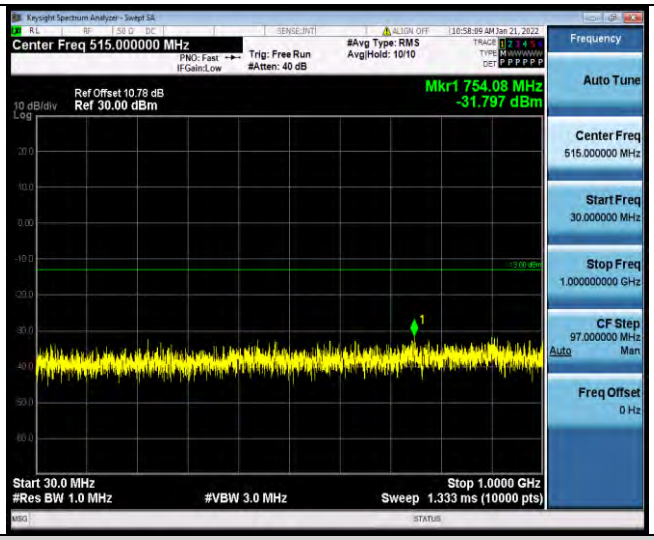
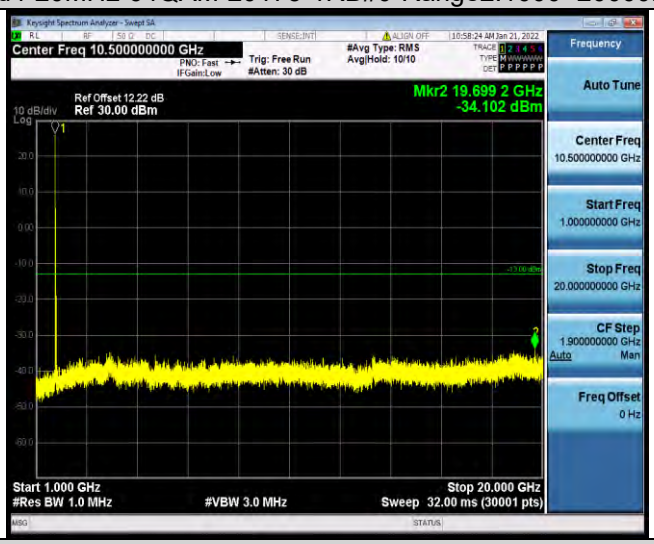
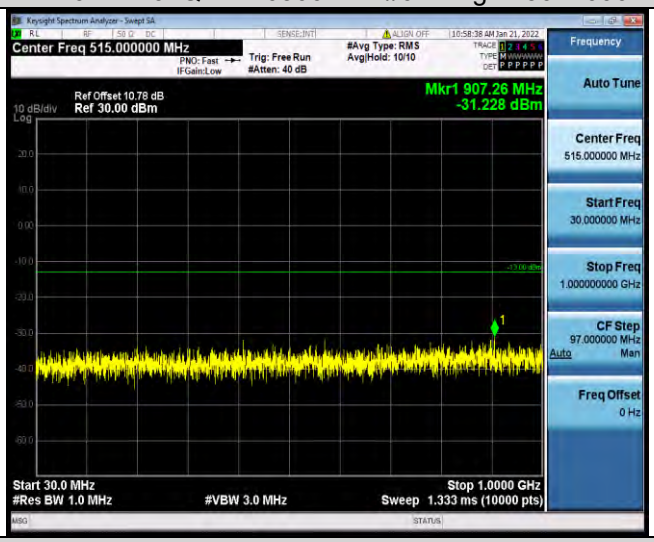


