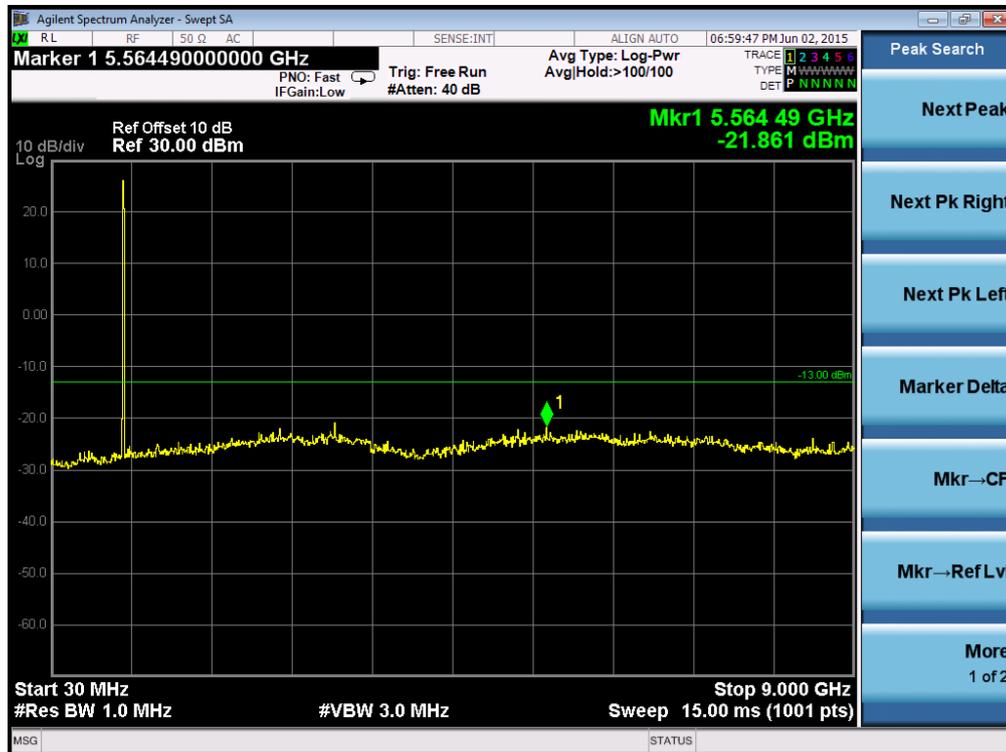


Conducted Spurious of Configuration-QPSK-5M/1RB

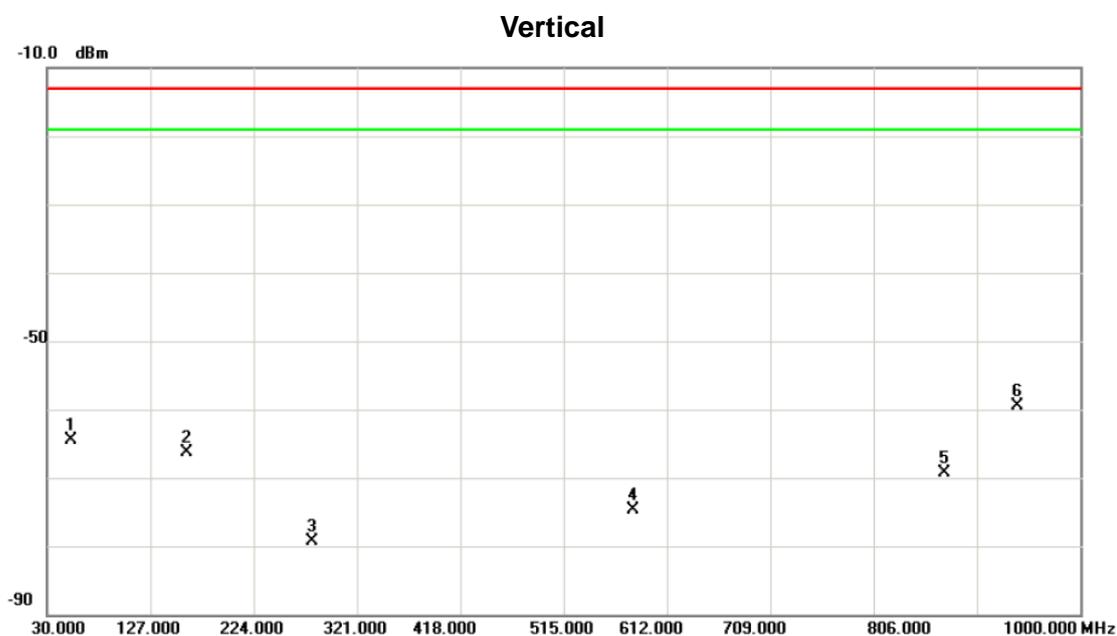


Conducted Spurious of Configuration-QPSK-10M/1RB



ATTACHMENTD - SPURIOUS RADIATED EMISSION

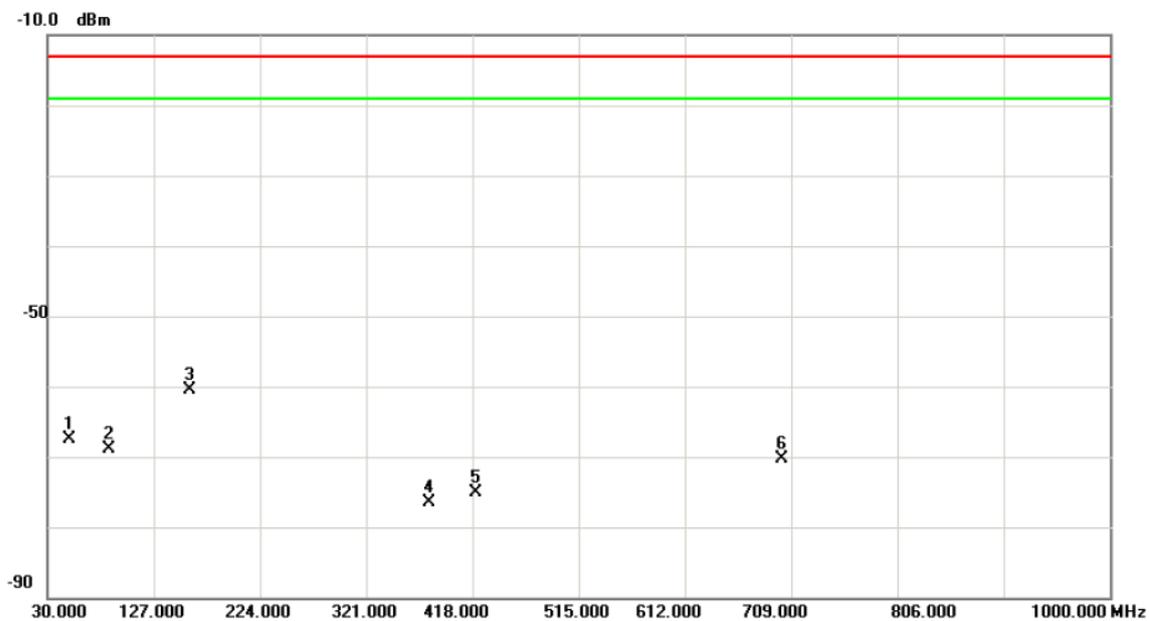
Test Mode: TX Channel Middle-QPSK 1.4M/1RB



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		52.3100	-64.01	-0.57	-64.58	-13.00	-51.58	peak	
2		160.9500	-66.98	0.72	-66.26	-13.00	-53.26	peak	
3		278.3200	-79.71	0.42	-79.29	-13.00	-66.29	peak	
4		579.9900	-80.73	6.05	-74.68	-13.00	-61.68	peak	
5		871.9600	-80.89	11.54	-69.35	-13.00	-56.35	peak	
6	*	940.8300	-71.68	12.09	-59.59	-13.00	-46.59	peak	

Test Mode: TX Channel Middle-QPSK 1.4M/1RB

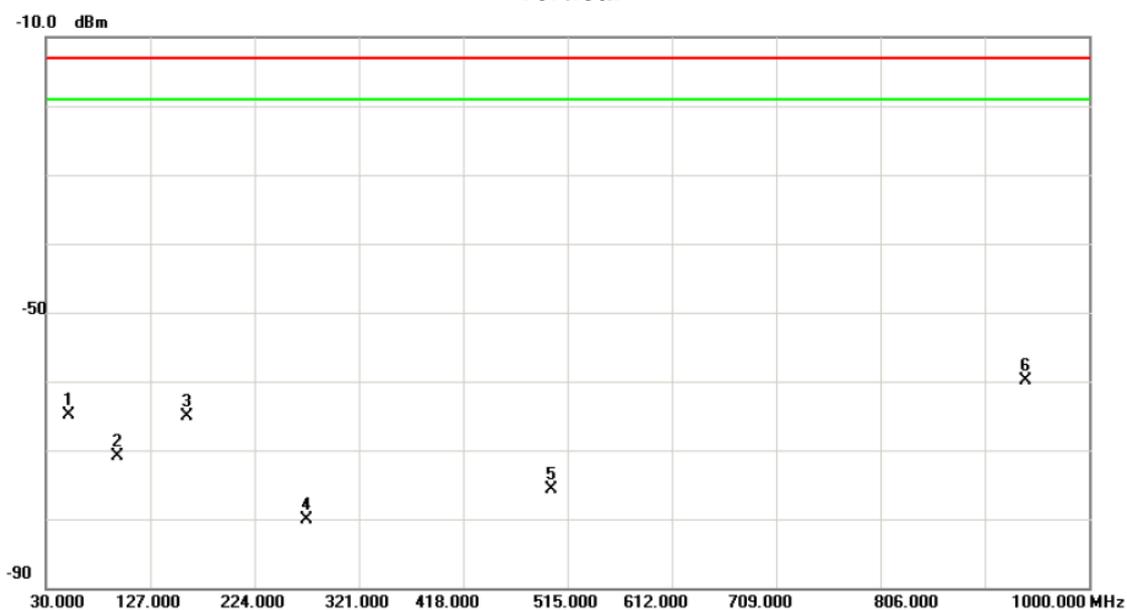
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	50.3700	-66.78	-0.78	-67.56	-13.00	-54.56	peak	
2	86.2600	-59.14	-9.78	-68.92	-13.00	-55.92	peak	
3 *	159.9800	-61.04	0.60	-60.44	-13.00	-47.44	peak	
4	378.2300	-80.33	3.74	-76.59	-13.00	-63.59	peak	
5	420.9100	-79.69	4.63	-75.06	-13.00	-62.06	peak	
6	700.2700	-82.21	11.82	-70.39	-13.00	-57.39	peak	

Test Mode: TX Channel Middle-QPSK 3M/1RB

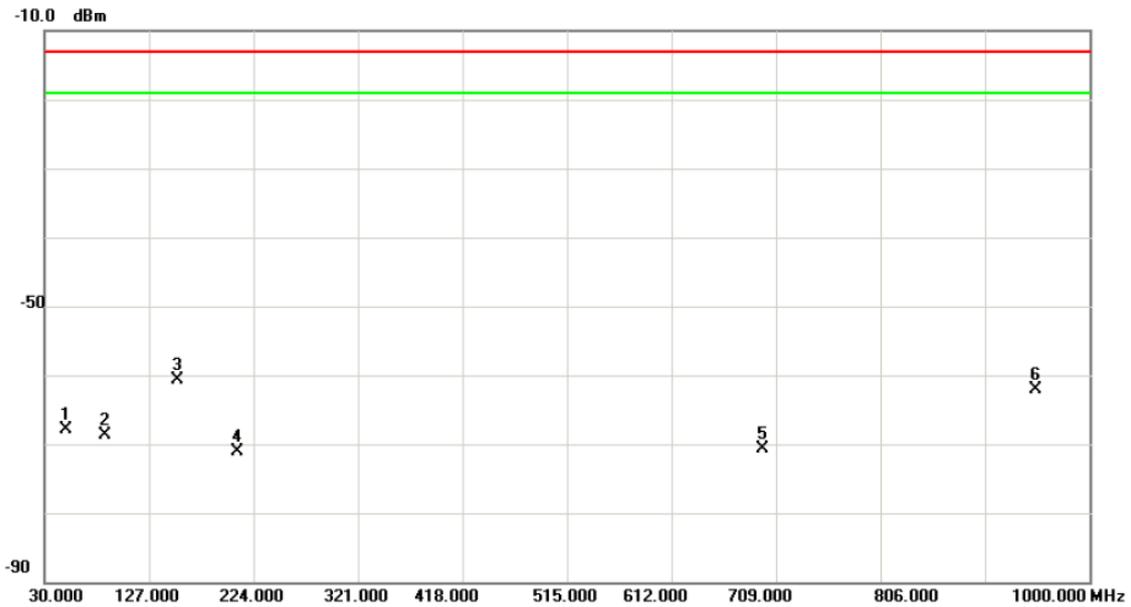
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		51.3400	-63.90	-0.98	-64.88	-13.00	-51.88	peak	
2		96.9300	-66.11	-4.87	-70.98	-13.00	-57.98	peak	
3		160.9500	-65.83	0.72	-65.11	-13.00	-52.11	peak	
4		272.5000	-80.28	0.15	-80.13	-13.00	-67.13	peak	
5		499.4800	-81.03	5.37	-75.66	-13.00	-62.66	peak	
6	*	940.8300	-72.03	12.09	-59.94	-13.00	-46.94	peak	

Test Mode: TX Channel Middle-QPSK 3M/1RB

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		50.3700	-67.08	-0.78	-67.86	-13.00	-54.86	peak	
2		86.2600	-58.87	-9.78	-68.65	-13.00	-55.65	peak	
3	*	153.1900	-62.36	1.61	-60.75	-13.00	-47.75	peak	
4		209.4500	-67.01	-4.09	-71.10	-13.00	-58.10	peak	
5		696.3900	-82.33	11.58	-70.75	-13.00	-57.75	peak	
6		950.5300	-74.94	12.80	-62.14	-13.00	-49.14	peak	

Test Mode: TX Channel Middle-QPSK 5M/1RB

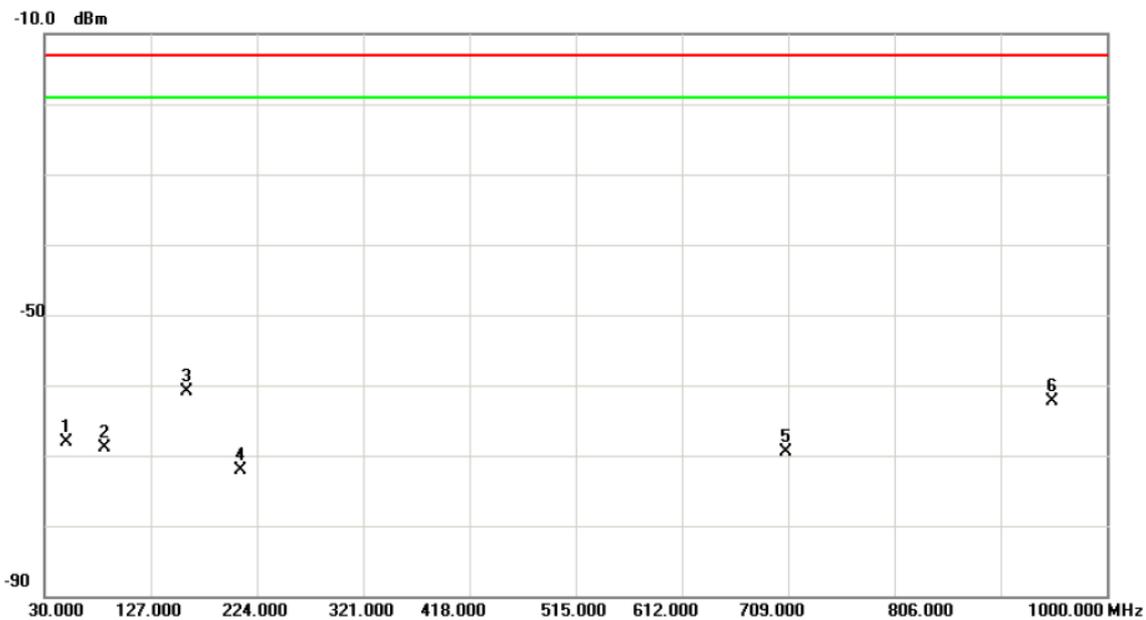
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		52.3100	-64.44	-0.57	-65.01	-13.00	-52.01	peak	
2		160.9500	-66.14	0.72	-65.42	-13.00	-52.42	peak	
3		270.5600	-79.99	0.07	-79.92	-13.00	-66.92	peak	
4		385.0200	-79.61	1.75	-77.86	-13.00	-64.86	peak	
5		500.4500	-81.25	5.40	-75.85	-13.00	-62.85	peak	
6	*	940.8300	-71.41	12.09	-59.32	-13.00	-46.32	peak	

