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Appendix B.8

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	23.07	22.85	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.18	22.96	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.01	22.79	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.21	21.99	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.39	22.17	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.59	22.37	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.44	22.22	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.32	21.1	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	22.39	22.17	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	22.41	22.19	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.24	22.02	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.29	21.07	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.23	22.01	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.19	21.97	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.1	21.88	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.21	20.99	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	20.52	20.3	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	20.66	20.44	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	20.51	20.29	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.52	20.3	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	20.55	20.33	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	20.73	20.51	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	20.6	20.38	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	20.46	20.24	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	20.63	20.41	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#2	20.76	20.54	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#5	20.55	20.33	33	PASS



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Band25	1.4MHz	64QAM	26047	6RB#0	20.5	20.28	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#0	23.21	22.99	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#2	23.2	22.98	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#5	23.24	23.02	33	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	22.23	22.01	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	23.15	22.93	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#2	23.12	22.9	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	23.13	22.91	33	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	22.17	21.95	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.13	22.91	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.12	22.9	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.09	22.87	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.19	21.97	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.42	22.2	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.44	22.22	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.52	22.3	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.27	21.05	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.32	22.1	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	22.27	22.05	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	22.42	22.2	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.21	20.99	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.24	22.02	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.23	22.01	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.14	21.92	33	PASS
Band25	3MHz	16QAM	26055	15RB#0	21.14	20.92	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	20.58	20.36	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	20.64	20.42	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	20.54	20.32	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	20.47	20.25	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	20.58	20.36	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	20.61	20.39	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	20.63	20.41	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	20.43	20.21	33	PASS



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Band25	3MHz	64QAM	26055	1RB#0	20.57	20.35	33	PASS
Band25	3MHz	64QAM	26055	1RB#8	20.64	20.42	33	PASS
Band25	3MHz	64QAM	26055	1RB#14	20.61	20.39	33	PASS
Band25	3MHz	64QAM	26055	15RB#0	20.49	20.27	33	PASS
Band25	3MHz	64QAM	26365	1RB#0	23.1	22.88	33	PASS
Band25	3MHz	64QAM	26365	1RB#8	23.4	23.18	33	PASS
Band25	3MHz	64QAM	26365	1RB#14	23.15	22.93	33	PASS
Band25	3MHz	64QAM	26365	15RB#0	22.25	22.03	33	PASS
Band25	3MHz	64QAM	26675	1RB#0	23.04	22.82	33	PASS
Band25	3MHz	64QAM	26675	1RB#8	23.28	23.06	33	PASS
Band25	3MHz	64QAM	26675	1RB#14	23.07	22.85	33	PASS
Band25	3MHz	64QAM	26675	15RB#0	22.21	21.99	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.06	22.84	33	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.26	23.04	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.97	22.75	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.2	21.98	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	22.29	22.07	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.7	22.48	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.39	22.17	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.28	21.06	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.35	22.13	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.5	22.28	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.2	21.98	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	21.24	21.02	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.29	22.07	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.39	22.17	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.97	21.75	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.17	20.95	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	20.54	20.32	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	20.8	20.58	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	20.57	20.35	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	20.48	20.26	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	20.46	20.24	33	PASS



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Band25	5MHz	16QAM	26665	1RB#12	20.66	20.44	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	20.51	20.29	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.51	20.29	33	PASS
Band25	5MHz	64QAM	26065	1RB#0	20.57	20.35	33	PASS
Band25	5MHz	64QAM	26065	1RB#12	20.76	20.54	33	PASS
Band25	5MHz	64QAM	26065	1RB#24	20.46	20.24	33	PASS
Band25	5MHz	64QAM	26065	25RB#0	20.54	20.32	33	PASS
Band25	5MHz	64QAM	26365	1RB#0	23.2	22.98	33	PASS
Band25	5MHz	64QAM	26365	1RB#12	23.35	23.13	33	PASS
Band25	5MHz	64QAM	26365	1RB#24	23.21	22.99	33	PASS
Band25	5MHz	64QAM	26365	25RB#0	22.32	22.1	33	PASS
Band25	5MHz	64QAM	26665	1RB#0	23.12	22.9	33	PASS
Band25	5MHz	64QAM	26665	1RB#12	23.27	23.05	33	PASS
Band25	5MHz	64QAM	26665	1RB#24	23.16	22.94	33	PASS
Band25	5MHz	64QAM	26665	25RB#0	22.29	22.07	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.11	22.89	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.28	23.06	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.08	22.86	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.34	22.12	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.43	22.21	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.63	22.41	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.43	22.21	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.35	21.13	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	22.39	22.17	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.46	22.24	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	22.35	22.13	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.31	21.09	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.32	22.1	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.43	22.21	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.09	21.87	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.34	21.12	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	20.61	20.39	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	20.63	20.41	33	PASS



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Band25	10MHz	16QAM	26365	50RB#0	20.54	20.32	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	20.59	20.37	33	PASS
Band25	10MHz	16QAM	26640	1RB#24	20.69	20.47	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	20.6	20.38	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	20.56	20.34	33	PASS
Band25	10MHz	64QAM	26090	1RB#0	20.64	20.42	33	PASS
Band25	10MHz	64QAM	26090	1RB#24	20.72	20.5	33	PASS
Band25	10MHz	64QAM	26090	1RB#49	20.49	20.27	33	PASS
Band25	10MHz	64QAM	26090	50RB#0	20.62	20.4	33	PASS
Band25	10MHz	64QAM	26365	1RB#0	23.07	22.85	33	PASS
Band25	10MHz	64QAM	26365	1RB#24	23.26	23.04	33	PASS
Band25	10MHz	64QAM	26365	1RB#49	23.07	22.85	33	PASS
Band25	10MHz	64QAM	26365	50RB#0	22.28	22.06	33	PASS
Band25	10MHz	64QAM	26640	1RB#0	23.04	22.82	33	PASS
Band25	10MHz	64QAM	26640	1RB#24	23.15	22.93	33	PASS
Band25	10MHz	64QAM	26640	1RB#49	23.08	22.86	33	PASS
Band25	10MHz	64QAM	26640	50RB#0	22.25	22.03	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.06	22.84	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.17	22.95	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.04	22.82	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.27	22.05	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.35	22.13	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.44	22.22	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.24	22.02	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	21.3	21.08	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.27	22.05	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.46	22.24	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	22.39	22.17	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	21.27	21.05	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.19	21.97	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.29	22.07	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.09	21.87	33	PASS



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Band25	15MHz	16QAM	26115	75RB#0	21.28	21.06	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	20.49	20.27	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	20.71	20.49	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	20.45	20.23	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	20.52	20.3	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	20.44	20.22	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	20.62	20.4	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	20.61	20.39	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	20.54	20.32	33	PASS
Band25	15MHz	64QAM	26115	1RB#0	20.53	20.31	33	PASS
Band25	15MHz	64QAM	26115	1RB#38	20.62	20.4	33	PASS
Band25	15MHz	64QAM	26115	1RB#74	20.53	20.31	33	PASS
Band25	15MHz	64QAM	26115	75RB#0	20.53	20.31	33	PASS
Band25	15MHz	64QAM	26365	1RB#0	22.9	22.68	33	PASS
Band25	15MHz	64QAM	26365	1RB#38	23.32	23.1	33	PASS
Band25	15MHz	64QAM	26365	1RB#74	22.91	22.69	33	PASS
Band25	15MHz	64QAM	26365	75RB#0	22.26	22.04	33	PASS
Band25	15MHz	64QAM	26615	1RB#0	22.83	22.61	33	PASS
Band25	15MHz	64QAM	26615	1RB#38	23.22	23	33	PASS
Band25	15MHz	64QAM	26615	1RB#74	22.95	22.73	33	PASS
Band25	15MHz	64QAM	26615	75RB#0	22.25	22.03	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	22.85	22.63	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.2	22.98	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	22.88	22.66	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.13	21.91	33	PASS
Band25	20MHz	QPSK	26365	1RB#0	22.18	21.96	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	22.55	22.33	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	22.19	21.97	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	21.25	21.03	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	22.01	21.79	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	22.41	22.19	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	22.22	22	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	21.29	21.07	33	PASS



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Band25	20MHz	16QAM	26140	1RB#0	22.13	21.91	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.42	22.2	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.02	21.8	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.14	20.92	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	20.32	20.1	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	20.73	20.51	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	20.24	20.02	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	20.5	20.28	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	20.27	20.05	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	20.58	20.36	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	20.44	20.22	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	20.53	20.31	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	20.31	20.09	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	20.69	20.47	33	PASS
Band25	20MHz	64QAM	26140	1RB#99	20.42	20.2	33	PASS
Band25	20MHz	64QAM	26140	100RB#0	20.36	20.14	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	23.07	22.85	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	23.18	22.96	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	23.01	22.79	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	22.21	21.99	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	22.39	22.17	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	22.59	22.37	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	22.44	22.22	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	21.32	21.1	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	5.32	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.38	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.32	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.08	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.18	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.08	13	PASS
Band25	20MHz	64QAM	26140	100RB#0	6.46	13	PASS
Band25	20MHz	64QAM	26365	100RB#0	6.32	13	PASS
Band25	20MHz	64QAM	26590	100RB#0	6.22	13	PASS



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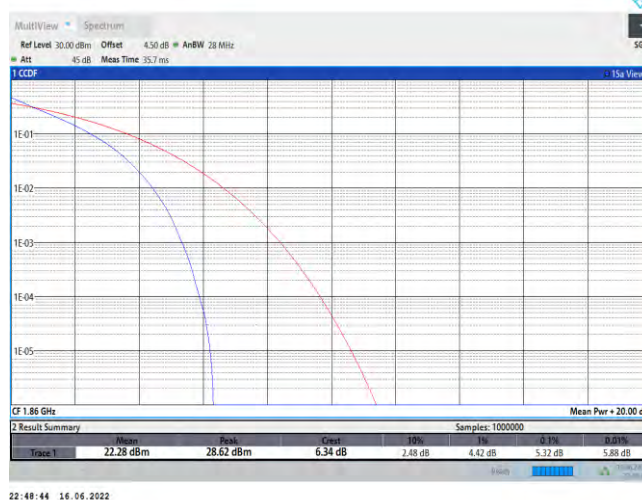
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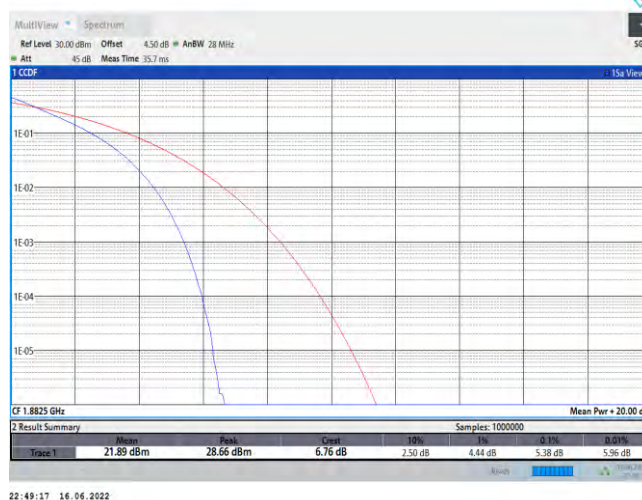
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Test Graphs

