Appendix for Band 7

Product Name: Industrial tablet
Model No: SD100

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.76	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.43	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.26	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.34	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.31	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.35	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.35	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.40	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.58	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.48	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.45	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.48	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.48	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.50	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.58	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.70	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.59	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.61	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.60	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.68	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.67	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.23	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.33	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.22	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.27	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.32	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.30	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.39	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.35	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.53	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.40	PASS

Band7	5MHz	16QAM	21100	12RB#0	21.46	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.49	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.49	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.59	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.50	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.64	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.48	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.61	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.63	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.69	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.76	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.37	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.49	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.37	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.36	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.38	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.44	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.41	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.39	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.59	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.49	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.57	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.58	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.61	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.58	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.46	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.69	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.57	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.65	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.66	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.70	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.66	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.21	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.32	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.16	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.36	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.38	PASS

Band7	10MHz	16QAM	20800	25RB#25	21.45	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.40	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.42	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.73	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.56	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.59	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.57	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.67	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.65	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.54	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.79	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.67	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.69	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.69	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.71	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.71	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.74	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.80	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.55	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.76	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.85	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.62	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.77	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.79	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.97	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.33	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.37	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.53	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.45	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.54	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.75	PASS
Band7	15MHz	QPSK	21375	1RB#38	24.03	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.85	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.95	PASS
Band7	15MHz	QPSK	21375	38RB#18	23.09	PASS
Band7	15MHz	QPSK	21375	38RB#37	23.01	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.99	PASS

Band7	15MHz	16QAM	20825	1RB#0	22.80	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.79	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.64	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.81	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.86	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.60	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.76	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.76	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.62	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.46	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.37	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.52	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.46	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.49	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.56	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.01	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.76	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.97	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.99	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.95	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.04	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.60	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.45	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.02	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.15	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.14	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.19	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.22	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.12	PASS
Band7	20MHz	QPSK	21100	1RB#49	24.07	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.21	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.54	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.53	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.62	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.53	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.28	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.60	PASS

Band7	20MHz	QPSK	21350	1RB#99	23.34	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.46	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.44	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.46	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.52	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.01	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.38	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.89	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.19	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.17	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.19	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.18	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.97	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.54	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.11	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.54	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.54	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.67	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.62	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.26	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.58	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.29	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.47	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.47	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.49	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.51	PASS

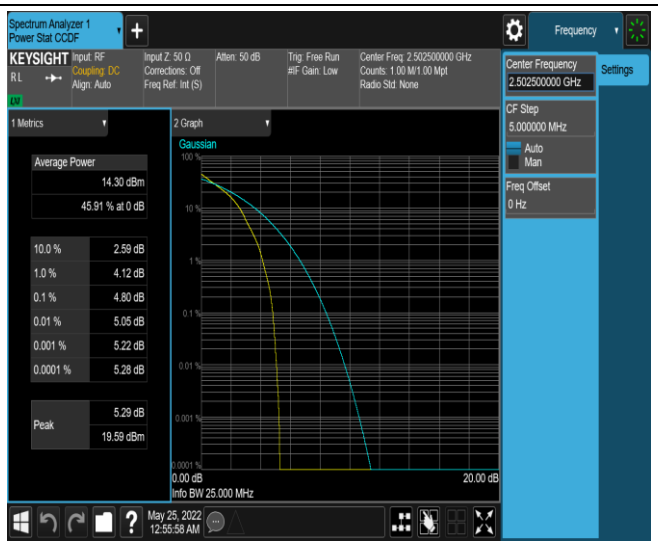
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.80	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.57	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.38	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.34	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.81	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.47	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.50	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.32	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.25	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.13	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.52	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.26	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.71	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.59	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.31	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.36	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.76	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.52	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.53	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.35	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.29	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.20	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.66	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.35	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.75	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.91	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.42	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.78	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.07	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.94	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.70	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.47	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.39	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.47	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.87	13	PASS

Band7	15MHz	16QAM	21375	75RB#0	6.57	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.80	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.54	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.66	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.72	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.11	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.71	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.46	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.35	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.67	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.44	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.92	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.49	13	PASS

