	100RB#0	PASS	PASS
Band7	20MHz	256QAM	21100	100RB#0	PASS	PASS



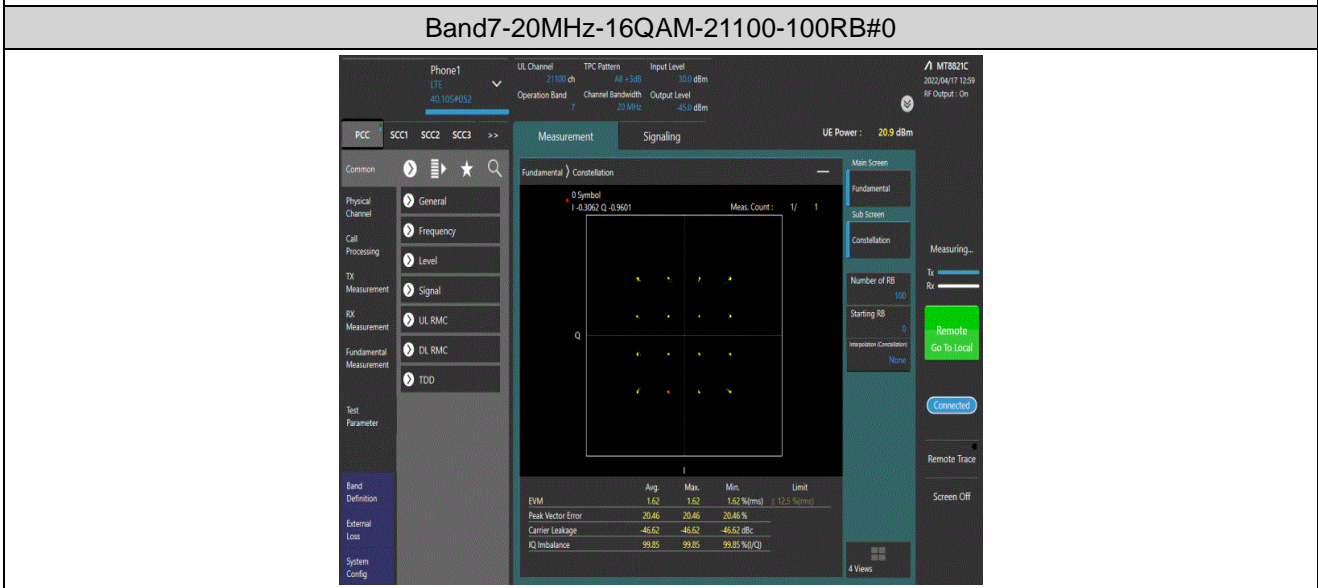
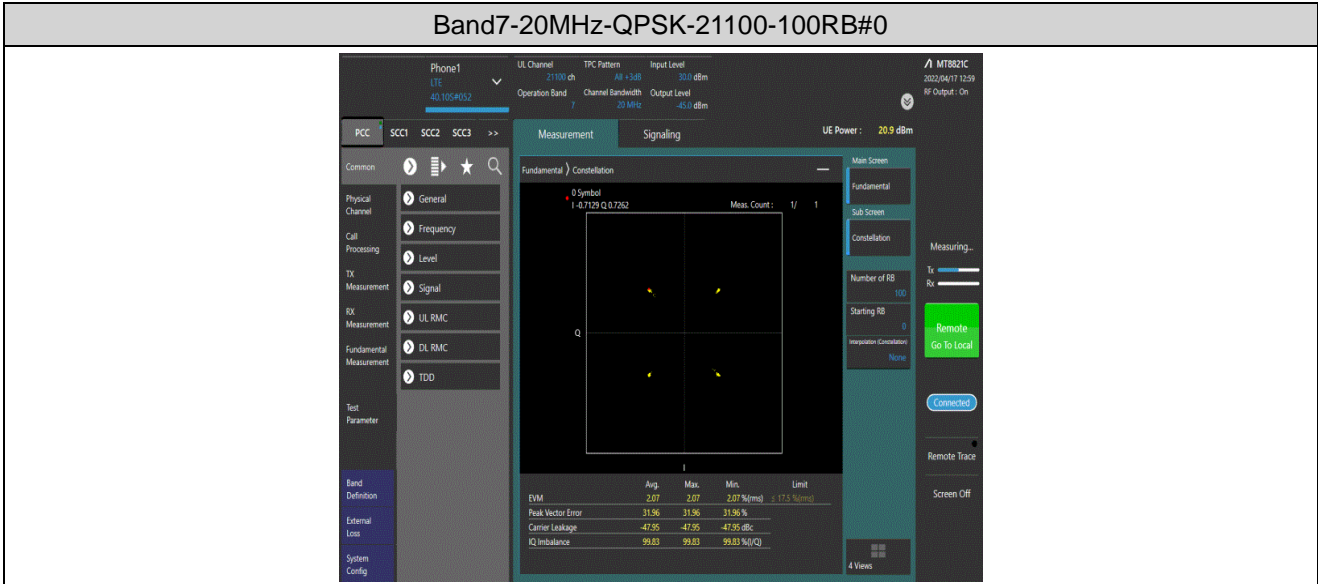
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Test Graphs



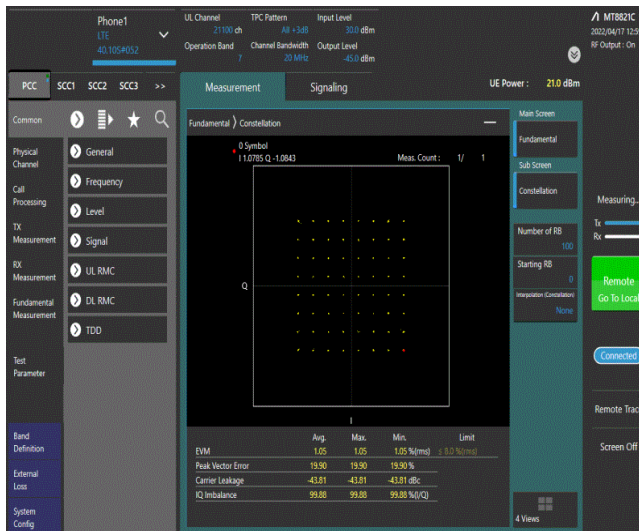
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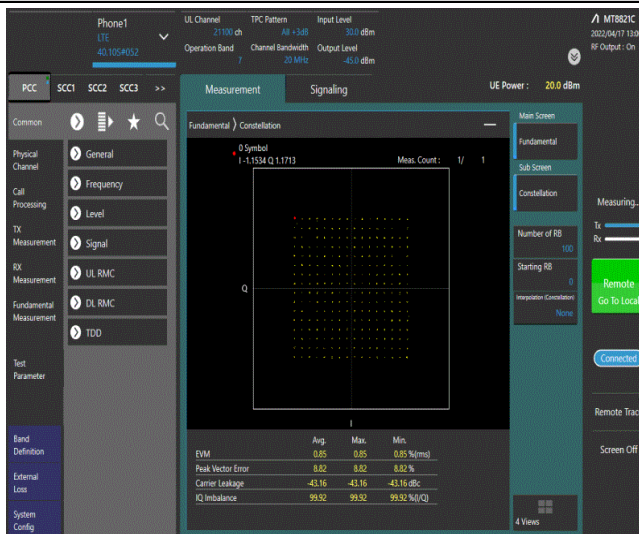
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Band7-20MHz-64QAM-21100-100RB#0



Band7-20MHz-256QAM-21100-100RB#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	20775	25RB#0	4.481	5.07	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.483	5.05	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	5.06	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.481	5.09	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.481	5.12	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.481	5.13	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.473	5.06	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.481	5.04	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.477	5.10	PASS
Band7	5MHz	256QAM	20775	25RB#0	4.474	4.98	PASS
Band7	5MHz	256QAM	21100	25RB#0	4.480	5.01	PASS
Band7	5MHz	256QAM	21425	25RB#0	4.475	5.09	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.952	9.84	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.950	9.90	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.946	9.86	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.951	9.84	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.942	10.02	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.937	9.80	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.938	9.84	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.936	9.92	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.931	9.90	PASS
Band7	10MHz	256QAM	20800	50RB#0	8.954	9.82	PASS
Band7	10MHz	256QAM	21100	50RB#0	8.948	9.88	PASS
Band7	10MHz	256QAM	21400	50RB#0	8.944	9.84	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.476	15.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.479	15.09	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.455	14.97	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.471	14.94	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.486	14.94	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.445	14.97	PASS



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Report No.: SEWM2304000122RG01

Rev.: 01

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Band7	15MHz	64QAM	20825	75RB#0	13.481	15.03	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.467	15.06	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.459	14.88	PASS
Band7	15MHz	256QAM	20825	75RB#0	13.459	14.79	PASS
Band7	15MHz	256QAM	21100	75RB#0	13.487	15.03	PASS
Band7	15MHz	256QAM	21375	75RB#0	13.463	14.94	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.901	19.72	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.908	19.96	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.893	19.56	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.904	19.64	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.940	20.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.890	19.52	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.901	19.76	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.920	19.60	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.868	19.76	PASS
Band7	20MHz	256QAM	20850	100RB#0	17.883	19.68	PASS
Band7	20MHz	256QAM	21100	100RB#0	17.909	19.76	PASS
Band7	20MHz	256QAM	21350	100RB#0	17.882	19.60	PASS



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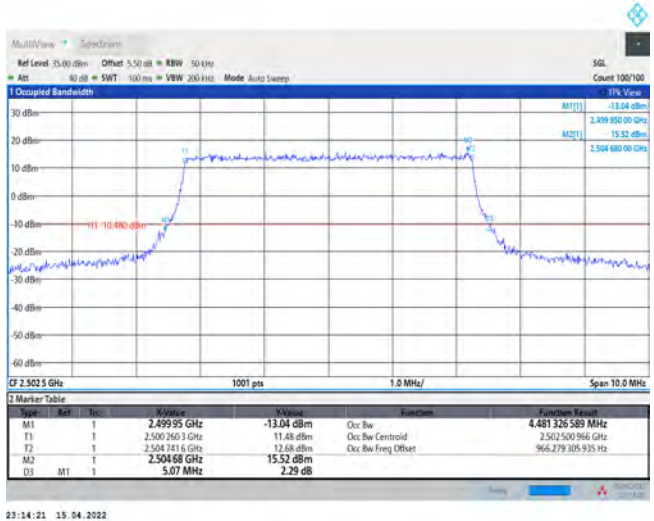
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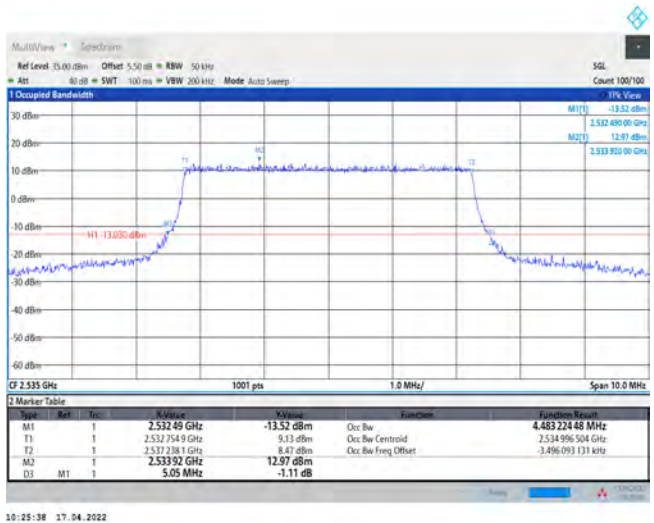
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Test Graphs

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



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

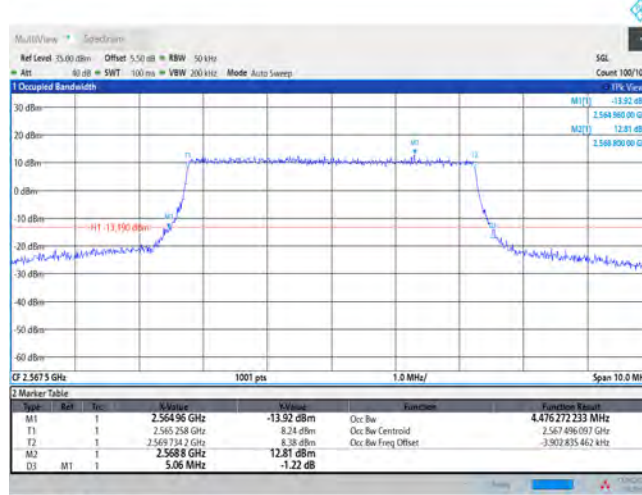


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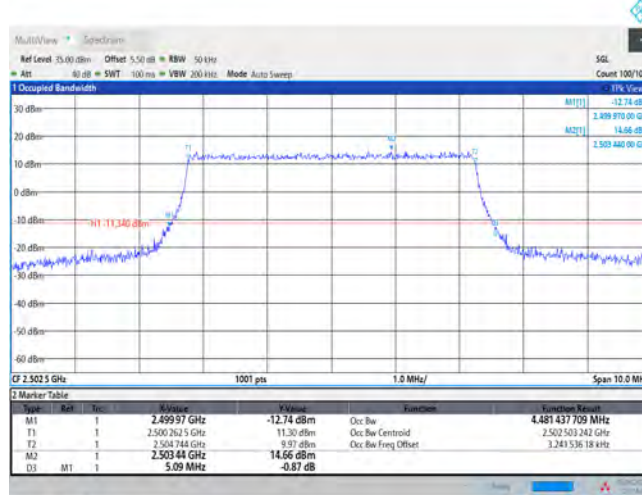
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Band7-5MHz-QPSK-21425-25RB#0



