

Report No.: SUHR/2022/1000601

Rev.: 01

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# Appendix



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.77	18.62	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.83	18.68	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.75	18.6	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.92	18.77	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.68	18.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.85	18.7	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.74	18.59	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.89	18.74	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.72	18.57	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.75	18.6	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.68	18.53	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.84	18.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.1	17.95	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.12	17.97	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.11	17.96	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.94	17.79	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.04	17.89	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.17	18.02	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.08	17.93	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.92	17.77	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.11	17.96	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.1	17.95	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.04	17.89	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.92	17.77	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.01	17.86	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	22.1	17.95	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.98	17.83	38.45	PASS



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Band5	1.4MHz	64QAM	20407	6RB#0	20.85	16.7	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.98	17.83	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.14	17.99	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.02	17.87	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.95	16.8	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	22.03	17.88	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.99	17.84	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.93	17.78	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.77	16.62	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.85	18.7	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.86	18.71	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.79	18.64	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.95	18.8	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.73	18.58	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.85	18.7	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.78	18.63	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.88	18.73	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.81	18.66	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.81	18.66	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.67	18.52	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.85	18.7	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.14	17.99	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.26	18.11	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.06	17.91	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.98	17.83	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.11	17.96	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.22	18.07	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.04	17.89	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.85	17.7	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.19	18.04	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.08	17.93	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.91	18.76	38.45	PASS



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Band5	3MHz	16QAM	20635	15RB#0	21.91	17.76	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.13	17.98	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	22.07	17.92	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	22.1	17.95	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	21.01	16.86	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.98	17.83	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.15	18	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.01	17.86	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.86	16.71	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.07	17.92	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	22.08	17.93	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.98	17.83	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.9	16.75	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.78	18.63	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.76	18.61	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.72	18.57	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.85	18.7	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.71	18.56	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.75	18.6	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.75	18.6	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.8	18.65	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.74	18.59	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.94	18.79	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.74	18.59	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.78	18.63	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.09	17.94	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.09	17.94	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.15	18	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.99	17.84	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.04	17.89	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.24	18.09	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.08	17.93	38.45	PASS



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Band5	5MHz	16QAM	20525	25RB#0	21.86	17.71	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.03	17.88	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.1	17.95	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.06	17.91	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.83	17.68	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.94	17.79	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	22.01	17.86	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.94	17.79	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	21.01	16.86	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.96	17.81	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	22.05	17.9	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.02	17.87	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.86	16.71	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.97	17.82	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.98	17.83	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	22.02	17.87	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.79	16.64	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.86	18.71	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.87	18.72	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.81	18.66	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.87	18.72	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.8	18.65	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.83	18.68	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.8	18.65	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.77	18.62	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.72	18.57	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.76	18.61	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.72	18.57	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.69	18.54	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.08	17.93	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.87	18.72	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.93	18.78	38.45	PASS



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Band5	10MHz	16QAM	20450	50RB#0	21.81	17.66	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.05	17.9	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.02	17.87	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.93	18.78	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.76	17.61	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.03	17.88	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.13	17.98	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.95	18.8	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.81	17.66	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.99	17.84	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.97	17.82	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	22.13	17.98	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.88	16.73	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.07	17.92	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.08	17.93	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	22.01	17.86	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.78	16.63	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22	17.85	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.98	17.83	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.97	17.82	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.81	16.66	38.45	PASS



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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.52	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.44	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.40	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.20	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.14	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.18	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.62	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.64	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.64	13	PASS



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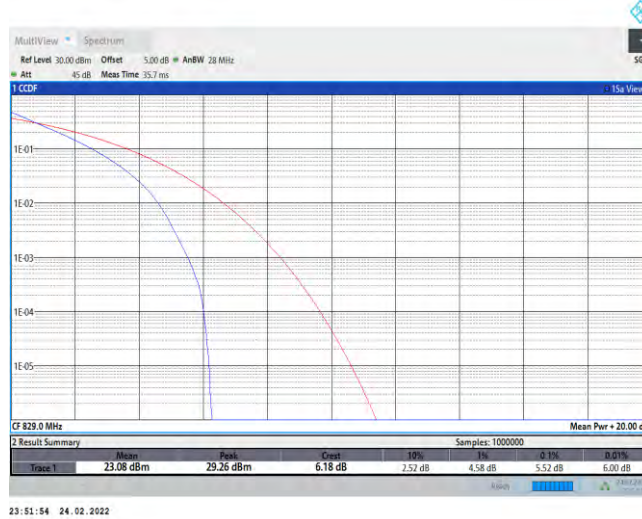
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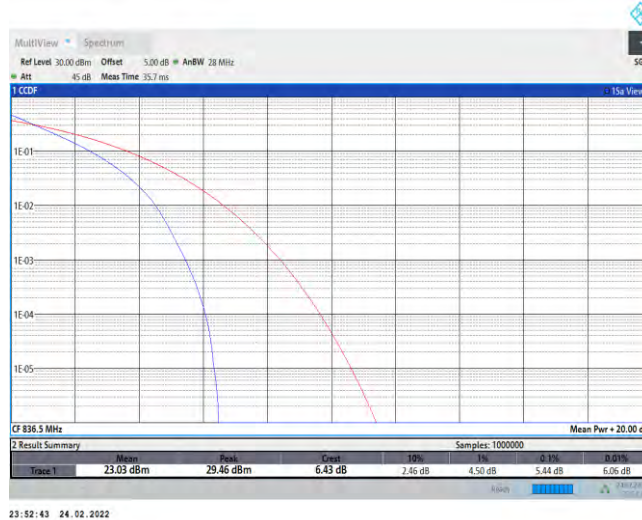
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Test Graphs

Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



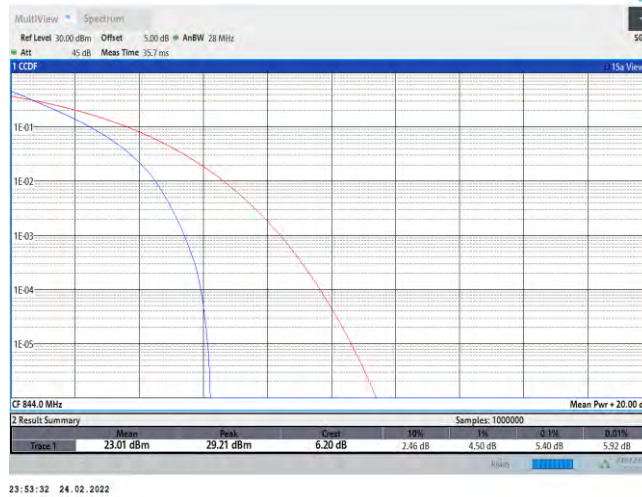
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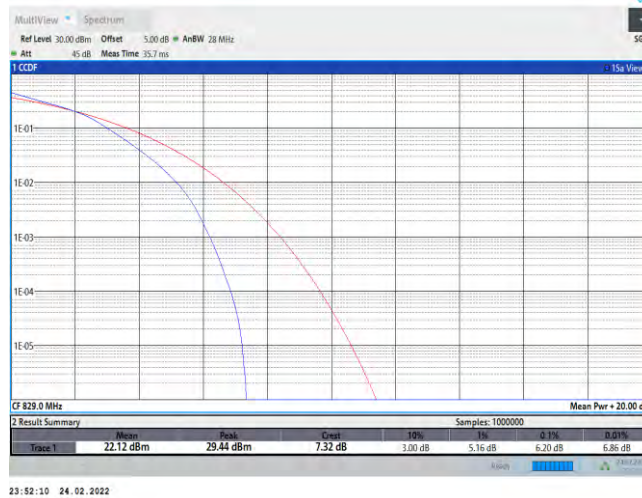
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Band5-10MHz-QPSK-20600-50RB#0



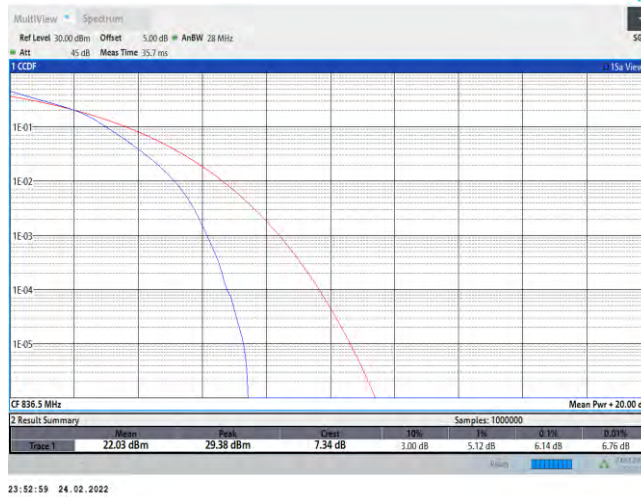
Band5-10MHz-16QAM-20450-50RB#0



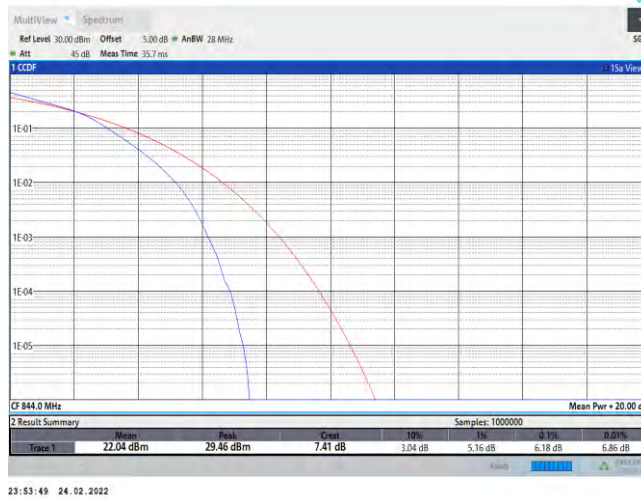
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Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0

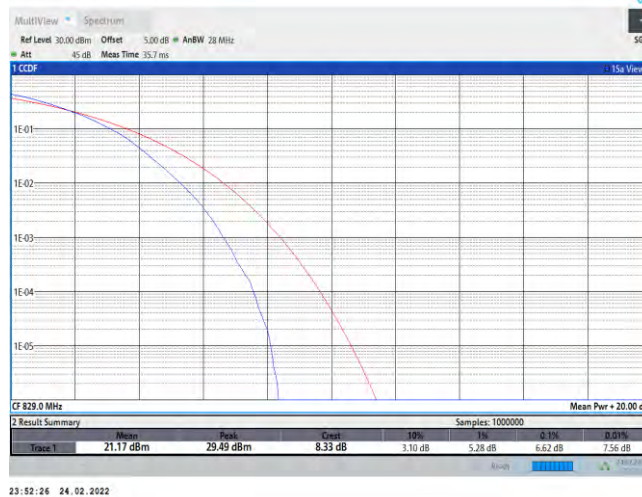


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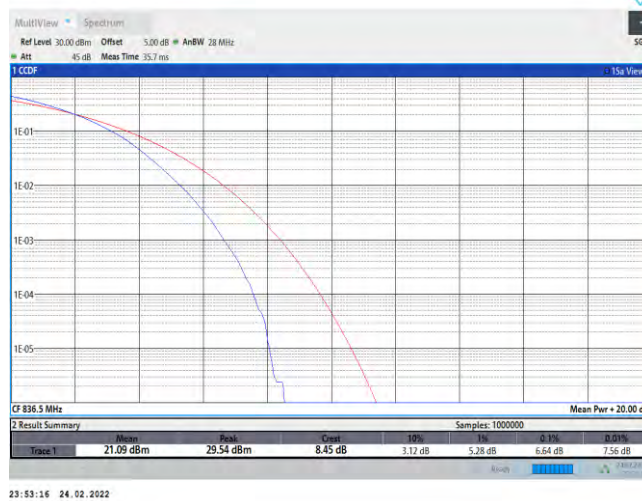
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Band5-10MHz-64QAM-20450-50RB#0



