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Appendix B.11

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	22.39	24.32	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	22.45	24.38	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	22.4	24.33	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	21.39	23.32	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.26	24.19	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.43	24.36	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.3	24.23	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.29	23.22	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	22.11	24.04	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	22.36	24.29	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.22	24.15	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.27	23.2	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	21.63	23.56	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.75	23.68	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	21.66	23.59	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.52	22.45	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	21.59	23.52	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.65	23.58	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.5	23.43	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.35	22.28	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	21.49	23.42	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	21.62	23.55	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	21.58	23.51	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	20.29	22.22	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	20.7	22.63	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#2	20.65	22.58	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#5	20.57	22.5	33	PASS



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Band25	1.4MHz	64QAM	26047	6RB#0	19.41	21.34	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#0	20.43	22.36	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#2	20.55	22.48	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#5	20.56	22.49	33	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	19.26	21.19	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	20.43	22.36	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#2	20.5	22.43	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	20.46	22.39	33	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	19.21	21.14	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	22.45	24.38	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	22.51	24.44	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	22.5	24.43	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	21.54	23.47	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.29	24.22	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.43	24.36	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.34	24.27	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.39	23.32	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.21	24.14	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	22.4	24.33	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	22.34	24.27	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.41	23.34	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	21.67	23.6	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	21.76	23.69	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	21.88	23.81	33	PASS
Band25	3MHz	16QAM	26055	15RB#0	20.57	22.5	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	21.66	23.59	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.84	23.77	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	21.78	23.71	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	20.39	22.32	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	21.52	23.45	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	21.79	23.72	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.59	23.52	33	PASS



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Band25	3MHz	64QAM	26055	1RB#0	20.57	22.5	33	PASS
Band25	3MHz	64QAM	26055	1RB#8	20.73	22.66	33	PASS
Band25	3MHz	64QAM	26055	1RB#14	20.6	22.53	33	PASS
Band25	3MHz	64QAM	26055	15RB#0	19.53	21.46	33	PASS
Band25	3MHz	64QAM	26365	1RB#0	20.54	22.47	33	PASS
Band25	3MHz	64QAM	26365	1RB#8	20.65	22.58	33	PASS
Band25	3MHz	64QAM	26365	1RB#14	20.7	22.63	33	PASS
Band25	3MHz	64QAM	26365	15RB#0	19.46	21.39	33	PASS
Band25	3MHz	64QAM	26675	1RB#0	20.43	22.36	33	PASS
Band25	3MHz	64QAM	26675	1RB#8	20.63	22.56	33	PASS
Band25	3MHz	64QAM	26675	1RB#14	20.47	22.4	33	PASS
Band25	3MHz	64QAM	26675	15RB#0	19.45	21.38	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.42	24.35	33	PASS
Band25	5MHz	QPSK	26065	1RB#12	22.48	24.41	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.48	24.41	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	21.52	23.45	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	22.31	24.24	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.45	24.38	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.44	24.37	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.44	23.37	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.33	24.26	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.44	24.37	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.33	24.26	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	21.4	23.33	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	21.81	23.74	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	21.79	23.72	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.74	23.67	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.49	22.42	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	21.62	23.55	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	21.74	23.67	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	21.66	23.59	33	PASS



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Band25	5MHz	16QAM	26365	25RB#0	20.42	22.35	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.61	23.54	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	21.66	23.59	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.66	23.59	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.48	22.41	33	PASS
Band25	5MHz	64QAM	26065	1RB#0	20.89	22.82	33	PASS
Band25	5MHz	64QAM	26065	1RB#12	20.66	22.59	33	PASS
Band25	5MHz	64QAM	26065	1RB#24	20.8	22.73	33	PASS
Band25	5MHz	64QAM	26065	25RB#0	19.52	21.45	33	PASS
Band25	5MHz	64QAM	26365	1RB#0	20.58	22.51	33	PASS
Band25	5MHz	64QAM	26365	1RB#12	20.65	22.58	33	PASS
Band25	5MHz	64QAM	26365	1RB#24	20.71	22.64	33	PASS
Band25	5MHz	64QAM	26365	25RB#0	19.47	21.4	33	PASS
Band25	5MHz	64QAM	26665	1RB#0	20.54	22.47	33	PASS
Band25	5MHz	64QAM	26665	1RB#12	20.66	22.59	33	PASS
Band25	5MHz	64QAM	26665	1RB#24	20.57	22.5	33	PASS
Band25	5MHz	64QAM	26665	25RB#0	19.45	21.38	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.09	24.02	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	22.38	24.31	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	22.26	24.19	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	21.51	23.44	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.29	24.22	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.34	24.27	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.07	24	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.36	23.29	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	22.28	24.21	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.3	24.23	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	22.32	24.25	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.25	23.18	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	21.64	23.57	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	21.88	23.81	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	21.55	23.48	33	PASS



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Band25	10MHz	16QAM	26365	1RB#0	21.55	23.48	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	21.72	23.65	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.46	23.39	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	20.39	22.32	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	21.55	23.48	33	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.71	23.64	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	21.62	23.55	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	20.29	22.22	33	PASS
Band25	10MHz	64QAM	26090	1RB#0	20.63	22.56	33	PASS
Band25	10MHz	64QAM	26090	1RB#24	20.65	22.58	33	PASS
Band25	10MHz	64QAM	26090	1RB#49	20.44	22.37	33	PASS
Band25	10MHz	64QAM	26090	50RB#0	19.51	21.44	33	PASS
Band25	10MHz	64QAM	26365	1RB#0	20.32	22.25	33	PASS
Band25	10MHz	64QAM	26365	1RB#24	20.58	22.51	33	PASS
Band25	10MHz	64QAM	26365	1RB#49	20.26	22.19	33	PASS
Band25	10MHz	64QAM	26365	50RB#0	19.41	21.34	33	PASS
Band25	10MHz	64QAM	26640	1RB#0	20.53	22.46	33	PASS
Band25	10MHz	64QAM	26640	1RB#24	20.6	22.53	33	PASS
Band25	10MHz	64QAM	26640	1RB#49	20.54	22.47	33	PASS
Band25	10MHz	64QAM	26640	50RB#0	19.4	21.33	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	22.22	24.15	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	22.4	24.33	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	22.35	24.28	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	21.49	23.42	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.34	24.27	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.44	24.37	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.46	24.39	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	21.34	23.27	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.36	24.29	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.4	24.33	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	22.36	24.29	33	PASS



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Band25	15MHz	16QAM	26115	1RB#0	21.56	23.49	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	21.79	23.72	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	21.61	23.54	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.55	22.48	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	21.61	23.54	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	21.73	23.66	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	21.72	23.65	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	20.41	22.34	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	21.66	23.59	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	21.74	23.67	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	21.64	23.57	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	20.47	22.4	33	PASS
Band25	15MHz	64QAM	26115	1RB#0	20.27	22.2	33	PASS
Band25	15MHz	64QAM	26115	1RB#38	20.7	22.63	33	PASS
Band25	15MHz	64QAM	26115	1RB#74	20.8	22.73	33	PASS
Band25	15MHz	64QAM	26115	75RB#0	19.54	21.47	33	PASS
Band25	15MHz	64QAM	26365	1RB#0	20.63	22.56	33	PASS
Band25	15MHz	64QAM	26365	1RB#38	20.61	22.54	33	PASS
Band25	15MHz	64QAM	26365	1RB#74	20.63	22.56	33	PASS
Band25	15MHz	64QAM	26365	75RB#0	19.39	21.32	33	PASS
Band25	15MHz	64QAM	26615	1RB#0	20.46	22.39	33	PASS
Band25	15MHz	64QAM	26615	1RB#38	20.63	22.56	33	PASS
Band25	15MHz	64QAM	26615	1RB#74	20.49	22.42	33	PASS
Band25	15MHz	64QAM	26615	75RB#0	19.49	21.42	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	22.42	24.35	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.41	24.34	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	22.35	24.28	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	21.36	23.29	33	PASS
Band25	20MHz	QPSK	26365	1RB#0	22.4	24.33	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	22.36	24.29	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	22.37	24.3	33	PASS



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Band25	20MHz	QPSK	26365	100RB#0	21.31	23.24	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	22.32	24.25	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	22.34	24.27	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	22.43	24.36	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	21.36	23.29	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	21.68	23.61	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	21.84	23.77	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	21.72	23.65	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	20.46	22.39	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	21.58	23.51	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	21.76	23.69	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	21.76	23.69	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	20.35	22.28	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	21.74	23.67	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	21.78	23.71	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	21.72	23.65	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	20.36	22.29	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	20.64	22.57	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	20.66	22.59	33	PASS
Band25	20MHz	64QAM	26140	1RB#99	20.63	22.56	33	PASS
Band25	20MHz	64QAM	26140	100RB#0	19.39	21.32	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	20.59	22.52	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	20.74	22.67	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	20.62	22.55	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	19.38	21.31	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	20.59	22.52	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	20.56	22.49	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	20.5	22.43	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	19.27	21.2	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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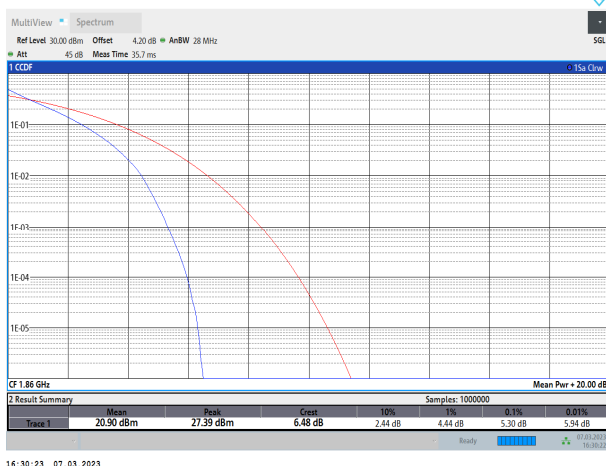
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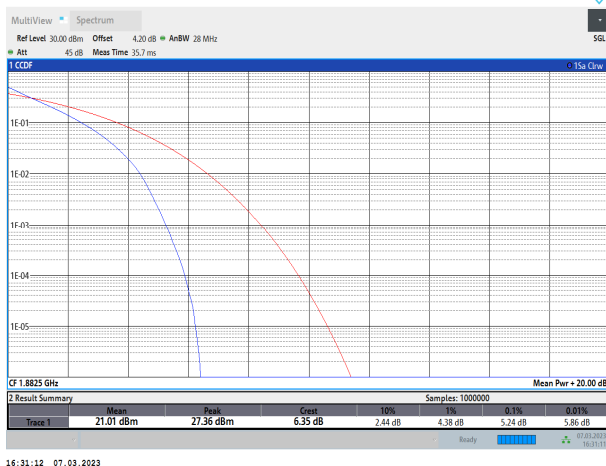
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Test Graphs

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



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



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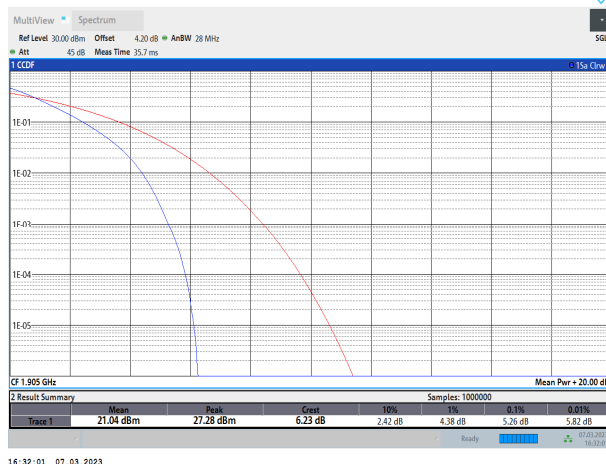
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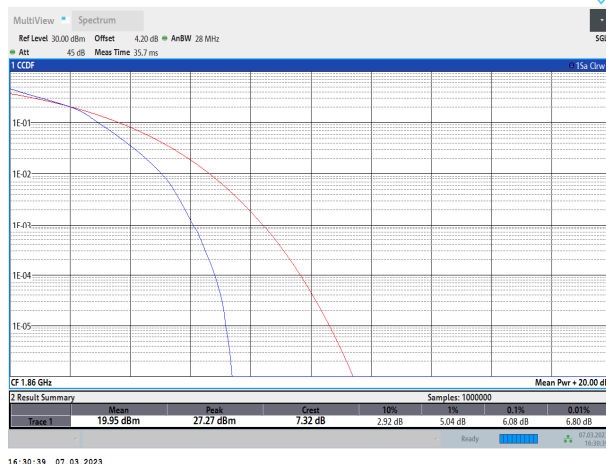
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Band25-20MHz-QPSK-26590-100RB#0



