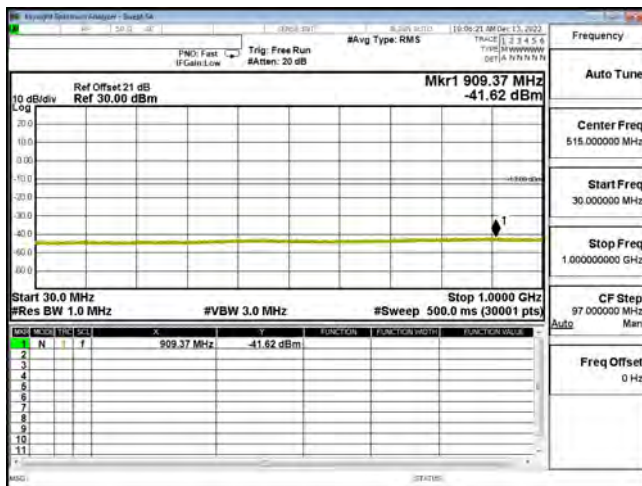


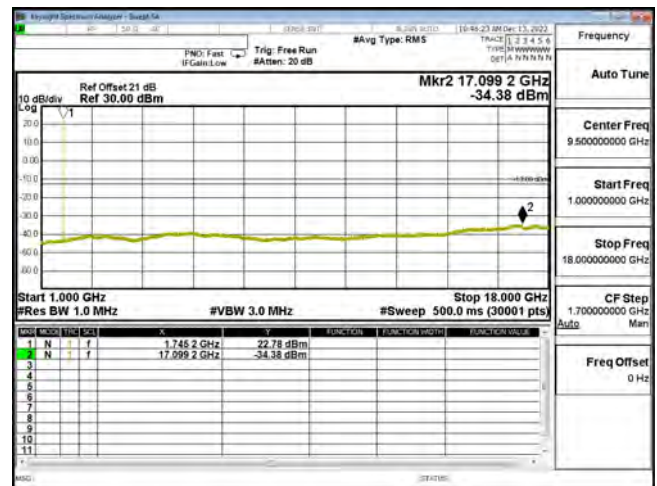
CSE B66 20 M CH132072 QPSK(1,50) 30M-1G



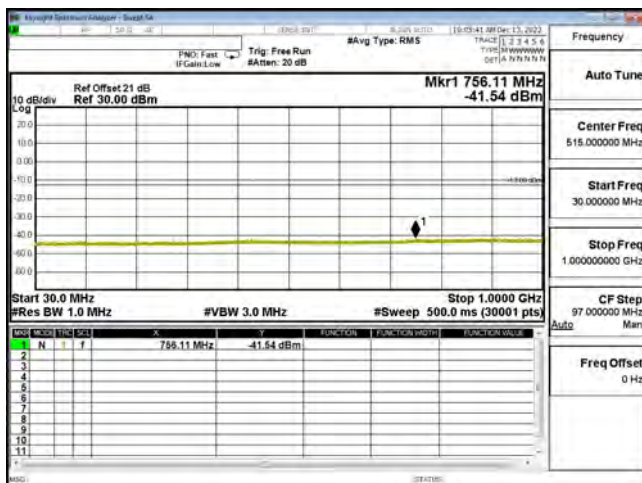
CSE B66 20 M CH132072 QPSK(1,50) 1G-18G



CSE B66 20 M CH132322 QPSK(1,50) 30M-1G



CSE B66 20 M CH132322 QPSK(1,50) 1G-18G

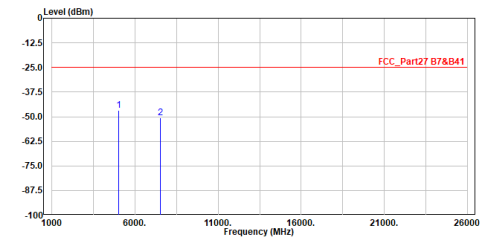


CSE B66 20 M CH132572 QPSK(1,50) 30M-1G



CSE B66 20 M CH132572 QPSK(1,50) 1G-18G

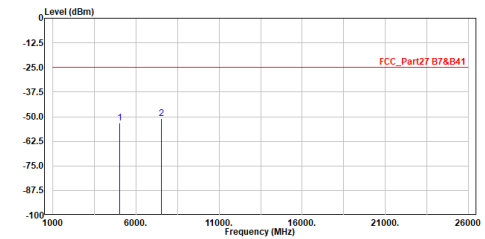
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B7\_20M\_1RB50\_CH20850  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	5020.000	-46.92	-25.00	-21.92	-45.49	-1.43	Peak
2	7530.000	-50.73	-25.00	-25.73	-56.14	5.41	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

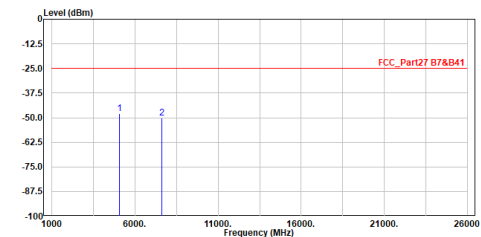
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B7\_20M\_1RB50\_CH20850  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	5020.000	-53.23	-25.00	-28.23	-51.80	-1.43	Peak
2	7530.000	-50.88	-25.00	-25.88	-56.29	5.41	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

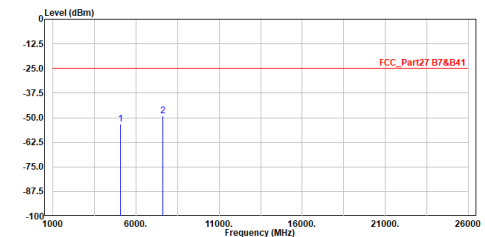
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B7\_20M\_1RB50\_CH21100  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	5070.000	-47.74	-25.00	-22.74	-46.42	-1.32	Peak
2	7605.000	-50.03	-25.00	-25.03	-55.34	5.31	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

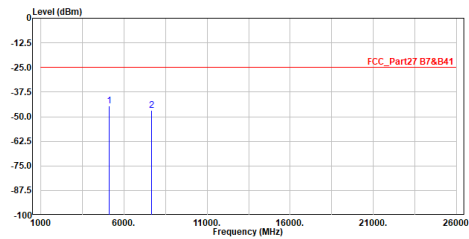
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B7\_20M\_1RB50\_CH21100  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	5070.000	-53.29	-25.00	-28.29	-51.97	-1.32	Peak
2	7605.000	-49.10	-25.00	-24.10	-54.41	5.31	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

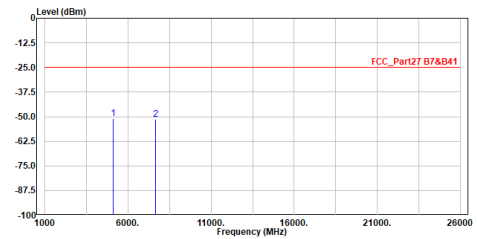
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B7\_20M\_1RB50\_CH21350  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	5120.000	-44.71	-25.00	-19.71	-43.50	-1.21	Peak
2	7680.000	-46.90	-25.00	-21.90	-52.03	5.13	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

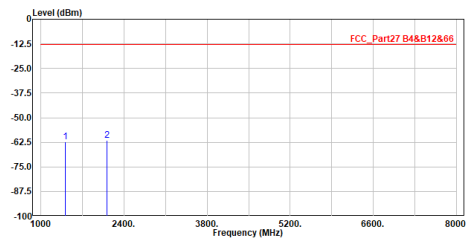
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B7\_20M\_1RB50\_CH21350  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	5120.000	-50.93	-25.00	-25.93	-49.72	-1.21	Peak
2	7680.000	-51.23	-25.00	-26.23	-56.36	5.13	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

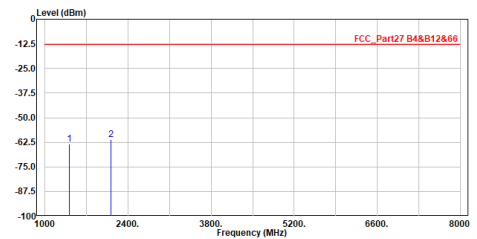
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B12\_10M\_1RB25\_CH23060  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	1408.000	-62.12	-13.00	-49.12	-46.50	-15.62	Peak
2	2112.000	-61.53	-13.00	-48.53	-47.46	-14.07	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

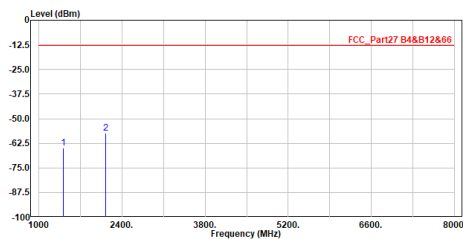
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B12\_10M\_1RB25\_CH23060  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	1408.000	-63.55	-13.00	-50.55	-47.93	-15.62	Peak
2	2112.000	-61.21	-13.00	-48.21	-47.14	-14.07	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B12\_10M\_1RB25\_CH23095  
Test BY :Ashton Chiu

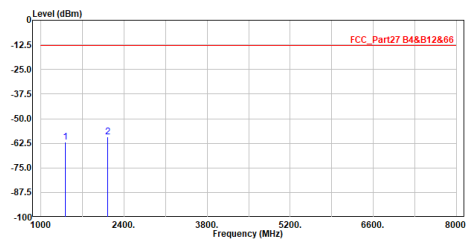


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	1415.000	-65.03	-13.00	-52.03	-49.42	-15.61	Peak
2	2122.500	-57.39	-13.00	-44.39	-43.38	-14.01	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B12\_10M\_1RB25\_CH23095  
Test BY :Ashton Chiu

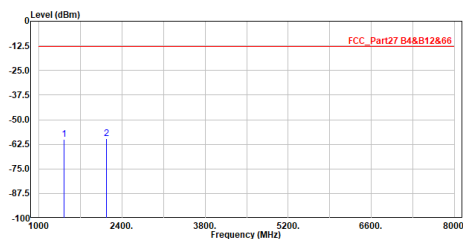


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	1415.000	-62.01	-13.00	-49.01	-46.40	-15.61	Peak
2	2122.500	-59.28	-13.00	-46.28	-45.27	-14.01	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B12\_10M\_1RB25\_CH23130  
Test BY :Ashton Chiu

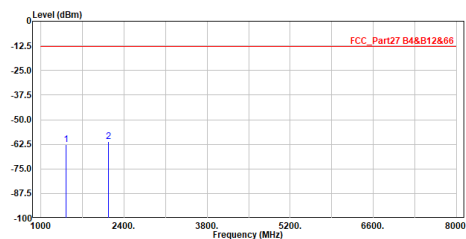


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	1422.000	-60.05	-13.00	-47.05	-44.45	-15.60	Peak
2	2133.000	-59.65	-13.00	-46.65	-45.69	-13.96	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B12\_10M\_1RB25\_CH23130  
Test BY :Ashton Chiu

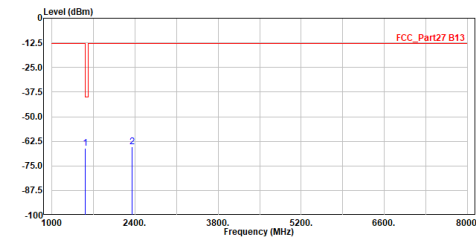


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	1422.000	-62.65	-13.00	-49.65	-47.05	-15.60	Peak
2	2133.000	-61.28	-13.00	-48.28	-47.32	-13.96	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

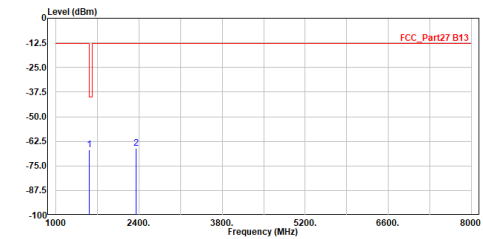
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B13\_10W\_1RB25\_CH23230  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	1564.000	-66.15	-40.00	-26.15	-50.50	-15.65	Peak
2	2346.000	-65.12	-13.00	-52.12	-51.76	-13.36	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
=  $107 + 20\log(3) - 104.8 = 11.8$  dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

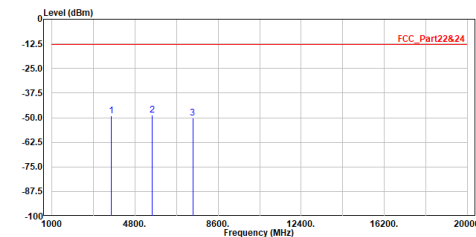
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B13\_10W\_1RB25\_CH23230  
Test BY :Ashton Chiu



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	1564.000	-66.91	-40.00	-26.91	-51.26	-15.65	Peak
2	2346.000	-66.05	-13.00	-53.05	-52.69	-13.36	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
=  $107 + 20\log(3) - 104.8 = 11.8$  dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

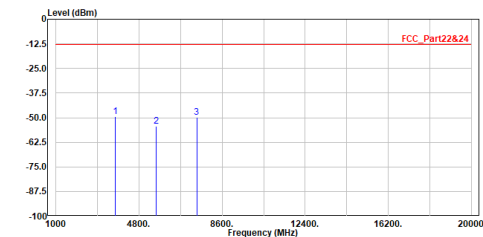
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B25\_20W\_1RB50\_CH26140  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3720.000	-49.06	-13.00	-36.06	-42.17	-6.89	Peak
2	5580.000	-48.84	-13.00	-35.84	-48.79	-0.05	Peak
3	7440.000	-50.04	-13.00	-37.04	-55.45	5.41	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
=  $107 + 20\log(3) - 104.8 = 11.8$  dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

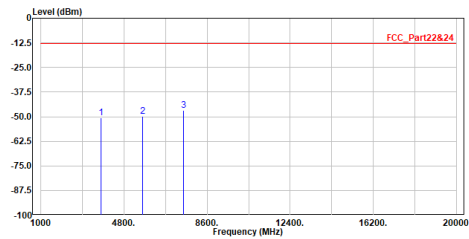
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B25\_20W\_1RB50\_CH26140  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3720.000	-49.61	-13.00	-36.61	-42.72	-6.89	Peak
2	5580.000	-54.19	-13.00	-41.19	-54.14	-0.05	Peak
3	7440.000	-49.94	-13.00	-36.94	-55.35	5.41	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
=  $107 + 20\log(3) - 104.8 = 11.8$  dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B25\_20M\_1RB50\_CH26365  
Test BY :Jing Chang

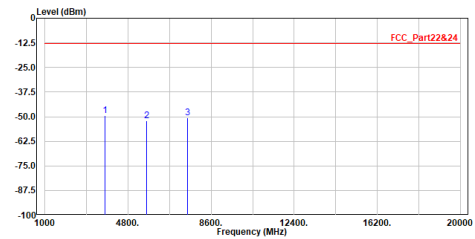


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3765.000	-50.44	-13.00	-37.44	-43.83	-6.61	Peak
2	5647.500	-49.95	-13.00	-36.95	-50.36	0.41	Peak
3	7538.000	-46.86	-13.00	-33.86	-52.27	5.41	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
 $= 107 + 20\log(3) = 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B25\_20M\_1RB50\_CH26365  
Test BY :Jing Chang

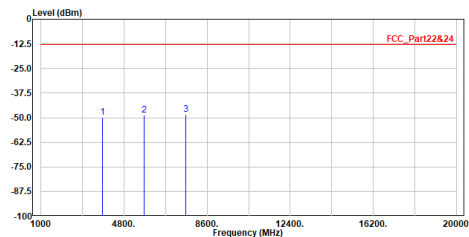


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3765.000	-49.36	-13.00	-36.36	-42.75	-6.61	Peak
2	5647.500	-52.06	-13.00	-39.06	-52.47	0.41	Peak
3	7538.000	-50.69	-13.00	-37.69	-56.10	5.41	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
 $= 107 + 20\log(3) = 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B25\_20M\_1RB50\_CH26590  
Test BY :Jing Chang

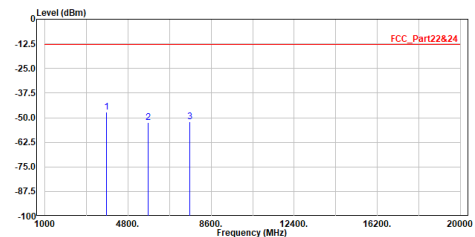


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3810.000	-49.83	-13.00	-36.83	-43.48	-6.35	Peak
2	5715.000	-48.60	-13.00	-35.60	-49.44	0.84	Peak
3	7628.000	-48.12	-13.00	-35.12	-53.41	5.29	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
 $= 107 + 20\log(3) = 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B25\_20M\_1RB50\_CH26590  
Test BY :Jing Chang

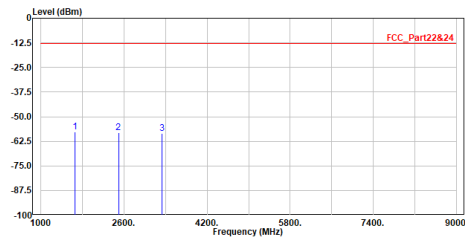


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3810.000	-47.14	-13.00	-34.14	-40.79	-6.35	Peak
2	5715.000	-52.35	-13.00	-39.35	-53.19	0.84	Peak
3	7628.000	-52.05	-13.00	-39.05	-57.34	5.29	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
 $= 107 + 20\log(3) = 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B26\_15M\_1RB37\_CH26865  
Test BY :Jing Chang

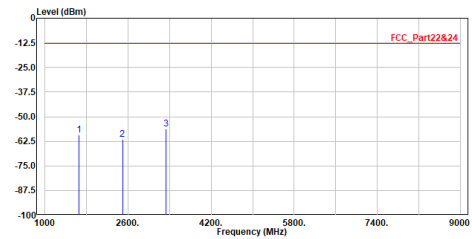


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1663.000	-57.82	-13.00	-44.82	-42.47	-15.35	Peak
2	2494.500	-57.93	-13.00	-44.93	-44.20	-13.73	Peak
3	3326.000	-58.45	-13.00	-45.45	-47.20	-11.25	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B26\_15M\_1RB37\_CH26865  
Test BY :Jing Chang

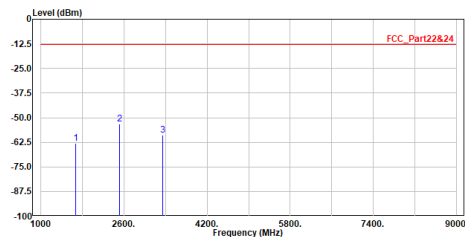


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1663.000	-59.20	-13.00	-46.20	-43.85	-15.35	Peak
2	2494.500	-61.44	-13.00	-48.44	-47.71	-13.73	Peak
3	3326.000	-56.25	-13.00	-43.25	-45.00	-11.25	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B26\_15M\_1RB37\_CH26915  
Test BY :Jing Chang

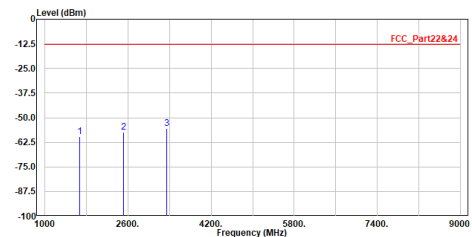


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1673.000	-62.83	-13.00	-49.83	-47.46	-15.37	Peak
2	2509.500	-53.31	-13.00	-40.31	-39.59	-13.72	Peak
3	3346.000	-58.95	-13.00	-45.95	-47.80	-11.15	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B26\_15M\_1RB37\_CH26915  
Test BY :Jing Chang

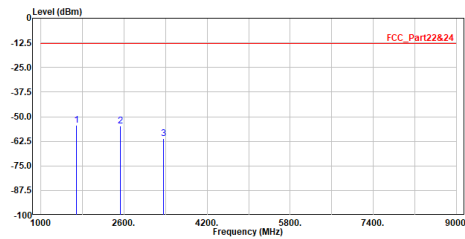


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1673.000	-59.48	-13.00	-46.48	-44.11	-15.37	Peak
2	2509.500	-57.33	-13.00	-44.33	-43.61	-13.72	Peak
3	3346.000	-55.64	-13.00	-42.64	-44.49	-11.15	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B26\_15M\_1RB37\_CH26965  
Test BY :Jing Chang

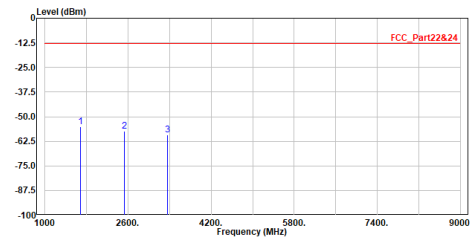


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1683.000	-54.48	-13.00	-41.48	-39.09	-15.39	Peak
2	2524.500	-54.72	-13.00	-41.72	-41.02	-13.70	Peak
3	3366.000	-60.95	-13.00	-47.95	-49.95	-11.00	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B26\_15M\_1RB37\_CH26965  
Test BY :Jing Chang

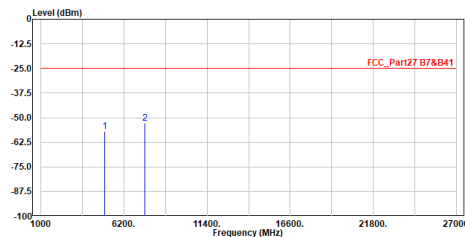


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1683.000	-55.22	-13.00	-42.22	-39.83	-15.39	Peak
2	2524.500	-57.31	-13.00	-44.31	-43.61	-13.70	Peak
3	3366.000	-59.16	-13.00	-46.16	-48.16	-11.00	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B41\_20M\_1RB50\_CH39750  
Test BY :Jing Chang

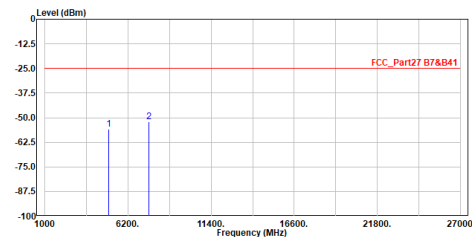


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5012.000	-56.90	-25.00	-31.90	-55.47	-1.43	Peak
2	7518.000	-52.86	-25.00	-27.86	-50.28	5.42	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B41\_20M\_1RB50\_CH39750  
Test BY :Jing Chang



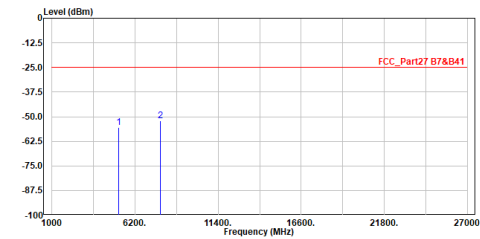
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	5012.000	-55.76	-25.00	-30.76	-54.33	-1.43	Peak
2	7518.000	-51.99	-25.00	-26.99	-57.41	5.42	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.



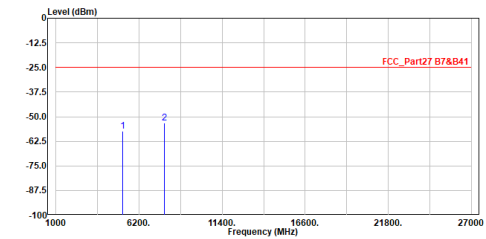
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B41\_20M\_1RB50\_CH40620  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	5186.000	-55.33	-25.00	-30.33	-54.12	-1.21	Peak
2	7779.000	-52.22	-25.00	-27.22	-57.39	5.17	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

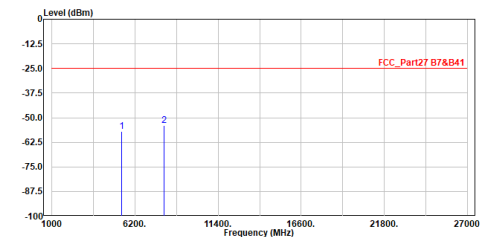
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B41\_20M\_1RB50\_CH40620  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	5186.000	-57.34	-25.00	-32.34	-56.13	-1.21	Peak
2	7779.000	-53.16	-25.00	-28.16	-58.33	5.17	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

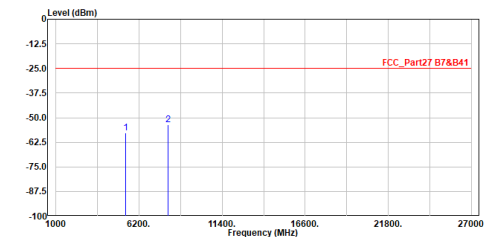
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B41\_20M\_1RB50\_CH41490  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	5360.000	-56.91	-25.00	-31.91	-55.87	-1.04	Peak
2	8040.000	-53.92	-25.00	-28.92	-58.98	5.06	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

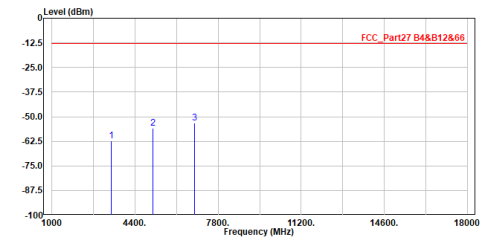
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B41\_20M\_1RB50\_CH41490  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	5360.000	-57.61	-25.00	-32.61	-56.57	-1.04	Peak
2	8040.000	-53.49	-25.00	-28.49	-58.55	5.06	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B66\_3M\_1RB7\_CH131987  
Test BY :Ashton Chiu

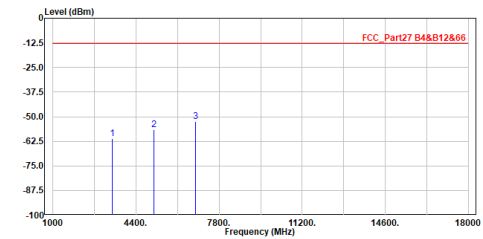


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3423.000	-62.22	-13.00	-49.22	-53.67	-8.55	Peak
2	5134.500	-55.86	-13.00	-42.86	-54.64	-1.22	Peak
3	6846.000	-53.25	-13.00	-40.25	-57.70	4.45	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B66\_3M\_1RB7\_CH131987  
Test BY :Ashton Chiu

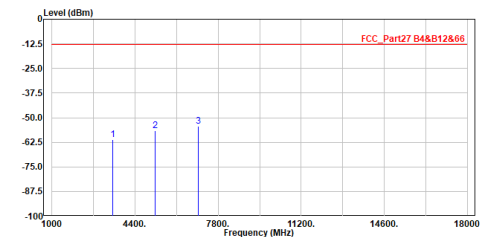


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3423.000	-60.95	-13.00	-47.95	-52.40	-8.55	Peak
2	5134.500	-56.64	-13.00	-43.64	-55.42	-1.22	Peak
3	6846.000	-52.34	-13.00	-39.34	-56.79	4.45	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B66\_3M\_1RB7\_CH132322  
Test BY :Ashton Chiu

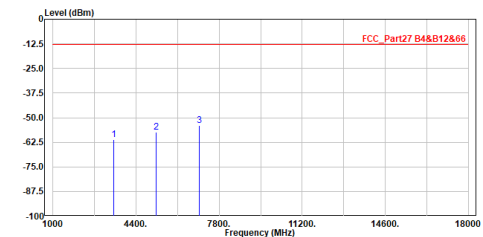


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3490.000	-61.04	-13.00	-48.04	-52.60	-8.44	Peak
2	5235.000	-56.55	-13.00	-43.55	-55.25	-1.30	Peak
3	6988.000	-54.45	-13.00	-41.45	-59.12	4.67	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B66\_3M\_1RB7\_CH132322  
Test BY :Ashton Chiu

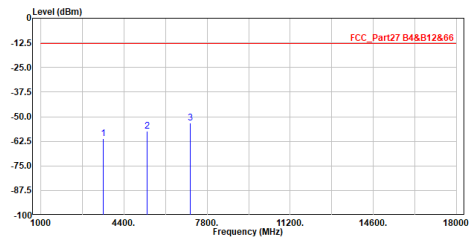


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3490.000	-61.27	-13.00	-48.27	-52.83	-8.44	Peak
2	5235.000	-57.40	-13.00	-44.40	-56.10	-1.30	Peak
3	6988.000	-53.99	-13.00	-40.99	-58.66	4.67	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B66\_3M\_1RB7\_CH132657  
Test BY :Ashton Chiu

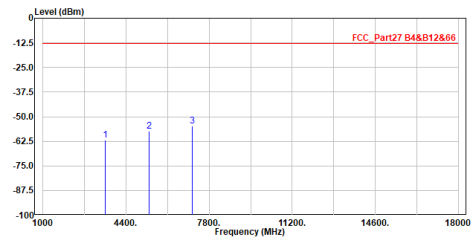


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	3557.000	-61.14	-13.00	-48.14	-53.13	-8.01	Peak
2	5335.500	-57.43	-13.00	-44.43	-56.32	-1.11	Peak
3	7114.000	-53.24	-13.00	-40.24	-57.93	4.69	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B66\_3M\_1RB7\_CH132657  
Test BY :Ashton Chiu

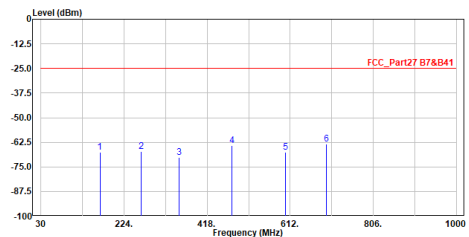


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	3557.000	-61.73	-13.00	-48.73	-53.72	-8.01	Peak
2	5335.500	-57.18	-13.00	-44.18	-56.07	-1.11	Peak
3	7114.000	-54.62	-13.00	-41.62	-59.31	4.69	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B7\_20M\_1RB50\_CH20850  
Test BY :Jing Chang

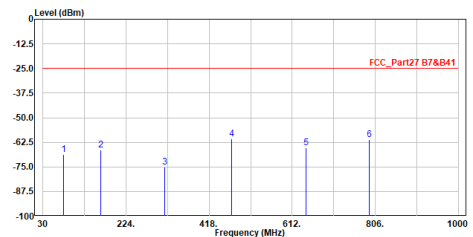


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	167.740	-67.73	-25.00	-42.73	-55.07	-12.66	Peak
2	263.770	-67.24	-25.00	-42.24	-53.77	-13.47	Peak
3	353.010	-70.19	-25.00	-45.19	-59.48	-10.71	Peak
4	475.230	-64.33	-25.00	-39.33	-56.84	-7.49	Peak
5	600.360	-67.72	-25.00	-42.72	-63.25	-4.47	Peak
6	696.390	-63.36	-25.00	-38.36	-60.08	-3.28	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B7\_20M\_1RB50\_CH20850  
Test BY :Jing Chang

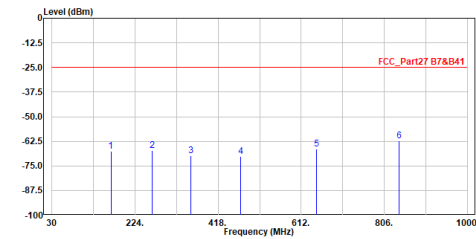


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	78.500	-68.81	-25.00	-43.81	-51.81	-17.00	Peak
2	164.830	-66.52	-25.00	-41.52	-54.05	-12.47	Peak
3	315.180	-74.95	-25.00	-49.95	-63.46	-11.49	Peak
4	471.350	-60.79	-25.00	-35.79	-53.29	-7.50	Peak
5	644.980	-65.44	-25.00	-40.44	-61.57	-3.87	Peak
6	792.420	-61.23	-25.00	-36.23	-59.49	-1.74	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B7\_20M\_IRB50\_CH21100  
Test BY :Jing Chang

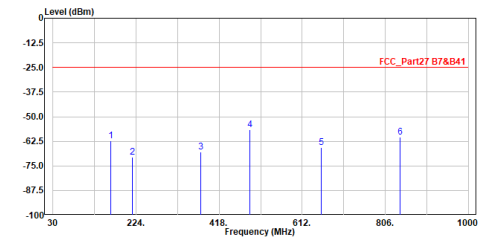


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	167.740	-67.36	-25.00	-42.36	-54.70	-12.66	Peak
2	263.770	-67.18	-25.00	-42.18	-53.71	-13.47	Peak
3	354.950	-69.80	-25.00	-44.80	-59.18	-10.62	Peak
4	470.380	-70.20	-25.00	-45.20	-62.69	-7.51	Peak
5	647.890	-66.31	-25.00	-41.31	-62.44	-3.87	Peak
6	839.950	-62.11	-25.00	-37.11	-60.77	-1.34	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B7\_20M\_IRB50\_CH21100  
Test BY :Jing Chang

