Band 2:

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	5MHz	QPSK	18625	1RB#0	22.71	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.79	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.87	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.92	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.93	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.97	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.94	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.58	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.56	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.51	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.42	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.37	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.37	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.4	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.13	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.64	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.67	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.03	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.97	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.33	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.87	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.11	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.14	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.09	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.03	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.03	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.07	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.08	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.14	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.2	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.15	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.63	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.59	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.6	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.59	PASS

Band2	5MHz	16QAM	19175	1RB#0	22.71	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.09	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.08	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.22	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.18	PASS
Band2	5MHz	16QAM	19175	12RB#13	21	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.16	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.77	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.83	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.05	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.44	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.81	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.95	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.84	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.57	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.38	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.3	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.36	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.4	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.43	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.08	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.22	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.92	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.05	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.09	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.97	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.95	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.2	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.24	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.5	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.94	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.05	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.13	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.14	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.47	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.51	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.54	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.56	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.62	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.55	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.62	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.43	PASS

Band2	10MHz	16QAM	19150	1RB#24	22.62	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.46	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.29	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.2	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.18	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.16	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.07	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.75	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.42	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.38	PASS
Band2	15MHz	QPSK	18675	38RB#18	21.9	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.17	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.37	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.35	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.31	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.45	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.31	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.46	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.34	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.51	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.8	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.95	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.7	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.12	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.2	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.02	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.28	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.49	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.83	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.9	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.64	PASS
Band2	15MHz	16QAM	18675	38RB#18	21	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.27	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.52	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.7	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.68	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.6	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.78	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.65	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.63	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.73	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.68	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.7	PASS

Band2	15MHz	16QAM	19125	1RB#74	22.31	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.45	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.48	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.23	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.58	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.18	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.11	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.49	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.14	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.02	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.37	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.51	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.48	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.54	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.52	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.52	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.58	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.54	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.49	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.12	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.27	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.1	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.08	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.14	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.13	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.85	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.07	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.41	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.49	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.13	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.56	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.54	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.28	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.21	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.3	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.92	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.94	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.86	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.82	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.69	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.83	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.46	PASS

Band2	20MHz	16QAM	19100	50RB#0	21.41	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.34	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.48	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.4	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

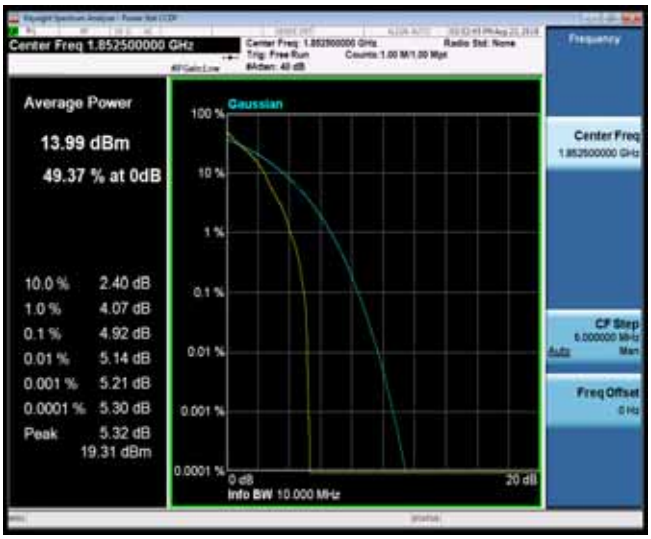
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	5MHz	QPSK	18625	1RB#0	4.92	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.09	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	5.07	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.27	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.16	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.37	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.45	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.59	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.96	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.07	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	4.79	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.87	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.64	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.31	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	5.28	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.64	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	5.20	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.06	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.25	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.94	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.62	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.30	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.79	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.78	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	6.55	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.26	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	7.22	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.50	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	6.49	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.21	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	6.46	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.01	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	6.77	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.18	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	6.49	13	PASS

Band2	15MHz	16QAM	19125	75RB#0	6.00	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	7.28	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.46	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	7.43	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.45	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	7.20	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.63	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	7.74	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.33	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	7.78	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.37	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	7.64	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.50	13	PASS

Band	Bandwidth	Channel	Modulation	RB Configuration	EIRP (dBm)	Verdict
Band2	5MHz	18625	QPSK	1RB#24	26	PASS
Band2	5MHz	18900	QPSK	1RB#0	26.71	PASS
Band2	5MHz	19175	QPSK	1RB#0	26.26	PASS
Band2	10MHz	18650	QPSK	1RB#0	25.9	PASS
Band2	10MHz	18900	QPSK	1RB#0	26.7	PASS
Band2	10MHz	19150	QPSK	1RB#24	26.35	PASS
Band2	15MHz	18675	QPSK	1RB#74	26.55	PASS
Band2	15MHz	18900	QPSK	1RB#74	26.58	PASS
Band2	15MHz	19125	QPSK	1RB#38	26.08	PASS
Band2	20MHz	18700	QPSK	1RB#99	26.62	PASS
Band2	20MHz	18900	QPSK	1RB#99	26.67	PASS
Band2	20MHz	19100	QPSK	1RB#0	26.62	PASS

Test Graphs

Band2_5MHz_QPSK_18625_1RB#0

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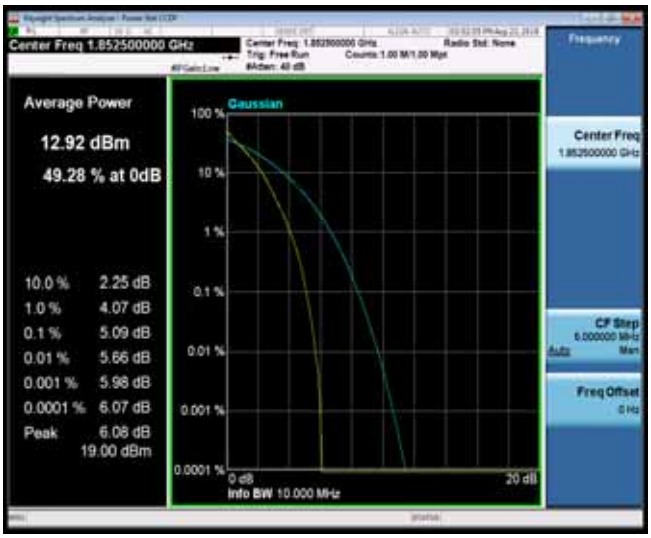
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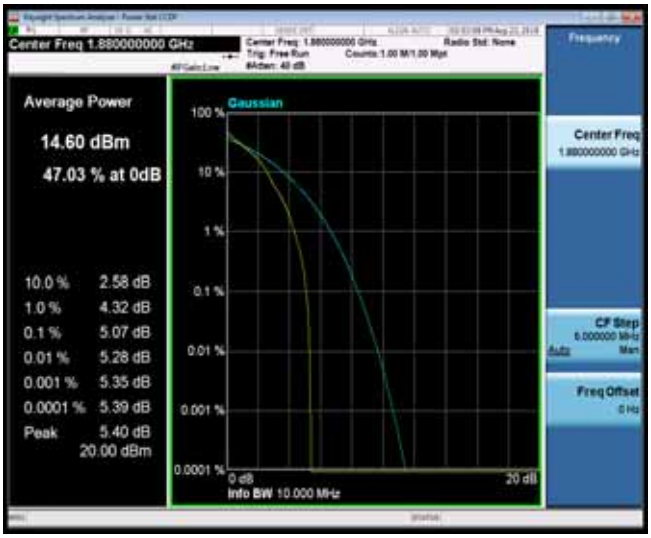
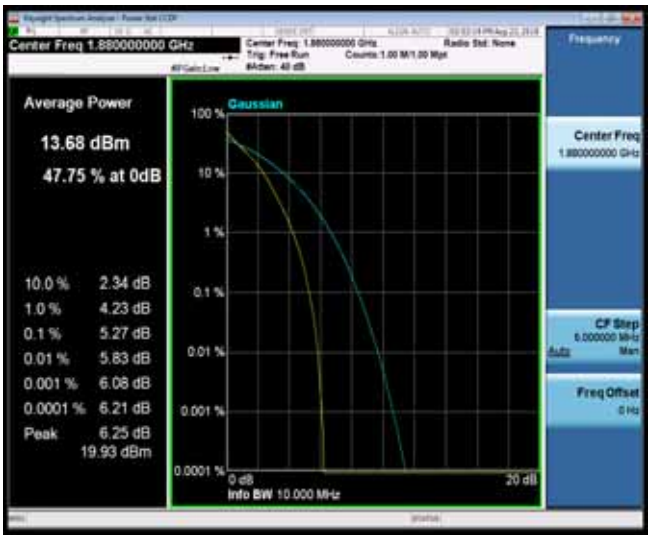


Band2_5MHz_QPSK_18900_25RB#0



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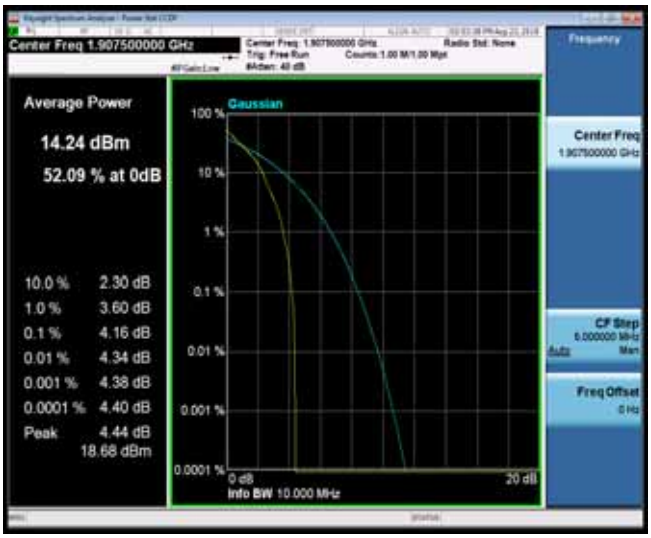

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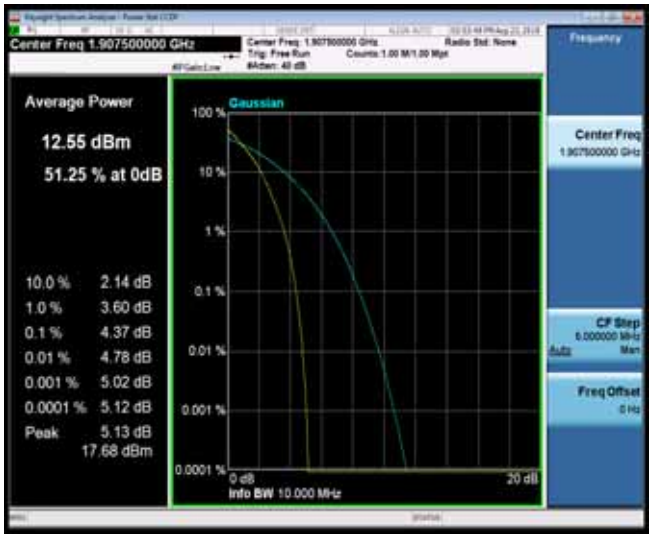

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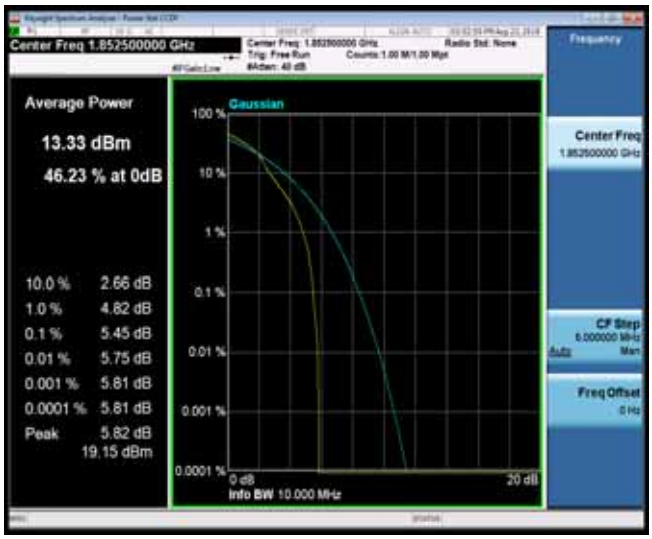
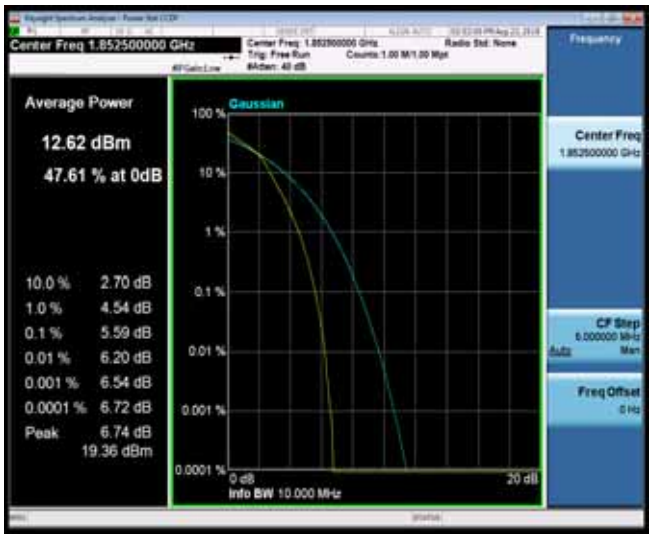


Band2_5MHz_16QAM_18625_25RB#0



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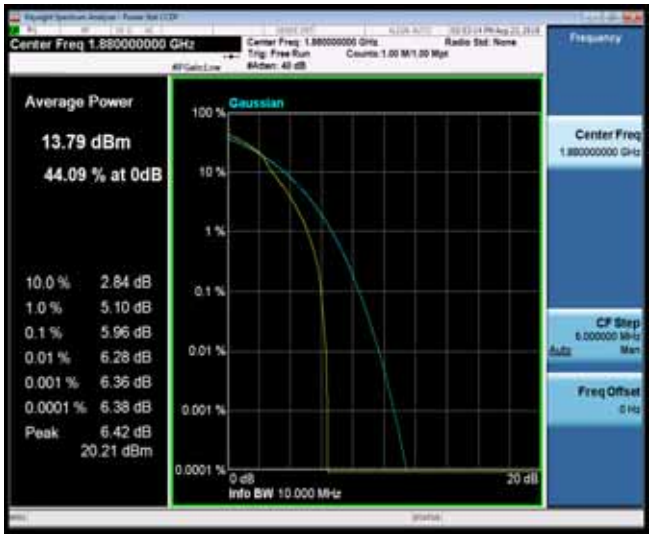

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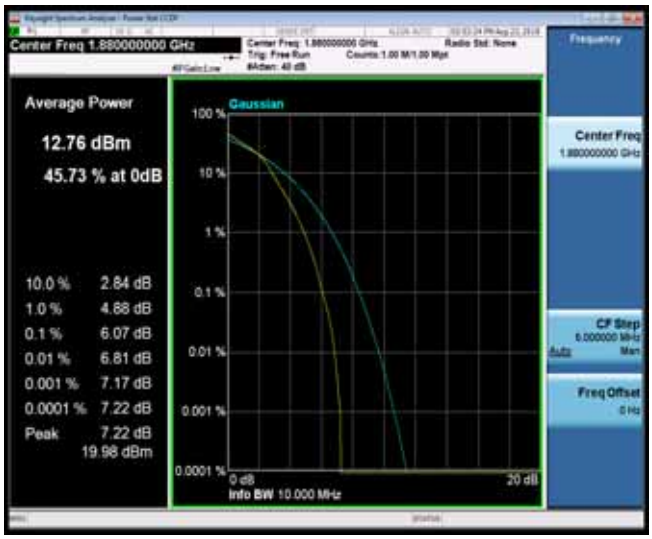

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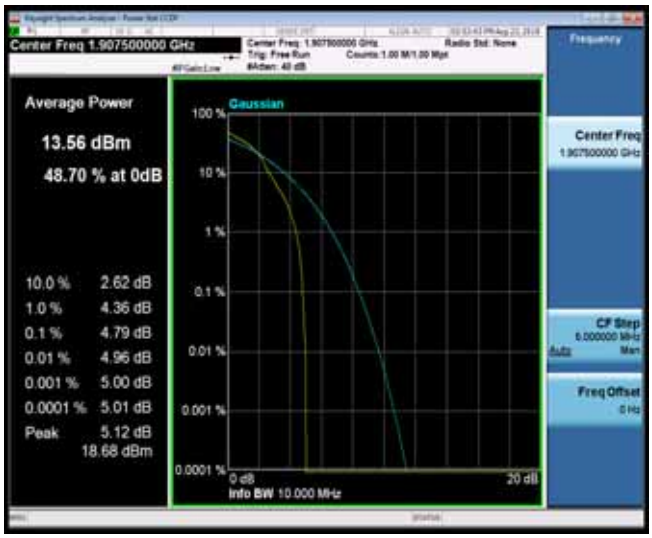
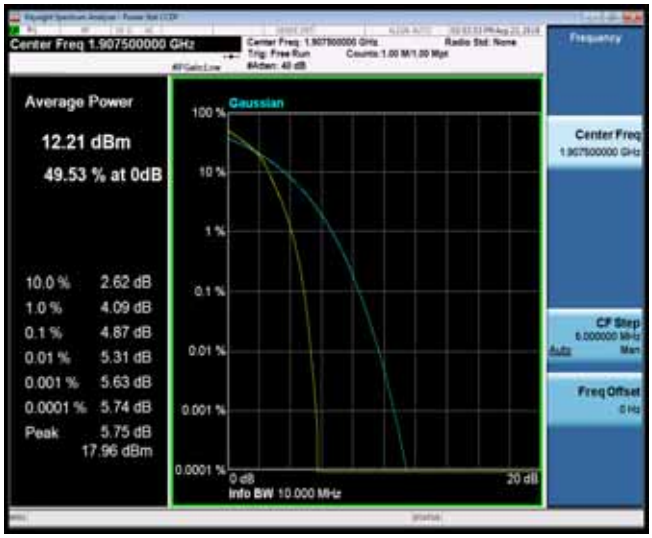


Band2_5MHz_16QAM_19175_25RB#0



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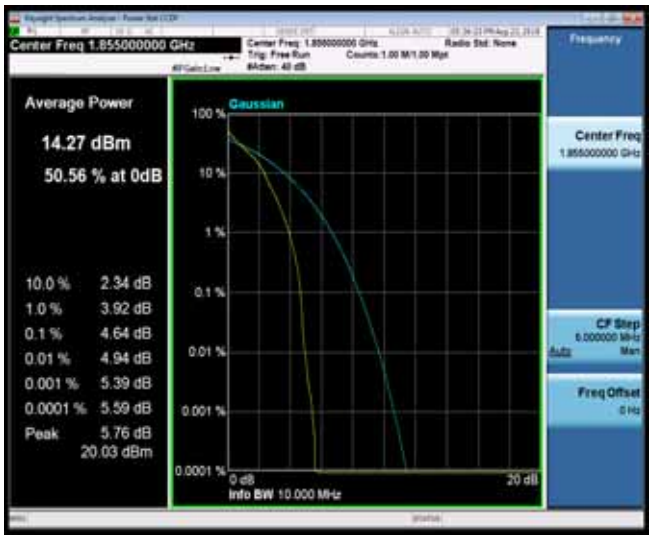

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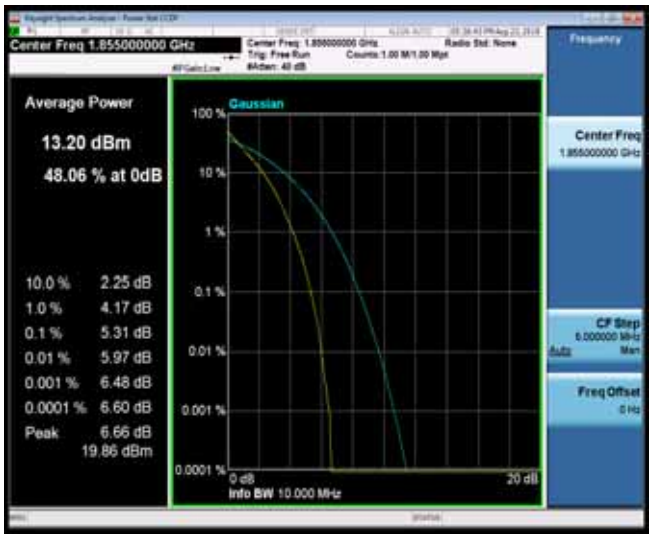
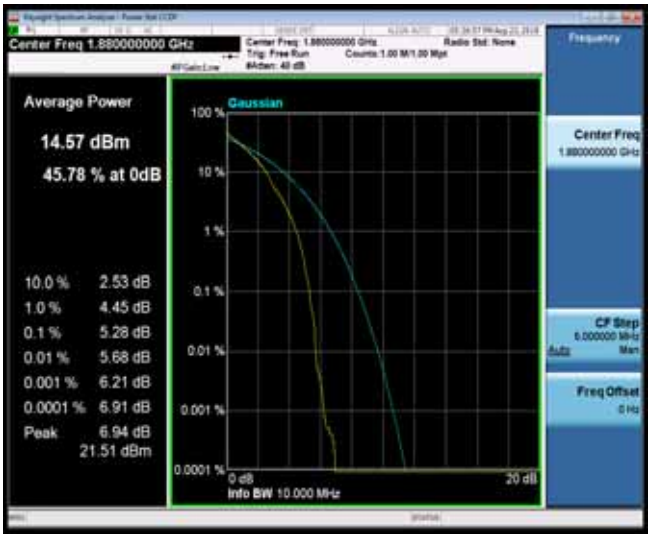


Band2_10MHz_QPSK_18900_1RB#0



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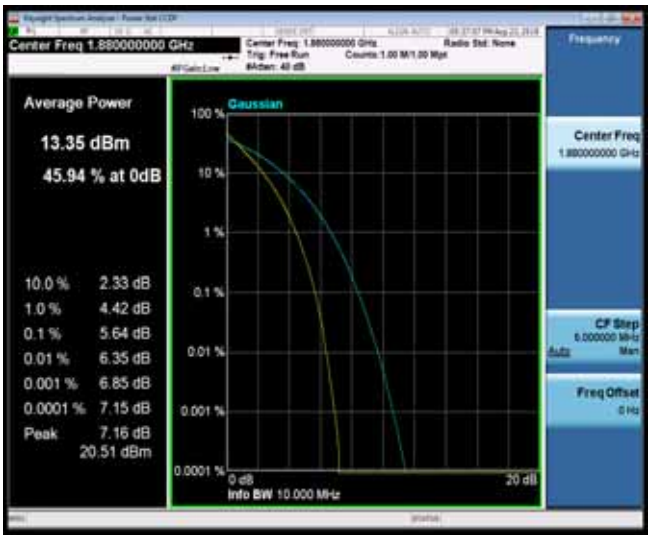

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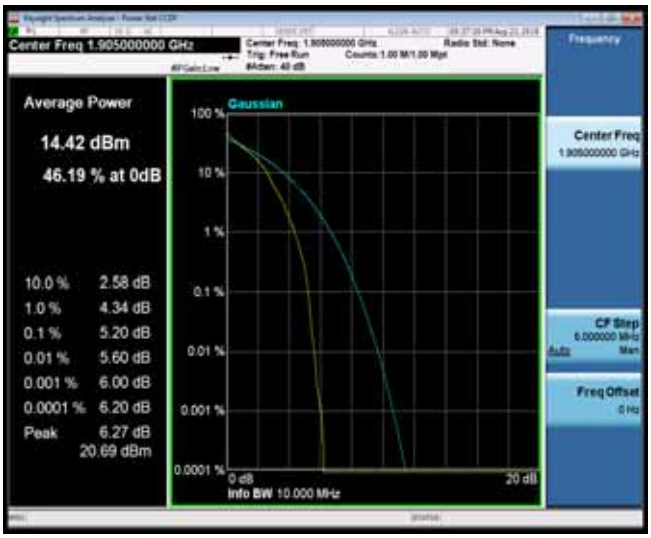

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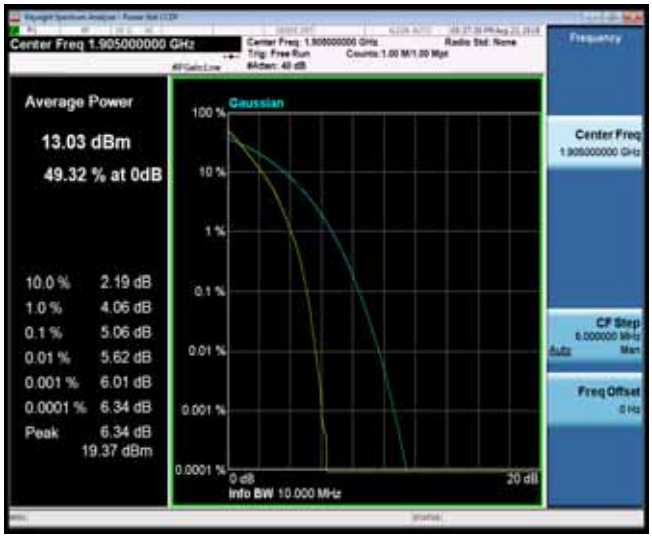
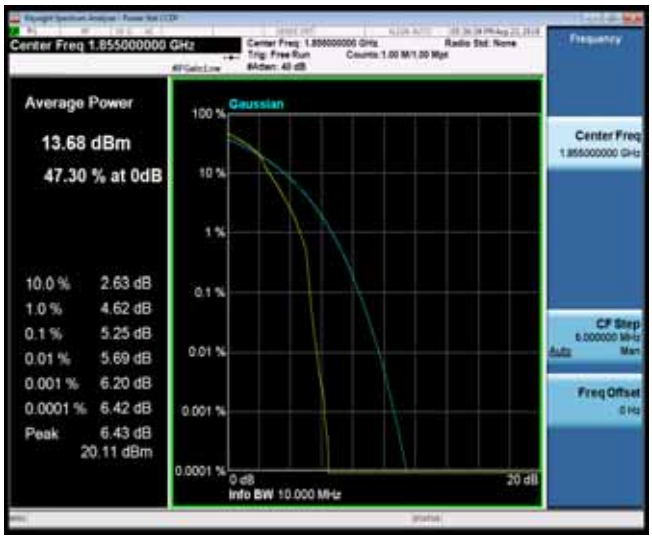


Band2_10MHz_16QAM_18650_1RB#0



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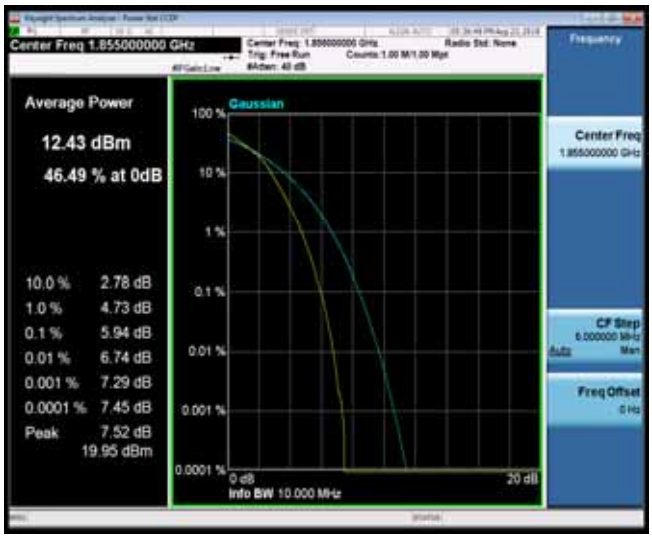

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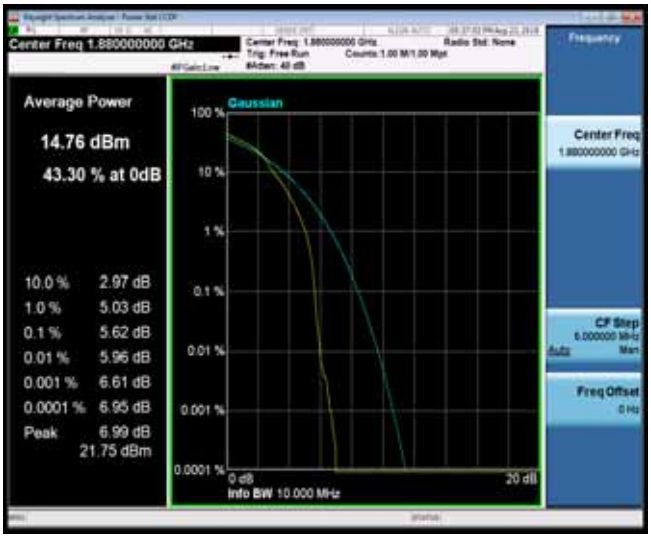

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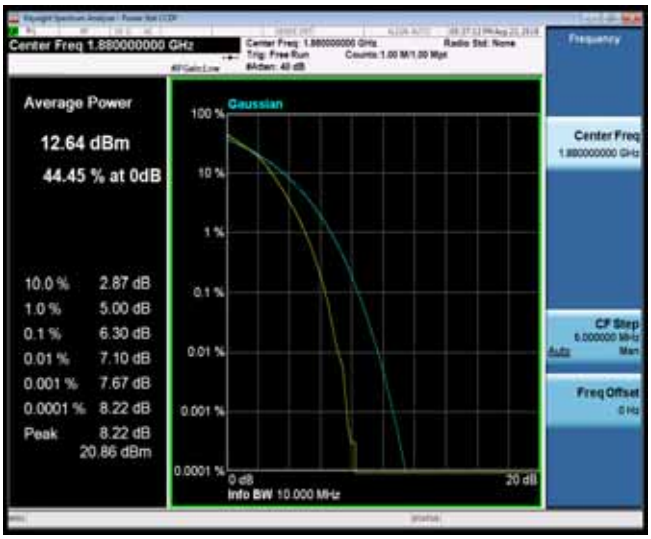

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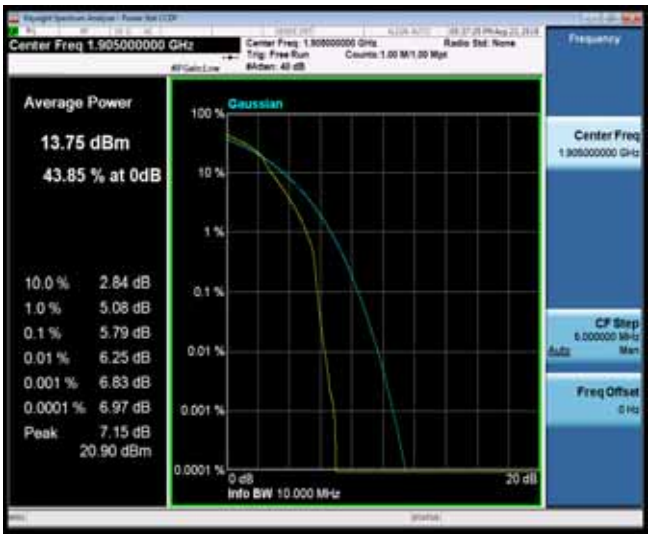

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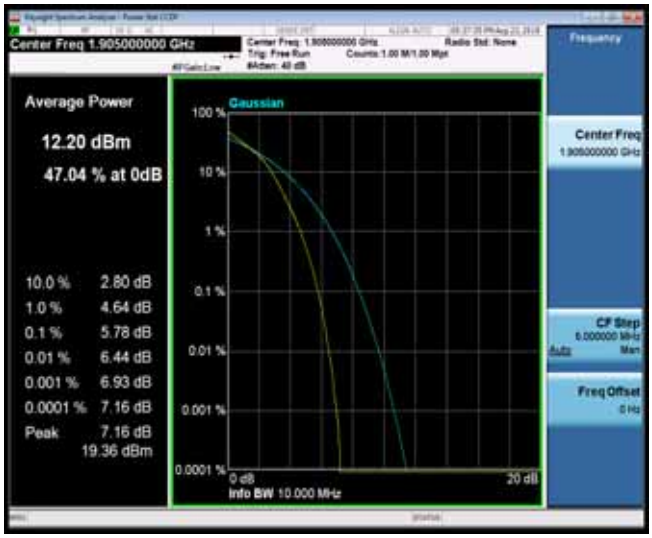

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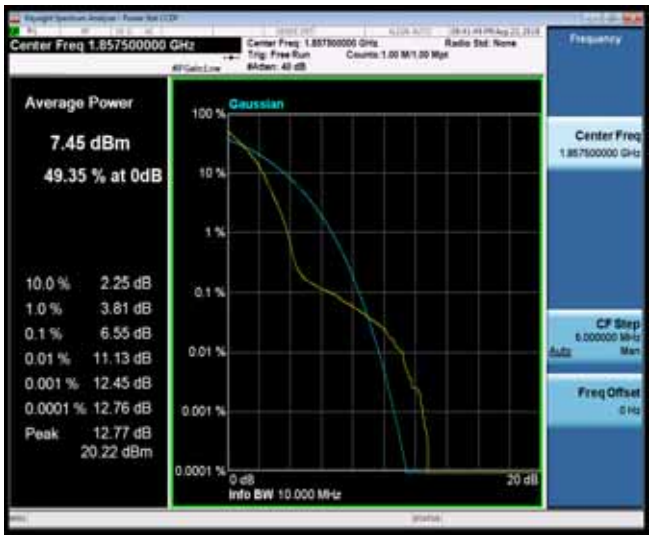