10:26:04 17.04.2022

Band7-5MHz-16QAM-20775-25RB#0



23:14:46 15.04.2022

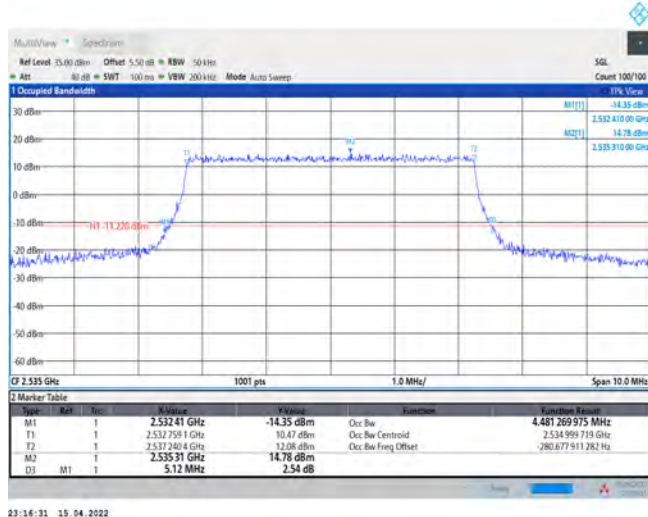


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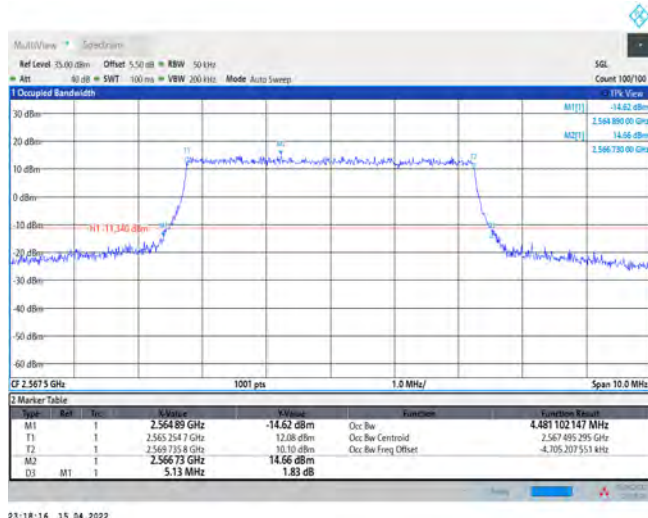
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Band7-5MHz-16QAM-21100-25RB#0

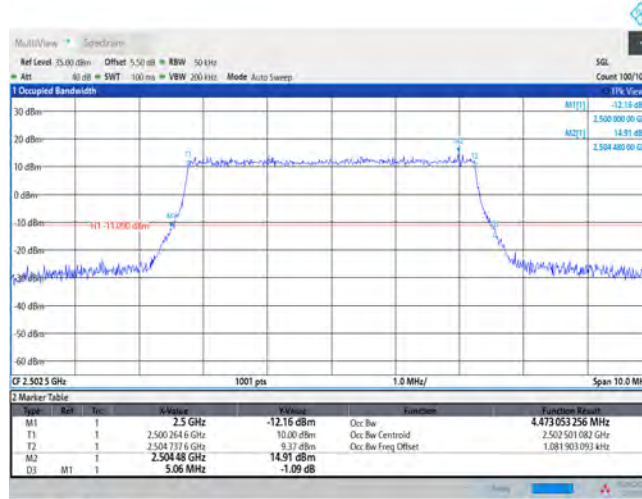


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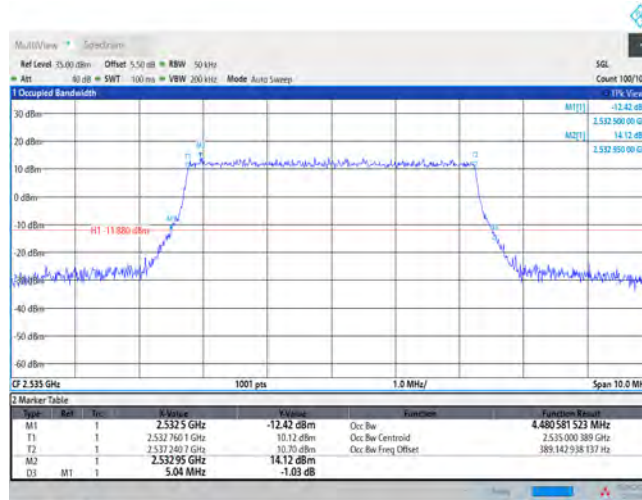
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Band7-5MHz-64QAM-20775-25RB#0



23:15:11 15. 04. 2022

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



23:16:56 15. 04. 2022

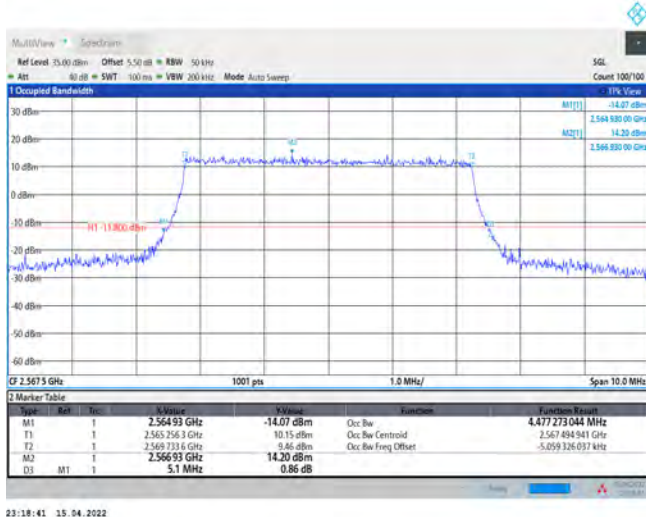


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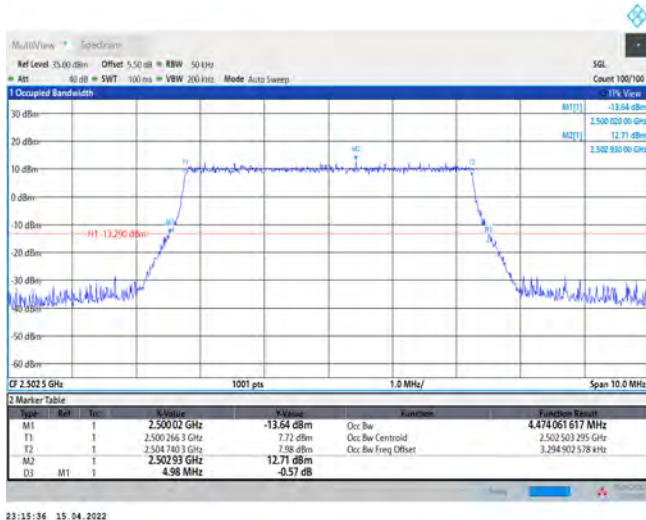
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Band7-5MHz-64QAM-21425-25RB#0



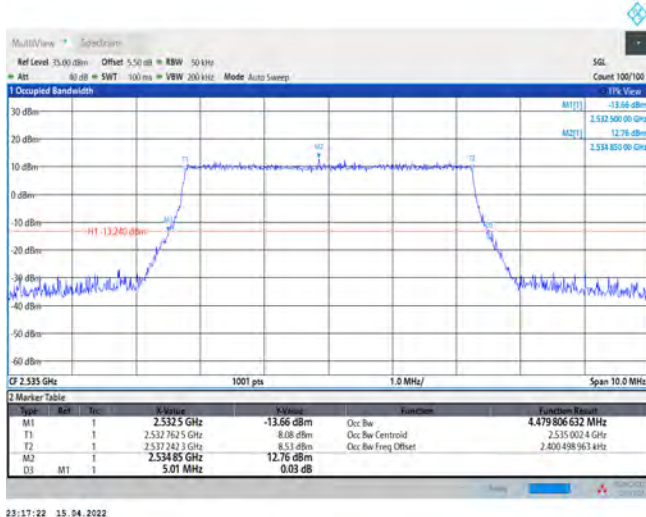
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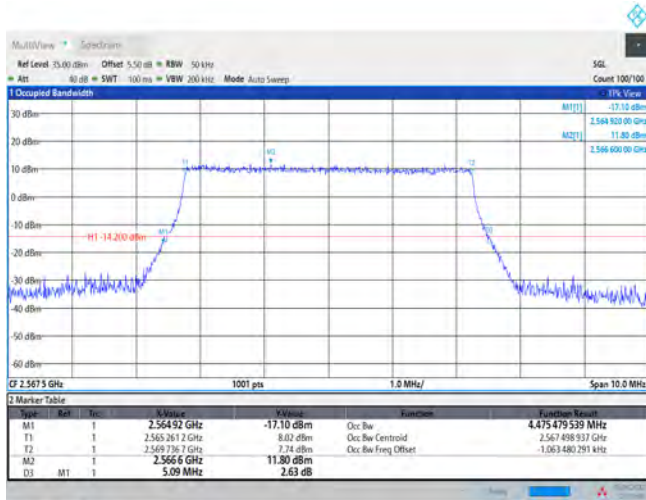
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Band7-5MHz-256QAM-21100-25RB#0



23:17:22 15. 04. 2022

Band7-5MHz-256QAM-21425-25RB#0

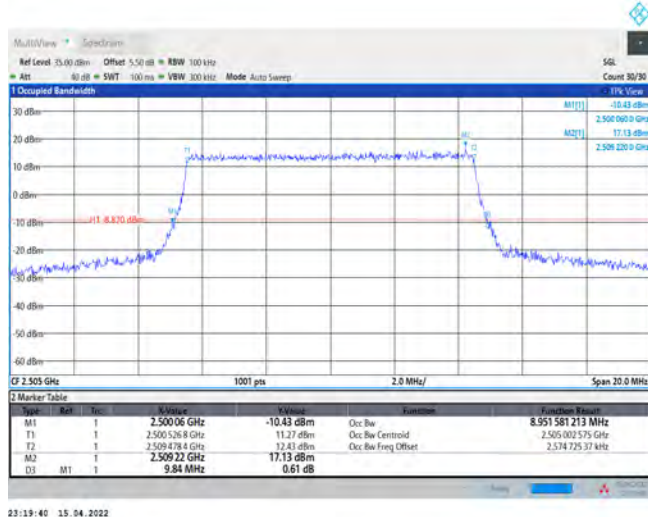


23:19:07 15. 04. 2022



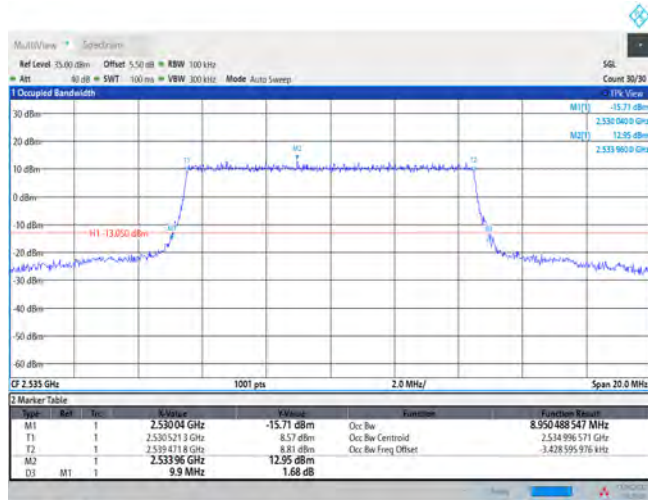
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Band7-10MHz-QPSK-20800-50RB#0



23:19:40 15.04.2022

Band7-10MHz-QPSK-21100-50RB#0

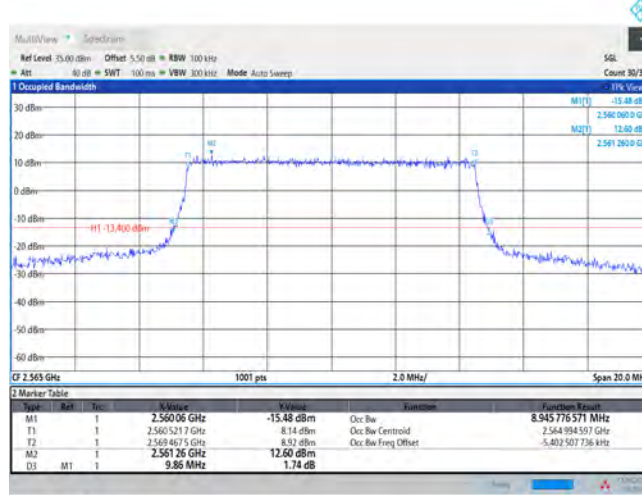


10:26:37 17.04.2022



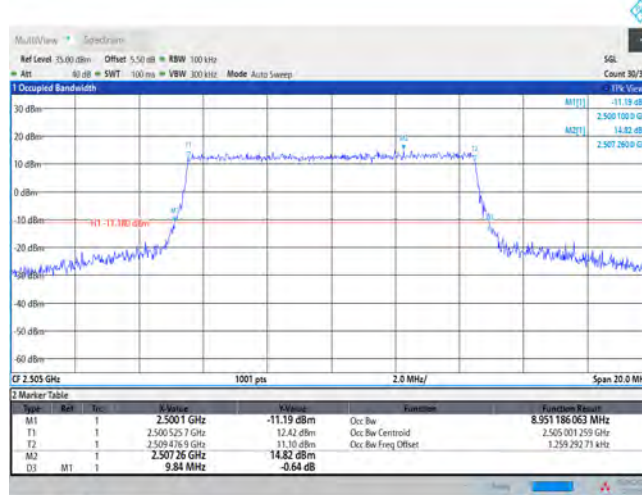
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Band7-10MHz-QPSK-21400-50RB#0



