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# Appendix B.7

## LTE Band 25



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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
Band25	1.4MHz	QPSK	26047	1RB#0	22.1	24.03	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	22.28	24.21	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	22.22	24.15	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	21.29	23.22	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.02	23.95	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.06	23.99	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.19	24.12	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.23	23.16	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	22	23.93	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	22.17	24.1	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	21.95	23.88	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.1	23.03	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	21.54	23.47	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.51	23.44	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	21.55	23.48	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.34	22.27	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	21.43	23.36	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.45	23.38	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.48	23.41	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.35	22.28	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	21.47	23.4	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	21.64	23.57	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	21.3	23.23	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	20.15	22.08	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	20.52	22.45	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#2	20.45	22.38	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#5	20.47	22.4	33	PASS

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Band25	1.4MHz	64QAM	26047	6RB#0	19.32	21.25	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#0	20.31	22.24	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#2	20.48	22.41	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#5	20.38	22.31	33	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	19.28	21.21	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	19.74	21.67	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#2	19.68	21.61	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	19.66	21.59	33	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	18.54	20.47	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	22.28	24.21	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	22.27	24.2	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	22.32	24.25	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	21.39	23.32	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.2	24.13	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.2	24.13	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.24	24.17	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.22	23.15	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	21.98	23.91	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	22.13	24.06	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	22.03	23.96	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.16	23.09	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	21.52	23.45	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	21.78	23.71	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	21.58	23.51	33	PASS
Band25	3MHz	16QAM	26055	15RB#0	20.5	22.43	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	21.62	23.55	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.51	23.44	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	21.59	23.52	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	20.21	22.14	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	21.25	23.18	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	21.4	23.33	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.46	23.39	33	PASS

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Band25	3MHz	64QAM	26055	1RB#0	20.52	22.45	33	PASS
Band25	3MHz	64QAM	26055	1RB#8	20.49	22.42	33	PASS
Band25	3MHz	64QAM	26055	1RB#14	20.54	22.47	33	PASS
Band25	3MHz	64QAM	26055	15RB#0	19.45	21.38	33	PASS
Band25	3MHz	64QAM	26365	1RB#0	20.37	22.3	33	PASS
Band25	3MHz	64QAM	26365	1RB#8	20.42	22.35	33	PASS
Band25	3MHz	64QAM	26365	1RB#14	20.38	22.31	33	PASS
Band25	3MHz	64QAM	26365	15RB#0	19.25	21.18	33	PASS
Band25	3MHz	64QAM	26675	1RB#0	19.95	21.88	33	PASS
Band25	3MHz	64QAM	26675	1RB#8	19.8	21.73	33	PASS
Band25	3MHz	64QAM	26675	1RB#14	19.55	21.48	33	PASS
Band25	3MHz	64QAM	26675	15RB#0	18.7	20.63	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.26	24.19	33	PASS
Band25	5MHz	QPSK	26065	1RB#12	22.33	24.26	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.31	24.24	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	21.35	23.28	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	22.04	23.97	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.18	24.11	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.12	24.05	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.23	23.16	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.04	23.97	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.11	24.04	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.19	24.12	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	21.06	22.99	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	21.68	23.61	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	21.7	23.63	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.61	23.54	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.34	22.27	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	21.45	23.38	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	21.53	23.46	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	21.47	23.4	33	PASS

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Band25	5MHz	16QAM	26365	25RB#0	20.32	22.25	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.55	23.48	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	21.43	23.36	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.42	23.35	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.07	22	33	PASS
Band25	5MHz	64QAM	26065	1RB#0	20.5	22.43	33	PASS
Band25	5MHz	64QAM	26065	1RB#12	20.58	22.51	33	PASS
Band25	5MHz	64QAM	26065	1RB#24	20.61	22.54	33	PASS
Band25	5MHz	64QAM	26065	25RB#0	19.31	21.24	33	PASS
Band25	5MHz	64QAM	26365	1RB#0	20.43	22.36	33	PASS
Band25	5MHz	64QAM	26365	1RB#12	20.35	22.28	33	PASS
Band25	5MHz	64QAM	26365	1RB#24	20.45	22.38	33	PASS
Band25	5MHz	64QAM	26365	25RB#0	19.32	21.25	33	PASS
Band25	5MHz	64QAM	26665	1RB#0	20.25	22.18	33	PASS
Band25	5MHz	64QAM	26665	1RB#12	19.89	21.82	33	PASS
Band25	5MHz	64QAM	26665	1RB#24	19.63	21.56	33	PASS
Band25	5MHz	64QAM	26665	25RB#0	18.78	20.71	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.02	23.95	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	22.2	24.13	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	22.11	24.04	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	21.26	23.19	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	21.87	23.8	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.19	24.12	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.05	23.98	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.21	23.14	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	22.11	24.04	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.06	23.99	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	22.21	24.14	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.12	23.05	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	21.59	23.52	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	21.75	23.68	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	21.3	23.23	33	PASS



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Band25	10MHz	16QAM	26365	1RB#0	21.34	23.27	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	21.44	23.37	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.3	23.23	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	20.24	22.17	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	21.31	23.24	33	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.5	23.43	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	21.36	23.29	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	20.07	22	33	PASS
Band25	10MHz	64QAM	26090	1RB#0	20.31	22.24	33	PASS
Band25	10MHz	64QAM	26090	1RB#24	20.41	22.34	33	PASS
Band25	10MHz	64QAM	26090	1RB#49	20.29	22.22	33	PASS
Band25	10MHz	64QAM	26090	50RB#0	19.35	21.28	33	PASS
Band25	10MHz	64QAM	26365	1RB#0	20.29	22.22	33	PASS
Band25	10MHz	64QAM	26365	1RB#24	20.49	22.42	33	PASS
Band25	10MHz	64QAM	26365	1RB#49	20.19	22.12	33	PASS
Band25	10MHz	64QAM	26365	50RB#0	19.27	21.2	33	PASS
Band25	10MHz	64QAM	26640	1RB#0	20.35	22.28	33	PASS
Band25	10MHz	64QAM	26640	1RB#24	20.3	22.23	33	PASS
Band25	10MHz	64QAM	26640	1RB#49	19.57	21.5	33	PASS
Band25	10MHz	64QAM	26640	50RB#0	18.95	20.88	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	22.01	23.94	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	22.22	24.15	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	22.08	24.01	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	21.25	23.18	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.14	24.07	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.24	24.17	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.27	24.2	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	21.34	23.27	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.11	24.04	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.32	24.25	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	22.28	24.21	33	PASS

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Band25	15MHz	QPSK	26615	75RB#0	21.37	23.3	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	21.47	23.4	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	21.65	23.58	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	21.44	23.37	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.3	22.23	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	21.39	23.32	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	21.39	23.32	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	21.49	23.42	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	20.28	22.21	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	21.52	23.45	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	21.74	23.67	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	21.78	23.71	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	20.36	22.29	33	PASS
Band25	15MHz	64QAM	26115	1RB#0	20.31	22.24	33	PASS
Band25	15MHz	64QAM	26115	1RB#38	20.45	22.38	33	PASS
Band25	15MHz	64QAM	26115	1RB#74	20.34	22.27	33	PASS
Band25	15MHz	64QAM	26115	75RB#0	19.26	21.19	33	PASS
Band25	15MHz	64QAM	26365	1RB#0	20.32	22.25	33	PASS
Band25	15MHz	64QAM	26365	1RB#38	20.51	22.44	33	PASS
Band25	15MHz	64QAM	26365	1RB#74	20.38	22.31	33	PASS
Band25	15MHz	64QAM	26365	75RB#0	19.35	21.28	33	PASS
Band25	15MHz	64QAM	26615	1RB#0	20.3	22.23	33	PASS
Band25	15MHz	64QAM	26615	1RB#38	20.58	22.51	33	PASS
Band25	15MHz	64QAM	26615	1RB#74	19.81	21.74	33	PASS
Band25	15MHz	64QAM	26615	75RB#0	19.31	21.24	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	22.48	24.41	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.4	24.33	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	22.43	24.36	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	21.5	23.43	33	PASS
Band25	20MHz	QPSK	26365	1RB#0	22.36	24.29	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	22.43	24.36	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	22.44	24.37	33	PASS

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Band25	20MHz	QPSK	26365	100RB#0	21.51	23.44	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	22.4	24.33	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	22.33	24.26	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	22.34	24.27	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	21.43	23.36	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	21.89	23.82	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	21.77	23.7	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	21.63	23.56	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	20.46	22.39	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	21.64	23.57	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	21.72	23.65	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	21.72	23.65	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	20.43	22.36	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	21.63	23.56	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	21.71	23.64	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	21.6	23.53	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	20.39	22.32	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	20.72	22.65	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	20.75	22.68	33	PASS
Band25	20MHz	64QAM	26140	1RB#99	20.73	22.66	33	PASS
Band25	20MHz	64QAM	26140	100RB#0	19.49	21.42	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	20.49	22.42	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	20.79	22.72	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	20.77	22.7	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	19.45	21.38	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	20.53	22.46	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	20.45	22.38	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	19.61	21.54	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	19.16	21.09	33	PASS

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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	5.30	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.24	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.26	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.08	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.00	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.02	13	PASS
Band25	20MHz	64QAM	26140	100RB#0	6.60	13	PASS
Band25	20MHz	64QAM	26365	100RB#0	6.54	13	PASS
Band25	20MHz	64QAM	26590	100RB#0	6.62	13	PASS

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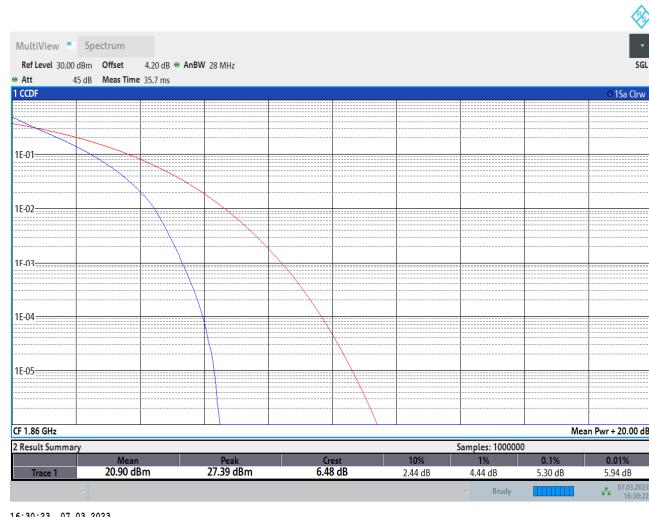


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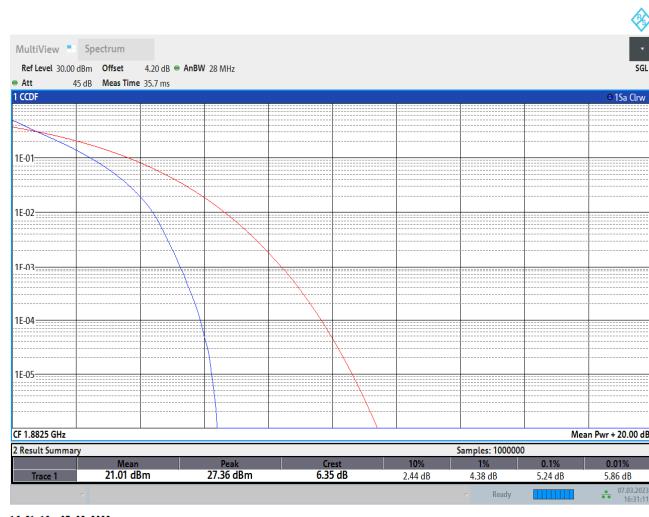
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## Test Graphs

### Band25-20MHz-QPSK-26140-100RB#0



### Band25-20MHz-QPSK-26365-100RB#0



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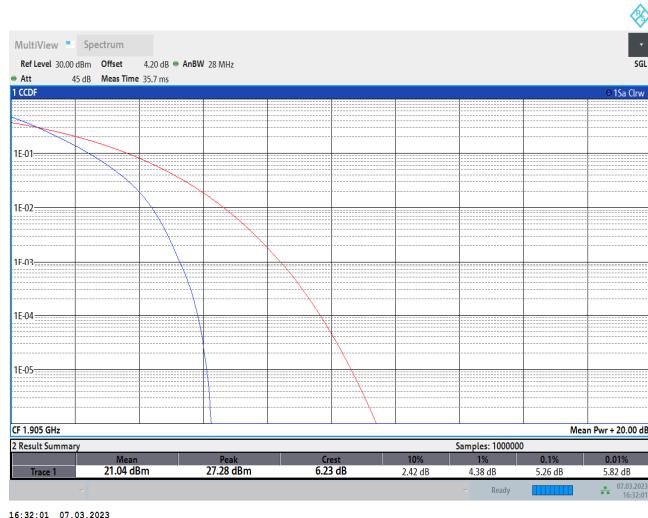
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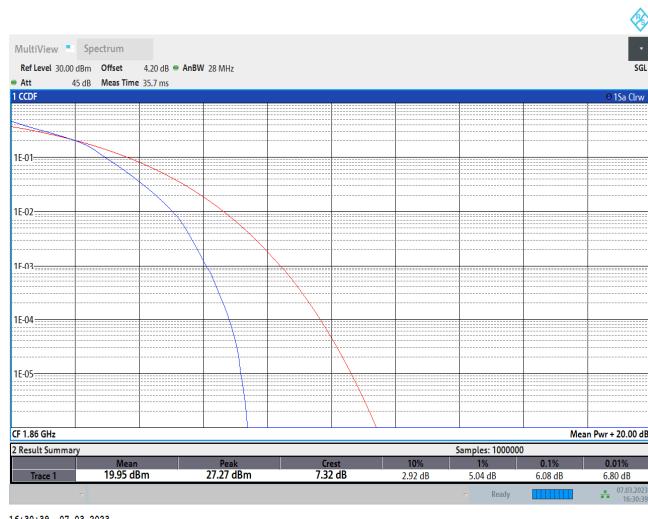
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### Band25-20MHz-QPSK-26590-100RB#0



### Band25-20MHz-16QAM-26140-100RB#0



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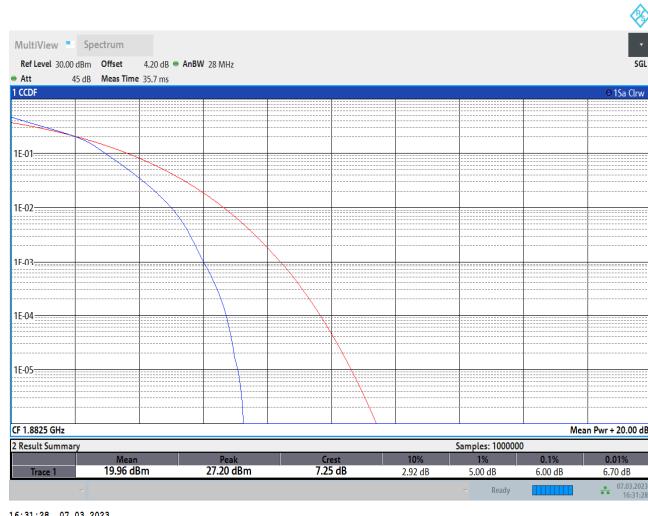


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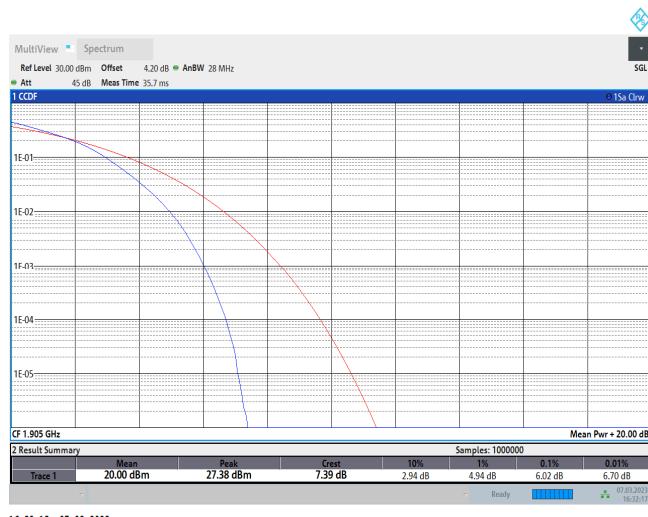
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### Band25-20MHz-16QAM-26365-100RB#0



