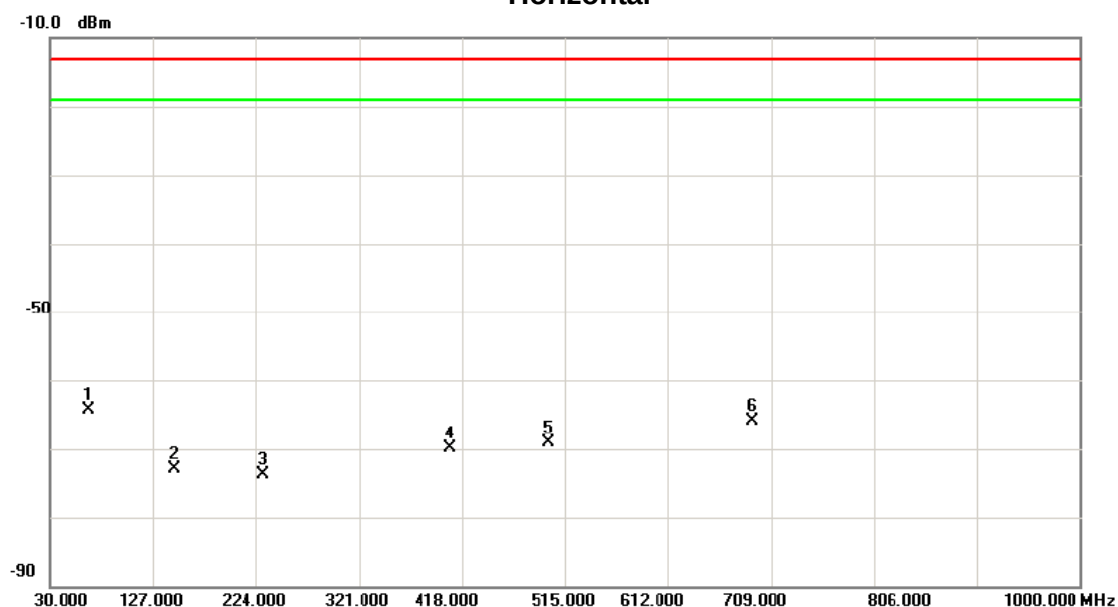


Test Mode: TX Channel Middle-QPSK 5M/1RB

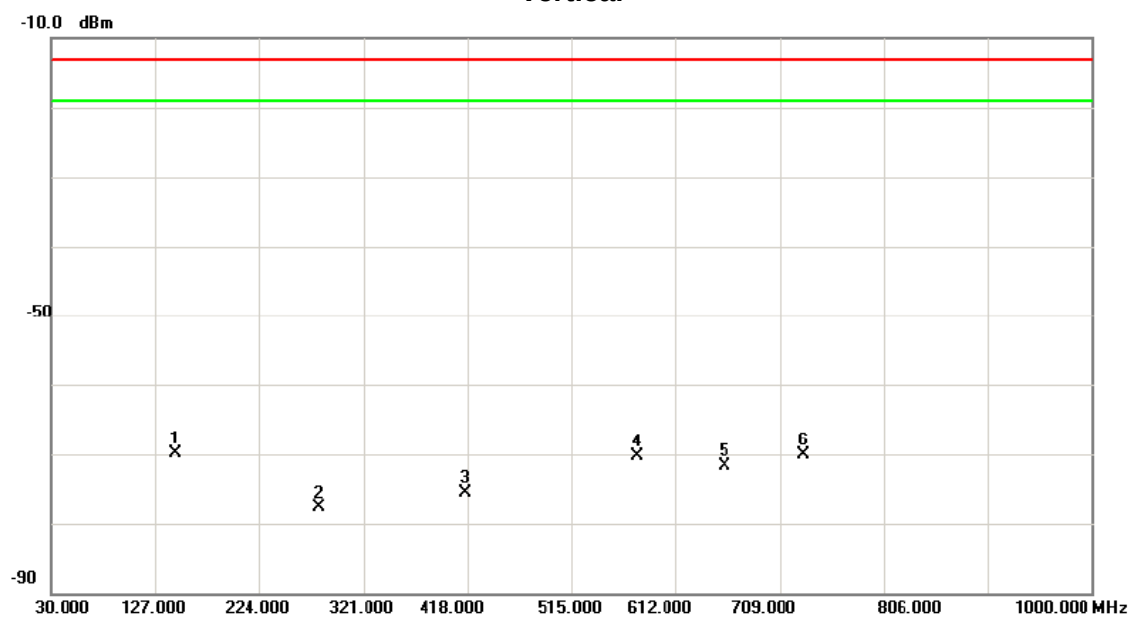
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	66.8600	-62.06	-2.27	-64.33	-13.00	-51.33	peak	
2		146.4000	-76.74	3.84	-72.90	-13.00	-59.90	peak	
3		230.7900	-76.86	3.18	-73.68	-13.00	-60.68	peak	
4		406.3600	-76.01	6.20	-69.81	-13.00	-56.81	peak	
5		499.4800	-77.19	8.02	-69.17	-13.00	-56.17	peak	
6		691.5400	-79.25	13.40	-65.85	-13.00	-52.85	peak	

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

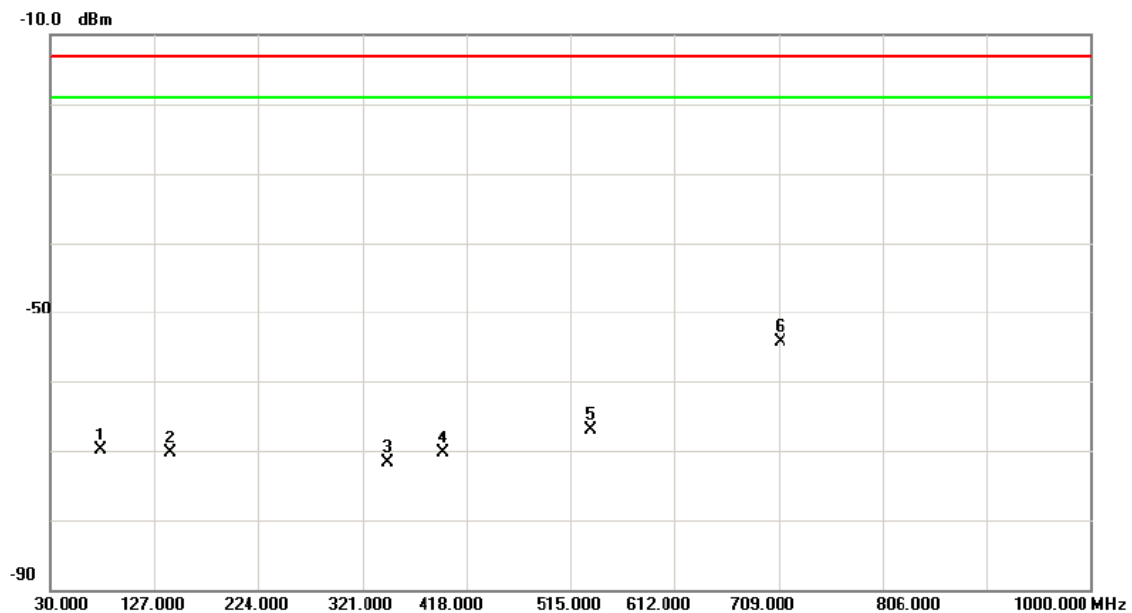
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	145.4300	-72.53	2.69	-69.84	-13.00	-56.84	peak	
2		280.2600	-80.26	2.64	-77.62	-13.00	-64.62	peak	
3		416.0600	-80.14	4.54	-75.60	-13.00	-62.60	peak	
4		576.1100	-78.41	8.10	-70.31	-13.00	-57.31	peak	
5		657.5900	-81.84	10.17	-71.67	-13.00	-58.67	peak	
6		731.3100	-81.75	11.73	-70.02	-13.00	-57.02	peak	

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

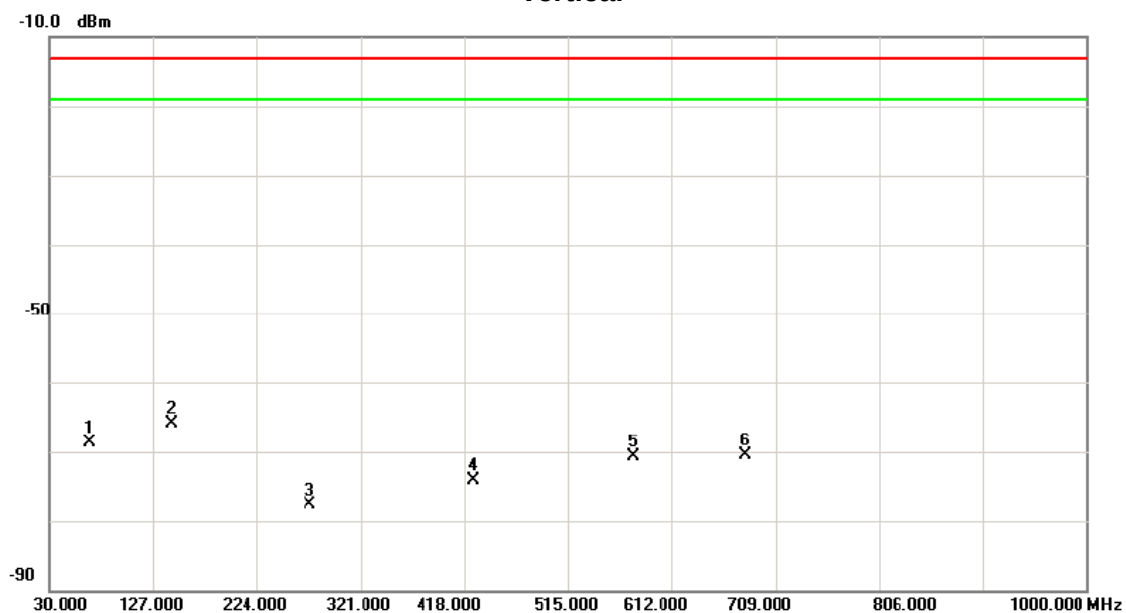
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		77.5300	-62.74	-7.24	-69.98	-13.00	-56.98	peak	
2		141.5500	-73.55	3.30	-70.25	-13.00	-57.25	peak	
3		345.2500	-74.48	2.84	-71.64	-13.00	-58.64	peak	
4		396.6600	-76.18	5.92	-70.26	-13.00	-57.26	peak	
5		533.4300	-75.04	8.09	-66.95	-13.00	-53.95	peak	
6	*	710.9400	-68.06	13.72	-54.34	-13.00	-41.34	peak	

Test Mode: TX Channel Middle-QPSK 15M/1RB

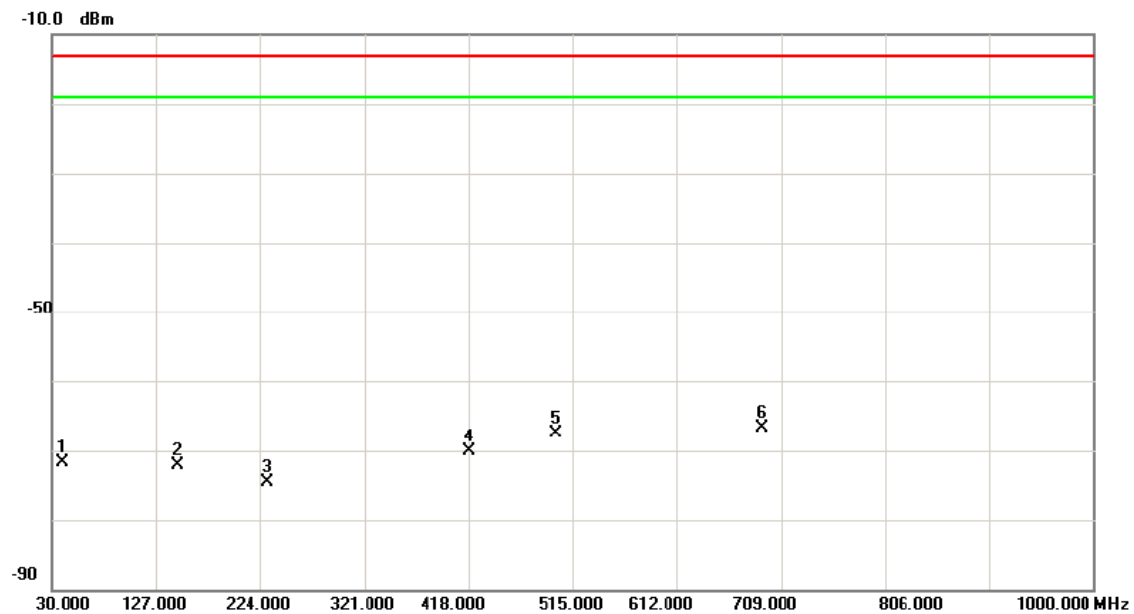
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		67.8300	-69.12	0.40	-68.72	-13.00	-55.72	peak	
2	*	144.4600	-68.56	2.60	-65.96	-13.00	-52.96	peak	
3		273.4700	-80.02	2.35	-77.67	-13.00	-64.67	peak	
4		425.7600	-78.66	4.57	-74.09	-13.00	-61.09	peak	
5		576.1100	-78.83	8.10	-70.73	-13.00	-57.73	peak	
6		680.8700	-80.76	10.34	-70.42	-13.00	-57.42	peak	

Test Mode: TX Channel Middle-QPSK 15M/1RB

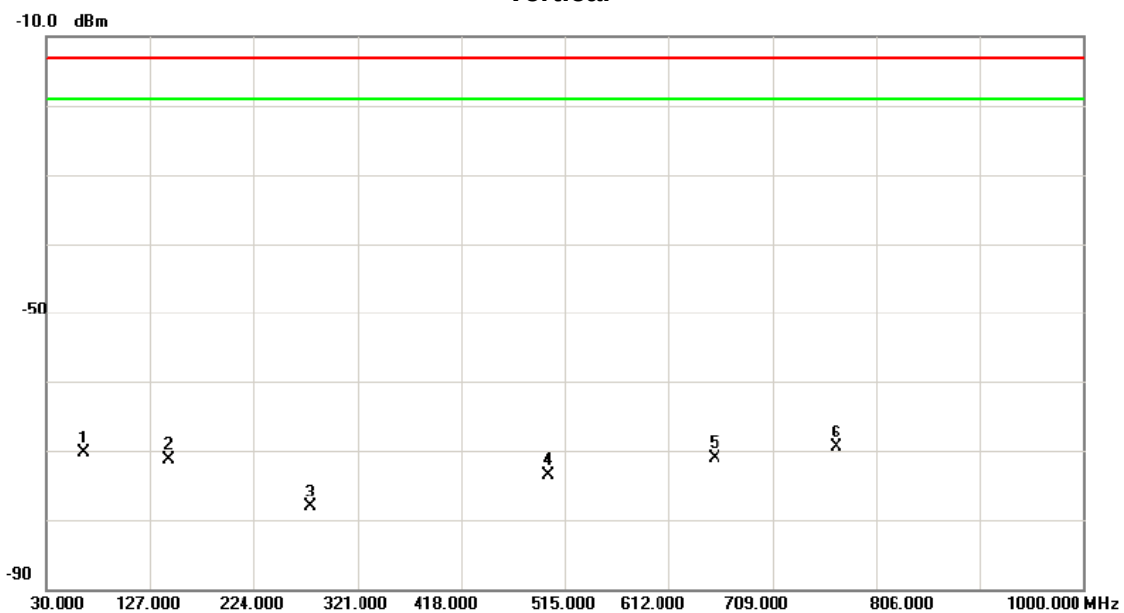
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		39.7000	-73.77	1.97	-71.80	-13.00	-58.80	peak	
2		146.4000	-75.90	3.84	-72.06	-13.00	-59.06	peak	
3		230.7900	-77.70	3.18	-74.52	-13.00	-61.52	peak	
4		418.9700	-76.87	6.83	-70.04	-13.00	-57.04	peak	
5		499.4800	-75.44	8.02	-67.42	-13.00	-54.42	peak	
6	*	691.5400	-80.03	13.40	-66.63	-13.00	-53.63	peak	