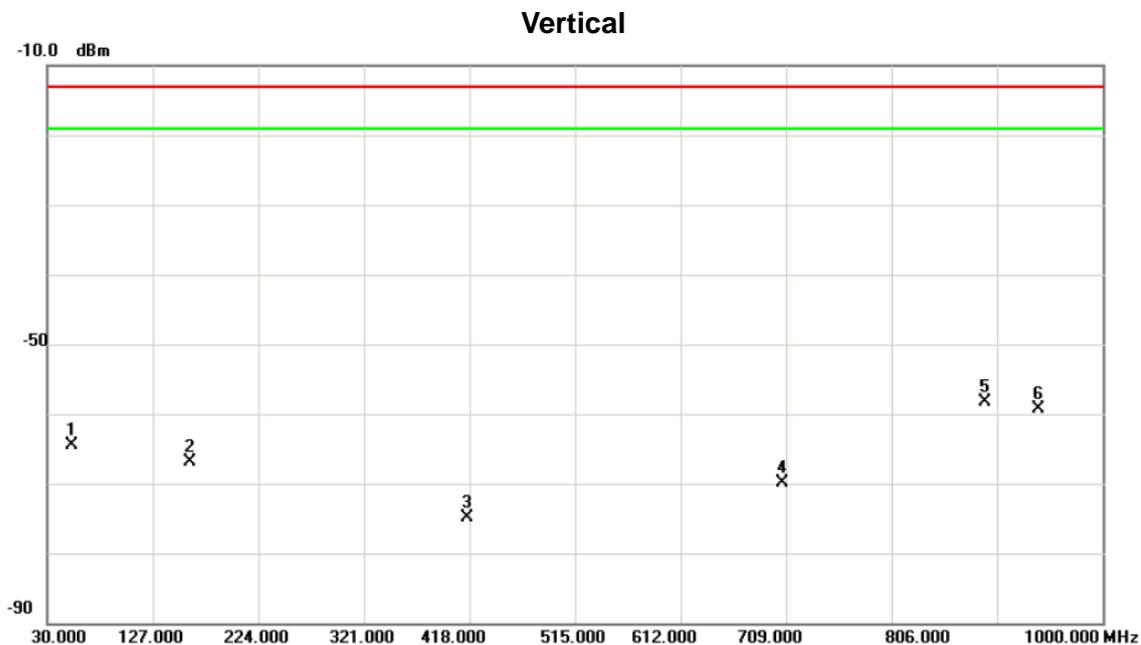
Test Mode: TX Channel Middle-QPSK 5M/1RB

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		49.4000	-67.37	-0.67	-68.04	-13.00	-55.04	peak	
2		85.2900	-58.82	-10.03	-68.85	-13.00	-55.85	peak	
3	*	159.9800	-61.43	0.60	-60.83	-13.00	-47.83	peak	
4		208.4800	-68.04	-4.09	-72.13	-13.00	-59.13	peak	
5		707.0600	-81.26	11.66	-69.60	-13.00	-56.60	peak	
6		950.5300	-75.08	12.80	-62.28	-13.00	-49.28	peak	

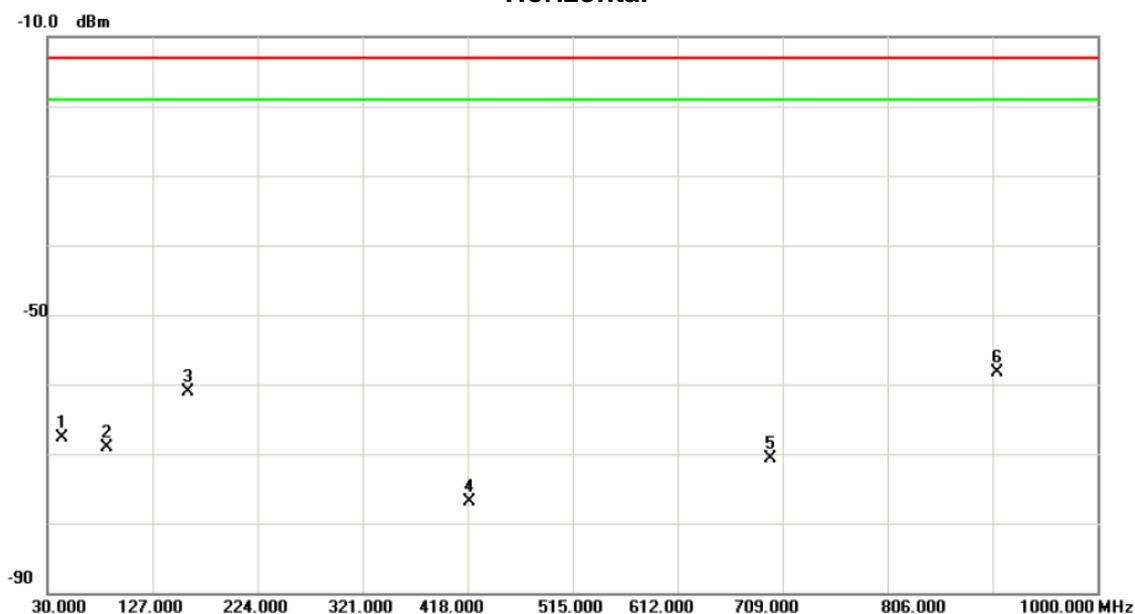
Test Mode: TX Channel Middle-QPSK 10M/1RB



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		52.3100	-64.20	-0.23	-64.43	-13.00	-51.43	peak	
2		160.9500	-67.05	0.20	-66.85	-13.00	-53.85	peak	
3		416.0600	-79.37	4.53	-74.84	-13.00	-61.84	peak	
4		705.1200	-81.59	11.71	-69.88	-13.00	-56.88	peak	
5	*	891.3600	-68.80	10.60	-58.20	-13.00	-45.20	peak	
6		940.8300	-71.79	12.43	-59.36	-13.00	-46.36	peak	

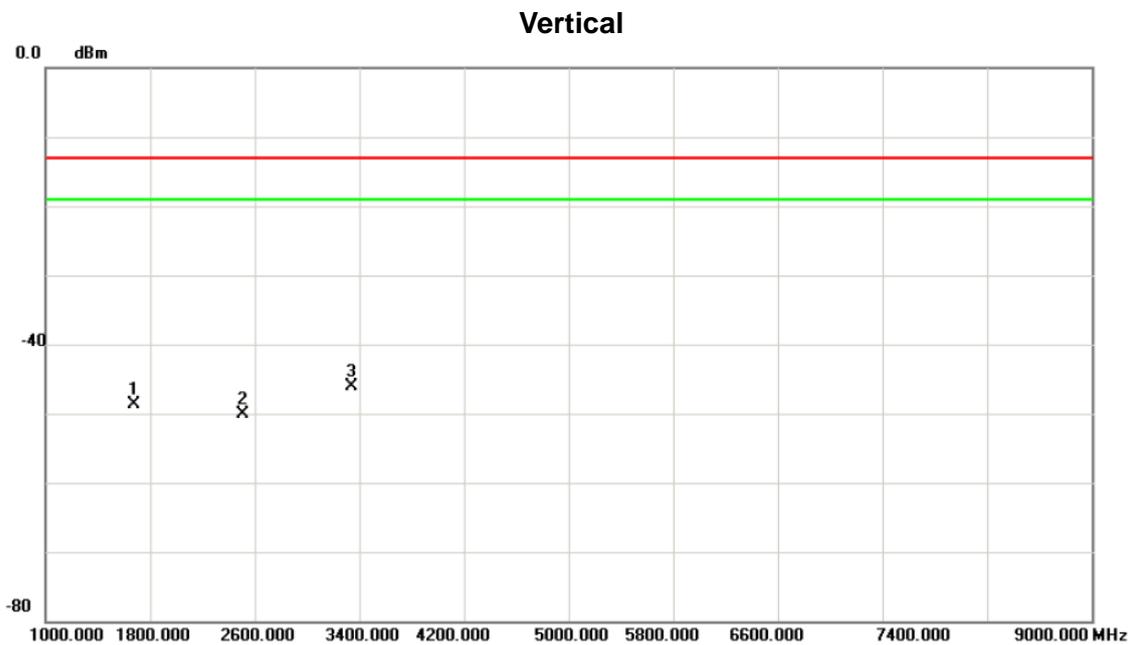
Test Mode: TX Channel Middle-QPSK 10M/1RB

Horizontal



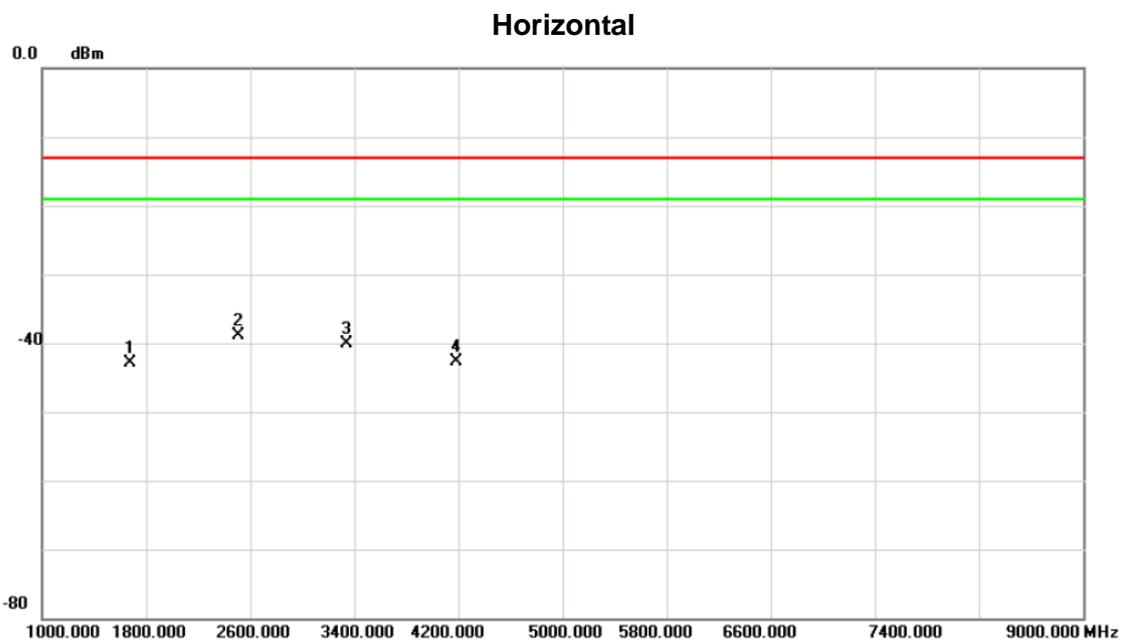
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	43.5800	-68.28	0.63	-67.65	-13.00	-54.65	peak	
2	85.2900	-59.07	-10.03	-69.10	-13.00	-56.10	peak	
3	159.9800	-61.78	0.60	-61.18	-13.00	-48.18	peak	
4	419.9400	-81.60	4.73	-76.87	-13.00	-63.87	peak	
5	698.3300	-82.52	11.72	-70.80	-13.00	-57.80	peak	
6 *	906.8800	-69.45	11.07	-58.38	-13.00	-45.38	peak	

Test Mode: TX Channel Middle-QPSK 1.4M/1RB



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1672.000	-46.21	-2.54	-48.75	-13.00	-35.75	peak	
2		2504.000	-50.65	0.46	-50.19	-13.00	-37.19	peak	
3	*	3344.000	-50.36	4.23	-46.13	-13.00	-33.13	peak	

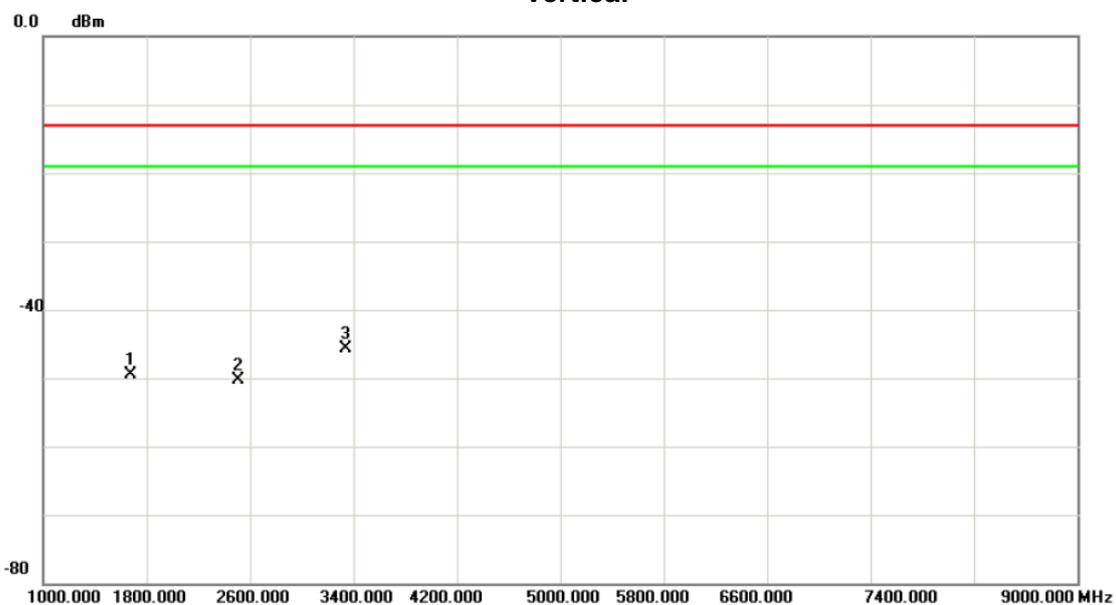
Test Mode: TX Channel Middle-QPSK 1.4M/1RB



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1672.000	-42.58	-0.41	-42.99	-13.00	-29.99	peak	
2	*	2512.000	-43.19	4.21	-38.98	-13.00	-25.98	peak	
3		3344.000	-47.09	7.07	-40.02	-13.00	-27.02	peak	
4		4184.000	-50.06	7.30	-42.76	-13.00	-29.76	peak	

Test Mode: TX Channel Middle-QPSK 3M/1RB

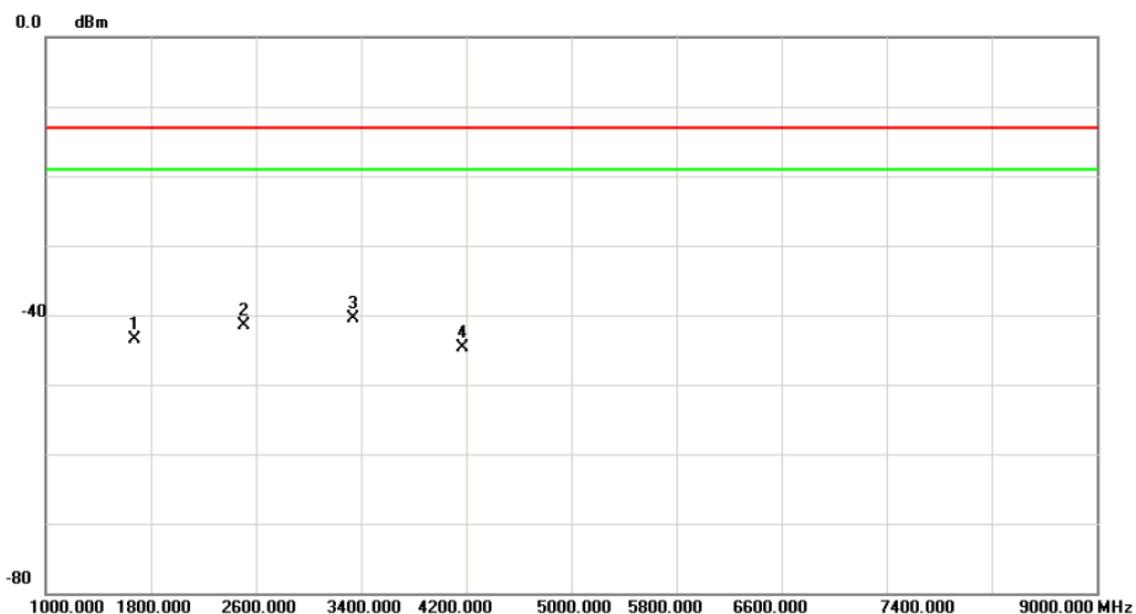
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1672.000	-46.95	-2.54	-49.49	-13.00	-36.49	peak	
2		2504.000	-50.85	0.46	-50.39	-13.00	-37.39	peak	
3	*	3344.000	-49.97	4.23	-45.74	-13.00	-32.74	peak	

