RF Test Data for WCDMA
(Conducted Measurements)

General Description of EUT	
Product Name:	Android tablet
Test Model/HVIN:	KST103SD-L
Sample ID:	20210804-05_01-02
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.8V
Test Engineer:	Huangjianping
Note: For a more detailed features description, please refer to the report TBR-C-202202-0209-14	

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1: Effective (Isotropic) Radiated Power Output Data

Test Result(WCDMA)

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	21.61	33	PASS
Band2	9262	21.81	33	PASS
Band2	9400	21.22	33	PASS
Band2	9400	22.03	33	PASS
Band2	9538	20.28	33	PASS
Band2	9538	22.03	33	PASS
Band4	1312	22.43	30	PASS
Band4	1312	22.45	30	PASS
Band4	1413	22.44	30	PASS
Band4	1413	22.33	30	PASS
Band4	1513	22.44	30	PASS
Band4	1513	22.52	30	PASS
Band5	4132	22.88	38.5	PASS
Band5	4132	22.84	38.5	PASS
Band5	4183	22.93	38.5	PASS
Band5	4183	22.71	38.5	PASS
Band5	4233	22.85	38.5	PASS
Band5	4233	22.83	38.5	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.20	33	PASS
Band2	9262	2	20.83	33	PASS
Band2	9262	3	20.64	33	PASS
Band2	9262	4	20.65	33	PASS
Band2	9400	1	21.72	33	PASS
Band2	9400	2	21.33	33	PASS
Band2	9400	3	21.12	33	PASS
Band2	9400	4	21.12	33	PASS
Band2	9538	1	22.10	33	PASS
Band2	9538	2	21.69	33	PASS
Band2	9538	3	21.50	33	PASS
Band2	9538	4	21.51	33	PASS
Band4	1312	1	21.93	30	PASS

Band4	1312	2	21.89	30	PASS
Band4	1312	3	21.83	30	PASS
Band4	1312	4	21.85	30	PASS
Band4	1413	1	21.27	30	PASS
Band4	1413	2	21.29	30	PASS
Band4	1413	3	21.24	30	PASS
Band4	1413	4	21.27	30	PASS
Band4	1513	1	22.22	30	PASS
Band4	1513	2	22.18	30	PASS
Band4	1513	3	22.07	30	PASS
Band4	1513	4	22.08	30	PASS
Band5	4132	1	21.36	38.5	PASS
Band5	4132	2	21.18	38.5	PASS
Band5	4132	3	20.73	38.5	PASS
Band5	4132	4	20.77	38.5	PASS
Band5	4183	1	22.28	38.5	PASS
Band5	4183	2	21.99	38.5	PASS
Band5	4183	3	21.57	38.5	PASS
Band5	4183	4	21.60	38.5	PASS
Band5	4233	1	21.58	38.5	PASS
Band5	4233	2	21.34	38.5	PASS
Band5	4233	3	20.94	38.5	PASS
Band5	4233	4	20.93	38.5	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	Limit(dBm)	Verdict
Band2	9262	1	18.96	33	PASS
Band2	9262	2	19.45	33	PASS
Band2	9262	3	19.33	33	PASS
Band2	9262	4	19.50	33	PASS
Band2	9262	5	21.13	33	PASS
Band2	9400	1	18.68	33	PASS
Band2	9400	2	19.62	33	PASS
Band2	9400	3	19.27	33	PASS
Band2	9400	4	19.70	33	PASS

Band2	9400	5	21.66	33	PASS
Band2	9538	1	19.24	33	PASS
Band2	9538	2	20.22	33	PASS
Band2	9538	3	19.85	33	PASS
Band2	9538	4	20.31	33	PASS
Band2	9538	5	22.05	33	PASS
Band4	1312	1	21.82	30	PASS
Band4	1312	2	21.75	30	PASS
Band4	1312	3	21.64	30	PASS
Band4	1312	4	21.79	30	PASS
Band4	1312	5	21.98	30	PASS
Band4	1413	1	20.99	30	PASS
Band4	1413	2	20.99	30	PASS
Band4	1413	3	20.56	30	PASS
Band4	1413	4	21.06	30	PASS
Band4	1413	5	21.33	30	PASS
Band4	1513	1	21.88	30	PASS
Band4	1513	2	21.80	30	PASS
Band4	1513	3	21.35	30	PASS
Band4	1513	4	21.80	30	PASS
Band4	1513	5	22.24	30	PASS
Band5	4132	1	19.86	38.5	PASS
Band5	4132	2	20.23	38.5	PASS
Band5	4132	3	19.97	38.5	PASS
Band5	4132	4	19.81	38.5	PASS
Band5	4132	5	21.69	38.5	PASS
Band5	4183	1	20.36	38.5	PASS
Band5	4183	2	20.77	38.5	PASS
Band5	4183	3	20.35	38.5	PASS
Band5	4183	4	20.37	38.5	PASS
Band5	4183	5	22.51	38.5	PASS

Band5	4233	1	20.05	38.5	PASS
Band5	4233	2	20.19	38.5	PASS
Band5	4233	3	19.72	38.5	PASS
Band5	4233	4	19.76	38.5	PASS
Band5	4233	5	21.78	38.5	PASS

2:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	2.64	13	PASS
Band2	9400	2.54	13	PASS
Band2	9538	2.75	13	PASS
Band4	1312	2.88	13	PASS
Band4	1413	2.96	13	PASS
Band4	1513	2.8	13	PASS
Band5	4132	2.92	13	PASS
Band5	4183	2.88	13	PASS
Band5	4233	3.05	13	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	2.85	13	PASS
Band2	9262	2	3.35	13	PASS
Band2	9262	3	3.58	13	PASS
Band2	9262	4	3.61	13	PASS
Band2	9400	1	2.69	13	PASS
Band2	9400	2	3.26	13	PASS
Band2	9400	3	3.48	13	PASS
Band2	9400	4	3.52	13	PASS
Band2	9538	1	2.82	13	PASS
Band2	9538	2	3.4	13	PASS
Band2	9538	3	3.62	13	PASS
Band2	9538	4	3.66	13	PASS
Band4	1312	1	2.96	13	PASS
Band4	1312	2	3.43	13	PASS
Band4	1312	3	3.63	13	PASS
Band4	1312	4	3.67	13	PASS
Band4	1413	1	3.04	13	PASS
Band4	1413	2	3.5	13	PASS
Band4	1413	3	3.7	13	PASS
Band4	1413	4	3.73	13	PASS
Band4	1513	1	2.81	13	PASS
Band4	1513	2	3.31	13	PASS

Band4	1513	3	3.51	13	PASS
Band4	1513	4	3.55	13	PASS
Band5	4132	1	2.99	13	PASS
Band5	4132	2	3.56	13	PASS
Band5	4132	3	3.75	13	PASS
Band5	4132	4	3.8	13	PASS
Band5	4183	1	2.97	13	PASS
Band5	4183	2	3.44	13	PASS
Band5	4183	3	3.65	13	PASS
Band5	4183	4	3.68	13	PASS
Band5	4233	1	3.11	13	PASS
Band5	4233	2	3.65	13	PASS
Band5	4233	3	3.86	13	PASS
Band5	4233	4	3.88	13	PASS

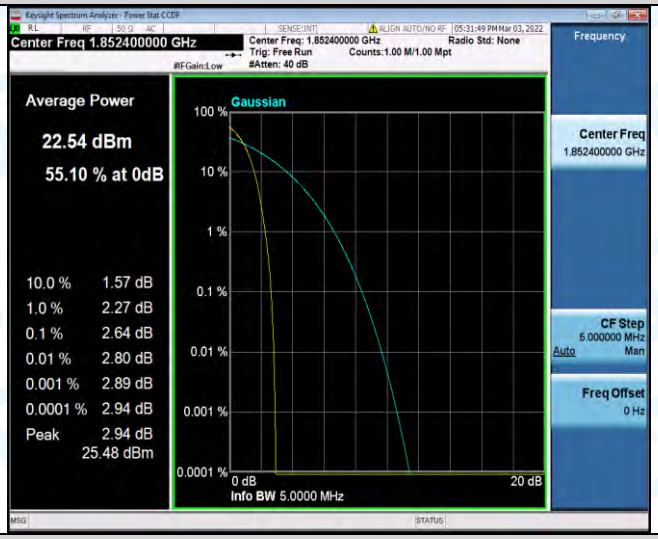
Test Result(HSUPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	4.24	13	PASS
Band2	9262	2	5.09	13	PASS
Band2	9262	3	4.75	13	PASS
Band2	9262	4	5.04	13	PASS
Band2	9262	5	3.72	13	PASS
Band2	9400	1	4.23	13	PASS
Band2	9400	2	5.3	13	PASS
Band2	9400	3	4.89	13	PASS
Band2	9400	4	5.28	13	PASS
Band2	9400	5	4.37	13	PASS
Band2	9538	1	4.24	13	PASS
Band2	9538	2	5.33	13	PASS
Band2	9538	3	4.9	13	PASS
Band2	9538	4	5.3	13	PASS
Band2	9538	5	4.53	13	PASS
Band4	1312	1	4.05	13	PASS
Band4	1312	2	4.91	13	PASS

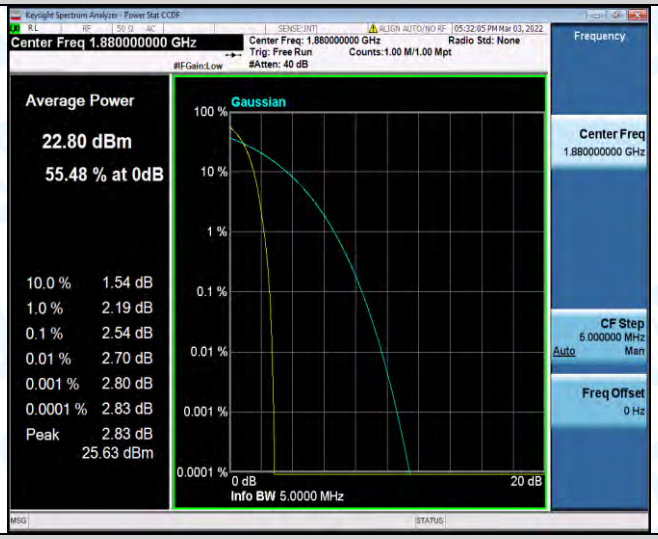
Band4	1312	3	4.62	13	PASS
Band4	1312	4	4.83	13	PASS
Band4	1312	5	3.84	13	PASS
Band4	1413	1	4.2	13	PASS
Band4	1413	2	5.24	13	PASS
Band4	1413	3	4.84	13	PASS
Band4	1413	4	5.19	13	PASS
Band4	1413	5	4.55	13	PASS
Band4	1513	1	4.19	13	PASS
Band4	1513	2	5.22	13	PASS
Band4	1513	3	4.78	13	PASS
Band4	1513	4	5.19	13	PASS
Band4	1513	5	4.55	13	PASS
Band5	4132	1	4.21	13	PASS
Band5	4132	2	5.26	13	PASS
Band5	4132	3	4.84	13	PASS
Band5	4132	4	5.18	13	PASS
Band5	4132	5	4.05	13	PASS
Band5	4183	1	4.23	13	PASS
Band5	4183	2	5.32	13	PASS
Band5	4183	3	4.87	13	PASS
Band5	4183	4	5.3	13	PASS
Band5	4183	5	4.19	13	PASS
Band5	4233	1	4.24	13	PASS
Band5	4233	2	5.36	13	PASS
Band5	4233	3	4.91	13	PASS
Band5	4233	4	5.34	13	PASS
Band5	4233	5	4.45	13	PASS

Test Graphs(WCDMA)

