

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	E.R.P (dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	23.60	21.86	PASS
Band19	5MHz	QPSK	24025	1RB#12	23.49	21.75	PASS
Band19	5MHz	QPSK	24025	1RB#24	23.53	21.79	PASS
Band19	5MHz	QPSK	24025	12RB#0	22.63	20.89	PASS
Band19	5MHz	QPSK	24025	12RB#6	22.61	20.87	PASS
Band19	5MHz	QPSK	24025	12RB#13	22.53	20.79	PASS
Band19	5MHz	QPSK	24025	25RB#0	22.60	20.86	PASS
Band19	5MHz	QPSK	24075	1RB#0	23.49	21.75	PASS
Band19	5MHz	QPSK	24075	1RB#12	23.70	21.96	PASS
Band19	5MHz	QPSK	24075	1RB#24	23.58	21.84	PASS
Band19	5MHz	QPSK	24075	12RB#0	22.55	20.81	PASS
Band19	5MHz	QPSK	24075	12RB#6	22.62	20.88	PASS
Band19	5MHz	QPSK	24075	12RB#13	22.59	20.85	PASS
Band19	5MHz	QPSK	24075	25RB#0	22.56	20.82	PASS
Band19	5MHz	QPSK	24125	1RB#0	23.62	21.88	PASS
Band19	5MHz	QPSK	24125	1RB#12	23.72	21.98	PASS
Band19	5MHz	QPSK	24125	1RB#24	23.68	21.94	PASS
Band19	5MHz	QPSK	24125	12RB#0	22.85	21.11	PASS
Band19	5MHz	QPSK	24125	12RB#6	22.75	21.01	PASS
Band19	5MHz	QPSK	24125	12RB#13	22.74	21.00	PASS
Band19	5MHz	QPSK	24125	25RB#0	22.71	20.97	PASS
Band19	5MHz	16QAM	24025	1RB#0	22.58	20.84	PASS
Band19	5MHz	16QAM	24025	1RB#12	22.35	20.61	PASS
Band19	5MHz	16QAM	24025	1RB#24	22.54	20.80	PASS
Band19	5MHz	16QAM	24025	12RB#0	21.69	19.95	PASS
Band19	5MHz	16QAM	24025	12RB#6	21.57	19.83	PASS
Band19	5MHz	16QAM	24025	12RB#13	21.49	19.75	PASS
Band19	5MHz	16QAM	24025	25RB#0	21.67	19.93	PASS
Band19	5MHz	16QAM	24075	1RB#0	22.36	20.62	PASS
Band19	5MHz	16QAM	24075	1RB#12	22.60	20.86	PASS

Band19	5MHz	16QAM	24075	1RB#24	22.71	20.97	PASS
Band19	5MHz	16QAM	24075	12RB#0	21.59	19.85	PASS
Band19	5MHz	16QAM	24075	12RB#6	21.47	19.73	PASS
Band19	5MHz	16QAM	24075	12RB#13	21.69	19.95	PASS
Band19	5MHz	16QAM	24075	25RB#0	21.57	19.83	PASS
Band19	5MHz	16QAM	24125	1RB#0	22.56	20.82	PASS
Band19	5MHz	16QAM	24125	1RB#12	22.66	20.92	PASS
Band19	5MHz	16QAM	24125	1RB#24	22.70	20.96	PASS
Band19	5MHz	16QAM	24125	12RB#0	21.63	19.89	PASS
Band19	5MHz	16QAM	24125	12RB#6	21.74	20.00	PASS
Band19	5MHz	16QAM	24125	12RB#13	21.73	19.99	PASS
Band19	5MHz	16QAM	24125	25RB#0	21.85	20.11	PASS
Band19	10MHz	QPSK	24050	1RB#0	23.68	21.94	PASS
Band19	10MHz	QPSK	24050	1RB#24	23.73	21.99	PASS
Band19	10MHz	QPSK	24050	1RB#49	23.71	21.97	PASS
Band19	10MHz	QPSK	24050	25RB#0	22.69	20.95	PASS
Band19	10MHz	QPSK	24050	25RB#12	22.57	20.83	PASS
Band19	10MHz	QPSK	24050	25RB#25	22.66	20.92	PASS
Band19	10MHz	QPSK	24050	50RB#0	22.64	20.90	PASS
Band19	10MHz	QPSK	24075	1RB#0	23.51	21.77	PASS
Band19	10MHz	QPSK	24075	1RB#24	23.91	22.17	PASS
Band19	10MHz	QPSK	24075	1RB#49	23.93	22.19	PASS
Band19	10MHz	QPSK	24075	25RB#0	22.61	20.87	PASS
Band19	10MHz	QPSK	24075	25RB#12	22.69	20.95	PASS
Band19	10MHz	QPSK	24075	25RB#25	22.72	20.98	PASS
Band19	10MHz	QPSK	24075	50RB#0	22.56	20.82	PASS
Band19	10MHz	QPSK	24100	1RB#0	23.78	22.04	PASS
Band19	10MHz	QPSK	24100	1RB#24	23.82	22.08	PASS
Band19	10MHz	QPSK	24100	1RB#49	23.73	21.99	PASS
Band19	10MHz	QPSK	24100	25RB#0	22.71	20.97	PASS
Band19	10MHz	QPSK	24100	25RB#12	22.55	20.81	PASS
Band19	10MHz	QPSK	24100	25RB#25	22.68	20.94	PASS
Band19	10MHz	QPSK	24100	50RB#0	22.69	20.95	PASS
Band19	10MHz	16QAM	24050	1RB#0	22.60	20.86	PASS
Band19	10MHz	16QAM	24050	1RB#24	22.66	20.92	PASS
Band19	10MHz	16QAM	24050	1RB#49	22.63	20.89	PASS

Band19	10MHz	16QAM	24050	25RB#0	21.70	19.96	PASS
Band19	10MHz	16QAM	24050	25RB#12	21.70	19.96	PASS
Band19	10MHz	16QAM	24050	25RB#25	21.47	19.73	PASS
Band19	10MHz	16QAM	24050	50RB#0	21.59	19.85	PASS
Band19	10MHz	16QAM	24075	1RB#0	22.54	20.80	PASS
Band19	10MHz	16QAM	24075	1RB#24	22.85	21.11	PASS
Band19	10MHz	16QAM	24075	1RB#49	22.67	20.93	PASS
Band19	10MHz	16QAM	24075	25RB#0	21.63	19.89	PASS
Band19	10MHz	16QAM	24075	25RB#12	21.56	19.82	PASS
Band19	10MHz	16QAM	24075	25RB#25	21.72	19.98	PASS
Band19	10MHz	16QAM	24075	50RB#0	21.68	19.94	PASS
Band19	10MHz	16QAM	24100	1RB#0	21.63	19.89	PASS
Band19	10MHz	16QAM	24100	1RB#24	22.61	20.87	PASS
Band19	10MHz	16QAM	24100	1RB#49	22.37	20.63	PASS
Band19	10MHz	16QAM	24100	25RB#0	21.65	19.91	PASS
Band19	10MHz	16QAM	24100	25RB#12	21.67	19.93	PASS
Band19	10MHz	16QAM	24100	25RB#25	21.55	19.81	PASS
Band19	10MHz	16QAM	24100	50RB#0	21.73	19.99	PASS
Band19	15MHz	QPSK	24075	1RB#0	23.92	22.18	PASS
Band19	15MHz	QPSK	24075	1RB#38	23.91	22.17	PASS
Band19	15MHz	QPSK	24075	1RB#74	23.93	22.19	PASS
Band19	15MHz	QPSK	24075	38RB#0	22.58	20.84	PASS
Band19	15MHz	QPSK	24075	38RB#18	22.60	20.86	PASS
Band19	15MHz	QPSK	24075	38RB#37	22.55	20.81	PASS
Band19	15MHz	QPSK	24075	75RB#0	22.63	20.89	PASS
Band19	15MHz	16QAM	24075	1RB#0	22.38	20.64	PASS
Band19	15MHz	16QAM	24075	1RB#38	22.58	20.84	PASS
Band19	15MHz	16QAM	24075	1RB#74	22.67	20.93	PASS
Band19	15MHz	16QAM	24075	38RB#0	22.53	20.79	PASS
Band19	15MHz	16QAM	24075	38RB#18	22.63	20.89	PASS
Band19	15MHz	16QAM	24075	38RB#37	22.59	20.85	PASS
Band19	15MHz	16QAM	24075	75RB#0	21.52	19.78	PASS

