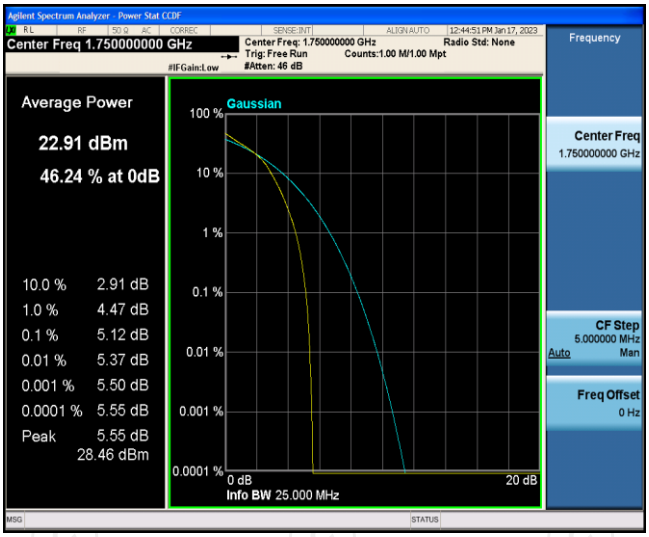
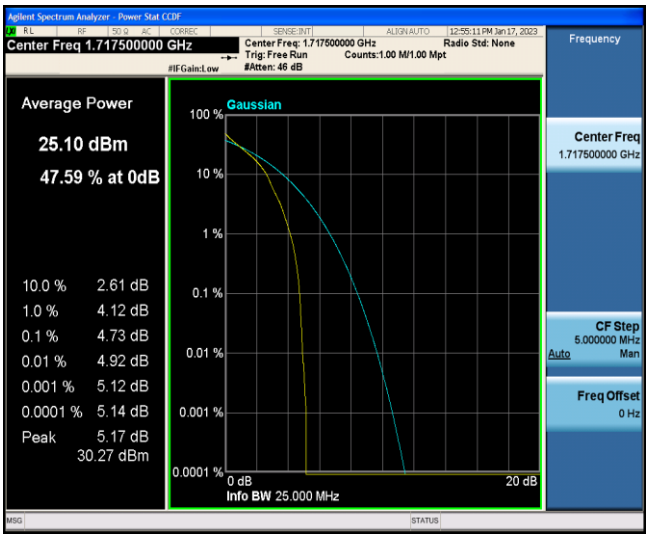
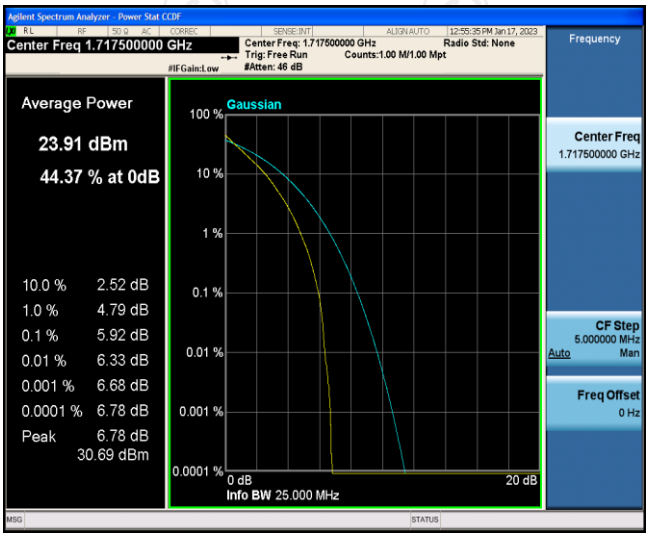


Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-75RB#0



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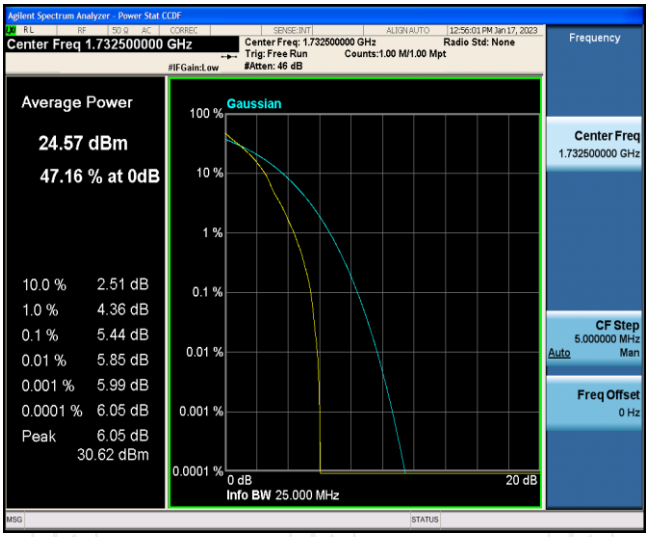