10:26:56 17. 04. 2022

Band7-10MHz-16QAM-20800-50RB#0



23:19:58 15. 04. 2022

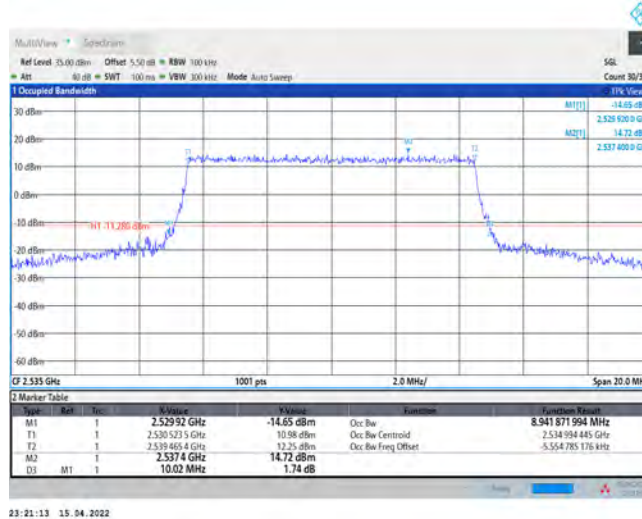


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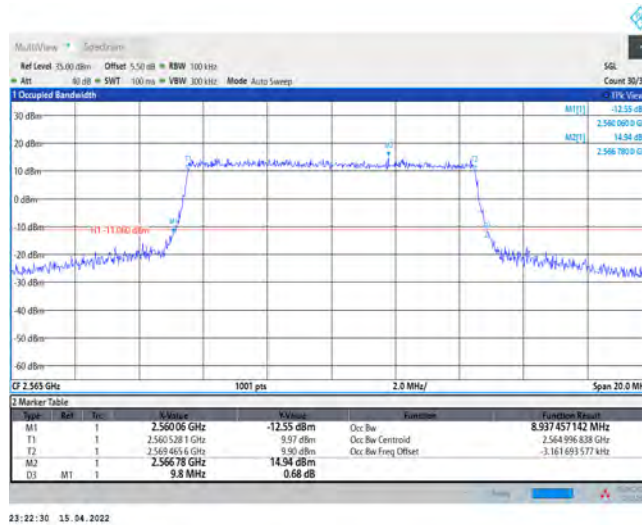
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Band7-10MHz-16QAM-21100-50RB#0



Band7-10MHz-16QAM-21400-50RB#0



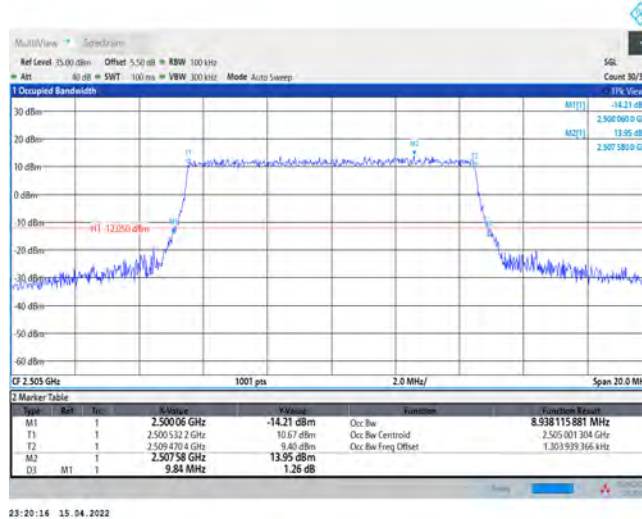
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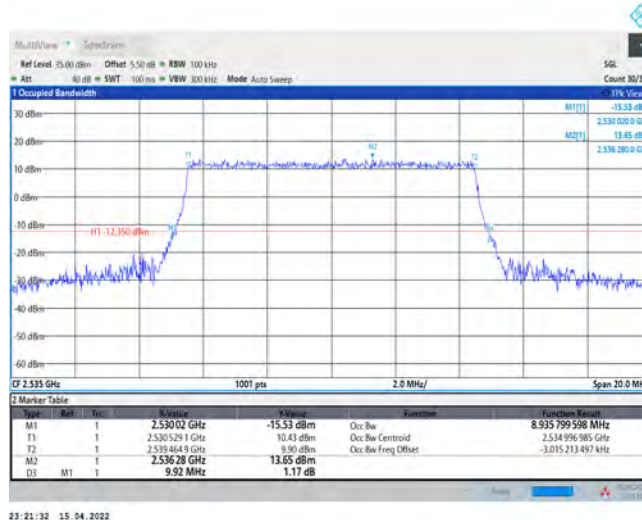
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Band7-10MHz-64QAM-20800-50RB#0



23:20:16 15. 04. 2022

Band7-10MHz-64QAM-21100-50RB#0



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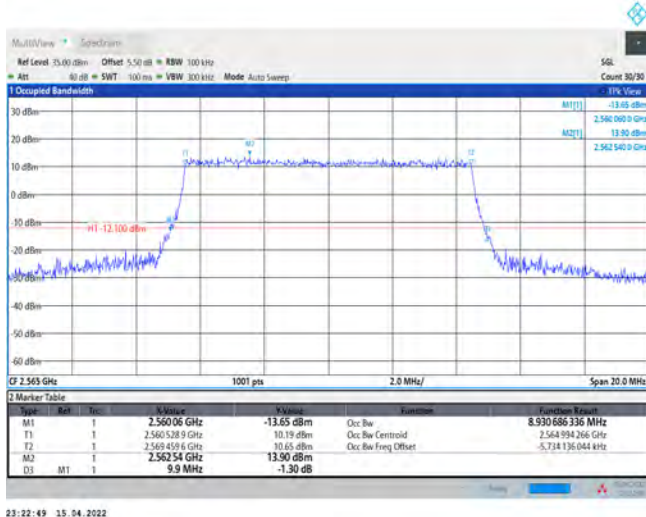


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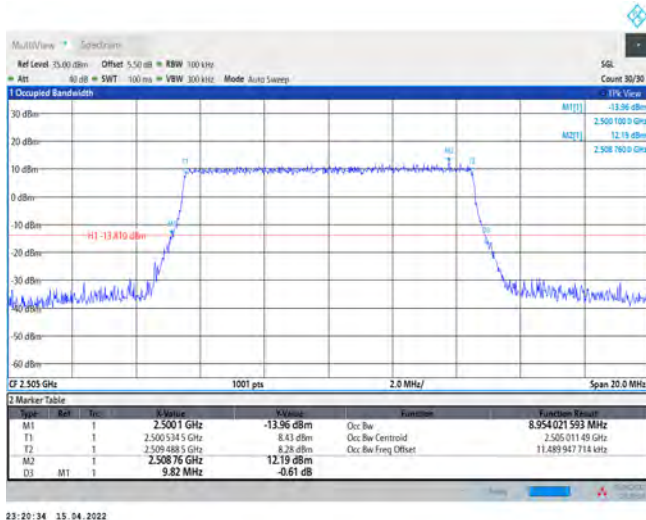
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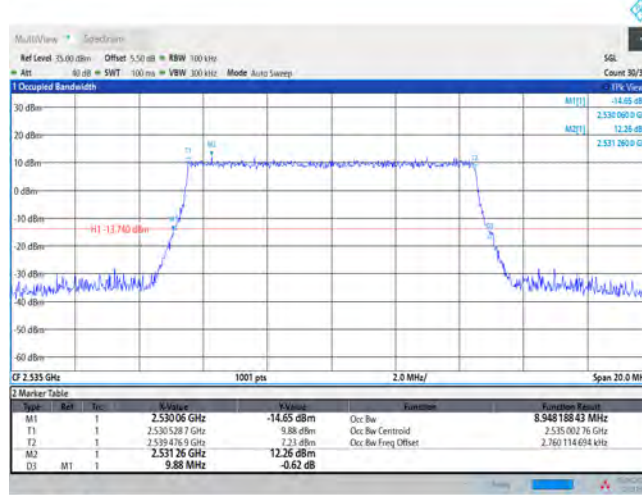


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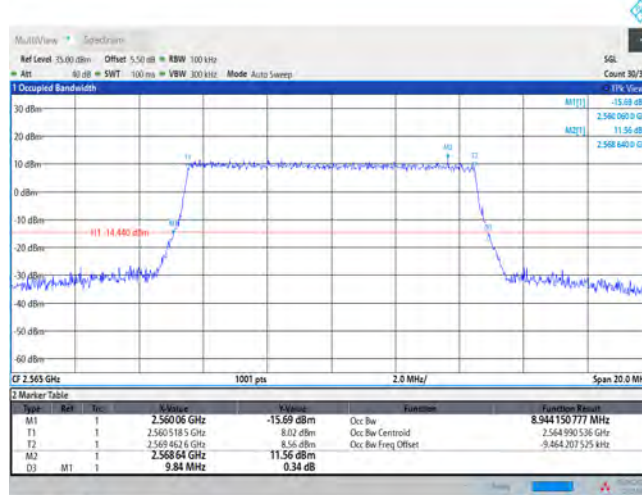
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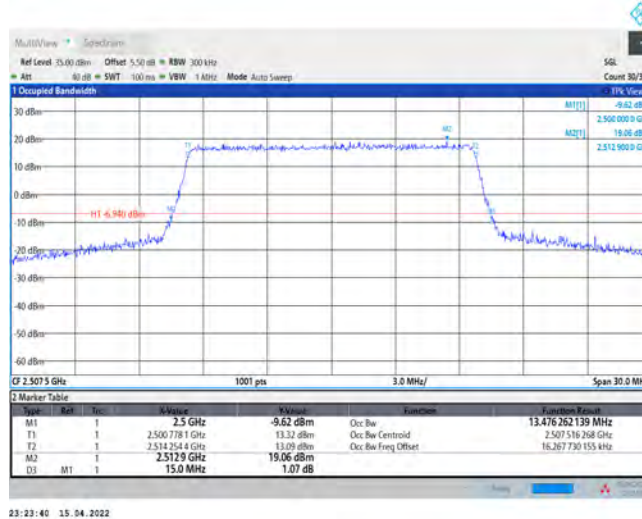
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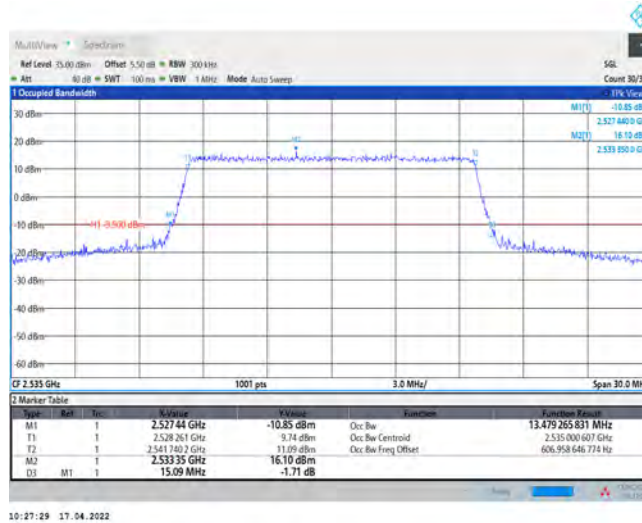
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Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21100-75RB#0

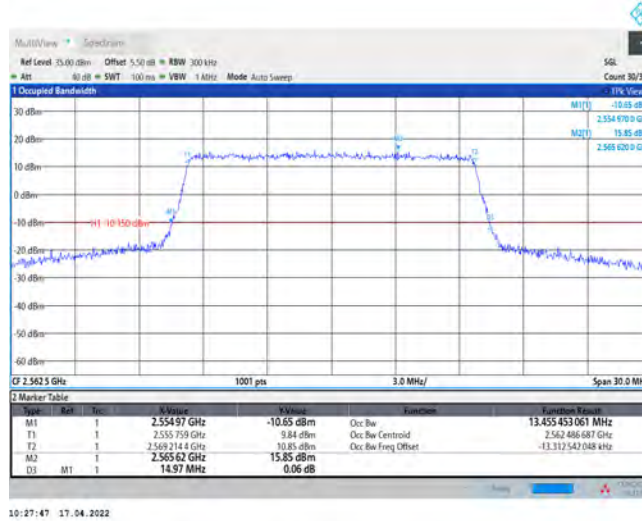


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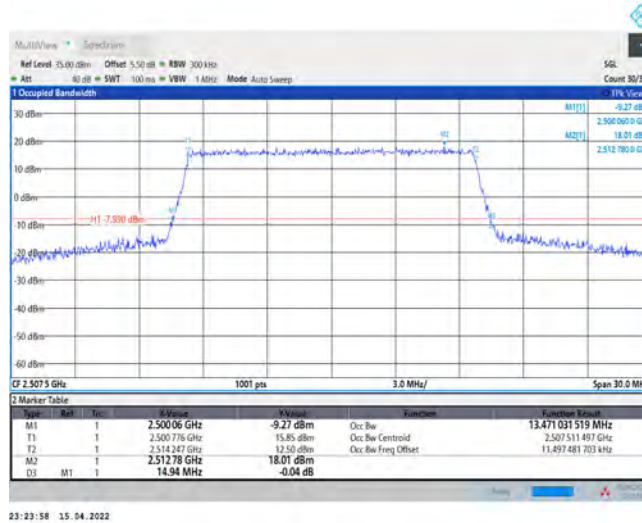
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Band7-15MHz-16QAM-20825-75RB#0