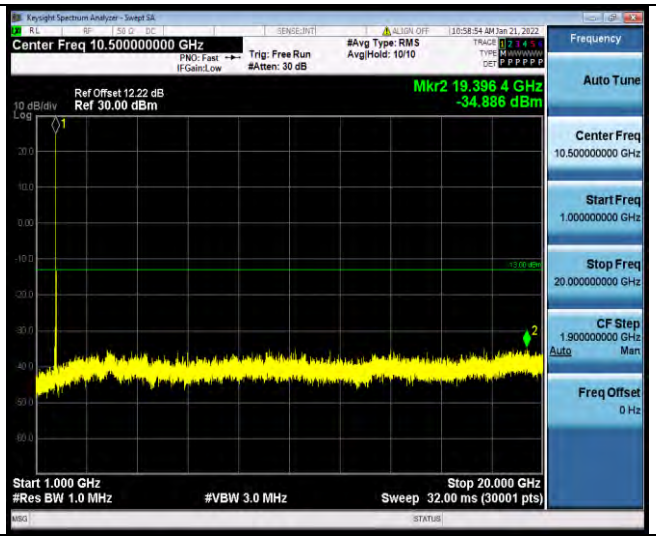
Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz


Keysight Spectrum Analyzer - Swept SA
Center Freq 10.500000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 10/10
10:58:54 AM Jan 21, 2022
Ref Offset 12.22 dB
10 dB/div
Ref 30.00 dBm
Log
Mkr2 19.396 4 GHz
-34.886 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 20.000 GHz
Sweep 32.00 ms (30001 pts)
Frequency
Auto Tune
Center Freq
10.500000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
20.000000000 GHz
CF Step
1.900000000 GHz
Auto
Man
Freq Offset
0 Hz

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-4.38	-0.002560	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	22.30	0.013036	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-17.85	-0.010434	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-8.17	-0.004716	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	31.83	0.018372	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-22.06	-0.012733	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	20.69	0.011794	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	27.02	0.015402	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-34.35	-0.019580	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-23.72	-0.013866	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-7.55	-0.004413	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	22.46	0.013129	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	7.78	0.004491	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-50.00	-0.028860	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-7.47	-0.004312	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-30.17	-0.017198	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-17.14	-0.009770	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-28.40	-0.016189	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	21.40	0.012504	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	29.54	0.017260	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-26.76	-0.015635	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	14.53	0.008387	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	21.97	0.012681	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-8.96	-0.005172	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-5.65	-0.003222	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	22.17	0.012643	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	7.45	0.004249	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-30.14	-0.017610	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-27.48	-0.016056	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-7.65	-0.004470	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-17.37	-0.010026	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-28.67	-0.016548	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	32.50	0.018759	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	10.59	0.006039	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	-17.50	-0.009980	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	39.17	0.022338	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	8.01	0.004677	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	44.85	0.026190	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	3.82	0.002231	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	23.36	0.013483	±2.5	PASS

Band4	5MHz	QPSK	20175	25RB#0	VN	NT	19.37	0.011180	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-16.05	-0.009264	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	39.63	0.022613	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	19.04	0.010864	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	3.02	0.001723	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-29.65	-0.017314	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-47.41	-0.027685	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-27.88	-0.016280	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	7.82	0.004514	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-41.77	-0.024110	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	20.89	0.012058	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	17.71	0.010106	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	23.07	0.013164	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	38.45	0.021940	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	17.68	0.010309	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	11.70	0.006822	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-7.81	-0.004554	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	12.85	0.007417	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	50.70	0.029264	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	-21.36	-0.012329	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	39.12	0.022354	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	32.20	0.018400	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	14.33	0.008189	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	5.52	0.003219	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	7.97	0.004647	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	7.60	0.004431	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	-21.03	-0.012139	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	-7.95	-0.004589	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	-25.01	-0.014436	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	5.69	0.003251	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	-10.29	-0.005880	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	28.68	0.016389	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	-3.78	-0.002201	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	42.73	0.024879	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	21.89	0.012745	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	10.87	0.006274	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	24.88	0.014361	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	15.55	0.008975	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	18.65	0.010672	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	12.23	0.006999	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	36.01	0.020607	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	-23.46	-0.013659	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	-22.33	-0.013001	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	17.87	0.010405	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	-8.71	-0.005027	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	-6.34	-0.003659	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	6.85	0.003954	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	11.10	0.006352	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	20.16	0.011536	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	27.57	0.015777	±2.5	PASS

