

Appendix Test Data

Report No.:	18220WC30024002	Test Sample No.:	1-2-2
Start Test Date:	2023.2.22	Finish Test Date:	2023.2.23
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3℃	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.99	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.08	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.17	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.13	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.13	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.20	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.08	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.08	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.05	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.92	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.03	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.08	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.93	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.93	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.73	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.76	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.83	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.78	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.72	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.73	PASS

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Band7	5MHz	16QAM	20775	1RB#0	21.25	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.46	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.14	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.03	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.11	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.09	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.03	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.17	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.04	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.06	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.14	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.99	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.03	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.73	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.79	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.91	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.88	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.87	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.89	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.75	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.11	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.28	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.51	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.20	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.18	PASS
Band7	10MHz	QPSK	20800	25RB#25	19.66	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.11	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.44	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.23	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.09	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.18	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.03	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.03	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.05	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.86	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.01	PASS

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Band7	10MHz	QPSK	21400	25RB#0	21.79	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.76	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.80	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.74	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.65	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.12	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.50	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.06	PASS
Band7	10MHz	16QAM	20800	25RB#12	19.98	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.31	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.18	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.30	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.26	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.99	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.14	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.11	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.10	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.20	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.45	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.86	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.63	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.74	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.77	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.92	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.85	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.12	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.32	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.59	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.18	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.21	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.19	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.18	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.27	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.01	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.88	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.98	PASS

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Band7	15MHz	QPSK	21100	38RB#18	20.99	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.97	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.03	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.46	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.77	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.96	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.66	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.69	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.71	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.72	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.23	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.32	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.33	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.22	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.20	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.19	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.23	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.19	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.97	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.93	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.99	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.98	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.04	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.14	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.27	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.46	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.76	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.68	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.70	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.71	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.75	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.93	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.40	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.48	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.12	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.37	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.57	PASS

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Band7	20MHz	QPSK	20850	100RB#0	21.38	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.26	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.09	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.92	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.93	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.09	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.11	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.96	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.31	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.76	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.84	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.36	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.50	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.68	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.51	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.10	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.80	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.42	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.22	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.22	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.48	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.37	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.30	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.06	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.04	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.11	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.11	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.04	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.69	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.31	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.57	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.47	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.41	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.77	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.61	PASS

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

Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.23	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.98	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.27	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.96	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.24	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.92	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.18	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.86	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.30	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.89	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.30	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.91	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.18	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.05	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.55	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.03	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.29	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.02	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.26	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.91	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.32	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.95	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.32	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.91	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.16	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.24	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.51	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.25	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.36	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.24	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.12	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.05	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.28	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.99	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.37	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.03	13	PASS



Band7	20MHz	QPSK	20850	1RB#0	4.44	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.01	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.34	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.13	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.32	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.07	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.12	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.96	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.37	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.00	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.22	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.95	13	PASS

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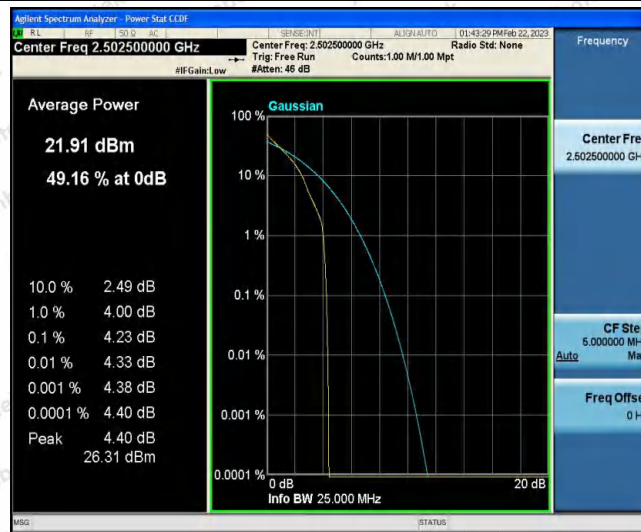


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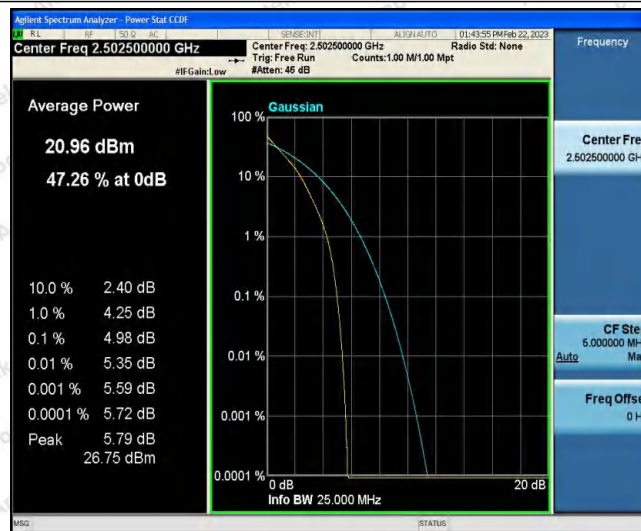


Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21100-1RB#0

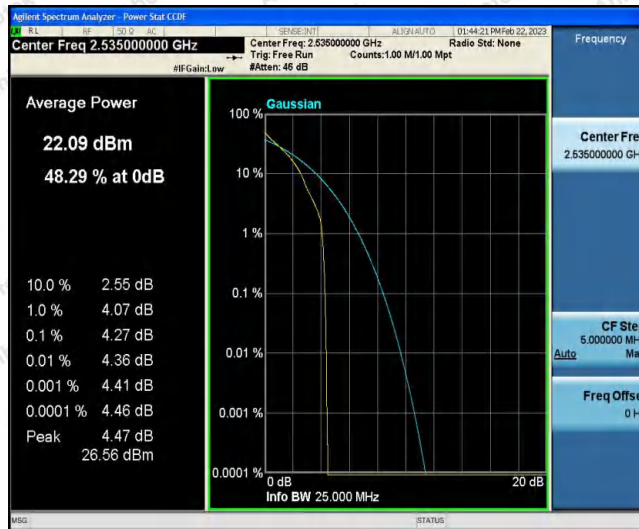
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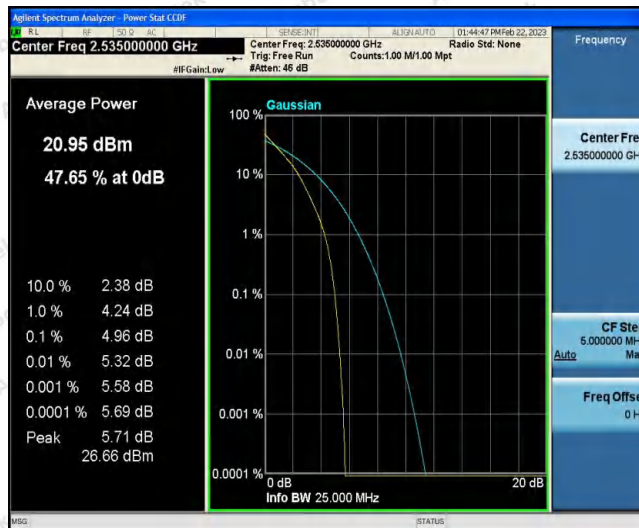


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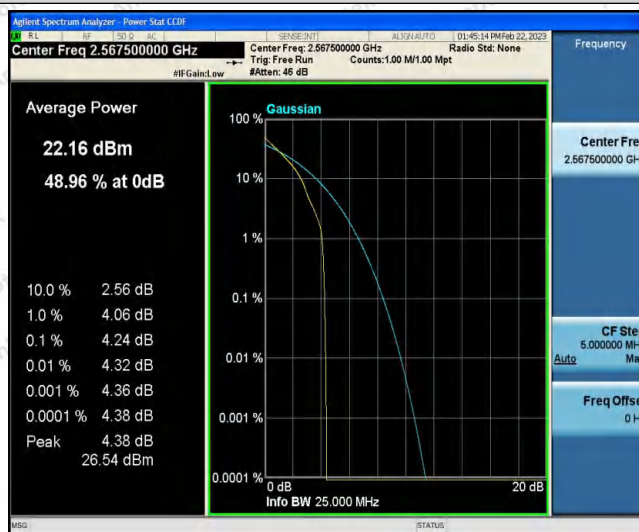




Band7-5MHz-QPSK-21100-25RB#0



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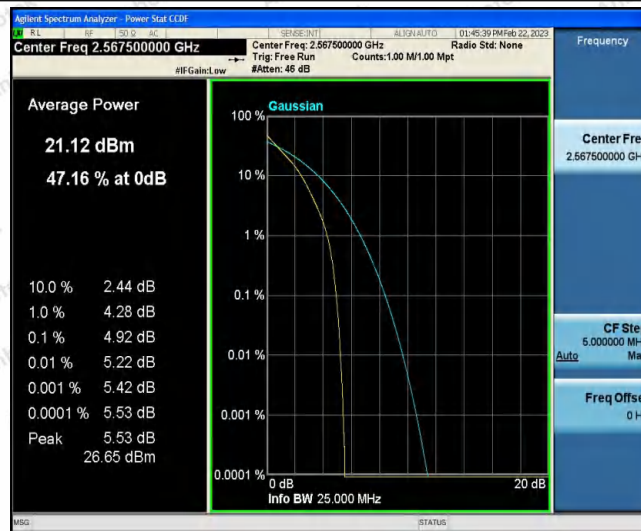
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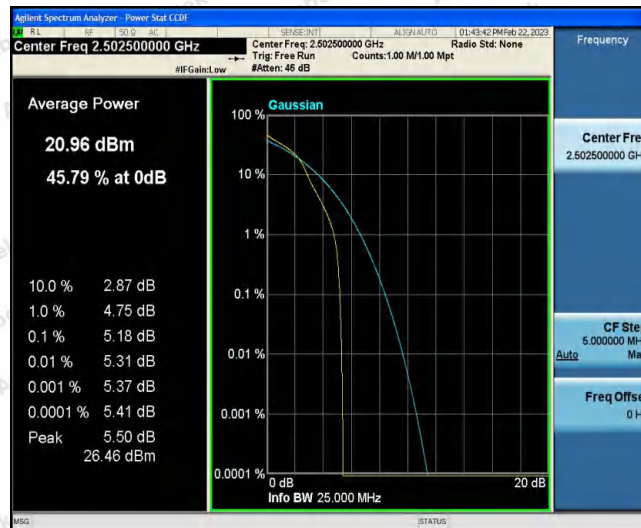


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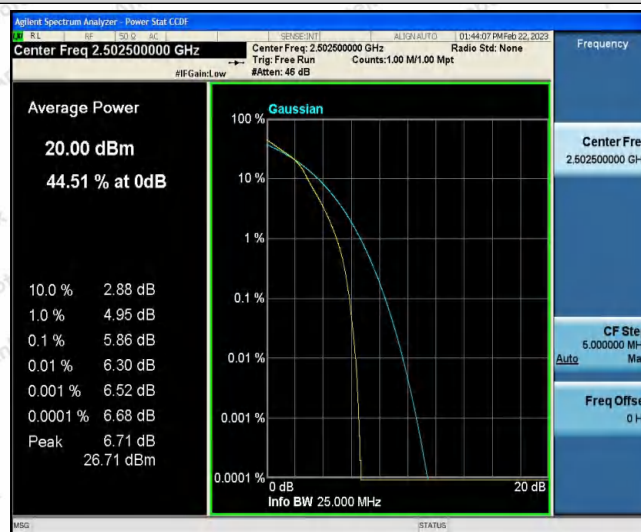




Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21100-1RB#0

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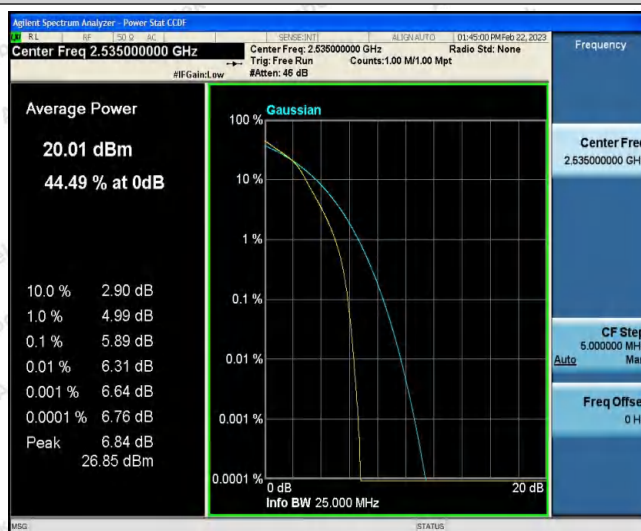


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Band7-5MHz-16QAM-21100-25RB#0



Band7-5MHz-16QAM-21425-1RB#0



Band7-5MHz-16QAM-21425-25RB#0

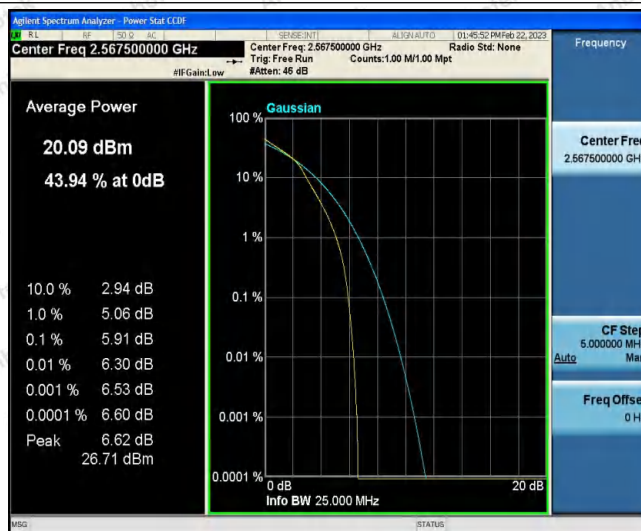
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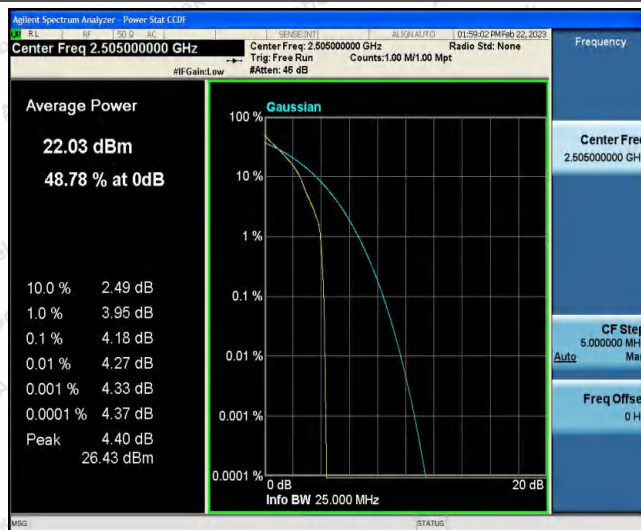


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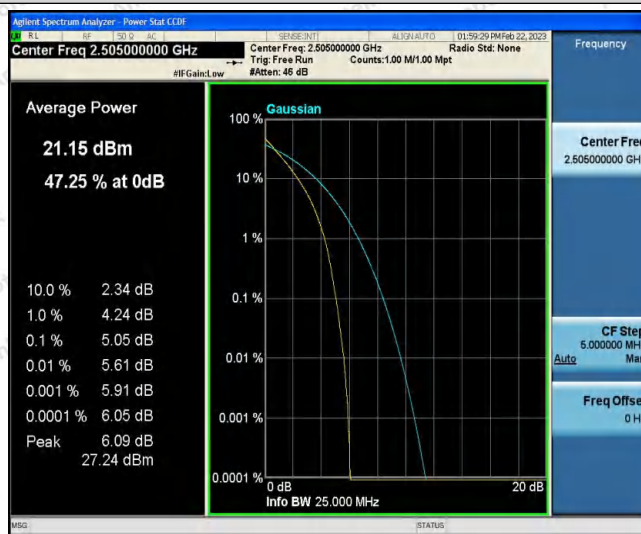




