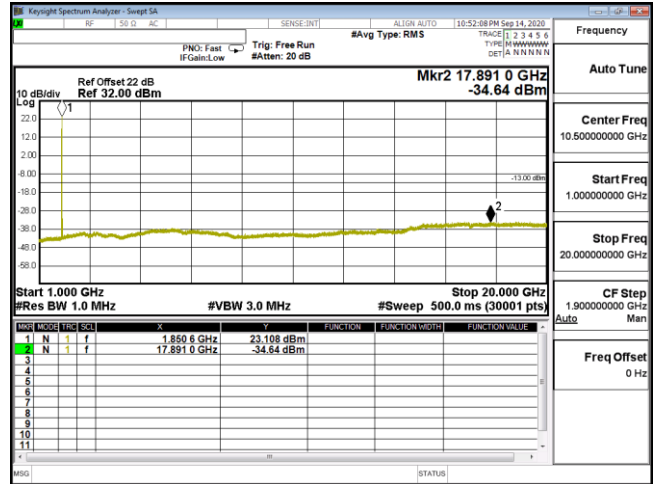
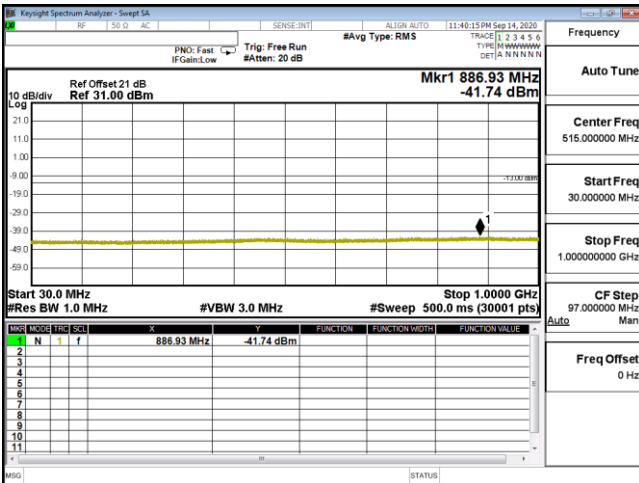


