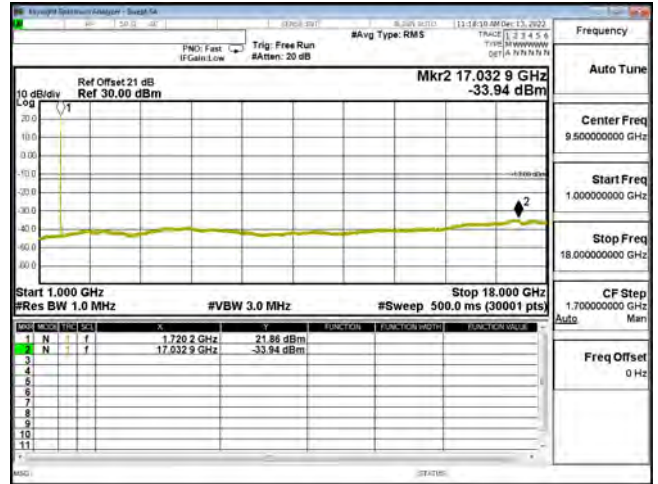




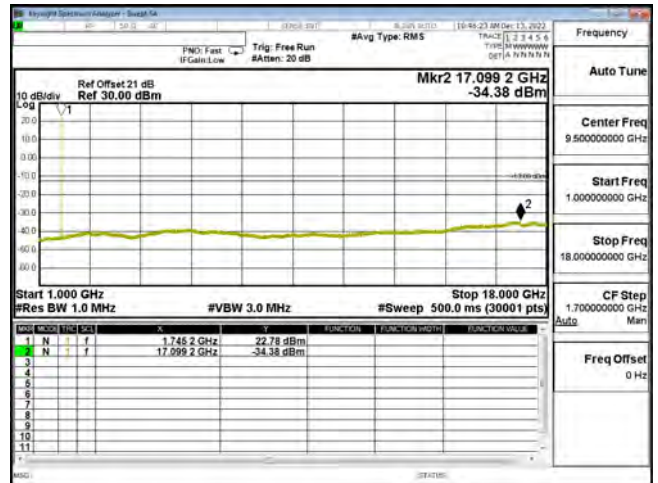
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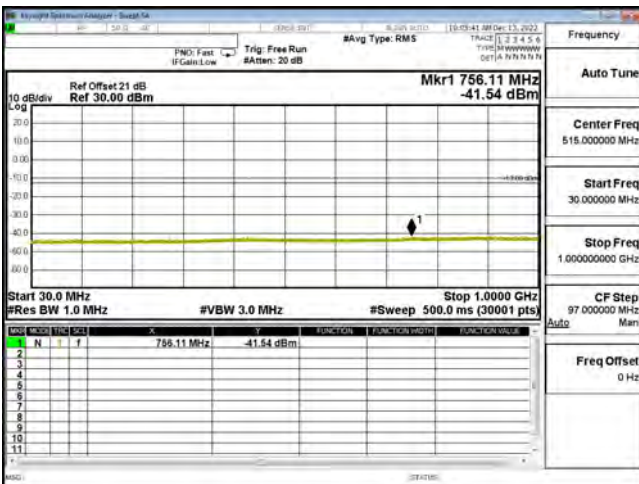
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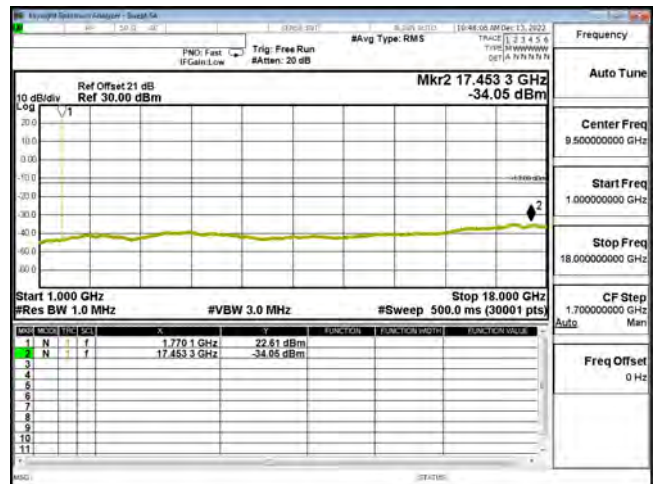
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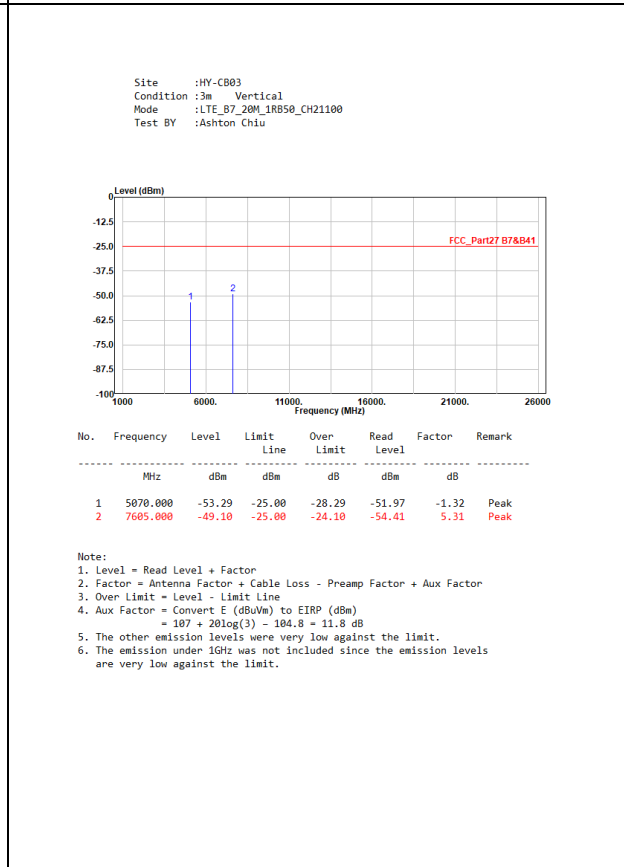
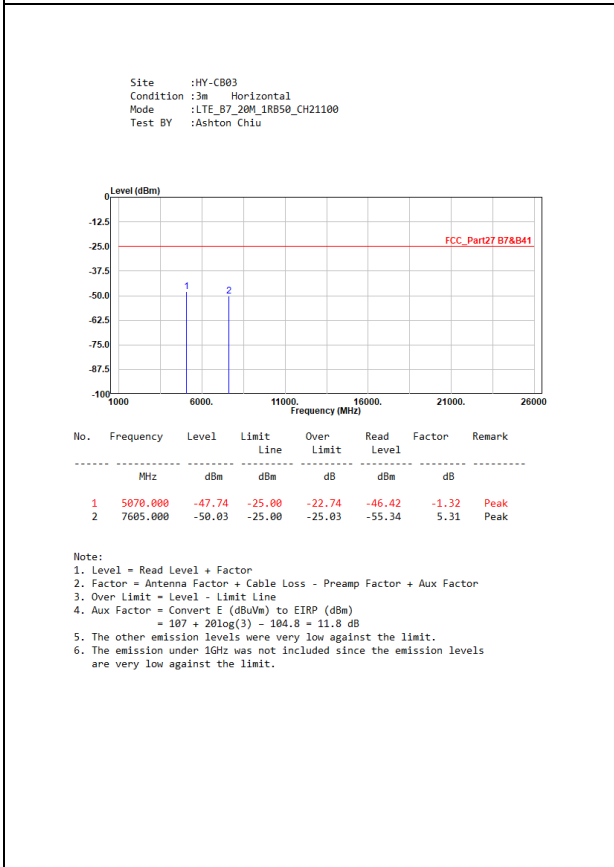
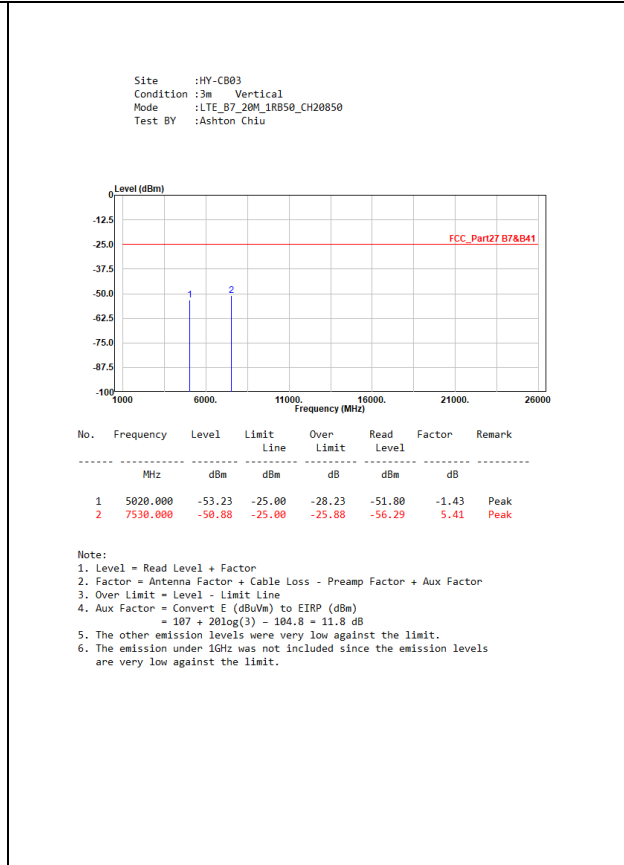
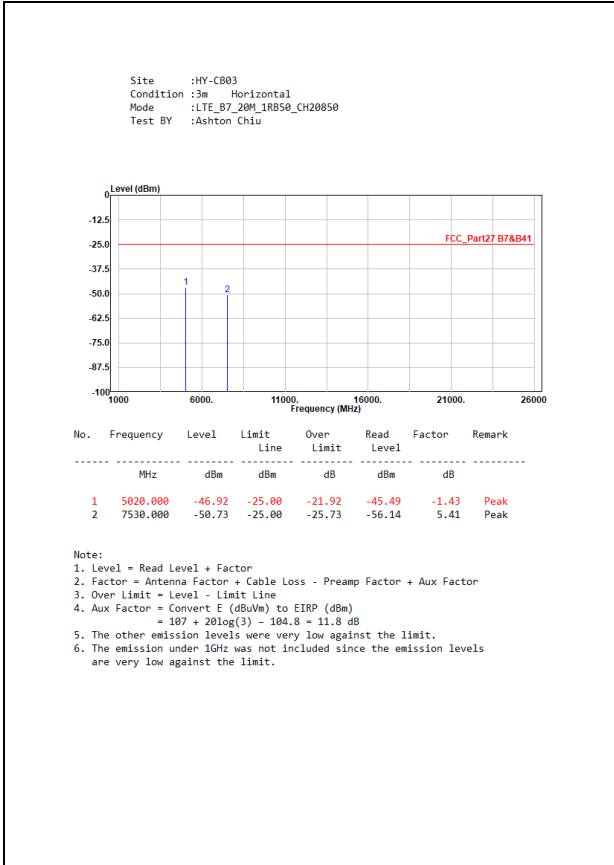
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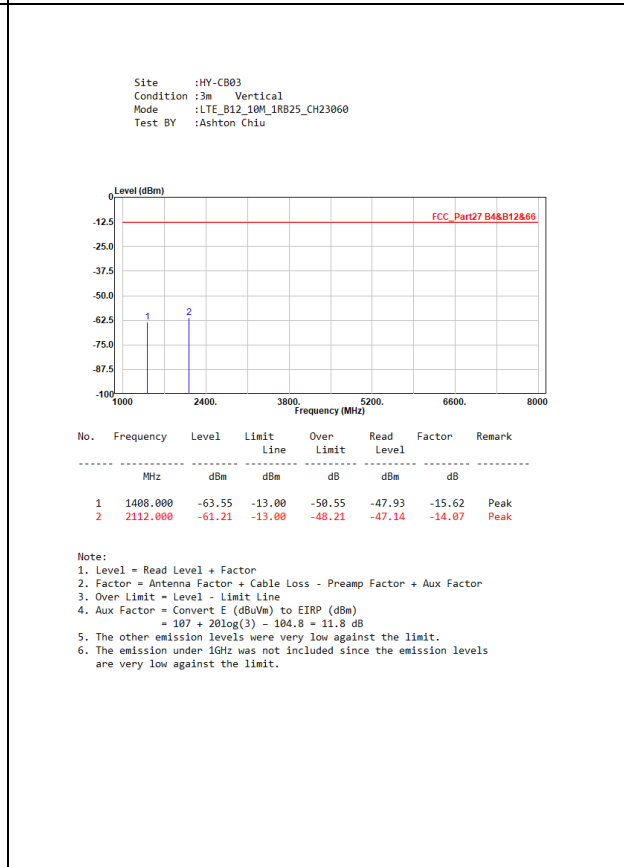
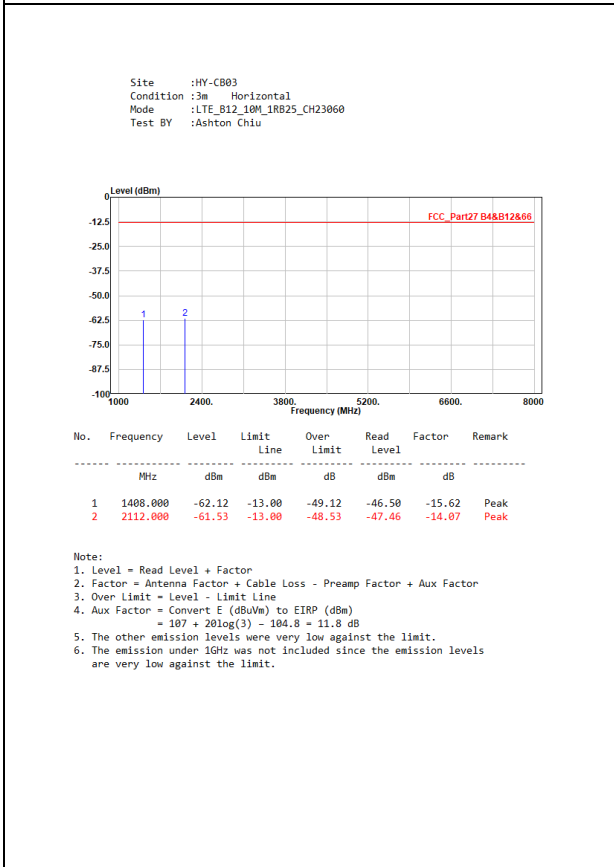
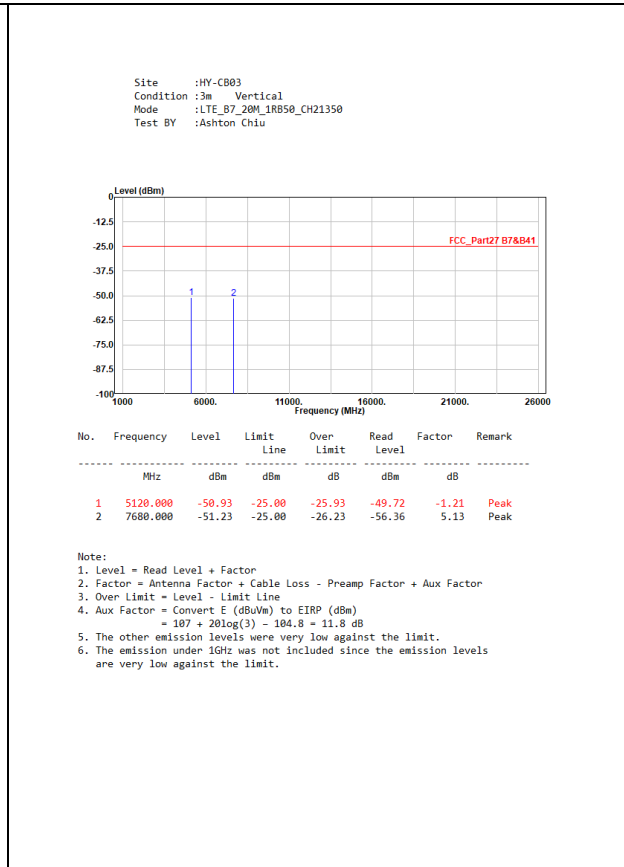
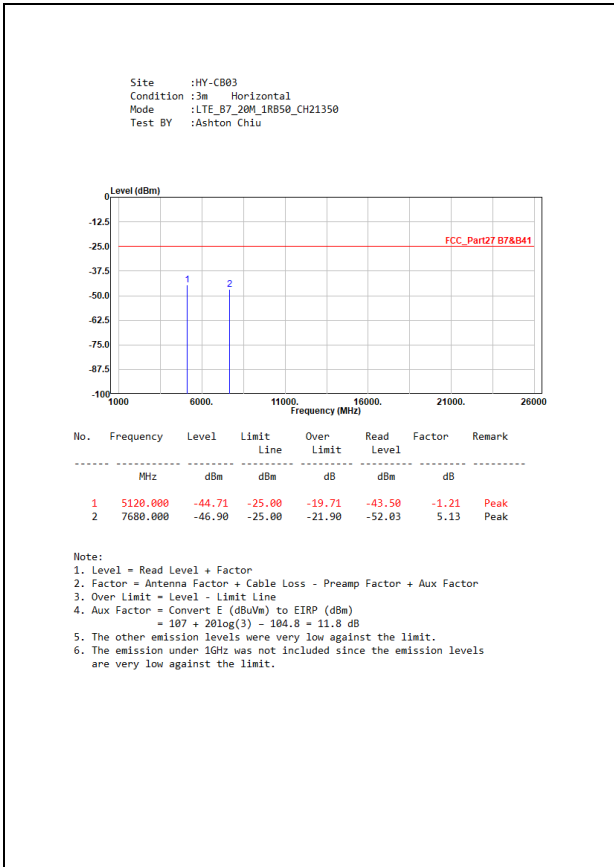


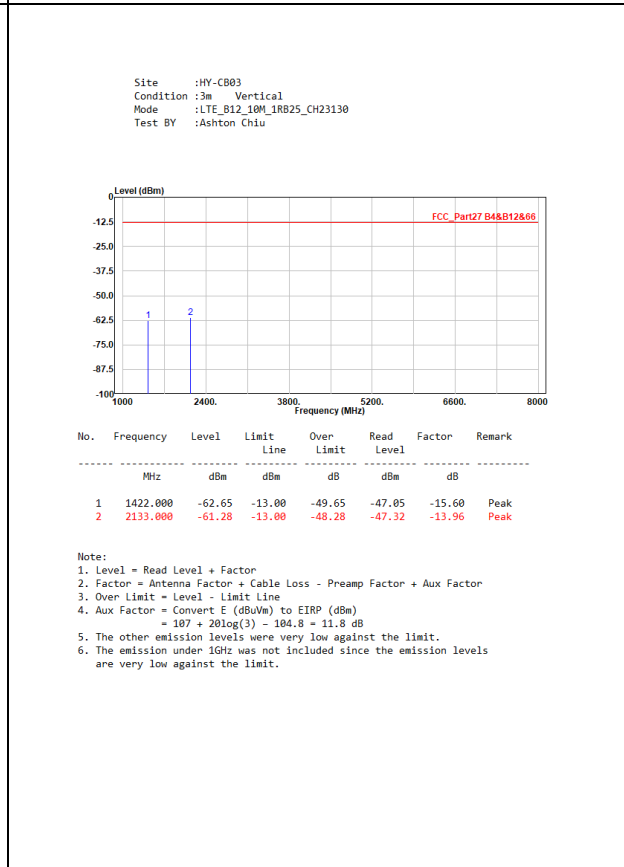
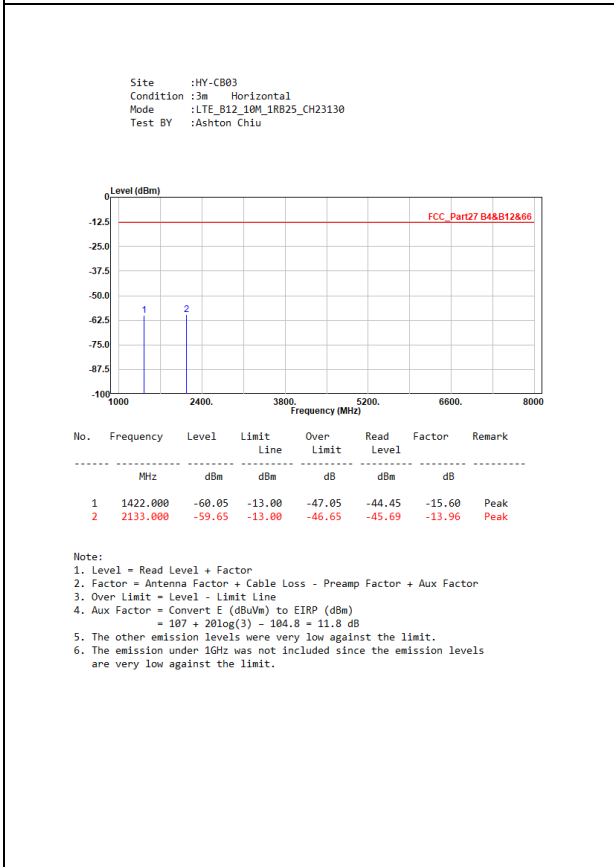
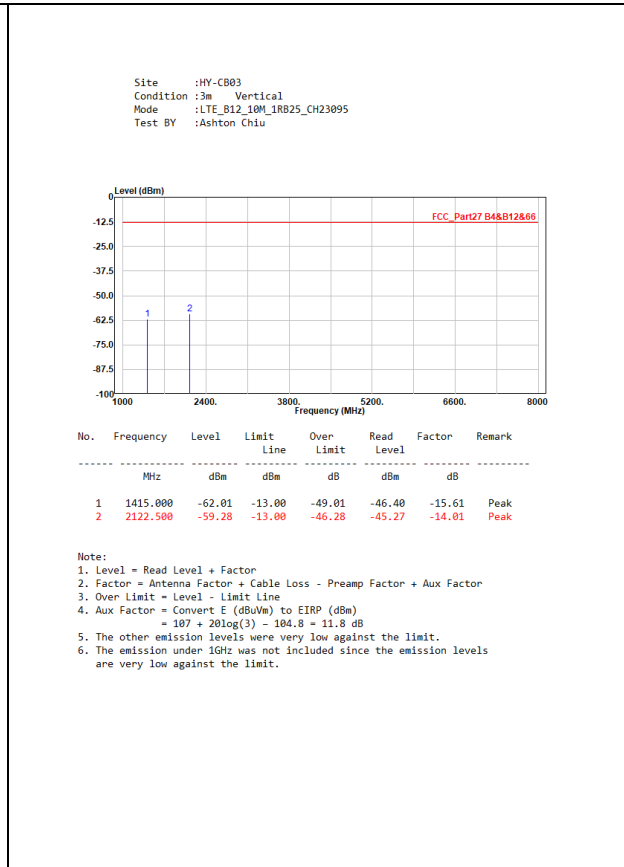
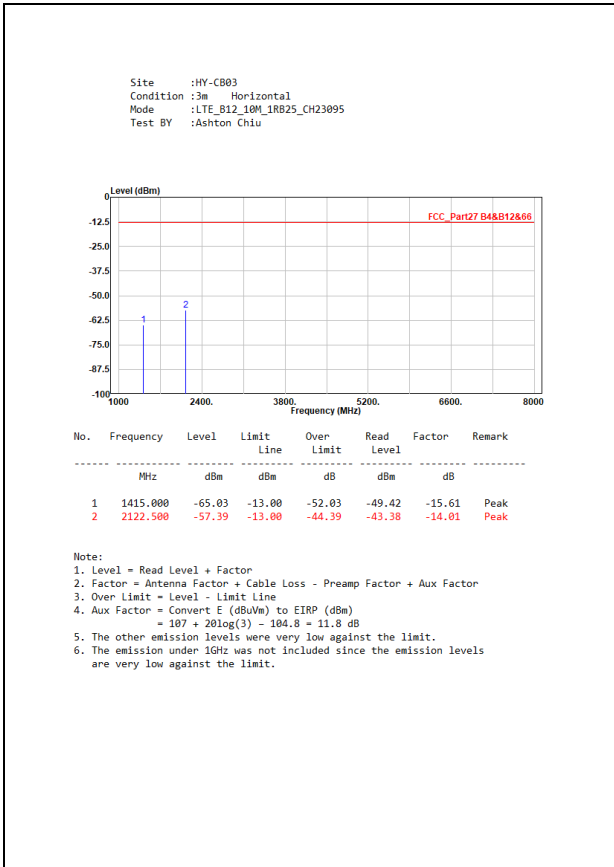
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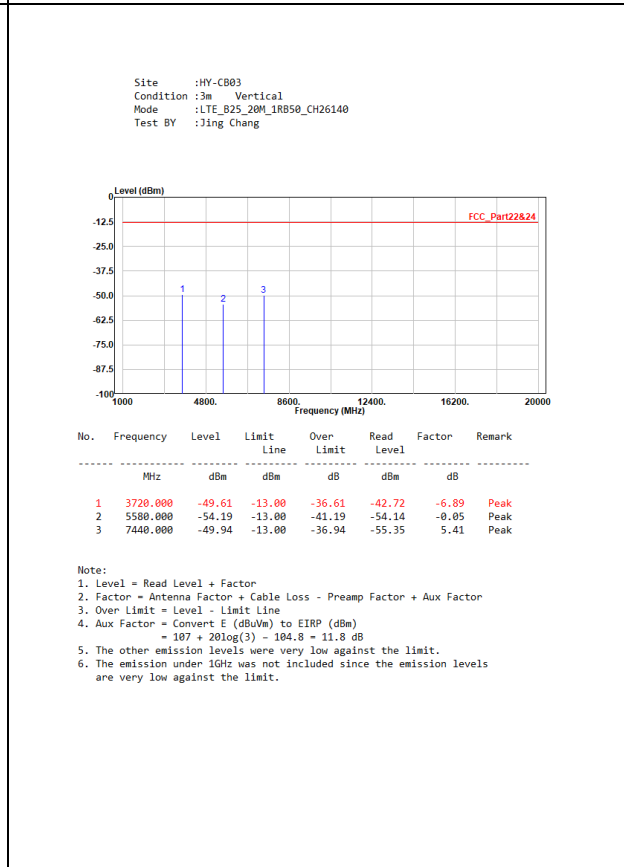
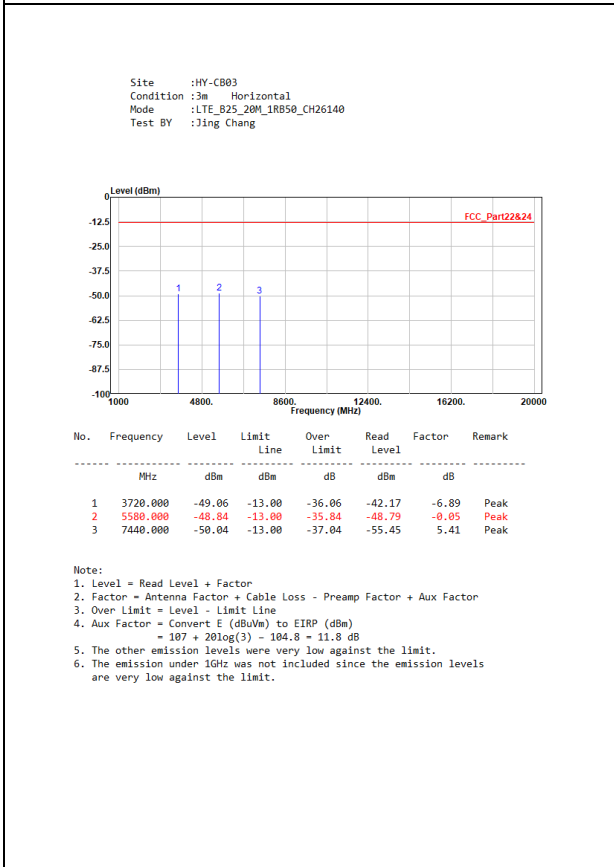
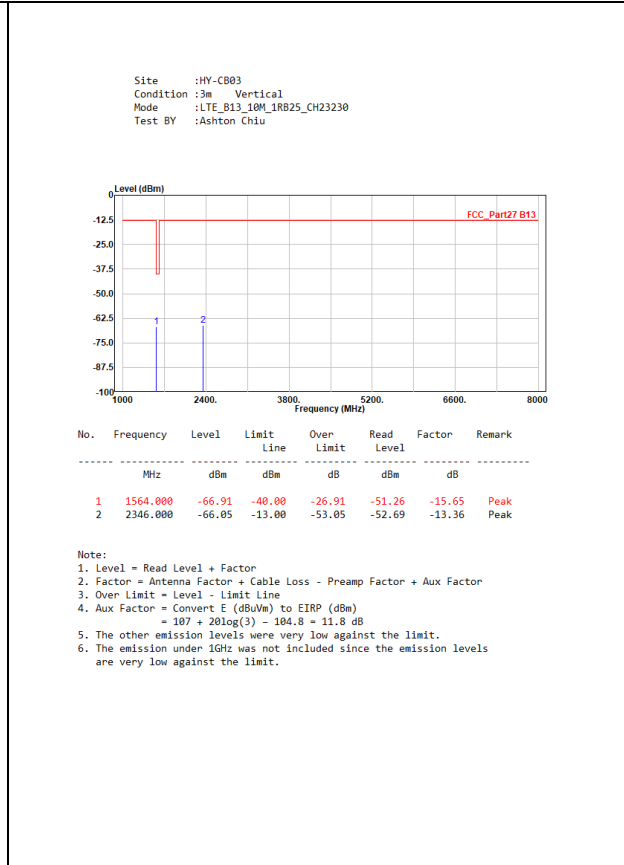
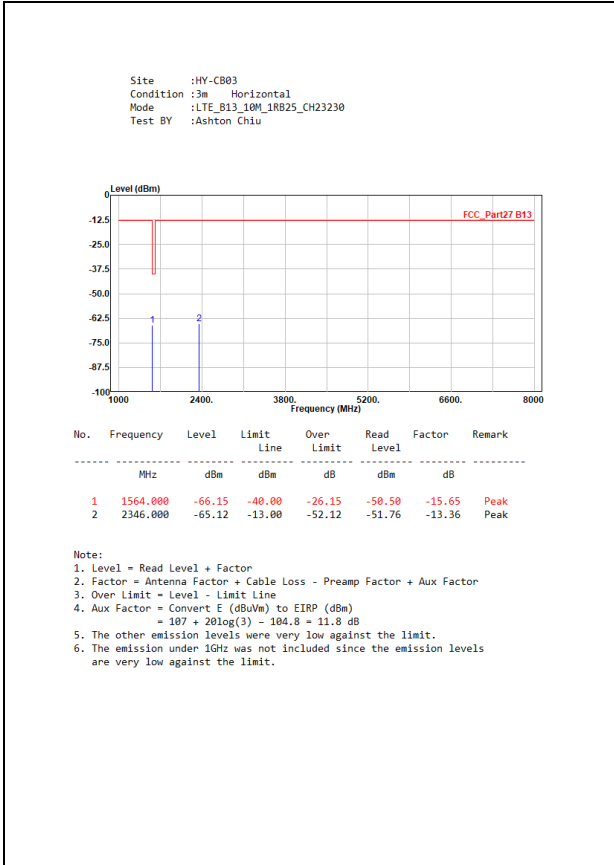


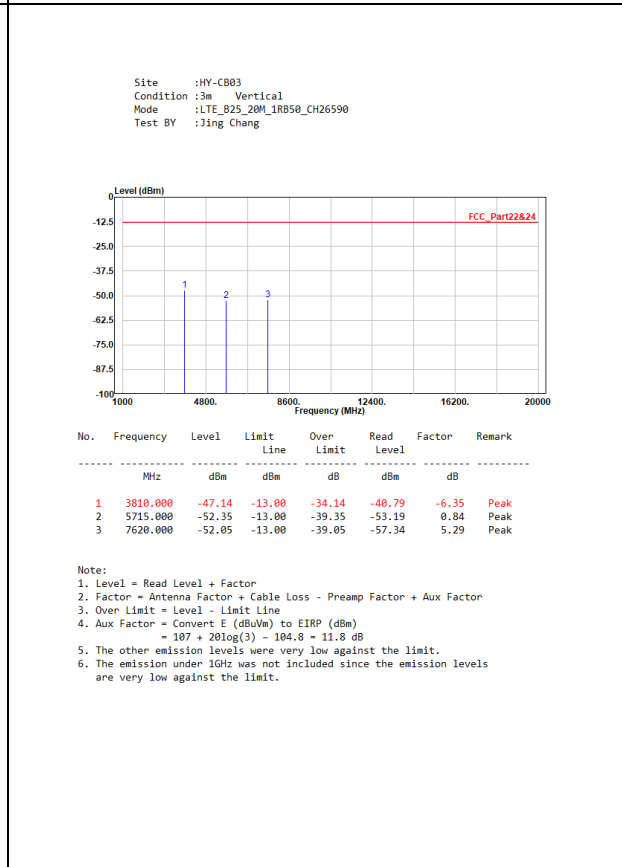
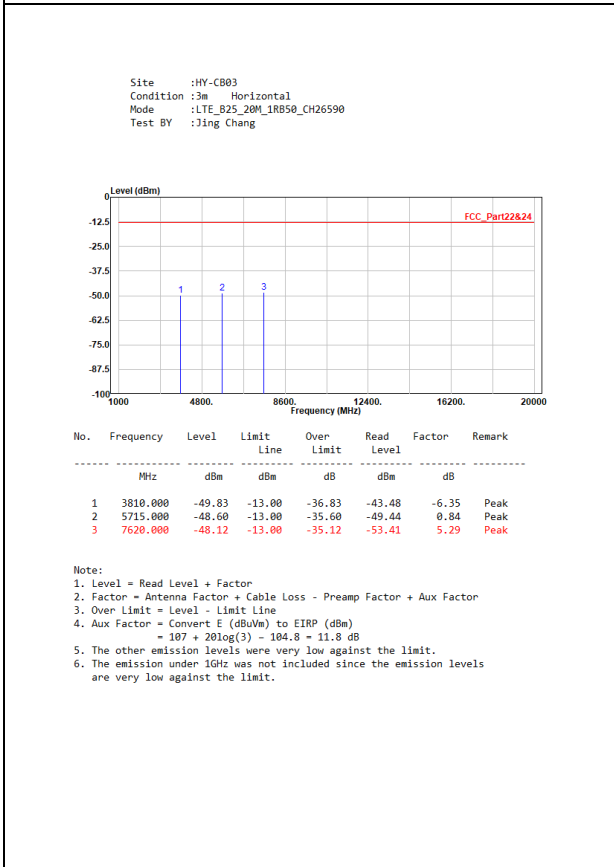
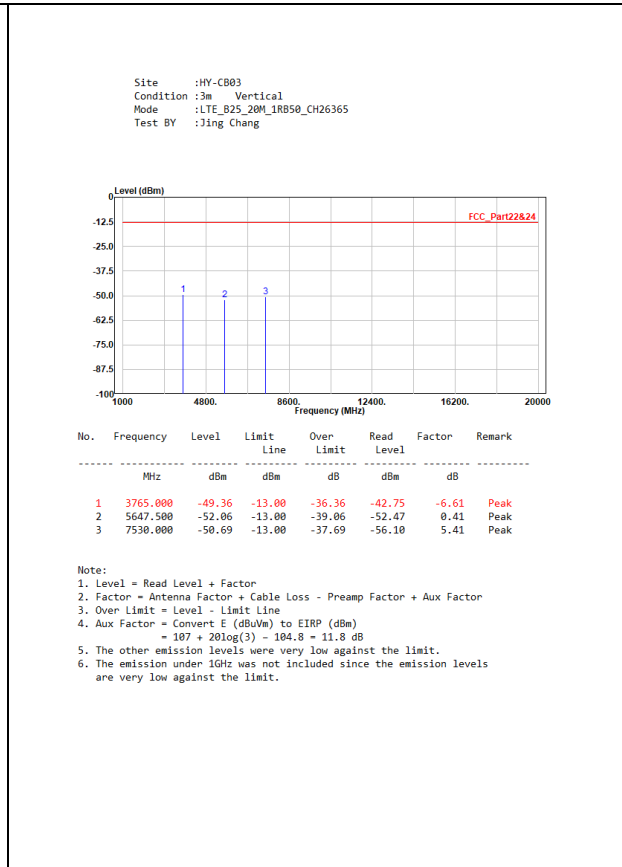
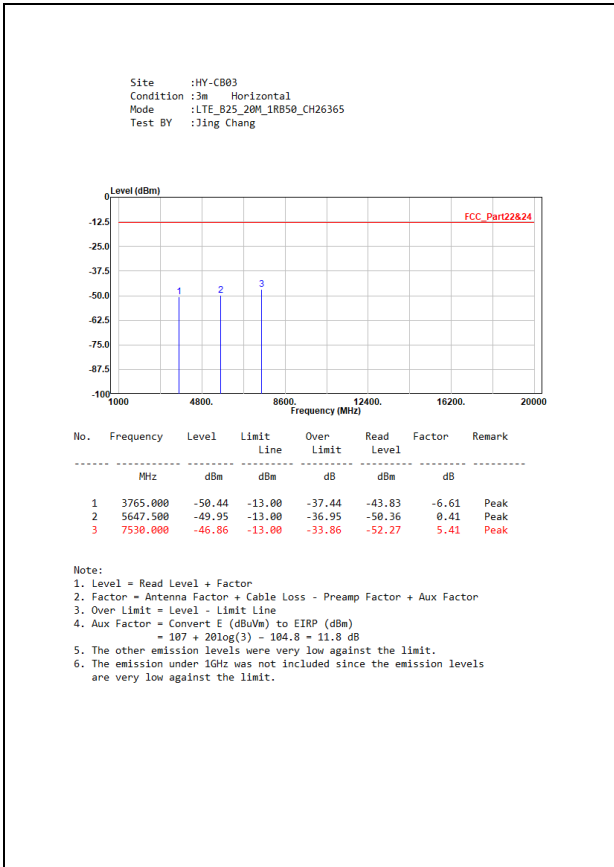
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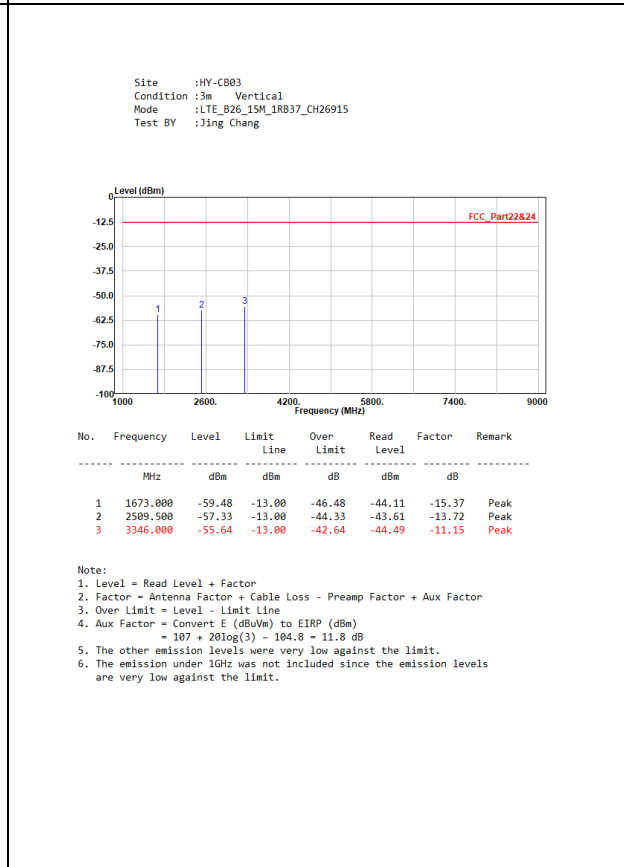
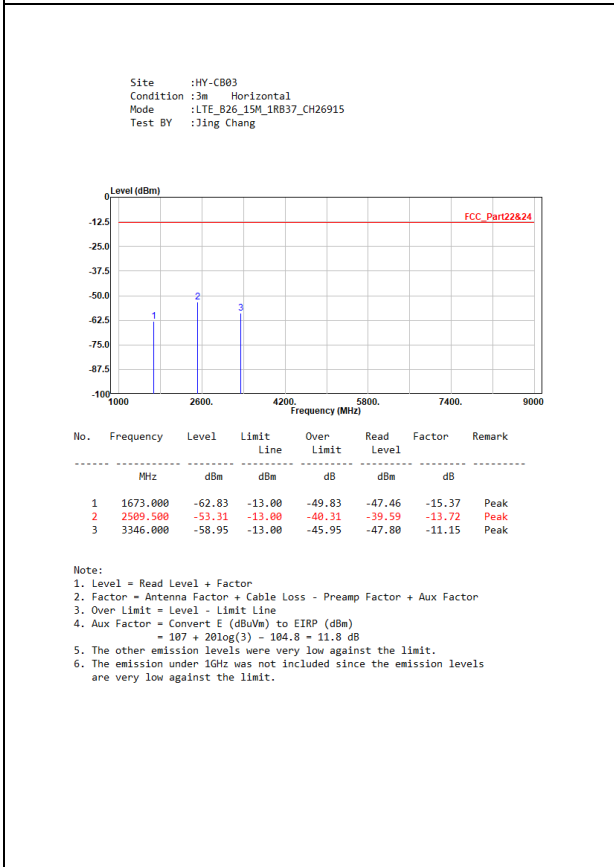
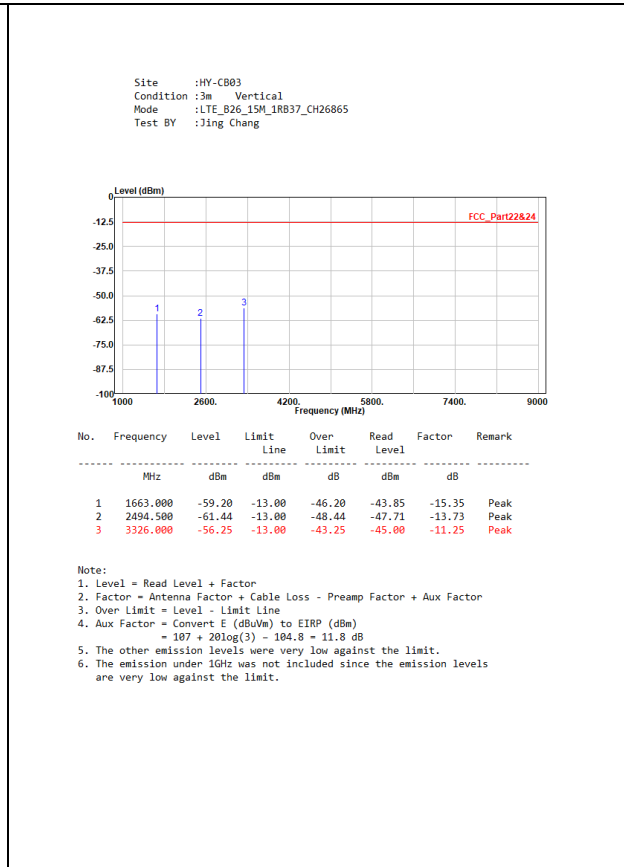
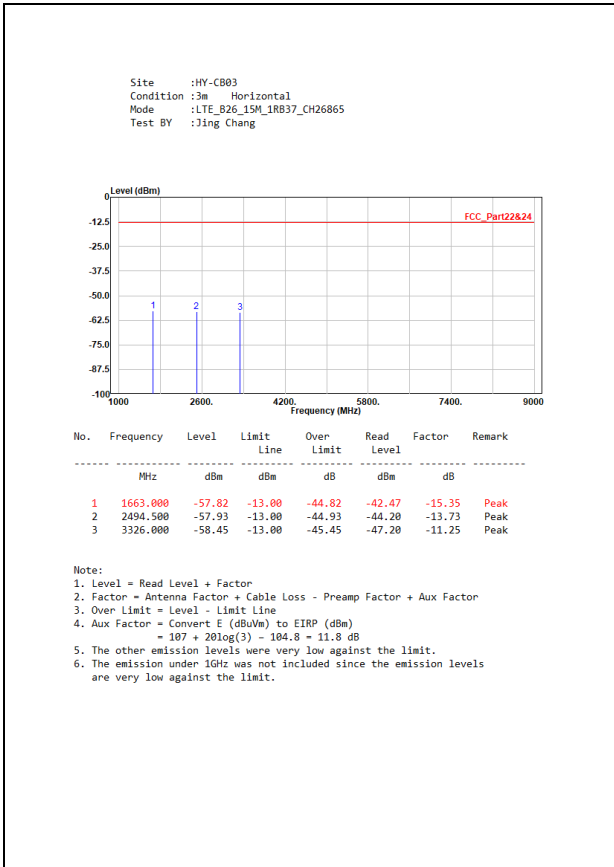