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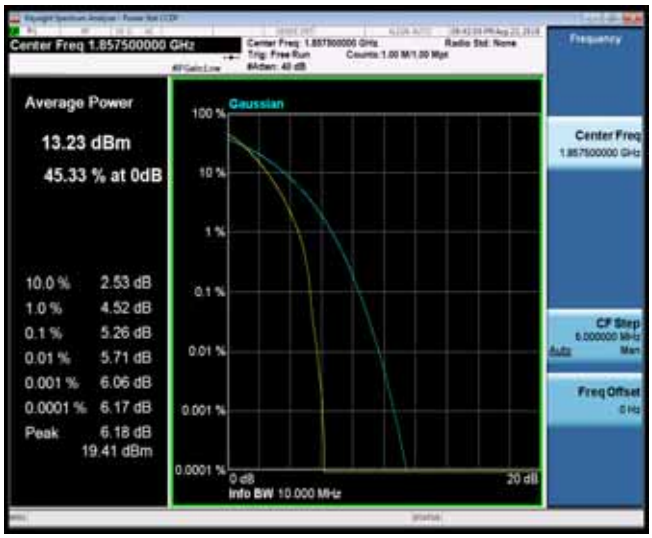

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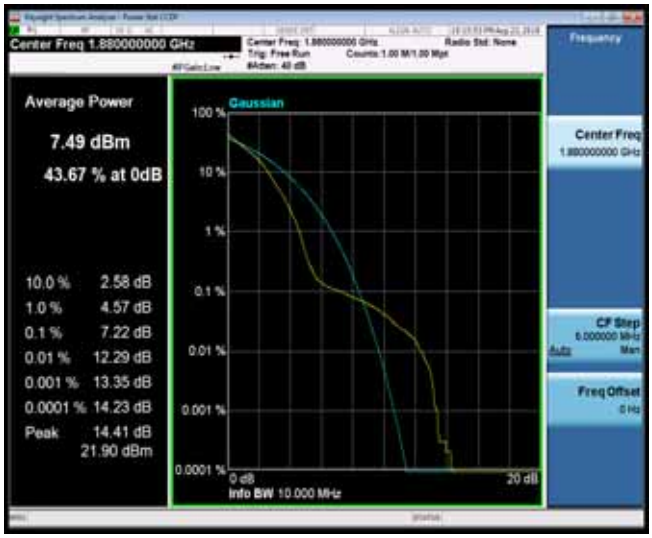

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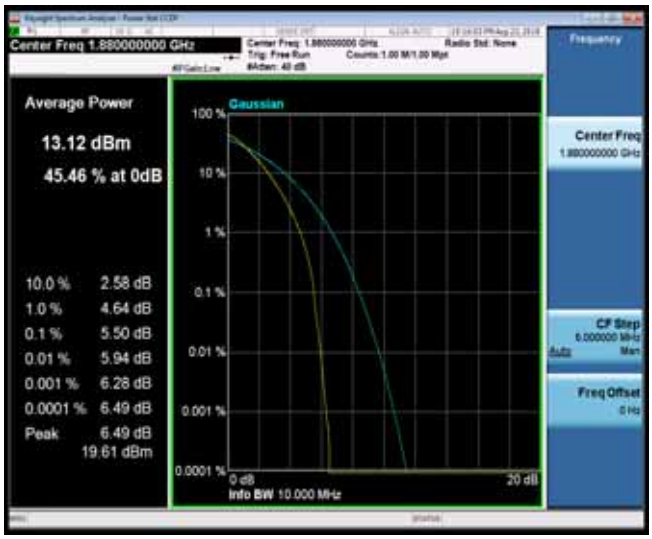

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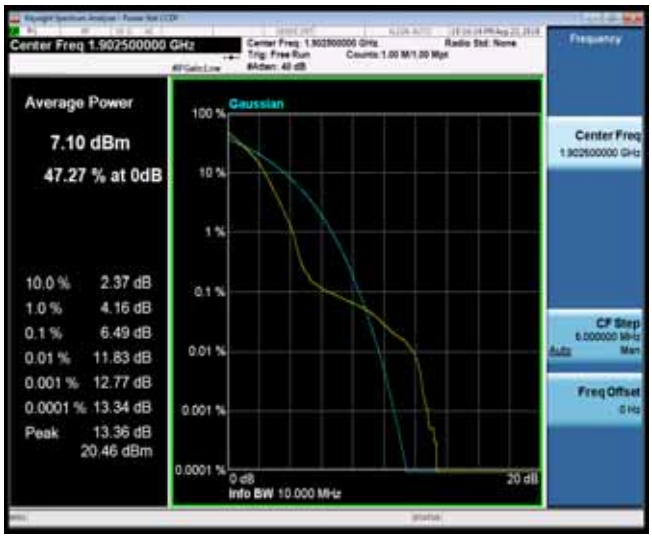

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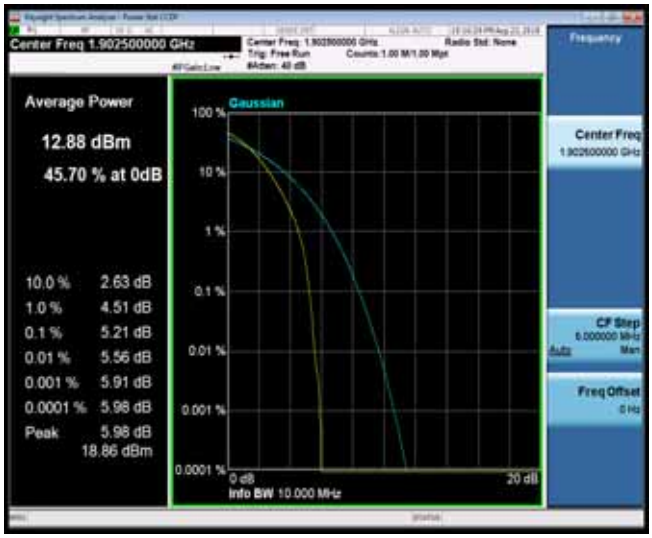

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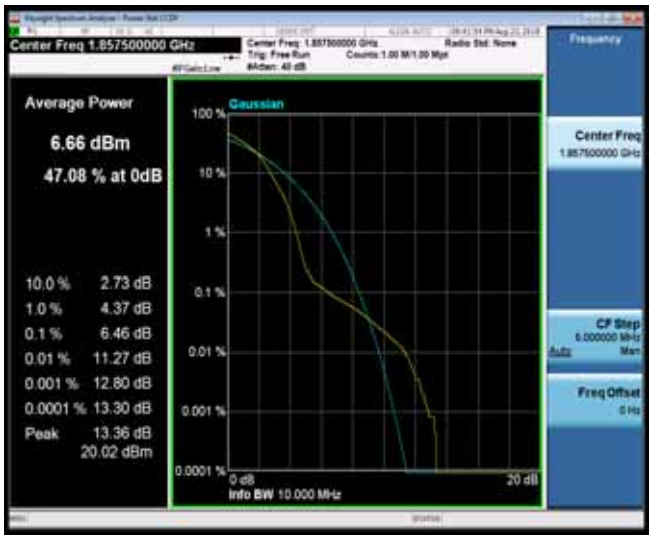

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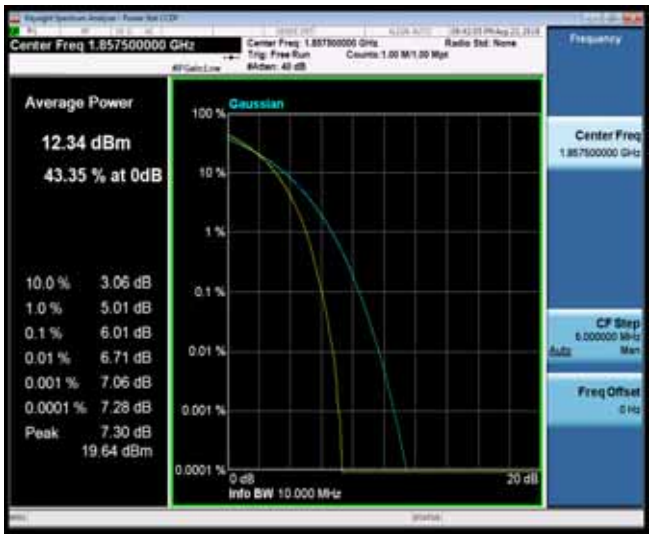

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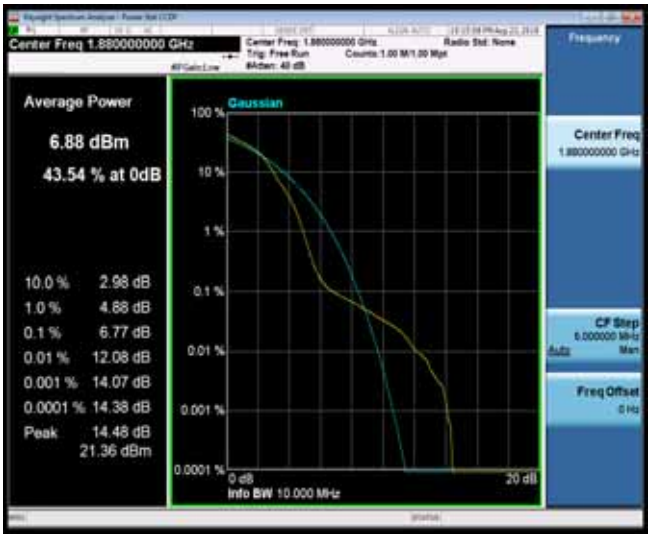

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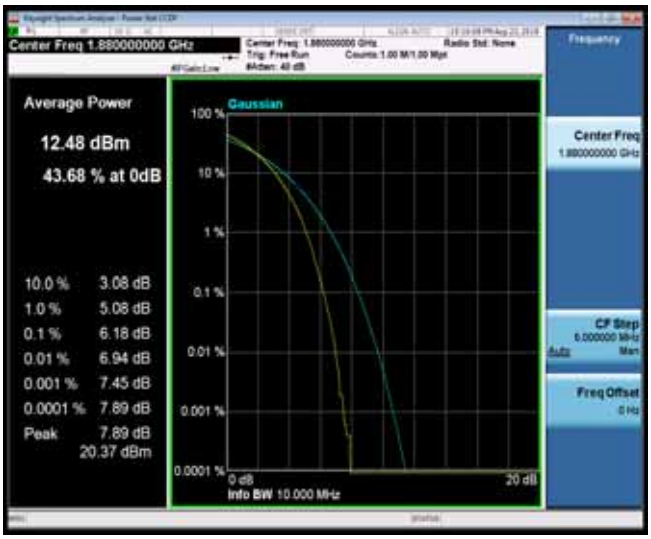

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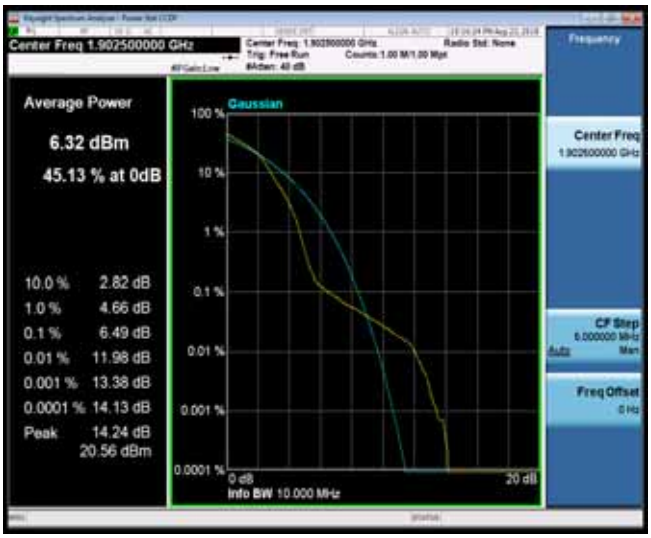
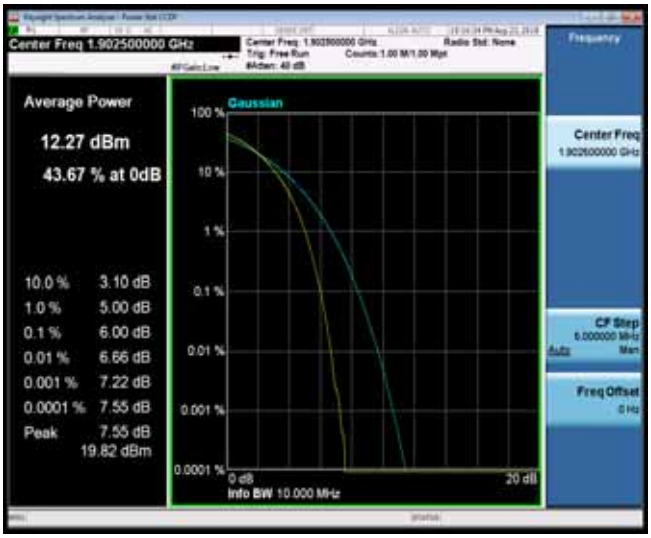
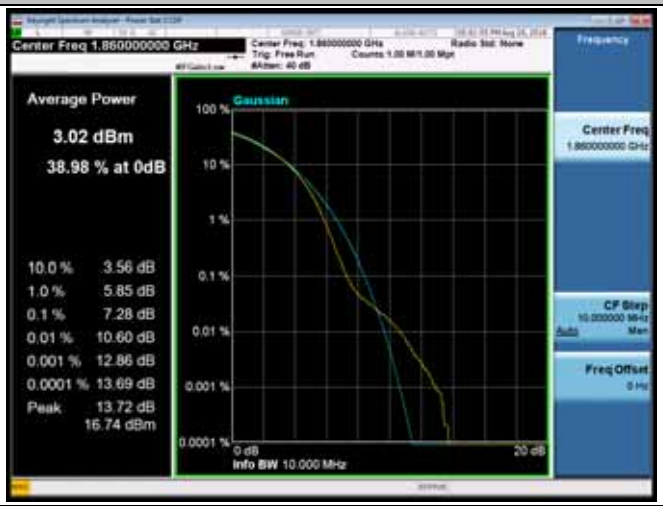


Band2_15MHz_16QAM_19125_75RB#0



Band2_20MHz_QPSK_18700_1RB#0



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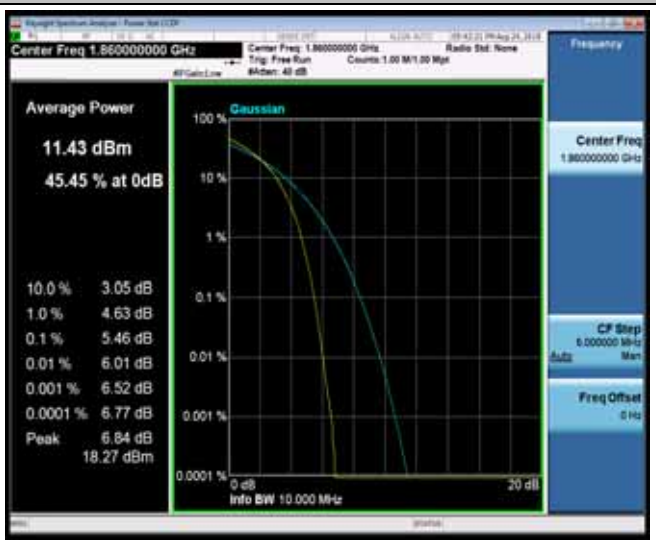

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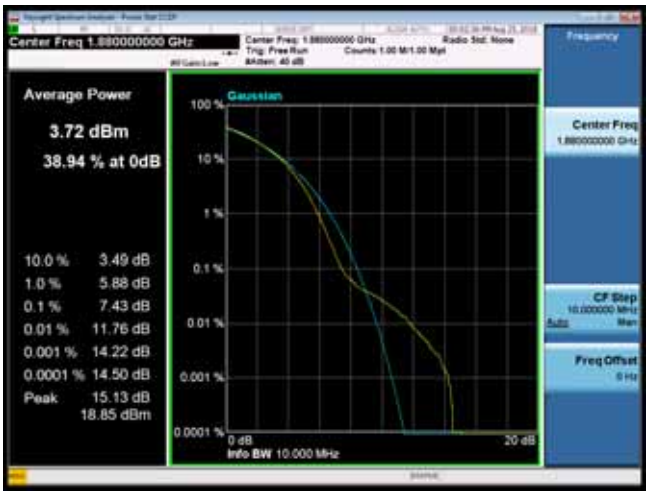
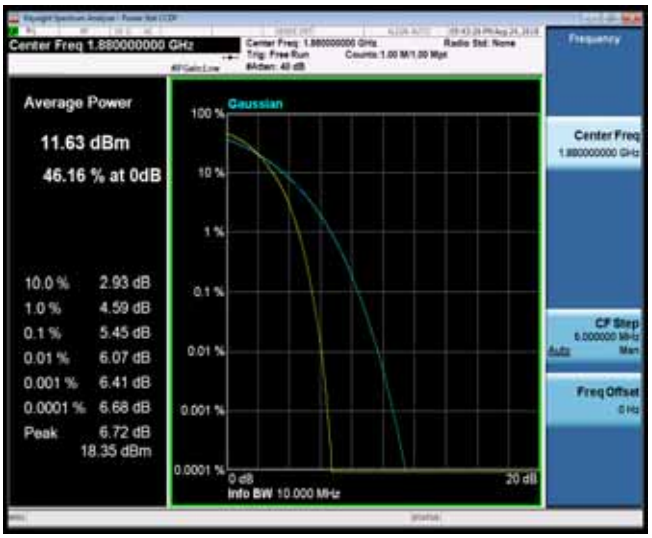


Band2_20MHz_QPSK_18900_100RB#0



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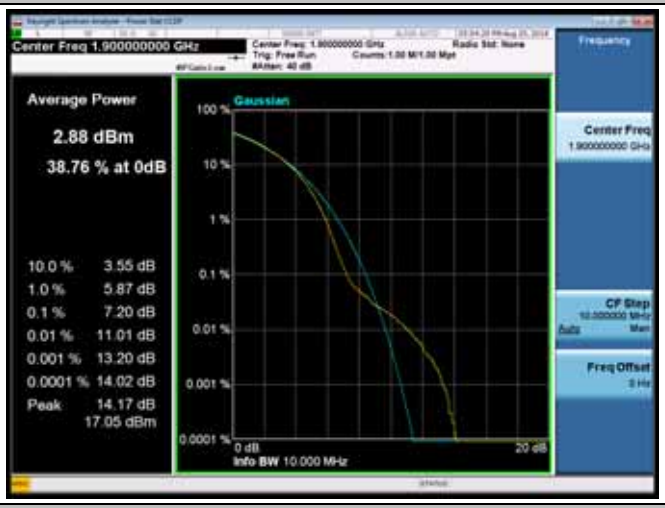

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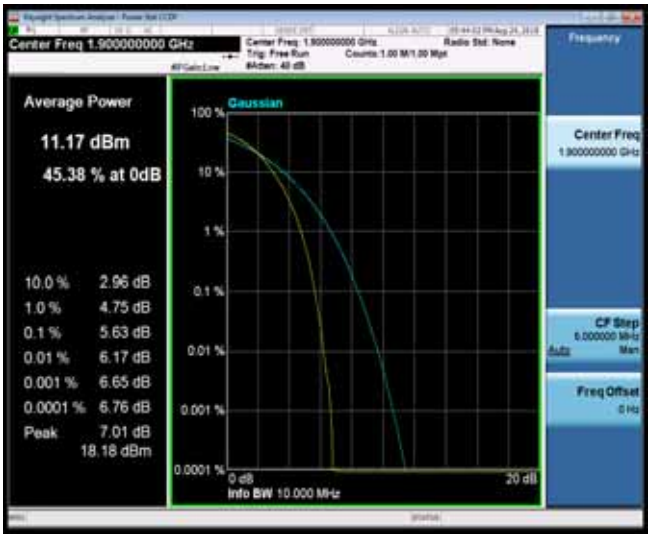

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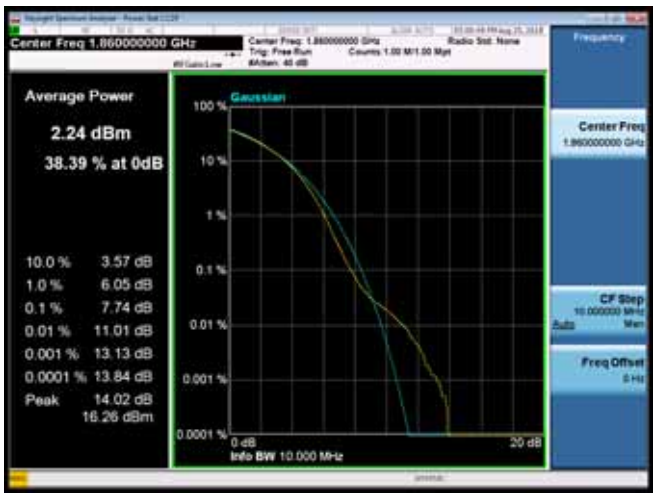

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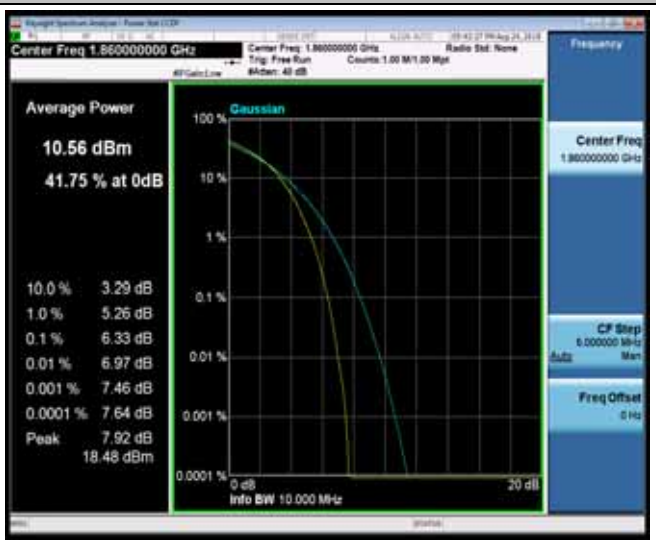

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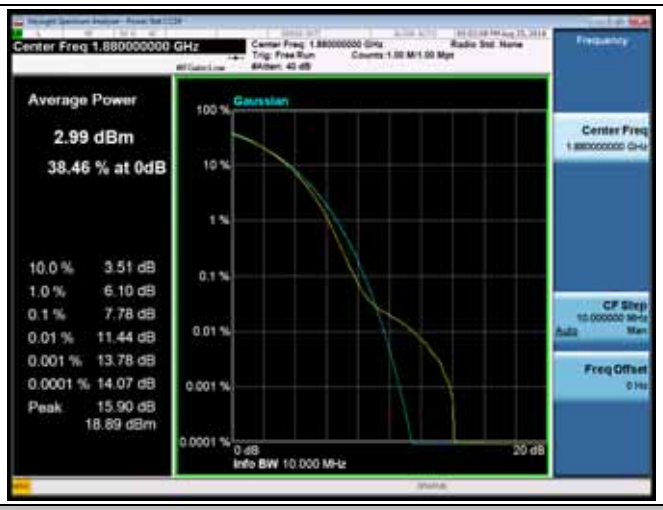

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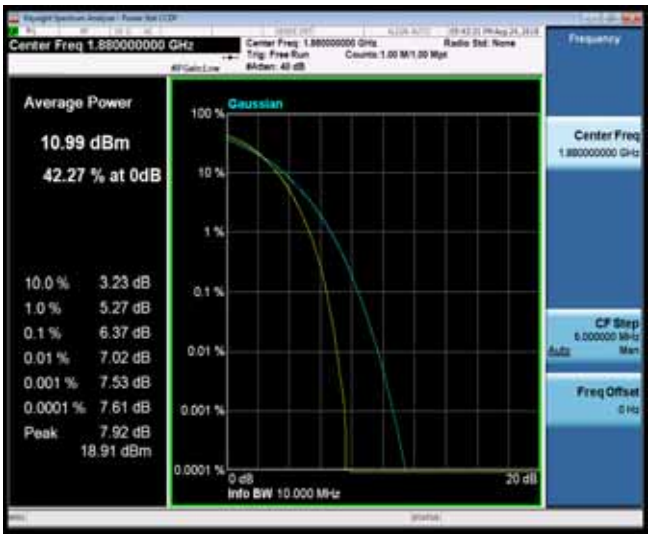

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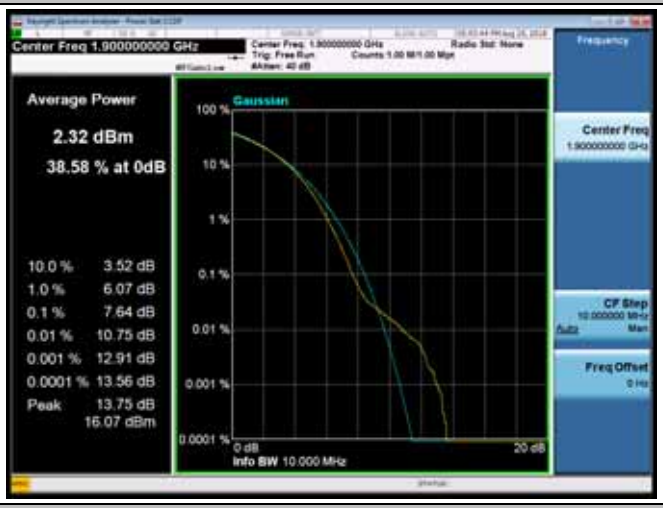
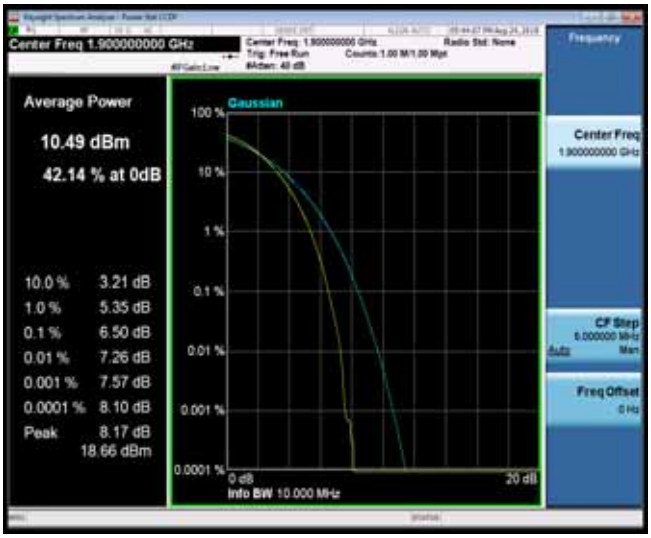


Band2_20MHz_16QAM_19100_100RB#0

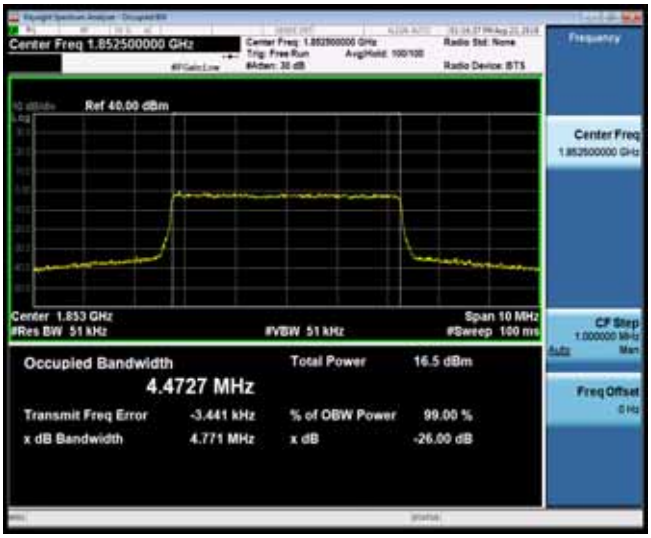
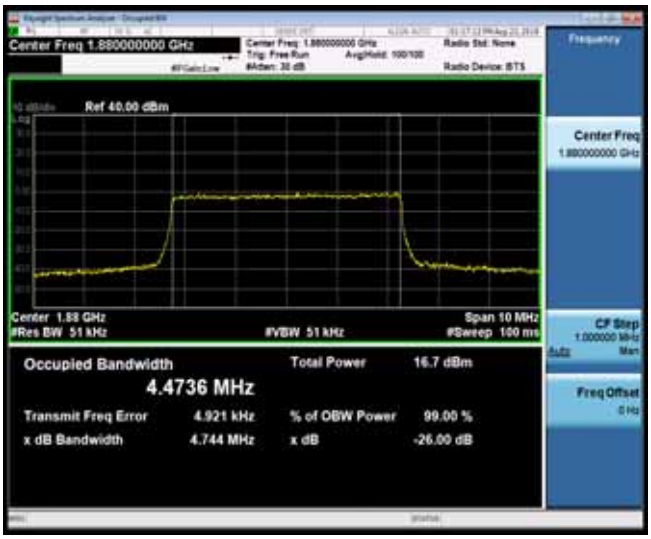

Center Freq 1.900000000 GHz
Center Freq: 1.900000000 GHz
Trig: Free Run
Atten: 40 dB
Radio Std: None
Counts: 1.00 M/1.00 Mpt
Average Power
10.49 dBm
42.14 % at 0dB
10.0 % 3.21 dB
1.0 % 5.35 dB
0.1 % 6.50 dB
0.01 % 7.26 dB
0.001 % 7.57 dB
0.0001 % 8.10 dB
Peak 8.17 dB
18.66 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 10.000 MHz
Frequency
Center Freq
1.900000000 GHz
CF Step
6.000000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	5MHz	QPSK	18625	25RB#0	4.4727	4.771	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4736	4.744	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4671	4.775	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4792	4.740	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4750	4.737	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4789	4.795	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9224	9.309	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9129	9.333	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9229	9.313	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9247	9.327	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9256	9.279	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9037	9.315	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.397	13.94	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.393	13.84	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.387	13.82	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.387	13.87	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.380	13.86	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.398	13.81	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.879	18.47	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.823	18.37	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.884	18.41	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.854	18.45	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.842	18.39	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.873	18.39	PASS

Test Graphs

Band2_5MHz_QPSK_18625_25RB#0

Band2_5MHz_QPSK_18900_25RB#0

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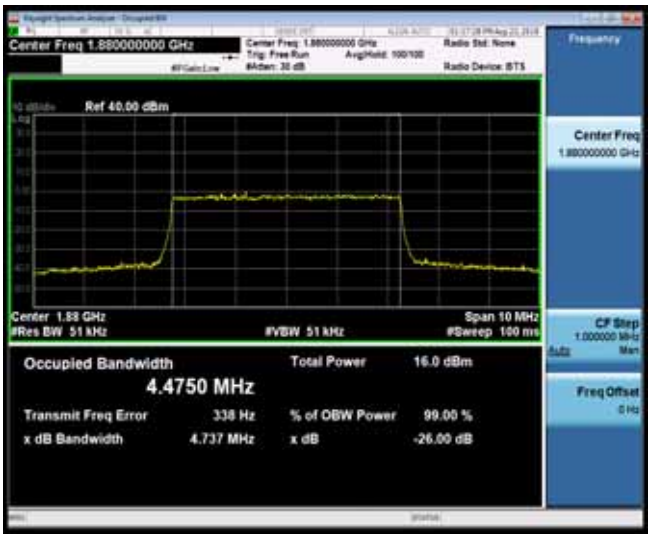
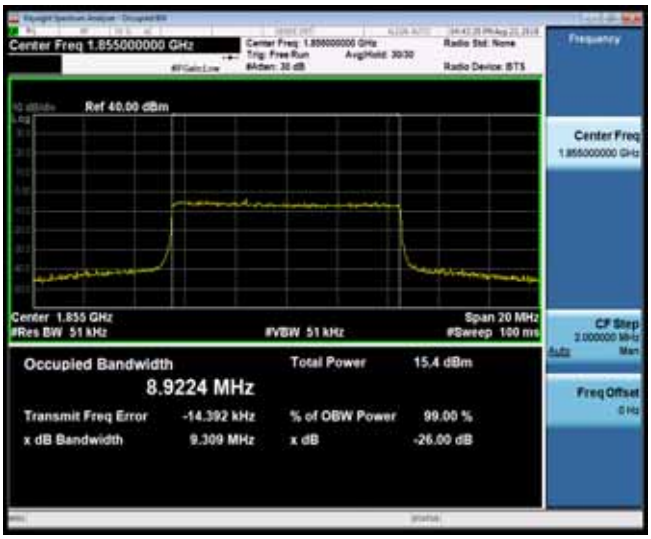
Band2_5MHz_16QAM_18625_25RB#0