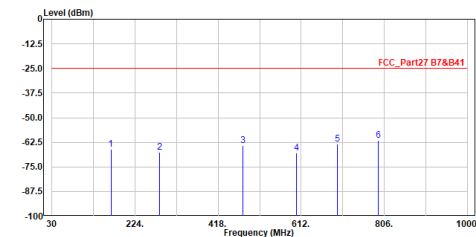


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	165.800	-62.16	-25.00	-37.16	-49.60	-12.56	Peak
2	215.270	-70.62	-25.00	-45.62	-55.37	-15.25	Peak
3	375.320	-67.91	-25.00	-42.91	-57.89	-10.02	Peak
4	489.780	-56.42	-25.00	-31.42	-49.16	-7.26	Peak
5	656.620	-65.63	-25.00	-40.63	-61.88	-3.75	Peak
6	839.950	-60.49	-25.00	-35.49	-59.15	-1.34	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B7\_20M\_IRB50\_CH21350  
Test BY :Jing Chang

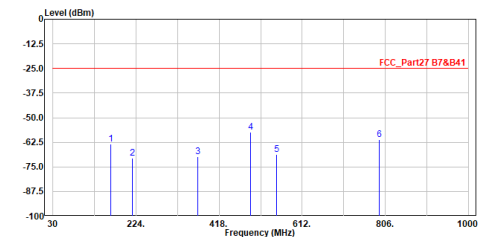


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	167.740	-66.10	-25.00	-41.10	-53.44	-12.66	Peak
2	282.200	-67.55	-25.00	-42.55	-55.06	-12.49	Peak
3	475.230	-64.22	-25.00	-39.22	-56.73	-7.49	Peak
4	600.360	-68.10	-25.00	-43.10	-63.63	-4.47	Peak
5	696.390	-63.36	-25.00	-38.36	-60.08	-3.28	Peak
6	792.420	-61.69	-25.00	-36.69	-59.95	-1.74	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B7\_20M\_IRB50\_CH21350  
Test BY :Jing Chang

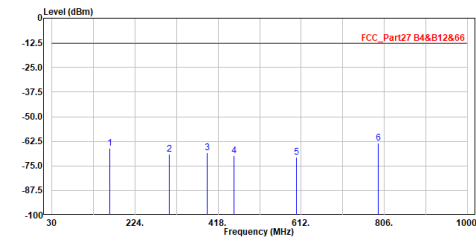


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	165.800	-63.43	-25.00	-38.43	-50.87	-12.56	Peak
2	215.270	-70.44	-25.00	-45.44	-55.19	-15.25	Peak
3	368.530	-69.93	-25.00	-44.93	-59.75	-10.18	Peak
4	491.720	-57.46	-25.00	-32.46	-50.23	-7.23	Peak
5	551.860	-68.59	-25.00	-43.59	-62.43	-6.16	Peak
6	792.420	-61.18	-25.00	-36.18	-59.44	-1.74	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

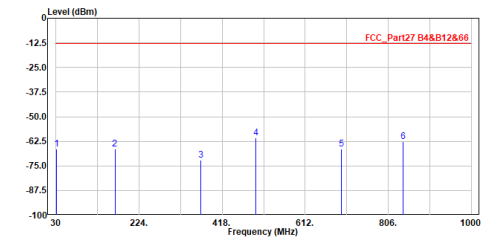
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B12\_10M\_1RB25\_CH23060  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	165.800	-66.11	-13.00	-53.11	-51.40	-14.71	Peak
2	303.540	-69.23	-13.00	-56.23	-55.11	-14.12	Peak
3	392.780	-68.18	-13.00	-55.18	-56.44	-11.74	Peak
4	454.860	-69.63	-13.00	-56.63	-59.72	-9.91	Peak
5	690.360	-70.38	-13.00	-57.38	-63.76	-6.62	Peak
6	792.420	-63.40	-13.00	-50.40	-59.51	-3.89	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

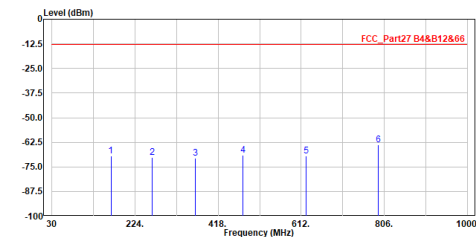
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B12\_10M\_1RB25\_CH23060  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	31.940	-66.39	-13.00	-53.39	-50.64	-15.75	Peak
2	167.740	-66.45	-13.00	-53.45	-51.64	-14.81	Peak
3	368.530	-72.25	-13.00	-59.25	-59.92	-12.33	Peak
4	496.570	-60.67	-13.00	-47.67	-51.52	-9.15	Peak
5	696.390	-66.51	-13.00	-53.51	-61.08	-5.43	Peak
6	839.950	-62.62	-13.00	-49.62	-59.13	-3.49	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

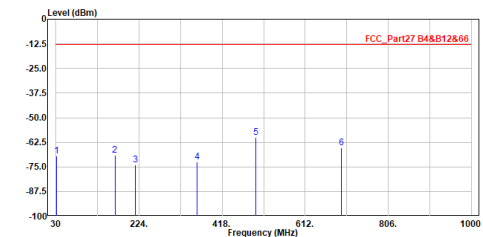
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B12\_10M\_1RB25\_CH23095  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	167.740	-69.41	-13.00	-56.41	-54.60	-14.81	Peak
2	263.770	-70.34	-13.00	-57.34	-54.72	-15.62	Peak
3	364.650	-70.48	-13.00	-57.48	-58.06	-12.42	Peak
4	475.230	-69.23	-13.00	-56.23	-59.59	-9.64	Peak
5	623.640	-69.60	-13.00	-56.60	-63.02	-6.58	Peak
6	792.420	-63.68	-13.00	-50.68	-59.79	-3.89	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

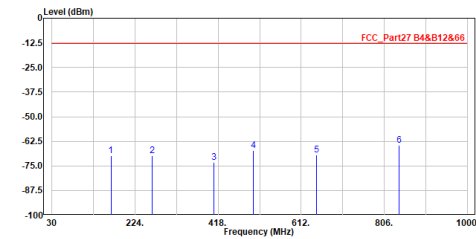
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B12\_10M\_1RB25\_CH23095  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	31.940	-69.26	-13.00	-56.26	-53.51	-15.75	Peak
2	167.740	-69.05	-13.00	-56.05	-54.24	-14.81	Peak
3	215.270	-73.97	-13.00	-60.97	-56.57	-17.40	Peak
4	359.800	-72.56	-13.00	-59.56	-60.02	-12.54	Peak
5	496.570	-59.87	-13.00	-46.87	-50.72	-9.15	Peak
6	696.390	-65.31	-13.00	-52.31	-59.88	-5.43	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

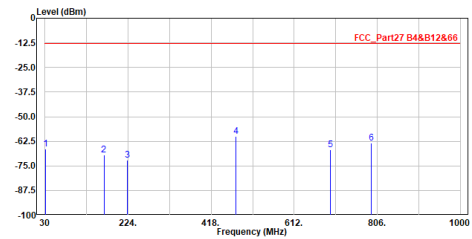
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B12\_10M\_1RB25\_CH23130  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	167.740	-69.81	-13.00	-56.81	-55.00	-14.81	Peak
2	263.770	-69.63	-13.00	-56.63	-54.01	-15.62	Peak
3	408.300	-73.15	-13.00	-60.15	-61.71	-11.44	Peak
4	499.400	-67.15	-13.00	-54.15	-58.23	-8.92	Peak
5	647.890	-69.49	-13.00	-56.49	-63.47	-6.02	Peak
6	839.950	-64.45	-13.00	-51.45	-60.96	-3.49	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

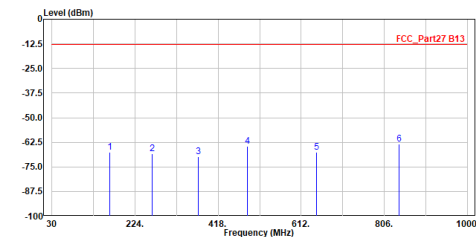
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B12\_10M\_1RB25\_CH23130  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	31.940	-66.35	-13.00	-53.35	-50.60	-15.75	Peak
2	167.740	-69.57	-13.00	-56.57	-54.76	-14.81	Peak
3	223.030	-72.02	-13.00	-59.02	-54.72	-17.30	Peak
4	476.200	-60.08	-13.00	-47.08	-50.44	-9.64	Peak
5	696.390	-66.80	-13.00	-53.80	-61.37	-5.43	Peak
6	792.420	-63.56	-13.00	-50.56	-59.67	-3.89	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

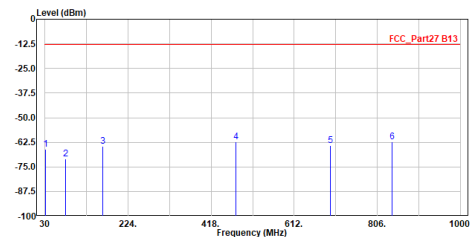
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B13\_10M\_1RB25\_CH23230  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	165.800	-67.38	-13.00	-54.38	-52.67	-14.71	Peak
2	263.770	-68.15	-13.00	-55.15	-52.53	-15.62	Peak
3	371.440	-69.92	-13.00	-56.92	-57.65	-12.27	Peak
4	406.870	-64.37	-13.00	-51.37	-54.89	-9.48	Peak
5	647.890	-67.73	-13.00	-54.73	-61.71	-6.02	Peak
6	839.950	-63.57	-13.00	-50.57	-60.08	-3.49	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

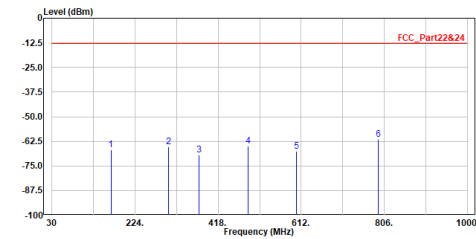
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B13\_10M\_1RB25\_CH23230  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	31.940	-66.04	-13.00	-53.04	-50.29	-15.75	Peak
2	78.500	-70.87	-13.00	-57.87	-51.72	-19.15	Peak
3	165.800	-64.64	-13.00	-51.64	-49.93	-14.71	Peak
4	476.200	-62.15	-13.00	-49.15	-52.51	-9.64	Peak
5	696.390	-64.34	-13.00	-51.34	-58.91	-5.43	Peak
6	839.950	-62.41	-13.00	-49.41	-58.92	-3.49	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

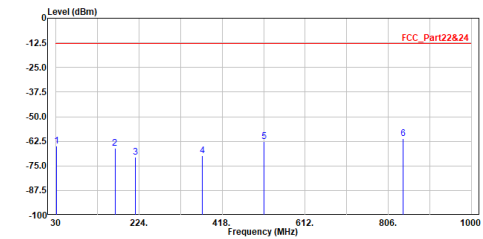
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B25\_20M\_1RB50\_CH26140  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	167.740	-66.91	-13.00	-53.91	-54.25	-12.66	Peak
2	301.600	-65.33	-13.00	-52.33	-53.32	-12.01	Peak
3	374.350	-69.55	-13.00	-56.55	-59.51	-10.04	Peak
4	487.840	-64.91	-13.00	-51.91	-57.61	-7.30	Peak
5	600.360	-67.57	-13.00	-54.57	-63.10	-4.47	Peak
6	792.420	-61.67	-13.00	-48.67	-59.93	-1.74	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

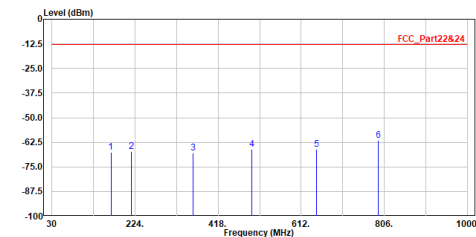
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B25\_20M\_1RB50\_CH26140  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	31.940	-64.77	-13.00	-51.77	-51.17	-13.60	Peak
2	167.740	-66.22	-13.00	-53.22	-53.56	-12.66	Peak
3	215.270	-70.63	-13.00	-57.63	-55.38	-15.25	Peak
4	371.440	-69.67	-13.00	-56.67	-59.55	-10.12	Peak
5	515.970	-62.59	-13.00	-49.59	-55.93	-6.66	Peak
6	839.950	-61.01	-13.00	-48.01	-59.67	-1.34	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

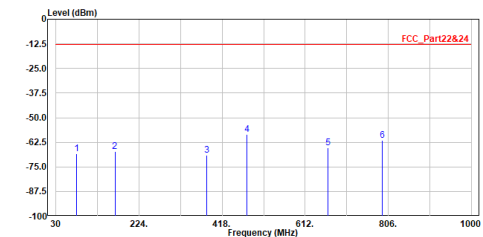
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B25\_20M\_1RB50\_CH26365  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	167.740	-67.62	-13.00	-54.62	-54.96	-12.66	Peak
2	215.270	-67.28	-13.00	-54.28	-52.03	-15.25	Peak
3	358.830	-67.79	-13.00	-54.79	-57.35	-10.44	Peak
4	497.540	-65.96	-13.00	-52.96	-59.03	-6.93	Peak
5	647.890	-66.02	-13.00	-53.02	-62.15	-3.87	Peak
6	792.420	-61.45	-13.00	-48.45	-59.71	-1.74	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

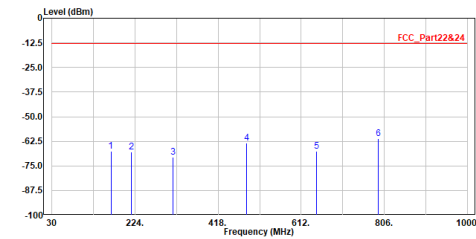
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B25\_20M\_1RB50\_CH26365  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	78.500	-68.29	-13.00	-55.29	-51.29	-17.00	Peak
2	167.740	-67.27	-13.00	-54.27	-54.61	-12.66	Peak
3	382.110	-68.91	-13.00	-55.91	-59.07	-9.84	Peak
4	475.230	-58.42	-13.00	-45.42	-50.93	-7.49	Peak
5	665.350	-65.33	-13.00	-52.33	-61.52	-3.81	Peak
6	792.420	-61.64	-13.00	-48.64	-59.90	-1.74	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

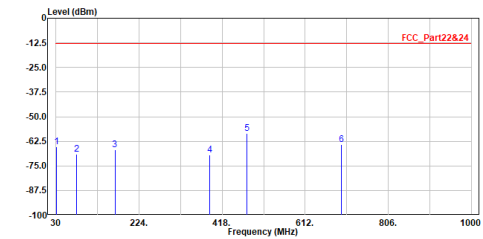
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B25\_20M\_1RB50\_CH26590  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	167.740	-67.73	-13.00	-54.73	-55.07	-12.66	Peak
2	215.270	-67.75	-13.00	-54.75	-52.50	-15.25	Peak
3	312.270	-70.47	-13.00	-57.47	-58.85	-11.62	Peak
4	483.960	-63.24	-13.00	-50.24	-55.85	-7.39	Peak
5	647.890	-67.43	-13.00	-54.43	-63.56	-3.87	Peak
6	792.420	-61.26	-13.00	-48.26	-59.52	-1.74	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

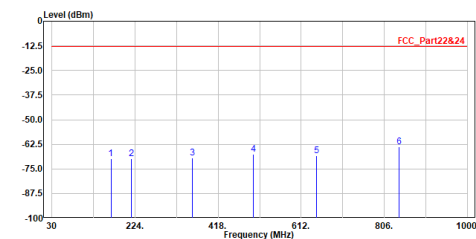
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B25\_20M\_1RB50\_CH26590  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	31.940	-65.15	-13.00	-52.15	-51.55	-13.60	Peak
2	77.530	-69.12	-13.00	-56.12	-52.33	-16.79	Peak
3	167.740	-66.91	-13.00	-53.91	-54.25	-12.66	Peak
4	389.870	-69.37	-13.00	-56.37	-59.71	-9.66	Peak
5	476.200	-58.55	-13.00	-45.55	-51.06	-7.49	Peak
6	696.390	-64.13	-13.00	-51.13	-60.85	-3.28	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

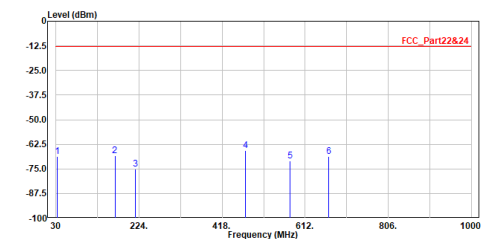
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B26\_15M\_1RB37\_CH26865  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	167.740	-69.82	-13.00	-56.82	-55.01	-14.81	Peak
2	215.270	-69.87	-13.00	-56.87	-52.47	-17.40	Peak
3	357.860	-69.49	-13.00	-56.49	-56.85	-12.64	Peak
4	499.480	-67.59	-13.00	-54.59	-58.67	-8.92	Peak
5	647.890	-68.48	-13.00	-55.48	-62.46	-6.02	Peak
6	839.950	-63.92	-13.00	-50.92	-60.43	-3.49	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B26\_15M\_1RB37\_CH26865  
Test BY :Jing Chang

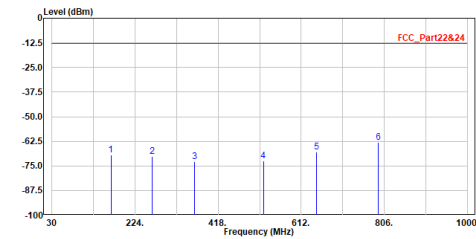


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	32.910	-68.77	-13.00	-55.77	-52.94	-15.83	Peak
2	167.740	-68.34	-13.00	-55.34	-53.53	-14.81	Peak
3	215.270	-75.16	-13.00	-62.16	-57.76	-17.40	Peak
4	473.290	-65.68	-13.00	-52.68	-56.03	-9.65	Peak
5	576.110	-71.01	-13.00	-58.01	-63.53	-7.48	Peak
6	666.320	-68.77	-13.00	-55.77	-62.83	-5.94	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.



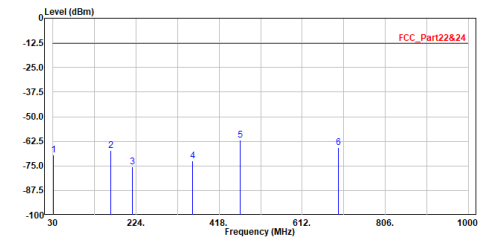
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B26\_15M\_1RB37\_CH26915  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	167.740	-69.53	-13.00	-56.53	-54.72	-14.81	Peak
2	263.770	-70.23	-13.00	-57.23	-54.61	-15.62	Peak
3	363.680	-72.96	-13.00	-59.96	-60.52	-12.44	Peak
4	523.730	-72.38	-13.00	-59.38	-63.69	-8.69	Peak
5	647.890	-67.85	-13.00	-54.85	-61.83	-6.02	Peak
6	792.420	-62.94	-13.00	-49.94	-59.05	-3.89	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

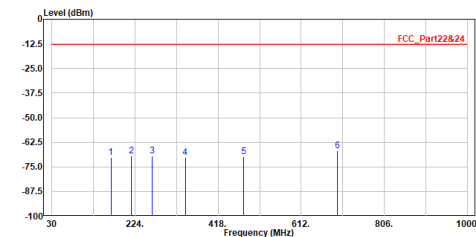
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B26\_15M\_1RB37\_CH26915  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	31.940	-69.55	-13.00	-56.55	-53.80	-15.75	Peak
2	165.800	-67.14	-13.00	-54.14	-52.43	-14.71	Peak
3	215.270	-75.30	-13.00	-62.30	-57.90	-17.40	Peak
4	355.920	-72.34	-13.00	-59.34	-59.62	-12.72	Peak
5	467.470	-62.07	-13.00	-49.07	-52.34	-9.73	Peak
6	696.390	-65.52	-13.00	-52.52	-60.09	-5.43	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

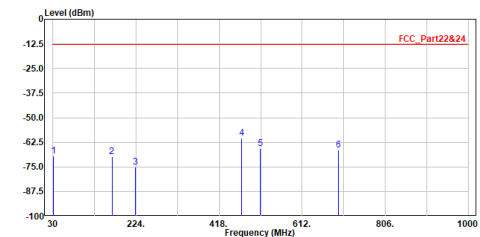
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B26\_15M\_1RB37\_CH26965  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	167.740	-70.24	-13.00	-57.24	-55.43	-14.81	Peak
2	215.270	-69.56	-13.00	-56.56	-52.16	-17.40	Peak
3	263.770	-69.59	-13.00	-56.59	-53.97	-15.62	Peak
4	341.370	-70.18	-13.00	-57.18	-57.15	-13.03	Peak
5	478.140	-69.91	-13.00	-56.91	-60.27	-9.64	Peak
6	696.390	-66.80	-13.00	-53.80	-61.37	-5.43	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

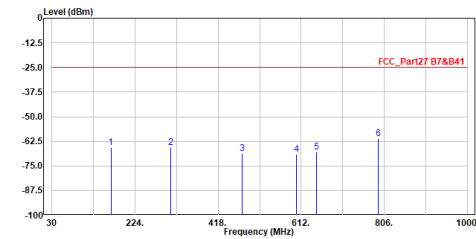
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B26\_15M\_1RB37\_CH26965  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	31.940	-69.60	-13.00	-56.60	-53.85	-15.75	Peak
2	167.740	-69.66	-13.00	-56.66	-54.85	-14.81	Peak
3	223.030	-75.26	-13.00	-62.26	-57.96	-17.30	Peak
4	471.350	-60.21	-13.00	-47.21	-50.56	-9.65	Peak
5	515.000	-65.68	-13.00	-52.68	-56.85	-8.83	Peak
6	696.390	-66.34	-13.00	-53.34	-60.91	-5.43	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

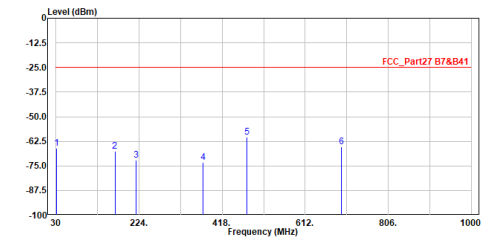
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B41\_20M\_1RB50\_CH39750  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	167.740	-65.56	-25.00	-40.56	-52.90	-12.66	Peak
2	307.420	-65.50	-25.00	-40.50	-53.66	-11.84	Peak
3	474.260	-68.85	-25.00	-43.85	-61.36	-7.49	Peak
4	600.360	-68.94	-25.00	-43.94	-64.47	-4.47	Peak
5	647.890	-67.86	-25.00	-42.86	-63.99	-3.87	Peak
6	792.420	-61.28	-25.00	-36.28	-59.54	-1.74	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

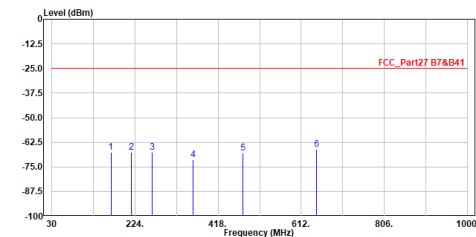
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B41\_20M\_1RB50\_CH39750  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	31.940	-66.16	-25.00	-41.16	-52.56	-13.60	Peak
2	167.740	-67.67	-25.00	-42.67	-55.01	-12.66	Peak
3	217.210	-72.22	-25.00	-47.22	-56.97	-15.25	Peak
4	374.350	-73.17	-25.00	-48.17	-63.13	-10.04	Peak
5	475.230	-60.51	-25.00	-35.51	-53.02	-7.49	Peak
6	696.390	-65.35	-25.00	-40.35	-62.07	-3.28	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

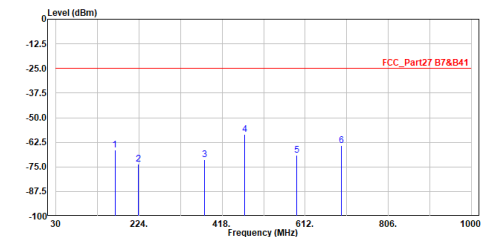
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B41\_20M\_1RB50\_CH40620  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	167.740	-67.56	-25.00	-42.56	-54.90	-12.66	Peak
2	215.270	-67.53	-25.00	-42.53	-52.28	-15.25	Peak
3	263.770	-67.59	-25.00	-42.59	-54.12	-13.47	Peak
4	359.000	-71.46	-25.00	-46.46	-61.07	-10.39	Peak
5	475.230	-68.01	-25.00	-43.01	-60.52	-7.49	Peak
6	647.890	-66.01	-25.00	-41.01	-62.14	-3.87	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

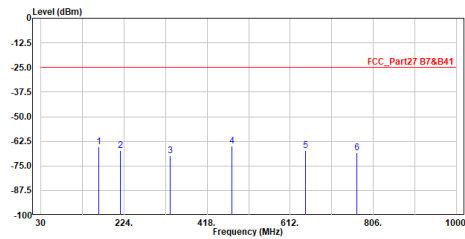
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B41\_20M\_1RB50\_CH40620  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	167.740	-66.29	-25.00	-41.29	-53.63	-12.66	Peak
2	223.030	-73.72	-25.00	-48.72	-58.57	-15.15	Peak
3	376.290	-71.17	-25.00	-46.17	-61.19	-9.98	Peak
4	471.350	-58.53	-25.00	-33.53	-51.03	-7.50	Peak
5	591.630	-69.13	-25.00	-44.13	-64.40	-4.73	Peak
6	696.390	-64.21	-25.00	-39.21	-60.93	-3.28	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

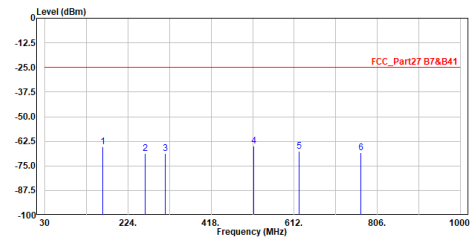
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B41\_20M\_IRB50\_CH41490  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	165.800	-65.15	-25.00	-40.15	-52.59	-12.56	Peak
2	215.270	-67.33	-25.00	-42.33	-52.08	-15.25	Peak
3	332.640	-69.67	-25.00	-44.67	-58.72	-10.95	Peak
4	475.230	-64.81	-25.00	-39.81	-57.32	-7.49	Peak
5	647.890	-66.99	-25.00	-41.99	-63.12	-3.87	Peak
6	768.170	-68.44	-25.00	-43.44	-66.28	-2.16	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

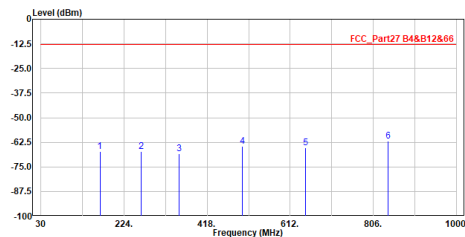
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B41\_20M\_IRB50\_CH41490  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	165.800	-65.15	-25.00	-40.15	-52.59	-12.56	Peak
2	263.770	-68.85	-25.00	-43.85	-55.38	-13.47	Peak
3	311.300	-68.53	-25.00	-43.53	-56.87	-11.66	Peak
4	516.940	-64.73	-25.00	-39.73	-58.09	-6.64	Peak
5	623.640	-67.36	-25.00	-42.36	-62.93	-4.43	Peak
6	768.170	-68.44	-25.00	-43.44	-66.28	-2.16	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

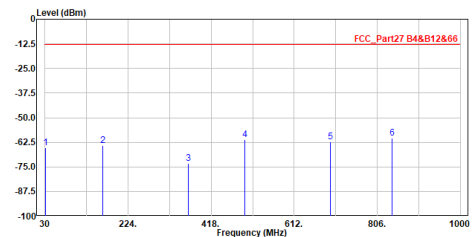
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B66\_3M\_IRB7\_CH131987  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	167.740	-67.17	-13.00	-54.17	-54.51	-12.66	Peak
2	263.770	-67.27	-13.00	-54.27	-53.80	-13.47	Peak
3	353.010	-68.36	-13.00	-55.36	-57.65	-10.71	Peak
4	500.450	-64.52	-13.00	-51.52	-57.77	-6.75	Peak
5	647.890	-65.12	-13.00	-52.12	-61.25	-3.87	Peak
6	839.950	-61.81	-13.00	-48.81	-60.47	-1.34	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

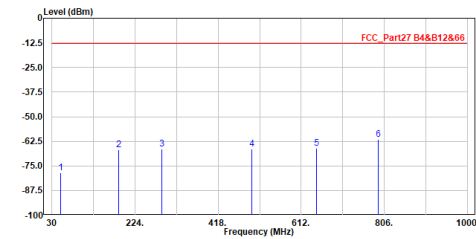
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B66\_3M\_IRB7\_CH131987  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	31.940	-65.16	-13.00	-52.16	-51.56	-13.60	Peak
2	165.800	-64.19	-13.00	-51.19	-51.63	-12.56	Peak
3	365.620	-73.23	-13.00	-60.23	-62.98	-10.25	Peak
4	496.570	-61.08	-13.00	-48.08	-54.08	-7.00	Peak
5	696.390	-62.39	-13.00	-49.39	-59.11	-3.28	Peak
6	839.950	-60.31	-13.00	-47.31	-58.97	-1.34	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

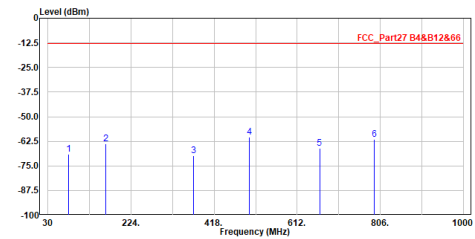
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B66\_3M\_1RB7\_CH132322  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	51.340	-78.35	-13.00	-65.35	-65.80	-12.55	Peak
2	185.200	-66.88	-13.00	-53.88	-52.31	-14.57	Peak
3	287.050	-66.36	-13.00	-53.36	-53.99	-12.37	Peak
4	496.570	-66.60	-13.00	-53.60	-59.60	-7.00	Peak
5	647.890	-66.06	-13.00	-53.06	-62.19	-3.87	Peak
6	792.420	-61.34	-13.00	-48.34	-59.60	-1.74	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

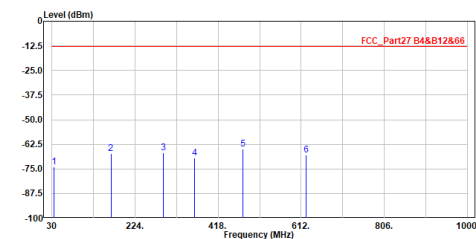
Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B66\_3M\_1RB7\_CH132322  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	78.500	-69.13	-13.00	-56.13	-52.13	-17.00	Peak
2	165.800	-63.61	-13.00	-50.61	-51.05	-12.56	Peak
3	378.470	-69.96	-13.00	-56.96	-59.82	-10.14	Peak
4	500.450	-60.38	-13.00	-47.38	-53.63	-6.75	Peak
5	664.380	-65.94	-13.00	-52.94	-62.13	-3.81	Peak
6	792.420	-61.45	-13.00	-48.45	-59.71	-1.74	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

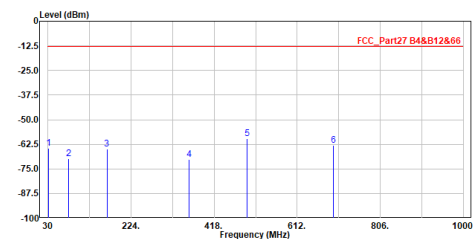
Site :HY-CB03  
Condition :3m Horizontal  
Mode :LTE\_B66\_3M\_1RB7\_CH132657  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	34.850	-73.89	-13.00	-60.89	-60.65	-13.24	Peak
2	167.740	-67.04	-13.00	-54.04	-54.38	-12.66	Peak
3	298.930	-66.89	-13.00	-53.89	-54.62	-12.27	Peak
4	363.680	-69.29	-13.00	-56.29	-59.00	-10.29	Peak
5	475.230	-64.72	-13.00	-51.72	-57.23	-7.49	Peak
6	623.640	-68.10	-13.00	-55.10	-63.67	-4.43	Peak

Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HY-CB03  
Condition :3m Vertical  
Mode :LTE\_B66\_3M\_1RB7\_CH132657  
Test BY :Jing Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level		
			dBm	dB	dBm	dB	
1	31.940	-64.49	-13.00	-51.49	-50.89	-13.60	Peak
2	78.500	-69.95	-13.00	-56.95	-52.95	-17.00	Peak
3	167.740	-64.94	-13.00	-51.94	-52.28	-12.66	Peak
4	358.830	-70.24	-13.00	-57.24	-59.80	-10.44	Peak
5	495.600	-59.59	-13.00	-46.59	-52.50	-7.09	Peak
6	696.390	-63.06	-13.00	-50.06	-59.78	-3.28	Peak