Band7-10MHz-QPSK-20800-1RB#0

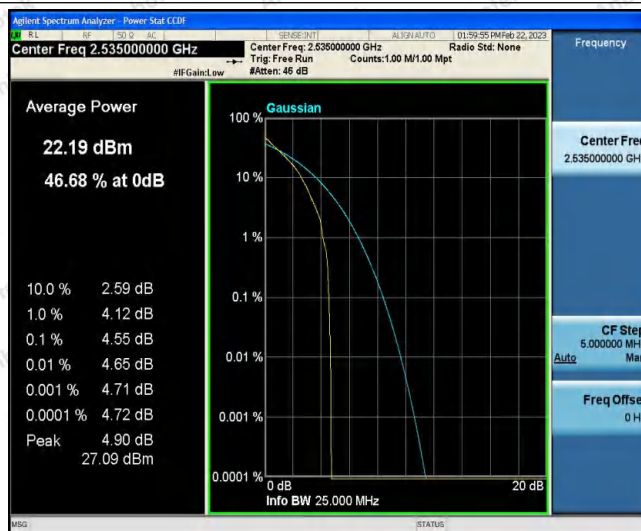


Band7-10MHz-QPSK-20800-50RB#0

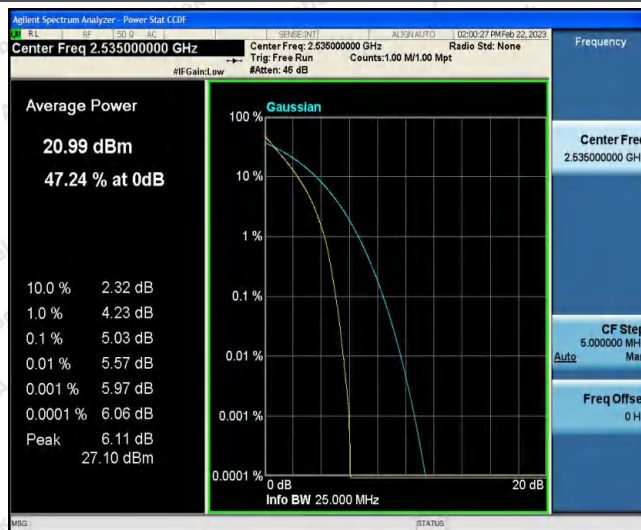


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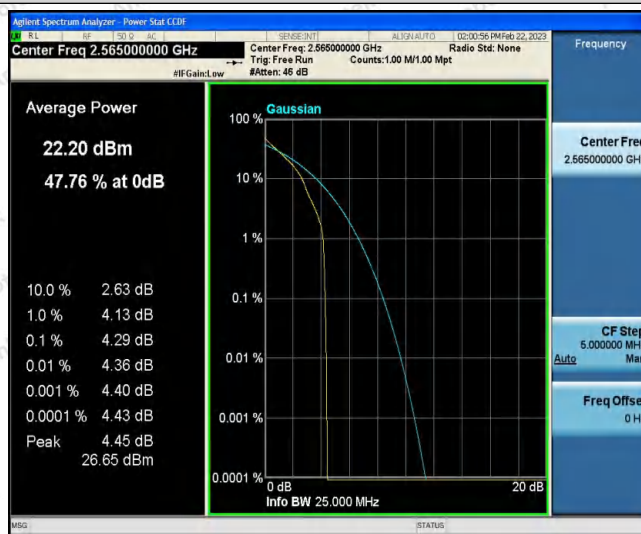




Band7-10MHz-QPSK-21100-50RB#0



Band7-10MHz-QPSK-21400-1RB#0



Band7-10MHz-QPSK-21400-50RB#0

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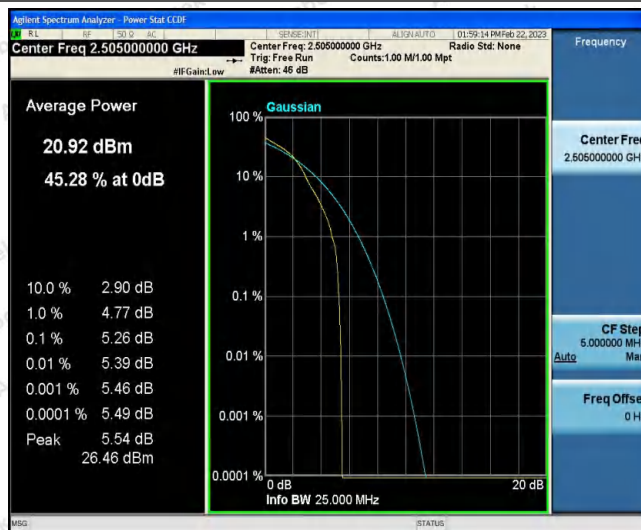


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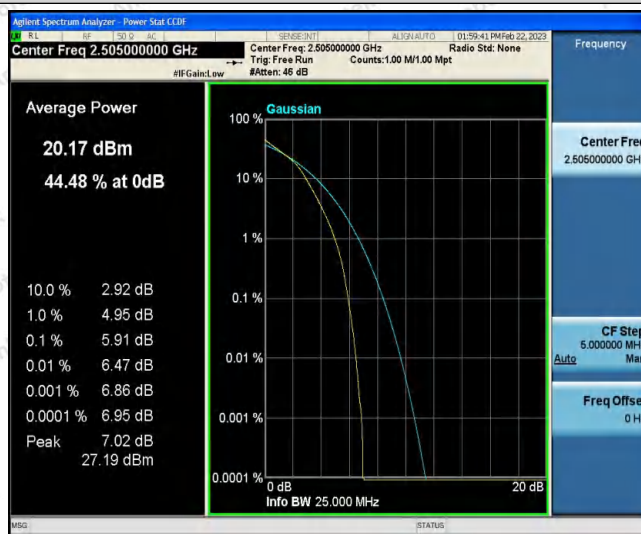




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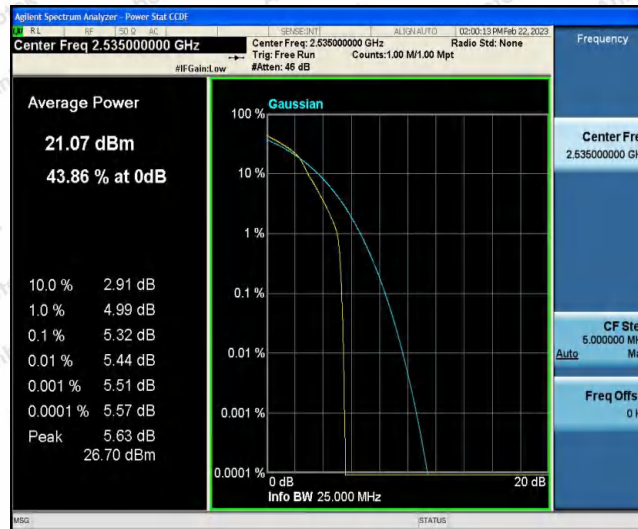
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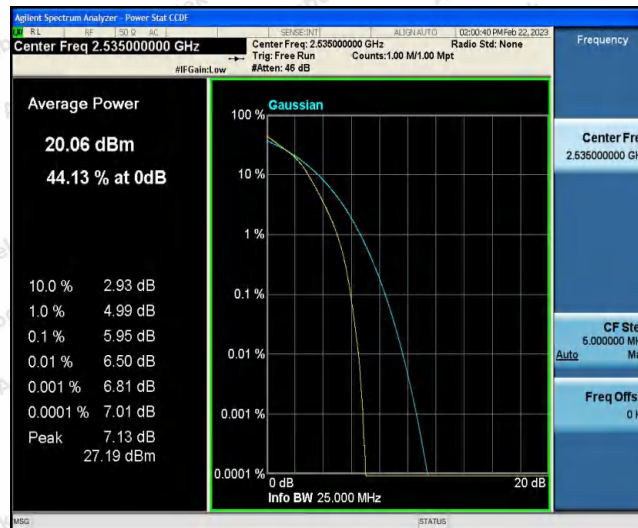


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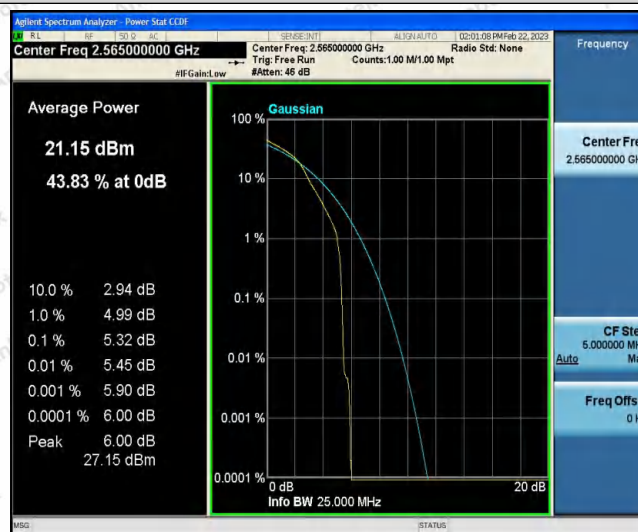




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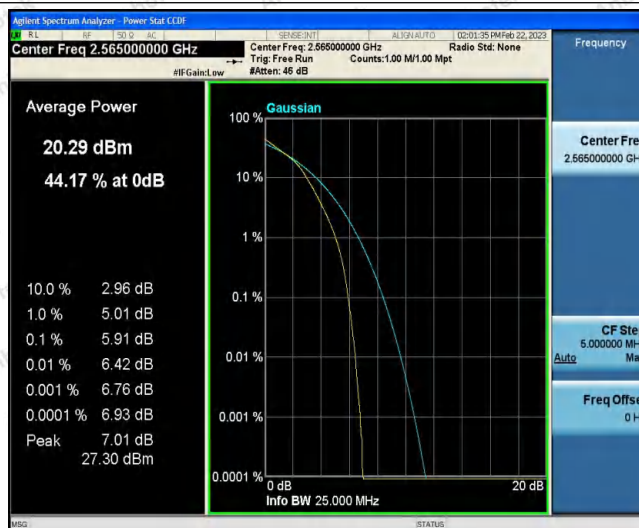


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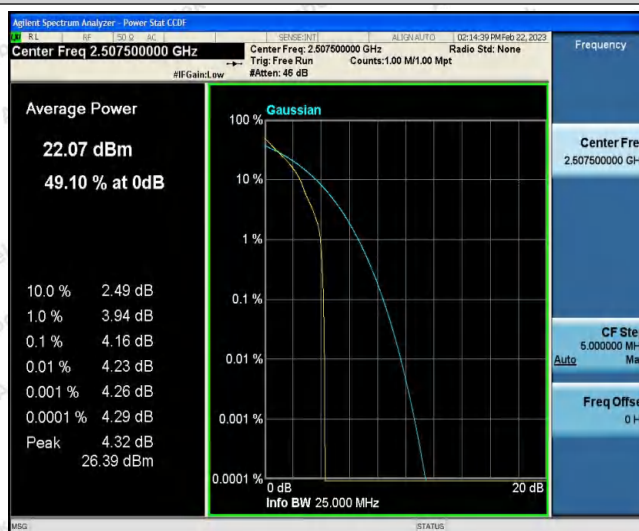


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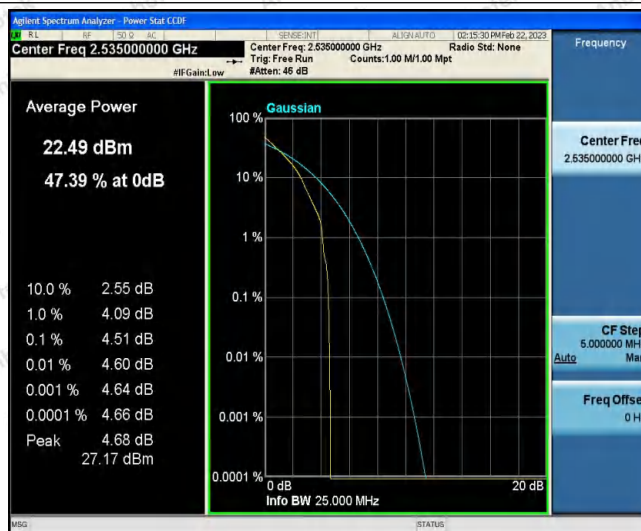


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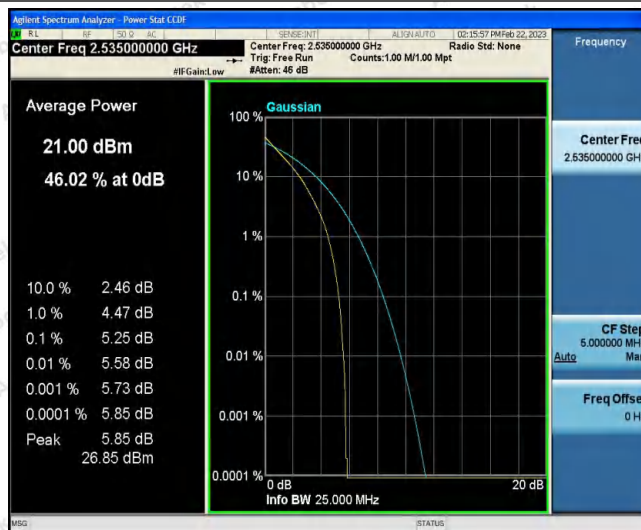


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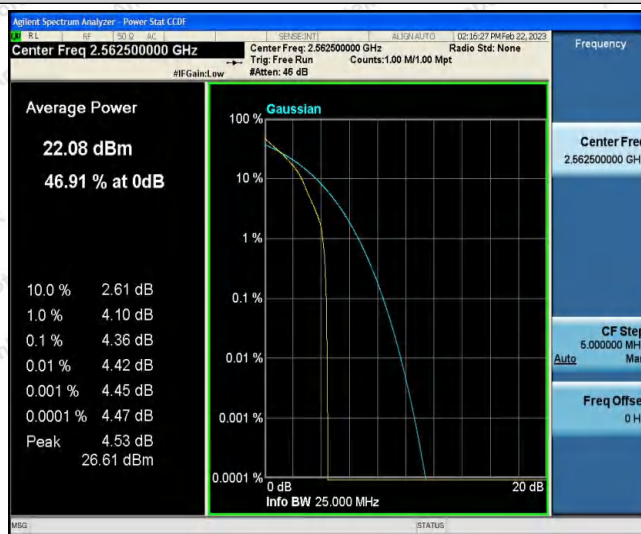




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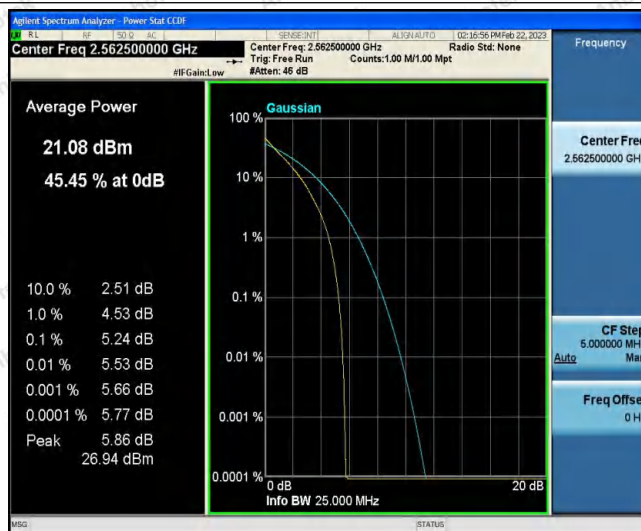


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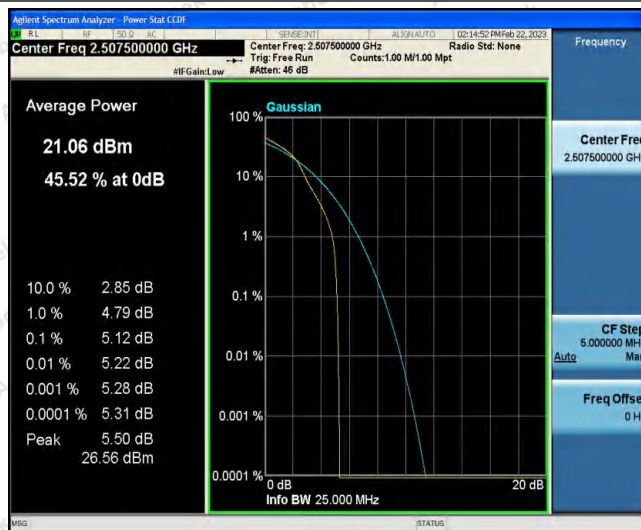


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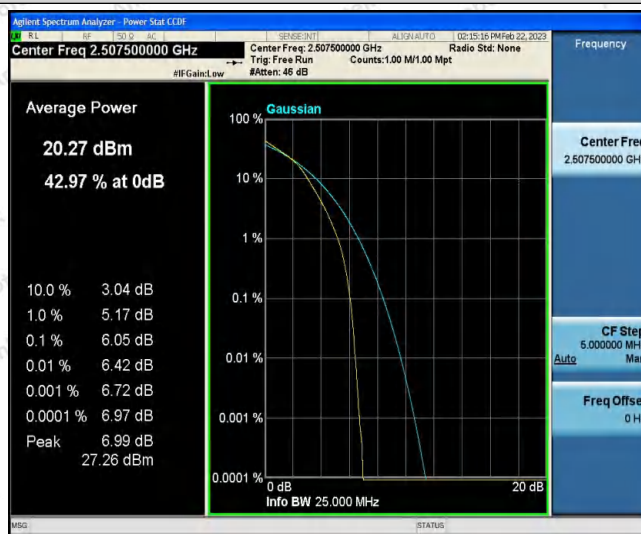




Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-75RB#0



Band7-15MHz-16QAM-21100-1RB#0

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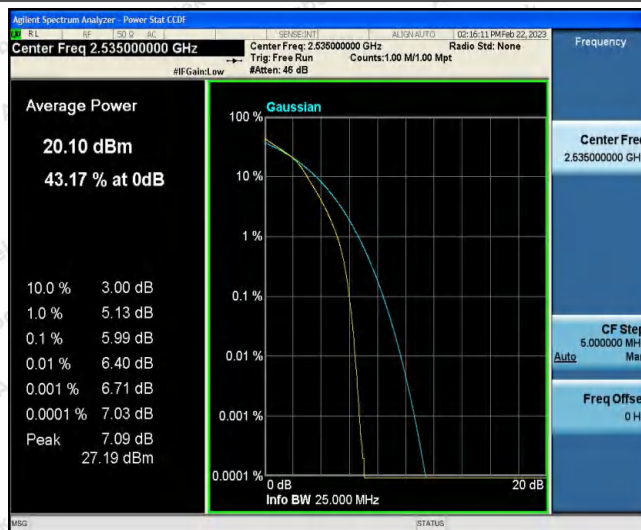