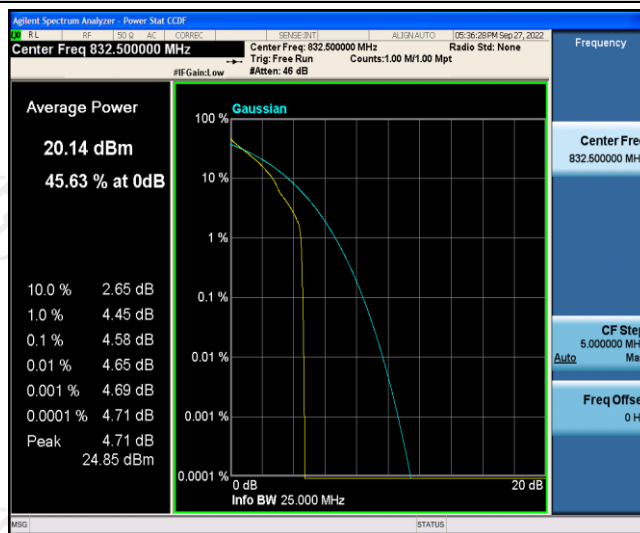
AppendixB:Peak-to-Average Ratio(CCDF)

Test Result

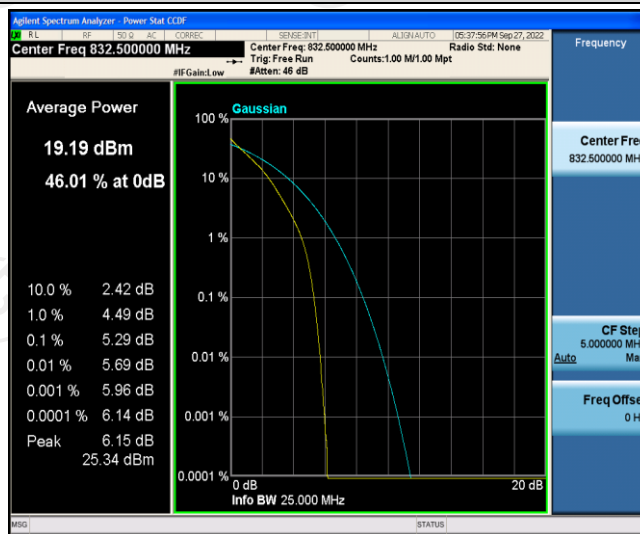
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	4.58	13	PASS
Band19	5MHz	QPSK	24025	25RB#0	5.29	13	PASS
Band19	5MHz	QPSK	24075	1RB#0	4.72	13	PASS
Band19	5MHz	QPSK	24075	25RB#0	5.32	13	PASS
Band19	5MHz	QPSK	24125	1RB#0	4.58	13	PASS
Band19	5MHz	QPSK	24125	25RB#0	5.07	13	PASS
Band19	5MHz	16QAM	24025	1RB#0	5.33	13	PASS
Band19	5MHz	16QAM	24025	25RB#0	5.37	13	PASS
Band19	5MHz	16QAM	24075	1RB#0	5.38	13	PASS
Band19	5MHz	16QAM	24075	25RB#0	5.37	13	PASS
Band19	5MHz	16QAM	24125	1RB#0	5.38	13	PASS
Band19	5MHz	16QAM	24125	25RB#0	5.40	13	PASS
Band19	10MHz	QPSK	24050	1RB#0	5.38	13	PASS
Band19	10MHz	QPSK	24050	50RB#0	5.37	13	PASS
Band19	10MHz	QPSK	24075	1RB#0	5.36	13	PASS
Band19	10MHz	QPSK	24075	50RB#0	5.37	13	PASS
Band19	10MHz	QPSK	24100	1RB#0	4.63	13	PASS
Band19	10MHz	QPSK	24100	50RB#0	5.22	13	PASS
Band19	10MHz	16QAM	24050	1RB#0	5.58	13	PASS
Band19	10MHz	16QAM	24050	50RB#0	6.17	13	PASS
Band19	10MHz	16QAM	24075	1RB#0	5.69	13	PASS
Band19	10MHz	16QAM	24075	50RB#0	6.13	13	PASS
Band19	10MHz	16QAM	24100	1RB#0	5.41	13	PASS
Band19	10MHz	16QAM	24100	50RB#0	5.38	13	PASS
Band19	15MHz	QPSK	24075	1RB#0	5.39	13	PASS
Band19	15MHz	QPSK	24075	75RB#0	5.36	13	PASS
Band19	15MHz	16QAM	24075	1RB#0	5.53	13	PASS
Band19	15MHz	16QAM	24075	75RB#0	6.17	13	PASS