Band5-10MHz-64QAM-20525-50RB#0



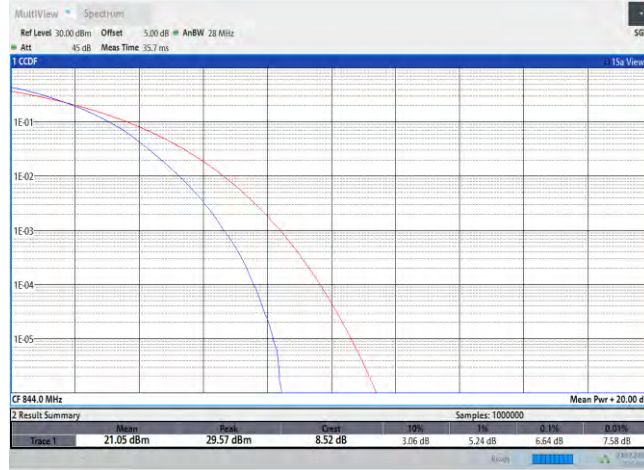
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Band5-10MHz-64QAM-20600-50RB#0



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## Modulation Characteristics

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	64QAM	20525	50RB#0	PASS	PASS



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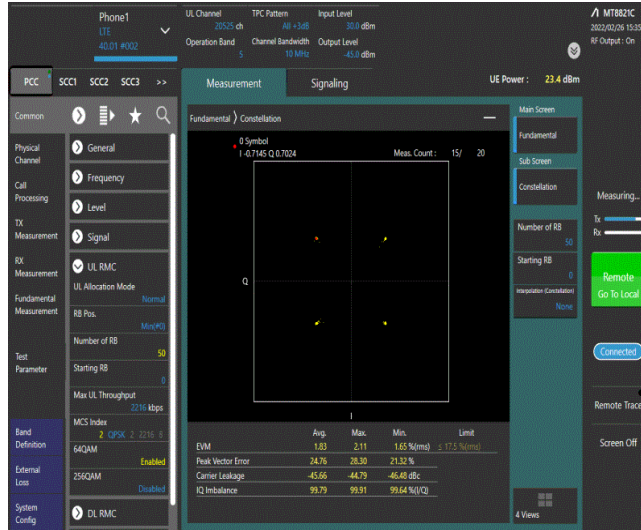
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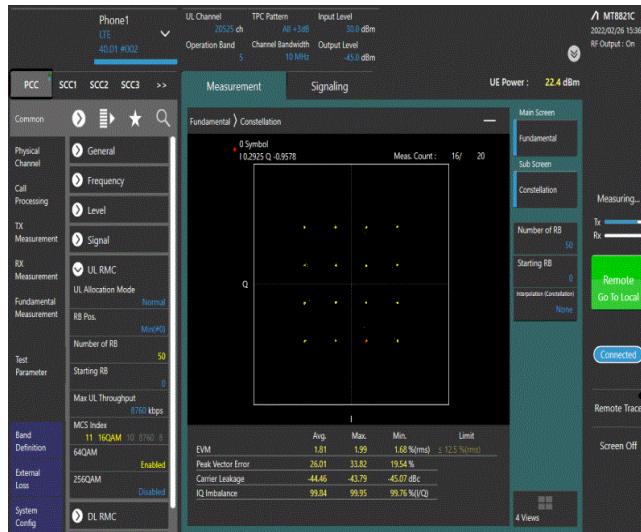
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Band5-10MHz-16QAM-20525-50RB#0



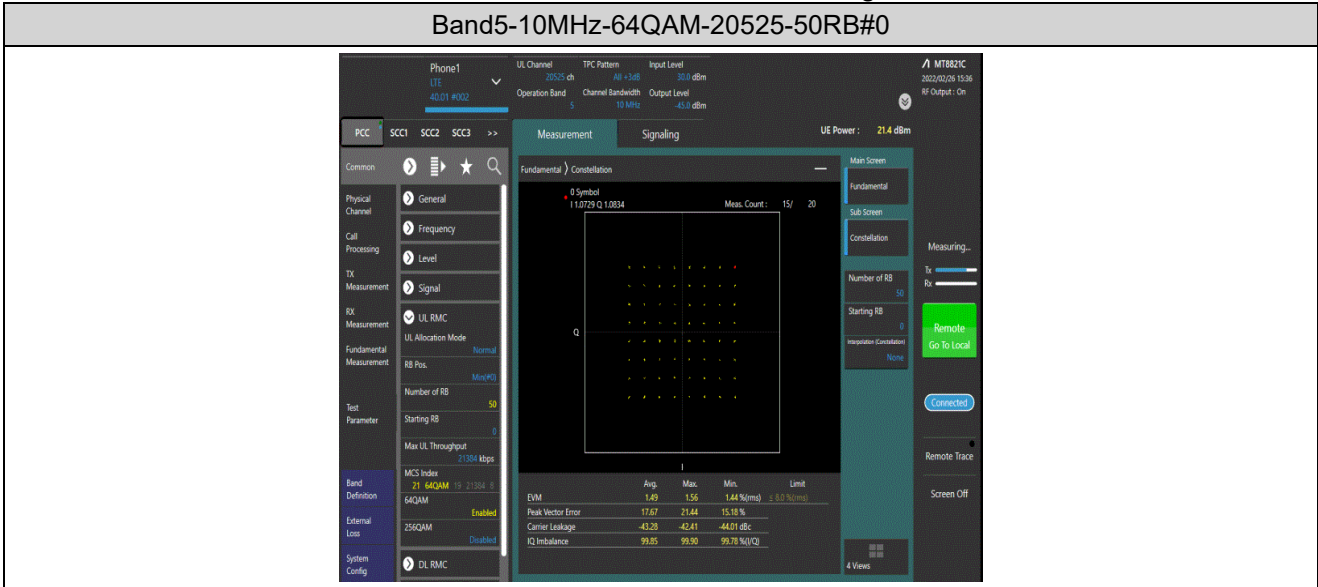
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Band5-10MHz-64QAM-20525-50RB#0



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.085	1.23	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.084	1.23	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.084	1.23	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.093	1.24	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.091	1.24	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.091	1.24	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.091	1.24	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.091	1.24	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.091	1.24	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.694	2.97	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.96	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.693	2.98	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.684	2.98	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.687	2.99	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.688	2.98	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.687	2.97	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.685	2.97	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.693	2.98	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.467	4.88	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.472	4.89	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.471	4.89	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.464	4.89	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.471	4.90	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.471	4.87	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.477	4.90	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.480	4.90	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.481	4.91	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.938	9.68	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.931	9.62	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.920	9.66	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.917	9.58	PASS



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Rev.: 01

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Band5	10MHz	16QAM	20600	50RB#0	8.914	9.58	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.929	9.60	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.935	9.62	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.919	9.64	PASS



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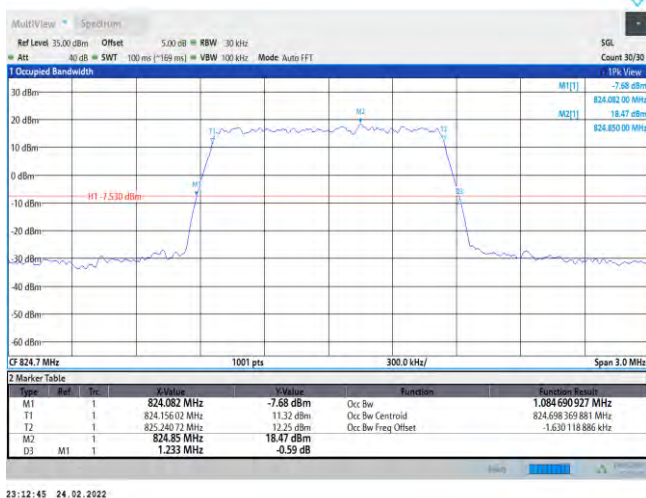
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Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



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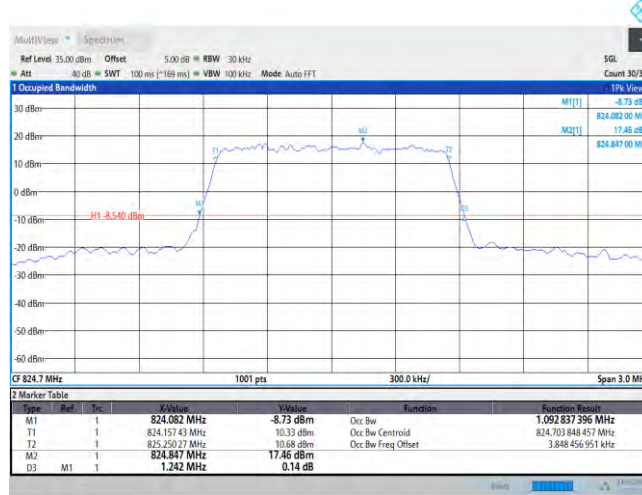
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Band5-1.4MHz-QPSK-20643-6RB#0



23:14:34 24.02.2022

Band5-1.4MHz-16QAM-20407-6RB#0



23:13:03 24.02.2022



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23:13:57 24.02.2022

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23:14:52 24.02.2022



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23:13:21 24.02.2022

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23:14:15 24.02.2022



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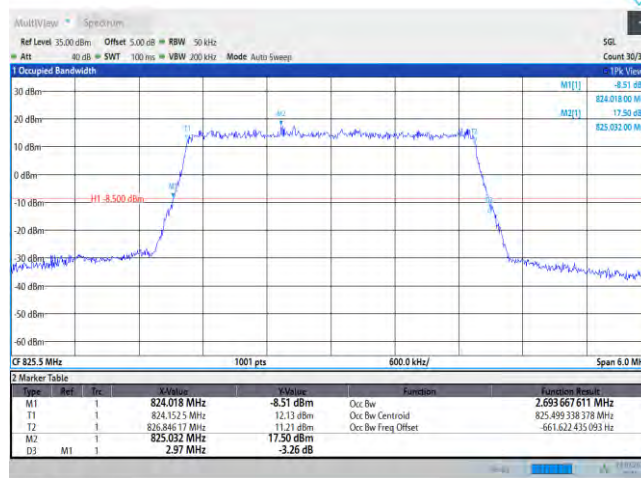
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23:15:10 24.02.2022

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Band5-3MHz-QPSK-20635-15RB#0



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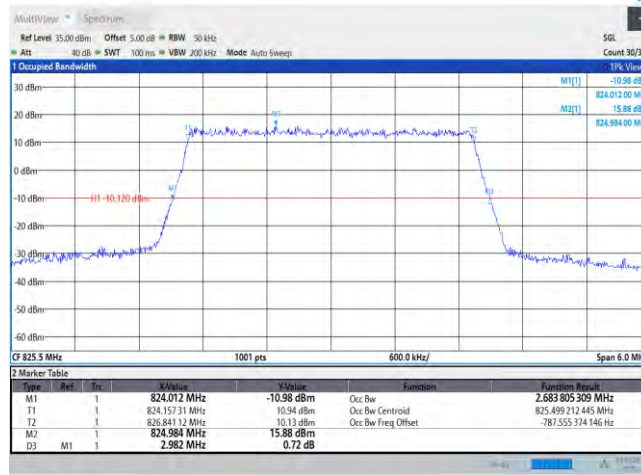