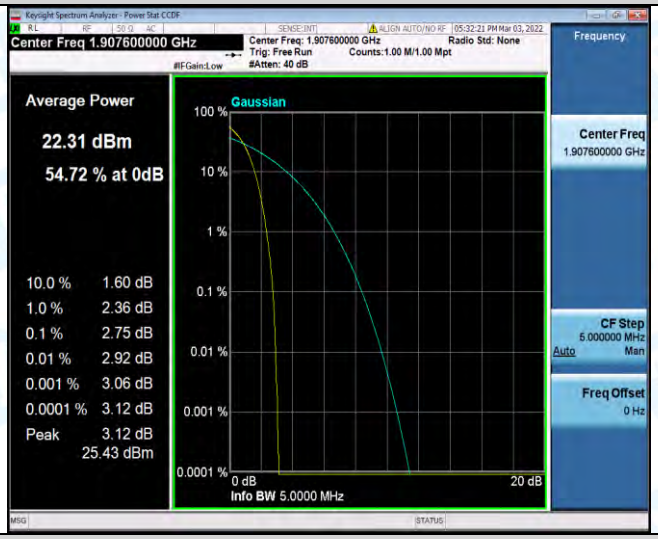
Band2-9262



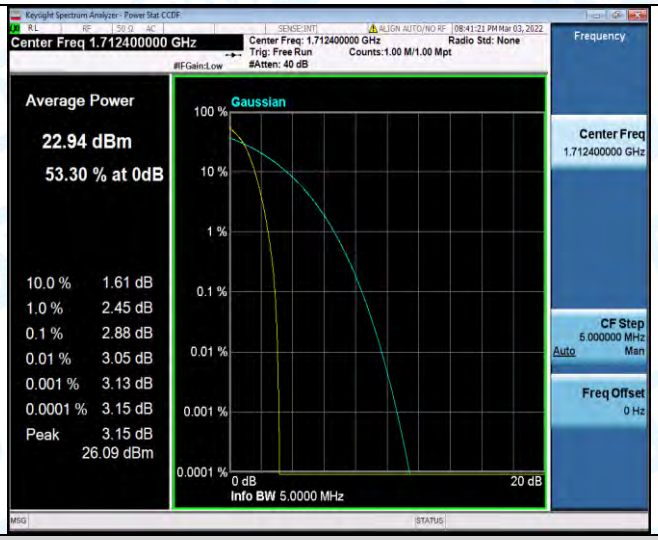
Band2-9400



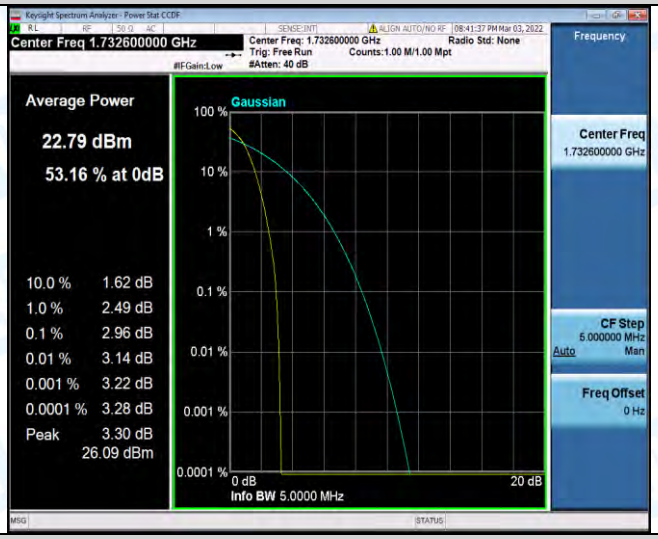
Band2-9538



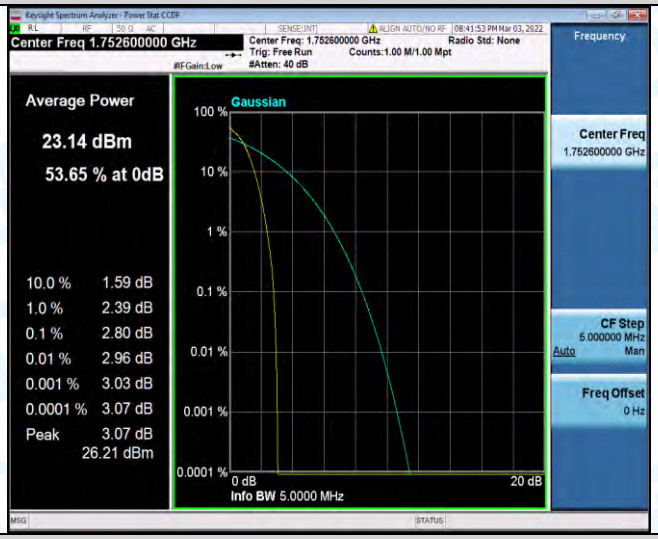
Band4-1312



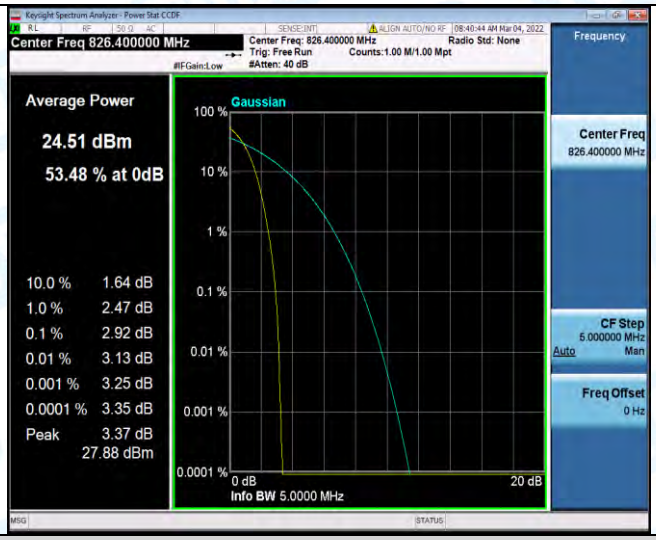
Band4-1413



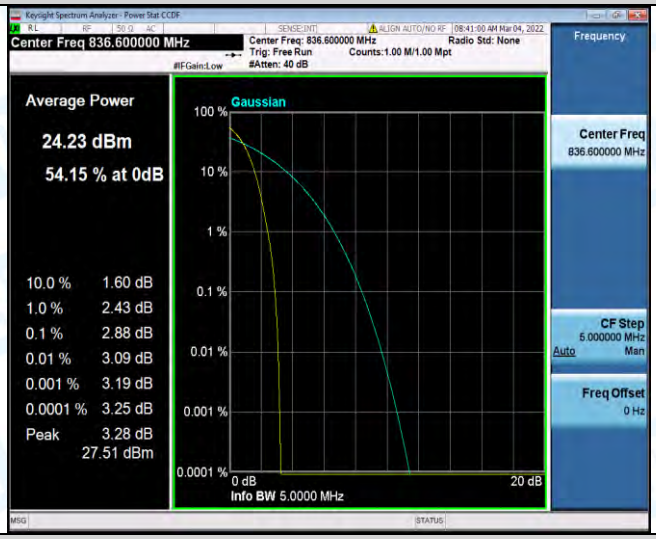
Band4-1513



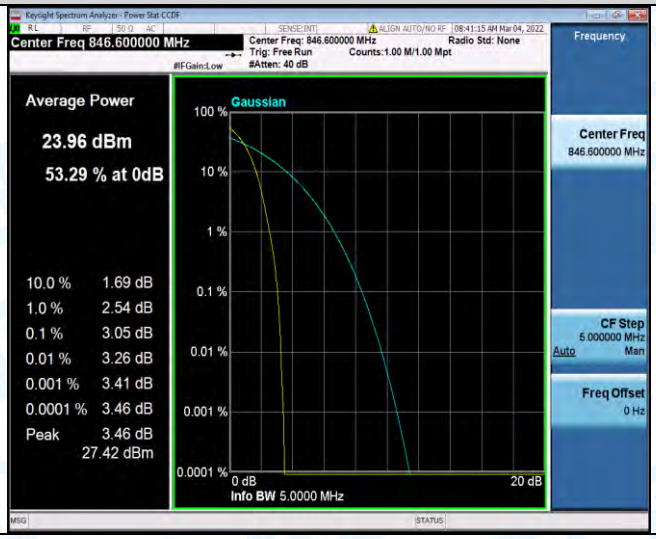
Band5-4132



Band5-4183

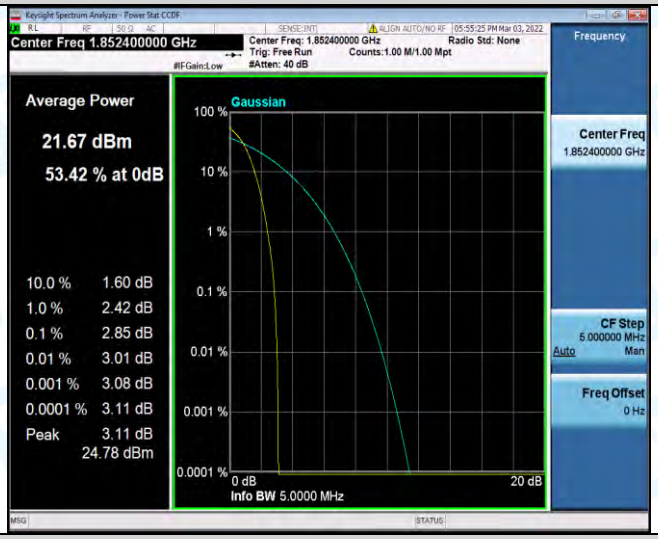


Band5-4233

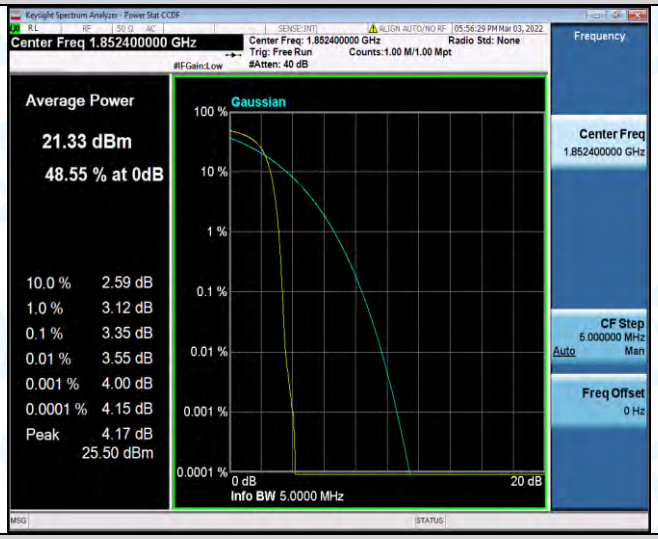


Test Graphs(HSDPA)