Band2_5MHz_16QAM_18900_25RB#0



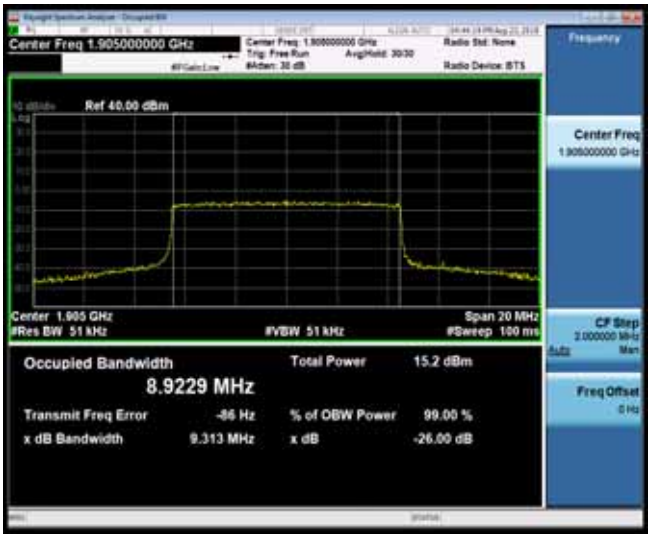
Band2_5MHz_16QAM_19175_25RB#0

Band2_10MHz_QPSK_18650_50RB#0

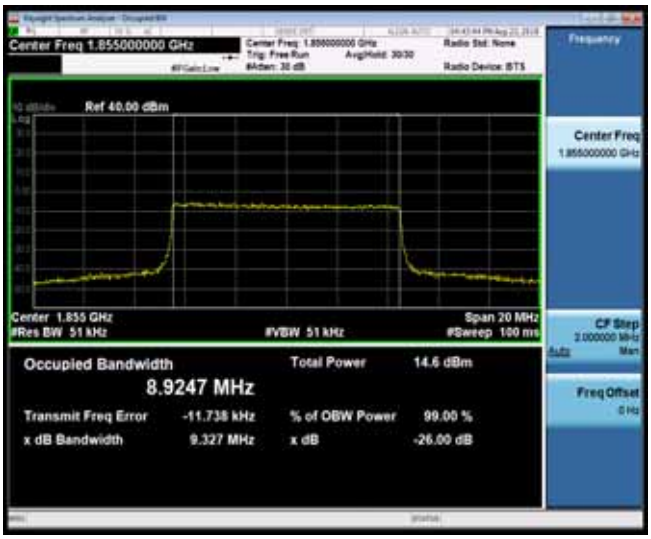


Band2_10MHz_QPSK_18900_50RB#0

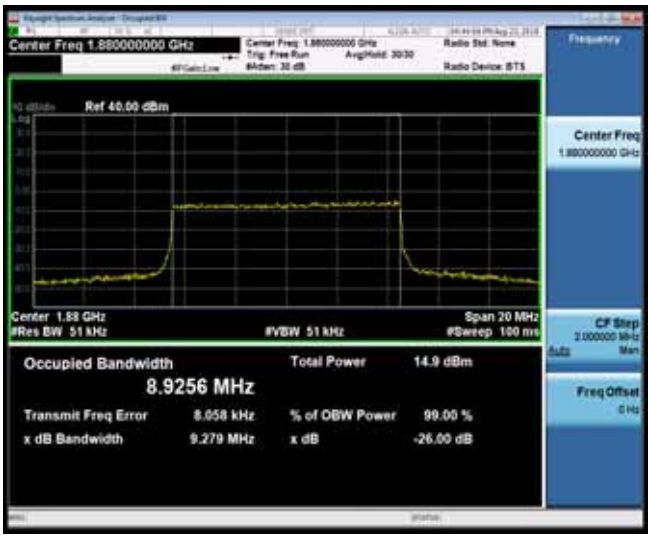
Band2_10MHz_QPSK_19150_50RB#0



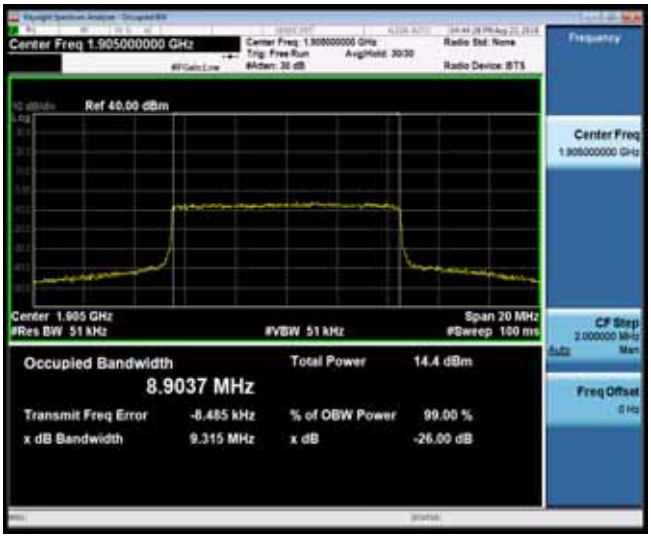
Band2_10MHz_16QAM_18650_50RB#0



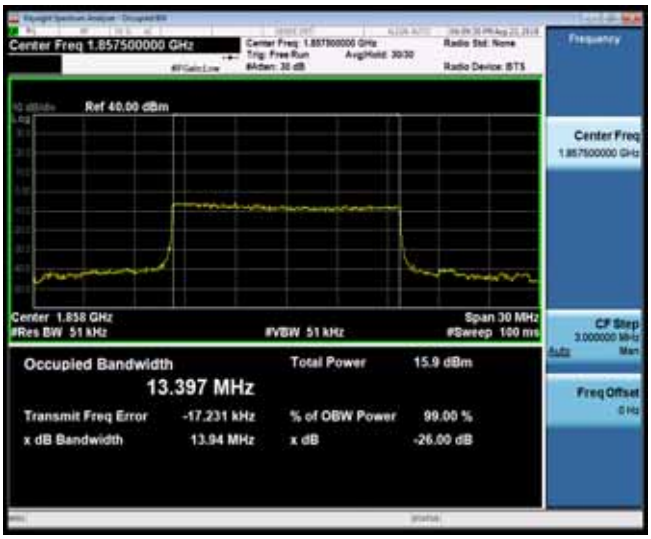
Band2_10MHz_16QAM_18900_50RB#0



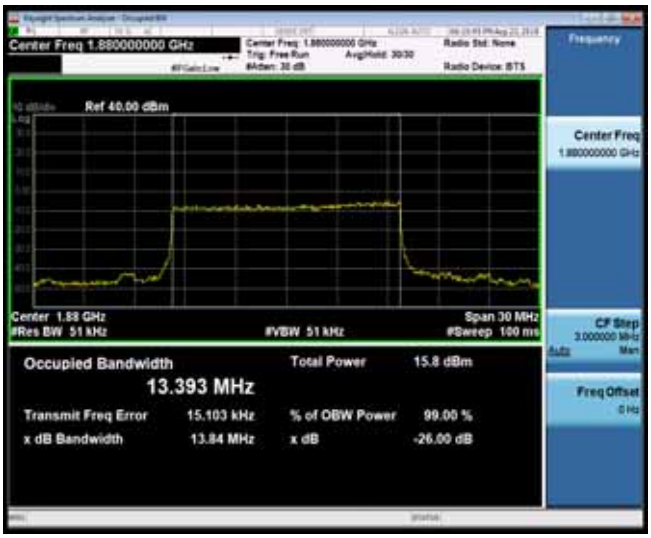
Band2_10MHz_16QAM_19150_50RB#0



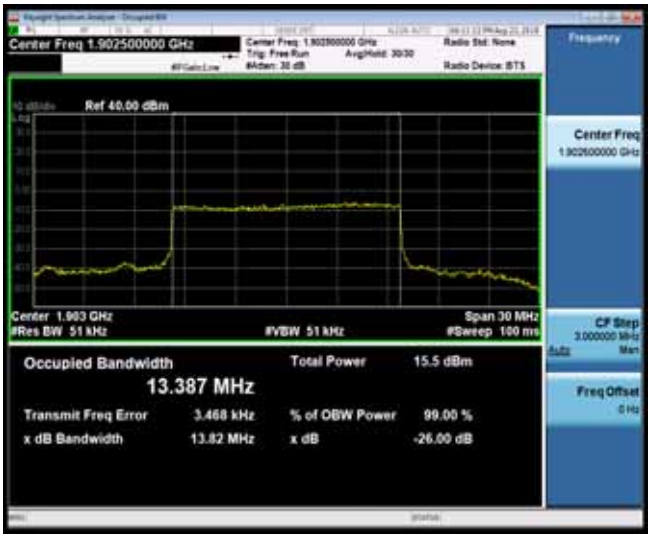
Band2_15MHz_QPSK_18675_75RB#0



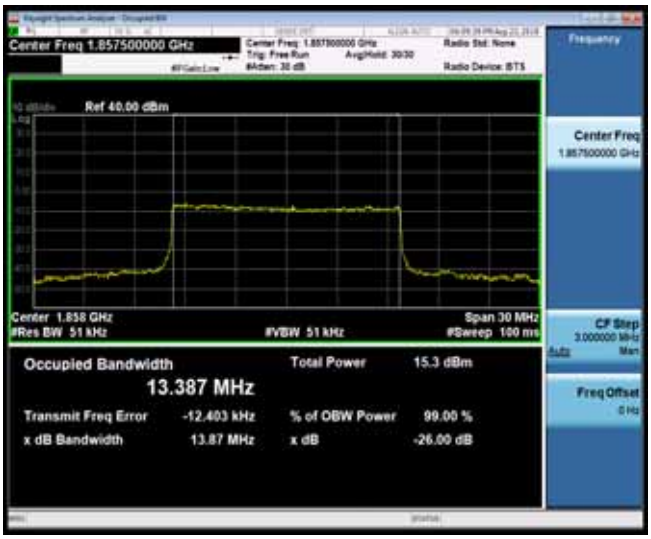
Band2_15MHz_QPSK_18900_75RB#0



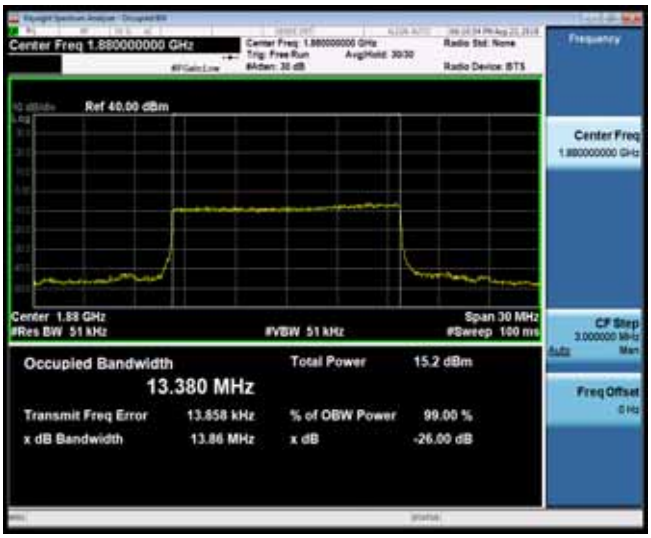
Band2_15MHz_QPSK_19125_75RB#0



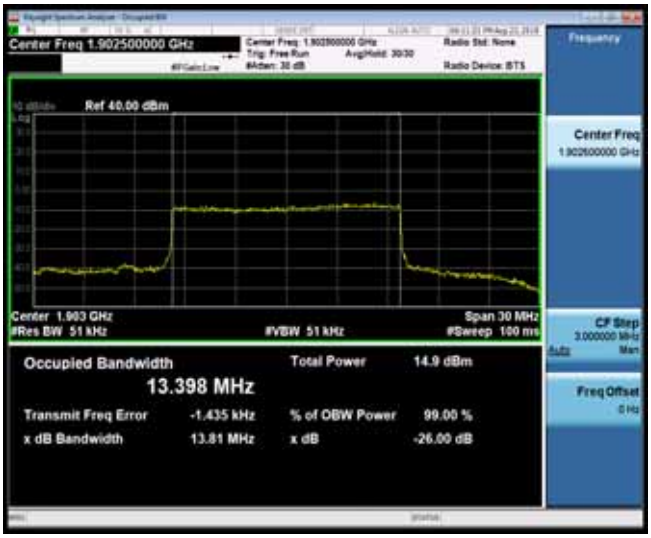
Band2_15MHz_16QAM_18675_75RB#0



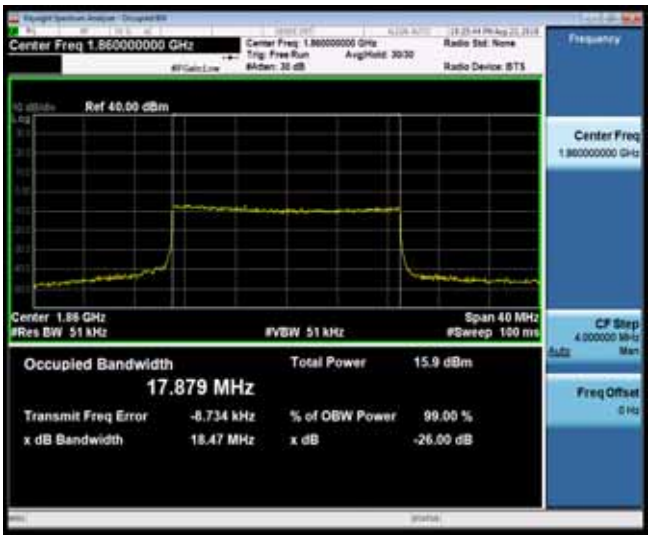
Band2_15MHz_16QAM_18900_75RB#0



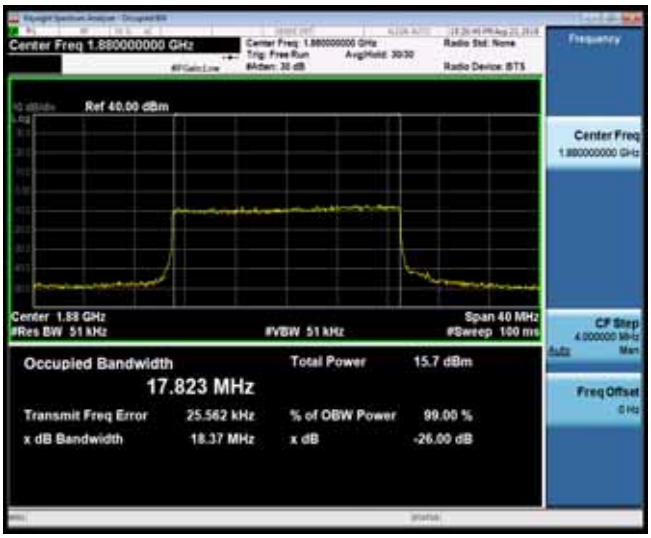
Band2_15MHz_16QAM_19125_75RB#0



Band2_20MHz_QPSK_18700_100RB#0

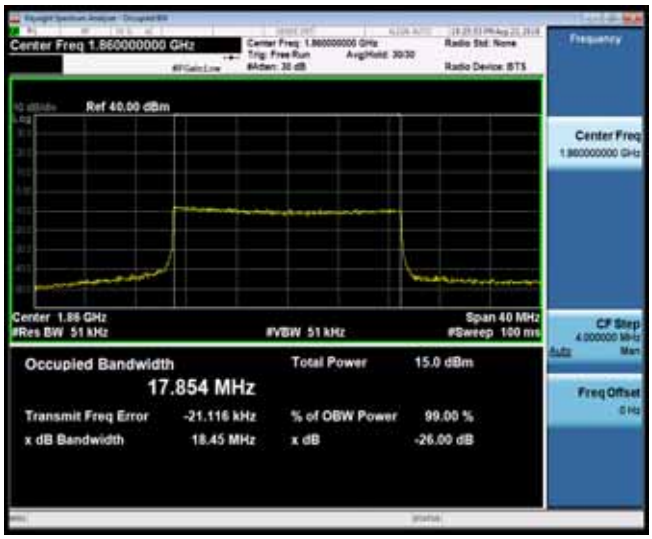


Band2_20MHz_QPSK_18900_100RB#0

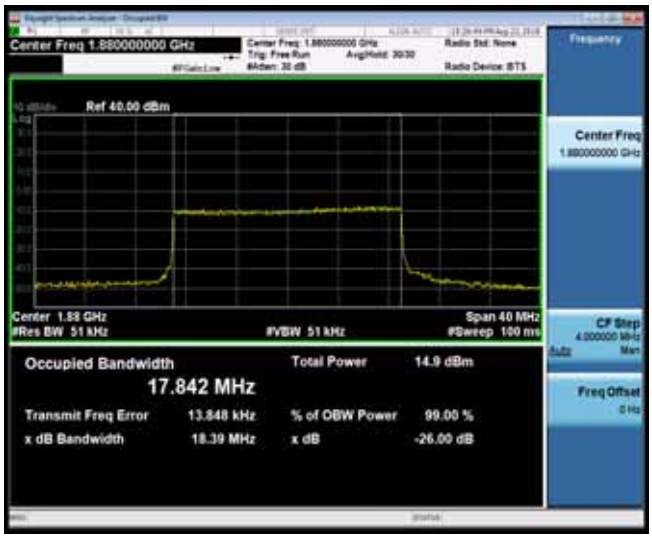


Band2_20MHz_QPSK_19100_100RB#0

Band2_20MHz_16QAM_18700_100RB#0



Band2_20MHz_16QAM_18900_100RB#0



Band2_20MHz_16QAM_19100_100RB#0

Center Freq 1.900000000 GHz
Ref 40.00 dBm
Center 1.9 GHz
#Res BW 51 kHz
#VBW 51 kHz
Span 40 MHz
#Sweep 100 ms
Occupied Bandwidth
17.873 MHz
Total Power 14.7 dBm
Transmit Freq Error -8.954 kHz
% of OBW Power 99.00 %
x dB Bandwidth 18.39 MHz
x dB -26.00 dB
Frequency
Center Freq
1.900000000 GHz
CF Step
Freq Offset

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	5MHz	QPSK	18625	1RB#0	-26.62	PASS
Band2	5MHz	QPSK	18625	25RB#0	-35.39	PASS
Band2	5MHz	QPSK	19175	1RB#0	-48.89	PASS
Band2	5MHz	QPSK	19175	25RB#0	-32.42	PASS
Band2	5MHz	16QAM	18625	1RB#0	-27.30	PASS
Band2	5MHz	16QAM	18625	25RB#0	-35.17	PASS
Band2	5MHz	16QAM	19175	1RB#0	-48.92	PASS
Band2	5MHz	16QAM	19175	25RB#0	-32.52	PASS
Band2	10MHz	QPSK	18650	1RB#0	-27.20	PASS
Band2	10MHz	QPSK	18650	50RB#0	-37.11	PASS
Band2	10MHz	QPSK	19150	1RB#0	-48.79	PASS
Band2	10MHz	QPSK	19150	50RB#0	-35.50	PASS
Band2	10MHz	16QAM	18650	1RB#0	-26.31	PASS
Band2	10MHz	16QAM	18650	50RB#0	-38.52	PASS
Band2	10MHz	16QAM	19150	1RB#0	-48.66	PASS
Band2	10MHz	16QAM	19150	50RB#0	-36.03	PASS
Band2	15MHz	QPSK	18675	1RB#0	-28.96	PASS
Band2	15MHz	QPSK	18675	75RB#0	-35.48	PASS
Band2	15MHz	QPSK	19125	1RB#0	-50.30	PASS
Band2	15MHz	QPSK	19125	75RB#0	-34.33	PASS
Band2	15MHz	16QAM	18675	1RB#0	-29.08	PASS
Band2	15MHz	16QAM	18675	75RB#0	-36.81	PASS
Band2	15MHz	16QAM	19125	1RB#0	-50.39	PASS
Band2	15MHz	16QAM	19125	75RB#0	-58.04	PASS
Band2	20MHz	QPSK	18700	1RB#0	-32.54	PASS
Band2	20MHz	QPSK	18700	100RB#0	-35.93	PASS
Band2	20MHz	QPSK	19100	1RB#0	-51.97	PASS
Band2	20MHz	QPSK	19100	100RB#0	-39.30	PASS
Band2	20MHz	16QAM	18700	1RB#0	-32.45	PASS
Band2	20MHz	16QAM	18700	100RB#0	-36.95	PASS
Band2	20MHz	16QAM	19100	1RB#0	-51.60	PASS
Band2	20MHz	16QAM	19100	100RB#0	-39.75	PASS

Test Graphs

Band2_5MHz_QPSK_18625_1RB#0

Band2_5MHz_QPSK_18625_25RB#0

Band2_5MHz_QPSK_19175_1RB#0

Band2_5MHz_QPSK_19175_25RB#0

Band2_5MHz_16QAM_18625_1RB#0

Band2_5MHz_16QAM_18625_25RB#0

Band2_5MHz_16QAM_19175_1RB#0

Band2_5MHz_16QAM_19175_25RB#0

Band2_10MHz_QPSK_18650_1RB#0

Band2_10MHz_QPSK_18650_50RB#0

Band2_10MHz_QPSK_19150_1RB#0

Band2_10MHz_QPSK_19150_50RB#0

Band2_10MHz_16QAM_18650_1RB#0

Band2_10MHz_16QAM_18650_50RB#0

Band2_10MHz_16QAM_19150_1RB#0

Band2_10MHz_16QAM_19150_50RB#0

Band2_15MHz_QPSK_18675_1RB#0

Band2_15MHz_QPSK_18675_75RB#0

Band2_15MHz_QPSK_19125_1RB#0

Band2_15MHz_QPSK_19125_75RB#0

Band2_15MHz_16QAM_18675_1RB#0

Band2_15MHz_16QAM_18675_75RB#0

Band2_15MHz_16QAM_19125_1RB#0

Band2_15MHz_16QAM_19125_75RB#0

Band2_20MHz_QPSK_18700_1RB#0

Band2_20MHz_QPSK_18700_100RB#0

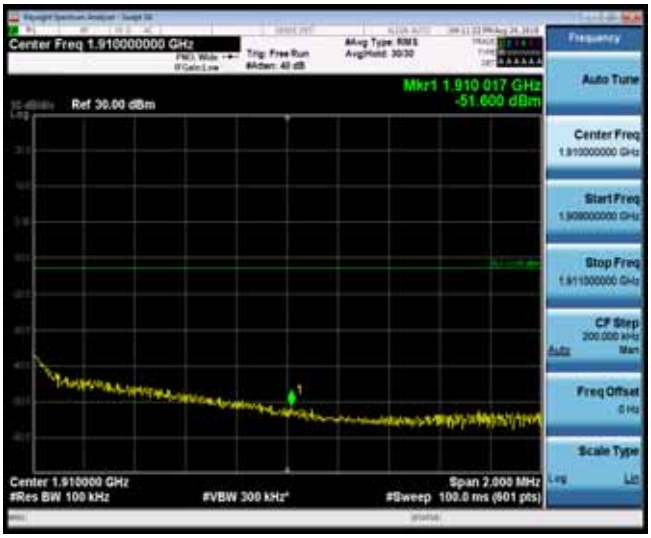
Band2_20MHz_QPSK_19100_1RB#0

Band2_20MHz_QPSK_19100_100RB#0

Band2_20MHz_16QAM_18700_1RB#0

Band2_20MHz_16QAM_18700_100RB#0

Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band 2	5MHz	QPSK	18625	1RB#0	Range1:0.009~0.15MHz	-74.24	PASS
Band 2	5MHz	QPSK	18625	1RB#0	Range2:0.15~30MHz	-58.39	PASS
Band 2	5MHz	QPSK	18625	1RB#0	Range3:30~1000MHz	-44.38	PASS
Band 2	5MHz	QPSK	18625	1RB#0	Range4:1000~5000MHz	-50.08	PASS
Band 2	5MHz	QPSK	18625	1RB#0	Range5:5000~12000MHz	-61.95	PASS
Band 2	5MHz	QPSK	18625	1RB#0	Range6:12000~18000MHz	-64.14	PASS
Band 2	5MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-73.12	PASS
Band 2	5MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-57.46	PASS
Band 2	5MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-44.03	PASS
Band 2	5MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-50.17	PASS
Band 2	5MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-59.31	PASS
Band 2	5MHz	QPSK	18900	1RB#0	Range6:12000~18000MHz	-64.13	PASS
Band 2	5MHz	QPSK	19175	1RB#0	Range1:0.009~0.15MHz	-74.69	PASS
Band 2	5MHz	QPSK	19175	1RB#0	Range2:0.15~30MHz	-57.76	PASS
Band 2	5MHz	QPSK	19175	1RB#0	Range3:30~1000MHz	-45.1	PASS
Band 2	5MHz	QPSK	19175	1RB#0	Range4:1000~5000MHz	-49.87	PASS
Band 2	5MHz	QPSK	19175	1RB#0	Range5:5000~12000MHz	-60.07	PASS

Band 2	5MHz	QPSK	19175	1RB#0	Range6:12000~18000MHz	-64.12	PASS
Band 2	5MHz	16QAM	18625	1RB#0	Range1:0.009~0.15MHz	-75.25	PASS
Band 2	5MHz	16QAM	18625	1RB#0	Range2:0.15~30MHz	-56.88	PASS
Band 2	5MHz	16QAM	18625	1RB#0	Range3:30~1000MHz	-45.22	PASS
Band 2	5MHz	16QAM	18625	1RB#0	Range4:1000~5000MHz	-50.07	PASS
Band 2	5MHz	16QAM	18625	1RB#0	Range5:5000~12000MHz	-62.25	PASS
Band 2	5MHz	16QAM	18625	1RB#0	Range6:12000~18000MHz	-64.21	PASS
Band 2	5MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-74.45	PASS
Band 2	5MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-56.84	PASS
Band 2	5MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-44.14	PASS
Band 2	5MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-50.25	PASS
Band 2	5MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-59.76	PASS
Band 2	5MHz	16QAM	18900	1RB#0	Range6:12000~18000MHz	-64.08	PASS
Band 2	5MHz	16QAM	19175	1RB#0	Range1:0.009~0.15MHz	-74.2	PASS
Band 2	5MHz	16QAM	19175	1RB#0	Range2:0.15~30MHz	-59.98	PASS
Band 2	5MHz	16QAM	19175	1RB#0	Range3:30~1000MHz	-44.24	PASS
Band 2	5MHz	16QAM	19175	1RB#0	Range4:1000~5000MHz	-50.21	PASS
Band 2	5MHz	16QAM	19175	1RB#0	Range5:5000~12000MHz	-60.63	PASS
Band 2	5MHz	16QAM	19175	1RB#0	Range6:12000~18000MHz	-64.16	PASS
Band 2	10MHz	QPSK	18650	1RB#0	Range1:0.009~0.15MHz	-73.1	PASS
Band 2	10MHz	QPSK	18650	1RB#0	Range2:0.15~30MHz	-57.12	PASS
Band 2	10MHz	QPSK	18650	1RB#0	Range3:30~1000MHz	-43.93	PASS

Band 2	10MHz	QPSK	18650	1RB#0	Range4:1000~5000MHz	-50.16	PASS
Band 2	10MHz	QPSK	18650	1RB#0	Range5:5000~12000MHz	-61.21	PASS
Band 2	10MHz	QPSK	18650	1RB#0	Range6:12000~18000MHz	-64.18	PASS
Band 2	10MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-72.01	PASS
Band 2	10MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-57.77	PASS
Band 2	10MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-44.89	PASS
Band 2	10MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-50.04	PASS
Band 2	10MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-67.83	PASS
Band 2	10MHz	QPSK	18900	1RB#0	Range6:12000~18000MHz	-63.99	PASS
Band 2	10MHz	QPSK	19150	1RB#0	Range1:0.009~0.15MHz	-73.62	PASS
Band 2	10MHz	QPSK	19150	1RB#0	Range2:0.15~30MHz	-57.31	PASS
Band 2	10MHz	QPSK	19150	1RB#0	Range3:30~1000MHz	-44.41	PASS
Band 2	10MHz	QPSK	19150	1RB#0	Range4:1000~5000MHz	-49.95	PASS
Band 2	10MHz	QPSK	19150	1RB#0	Range5:5000~12000MHz	-59.19	PASS
Band 2	10MHz	QPSK	19150	1RB#0	Range6:12000~18000MHz	-64.16	PASS
Band 2	10MHz	16QAM	18650	1RB#0	Range1:0.009~0.15MHz	-73.1	PASS
Band 2	10MHz	16QAM	18650	1RB#0	Range2:0.15~30MHz	-57.29	PASS
Band 2	10MHz	16QAM	18650	1RB#0	Range3:30~1000MHz	-45.15	PASS
Band 2	10MHz	16QAM	18650	1RB#0	Range4:1000~5000MHz	-49.86	PASS
Band 2	10MHz	16QAM	18650	1RB#0	Range5:5000~12000MHz	-68.01	PASS
Band 2	10MHz	16QAM	18650	1RB#0	Range6:12000~18000MHz	-64.11	PASS
Band 2	10MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-72.29	PASS

Band 2	10MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-56.39	PASS
Band 2	10MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-44.35	PASS
Band 2	10MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-50.15	PASS
Band 2	10MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-59.56	PASS
Band 2	10MHz	16QAM	18900	1RB#0	Range6:12000~18000MHz	-64.08	PASS
Band 2	10MHz	16QAM	19150	1RB#0	Range1:0.009~0.15MHz	-73.27	PASS
Band 2	10MHz	16QAM	19150	1RB#0	Range2:0.15~30MHz	-58.41	PASS
Band 2	10MHz	16QAM	19150	1RB#0	Range3:30~1000MHz	-44.56	PASS
Band 2	10MHz	16QAM	19150	1RB#0	Range4:1000~5000MHz	-50.06	PASS
Band 2	10MHz	16QAM	19150	1RB#0	Range5:5000~12000MHz	-58.48	PASS
Band 2	10MHz	16QAM	19150	1RB#0	Range6:12000~18000MHz	-64.14	PASS
Band 2	15MHz	QPSK	18675	1RB#0	Range1:0.009~0.15MHz	-79.16	PASS
Band 2	15MHz	QPSK	18675	1RB#0	Range2:0.15~30MHz	-59.06	PASS
Band 2	15MHz	QPSK	18675	1RB#0	Range3:30~1000MHz	-45.06	PASS
Band 2	15MHz	QPSK	18675	1RB#0	Range4:1000~5000MHz	-50	PASS
Band 2	15MHz	QPSK	18675	1RB#0	Range5:5000~12000MHz	-68.07	PASS
Band 2	15MHz	QPSK	18675	1RB#0	Range6:12000~18000MHz	-64.13	PASS
Band 2	15MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-72.96	PASS
Band 2	15MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-57.05	PASS
Band 2	15MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-45.11	PASS
Band 2	15MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-50.06	PASS
Band 2	15MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-58.29	PASS

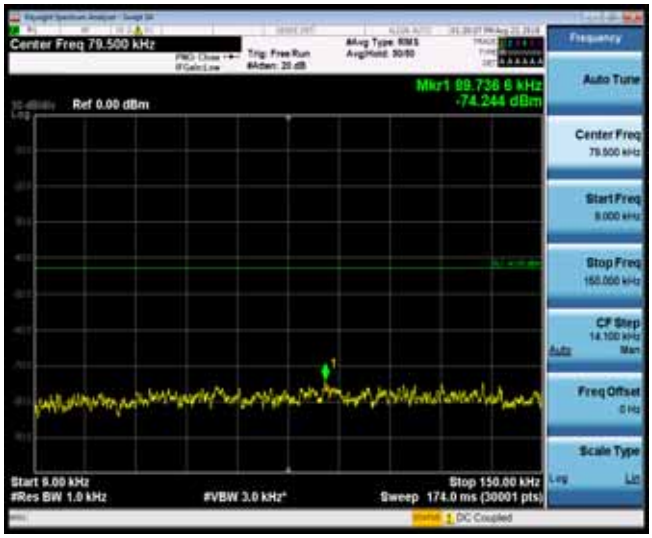
Band 2	15MHz	QPSK	18900	1RB#0	Range6:12000~18000MHz	-64.03	PASS
Band 2	15MHz	QPSK	19125	1RB#0	Range1:0.009~0.15MHz	-73.9	PASS
Band 2	15MHz	QPSK	19125	1RB#0	Range2:0.15~30MHz	-58.35	PASS
Band 2	15MHz	QPSK	19125	1RB#0	Range3:30~1000MHz	-45.28	PASS
Band 2	15MHz	QPSK	19125	1RB#0	Range4:1000~5000MHz	-50.22	PASS
Band 2	15MHz	QPSK	19125	1RB#0	Range5:5000~12000MHz	-57.77	PASS
Band 2	15MHz	QPSK	19125	1RB#0	Range6:12000~18000MHz	-64.16	PASS
Band 2	15MHz	16QAM	18675	1RB#0	Range1:0.009~0.15MHz	-73.6	PASS
Band 2	15MHz	16QAM	18675	1RB#0	Range2:0.15~30MHz	-57.58	PASS
Band 2	15MHz	16QAM	18675	1RB#0	Range3:30~1000MHz	-45.01	PASS
Band 2	15MHz	16QAM	18675	1RB#0	Range4:1000~5000MHz	-50.17	PASS
Band 2	15MHz	16QAM	18675	1RB#0	Range5:5000~12000MHz	-59.71	PASS
Band 2	15MHz	16QAM	18675	1RB#0	Range6:12000~18000MHz	-64.06	PASS
Band 2	15MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-72.86	PASS
Band 2	15MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-58.78	PASS
Band 2	15MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-45.18	PASS
Band 2	15MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-50.15	PASS
Band 2	15MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-58.68	PASS
Band 2	15MHz	16QAM	18900	1RB#0	Range6:12000~18000MHz	-64.21	PASS
Band 2	15MHz	16QAM	19125	1RB#0	Range1:0.009~0.15MHz	-73.93	PASS
Band 2	15MHz	16QAM	19125	1RB#0	Range2:0.15~30MHz	-58.1	PASS
Band 2	15MHz	16QAM	19125	1RB#0	Range3:30~1000MHz	-44.75	PASS

Band 2	15MHz	16QAM	19125	1RB#0	Range4:1000~5000MHz	-50.07	PASS
Band 2	15MHz	16QAM	19125	1RB#0	Range5:5000~12000MHz	-59.28	PASS
Band 2	15MHz	16QAM	19125	1RB#0	Range6:12000~18000MHz	-64.19	PASS
Band 2	20MHz	QPSK	18700	1RB#0	Range1:0.009~0.15MHz	-74.2	PASS
Band 2	20MHz	QPSK	18700	1RB#0	Range2:0.15~30MHz	-57.36	PASS
Band 2	20MHz	QPSK	18700	1RB#0	Range3:30~1000MHz	-45.26	PASS
Band 2	20MHz	QPSK	18700	1RB#0	Range4:1000~5000MHz	-50.03	PASS
Band 2	20MHz	QPSK	18700	1RB#0	Range5:5000~12000MHz	-60.14	PASS
Band 2	20MHz	QPSK	18700	1RB#0	Range6:12000~18000MHz	-63.99	PASS
Band 2	20MHz	QPSK	18900	1RB#0	Range1:0.009~0.15MHz	-72.72	PASS
Band 2	20MHz	QPSK	18900	1RB#0	Range2:0.15~30MHz	-58.4	PASS
Band 2	20MHz	QPSK	18900	1RB#0	Range3:30~1000MHz	-45.16	PASS
Band 2	20MHz	QPSK	18900	1RB#0	Range4:1000~5000MHz	-50.04	PASS
Band 2	20MHz	QPSK	18900	1RB#0	Range5:5000~12000MHz	-58.1	PASS
Band 2	20MHz	QPSK	18900	1RB#0	Range6:12000~18000MHz	-64.09	PASS
Band 2	20MHz	QPSK	19100	1RB#0	Range1:0.009~0.15MHz	-73.59	PASS
Band 2	20MHz	QPSK	19100	1RB#0	Range2:0.15~30MHz	-55.7	PASS
Band 2	20MHz	QPSK	19100	1RB#0	Range3:30~1000MHz	-44.22	PASS
Band 2	20MHz	QPSK	19100	1RB#0	Range4:1000~5000MHz	-49.96	PASS
Band 2	20MHz	QPSK	19100	1RB#0	Range5:5000~12000MHz	-59.48	PASS
Band 2	20MHz	QPSK	19100	1RB#0	Range6:12000~18000MHz	-63.92	PASS
Band 2	20MHz	16QAM	18700	1RB#0	Range1:0.009~0.15MHz	-74.04	PASS