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



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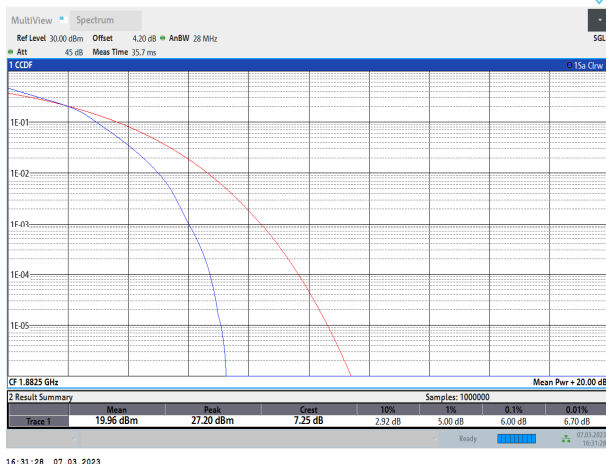
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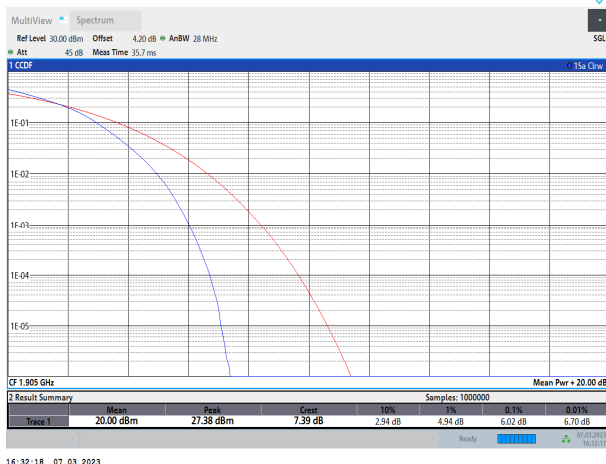
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Band25-20MHz-16QAM-26365-100RB#0



16:31:28 07.03.2023

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



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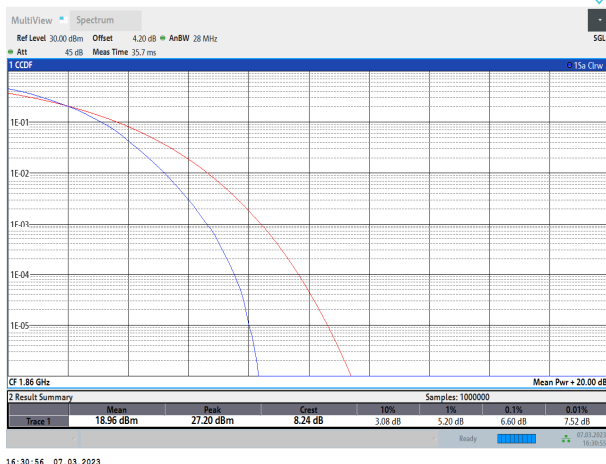
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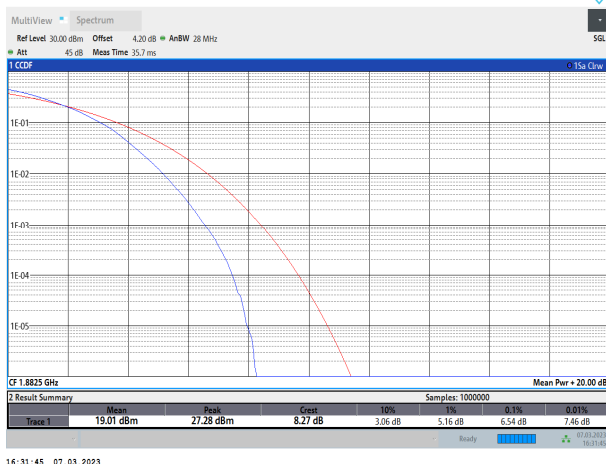
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Band25-20MHz-64QAM-26140-100RB#0



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



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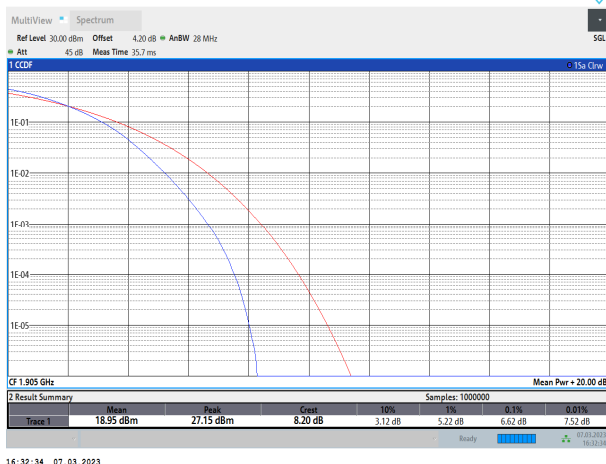
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Band25-20MHz-64QAM-26590-100RB#0



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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	1.23	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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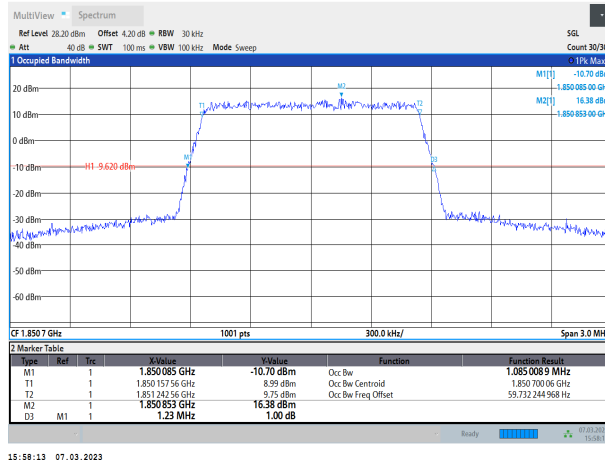
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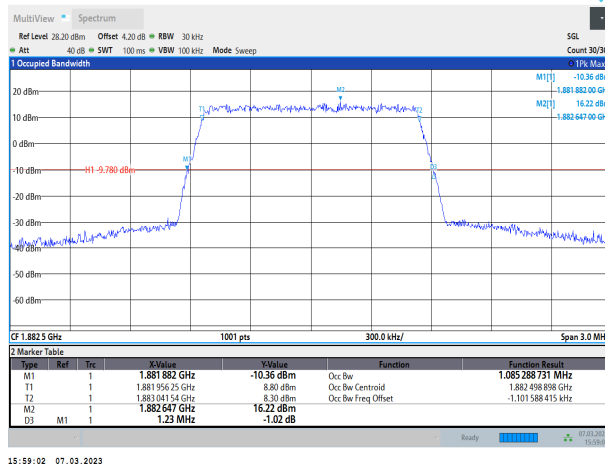
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Test Graphs

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



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

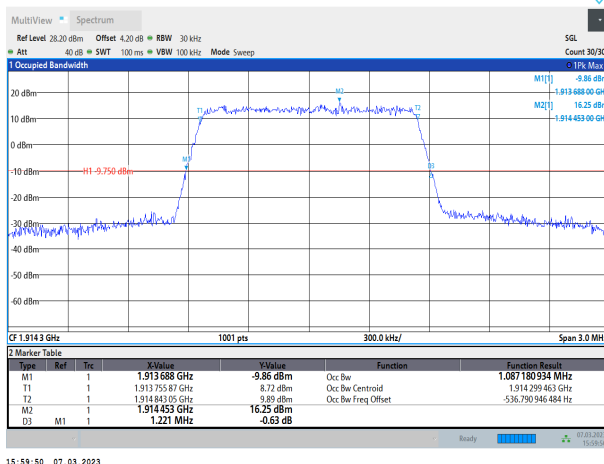


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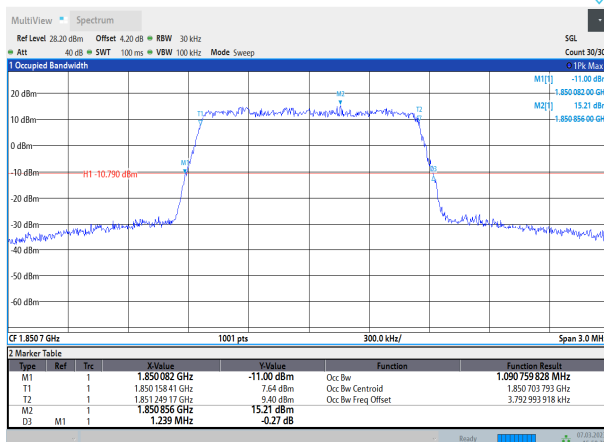
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Band25-1.4MHz-QPSK-26683-6RB#0



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



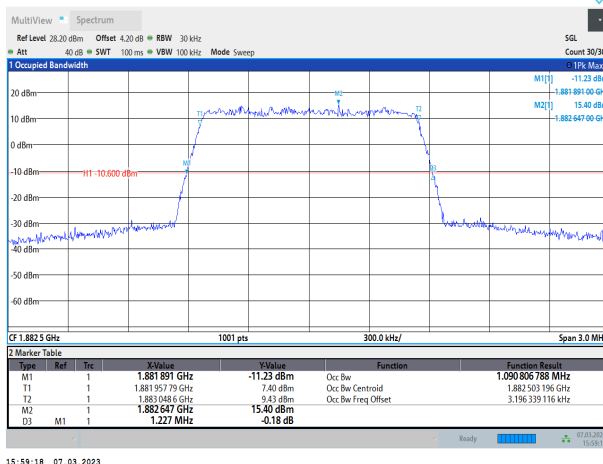
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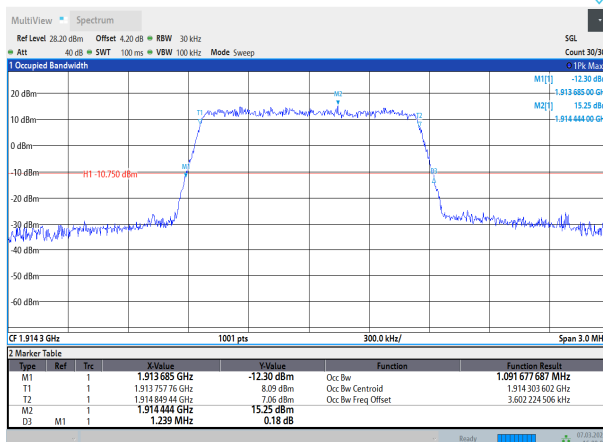
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15:59:18 07.03.2023

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



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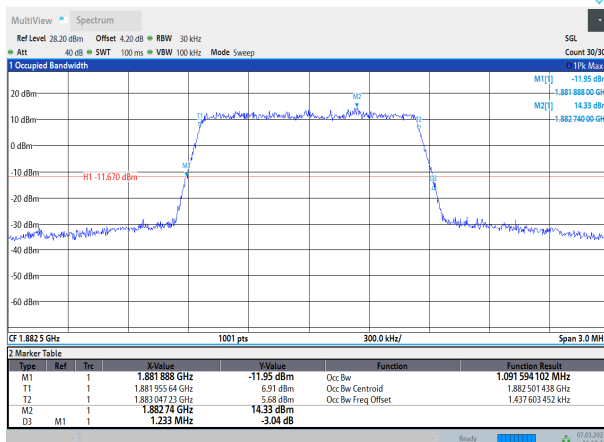
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Band25-1.4MHz-64QAM-26047-6RB#0