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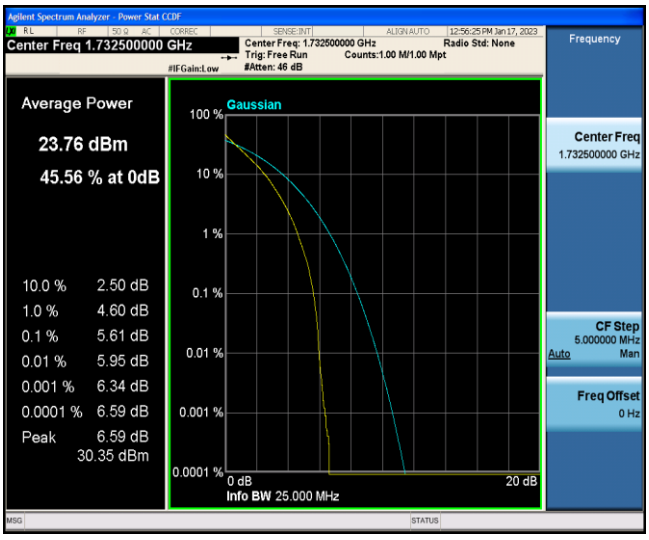

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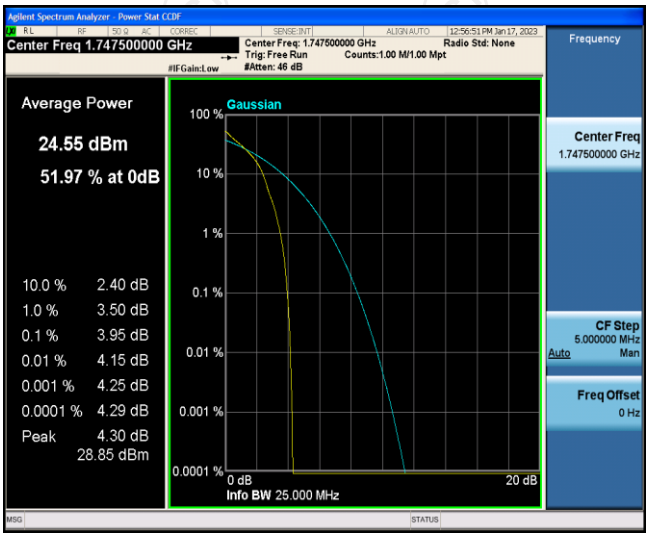
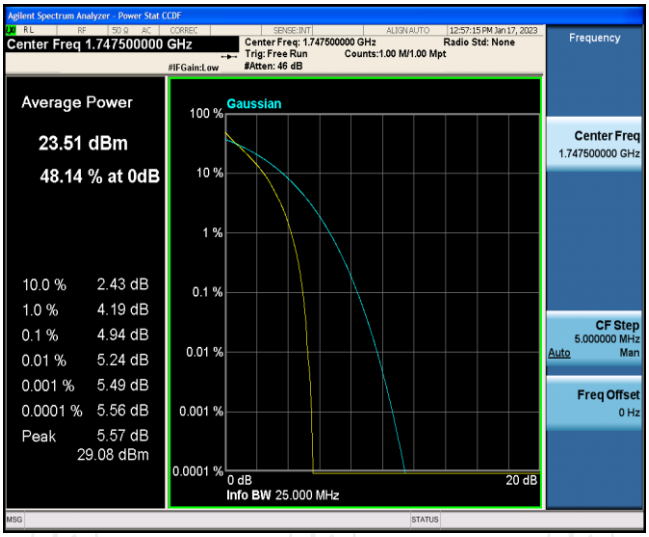
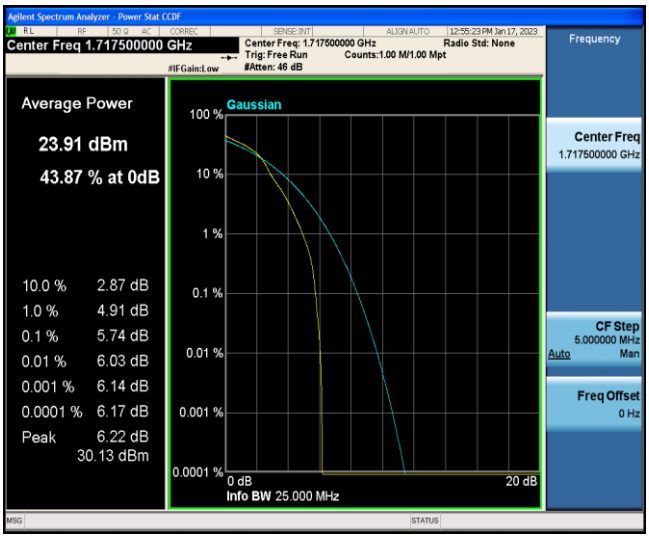


Band4-15MHz-QPSK-20325-75RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band4-15MHz-16QAM-20025-1RB#0



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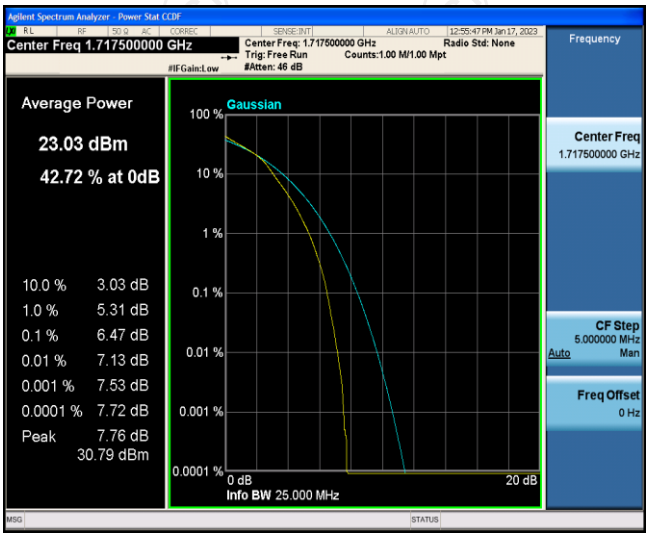