Band4	20MHz	QPSK	20050	100RB#0	VL	NT	25.16	0.014628	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	25.23	0.014669	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	20.77	0.012076	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	37.19	0.021466	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	36.02	0.020791	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	45.68	0.026367	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	29.45	0.016877	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	22.16	0.012699	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	16.05	0.009198	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	7.98	0.004640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	37.69	0.021913	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	22.03	0.012808	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-3.30	-0.001905	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	29.24	0.016877	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	10.97	0.006332	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	39.93	0.022883	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	33.20	0.019026	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	31.54	0.018074	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VL	NT	-44.06	-0.025756	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VN	NT	-45.33	-0.026498	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VH	NT	-38.35	-0.022418	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VL	NT	-46.83	-0.027030	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VN	NT	-21.73	-0.012543	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VH	NT	-38.04	-0.021957	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VL	NT	-17.07	-0.009730	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VN	NT	-16.58	-0.009451	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VH	NT	-38.80	-0.022117	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VL	NT	24.32	0.014210	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VN	NT	26.94	0.015741	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VH	NT	-17.74	-0.010365	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VL	NT	11.37	0.006563	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VN	NT	17.21	0.009934	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VH	NT	-20.67	-0.011931	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VL	NT	17.35	0.009894	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VN	NT	13.12	0.007482	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VH	NT	22.24	0.012683	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VL	NT	19.40	0.011328	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VN	NT	32.20	0.018803	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VH	NT	27.02	0.015778	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VL	NT	10.69	0.006170	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VN	NT	34.56	0.019948	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VH	NT	-23.45	-0.013535	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VL	NT	34.15	0.019486	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VN	NT	36.16	0.020633	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VH	NT	24.16	0.013786	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VL	NT	29.30	0.017085	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VN	NT	36.69	0.021394	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VH	NT	-7.24	-0.004222	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VL	NT	-17.92	-0.010343	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VN	NT	18.01	0.010395	±2.5	PASS

Band4	10MHz	64QAM	20175	50RB#0	VH	NT	-10.70	-0.006176	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VL	NT	29.83	0.017046	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VN	NT	19.88	0.011360	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VH	NT	11.49	0.006566	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VL	NT	9.23	0.005374	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VN	NT	14.71	0.008565	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VH	NT	-20.40	-0.011878	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VL	NT	13.25	0.007648	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VN	NT	29.50	0.017027	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VH	NT	-7.00	-0.004040	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VL	NT	-2.50	-0.001431	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VN	NT	18.12	0.010369	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VH	NT	32.76	0.018747	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	10.99	0.006390	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-7.02	-0.004081	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-20.00	-0.011628	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	-19.64	-0.011336	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	27.78	0.016035	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-13.86	-0.008000	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-11.66	-0.006682	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	11.34	0.006499	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-37.31	-0.021381	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-34.7	-0.020284	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	7.44	0.004349	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-16.29	-0.009522	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-14.19	-0.008295	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-30.87	-0.018045	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-10.18	-0.0123	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-9.27	-0.0112	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-7.79	-0.0094	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-18.17	-0.010488	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-26.06	-0.015042	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-7.71	-0.00445	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-35.16	-0.020294	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-7.52	-0.004341	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-6.38	-0.0077	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-5.38	-0.0065	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-4.18	-0.0051	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-48.04	-0.027384	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-27.24	-0.015528	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	9.58	0.005461	±2.5	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-40.76	-0.023234	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-8.61	-0.004908	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	24.02	0.014041	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-2.47	-0.003	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-1.48	-0.0018	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-0.36	-0.0004	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	48.84	0.02855	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	7.07	0.004133	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	18.44	0.010779	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	31.01	0.018127	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-9.82	-0.011881428	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-8.17	-0.009885057	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-7.26	-0.008784029	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-19.35	-0.011169	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-21.8	-0.012583	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-19	-0.010967	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	15.65	0.009033	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	13.2	0.007619	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-6.14	-0.007428917	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-4.47	-0.005408348	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-3.18	-0.00384755	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-31.16	-0.017762	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-26.75	-0.015248	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-9.28	-0.00529	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	6.22	0.003546	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	9.86	0.00562	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-2.54	-0.0030732	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-1.56	-0.001887477	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-0.38	-0.00045977	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-14.39	-0.008408	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-19.81	-0.011575	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	9.06	0.005294	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-25.43	-0.014858	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	9.83	0.005743	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	-9.69	-0.011688782	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	-8.47	-0.010217129	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	-7.28	-0.008781665	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-34.39	-0.01985	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	4.42	0.002551	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-31.17	-0.017991	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-15.65	-0.009033	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-20.76	-0.011983	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-5.37	-0.006477684	±2.5	PASS