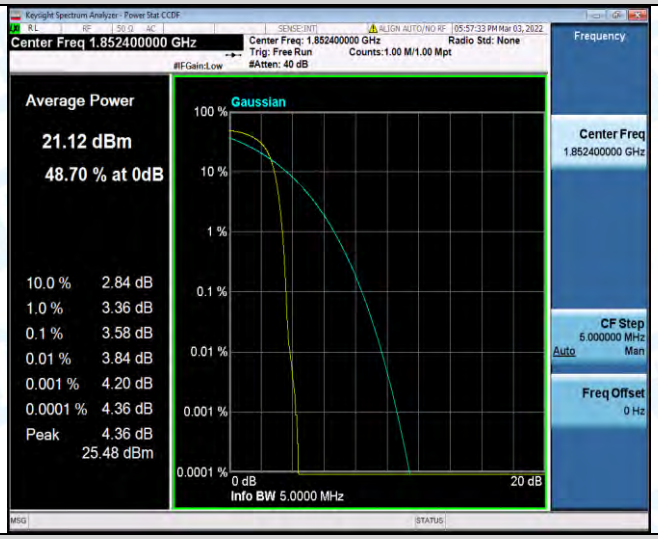
Band2-9262-1



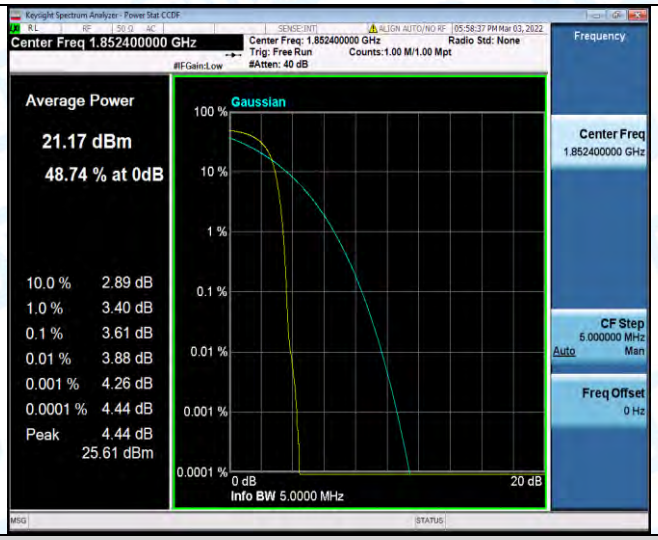
Band2-9262-2



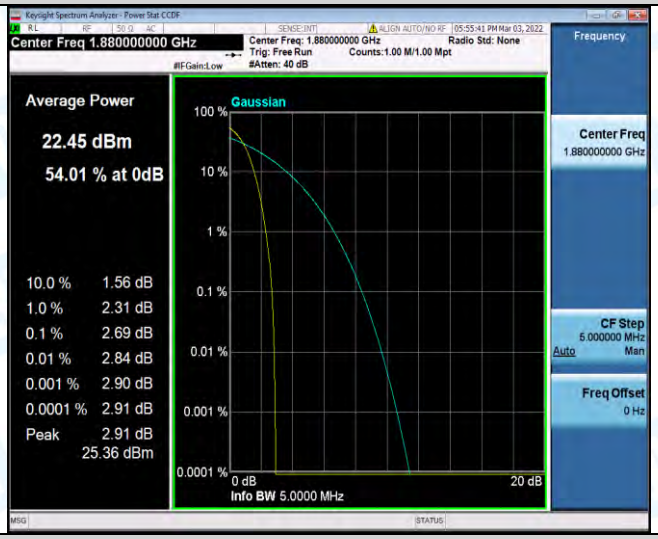
Band2-9262-3



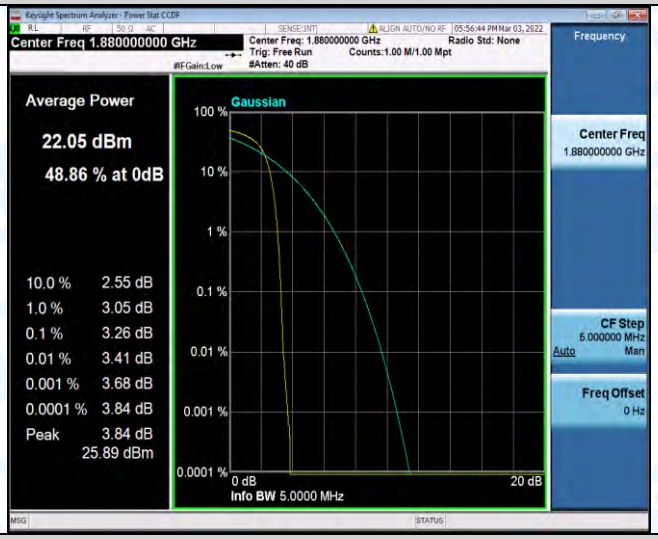
Band2-9262-4



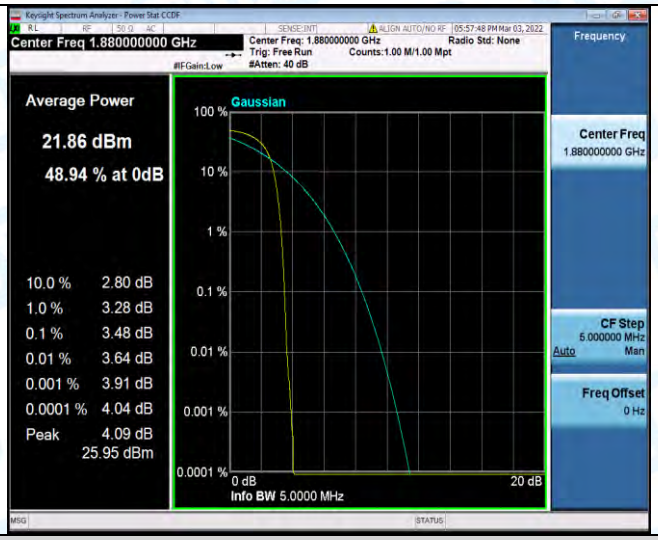
Band2-9400-1



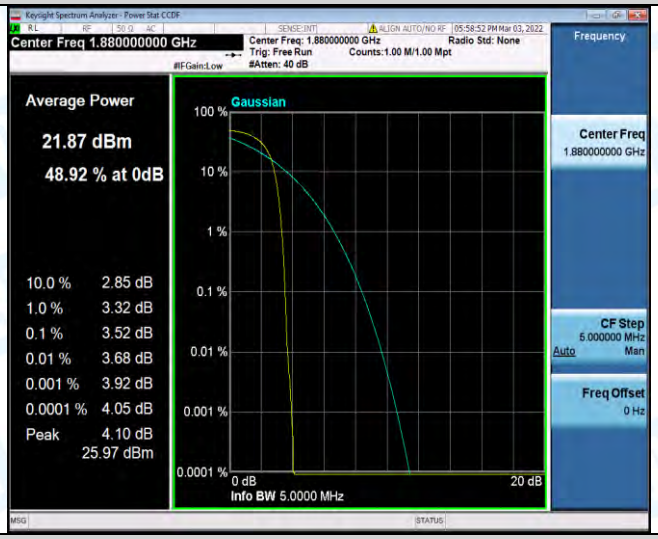
Band2-9400-2



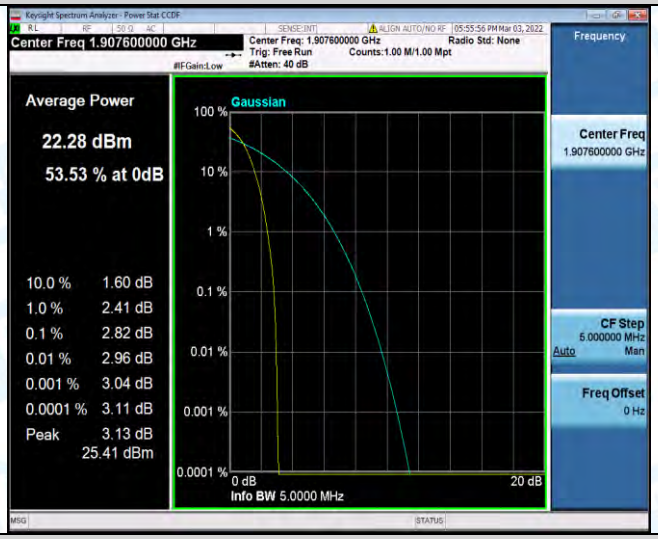
Band2-9400-3



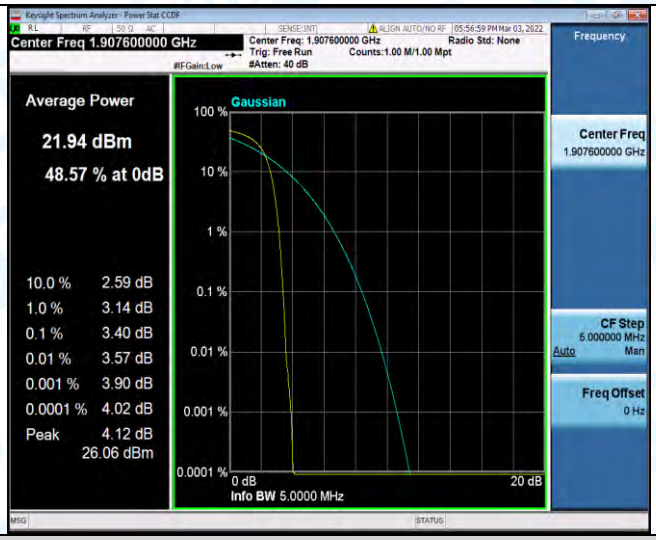
Band2-9400-4



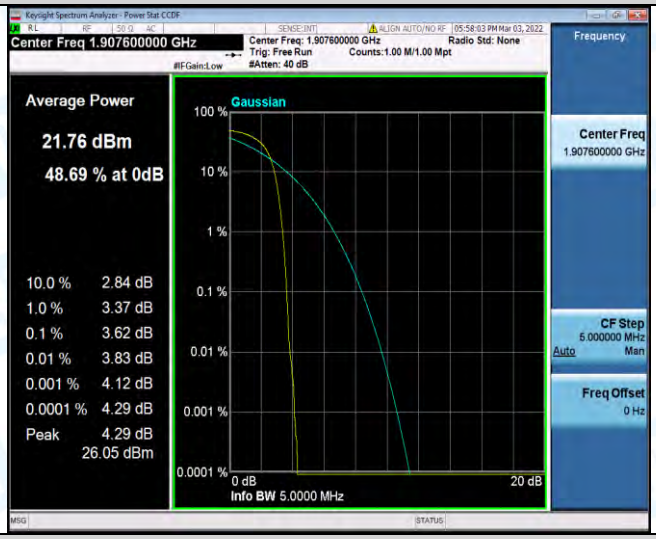
Band2-9538-1



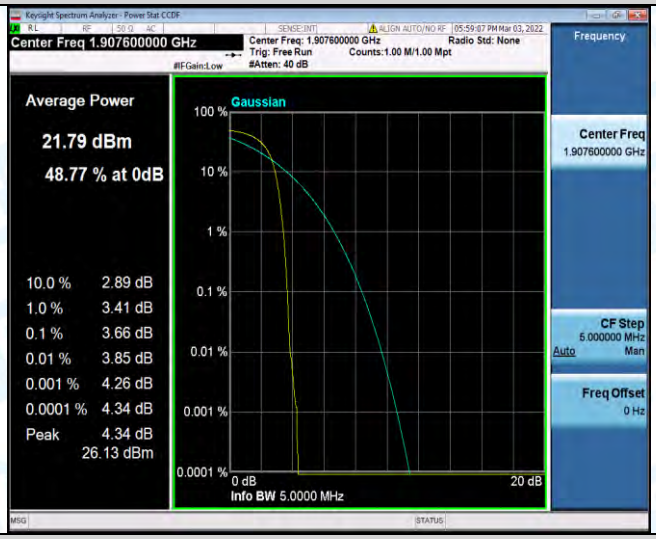
Band2-9538-2



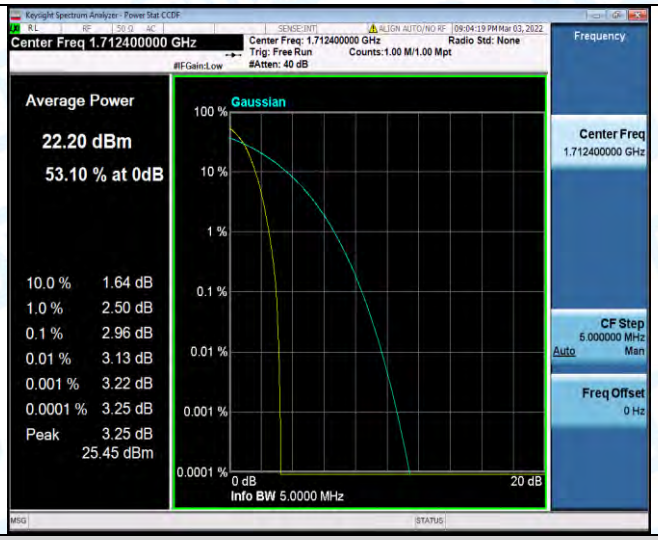
Band2-9538-3



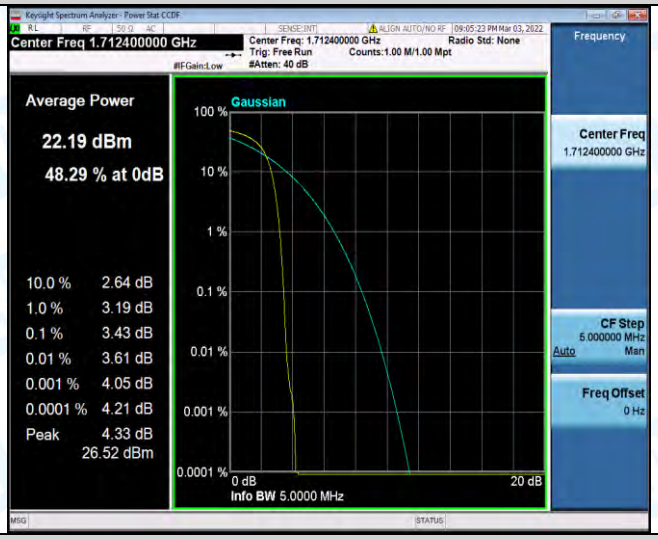
Band2-9538-4



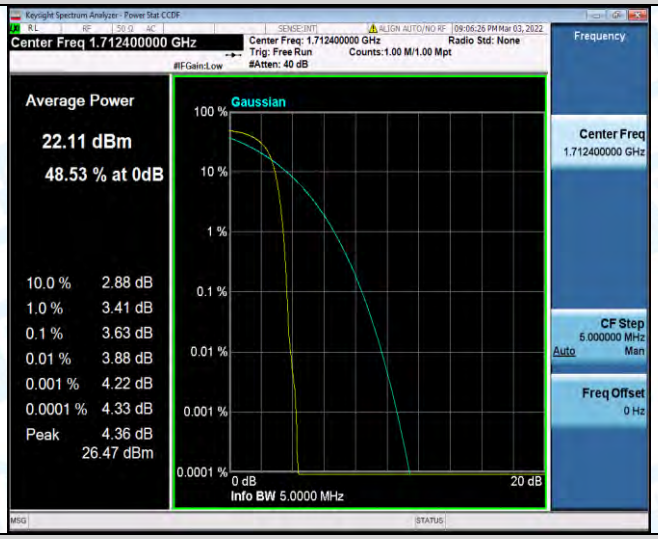
Band4-1312-1



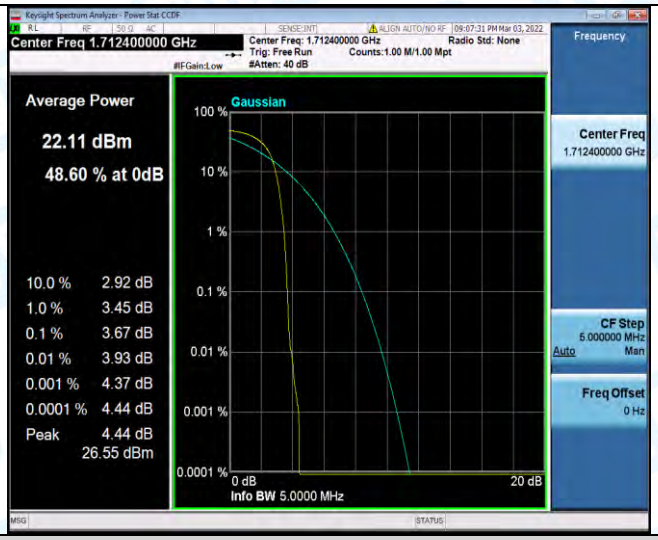
Band4-1312-2



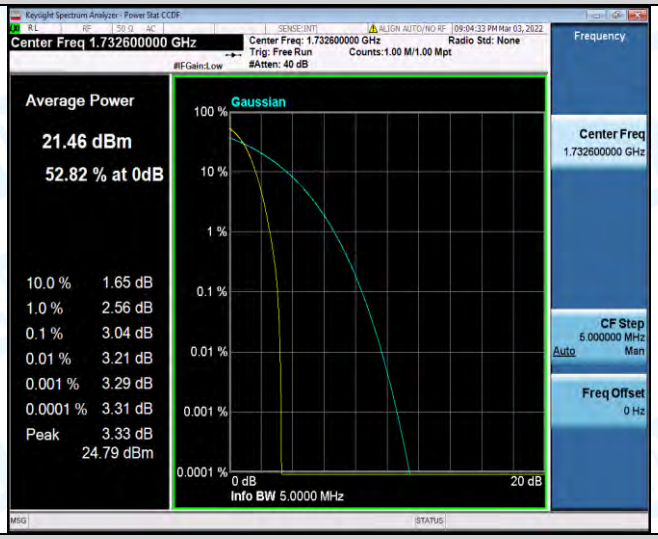
Band4-1312-3



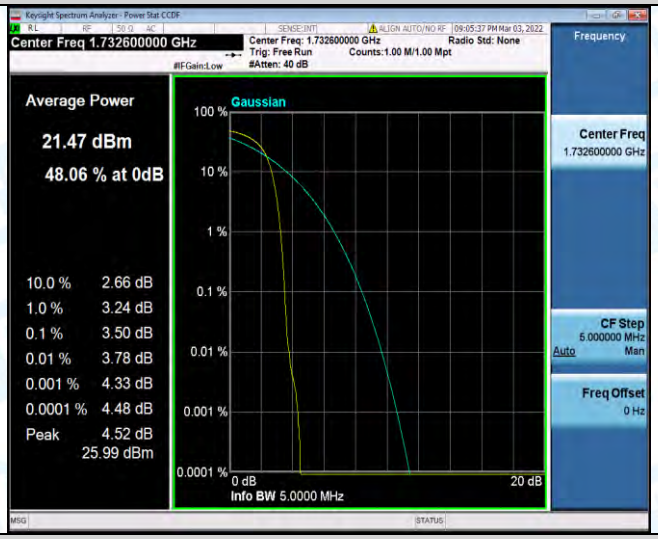
Band4-1312-4



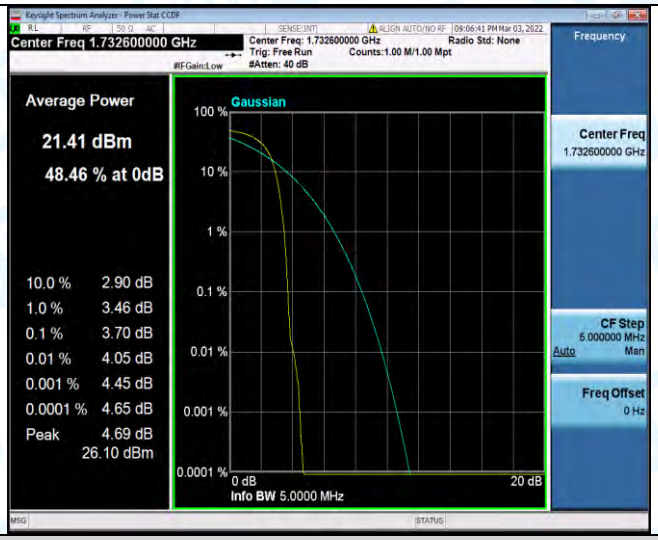
Band4-1413-1



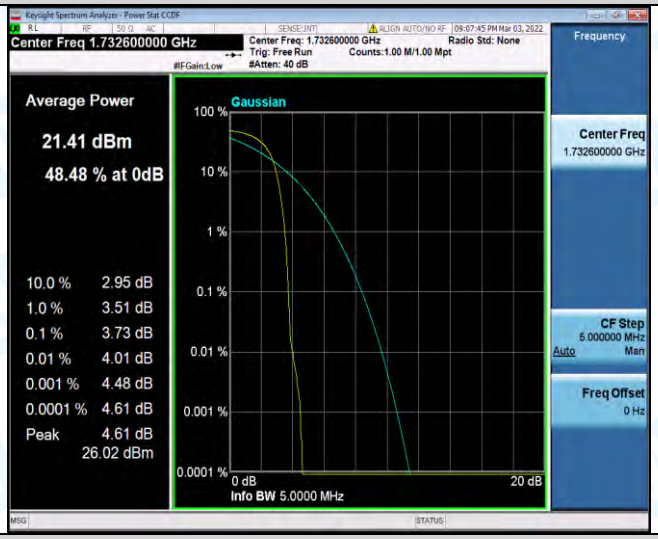
Band4-1413-2



Band4-1413-3



Band4-1413-4



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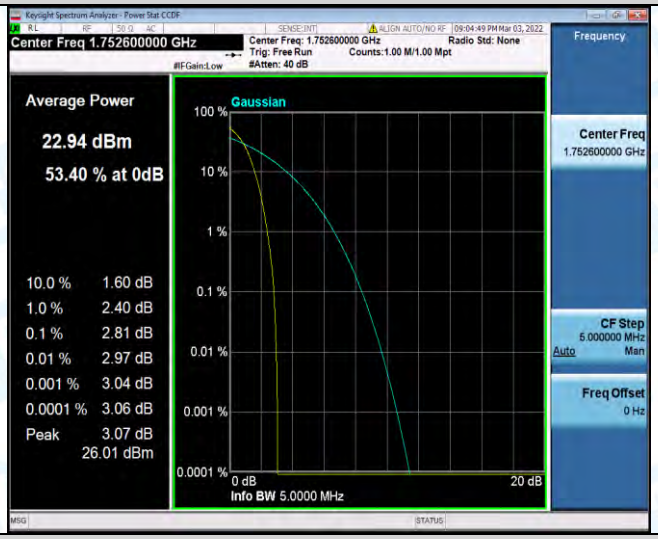

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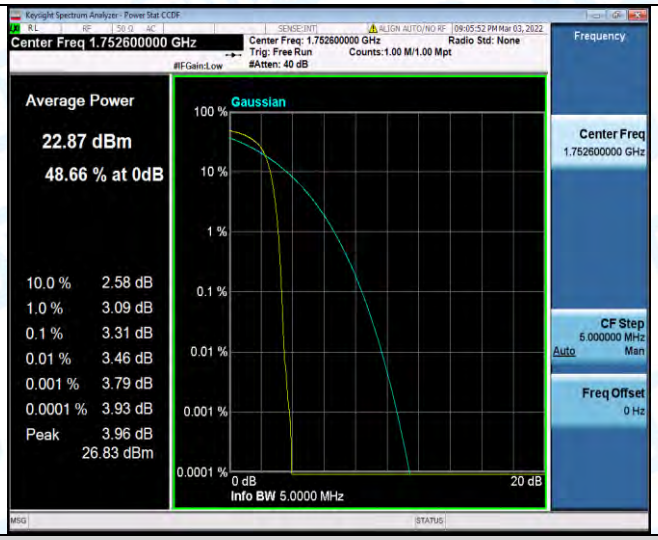

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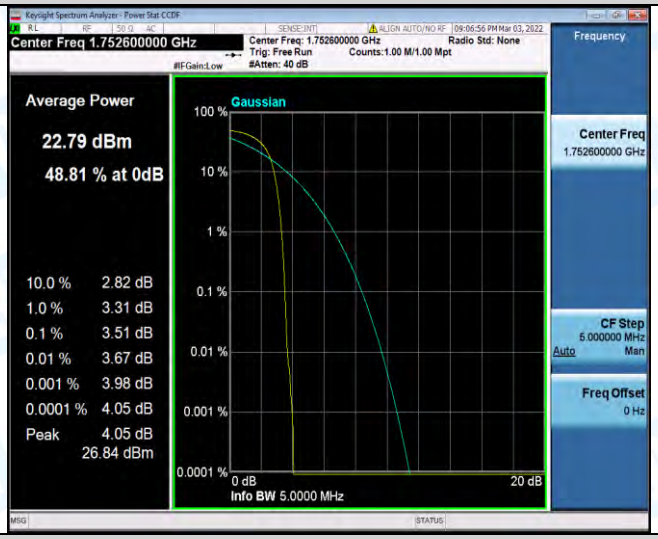

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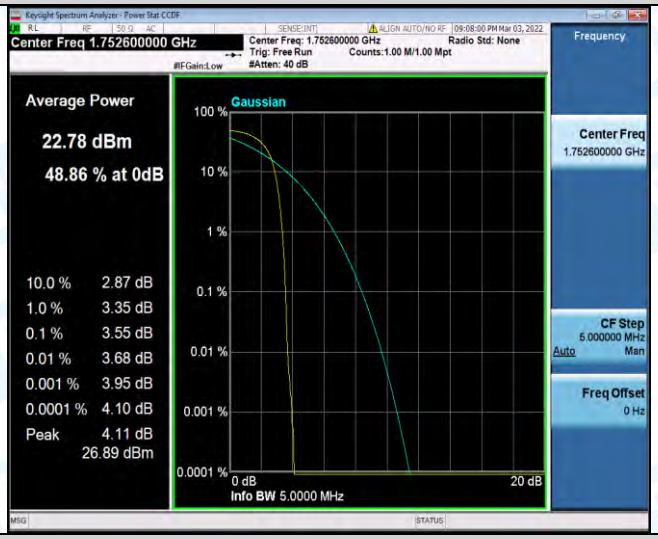

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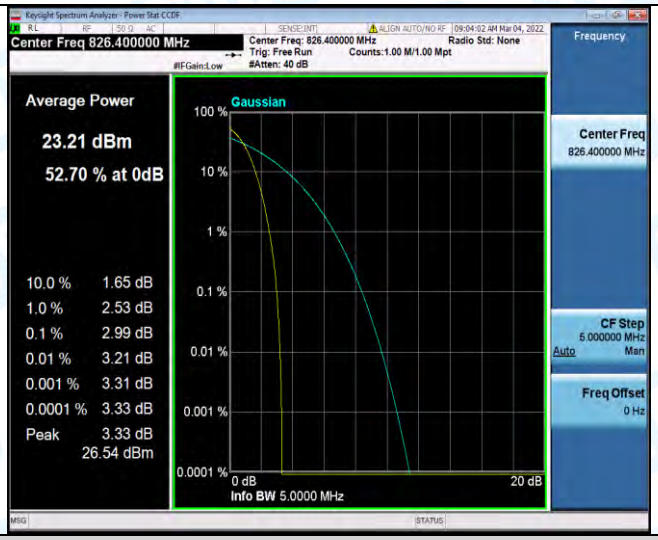