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15:59:34 07.03.2023

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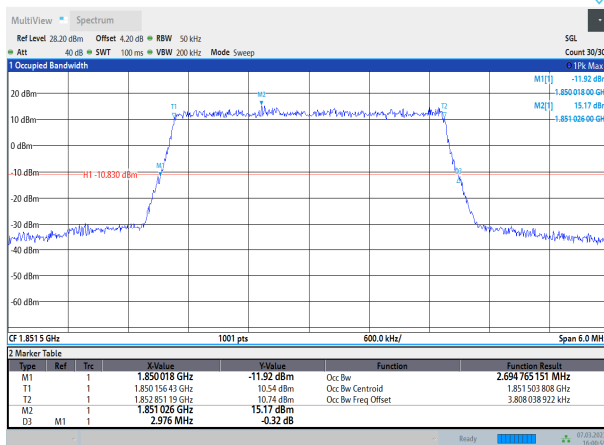
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Band25-1.4MHz-64QAM-26683-6RB#0



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



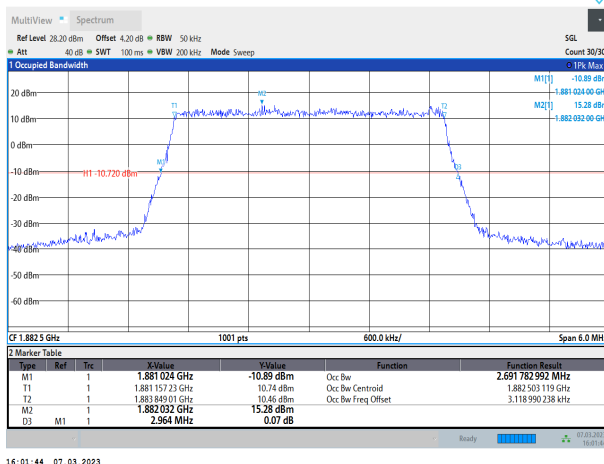
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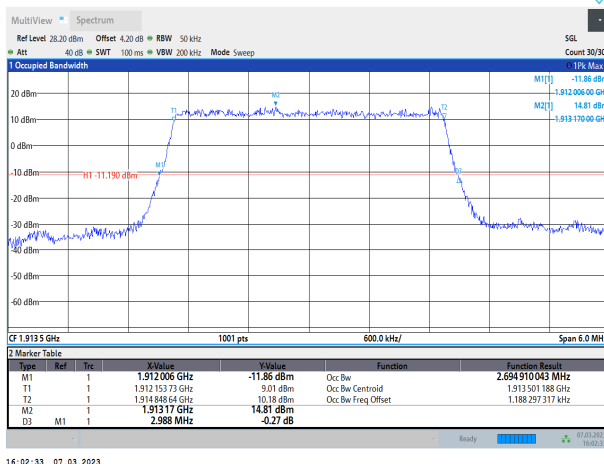
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Band25-3MHz-QPSK-26365-15RB#0



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

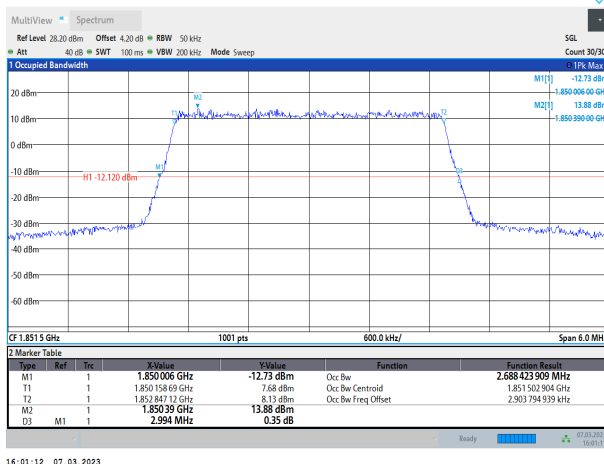


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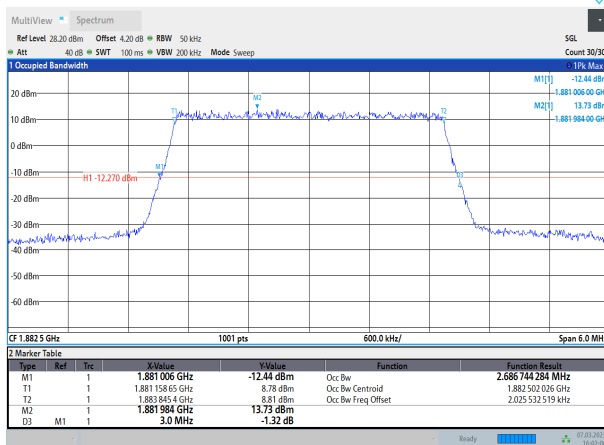
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Band25-3MHz-16QAM-26055-15RB#0



16:01:12 07.03.2023

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



16:02:01 07.03.2023



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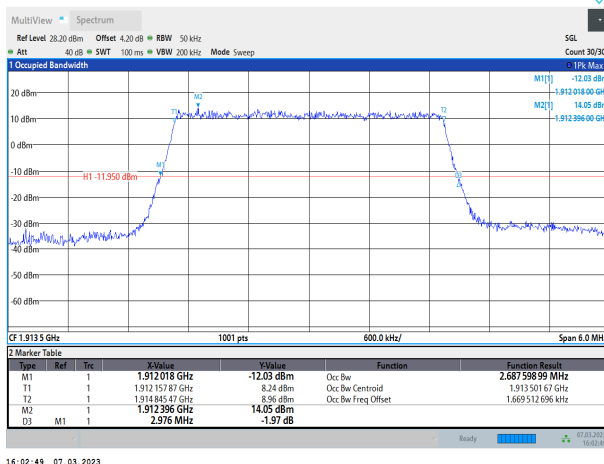
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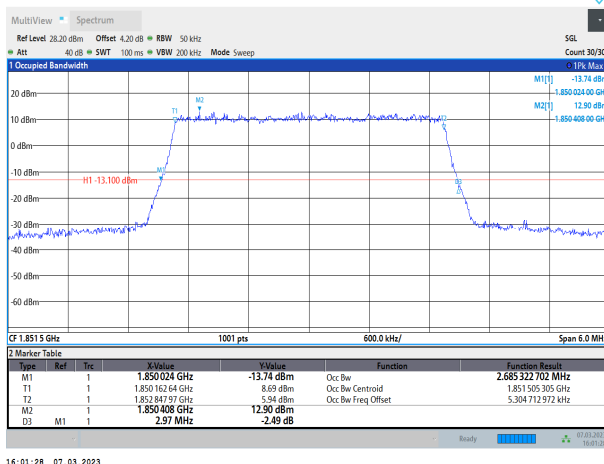
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Band25-3MHz-16QAM-26675-15RB#0



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



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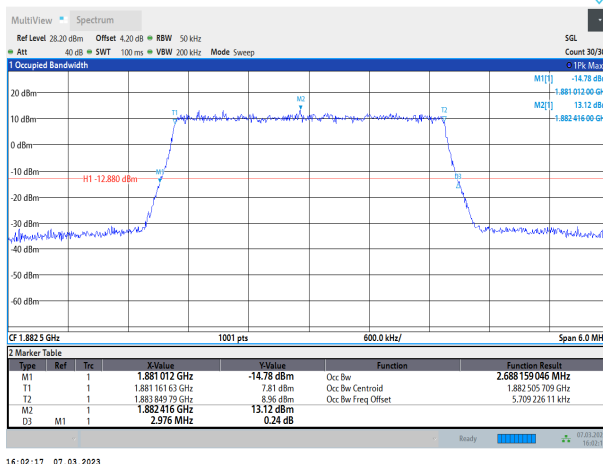
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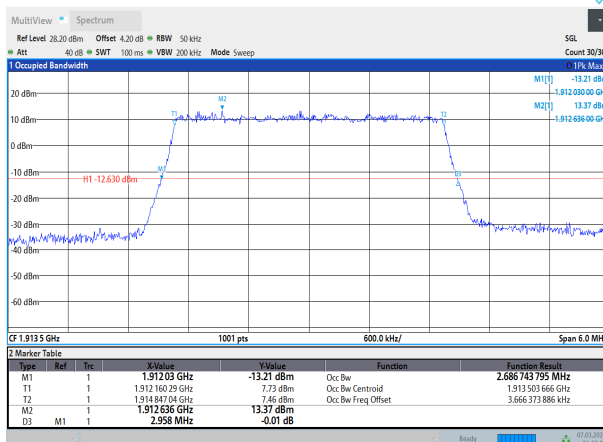
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Band25-3MHz-64QAM-26675-15RB#0



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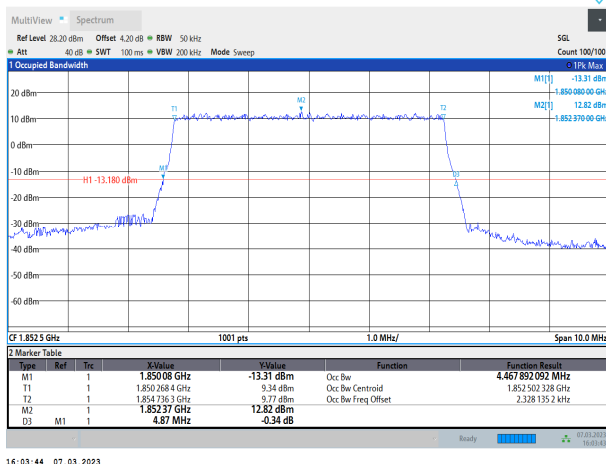
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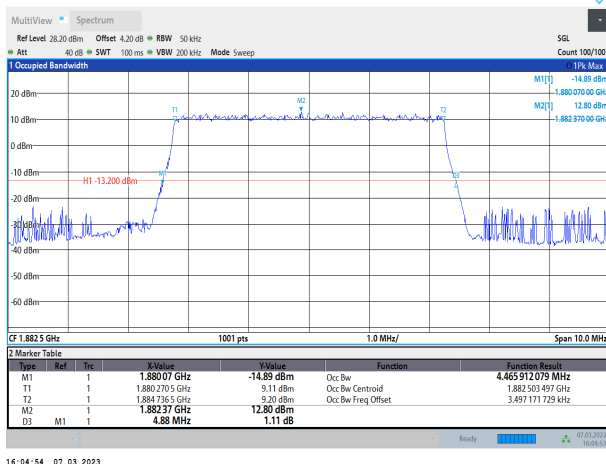
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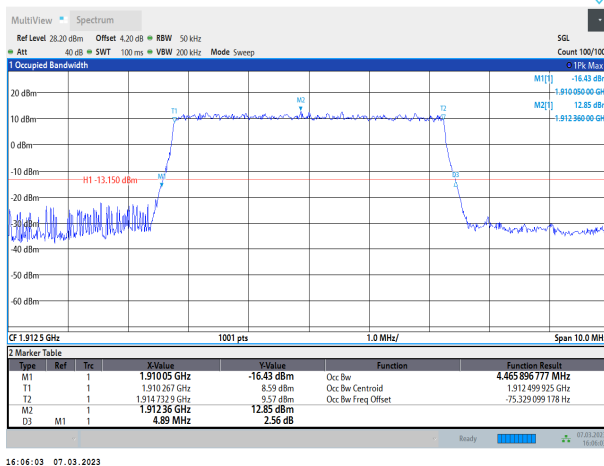