Test Graphs

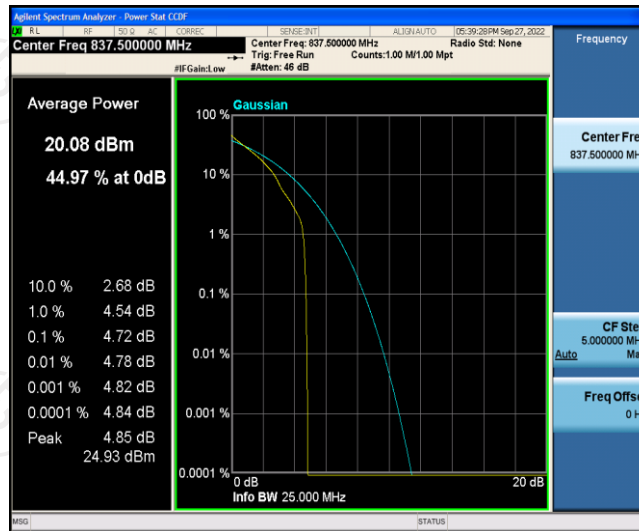
Band19-5MHz-QPSK-24025-1RB#0



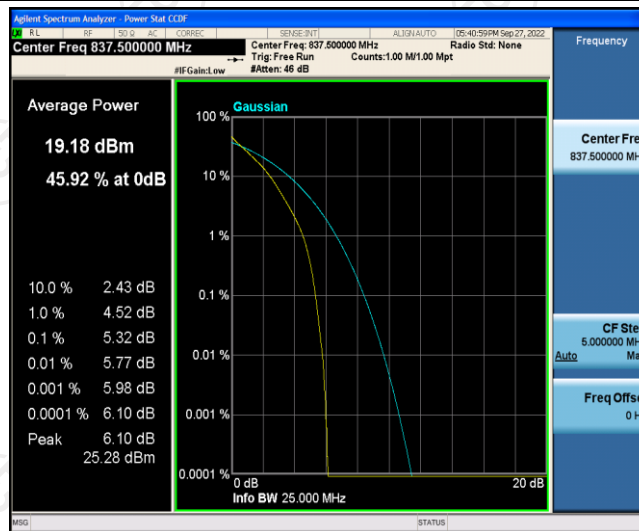
Band19-5MHz-QPSK-24025-25RB#0



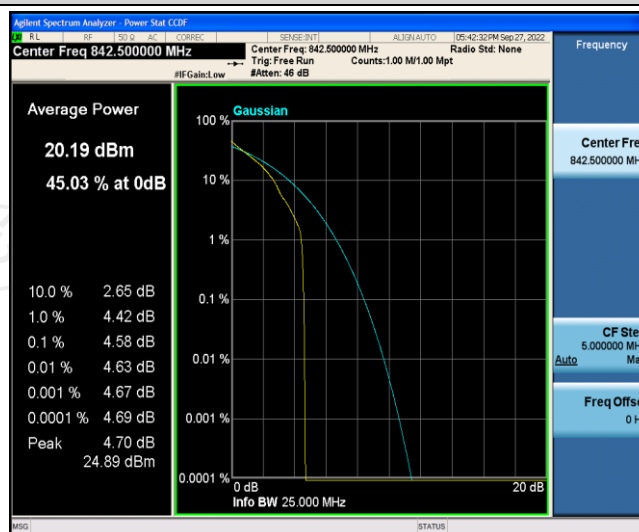
Band19-5MHz-QPSK-24075-1RB#0



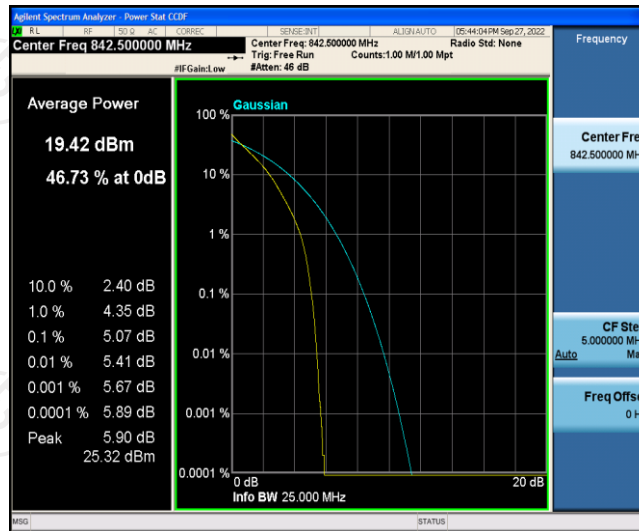
Band19-5MHz-QPSK-24075-25RB#0



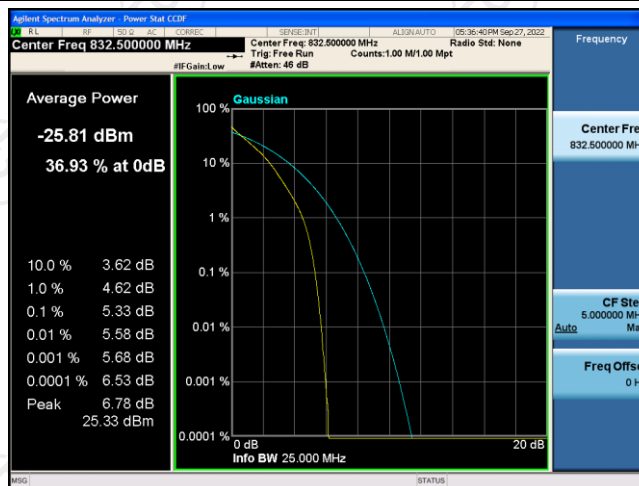
Band19-5MHz-QPSK-24125-1RB#0



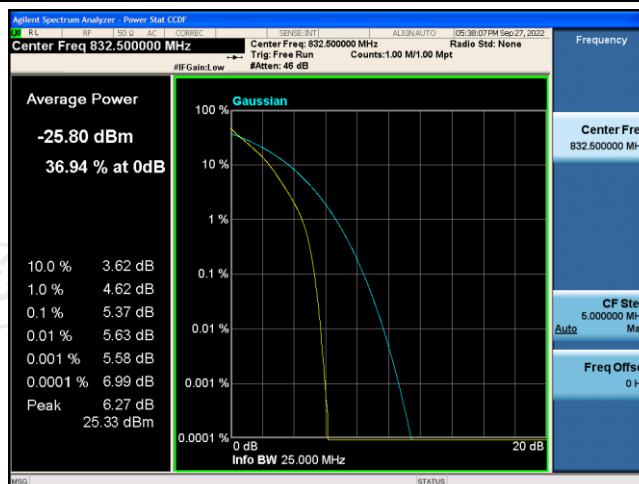
Band19-5MHz-QPSK-24125-25RB#0



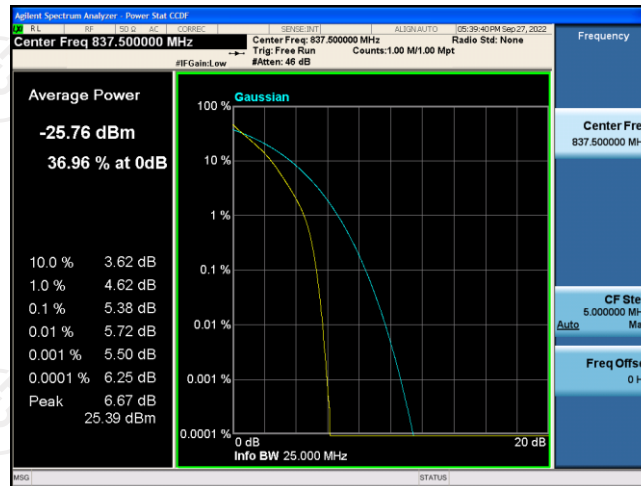
Band19-5MHz-16QAM-24025-1RB#0



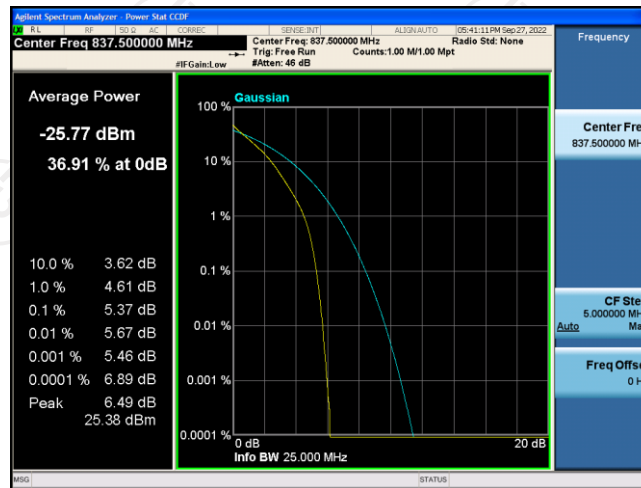
Band19-5MHz-16QAM-24025-25RB#0



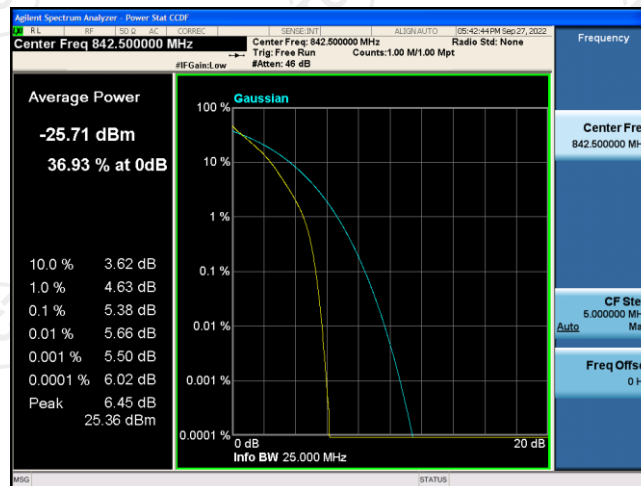