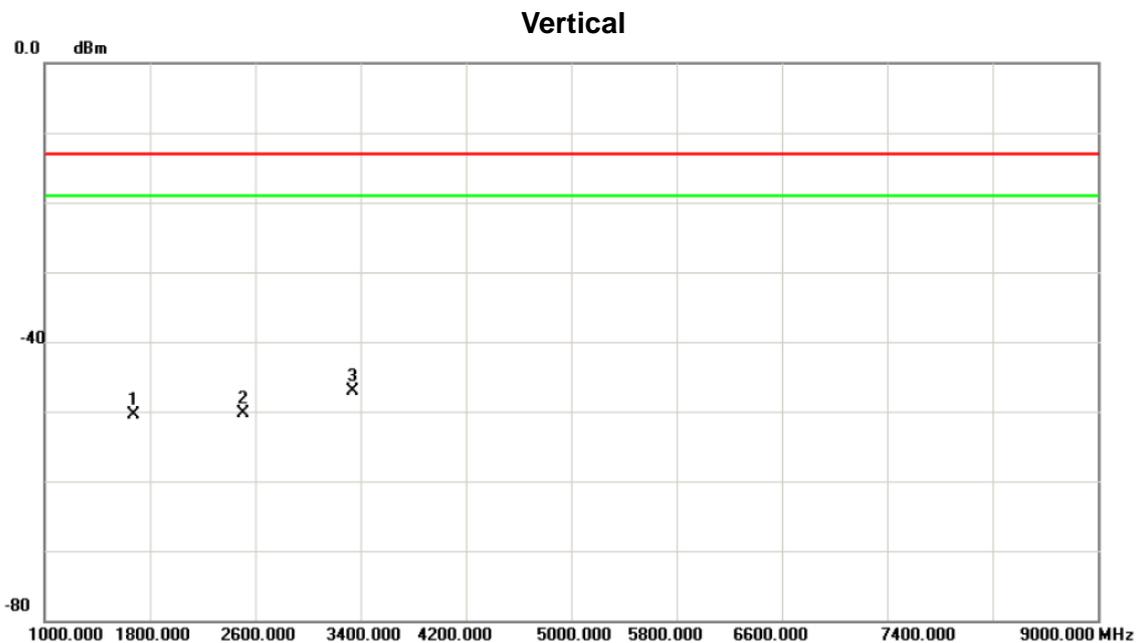
Test Mode: TX Channel Middle-QPSK 3M/1RB

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1672.000	-43.16	-0.41	-43.57	-13.00	-30.57	peak	
2		2504.000	-45.75	4.18	-41.57	-13.00	-28.57	peak	
3	*	3344.000	-47.61	7.07	-40.54	-13.00	-27.54	peak	
4		4176.000	-51.91	7.31	-44.60	-13.00	-31.60	peak	

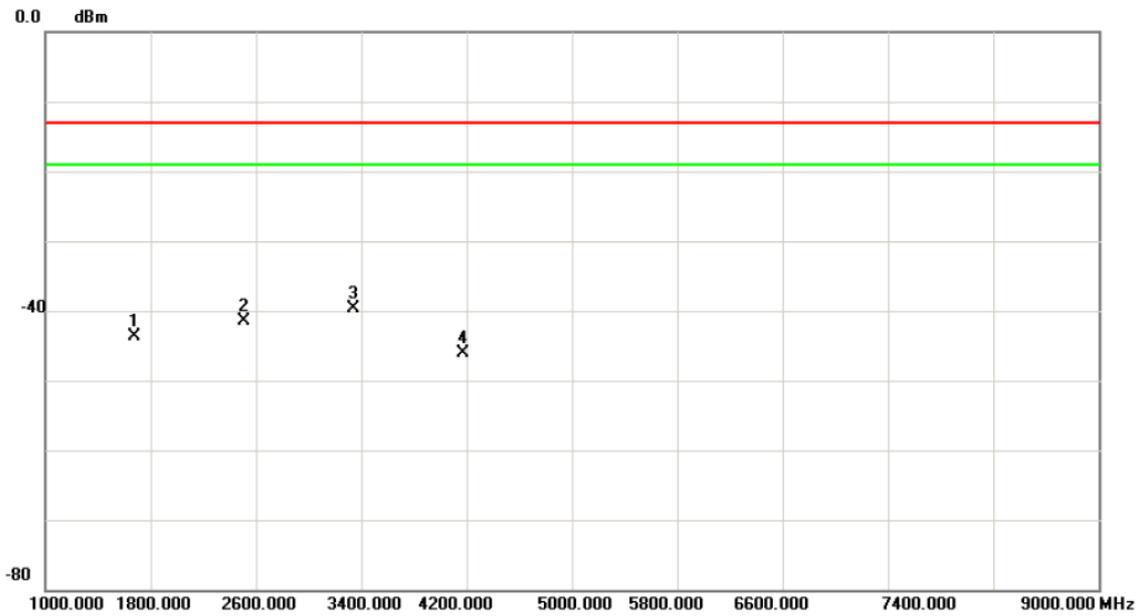
Test Mode: TX Channel Middle-QPSK 5M/1RB



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	1672.000	-47.87	-2.54	-50.41	-13.00	-37.41	peak	
2	2504.000	-50.73	0.46	-50.27	-13.00	-37.27	peak	
3 *	3336.000	-51.19	4.19	-47.00	-13.00	-34.00	peak	

Test Mode: TX Channel Middle-QPSK 5M/1RB

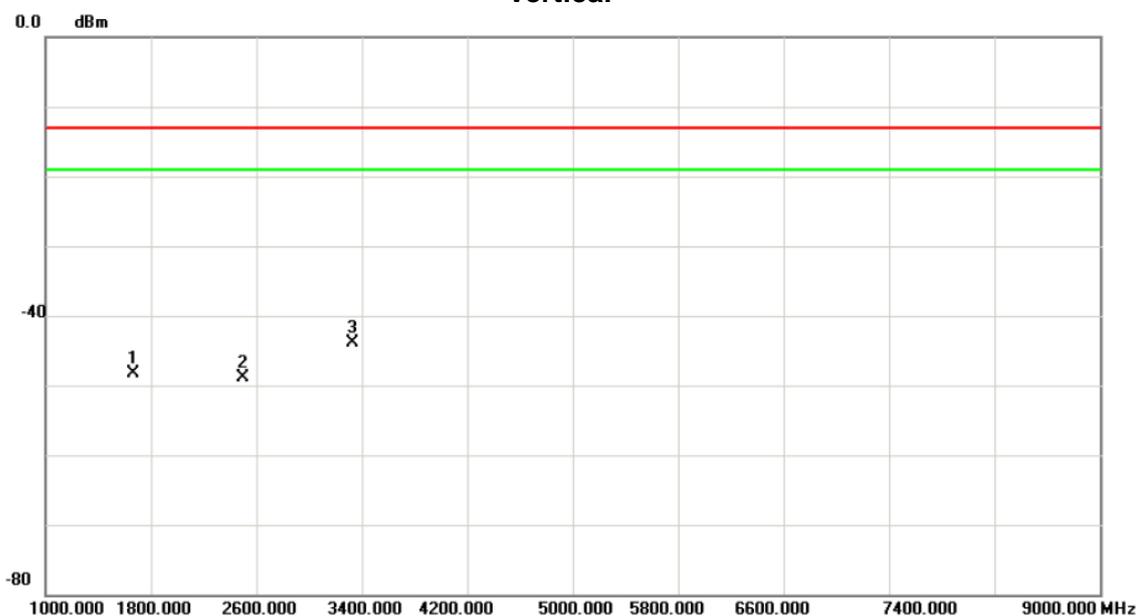
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1672.000	-43.35	-0.41	-43.76	-13.00	-30.76	peak	
2		2504.000	-45.73	4.18	-41.55	-13.00	-28.55	peak	
3	*	3336.000	-46.79	7.05	-39.74	-13.00	-26.74	peak	
4		4168.000	-53.32	7.32	-46.00	-13.00	-33.00	peak	

Test Mode: TX Channel Middle-QPSK 10M/1RB

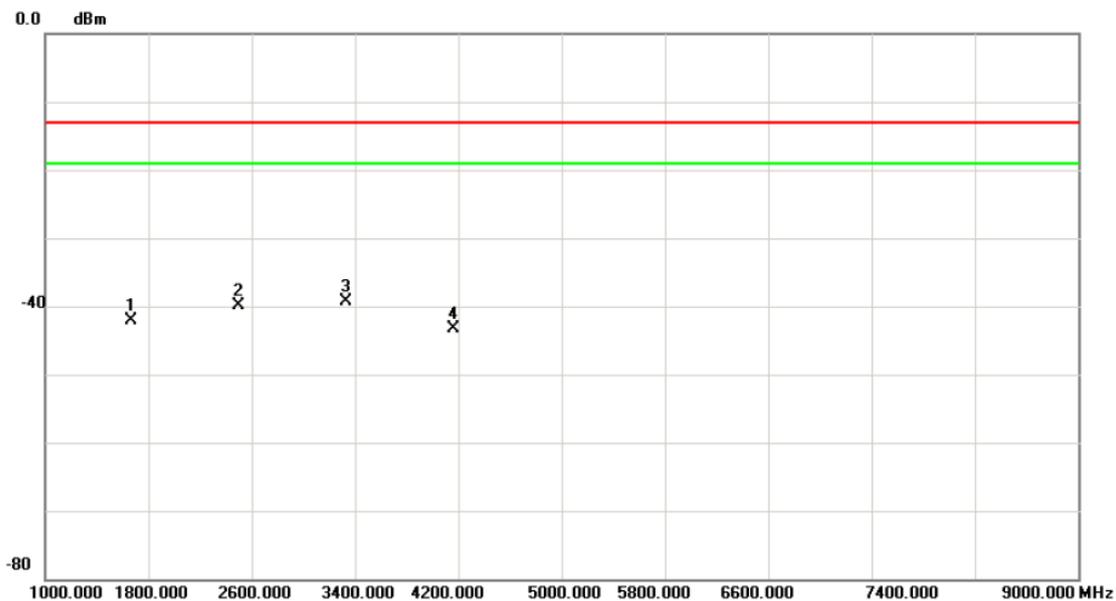
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1664.000	-45.74	-2.62	-48.36	-13.00	-35.36	peak	
2		2496.000	-49.28	0.44	-48.84	-13.00	-35.84	peak	
3	*	3328.000	-48.12	4.15	-43.97	-13.00	-30.97	peak	

Test Mode: TX Channel Middle-QPSK 10M/1RB

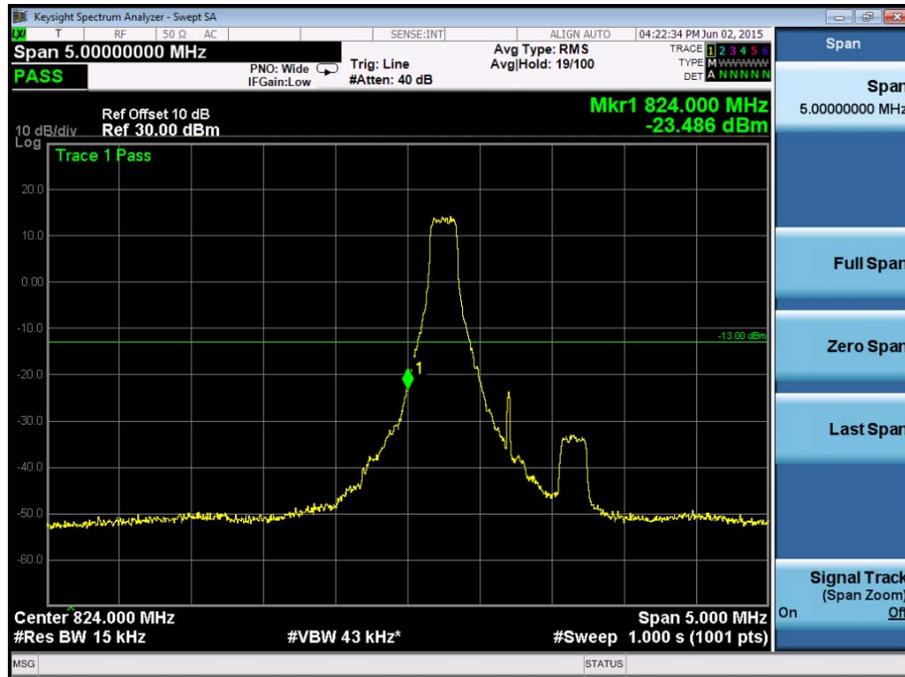
Horizontal



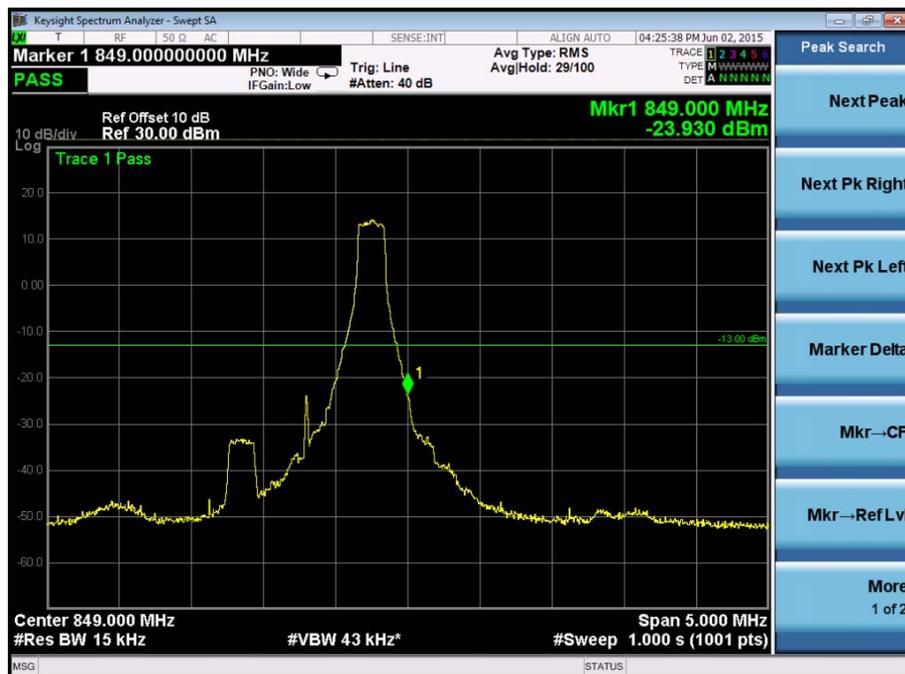
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1		1664.000	-41.59	-0.48	-42.07	-13.00	-29.07	peak	
2		2496.000	-44.06	4.15	-39.91	-13.00	-26.91	peak	
3	*	3328.000	-46.39	7.03	-39.36	-13.00	-26.36	peak	
4		4160.000	-50.54	7.34	-43.20	-13.00	-30.20	peak	

ATTACHMENTE - BAND EDGE

Band Edge on Configuration QPSK-1.4M / 1RB Channel Lowest-CONDUCTED MODE



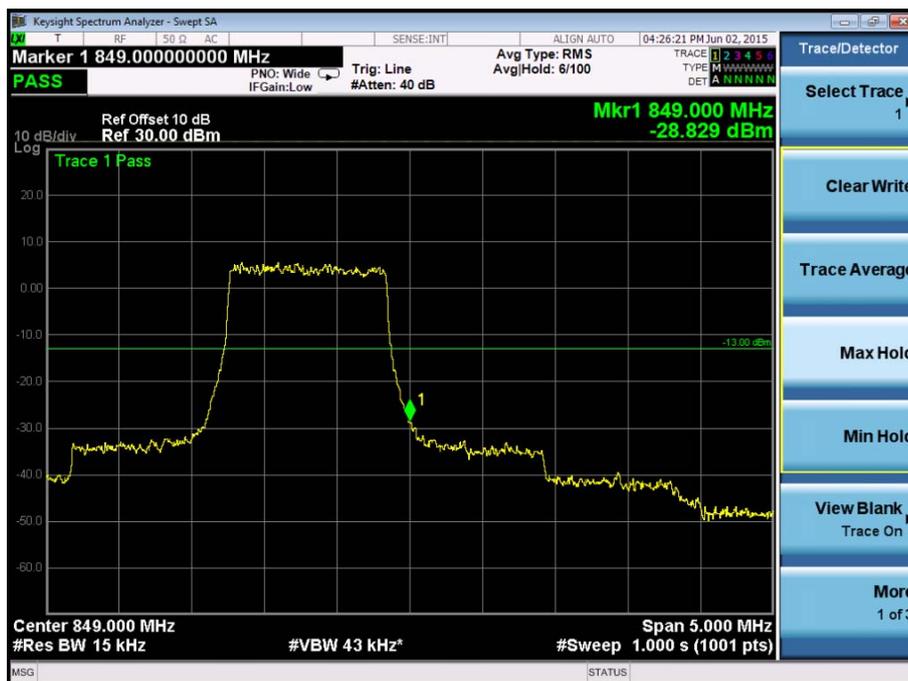
Band Edge on Configuration QPSK-1.4M / 1RB Channel Highest-CONDUCTED MODE



