

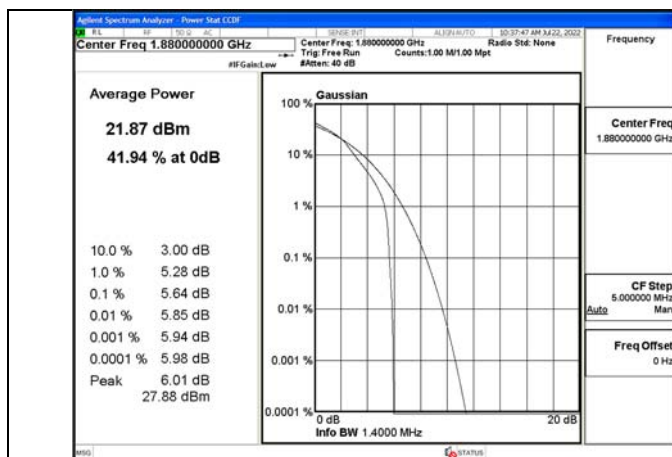


Fig.7

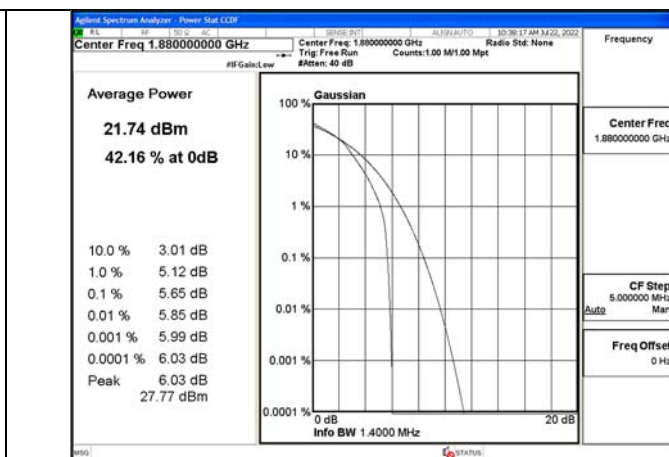


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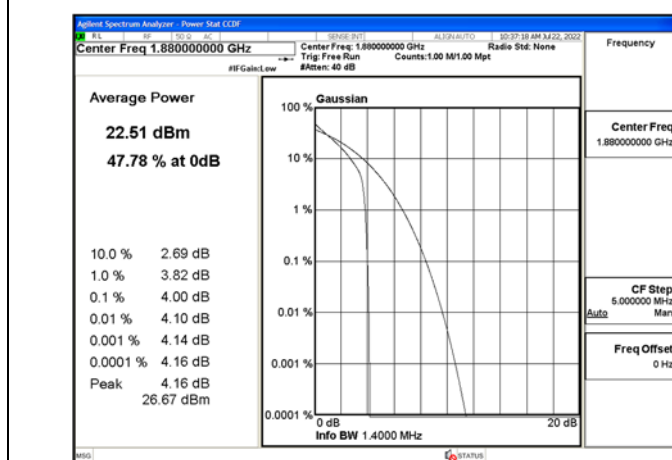


Fig.9

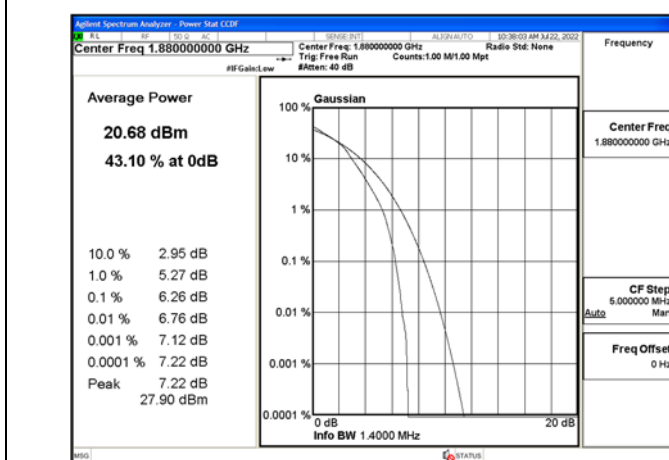


Fig.10

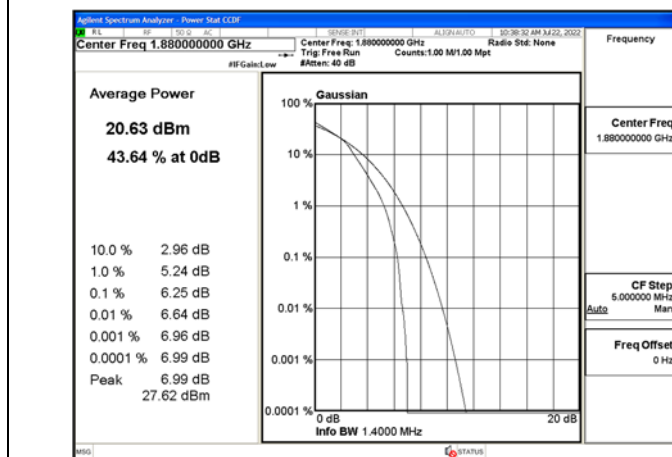


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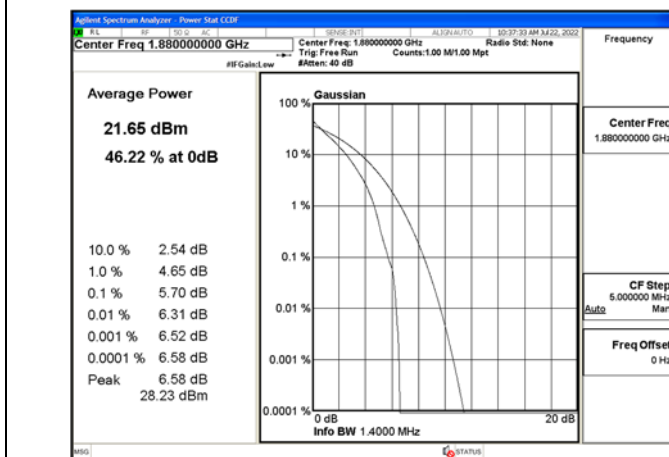


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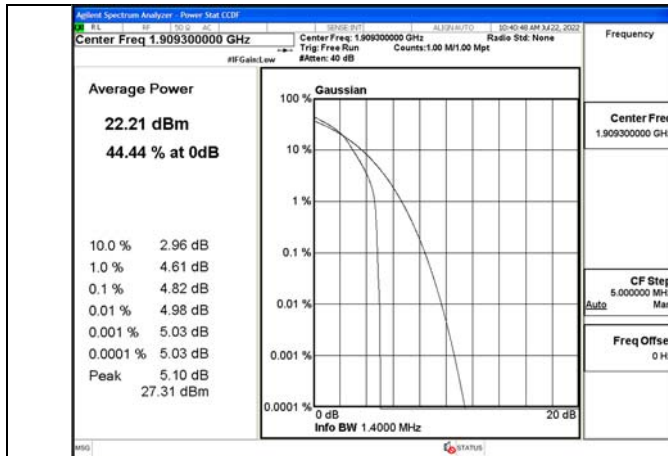


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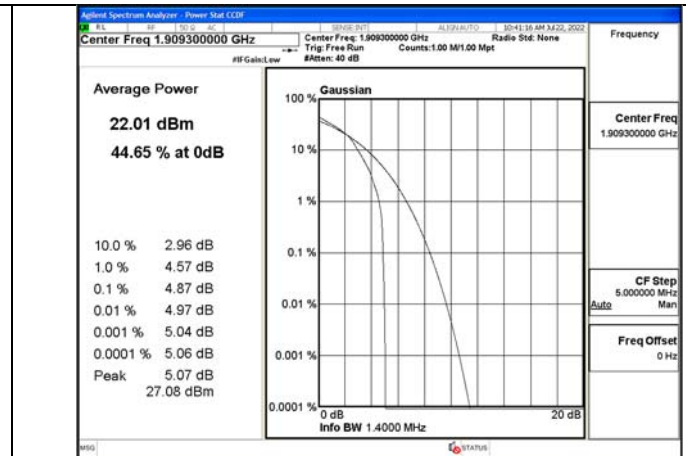


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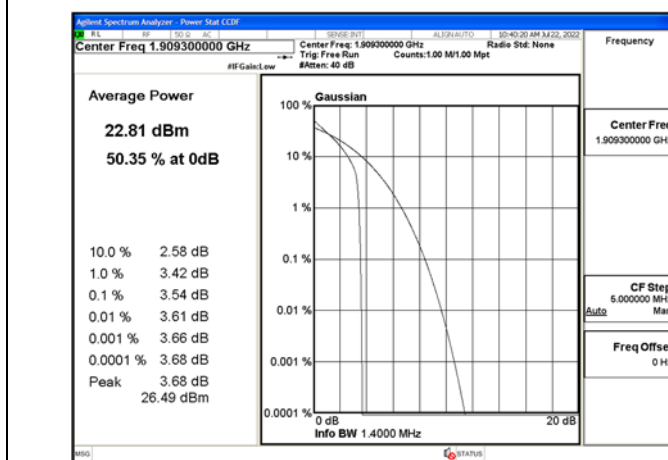


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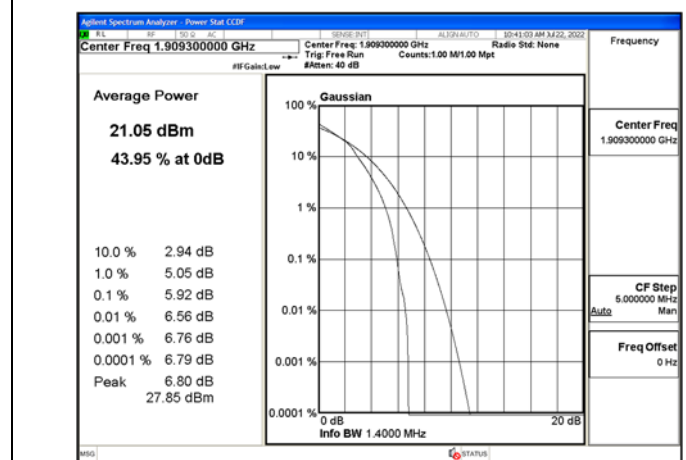


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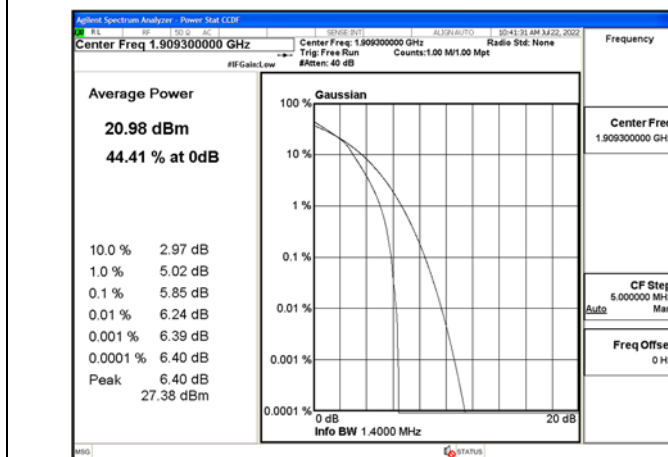


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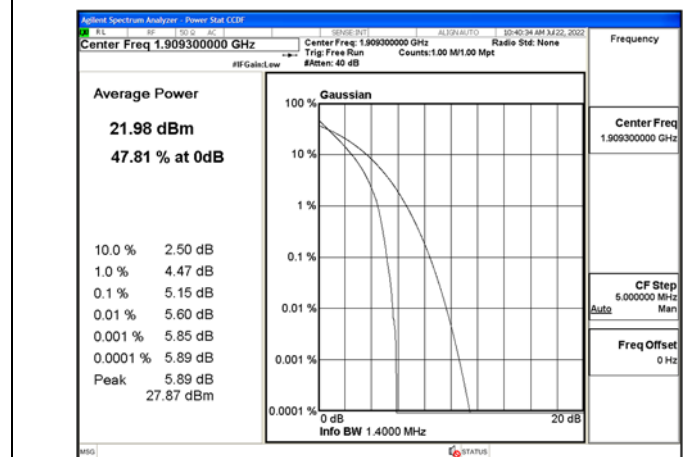


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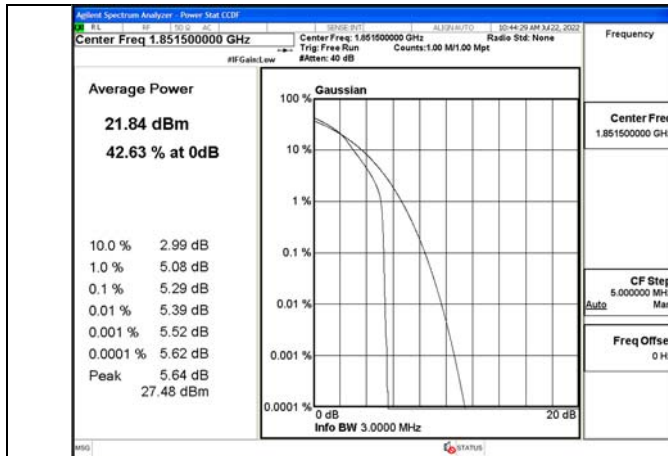


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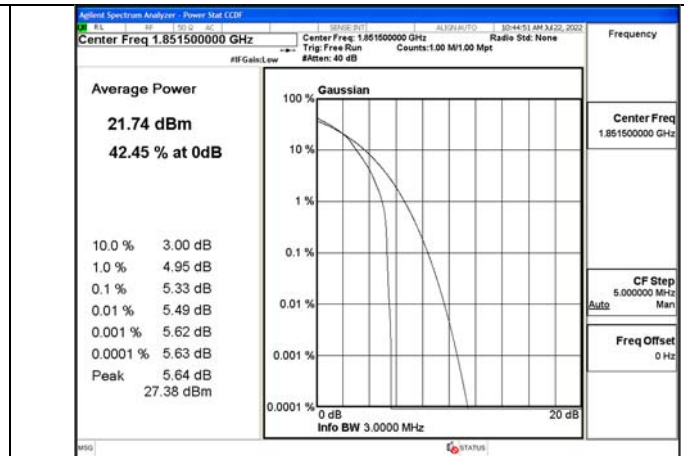


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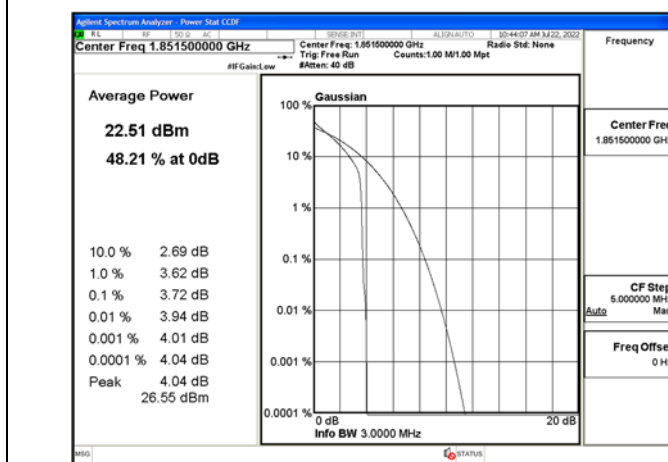


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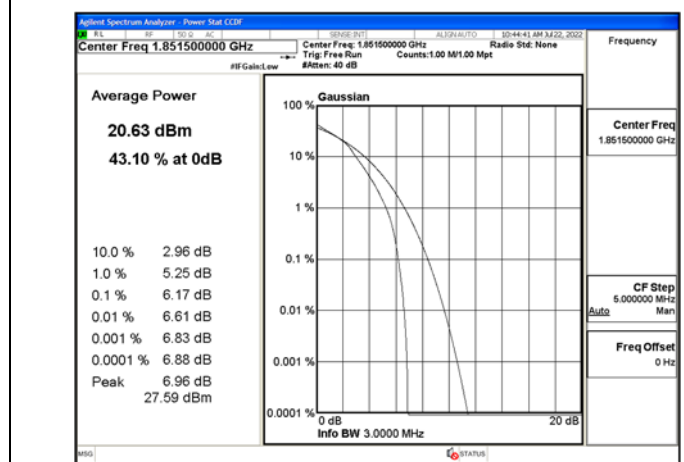


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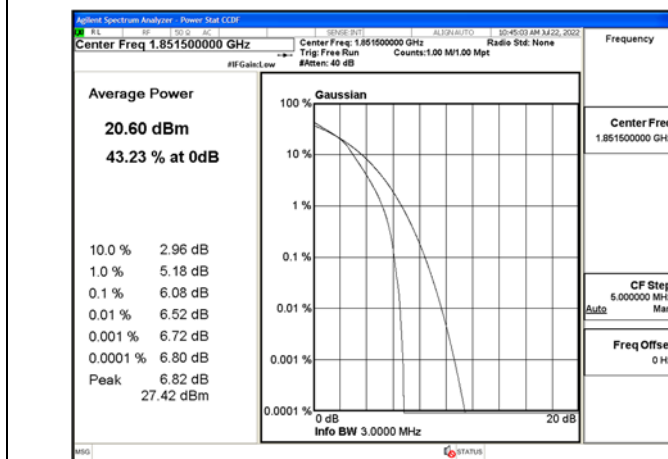