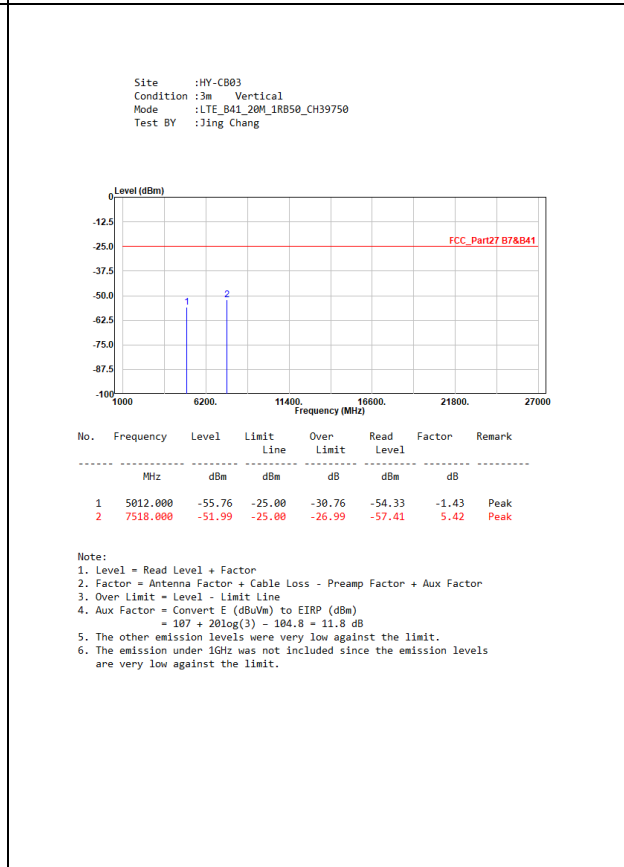
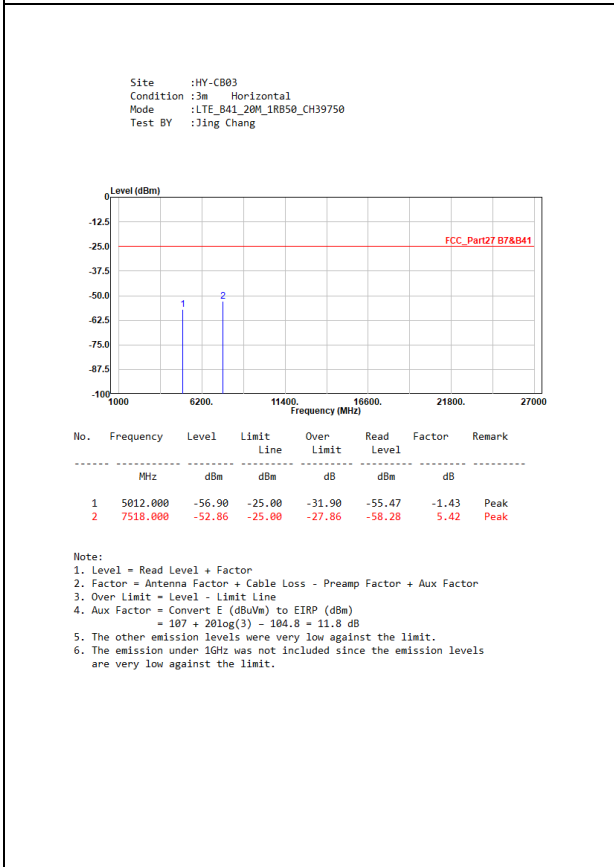
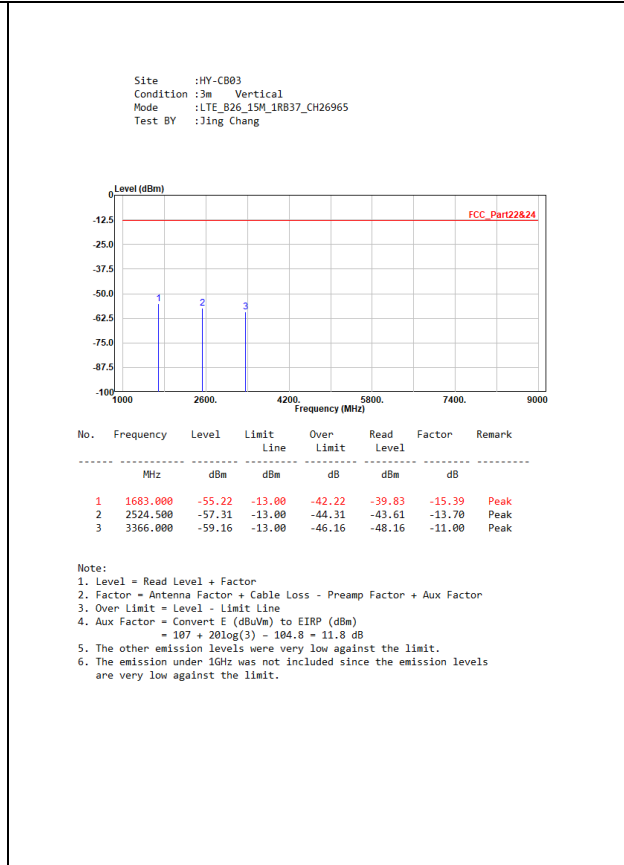
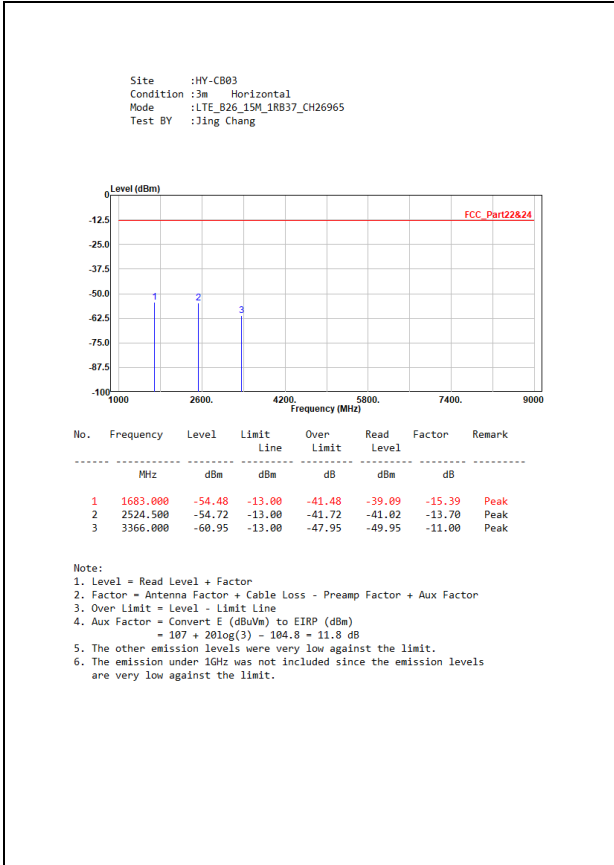


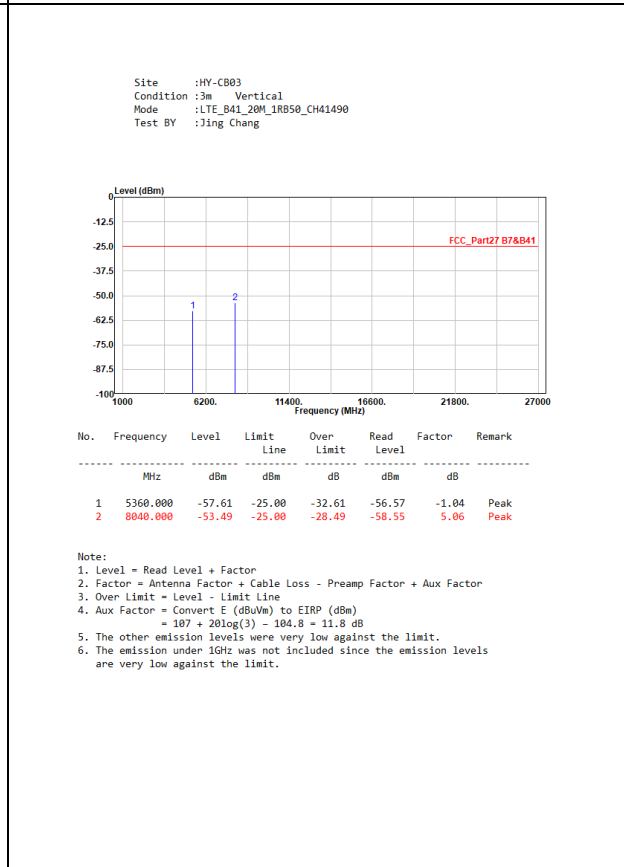
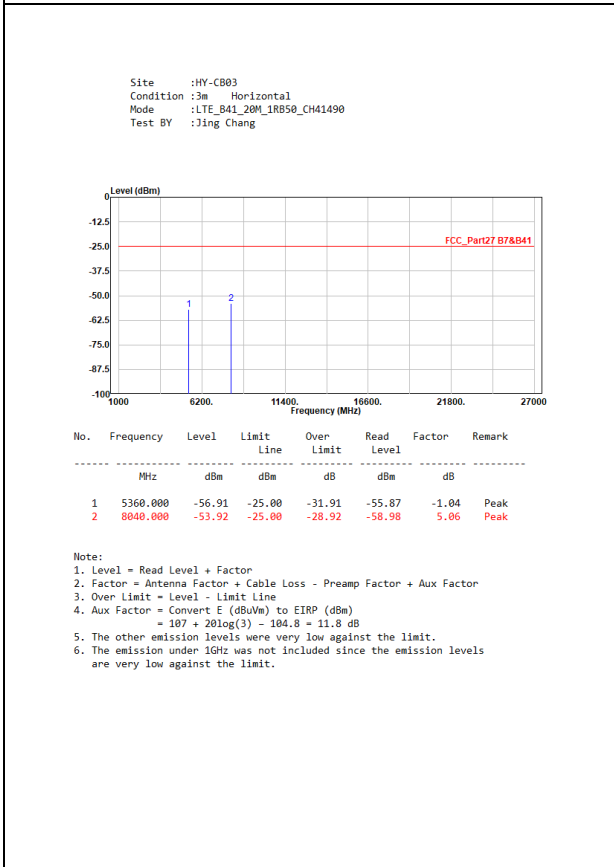
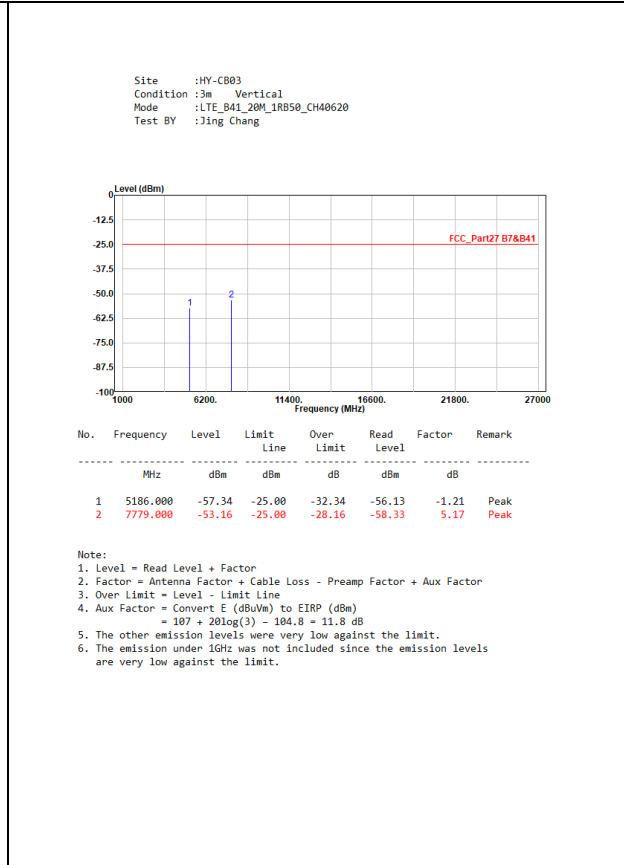
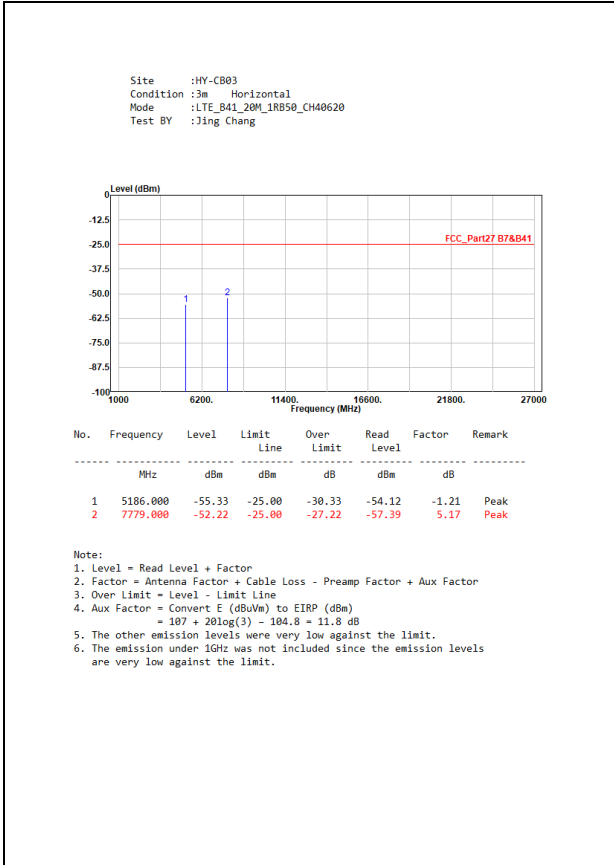


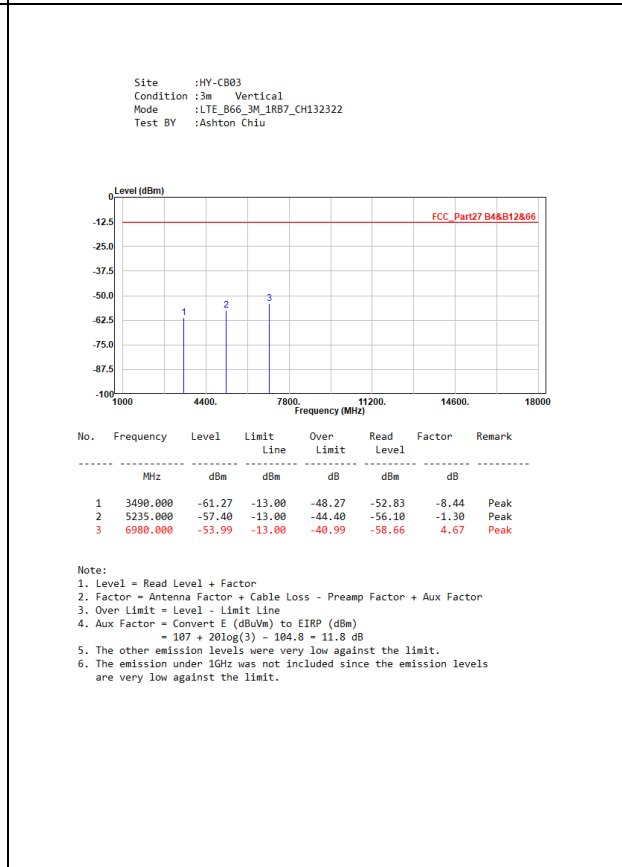
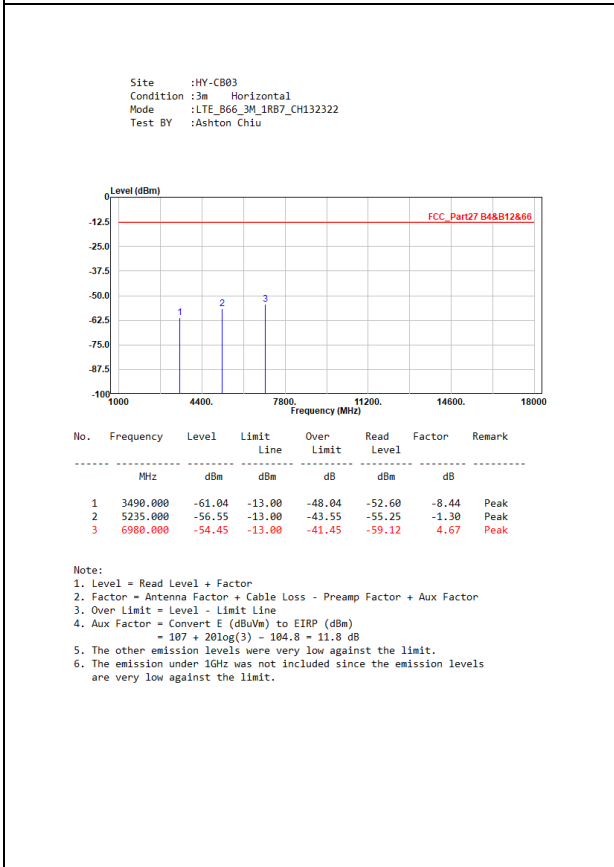
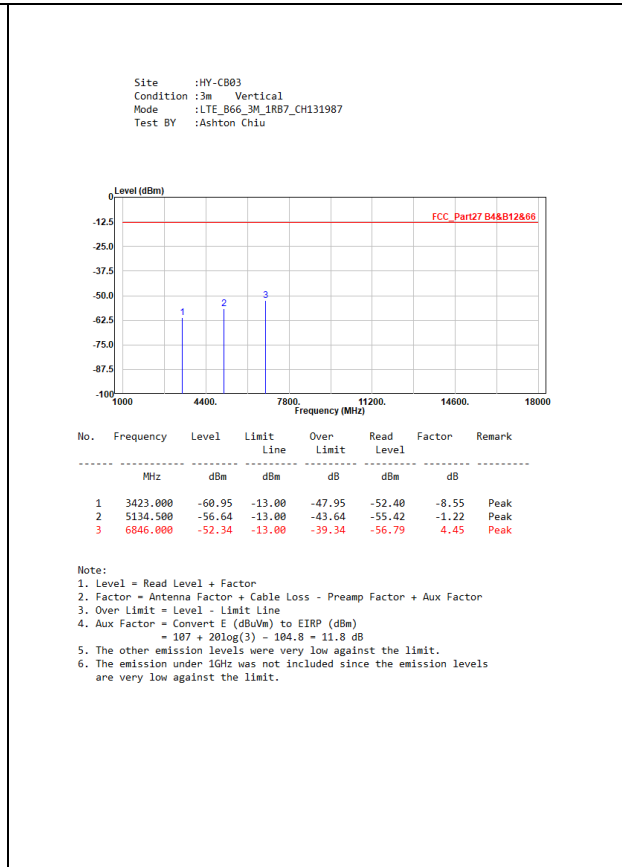
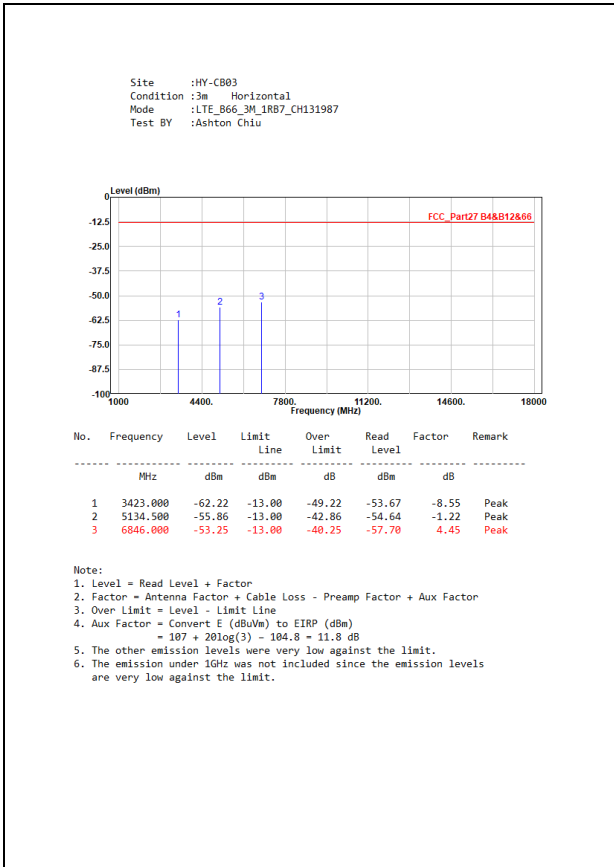


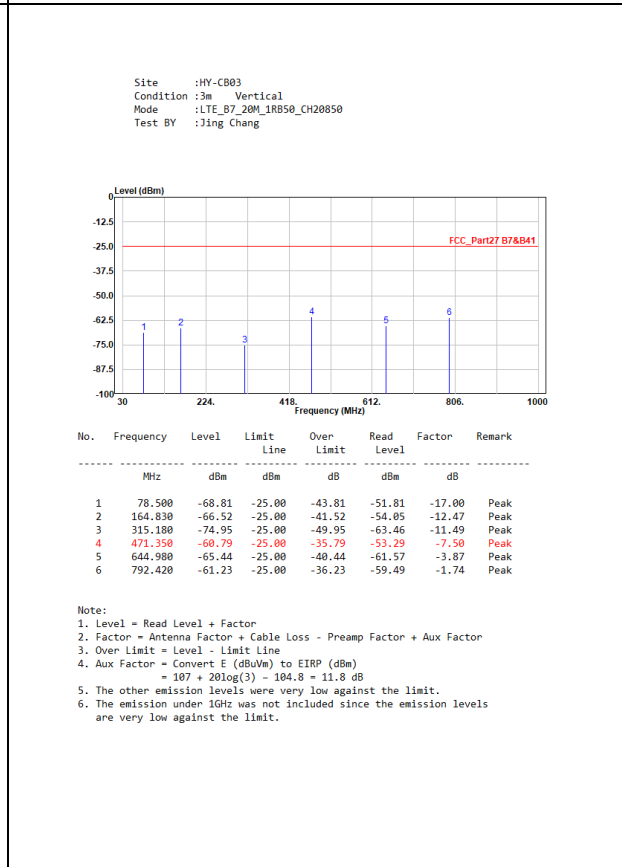
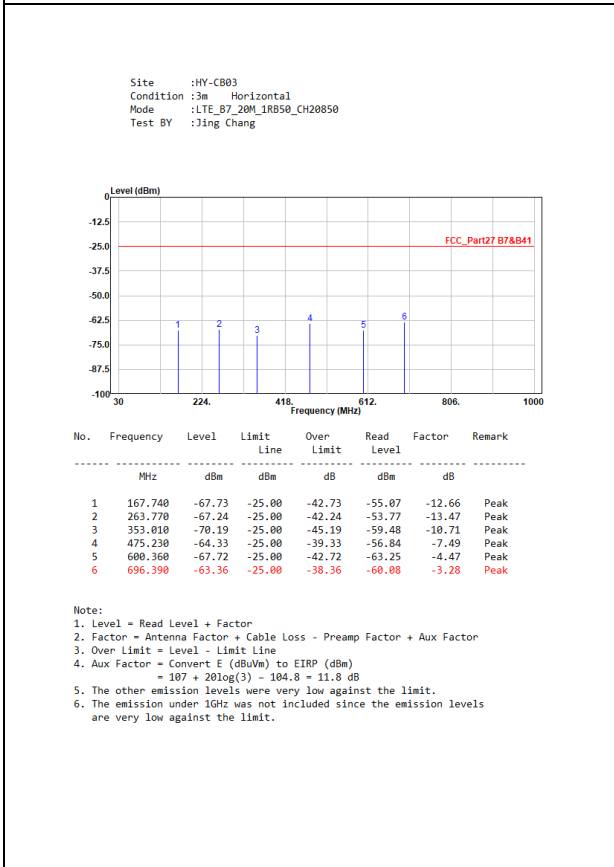
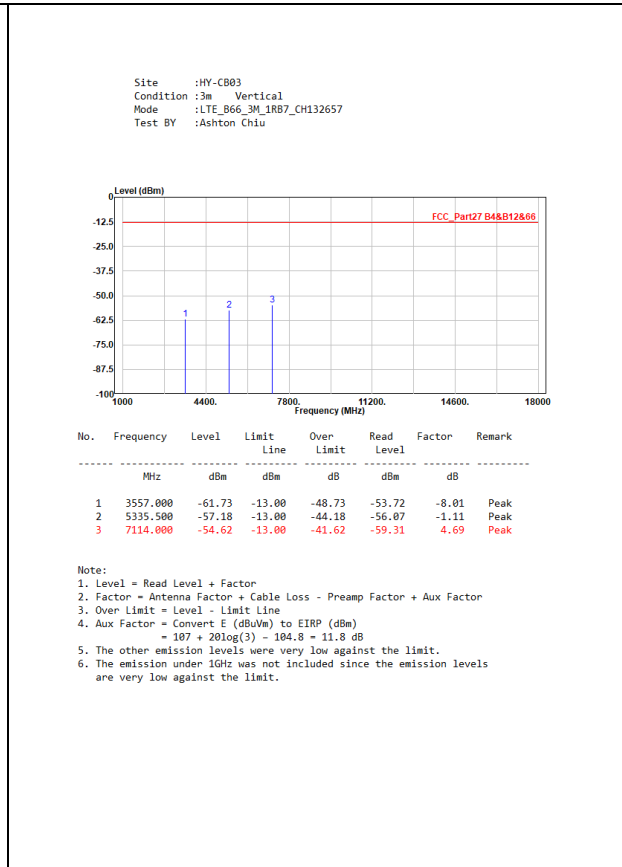
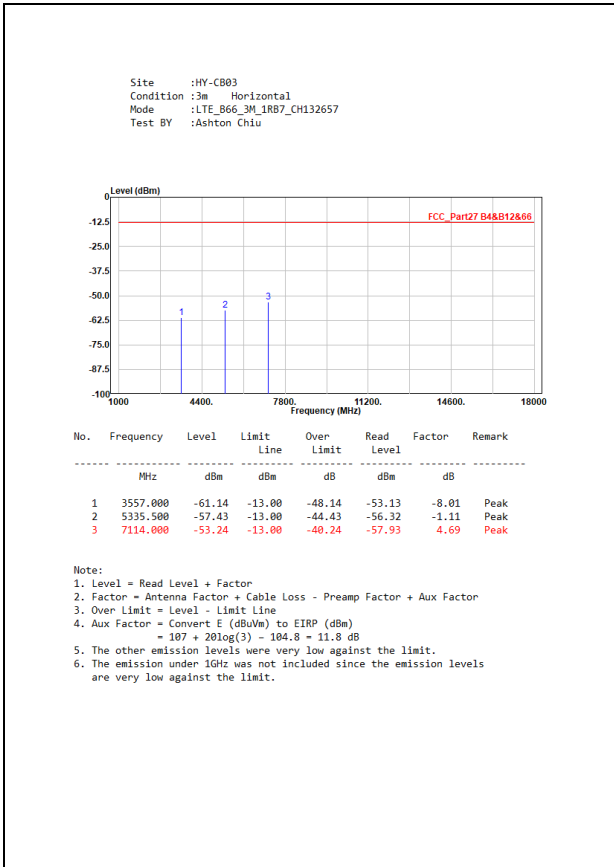


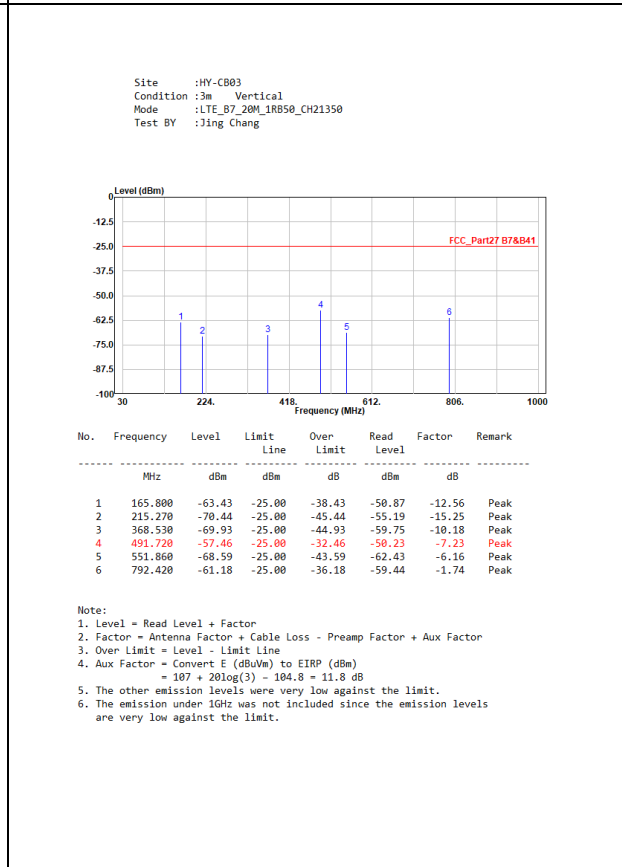
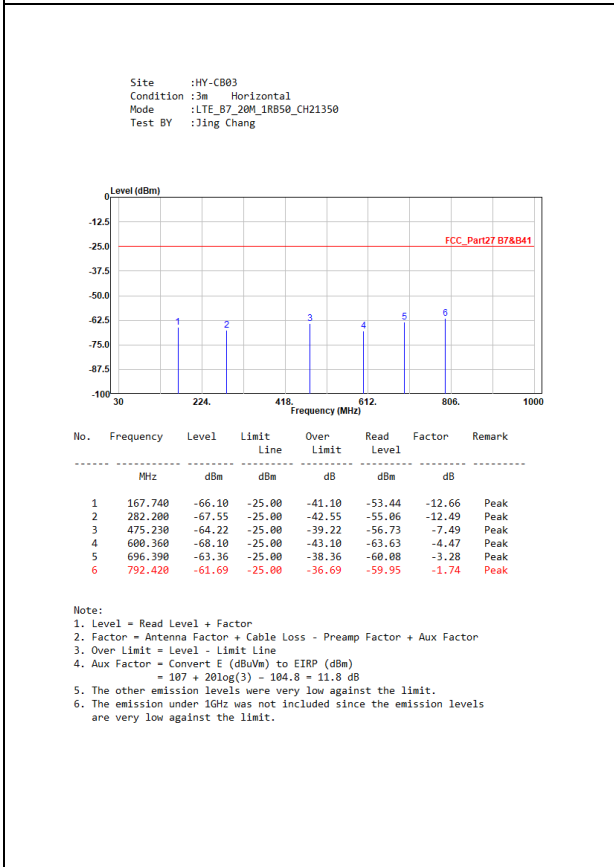
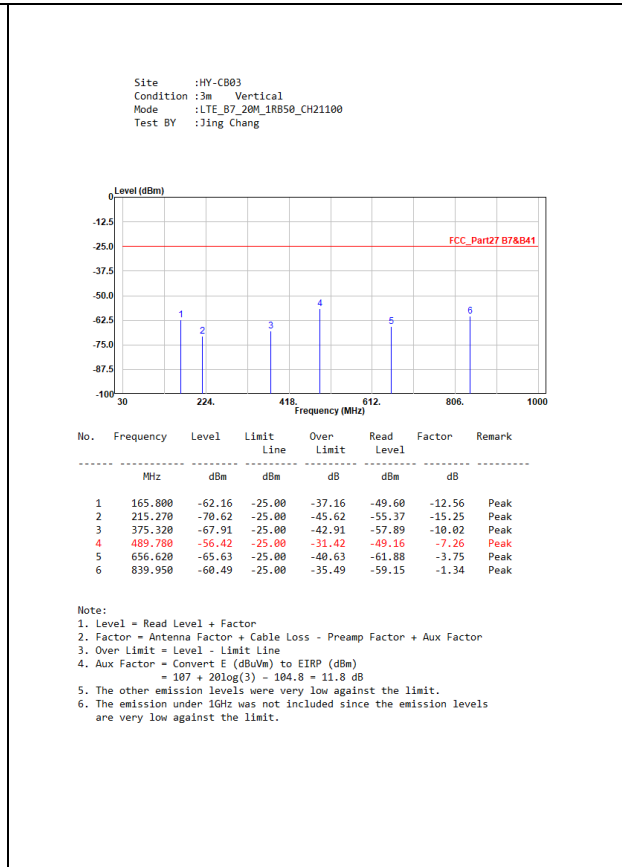
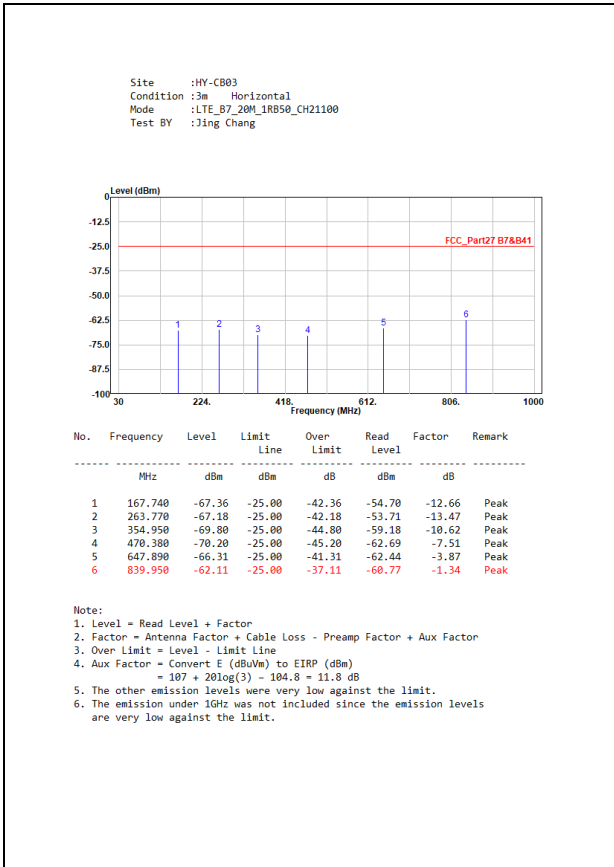


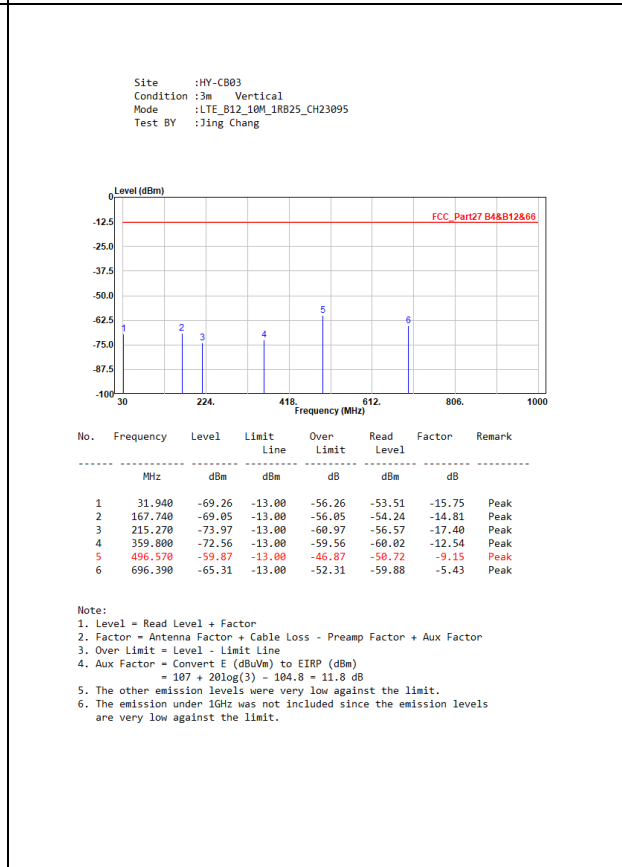
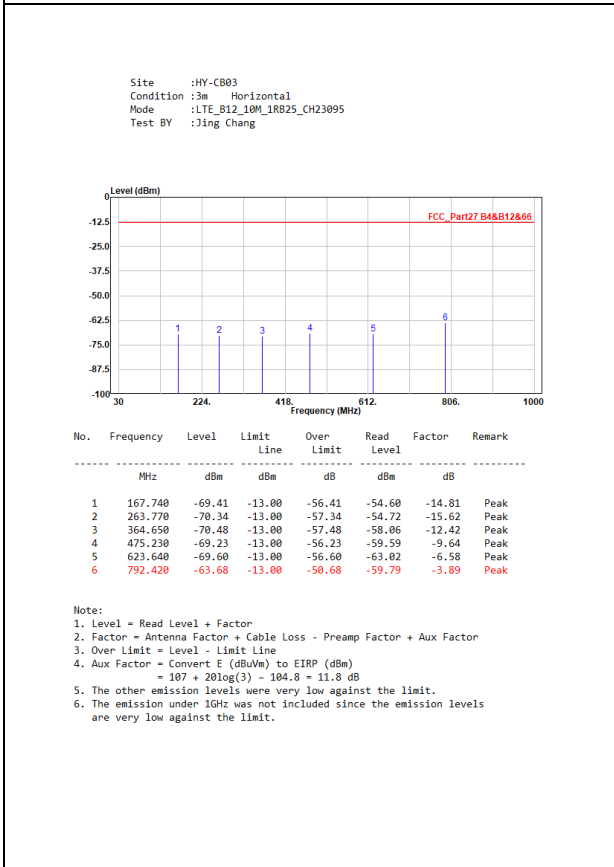
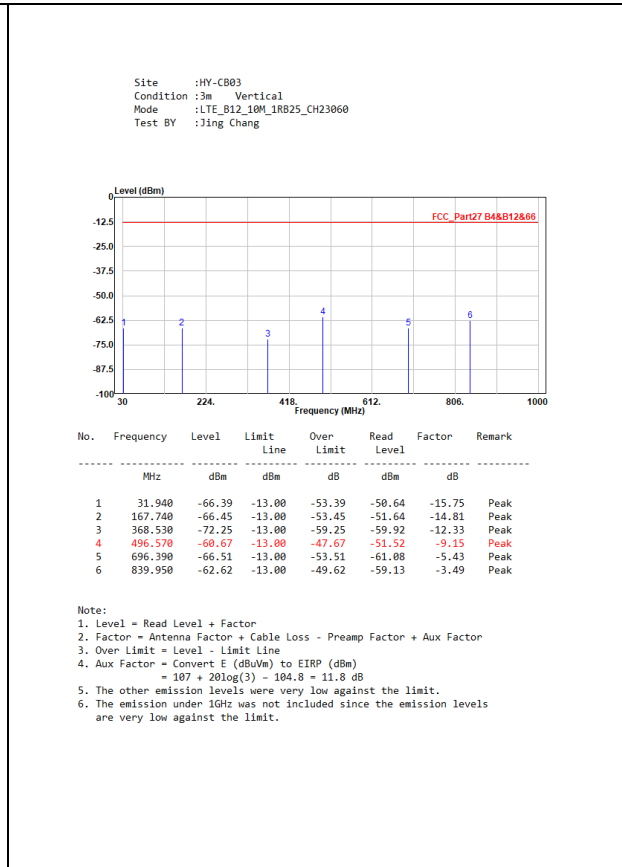
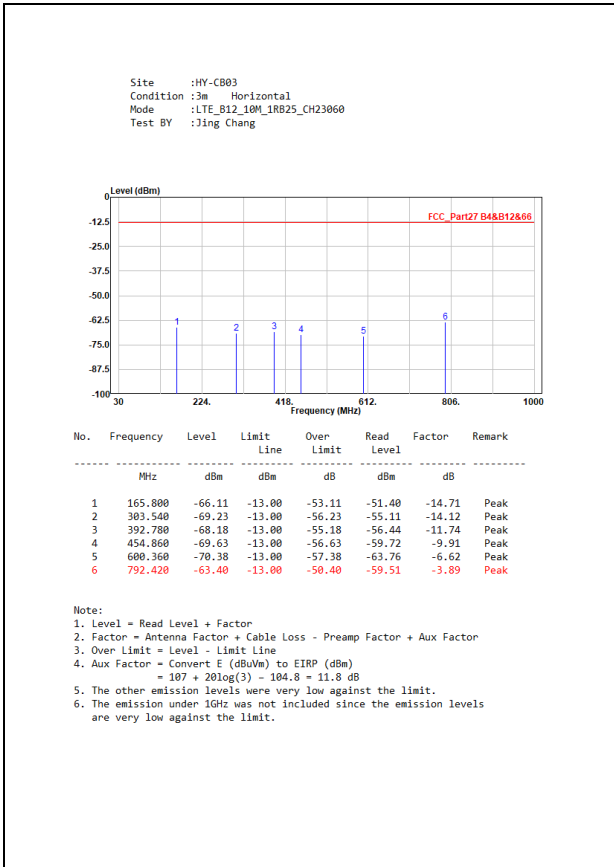