Band19-5MHz-16QAM-24075-1RB#0



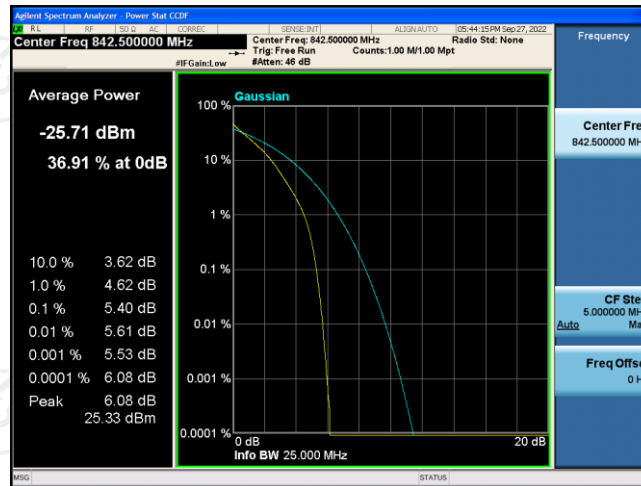
Band19-5MHz-16QAM-24075-25RB#0



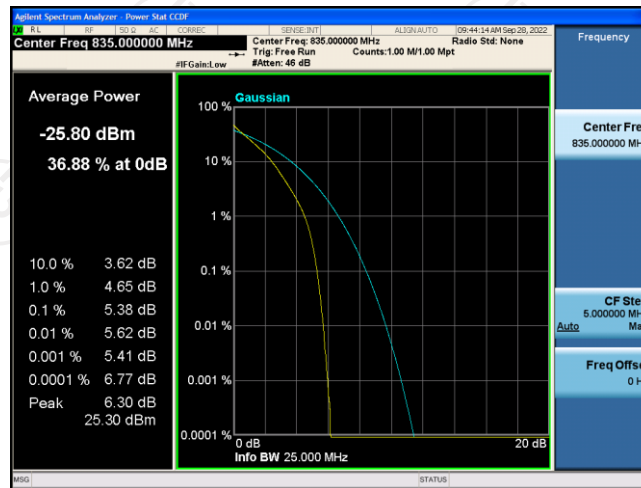
Band19-5MHz-16QAM-24125-1RB#0



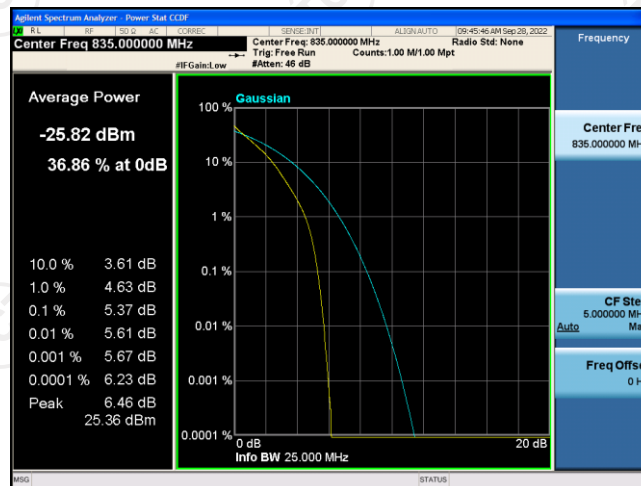
Band19-5MHz-16QAM-24125-25RB#0



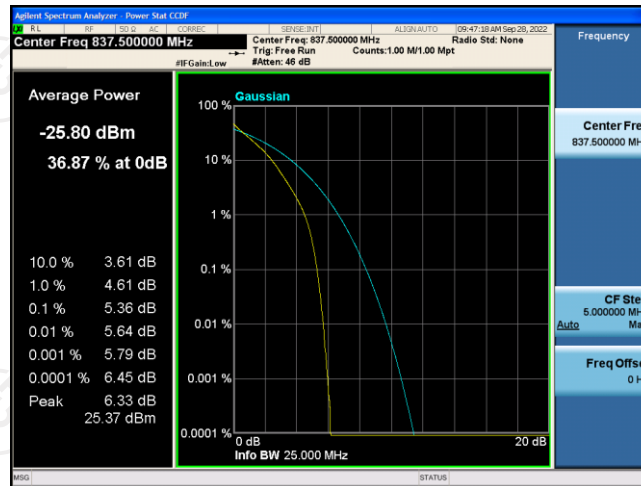
Band19-10MHz-QPSK-24050-1RB#0



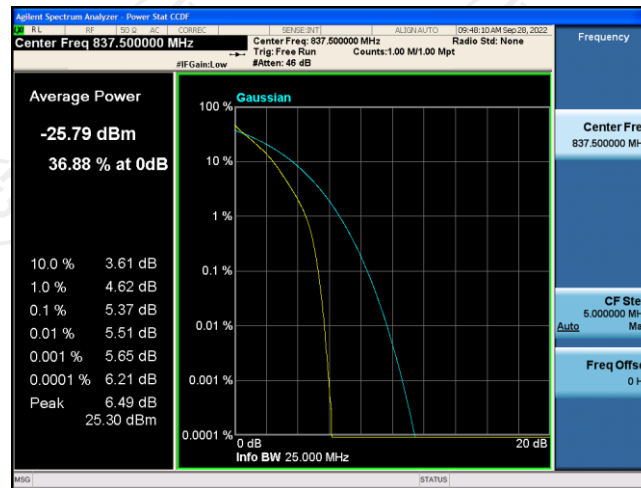
Band19-10MHz-QPSK-24050-50RB#0



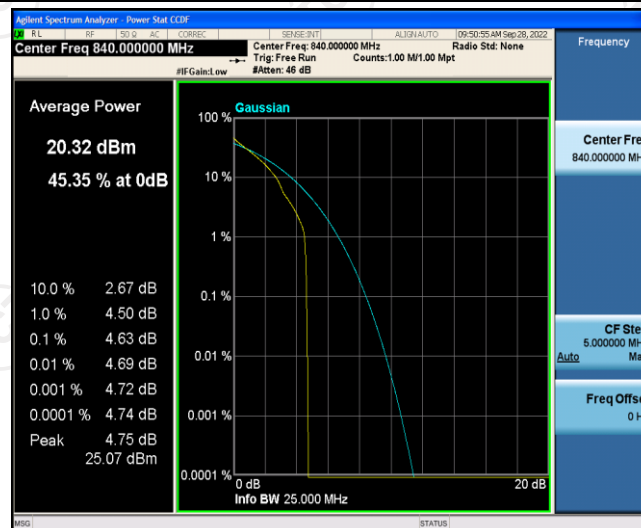
Band19-10MHz-QPSK-24075-1RB#0



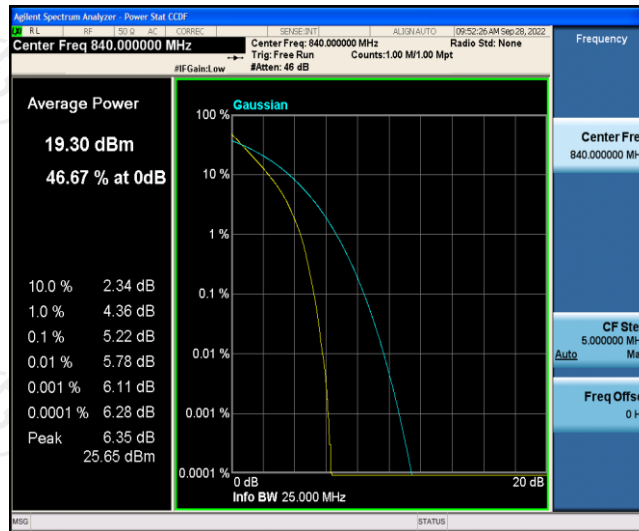
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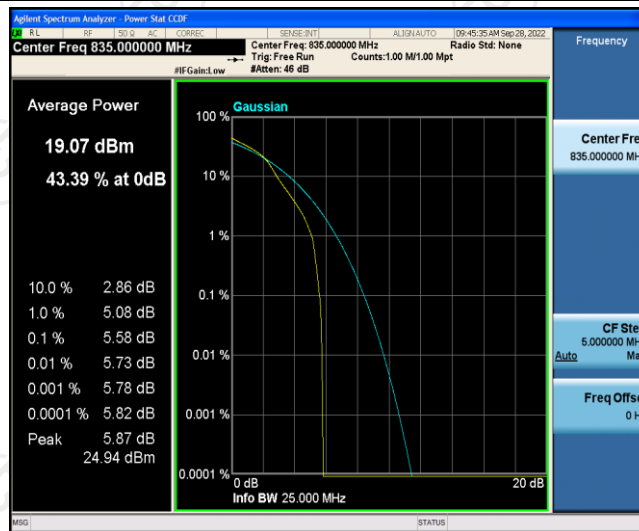
Band19-10MHz-QPSK-24100-1RB#0