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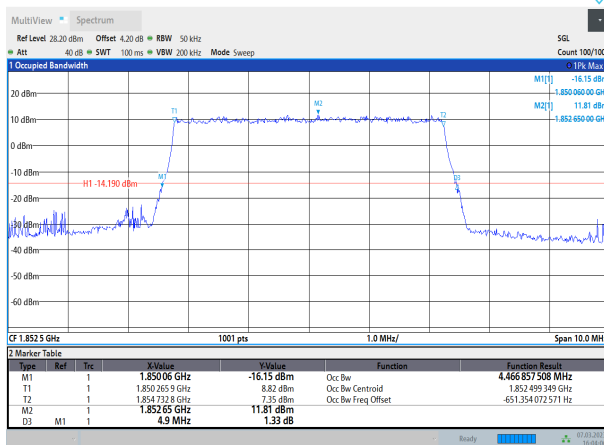
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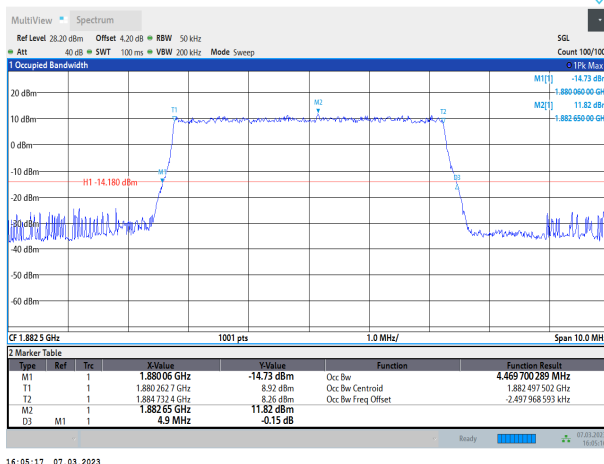
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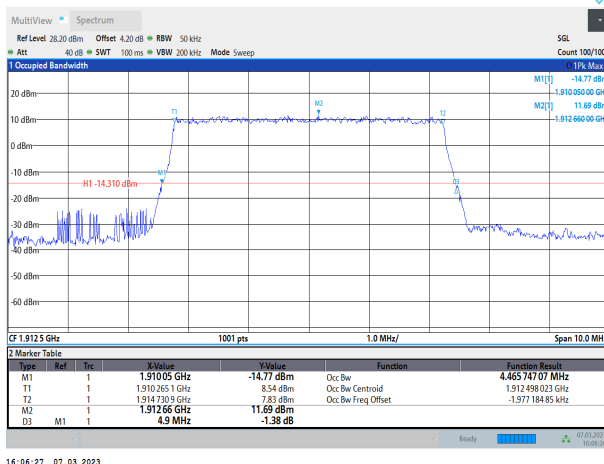
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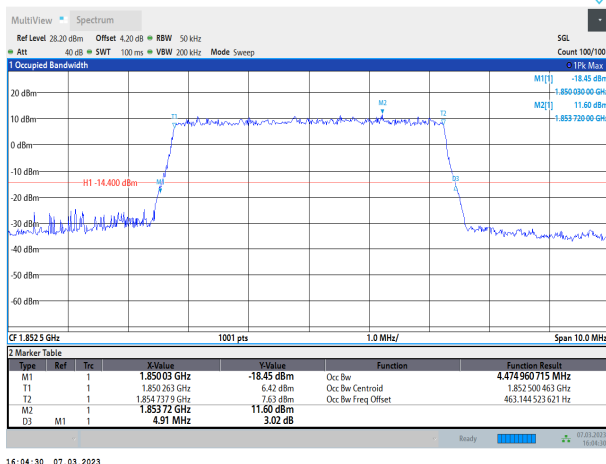


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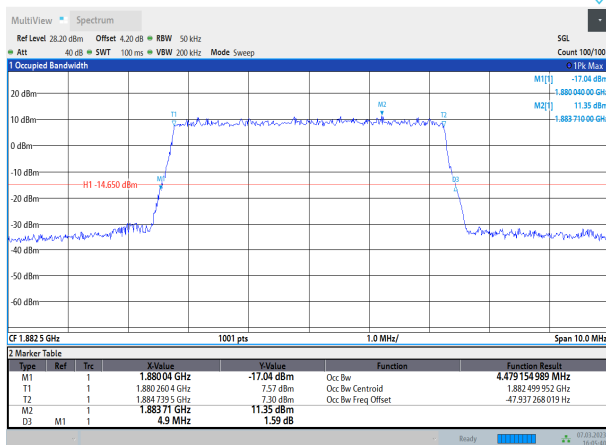
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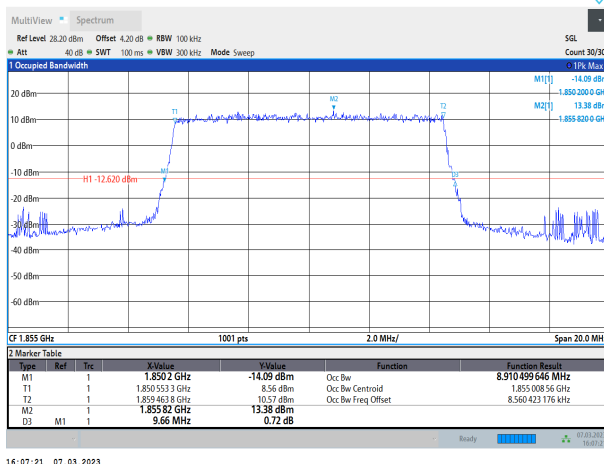
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Band25-10MHz-QPSK-26090-50RB#0



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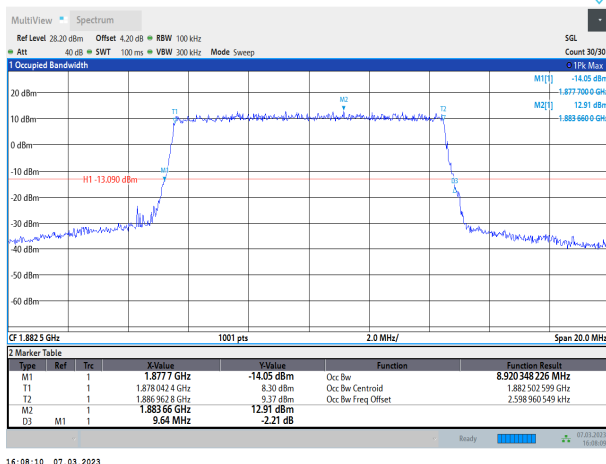
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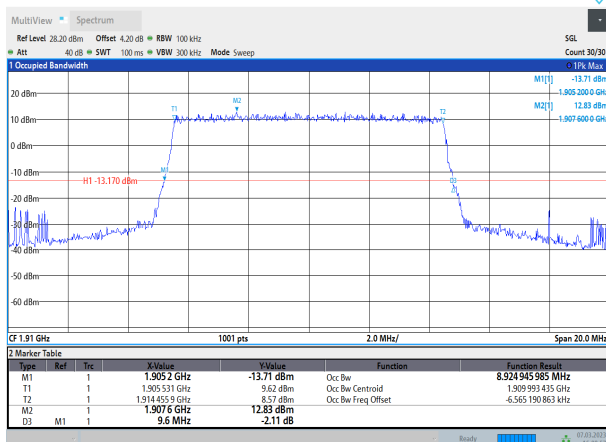
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Band25-10MHz-QPSK-26640-50RB#0



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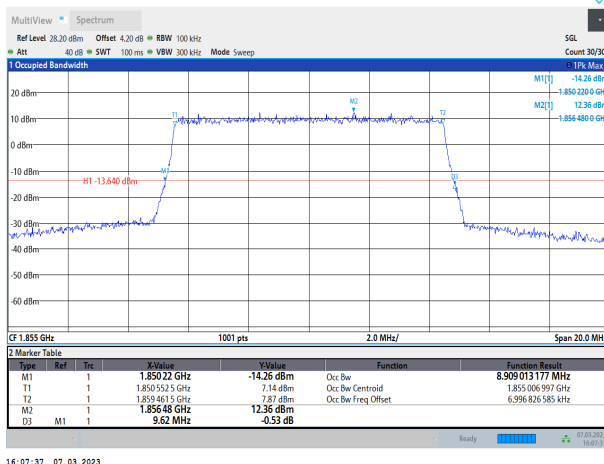
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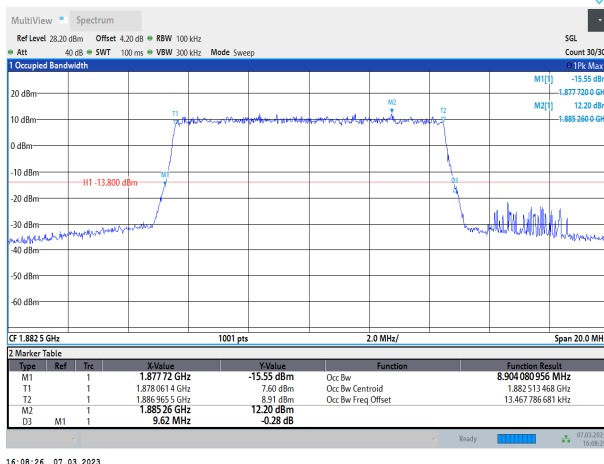
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Band25-10MHz-16QAM-26365-50RB#0

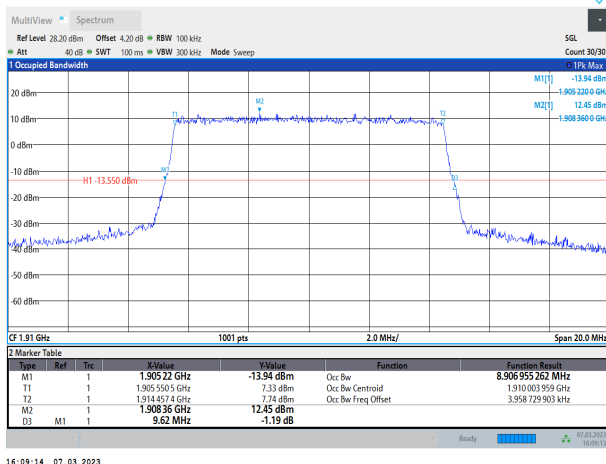


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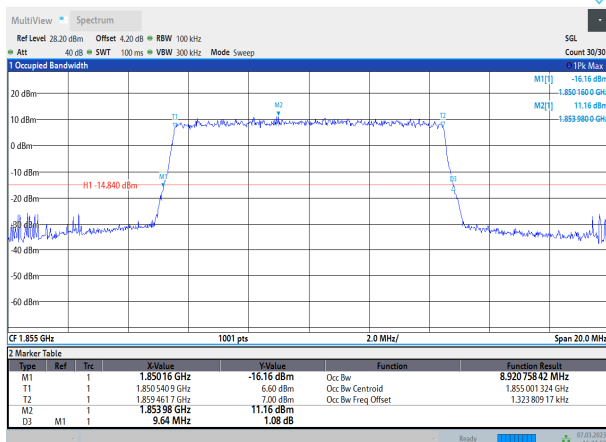
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Band25-10MHz-16QAM-26640-50RB#0



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Band25-10MHz-64QAM-26090-50RB#0



