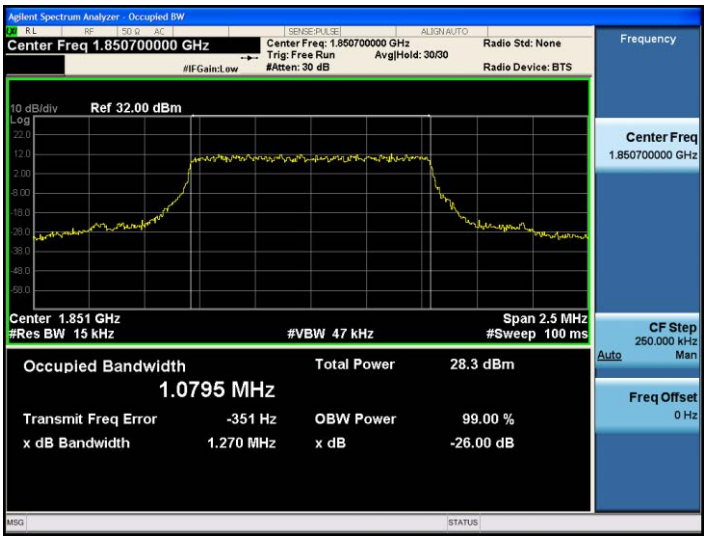
8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

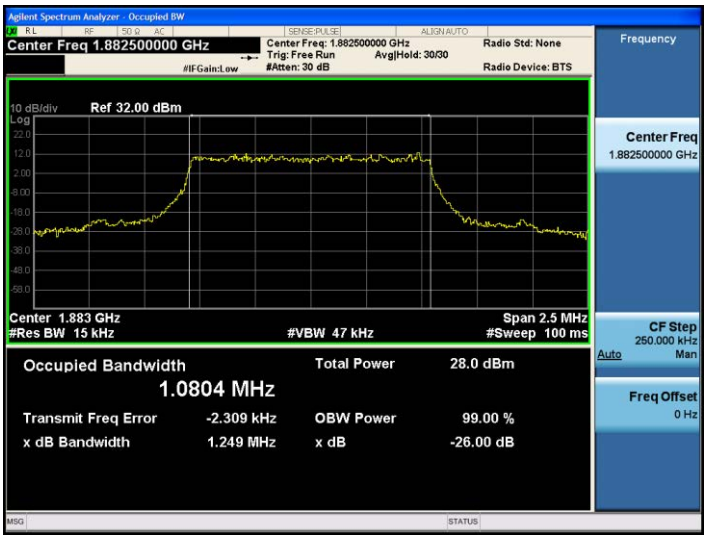
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0795	1.270	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0804	1.249	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0805	1.253	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0821	1.271	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0774	1.264	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0752	1.245	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6891	2.938	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6896	2.926	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6841	2.928	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6879	2.927	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6859	2.945	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6839	2.938	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.4928	4.967	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.4764	4.932	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.4844	4.922	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.4816	4.896	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.4858	4.953	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.4863	4.917	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9585	9.682	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9511	9.784	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9419	9.638	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9466	9.625	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9551	9.702	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9384	9.631	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.458	14.57	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.439	14.50	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.377	14.51	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.422	14.51	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.456	14.48	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.412	14.46	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.900	19.34	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.900	19.18	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.852	19.02	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.872	19.21	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.937	19.30	PASS

Band25	20MHz	16QAM	26590	100RB#0	17.853	19.15	PASS

Test Graphs



Band25-1.4MHz-QPSK-26047-6RB#0-1.0795



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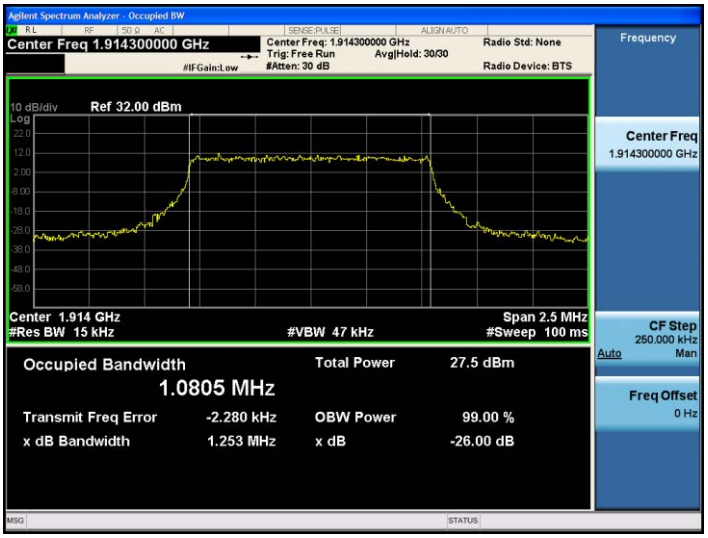

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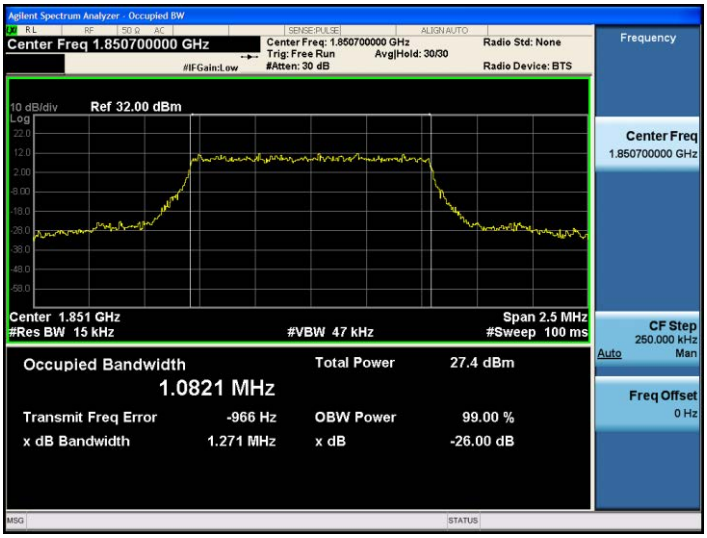

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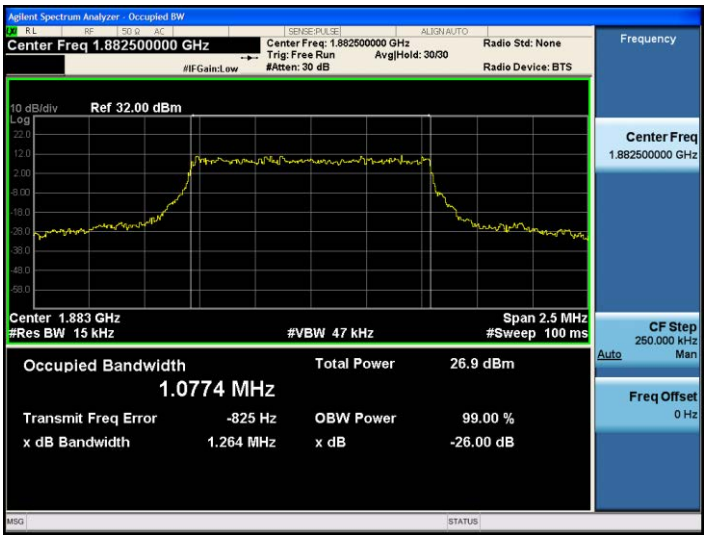

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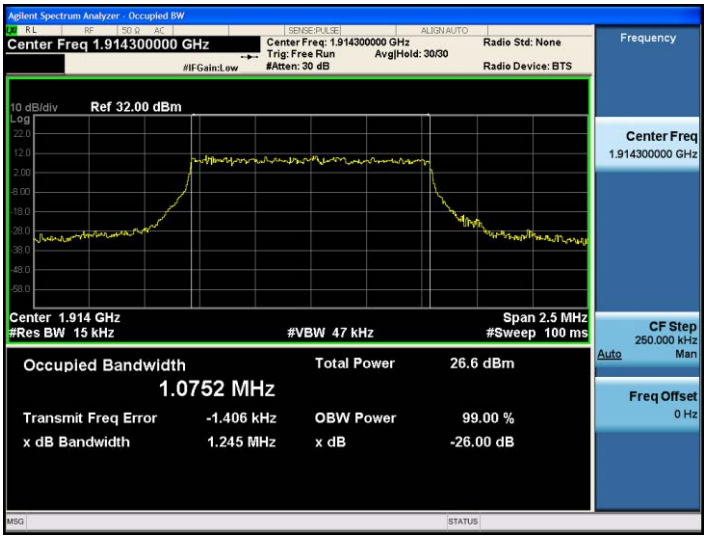

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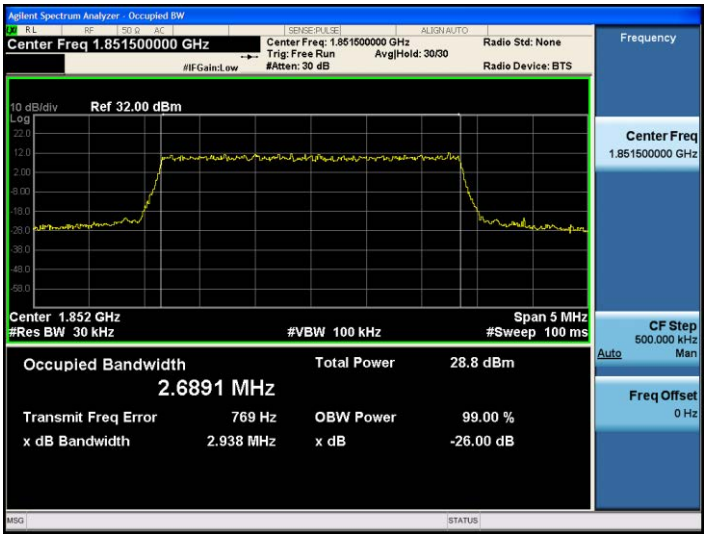
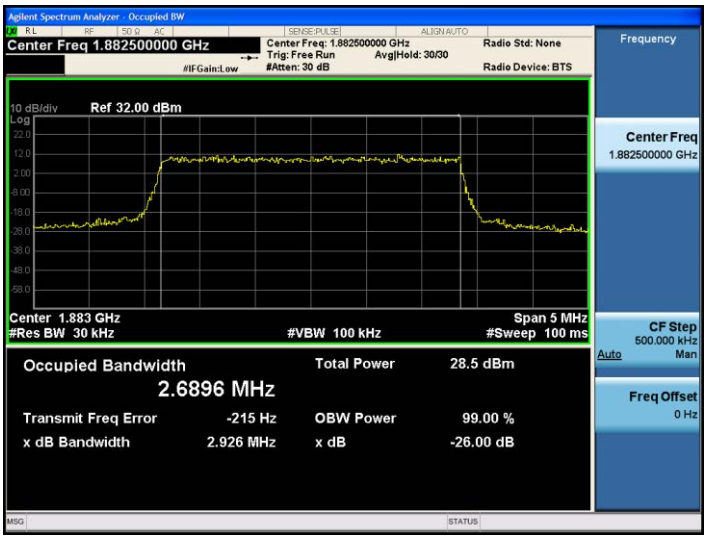