Test Graphs



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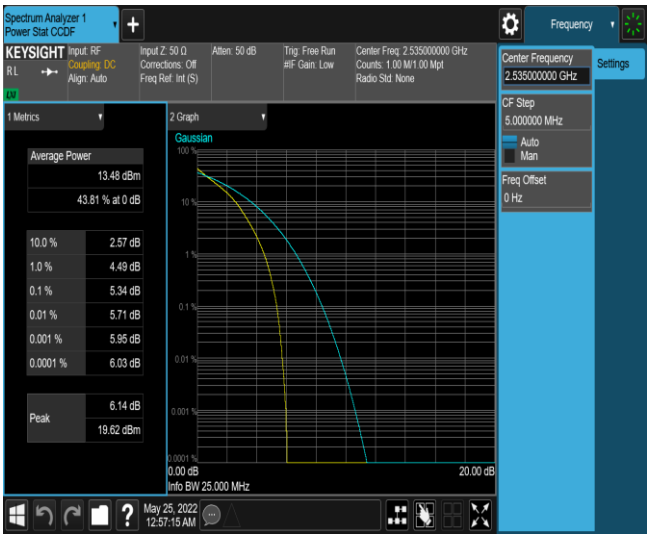
Band7-5MHz-QPSK-20775-25RB#0

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

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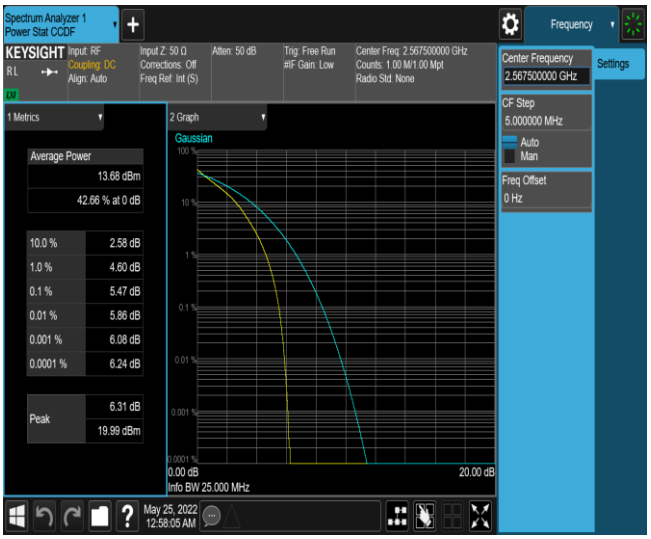
Band7-5MHz-QPSK-21425-1RB#0

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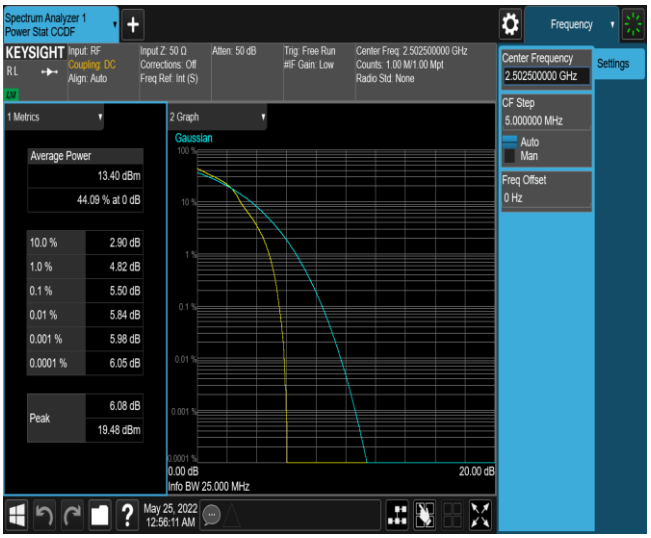

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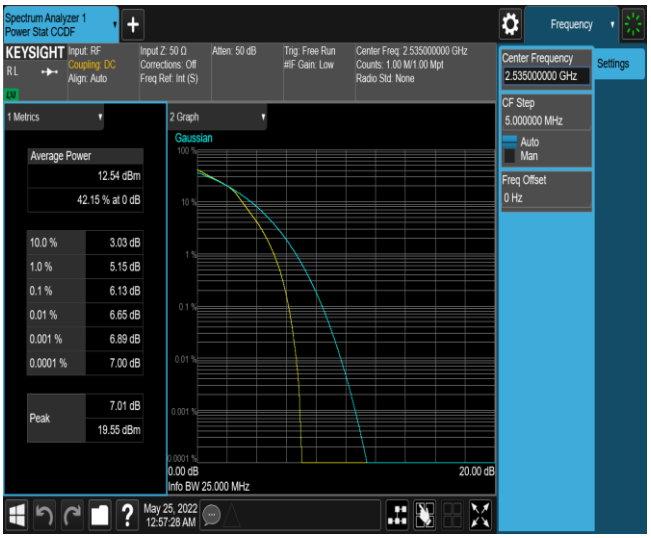
Band7-5MHz-16QAM-20775-25RB#0