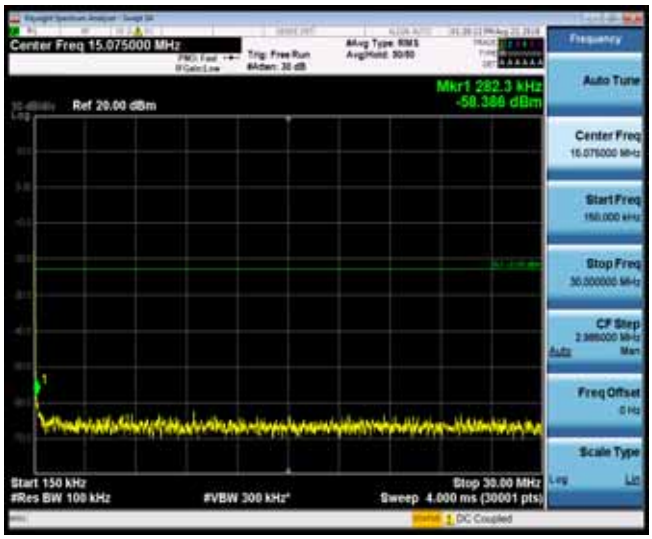
Band 2	20MHz	16QAM	18700	1RB#0	Range2:0.15~30MHz	-57.66	PASS
Band 2	20MHz	16QAM	18700	1RB#0	Range3:30~1000MHz	-45.02	PASS
Band 2	20MHz	16QAM	18700	1RB#0	Range4:1000~5000MHz	-50.08	PASS
Band 2	20MHz	16QAM	18700	1RB#0	Range5:5000~12000MHz	-60.69	PASS
Band 2	20MHz	16QAM	18700	1RB#0	Range6:12000~18000MHz	-63.99	PASS
Band 2	20MHz	16QAM	18900	1RB#0	Range1:0.009~0.15MHz	-72.91	PASS
Band 2	20MHz	16QAM	18900	1RB#0	Range2:0.15~30MHz	-58.01	PASS
Band 2	20MHz	16QAM	18900	1RB#0	Range3:30~1000MHz	-44.77	PASS
Band 2	20MHz	16QAM	18900	1RB#0	Range4:1000~5000MHz	-50.12	PASS
Band 2	20MHz	16QAM	18900	1RB#0	Range5:5000~12000MHz	-57.46	PASS
Band 2	20MHz	16QAM	18900	1RB#0	Range6:12000~18000MHz	-63.98	PASS
Band 2	20MHz	16QAM	19100	1RB#0	Range1:0.009~0.15MHz	-74.15	PASS
Band 2	20MHz	16QAM	19100	1RB#0	Range2:0.15~30MHz	-58.4	PASS
Band 2	20MHz	16QAM	19100	1RB#0	Range3:30~1000MHz	-43.96	PASS
Band 2	20MHz	16QAM	19100	1RB#0	Range4:1000~5000MHz	-50.04	PASS
Band 2	20MHz	16QAM	19100	1RB#0	Range5:5000~12000MHz	-60	PASS
Band 2	20MHz	16QAM	19100	1RB#0	Range6:12000~18000MHz	-63.96	PASS

Test Graphs

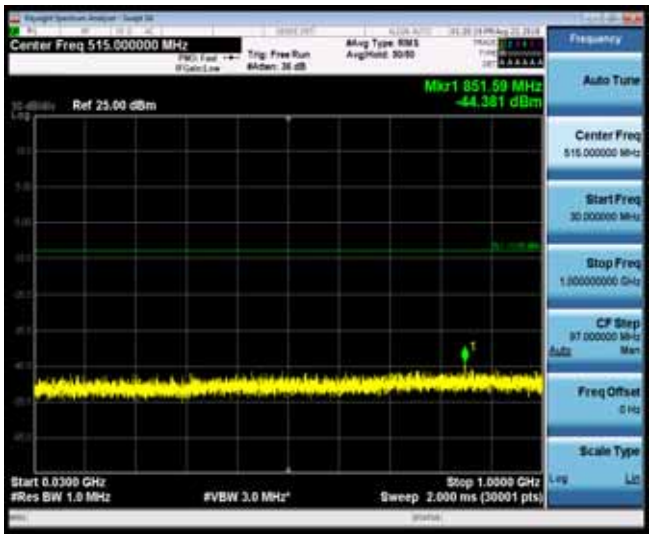
Band2_5MHz_QPSK_18625_1RB#0



Band2_5MHz_QPSK_18625_1RB#0



Band2_5MHz_QPSK_18625_1RB#0

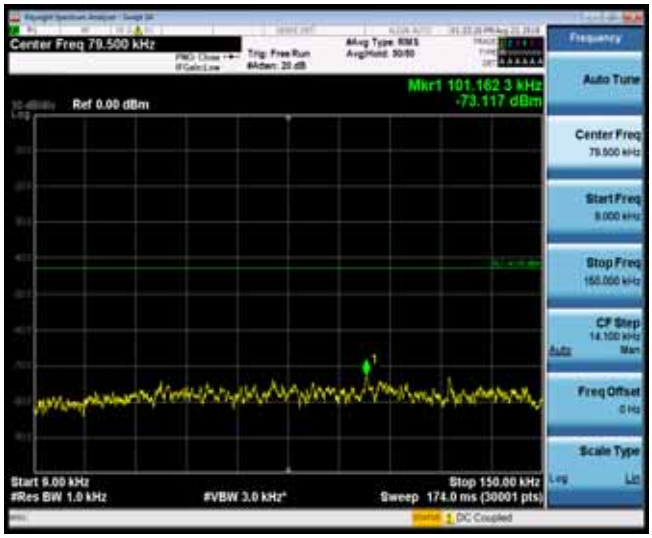


Band2_5MHz_QPSK_18625_1RB#0

Band2_5MHz_QPSK_18625_1RB#0

Band2_5MHz_QPSK_18625_1RB#0

Band2_5MHz_QPSK_18900_1RB#0



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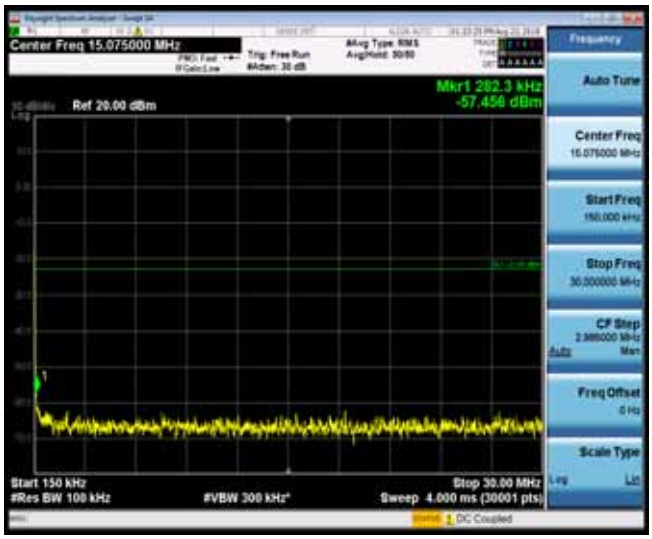

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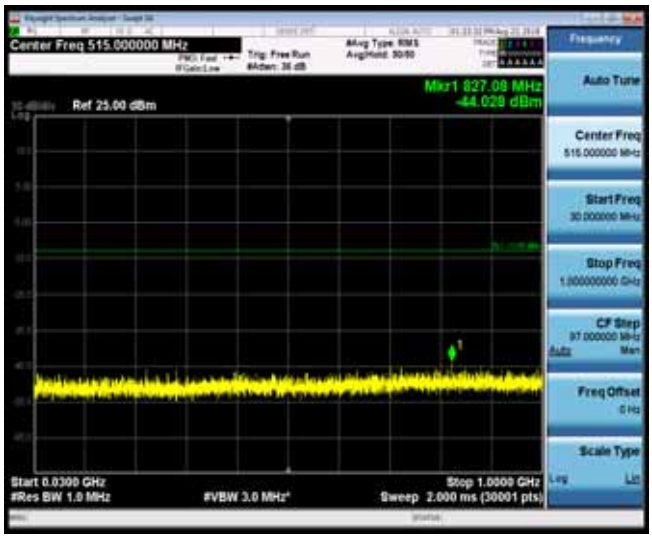

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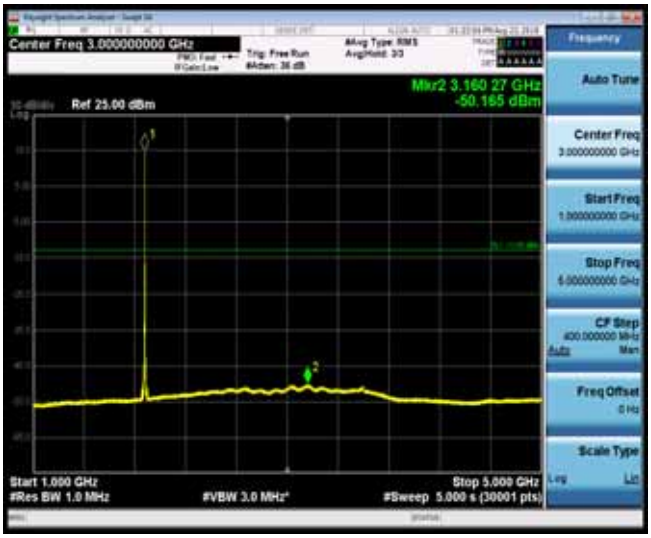
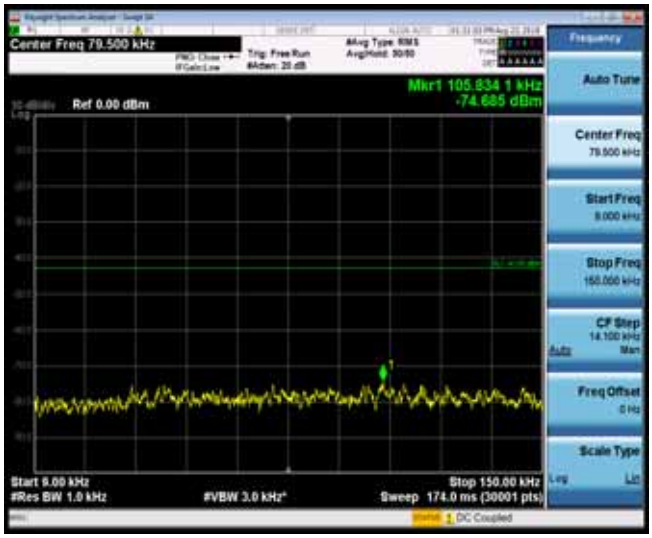


Band2_5MHz_QPSK_18900_1RB#0

Band2_5MHz_QPSK_18900_1RB#0

Band2_5MHz_QPSK_19175_1RB#0



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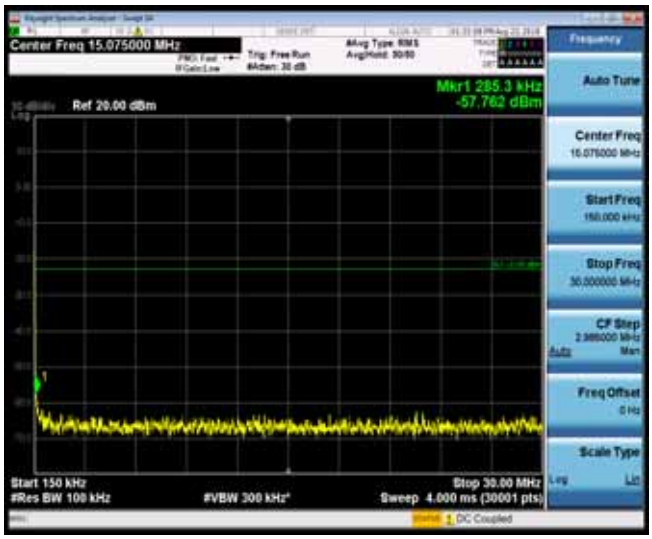

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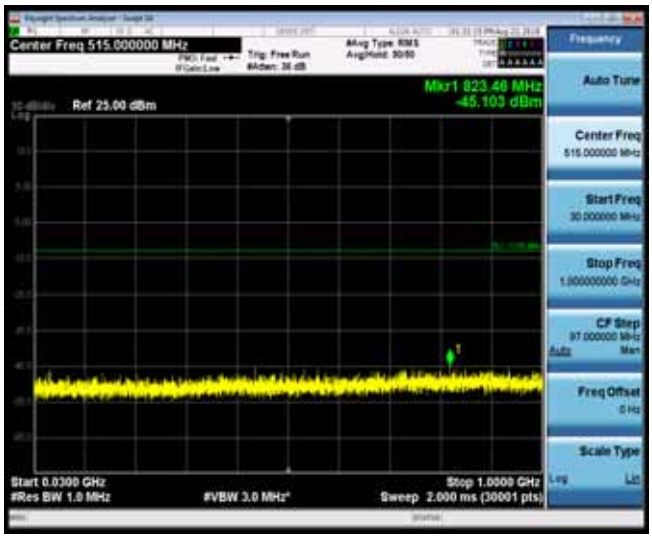
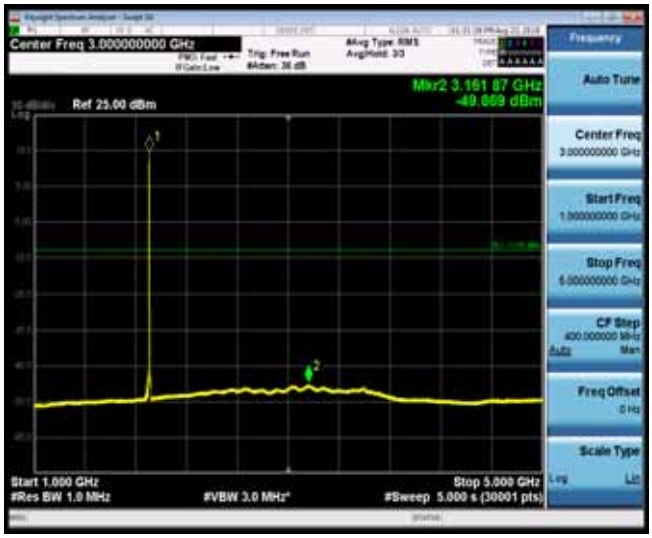


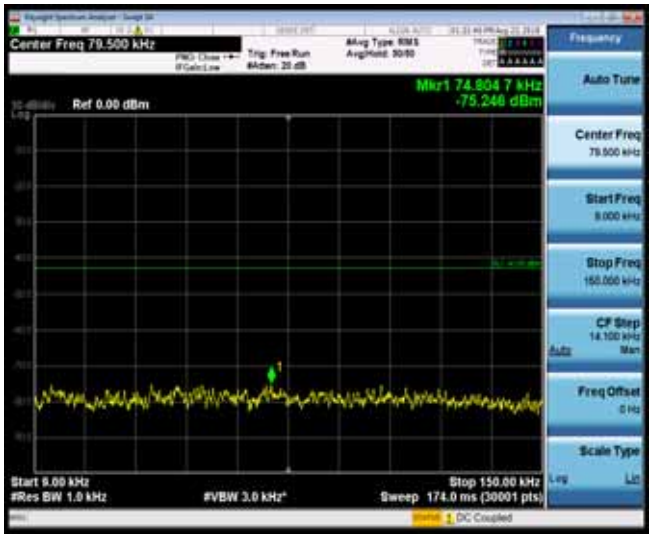
Band2_5MHz_QPSK_19175_1RB#0



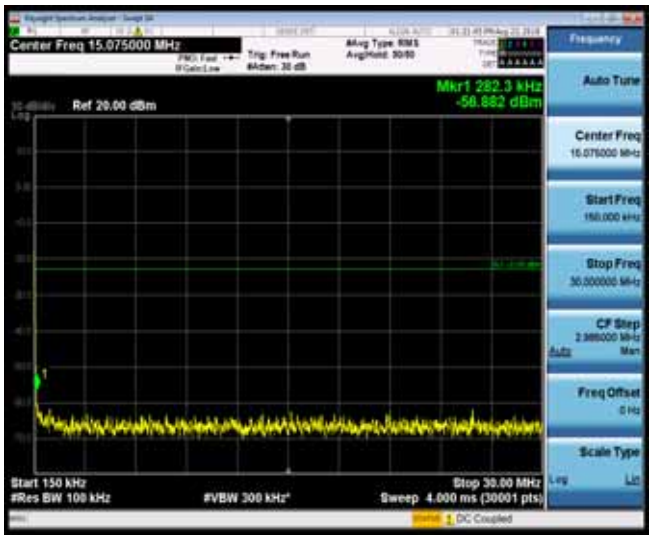
Band2_5MHz_QPSK_19175_1RB#0

Band2_5MHz_QPSK_19175_1RB#0

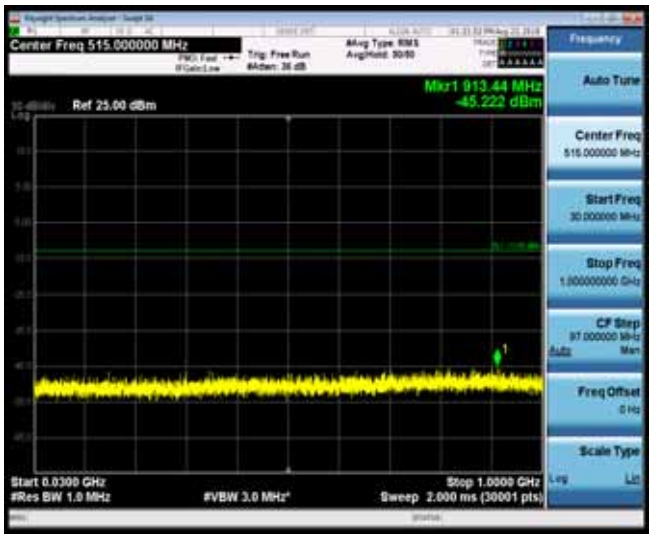
Band2_5MHz_16QAM_18625_1RB#0



Band2_5MHz_16QAM_18625_1RB#0



Band2_5MHz_16QAM_18625_1RB#0

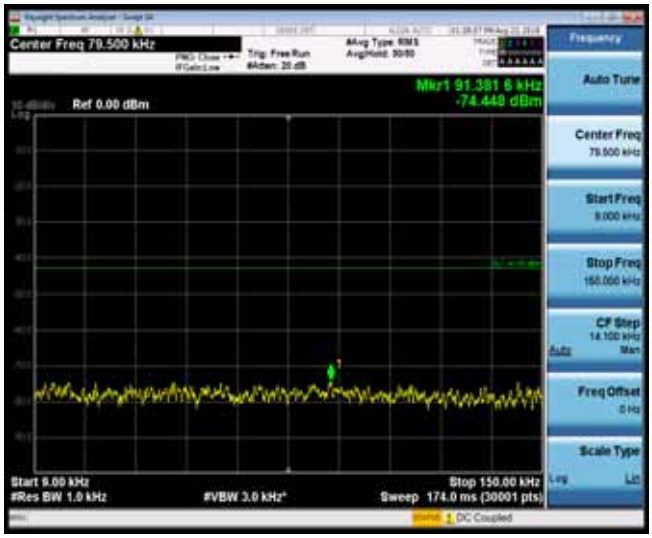


Band2_5MHz_16QAM_18625_1RB#0

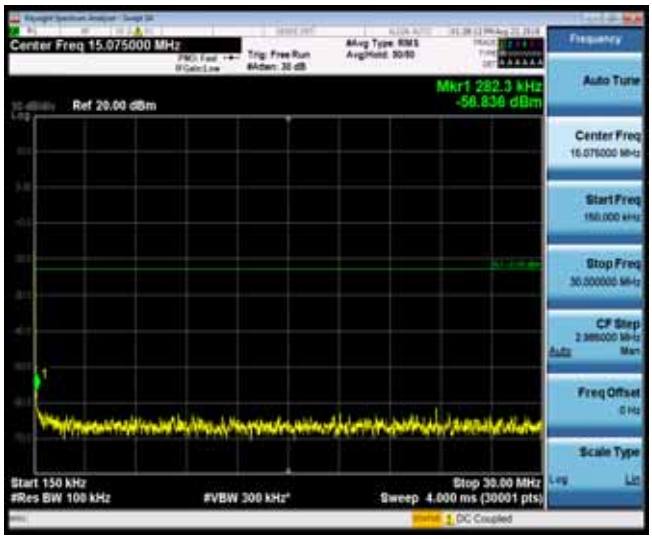
Band2_5MHz_16QAM_18625_1RB#0

Band2_5MHz_16QAM_18625_1RB#0

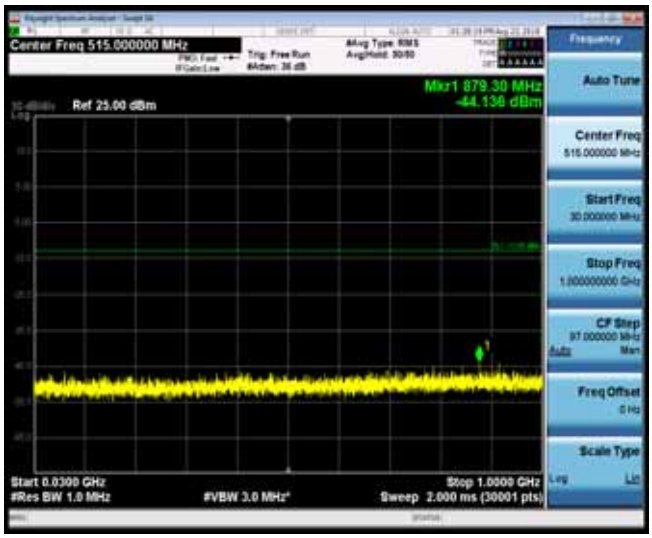
Band2_5MHz_16QAM_18900_1RB#0



Band2_5MHz_16QAM_18900_1RB#0



Band2_5MHz_16QAM_18900_1RB#0



Band2_5MHz_16QAM_18900_1RB#0

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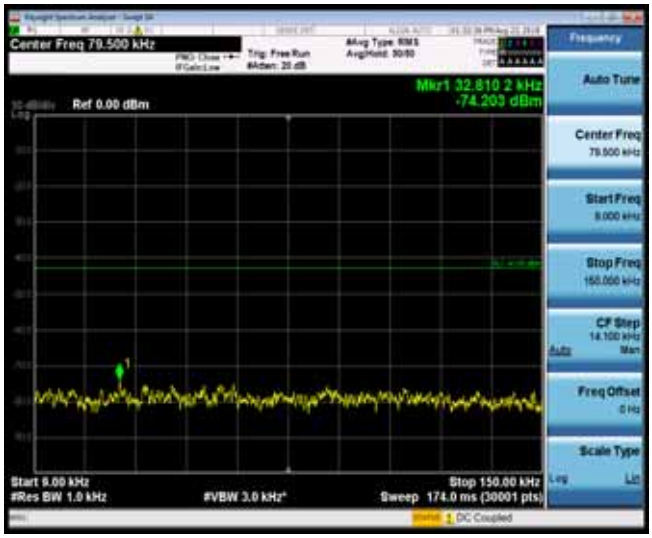

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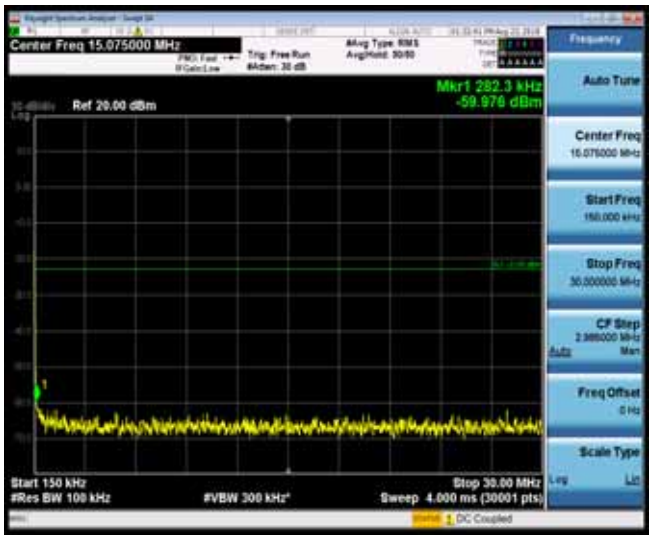
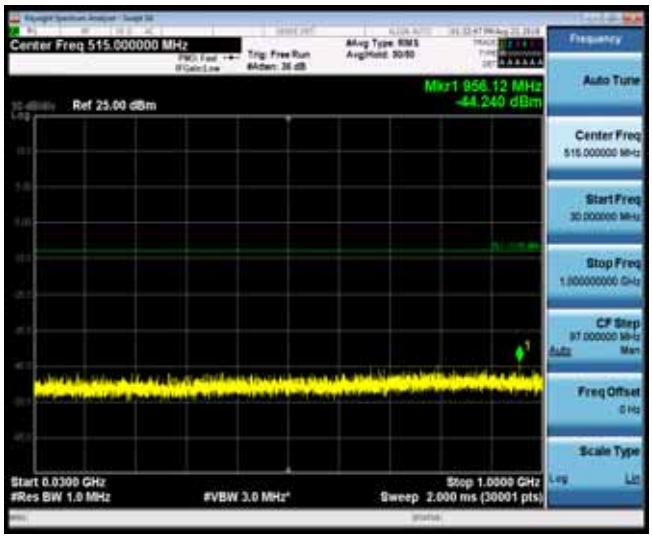


Band2_5MHz_16QAM_19175_1RB#0

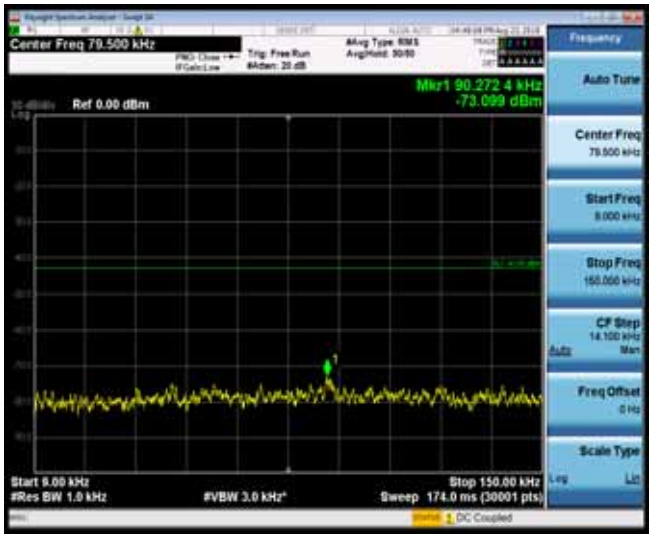


Band2_5MHz_16QAM_19175_1RB#0

Band2_5MHz_16QAM_19175_1RB#0

Band2_5MHz_16QAM_19175_1RB#0

Band2_10MHz_QPSK_18650_1RB#0



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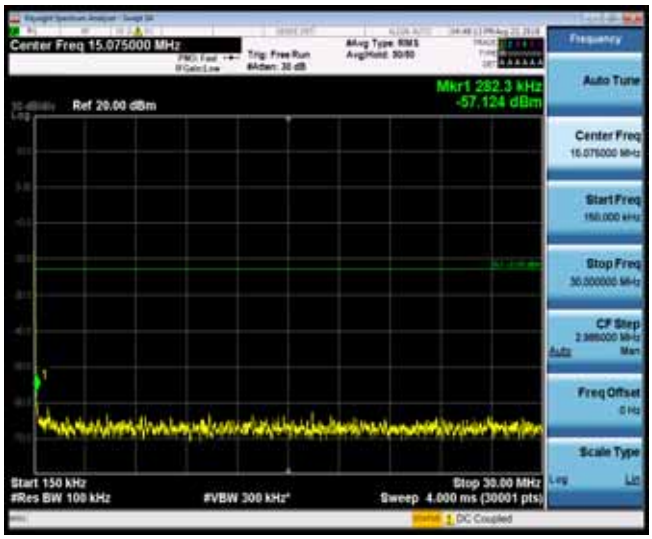

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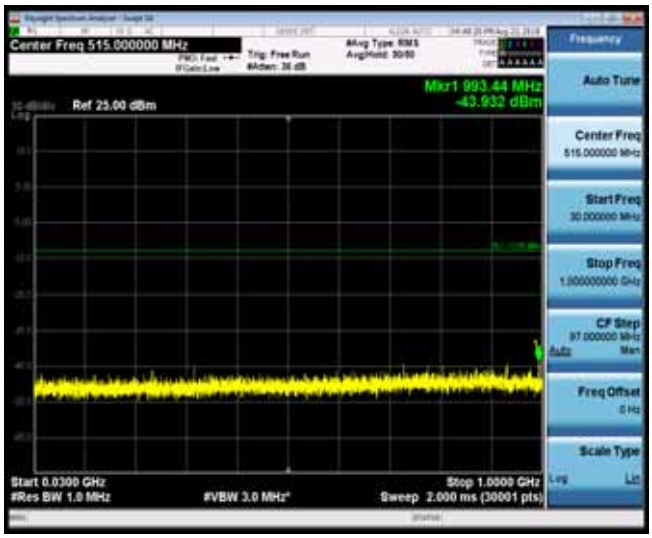

Band2_10MHz_QPSK_18650_1RB#0

Band2_10MHz_QPSK_18650_1RB#0

Band2_10MHz_QPSK_18650_1RB#0

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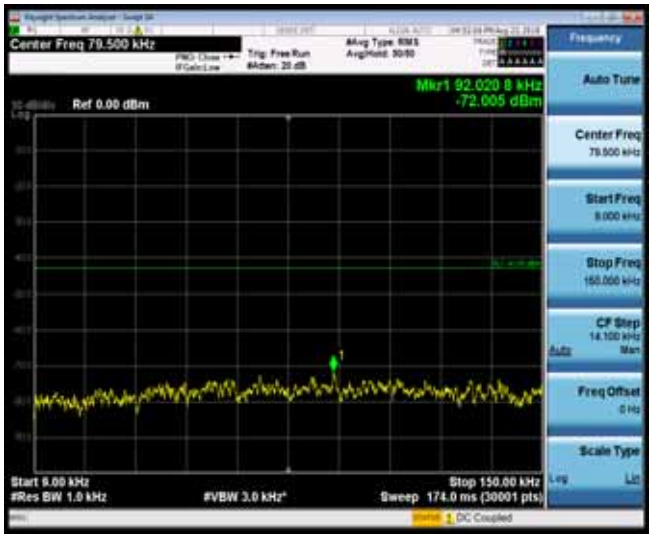

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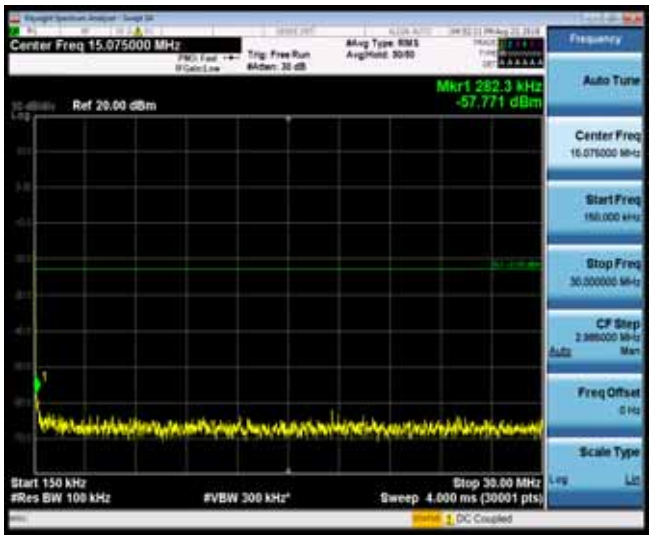