Band25-3MHz-QPSK-26055-15RB#0-2.6891



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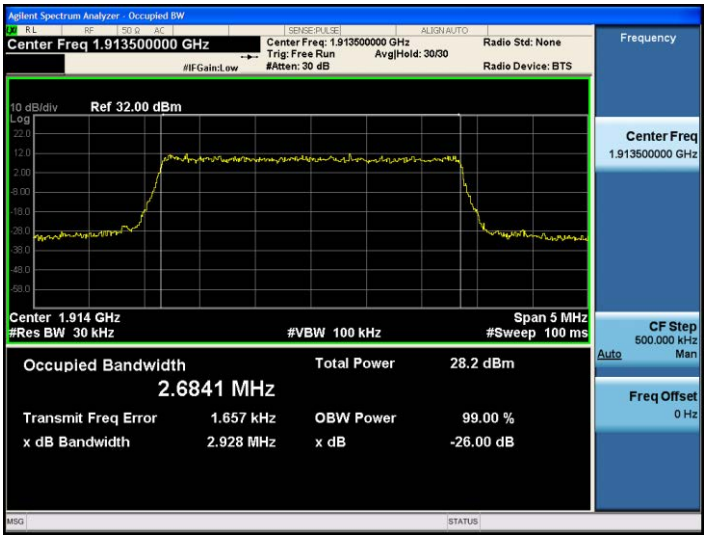

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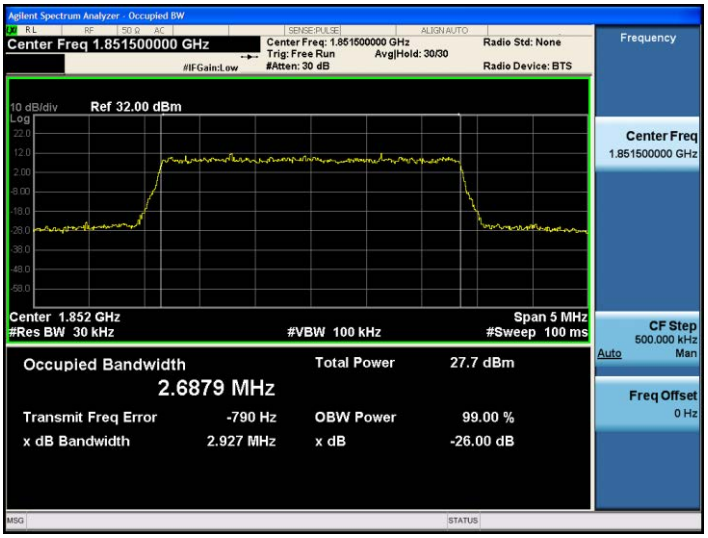
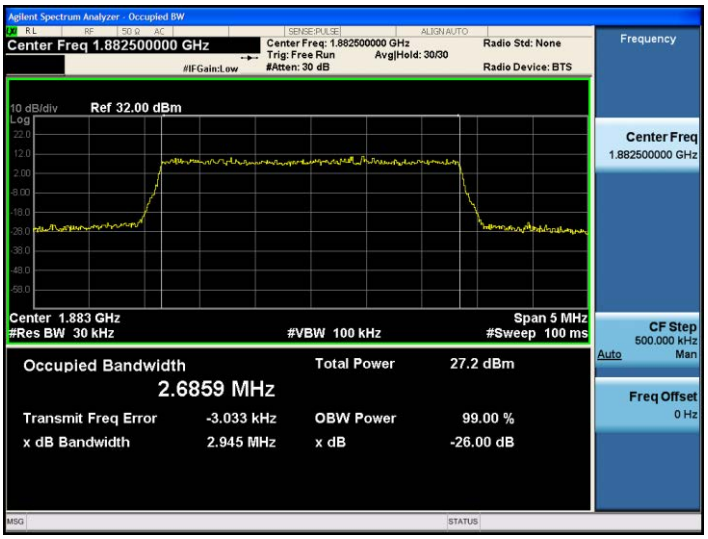


Band25-3MHz-16QAM-26055-15RB#0-2.6879



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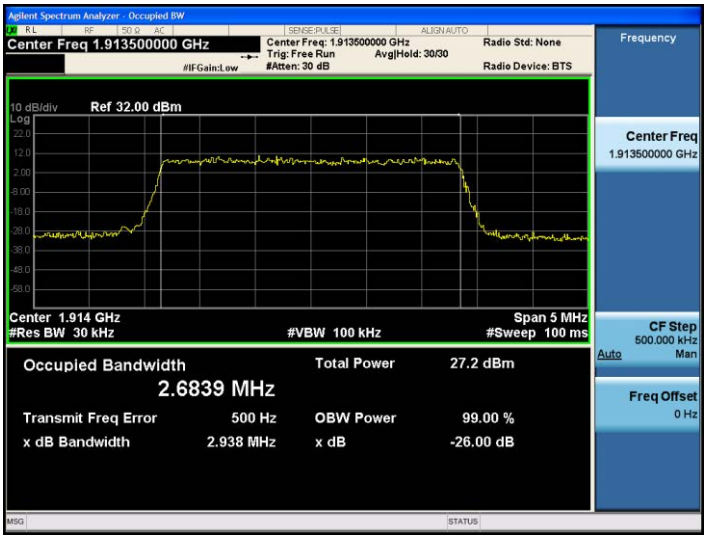

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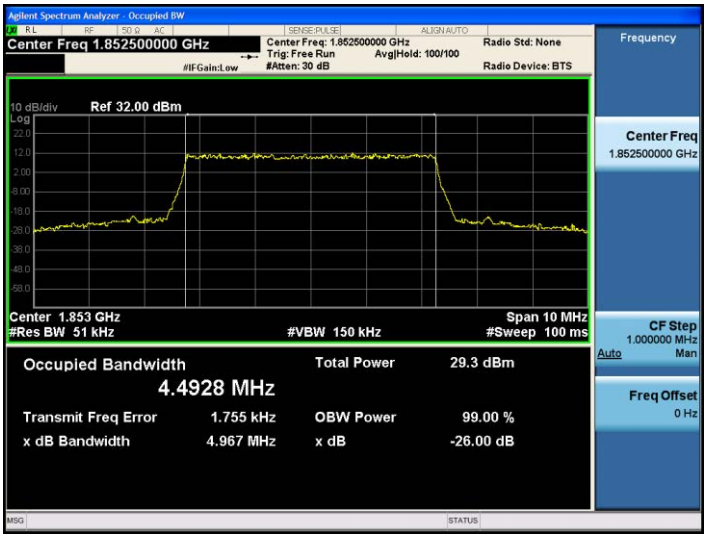
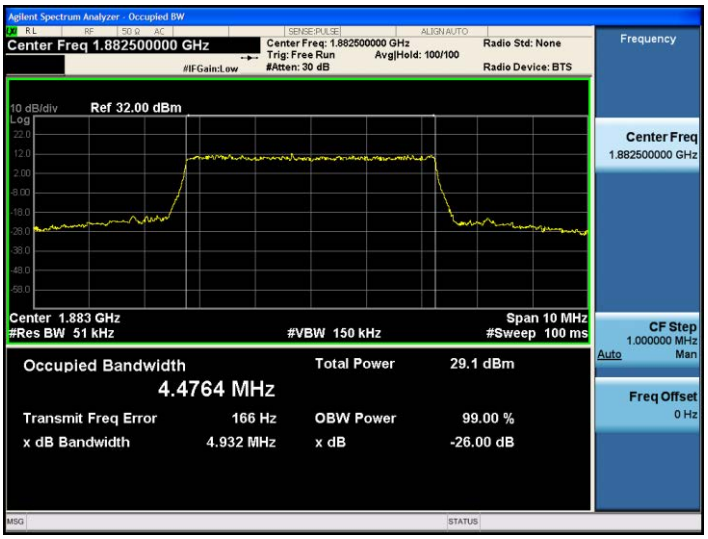


Band25-5MHz-QPSK-26065-25RB#0-4.4928



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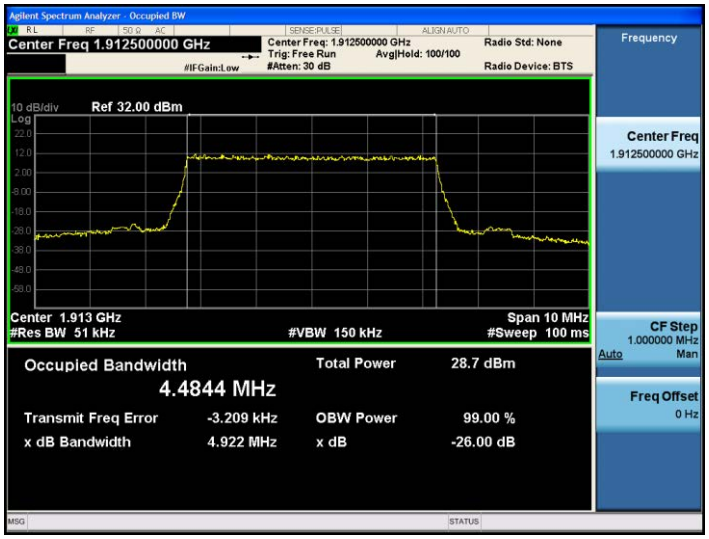