### Band25-20MHz-16QAM-26590-100RB#0



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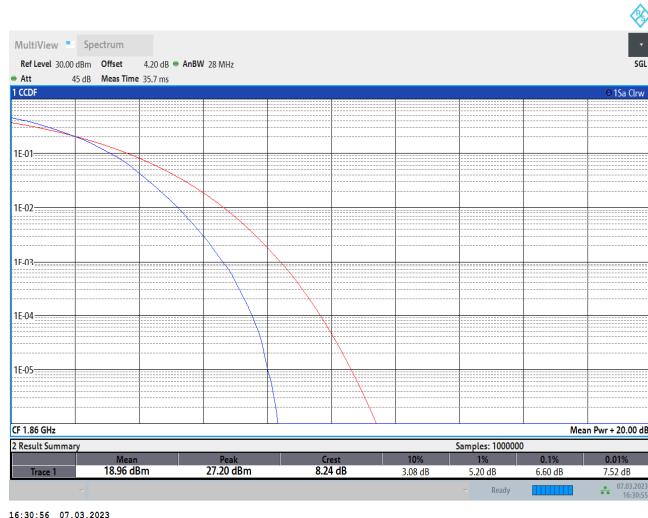


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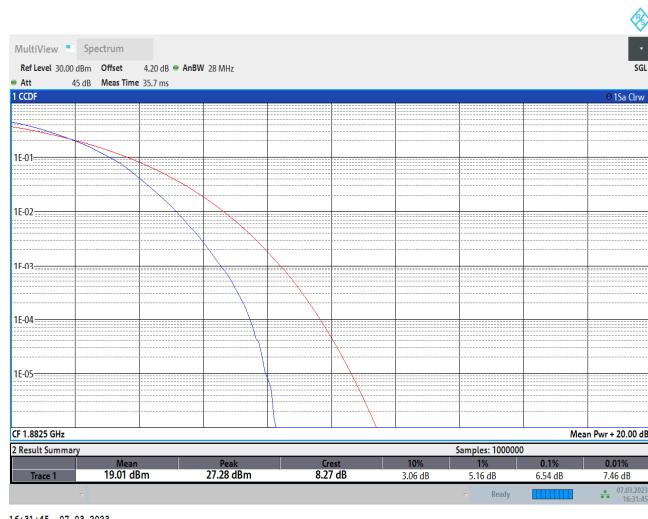
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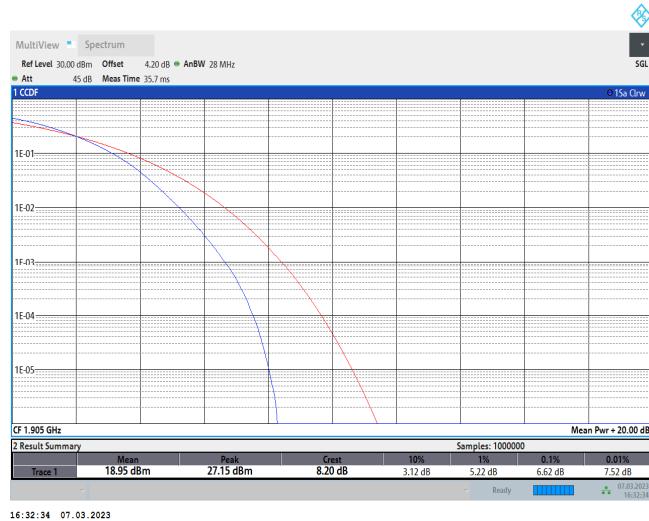
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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.085	1.23	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.085	1.23	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.087	1.22	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.091	1.24	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.091	1.23	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.092	1.24	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	1.093	1.24	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	1.092	1.23	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	1.093	1.24	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.695	2.98	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.692	2.96	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.695	2.99	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.688	2.99	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.687	3.00	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.688	2.98	PASS
Band25	3MHz	64QAM	26055	15RB#0	2.685	2.97	PASS
Band25	3MHz	64QAM	26365	15RB#0	2.688	2.98	PASS
Band25	3MHz	64QAM	26675	15RB#0	2.687	2.96	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.468	4.87	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.466	4.88	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.466	4.89	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.467	4.90	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.47	4.90	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.466	4.90	PASS
Band25	5MHz	64QAM	26065	25RB#0	4.475	4.91	PASS
Band25	5MHz	64QAM	26365	25RB#0	4.479	4.90	PASS
Band25	5MHz	64QAM	26665	25RB#0	4.479	4.88	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.91	9.66	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.92	9.64	PASS

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Band25	10MHz	QPSK	26640	50RB#0	8.925	9.60	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.909	9.62	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.904	9.62	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.907	9.62	PASS
Band25	10MHz	64QAM	26090	50RB#0	8.921	9.64	PASS
Band25	10MHz	64QAM	26365	50RB#0	8.915	9.64	PASS
Band25	10MHz	64QAM	26640	50RB#0	8.917	9.62	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.476	14.70	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.465	14.79	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.462	14.76	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.442	14.73	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.437	14.76	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.443	14.76	PASS
Band25	15MHz	64QAM	26115	75RB#0	13.432	14.85	PASS
Band25	15MHz	64QAM	26365	75RB#0	13.428	14.82	PASS
Band25	15MHz	64QAM	26615	75RB#0	13.426	14.82	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.902	19.56	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.911	19.56	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.898	19.52	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.881	19.48	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.871	19.40	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.862	19.36	PASS
Band25	20MHz	64QAM	26140	100RB#0	17.862	19.44	PASS
Band25	20MHz	64QAM	26365	100RB#0	17.846	19.56	PASS
Band25	20MHz	64QAM	26590	100RB#0	17.889	19.48	PASS

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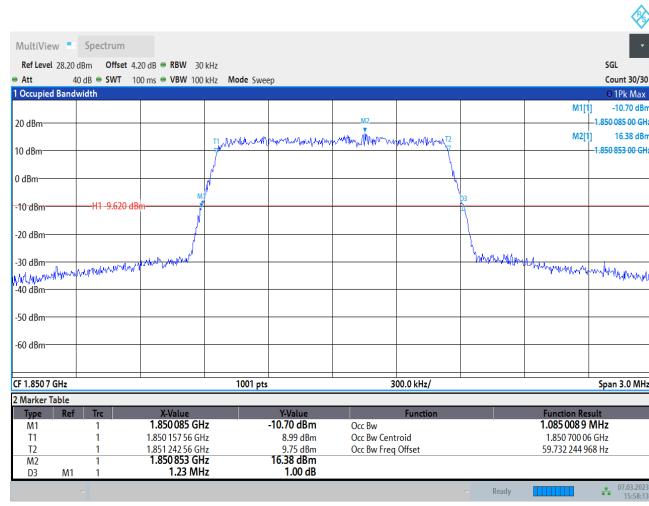
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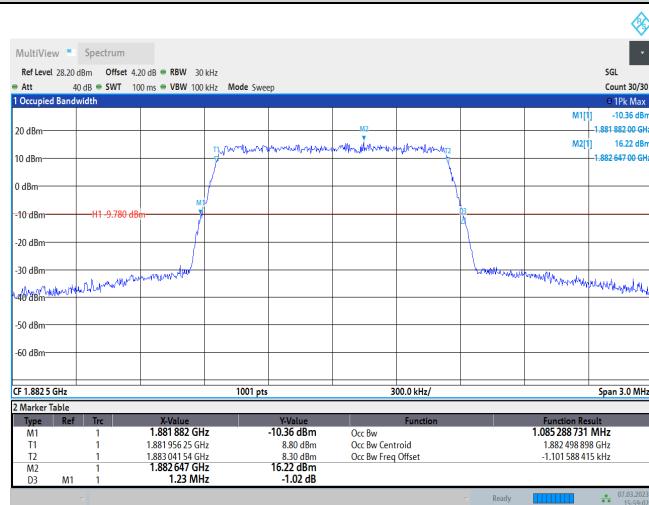
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## Test Graphs

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### Band25-1.4MHz-QPSK-26365-6RB#0



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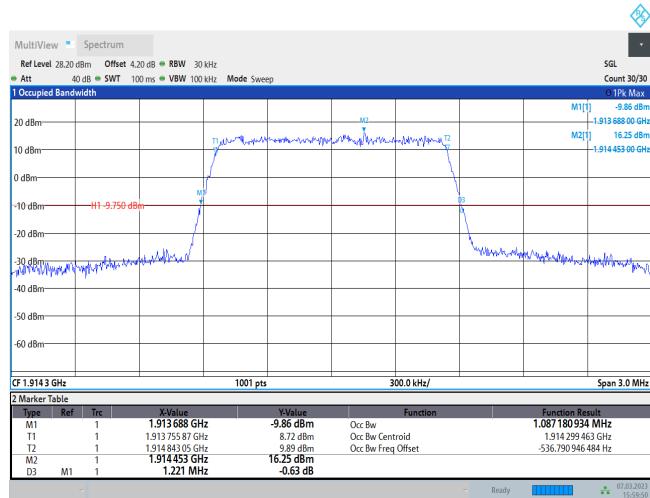
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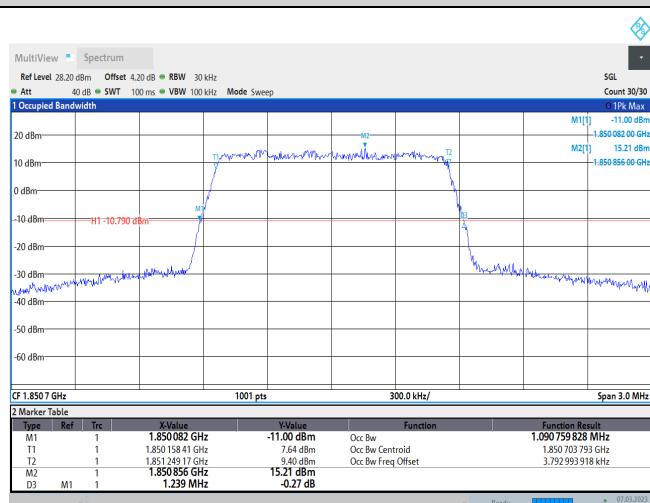
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## Band25-1.4MHz-QPSK-26683-6RB#0



## Band25-1.4MHz-16QAM-26047-6RB#0



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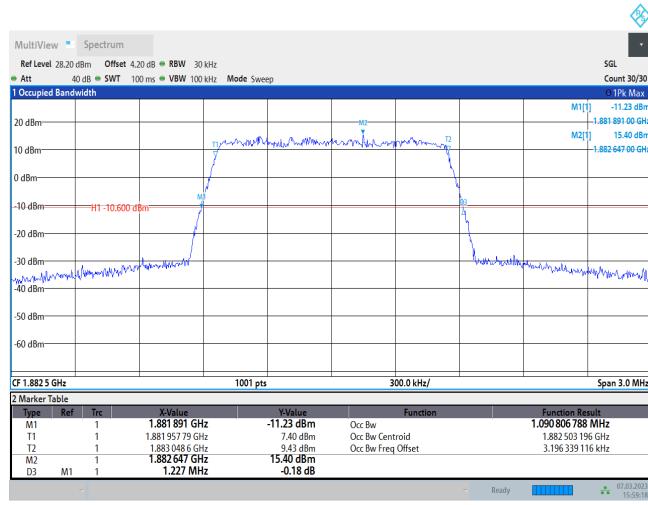
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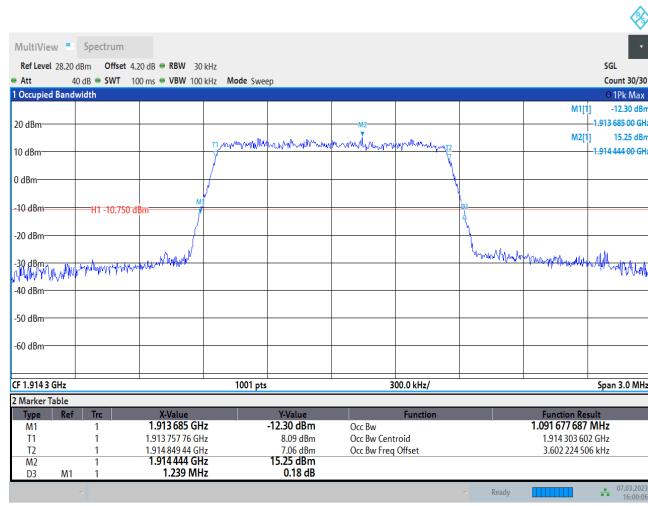
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## Band25-1.4MHz-16QAM-26683-6RB#0



16:00:06 07.03.2023

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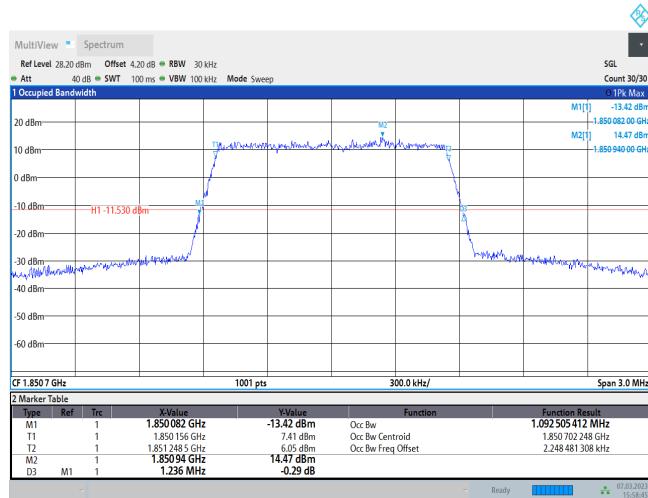
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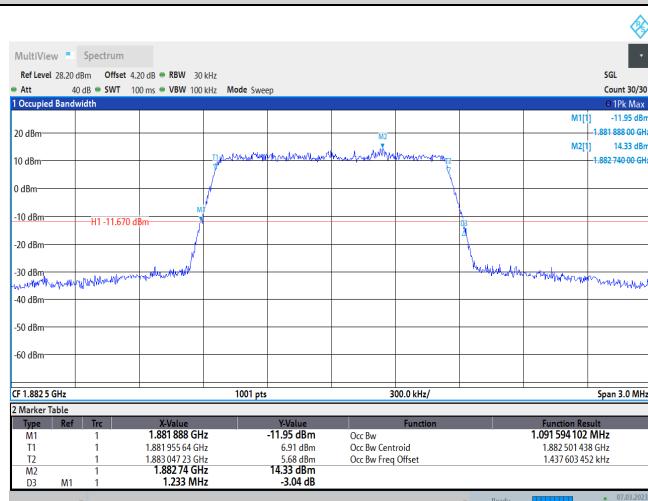
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### Band25-1.4MHz-64QAM-26047-6RB#0



