



Band4-15MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range3:2000~20000MHz



Appendix E: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-5.28	-0.003086	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	3.52	0.002058	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	5.74	0.003355	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	2.30	0.001328	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	3.45	0.001991	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	3.71	0.002141	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-8.40	-0.004788	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-5.11	-0.002913	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-6.09	-0.003471	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	3.72	0.002175	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	5.29	0.003092	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	6.91	0.004039	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	3.99	0.002303	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	2.59	0.001495	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	3.72	0.002147	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	18.85	0.010745	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-6.35	-0.003620	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-6.84	-0.003899	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	5.56	0.003249	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	3.30	0.001928	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-3.93	-0.002296	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-3.19	-0.001841	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	3.25	0.001876	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	3.71	0.002141	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	3.00	0.001711	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-3.02	-0.001722	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	-2.47	-0.001409	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-3.58	-0.002092	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	6.34	0.003704	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	5.34	0.003120	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	7.84	0.004525	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-4.99	-0.002880	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	-5.26	-0.003036	±2.5	PASS

Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-3.92	-0.002236	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	4.01	0.002287	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	5.31	0.003028	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	4.13	0.002412	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	2.78	0.001623	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	8.05	0.004701	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	4.95	0.002857	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-4.38	-0.002528	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	2.59	0.001495	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-5.85	-0.003338	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	-3.75	-0.002140	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-7.61	-0.004342	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	5.65	0.003299	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	3.85	0.002248	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	3.66	0.002137	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	3.62	0.002089	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	5.42	0.003128	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-2.78	-0.001605	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-6.49	-0.003703	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-6.32	-0.003606	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-4.91	-0.002802	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-6.90	-0.004023	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-5.24	-0.003055	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-5.31	-0.003096	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-3.53	-0.002038	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	5.64	0.003255	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	3.63	0.002095	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	4.52	0.002583	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	8.28	0.004731	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	6.39	0.003651	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	-5.31	-0.003096	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	-6.05	-0.003528	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-4.51	-0.002630	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	-3.43	-0.001980	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	-3.43	-0.001980	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	-6.14	-0.003544	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-12.69	-0.007251	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	3.33	0.001903	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	5.89	0.003366	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	6.07	0.003534	±2.5	PASS

Band4	15MHz	QPSK	20025	75RB#0	VN	NT	-1.70	-0.000990	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	-5.92	-0.003447	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	6.21	0.003584	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-4.11	-0.002372	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	5.71	0.003296	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	5.82	0.003330	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	4.52	0.002587	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	6.24	0.003571	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	-4.09	-0.002381	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	-3.42	-0.001991	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	5.01	0.002917	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	4.36	0.002517	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	4.78	0.002759	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	5.75	0.003319	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	5.59	0.003199	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	-2.99	-0.001711	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	-4.53	-0.002592	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	4.11	0.002390	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	7.00	0.004070	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	3.86	0.002244	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	4.36	0.002517	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	3.23	0.001864	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	4.96	0.002863	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-3.39	-0.001943	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-4.68	-0.002682	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-4.79	-0.002745	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	5.54	0.003221	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	8.45	0.004913	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	6.59	0.003831	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	4.41	0.002545	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	4.53	0.002615	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-5.94	-0.003429	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-5.66	-0.003244	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-4.16	-0.002384	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-8.31	-0.004762	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-3.81	-0.002227	±2.5	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	5.76	0.003367	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	3.22	0.001882	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	6.74	0.003940	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-4.99	-0.002917	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	5.16	0.002978	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-2.92	-0.001685	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	3.65	0.002107	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	5.56	0.003209	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-5.64	-0.003255	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-4.85	-0.002765	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-5.76	-0.003283	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-7.01	-0.003996	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-3.40	-0.001938	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-7.38	-0.004207	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	5.97	0.003490	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-3.48	-0.002034	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	8.44	0.004934	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	6.12	0.003577	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	6.64	0.003881	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	5.55	0.003203	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	4.68	0.002701	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	2.09	0.001206	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	4.62	0.002667	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	8.44	0.004872	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-5.49	-0.003129	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-3.66	-0.002086	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-6.35	-0.003620	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-6.72	-0.003831	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-5.98	-0.003409	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-4.28	-0.002501	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	5.16	0.003015	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	3.33	0.001946	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	4.13	0.002413	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	3.85	0.002249	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-5.98	-0.003452	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-2.53	-0.001460	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-2.99	-0.001726	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-4.98	-0.002874	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-2.65	-0.001530	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-3.63	-0.002070	±2.5	PASS

Band4	3MHz	QPSK	20385	15RB#0	NV	-20	6.94	0.003958	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-7.01	-0.003998	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-6.01	-0.003427	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-4.46	-0.002543	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-3.52	-0.002057	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	5.24	0.003062	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	5.55	0.003243	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-5.01	-0.002927	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	6.39	0.003734	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	3.81	0.002199	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	11.37	0.006563	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	4.21	0.002430	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	2.95	0.001703	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	2.78	0.001605	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-3.88	-0.002213	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	5.14	0.002931	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	3.33	0.001899	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-3.32	-0.001893	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	6.41	0.003656	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	4.75	0.002774	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	4.38	0.002558	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	5.21	0.003042	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	4.94	0.002885	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	6.01	0.003509	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	3.50	0.002020	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	1.70	0.000981	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-6.72	-0.003879	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	2.68	0.001547	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	3.93	0.002268	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-5.92	-0.003378	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-8.31	-0.004742	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-5.74	-0.003275	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-5.18	-0.002956	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-5.99	-0.003418	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	8.17	0.004771	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	6.94	0.004053	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	6.90	0.004029	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	7.01	0.004093	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-4.69	-0.002739	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-5.04	-0.002909	±2.5	PASS

Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-3.49	-0.002014	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-4.28	-0.002470	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	3.25	0.001876	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	3.89	0.002245	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-6.45	-0.003680	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	9.41	0.005369	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-4.78	-0.002728	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-6.14	-0.003504	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-6.15	-0.003509	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-5.95	-0.003469	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-8.83	-0.005149	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-5.58	-0.003254	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-5.11	-0.002980	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-7.50	-0.004373	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	4.16	0.002401	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	4.85	0.002799	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	3.00	0.001732	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-4.82	-0.002782	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-5.22	-0.003013	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	3.81	0.002177	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	3.81	0.002177	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	6.41	0.003663	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	-2.03	-0.001160	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	6.94	0.003966	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	-4.42	-0.002577	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	-6.12	-0.003569	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-6.12	-0.003569	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	-6.71	-0.003913	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-7.60	-0.004431	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	-3.09	-0.001784	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	5.71	0.003296	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	3.35	0.001934	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	5.45	0.003146	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	3.02	0.001743	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	4.39	0.002509	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	4.36	0.002491	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	2.98	0.001703	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	6.15	0.003514	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	7.30	0.004171	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	1.92	0.001118	±2.5	PASS

Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-3.92	-0.002282	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-4.05	-0.002358	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	3.15	0.001834	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	4.68	0.002725	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	4.78	0.002759	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	7.52	0.004341	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-4.46	-0.002574	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	6.15	0.003550	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	5.56	0.003209	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	5.14	0.002941	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	5.01	0.002867	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	-3.00	-0.001717	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-4.51	-0.002581	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-3.12	-0.001785	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	4.39	0.002556	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	-3.02	-0.001758	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	-2.46	-0.001432	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	-3.16	-0.001840	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	-4.28	-0.002492	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	4.16	0.002401	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	3.40	0.001962	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	-3.65	-0.002107	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	5.22	0.003013	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	-5.35	-0.003088	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	-2.90	-0.001660	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	7.50	0.004292	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	3.10	0.001774	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	-5.51	-0.003153	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	4.15	0.002375	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	3.72	0.002163	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	4.49	0.002610	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	6.35	0.003692	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	5.34	0.003105	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	7.84	0.004558	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	2.76	0.001593	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	2.86	0.001651	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-2.92	-0.001685	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-3.20	-0.001847	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	6.59	0.003804	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-7.77	-0.004453	±2.5	PASS

Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-6.95	-0.003983	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-5.69	-0.003261	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-7.82	-0.004481	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-3.36	-0.001926	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	6.37	0.003703	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	5.91	0.003436	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	2.55	0.001483	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	2.65	0.001541	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	5.79	0.003366	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	7.25	0.004185	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	3.78	0.002182	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-2.30	-0.001328	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-1.62	-0.000935	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	4.76	0.002747	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-6.79	-0.003891	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-3.93	-0.002252	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-6.55	-0.003754	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-7.55	-0.004327	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-7.84	-0.004493	±2.5	PASS

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

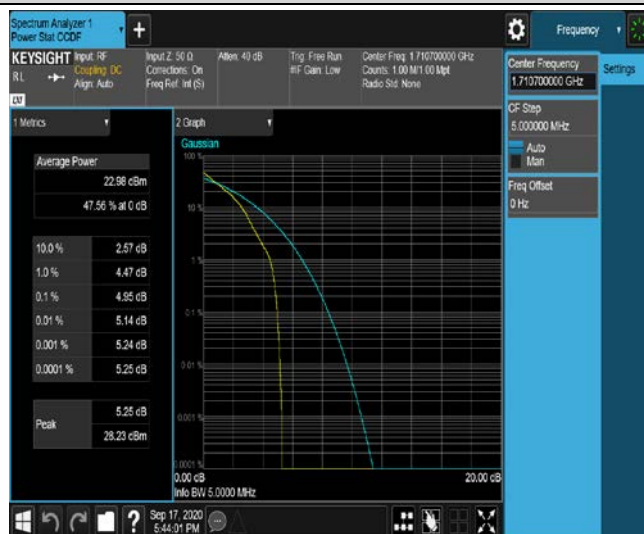
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.95	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.44	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.84	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.43	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.72	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.63	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.88	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.21	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.83	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.15	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.75	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.48	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.83	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.37	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.76	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.32	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.91	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.43	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.69	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.21	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.57	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.07	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.89	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.31	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.84	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.46	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.77	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.39	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.92	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.46	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.69	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.17	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.53	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.04	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.77	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.23	13	PASS