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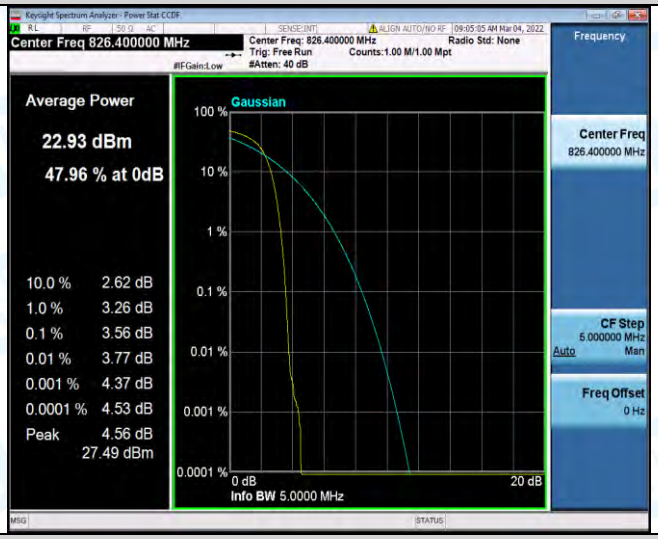

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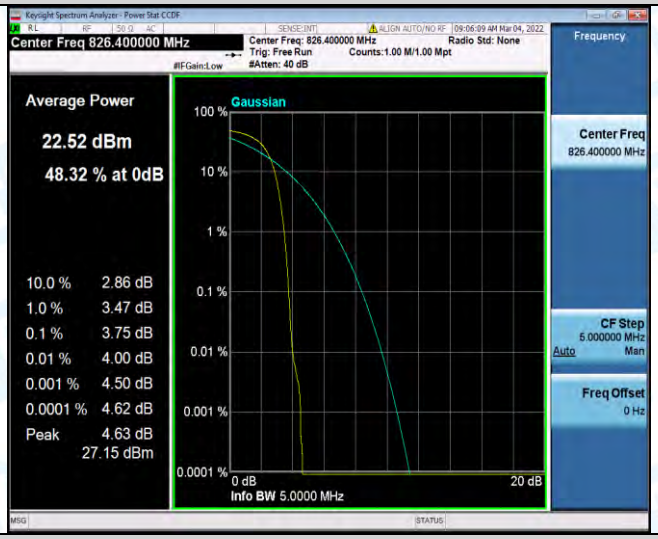

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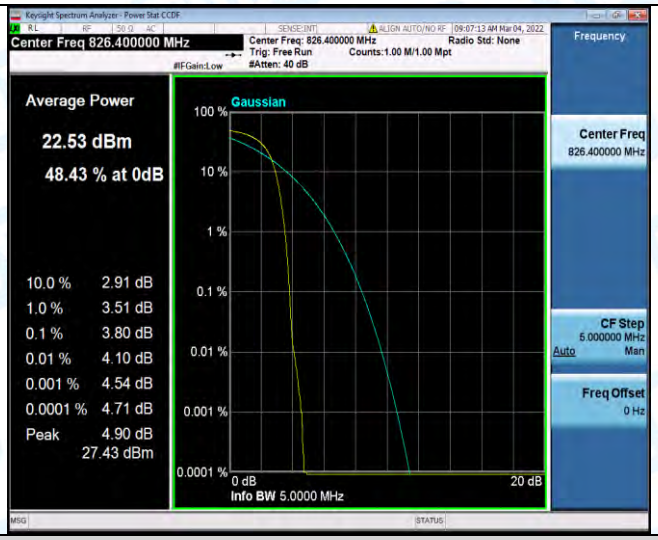

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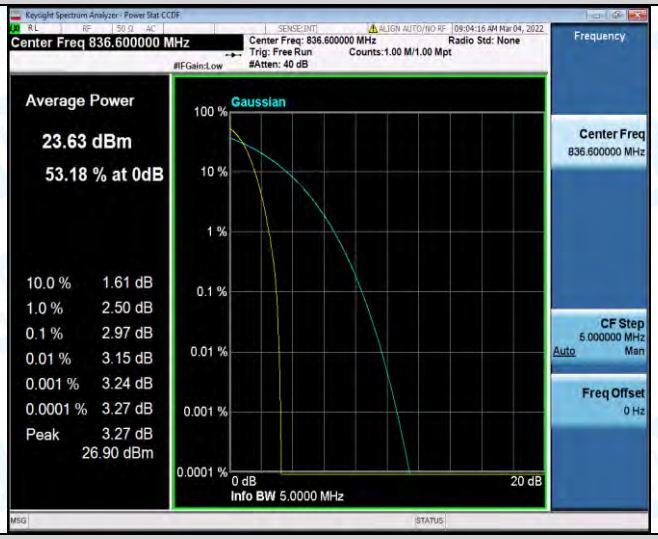

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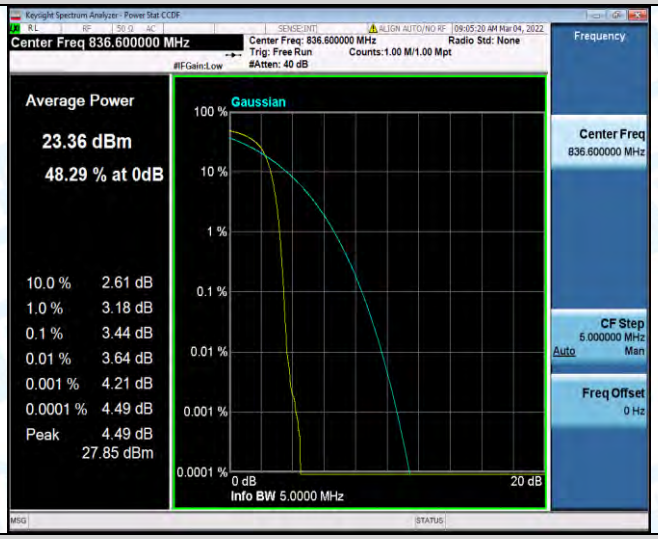

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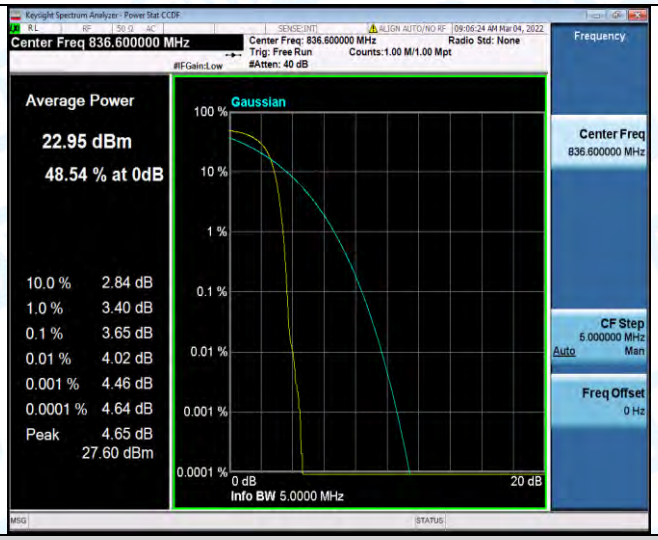

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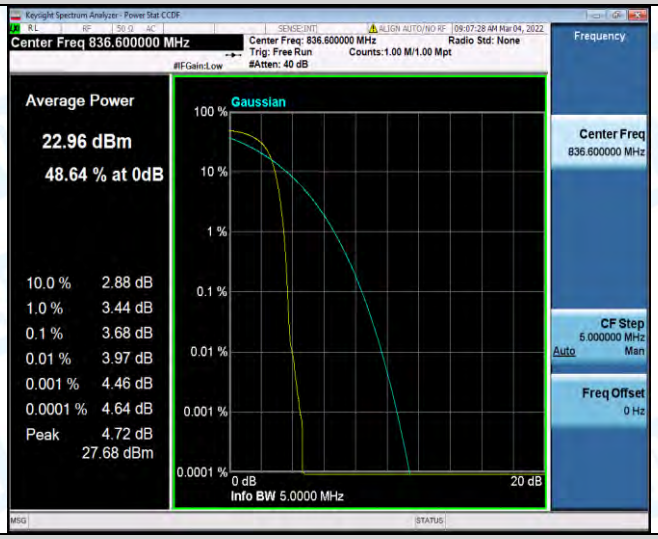

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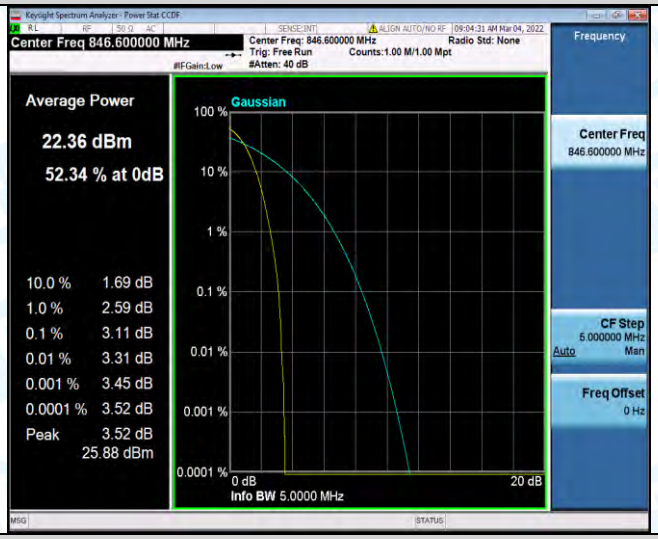

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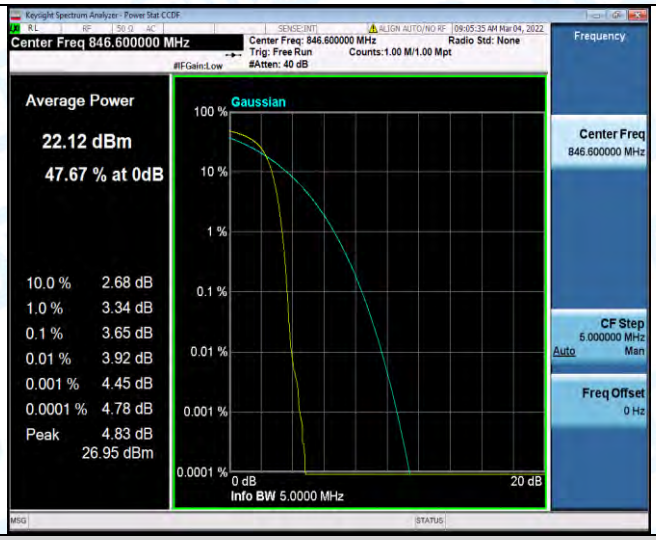

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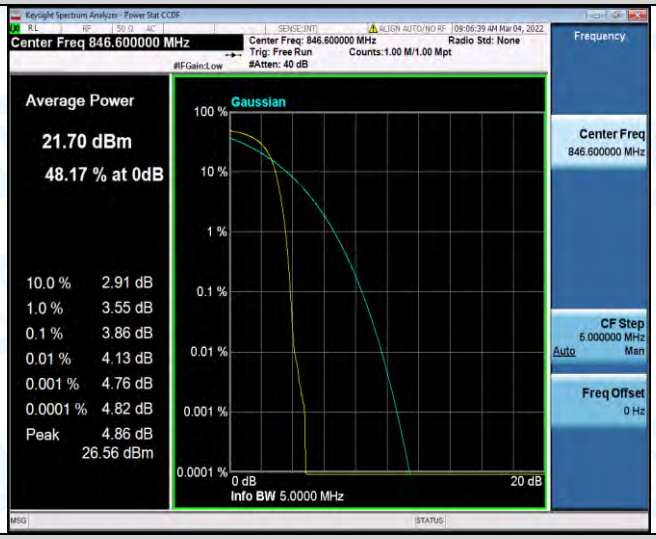

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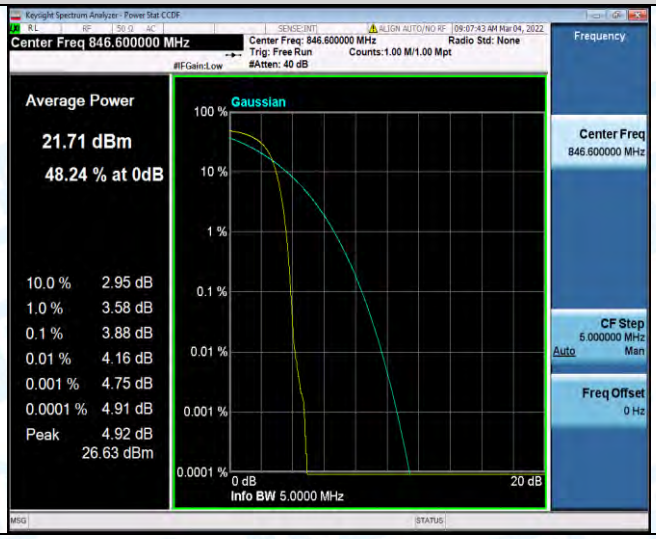

Test Graphs(HSUPA)

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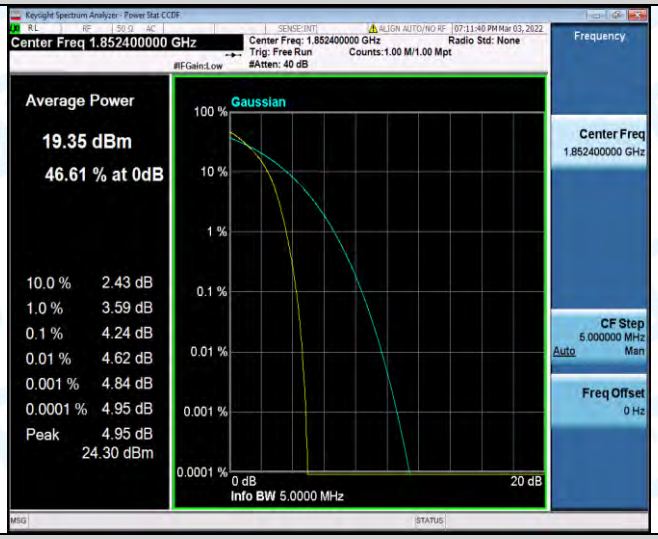

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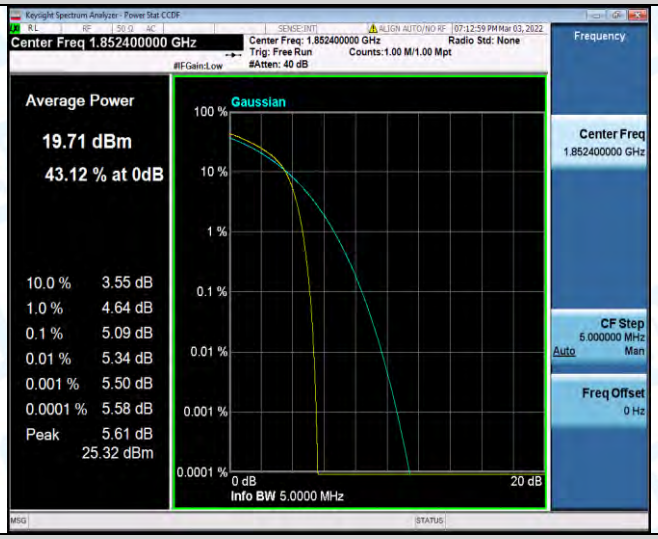

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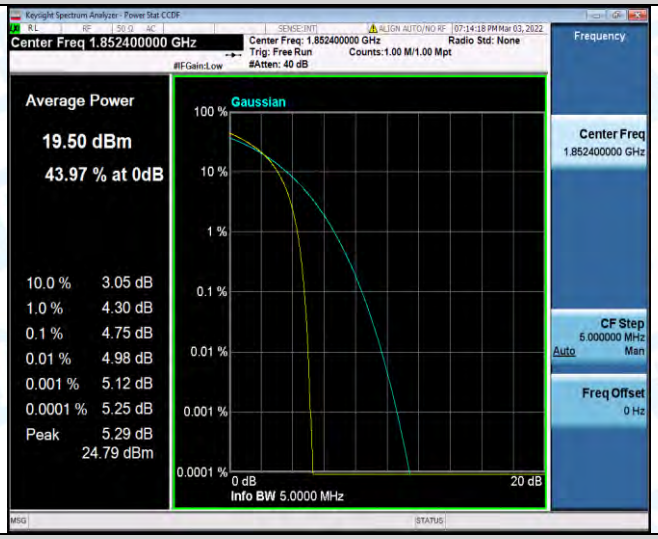

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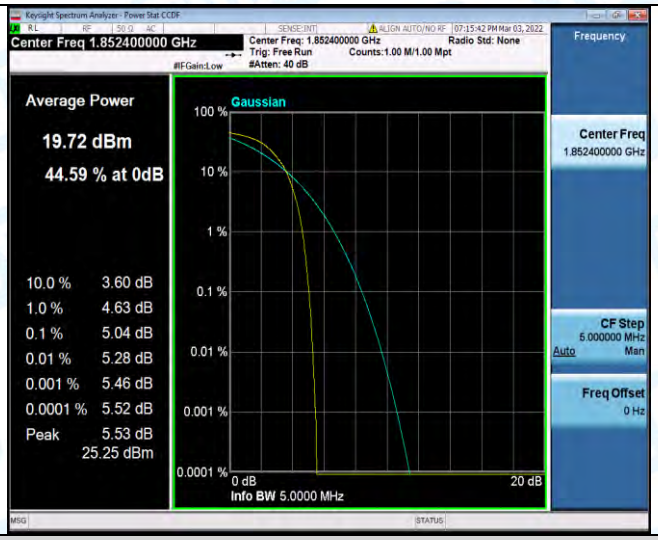