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



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



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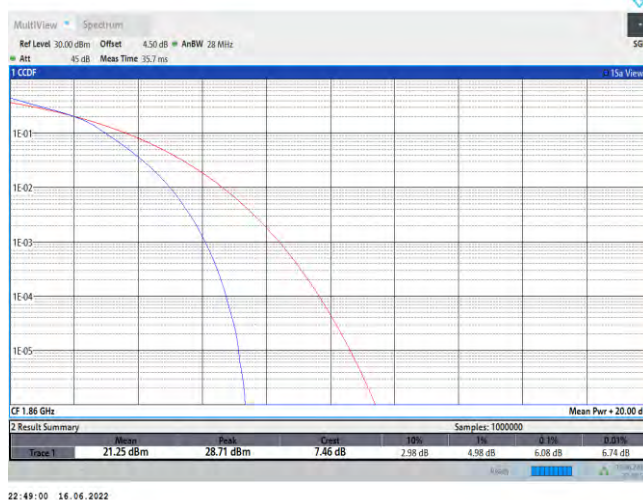
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Band25-20MHz-QPSK-26590-100RB#0



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



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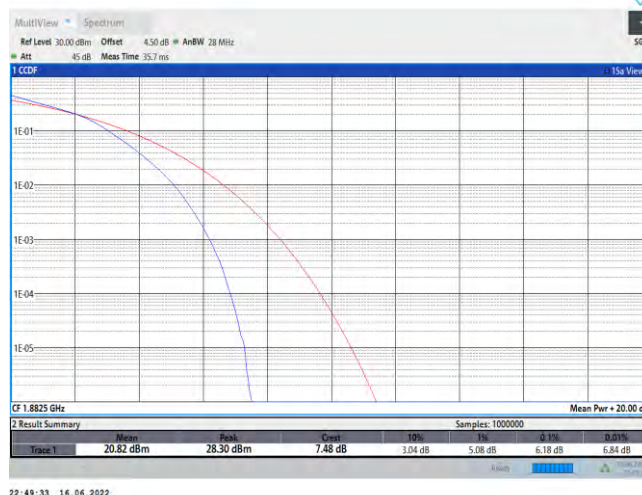
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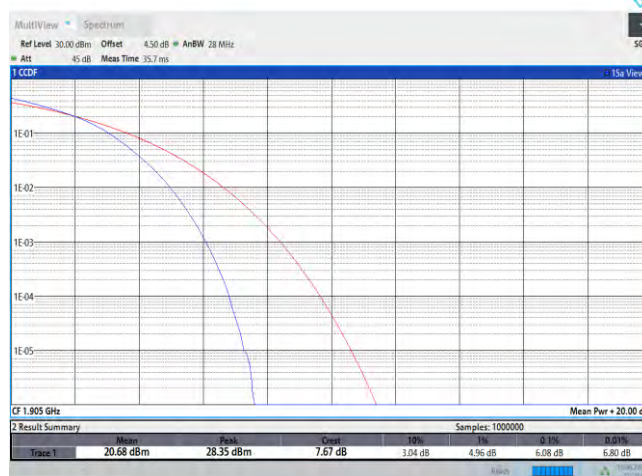
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Band25-20MHz-16QAM-26365-100RB#0



22:49:33 16.06.2022

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



22:50:06 16.06.2022



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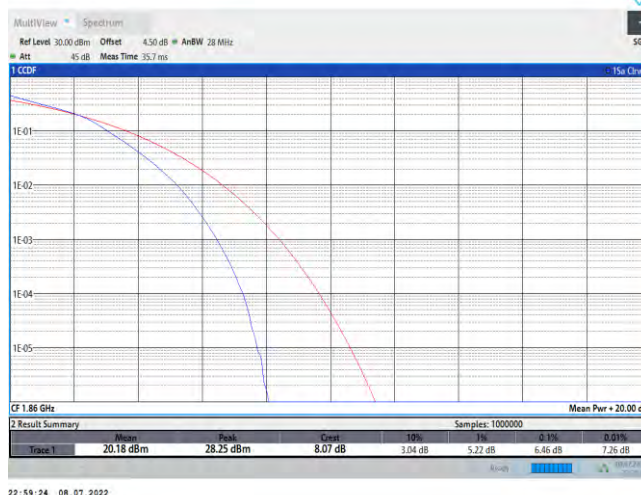
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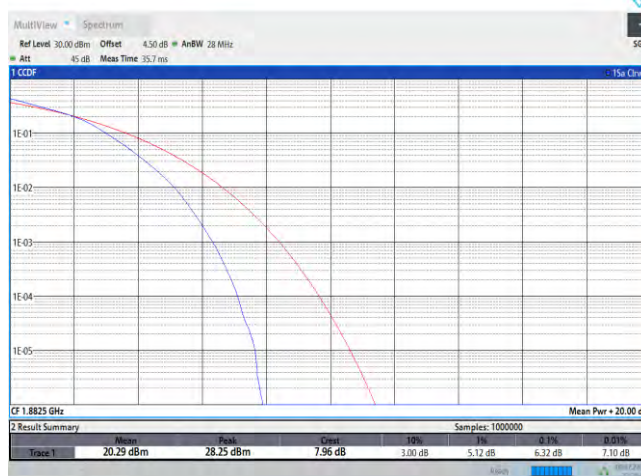
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Band25-20MHz-64QAM-26140-100RB#0



22:59:24 08.07.2022

Band25-20MHz-64QAM-26365-100RB#0



22:59:40 08.07.2022



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band25	20MHz	QPSK	26365	100RB#0	PASS	PASS
Band25	20MHz	16QAM	26365	100RB#0	PASS	PASS
Band25	20MHz	64QAM	26365	100RB#0	PASS	PASS



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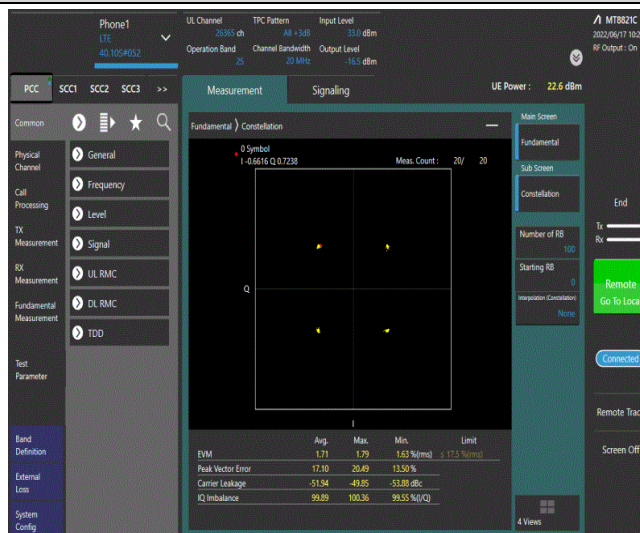
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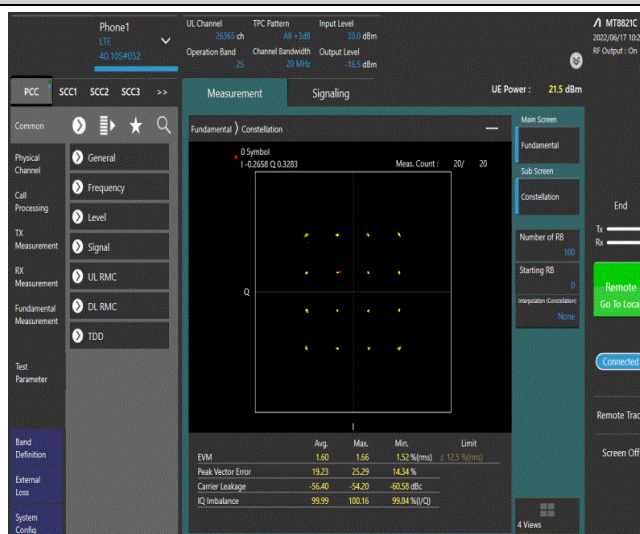
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Test Graphs

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



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



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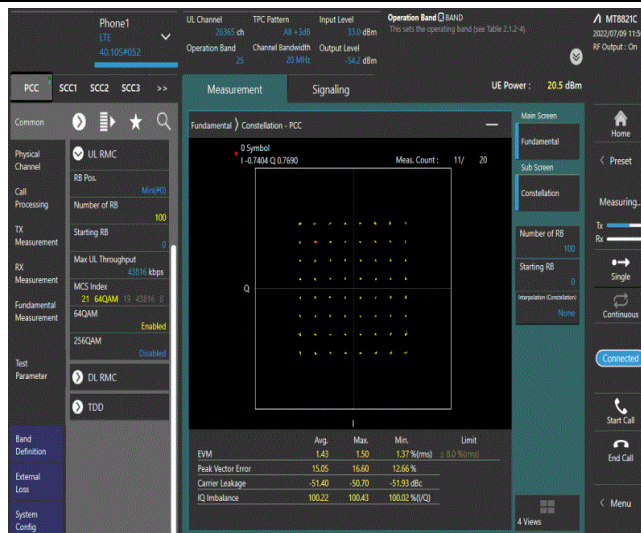
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Band25-20MHz-64QAM-26365-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.085	1.28	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.085	1.28	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.087	1.30	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.097	1.31	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.096	1.31	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.101	1.31	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	1.098	1.32	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	1.092	1.31	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	1.094	1.30	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.686	2.91	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.683	2.88	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.685	2.90	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.68	2.90	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.676	2.90	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.678	2.91	PASS
Band25	3MHz	64QAM	26055	15RB#0	2.687	2.98	PASS
Band25	3MHz	64QAM	26365	15RB#0	2.684	2.91	PASS
Band25	3MHz	64QAM	26675	15RB#0	2.685	2.90	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.477	5.03	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.477	5.10	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.476	5.04	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.469	5.05	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.473	5.05	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.47	5.05	PASS
Band25	5MHz	64QAM	26065	25RB#0	4.477	5.00	PASS
Band25	5MHz	64QAM	26365	25RB#0	4.472	4.99	PASS
Band25	5MHz	64QAM	26665	25RB#0	4.476	5.04	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.954	9.90	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.95	9.84	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.945	9.92	PASS



