

Report No.: SEWA2205000012RG01

Rev.: 01

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Appendix B.9

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	22.92	24.51	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.12	24.71	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	22.85	24.44	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.07	23.66	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.12	24.71	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.12	24.71	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.93	24.52	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.94	23.53	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.31	24.9	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.02	24.61	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.89	24.48	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.65	23.24	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.07	23.66	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.94	23.53	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	21.85	23.44	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.95	22.54	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	21.95	23.54	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.56	23.15	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.78	23.37	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.97	22.56	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	21.83	23.42	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	22.09	23.68	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	21.94	23.53	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	20.99	22.58	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.02	24.61	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.12	24.71	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	22.94	24.53	33	PASS



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Band25	3MHz	QPSK	26055	15RB#0	21.85	23.44	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.95	24.54	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.12	24.71	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.96	24.55	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.95	23.54	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.96	24.55	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.01	24.6	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.21	24.8	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.32	23.91	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.16	23.75	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	21.74	23.33	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.34	23.93	33	PASS
Band25	3MHz	16QAM	26055	15RB#0	21.09	22.68	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	21.34	22.93	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.16	23.75	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	21.67	23.26	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.18	22.77	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.18	23.77	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.05	23.64	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.99	23.58	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	20.85	22.44	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.94	24.53	33	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.12	24.71	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.95	24.54	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.01	23.6	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.21	24.8	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.10	24.69	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.12	24.71	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.05	23.64	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.94	24.53	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.02	24.61	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	23.85	25.44	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.75	24.34	33	PASS



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Band25	5MHz	16QAM	26065	1RB#0	22.45	24.04	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.41	24	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.39	23.98	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.62	22.21	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.33	23.92	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	21.95	23.54	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.34	23.93	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	20.83	22.42	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.74	23.33	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.32	23.91	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.94	23.53	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.65	22.24	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.98	24.57	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.05	24.64	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.36	24.95	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.36	23.95	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.96	24.55	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.74	24.33	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.65	24.24	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.52	23.11	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.02	24.61	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.98	24.57	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	22.91	24.5	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.82	23.41	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.48	24.07	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.23	23.82	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.58	24.17	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	20.94	22.53	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.34	23.93	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.3	23.89	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	22.52	24.11	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	20.61	22.2	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.52	24.11	33	PASS



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Band25	10MHz	16QAM	26640	1RB#24	22.07	23.66	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.48	24.07	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	20.73	22.32	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.05	24.64	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.12	24.71	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.21	24.8	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.06	23.65	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.91	24.5	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.96	24.55	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.31	24.9	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.33	23.92	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.92	24.51	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.96	24.55	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.18	24.77	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.75	24.34	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.53	24.12	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.35	23.94	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.56	24.15	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.97	22.56	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.63	24.22	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.44	24.03	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.34	23.93	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.04	22.63	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.73	24.32	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.44	24.03	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.52	24.11	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.44	23.03	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.14	24.73	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.78	24.37	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	22.84	24.43	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	21.97	23.56	33	PASS
Band25	20MHz	QPSK	26365	1RB#0	22.83	24.42	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.26	24.85	33	PASS



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Band25	20MHz	QPSK	26365	1RB#99	22.61	24.2	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.06	23.65	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	22.97	24.56	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.14	24.73	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.04	24.63	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.33	23.92	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.51	24.1	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.32	23.91	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.53	24.12	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.04	22.63	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.71	24.3	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.61	24.2	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.36	23.95	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.02	22.61	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.52	24.11	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.45	24.04	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.53	24.12	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.44	23.03	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	6.08	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	6.02	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.88	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.84	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.82	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.74	13	PASS



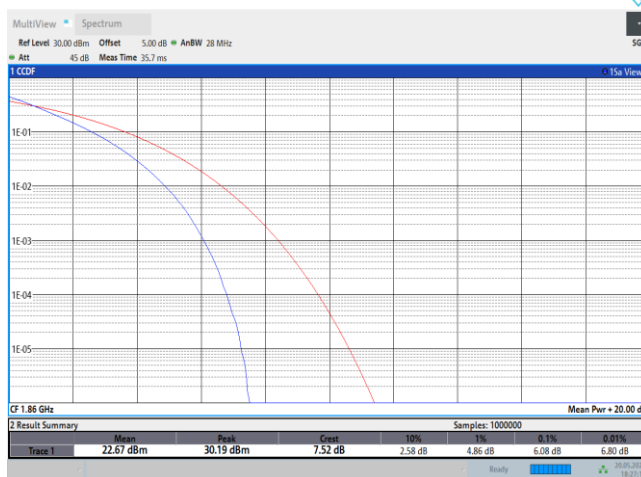
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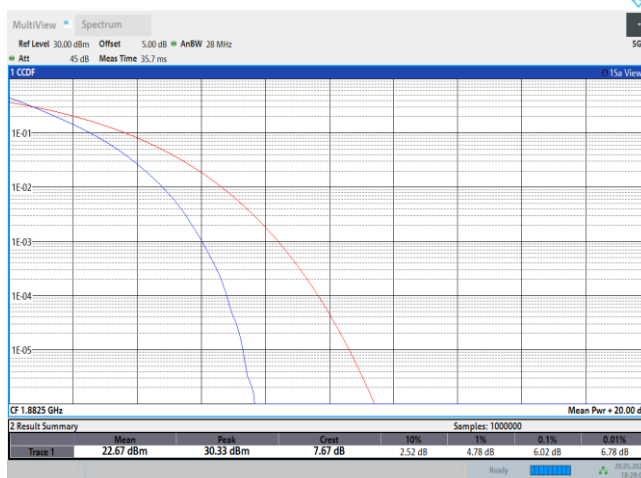
Test Graphs

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



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



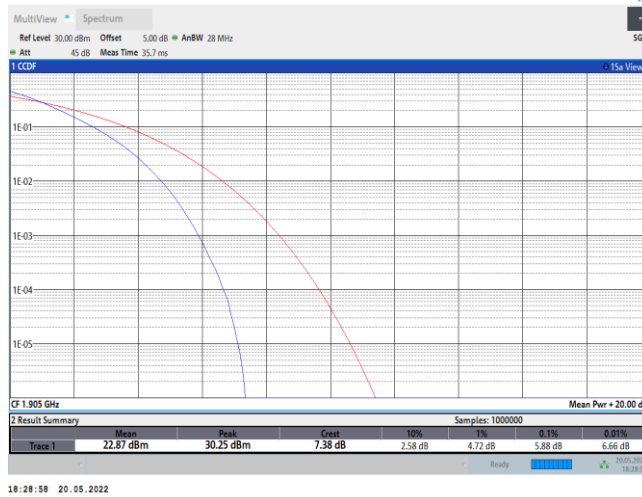
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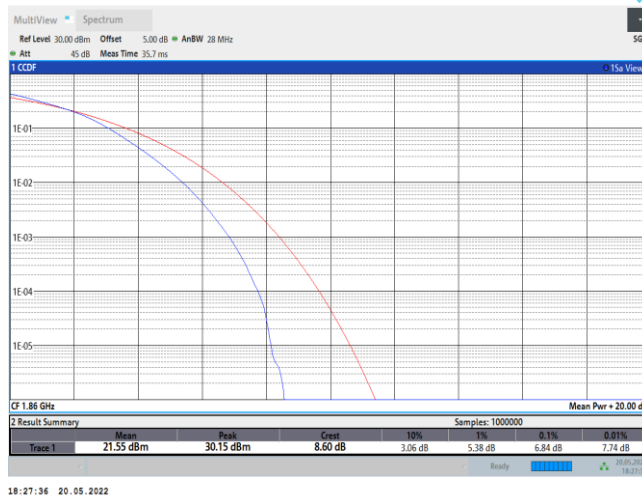
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Band25-20MHz-QPSK-26590-100RB#0



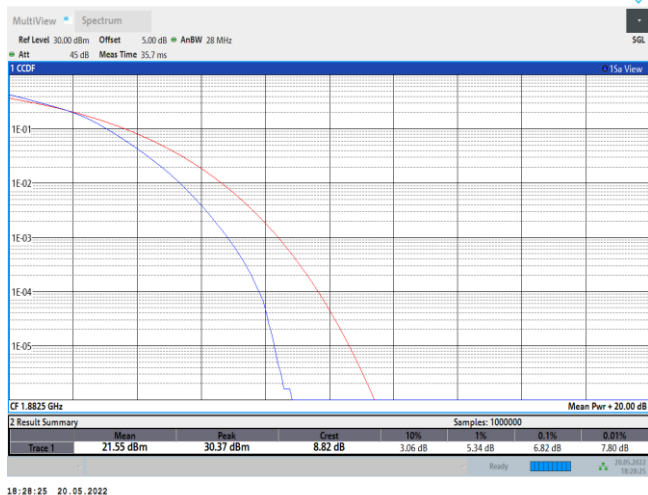
Band25-20MHz-16QAM-26140-100RB#0



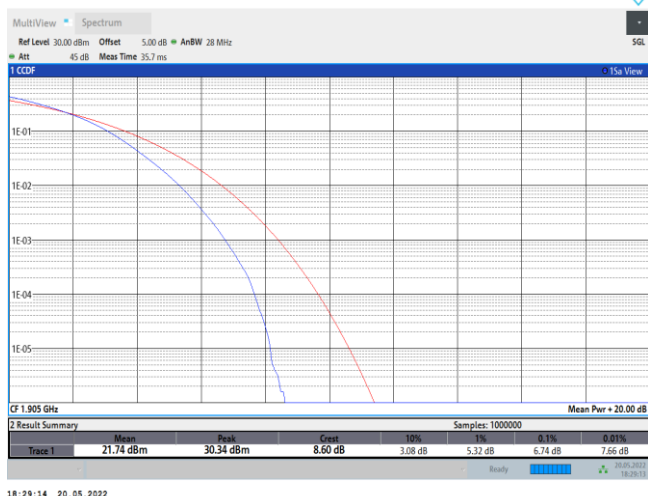
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Band25-20MHz-16QAM-26365-100RB#0



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



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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