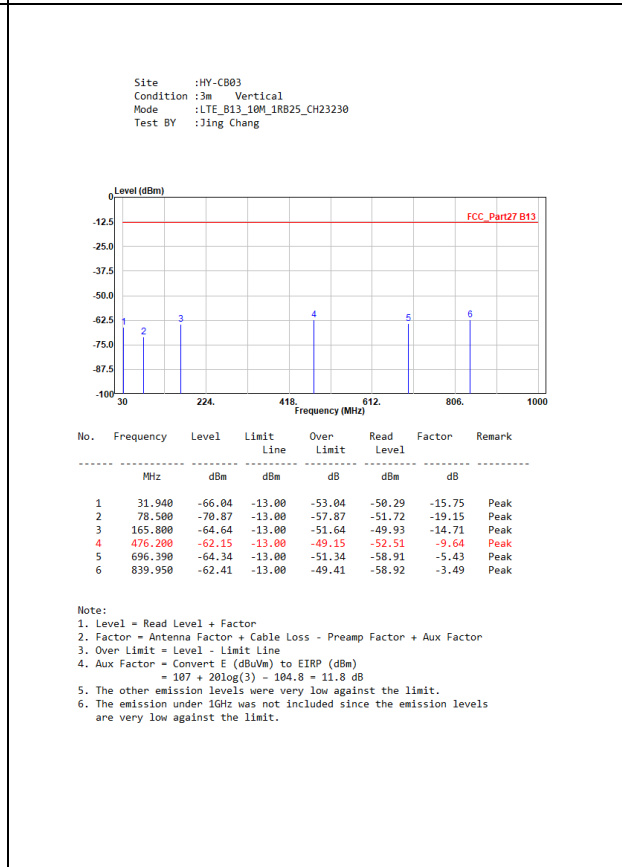
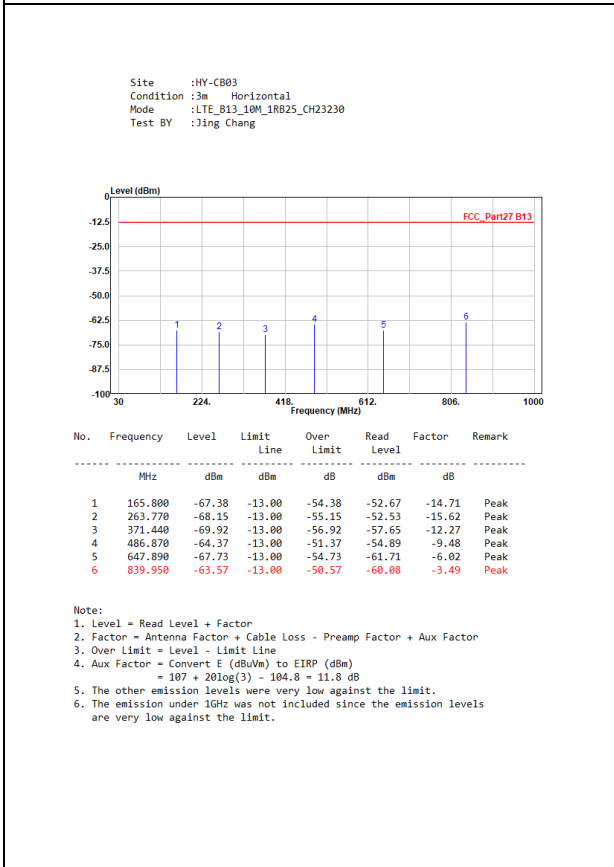
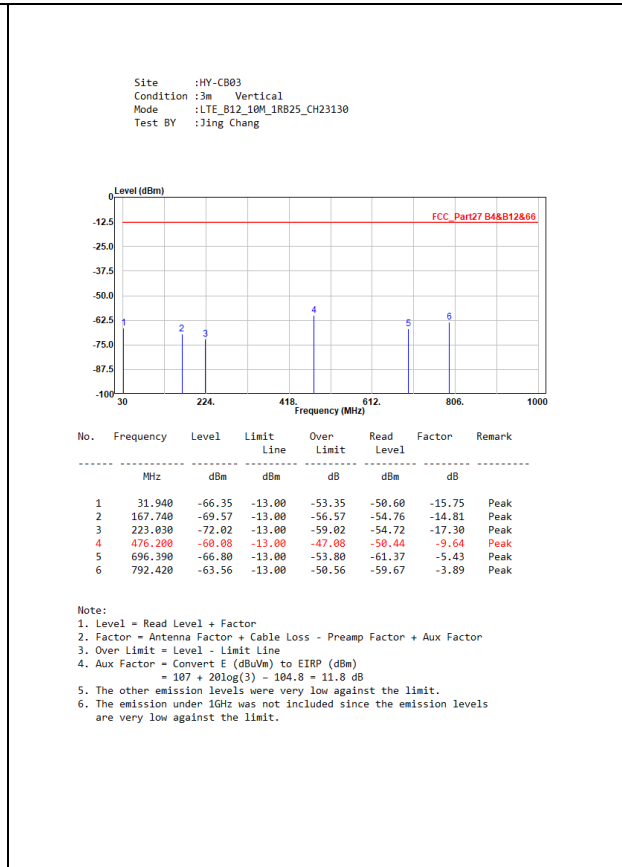
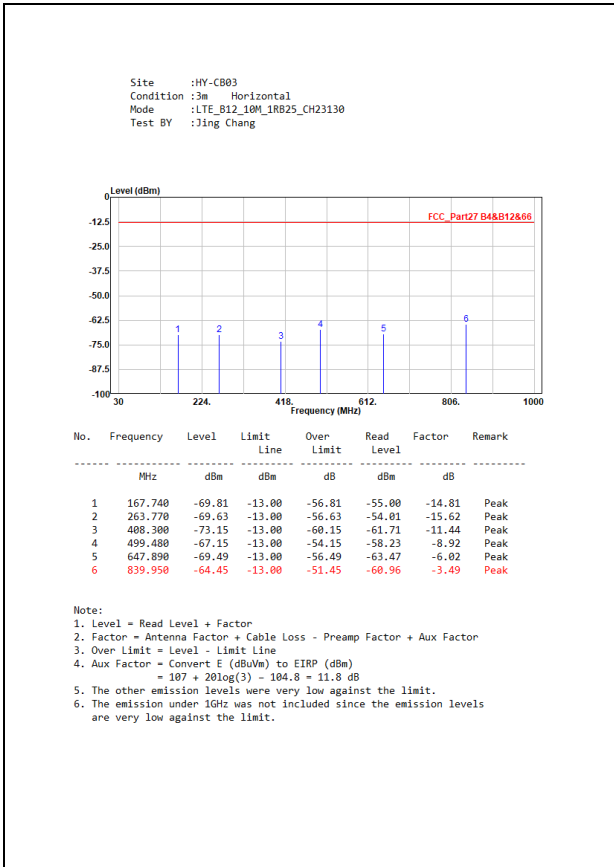


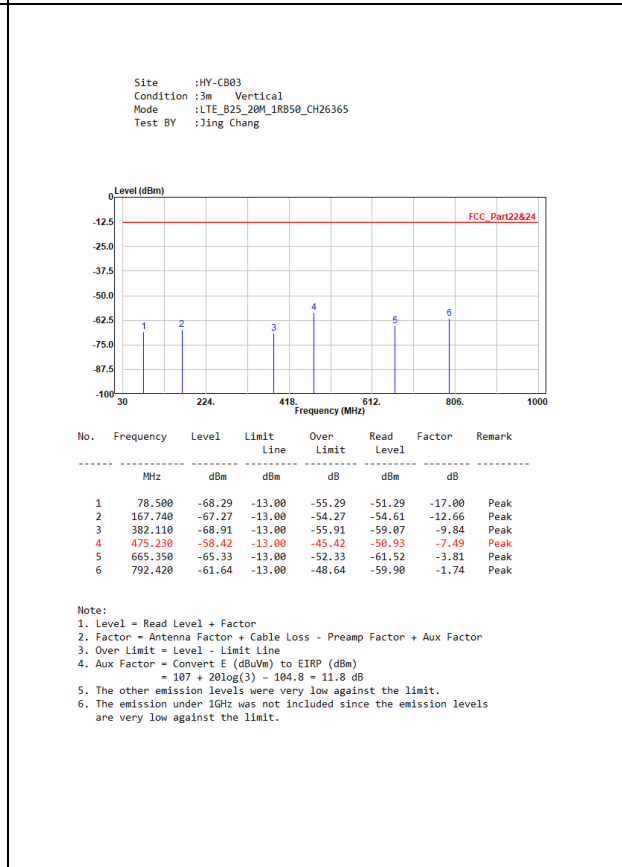
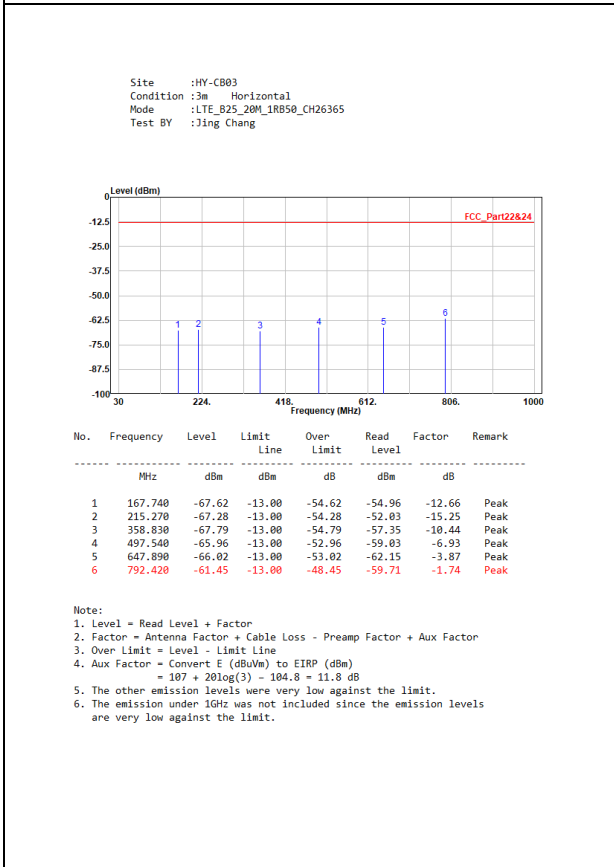
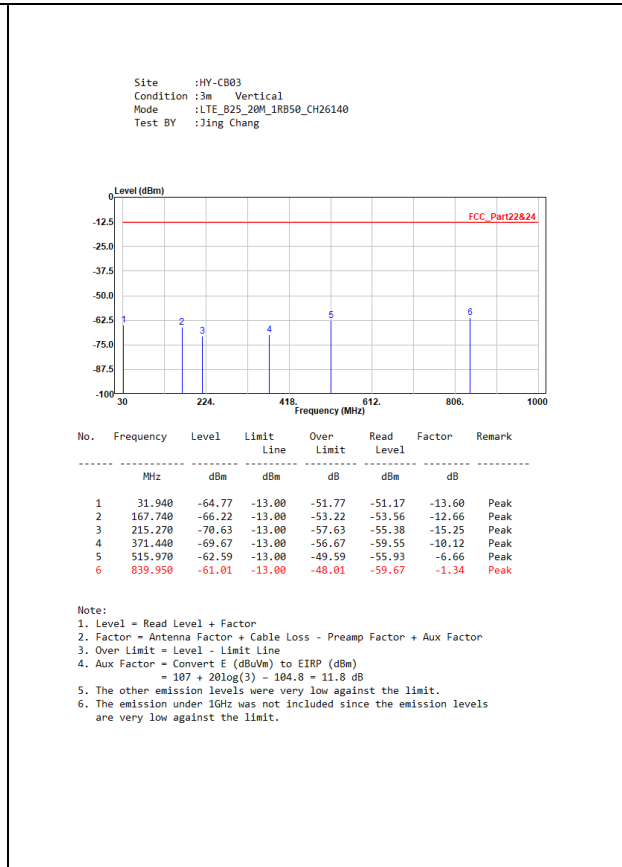
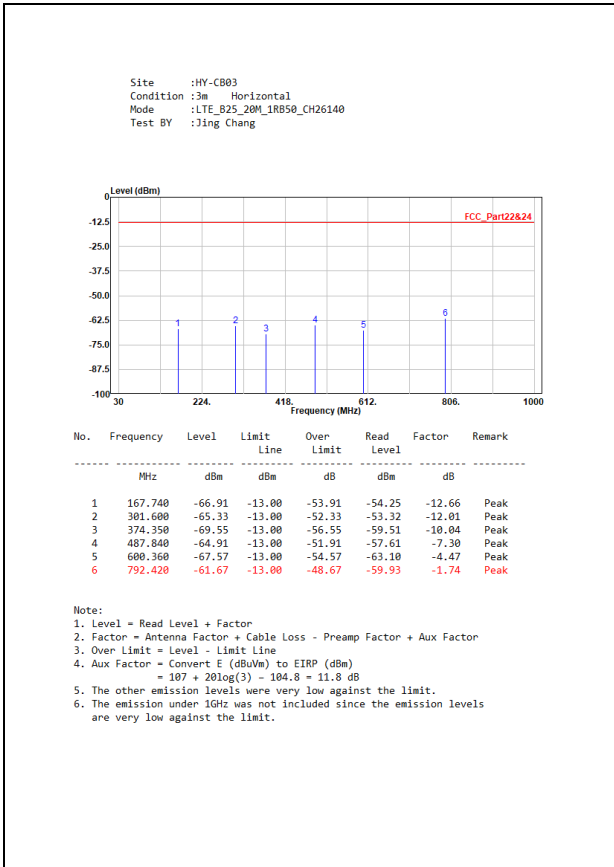


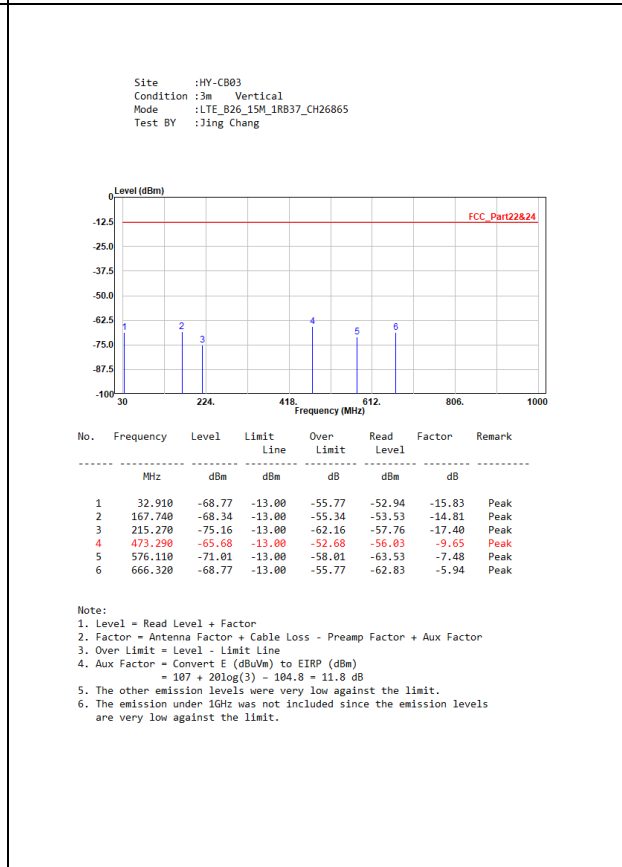
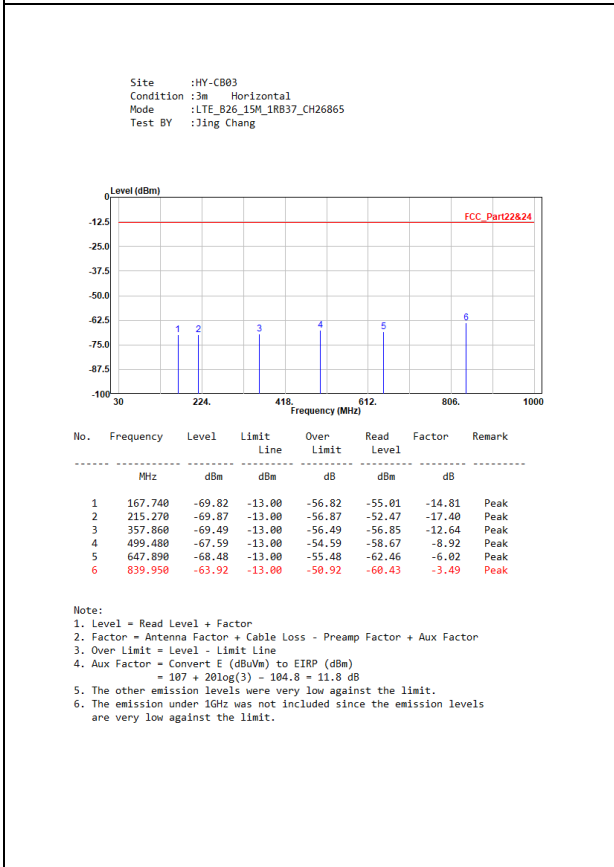
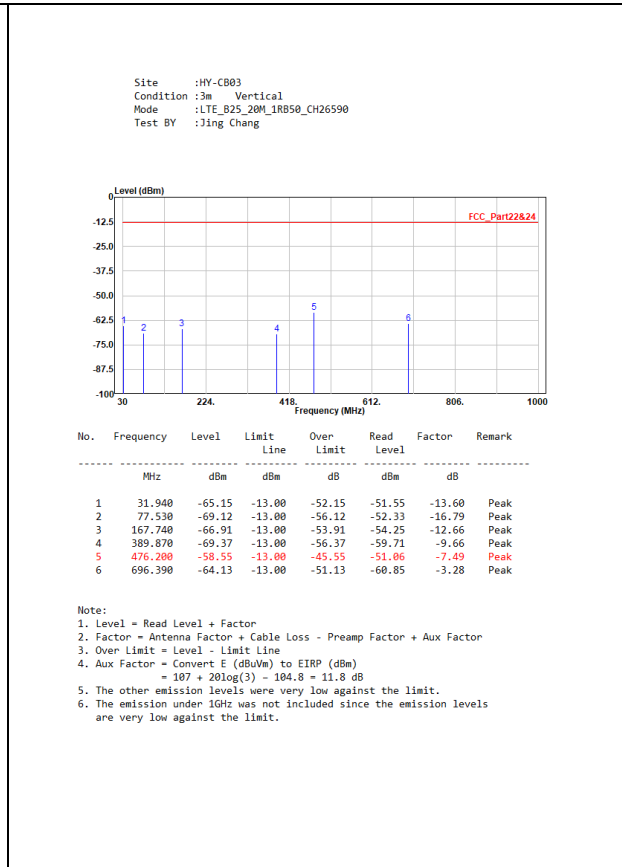
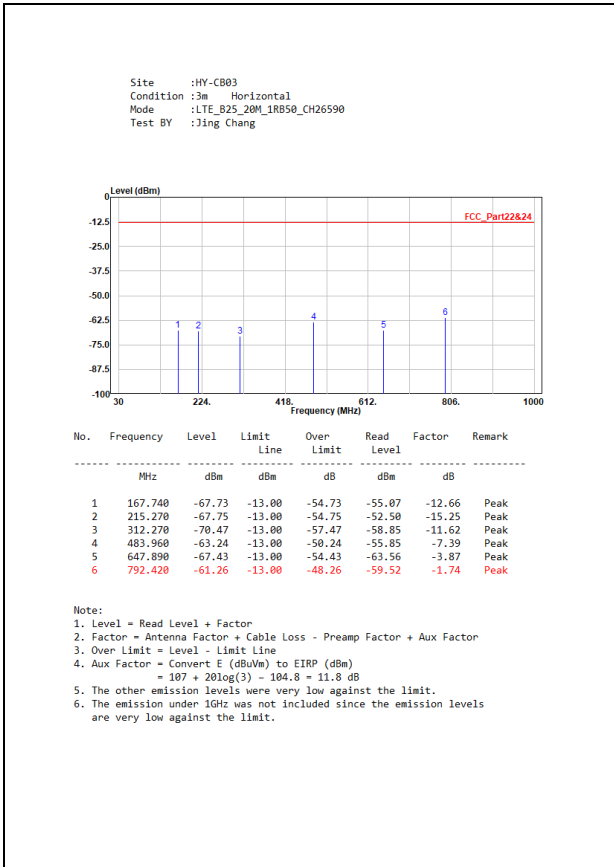


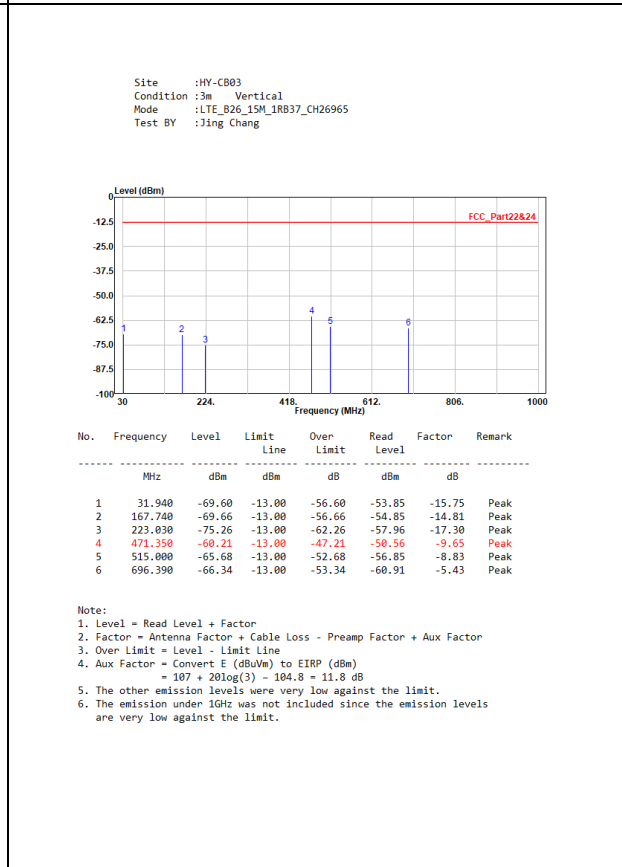
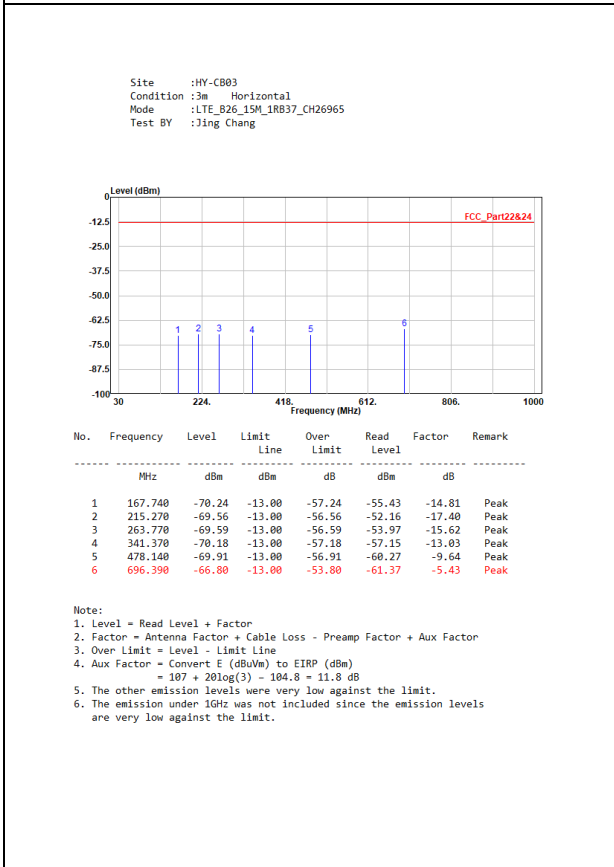
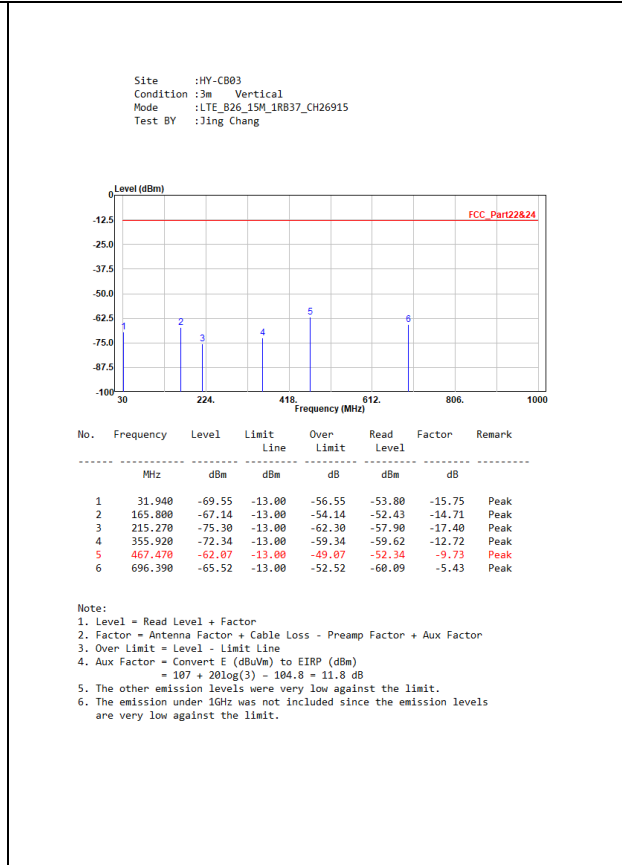
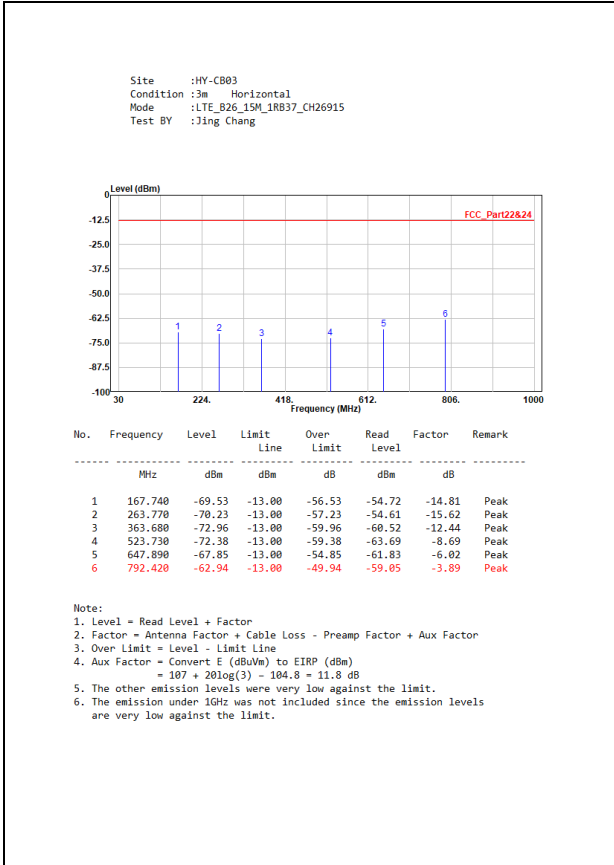


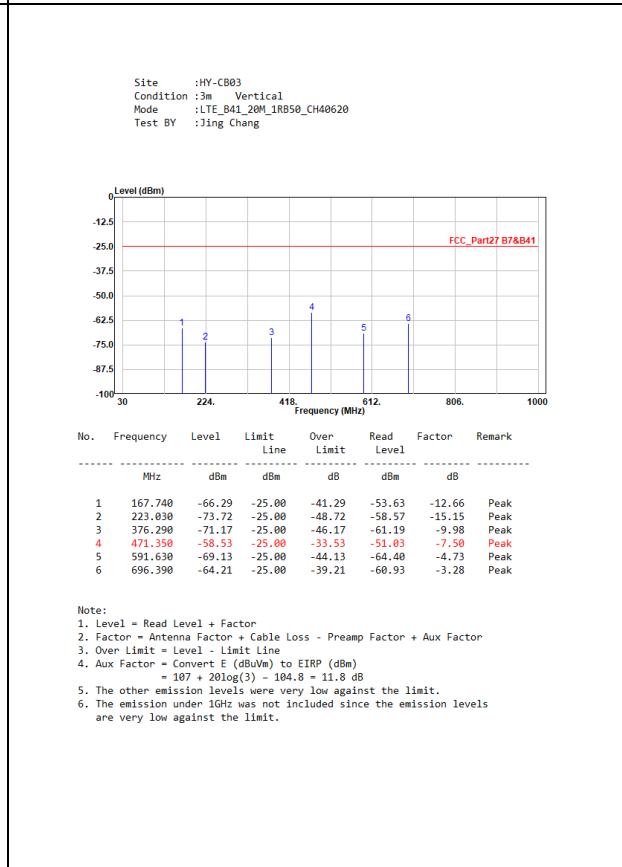
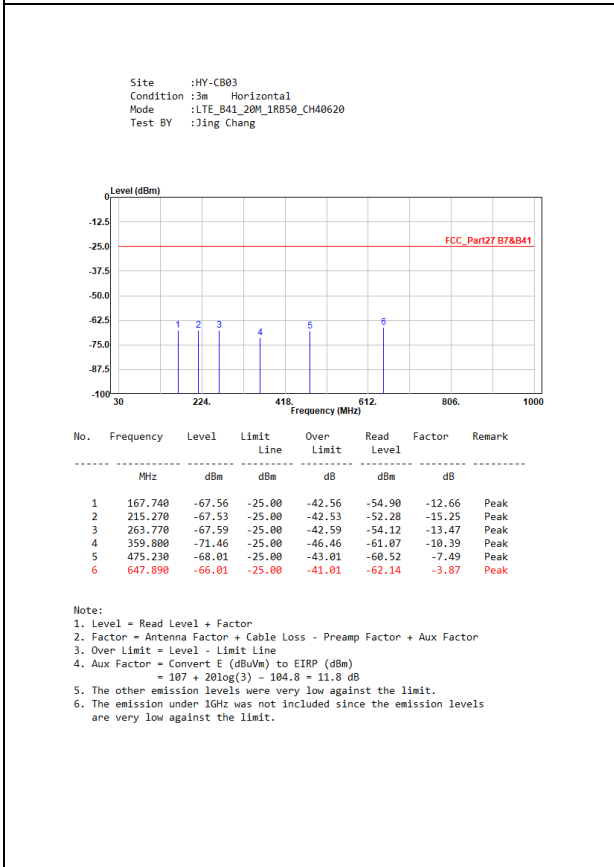
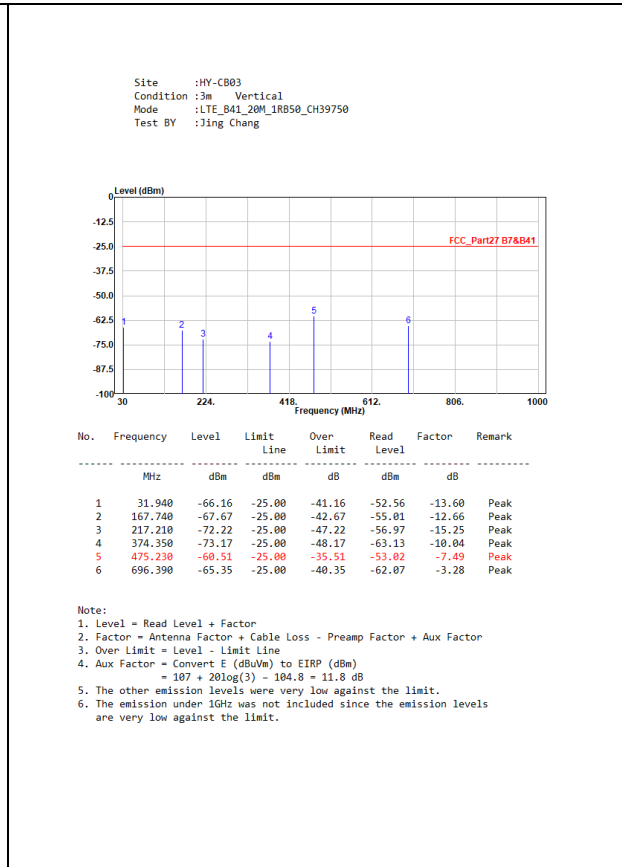
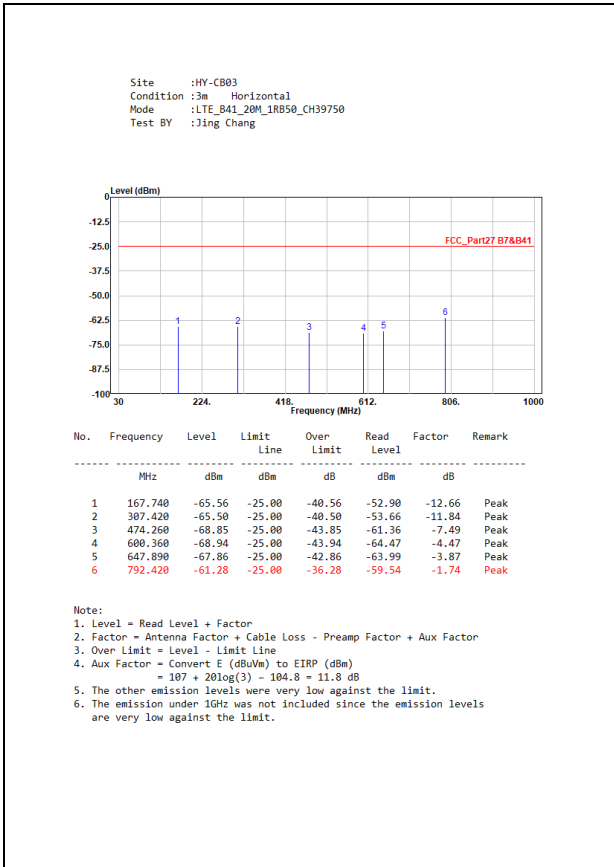


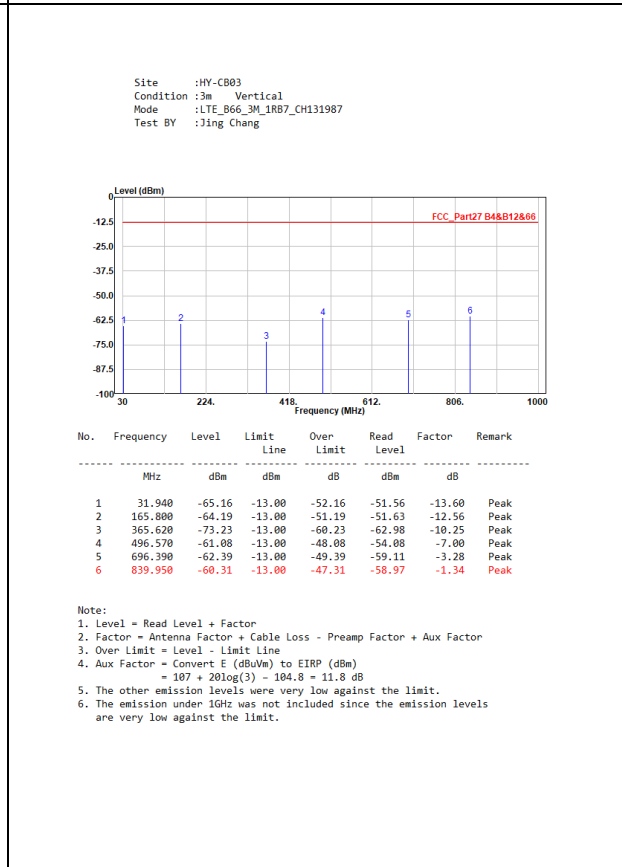
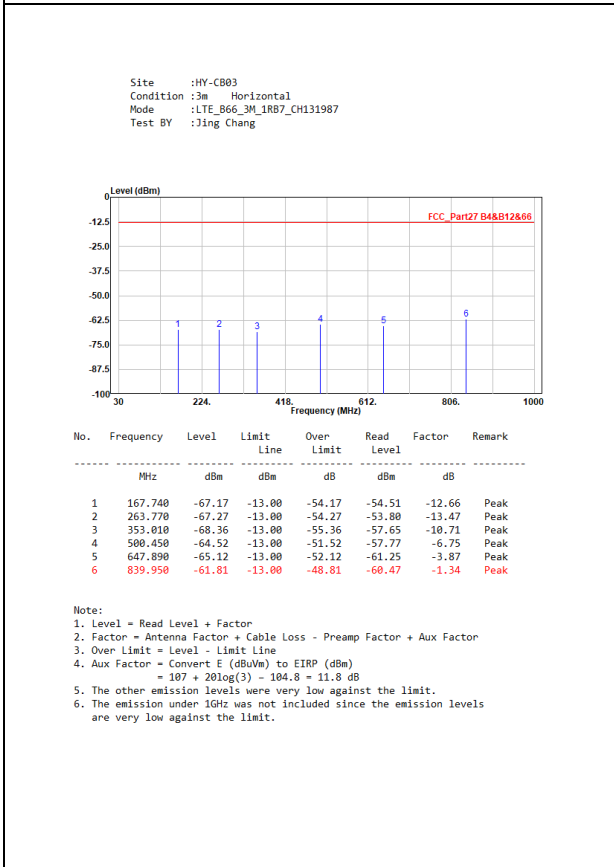
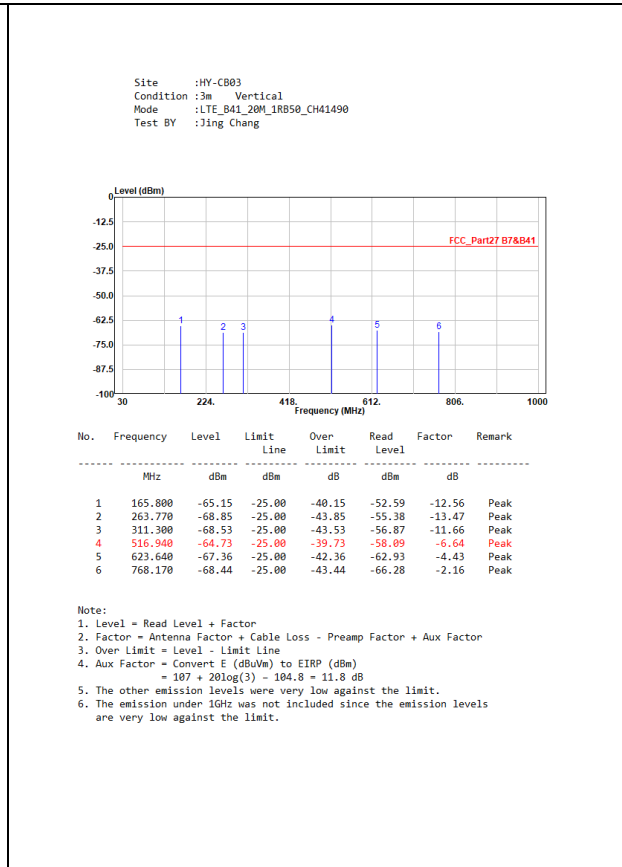
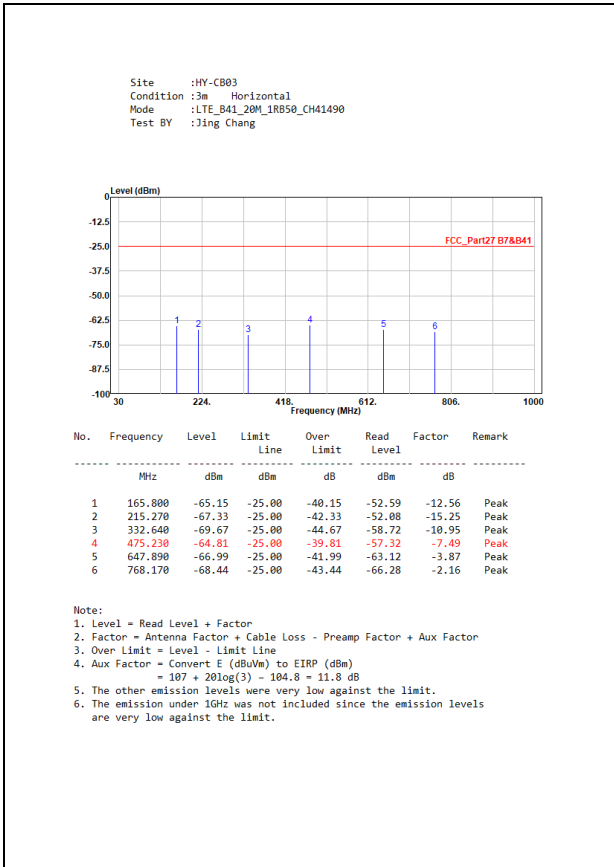


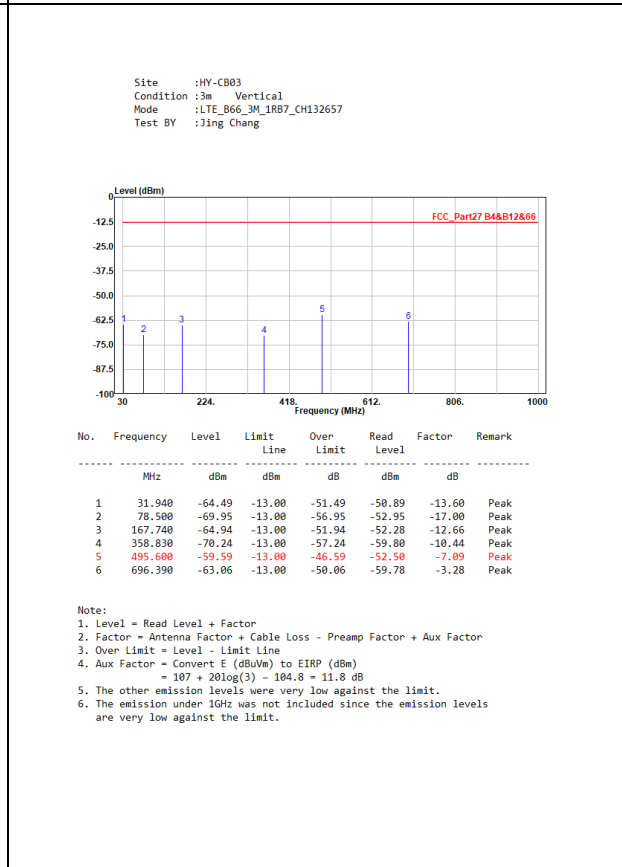
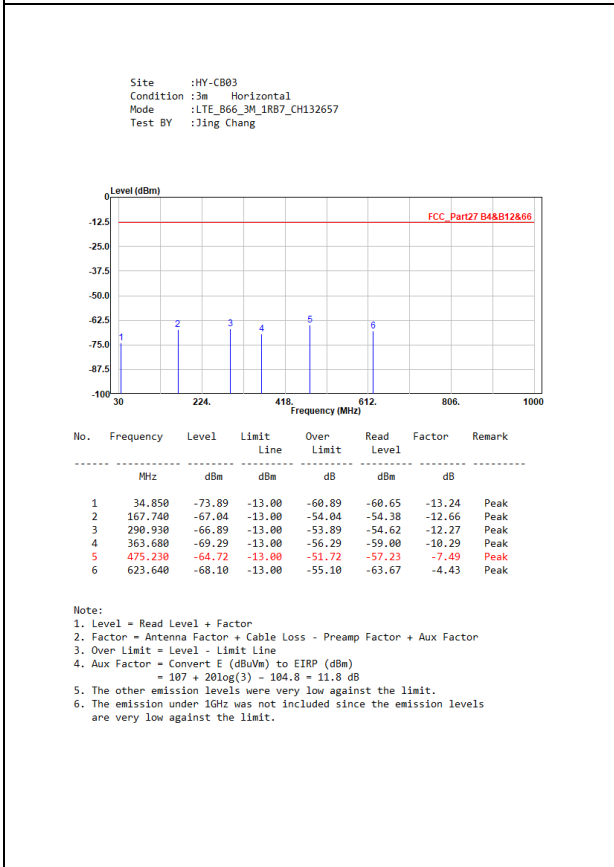
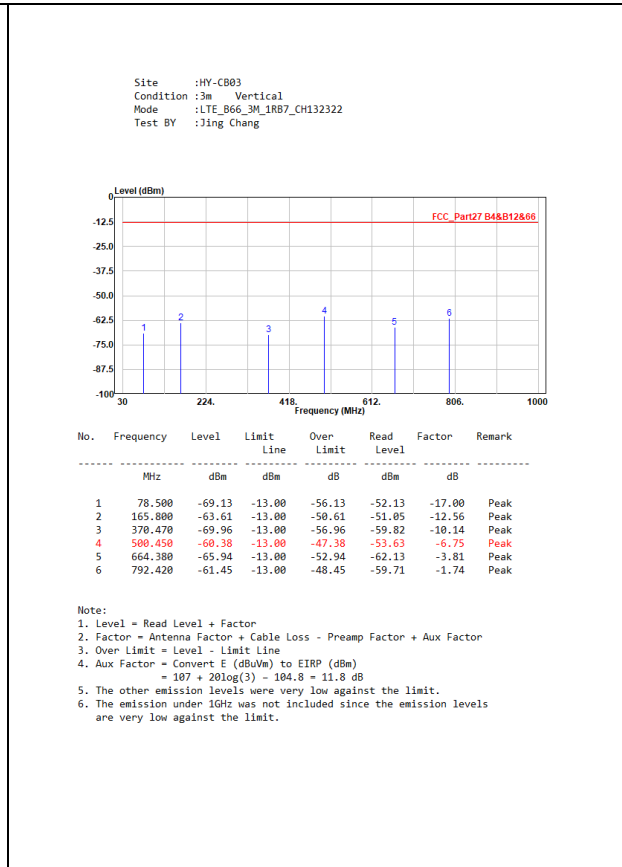
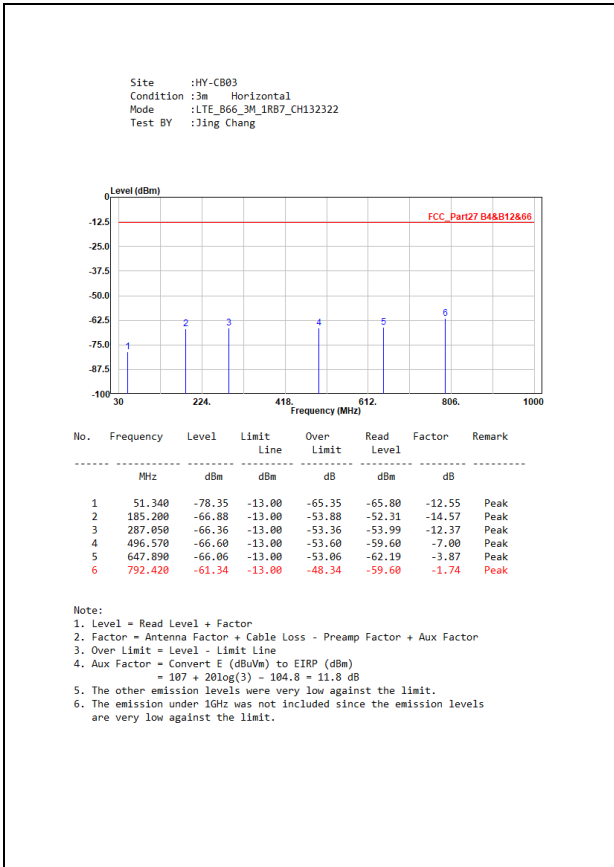










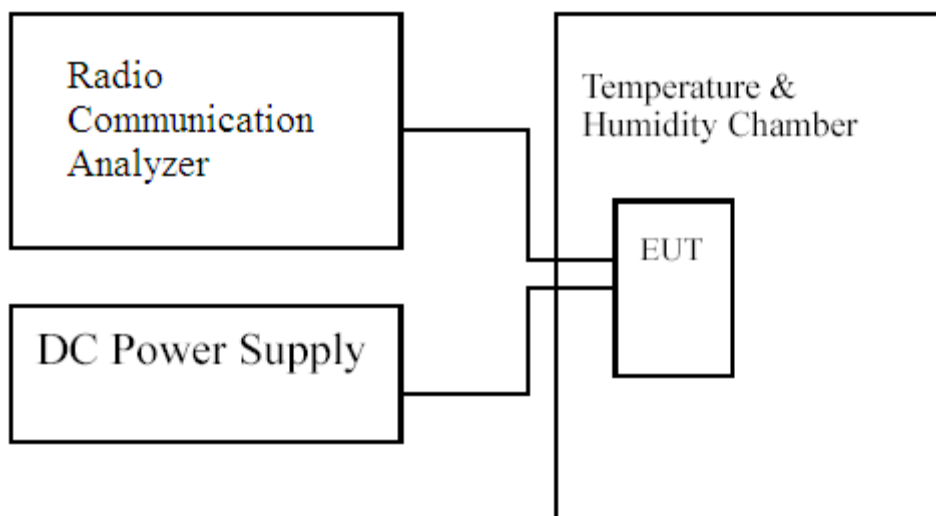


7. Frequency Stability Under Temperature & Voltage Variations

7.1 Test Specification

According to Part 2.1055, 22.355, 24.235, 27.54, RSS-GEN, RSS-130, RSS-132, RSS-133, RSS-139, RSS-199.

