

Report No.: SEWA2309000114RG01

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Band25	20MHz	16QAM	26365	100RB#0	21.71	21.96	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.54	22.79	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.81	23.06	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.67	22.92	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.79	22.04	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	21.69	21.94	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	21.9	22.15	33	PASS
Band25	20MHz	64QAM	26140	1RB#99	21.85	22.1	33	PASS
Band25	20MHz	64QAM	26140	100RB#0	20.78	21.03	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	21.73	21.98	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	21.99	22.24	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	21.86	22.11	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	20.76	21.01	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	21.74	21.99	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	21.79	22.04	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	21.83	22.08	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	20.79	21.04	33	PASS
Band25	20MHz	256QAM	26140	1RB#0	18.68	18.93	33	PASS
Band25	20MHz	256QAM	26140	1RB#49	18.85	19.1	33	PASS
Band25	20MHz	256QAM	26140	1RB#99	18.73	18.98	33	PASS
Band25	20MHz	256QAM	26140	100RB#0	18.68	18.93	33	PASS
Band25	20MHz	256QAM	26365	1RB#0	18.58	18.83	33	PASS
Band25	20MHz	256QAM	26365	1RB#49	18.76	19.01	33	PASS
Band25	20MHz	256QAM	26365	1RB#99	19	19.25	33	PASS
Band25	20MHz	256QAM	26365	100RB#0	18.7	18.95	33	PASS
Band25	20MHz	256QAM	26590	1RB#0	18.72	18.97	33	PASS
Band25	20MHz	256QAM	26590	1RB#49	18.74	18.99	33	PASS
Band25	20MHz	256QAM	26590	1RB#99	19.03	19.28	33	PASS
Band25	20MHz	256QAM	26590	100RB#0	18.69	18.94	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	5.10	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.02	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.34	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	5.92	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	5.98	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.04	13	PASS
Band25	20MHz	64QAM	26140	100RB#0	6.42	13	PASS
Band25	20MHz	64QAM	26365	100RB#0	6.48	13	PASS
Band25	20MHz	64QAM	26590	100RB#0	6.52	13	PASS
Band25	20MHz	256QAM	26140	100RB#0	6.90	13	PASS
Band25	20MHz	256QAM	26365	100RB#0	6.98	13	PASS
Band25	20MHz	256QAM	26590	100RB#0	6.98	13	PASS



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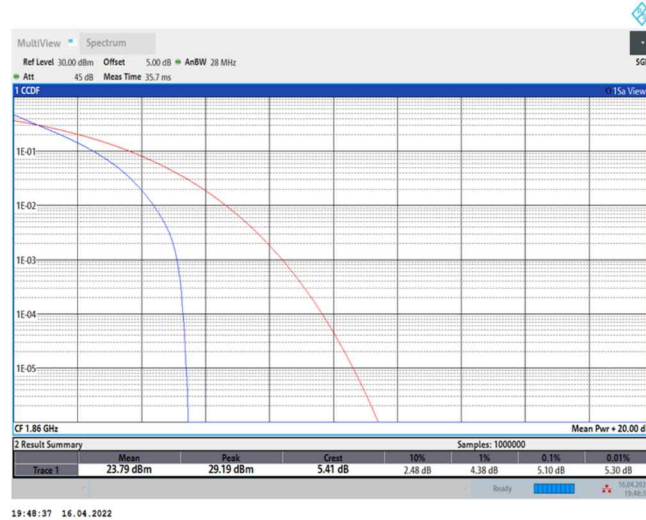
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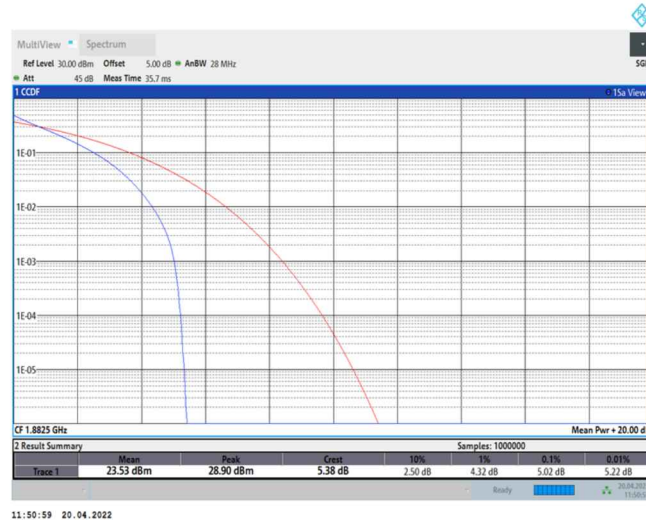
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Test Graphs

