



Appendix G: Test Data for E-UTRA Band 7

Product Name: 6.5-inch 4G Smart Phone

Trade Mark: LOGIC, iSWAG, UNONU

Test Model: L65

Environmental Conditions

Temperature:	21.6° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan



G.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.15	PASS
Band7	5MHz	QPSK	20775	1RB#12	20.78	PASS
Band7	5MHz	QPSK	20775	1RB#24	20.66	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.61	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.59	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.49	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.44	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.35	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.29	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.31	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.39	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.33	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.31	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.31	PASS
Band7	5MHz	QPSK	21425	1RB#24	20.79	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.69	PASS
Band7	5MHz	QPSK	21425	1RB#12	20.93	PASS
Band7	5MHz	QPSK	21425	12RB#0	20.80	PASS
Band7	5MHz	QPSK	21425	12RB#6	20.78	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.71	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.69	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.61	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.58	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.51	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.49	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.41	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.38	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.30	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.95	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.99	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.79	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.72	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.64	PASS



Band7	5MHz	16QAM	21100	12RB#6	20.61	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.59	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.52	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.57	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.30	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.80	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.76	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.65	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.53	PASS
Band7	10MHz	QPSK	20800	1RB#24	20.53	PASS
Band7	10MHz	QPSK	20800	1RB#49	20.36	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.12	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.81	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.82	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.34	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.61	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.26	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.24	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.28	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.65	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.59	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.44	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.37	PASS
Band7	10MHz	QPSK	21400	1RB#24	20.58	PASS
Band7	10MHz	QPSK	21400	1RB#0	20.40	PASS
Band7	10MHz	QPSK	21400	1RB#49	20.68	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.48	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.87	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.49	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.56	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.55	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.54	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.91	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.89	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.73	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.62	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.57	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.40	PASS



Band7	10MHz	16QAM	21100	1RB#0	21.55	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.98	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.85	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.71	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.61	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.55	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.40	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.36	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.92	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.88	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.79	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.61	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.57	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.91	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.87	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.75	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.69	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.58	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.48	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	20.73	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.25	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.64	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.42	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.90	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.83	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.58	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.80	PASS
Band7	15MHz	QPSK	21375	1RB#38	20.97	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.87	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.71	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.62	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.55	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.30	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.81	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.70	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.67	PASS



Band7	15MHz	16QAM	20825	38RB#0	20.54	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.40	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.39	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.10	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.96	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.86	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.72	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.69	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.59	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.40	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.42	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.80	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.86	PASS
Band7	15MHz	16QAM	21375	38RB#0	18.75	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.63	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.58	PASS
Band7	15MHz	16QAM	21375	75RB#0	18.41	PASS
Band7	20MHz	QPSK	20850	1RB#99	20.34	PASS
Band7	20MHz	QPSK	20850	1RB#49	20.30	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.97	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.32	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.87	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.76	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.65	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.50	PASS
Band7	20MHz	QPSK	21100	1RB#99	20.64	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.98	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.76	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.92	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.86	PASS
Band7	20MHz	QPSK	21350	1RB#49	20.96	PASS
Band7	20MHz	QPSK	21350	1RB#0	20.76	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.44	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.83	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.74	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.64	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.54	PASS



Band7	20MHz	16QAM	20850	1RB#99	20.46	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.34	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.86	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.76	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.63	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.52	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.49	PASS
Band7	20MHz	16QAM	21100	1RB#99	20.80	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.79	FAIL
Band7	20MHz	16QAM	21100	1RB#49	20.80	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.77	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.64	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.56	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.46	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.35	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.49	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.88	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.74	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.65	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.59	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.44	PASS



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

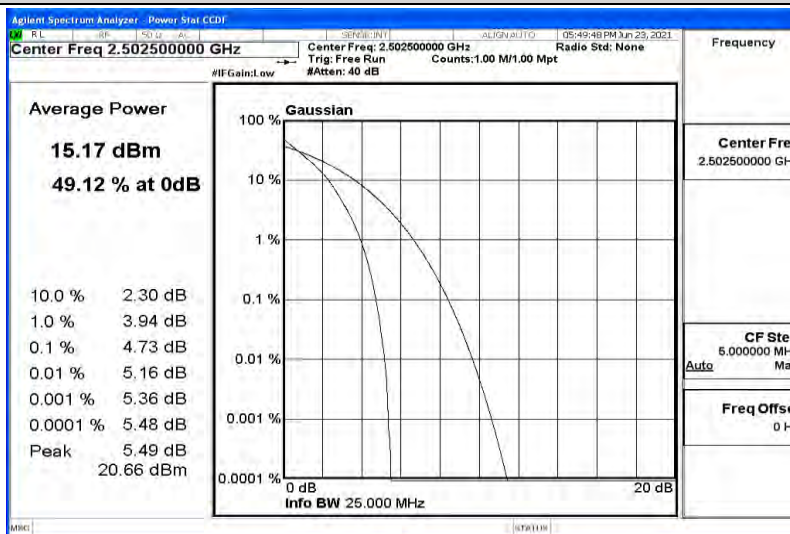
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.73	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.36	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.16	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.38	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.16	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.99	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.62	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.39	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.32	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.36	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.14	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.07	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.67	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.16	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	6.16	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.67	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.16	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.13	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.85	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	6.11	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	6.26	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.85	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.10	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.25	13	PASS

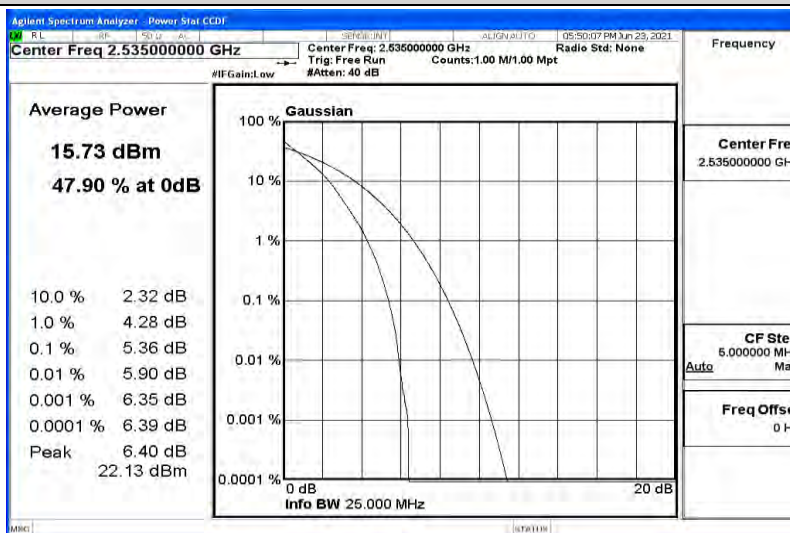


Test Graphs

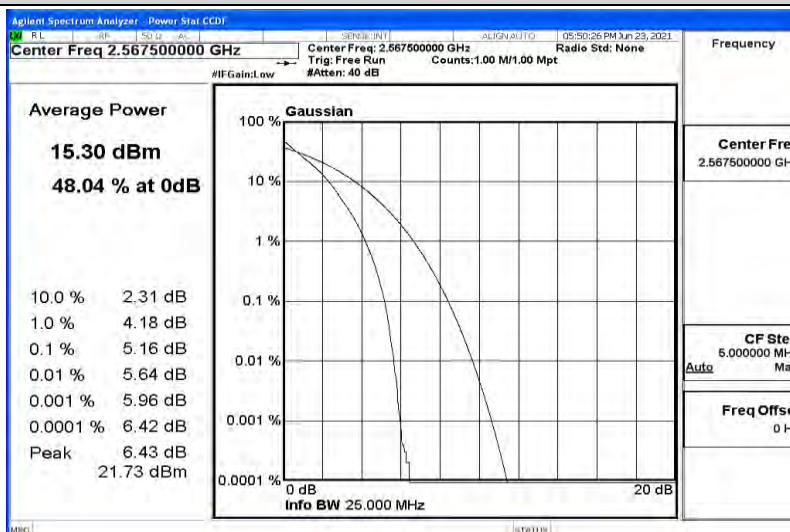
Band7-5MHz-QPSK-20775-25RB#0



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

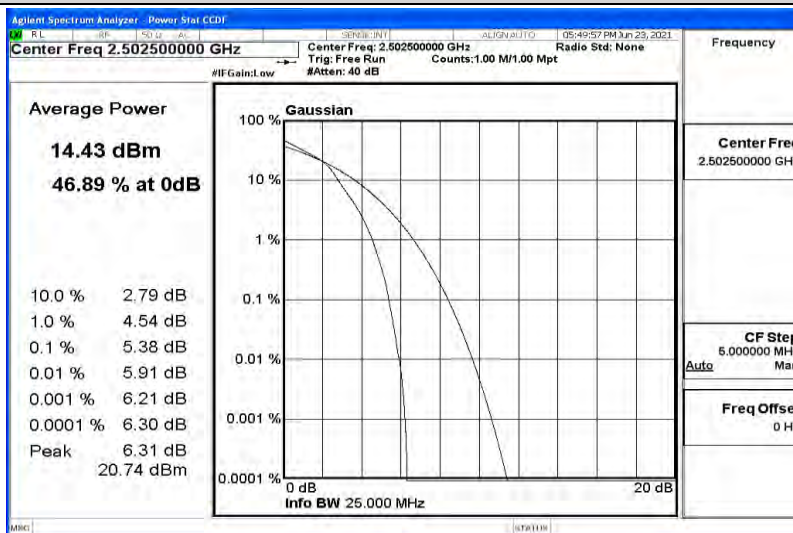


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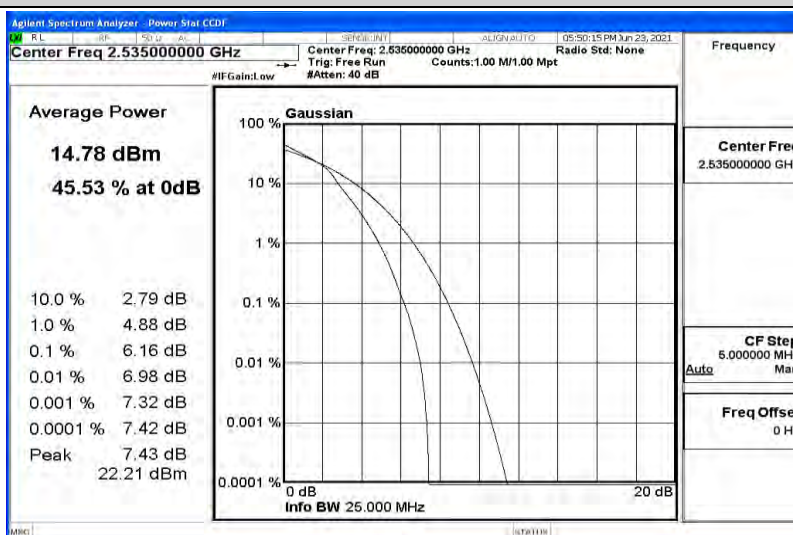




