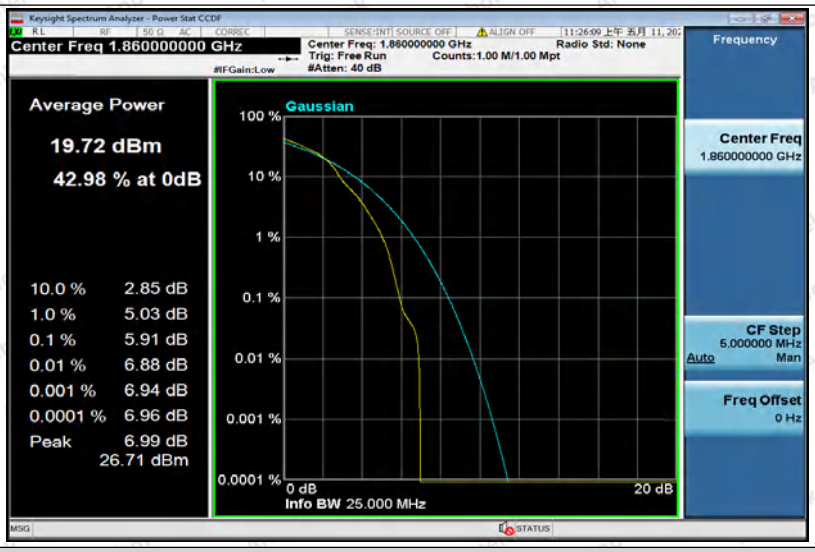
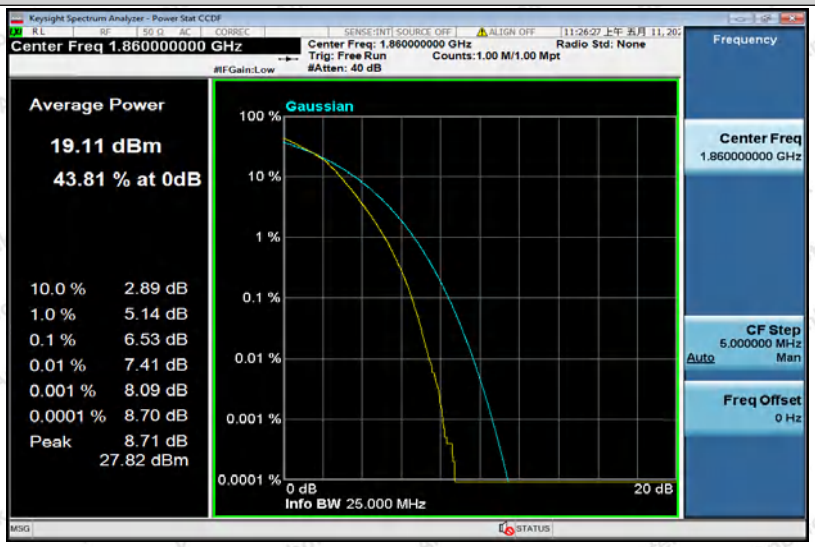


Band2-20MHz-16QAM-18700-100RB#0



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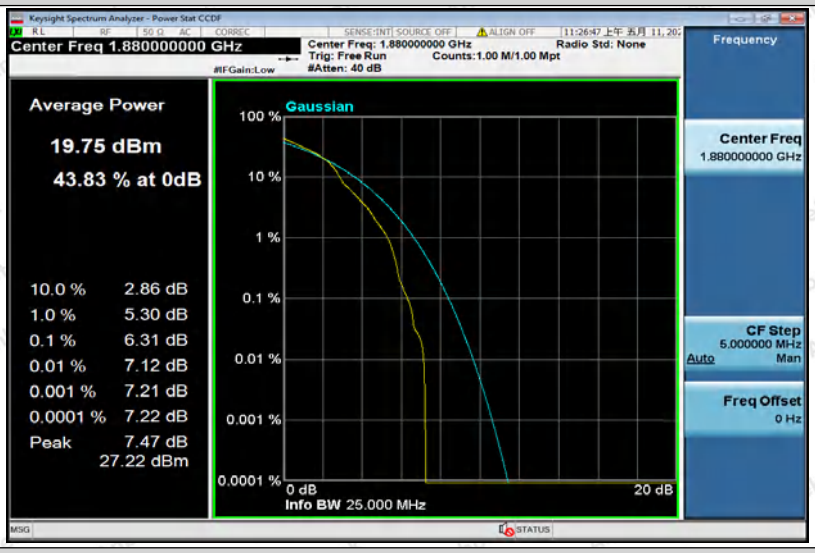

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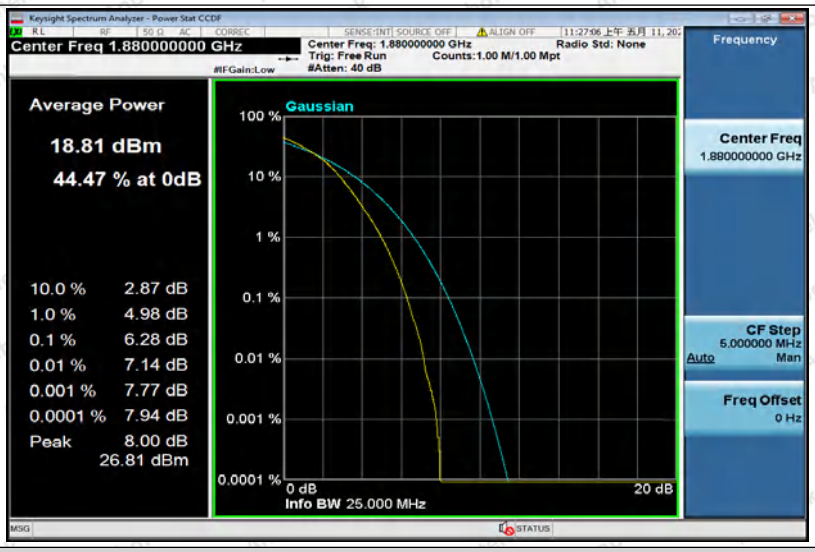

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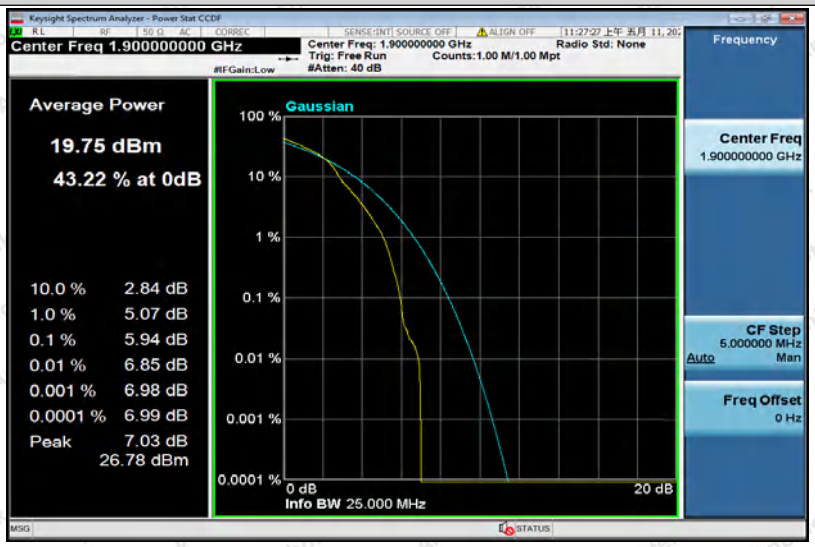

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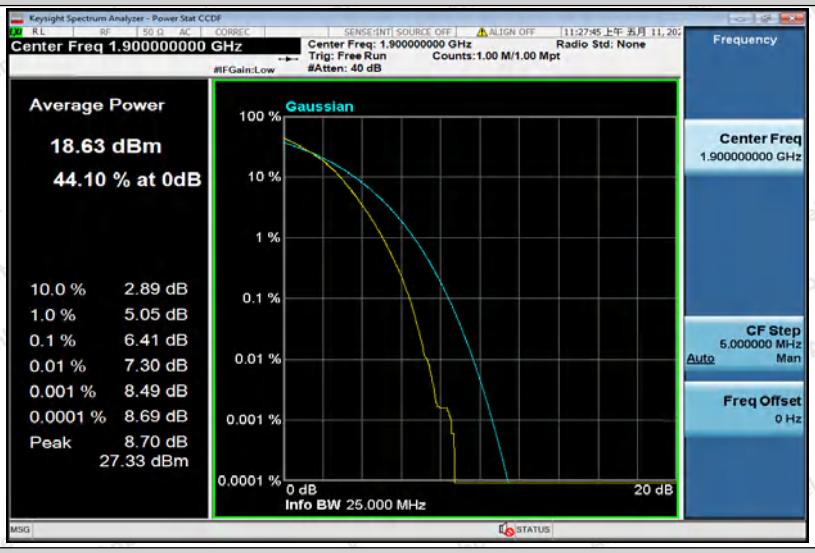

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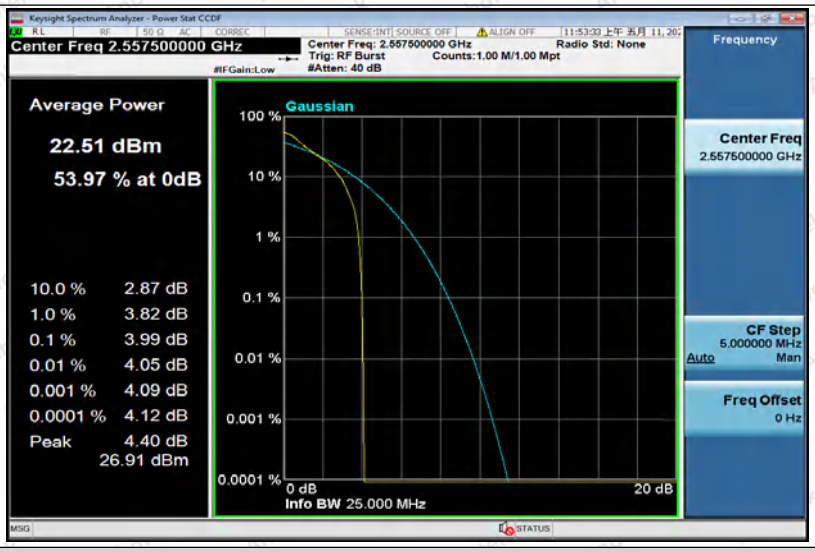

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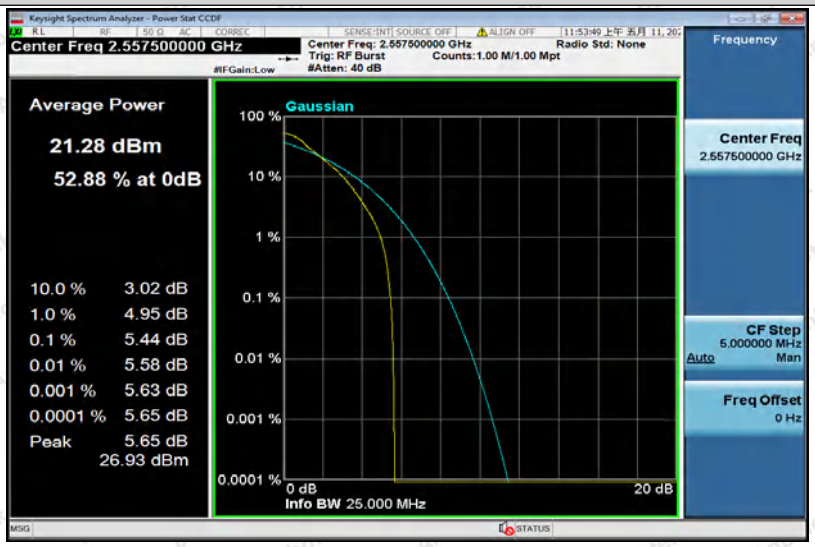

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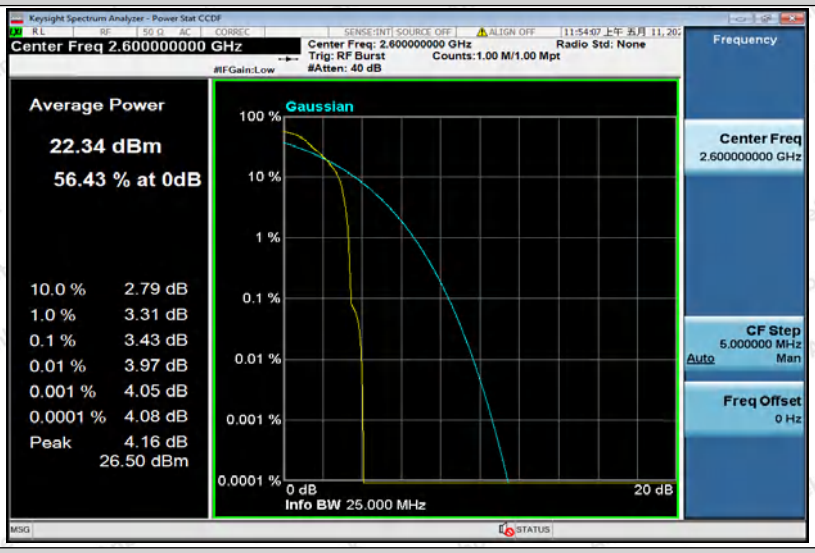

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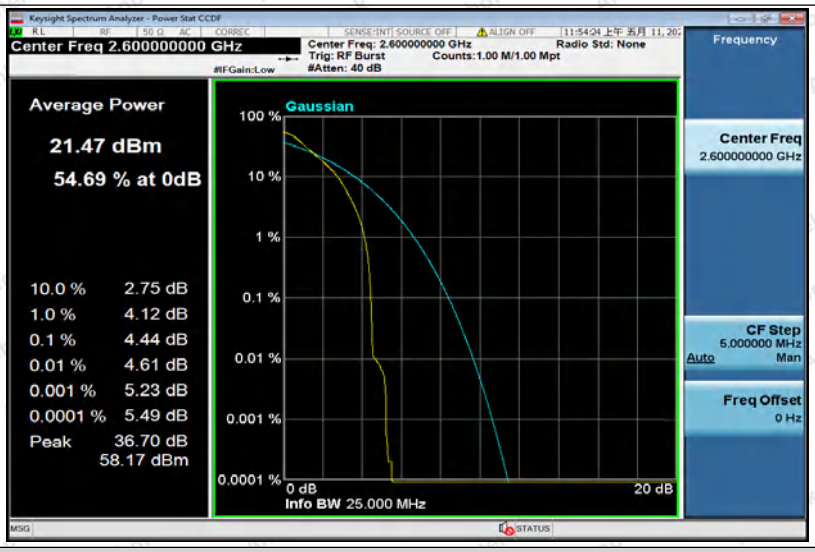

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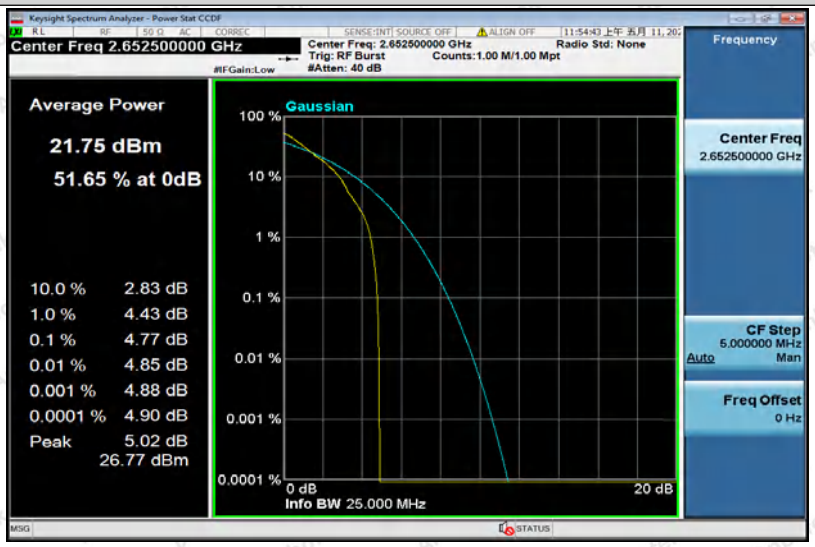

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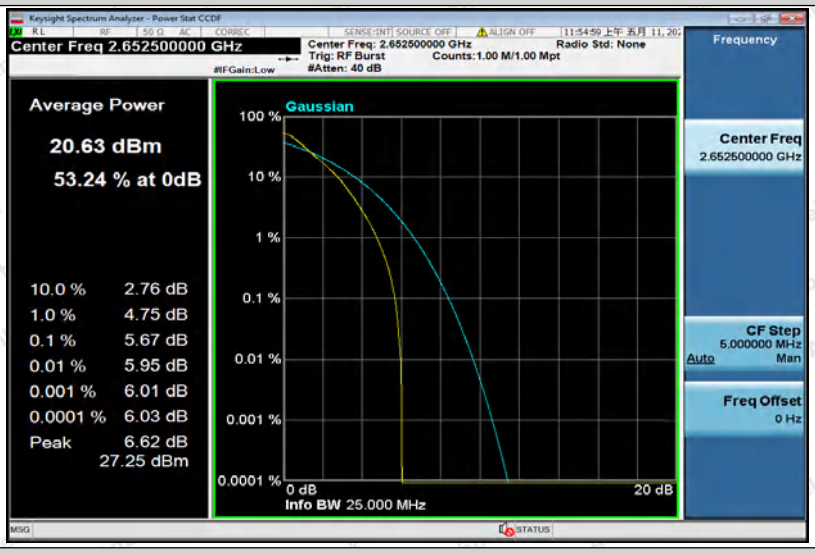

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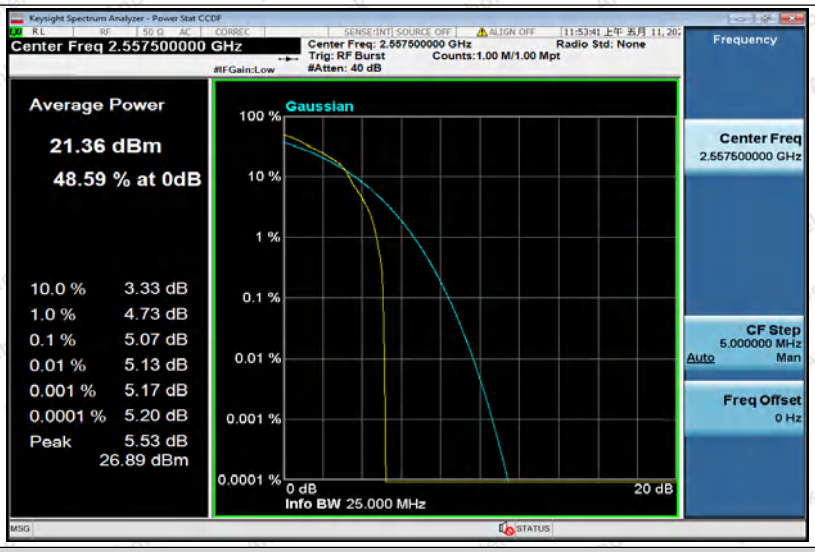

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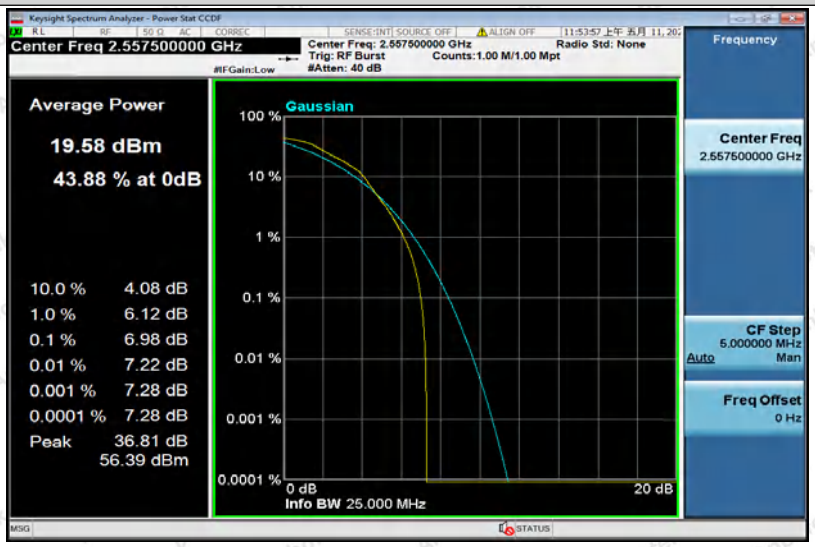

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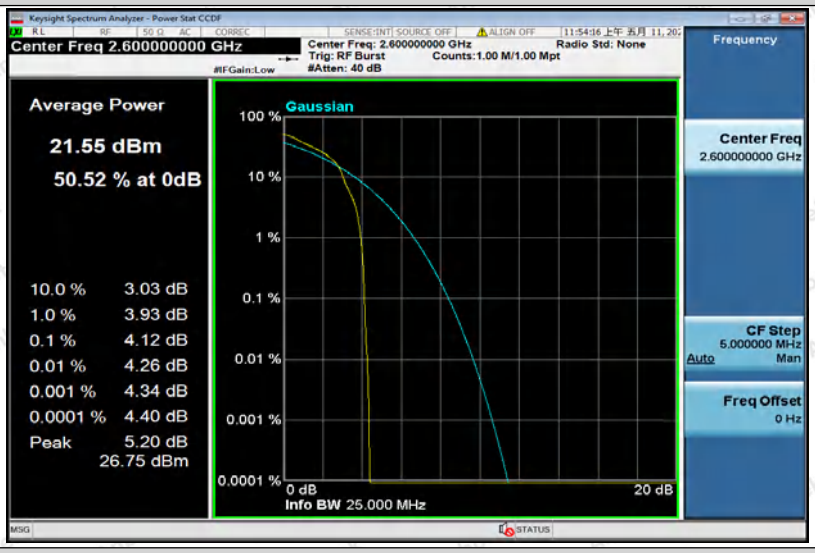

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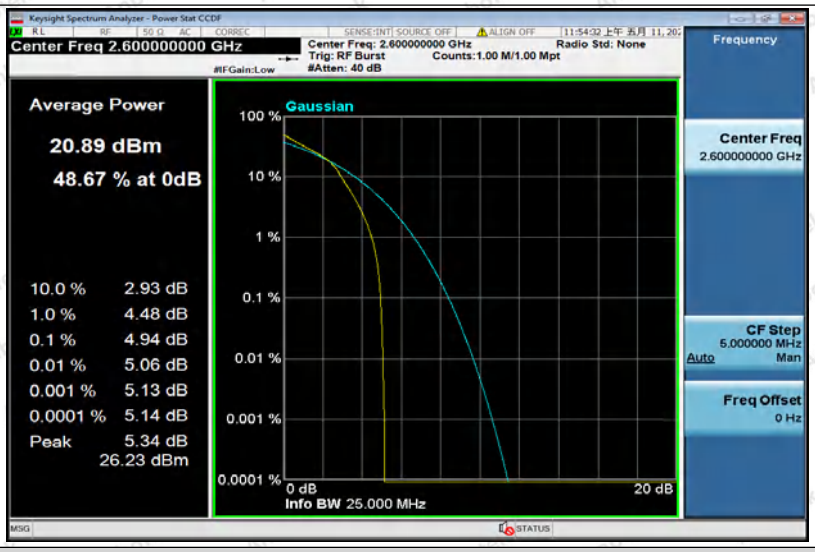

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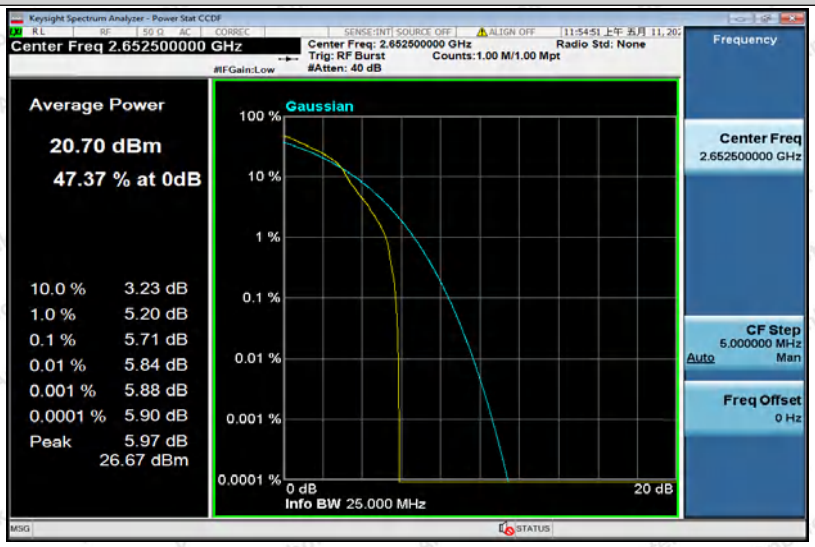