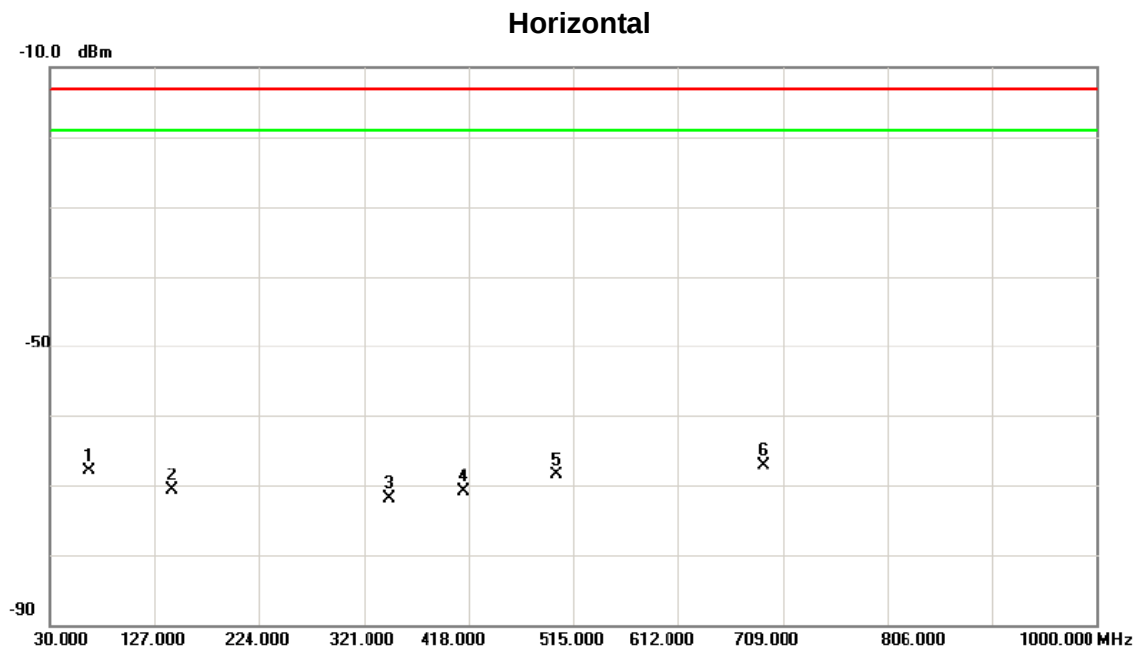
Test Mode: TX Channel Middle-QPSK 20M/1RB

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		65.8900	-71.19	0.89	-70.30	-13.00	-57.30	peak	
2		144.4600	-73.87	2.60	-71.27	-13.00	-58.27	peak	
3		277.3500	-80.59	2.53	-78.06	-13.00	-65.06	peak	
4		499.4800	-80.98	7.52	-73.46	-13.00	-60.46	peak	
5		654.6800	-81.21	10.15	-71.06	-13.00	-58.06	peak	
6	*	769.1400	-81.76	12.25	-69.51	-13.00	-56.51	peak	

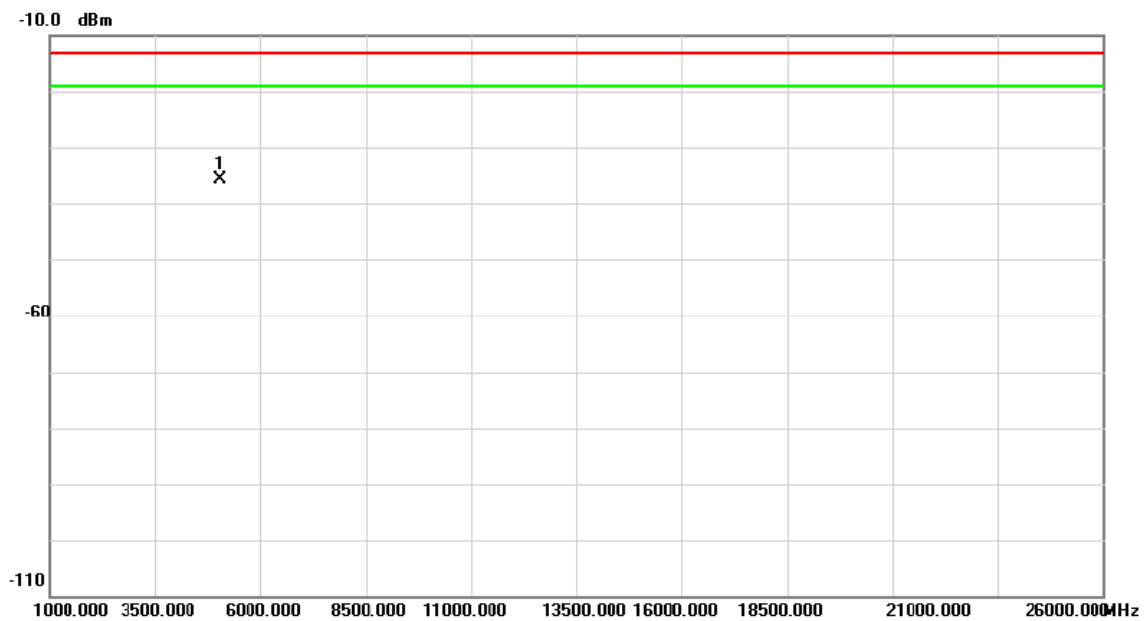
Test Mode: TX Channel Middle-QPSK 20M/1RB



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		66.8600	-65.57	-2.27	-67.84	-13.00	-54.84	peak	
2		142.5200	-74.02	3.41	-70.61	-13.00	-57.61	peak	
3		345.2500	-74.82	2.84	-71.98	-13.00	-58.98	peak	
4		413.1500	-77.47	6.54	-70.93	-13.00	-57.93	peak	
5		499.4800	-76.57	8.02	-68.55	-13.00	-55.55	peak	
6	*	691.5400	-80.52	13.40	-67.12	-13.00	-54.12	peak	

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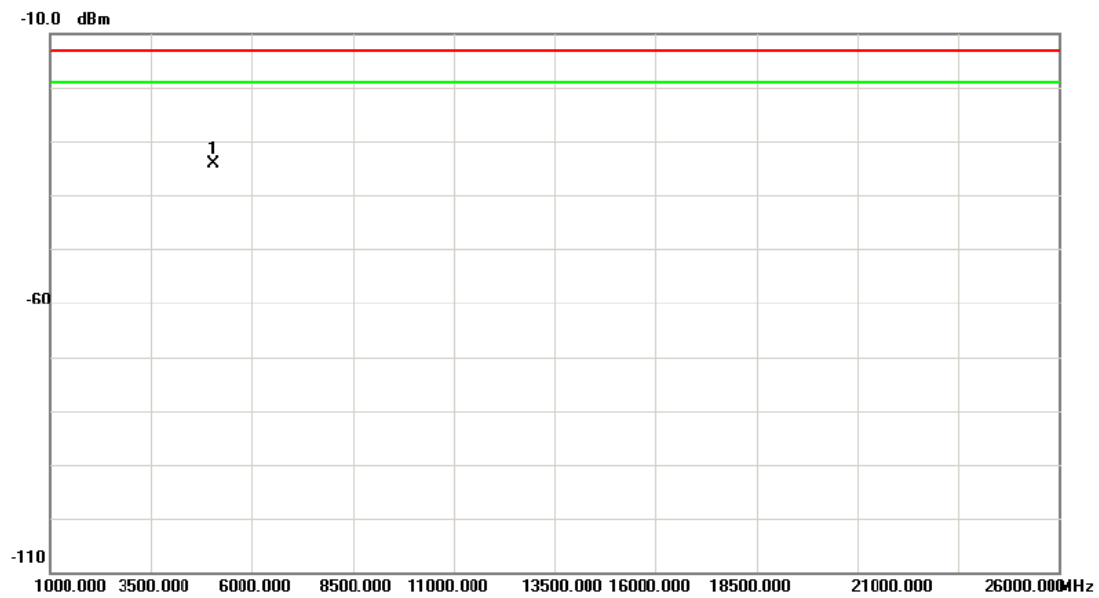
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5065.680	-47.96	12.24	-35.72	-13.00	-22.72	peak	

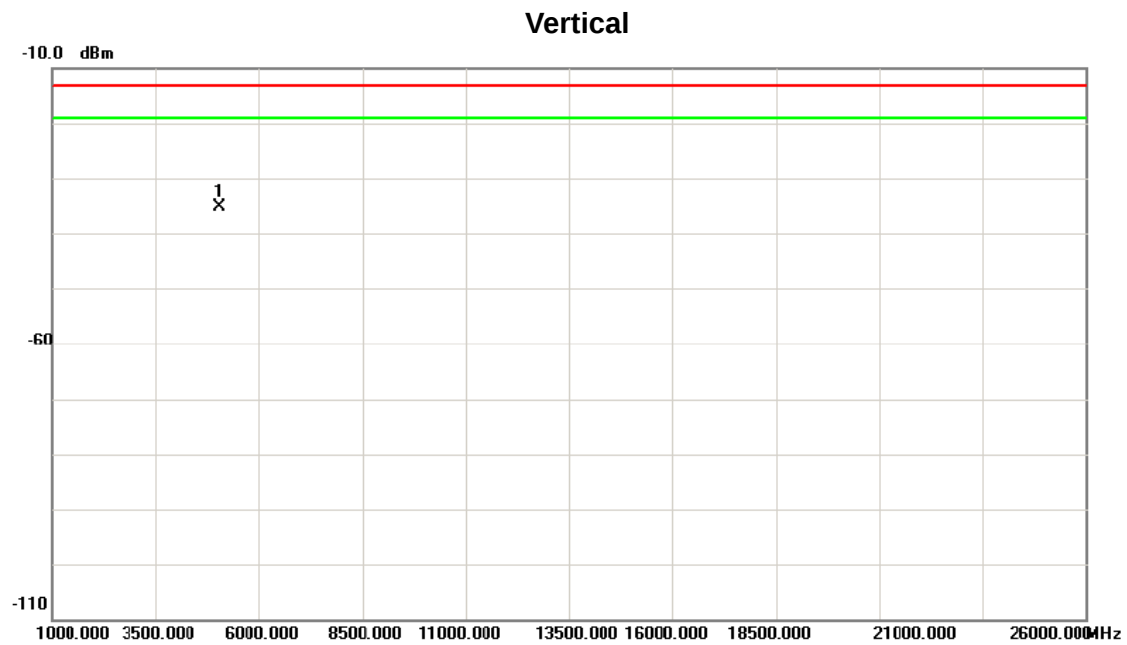
Test Mode: TX Channel Middle-QPSK 5M/1RB

Horizontal



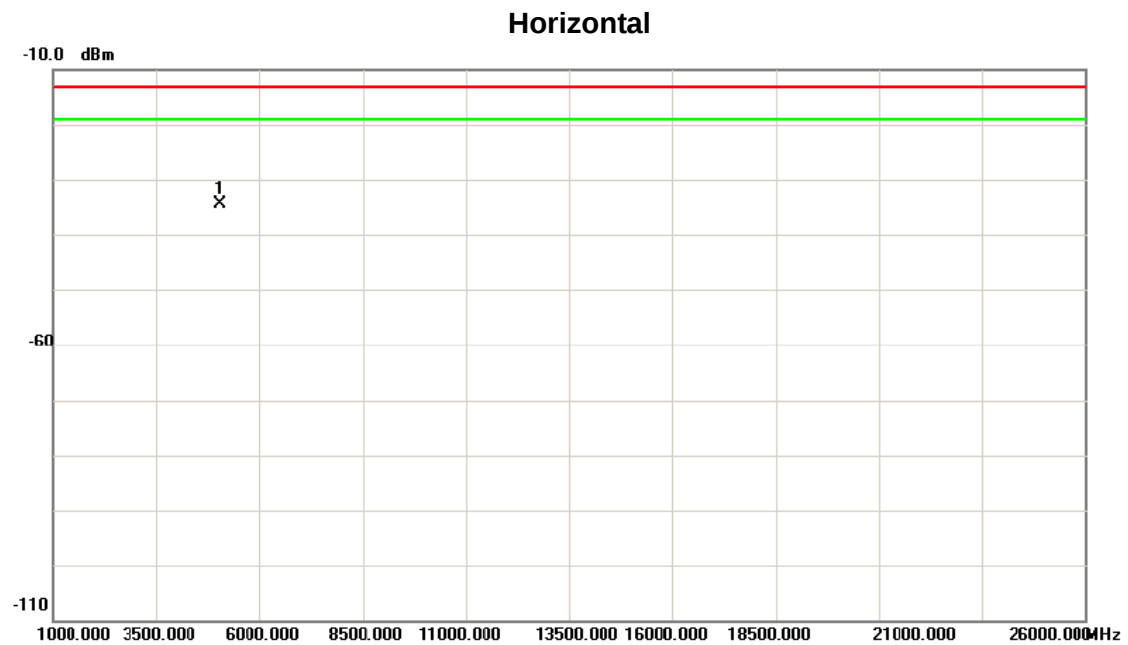
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5065.600	-42.97	8.83	-34.14	-13.00	-21.14	peak	

Test Mode:	TX Channel Middle-QPSK 10M/1RB
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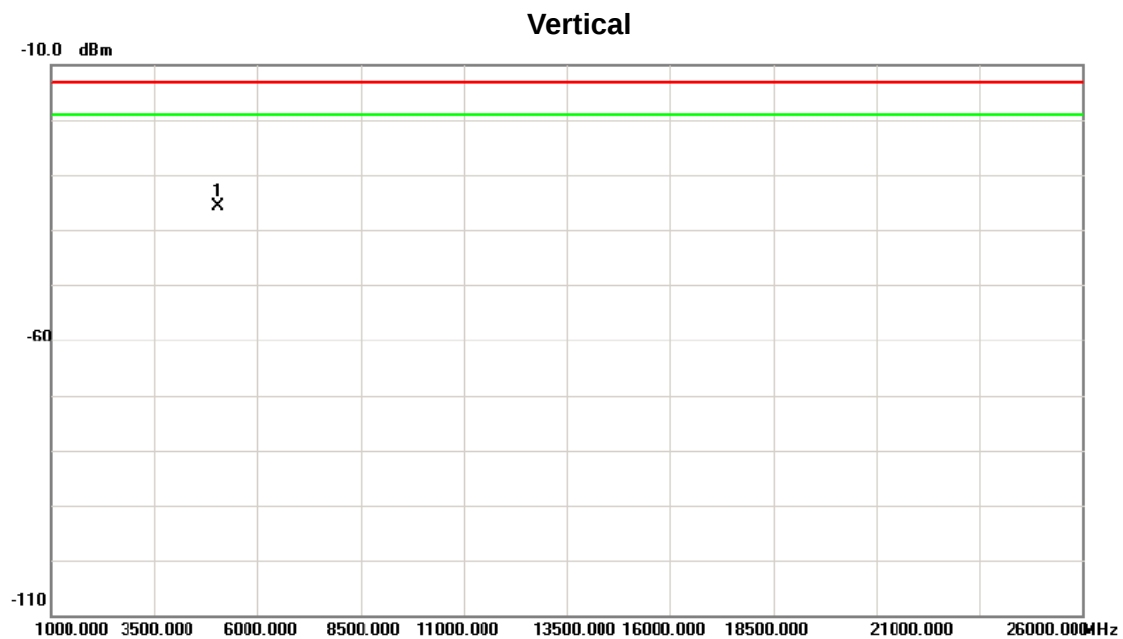
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5061.240	-47.42	12.23	-35.19	-13.00	-22.19	peak	

