

Appendix Test Data

Report No.:	18220WC30015403	Test Sample No.:	1-2-2
Start Test Date:	2023.2.14	Finish Test Date:	2023.2.20
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.90	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.91	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.99	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.75	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.75	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.67	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.72	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.93	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.15	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.86	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.78	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.81	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.90	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.92	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.90	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.97	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.60	PASS

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Band12	1.4MHz	QPSK	23173	3RB#3	23.71	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.88	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.91	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.16	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.93	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.47	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.57	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.58	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.71	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.42	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.68	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.47	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.72	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.73	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.11	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.08	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.92	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.85	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.81	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.90	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.63	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.54	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.62	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.90	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.82	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.83	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.86	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.86	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.85	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.87	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.78	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.85	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.86	PASS

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Band12	3MHz	QPSK	23095	8RB#7	22.97	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.87	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.56	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.78	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.60	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.05	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.89	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.97	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.90	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.75	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.85	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.98	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.87	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.88	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.79	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.88	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.23	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.76	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.85	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.85	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.07	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.30	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.16	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.98	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.78	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.79	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.19	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.49	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.57	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.74	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.76	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.77	PASS

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Band12	5MHz	QPSK	23035	25RB#0	22.81	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.90	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.95	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.50	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.75	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.86	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.84	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.83	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.95	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.79	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.69	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.82	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.88	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.86	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.78	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.58	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.64	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.83	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.76	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.70	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.91	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.93	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.23	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.83	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.78	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.79	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.71	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.69	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.83	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.23	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.88	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.71	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.84	PASS

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Band12	5MHz	16QAM	23155	12RB#13	21.61	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.83	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.51	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.92	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.65	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.80	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.82	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.89	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.80	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.59	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.87	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.85	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.86	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.85	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.83	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.90	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.70	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.04	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.62	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.85	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.85	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.93	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.88	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.72	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.93	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.01	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.78	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.79	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.83	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.67	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.91	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.05	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.82	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.93	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.92	PASS

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Band12	10MHz	16QAM	23095	25RB#25	21.94	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.78	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.99	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.17	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.93	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.97	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.97	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.94	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.07	PASS

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Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.57	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.50	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.18	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.87	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.21	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3.99	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.56	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.31	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.11	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.69	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.07	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	4.86	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.56	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.57	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.12	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.87	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.38	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.17	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.22	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.52	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.21	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.89	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.19	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.08	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.79	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.66	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.15	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.79	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.52	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.26	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.42	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.57	13	PASS

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Band12	5MHz	16QAM	23095	1RB#0	5.12	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.71	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.40	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.25	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.75	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.84	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.03	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.80	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.16	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.64	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.26	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.76	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.80	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.70	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.98	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.49	13	PASS

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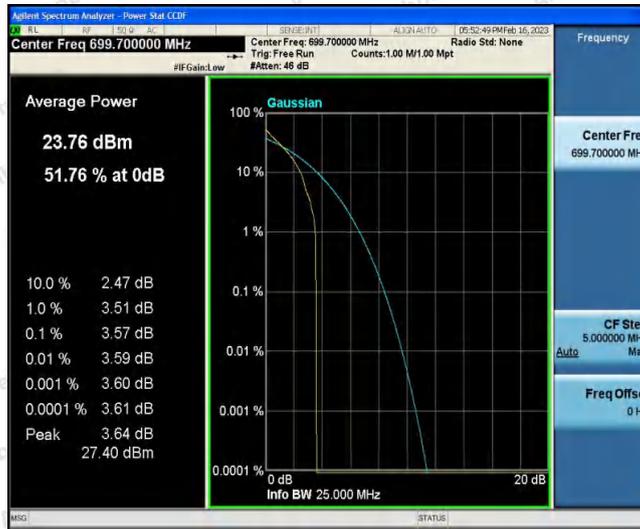


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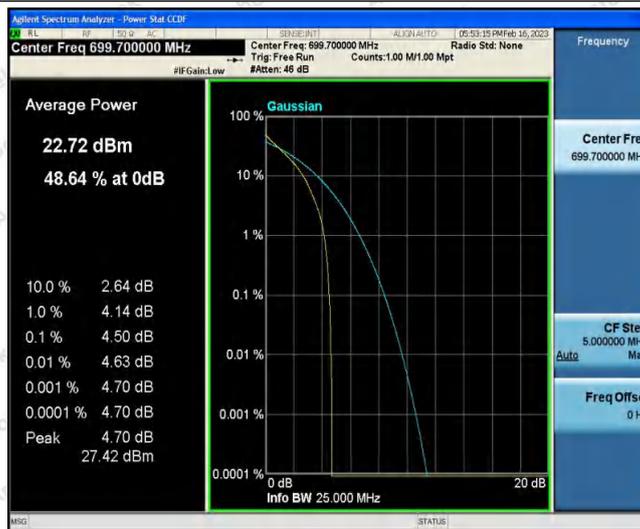


Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



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

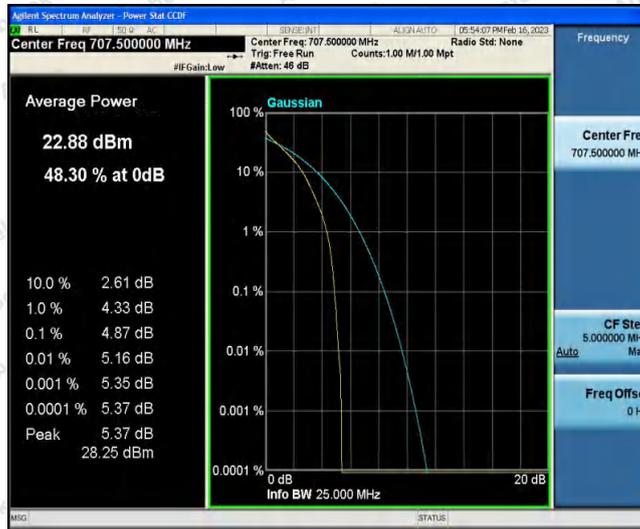


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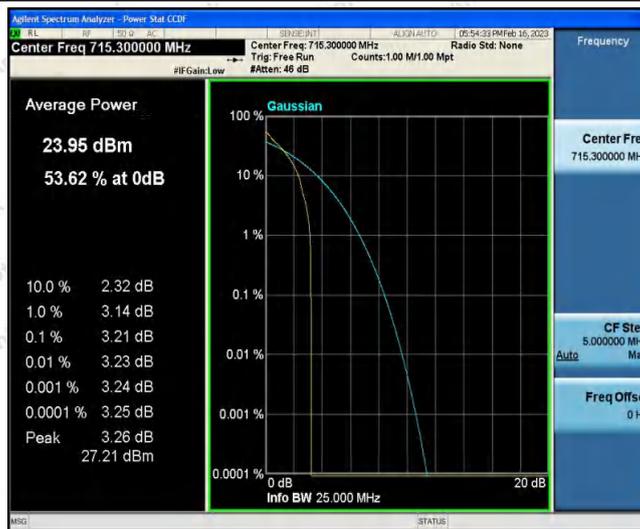




Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-1RB#0



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

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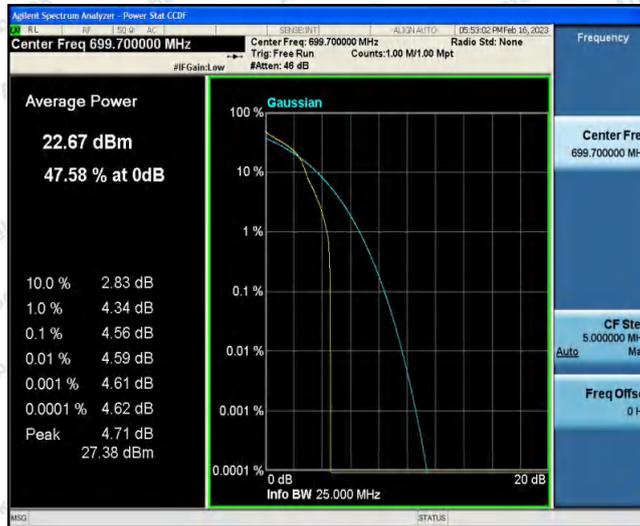


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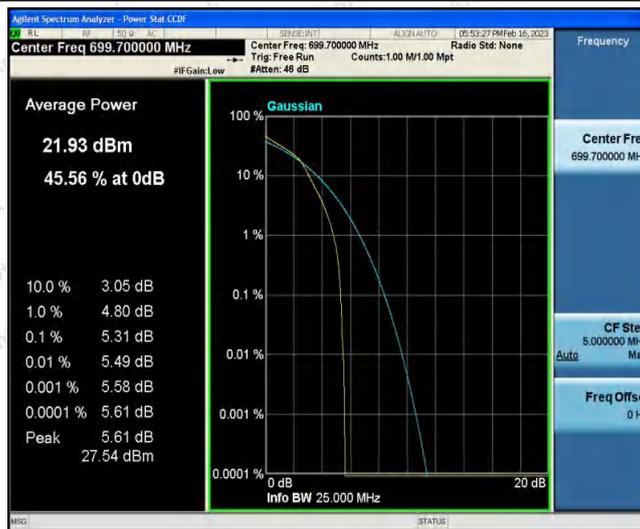




Band12-1.4MHz-16QAM-23017-1RB#0



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



Band12-1.4MHz-16QAM-23095-1RB#0

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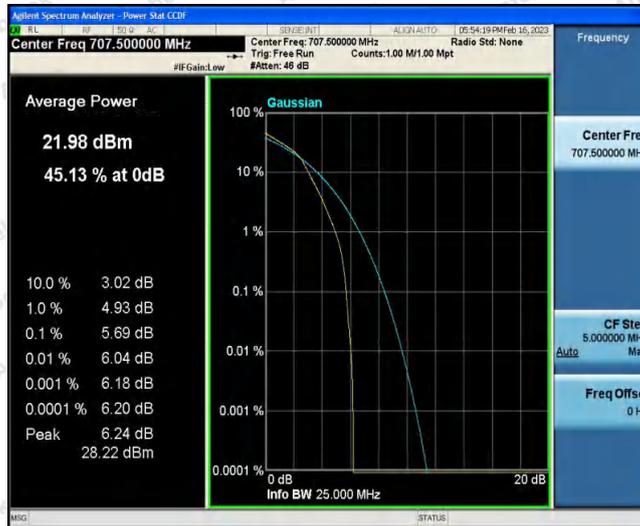


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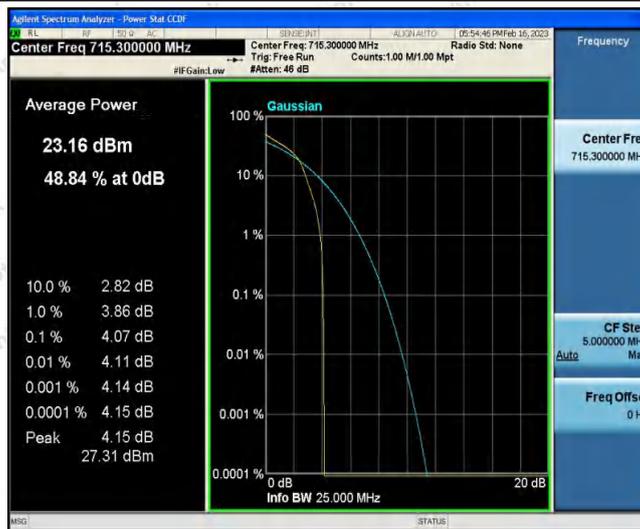




Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-1RB#0



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

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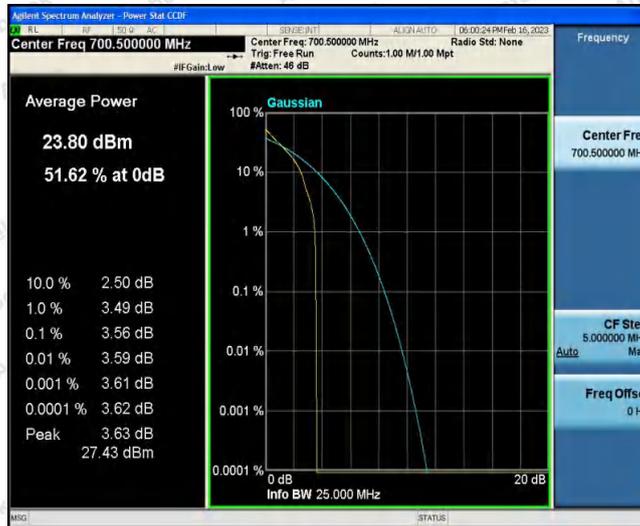


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Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-1RB#0

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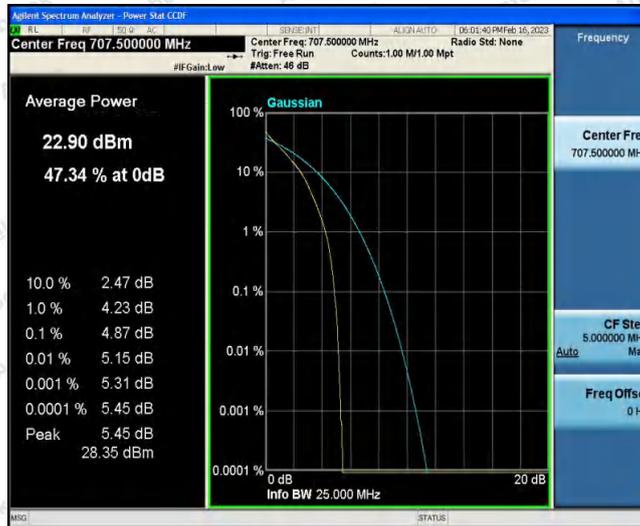


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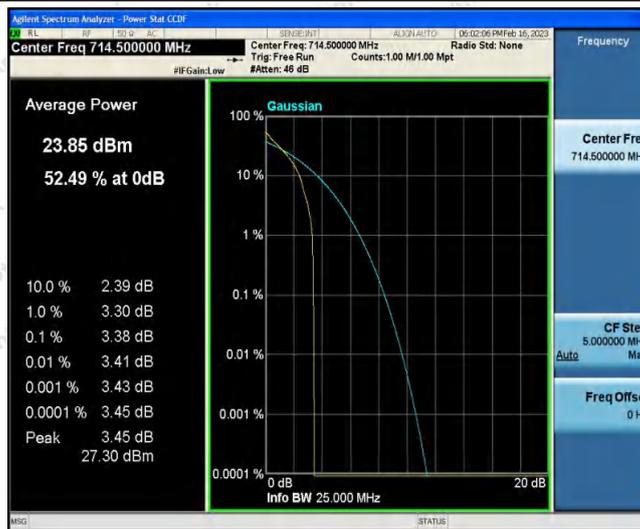




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Band12-3MHz-QPSK-23165-15RB#0