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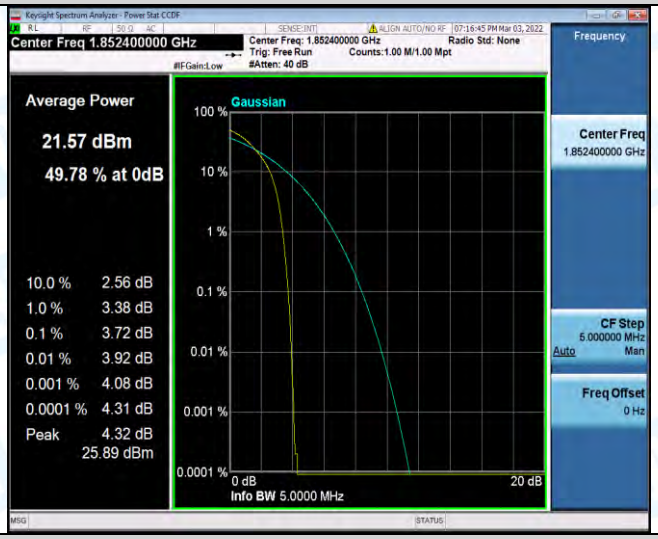

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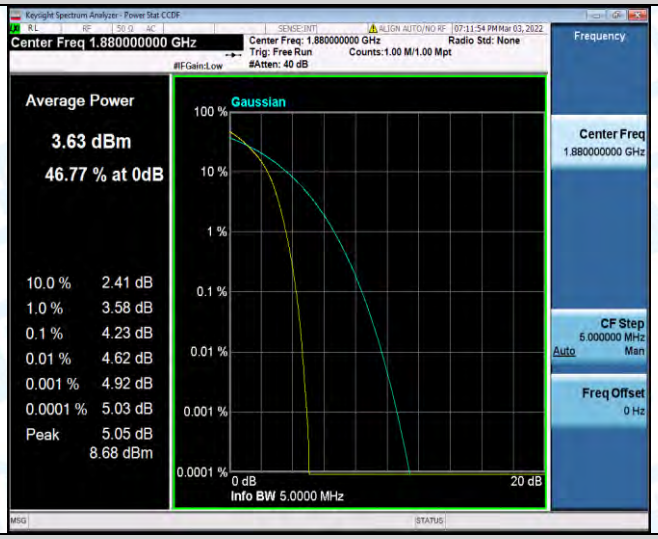

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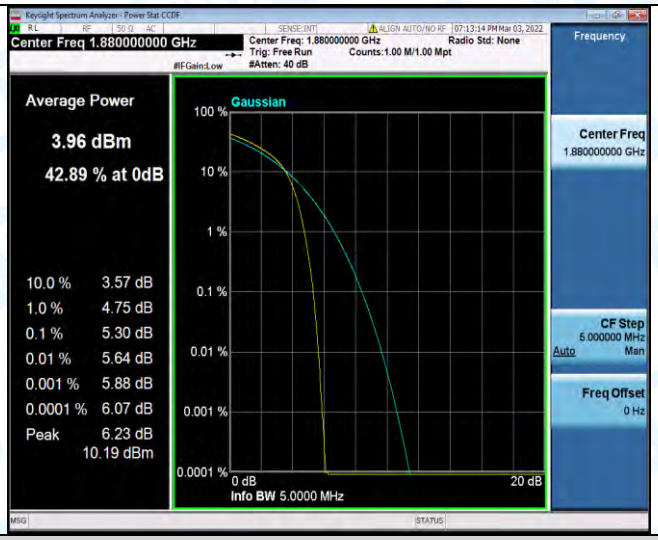

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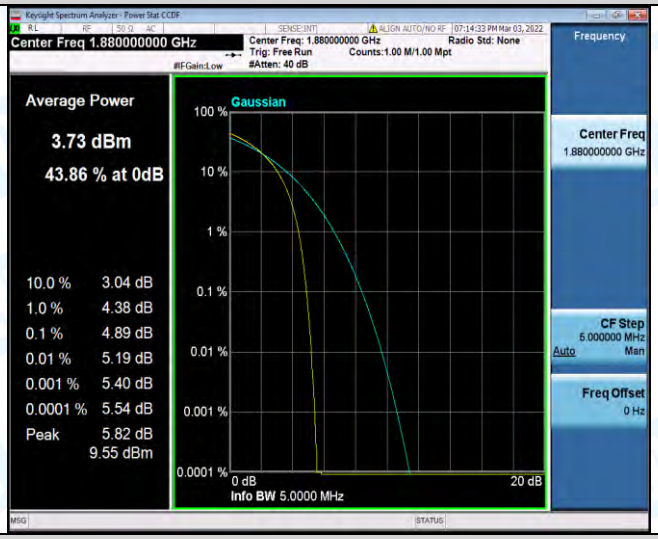

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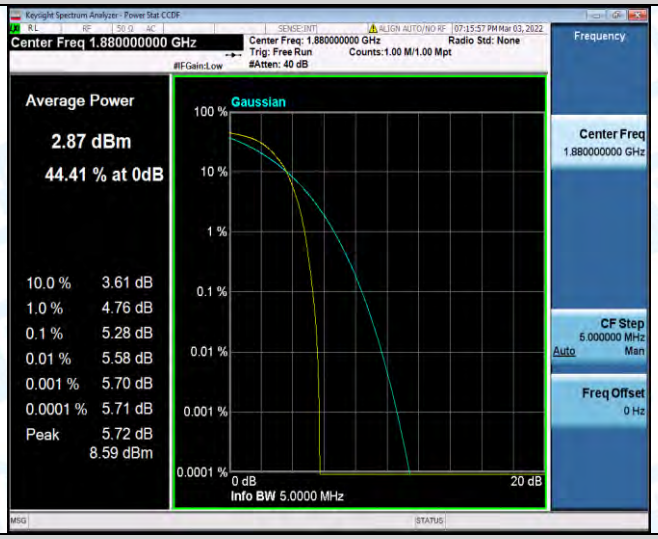

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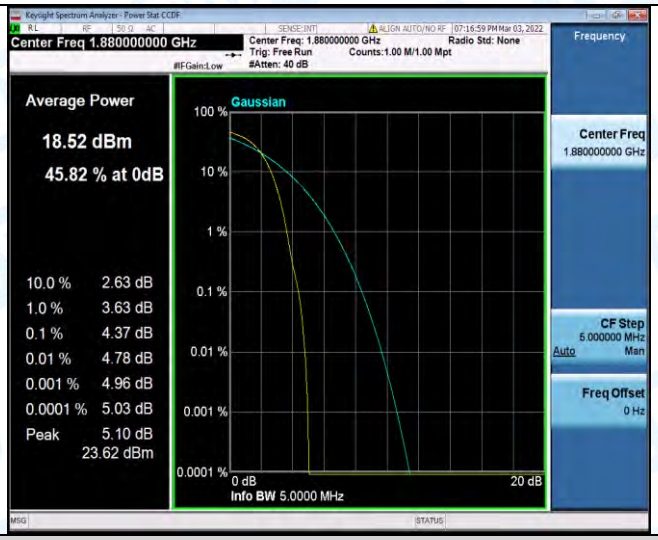

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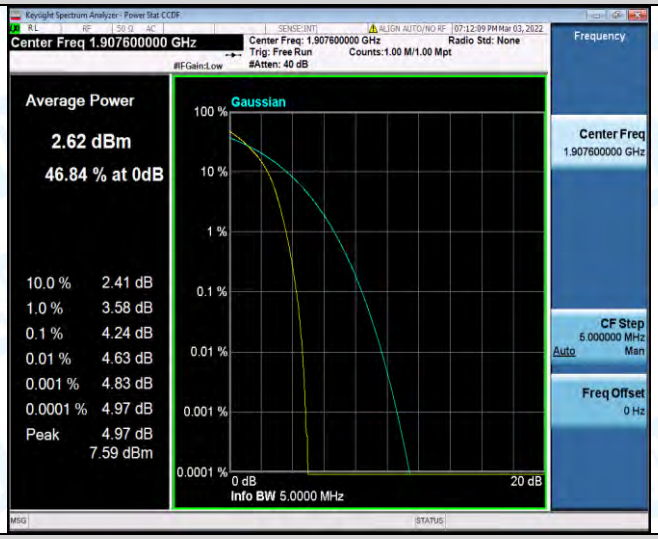

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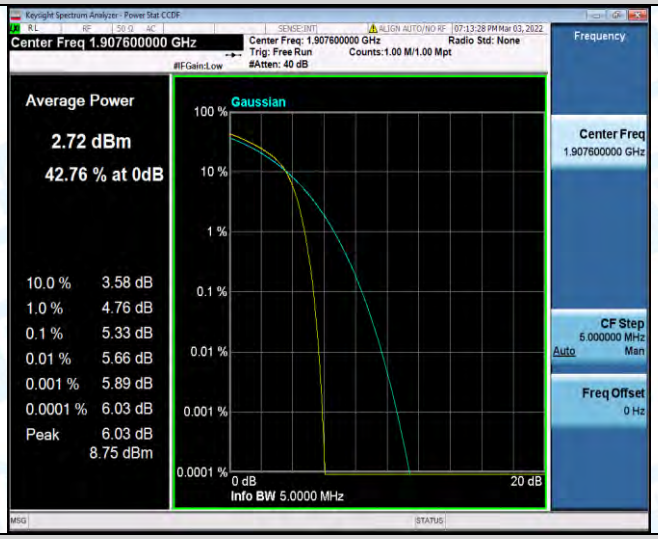

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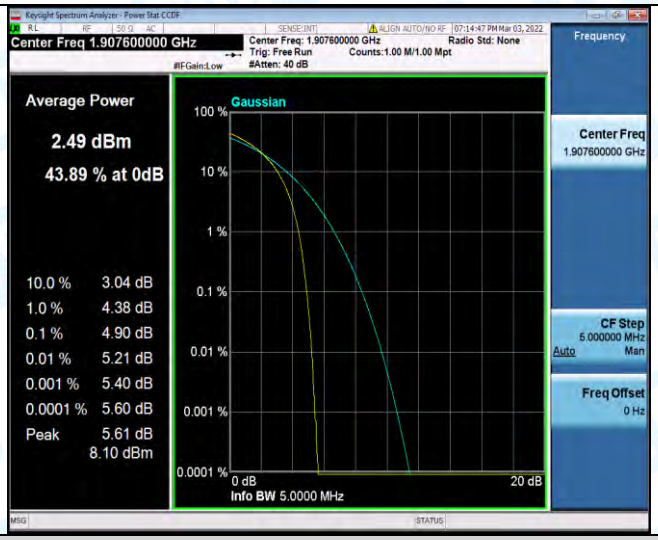

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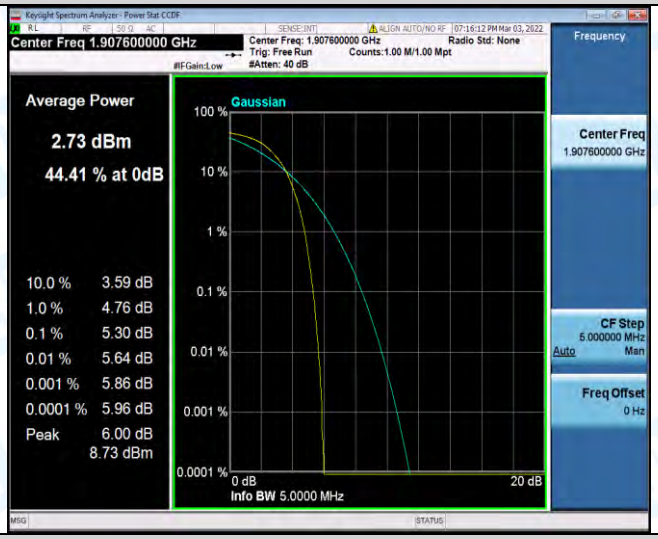

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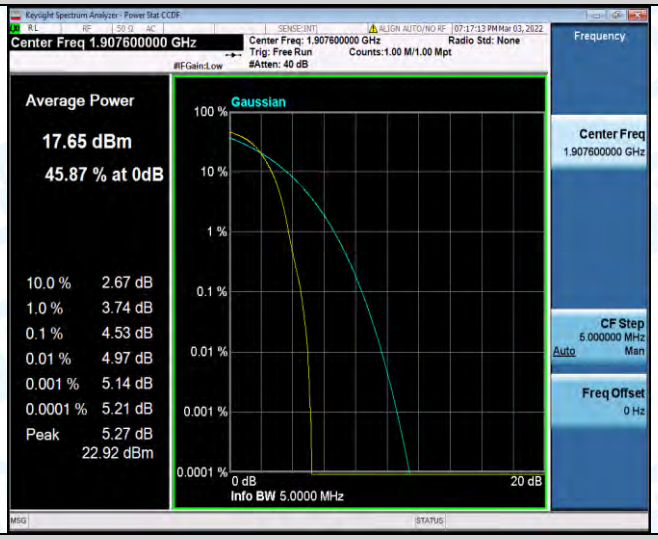

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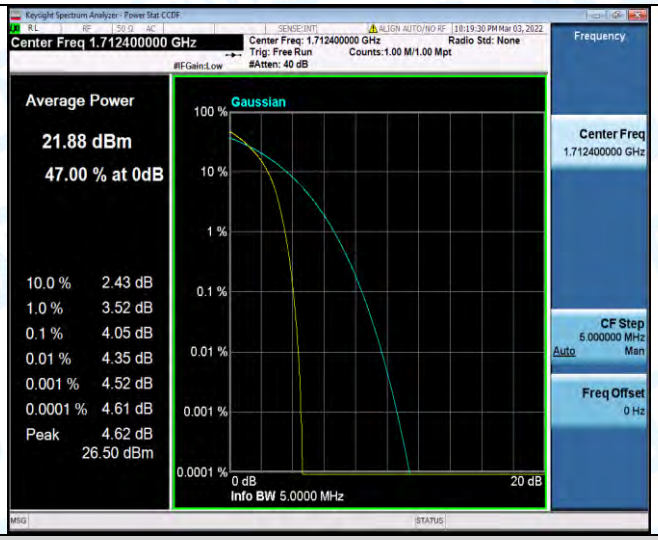

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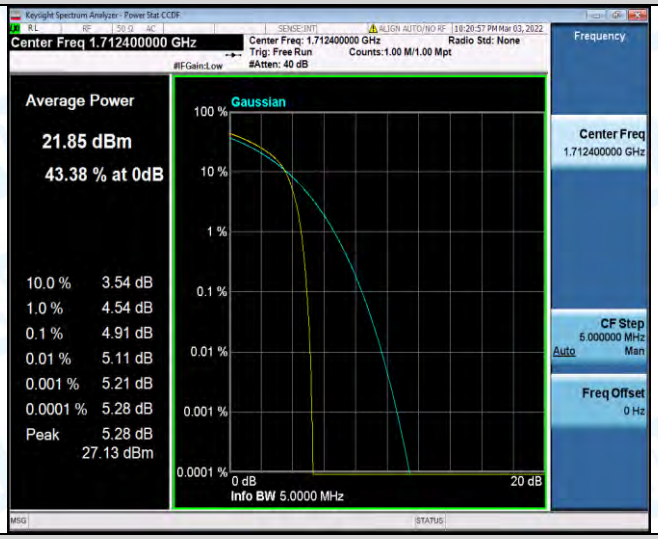

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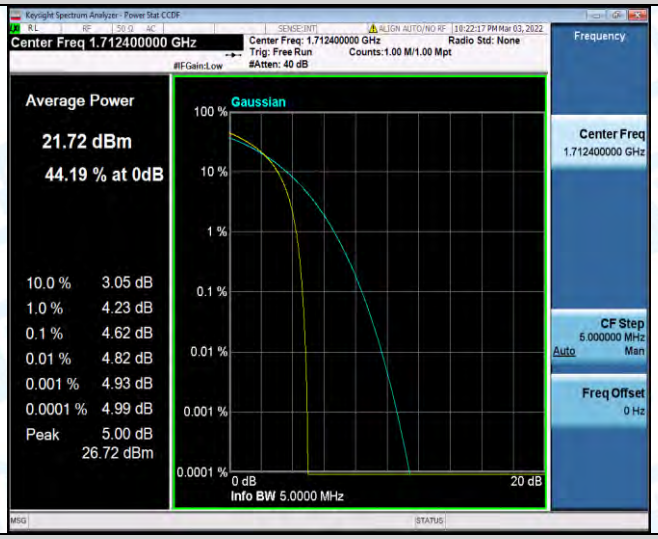