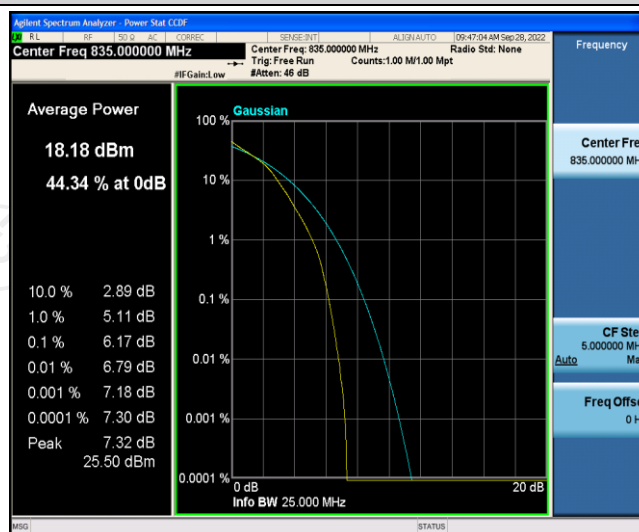
Band19-10MHz-QPSK-24100-50RB#0



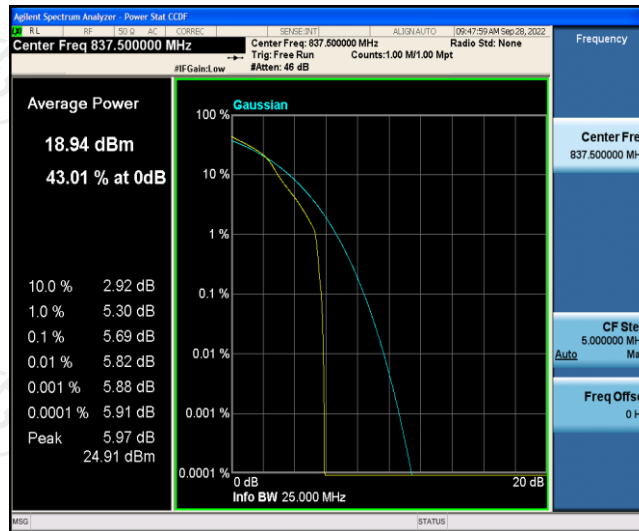
Band19-10MHz-16QAM-24050-1RB#0



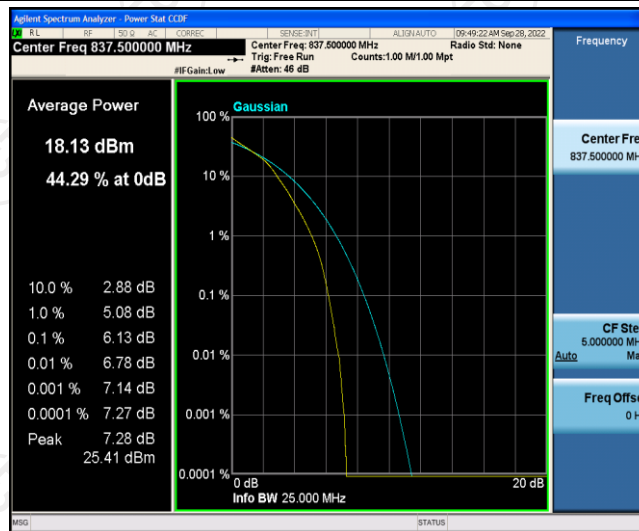
Band19-10MHz-16QAM-24050-50RB#0



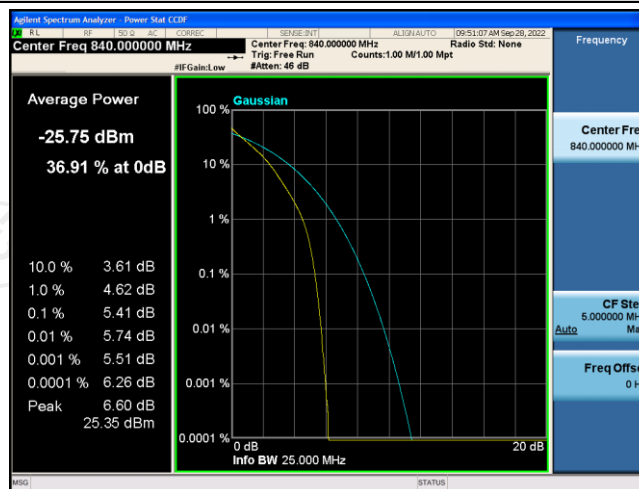
Band19-10MHz-16QAM-24075-1RB#0



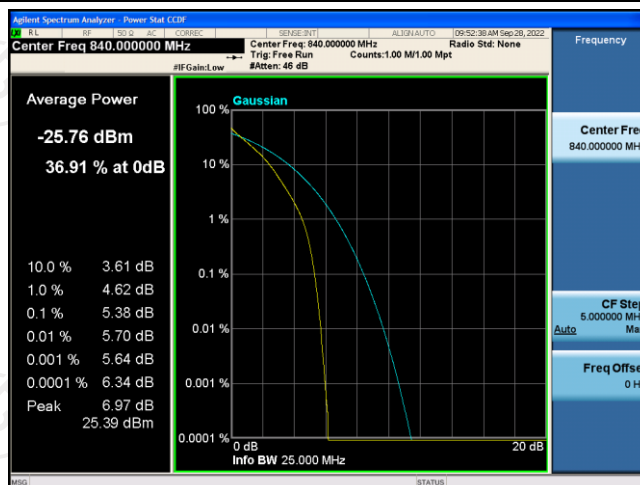
Band19-10MHz-16QAM-24075-50RB#0



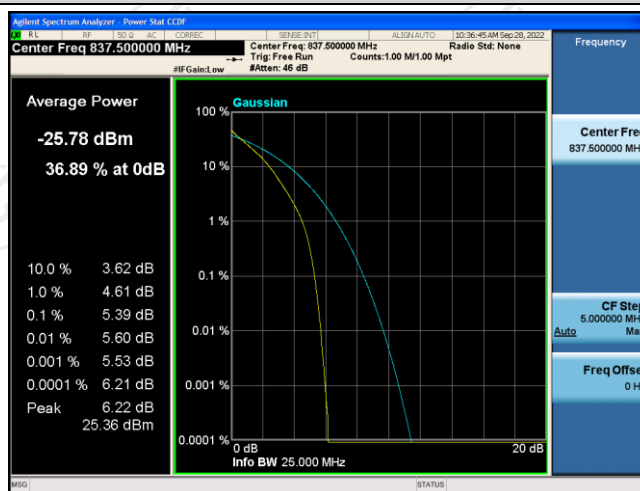
Band19-10MHz-16QAM-24100-1RB#0



Band19-10MHz-16QAM-24100-50RB#0



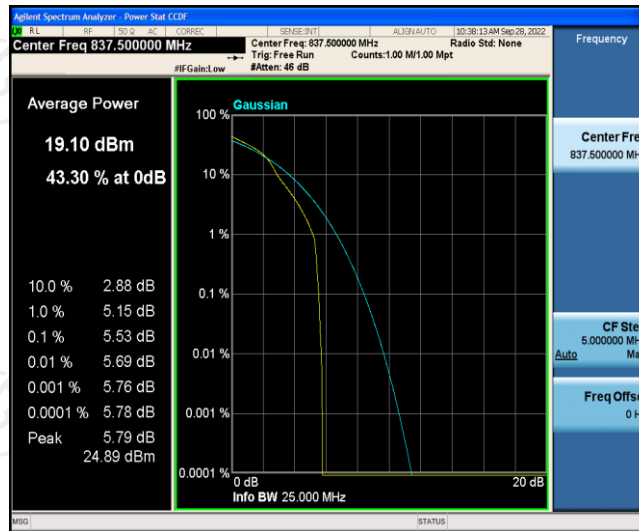
Band19-15MHz-QPSK-24075-1RB#0



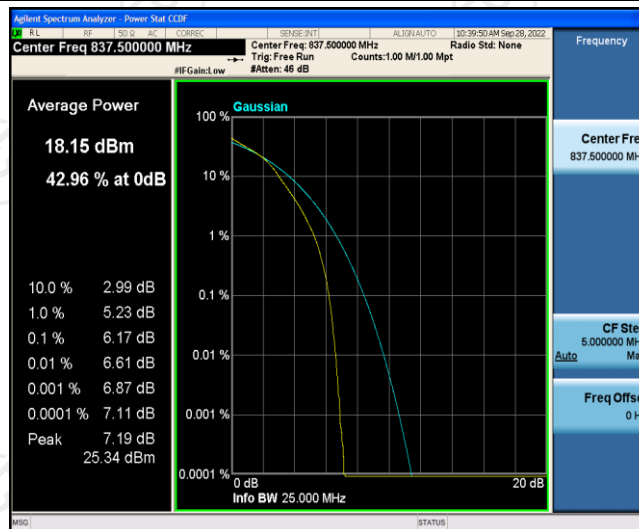
Band19-15MHz-QPSK-24075-75RB#0



Band19-15MHz-16QAM-24075-1RB#0



Band19-15MHz-16QAM-24075-75RB#0



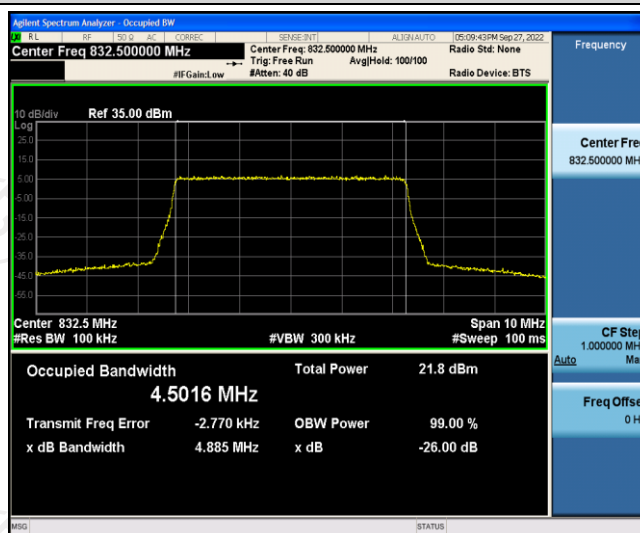
AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