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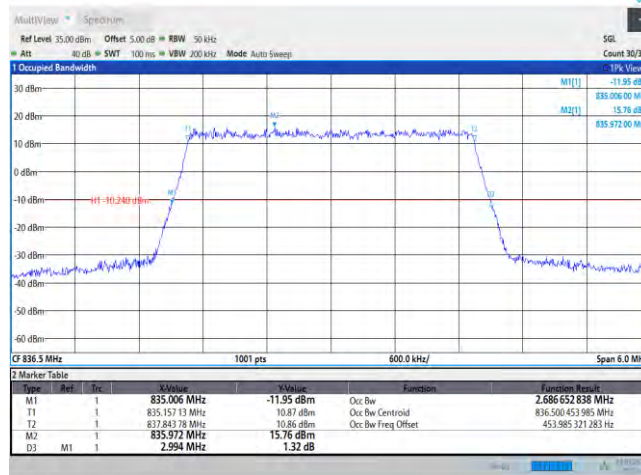
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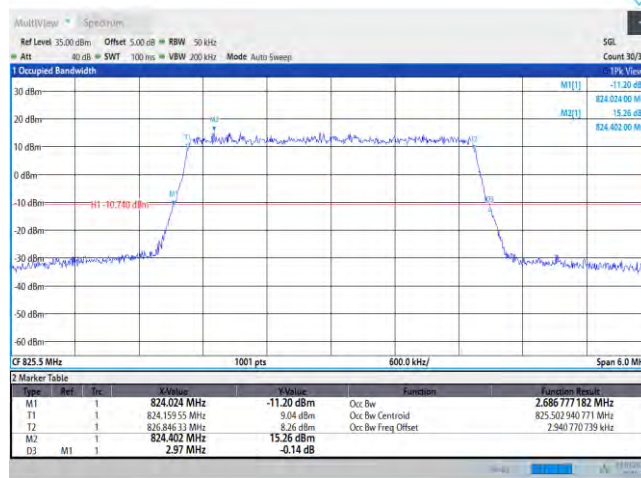


Band5-3MHz-16QAM-20635-15RB#0



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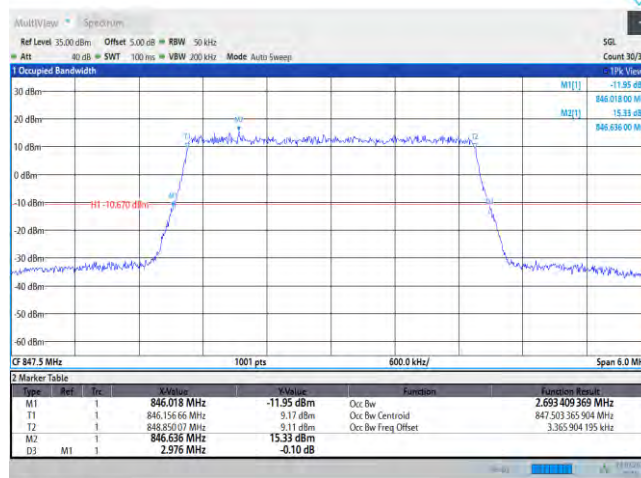
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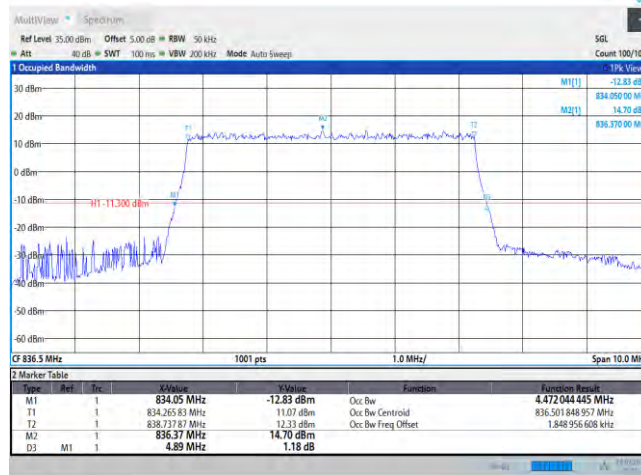
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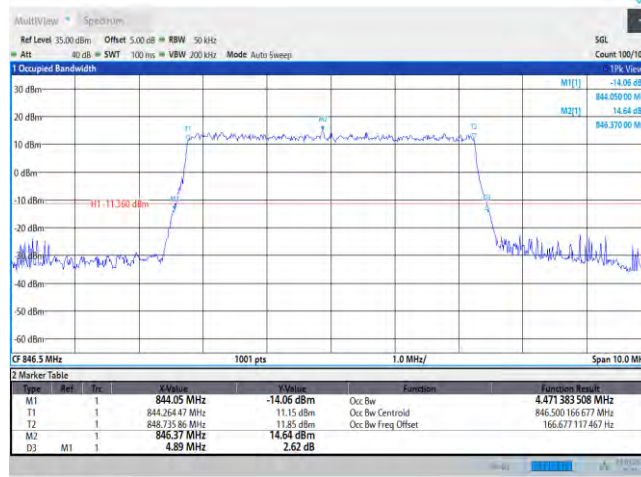
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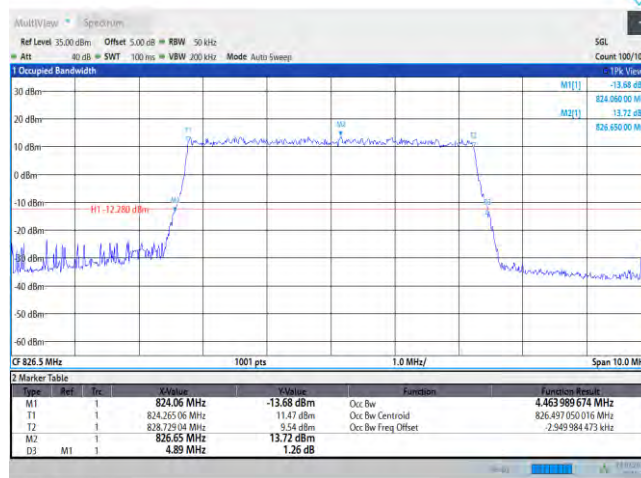
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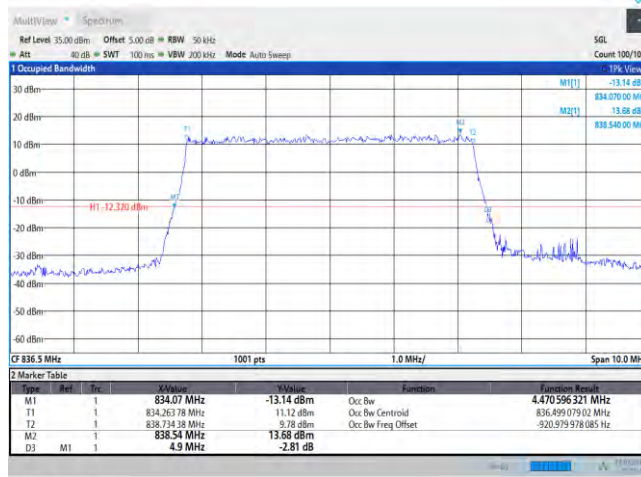
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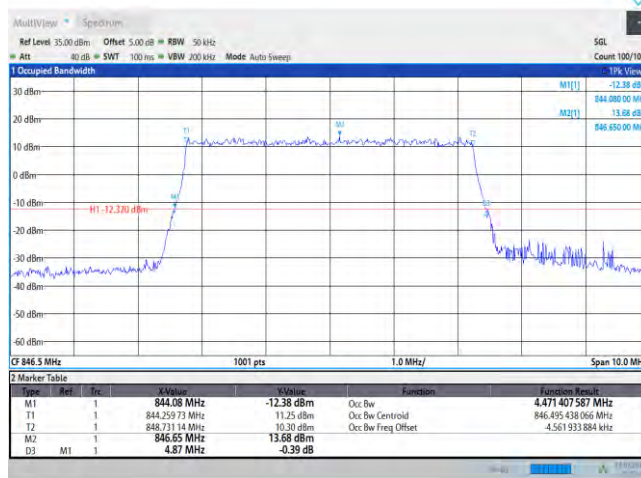
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23:22:01 24.02.2022



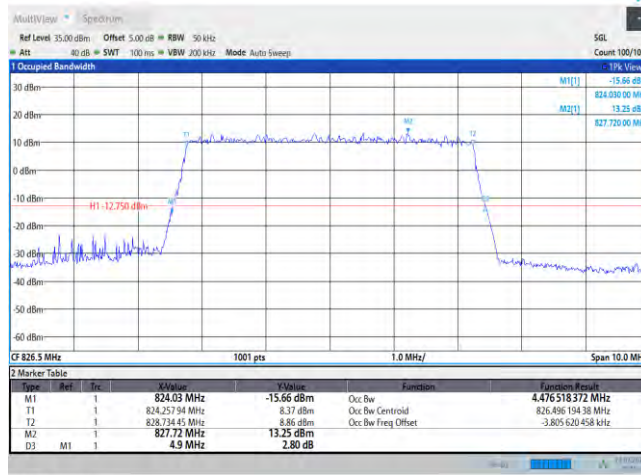
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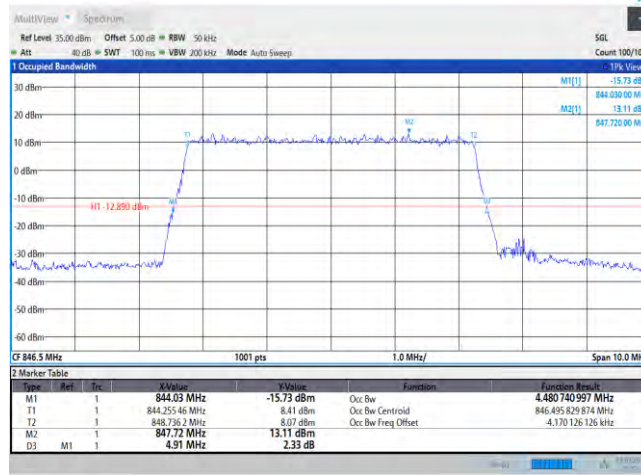
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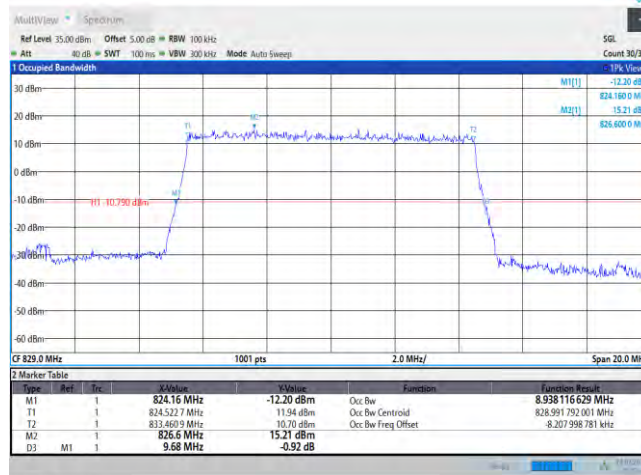
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Band5-5MHz-64QAM-20625-25RB#0



23:22:26 24.02.2022

Band5-10MHz-QPSK-20450-50RB#0



23:23:05 24.02.2022



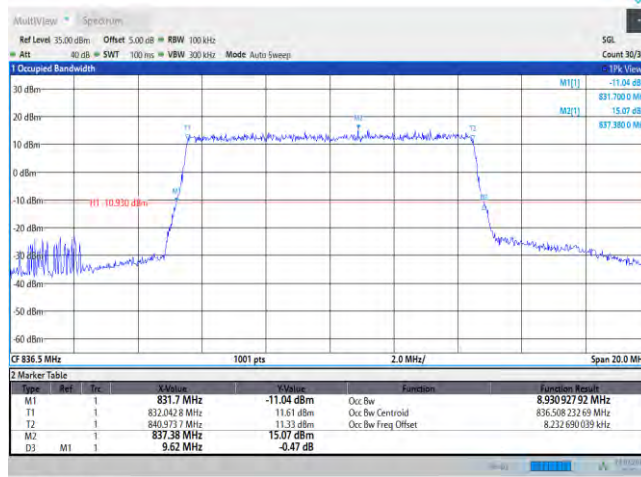
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Band5-10MHz-QPSK-20525-50RB#0