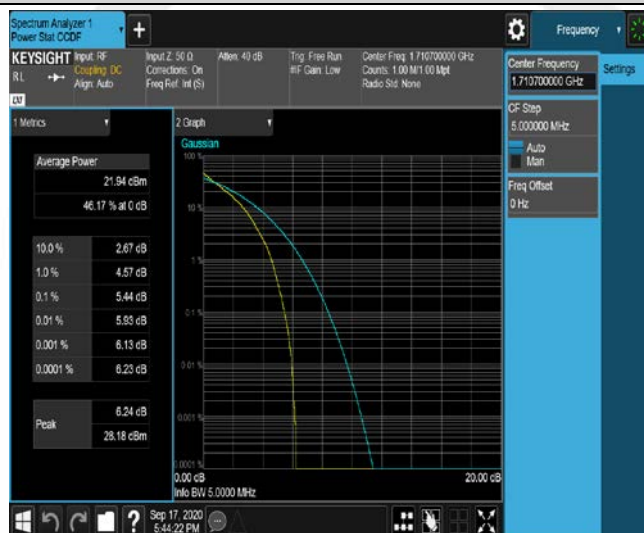
Band4	10MHz	QPSK	20000	1RB#0	5.19	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.65	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.07	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.51	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.32	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.63	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.14	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.16	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.98	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.07	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.13	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	7.79	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.82	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	8.02	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.64	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	8.49	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.87	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	7.26	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.88	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	7.51	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.71	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	7.78	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.92	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	7.99	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.57	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	7.52	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	6.24	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	8.37	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	6.58	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	6.84	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	7.30	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	7.25	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.93	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	7.93	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	7.29	13	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0



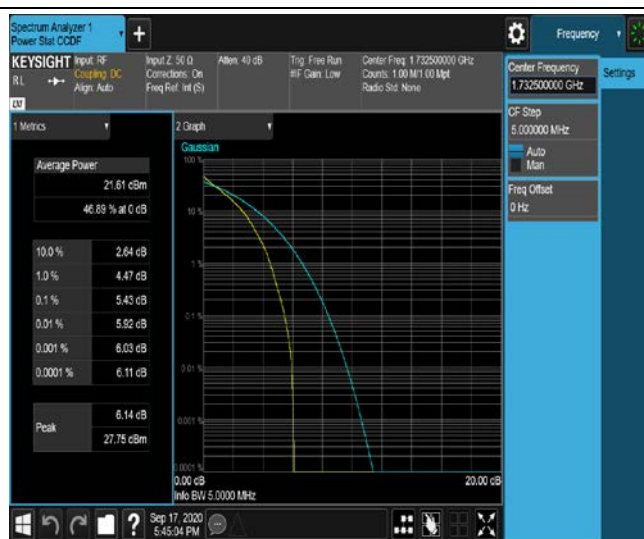
Band4-1.4MHz-QPSK-19957-6RB#0



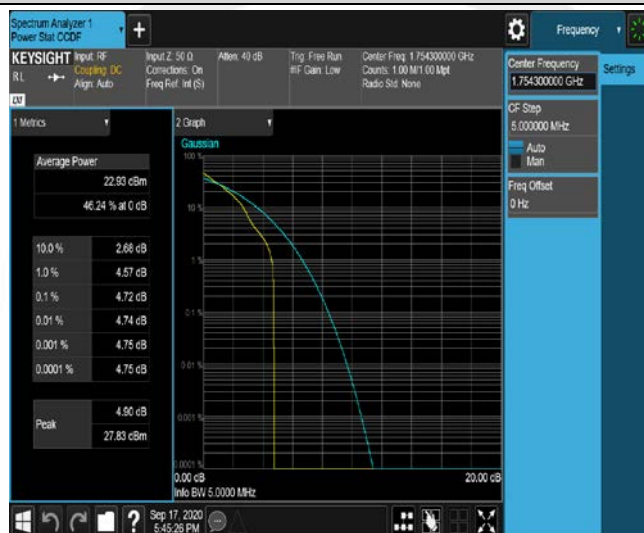
Band4-1.4MHz-QPSK-20175-1RB#0



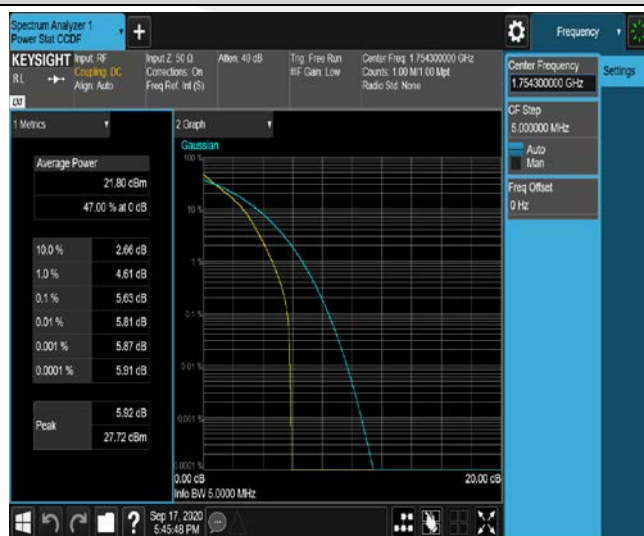
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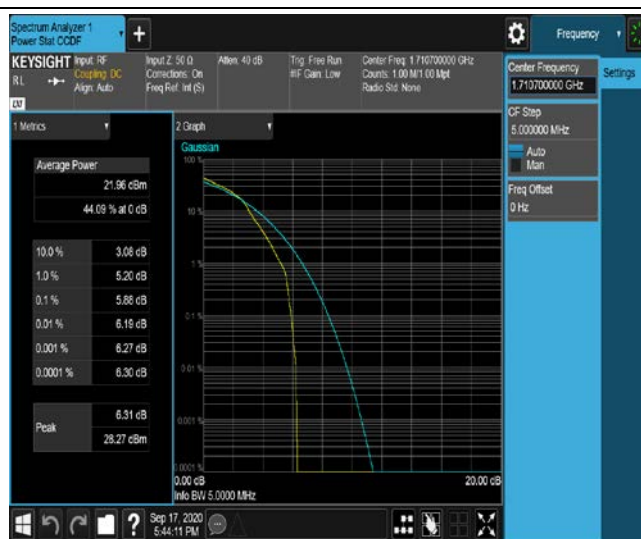
Band4-1.4MHz-QPSK-20393-1RB#0



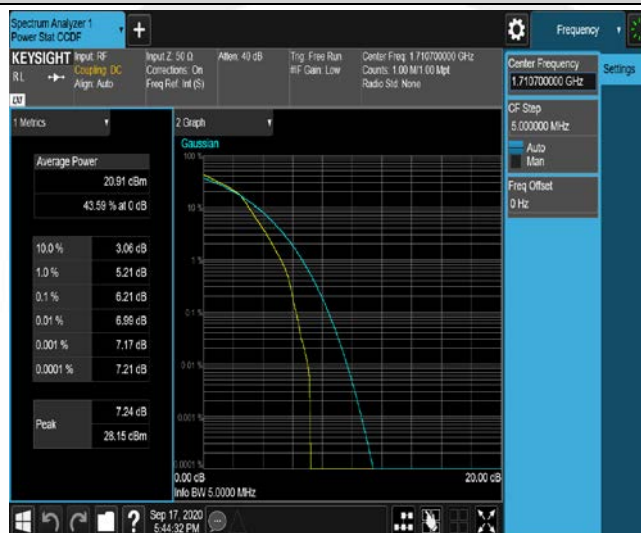
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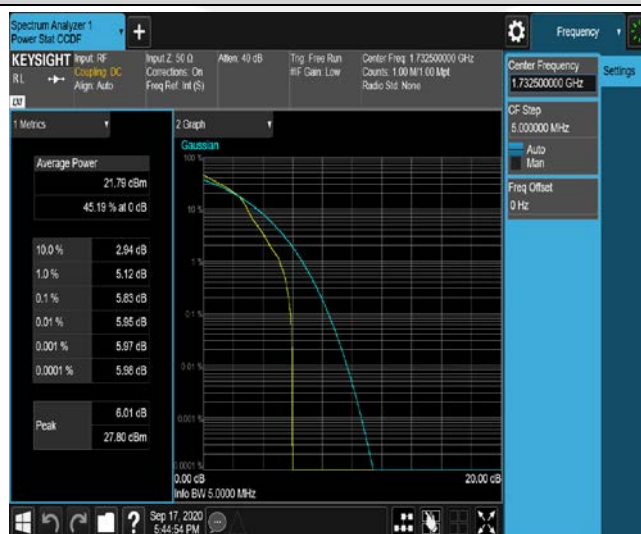
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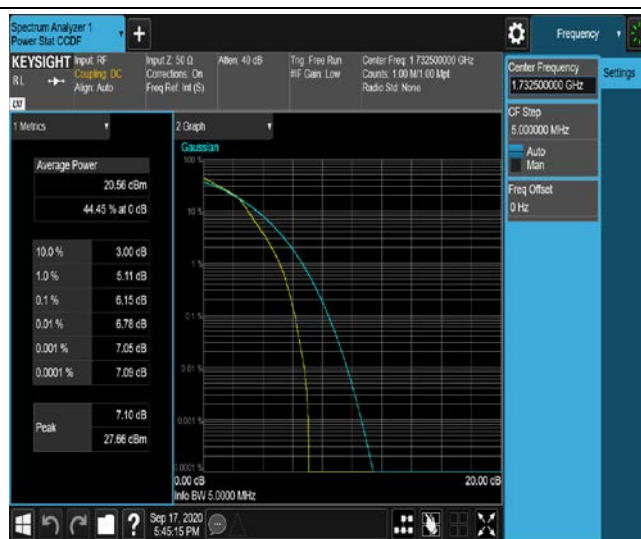
Band4-1.4MHz-16QAM-19957-6RB#0