16:07:53 07.03.2023



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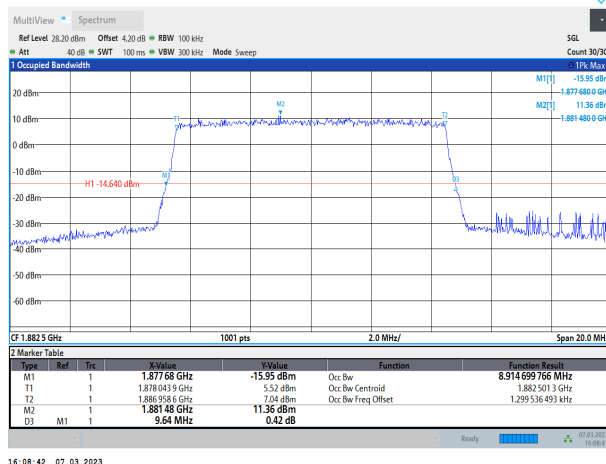
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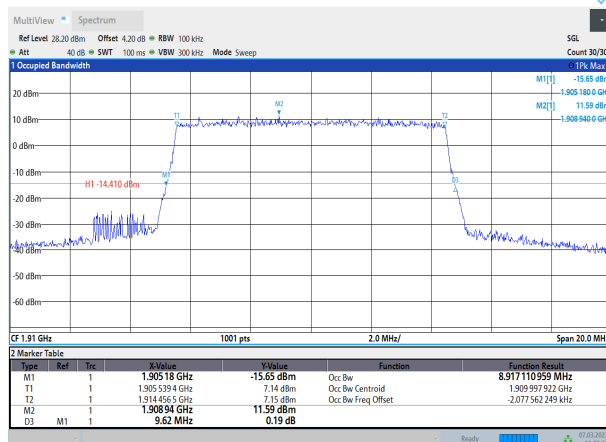
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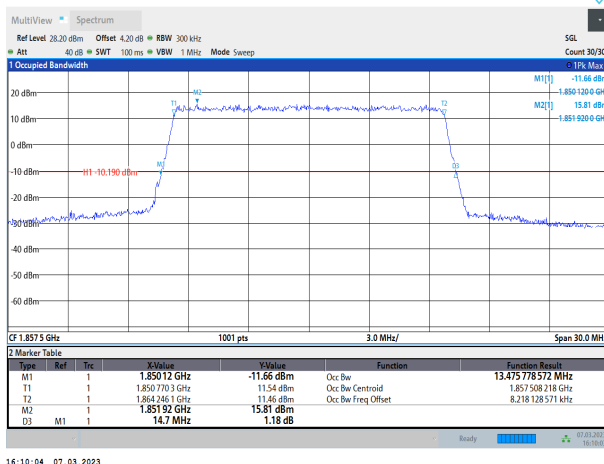
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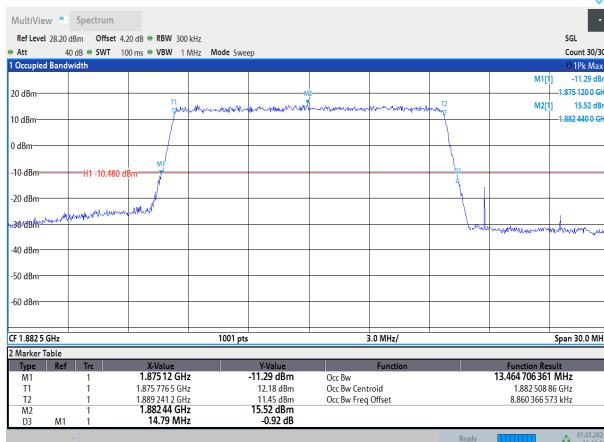
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Band25-15MHz-QPSK-26115-75RB#0



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



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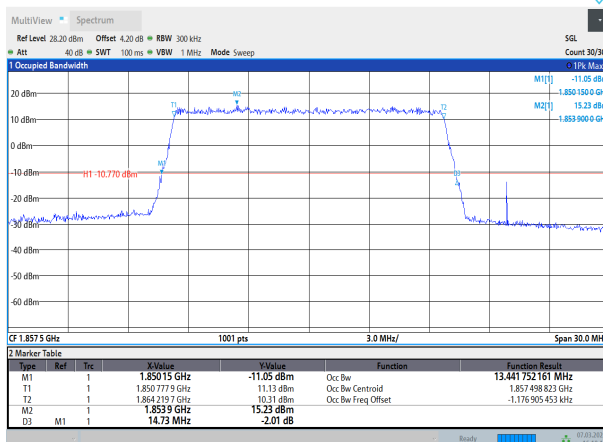
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Band25-15MHz-QPSK-26615-75RB#0



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



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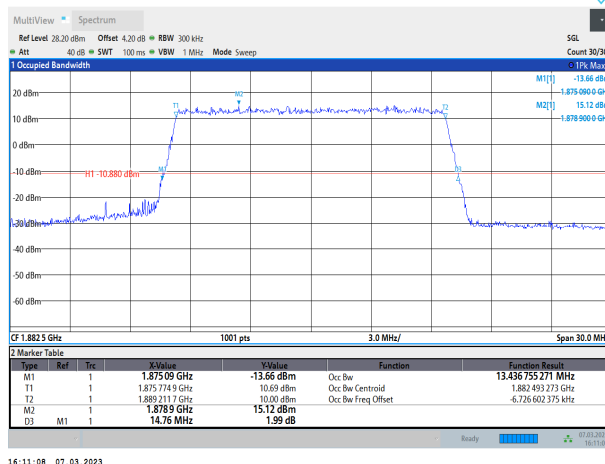
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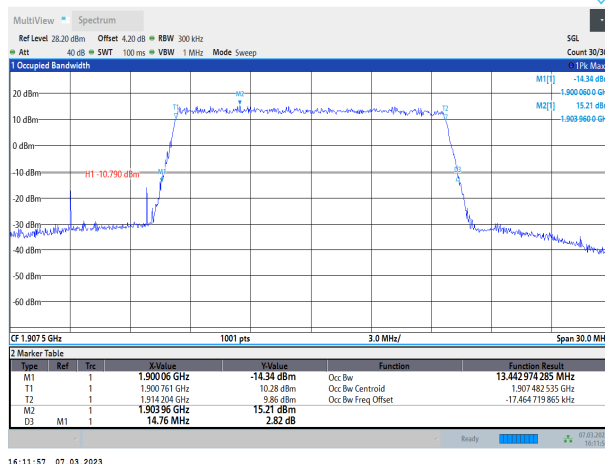
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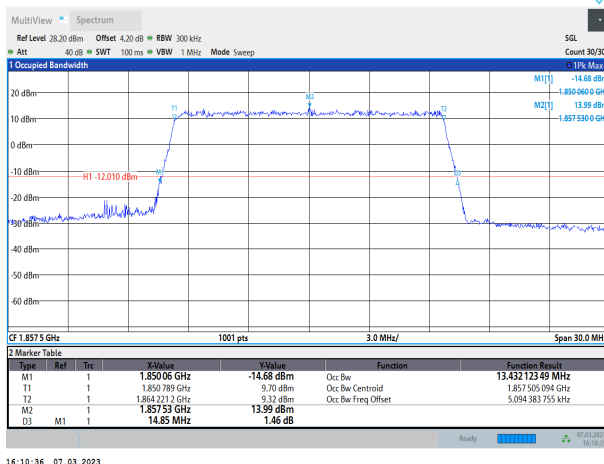
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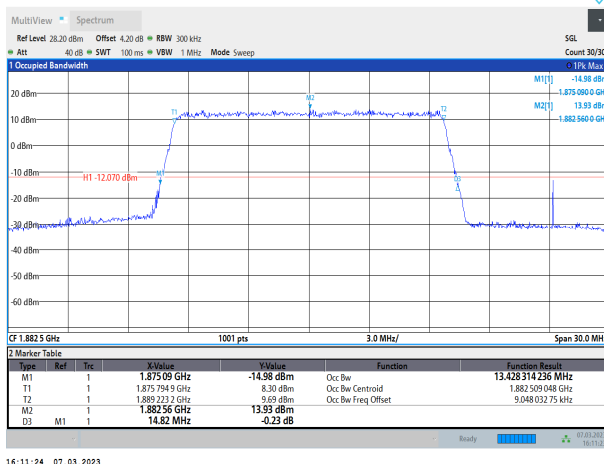
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Band25-15MHz-64QAM-26365-75RB#0

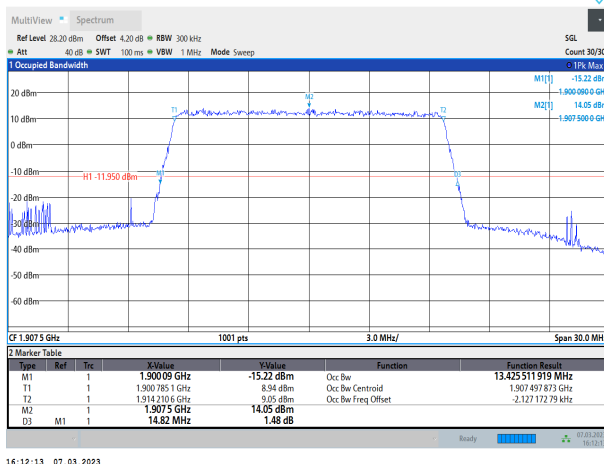


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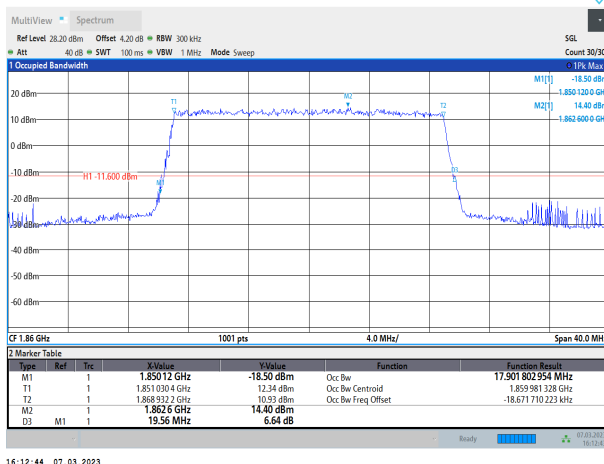
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Band25-20MHz-QPSK-26140-100RB#0

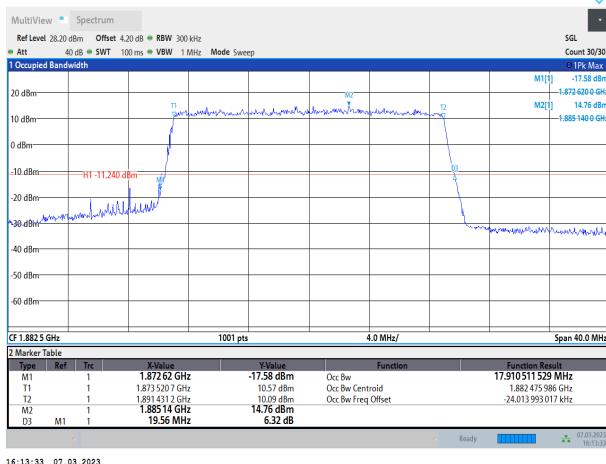


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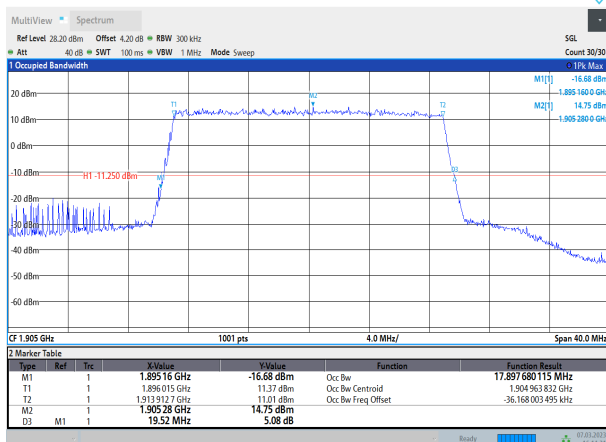
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16:19:33 07.03.2023

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



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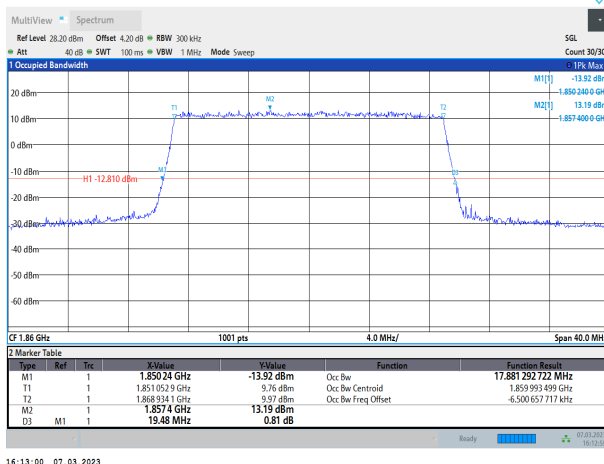
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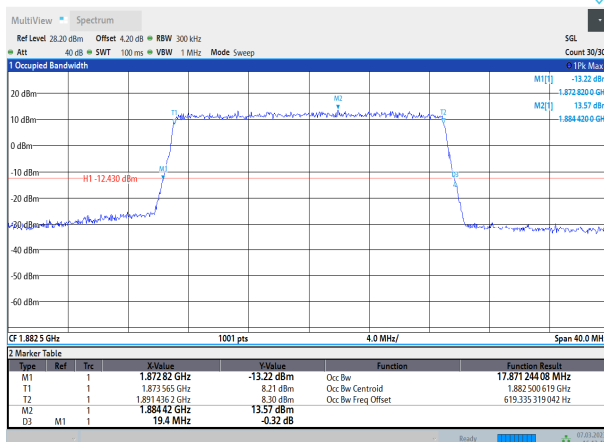
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Band25-20MHz-16QAM-26365-100RB#0