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



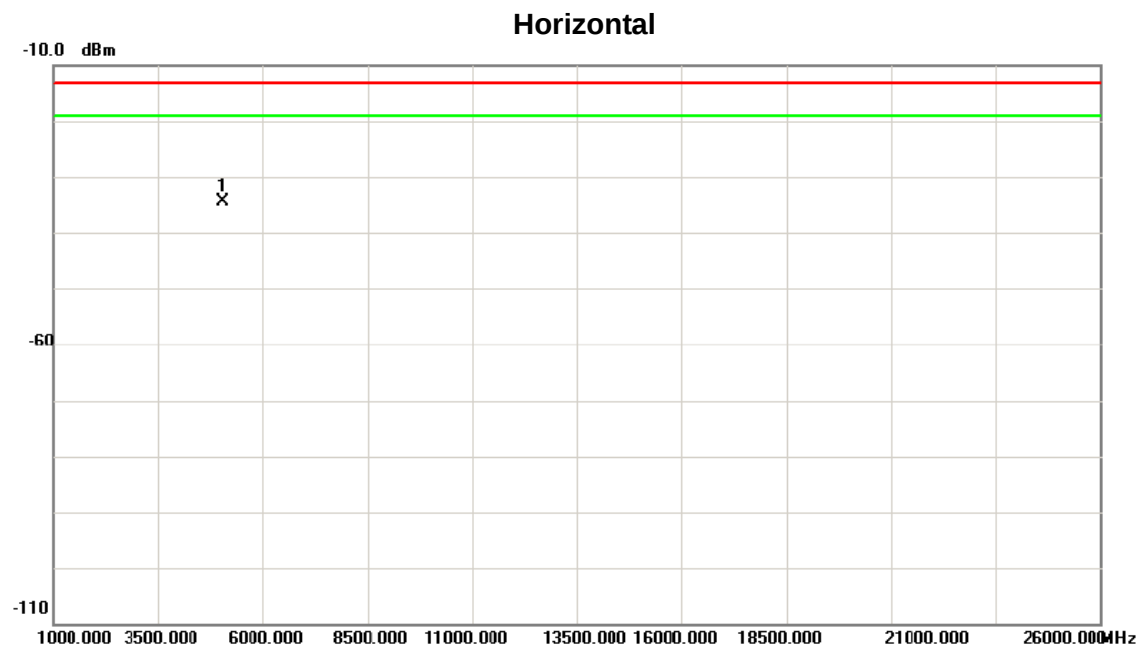
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		
1	*	5061.140	-43.13	8.83	-34.30	-13.00	-21.30	peak	

Test Mode:	TX Channel Middle-QPSK 15M/1RB
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5056.550	-47.73	12.22	-35.51	-13.00	-22.51	peak	

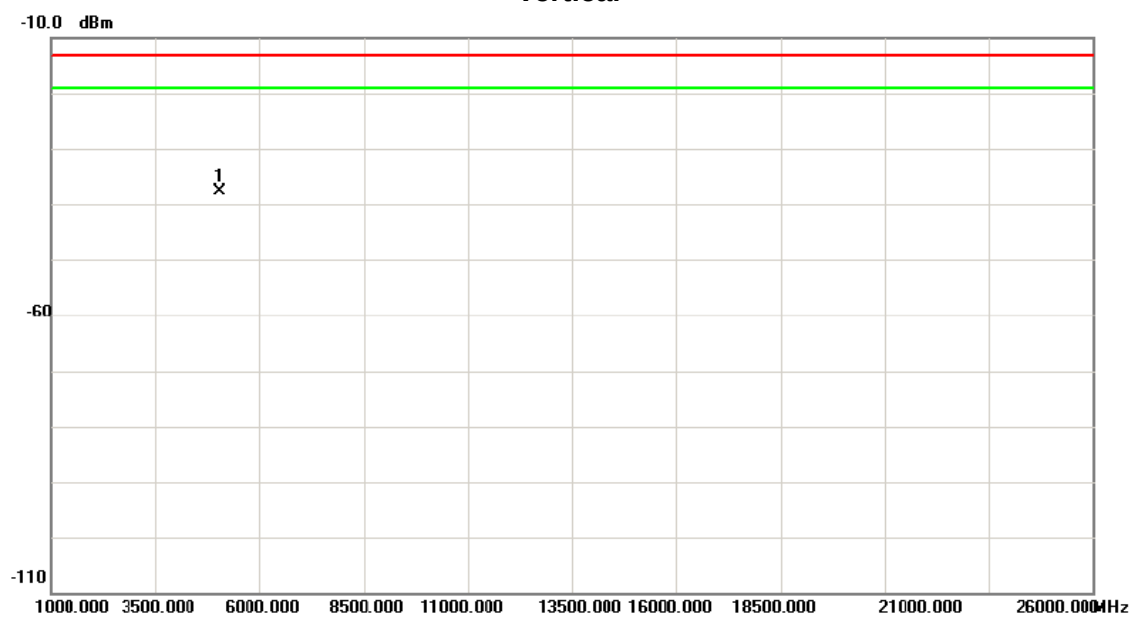
Test Mode: TX Channel Middle-QPSK 15M/1RB



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5056.550	-43.30	8.84	-34.46	-13.00	-21.46	peak	

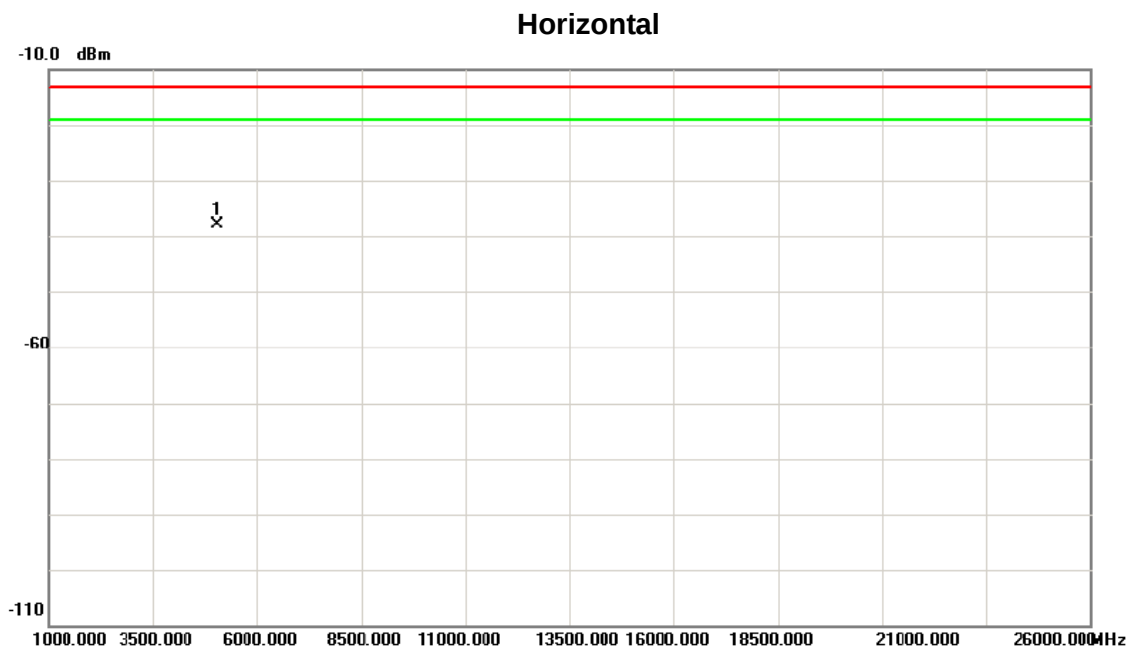
Test Mode:	TX Channel Middle-QPSK 20M/1RB
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Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5052.200	-49.86	12.22	-37.64	-13.00	-24.64	peak	

Test Mode: TX Channel Middle-QPSK 20M/1RB

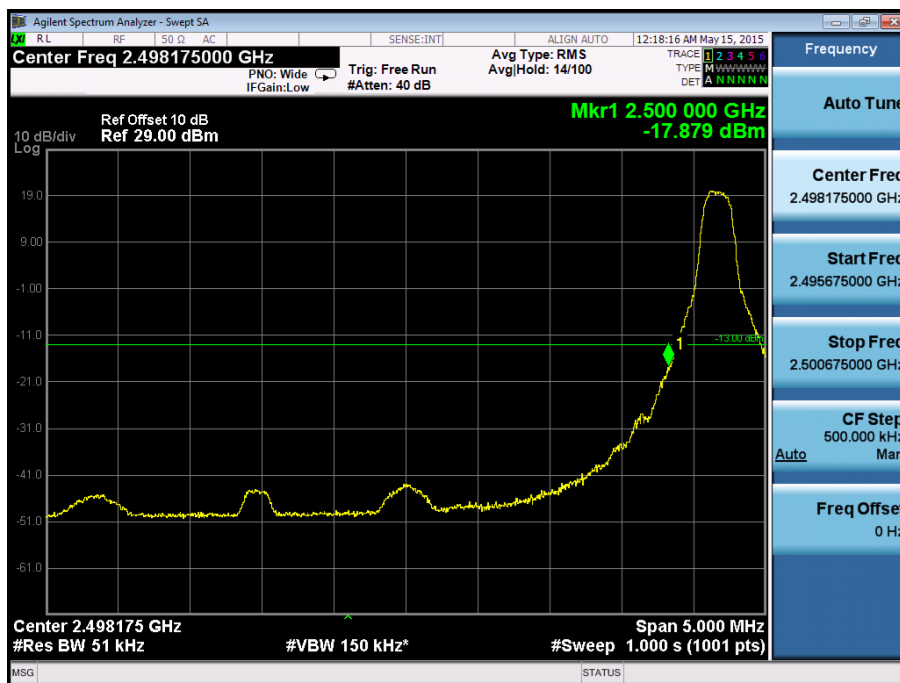


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5052.200	-46.61	8.84	-37.77	-13.00	-24.77	peak	

ATTACHMENTE - BAND EDGE

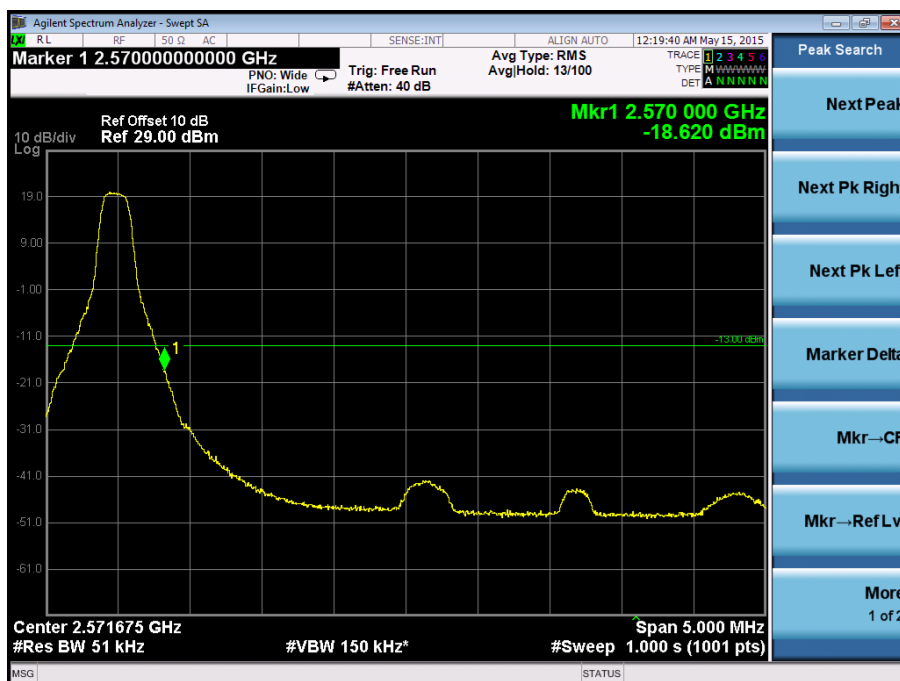
Band Edge on Configuration QPSK-5M / 1RB Channel

Lowest-CONDUCTED MODE



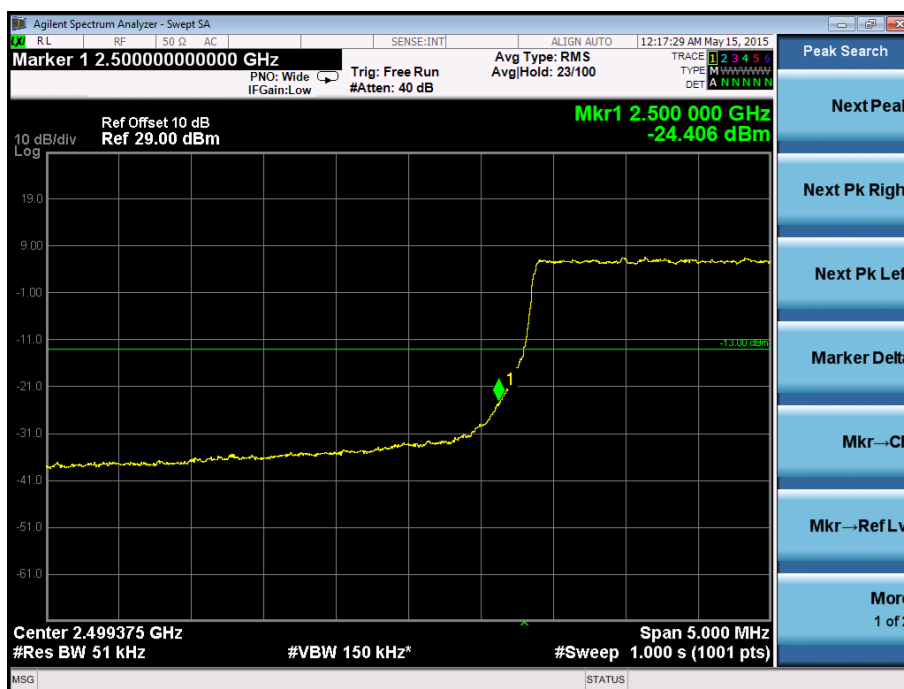
Band Edge on Configuration QPSK-5M / 1RB Channel

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



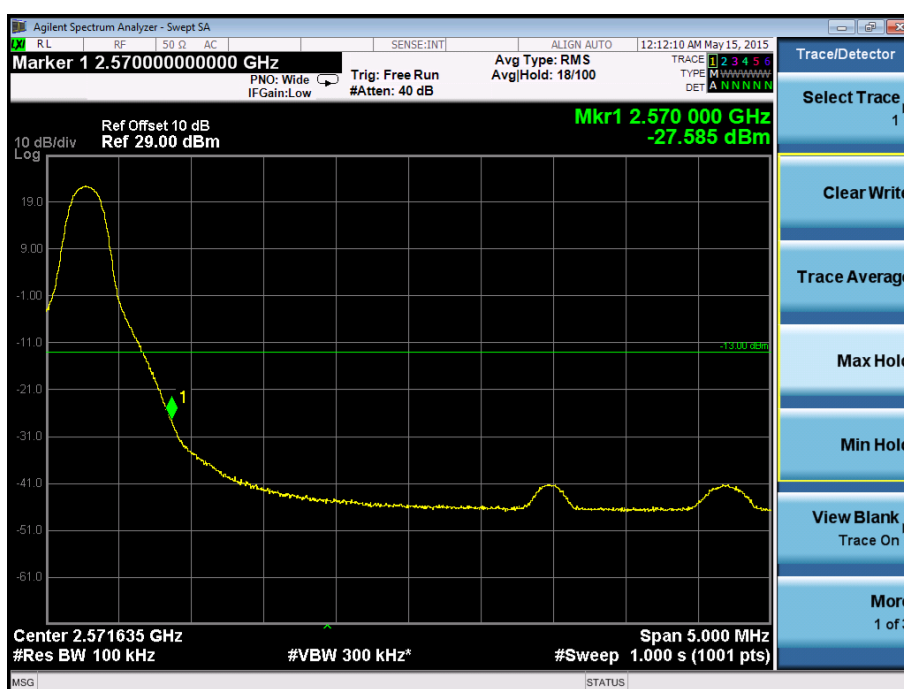
Band Edge on Configuration QPSK-10M / 1RB Channel