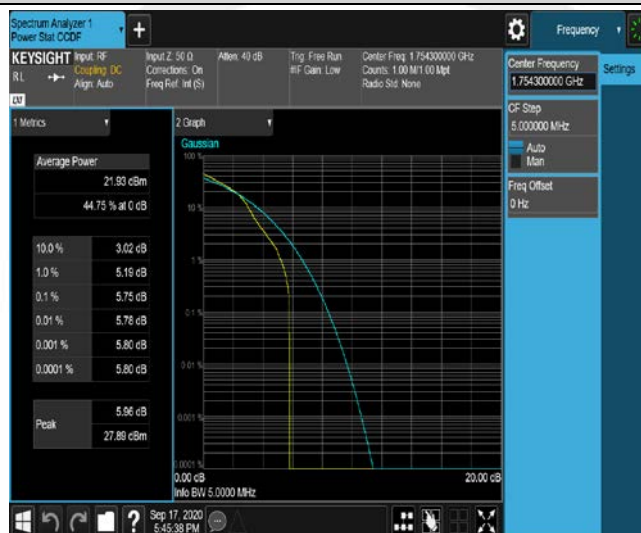
Band4-1.4MHz-16QAM-20175-1RB#0



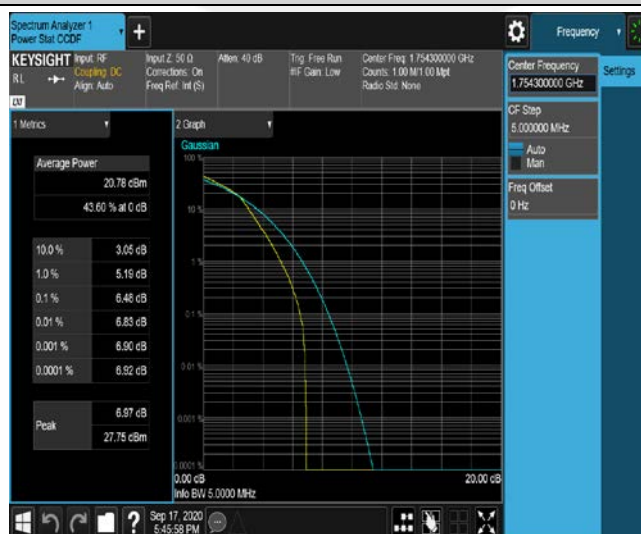
Band4-1.4MHz-16QAM-20175-6RB#0



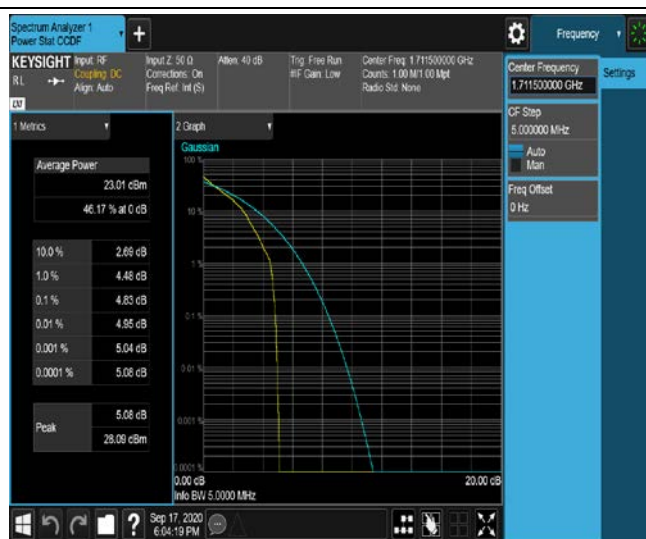
Band4-1.4MHz-16QAM-20393-1RB#0



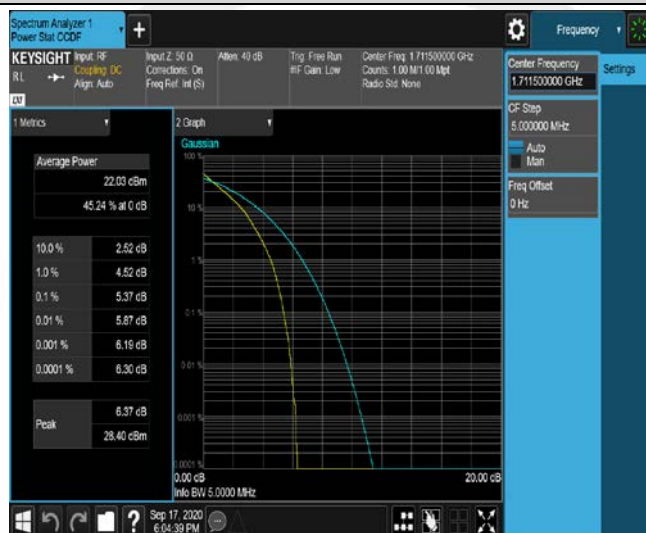
Band4-1.4MHz-16QAM-20393-6RB#0



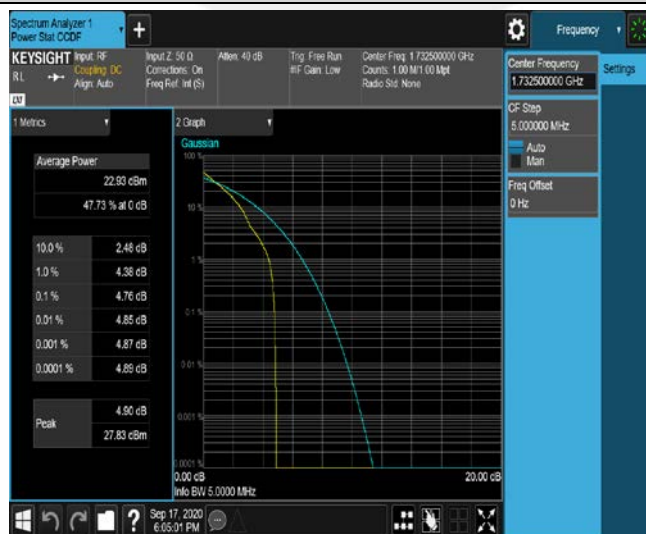
Band4-3MHz-QPSK-19965-1RB#0



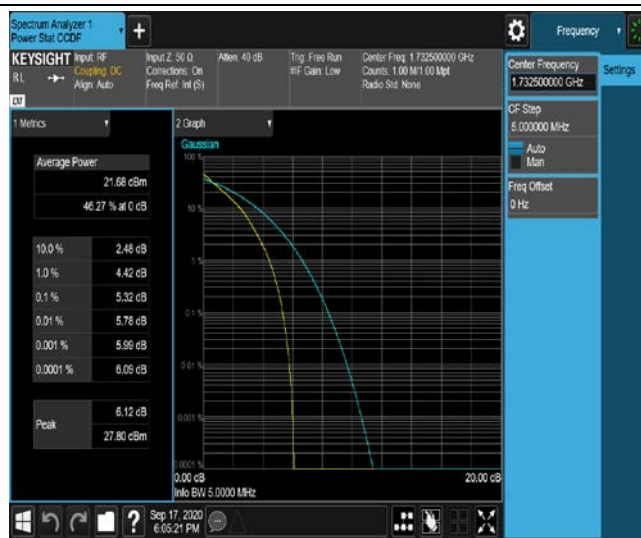
Band4-3MHz-QPSK-19965-15RB#0



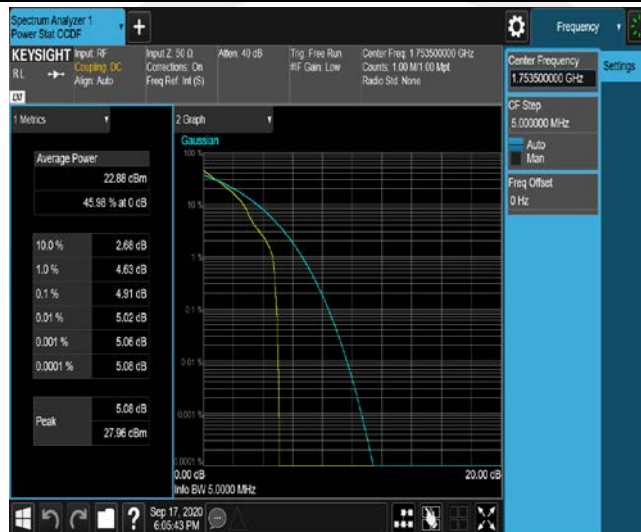
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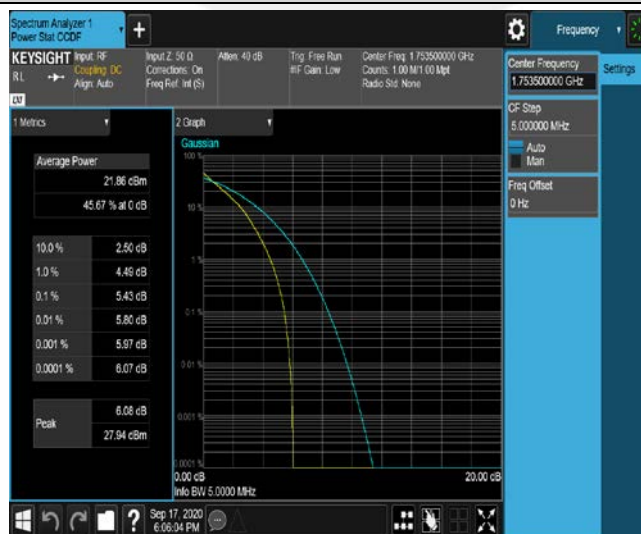