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



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



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Wireless Laboratory

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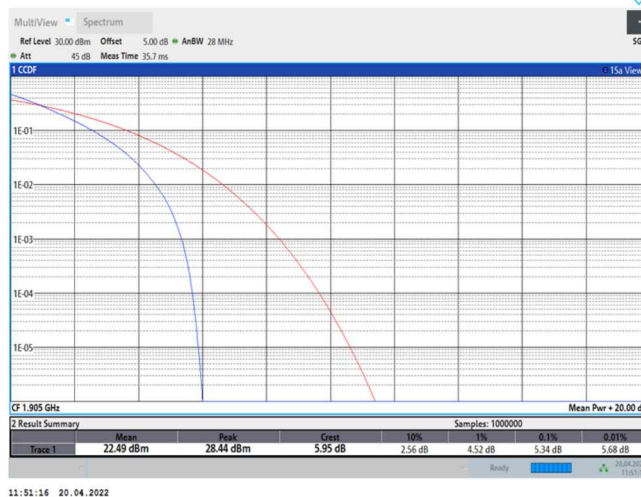
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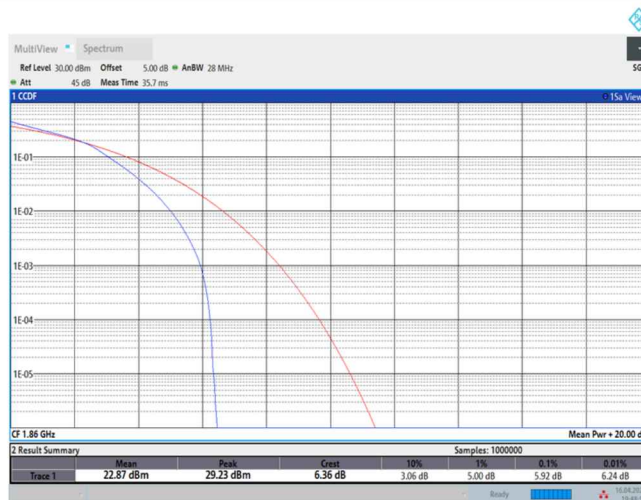
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Band25-20MHz-QPSK-26590-100RB#0



11:51:16 20.04.2022

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



19:48:54 16.04.2022



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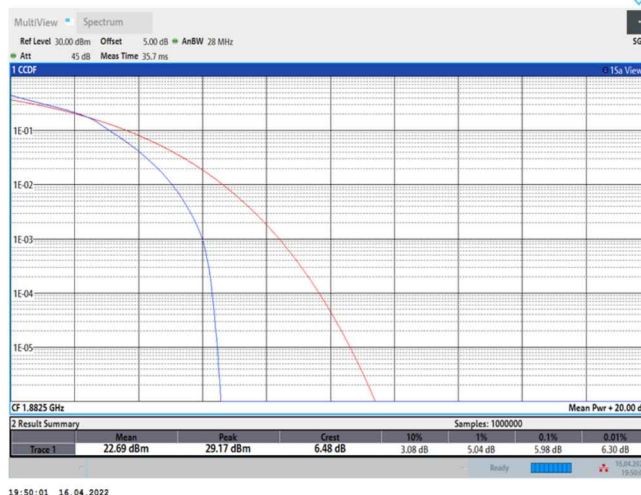
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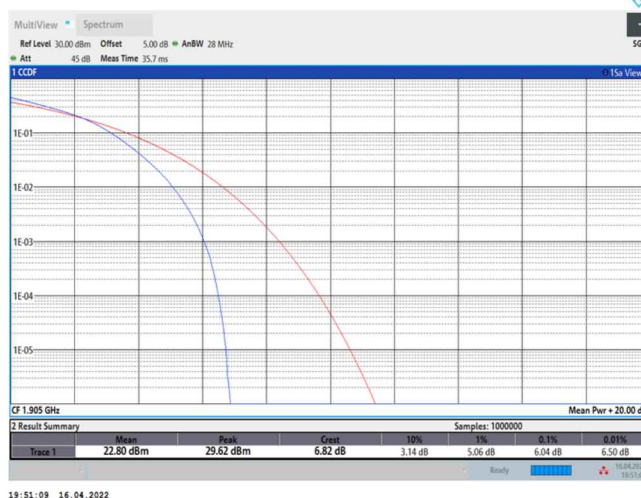
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Band25-20MHz-16QAM-26365-100RB#0