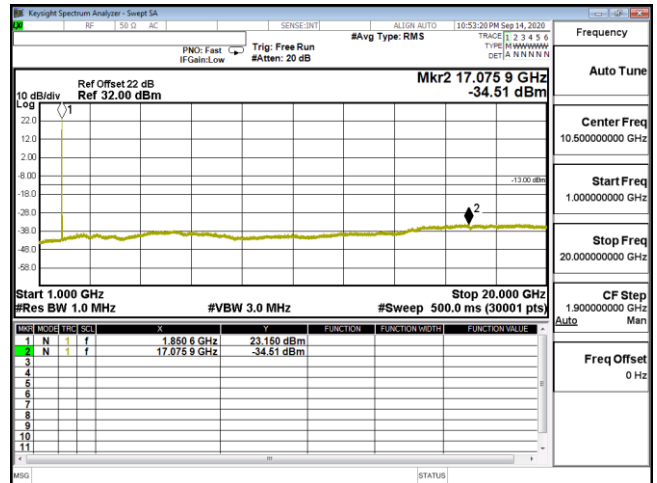
CSE B2 15M CH18675 QPSK(1,0) 30M-1G



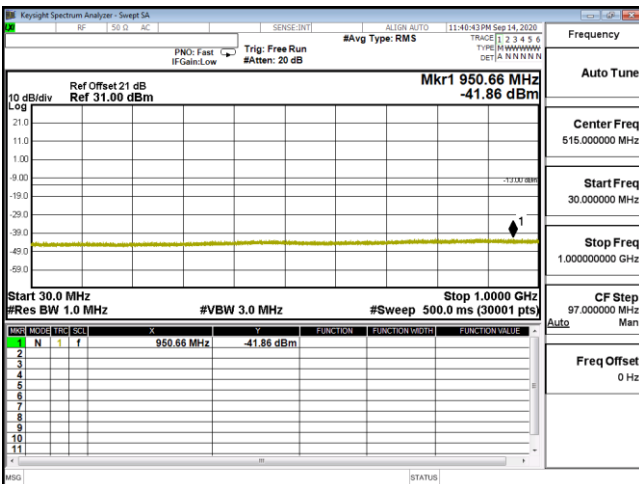
CSE B2 15M CH18675 QPSK(1,0) 1G-20G



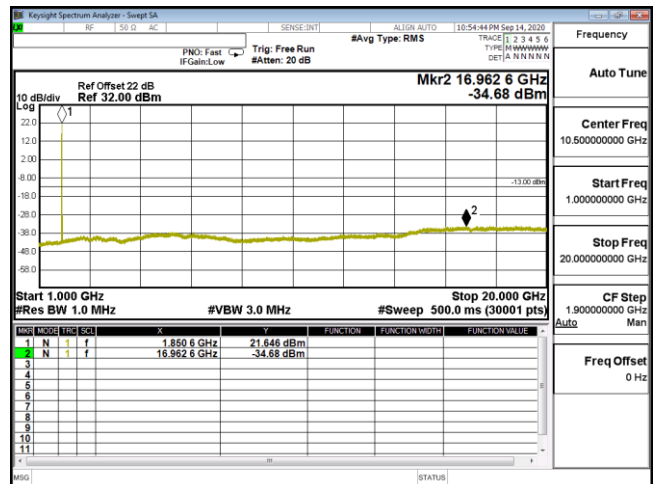
CSE B2 15M CH18675 16QAM(1,0) 30M-1G



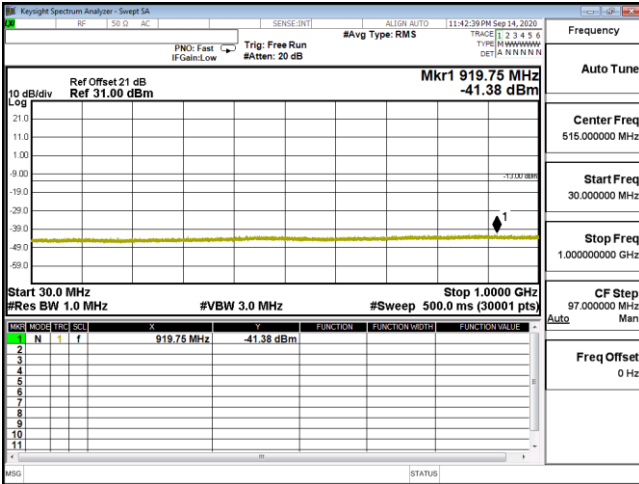
CSE B2 15M CH18675 16QAM(1,0) 1G-20G



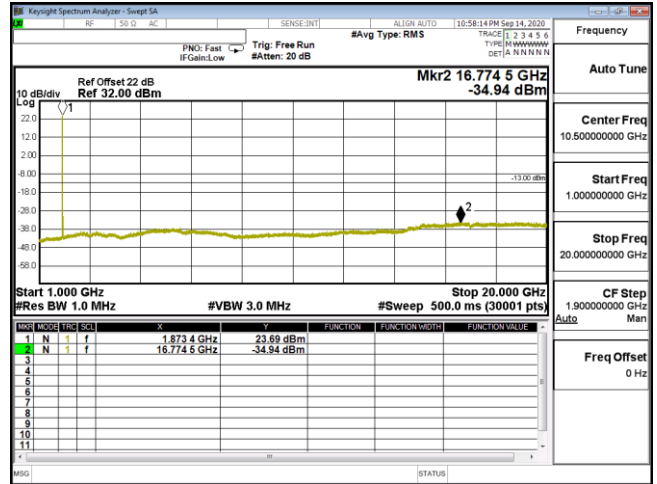
CSE B2 15M CH18675 64QAM(1,0) 30M-1G



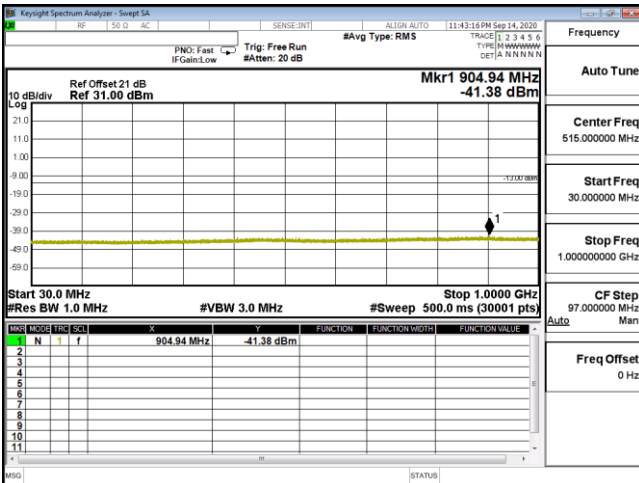
CSE B2 15M CH18675 64QAM(1,0) 1G-20G



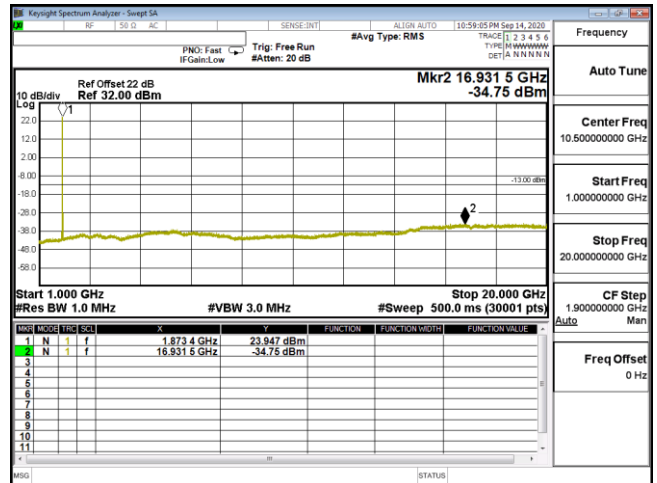
CSE B2 15M CH18900 QPSK(1,0) 30M-1G



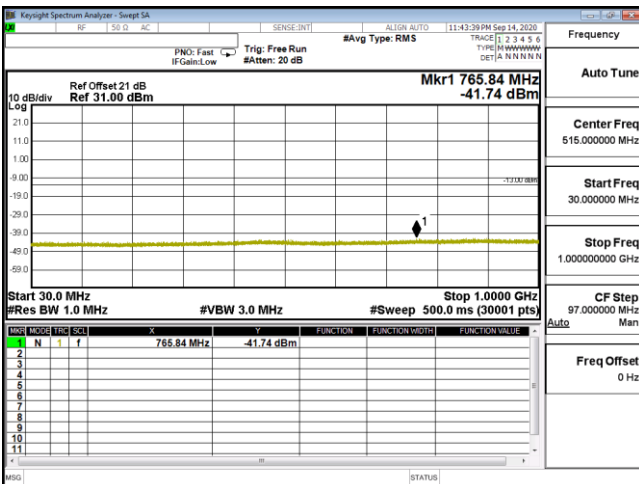
CSE B2 15M CH18900 QPSK(1,0) 1G-20G



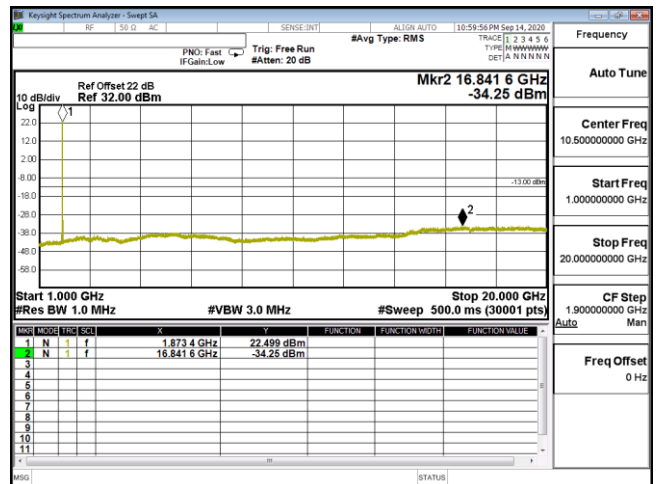
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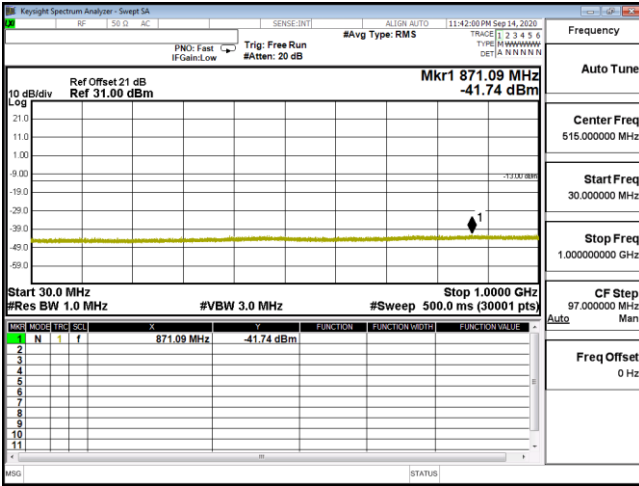
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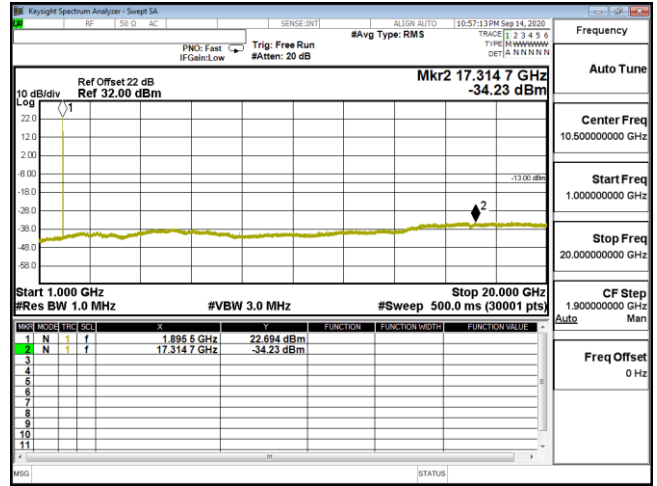
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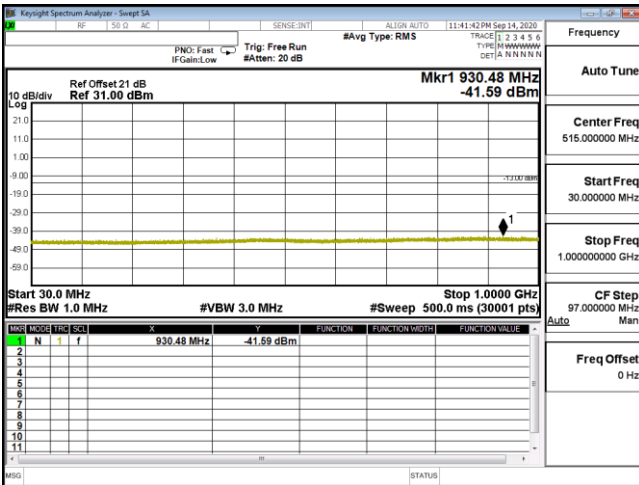
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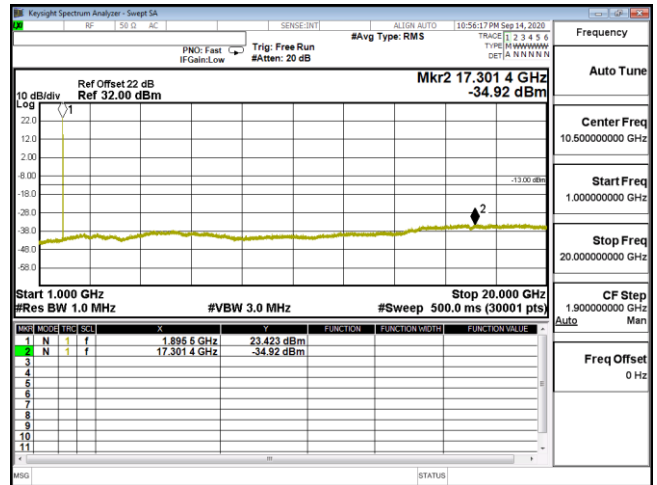
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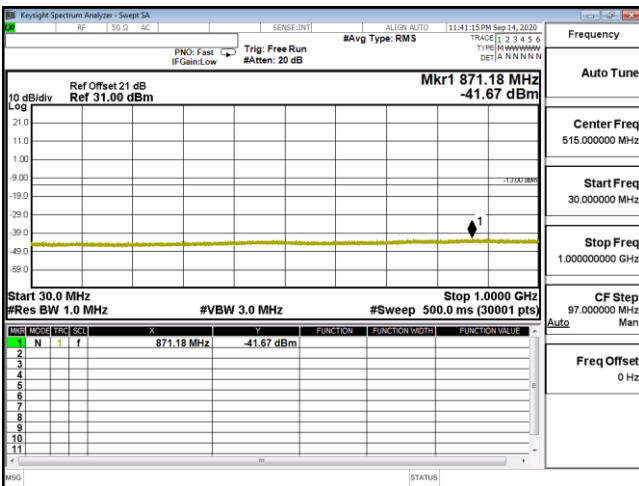
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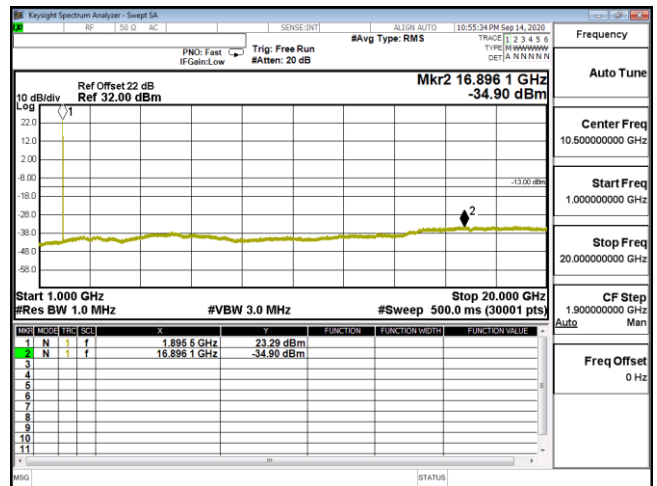
CSE B2 15M CH19125 16QAM(1,0) 30M-1G



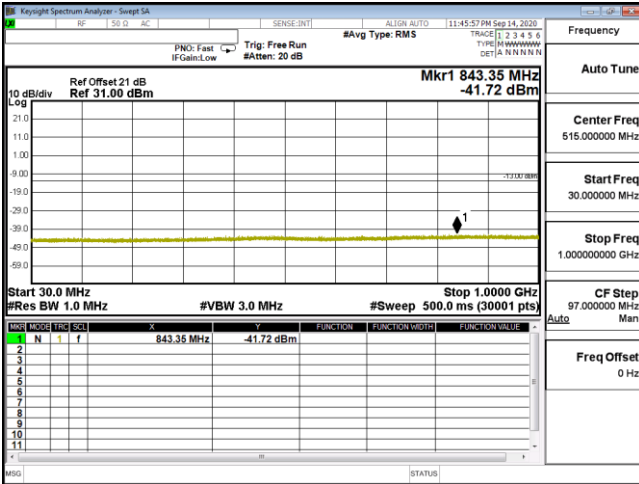
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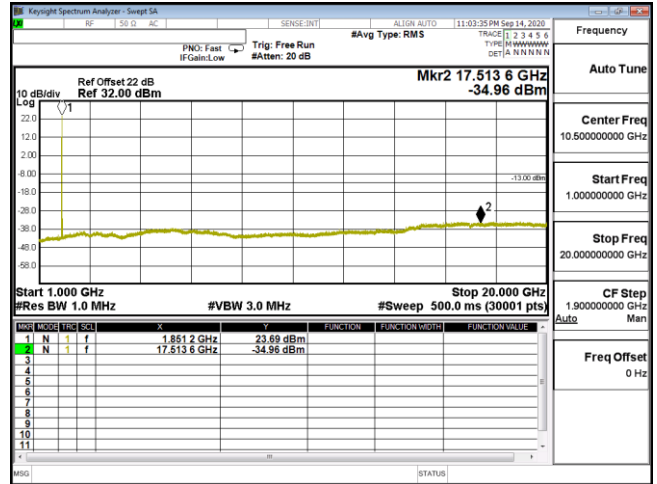
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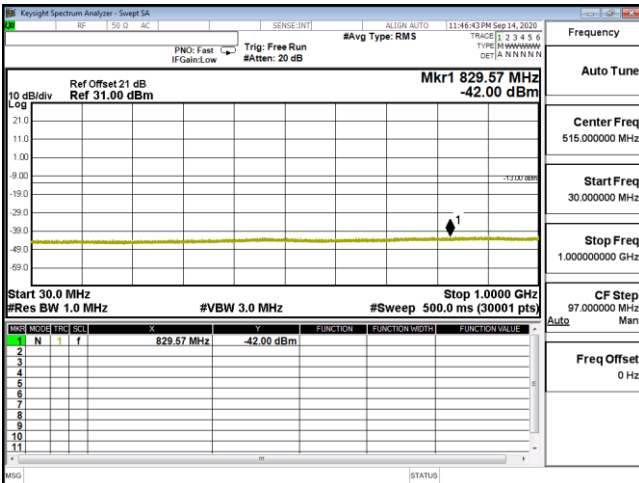
CSE B2 15M CH19125 64QAM(1,0) 1G-20G