7.2 Test Setup



7.3 Limits

Limit	< ± 2.5 ppm
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7.4 Test Procedure

The frequency stability of transmitter is measured by:

- (a) Temperature: The temperature is varied from -30 °C to 50 °C in 10 °C increment using a standard temperature & Humidity chamber.
- (b) Primary Supply Voltage: The primary supply voltage is varied 85 % to 115 % of the nominal value for non hand-carried equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating endpoint which shall be specified by the manufacturer.

The EUT was connected via the base station simulator. Universal Radio Communication Tester, was used to measure The Frequency Error. The maximum result of measurements was recorded.

7.5 Test Result of Frequency Stability Under Temperature Variations

LTE Band 7

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		5 M	10 M	15 M	20 M	
-30	Low	0.0123	-0.0086	0.0076	0.0092	±6.34
-20	Low	0.0115	-0.0084	0.0074	0.0096	±6.34
-10	Low	0.0115	-0.0081	0.0072	0.0097	±6.34
0	Low	0.0120	-0.0076	0.0068	0.0092	±6.34
10	Low	0.0109	-0.0075	0.0070	0.0087	±6.34
20	Low	0.0105	-0.0072	0.0066	0.0092	±6.34
30	Low	0.0103	-0.0063	0.0064	0.0091	±6.34
40	Low	0.0102	-0.0065	0.0058	0.0084	±6.34
50	Low	0.0100	-0.0061	0.0058	0.0085	±6.34
-30	High	0.0085	-0.0074	0.0101	0.0078	±6.34
-20	High	0.0090	-0.0078	0.0103	0.0076	±6.34
-10	High	0.0084	-0.0081	0.0097	0.0071	±6.34
0	High	0.0085	-0.0088	0.0084	0.0079	±6.34
10	High	0.0076	-0.0086	0.0087	0.0073	±6.34
20	High	0.0076	-0.0099	0.0088	0.0070	±6.34
30	High	0.0080	-0.0077	0.0085	0.0071	±6.34
40	High	0.0082	-0.0074	0.0079	0.0071	±6.34
50	High	0.0074	-0.0077	0.0087	0.0071	±6.34

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		5 M	10 M	15 M	20 M	
4.4	Low	0.0106	-0.0080	0.0074	0.0089	±6.34
3.85	Low	0.0105	-0.0072	0.0066	0.0092	±6.34
3.6	Low	0.0131	-0.0088	0.0072	0.0071	±6.34
4.4	High	0.0096	-0.0079	0.0100	0.0078	±6.34
3.85	High	0.0076	-0.0099	0.0088	0.0070	±6.34
3.6	High	0.0108	-0.0074	0.0079	0.0066	±6.34

LTE Band 12

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		1.4 M	3 M	5 M	10 M	
-30	Low	0.0050	0.0045	0.0076	-0.0057	±1.77
-20	Low	0.0044	0.0055	0.0075	-0.0055	±1.77
-10	Low	0.0048	0.0051	0.0068	-0.0044	±1.77
0	Low	0.0055	0.0043	0.0052	-0.0048	±1.77
10	Low	-0.0046	0.0038	0.0048	-0.0038	±1.77
20	Low	-0.0031	0.0041	0.0039	-0.0035	±1.77
30	Low	-0.0038	0.0048	0.0043	-0.0032	±1.77
40	Low	0.0044	0.0039	0.0031	-0.0036	±1.77
50	Low	-0.0041	0.0036	0.0039	0.0037	±1.77
-30	High	-0.0079	0.0097	0.0092	-0.0086	±1.77
-20	High	-0.0069	0.0094	0.0089	-0.0088	±1.77
-10	High	-0.0058	0.0089	0.0079	-0.0068	±1.77
0	High	0.0051	0.0076	0.0068	-0.0063	±1.77
10	High	-0.0058	0.0069	0.0066	-0.0052	±1.77
20	High	-0.0046	0.0061	-0.0043	-0.0036	±1.77
30	High	-0.0054	0.0066	-0.0051	-0.0038	±1.77
40	High	-0.0058	0.0061	-0.0045	-0.0044	±1.77
50	High	-0.0066	0.0054	-0.0049	-0.0040	±1.77

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		1.4 M	3 M	5 M	10 M	
4.4	Low	0.0066	0.0046	0.0045	-0.0031	±1.77
3.85	Low	-0.0031	0.0041	0.0039	-0.0035	±1.77
3.6	Low	-0.0043	0.0045	0.0048	-0.0032	±1.77
4.4	High	-0.0065	0.0046	0.0035	-0.0037	±1.77
3.85	High	-0.0046	0.0061	-0.0043	-0.0036	±1.77
3.6	High	-0.0057	0.0064	0.0044	-0.0039	±1.77

LTE Band 13

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)		Limit (kHz)
		5 M	10 M	
-30	Low	0.0052	--	±1.96
-20	Low	0.0055	--	±1.96
-10	Low	0,0048	--	±1.96
0	Low	0.0053	--	±1.96
10	Low	0.0044	--	±1.96
20	Low	0.0047	--	±1.96
30	Low	0.0052	--	±1.96
40	Low	0.0047	--	±1.96
50	Low	0.0051	--	±1.96
-30	Mid	--	0.0050	±1.96
-20	Mid	--	-0.0045	±1.96
-10	Mid	--	0.0038	±1.96
0	Mid	--	0.0042	±1.96
10	Mid	--	-0.0041	±1.96
20	Mid	--	-0.0045	±1.96
30	Mid	--	-0.0038	±1.96
40	Mid	--	0.0034	±1.96
50	Mid	--	0.0035	±1.96
-30	High	0.0072	--	±1.96
-20	High	0.0077	--	±1.96
-10	High	0.0068	--	±1.96
0	High	0.0072	--	±1.96
10	High	0.0066	--	±1.96
20	High	0.0049	--	±1.96
30	High	0.0064	--	±1.96
40	High	0.0047	--	±1.96
50	High	0.0042	--	±1.96

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)		Limit (kHz)
		5 M	10 M	
4.4	Low	-0.0037	--	±1.96
3.85	Low	0.0047	--	±1.96
3.6	Low	0.0061	--	±1.96
4.4	Mid	--	-0.0040	±1.96
3.85	Mid	--	-0.0045	±1.96
3.6	Mid	--	-0.0045	±1.96
4.4	High	0.0040	--	±1.96
3.85	High	0.0049	--	±1.96
3.6	High	0.0061	--	±1.96

LTE Band 25

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4 M	3 M	5 M	10 M	15 M	20 M	
-30	Low	0.0169	0.0073	0.0080	0.0056	-0.0058	0.0081	±4.71
-20	Low	0.0147	0.0064	0.0090	0.0048	-0.0055	0.0077	±4.71
-10	Low	0.0168	0.0074	0.0072	0.0047	-0.0066	0.0066	±4.71
0	Low	0.0153	0.0065	0.0078	0.0043	-0.0061	0.0069	±4.71
10	Low	-0.0145	0.0052	0.0063	-0.0033	-0.0052	0.0063	±4.71
20	Low	-0.0137	0.0058	0.0060	-0.0048	-0.0057	0.0053	±4.71
30	Low	-0.0140	0.0068	0.0058	-0.0055	-0.0058	0.0058	±4.71
40	Low	0.0162	0.0064	0.0047	-0.0062	-0.0068	0.0044	±4.71
50	Low	-0.0155	0.0054	0.0057	-0.0059	-0.0070	0.0046	±4.71
-30	High	-0.0105	0.0083	0.0058	-0.0045	0.0064	0.0078	±4.71
-20	High	0.0135	0.0088	0.0062	0.0038	0.0074	0.0065	±4.71
-10	High	0.0143	0.0084	-0.0051	0.0040	0.0077	0.0052	±4.71
0	High	0.0158	-0.0068	0.0046	0.0048	0.0058	0.0051	±4.71
10	High	-0.0166	0.0077	0.0049	-0.0055	0.0050	0.0055	±4.71
20	High	-0.0154	-0.0074	0.0059	-0.0056	0.0047	0.0048	±4.71
30	High	-0.0155	0.0095	-0.0038	-0.0068	0.0044	0.0044	±4.71
40	High	-0.0211	0.0099	0.0066	0.0077	0.0051	0.0052	±4.71
50	High	-0.0257	0.0107	-0.0068	-0.0069	0.0044	0.0050	±4.71

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4 M	3 M	5 M	10 M	15 M	20 M	
4.4	Low	-0.0147	0.0059	0.0056	-0.0049	-0.0059	0.0048	±4.71
3.85	Low	-0.0137	0.0058	0.0060	-0.0048	-0.0057	0.0053	±4.71
3.6	Low	-0.0112	0.0047	-0.0064	0.0046	-0.0088	0.0054	±4.71
4.4	High	-0.0154	-0.0051	-0.0071	-0.0049	0.0054	0.0068	±4.71
3.85	High	-0.0154	-0.0074	0.0059	-0.0056	0.0047	0.0048	±4.71
3.6	High	-0.0125	0.0064	-0.0062	-0.0058	0.0048	0.0051	±4.71

LTE Band 26

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)					Limit (kHz)
		1.4 M	3 M	5 M	10 M	15 M	
-30	Low	-0.0063	0.0057	0.0056	0.0041	0.0035	±2.09
-20	Low	-0.0055	0.0055	0.0054	0.0045	0.0036	±2.09
-10	Low	-0.0061	0.0068	0.0061	0.0038	0.0029	±2.09
0	Low	-0.0068	0.0077	0.0056	0.0042	0.0026	±2.09
10	Low	0.0048	0.0082	-0.0044	0.0037	0.0021	±2.09
20	Low	-0.0044	0.0087	-0.0048	-0.0028	0.0025	±2.09
30	Low	0.0054	0.0092	-0.0052	-0.0035	0.0031	±2.09
40	Low	-0.0077	0.0075	0.0041	-0.0028	0.0045	±2.09
50	Low	-0.0073	0.0060	-0.0039	-0.0025	0.0035	±2.09
-30	High	-0.0071	0.0051	0.0062	0.0034	-0.0035	±2.09
-20	High	-0.0077	0.0044	0.0071	0.0036	-0.0037	±2.09
-10	High	-0.0074	0.0054	0.0077	0.0043	-0.0035	±2.09
0	High	-0.0084	0.0048	0.0061	0.0037	-0.0031	±2.09
10	High	-0.0088	0.0053	0.0048	0.0043	-0.0027	±2.09
20	High	-0.0090	0.0051	0.0049	0.0038	-0.0025	±2.09
30	High	0.0077	0.0061	0.0055	0.0042	-0.0031	±2.09
40	High	-0.0041	0.0058	0.0052	0.0044	-0.0044	±2.09
50	High	-0.0049	0.0043	0.0042	0.0039	-0.0033	±2.09

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)					Limit (kHz)
		1.4 M	3 M	5 M	10 M	15 M	
4.4	Low	0.0083	0.0056	0.0046	0.0027	0.0033	±2.09
3.85	Low	-0.0044	0.0087	-0.0048	-0.0028	0.0025	±2.09
3.6	Low	-0.0048	0.0075	0.0062	-0.0044	0.0028	±2.09
4.4	High	-0.0052	0.0046	-0.0052	0.0027	-0.0025	±2.09
3.85	High	-0.0090	0.0051	0.0049	0.0038	-0.0025	±2.09
3.6	High	0.0060	0.0062	0.0050	0.0033	-0.0028	±2.09

LTE Band 41

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)				Limit (kHz)
		5 M	10 M	15 M	20 M	
-30	Low	0.0164	0.0136	0.0165	0.0152	±6.48
-20	Low	0.0177	0.0137	0.0177	0.0158	±6.48
-10	Low	0.0171	0.0142	0.0168	0.0177	±6.48
0	Low	0.0182	0.0165	0.0166	0.0199	±6.48
10	Low	0.0186	0.0158	0.0159	0.0211	±6.48
20	Low	0.0215	0.0145	0.0148	0.0208	±6.48
30	Low	0.0211	0.0152	0.0154	0.0233	±6.48
40	Low	0.0233	0.0170	0.0195	0.0234	±6.48
50	Low	0.0251	0.0163	0.0219	0.0243	±6.48
-30	High	0.0176	0.0170	-0.0115	0.0130	±6.48
-20	High	0.0184	0.0177	0.0122	0.0142	±6.48
-10	High	0.0192	0.0176	-0.0123	0.0158	±6.48
0	High	0.0199	0.0199	0.0167	0.0155	±6.48
10	High	0.0201	0.0196	0.0150	0.0203	±6.48
20	High	0.0230	0.0205	0.0146	0.0203	±6.48
30	High	0.0251	0.0216	0.0155	0.0215	±6.48
40	High	0.0247	0.0225	-0.0196	0.0221	±6.48
50	High	0.0248	0.0237	0.0219	0.0238	±6.48

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)				Limit (kHz)
		5 M	10 M	15 M	20 M	
4.4	Low	0.0204	0.0160	0.0177	0.0234	±6.48
3.85	Low	0.0215	0.0145	0.0148	0.0208	±6.48
3.6	Low	0.0237	0.0178	0.0164	0.0201	±6.48
4.4	High	0.0221	0.0227	0.0165	0.0228	±6.48
3.85	High	0.0230	0.0205	0.0146	0.0203	±6.48
3.6	High	0.0234	0.0180	0.0130	0.0200	±6.48

LTE Band 66

Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4 M	3 M	5 M	10 M	15 M	20 M	
-30	Low	-0.0107	0.0074	0.0084	-0.0049	0.0061	0.0074	±4.28
-20	Low	-0.0111	0.0077	0.0089	-0.0051	0.0068	0.0078	±4.28
-10	Low	-0.0101	0.0068	0.0078	-0.0058	0.0066	0.0086	±4.28
0	Low	-0.0099	0.0051	0.0081	-0.0055	0.0051	0.0077	±4.28
10	Low	-0.0088	0.0064	0.0088	-0.0063	0.0058	0.0067	±4.28
20	Low	-0.0090	0.0073	0.0084	-0.0067	0.0057	0.0058	±4.28
30	Low	-0.0087	0.0076	0.0077	-0.0064	0.0059	0.0056	±4.28
40	Low	0.0082	0.0077	0.0072	-0.0066	0.0055	0.0068	±4.28
50	Low	0.0065	0.0070	0.0067	-0.0059	0.0044	0.0064	±4.28
-30	High	-0.0084	0.0091	0.0076	-0.0064	0.0067	0.0055	±4.28
-20	High	-0.0094	0.0093	0.0074	-0.0069	0.0078	0.0054	±4.28
-10	High	-0.0088	0.0089	0.0065	-0.0073	0.0079	0.0061	±4.28
0	High	-0.0076	0.0075	0.0069	-0.0084	0.0069	0.0058	±4.28
10	High	0.0068	0.0071	0.0076	-0.0053	0.0058	-0.0051	±4.28
20	High	0.0065	0.0075	0.0074	-0.0055	0.0057	-0.0047	±4.28
30	High	0.0072	0.0084	0.0063	-0.0051	0.0063	-0.0051	±4.28
40	High	-0.0111	0.0084	0.0077	-0.0058	0.0067	-0.0059	±4.28
50	High	-0.0133	0.0088	0.0070	-0.0055	0.0055	0.0051	±4.28

Voltage Variations

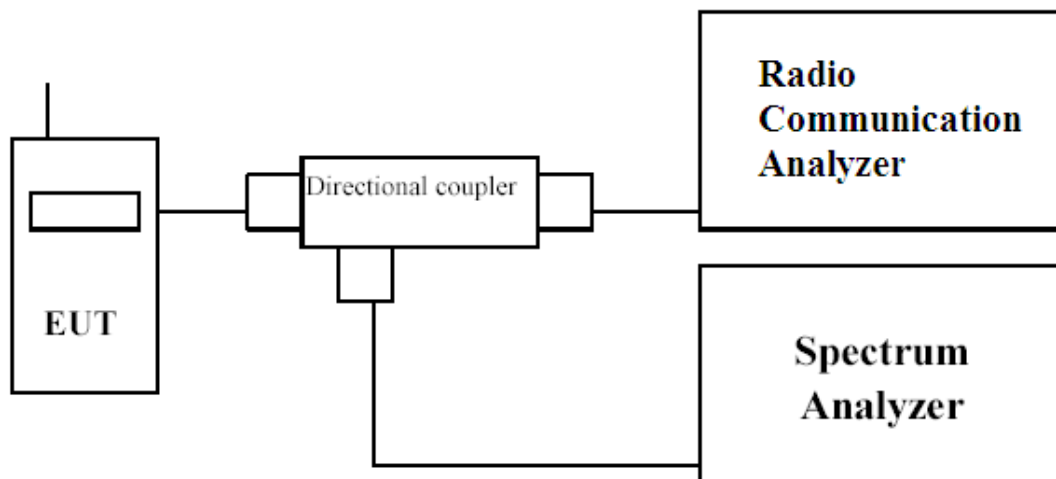
DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4 M	3 M	5 M	10 M	15 M	20 M	
4.4	Low	-0.0077	0.0086	0.0067	-0.0075	0.0065	0.0068	±4.28
3.85	Low	-0.0090	0.0093	0.0084	-0.0067	0.0057	0.0058	±4.28
3.6	Low	0.0069	0.0087	0.0065	-0.0075	0.0060	0.0057	±4.28
4.4	High	-0.0088	0.0080	0.0069	-0.0060	0.0067	0.0055	±4.28
3.85	High	-0.0065	0.0075	0.0074	-0.0055	0.0057	-0.0047	±4.28
3.6	High	-0.0069	0.0090	0.0052	-0.0072	0.0055	0.0058	±4.28

8. Peak to Average Ratio

8.1 Test Specification

According to Part 22.913, 24.232, 27.50, RSS-GEN, RSS-130, RSS-132, RSS-133, RSS-139, RSS-199.

8.2 Test Setup



8.3 Limits

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure.

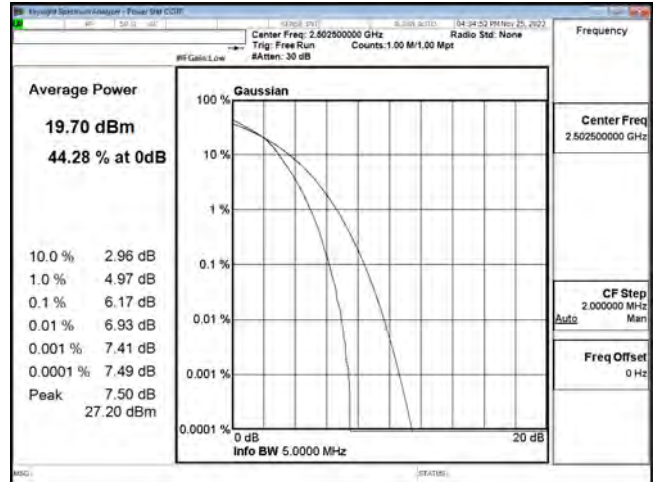
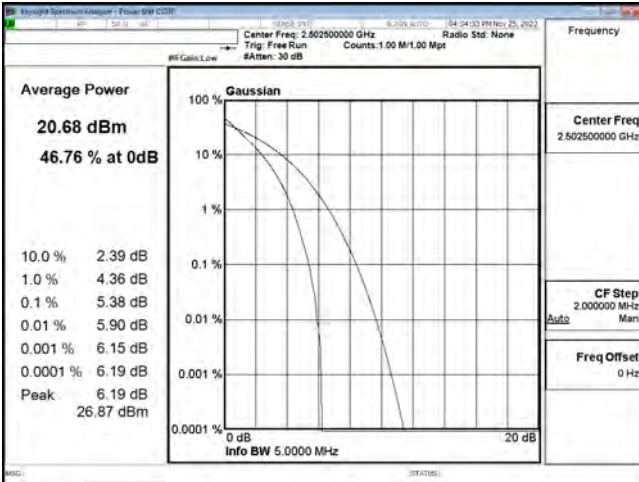
8.4 Test Procedure

- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Set the measurement interval as follows:
 - 1) for continuous transmissions, set to 1 ms,
 - 2) for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.

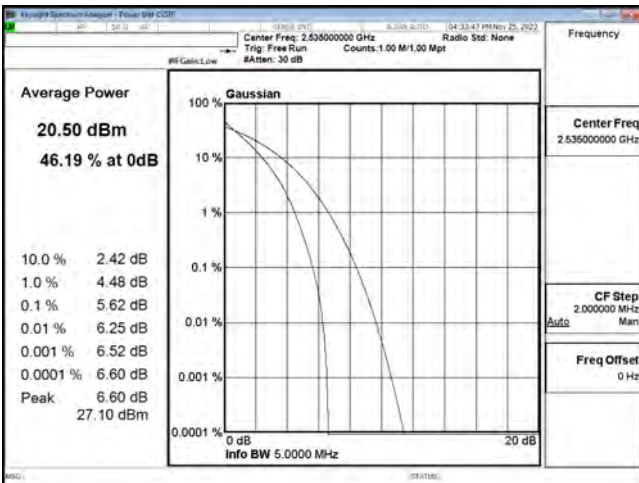
e) Record the maximum PAPR level associated with a probability of 0.1 %.

8.5 Test Result of Spurious Emission

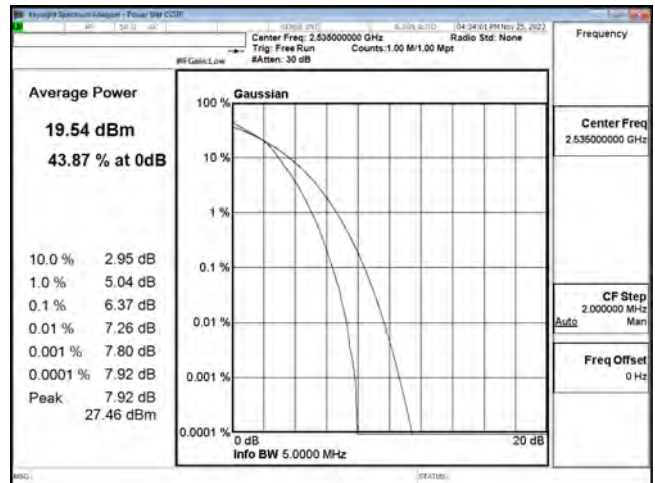
LTE Band 7



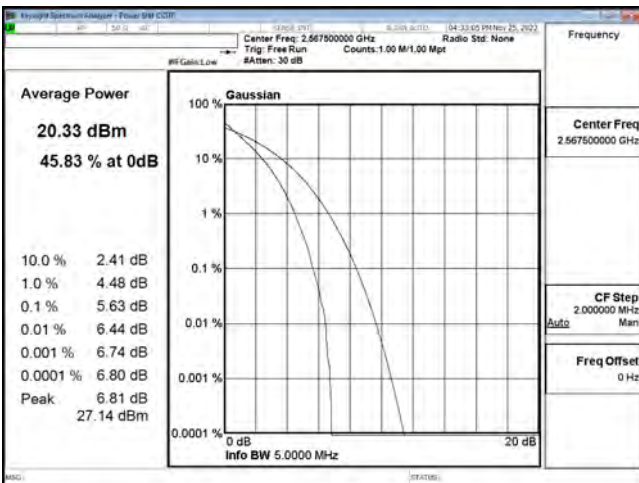
PTAR B7 5 M CH20775 QPSK



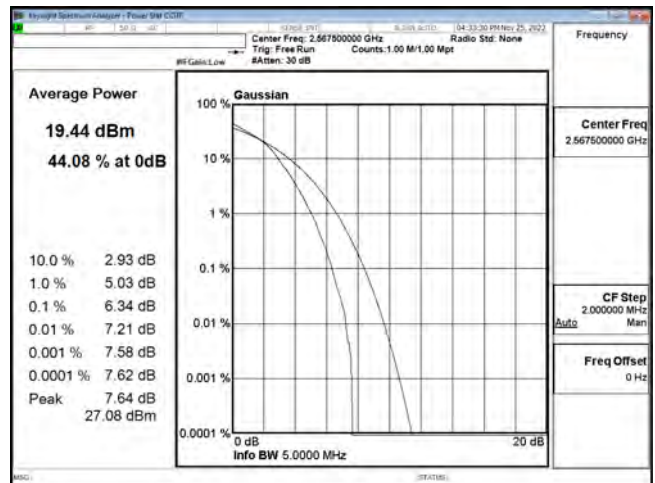
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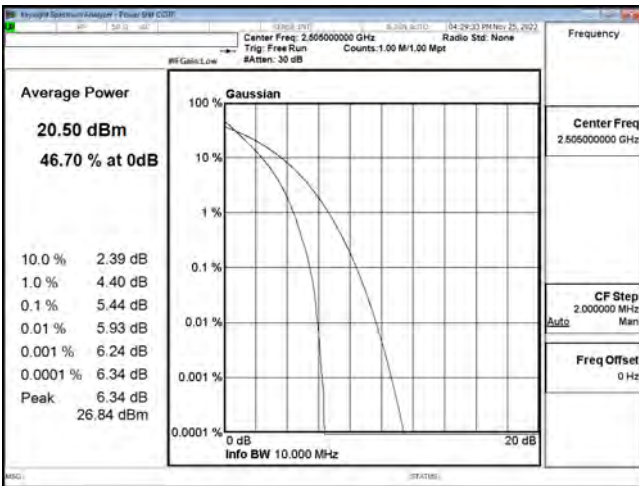
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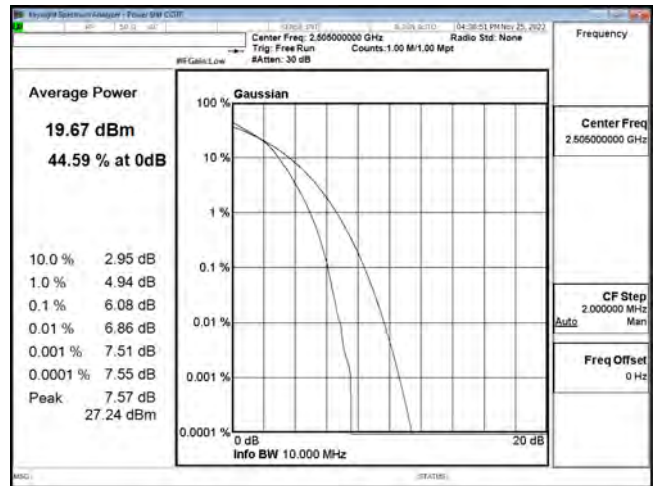
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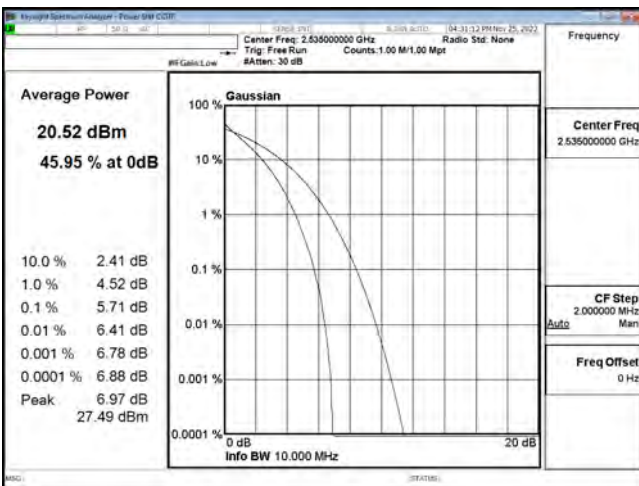
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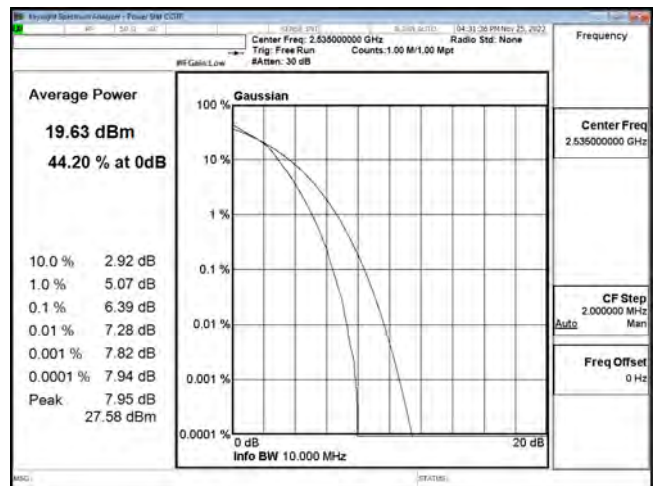
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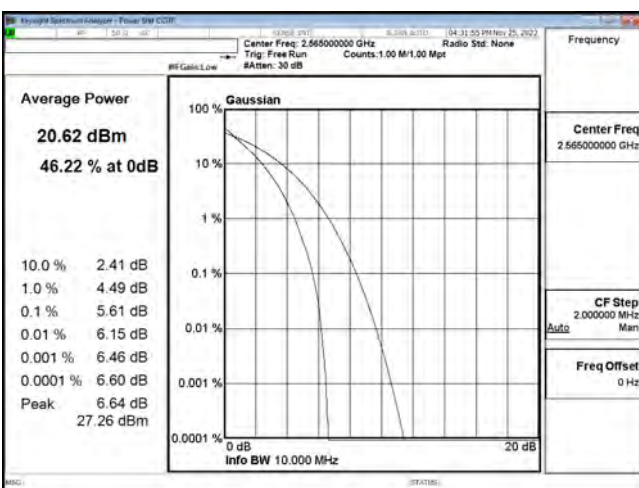
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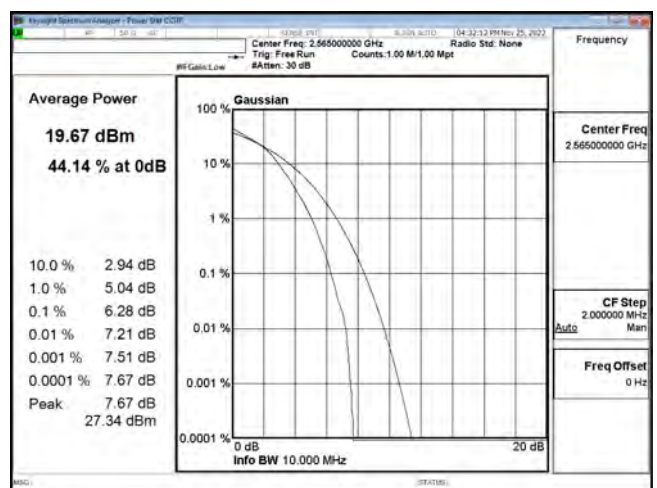
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PTAR B7 10 M CH21100 QPSK

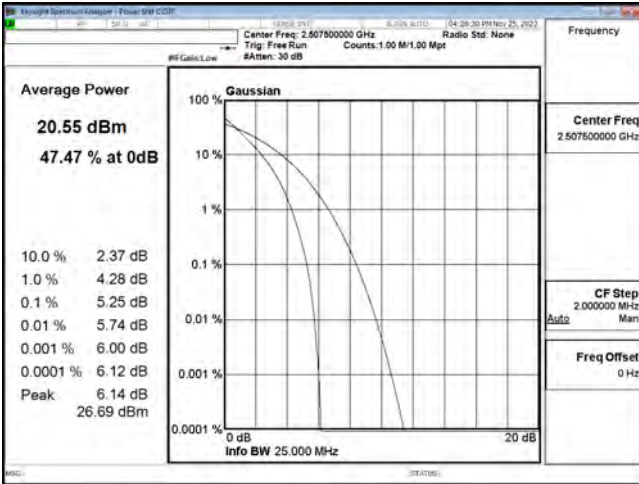


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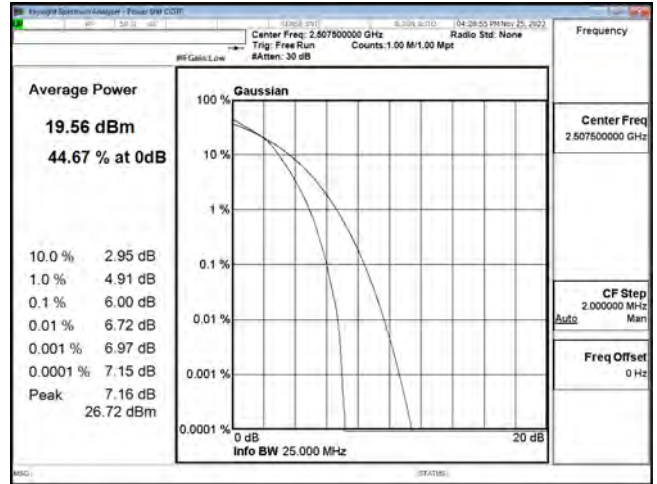