23:24:00 24.02.2022

Band5-10MHz-QPSK-20600-50RB#0



23:24:54 24.02.2022

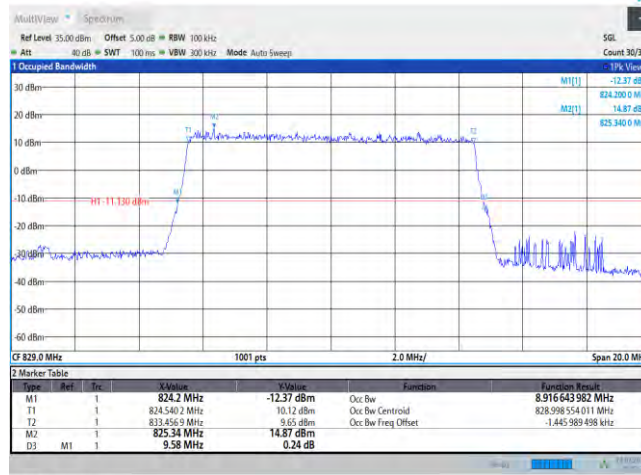


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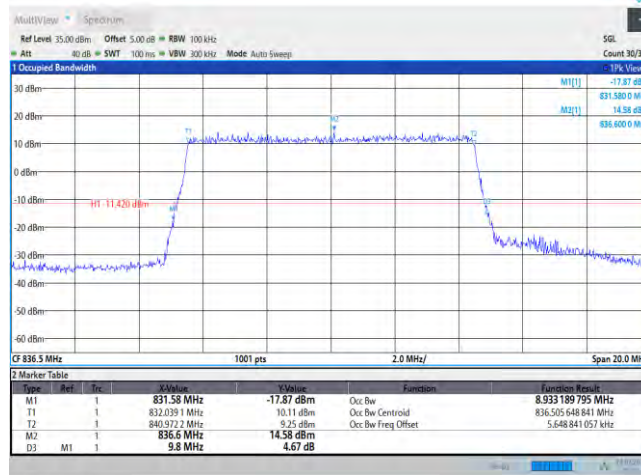


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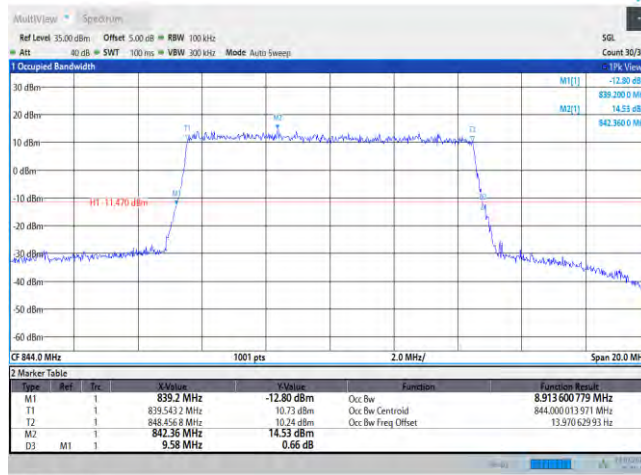
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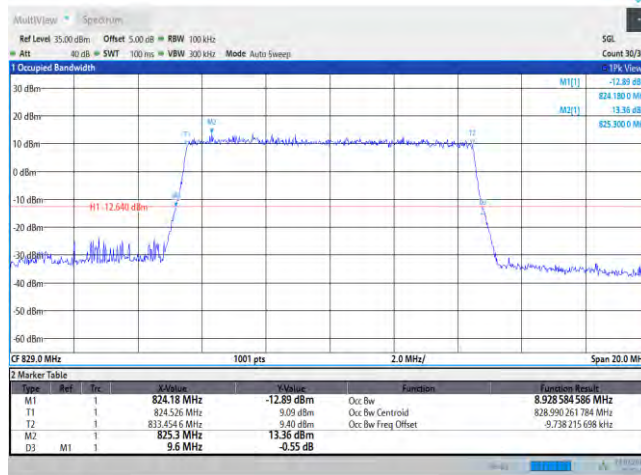
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Band5-10MHz-16QAM-20600-50RB#0



23:25:12 24.02.2022

Band5-10MHz-64QAM-20450-50RB#0



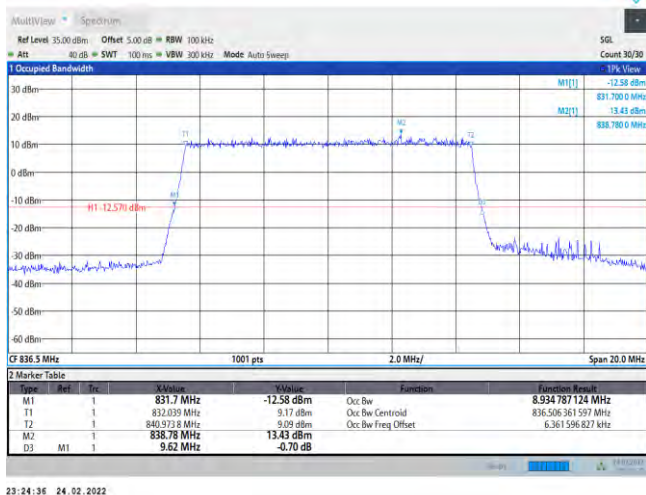
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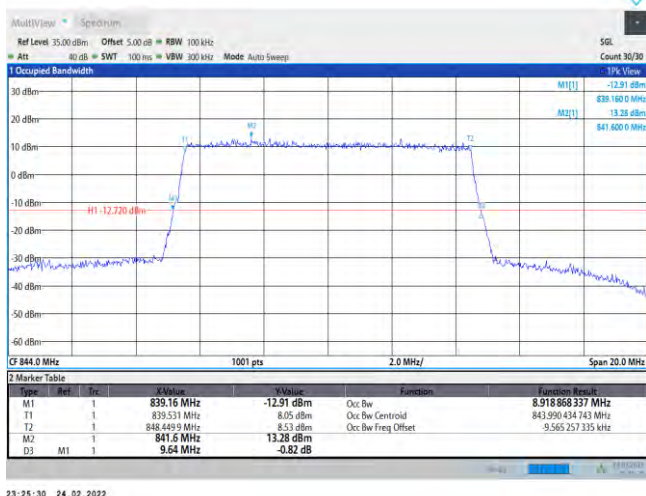
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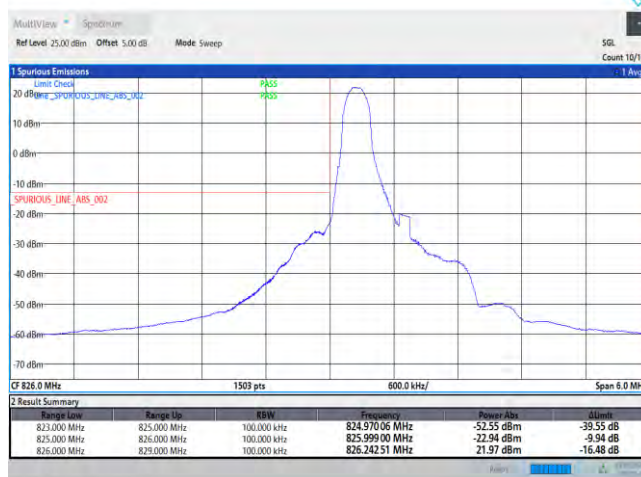
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## Band Edge

## Test Graphs

Band5-1.4MHz-QPSK-20427-1RB#0



09:19:02 25.02.2022

Band5-1.4MHz-QPSK-20427-6RB#0



09:21:11 25.02.2022



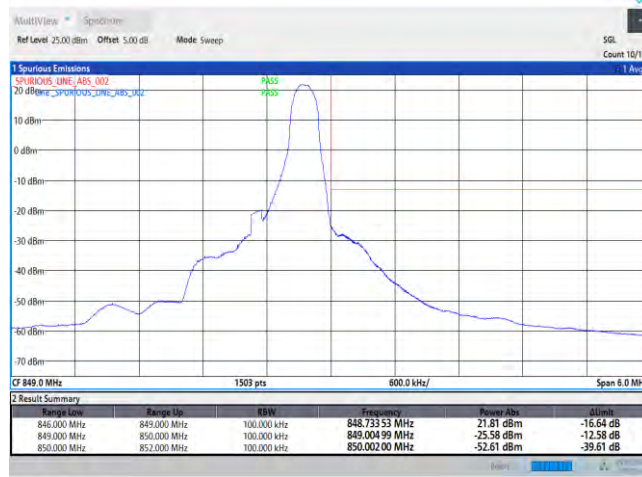
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Band5-1.4MHz-QPSK-20643-1RB#5



09:23:48 25.02.2022

Band5-1.4MHz-QPSK-20643-6RB#0



09:25:56 25.02.2022



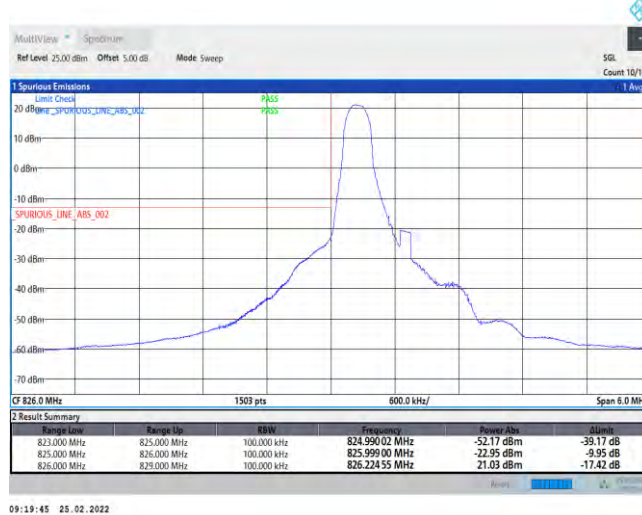
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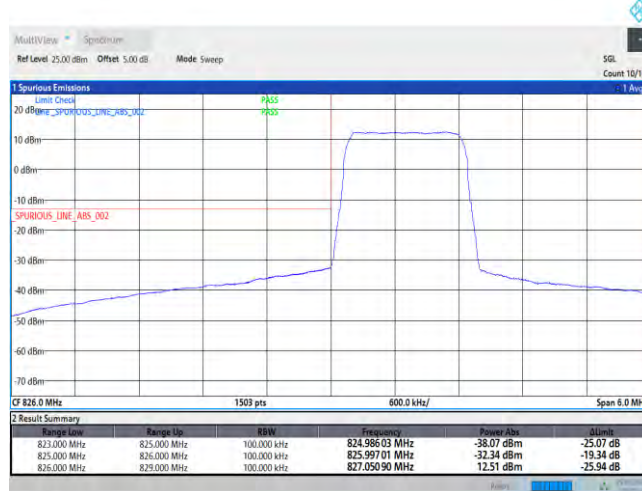
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Band5-1.4MHz-16QAM-20427-1RB#0



09:19:45 25.02.2022

Band5-1.4MHz-16QAM-20427-6RB#0



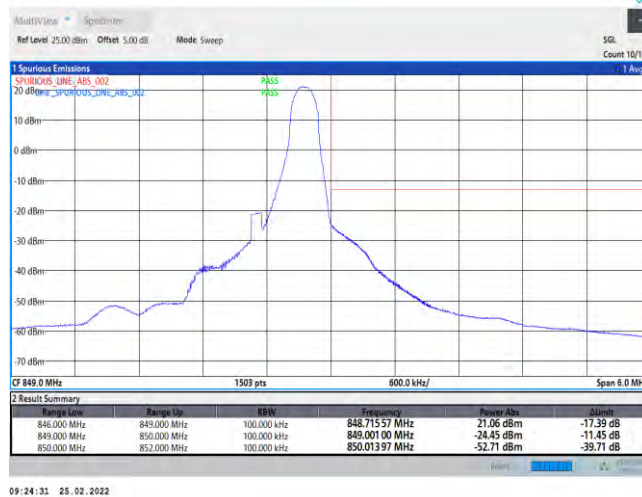
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Band5-1.4MHz-16QAM-20643-1RB#5