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



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

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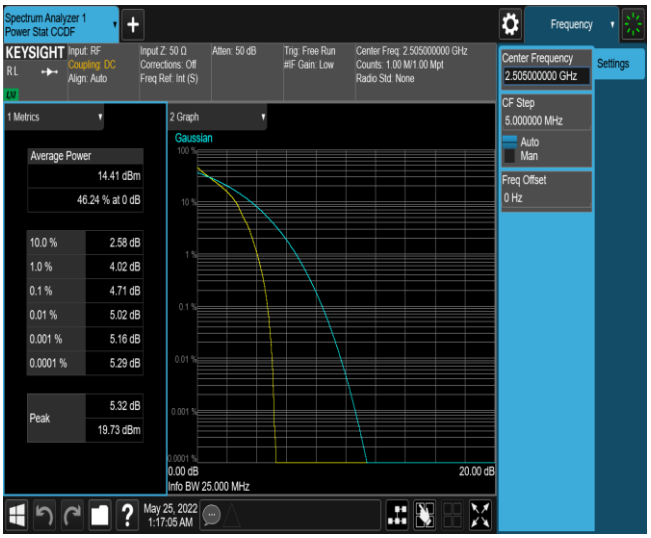

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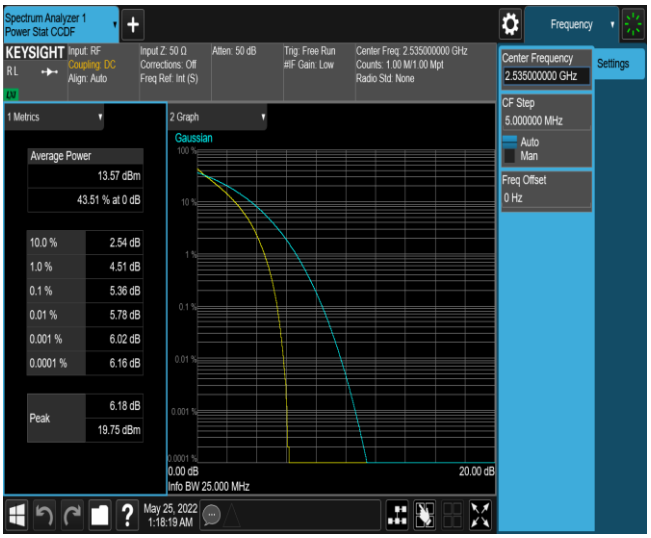
Band7-10MHz-QPSK-20800-50RB#0

Band7-10MHz-QPSK-21100-1RB#0



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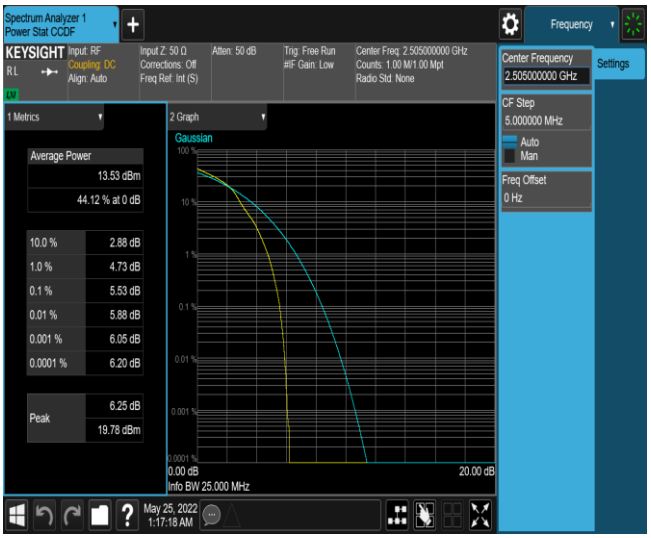