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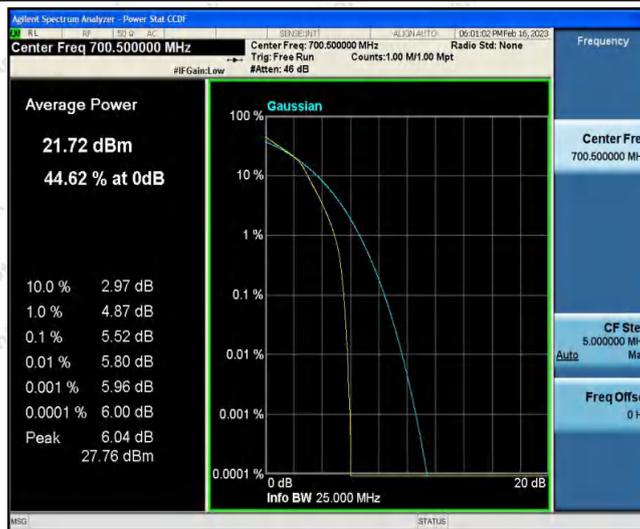




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Band12-3MHz-16QAM-23095-1RB#0

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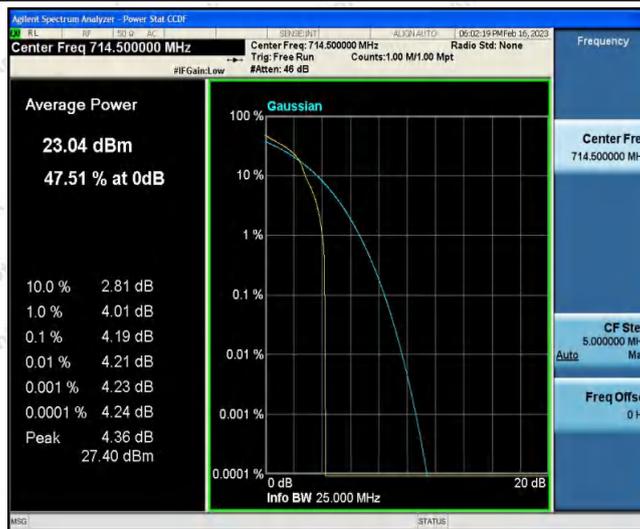




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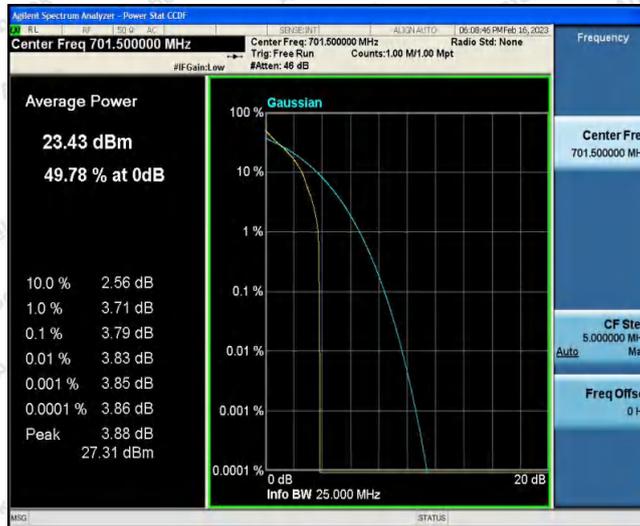
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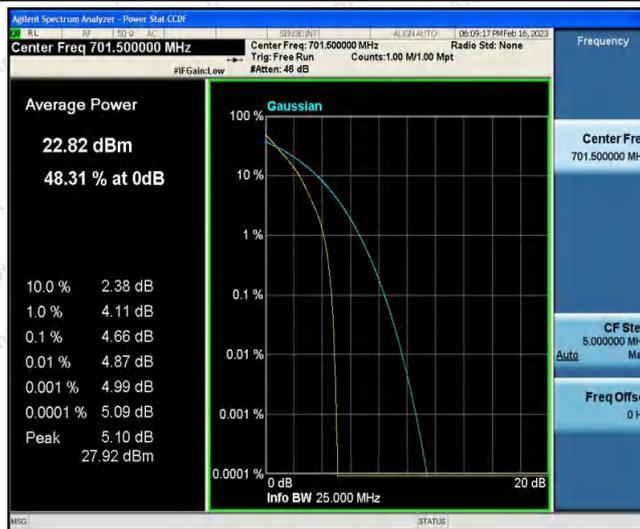




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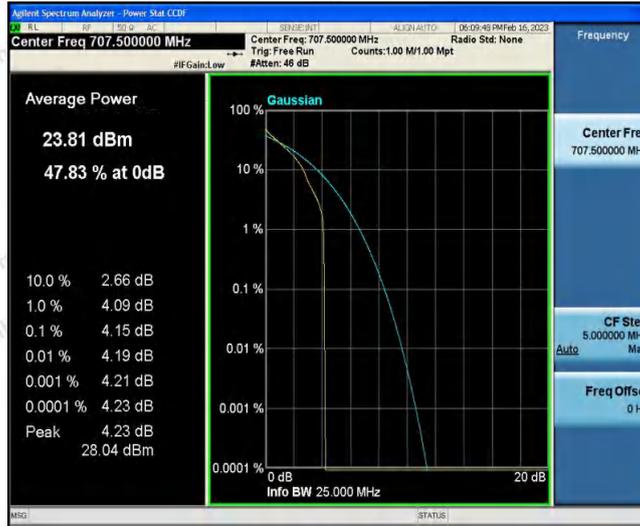
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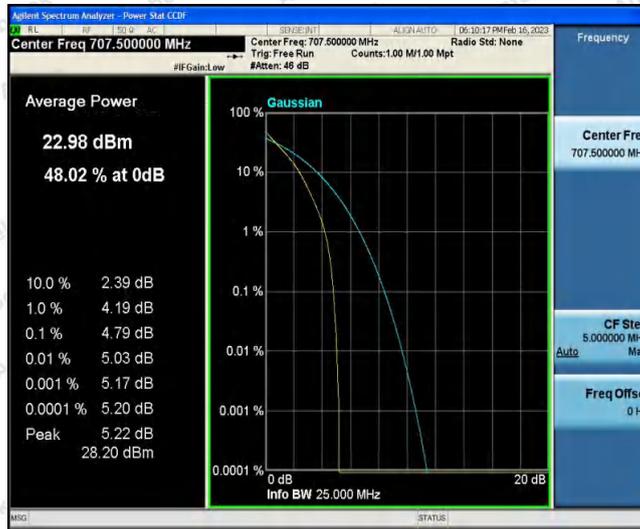
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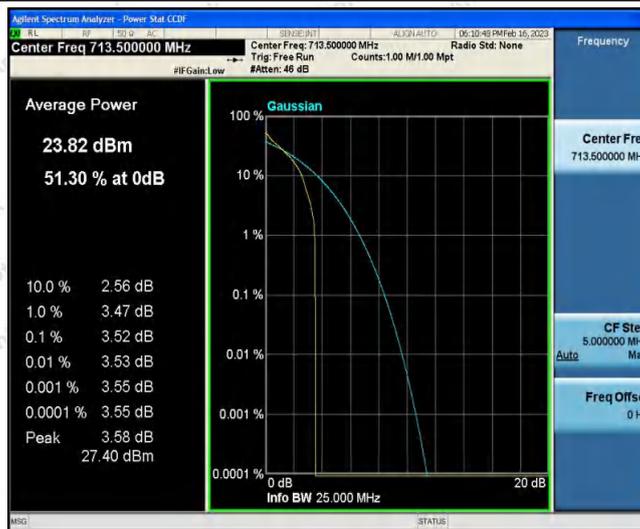




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Band12-5MHz-QPSK-23155-1RB#0



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

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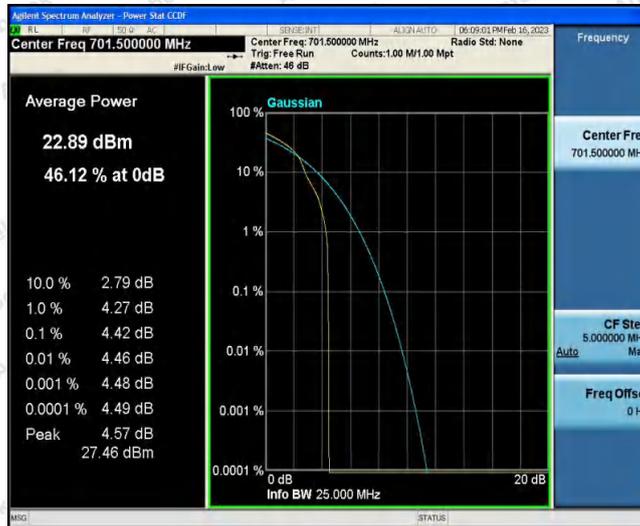


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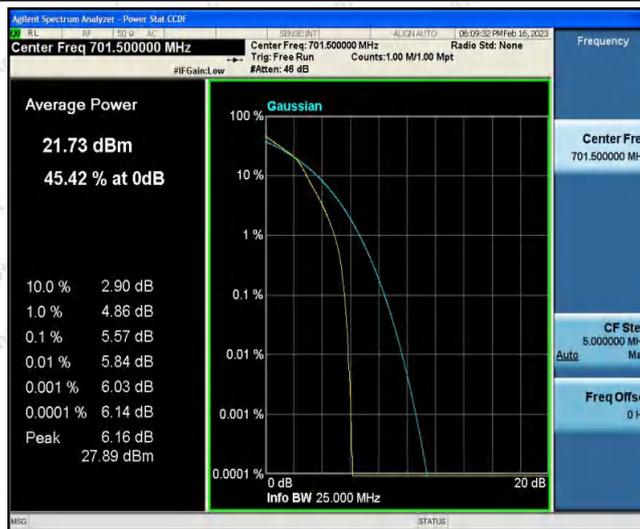




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Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-1RB#0

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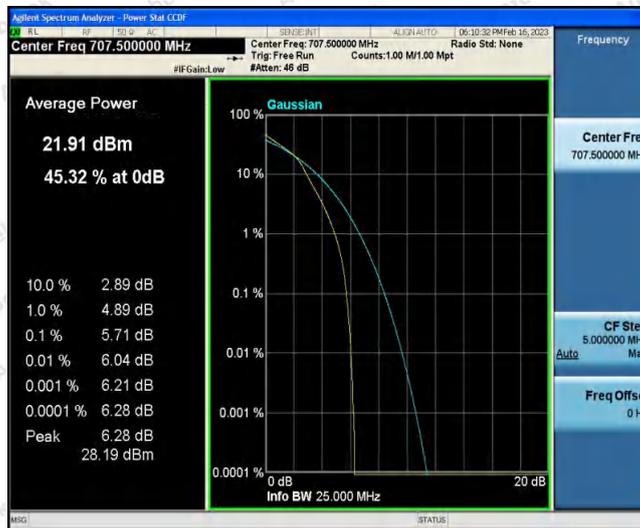


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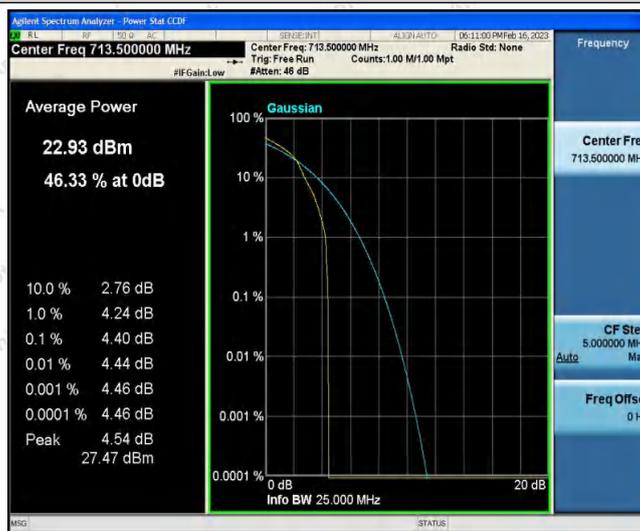




Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-1RB#0



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

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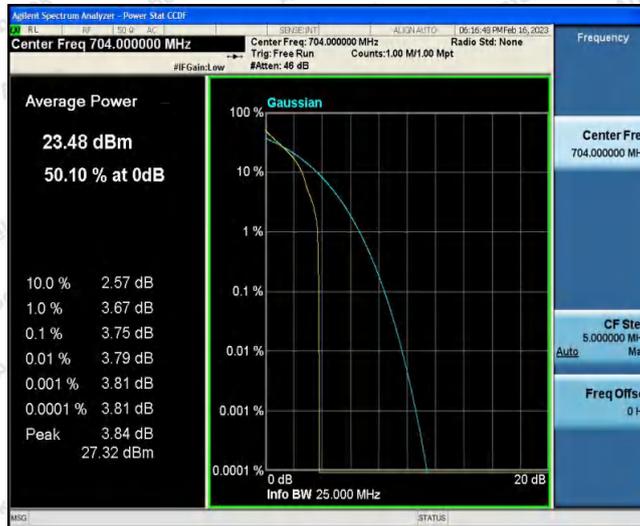


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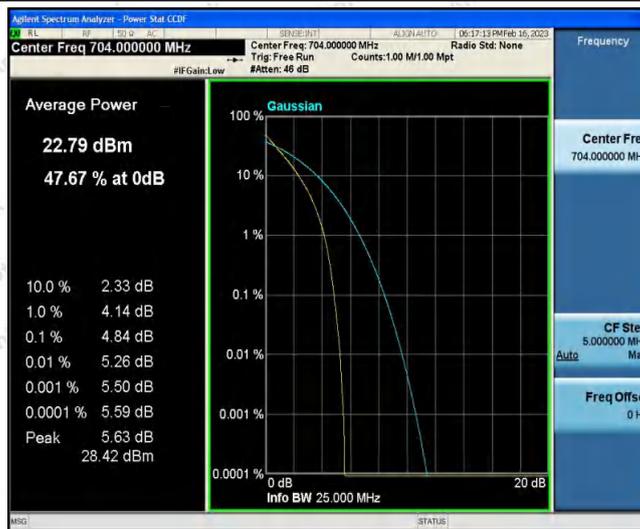




Band12-10MHz-QPSK-23060-1RB#0



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



Band12-10MHz-QPSK-23095-1RB#0

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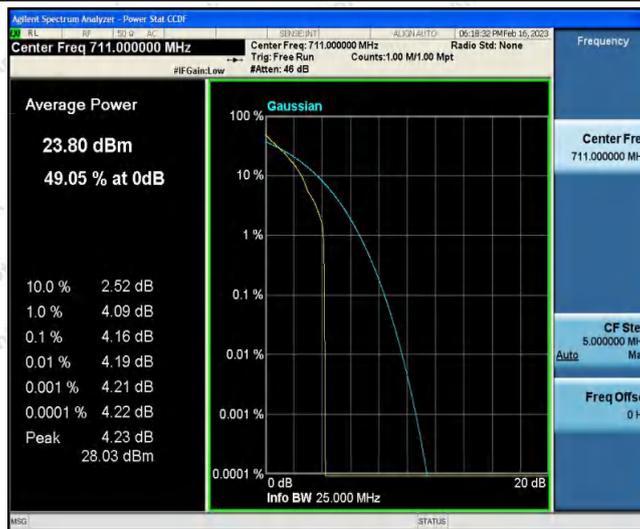