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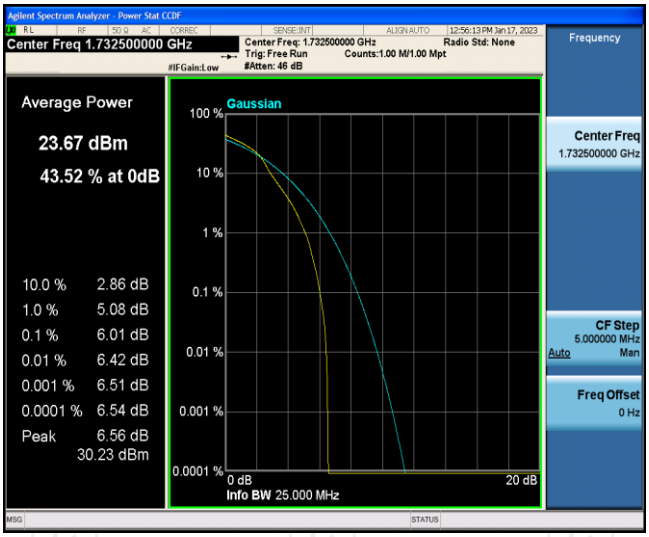

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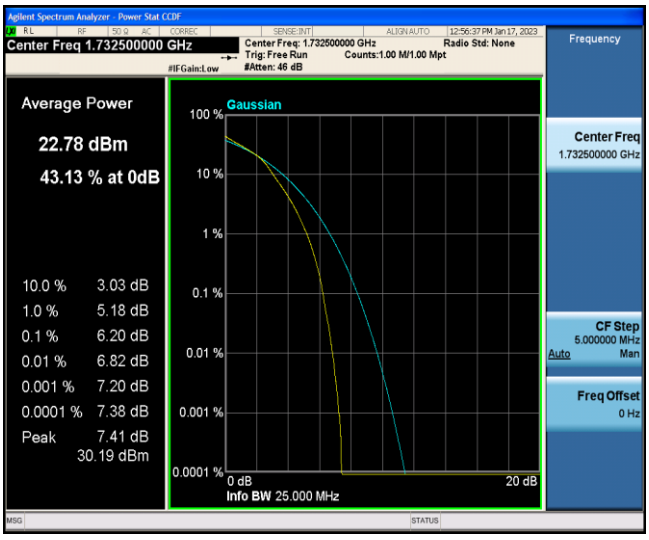

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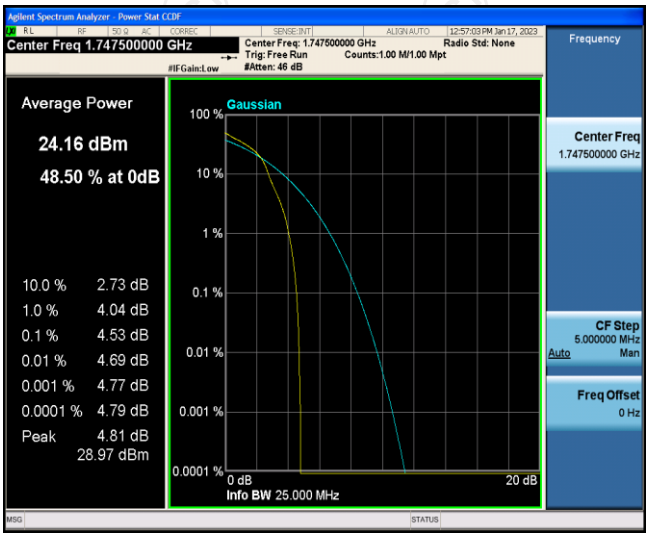
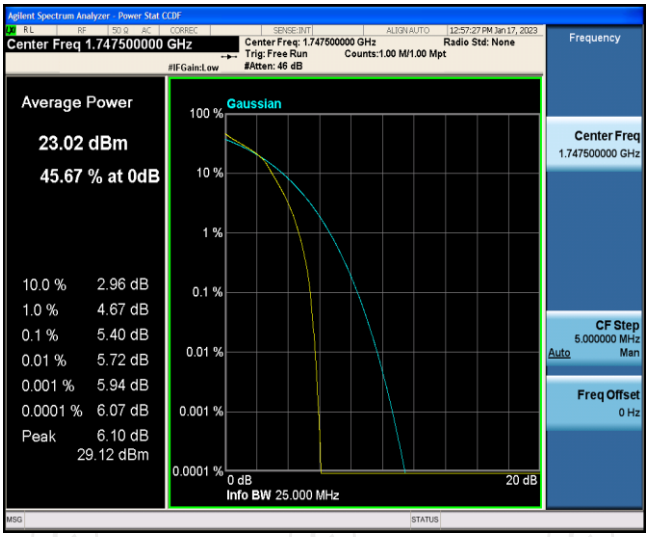
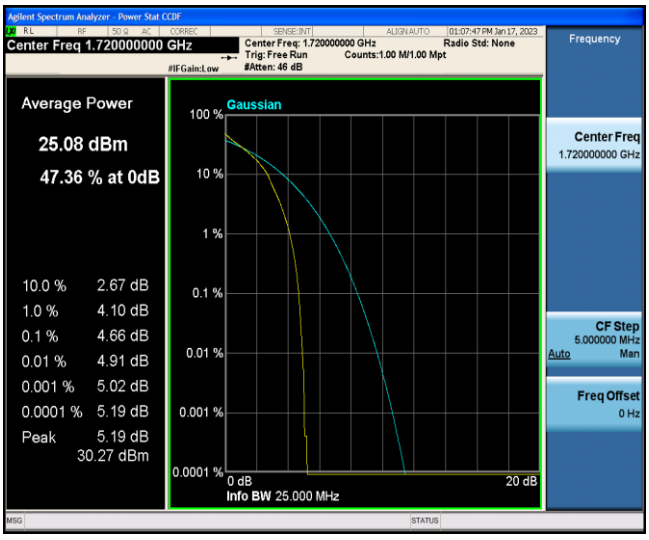