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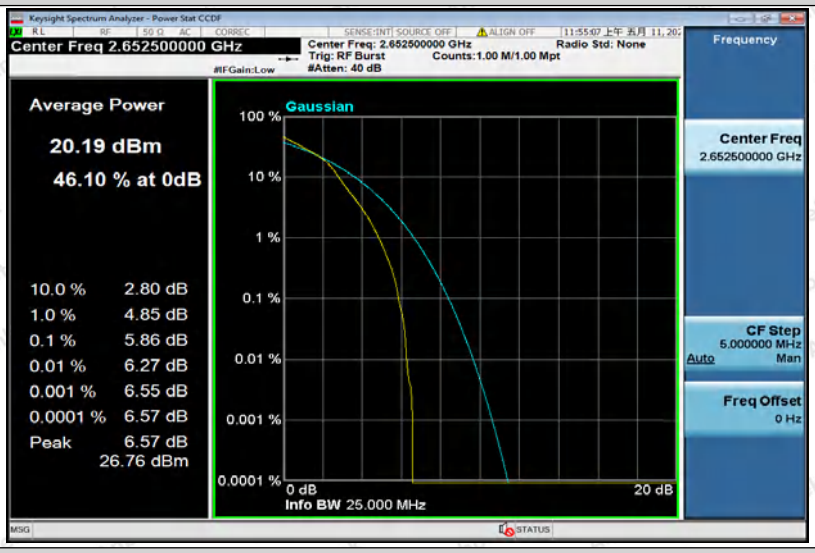

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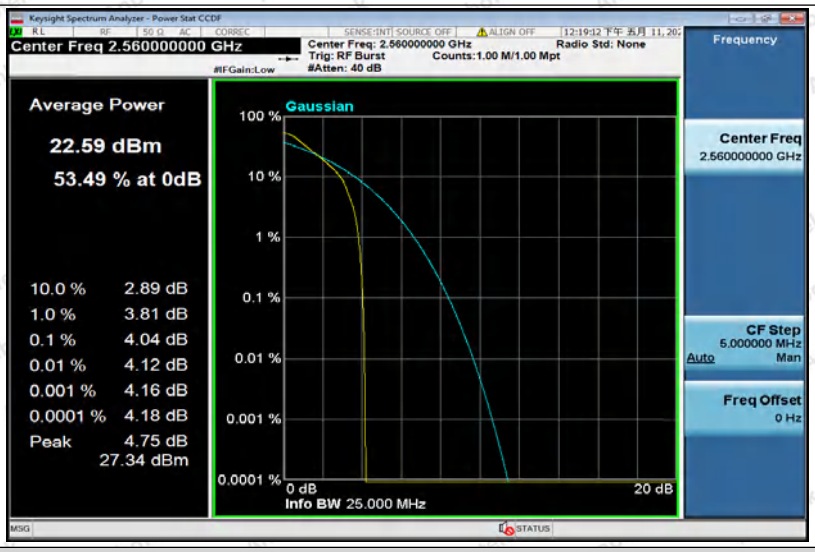

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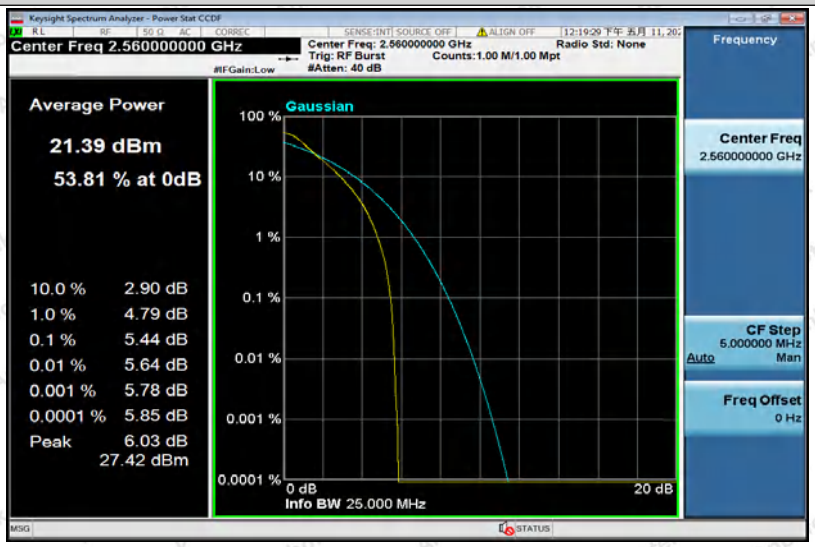

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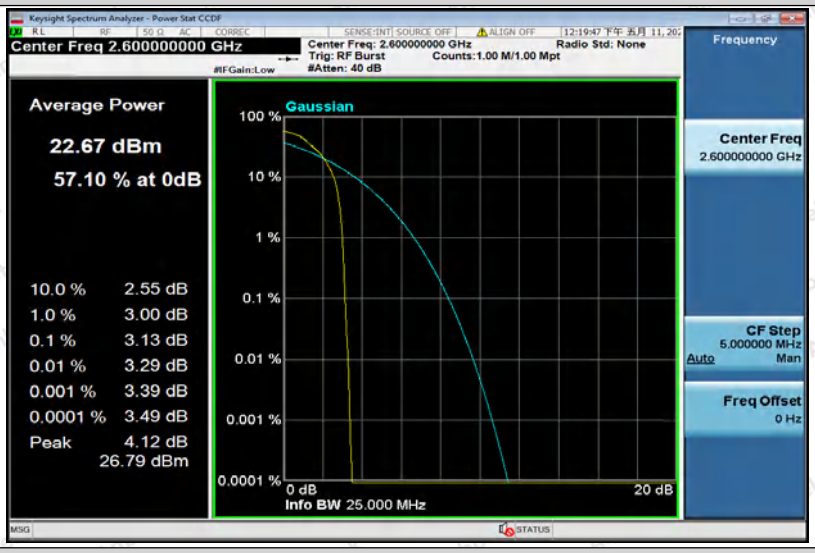

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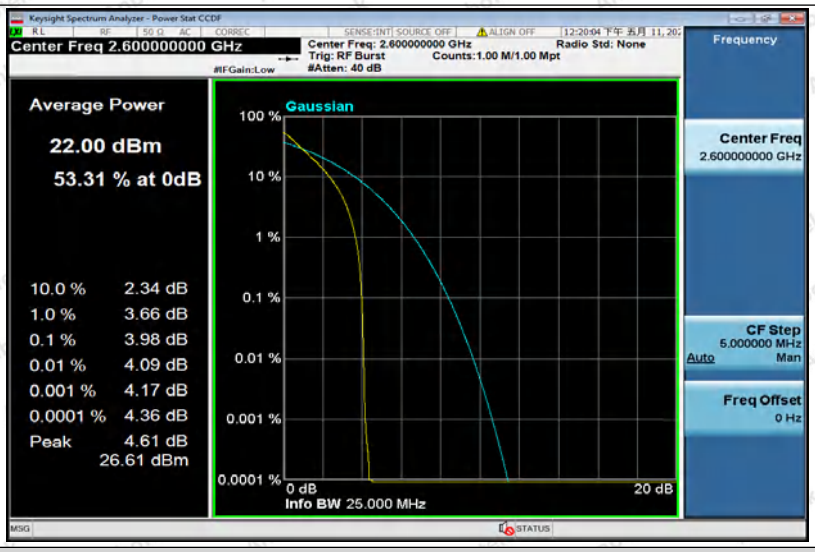

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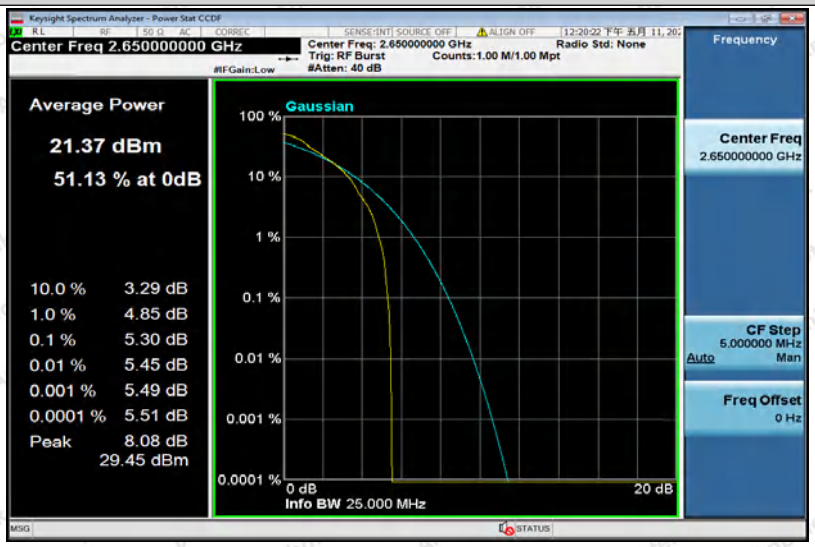

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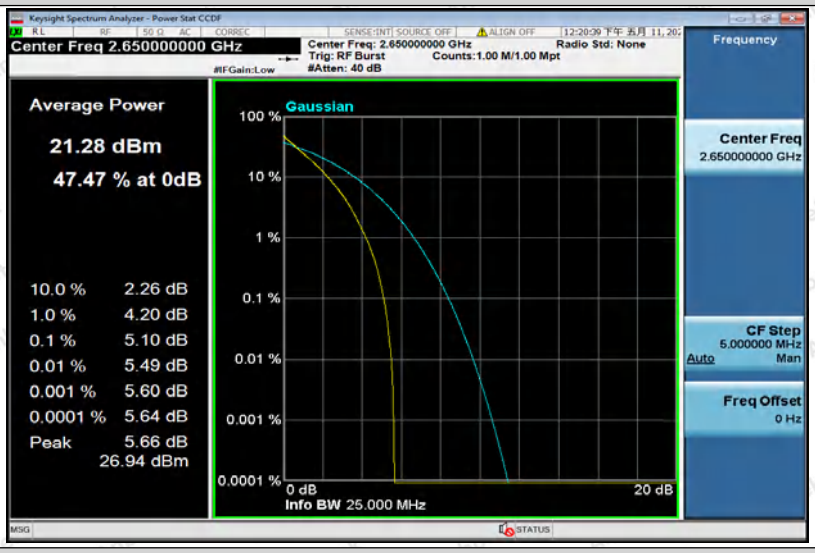

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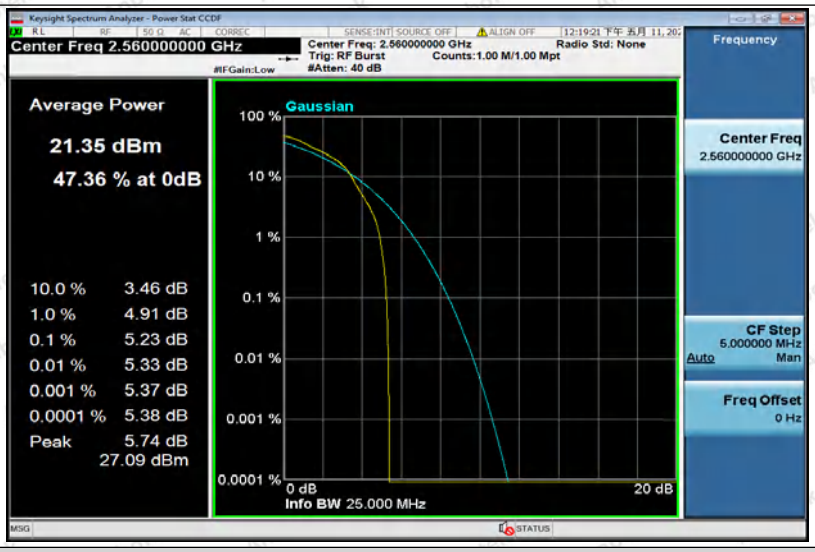

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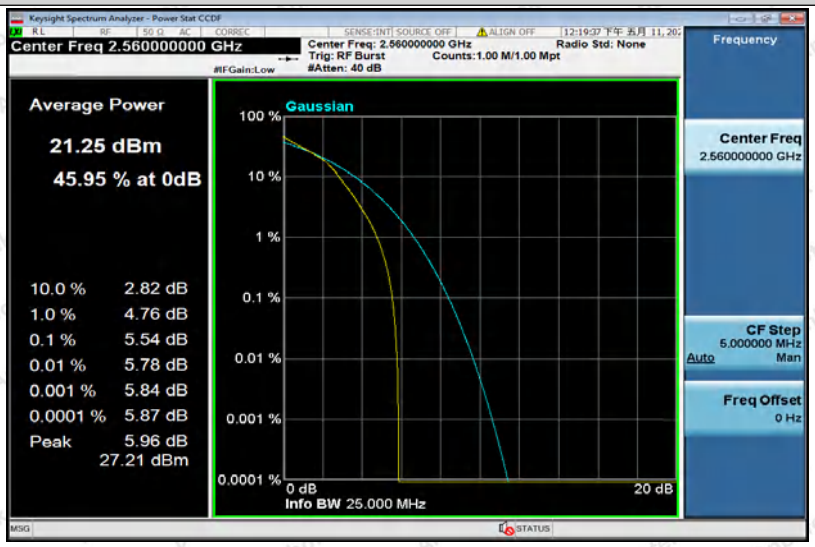

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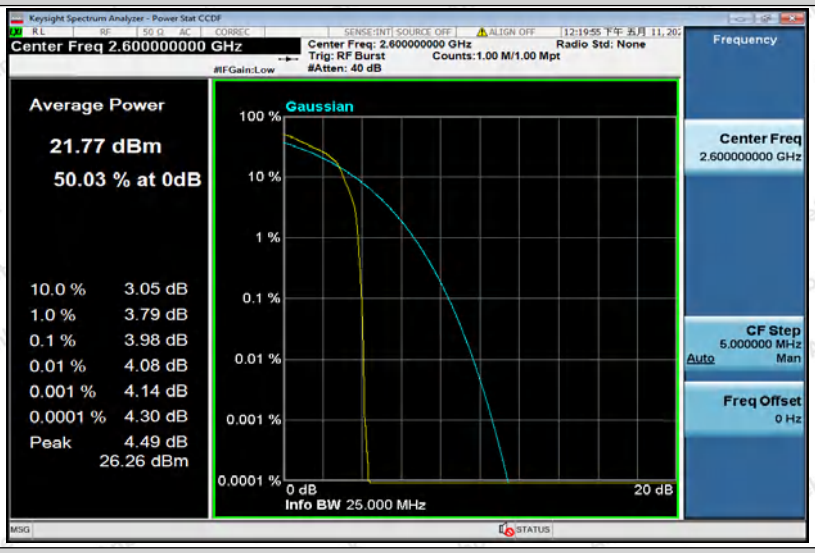

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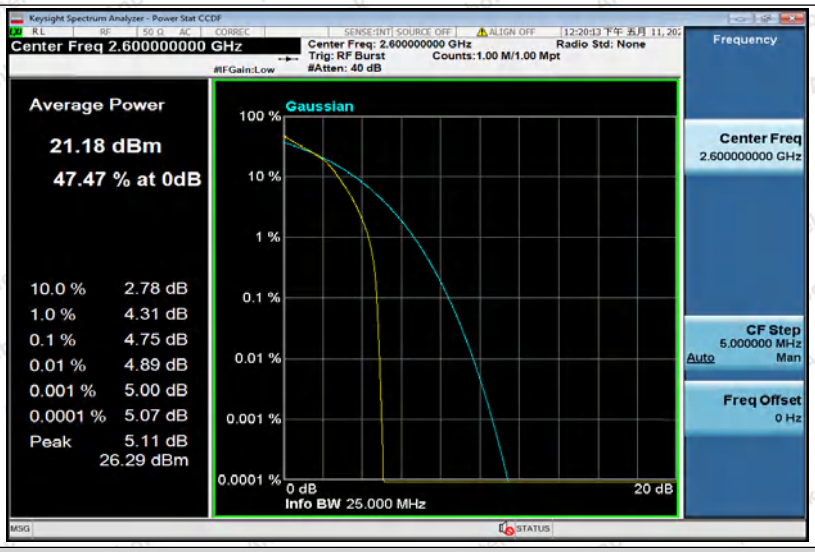

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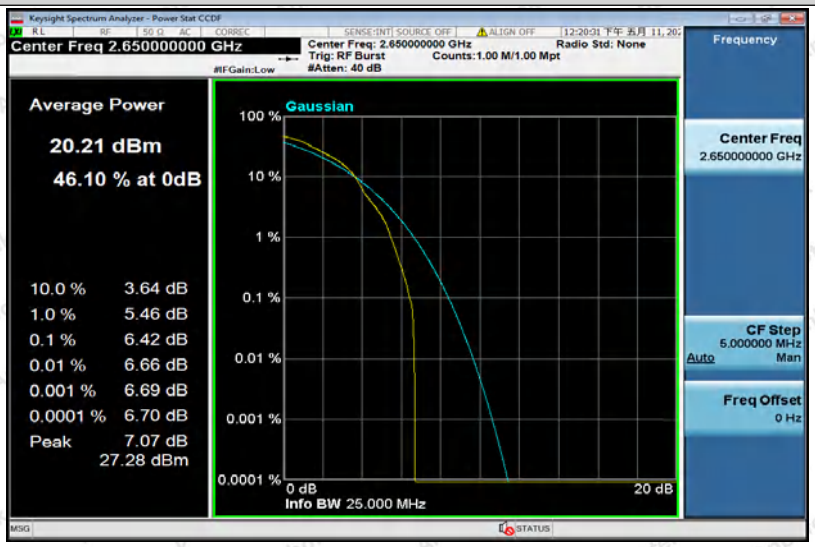

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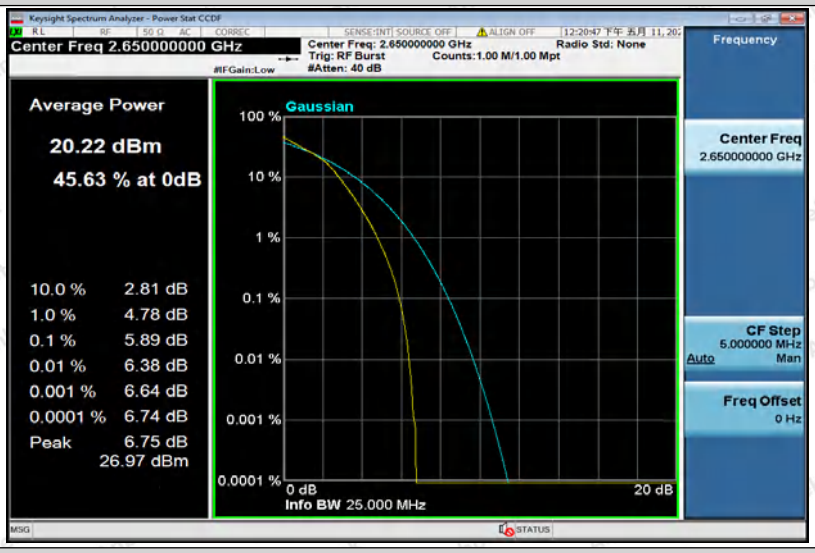

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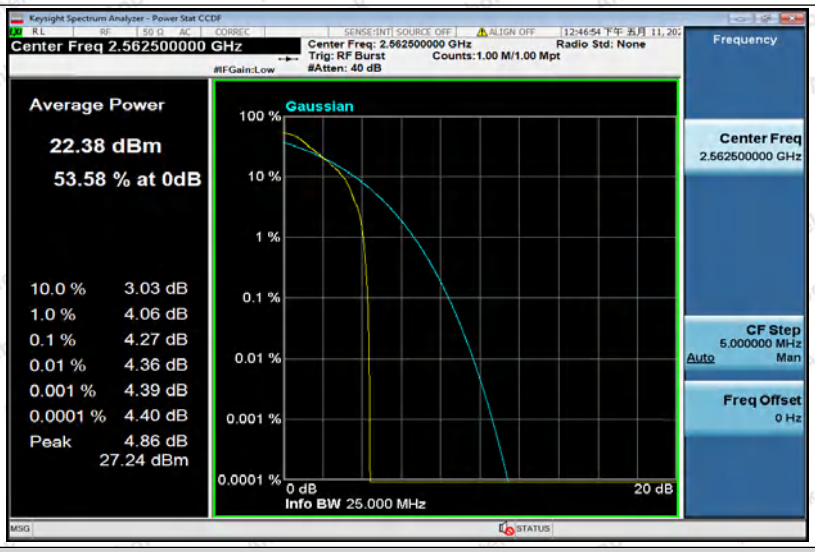

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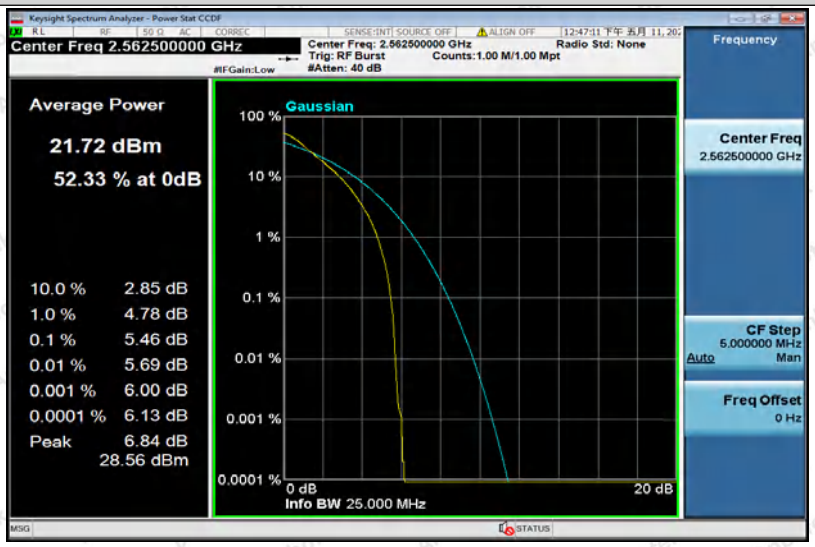

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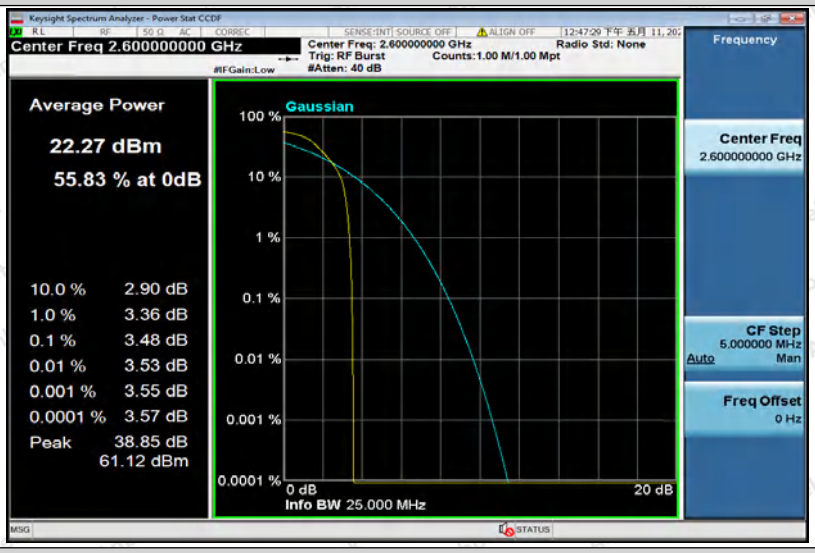

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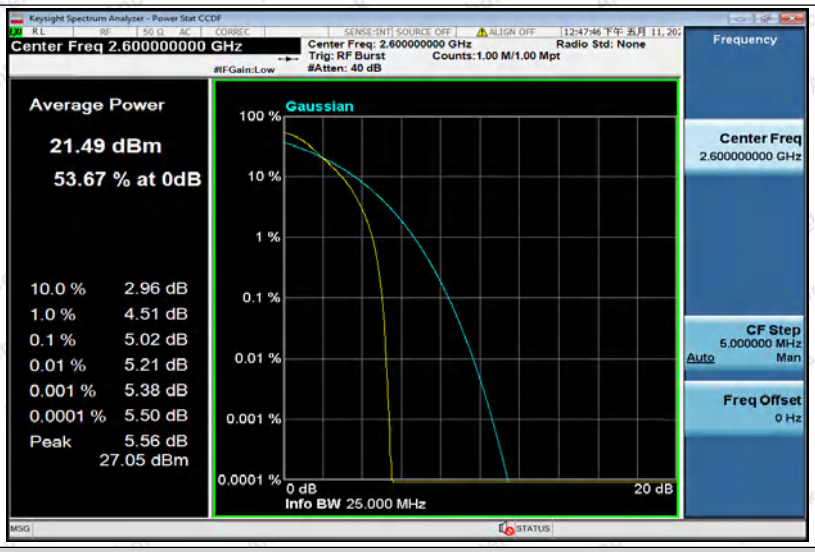