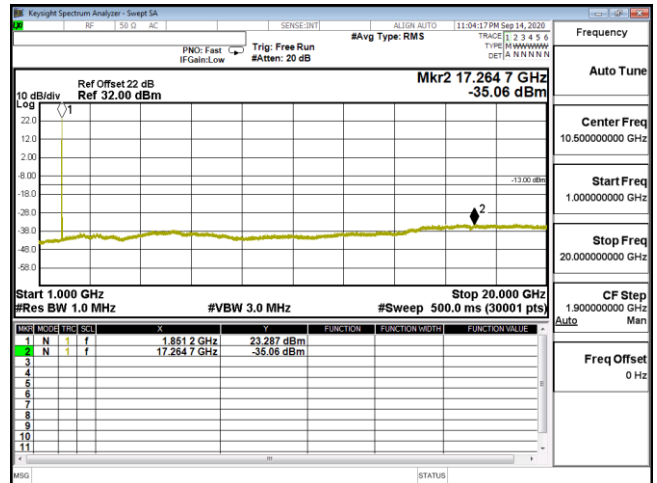
CSE B2 20M CH18700 QPSK(1,0) 30M-1G



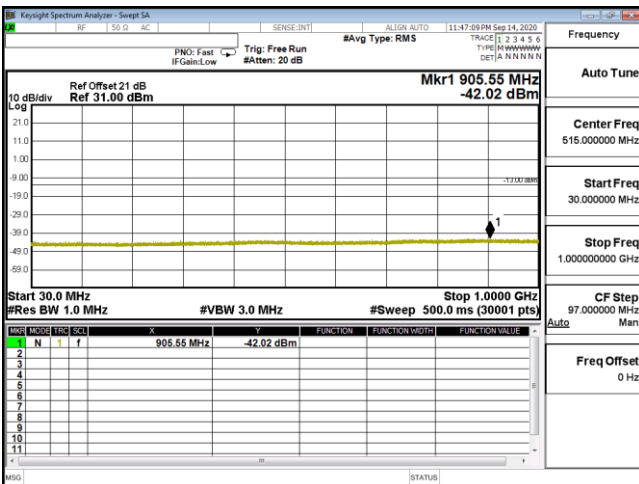
CSE B2 20M CH18700 QPSK(1,0) 1G-20G



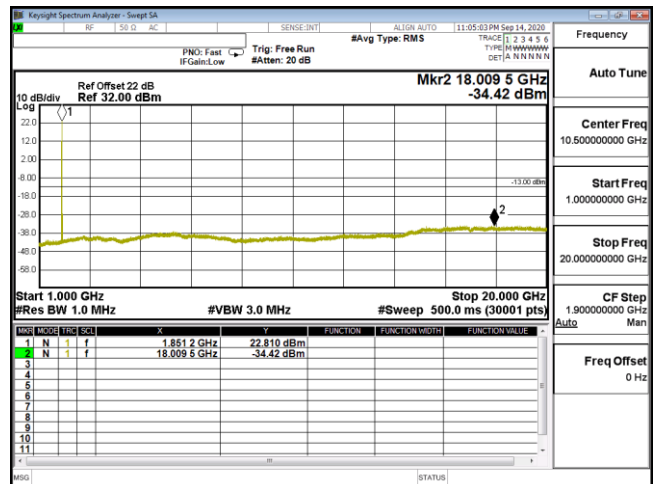
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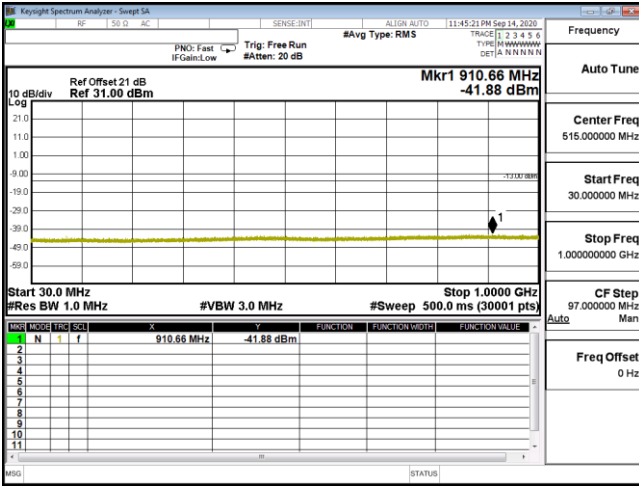
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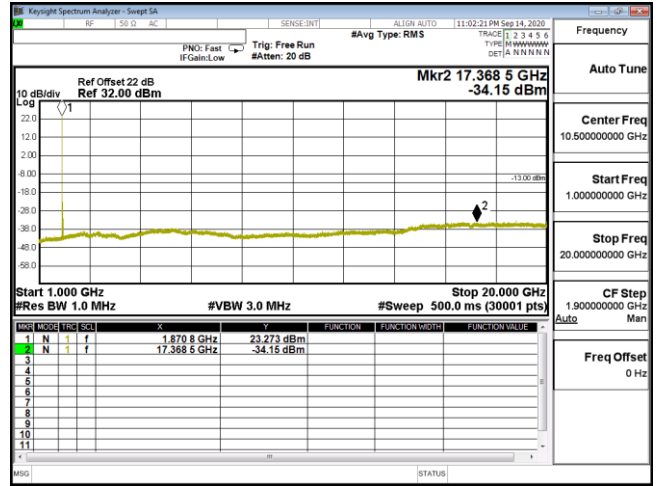
CSE B2 20M CH18700 64QAM(1,0) 30M-1G



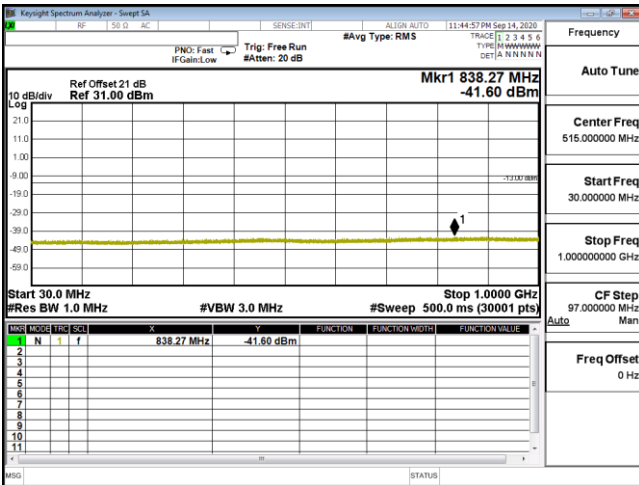
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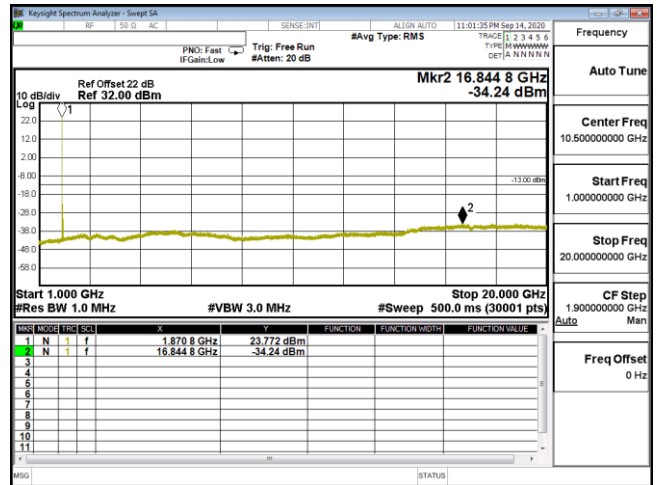
CSE B2 20M CH18900 QPSK(1,0) 30M-1G



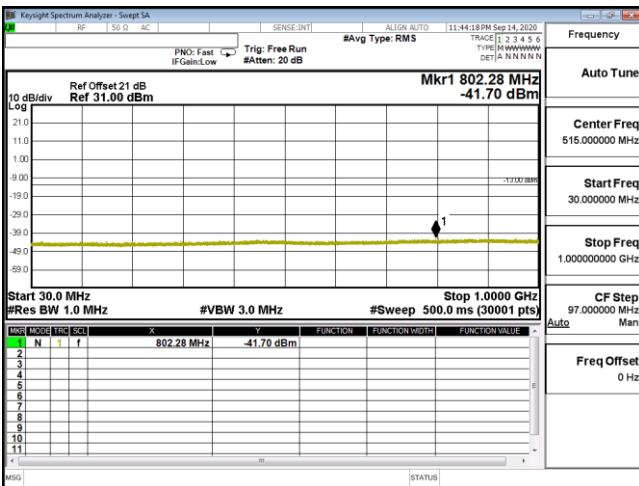
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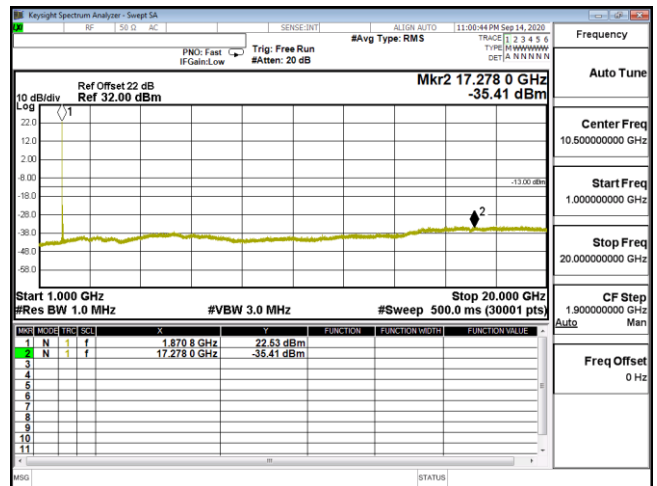
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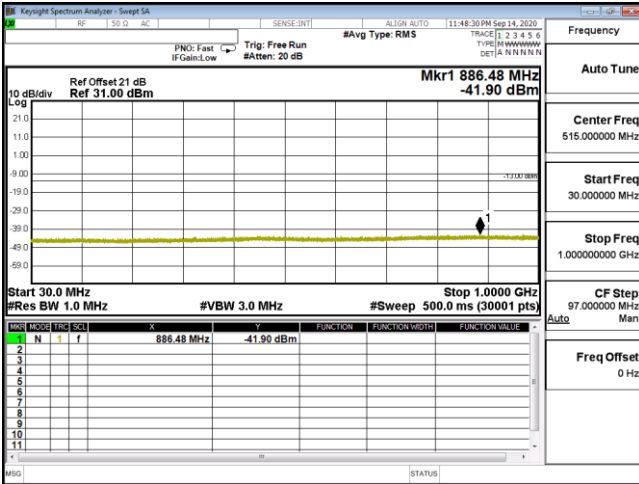
CSE B2 20M CH18900 16QAM(1,0) 1G-20G