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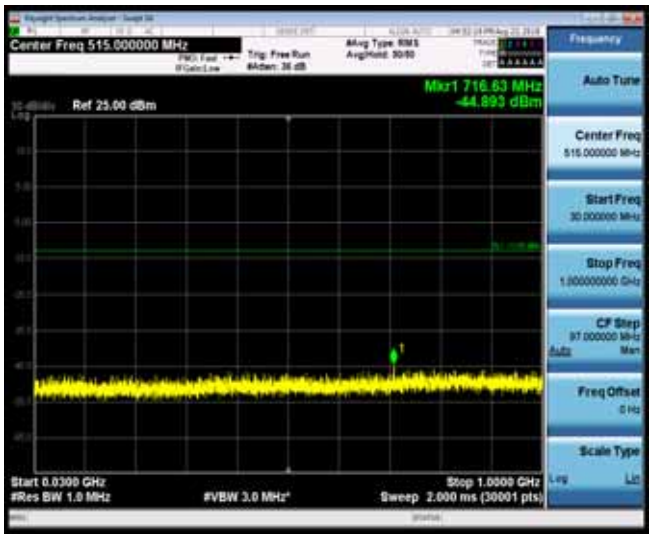
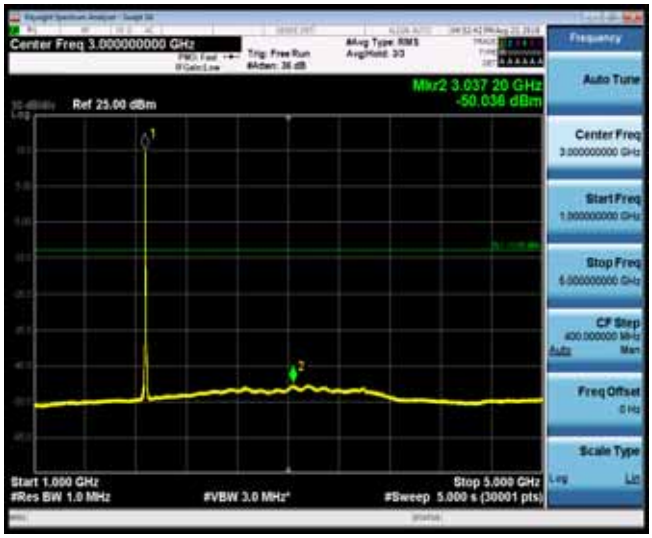


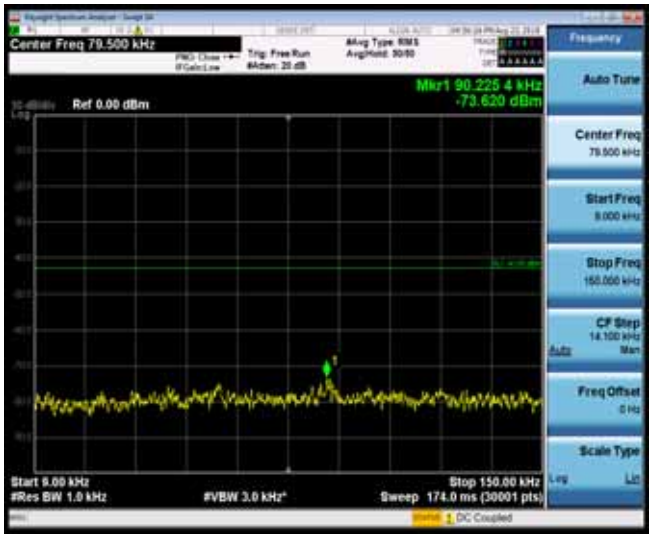
Band2_10MHz_QPSK_18900_1RB#0



Band2_10MHz_QPSK_18900_1RB#0

Band2_10MHz_QPSK_18900_1RB#0

Band2_10MHz_QPSK_19150_1RB#0



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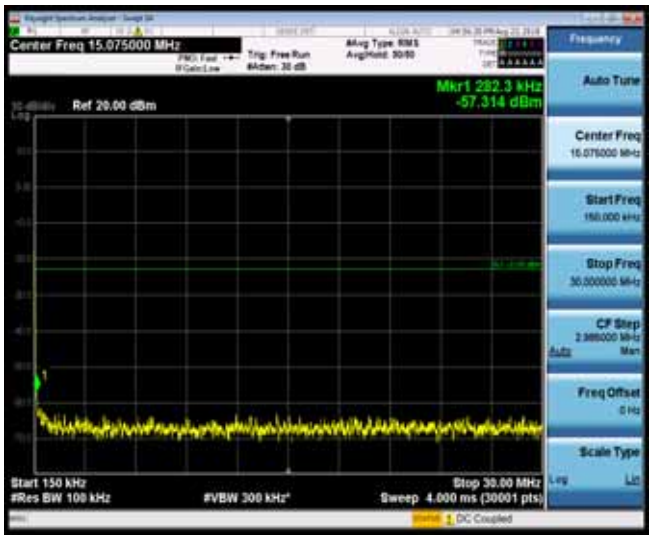
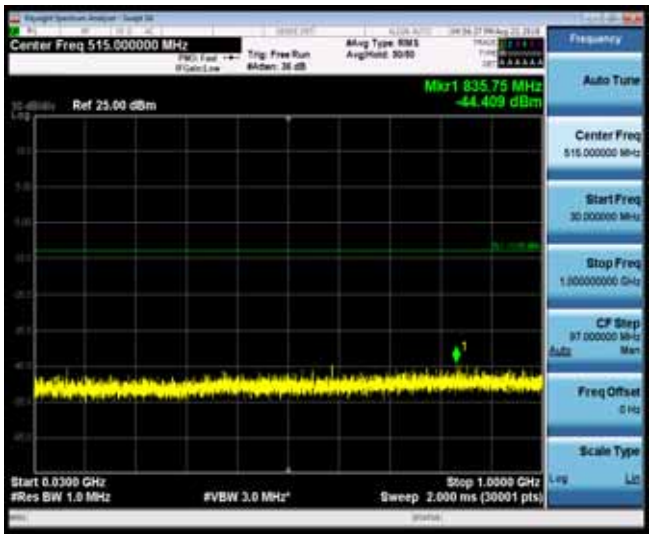


Band2_10MHz_QPSK_19150_1RB#0



Band2_10MHz_QPSK_19150_1RB#0

Band2_10MHz_QPSK_19150_1RB#0

Band2_10MHz_QPSK_19150_1RB#0

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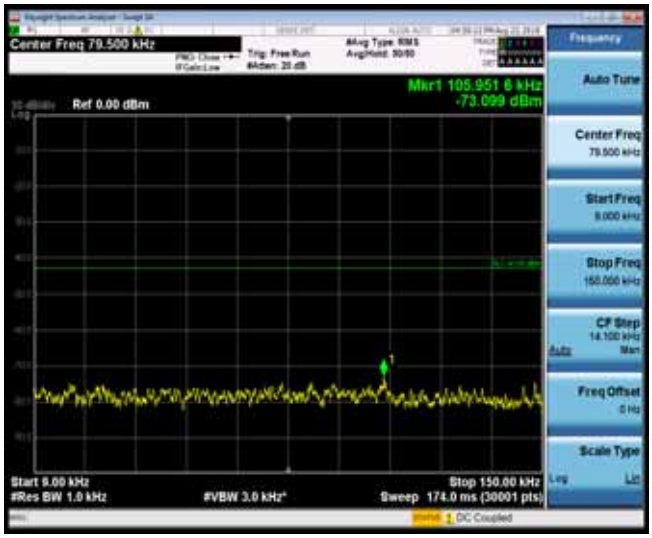

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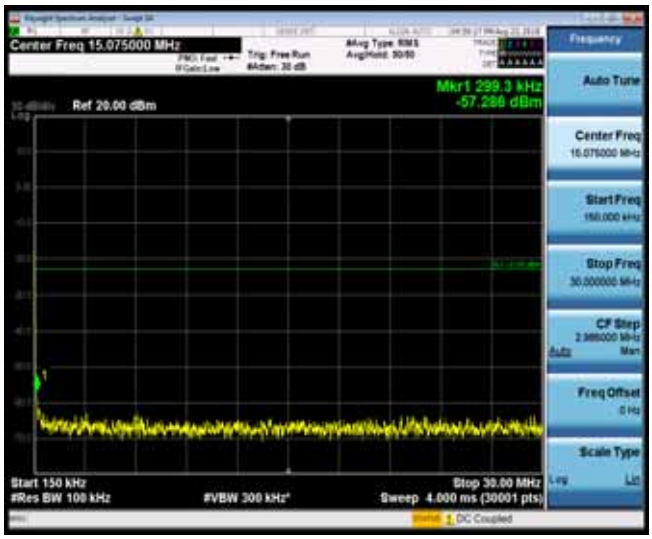
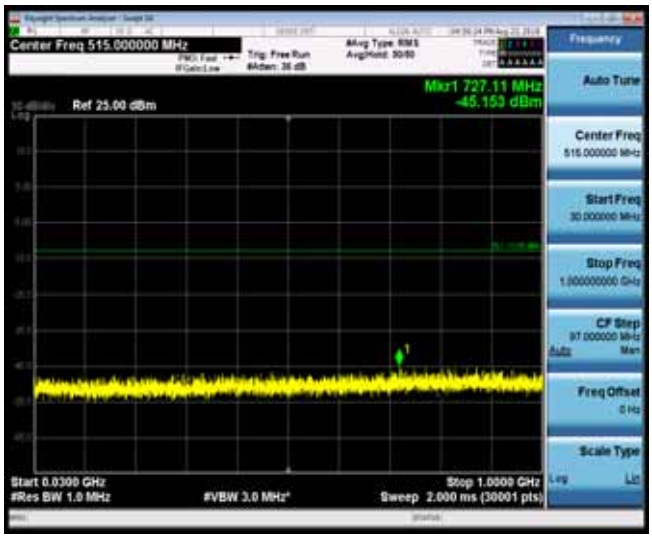


Band2_10MHz_16QAM_18650_1RB#0



Band2_10MHz_16QAM_18650_1RB#0

Band2_10MHz_16QAM_18650_1RB#0

Band2_10MHz_16QAM_18650_1RB#0

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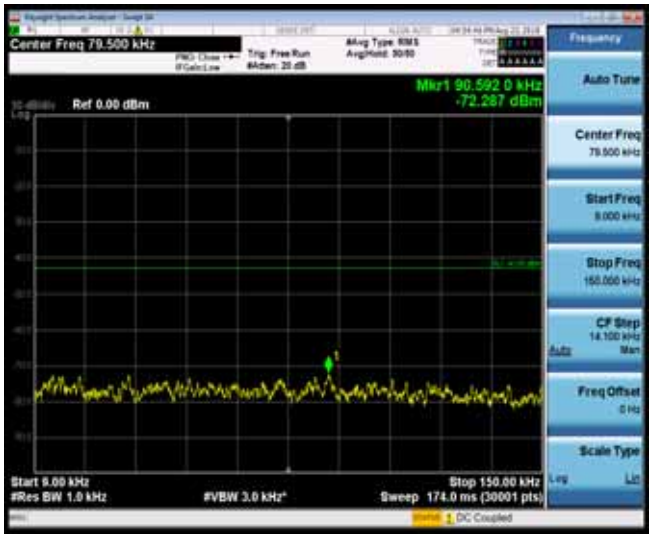
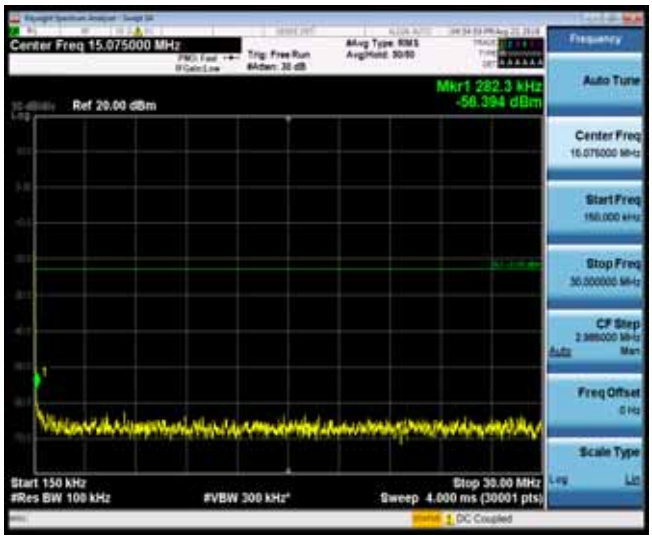
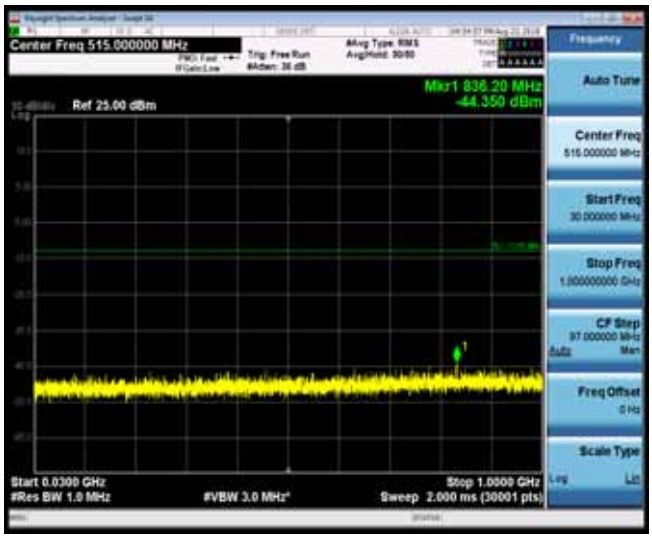


Band2_10MHz_16QAM_18900_1RB#0



Band2_10MHz_16QAM_18900_1RB#0

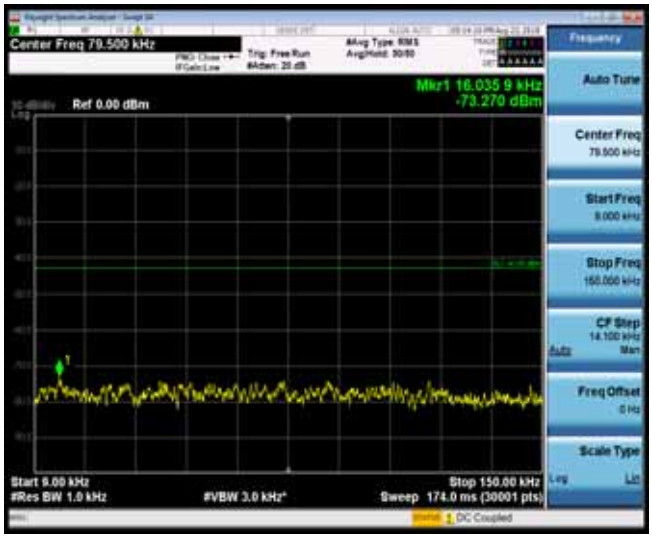


Band2_10MHz_16QAM_18900_1RB#0

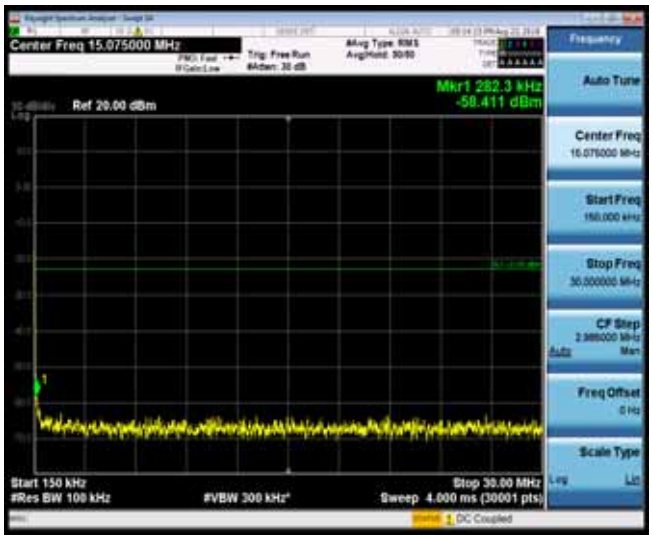
Band2_10MHz_16QAM_18900_1RB#0

Band2_10MHz_16QAM_18900_1RB#0

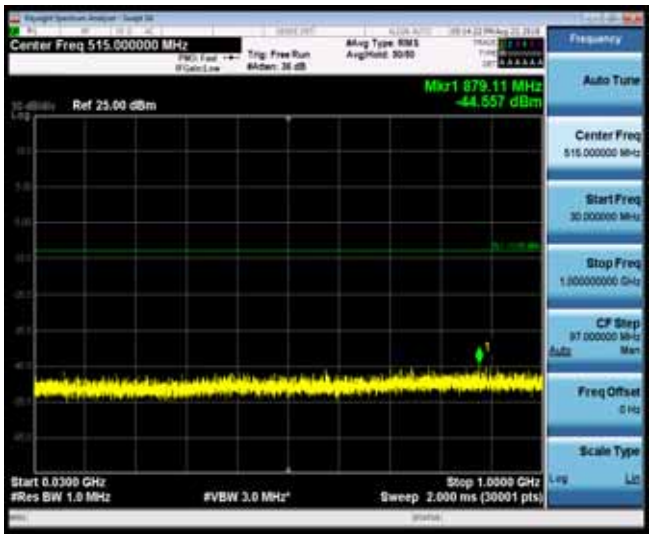
Band2_10MHz_16QAM_19150_1RB#0



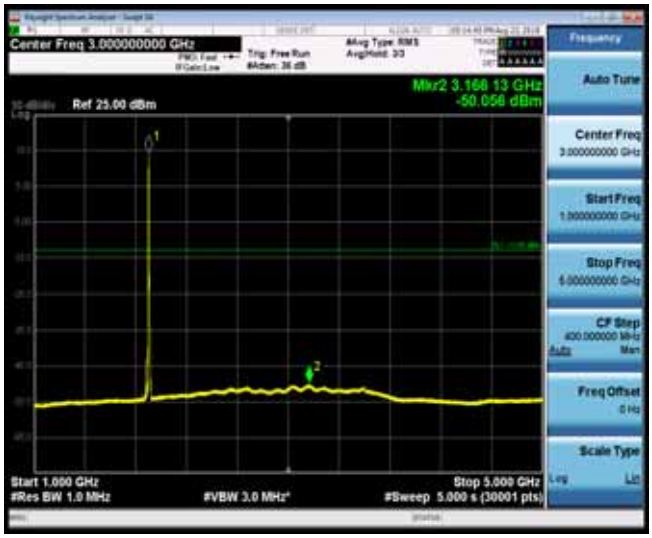
Band2_10MHz_16QAM_19150_1RB#0



Band2_10MHz_16QAM_19150_1RB#0



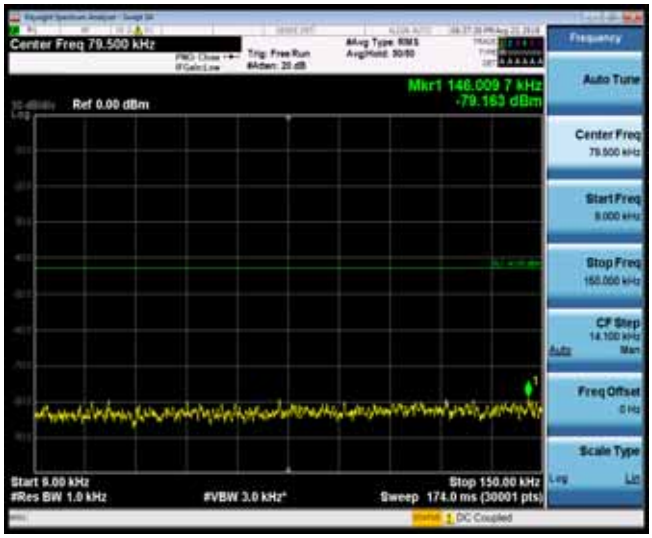
Band2_10MHz_16QAM_19150_1RB#0



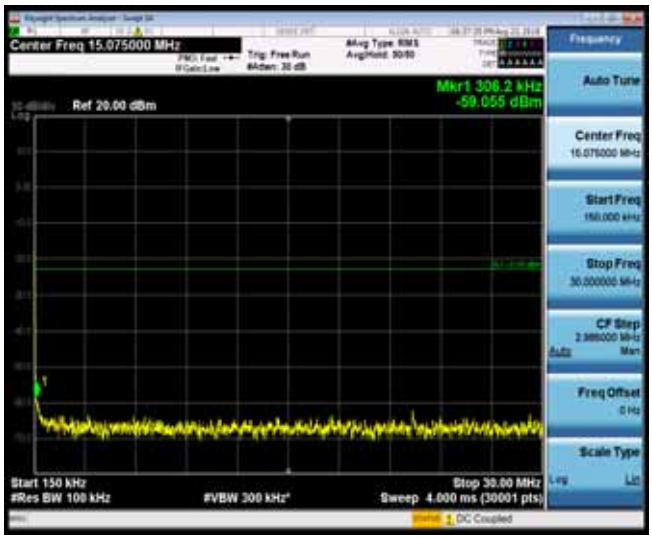
Band2_10MHz_16QAM_19150_1RB#0

Band2_10MHz_16QAM_19150_1RB#0

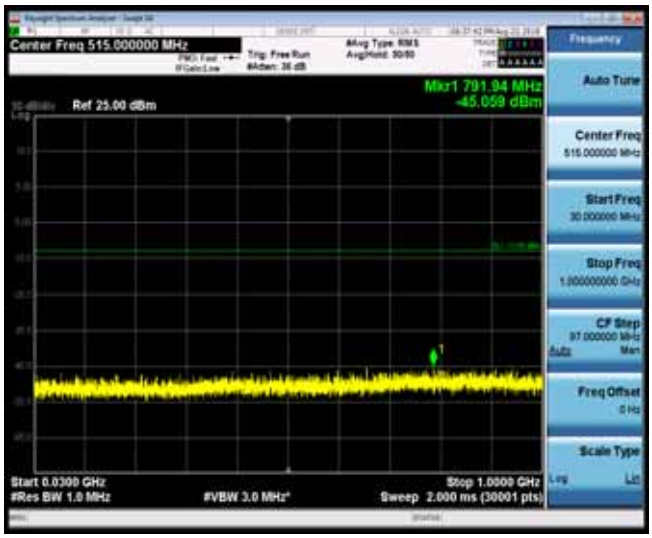
Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0

Band2_15MHz_QPSK_18675_1RB#0

Band2_15MHz_QPSK_18675_1RB#0

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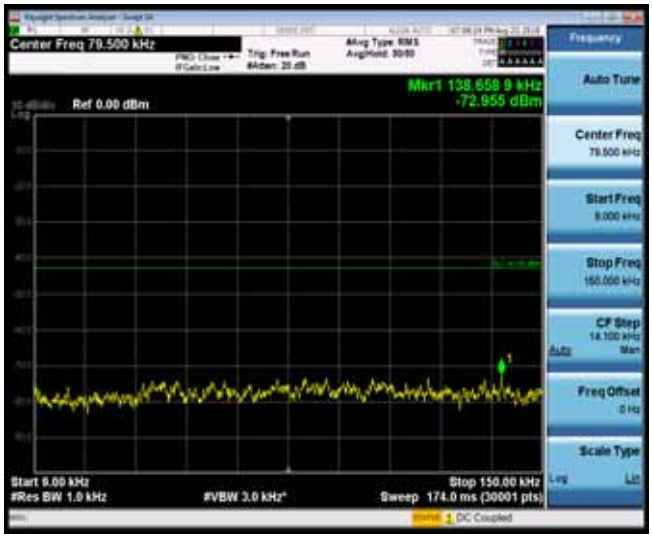
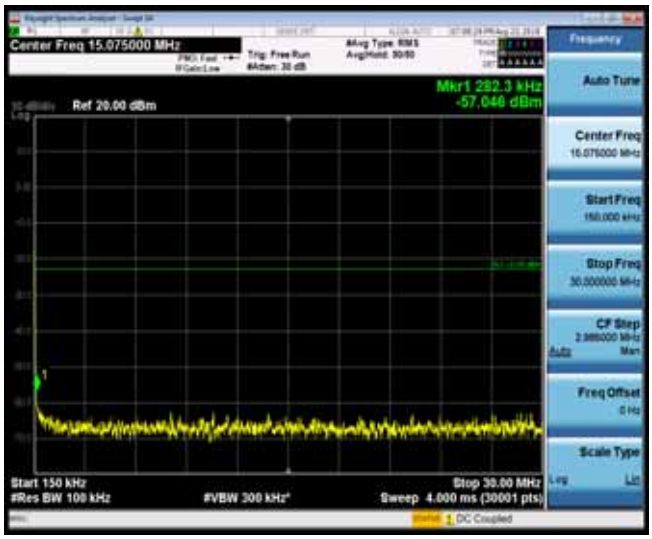


Band2_15MHz_QPSK_18900_1RB#0



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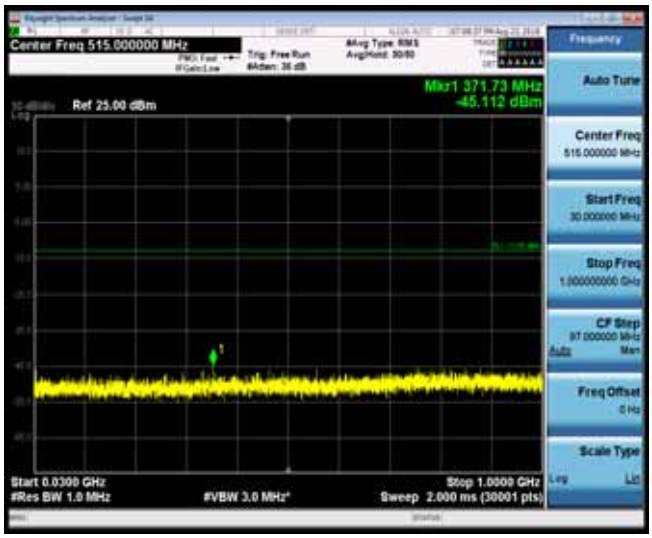

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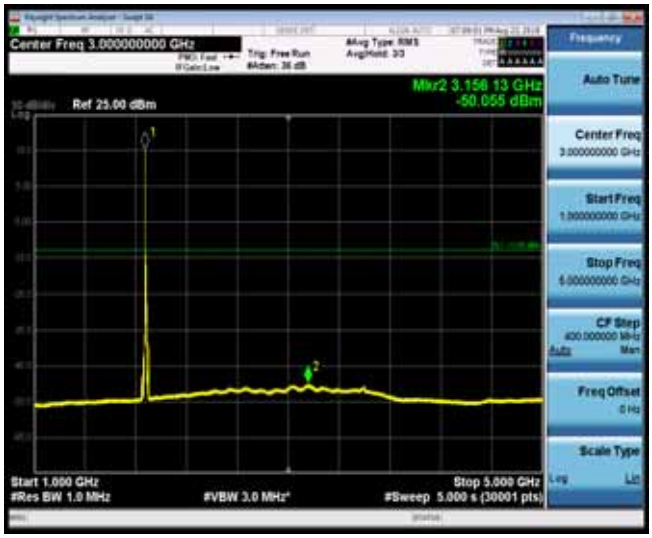

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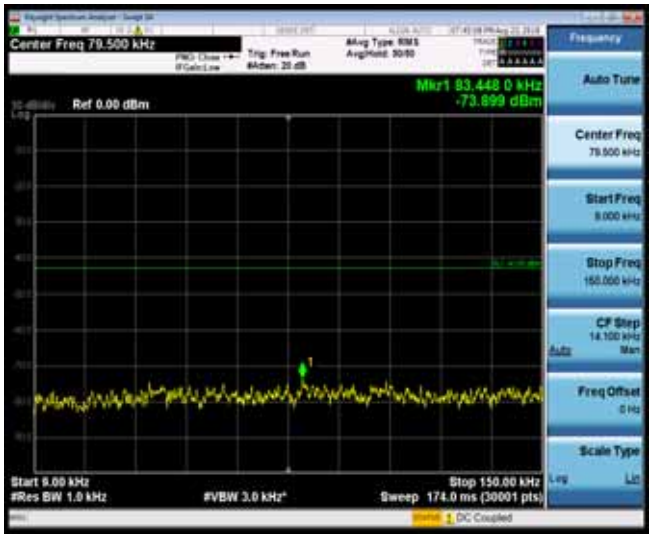

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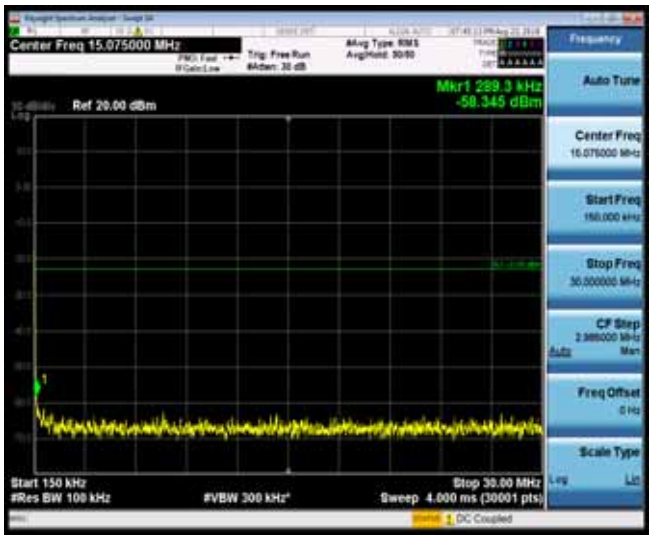

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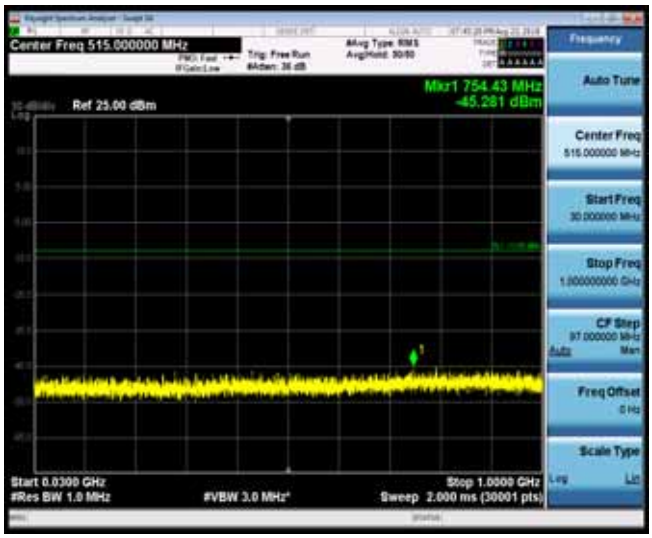

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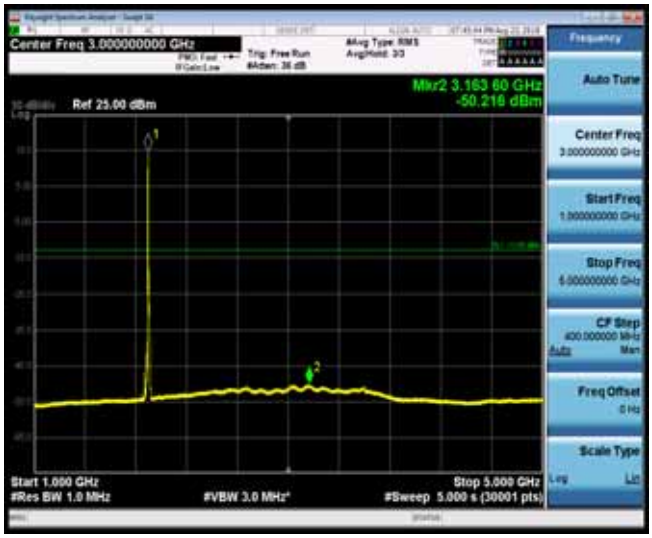

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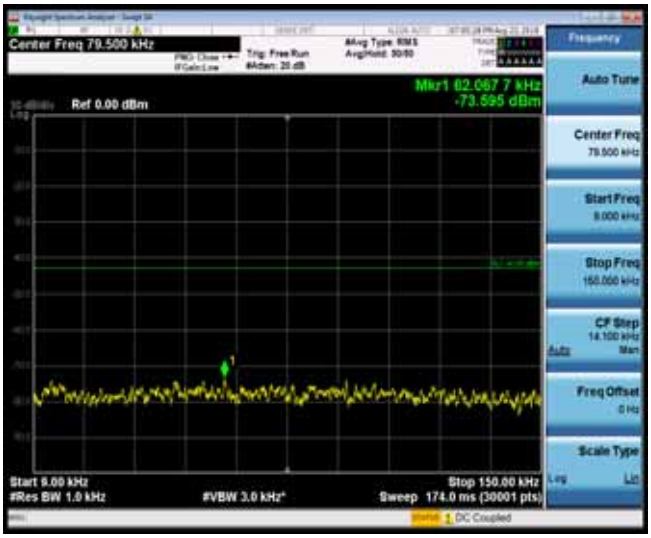
Band2_15MHz_QPSK_19125_1RB#0

Band2_15MHz_16QAM_18675_1RB#0



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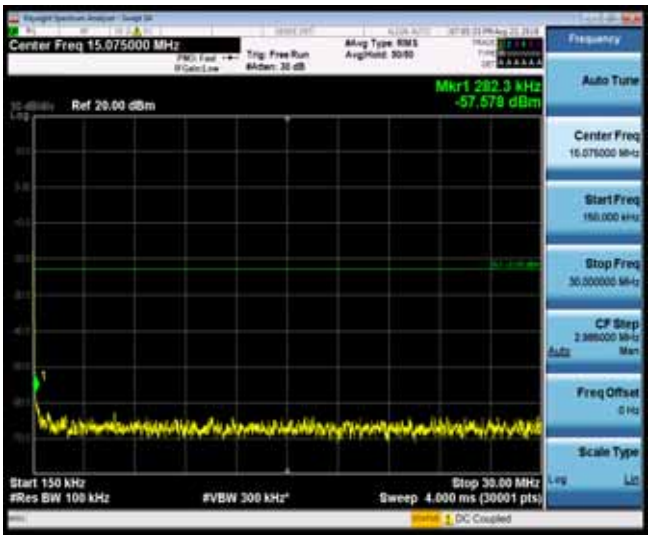

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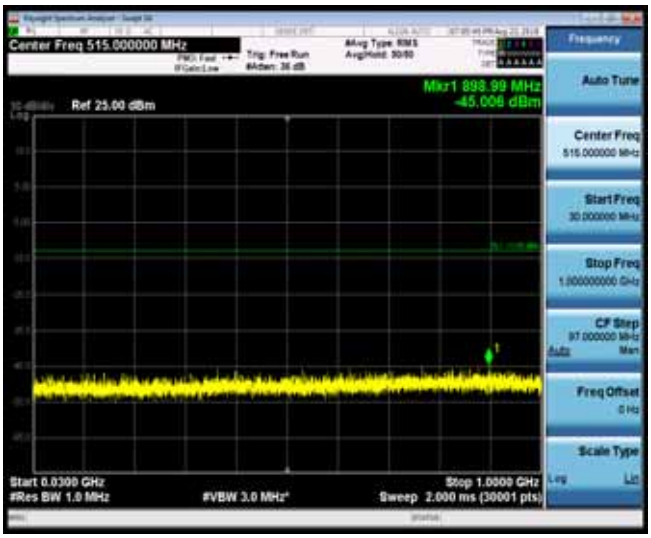