09:24:31 25.02.2022

Band5-1.4MHz-16QAM-20643-6RB#0



09:26:39 25.02.2022



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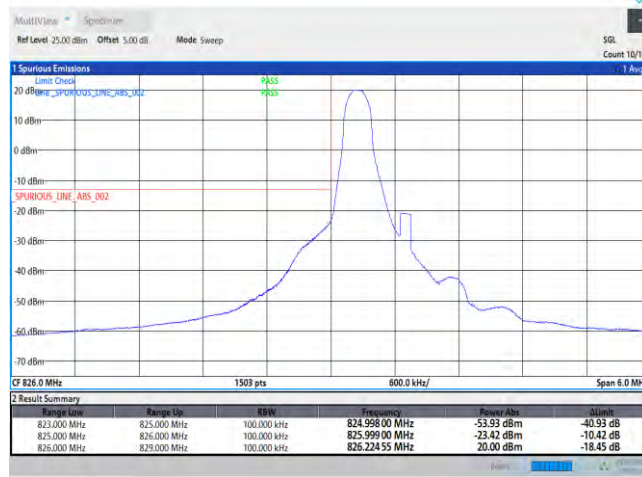
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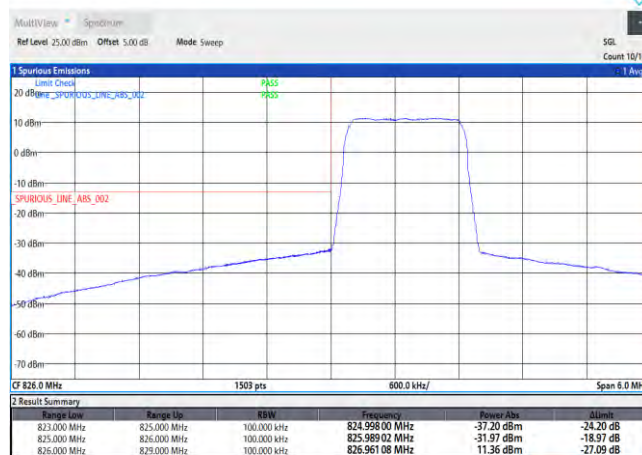
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09:20:28 25.02.2022

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09:22:37 25.02.2022



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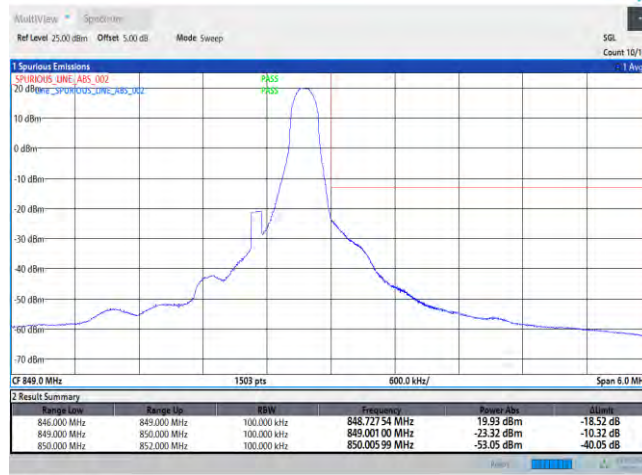
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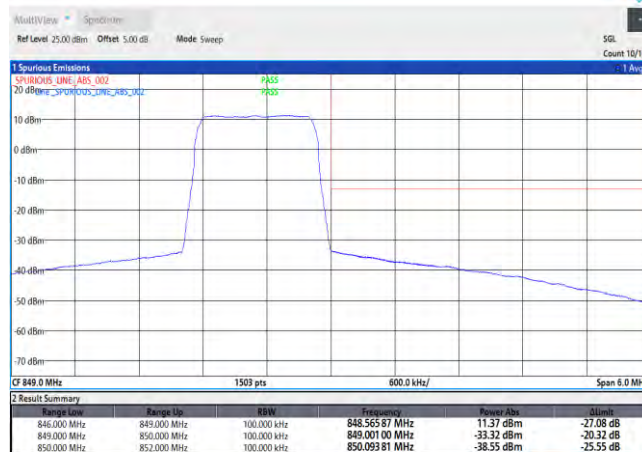


Band5-1.4MHz-64QAM-20643-1RB#5



09:25:14 25.02.2022

Band5-1.4MHz-64QAM-20643-6RB#0



09:27:22 25.02.2022



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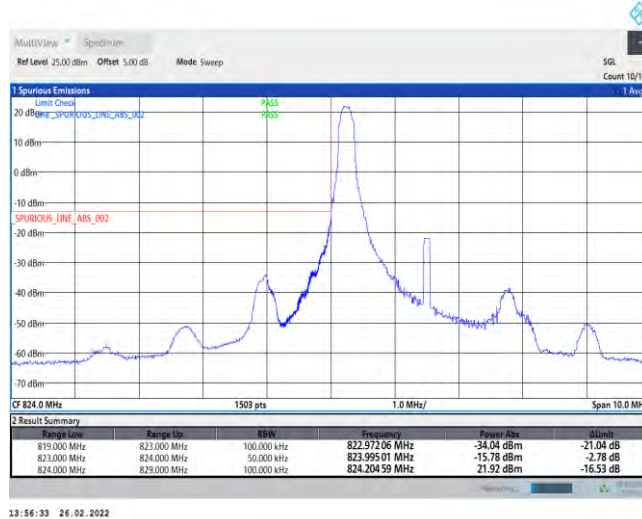
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Band5-3MHz-QPSK-20415-1RB#0



13:56:33 26.02.2022

Band5-3MHz-QPSK-20415-15RB#0



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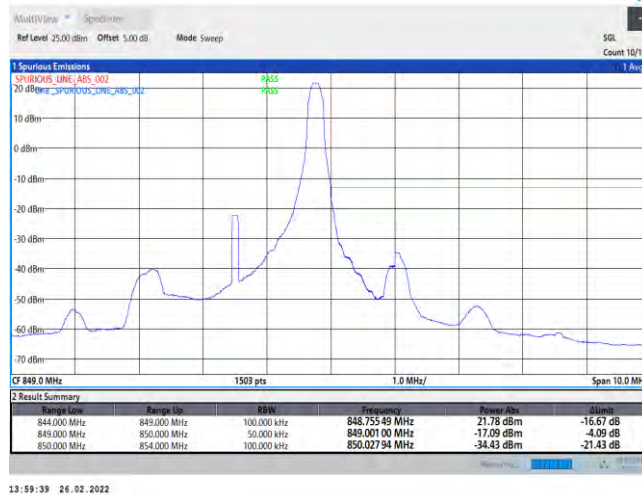
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Band5-3MHz-QPSK-20635-1RB#14



13:59:39 26.02.2022

Band5-3MHz-QPSK-20635-15RB#0



09:35:27 26.02.2022



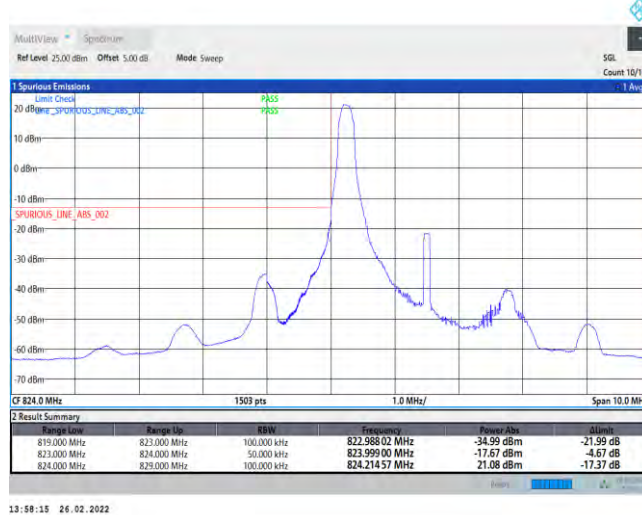
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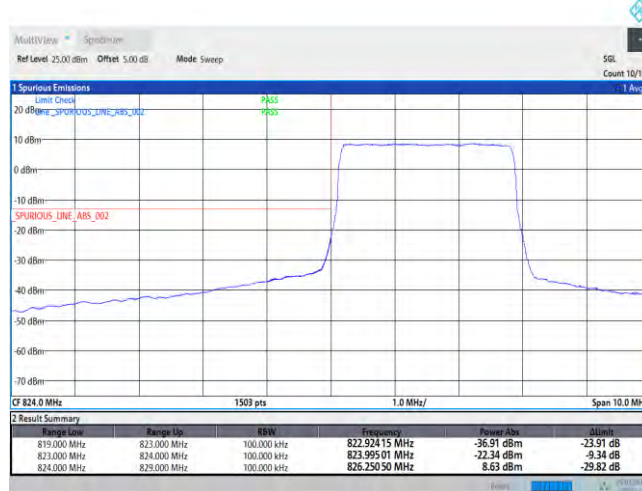
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Band5-3MHz-16QAM-20415-1RB#0



13:58:15 26.02.2022

Band5-3MHz-16QAM-20415-15RB#0



09:31:26 26.02.2022



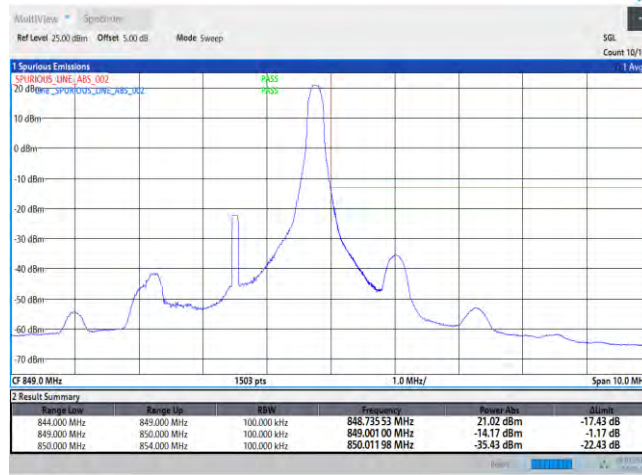
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Band5-3MHz-16QAM-20635-1RB#14



14:00:22 26.02.2022

Band5-3MHz-16QAM-20635-15RB#0



09:36:10 26.02.2022



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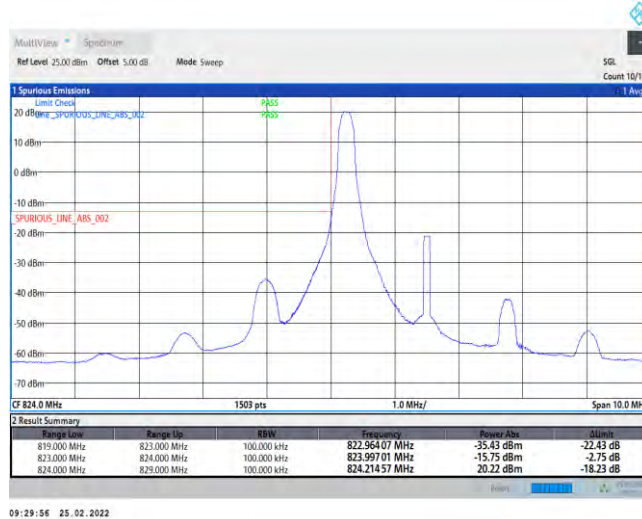
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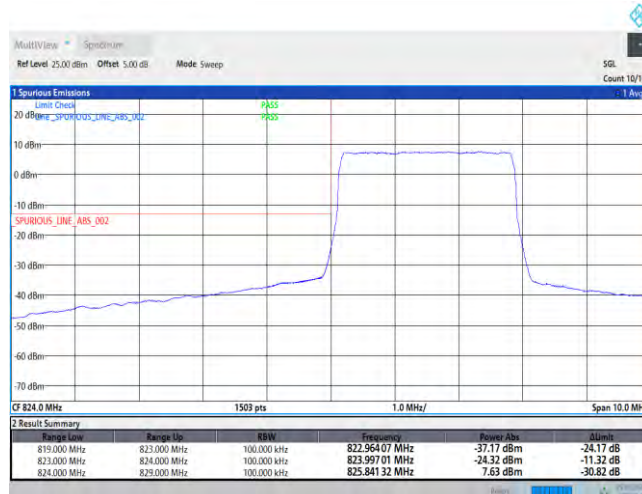
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Band5-3MHz-64QAM-20415-1RB#0