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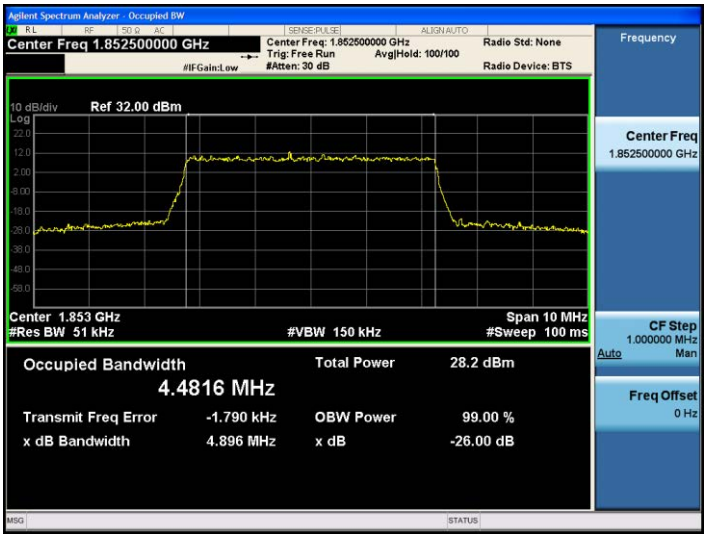

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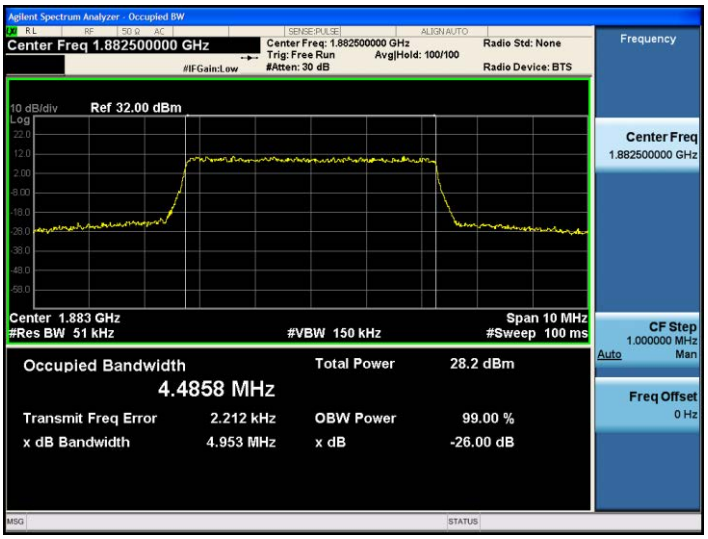

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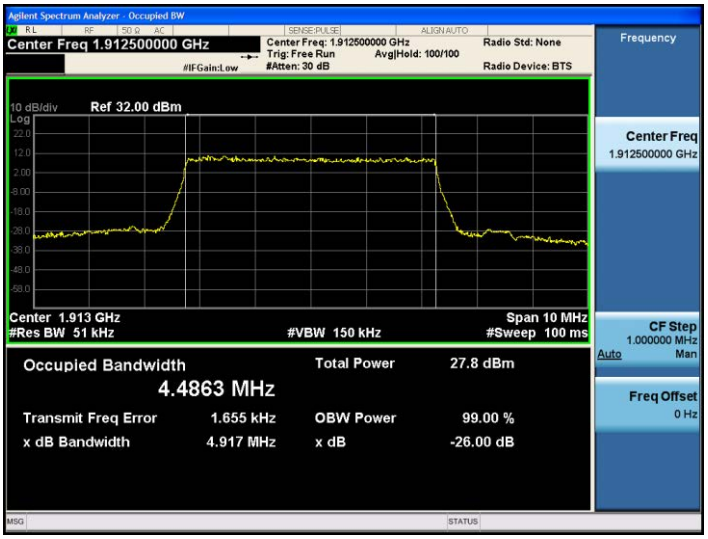

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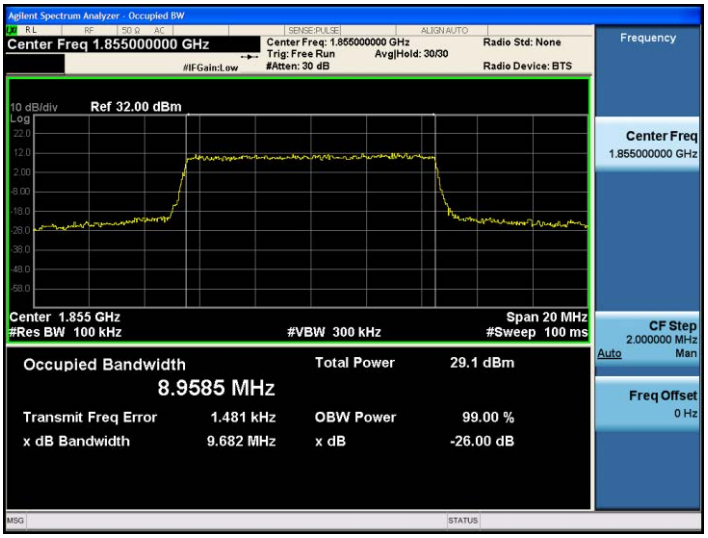
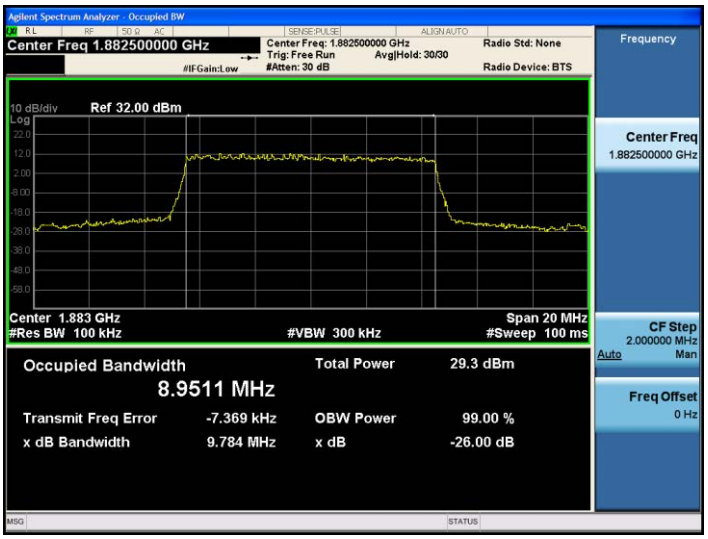
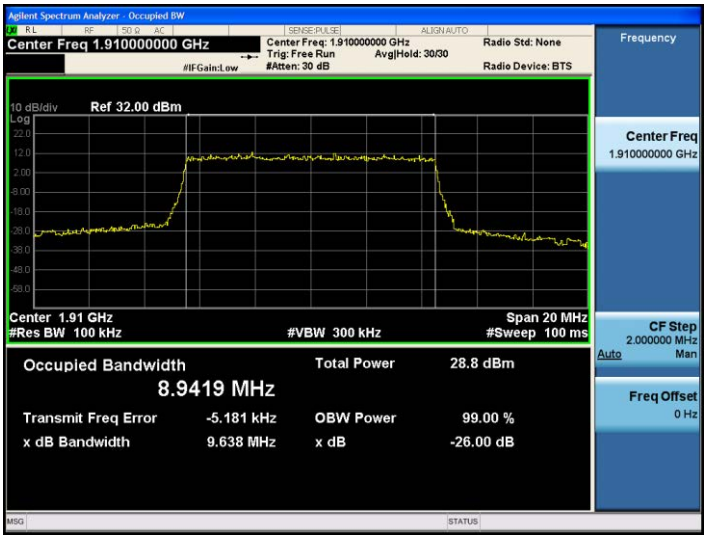


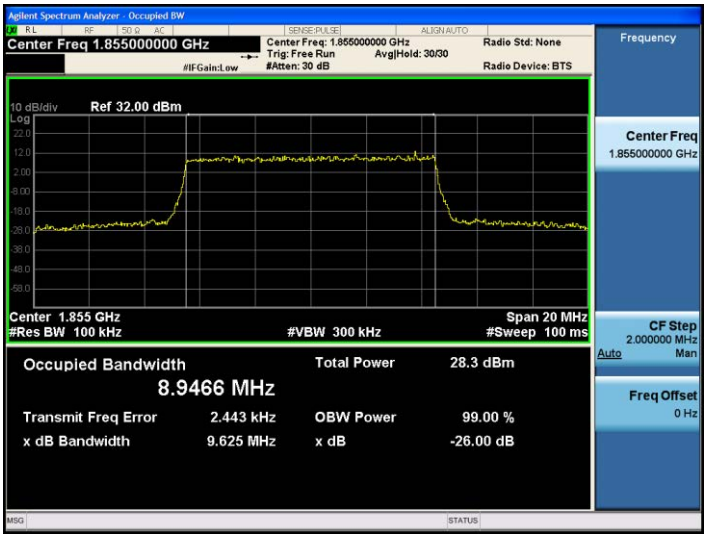
Band25-10MHz-QPSK-26090-50RB#0-8.9585



Band25-10MHz-QPSK-26365-50RB#0-8.9511



Band25-10MHz-QPSK-26640-50RB#0-8.9419



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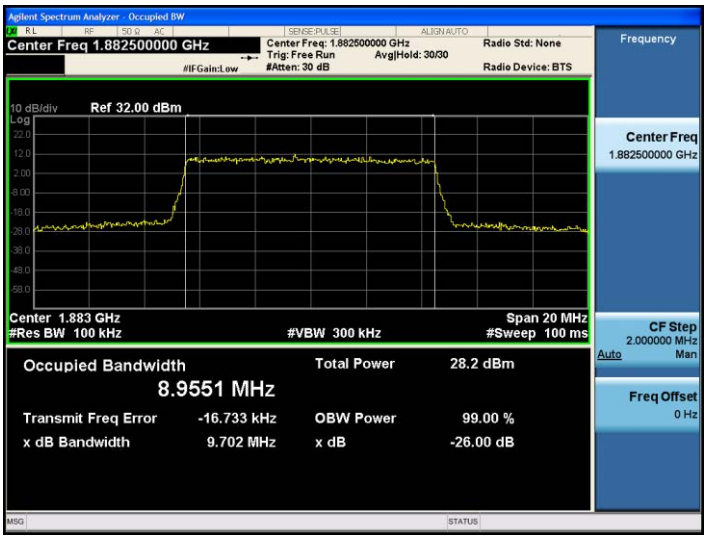