### Band25-1.4MHz-64QAM-26365-6RB#0



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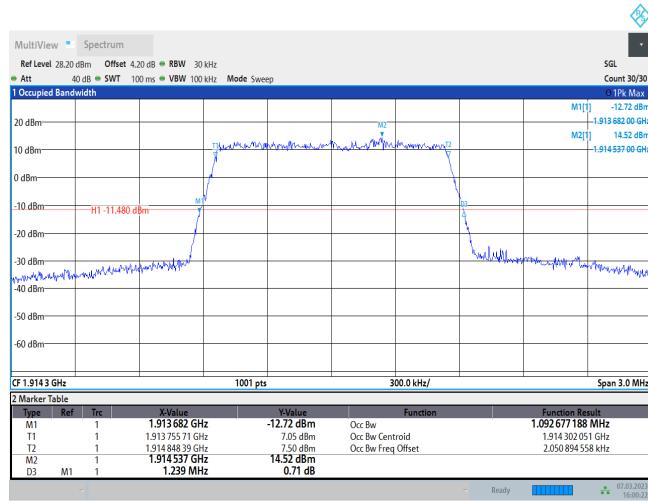
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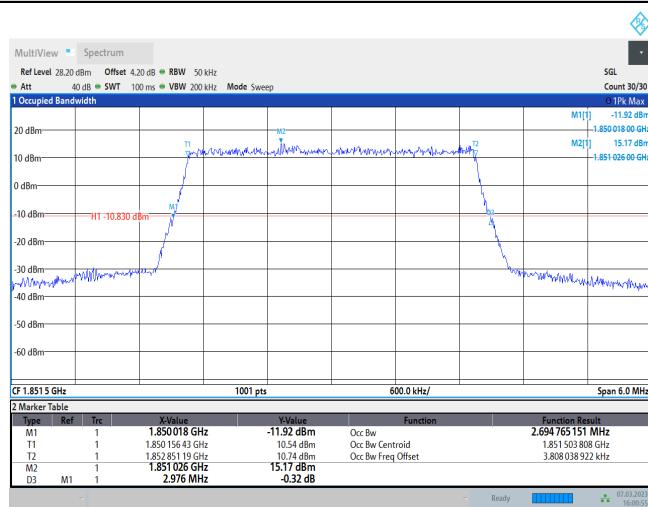
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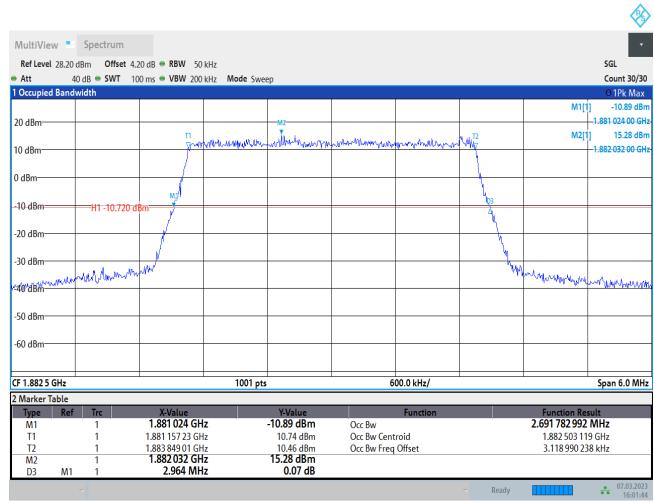
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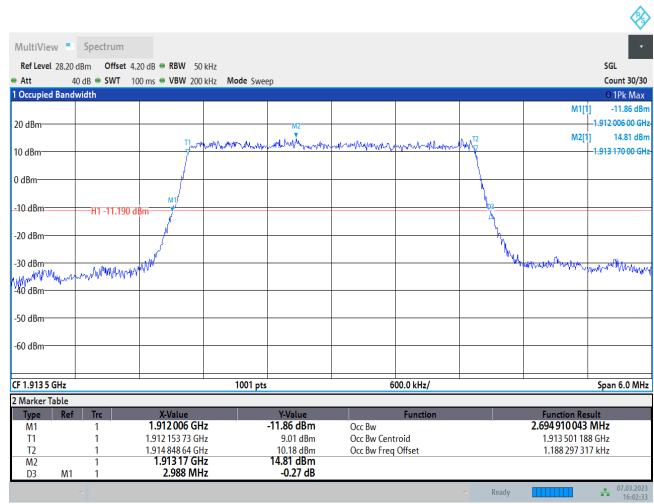
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## Band25-3MHz-QPSK-26365-15RB#0



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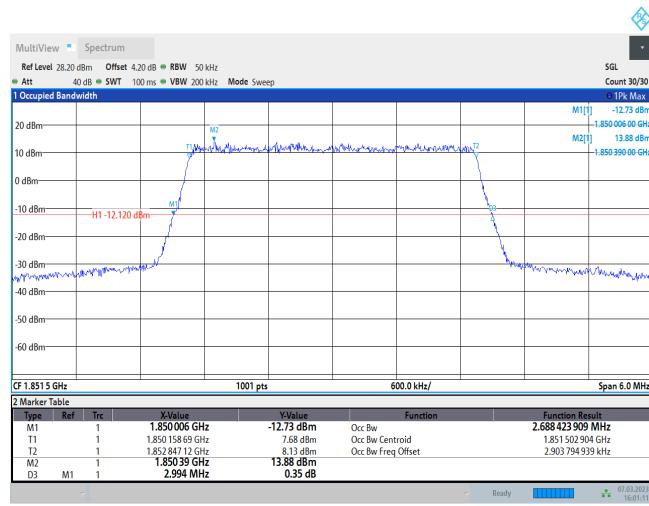
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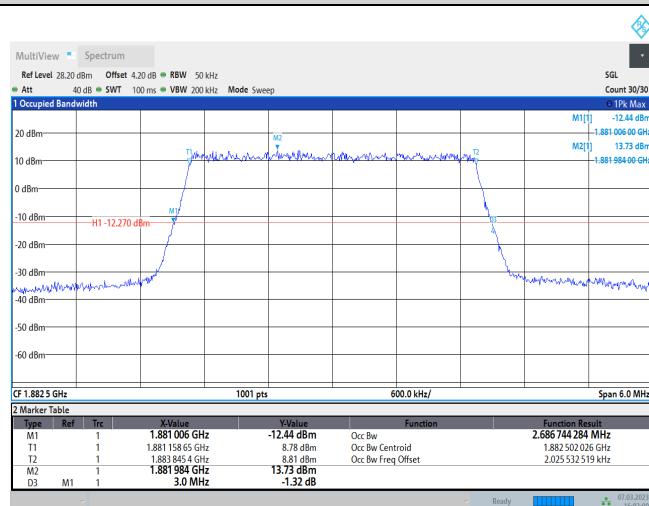
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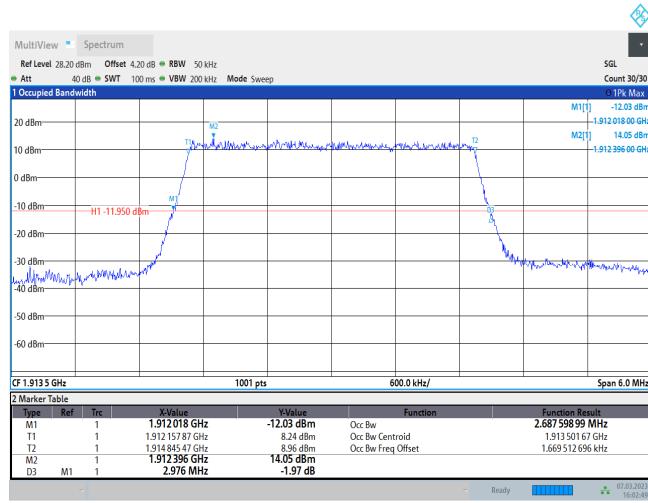
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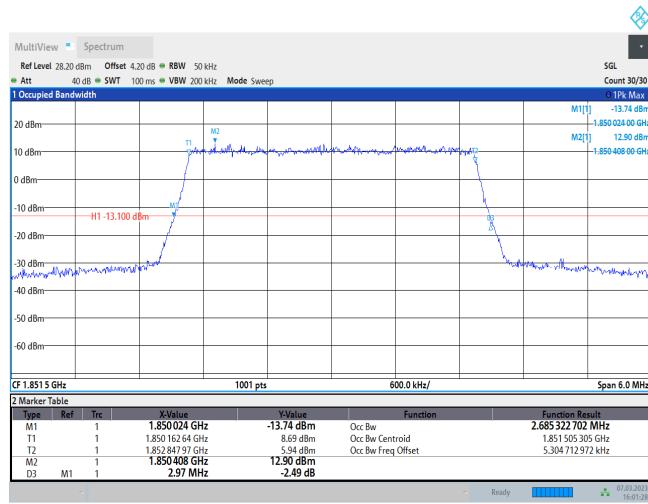
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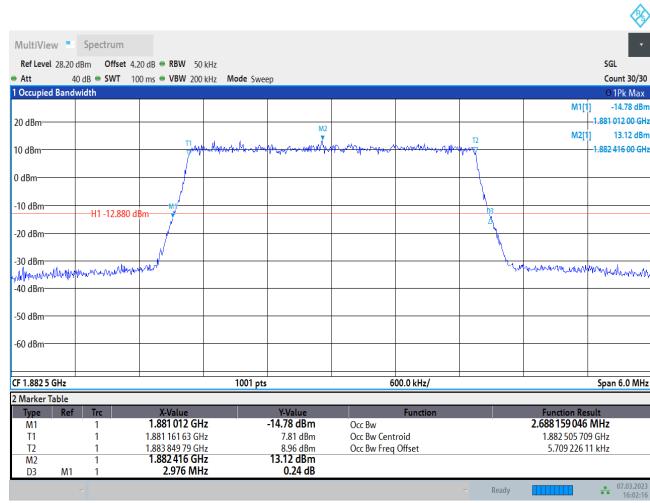


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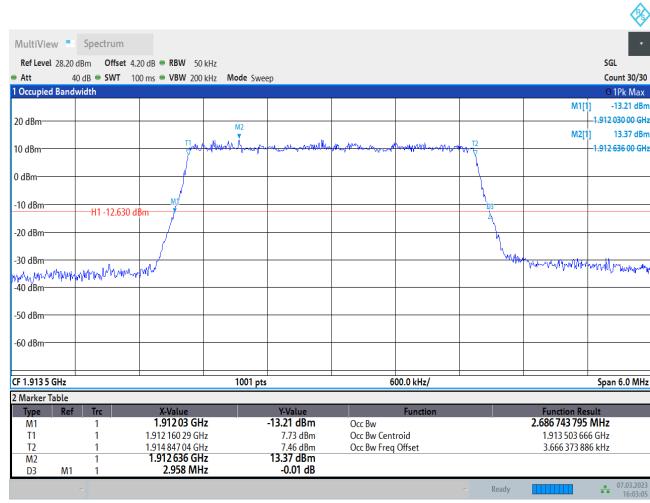
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### Band25-3MHz-64QAM-26365-15RB#0



16:02:17 07.03.2023

### Band25-3MHz-64QAM-26675-15RB#0



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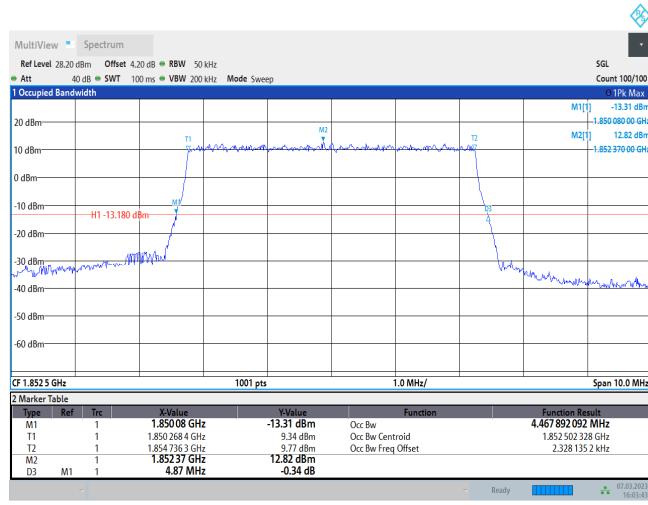


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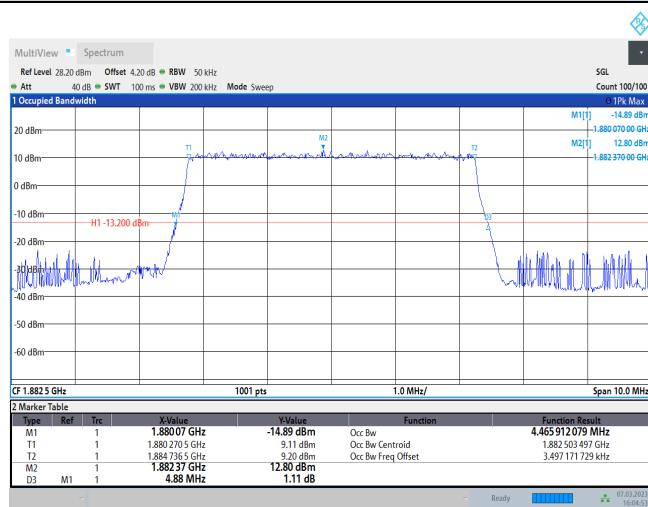
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## Band25-5MHz-QPSK-26065-25RB#0



## Band25-5MHz-QPSK-26365-25RB#0



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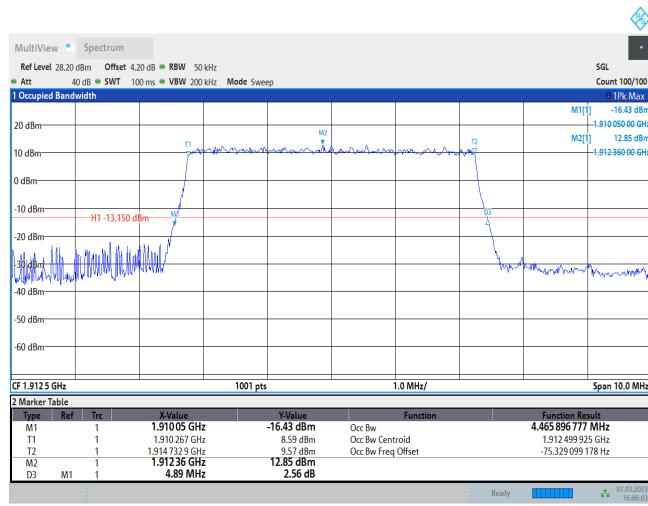
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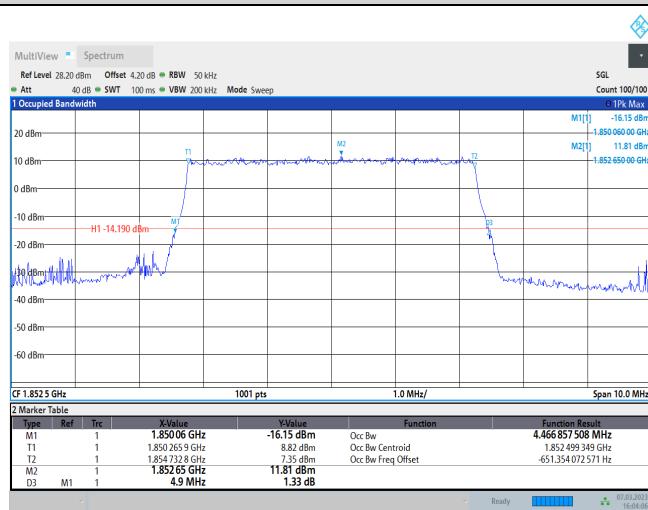
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### Band25-5MHz-QPSK-26665-25RB#0



### Band25-5MHz-16QAM-26065-25RB#0



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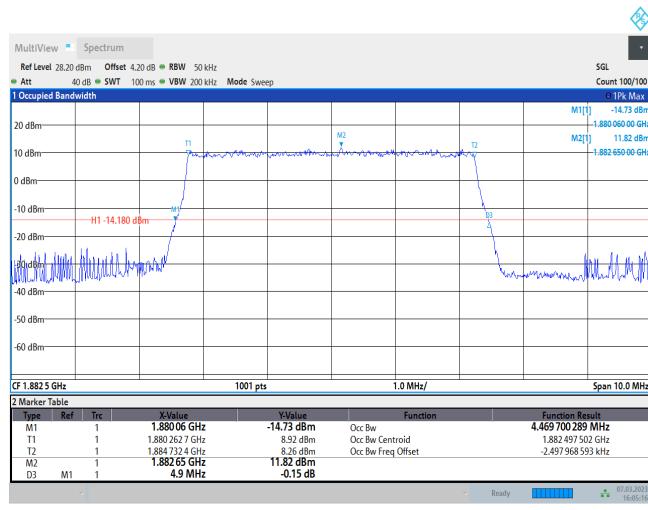
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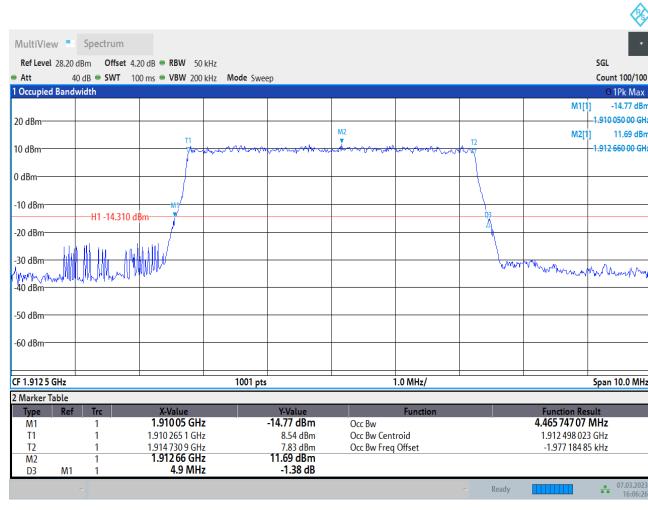
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### Band25-5MHz-16QAM-26365-25RB#0