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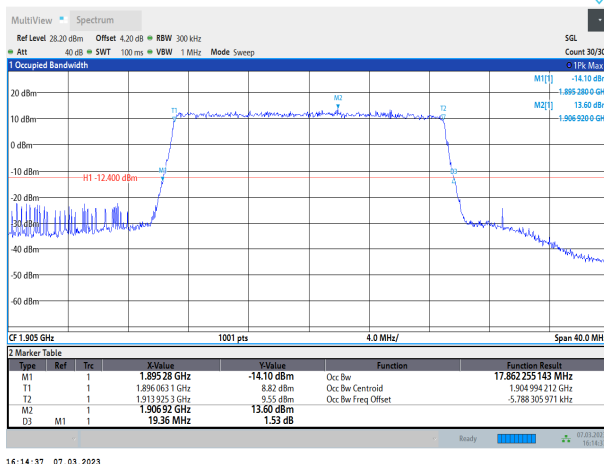
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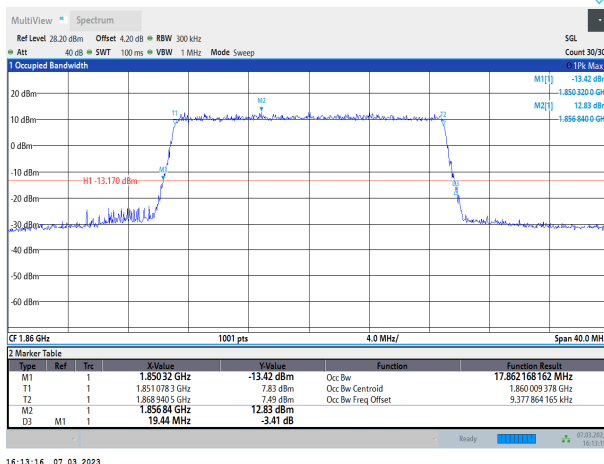
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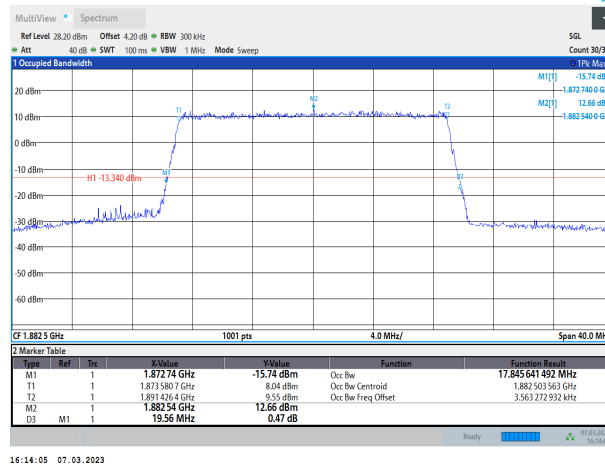
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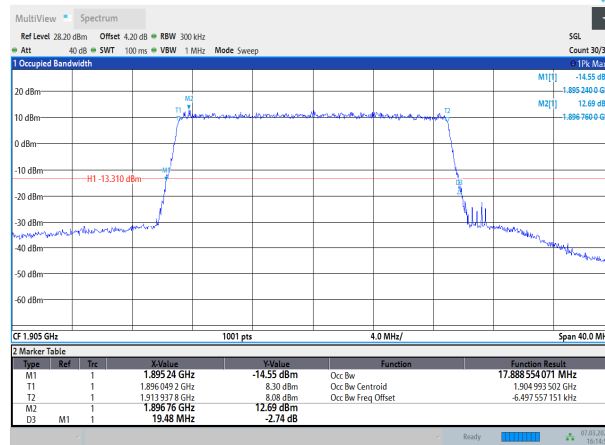
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Band Edge

Test Graphs

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



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



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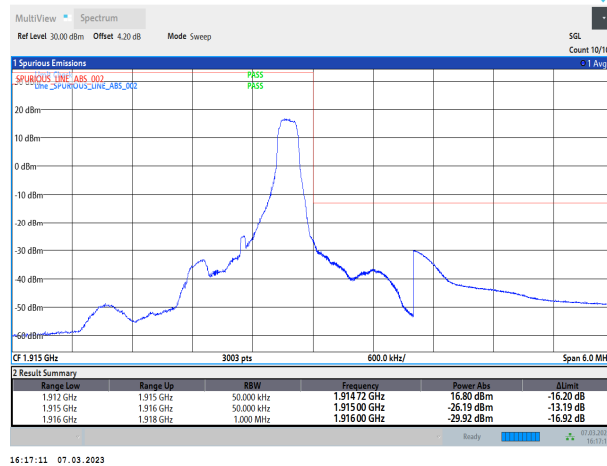
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Band25-1.4MHz-QPSK-26683-1RB#5



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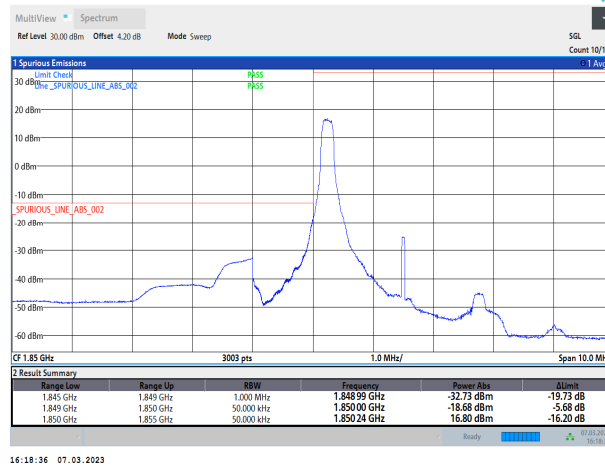
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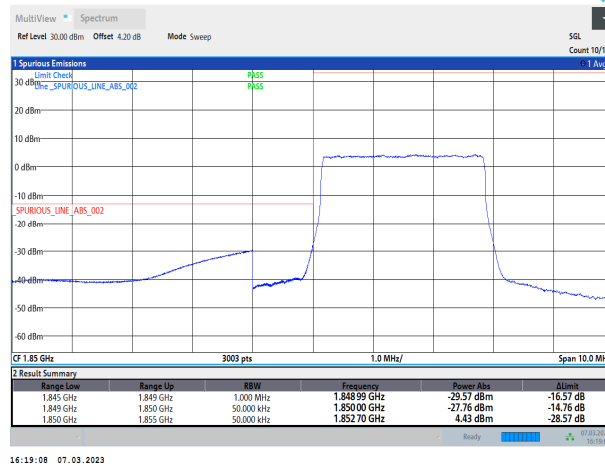
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Band25-3MHz-QPSK-26055-15RB#0



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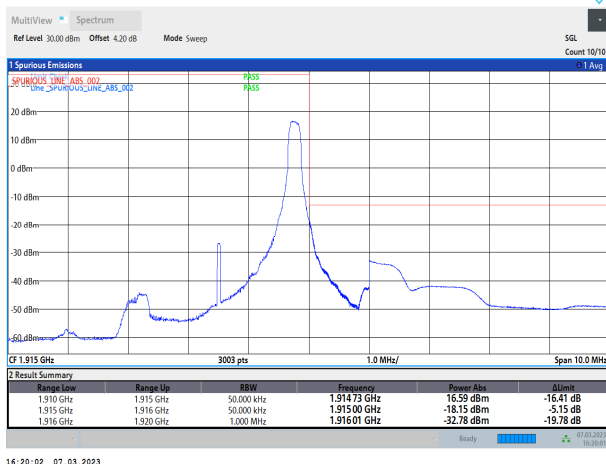
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Band25-3MHz-QPSK-26675-1RB#14



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



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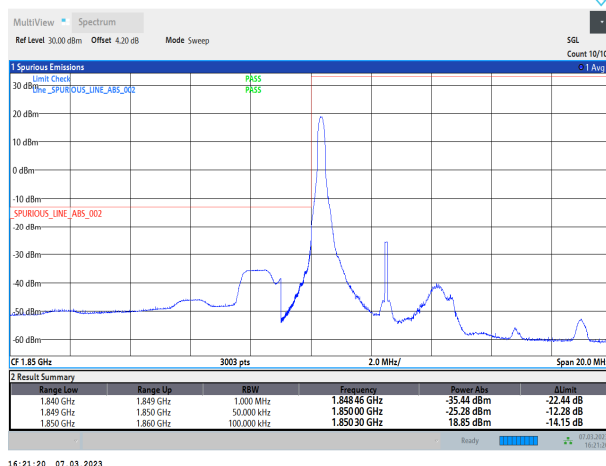
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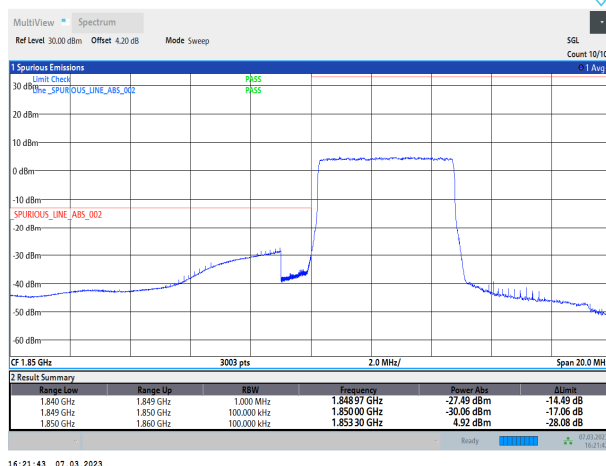
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Band25-5MHz-QPSK-26065-1RB#0



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



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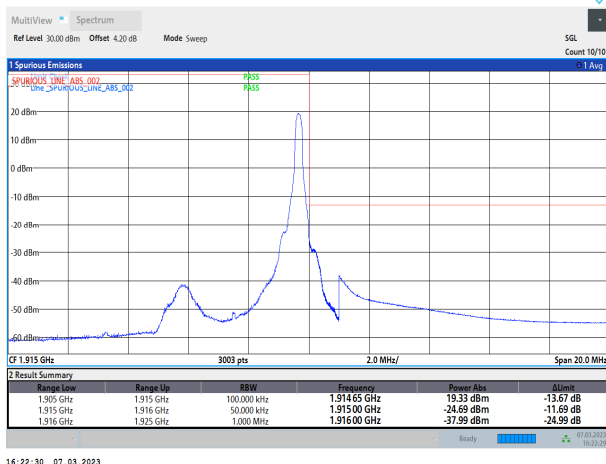
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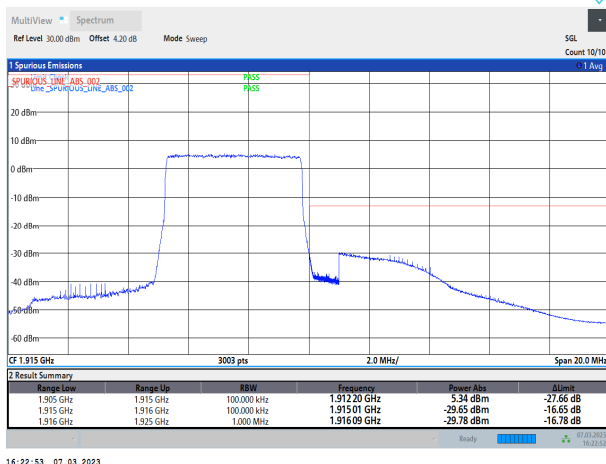
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Band25-5MHz-QPSK-26665-25RB#0