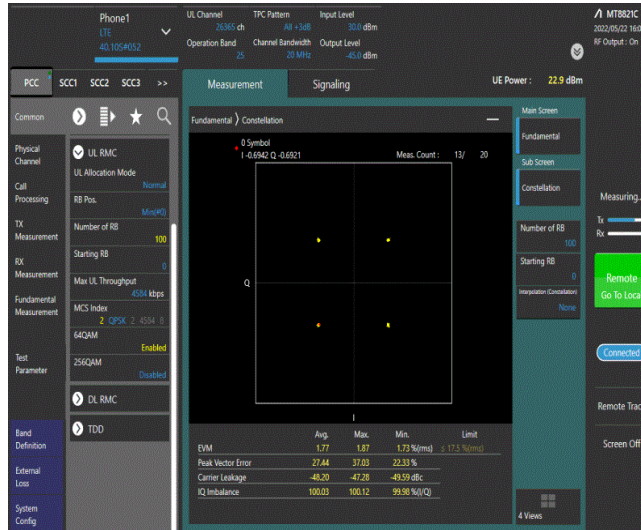
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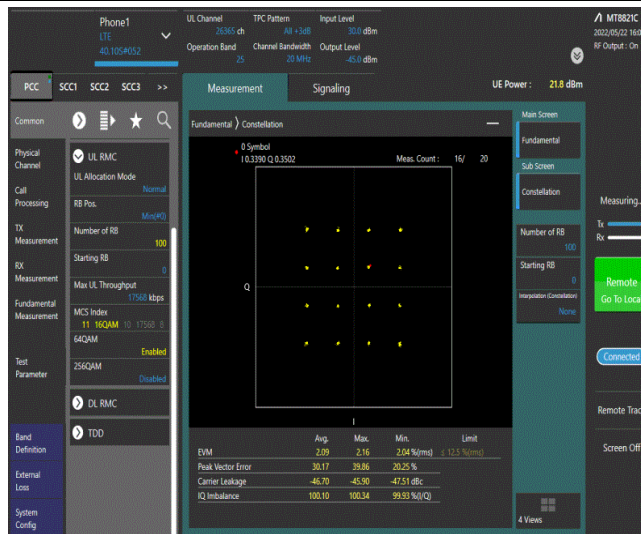
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Test Graphs

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



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



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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	1.09	1.29	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.092	1.29	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.092	1.28	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.096	1.30	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.097	1.30	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.099	1.30	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.695	2.97	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.692	2.94	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.696	2.97	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.692	2.97	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.686	2.96	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.689	2.98	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.465	4.90	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.47	4.92	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.471	4.90	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.462	4.94	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.464	4.94	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.468	4.95	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.902	9.64	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.932	9.70	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.925	9.66	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.903	9.64	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.914	9.66	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.918	9.62	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.451	14.67	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.459	14.70	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.453	14.67	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.438	14.85	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.438	14.88	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.424	14.76	PASS



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Band25	20MHz	QPSK	26140	100RB#0	17.907	19.32	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.895	19.32	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.853	19.20	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.88	19.40	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.883	19.32	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.855	19.28	PASS



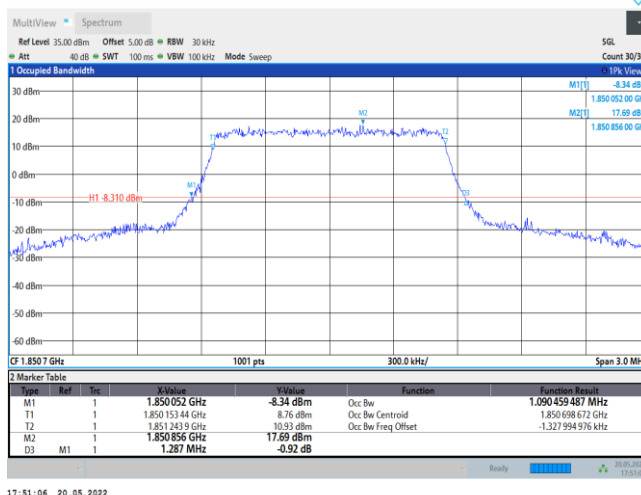
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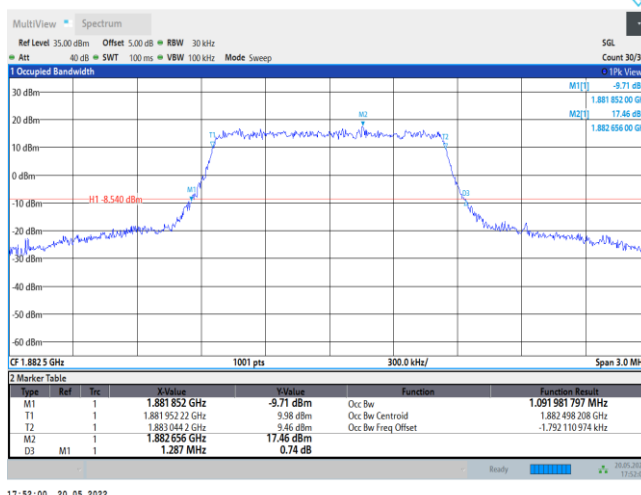
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Test Graphs

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



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

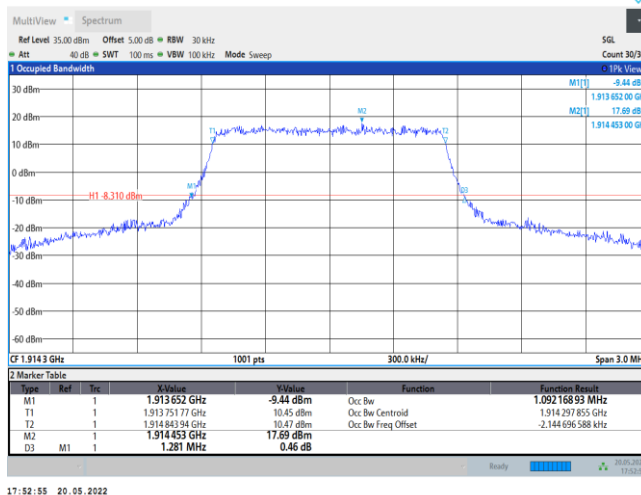


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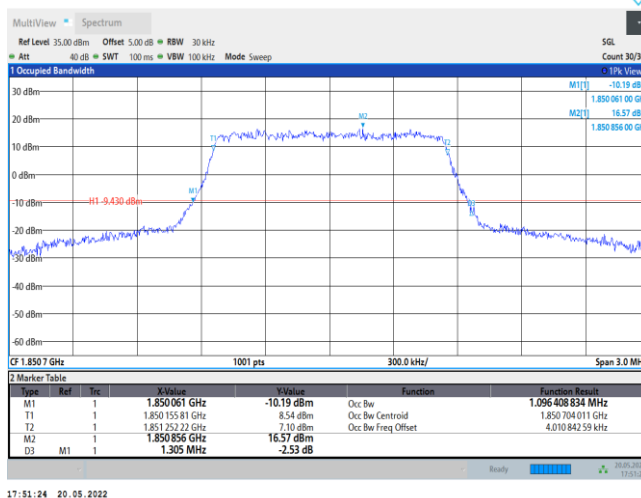
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Band25-1.4MHz-QPSK-26683-6RB#0

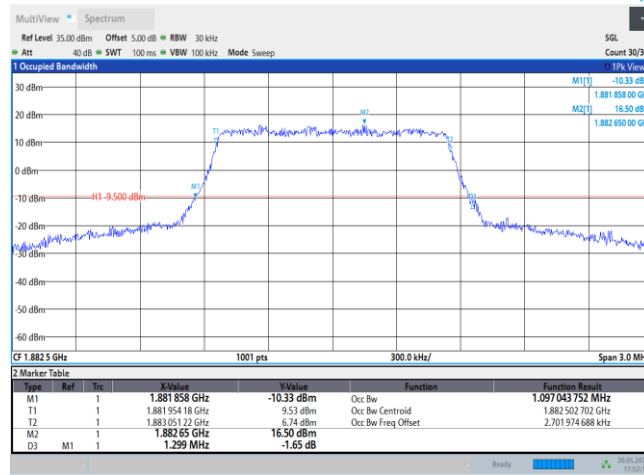


Band25-1.4MHz-16QAM-26047-6RB#0



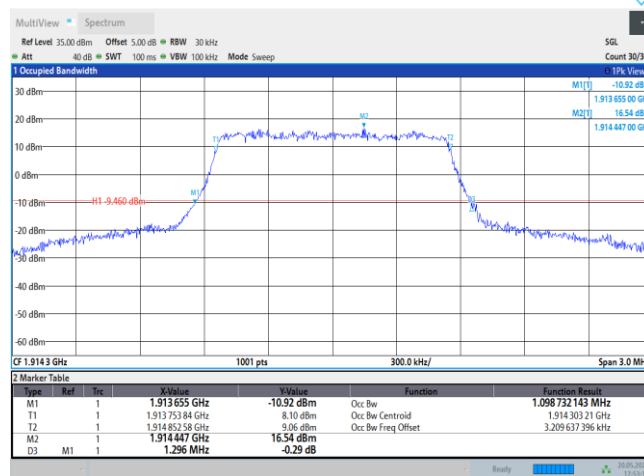
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Band25-1.4MHz-16QAM-26365-6RB#0



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



17:53:13 20.05.2022



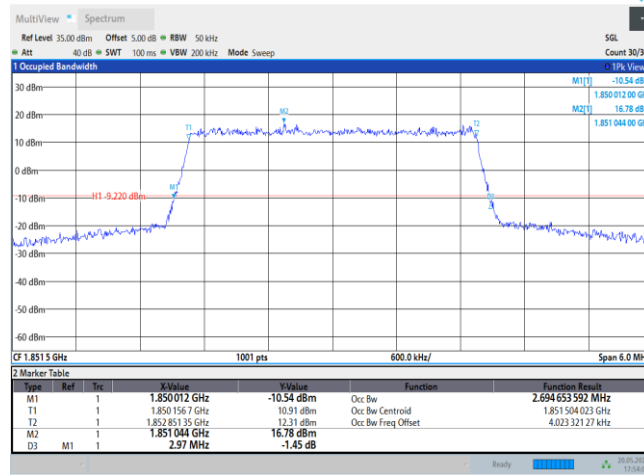
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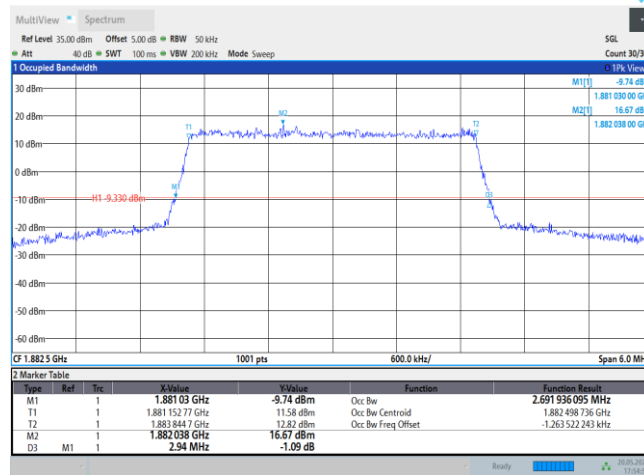
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Band25-3MHz-QPSK-26055-15RB#0