Band12-10MHz-QPSK-23095-50RB#0



Band12-10MHz-QPSK-23130-1RB#0



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

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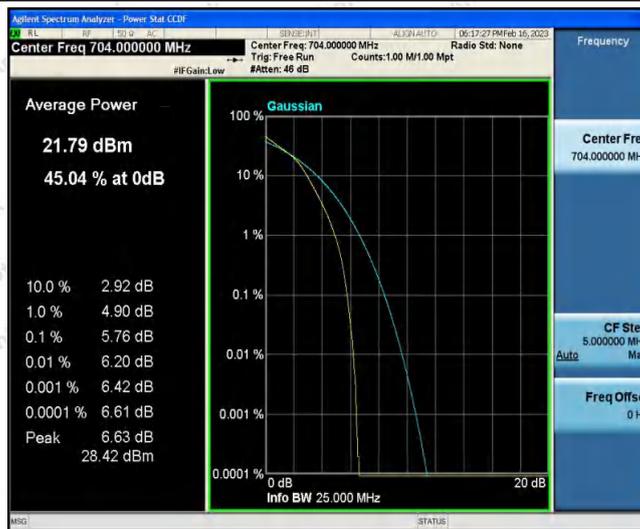




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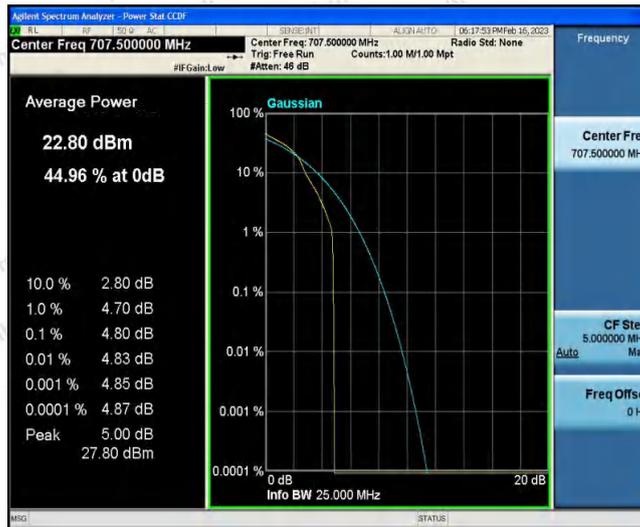
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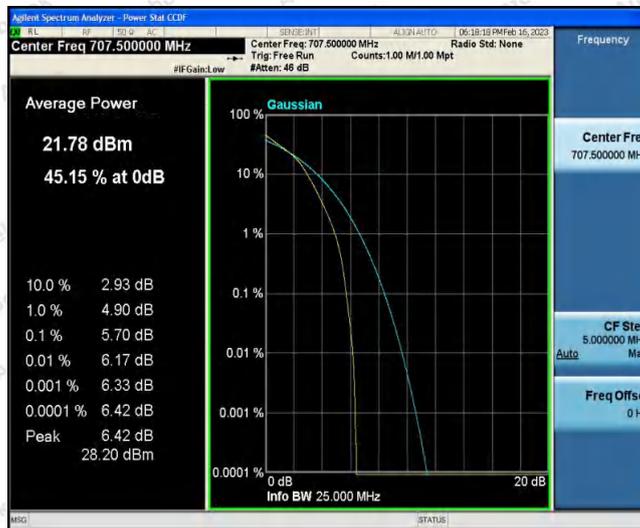
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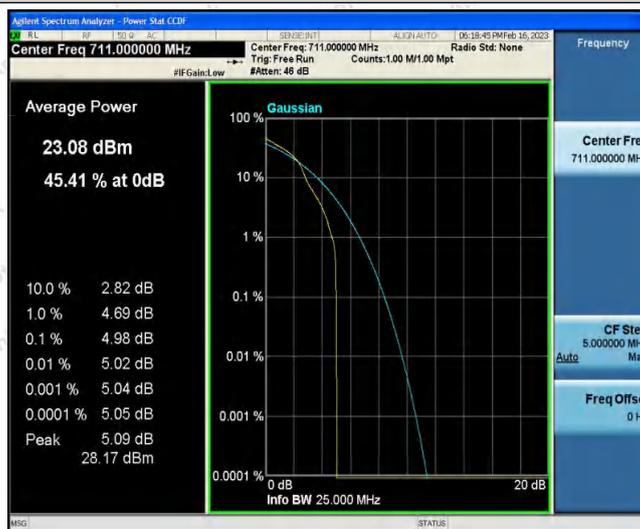




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Band12-10MHz-16QAM-23130-1RB#0



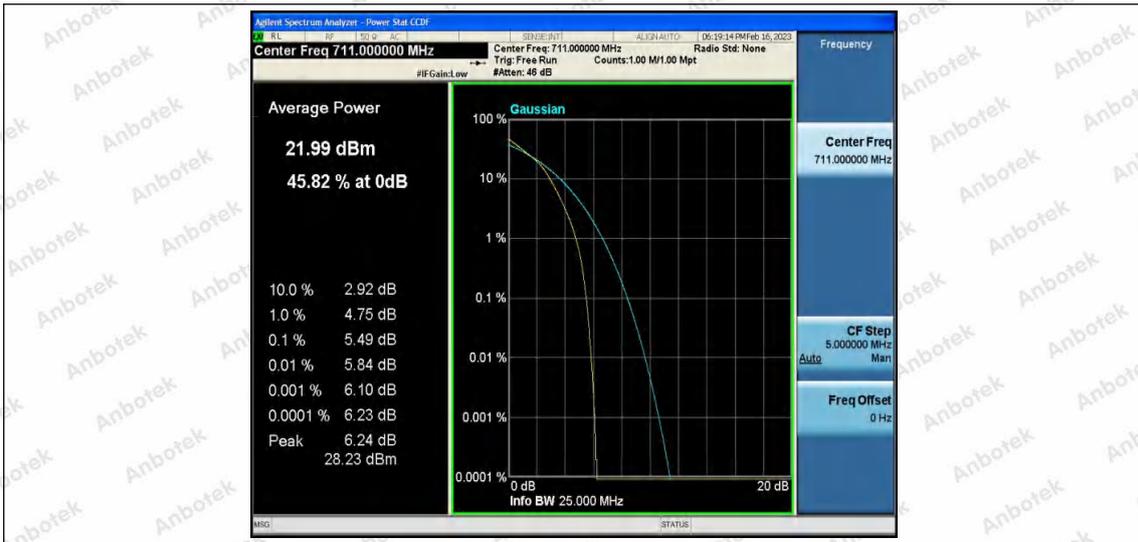
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Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0859	1.253	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0933	1.255	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0891	1.265	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0909	1.263	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0897	1.265	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0891	1.237	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6865	2.911	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6942	2.909	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6894	2.902	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6897	2.886	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6924	2.892	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6887	2.909	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4844	4.867	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4944	4.867	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4935	4.860	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4933	4.875	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4915	4.890	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4900	4.826	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9539	9.543	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9650	9.527	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9532	9.522	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9507	9.527	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9576	9.522	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9515	9.496	PASS

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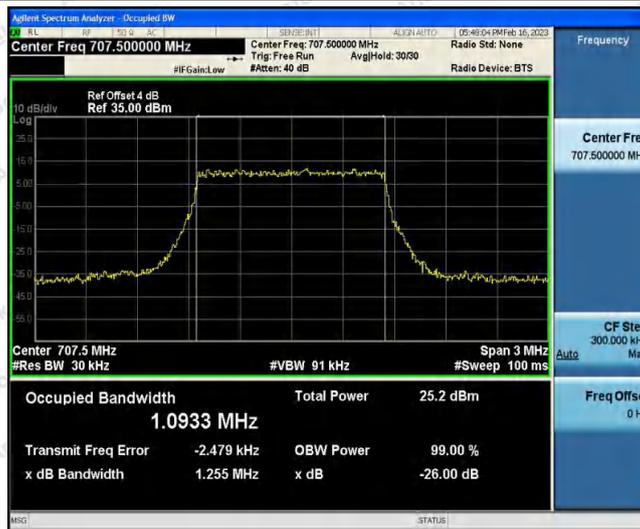


Test Graphs

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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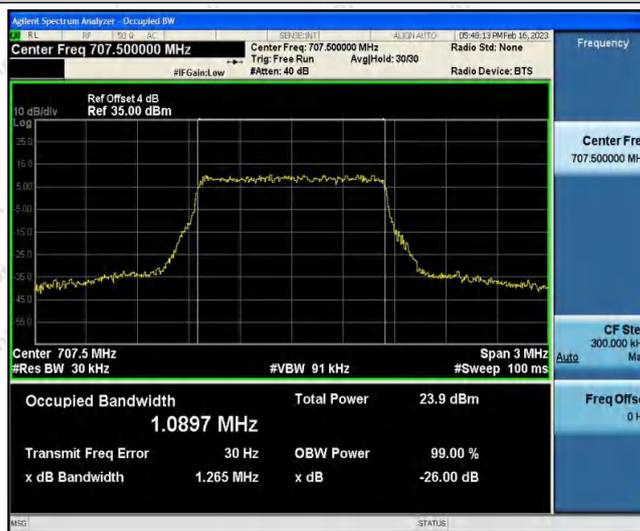




Band12-1.4MHz-16QAM-23017-6RB#0



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



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

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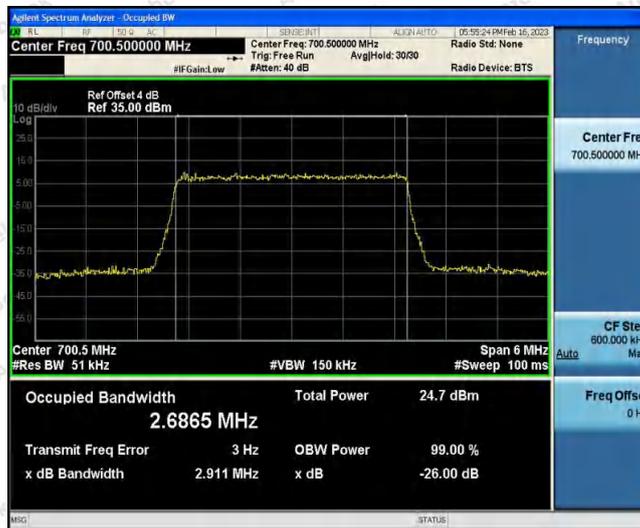


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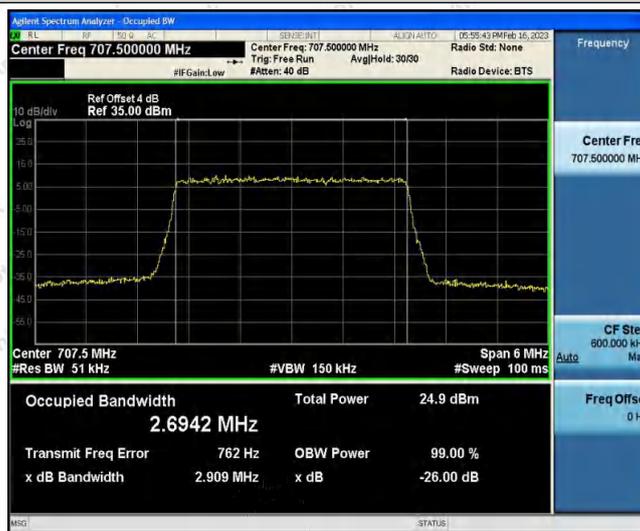




Band12-3MHz-QPSK-23025-15RB#0



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



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

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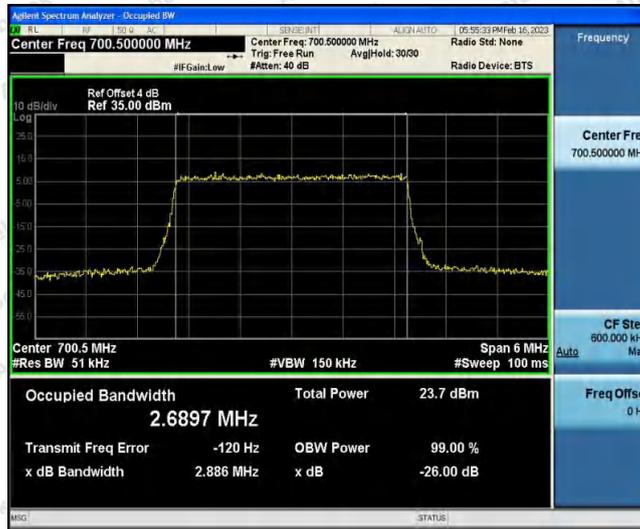


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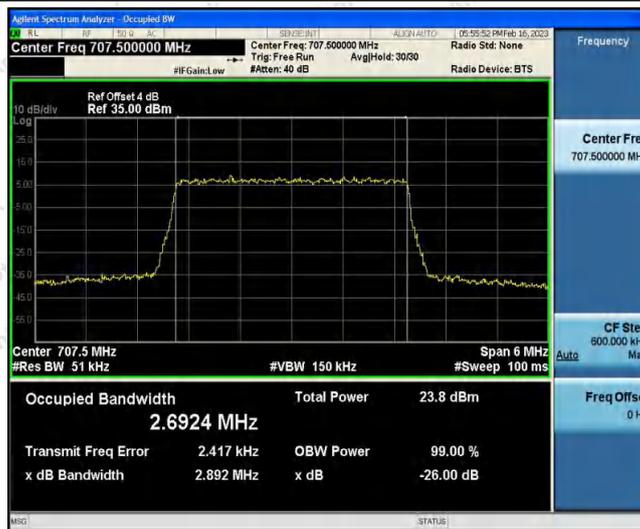




Band12-3MHz-16QAM-23025-15RB#0



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



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

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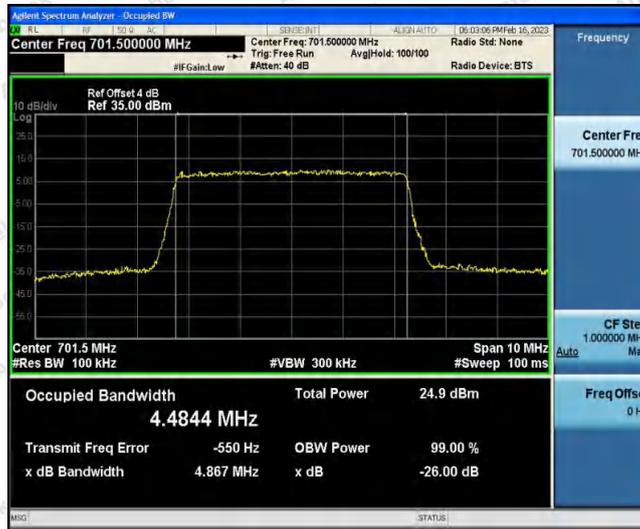