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Band25	10MHz	16QAM	26090	50RB#0	8.933	9.82	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.925	9.80	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.935	9.72	PASS
Band25	10MHz	64QAM	26090	50RB#0	8.948	9.92	PASS
Band25	10MHz	64QAM	26365	50RB#0	8.944	9.84	PASS
Band25	10MHz	64QAM	26640	50RB#0	8.949	10.12	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.517	15.18	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.508	16.74	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.501	14.94	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.503	15.15	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.493	15.06	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.483	15.06	PASS
Band25	15MHz	64QAM	26115	75RB#0	13.492	15.21	PASS
Band25	15MHz	64QAM	26365	75RB#0	13.491	15.21	PASS
Band25	15MHz	64QAM	26615	75RB#0	13.483	15.00	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.969	19.80	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.955	19.64	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.899	19.52	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.914	19.76	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.93	19.72	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.867	19.64	PASS
Band25	20MHz	64QAM	26140	100RB#0	17.908	19.64	PASS
Band25	20MHz	64QAM	26365	100RB#0	17.906	20.52	PASS
Band25	20MHz	64QAM	26590	100RB#0	17.873	19.64	PASS



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Test Graphs

Band25-1.4MHz-QPSK-26047-6RB#0



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



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22:19:47 16.06.2022

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



22:18:55 16.06.2022



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22:19:29 16.06.2022

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



22:20:04 16.06.2022



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22:51:59 09.07.2022

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



22:52:16 09.07.2022



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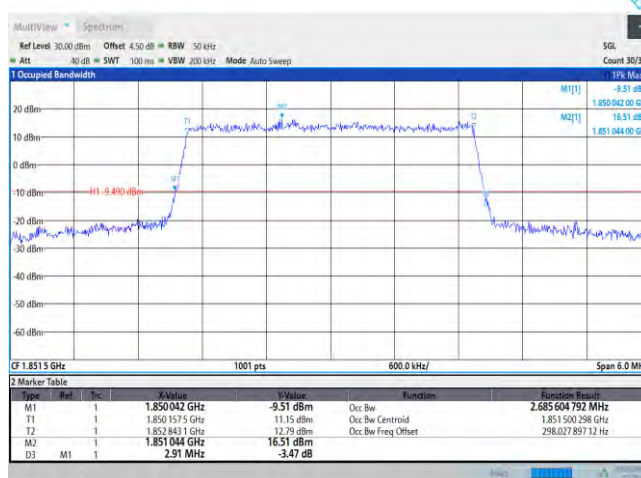
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22:52:34 09.07.2022

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



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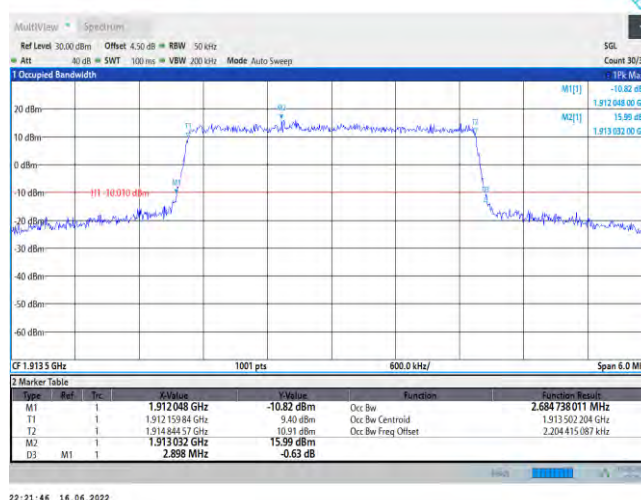
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Band25-3MHz-QPSK-26365-15RB#0



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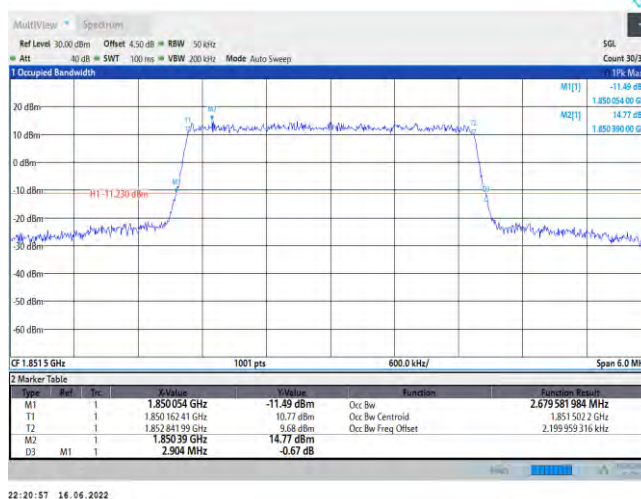
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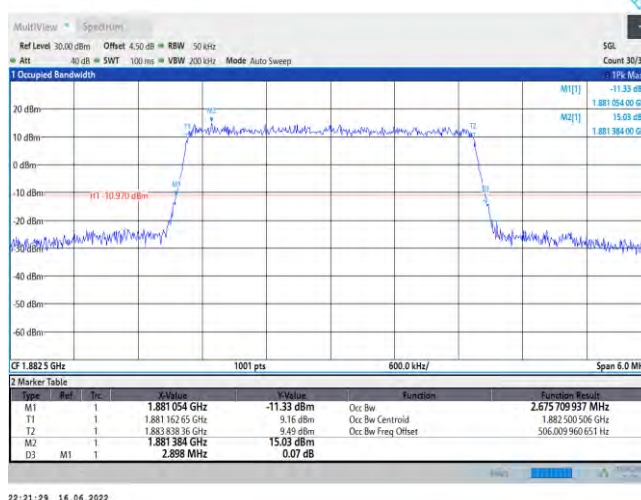
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Band25-3MHz-16QAM-26365-15RB#0



22:21:29 16.06.2022



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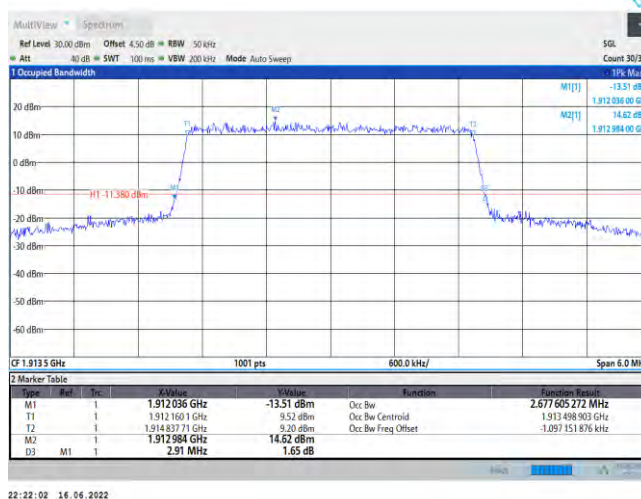
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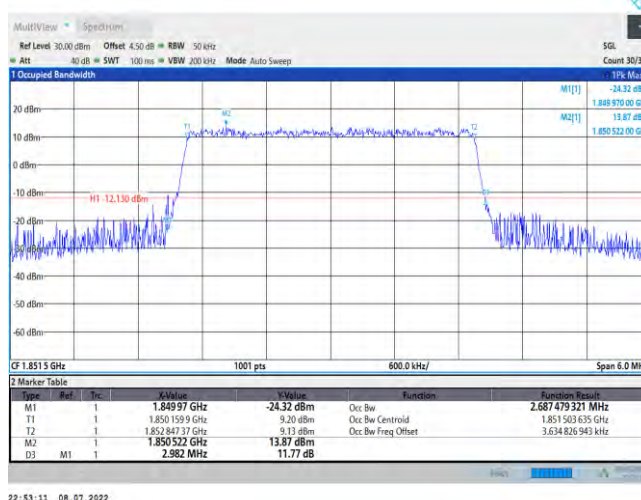
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22:22:02 16.06.2022

Band25-3MHz-64QAM-26055-15RB#0



22:53:11 08.07.2022



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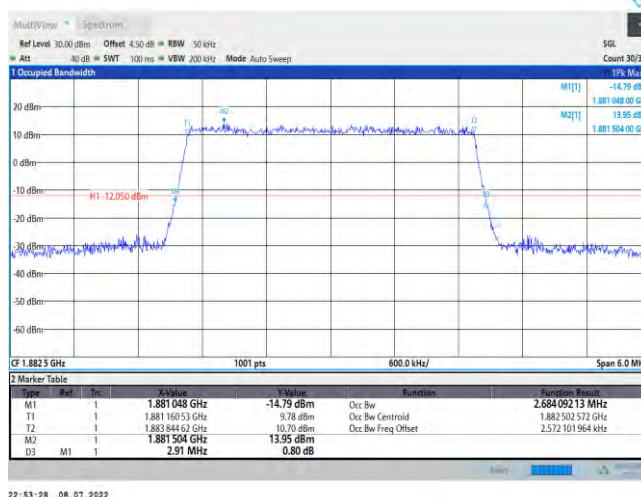
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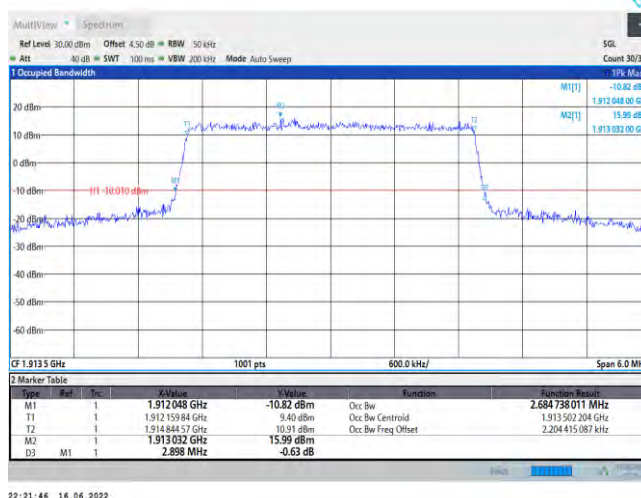
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22:53:28 09.07.2022