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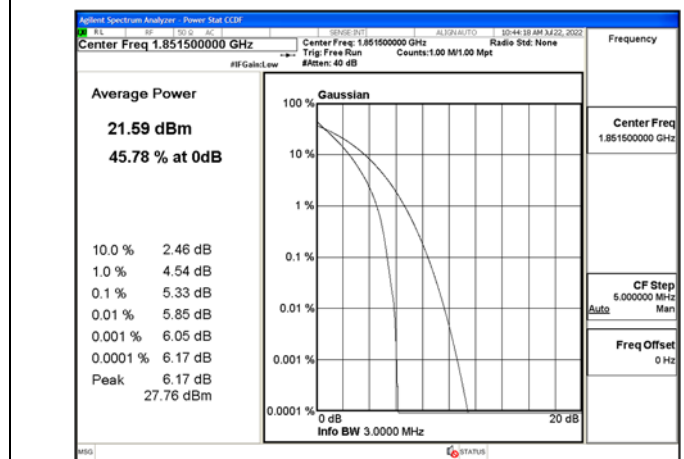


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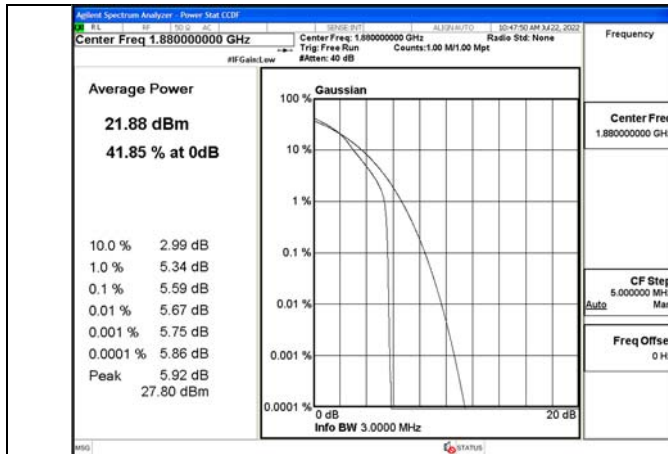


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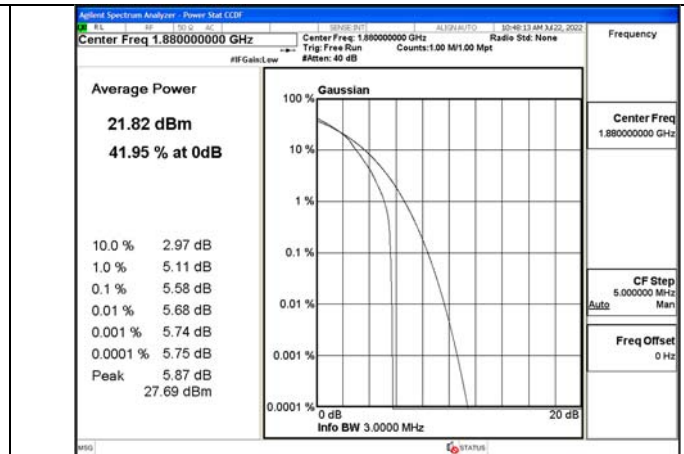


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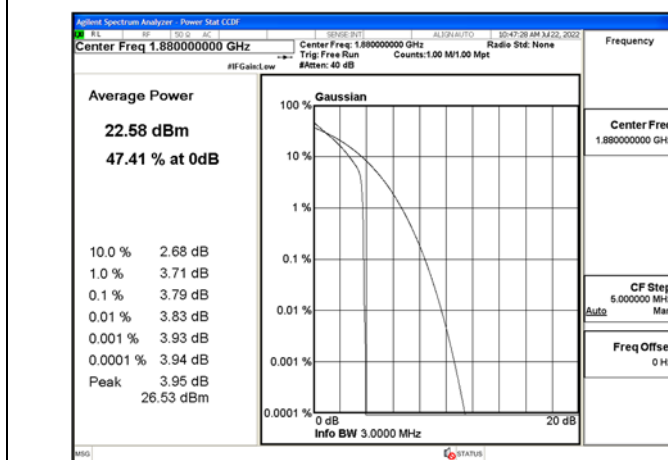


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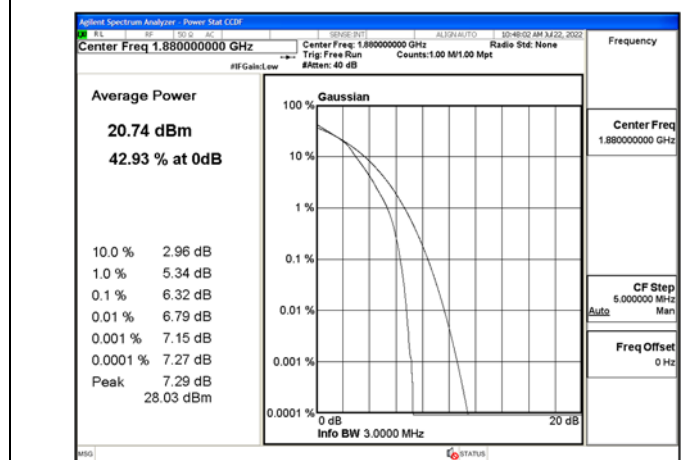


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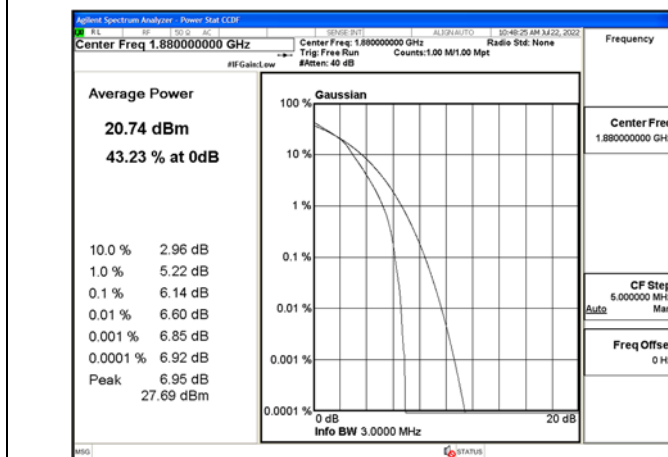


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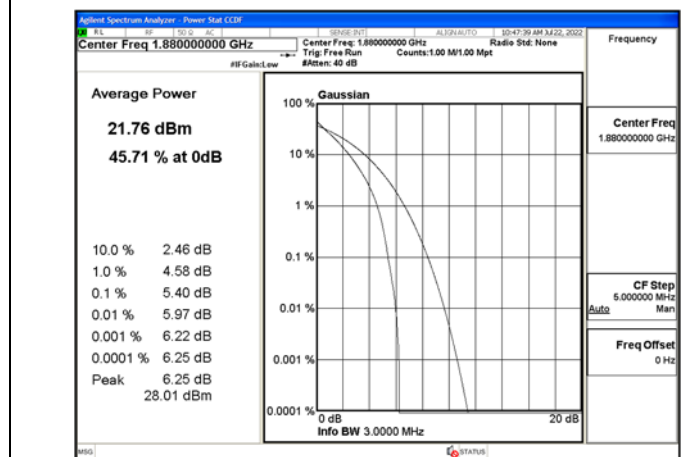


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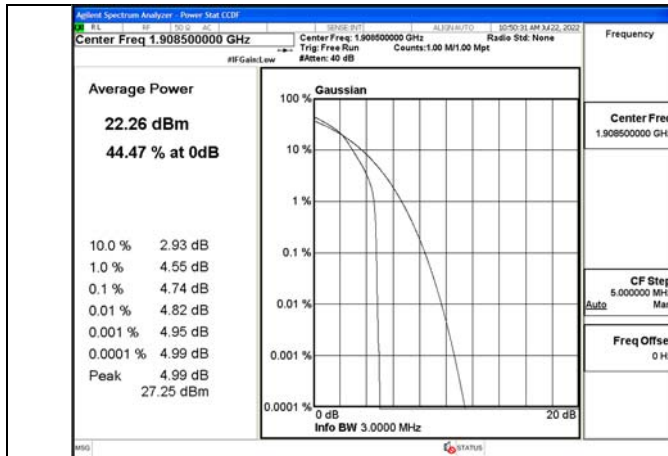


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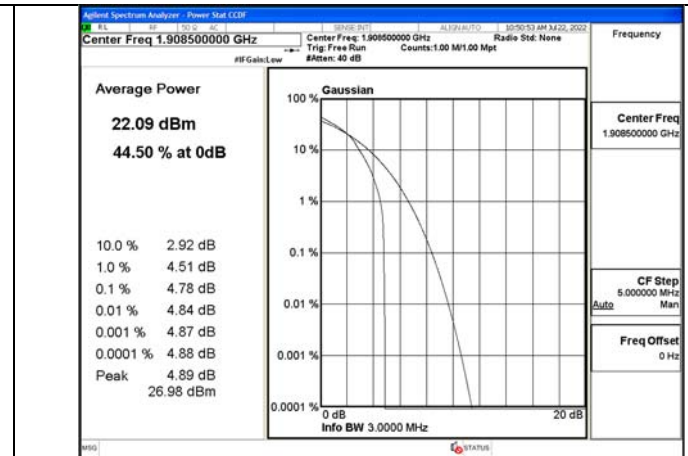


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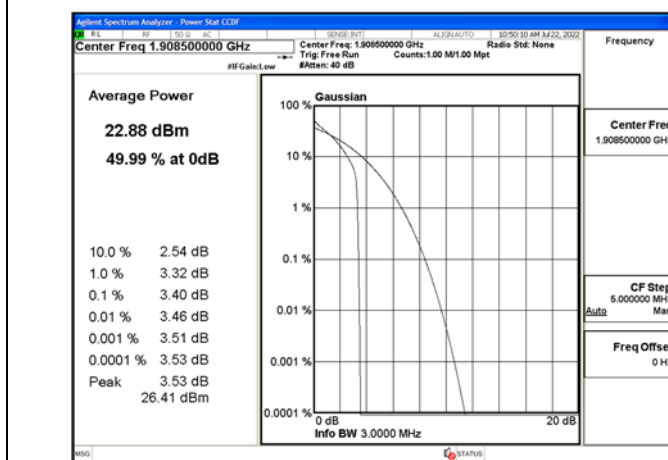


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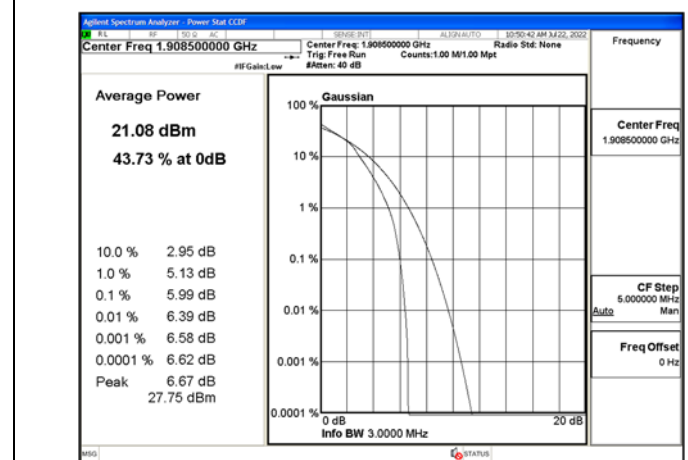


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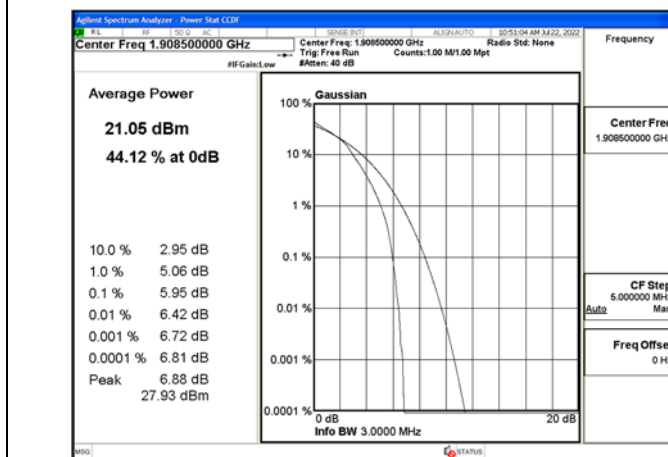


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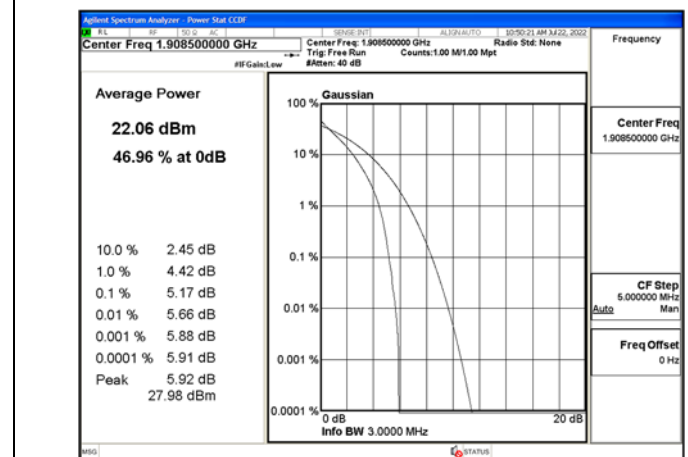


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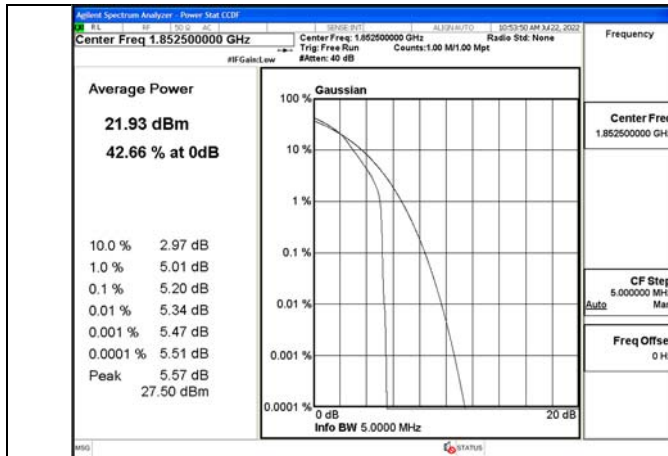


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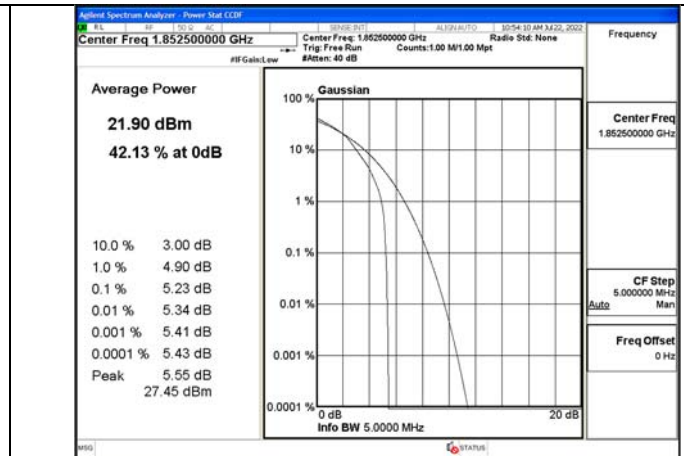


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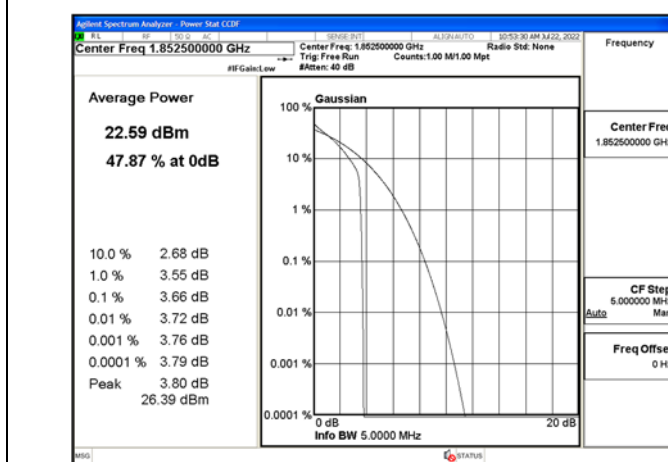


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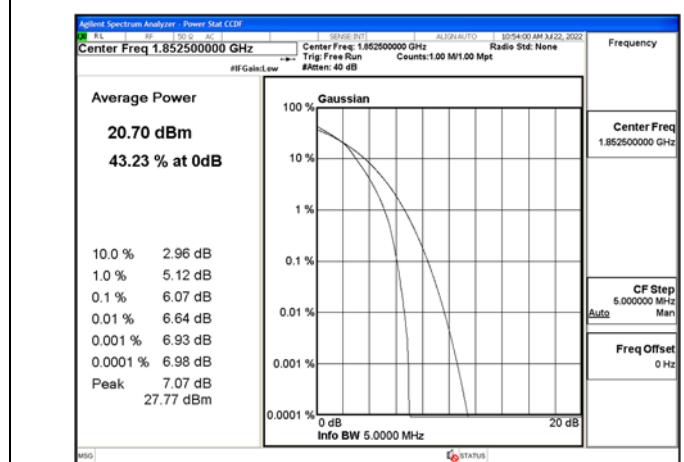


