



Appendix G: Test Data for E-UTRA Band 12

Product Name: Smart phone

Test Model: DL4s

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu



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G.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.30	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.41	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.29	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.33	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.34	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.31	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.37	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.34	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.41	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.34	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.37	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.37	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.08	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.99	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.61	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.71	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.68	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.67	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.76	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.33	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.51	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.28	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.21	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.20	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.15	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.39	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.45	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.60	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.43	PASS



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Band12	1.4MHz	16QAM	23095	3RB#0	22.25	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.20	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.99	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.50	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.68	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.47	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.55	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.54	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.49	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.73	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.80	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.86	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.87	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.94	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.92	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.92	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.85	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.90	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.88	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.83	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.89	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.87	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.86	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.89	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.75	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.68	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.69	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.73	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.74	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.69	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.65	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.01	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.96	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.95	PASS



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Band12	3MHz	16QAM	23025	8RB#0	20.93	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.91	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.91	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.89	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.05	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.03	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.87	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.95	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.94	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.95	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.81	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.60	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.54	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.54	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.76	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.73	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.62	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.79	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.96	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.82	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.81	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.78	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.85	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.86	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.96	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.79	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.87	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.92	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.80	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.89	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.75	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.82	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.60	PASS



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Band12	5MHz	QPSK	23155	12RB#0	21.71	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.70	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.65	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.68	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.76	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.92	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.80	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.88	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.78	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.94	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.90	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.98	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.12	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.86	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.05	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.96	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.89	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.94	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.71	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.73	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.57	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.79	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.82	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.67	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.76	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.76	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.05	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.87	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.87	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.83	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.90	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.81	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.09	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.76	PASS



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Band12	10MHz	QPSK	23095	25RB#0	21.95	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.99	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.87	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.88	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.91	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.88	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.64	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.90	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.92	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.80	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.82	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.95	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.15	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.93	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.87	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.90	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.90	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.92	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.94	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.12	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.82	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.05	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.06	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.93	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.94	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.79	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.53	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.00	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.00	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.82	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.81	PASS





G.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	4.47	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.15	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.26	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.35	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.99	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.06	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.70	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.15	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.44	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.54	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.00	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.32	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.91	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.24	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.73	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.69	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.04	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.55	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.11	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.21	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.10	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.92	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.01	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.91	13	PASS



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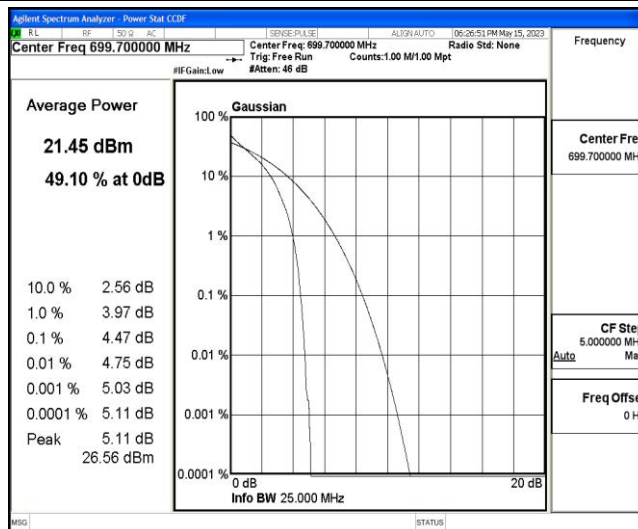
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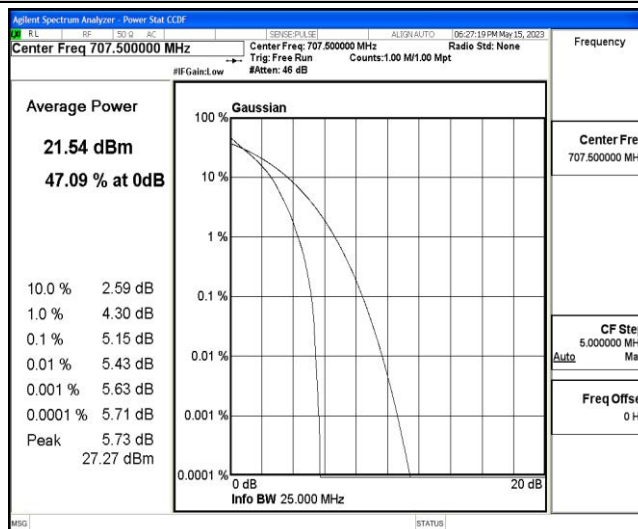


Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0

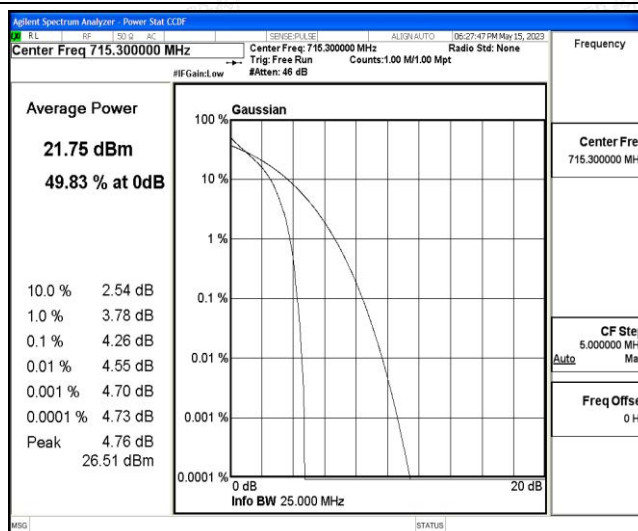


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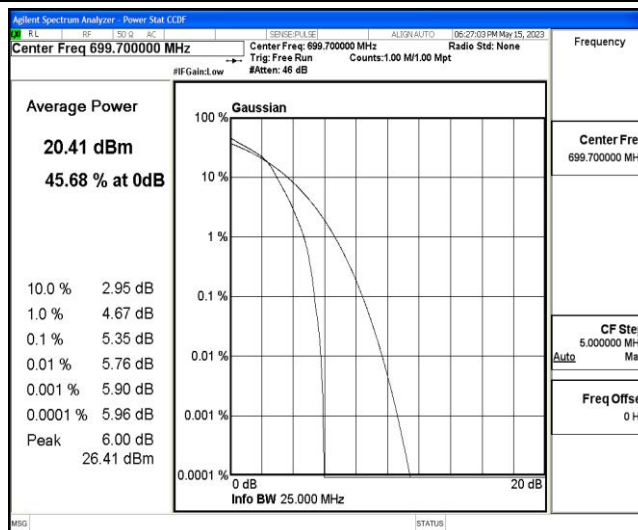


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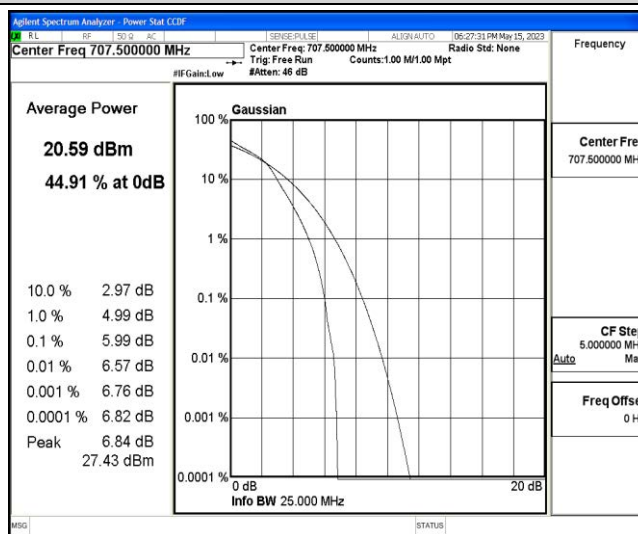




Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-6RB#0

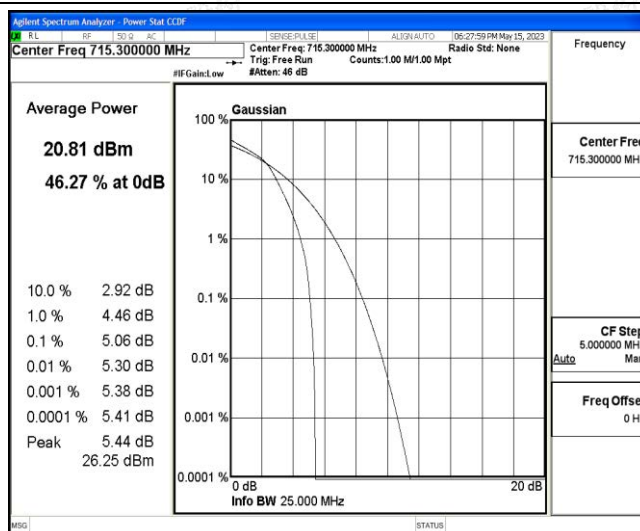


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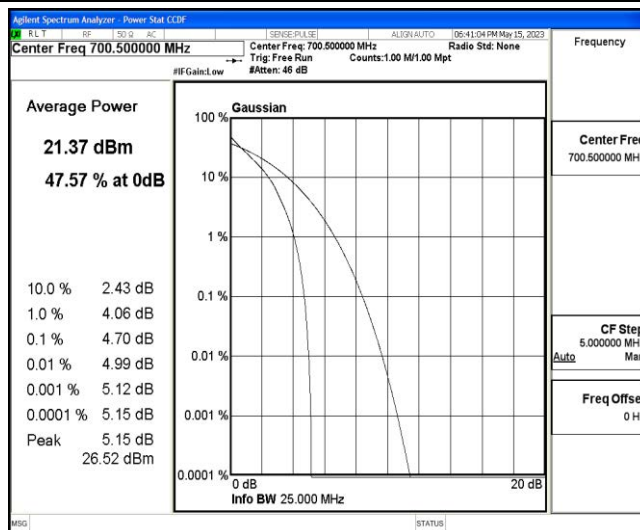
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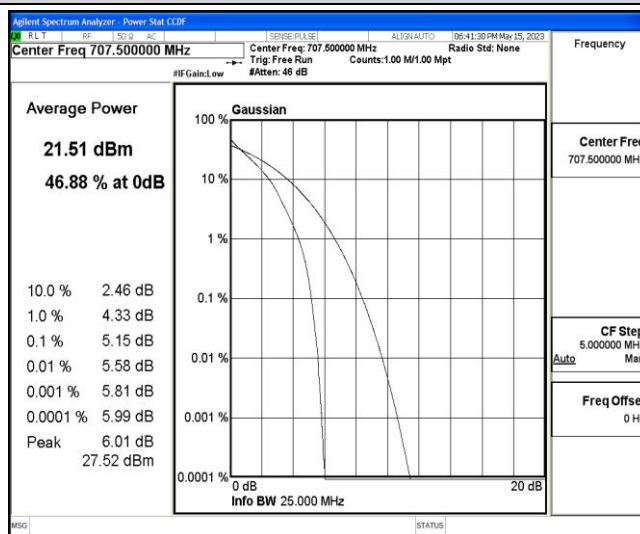
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Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0



Band12-3MHz-QPSK-23165-15RB#0

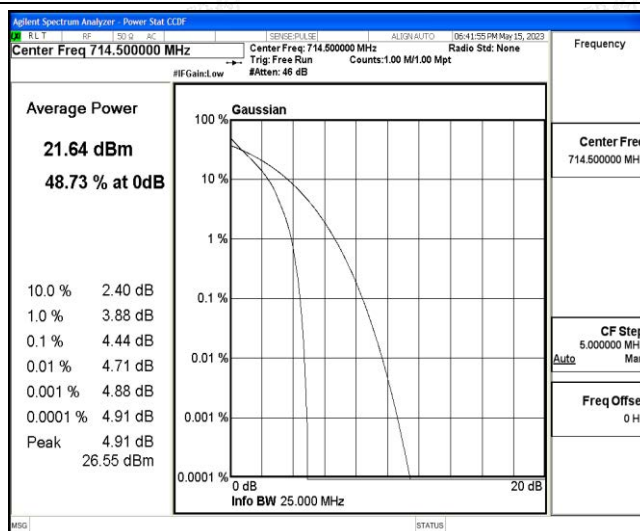


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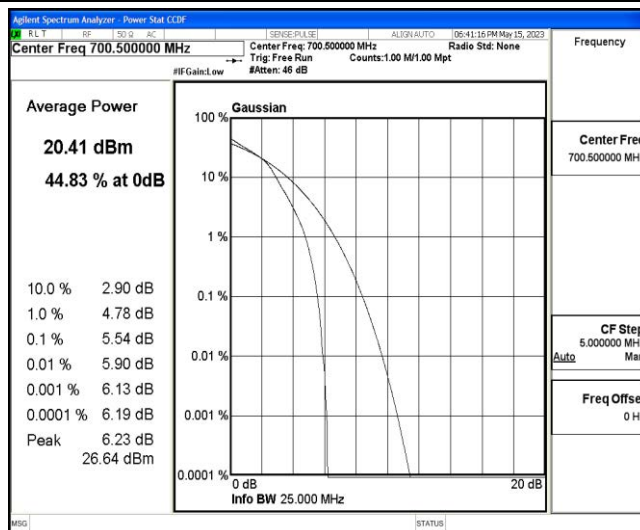
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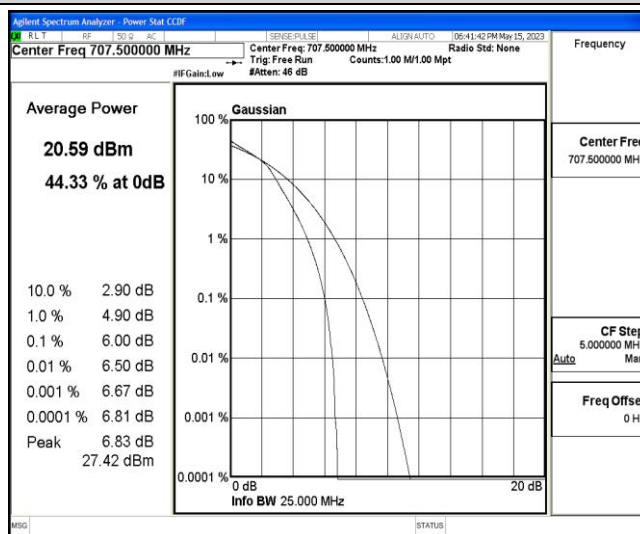
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Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-15RB#0