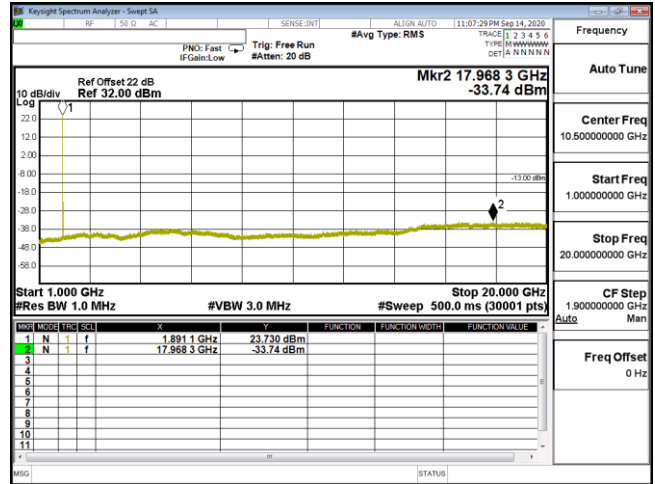
CSE B2 20M CH18900 64QAM(1,0) 30M-1G



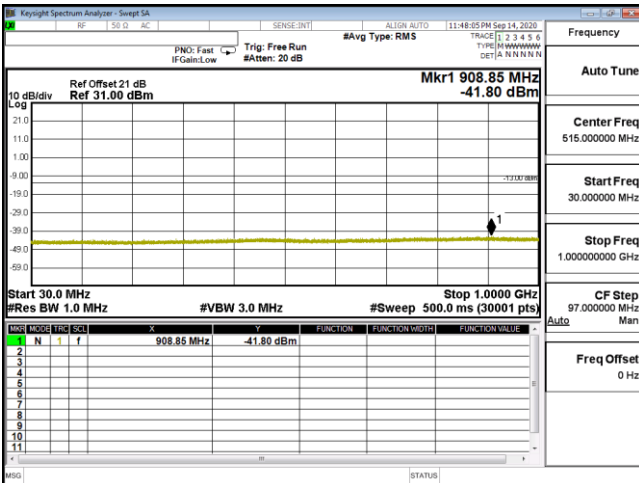
CSE B2 20M CH18900 64QAM(1,0) 1G-20G



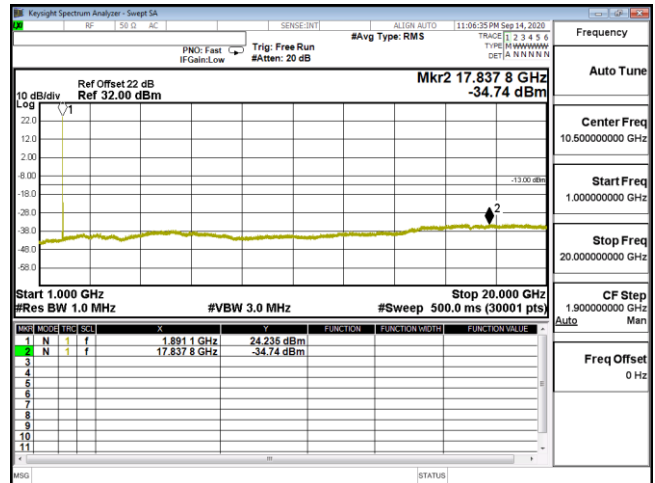
CSE B2 20M CH19100 QPSK(1,0) 30M-1G



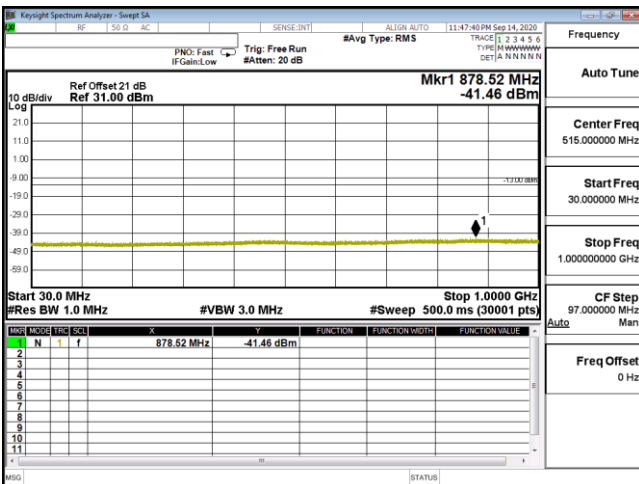
CSE B2 20M CH19100 QPSK(1,0) 1G-20G



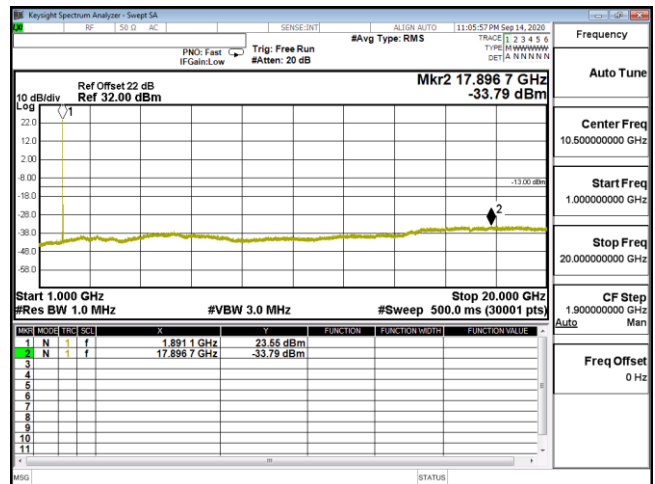
CSE B2 20M CH19100 16QAM(1,0) 30M-1G



CSE B2 20M CH19100 16QAM(1,0) 1G-20G



CSE B2 20M CH19100 64QAM(1,0) 30M-1G



CSE B2 20M CH19100 64QAM(1,0) 1G-20G

Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/09/11	Test Site	Site3
Test Condition	Band 2 (1.4M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	Gain (dBi)	(dBm)	(dBm)
Horizontal	Low	1	2	3701	-52.70	-65.26	2.53	12.6	-55.19	-13
Horizontal	Low	1	2	5552	-56.84	-65.31	3.05	13.1	-55.26	-13
Horizontal	Low	1	2	7403	-57.72	-62.00	3.65	11.5	-54.15	-13
Vertical	Low	1	2	3701	-52.76	-65.63	2.53	12.6	-55.56	-13
Vertical	Low	1	2	5552	-56.78	-65.86	3.05	13.1	-55.81	-13
Vertical	Low	1	2	7403	-57.55	-61.80	3.65	11.5	-53.95	-13

Horizontal	Mid	1	2	3760	-53.61	-65.56	2.53	12.6	-55.49	-13
Horizontal	Mid	1	2	5640	-56.37	-64.51	3.05	13.1	-54.46	-13
Horizontal	Mid	1	2	7520	-56.19	-60.51	3.65	11.5	-52.66	-13
Vertical	Mid	1	2	3760	-54.69	-67.05	2.53	12.6	-56.98	-13
Vertical	Mid	1	2	5640	-55.04	-63.89	3.05	13.1	-53.84	-13
Vertical	Mid	1	2	7520	-56.68	-60.84	3.65	11.5	-52.99	-13

Horizontal	High	1	2	3819	-53.40	-64.89	2.53	12.6	-54.82	-13
Horizontal	High	1	2	5728	-56.96	-64.77	3.05	13.1	-54.72	-13
Horizontal	High	1	2	7637	-56.25	-60.67	3.65	11.5	-52.82	-13
Vertical	High	1	2	3819	-53.46	-65.62	2.53	12.6	-55.55	-13
Vertical	High	1	2	5728	-56.61	-64.70	3.05	13.1	-54.65	-13
Vertical	High	1	2	7637	-56.47	-60.90	3.65	11.5	-53.05	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/09/11	Test Site	Site3
Test Condition	Band 2 (3M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	Gain		
Horizontal	Low	1	7	3703	-52.78	-65.32	2.53	12.6	-55.25	-13
Horizontal	Low	1	7	5555	-57.26	-65.72	3.05	13.1	-55.67	-13
Horizontal	Low	1	7	7406	-57.87	-62.15	3.65	11.5	-54.30	-13
Vertical	Low	1	7	3703	-51.56	-64.41	2.53	12.6	-54.34	-13
Vertical	Low	1	7	5555	-57.33	-66.43	3.05	13.1	-56.38	-13
Vertical	Low	1	7	7406	-58.04	-65.89	3.65	11.5	-54.43	-13

Horizontal	Mid	1	7	3760	-53.63	-65.58	2.53	12.6	-55.51	-13
Horizontal	Mid	1	7	5640	-54.58	-62.72	3.05	13.1	-52.67	-13
Horizontal	Mid	1	7	7520	-56.92	-61.24	3.65	11.5	-53.39	-13
Vertical	Mid	1	7	3760	-53.27	-65.63	2.53	12.6	-55.56	-13
Vertical	Mid	1	7	5640	-55.36	-64.21	3.05	13.1	-54.16	-13
Vertical	Mid	1	7	7520	-56.74	-60.90	3.65	11.5	-53.05	-13

Horizontal	High	1	7	3817	-53.68	-65.18	2.53	12.6	-55.11	-13
Horizontal	High	1	7	5726	-56.52	-64.33	3.05	13.1	-54.28	-13
Horizontal	High	1	7	7634	-56.74	-61.13	3.65	11.5	-53.28	-13
Vertical	High	1	7	3817	-52.53	-64.68	2.53	12.6	-54.61	-13
Vertical	High	1	7	5726	-55.99	-64.07	3.05	13.1	-54.02	-13
Vertical	High	1	7	7634	-56.46	-60.89	3.65	11.5	-53.04	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/09/11	Test Site	Site3
Test Condition	Band 2 (5M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	Gain		
Horizontal	Low	1	0	3705	-53.41	-65.93	2.53	12.6	-55.86	-13
Horizontal	Low	1	0	5558	-56.32	-64.77	3.05	13.1	-54.72	-13
Horizontal	Low	1	0	7410	-57.46	-61.75	3.65	11.5	-53.90	-13
Vertical	Low	1	0	3705	-53.75	-66.59	2.53	12.6	-56.52	-13
Vertical	Low	1	0	5558	-56.94	-66.06	3.05	13.1	-56.01	-13
Vertical	Low	1	0	7410	-57.74	-61.97	3.65	11.5	-54.12	-13

Horizontal	Mid	1	0	3760	-53.40	-65.35	2.53	12.6	-55.28	-13
Horizontal	Mid	1	0	5640	-55.98	-64.12	3.05	13.1	-54.07	-13
Horizontal	Mid	1	0	7520	-55.62	-59.94	3.65	11.5	-52.09	-13
Vertical	Mid	1	0	3760	-53.92	-66.28	2.53	12.6	-56.21	-13
Vertical	Mid	1	0	5640	-55.52	-64.37	3.05	13.1	-54.32	-13
Vertical	Mid	1	0	7520	-56.92	-61.08	3.65	11.5	-53.23	-13

Horizontal	High	1	0	3815	-54.67	-66.17	2.53	12.6	-56.10	-13
Horizontal	High	1	0	5723	-56.05	-63.85	3.05	13.1	-53.80	-13
Horizontal	High	1	0	7630	-56.79	-61.16	3.65	11.5	-53.31	-13
Vertical	High	1	0	3815	-54.08	-66.21	2.53	12.6	-56.14	-13
Vertical	High	1	0	5723	-56.87	-64.95	3.05	13.1	-54.90	-13
Vertical	High	1	0	7630	-56.44	-60.88	3.65	11.5	-53.03	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/09/11	Test Site	Site3
Test Condition	Band 2 (10M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	Gain		
Horizontal	Low	1	0	3710	-53.84	-66.31	2.53	12.6	-56.24	-13
Horizontal	Low	1	0	5565	-55.86	-64.30	3.05	13.1	-54.25	-13
Horizontal	Low	1	0	7420	-57.50	-61.80	3.65	11.5	-53.95	-13
Vertical	Low	1	0	3710	-53.52	-66.31	2.53	12.6	-56.24	-13
Vertical	Low	1	0	5565	-57.14	-66.30	3.05	13.1	-56.25	-13
Vertical	Low	1	0	7420	-57.51	-61.73	3.65	11.5	-53.88	-13