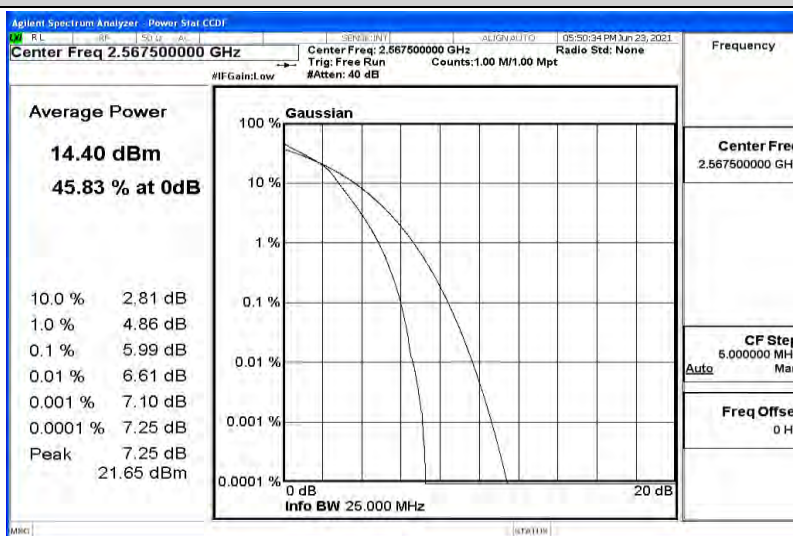
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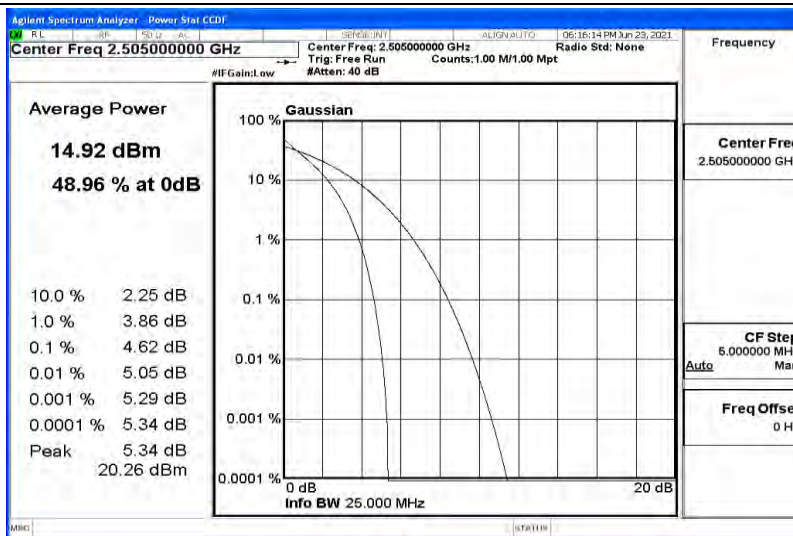
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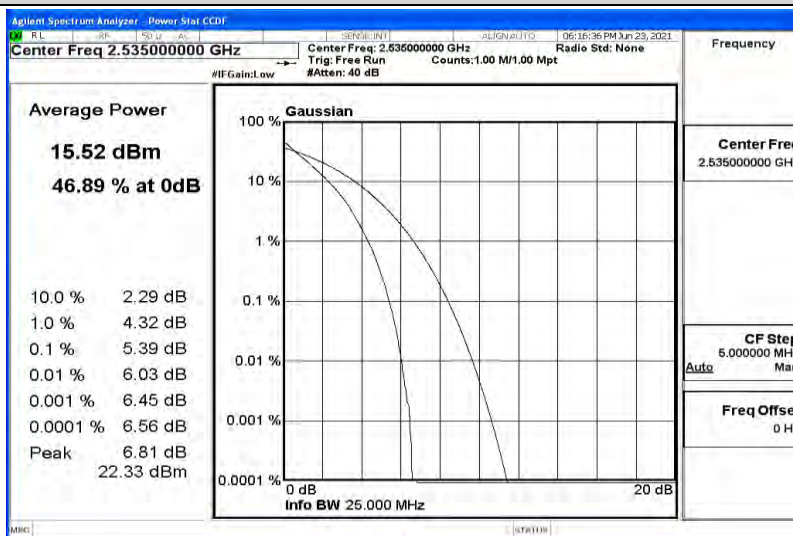
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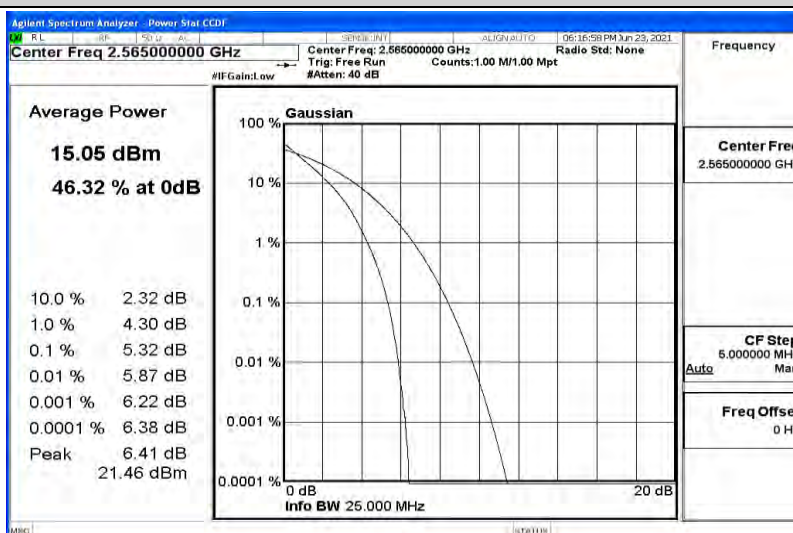
Band7-10MHz-QPSK-20800-50RB#0



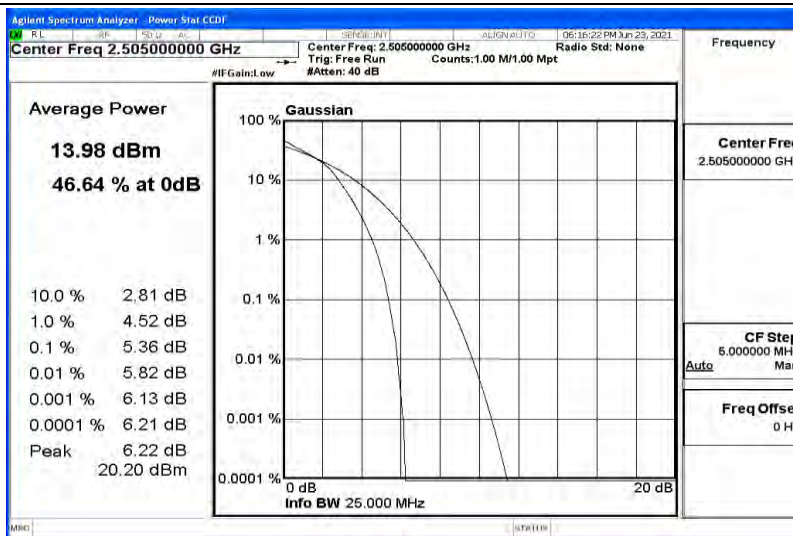
Band7-10MHz-QPSK-21100-50RB#0



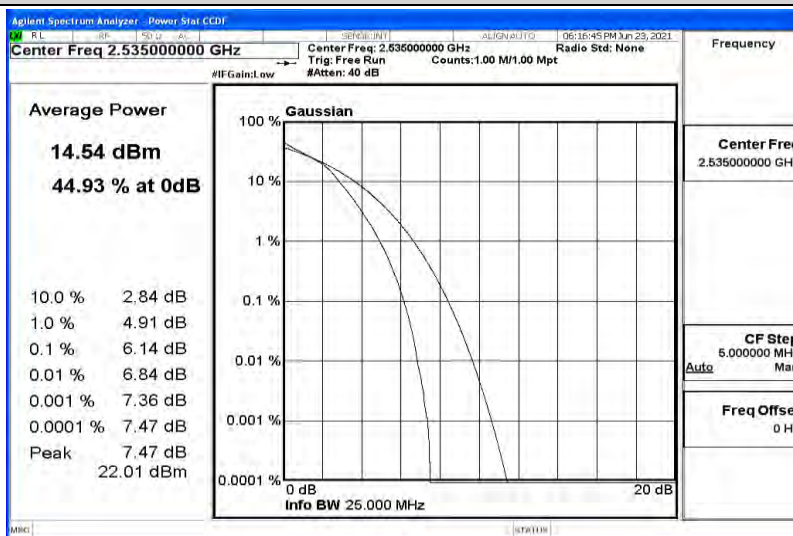
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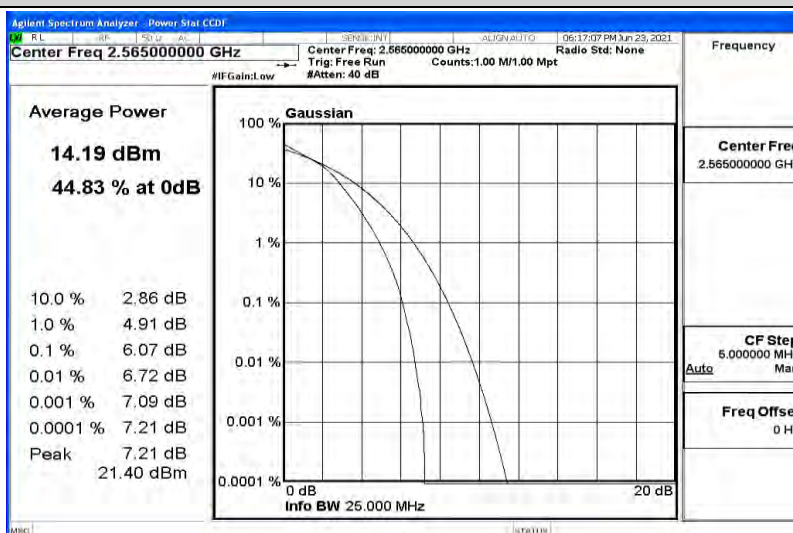
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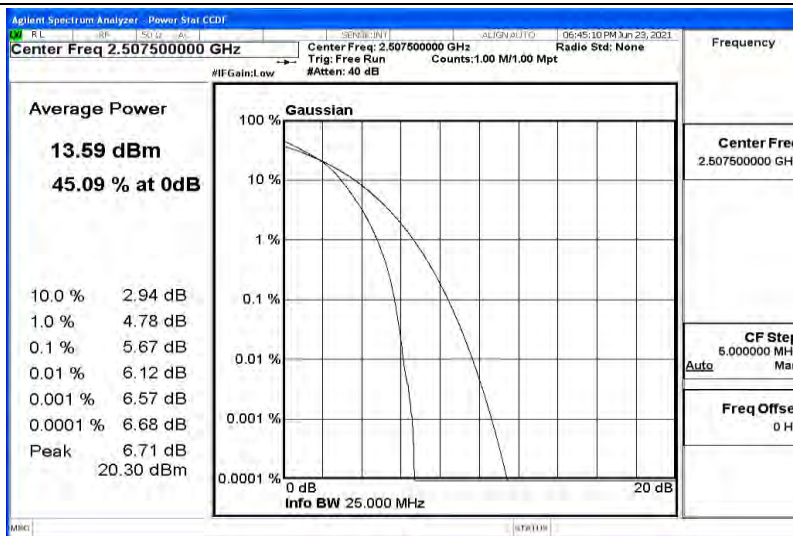
Band7-10MHz-16QAM-21100-50RB#0