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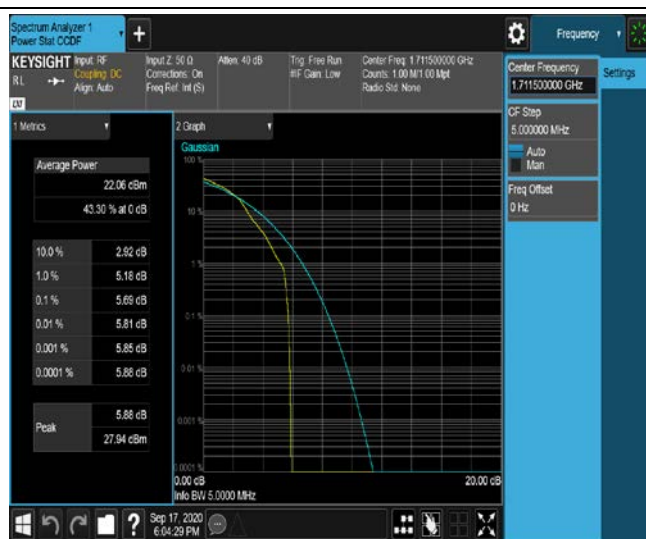
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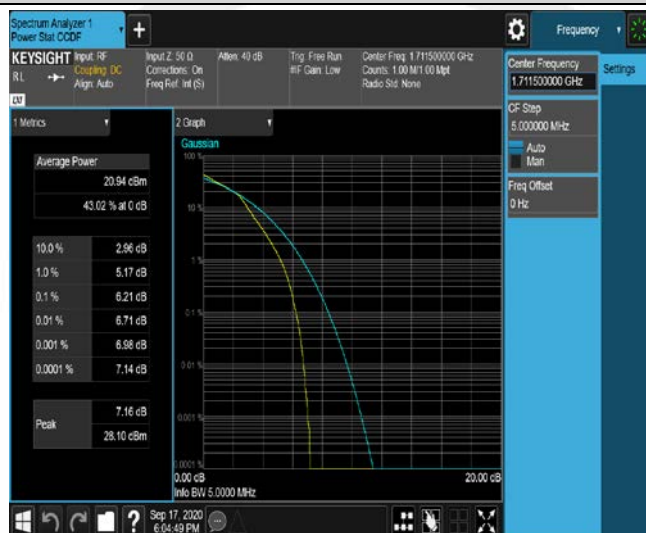
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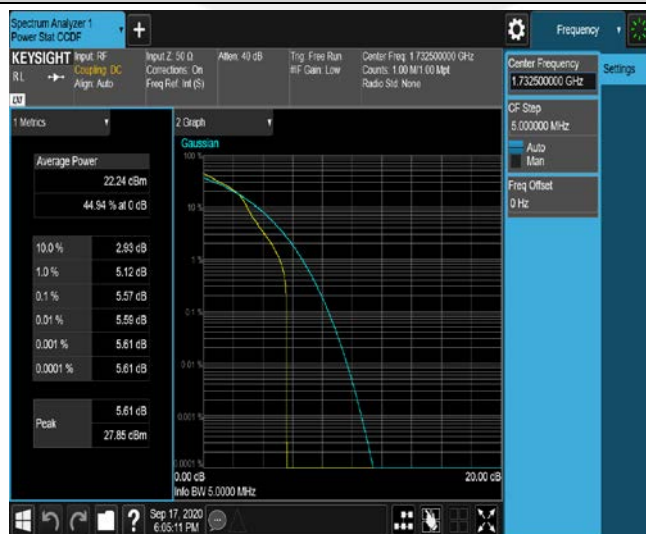
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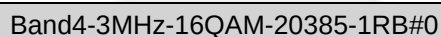
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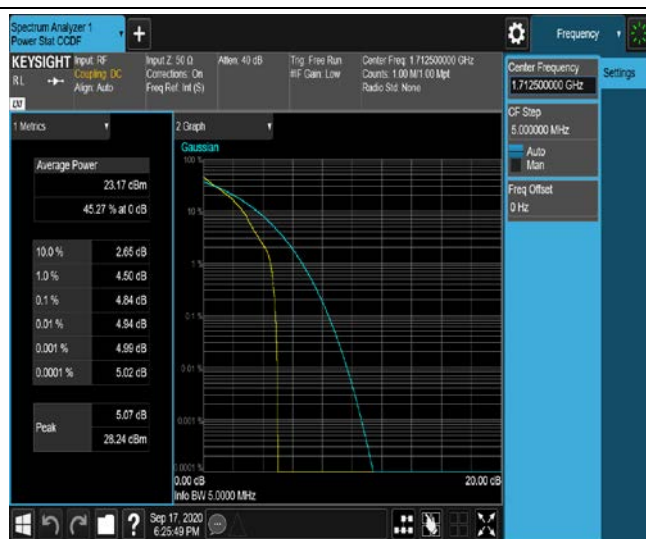


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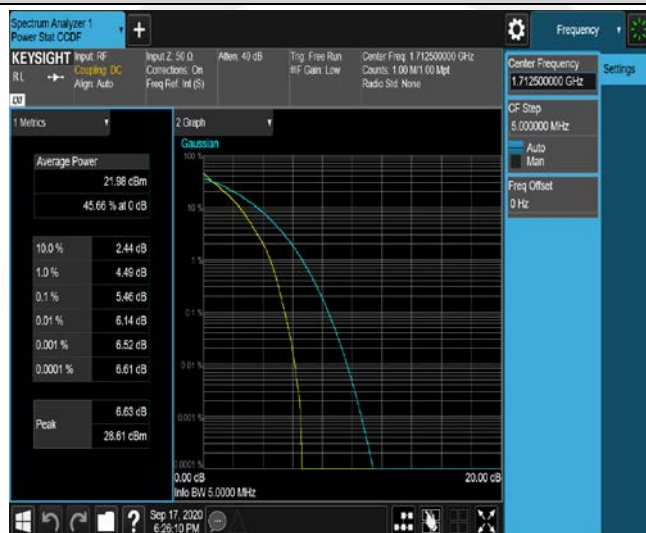


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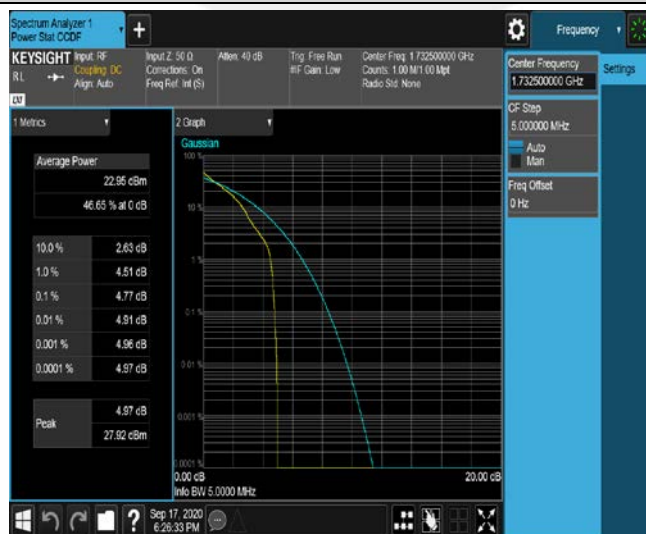