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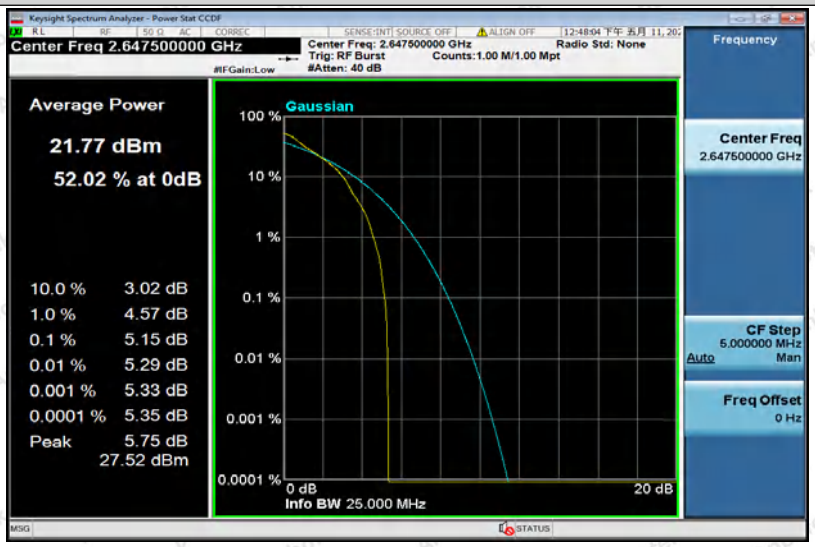

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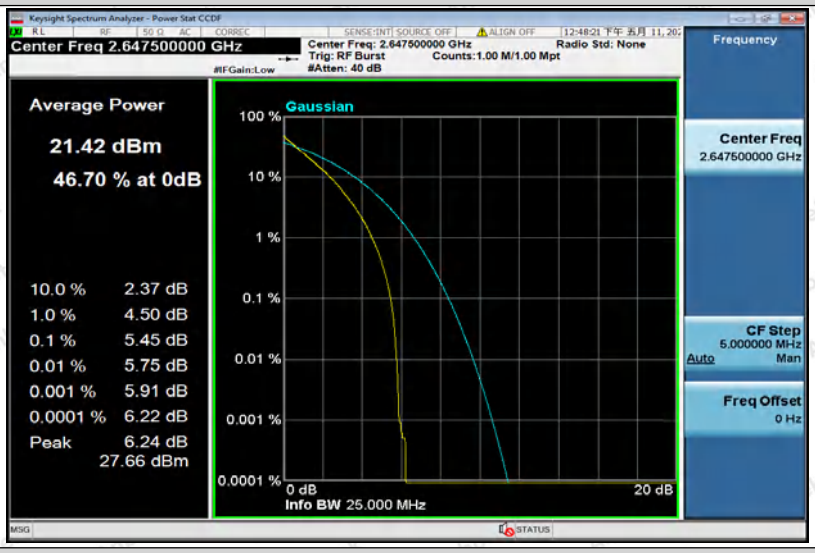

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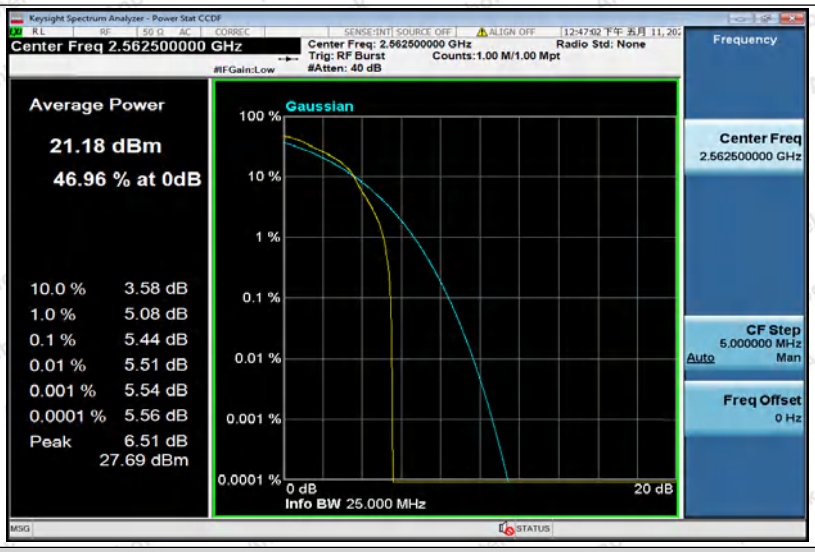

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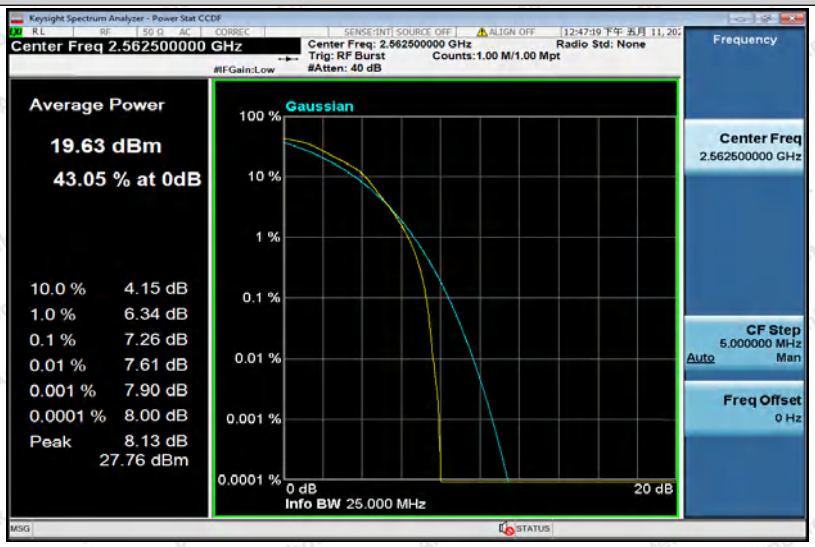

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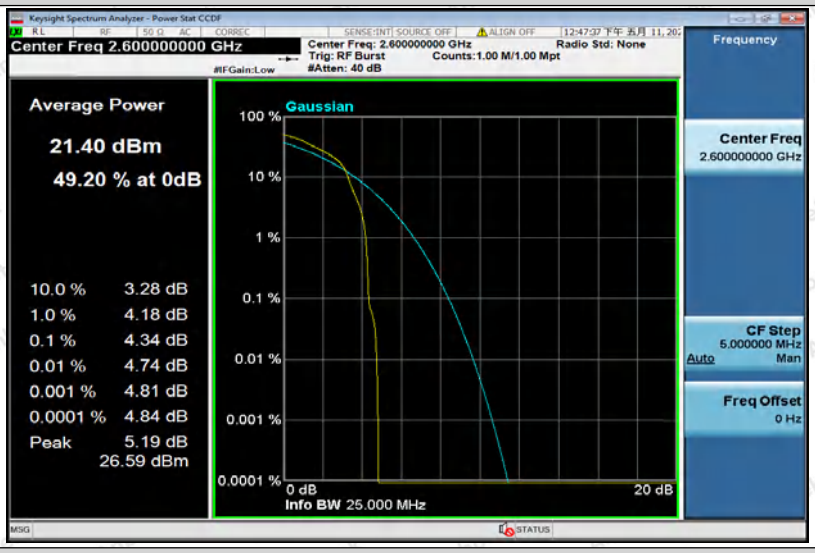

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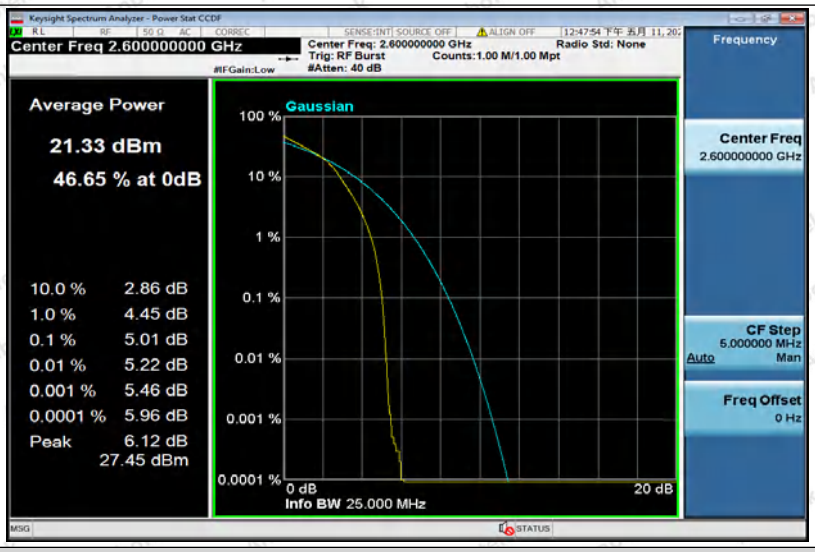

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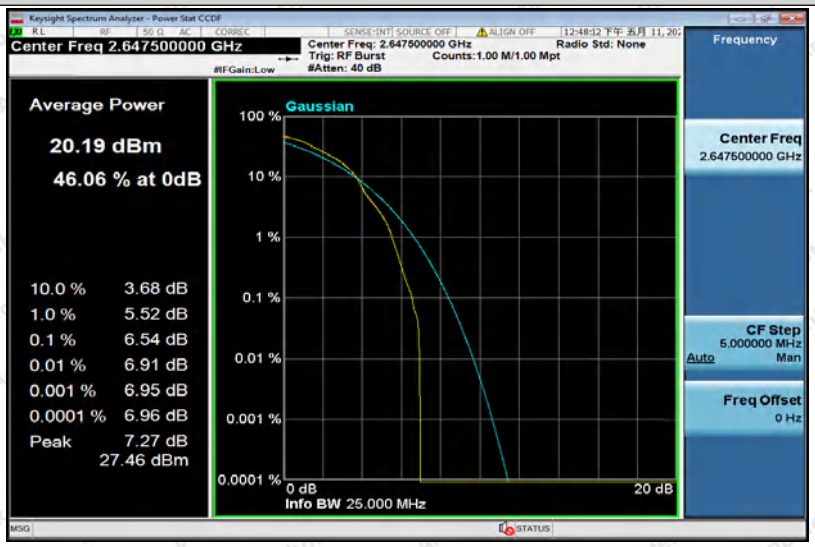

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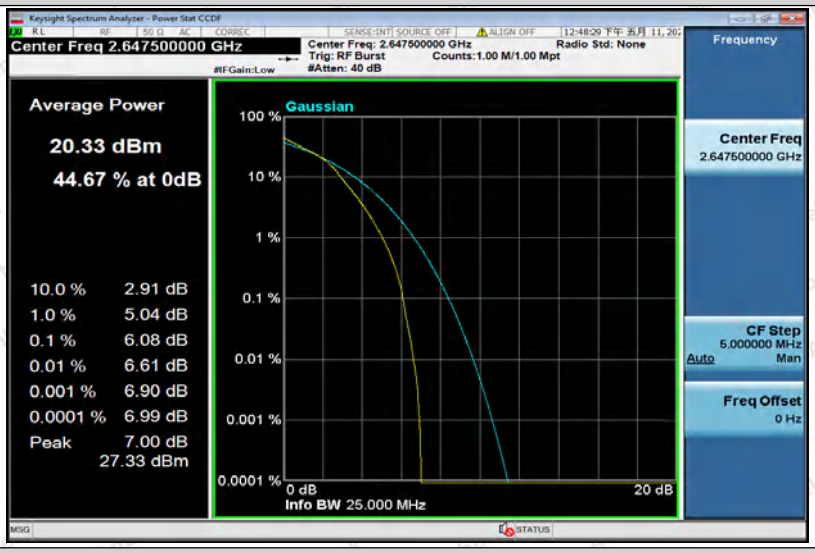

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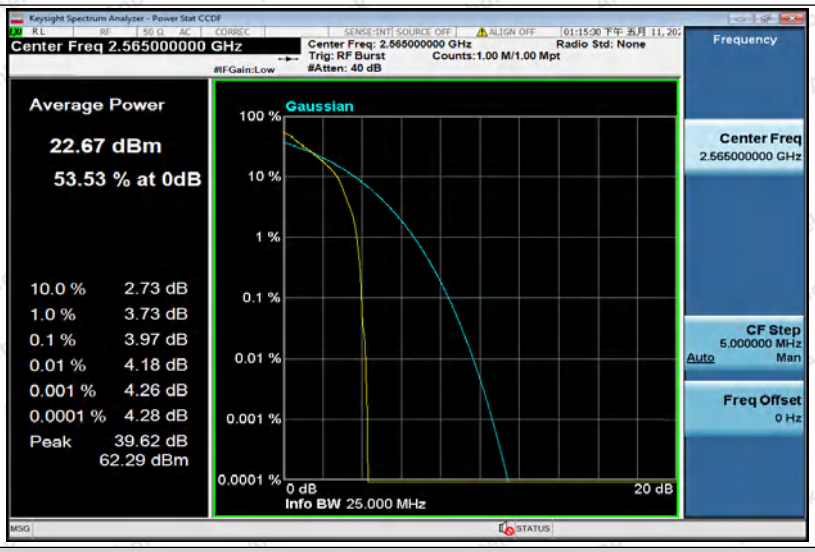

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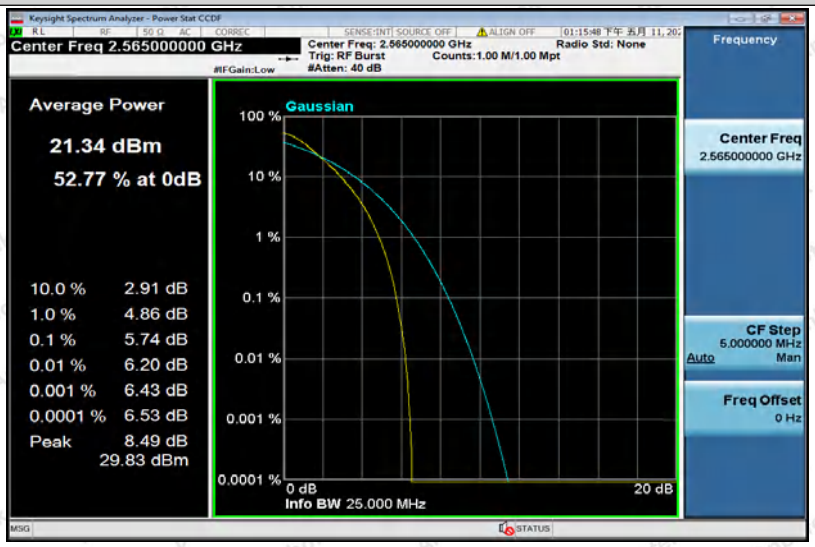

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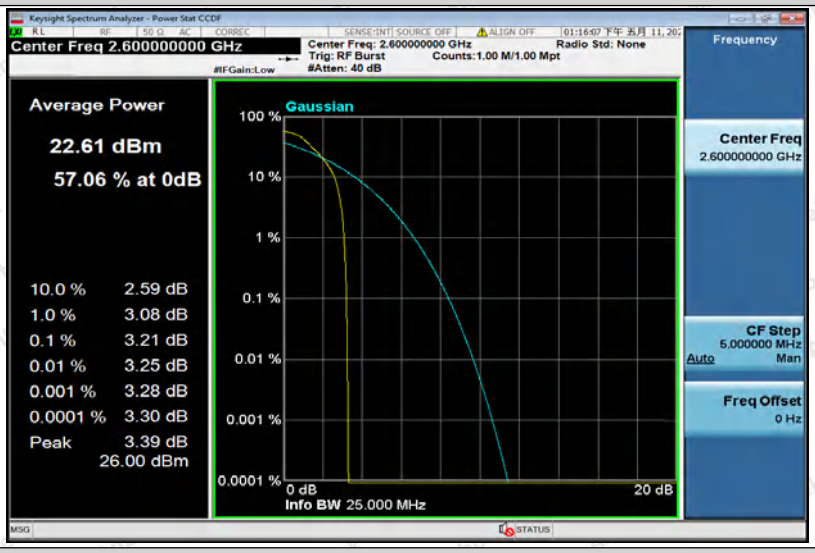

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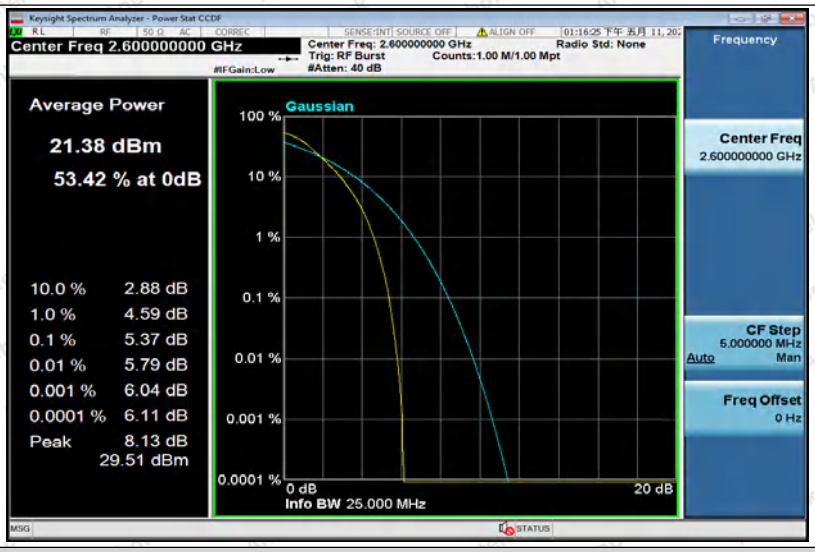

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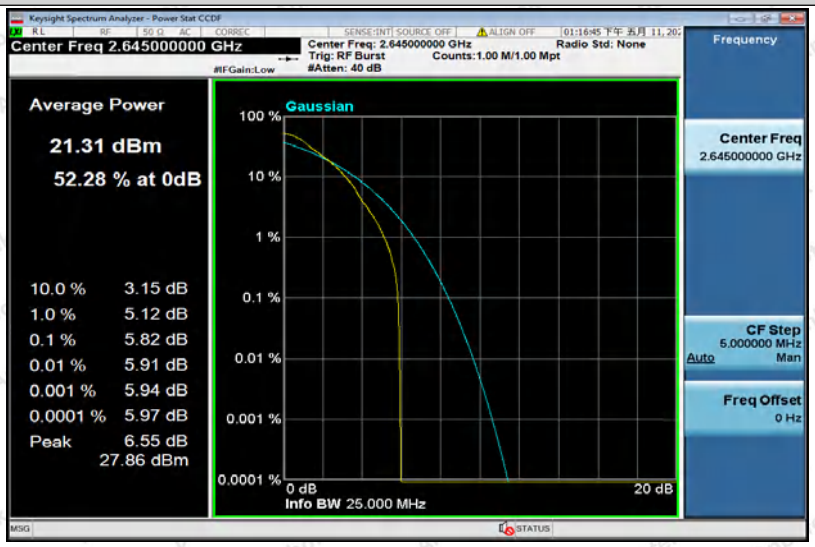

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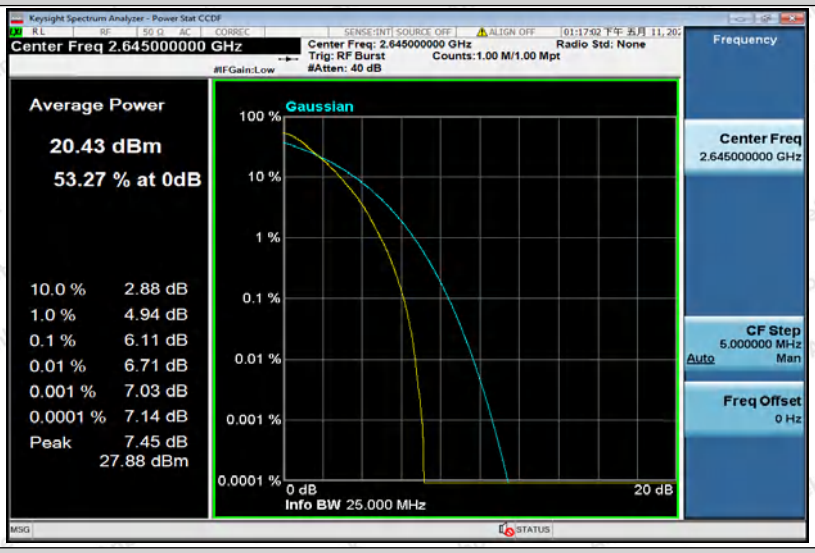

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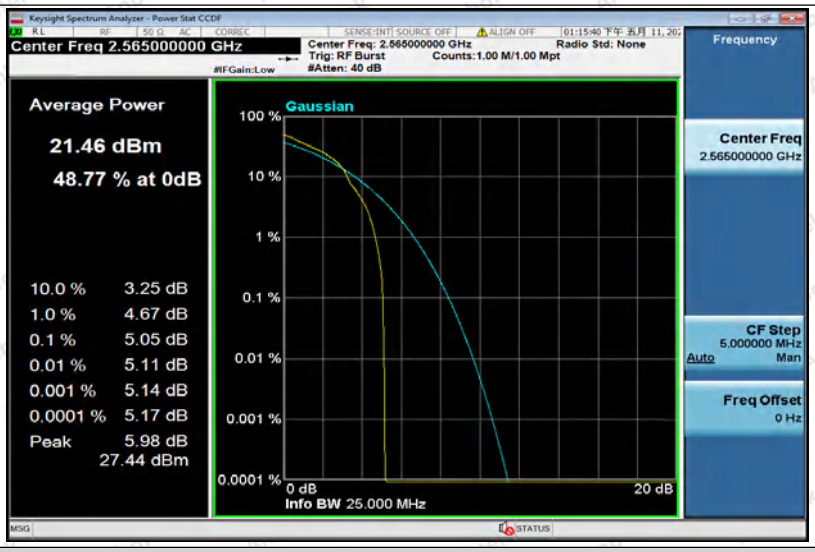

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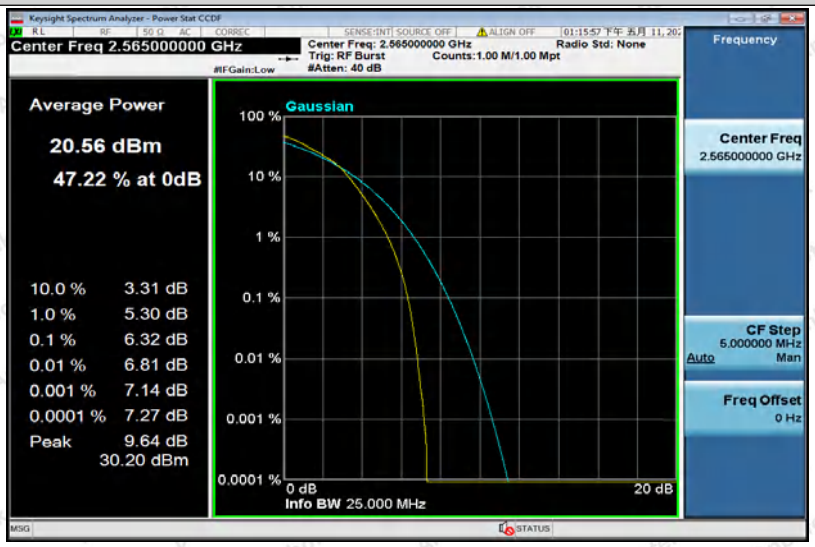