16:05:17 07.03.2023

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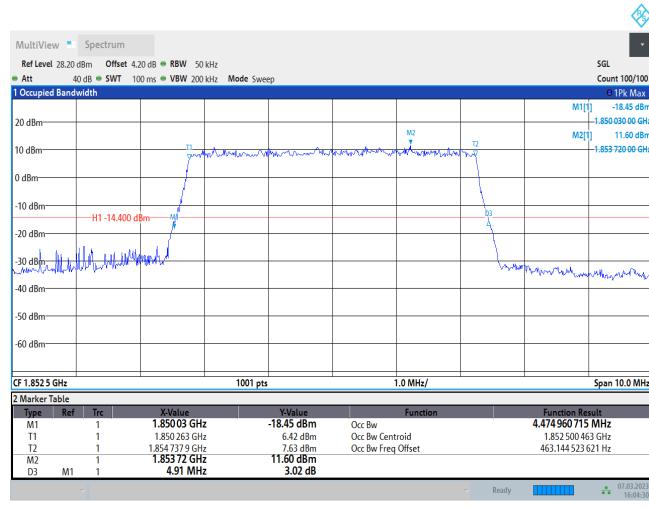
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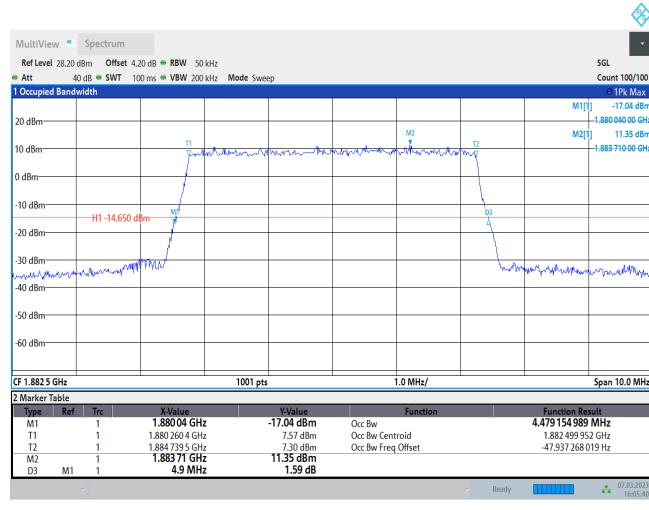
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## Band25-5MHz-64QAM-26065-25RB#0



16:04:30 07.03.2023

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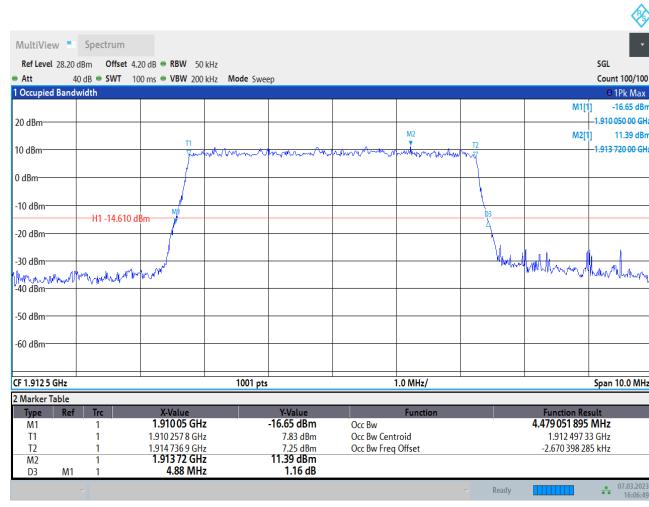
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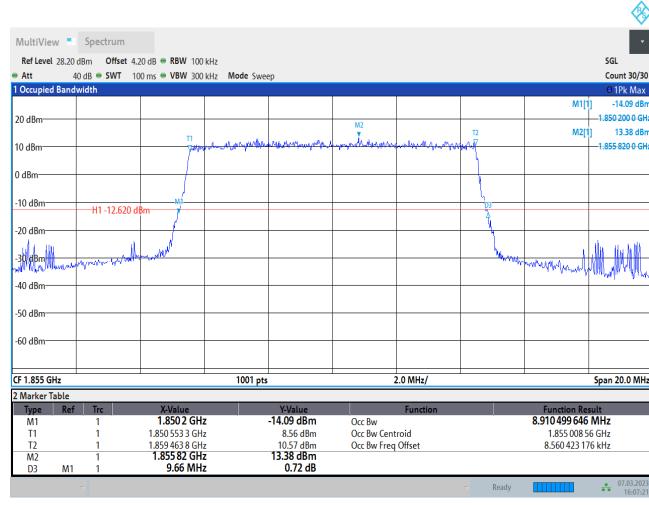
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## Band25-5MHz-64QAM-26665-25RB#0



16:06:50 07.03.2023

## Band25-10MHz-QPSK-26090-50RB#0



16:07:21 07.03.2023

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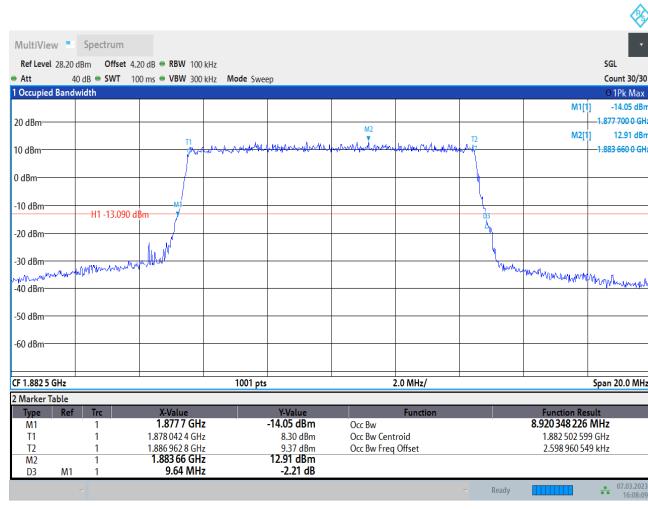
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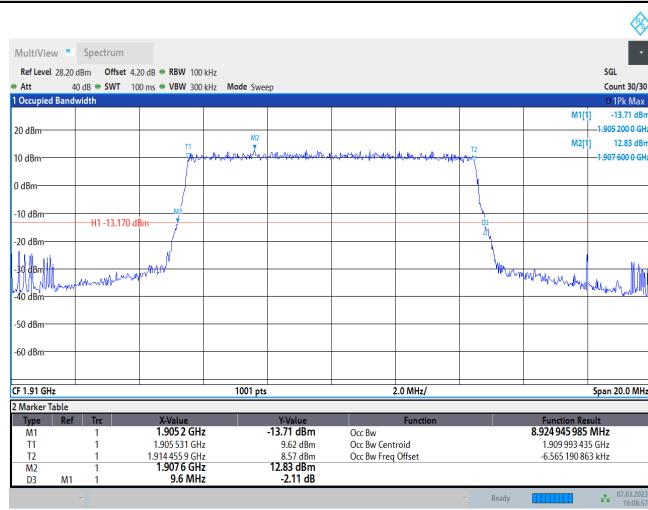
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### Band25-10MHz-QPSK-26365-50RB#0



### Band25-10MHz-QPSK-26640-50RB#0



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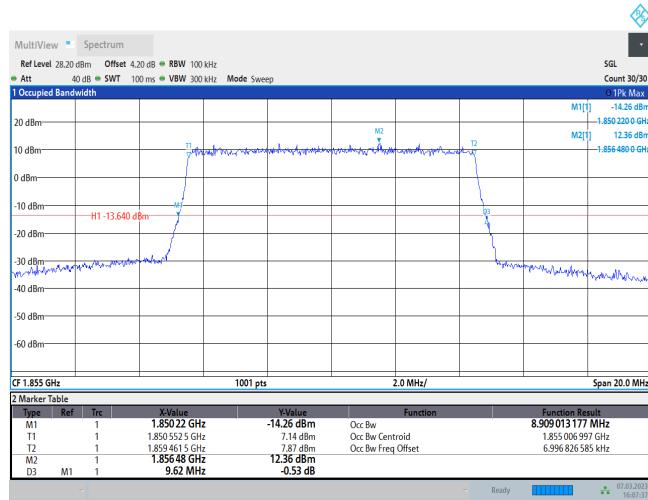
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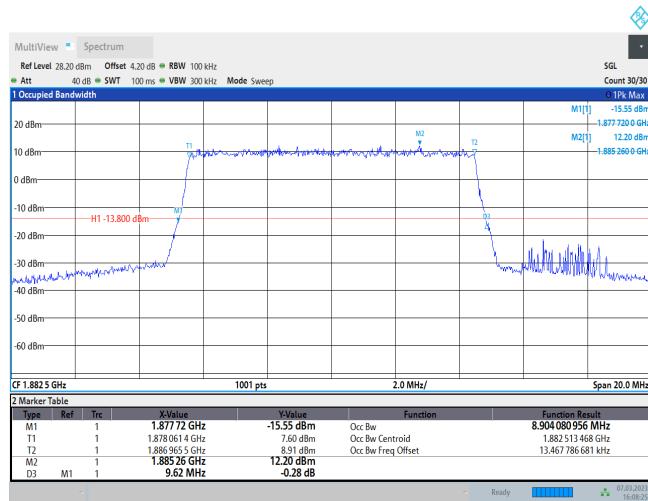
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## Band25-10MHz-16QAM-26090-50RB#0



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## Band25-10MHz-16QAM-26365-50RB#0



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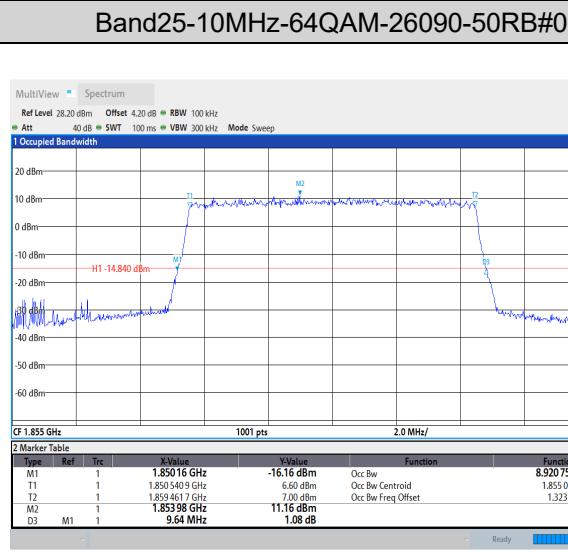
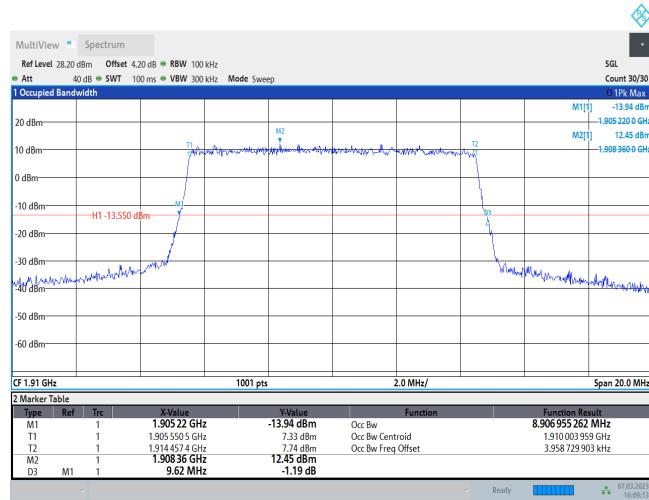
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## Band25-10MHz-16QAM-26640-50RB#0



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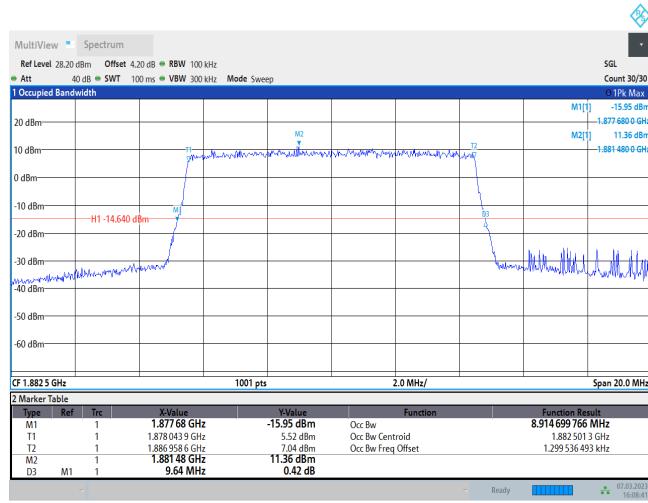
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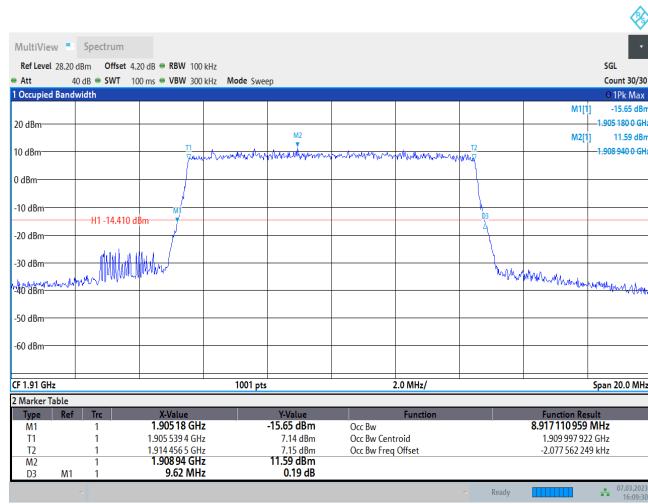
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## Band25-10MHz-64QAM-26365-50RB#0



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## Band25-10MHz-64QAM-26640-50RB#0



16:09:31 07.03.2023

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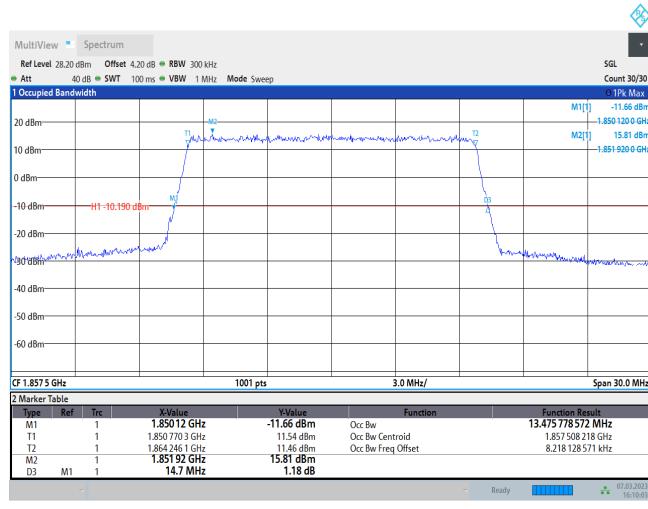
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## Band25-15MHz-QPSK-26115-75RB#0