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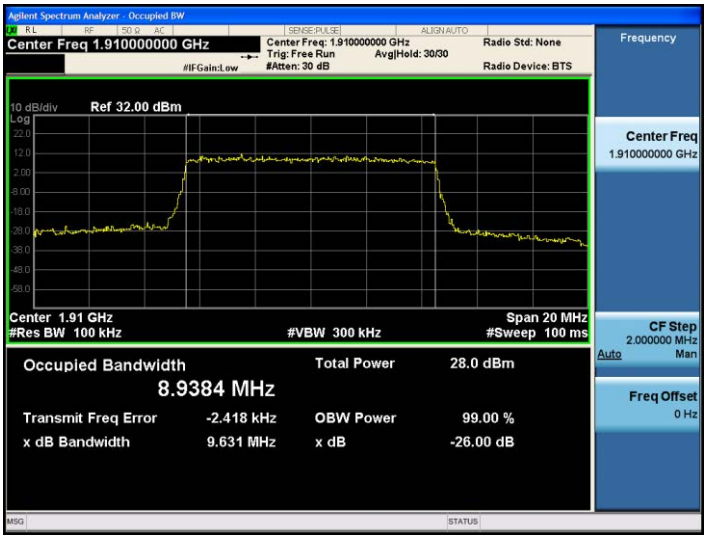

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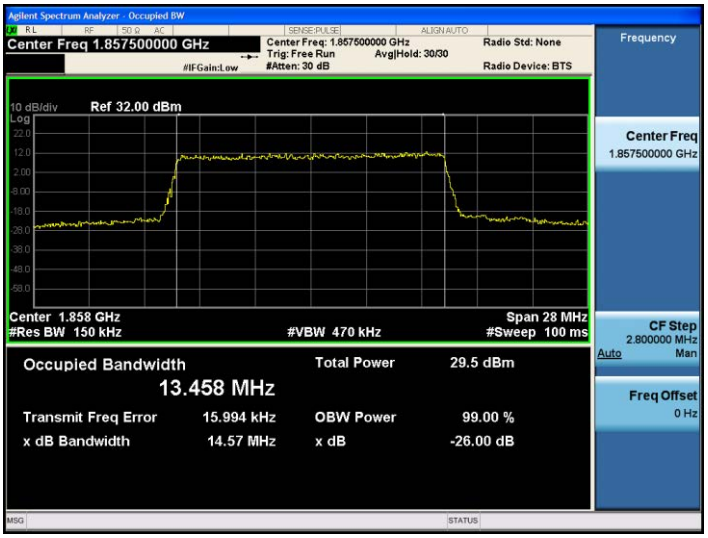
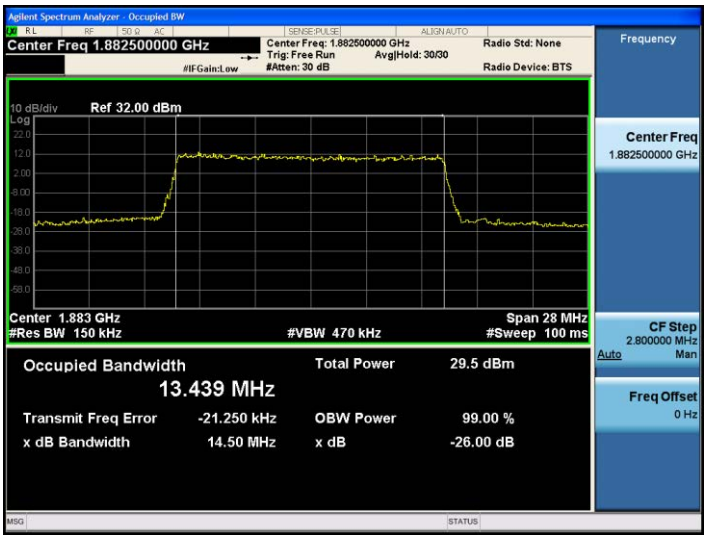


Band25-15MHz-QPSK-26115-75RB#0-13.458



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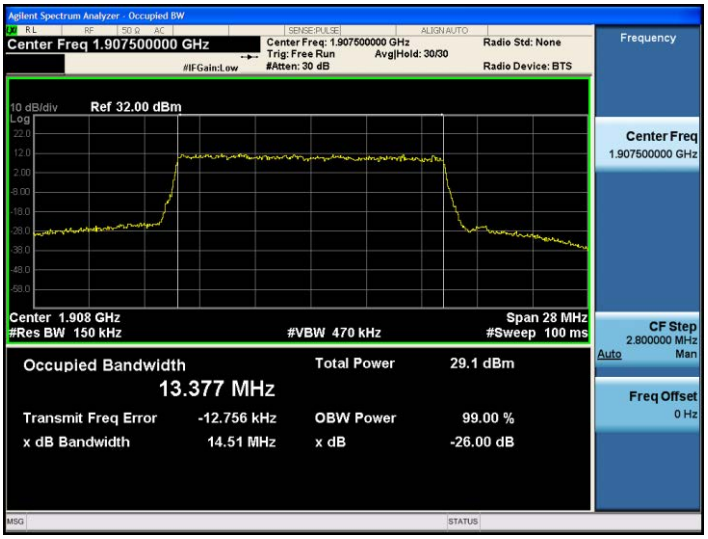
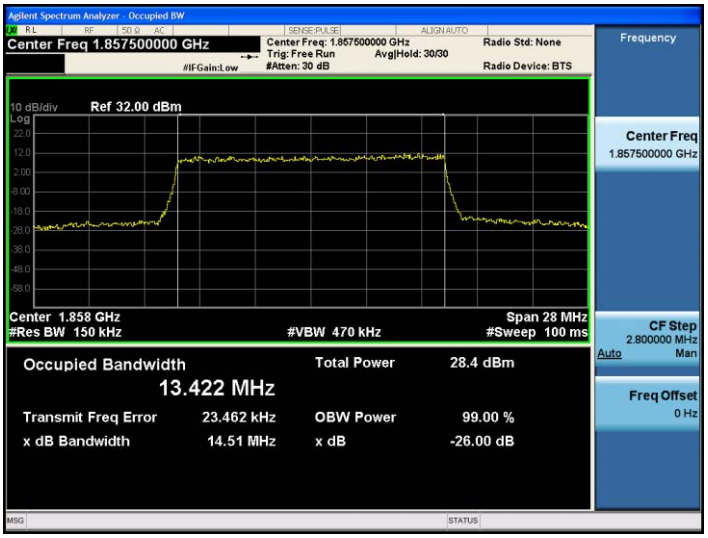


Band25-15MHz-QPSK-26615-75RB#0-13.377



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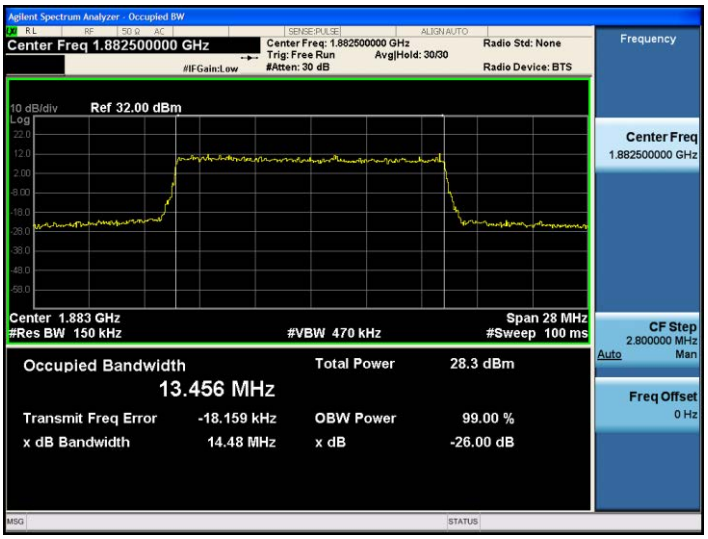

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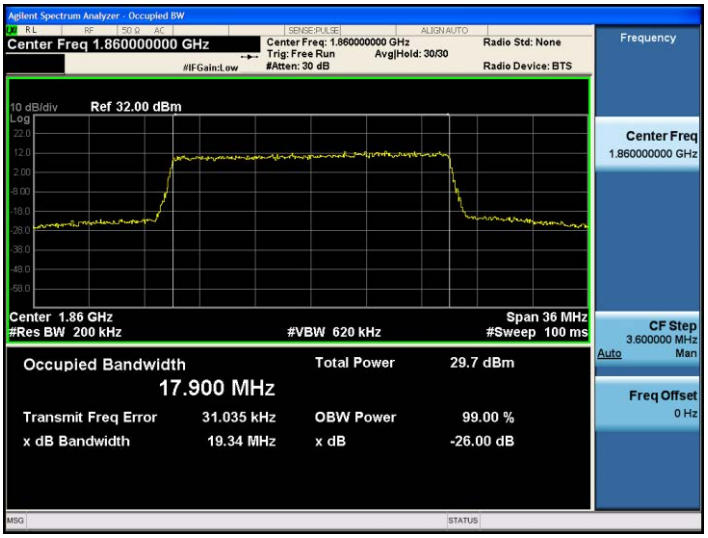
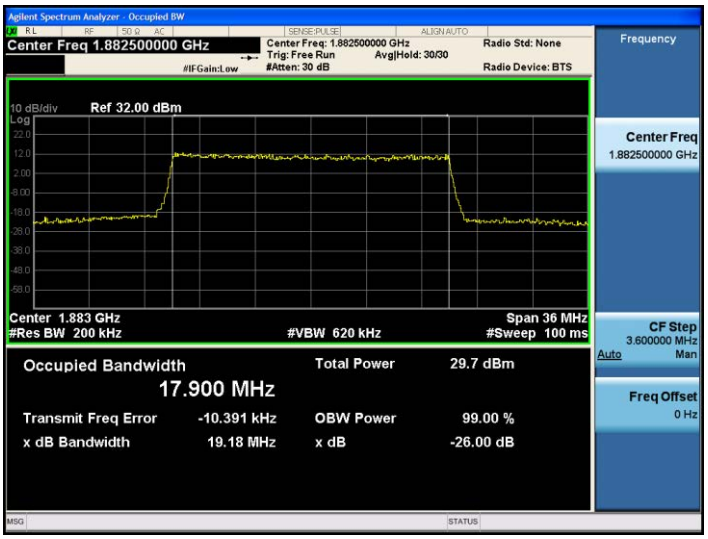
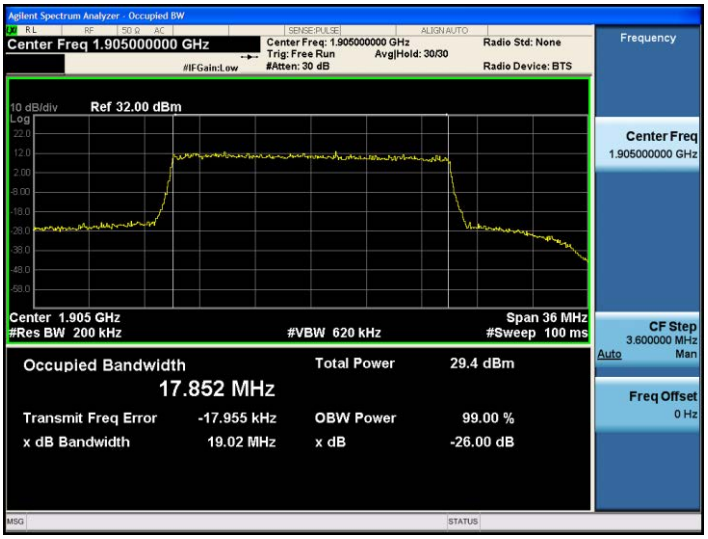
Band25-15MHz-16QAM-26615-75RB#0-13.412