Horizontal	Mid	1	0	3760	-53.44	-65.39	2.53	12.6	-55.32	-13
Horizontal	Mid	1	0	5640	-56.36	-64.50	3.05	13.1	-54.45	-13
Horizontal	Mid	1	0	7520	-56.69	-61.01	3.65	11.5	-53.16	-13
Vertical	Mid	1	0	3760	-52.77	-65.13	2.53	12.6	-55.06	-13
Vertical	Mid	1	0	5640	-56.41	-65.26	3.05	13.1	-55.21	-13
Vertical	Mid	1	0	7520	-56.17	-60.33	3.65	11.5	-52.48	-13

Horizontal	High	1	0	3810	-54.47	-65.98	2.53	12.6	-55.91	-13
Horizontal	High	1	0	5715	-56.56	-64.36	3.05	13.1	-54.31	-13
Horizontal	High	1	0	7620	-55.85	-60.15	3.65	11.5	-52.30	-13
Vertical	High	1	0	3810	-54.45	-66.54	2.53	12.6	-56.47	-13
Vertical	High	1	0	5715	-56.67	-64.74	3.05	13.1	-54.69	-13
Vertical	High	1	0	7620	-56.72	-61.16	3.65	11.5	-53.31	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/09/11	Test Site	Site3
Test Condition	Band 2 (15M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	Gain		
Horizontal	Low	1	0	3715	-54.25	-66.66	2.53	12.6	-56.59	-13
Horizontal	Low	1	0	5573	-54.78	-63.20	3.05	13.1	-53.15	-13
Horizontal	Low	1	0	7430	-56.95	-61.25	3.65	11.5	-53.40	-13
Vertical	Low	1	0	3715	-53.97	-66.72	2.53	12.6	-56.65	-13
Vertical	Low	1	0	5573	-55.80	-65.01	3.05	13.1	-54.96	-13
Vertical	Low	1	0	7430	-57.18	-61.38	3.65	11.5	-53.53	-13
Horizontal	Mid	1	0	3760	-53.61	-65.56	2.53	12.6	-55.49	-13
Horizontal	Mid	1	0	5640	-55.52	-63.66	3.05	13.1	-53.61	-13
Horizontal	Mid	1	0	7520	-56.64	-60.96	3.65	11.5	-53.11	-13
Vertical	Mid	1	0	3760	-53.94	-66.30	2.53	12.6	-56.23	-13
Vertical	Mid	1	0	5640	-56.49	-65.34	3.05	13.1	-55.29	-13
Vertical	Mid	1	0	7520	-57.01	-61.17	3.65	11.5	-53.32	-13
Horizontal	High	1	0	3805	-54.40	-65.92	2.53	12.6	-55.85	-13
Horizontal	High	1	0	5708	-56.95	-64.74	3.05	13.1	-54.69	-13
Horizontal	High	1	0	7610	-56.05	-60.29	3.65	11.5	-52.44	-13
Vertical	High	1	0	3805	-54.88	-66.93	2.53	12.6	-56.86	-13
Vertical	High	1	0	5708	-56.92	-64.99	3.05	13.1	-54.94	-13
Vertical	High	1	0	7610	-57.62	-62.07	3.65	11.5	-54.22	-13

Note:

1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Spurious Emission (Radiated) - Multi Band Dipole Antenna (STAF)		
Date of Test	2020/09/11	Test Site	Site3
Test Condition	Band 2 (20M) QPSK	Test Range	9kHz ~20GHz

Polarity	CH	RB No.	RB Offset	Frequency	Reading Level	Signal Generator Level	Cable Loss	Antenna	EIRP Value	Limit
				(GHz)	(dBm)	(dBm)	(dB)	Gain		
Horizontal	Low	1	0	3720	-53.71	-66.07	2.53	12.6	-56.00	-13
Horizontal	Low	1	0	5580	-56.98	-65.39	3.05	13.1	-55.34	-13
Horizontal	Low	1	0	7440	-57.60	-61.91	3.65	11.5	-54.06	-13
Vertical	Low	1	0	3720	-54.31	-67.02	2.53	12.6	-56.95	-13
Vertical	Low	1	0	5580	-55.66	-64.92	3.05	13.1	-54.87	-13
Vertical	Low	1	0	7440	-57.20	-61.38	3.65	11.5	-53.53	-13
Horizontal	Mid	1	0	3760	-54.28	-66.23	2.53	12.6	-56.16	-13
Horizontal	Mid	1	0	5640	-56.25	-64.39	3.05	13.1	-54.34	-13
Horizontal	Mid	1	0	7520	-56.87	-61.19	3.65	11.5	-53.34	-13
Vertical	Mid	1	0	3760	-53.93	-66.29	2.53	12.6	-56.22	-13
Vertical	Mid	1	0	5640	-57.09	-65.94	3.05	13.1	-55.89	-13
Vertical	Mid	1	0	7520	-57.04	-61.20	3.65	11.5	-53.35	-13
Horizontal	High	1	0	3800	-54.09	-65.62	2.53	12.6	-55.55	-13
Horizontal	High	1	0	5700	-56.63	-64.42	3.05	13.1	-54.37	-13
Horizontal	High	1	0	7600	-57.54	-61.71	3.65	11.5	-53.86	-13
Vertical	High	1	0	3800	-54.79	-66.80	2.53	12.6	-56.73	-13
Vertical	High	1	0	5700	-55.56	-63.62	3.05	13.1	-53.57	-13
Vertical	High	1	0	7600	-57.21	-61.67	3.65	11.5	-53.82	-13

Note:

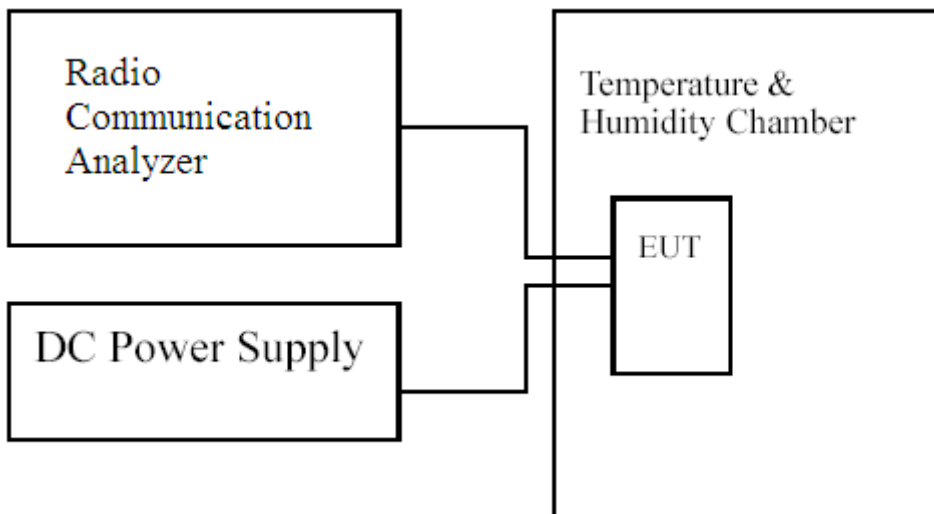
1. Receiver setting (Peak Detector) : RBW:1MHz; VBW:3MHz
2. EIRP Value = Signal Generator Level + Antenna Gain - Cable Loss
3. Spurious emissions past 8 GHz are not shown, due to the magnitude of spurious emissions attenuated more than 20 dB below the limit.

7. Frequency Stability Under Temperature & Voltage Variations

7.1. Test Specification

According to Part 2.1055, 24.235

7.2. Test Setup



7.3. Limits

Limit	$<\pm 2.5\text{ppm}$
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7.4. Test Procedure

The frequency stability of transmitter is measured by:

- Temperature: The temperature is varied from -30°C to 50°C in 10°C increment using a standard temperature & Humidity chamber.
- Primary Supply Voltage: The primary supply voltage is varied 85% to 115% of the nominal value for non hand-carried equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating endpoint which shall be specified by the manufacturer.

The EUT was connected via the base station simulator. Universal Radio Communication Tester, was used to measure The Frequency Error. The maximum result of measurements was recorded.

7.5. Test Result of Frequency Stability Under Temperature Variations

Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Frequency Stability Under Temperature Variations & Voltage Variations		
Date of Test	2020/09/10	Test Site	CTR
Test Condition	Band 2 CH18900(1880MHz) –QPSK	Test Range	-30°C~+50°C

Frequency Stability Under Temperature Variations

Temperature Interval(°C)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
-30	Mid	-0.0118	0.0204	0.0162	0.0147	0.0162	0.0131	±4.70
-20	Mid	0.0113	0.0150	0.0185	0.0121	0.0138	0.0149	±4.70
-10	Mid	-0.0103	0.0162	0.0119	0.0127	0.0135	0.0167	±4.70
0	Mid	-0.0081	0.0158	0.0164	0.0142	0.0153	0.0158	±4.70
10	Mid	-0.0113	0.0166	0.0125	0.0140	0.0161	0.0149	±4.70
20	Mid	-0.0091	0.0156	0.0118	0.0137	0.0169	0.0166	±4.70
30	Mid	-0.0096	0.0174	0.0136	0.0115	0.0111	0.0152	±4.70
40	Mid	0.0227	0.0134	0.0153	0.0150	0.0110	0.0122	±4.70
50	Mid	-0.0116	0.0173	0.0156	0.0147	0.0141	0.0146	±4.70

Voltage Variations

DC Voltage (V)	Test Channel	Deviation (kHz)						Limit (kHz)
		1.4M	3M	5M	10M	15M	20M	
138	Mid	0.0114	0.0132	0.0190	0.0129	0.0160	0.0129	±4.70
120	Mid	-0.0091	0.0156	0.0118	0.0137	0.0169	0.0166	±4.70
102	Mid	-0.0141	0.0178	0.0187	0.0108	0.0123	0.0125	±4.70

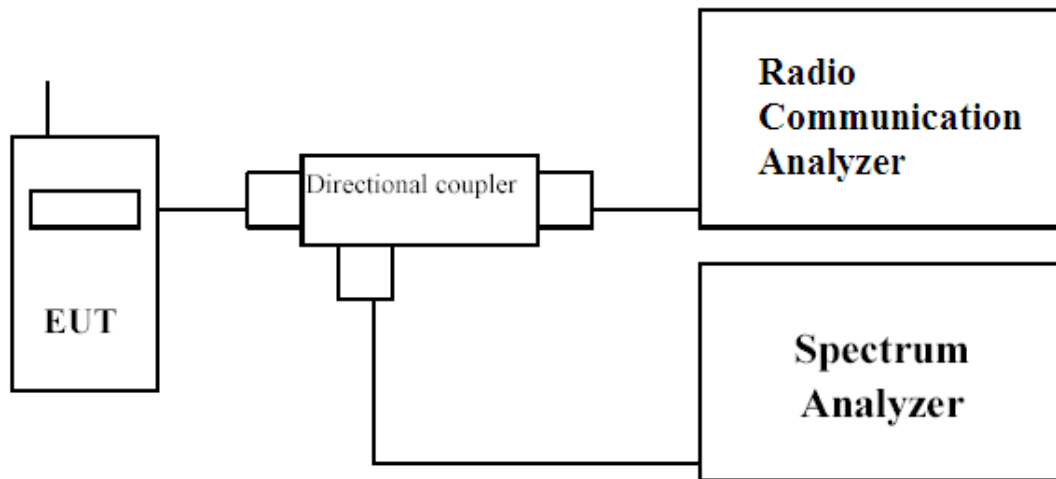
AC Current (A)	1.4M	3M	5M	10M	15M	20M
LINK:	0.16	0.16	0.16	0.16	0.16	0.16
IDLE:	0.11	0.11	0.11	0.11	0.11	0.11