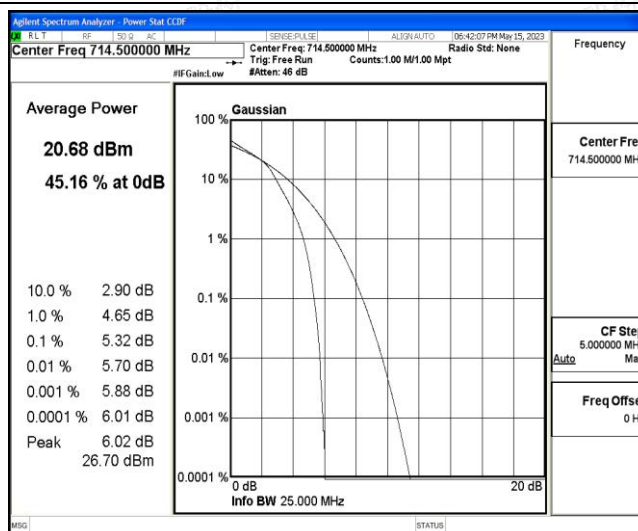


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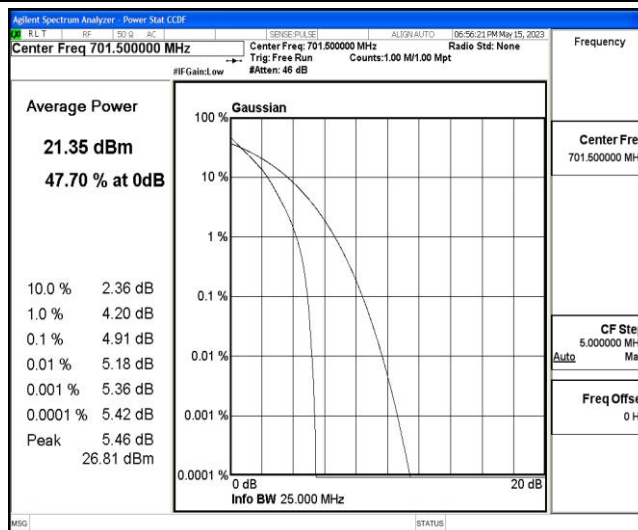
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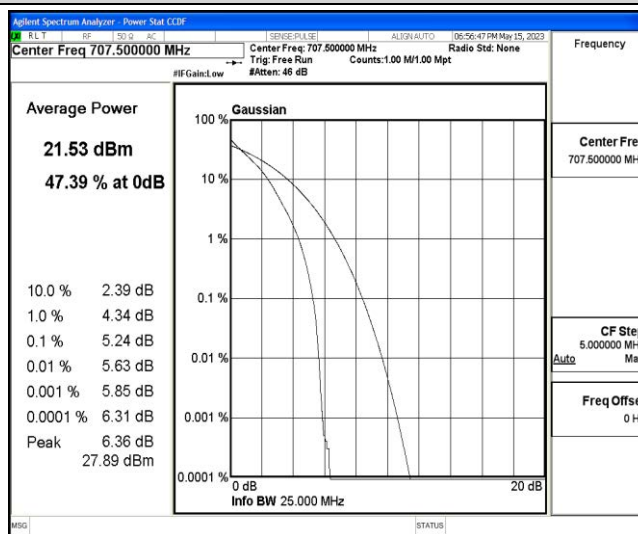
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Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-25RB#0

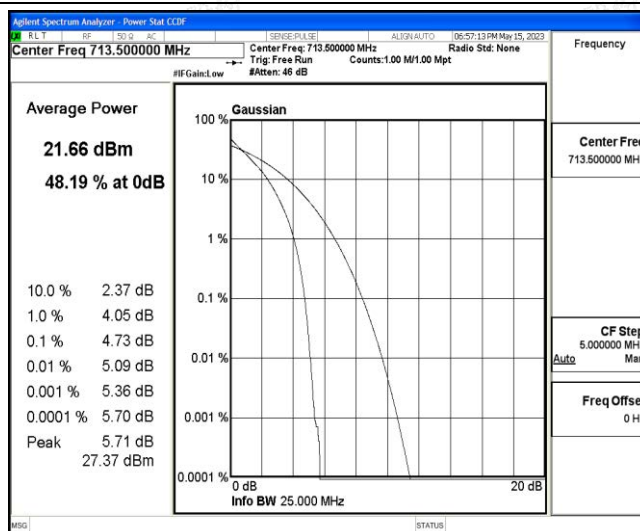


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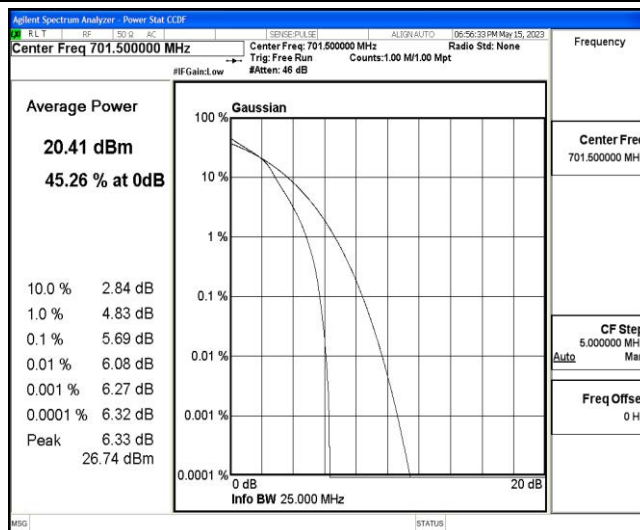
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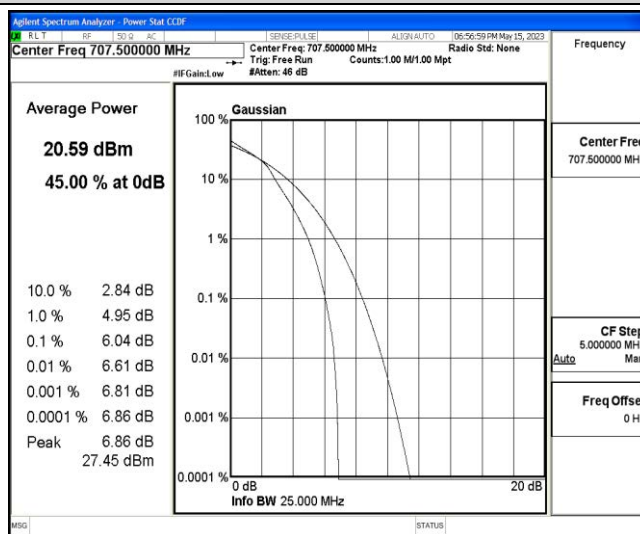
Scan code to check authenticity



Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-25RB#0

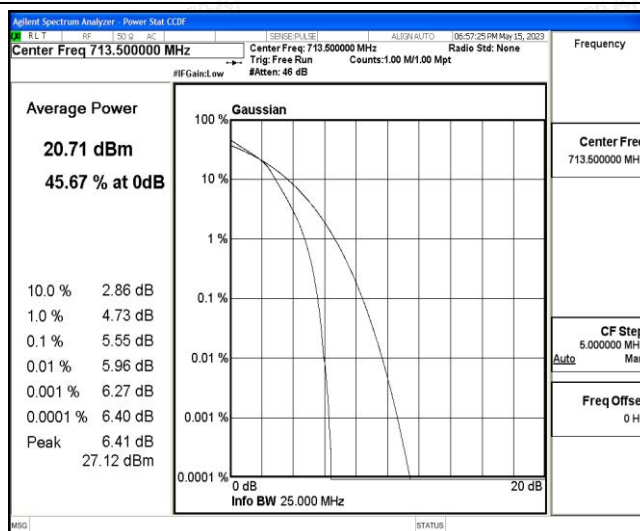


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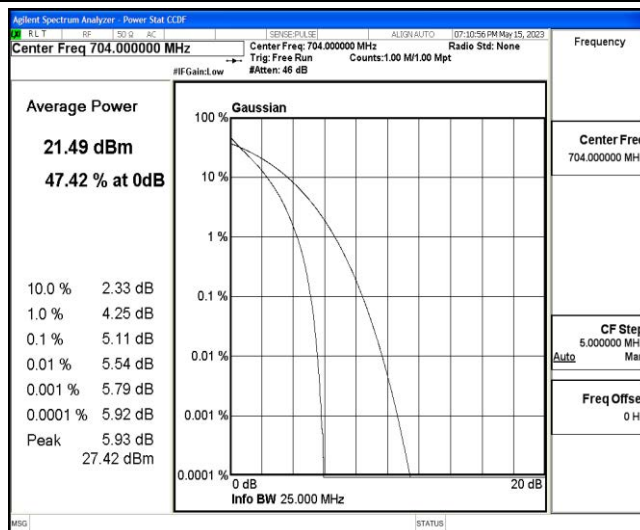
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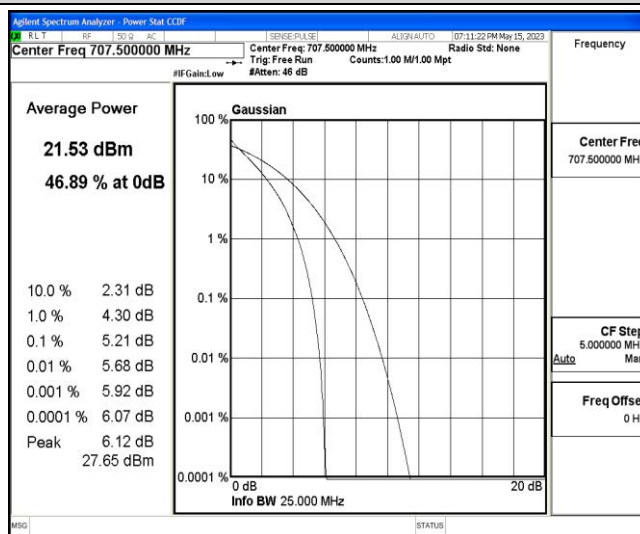
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Band12-10MHz-QPSK-23060-50RB#0

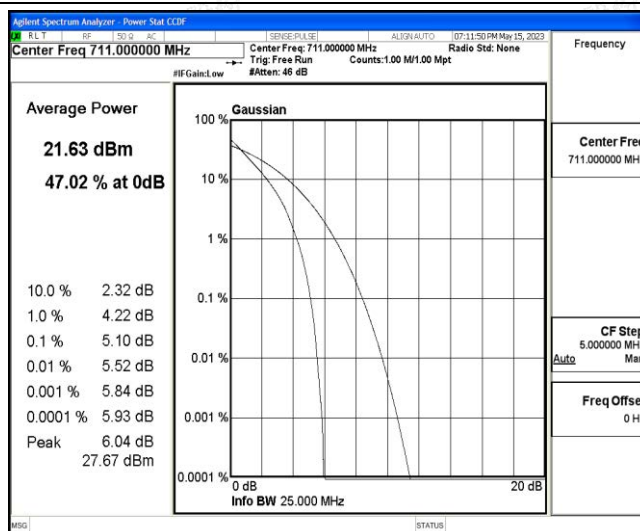


Band12-10MHz-QPSK-23095-50RB#0

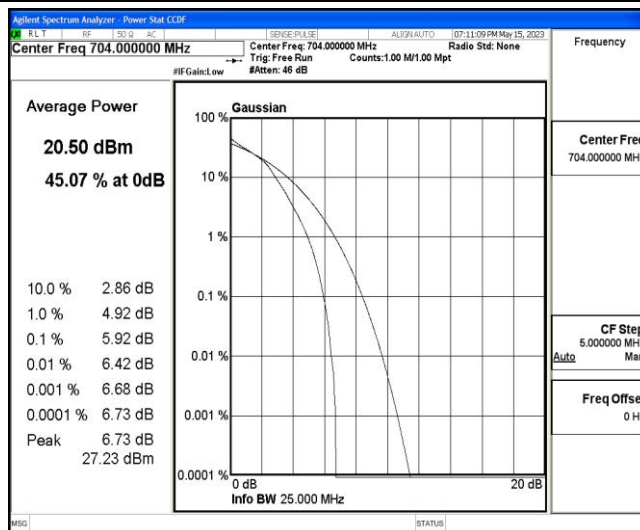


Band12-10MHz-QPSK-23130-50RB#0

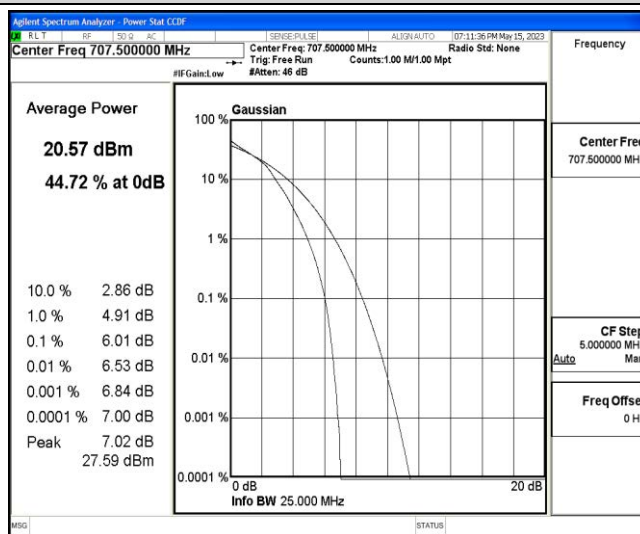




Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0

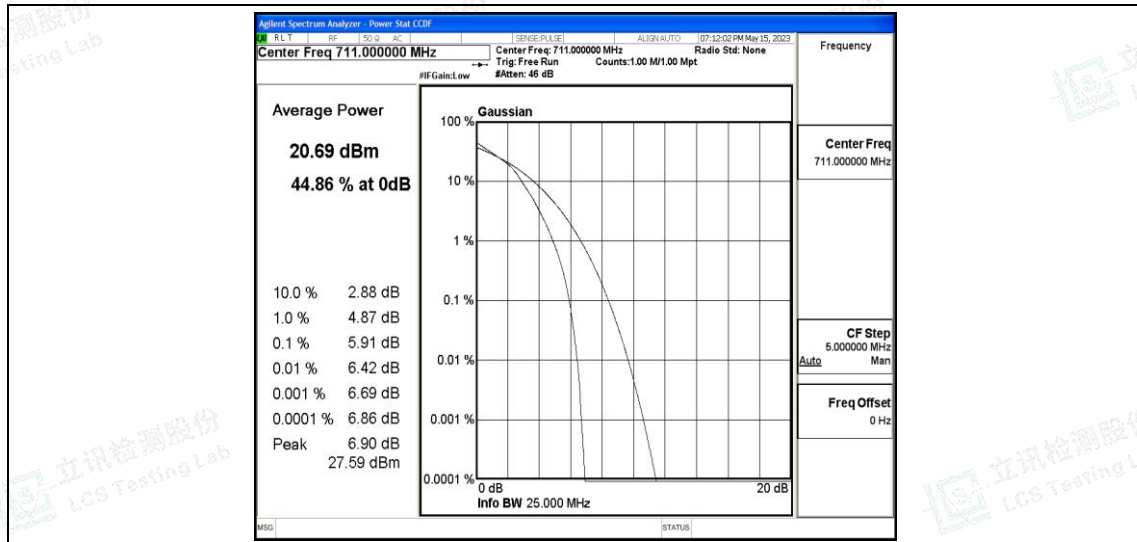


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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0895	1.278	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0953	1.278	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0852	1.295	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0996	1.310	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0907	1.277	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0887	1.267	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6859	2.880	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6884	2.917	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6906	2.905	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6806	2.914	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6855	2.897	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6804	2.892	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5207	5.186	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5112	5.172	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5229	5.179	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5098	5.117	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5257	5.182	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5397	5.143	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0120	10.22	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9945	10.07	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9913	10.01	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0049	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9917	10.14	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9986	10.06	PASS



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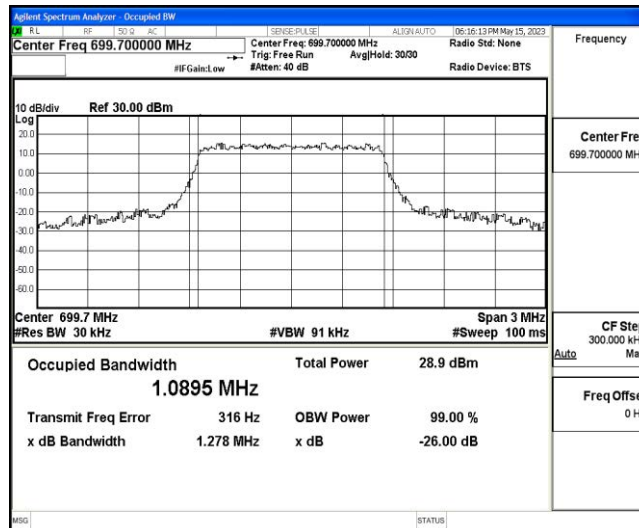
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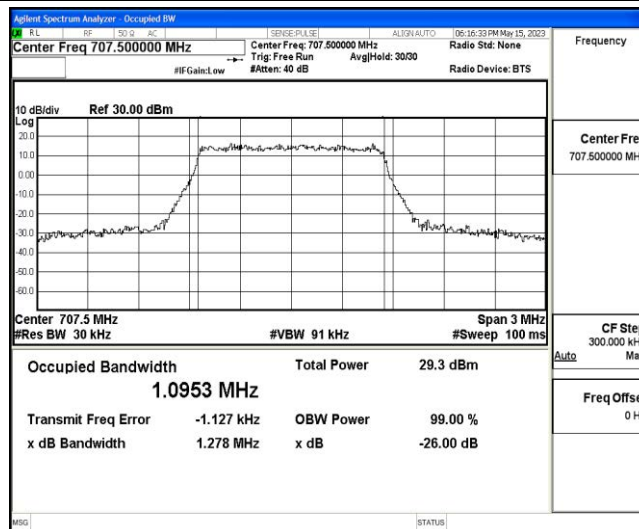


Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-6RB#0

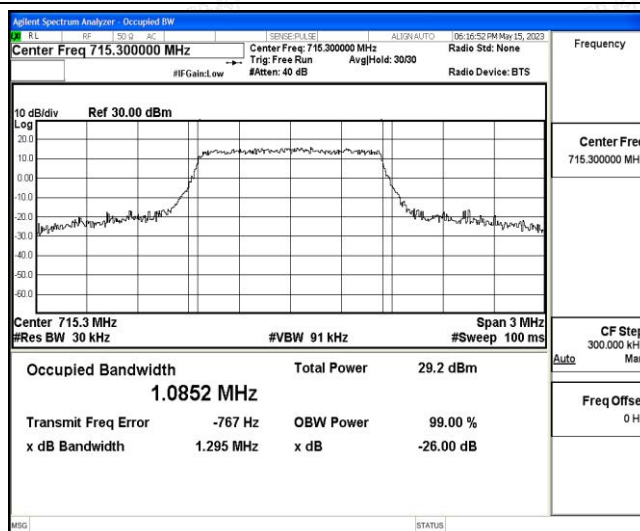


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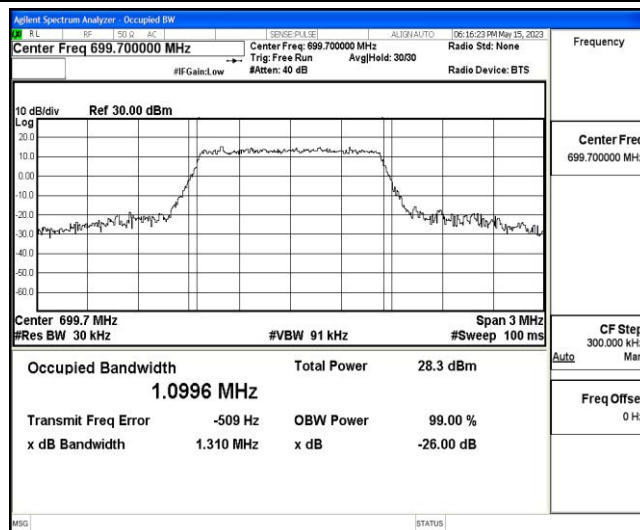
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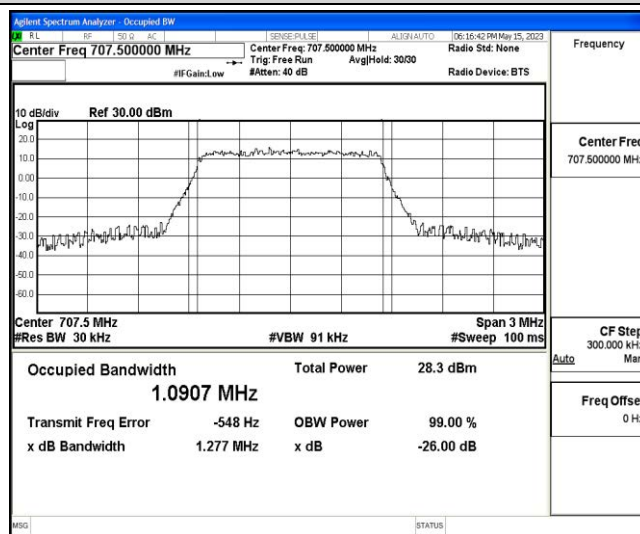
Scan code to check authenticity



Band12-1.4MHz-16QAM-23017-6RB#0

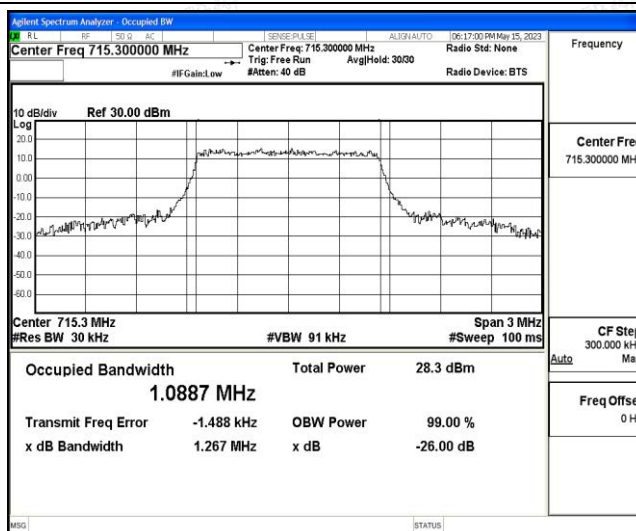


Band12-1.4MHz-16QAM-23095-6RB#0

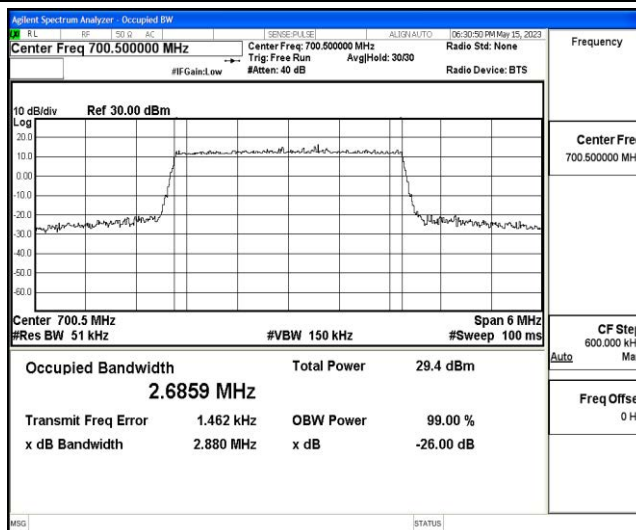


Band12-1.4MHz-16QAM-23173-6RB#0

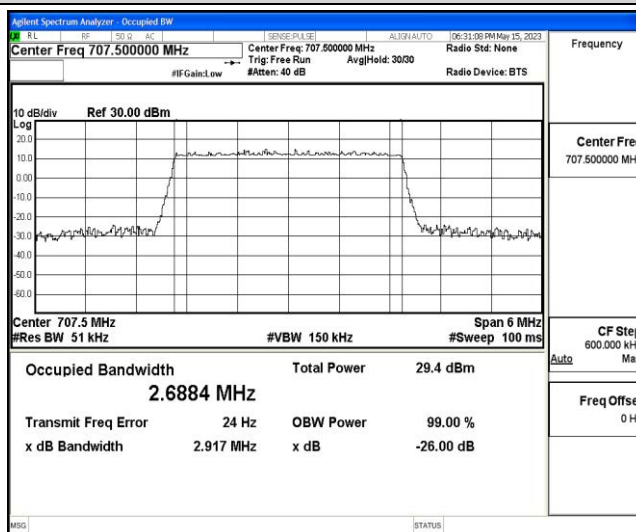




Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0



Band12-3MHz-QPSK-23165-15RB#0

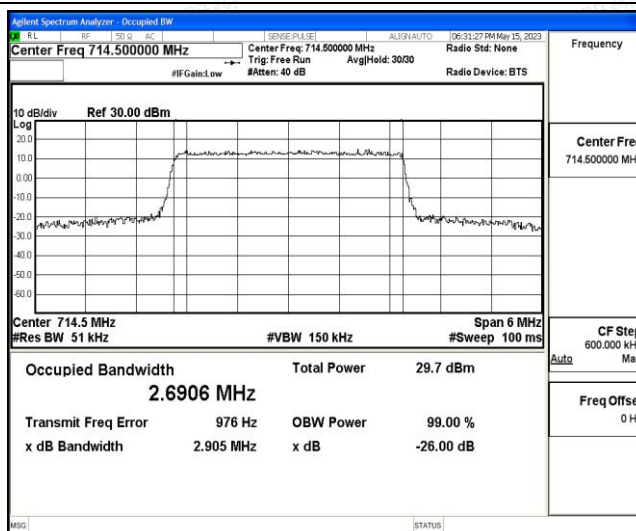


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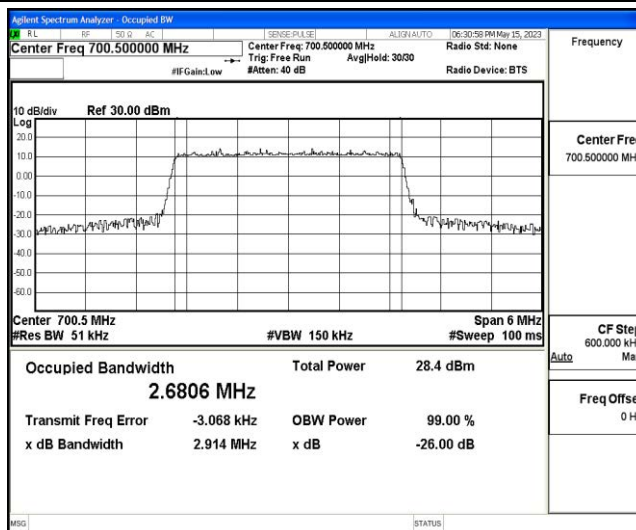
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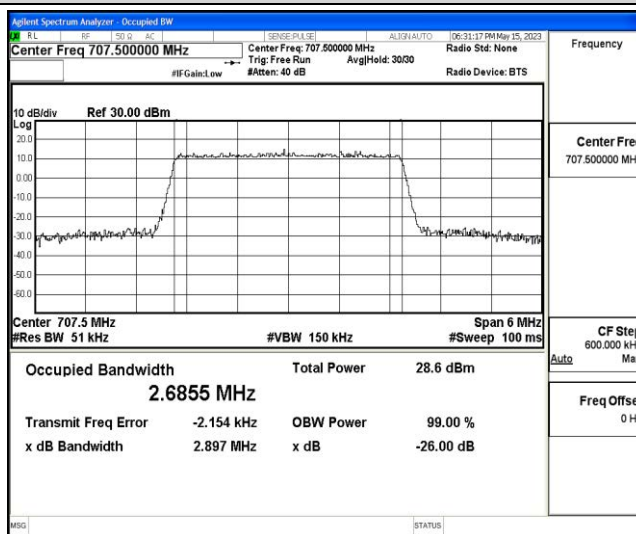
Scan code to check authenticity



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-15RB#0

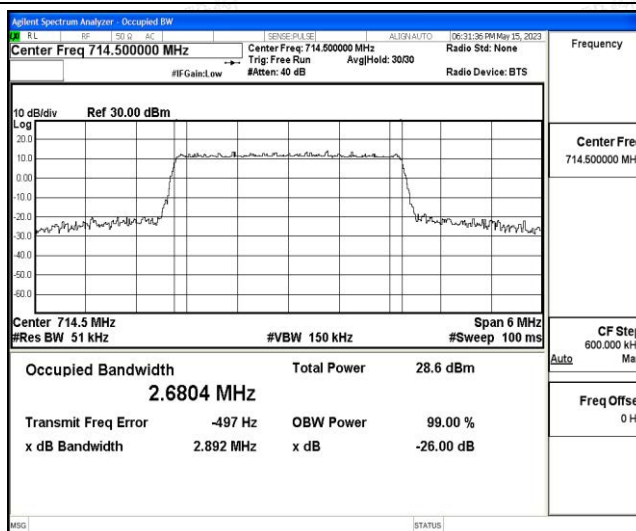


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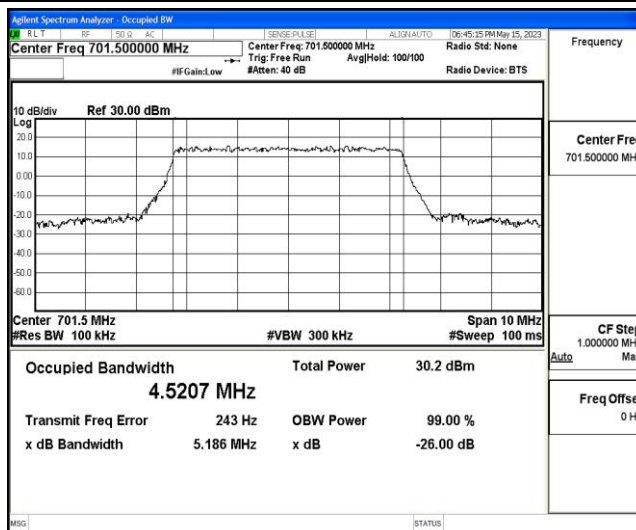
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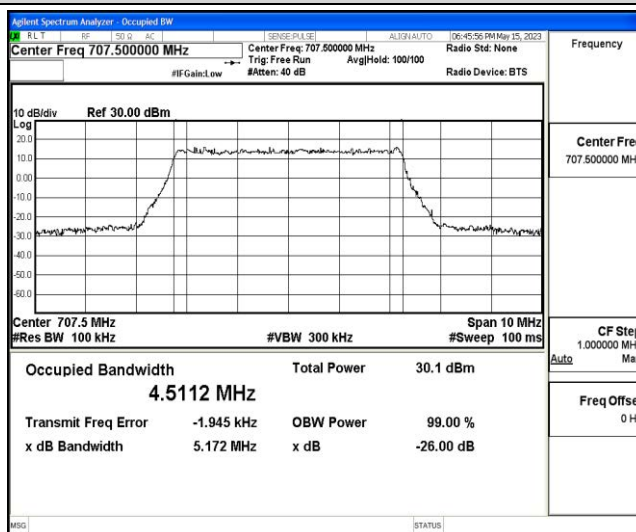
Scan code to check authenticity



Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-25RB#0

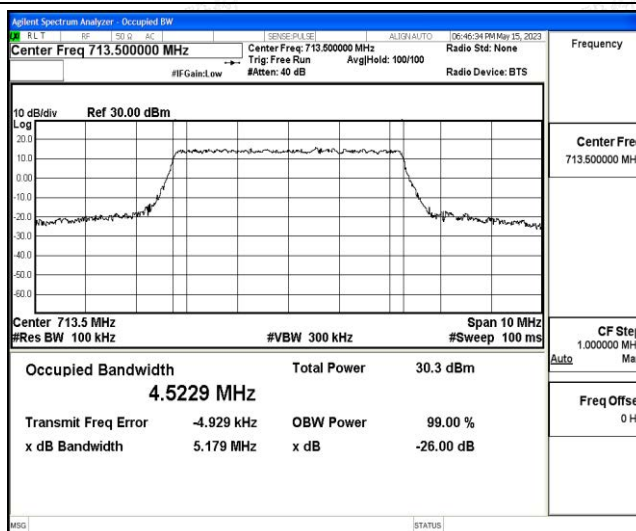


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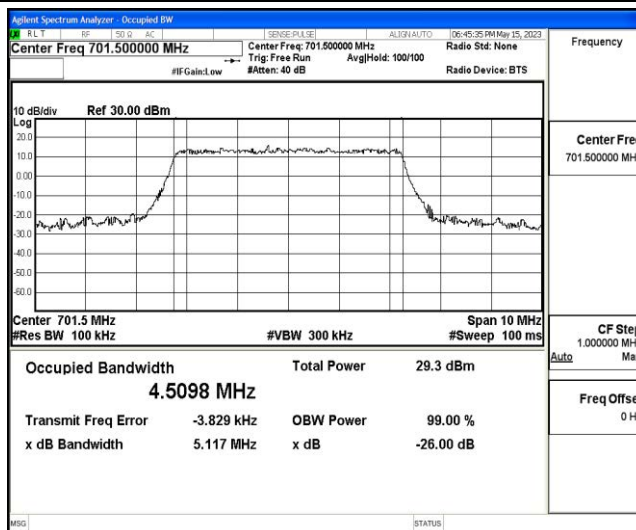
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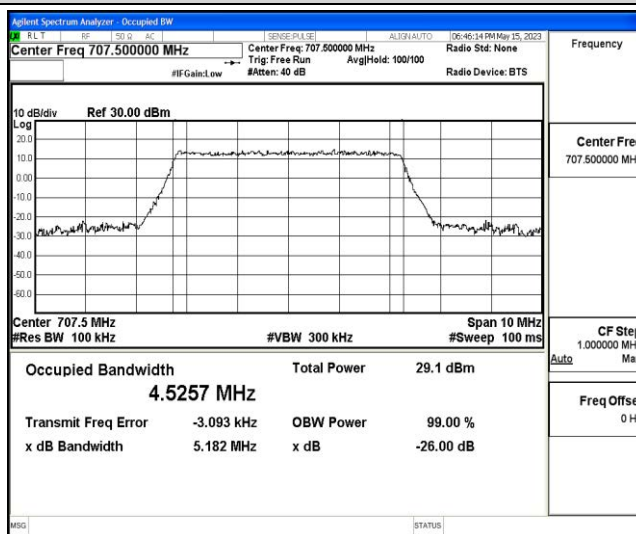
Scan code to check authenticity



Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-25RB#0

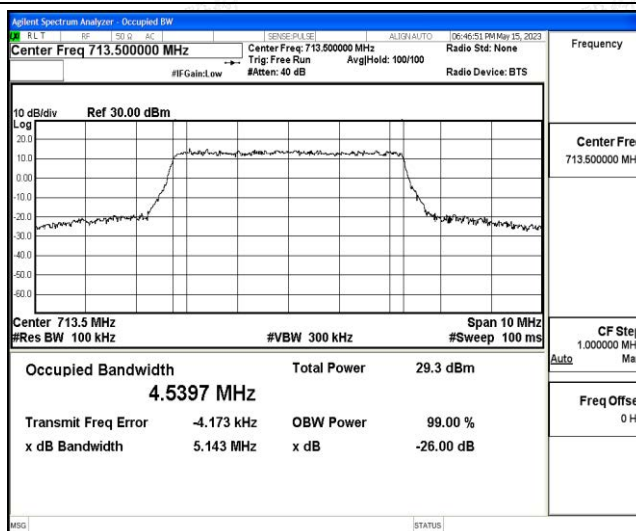


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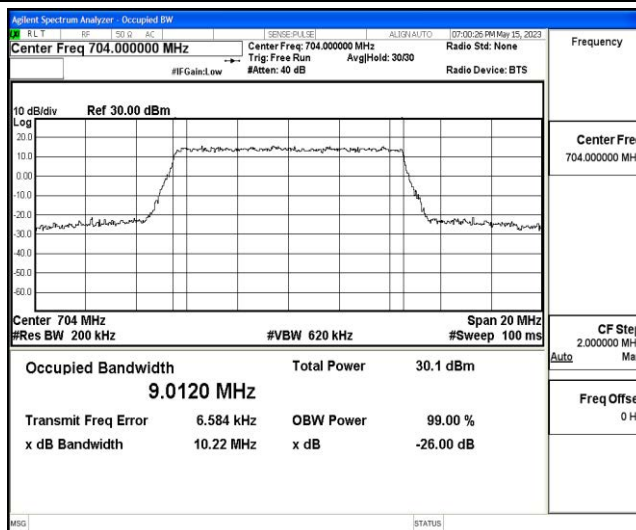
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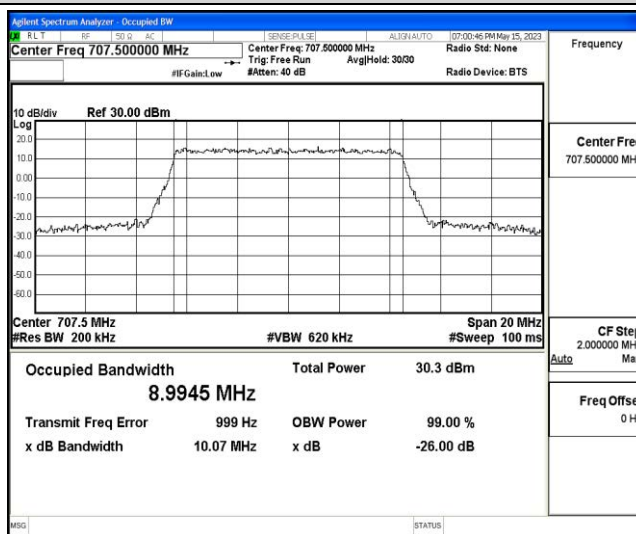
Scan code to check authenticity



Band12-10MHz-QPSK-23060-50RB#0

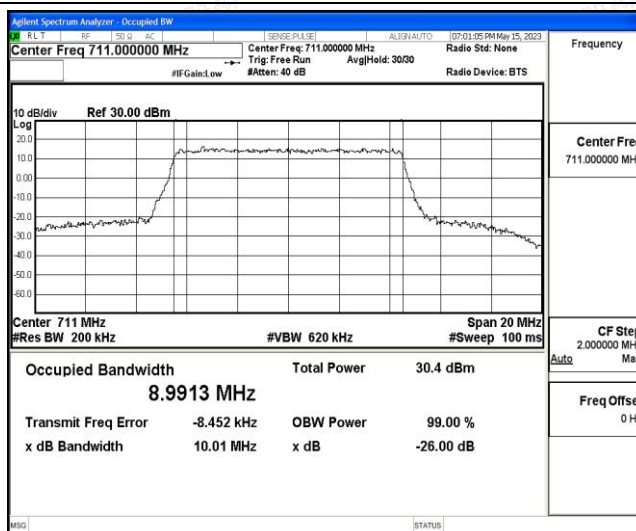


Band12-10MHz-QPSK-23095-50RB#0

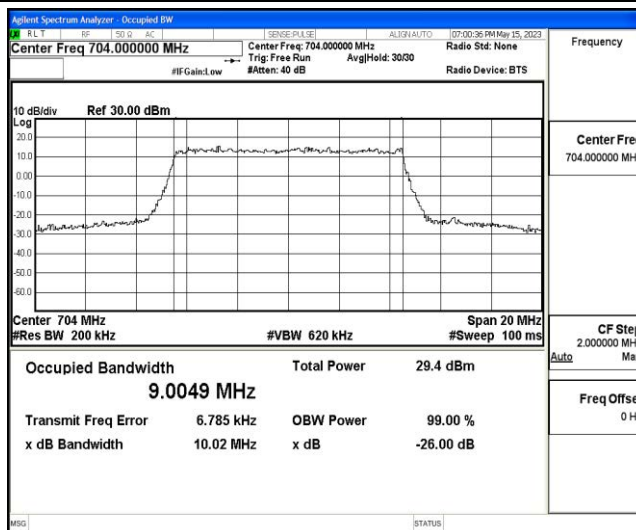


Band12-10MHz-QPSK-23130-50RB#0

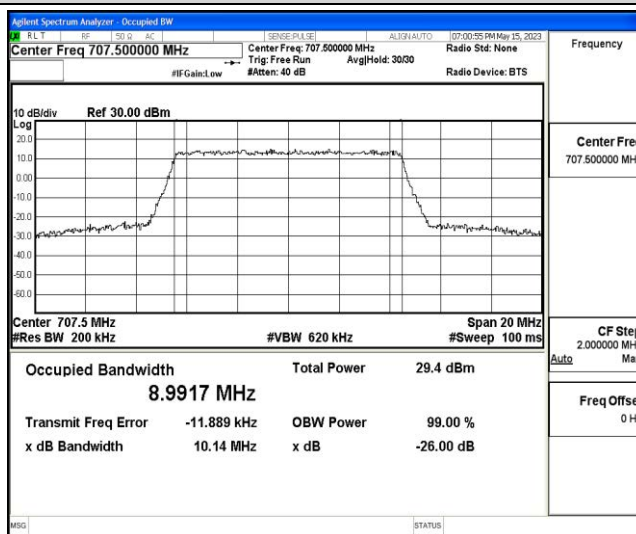




Band12-10MHz-16QAM-23060-50RB#0

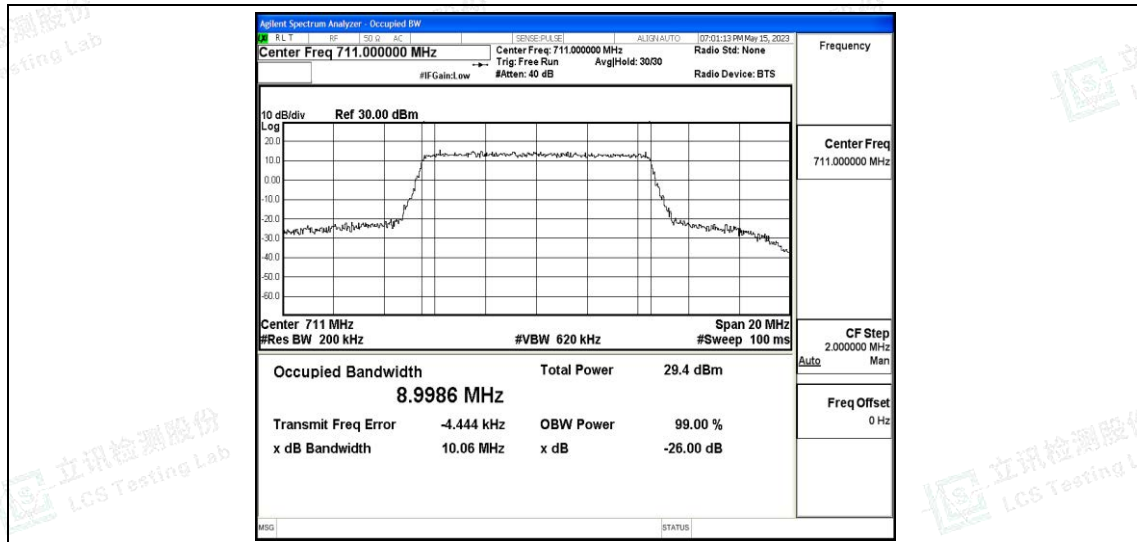


Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0





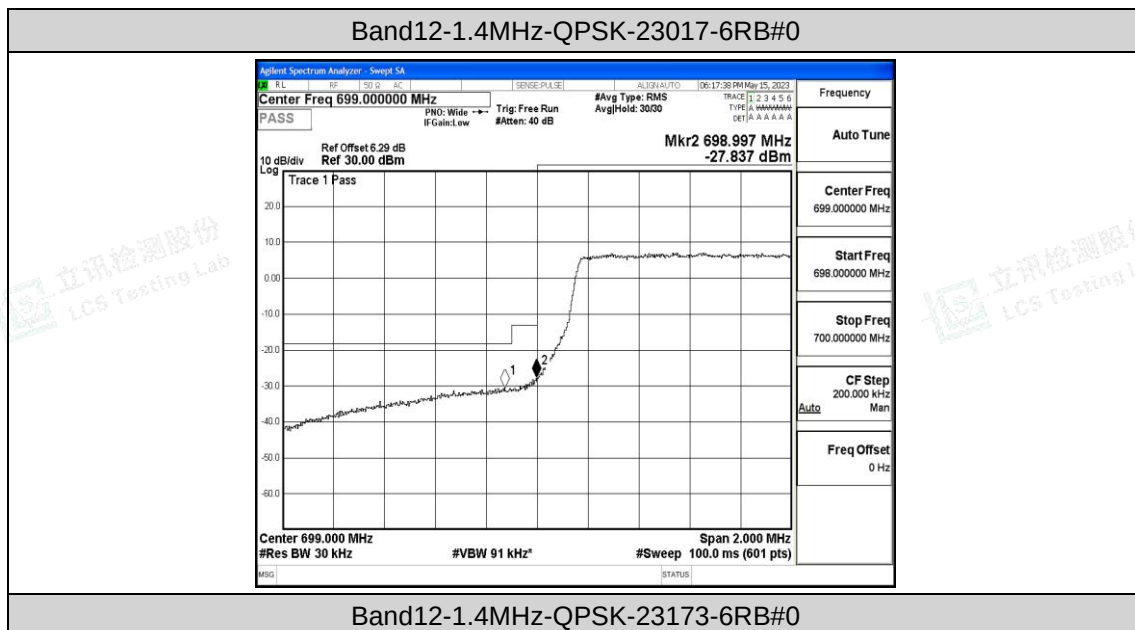


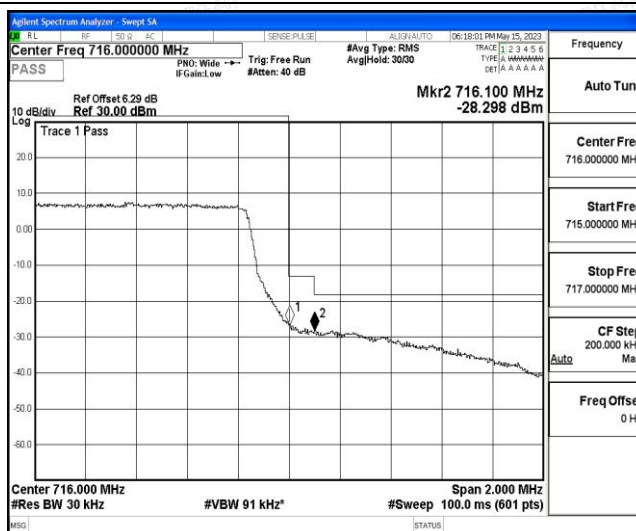
G.4 Band Edge

Test Result

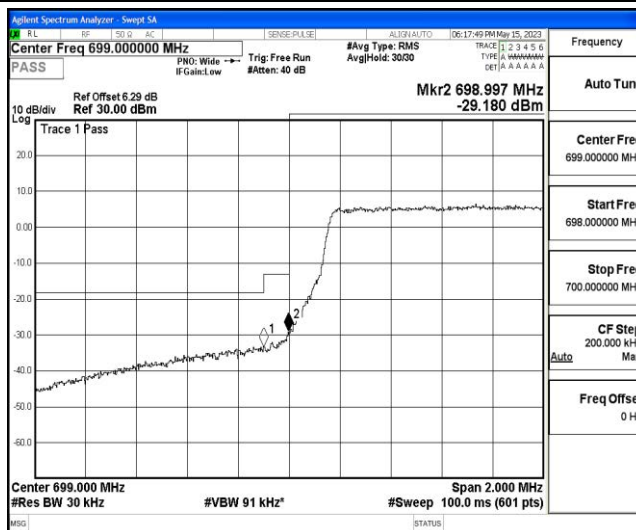
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-30.56,-27.84	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-26.61,-28.30	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-33.22,-29.18	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-27.83,-30.87	PASS
Band12	3MHz	QPSK	23025	15RB#0	-32.94,-29.74	PASS
Band12	3MHz	QPSK	23165	15RB#0	-28.35,-30.27	PASS
Band12	3MHz	16QAM	23025	15RB#0	-34.64,-31.87	PASS
Band12	3MHz	16QAM	23165	15RB#0	-30.15,-32.42	PASS
Band12	5MHz	QPSK	23035	25RB#0	-23.58	PASS
Band12	5MHz	QPSK	23155	25RB#0	-23.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	-25.12	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.87	PASS
Band12	10MHz	QPSK	23060	50RB#0	-29.83,-27.96	PASS
Band12	10MHz	QPSK	23130	50RB#0	-27.90,-29.94	PASS
Band12	10MHz	16QAM	23060	50RB#0	-31.33,-28.94	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.46,-31.21	PASS