Band25-20MHz-QPSK-26140-100RB#0-17.900



Band25-20MHz-QPSK-26365-100RB#0-17.900



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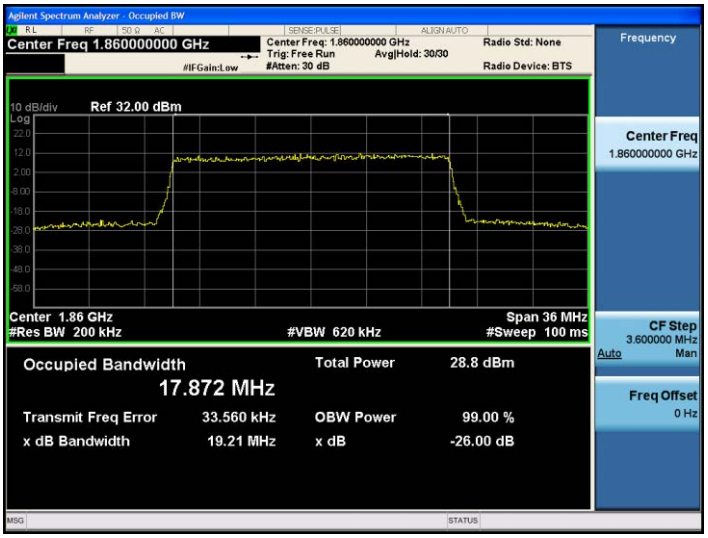
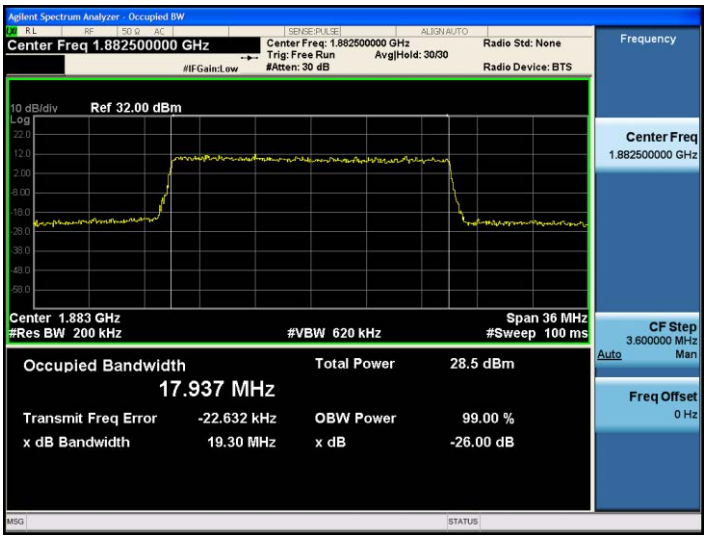


Band25-20MHz-16QAM-26140-100RB#0-17.872



Band25-20MHz-16QAM-26365-100RB#0-17.937

Band25-20MHz-16QAM-26590-100RB#0-17.853

8.4 Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	-20.16	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-25.20	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-22.24	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-26.63	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	-23.15	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-26.13	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-25.01	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-27.04	PASS
Band25	3MHz	QPSK	26055	1RB#0	-20.47	PASS
Band25	3MHz	QPSK	26055	15RB#0	-24.49	PASS
Band25	3MHz	QPSK	26675	1RB#14	-18.87	PASS
Band25	3MHz	QPSK	26675	15RB#0	-28.22	PASS
Band25	3MHz	16QAM	26055	1RB#0	-21.84	PASS
Band25	3MHz	16QAM	26055	15RB#0	-25.33	PASS
Band25	3MHz	16QAM	26675	1RB#14	-21.16	PASS
Band25	3MHz	16QAM	26675	15RB#0	-27.94	PASS
Band25	5MHz	QPSK	26065	1RB#0	-17.95	PASS
Band25	5MHz	QPSK	26065	25RB#0	-24.93	PASS
Band25	5MHz	QPSK	26665	1RB#24	-19.89	PASS
Band25	5MHz	QPSK	26665	25RB#0	-27.59	PASS
Band25	5MHz	16QAM	26065	1RB#0	-20.75	PASS
Band25	5MHz	16QAM	26065	25RB#0	-26.76	PASS
Band25	5MHz	16QAM	26665	1RB#24	-20.01	PASS
Band25	5MHz	16QAM	26665	25RB#0	-28.63	PASS
Band25	10MHz	QPSK	26090	1RB#0	-29.98	PASS
Band25	10MHz	QPSK	26090	50RB#0	-26.69	PASS
Band25	10MHz	QPSK	26640	1RB#49	-29.84	PASS
Band25	10MHz	QPSK	26640	50RB#0	-30.38	PASS
Band25	10MHz	16QAM	26090	1RB#0	-31.28	PASS
Band25	10MHz	16QAM	26090	50RB#0	-28.73	PASS
Band25	10MHz	16QAM	26640	1RB#49	-31.21	PASS
Band25	10MHz	16QAM	26640	50RB#0	-32.17	PASS
Band25	15MHz	QPSK	26115	1RB#0	-27.26	PASS
Band25	15MHz	QPSK	26115	75RB#0	-27.89	PASS
Band25	15MHz	QPSK	26615	1RB#74	-27.41	PASS
Band25	15MHz	QPSK	26615	75RB#0	-32.15	PASS

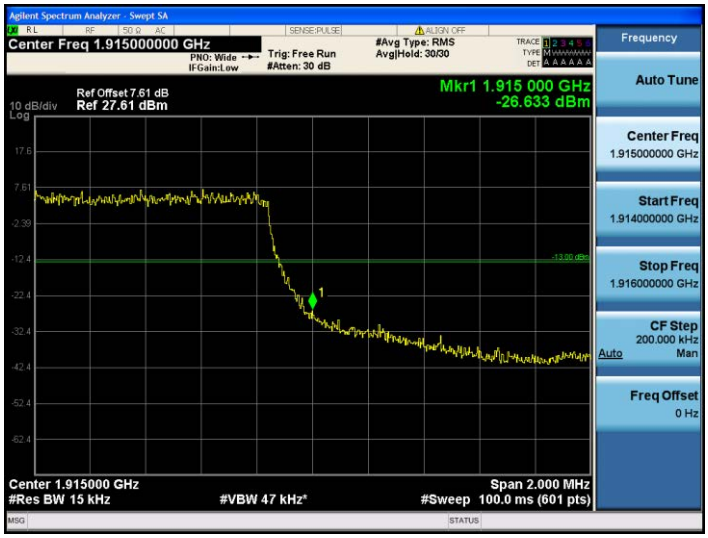
Band25	15MHz	16QAM	26115	1RB#0	-27.15	PASS
Band25	15MHz	16QAM	26115	75RB#0	-29.35	PASS
Band25	15MHz	16QAM	26615	1RB#74	-27.43	PASS
Band25	15MHz	16QAM	26615	75RB#0	-32.19	PASS
Band25	20MHz	QPSK	26140	1RB#0	-29.24	PASS
Band25	20MHz	QPSK	26140	100RB#0	-29.74	PASS
Band25	20MHz	QPSK	26590	1RB#99	-30.80	PASS
Band25	20MHz	QPSK	26590	100RB#0	-31.90	PASS
Band25	20MHz	16QAM	26140	1RB#0	-30.14	PASS
Band25	20MHz	16QAM	26140	100RB#0	-30.93	PASS
Band25	20MHz	16QAM	26590	1RB#99	-30.44	PASS
Band25	20MHz	16QAM	26590	100RB#0	-32.52	PASS