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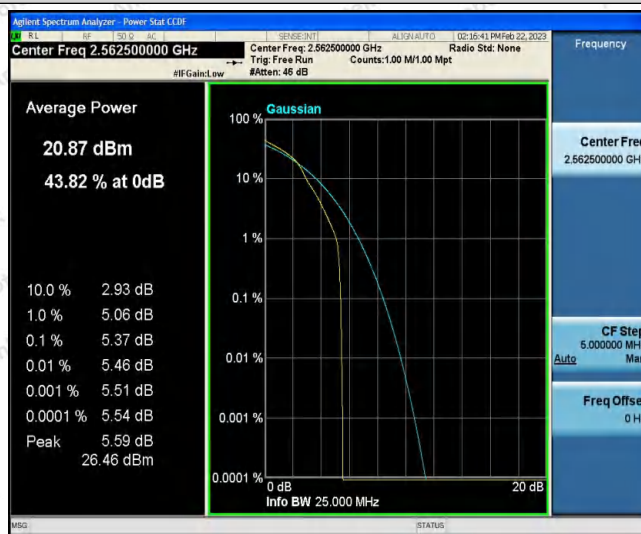




Band7-15MHz-16QAM-21100-75RB#0



Band7-15MHz-16QAM-21375-1RB#0



Band7-15MHz-16QAM-21375-75RB#0

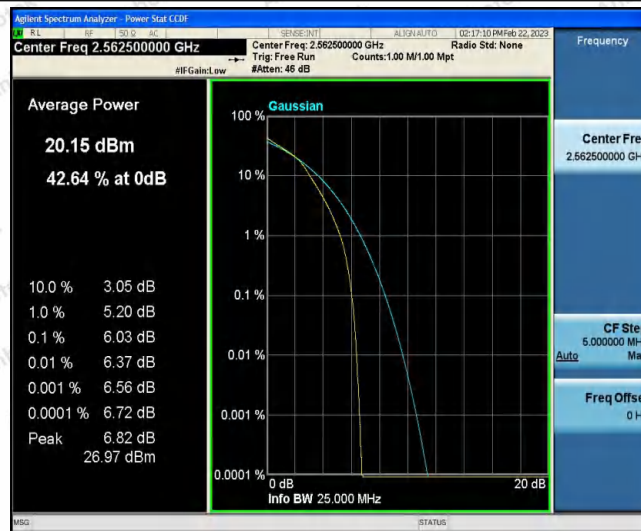
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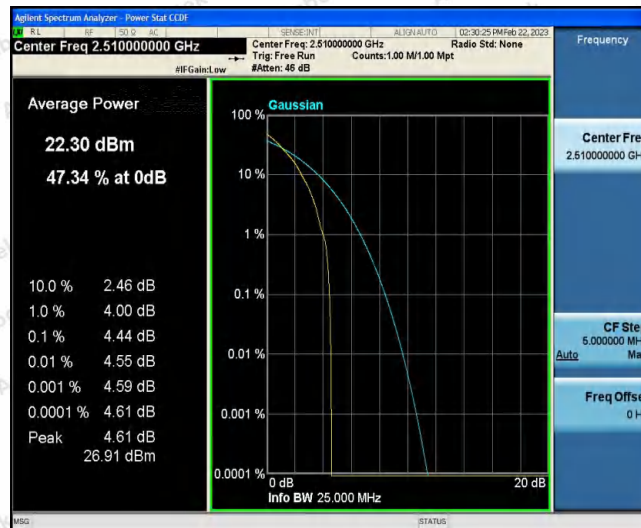


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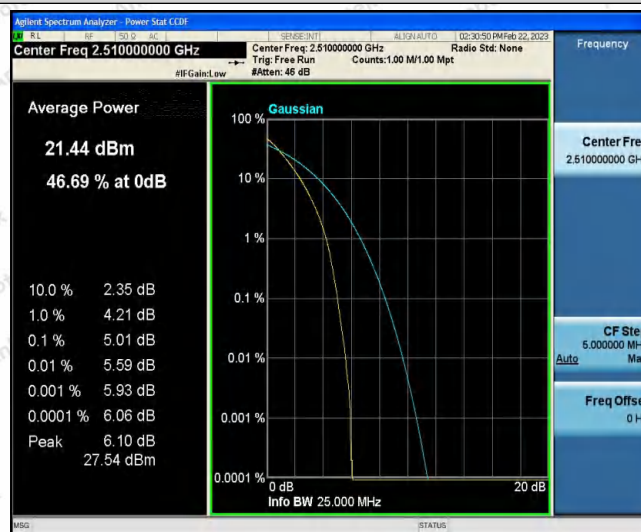




Band7-20MHz-QPSK-20850-1RB#0



Band7-20MHz-QPSK-20850-100RB#0



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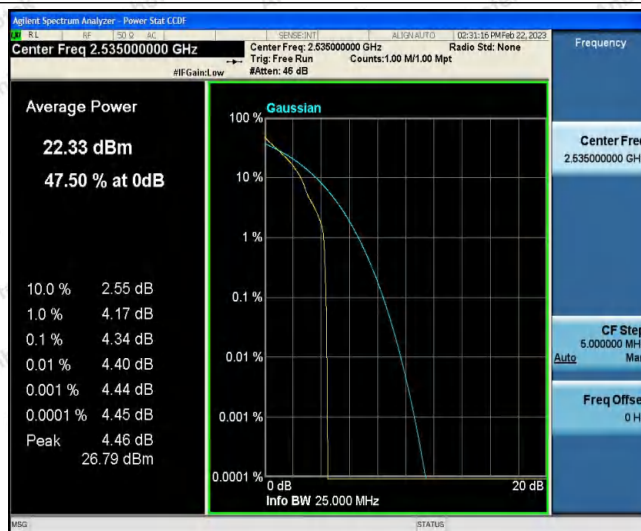
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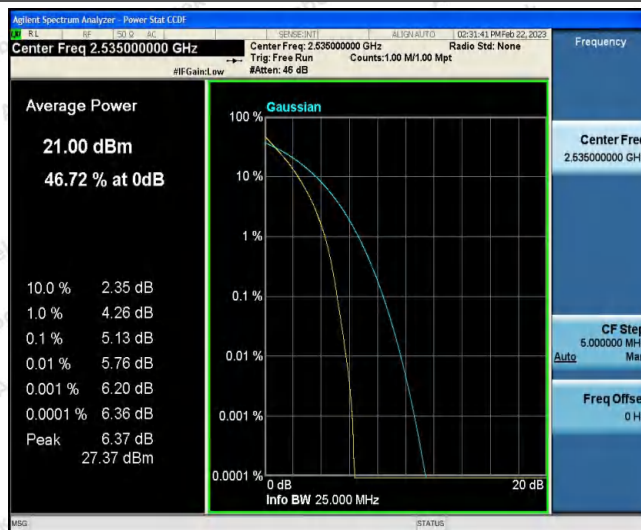


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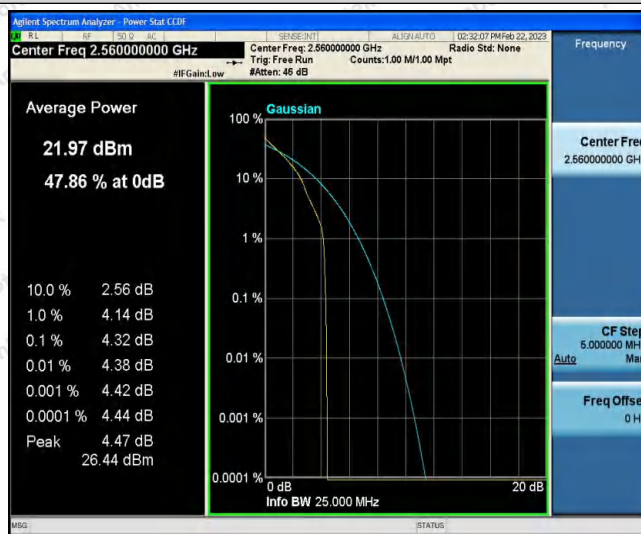




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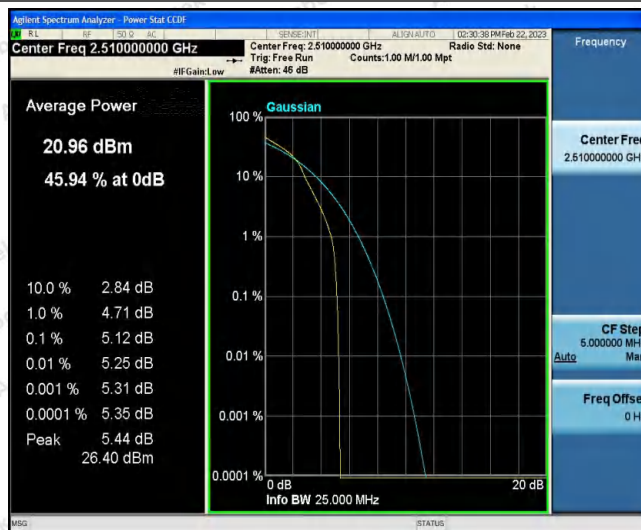


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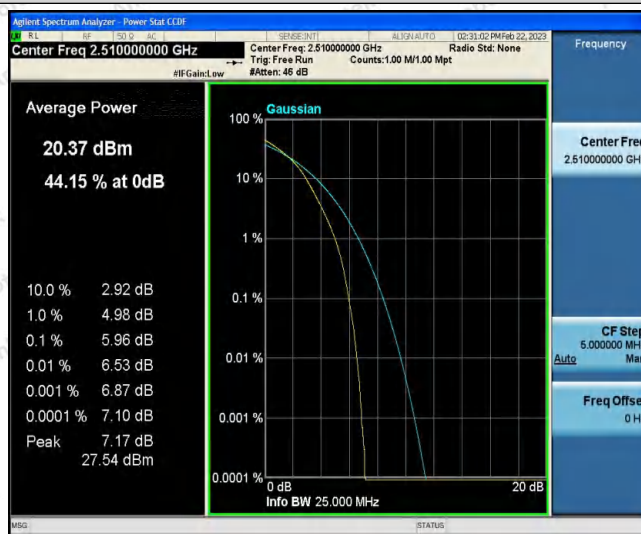




Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-1RB#0

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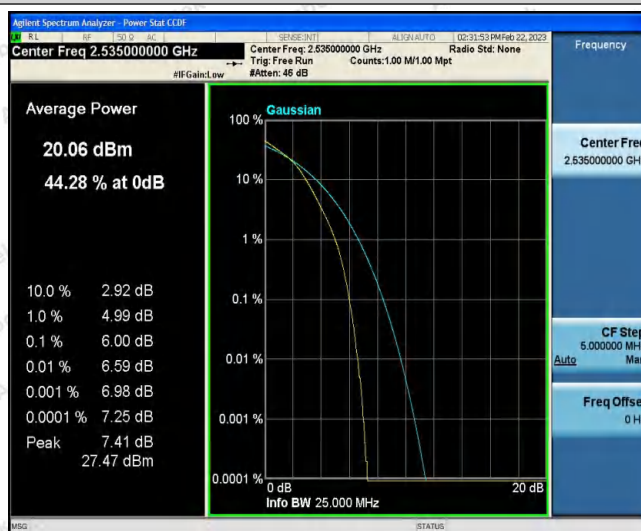


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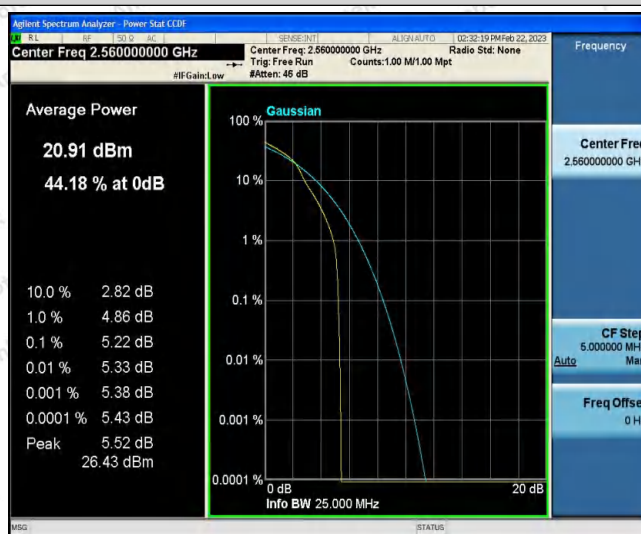




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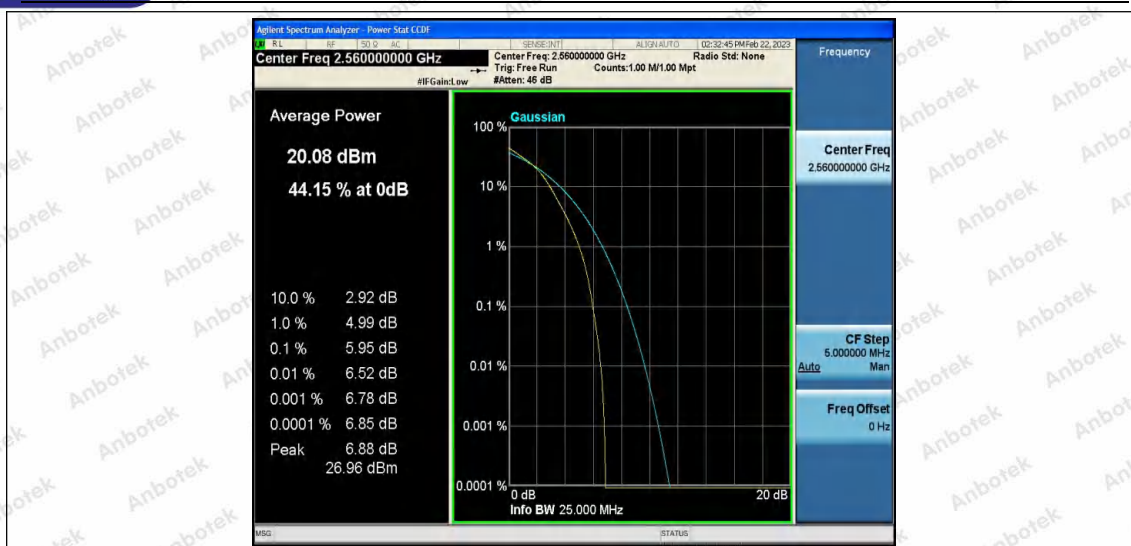


Band7-20MHz-16QAM-21350-1RB#0



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Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5000	4.868	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5027	4.884	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5078	4.881	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4982	4.884	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4962	4.896	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5012	4.885	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9710	9.534	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9696	9.571	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9564	9.560	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9567	9.522	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9645	9.532	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9681	9.528	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.443	14.22	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.458	14.25	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.438	14.25	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.445	14.25	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.453	14.26	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.439	14.26	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.873	18.92	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.922	18.98	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.869	18.95	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.887	18.95	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.939	19.01	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.879	18.96	PASS

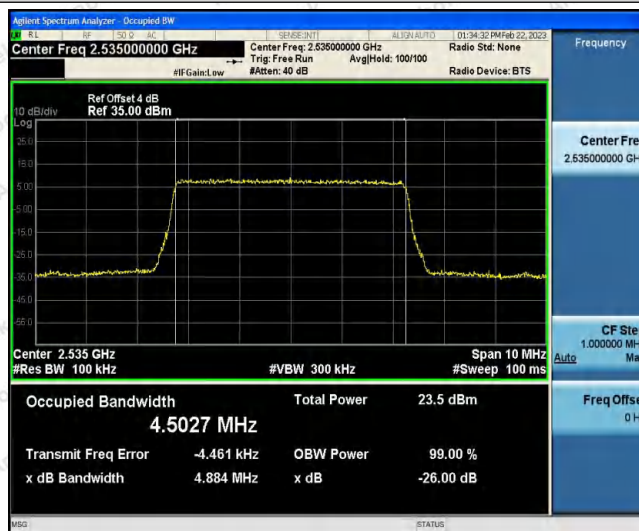


Test Graphs

Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21100-25RB#0



Band7-5MHz-QPSK-21425-25RB#0

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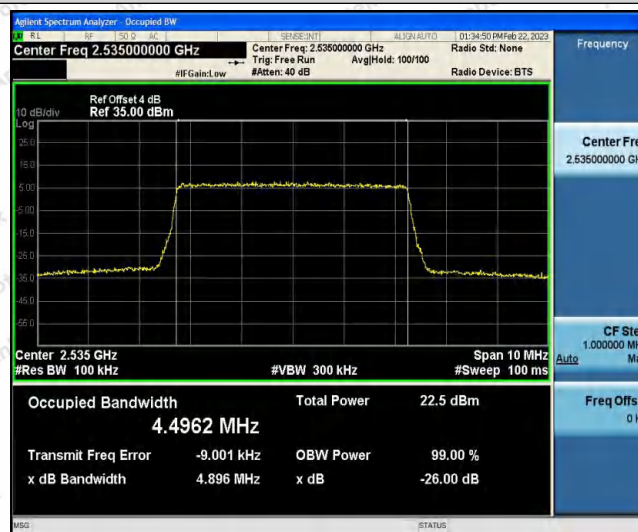




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Band7-5MHz-16QAM-21100-25RB#0