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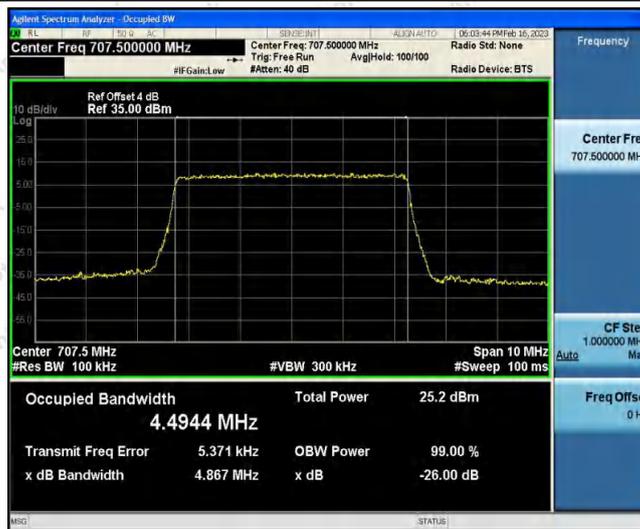




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Band12-5MHz-QPSK-23155-25RB#0

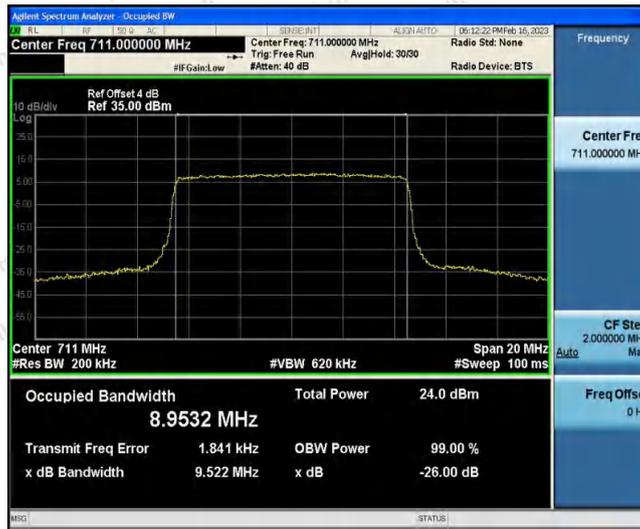
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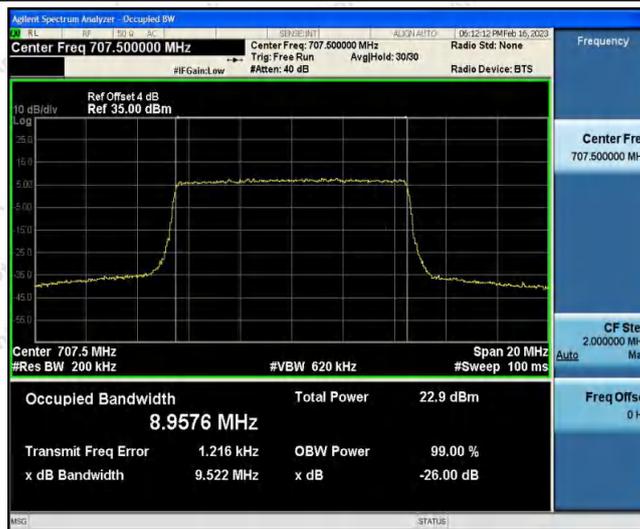




Band12-10MHz-16QAM-23060-50RB#0



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



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

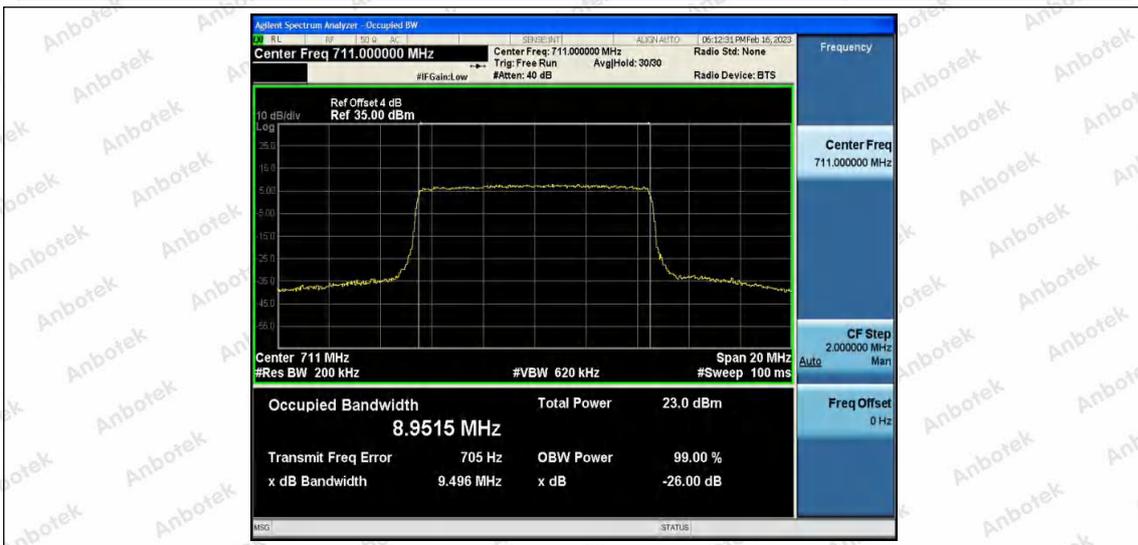
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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-27.37,-13.6 0	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-45.20,-46.7 6	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-29.71,-21.7 7	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-46.39,-44.1 9	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-15.18,-24.7 7	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-21.37,-24.6 9	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-26.71,-17.6 4	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-46.05,-47.5 8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-29.34,-24.1 7	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-42.39,-43.5 4	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-16.28,-27.1 4	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-19.94,-23.9 0	PASS
Band12	3MHz	QPSK	23025	1RB#0	-22.50,-12.9 7	PASS
Band12	3MHz	QPSK	23025	1RB#14	-41.88,-48.5 4	PASS
Band12	3MHz	QPSK	23025	15RB#0	-30.62,-21.5 2	PASS
Band12	3MHz	QPSK	23165	1RB#0	-48.02,-41.9 0	PASS
Band12	3MHz	QPSK	23165	1RB#14	-11.24,-23.7	PASS

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					4	
Band12	3MHz	QPSK	23165	15RB#0	-20.37,-26.06	PASS
Band12	3MHz	16QAM	23025	1RB#0	-27.10,-13.54	PASS
Band12	3MHz	16QAM	23025	1RB#14	-42.78,-49.29	PASS
Band12	3MHz	16QAM	23025	15RB#0	-32.81,-22.84	PASS
Band12	3MHz	16QAM	23165	1RB#0	-48.01,-42.24	PASS
Band12	3MHz	16QAM	23165	1RB#14	-12.05,-24.28	PASS
Band12	3MHz	16QAM	23165	15RB#0	-22.19,-27.06	PASS
Band12	5MHz	QPSK	23035	1RB#0	-12.89	PASS
Band12	5MHz	QPSK	23035	1RB#24	-51.88	PASS
Band12	5MHz	QPSK	23035	25RB#0	-21.87	PASS
Band12	5MHz	QPSK	23155	1RB#0	-52.42	PASS
Band12	5MHz	QPSK	23155	1RB#24	-13.47	PASS
Band12	5MHz	QPSK	23155	25RB#0	-21.21	PASS
Band12	5MHz	16QAM	23035	1RB#0	-13.44	PASS
Band12	5MHz	16QAM	23035	1RB#24	-51.90	PASS
Band12	5MHz	16QAM	23035	25RB#0	-22.11	PASS
Band12	5MHz	16QAM	23155	1RB#0	-47.13	PASS
Band12	5MHz	16QAM	23155	1RB#24	-14.55	PASS
Band12	5MHz	16QAM	23155	25RB#0	-21.54	PASS
Band12	10MHz	QPSK	23060	1RB#0	-27.41,-20.82	PASS
Band12	10MHz	QPSK	23060	1RB#49	-49.65,-47.01	PASS
Band12	10MHz	QPSK	23060	50RB#0	-29.06,-25.76	PASS
Band12	10MHz	QPSK	23130	1RB#0	-46.14,-48.82	PASS
Band12	10MHz	QPSK	23130	1RB#49	-19.67,-26.48	PASS
Band12	10MHz	QPSK	23130	50RB#0	-24.08,-26.95	PASS
Band12	10MHz	16QAM	23060	1RB#0	-26.55,-20.21	PASS

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Band12	10MHz	16QAM	23060	1RB#49	-46.96,-44.10	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.56,-28.08	PASS
Band12	10MHz	16QAM	23130	1RB#0	-45.83,-46.85	PASS
Band12	10MHz	16QAM	23130	1RB#49	-21.14,-28.69	PASS
Band12	10MHz	16QAM	23130	50RB#0	-26.18,-28.87	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-1RB#5



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

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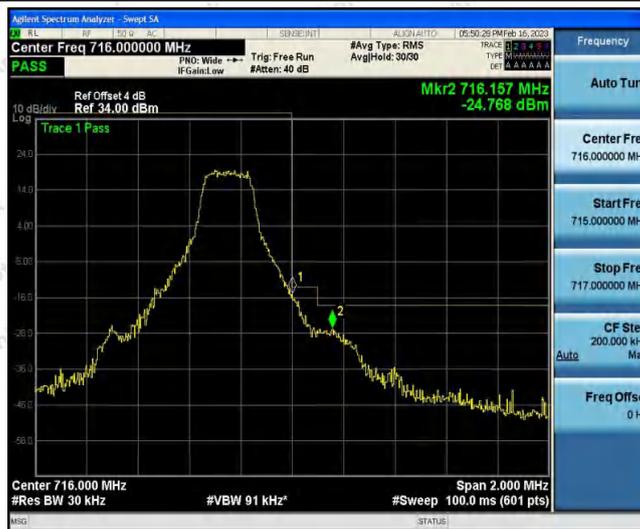




Band12-1.4MHz-QPSK-23173-1RB#0



Band12-1.4MHz-QPSK-23173-1RB#5



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

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Band12-1.4MHz-16QAM-23017-1RB#0



Band12-1.4MHz-16QAM-23017-1RB#5



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

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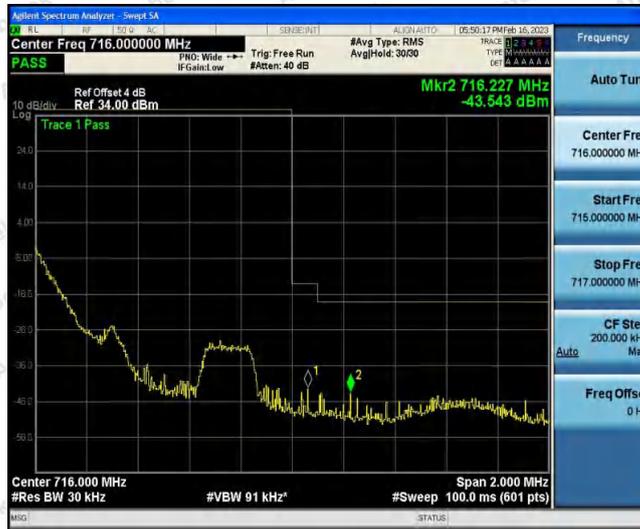


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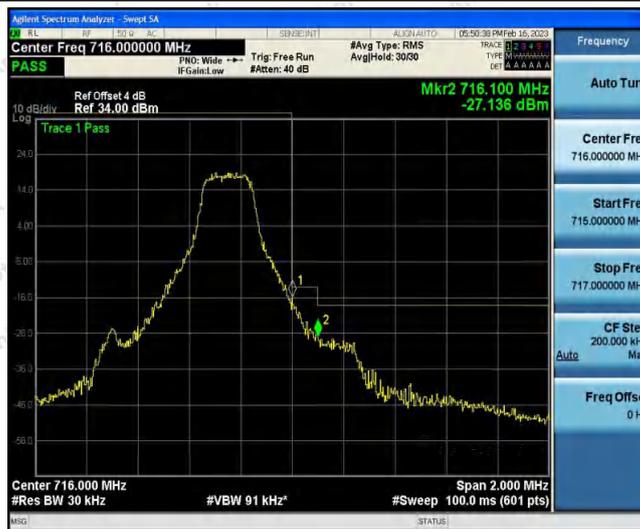




Band12-1.4MHz-16QAM-23173-1RB#0



Band12-1.4MHz-16QAM-23173-1RB#5



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

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Band12-3MHz-QPSK-23025-1RB#14



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



Band12-3MHz-QPSK-23165-1RB#0

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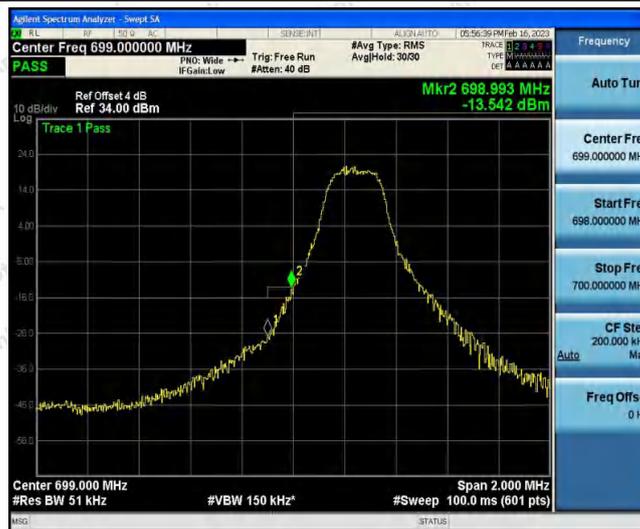




Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-1RB#0



Band12-3MHz-16QAM-23025-1RB#14

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



Band12-3MHz-16QAM-23165-1RB#0



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

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Band12-5MHz-QPSK-23035-1RB#24



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



Band12-5MHz-QPSK-23155-1RB#0

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Band12-5MHz-QPSK-23155-1RB#24



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



Band12-5MHz-16QAM-23035-1RB#0

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Band12-5MHz-16QAM-23035-1RB#24



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



Band12-5MHz-16QAM-23155-1RB#0

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Band12-5MHz-16QAM-23155-1RB#24



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



Band12-10MHz-QPSK-23060-1RB#0

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Band12-10MHz-QPSK-23060-1RB#49



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



Band12-10MHz-QPSK-23130-1RB#0

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Band12-10MHz-QPSK-23130-1RB#49



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



Band12-10MHz-16QAM-23060-1RB#0

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Band12-10MHz-16QAM-23060-1RB#49



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



Band12-10MHz-16QAM-23130-1RB#0

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Band12-10MHz-16QAM-23130-1RB#49



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



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Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-50.5 2	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-16.1 4	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.3	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-15.8 2	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-50.6 7	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-19.2 6	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-50.6 7	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-17.7 1	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-51.4 9	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-21.2 6	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-51.0 8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-21.4 1	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-50.5 4	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-17.7 5	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.4 3	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-14.3 6	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-49.8	PASS