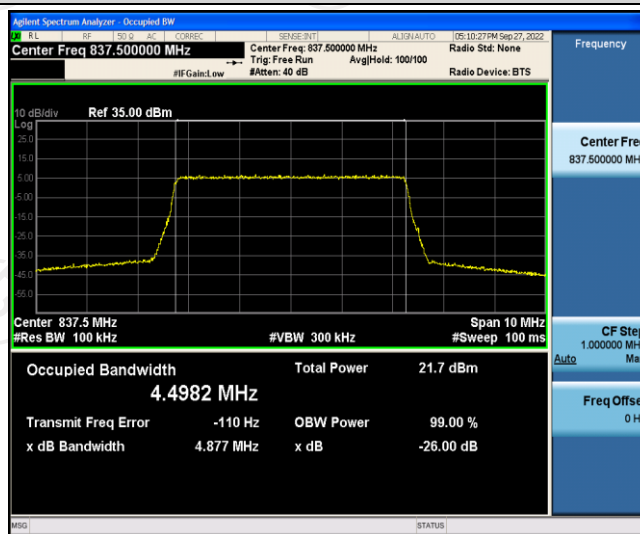
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.5016	4.885	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.4982	4.877	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.5005	4.861	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.5035	4.860	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.5029	4.860	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.5043	4.800	PASS
Band19	10MHz	QPSK	24050	50RB#0	8.9634	9.590	PASS
Band19	10MHz	QPSK	24075	50RB#0	8.9663	9.593	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.9526	9.542	PASS
Band19	10MHz	16QAM	24050	50RB#0	8.9765	9.548	PASS
Band19	10MHz	16QAM	24075	50RB#0	8.9361	11.61	PASS
Band19	10MHz	16QAM	24100	50RB#0	8.9639	9.500	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.445	14.26	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.450	14.20	PASS

Test Graphs

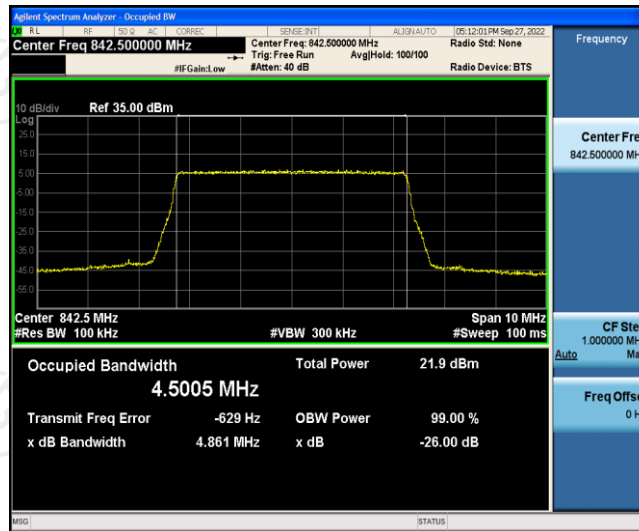
Band19-5MHz-QPSK-24025-25RB#0



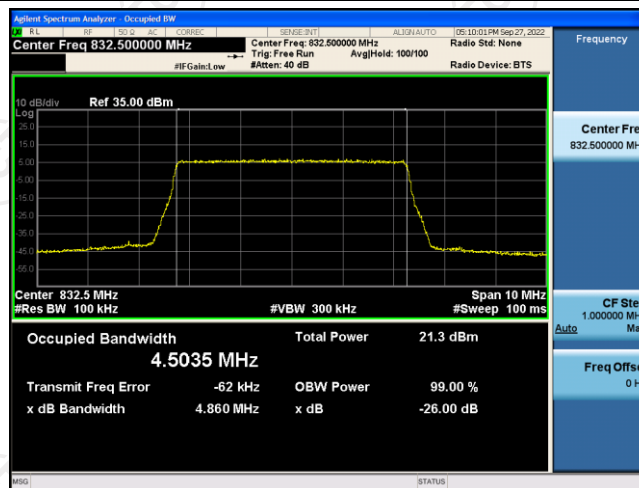
Band19-5MHz-QPSK-24075-25RB#0



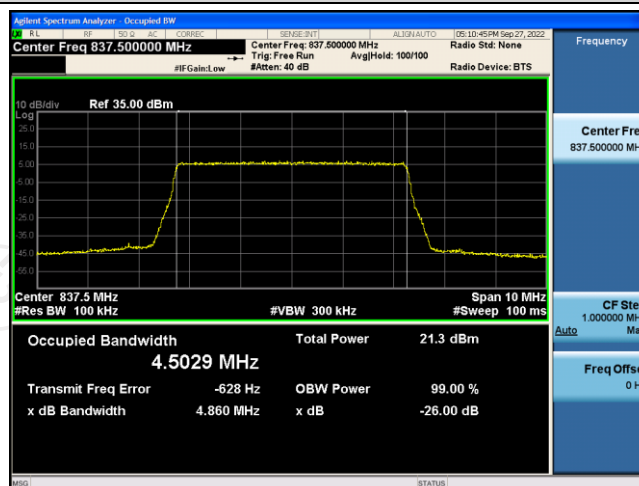
Band19-5MHz-QPSK-24125-25RB#0



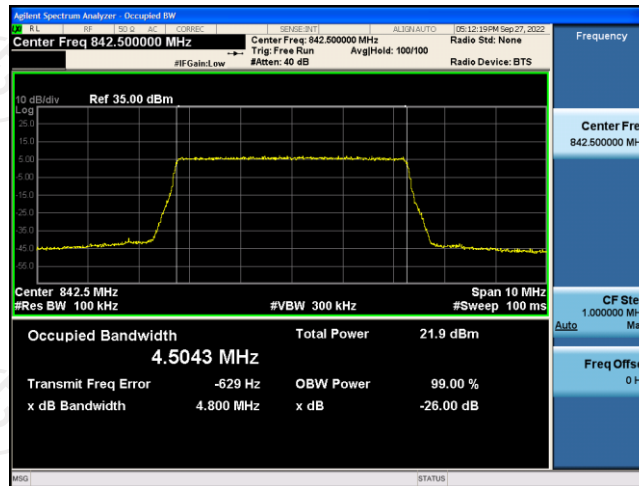
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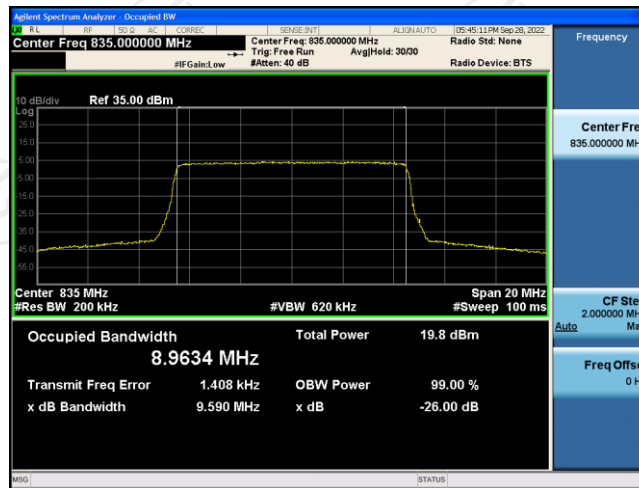
Band19-5MHz-16QAM-24075-25RB#0