Band7-5MHz-16QAM-21425-25RB#0

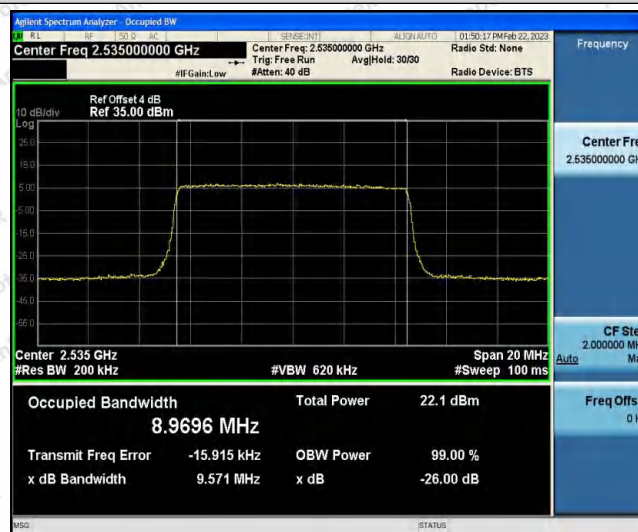




Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-50RB#0



Band7-10MHz-QPSK-21400-50RB#0

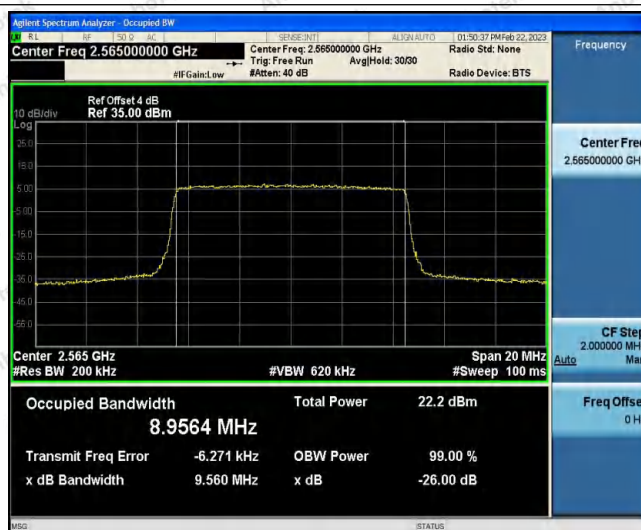
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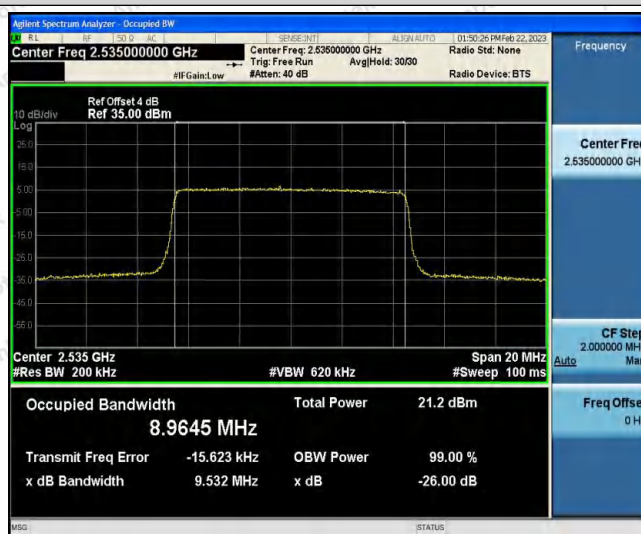




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Band7-10MHz-16QAM-21100-50RB#0



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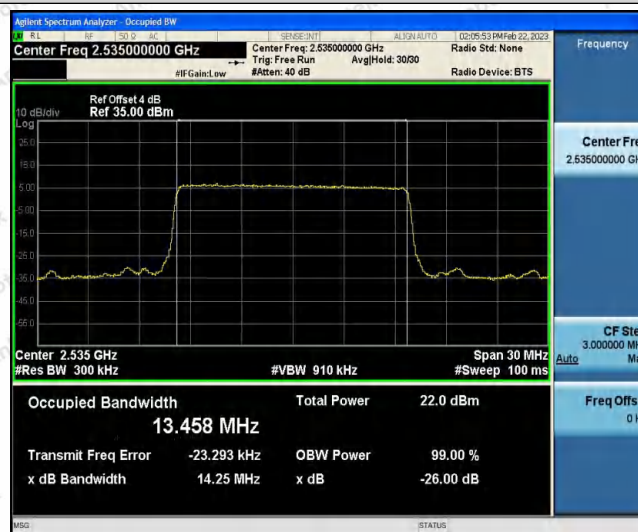




Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-75RB#0

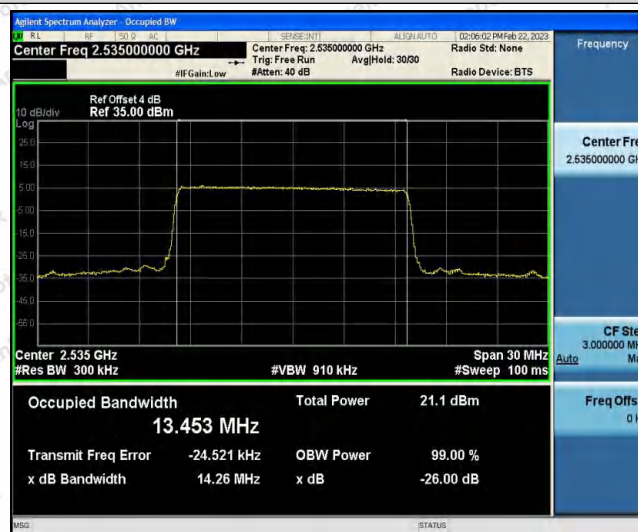




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Band7-15MHz-16QAM-21100-75RB#0



Band7-15MHz-16QAM-21375-75RB#0

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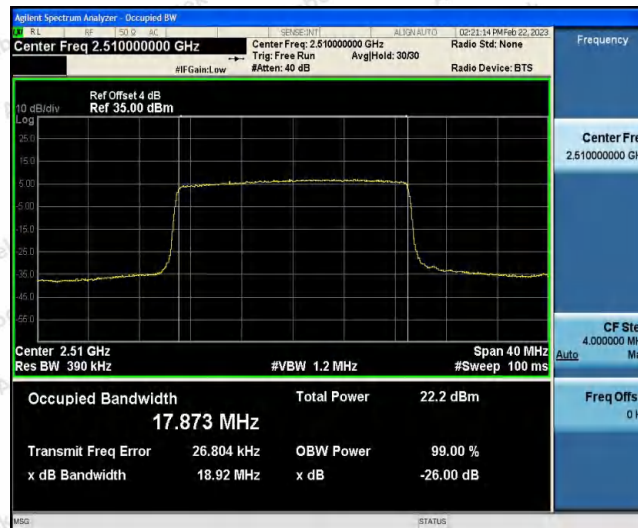


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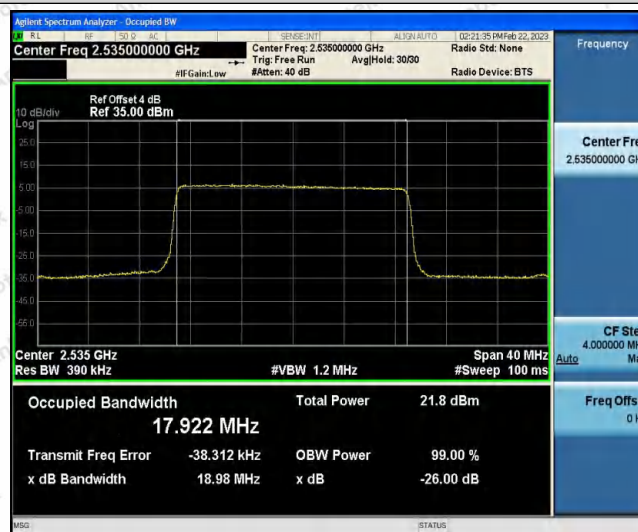




Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-QPSK-21350-100RB#0

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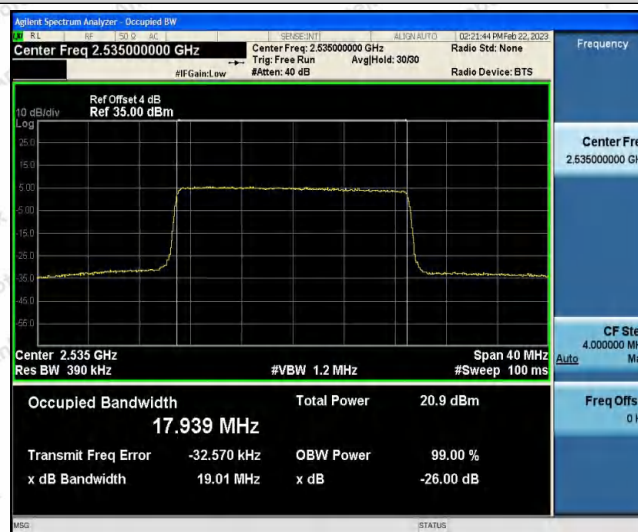




Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0

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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-47.94,-40.04,-13.81	PASS
Band7	5MHz	QPSK	20775	1RB#24	-53.99,-29.24,-49.21	PASS
Band7	5MHz	QPSK	20775	25RB#0	-40.46,-34.97,-34.06,-22.27	PASS
Band7	5MHz	QPSK	21425	1RB#0	-48.91,-25.71,-53.78,-53.92	PASS
Band7	5MHz	QPSK	21425	1RB#24	-13.92,-37.56,-52.20,-47.49	PASS
Band7	5MHz	QPSK	21425	25RB#0	-23.61,-33.99,-39.99,-41.06	PASS
Band7	5MHz	16QAM	20775	1RB#0	-47.92,-40.65,-39.58,-12.34	PASS
Band7	5MHz	16QAM	20775	1RB#24	-54.21,-30.46,-30.46,-51.80	PASS
Band7	5MHz	16QAM	20775	25RB#0	-41.39,-37.16,-32.26,-22.53	PASS
Band7	5MHz	16QAM	21425	1RB#0	-50.57,-27.14,-53.97,-53.36	PASS
Band7	5MHz	16QAM	21425	1RB#24	-15.54,-39.76,-52.26,-49.99	PASS
Band7	5MHz	16QAM	21425	25RB#0	-24.98,-32.85,-40.09,-41.93	PASS

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Band7	10MHz	QPSK	20800	1RB#0	-47.17,-38.1 9,-37.63,-21 .71	PASS
Band7	10MHz	QPSK	20800	1RB#49	-52.08,-28.1 1,-43.82,-45 .37	PASS
Band7	10MHz	QPSK	20800	50RB#0	-41.29,-34.7 8,-35.39,-27 .89	PASS
Band7	10MHz	QPSK	21400	1RB#0	-47.42,-43.8 9,-29.31,-51 .88	PASS
Band7	10MHz	QPSK	21400	1RB#49	-22.16,-35.1 9,-37.19,-51 .10	PASS
Band7	10MHz	QPSK	21400	50RB#0	-27.50,-33.5 7,-34.39,-41 .85	PASS
Band7	10MHz	16QAM	20800	1RB#0	-48.53,-38.9 2,-38.47,-22 .24	PASS
Band7	10MHz	16QAM	20800	1RB#49	-51.98,-28.9 1,-44.42,-45 .36	PASS
Band7	10MHz	16QAM	20800	50RB#0	-40.54,-35.2 3,-33.03,-27 .61	PASS
Band7	10MHz	16QAM	21400	1RB#0	-46.22,-44.3 6,-30.09,-51 .68	PASS
Band7	10MHz	16QAM	21400	1RB#49	-22.23,-35.9 0,-38.89,-49 .37	PASS
Band7	10MHz	16QAM	21400	50RB#0	-28.06,-32.1 9,-34.94,-40 .42	PASS
Band7	15MHz	QPSK	20825	1RB#0	-34.74,-33.8 0,-39.59,-19 .56	PASS
Band7	15MHz	QPSK	20825	1RB#74	-19.24,-38.7 1,-34.49,-50 .15	PASS
Band7	15MHz	QPSK	20825	75RB#0	-35.90,-34.1 9,-32.29,-30	PASS

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					.41	
Band7	15MHz	QPSK	21375	1RB#0	-44.39,-50.1 3,-32.17,-50	PASS
					.12	
Band7	15MHz	QPSK	21375	1RB#74	-19.24,-38.7 1,-34.49,-50	PASS
					.15	
Band7	15MHz	QPSK	21375	75RB#0	-29.47,-30.7 4,-32.89,-41	PASS
					.07	
Band7	15MHz	16QAM	20825	1RB#0	-39.00,-36.4 3,-39.05,-19	PASS
					.01	
Band7	15MHz	16QAM	20825	1RB#74	-33.65,-45.1 3,-50.23,-45	PASS
					.45	
Band7	15MHz	16QAM	20825	75RB#0	-37.51,-34.6 0,-30.98,-30	PASS
					.11	
Band7	15MHz	16QAM	21375	1RB#0	-44.11,-49.8 3,-33.35,-50	PASS
					.20	
Band7	15MHz	16QAM	21375	1RB#74	-21.30,-40.9 2,-36.98,-50	PASS
					.45	
Band7	15MHz	16QAM	21375	75RB#0	-29.96,-29.2 3,-33.31,-40	PASS
					.98	
Band7	20MHz	QPSK	20850	1RB#0	-37.83,-31.6 7,-40.78,-22	PASS
					.15	
Band7	20MHz	QPSK	20850	1RB#99	-31.81,-42.9 1,-49.41,-48	PASS
					.91	
Band7	20MHz	QPSK	20850	100RB#0	-36.68,-36.1 9,-34.78,-32	PASS
					.08	
Band7	20MHz	QPSK	21350	1RB#0	-48.90,-49.0 0,-28.46,-49	PASS
					.18	
Band7	20MHz	QPSK	21350	1RB#99	-22.57,-40.6 2,-35.76,-48	PASS
					.87	
Band7	20MHz	QPSK	21350	100RB#0	-30.69,-32.8	PASS

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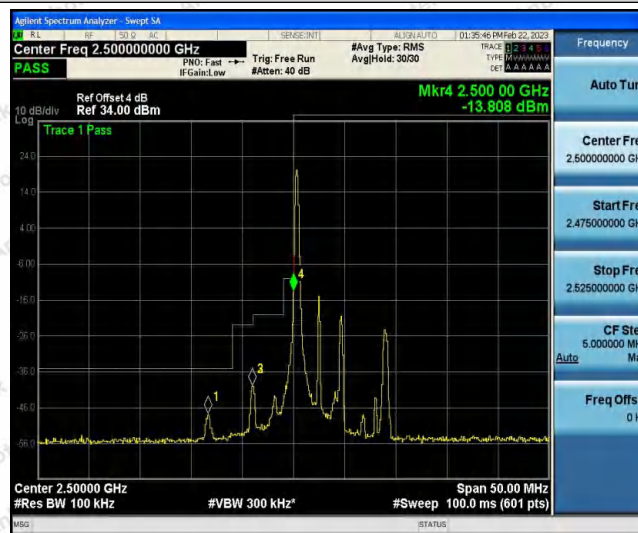
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Band7	20MHz	16QAM	20850	100RB#0	-36.35,-34.5 2,-33.59,-32 .07	PASS
Band7	20MHz	16QAM	21350	1RB#0	-48.28,-49.2 7,-29.69,-49 .26	PASS
Band7	20MHz	16QAM	21350	1RB#99	-24.50,-39.0 5,-35.20,-49 .19	PASS
Band7	20MHz	16QAM	21350	100RB#0	-29.94,-31.9 3,-33.17,-45 .88	PASS

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-1RB#24

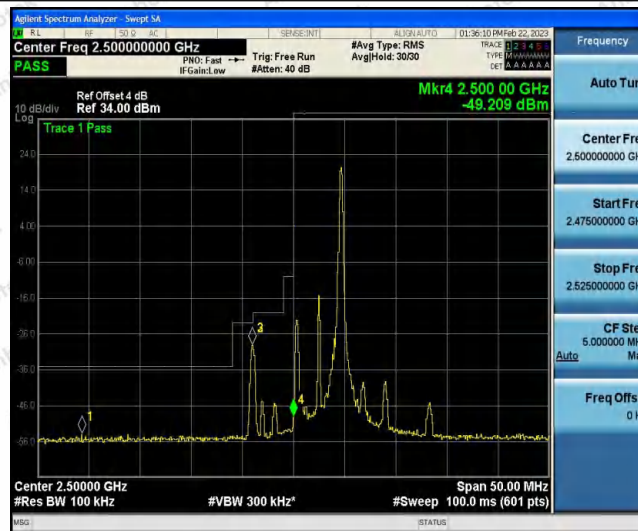
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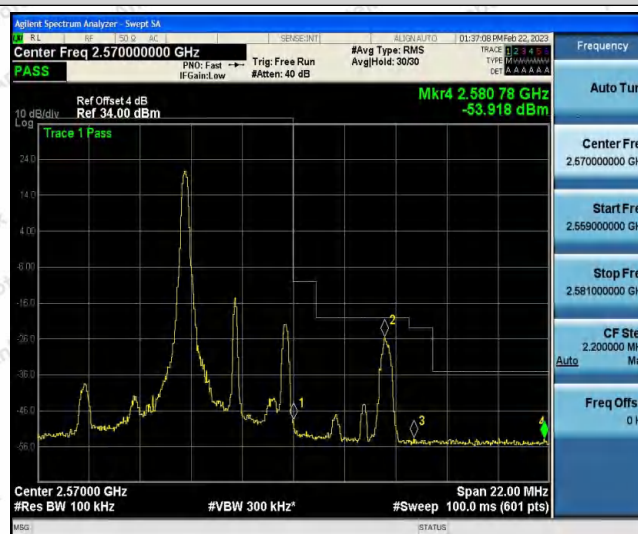