Lowest-CONDUCTED MODE

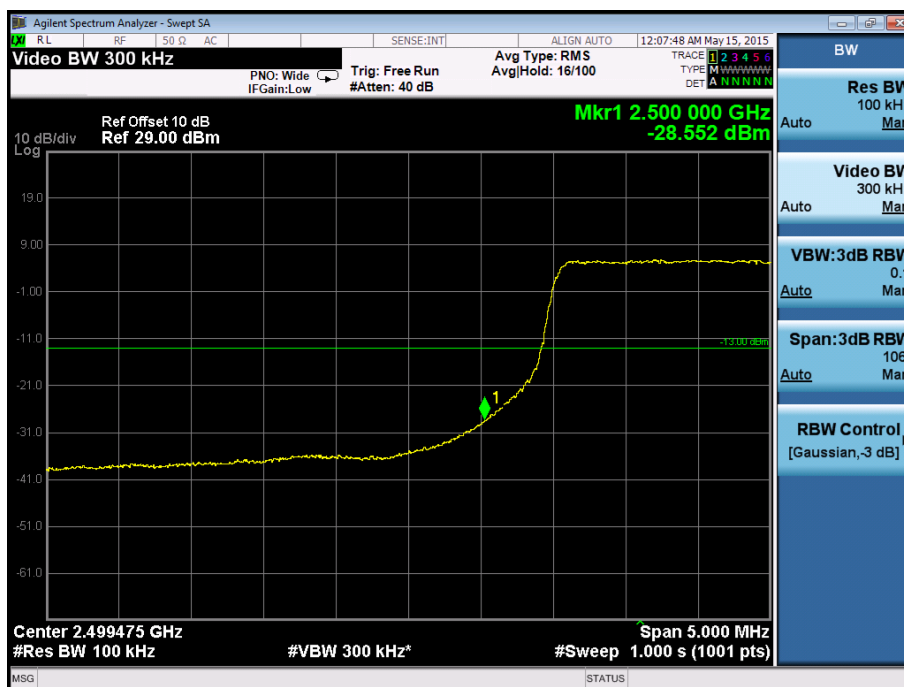


Band Edge on Configuration QPSK-10M / 1RB Channel

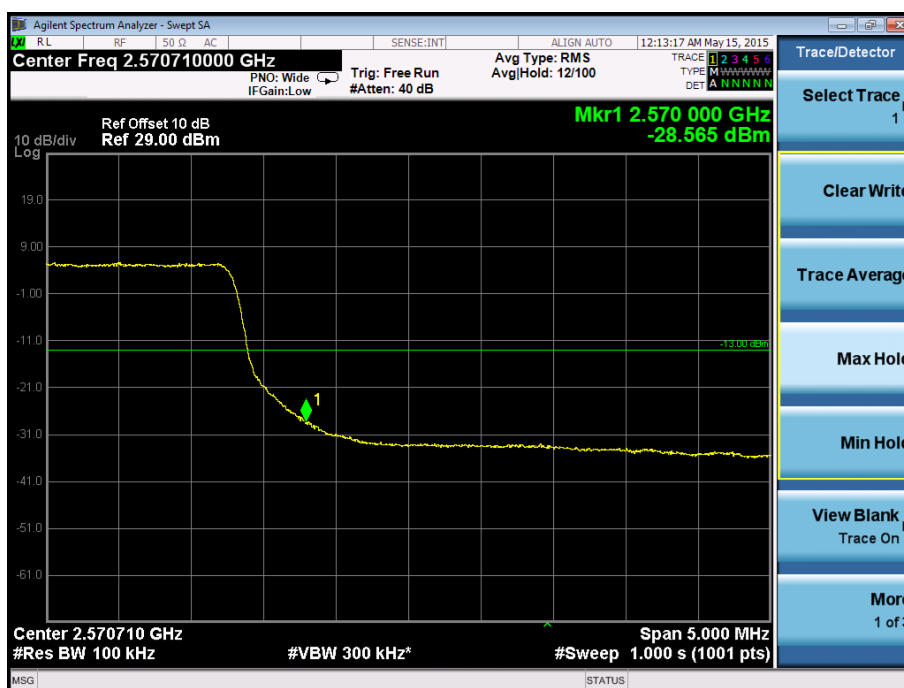
Highest-CONDUCTED MODE



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

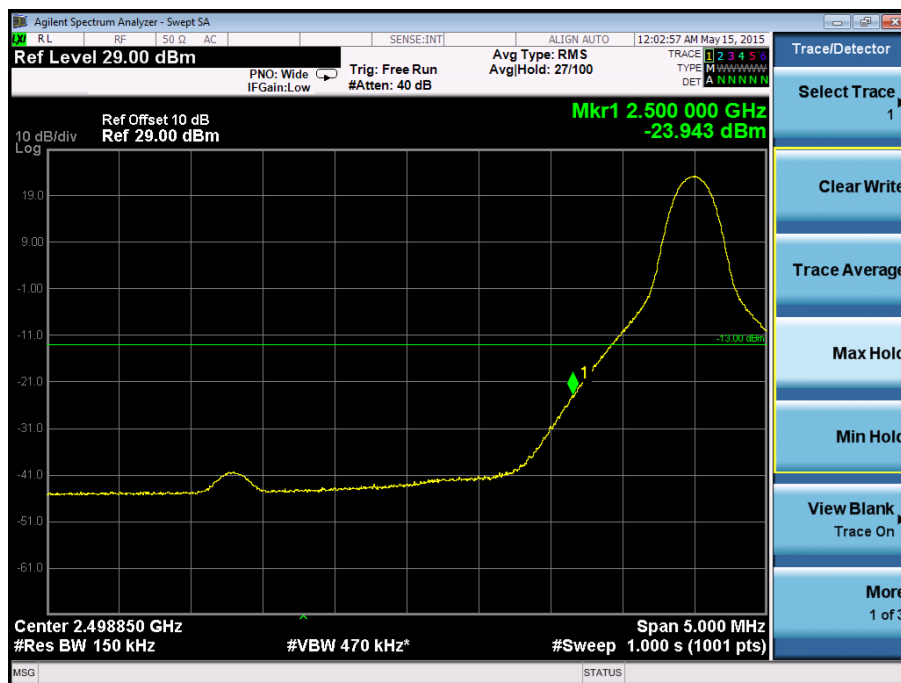


Band Edge on Configuration QPSK-10M / 50RB Channel Highest-CONDUCTED MODE



Band Edge on Configuration QPSK-15M / 1RB Channel

Lowest-CONDUCTED MODE



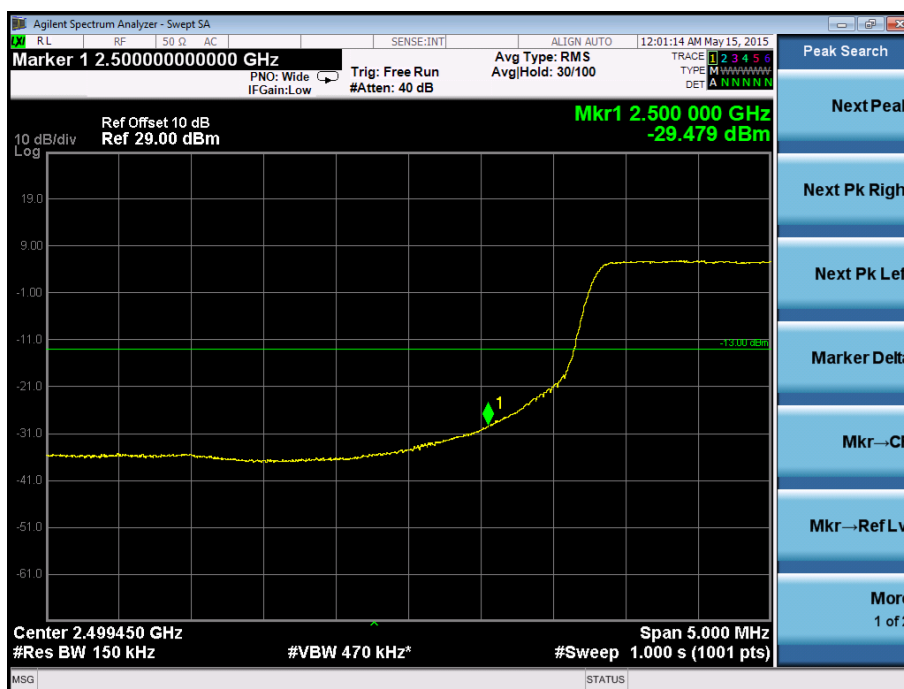
Band Edge on Configuration QPSK-15M / 1RB Channel

Highest-CONDUCTED MODE



Band Edge on Configuration QPSK-15M / 75RB Channel

Lowest-CONDUCTED MODE



Band Edge on Configuration QPSK-15M / 75RB Channel

Highest-CONDUCTED MODE



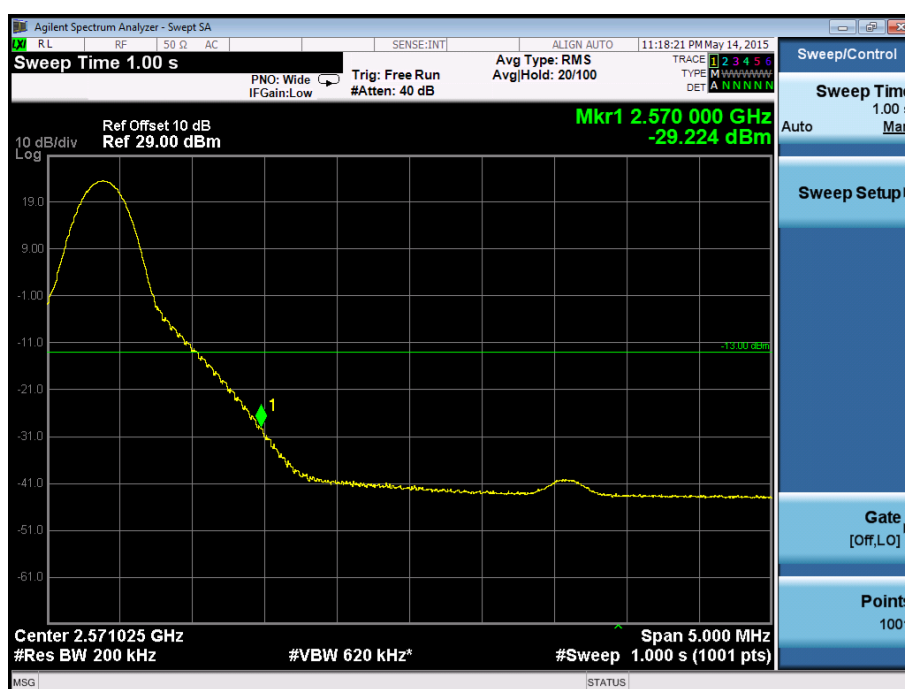
Band Edge on Configuration QPSK-20M / 1RB Channel

Lowest-CONDUCTED MODE



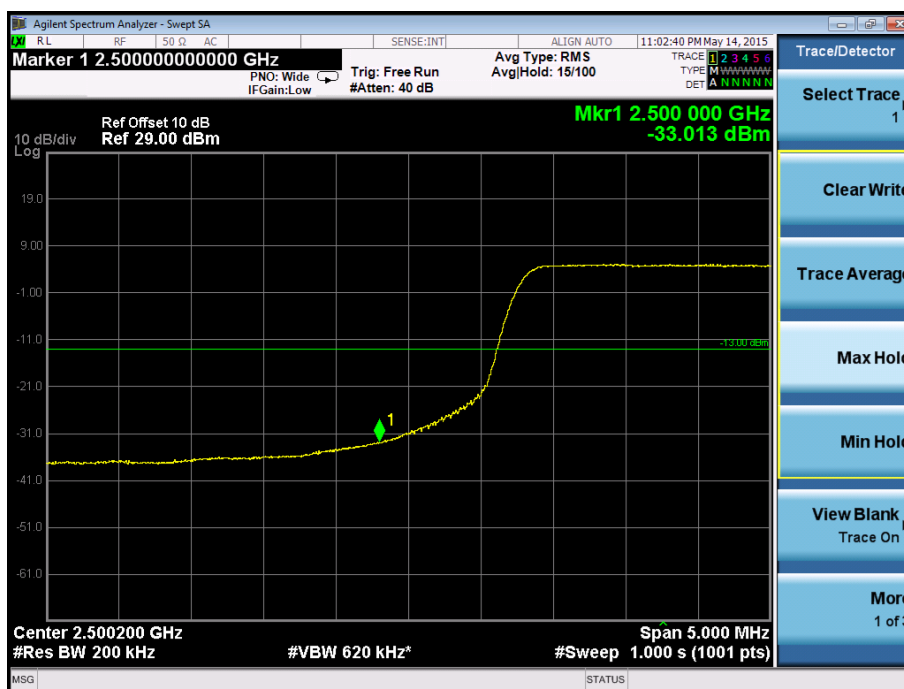
Band Edge on Configuration QPSK-20M / 1RB Channel

Highest-CONDUCTED MODE



Band Edge on Configuration QPSK-20M / 100RB Channel

Lowest-CONDUCTED MODE



Band Edge on Configuration QPSK-20M / 100RB Channel

Highest-CONDUCTED MODE



ATTACHMENTF - FREQUENCY STABILITY

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

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.5	1.61	0.011267606	0.1
3.6	5.32	0.008309859	0.1
3.7	6.74	0.00884507	0.1
3.8	8.37	0.010394366	0.1
3.9	7.41	0.010211268	0.1
4.0	0.14	0.005591549	0.1
4.1	10.52	0.009676056	0.1
4.2	7.44	0.00928169	0.1
Max. Deviation (ppm)	10.52	0.011267606	0.1

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
40	-3.25	0.005492958	0.1
30	5.87	0.009450704	0.1
20	4.29	0.007521127	0.1
10	-1.58	0.008929577	0.1
0	-4.52	0.008197183	0.1
Max. Deviation (ppm)	5.87	0.009450704	0.1

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

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.5	5.24	0.004985915	0.1
3.6	6.36	0.004619718	0.1
3.7	-5.64	0.008915493	0.1
3.8	1.25	0.004042254	0.1
3.9	3.62	0.009450704	0.1
4.0	7.05	0.011239437	0.1
4.1	-2.34	0.005380282	0.1
4.2	-3.67	0.002929577	0.1
Max. Deviation (ppm)	7.05	0.011239437	0.1

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
40	7.14	0.008971831	0.1
30	-5.23	0.00743662	0.1
20	6.47	0.005225352	0.1
10	2.19	0.013183099	0.1
0	3.88	0.005408451	0.1
Max. Deviation (ppm)	7.14	0.013183099	0.1

Test Mode:	QPSKChannel Middle 15M/1RB 0 offset
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Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.5	5.23	0.008619718	0.1
3.6	-6.68	0.003633803	0.1
3.7	7.45	0.005225352	0.1
3.8	2.34	0.005591549	0.1
3.9	1.57	0.003295775	0.1
4.0	6.24	0.005042254	0.1
4.1	3.14	0.005859155	0.1
4.2	2.54	0.007901408	0.1
Max. Deviation (ppm)	7.45	0.008619718	0.1

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
40	-2.39	0.005183099	0.1
30	5.24	0.006380282	0.1
20	4.75	0.008014085	0.1
10	8.62	0.008704225	0.1
0	5.69	0.008323944	0.1
Max. Deviation (ppm)	8.62	0.008704225	0.1

Test Mode:	QPSKChannel Middle 20M/1RB 0 offset
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Voltage vs. Frequency Stability

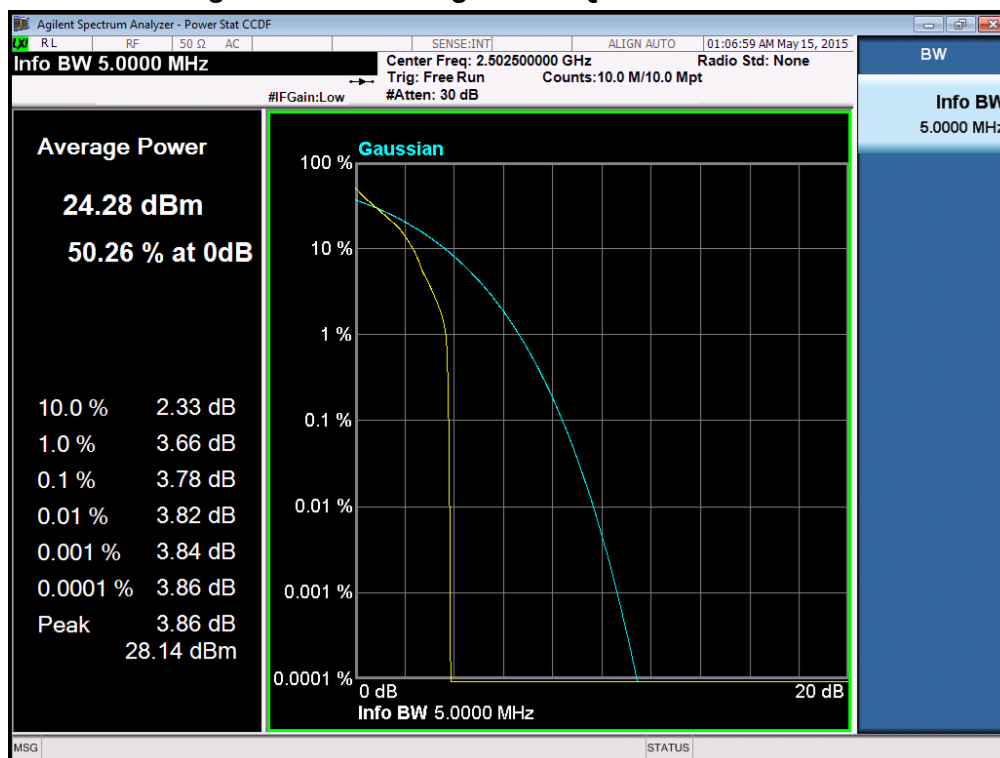
Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.5	-0.23	0.004197183	0.1
3.6	1.58	0.009450704	0.1
3.7	5.20	0.007549296	0.1
3.8	6.72	0.008774648	0.1
3.9	-2.24	0.005450704	0.1
4.0	3.28	0.007295775	0.1
4.1	1.42	0.003788732	0.1
4.2	5.39	0.008408451	0.1
Max. Deviation (ppm)	6.72	0.009450704	0.1