Test Graphs

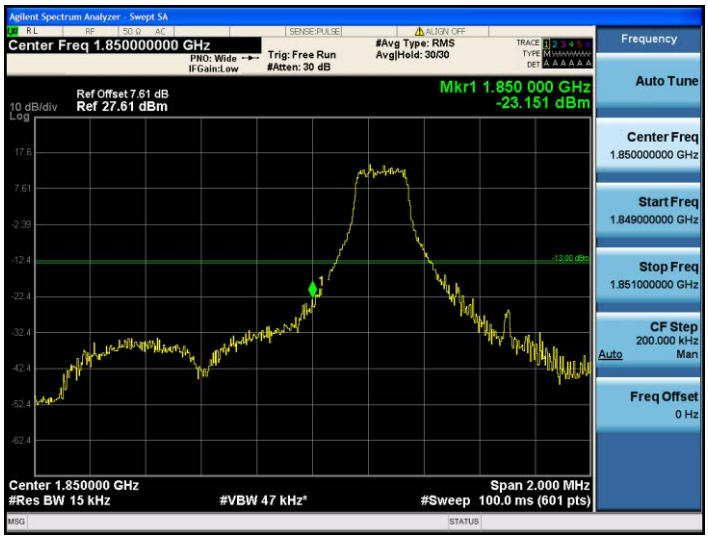
Band25-1.4MHz-QPSK-26047-1RB#0

Band25-1.4MHz-QPSK-26047-6RB#0

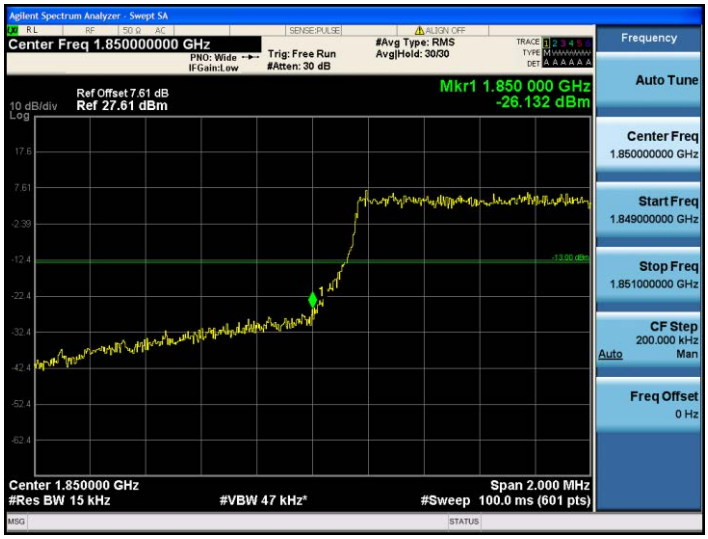
Band25-1.4MHz-QPSK-26683-1RB#5



Band25-1.4MHz-QPSK-26683-6RB#0



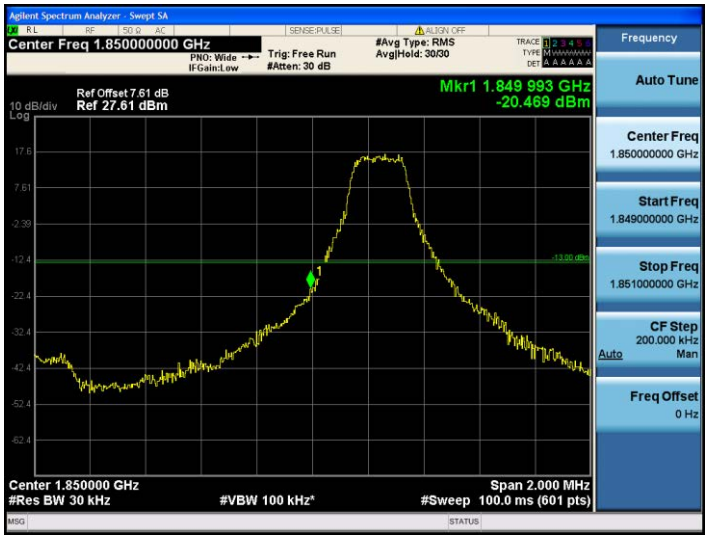
Band25-1.4MHz-16QAM-26047-1RB#0



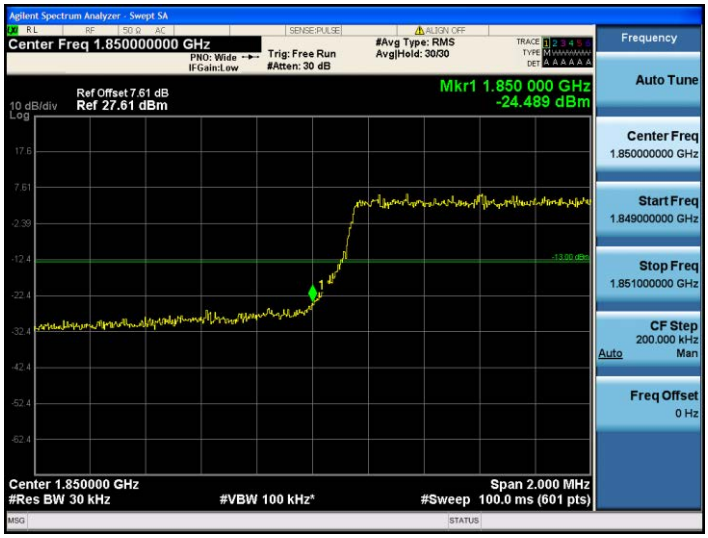
Band25-1.4MHz-16QAM-26047-6RB#0

Band25-1.4MHz-16QAM-26683-1RB#5

Band25-1.4MHz-16QAM-26683-6RB#0



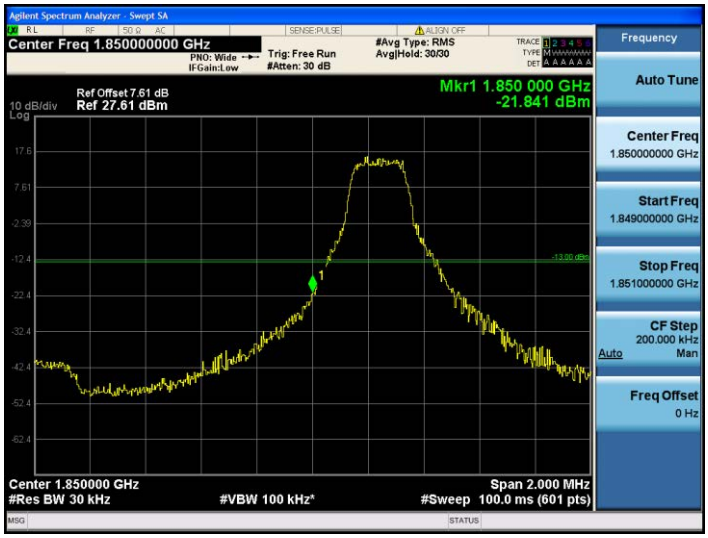
Band25-3MHz-QPSK-26055-1RB#0



Band25-3MHz-QPSK-26055-15RB#0

Band25-3MHz-QPSK-26675-1RB#14

Band25-3MHz-QPSK-26675-15RB#0



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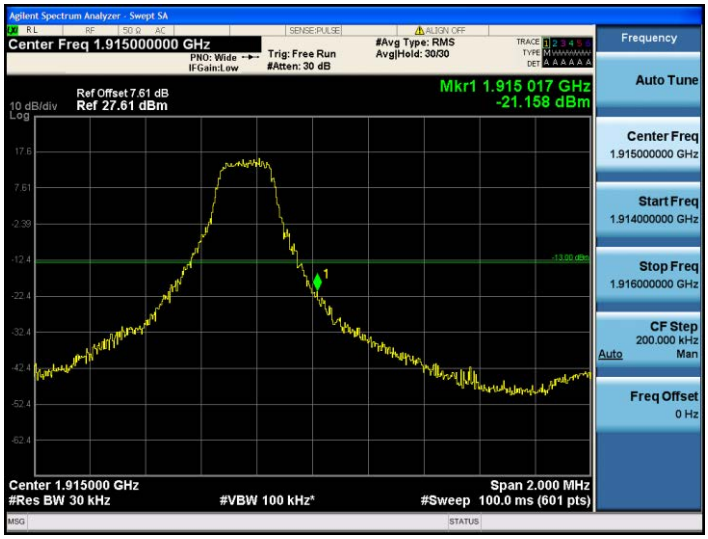
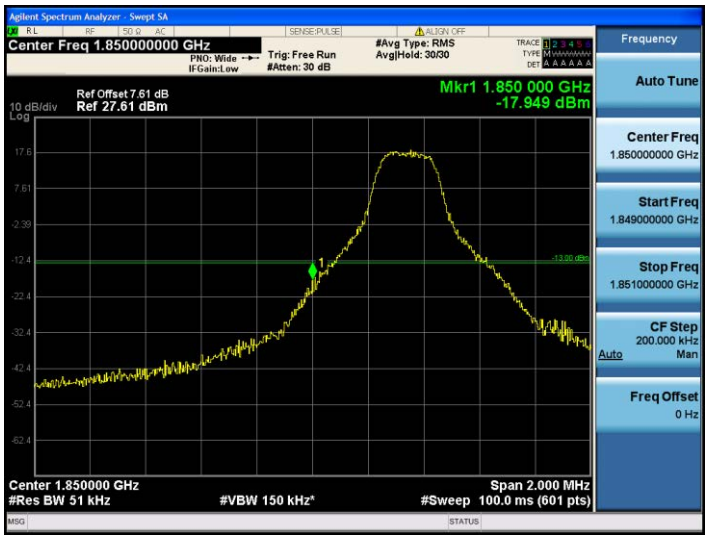