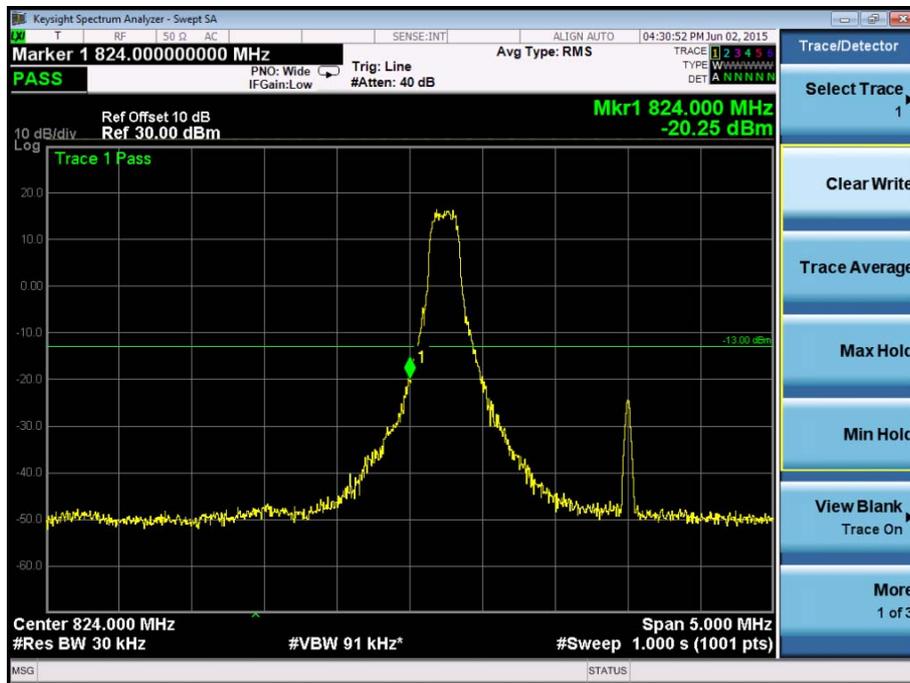
Band Edge on Configuration QPSK-1.4M / 6RB Channel Lowest-CONDUCTED MODE



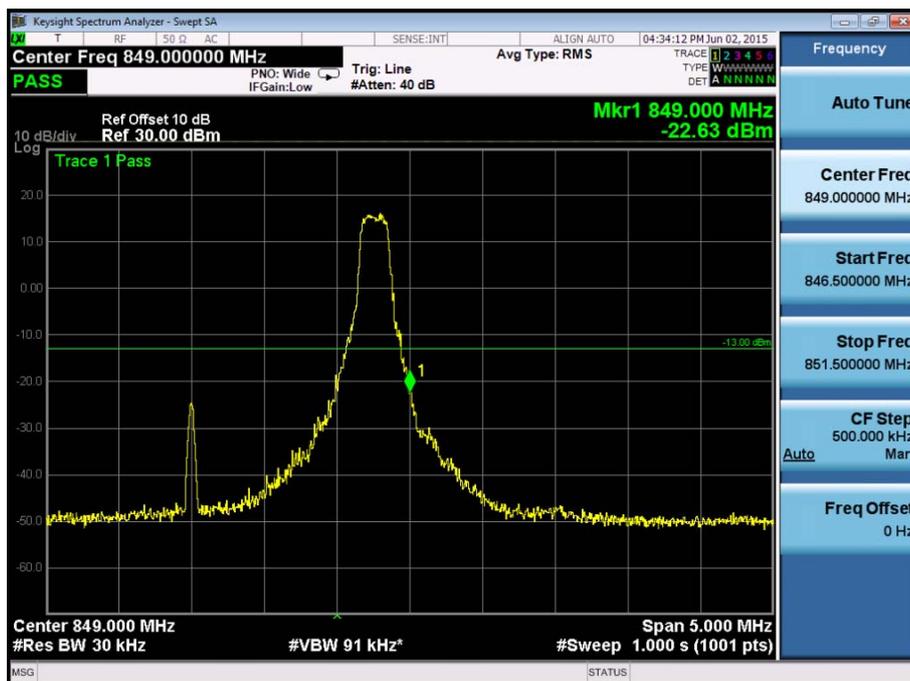
Band Edge on Configuration QPSK-1.4M / 6RB Channel Highest-CONDUCTED MODE



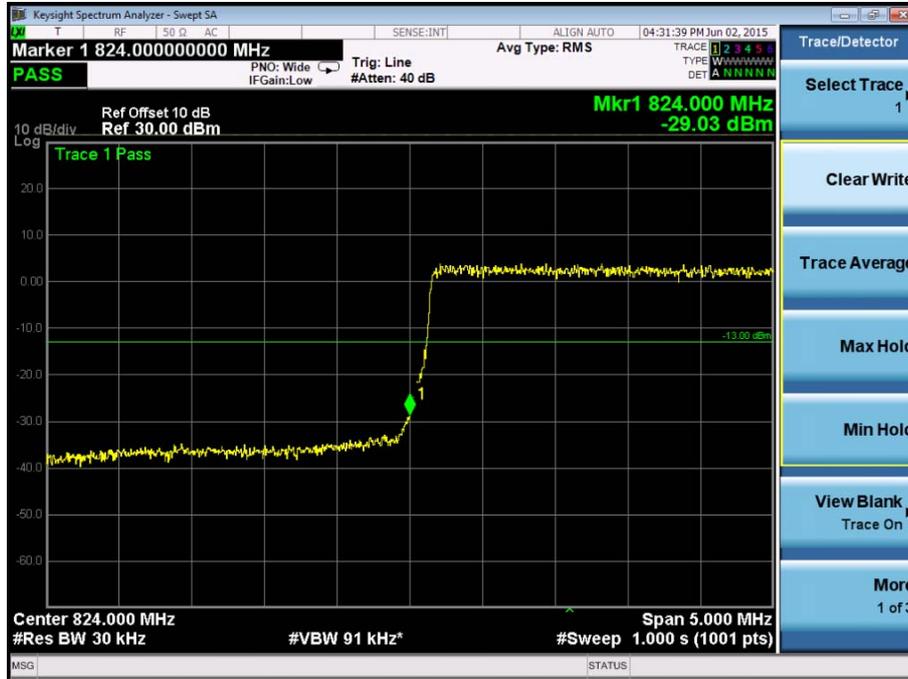
Band Edge on Configuration QPSK-3M / 1RB Channel Lowest-CONDUCTED MODE



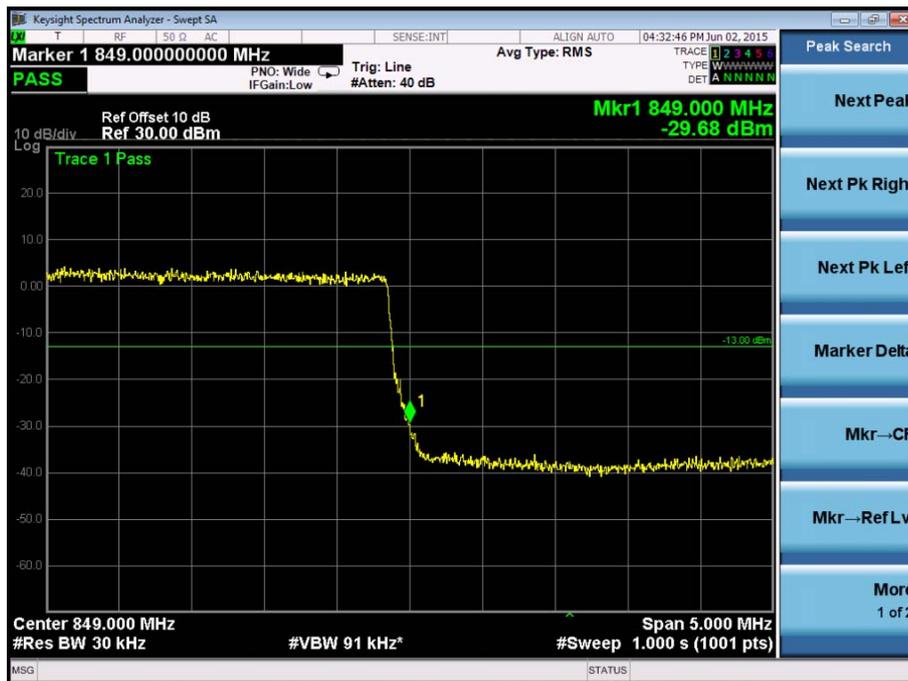
Band Edge on Configuration QPSK-3M / 1RB Channel Highest-CONDUCTED MODE



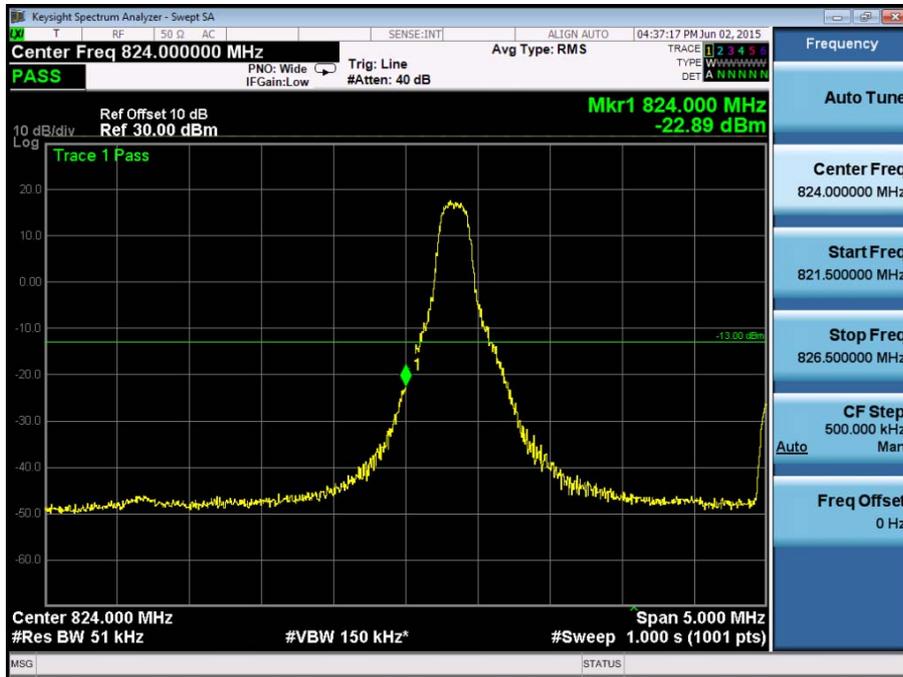
Band Edge on Configuration QPSK-3M / 15RB Channel Lowest-CONDUCTED MODE



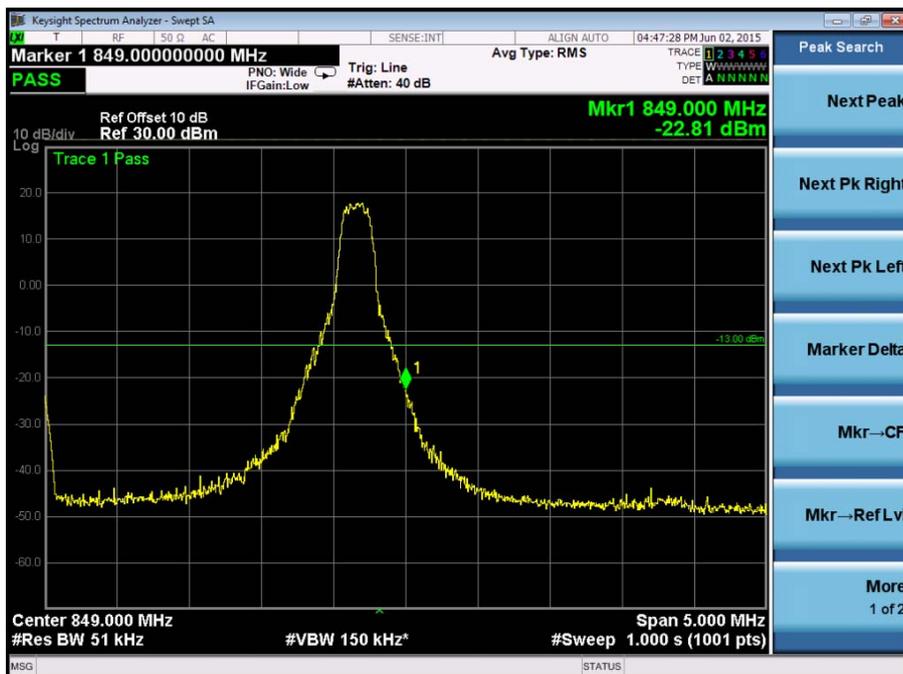
Band Edge on Configuration QPSK-3M / 15RB Channel Highest-CONDUCTED MODE



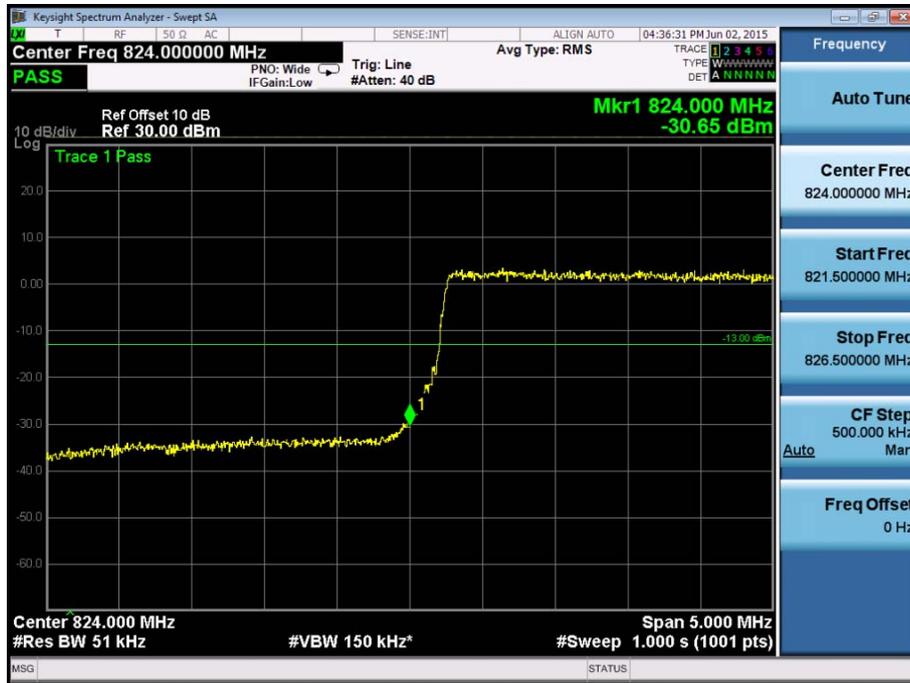
Band Edge on Configuration QPSK-5M / 1RB Channel Lowest-CONDUCTED MODE



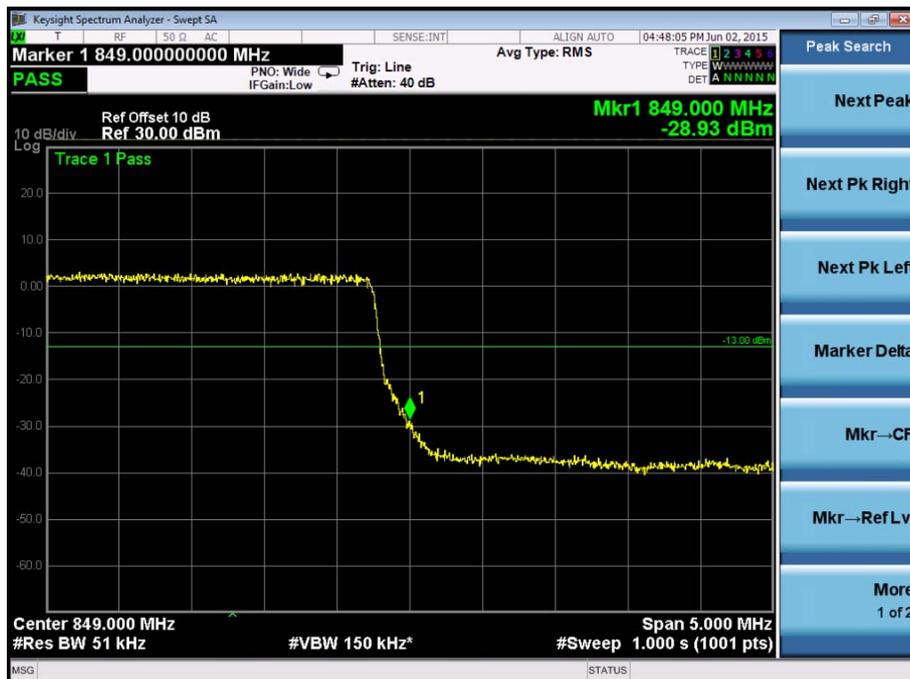
Band Edge on Configuration QPSK-5M / 1RB Channel Highest-CONDUCTED MODE