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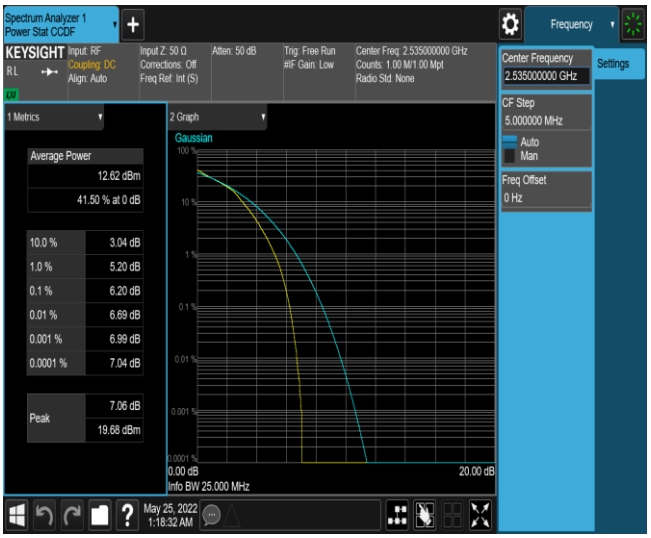

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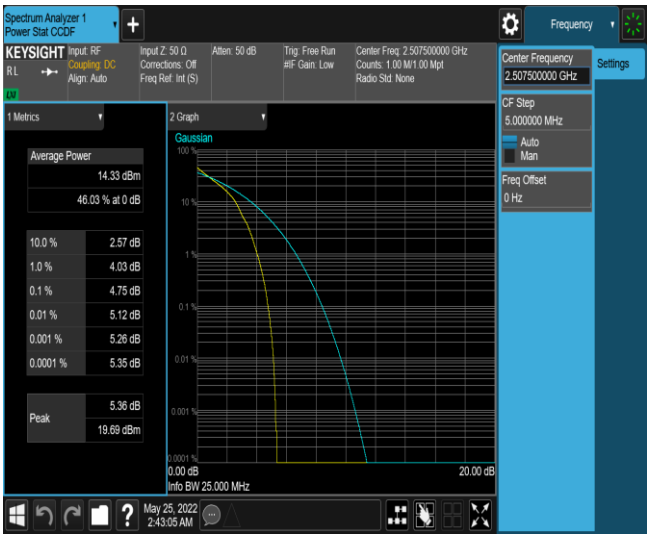

Band7-15MHz-QPSK-20825-1RB#0

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

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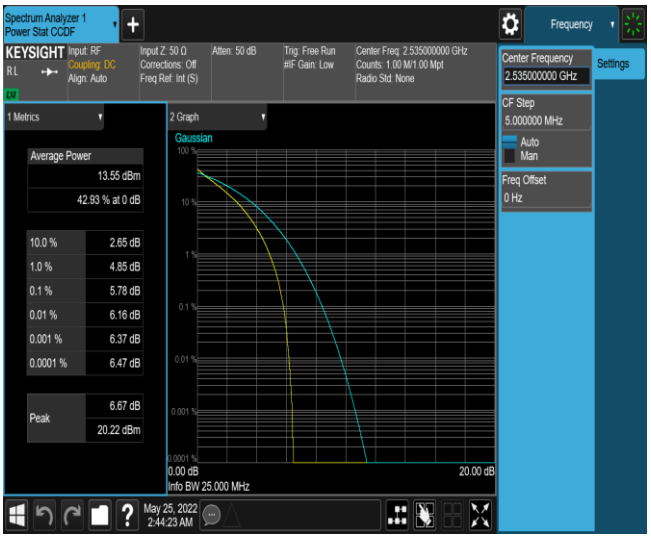

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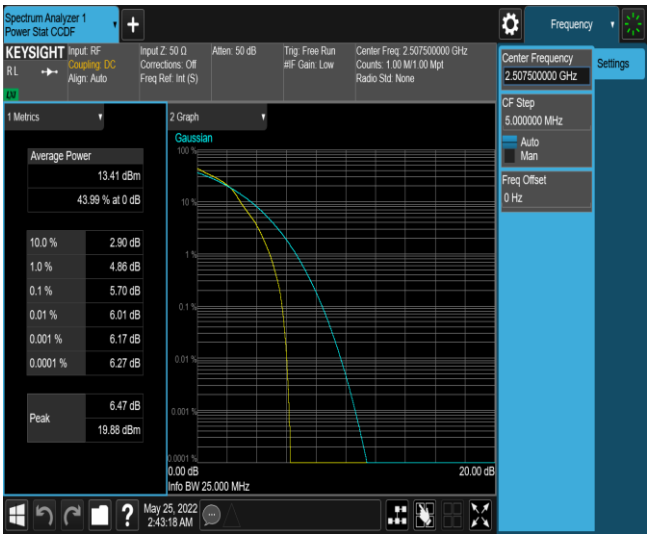