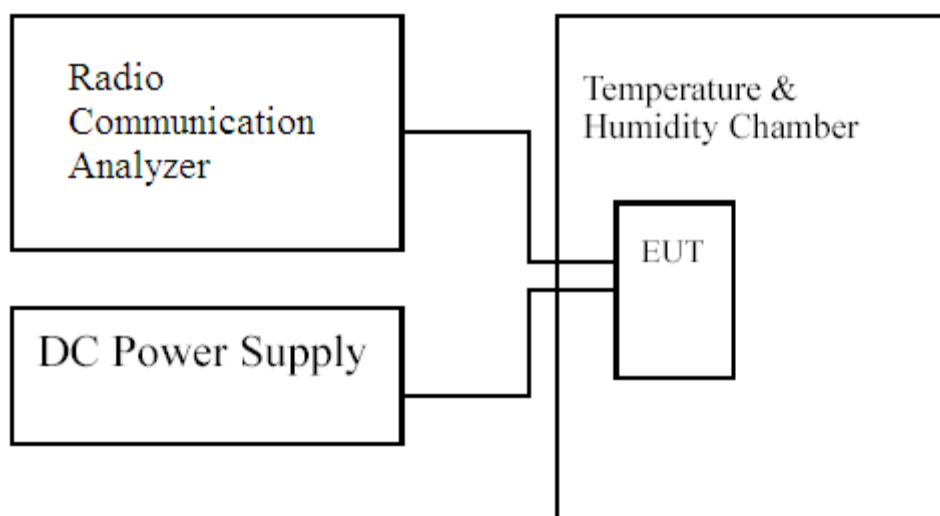
Note:  
1. Level = Read Level + Factor  
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor  
3. Over Limit = Level - Limit Line  
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)  
= 107 + 20log(3) - 104.8 = 11.8 dB  
5. The other emission levels were very low against the limit.  
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

## 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	< $\pm 2.5$ ppm
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### 7.4 Test Procedure

The frequency stability of transmitter is measured by:

- Temperature: The temperature is varied from  $-30^{\circ}\text{C}$  to  $50^{\circ}\text{C}$  in  $10^{\circ}\text{C}$  increment using a standard temperature & Humidity chamber.
- 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

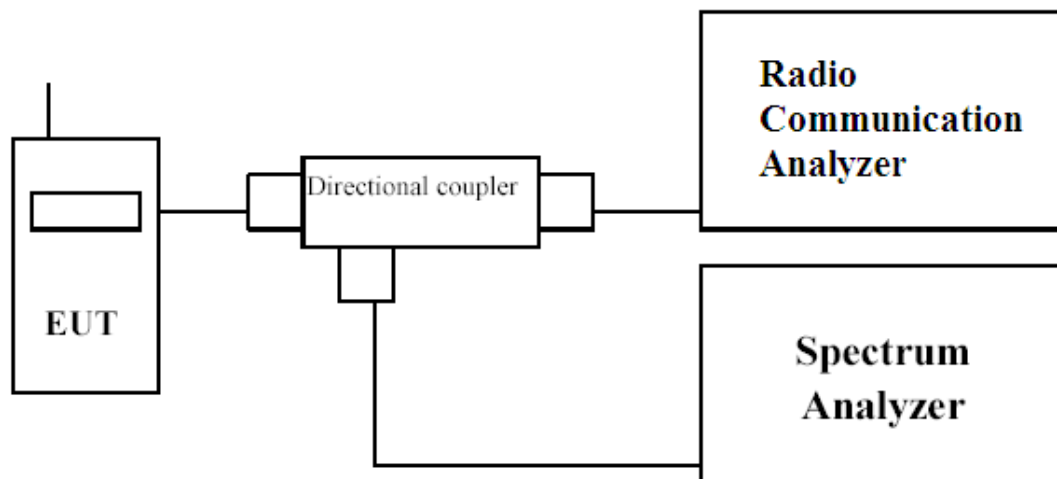
DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4 M	3 M	5 M	10 M	15 M	20 M	
4.4	Low	-0.0077	0.0086	0.0067	-0.0075	0.0065	0.0068	±4.28
3.85	Low	-0.0090	0.0093	0.0084	-0.0067	0.0057	0.0058	±4.28
3.6	Low	0.0069	0.0087	0.0065	-0.0075	0.0060	0.0057	±4.28
4.4	High	-0.0088	0.0080	0.0069	-0.0060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

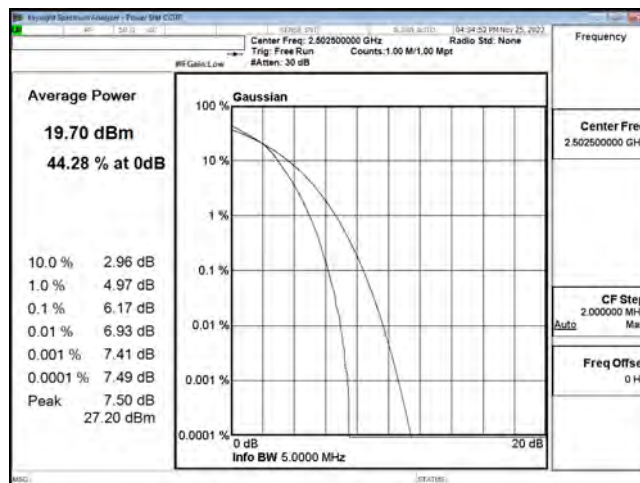
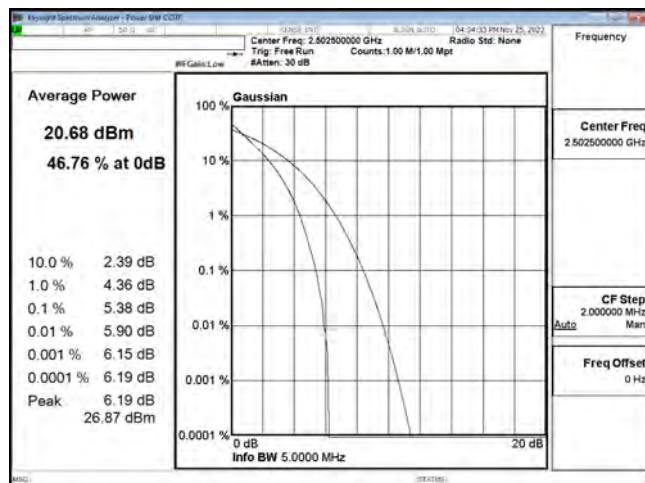
### 8.4 Test Procedure

- 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.

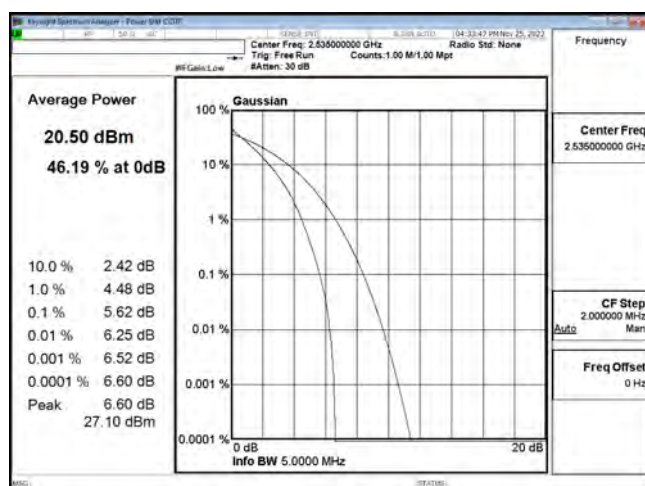
e) Record the maximum PAPR level associated with a probability of 0.1 %.

## 8.5 Test Result of Spurious Emission

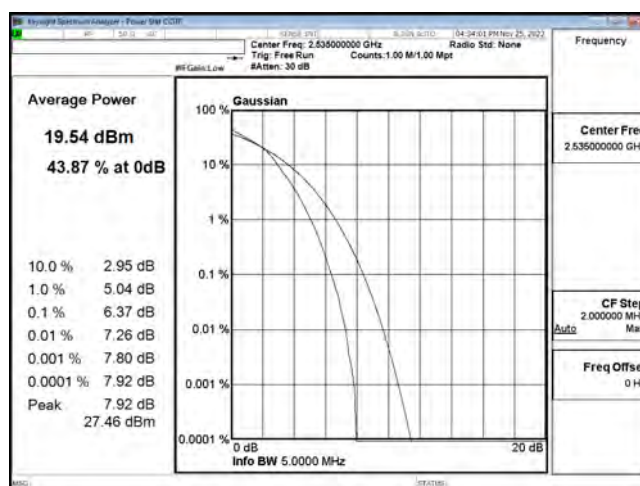
### LTE Band 7



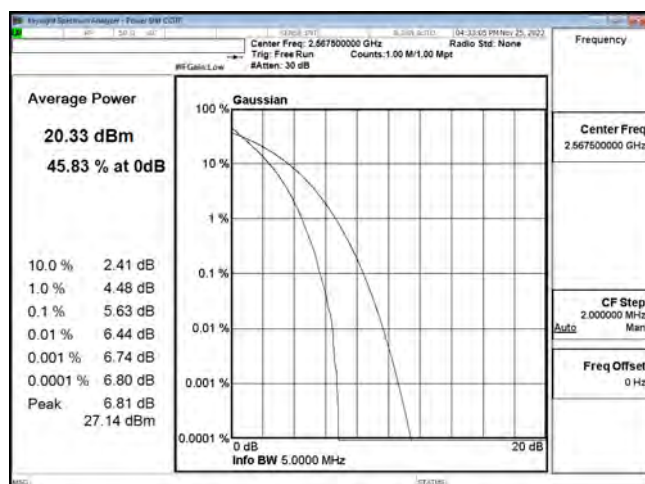
### PTAR B7 5 M CH20775 QPSK



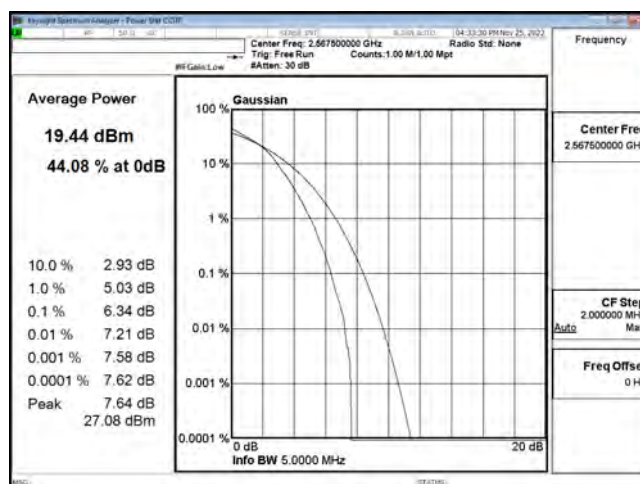
### PTAR B7 5 M CH20775 16QAM



### PTAR B7 5 M CH21100 QPSK

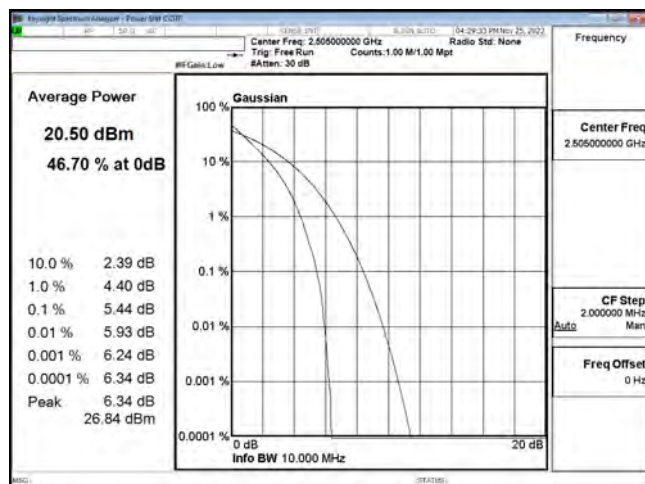


### PTAR B7 5 M CH21100 16QAM

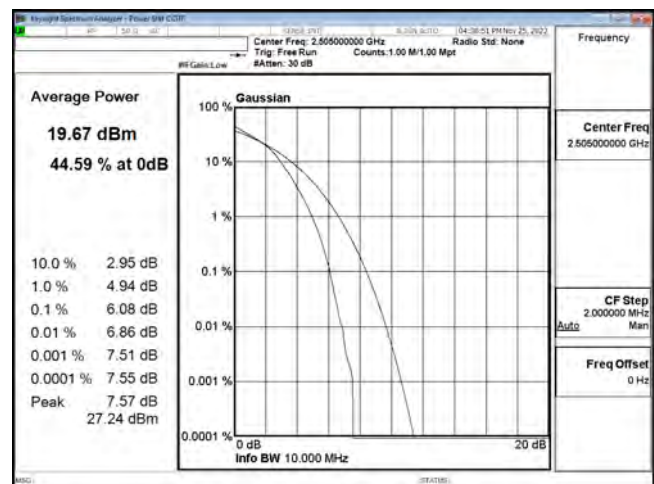




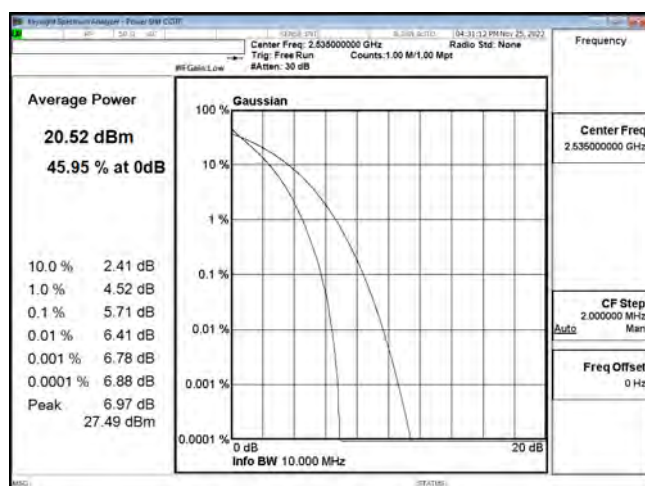
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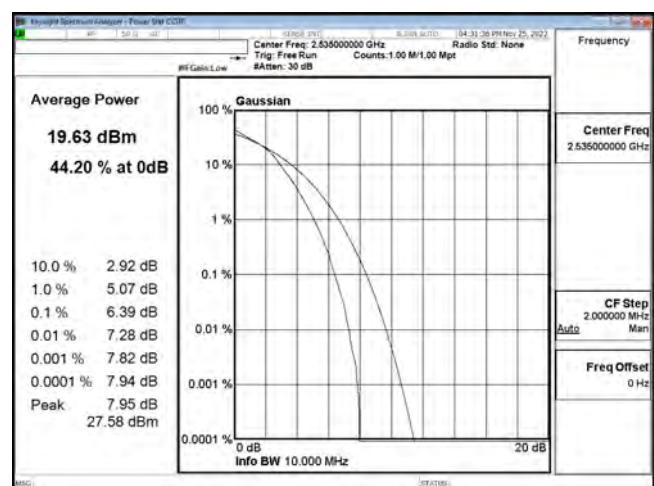
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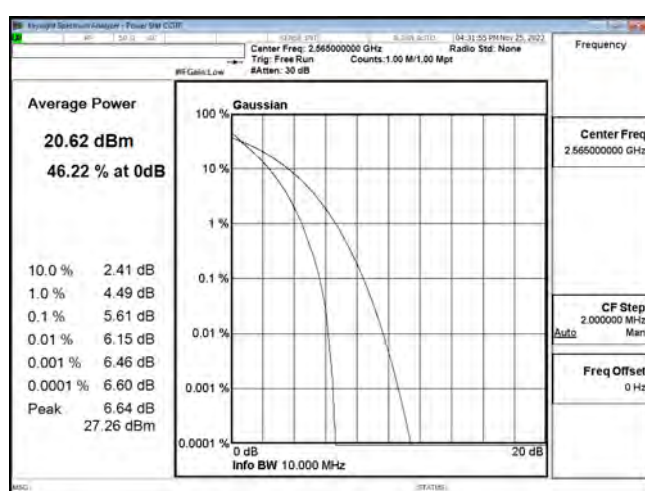
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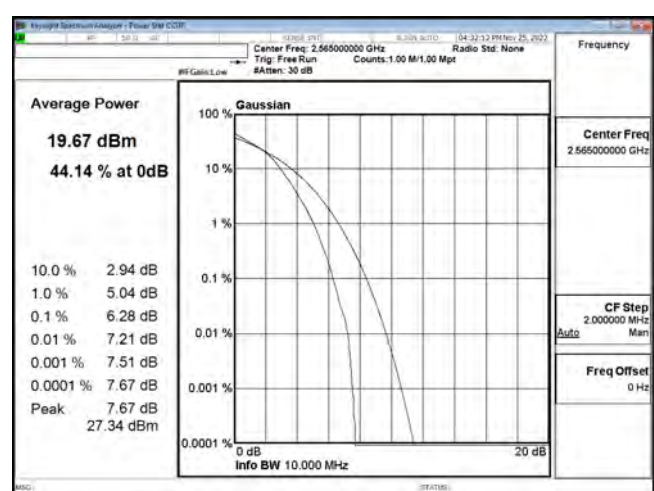
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PTAR B7 10 M CH21100 QPSK



PTAR B7 10 M CH21100 16QAM



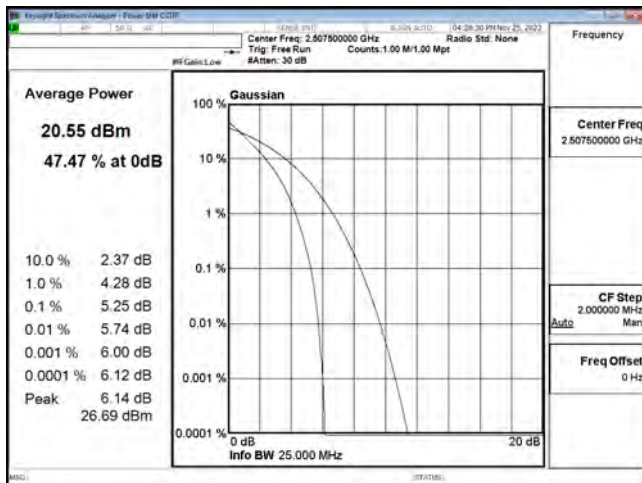
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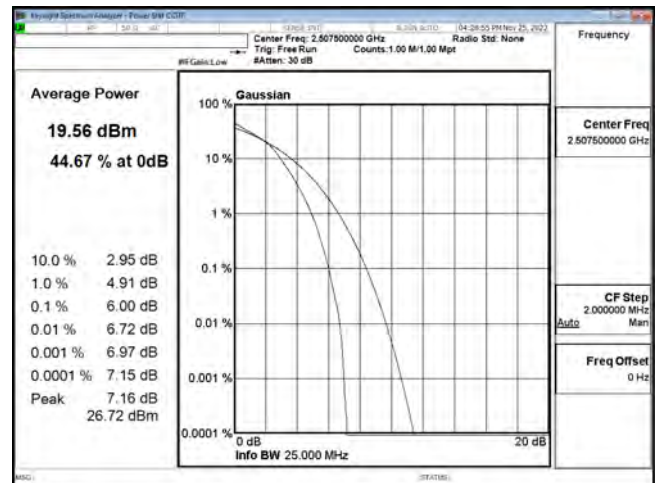
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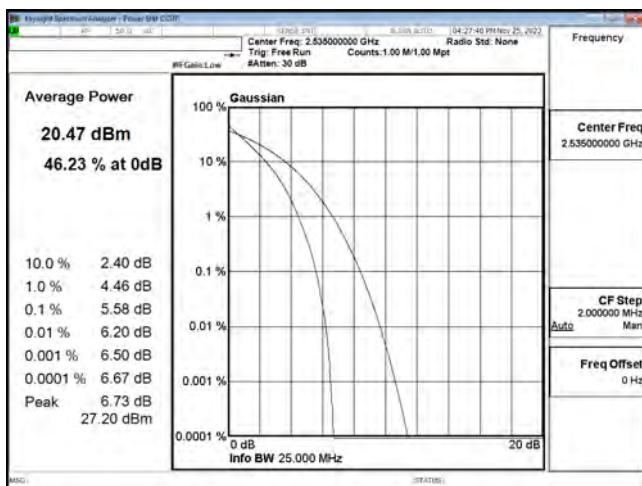




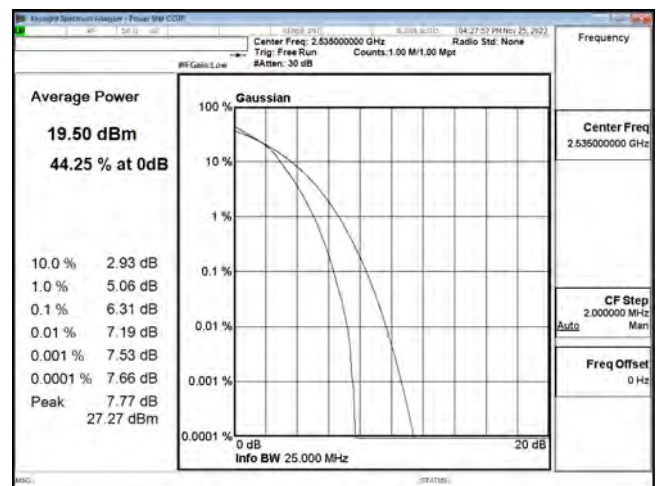
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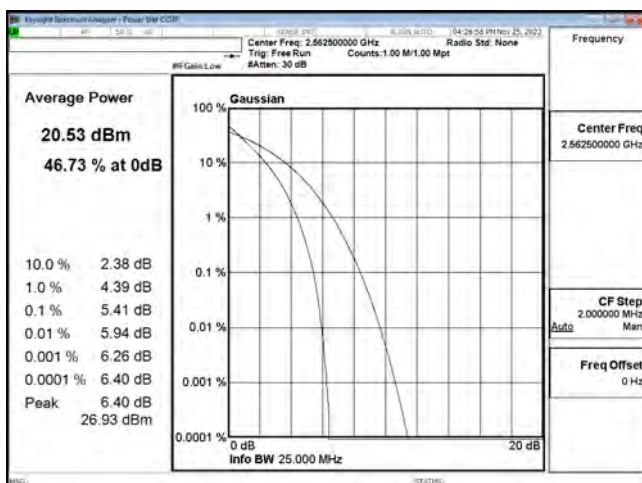
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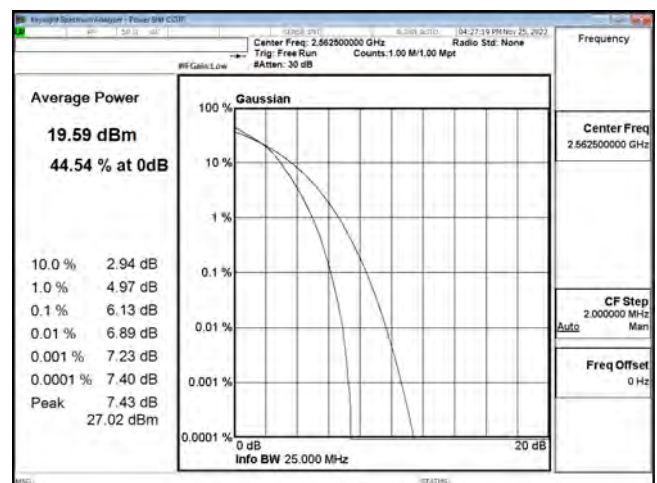
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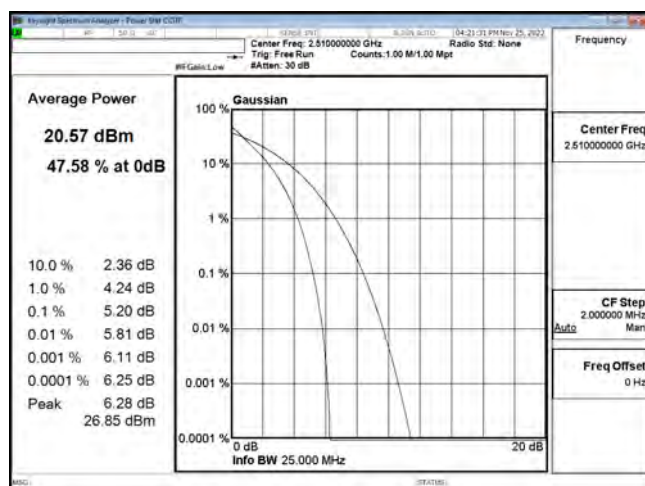
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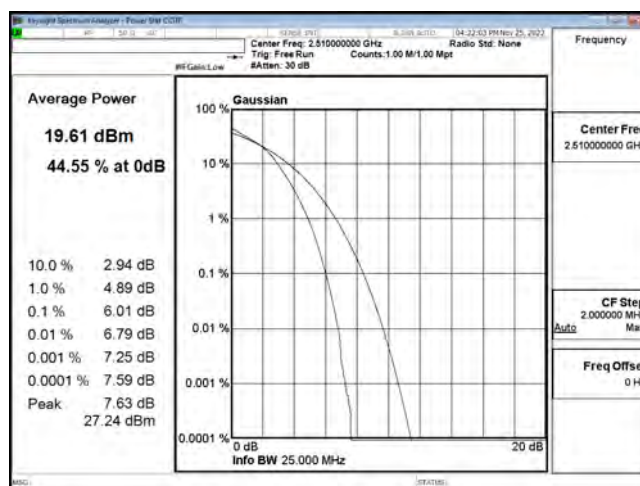
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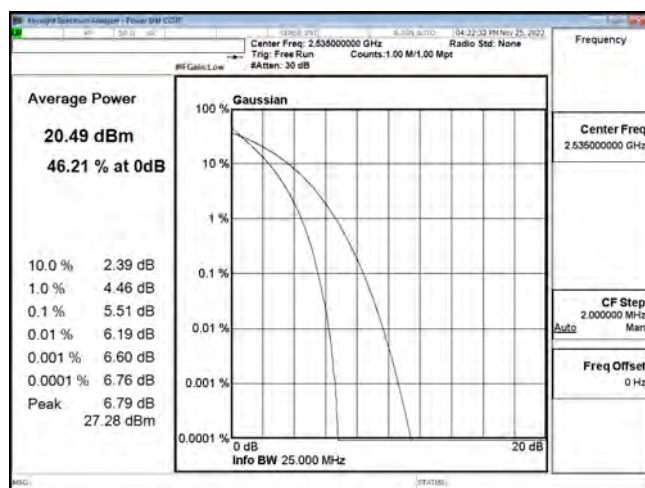
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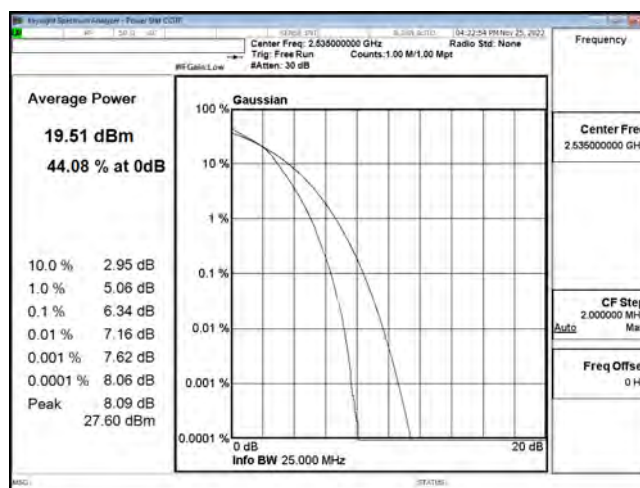
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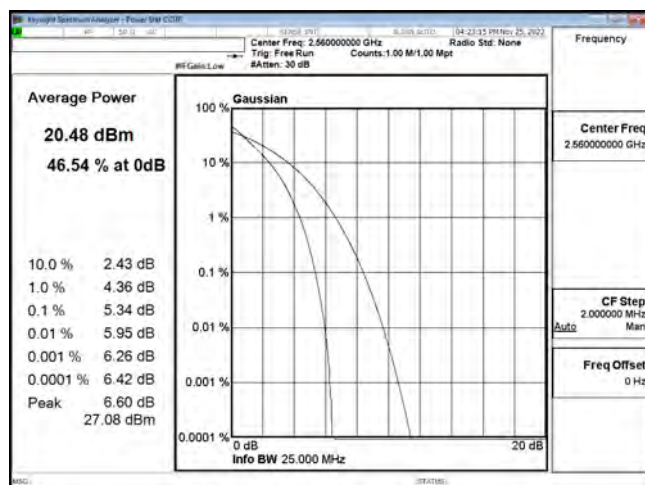
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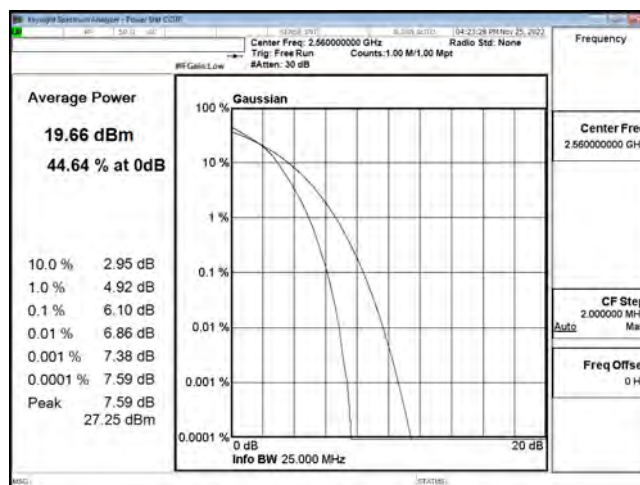
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PTAR B7 20 M CH21100 16QAM

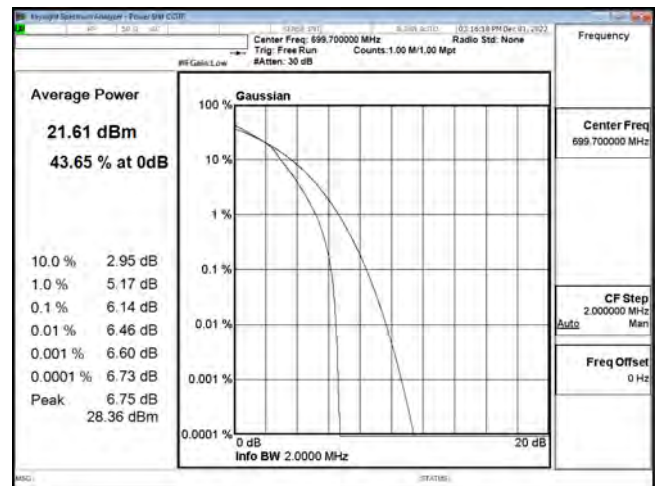
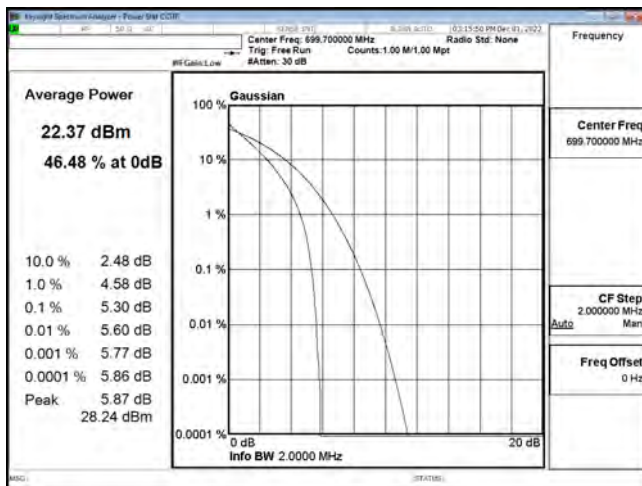


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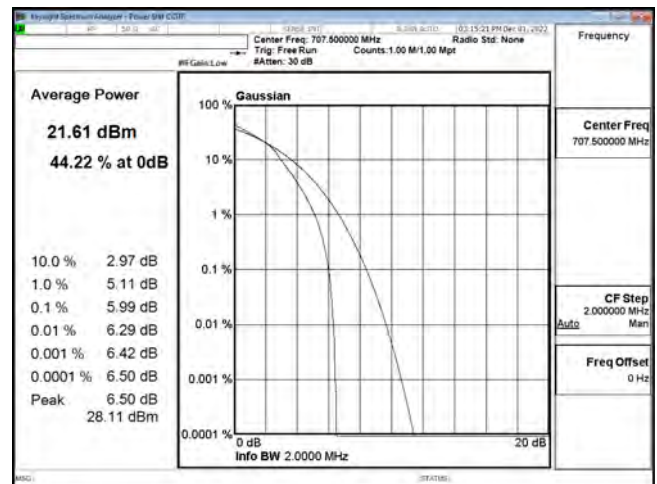
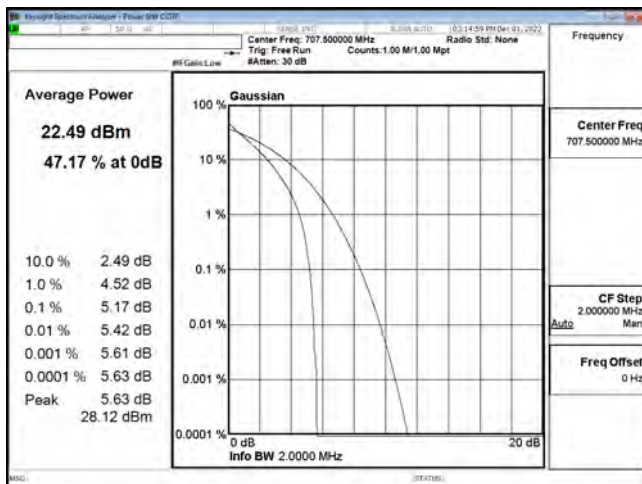
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## LTE Band 12