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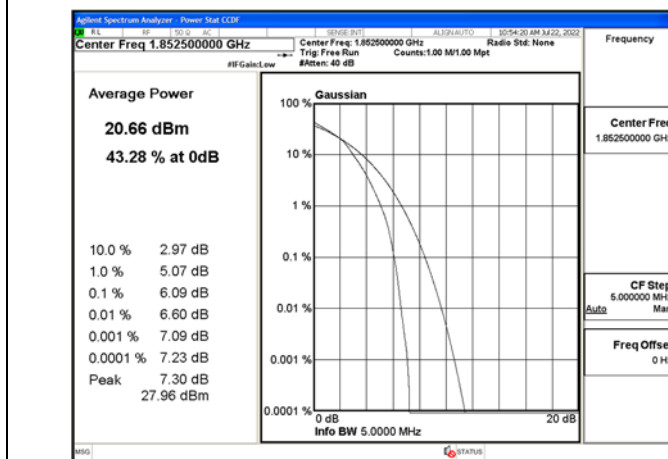


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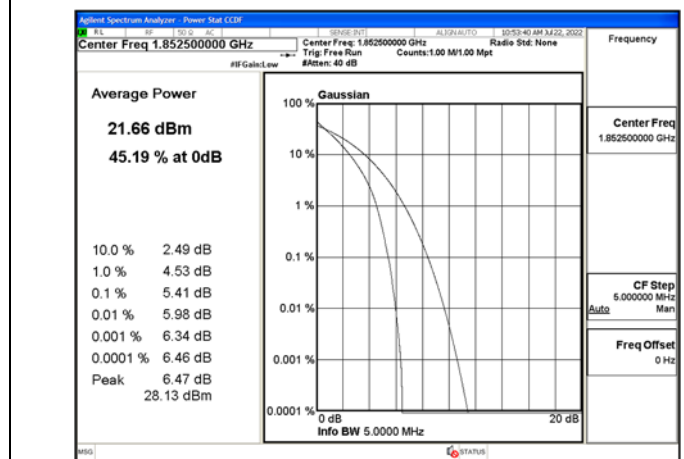


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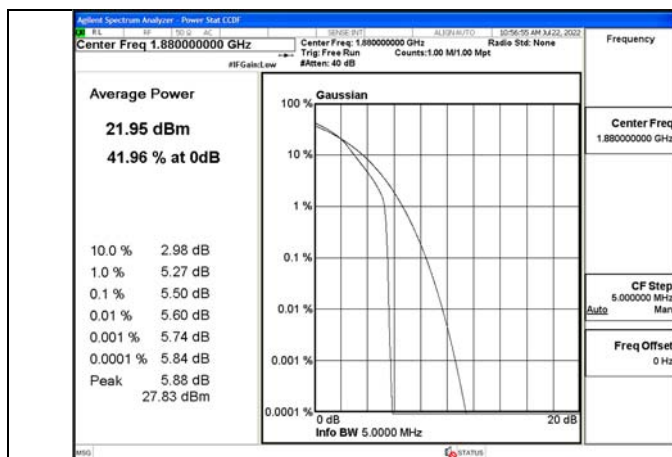


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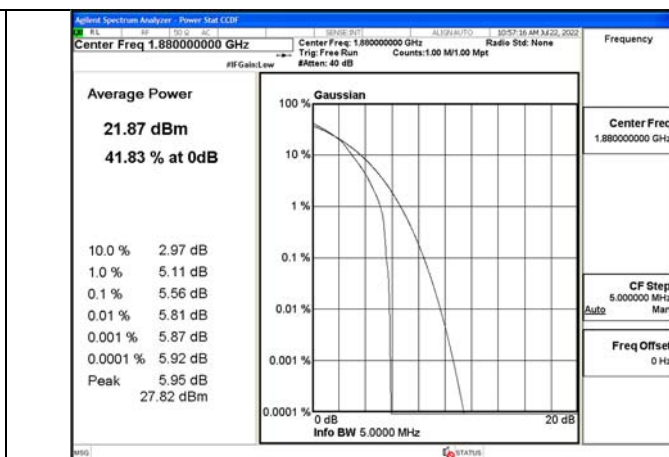


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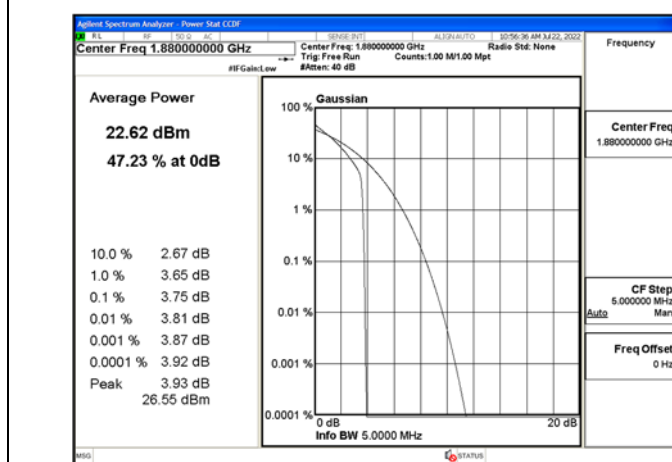


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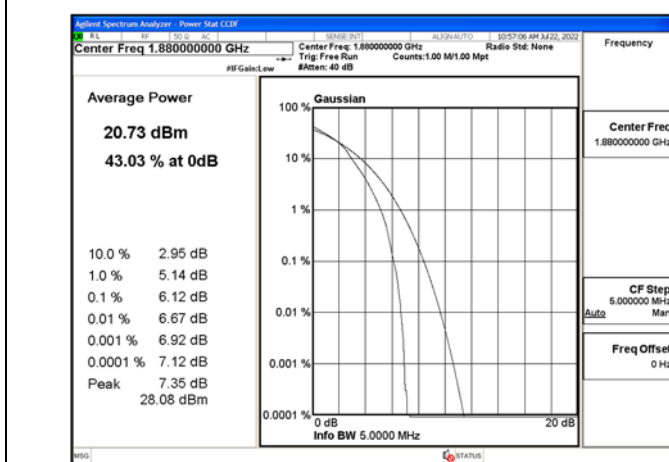


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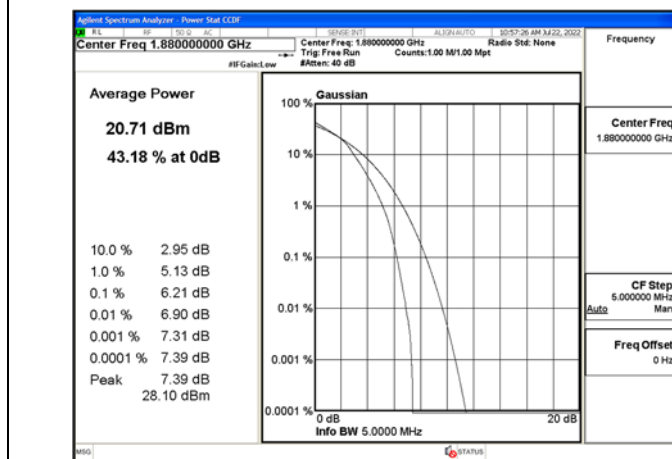


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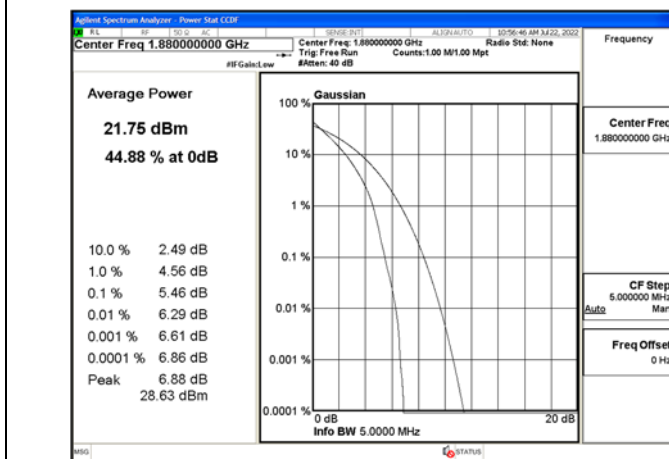


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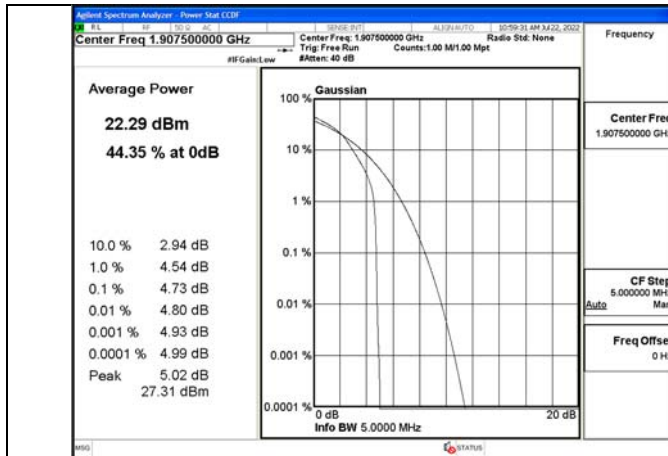


Fig.49

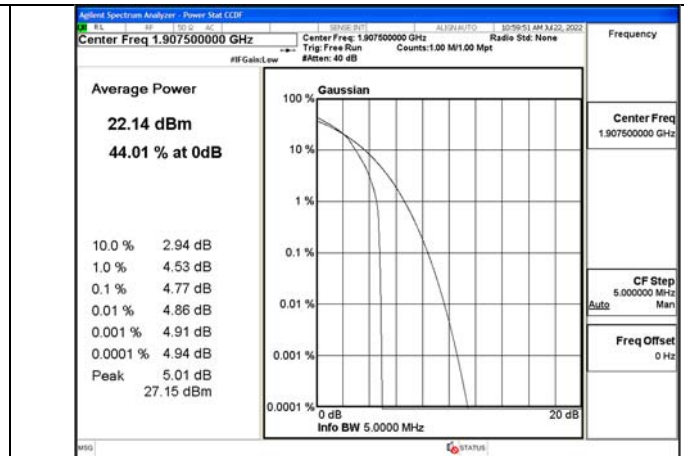


Fig.50

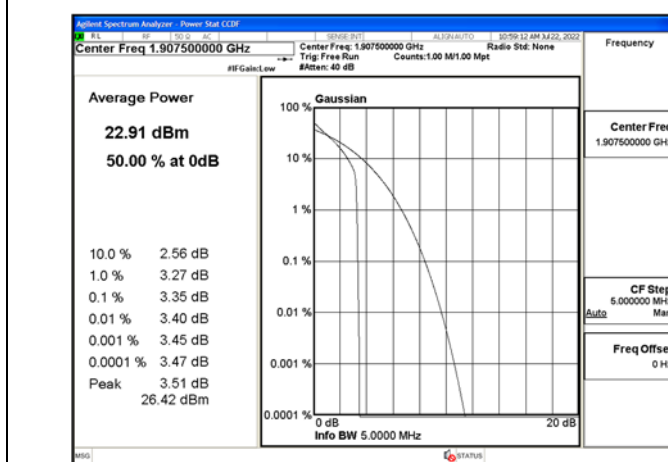


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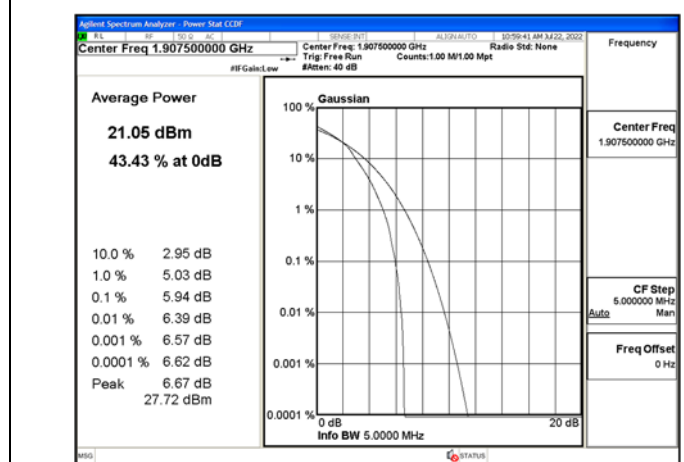


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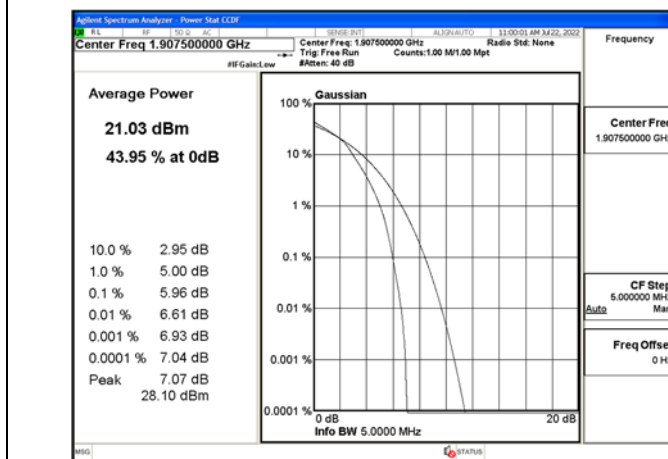


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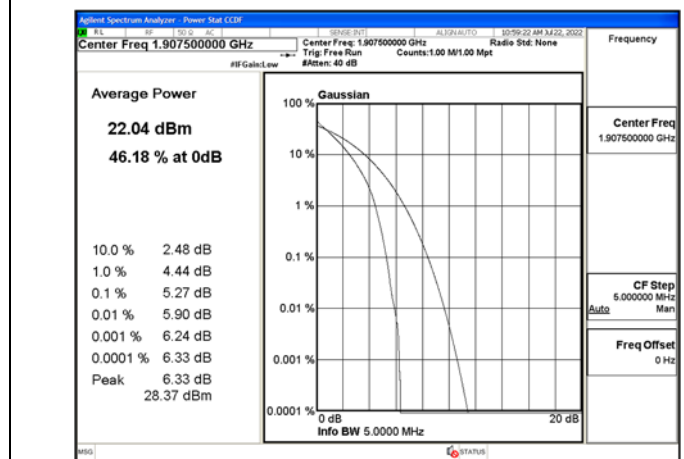


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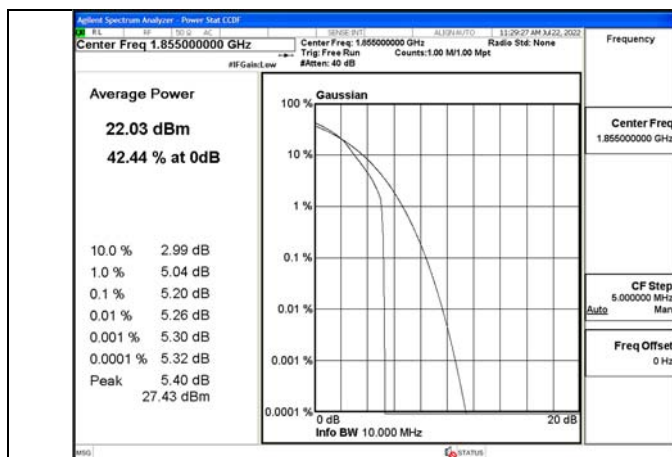


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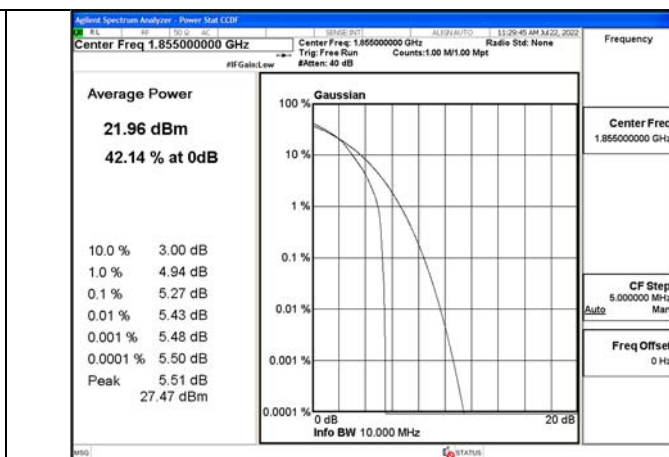