Band7-15MHz-16QAM-20825-1RB#0

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

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

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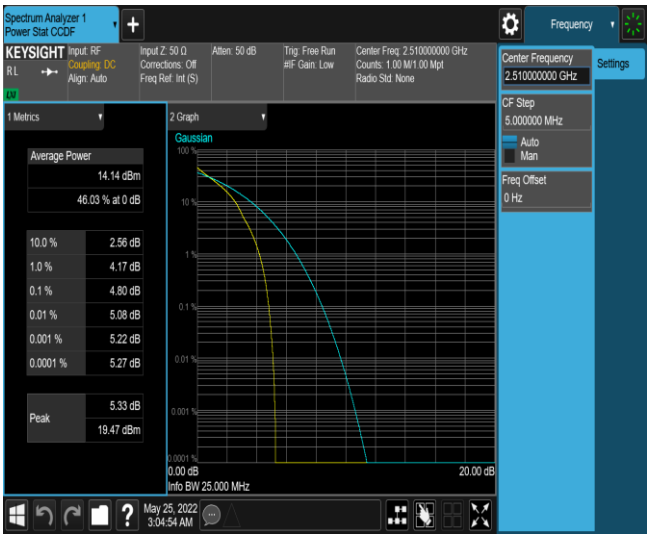
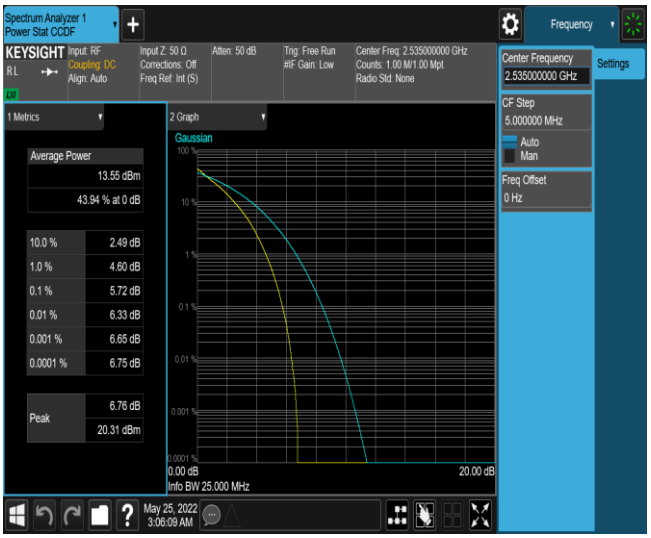


Band7-20MHz-QPSK-20850-1RB#0

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

Band7-20MHz-QPSK-21100-1RB#0



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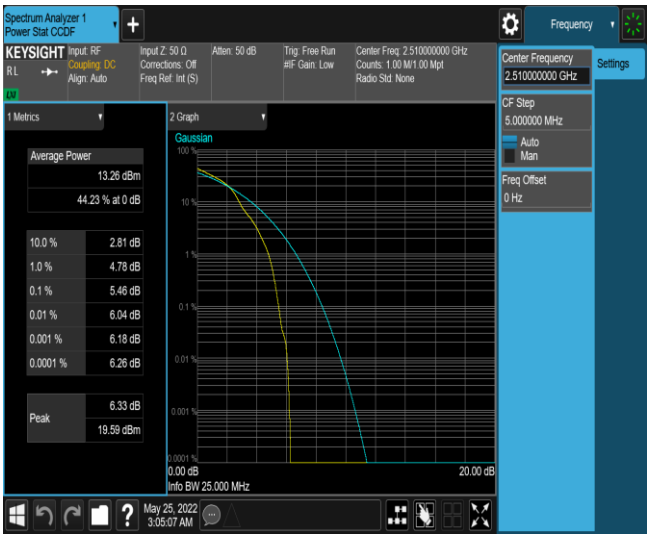