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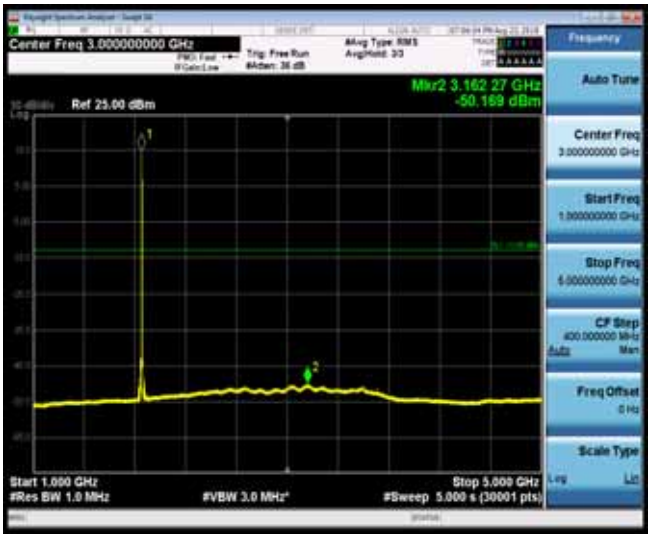

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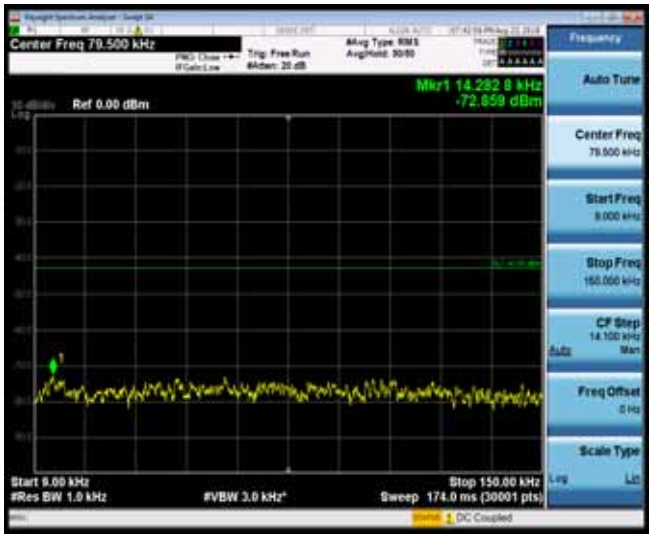
Band2_15MHz_16QAM_18900_1RB#0



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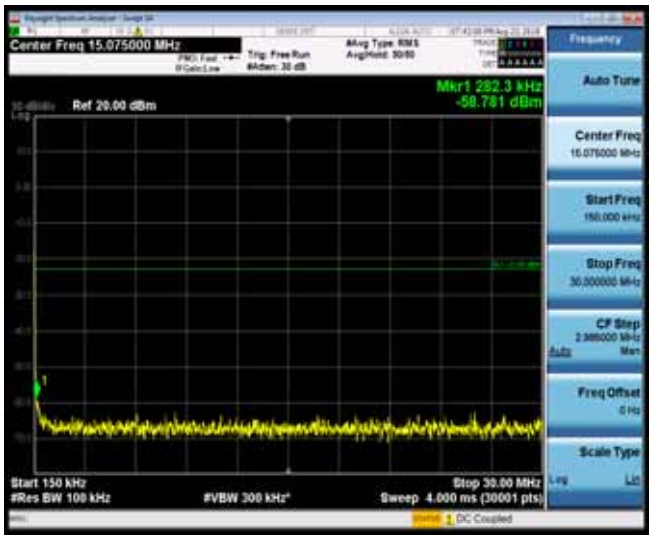

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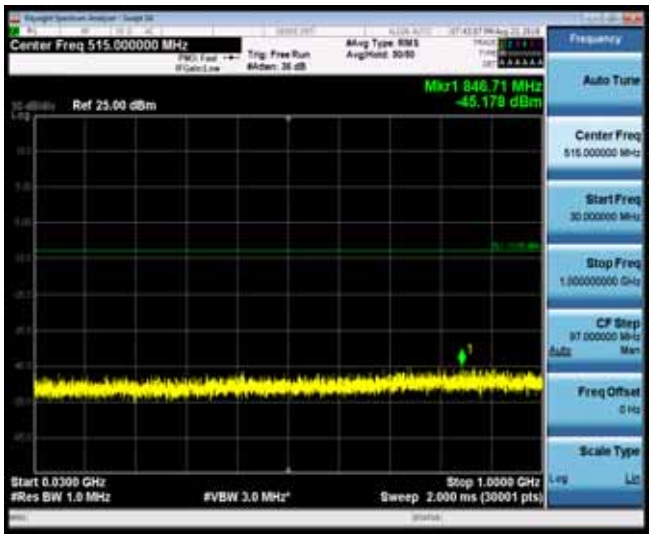

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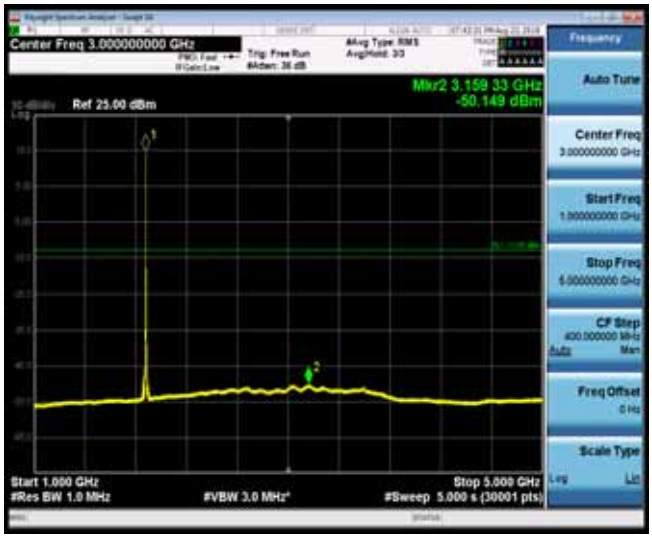

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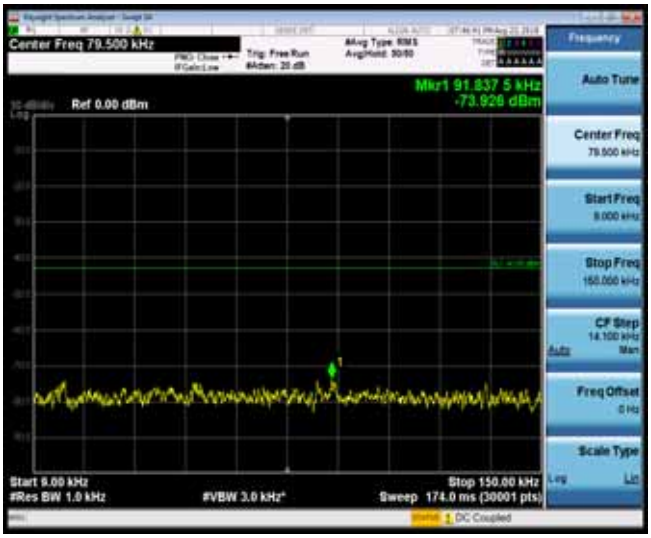

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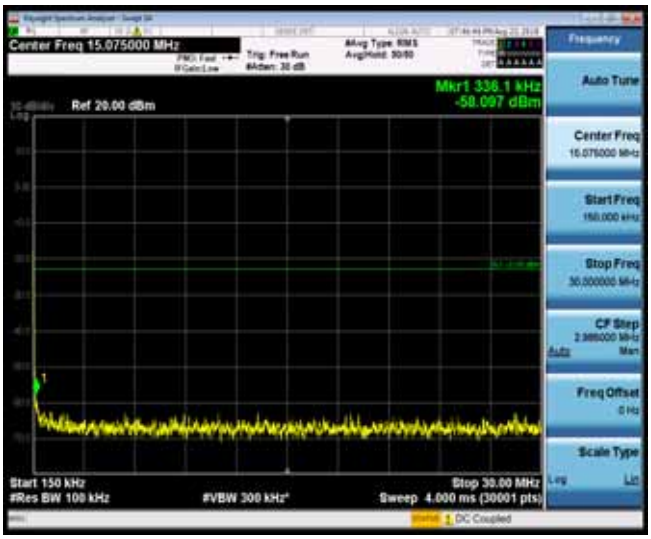

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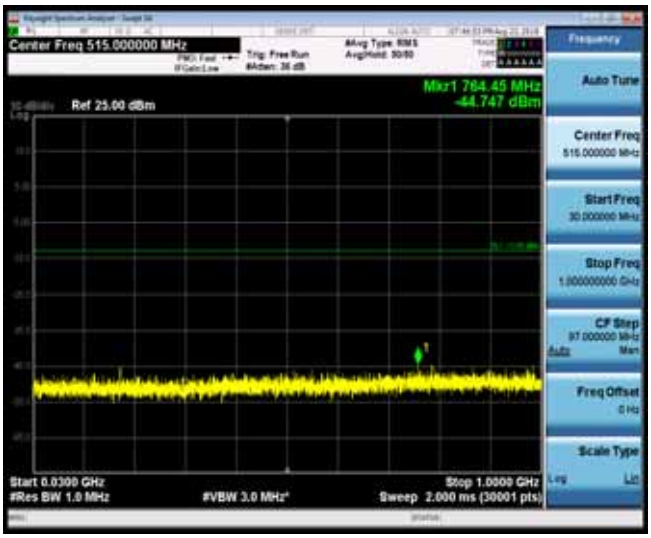

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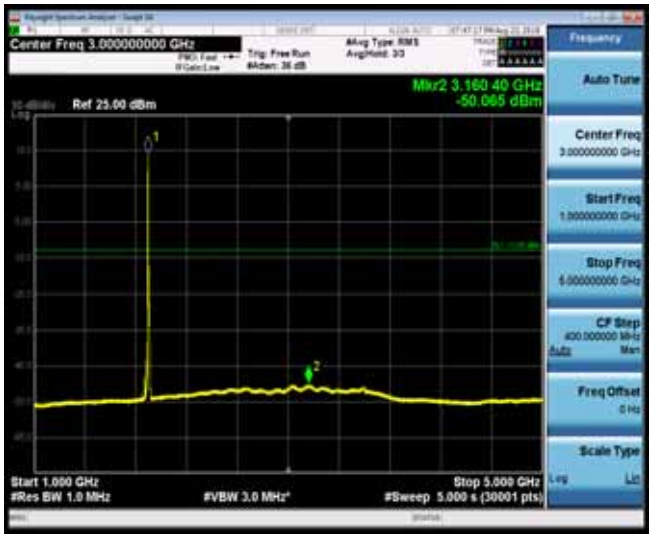
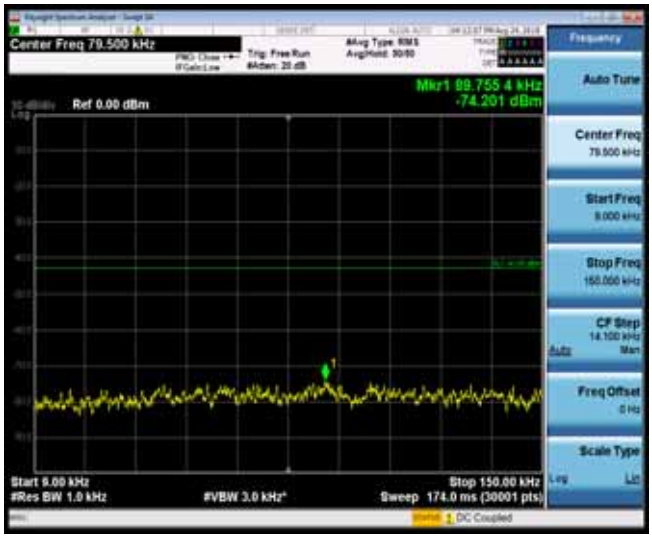


Band2_15MHz_16QAM_19125_1RB#0

Band2_15MHz_16QAM_19125_1RB#0

Band2_20MHz_QPSK_18700_1RB#0



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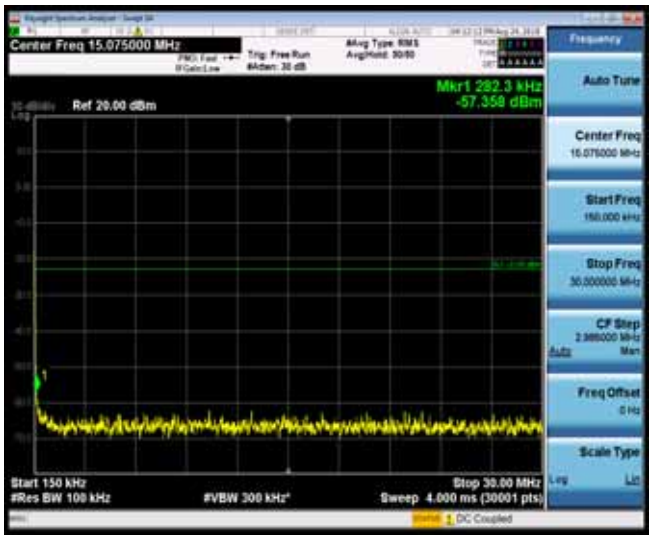

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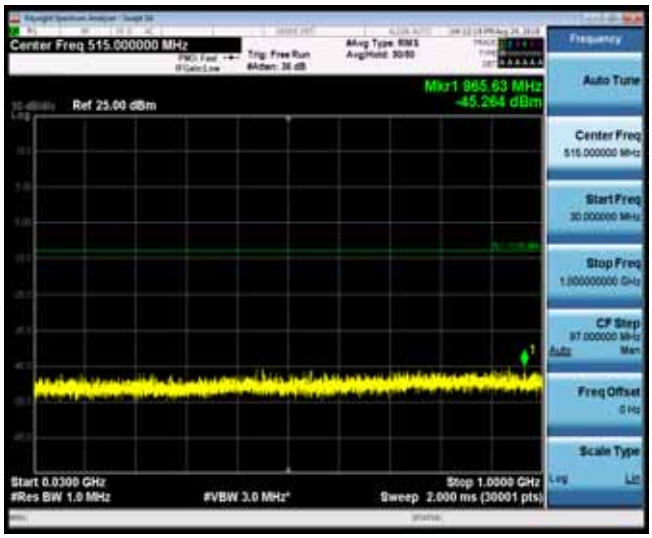

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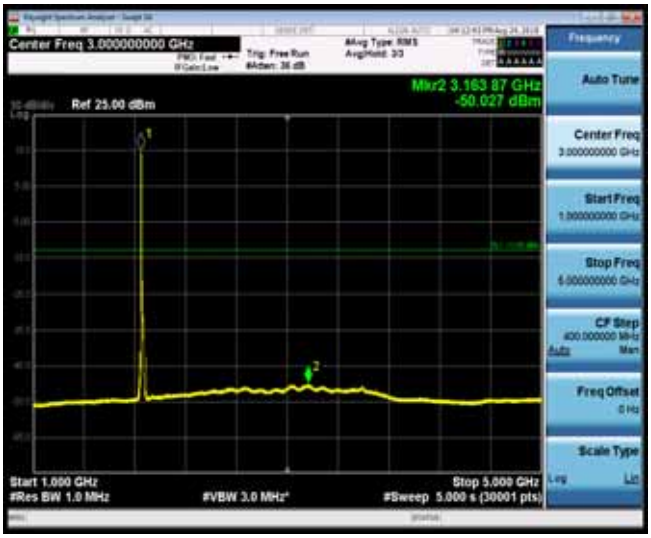

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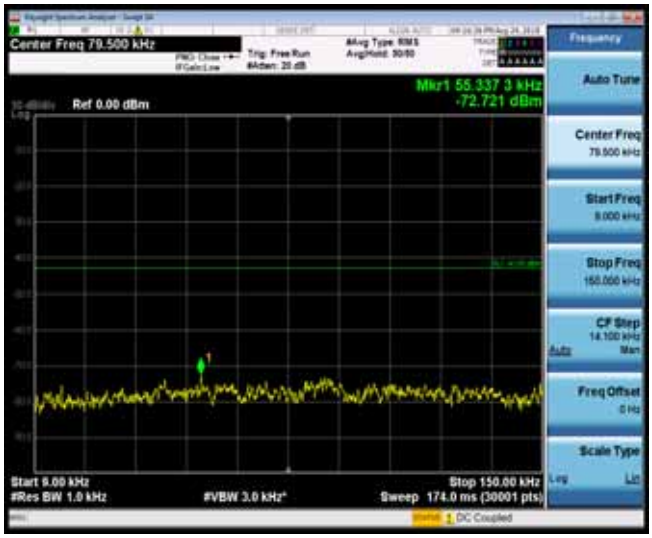

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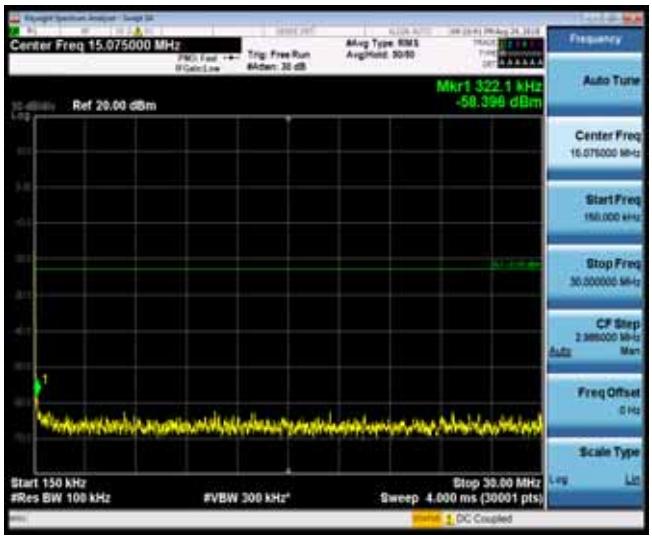

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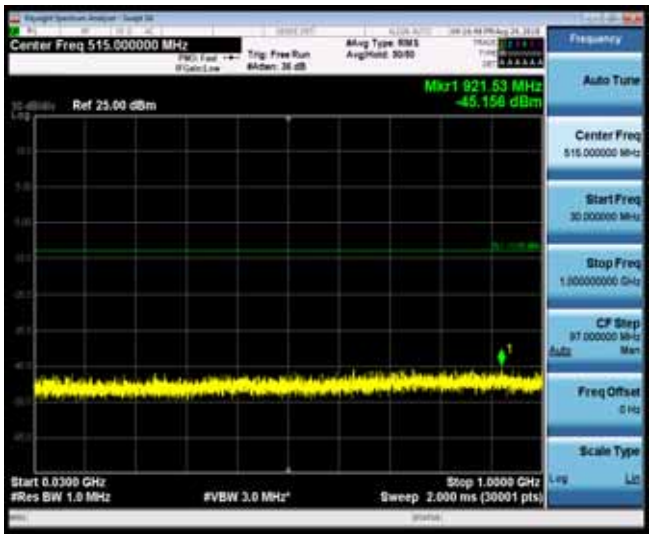

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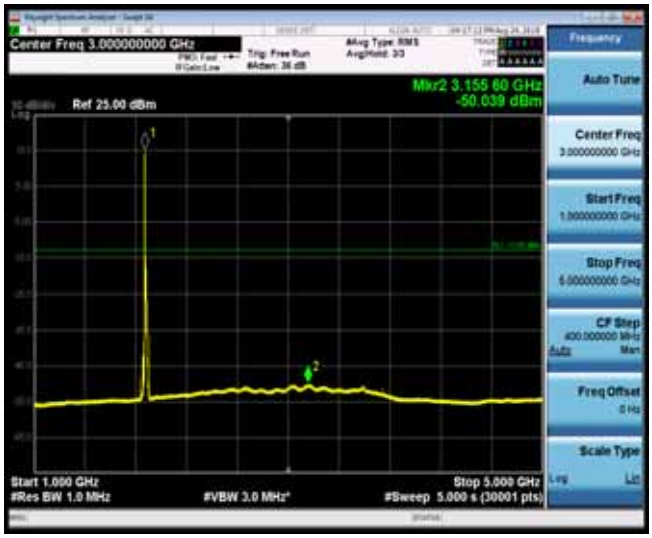

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Band2_20MHz_QPSK_18900_1RB#0

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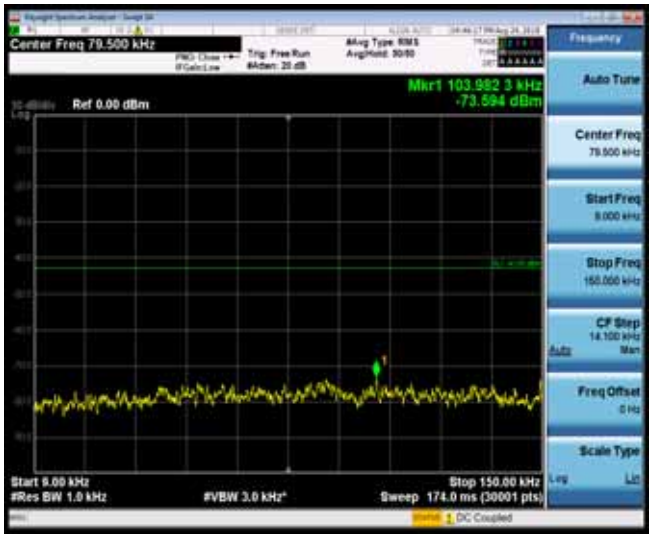

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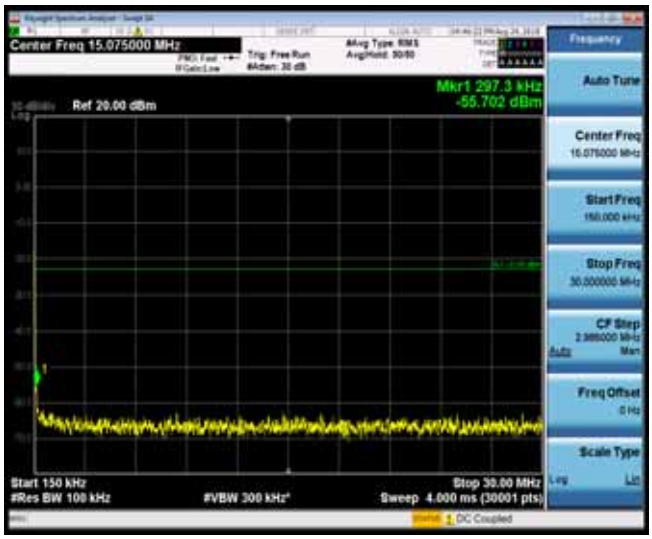

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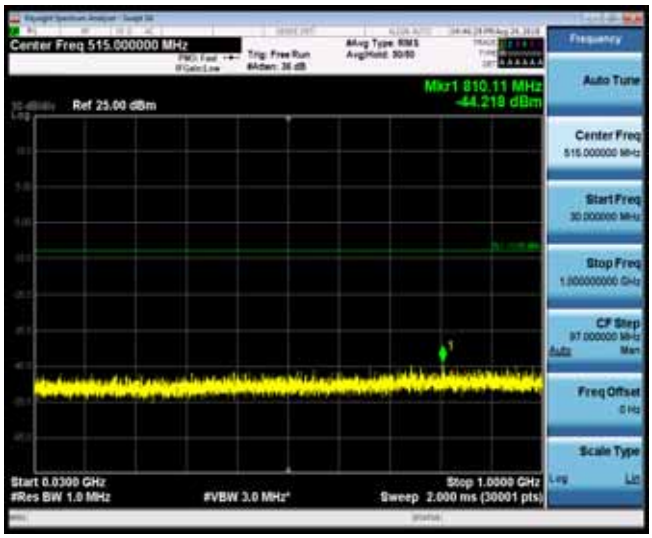

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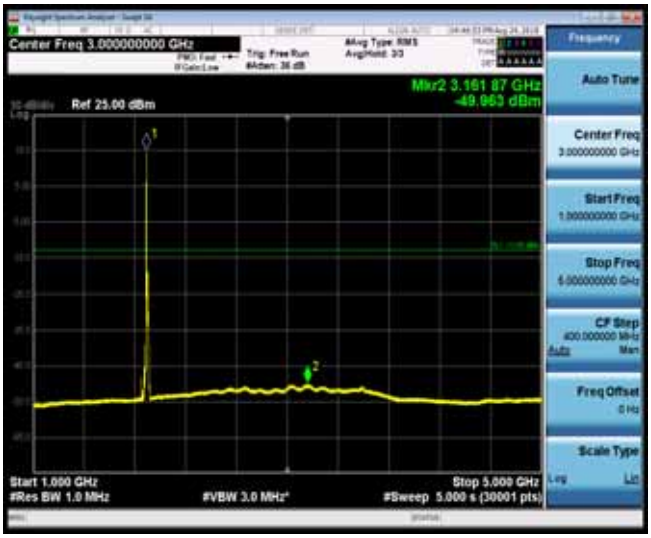

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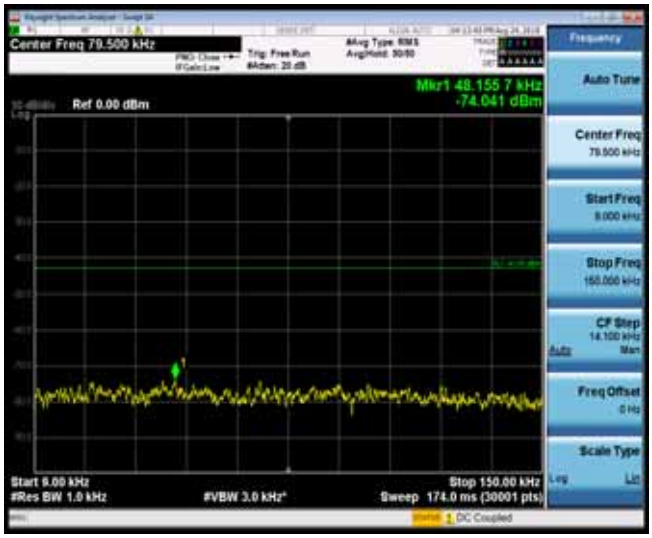

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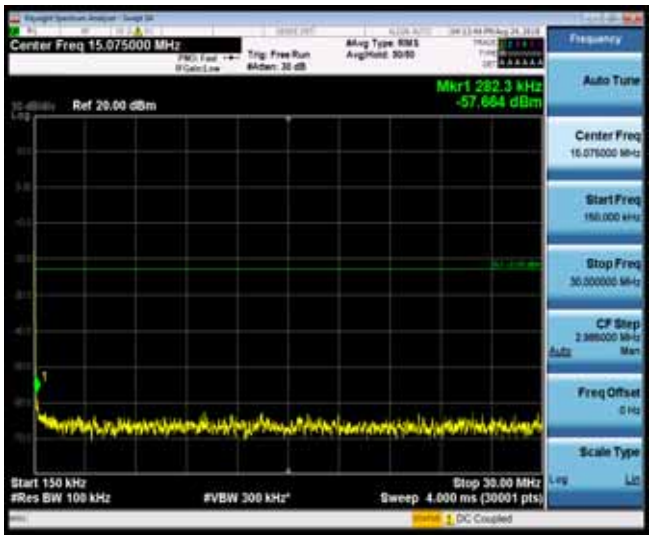

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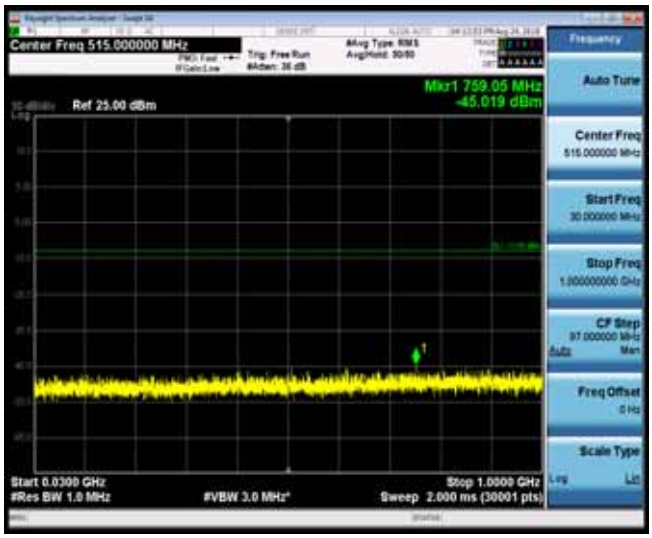

Band2_20MHz_16QAM_18700_1RB#0

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Band2_20MHz_16QAM_18700_1RB#0

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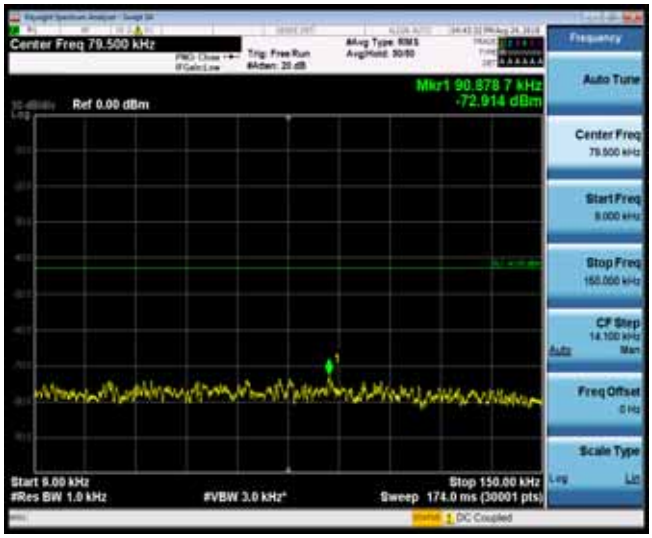

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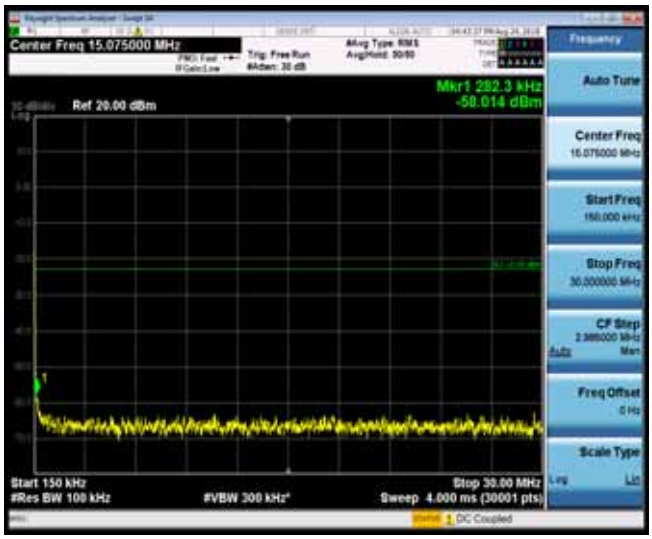

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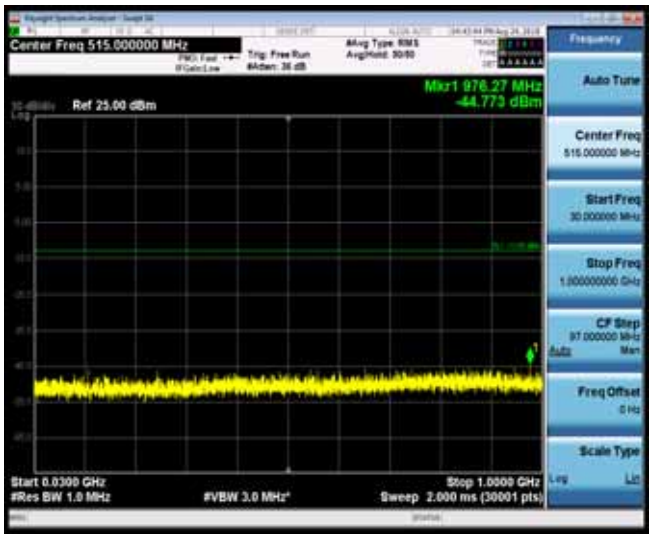

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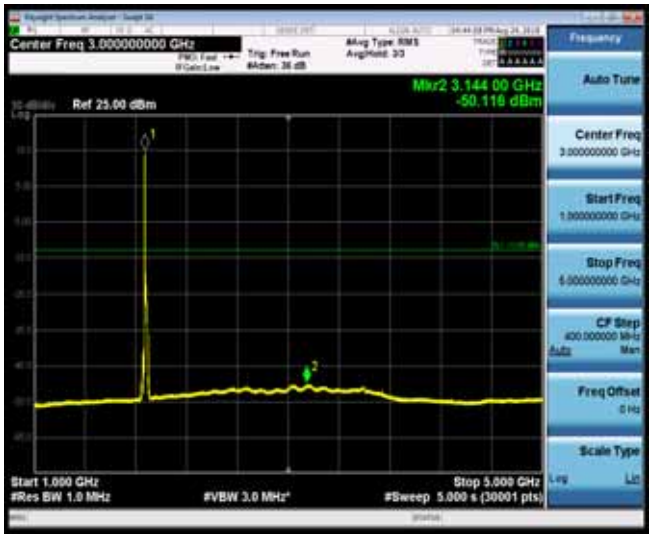
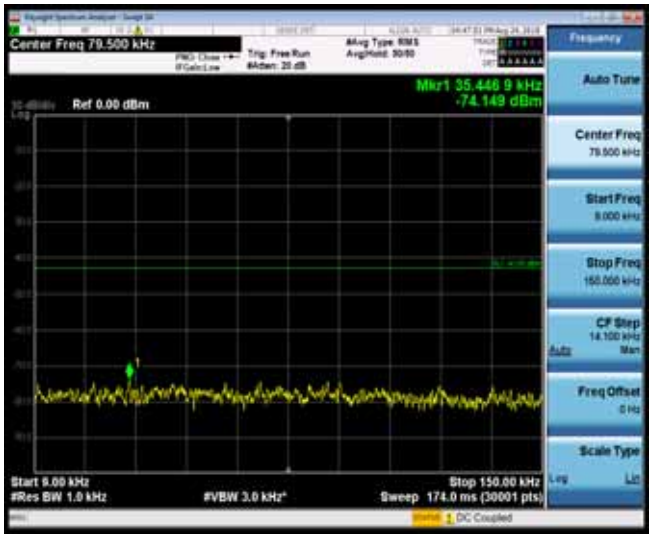