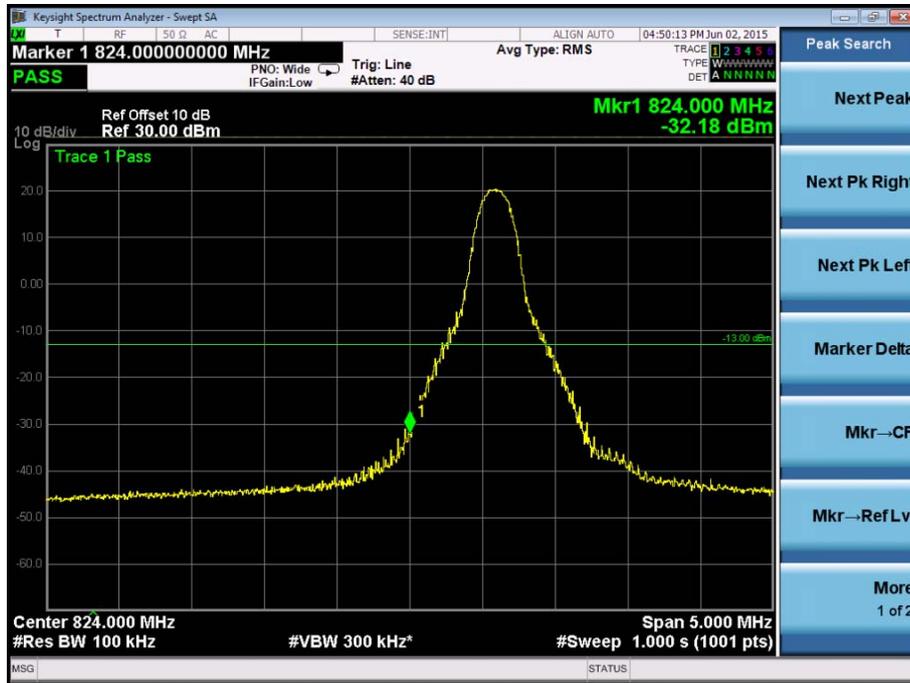
Band Edge on Configuration QPSK-5M / 25RB Channel Lowest-CONDUCTED MODE



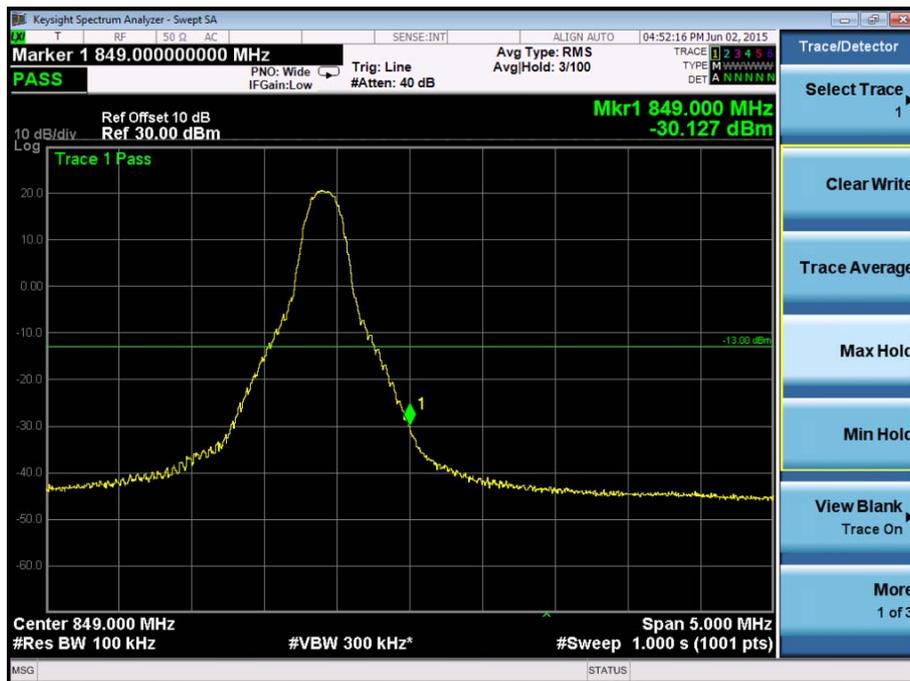
Band Edge on Configuration QPSK-5M / 25RB Channel Highest-CONDUCTED MODE



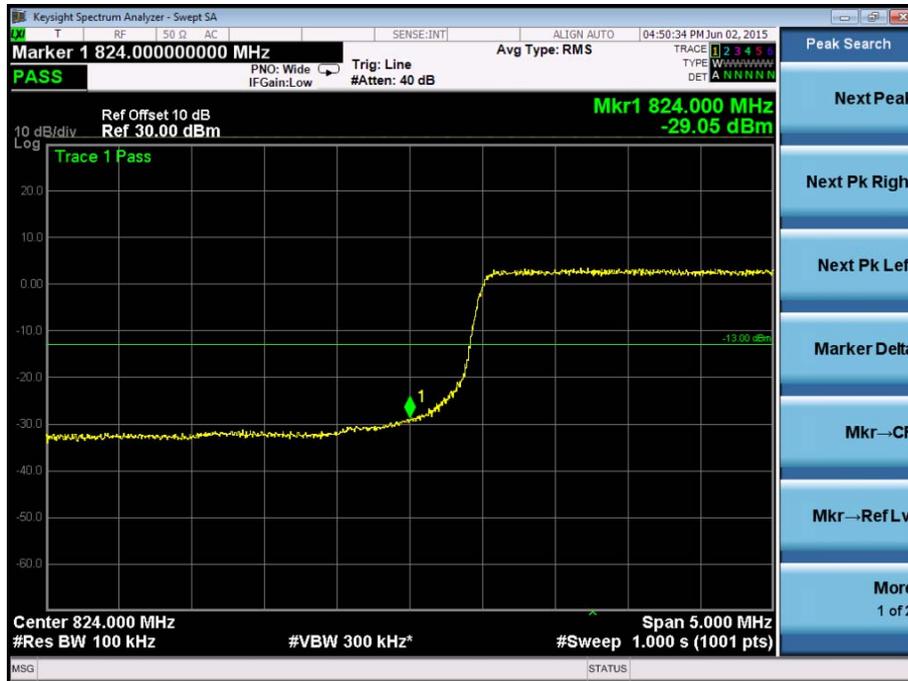
Band Edge on Configuration QPSK-10M / 1RB Channel Lowest-CONDUCTED MODE



Band Edge on Configuration QPSK-10M / 1RB Channel Highest-CONDUCTED MODE



Band Edge on Configuration QPSK-10M / 50RB Channel Lowest-CONDUCTED MODE



Band Edge on Configuration QPSK-10M / 50RB Channel Highest-CONDUCTED MODE



ATTACHMENTF - FREQUENCY STABILITY

Test Mode:	QPSKChannel Middle 1.4M/1RB 0 offset
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Voltage vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	3.24	0.003873282	2.5
0	3.65	0.004363419	2.5
10	4.21	0.005032875	2.5
20	5.57	0.006658697	2.5
30	3.24	0.003873282	2.5
40	5.21	0.006228332	2.5
55	6.28	0.007507472	2.5
Max. Deviation (ppm)	7.21	0.008619247	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.52	0.001817095	2.5
3.5	3.57	0.004267782	2.5
4.35	4.98	0.005953377	2.5
Max. Deviation (ppm)	4.98	0.005953377	2.5

Test Mode:	QPSKChannel Middle 3M/1RB 0 offset
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Voltage vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	7.89	0.009432158	2.5
0	2.54	0.003036461	2.5
10	6.57	0.007854154	2.5
20	7.24	0.008655111	2.5
30	8.52	0.010185296	2.5
40	6.54	0.00781829	2.5
55	2.36	0.002821279	2.5
Max. Deviation (ppm)	7.89	0.010185296	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.21	0.003837418	2.5
3.5	5.87	0.007017334	2.5
4.35	6.79	0.008117155	2.5
Max. Deviation (ppm)	6.79	0.008117155	2.5

Test Mode:	QPSKChannel Middle 5M/1RB 0 offset
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Voltage vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	6.78	0.0081052	2.5
0	5.14	0.00614465	2.5
10	9.24	0.011046025	2.5
20	2.67	0.003191871	2.5
30	4.52	0.005403467	2.5
40	6.24	0.007459653	2.5
55	4.87	0.005821877	2.5
Max. Deviation (ppm)	9.24	0.011046025	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.11	0.002522415	2.5
3.5	3.98	0.00475792	2.5
4.35	4.77	0.005702331	2.5
Max. Deviation (ppm)	4.77	0.005702331	2.5

Test Mode:	QPSKChannel Middle 10M/1RB 0 offset
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Voltage vs. Frequency Stability

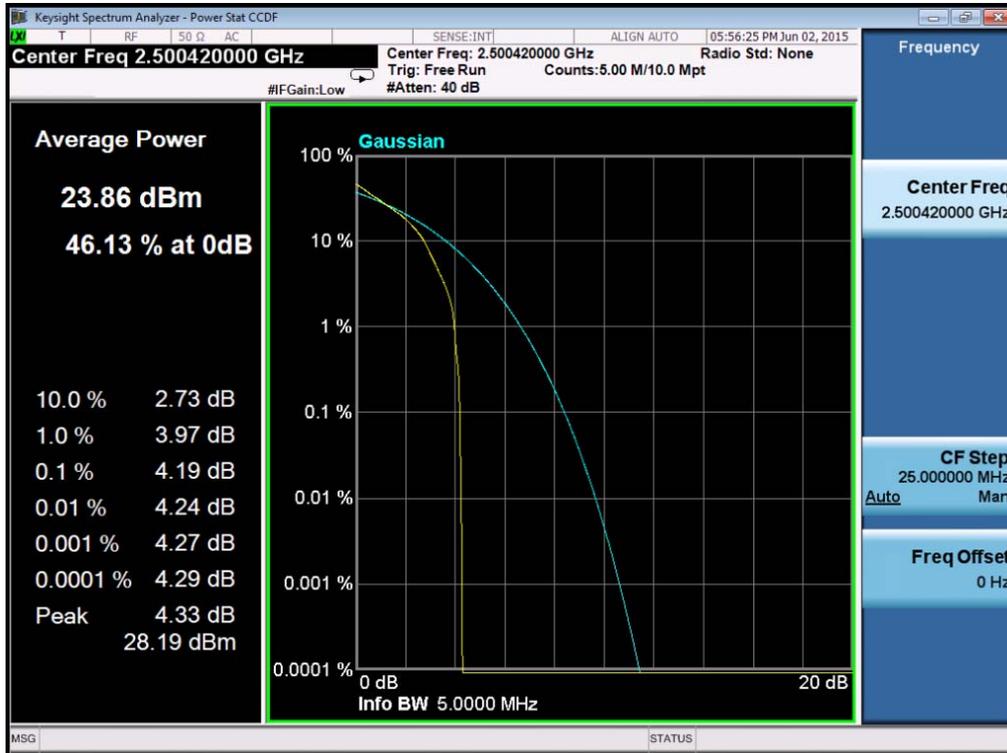
Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	6.51	0.007782427	2.5
0	2.58	0.00308428	2.5
10	3.24	0.003873282	2.5
20	4.75	0.005678422	2.5
30	5.27	0.00630006	2.5
40	6.39	0.007638972	2.5
55	7.51	0.008977884	2.5
Max. Deviation (ppm)	7.51	0.008977884	2.5

Voltage vs. Frequency Stability

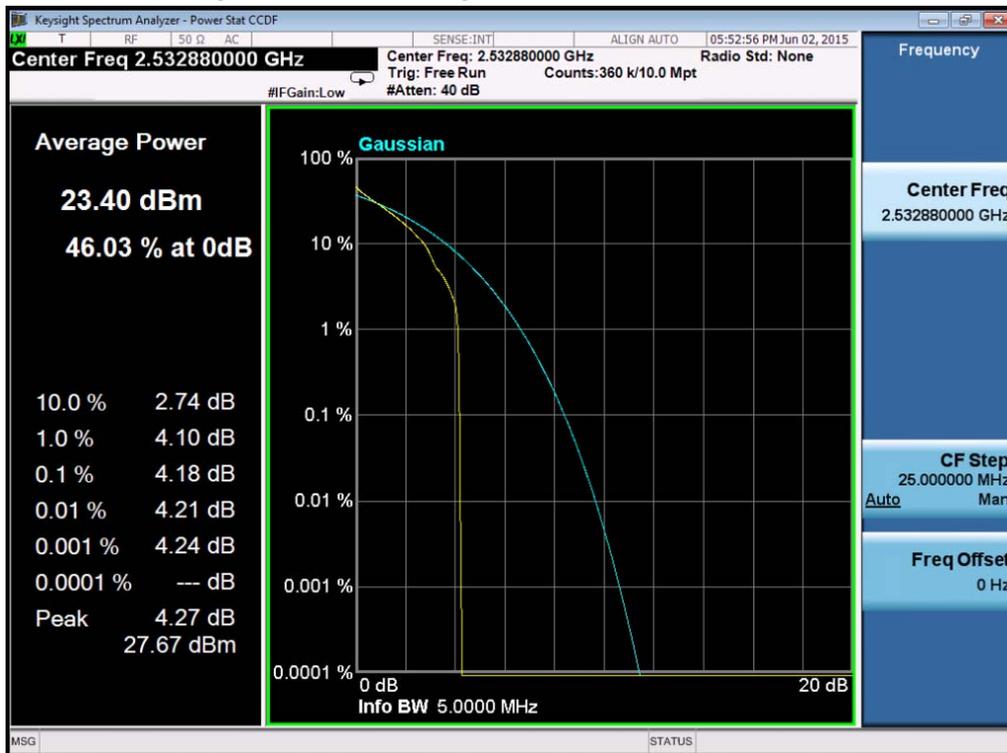
Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.47	0.004148237	2.5
3.5	6.54	0.00781829	2.5
4.35	7.12	0.008511656	2.5
Max. Deviation (ppm)	7.12	0.008511656	2.5

ATTACHMENTG - PEAK TO AVERAGE RATIO

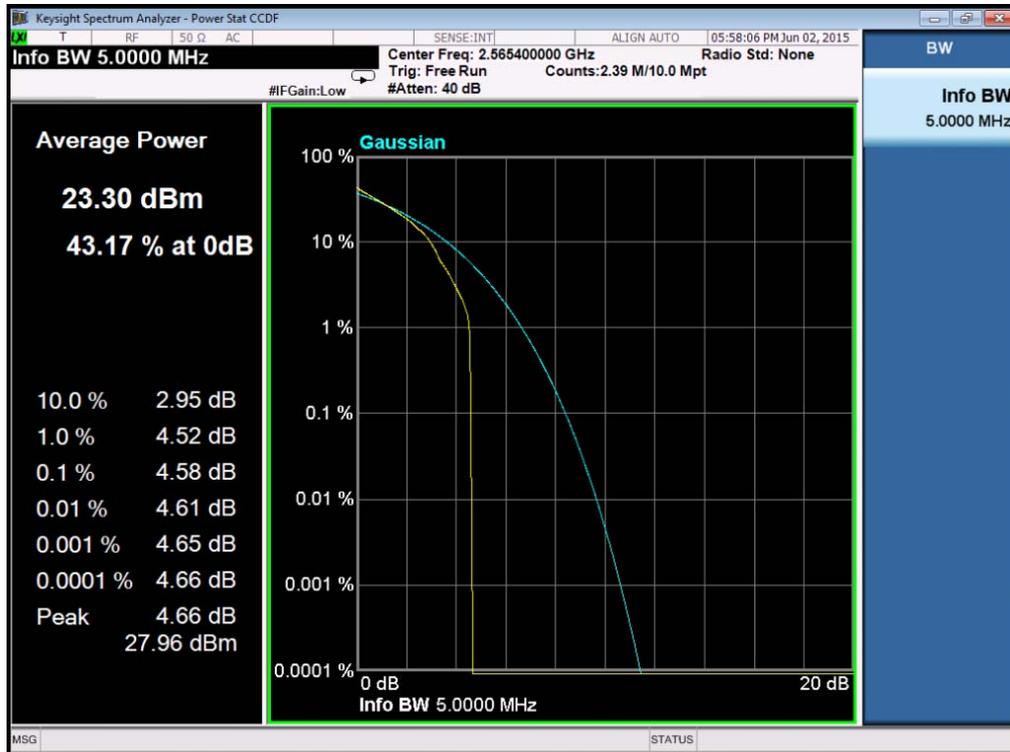
Peak to Average Ratio of Configuration-QPSK-1.4M/1RB channel Lowest