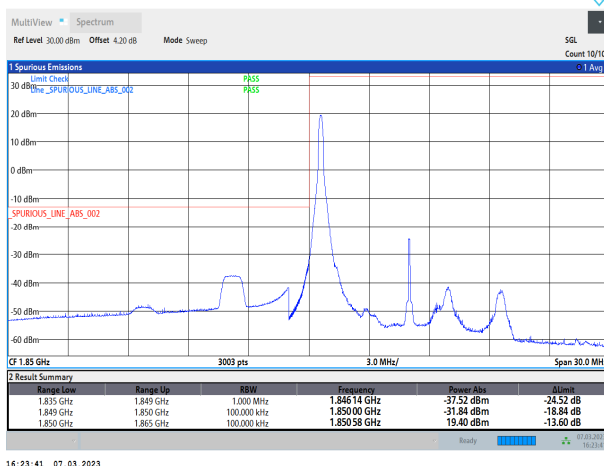


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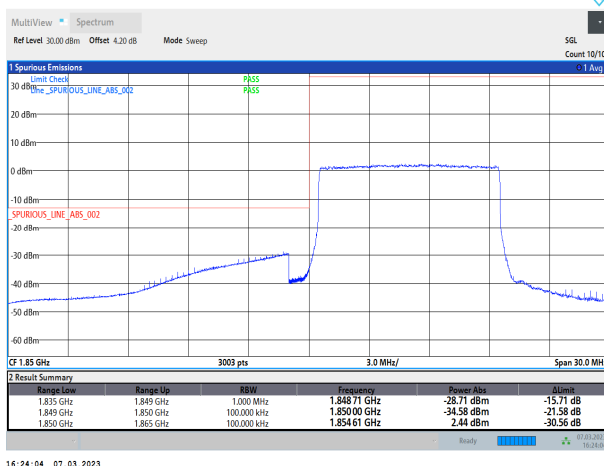
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Band25-10MHz-QPSK-26090-50RB#0



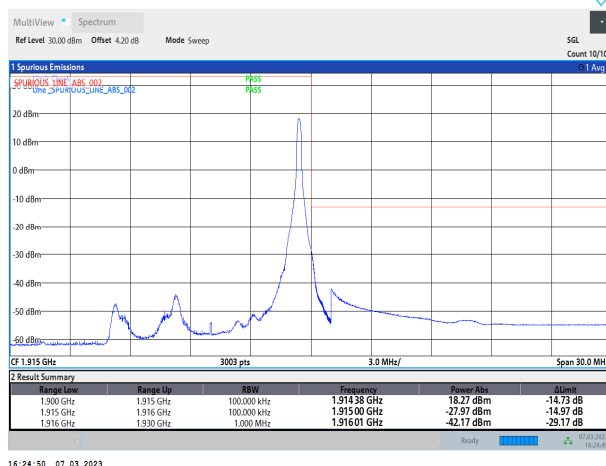
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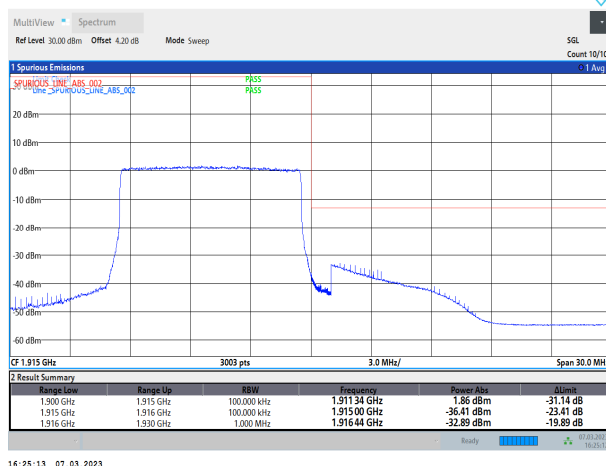
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Band25-10MHz-QPSK-26640-50RB#0

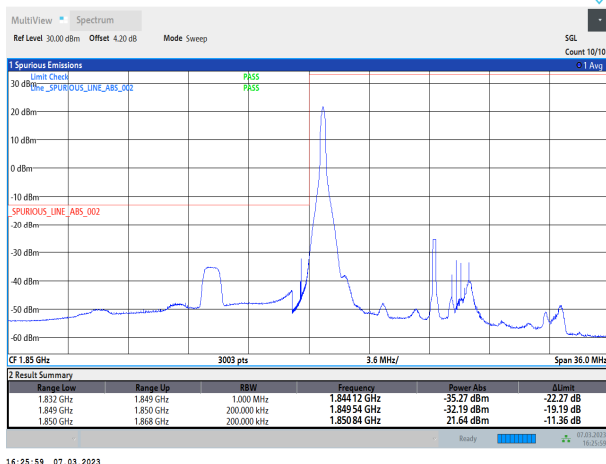


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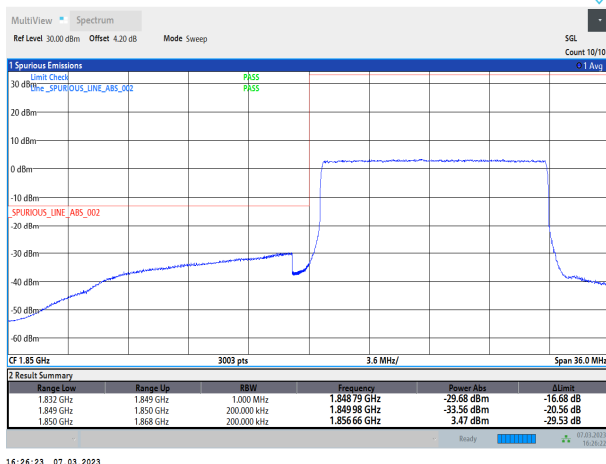
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Band25-15MHz-QPSK-26115-1RB#0



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



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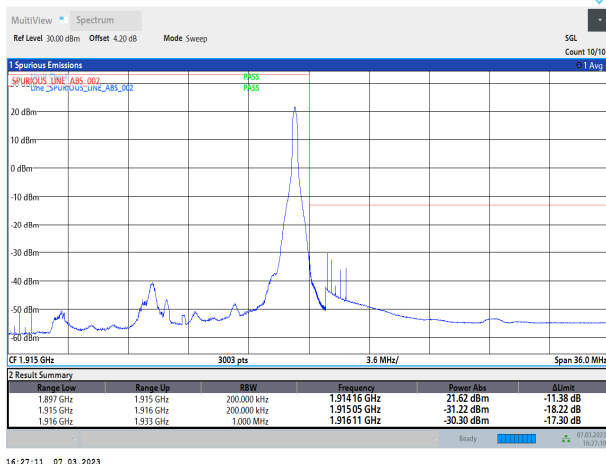
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Band25-15MHz-QPSK-26615-1RB#74



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



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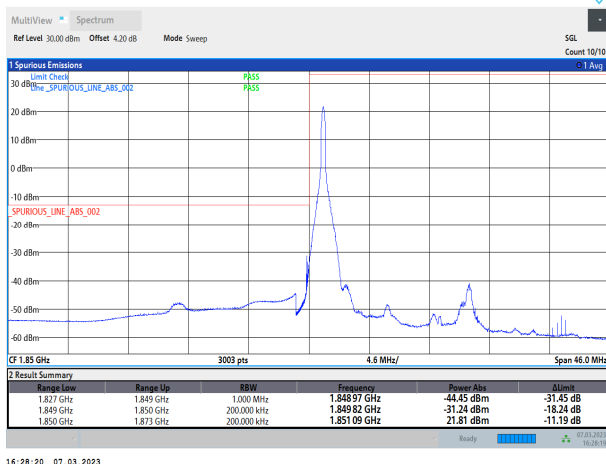
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Band25-20MHz-QPSK-26140-1RB#0



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



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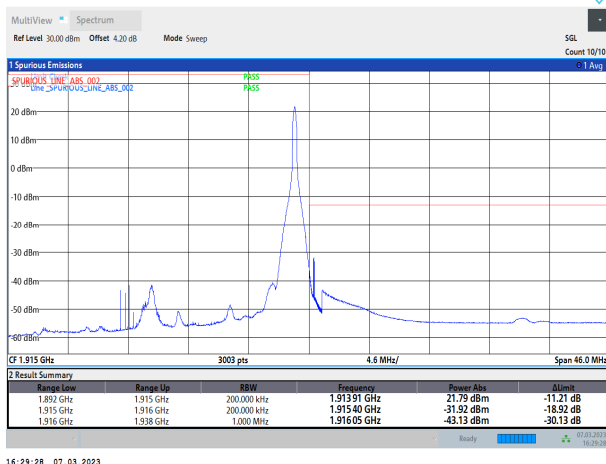
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Band25-20MHz-QPSK-26590-1RB#99



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



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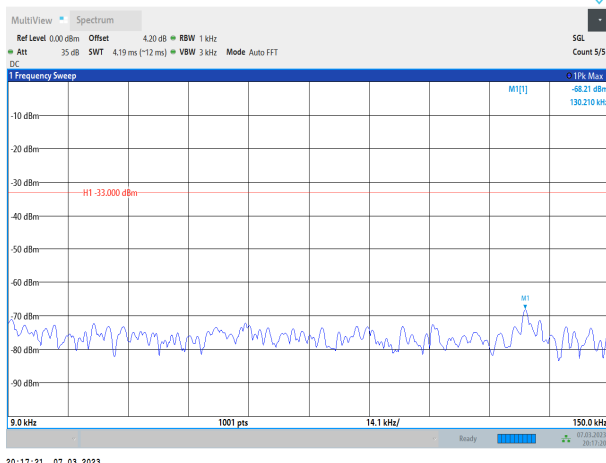
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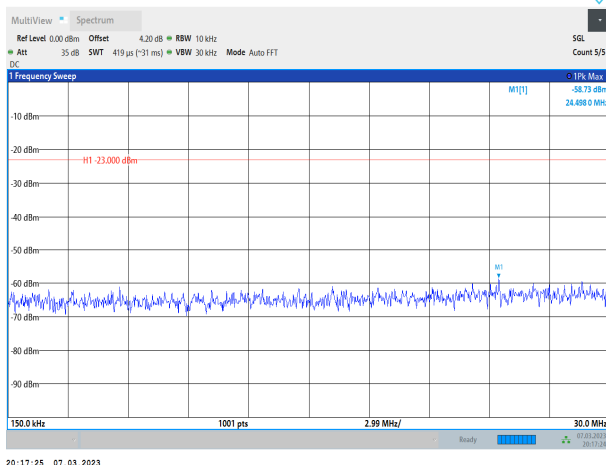
Conducted Spurious Emission

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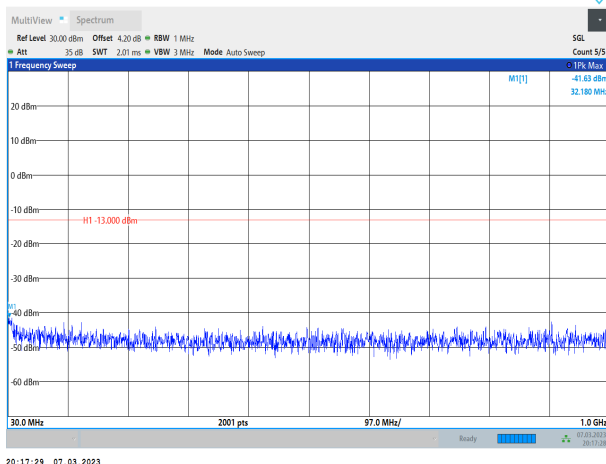
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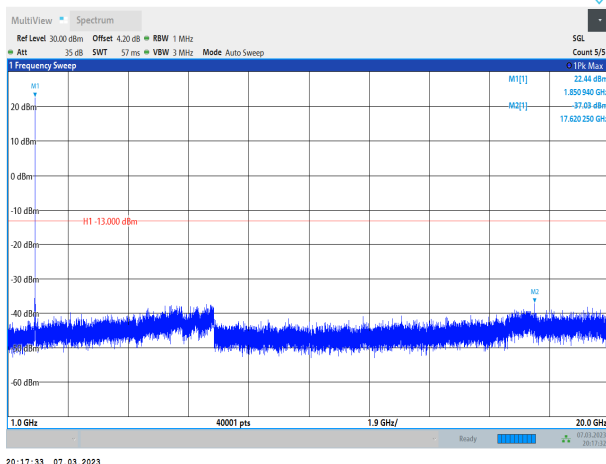
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Band25-20MHz-QPSK-26140-1RB#0-Range3:30~1000MHz