Band4-15MHz-16QAM-20325-75RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band4-20MHz-QPSK-20050-1RB#0



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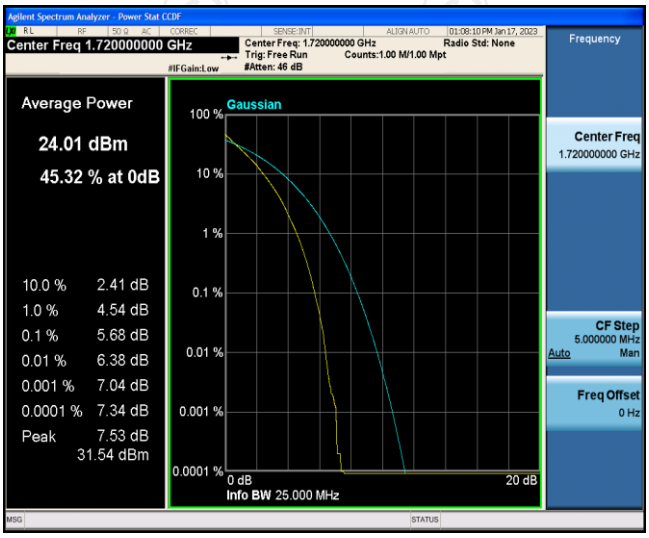

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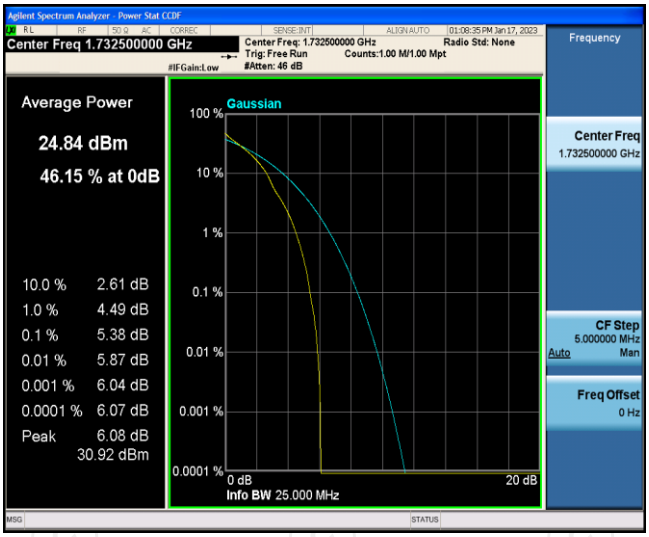

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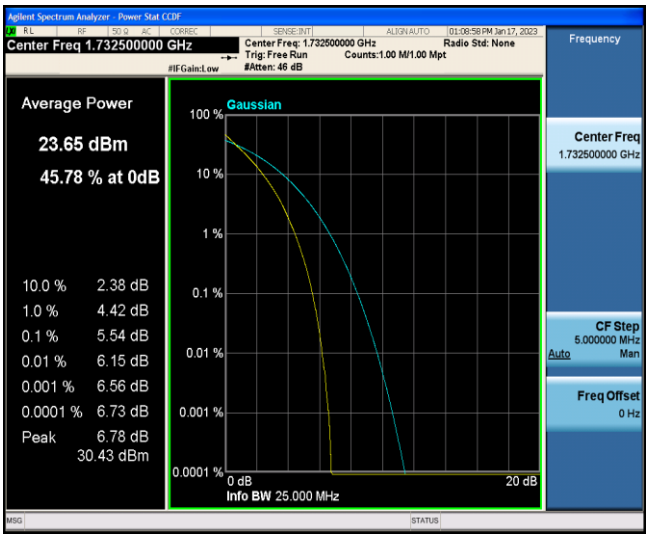