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



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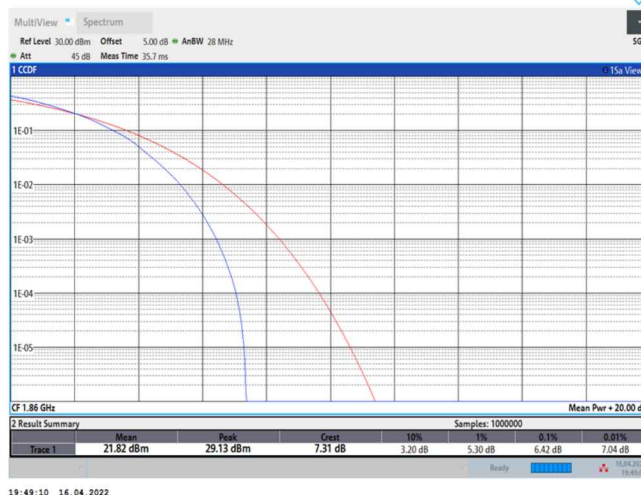
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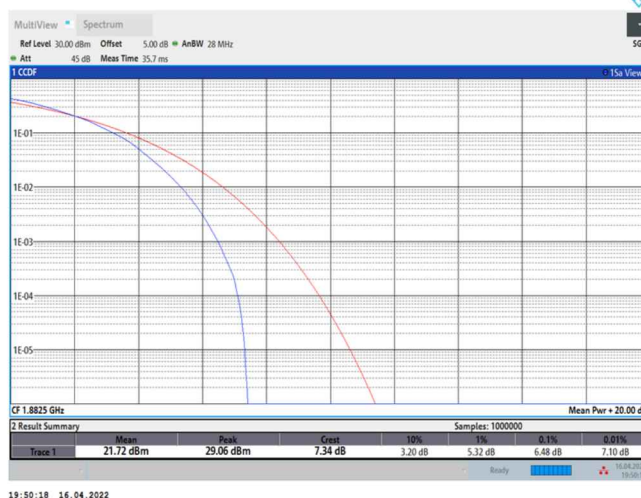
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Band25-20MHz-64QAM-26140-100RB#0



19:49:10 16.04.2022

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



19:50:18 16.04.2022



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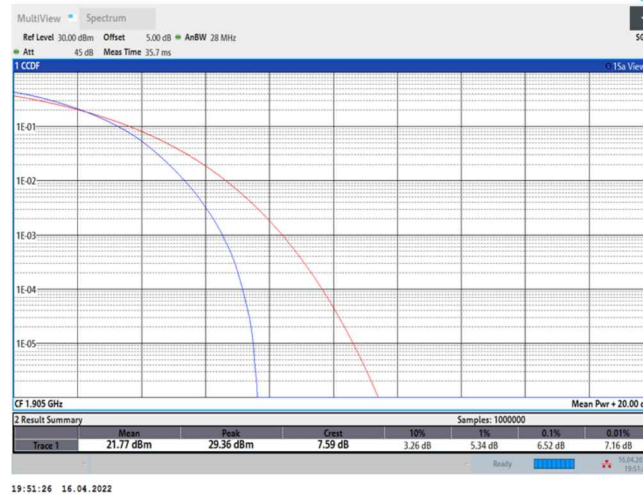
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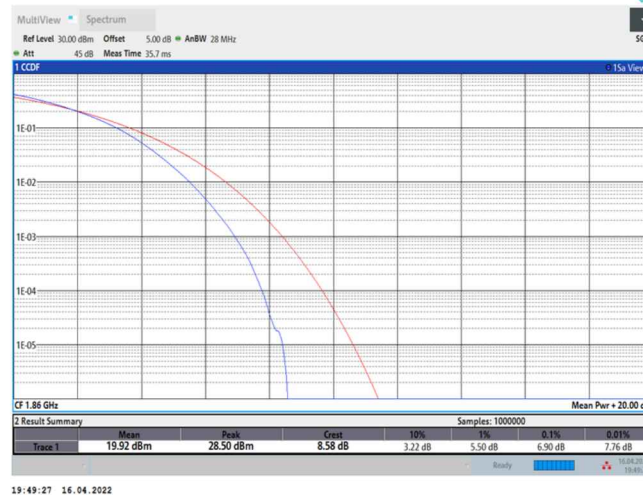
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Band25-20MHz-64QAM-26590-100RB#0