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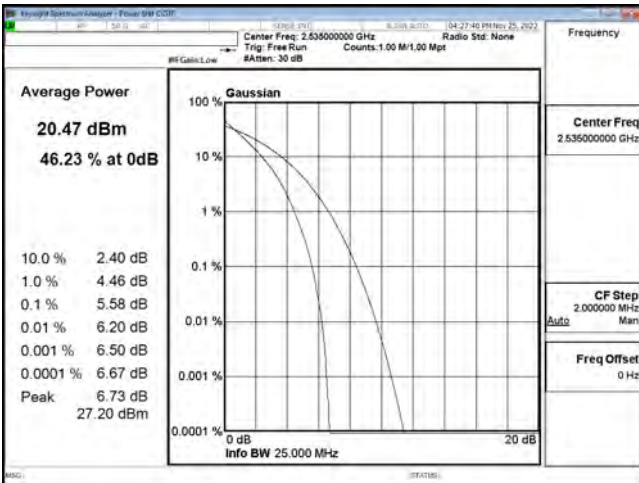
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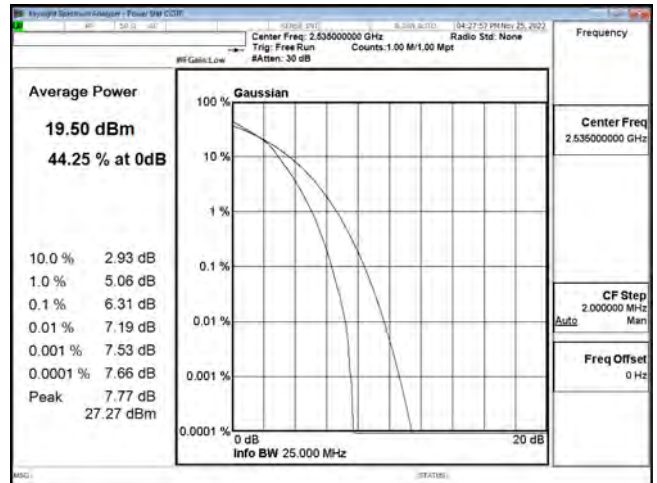
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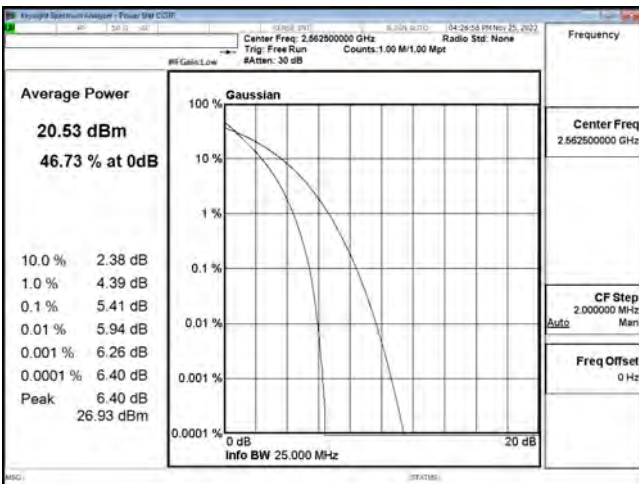
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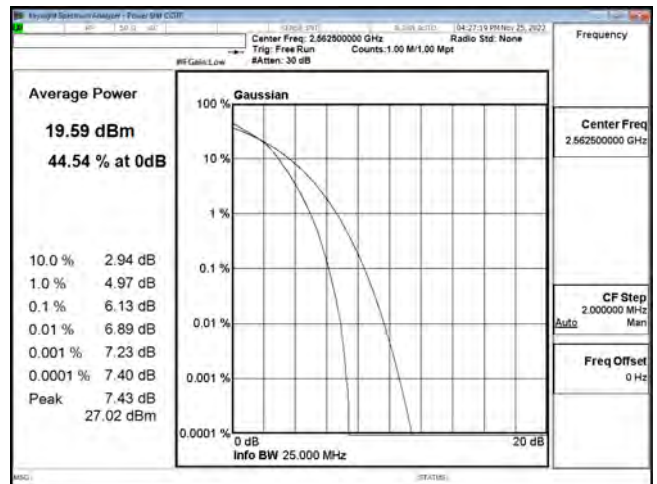
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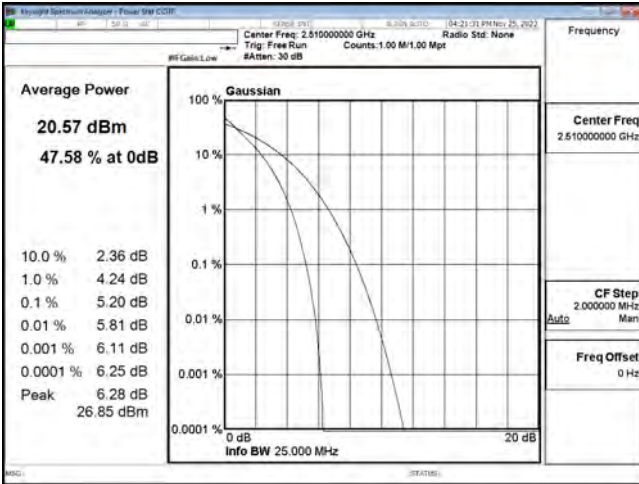
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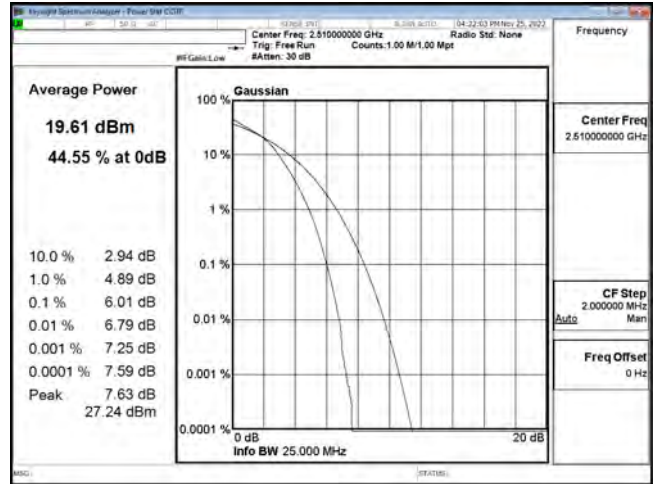
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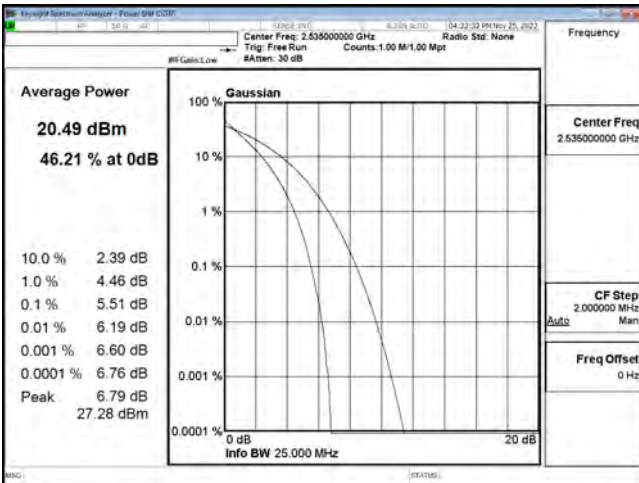
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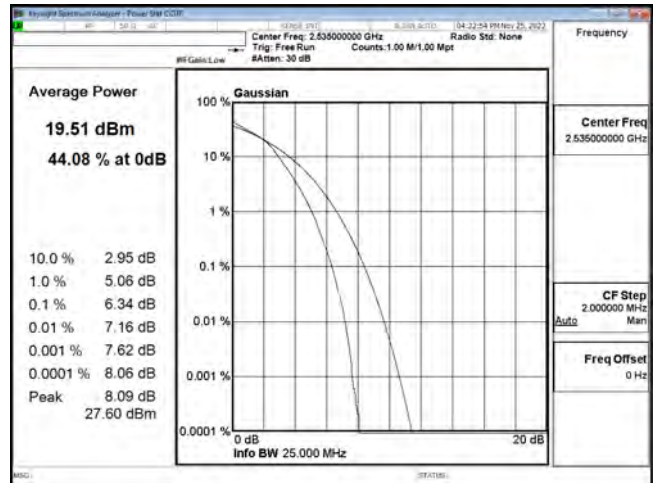
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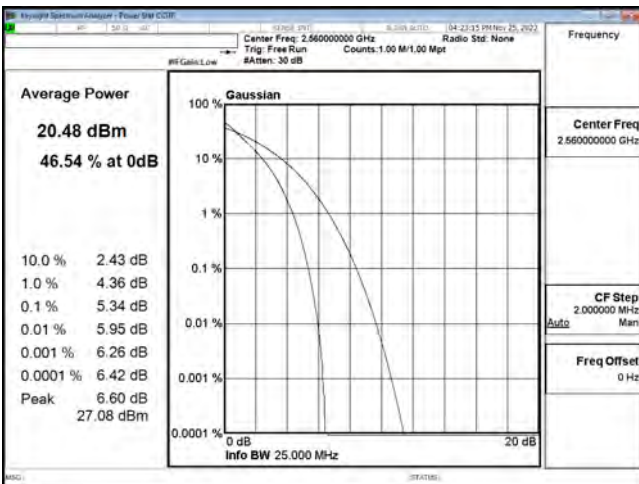
PTAR B7 20 M CH20850 16QAM



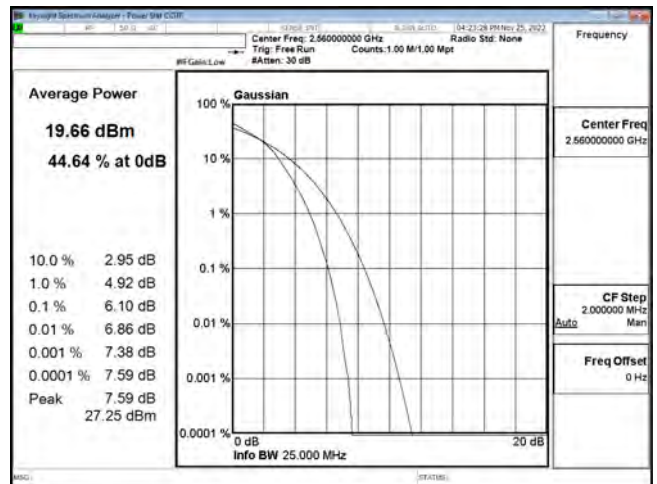
PTAR B7 20 M CH21100 QPSK



PTAR B7 20 M CH21100 16QAM

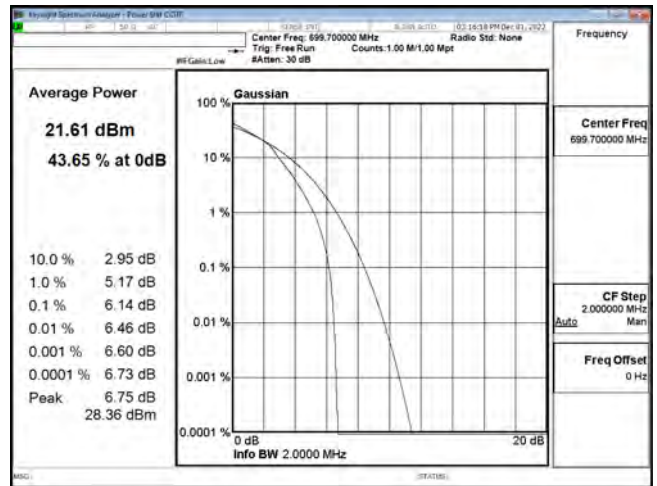
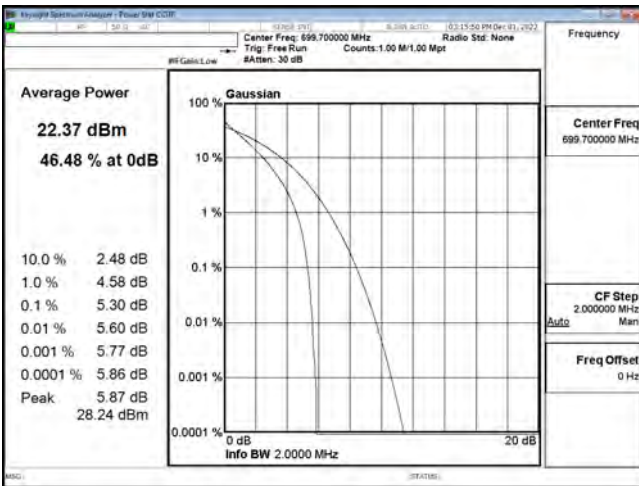


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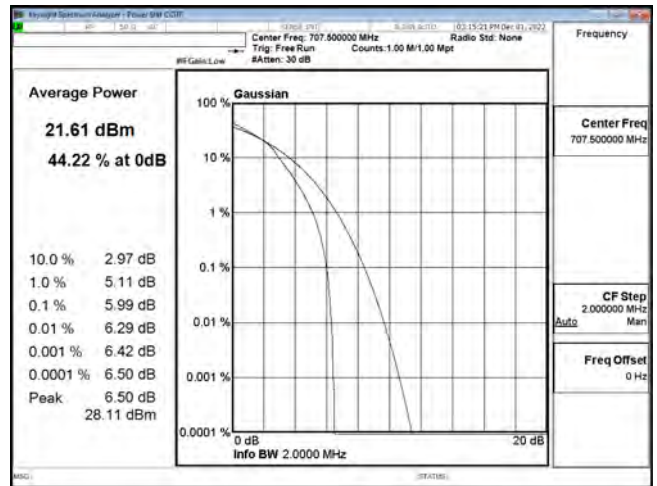
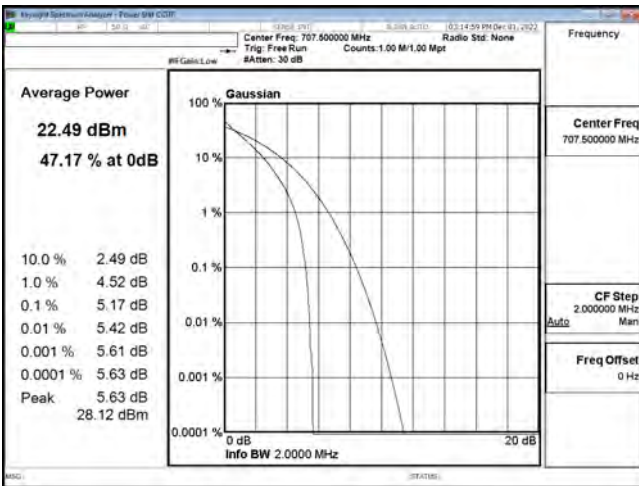
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LTE Band 12



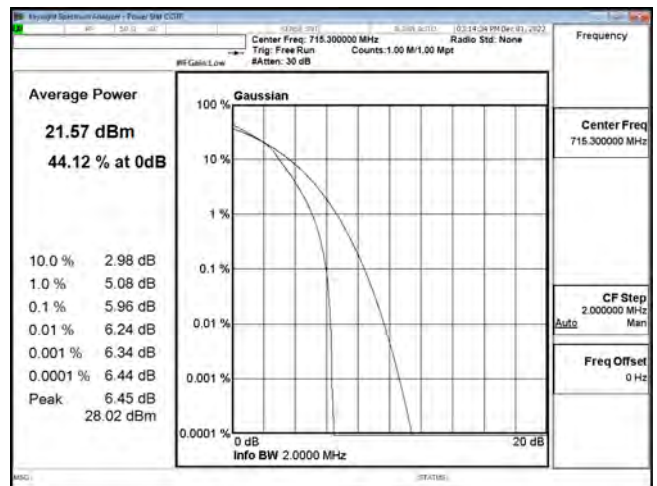
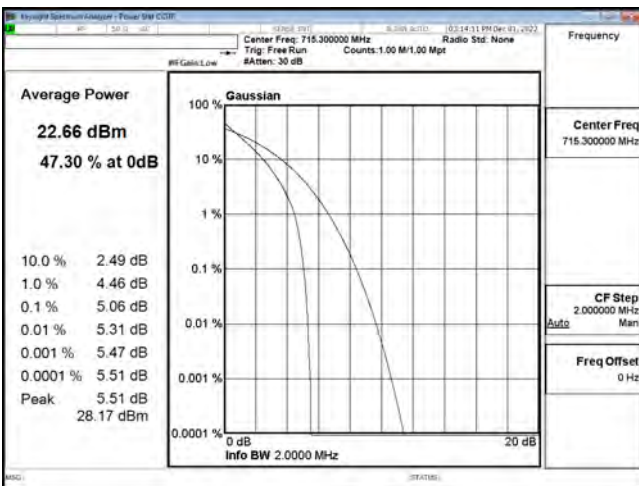
PTAR B12 1.4 M CH23017 QPSK

PTAR B12 1.4 M CH23017 16QAM



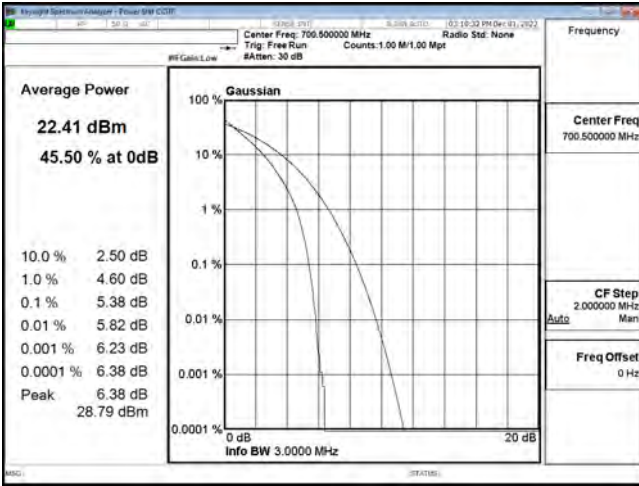
PTAR B12 1.4 M CH23095 QPSK

PTAR B12 1.4 M CH23095 16QAM

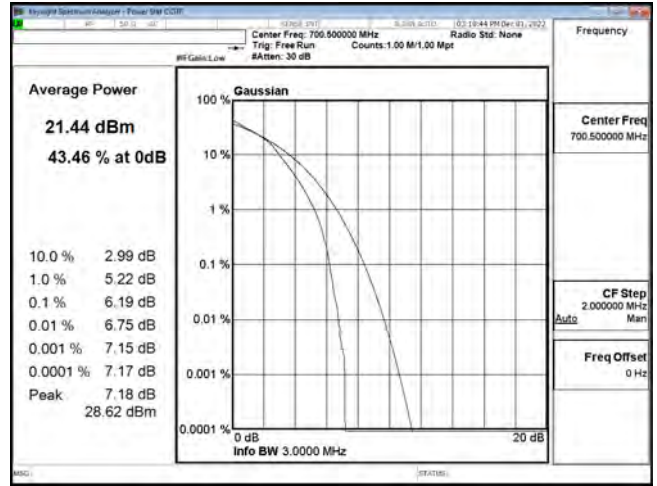


PTAR B12 1.4 M CH23173 QPSK

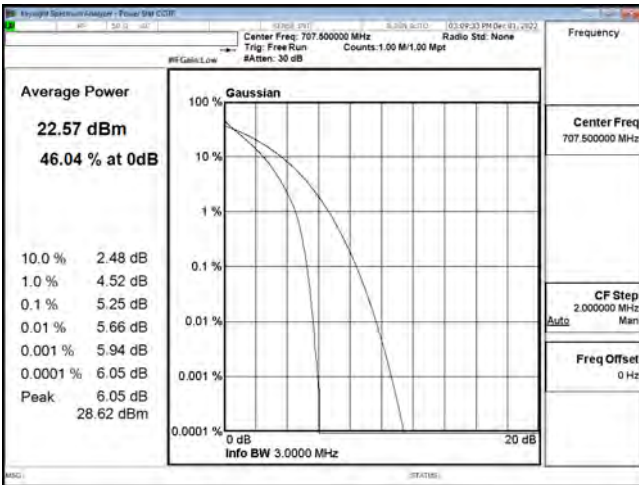
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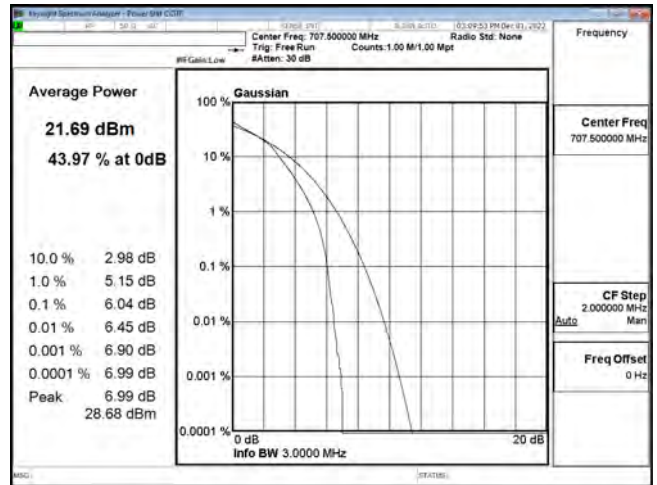
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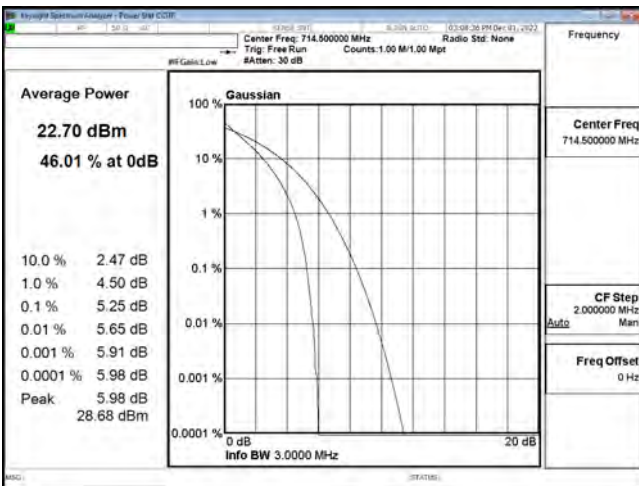
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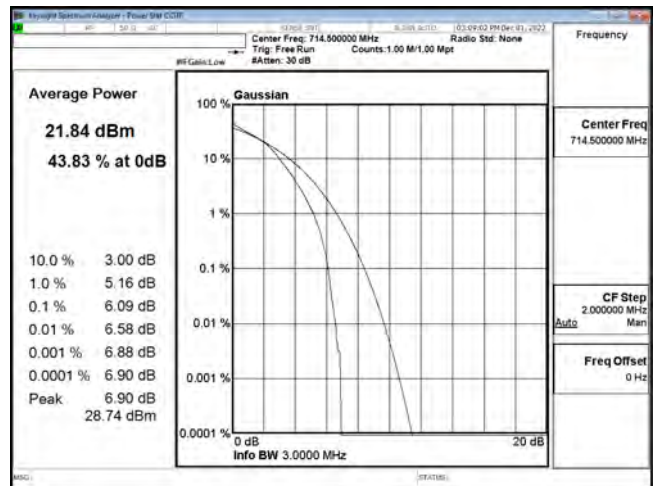
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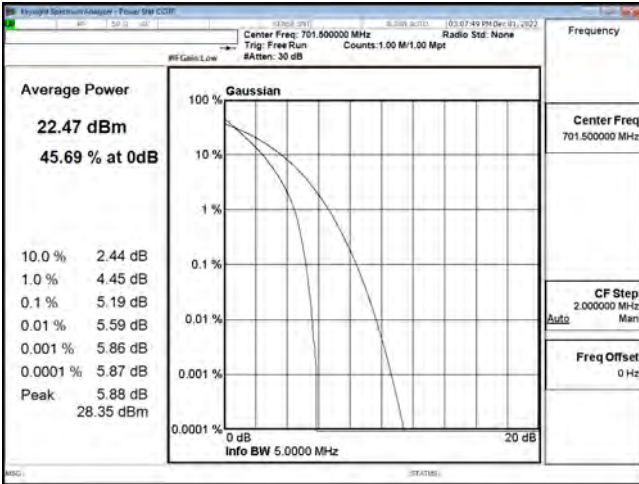
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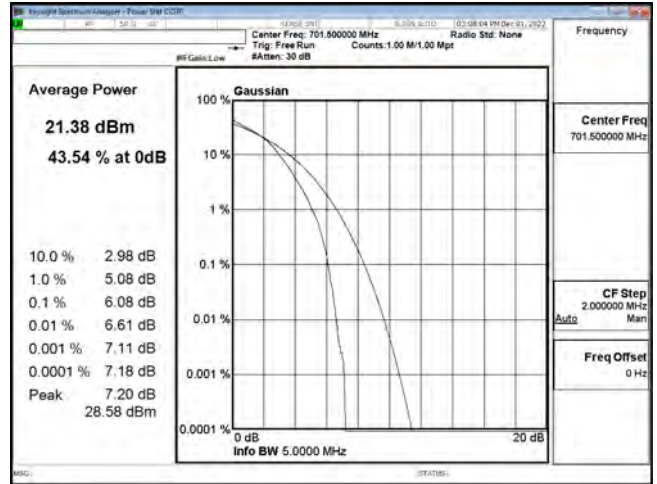
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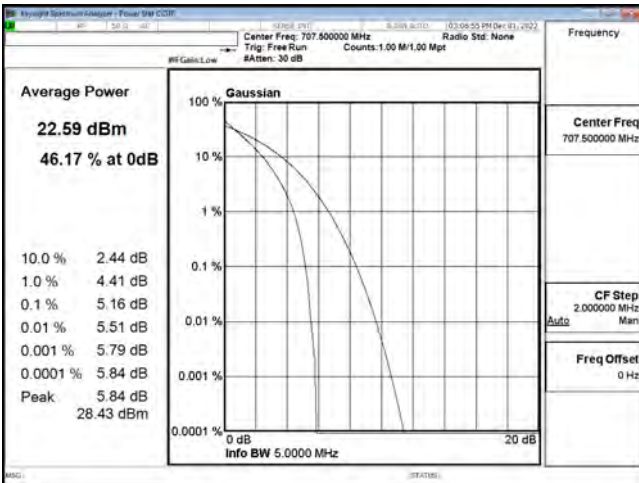
PTAR B12 3 M CH23165 16QAM



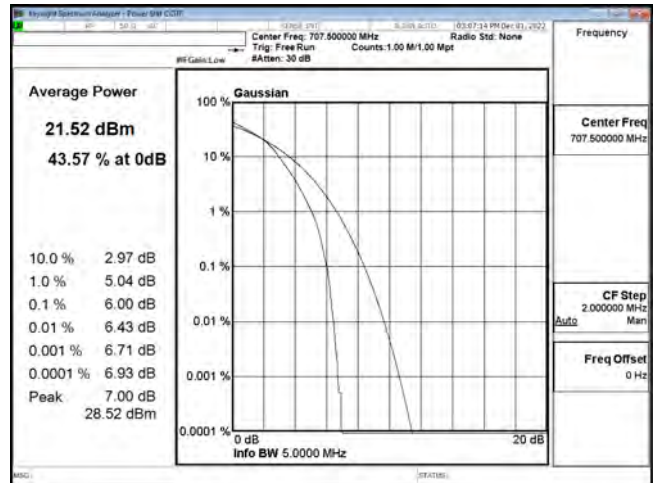
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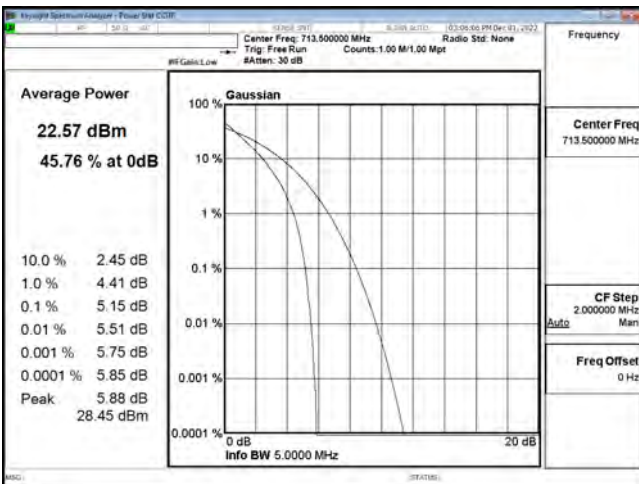
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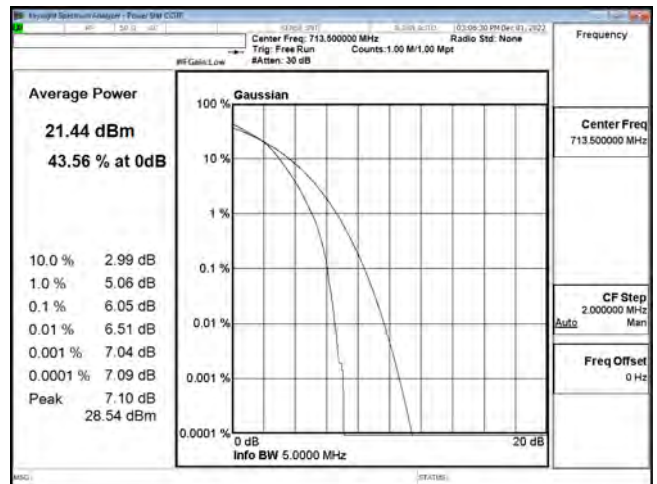
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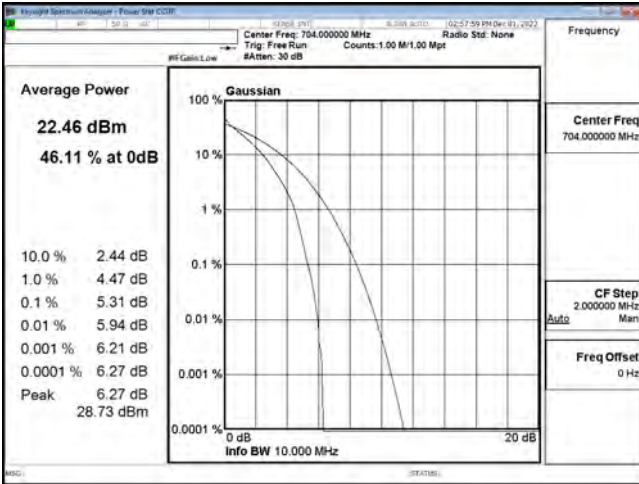
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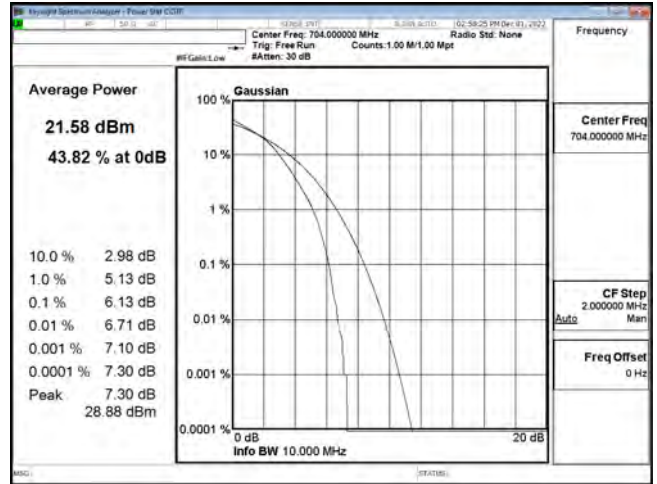
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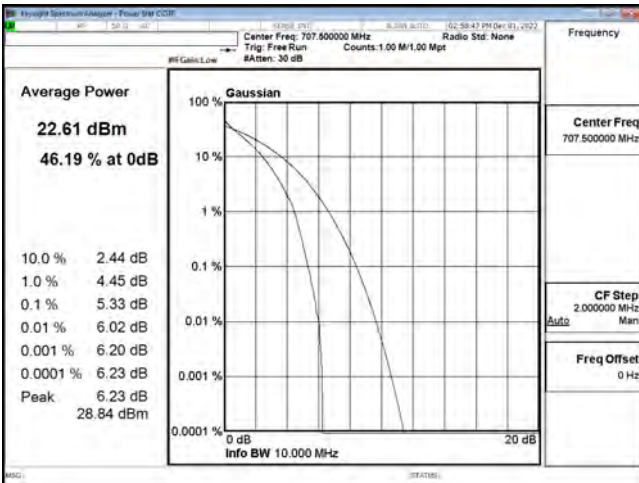
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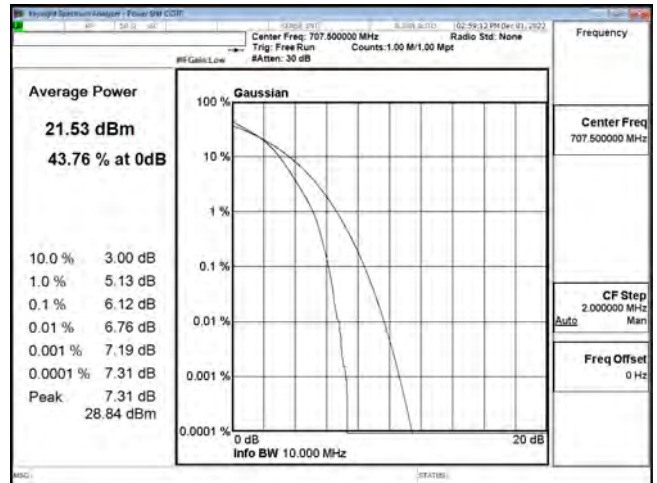
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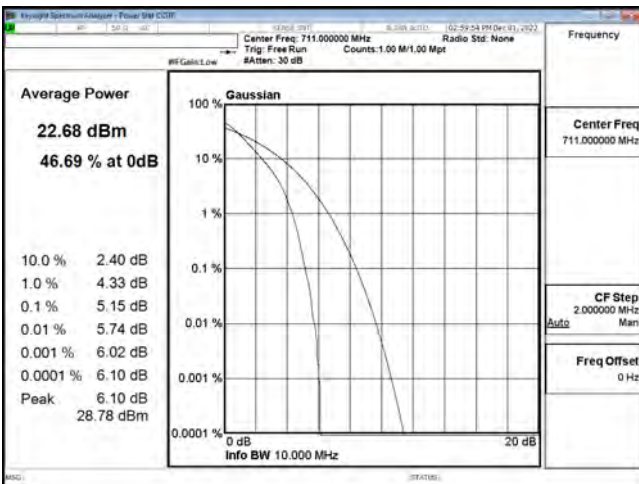
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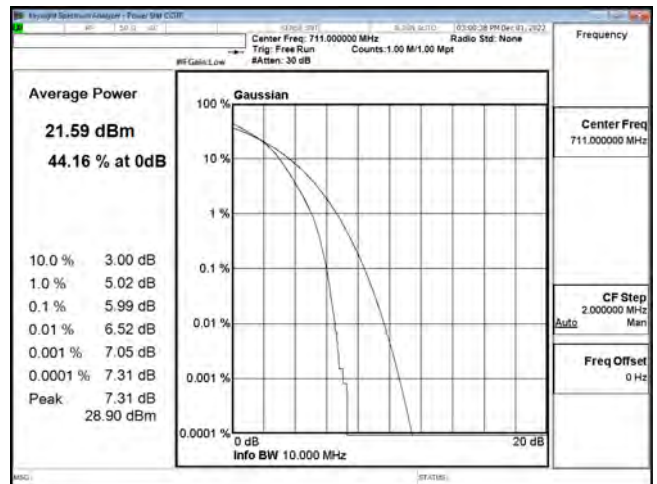
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PTAR B12 10 M CH23095 16QAM

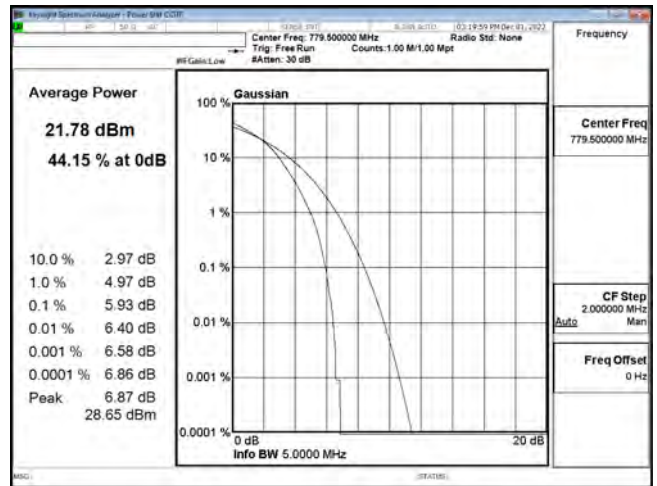
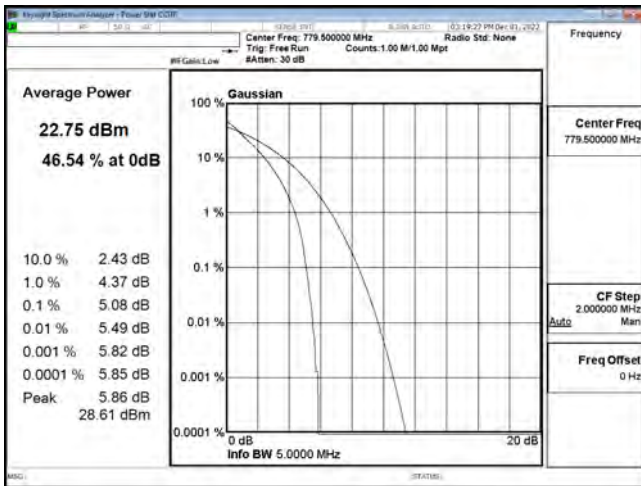


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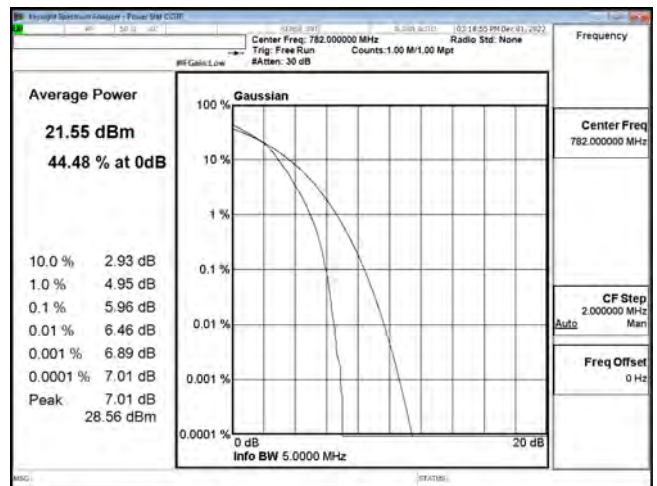
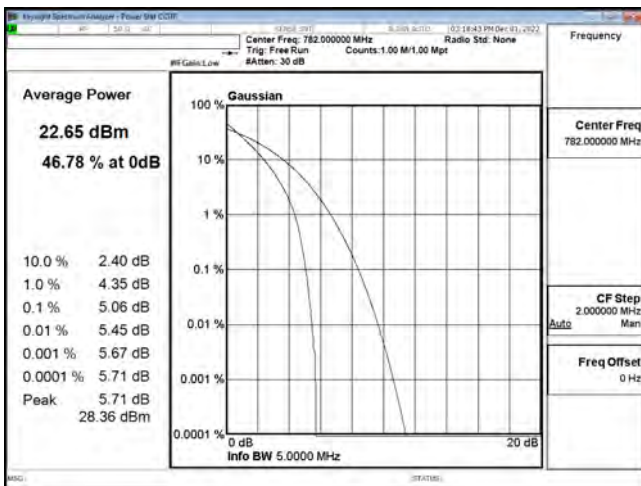
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LTE Band 13



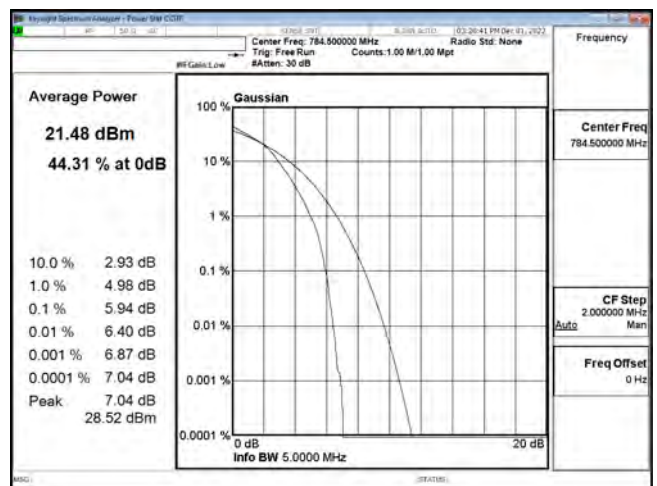
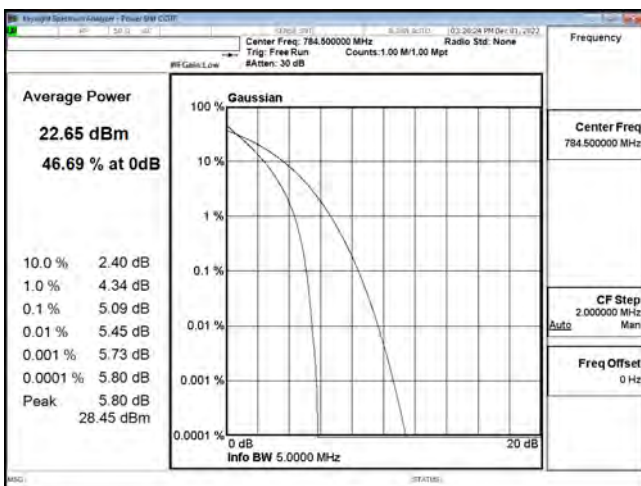
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PTAR B13 5 M CH23205 16QAM



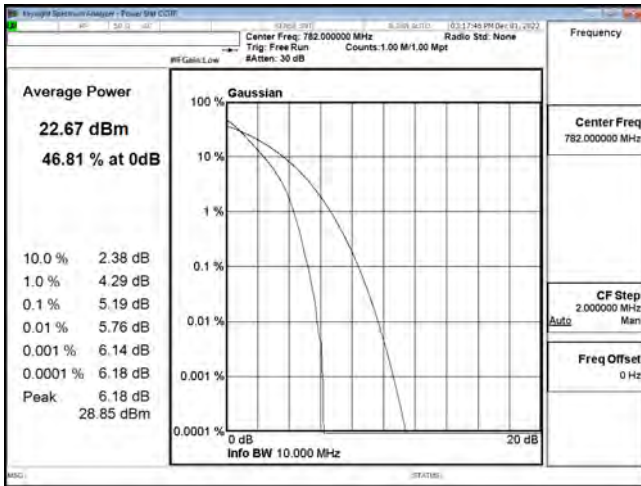
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PTAR B13 5 M CH23230 16QAM

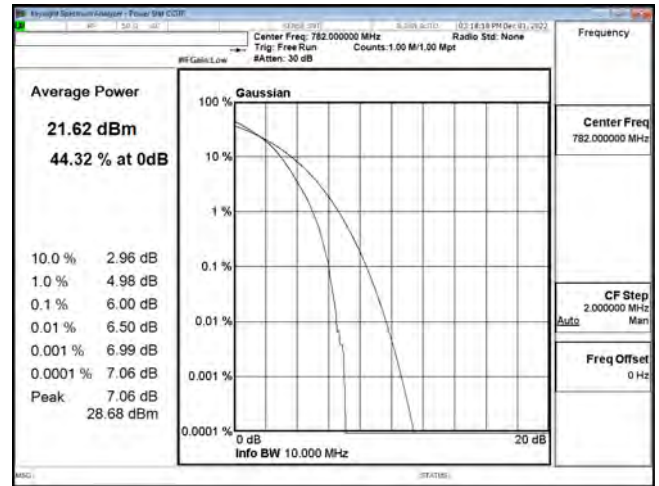


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PTAR B13 5 M CH23255 16QAM

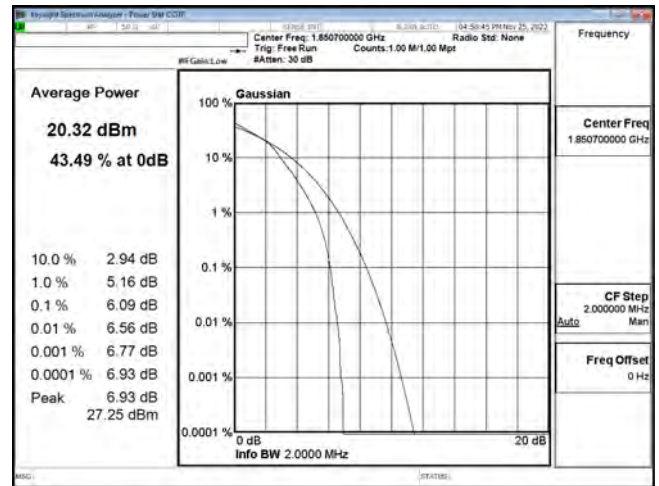
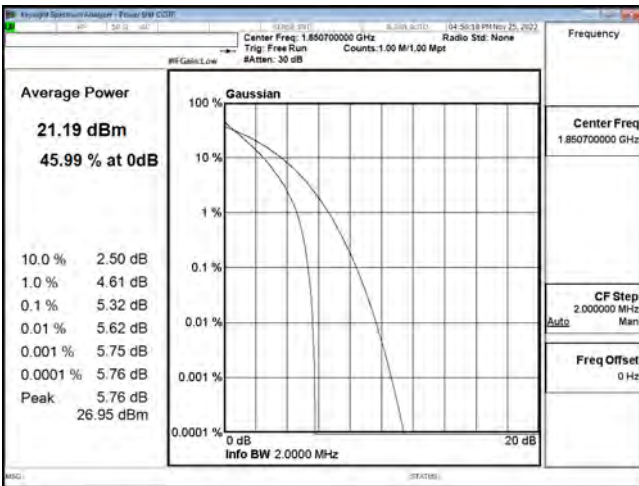