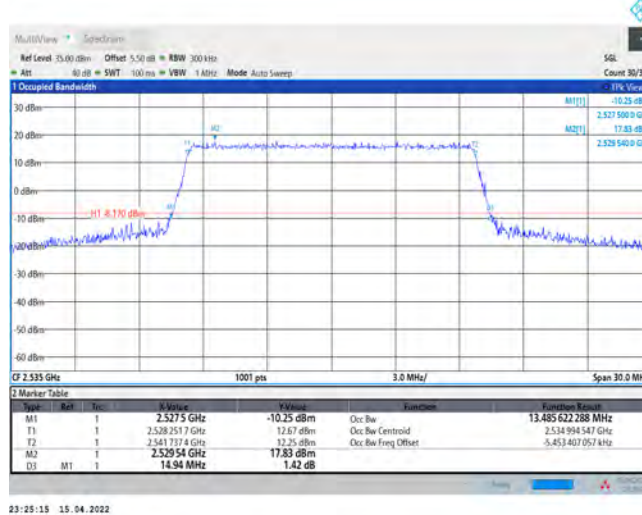


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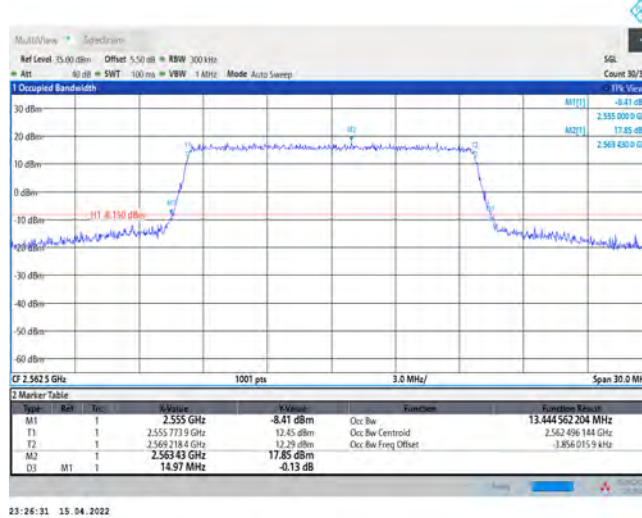
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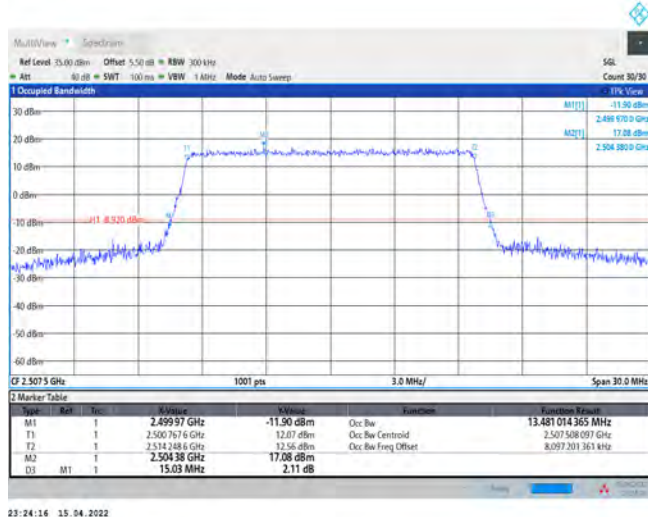


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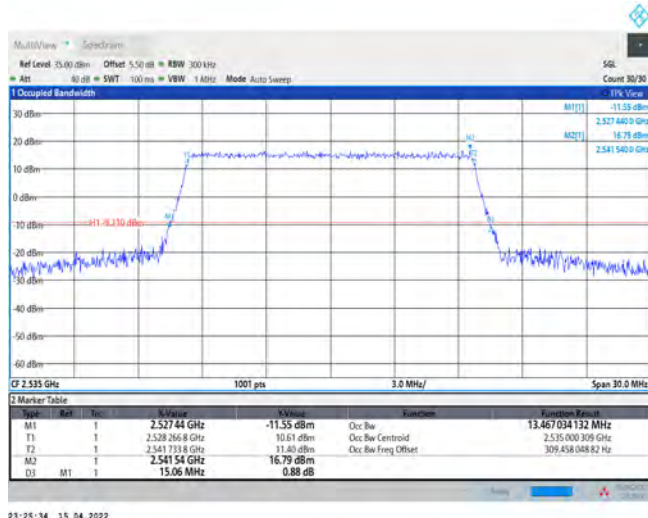
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Band7-15MHz-64QAM-20825-75RB#0

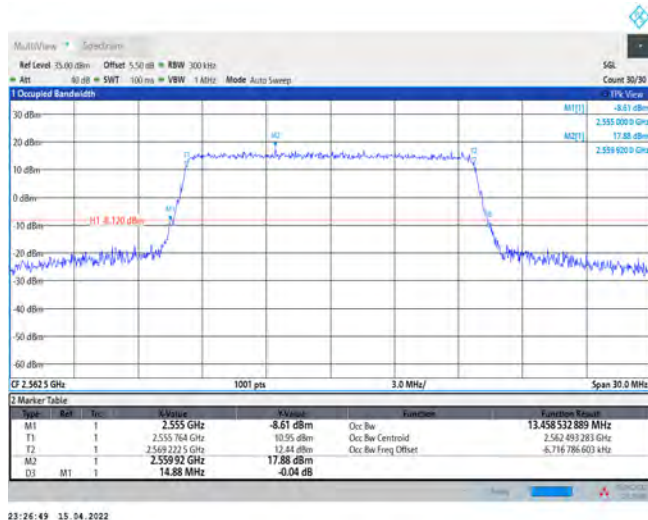


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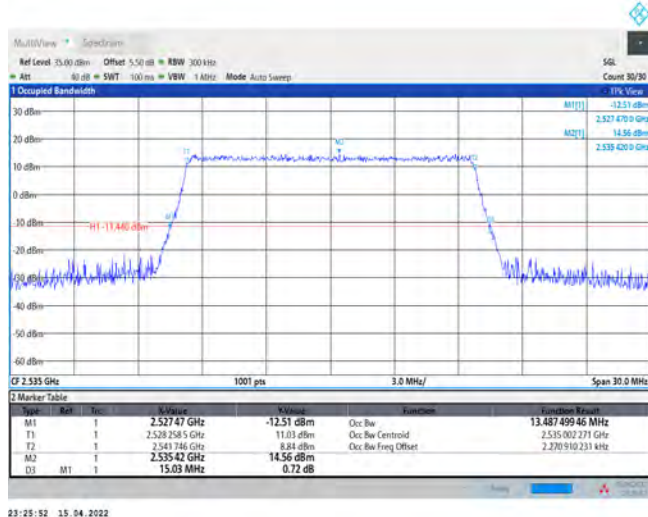


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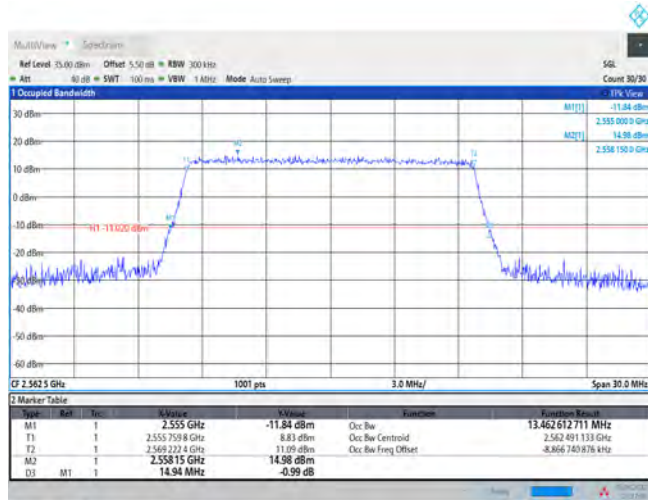
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Band7-15MHz-256QAM-21100-75RB#0



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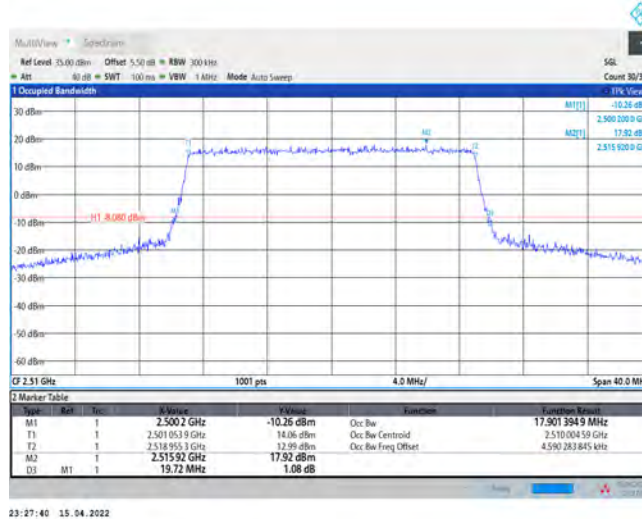


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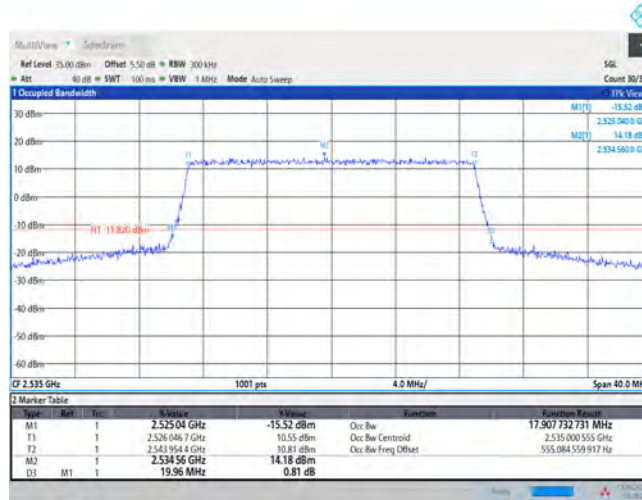
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Band7-20MHz-QPSK-20850-100RB#0



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



10:28:21 17. 04. 2022

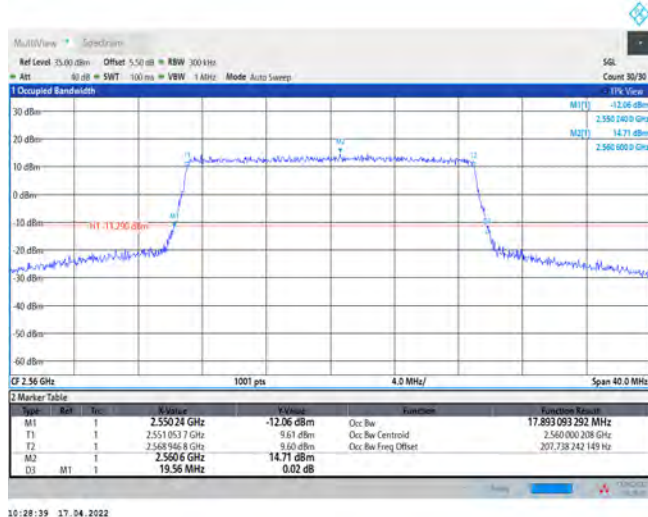


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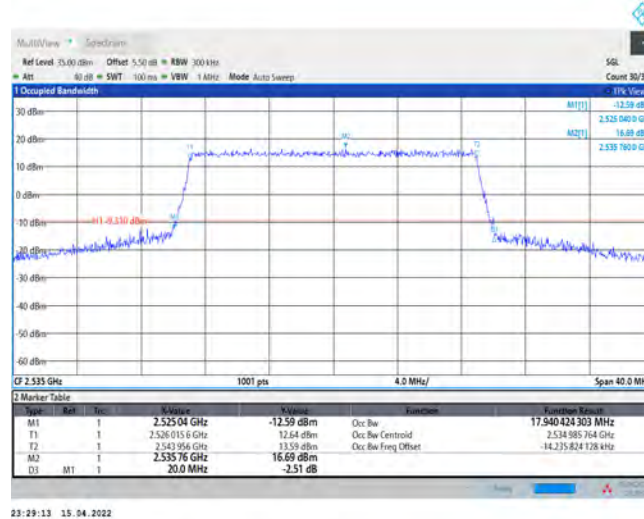