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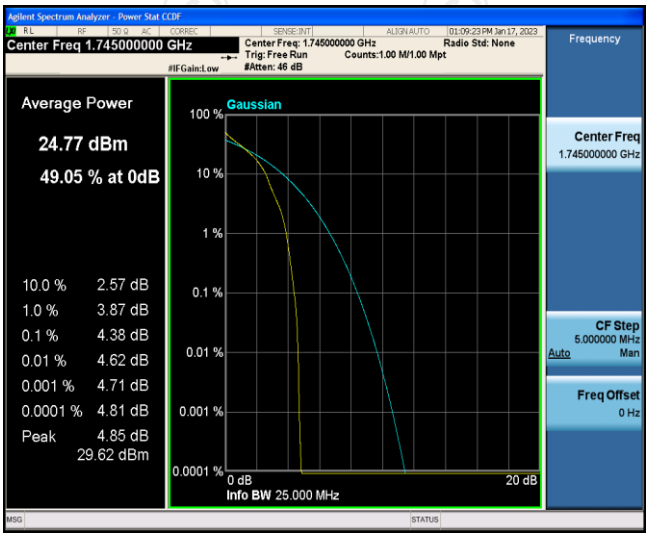

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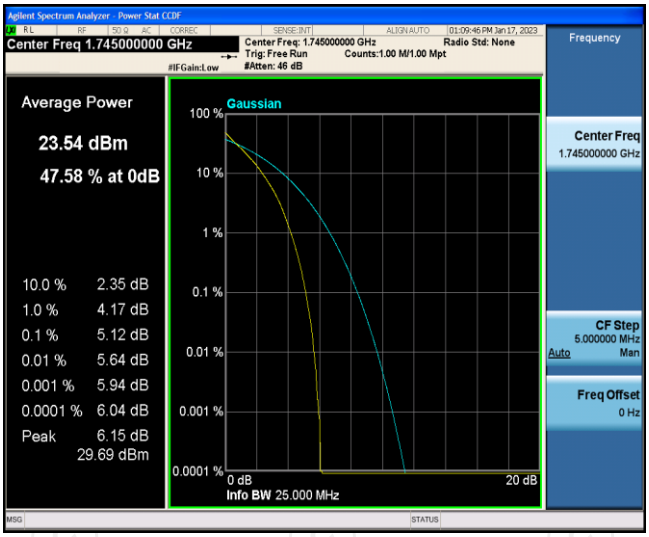

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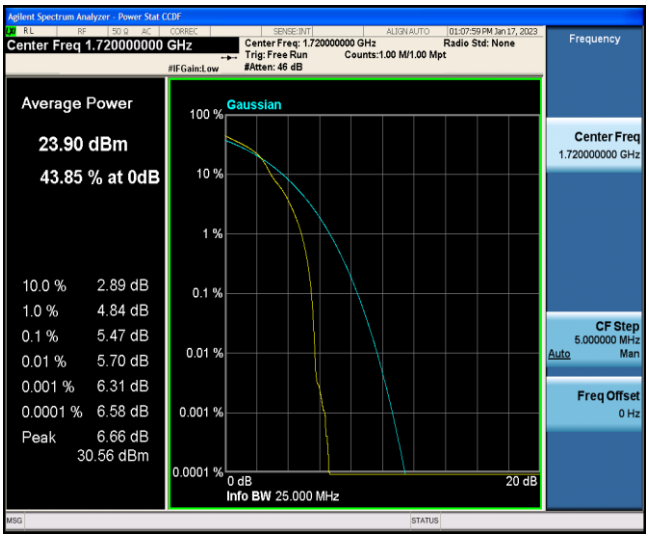

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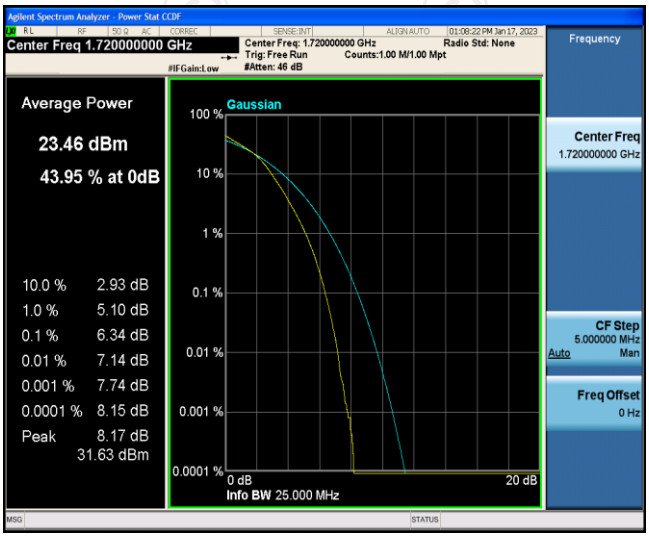