Test Graphs

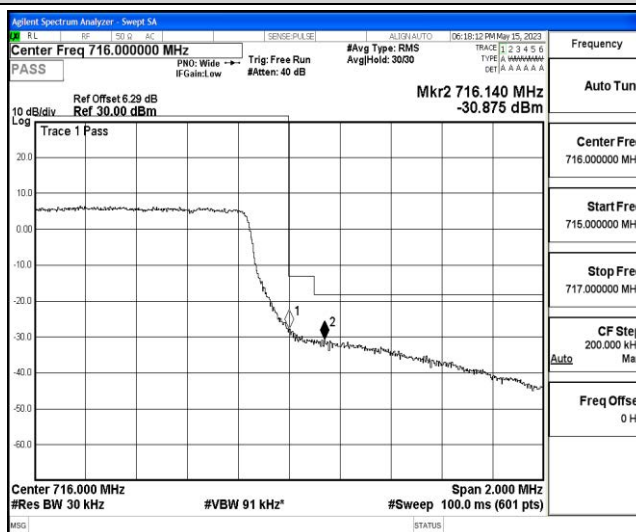




Band12-1.4MHz-16QAM-23017-6RB#0

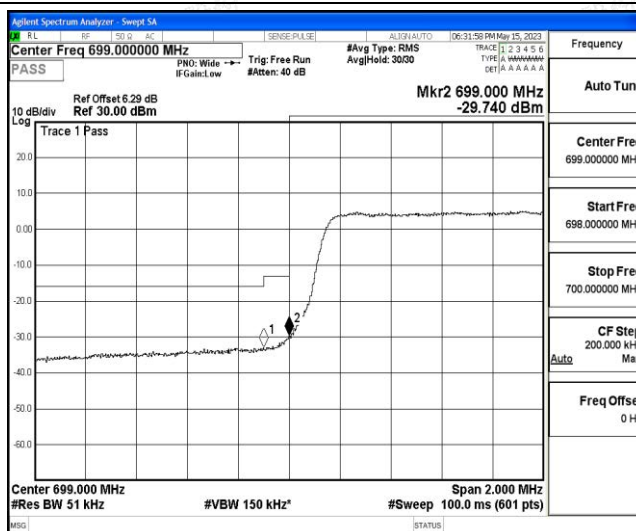


Band12-1.4MHz-16QAM-23173-6RB#0

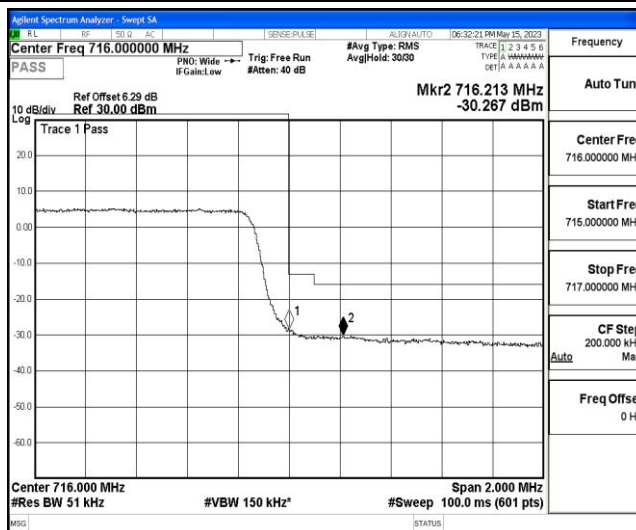


Band12-3MHz-QPSK-23025-15RB#0

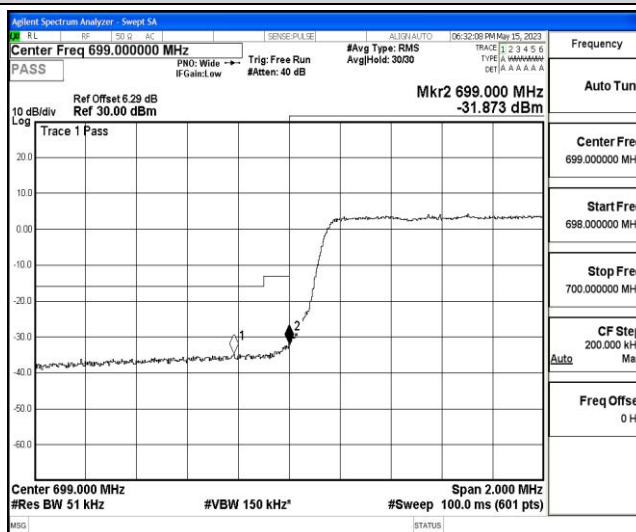




Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23165-15RB#0

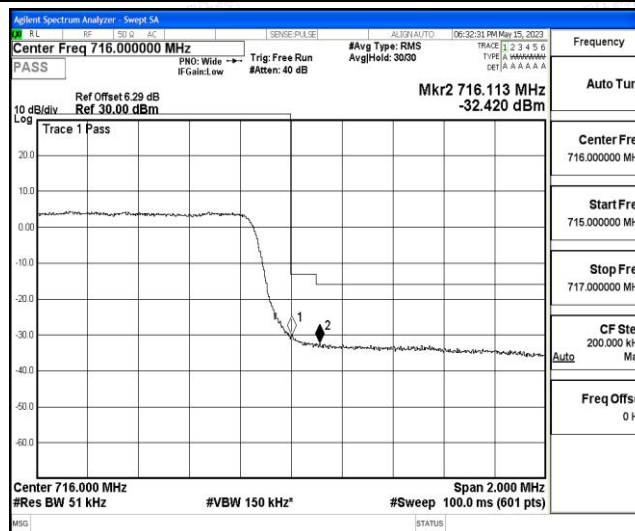


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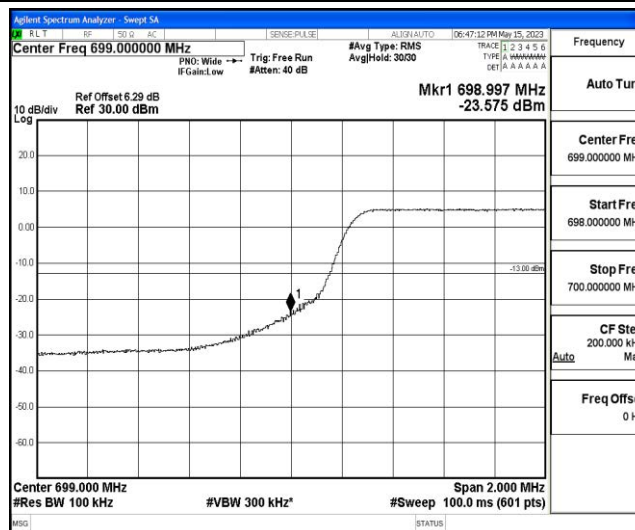
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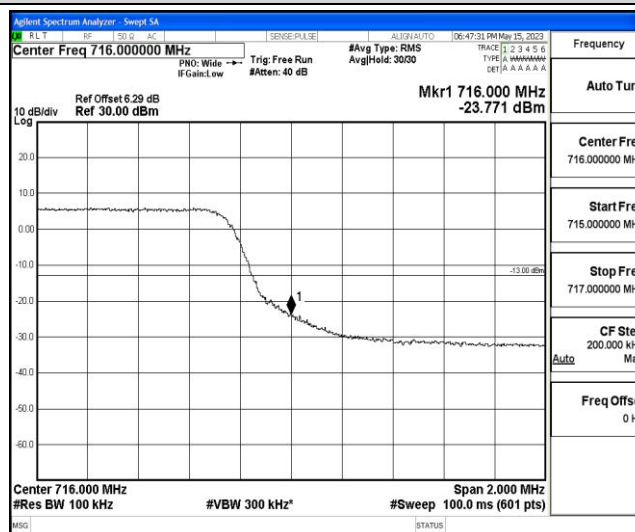
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Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-25RB#0

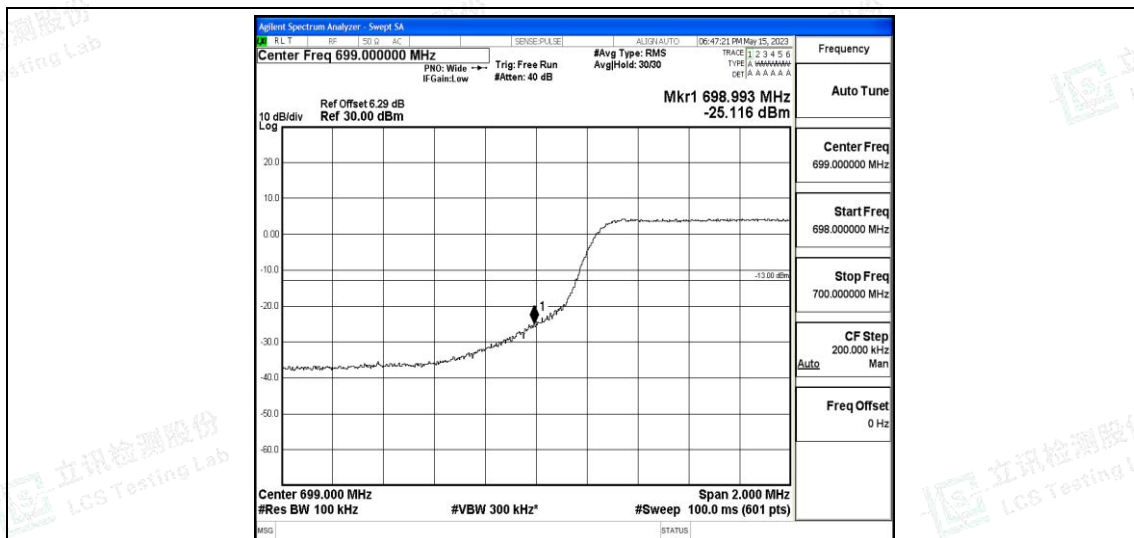


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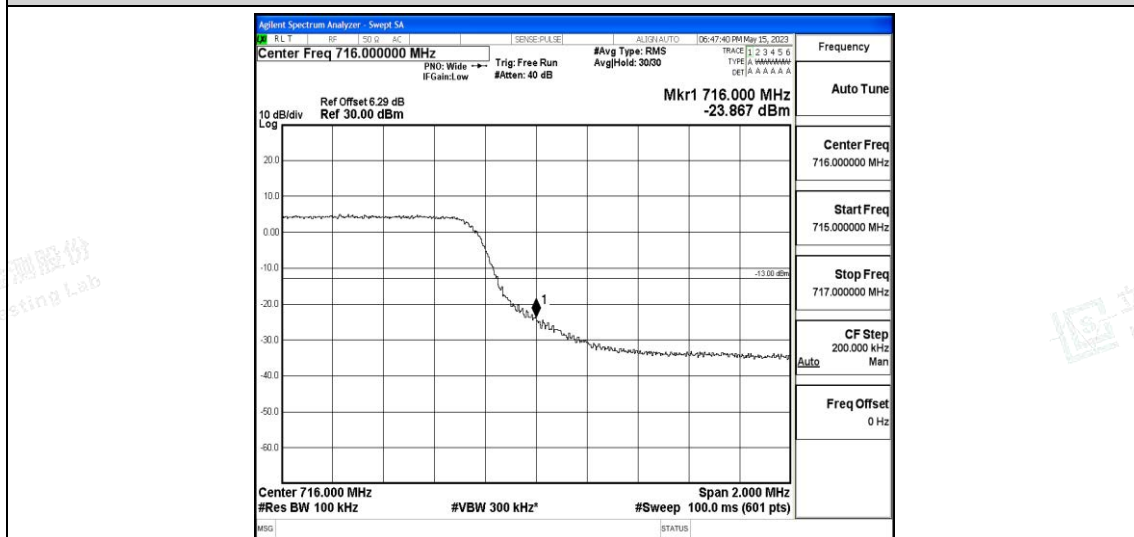
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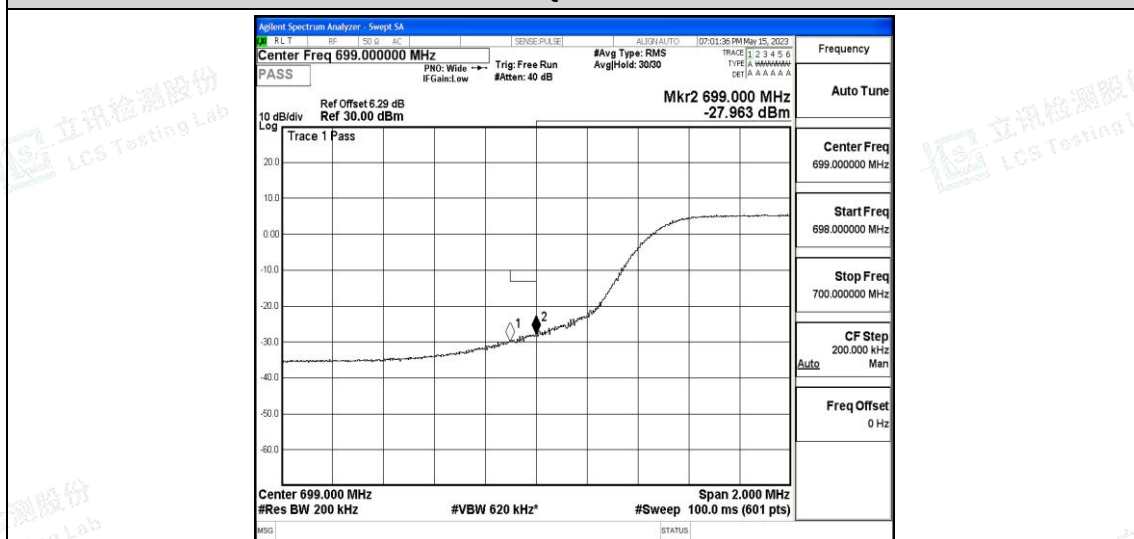
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Band12-5MHz-16QAM-23155-25RB#0