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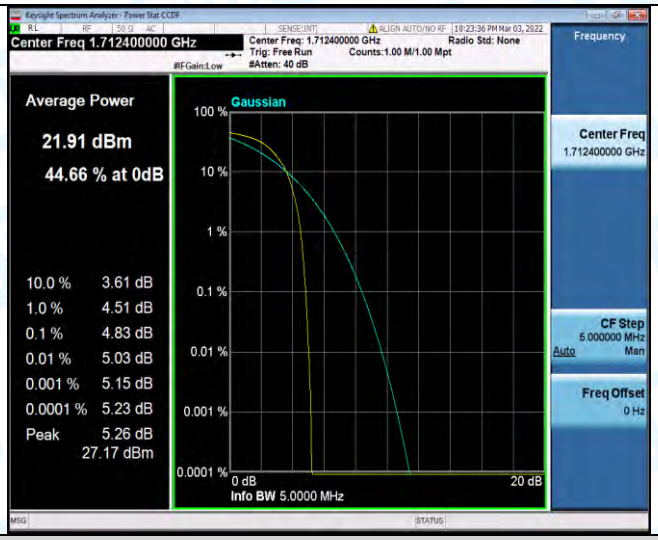

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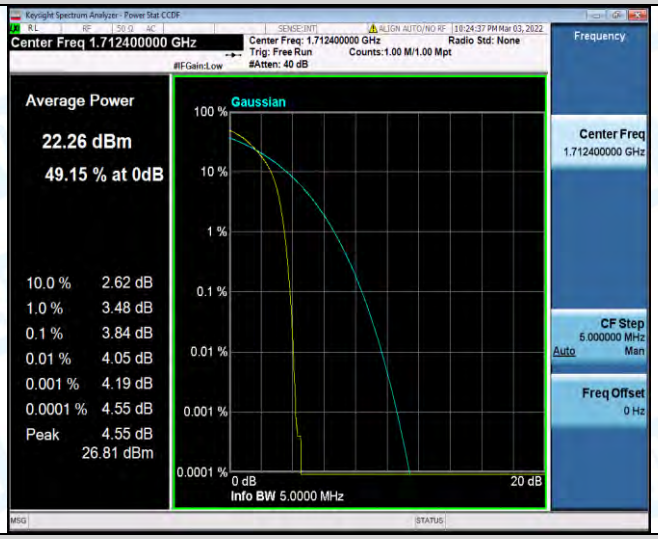

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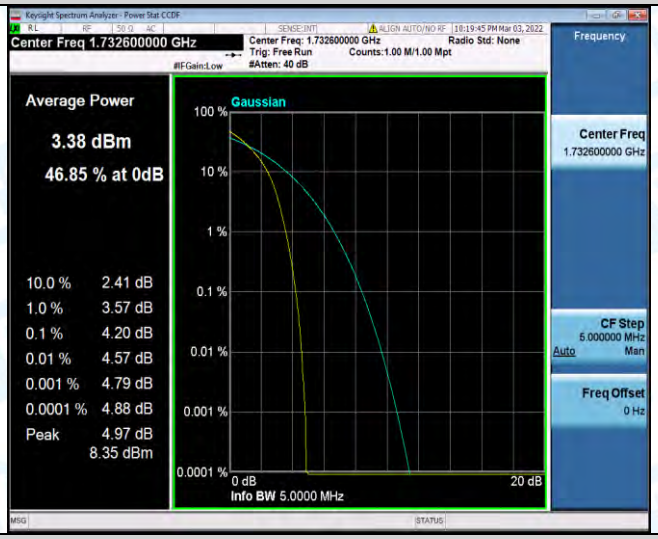

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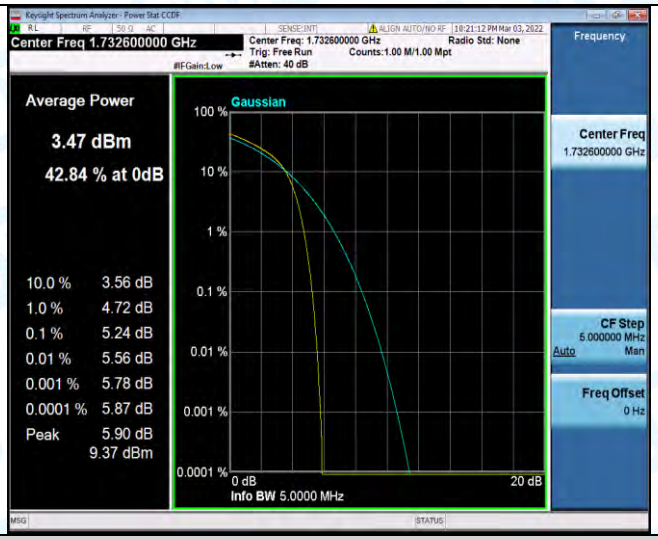

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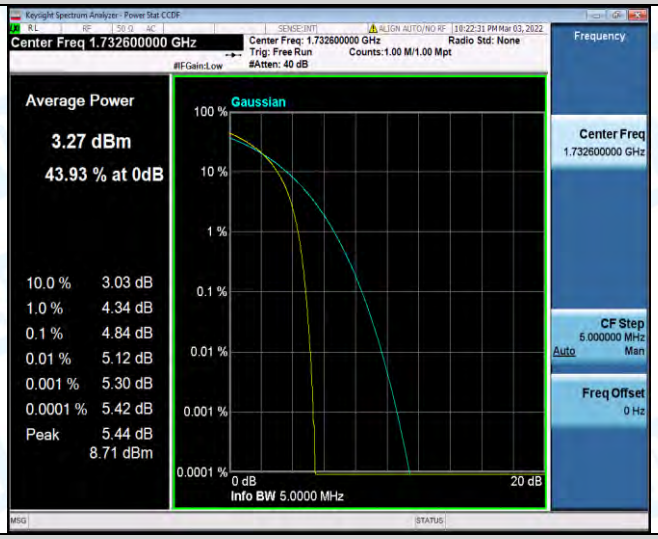

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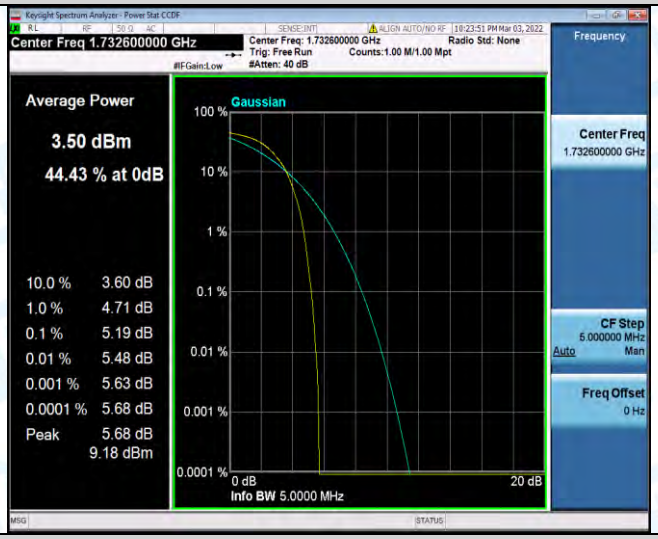

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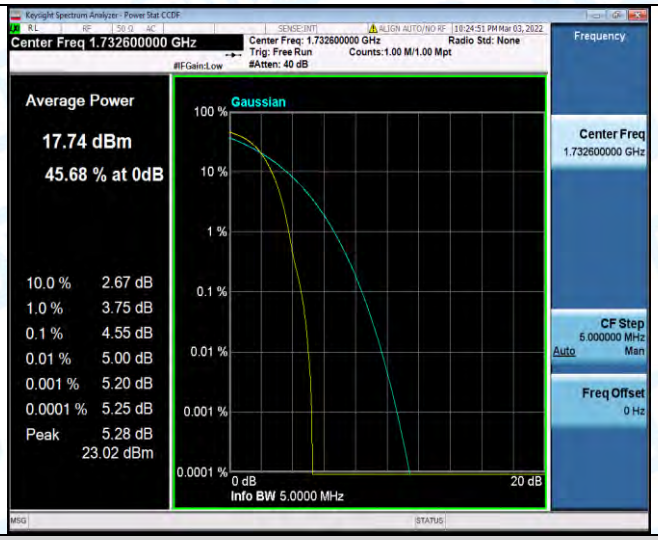

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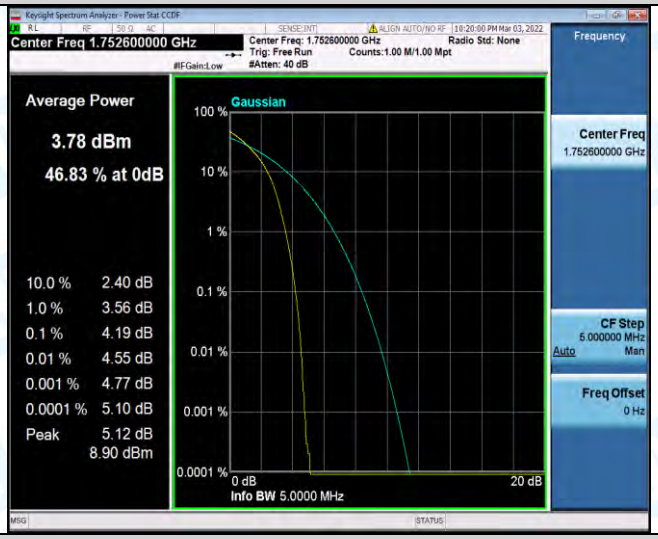

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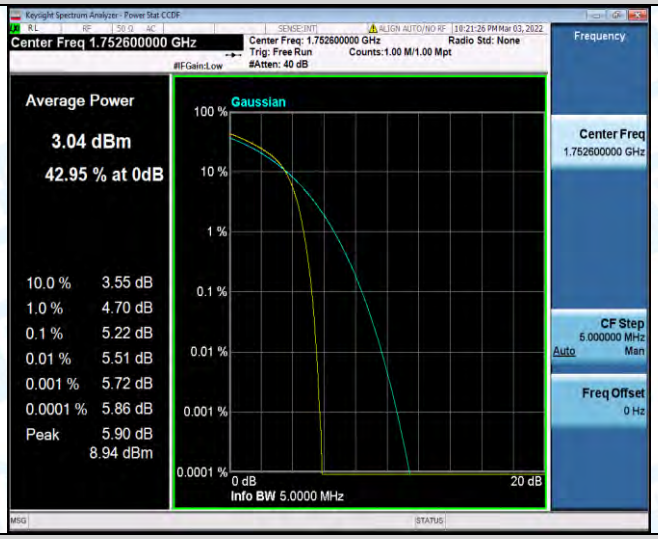

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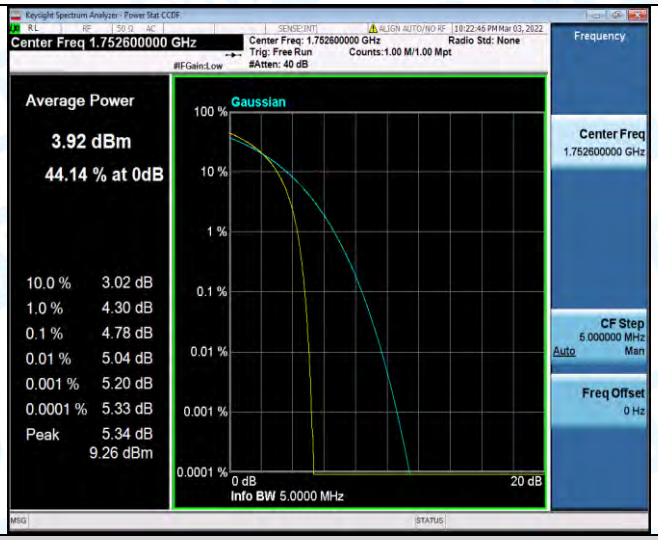

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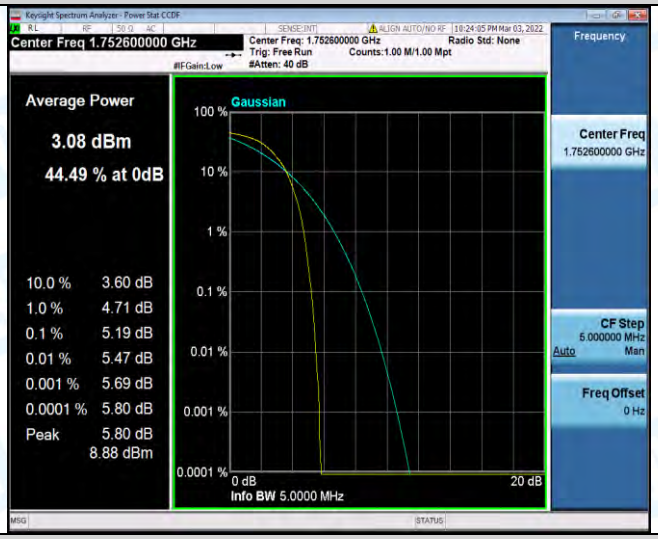

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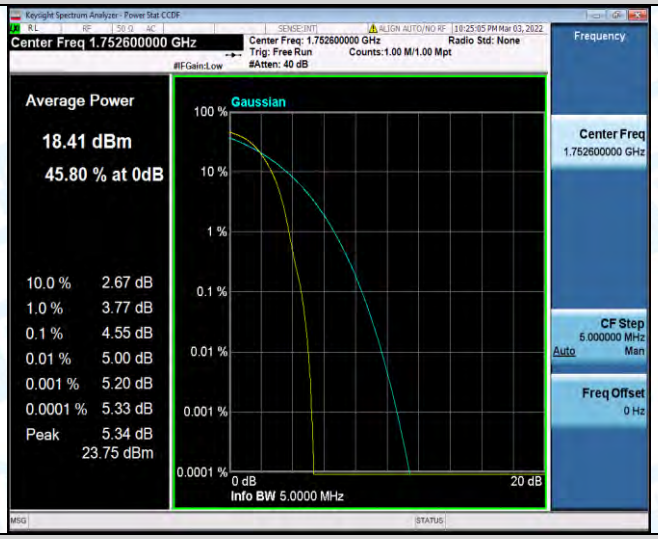

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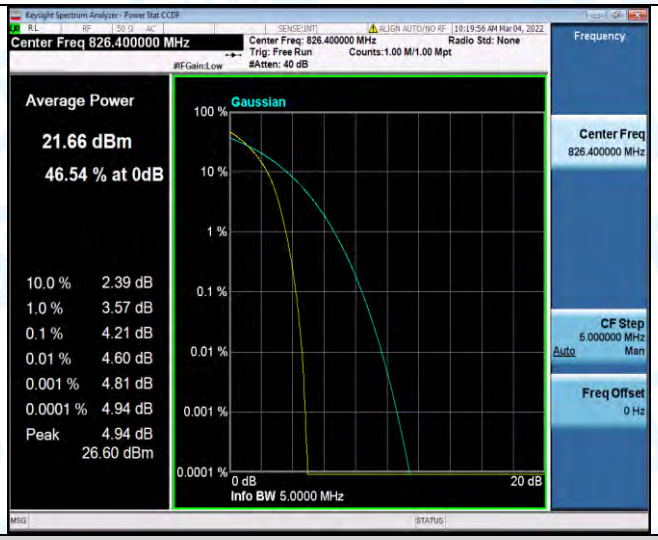

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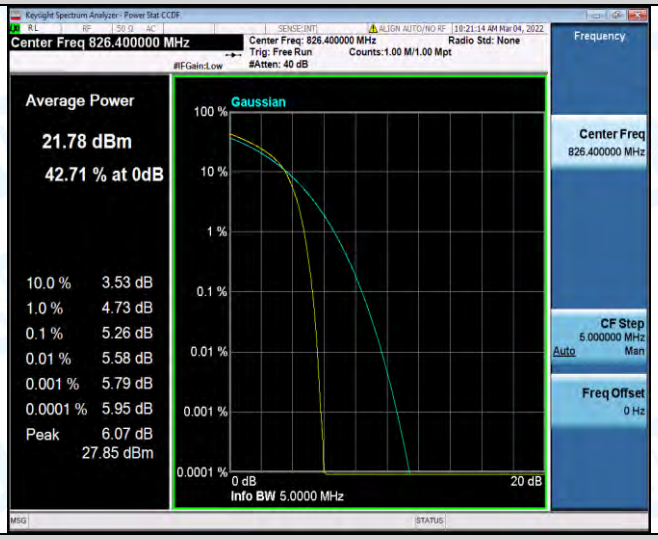