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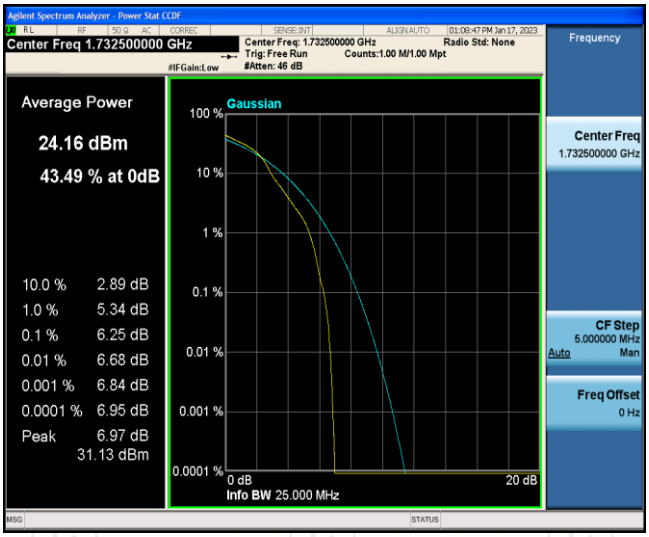

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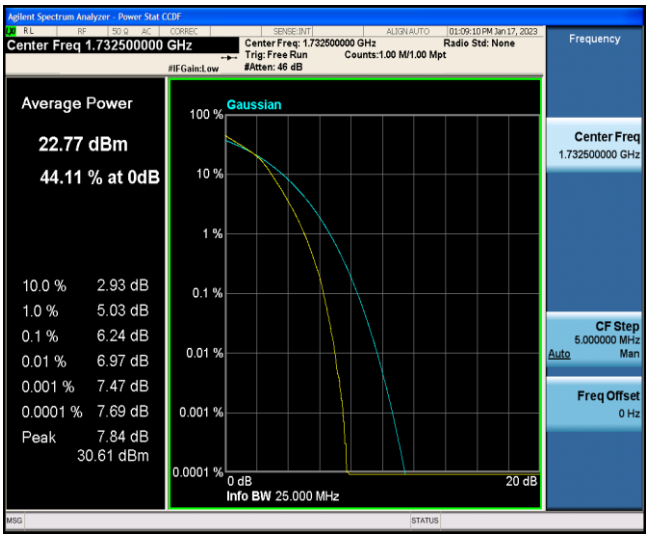

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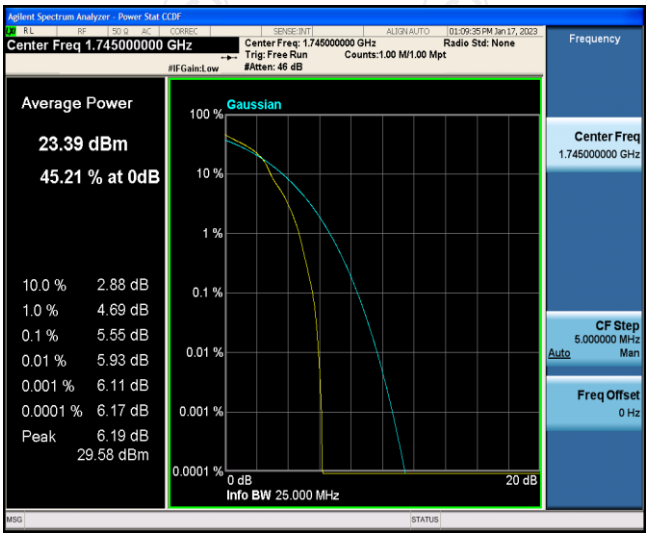

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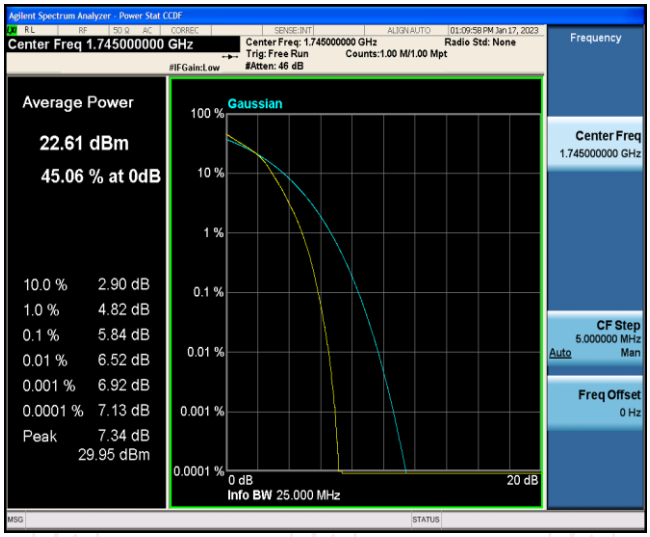

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
22.61 dBm
45.06 % at 0dB
10.0 % 2.90 dB
1.0 % 4.82 dB
0.1 % 5.84 dB
0.01 % 6.52 dB
0.001 % 6.92 dB
0.0001 % 7.13 dB
Peak 7.34 dB
29.95 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
1.745000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0949	1.232	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0896	1.239	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0880	1.228	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0880	1.234	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0886	1.232	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0912	1.240	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6906	2.962	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6959	2.949	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6976	2.973	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6972	2.957	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6953	2.962	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6986	2.962	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4969	4.878	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4952	4.862	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5041	4.858	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5002	4.875	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4885	4.893	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5075	4.838	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9766	9.559	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9976	9.572	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9771	9.544	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9770	9.584	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9810	9.553	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9773	9.552	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.482	14.29	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.466	14.33	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.449	14.27	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.472	14.33	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.461	14.33	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.471	14.38	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.988	18.99	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.962	19.04	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.961	19.01	PASS