09:29:56 25.02.2022

Band5-3MHz-64QAM-20415-15RB#0



09:32:11 25.02.2022



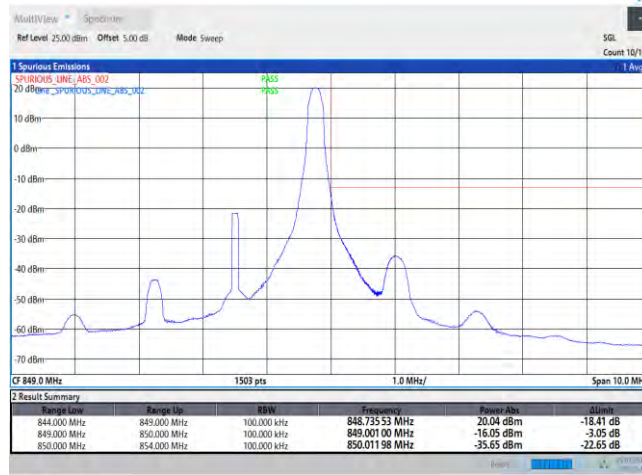
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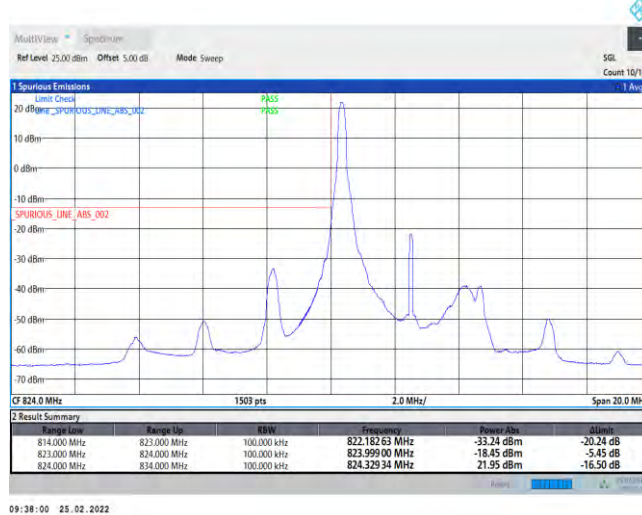
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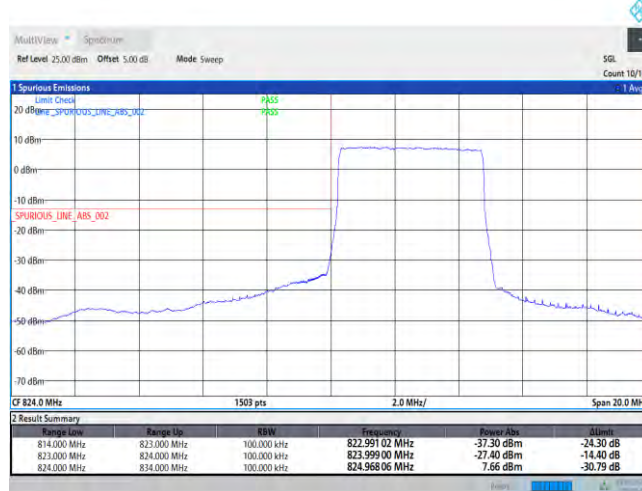
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Band5-5MHz-QPSK-20425-1RB#0



09:38:00 25.02.2022

Band5-5MHz-QPSK-20425-25RB#0



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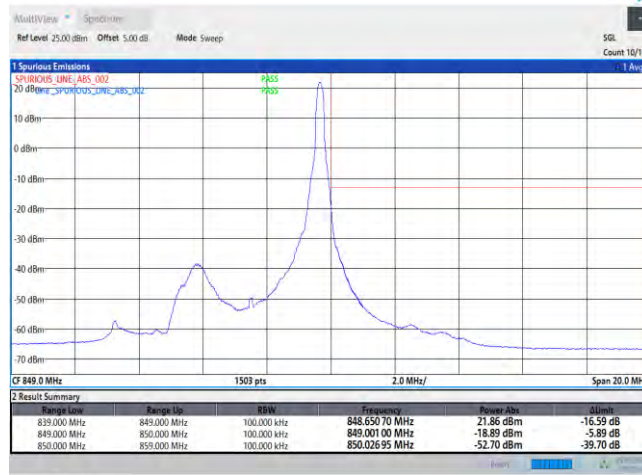
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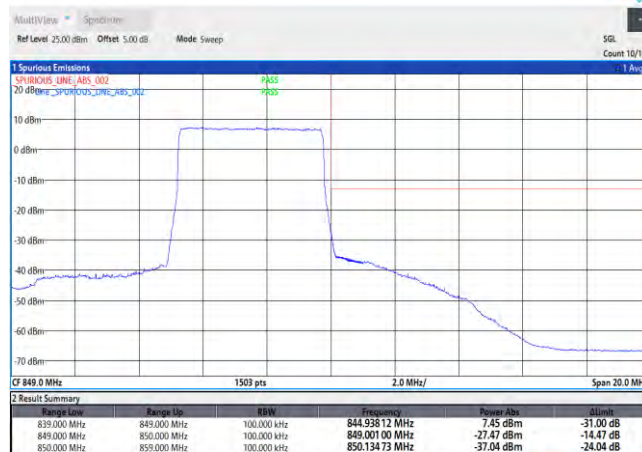


Band5-5MHz-QPSK-20625-1RB#24



09:42:42 25.02.2022

Band5-5MHz-QPSK-20625-25RB#0



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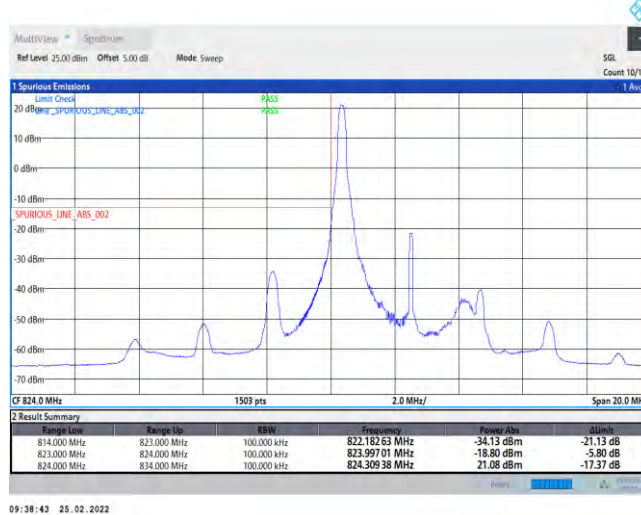
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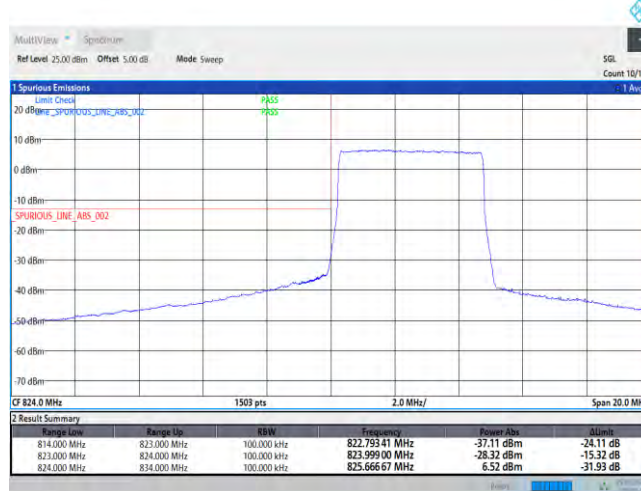
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Band5-5MHz-16QAM-20425-25RB#0



09:40:52 25.02.2022



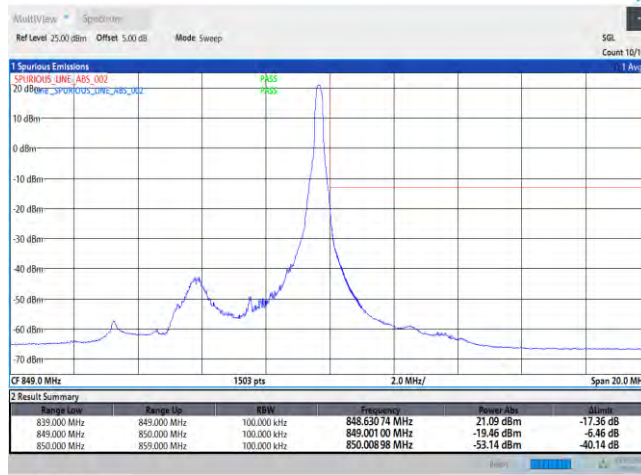
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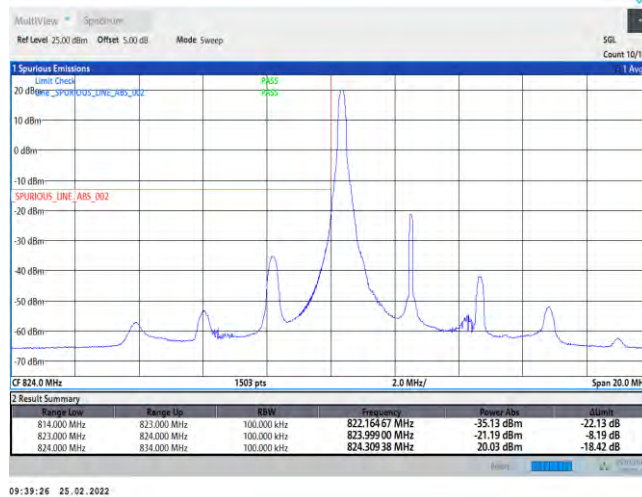
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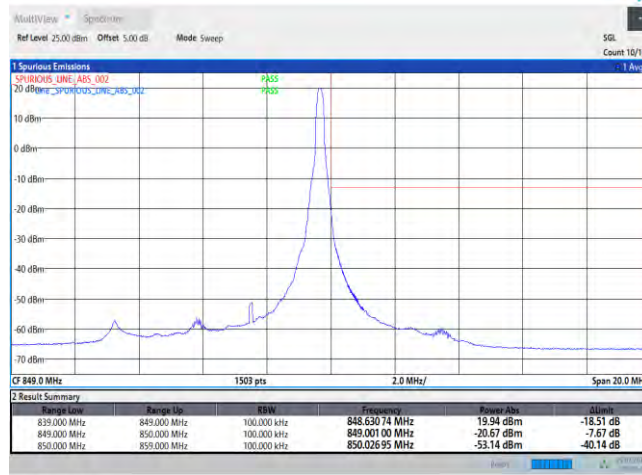
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Band5-5MHz-64QAM-20625-25RB#0



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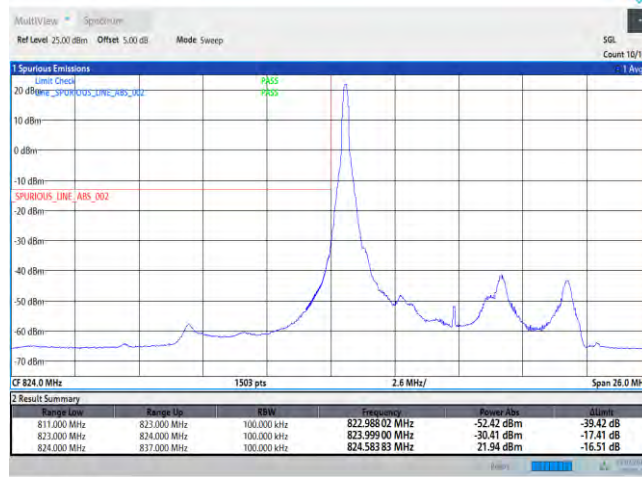
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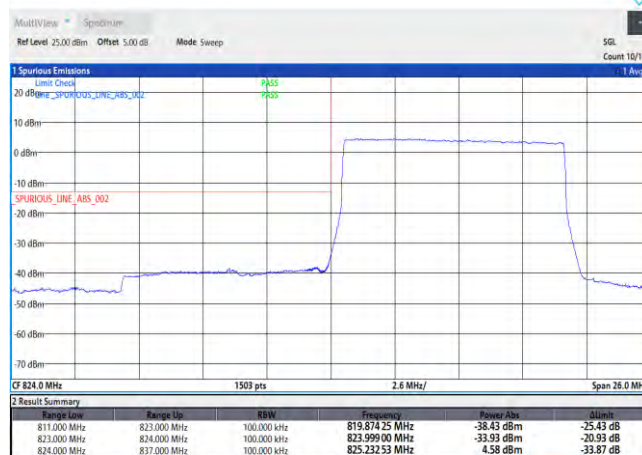
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Band5-10MHz-QPSK-20450-1RB#0