Band25-20MHz-256QAM-26140-100RB#0



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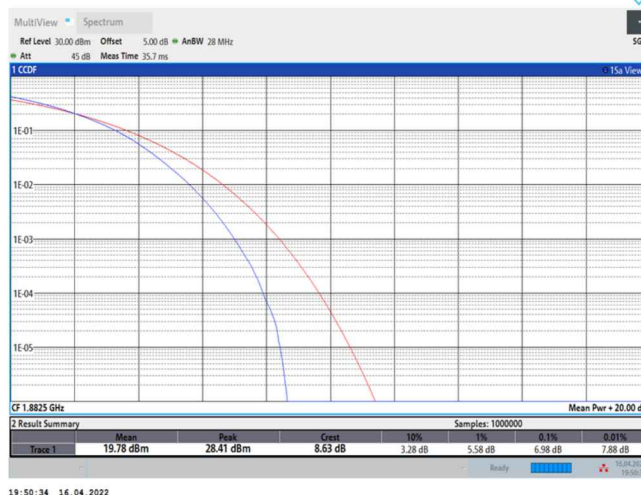
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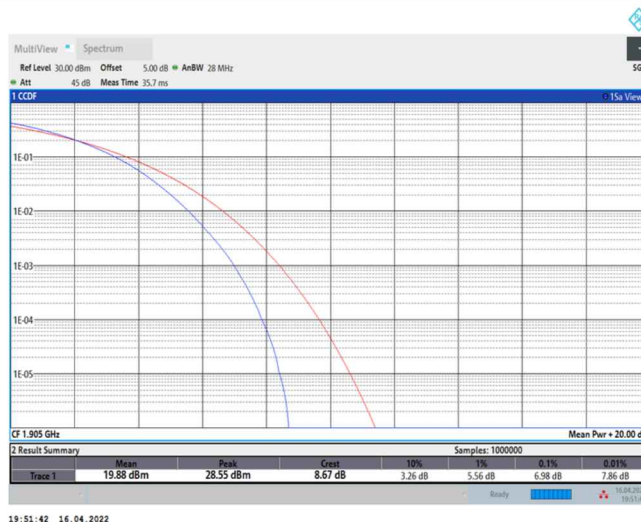
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Band25-20MHz-256QAM-26365-100RB#0



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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	1.104	1.39	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.105	1.39	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.107	1.38	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.111	1.41	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.105	1.39	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.107	1.39	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	1.105	1.38	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	1.107	1.37	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	1.109	1.44	PASS
Band25	1.4MHz	256QAM	26047	6RB#0	1.103	1.39	PASS
Band25	1.4MHz	256QAM	26365	6RB#0	1.106	1.39	PASS
Band25	1.4MHz	256QAM	26683	6RB#0	1.102	1.38	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.700	3.01	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.699	3.03	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.697	3.05	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.696	3.09	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.700	3.05	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.697	3.03	PASS
Band25	3MHz	64QAM	26055	15RB#0	2.699	3.05	PASS
Band25	3MHz	64QAM	26365	15RB#0	2.699	3.05	PASS
Band25	3MHz	64QAM	26675	15RB#0	2.696	3.04	PASS
Band25	3MHz	256QAM	26055	15RB#0	2.697	3.03	PASS
Band25	3MHz	256QAM	26365	15RB#0	2.697	3.03	PASS
Band25	3MHz	256QAM	26675	15RB#0	2.698	3.02	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.475	5.02	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.482	5.03	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.474	5.05	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.480	5.06	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.481	4.99	PASS



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Band25	5MHz	64QAM	26065	25RB#0	4.481	5.06	PASS
Band25	5MHz	64QAM	26365	25RB#0	4.483	5.04	PASS
Band25	5MHz	64QAM	26665	25RB#0	4.478	5.03	PASS
Band25	5MHz	256QAM	26065	25RB#0	4.485	5.06	PASS
Band25	5MHz	256QAM	26365	25RB#0	4.481	5.08	PASS
Band25	5MHz	256QAM	26665	25RB#0	4.475	5.03	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.945	9.92	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.937	9.88	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.934	9.92	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.951	9.82	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.933	9.96	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.948	9.84	PASS
Band25	10MHz	64QAM	26090	50RB#0	8.937	9.84	PASS
Band25	10MHz	64QAM	26365	50RB#0	8.943	9.82	PASS
Band25	10MHz	64QAM	26640	50RB#0	8.936	9.82	PASS
Band25	10MHz	256QAM	26090	50RB#0	8.946	9.84	PASS
Band25	10MHz	256QAM	26365	50RB#0	8.948	9.92	PASS
Band25	10MHz	256QAM	26640	50RB#0	8.941	9.88	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.484	15.00	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.505	15.03	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.474	14.97	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.476	15.03	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.476	15.03	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.479	15.06	PASS
Band25	15MHz	64QAM	26115	75RB#0	13.464	14.97	PASS
Band25	15MHz	64QAM	26365	75RB#0	13.481	15.03	PASS
Band25	15MHz	64QAM	26615	75RB#0	13.486	14.97	PASS
Band25	15MHz	256QAM	26115	75RB#0	13.460	14.91	PASS
Band25	15MHz	256QAM	26365	75RB#0	13.489	15.00	PASS
Band25	15MHz	256QAM	26615	75RB#0	13.463	15.00	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.936	19.68	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.904	19.64	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.921	19.68	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.904	19.68	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.924	19.76	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.906	19.80	PASS
Band25	20MHz	64QAM	26140	100RB#0	17.886	19.64	PASS