16:10:04 07.03.2023

## Band25-15MHz-QPSK-26365-75RB#0



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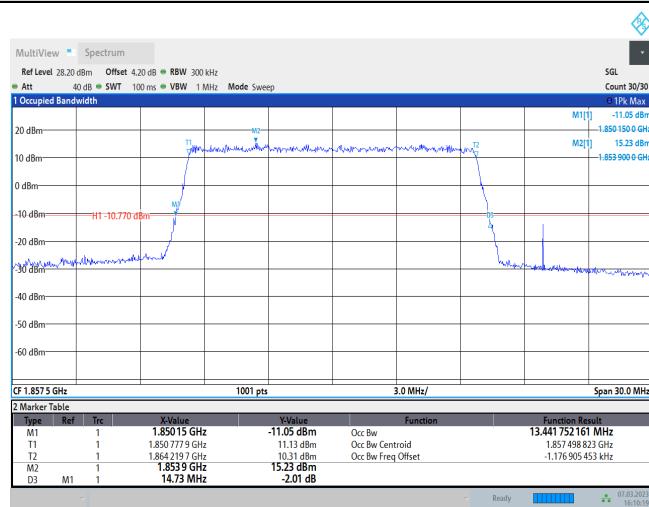
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## Band25-15MHz-QPSK-26615-75RB#0



## Band25-15MHz-16QAM-26115-75RB#0



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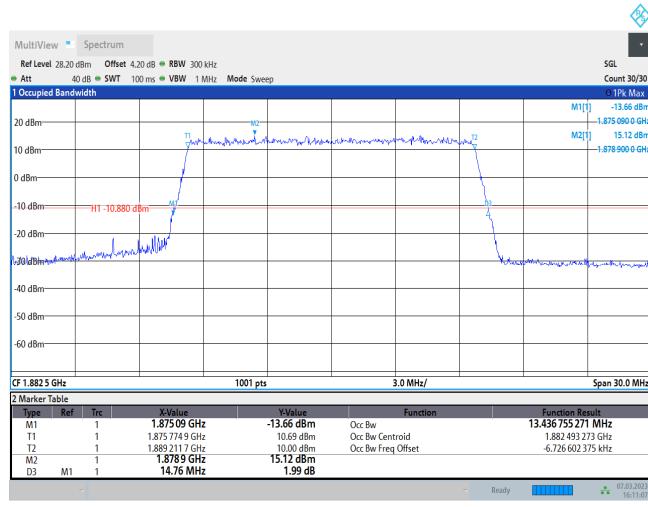
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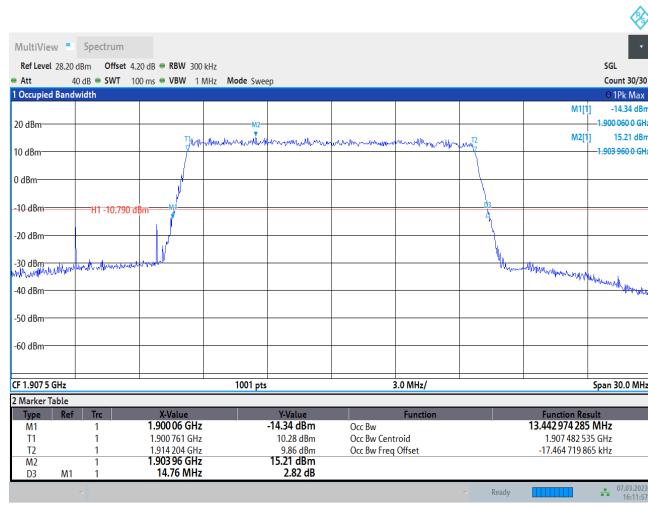
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## Band25-15MHz-16QAM-26365-75RB#0



16:11:08 07.03.2023

## Band25-15MHz-16QAM-26615-75RB#0



16:11:57 07.03.2023

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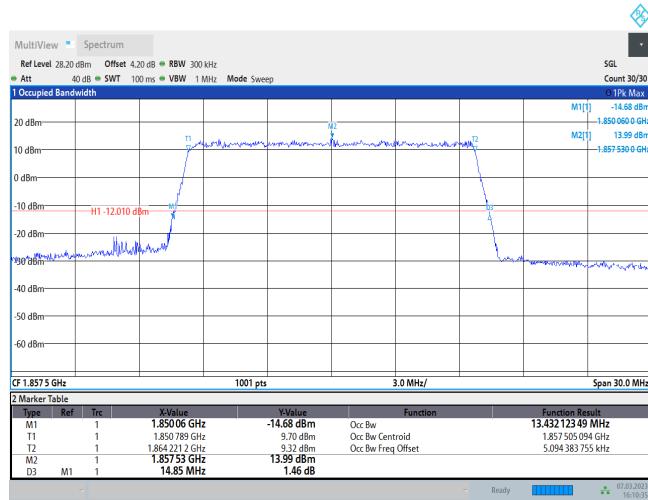


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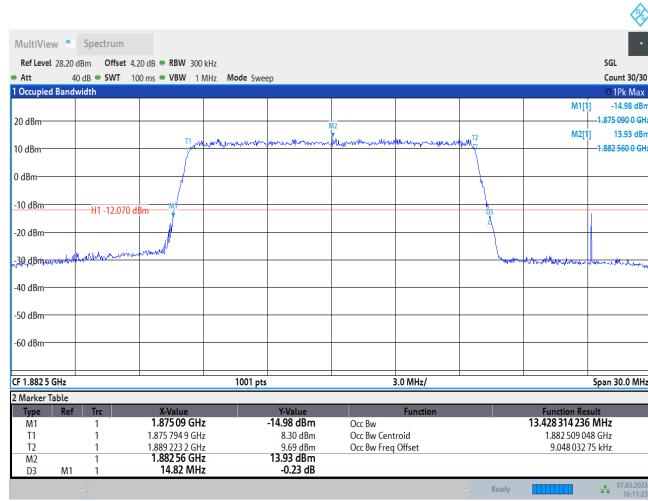
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## Band25-15MHz-64QAM-26115-75RB#0



16:10:36 07.03.2023

## Band25-15MHz-64QAM-26365-75RB#0



16:11:24 07.03.2023

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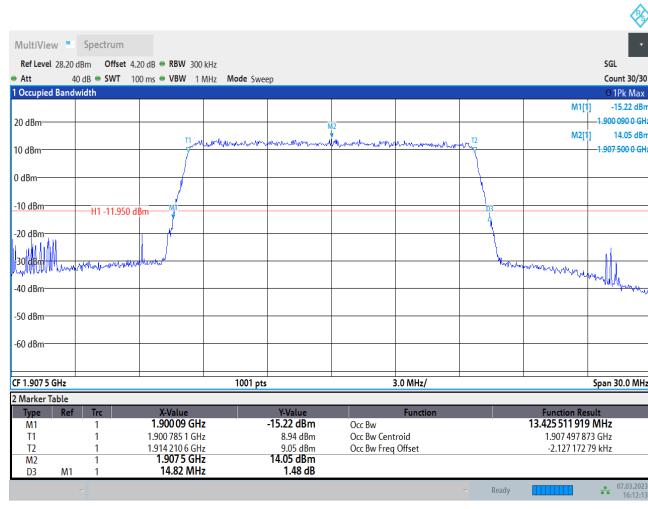
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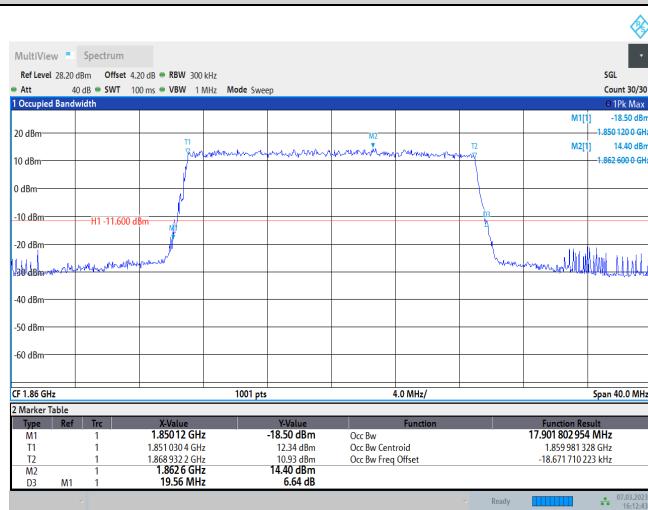
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### Band25-15MHz-64QAM-26615-75RB#0



### Band25-20MHz-QPSK-26140-100RB#0



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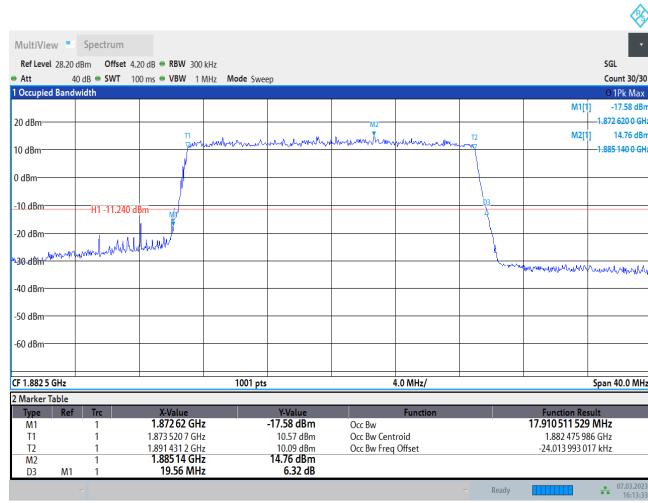
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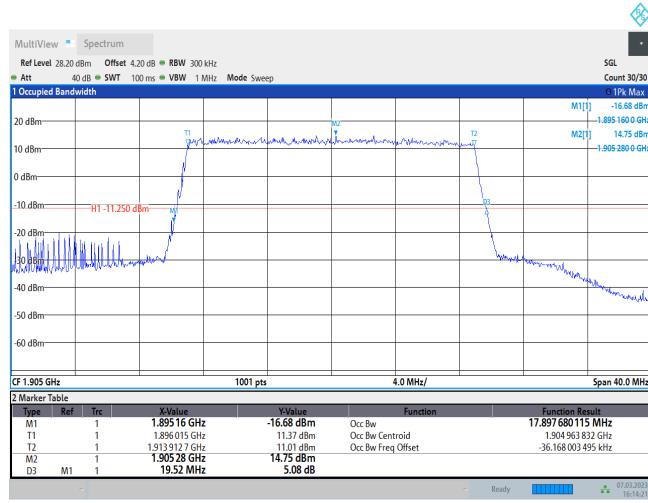
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## Band25-20MHz-QPSK-26365-100RB#0



16:13:33 07.03.2023

## Band25-20MHz-QPSK-26590-100RB#0



16:14:21 07.03.2023

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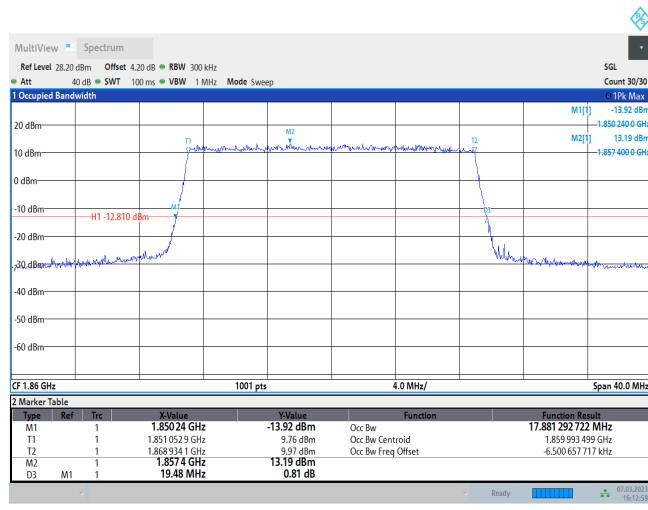
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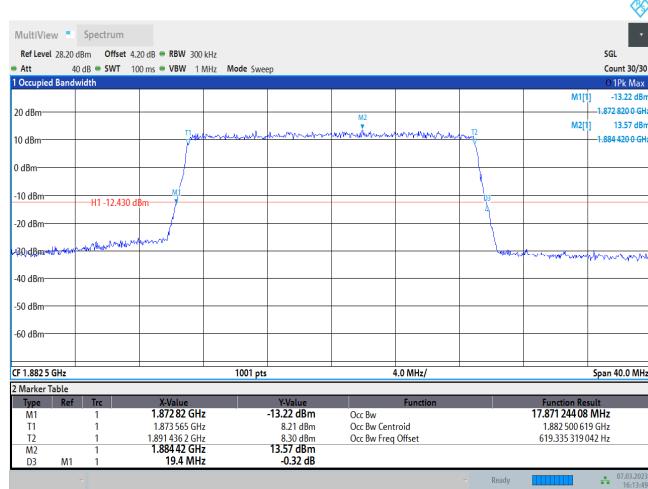
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## Band25-20MHz-16QAM-26140-100RB#0



16:13:00 07.03.2023

## Band25-20MHz-16QAM-26365-100RB#0



16:13:49 07.03.2023

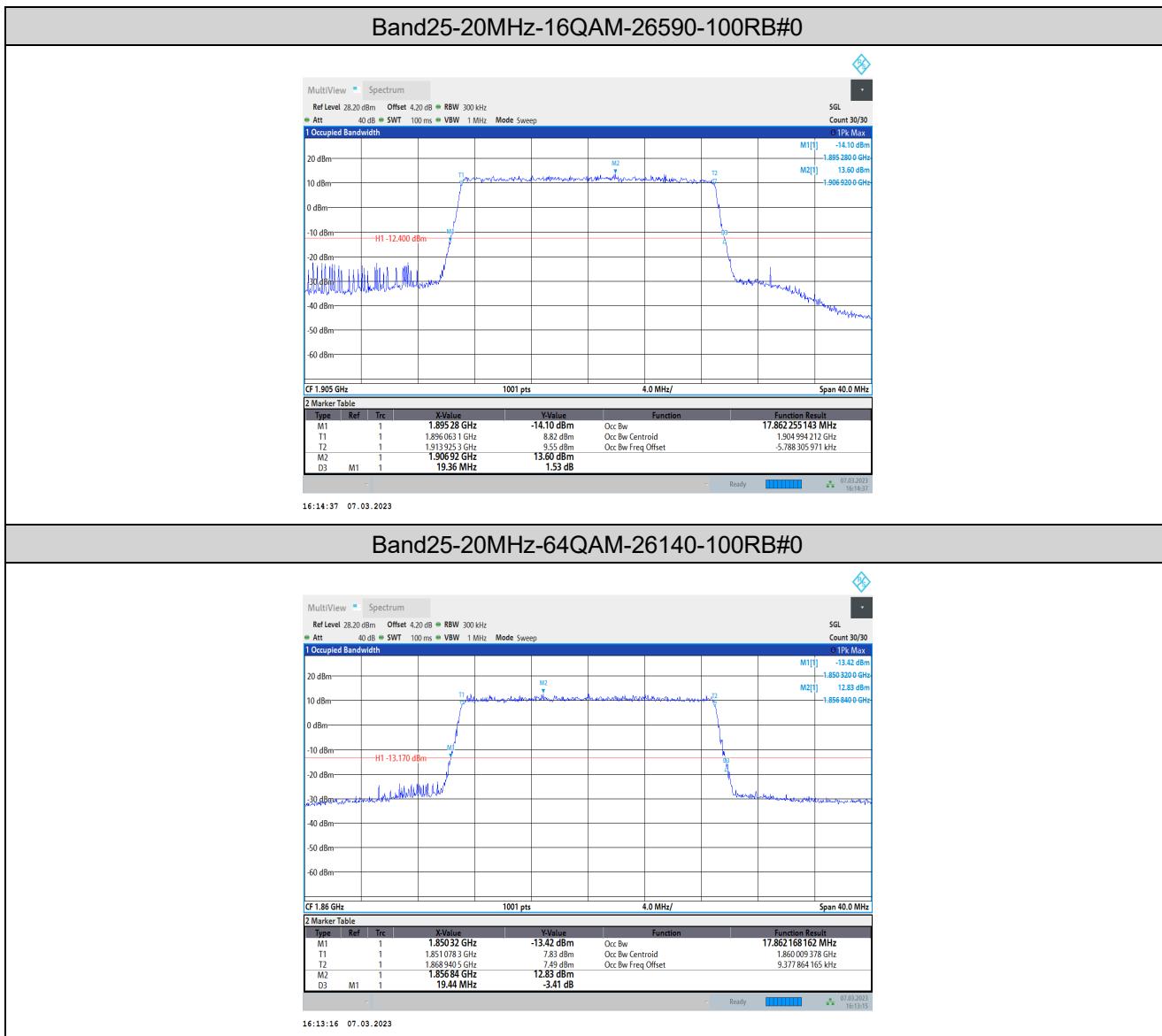
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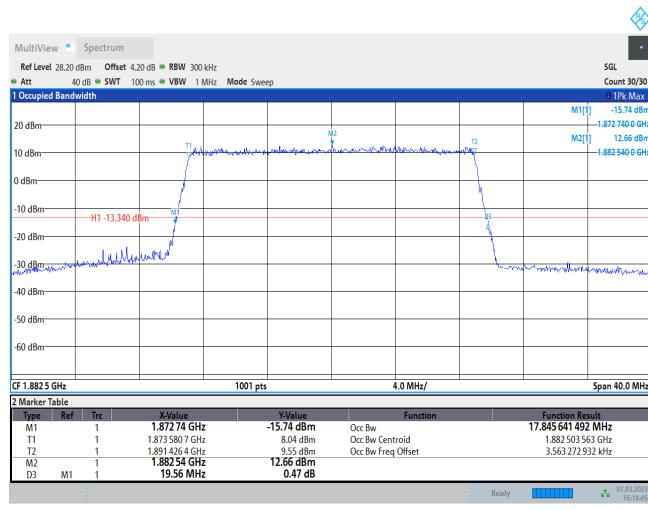