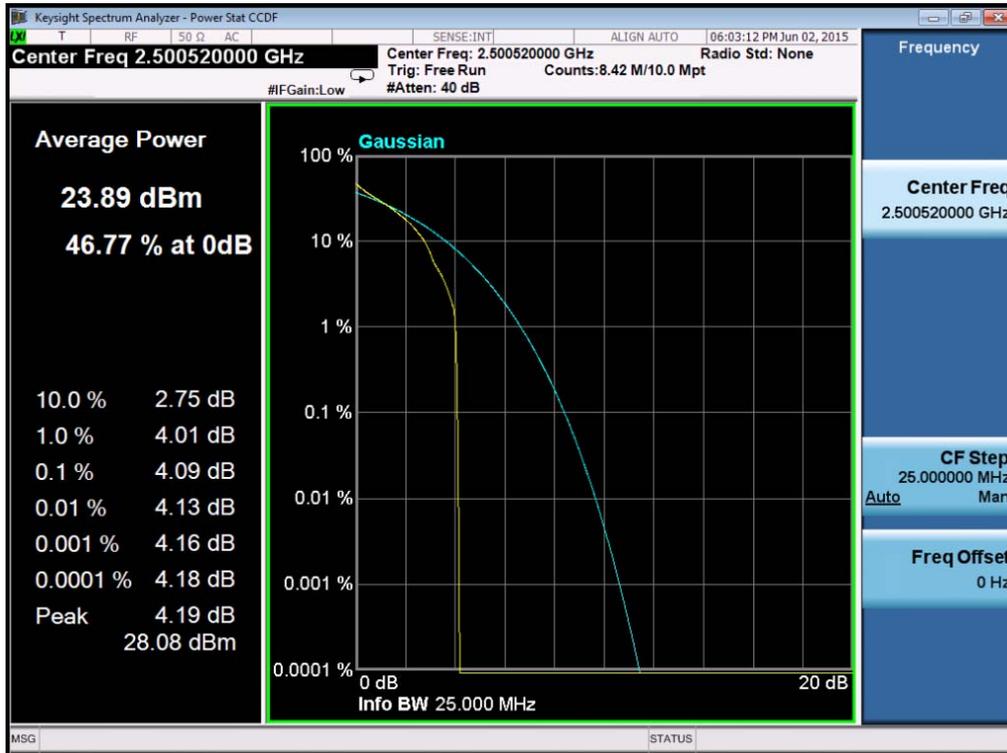
Peak to Average Ratio of Configuration-QPSK-5M/1RB channel Middle



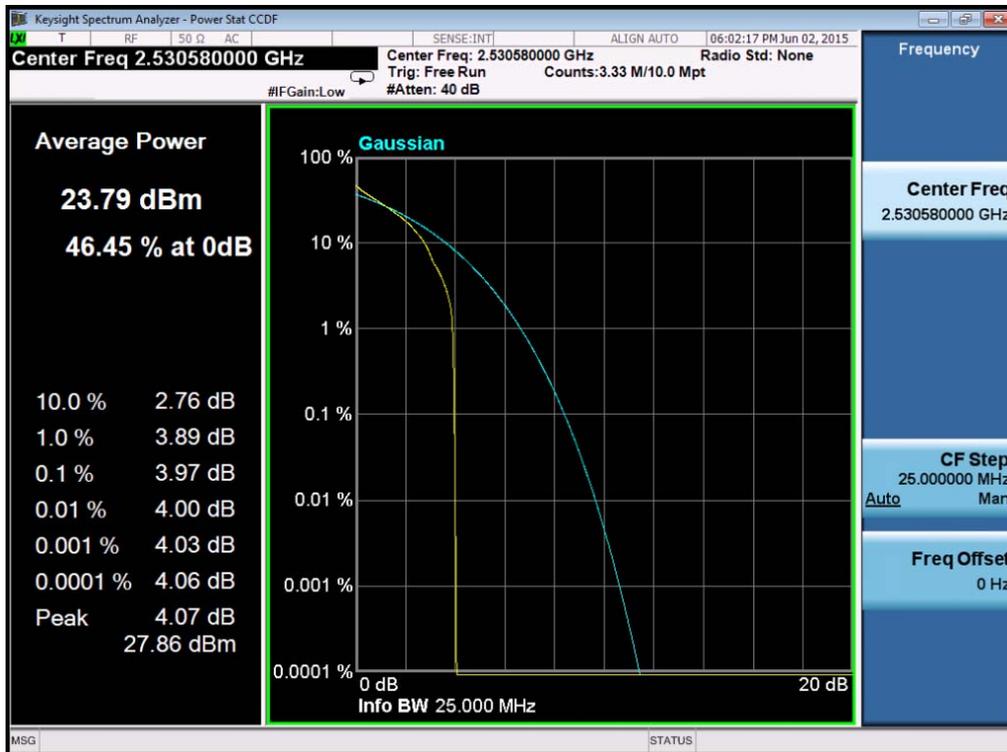
Peak to Average Ratio of Configuration-QPSK-1.4M/1RB channel Highest



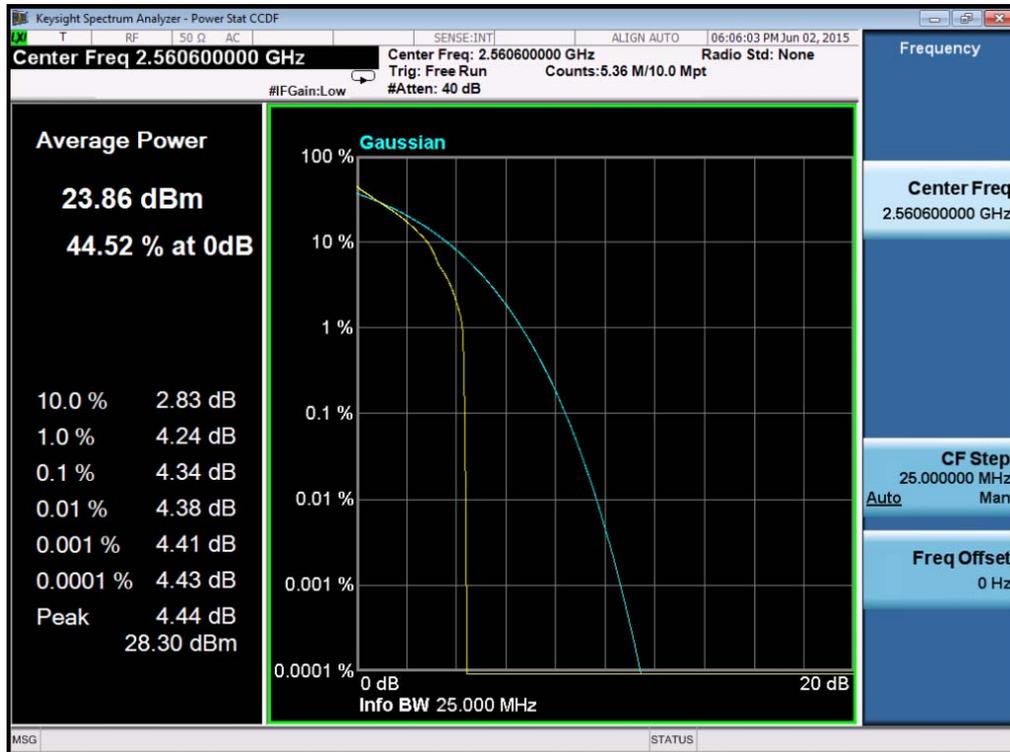
Peak to Average Ratio of Configuration-QPSK-3M/1RB channel Lowest



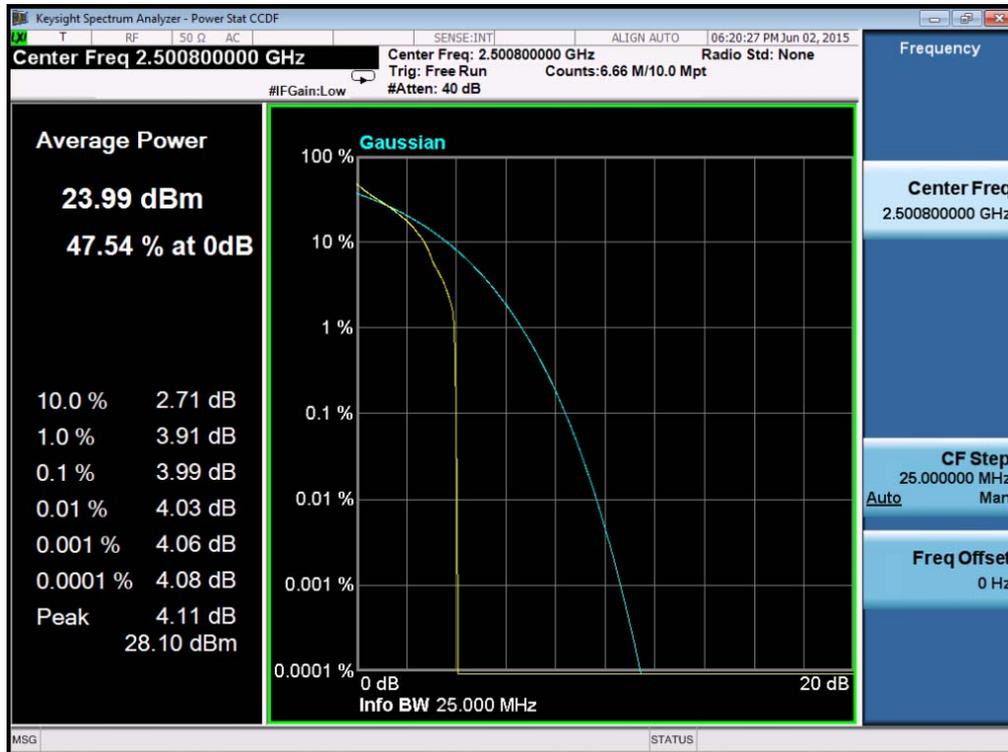
Peak to Average Ratio of Configuration-QPSK-3M/1RB channel Middle



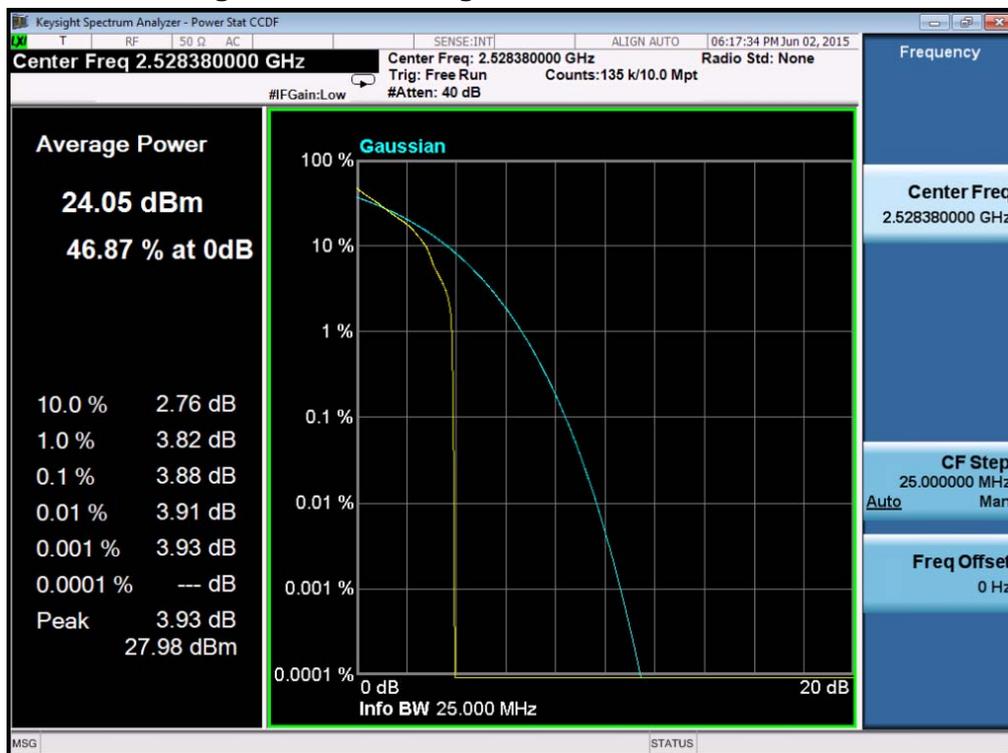
Peak to Average Ratio of Configuration-QPSK-3M/1RB channel Highest



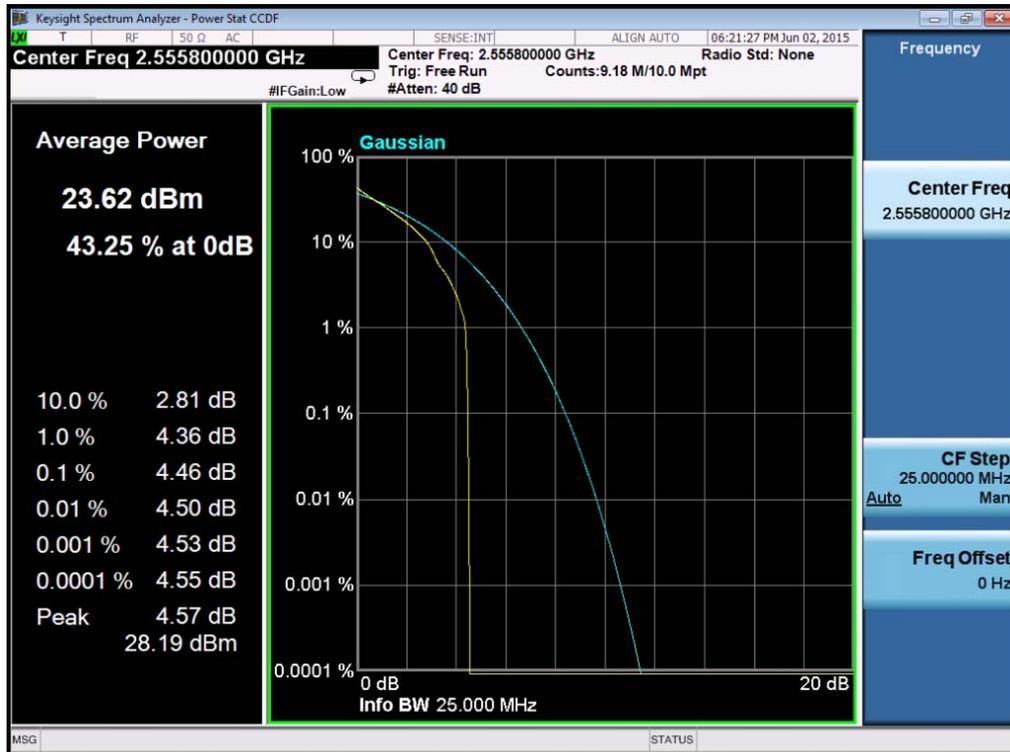
Peak to Average Ratio of Configuration-QPSK-5M/1RB channel Lowest



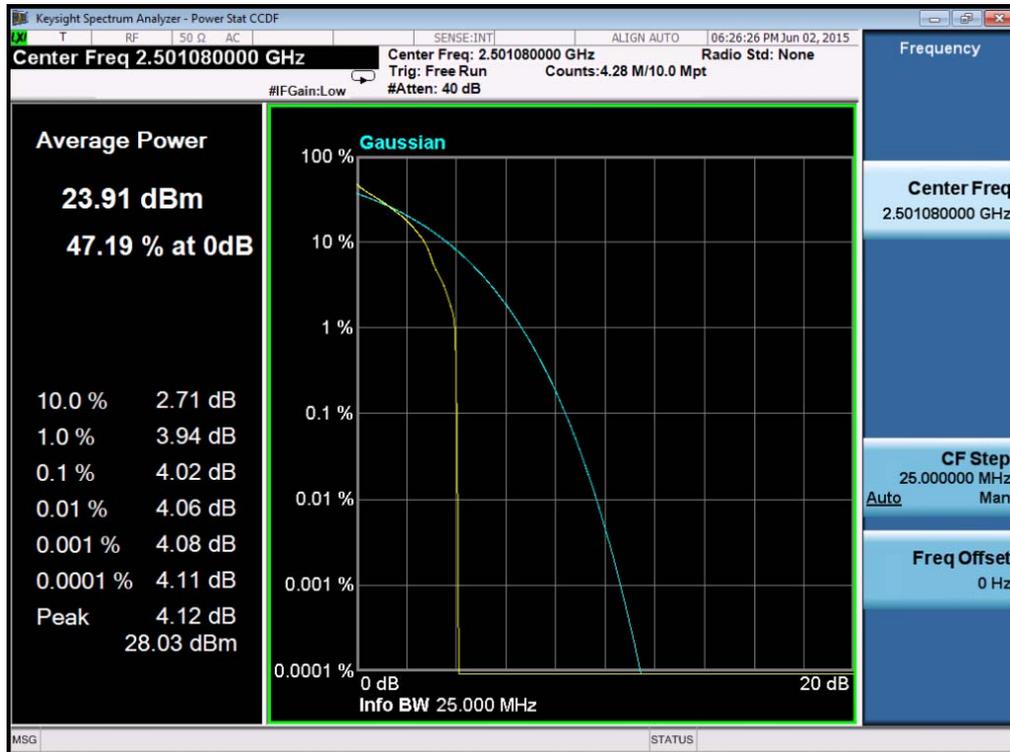
Peak to Average Ratio of Configuration-QPSK-5M/1RB channel Middle