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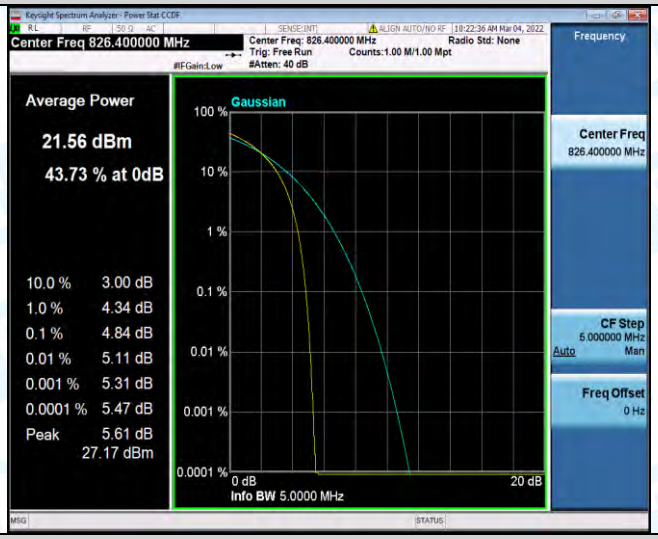

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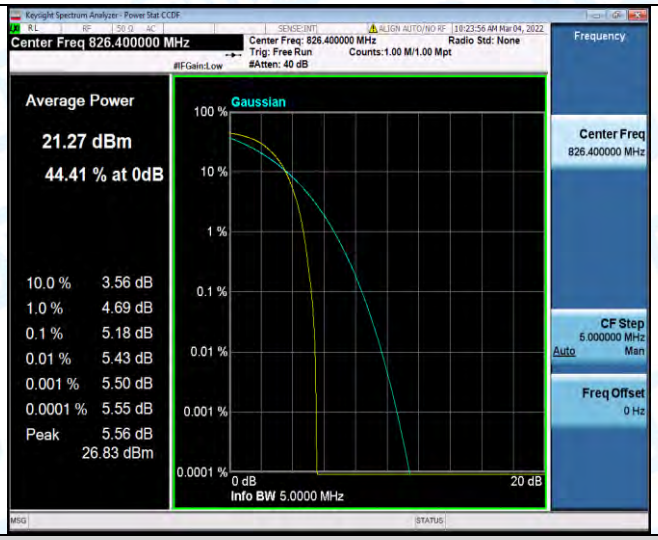

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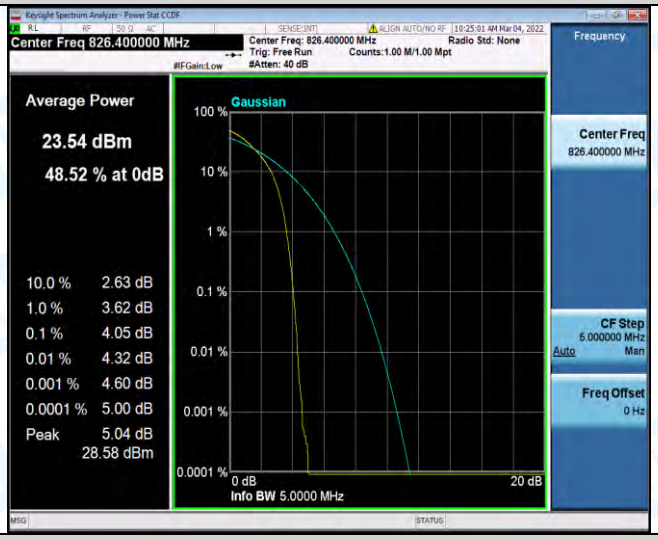

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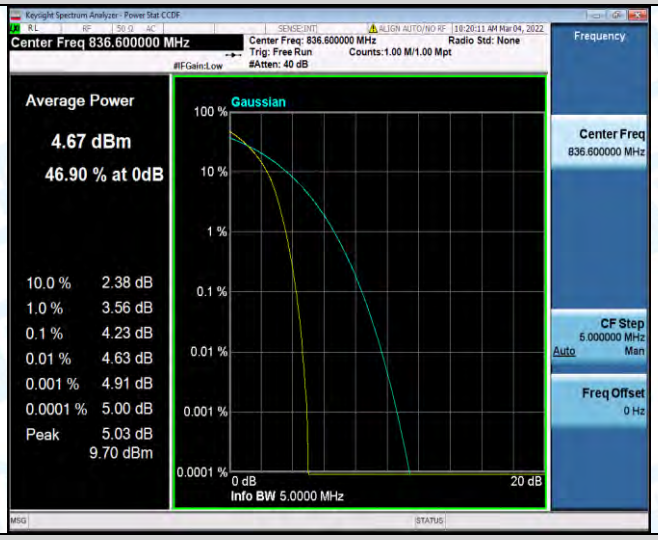
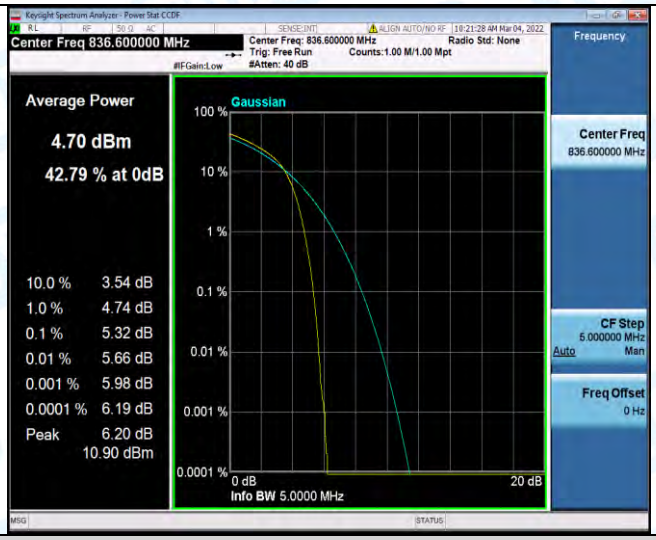
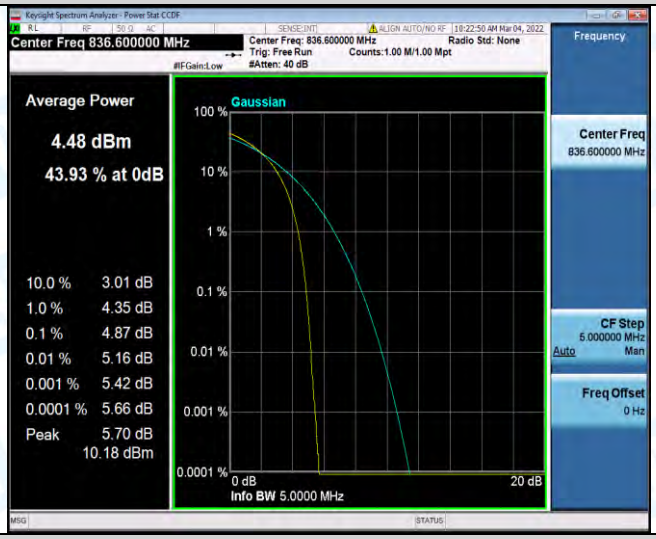


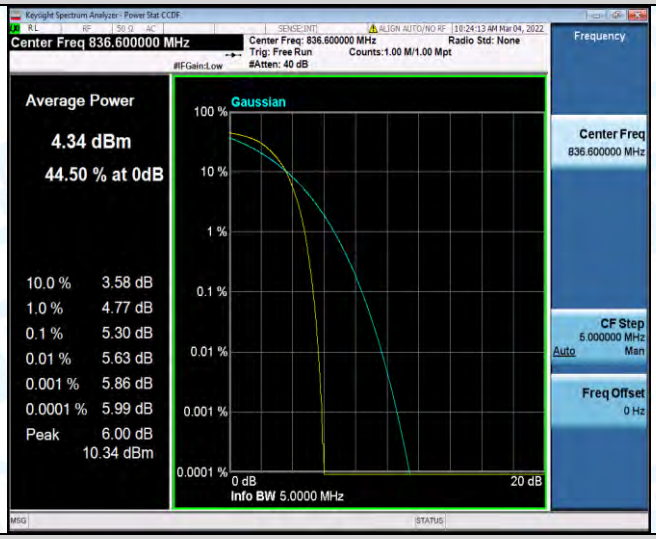
Band5-4183-2



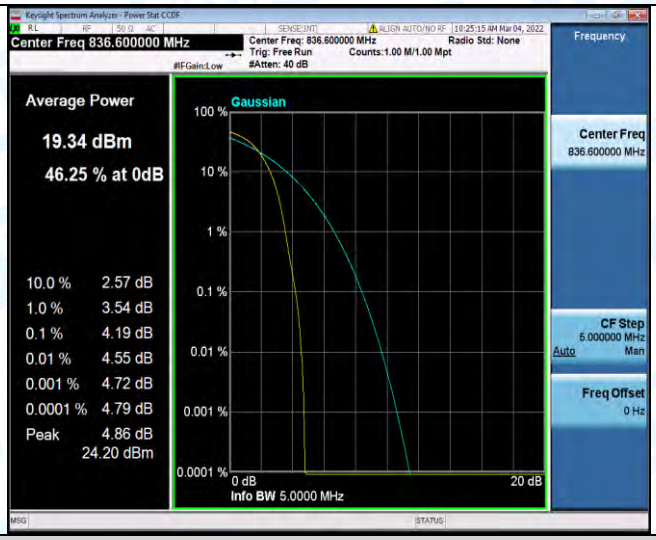
Band5-4183-3



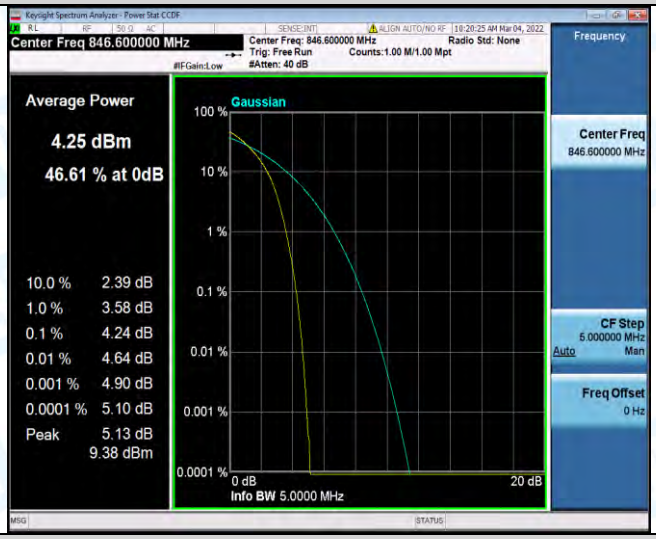
Band5-4183-4



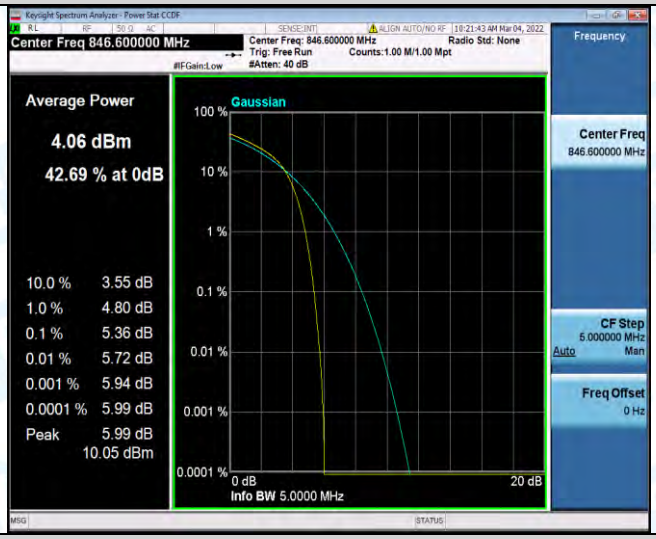
Band5-4183-5



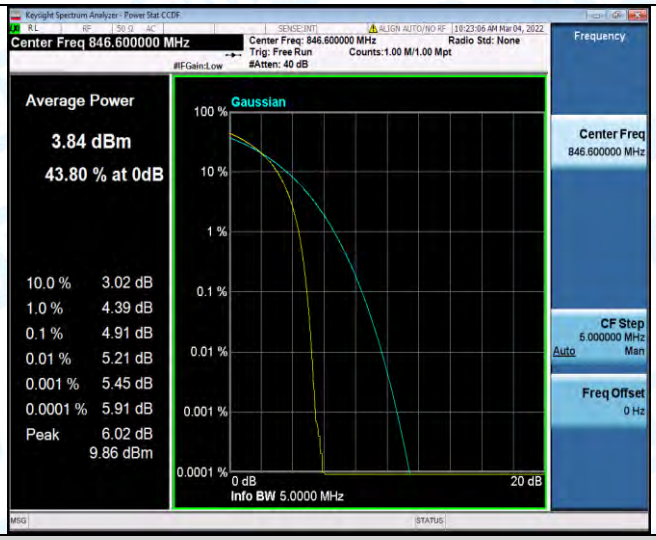
Band5-4233-1



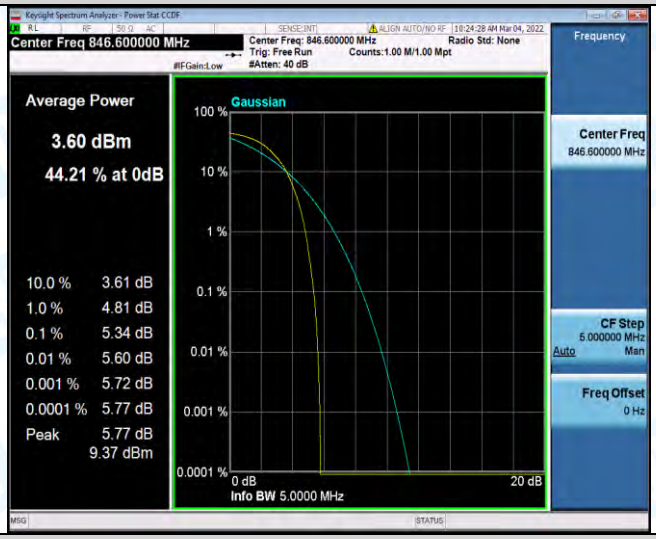
Band5-4233-2



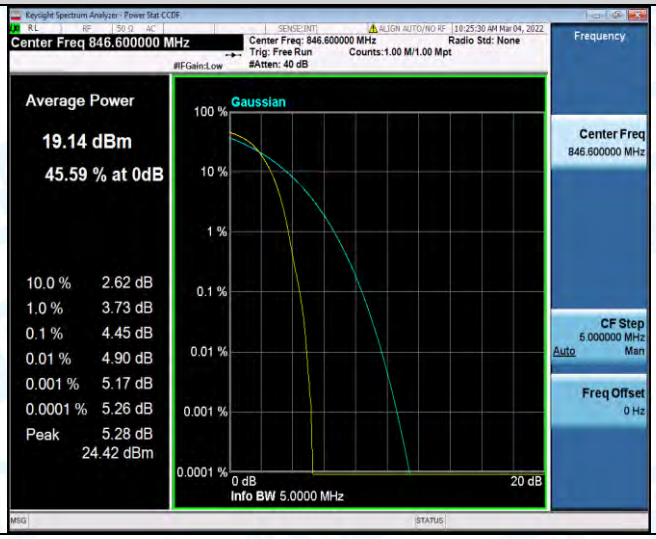
Band5-4233-3



Band5-4233-4



Band5-4233-5



3:26dB Bandwidth and Occupied Bandwidth

Test Result(WCDMA)

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	4.1497	4.674	---	PASS
Band2	9400	4.1564	4.705	---	PASS
Band2	9538	4.1433	4.672	---	PASS
Band4	1312	4.1541	4.680	---	PASS
Band4	1413	4.1546	4.673	---	PASS
Band4	1513	4.1610	4.680	---	PASS
Band5	4132	4.1485	4.677	---	PASS
Band5	4183	4.1429	4.671	---	PASS
Band5	4233	4.1522	4.682	---	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	1	4.1407	4.679	---	PASS
Band2	9262	2	4.1453	4.674	---	PASS
Band2	9262	3	4.1355	4.658	---	PASS
Band2	9262	4	4.1374	4.670	---	PASS
Band2	9400	1	4.1533	4.676	---	PASS
Band2	9400	2	4.1464	4.679	---	PASS
Band2	9400	3	4.1381	4.676	---	PASS
Band2	9400	4	4.1515	4.663	---	PASS
Band2	9538	1	4.1420	4.668	---	PASS
Band2	9538	2	4.1308	4.666	---	PASS
Band2	9538	3	4.1320	4.665	---	PASS
Band2	9538	4	4.1422	4.663	---	PASS
Band4	1312	1	4.1481	4.668	---	PASS
Band4	1312	2	4.1393	4.668	---	PASS
Band4	1312	3	4.1386	4.668	---	PASS
Band4	1312	4	4.1528	4.678	---	PASS
Band4	1413	1	4.1494	4.678	---	PASS
Band4	1413	2	4.1449	4.661	---	PASS
Band4	1413	3	4.1469	4.672	---	PASS