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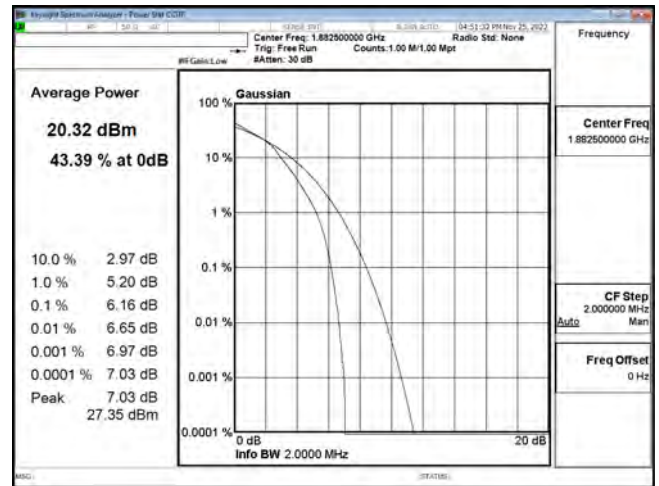
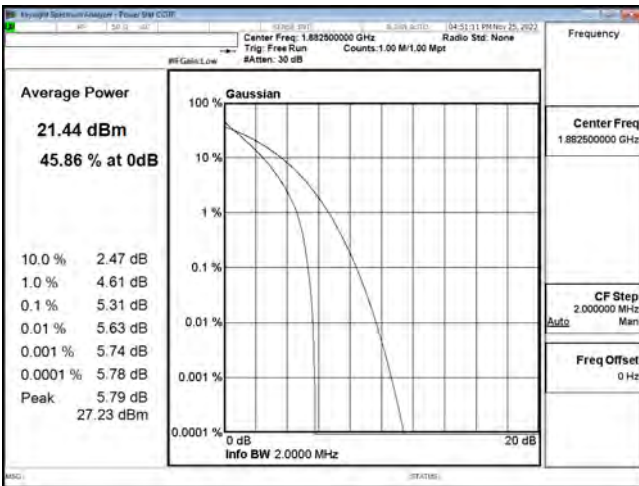
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LTE Band 25



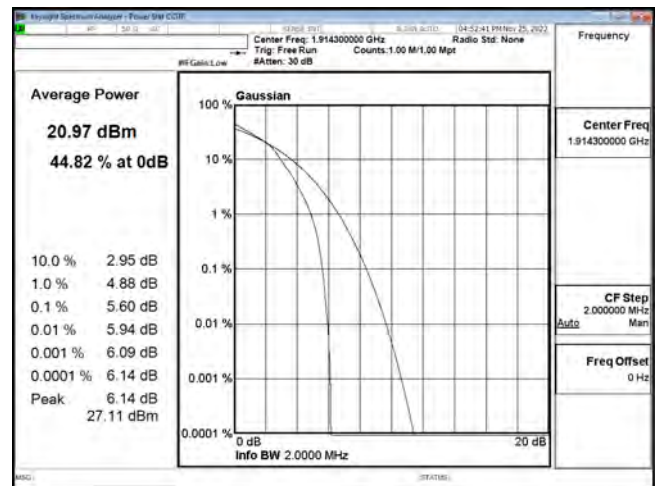
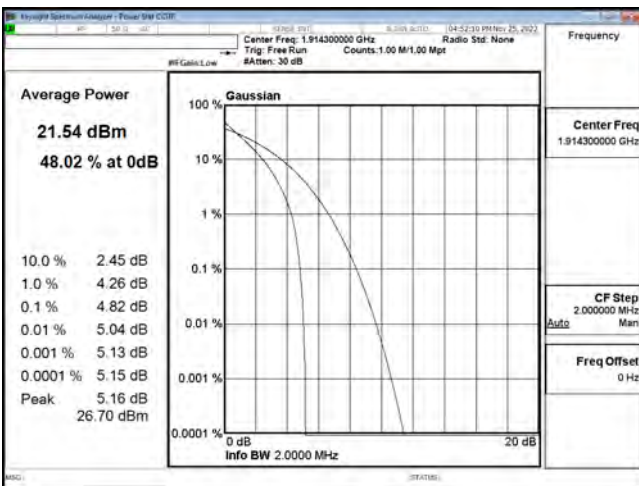
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PTAR B25 1.4 M CH26047 16QAM



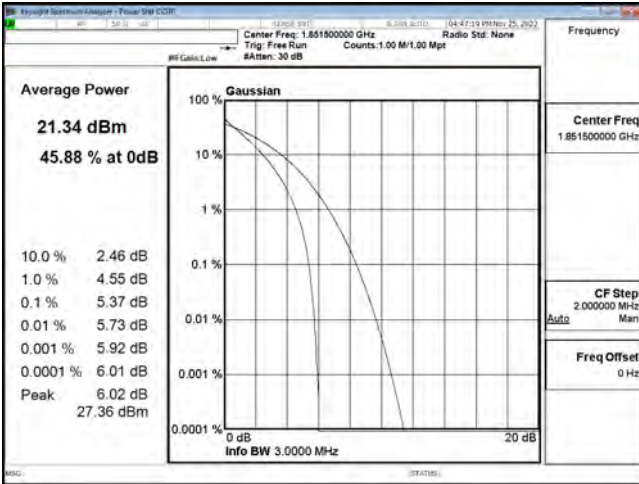
PTAR B25 1.4 M CH26365 QPSK

PTAR B25 1.4 M CH26365 16QAM

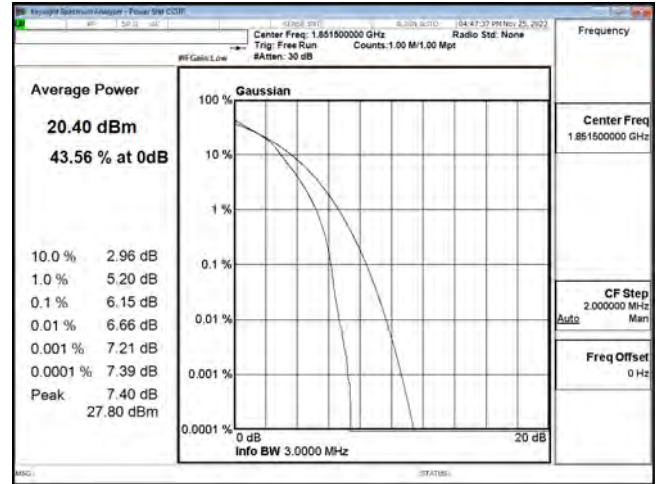


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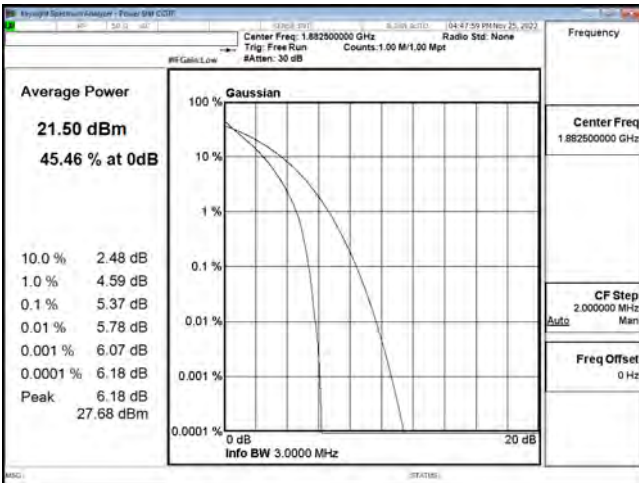
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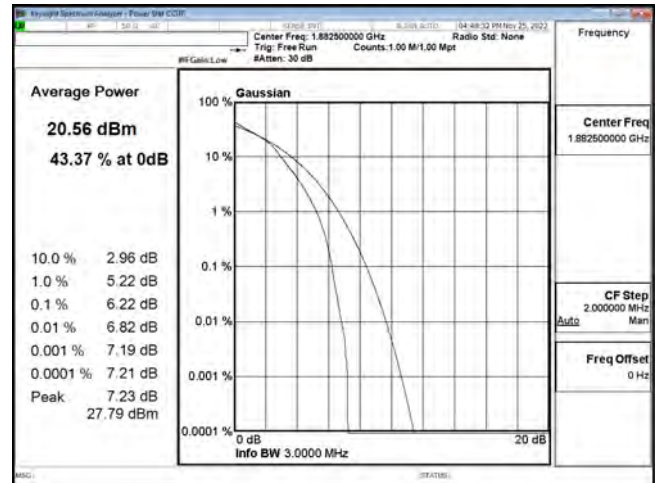
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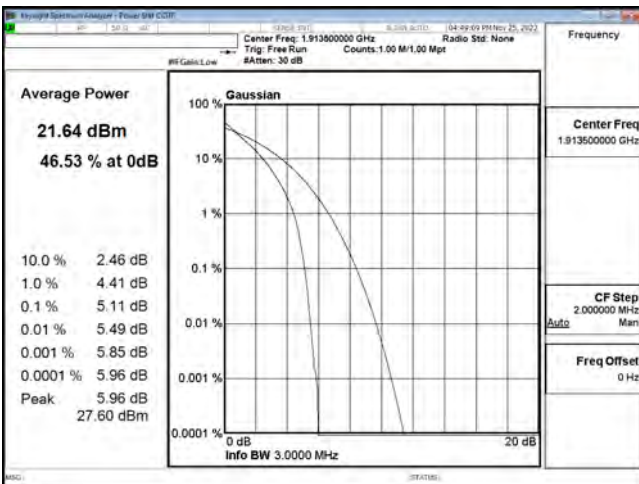
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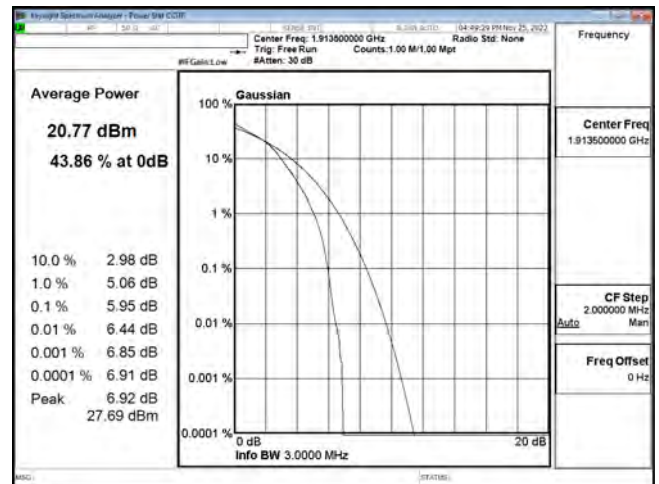
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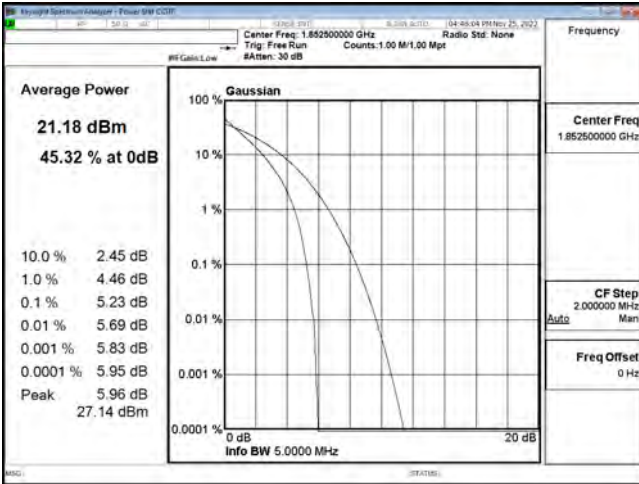
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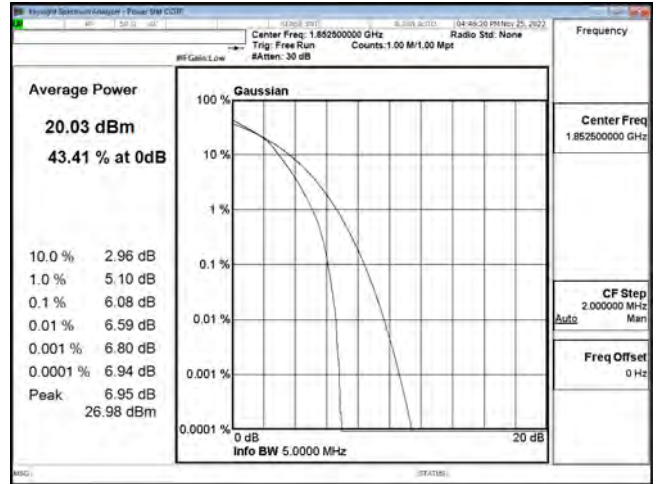
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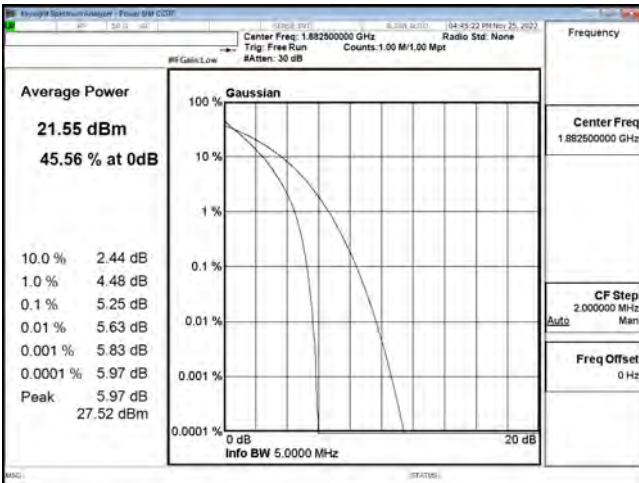
PTAR B25 3 M CH26675 16QAM



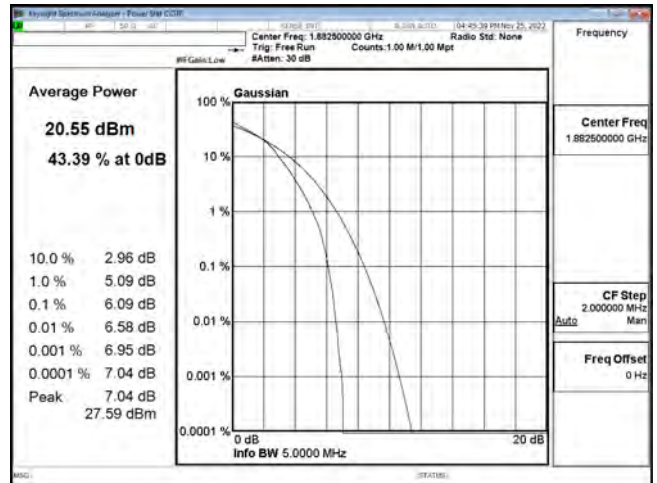
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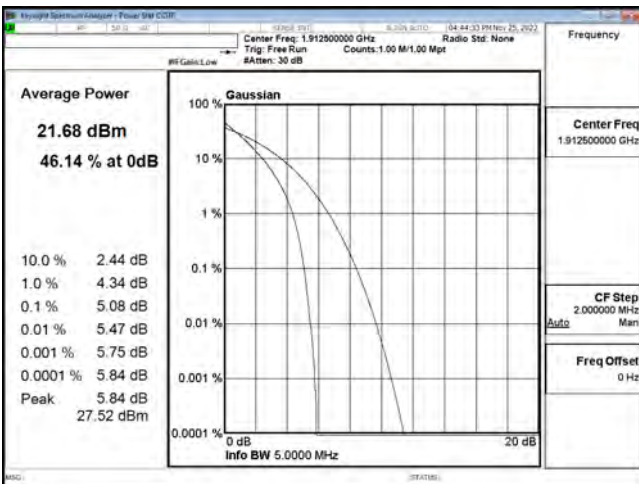
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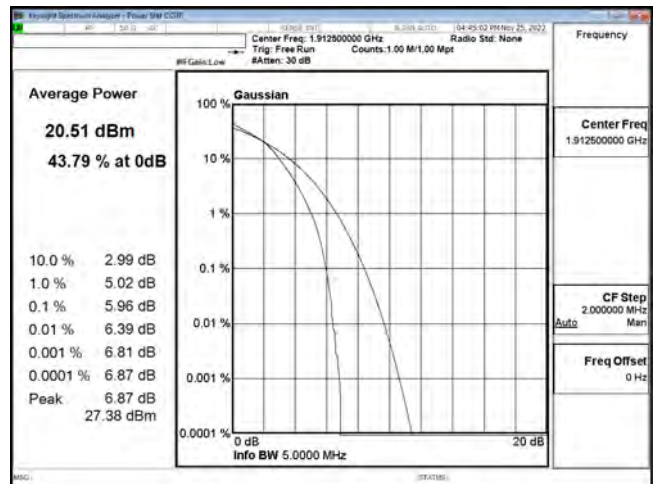
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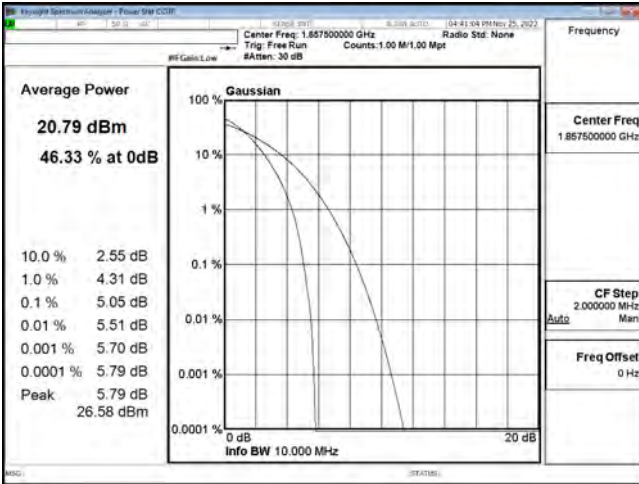
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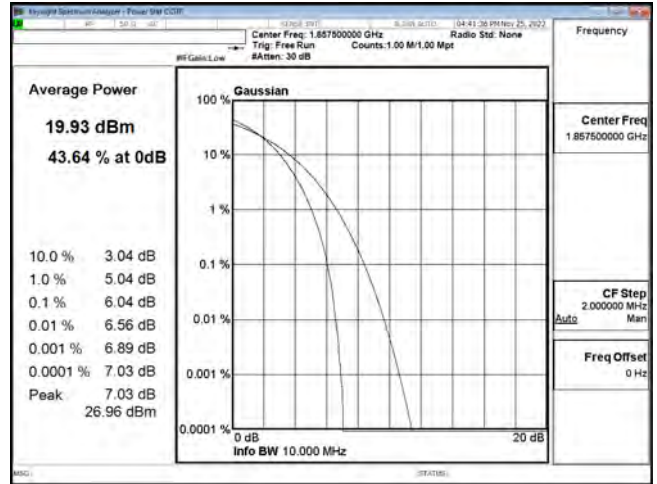
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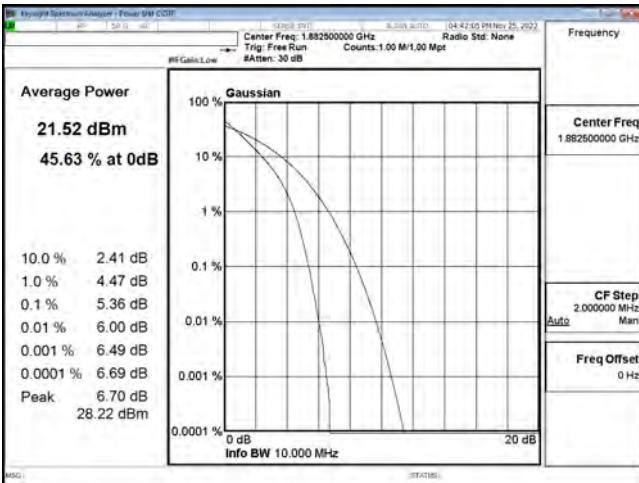
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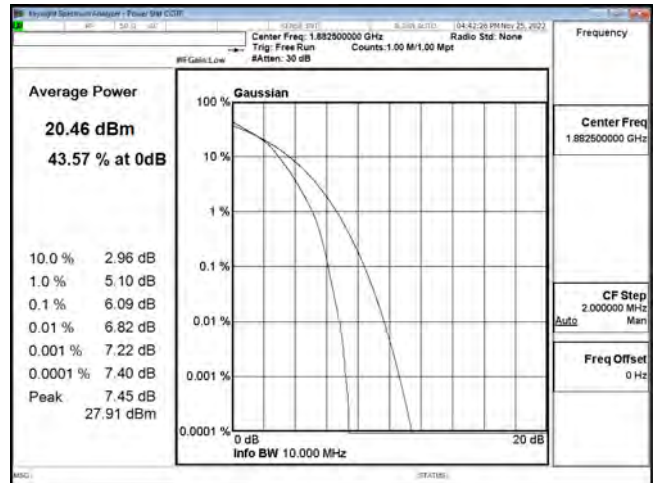
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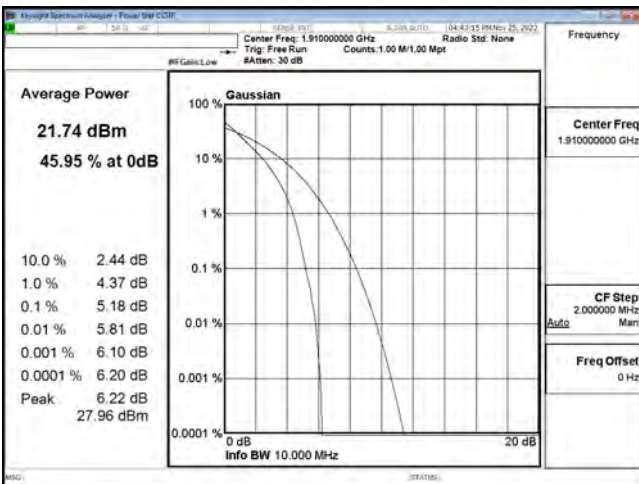
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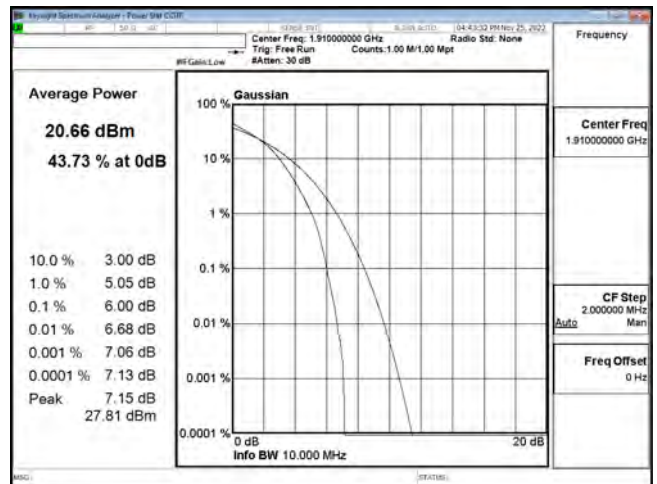
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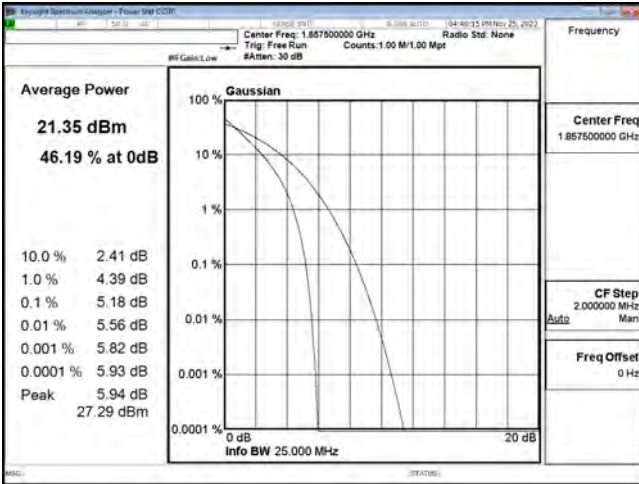
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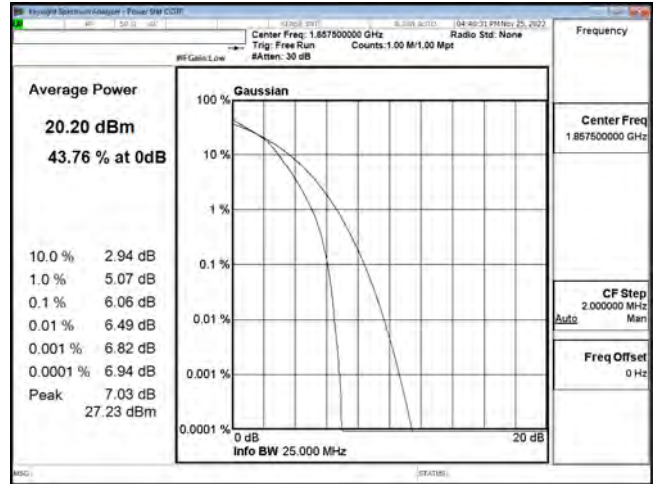
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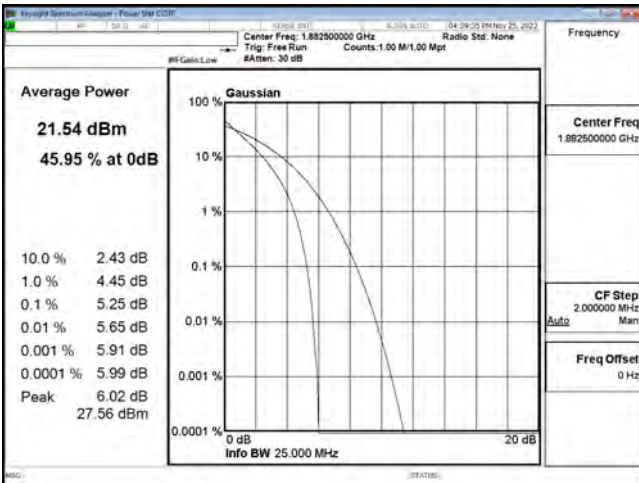
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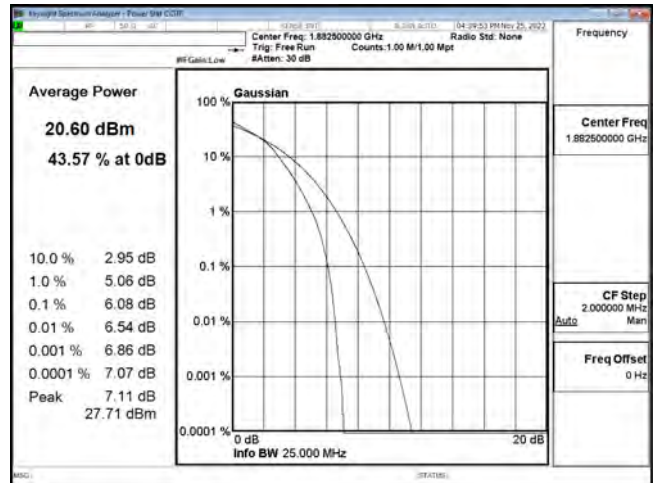
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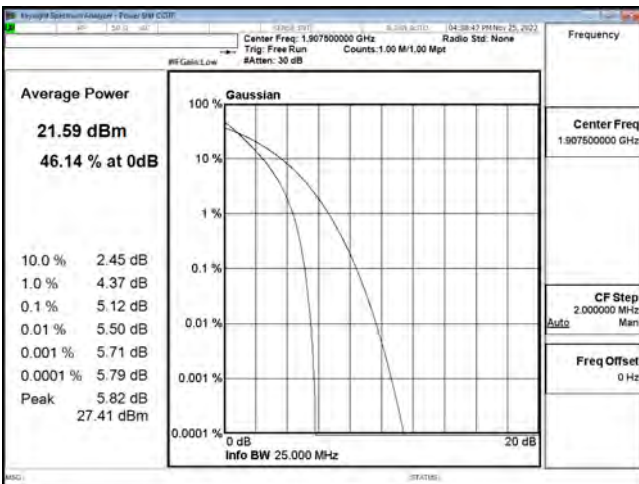
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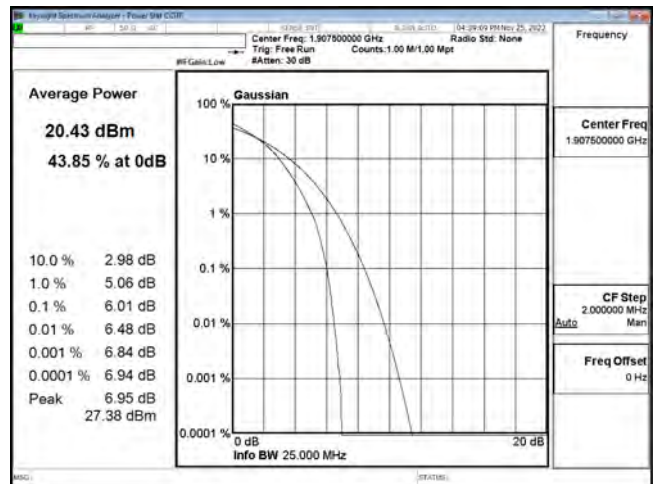
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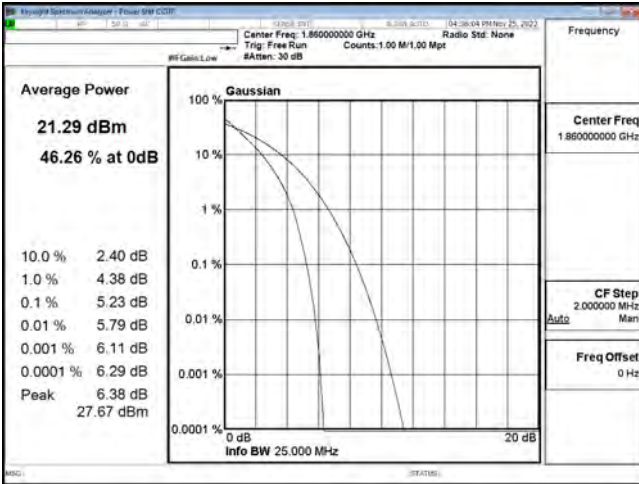
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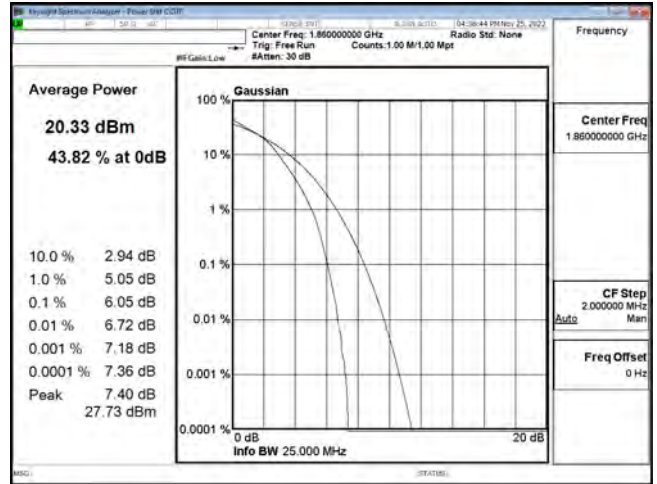
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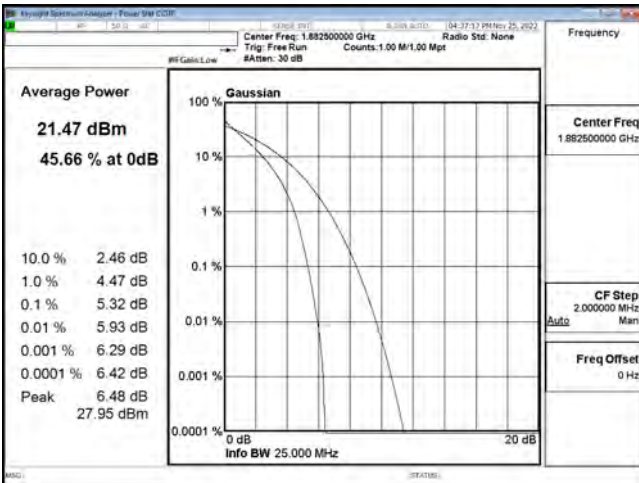
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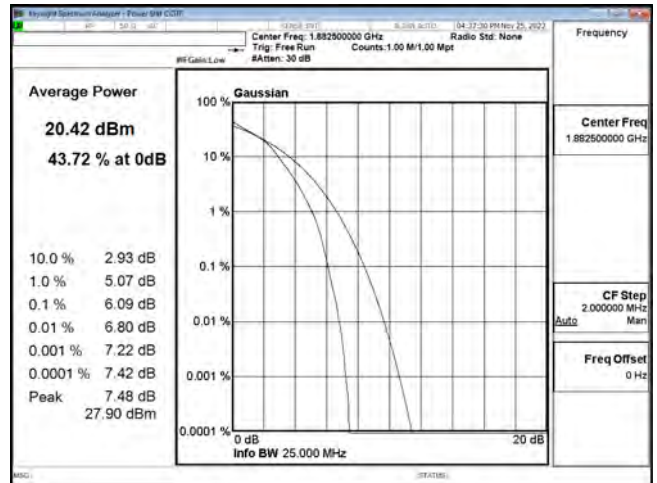
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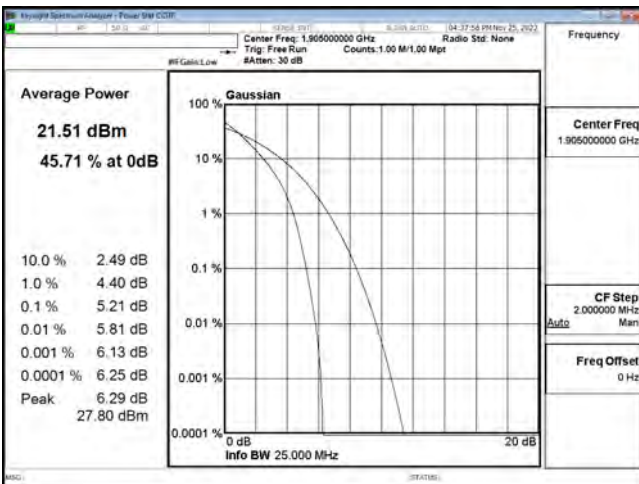
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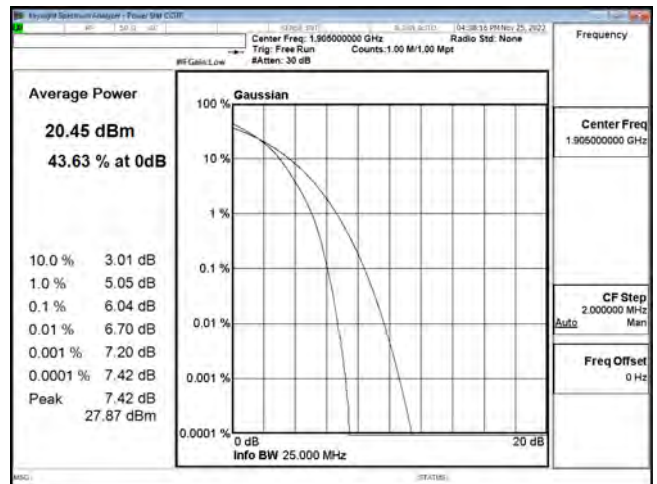
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PTAR B25 20 M CH26365 16QAM

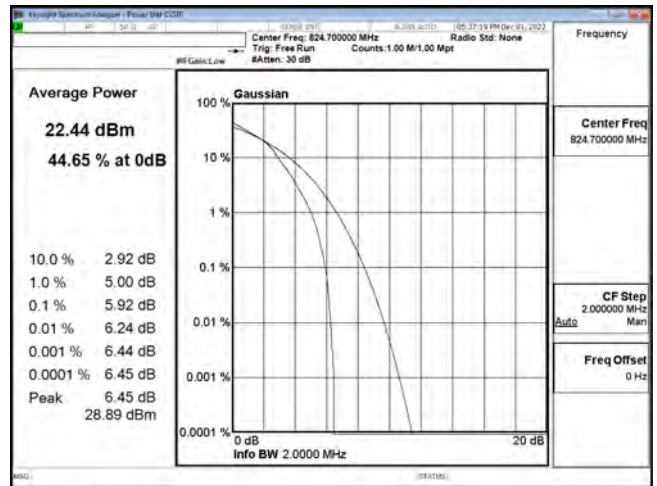
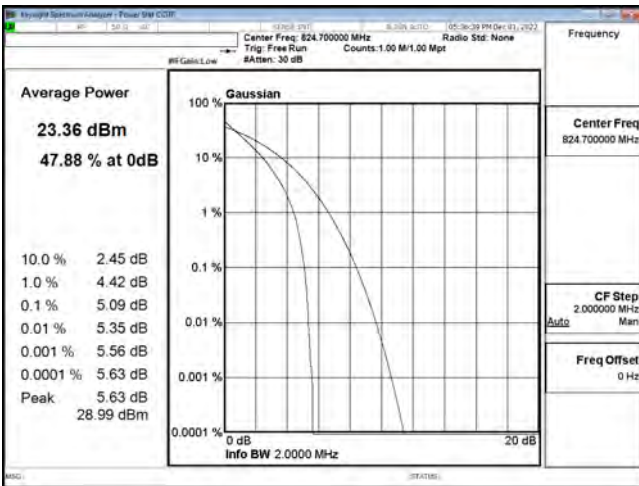


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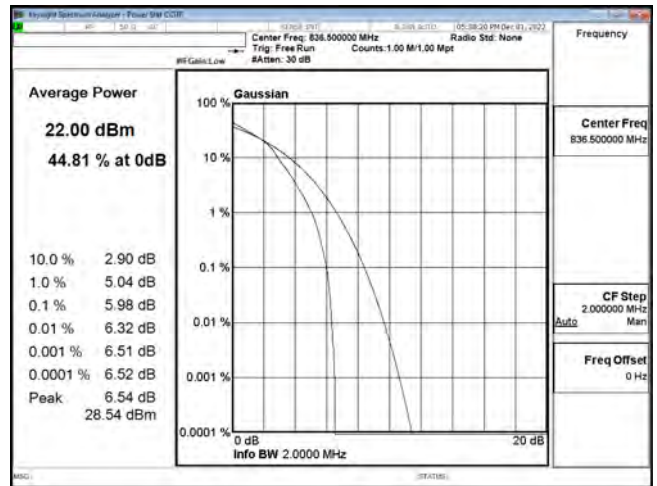
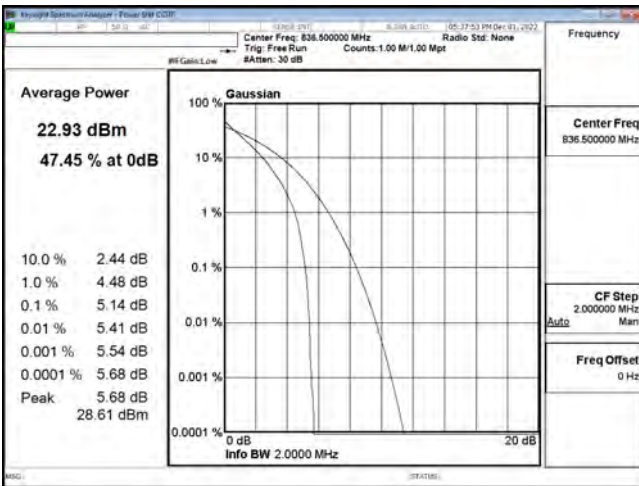
PTAR B25 20 M CH26590 16QAM

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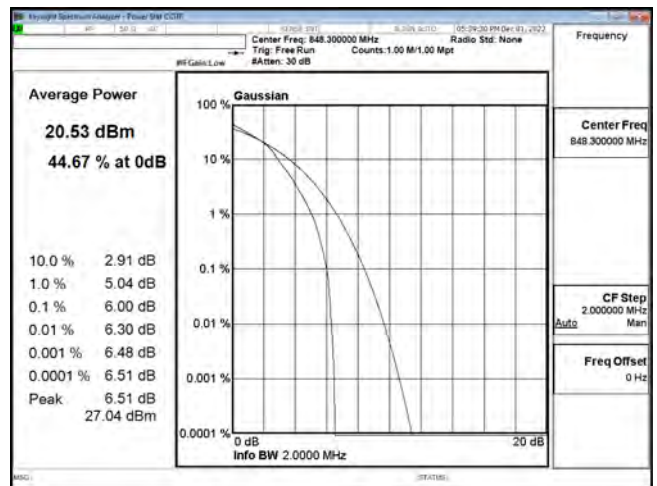
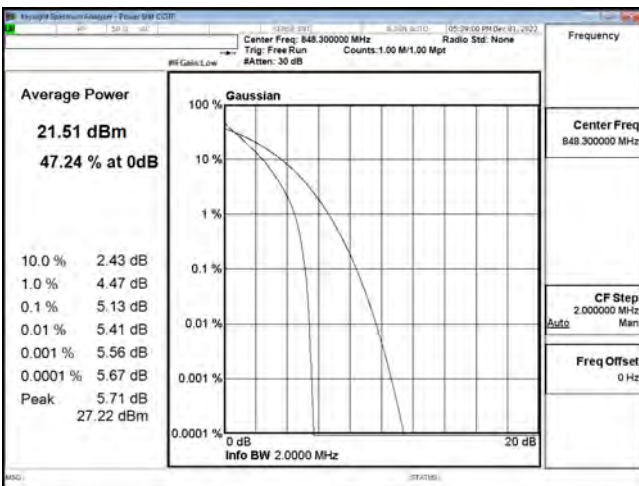
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PTAR B26 1.4 M CH26797 16QAM



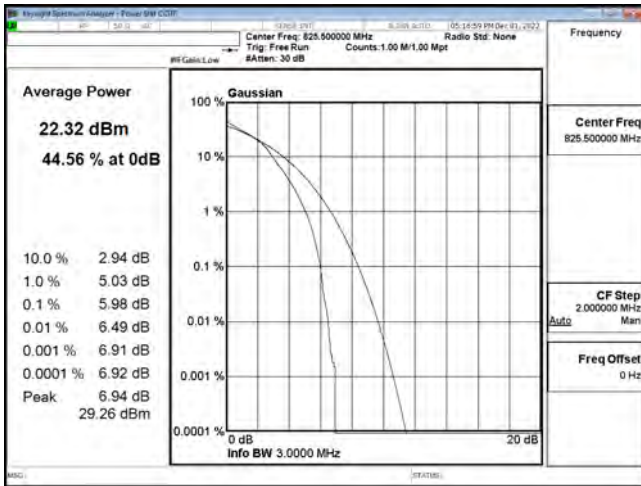
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PTAR B26 1.4 M CH26915 16QAM