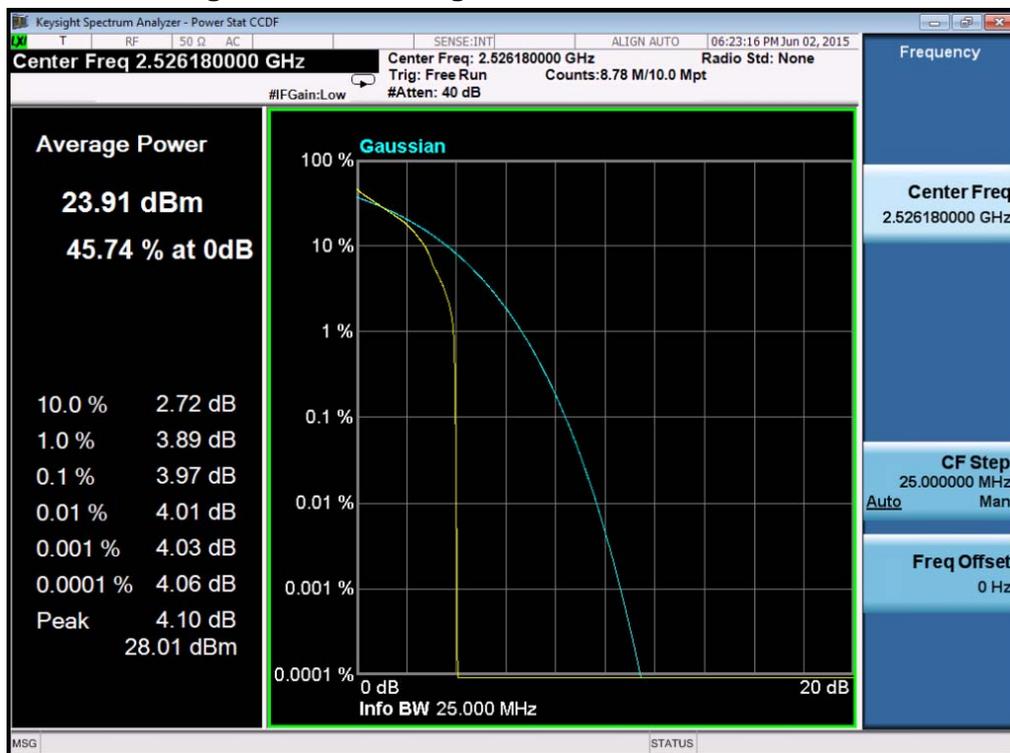
Peak to Average Ratio of Configuration-QPSK-5M/1RB channel Highest



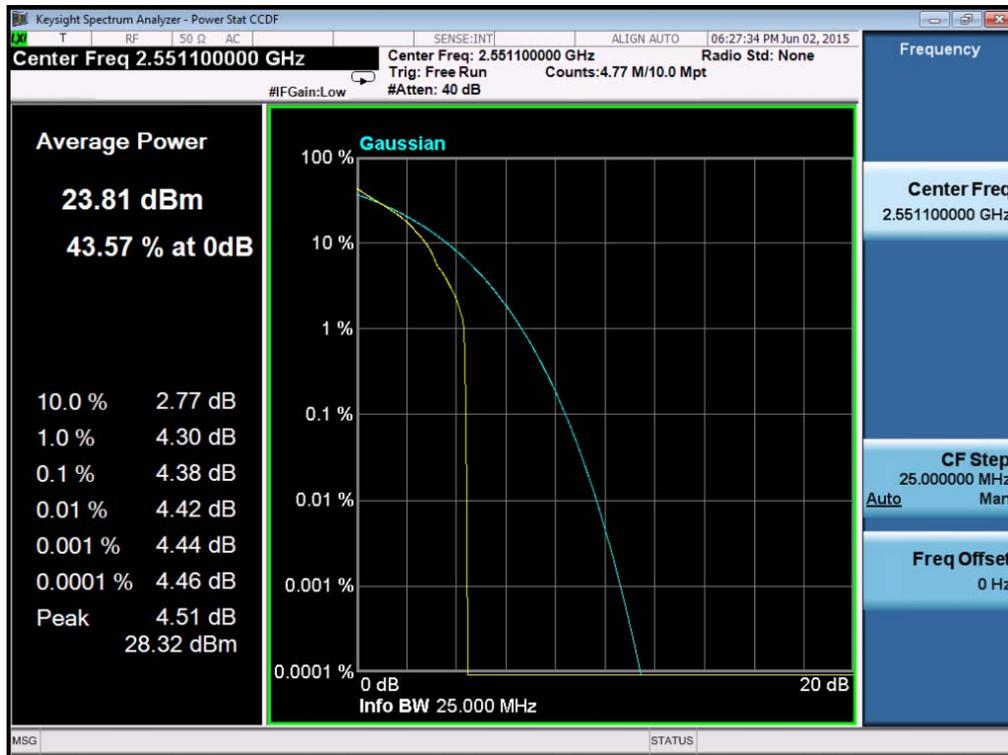
Peak to Average Ratio of Configuration-QPSK-10M/1RB channel Lowest



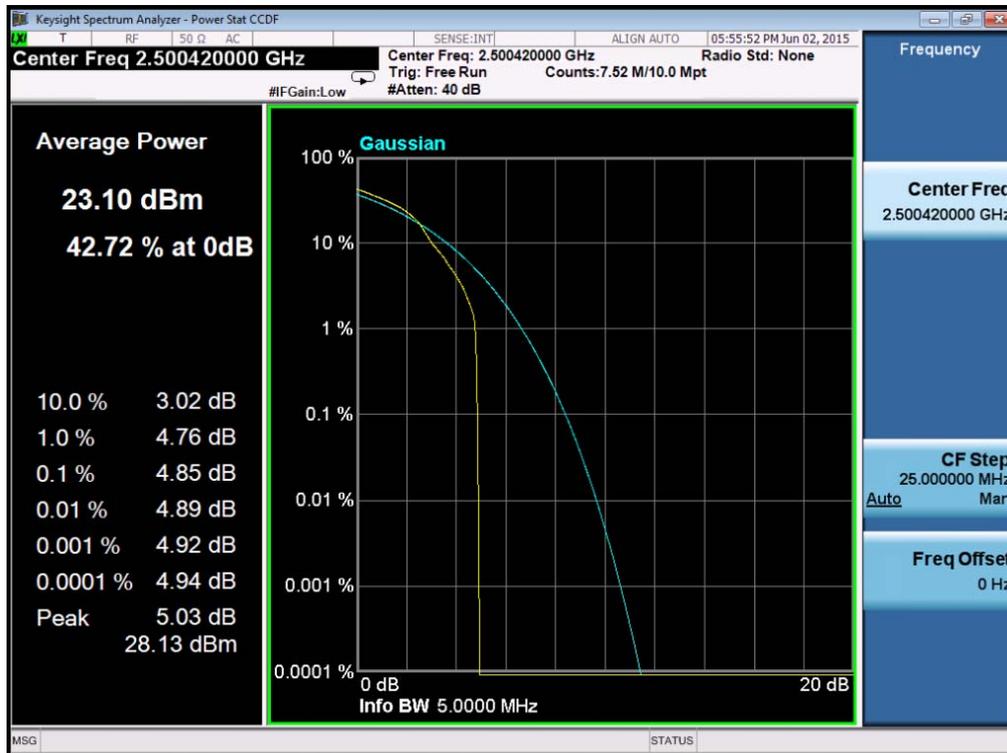
Peak to Average Ratio of Configuration-QPSK-10M/1RB channel Middle



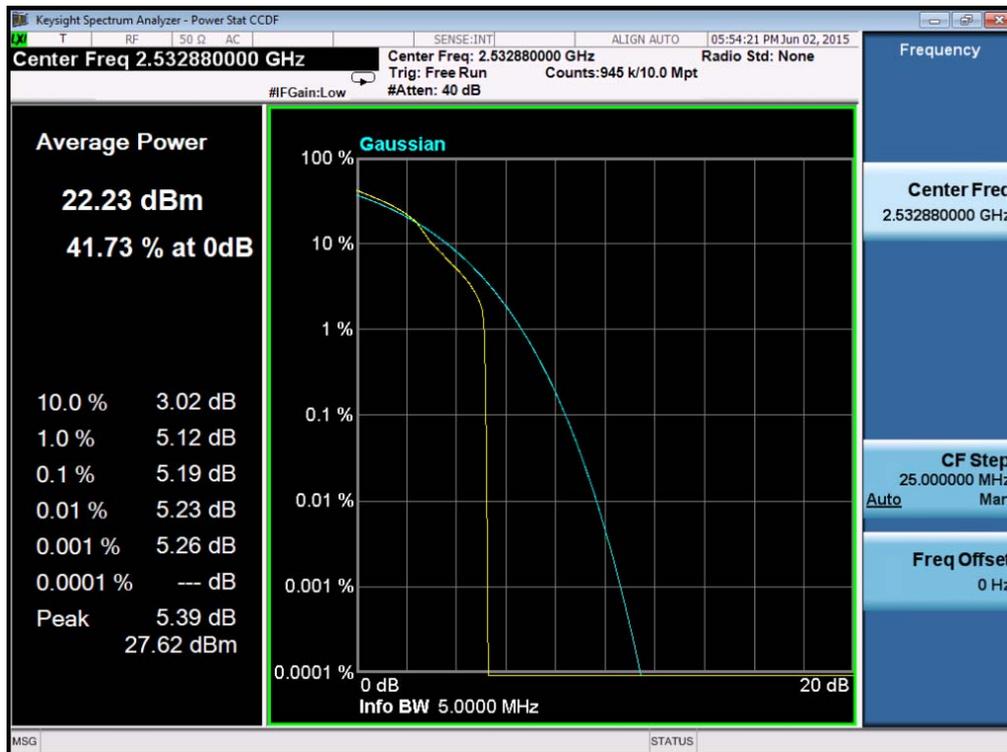
Peak to Average Ratio of Configuration-QPSK-10M/1RB channel Highest



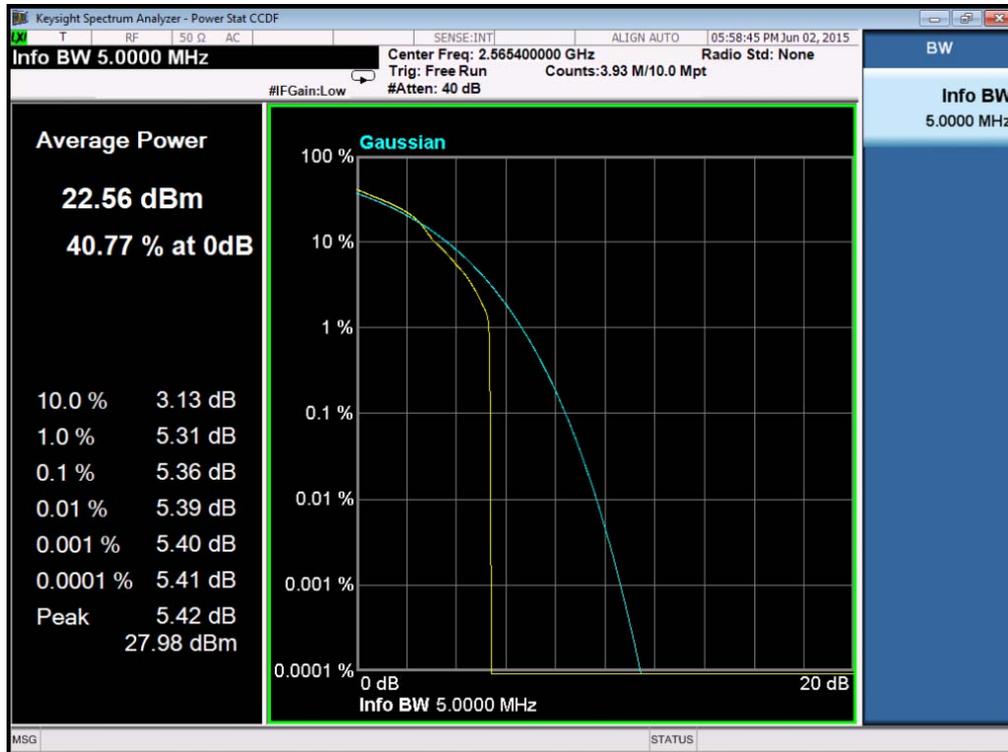
**Peak to Average Ratio of Configuration-16-QAM-1.4M/1RB channel
Lowest**



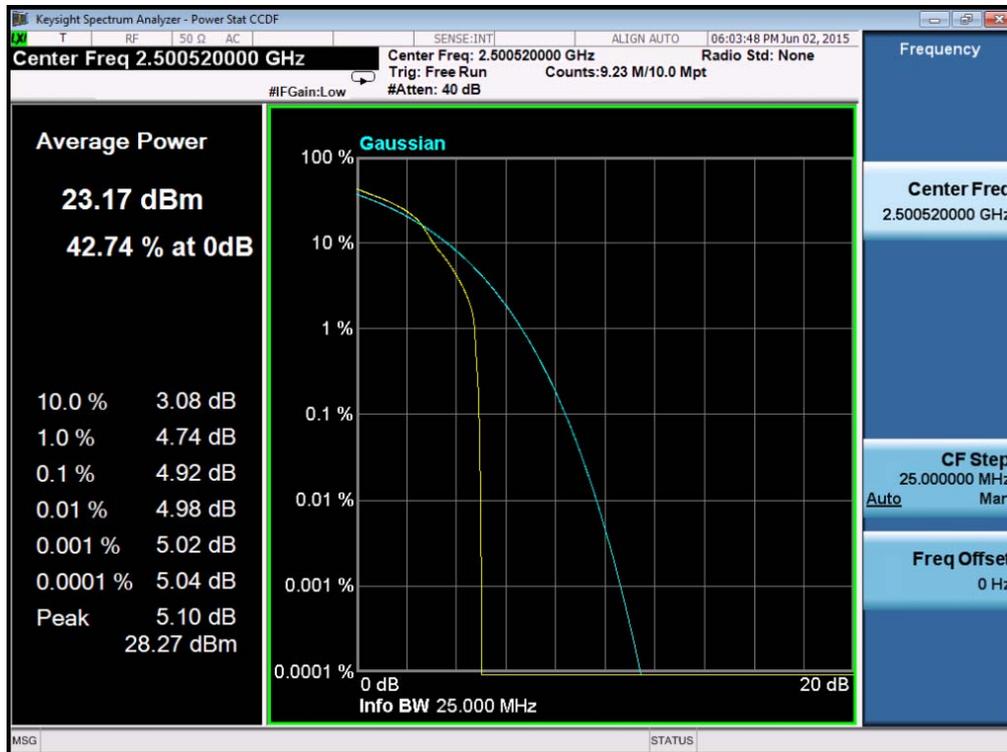
**Peak to Average Ratio of Configuration-16-QAM-1.4M/1RB channel
Middle**