Band4	20MHz	16QAM	20050	100RB#0	17.981	19.02	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.961	19.02	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.979	19.06	PASS

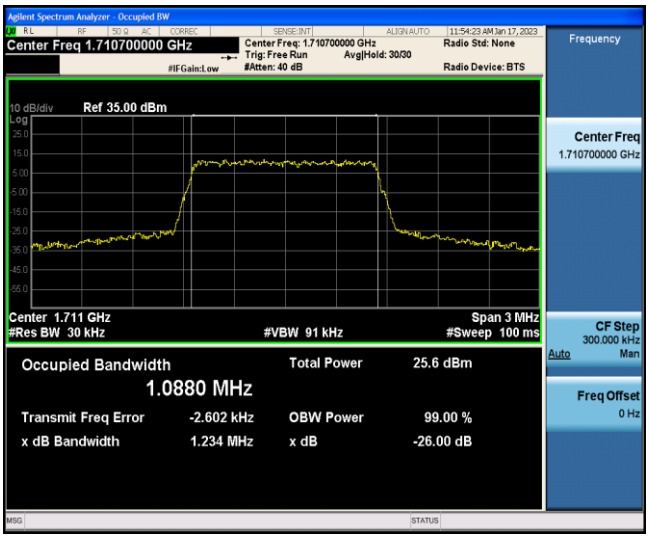
Test Graphs

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

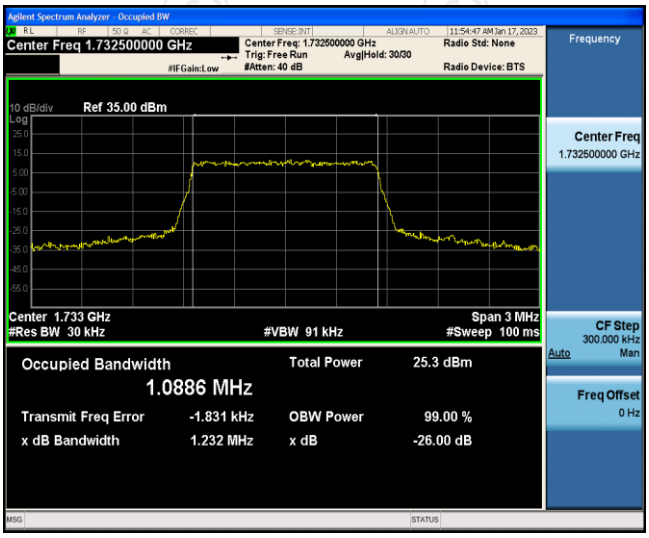
Band4-1.4MHz-QPSK-20175-6RB#0

Band4-1.4MHz-QPSK-20393-6RB#0

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



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



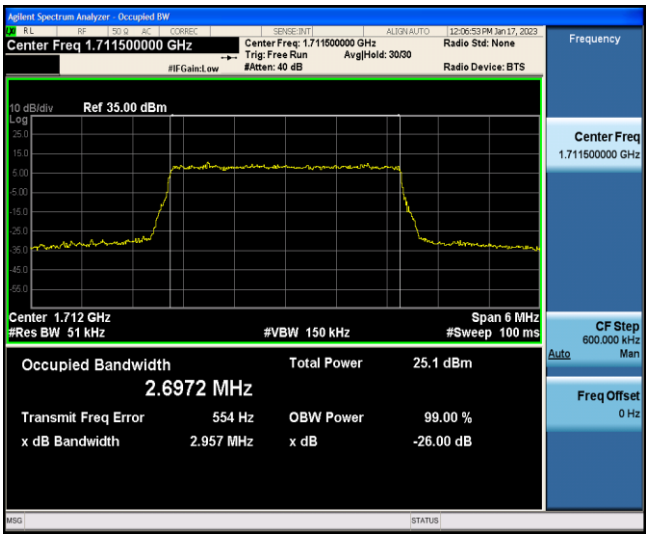
Band4-1.4MHz-16QAM-20393-6RB#0

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

Band4-3MHz-QPSK-20175-15RB#0

Band4-3MHz-QPSK-20385-15RB#0

Band4-3MHz-16QAM-19965-15RB#0

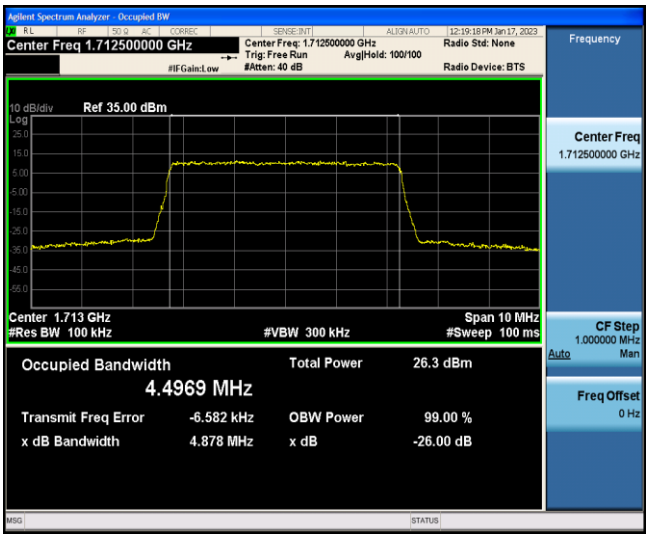


Band4-3MHz-16QAM-20175-15RB#0

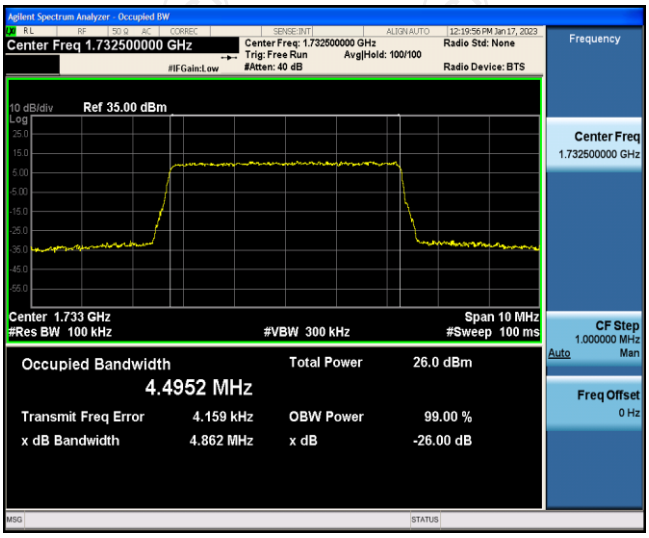