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Band25	20MHz	64QAM	26365	100RB#0	17.913	19.88	PASS
Band25	20MHz	64QAM	26590	100RB#0	17.934	19.64	PASS
Band25	20MHz	256QAM	26140	100RB#0	17.896	19.64	PASS
Band25	20MHz	256QAM	26365	100RB#0	17.894	19.68	PASS
Band25	20MHz	256QAM	26590	100RB#0	17.912	19.56	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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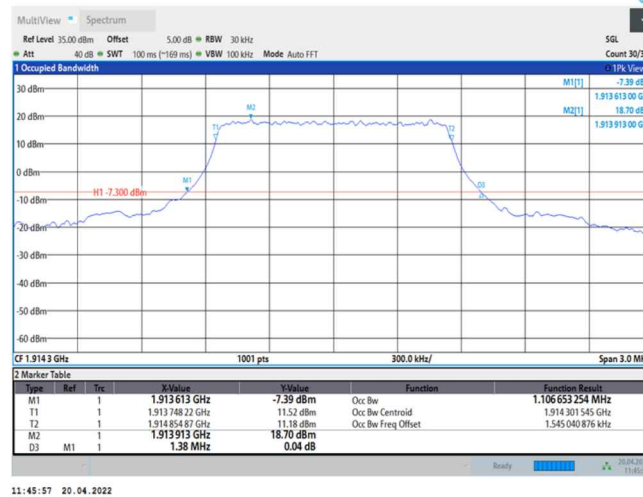
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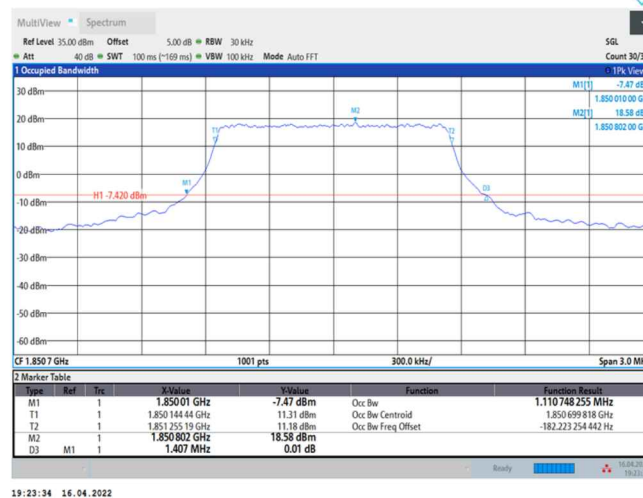
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Band25-1.4MHz-QPSK-26683-6RB#0



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



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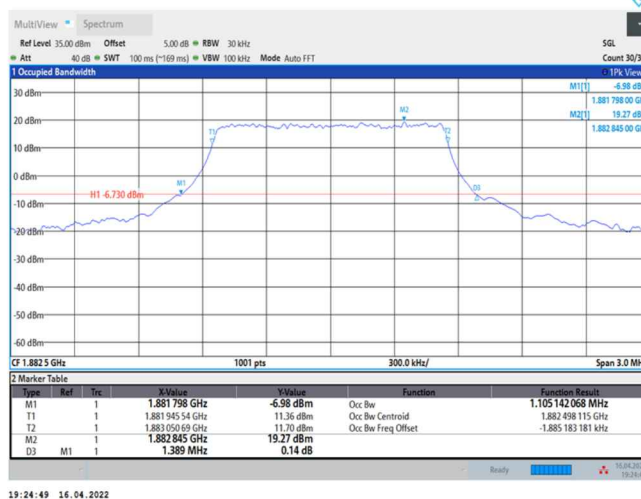
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Band25-1.4MHz-16QAM-26683-6RB#0



19:26:06 16.04.2022



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