Temperature vs. Frequency Stability

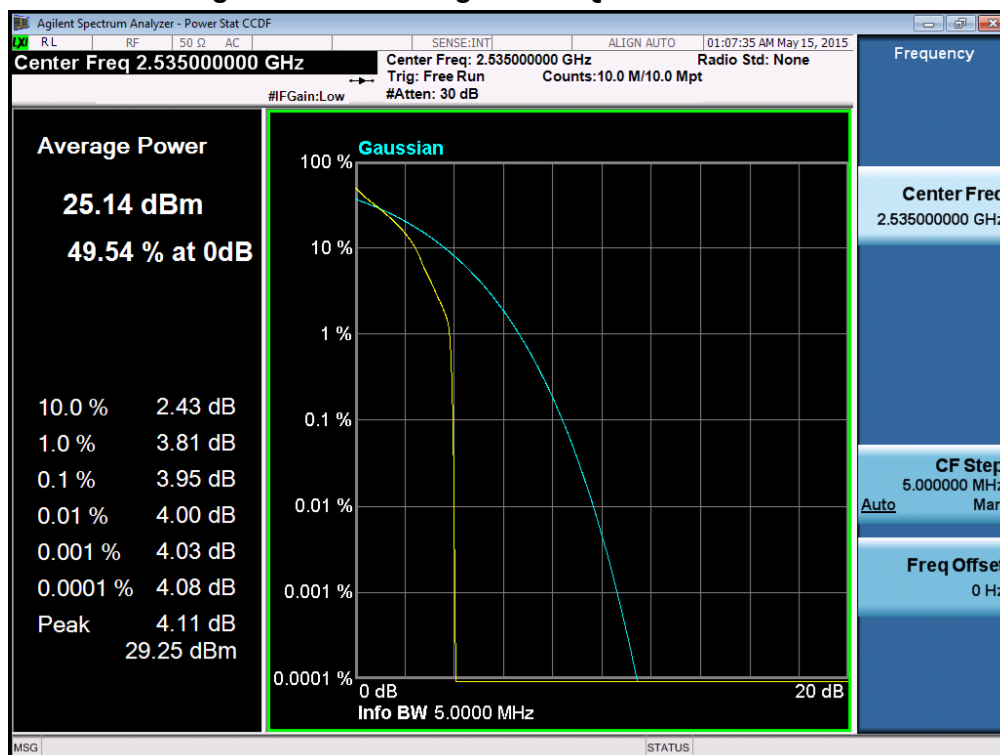
Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
40	7.25	0.009605634	0.1
30	6.85	0.010070423	0.1
20	7.41	0.010366197	0.1
10	-2.47	0.009830986	0.1
0	1.25	0.003253521	0.1
Max. Deviation (ppm)	7.41	0.010366197	0.1

ATTACHMENTG - PEAK TO AVERAGE RADIO

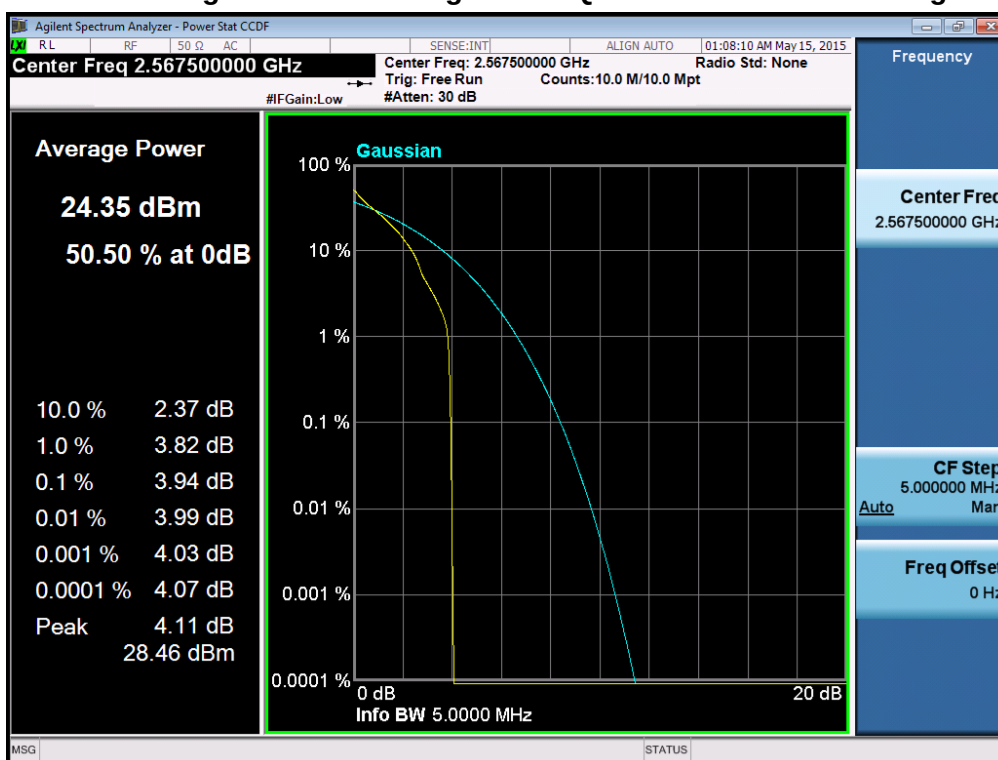
Peak to Average Ratio of Configuration-QPSK-5M/1RB channel Lowest



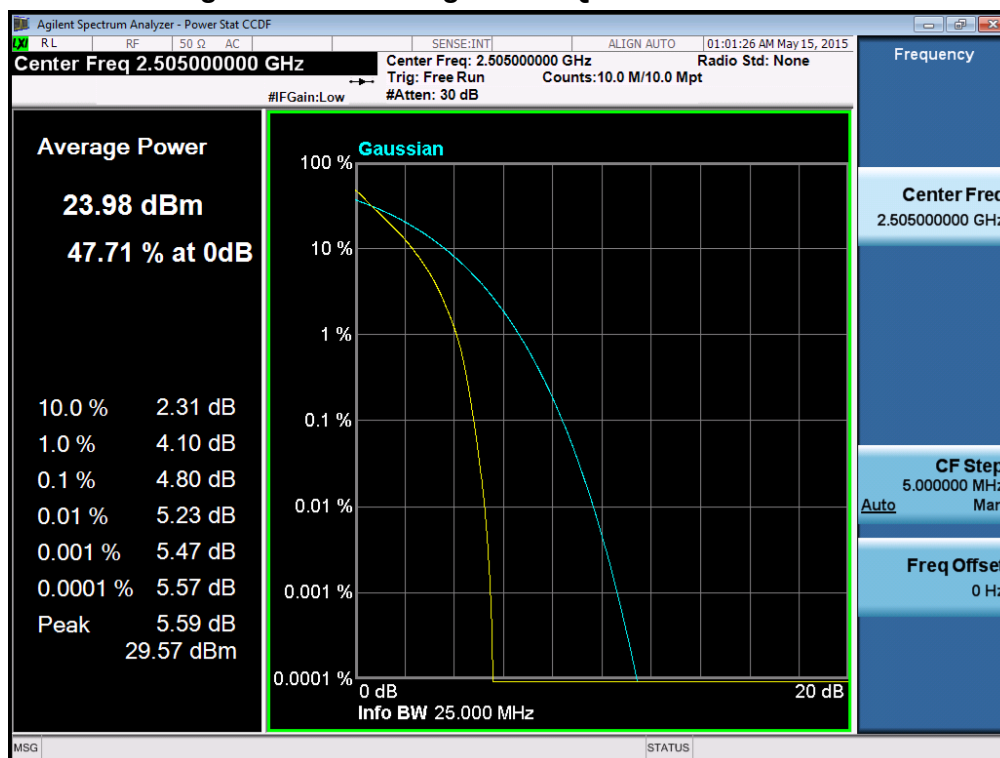
Peak to Average Ratio of Configuration-QPSK-5M/1RB channel Middle



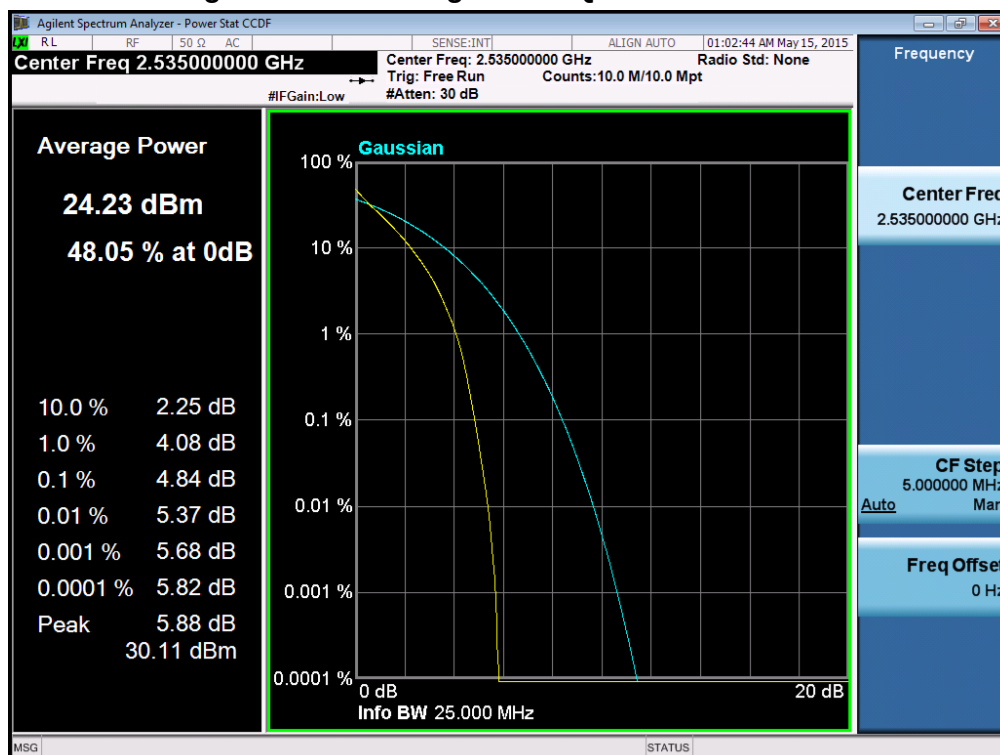
Peak to Average Ratio of Configuration-QPSK-5M/1RB channel Highest



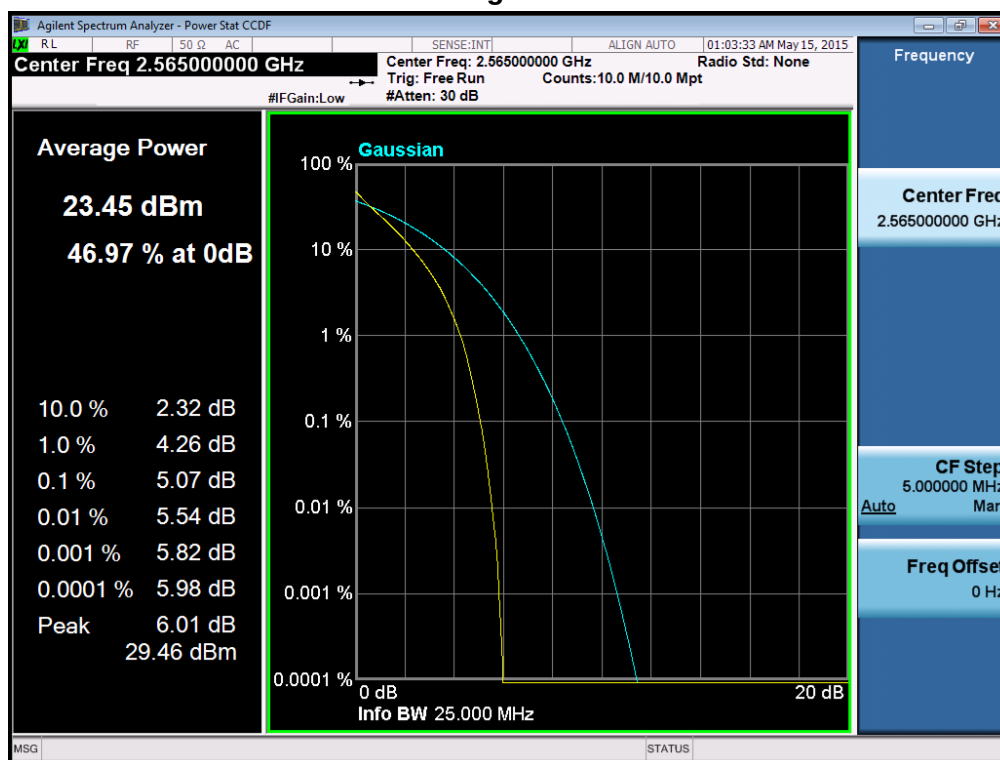
Peak to Average Ratio of Configuration-QPSK-10M/1RB channel Lowest



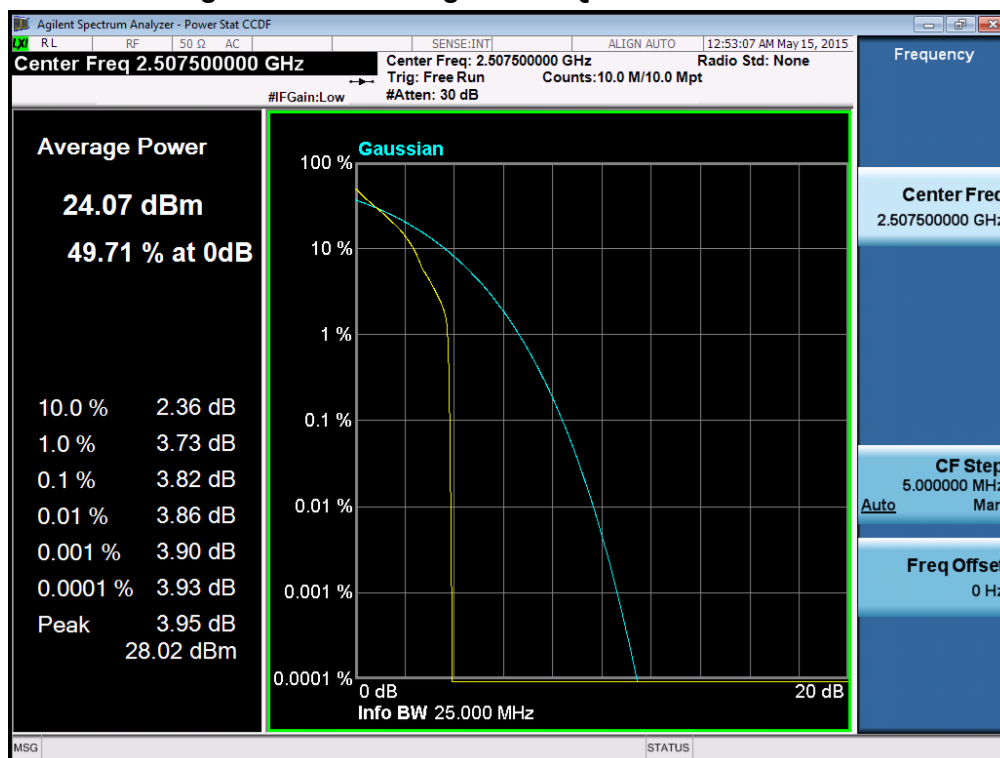
Peak to Average Ratio of Configuration-QPSK-10M/1RB channel Middle