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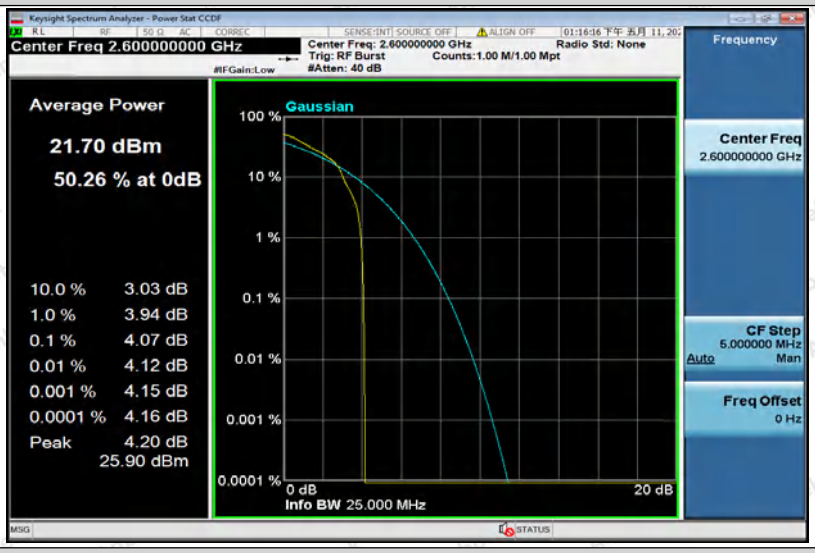
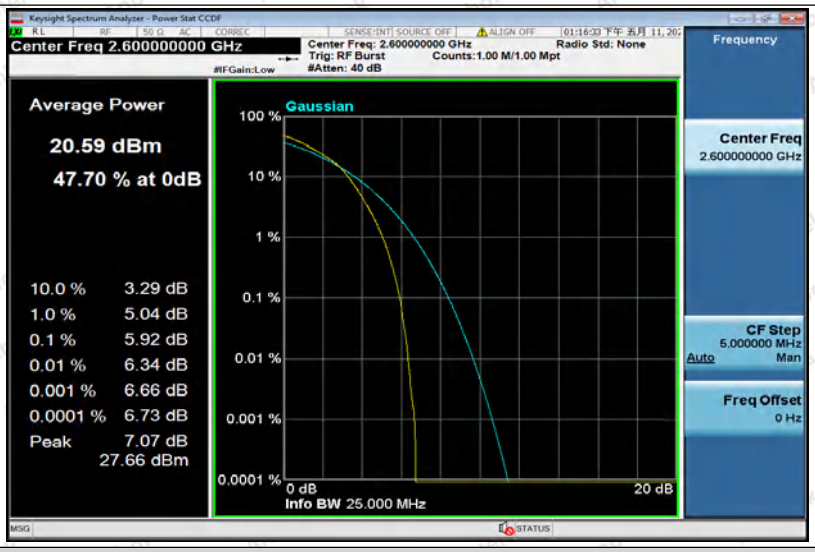
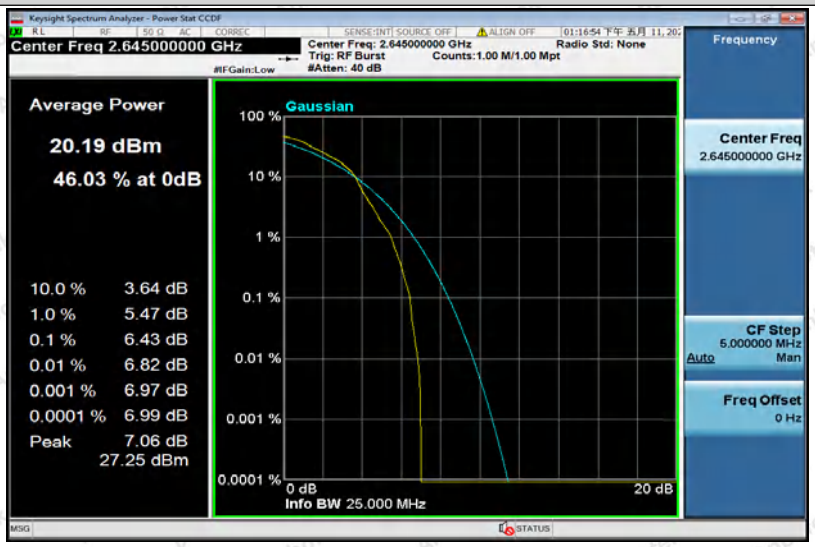


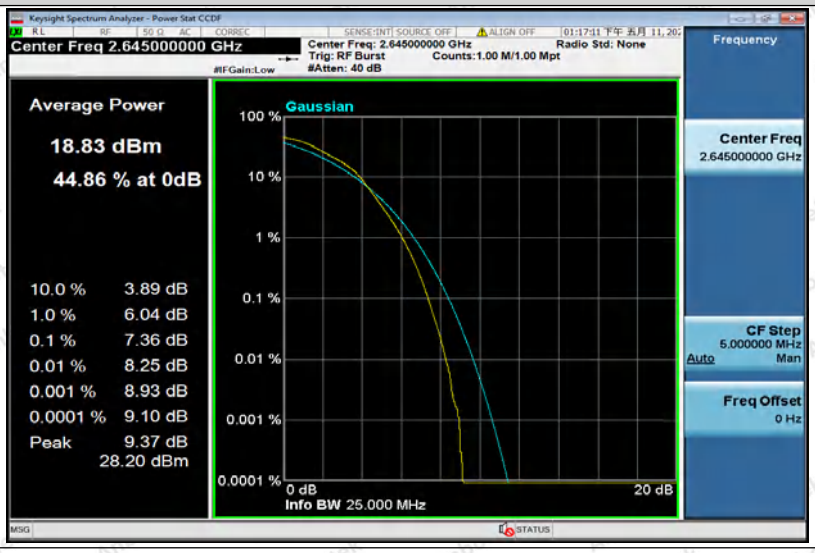
Band41-20MHz-16QAM-40690-100RB#0



Band41-20MHz-16QAM-41140-1RB#0



Band41-20MHz-16QAM-41140-100RB#0



5. Modulation Characteristic

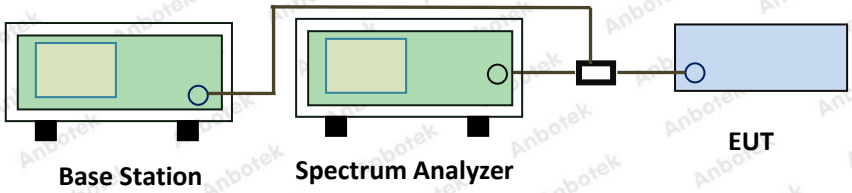
According to FCC § 2.1047(d), Part 22H, Part 24E& Part 27 there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

6. Occupied Bandwidth

6.1. Test Standard and Limit

Spec	Item	Requirement
§2.1049, §22.917, §22.905 §24.238 §27.53(a)	a)	99% Occupied Bandwidth(kHz)
	b)	26 dB Bandwidth(kHz)

6.2. Test Setup



6.3. Test Procedure

1. The EUT's output RF connector was connected with a short cable to the spectrum analyzer
2. RBWwas set to about 1% of emission BW, VBW= 3 times RBW.
3. -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth isthe delta frequency between the two points where the display line intersects the signal trace.

6.4. Test Data

WCDMA Mode：

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Verdict
Band II	9262	4166.5	4710	PASS
Band II	9400	4171.3	4718	PASS
Band II	9538	4166.0	4700	PASS
Band V	4132	4151.7	4698	PASS
Band V	4182	4156.1	4693	PASS
Band V	4233	4177.7	4702	PASS

LTE Mode：

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0882	1.235	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0907	1.264	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0882	1.232	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0888	1.253	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0878	1.251	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0879	1.266	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6903	2.859	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6913	2.857	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6793	2.867	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6854	2.852	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6890	2.857	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6849	2.835	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5060	4.969	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4995	4.925	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5036	5.010	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5115	4.929	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4981	4.981	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5067	4.986	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9911	9.557	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9703	9.557	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9644	9.543	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9804	9.578	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9701	9.566	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9531	9.524	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.505	14.33	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.444	14.31	PASS

Band2	15MHz	QPSK	19125	75RB#0	13.437	14.32	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.495	14.31	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.432	14.28	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.416	14.26	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.009	19.01	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.891	18.99	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.918	18.97	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.010	19.03	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.898	18.96	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.916	18.95	PASS
Band41	5MHz	QPSK	40265	25RB#0	4.5028	4.975	PASS
Band41	5MHz	QPSK	40690	25RB#0	4.5086	4.933	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.5104	4.854	PASS
Band41	5MHz	16QAM	40265	25RB#0	4.5029	4.917	PASS
Band41	5MHz	16QAM	40690	25RB#0	4.5035	4.942	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.4952	4.915	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.9952	9.546	PASS
Band41	10MHz	QPSK	40690	50RB#0	8.9940	9.623	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.9746	9.551	PASS
Band41	10MHz	16QAM	40290	50RB#0	8.9816	9.533	PASS
Band41	10MHz	16QAM	40690	50RB#0	8.9731	9.519	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.9790	9.535	PASS
Band41	15MHz	QPSK	40315	75RB#0	13.475	14.32	PASS
Band41	15MHz	QPSK	40690	75RB#0	13.496	14.45	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.468	14.27	PASS
Band41	15MHz	16QAM	40315	75RB#0	13.465	14.27	PASS
Band41	15MHz	16QAM	40690	75RB#0	13.482	14.35	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.454	14.32	PASS
Band41	20MHz	QPSK	40340	100RB#0	17.944	18.97	PASS
Band41	20MHz	QPSK	40690	100RB#0	17.963	19.02	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.920	18.96	PASS
Band41	20MHz	16QAM	40340	100RB#0	17.933	18.94	PASS
Band41	20MHz	16QAM	40690	100RB#0	17.964	19.01	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.891	18.93	PASS

Test Graphs

Band II_9262

Band II_9400

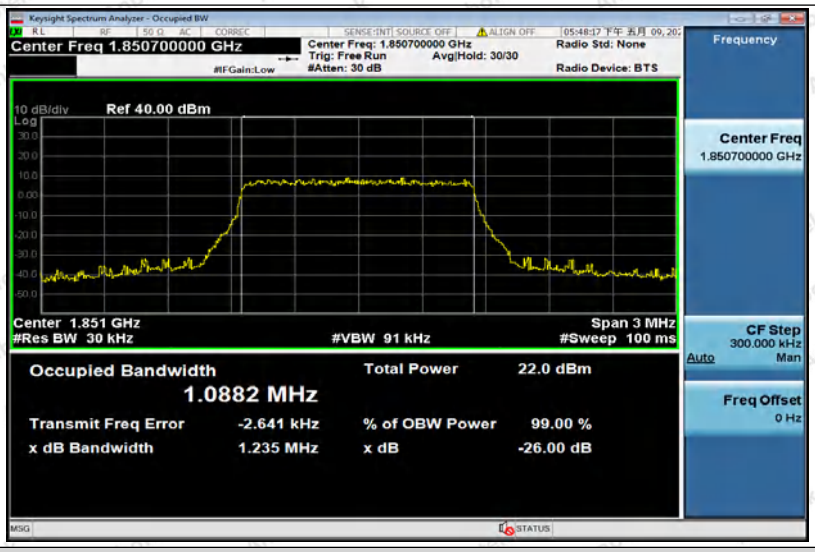
Band II_9538

Band V_4132

Band V_4182

Band V_4233

Band2-1.4MHz-QPSK-18607-6RB#0-1.0882



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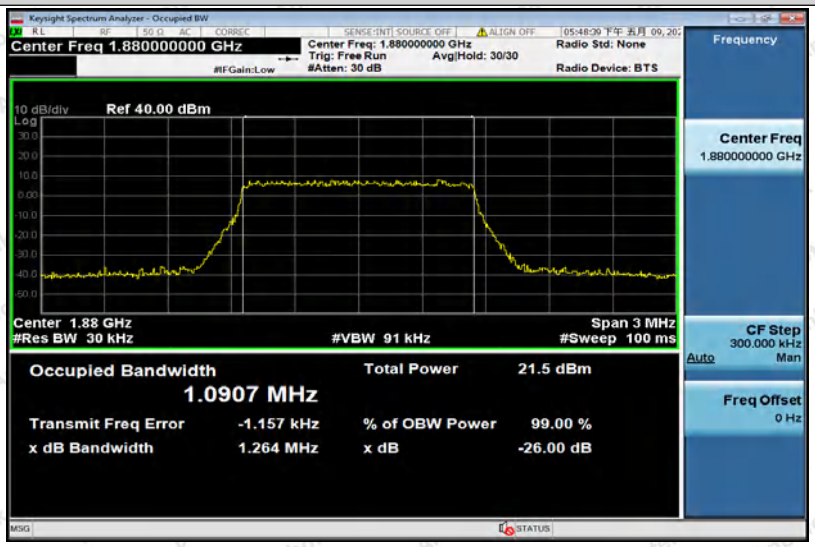

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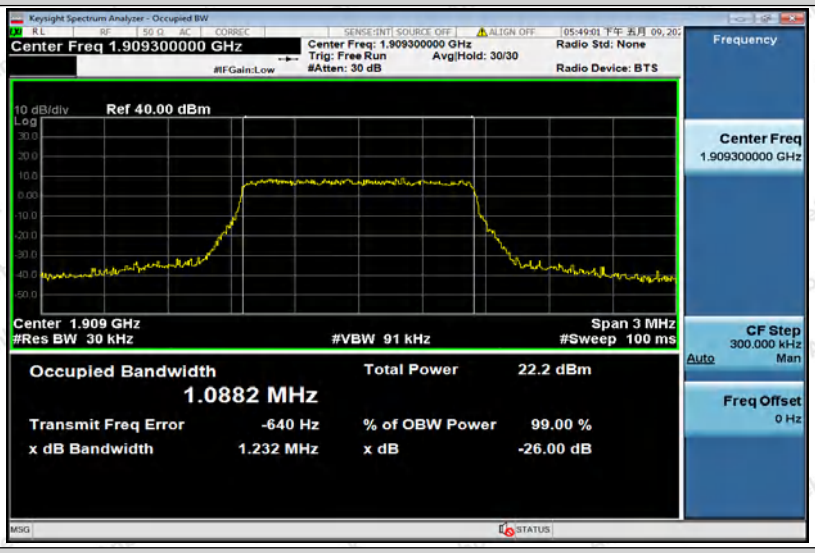

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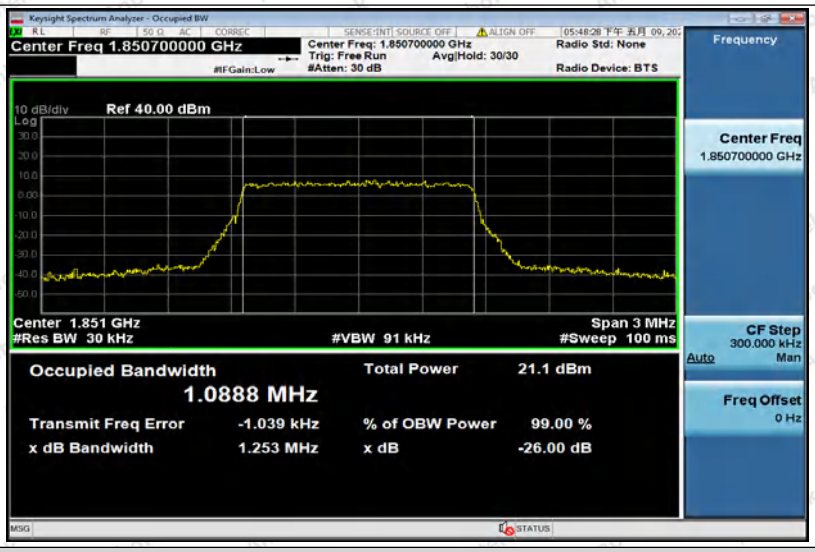

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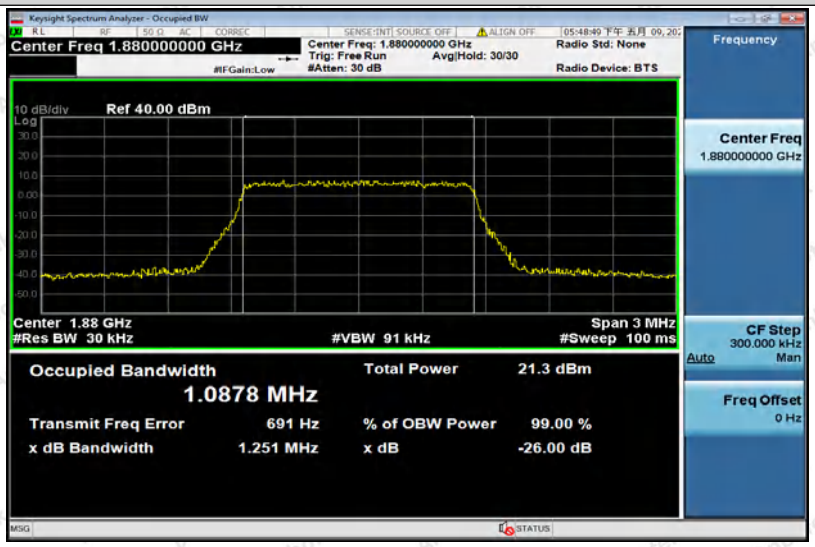

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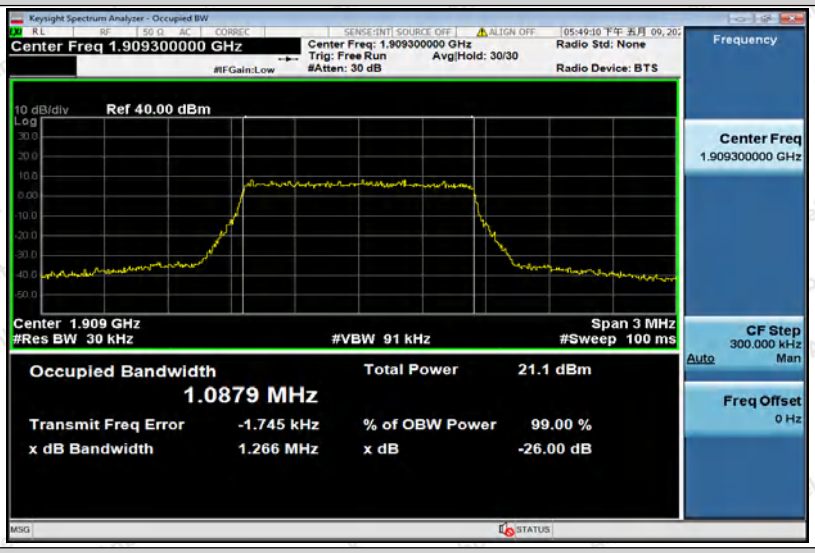
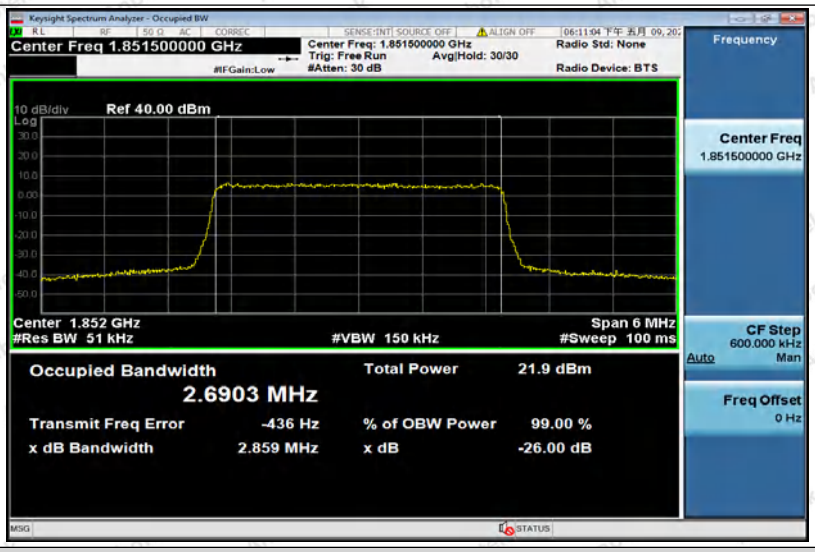


Band2-3MHz-QPSK-18615-15RB#0-2.6903



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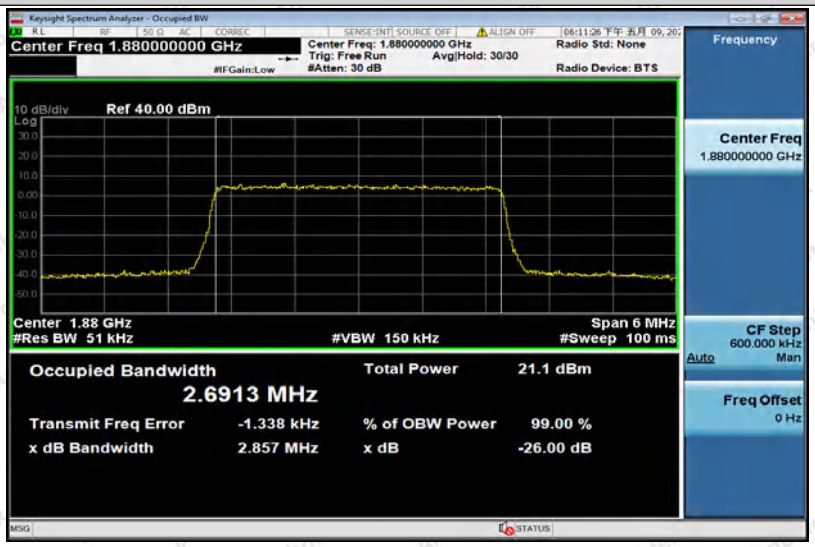

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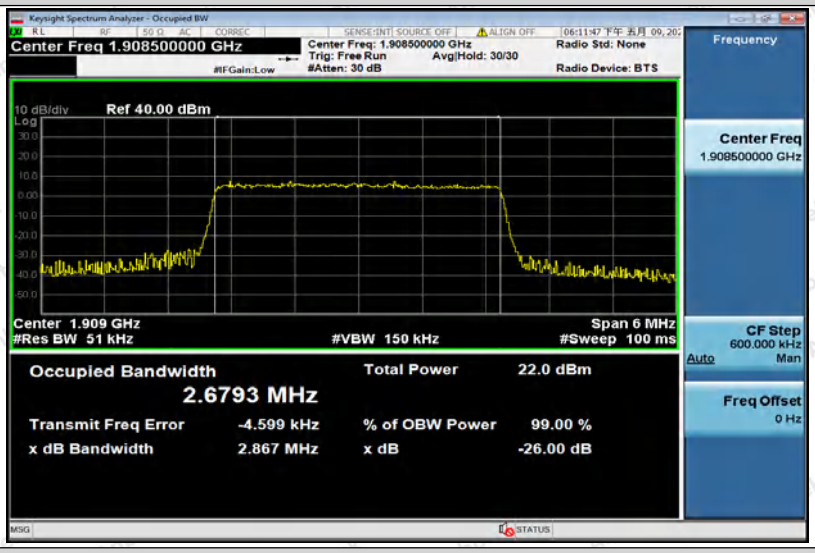

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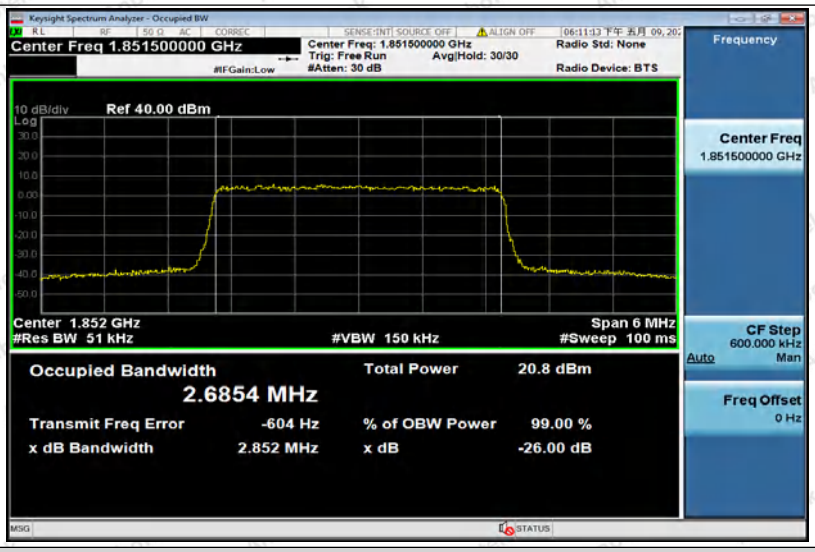

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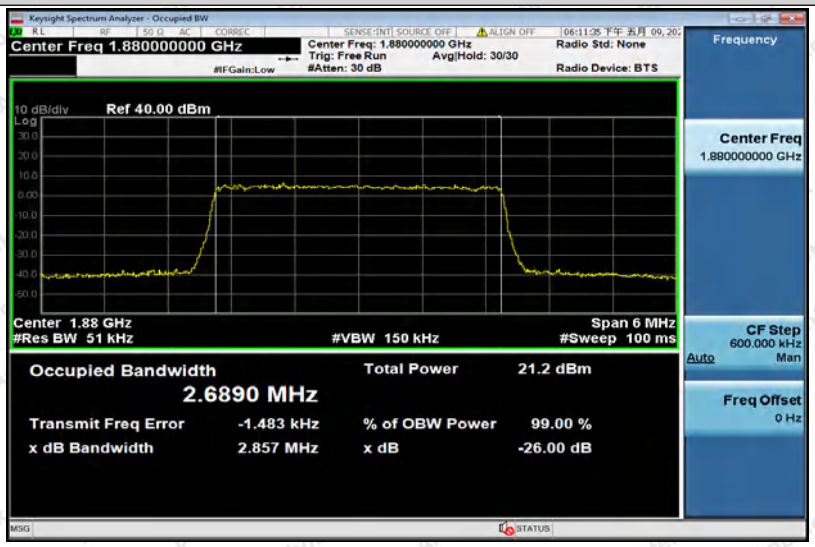