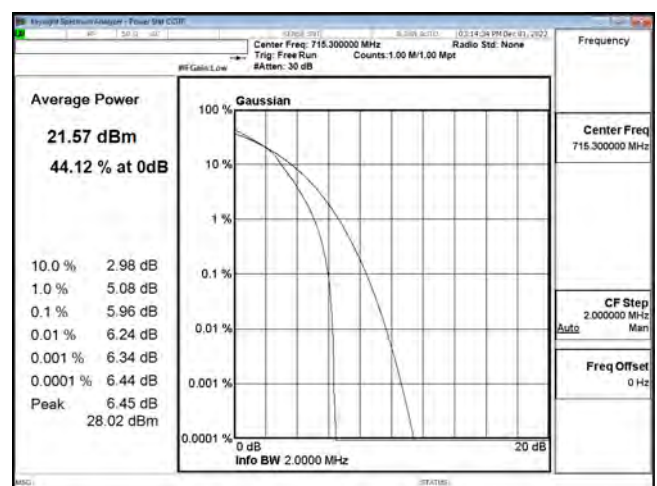
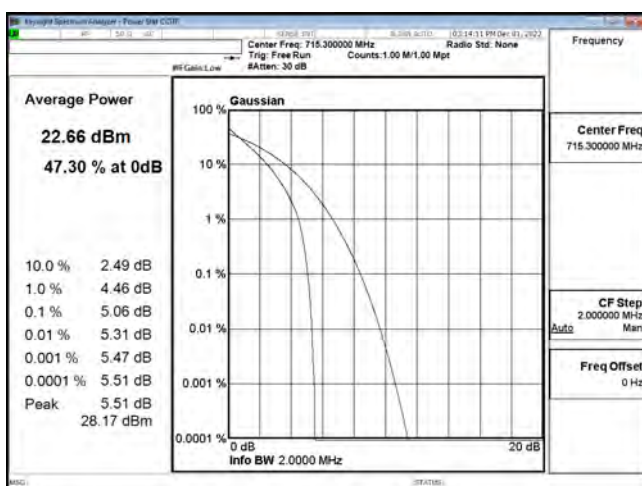
PTAR B12 1.4 M CH23017 QPSK

PTAR B12 1.4 M CH23017 16QAM



PTAR B12 1.4 M CH23095 QPSK

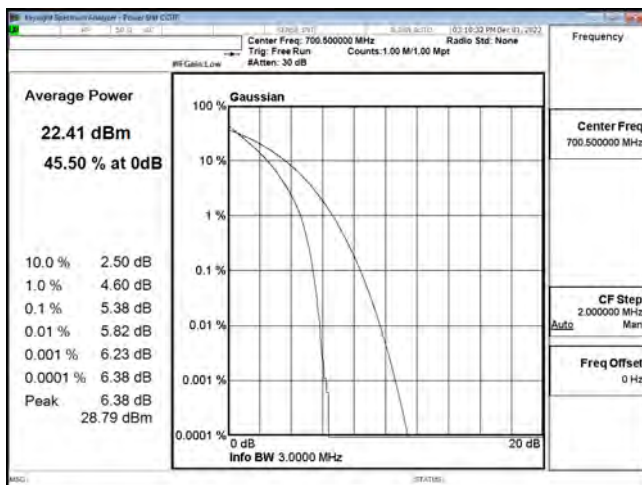
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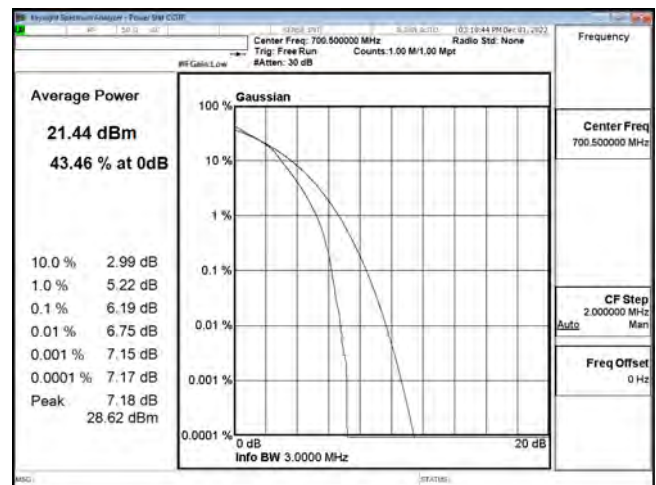
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PTAR B12 1.4 M CH23173 16QAM

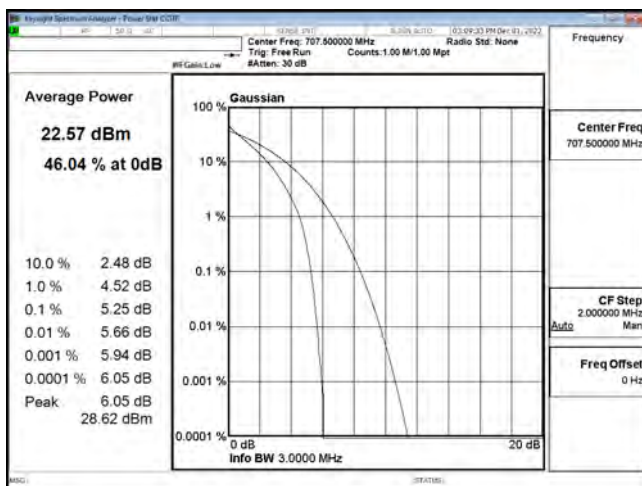




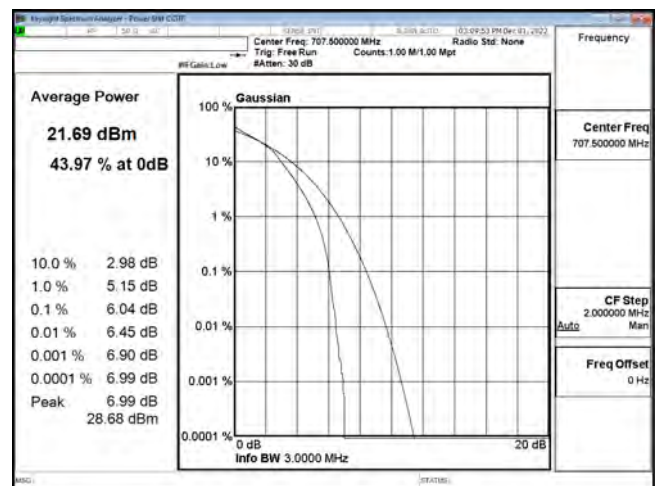
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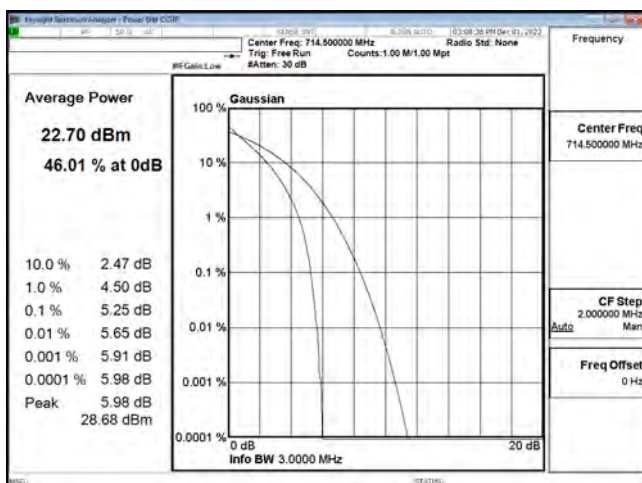
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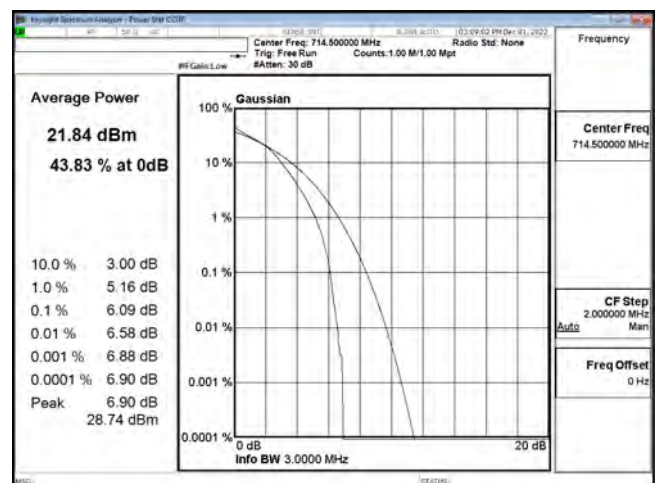
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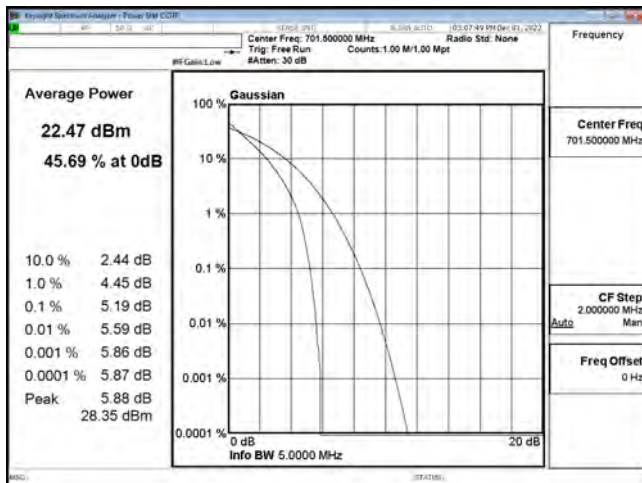
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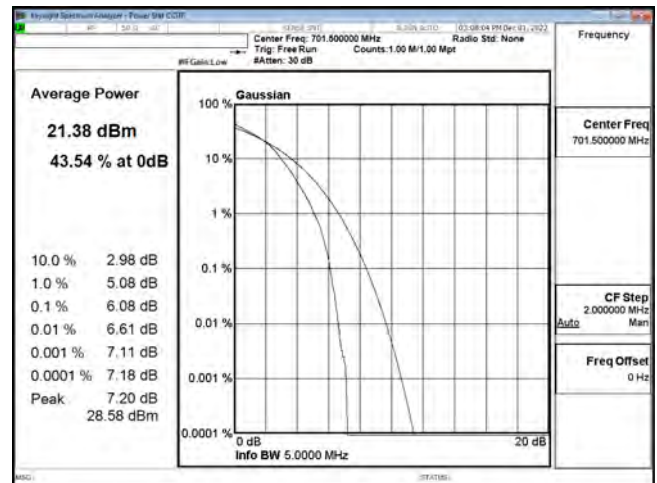
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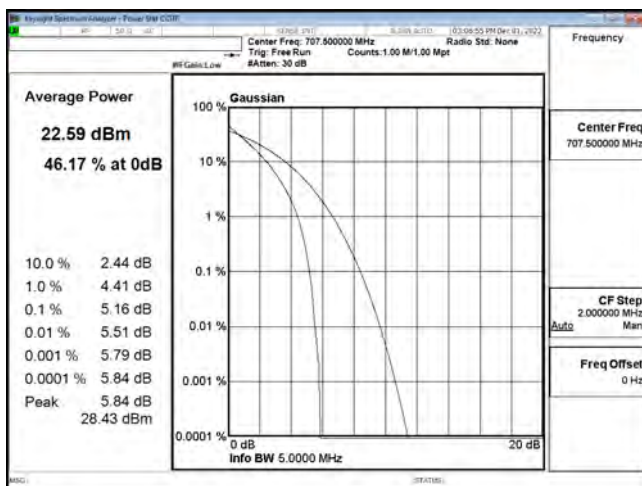
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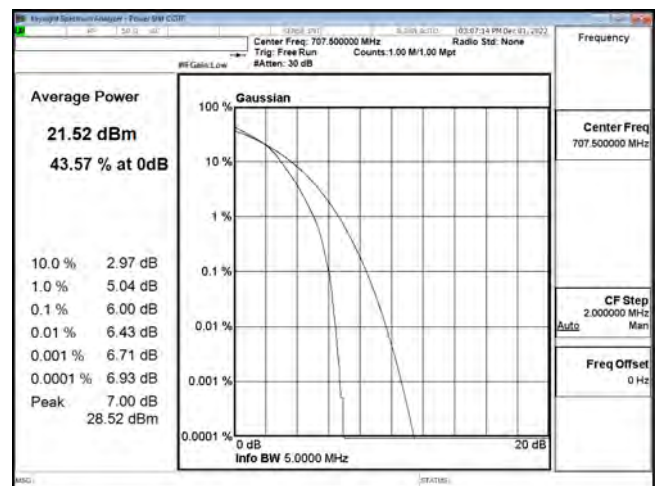
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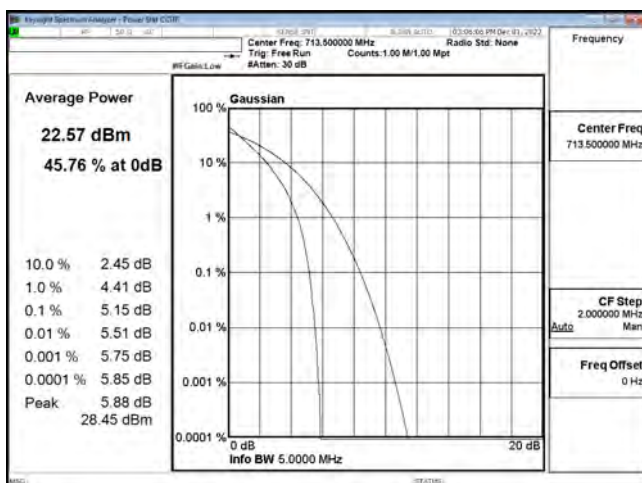
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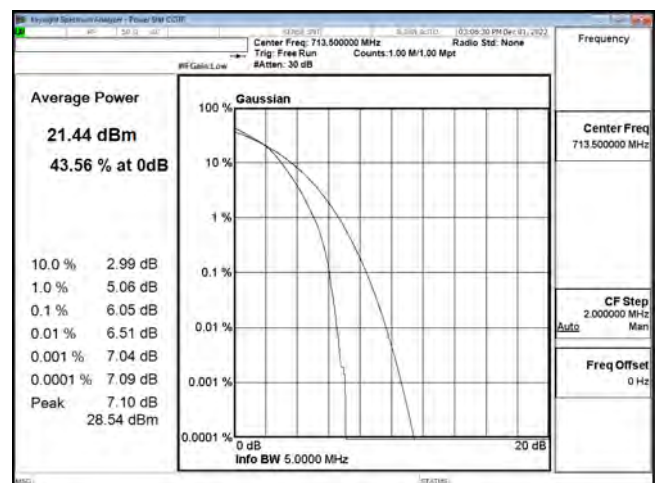
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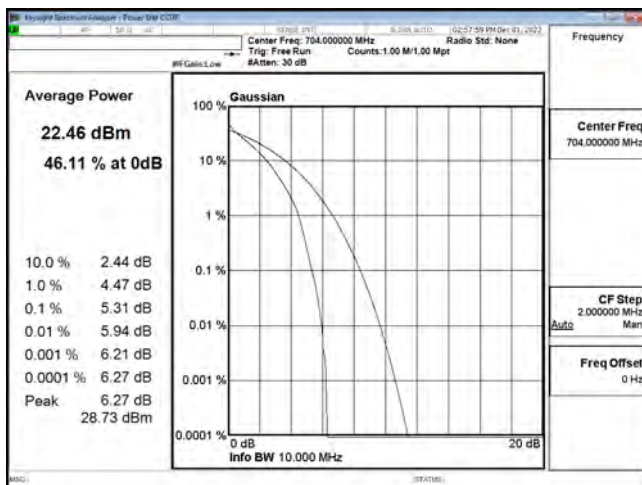
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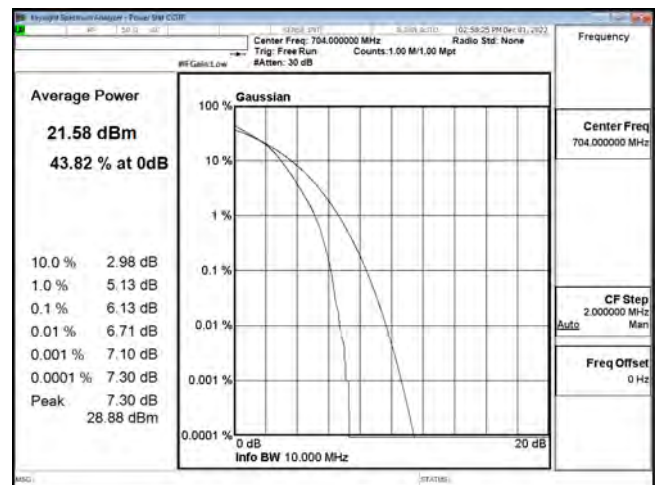
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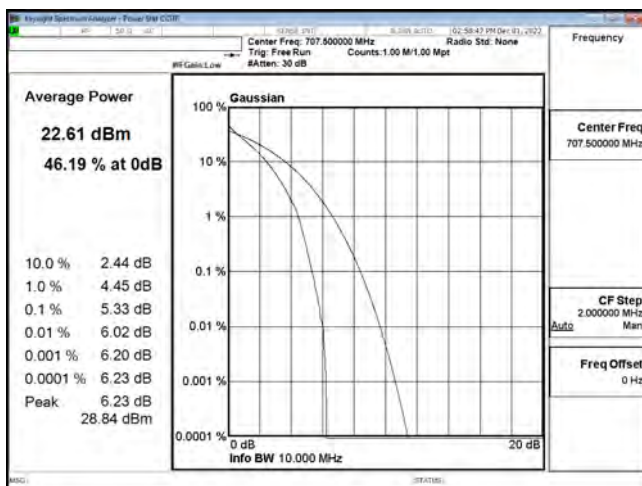
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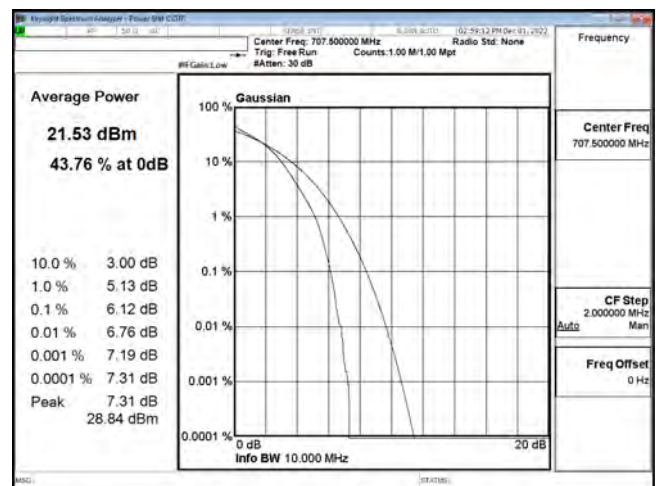
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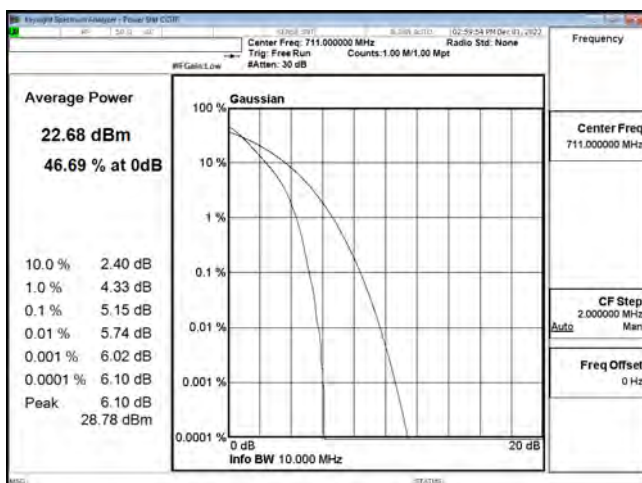
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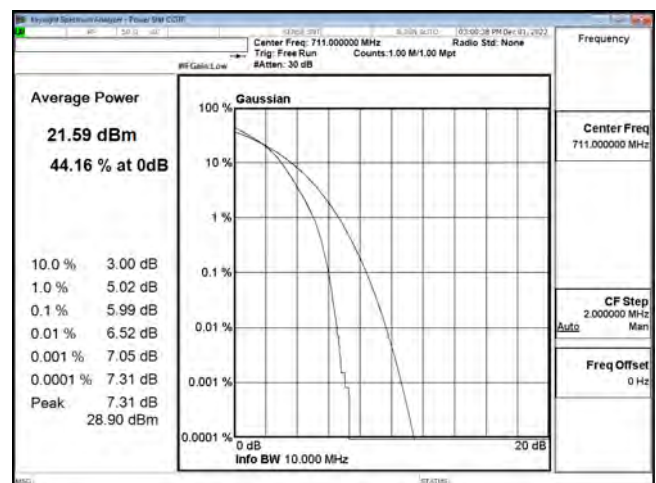
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PTAR B12 10 M CH23095 16QAM



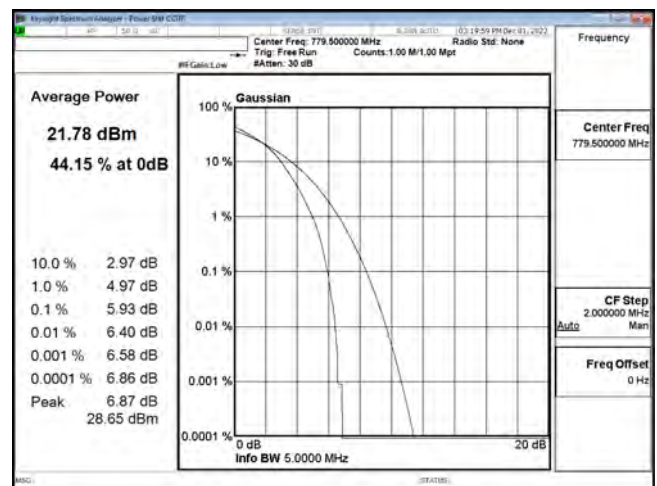
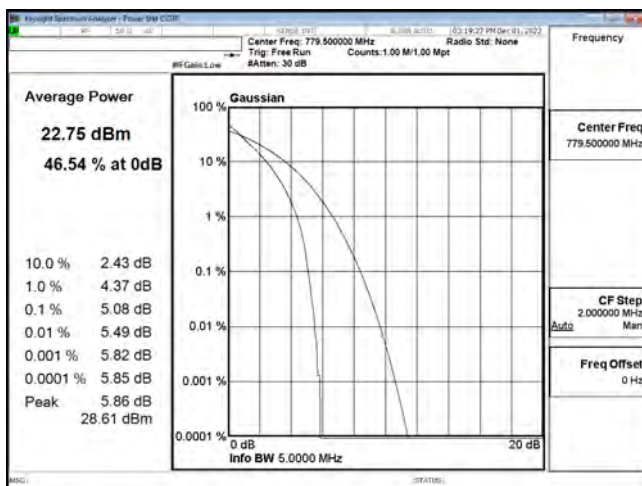
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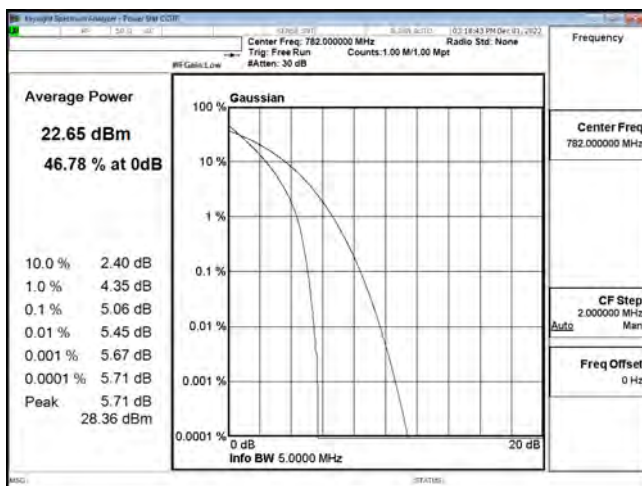
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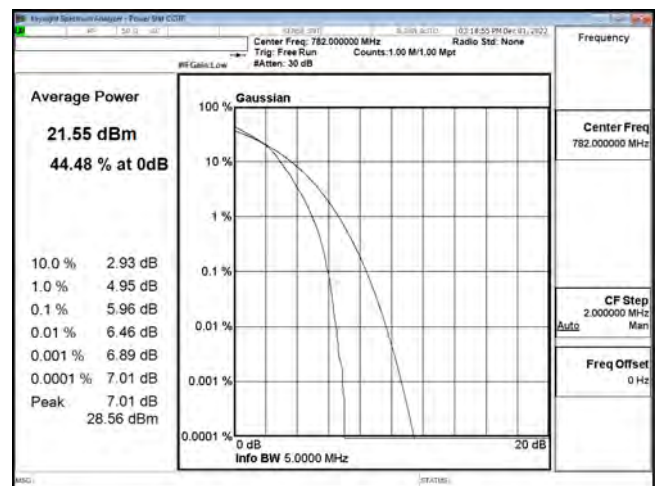
## LTE Band 13



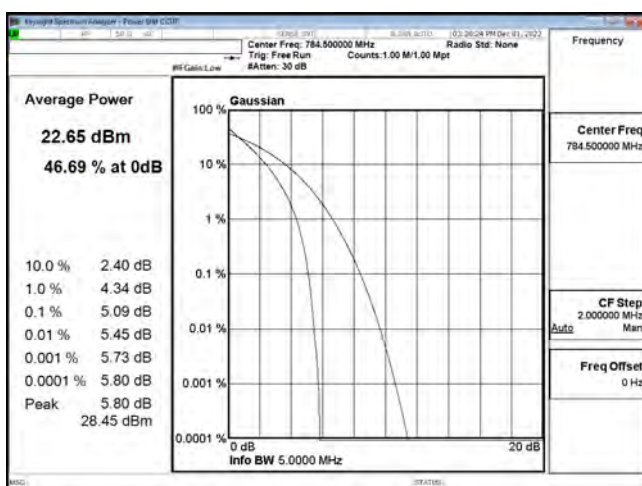
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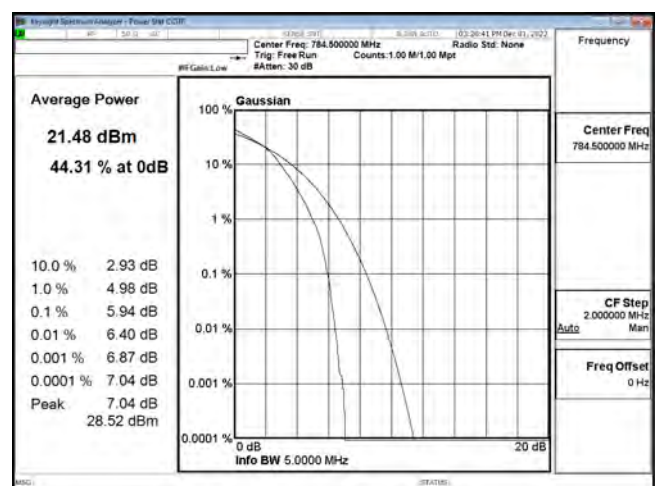
## PTAR B13 5 M CH23205 16QAM



## PTAR B13 5 M CH23230 QPSK



## PTAR B13 5 M CH23230 16QAM

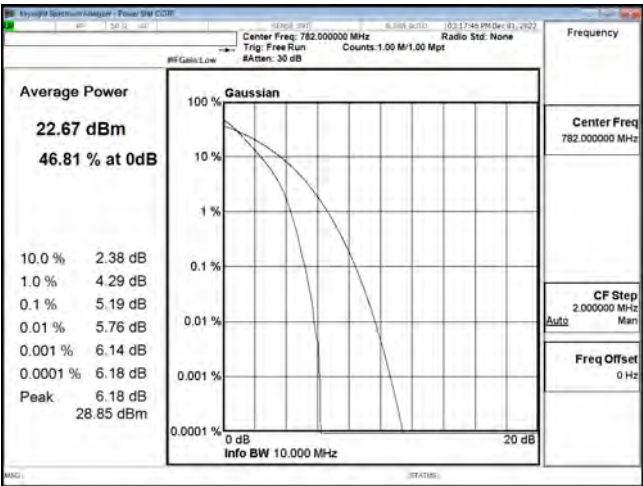


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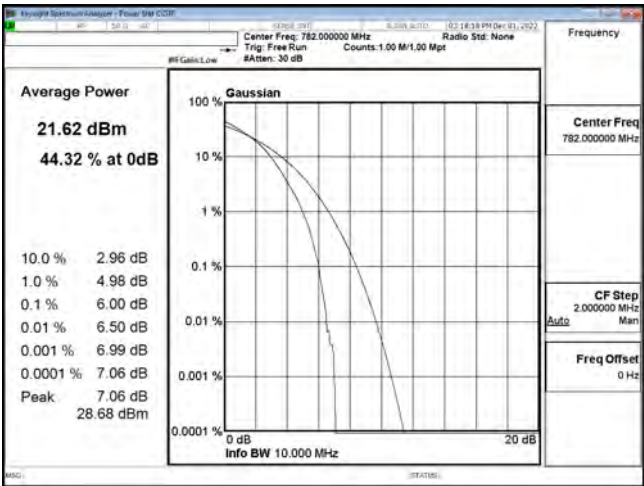


## PTAR B13 5 M CH23255 16QAM





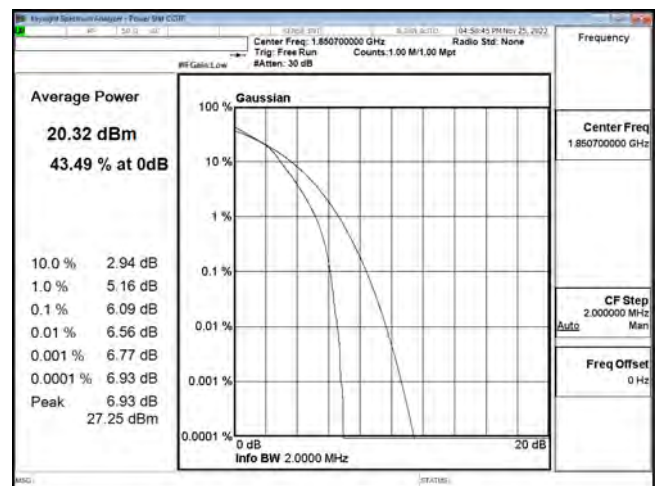
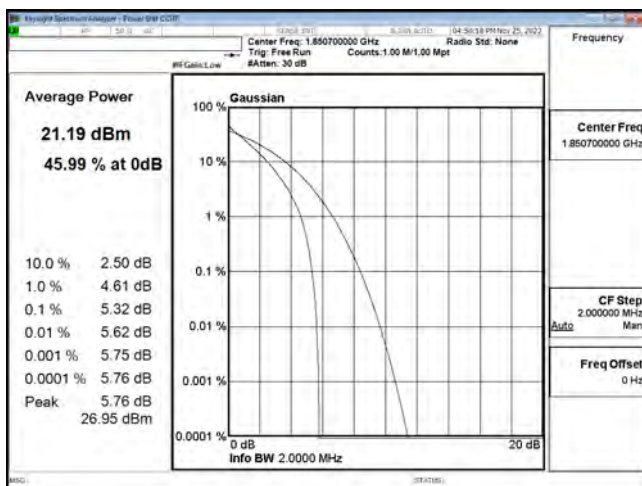
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PTAR B13 10 M CH23230 16QAM