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



22:21:46 16.06.2022



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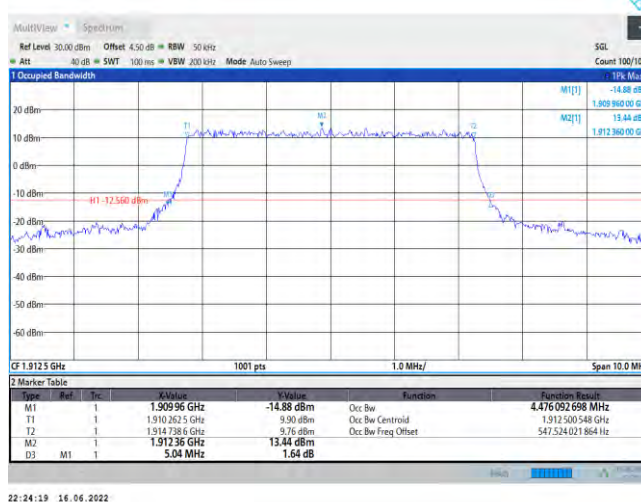
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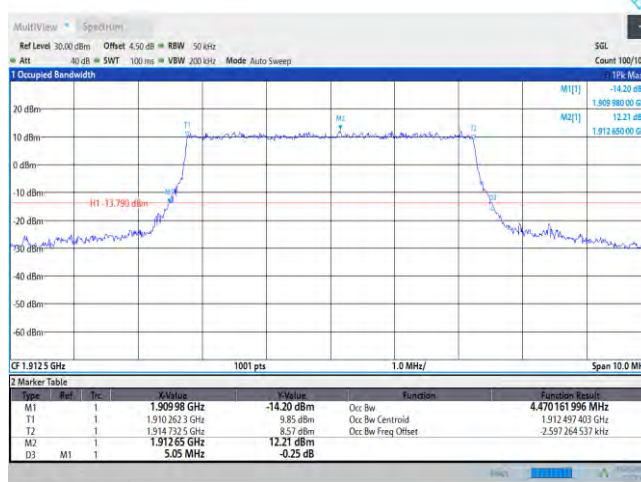
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Band25-5MHz-16QAM-26665-25RB#0



22:24:42 16.06.2022



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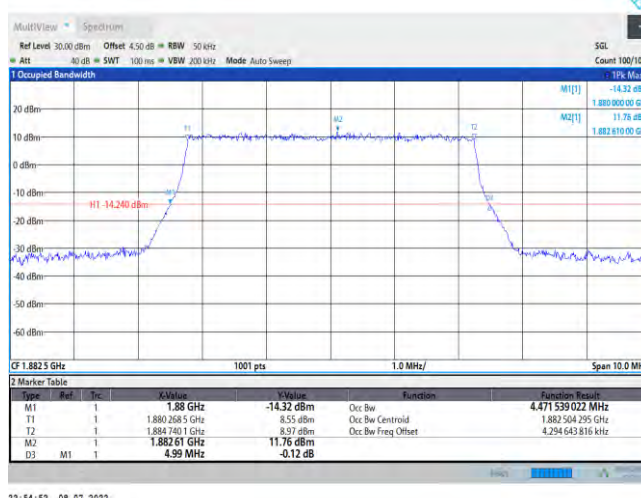
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Band25-5MHz-64QAM-26365-25RB#0



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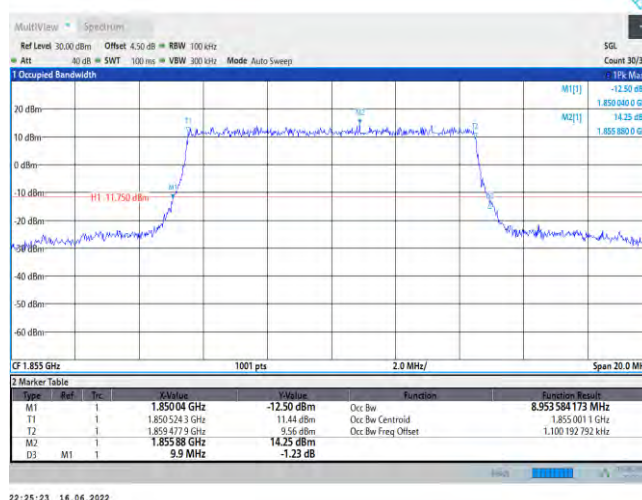
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Band25-5MHz-64QAM-26665-25RB#0



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



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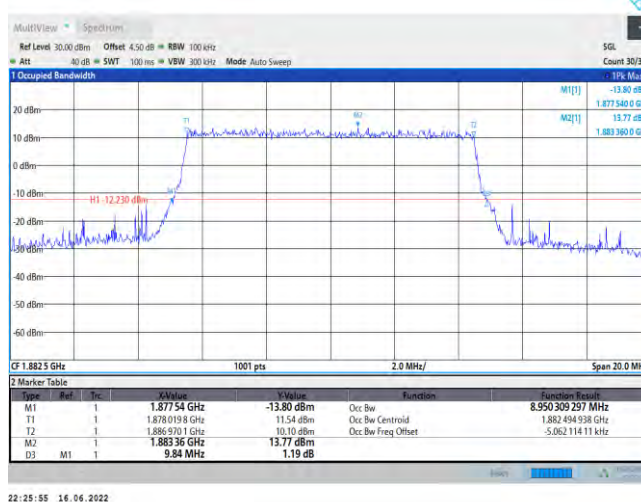
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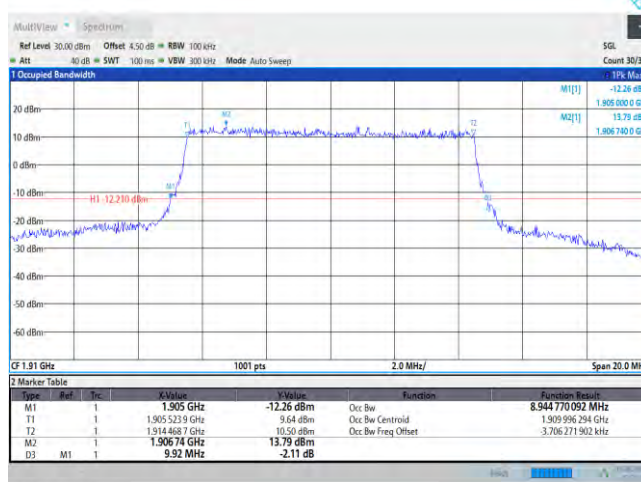
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Band25-10MHz-QPSK-26640-50RB#0



22:26:27 16.06.2022



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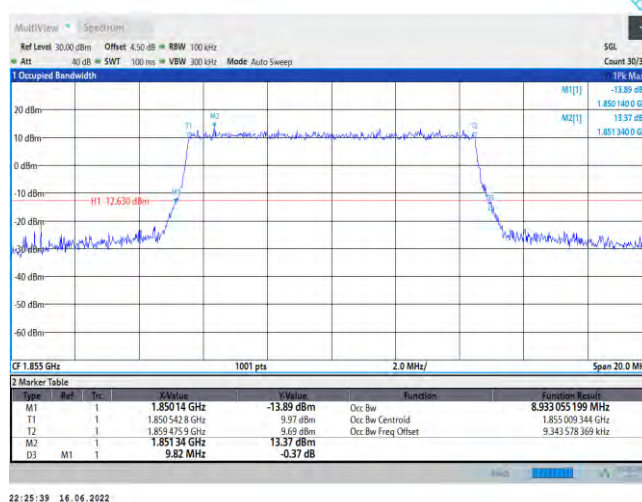
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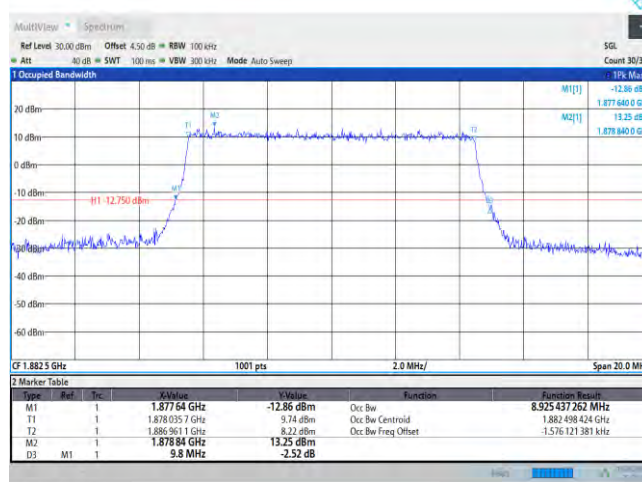
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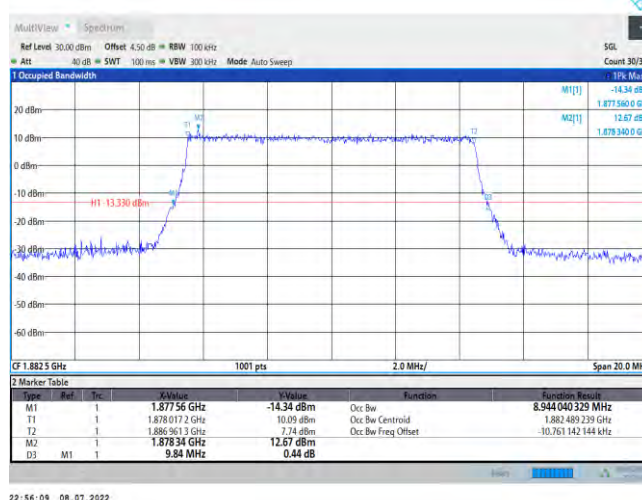
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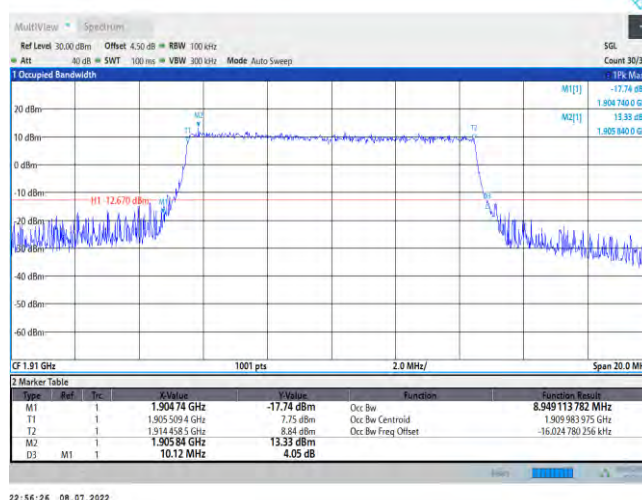
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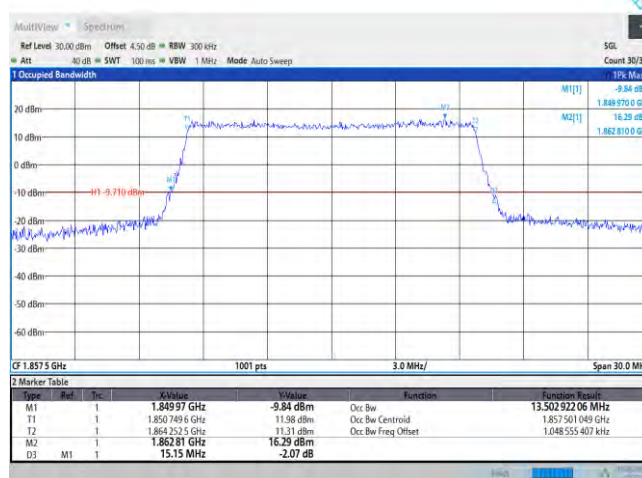
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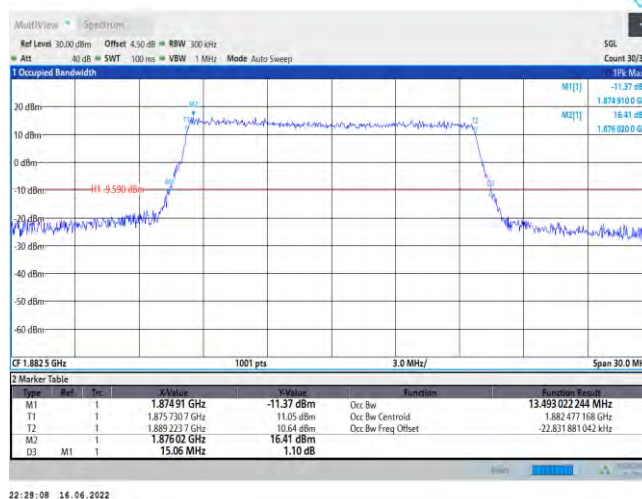
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Band25-15MHz-16QAM-26615-75RB#0