Fig.56

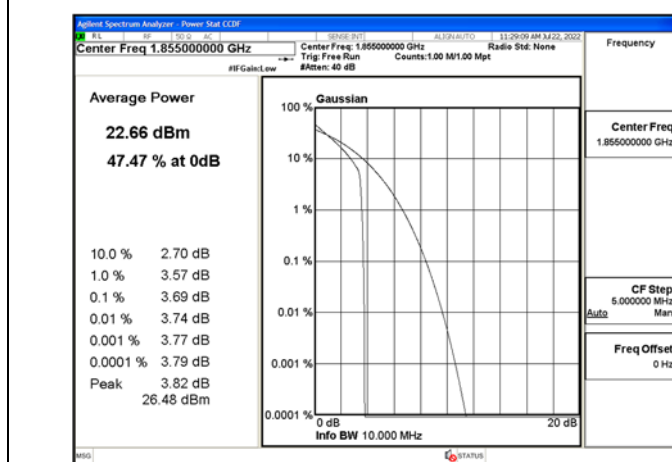


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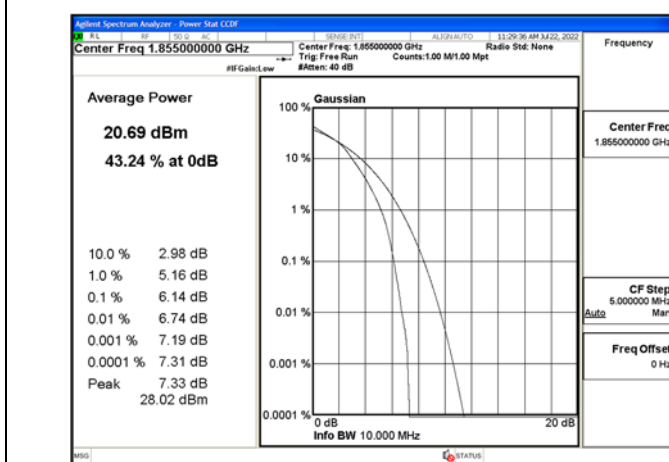


Fig.58

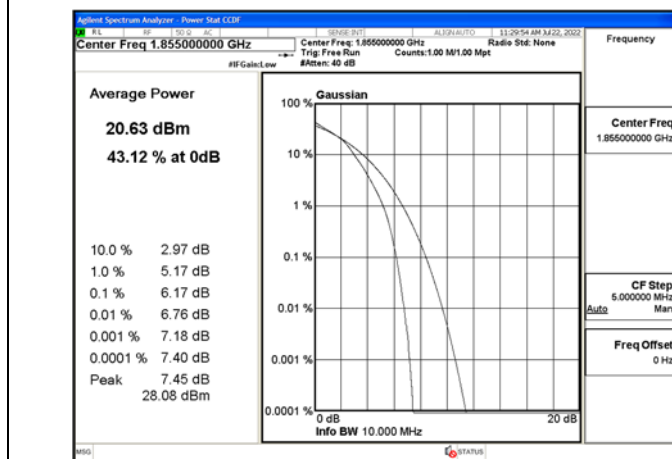


Fig.59

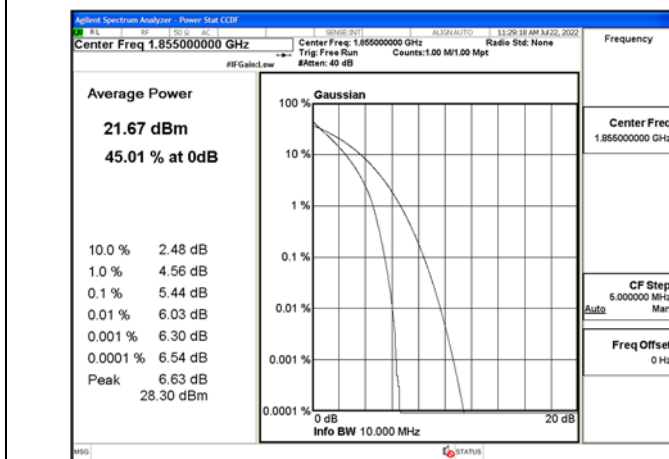


Fig.60

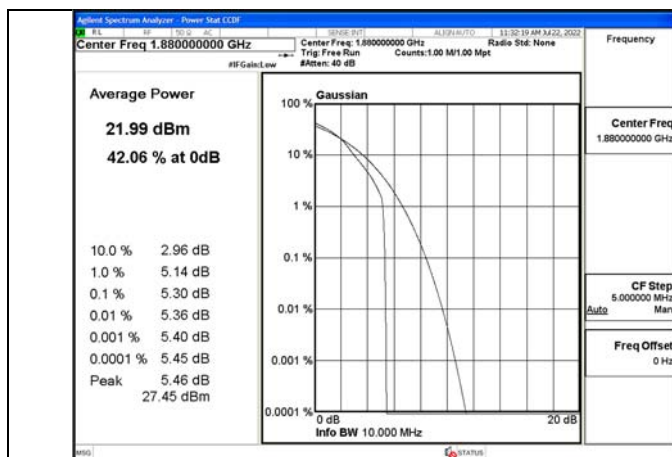


Fig.61

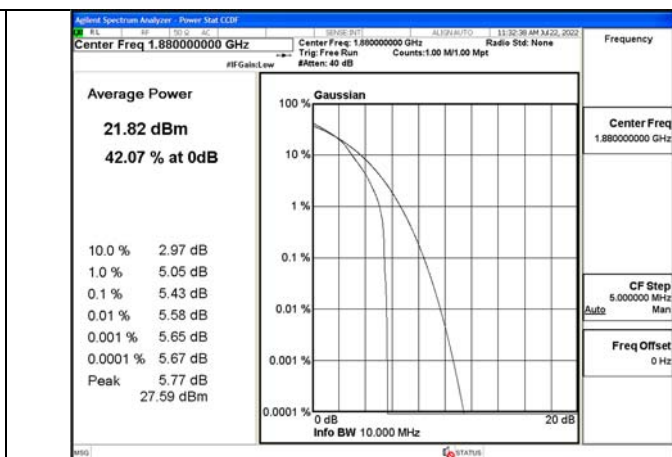


Fig.62

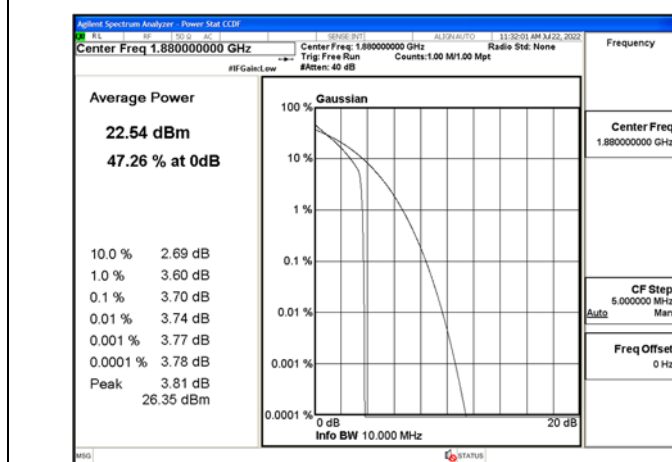


Fig.63

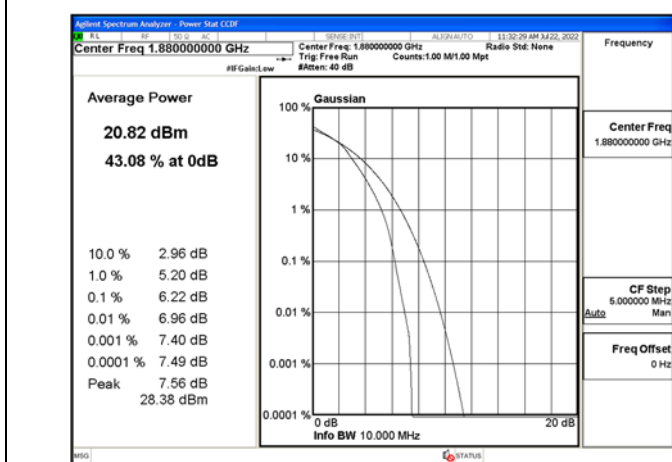


Fig.64

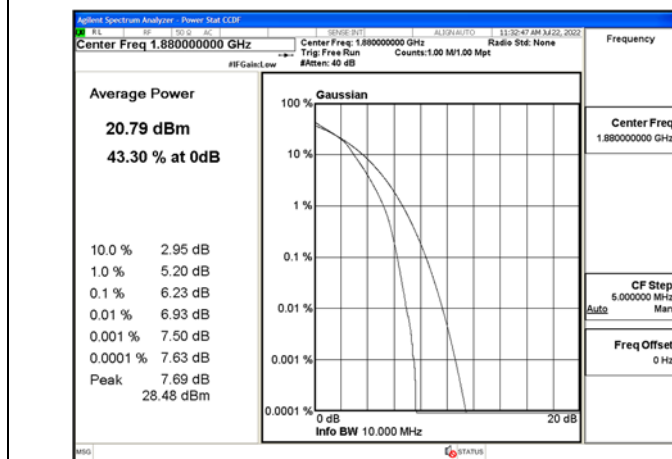


Fig.65

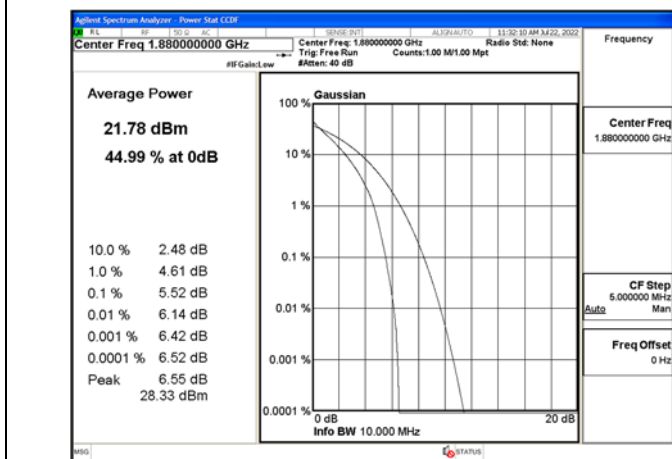


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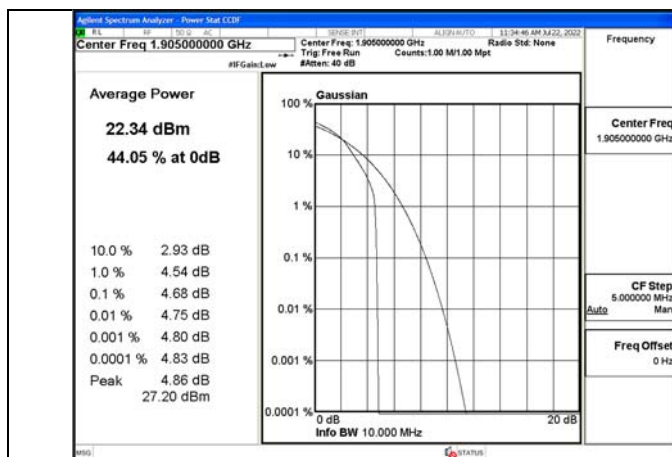


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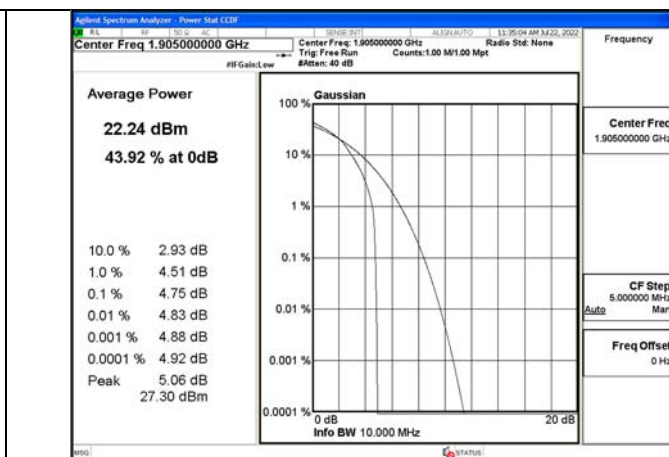


Fig.68

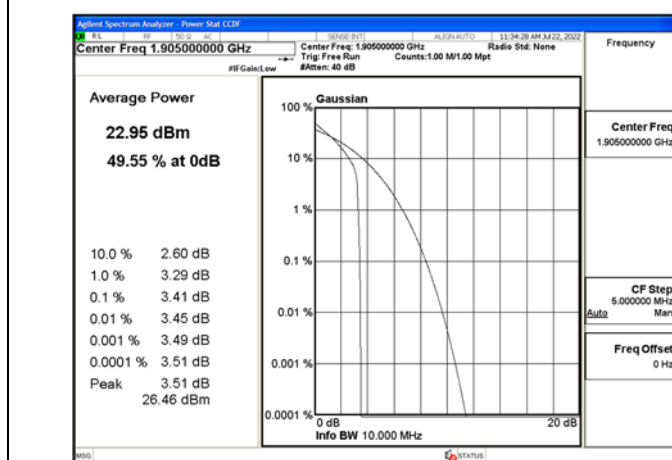


Fig.69

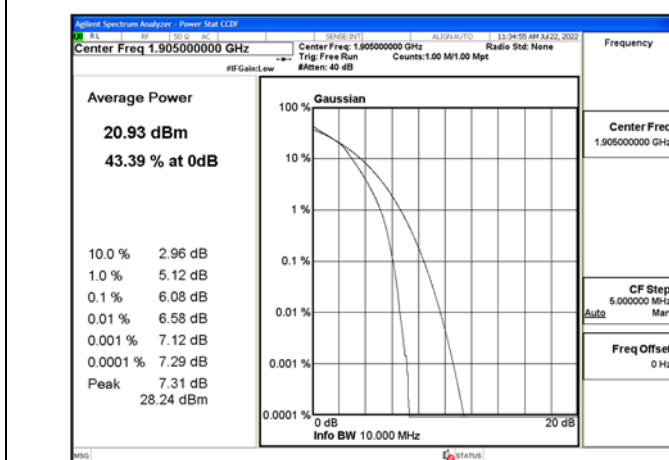


Fig.70

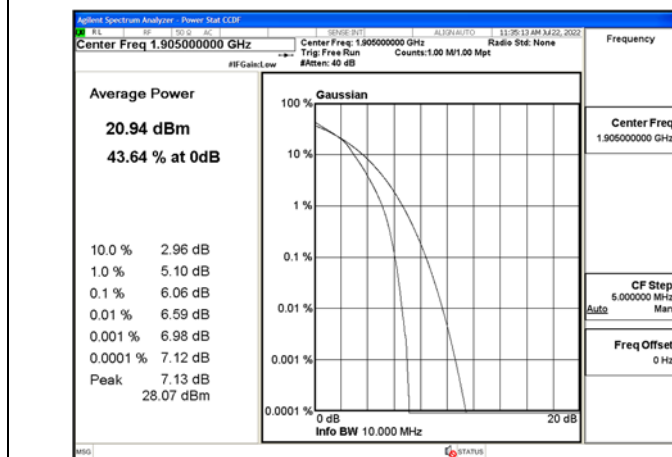


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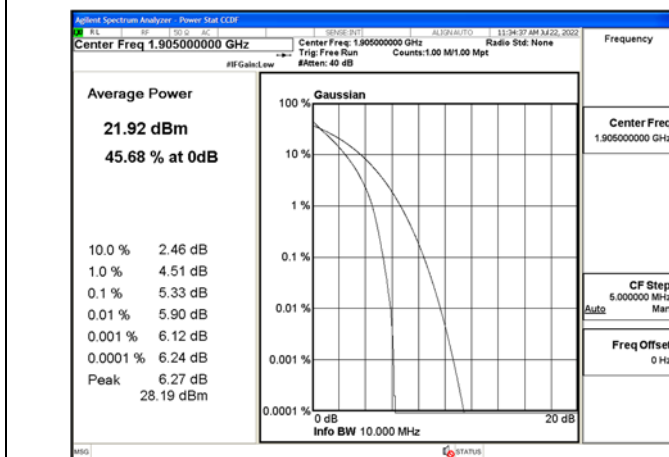


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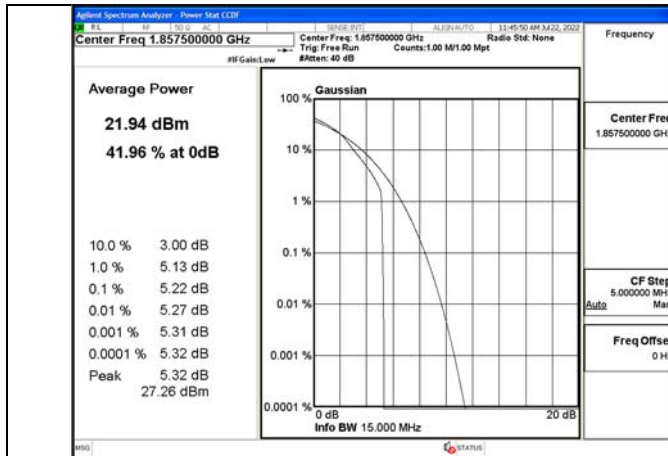