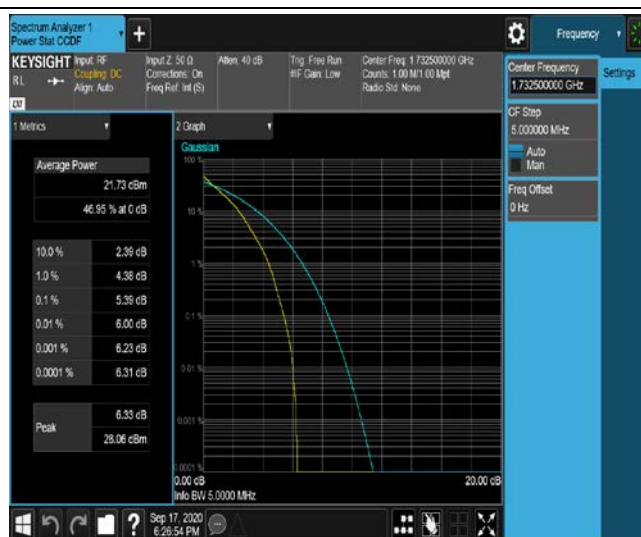
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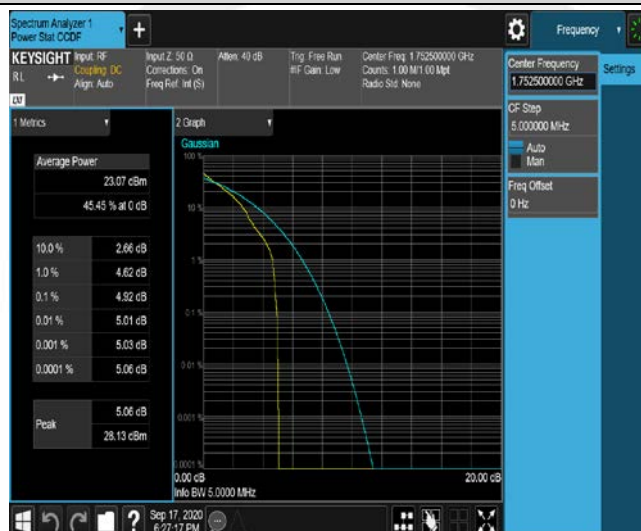
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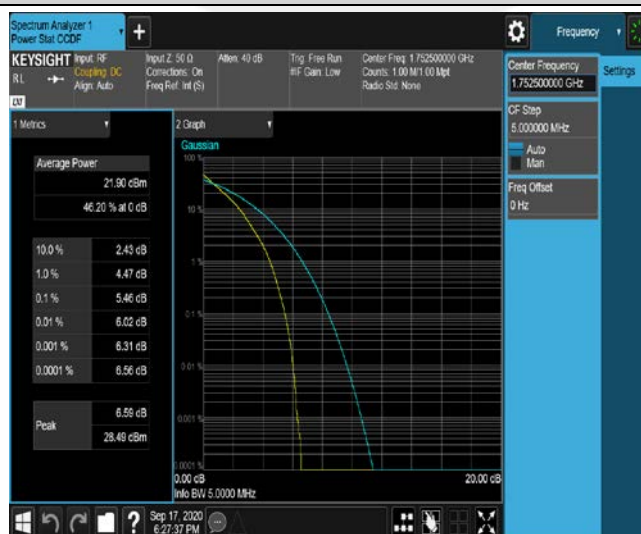
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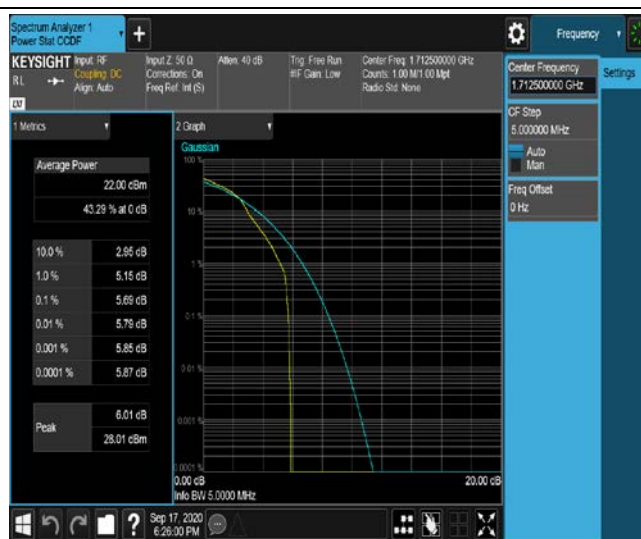
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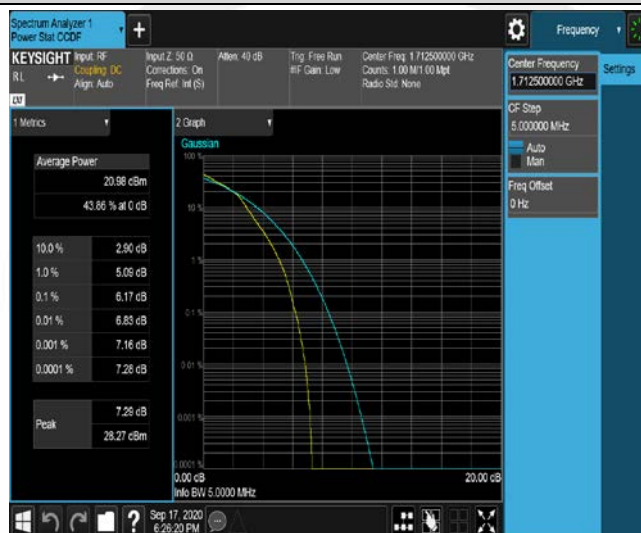
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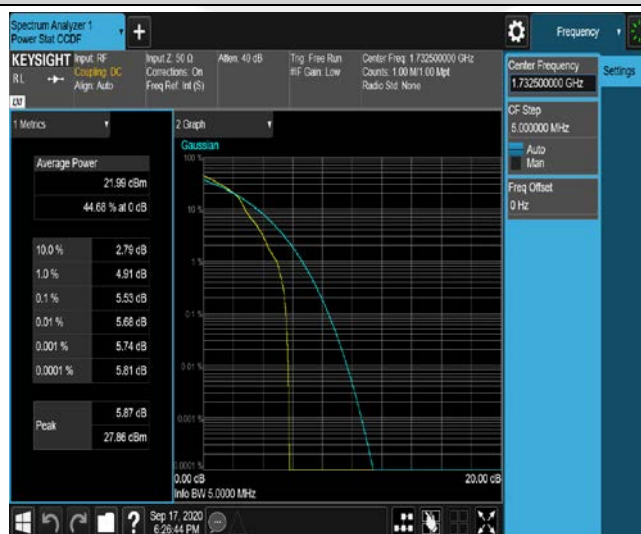
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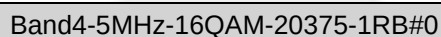
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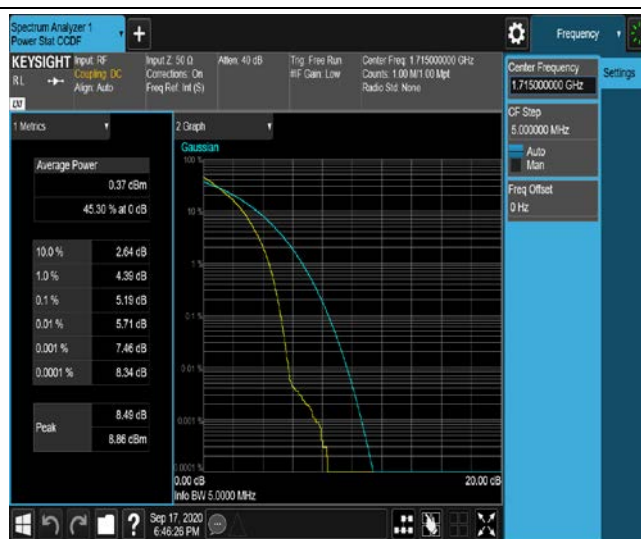


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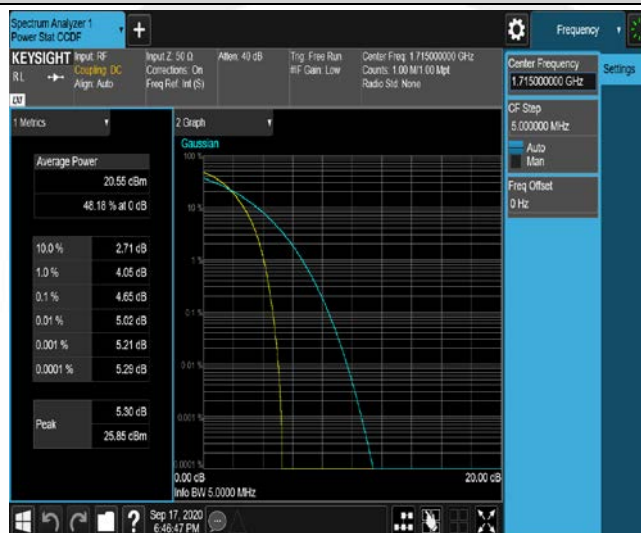


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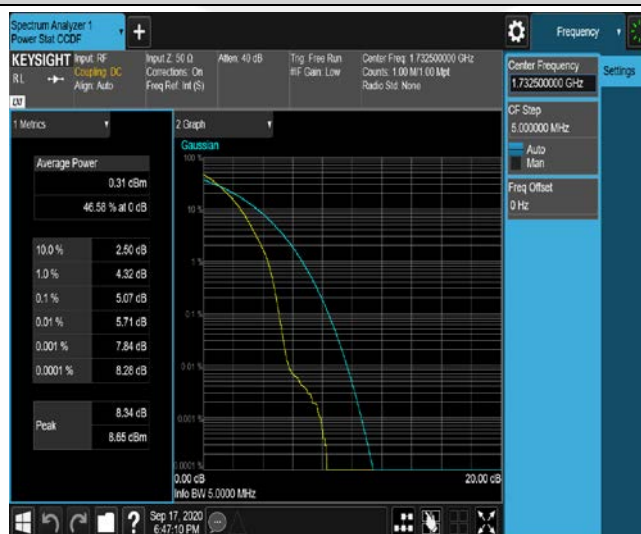