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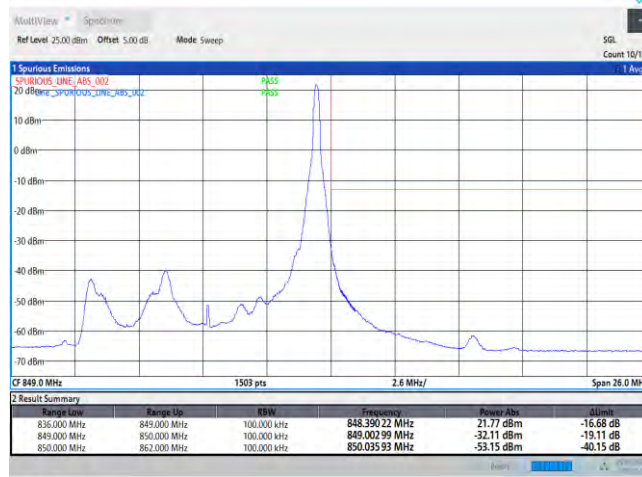
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Band5-10MHz-QPSK-20600-1RB#49



09:52:12 25.02.2022

Band5-10MHz-QPSK-20600-50RB#0



09:54:20 25.02.2022



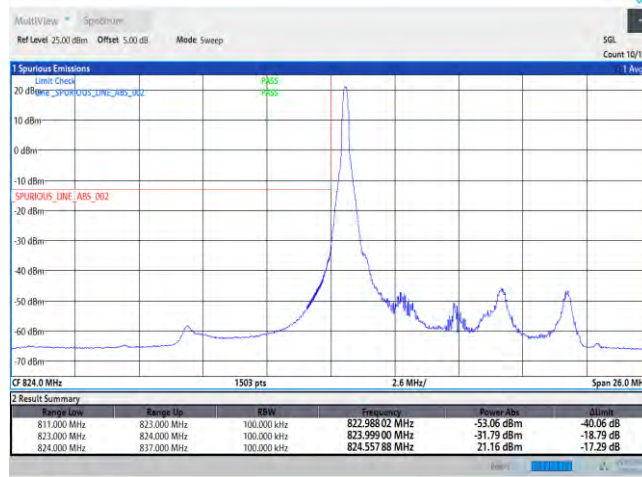
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Band5-10MHz-16QAM-20450-1RB#0



09:48:07 25.02.2022

Band5-10MHz-16QAM-20450-50RB#0



09:50:16 25.02.2022



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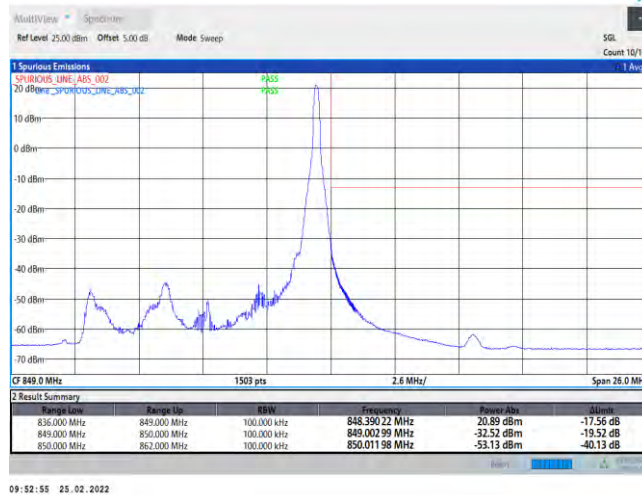
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Band5-10MHz-16QAM-20600-1RB#49



09:52:55 25.02.2022

Band5-10MHz-16QAM-20600-50RB#0



09:55:03 25.02.2022



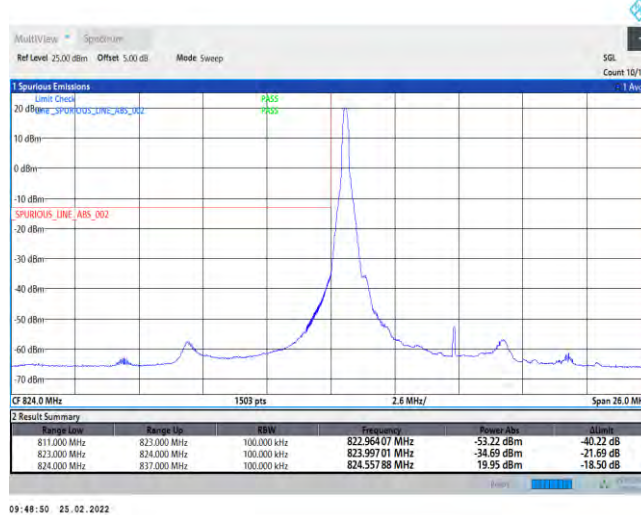
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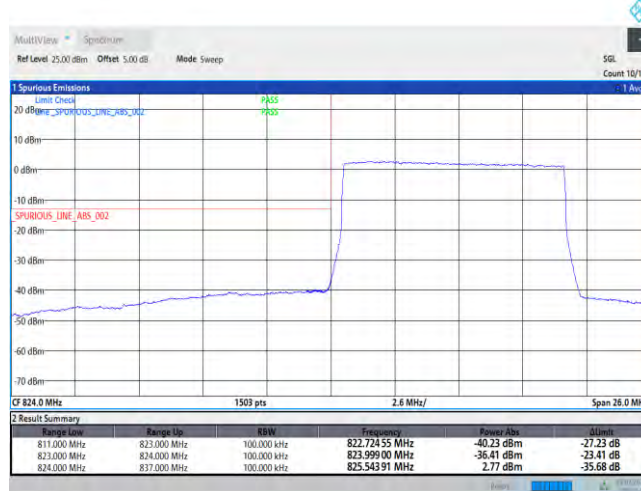
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Band5-10MHz-64QAM-20450-1RB#0



09:48:50 25.02.2022

Band5-10MHz-64QAM-20450-50RB#0



09:50:59 25.02.2022



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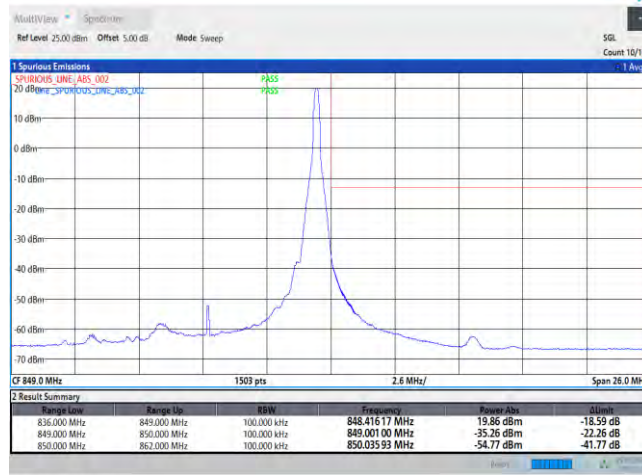
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Band5-10MHz-64QAM-20600-1RB#49



09:53:38 25.02.2022

Band5-10MHz-64QAM-20600-50RB#0



09:55:46 25.02.2022



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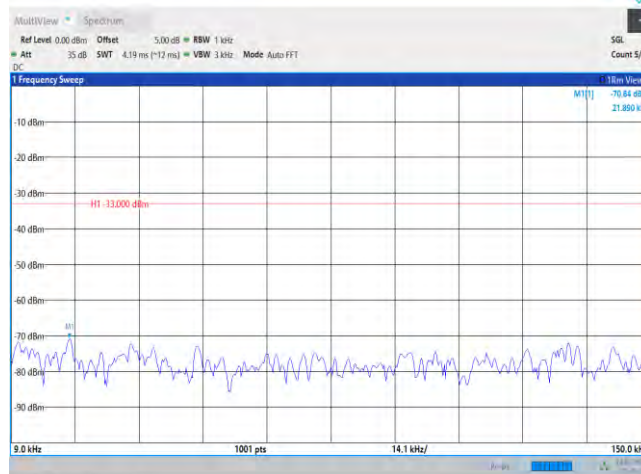
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## Conducted Spurious Emission

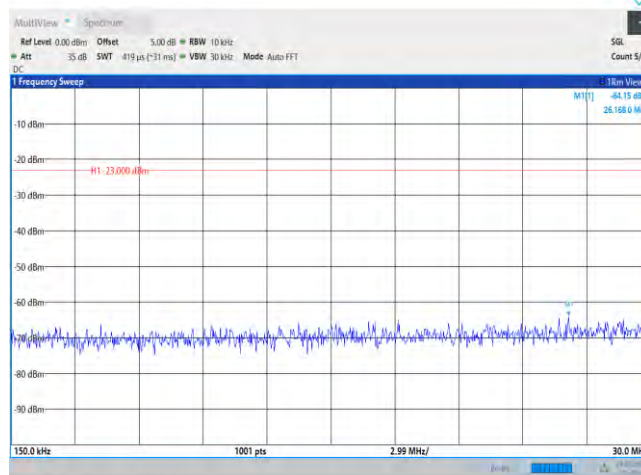
### Test Graphs

Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



23:49:32 24.02.2022

Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz



23:49:40 24.02.2022



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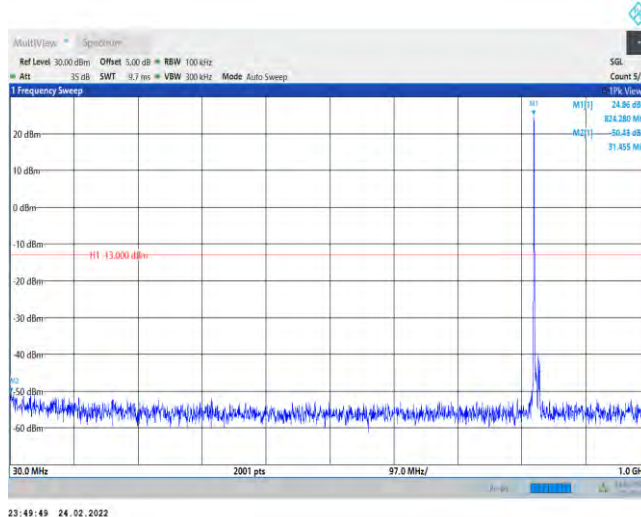
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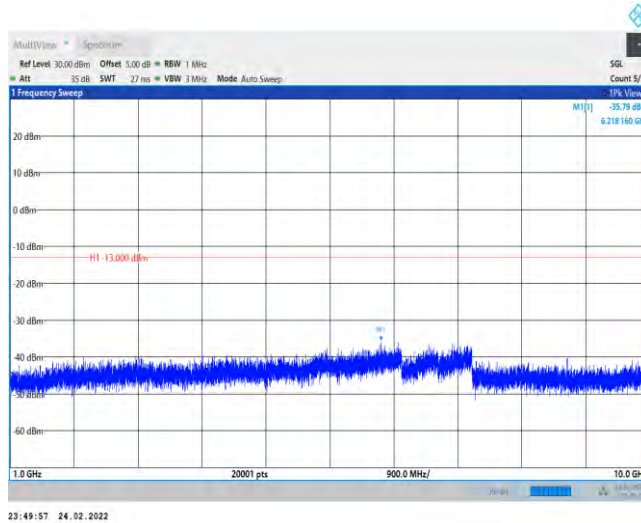
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Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