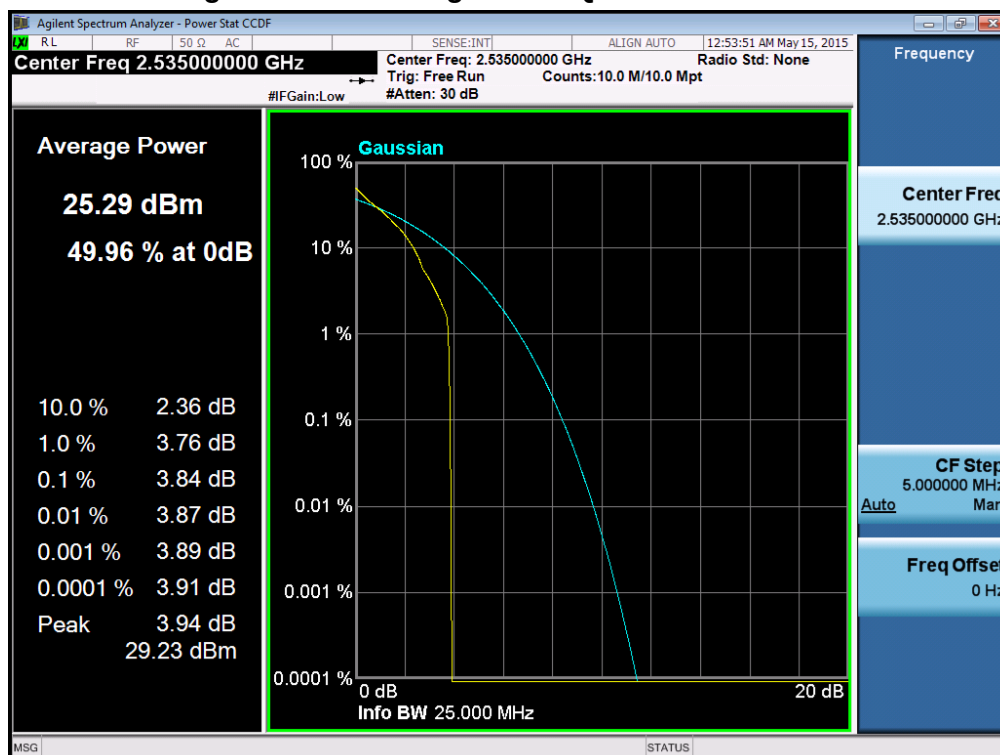
Peak to Average Ratio of Configuration-QPSK-10M/1RB channel Highest



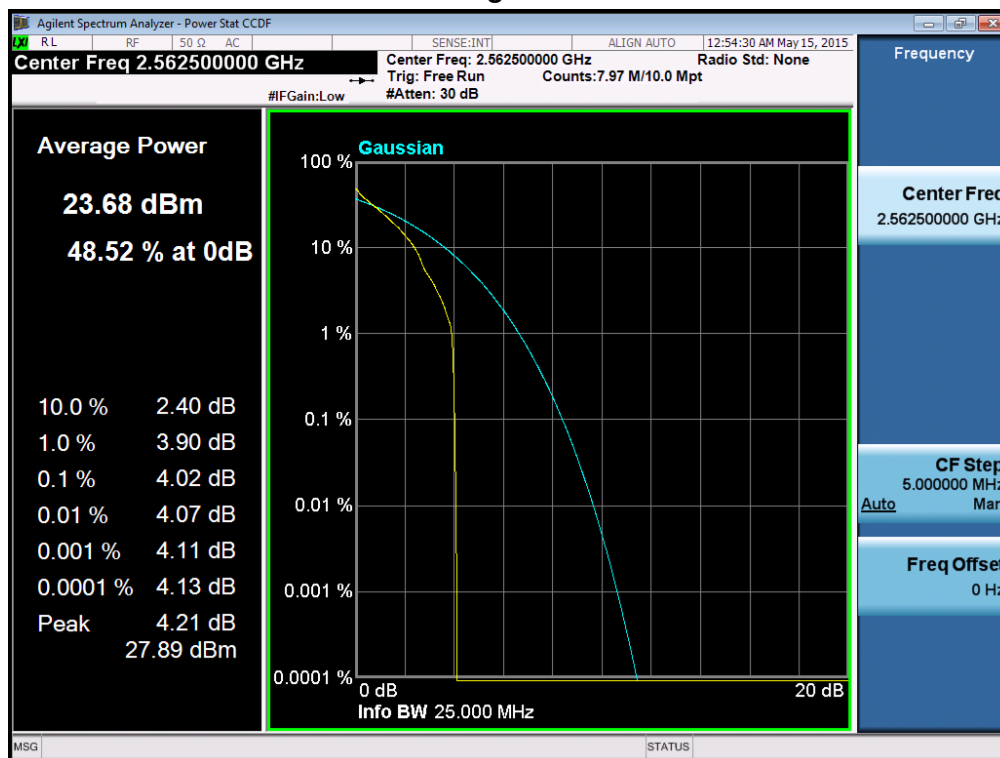
Peak to Average Ratio of Configuration-QPSK-15M/1RB channel Lowest



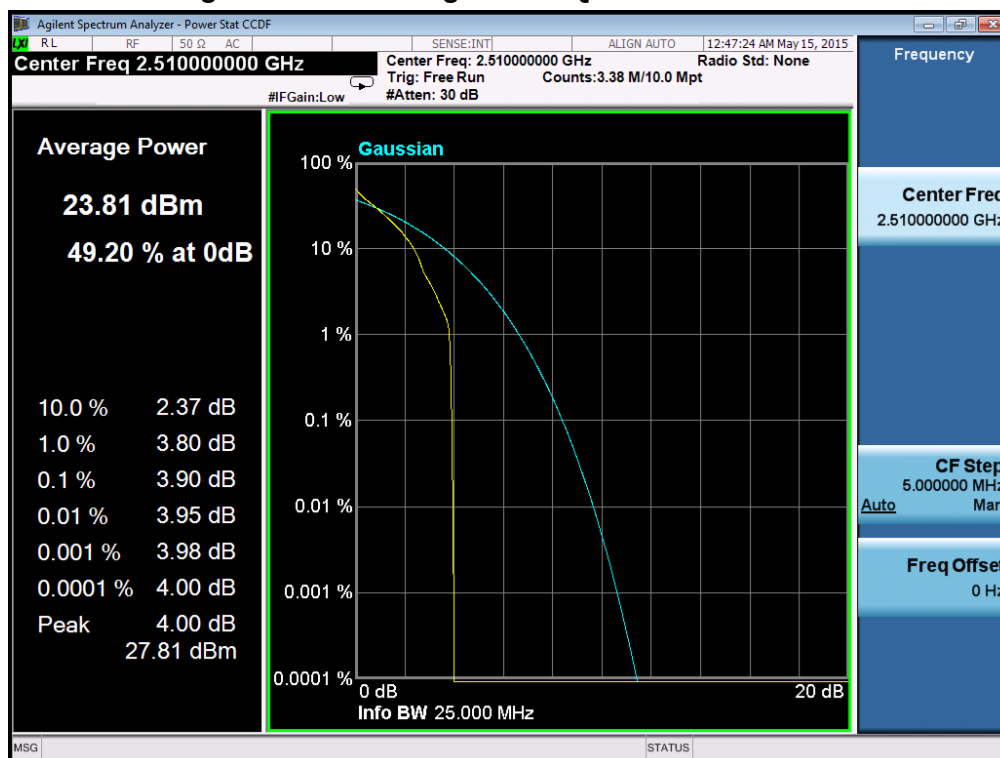
Peak to Average Ratio of Configuration-QPSK-15M/1RB channel Middle



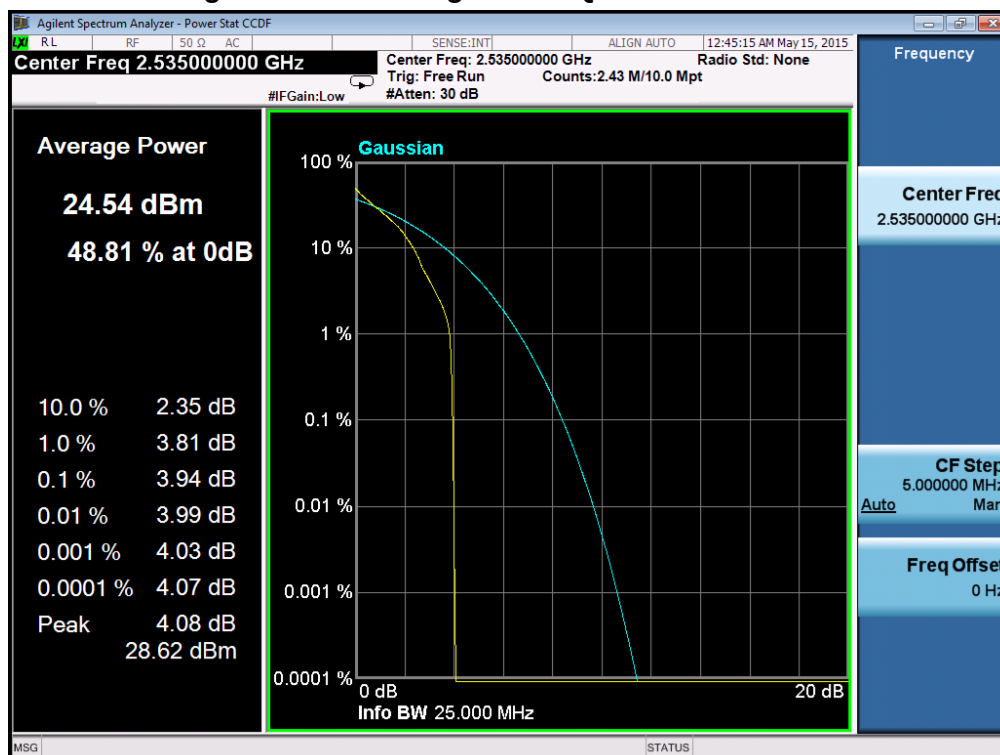
Peak to Average Ratio of Configuration-QPSK-15M/1RB channel Highest



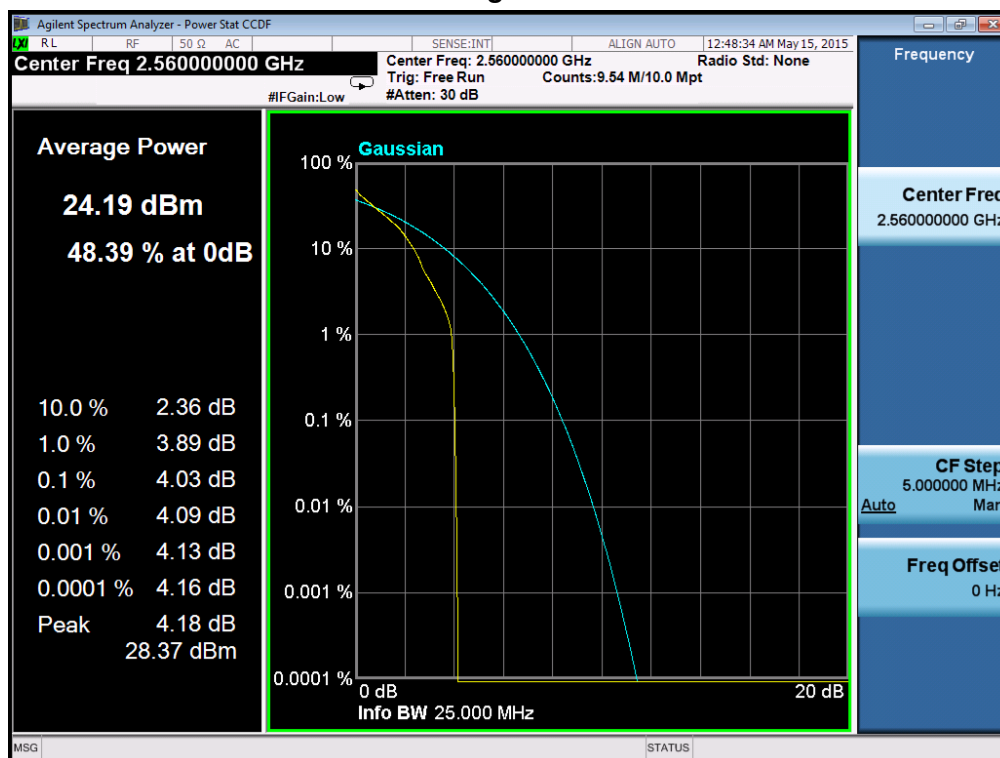
Peak to Average Ratio of Configuration-QPSK-20M/1RB channel Lowest



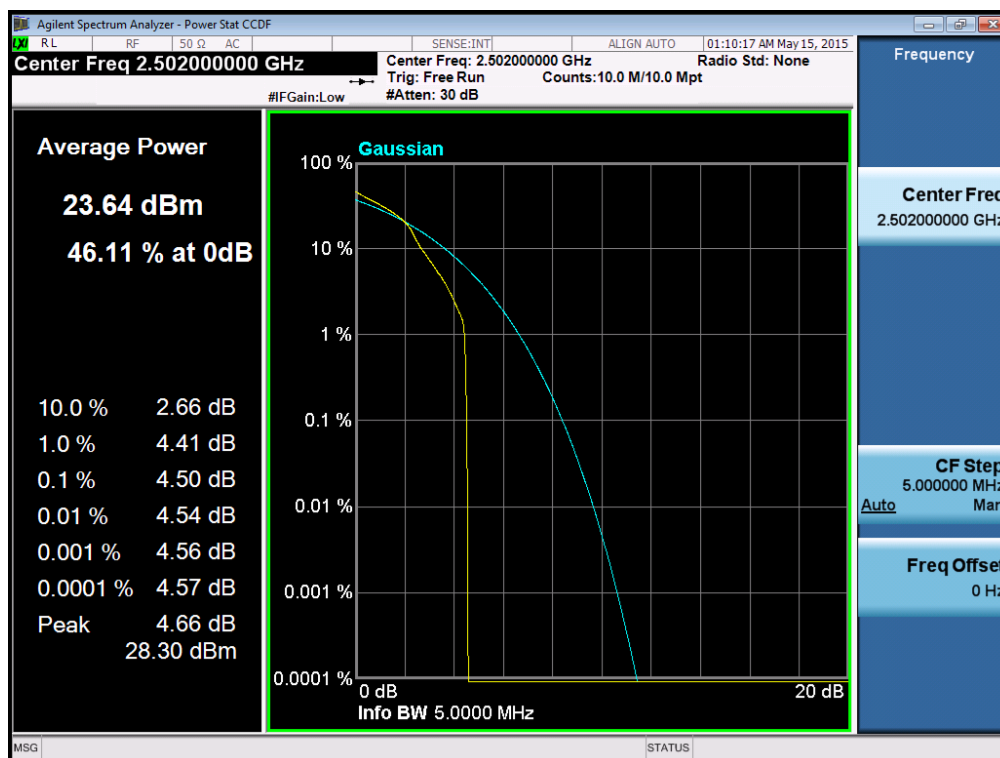
Peak to Average Ratio of Configuration-QPSK-20M/1RB channel Middle