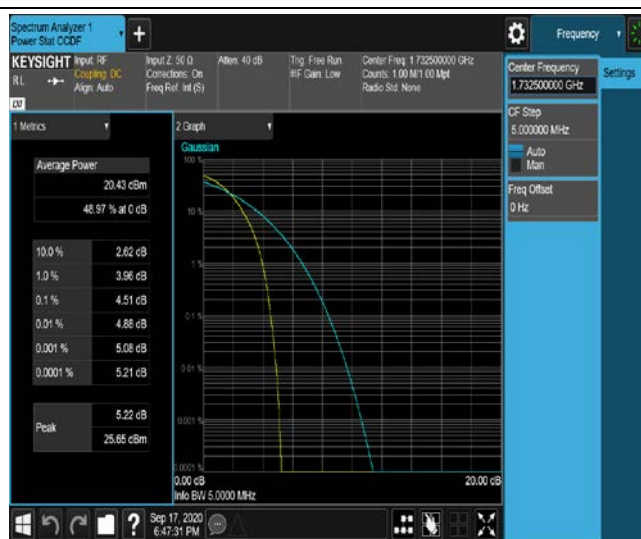
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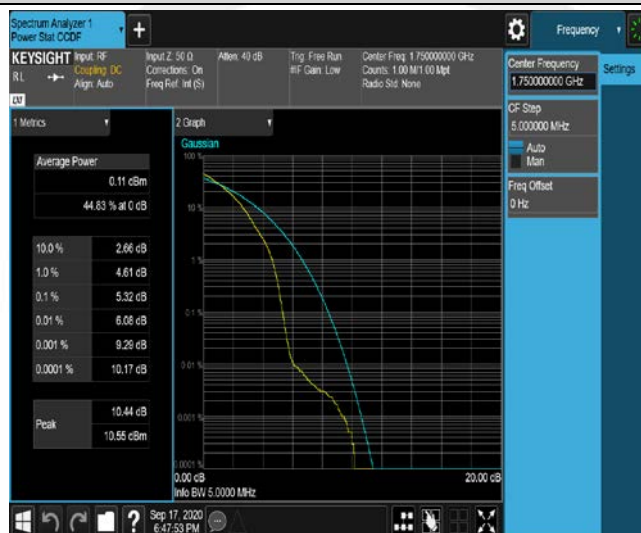
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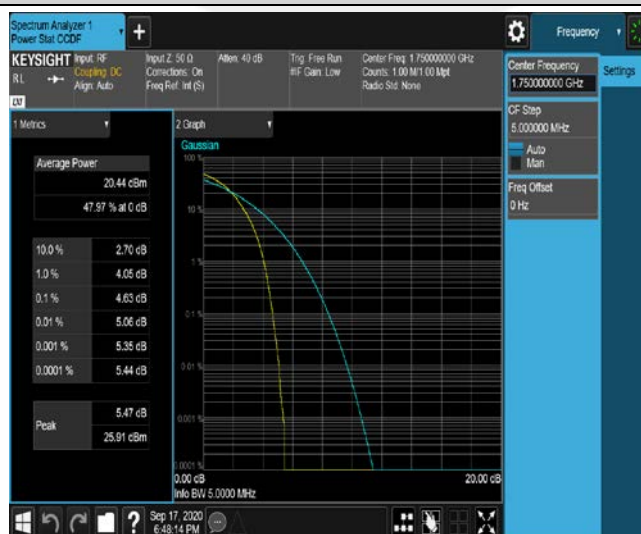
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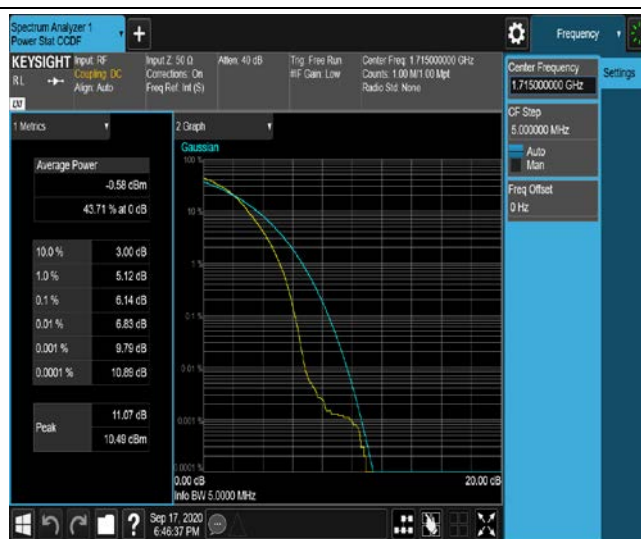
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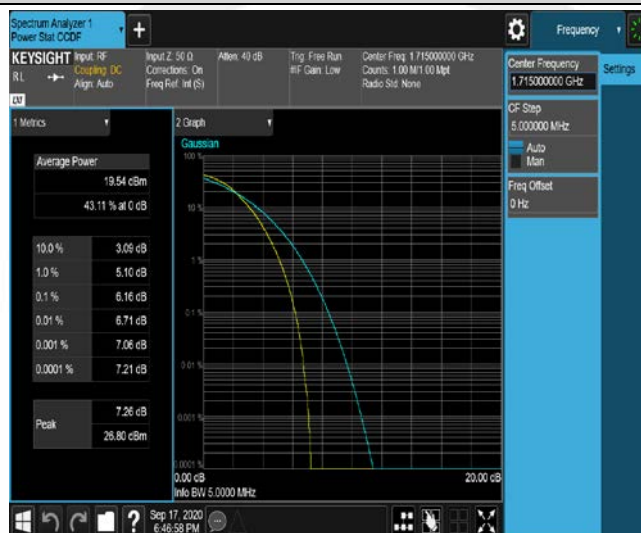
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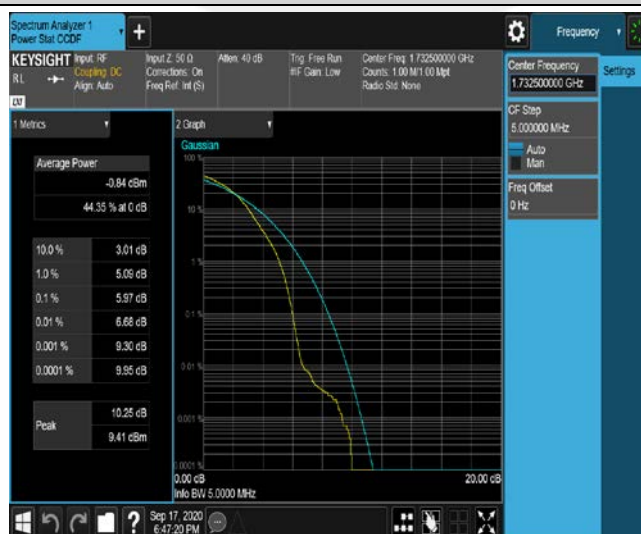
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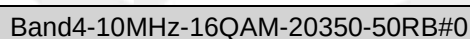
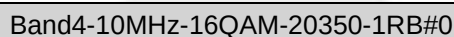
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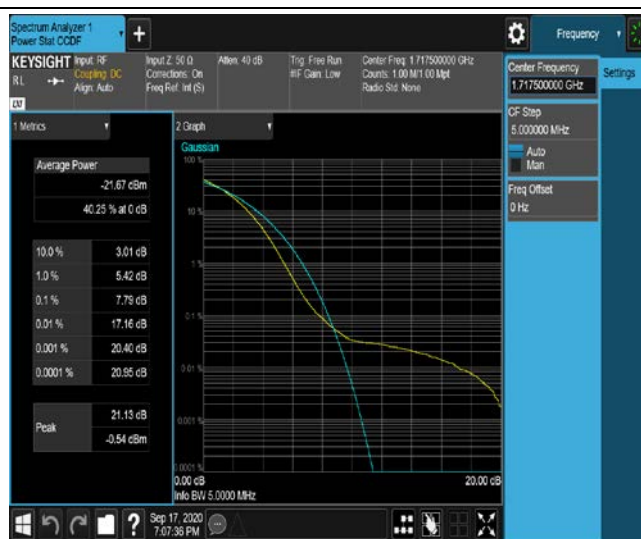


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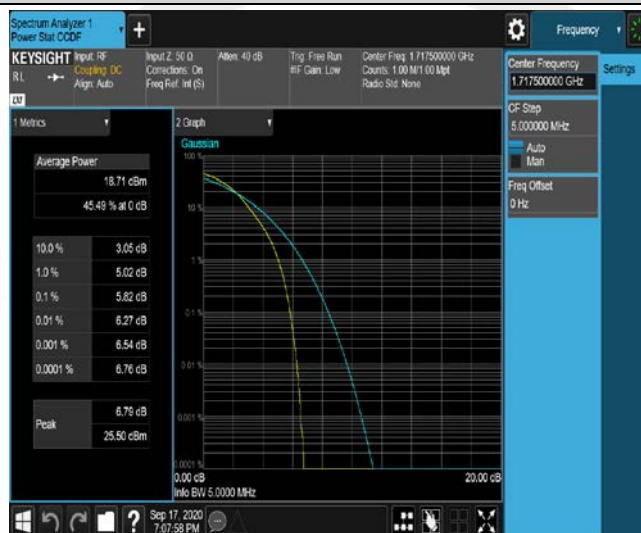


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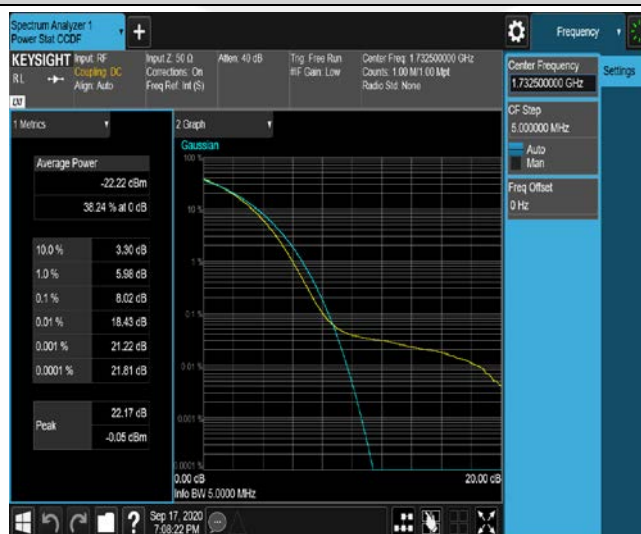