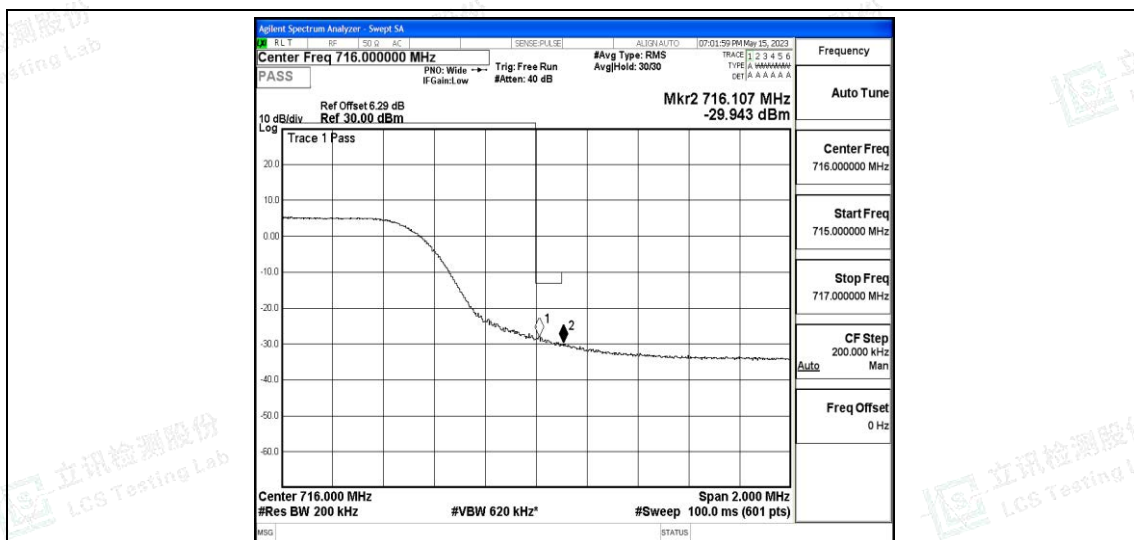


Band12-10MHz-QPSK-23060-50RB#0

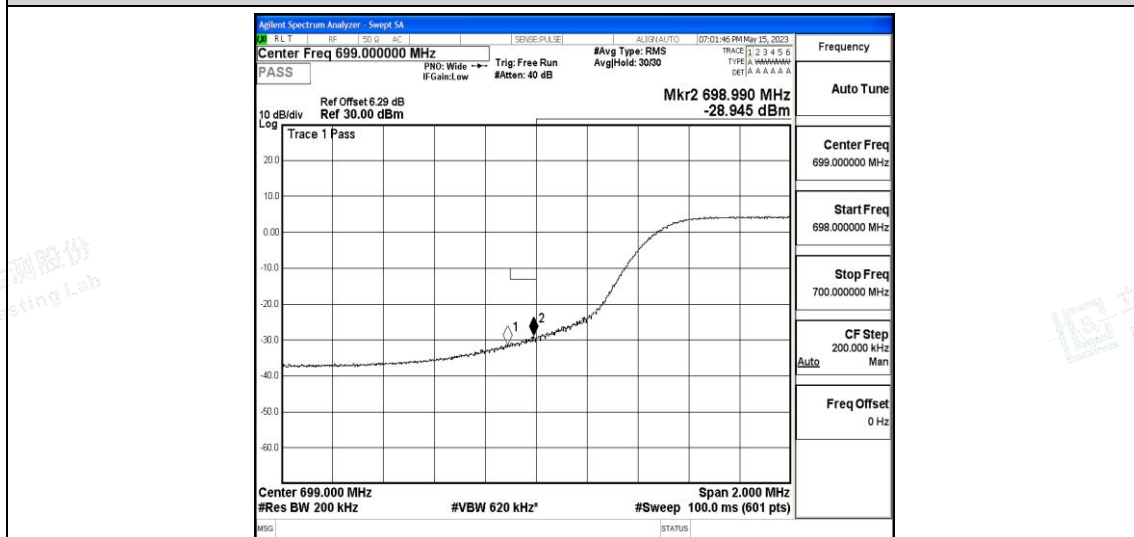


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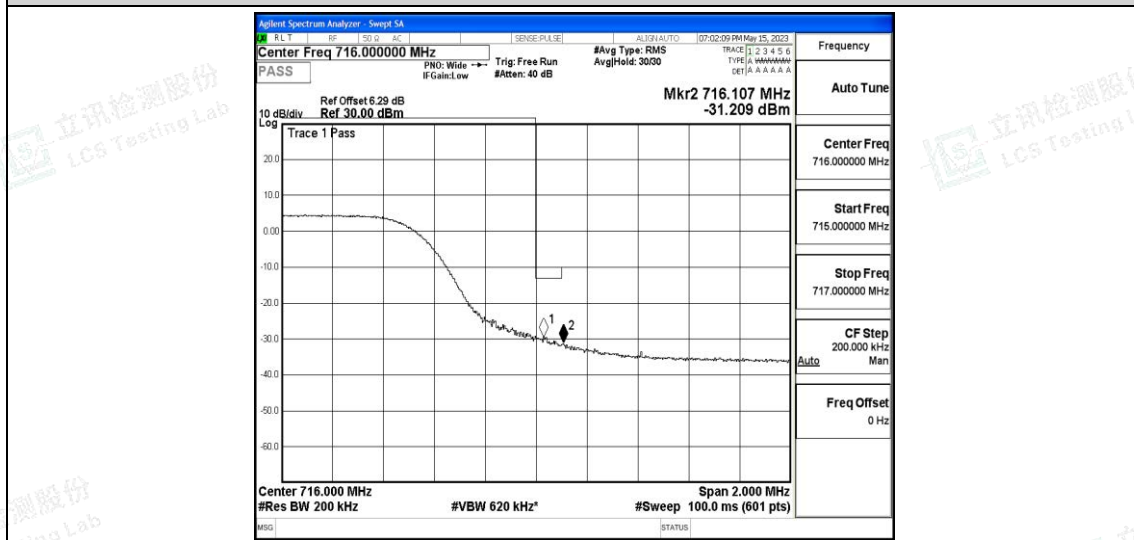




Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-50RB#0





G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-54.12	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-52.75	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-40.88	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-44.78	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-53.96	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.7	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-54.69	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.52	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-44.7	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-54.68	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-51.17	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-40.94	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.6	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.27	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.73	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-55.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-49.67	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-40.78	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-54.72	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-51.56	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.88	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.15	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.94	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-39.24	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-54.59	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-49.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.64	PASS



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Scan code to check authenticity



Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-55.12	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-51.81	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.84	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.34	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.61	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.5	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-55.35	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-51.15	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-39.19	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-56.07	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-52.1	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-40.28	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.13	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-52.66	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.76	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-55.94	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-51.04	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-40.51	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-55.24	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-51.99	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-40.06	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.18	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.27	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.04	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-55	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-51.31	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-55.96	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-51.97	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-40.06	PASS



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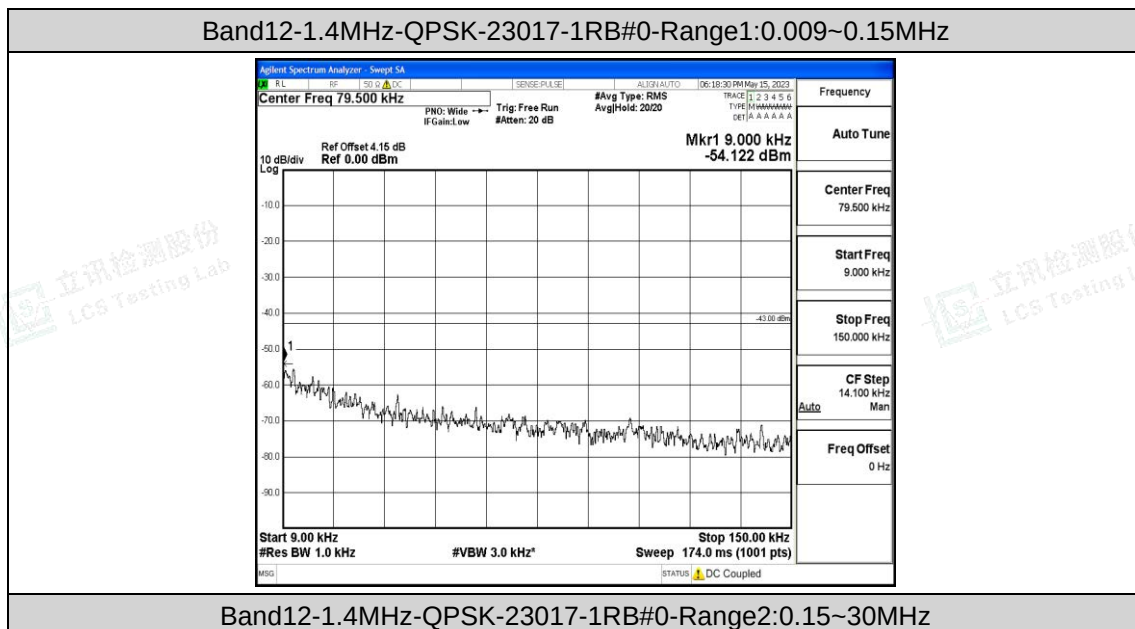
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

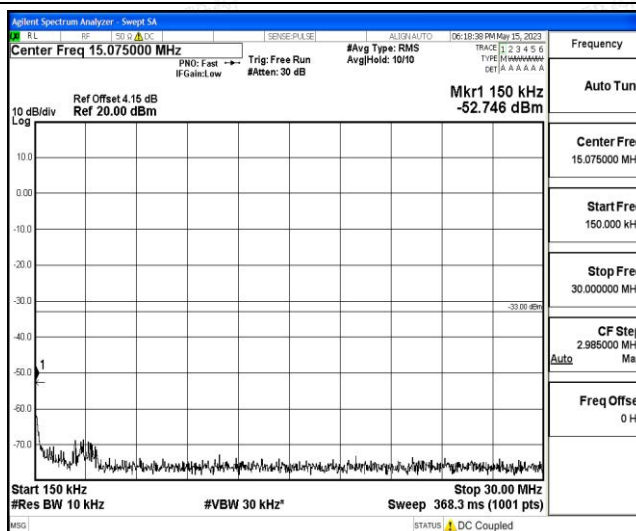
Scan code to check authenticity



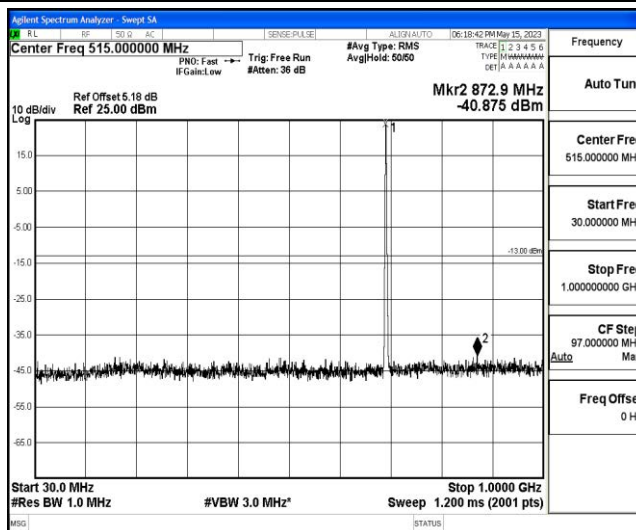
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.98	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.7	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.08	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-56.69	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-52.08	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-39.96	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-54.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.22	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-40.7	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-52.65	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.78	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.95	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.75	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-55.68	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-41.4	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.91	PASS