Fig.73

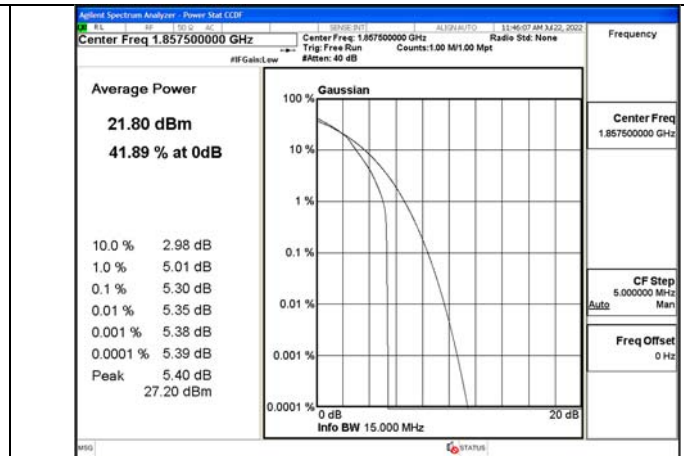


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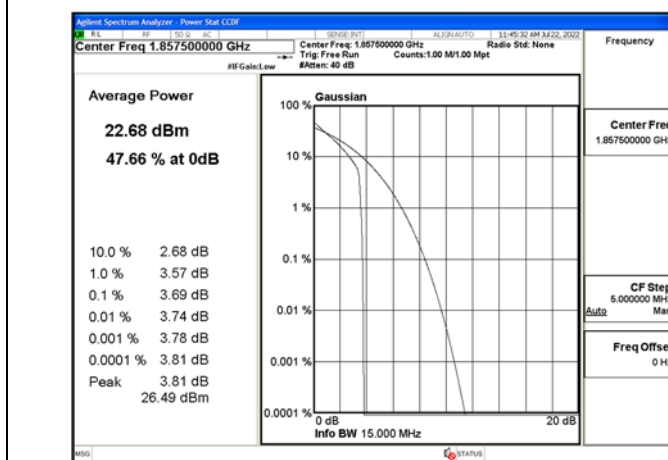


Fig.75

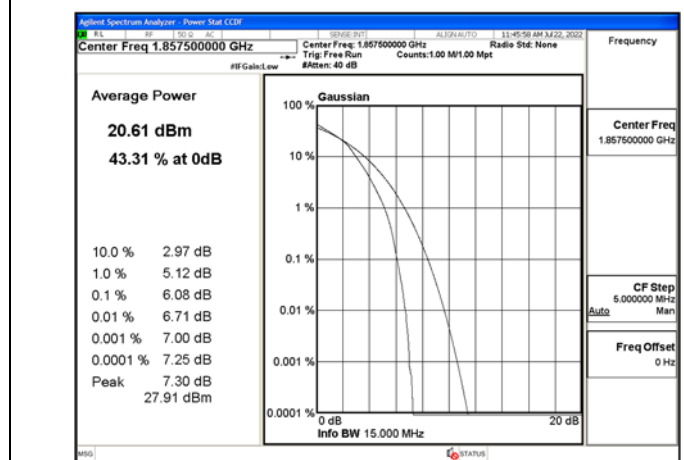


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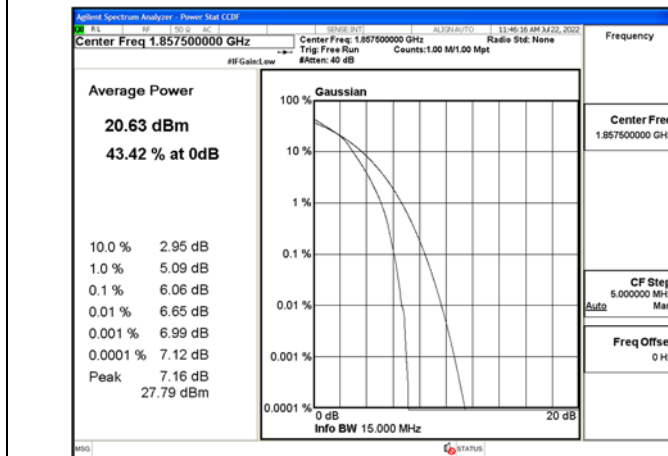


Fig.77

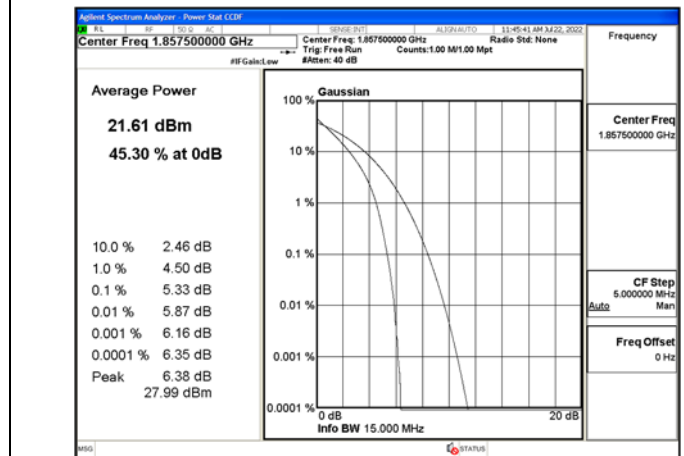


Fig.78

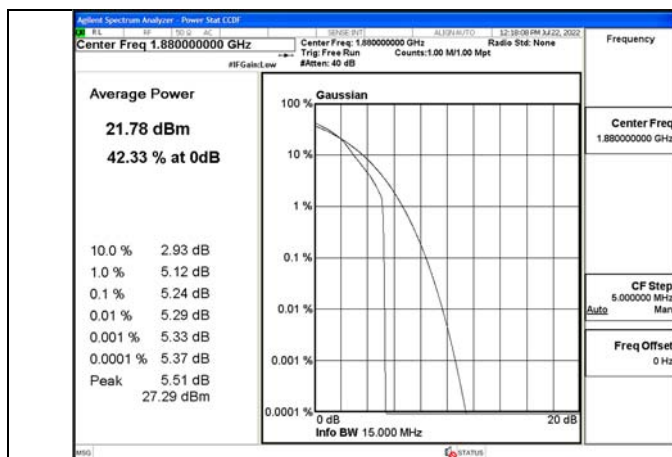


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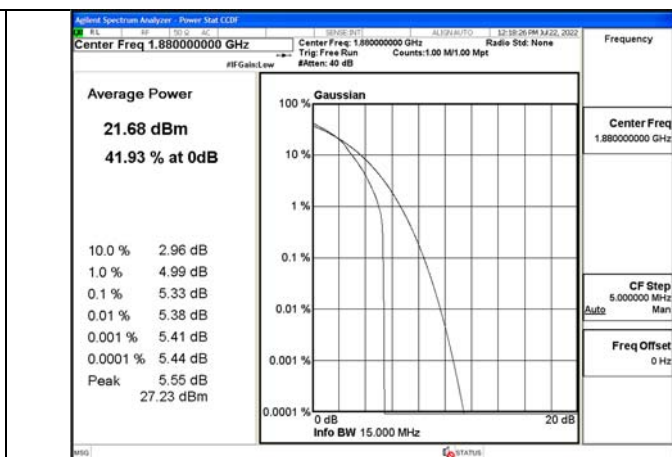


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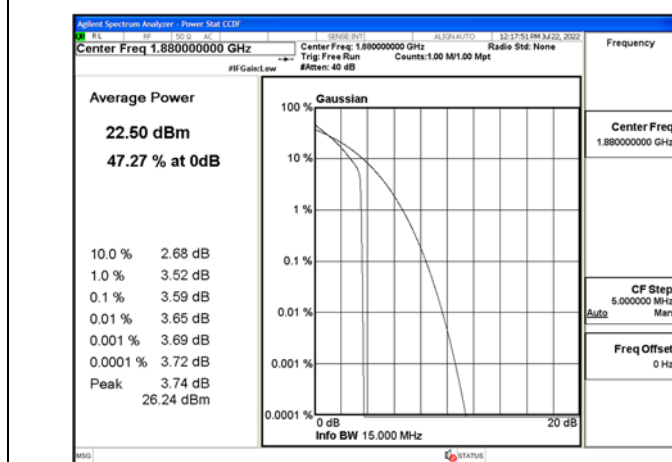


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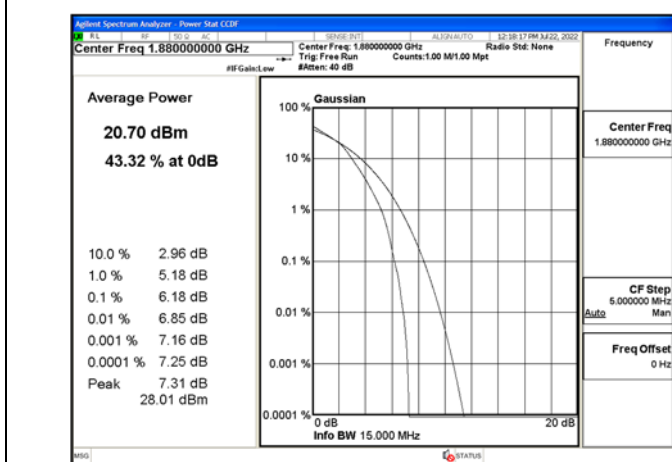


Fig.82

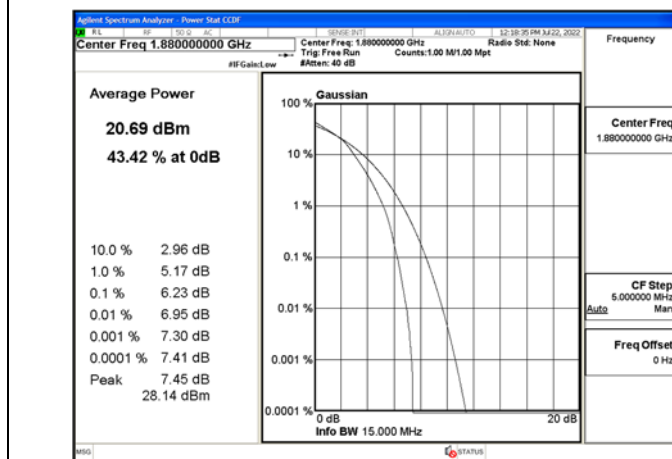


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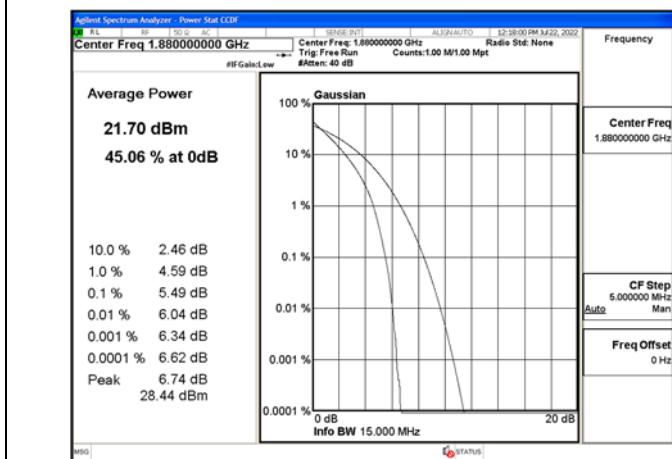


Fig.84

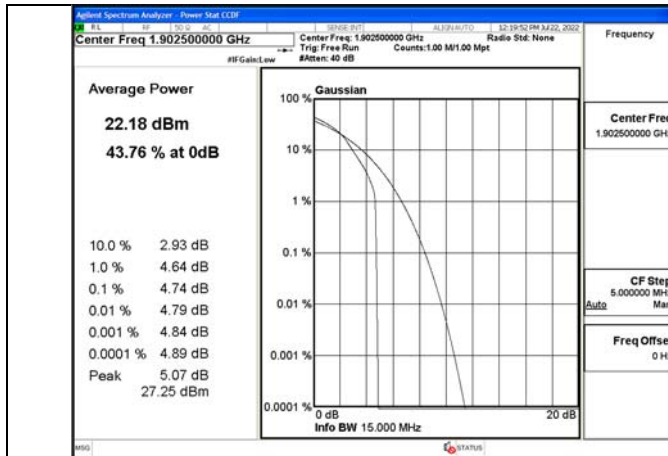


Fig.85

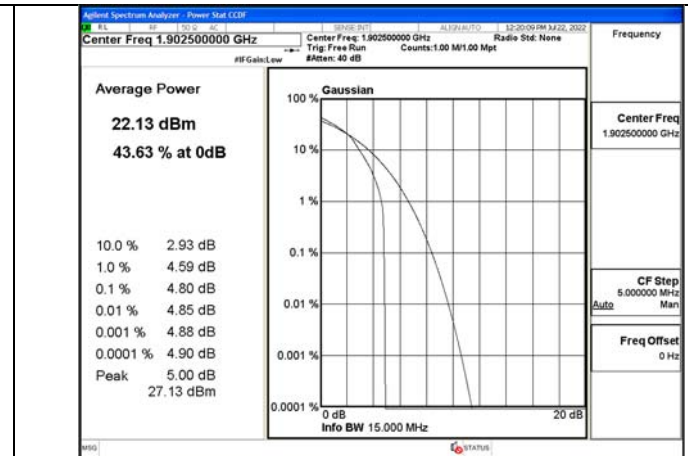


Fig.86

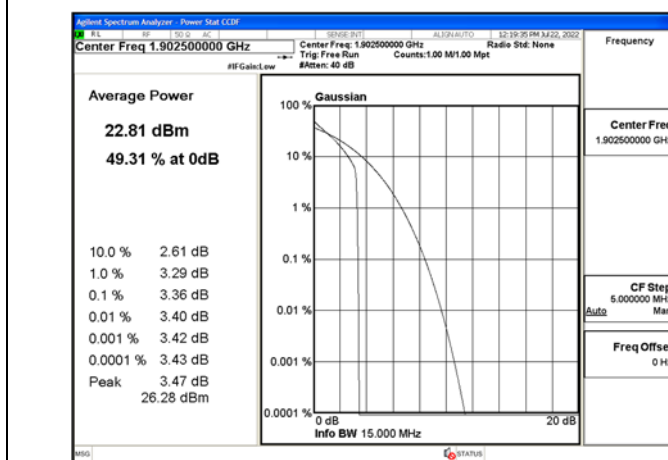


Fig.87

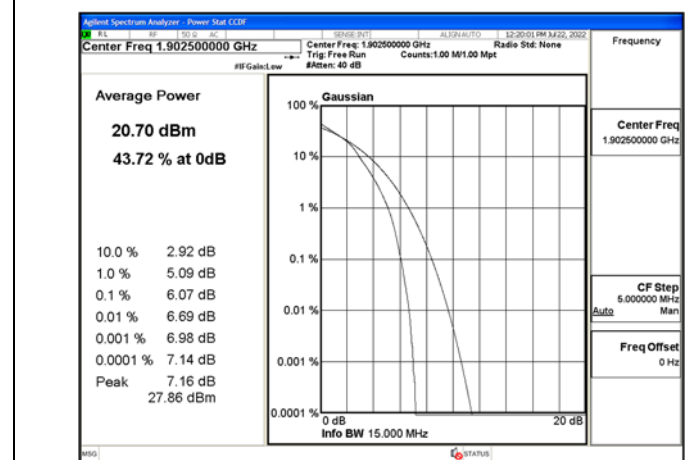


Fig.88

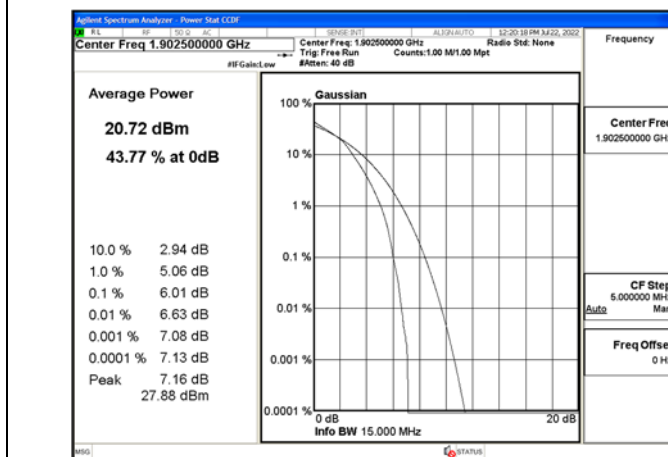


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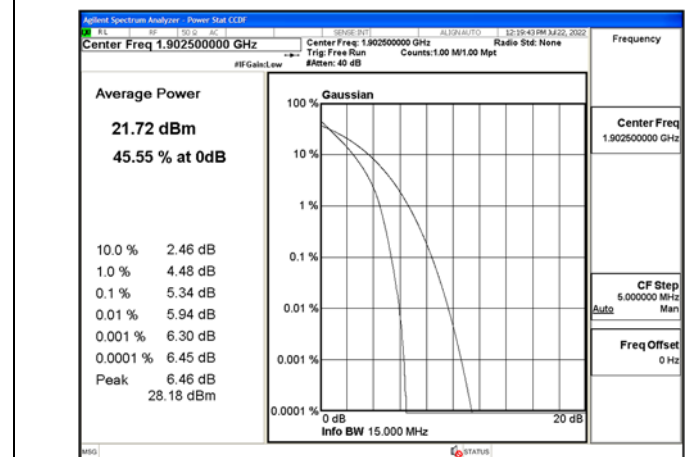