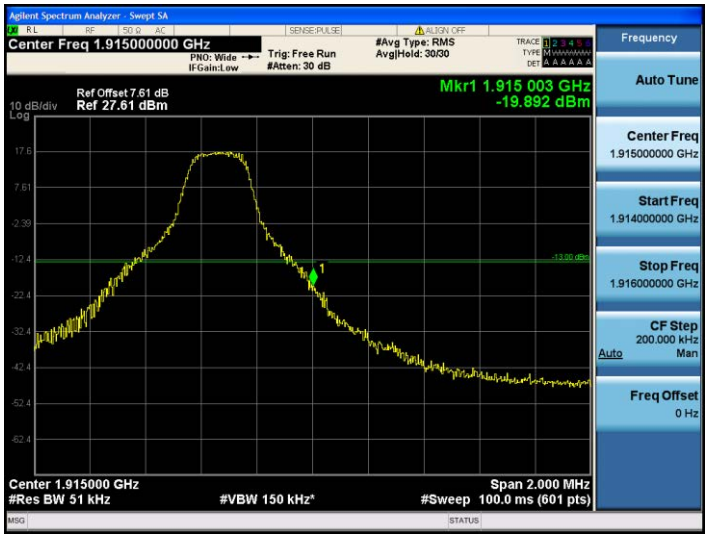
Band25-3MHz-16QAM-26675-1RB#14

Band25-3MHz-16QAM-26675-15RB#0



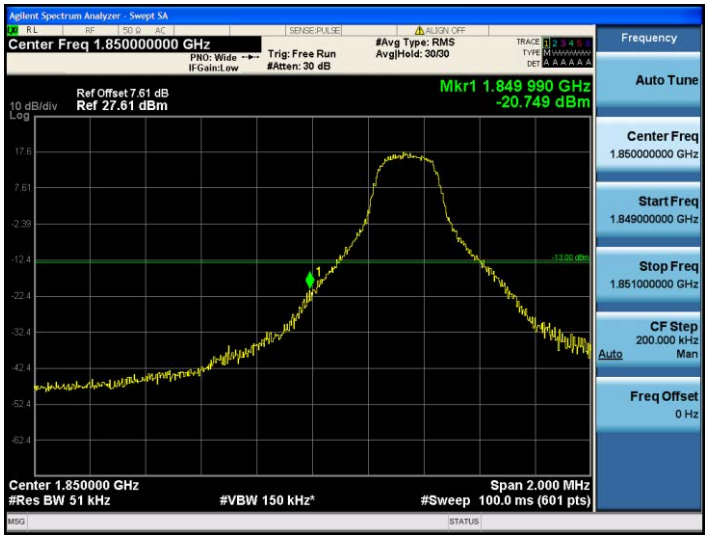
Band25-5MHz-QPSK-26065-1RB#0

Band25-5MHz-QPSK-26065-25RB#0



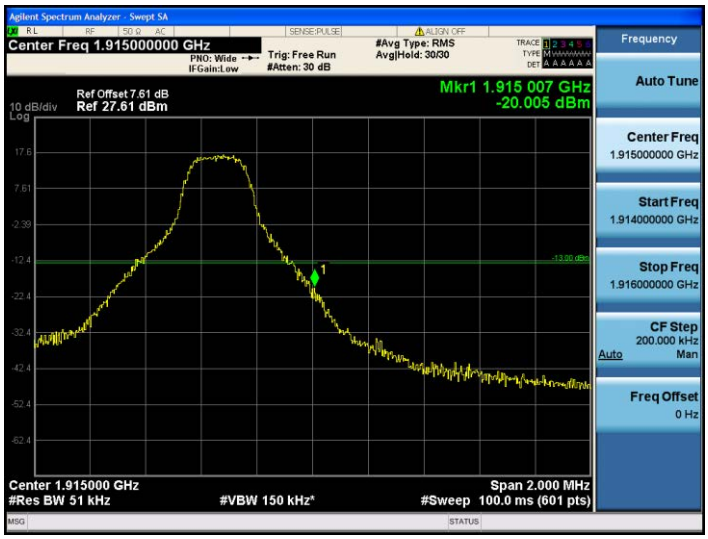
Band25-5MHz-QPSK-26665-1RB#24

Band25-5MHz-QPSK-26665-25RB#0



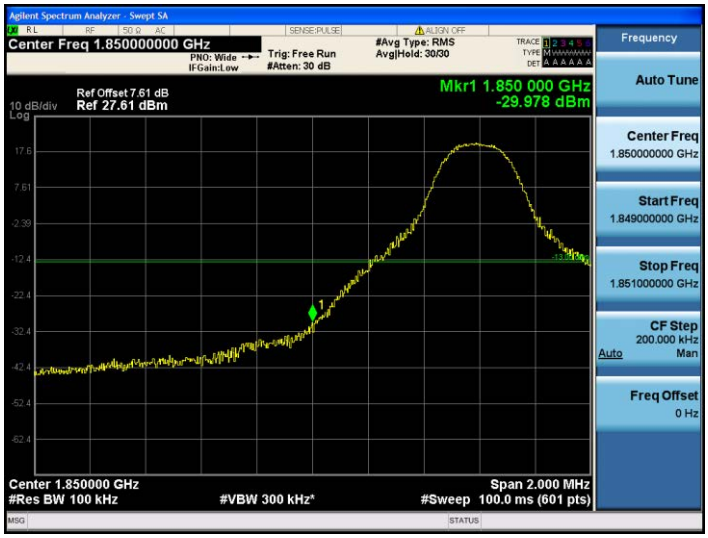
Band25-5MHz-16QAM-26065-1RB#0

Band25-5MHz-16QAM-26065-25RB#0



Band25-5MHz-16QAM-26665-1RB#24

Band25-5MHz-16QAM-26665-25RB#0

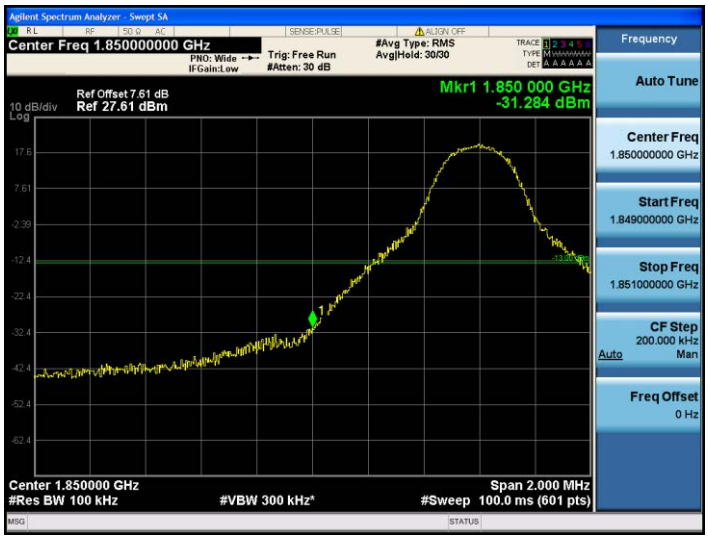


Band25-10MHz-QPSK-26090-1RB#0

Band25-10MHz-QPSK-26090-50RB#0

Band25-10MHz-QPSK-26640-1RB#49

Band25-10MHz-QPSK-26640-50RB#0



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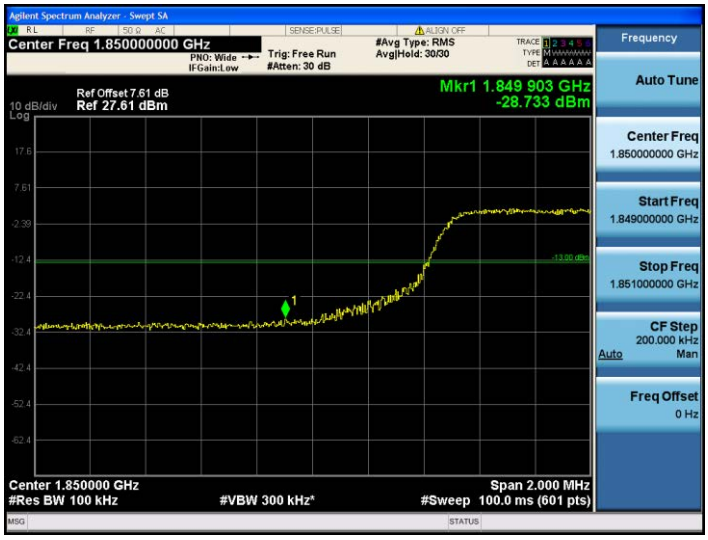
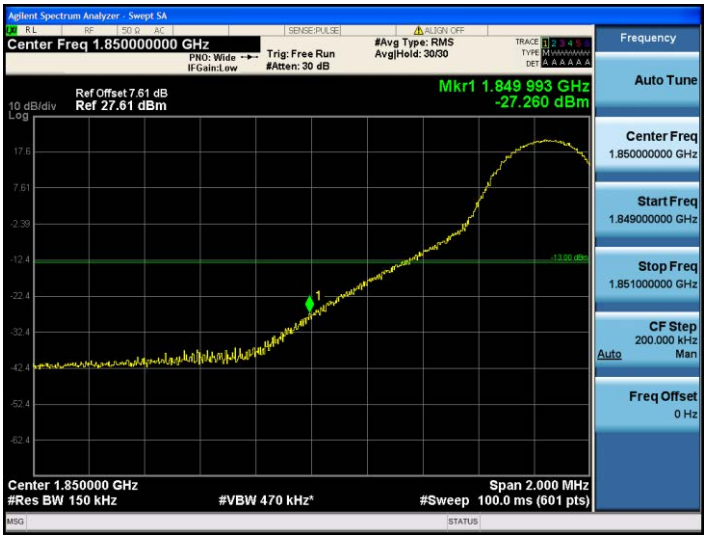