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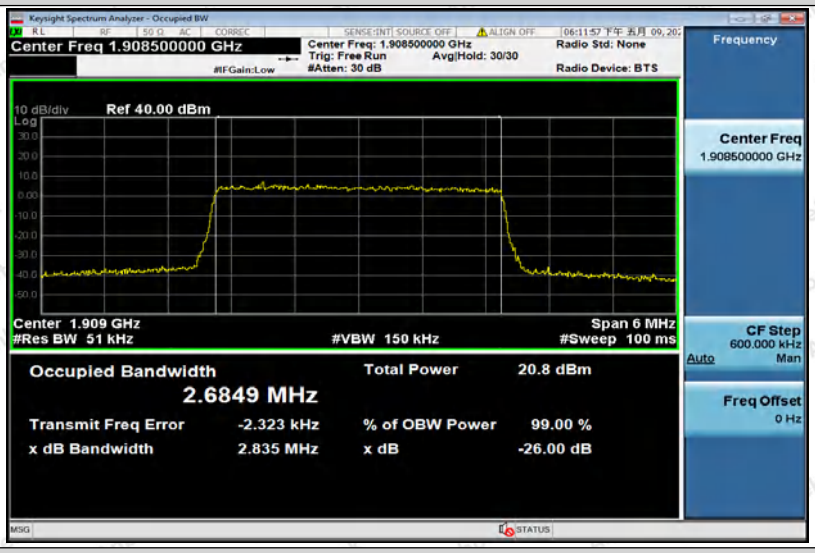
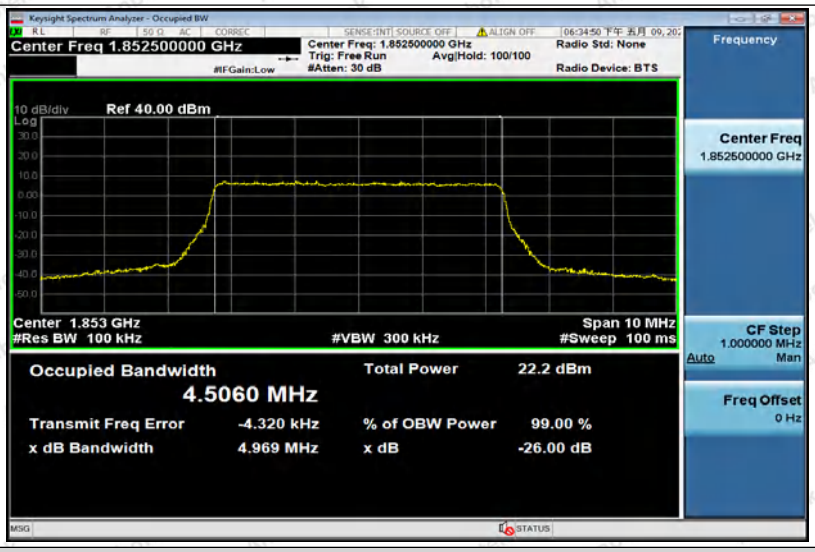


Band2-5MHz-QPSK-18625-25RB#0-4.5060



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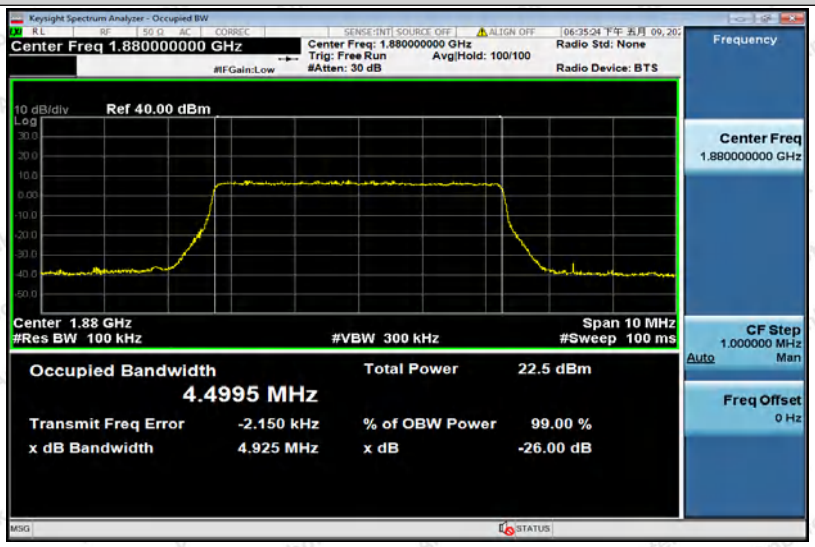

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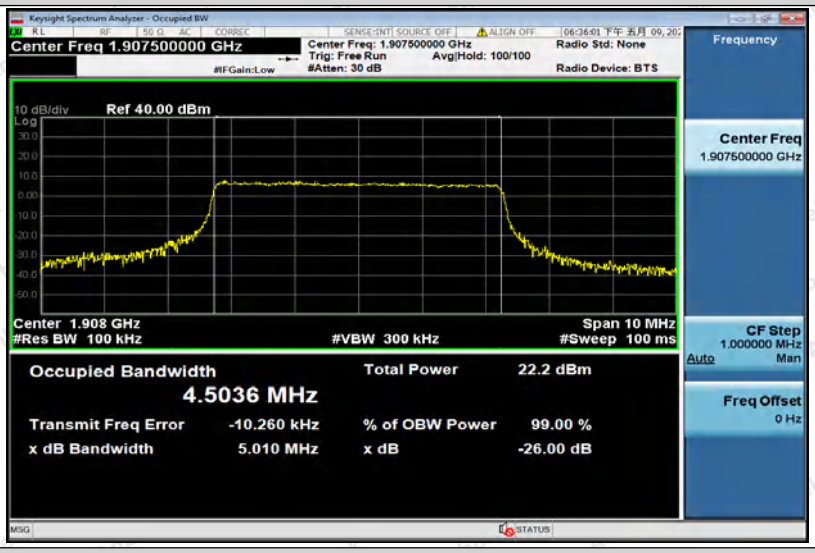

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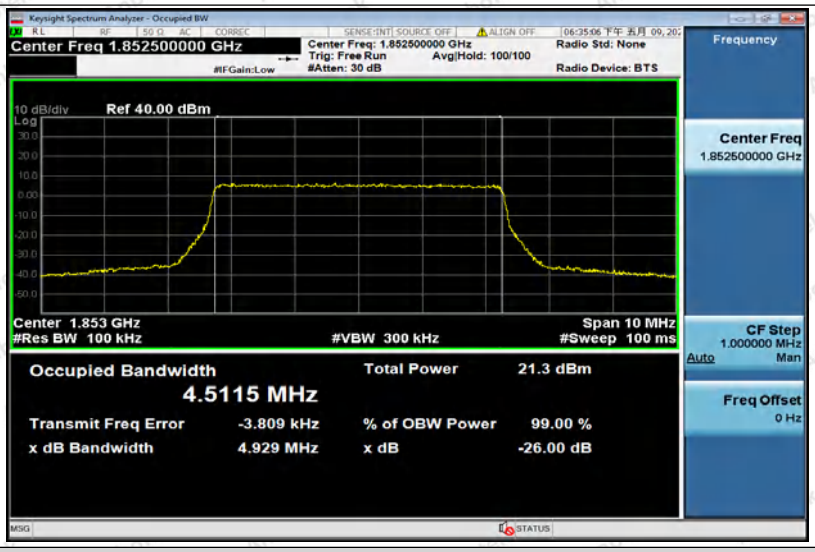

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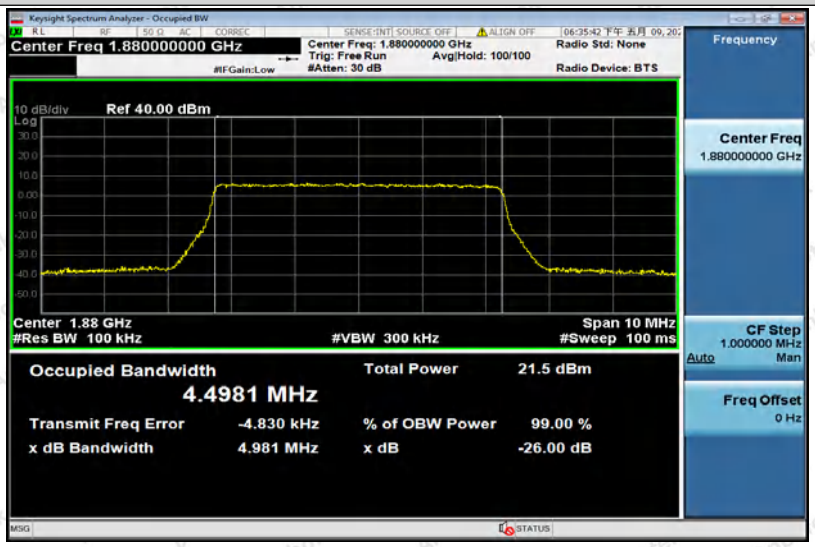

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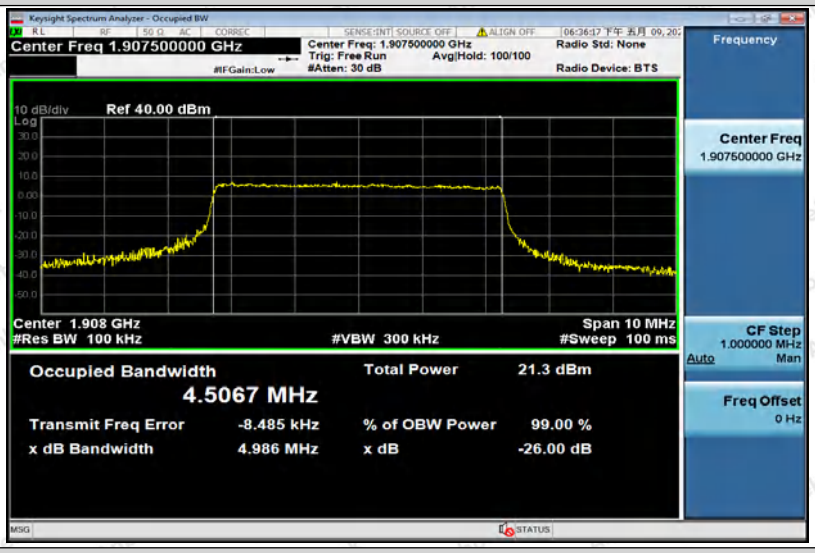

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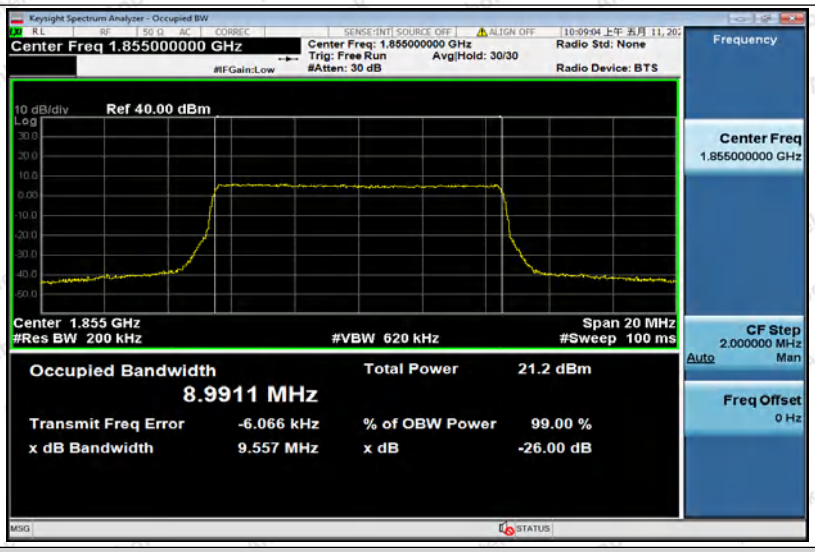

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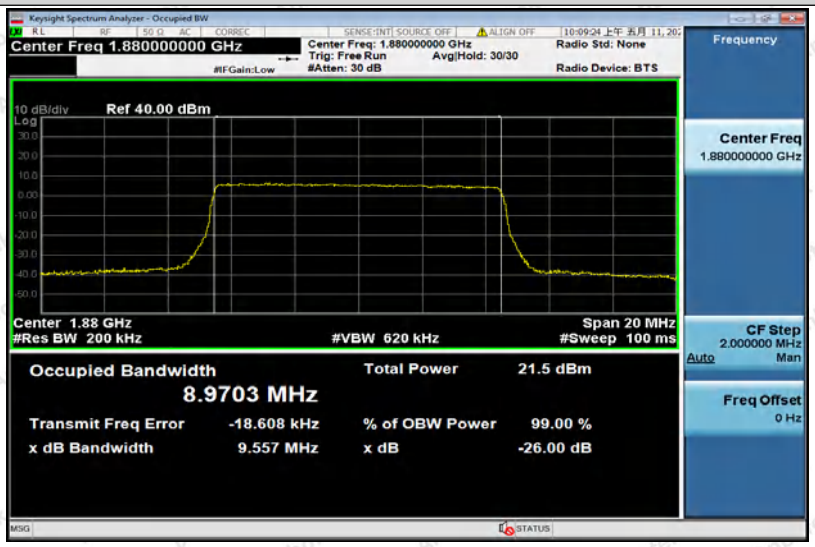

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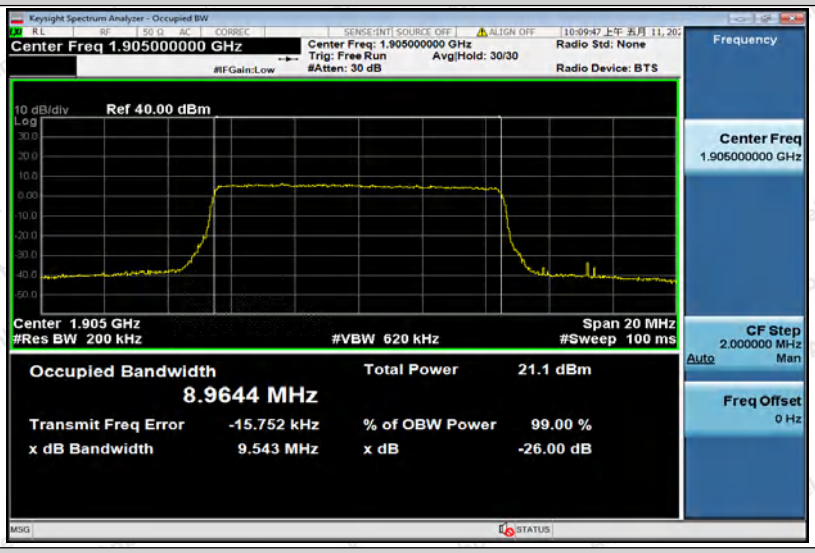

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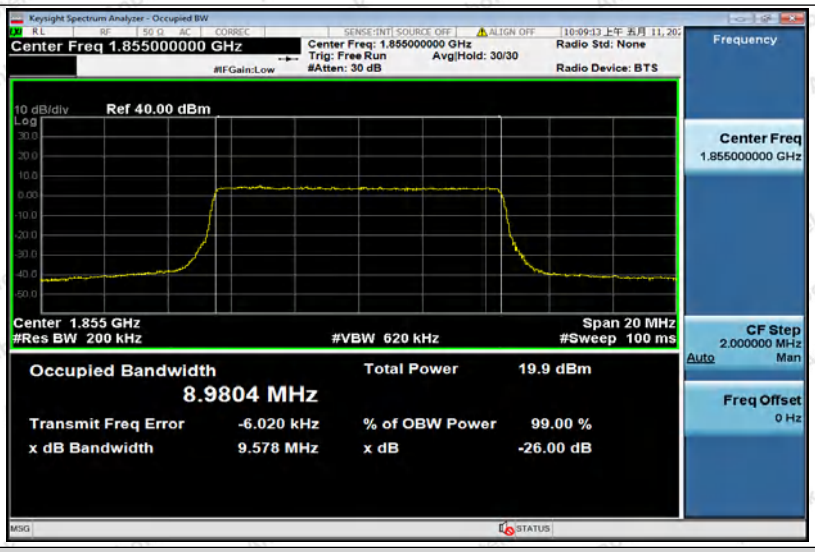

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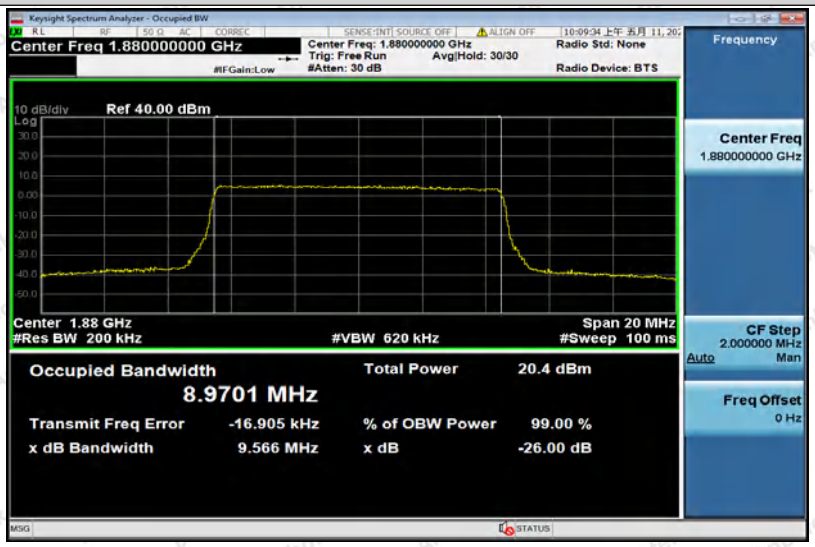

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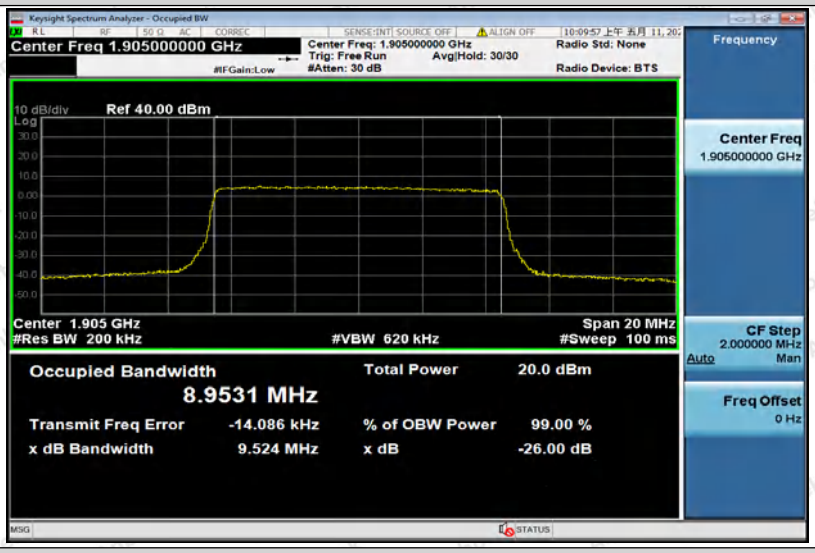
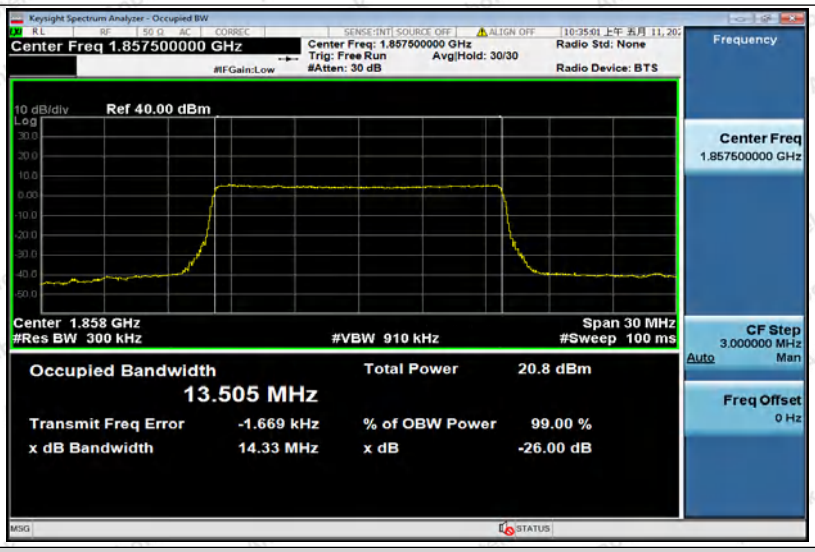


Band2-15MHz-QPSK-18675-75RB#0-13.505



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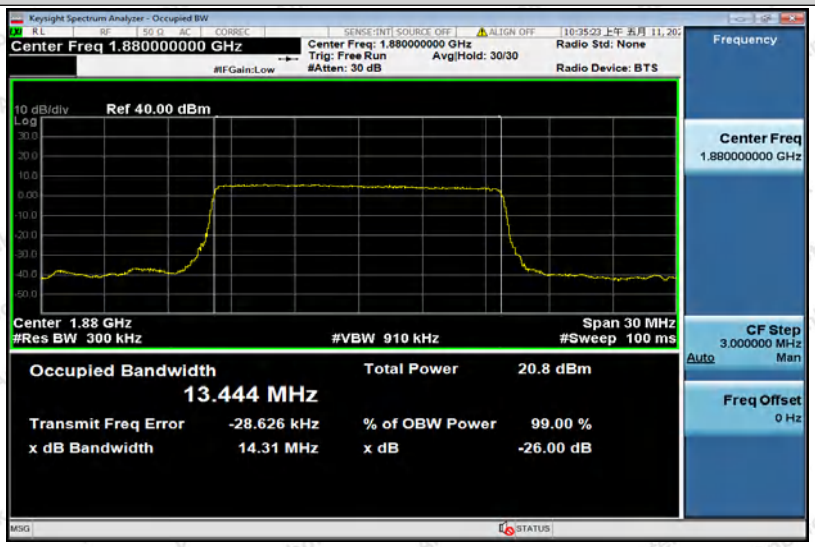

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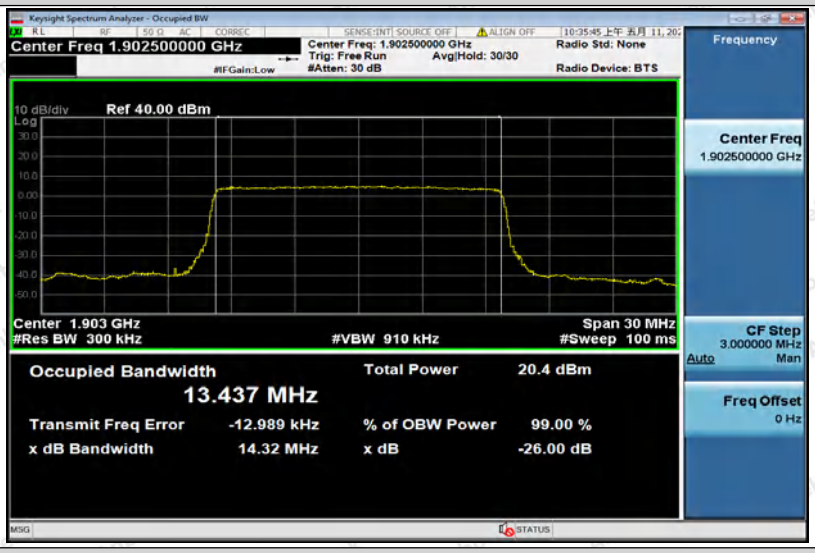

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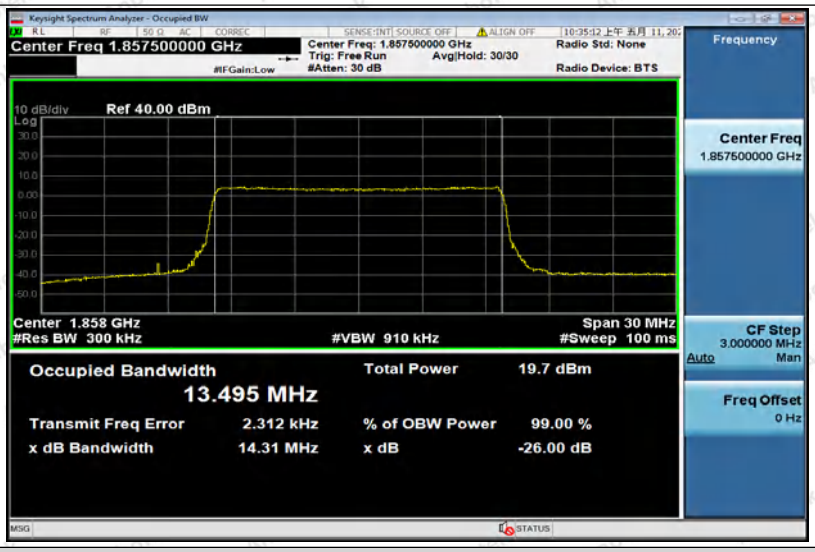

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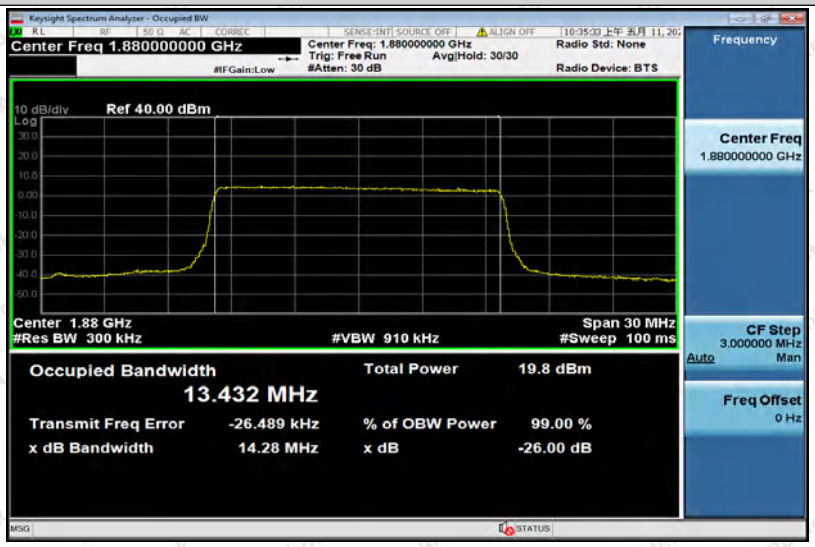