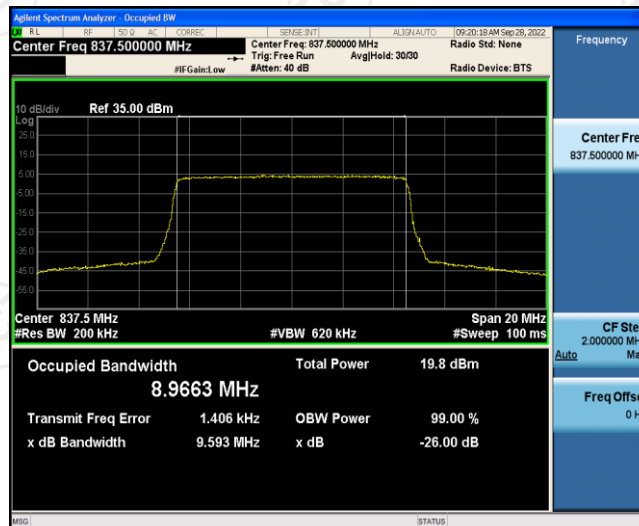
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Band19-10MHz-QPSK-24050-50RB#0



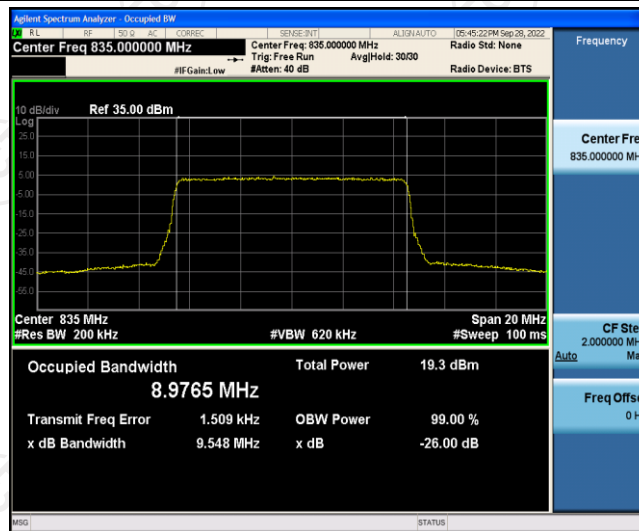
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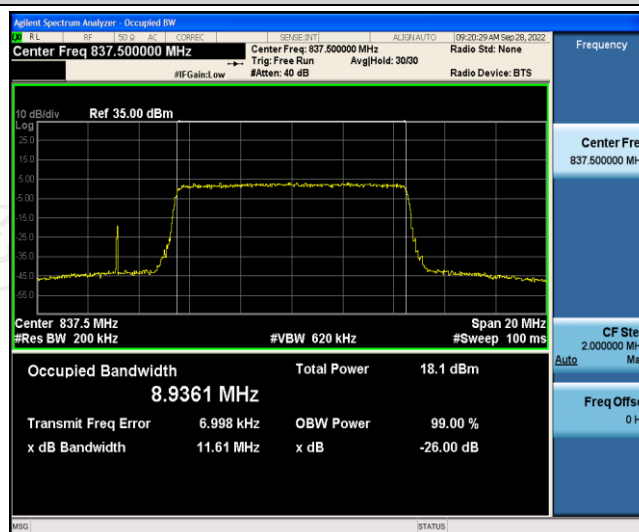
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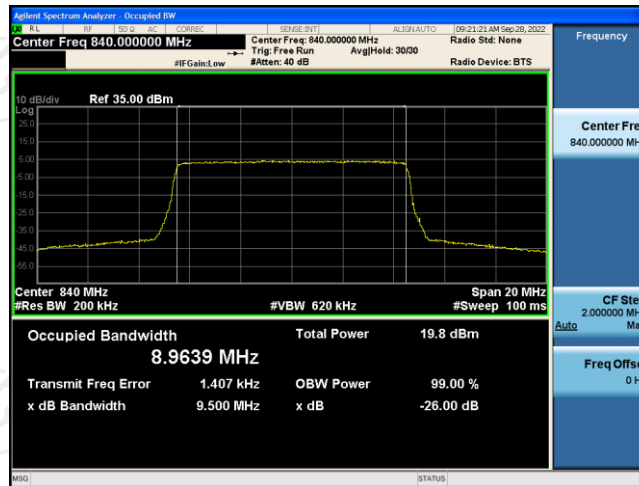
Band19-10MHz-16QAM-24050-50RB#0