8. Peak to Average Ratio

8.1 Test Specification

According to Part 24.232

8.1. Test Setup



8.2. Limits

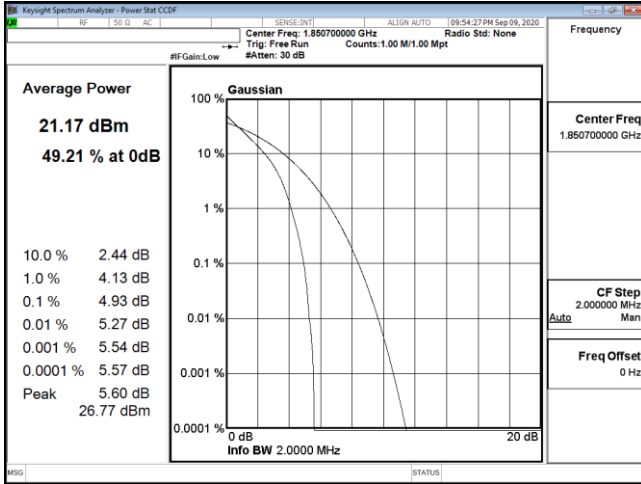
The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure.

8.3. Test Procedure

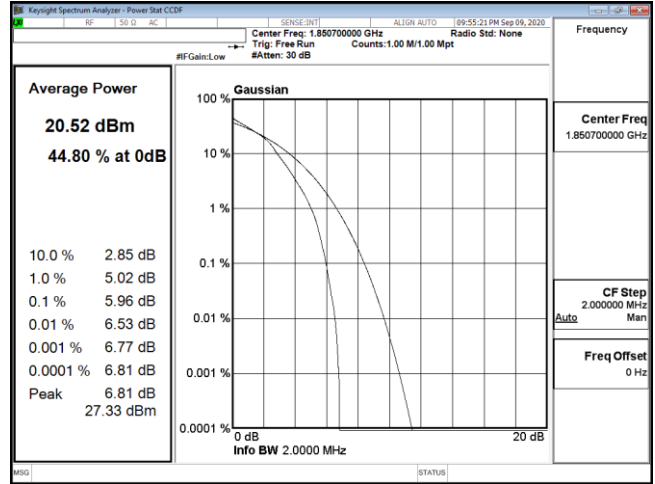
- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Set the measurement interval as follows:
 - 1) for continuous transmissions, set to 1 ms,
 - 2) for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.
- e) Record the maximum PAPR level associated with a probability of 0.1%.

8.4. Test Result of Spurious Emission

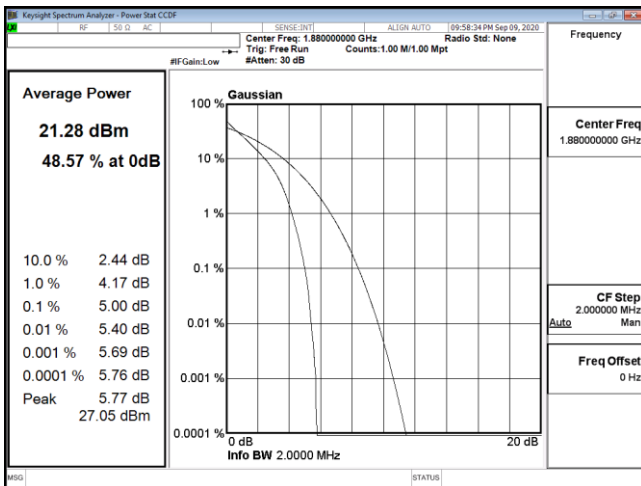
Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Peak to Average Ratio		
Date of Test	2020/09/09	Test Site	CTR
Test Condition	LTE-Band 2 QPSK/16QAM/64QAM		



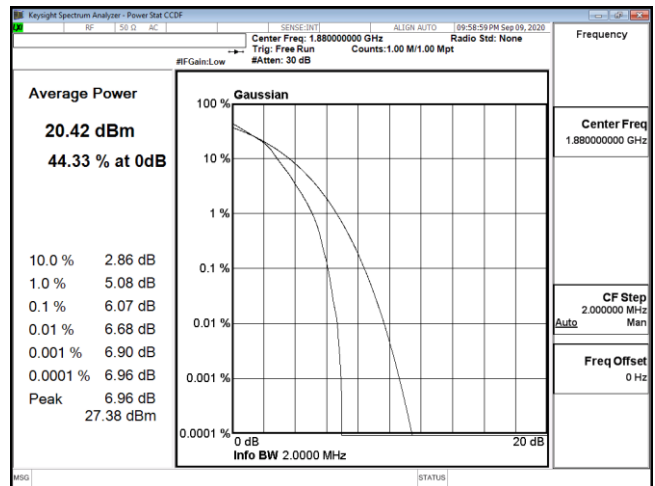
PTAR B2 1.4M CH18607 QPSK



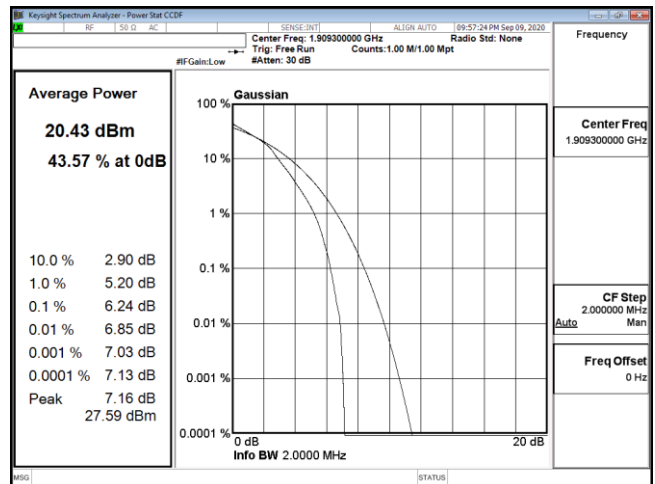
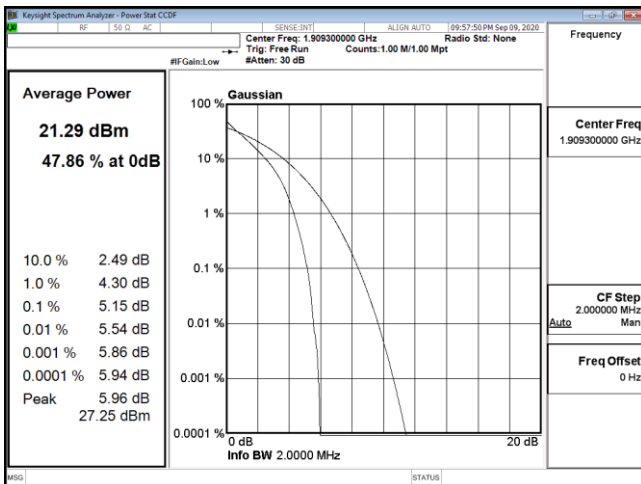
PTAR B2 1.4M CH18607 16QAM