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Band7-5MHz-QPSK-21425-1RB#0



Band7-5MHz-QPSK-21425-1RB#24

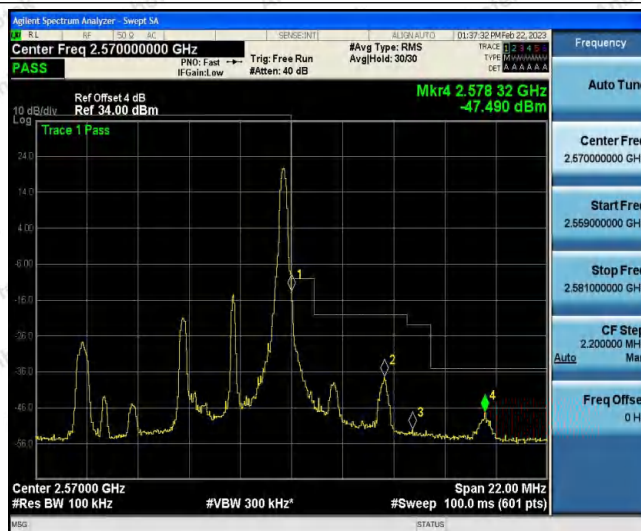
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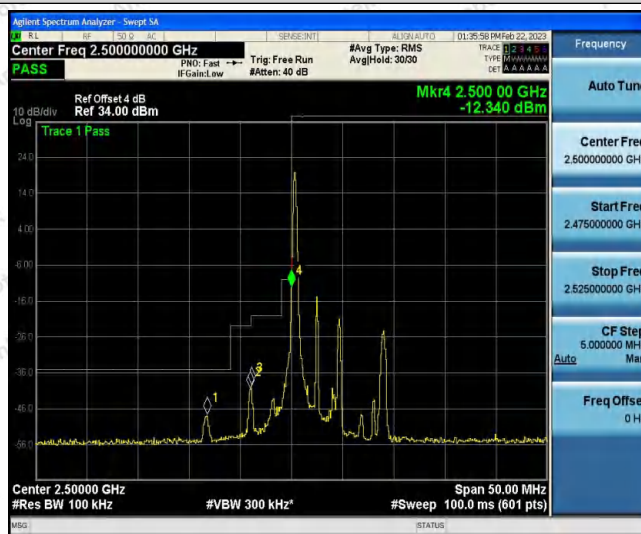




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Band7-5MHz-16QAM-20775-1RB#0



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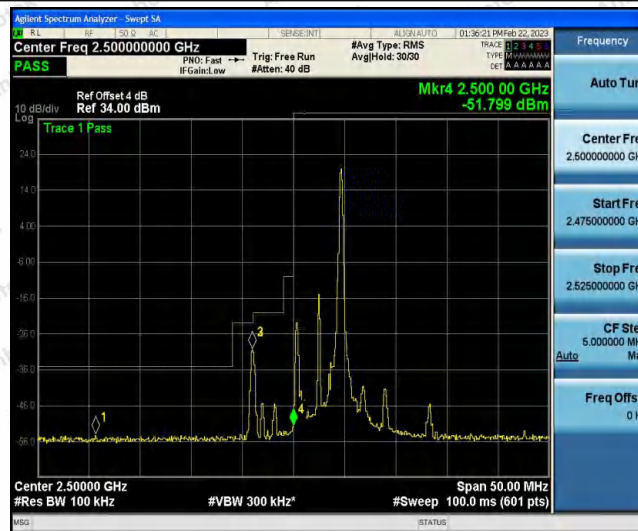
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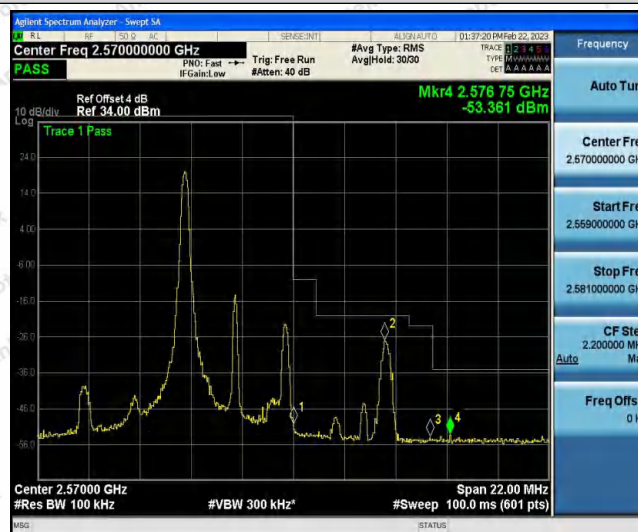




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Band7-5MHz-16QAM-21425-1RB#0



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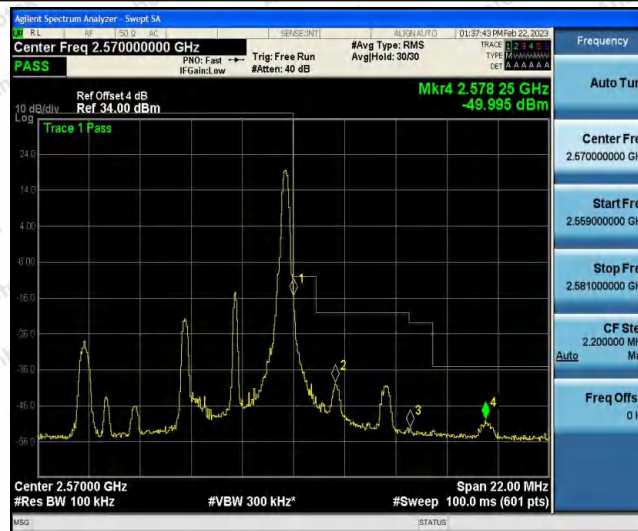
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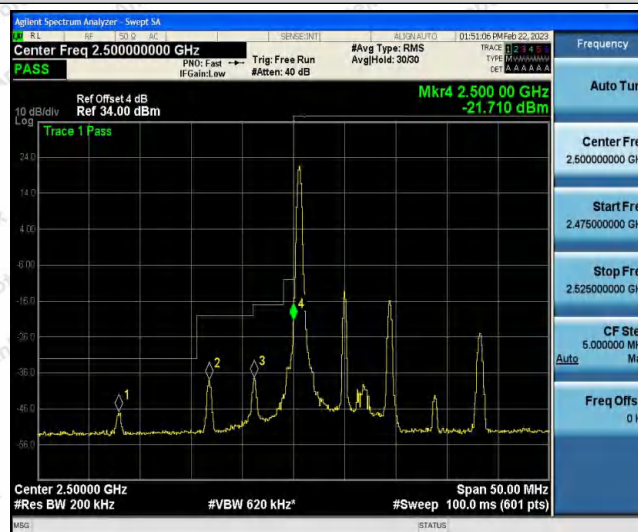




Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-1RB#49

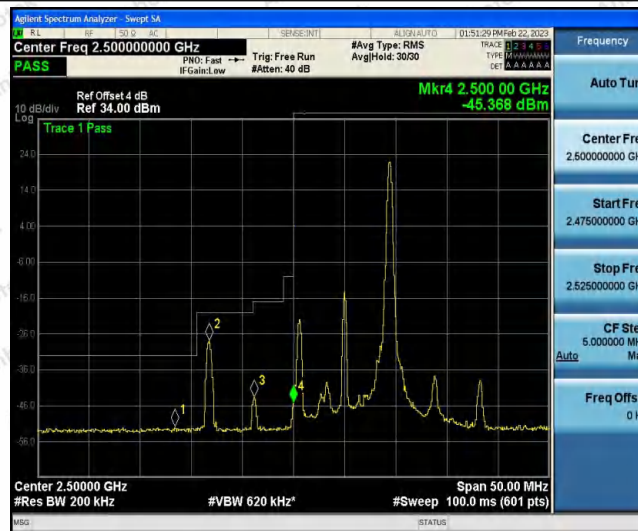
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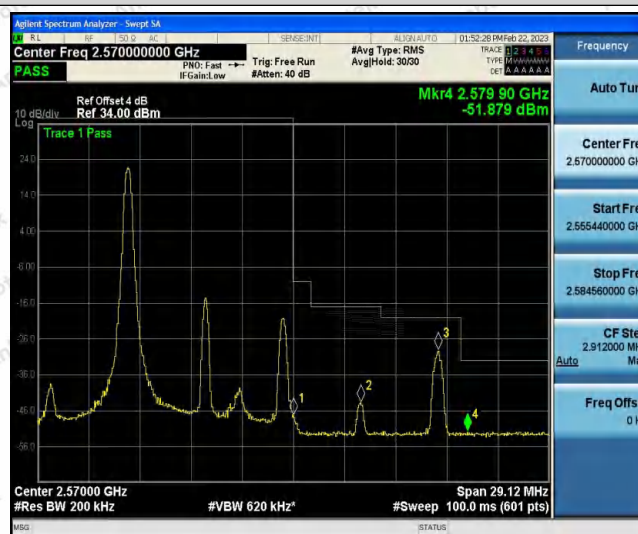




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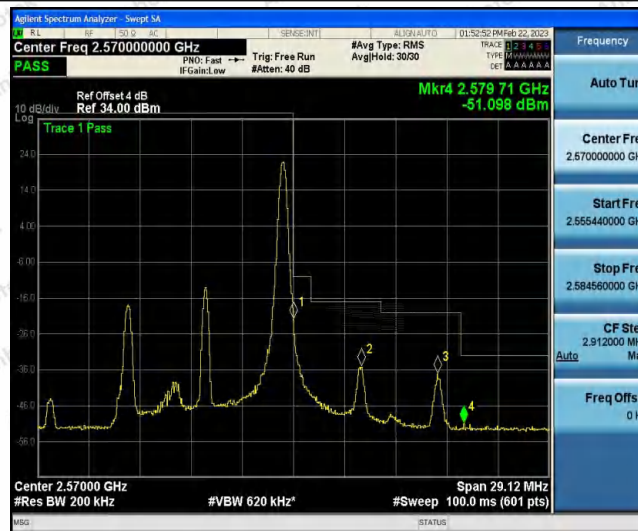


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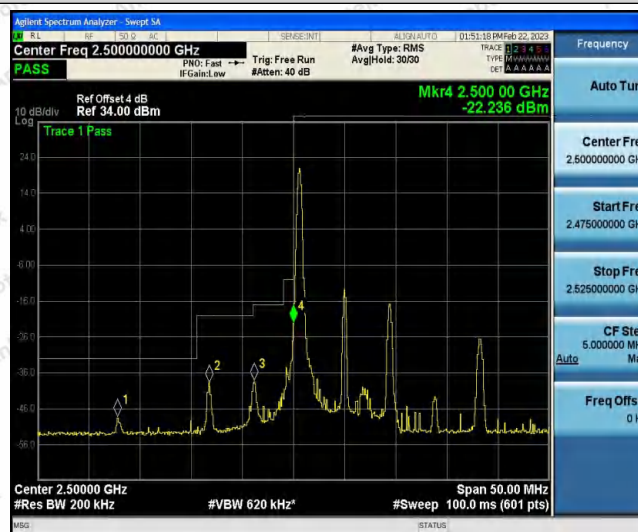




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Band7-10MHz-16QAM-20800-1RB#49

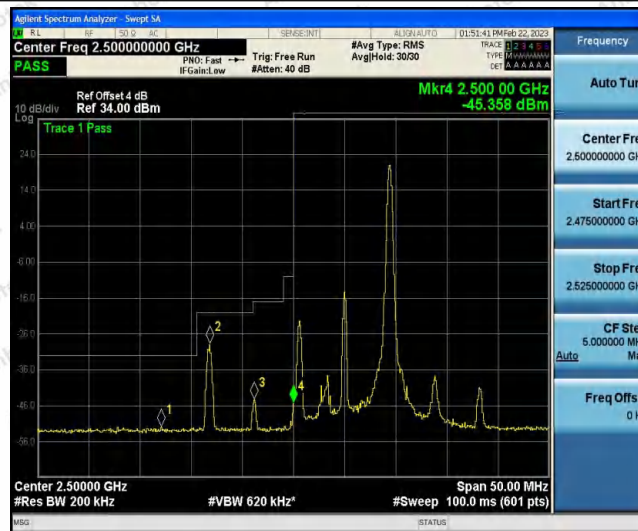
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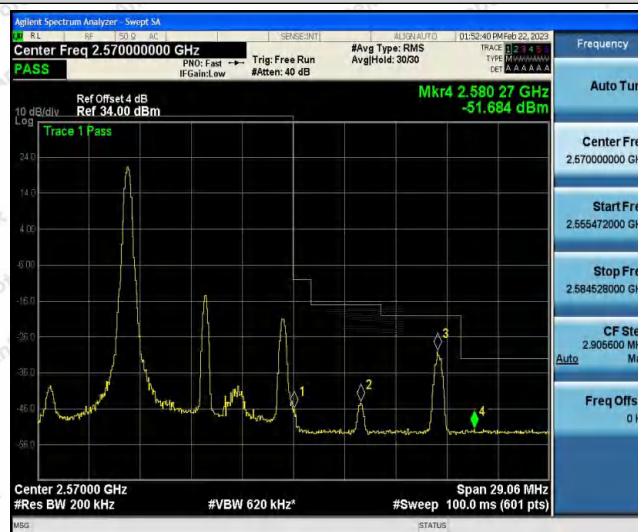




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Band7-10MHz-16QAM-21400-1RB#49

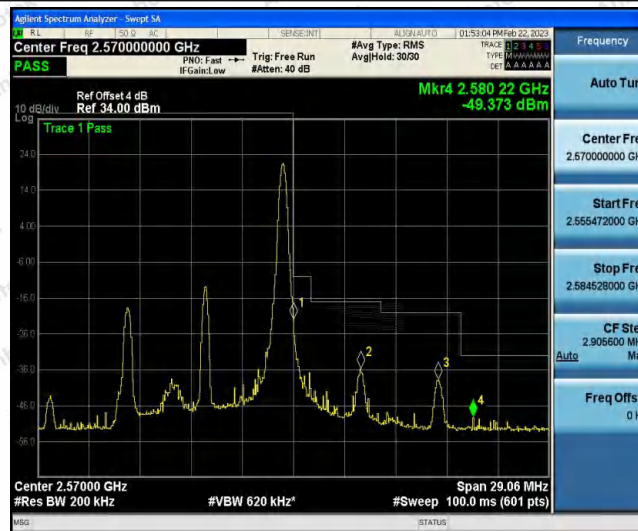
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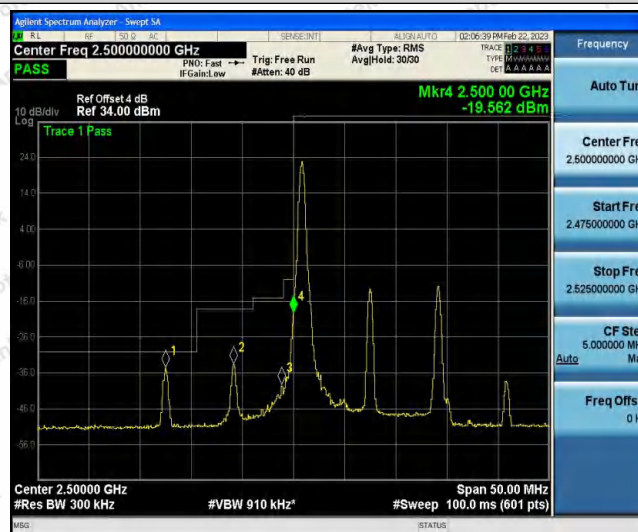




Band7-10MHz-16QAM-21400-50RB#0



Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0

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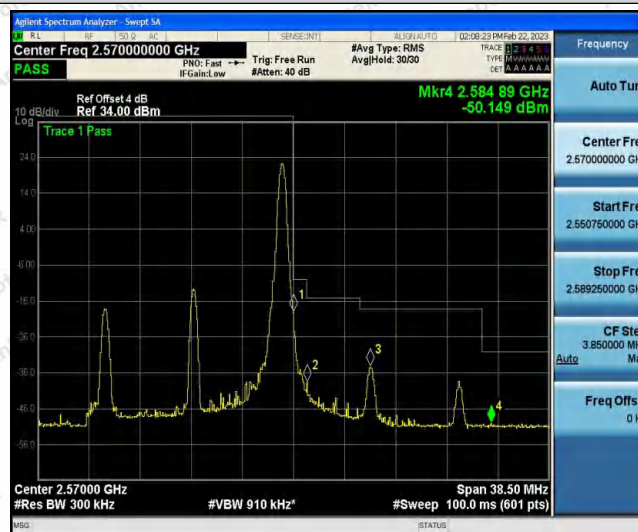




Band7-15MHz-QPSK-21375-1RB#0



Band7-15MHz-QPSK-21375-1RB#74



Band7-15MHz-QPSK-21375-75RB#0

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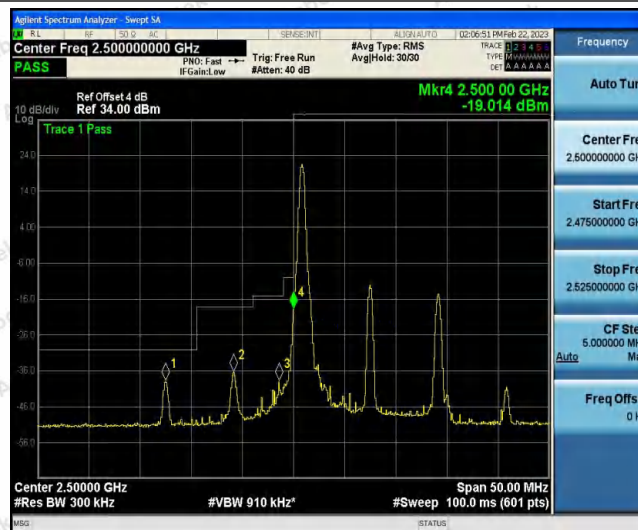