22:28:41 16.06.2022



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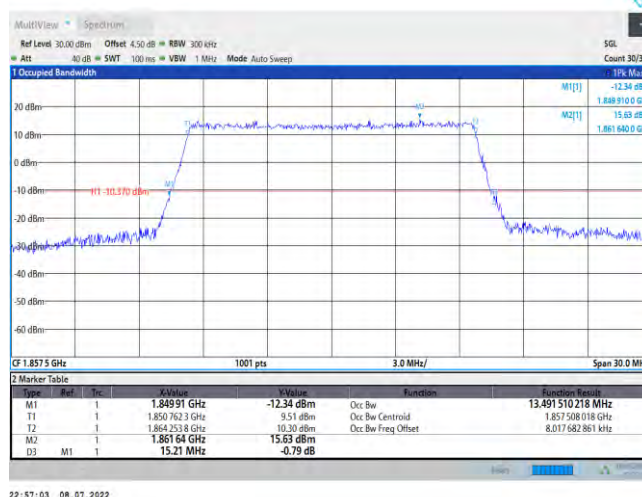
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Band25-15MHz-64QAM-26115-75RB#0



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



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22:57:36 09.07.2022

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



22:29:28 16.06.2022



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22:30:00 16.06.2022

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



22:30:32 16.06.2022



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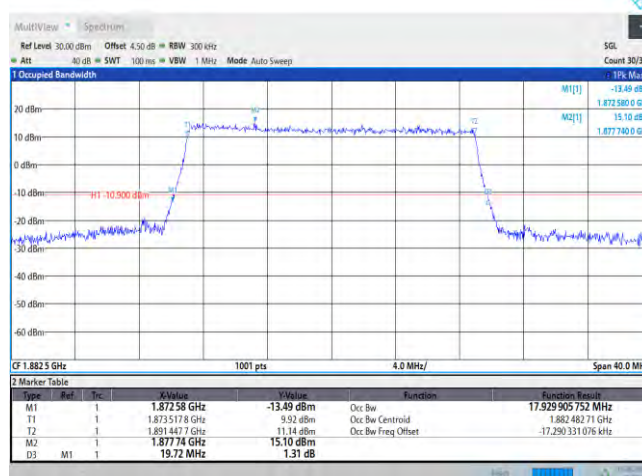
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Band25-20MHz-16QAM-26365-100RB#0



22:30:16 16.06.2022



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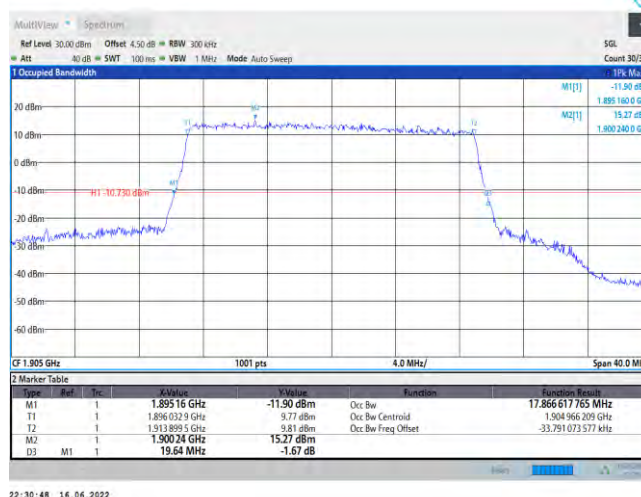
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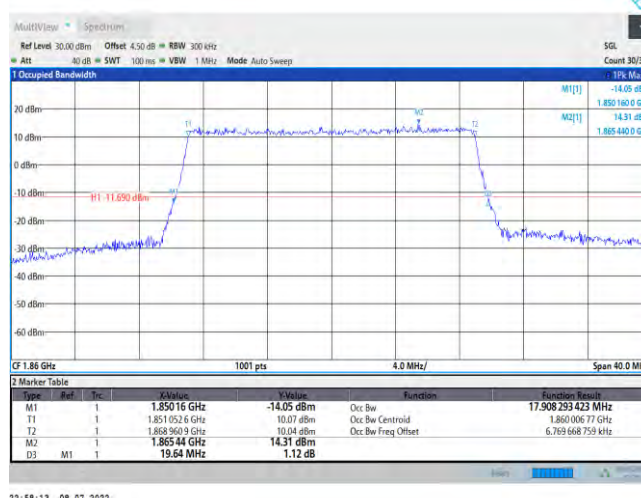
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22:30:48 16.06.2022

Band25-20MHz-64QAM-26140-100RB#0



22:58:13 08.07.2022



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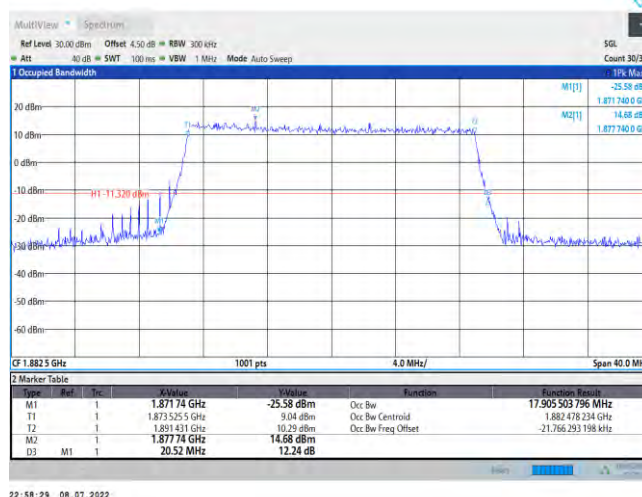
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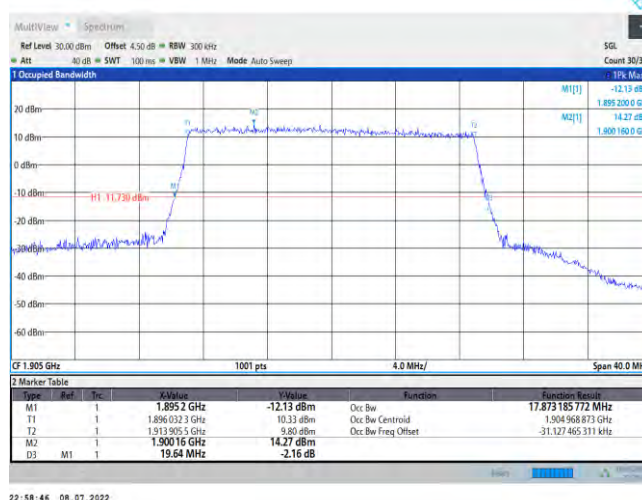
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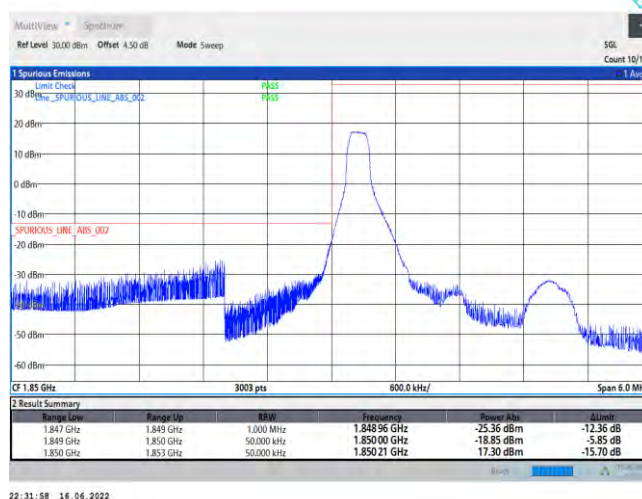
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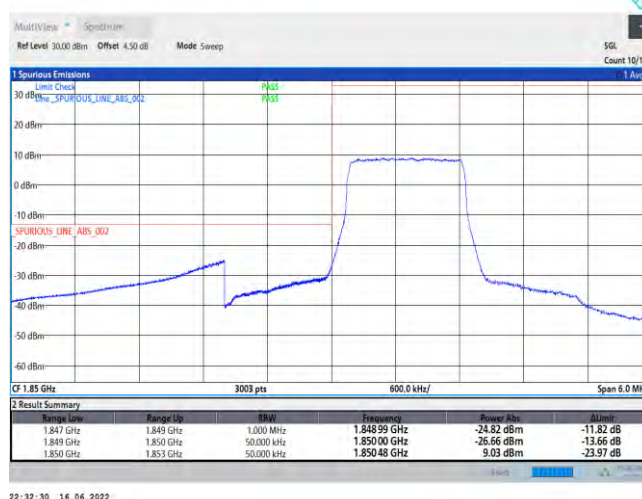
Band Edge