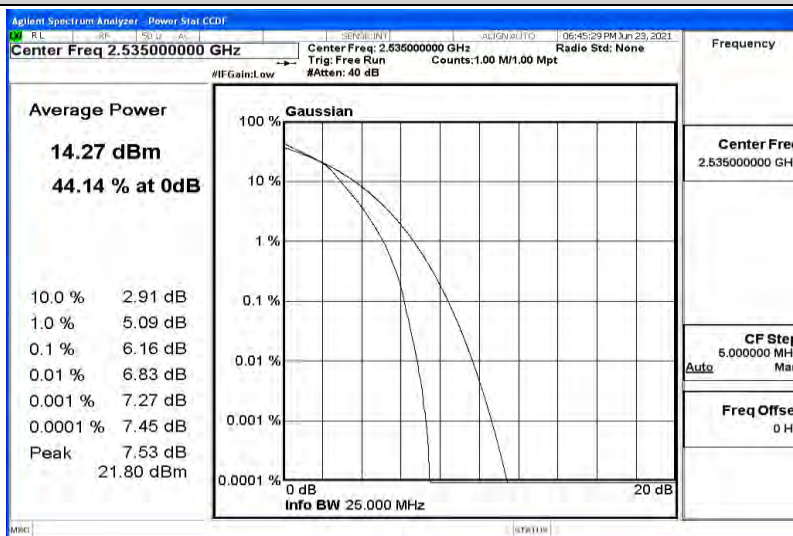
Band7-10MHz-16QAM-21400-50RB#0



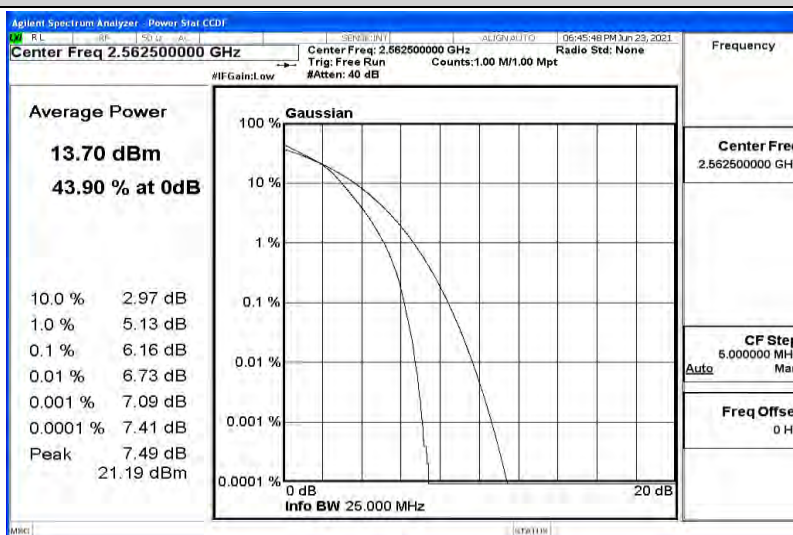
Band7-15MHz-QPSK-20825-75RB#0



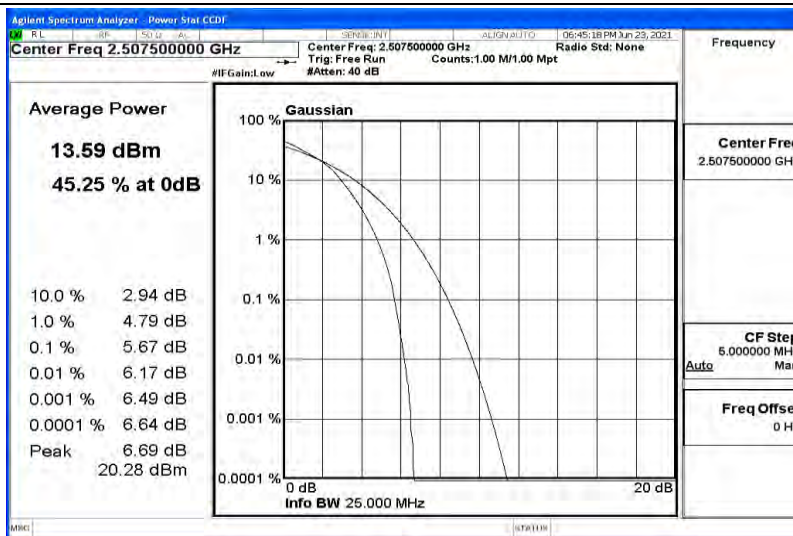
Band7-15MHz-QPSK-21100-75RB#0



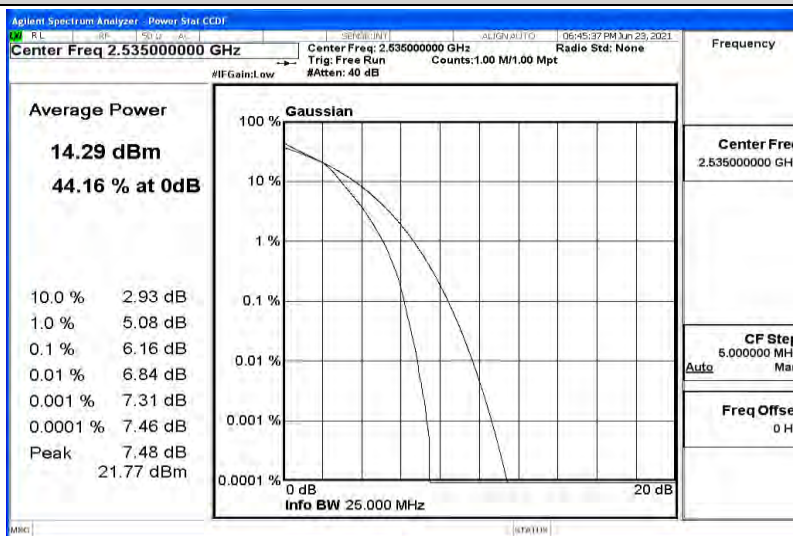
Band7-15MHz-QPSK-21375-75RB#0



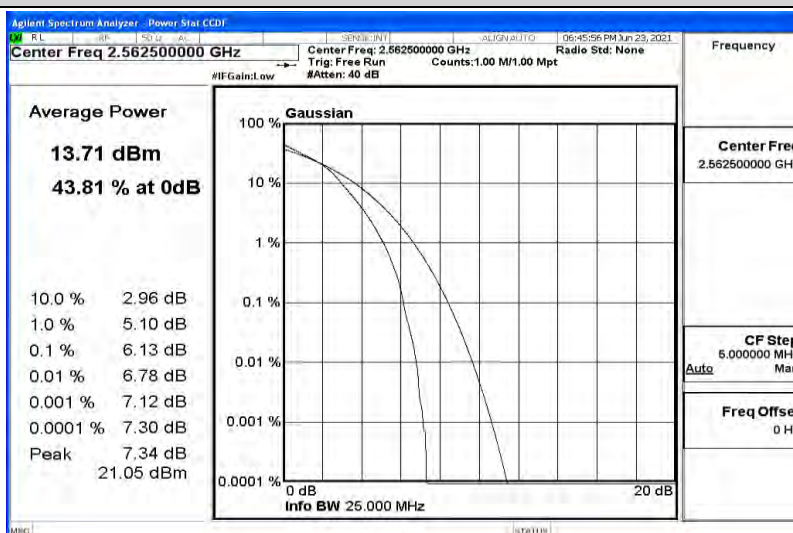
Band7-15MHz-16QAM-20825-75RB#0



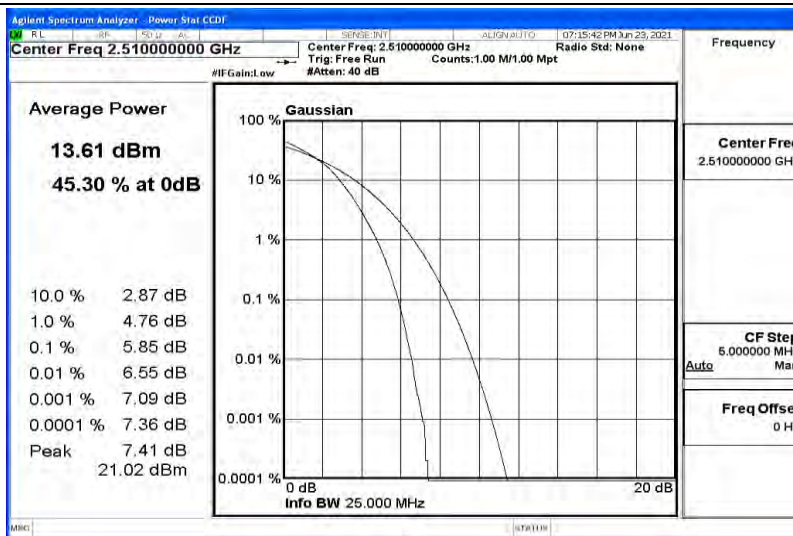
Band7-15MHz-16QAM-21100-75RB#0



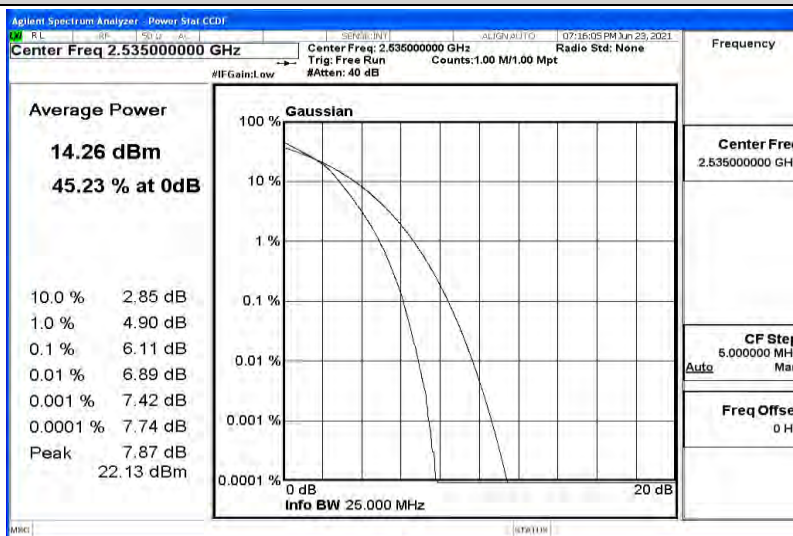
Band7-15MHz-16QAM-21375-75RB#0



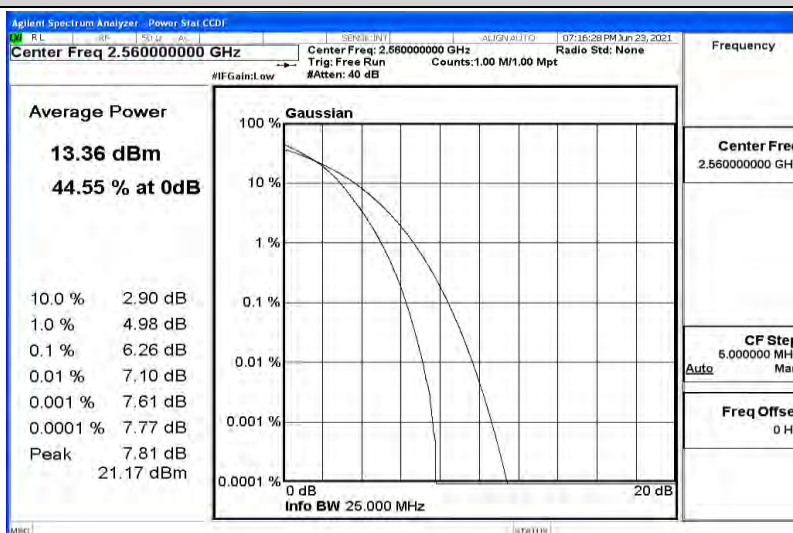
Band7-20MHz-QPSK-20850-100RB#0



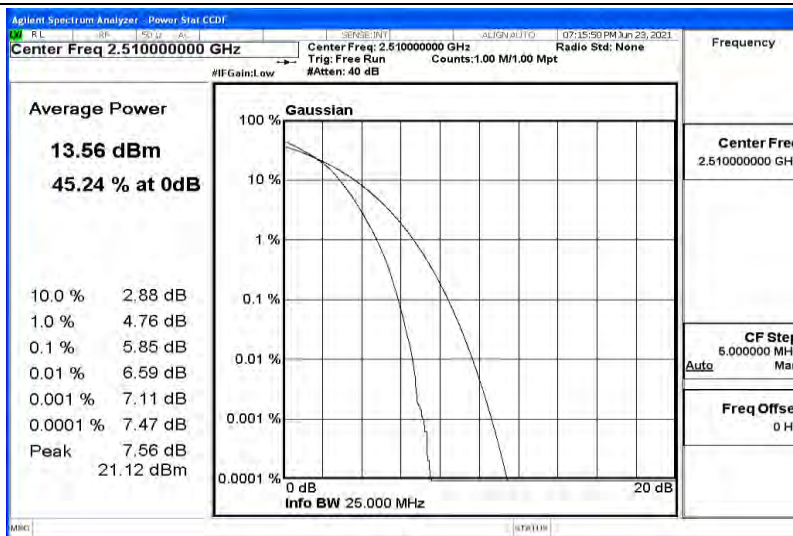
Band7-20MHz-QPSK-21100-100RB#0



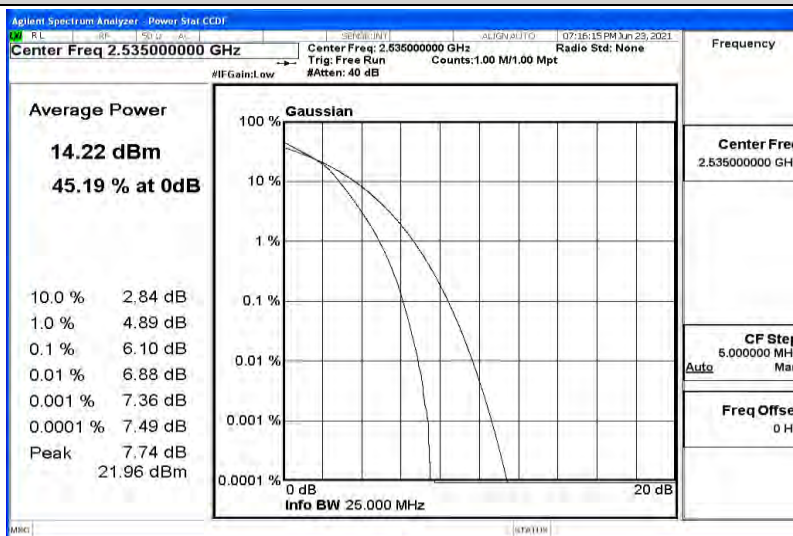
Band7-20MHz-QPSK-21350-100RB#0



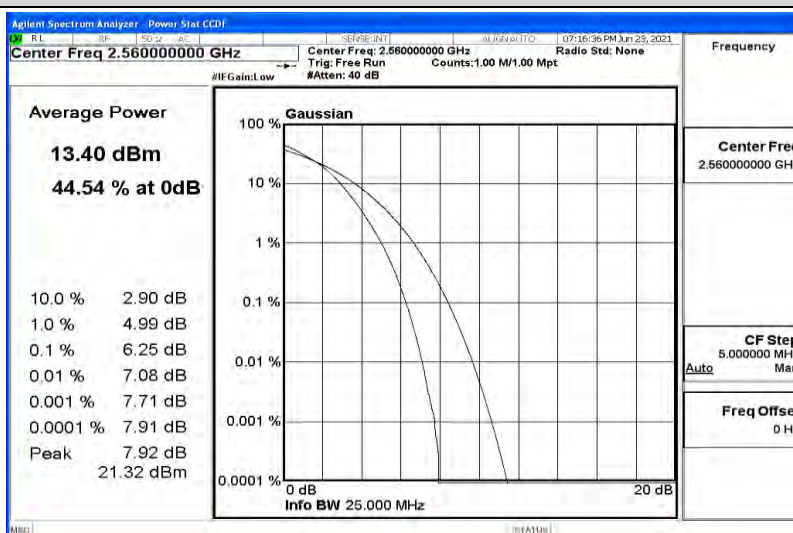
Band7-20MHz-16QAM-20850-100RB#0



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



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





G.3 26dB Bandwidth and Occupied Bandwidth

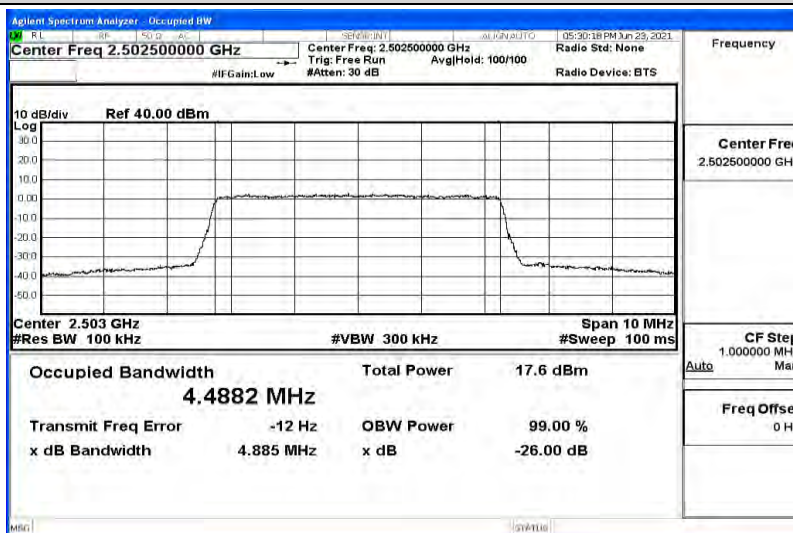
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4882	4.885	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5031	4.881	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4984	4.881	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4988	4.904	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4998	4.881	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4969	4.860	