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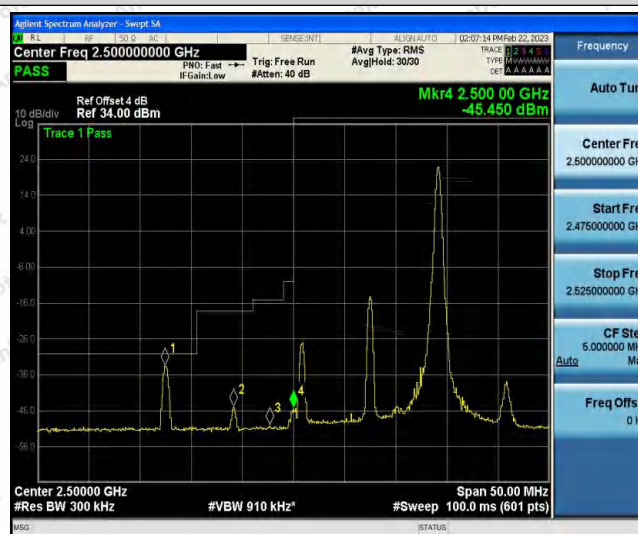




Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-1RB#74



Band7-15MHz-16QAM-20825-75RB#0

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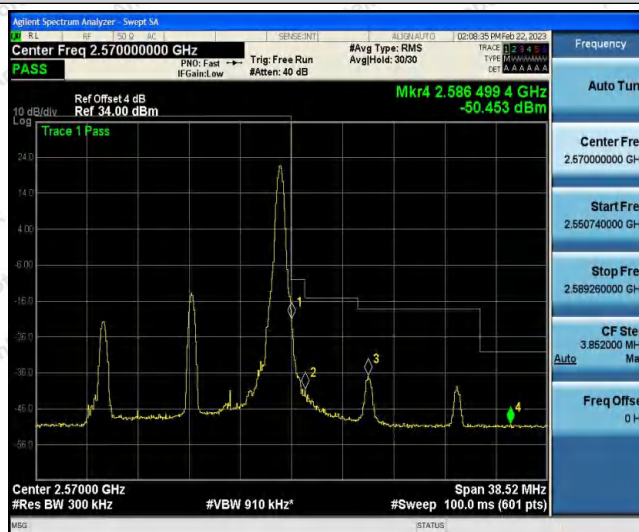




Band7-15MHz-16QAM-21375-1RB#0



Band7-15MHz-16QAM-21375-1RB#74



Band7-15MHz-16QAM-21375-75RB#0

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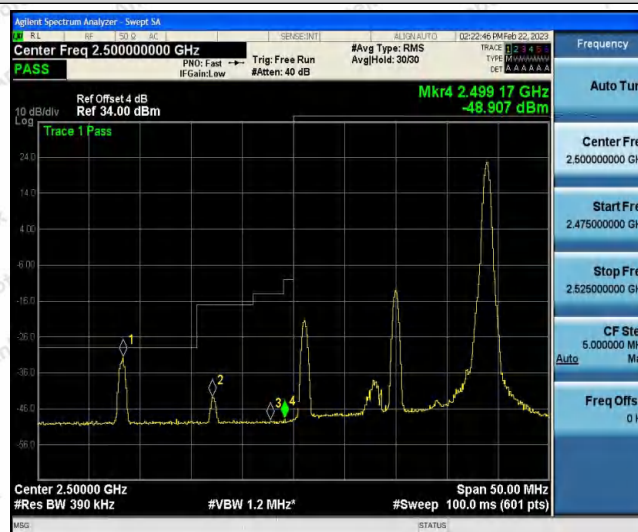




Band7-20MHz-QPSK-20850-1RB#0



Band7-20MHz-QPSK-20850-1RB#99



Band7-20MHz-QPSK-20850-100RB#0

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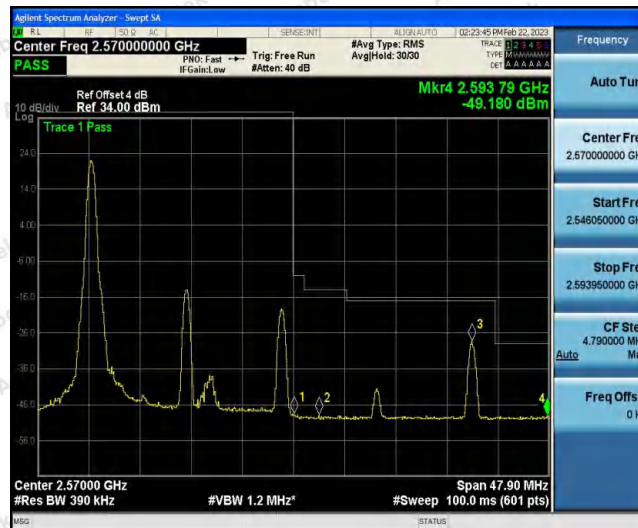


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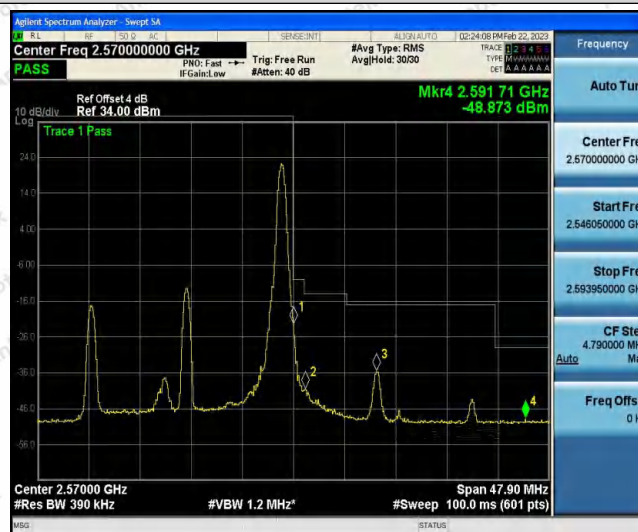




Band7-20MHz-QPSK-21350-1RB#0



Band7-20MHz-QPSK-21350-1RB#99



Band7-20MHz-QPSK-21350-100RB#0

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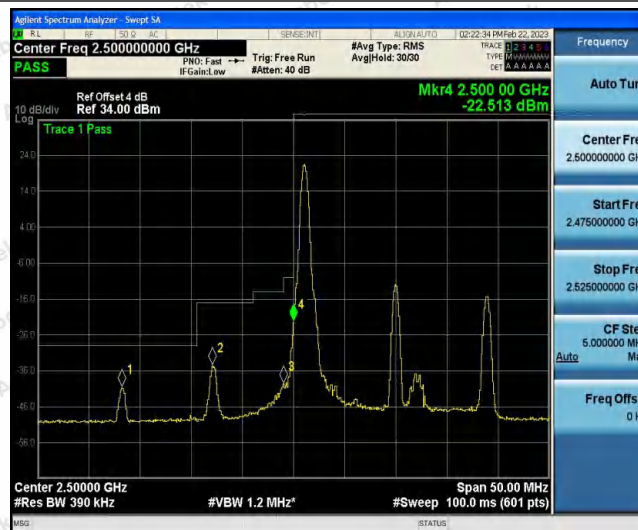


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Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-1RB#99



Band7-20MHz-16QAM-20850-100RB#0

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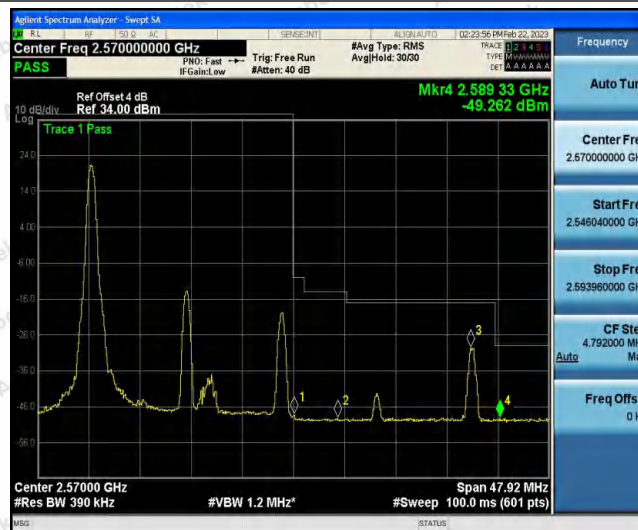


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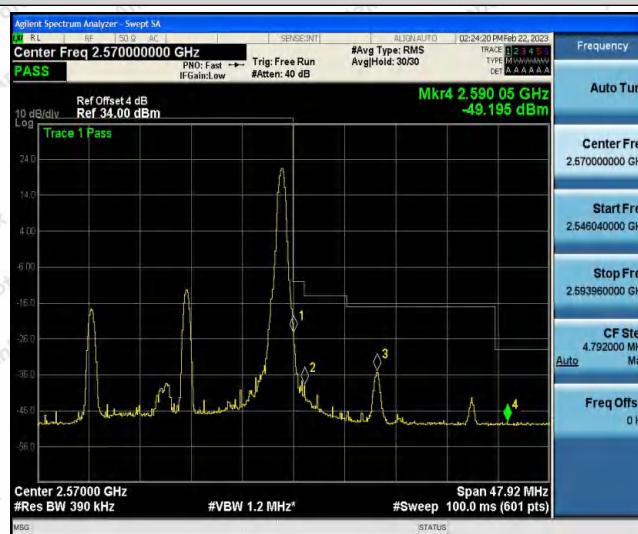




Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-100RB#0

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Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-57.02	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-33.86	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-56.71	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-33.58	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-57.16	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-34.26	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-57.39	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-33.77	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-57.25	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-32.77	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-56.3	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-33.58	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-57.35	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~27000MHz	-33.89	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-57.2	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-33.96	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-56.53	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~27000MHz	-32.23	PASS

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Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-56.71	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~27000MHz	-34.18	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-57.42	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-33.86	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-57.1	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~27000MHz	-33.8	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-57.12	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~27000MHz	-31.95	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-56.57	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-33.24	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-56.27	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~27000MHz	-33.43	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-56.76	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~27000MHz	-33.09	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-56.64	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-33.94	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-56.89	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~27000MHz	-33.1	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-57.06	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-33.76	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-56.73	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-33.58	PASS

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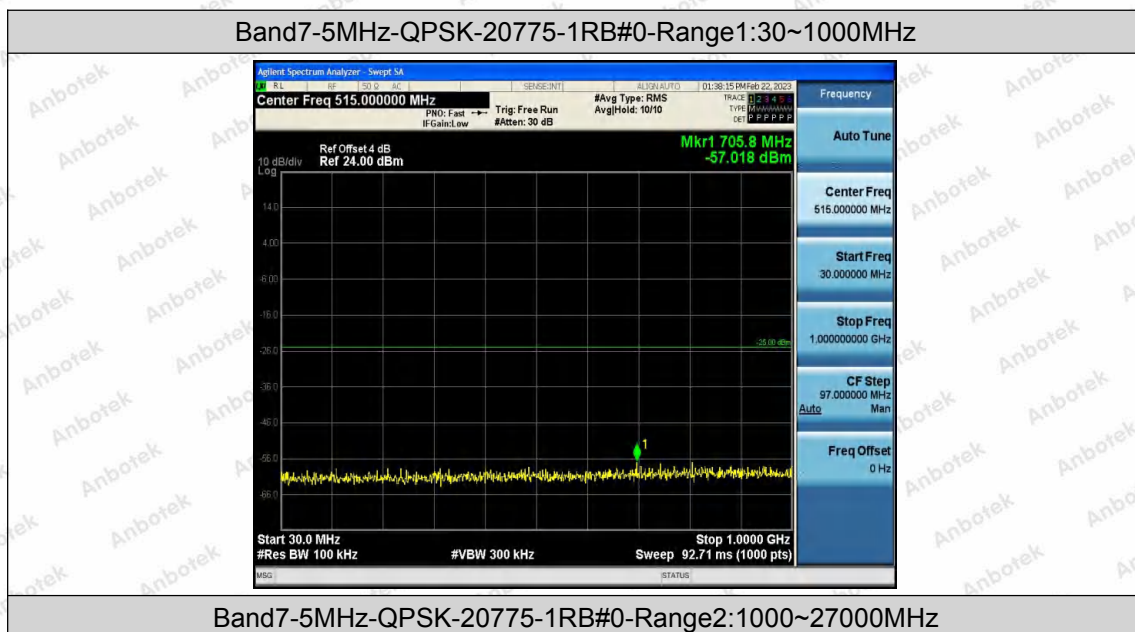


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Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-57.2 2	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-33.5 5	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-57.3 8	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-32.6 3	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-56.8 5	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-32.4 8	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-57.1 1	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-33.3 4	PASS

Test Graphs



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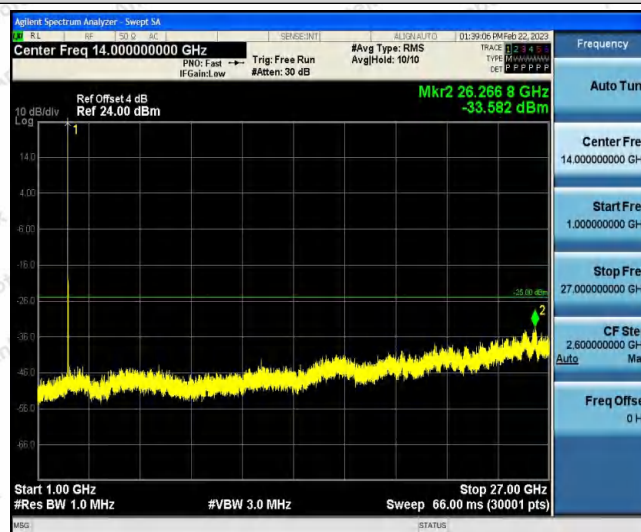




Band7-5MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz

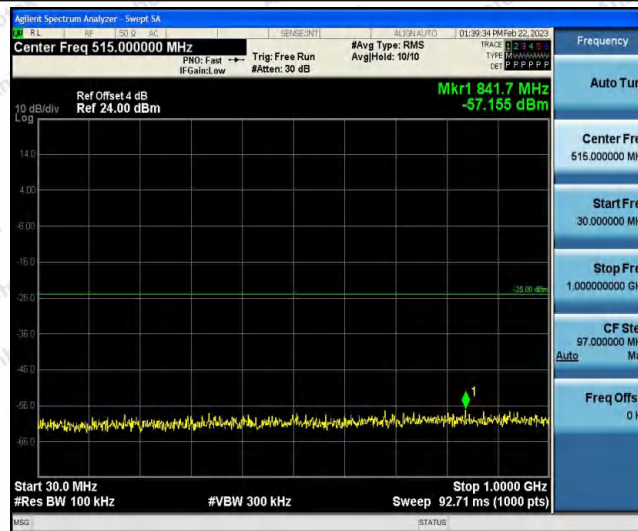
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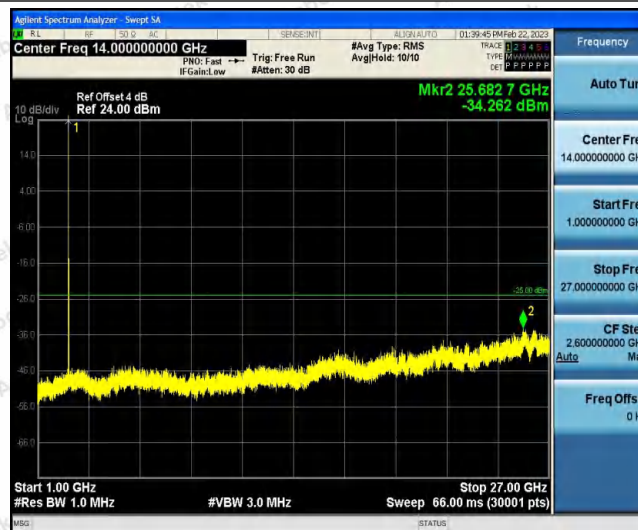


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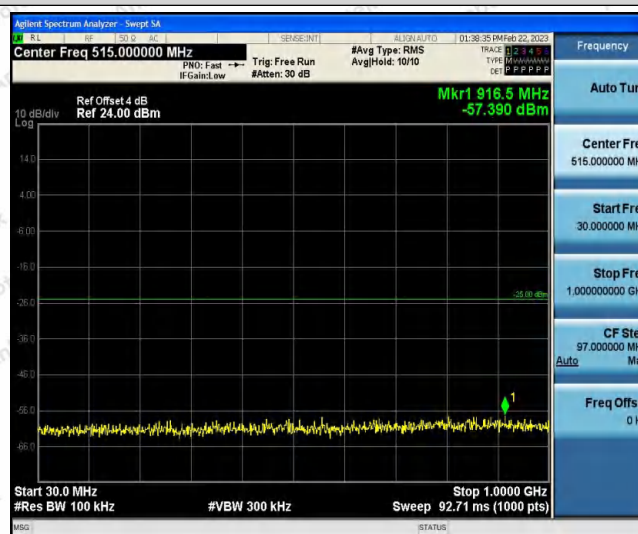




Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~27000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~27000MHz