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**Band25-20MHz-64QAM-26590-100RB#0**

16:14:54 07.03.2023

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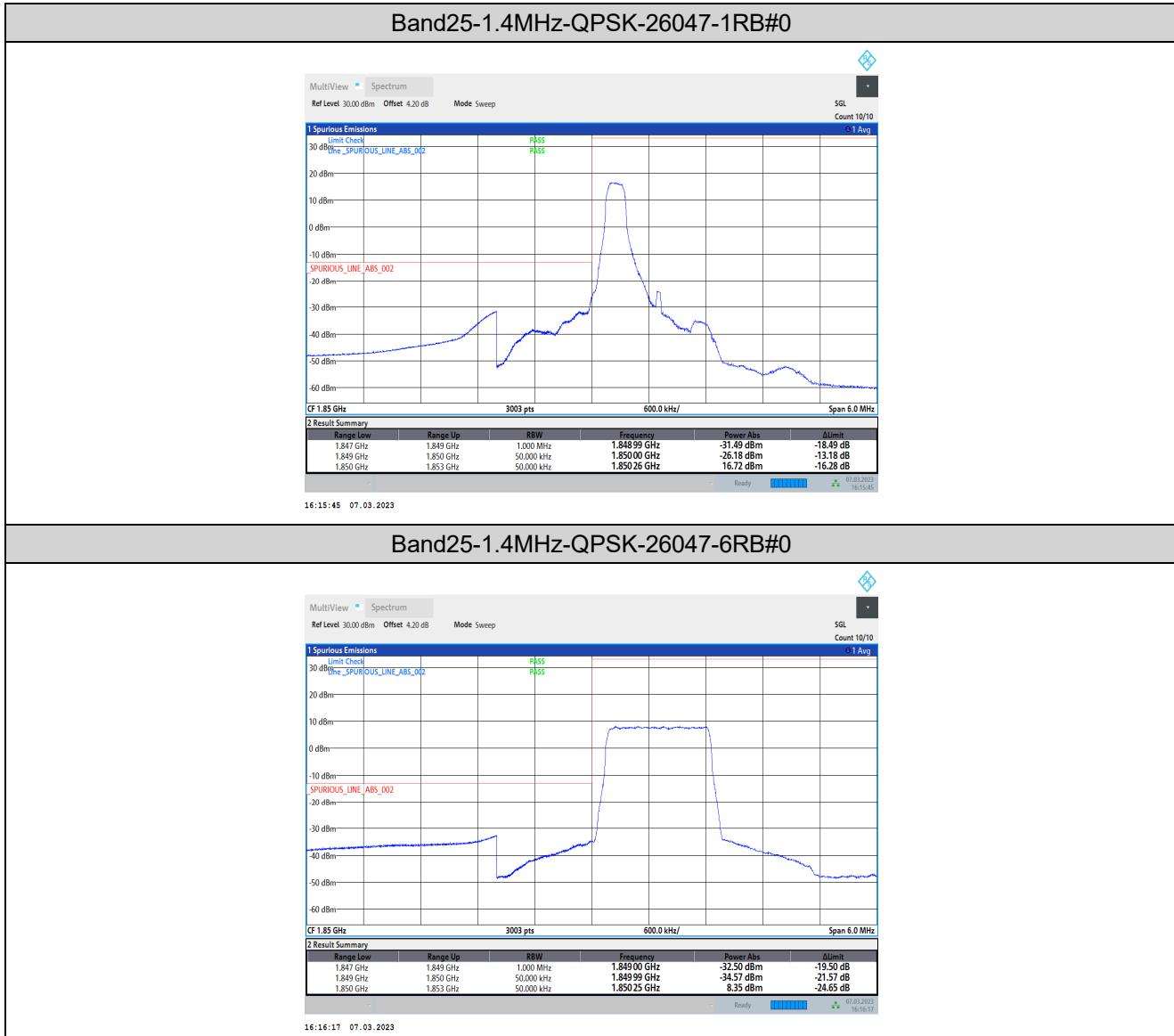


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## Band Edge

### Test Graphs



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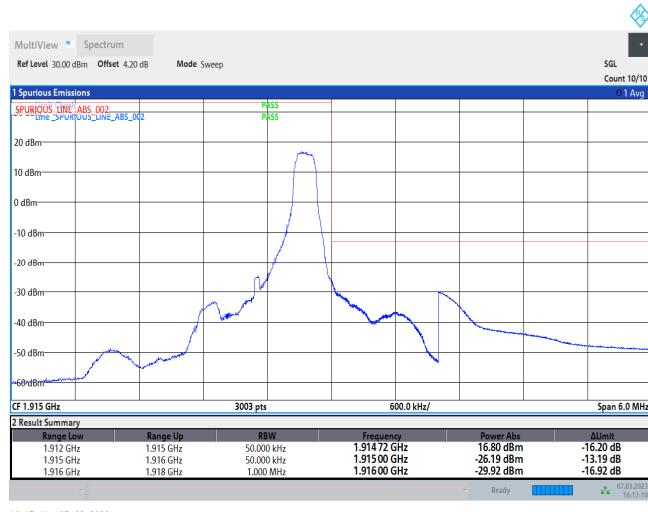
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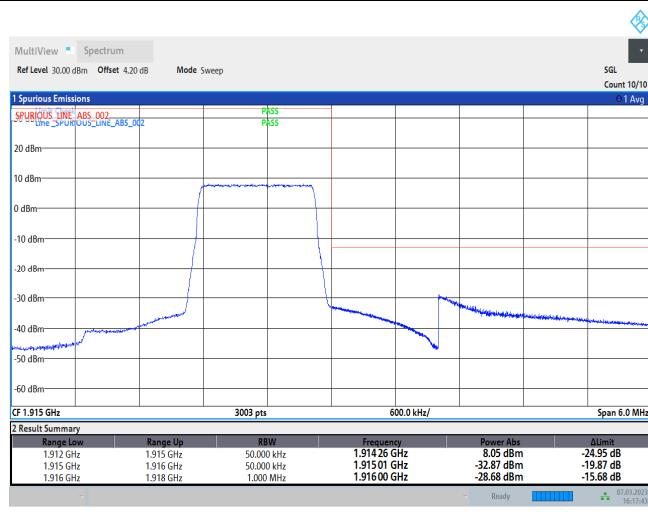
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## Band25-1.4MHz-QPSK-26683-1RB#5



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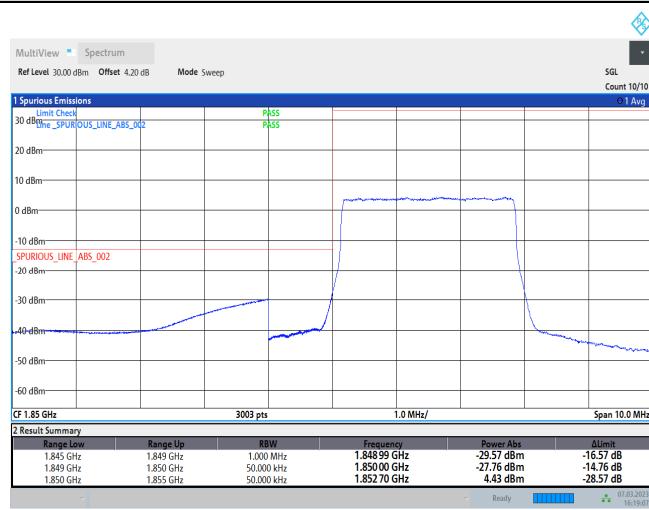
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## Band25-3MHz-QPSK-26055-1RB#0



## Band25-3MHz-QPSK-26055-15RB#0



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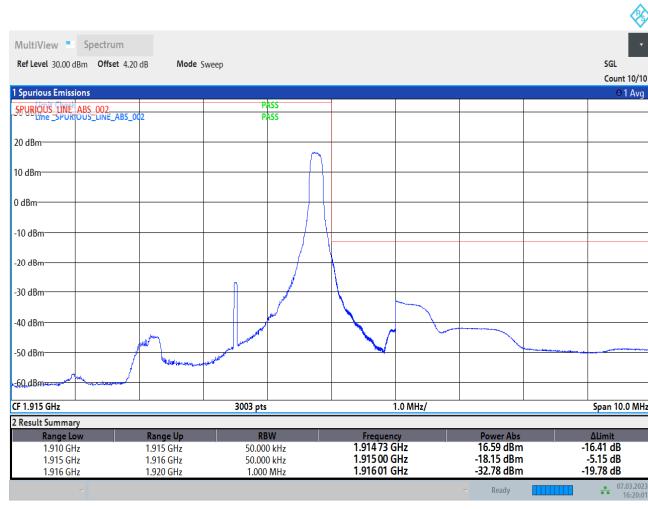
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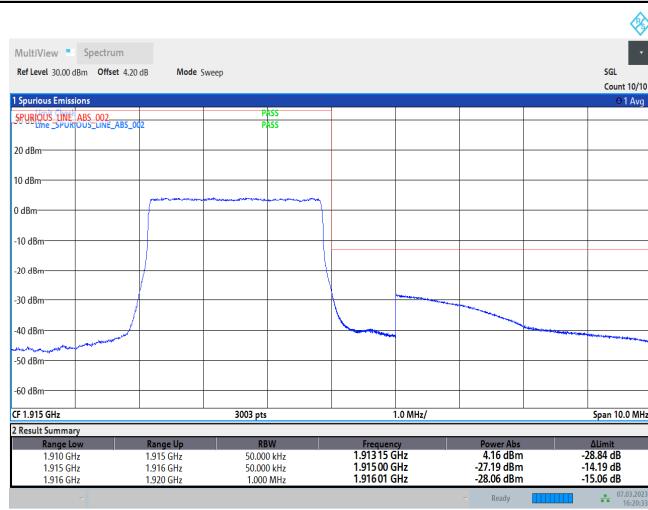
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## Band25-3MHz-QPSK-26675-15RB#0



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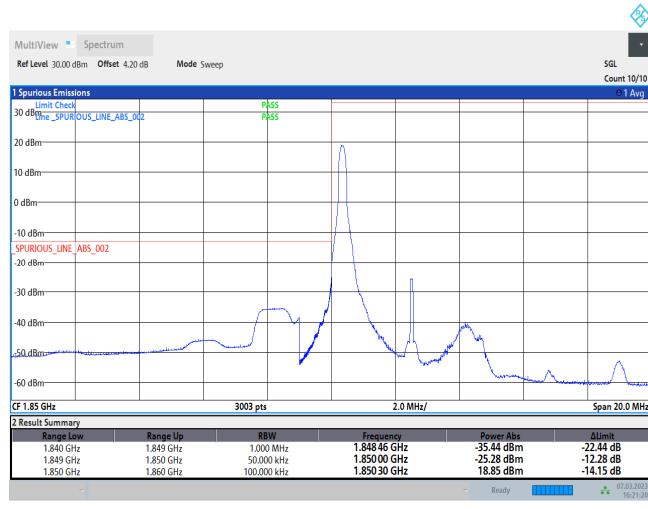


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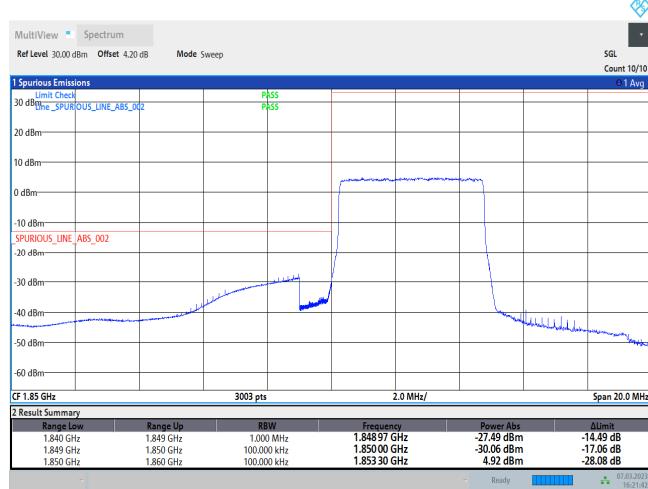
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### Band25-5MHz-QPSK-26065-1RB#0



16:21:20 07.03.2023

### Band25-5MHz-QPSK-26065-25RB#0



16:21:43 07.03.2023

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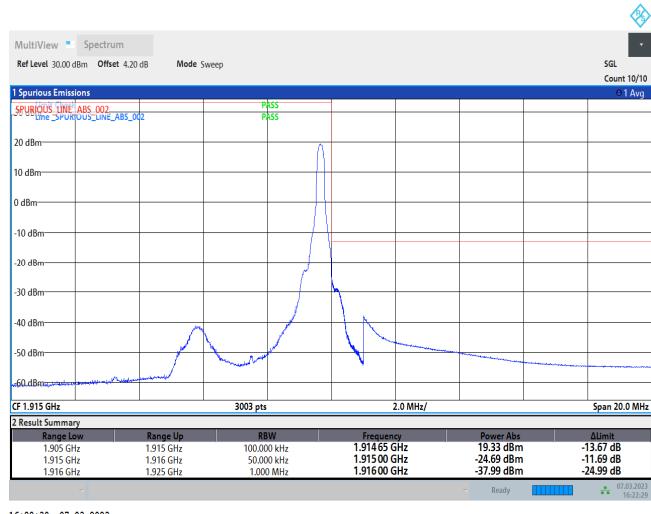


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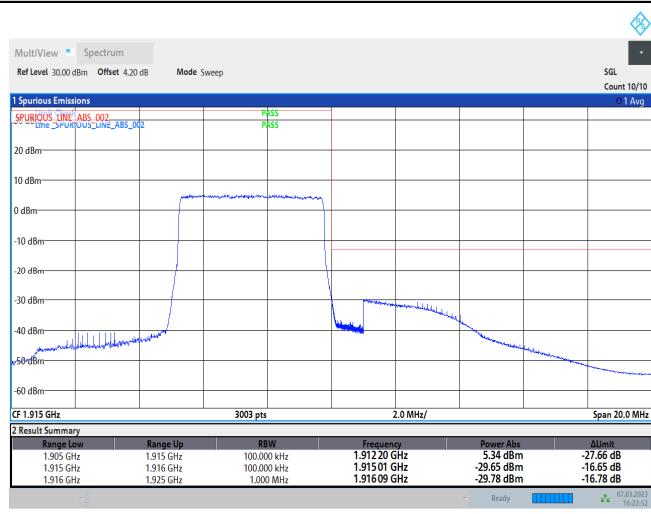
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## Band25-5MHz-QPSK-26665-1RB#24