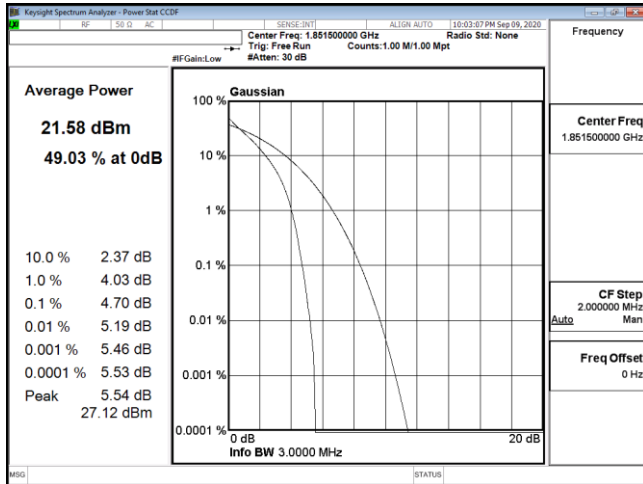
PTAR B2 1.4M CH18900 QPSK



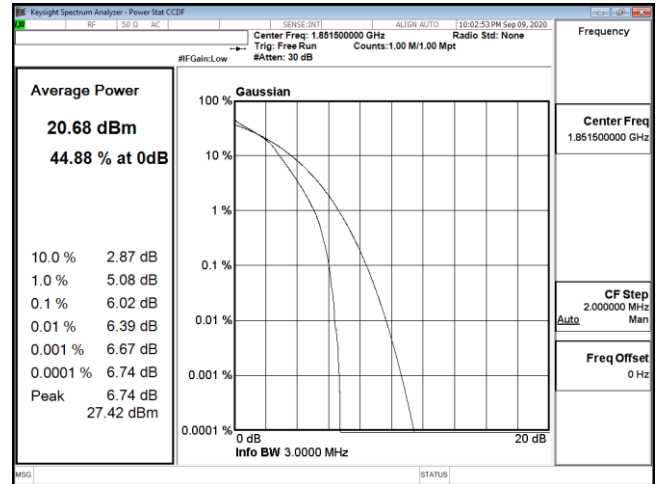
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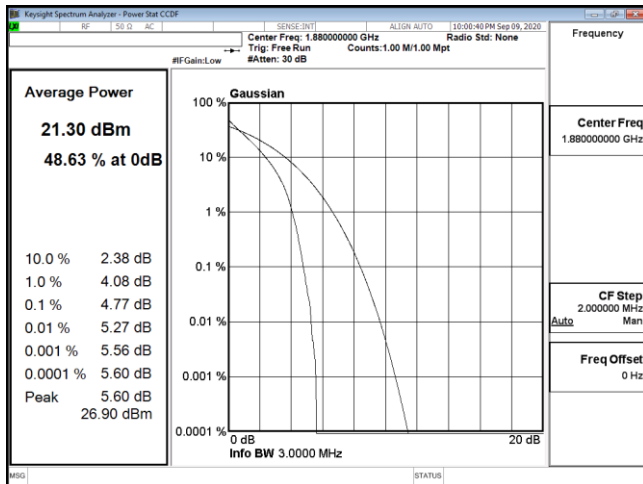
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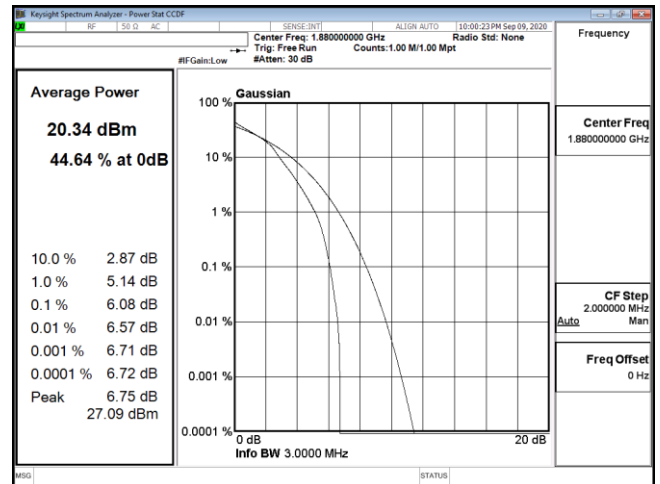
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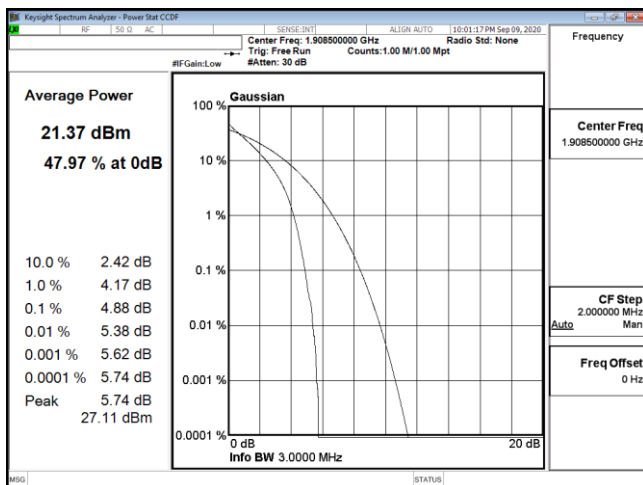
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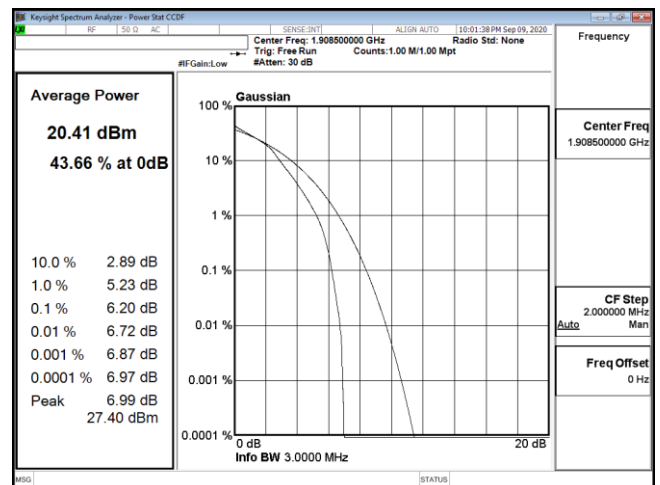
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PTAR B2 3M CH18900 QPSK



PTAR B2 3M CH18900 16QAM

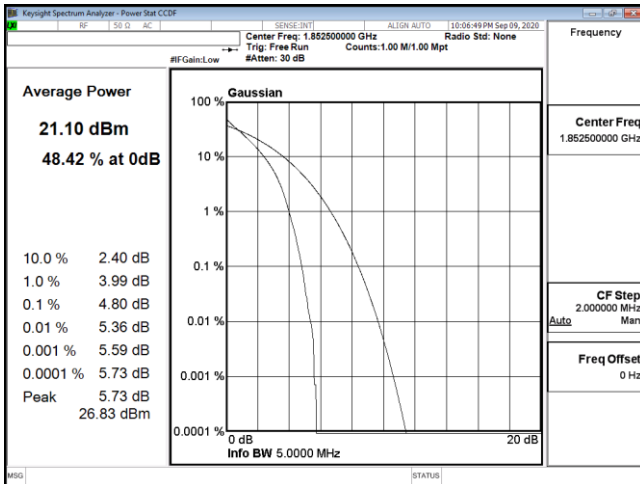


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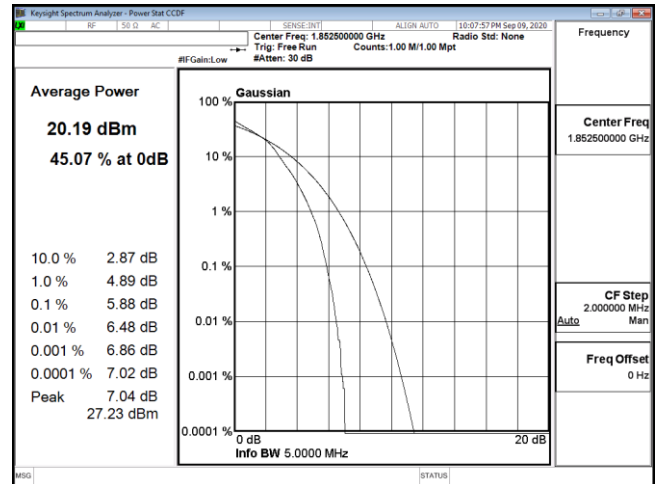


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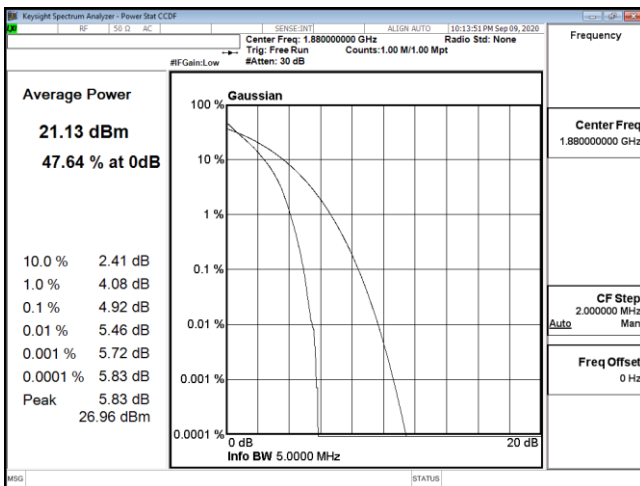




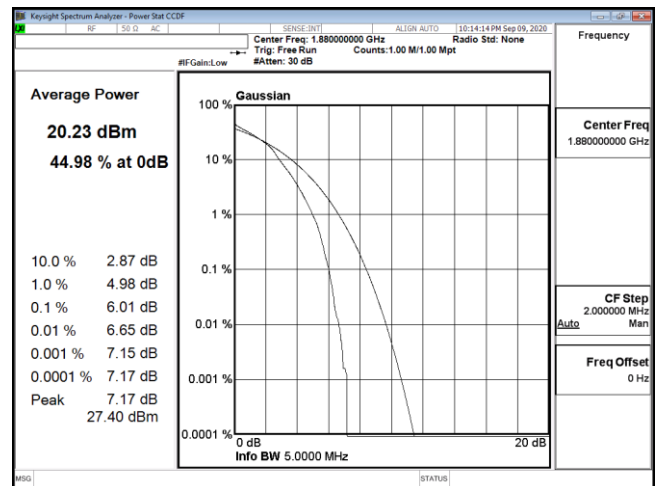
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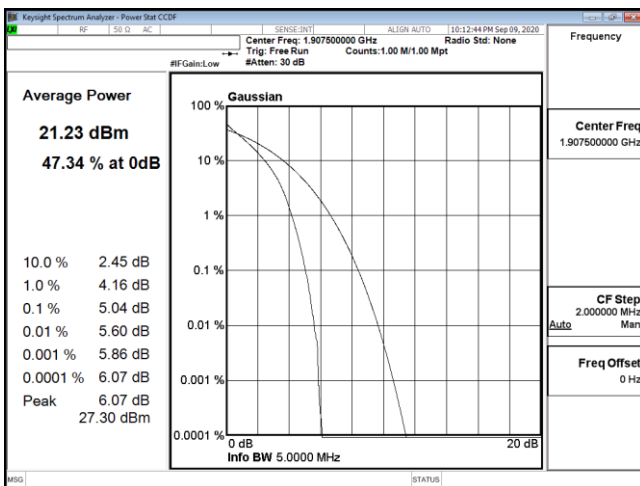
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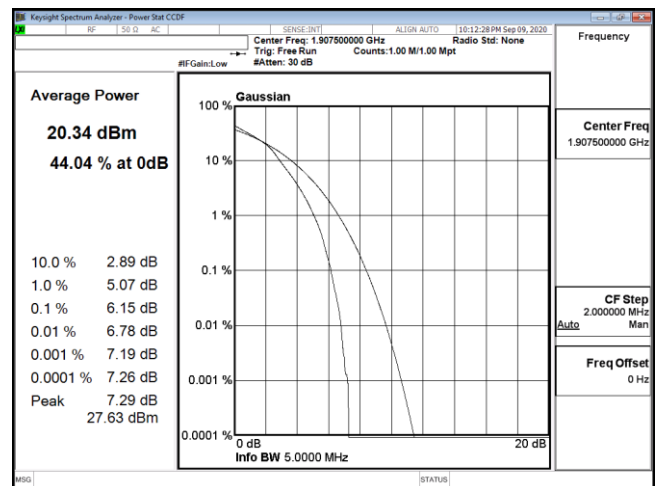
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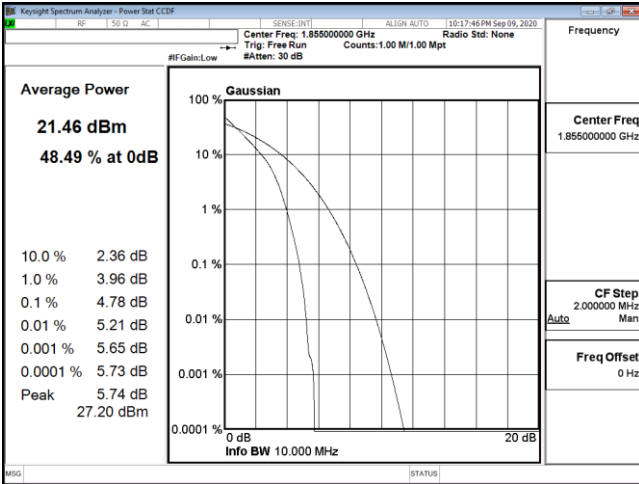
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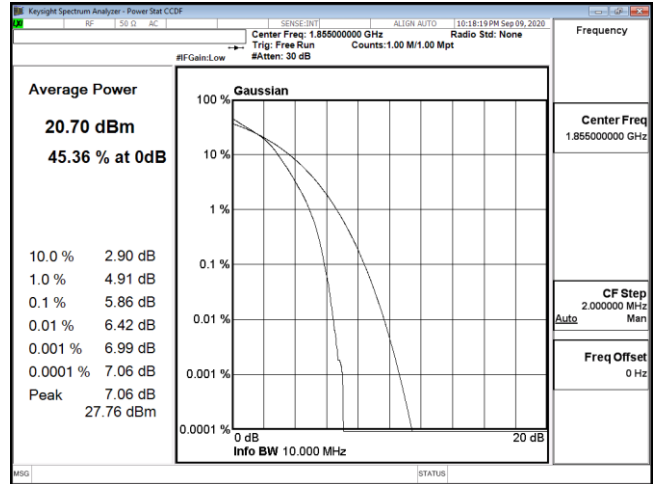
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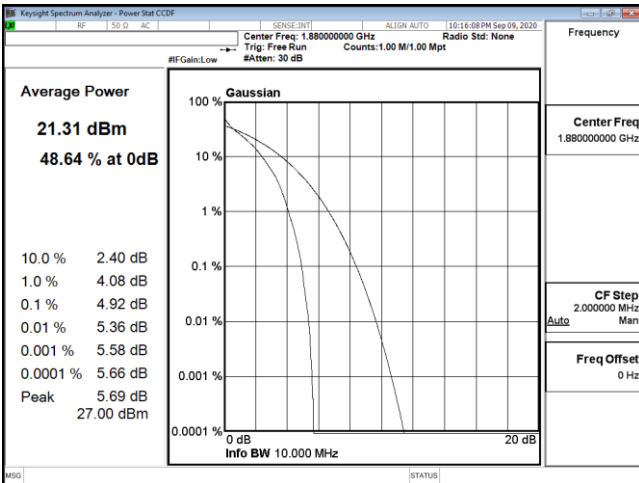
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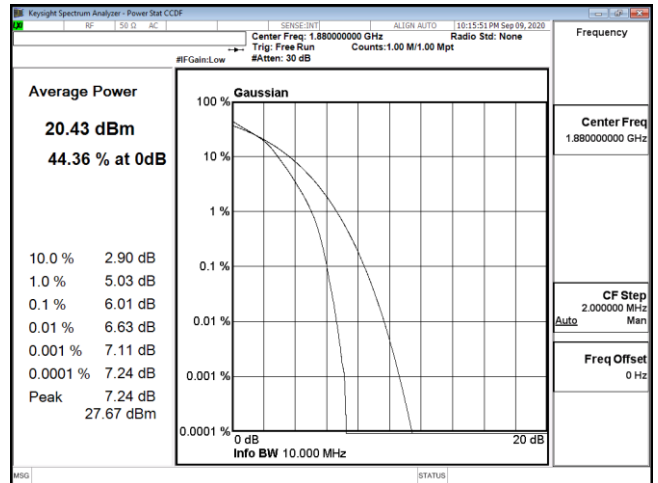
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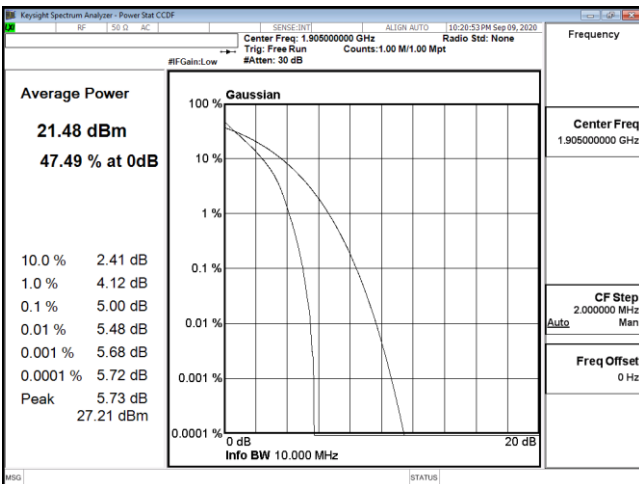
PTAR B2 10M CH18650 16QAM