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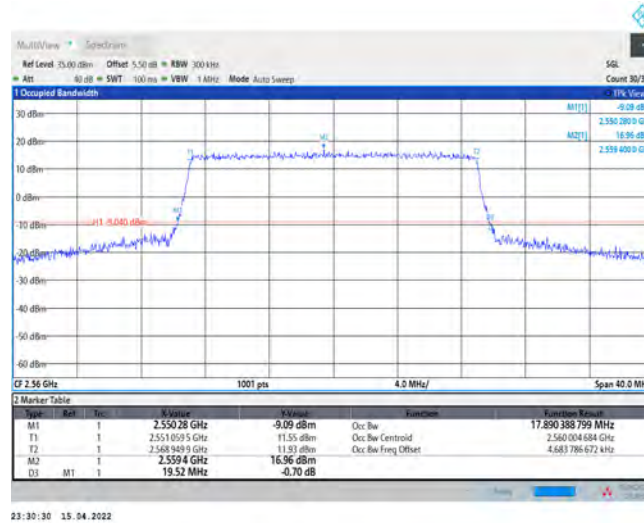


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Band7-20MHz-16QAM-21350-100RB#0

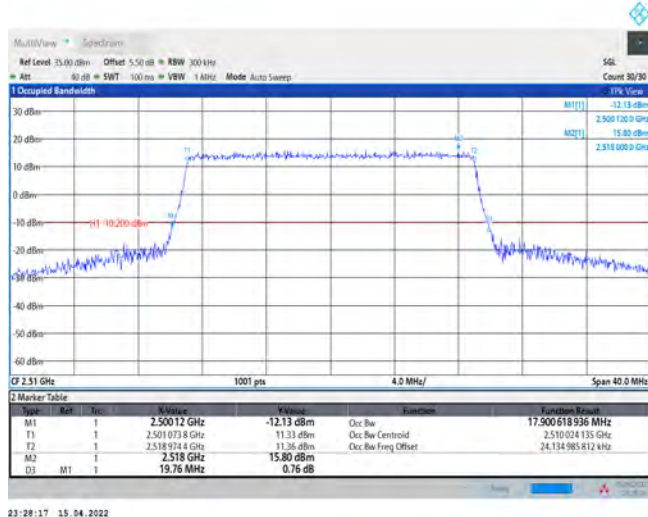


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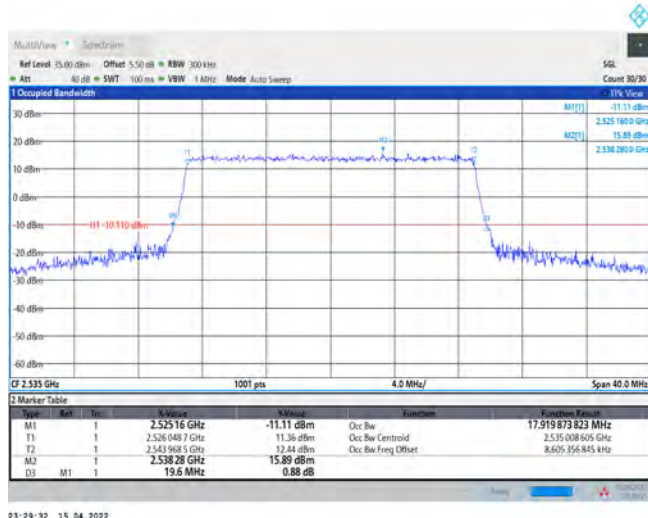
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.Band7-20MHz-64QAM-20850-100RB#0

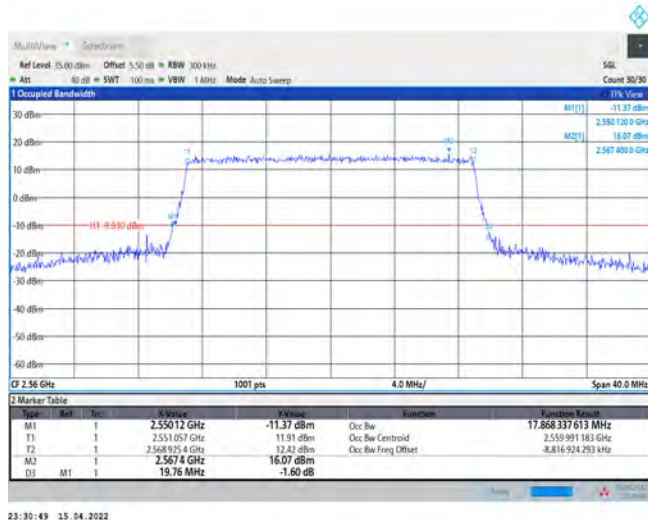


Band7-20MHz-64QAM-21100-100RB#0

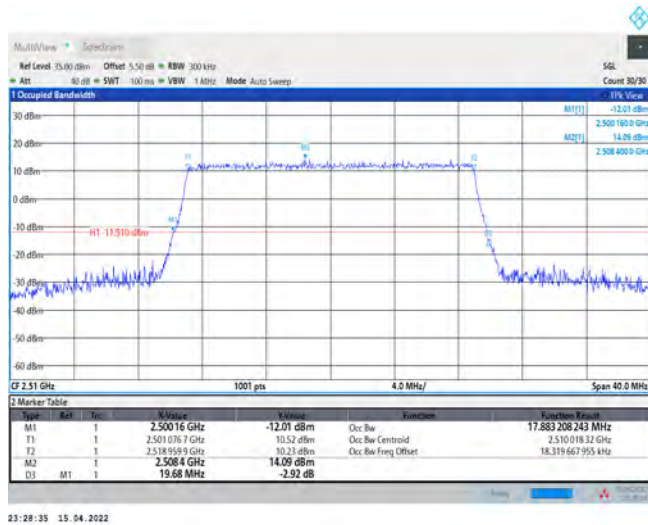


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Band7-20MHz-64QAM-21350-100RB#0



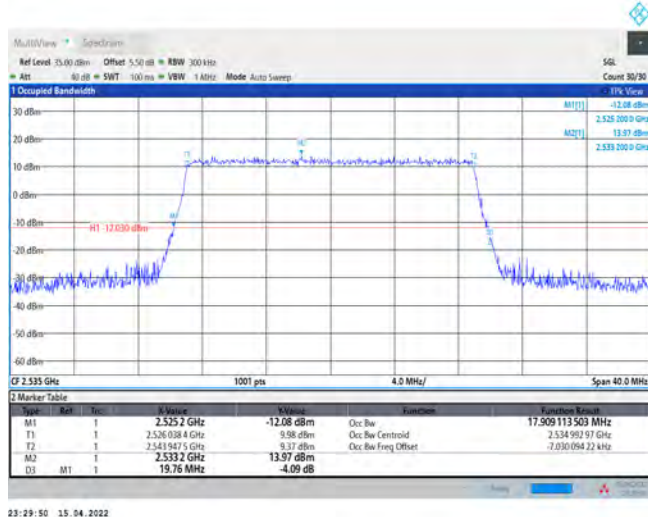
Band7-20MHz-256QAM-20850-100RB#0



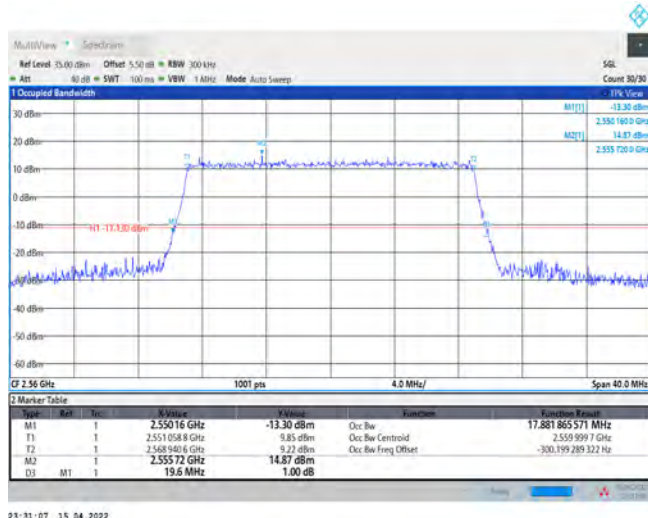
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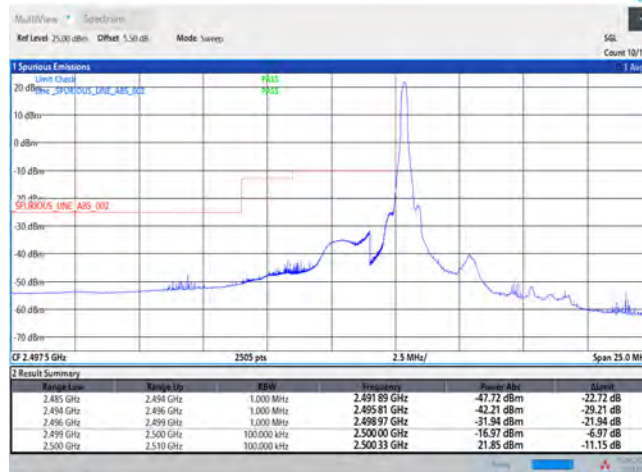


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Band Edge

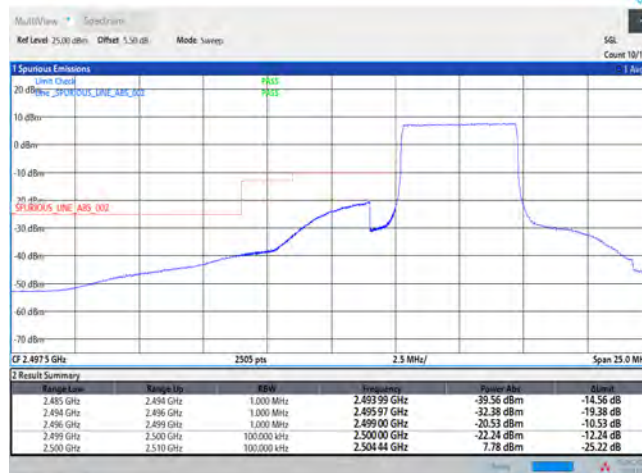
Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



23:32:01 15. 04. 2022

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



23:32:37 15. 04. 2022



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Band7-5MHz-QPSK-21425-1RB#24



23:33:31 15. 04. 2022

Band7-5MHz-QPSK-21425-25RB#0



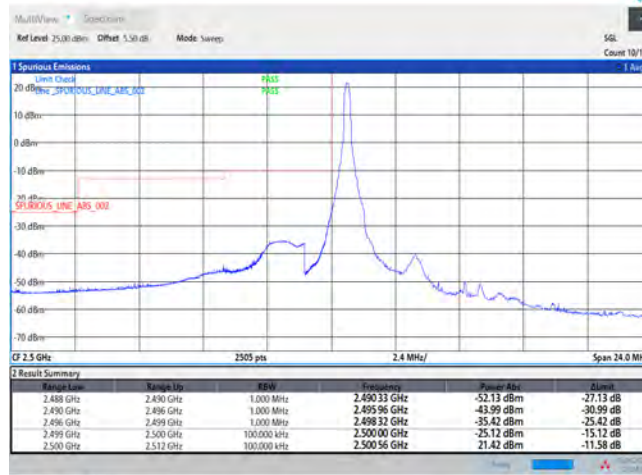
23:34:06 15. 04. 2022



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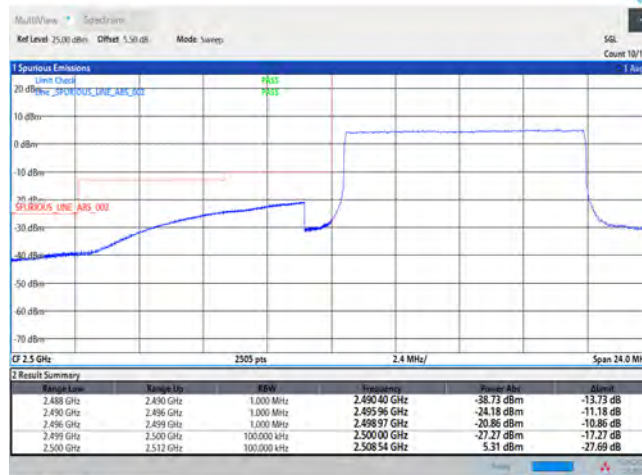
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Band7-10MHz-QPSK-20800-1RB#0