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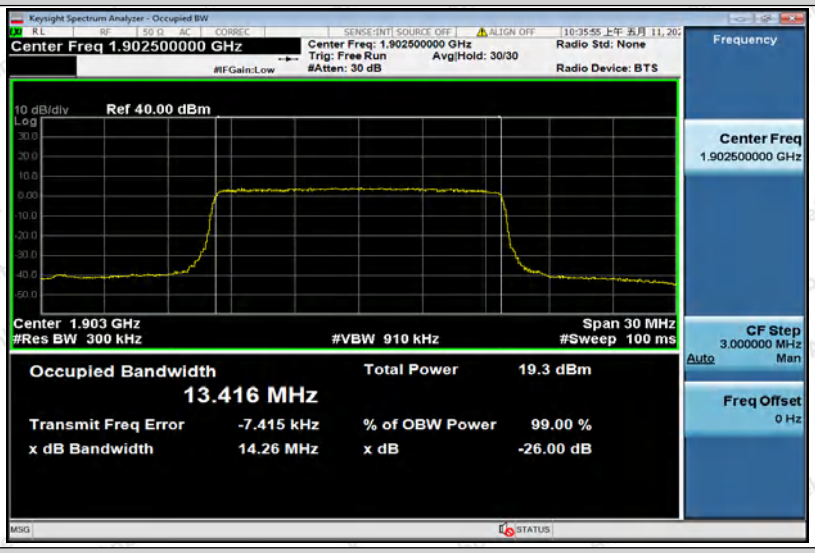
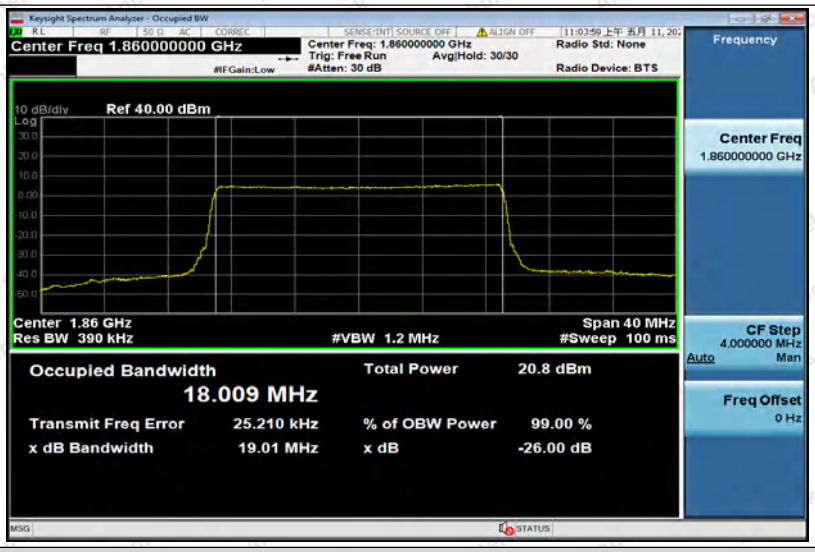
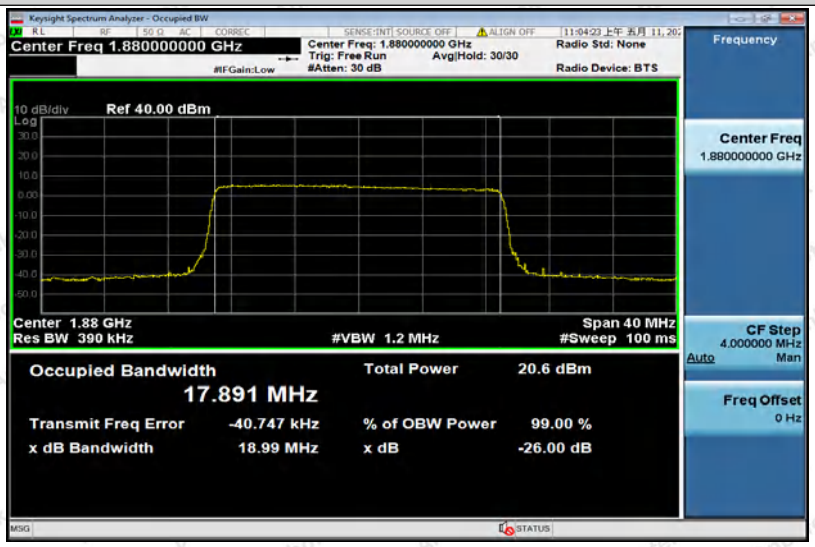


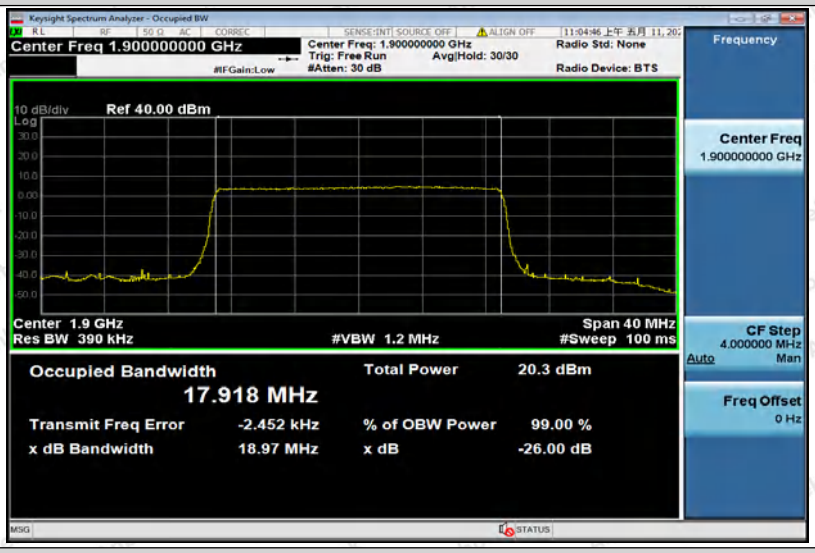
Band2-20MHz-QPSK-18700-100RB#0-18.009



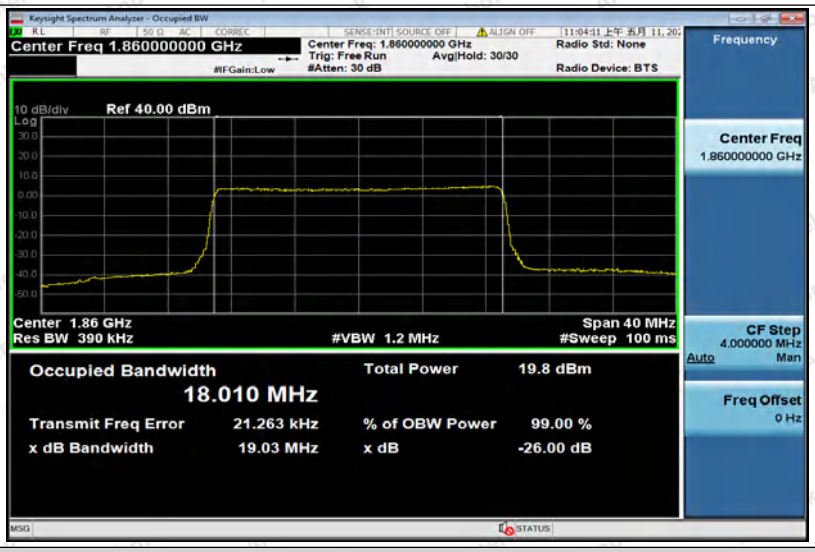
Band2-20MHz-QPSK-18900-100RB#0-17.891



Band2-20MHz-QPSK-19100-100RB#0-17.918



Band2-20MHz-16QAM-18700-100RB#0-18.010



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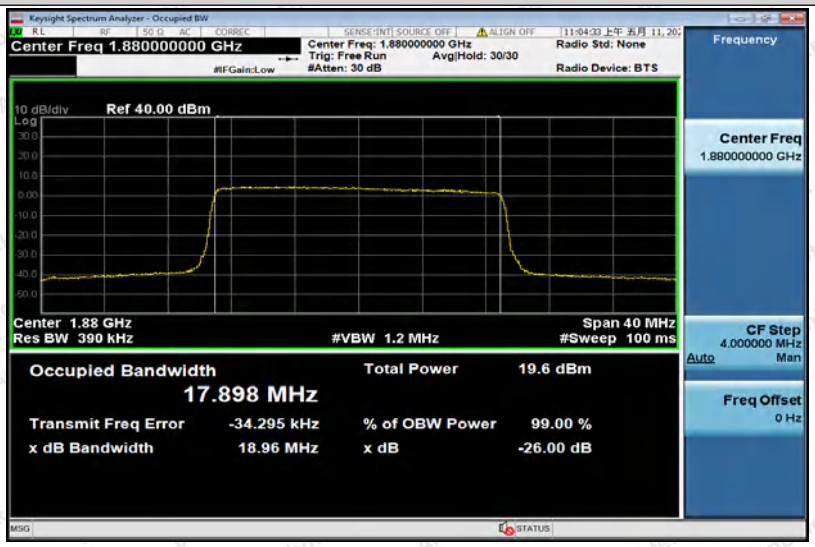

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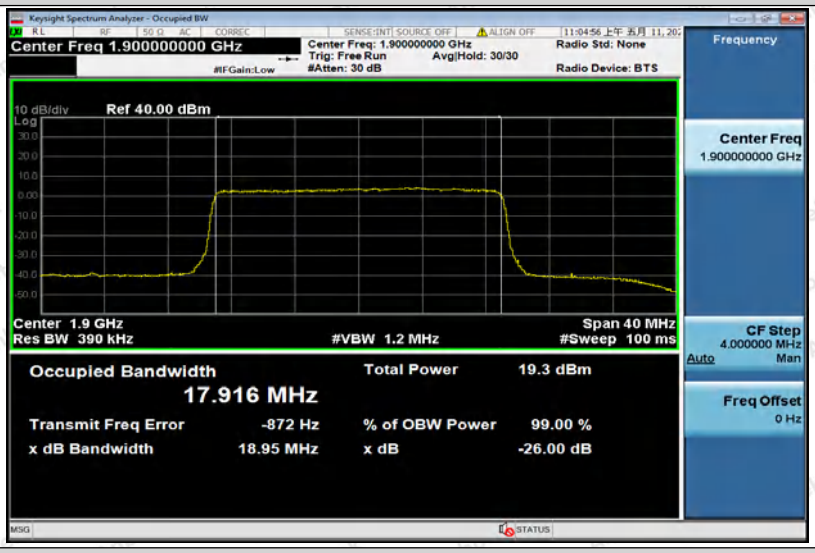
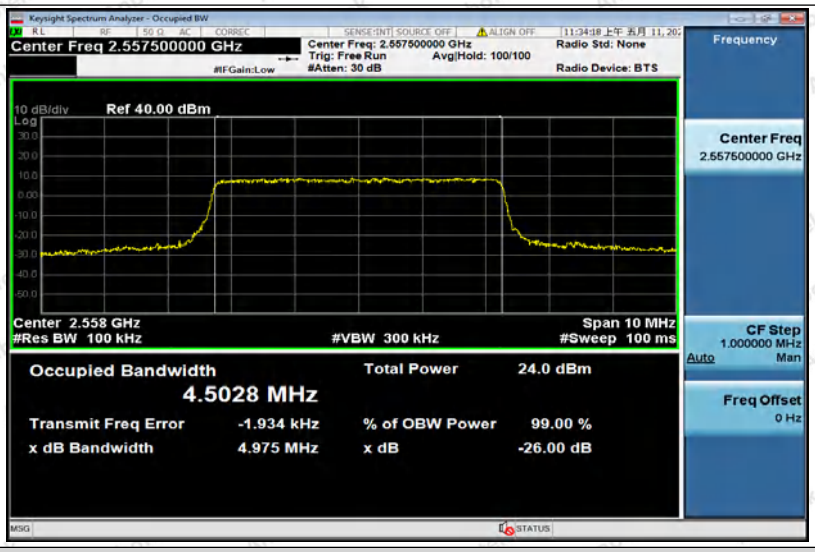


Band41-5MHz-QPSK-40265-25RB#0-4.5028



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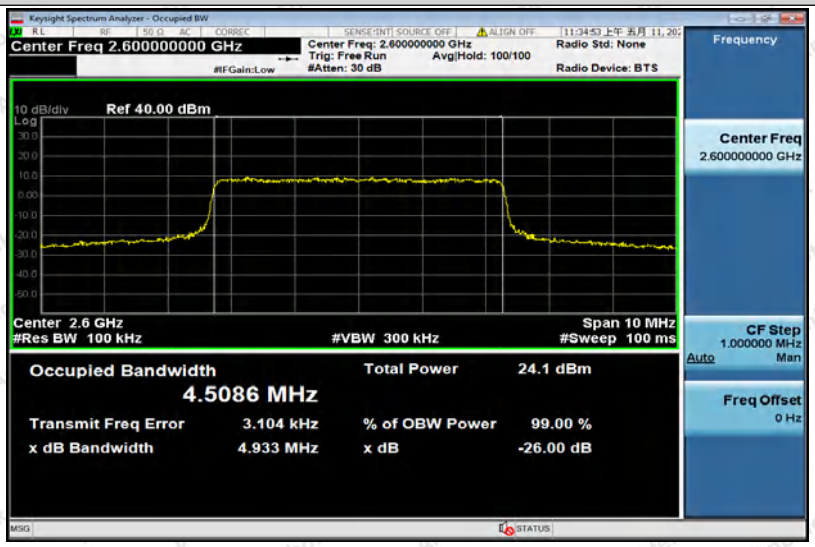
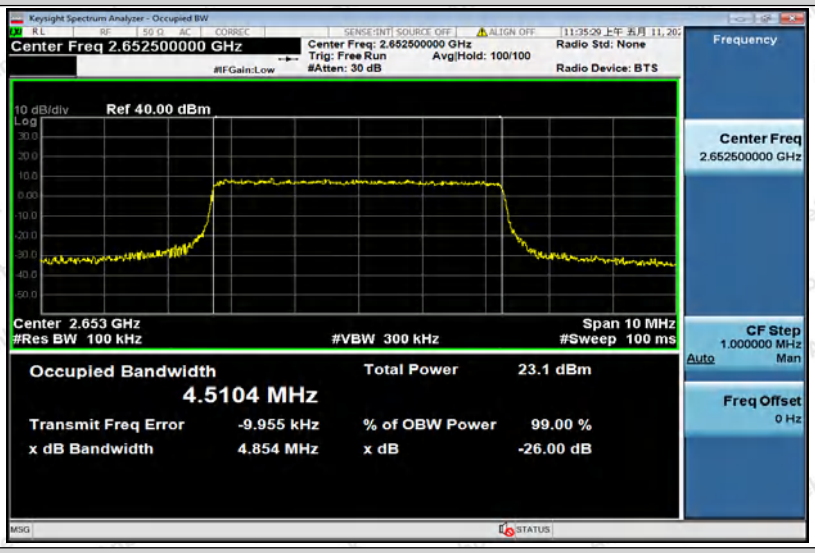
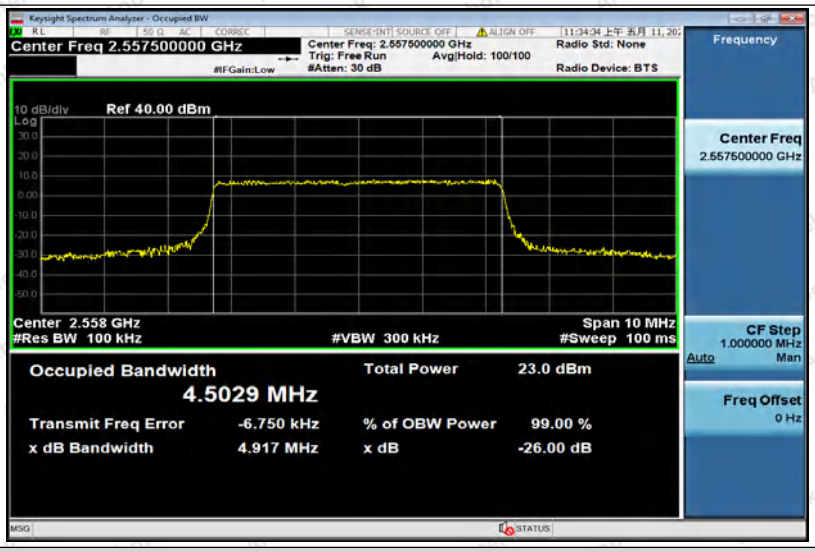


Band41-5MHz-QPSK-41215-25RB#0-4.5104



Band41-5MHz-16QAM-40265-25RB#0-4.5029



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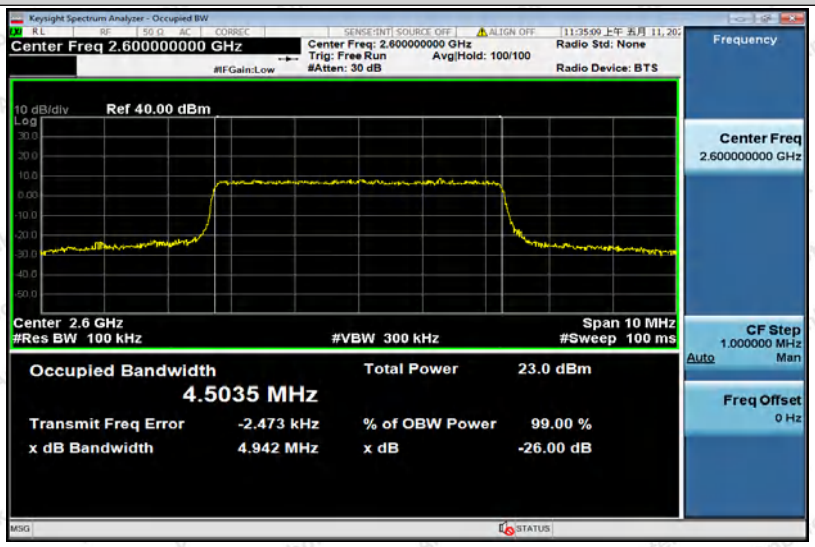

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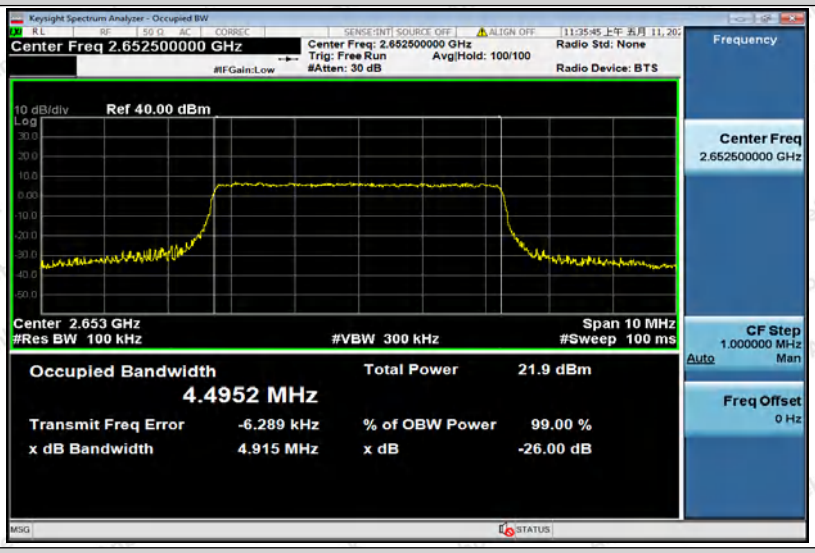
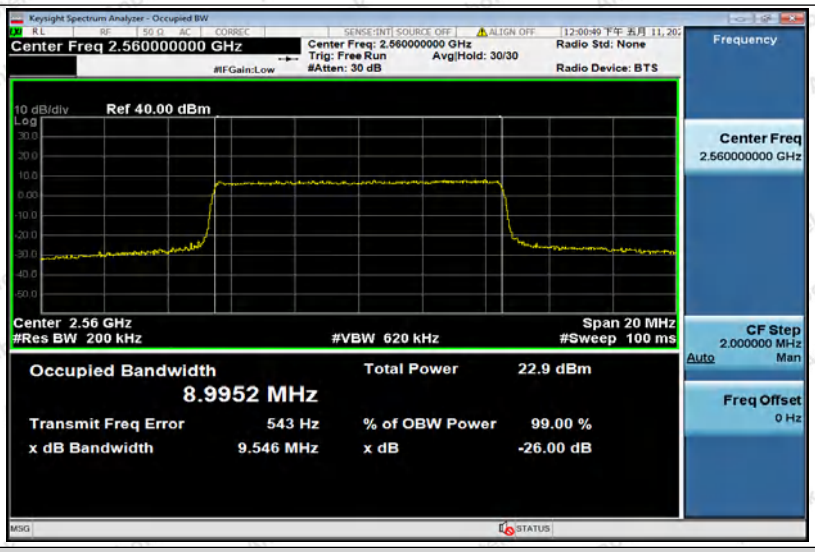
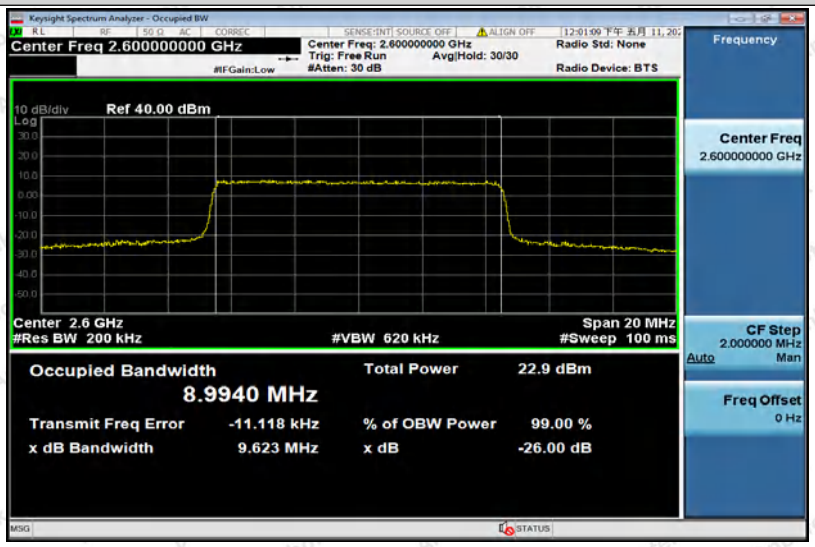


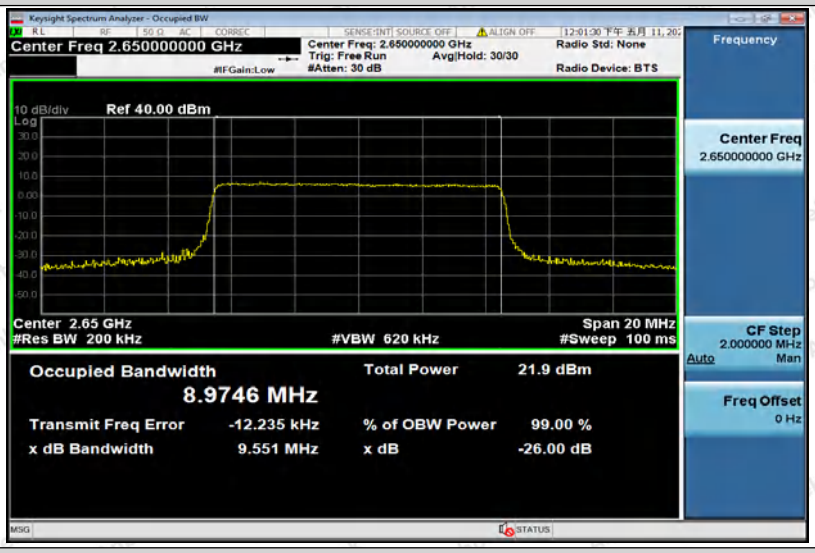
Band41-10MHz-QPSK-40290-50RB#0-8.9952



Band41-10MHz-QPSK-40690-50RB#0-8.9940



Band41-10MHz-QPSK-41190-50RB#0-8.9746



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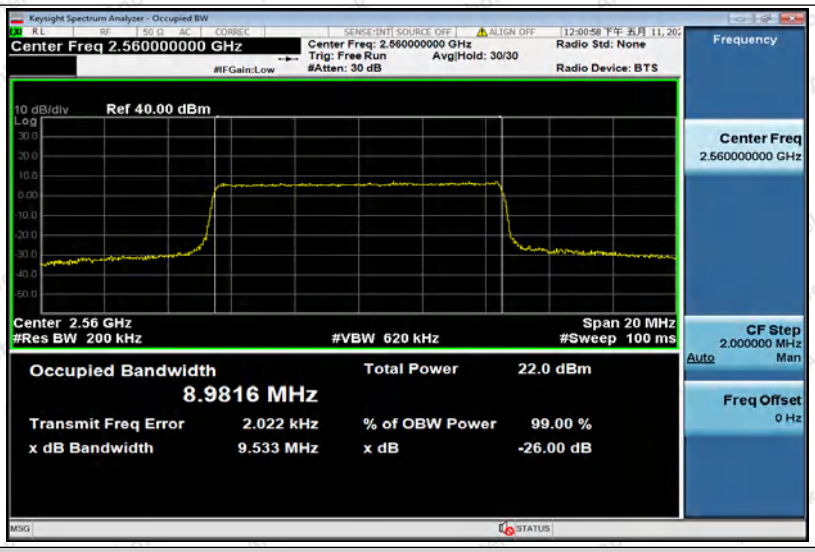