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9856	9.572	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9737	9.531	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9885	9.531	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9748	9.606	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9686	9.530	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9770	9.585	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.462	14.29	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.444	14.32	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.461	14.28	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.454	14.35	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.457	14.29	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.459	14.28	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.991	19.01	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.961	18.99	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.002	19.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.996	19.02	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.941	19.01	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.008	19.02	PASS

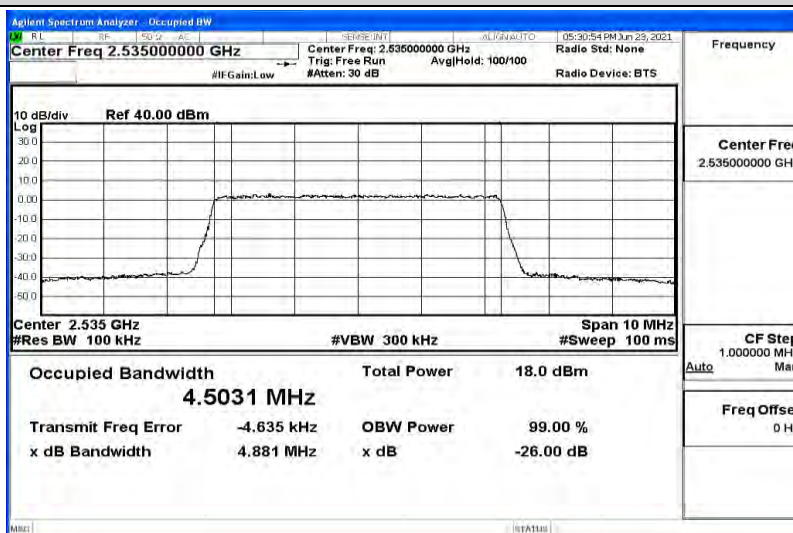


Test Graphs

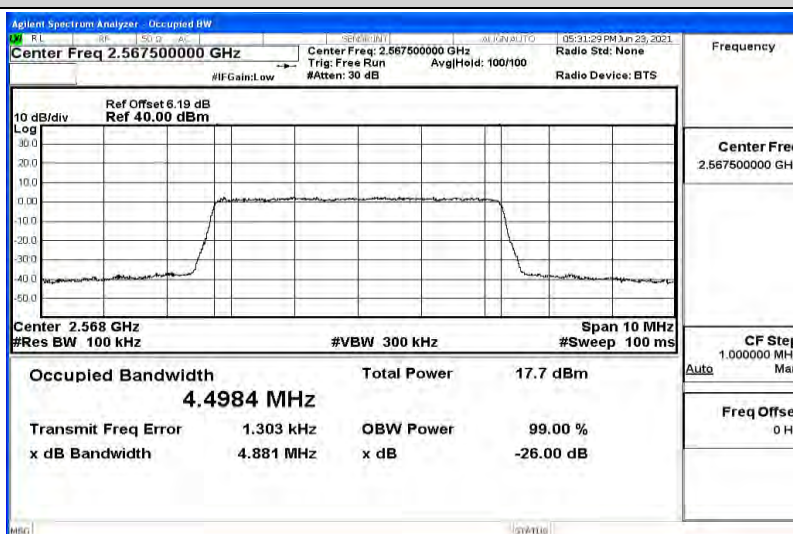
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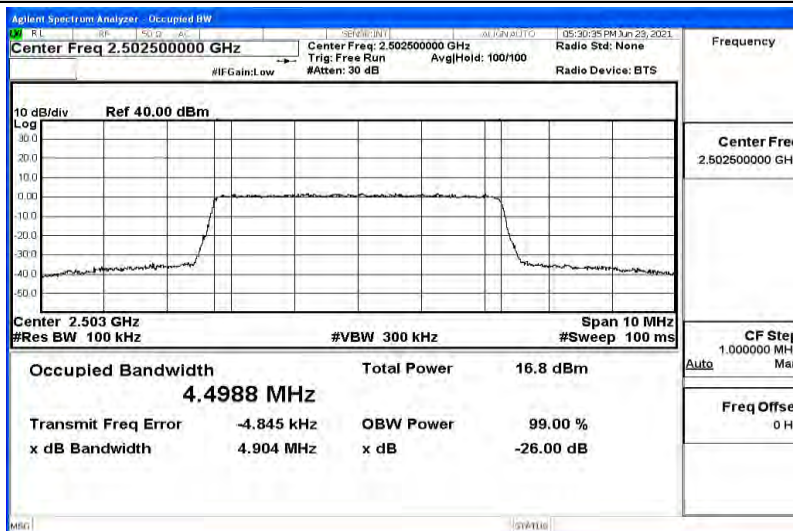


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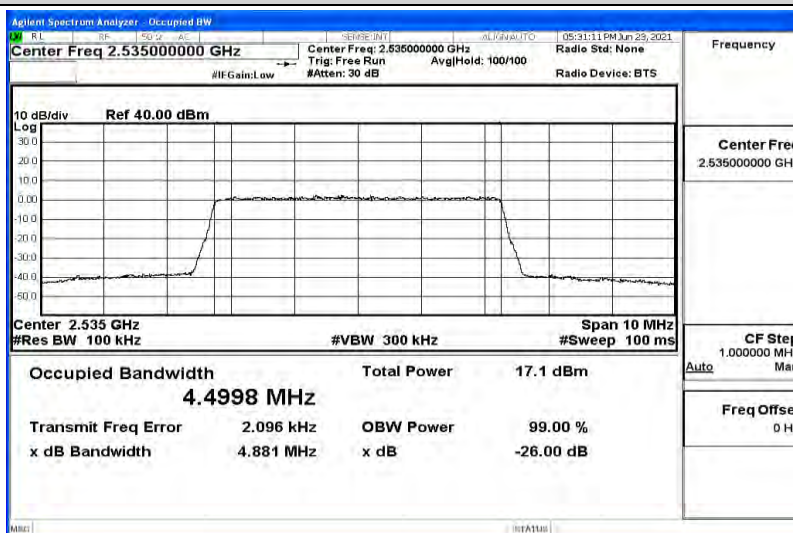