Band7-20MHz-16QAM-20850-1RB#0

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

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

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

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

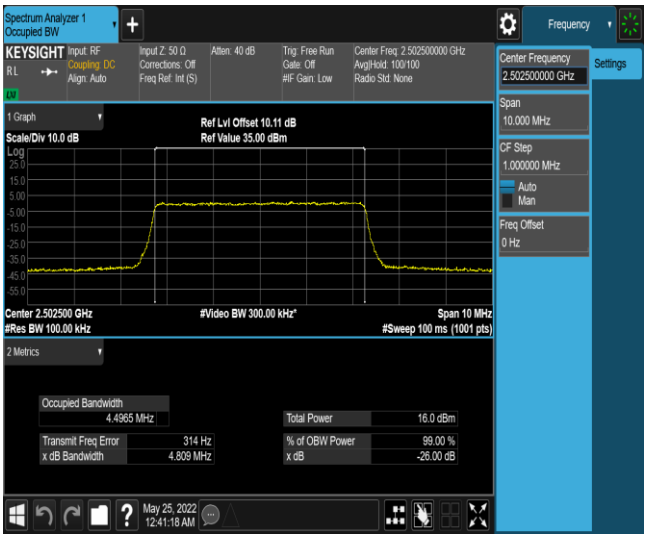
Band7-20MHz-16QAM-21350-100RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

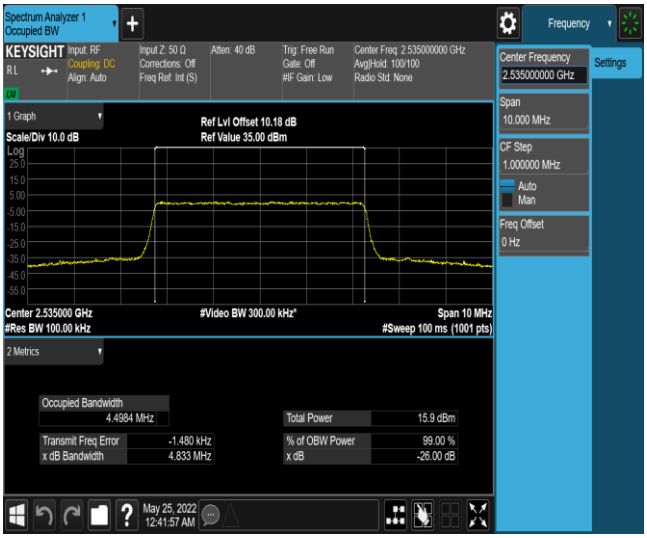
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4965	4.809	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4984	4.833	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4966	4.824	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5035	4.794	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5060	4.815	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5061	4.819	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9882	9.537	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9952	9.525	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9910	9.539	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9724	9.510	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9818	9.523	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9804	9.518	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.469	14.27	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.502	14.28	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.476	14.25	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	14.24	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.491	14.27	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.473	14.25	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.920	18.92	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.987	18.99	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.945	18.94	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.916	18.92	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.003	18.99	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.938	18.94	PASS

Test Graphs



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



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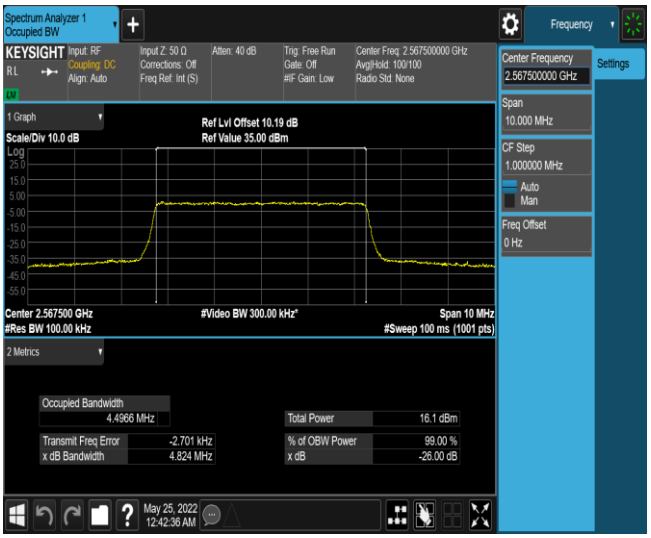

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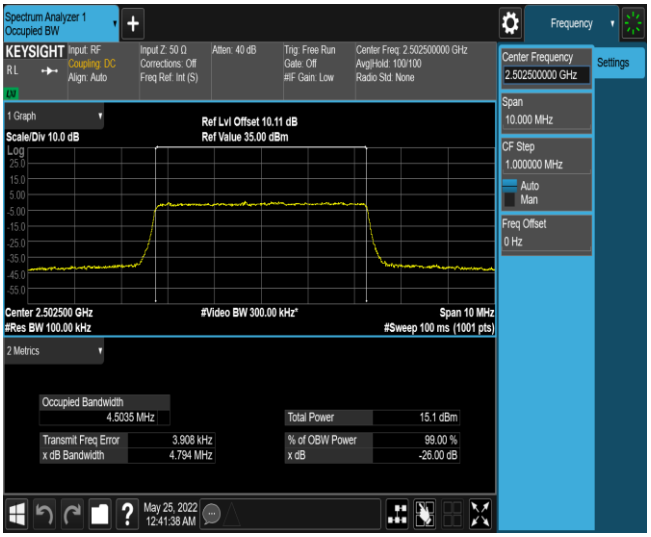