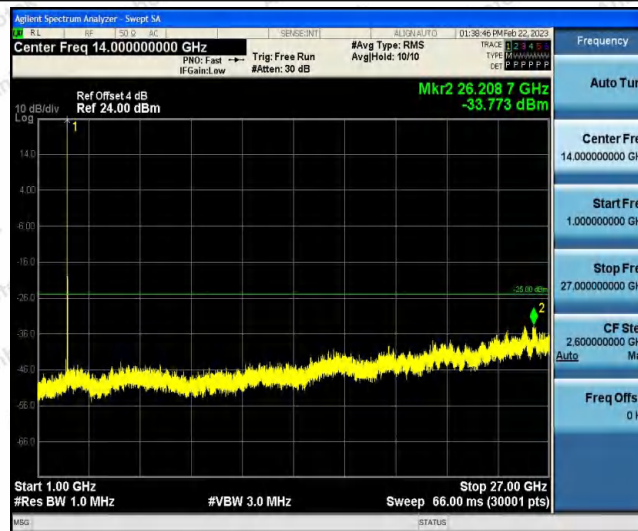
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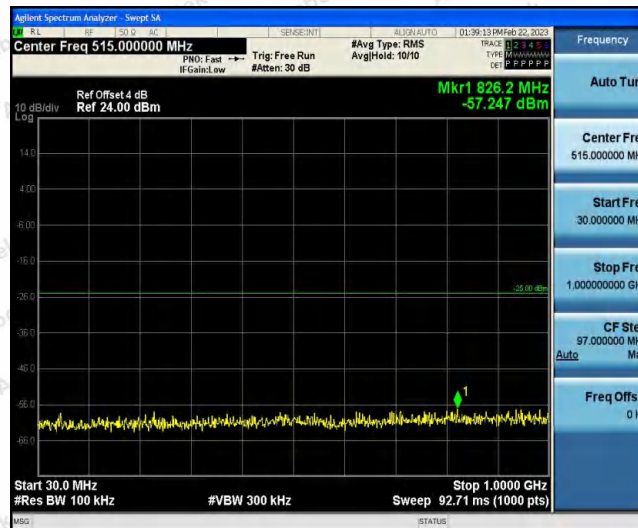


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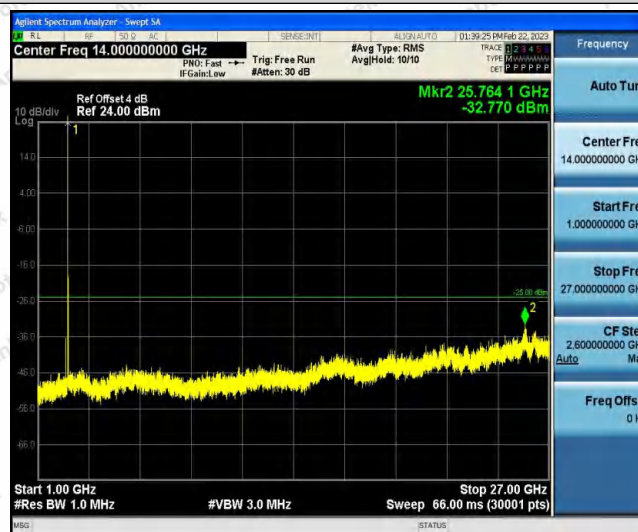




Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



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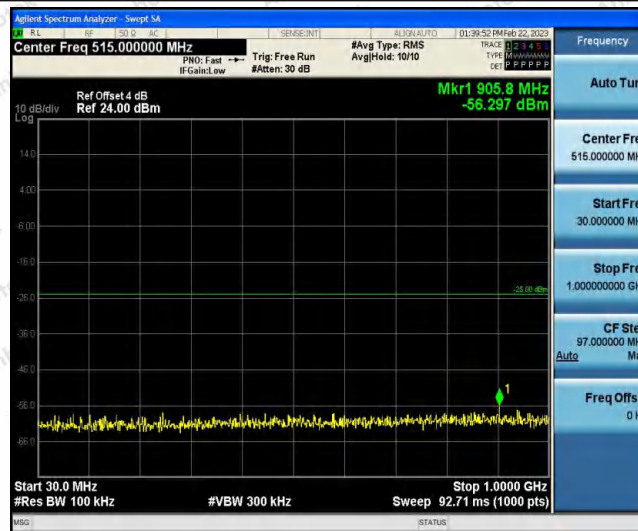
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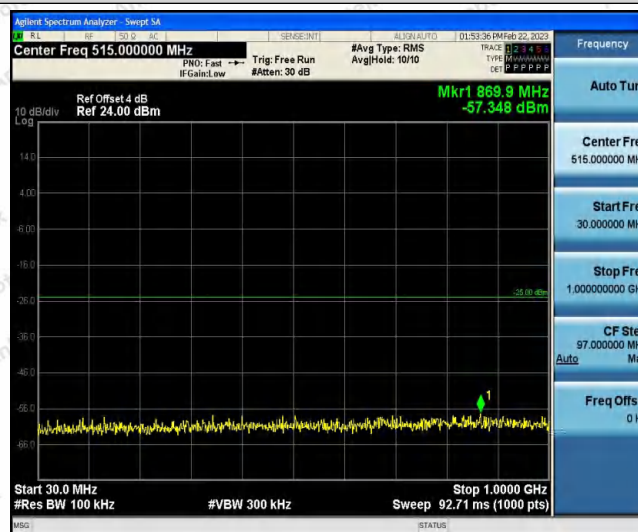




Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~27000MHz



Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~27000MHz

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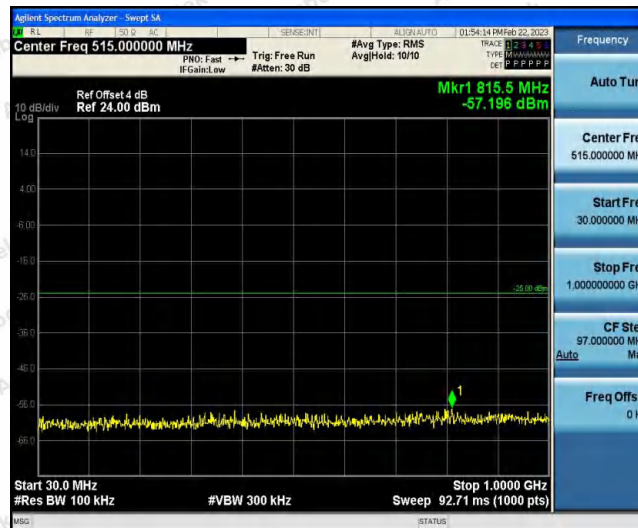


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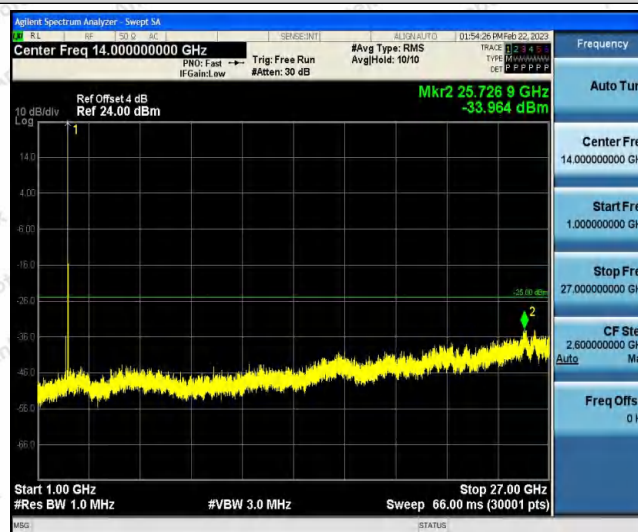




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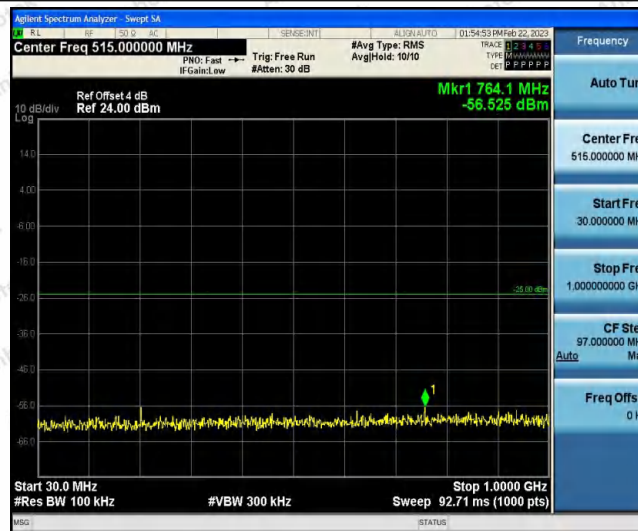


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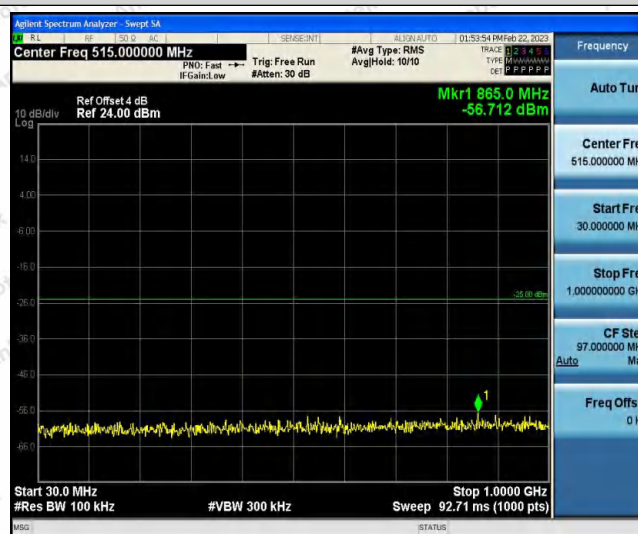




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Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~27000MHz

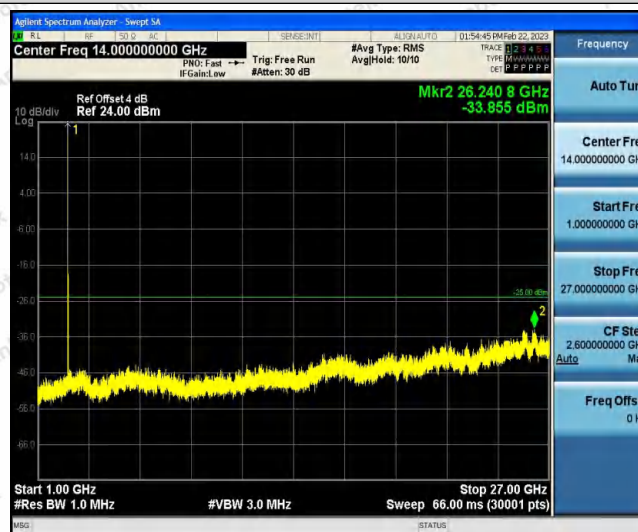




Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



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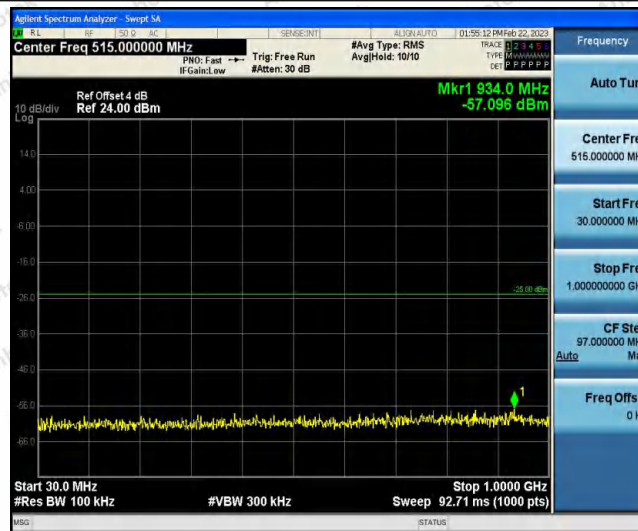
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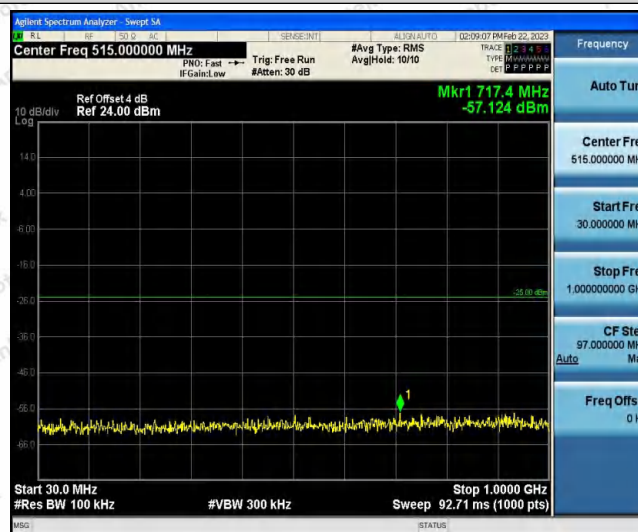




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Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~27000MHz

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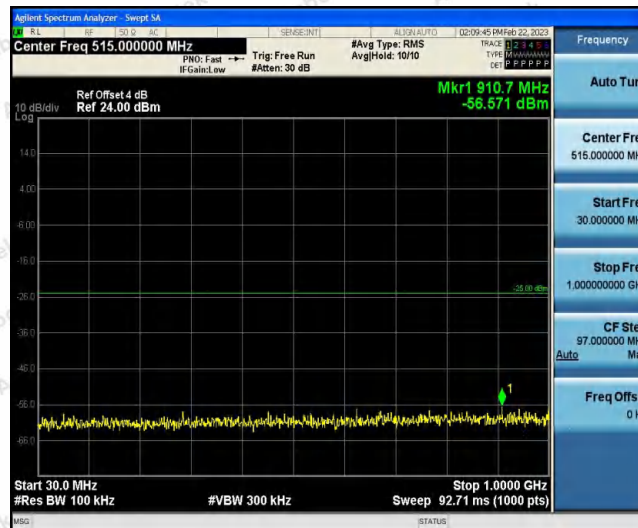


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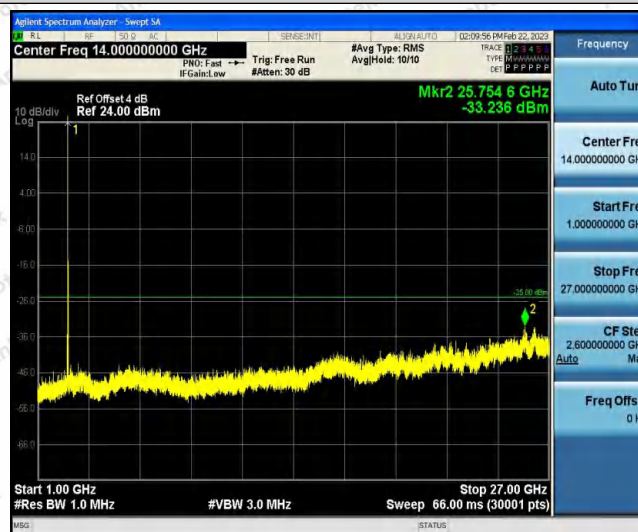




Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz

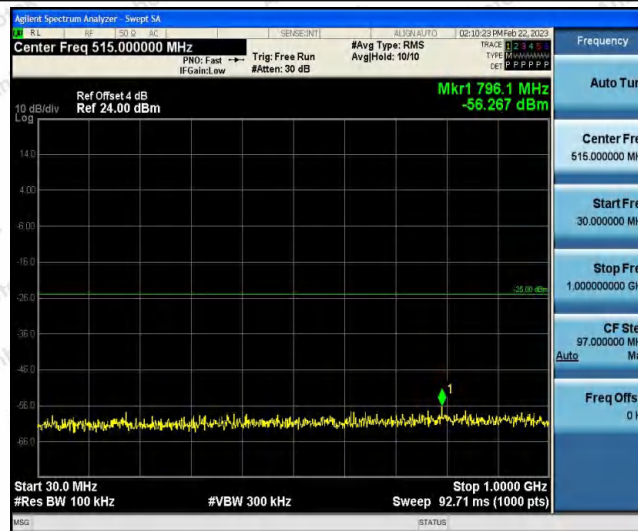
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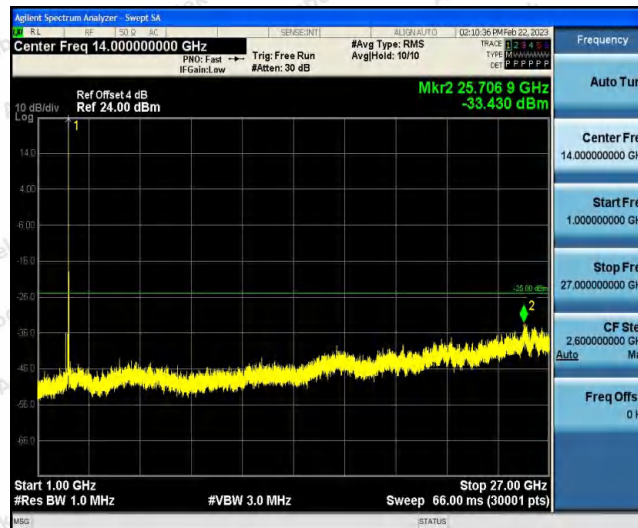


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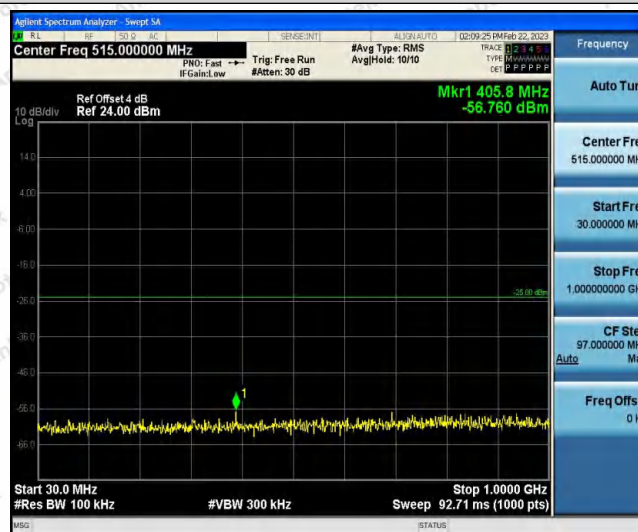




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Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz



Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~27000MHz

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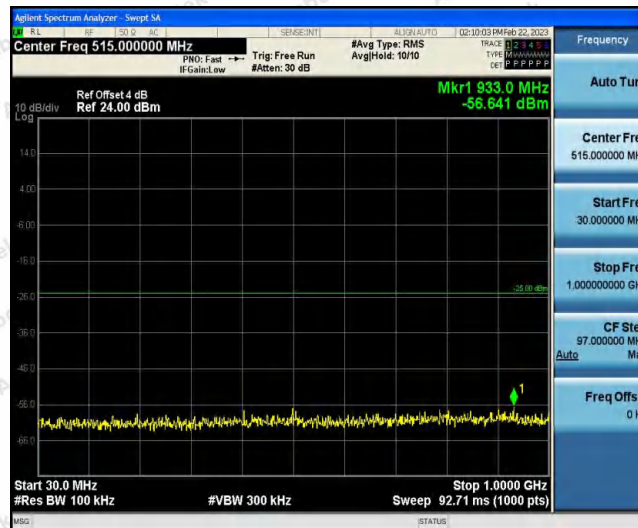


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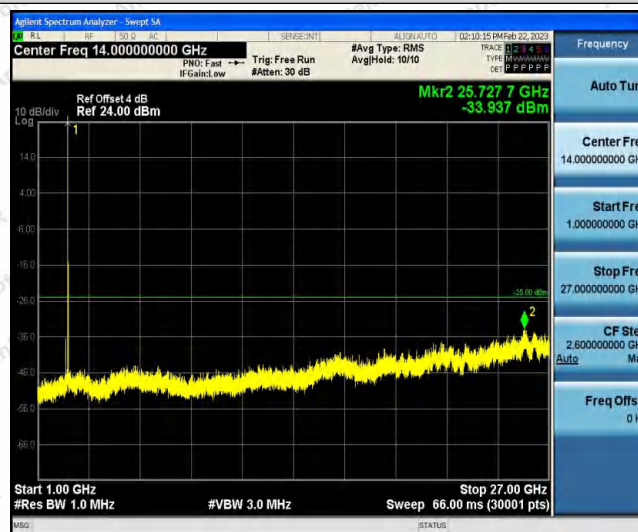




Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



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Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz

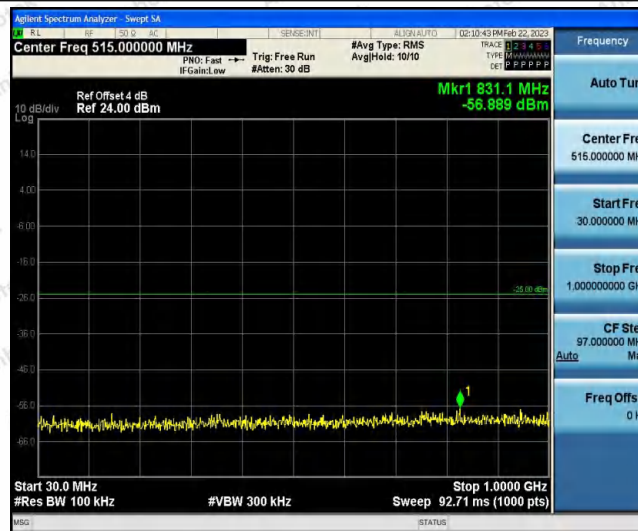
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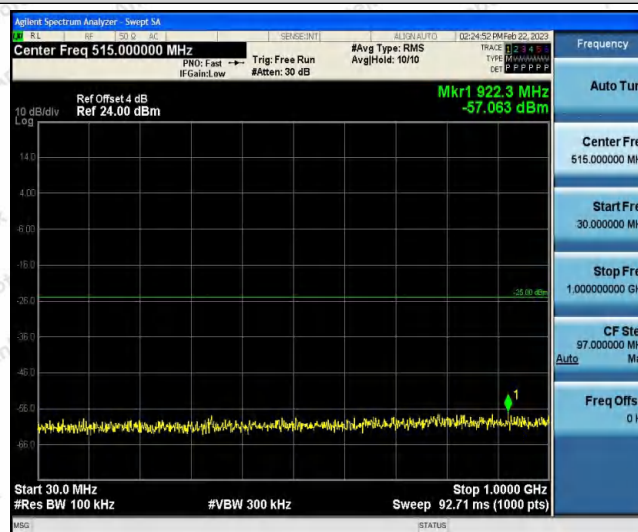




Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~27000MHz



Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz



Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~27000MHz

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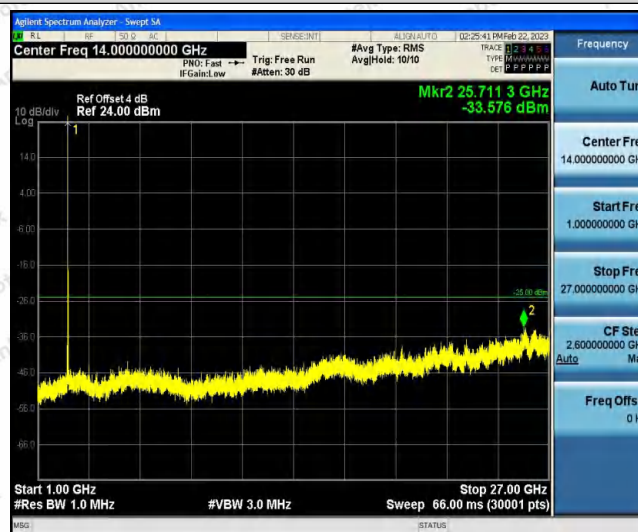




Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz

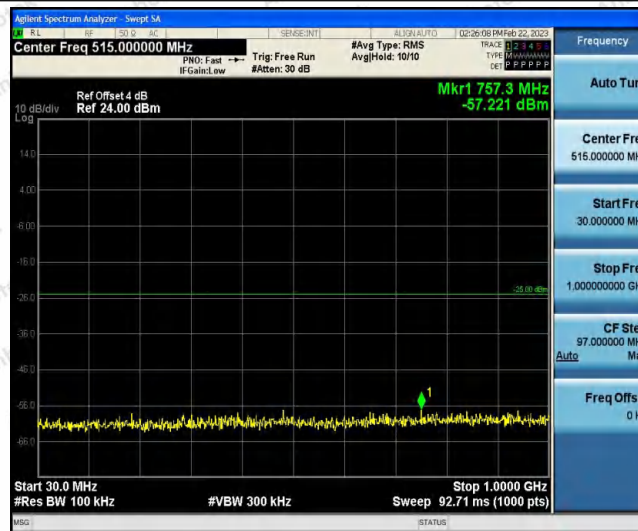
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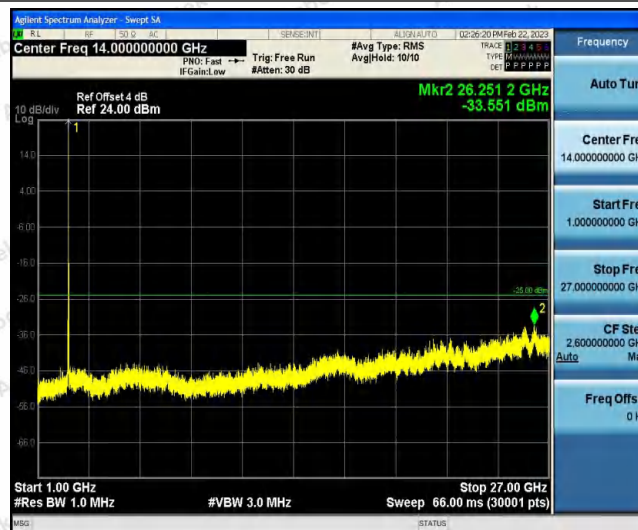


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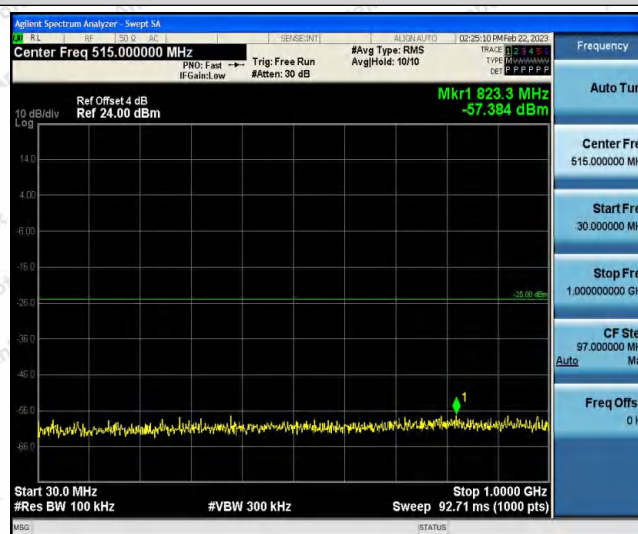




Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~27000MHz



Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~27000MHz

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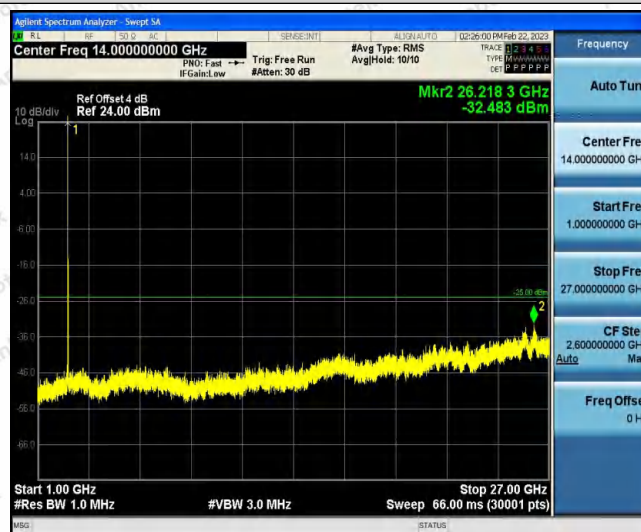




Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz

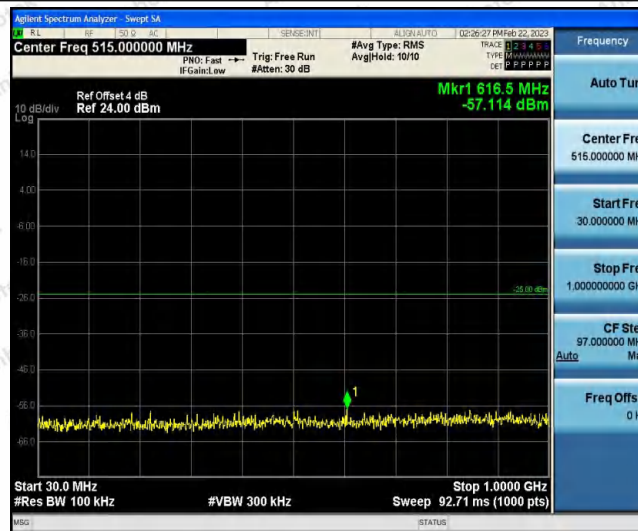
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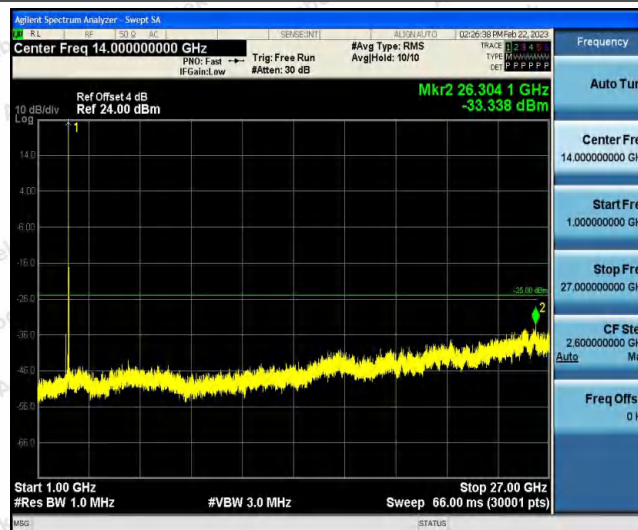


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Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~27000MHz



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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)				
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	4.49	0.001794	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	6.32	0.002525	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	2.68	0.001071	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-7.47	-0.002947	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	4.42	0.001744	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-6.05	-0.002387	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	3.63	0.001414	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-6.98	-0.002719	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	3.73	0.001453	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	7.30	0.002917	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	6.02	0.002406	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	5.08	0.002030	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-9.77	-0.003854	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-8.44	-0.003329	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-6.11	-0.002410	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-3.96	-0.001542	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-3.60	-0.001402	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	3.50	0.001363	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-5.84	-0.002331	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-8.55	-0.003413	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-4.66	-0.001860	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-5.14	-0.002028	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-6.24	-0.002462	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-5.54	-0.002185	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-8.87	-0.003458	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-9.61	-0.003747	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-6.94	-0.002706	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-6.71	-0.002679	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	-7.37	-0.002942	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-7.02	-0.002802	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-7.60	-0.002998	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-4.84	-0.001909	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-3.91	-0.001542	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-7.21	-0.002811	±2.5	PASS



Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-6.11	-0.002382	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-6.84	-0.002667	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-5.05	-0.002014	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	6.47	0.002580	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	7.14	0.002847	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-5.78	-0.002280	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-5.87	-0.002316	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-4.94	-0.001949	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	8.71	0.003399	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	4.82	0.001881	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	3.03	0.001182	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	6.21	0.002477	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	5.24	0.002090	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	-3.95	-0.001575	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-7.38	-0.002911	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-6.81	-0.002686	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-3.72	-0.001467	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	6.14	0.002396	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	-5.91	-0.002306	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	-2.00	-0.000780	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	2.53	0.001008	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	7.24	0.002884	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	8.41	0.003351	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-6.58	-0.002596	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-7.68	-0.003030	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-2.89	-0.001140	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	5.22	0.002039	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	2.99	0.001168	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	7.28	0.002844	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-5.74	-0.002287	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-3.65	-0.001454	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	5.74	0.002287	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-7.71	-0.003041	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-6.75	-0.002663	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-7.12	-0.002809	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	5.76	0.002250	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-3.68	-0.001438	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	4.58	0.001789	±2.5	PASS



Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	4.95	0.001978	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	4.86	0.001942	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	5.55	0.002218	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-2.69	-0.001075	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	2.80	0.001119	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-5.65	-0.002229	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-9.77	-0.003854	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-5.09	-0.002008	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-3.60	-0.001420	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-8.58	-0.003385	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	4.03	0.001570	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-4.89	-0.001905	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	4.46	0.001737	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-5.31	-0.002068	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	5.44	0.002119	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	2.88	0.001151	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	2.85	0.001139	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	6.69	0.002673	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	6.18	0.002470	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	9.14	0.003652	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-8.58	-0.003385	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-4.73	-0.001866	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-9.28	-0.003661	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-7.52	-0.002966	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-9.17	-0.003617	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	5.75	0.002240	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-3.46	-0.001348	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	4.21	0.001640	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	7.98	0.003108	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	5.32	0.002072	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-7.15	-0.002854	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-7.62	-0.003042	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-7.50	-0.002994	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-7.32	-0.002922	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-5.66	-0.002259	±2.5	PASS

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Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-5.46	-0.002154	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-4.68	-0.001846	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-4.76	-0.001878	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-6.24	-0.002462	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-6.01	-0.002371	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-8.41	-0.003279	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-7.10	-0.002768	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-5.39	-0.002101	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-6.52	-0.002542	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-3.91	-0.001524	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-7.25	-0.002894	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-6.42	-0.002563	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-7.90	-0.003154	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-6.91	-0.002758	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-8.54	-0.003409	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	-8.40	-0.003314	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	-9.04	-0.003566	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	-6.92	-0.002730	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	-4.61	-0.001819	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	-6.07	-0.002394	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-8.87	-0.003458	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-6.19	-0.002413	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-6.92	-0.002698	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-8.75	-0.003411	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	-10.20	-0.003977	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	4.99	0.001990	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-4.21	-0.001679	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	6.58	0.002624	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-4.33	-0.001727	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-7.84	-0.003127	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-6.91	-0.002726	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-4.84	-0.001909	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-3.96	-0.001562	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-8.23	-0.003247	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-7.17	-0.002828	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	3.29	0.001284	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	7.20	0.002810	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	6.69	0.002611	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	4.95	0.001932	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	4.16	0.001623	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	3.99	0.001591	±2.5	PASS



Band7	15MHz	16QAM	20825	75RB#0	NV	-20	6.19	0.002469	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	-5.54	-0.002209	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	9.37	0.003737	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-4.59	-0.001831	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-10.30	-0.004063	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-5.04	-0.001988	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-6.12	-0.002414	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	-8.77	-0.003460	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-7.00	-0.002761	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	6.74	0.002630	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	7.12	0.002779	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	4.96	0.001936	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	5.51	0.002150	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	5.35	0.002088	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-4.35	-0.001733	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	6.62	0.002637	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	4.61	0.001837	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	8.45	0.003367	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	6.64	0.002645	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-4.73	-0.001866	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-7.17	-0.002828	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-5.95	-0.002347	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-8.90	-0.003511	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-7.10	-0.002801	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	6.57	0.002566	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-5.49	-0.002145	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	5.99	0.002340	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	8.28	0.003234	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	3.30	0.001289	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	6.38	0.002542	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	7.81	0.003112	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	7.27	0.002896	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	6.91	0.002753	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	6.27	0.002498	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-10.26	-0.004047	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-4.99	-0.001968	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-6.79	-0.002679	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-6.34	-0.002501	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-7.37	-0.002907	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-4.29	-0.001676	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	4.26	0.001664	±2.5	PASS



Band7	20MHz	16QAM	21350	100RB#0	NV	0	4.59	0.001793	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	4.18	0.001633	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-3.68	-0.001438	±2.5	PASS

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