Fig.90

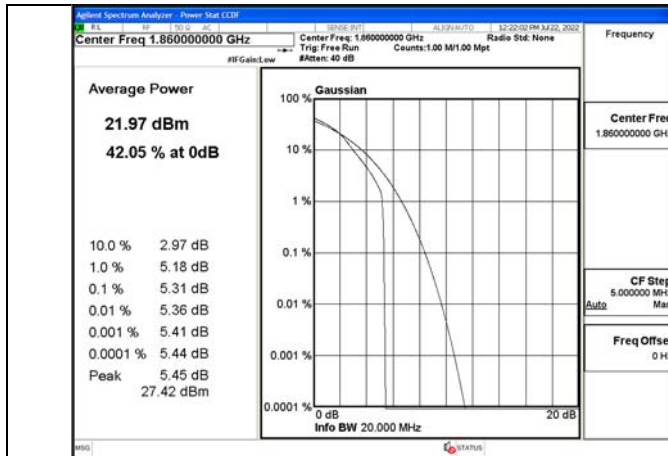


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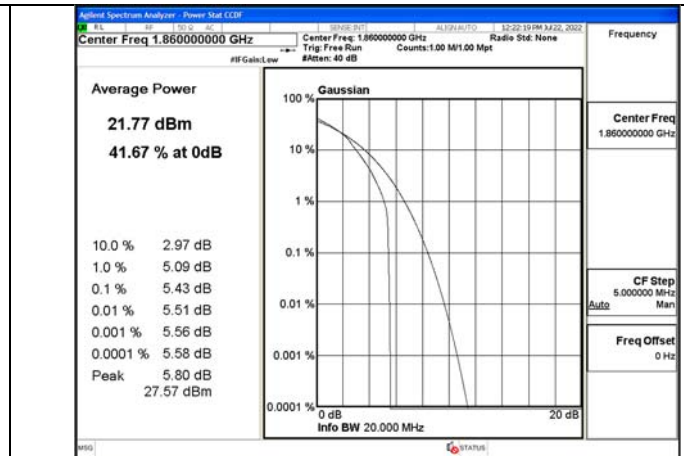


Fig.92

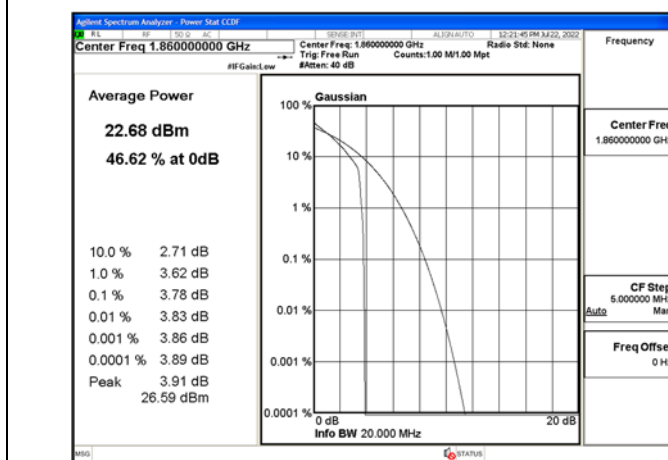


Fig.93

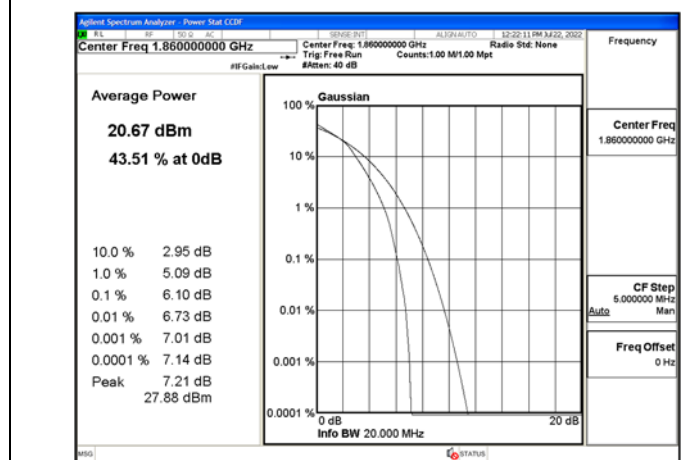


Fig.94

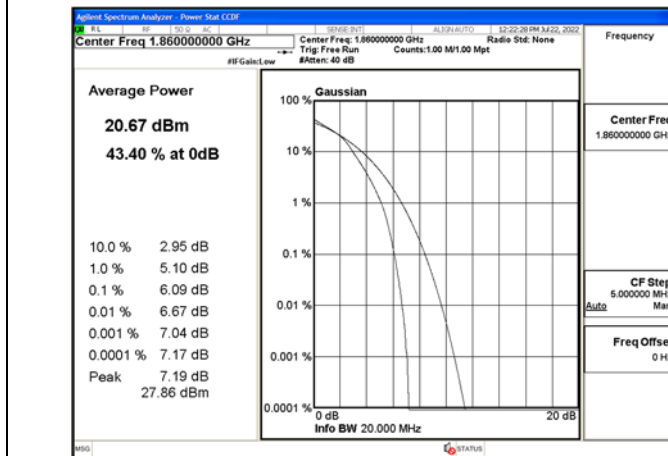


Fig.95

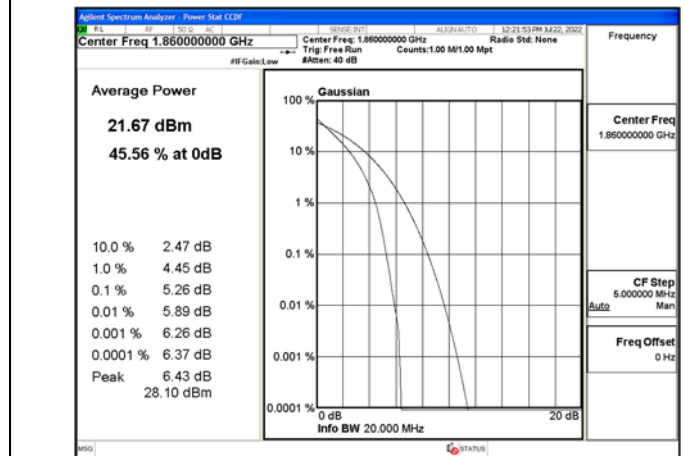


Fig.96

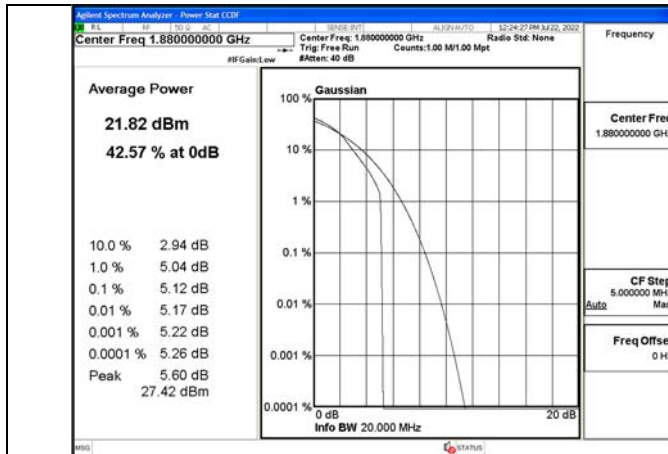


Fig.97

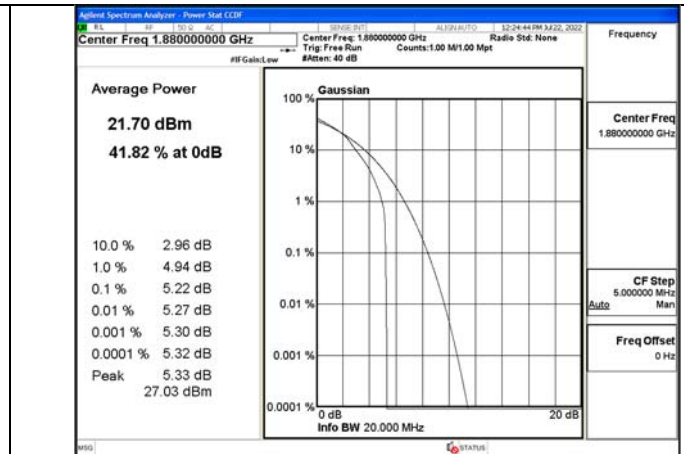


Fig.98

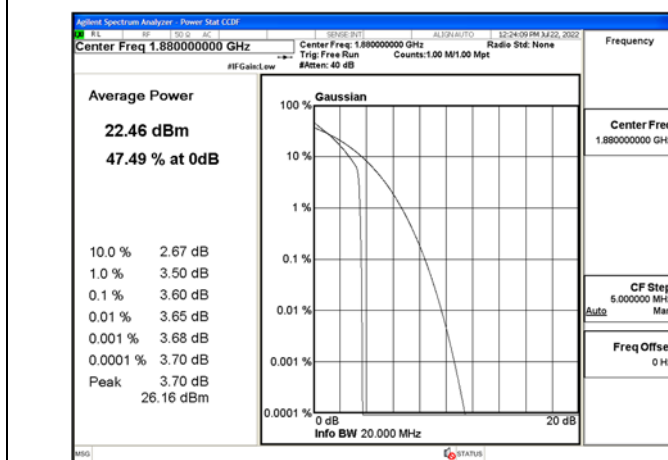


Fig.99

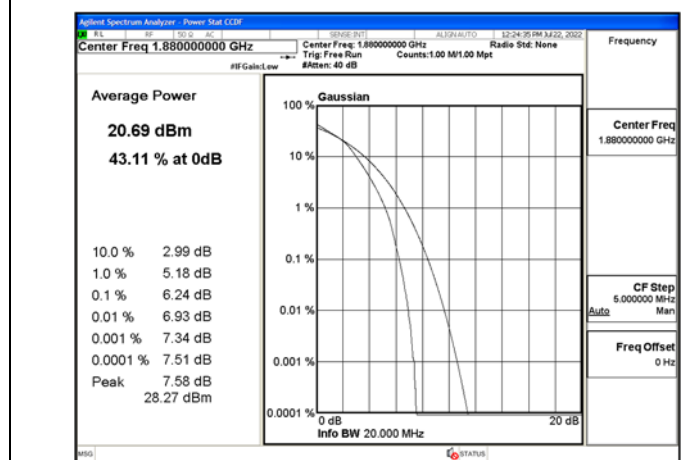


Fig.100

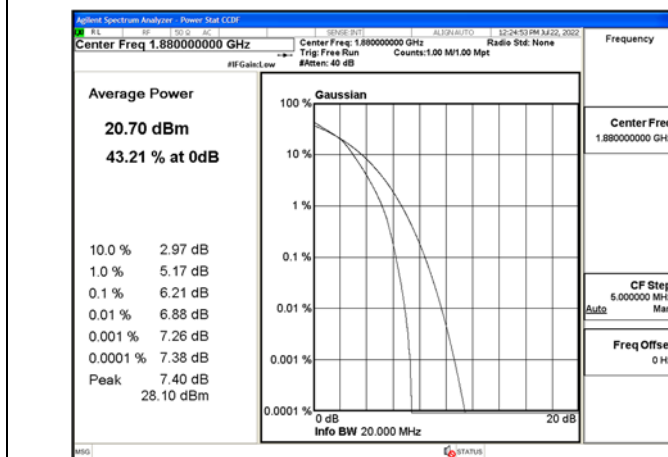


Fig.101

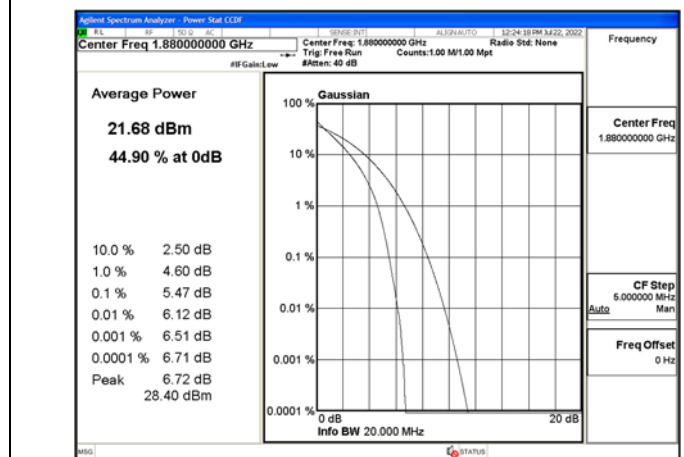


Fig.102

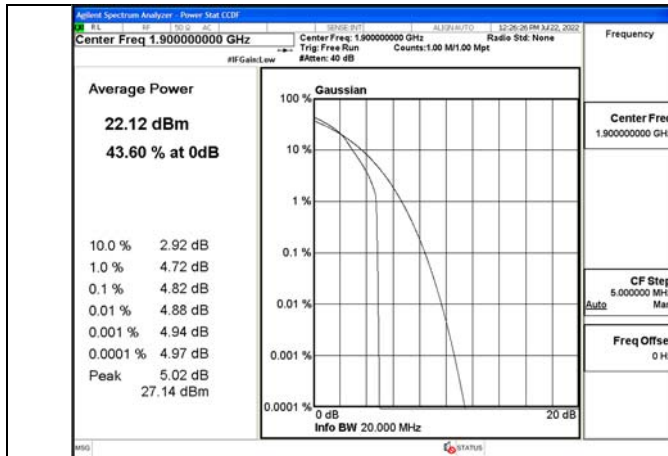


Fig.103

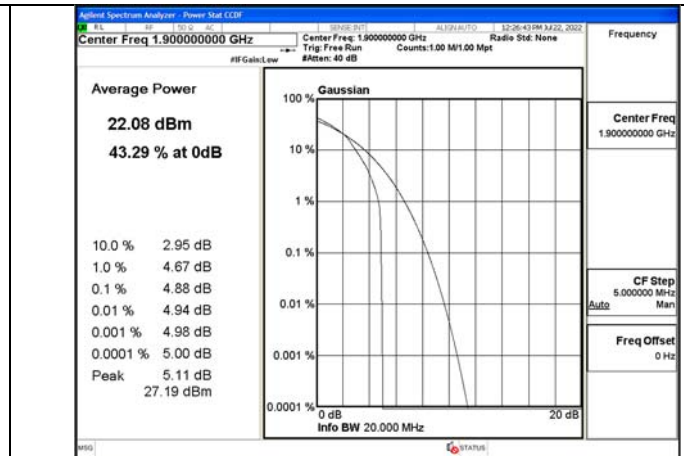


Fig.104

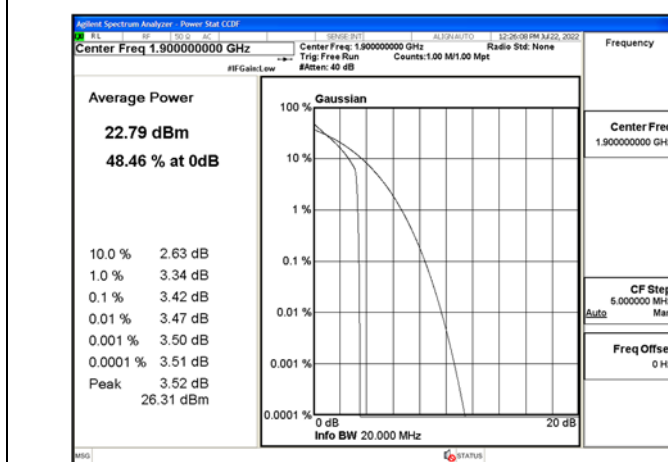


Fig.105

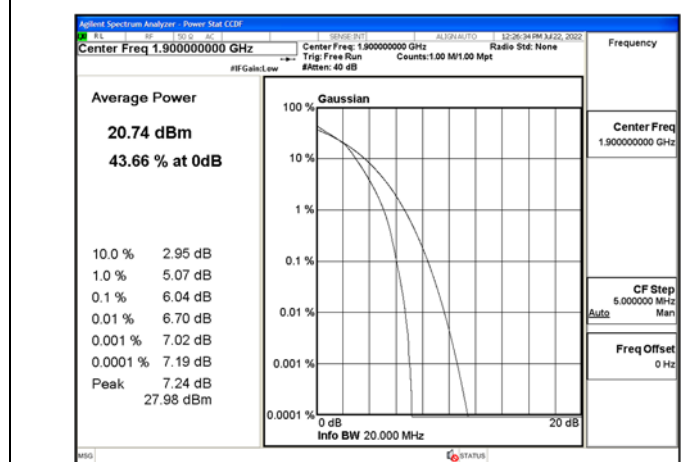


Fig.106

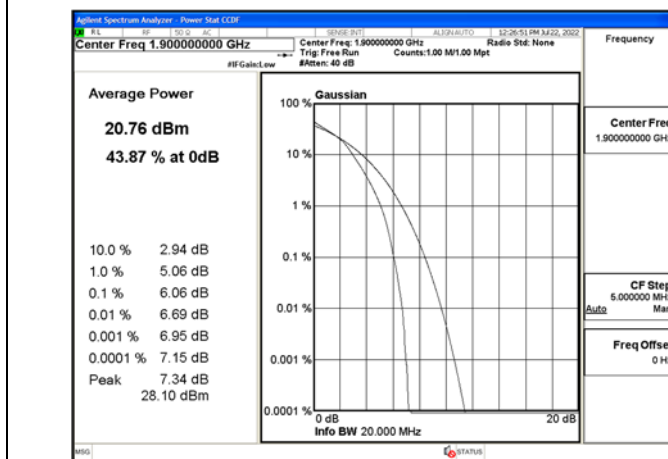


Fig.107

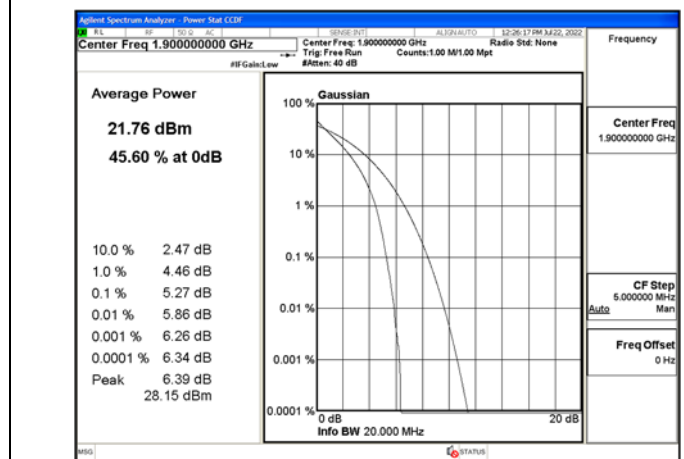


Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
2	1860	18700	20	1	0	Fig.1
2	1880	18900	20	1	0	Fig.2
2	1900	19100	20	1	0	Fig.3