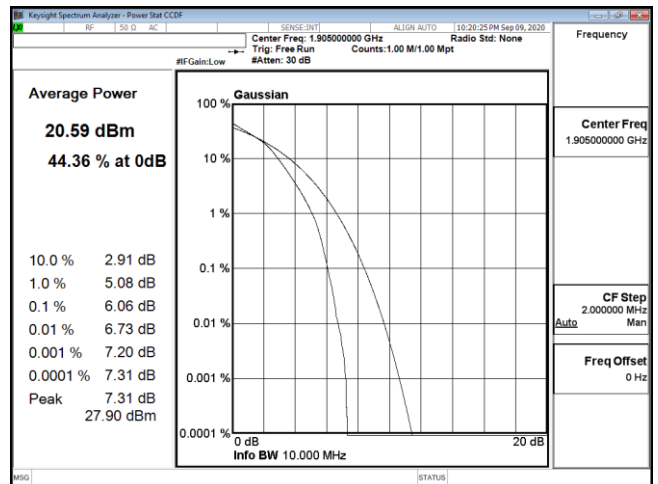
PTAR B2 10M CH18900 QPSK



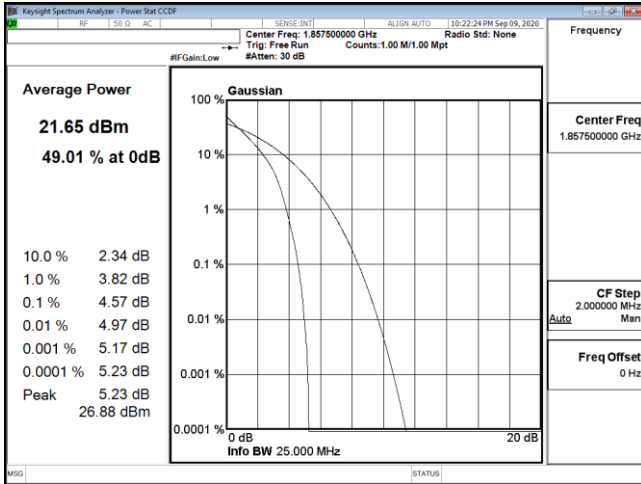
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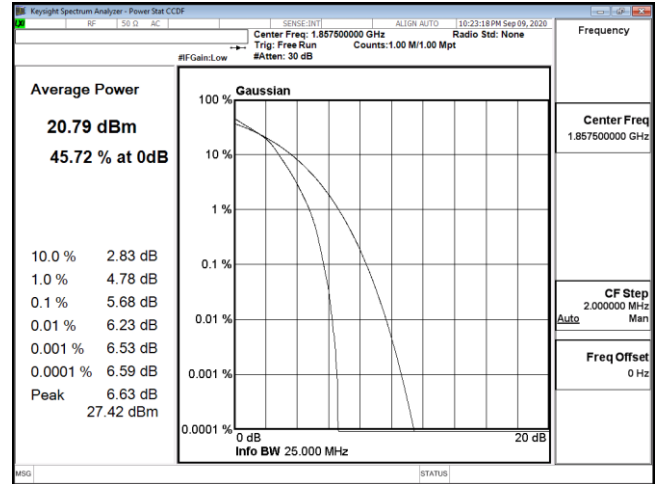
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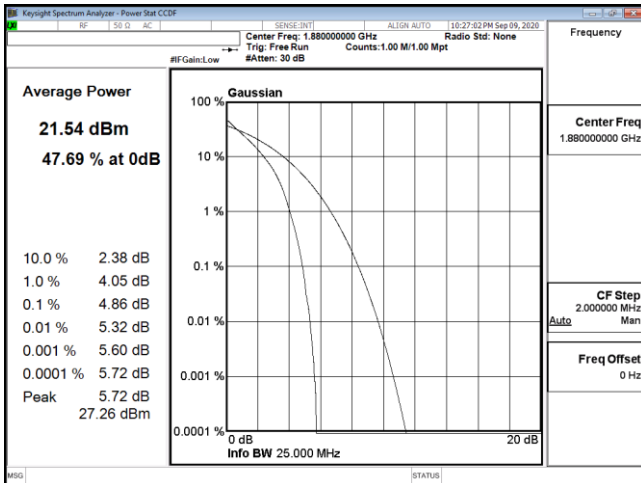
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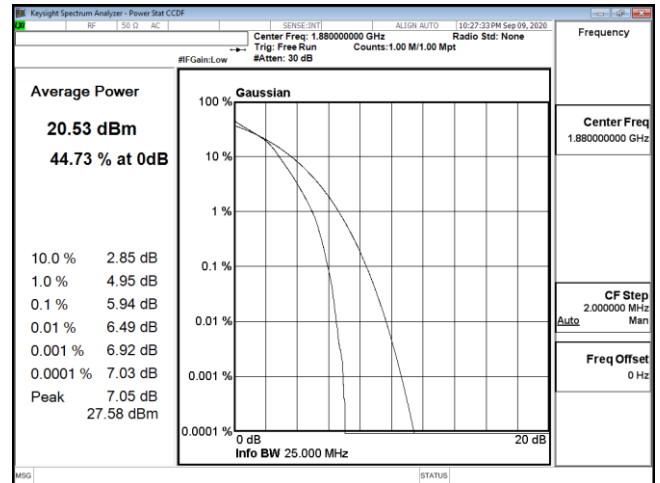
PTAR B2 15M CH18675 QPSK



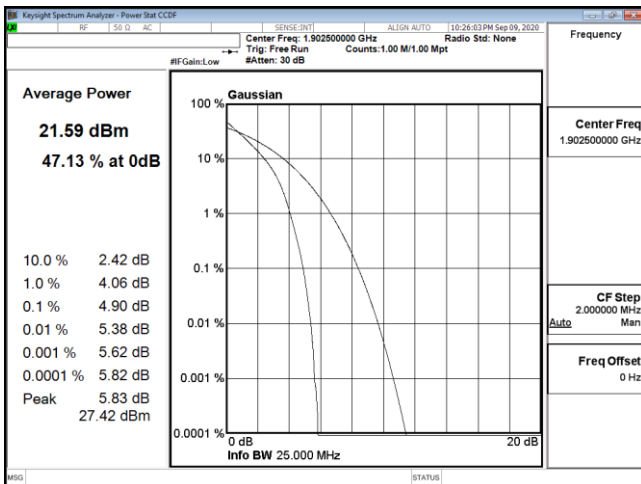
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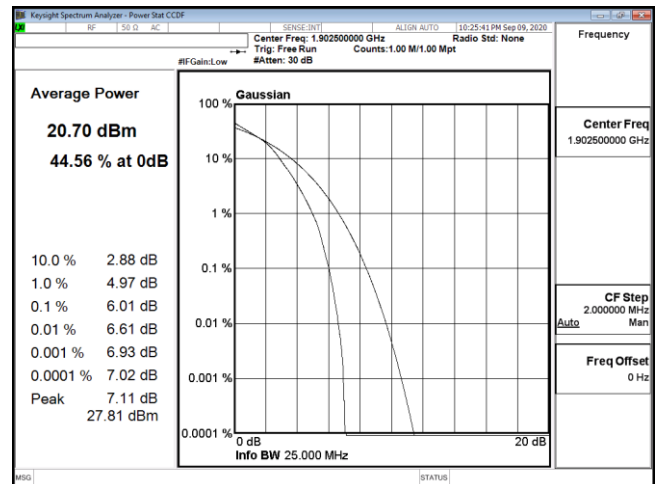
PTAR B2 15M CH18900 QPSK



PTAR B2 15M CH18900 16QAM



PTAR B2 15M CH19125 QPSK



PTAR B2 15M CH19125 16QAM