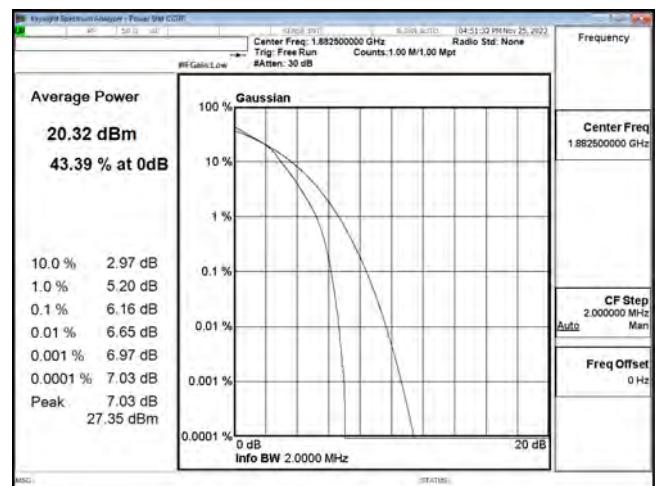
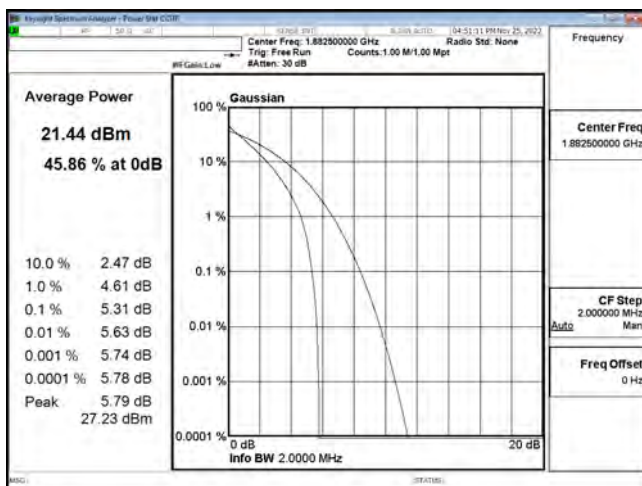


## LTE Band 25



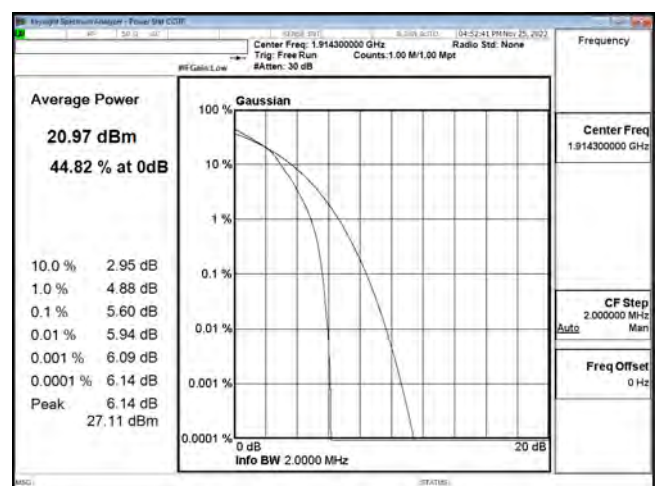
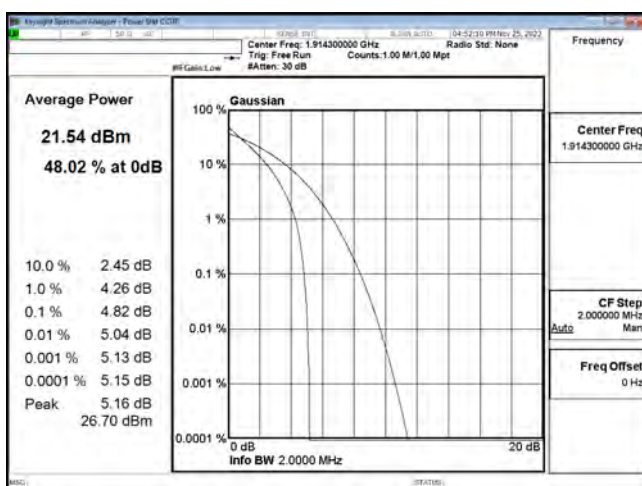
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PTAR B25 1.4 M CH26047 16QAM



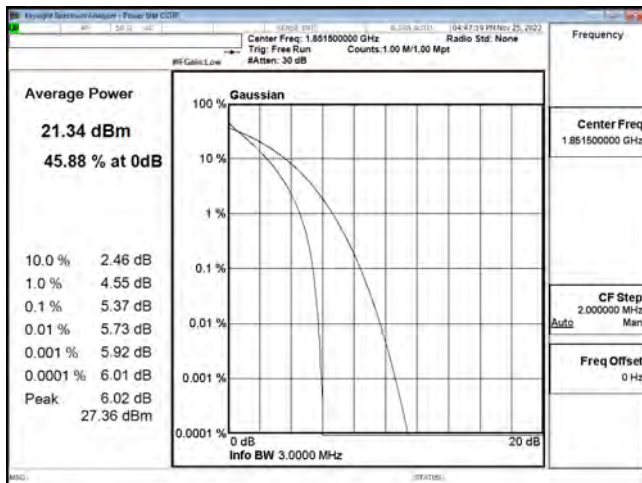
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PTAR B25 1.4 M CH26365 16QAM

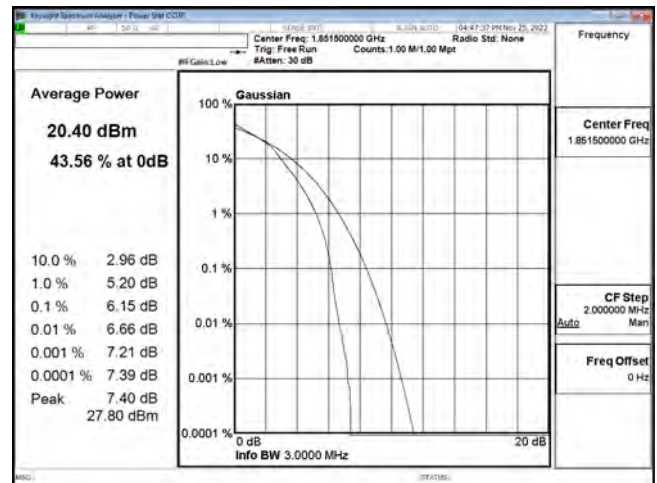


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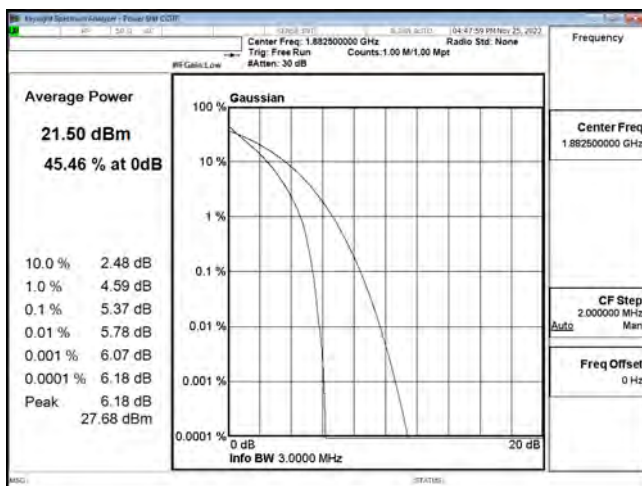
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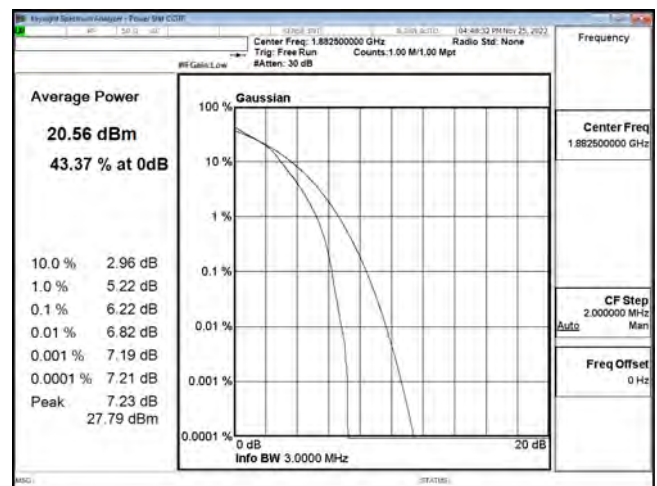
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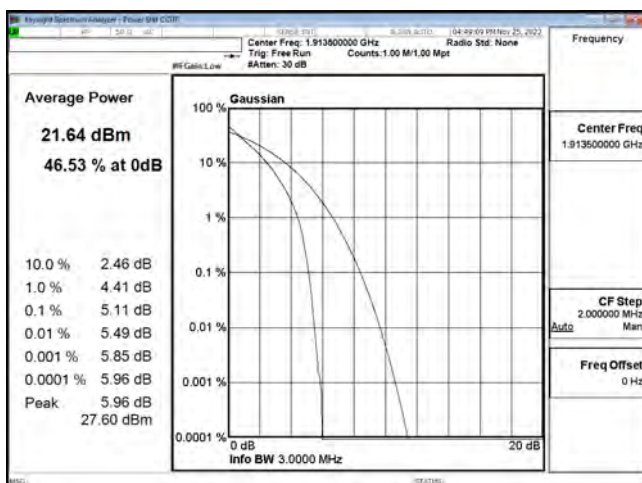
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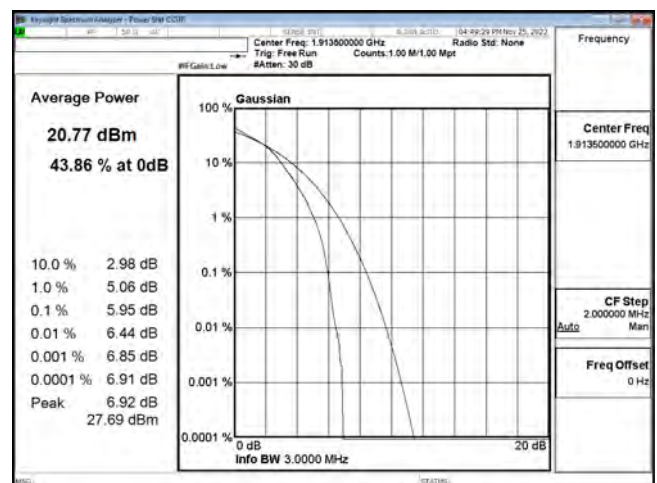
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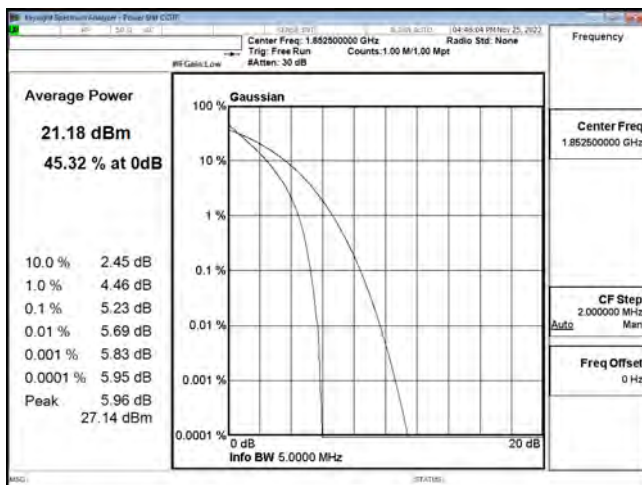
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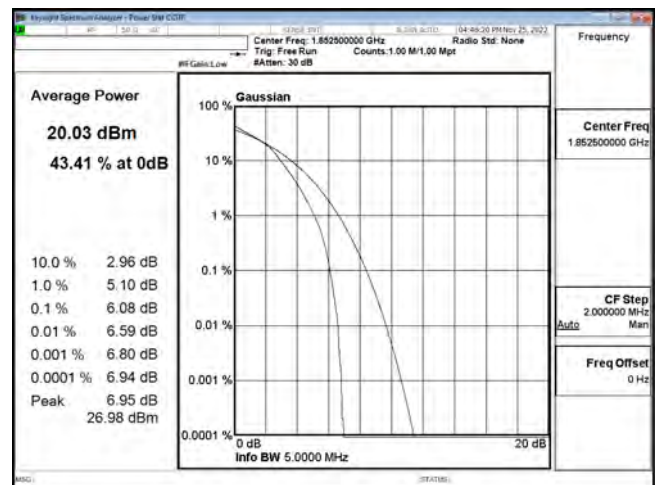
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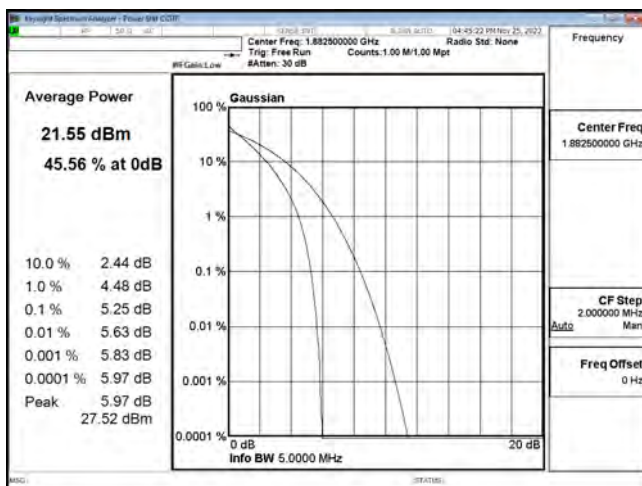
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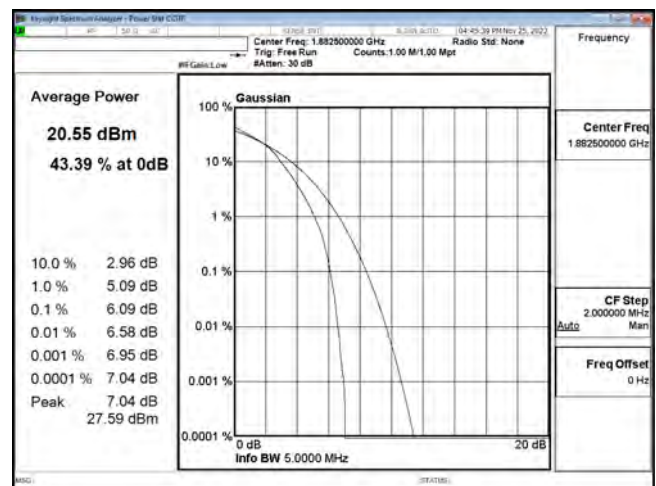
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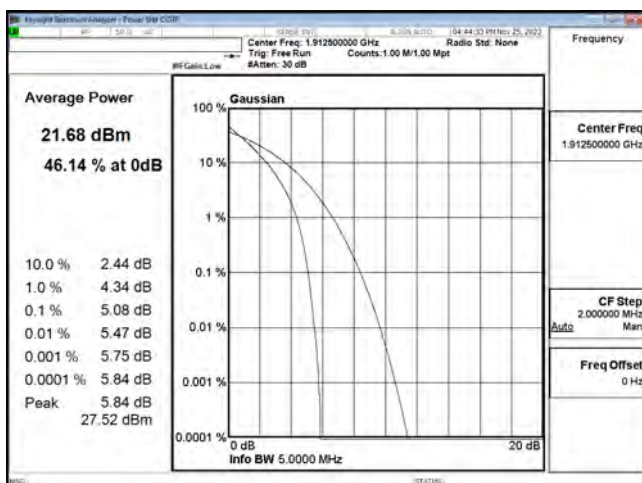
PTAR B25 5 M CH26065 16QAM



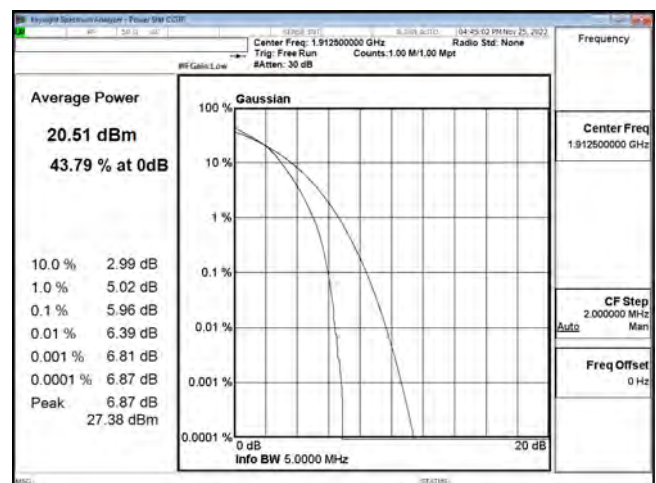
PTAR B25 5 M CH26365 QPSK



PTAR B25 5 M CH26365 16QAM

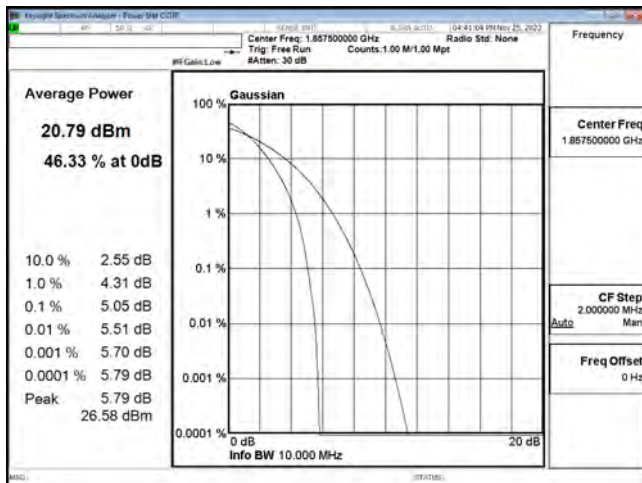


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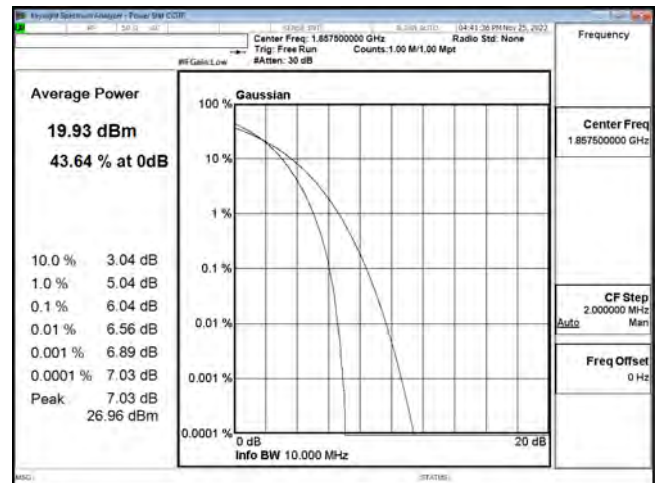


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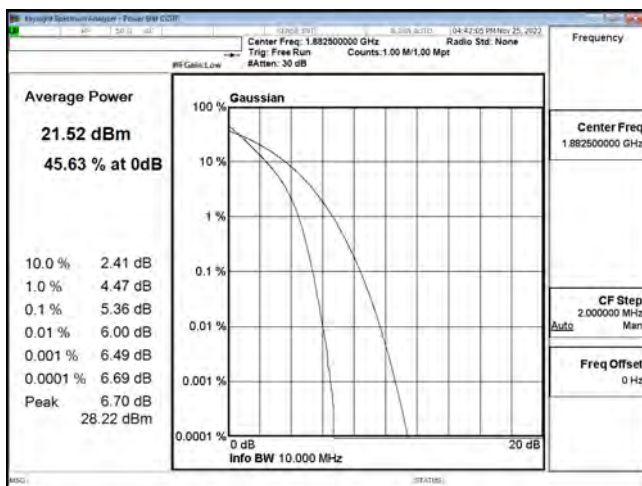




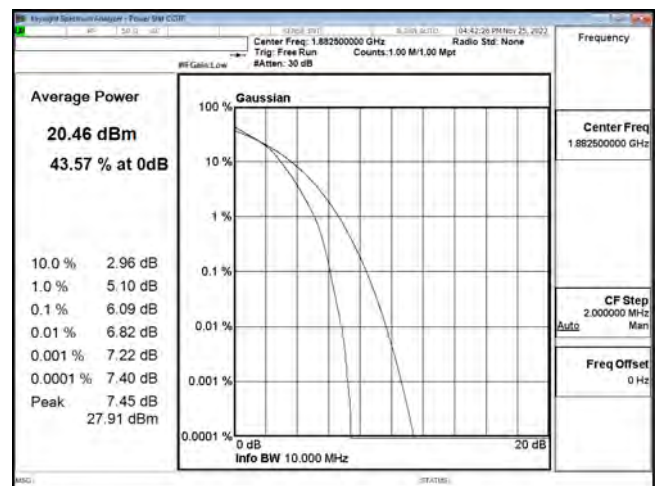
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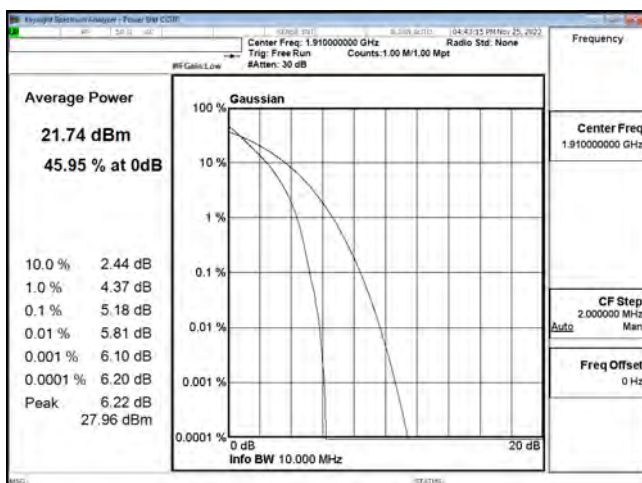
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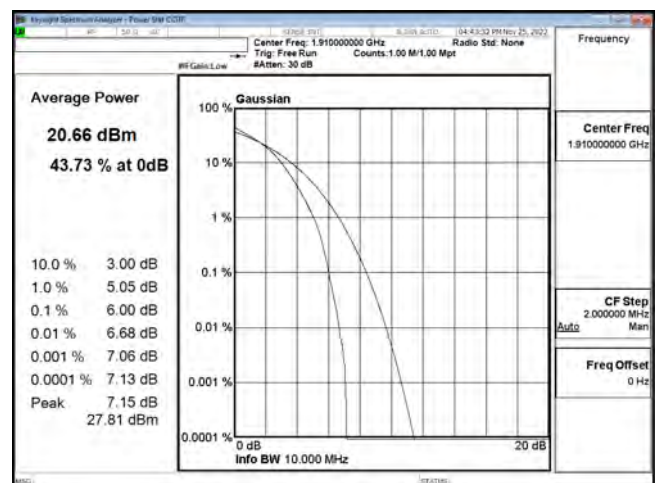
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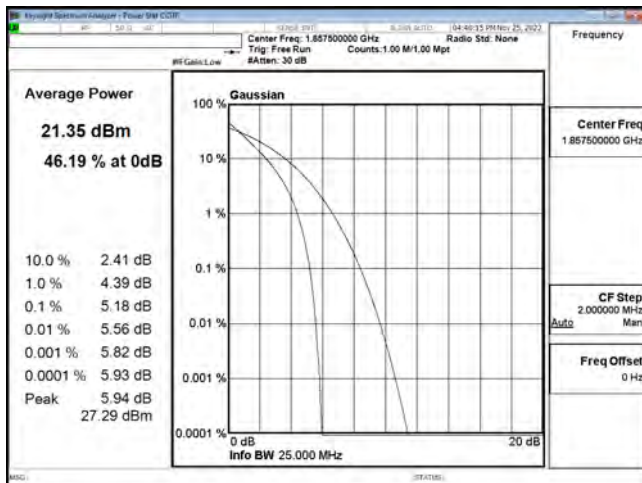
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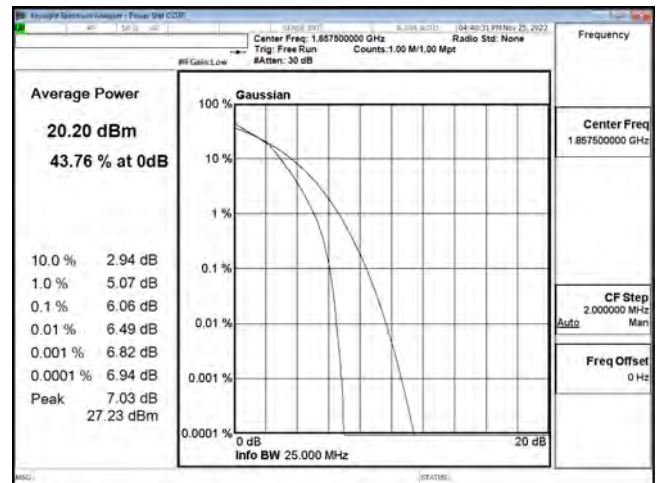
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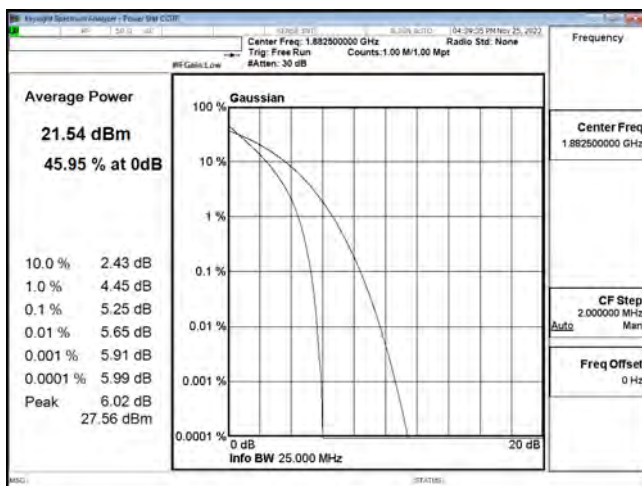
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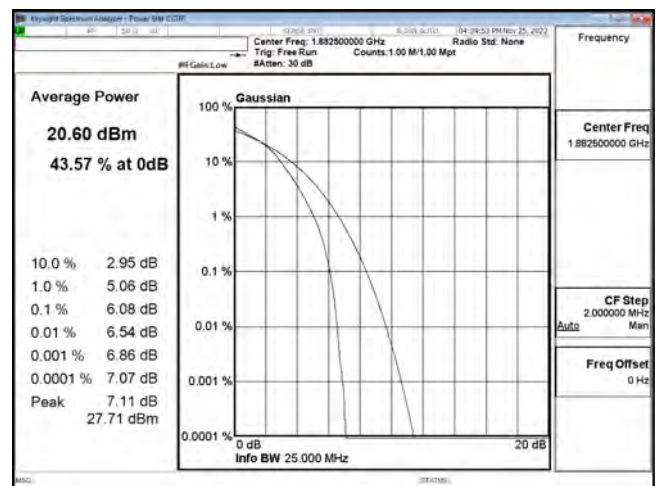
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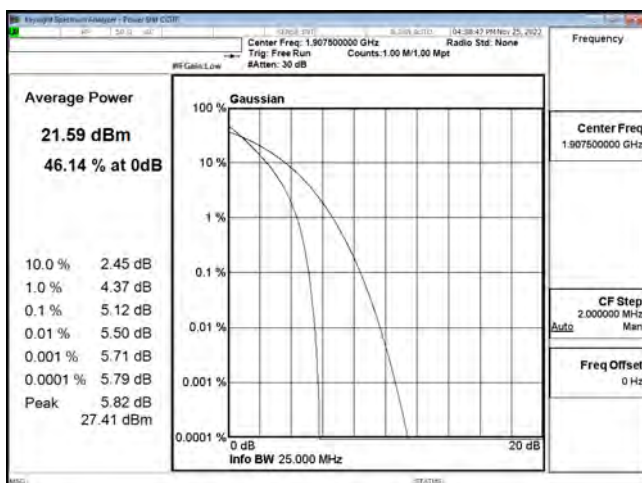
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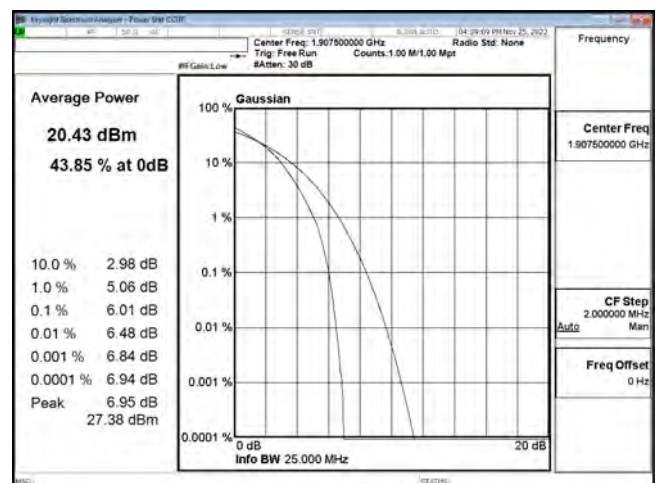
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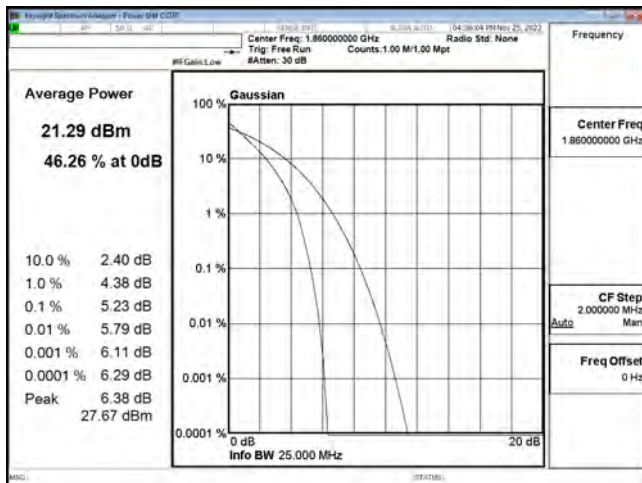
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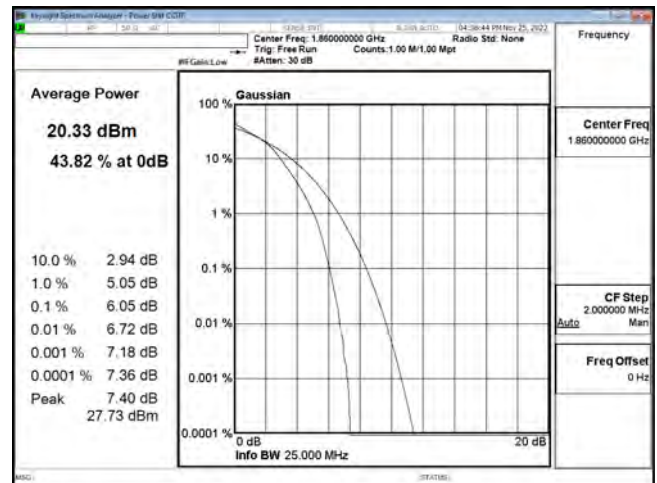
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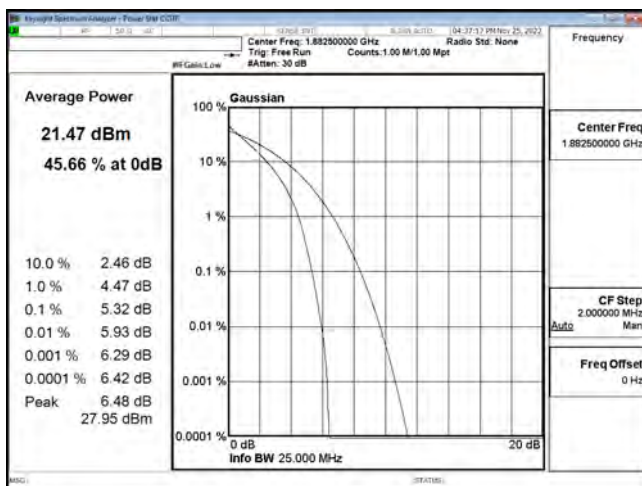
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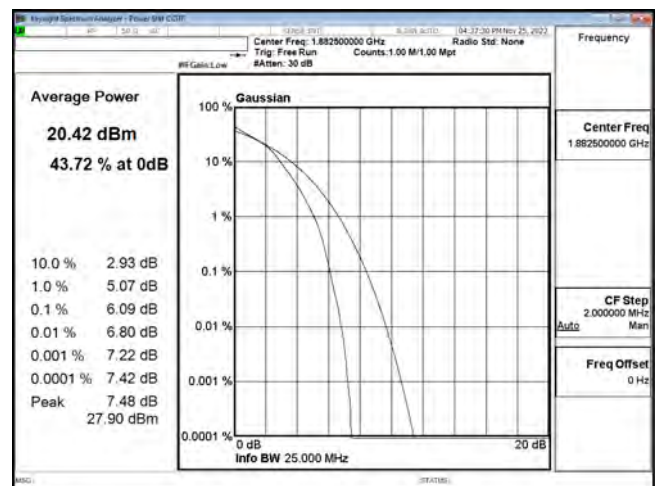
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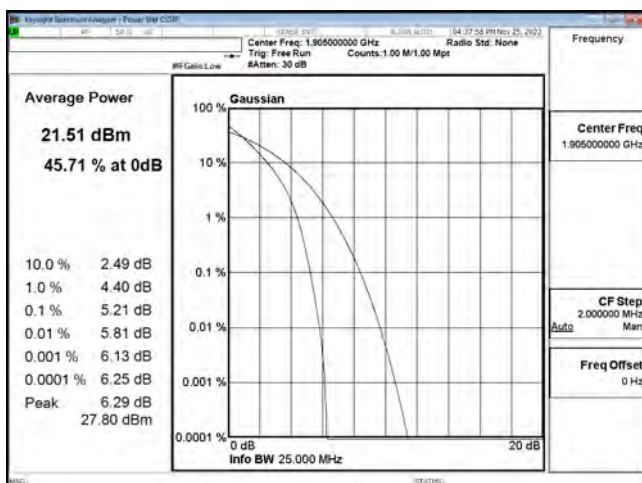
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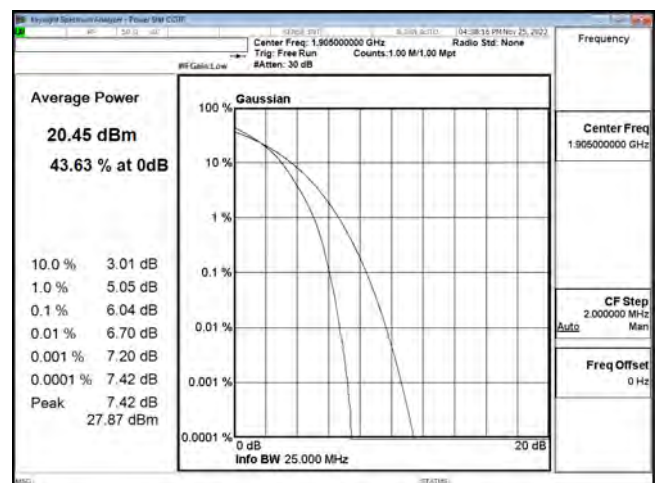
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PTAR B25 20 M CH26365 16QAM