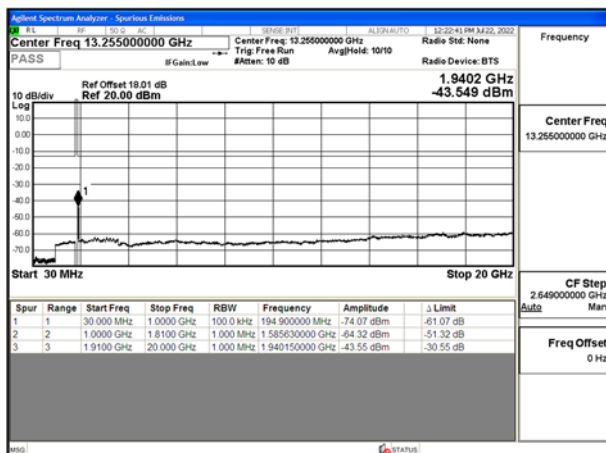


Fig.1

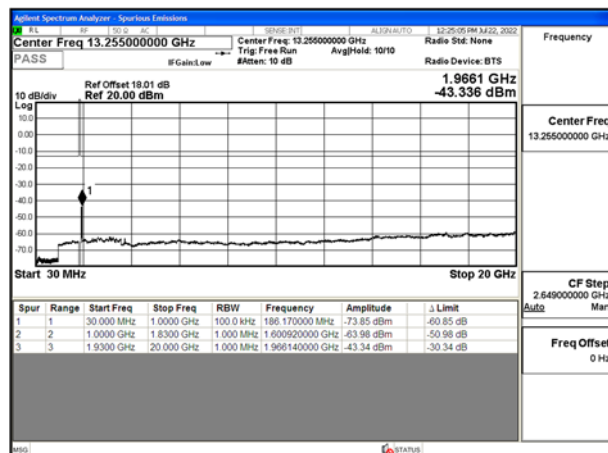


Fig.2

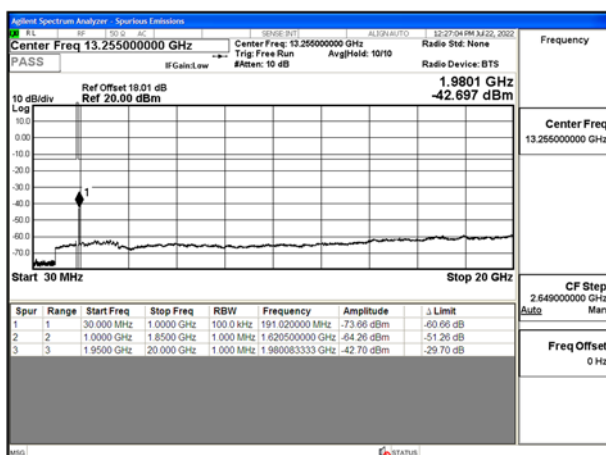


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
2	QPSK	1850.7	18607	1.4	1	0	Fig.1
2	QPSK	1850.7	18607	1.4	6	0	Fig.2
2	QPSK	1909.3	19193	1.4	1	5	Fig.3
2	QPSK	1909.3	19193	1.4	6	0	Fig.4
2	QPSK	1851.5	18615	3	1	0	Fig.5
2	QPSK	1851.5	18615	3	15	0	Fig.6
2	QPSK	1908.5	19185	3	1	14	Fig.7
2	QPSK	1908.5	19185	3	15	0	Fig.8
2	QPSK	1852.5	18625	5	1	0	Fig.9
2	QPSK	1852.5	18625	5	25	0	Fig.10
2	QPSK	1907.5	19175	5	1	24	Fig.11
2	QPSK	1907.5	19175	5	25	0	Fig.12
2	QPSK	1855	18650	10	1	0	Fig.13
2	QPSK	1855	18650	10	50	0	Fig.14
2	QPSK	1905	19150	10	1	49	Fig.15
2	QPSK	1905	19150	10	50	0	Fig.16
2	QPSK	1857.5	18675	15	1	0	Fig.17
2	QPSK	1857.5	18675	15	75	0	Fig.18
2	QPSK	1902.5	19125	15	1	74	Fig.19
2	QPSK	1902.5	19125	15	75	0	Fig.20
2	QPSK	1860	18700	20	1	0	Fig.21
2	QPSK	1860	18700	20	100	0	Fig.22
2	QPSK	1900	19100	20	1	99	Fig.23
2	QPSK	1900	19100	20	100	0	Fig.24