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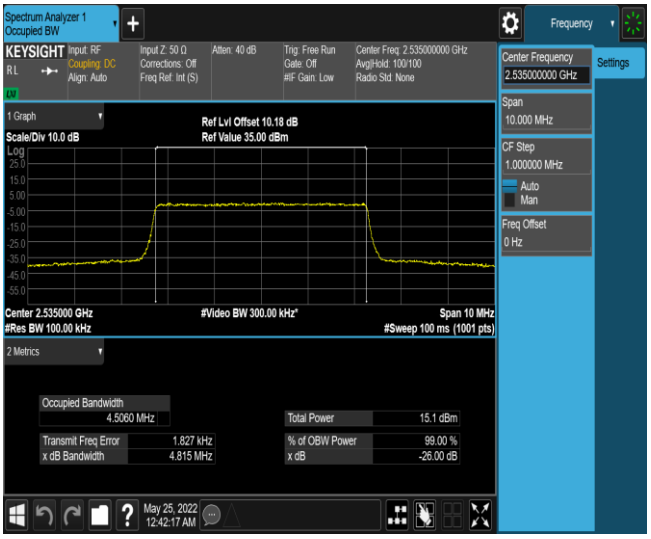

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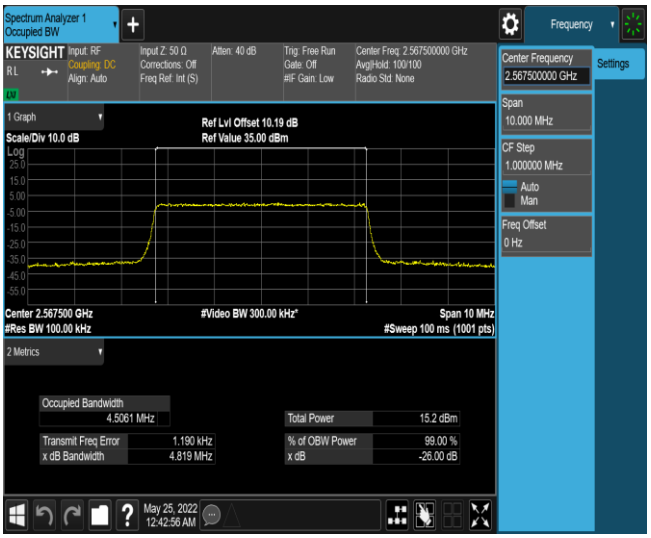

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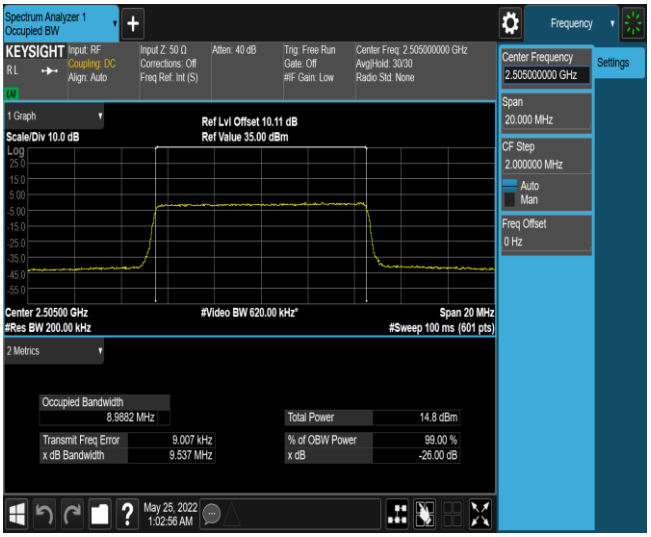