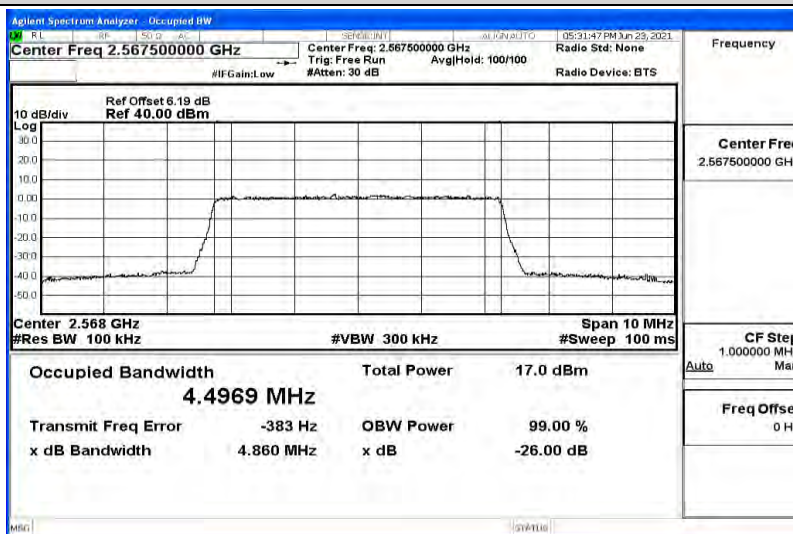
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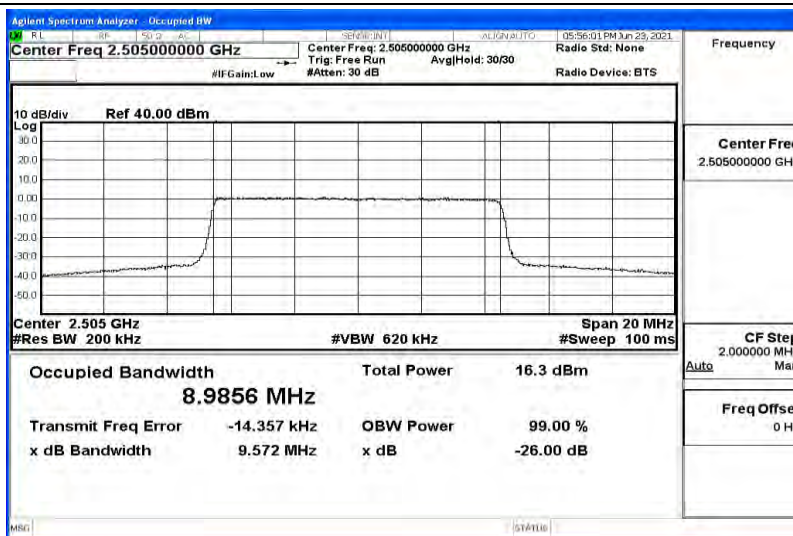
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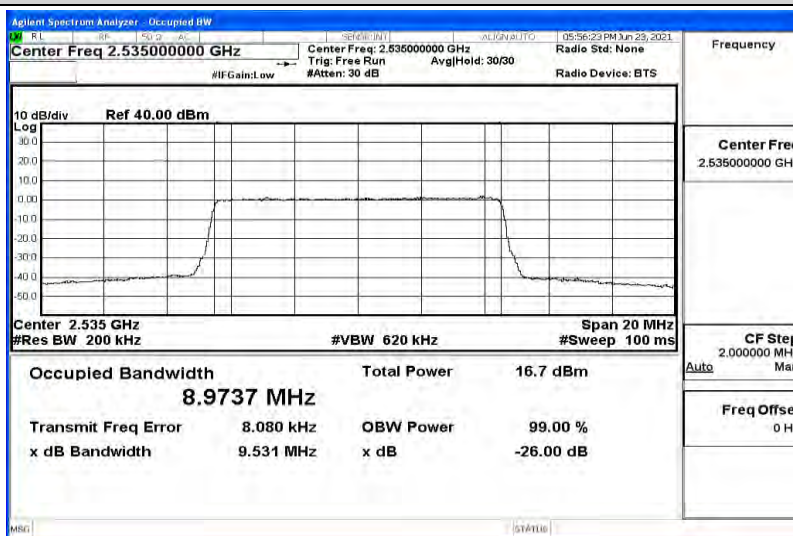
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Band7-10MHz-QPSK-20800-50RB#0-8.9856