Band4-3MHz-16QAM-20385-15RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band4-5MHz-QPSK-19975-25RB#0



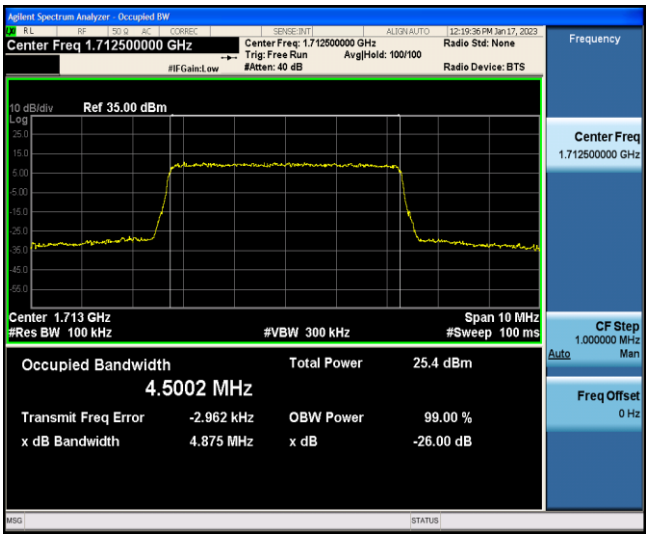
Band4-5MHz-QPSK-20175-25RB#0



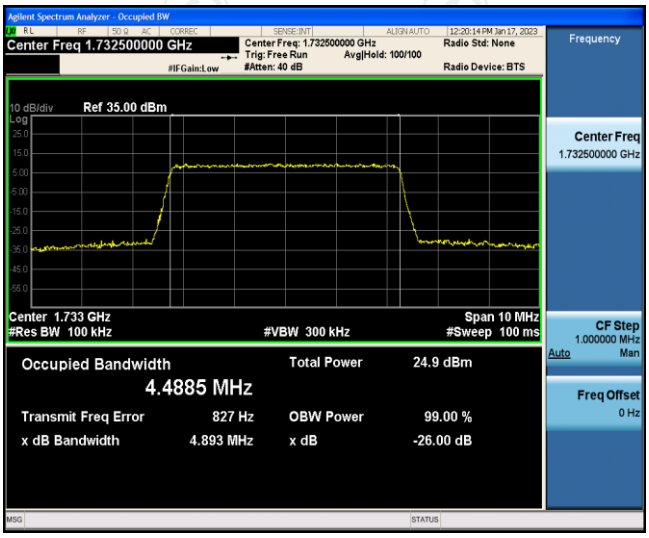
Band4-5MHz-QPSK-20375-25RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20175-25RB#0



Band4-5MHz-16QAM-20375-25RB#0

Band4-10MHz-QPSK-20000-50RB#0

Band4-10MHz-QPSK-20175-50RB#0

Band4-10MHz-QPSK-20350-50RB#0

Band4-10MHz-16QAM-20000-50RB#0

Band4-10MHz-16QAM-20175-50RB#0

Band4-10MHz-16QAM-20350-50RB#0

Band4-15MHz-QPSK-20025-75RB#0

Band4-15MHz-QPSK-20175-75RB#0

Band4-15MHz-QPSK-20325-75RB#0

Band4-15MHz-16QAM-20025-75RB#0

Band4-15MHz-16QAM-20175-75RB#0

Band4-15MHz-16QAM-20325-75RB#0

Band4-20MHz-QPSK-20050-100RB#0

Band4-20MHz-QPSK-20175-100RB#0

Band4-20MHz-QPSK-20300-100RB#0