23:34:59 15.04.2022

Band7-10MHz-QPSK-20800-50RB#0



23:35:34 15.04.2022

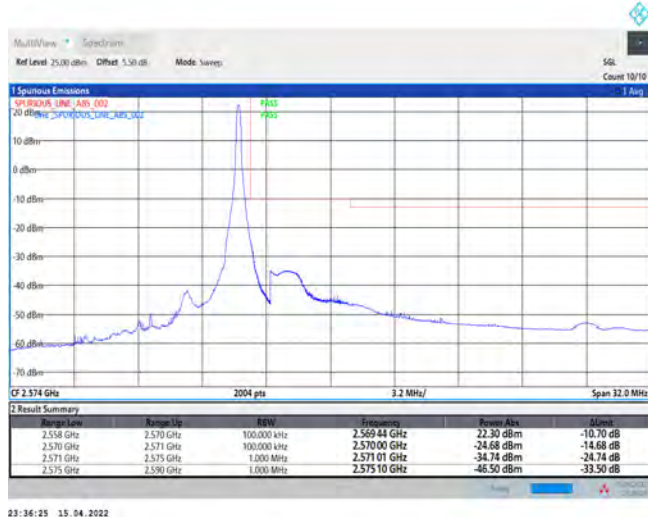


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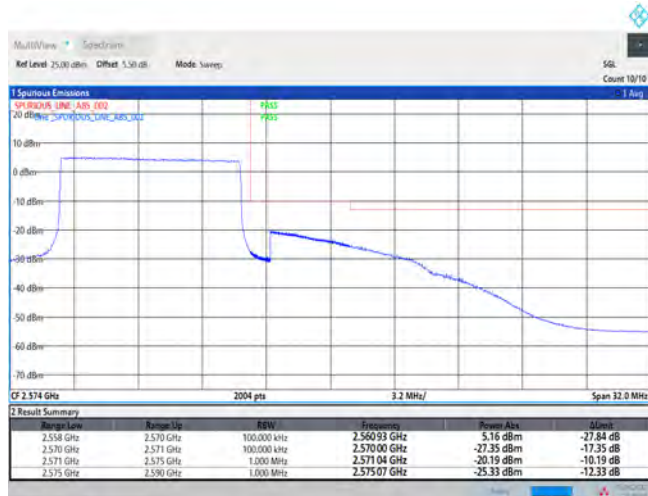
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Band7-10MHz-QPSK-21400-1RB#49



23:36:25 15.04.2022

Band7-10MHz-QPSK-21400-50RB#0



23:36:58 15.04.2022



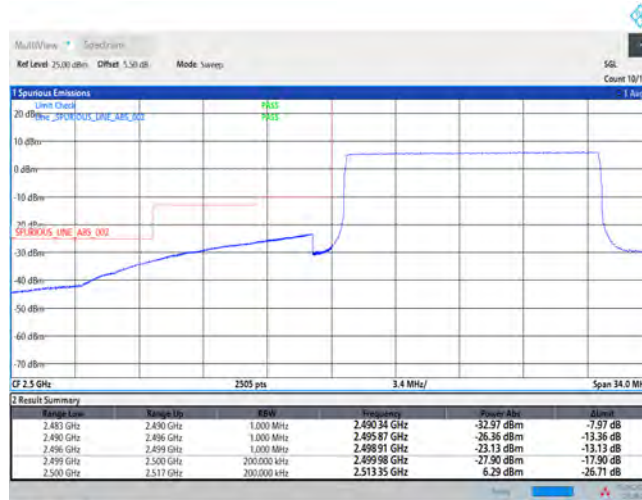
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Band7-15MHz-QPSK-20825-1RB#0



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



23:38:26 15. 04. 2022

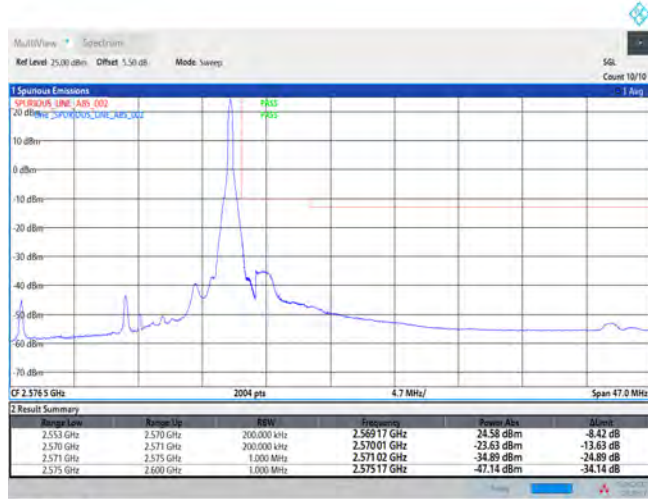


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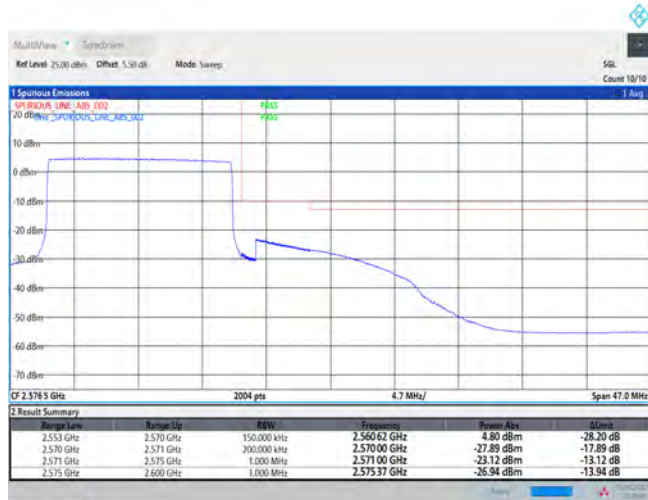
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Band7-15MHz-QPSK-21375-1RB#74



23:39:17 15. 04. 2022

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



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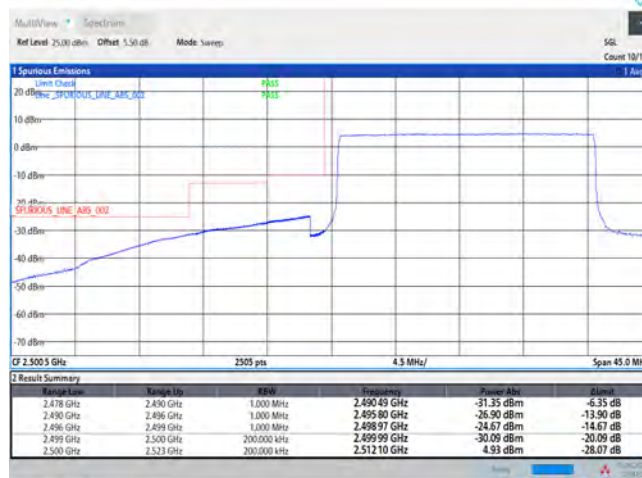
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Band7-20MHz-QPSK-20850-1RB#0



23:40:44 15.04.2022

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



23:41:20 15.04.2022

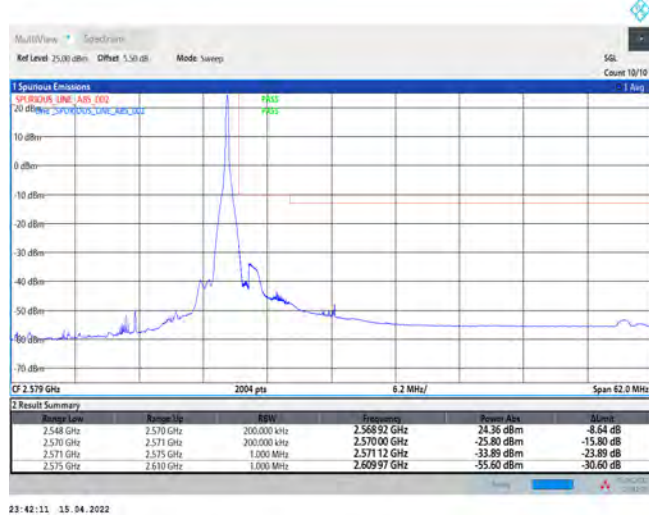


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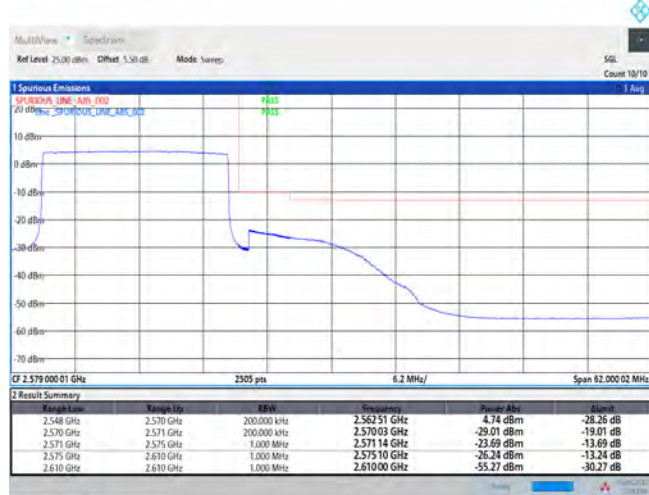
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Band7-20MHz-QPSK-21350-1RB#99



23:42:11 15. 04. 2022

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



23:42:47 15. 04. 2022



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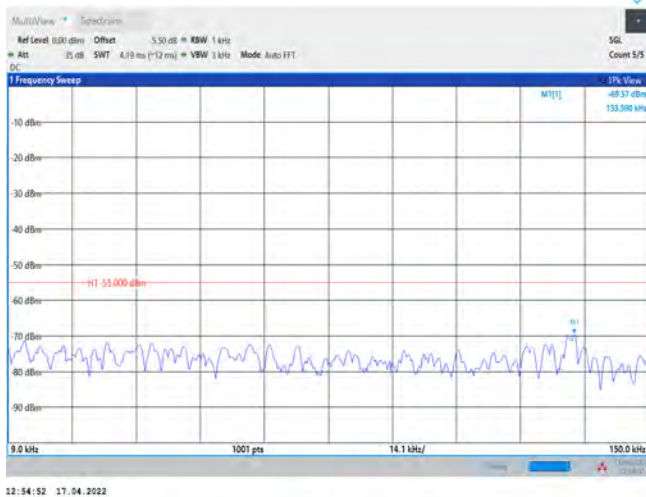
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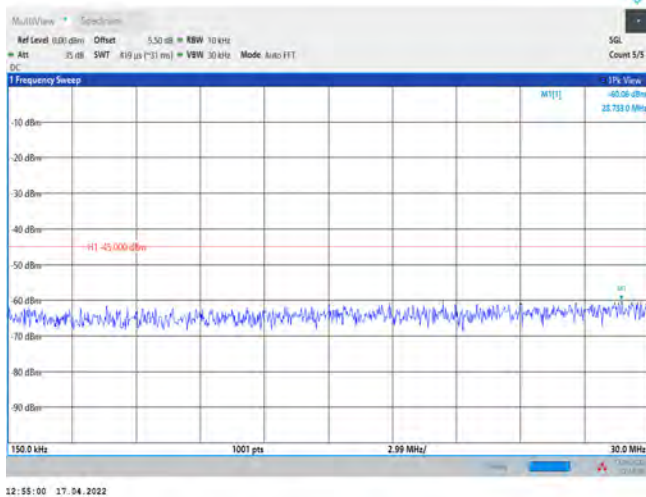
Conducted Spurious Emission

Test Graphs

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

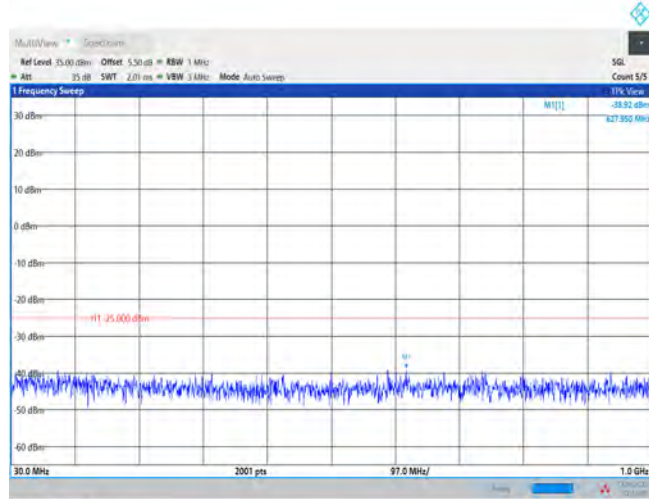


Band7-20MHz-QPSK-20850-1RB#0-Range2:0.15~30MHz



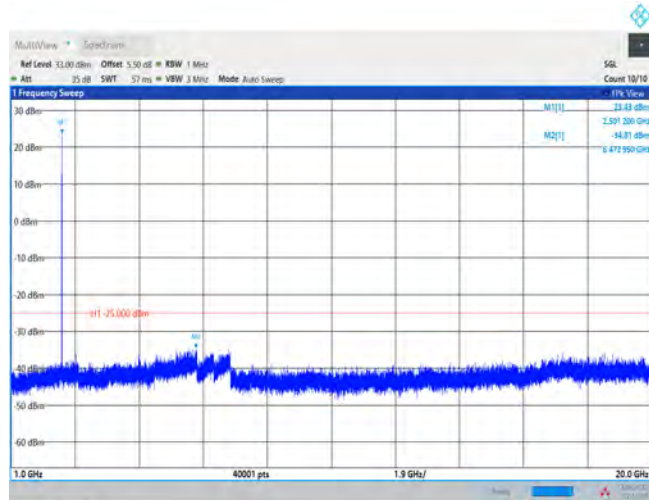
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Band7-20MHz-QPSK-20850-1RB#0-Range3:30~1000MHz