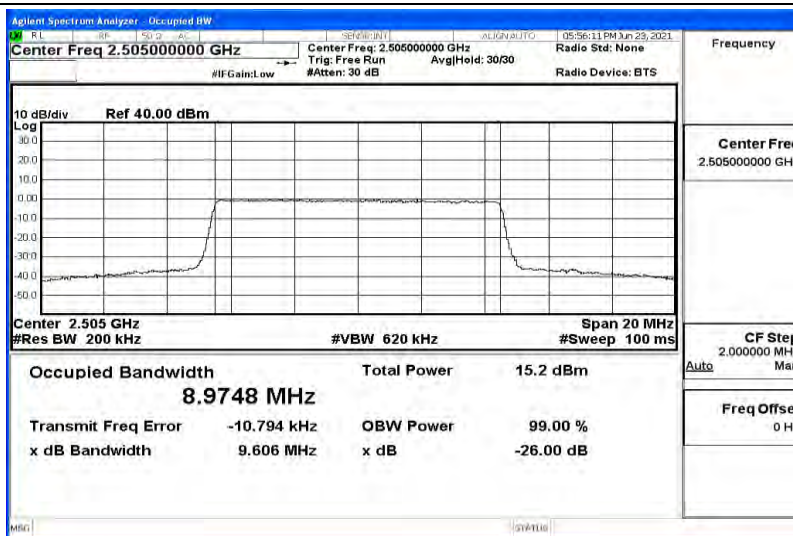
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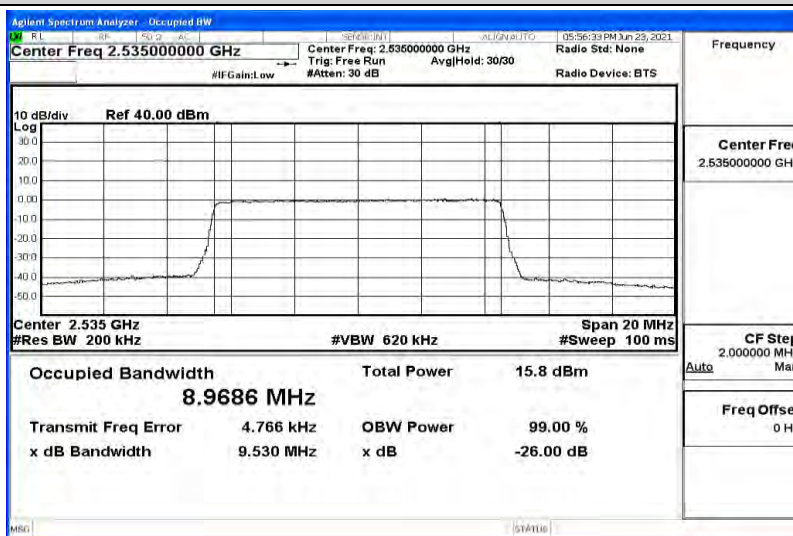
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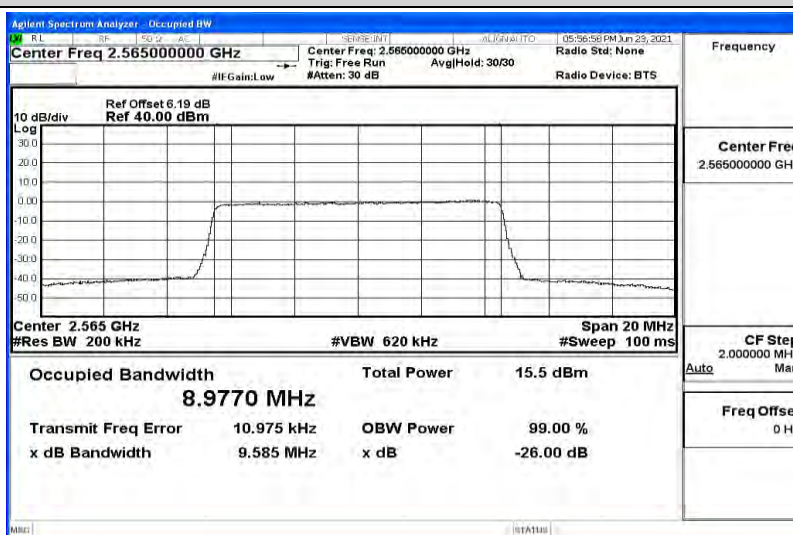
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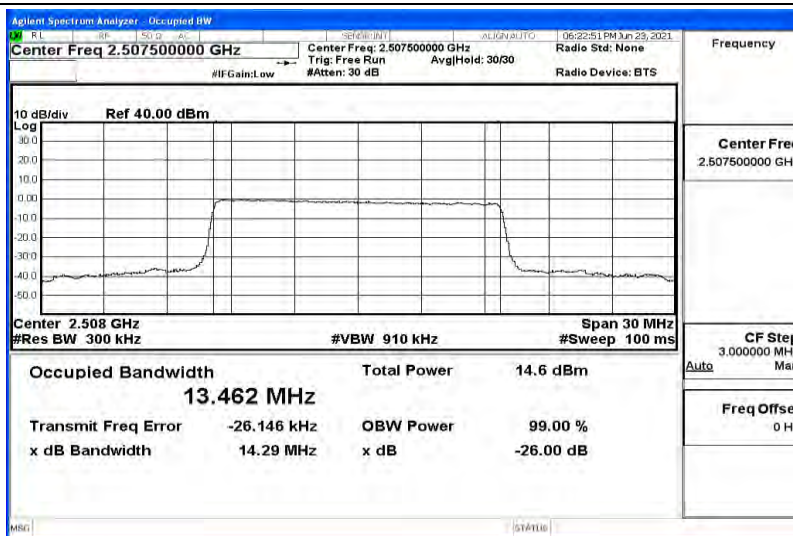
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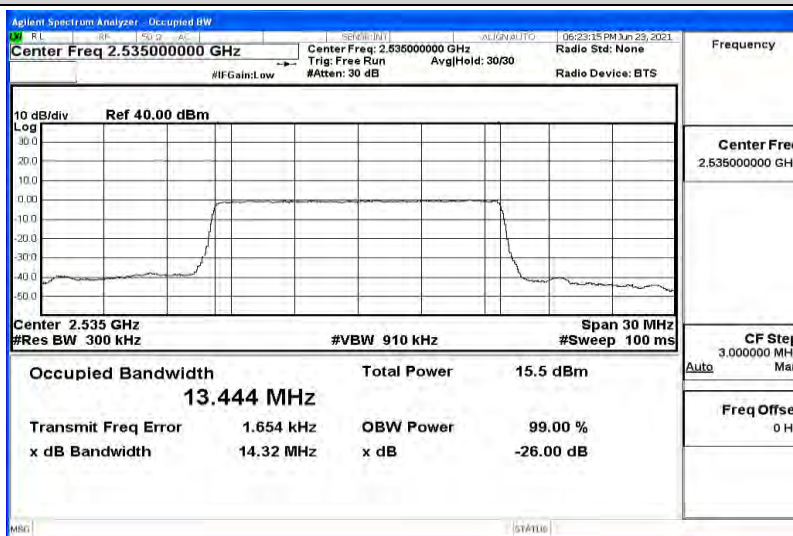
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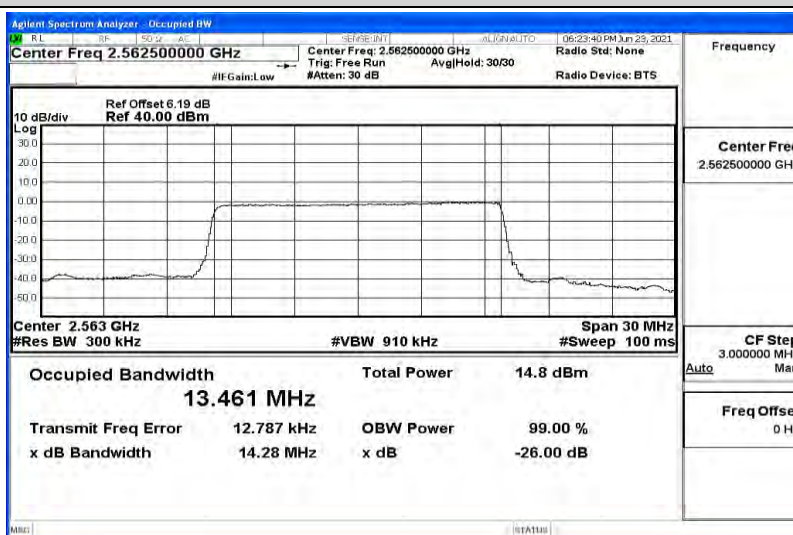
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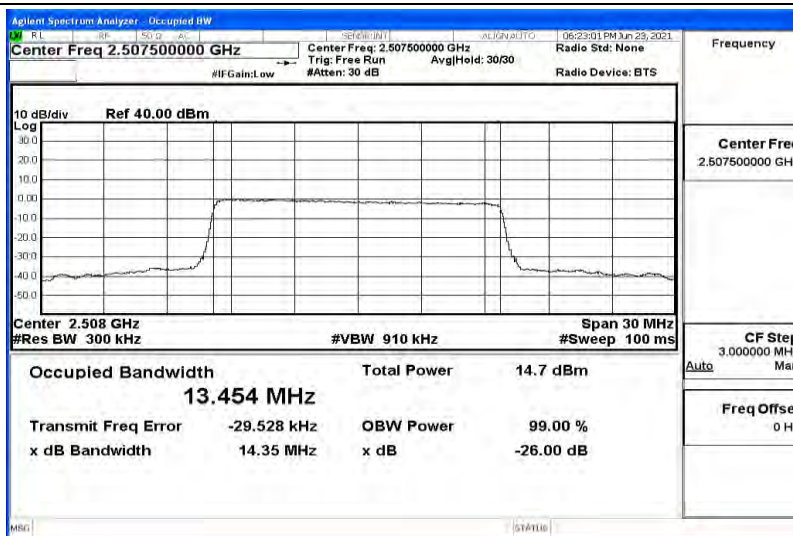
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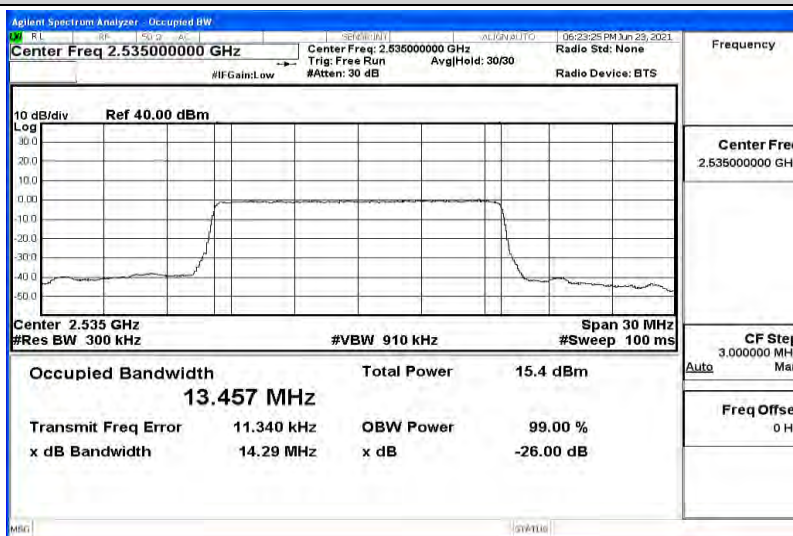
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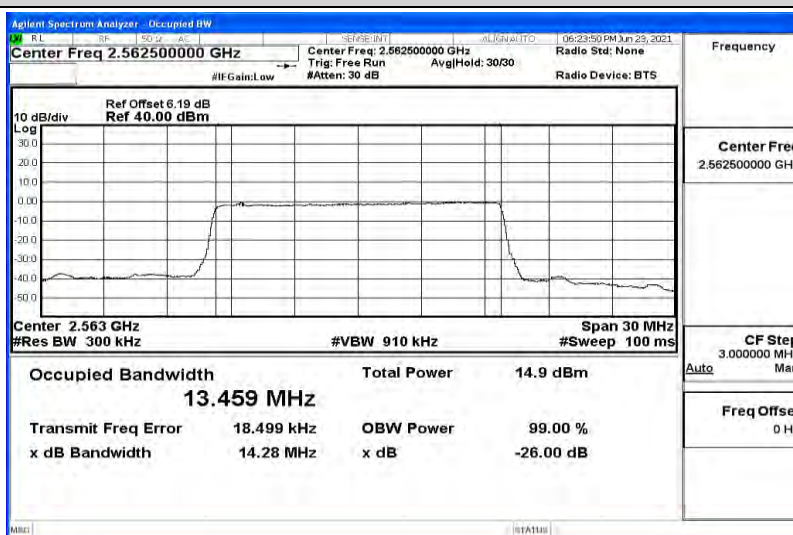
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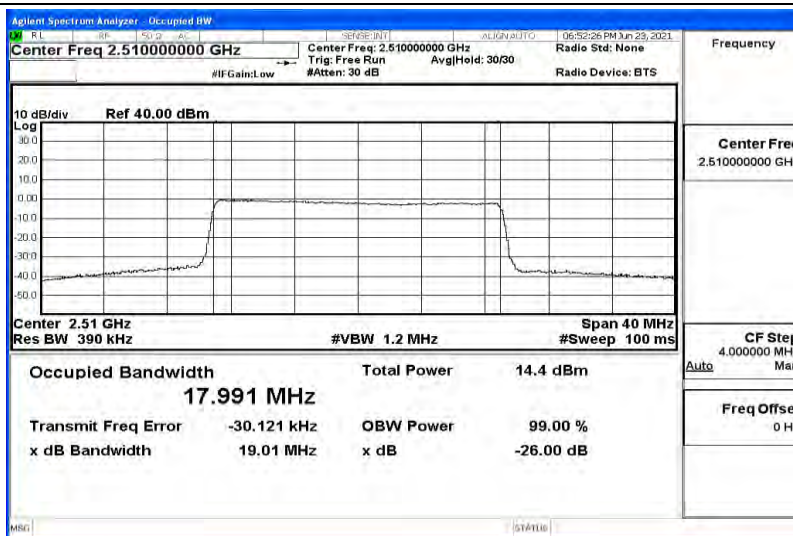
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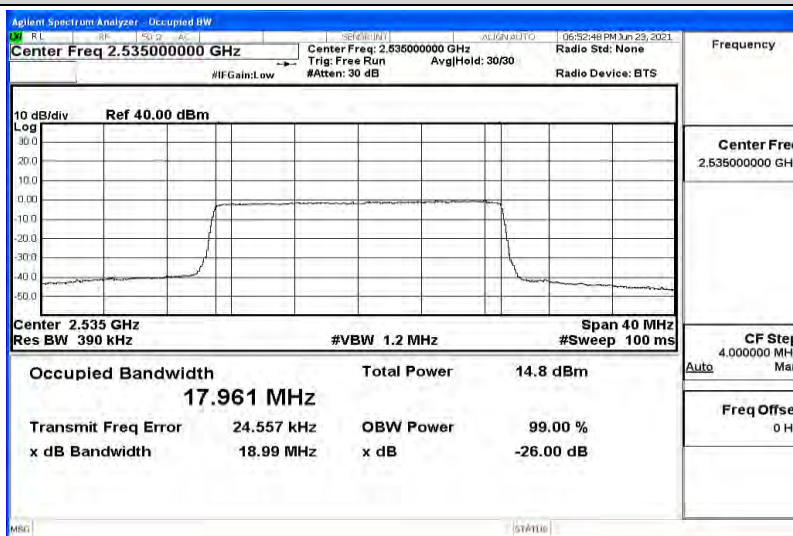
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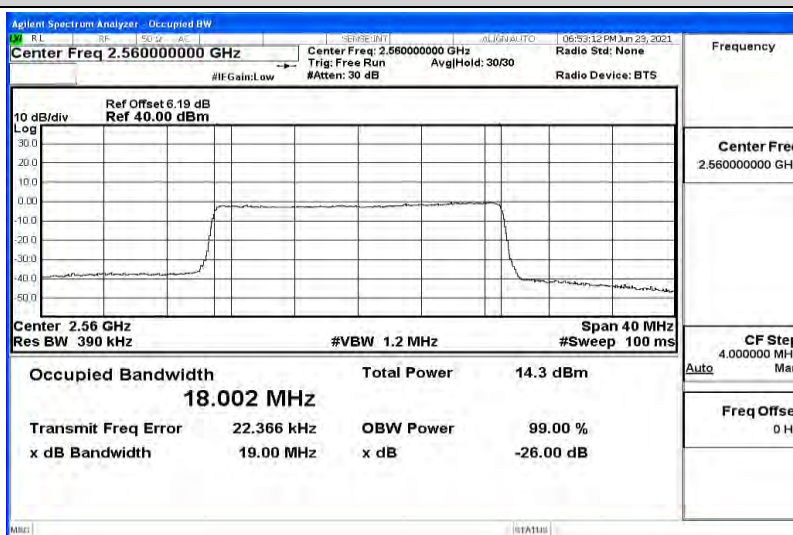
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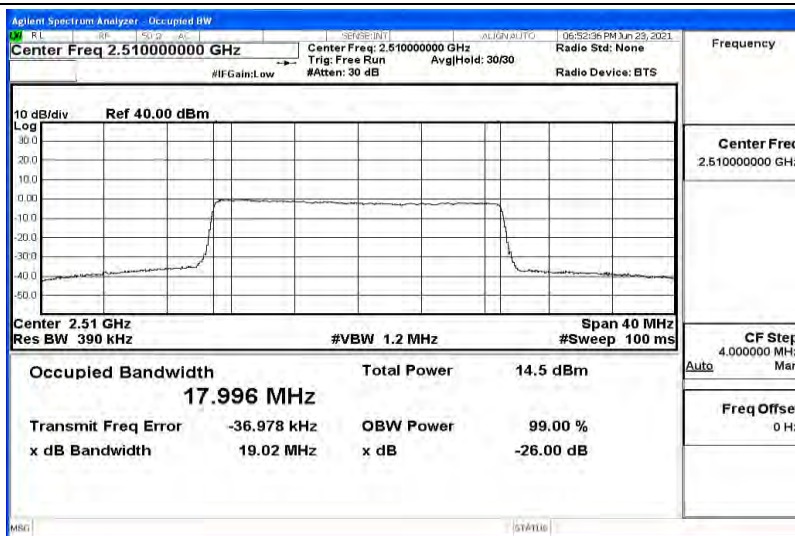
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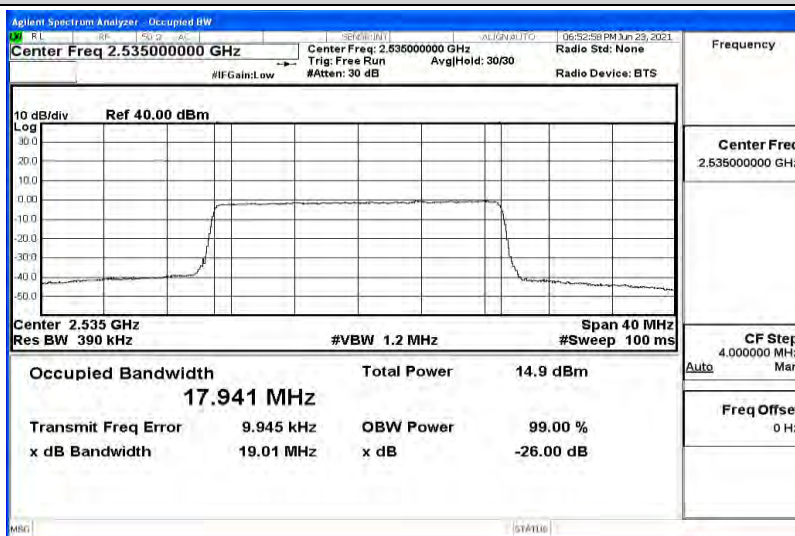
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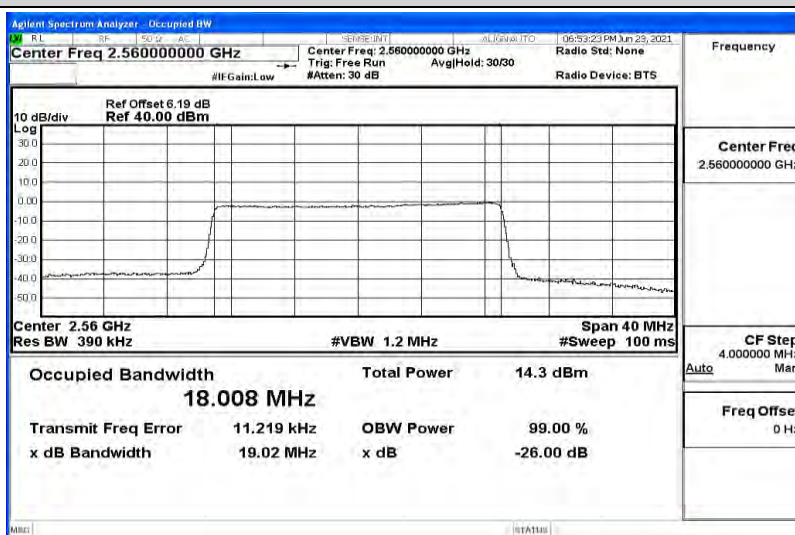
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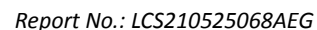