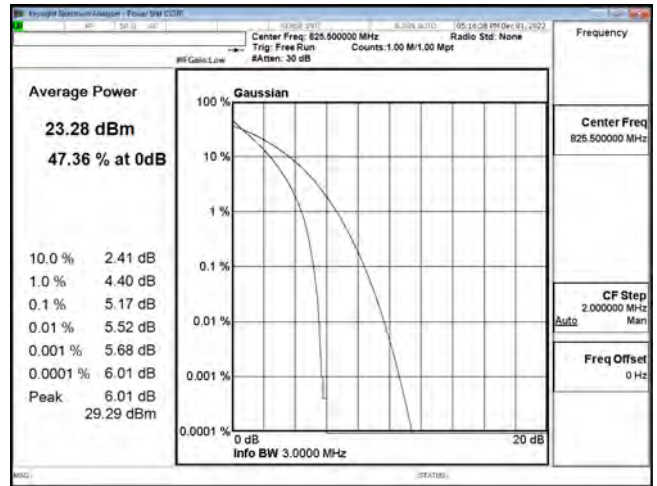


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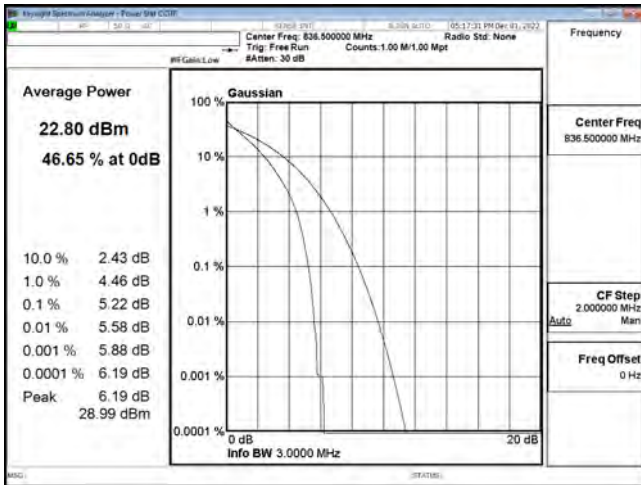
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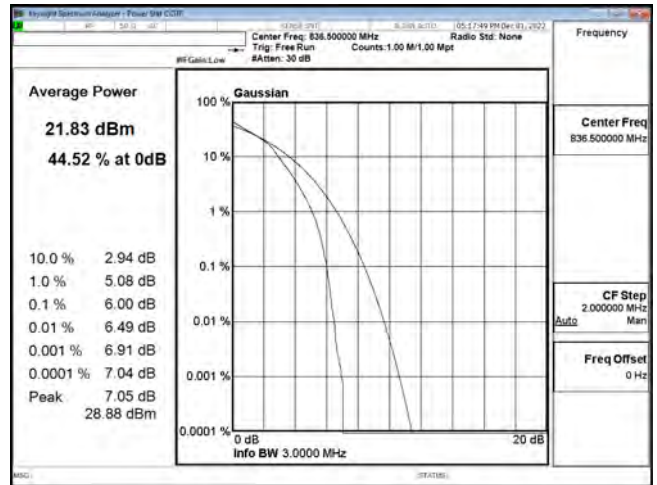
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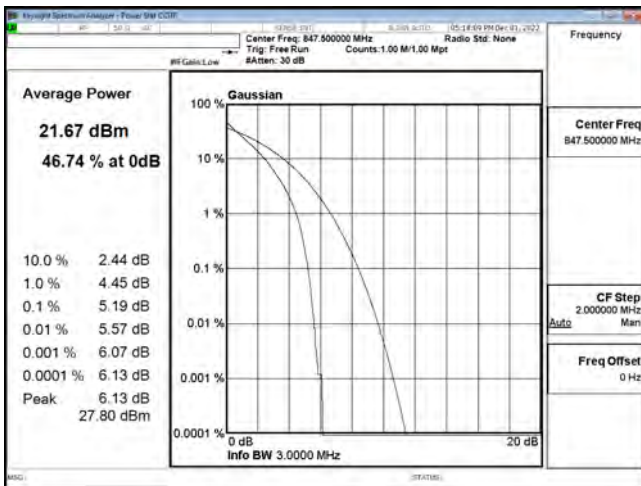
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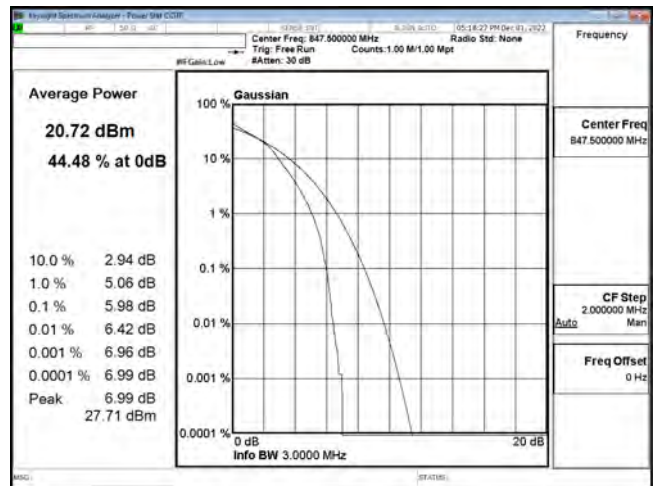
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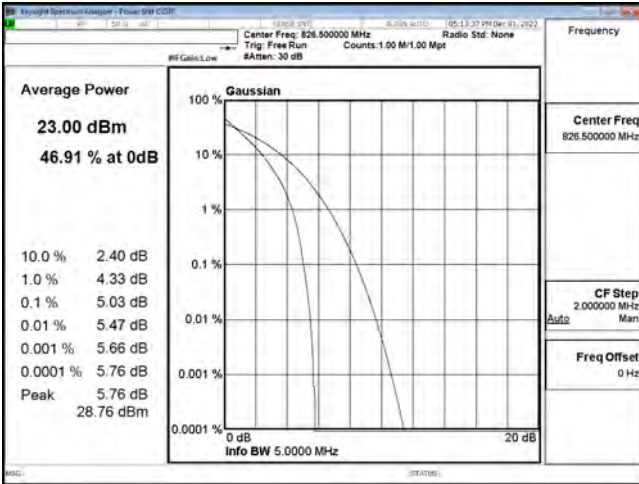
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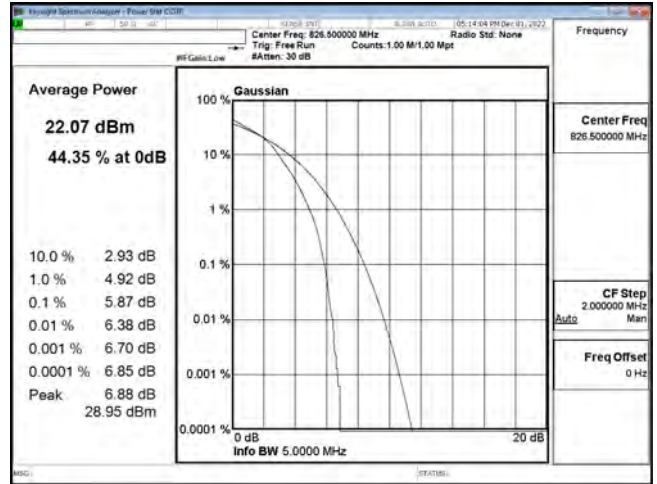
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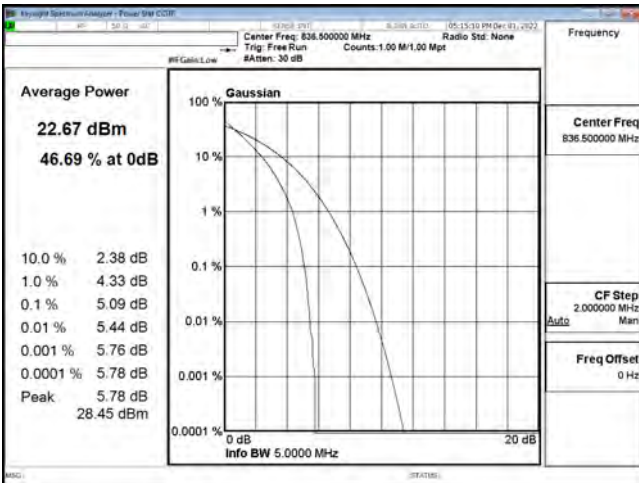
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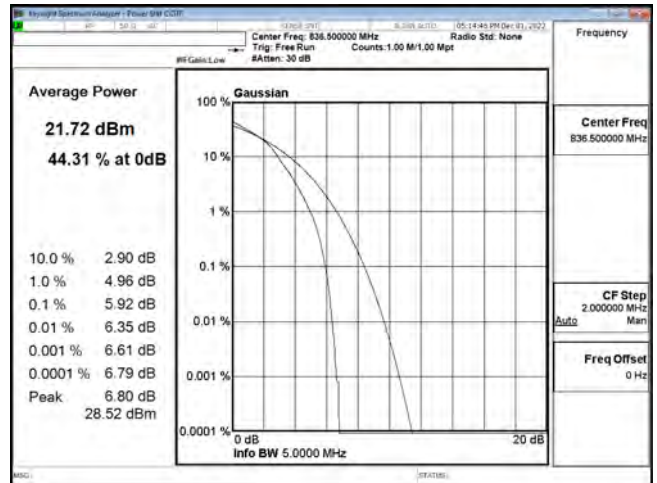
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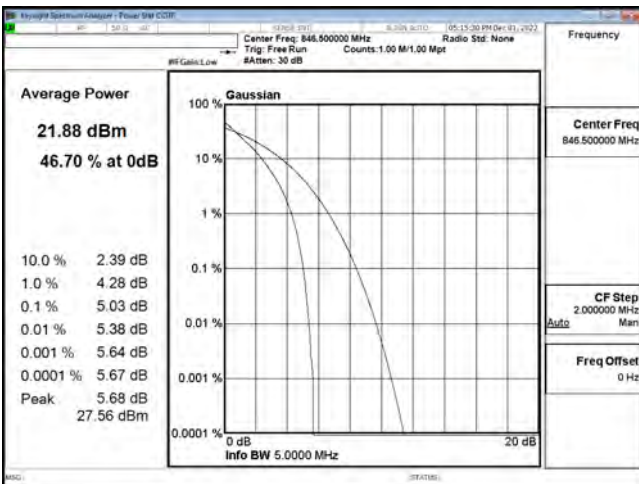
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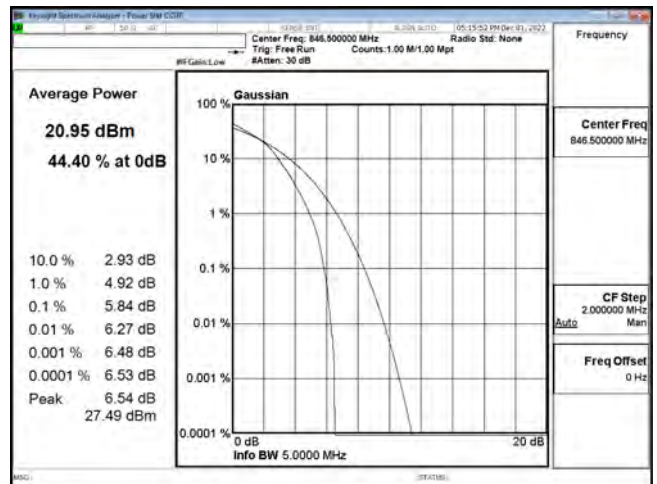
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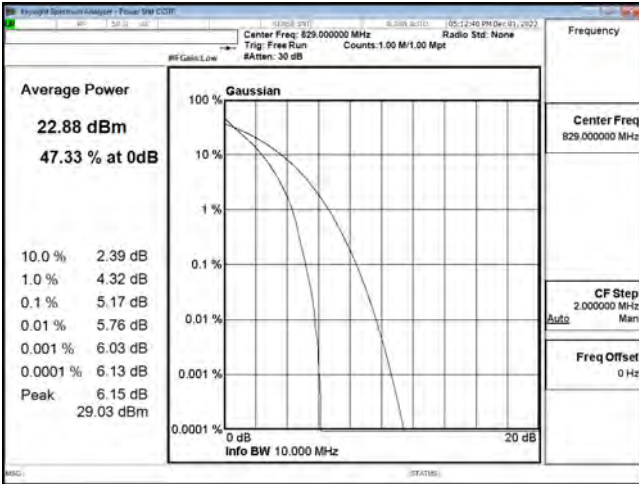
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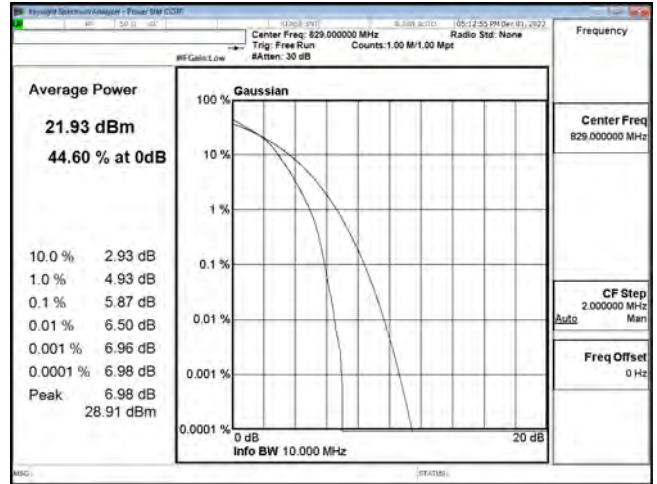
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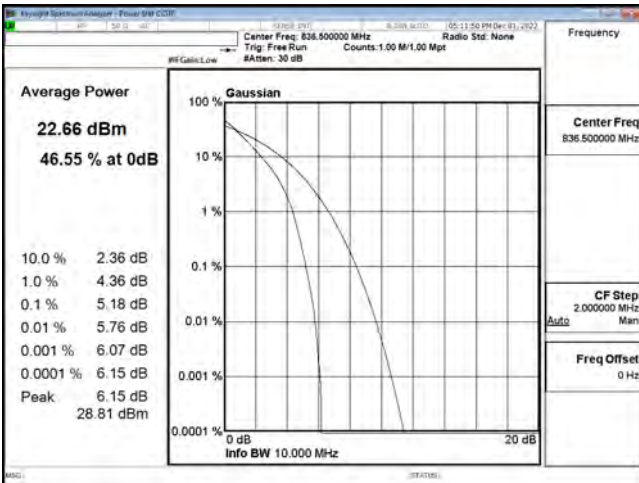
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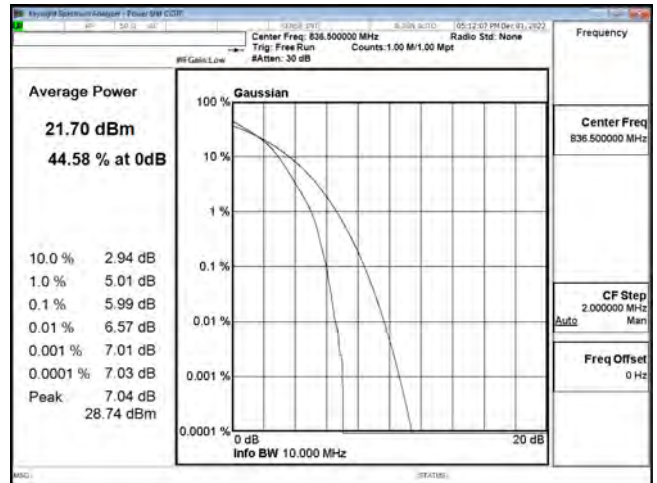
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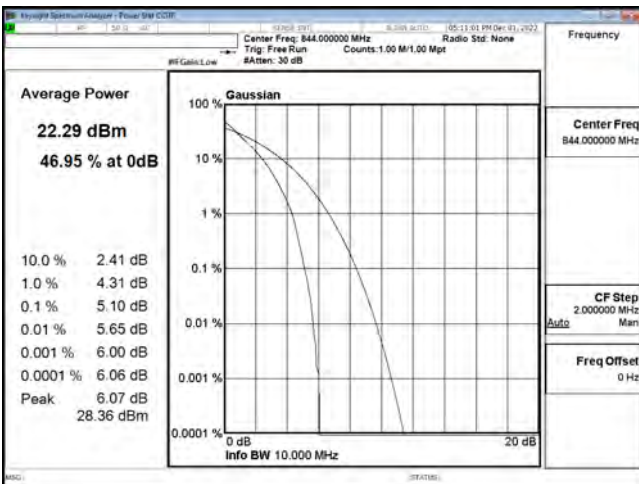
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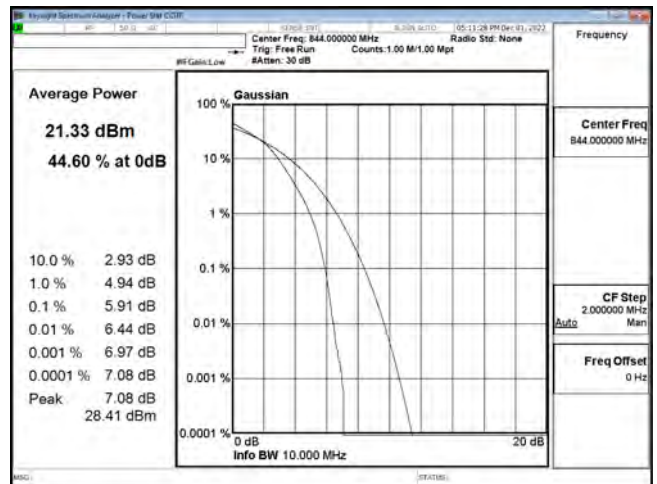
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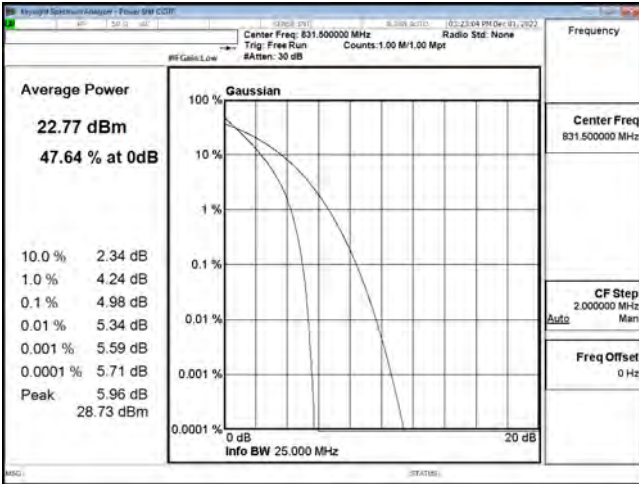
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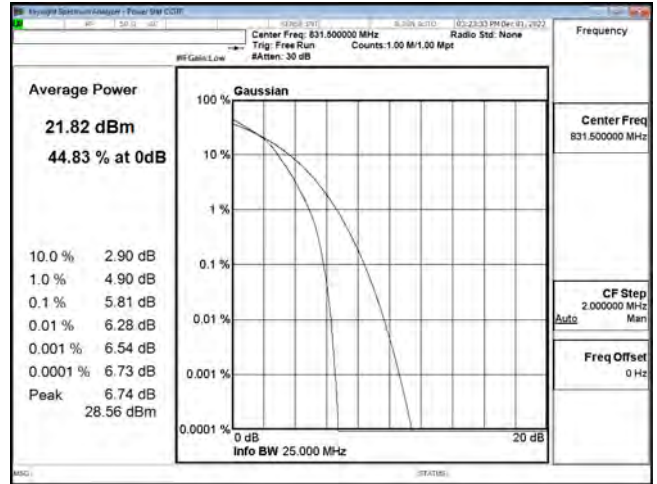
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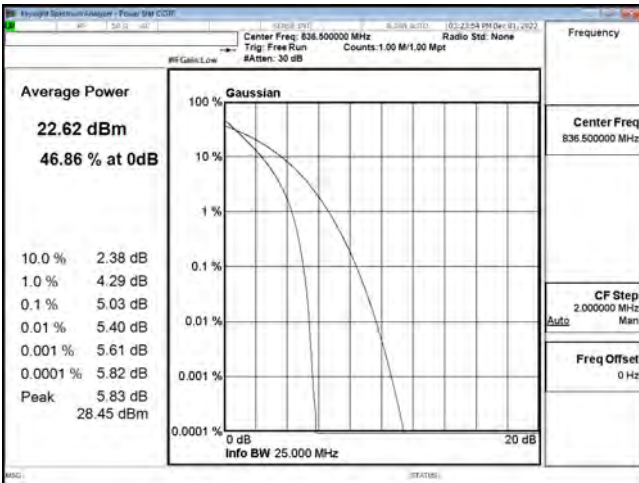
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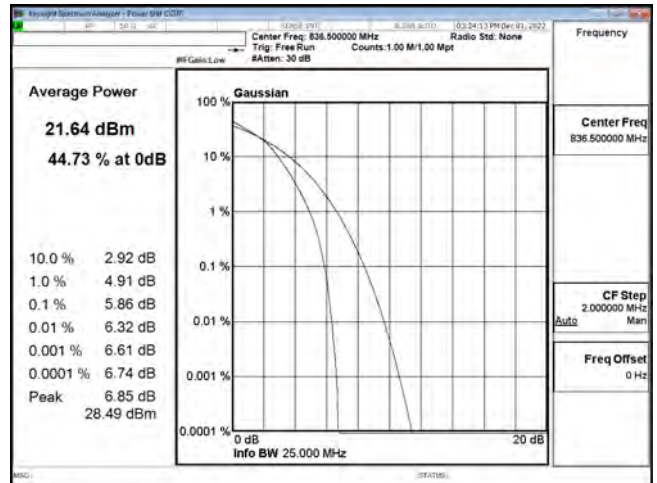
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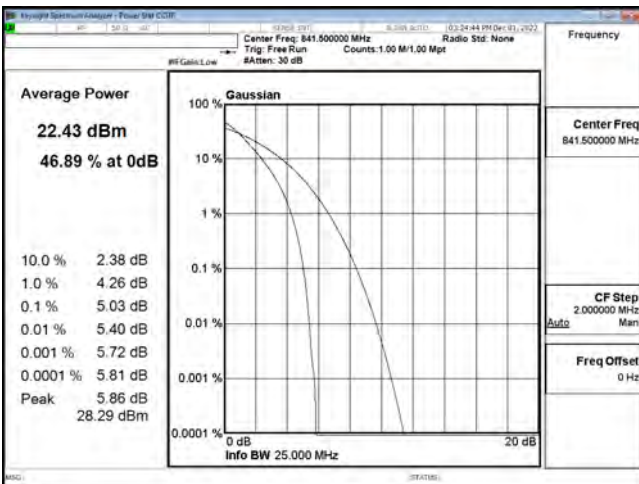
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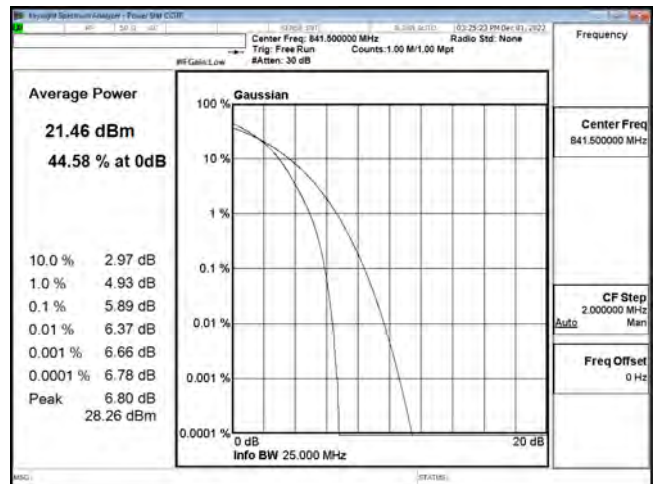
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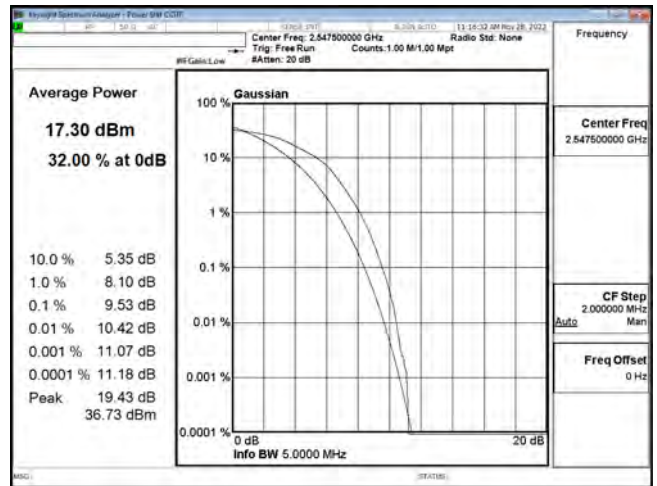
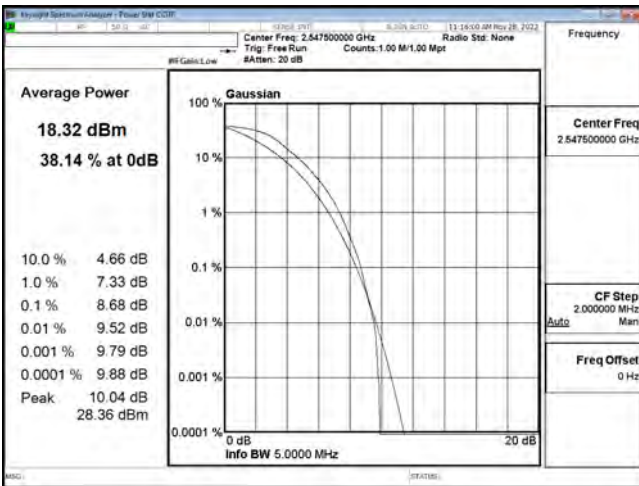


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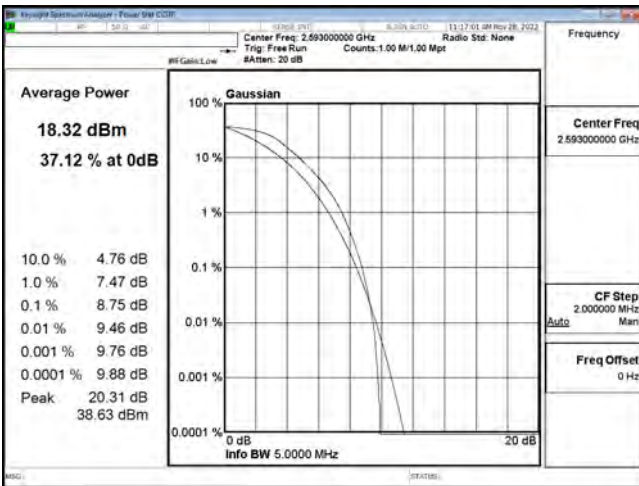


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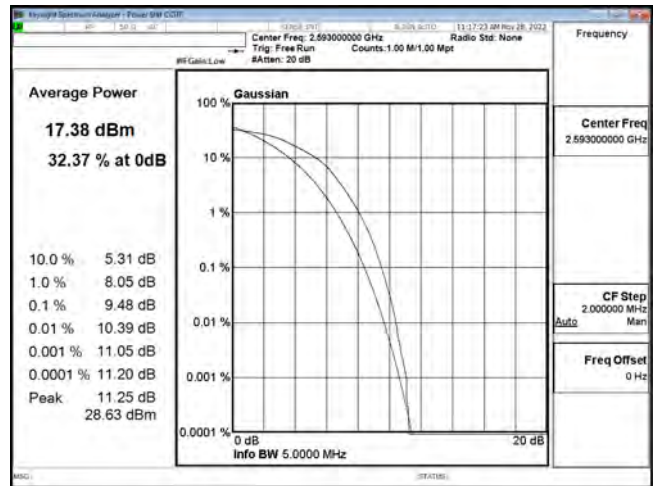
LTE Band 41



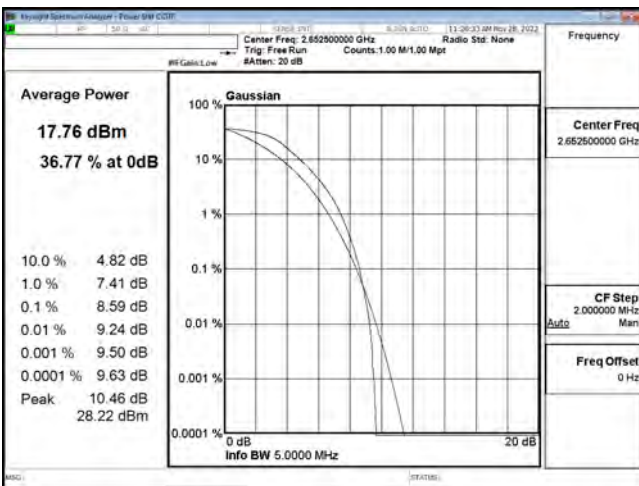
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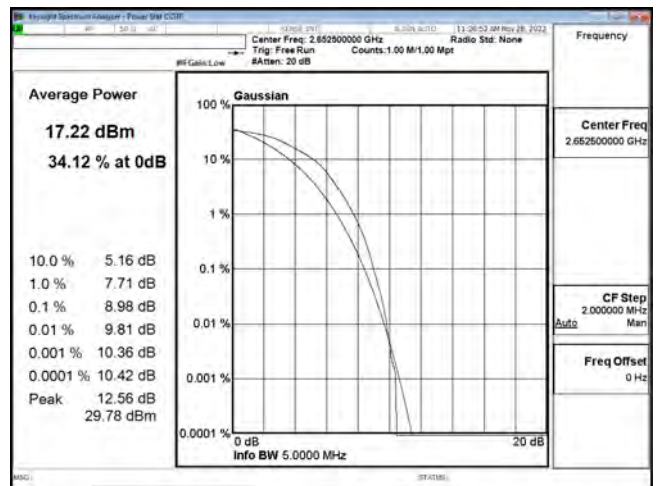
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PTAR B41 5 M CH40620 QPSK

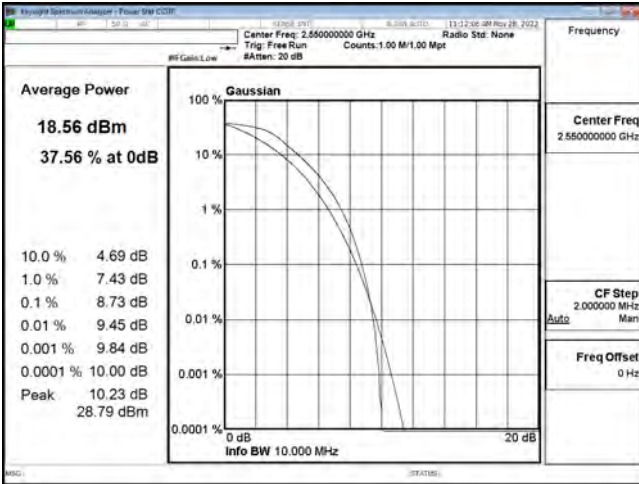


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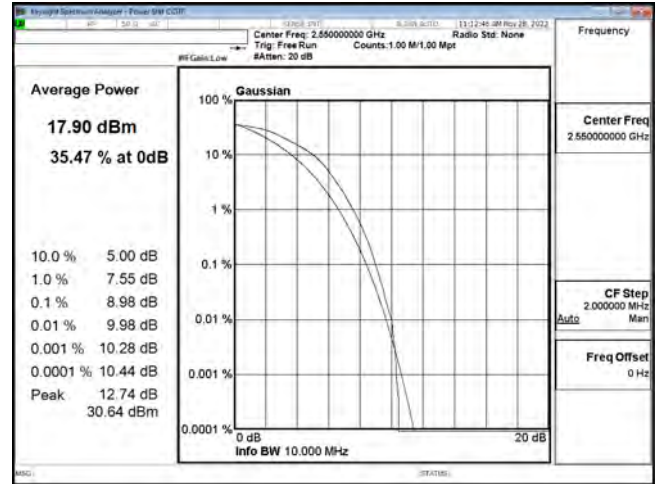


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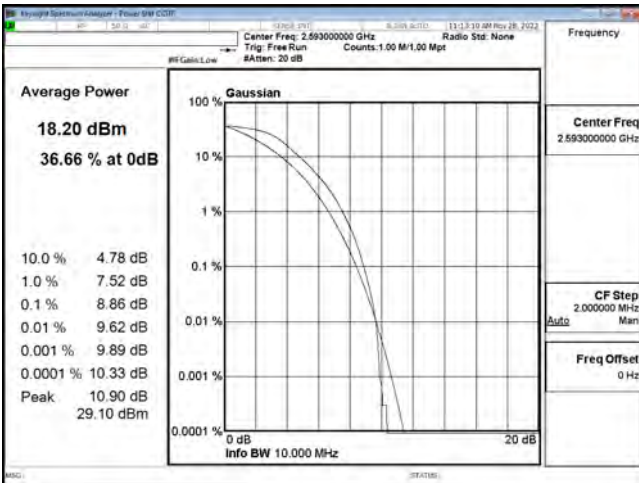
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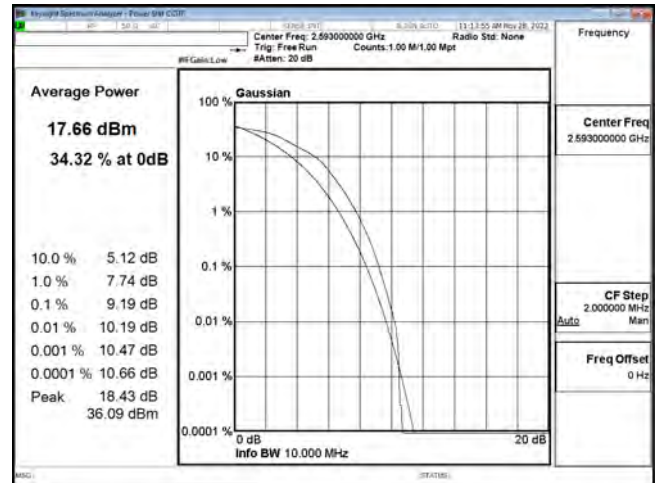
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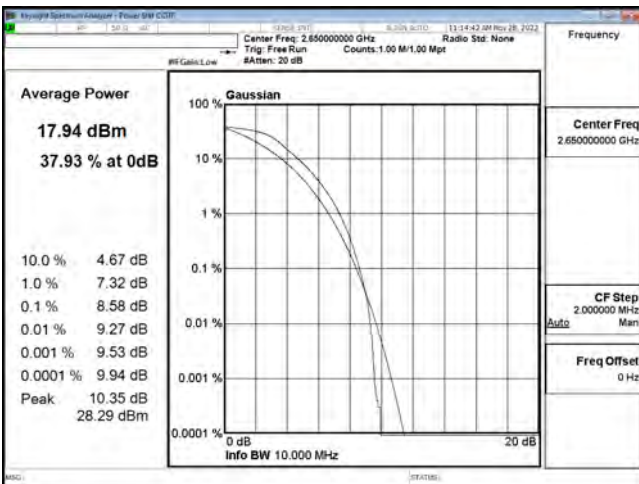
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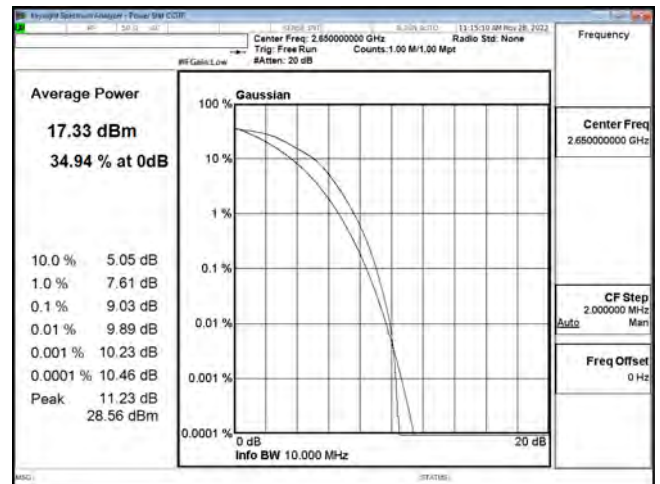
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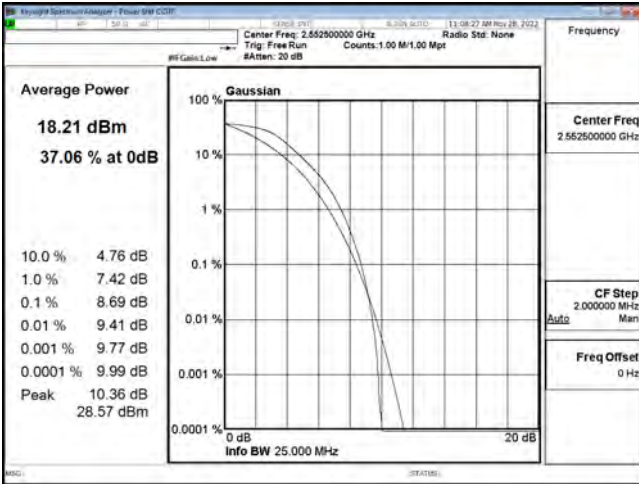
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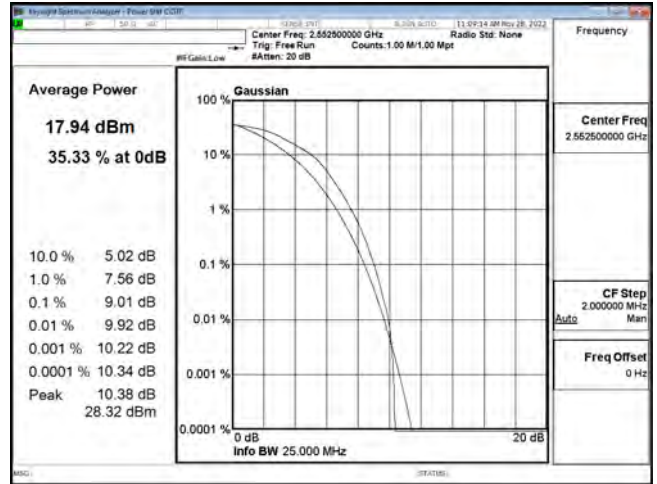
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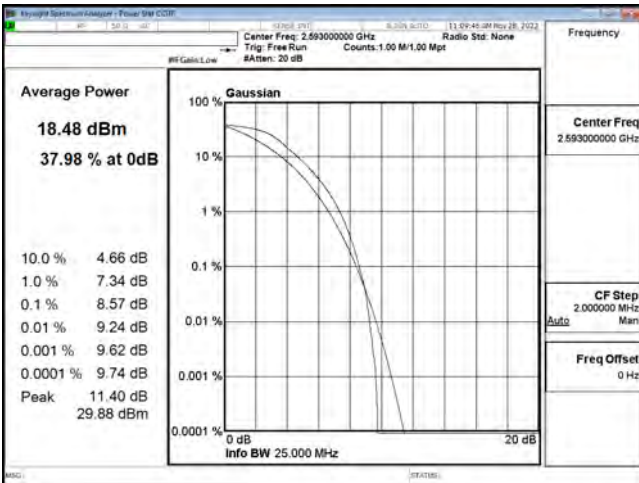
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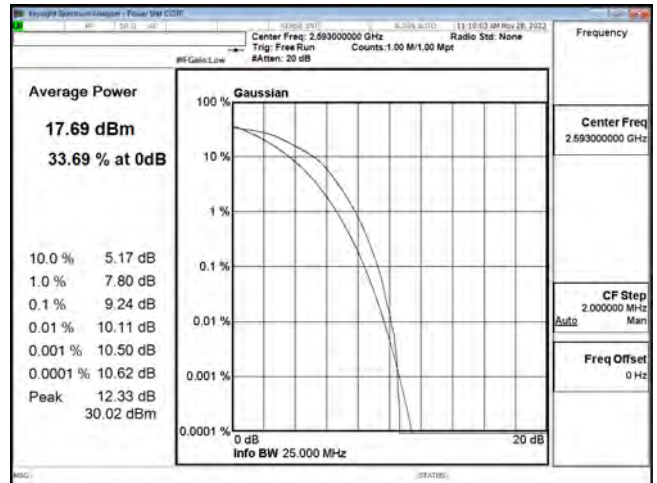
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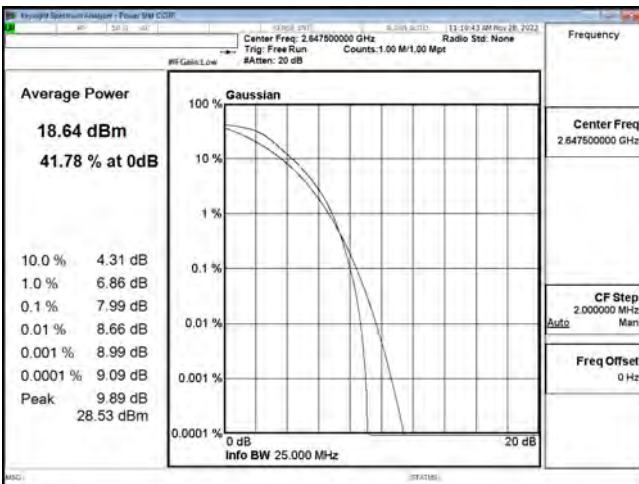
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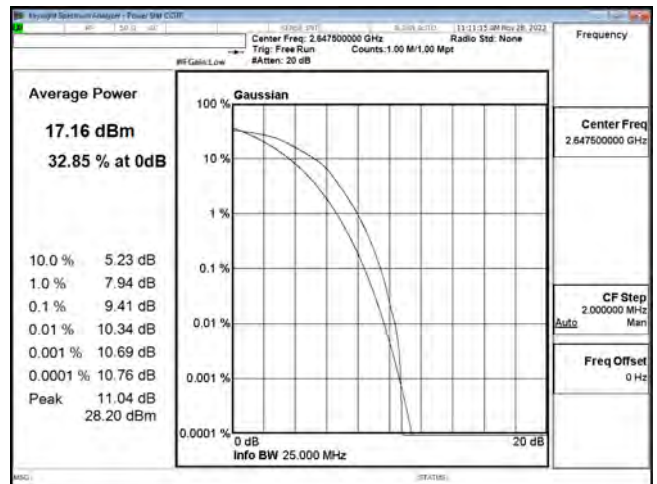
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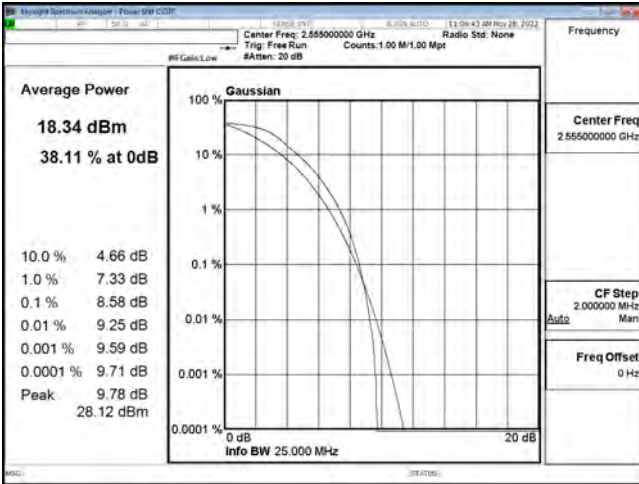
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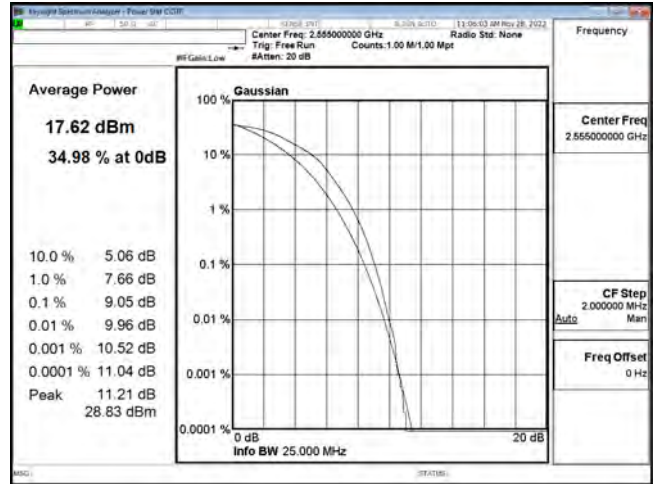
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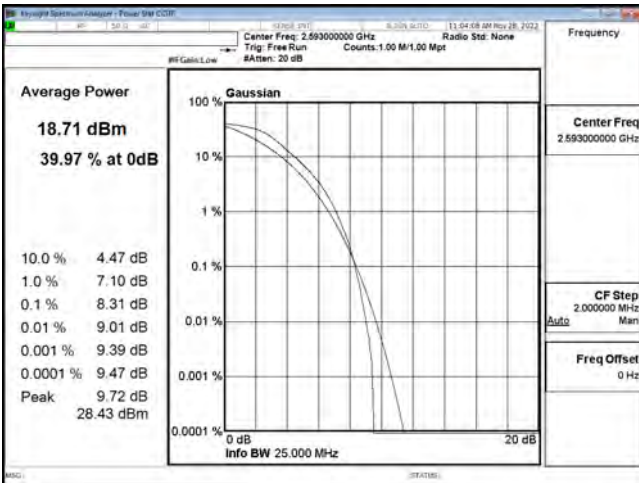
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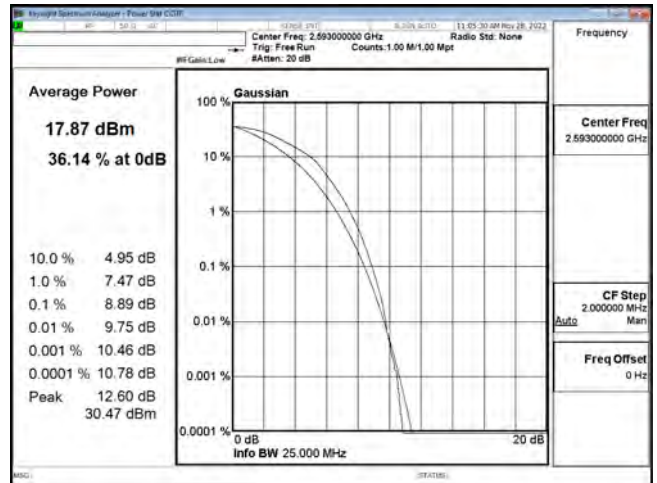
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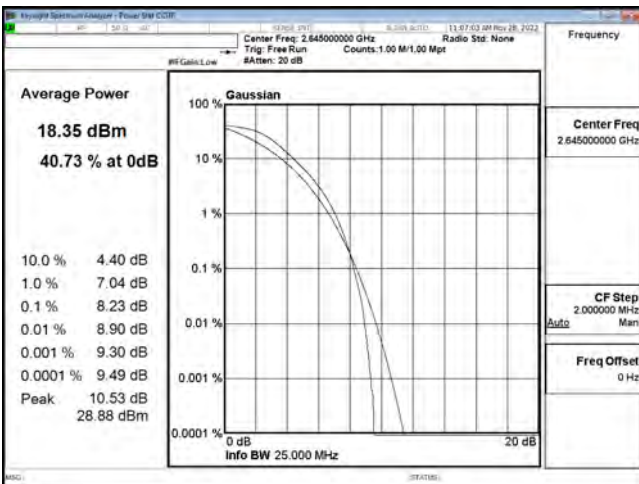
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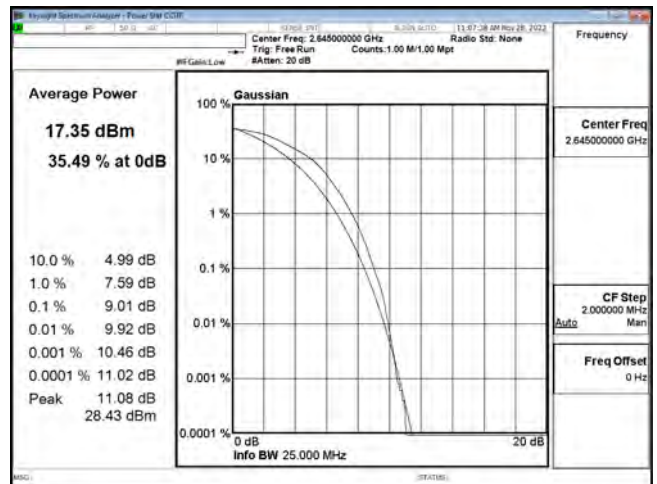
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PTAR B41 20 M CH40620 16QAM