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



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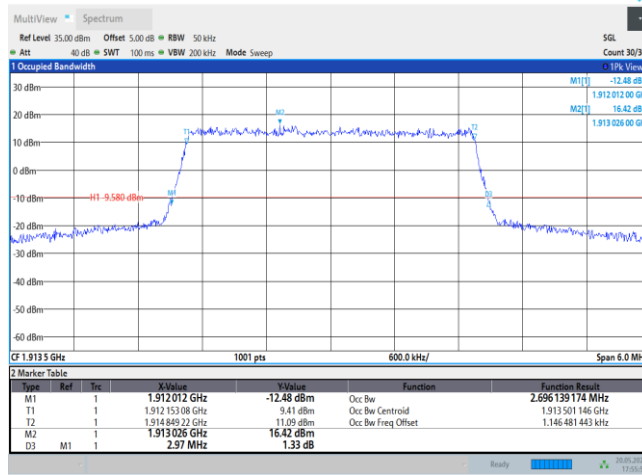
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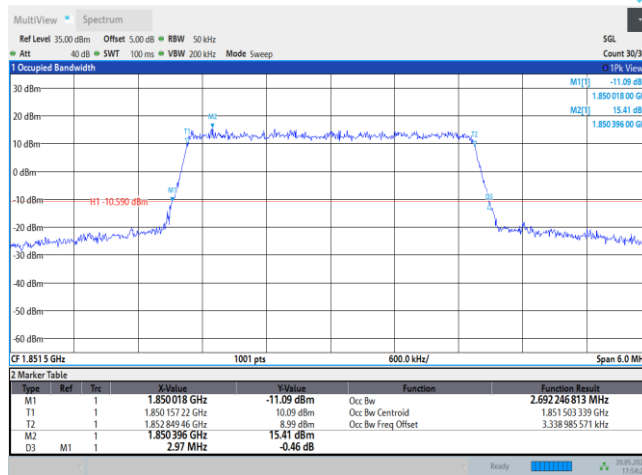
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Band25-3MHz-QPSK-26675-15RB#0



17:55:52 20.05.2022

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



17:54:22 20.05.2022



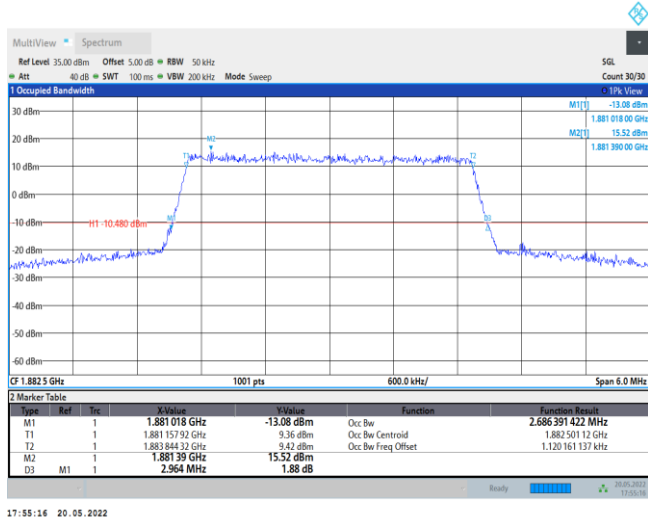
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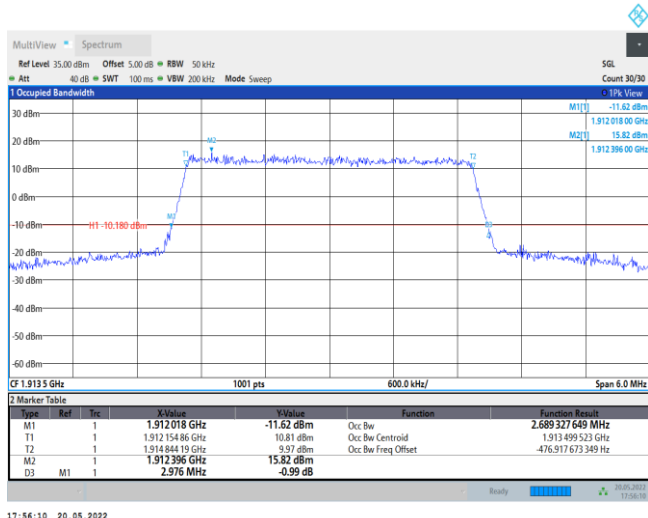
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Band25-3MHz-16QAM-26365-15RB#0

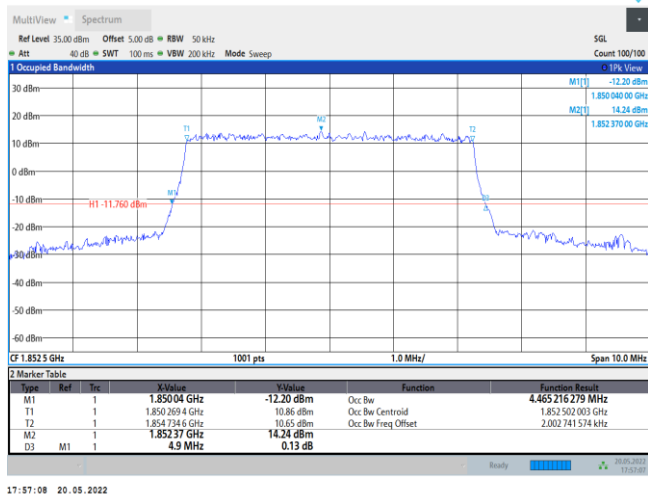


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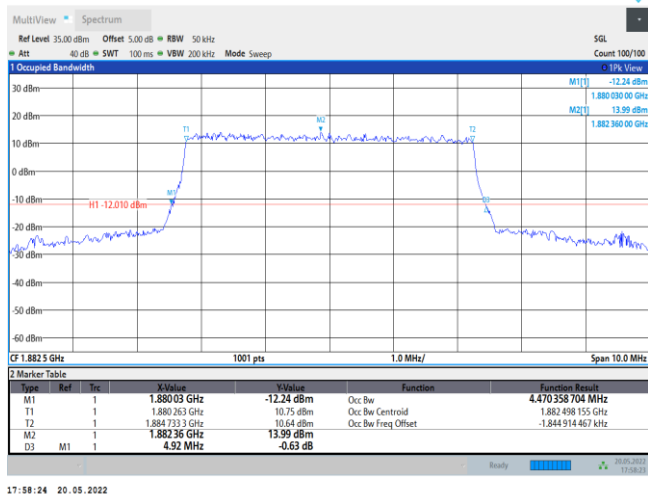
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Band25-5MHz-QPSK-26065-25RB#0



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

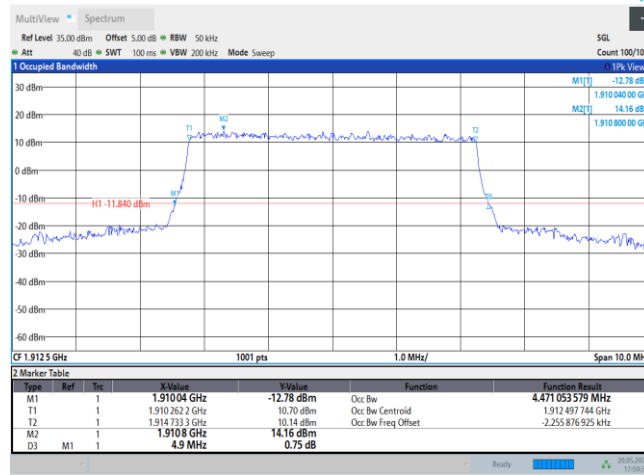


17:58:24 20.05.2022



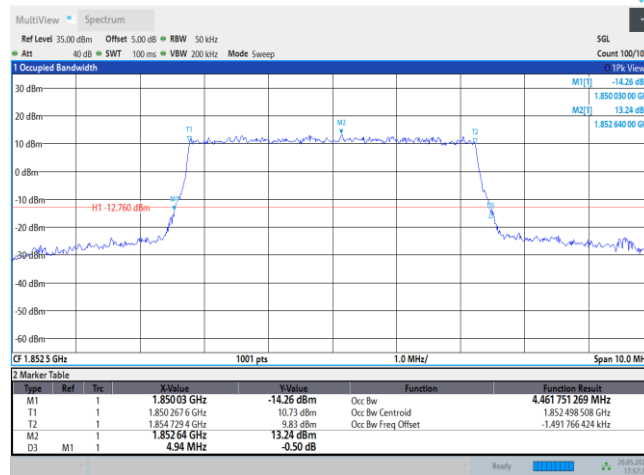
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Band25-5MHz-QPSK-26665-25RB#0



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



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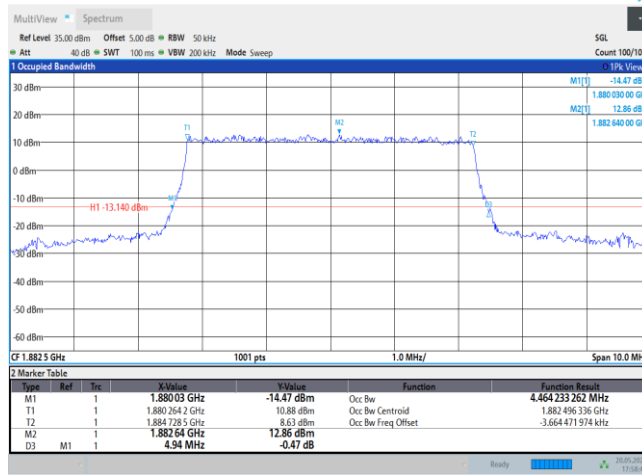
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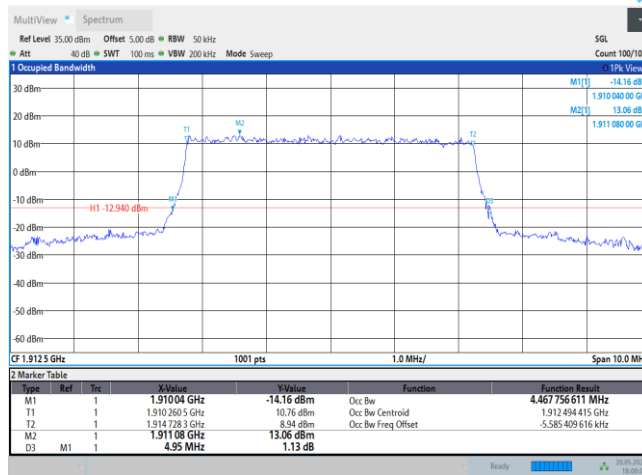
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Band25-5MHz-16QAM-26365-25RB#0