12:55:09 17.04.2022

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



12:55:18 17.04.2022

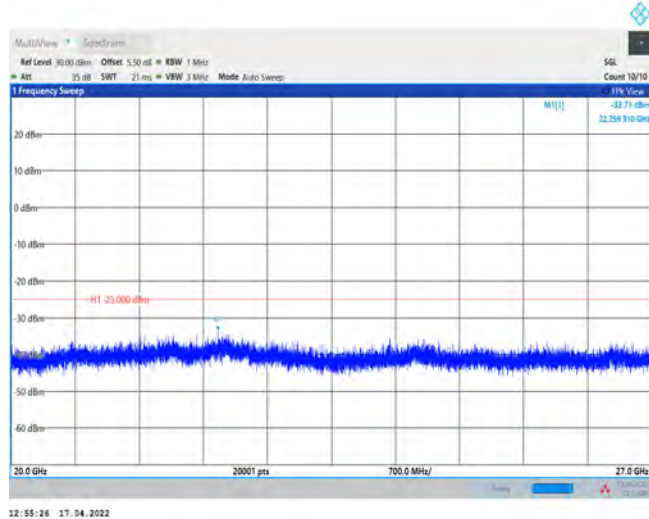


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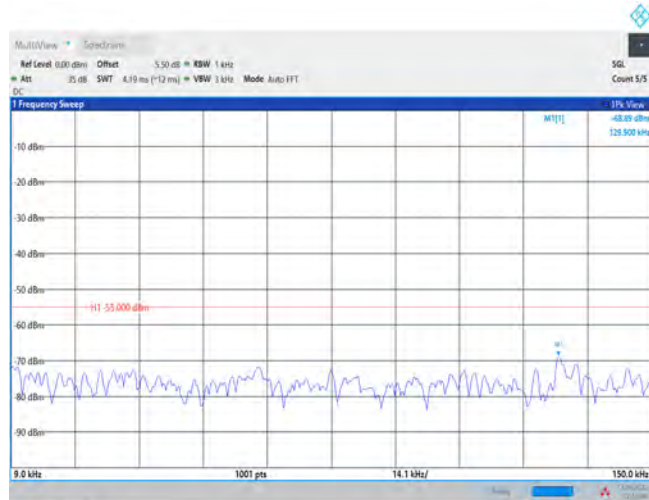
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Band7-20MHz-QPSK-20850-1RB#0-Range5:20000~27000MHz



12:55:26 17.04.2022

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



12:55:45 17.04.2022

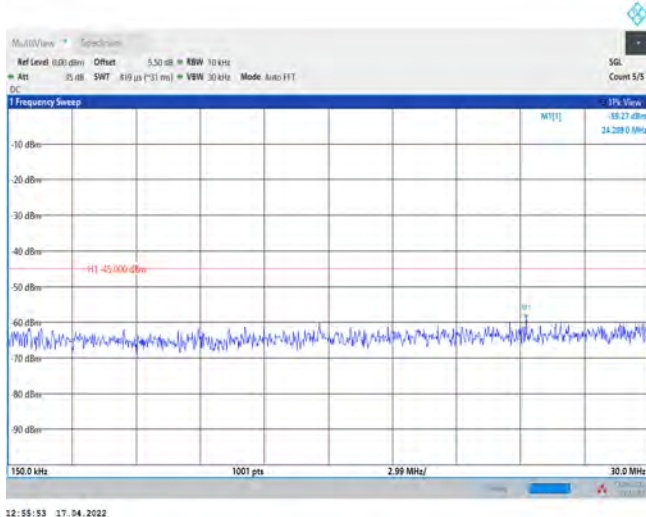


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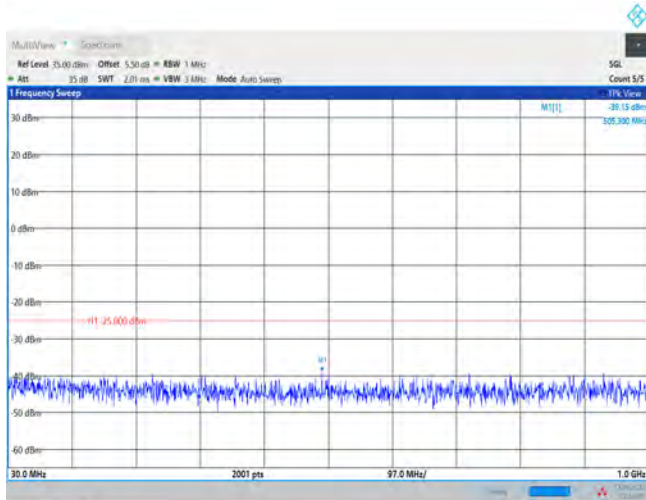
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Band7-20MHz-QPSK-21100-1RB#0-Range2:0.15~30MHz



12:55:53 17.04.2022

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

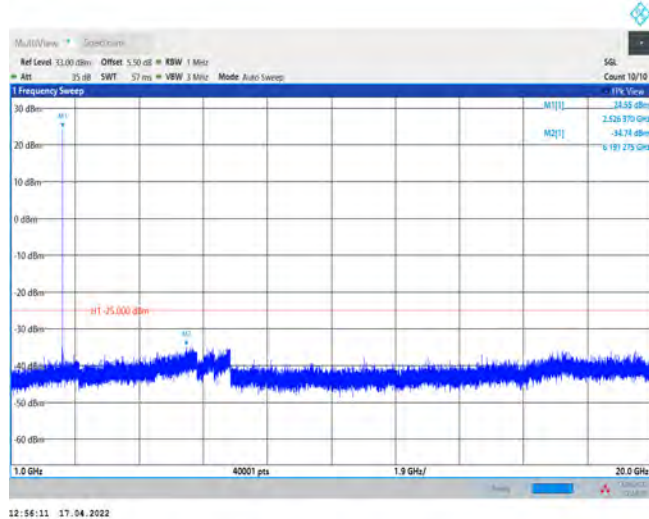


12:56:02 17.04.2022



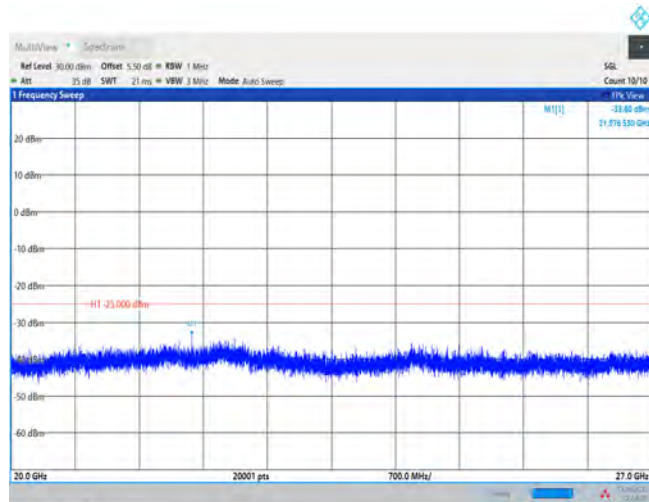
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Band7-20MHz-QPSK-21100-1RB#0-Range4:1000~20000MHz



12:56:11 17-04-2022

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



12:56:20 17-04-2022

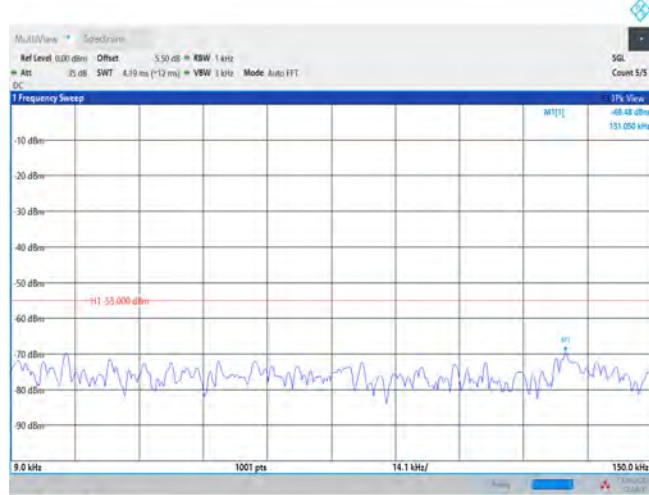


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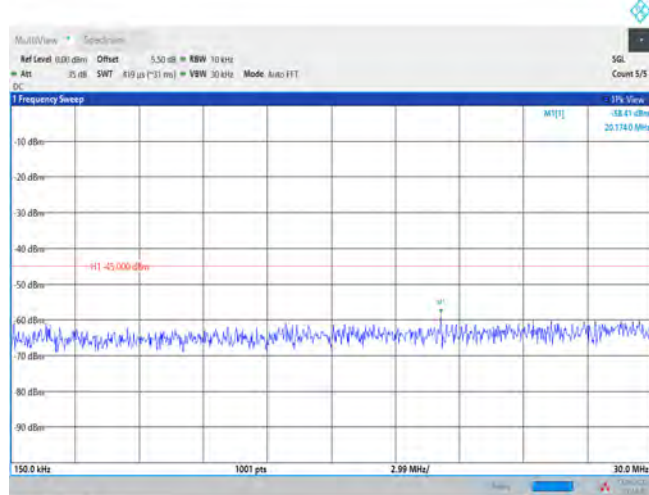
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Band7-20MHz-QPSK-21350-1RB#0-Range1:0.009~0.15MHz



12:56:38 17.04.2022

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



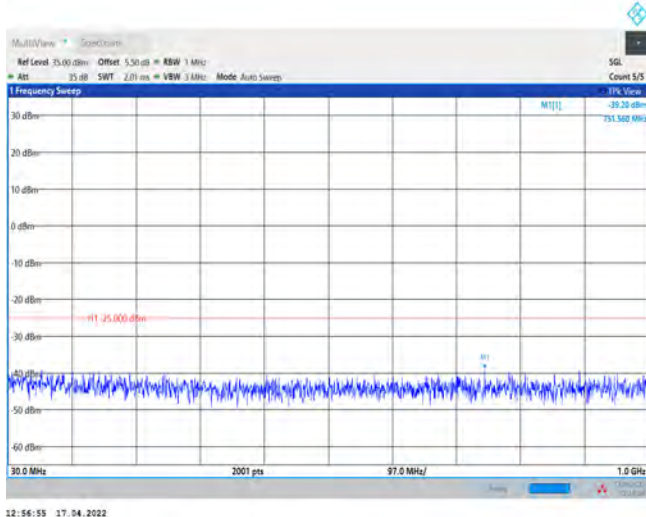
12:56:47 17.04.2022



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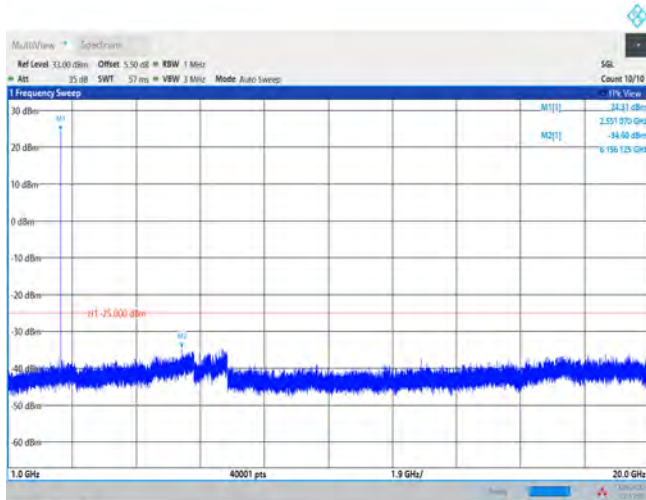
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Band7-20MHz-QPSK-21350-1RB#0-Range3:30~1000MHz



12:56:55 17.04.2022

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

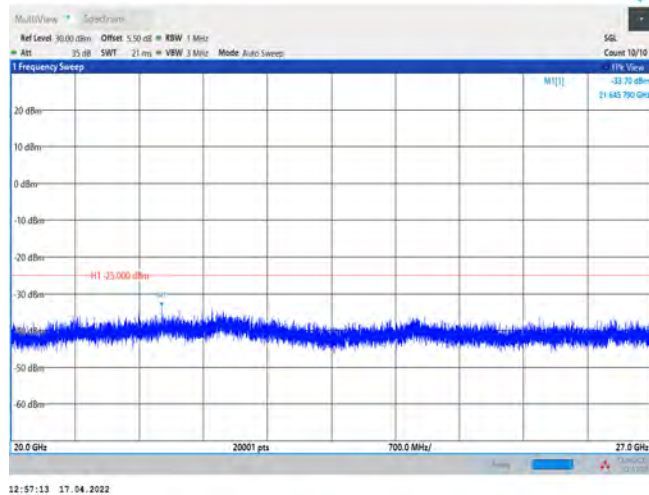


12:57:04 17.04.2022



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



12:57:13 17-04-2022



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Field Strength of Spurious Radiation

Test Band = LTE Band 7_ TM1
 Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.18	50.40	-107.58	-57.18	-25.00	32.18	263	94	Horizontal
2	7503.27	47.98	-100.34	-52.36	-25.00	27.36	251	246	Horizontal
3	10004.36	45.10	-93.89	-48.79	-25.00	23.79	175	348	Horizontal
4	12505.45	43.27	-91.38	-48.11	-25.00	23.11	265	4	Horizontal
5	15006.54	43.02	-90.07	-47.05	-25.00	22.05	177	4	Horizontal
6	17507.63	39.83	-86.50	-46.67	-25.00	21.67	142	357	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.18	53.76	-107.58	-53.82	-25.00	28.82	263	0	Vertical
2	7503.27	49.05	-100.34	-51.29	-25.00	26.29	251	221	Vertical
3	10004.36	45.39	-93.89	-48.50	-25.00	23.50	152	187	Vertical
4	12505.45	44.00	-91.38	-47.38	-25.00	22.38	262	0	Vertical
5	15006.54	42.56	-90.07	-47.51	-25.00	22.51	116	254	Vertical
6	17507.63	39.96	-86.50	-46.54	-25.00	21.54	217	325	Vertical