Test Graphs

Band25-1.4MHz-QPSK-26047-1RB#0



Band25-1.4MHz-QPSK-26047-6RB#0



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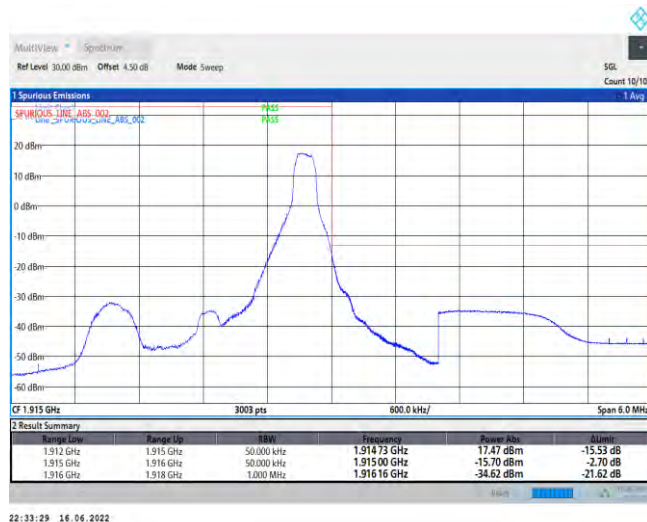
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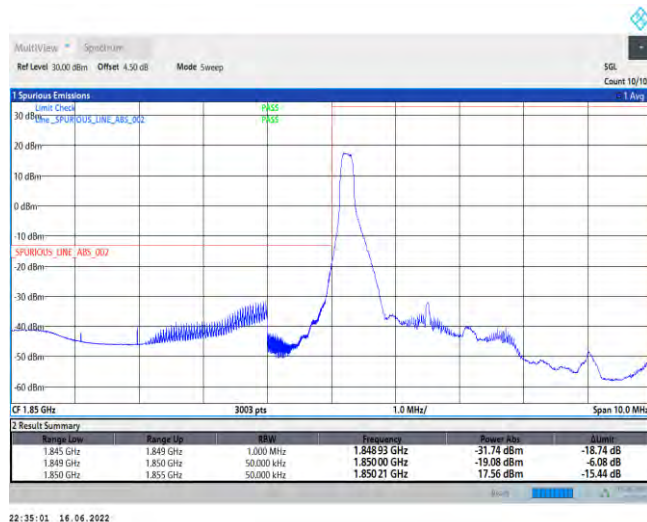
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Band25-3MHz-QPSK-26055-15RB#0



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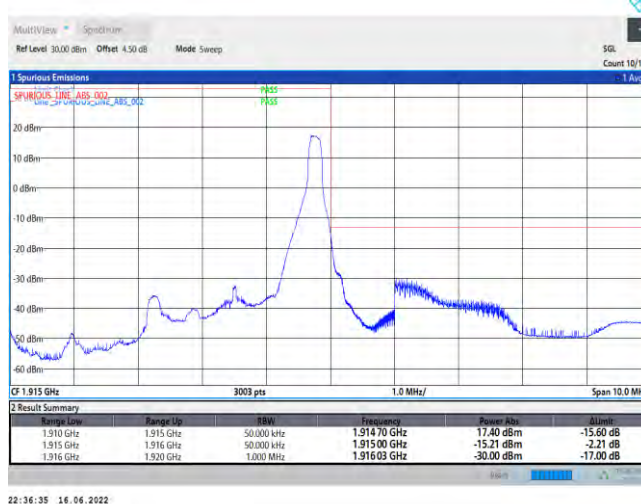
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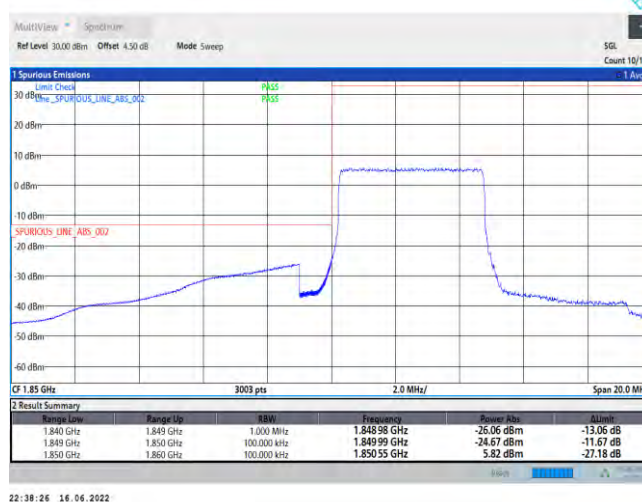
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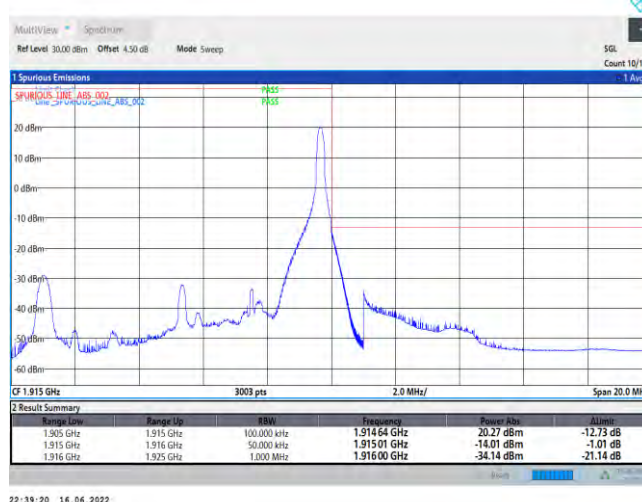
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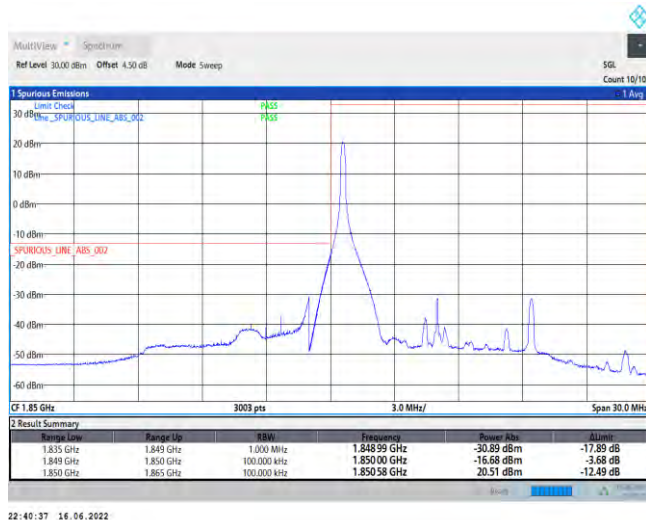
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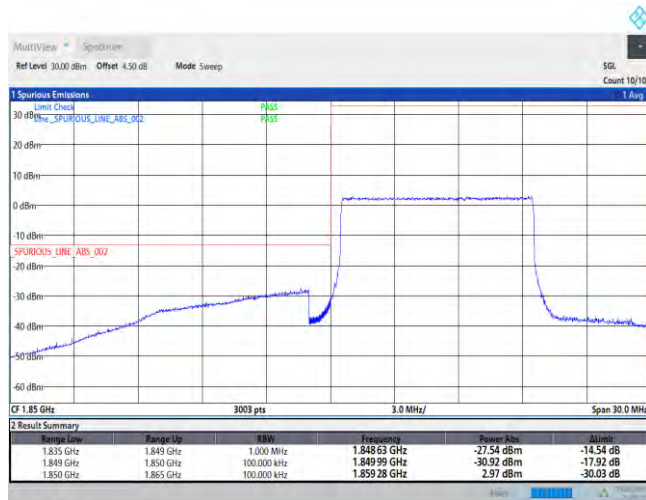
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Band25-10MHz-QPSK-26090-1RB#0



22:40:37 16.06.2022

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



22:41:00 16.06.2022



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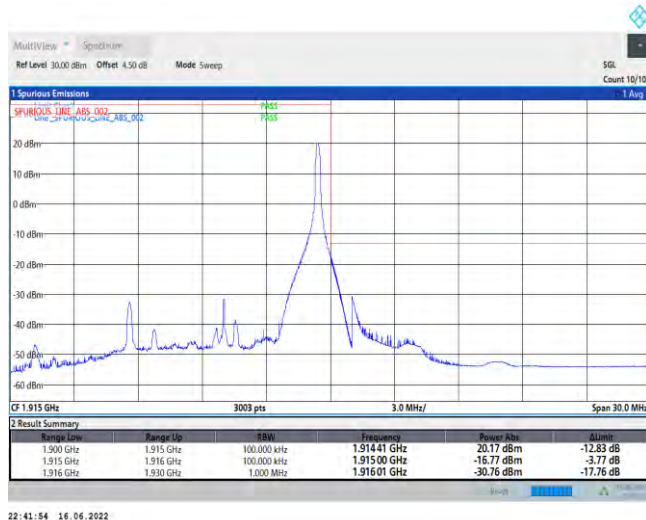
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Band25-10MHz-QPSK-26640-1RB#49



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



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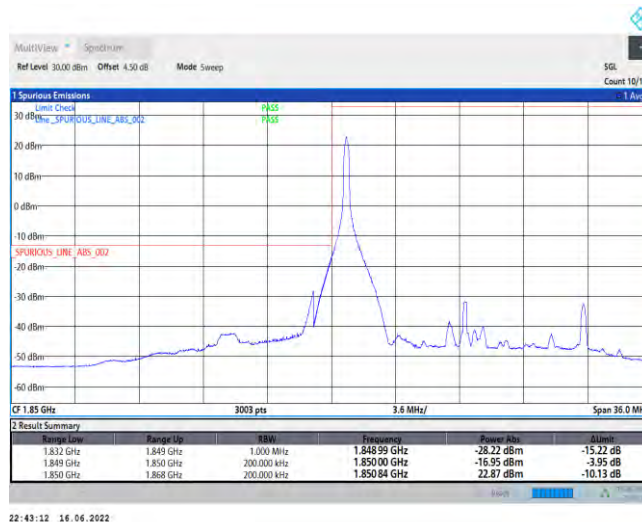
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Band25-15MHz-QPSK-26115-1RB#0



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



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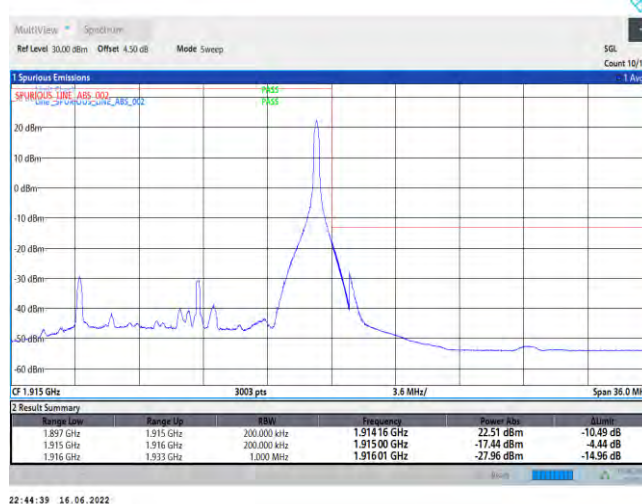
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Band25-15MHz-QPSK-26615-1RB#74