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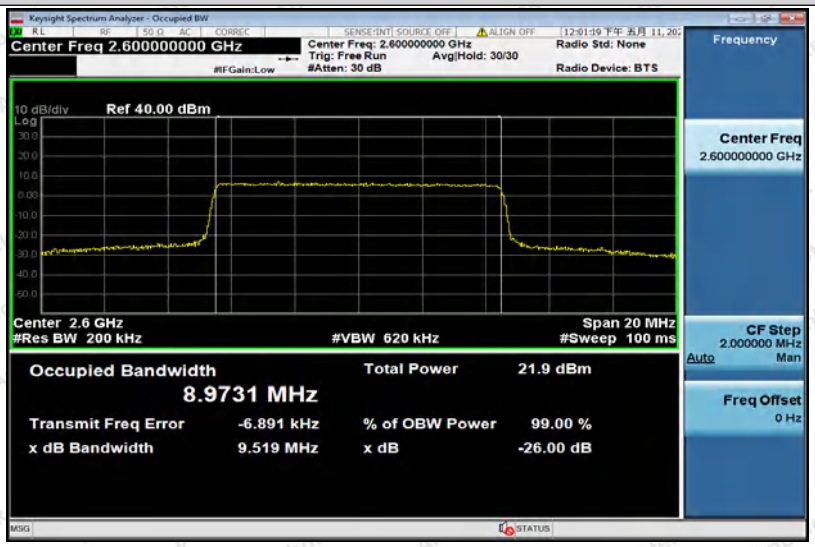

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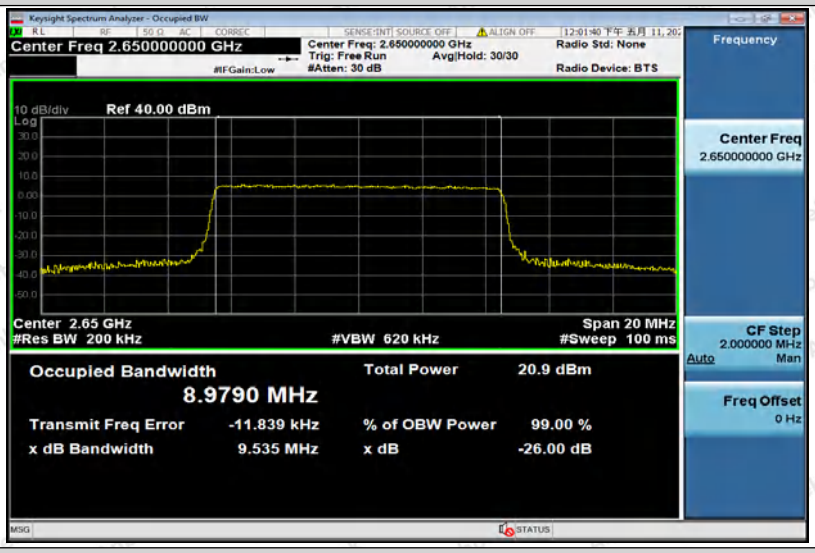
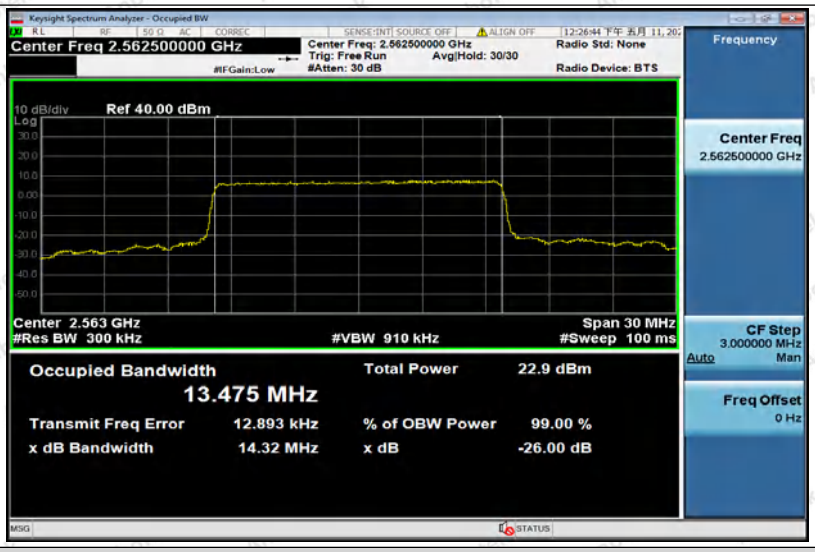


Band41-15MHz-QPSK-40315-75RB#0-13.475



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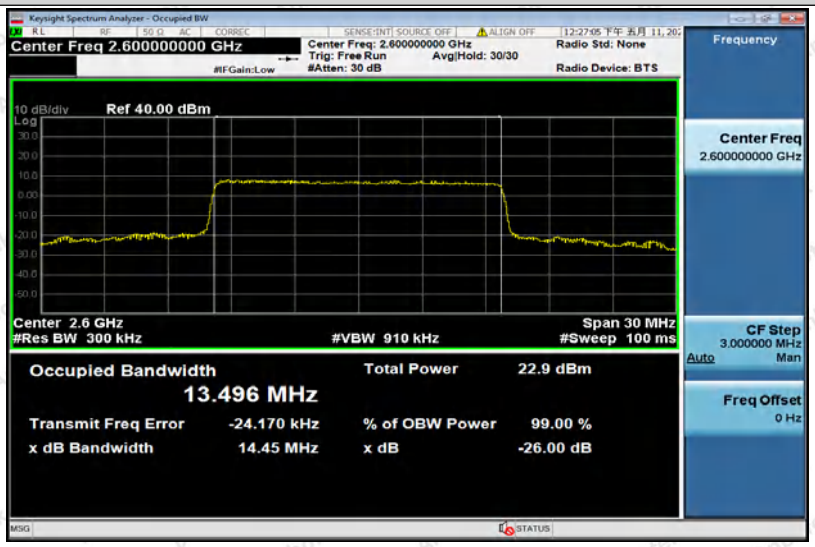

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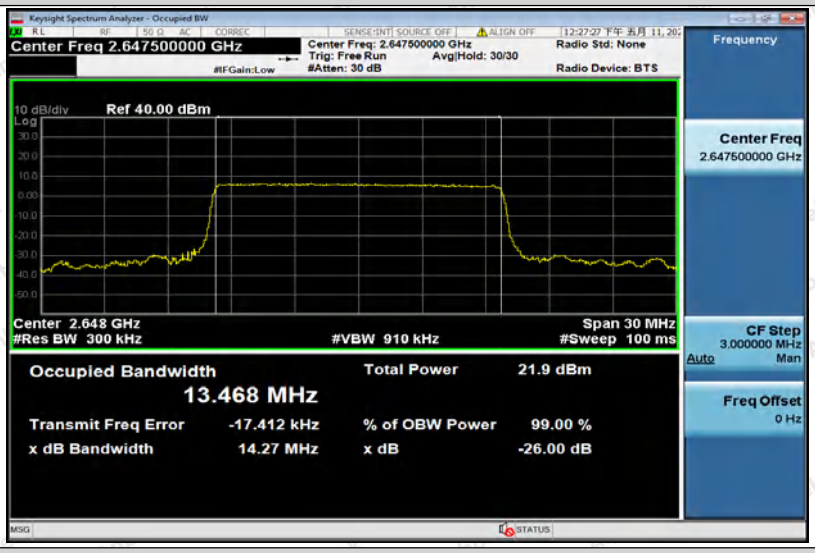

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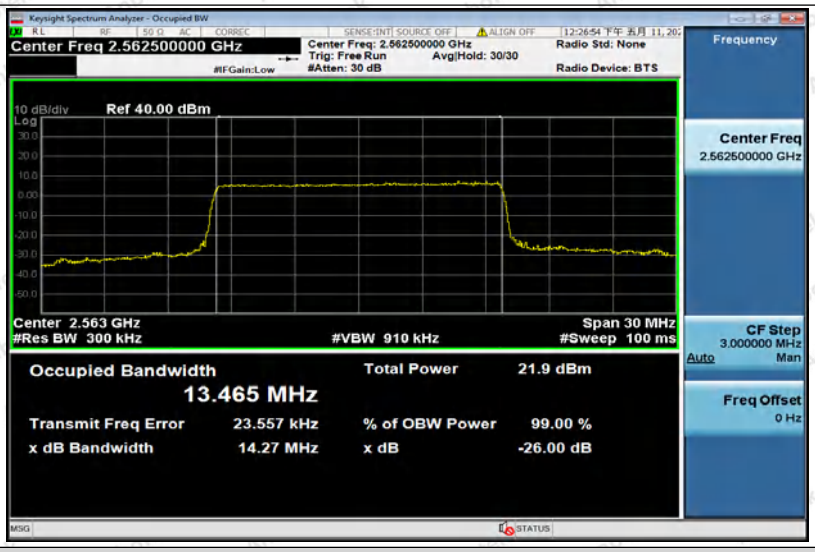

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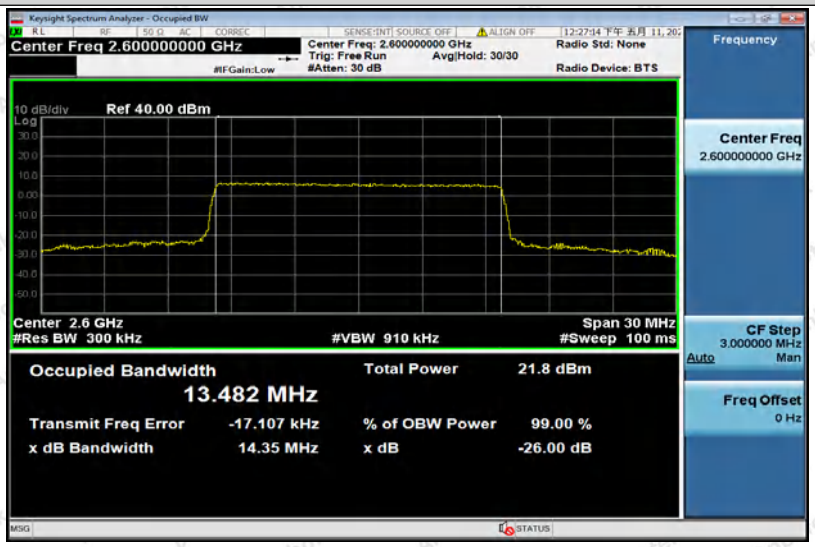

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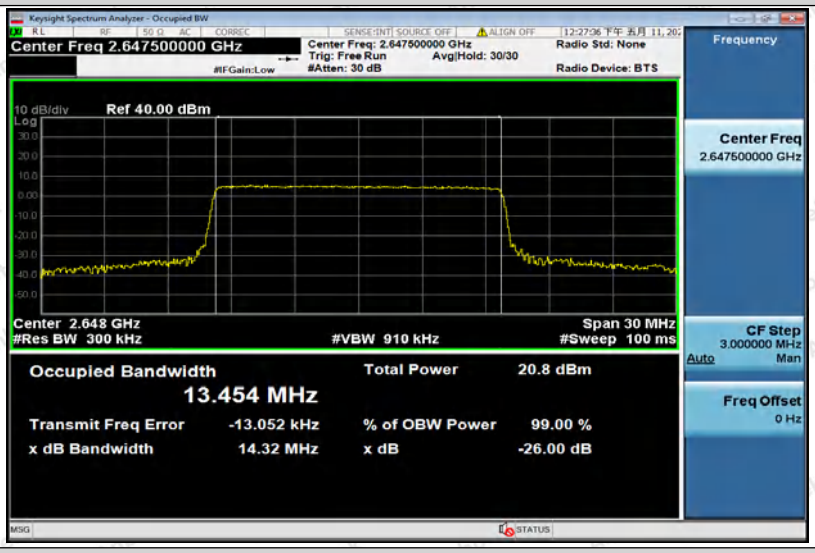
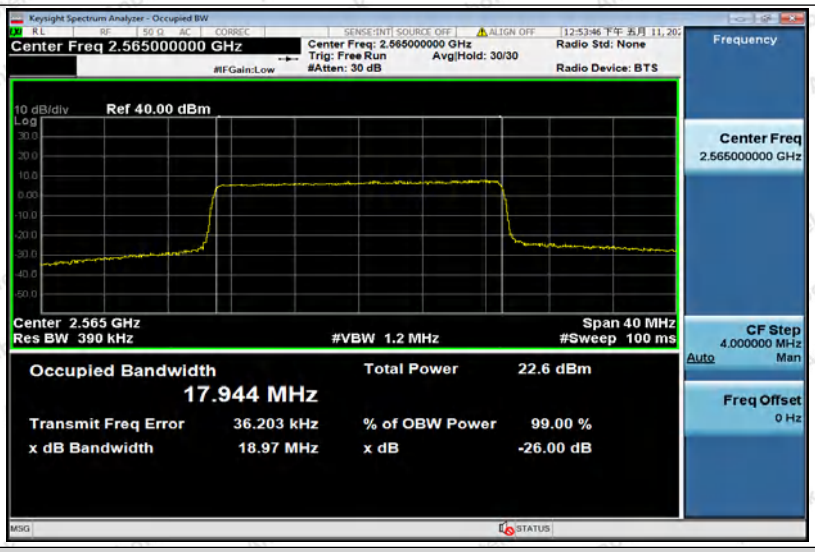


Band41-20MHz-QPSK-40340-100RB#0-17.944



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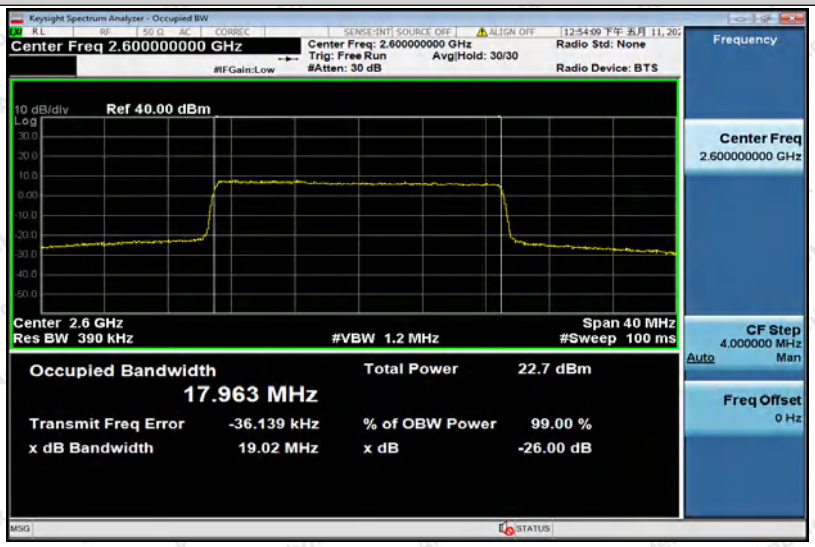

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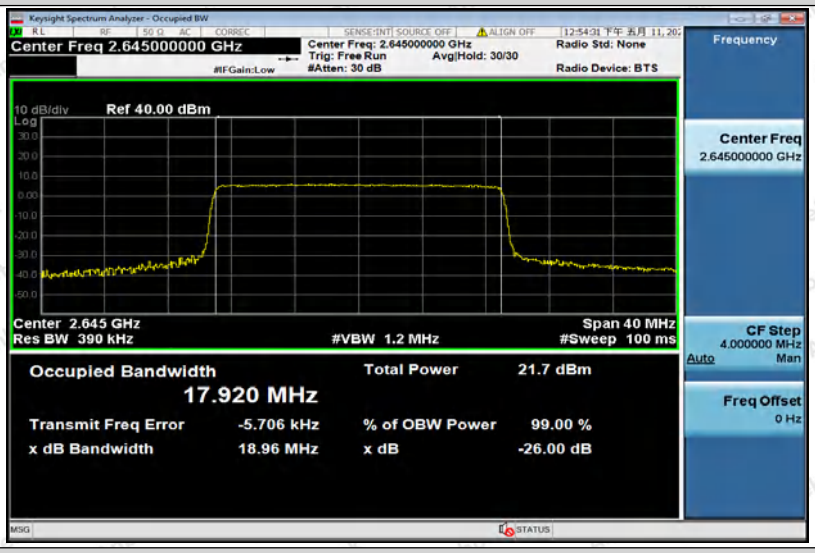

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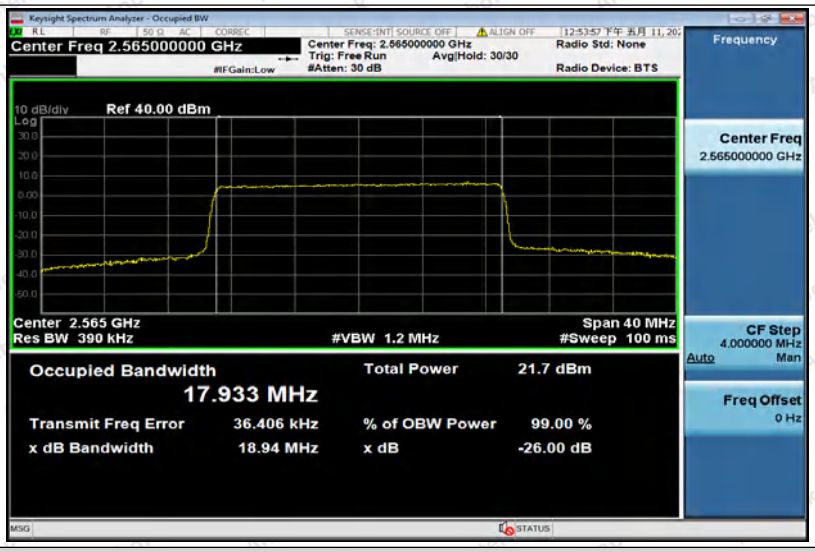

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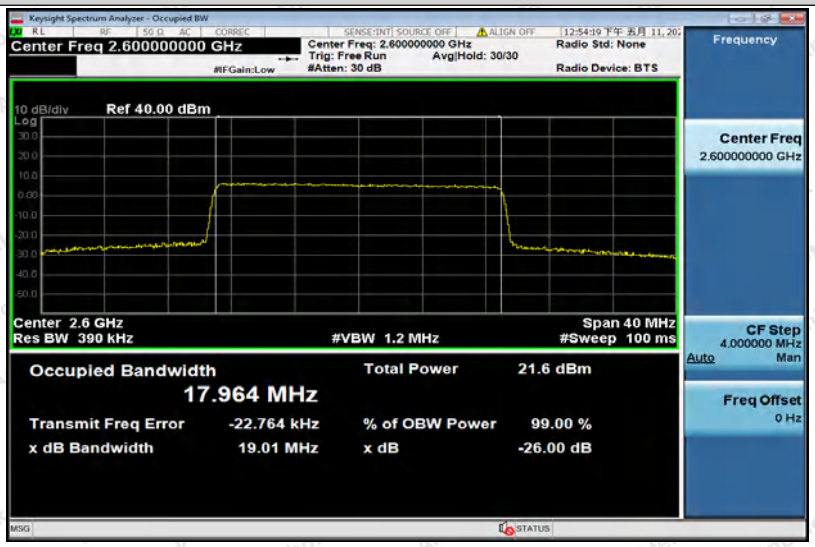
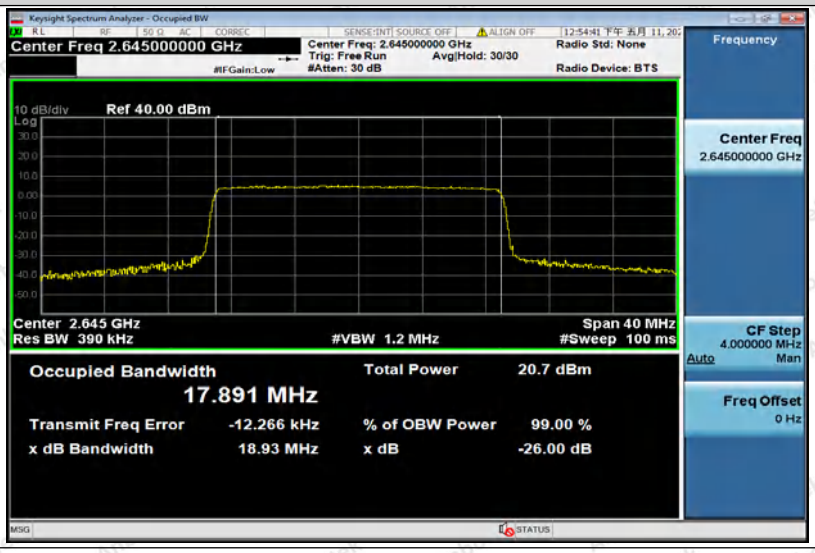


Band41-20MHz-16QAM-41140-100RB#0-17.891

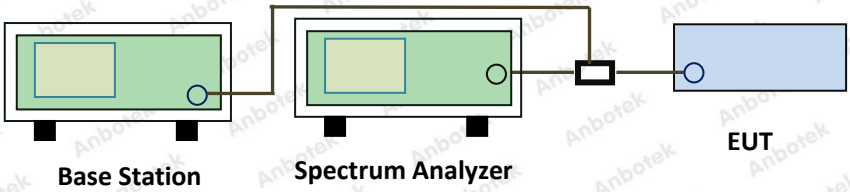


7. Spurious Emissions at Antenna Terminals

7.1. Test Standard and Limit

The mean power of emissions must be attenuated below the mean power of the unmodulated carrier (P) on any frequency outside the frequency band by at least (43 + 10 log P) dB, in this case, -13dBm.

7.2. Test Setup



7.3. Test Procedure

1. The RF output of the transceiver was connected to a spectrum analyzer through appropriateattenuation.
2. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficientscans were taken to show the out of band Emissions if any up to 10th harmonic.
3. For the out of band: Set the RBW= 1MHz, VBW = 3MHz, Start=30MHz, Stop= 10th harmonic.