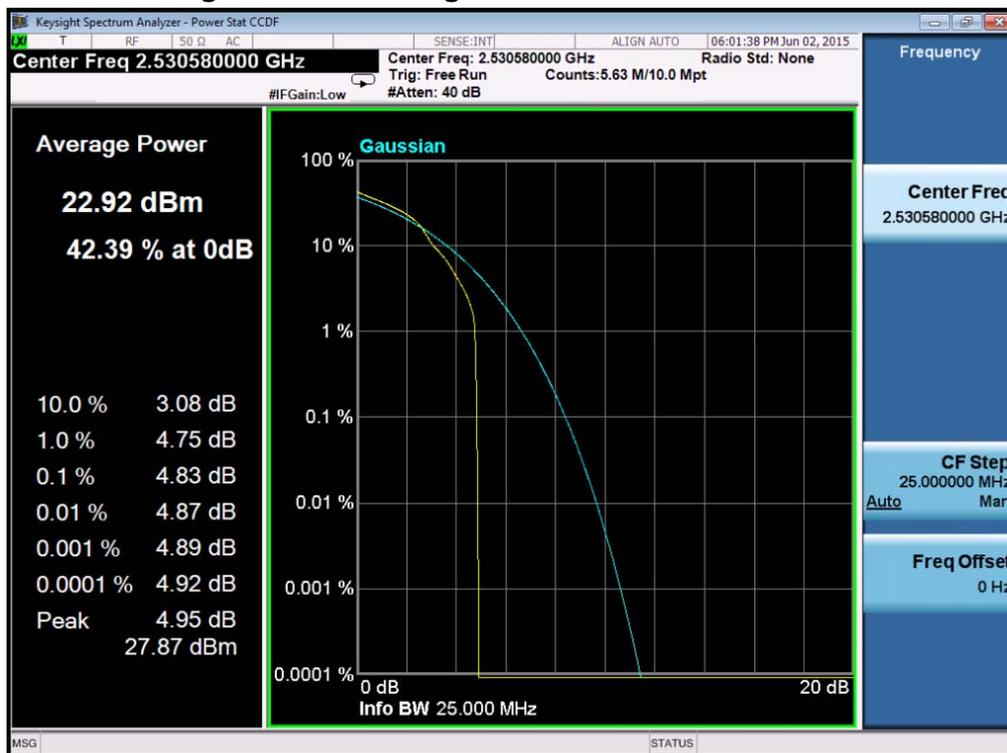
Peak to Average Ratio of Configuration-16-QAM-1.4M/1RB channel Highest



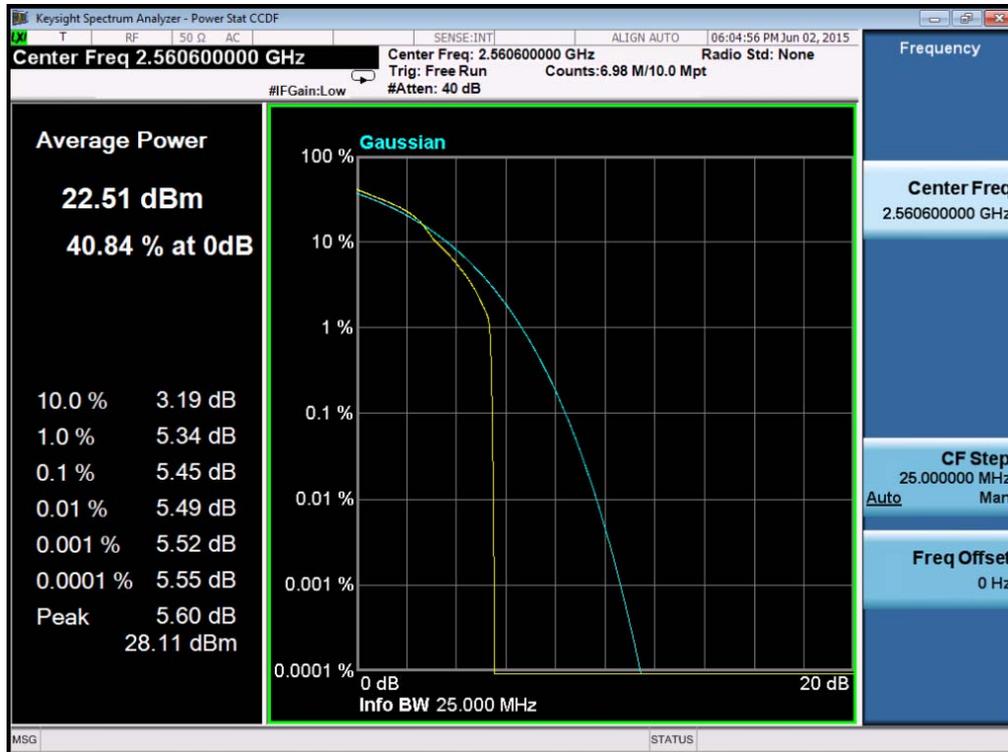
Peak to Average Ratio of Configuration-16-QAM-3M/1RB channel Lowest



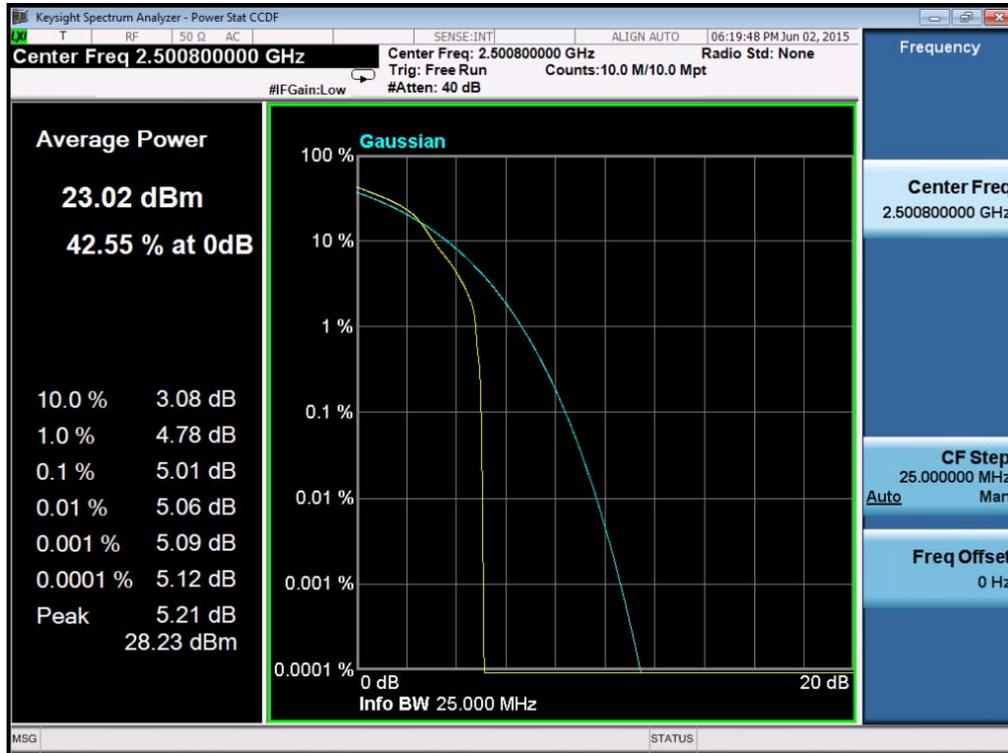
Peak to Average Ratio of Configuration-16-QAM-3M/1RB channel Middle



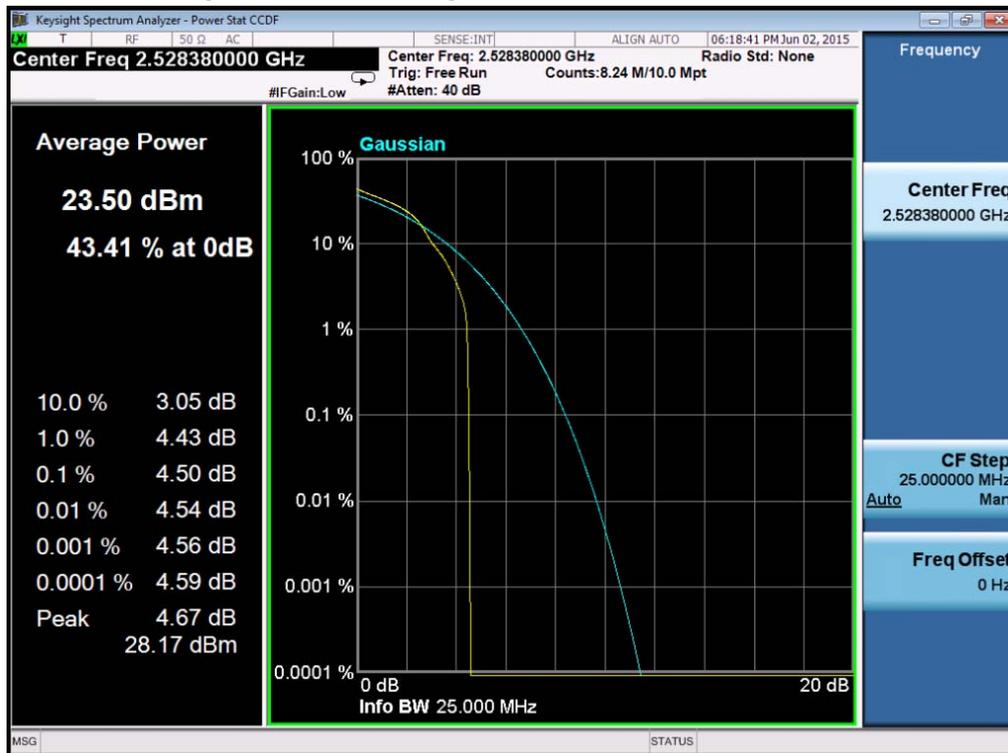
Peak to Average Ratio of Configuration-16-QAM-3M/1RB channel Highest



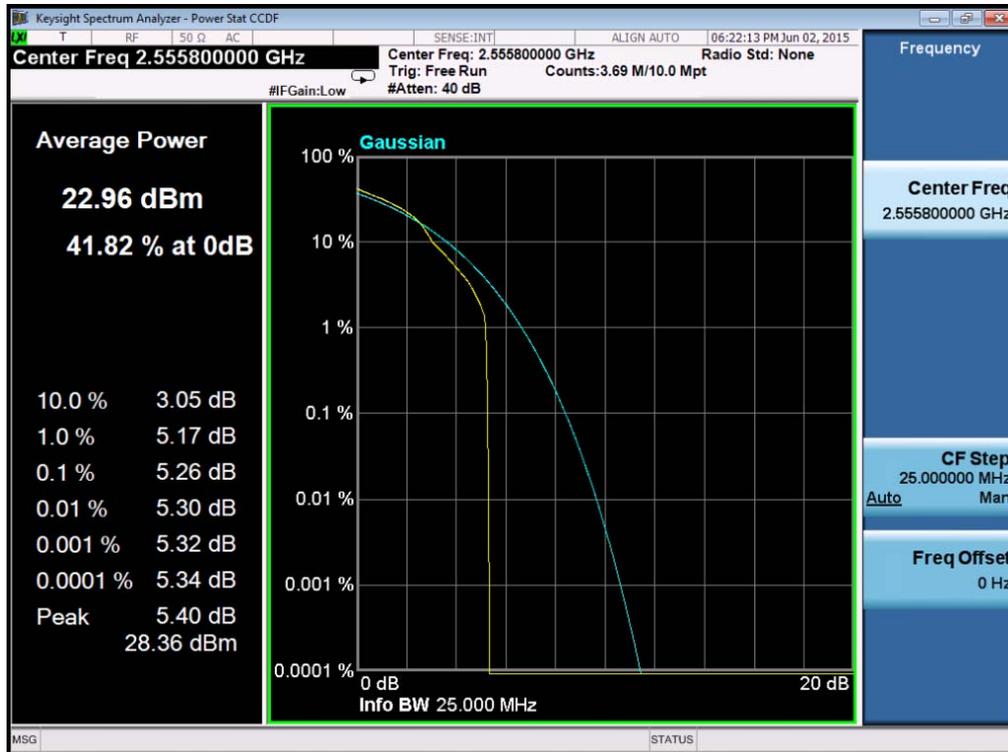
Peak to Average Ratio of Configuration-16-QAM-5M/1RB channel Lowest



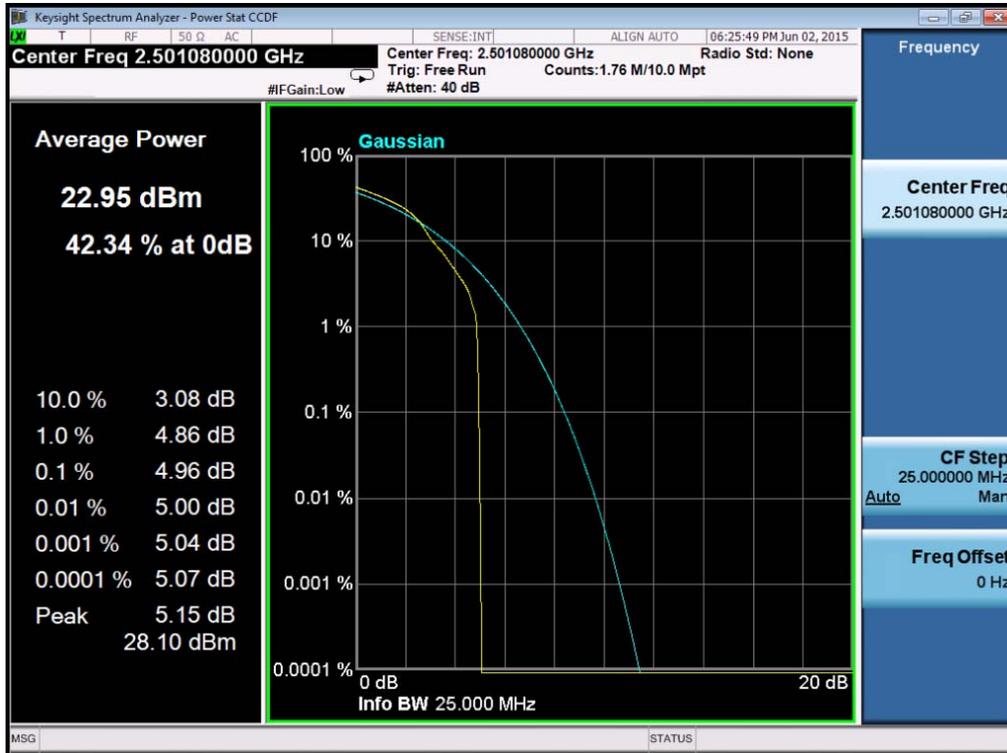
Peak to Average Ratio of Configuration-16-QAM-5M/1RB channel Middle



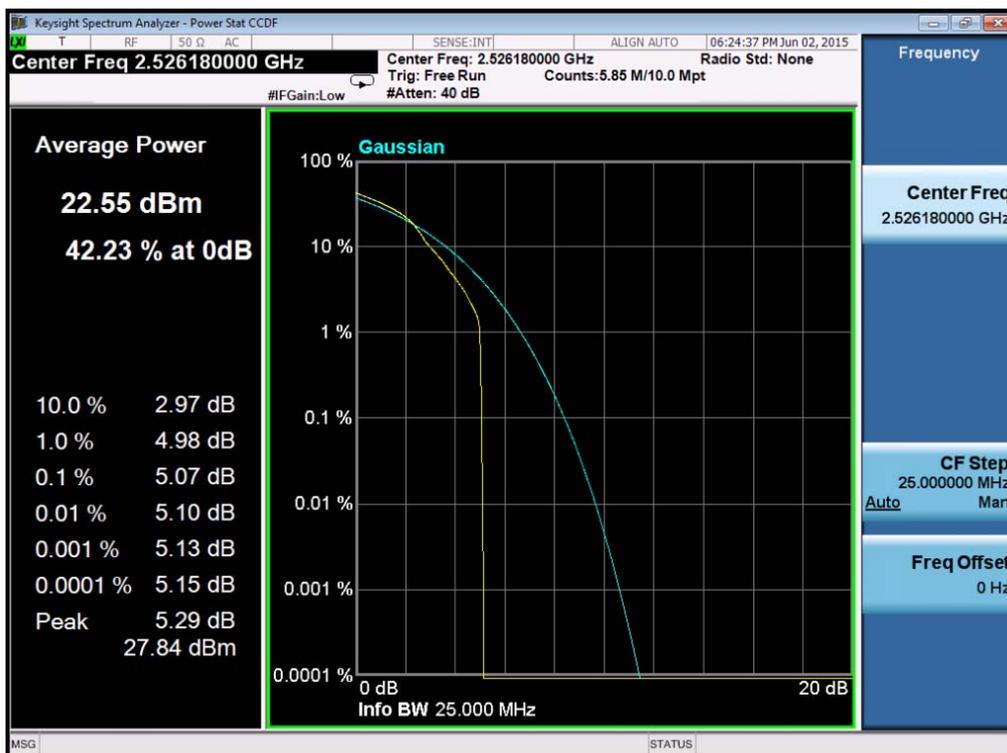
Peak to Average Ratio of Configuration-16-QAM-5M/1RB channel Highest



**Peak to Average Ratio of Configuration-16-QAM-10M/1RB channel
Lowest**



**Peak to Average Ratio of Configuration-16-QAM-10M/1RB channel
Middle**



Peak to Average Ratio of Configuration-16-QAM-10M/1RB channel Highest