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



18:00:04 20.05.2022

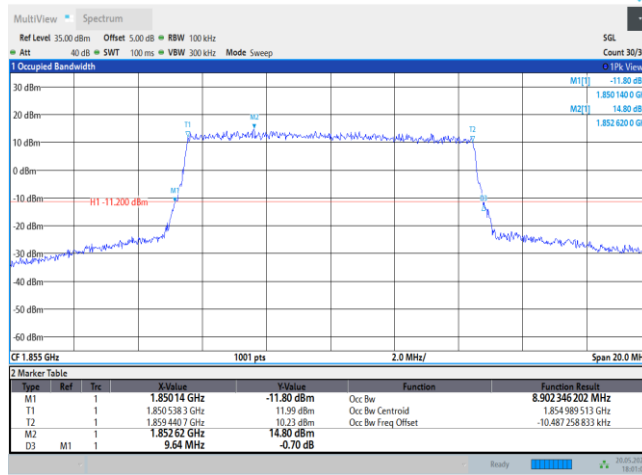


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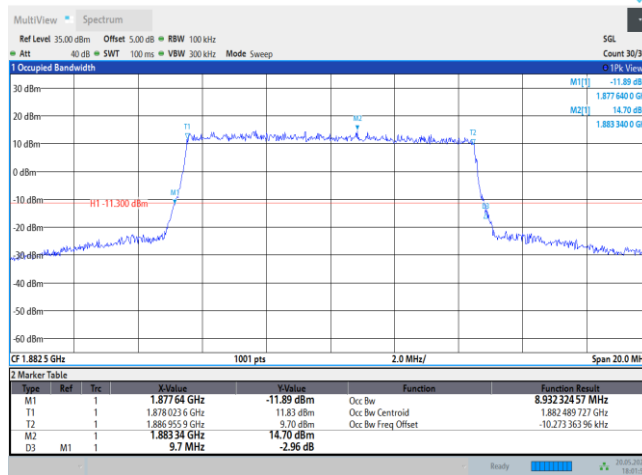
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Band25-10MHz-QPSK-26090-50RB#0



18:01:02 20.05.2022

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



18:01:56 20.05.2022



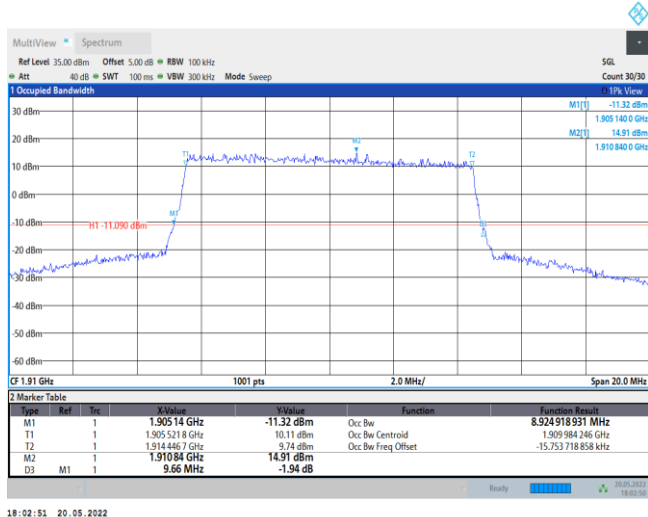
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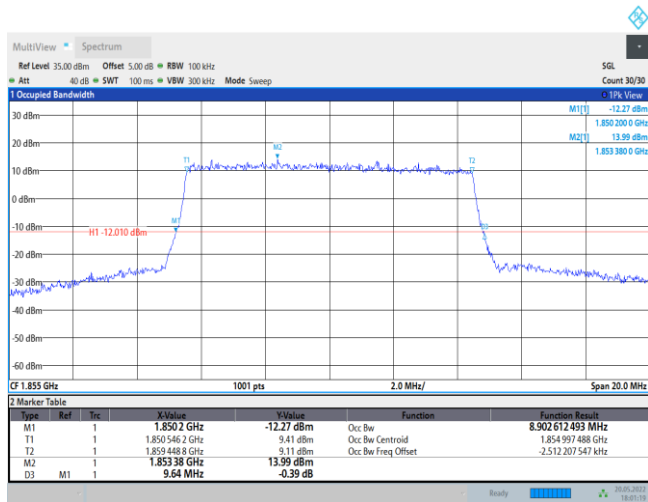
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Band25-10MHz-QPSK-26640-50RB#0



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



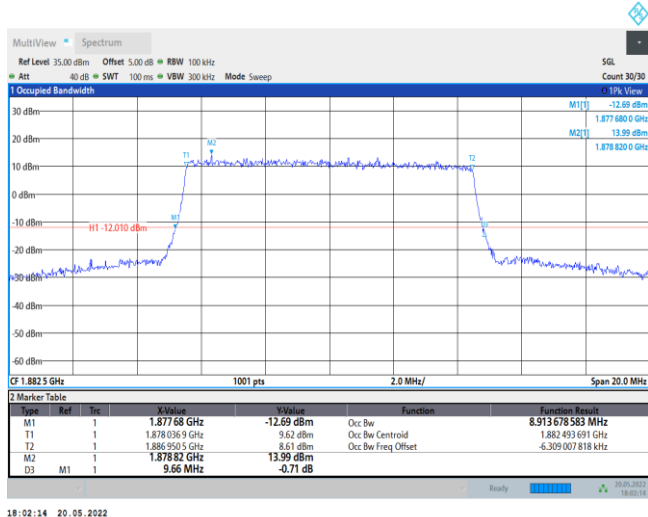
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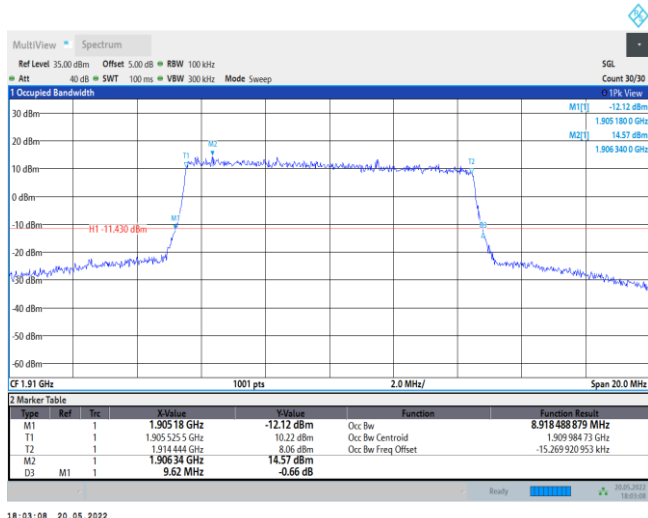
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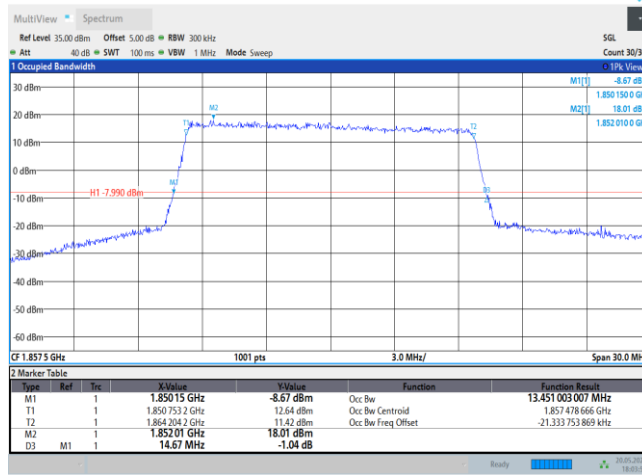


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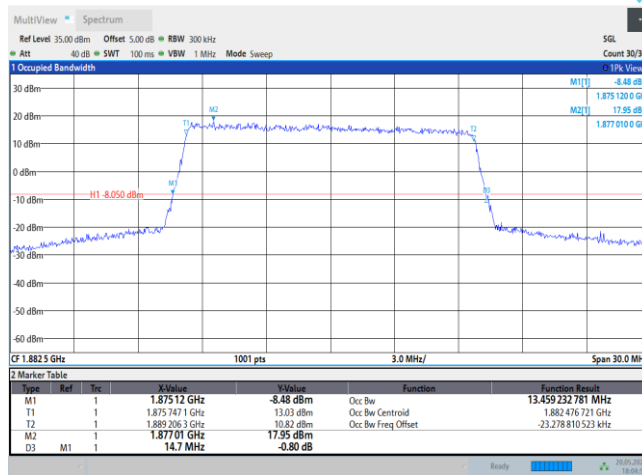
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Band25-15MHz-QPSK-26115-75RB#0



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



18:04:54 20.05.2022



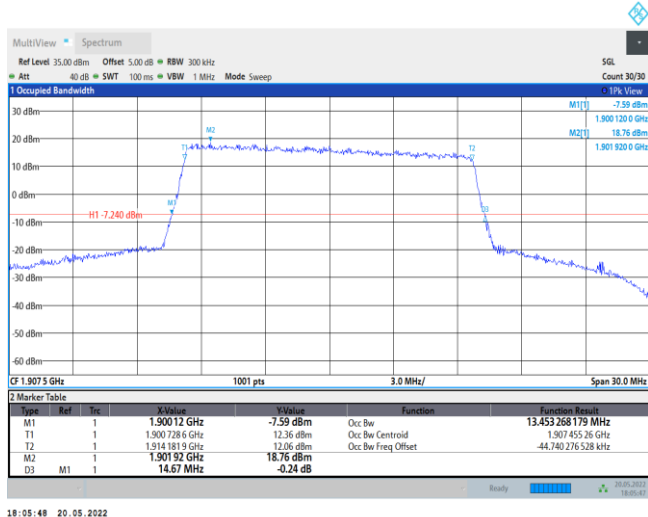
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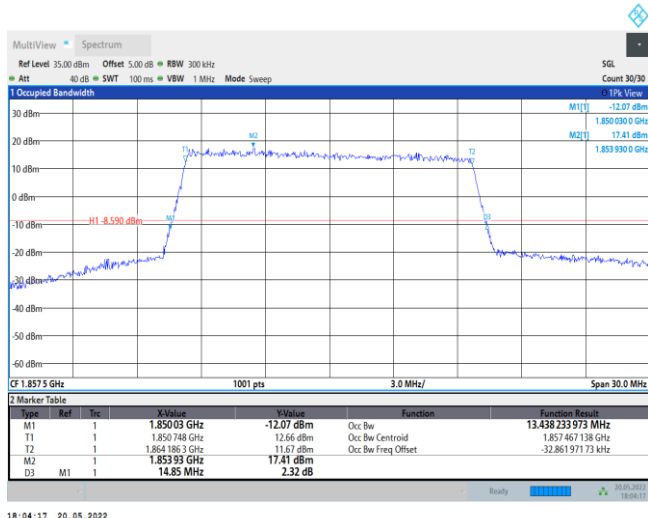
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Band25-15MHz-QPSK-26615-75RB#0