Test Graphs

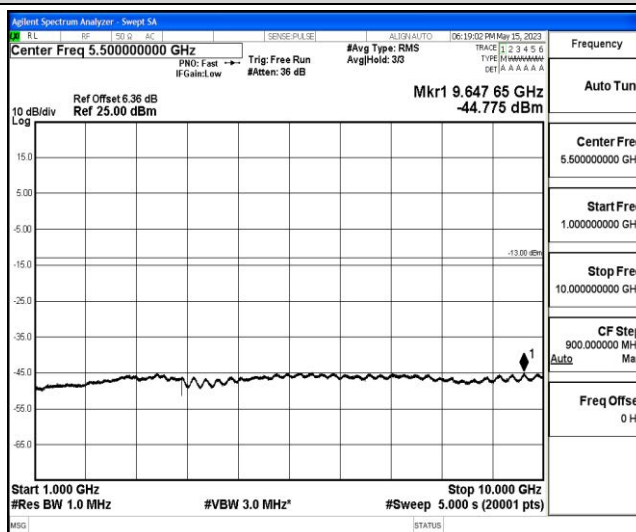




Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz

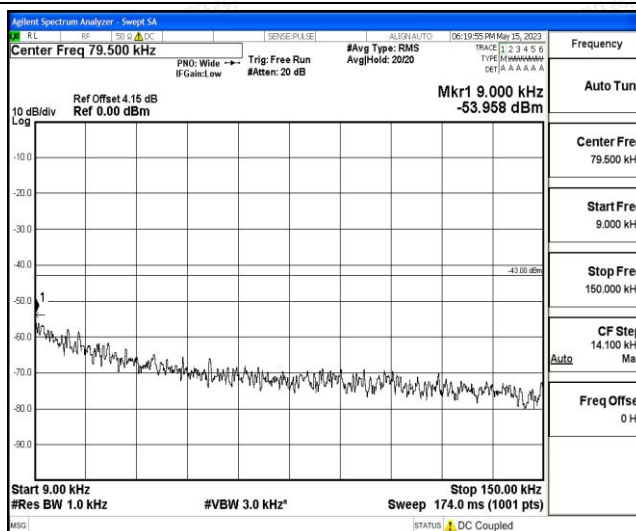


Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

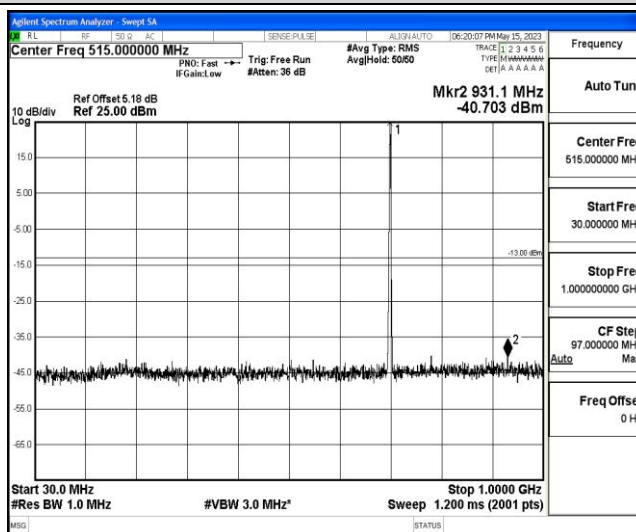




Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

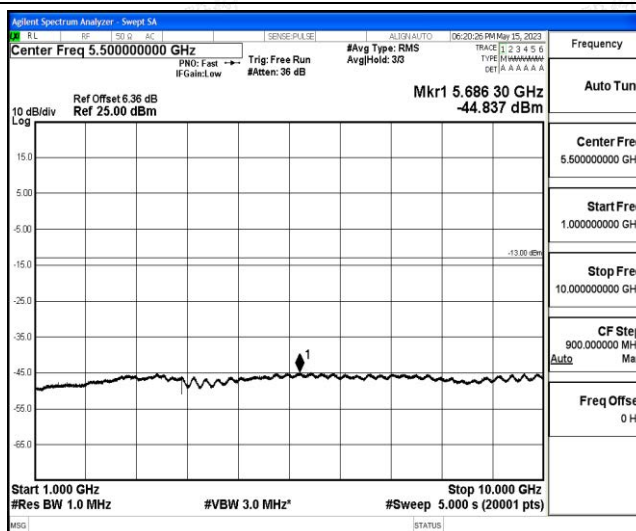


Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz

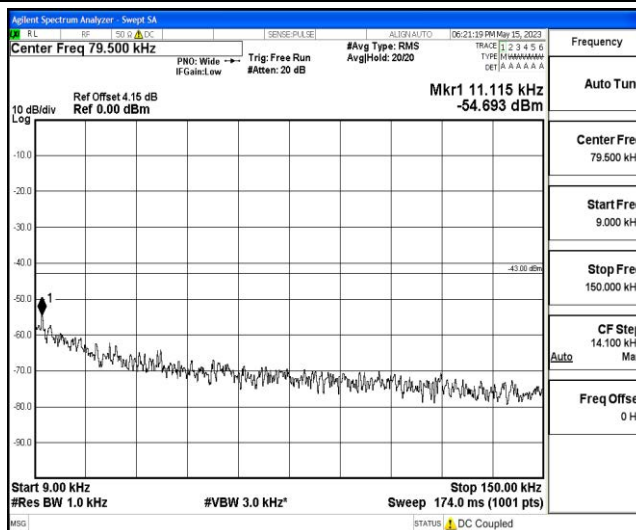


Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

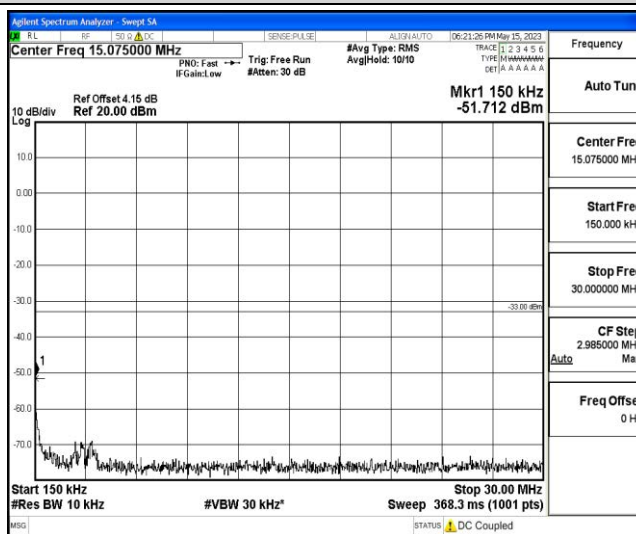




Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz

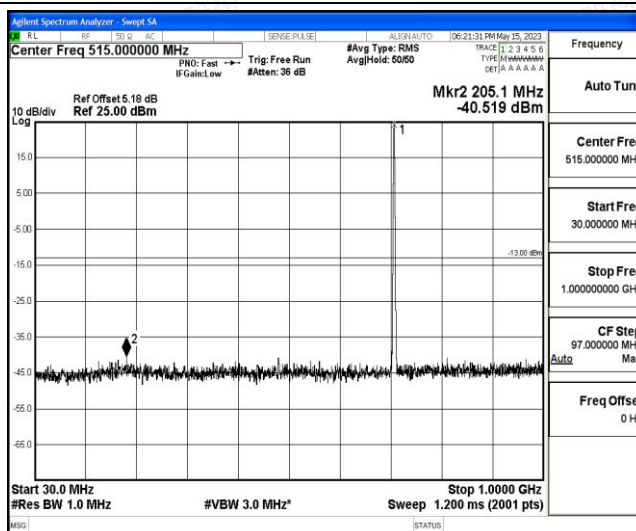


Band12-1.4MHz-QPSK-23173-1RB#0-Range2:0.15~30MHz

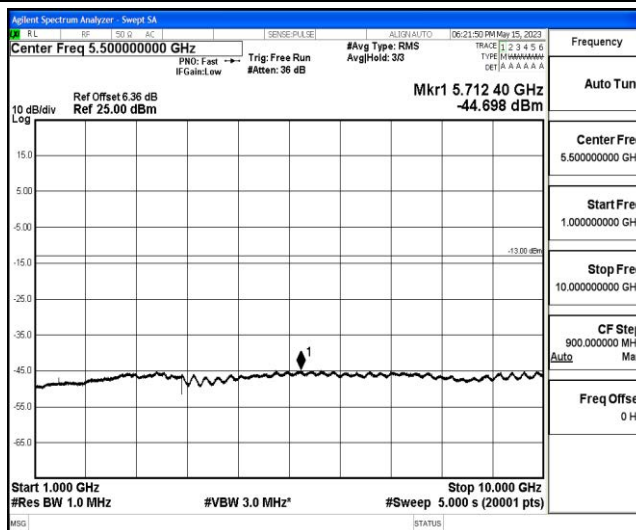


Band12-1.4MHz-QPSK-23173-1RB#0-Range3:30~1000MHz

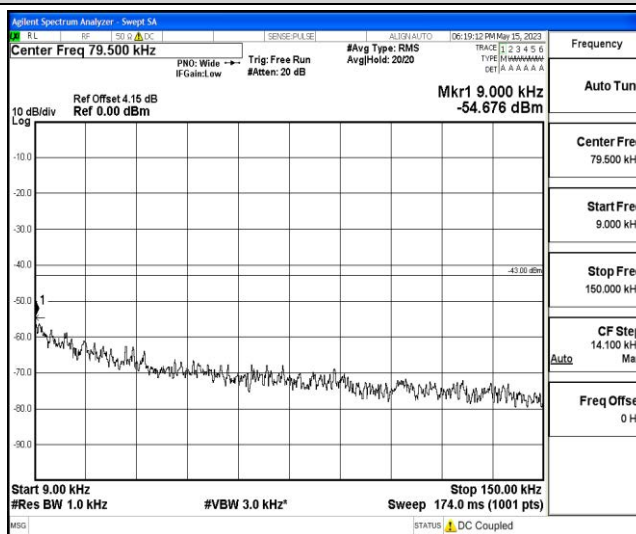




Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz

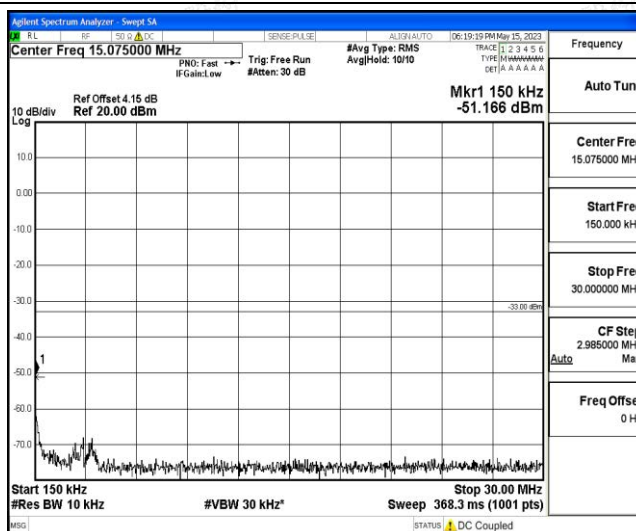


Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz

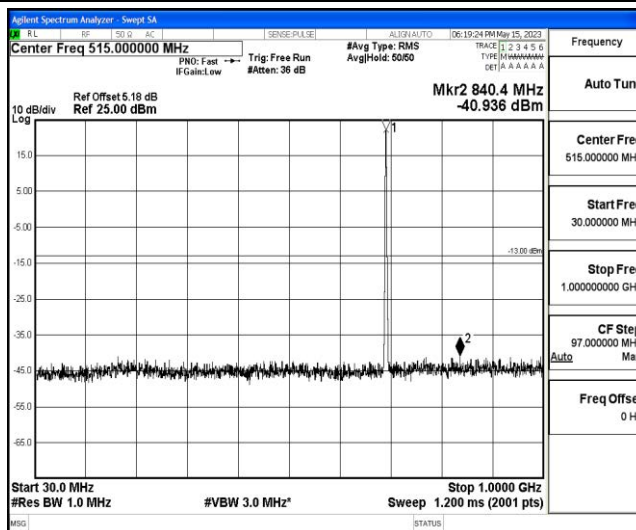


Band12-1.4MHz-16QAM-23017-1RB#0-Range2:0.15~30MHz

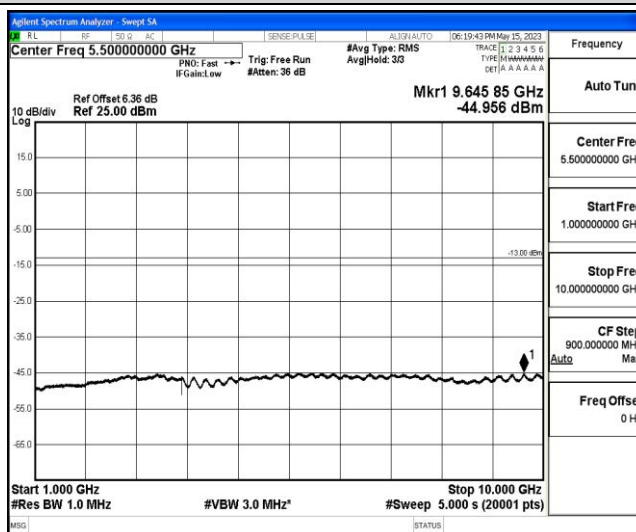




Band12-1.4MHz-16QAM-23017-1RB#0-Range3:30~1000MHz

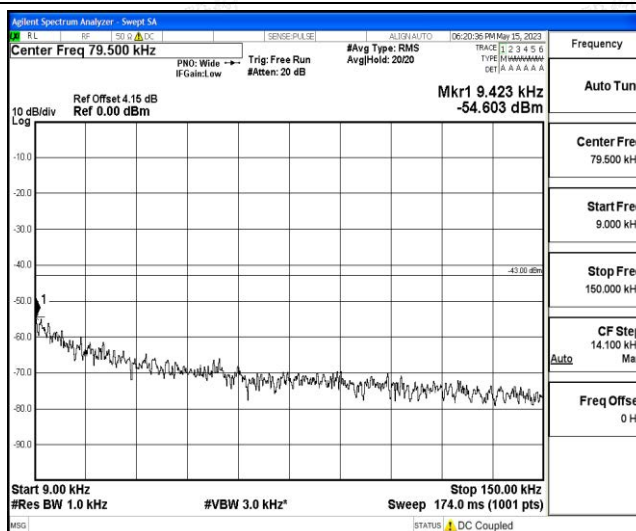


Band12-1.4MHz-16QAM-23017-1RB#0-Range4:1000~10000MHz

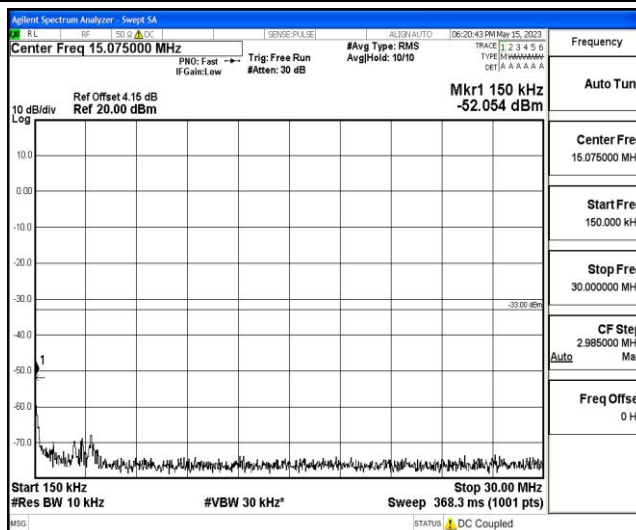


Band12-1.4MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

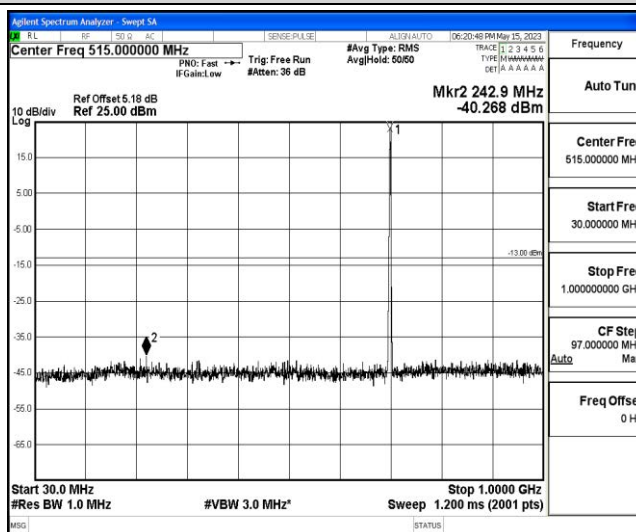




Band12-1.4MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz

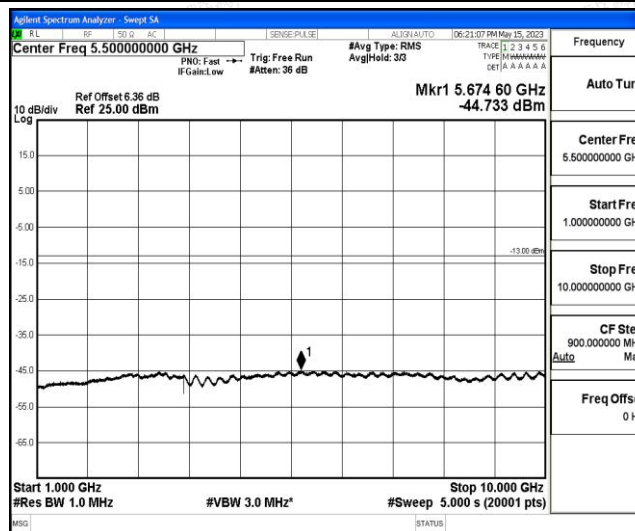


Band12-1.4MHz-16QAM-23095-1RB#0-Range3:30~1000MHz

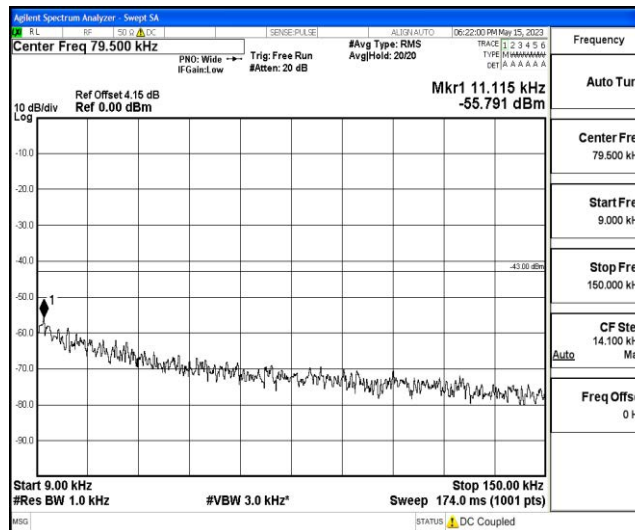


Band12-1.4MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz