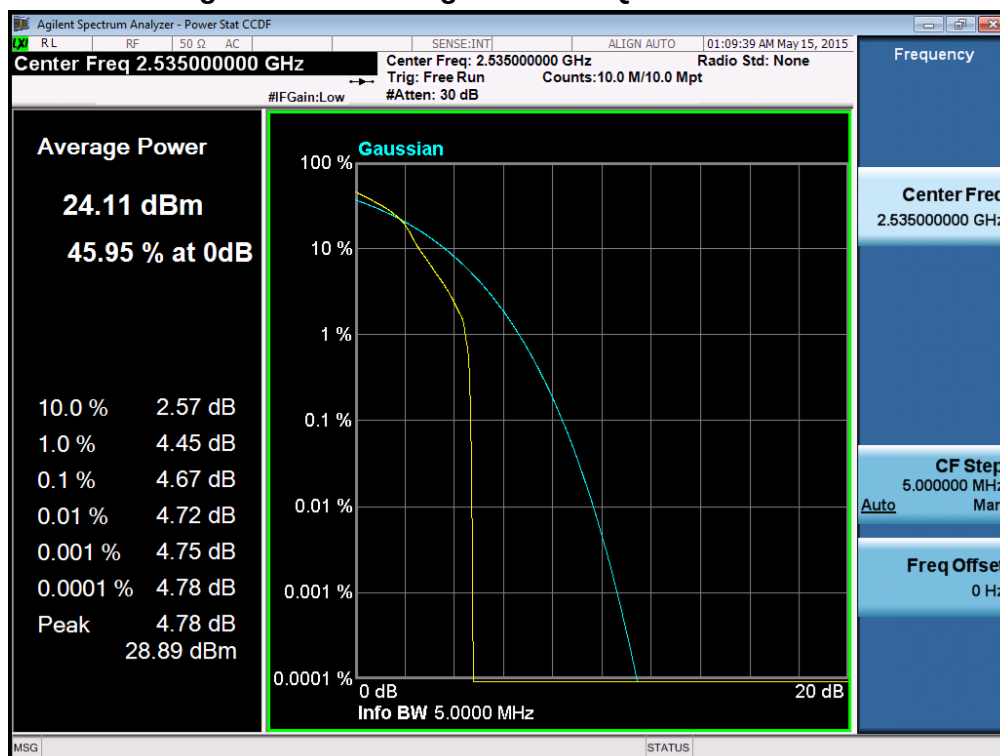
Peak to Average Ratio of Configuration-QPSK-20M/1RB channel Highest



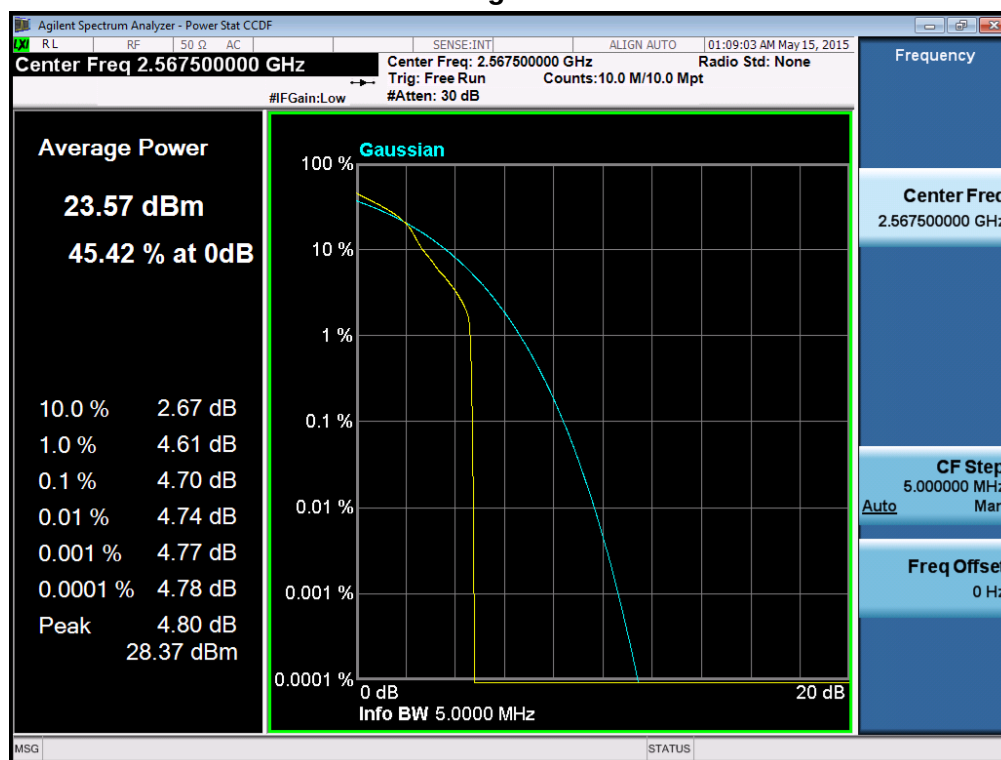
Peak to Average Ratio of Configuration-16-QAM-5M/1RB channel Lowest



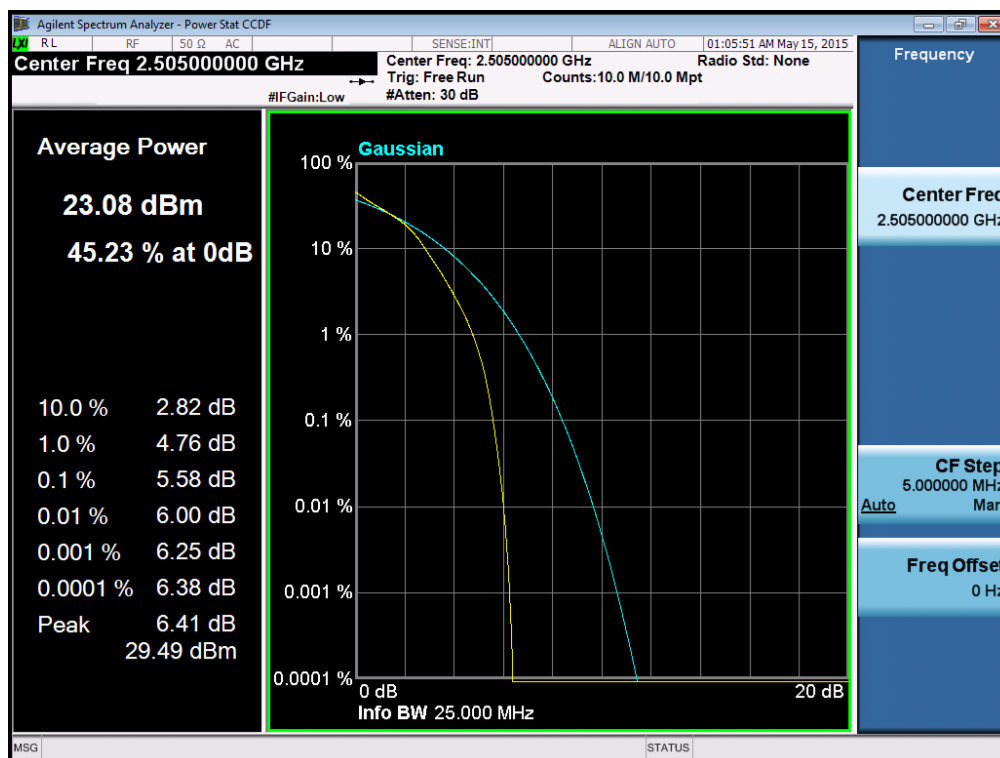
Peak to Average Ratio of Configuration-16-QAM-5M/1RB channel Middle



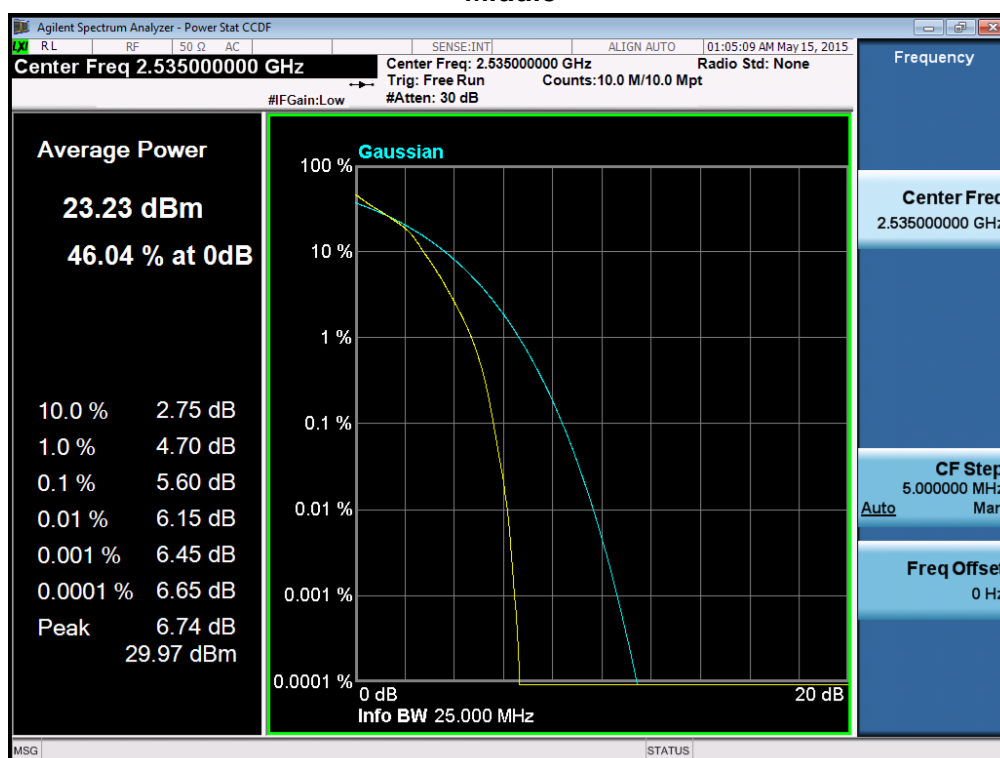
Peak to Average Ratio of Configuration-16-QAM-5M/1RB channel Highest



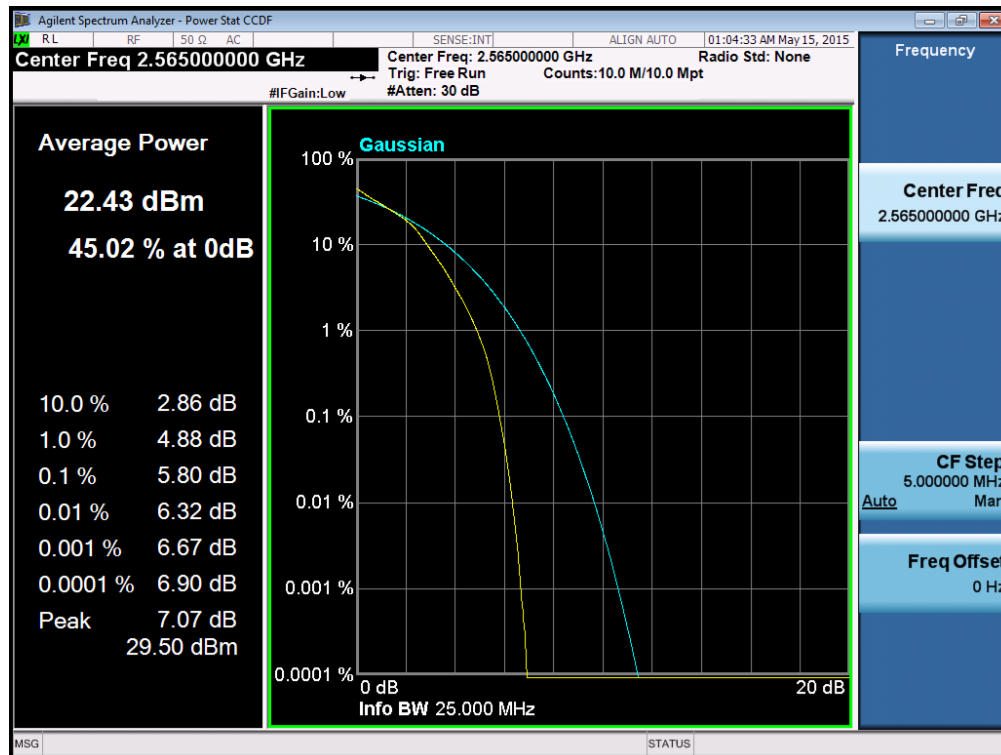
Peak to Average Ratio of Configuration-16-QAM-10M/1RB channel Lowest



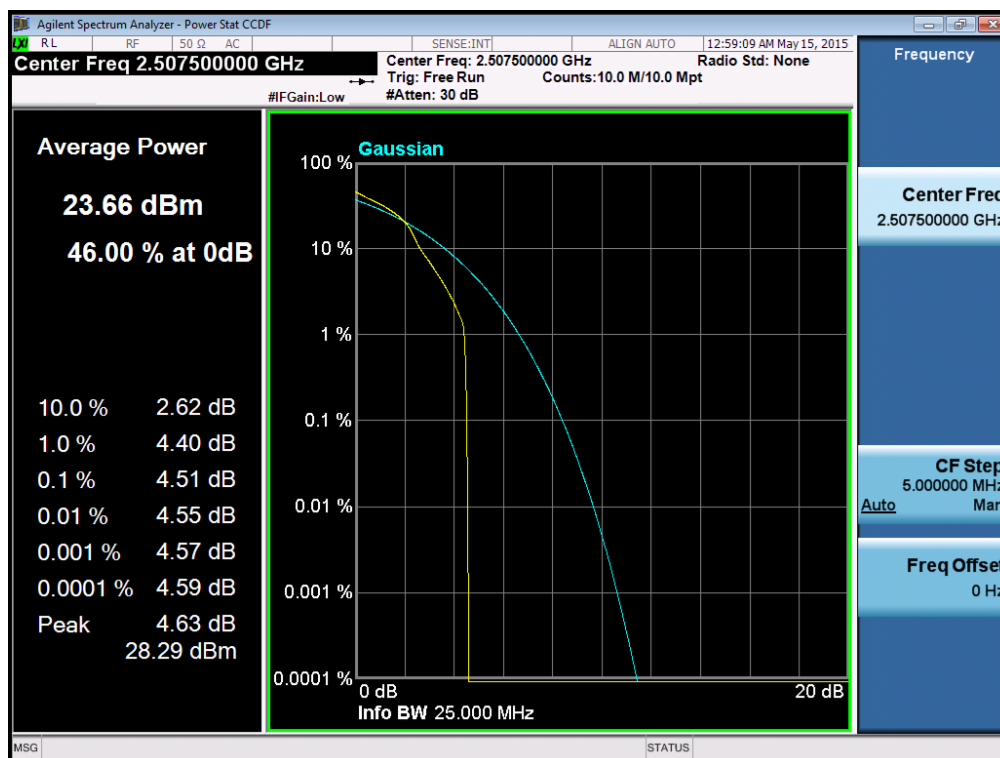
Peak to Average Ratio of Configuration-16-QAM-10M/1RB channel Middle



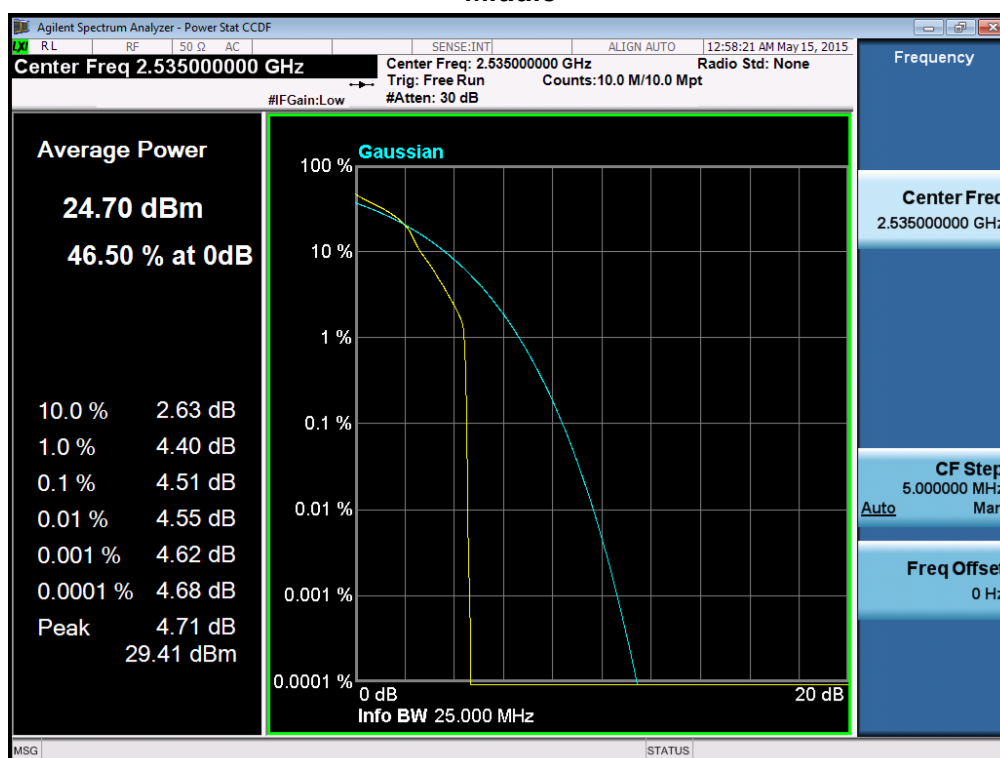
Peak to Average Ratio of Configuration-16-QAM-10M/1RB channel Highest