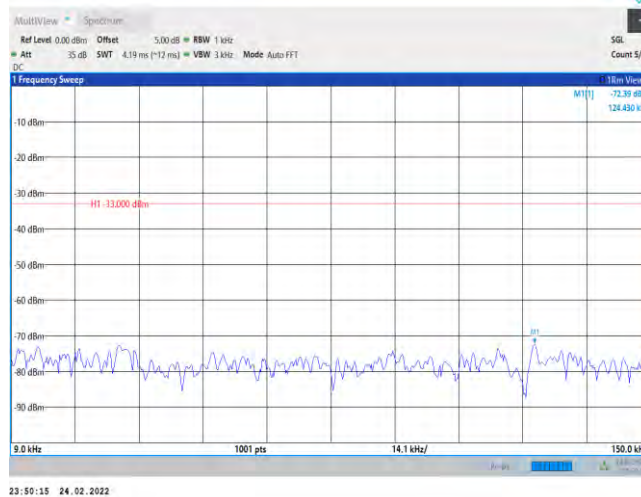
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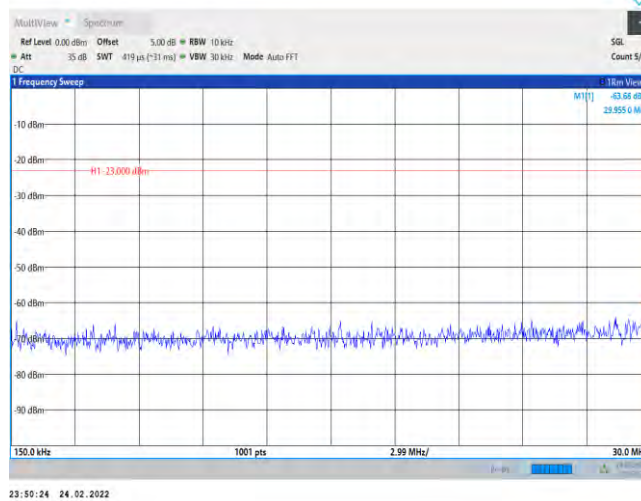
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Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



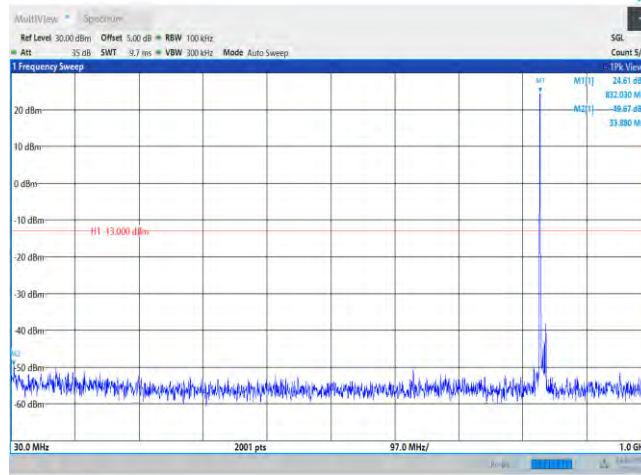
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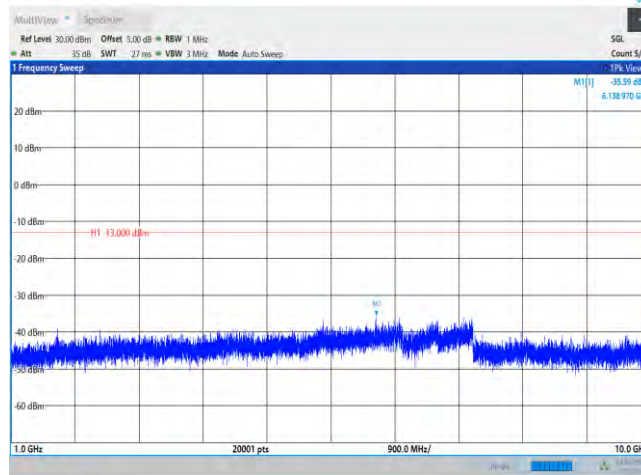
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Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



23:50:32 24.02.2022

Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



23:50:41 24.02.2022



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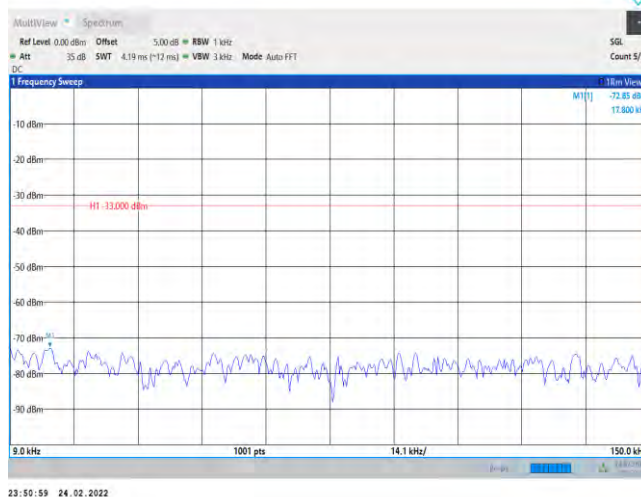
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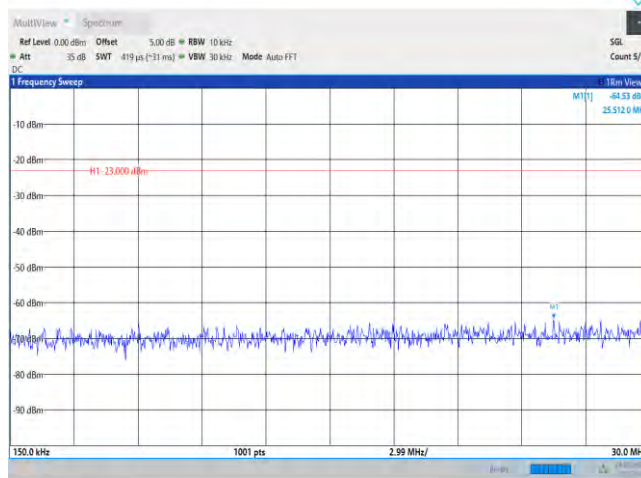
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Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



23:50:59 24.02.2022

Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz



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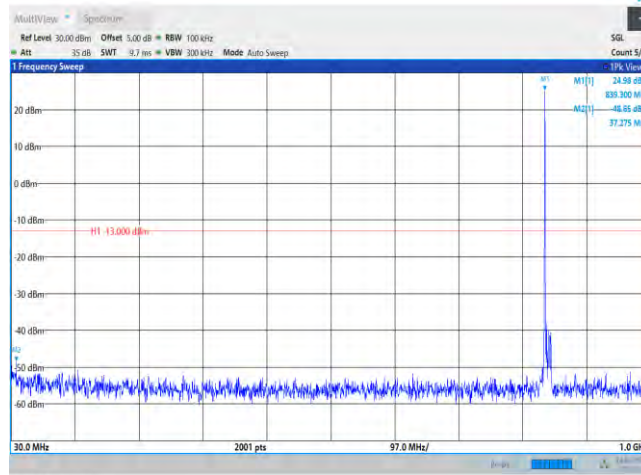


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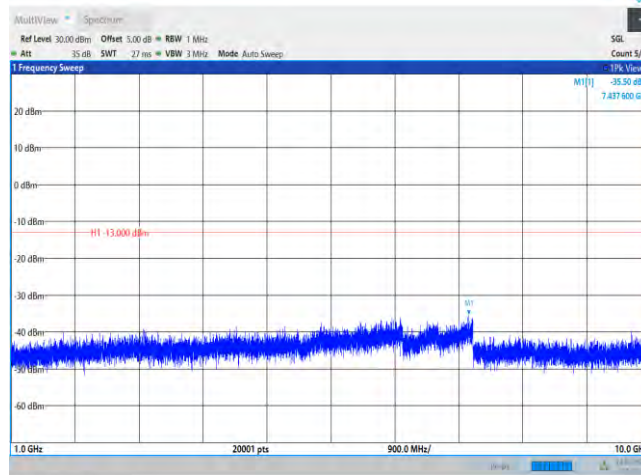


Band5-10MHz-QPSK-20600-1RB#0-Range3:30~1000MHz



23:51:16 24.02.2022

Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~10000MHz



23:51:24 24.02.2022



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## Field Strength of Spurious Radiation

Test Band =LTE Band 5\_ TM1

Test Channel =Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	62.26	-118.07	-55.81	-13.00	42.81	189	194	Horizontal
2	2473.77	53.59	-114.37	-60.78	-13.00	47.78	142	341	Horizontal
3	3298.36	51.49	-111.89	-60.40	-13.00	47.40	236	65	Horizontal
4	4122.95	48.28	-109.80	-61.52	-13.00	48.52	125	351	Horizontal
5	4947.54	50.26	-107.87	-57.61	-13.00	44.61	187	119	Horizontal
6	5772.13	50.96	-105.31	-54.35	-13.00	41.35	194	119	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	60.78	-118.07	-57.29	-13.00	44.29	125	157	Vertical
2	2473.77	56.89	-114.37	-57.48	-13.00	44.48	194	199	Vertical
3	3298.36	51.41	-111.89	-60.48	-13.00	47.48	127	359	Vertical
4	4122.95	48.14	-109.80	-61.66	-13.00	48.66	120	11	Vertical
5	4947.54	49.93	-107.87	-57.94	-13.00	44.94	235	157	Vertical
6	5772.13	49.87	-105.31	-55.44	-13.00	42.44	145	358	Vertical



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Test Band =LTE Band 5\_ TM1

Test Channel =Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664	61.14	-118.03	-56.89	-13.00	43.89	188	150	Horizontal
2	2496	55.89	-114.14	-58.25	-13.00	45.25	194	245	Horizontal
3	3328.36	50.44	-111.95	-61.51	-13.00	48.51	156	139	Horizontal
4	4160.45	48.79	-109.62	-60.83	-13.00	47.83	172	26	Horizontal
5	4992.54	50.23	-107.69	-57.46	-13.00	44.46	234	107	Horizontal
6	5824.63	50.74	-105.05	-54.31	-13.00	41.31	185	11	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664	61.38	-118.03	-56.65	-13.00	43.65	111	230	Vertical
2	2496.27	51.73	-114.12	-62.39	-13.00	49.39	235	114	Vertical
3	3328.36	50.30	-111.95	-61.65	-13.00	48.65	145	360	Vertical
4	4160.45	48.77	-109.62	-60.85	-13.00	47.85	178	166	Vertical
5	4992.54	49.48	-107.69	-58.21	-13.00	45.21	194	337	Vertical
6	5824.63	52.36	-105.05	-52.69	-13.00	39.69	172	358	Vertical



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Test Band =LTE Band 5\_ TM1

Test Channel =High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	60.75	-118.00	-57.25	-13.00	44.25	112	162	Horizontal
2	2518.77	55.76	-114.13	-58.37	-13.00	45.37	231	319	Horizontal
3	3358.36	51.41	-112.02	-60.61	-13.00	47.61	201	37	Horizontal
4	4197.95	48.51	-109.46	-60.95	-13.00	47.95	205	276	Horizontal
5	5037.54	50.28	-107.51	-57.23	-13.00	44.23	194	59	Horizontal
6	5887.13	50.44	-104.66	-54.22	-13.00	41.22	255	25	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	59.71	-118.00	-58.29	-13.00	45.29	129	209	Vertical
2	2518.77	53.18	-114.13	-60.95	-13.00	47.95	142	271	Vertical
3	3358.36	51.81	-112.02	-60.21	-13.00	47.21	175	354	Vertical
4	4197.95	48.81	-109.46	-60.65	-13.00	47.65	165	105	Vertical
5	5037.54	49.69	-107.51	-57.82	-13.00	44.82	238	292	Vertical
6	5887.13	51.22	-104.66	-53.44	-13.00	40.44	191	187	Vertical



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## Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSk	20525	50RB#0	VL	NT	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	VN	NT	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	VH	NT	-2.20	-0.002630	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSk	20525	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	NV	-20	0.70	0.000837	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	NV	-10	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	NV	0	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	NV	10	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	NV	20	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	NV	30	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	NV	40	0.20	0.000239	±2.5	PASS
Band5	10MHz	QPSk	20525	50RB#0	NV	50	-0.90	-0.001076	±2.5	PASS

The End



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