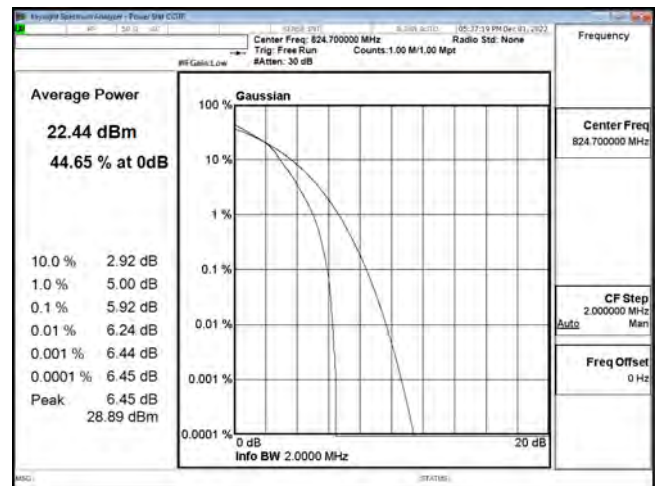
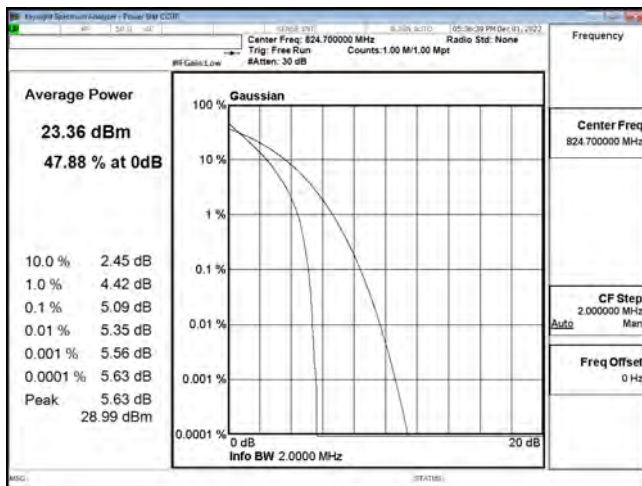
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PTAR B25 20 M CH26590 16QAM

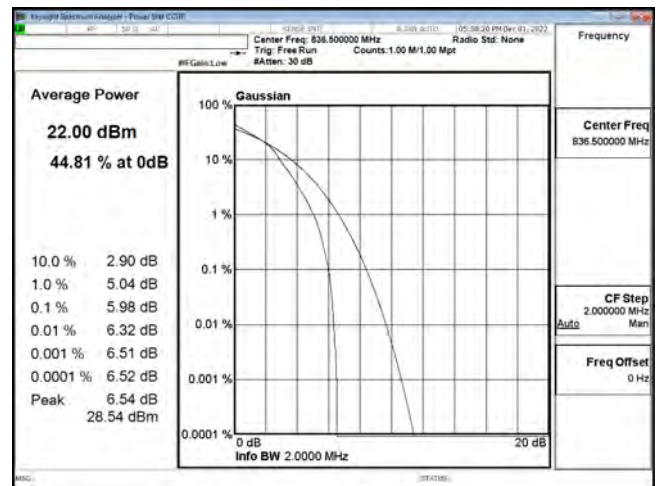
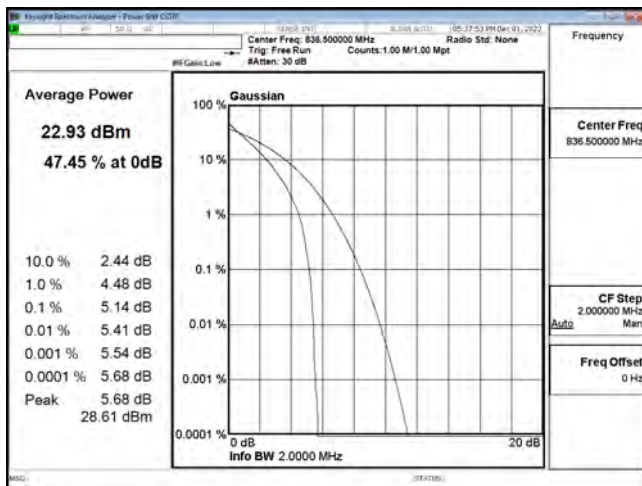


## LTE Band 26



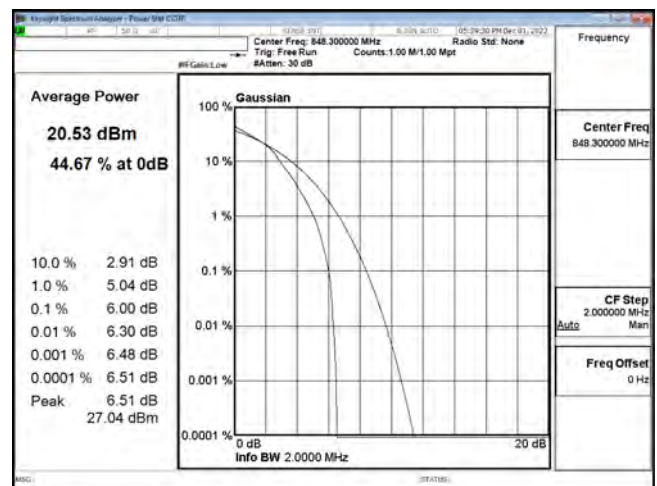
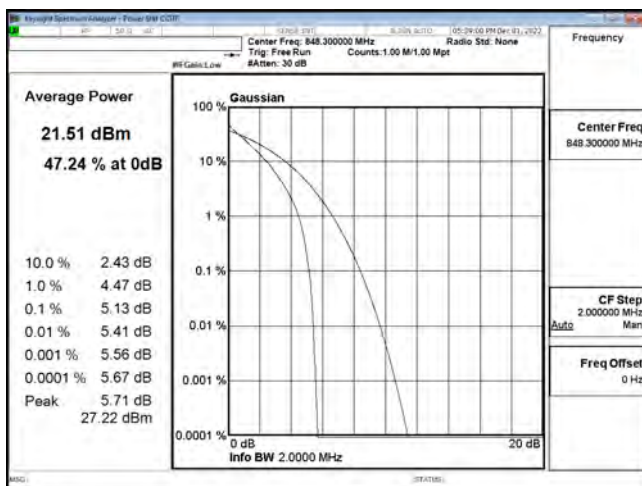
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PTAR B26 1.4 M CH26797 16QAM



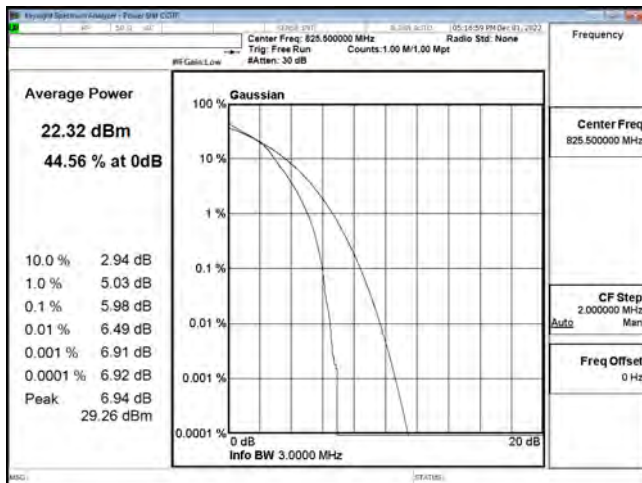
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PTAR B26 1.4 M CH26915 16QAM

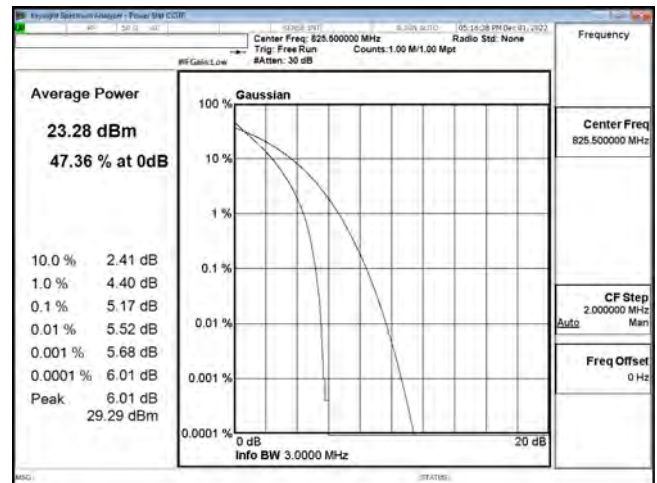


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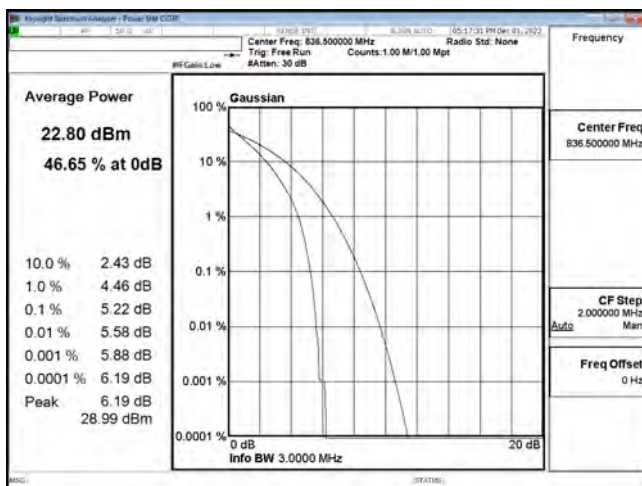
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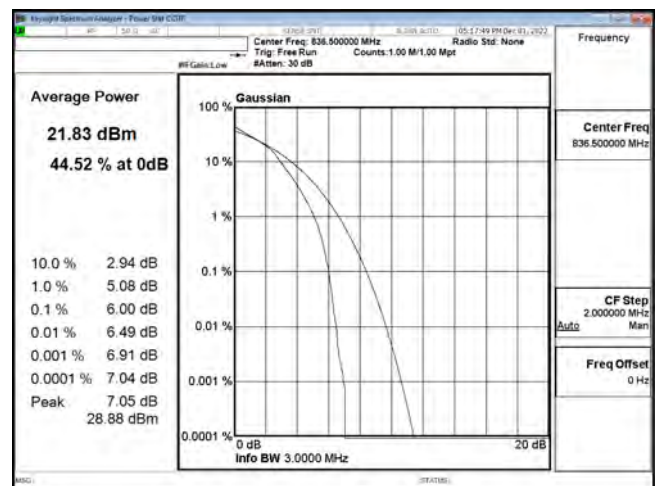
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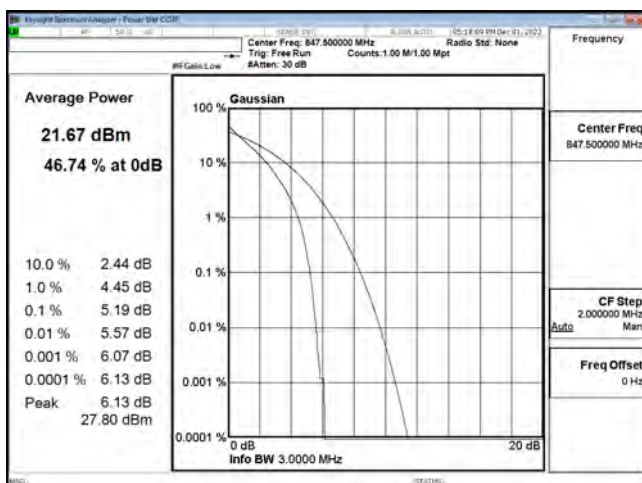
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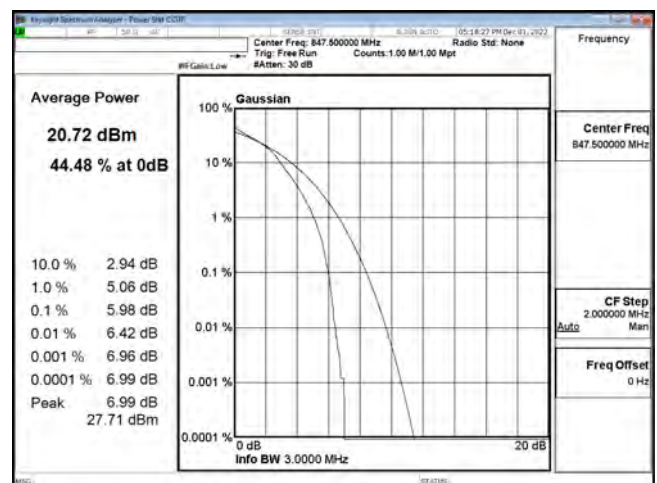
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PTAR B26 3 M CH26915 16QAM

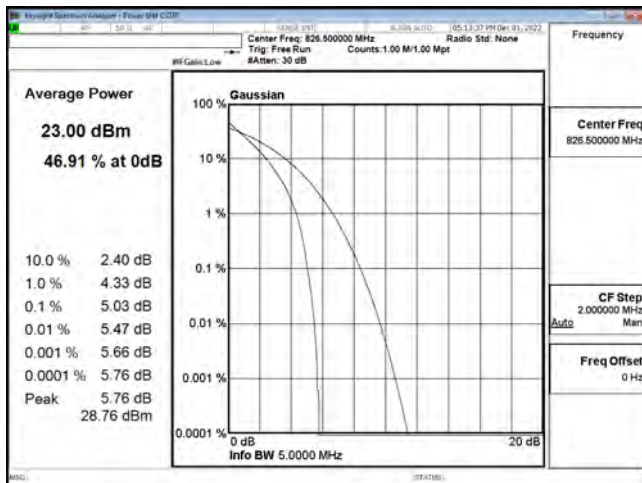


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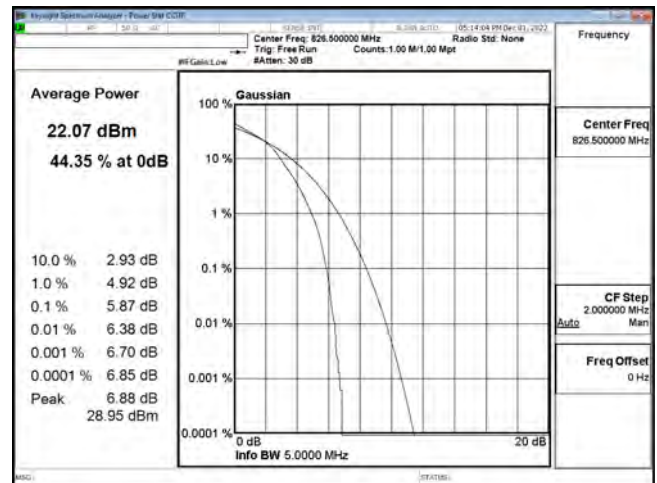


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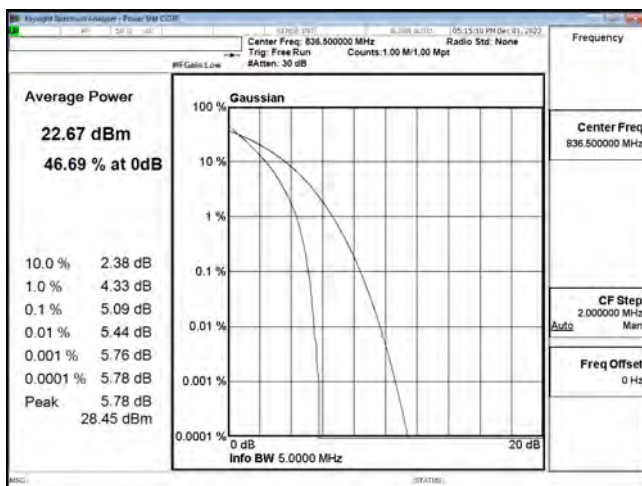




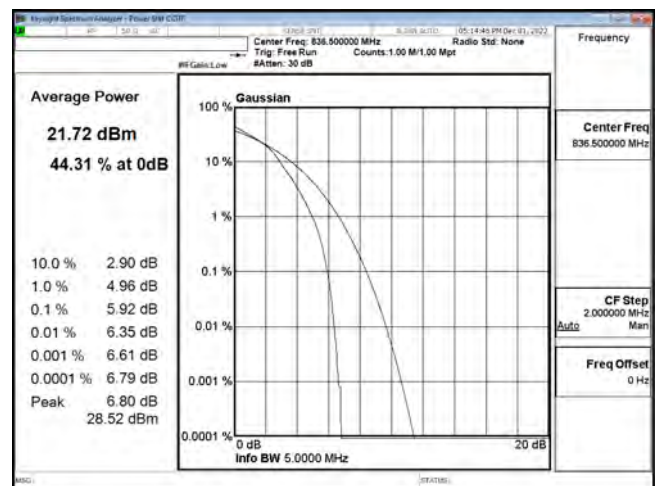
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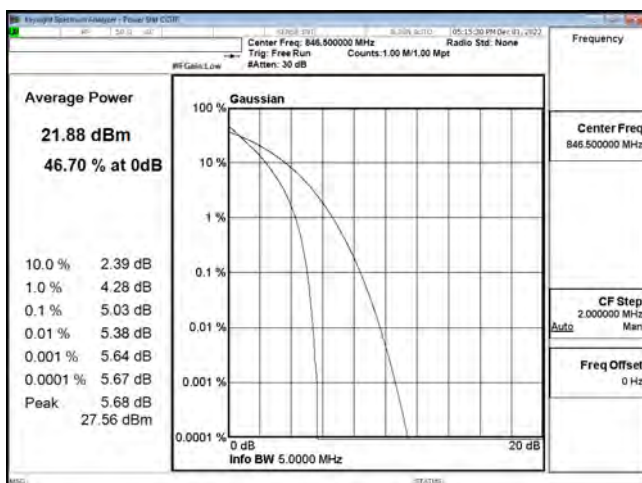
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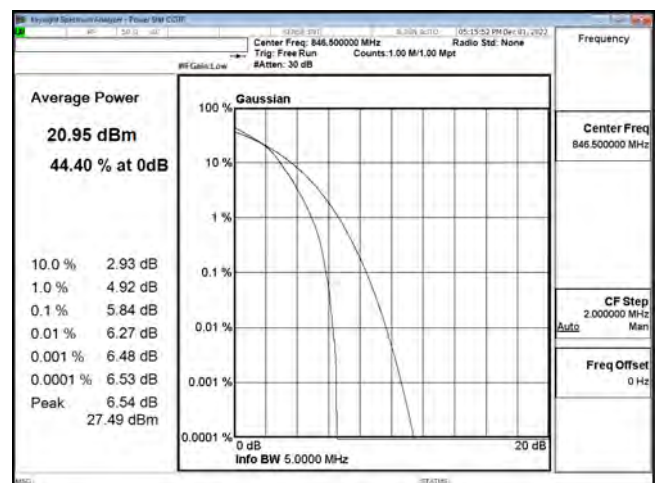
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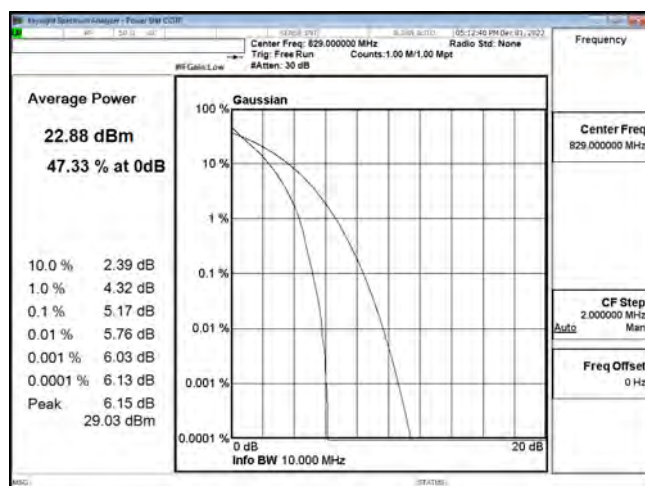
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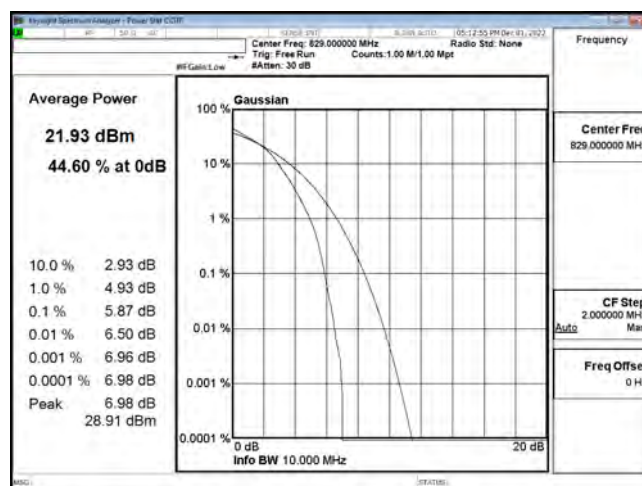
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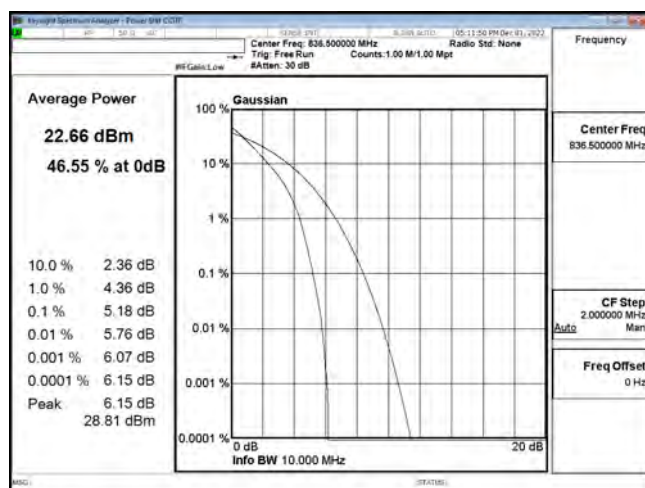
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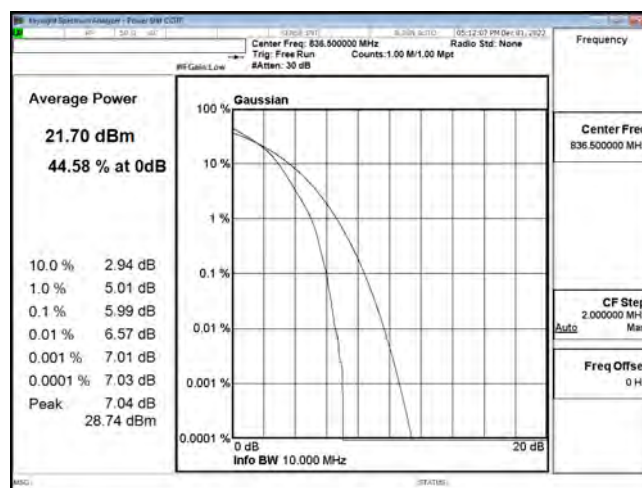
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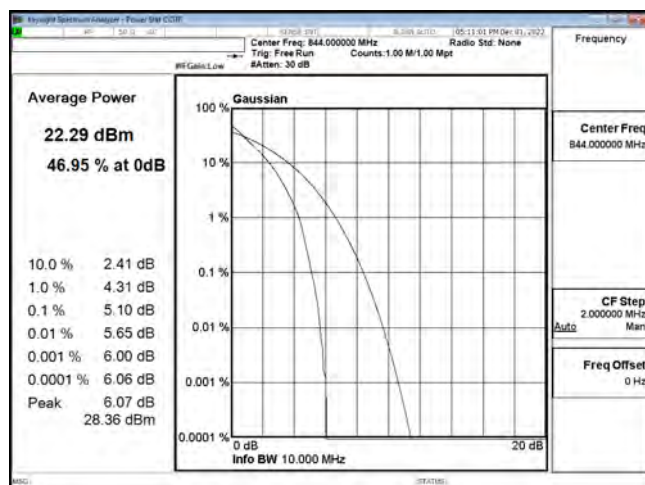
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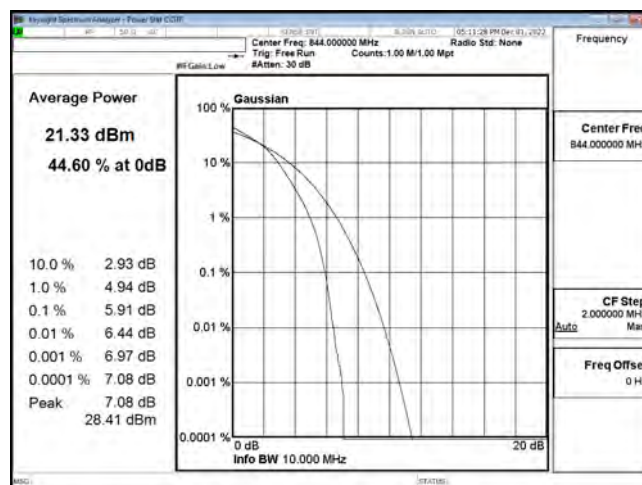
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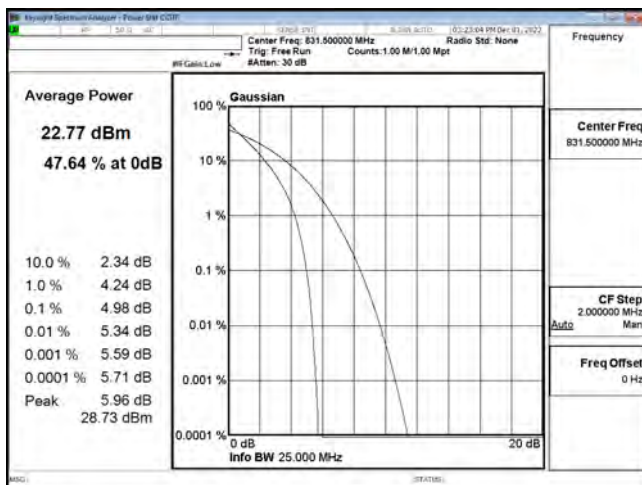
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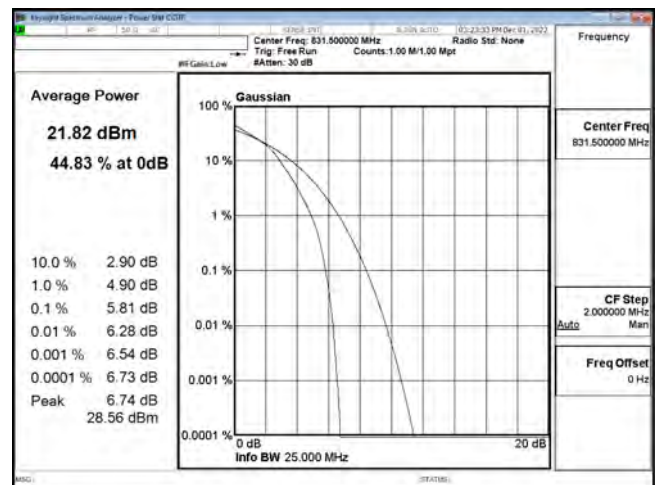
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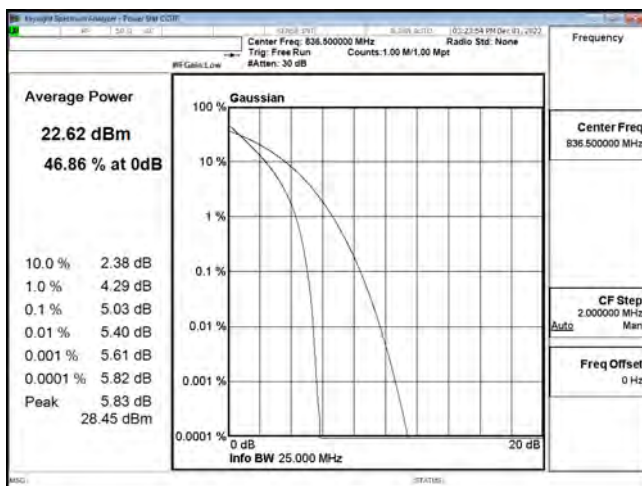
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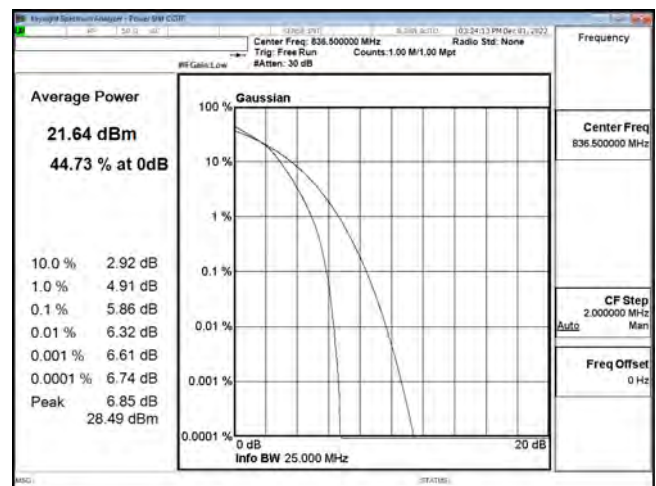
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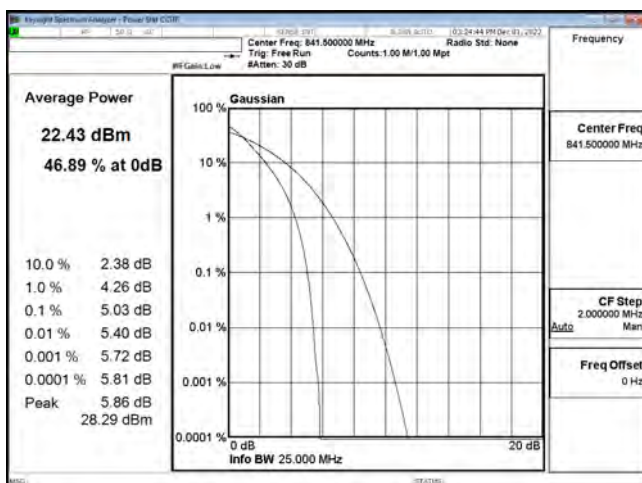
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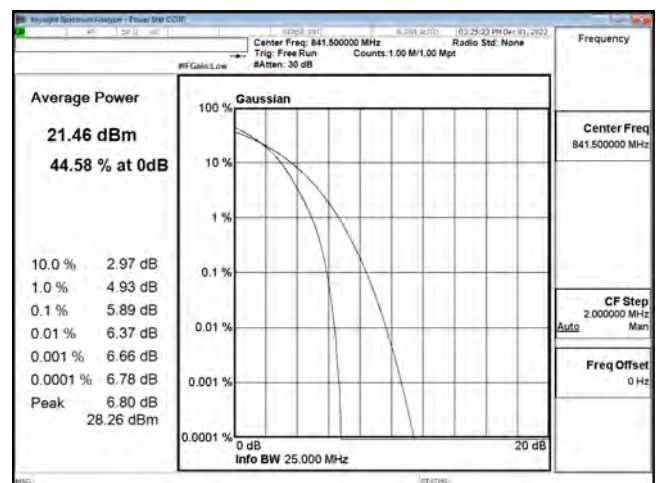
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PTAR B26 15 M CH26915 16QAM