## Band25-5MHz-QPSK-26665-25RB#0



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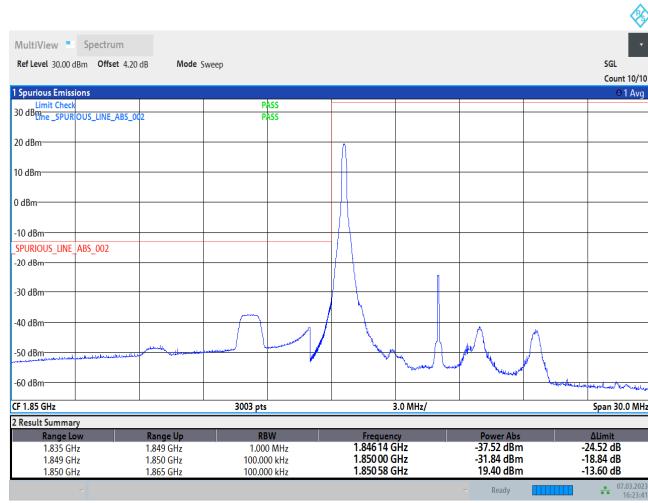
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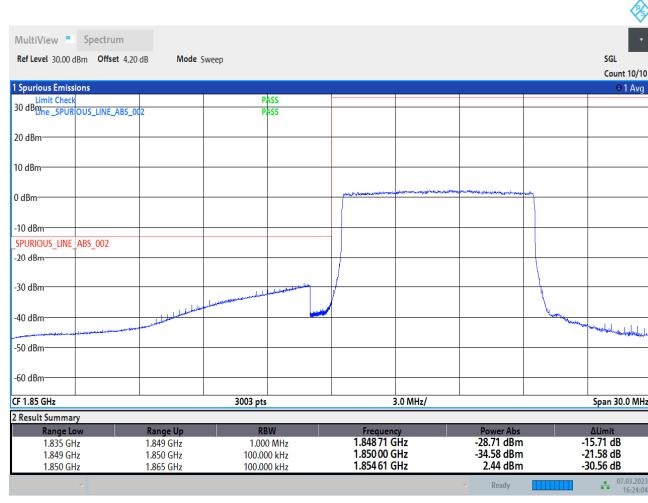
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### Band25-10MHz-QPSK-26090-1RB#0



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### Band25-10MHz-QPSK-26090-50RB#0



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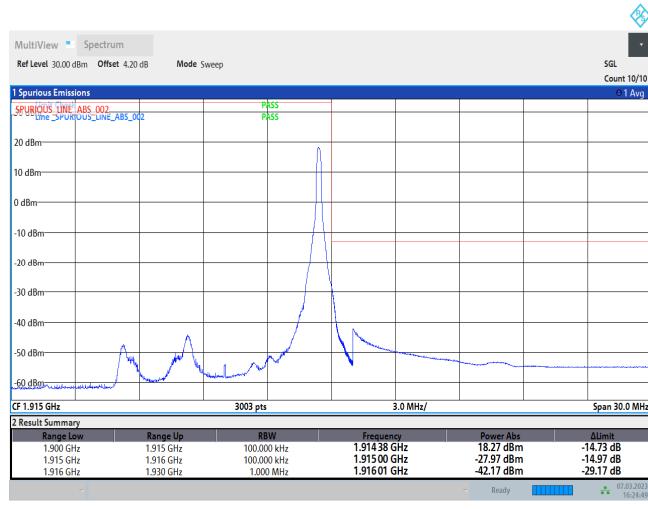
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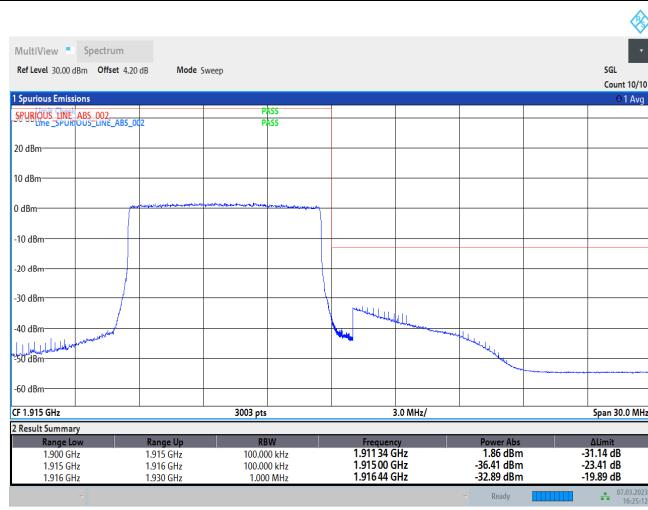
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### Band25-10MHz-QPSK-26640-1RB#49



### Band25-10MHz-QPSK-26640-50RB#0



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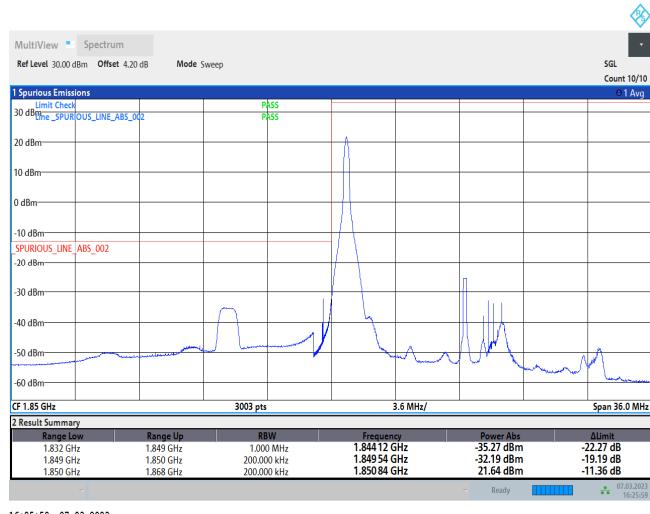
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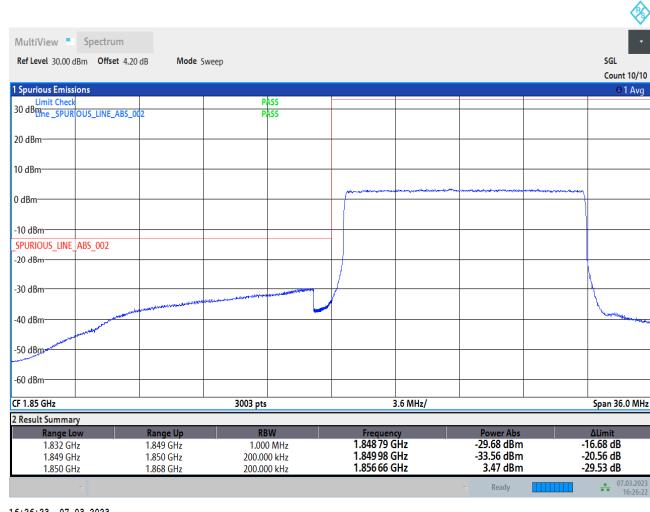
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## Band25-15MHz-QPSK-26115-1RB#0



16:25:59 07.03.2023

## Band25-15MHz-QPSK-26115-75RB#0



16:26:23 07.03.2023

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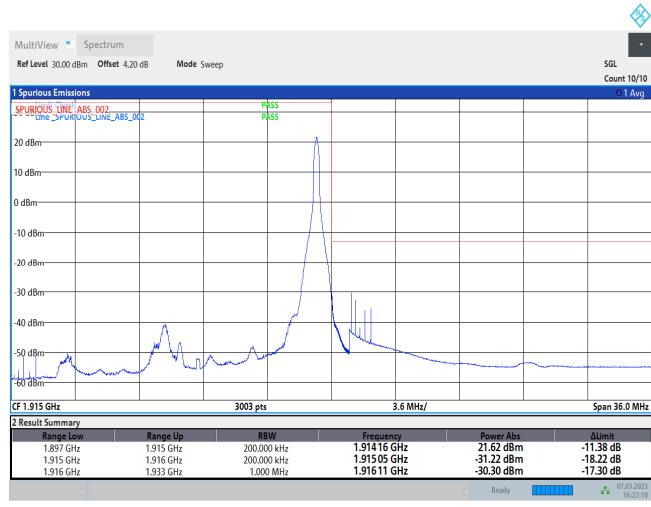


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**Band25-15MHz-QPSK-26615-1RB#74**

16:27:11 07.03.2023

**Band25-15MHz-QPSK-26615-75RB#0**

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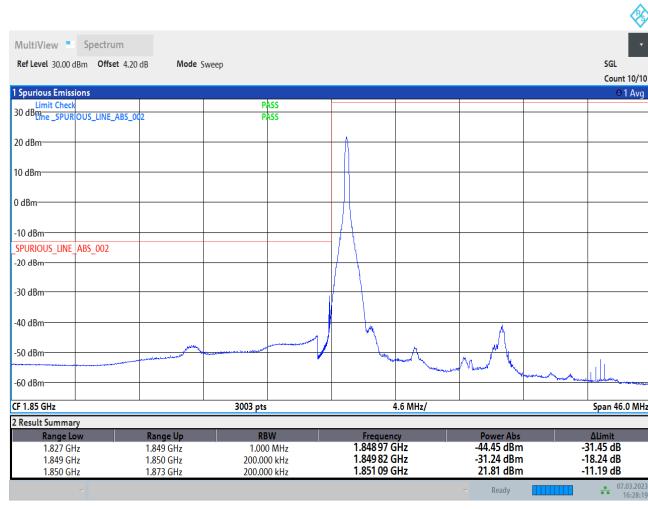


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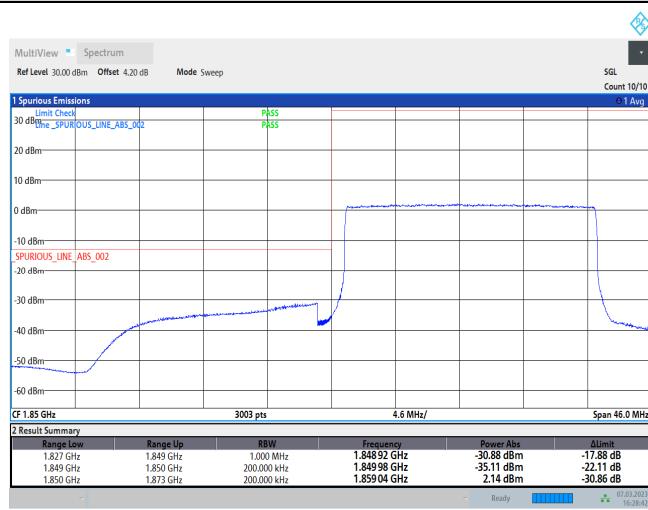
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## Band25-20MHz-QPSK-26140-1RB#0



## Band25-20MHz-QPSK-26140-100RB#0



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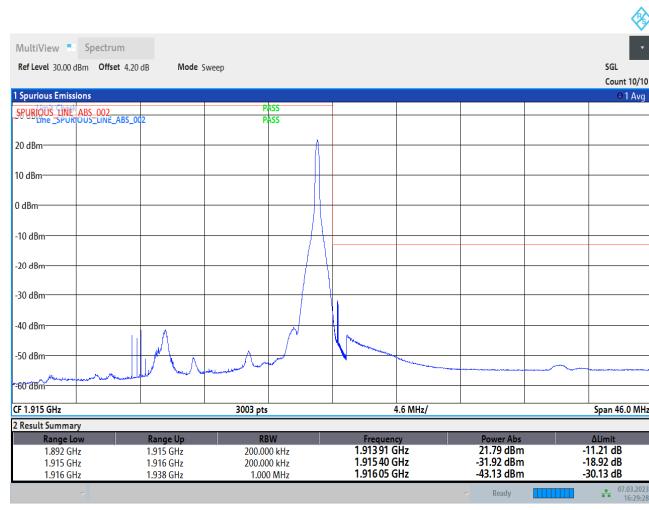
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### Band25-20MHz-QPSK-26590-1RB#99



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### Band25-20MHz-QPSK-26590-100RB#0



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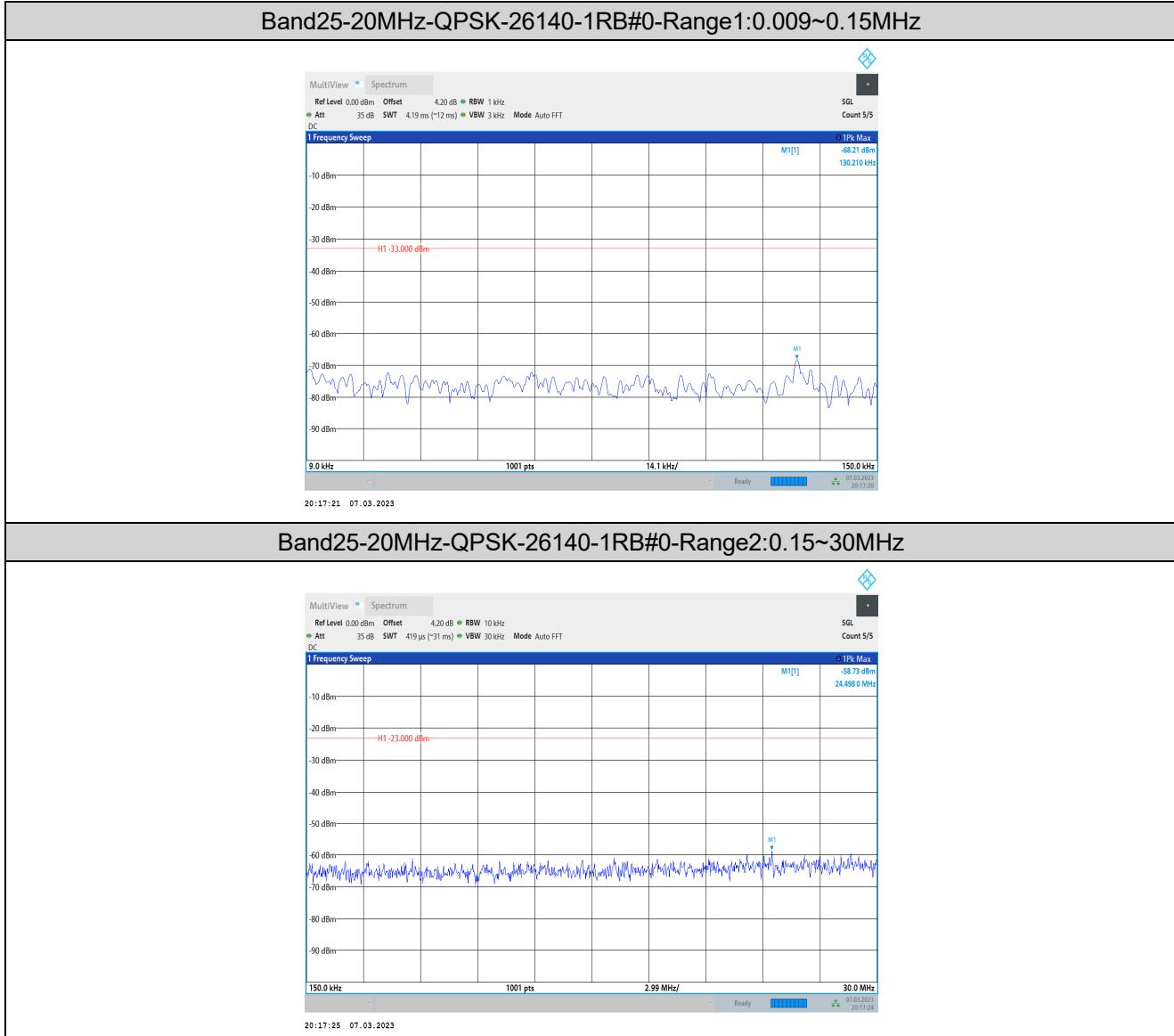
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## Conducted Spurious Emission