Test Mode: QPSK

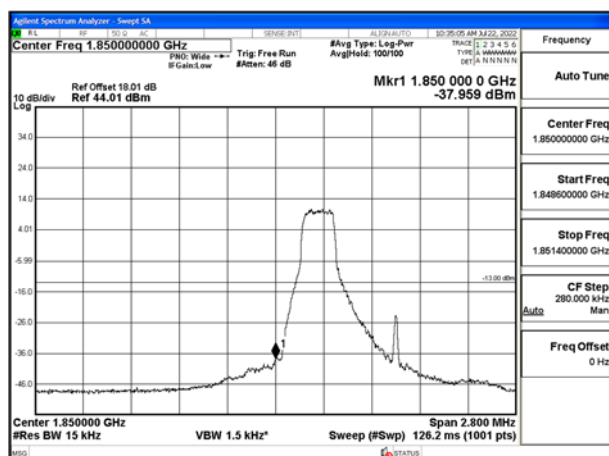


Fig.1

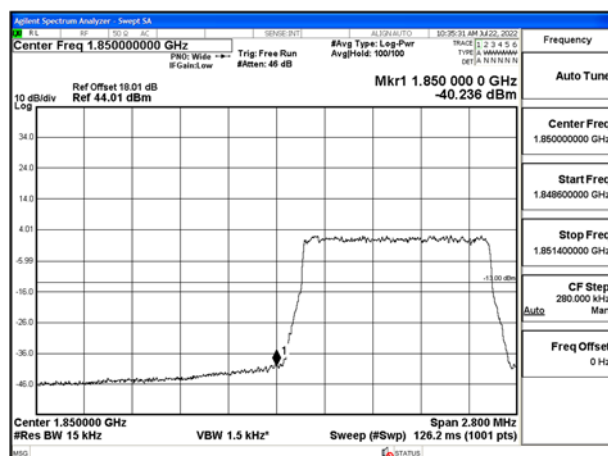


Fig.2

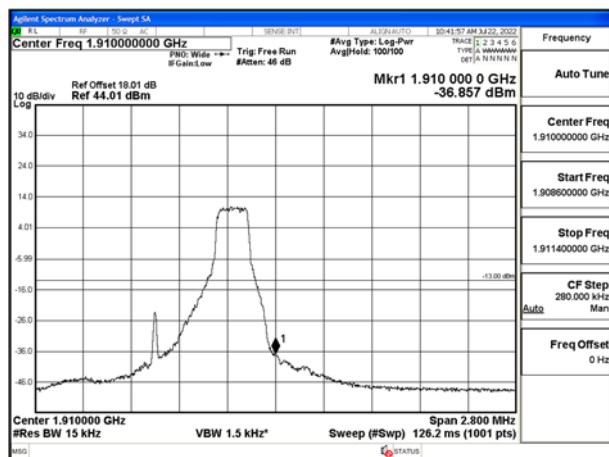


Fig.3

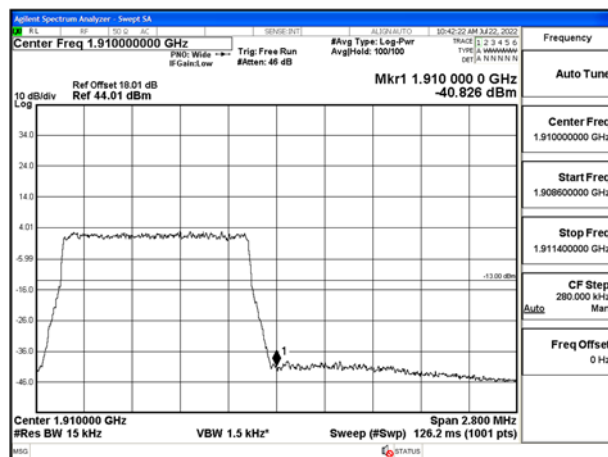


Fig.4

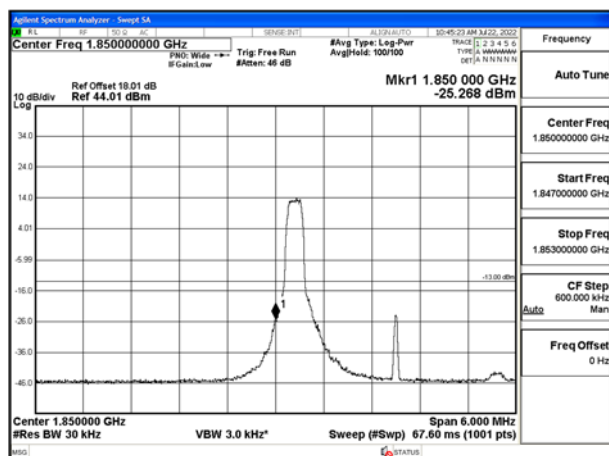


Fig.5

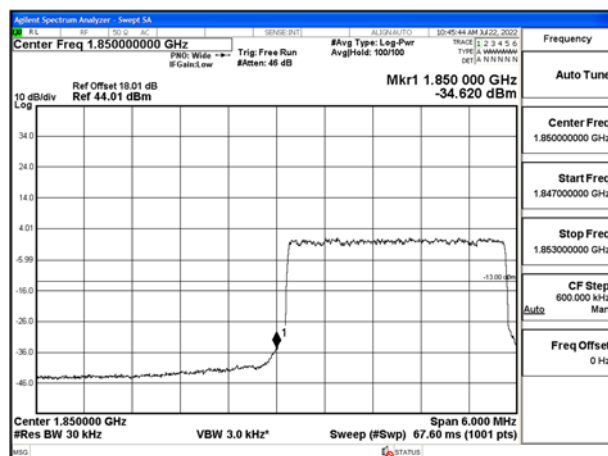


Fig.6

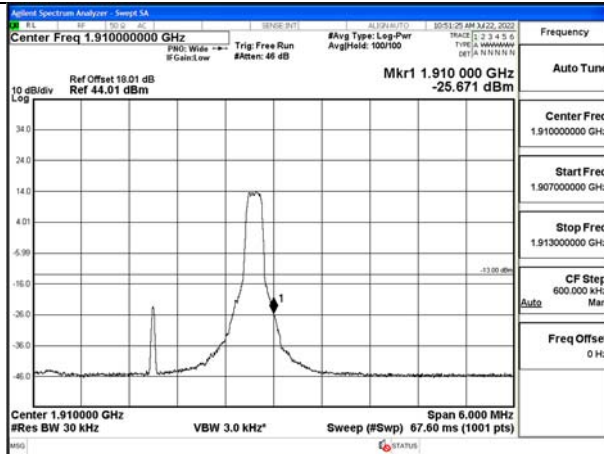


Fig.7

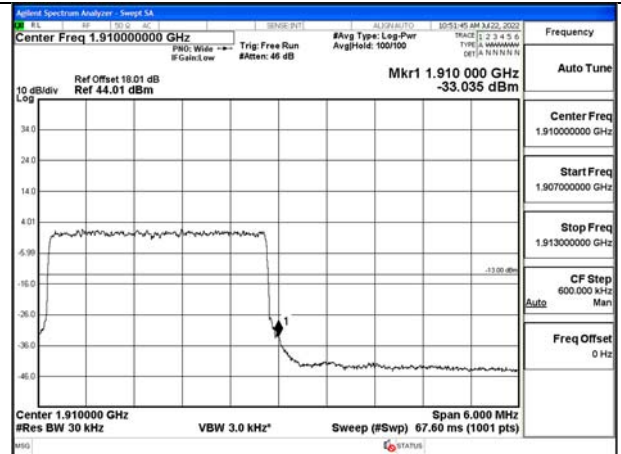


Fig.8

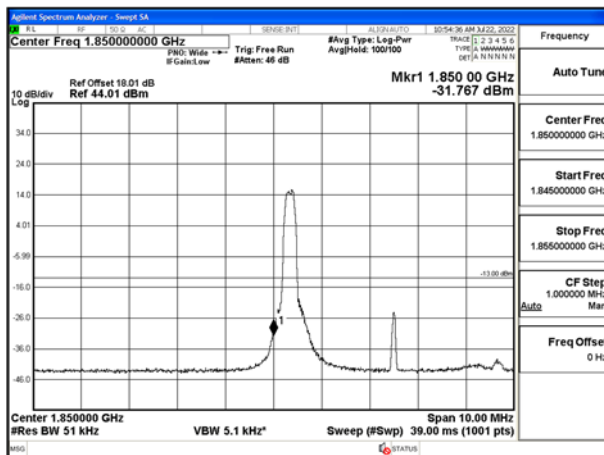


Fig.9

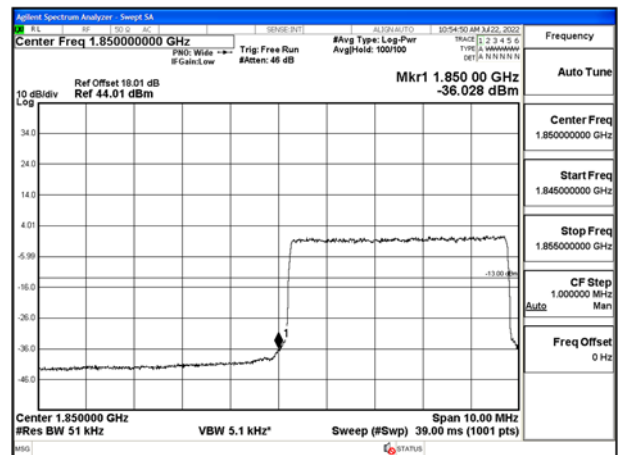


Fig.10

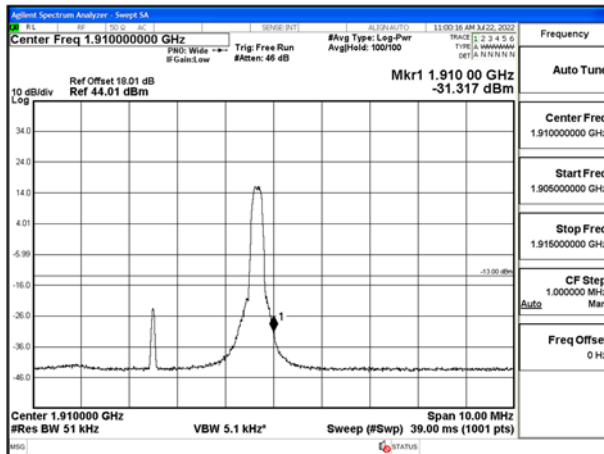


Fig.11

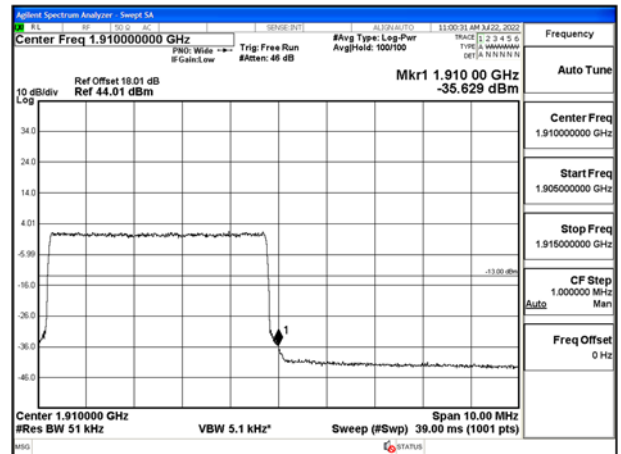


Fig.12

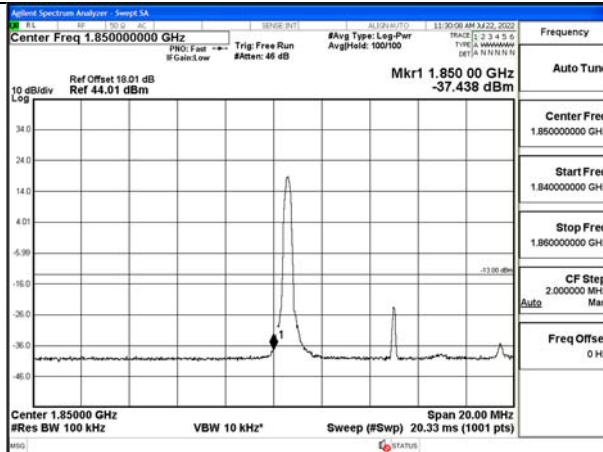


Fig.13

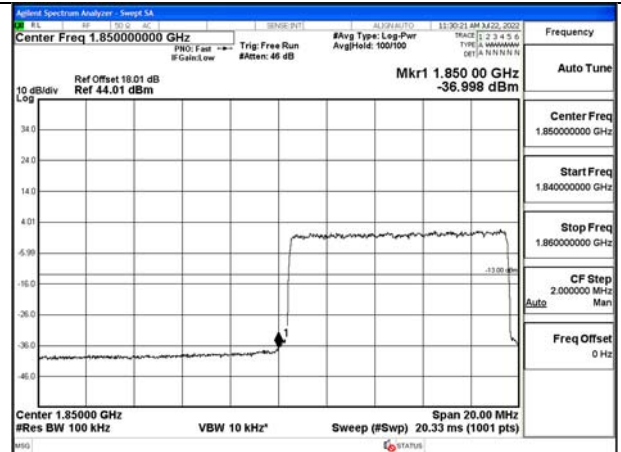


Fig.14

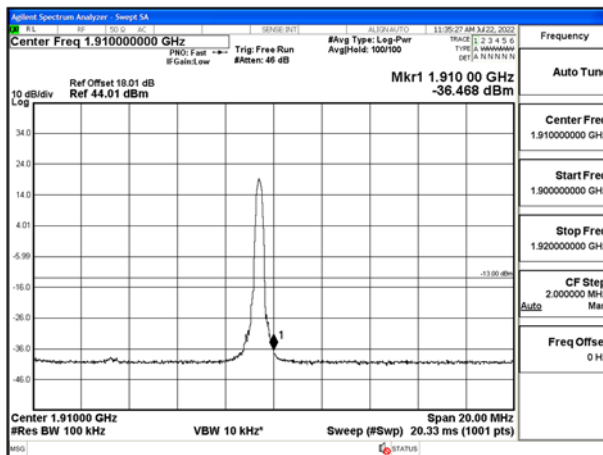


Fig.15

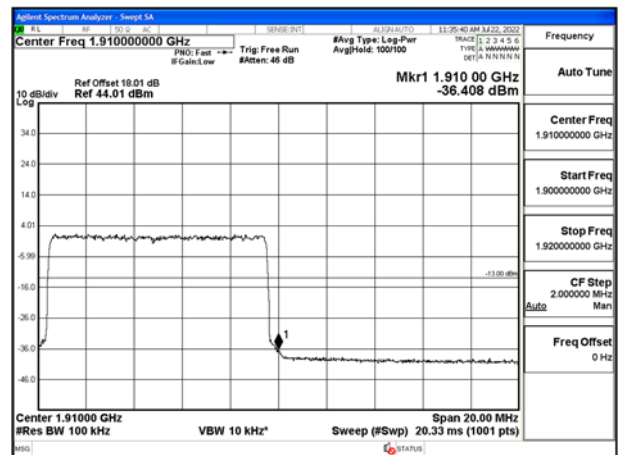


Fig.16

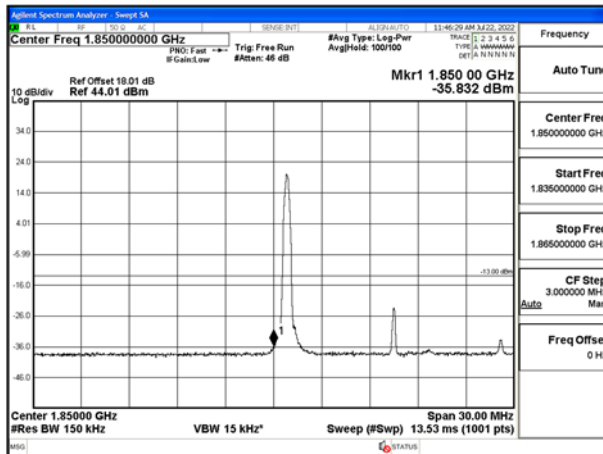


Fig.17

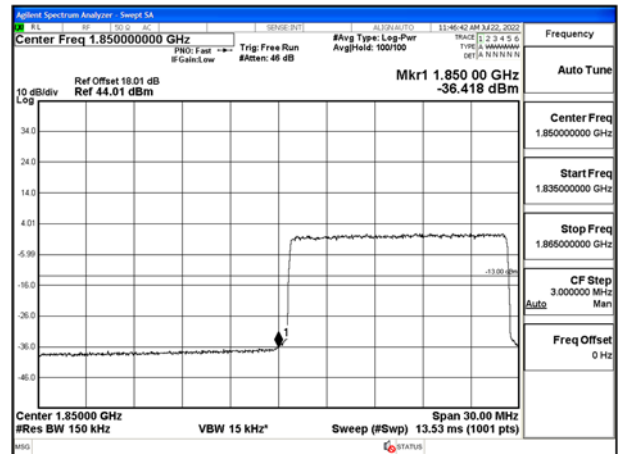


Fig.18

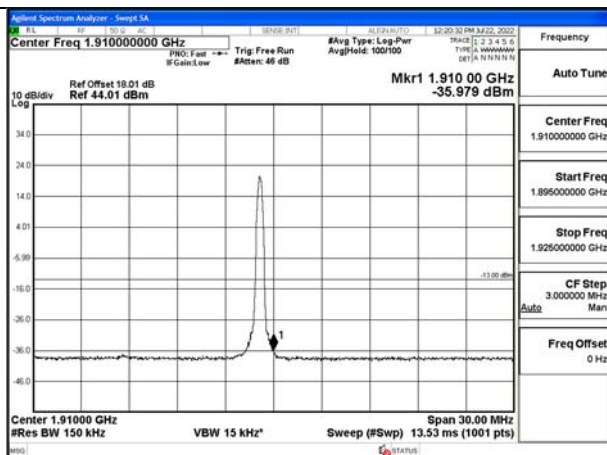


Fig.19

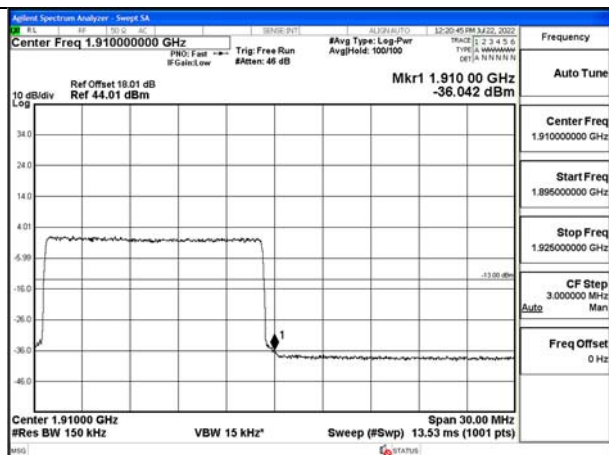


Fig.20

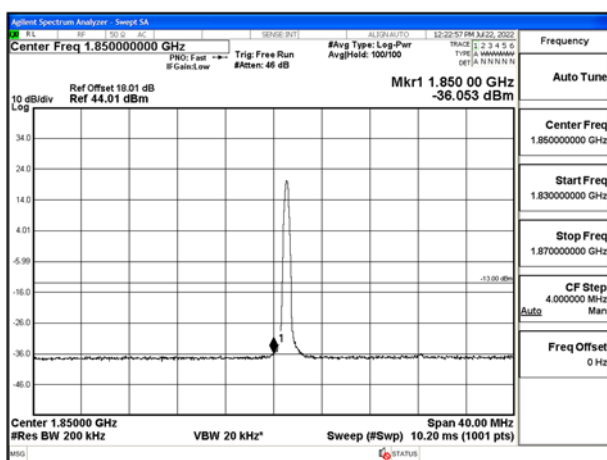


Fig.21

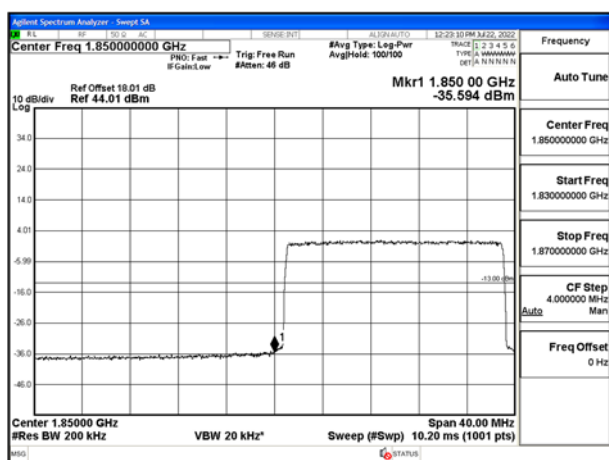


Fig.22

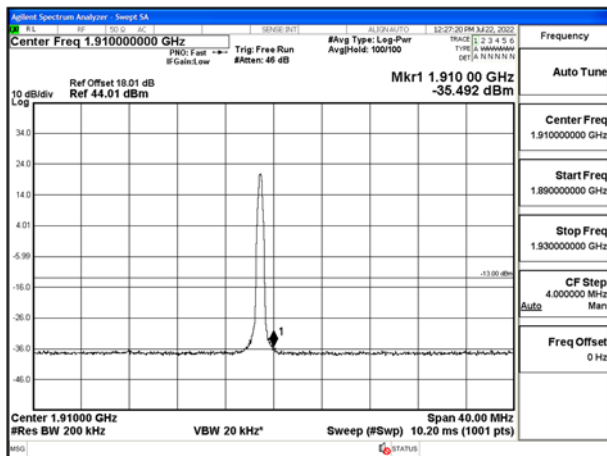


Fig.23

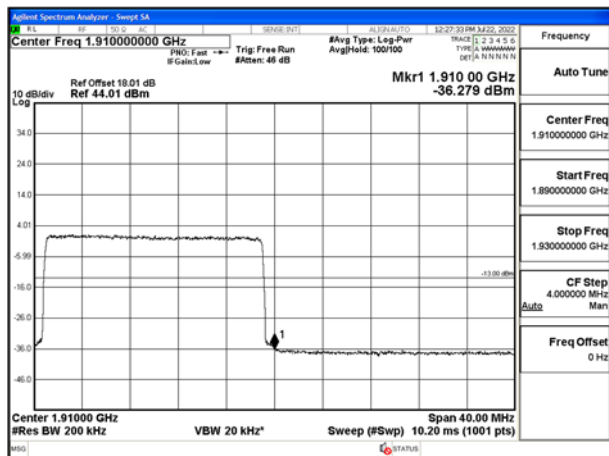


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.008	0.002	-0.001	0.002	0.000	-0.004
0	NV	0.007	-0.003	-0.002	-0.003	-0.002	-0.004
+10	NV	0.007	-0.002	-0.002	0.001	-0.001	0.002
+20	NV	-0.012	0.001	-0.003	0.000	0.000	-0.004
+30	NV	0.003	0.001	-0.001	-0.001	-0.001	-0.003
+40	NV	0.004	0.002	-0.001	-0.001	-0.001	0.002
+50	NV	0.010	-0.004	-0.001	-0.002	-0.001	-0.004
+55	NV	0.010	-0.003	-0.002	0.000	0.000	-0.004
+20	LV	0.007	0.000	0.000	0.001	-0.001	0.002
+20	HV	0.009	0.002	-0.001	0.001	-0.001	-0.003

Temperature(°C)	Voltage	Test Result (ppm) Band 2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.005	-0.003	0.001	-0.003	-0.002	-0.005
0	NV	0.005	0.002	0.002	0.004	-0.004	0.003
+10	NV	0.006	0.003	0.001	-0.004	-0.002	-0.003
+20	NV	0.010	0.003	-0.001	0.002	0.001	-0.003
+30	NV	0.007	0.001	0.001	0.002	-0.002	-0.003
+40	NV	0.009	0.001	-0.001	0.002	-0.002	-0.003
+50	NV	0.004	-0.001	0.001	0.002	-0.003	-0.004
+55	NV	0.001	0.002	0.001	0.002	-0.002	-0.002
+20	NV	0.007	0.002	-0.001	0.004	0.002	0.002
+20	LV	0.003	0.003	-0.001	0.003	0.004	0.003

8 Effective Radiated Power and Effective Isotropic Radiated Power

BW	Modulation	RB Size	RB Offset	ERP/EIRP(W)		
				18607.000	18900.000	19193.000
				1850.700	1880.000	1909.300
1.400	QPSK	1.000	0.000	0.102	0.100	0.102
		1.000	3.000	0.099	0.103	0.103
		1.000	5.000	0.099	0.102	0.100
		3.000	0.000	0.100	0.102	0.102
		3.000	1.000	0.101	0.102	0.104
		3.000	3.000	0.099	0.098	0.097
		6.000	0.000	0.081	0.080	0.082
	16QAM	1.000	0.000	0.084	0.084	0.091
		1.000	3.000	0.081	0.083	0.085
		1.000	5.000	0.080	0.082	0.083
		3.000	0.000	0.082	0.083	0.081
		3.000	1.000	0.082	0.082	0.080
		3.000	3.000	0.080	0.085	0.080
		6.000	0.000	0.067	0.066	0.066
	64QAM	1.000	0.000	0.075	0.067	0.068
		1.000	3.000	0.074	0.067	0.070
		1.000	5.000	0.074	0.065	0.068
		3.000	0.000	0.071	0.065	0.065
		3.000	1.000	0.071	0.067	0.065
		3.000	3.000	0.069	0.066	0.063
		6.000	0.000	0.052	0.055	0.051

BW	Modulation	RB Size	RB Offset	ERP/EIRP(W)		
				18615.000	18900.000	19185.000
				1851.500	1880.000	1908.500
3.000	QPSK	1.000	0.000	0.102	0.106	0.107
		1.000	8.000	0.103	0.104	0.106
		1.000	14.000	0.100	0.098	0.104
		8.000	0.000	0.083	0.085	0.086
		8.000	4.000	0.082	0.083	0.085
		8.000	7.000	0.081	0.082	0.083
		15.000	0.000	0.082	0.083	0.084
	16QAM	1.000	0.000	0.099	0.092	0.089
		1.000	8.000	0.095	0.087	0.089
		1.000	14.000	0.097	0.093	0.093
		8.000	0.000	0.067	0.066	0.069
		8.000	4.000	0.068	0.067	0.067
		8.000	7.000	0.065	0.067	0.067
		15.000	0.000	0.067	0.065	0.067
	64QAM	1.000	0.000	0.075	0.066	0.073
		1.000	8.000	0.077	0.068	0.072
		1.000	14.000	0.074	0.068	0.069
		8.000	0.000	0.054	0.053	0.053
		8.000	4.000	0.054	0.052	0.052
		8.000	7.000	0.052	0.052	0.053
		15.000	0.000	0.052	0.052	0.054

BW	Modulation	RB Size	RB Offset	ERP/EIRP(W)		
				18625.000	18900.000	19175.000
				1852.500	1880.000	1907.500
5.000	QPSK	1.000	0.000	0.103	0.102	0.102
		1.000	12.000	0.101	0.102	0.111
		1.000	24.000	0.102	0.104	0.104
		12.000	0.000	0.084	0.084	0.084
		12.000	7.000	0.084	0.083	0.085
		12.000	13.000	0.083	0.082	0.083
		25.000	0.000	0.082	0.084	0.084
	16QAM	1.000	0.000	0.084	0.094	0.089
		1.000	12.000	0.085	0.091	0.088
		1.000	24.000	0.086	0.090	0.091
		12.000	0.000	0.065	0.064	0.067
		12.000	7.000	0.066	0.066	0.067
		12.000	13.000	0.064	0.064	0.065
		25.000	0.000	0.065	0.065	0.066
	64QAM	1.000	0.000	0.067	0.072	0.069
		1.000	12.000	0.070	0.074	0.069
		1.000	24.000	0.067	0.074	0.070
		12.000	0.000	0.054	0.053	0.055
		12.000	7.000	0.054	0.053	0.054
		12.000	13.000	0.053	0.050	0.053
		25.000	0.000	0.050	0.051	0.054