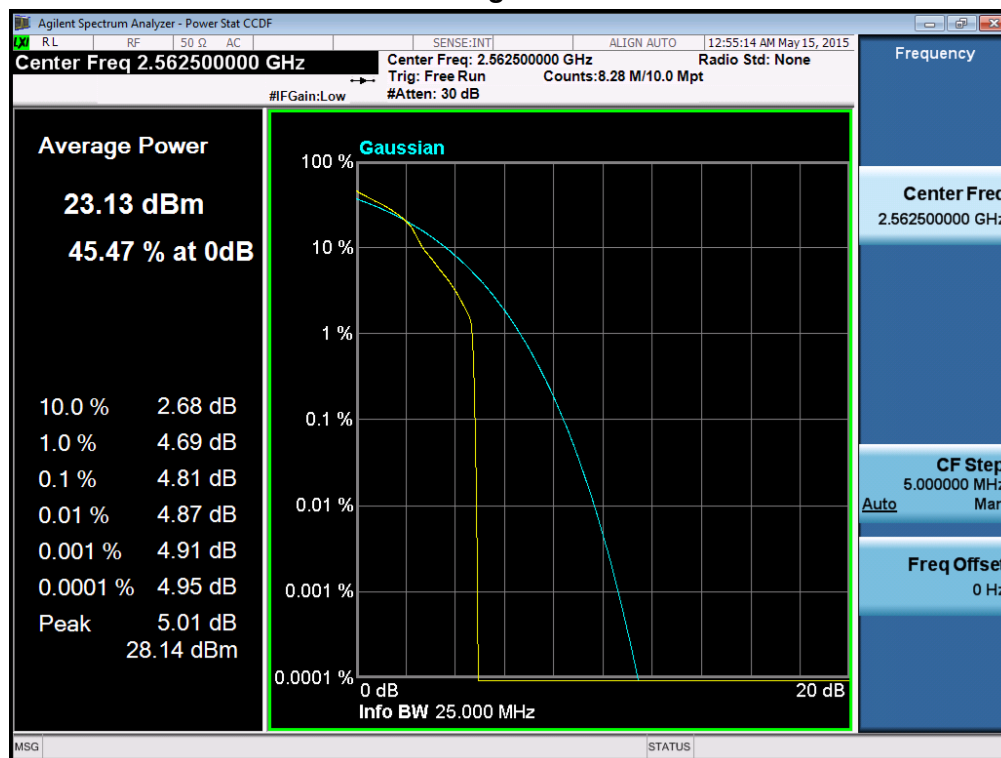
Peak to Average Ratio of Configuration-16-QAM-15M/1RB channel Lowest



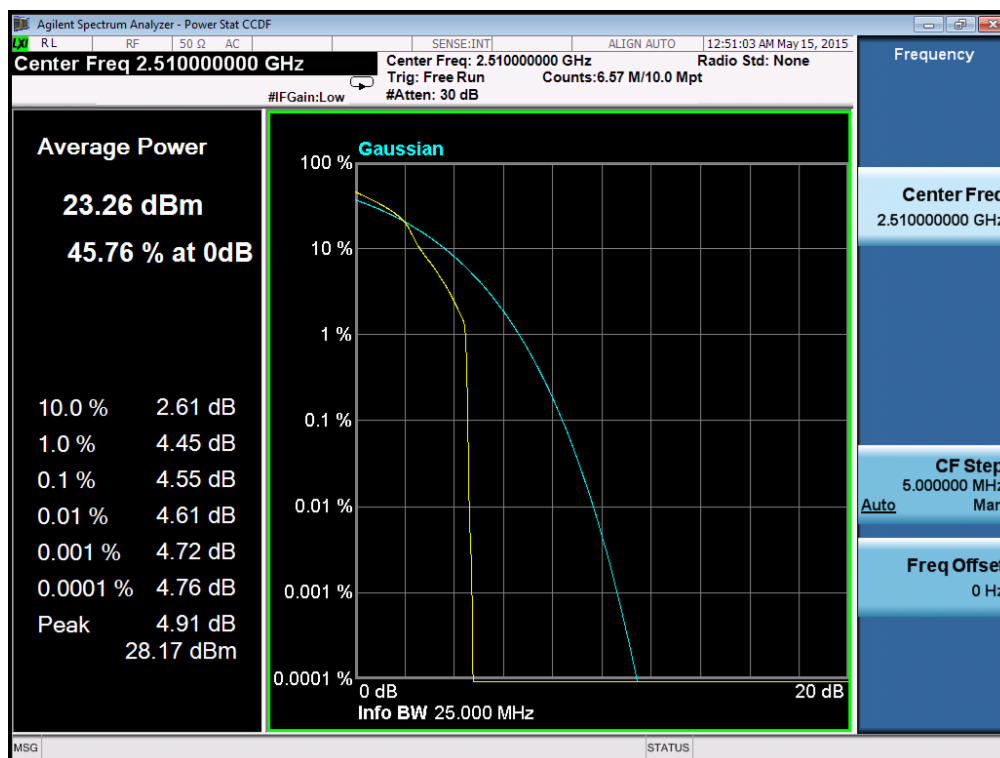
Peak to Average Ratio of Configuration-16-QAM-15M/1RB channel Middle



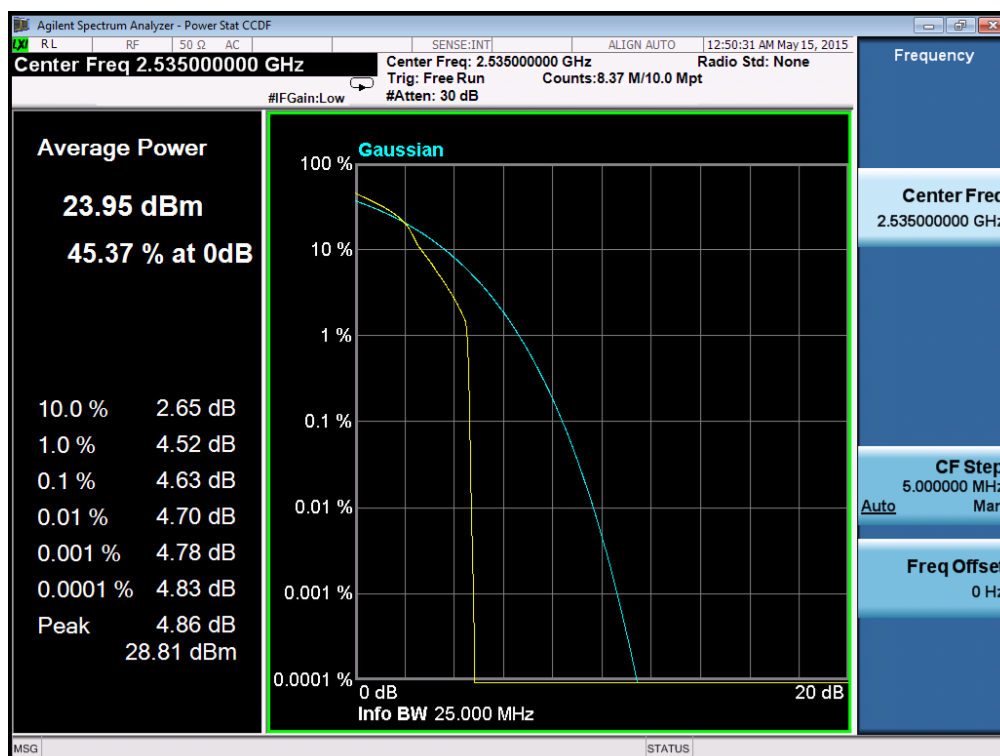
Peak to Average Ratio of Configuration-16-QAM-15M/1RB channel Highest



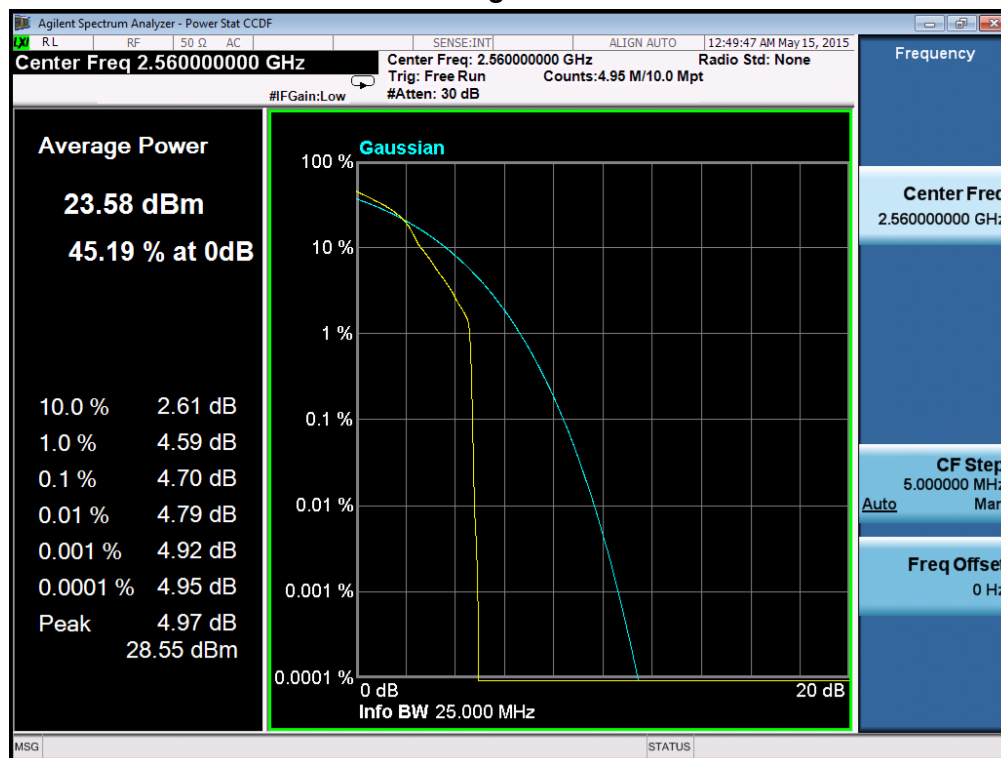
Peak to Average Ratio of Configuration-16-QAM-20M/1RB channel Lowest



Peak to Average Ratio of Configuration-16-QAM-20M/1RB channel Middle



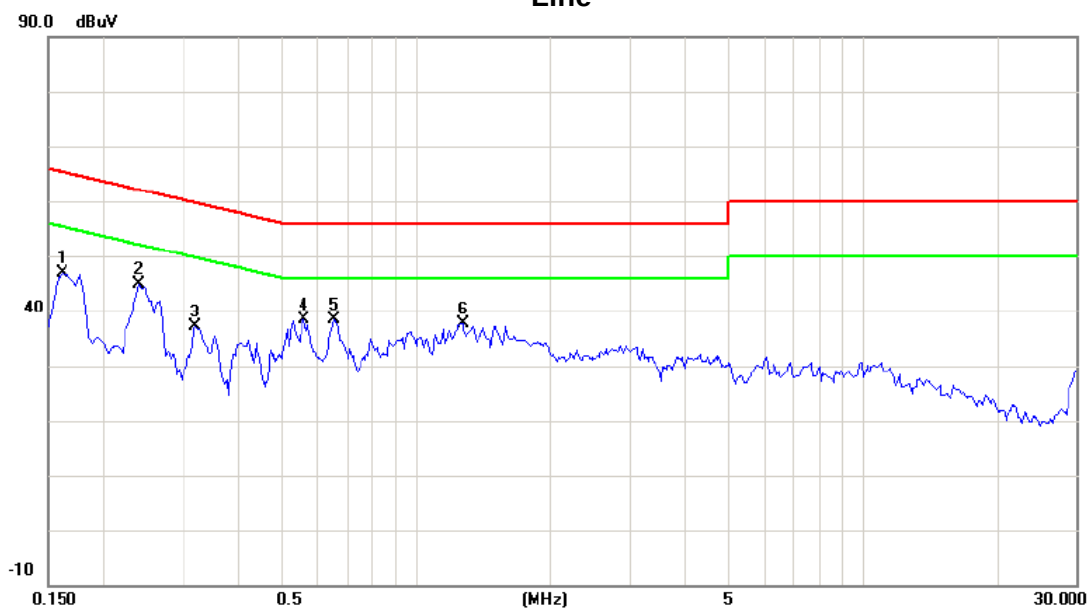
Peak to Average Ratio of Configuration-16-QAM-20M/1RB channel Highest



ATTACHMENTH -CONDUCTED EMISSION

Test Mode: TX Mode

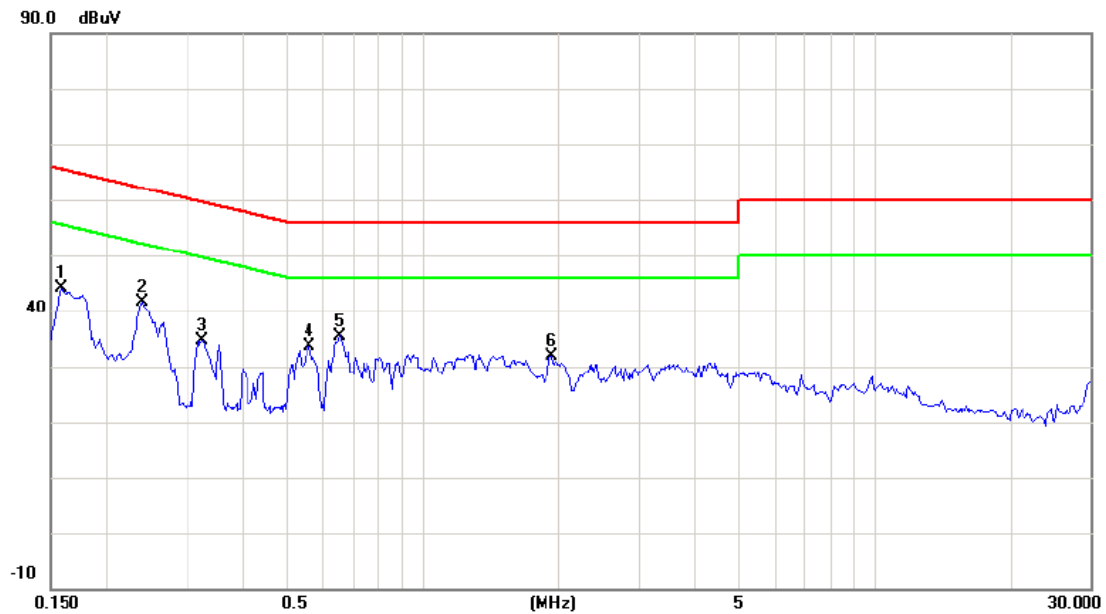
Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1617	37.12	9.66	46.78	65.38	-18.60	peak	
2	*	0.2398	35.24	9.71	44.95	62.10	-17.15	peak	
3		0.3215	27.40	9.75	37.15	59.67	-22.52	peak	
4		0.5601	28.62	9.82	38.44	56.00	-17.56	peak	
5		0.6540	28.52	9.85	38.37	56.00	-17.63	peak	
6		1.2670	27.72	9.92	37.64	56.00	-18.36	peak	

Test Mode: TX Mode

Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1577	34.46	9.57	44.03	65.58	-21.55	peak	
2	*	0.2398	32.10	9.60	41.70	62.10	-20.40	peak	
3		0.3256	25.14	9.61	34.75	59.56	-24.81	peak	
4		0.5601	24.02	9.65	33.67	56.00	-22.33	peak	
5		0.6542	25.85	9.65	35.50	56.00	-20.50	peak	
6		1.9273	21.96	9.85	31.81	56.00	-24.19	peak	