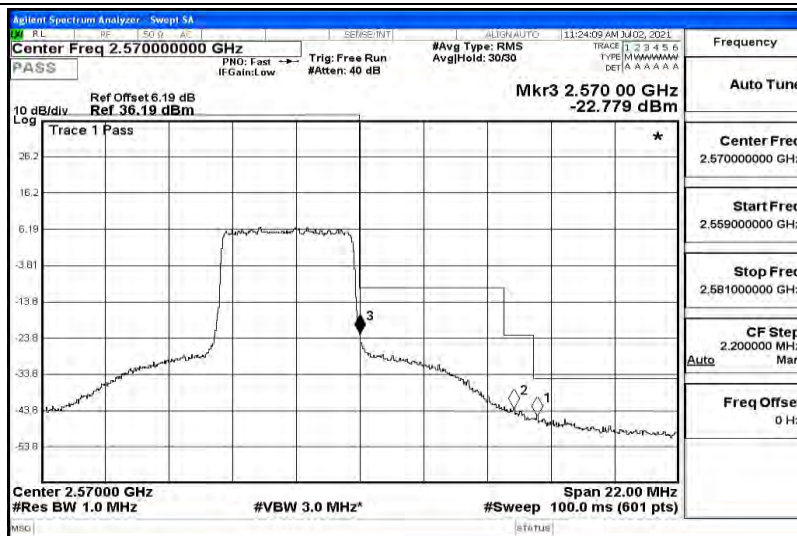
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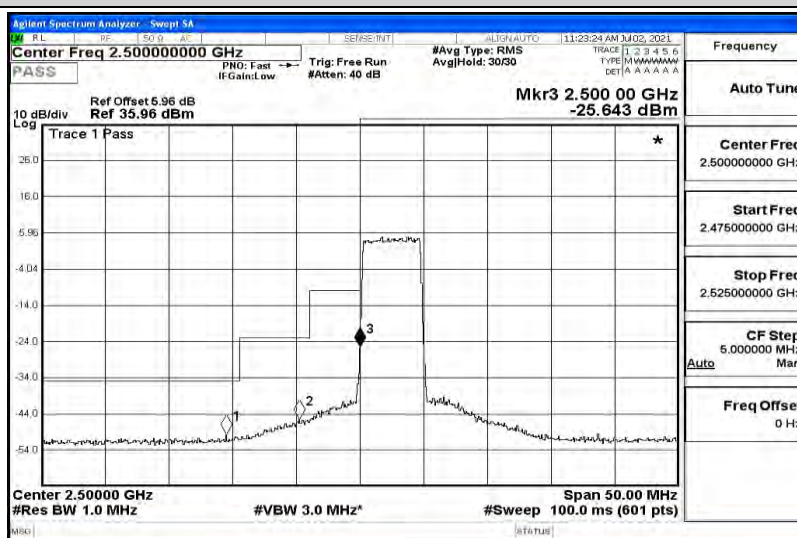
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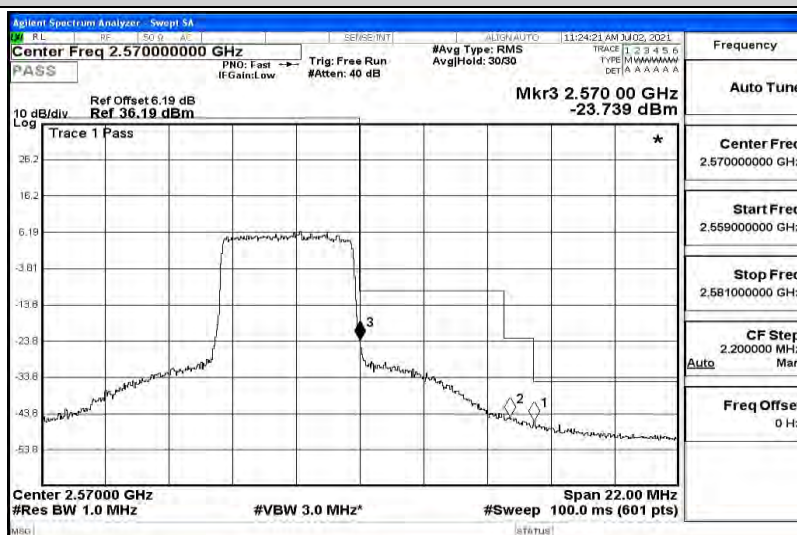