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					00MHz		
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-18.9 3	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-50.8 8	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-20.7	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-51.3 7	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-18.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-50.4	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-21.7 1	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-51.0 5	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-18.9 8	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.1 6	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-18.2 3	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-50.5 3	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-18.7 9	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-51.4 3	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-15.6 2	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-50.9	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-24.2 4	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-51.2 8	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-23.3 5	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-51.5 4	PASS

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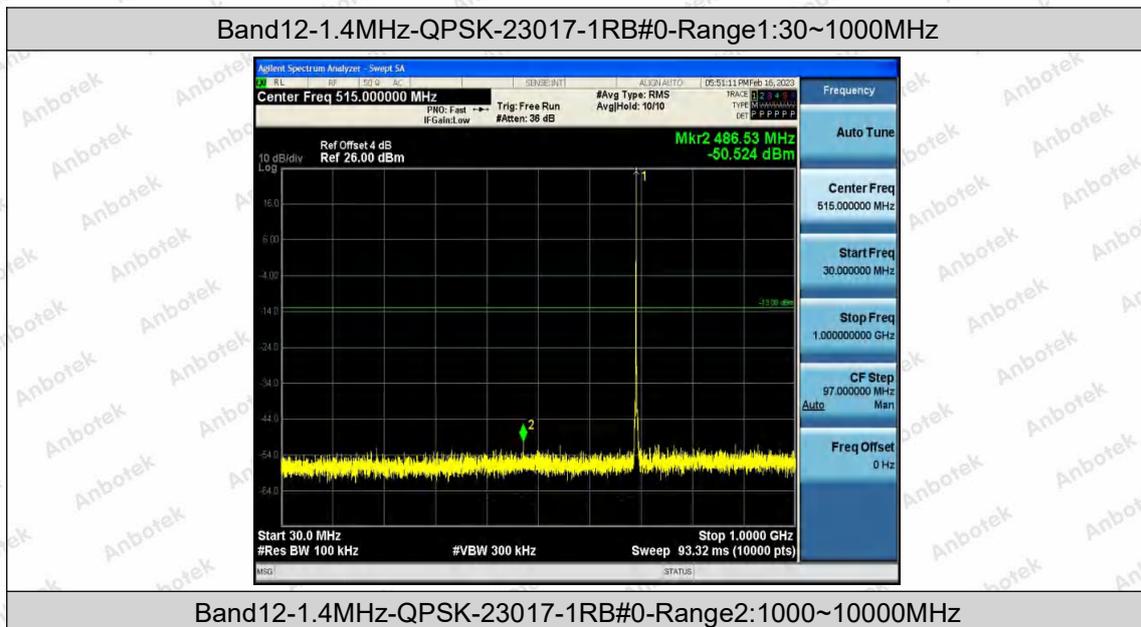


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Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-16.0 7	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-51.3 1	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-17.2 4	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-51.4 9	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-19.8 3	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-51.3 6	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-19.9 2	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-51.7 3	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-21.5 8	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-51.5 2	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-20.0 9	PASS

Test Graphs



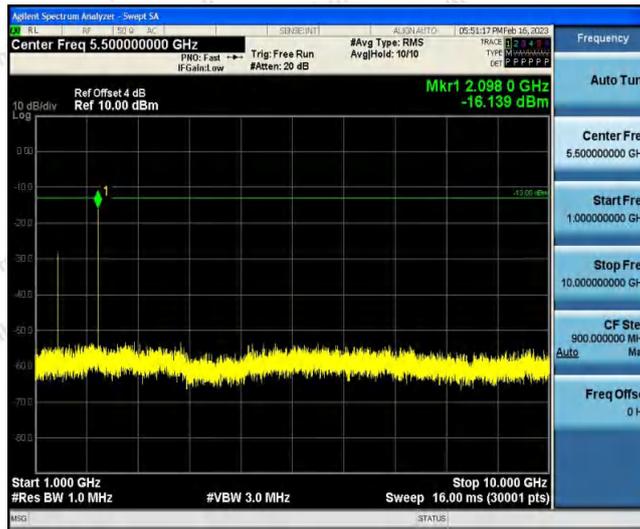
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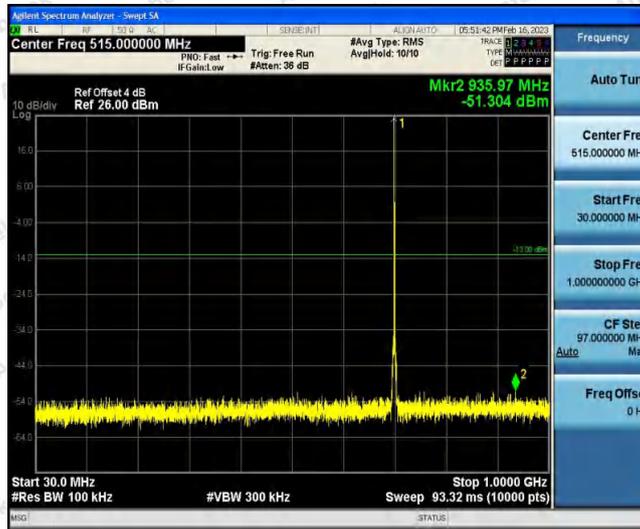


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Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



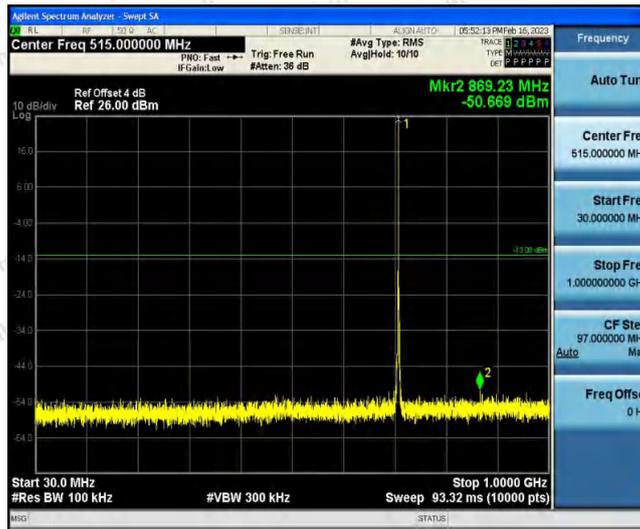
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz

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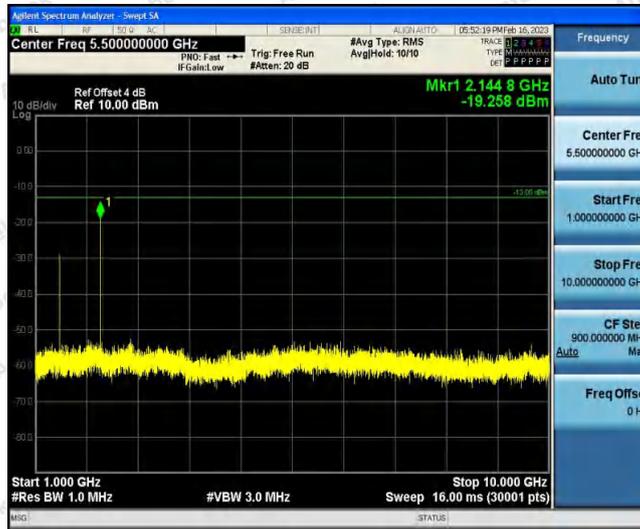
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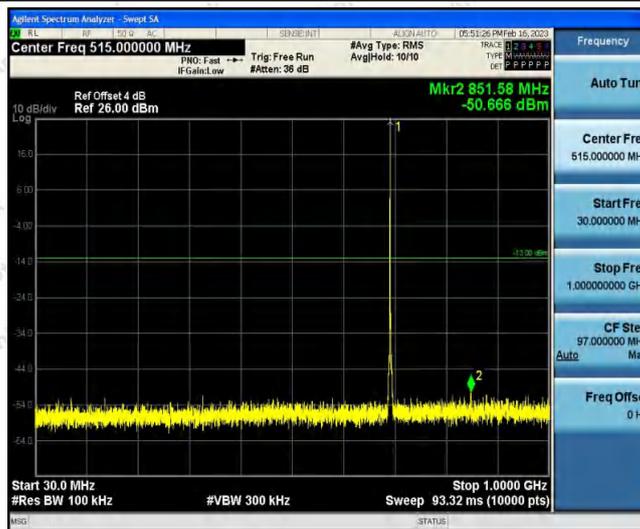




Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz

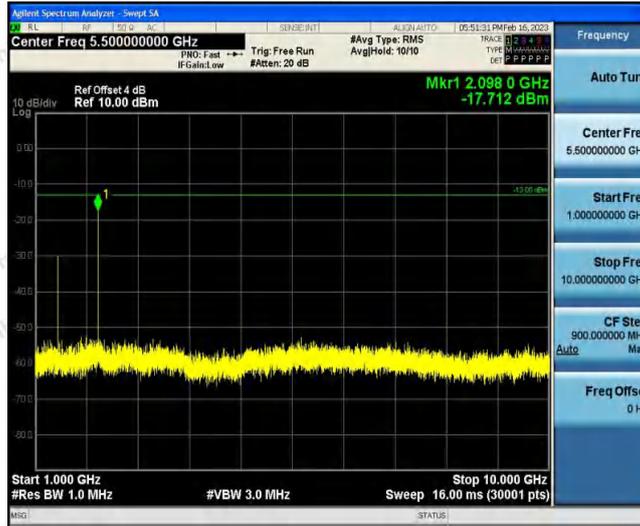
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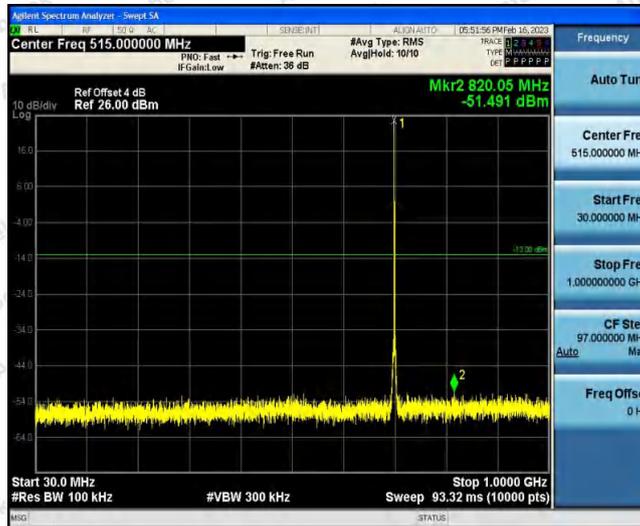


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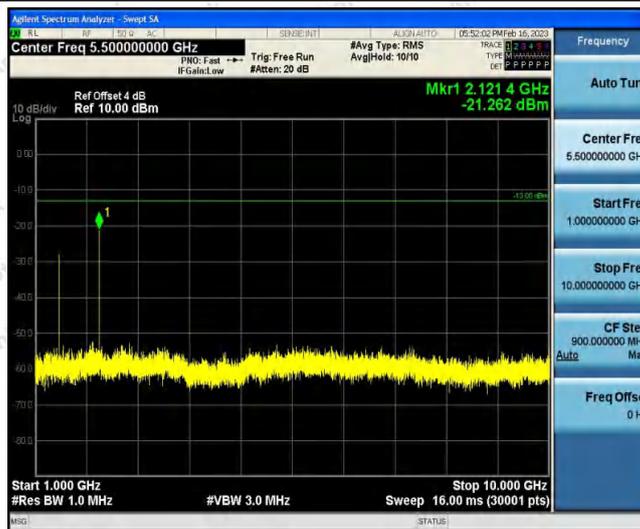




Band12-1.4MHz-16QAM-23095-1RB#0-Range 1:30~1000MHz



Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



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

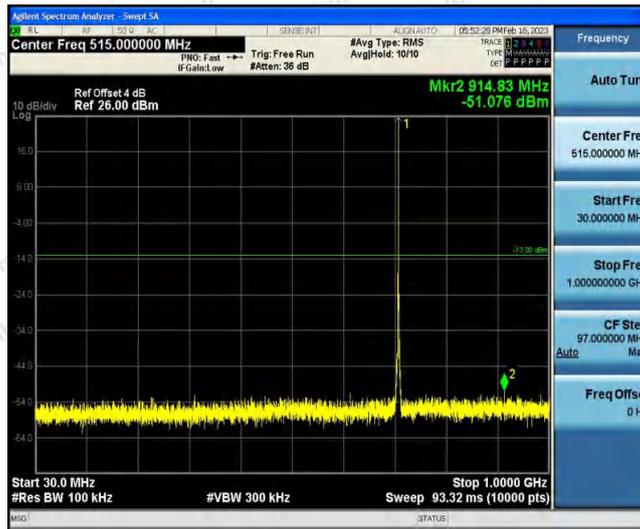
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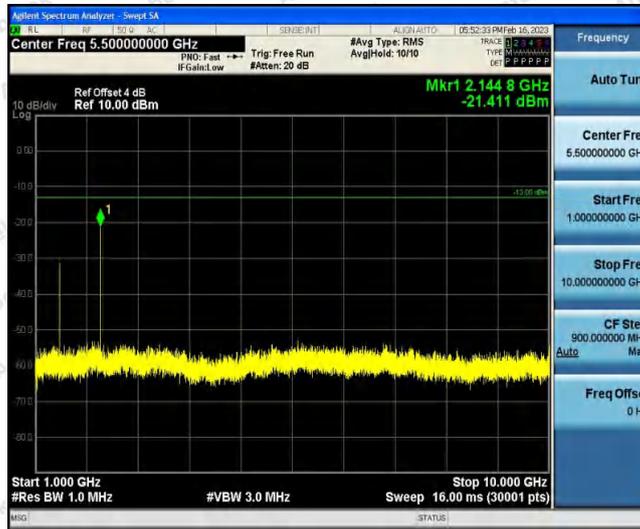


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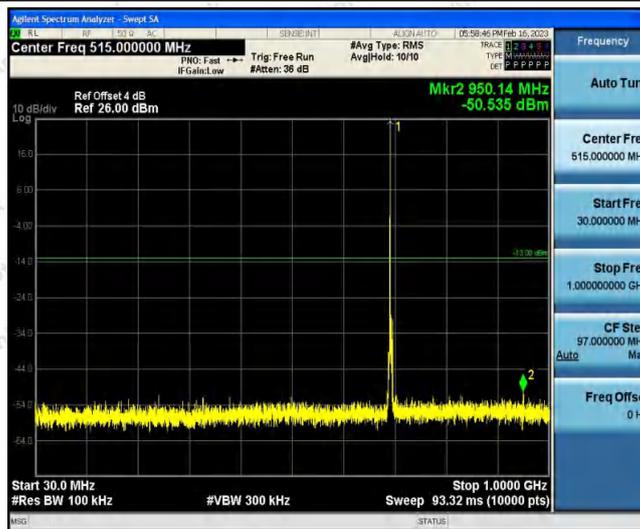




Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz

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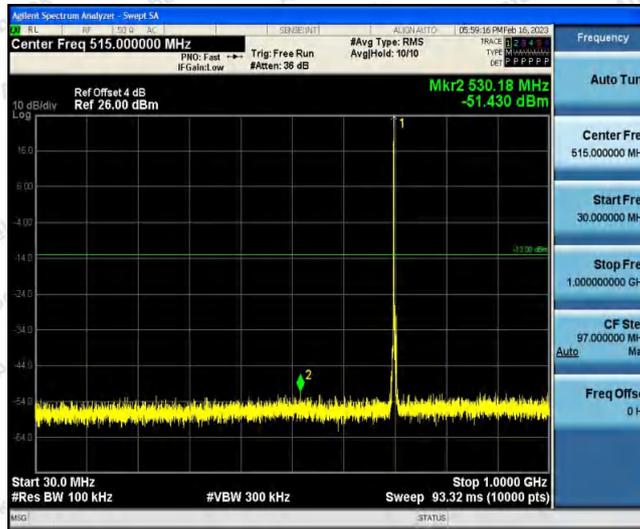


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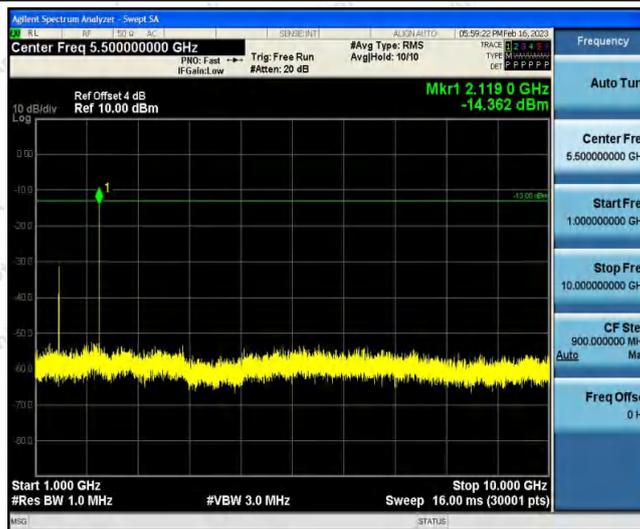




Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz

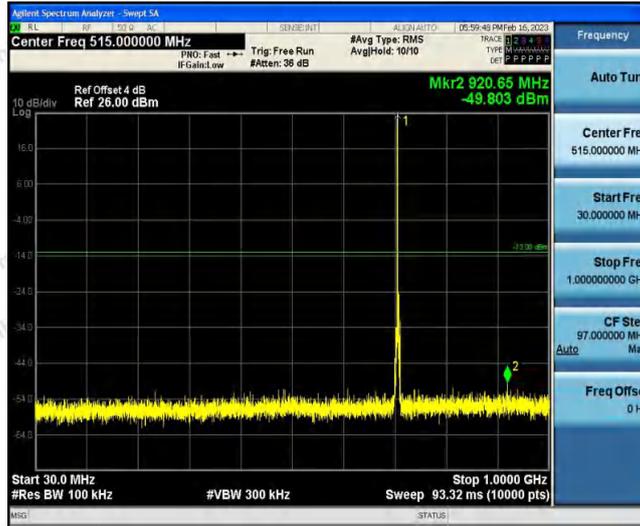
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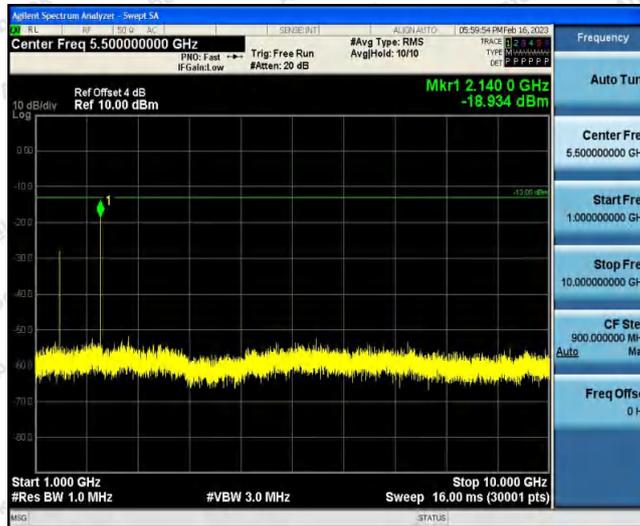


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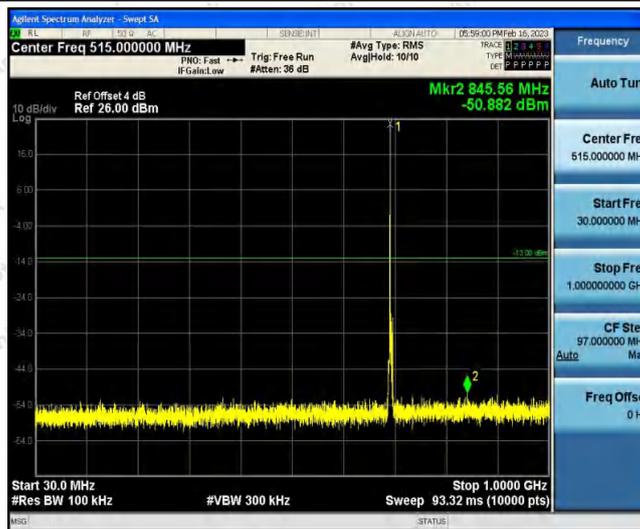




Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz

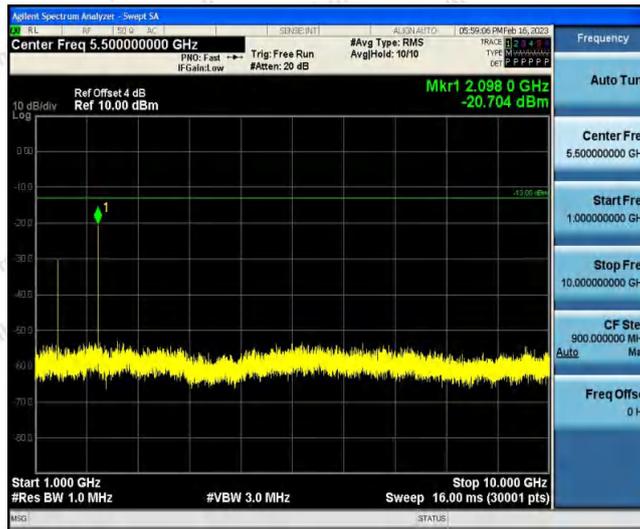
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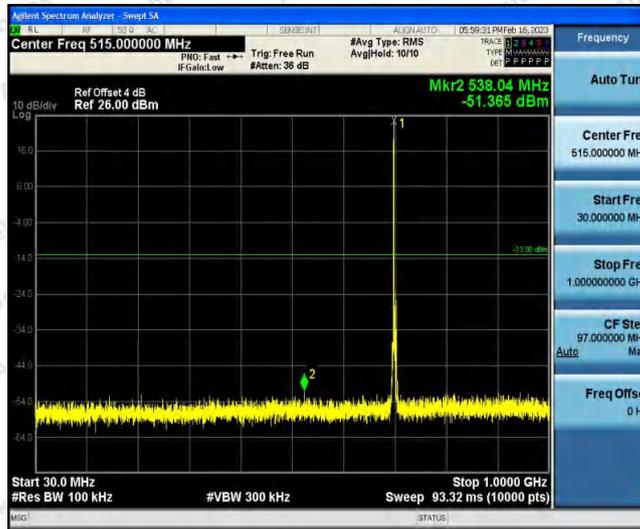


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Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz

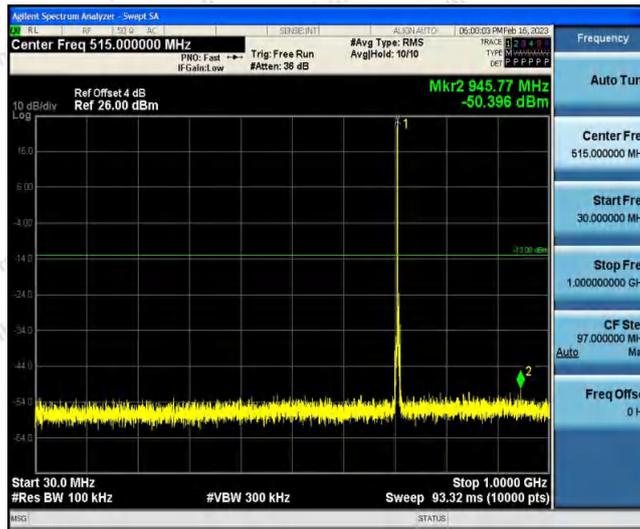
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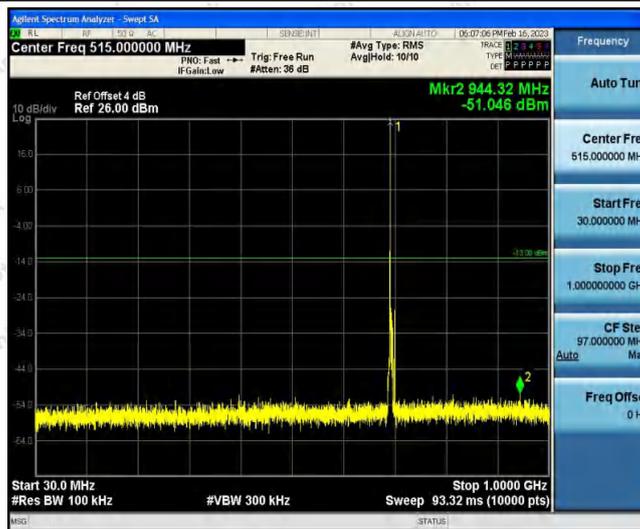




Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz

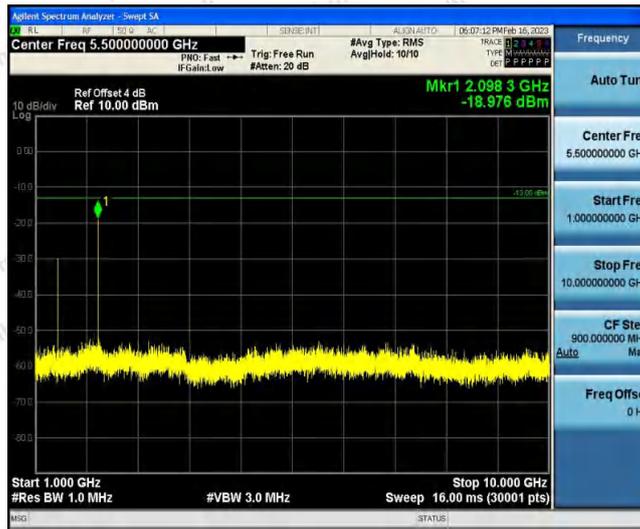
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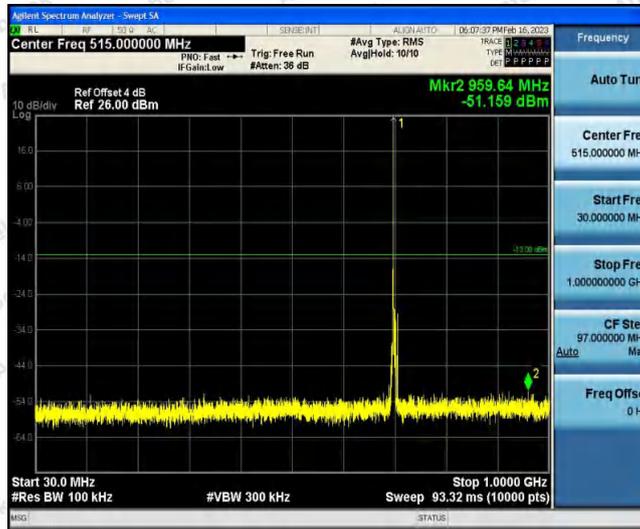


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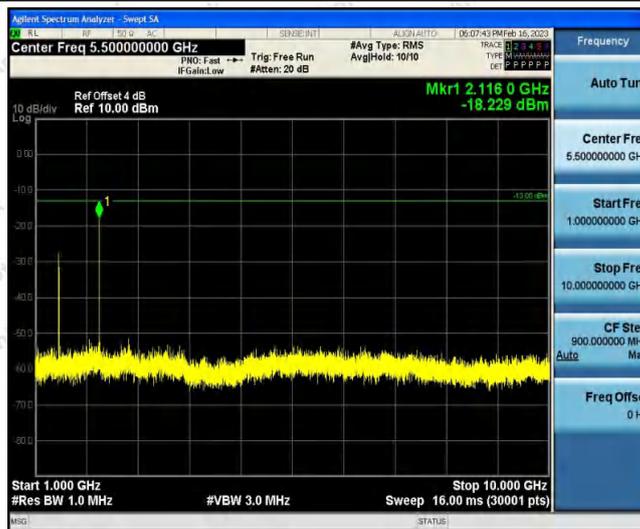




Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz

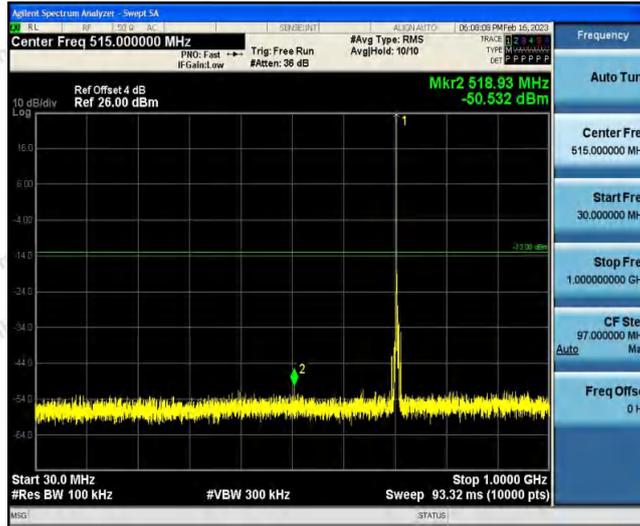
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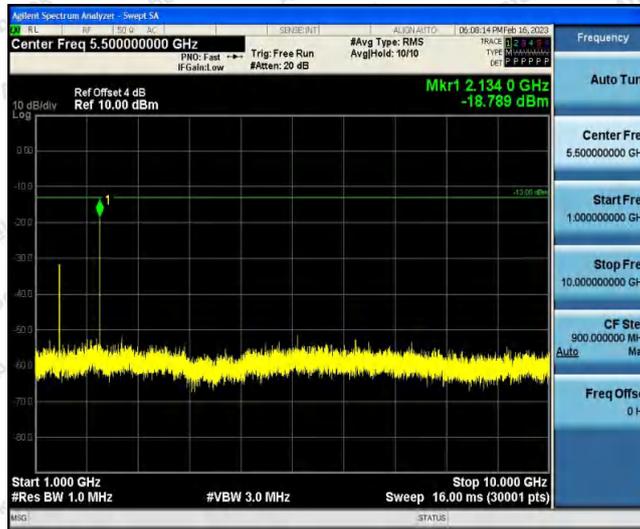