### Test Graphs



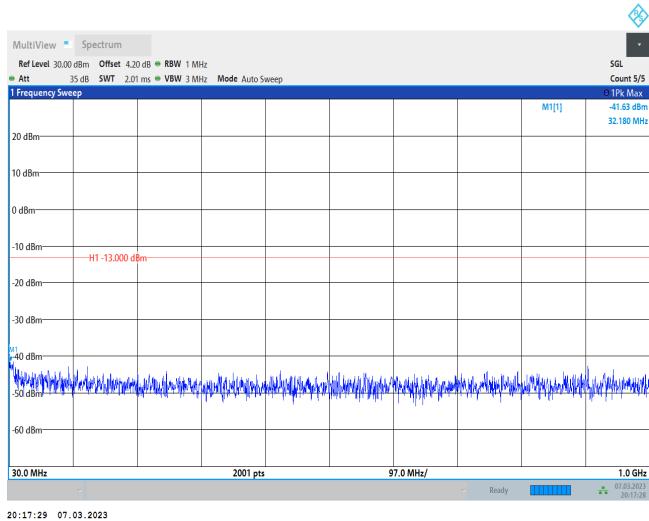
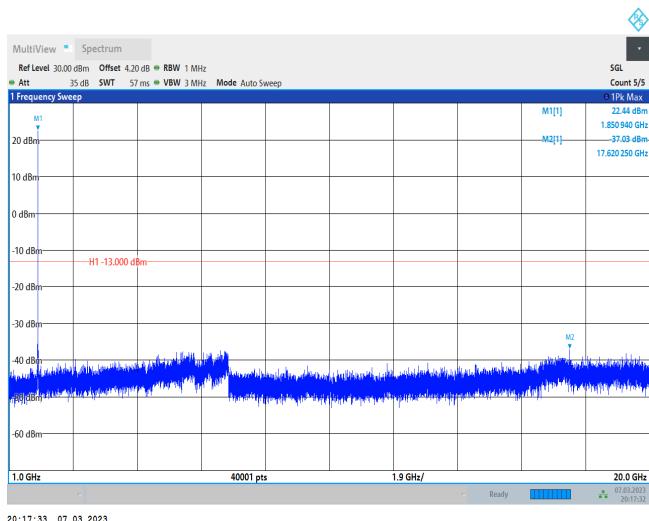
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**Band25-20MHz-QPSK-26140-1RB#0-Range3:30~1000MHz****Band25-20MHz-QPSK-26140-1RB#0-Range4:1000~20000MHz**

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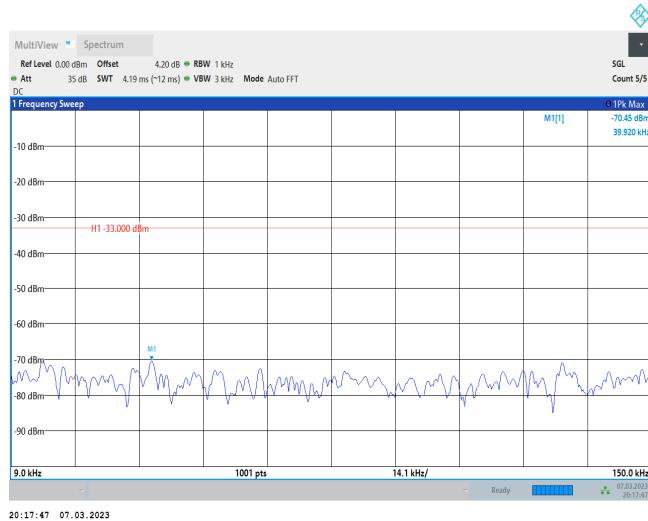


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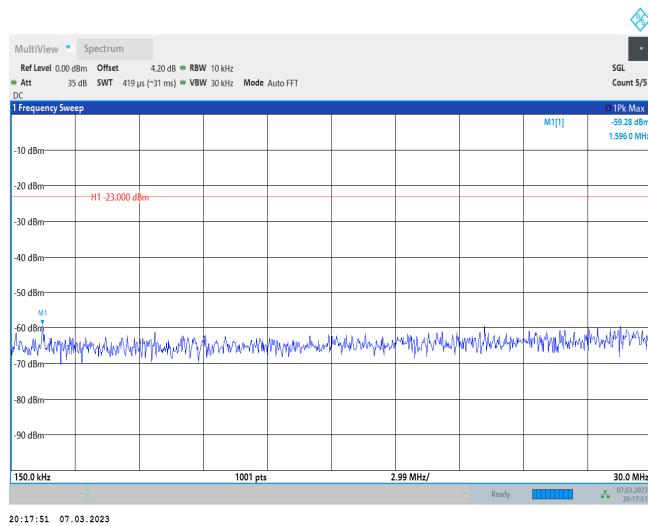
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## Band25-20MHz-QPSK-26365-1RB#0-Range1:0.009~0.15MHz



## Band25-20MHz-QPSK-26365-1RB#0-Range2:0.15~30MHz



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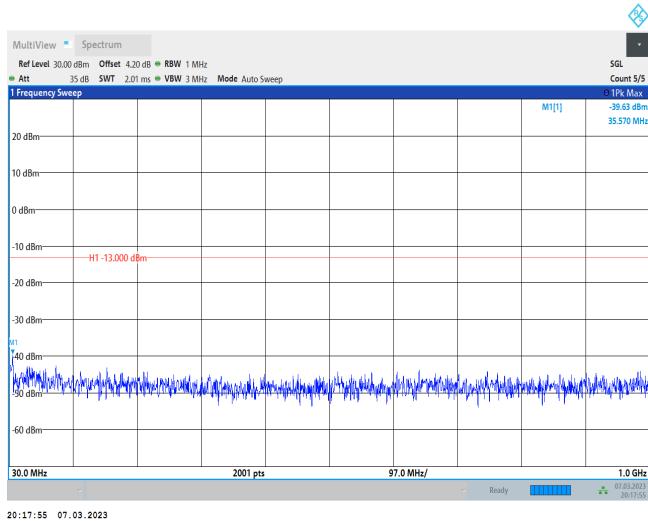
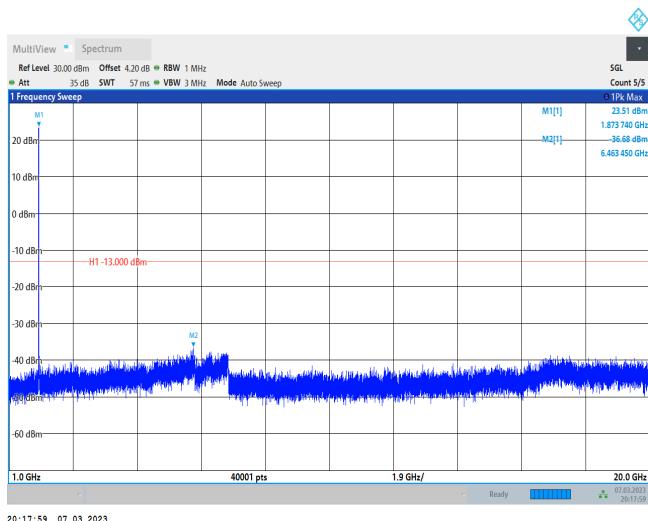
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**Band25-20MHz-QPSK-26365-1RB#0-Range3:30~1000MHz****Band25-20MHz-QPSK-26365-1RB#0-Range4:1000~20000MHz**

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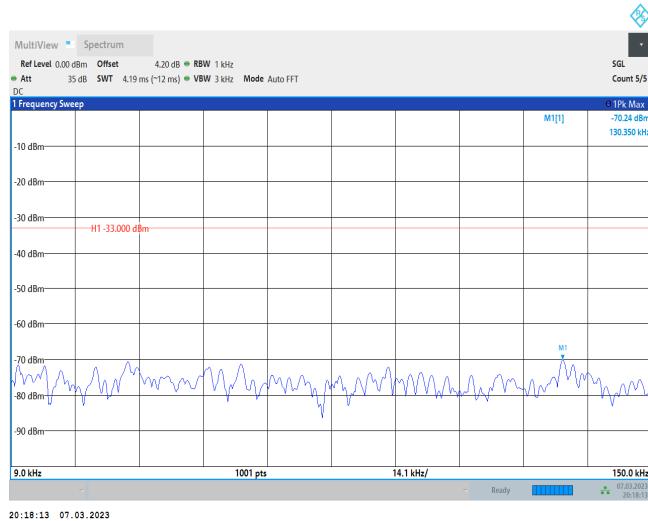
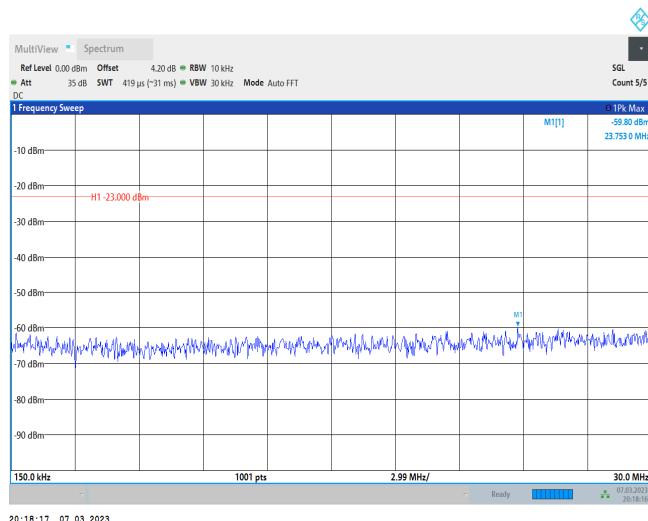
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**Band25-20MHz-QPSK-26590-1RB#0-Range1:0.009~0.15MHz****Band25-20MHz-QPSK-26590-1RB#0-Range2:0.15~30MHz**

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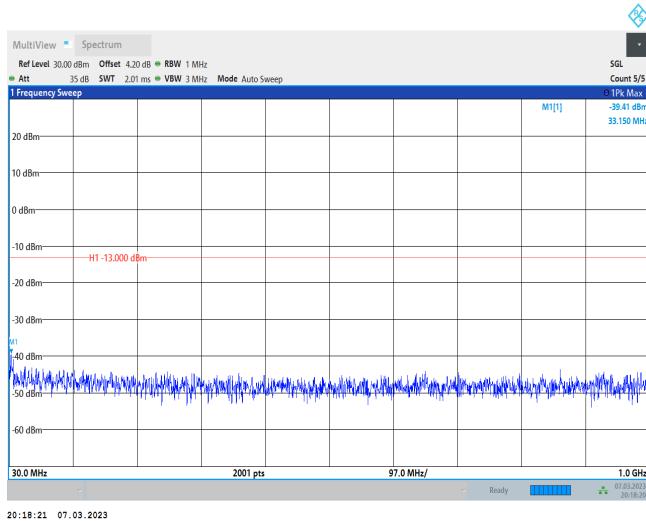
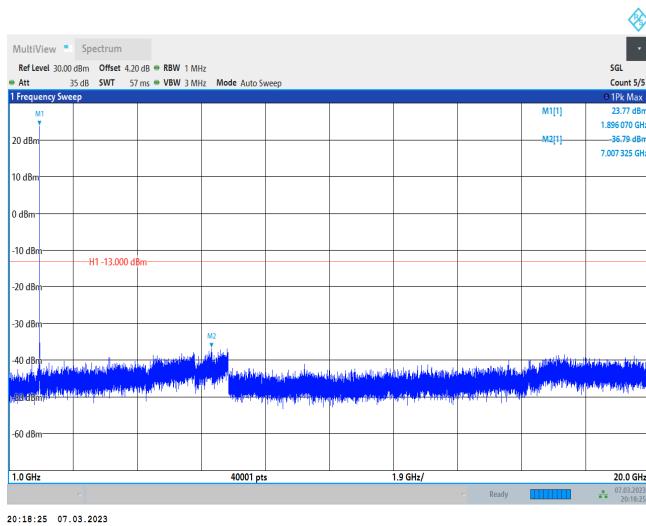
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**Band25-20MHz-QPSK-26590-1RB#0-Range3:30~1000MHz****Band25-20MHz-QPSK-26590-1RB#0-Range4:1000~20000MHz**

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**Field Strength of Spurious Radiation****Test Band = LTE Band 25\_ TM1****Test Channel = Low Channel**

<b>Final Data List</b>										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	41.94	-45.69	29.89	-69.13	-13.00	56.13	142	359	Horizontal
2	5553.27	41.16	-43.87	32.77	-65.20	-13.00	52.20	296	15	Horizontal
3	7404.36	38.58	-41.96	36.44	-62.20	-13.00	49.20	285	216	Horizontal
4	9255.45	33.52	-38.39	38.57	-61.56	-13.00	48.56	241	66	Horizontal
5	11106.54	32.42	-35.35	39.49	-58.70	-13.00	45.70	142	66	Horizontal
6	12957.63	33.88	-34.89	39.56	-56.72	-13.00	43.72	263	164	Horizontal

<b>Final Data List</b>										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	43.55	-45.69	29.89	-67.52	-13.00	54.52	296	199	Vertical
2	5553.27	41.81	-43.87	32.77	-64.55	-13.00	51.55	265	149	Vertical
3	7404.36	38.45	-41.96	36.44	-62.33	-13.00	49.33	284	182	Vertical
4	9255.45	33.84	-38.39	38.57	-61.24	-13.00	48.24	142	149	Vertical
5	11106.54	31.79	-35.35	39.49	-59.33	-13.00	46.33	263	47	Vertical
6	12957.63	33.18	-34.89	39.56	-57.42	-13.00	44.42	228	132	Vertical

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**Test Band = LTE Band 25\_ TM1**

**Test Channel = Mid Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	41.41	-45.59	29.98	-69.45	-13.00	56.45	285	264	Horizontal
2	5613.27	40.81	-43.84	32.96	-65.33	-13.00	52.33	241	328	Horizontal
3	7484.36	38.77	-41.66	36.49	-61.66	-13.00	48.66	142	360	Horizontal
4	9355.45	34.54	-38.26	38.56	-60.42	-13.00	47.42	263	215	Horizontal
5	11226.54	32.89	-35.07	39.37	-58.06	-13.00	45.06	225	3	Horizontal
6	13097.63	32.35	-34.47	39.66	-57.72	-13.00	44.72	296	95	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	41.66	-45.59	29.98	-69.20	-13.00	56.20	185	163	Vertical
2	5613.27	40.62	-43.84	32.96	-65.52	-13.00	52.52	241	95	Vertical
3	7484.36	38.78	-41.66	36.49	-61.65	-13.00	48.65	142	163	Vertical
4	9355.45	35.46	-38.26	38.56	-59.50	-13.00	46.50	263	312	Vertical
5	11226.54	32.69	-35.07	39.37	-58.26	-13.00	45.26	225	163	Vertical
6	13097.63	32.25	-34.47	39.66	-57.82	-13.00	44.82	286	3	Vertical

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## Test Band = LTE Band 25\_ 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	3792.18	41.13	-45.45	30.10	-69.48	-13.00	56.48	296	326	Horizontal
2	5688.27	41.33	-43.75	33.20	-64.48	-13.00	51.48	265	205	Horizontal
3	7584.36	37.72	-41.31	36.67	-62.18	-13.00	49.18	241	152	Horizontal
4	9480.45	34.91	-38.15	38.55	-59.95	-13.00	46.95	142	359	Horizontal
5	11376.54	31.81	-35.48	39.22	-59.71	-13.00	46.71	263	340	Horizontal
6	13272.63	31.67	-35.12	39.76	-58.94	-13.00	45.94	224	205	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	42.31	-45.45	30.10	-68.30	-13.00	55.30	241	264	Vertical
2	5688.27	41.42	-43.75	33.20	-64.39	-13.00	51.39	152	3	Vertical
3	7584.36	37.76	-41.31	36.67	-62.14	-13.00	49.14	263	230	Vertical
4	9480.45	35.11	-38.15	38.55	-59.75	-13.00	46.75	225	280	Vertical
5	11376.54	32.08	-35.48	39.22	-59.44	-13.00	46.44	241	346	Vertical
6	13272.63	31.93	-35.12	39.76	-58.68	-13.00	45.68	142	280	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
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	3.70	0.001965	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	-7.80	-0.004143	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	5.30	0.002815	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	-3.40	-0.001806	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	-7.50	-0.003984	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-10	2.90	0.001541	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	-8.00	-0.004250	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	0.80	0.000425	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	-10.80	-0.005737	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	6.40	0.003400	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	5.70	0.003028	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	-10.60	-0.005631	PASS

---End of Attachment---

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