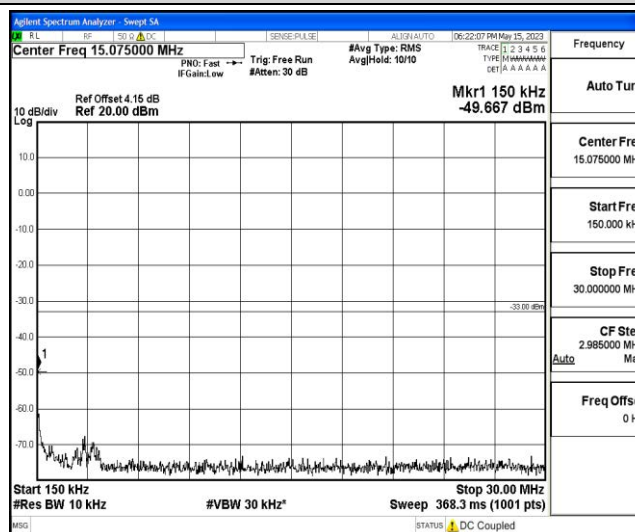




Band12-1.4MHz-16QAM-23173-1RB#0-Range1:0.009~0.15MHz

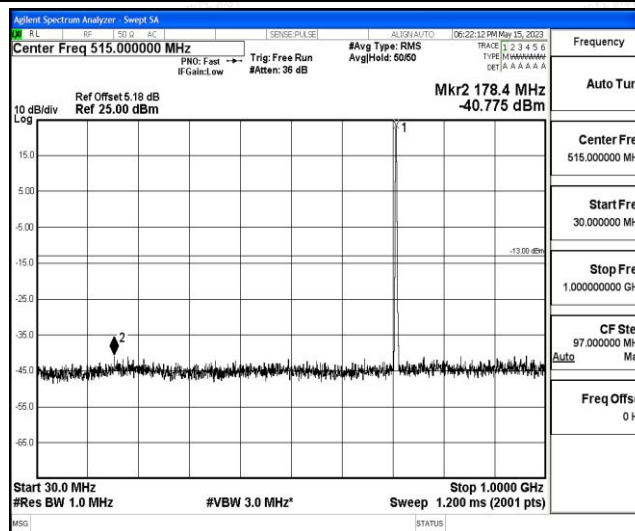


Band12-1.4MHz-16QAM-23173-1RB#0-Range2:0.15~30MHz

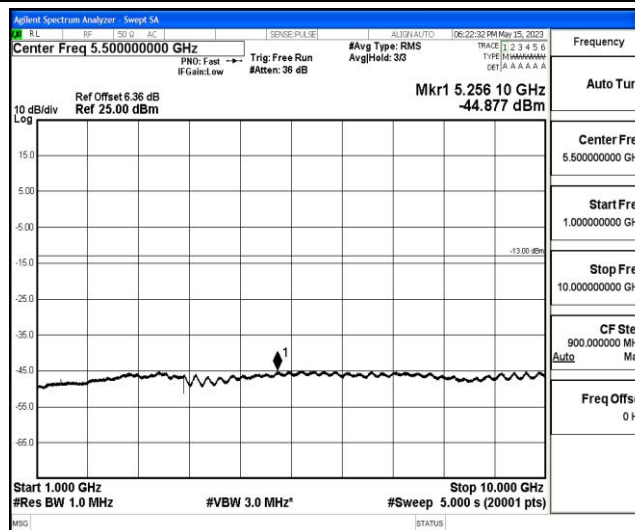


Band12-1.4MHz-16QAM-23173-1RB#0-Range3:30~1000MHz

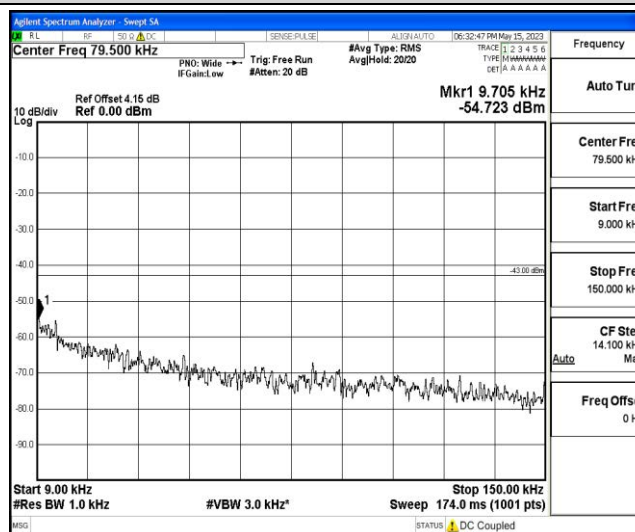




Band12-1.4MHz-16QAM-23173-1RB#0-Range4:1000~10000MHz

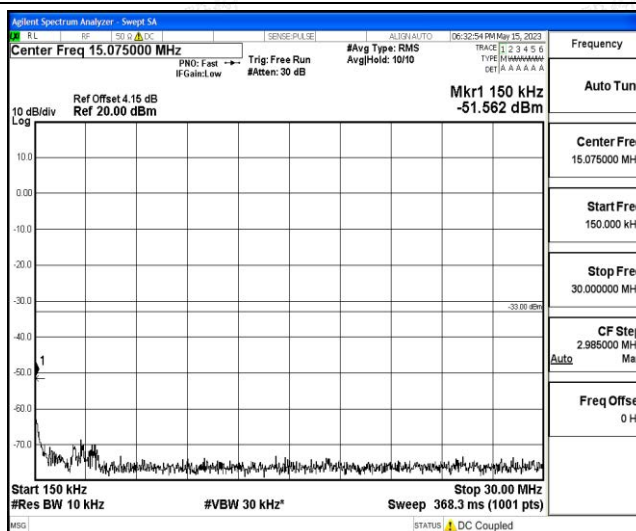


Band12-3MHz-QPSK-23025-1RB#0-Range1:0.009~0.15MHz

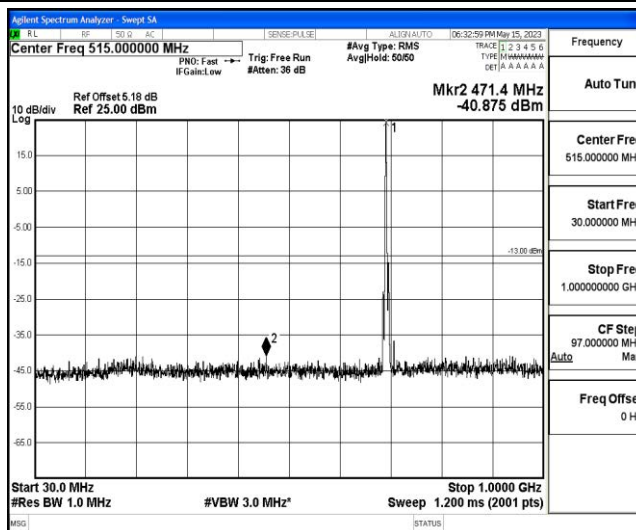


Band12-3MHz-QPSK-23025-1RB#0-Range2:0.15~30MHz

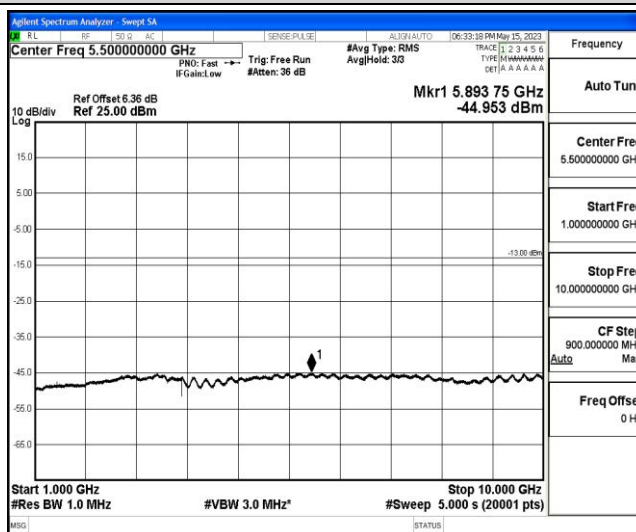




Band12-3MHz-QPSK-23025-1RB#0-Range3:30~1000MHz

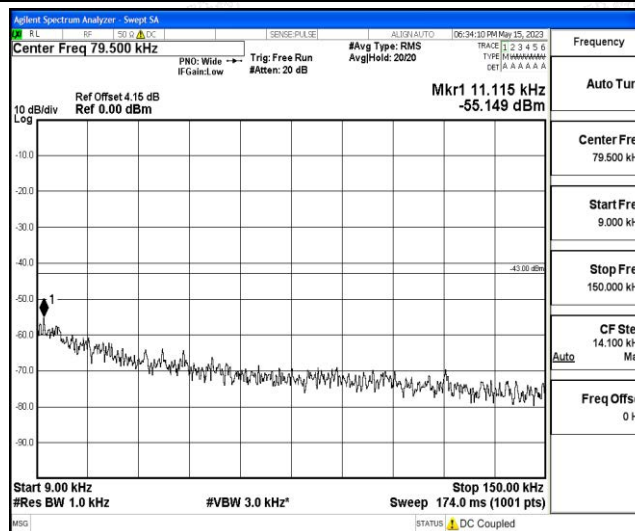


Band12-3MHz-QPSK-23025-1RB#0-Range4:1000~10000MHz

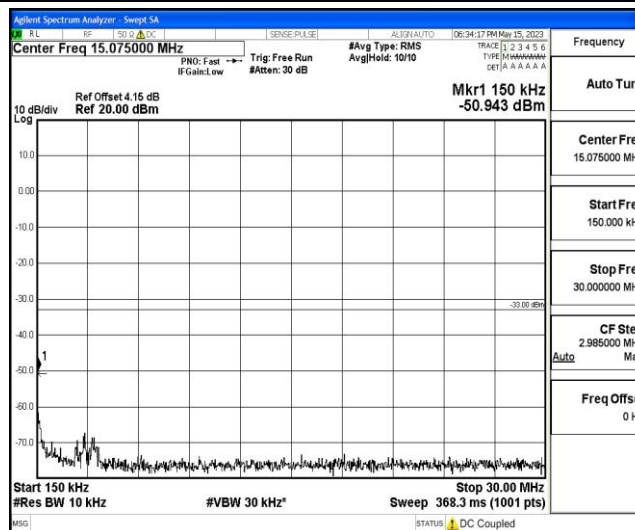


Band12-3MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

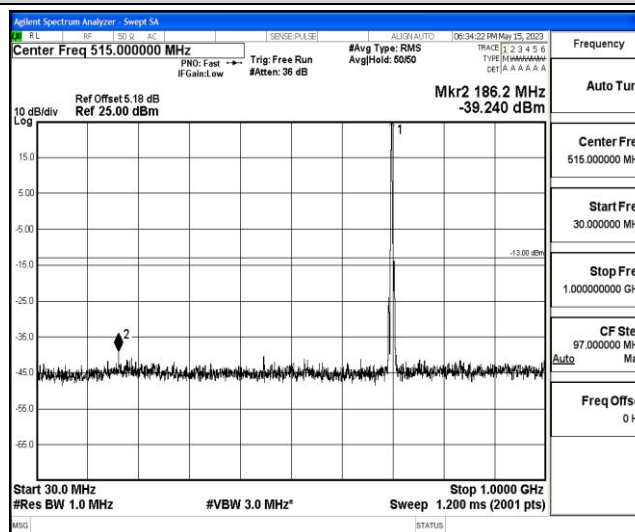




Band12-3MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

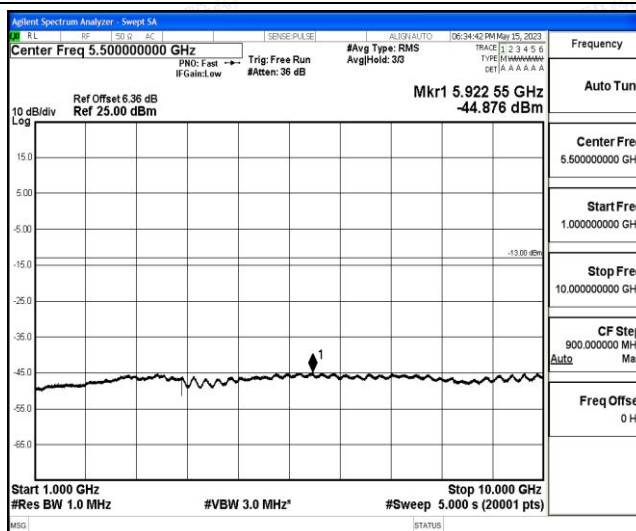


Band12-3MHz-QPSK-23095-1RB#0-Range3:30~1000MHz

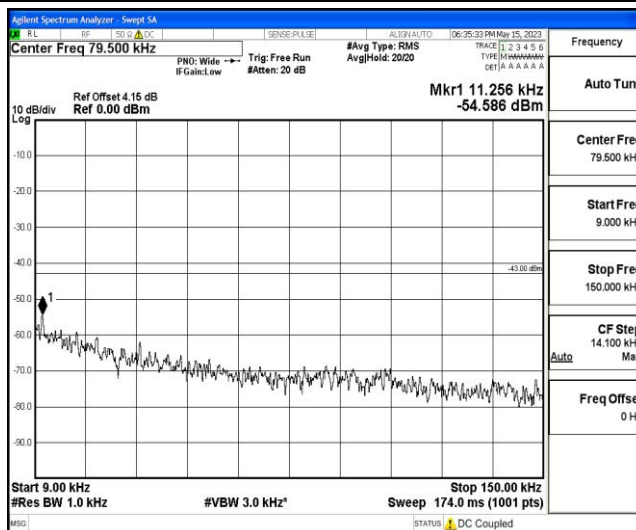


Band12-3MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

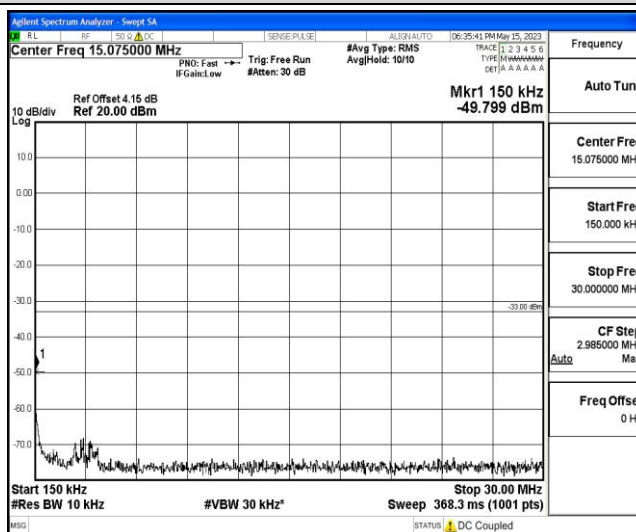




Band12-3MHz-QPSK-23165-1RB#0-Range1:0.009~0.15MHz

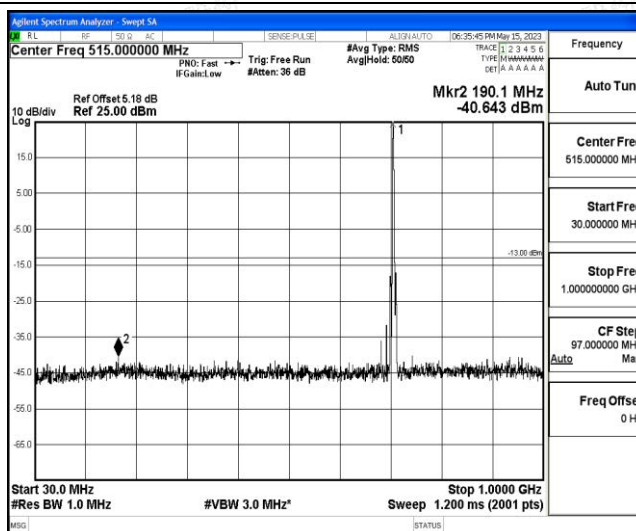


Band12-3MHz-QPSK-23165-1RB#0-Range2:0.15~30MHz

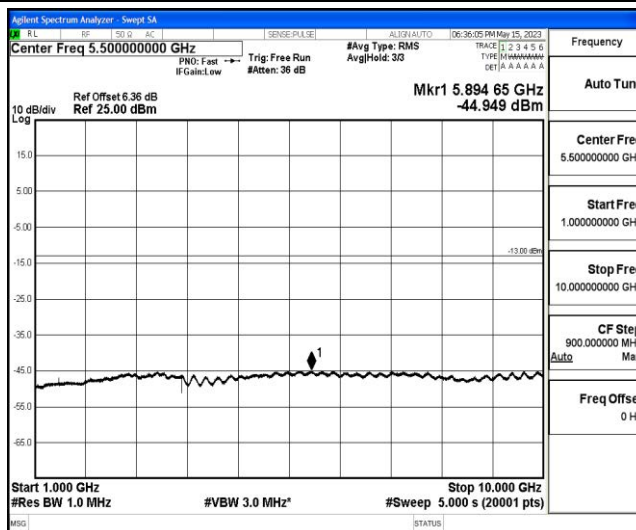


Band12-3MHz-QPSK-23165-1RB#0-Range3:30~1000MHz

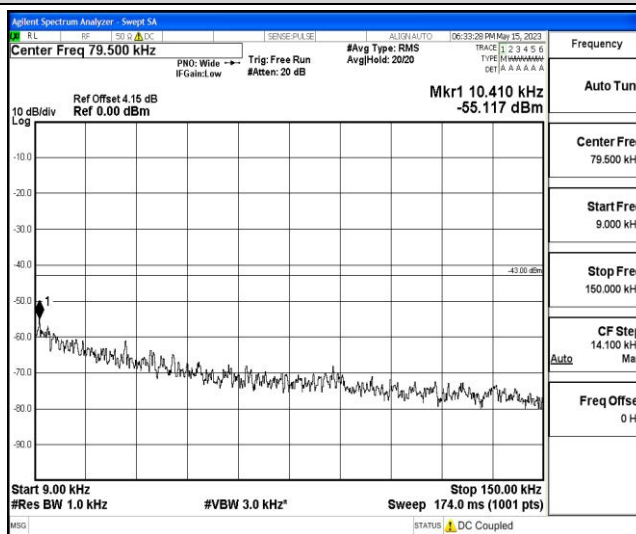




Band12-3MHz-QPSK-23165-1RB#0-Range4:1000~10000MHz



Band12-3MHz-16QAM-23025-1RB#0-Range1:0.009~0.15MHz



Band12-3MHz-16QAM-23025-1RB#0-Range2:0.15~30MHz