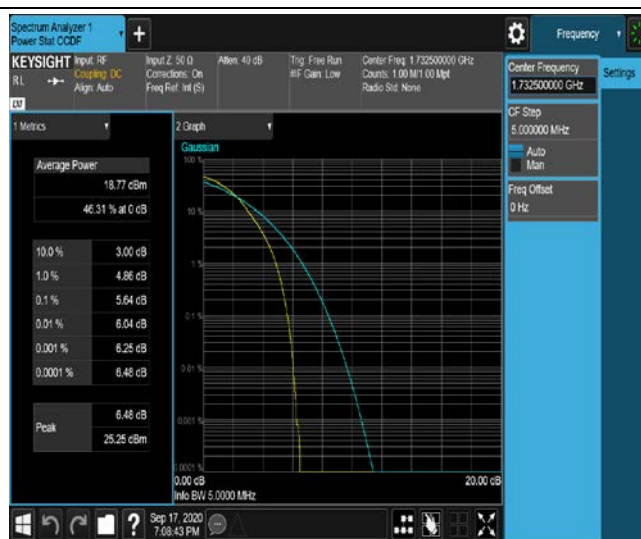
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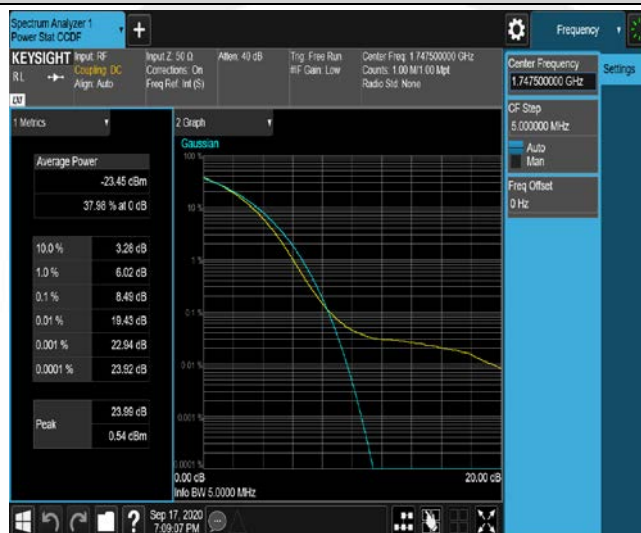
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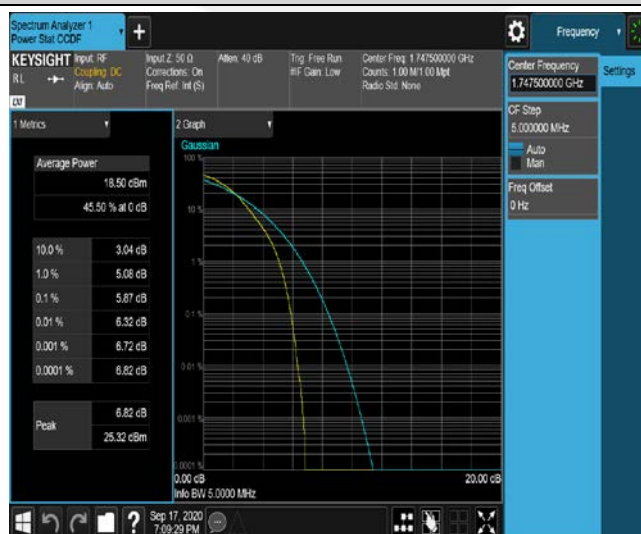
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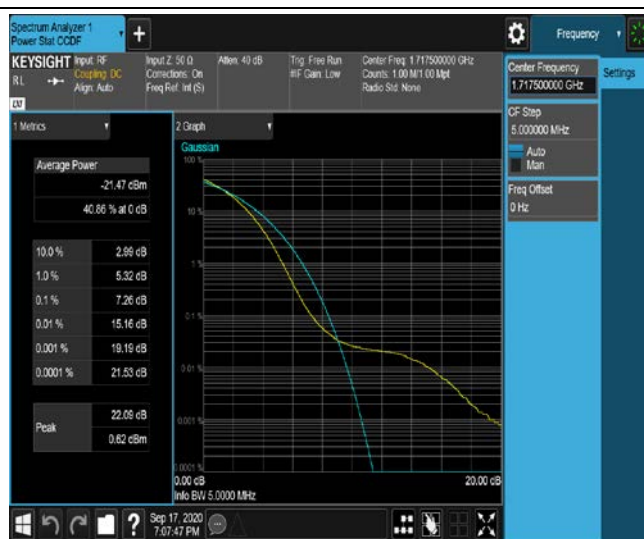
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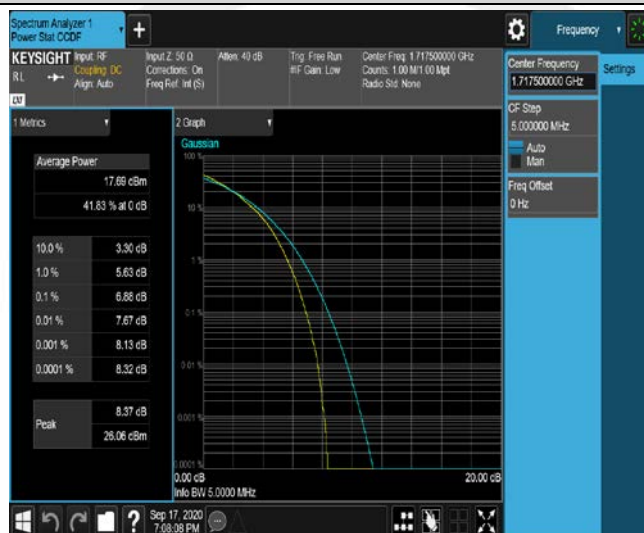
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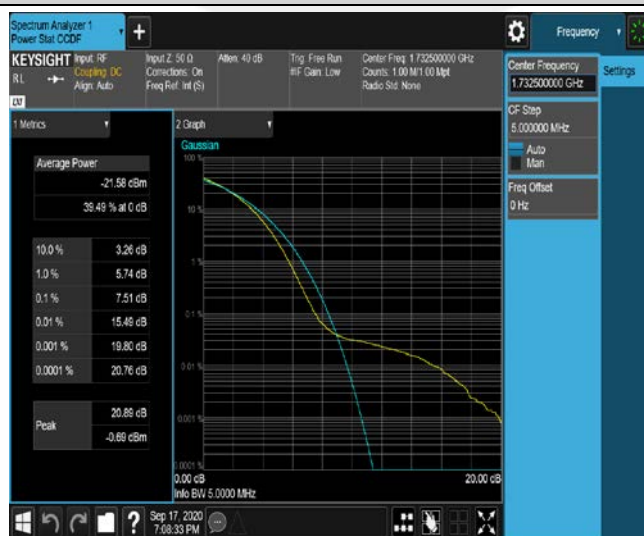
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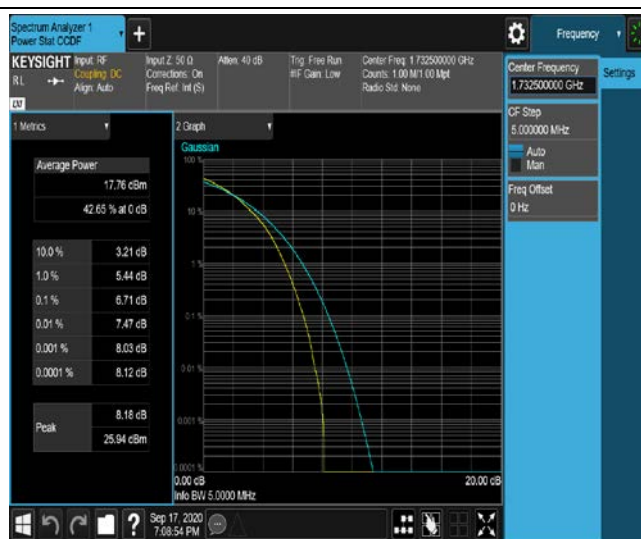
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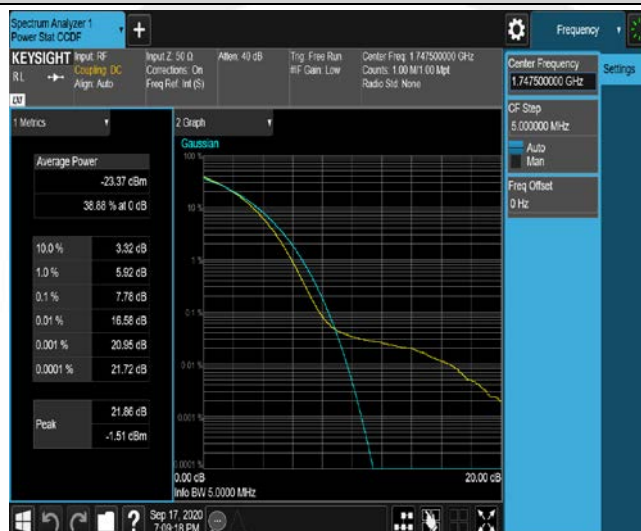
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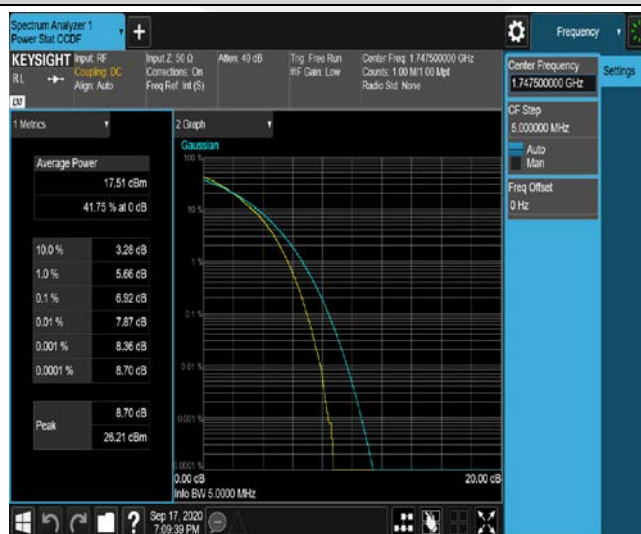
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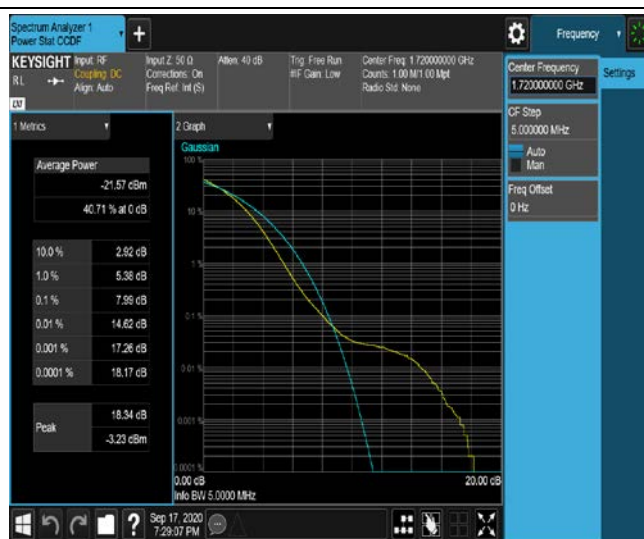
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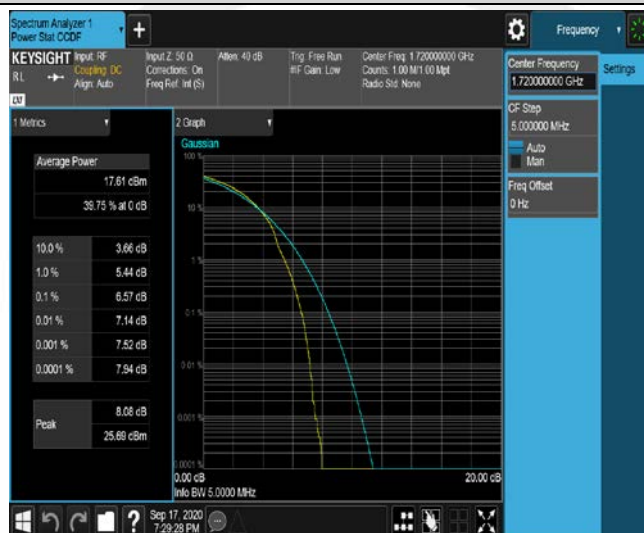