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



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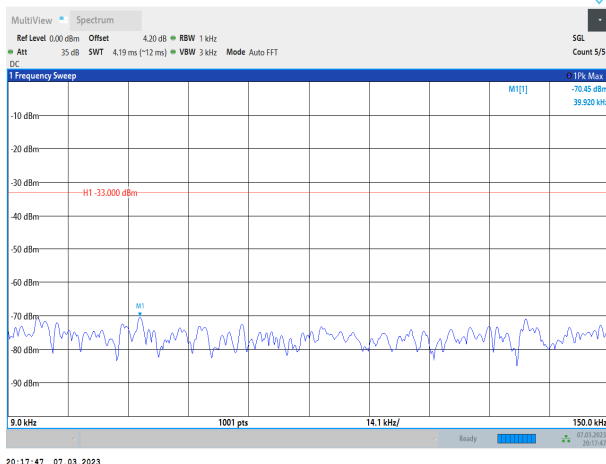
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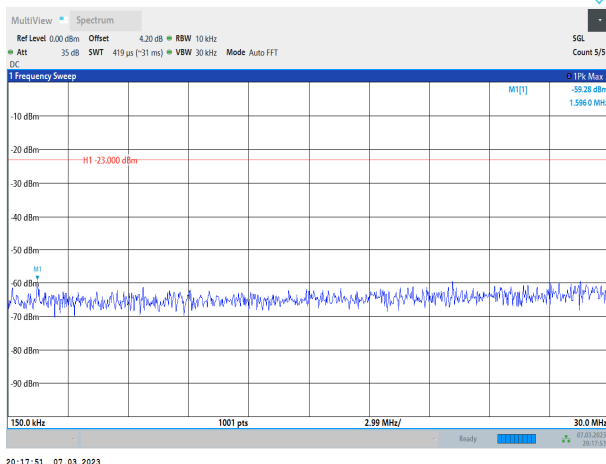
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Band25-20MHz-QPSK-26365-1RB#0-Range1:0.009~0.15MHz



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



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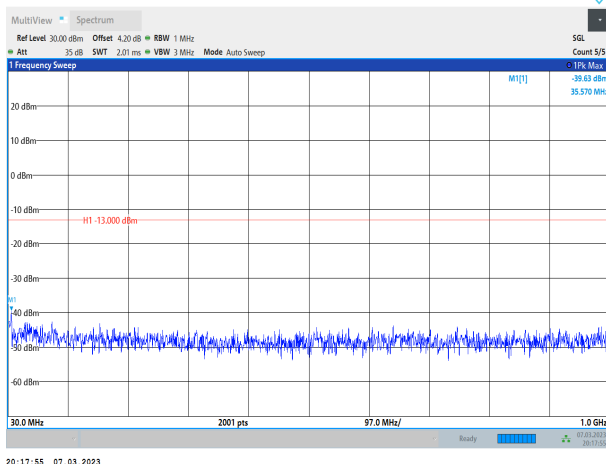
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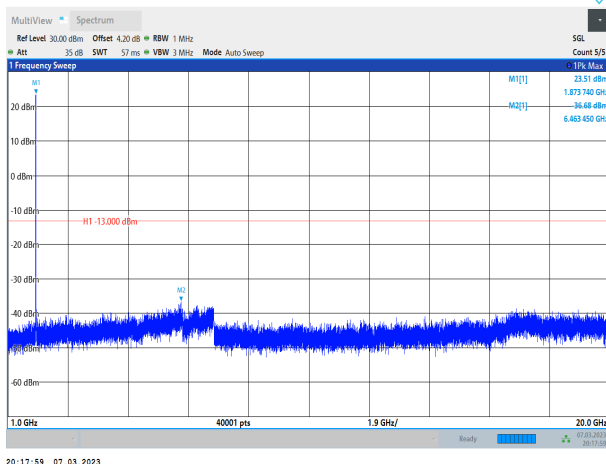
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Band25-20MHz-QPSK-26365-1RB#0-Range3:30~1000MHz



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



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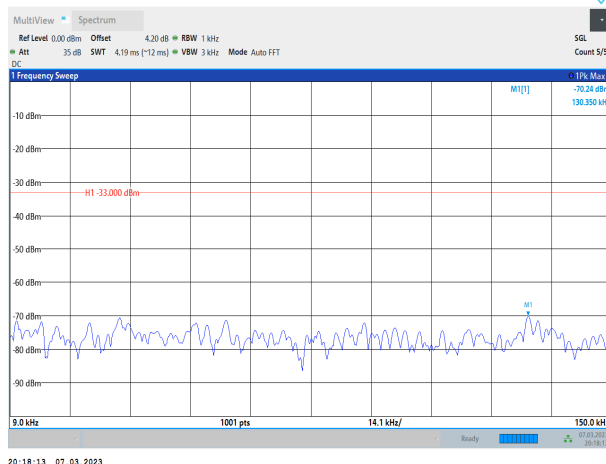
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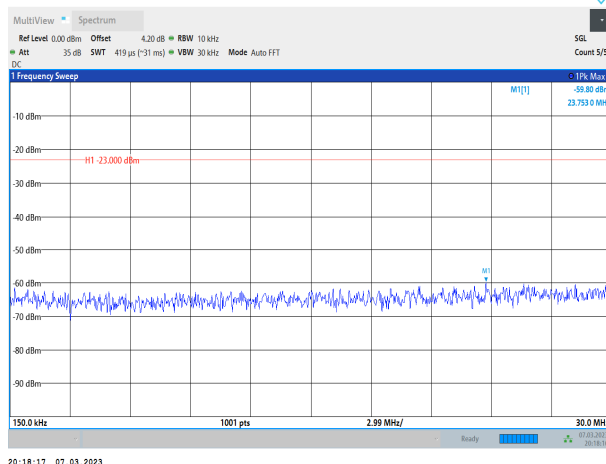
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Band25-20MHz-QPSK-26590-1RB#0-Range1:0.009~0.15MHz



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



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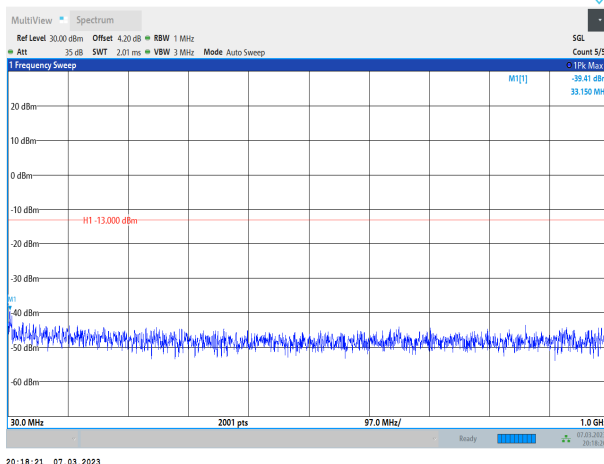
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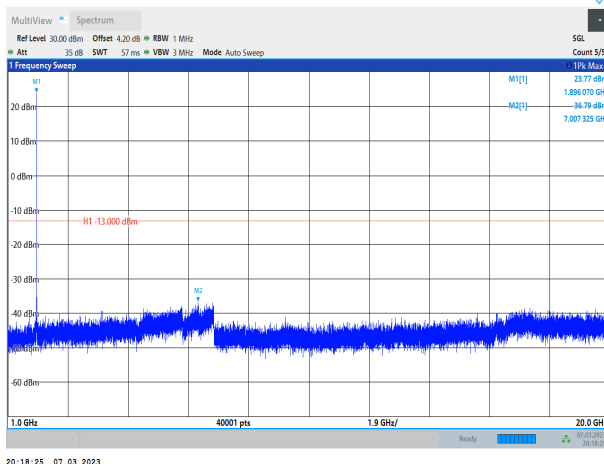
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Band25-20MHz-QPSK-26590-1RB#0-Range3:30~1000MHz



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 Channel

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	42.07	-45.69	29.89	-69.00	-13.00	56.00	142	1	Horizontal
2	5553.27	40.43	-43.87	32.77	-65.93	-13.00	52.93	193	96	Horizontal
3	7404.36	38.54	-41.96	36.44	-62.24	-13.00	49.24	218	229	Horizontal
4	9255.45	33.33	-38.39	38.57	-61.75	-13.00	48.75	176	0	Horizontal
5	11106.54	31.79	-35.35	39.49	-59.33	-13.00	46.33	229	148	Horizontal
6	12957.63	33.25	-34.89	39.56	-57.35	-13.00	44.35	213	130	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	41.77	-45.69	29.89	-69.30	-13.00	56.30	189	16	Vertical
2	5553.27	41.94	-43.87	32.77	-64.42	-13.00	51.42	264	16	Vertical
3	7404.36	39.51	-41.96	36.44	-61.27	-13.00	48.27	135	327	Vertical
4	9255.45	33.59	-38.39	38.57	-61.49	-13.00	48.49	219	357	Vertical
5	11106.54	31.78	-35.35	39.49	-59.34	-13.00	46.34	266	31	Vertical
6	12957.63	33.41	-34.89	39.56	-57.19	-13.00	44.19	178	161	Vertical



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Test Band = LTE Band 25_ TM1**Test Channel = Mid Channel****Final Data List**

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	41.43	-45.59	29.98	-69.43	-13.00	56.43	149	359	Horizontal
2	5613.27	40.52	-43.84	32.96	-65.62	-13.00	52.62	215	129	Horizontal
3	7484.36	39.48	-41.66	36.49	-60.95	-13.00	47.95	163	227	Horizontal
4	9355.45	34.68	-38.26	38.56	-60.28	-13.00	47.28	188	360	Horizontal
5	11226.54	32.11	-35.07	39.37	-58.84	-13.00	45.84	179	351	Horizontal
6	13097.63	32.90	-34.47	39.66	-57.17	-13.00	44.17	215	15	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	41.42	-45.59	29.98	-69.44	-13.00	56.44	179	360	Vertical
2	5613.27	40.20	-43.84	32.96	-65.94	-13.00	52.94	269	163	Vertical
3	7484.36	38.95	-41.66	36.49	-61.48	-13.00	48.48	182	297	Vertical
4	9355.45	35.19	-38.26	38.56	-59.77	-13.00	46.77	147	33	Vertical
5	11226.54	32.36	-35.07	39.37	-58.59	-13.00	45.59	156	113	Vertical
6	13097.63	31.96	-34.47	39.66	-58.11	-13.00	45.11	229	264	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	40.13	-45.45	30.10	-70.48	-13.00	57.48	228	148	Horizontal
2	5688.27	40.66	-43.75	33.20	-65.15	-13.00	52.15	193	342	Horizontal
3	7584.36	37.39	-41.31	36.67	-62.51	-13.00	49.51	168	294	Horizontal
4	9480.45	35.77	-38.15	38.55	-59.09	-13.00	46.09	172	312	Horizontal
5	11376.54	32.57	-35.48	39.22	-58.95	-13.00	45.95	199	358	Horizontal
6	13272.63	31.90	-35.12	39.76	-58.71	-13.00	45.71	213	131	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	40.08	-45.45	30.10	-70.53	-13.00	57.53	259	360	Vertical
2	5688.27	40.70	-43.75	33.20	-65.11	-13.00	52.11	233	343	Vertical
3	7584.36	37.79	-41.31	36.67	-62.11	-13.00	49.11	298	50	Vertical
4	9480.45	35.01	-38.15	38.55	-59.85	-13.00	46.85	174	353	Vertical
5	11376.54	32.30	-35.48	39.22	-59.22	-13.00	46.22	152	343	Vertical
6	13272.63	32.11	-35.12	39.76	-58.50	-13.00	45.50	166	167	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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