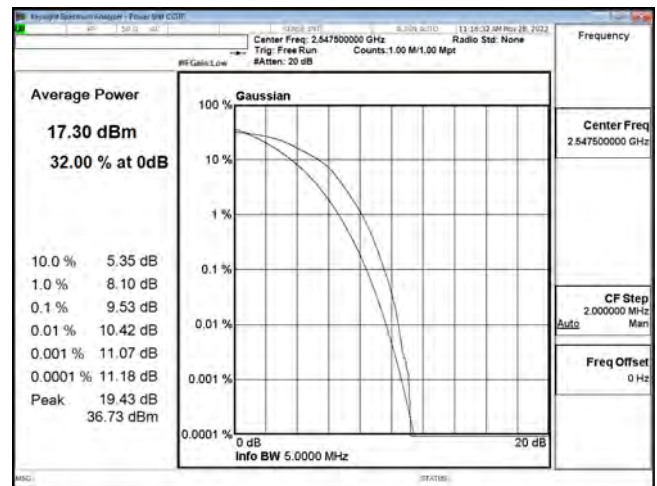
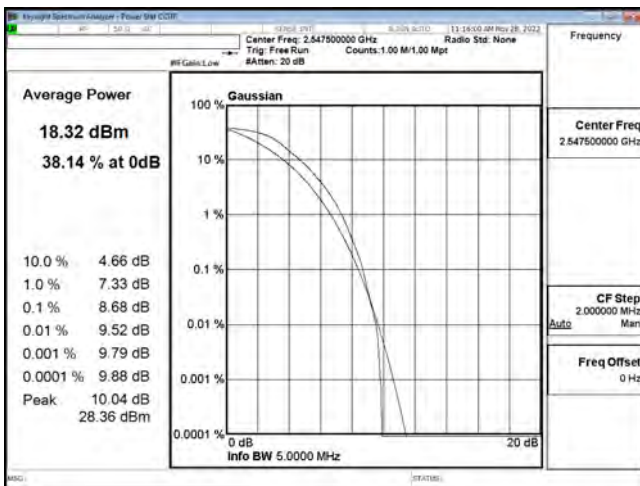
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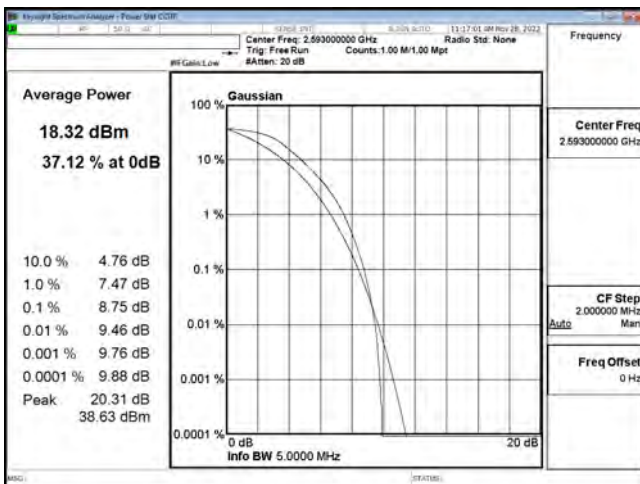
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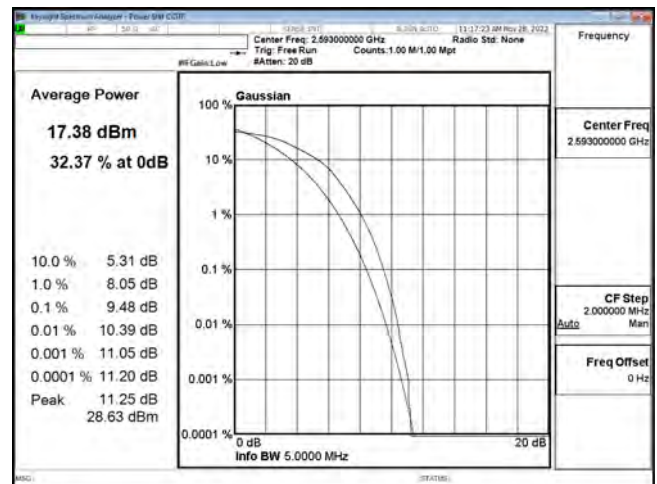
## LTE Band 41



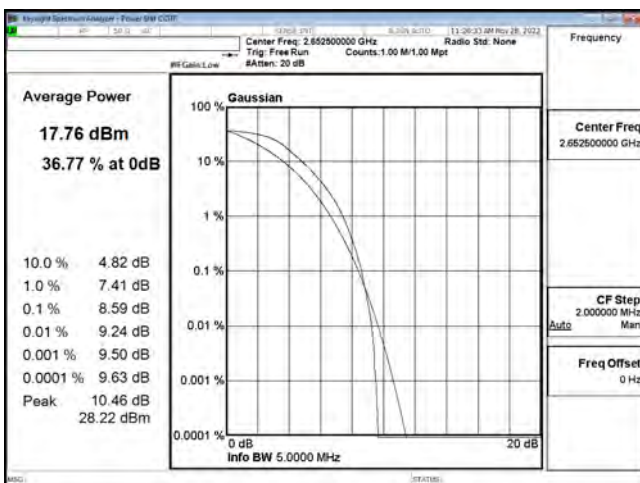
## PTAR B41 5 M CH40165 QPSK



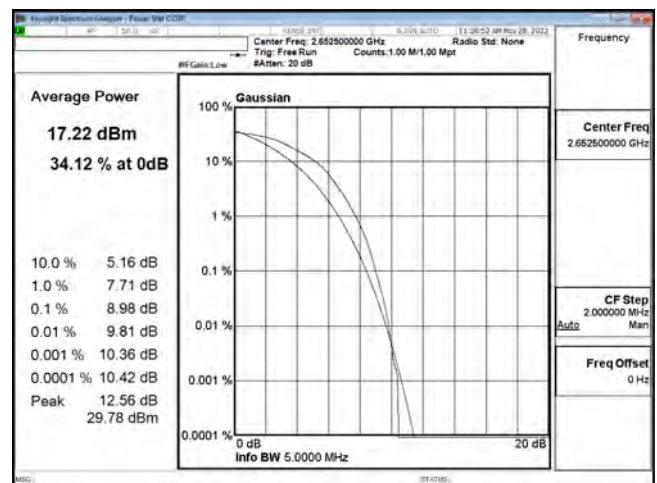
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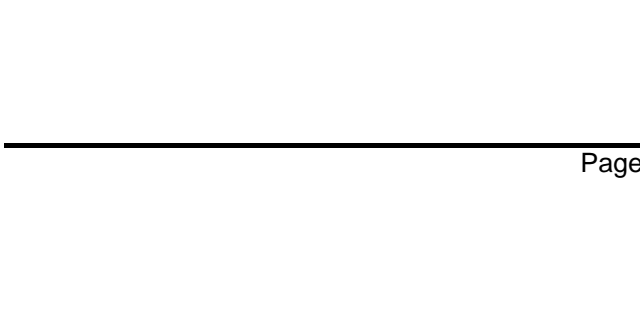
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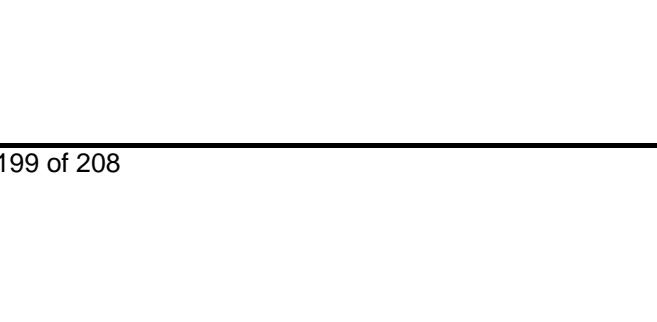
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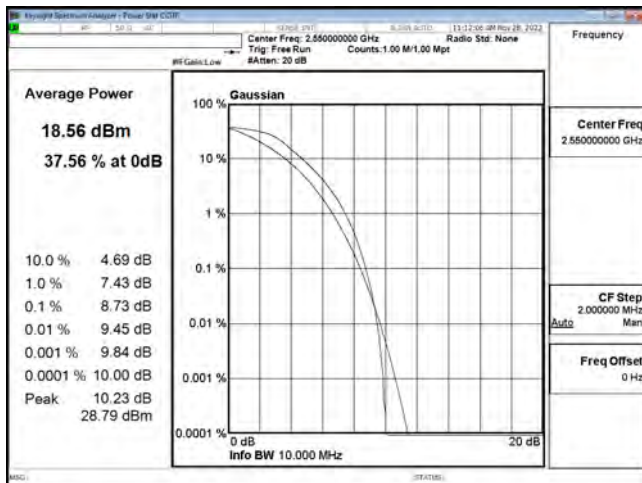


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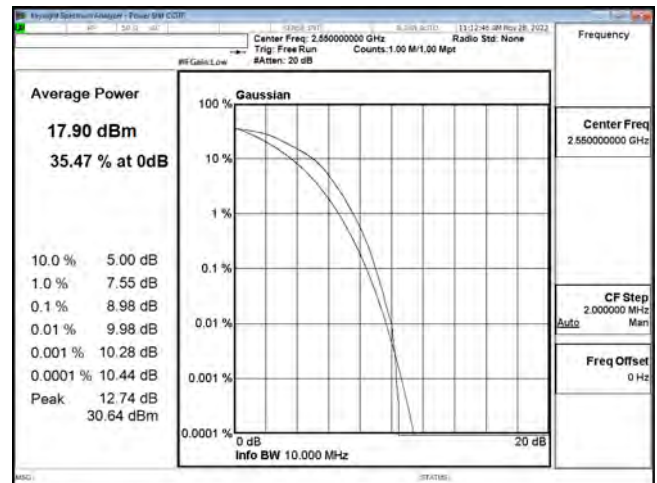


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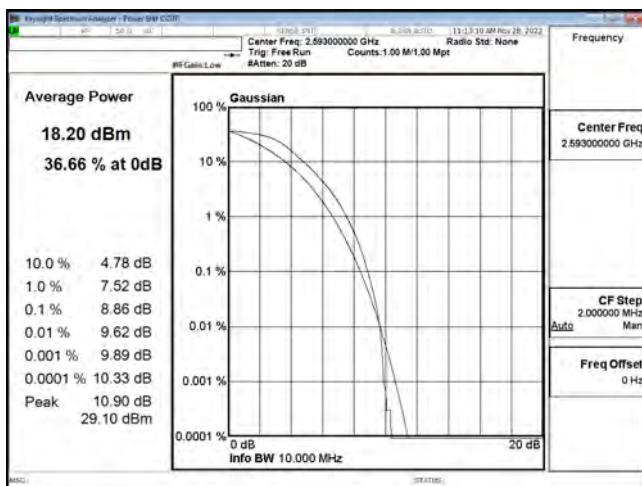




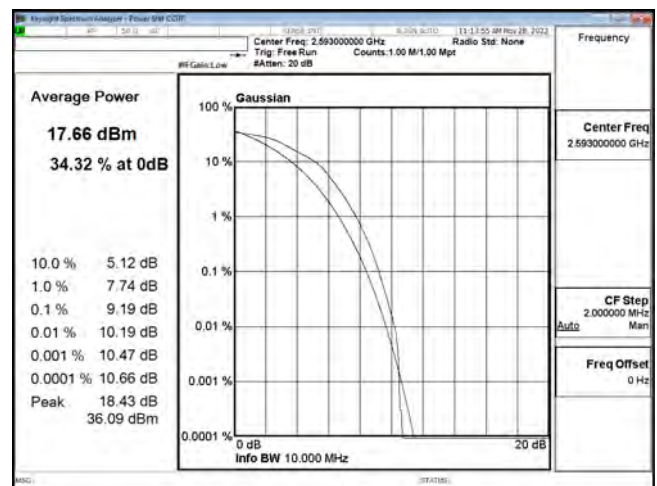
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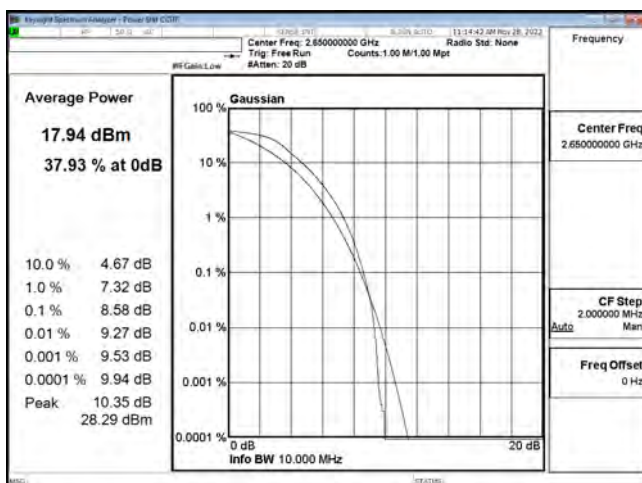
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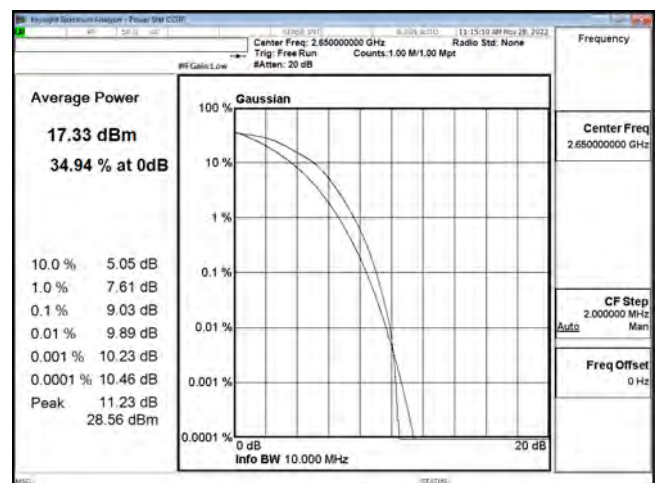
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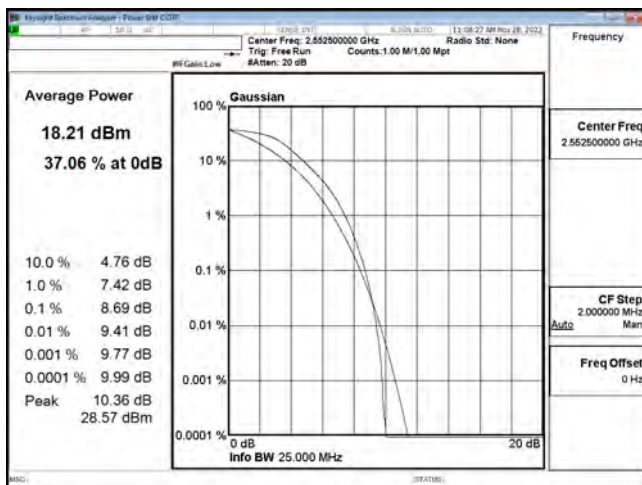
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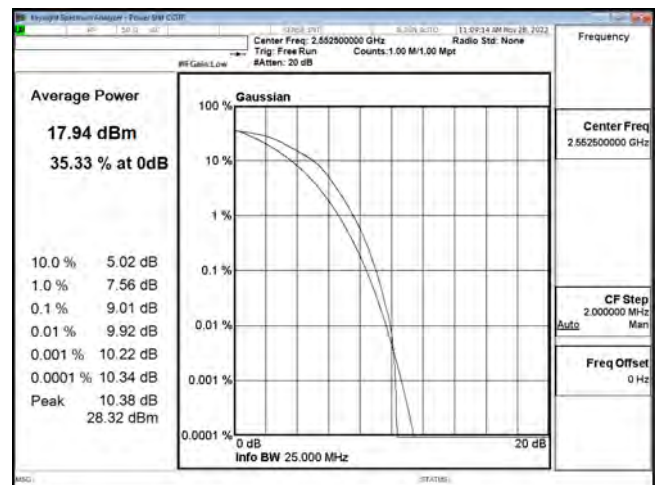
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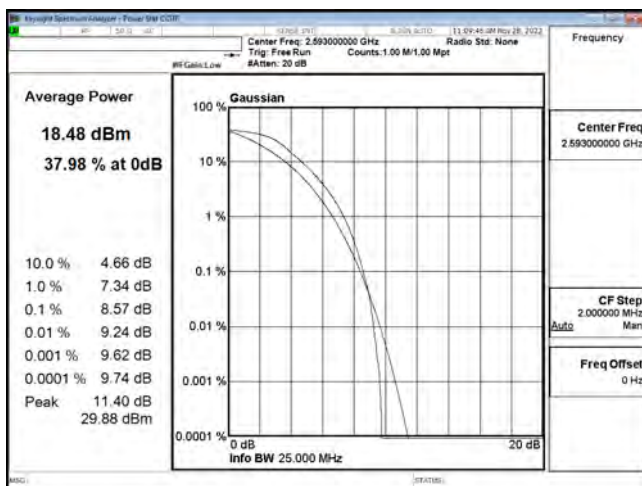
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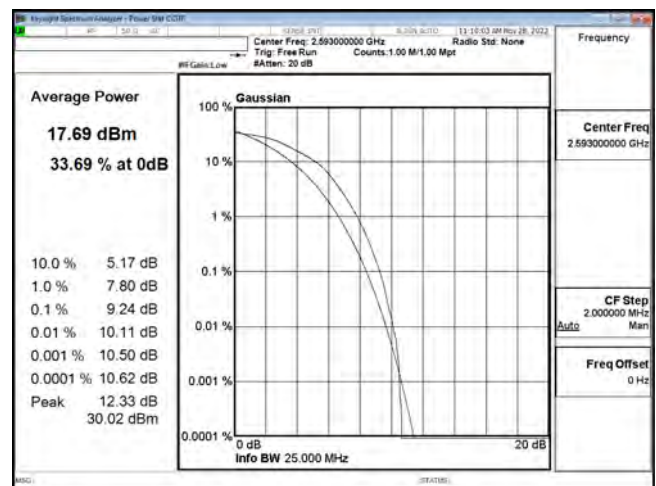
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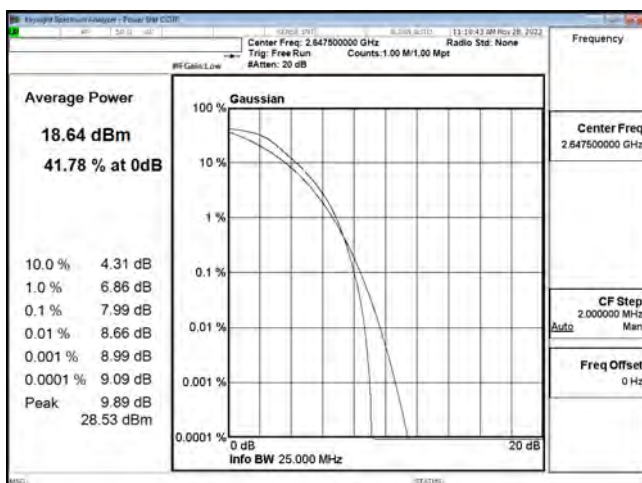
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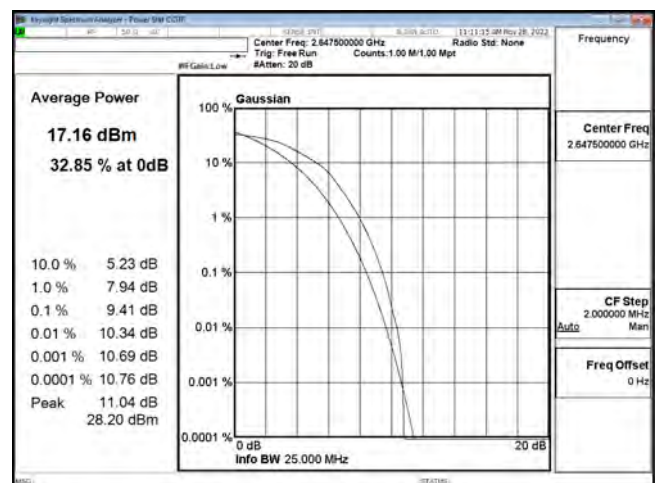
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PTAR B41 15 M CH40620 16QAM

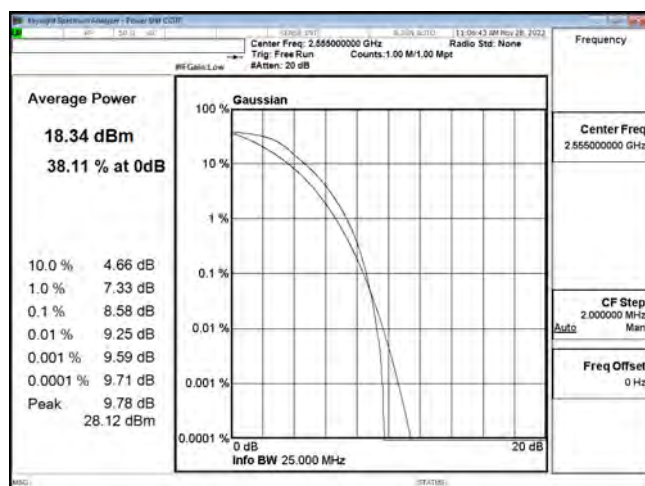


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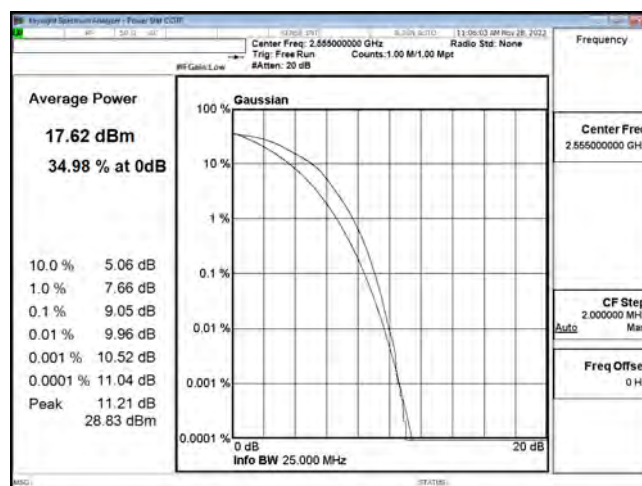


PTAR B41 15 M CH41165 16QAM

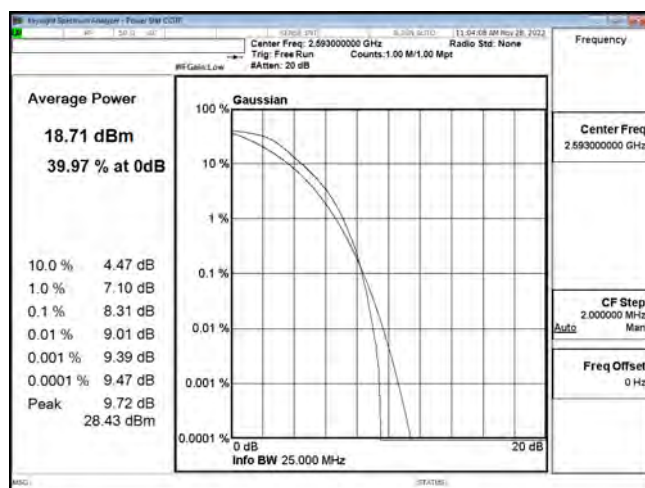




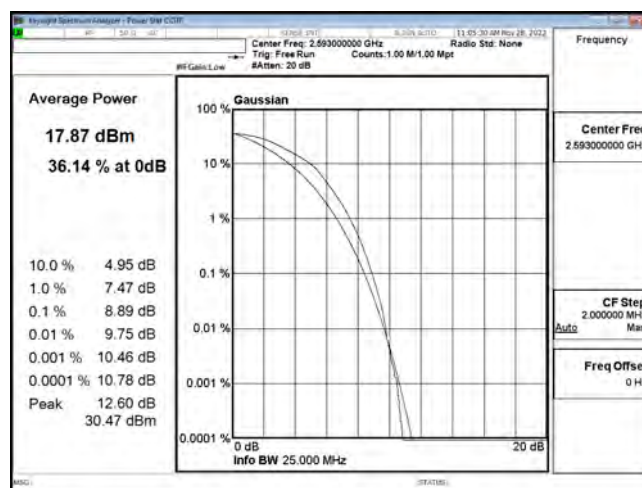
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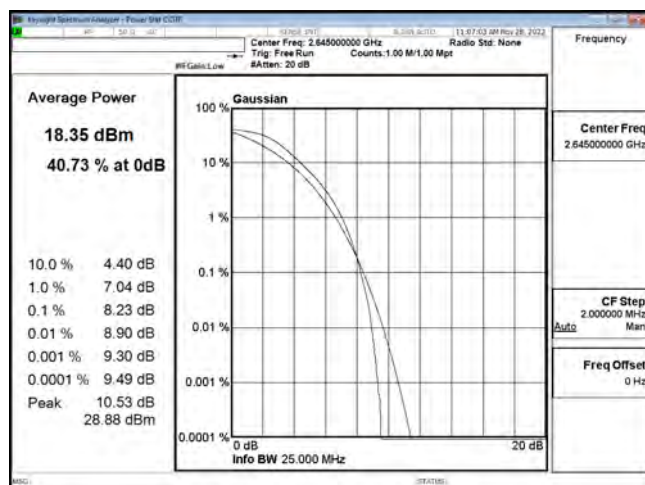
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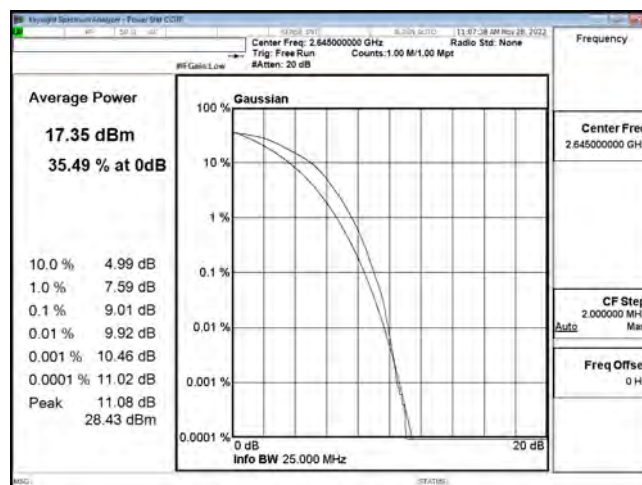
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PTAR B41 20 M CH40620 16QAM



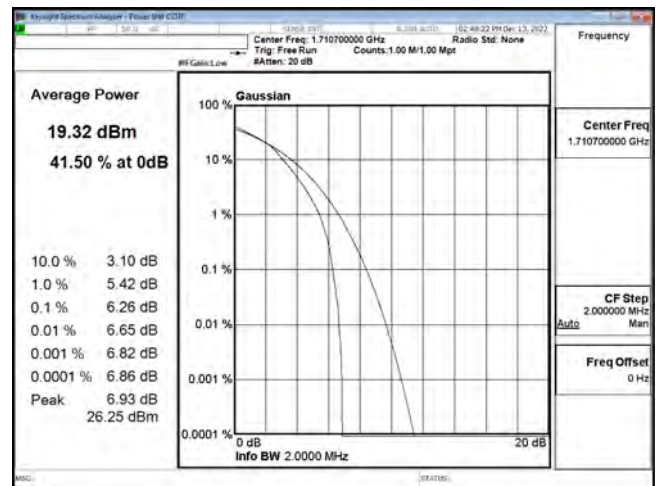
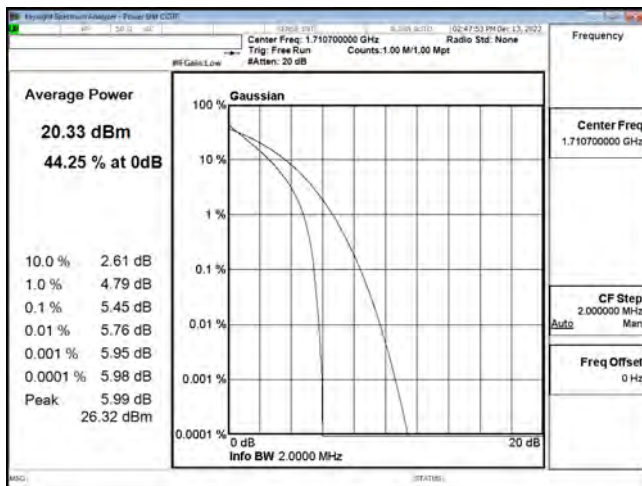
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PTAR B41 20 M CH41140 16QAM

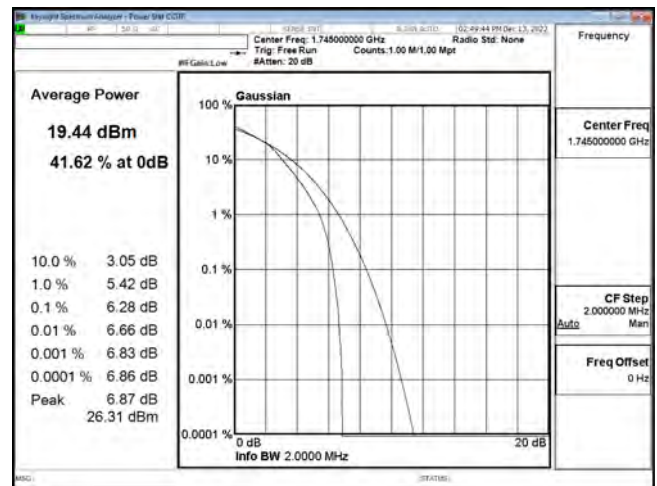
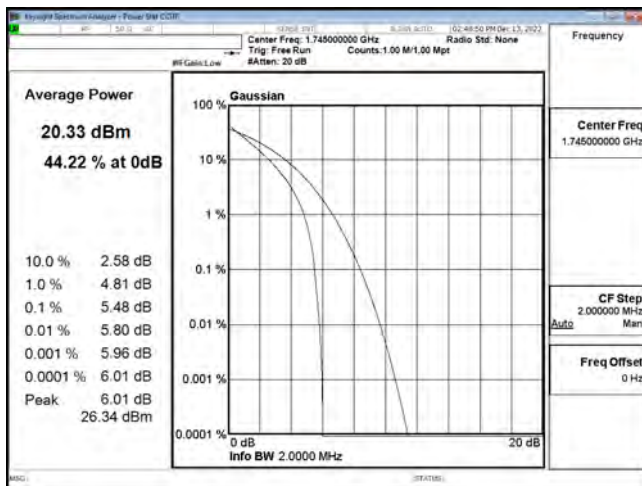