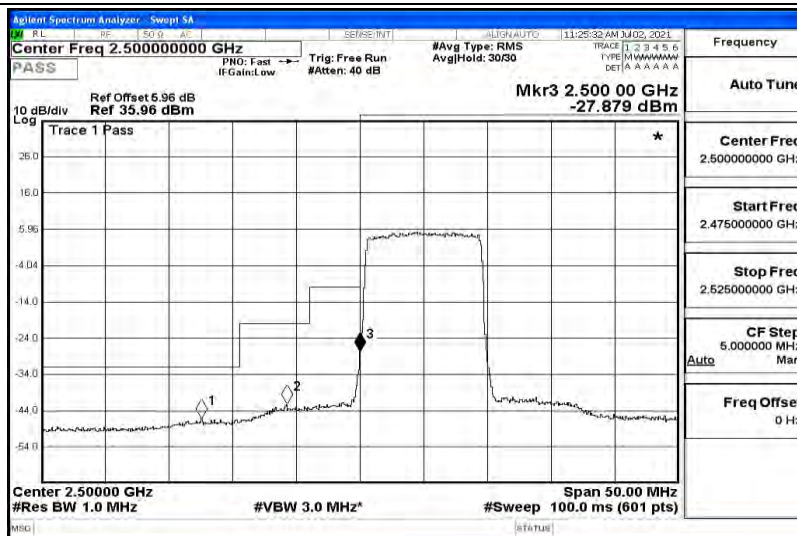
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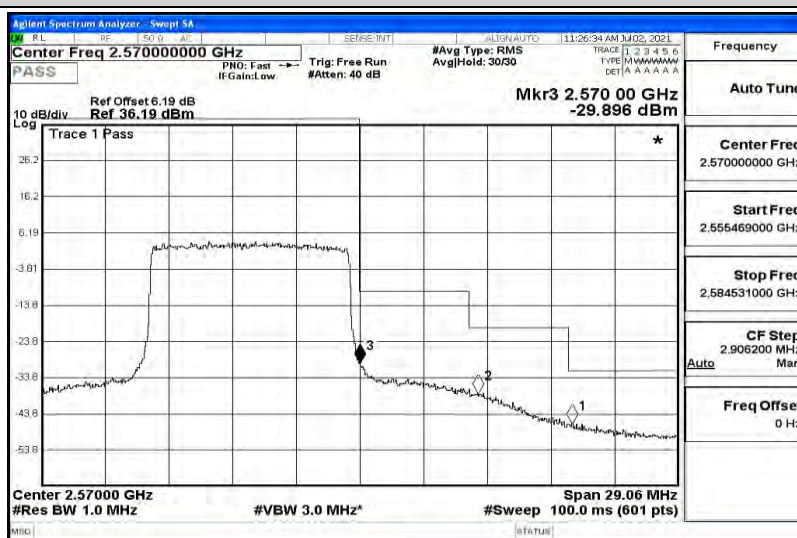
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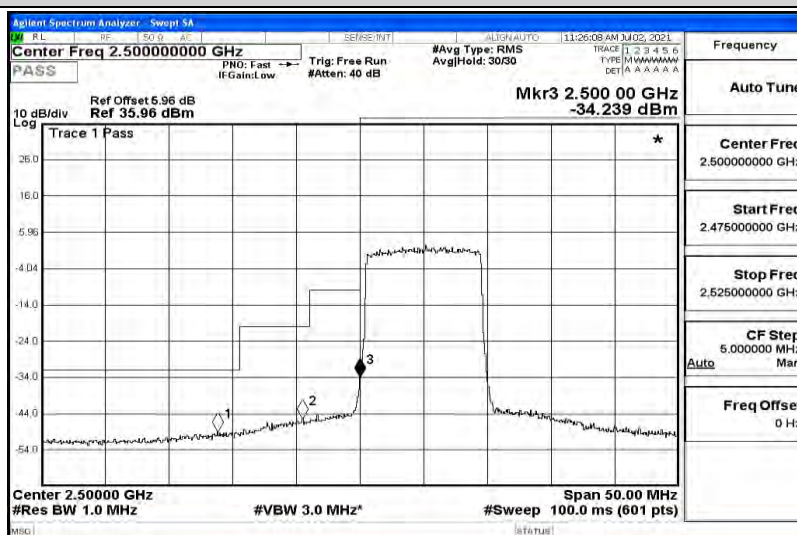
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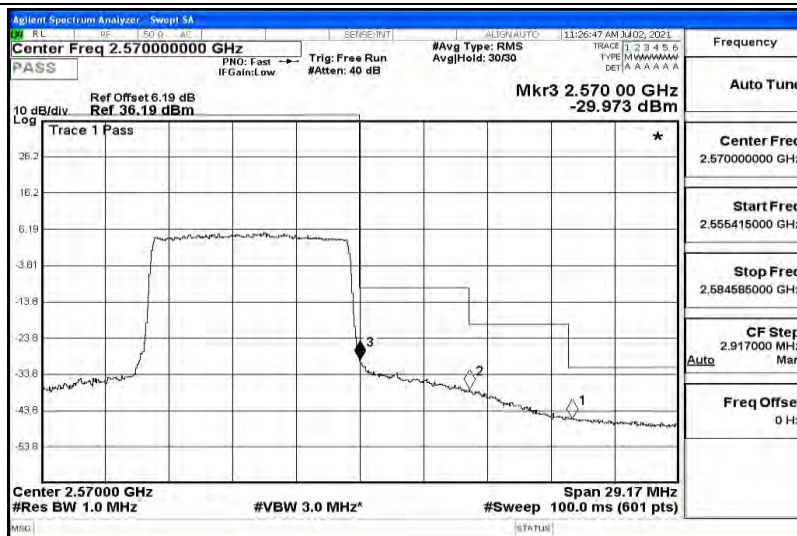
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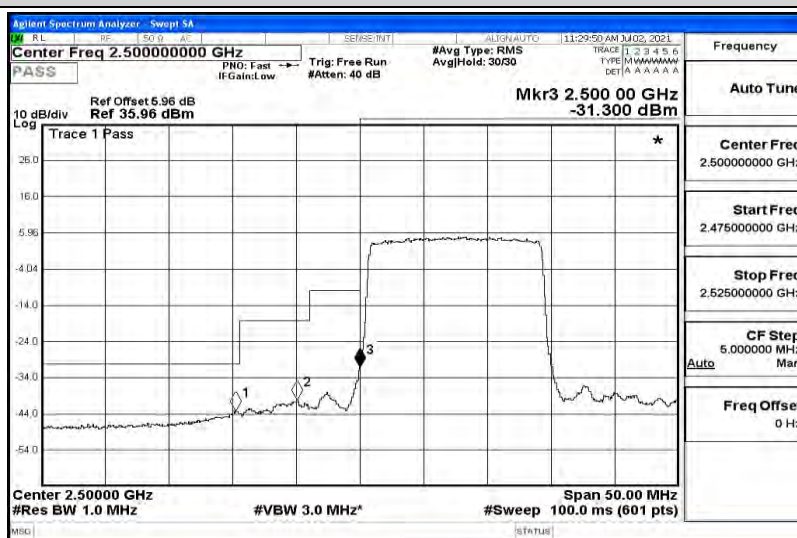
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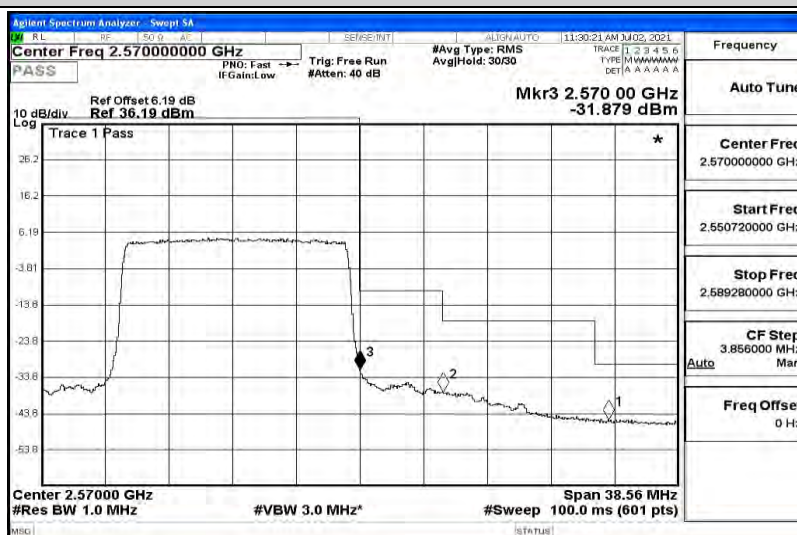
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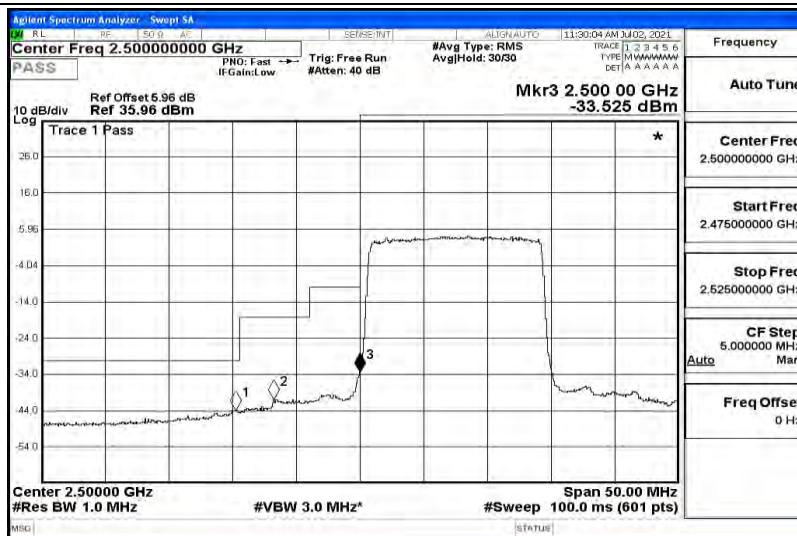
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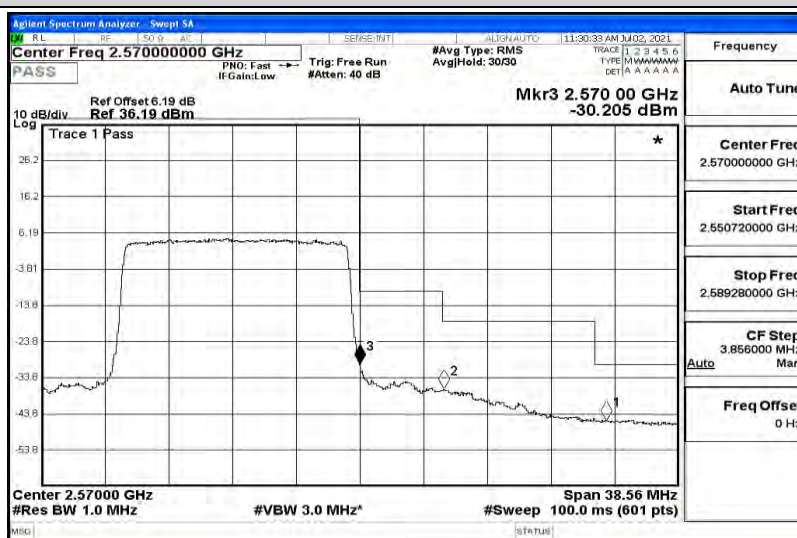
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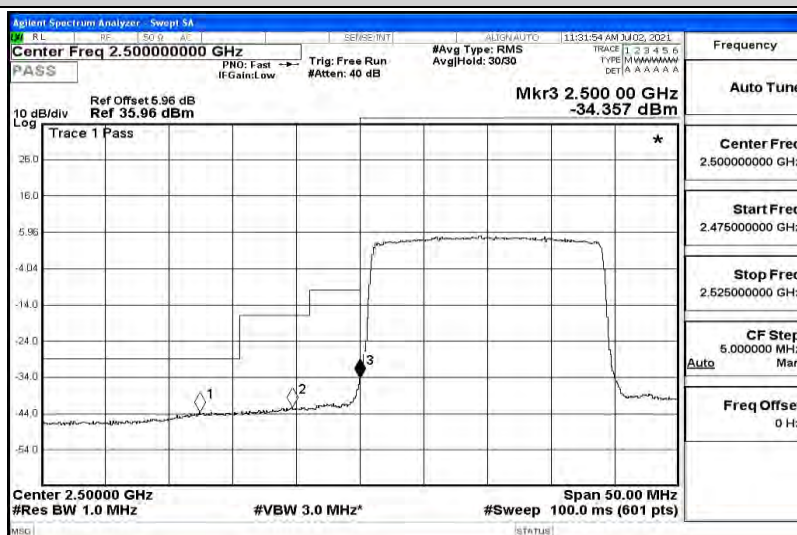
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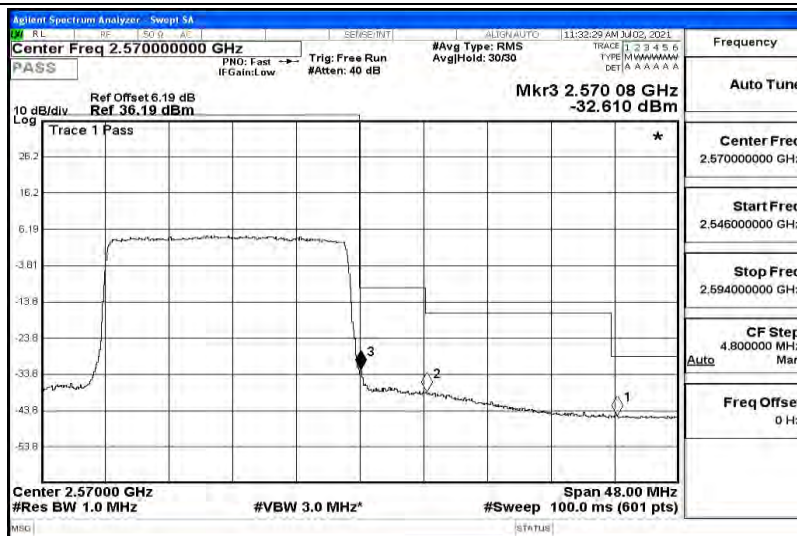
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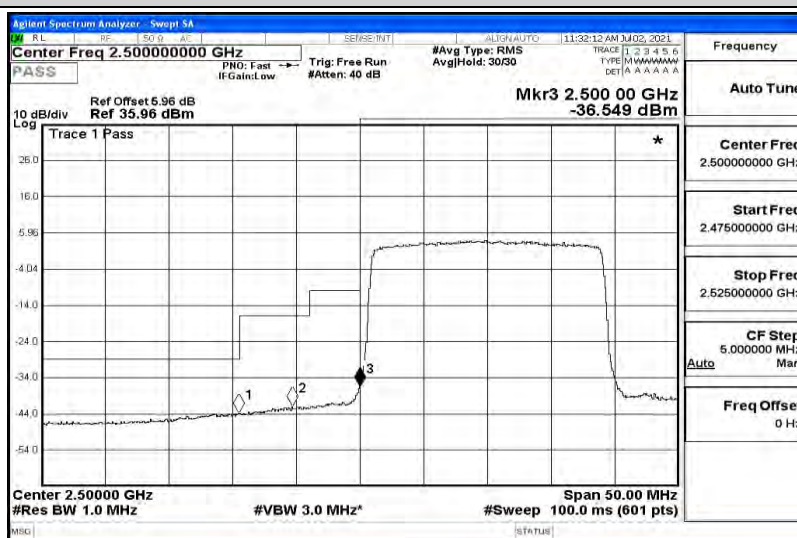
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Band7-20MHz-QPSK-21350-100RB#0



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



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