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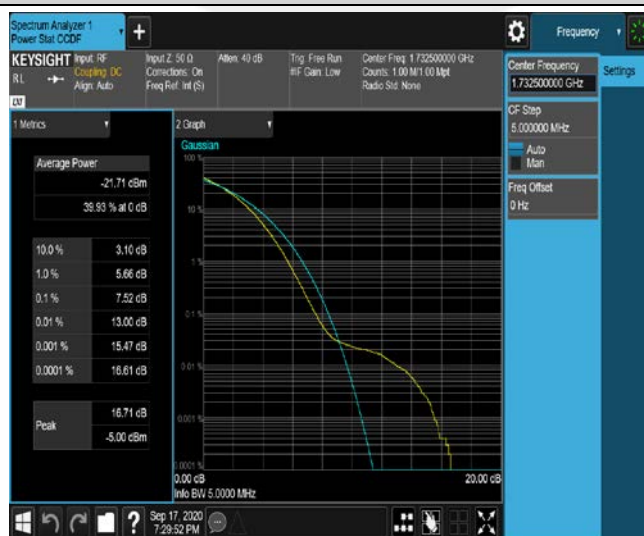
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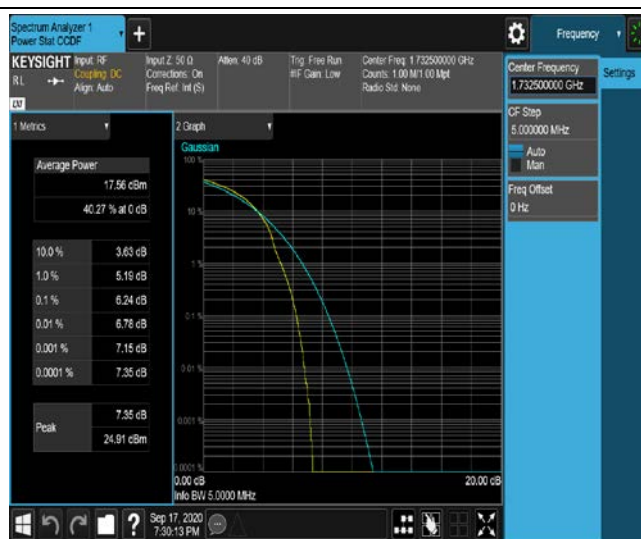
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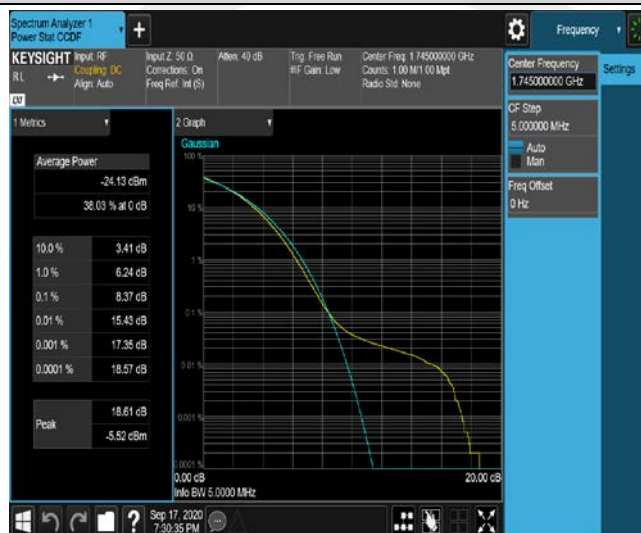
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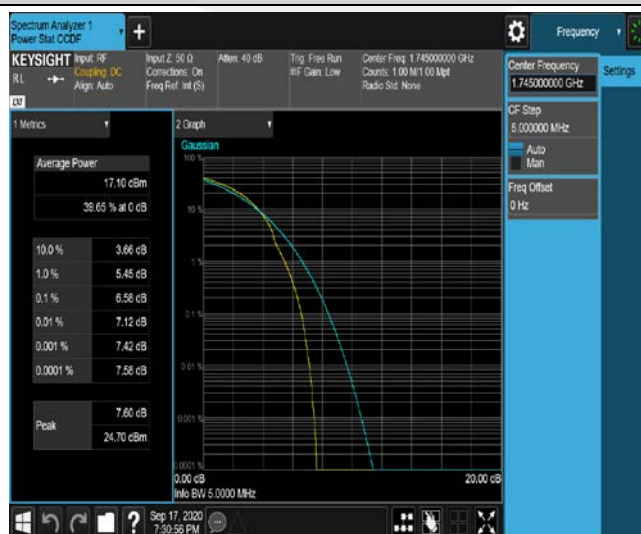
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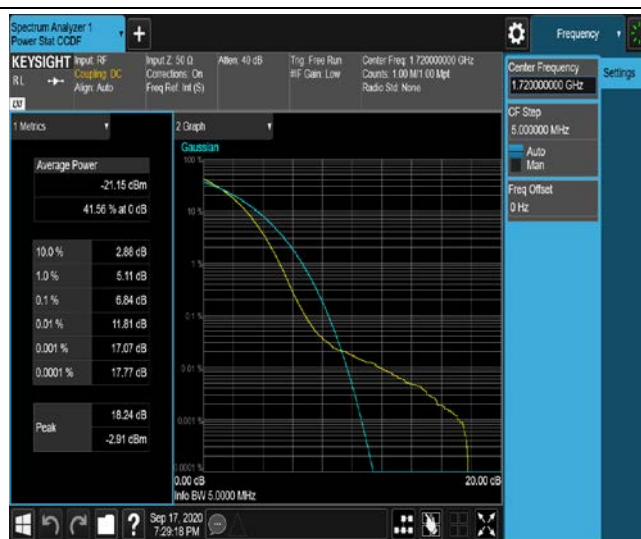
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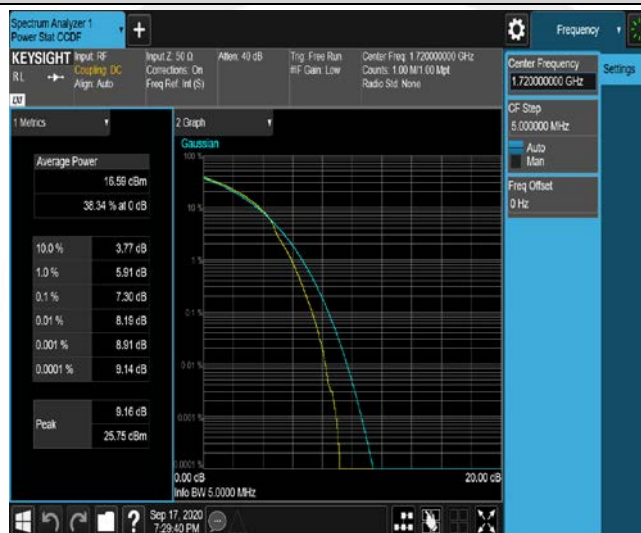
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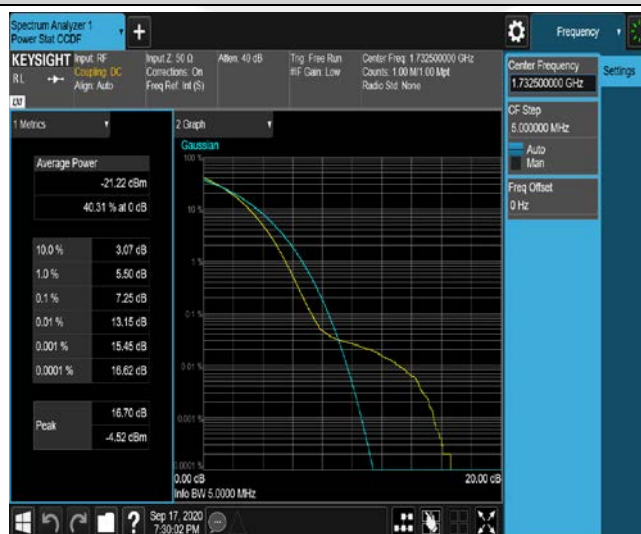
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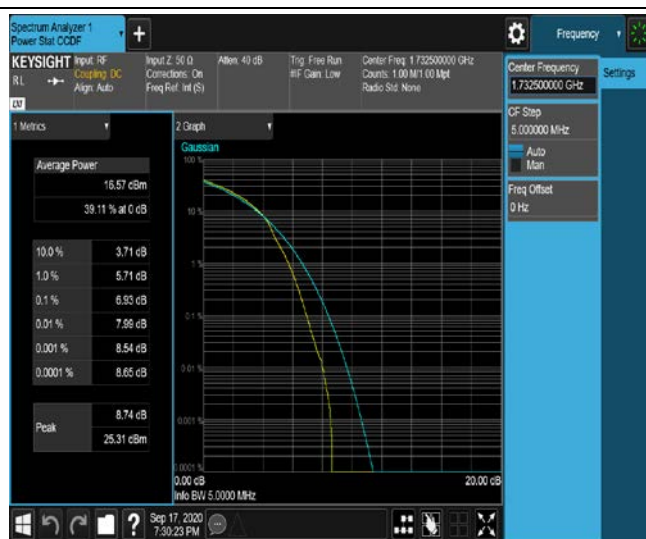
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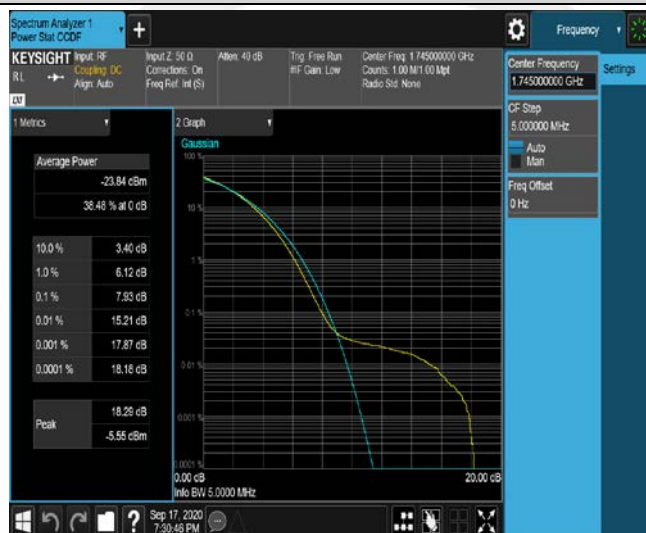
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