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



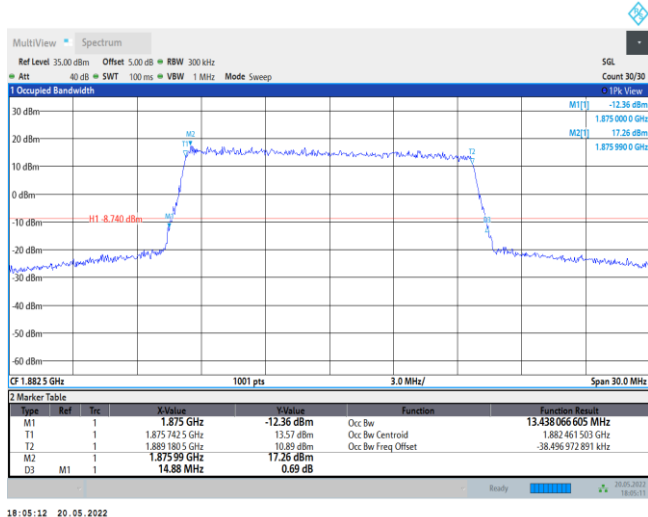
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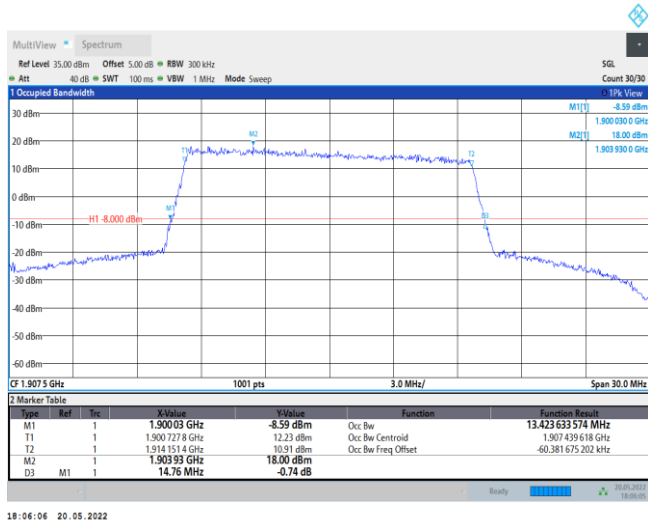
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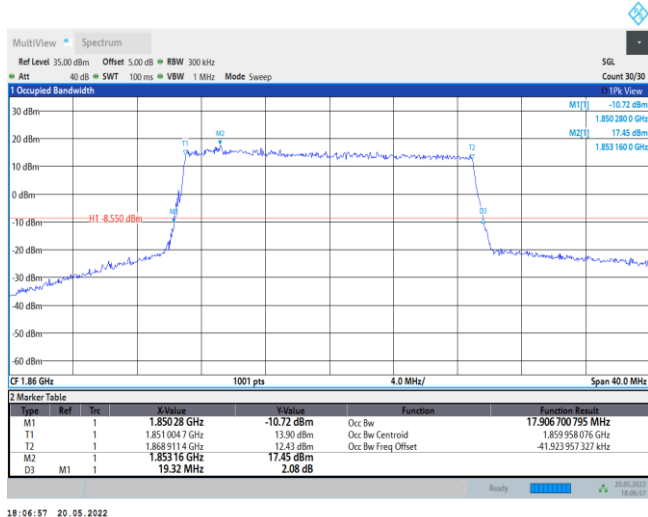
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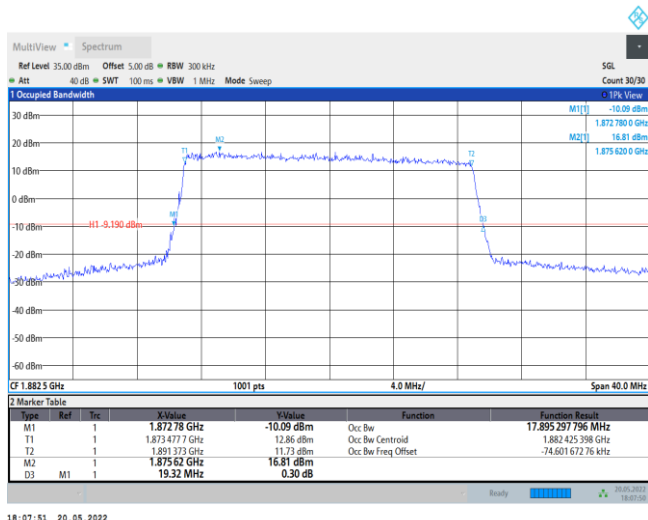
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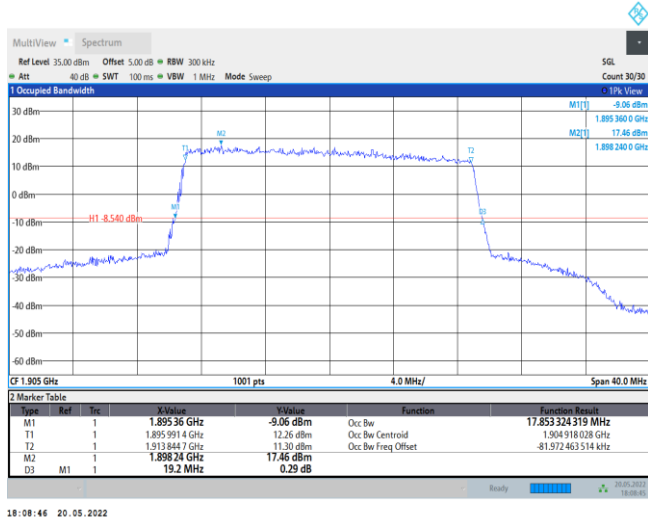


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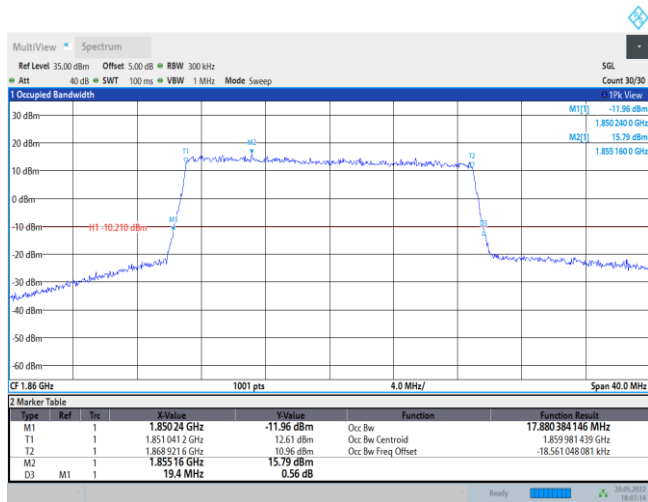
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Band25-20MHz-QPSK-26590-100RB#0



18:08:46 20.05.2022

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



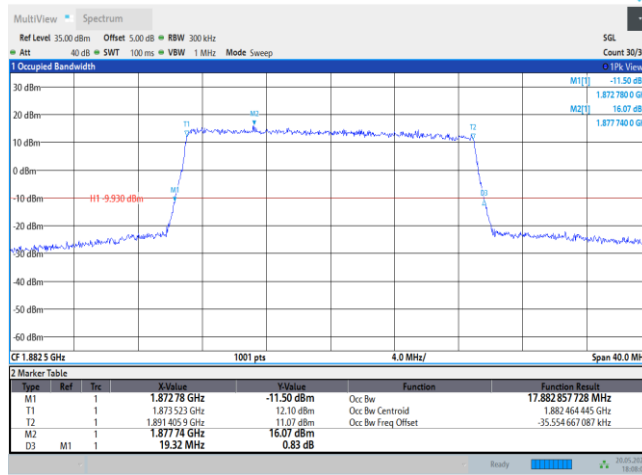
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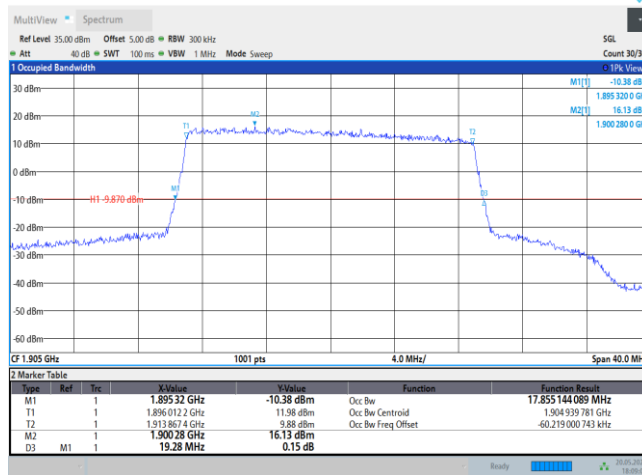
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Band25-20MHz-16QAM-26365-100RB#0



18:08:09 20.05.2022

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



18:09:04 20.05.2022



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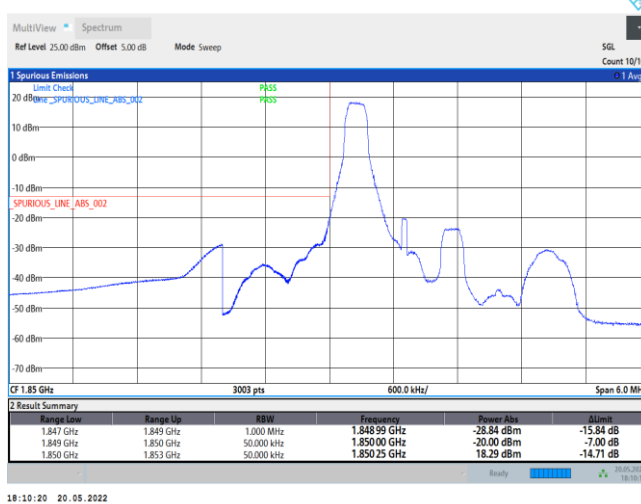
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Band Edge