7.4. Test Data

Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
Band II	9262	0.009~0.15	-75.73	-75.73	PASS
Band II	9262	0.15~30	-52.43	-52.43	PASS
Band II	9262	30~1000	-38.13	-38.13	PASS
Band II	9262	1000~3000	-42.72	-42.72	PASS
Band II	9262	3000~10000	-56.90	-56.9	PASS
Band II	9262	10000~20000	-52.08	-52.08	PASS
Band II	9400	0.009~0.15	-76.04	-76.04	PASS
Band II	9400	0.15~30	-54.50	-54.5	PASS
Band II	9400	30~1000	-37.62	-37.62	PASS
Band II	9400	1000~3000	-42.70	-42.7	PASS
Band II	9400	3000~10000	-57.69	-57.69	PASS
Band II	9400	10000~20000	-52.07	-52.07	PASS
Band II	9538	0.009~0.15	-76.08	-76.08	PASS
Band II	9538	0.15~30	-53.79	-53.79	PASS
Band II	9538	30~1000	-37.75	-37.75	PASS
Band II	9538	1000~3000	-42.76	-42.76	PASS
Band II	9538	3000~10000	-56.73	-56.73	PASS
Band II	9538	10000~20000	-52.08	-52.08	PASS
Band V	4132	0.009~0.15	-75.80	-75.8	PASS
Band V	4132	0.15~30	-54.05	-54.05	PASS
Band V	4132	30~1000	-37.96	-37.96	PASS
Band V	4132	1000~3000	-42.12	-42.12	PASS
Band V	4132	3000~10000	-56.44	-56.44	PASS
Band V	4132	10000~18000	-52.41	-52.41	PASS
Band V	4182	0.009~0.15	-74.27	-74.27	PASS
Band V	4182	0.15~30	-51.13	-51.13	PASS
Band V	4182	30~1000	-38.06	-38.06	PASS
Band V	4182	1000~3000	-42.25	-42.25	PASS
Band V	4182	3000~10000	-55.73	-55.73	PASS
Band V	4182	10000~18000	-52.49	-52.49	PASS
Band V	4233	0.009~0.15	-75.35	-75.35	PASS
Band V	4233	0.15~30	-53.50	-53.5	PASS
Band V	4233	30~1000	-38.55	-38.55	PASS
Band V	4233	1000~3000	-42.23	-42.23	PASS
Band V	4233	3000~10000	-55.68	-55.68	PASS
Band V	4233	10000~18000	-52.45	-52.45	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-37.22	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~5000MHz	-40.91	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range3:5000~12000MHz	-56.96	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range4:12000~26500MHz	-57.77	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.59	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-40.88	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.84	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-57.57	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-37.2	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~5000MHz	-40.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range3:5000~12000MHz	-56.92	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range4:12000~26500MHz	-57.77	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-37.46	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~5000MHz	-40.98	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range3:5000~12000MHz	-56.95	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range4:12000~26500MHz	-57.63	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.97	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-40.78	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-57	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-57.77	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-36.91	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~5000MHz	-40.62	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range3:5000~12000MHz	-56.84	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range4:12000~26500MHz	-57.66	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:30~1000MHz	-37.49	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:1000~5000MHz	-40.76	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range3:5000~12000MHz	-56.87	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range4:12000~26500MHz	-57.46	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.64	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-40.8	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.87	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-57.49	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:30~1000MHz	-36.77	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:1000~5000MHz	-40.73	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range3:5000~12000MHz	-56.93	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range4:12000~26500MHz	-57.74	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range1:30~1000MHz	-37.13	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range2:1000~5000MHz	-40.62	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range3:5000~12000MHz	-56.98	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range4:12000~26500MHz	-57.65	PASS

Band2	3MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-36.83	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-40.55	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-56.93	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-57.74	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range1:30~1000MHz	-37.3	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range2:1000~5000MHz	-40.73	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range3:5000~12000MHz	-56.95	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range4:12000~26500MHz	-57.64	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:30~1000MHz	-36.48	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range2:1000~5000MHz	-40.75	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range3:5000~12000MHz	-56.99	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range4:12000~26500MHz	-57.57	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.32	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-40.83	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.95	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-57.68	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:30~1000MHz	-37.85	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range2:1000~5000MHz	-40.71	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range3:5000~12000MHz	-56.95	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range4:12000~26500MHz	-57.57	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range1:30~1000MHz	-37.2	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range2:1000~5000MHz	-40.77	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range3:5000~12000MHz	-56.94	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range4:12000~26500MHz	-57.56	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-36.85	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-40.67	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-56.83	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-57.7	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range1:30~1000MHz	-37.09	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range2:1000~5000MHz	-40.69	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range3:5000~12000MHz	-56.94	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range4:12000~26500MHz	-57.63	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range1:30~1000MHz	-37.47	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range2:1000~5000MHz	-40.81	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range3:5000~12000MHz	-56.91	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range4:12000~26500MHz	-57.83	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.6	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-40.79	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-57	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-57.7	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range1:30~1000MHz	-37.27	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range2:1000~5000MHz	-40.49	PASS

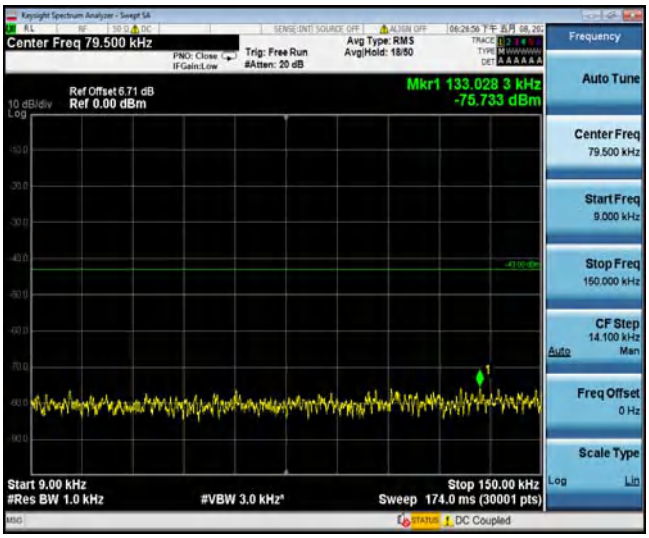
Band2	10MHz	QPSK	19150	1RB#0	Range3:5000~12000MHz	-57.01	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range4:12000~26500MHz	-57.55	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range1:30~1000MHz	-37.12	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range2:1000~5000MHz	-40.69	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range3:5000~12000MHz	-56.93	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range4:12000~26500MHz	-57.75	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-36.81	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-40.86	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-57.05	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-57.68	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range1:30~1000MHz	-37.53	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range2:1000~5000MHz	-40.79	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range3:5000~12000MHz	-56.97	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range4:12000~26500MHz	-57.57	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range1:30~1000MHz	-37.68	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range2:1000~5000MHz	-40.61	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range3:5000~12000MHz	-56.98	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range4:12000~26500MHz	-57.57	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.07	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-40.57	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.82	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-57.78	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range1:30~1000MHz	-37.48	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range2:1000~5000MHz	-40.79	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range3:5000~12000MHz	-56.8	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range4:12000~26500MHz	-57.71	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range1:30~1000MHz	-37.27	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range2:1000~5000MHz	-40.68	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range3:5000~12000MHz	-56.99	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range4:12000~26500MHz	-57.58	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.39	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-40.7	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-56.8	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-57.53	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range1:30~1000MHz	-36.9	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range2:1000~5000MHz	-40.69	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range3:5000~12000MHz	-56.99	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range4:12000~26500MHz	-57.6	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-37.38	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~5000MHz	-40.75	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:5000~12000MHz	-56.91	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range4:12000~26500MHz	-57.54	PASS

Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.84	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~5000MHz	-40.72	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:5000~12000MHz	-56.79	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range4:12000~26500MHz	-57.76	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-37.26	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~5000MHz	-40.61	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:5000~12000MHz	-56.87	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range4:12000~26500MHz	-57.73	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-37.53	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~5000MHz	-40.68	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:5000~12000MHz	-57.04	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range4:12000~26500MHz	-57.72	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-36.44	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~5000MHz	-40.64	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:5000~12000MHz	-56.89	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range4:12000~26500MHz	-57.51	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-35.25	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~5000MHz	-40.64	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:5000~12000MHz	-56.94	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range4:12000~26500MHz	-57.66	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range1:30~1000MHz	-37.56	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range2:1000~5000MHz	-40.6	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range3:5000~12000MHz	-55.16	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range4:12000~26500MHz	-57.66	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range1:30~1000MHz	-37.2	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range2:1000~5000MHz	-40.84	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range3:5000~12000MHz	-56.93	PASS
Band41	5MHz	QPSK	40690	1RB#0	Range4:12000~26500MHz	-57.72	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-37.59	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~5000MHz	-40.51	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range3:5000~12000MHz	-56.96	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range4:12000~26500MHz	-57.44	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range1:30~1000MHz	-37.22	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range2:1000~5000MHz	-40.56	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range3:5000~12000MHz	-56.26	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range4:12000~26500MHz	-57.76	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range1:30~1000MHz	-37.47	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range2:1000~5000MHz	-40.63	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range3:5000~12000MHz	-56.83	PASS
Band41	5MHz	16QAM	40690	1RB#0	Range4:12000~26500MHz	-57.61	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-37.31	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~5000MHz	-40.77	PASS

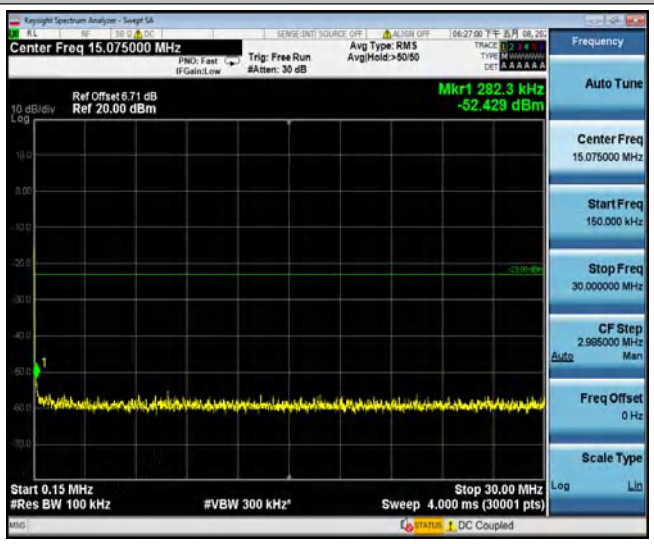
Band41	5MHz	16QAM	41215	1RB#0	Range3:5000~12000MHz	-56.78	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range4:12000~26500MHz	-57.46	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range1:30~1000MHz	-36.96	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range2:1000~5000MHz	-40.78	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range3:5000~12000MHz	-55.94	PASS
Band41	10MHz	QPSK	40290	1RB#0	Range4:12000~26500MHz	-57.56	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range1:30~1000MHz	-37.53	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range2:1000~5000MHz	-40.77	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range3:5000~12000MHz	-56.62	PASS
Band41	10MHz	QPSK	40690	1RB#0	Range4:12000~26500MHz	-57.56	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range1:30~1000MHz	-37.09	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range2:1000~5000MHz	-40.74	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range3:5000~12000MHz	-57.02	PASS
Band41	10MHz	QPSK	41190	1RB#0	Range4:12000~26500MHz	-57.72	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range1:30~1000MHz	-37.88	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range2:1000~5000MHz	-40.77	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range3:5000~12000MHz	-56.1	PASS
Band41	10MHz	16QAM	40290	1RB#0	Range4:12000~26500MHz	-57.61	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range1:30~1000MHz	-37.29	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range2:1000~5000MHz	-40.7	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range3:5000~12000MHz	-56.97	PASS
Band41	10MHz	16QAM	40690	1RB#0	Range4:12000~26500MHz	-57.65	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range1:30~1000MHz	-36.66	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range2:1000~5000MHz	-40.7	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range3:5000~12000MHz	-57	PASS
Band41	10MHz	16QAM	41190	1RB#0	Range4:12000~26500MHz	-57.65	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range1:30~1000MHz	-36.42	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range2:1000~5000MHz	-40.62	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range3:5000~12000MHz	-55.84	PASS
Band41	15MHz	QPSK	40315	1RB#0	Range4:12000~26500MHz	-57.68	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range1:30~1000MHz	-37.18	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range2:1000~5000MHz	-40.82	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range3:5000~12000MHz	-57.04	PASS
Band41	15MHz	QPSK	40690	1RB#0	Range4:12000~26500MHz	-57.5	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range1:30~1000MHz	-37.08	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range2:1000~5000MHz	-40.72	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range3:5000~12000MHz	-56.27	PASS
Band41	15MHz	QPSK	41165	1RB#0	Range4:12000~26500MHz	-57.5	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range1:30~1000MHz	-37.17	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range2:1000~5000MHz	-40.75	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range3:5000~12000MHz	-56.25	PASS
Band41	15MHz	16QAM	40315	1RB#0	Range4:12000~26500MHz	-57.68	PASS

Band41	15MHz	16QAM	40690	1RB#0	Range1:30~1000MHz	-37.45	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range2:1000~5000MHz	-40.76	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range3:5000~12000MHz	-56.98	PASS
Band41	15MHz	16QAM	40690	1RB#0	Range4:12000~26500MHz	-57.53	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range1:30~1000MHz	-37.1	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range2:1000~5000MHz	-40.82	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range3:5000~12000MHz	-56.82	PASS
Band41	15MHz	16QAM	41165	1RB#0	Range4:12000~26500MHz	-57.76	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range1:30~1000MHz	-37.71	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range2:1000~5000MHz	-40.77	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range3:5000~12000MHz	-55.35	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range4:12000~26500MHz	-57.76	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range1:30~1000MHz	-36.9	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range2:1000~5000MHz	-40.78	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range3:5000~12000MHz	-56.99	PASS
Band41	20MHz	QPSK	40690	1RB#0	Range4:12000~26500MHz	-57.61	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-37.77	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~5000MHz	-40.77	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range3:5000~12000MHz	-56.9	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range4:12000~26500MHz	-57.45	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range1:30~1000MHz	-38.03	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range2:1000~5000MHz	-40.65	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range3:5000~12000MHz	-56.88	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range4:12000~26500MHz	-57.77	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range1:30~1000MHz	-37.52	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range2:1000~5000MHz	-40.67	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range3:5000~12000MHz	-57.03	PASS
Band41	20MHz	16QAM	40690	1RB#0	Range4:12000~26500MHz	-57.62	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-37.41	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~5000MHz	-40.86	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range3:5000~12000MHz	-56.9	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range4:12000~26500MHz	-57.75	PASS

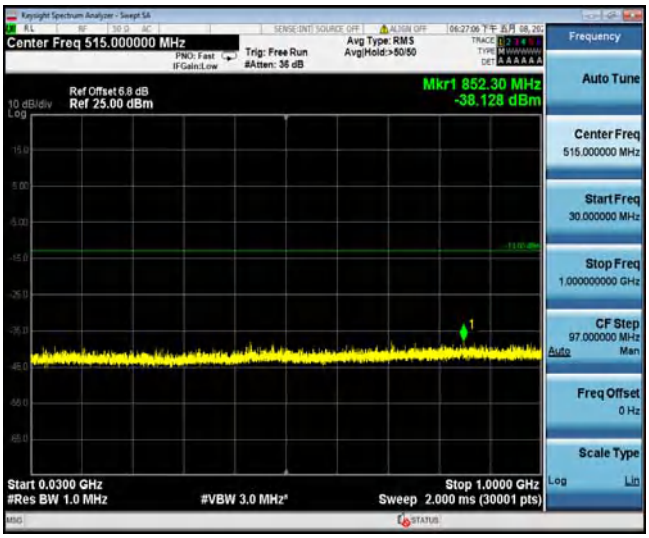
Test Graphs



Band II_9262



Band II_9262

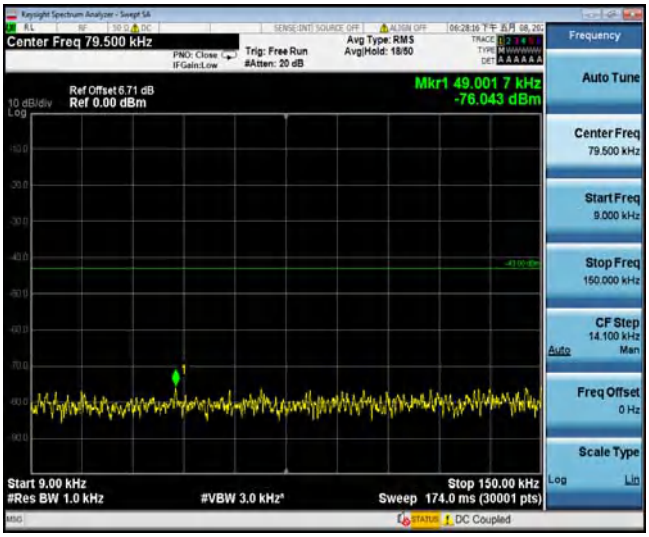


Band II_9262

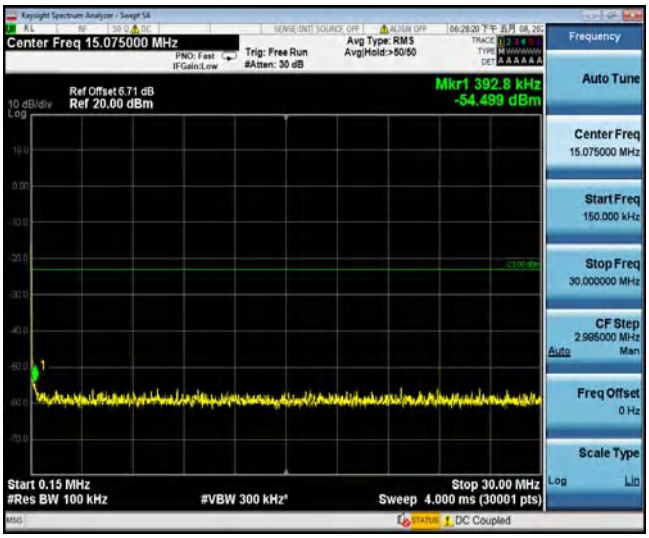
Band II_9262

Band II_9262

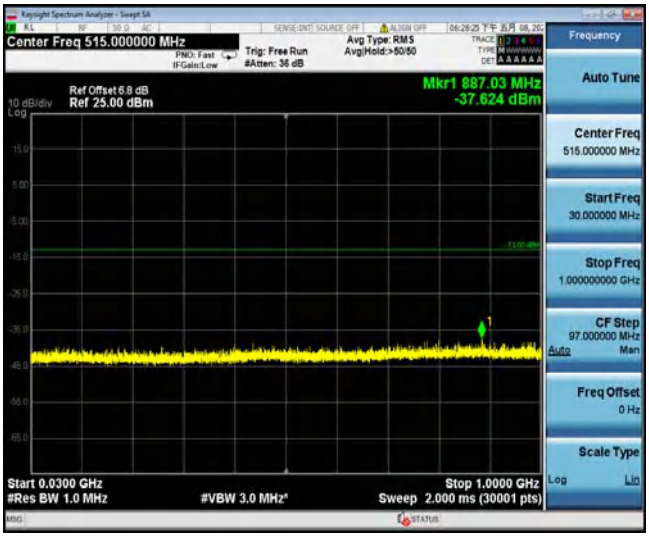
Band II_9262



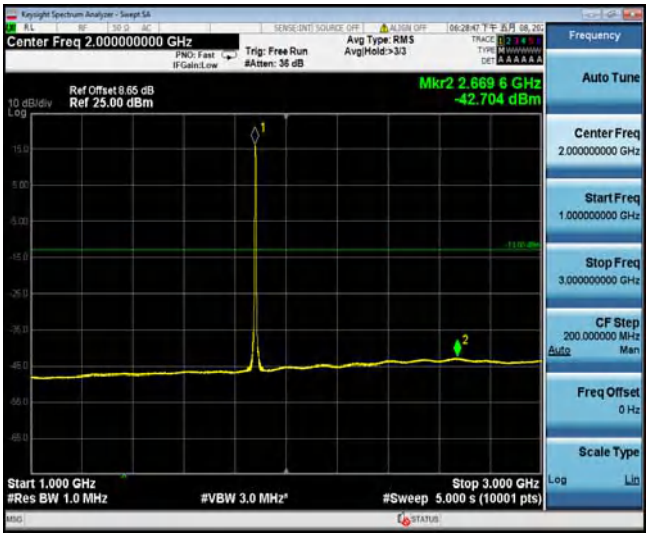
Band II_9400



Band II_9400



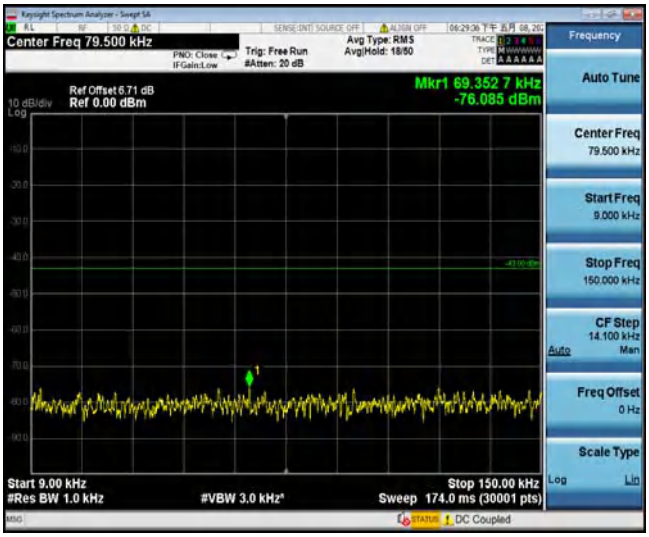
Band II_9400



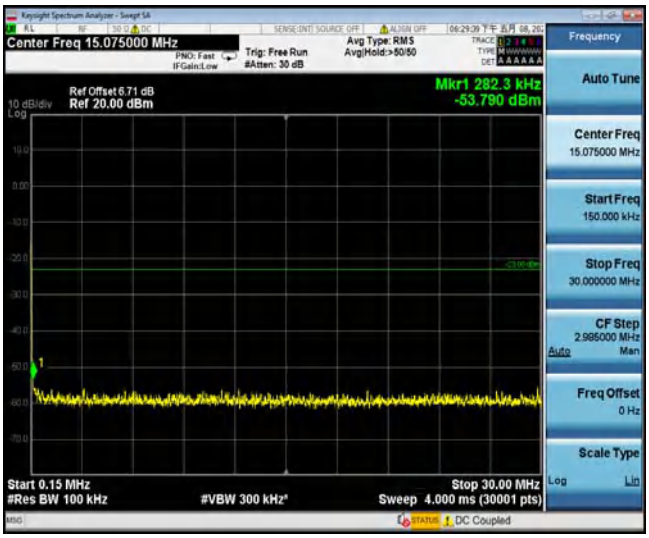
Band II_9400

Band II_9400

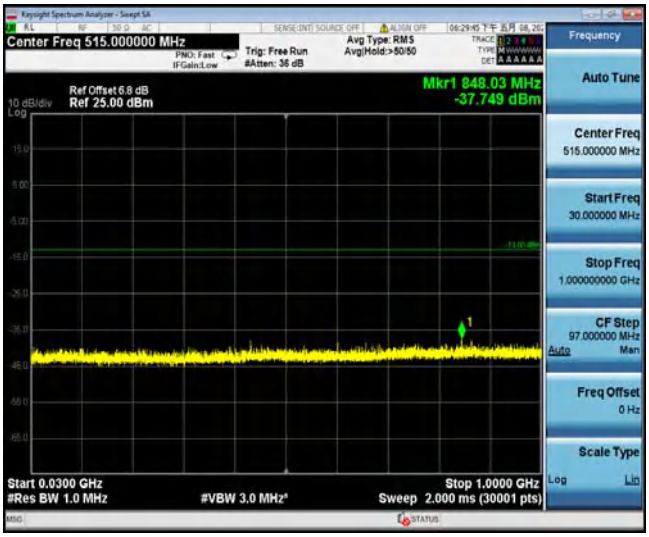
Band II_9400



Band II_9538



Band II_9538

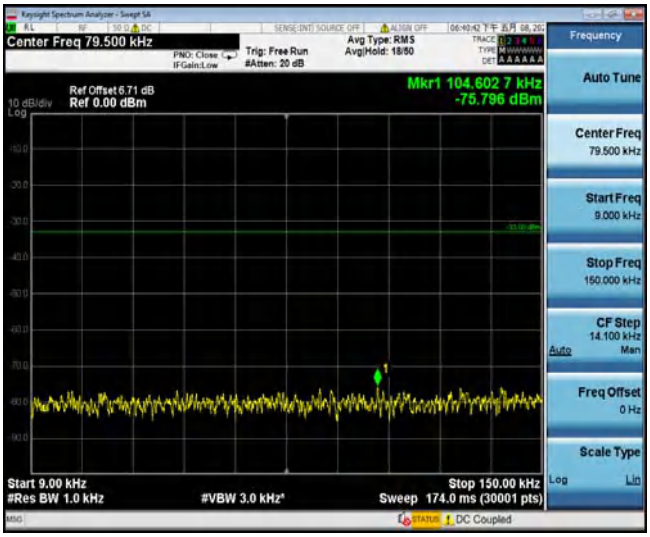


Band II_9538

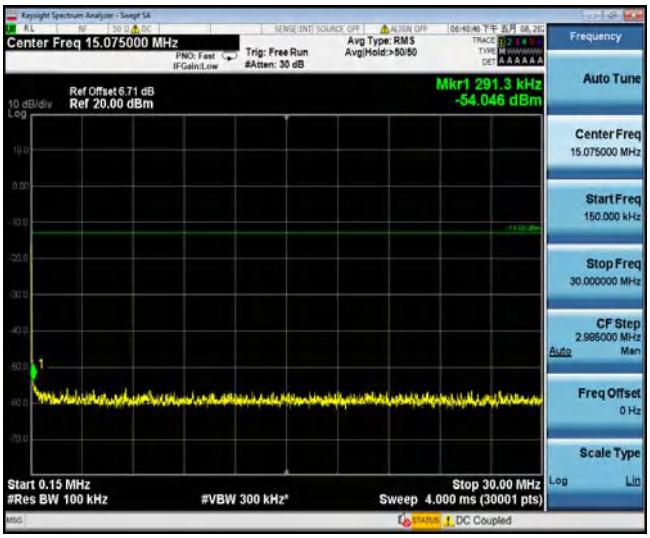
Band II_9538

Band II_9538

Band II_9538



Band V_4132



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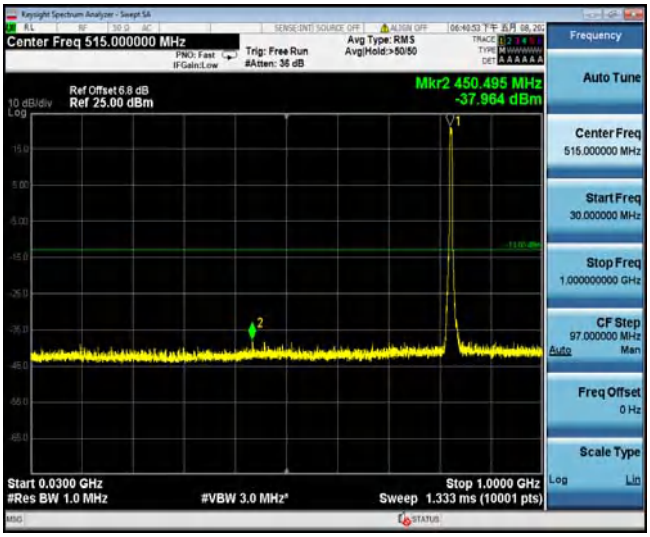

Band V_4132

Band V_4132

Band V_4132

Band V_4132