Band4	1413	4	4.1500	4.676	---	PASS
Band4	1513	1	4.1517	4.693	---	PASS
Band4	1513	2	4.1430	4.674	---	PASS
Band4	1513	3	4.1454	4.670	---	PASS
Band4	1513	4	4.1464	4.672	---	PASS
Band5	4132	1	4.1467	4.678	---	PASS
Band5	4132	2	4.1361	4.675	---	PASS
Band5	4132	3	4.1485	4.675	---	PASS
Band5	4132	4	4.1542	4.662	---	PASS
Band5	4183	1	4.1381	4.678	---	PASS
Band5	4183	2	4.1451	4.684	---	PASS
Band5	4183	3	4.1407	4.664	---	PASS
Band5	4183	4	4.1431	4.670	---	PASS
Band5	4233	1	4.1517	4.687	---	PASS
Band5	4233	2	4.1538	4.685	---	PASS
Band5	4233	3	4.1698	4.679	---	PASS
Band5	4233	4	4.1563	4.680	---	PASS

Test Result(HSUPA)

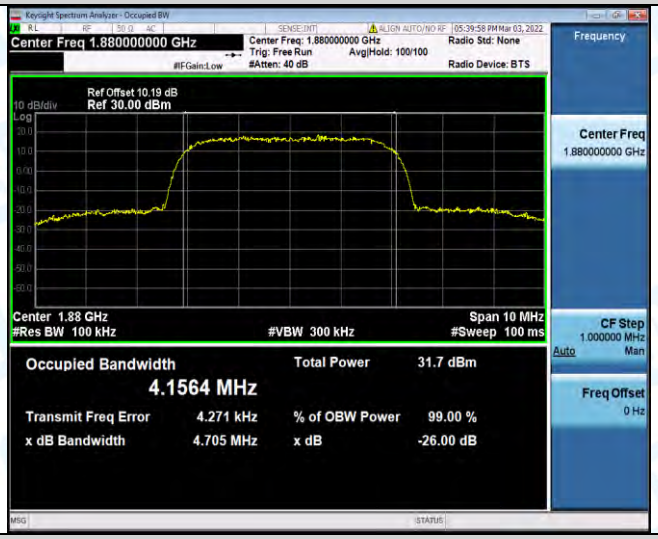
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	1	4.1638	4.671	---	PASS
Band2	9262	2	4.1636	4.696	---	PASS
Band2	9262	3	4.1493	4.687	---	PASS
Band2	9262	4	4.1527	4.681	---	PASS
Band2	9262	5	4.1517	4.673	---	PASS
Band2	9400	1	4.1576	4.683	---	PASS
Band2	9400	2	4.1631	4.687	---	PASS
Band2	9400	3	4.1592	4.679	---	PASS
Band2	9400	4	4.1636	4.676	---	PASS
Band2	9400	5	4.1545	4.678	---	PASS
Band2	9538	1	4.1551	4.685	---	PASS
Band2	9538	2	4.1614	4.690	---	PASS
Band2	9538	3	4.1681	4.683	---	PASS
Band2	9538	4	4.1548	4.673	---	PASS
Band2	9538	5	4.1370	4.665	---	PASS
Band4	1312	1	4.1710	4.688	---	PASS
Band4	1312	2	4.1772	4.707	---	PASS

Band4	1312	3	4.1743	4.697	---	PASS
Band4	1312	4	4.1718	4.696	---	PASS
Band4	1312	5	4.1562	4.671	---	PASS
Band4	1413	1	4.1718	4.689	---	PASS
Band4	1413	2	4.1677	4.677	---	PASS
Band4	1413	3	4.1664	4.687	---	PASS
Band4	1413	4	4.1686	4.674	---	PASS
Band4	1413	5	4.1588	4.674	---	PASS
Band4	1513	1	4.1681	4.693	---	PASS
Band4	1513	2	4.1671	4.692	---	PASS
Band4	1513	3	4.1700	4.695	---	PASS
Band4	1513	4	4.1667	4.677	---	PASS
Band4	1513	5	4.1464	4.674	---	PASS
Band5	4132	1	4.1629	4.677	---	PASS
Band5	4132	2	4.1804	4.688	---	PASS
Band5	4132	3	4.1653	4.687	---	PASS
Band5	4132	4	4.1674	4.678	---	PASS
Band5	4132	5	4.1493	4.675	---	PASS
Band5	4183	1	4.1581	4.684	---	PASS
Band5	4183	2	4.1566	4.689	---	PASS
Band5	4183	3	4.1618	4.682	---	PASS
Band5	4183	4	4.1563	4.679	---	PASS
Band5	4183	5	4.1454	4.679	---	PASS
Band5	4233	1	4.1778	4.689	---	PASS
Band5	4233	2	4.1805	4.696	---	PASS
Band5	4233	3	4.1776	4.698	---	PASS
Band5	4233	4	4.1770	4.691	---	PASS
Band5	4233	5	4.1705	4.676	---	PASS

Test Graphs(WCDMA)

Band2-9262-4.674

Band2-9400-4.705



Band2-9538-4.672

Band4-1312-4.680

Band4-1413-4.673

Band4-1513-4.680

Band5-4132-4.677

Band5-4183-4.671

Band5-4233-4.682

Test Graphs(HSDPA)

Band2-9262-1-4.679

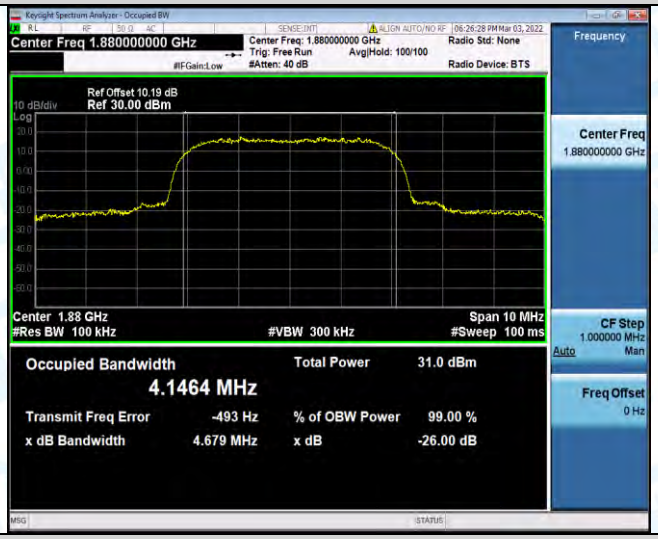
Band2-9262-2-4.674

Band2-9262-3-4.658

Band2-9262-4-4.670

Band2-9400-1-4.676

Band2-9400-2-4.679



Band2-9400-3-4.676

Band2-9400-4-4.663

Band2-9538-1-4.668

Band2-9538-2-4.666

Band2-9538-3-4.665

Band2-9538-4-4.663

Band4-1312-1-4.668

Band4-1312-2-4.668

Band4-1312-3-4.668

Band4-1312-4-4.678

Band4-1413-1-4.678

Band4-1413-2-4.661

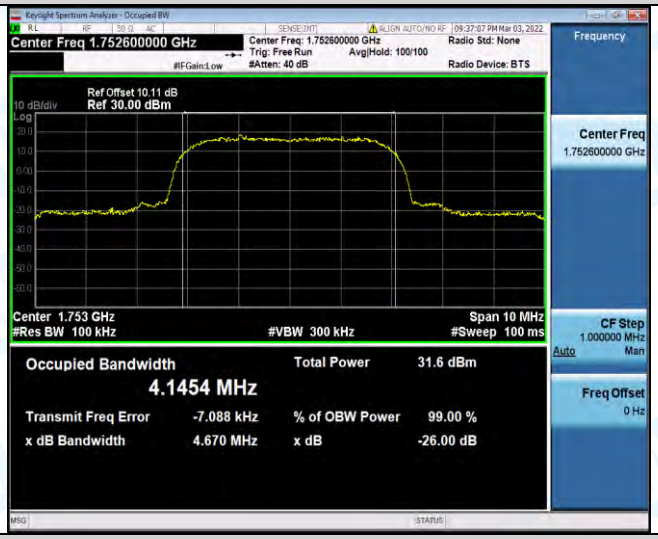
Band4-1413-3-4.672

Band4-1413-4-4.676

Band4-1513-1-4.693

Band4-1513-2-4.674

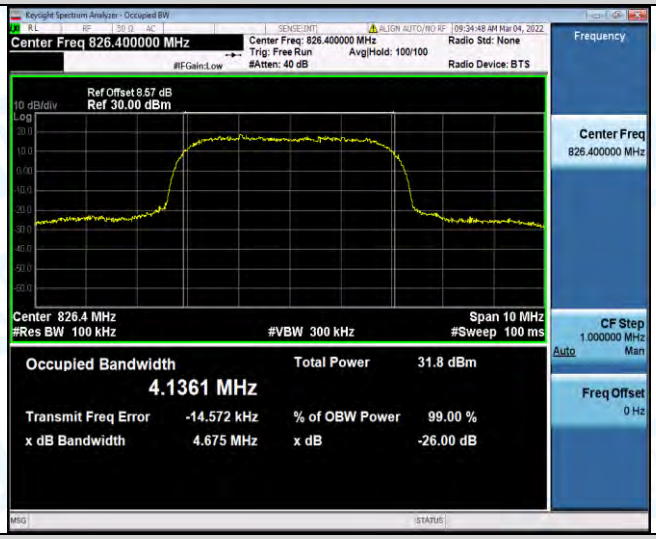
Band4-1513-3-4.670



Band4-1513-4-4.672

Band5-4132-1-4.678

Band5-4132-2-4.675



Band5-4132-3-4.675

Band5-4132-4-4.662

Band5-4183-1-4.678

Band5-4183-2-4.684

Band5-4183-3-4.664

Band5-4183-4-4.670

Band5-4233-1-4.687

Band5-4233-2-4.685

Band5-4233-3-4.679

Band5-4233-4-4.680

Test Graphs(HSUPA)

Band2-9262-1-4.671

Band2-9262-2-4.696

Band2-9262-3-4.687

Band2-9262-4-4.681

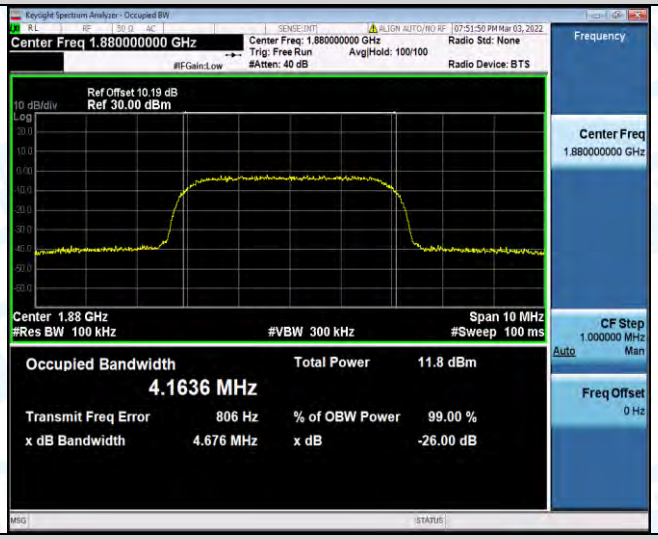
Band2-9262-5-4.673

Band2-9400-1-4.683

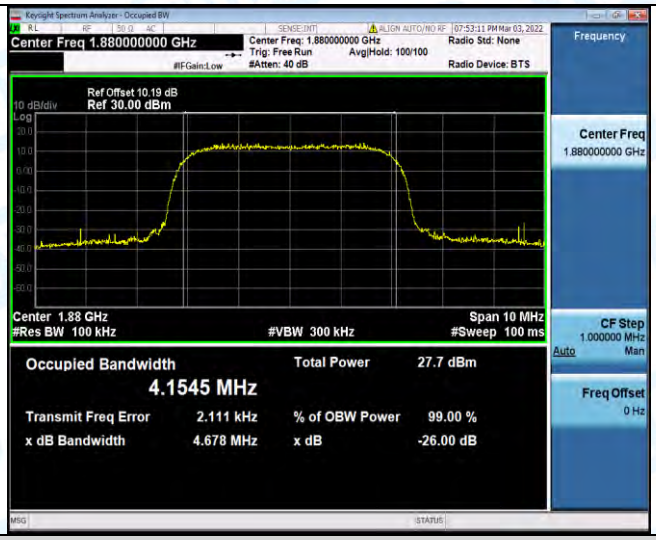
Band2-9400-2-4.687

Band2-9400-3-4.679

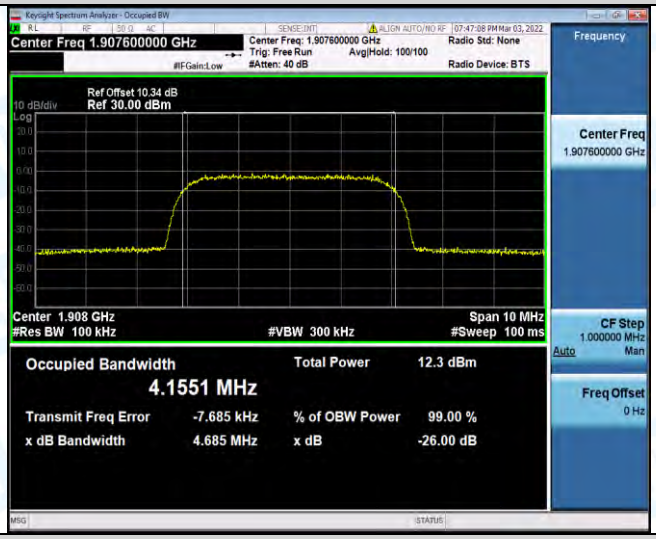
Band2-9400-4-4.676



Band2-9400-5-4.678



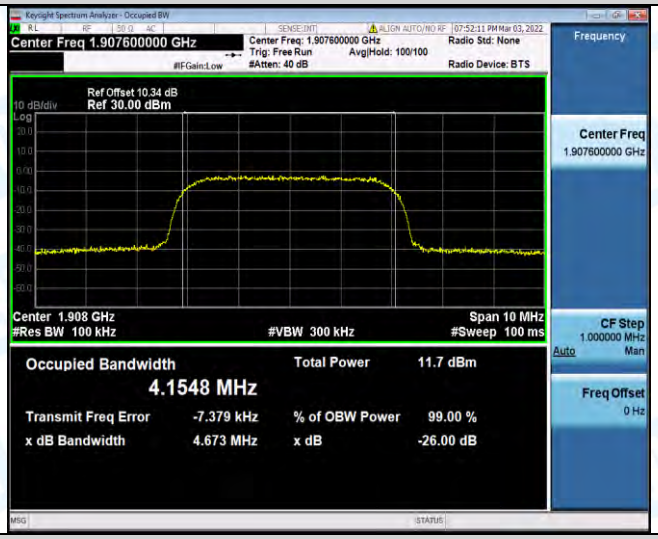
Band2-9538-1-4.685



Band2-9538-2-4.690

Band2-9538-3-4.683

Band2-9538-4-4.673

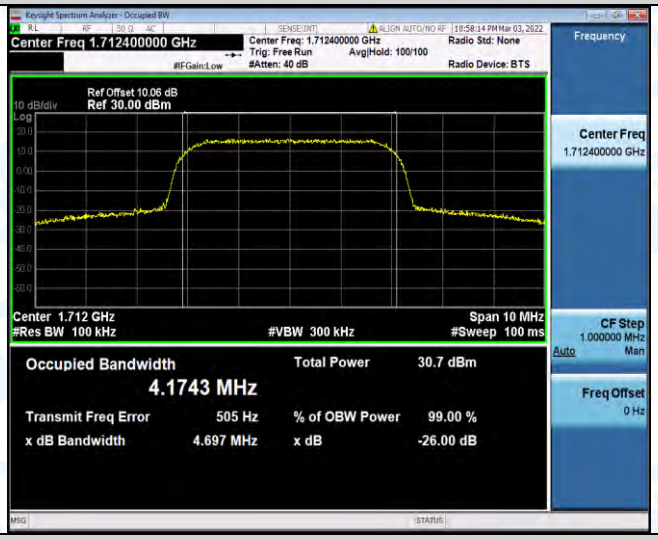


Band2-9538-5-4.665

Band4-1312-1-4.688

Band4-1312-2-4.707

Band4-1312-3-4.697



Band4-1312-4-4.696