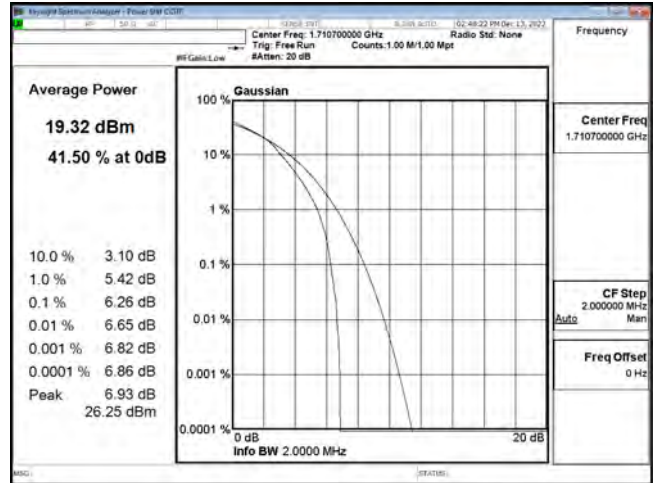
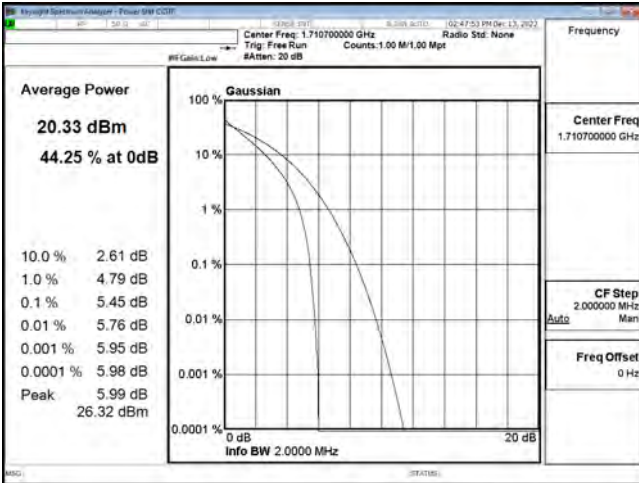


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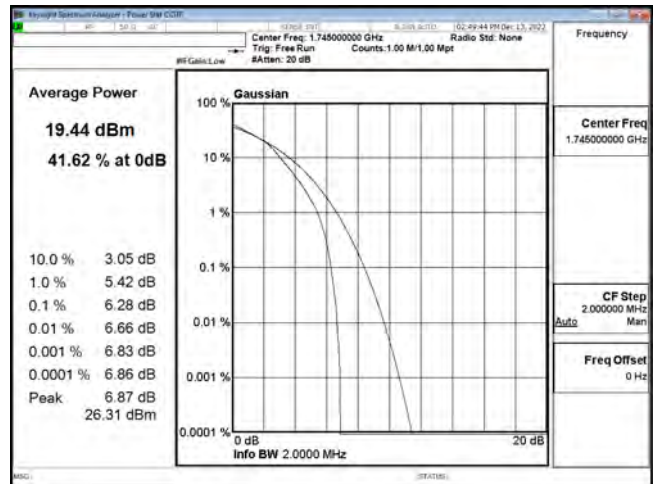
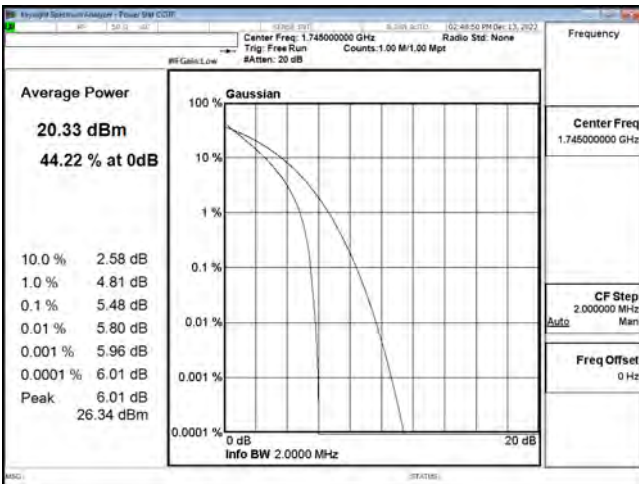
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LTE Band 66



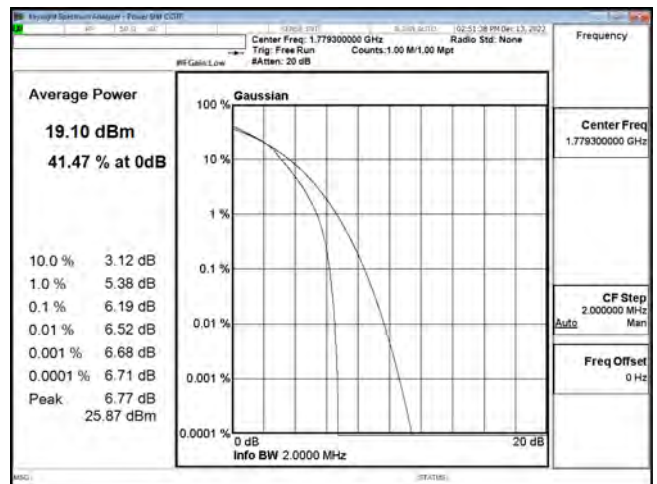
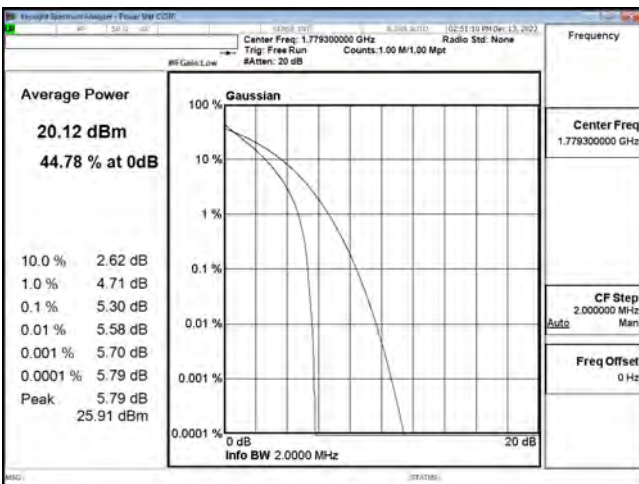
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PTAR B66 1.4 M CH131979 16QAM



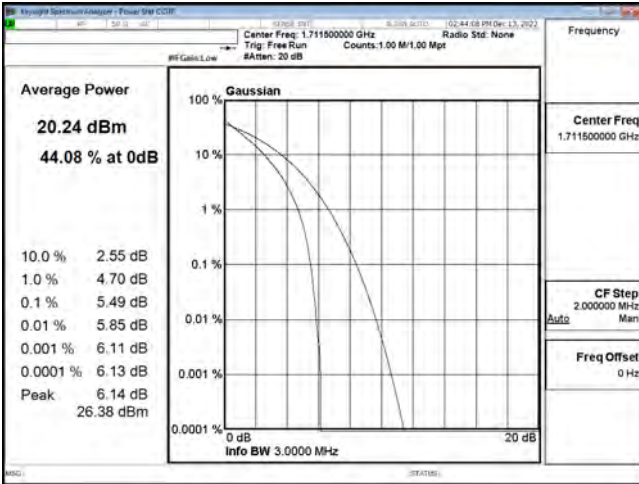
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PTAR B66 1.4 M CH132322 16QAM

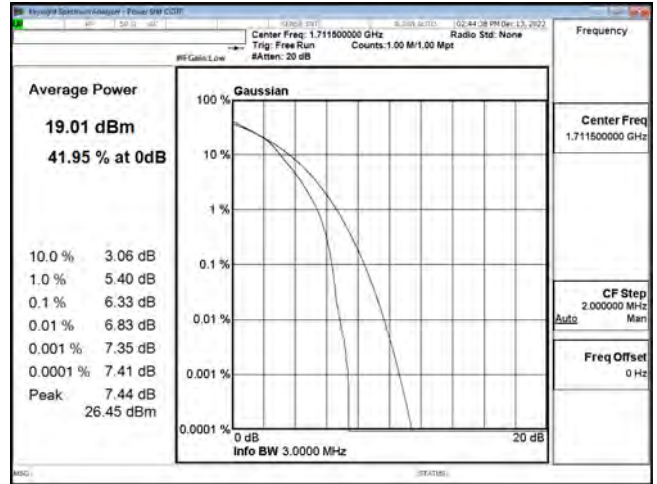


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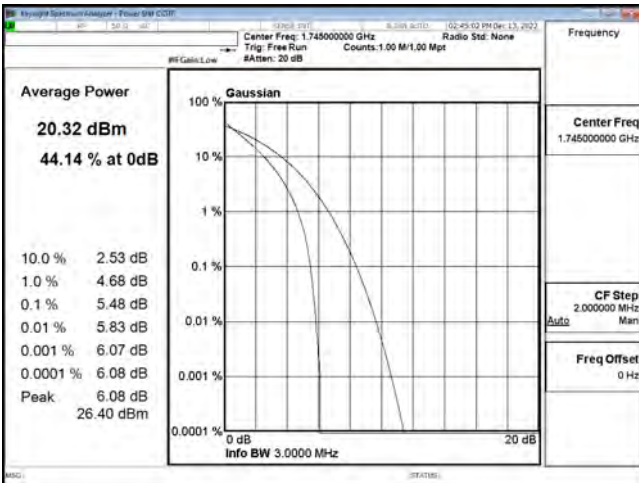
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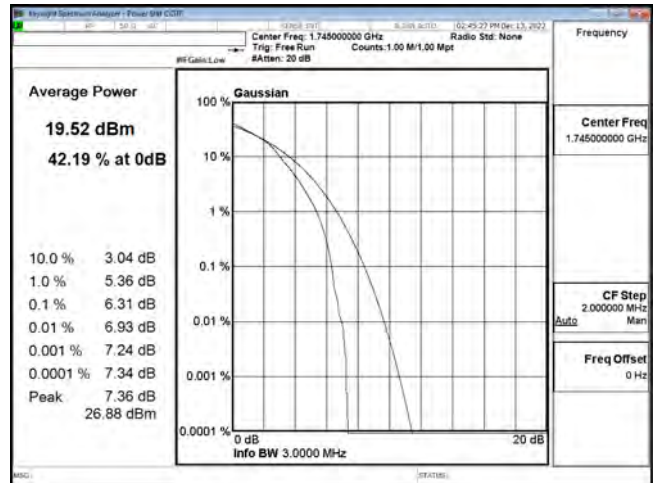
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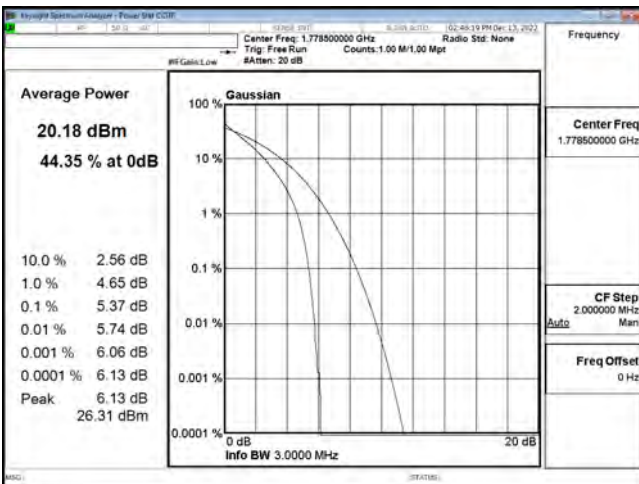
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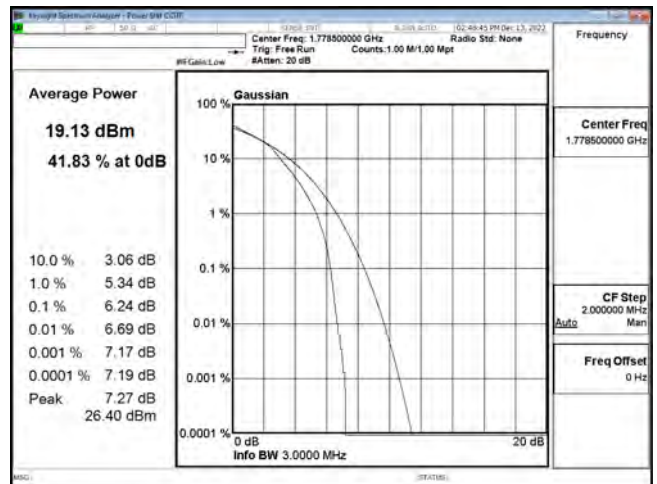
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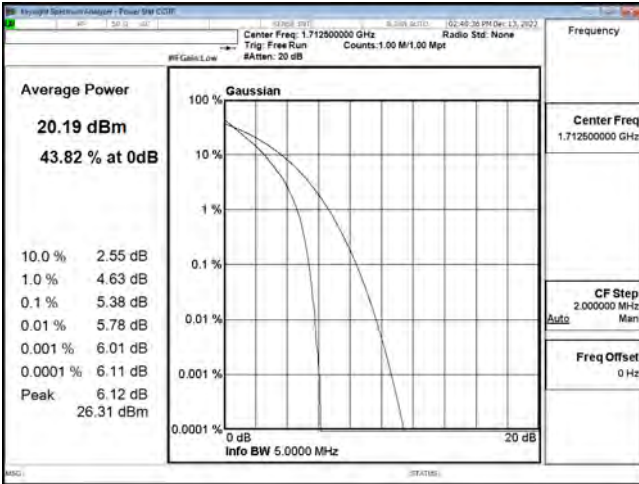
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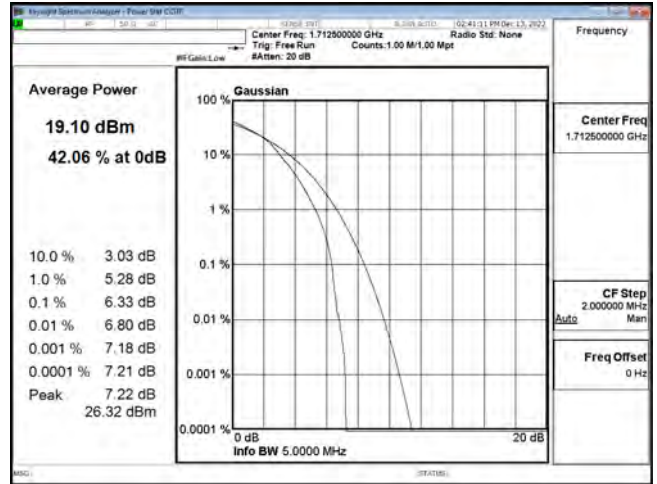
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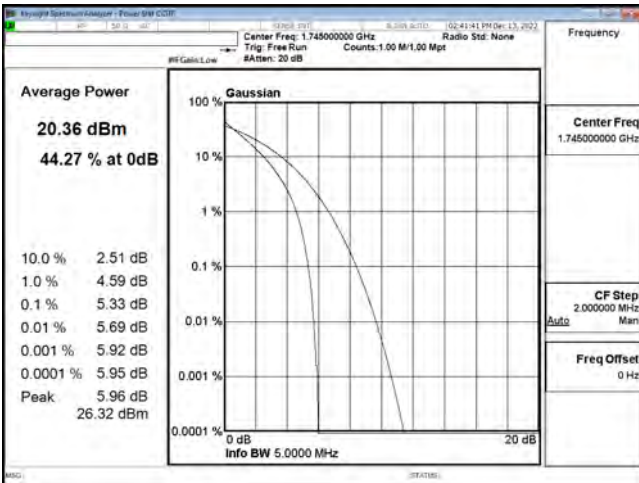
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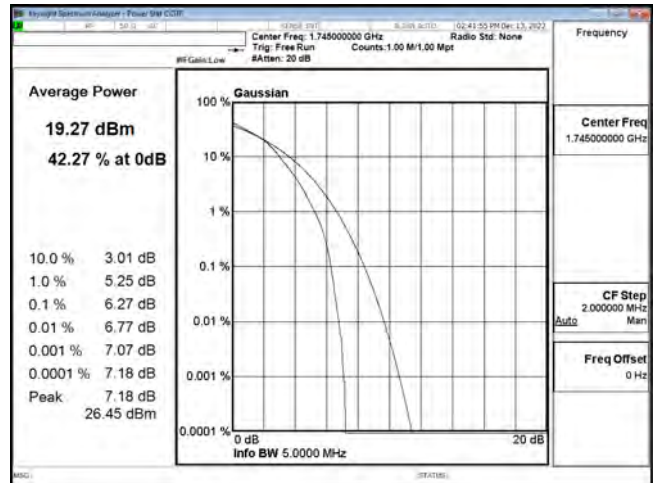
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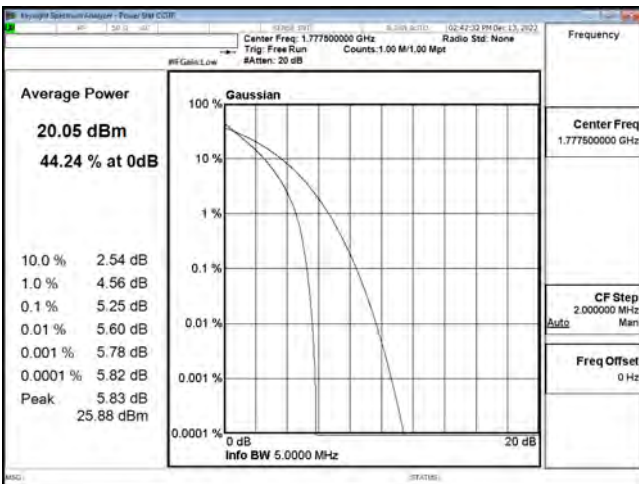
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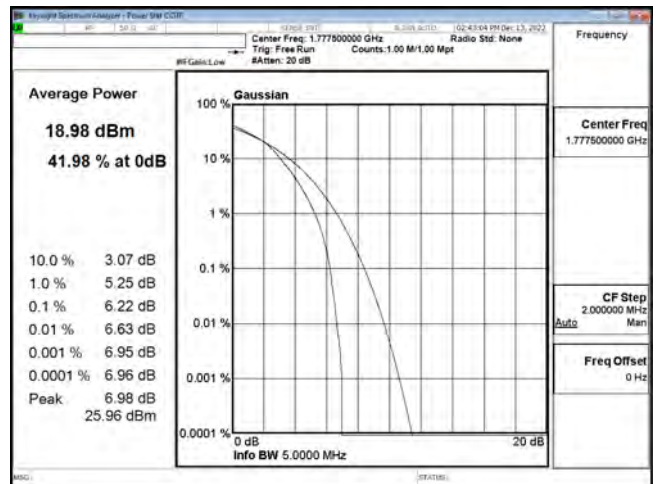
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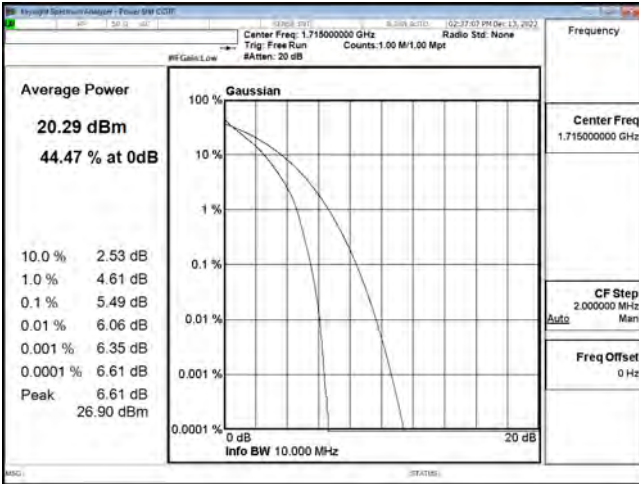
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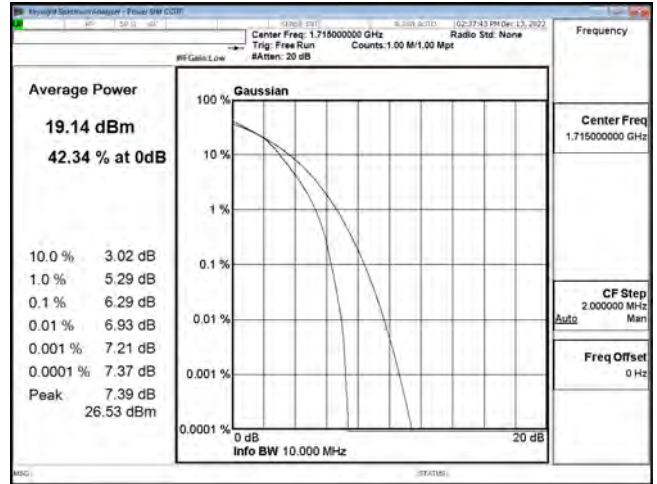
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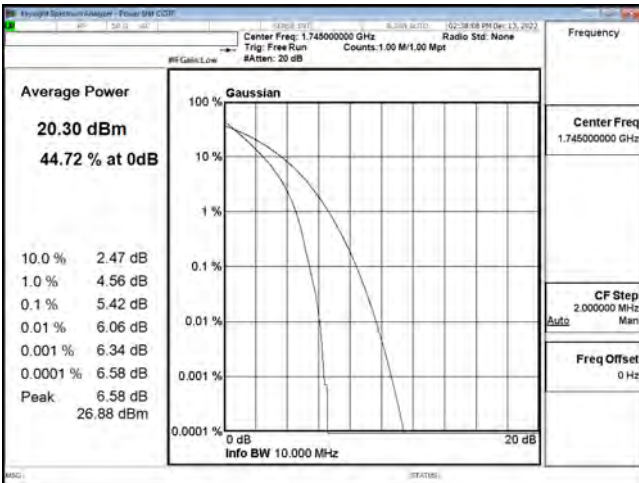
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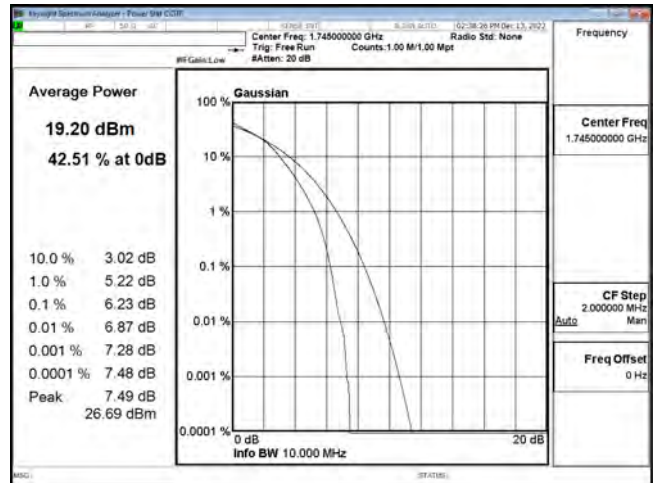
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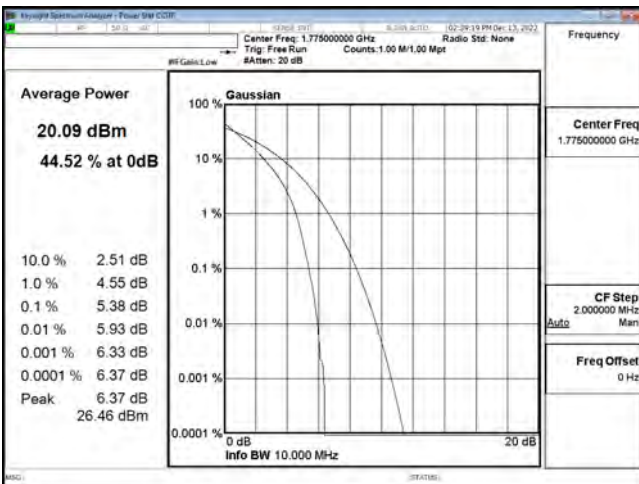
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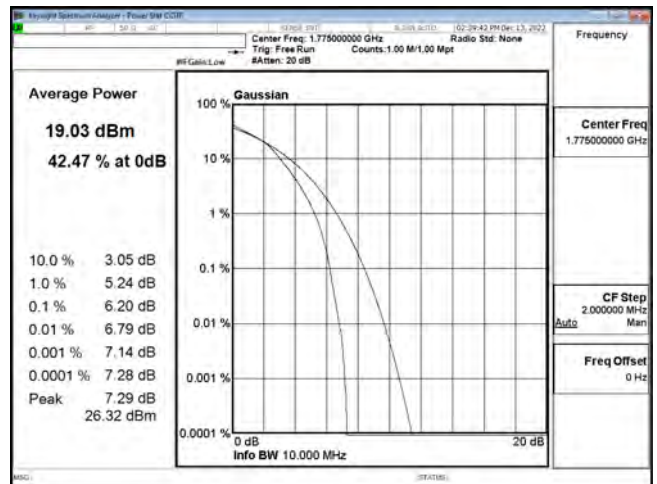
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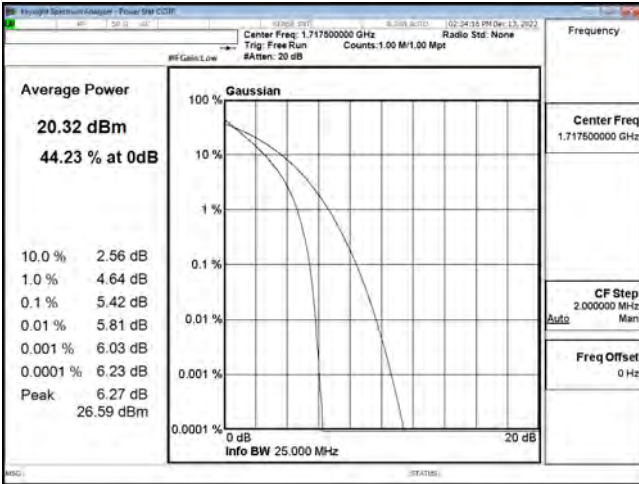
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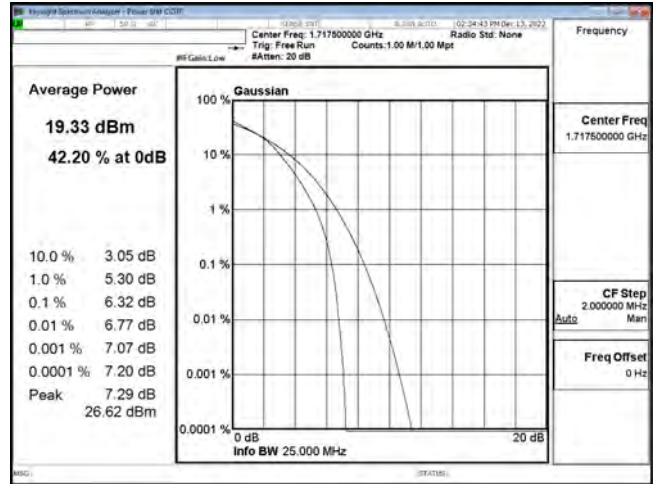
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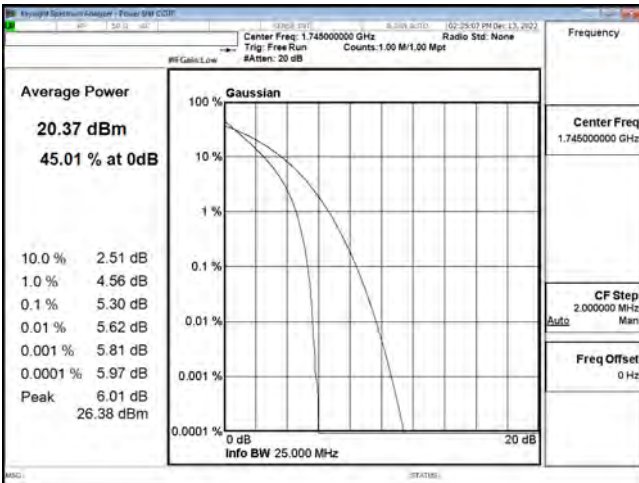
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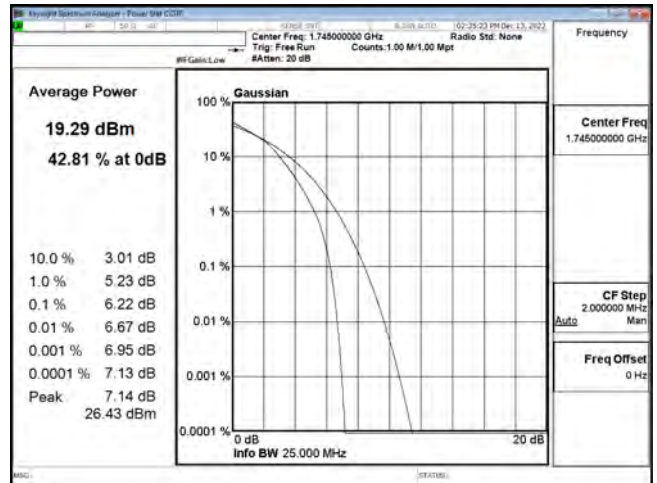
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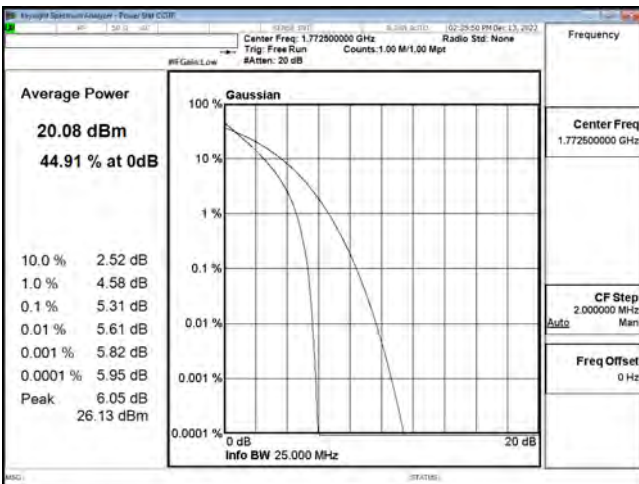
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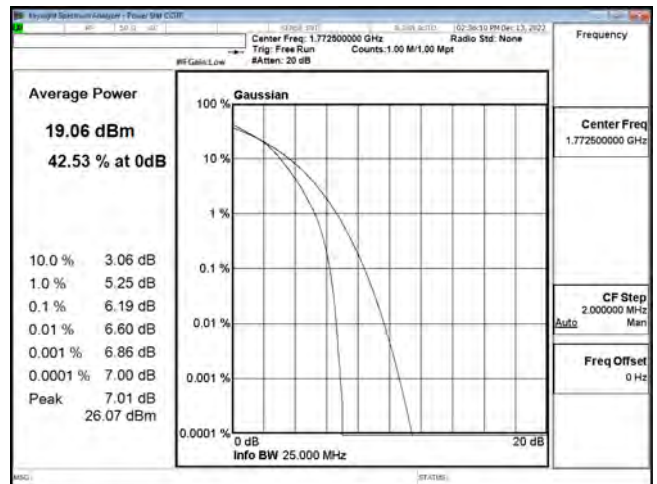
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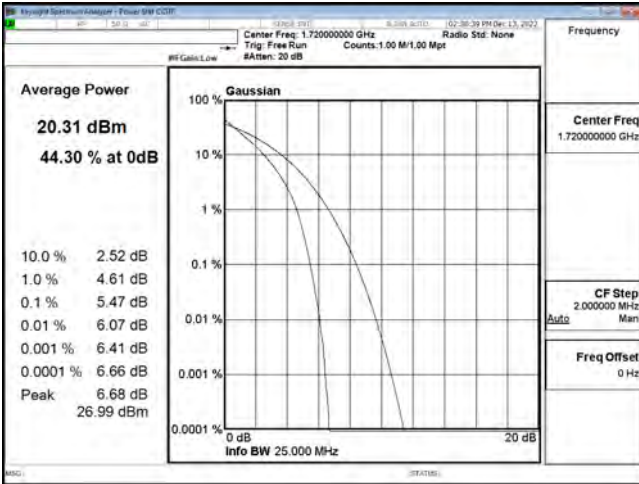
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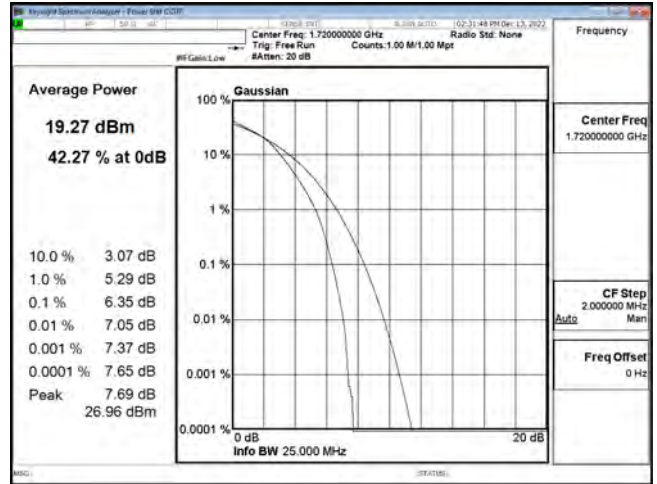
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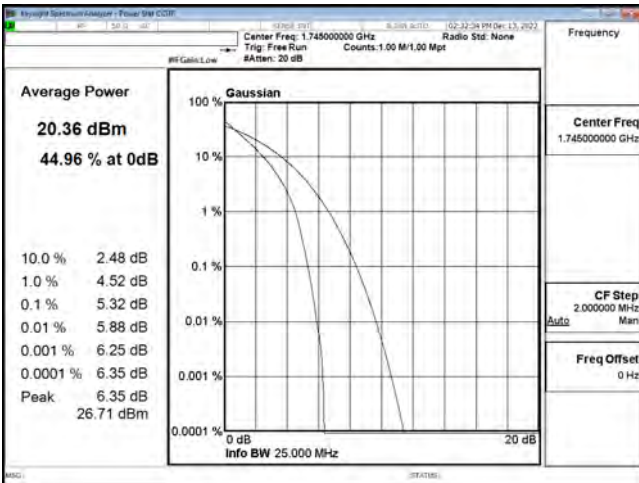
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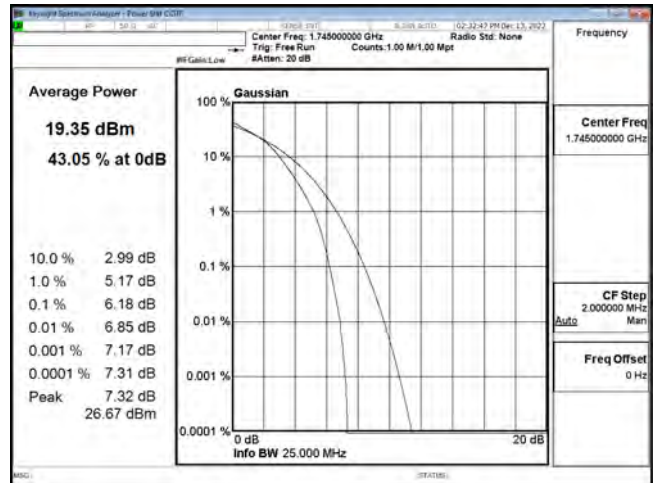
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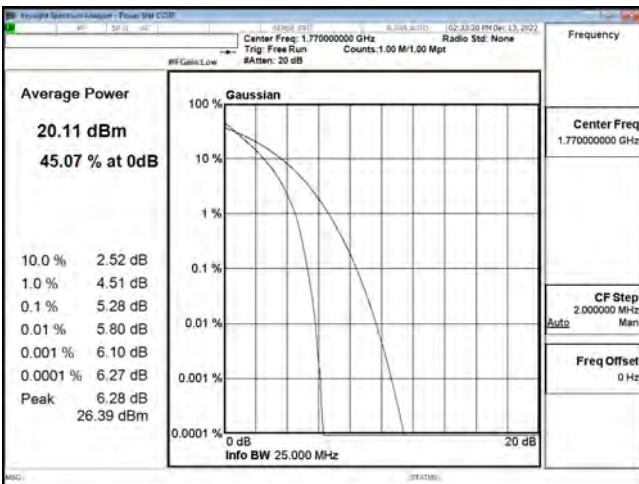
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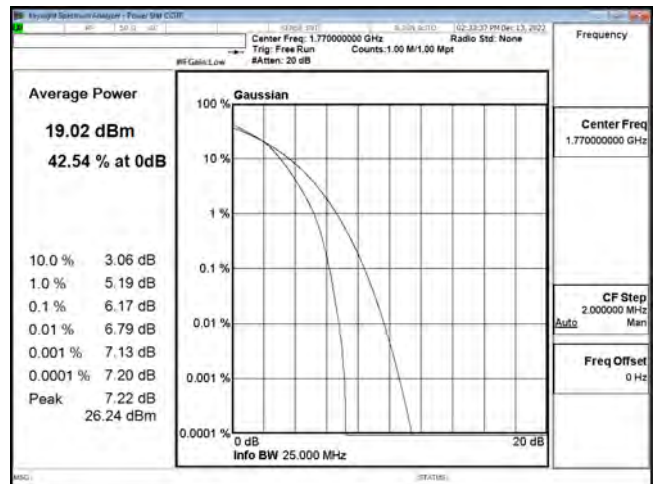
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PTAR B66 20 M CH132322 16QAM



PTAR B66 20 M CH132572 QPSK



PTAR B66 20 M CH132572 16QAM