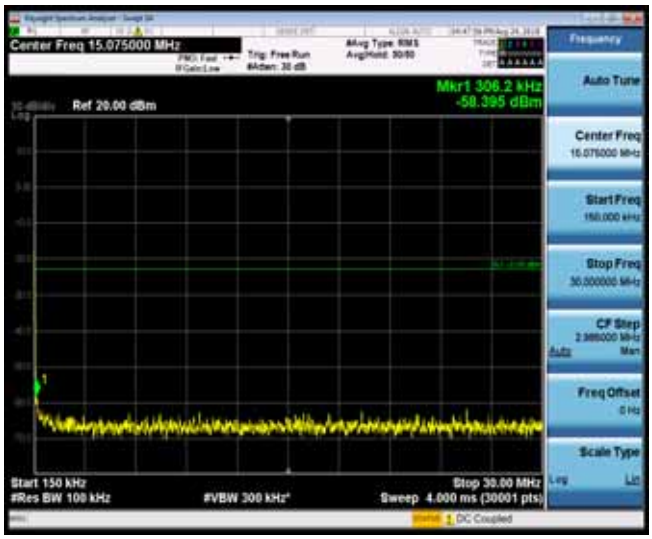
Band2_20MHz_16QAM_18900_1RB#0

Band2_20MHz_16QAM_18900_1RB#0

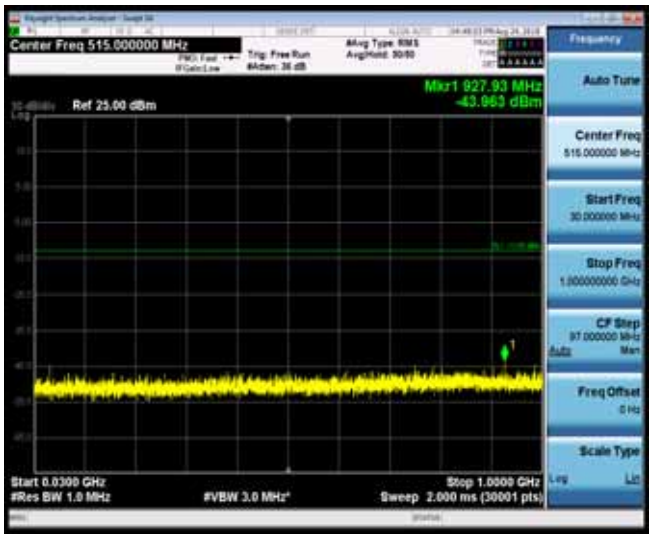
Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0

Band2_20MHz_16QAM_19100_1RB#0

Band2_20MHz_16QAM_19100_1RB#0

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	-40.70	-0.021970	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	-27.92	-0.015072	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-51.21	-0.027644	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-67.59	-0.035952	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-63.13	-0.033580	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-64.03	-0.034059	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	34.69	0.018186	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	33.33	0.017473	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	22.57	0.011832	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-72.11	-0.038926	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	-65.90	-0.035574	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-71.91	-0.038818	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	-63.66	-0.033862	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	-65.27	-0.034718	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	-66.45	-0.035346	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	24.33	0.012755	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	29.23	0.015324	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	20.14	0.010558	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	-62.47	-0.033677	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	-63.80	-0.034394	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	-61.47	-0.033137	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-56.83	-0.030229	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-54.85	-0.029176	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-57.09	-0.030367	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	34.48	0.018100	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	42.36	0.022236	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	34.85	0.018294	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-63.84	-0.034415	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	-63.80	-0.034394	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	-67.49	-0.036383	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	-60.65	-0.032261	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	-60.00	-0.031915	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	-58.15	-0.030931	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	20.84	0.010940	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VN	NT	22.42	0.011769	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	16.89	0.008866	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	-82.31	-0.044312	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	-79.79	-0.042956	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	-83.00	-0.044684	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	-66.19	-0.035207	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	-65.09	-0.034622	±2.5	PASS

Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-77.86	-0.041415	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	34.56	0.018166	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	29.94	0.015737	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	24.46	0.012857	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VL	NT	-77.32	-0.041626	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VN	NT	-80.95	-0.043580	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VH	NT	-75.32	-0.040549	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VL	NT	-78.31	-0.041654	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VN	NT	-81.08	-0.043128	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VH	NT	-77.33	-0.041133	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VL	NT	23.69	0.012452	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VN	NT	25.11	0.013198	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VH	NT	24.70	0.012983	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-60.14	-0.032333	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-59.88	-0.032194	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-65.55	-0.035242	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-61.76	-0.032851	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-64.67	-0.034399	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-60.55	-0.032207	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-54.39	-0.028626	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-51.60	-0.027158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-63.86	-0.033611	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-66.36	-0.035677	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-64.63	-0.034747	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-64.10	-0.034462	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-78.01	-0.041495	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-81.58	-0.043394	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-61.13	-0.032516	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-66.53	-0.035016	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-73.36	-0.038611	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-65.86	-0.034663	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	5MHz	QPSK	18625	25RB#0	NV	-30	-62.06	-0.033501	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-20	-62.33	-0.033646	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	0	-60.50	-0.032659	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	-54.10	-0.029204	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	-63.29	-0.034165	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	-65.79	-0.034995	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	-64.85	-0.034495	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-63.44	-0.033745	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	-63.14	-0.033585	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-64.79	-0.034463	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-30	25.02	0.013117	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-20	29.45	0.015439	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	0	28.55	0.014967	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	32.56	0.017069	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	30.56	0.016021	±2.5	PASS

Band2	5MHz	16QAM	18625	25RB#0	NV	-30	-66.68	-0.035995	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-20	-60.65	-0.032740	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	-62.30	-0.033630	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	10	-56.98	-0.030758	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	-61.80	-0.033360	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	-64.85	-0.034495	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	-61.00	-0.032447	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	-64.00	-0.034043	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	-65.95	-0.035080	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	-64.10	-0.034096	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-30	28.08	0.014721	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-20	32.20	0.016881	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	26.87	0.014087	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	28.90	0.015151	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	20	24.79	0.012996	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-30	-63.44	-0.034199	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-20	-66.96	-0.036097	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	-61.04	-0.032906	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	-65.15	-0.035121	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-61.78	-0.033305	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	-52.34	-0.027840	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	-40.17	-0.021367	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-61.00	-0.032447	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-56.25	-0.029920	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-58.01	-0.030856	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-30	37.99	0.019942	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-20	39.42	0.020693	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	-8.23	-0.004320	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	7.44	0.003906	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	26.91	0.014126	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-30	-62.60	-0.033747	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-20	-69.11	-0.037256	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-63.73	-0.034356	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	-63.69	-0.034334	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	-64.09	-0.034550	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	-57.71	-0.030697	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	-62.21	-0.033090	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-61.57	-0.032750	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-62.14	-0.033053	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-62.43	-0.033207	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-30	26.84	0.014089	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-20	29.43	0.015449	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	24.30	0.012756	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	33.23	0.017444	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	20	19.07	0.010010	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-30	-56.96	-0.030665	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-20	-55.39	-0.029820	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	0	-55.25	-0.029744	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	10	-55.09	-0.029658	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	20	-65.12	-0.035058	±2.5	PASS

Band2	15MHz	QPSK	18900	75RB#0	NV	-30	-61.84	-0.032894	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	-61.01	-0.032452	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-54.10	-0.028777	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-57.33	-0.030495	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-59.84	-0.031830	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-30	-60.64	-0.031874	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-20	37.31	0.019611	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	0	35.99	0.018917	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	10	29.43	0.015469	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	20	30.00	0.015769	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-30	-62.23	-0.033502	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-20	-66.56	-0.035833	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	0	-68.22	-0.036727	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	10	-63.51	-0.034191	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	20	-66.92	-0.036027	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-30	-64.14	-0.034117	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-20	-64.50	-0.034309	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-124.74	-0.066351	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-64.02	-0.034053	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	-64.86	-0.034500	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-30	32.73	0.017204	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-20	31.49	0.016552	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	0	32.64	0.017156	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	10	30.18	0.015863	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	20	34.17	0.017961	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-67.53	-0.036306	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-60.10	-0.032312	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-62.80	-0.033763	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-64.70	-0.034785	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-62.40	-0.033548	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-62.73	-0.033367	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-63.36	-0.033702	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-62.40	-0.033191	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-61.40	-0.032660	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-64.79	-0.034463	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-64.79	-0.034100	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-61.35	-0.032289	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-61.78	-0.032516	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-59.85	-0.031500	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-60.50	-0.031842	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-64.83	-0.034855	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-69.54	-0.037387	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-62.43	-0.033565	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-68.42	-0.036785	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-67.68	-0.036387	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-68.14	-0.036245	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-67.52	-0.035915	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-62.90	-0.033457	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-65.50	-0.034840	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-68.54	-0.036457	±2.5	PASS

Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-63.79	-0.033574	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-65.03	-0.034226	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-61.51	-0.032374	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-66.70	-0.035105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-64.62	-0.034011	±2.5	PASS

Band 4:

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	5MHz	QPSK	19975	1RB#0	22.54	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.74	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.88	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.52	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.69	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.81	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.59	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.19	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.06	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.06	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.75	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.7	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.7	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.61	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.43	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.53	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.57	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.37	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.43	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.47	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.35	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.19	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.38	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.48	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.81	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.9	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.93	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.88	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.76	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.54	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.36	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.17	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.78	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.83	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.68	PASS

Band4	5MHz	16QAM	20375	1RB#0	22.71	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.8	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.86	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.58	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.64	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.64	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.49	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.43	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.85	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.93	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.45	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.61	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.69	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.57	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.17	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.96	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.96	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.8	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.77	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.73	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.79	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.02	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.28	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.56	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.04	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.17	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.27	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.07	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.78	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.11	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.22	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.7	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.87	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.92	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.76	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.63	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.48	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.35	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.17	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.04	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.98	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.08	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.39	PASS

Band4	10MHz	16QAM	20350	1RB#24	23.5	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.53	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.26	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.32	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.41	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.41	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.54	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.87	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.01	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.86	PASS
Band4	15MHz	QPSK	20025	38RB#18	22	PASS
Band4	15MHz	QPSK	20025	38RB#37	22	PASS
Band4	15MHz	QPSK	20025	75RB#0	22	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.19	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.94	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.87	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.26	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.82	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.98	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.14	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.8	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.15	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.4	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.04	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.22	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.34	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.35	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.85	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.16	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.18	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.2	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.23	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.31	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.28	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.53	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.13	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.25	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.59	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.16	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.25	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.53	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.56	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.85	PASS

Band4	15MHz	16QAM	20325	1RB#74	23.05	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.28	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.53	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.6	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.7	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.87	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.1	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.78	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.99	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.03	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.95	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.96	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.47	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.17	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.3	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.7	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.06	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.75	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.6	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.02	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.3	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.52	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.78	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.1	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.22	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.1	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.66	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.55	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.76	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.3	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.17	PASS
Band4	20MHz	16QAM	20050	50RB#50	21	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.14	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.23	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.32	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.82	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.19	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.47	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.25	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.05	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.37	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.73	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.19	PASS

Band4	20MHz	16QAM	20300	50RB#0	21.04	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.3	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.64	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.25	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

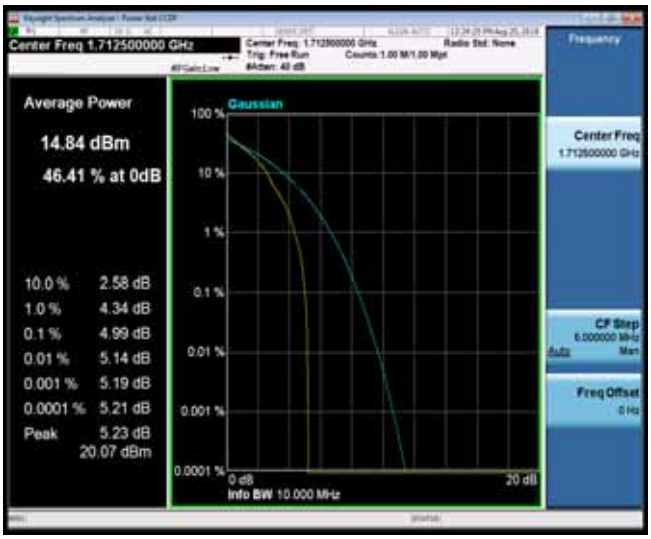
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	5MHz	QPSK	19975	1RB#0	4.99	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.28	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	6.24	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.96	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.65	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.95	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.41	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.91	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.64	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.57	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.48	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.71	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.82	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.36	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.69	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.95	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.03	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.37	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.43	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.01	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.34	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.60	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.42	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.02	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	7.41	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.17	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	6.58	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.75	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	7.18	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.33	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	7.03	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.94	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.49	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.42	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	6.94	13	PASS

Band4	15MHz	16QAM	20325	75RB#0	6.09	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	7.52	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.39	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	7.44	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.47	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	7.53	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.45	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	8.04	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.30	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	7.87	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.44	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	7.85	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.40	13	PASS

Band	Bandwidth	Channel	Modulation	RB Configuration	EIRP (dBm)	Verdict
Band4	5MHz	19975	QPSK	1RB#24	26.4	PASS
Band4	5MHz	20175	QPSK	1RB#0	26.71	PASS
Band4	5MHz	20375	QPSK	1RB#24	27.09	PASS
Band4	10MHz	20000	QPSK	1RB#49	26.45	PASS
Band4	10MHz	20175	QPSK	1RB#0	26.69	PASS
Band4	10MHz	20350	QPSK	1RB#49	27.08	PASS
Band4	15MHz	20025	QPSK	1RB#74	26.53	PASS
Band4	15MHz	20175	QPSK	1RB#0	26.71	PASS
Band4	15MHz	20325	QPSK	1RB#74	26.92	PASS
Band4	20MHz	20050	QPSK	1RB#49	26.62	PASS
Band4	20MHz	20175	QPSK	1RB#0	26.99	PASS
Band4	20MHz	20300	QPSK	1RB#99	27.04	PASS

Test Graphs

Band4_5MHz_QPSK_19975_1RB#0

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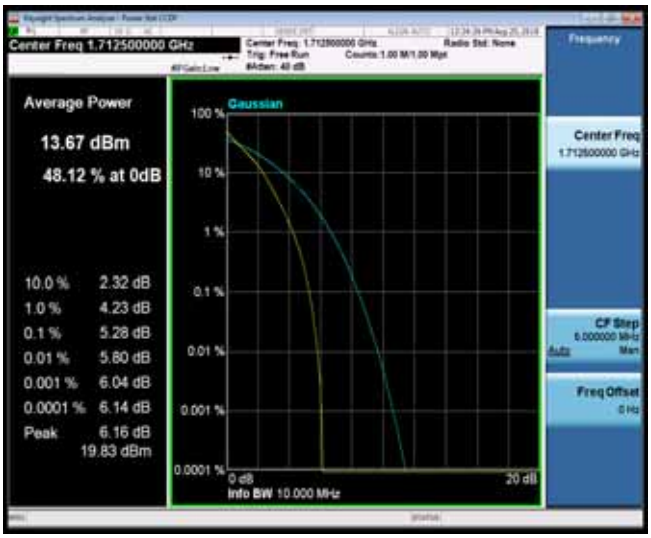
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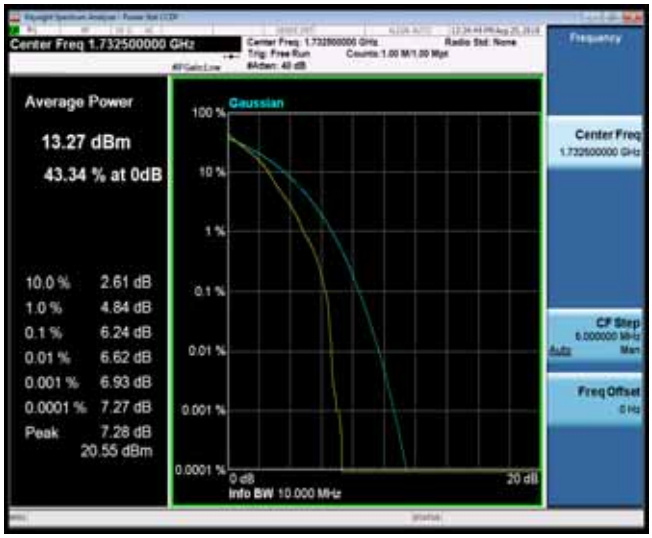

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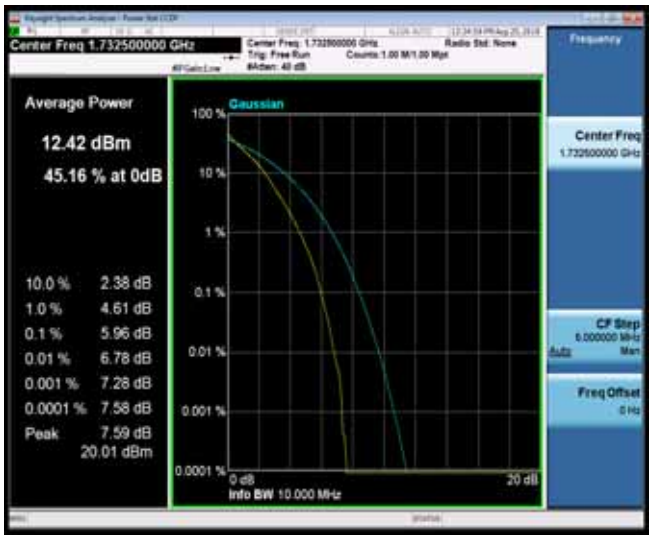

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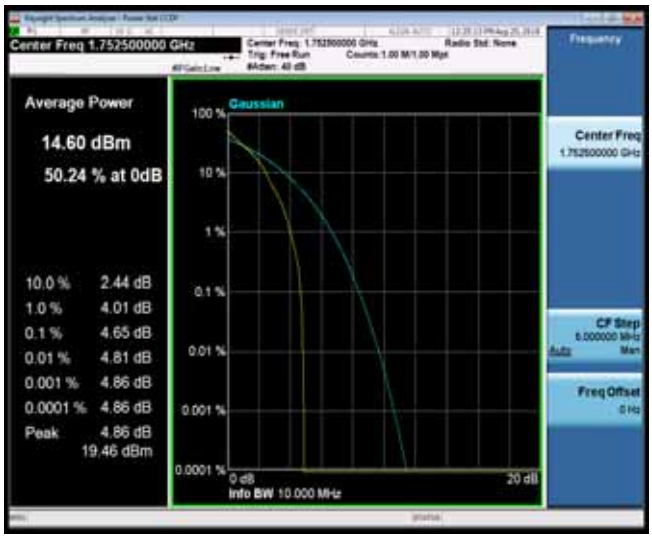
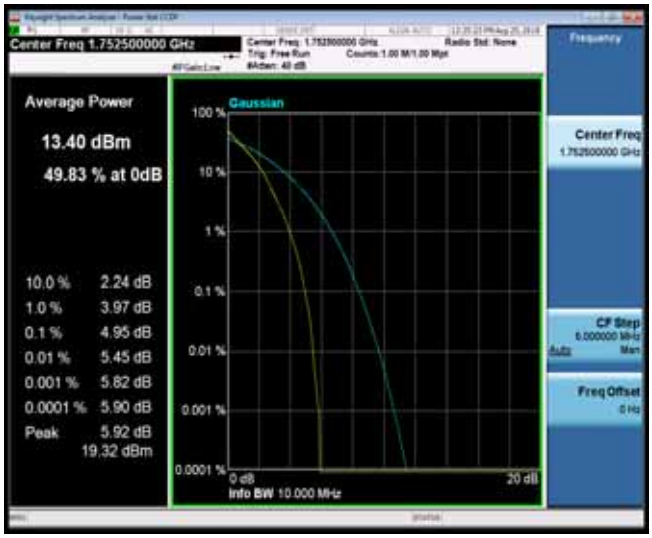
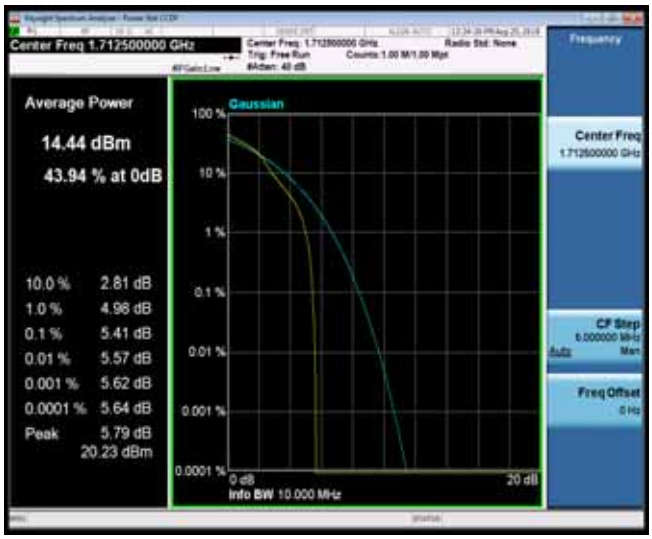


Band4_5MHz_QPSK_20375_25RB#0



Band4_5MHz_16QAM_19975_1RB#0



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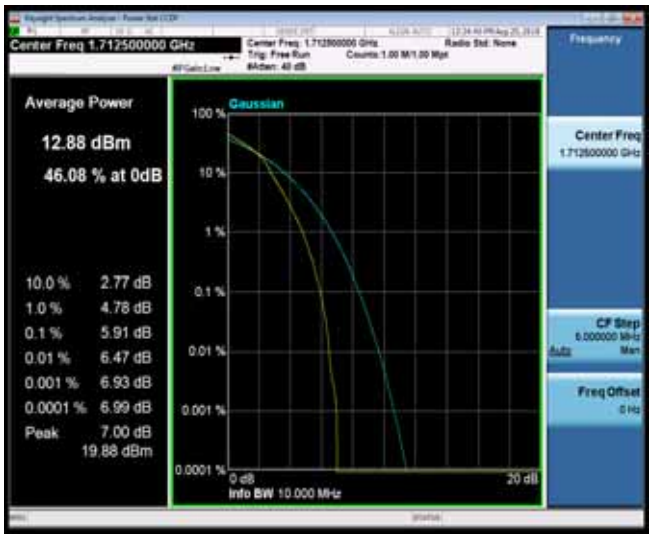

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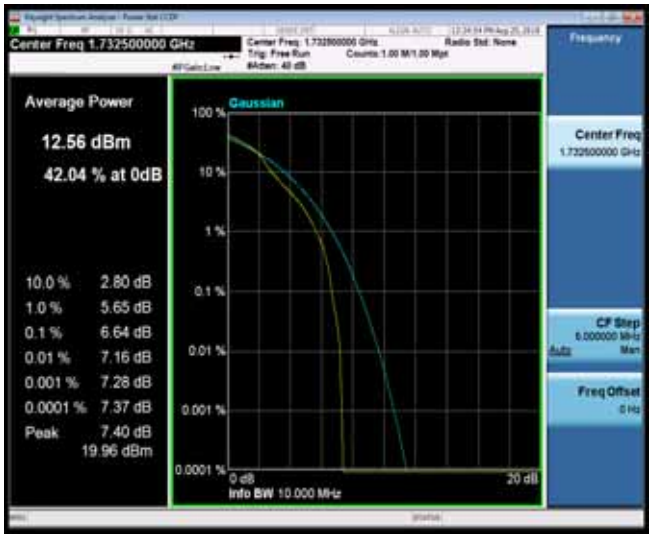

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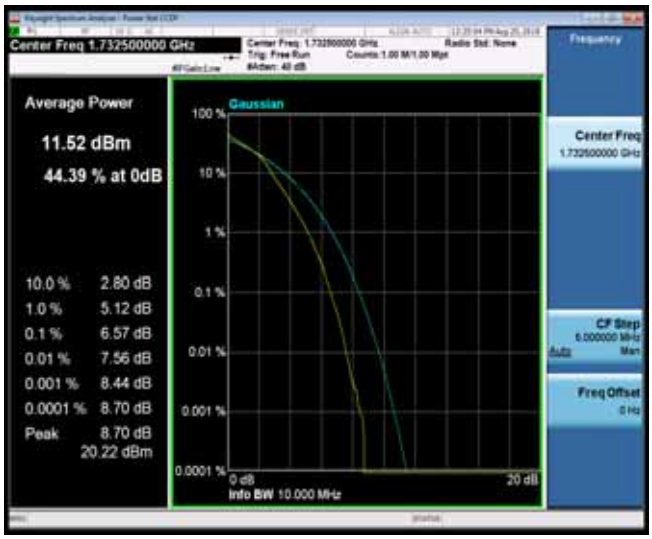

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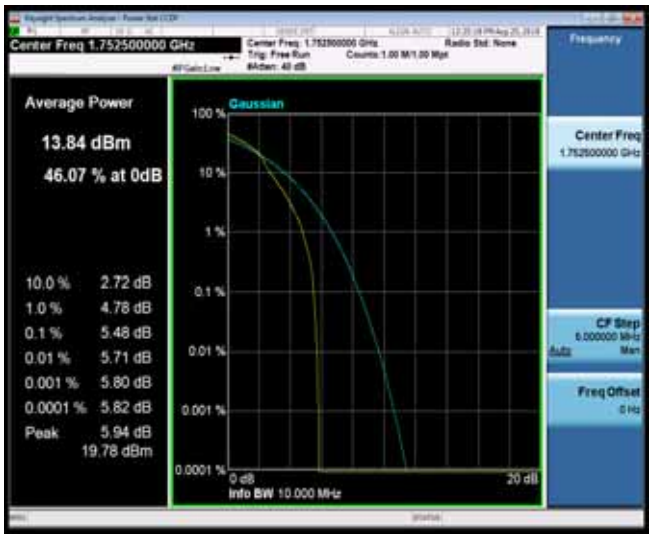

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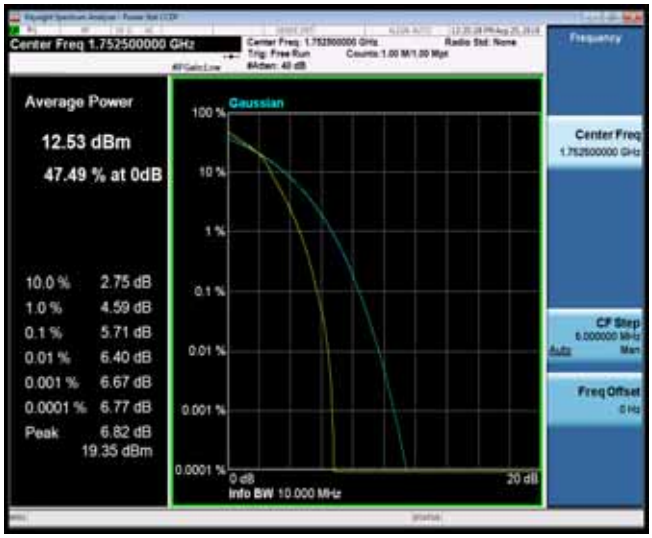

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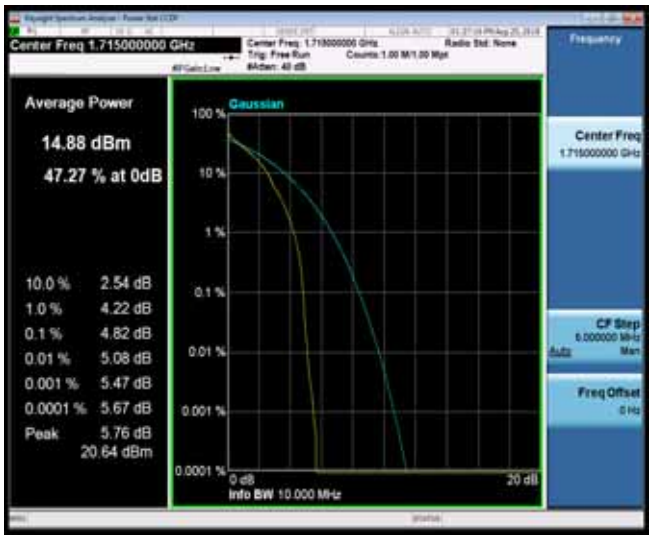

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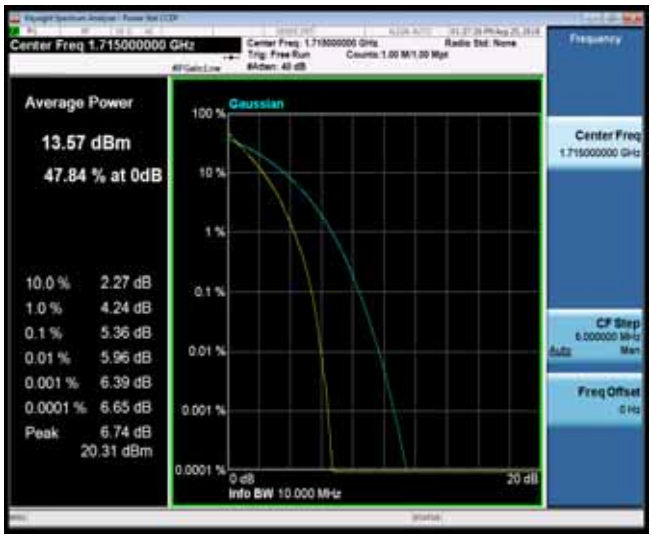
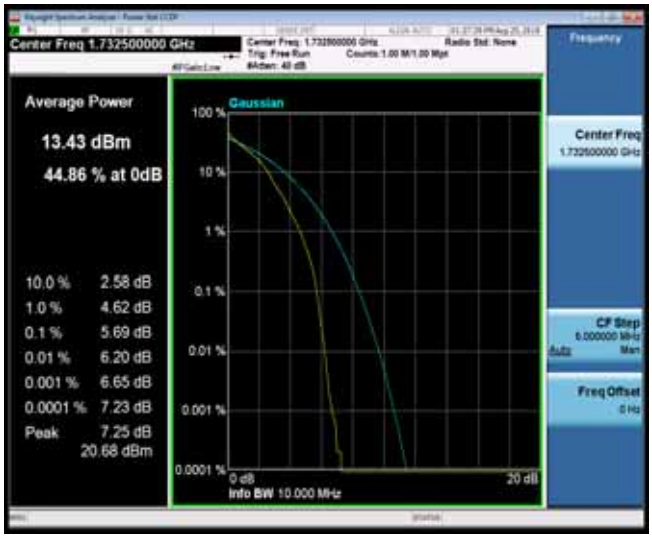


Band4_10MHz_QPSK_20175_1RB#0



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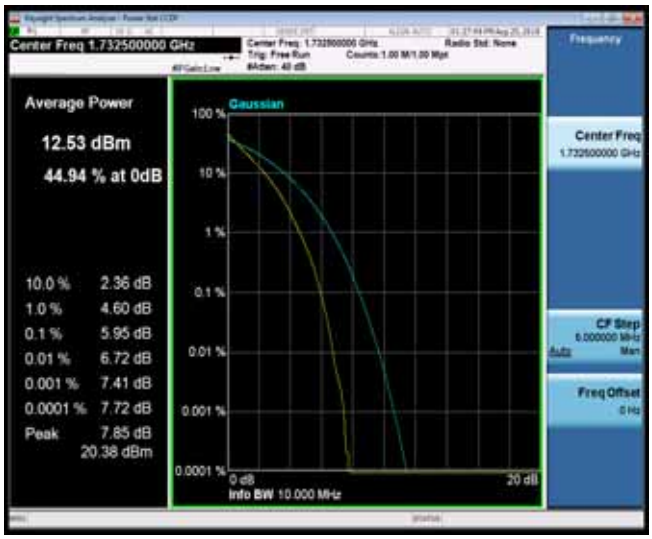

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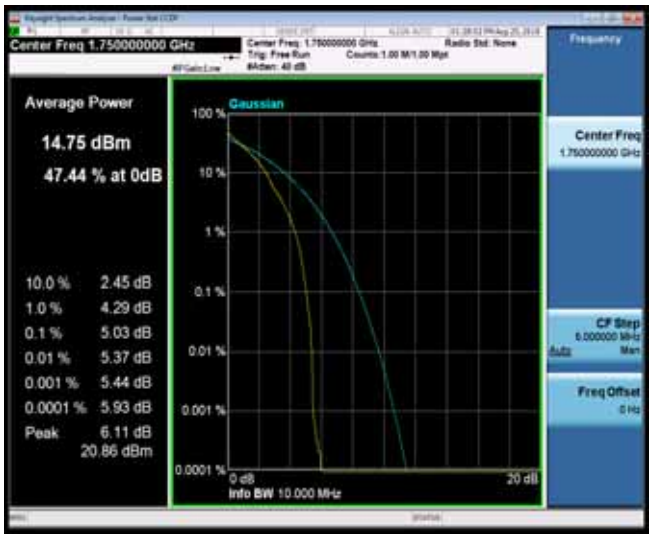