Test Graphs

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



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



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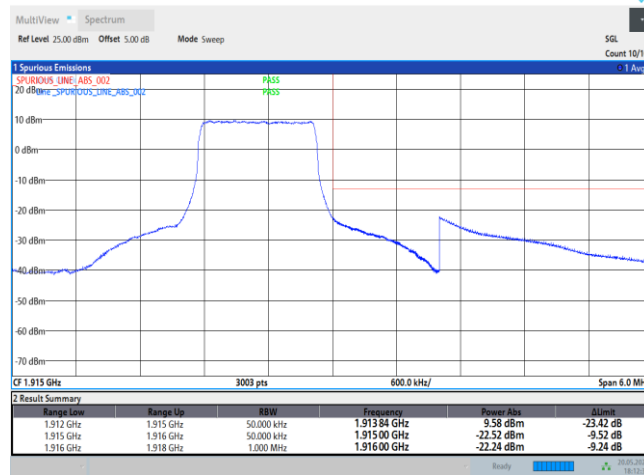
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Band25-1.4MHz-QPSK-26683-1RB#5



18:11:58 20.05.2022

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



18:12:37 20.05.2022

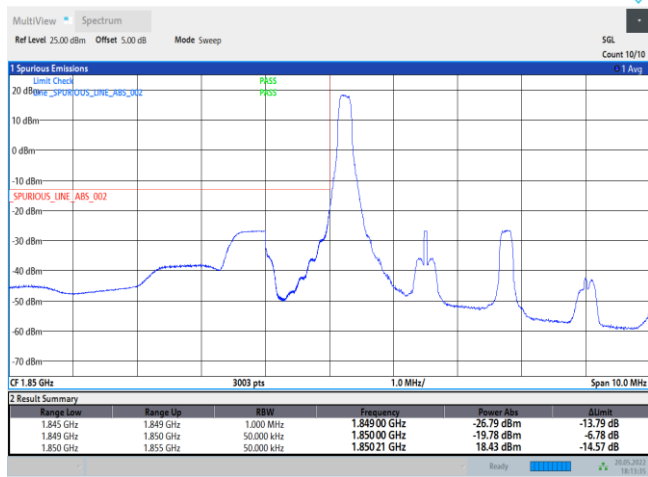


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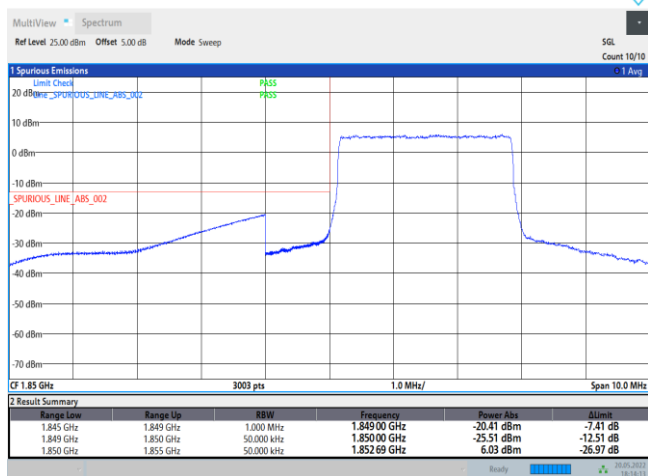
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Band25-3MHz-QPSK-26055-1RB#0



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



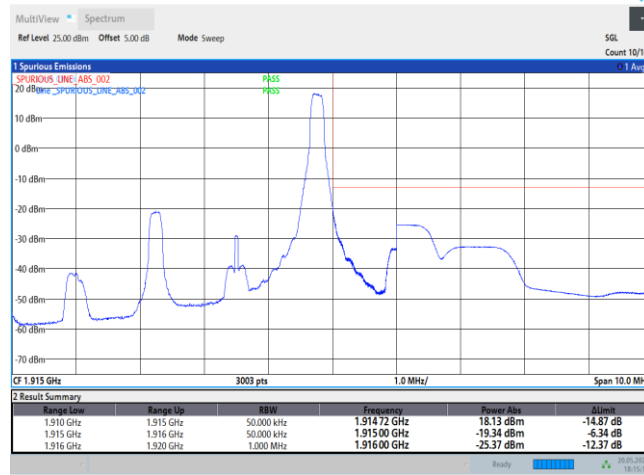
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Band25-3MHz-QPSK-26675-1RB#14



18:15:13 20.05.2022

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



18:15:51 20.05.2022

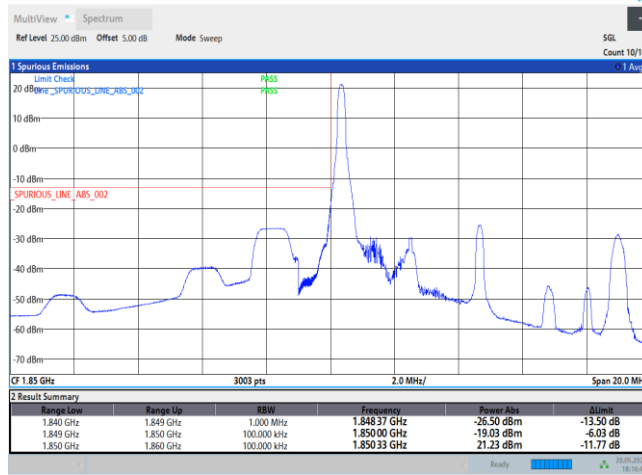


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Band25-5MHz-QPSK-26065-1RB#0



18:16:44 20.05.2022

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



18:17:13 20.05.2022

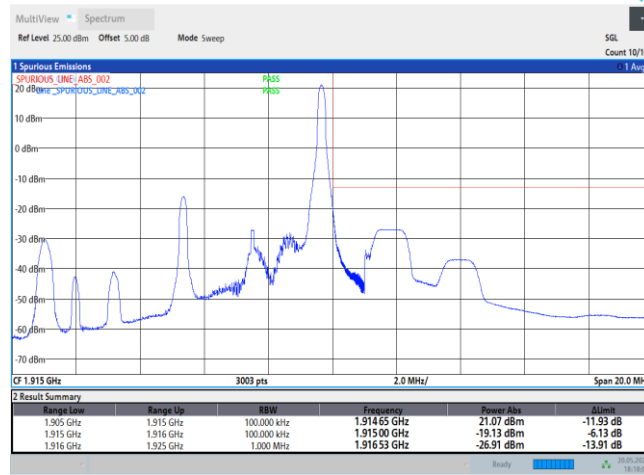


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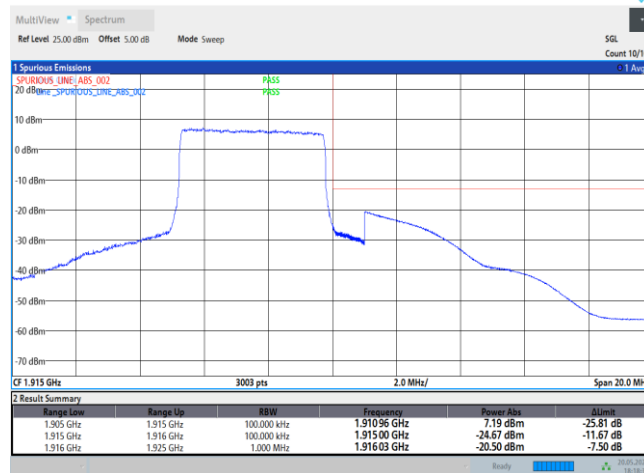
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Band25-5MHz-QPSK-26665-1RB#24



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



18:18:38 20.05.2022



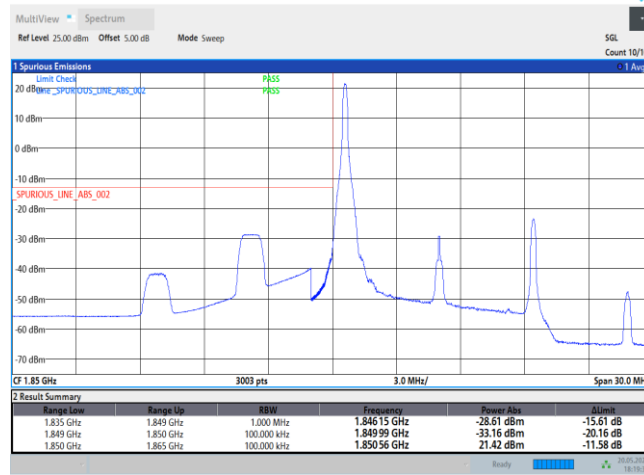
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Band25-10MHz-QPSK-26090-1RB#0



18:19:30 20.05.2022

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



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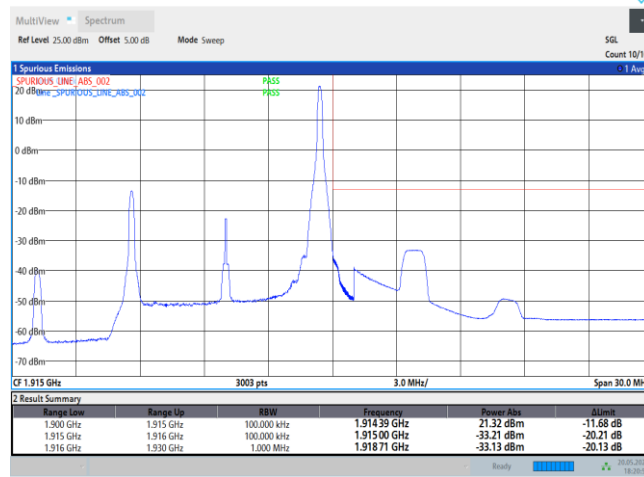


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Band25-10MHz-QPSK-26640-1RB#49



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



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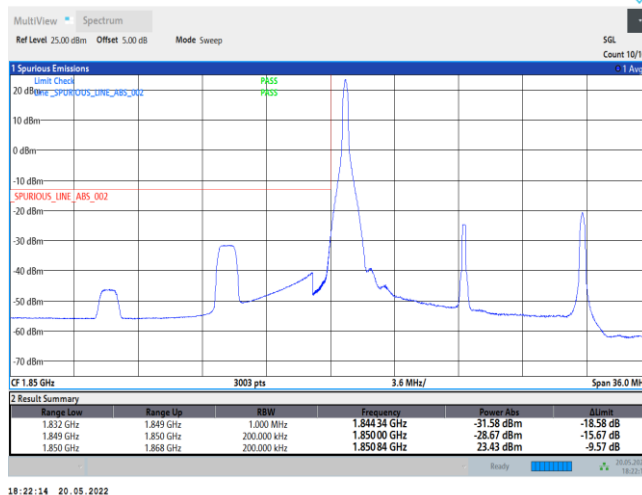


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Band25-15MHz-QPSK-26115-1RB#0