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Test Band = LTE Band 7_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5052.18	53.25	-107.26	-54.01	-25.00	29.01	263	163	Horizontal
2	7578.27	48.29	-99.93	-51.64	-25.00	26.64	241	235	Horizontal
3	10104.36	44.14	-93.44	-49.30	-25.00	24.30	176	154	Horizontal
4	12630.45	42.56	-90.75	-48.19	-25.00	23.19	265	280	Horizontal
5	15156.54	41.76	-89.53	-47.77	-25.00	22.77	255	0	Horizontal
6	17682.63	40.99	-85.04	-44.05	-25.00	19.05	214	326	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5052.18	54.35	-107.26	-52.91	-25.00	27.91	263	155	Vertical
2	7578.27	48.45	-99.93	-51.48	-25.00	26.48	251	62	Vertical
3	10104.36	44.38	-93.44	-49.06	-25.00	24.06	142	188	Vertical
4	12630.45	43.29	-90.75	-47.46	-25.00	22.46	265	17	Vertical
5	15156.54	41.88	-89.53	-47.65	-25.00	22.65	284	107	Vertical
6	17682.63	41.24	-85.04	-43.80	-25.00	18.80	177	0	Vertical



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Test Band = LTE Band 7_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5102.18	49.63	-106.94	-57.31	-25.00	32.31	263	348	Horizontal
2	7653.27	48.51	-99.75	-51.24	-25.00	26.24	241	127	Horizontal
3	10204.36	43.61	-93.10	-49.49	-25.00	24.49	176	207	Horizontal
4	12755.45	43.12	-91.01	-47.89	-25.00	22.89	254	151	Horizontal
5	15306.54	43.04	-90.33	-47.29	-25.00	22.29	177	151	Horizontal
6	17857.63	40.92	-84.18	-43.26	-25.00	18.26	185	302	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5102.18	49.80	-106.94	-57.14	-25.00	32.14	263	178	Vertical
2	7653.27	49.66	-99.75	-50.09	-25.00	25.09	251	52	Vertical
3	10204.36	44.48	-93.10	-48.62	-25.00	23.62	174	303	Vertical
4	12755.45	43.60	-91.01	-47.41	-25.00	22.41	152	291	Vertical
5	15306.54	42.91	-90.33	-47.42	-25.00	22.42	263	339	Vertical
6	17857.63	40.93	-84.18	-43.25	-25.00	18.25	241	64	Vertical



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Test Band = UL CA Band 2A-7A_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	52.03	-111.07	-59.04	-25.00	34.04	262	334	Horizontal
2	5002.18	51.54	-107.58	-56.04	-25.00	31.04	251	286	Horizontal
3	5553.27	50.28	-106.36	-56.08	-25.00	31.08	176	296	Horizontal
4	7404.36	48.08	-100.77	-52.69	-25.00	27.69	291	3	Horizontal
5	7503.27	49.29	-100.34	-51.05	-25.00	26.05	182	355	Horizontal
6	10004.36	44.60	-93.89	-49.29	-25.00	24.29	264	229	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	50.61	-111.07	-60.46	-25.00	35.46	263	197	Vertical
2	5002.18	49.48	-107.58	-58.10	-25.00	33.10	241	354	Vertical
3	5553.27	49.64	-106.36	-56.72	-25.00	31.72	178	78	Vertical
4	7404.36	48.14	-100.77	-52.63	-25.00	27.63	265	22	Vertical
5	7503.27	48.41	-100.34	-51.93	-25.00	26.93	244	242	Vertical
6	10004.36	46.00	-93.89	-47.89	-25.00	22.89	178	310	Vertical



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Test Band = UL CA Band 2A-7A_TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	50.17	-110.86	-60.69	-25.00	35.69	263	3	Horizontal
2	5052.18	49.23	-107.26	-58.03	-25.00	33.03	142	253	Horizontal
3	5613.27	50.50	-106.14	-55.64	-25.00	30.64	266	161	Horizontal
4	7484.36	49.01	-100.43	-51.42	-25.00	26.42	284	161	Horizontal
5	7578.27	49.27	-99.93	-50.66	-25.00	25.66	176	11	Horizontal
6	10104.36	43.72	-93.44	-49.72	-25.00	24.72	294	301	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	50.51	-110.86	-60.35	-25.00	35.35	262	163	Vertical
2	5052.18	49.29	-107.26	-57.97	-25.00	32.97	241	3	Vertical
3	5613.27	50.46	-106.14	-55.68	-25.00	30.68	175	290	Vertical
4	7484.36	51.21	-100.43	-49.22	-25.00	24.22	286	129	Vertical
5	7578.27	48.80	-99.93	-51.13	-25.00	26.13	241	45	Vertical
6	10104.36	44.72	-93.44	-48.72	-25.00	23.72	178	359	Vertical



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Test Band = UL CA Band 2A-7A_TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	49.13	-110.65	-61.52	-25.00	36.52	263	185	Horizontal
2	5102.18	49.14	-106.94	-57.80	-25.00	32.80	241	359	Horizontal
3	5673.27	50.32	-105.87	-55.55	-25.00	30.55	261	241	Horizontal
4	7564.36	49.43	-100.00	-50.57	-25.00	25.57	188	326	Horizontal
5	7653.27	49.89	-99.75	-49.86	-25.00	24.86	265	197	Horizontal
6	10204.36	43.55	-93.10	-49.55	-25.00	24.55	142	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	49.71	-110.65	-60.94	-25.00	35.94	214	300	Vertical
2	5102.18	49.65	-106.94	-57.29	-25.00	32.29	162	351	Vertical
3	5673.27	50.19	-105.87	-55.68	-25.00	30.68	241	206	Vertical
4	7564.36	48.60	-100.00	-51.40	-25.00	26.40	262	218	Vertical
5	7653.27	48.83	-99.75	-50.92	-25.00	25.92	241	333	Vertical
6	10204.36	44.76	-93.10	-48.34	-25.00	23.34	175	57	Vertical



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Test Band = UL CA Band 4A-7A_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	51.51	-111.70	-60.19	-25.00	35.19	263	298	Horizontal
2	5002.18	50.11	-107.58	-57.47	-25.00	32.47	284	360	Horizontal
3	5133.27	51.26	-106.90	-55.64	-25.00	30.64	241	360	Horizontal
4	6844.36	48.53	-101.87	-53.34	-25.00	28.34	176	3	Horizontal
5	7503.27	48.40	-100.34	-51.94	-25.00	26.94	264	275	Horizontal
6	10004.36	44.73	-93.89	-49.16	-25.00	24.16	177	68	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	51.03	-111.70	-60.67	-25.00	35.67	263	354	Vertical
2	5002.18	49.67	-107.58	-57.91	-25.00	32.91	265	218	Vertical
3	5133.27	50.28	-106.90	-56.62	-25.00	31.62	241	206	Vertical
4	6844.36	49.23	-101.87	-52.64	-25.00	27.64	178	284	Vertical
5	7503.27	48.46	-100.34	-51.88	-25.00	26.88	244	149	Vertical
6	10004.36	46.08	-93.89	-47.81	-25.00	22.81	178	360	Vertical



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Test Band = UL CA Band 4A-7A_TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.18	54.68	-111.65	-56.97	-25.00	31.97	263	162	Horizontal
2	5052.18	49.55	-107.26	-57.71	-25.00	32.71	241	12	Horizontal
3	5170.77	50.03	-106.85	-56.82	-25.00	31.82	176	208	Horizontal
4	6894.36	48.62	-101.70	-53.08	-25.00	28.08	265	351	Horizontal
5	7578.27	48.95	-99.93	-50.98	-25.00	25.98	241	355	Horizontal
6	10104.36	44.16	-93.44	-49.28	-25.00	24.28	178	355	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.18	55.98	-111.65	-55.67	-25.00	30.67	142	149	Vertical
2	5052.18	49.47	-107.26	-57.79	-25.00	32.79	262	277	Vertical
3	5170.77	49.59	-106.85	-57.26	-25.00	32.26	241	334	Vertical
4	6894.36	48.32	-101.70	-53.38	-25.00	28.38	176	11	Vertical
5	7578.27	48.98	-99.93	-50.95	-25.00	25.95	284	277	Vertical
6	10104.36	44.56	-93.44	-48.88	-25.00	23.88	177	33	Vertical



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Test Band = UL CA Band 4A-7A_TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	53.96	-111.60	-57.64	-25.00	32.64	265	279	Horizontal
2	5102.18	49.87	-106.94	-57.07	-25.00	32.07	241	220	Horizontal
3	5208.27	51.96	-106.80	-54.84	-25.00	29.84	176	161	Horizontal
4	6944.36	47.77	-101.67	-53.90	-25.00	28.90	284	104	Horizontal
5	7653.27	50.52	-99.75	-49.23	-25.00	24.23	184	301	Horizontal
6	10204.36	44.07	-93.10	-49.03	-25.00	24.03	264	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	53.41	-111.60	-58.19	-25.00	33.19	241	25	Vertical
2	5102.18	49.52	-106.94	-57.42	-25.00	32.42	175	196	Vertical
3	5208.27	51.06	-106.80	-55.74	-25.00	30.74	262	150	Vertical
4	6944.36	49.02	-101.67	-52.65	-25.00	27.65	241	324	Vertical
5	7653.27	48.49	-99.75	-51.26	-25.00	26.26	177	244	Vertical
6	10204.36	43.65	-93.10	-49.45	-25.00	24.45	266	82	Vertical



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Test Band = UL CA Band 5A-7A_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	41.76	-94.97	-53.21	-25.00	28.21	263	29	Horizontal
2	2473.77	41.60	-91.42	-49.82	-25.00	24.82	251	357	Horizontal
3	3298.36	50.97	-111.66	-60.69	-25.00	35.69	174	162	Horizontal
4	5002.18	50.73	-107.58	-56.85	-25.00	31.85	186	66	Horizontal
5	7503.27	48.00	-100.34	-52.34	-25.00	27.34	241	162	Horizontal
6	10004.36	44.54	-93.89	-49.35	-25.00	24.35	188	300	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	39.96	-94.97	-55.01	-25.00	30.01	263	258	Vertical
2	2473.77	40.62	-91.42	-50.80	-25.00	25.80	251	246	Vertical
3	3298.36	50.93	-111.66	-60.73	-25.00	35.73	175	230	Vertical
4	5002.18	50.44	-107.58	-57.14	-25.00	32.14	265	3	Vertical
5	7503.27	48.93	-100.34	-51.41	-25.00	26.41	255	218	Vertical
6	10004.36	44.88	-93.89	-49.01	-25.00	24.01	177	358	Vertical



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Test Band = UL CA Band 5A-7A_TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	40.52	-94.93	-54.41	-25.00	29.41	263	236	Horizontal
2	2496.27	40.14	-91.26	-51.12	-25.00	26.12	251	1	Horizontal
3	3328.36	52.37	-111.69	-59.32	-25.00	34.32	174	78	Horizontal
4	5052.18	50.09	-107.26	-57.17	-25.00	32.17	186	240	Horizontal
5	7578.27	49.13	-99.93	-50.80	-25.00	25.80	264	240	Horizontal
6	10104.36	43.67	-93.44	-49.77	-25.00	24.77	188	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	40.45	-94.93	-54.48	-25.00	29.48	263	357	Vertical
2	2496.27	40.22	-91.26	-51.04	-25.00	26.04	241	11	Vertical
3	3328.36	51.33	-111.69	-60.36	-25.00	35.36	178	359	Vertical
4	5052.18	50.12	-107.26	-57.14	-25.00	32.14	265	161	Vertical
5	7578.27	49.18	-99.93	-50.75	-25.00	25.75	284	149	Vertical
6	10104.36	43.95	-93.44	-49.49	-25.00	24.49	177	360	Vertical



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Test Band = UL CA Band 5A-7A_TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	40.34	-94.89	-54.55	-25.00	29.55	263	0	Horizontal
2	2518.77	41.28	-91.20	-49.92	-25.00	24.92	241	340	Horizontal
3	3358.36	50.54	-111.71	-61.17	-25.00	36.17	178	360	Horizontal
4	5102.18	50.37	-106.94	-56.57	-25.00	31.57	262	209	Horizontal
5	7653.27	48.95	-99.75	-50.80	-25.00	25.80	281	150	Horizontal
6	10204.36	43.78	-93.10	-49.32	-25.00	24.32	175	233	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	41.39	-94.89	-53.50	-25.00	28.50	263	234	Vertical
2	2518.77	40.80	-91.20	-50.40	-25.00	25.40	251	224	Vertical
3	3358.36	50.40	-111.71	-61.31	-25.00	36.31	178	217	Vertical
4	5102.18	49.81	-106.94	-57.13	-25.00	32.13	262	217	Vertical
5	7653.27	49.02	-99.75	-50.73	-25.00	25.73	241	138	Vertical
6	10204.36	44.12	-93.10	-48.98	-25.00	23.98	178	335	Vertical



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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	-1.90	-0.000750	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	1.60	0.000631	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	0.60	0.000237	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	0.90	0.000355	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-0.70	-0.000276	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	2.10	0.000828	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-1.00	-0.000394	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	0.30	0.000118	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-0.50	-0.000197	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-0.60	-0.000237	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-0.70	-0.000276	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-1.00	-0.000394	PASS

---End of Attachment---



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