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



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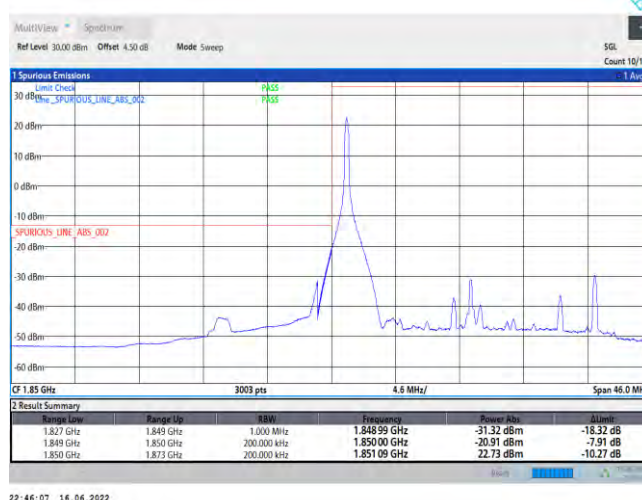
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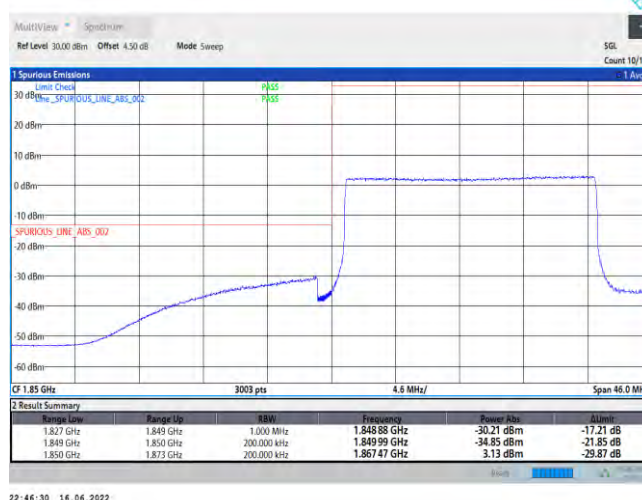
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Band25-20MHz-QPSK-26140-1RB#0



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



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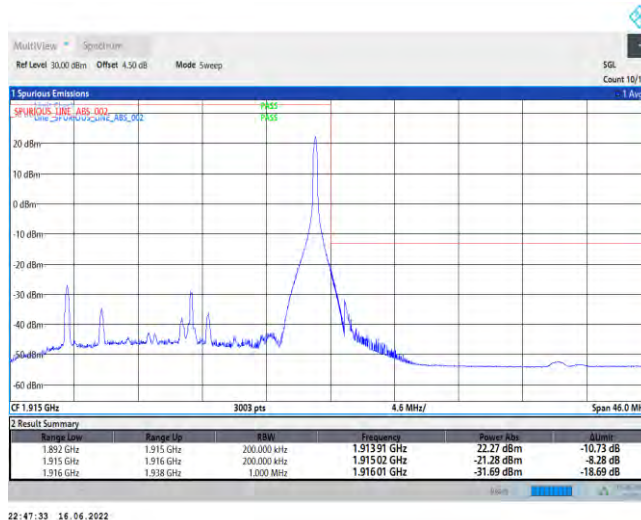
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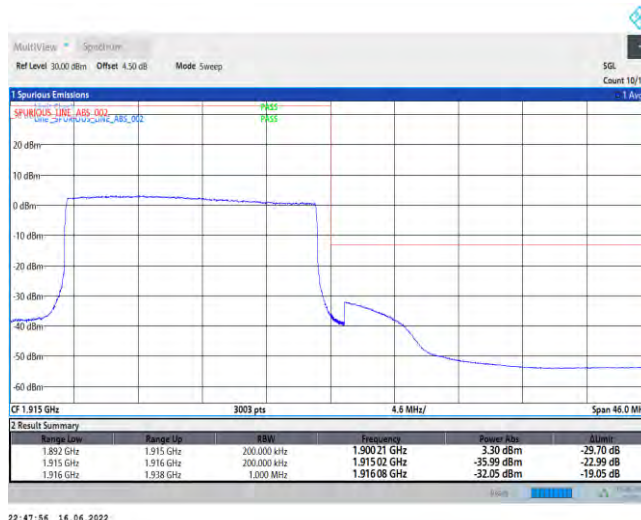
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Band25-20MHz-QPSK-26590-1RB#99



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



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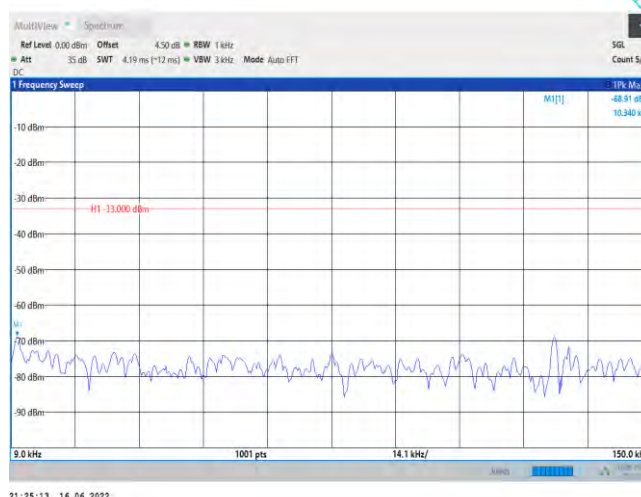
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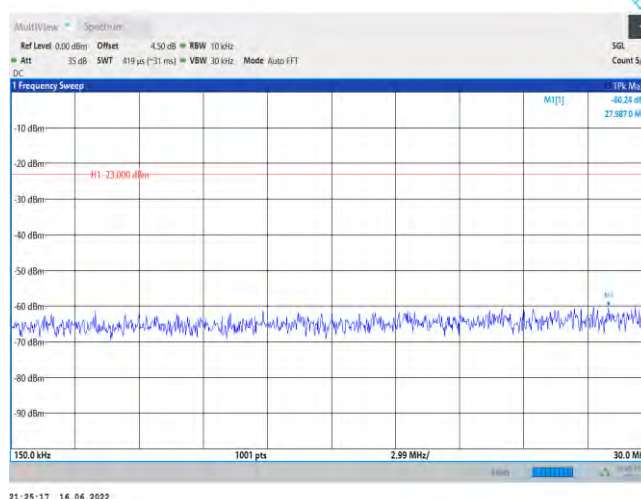
Conducted Spurious Emission

Test Graphs

Band25-20MHz-QPSK-26140-1RB#0-Range1:0.009~0.15MHz



Band25-20MHz-QPSK-26140-1RB#0-Range2:0.15~30MHz



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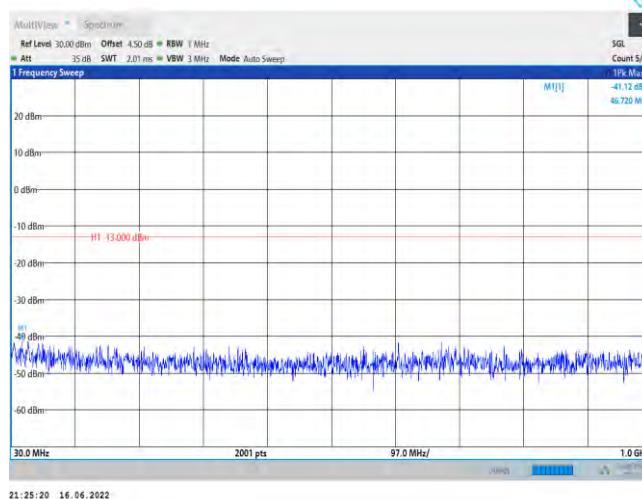
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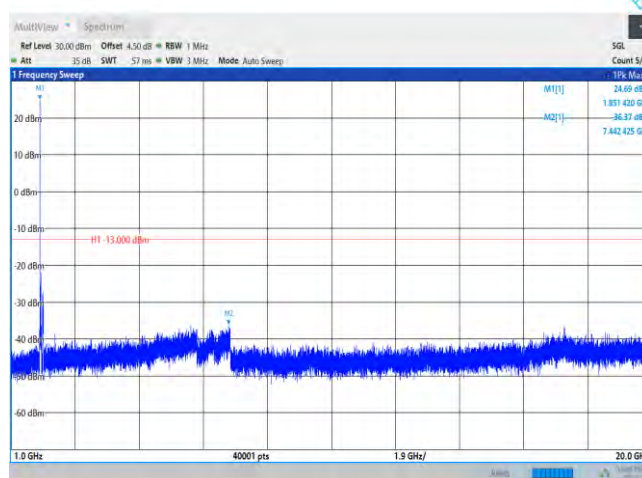
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Band25-20MHz-QPSK-26140-1RB#0-Range3:30~1000MHz



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



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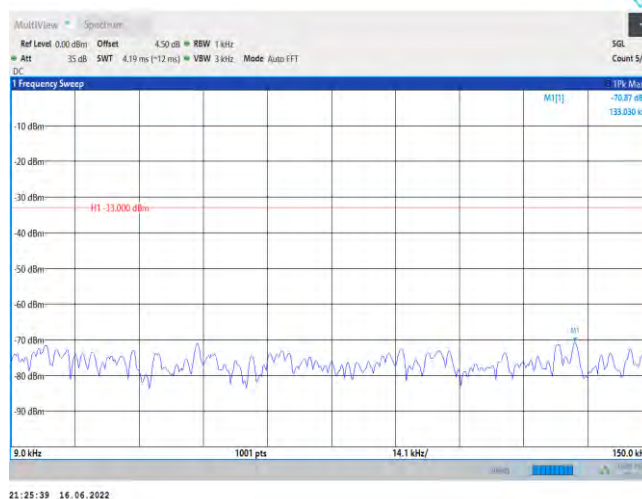
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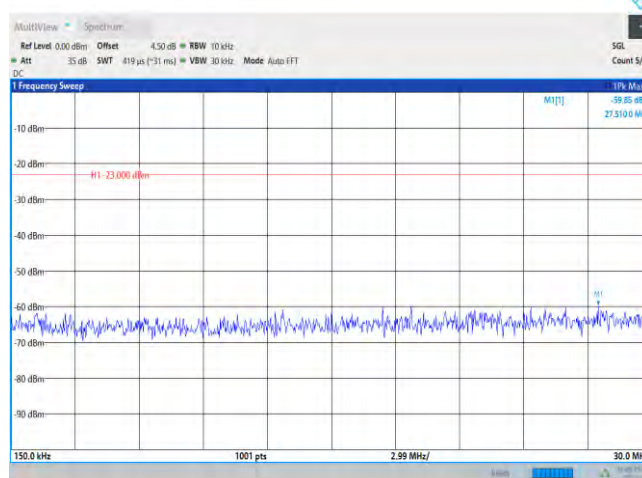
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Band25-20MHz-QPSK-26365-1RB#0-Range1:0.009~0.15MHz