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



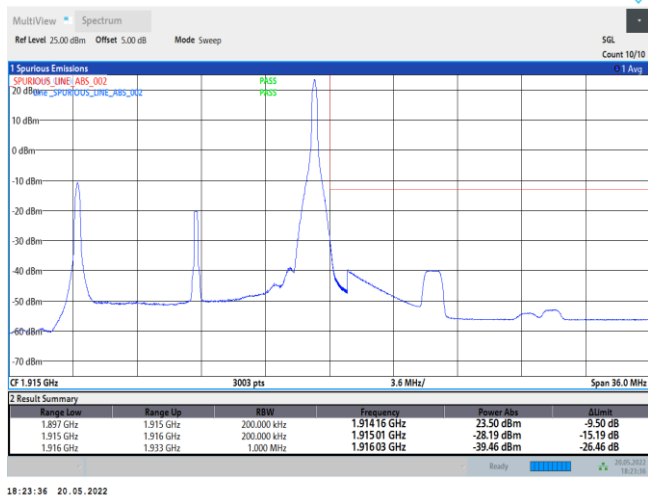
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Band25-15MHz-QPSK-26615-1RB#74

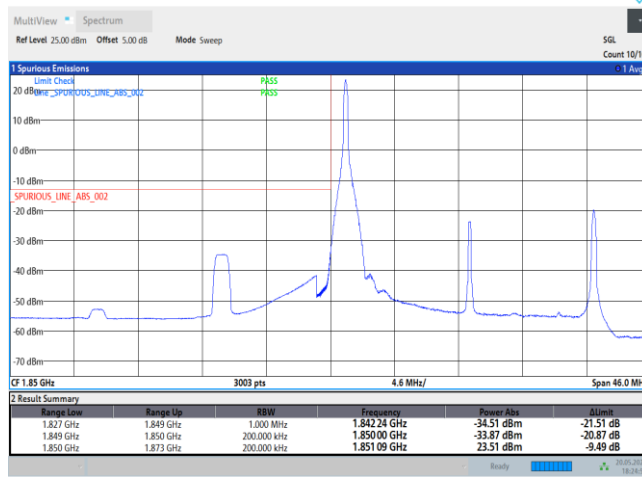


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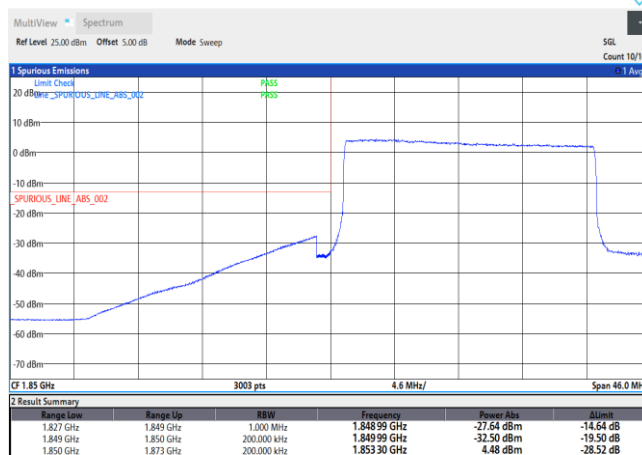
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Band25-20MHz-QPSK-26140-1RB#0



18:24:58 20.05.2022

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



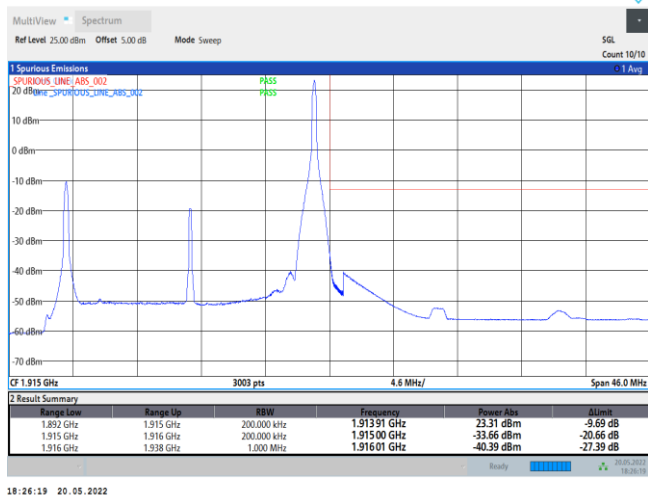
18:25:27 20.05.2022



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



18:26:19 20.05.2022

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



18:26:48 20.05.2022



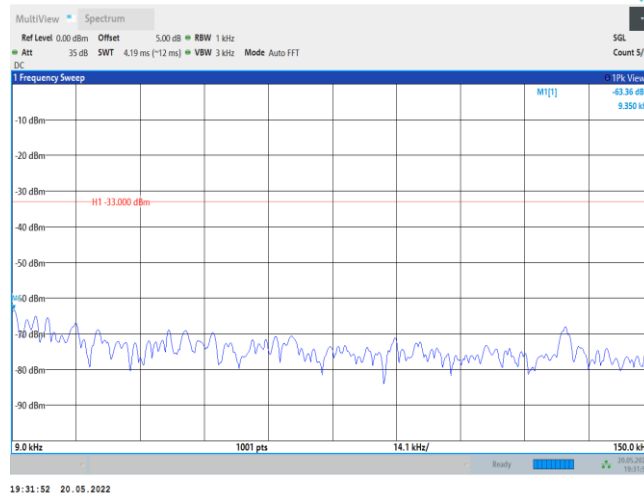
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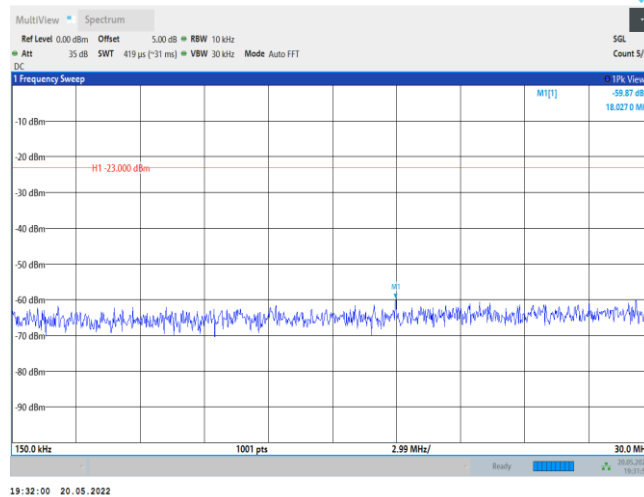
Conducted Spurious Emission

Test Graphs

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



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



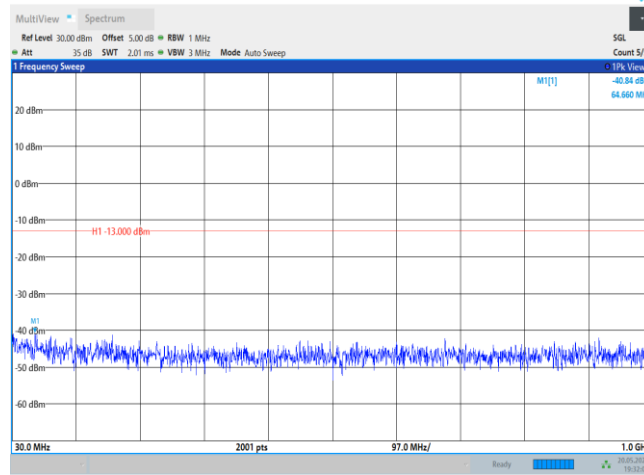
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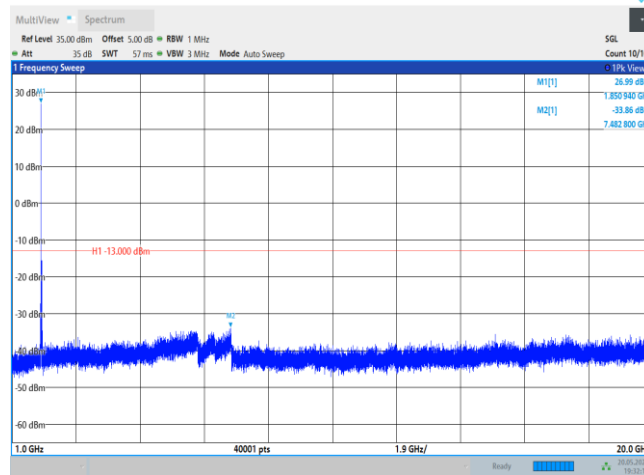
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Band25-20MHz-QPSK-26140-1RB#0-Range3:30~1000MHz



19:32:08 20.05.2022

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

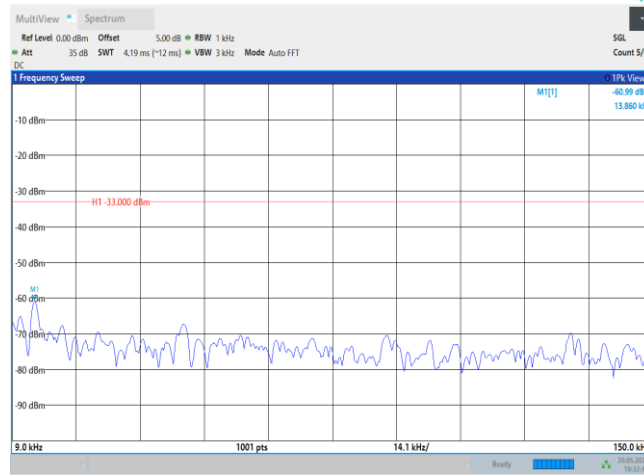


19:32:17 20.05.2022



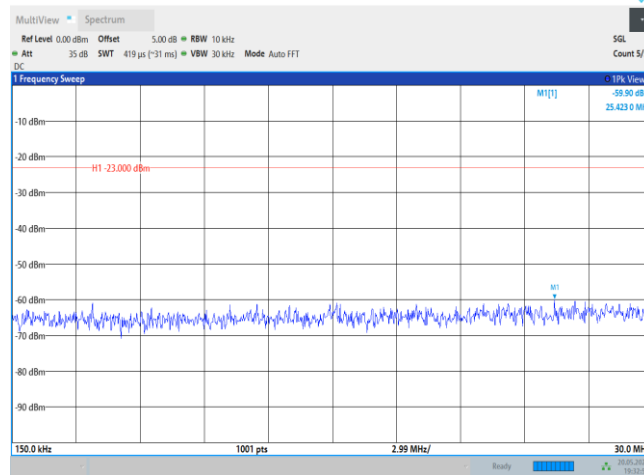
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Band25-20MHz-QPSK-26365-1RB#0-Range1:0.009~0.15MHz