Band25-10MHz-16QAM-26090-50RB#0

Band25-10MHz-16QAM-26640-1RB#49

Band25-10MHz-16QAM-26640-50RB#0

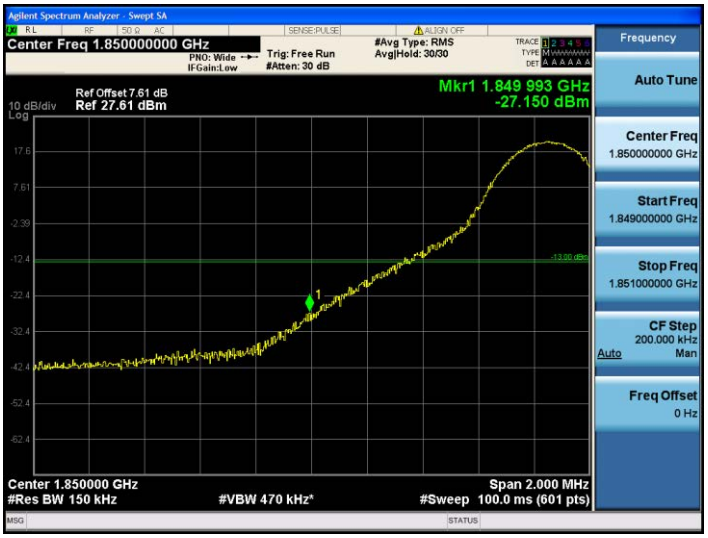


Band25-15MHz-QPSK-26115-1RB#0

Band25-15MHz-QPSK-26115-75RB#0

Band25-15MHz-QPSK-26615-1RB#74

Band25-15MHz-QPSK-26615-75RB#0



Band25-15MHz-16QAM-26115-1RB#0

Band25-15MHz-16QAM-26115-75RB#0

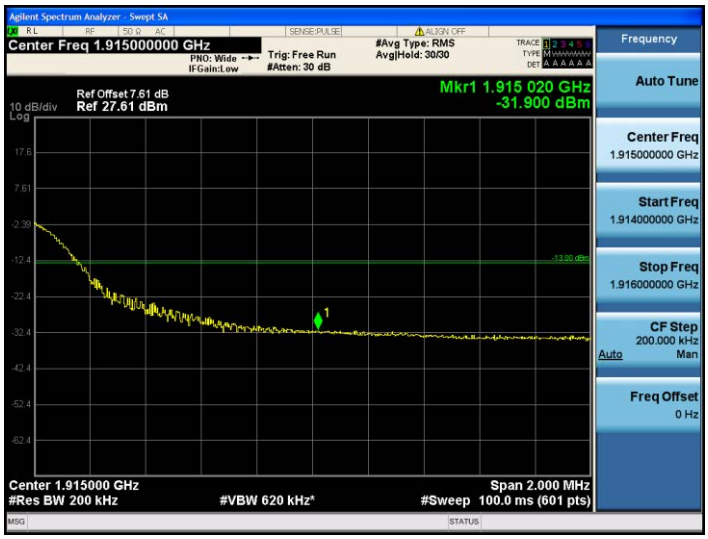
Band25-15MHz-16QAM-26615-1RB#74

Band25-15MHz-16QAM-26615-75RB#0

Band25-20MHz-QPSK-26140-1RB#0

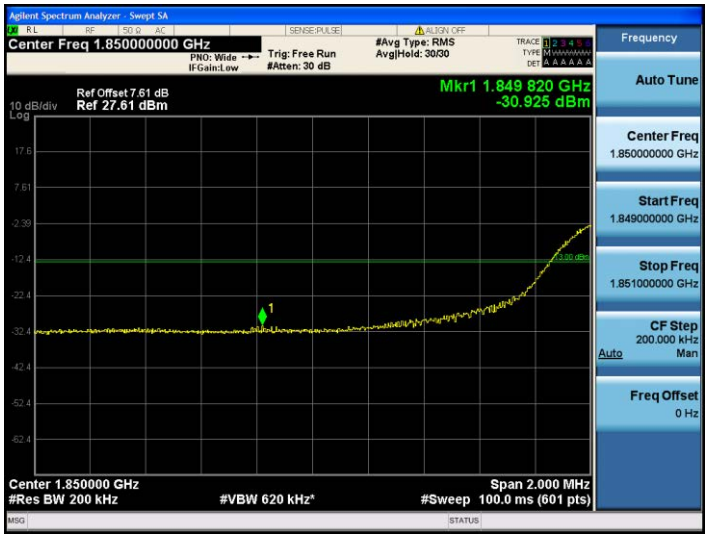
Band25-20MHz-QPSK-26140-100RB#0

Band25-20MHz-QPSK-26590-1RB#99



Band25-20MHz-QPSK-26590-100RB#0

Band25-20MHz-16QAM-26140-1RB#0



Band25-20MHz-16QAM-26140-100RB#0

Band25-20MHz-16QAM-26590-1RB#99

Band25-20MHz-16QAM-26590-100RB#0

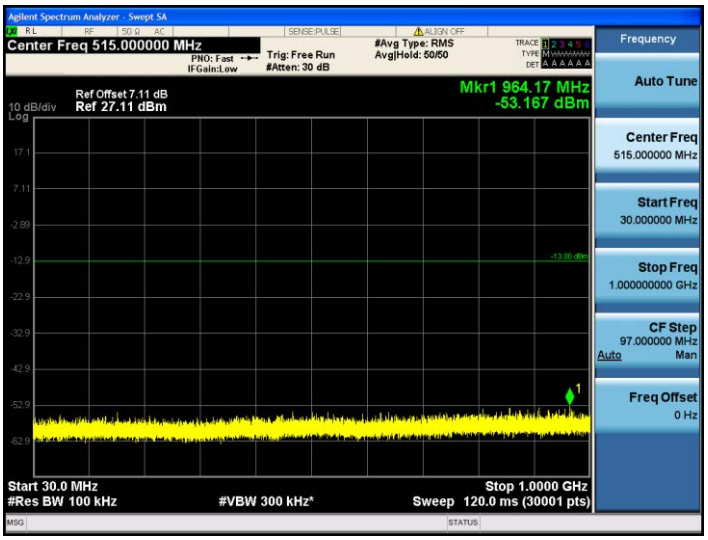
8.5 Appendix E: Conducted Spurious Emission

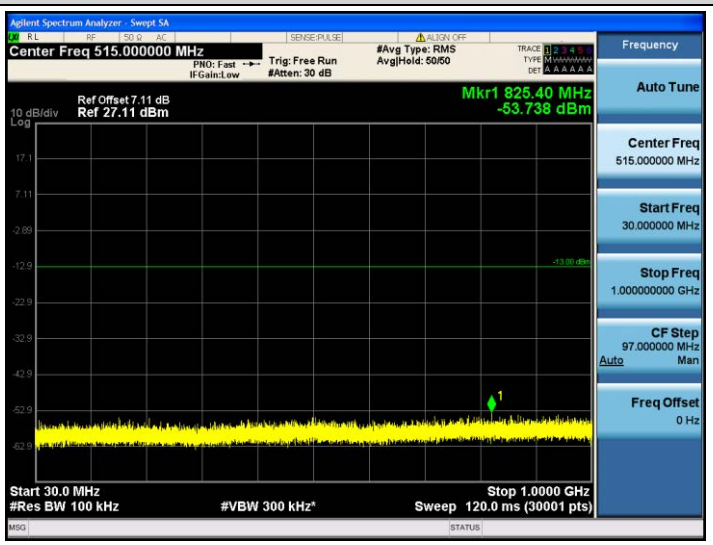
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	30~1000MHz	-53.17	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	1000~26000MHz	-37.59	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	30~1000MHz	-53.74	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	1000~26000MHz	-37.51	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	30~1000MHz	-43.28	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	1000~26000MHz	-37.59	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	30~1000MHz	-54.1	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	1000~26000MHz	-37.74	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	30~1000MHz	-54.03	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	1000~26000MHz	-37.63	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	30~1000MHz	-45.41	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	1000~26000MHz	-37.62	PASS
Band25	3MHz	QPSK	26055	1RB#0	30~1000MHz	-53.38	PASS
Band25	3MHz	QPSK	26055	1RB#0	1000~26000MHz	-37.65	PASS
Band25	3MHz	QPSK	26365	1RB#0	30~1000MHz	-52.92	PASS
Band25	3MHz	QPSK	26365	1RB#0	1000~26000MHz	-37.7	PASS
Band25	3MHz	QPSK	26675	1RB#0	30~1000MHz	-54.04	PASS
Band25	3MHz	QPSK	26675	1RB#0	1000~26000MHz	-37.65	PASS
Band25	3MHz	16QAM	26055	1RB#0	30~1000MHz	-53.53	PASS
Band25	3MHz	16QAM	26055	1RB#0	1000~26000MHz	-37.69	PASS
Band25	3MHz	16QAM	26365	1RB#0	30~1000MHz	-53.53	PASS
Band25	3MHz	16QAM	26365	1RB#0	1000~26000MHz	-37.68	PASS
Band25	3MHz	16QAM	26675	1RB#0	30~1000MHz	-53.31	PASS
Band25	3MHz	16QAM	26675	1RB#0	1000~26000MHz	-37.49	PASS
Band25	5MHz	QPSK	26065	1RB#0	30~1000MHz	-53.96	PASS
Band25	5MHz	QPSK	26065	1RB#0	1000~26000MHz	-37.72	PASS
Band25	5MHz	QPSK	26365	1RB#0	30~1000MHz	-53.91	PASS
Band25	5MHz	QPSK	26365	1RB#0	1000~26000MHz	-37.71	PASS
Band25	5MHz	QPSK	26665	1RB#0	30~1000MHz	-54.02	PASS
Band25	5MHz	QPSK	26665	1RB#0	1000~26000MHz	-37.67	PASS
Band25	5MHz	16QAM	26065	1RB#0	30~1000MHz	-54.1	PASS
Band25	5MHz	16QAM	26065	1RB#0	1000~26000MHz	-37.5	PASS
Band25	5MHz	16QAM	26365	1RB#0	30~1000MHz	-53.05	PASS
Band25	5MHz	16QAM	26365	1RB#0	1000~26000MHz	-37.71	PASS
Band25	5MHz	16QAM	26665	1RB#0	30~1000MHz	-53.6	PASS
Band25	5MHz	16QAM	26665	1RB#0	1000~26000MHz	-37.28	PASS

Band25	10MHz	QPSK	26090	1RB#0	30~1000MHz	-53.51	PASS
Band25	10MHz	QPSK	26090	1RB#0	1000~26000MHz	-37.51	PASS
Band25	10MHz	QPSK	26365	1RB#0	30~1000MHz	-53.78	PASS
Band25	10MHz	QPSK	26365	1RB#0	1000~26000MHz	-37.68	PASS
Band25	10MHz	QPSK	26640	1RB#0	30~1000MHz	-52.87	PASS
Band25	10MHz	QPSK	26640	1RB#0	1000~26000MHz	-37.5	PASS
Band25	10MHz	16QAM	26090	1RB#0	30~1000MHz	-53.57	PASS
Band25	10MHz	16QAM	26090	1RB#0	1000~26000MHz	-37.7	PASS
Band25	10MHz	16QAM	26365	1RB#0	30~1000MHz	-53.52	PASS
Band25	10MHz	16QAM	26365	1RB#0	1000~26000MHz	-37.77	PASS
Band25	10MHz	16QAM	26640	1RB#0	30~1000MHz	-53.55	PASS
Band25	10MHz	16QAM	26640	1RB#0	1000~26000MHz	-37.52	PASS
Band25	15MHz	QPSK	26115	1RB#0	30~1000MHz	-54.07	PASS
Band25	15MHz	QPSK	26115	1RB#0	1000~26000MHz	-37.54	PASS
Band25	15MHz	QPSK	26365	1RB#0	30~1000MHz	-53.56	PASS
Band25	15MHz	QPSK	26365	1RB#0	1000~26000MHz	-37.56	PASS
Band25	15MHz	QPSK	26615	1RB#0	30~1000MHz	-53.89	PASS
Band25	15MHz	QPSK	26615	1RB#0	1000~26000MHz	-37.67	PASS
Band25	15MHz	16QAM	26115	1RB#0	30~1000MHz	-53.52	PASS
Band25	15MHz	16QAM	26115	1RB#0	1000~26000MHz	-37.63	PASS
Band25	15MHz	16QAM	26365	1RB#0	30~1000MHz	-53.65	PASS
Band25	15MHz	16QAM	26365	1RB#0	1000~26000MHz	-37.66	PASS
Band25	15MHz	16QAM	26615	1RB#0	30~1000MHz	-53.97	PASS
Band25	15MHz	16QAM	26615	1RB#0	1000~26000MHz	-37.5	PASS
Band25	20MHz	QPSK	26140	1RB#0	30~1000MHz	-54.26	PASS
Band25	20MHz	QPSK	26140	1RB#0	1000~26000MHz	-37.43	PASS
Band25	20MHz	QPSK	26365	1RB#0	30~1000MHz	-54.1	PASS
Band25	20MHz	QPSK	26365	1RB#0	1000~26000MHz	-37.68	PASS
Band25	20MHz	QPSK	26590	1RB#0	30~1000MHz	-53.44	PASS
Band25	20MHz	QPSK	26590	1RB#0	1000~26000MHz	-37.62	PASS
Band25	20MHz	16QAM	26140	1RB#0	30~1000MHz	-54.1	PASS
Band25	20MHz	16QAM	26140	1RB#0	1000~26000MHz	-37.59	PASS
Band25	20MHz	16QAM	26365	1RB#0	30~1000MHz	-53.75	PASS
Band25	20MHz	16QAM	26365	1RB#0	1000~26000MHz	-37.48	PASS
Band25	20MHz	16QAM	26590	1RB#0	30~1000MHz	-53.7	PASS
Band25	20MHz	16QAM	26590	1RB#0	1000~26000MHz	-37.47	PASS

Test Graphs



Band25-1.4MHz-QPSK-26047-1RB#0-30~1000MHz

Band25-1.4MHz-QPSK-26047-1RB#0-1000~26000MHz