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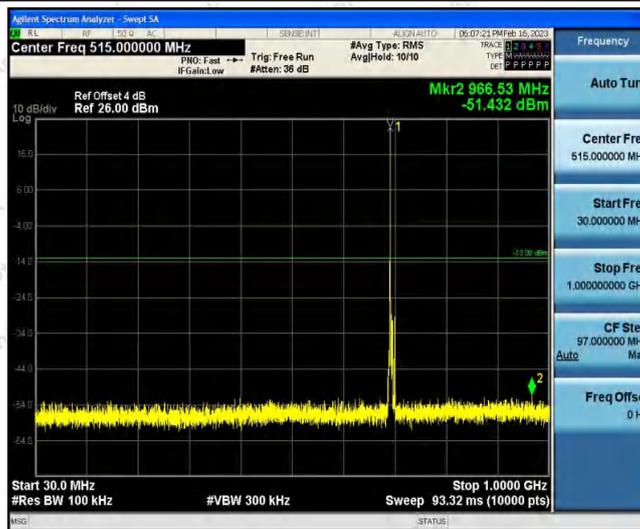




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Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz

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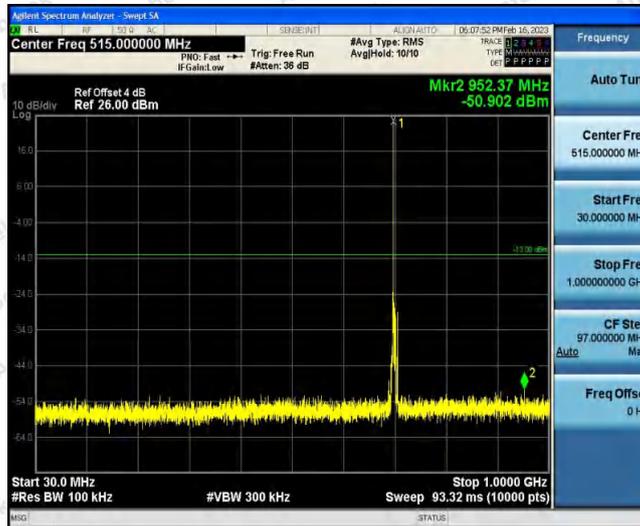


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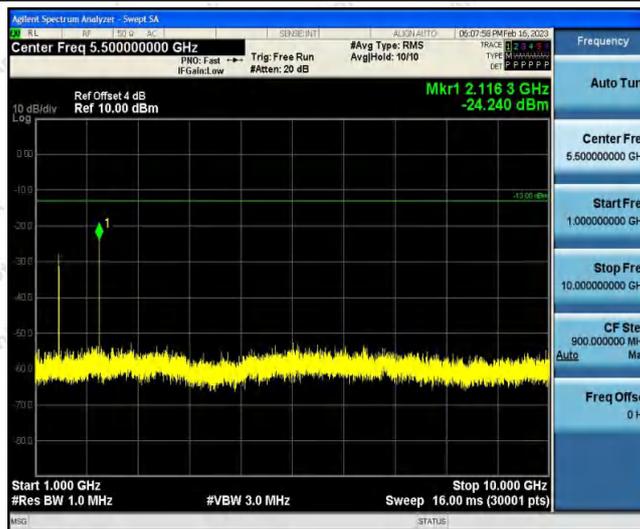




Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz

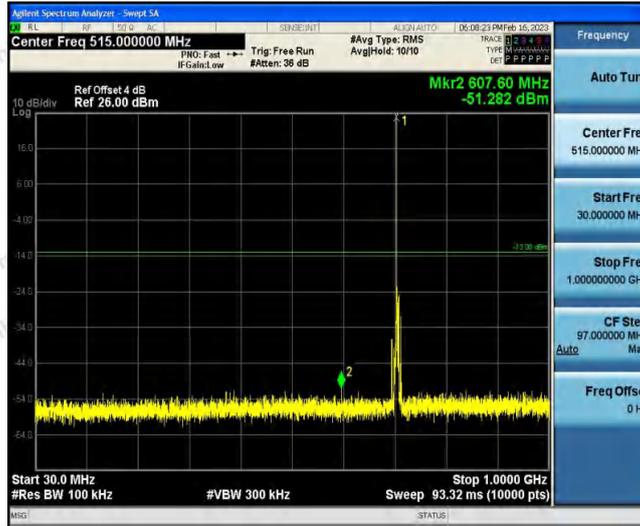
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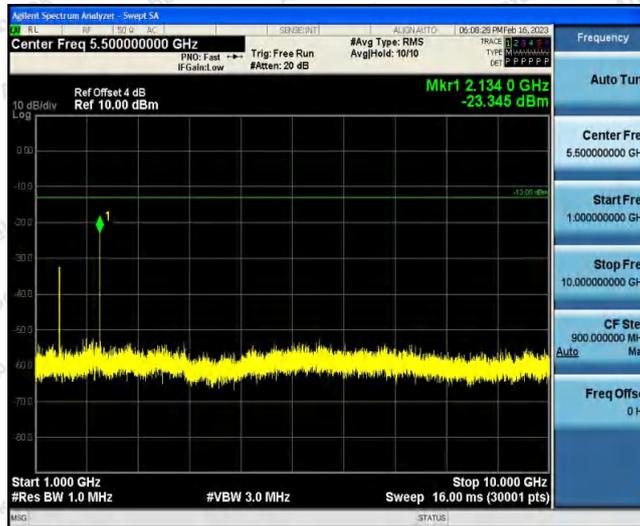


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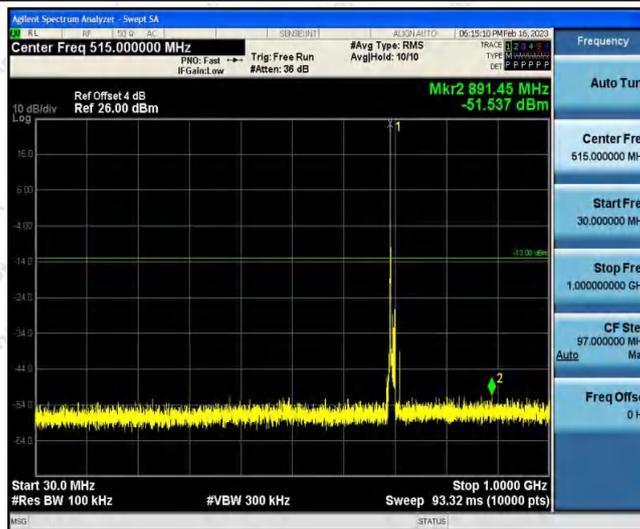




Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz

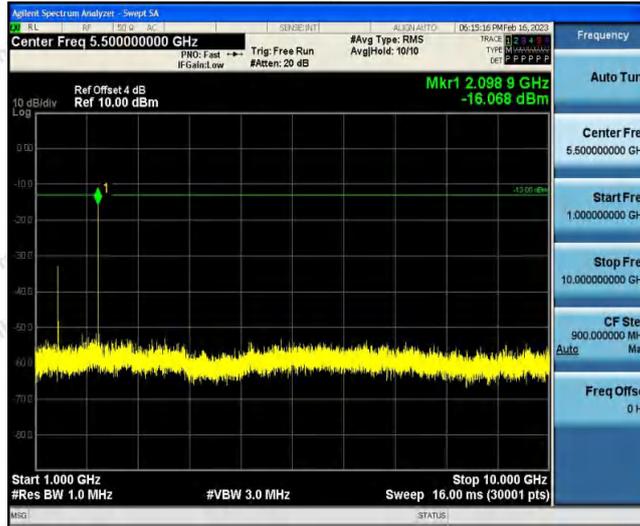
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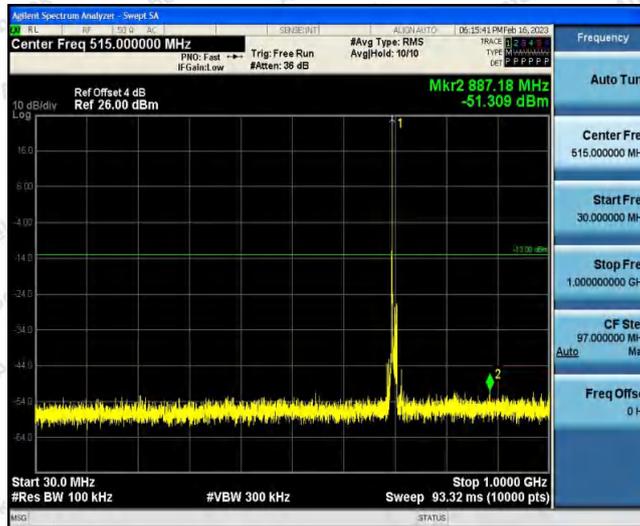


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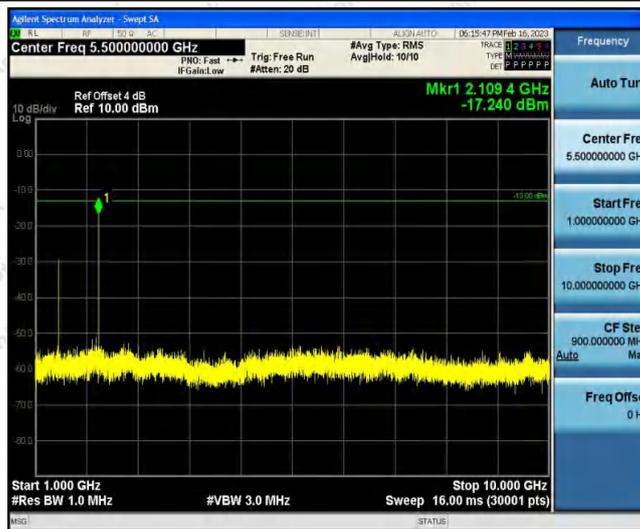




Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz

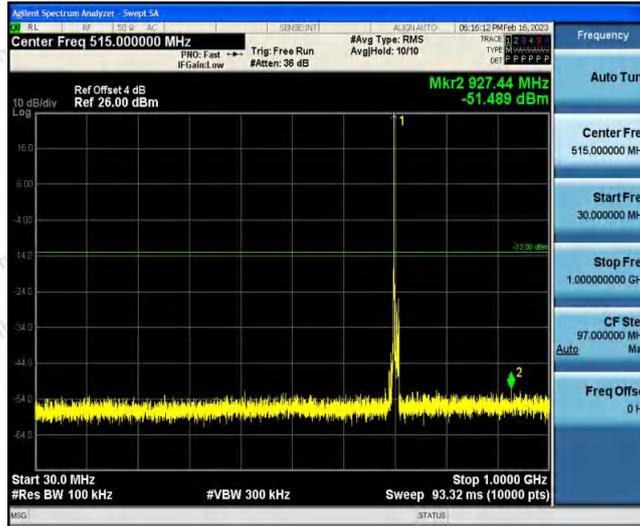
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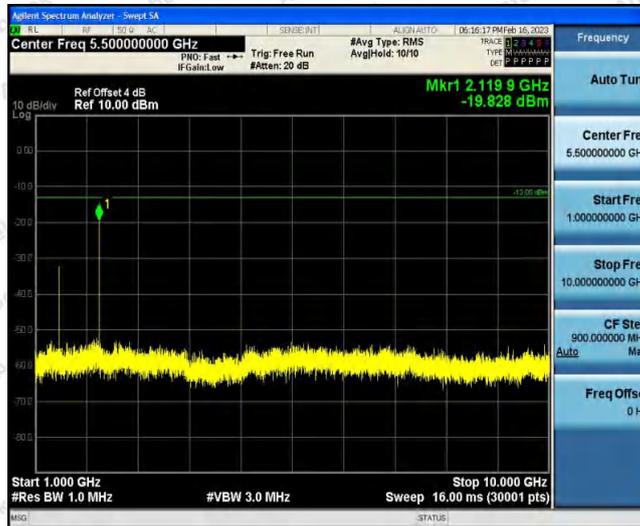


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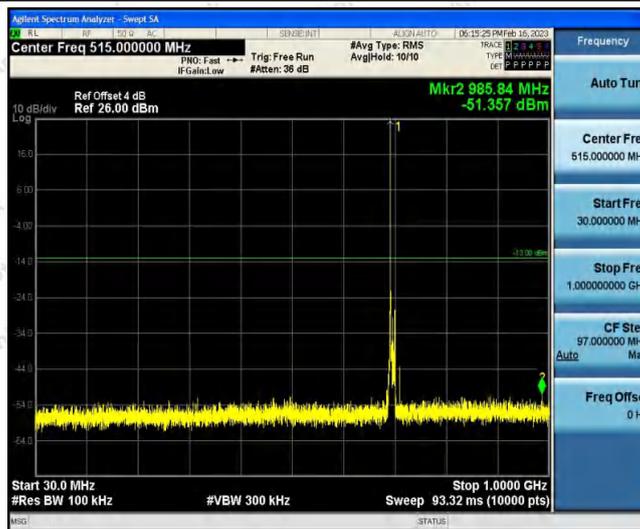




Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz

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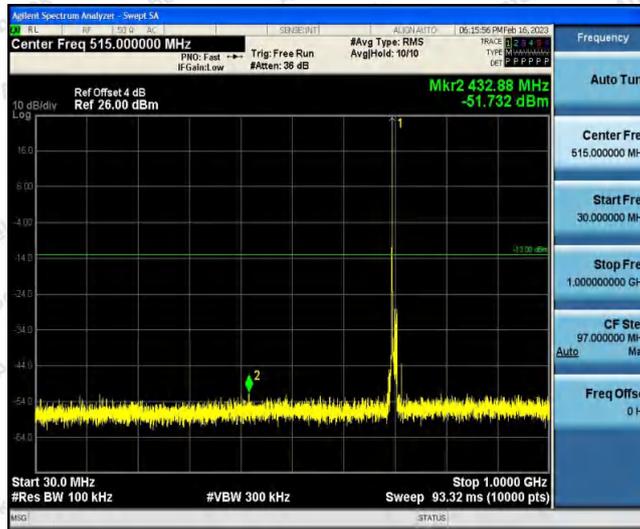


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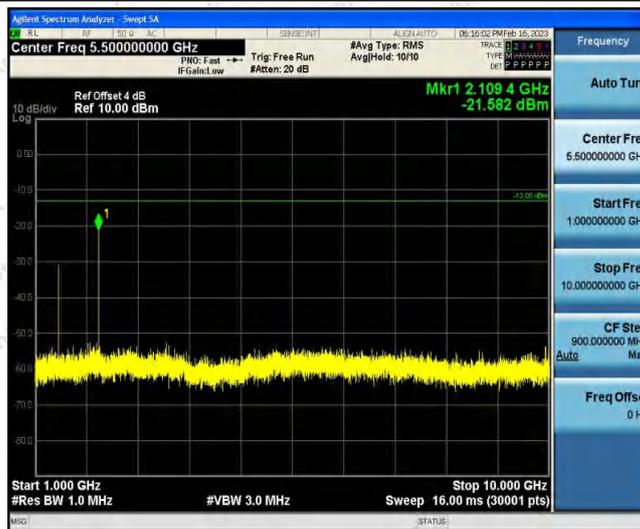




Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz

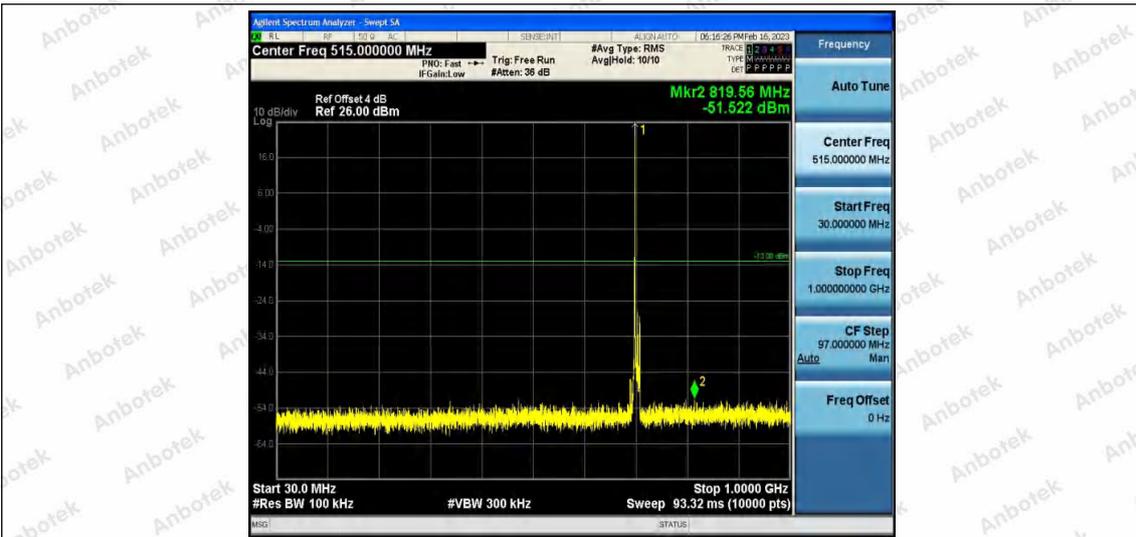
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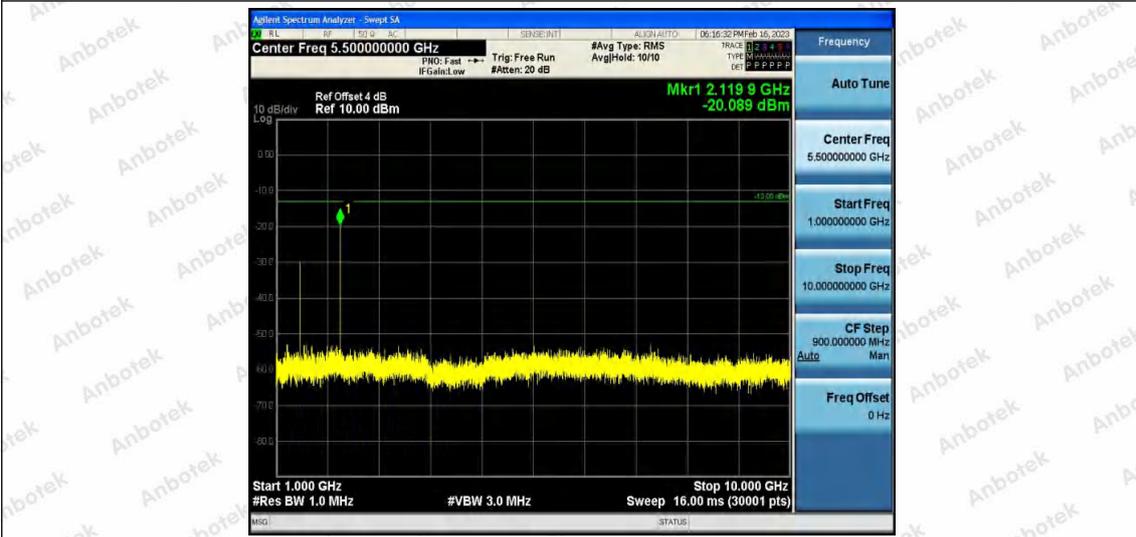


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Band12-10MHz-16QAM-23130-1RB#0-Range2: 1000~10000MHz



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Appendix F: Frequency stability VS Voltage measurement

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1 2	1.4MHz	QPSK	23017	6RB#0	VL	NT	-2.10	-0.003001	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	VN	NT	-2.09	-0.002987	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	VH	NT	-2.42	-0.003459	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VL	NT	-12.46	-0.017611	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VN	NT	-18.15	-0.025654	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VH	NT	-9.70	-0.013710	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	VL	NT	14.51	0.020285	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	VN	NT	14.02	0.019600	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	VH	NT	19.27	0.026940	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	VL	NT	-3.28	-0.004688	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	VN	NT	-4.08	-0.005831	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	VH	NT	-3.26	-0.004659	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VL	NT	-2.33	-0.003293	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VN	NT	-2.78	-0.003929	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VH	NT	-3.91	-0.005527	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	VL	NT	-3.63	-0.005075	±2.5	PASS



Band1 2	1.4MHz	16QAM	23173	6RB#0	VN	NT	-2.46	-0.003439	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	VH	NT	-2.09	-0.002922	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VL	NT	3.56	0.005082	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VN	NT	3.88	0.005539	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VH	NT	4.01	0.005724	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VL	NT	5.06	0.007152	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VN	NT	6.19	0.008749	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VH	NT	4.76	0.006728	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VL	NT	4.86	0.006802	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VN	NT	5.64	0.007894	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VH	NT	4.79	0.006704	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VL	NT	3.26	0.004654	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VN	NT	3.38	0.004825	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VH	NT	4.59	0.006552	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VL	NT	2.23	0.003152	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VN	NT	5.94	0.008396	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VH	NT	4.81	0.006799	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VL	NT	4.53	0.006340	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VN	NT	6.14	0.008593	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VH	NT	5.42	0.007586	±2.5	PASS

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Band1 2	5MHz	QPSK	23035	25RB#0	VL	NT	4.53	0.006458	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VN	NT	3.98	0.005674	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VH	NT	4.72	0.006728	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VL	NT	2.68	0.003788	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VN	NT	-2.06	-0.002912	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VH	NT	2.09	0.002954	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VL	NT	3.85	0.005396	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VN	NT	3.89	0.005452	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VH	NT	4.15	0.005816	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VL	NT	2.37	0.003378	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VN	NT	3.81	0.005431	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VH	NT	2.20	0.003136	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VL	NT	5.44	0.007689	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VN	NT	2.98	0.004212	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VH	NT	2.32	0.003279	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VL	NT	2.86	0.004008	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VN	NT	1.69	0.002369	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VH	NT	1.46	0.002046	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	2.06	0.002926	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	1.83	0.002599	±2.5	PASS



Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	2.90	0.004119	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	4.08	0.005767	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VN	NT	1.97	0.002784	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VH	NT	4.33	0.006120	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	2.35	0.003305	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	2.02	0.002841	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-1.17	-0.001646	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VL	NT	4.28	0.006080	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VN	NT	-2.23	-0.003168	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VH	NT	3.38	0.004801	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VL	NT	-2.65	-0.003746	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VN	NT	3.78	0.005343	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VH	NT	2.79	0.003943	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VL	NT	1.83	0.002574	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VN	NT	-2.37	-0.003333	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VH	NT	-1.34	-0.001885	±2.5	PASS

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Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-3.45	-0.004931	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-0.99	-0.001415	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-2.40	-0.003430	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-2.22	-0.003173	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	1.65	0.002358	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-7.94	-0.011223	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-4.65	-0.006572	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-3.96	-0.005597	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-5.31	-0.007505	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-3.23	-0.004565	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	15.66	0.021893	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	9.83	0.013742	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	5.44	0.007605	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	2.10	0.002936	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	2.62	0.003663	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-2.66	-0.003802	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-1.92	-0.002744	±2.5	PASS

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Band12	z	M								
Band12	1.4MH z	16QA M	23017	6RB#0	NV	0	-1.96	-0.002801	±2.5	PASS
Band12	1.4MH z	16QA M	23017	6RB#0	NV	10	2.02	0.002887	±2.5	PASS
Band12	1.4MH z	16QA M	23017	6RB#0	NV	20	-2.39	-0.003416	±2.5	PASS
Band12	1.4MH z	16QA M	23095	6RB#0	NV	-30	-3.02	-0.004269	±2.5	PASS
Band12	1.4MH z	16QA M	23095	6RB#0	NV	-20	-2.52	-0.003562	±2.5	PASS
Band12	1.4MH z	16QA M	23095	6RB#0	NV	0	-2.30	-0.003251	±2.5	PASS
Band12	1.4MH z	16QA M	23095	6RB#0	NV	10	-2.43	-0.003435	±2.5	PASS
Band12	1.4MH z	16QA M	23095	6RB#0	NV	20	-4.52	-0.006389	±2.5	PASS
Band12	1.4MH z	16QA M	23173	6RB#0	NV	-30	-3.68	-0.005145	±2.5	PASS
Band12	1.4MH z	16QA M	23173	6RB#0	NV	-20	-2.52	-0.003523	±2.5	PASS
Band12	1.4MH z	16QA M	23173	6RB#0	NV	0	-4.66	-0.006515	±2.5	PASS
Band12	1.4MH z	16QA M	23173	6RB#0	NV	10	-3.89	-0.005438	±2.5	PASS
Band12	1.4MH z	16QA M	23173	6RB#0	NV	20	-3.22	-0.004502	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	4.18	0.005967	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	4.31	0.006153	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	4.58	0.006538	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	4.65	0.006638	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	4.85	0.006924	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	4.22	0.005965	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	4.84	0.006841	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	3.35	0.004735	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	3.79	0.005357	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	4.96	0.007011	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	4.99	0.006984	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	3.93	0.005500	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	3.69	0.005164	±2.5	PASS

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Band12	3MHz	QPSK	23165	15RB#0	NV	10	5.49	0.007684	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	4.99	0.006984	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	4.46	0.006367	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	1.29	0.001842	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	1.86	0.002655	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	3.19	0.004554	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	2.83	0.004040	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-30	3.99	0.005640	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	4.66	0.006587	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	3.22	0.004551	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	3.95	0.005583	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	3.36	0.004749	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	7.01	0.009811	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	7.15	0.010007	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	5.85	0.008188	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	5.04	0.007054	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	6.54	0.009153	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	4.31	0.006144	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	4.45	0.006344	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	5.61	0.007997	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	4.66	0.006643	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	4.53	0.006458	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	3.23	0.004565	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	1.36	0.001922	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	3.32	0.004693	±2.5	PASS

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Band12	5MHz	QPSK	23095	25RB#0	NV	10	4.05	0.005724	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	3.29	0.004650	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	1.67	0.002341	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	3.16	0.004429	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-2.26	-0.003167	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	2.82	0.003952	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	2.95	0.004135	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	2.65	0.003778	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	3.62	0.005160	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	2.55	0.003635	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	4.69	0.006686	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	3.05	0.004348	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	4.33	0.006120	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	3.81	0.005385	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	4.69	0.006629	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	5.11	0.007223	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	3.38	0.004777	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	3.75	0.005256	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	2.79	0.003910	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	3.18	0.004457	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	2.39	0.003350	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	3.36	0.004709	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	2.53	0.003594	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	4.52	0.006420	±2.5	PASS

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Band12	z	10MH	QPSK	23060	50RB#0	NV	0	4.49	0.006378	±2.5	PASS
Band12	z	10MH	QPSK	23060	50RB#0	NV	10	2.02	0.002869	±2.5	PASS
Band12	z	10MH	QPSK	23060	50RB#0	NV	20	2.20	0.003125	±2.5	PASS
Band12	z	10MH	QPSK	23095	50RB#0	NV	-30	1.92	0.002714	±2.5	PASS
Band12	z	10MH	QPSK	23095	50RB#0	NV	-20	4.25	0.006007	±2.5	PASS
Band12	z	10MH	QPSK	23095	50RB#0	NV	0	2.95	0.004170	±2.5	PASS
Band12	z	10MH	QPSK	23095	50RB#0	NV	10	-1.93	-0.002728	±2.5	PASS
Band12	z	10MH	QPSK	23095	50RB#0	NV	20	-1.65	-0.002332	±2.5	PASS
Band12	z	10MH	QPSK	23130	50RB#0	NV	-30	1.83	0.002574	±2.5	PASS
Band12	z	10MH	QPSK	23130	50RB#0	NV	-20	2.85	0.004008	±2.5	PASS
Band12	z	10MH	QPSK	23130	50RB#0	NV	0	-2.27	-0.003193	±2.5	PASS
Band12	z	10MH	QPSK	23130	50RB#0	NV	10	1.92	0.002700	±2.5	PASS
Band12	z	10MH	QPSK	23130	50RB#0	NV	20	1.10	0.001547	±2.5	PASS
Band12	z	10MH	16QA M	23060	50RB#0	NV	-30	4.23	0.006009	±2.5	PASS
Band12	z	10MH	16QA M	23060	50RB#0	NV	-20	3.78	0.005369	±2.5	PASS
Band12	z	10MH	16QA M	23060	50RB#0	NV	0	4.09	0.005810	±2.5	PASS
Band12	z	10MH	16QA M	23060	50RB#0	NV	10	2.89	0.004105	±2.5	PASS
Band12	z	10MH	16QA M	23060	50RB#0	NV	20	4.45	0.006321	±2.5	PASS
Band12	z	10MH	16QA M	23095	50RB#0	NV	-30	2.86	0.004042	±2.5	PASS
Band12	z	10MH	16QA M	23095	50RB#0	NV	-20	-1.87	-0.002643	±2.5	PASS

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Band12	z 10MH	M 16QA	23095	50RB#0	NV	0	2.68	0.003788	±2.5	PASS
Band12	z 10MH	M 16QA	23095	50RB#0	NV	10	-1.86	-0.002629	±2.5	PASS
Band12	z 10MH	M 16QA	23095	50RB#0	NV	20	2.29	0.003237	±2.5	PASS
Band12	z 10MH	M 16QA	23130	50RB#0	NV	-30	-2.99	-0.004205	±2.5	PASS
Band12	z 10MH	M 16QA	23130	50RB#0	NV	-20	-2.36	-0.003319	±2.5	PASS
Band12	z 10MH	M 16QA	23130	50RB#0	NV	0	-2.23	-0.003136	±2.5	PASS
Band12	z 10MH	M 16QA	23130	50RB#0	NV	10	-3.69	-0.005190	±2.5	PASS
Band12	z 10MH	M 16QA	23130	50RB#0	NV	20	-5.28	-0.007426	±2.5	PASS

--END--