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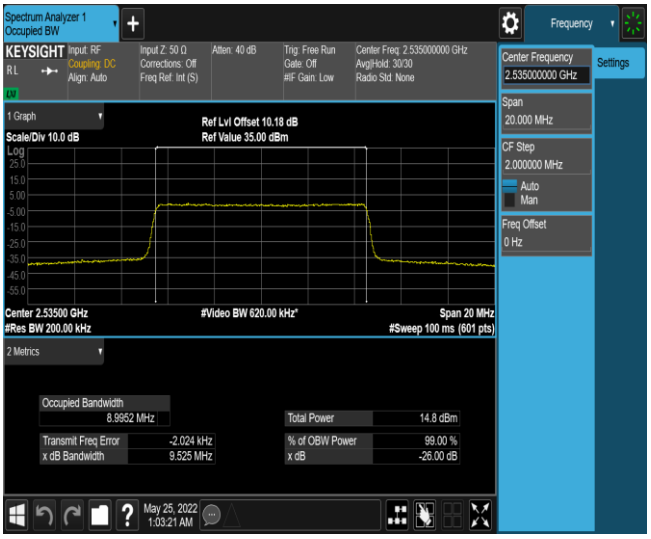

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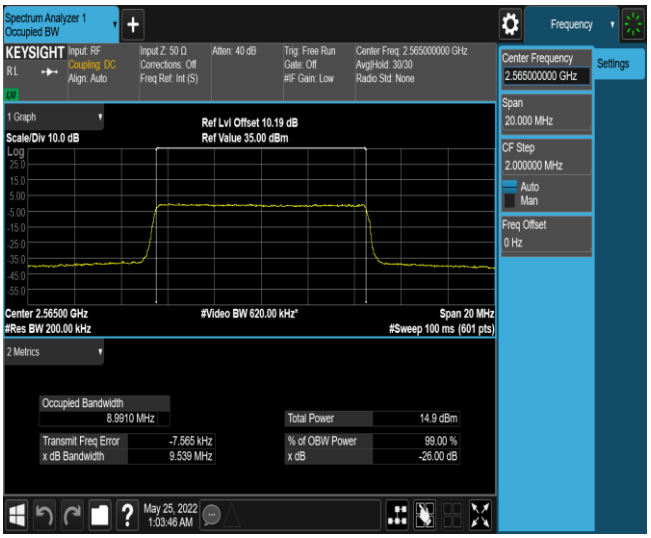

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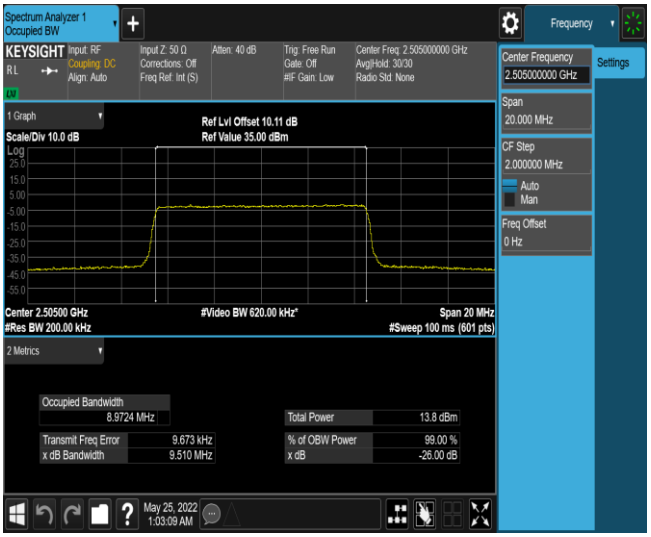

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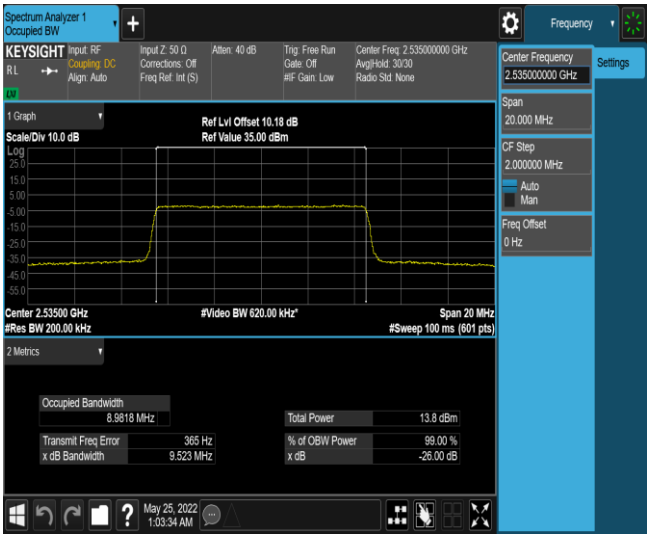

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