19:32:44 20.05.2022

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



19:32:52 20.05.2022



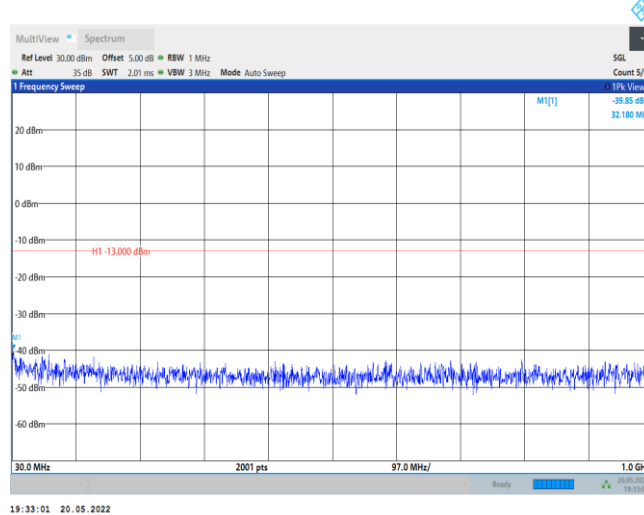
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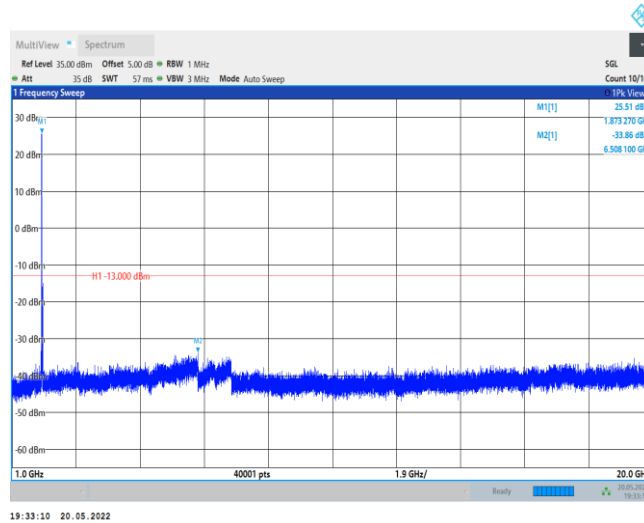
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Band25-20MHz-QPSK-26365-1RB#0-Range3:30~1000MHz

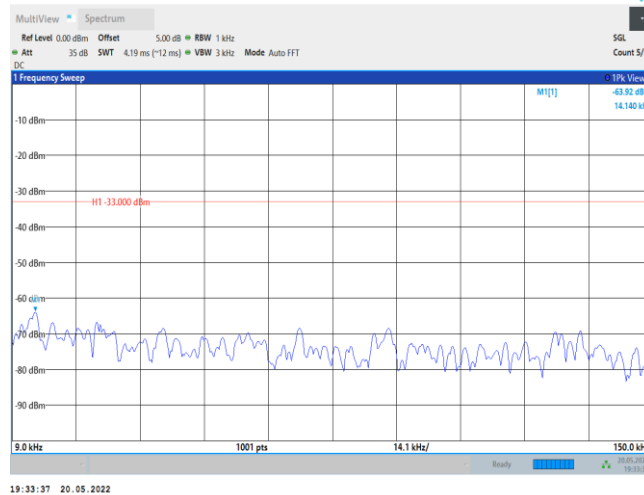


Band25-20MHz-QPSK-26365-1RB#0-Range4:1000~20000MHz



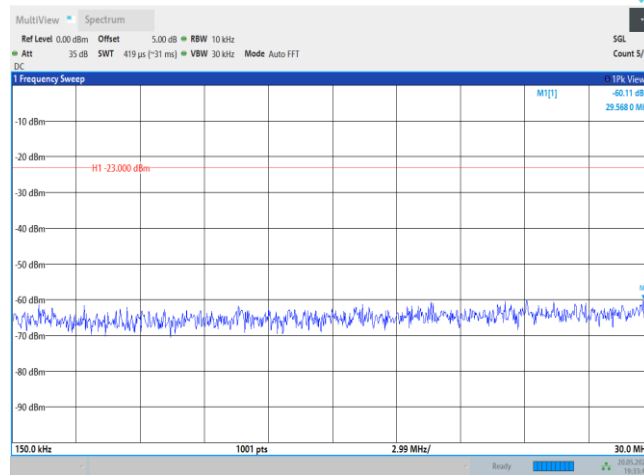
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Band25-20MHz-QPSK-26590-1RB#0-Range1:0.009~0.15MHz



19:33:37 20.05.2022

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



19:33:45 20.05.2022



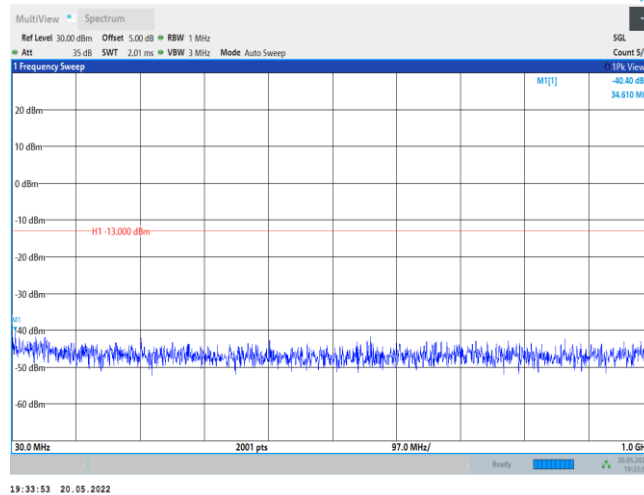
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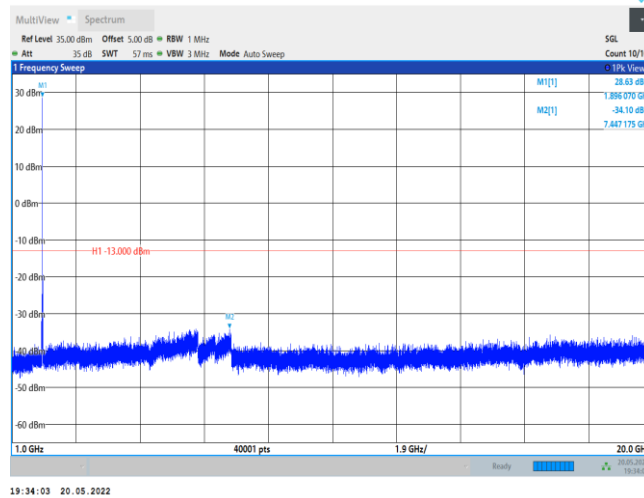
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Band25-20MHz-QPSK-26590-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band25_ 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	55.08	-110.79	-55.71	-13.00	42.71	222	196	Horizontal
2	5553.2700	48.00	-107.44	-59.44	-13.00	46.44	256	98	Horizontal
3	7404.3600	46.67	-102.17	-55.50	-13.00	42.50	259	206	Horizontal
4	9255.4500	42.38	-97.11	-54.73	-13.00	41.73	184	217	Horizontal
5	11106.5400	39.86	-94.10	-54.24	-13.00	41.24	186	55	Horizontal
6	12957.6300	37.49	-92.71	-55.22	-13.00	42.22	170	87	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	52.00	-110.79	-58.79	-13.00	45.79	268	185	Vertical
2	5553.2700	48.18	-107.44	-59.26	-13.00	46.26	194	271	Vertical
3	7404.3600	48.24	-102.17	-53.93	-13.00	40.93	172	206	Vertical
4	9255.4500	43.01	-97.11	-54.10	-13.00	41.10	235	185	Vertical
5	11106.5400	39.63	-94.10	-54.47	-13.00	41.47	166	336	Vertical
6	12957.6300	38.40	-92.71	-54.31	-13.00	41.31	227	1	Vertical



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Test Band = LTE Band25_ 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	57.72	-110.82	-53.10	-13.00	40.10	195	197	Horizontal
2	5613.2700	48.99	-107.23	-58.24	-13.00	45.24	145	175	Horizontal
3	7484.3600	46.87	-101.99	-55.12	-13.00	42.12	182	304	Horizontal
4	9355.4500	43.31	-96.81	-53.50	-13.00	40.50	233	3	Horizontal
5	11226.5400	39.16	-93.55	-54.39	-13.00	41.39	206	250	Horizontal
6	13097.6300	37.93	-92.39	-54.46	-13.00	41.46	255	1	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	53.42	-110.82	-57.40	-13.00	44.40	132	130	Vertical
2	5613.2700	47.82	-107.23	-59.41	-13.00	46.41	236	217	Vertical
3	7484.3600	46.11	-101.99	-55.88	-13.00	42.88	115	109	Vertical
4	9355.4500	43.45	-96.81	-53.36	-13.00	40.36	120	282	Vertical
5	11226.5400	41.58	-93.55	-51.97	-13.00	38.97	184	120	Vertical
6	13097.6300	35.86	-92.39	-56.53	-13.00	43.53	197	48	Vertical



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Test Band = LTE Band25_ 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	54.60	-110.85	-56.25	-13.00	43.25	191	154	Horizontal
2	5688.2700	48.40	-106.79	-58.39	-13.00	45.39	182	3	Horizontal
3	7584.3600	46.37	-101.82	-55.45	-13.00	42.45	143	240	Horizontal
4	9480.4500	42.98	-96.94	-53.96	-13.00	40.96	176	23	Horizontal
5	11376.5400	38.94	-93.53	-54.59	-13.00	41.59	152	196	Horizontal
6	13272.6300	35.42	-92.22	-56.80	-13.00	43.80	200	133	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.1800	51.33	-110.85	-59.52	-13.00	46.52	122	168	Vertical
2	5688.2700	49.34	-106.79	-57.45	-13.00	44.45	233	357	Vertical
3	7584.3600	46.96	-101.82	-54.86	-13.00	41.86	214	326	Vertical
4	9480.4500	44.25	-96.94	-52.69	-13.00	39.69	194	315	Vertical
5	11376.5400	37.87	-93.53	-55.66	-13.00	42.66	177	122	Vertical
6	13272.6300	37.18	-92.22	-55.04	-13.00	42.04	180	155	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	2.90	0.001541	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	0.20	0.000106	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	-0.60	-0.000319	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	2.90	0.001541	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	2.70	0.001434	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-10	2.50	0.001328	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	-0.90	-0.000478	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	3.30	0.001753	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	1.10	0.000584	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	-0.80	-0.000425	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	2.90	0.001541	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	3.10	0.001647	PASS

The End



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