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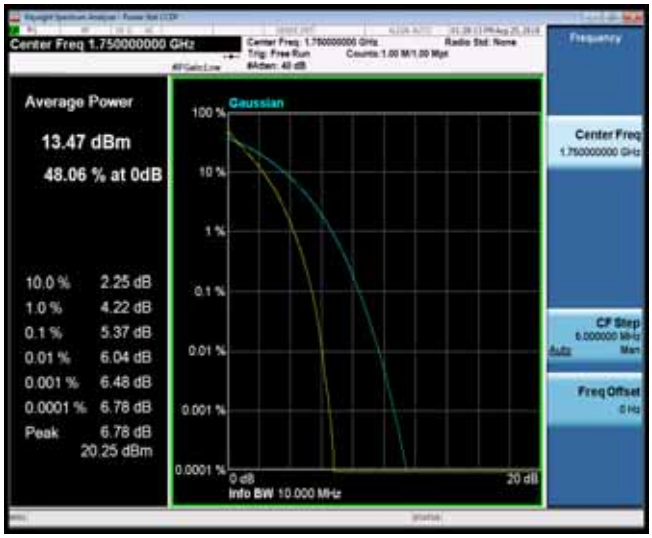
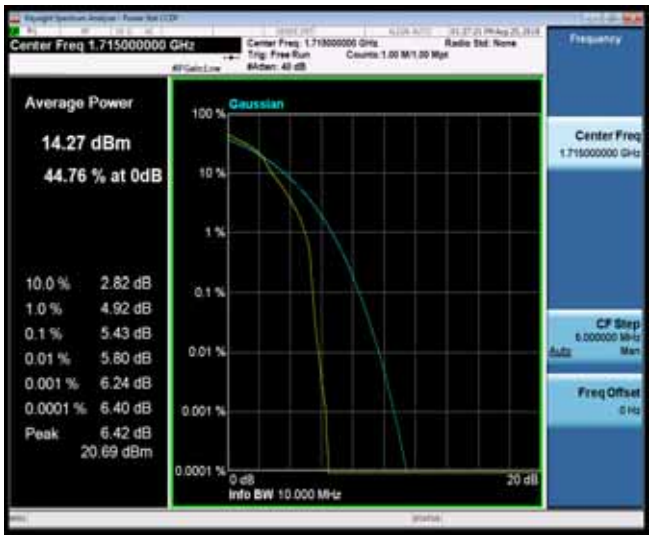
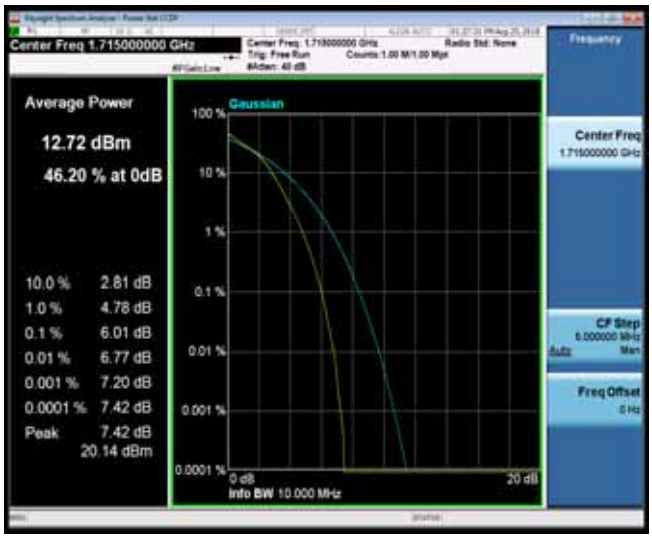


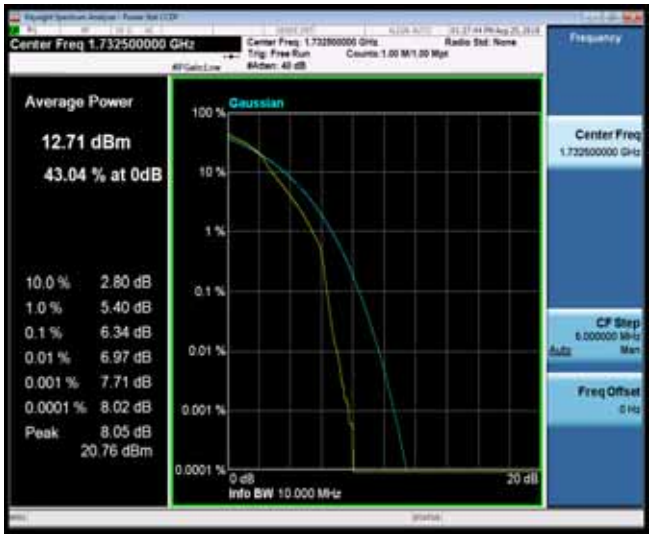
Band4_10MHz_16QAM_20000_1RB#0



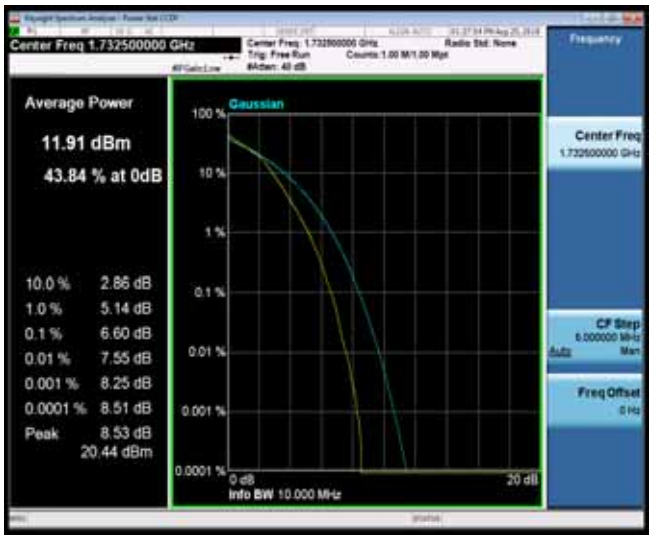
Band4_10MHz_16QAM_20000_50RB#0



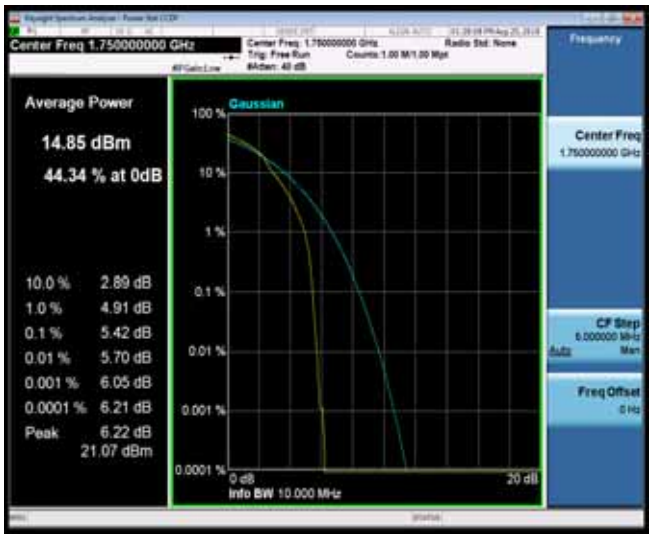
Band4_10MHz_16QAM_20175_1RB#0



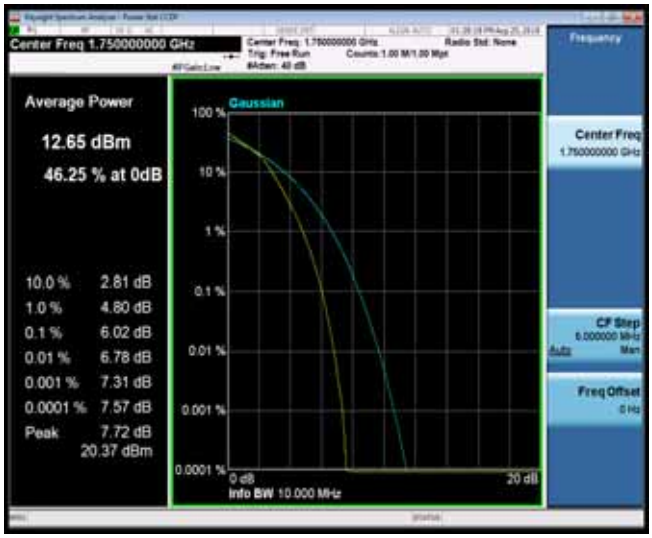
Band4_10MHz_16QAM_20175_50RB#0



Band4_10MHz_16QAM_20350_1RB#0

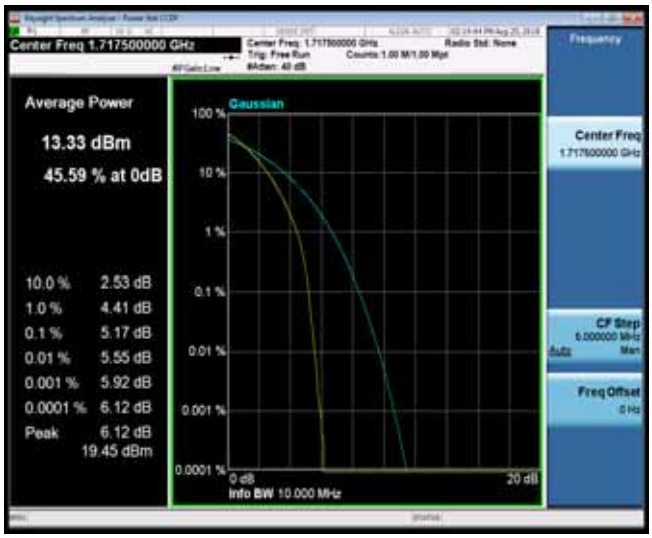


Band4_10MHz_16QAM_20350_50RB#0

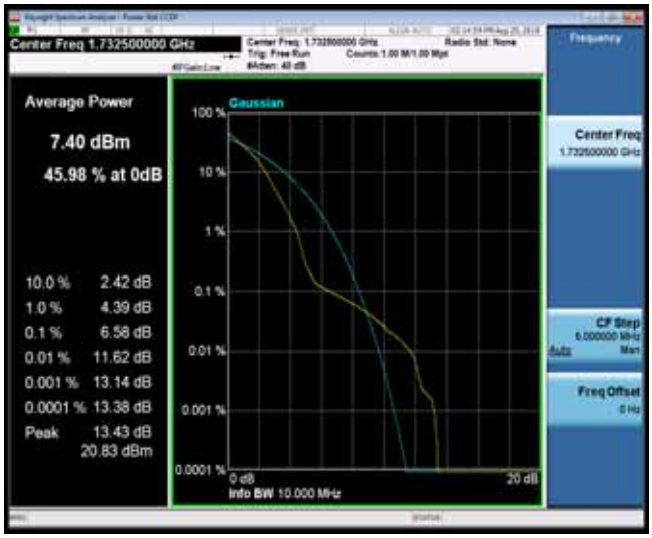


Band4_15MHz_QPSK_20025_1RB#0

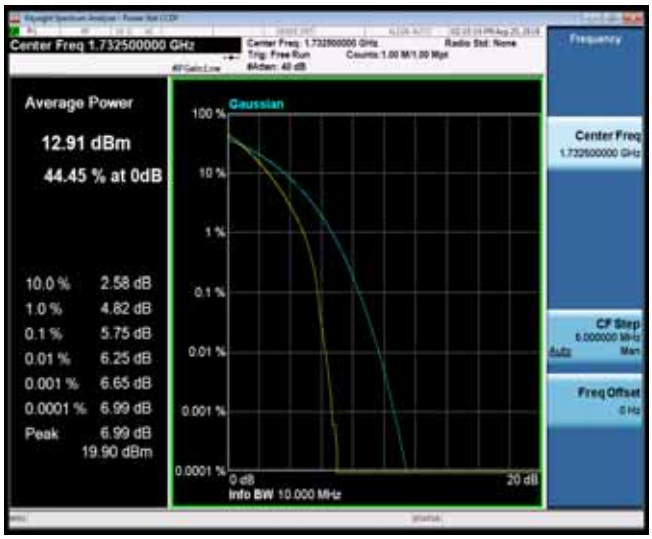
Band4_15MHz_QPSK_20025_75RB#0



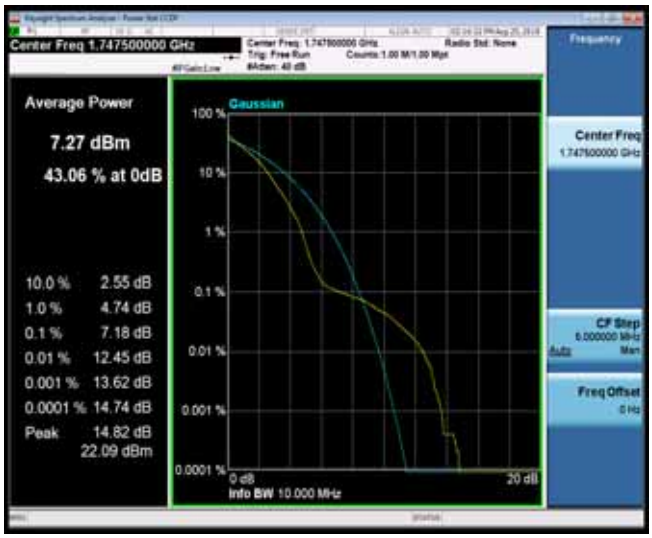
Band4_15MHz_QPSK_20175_1RB#0



Band4_15MHz_QPSK_20175_75RB#0



Band4_15MHz_QPSK_20325_1RB#0



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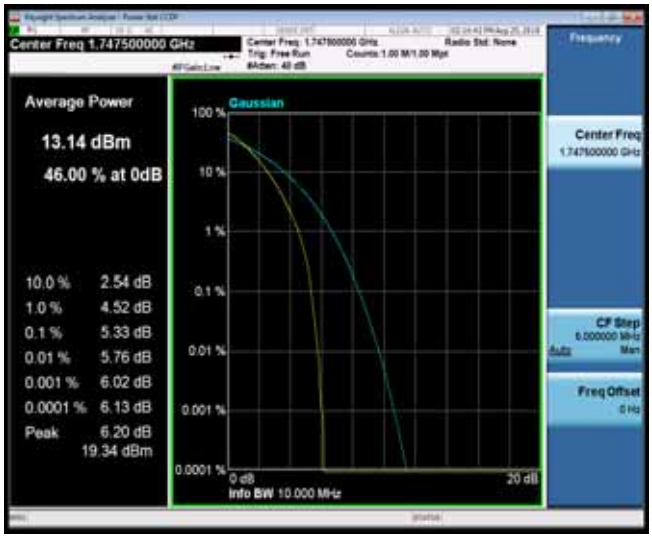
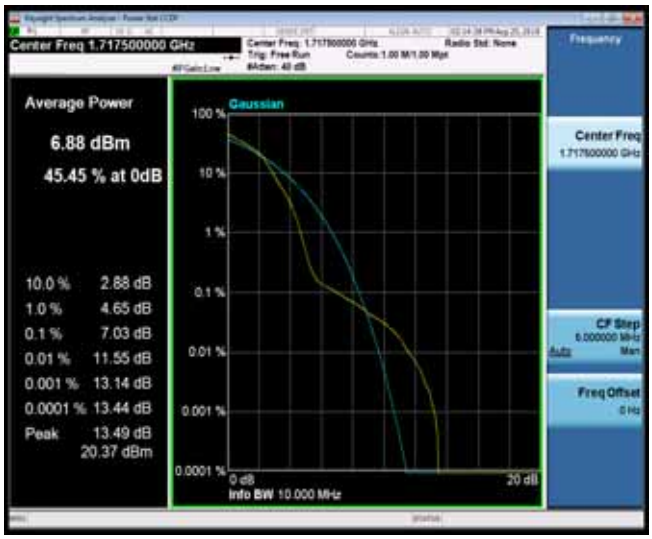
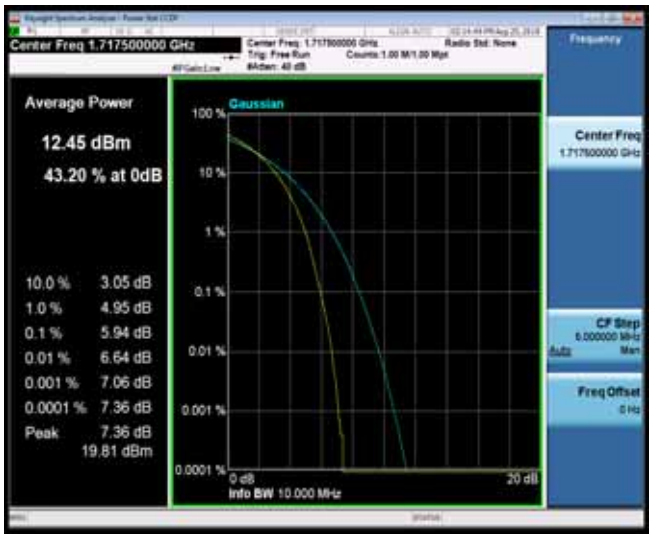


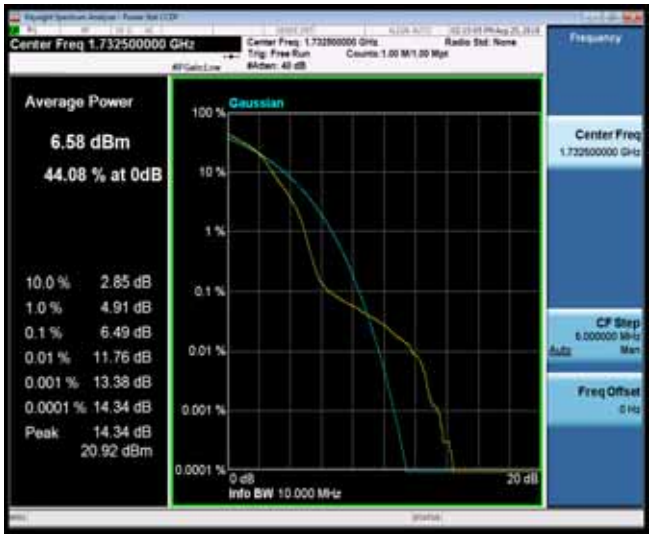
Band4_15MHz_16QAM_20025_1RB#0



Band4_15MHz_16QAM_20025_75RB#0



Band4_15MHz_16QAM_20175_1RB#0



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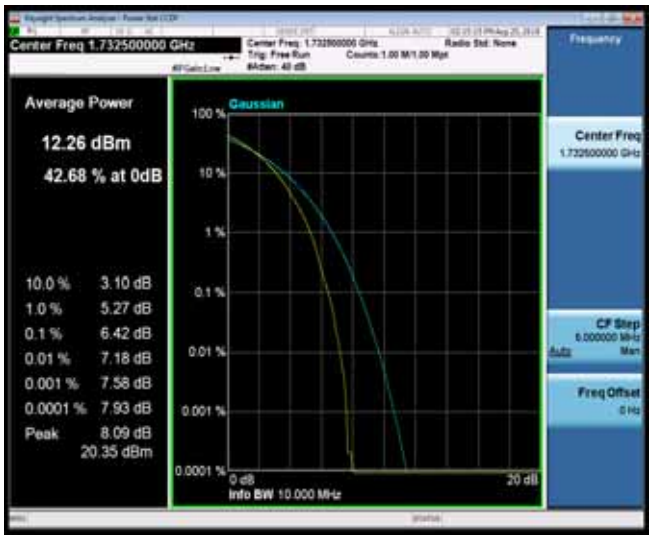

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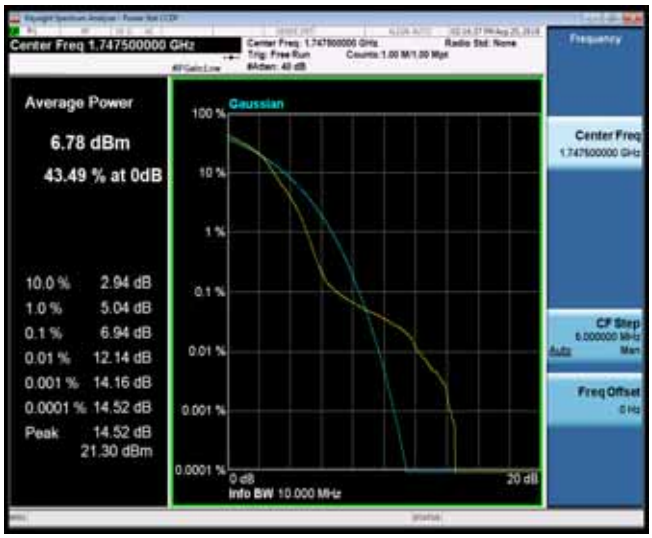

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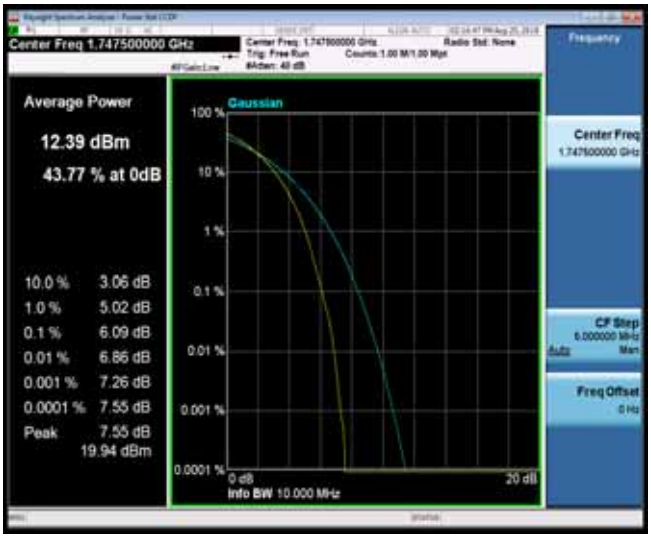
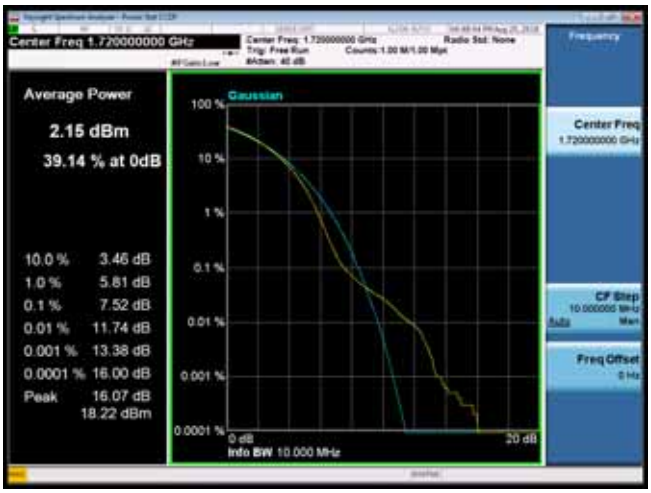
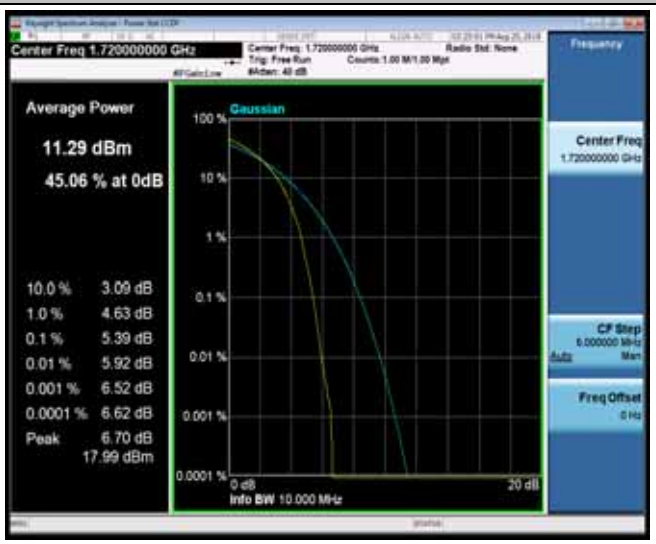


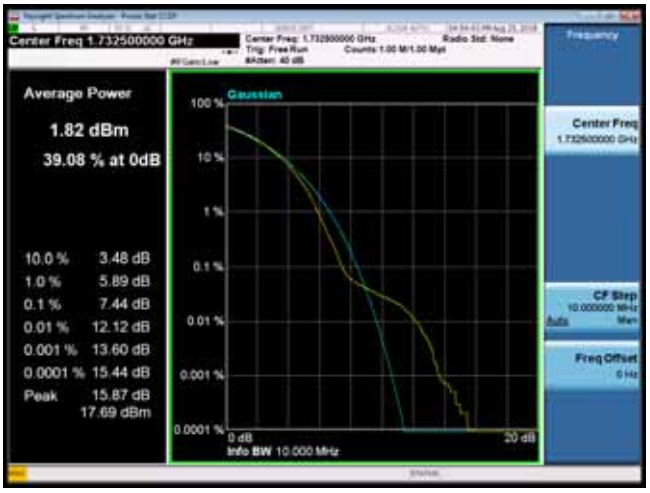
Band4_20MHz_QPSK_20050_1RB#0



Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20175_1RB#0



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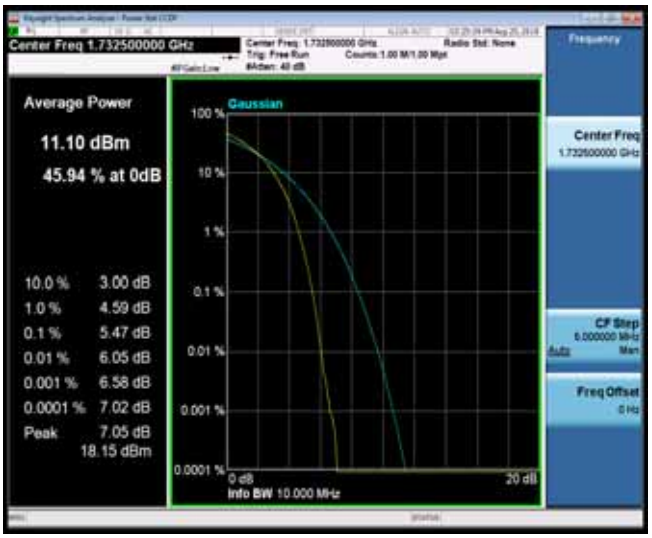

Band4_20MHz_QPSK_20300_1RB#0

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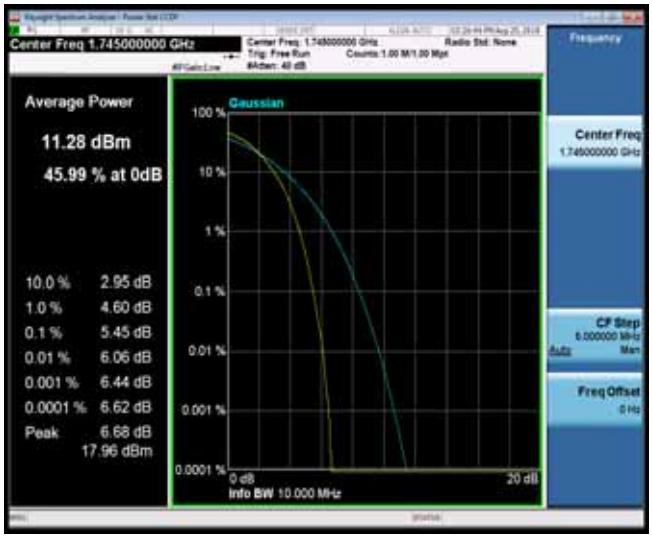

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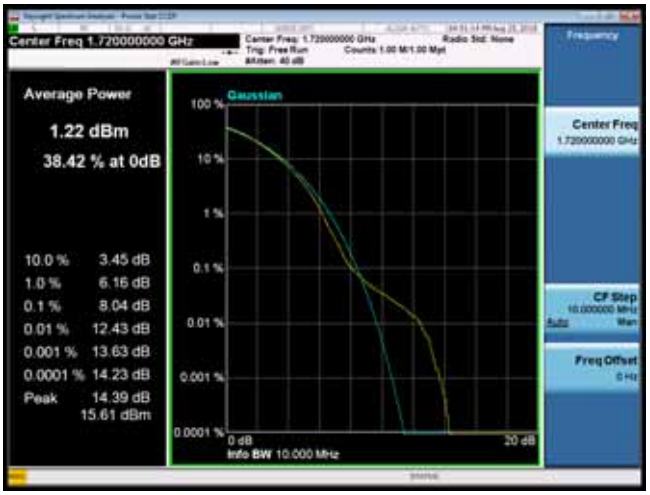
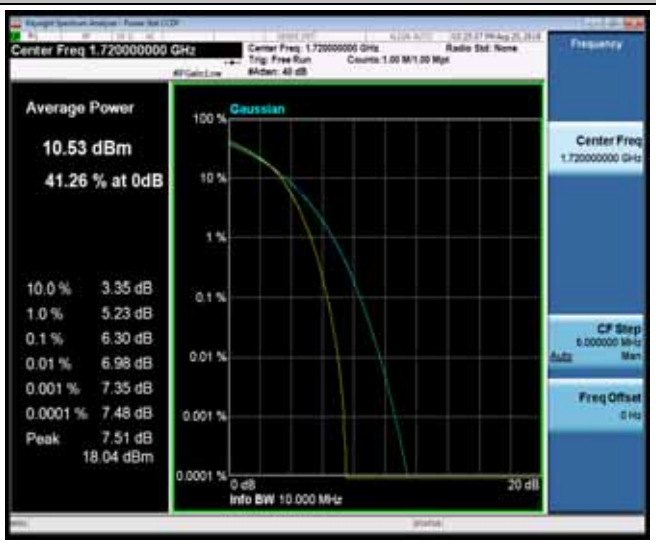


Band4_20MHz_16QAM_20050_100RB#0



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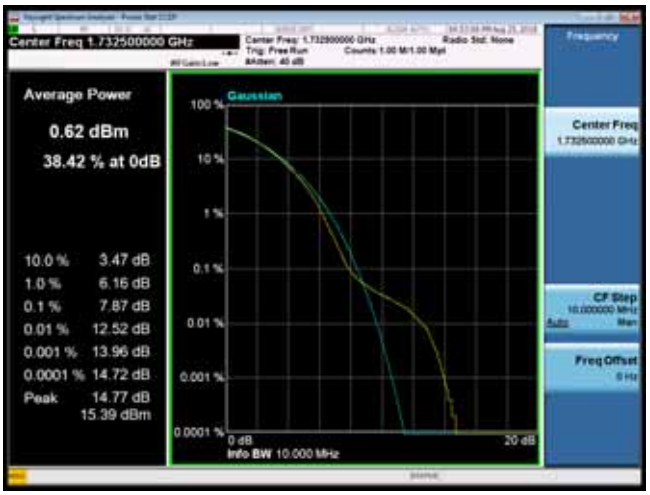

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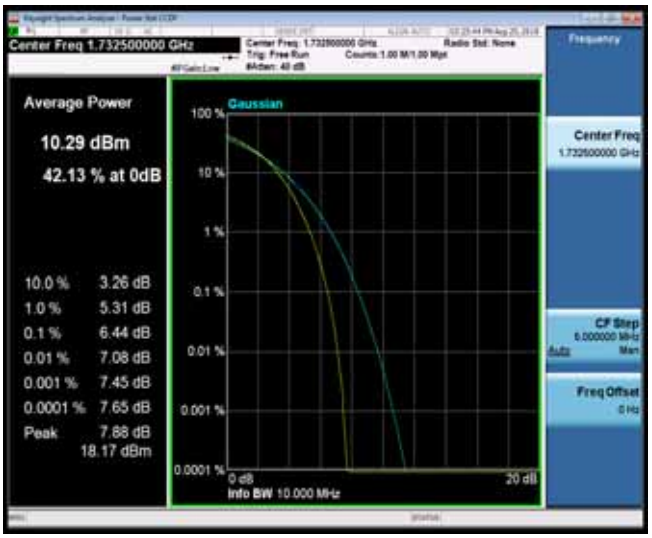
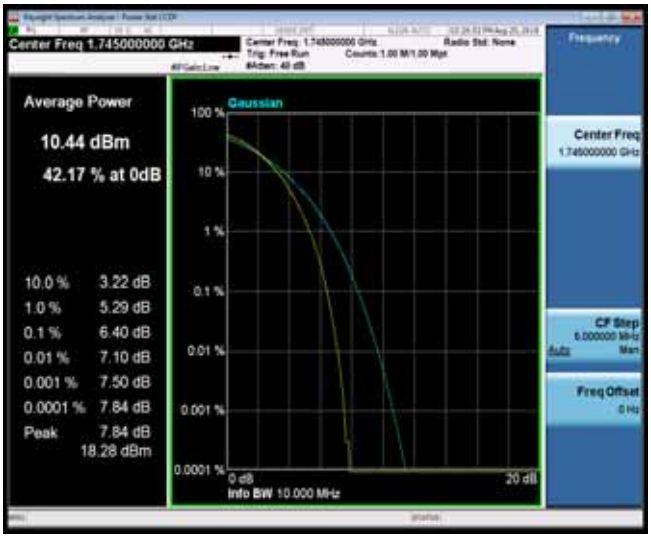


Band4_20MHz_16QAM_20300_1RB#0

Band4_20MHz_16QAM_20300_100RB#0


Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
Atten: 40 dB
Radio Std: None
Counts: 1.00 M/1.00 Mpt
Average Power
10.44 dBm
42.17 % at 0dB
10.0 % 3.22 dB
1.0 % 5.29 dB
0.1 % 6.40 dB
0.01 % 7.10 dB
0.001 % 7.50 dB
0.0001 % 7.84 dB
Peak 7.84 dB
18.28 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 10.000 MHz
Frequency
Center Freq
1.745000000 GHz
CF Step
6.000000 MHz
Auto
Man
Freq Offset
0 Hz