## LTE Band 66



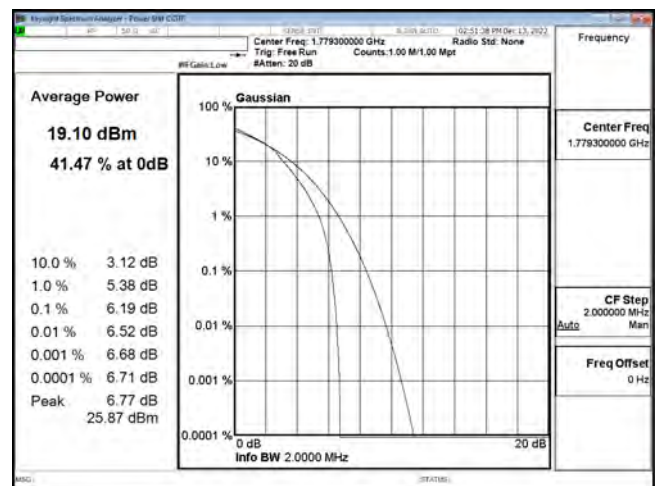
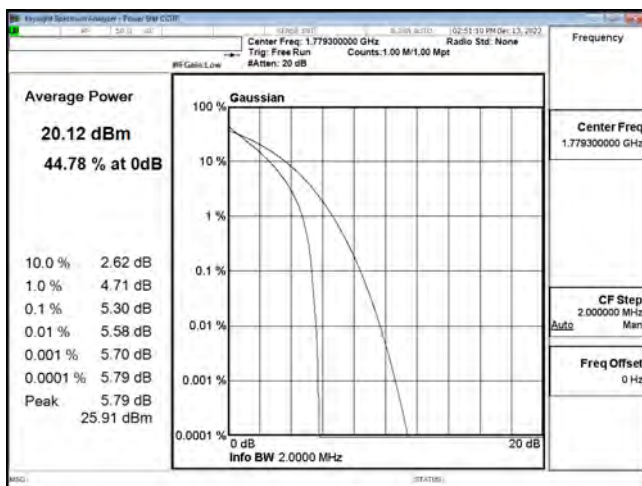
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PTAR B66 1.4 M CH131979 16QAM



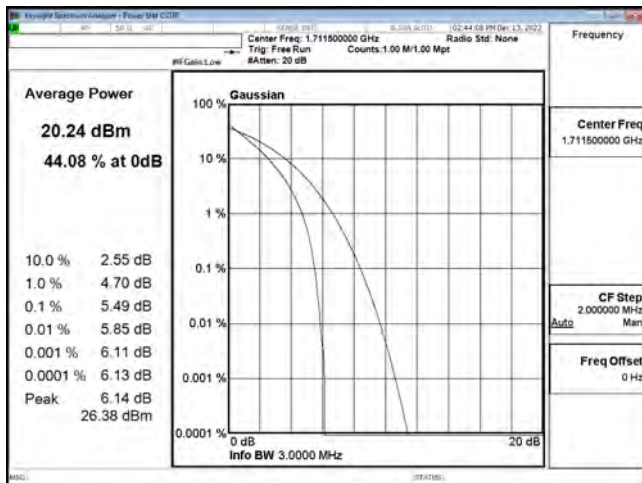
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PTAR B66 1.4 M CH132322 16QAM

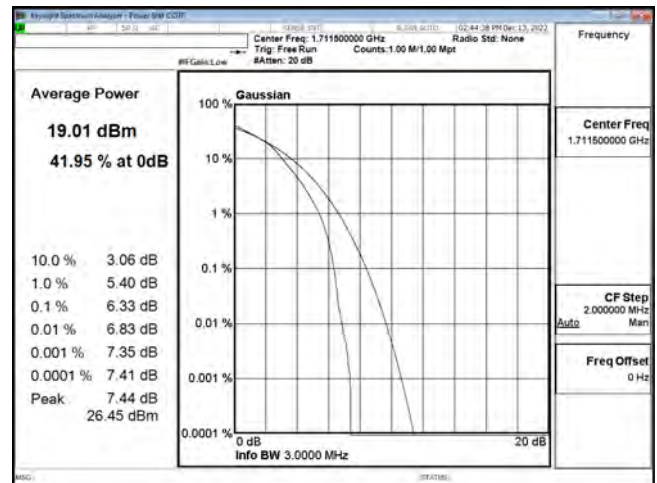


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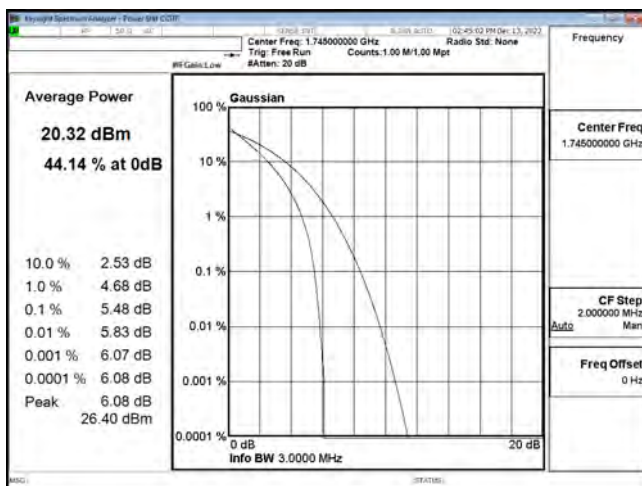
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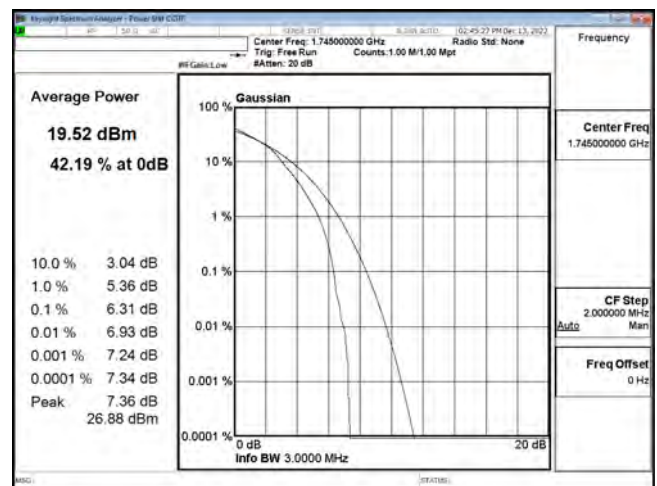
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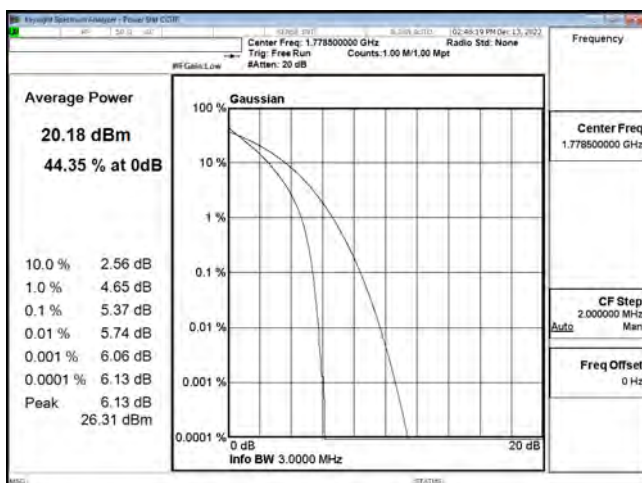
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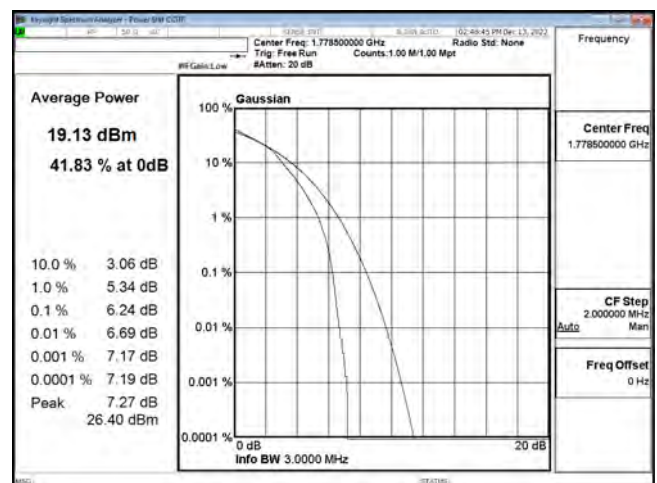
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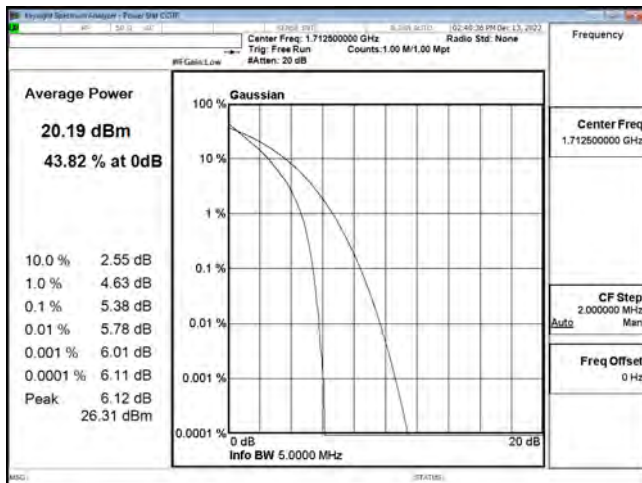
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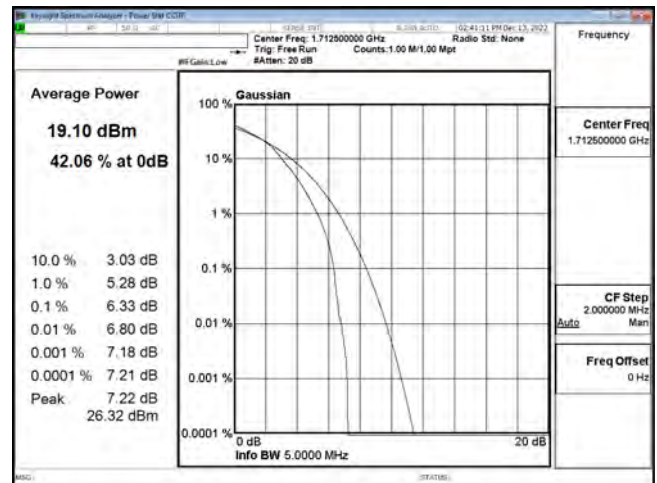
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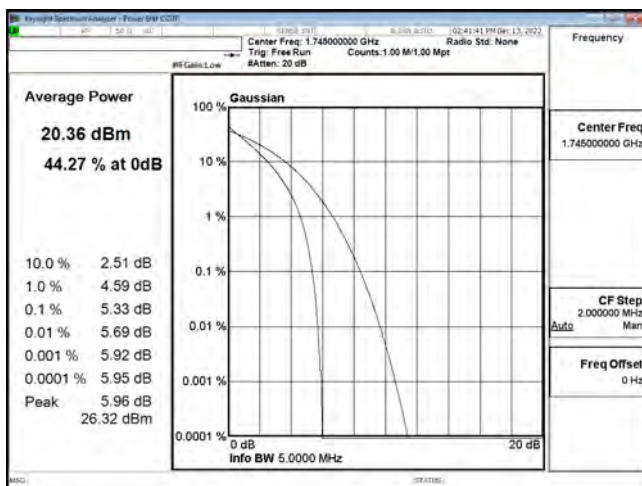
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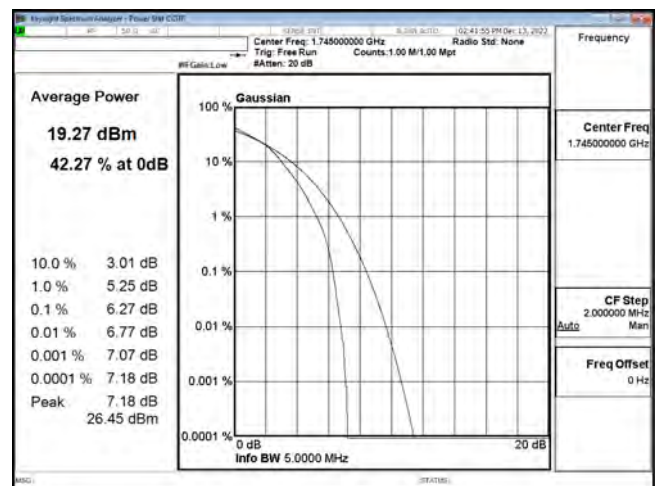
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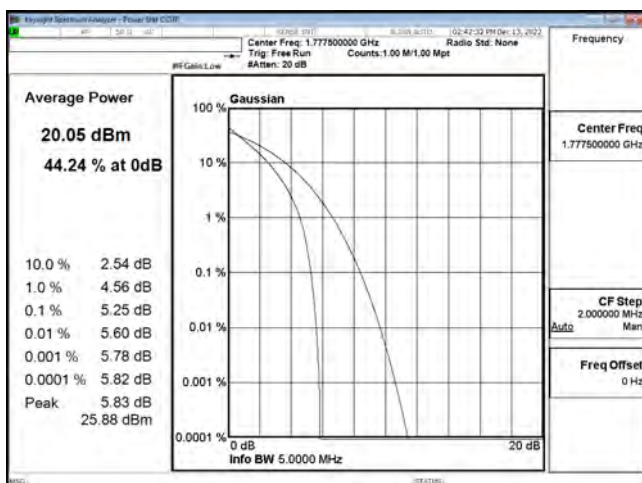
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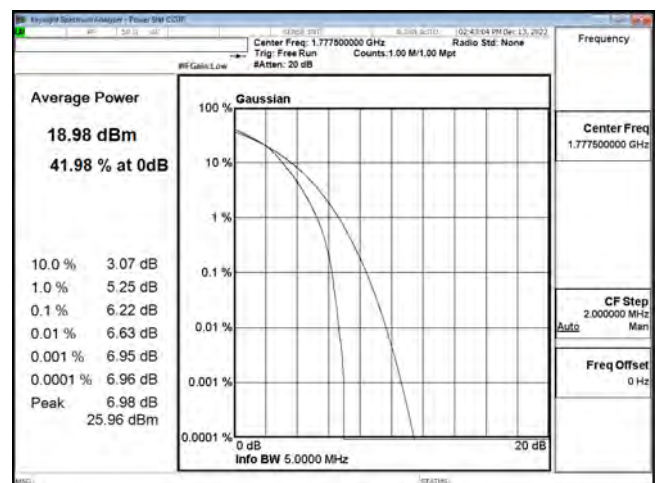
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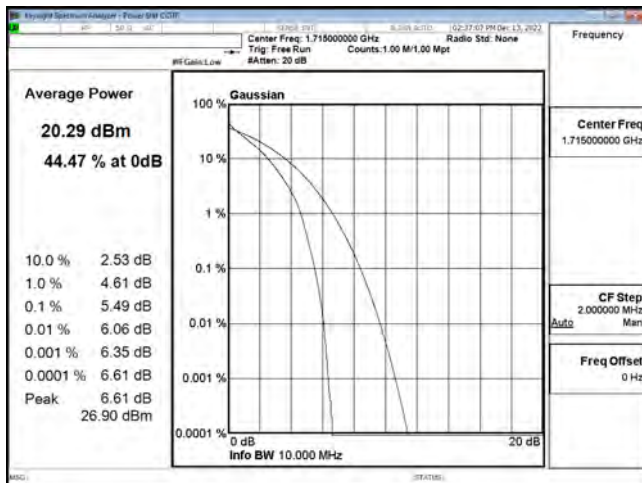


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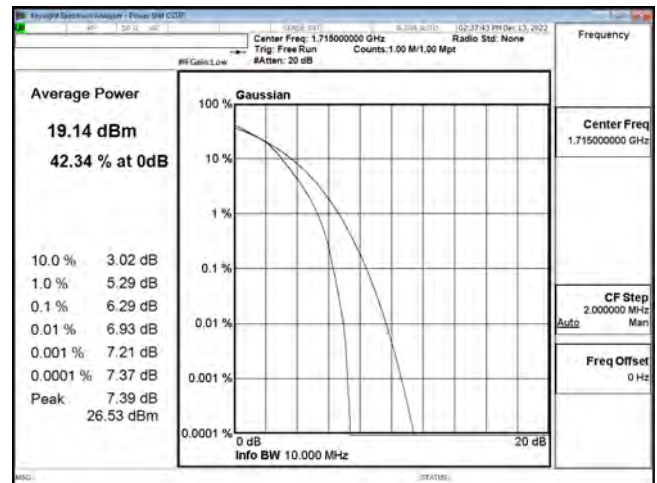


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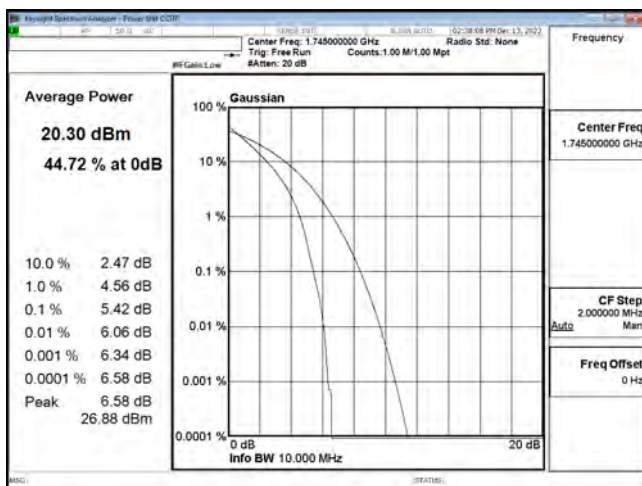




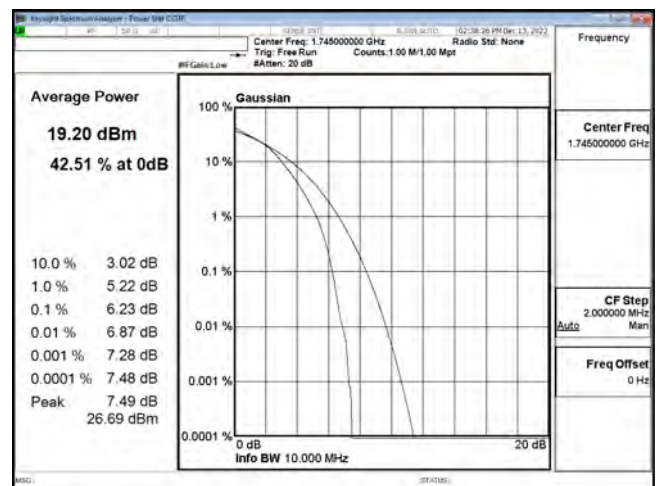
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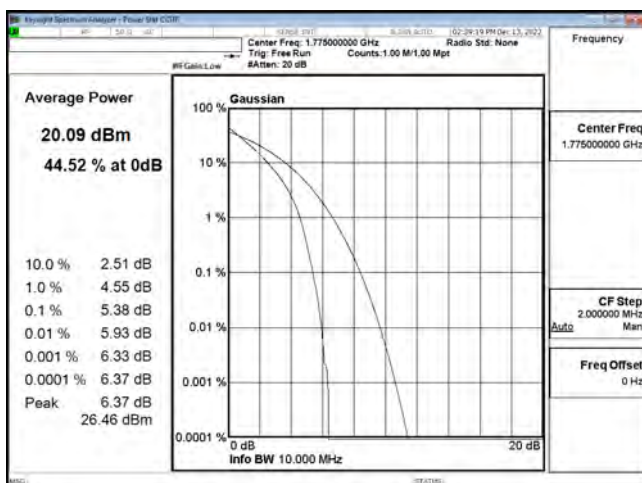
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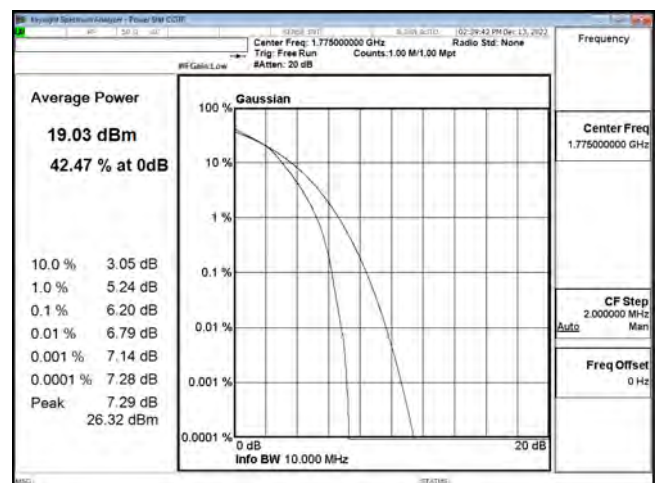
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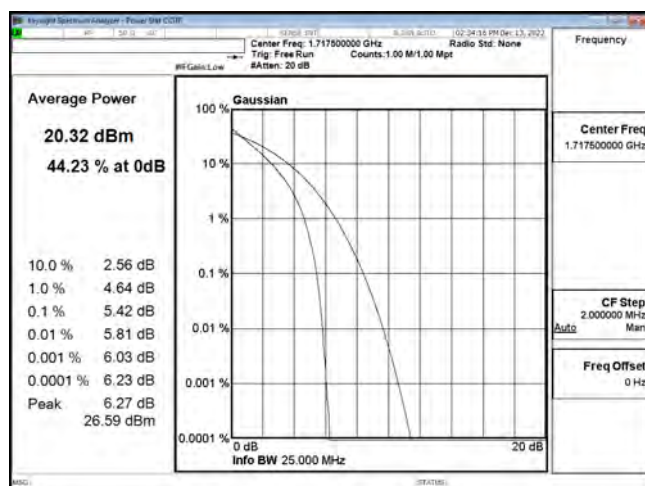
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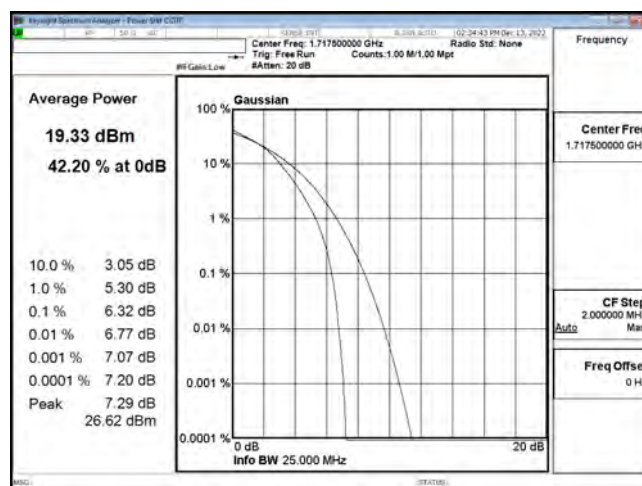
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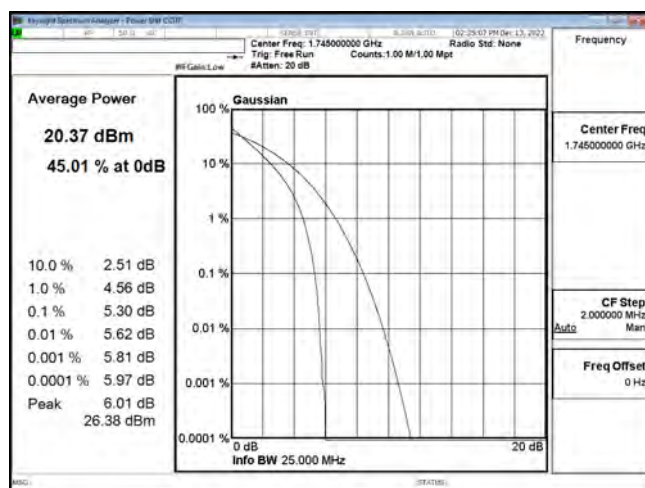
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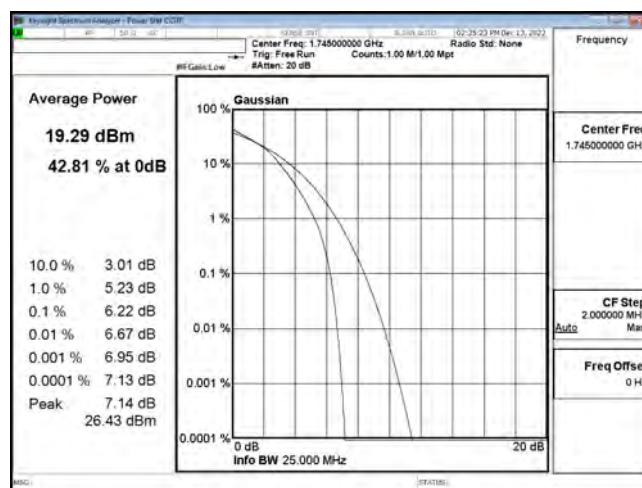
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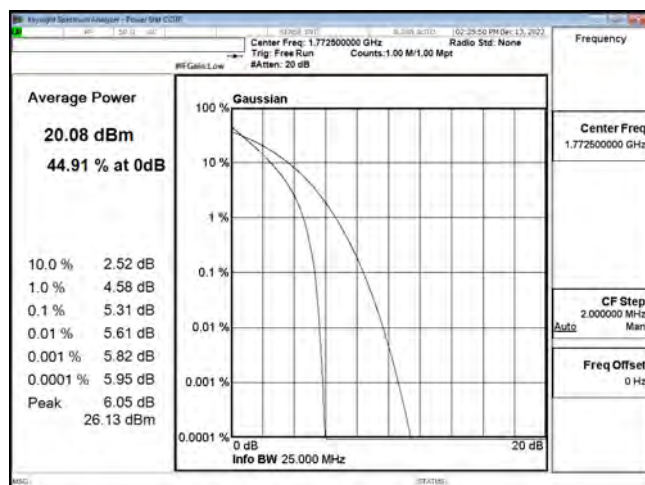
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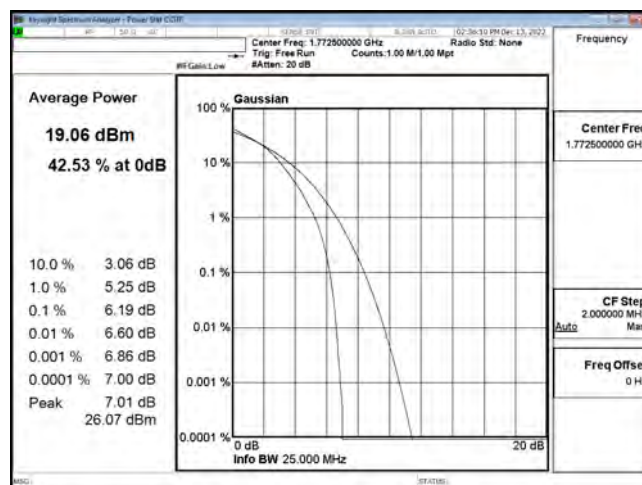
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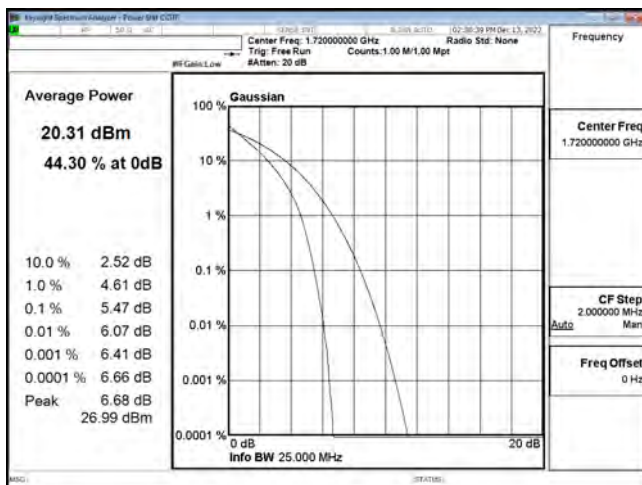
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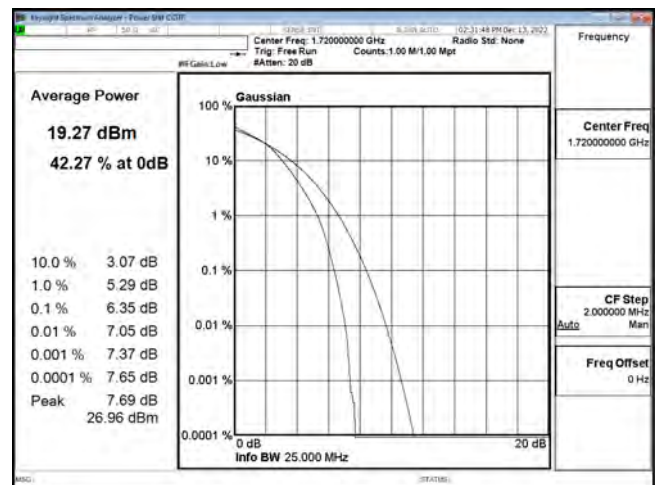
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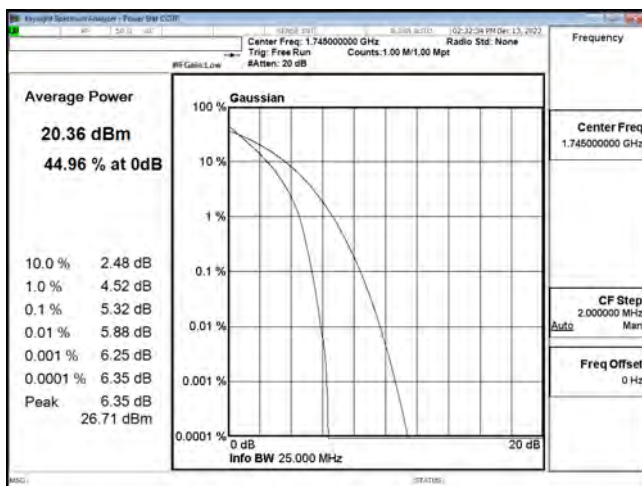
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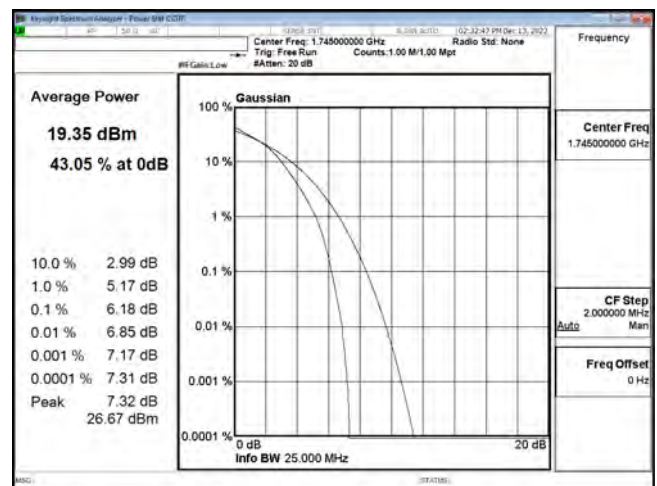
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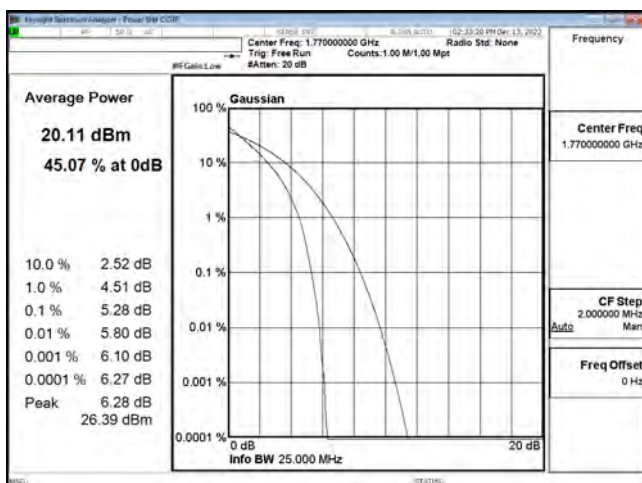
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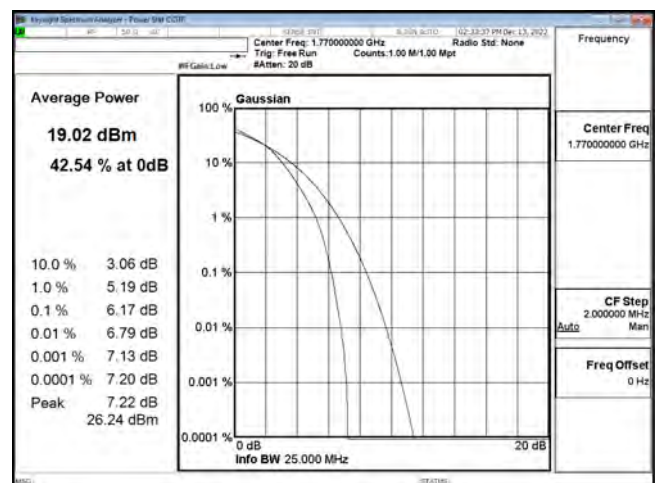
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PTAR B66 20 M CH132322 16QAM



PTAR B66 20 M CH132572 QPSK



PTAR B66 20 M CH132572 16QAM