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



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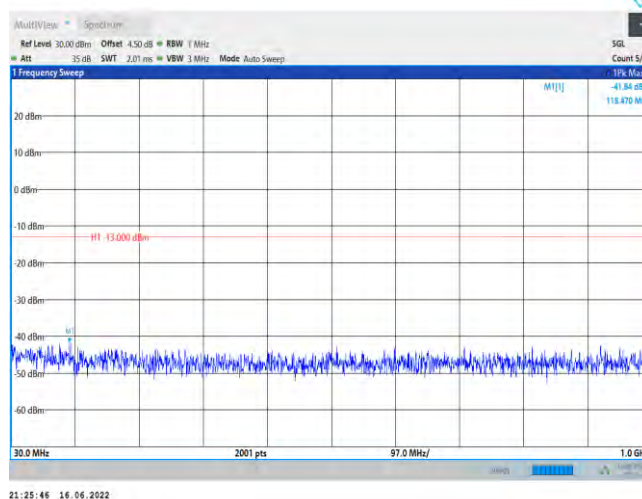
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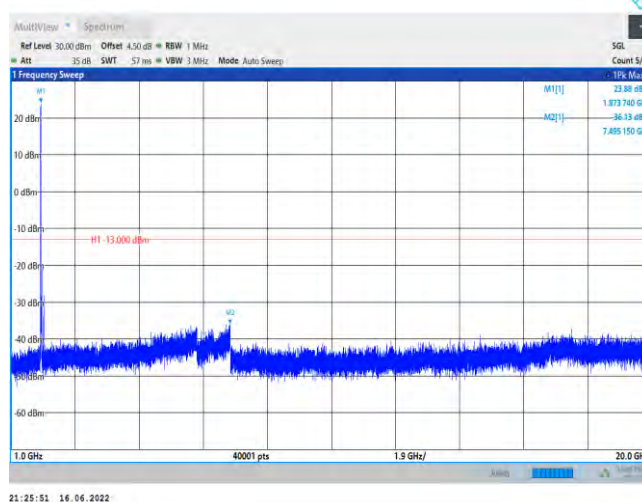
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Band25-20MHz-QPSK-26365-1RB#0-Range3:30~1000MHz



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



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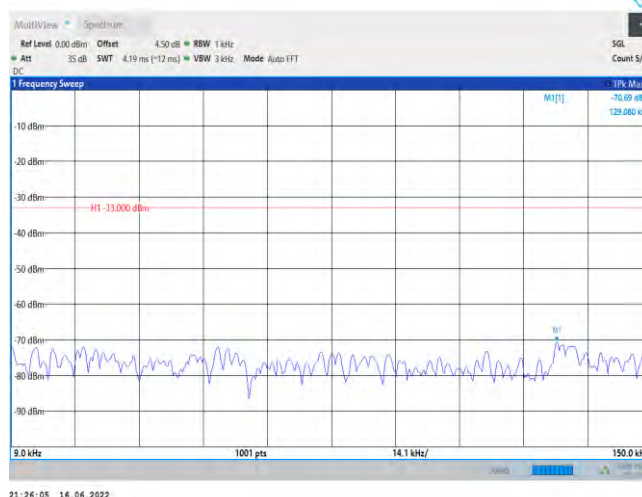
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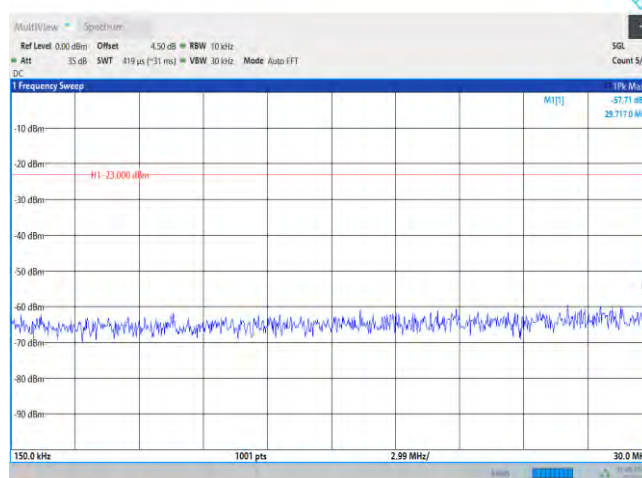
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Band25-20MHz-QPSK-26590-1RB#0-Range1:0.009~0.15MHz



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



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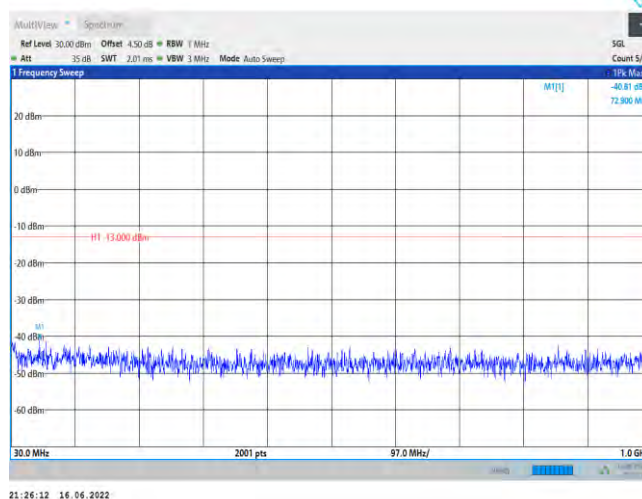
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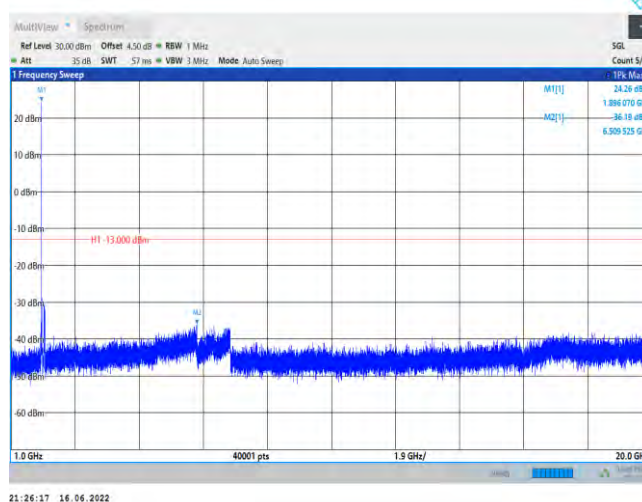
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Band25-20MHz-QPSK-26590-1RB#0-Range3:30~1000MHz



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

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	58.12	-110.79	-52.67	-13.00	39.67	168	253	Horizontal
2	5553.2700	49.81	-107.44	-57.63	-13.00	44.63	194	265	Horizontal
3	7404.3600	48.70	-102.17	-53.47	-13.00	40.47	172	335	Horizontal
4	9255.4500	44.55	-97.11	-52.56	-13.00	39.56	230	242	Horizontal
5	11106.5400	40.54	-94.10	-53.56	-13.00	40.56	214	288	Horizontal
6	12957.6300	39.83	-92.71	-52.88	-13.00	39.88	159	37	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	54.61	-110.79	-56.18	-13.00	43.18	214	276	Vertical
2	5553.2700	49.12	-107.44	-58.32	-13.00	45.32	172	346	Vertical
3	7404.3600	50.84	-102.17	-51.33	-13.00	38.33	230	289	Vertical
4	9255.4500	44.88	-97.11	-52.23	-13.00	39.23	233	0	Vertical
5	11106.5400	41.82	-94.10	-52.28	-13.00	39.28	261	0	Vertical
6	12957.6300	39.95	-92.71	-52.76	-13.00	39.76	125	2	Vertical



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Test Band = LTE Band 25_ TM1
Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	55.05	-110.82	-55.77	-13.00	42.77	145	232	Horizontal
2	5613.2700	51.32	-107.23	-55.91	-13.00	42.91	251	232	Horizontal
3	7484.3600	46.74	-101.99	-55.25	-13.00	42.25	184	129	Horizontal
4	9355.4500	44.25	-96.81	-52.56	-13.00	39.56	172	266	Horizontal
5	11226.5400	42.02	-93.55	-51.53	-13.00	38.53	231	37	Horizontal
6	13097.6300	40.21	-92.39	-52.18	-13.00	39.18	190	49	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	53.78	-110.82	-57.04	-13.00	44.04	125	278	Vertical
2	5613.2700	49.68	-107.23	-57.55	-13.00	44.55	236	187	Vertical
3	7484.3600	48.47	-101.99	-53.52	-13.00	40.52	164	163	Vertical
4	9355.4500	44.23	-96.81	-52.58	-13.00	39.58	148	71	Vertical
5	11226.5400	41.95	-93.55	-51.60	-13.00	38.60	172	357	Vertical
6	13097.6300	39.95	-92.39	-52.44	-13.00	39.44	201	208	Vertical



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Test Band = LTE Band 25_ TM1
Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.1800	51.95	-110.85	-58.90	-13.00	45.90	269	231	Horizontal
2	5688.2700	50.29	-106.79	-56.50	-13.00	43.50	194	72	Horizontal
3	7584.3600	48.54	-101.82	-53.28	-13.00	40.28	172	300	Horizontal
4	9480.4500	43.86	-96.94	-53.08	-13.00	40.08	255	173	Horizontal
5	11376.5400	40.92	-93.53	-52.61	-13.00	39.61	211	254	Horizontal
6	13272.6300	40.05	-92.22	-52.17	-13.00	39.17	230	197	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.1800	52.67	-110.85	-58.18	-13.00	45.18	244	277	Vertical
2	5688.2700	49.52	-106.79	-57.27	-13.00	44.27	184	27	Vertical
3	7584.3600	48.19	-101.82	-53.63	-13.00	40.63	172	211	Vertical
4	9480.4500	43.65	-96.94	-53.29	-13.00	40.29	230	1	Vertical
5	11376.5400	41.55	-93.53	-51.98	-13.00	38.98	236	1	Vertical
6	13272.6300	39.94	-92.22	-52.28	-13.00	39.28	291	51	Vertical



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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	2.40	0.001275	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	10.20	0.005418	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	-27.40	-0.014555	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	3.10	0.001647	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	-26.30	-0.013971	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-10	-19.70	-0.010465	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	-18.40	-0.009774	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	-27.30	-0.014502	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	-12.60	-0.006693	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	-0.40	-0.000212	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	1.00	0.000531	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	-27.40	-0.014555	PASS

The End



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