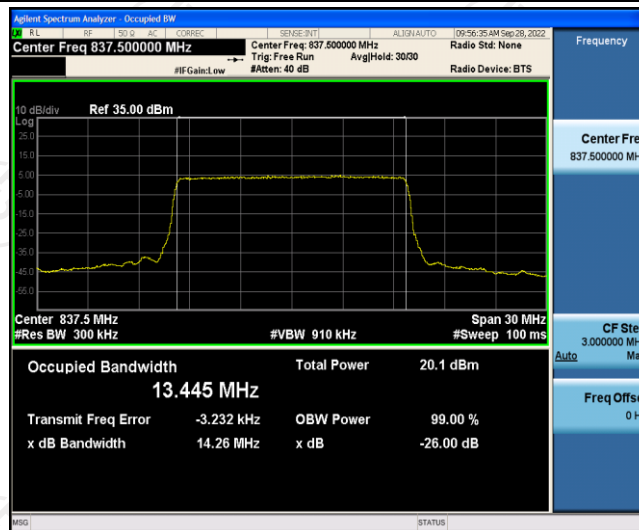
Band19-10MHz-16QAM-24075-50RB#0



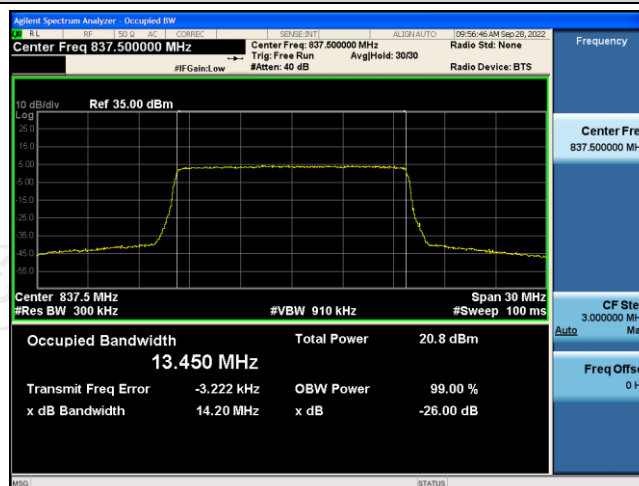
Band19-10MHz-16QAM-24100-50RB#0



Band19-15MHz-QPSK-24075-75RB#0



Band19-15MHz-16QAM-24075-75RB#0

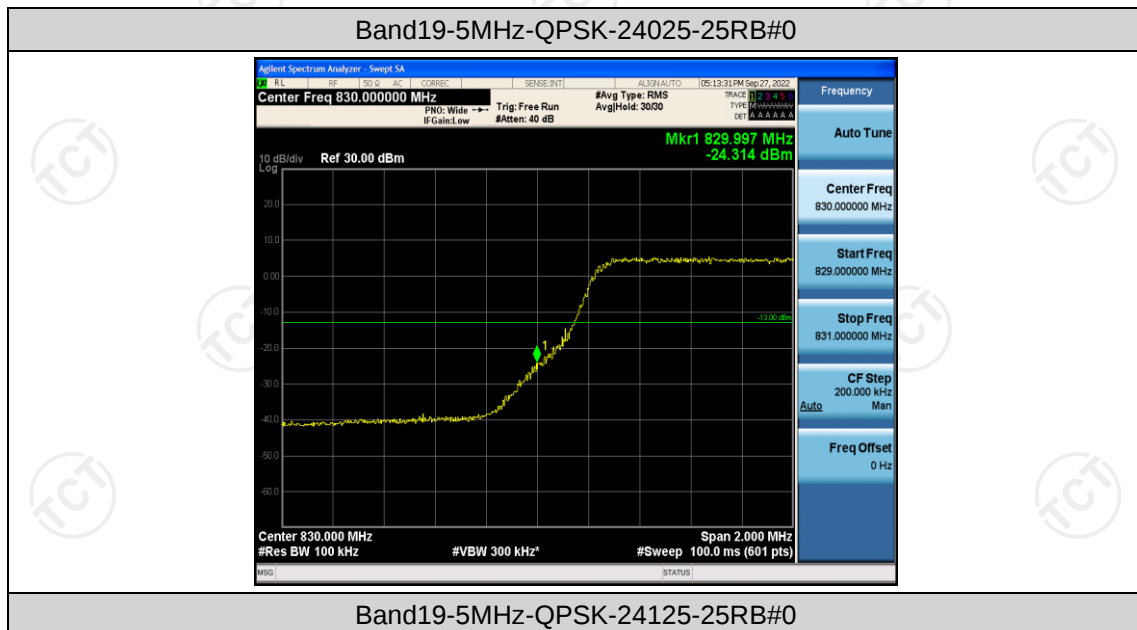


AppendixD:Band Edge

Test Result

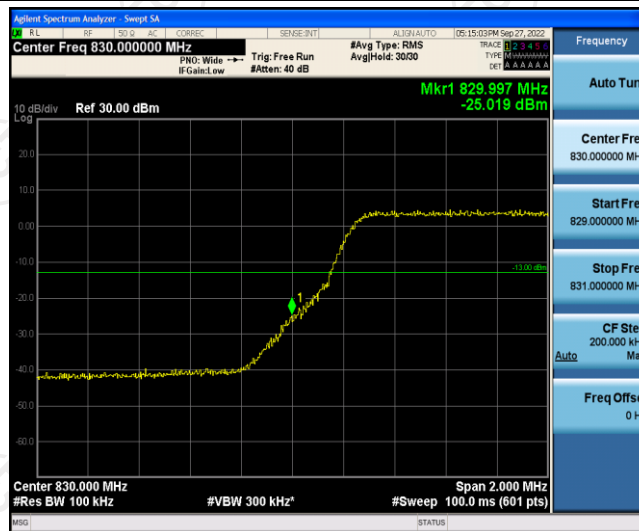
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	-24.31	PASS
Band19	5MHz	QPSK	24125	25RB#0	-24.47	PASS
Band19	5MHz	16QAM	24025	25RB#0	-25.02	PASS
Band19	5MHz	16QAM	24125	25RB#0	-24.41	PASS
Band19	10MHz	QPSK	24050	50RB#0	-29.72	PASS
Band19	10MHz	QPSK	24100	50RB#0	-27.67	PASS
Band19	10MHz	16QAM	24050	50RB#0	-30.50	PASS
Band19	10MHz	16QAM	24100	50RB#0	-31.49	PASS

Test Graphs

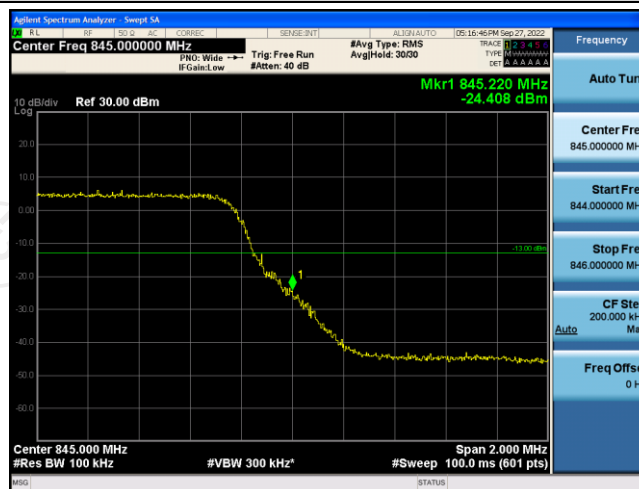




Band19-5MHz-16QAM-24025-25RB#0



Band19-5MHz-16QAM-24125-25RB#0



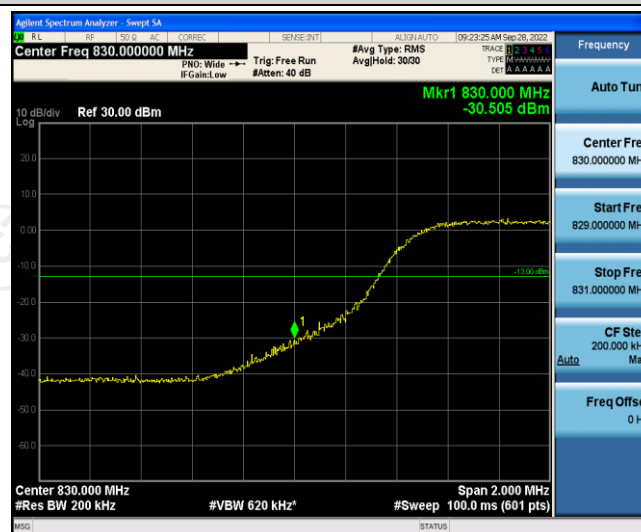
Band19-10MHz-QPSK-24050-50RB#0



Band19-10MHz-QPSK-24100-50RB#0



Band19-10MHz-16QAM-24050-50RB#0



Band19-10MHz-16QAM-24100-50RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	5MHz	QPSK	24025	1RB#0	Range1:30~1000MHz	-56.41	PASS
Band5	5MHz	QPSK	24025	1RB#0	Range2:1000~10000MHz	-37.14	PASS
Band5	5MHz	QPSK	24075	1RB#0	Range1:30~1000MHz	-57.23	PASS
Band5	5MHz	QPSK	24075	1RB#0	Range2:1000~10000MHz	-37.51	PASS
Band5	5MHz	QPSK	24125	1RB#0	Range1:30~1000MHz	-56.11	PASS
Band5	5MHz	QPSK	24125	1RB#0	Range2:1000~10000MHz	-37.12	PASS
Band5	5MHz	16QAM	24025	1RB#0	Range1:30~1000MHz	-56.69	PASS
Band5	5MHz	16QAM	24025	1RB#0	Range2:1000~10000MHz	-37.25	PASS
Band5	5MHz	16QAM	24075	1RB#0	Range1:30~1000MHz	-57.09	PASS
Band5	5MHz	16QAM	24075	1RB#0	Range2:1000~10000MHz	-37.4	PASS
Band5	5MHz	16QAM	24125	1RB#0	Range1:30~1000MHz	-57	PASS
Band5	5MHz	16QAM	24125	1RB#0	Range2:1000~10000MHz	-37.69	PASS
Band5	10MHz	QPSK	24050	1RB#0	Range1:30~1000MHz	-56.47	PASS
Band5	10MHz	QPSK	24050	1RB#0	Range2:1000~10000MHz	-36.97	PASS
Band5	10MHz	QPSK	24075	1RB#0	Range1:30~1000MHz	-56.85	PASS
Band5	10MHz	QPSK	24075	1RB#0	Range2:1000~10000MHz	-37.58	PASS
Band5	10MHz	QPSK	24100	1RB#0	Range1:30~1000MHz	-56.52	PASS
Band5	10MHz	QPSK	24100	1RB#0	Range2:1000~10000MHz	-36.42	PASS
Band5	10MHz	16QAM	24050	1RB#0	Range1:30~1000MHz	-56.62	PASS
Band5	10MHz	16QAM	24050	1RB#0	Range2:1000~10000MHz	-37.58	PASS
Band5	10MHz	16QAM	24075	1RB#0	Range1:30~1000MHz	-55.93	PASS
Band5	10MHz	16QAM	24075	1RB#0	Range2:1000~10000MHz	-37.48	PASS
Band5	10MHz	16QAM	24100	1RB#0	Range1:30~1000MHz	-56.8	PASS
Band5	10MHz	16QAM	24100	1RB#0	Range2:1000~10000MHz	-36.47	PASS
Band5	15MHz	QPSK	24075	1RB#0	Range1:30~1000MHz	-57.03	PASS
Band5	15MHz	QPSK	24075	1RB#0	Range2:1000~10000MHz	-35.85	PASS
Band5	15MHz	16QAM	24075	1RB#0	Range1:30~1000MHz	-56.6	PASS
Band5	15MHz	16QAM	24075	1RB#0	Range2:1000~10000MHz	-37.97	PASS

Test Graphs

Band5-5MHz-QPSK-24025-1RB#0-Range1:30~1000MHz