Band4	3MHz	QPSK	20175	15RB#0	NV	40	-4.25	-0.005126659	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-3.35	-0.004041013	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	4.76	0.002715	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	35.66	0.020336	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	19.58	0.011166	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	36.35	0.02073	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	39.01	0.022247	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	-2.18	-0.002629674	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	-1.18	-0.001423402	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	0.18	0.000217129	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	36.46	0.021303	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	40.56	0.023699	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	-9.97	-0.005825	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-20.18	-0.011791	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-36.64	-0.021408	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	-9.34	-0.003732268	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	-8.18	-0.003268731	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	-7.28	-0.002909091	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	10.01	0.005778	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	31.81	0.018361	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	11.39	0.006574	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	12.77	0.007371	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	16.78	0.009685	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-6.31	-0.002521479	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	-5.26	-0.002101898	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-4.33	-0.00173027	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	31.29	0.017844	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	31.34	0.017873	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	44.1	0.02515	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	11.22	0.006399	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	18.87	0.010761	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	-3.26	-0.001302697	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-1.81	-0.000723277	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	-0.39	-0.000155844	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-12.16	-0.007101	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-32.89	-0.019206	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-13.16	-0.007685	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-33.04	-0.019293	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-17.27	-0.010085	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-9.86	-0.003936128	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-8.75	-0.003493014	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-6.73	-0.002686627	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-18.45	-0.010649	±2.5	PASS

Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-37.84	-0.021841	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-16.01	-0.009241	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	17.84	0.010297	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-21.87	-0.012623	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-5.25	-0.002095808	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-4.41	-0.001760479	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-3.69	-0.001473054	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	8.91	0.005084	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	7.08	0.00404	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	11.36	0.006482	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	17.85	0.010185	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	23.55	0.013438	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-2.14	-0.000854291	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-1.74	-0.000694611	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-0.84	-0.000335329	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-24.4	-0.014248	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-29.3	-0.017109	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-22.33	-0.013039	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	-8.98	-0.005244	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-16.19	-0.009454	±2 .5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	-10.28	-0.004099701	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-9.67	-0.003856431	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	-7.48	-0.002983051	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-6.69	-0.002667996	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	31.97	0.018453	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	26.74	0.015434	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	31.23	0.018026	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	25.33	0.01462	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-6.69	-0.002667996	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-5.28	-0.002105683	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-4.13	-0.001647059	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	21.67	0.012365	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	27.34	0.015601	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-13.65	-0.007789	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	6.54	0.003732	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	18.28	0.010431	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-2.25	-0.000897308	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-1.17	-0.0004666	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-0.38	-0.000151545	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-15.86	-0.009248	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-15.09	-0.008799	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-13.78	-0.008035	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	16.25	0.009475	±2.5	PASS

Band4	10MHz	QPSK	20000	50RB#0	NV	20	15.64	0.00912	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-10.18	-0.004055777	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-9.85	-0.003924303	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	-8.67	-0.003454183	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-16.38	-0.009455	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-37.05	-0.021385	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	-27.27	-0.01574	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-22.27	-0.012854	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-19.94	-0.011509	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	-7.52	-0.002996016	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	-5.28	-0.002103586	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	-4.51	-0.001796813	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	6.71	0.003834	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-12.1	-0.006914	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-16.87	-0.00964	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	-14.03	-0.008017	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-14.36	-0.008206	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-3.39	-0.001350598	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	-2.18	-0.000868526	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	-0.47	-0.000187251	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	33.66	0.019627	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	17.88	0.010426	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	15.44	0.009003	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	-6.42	-0.003743	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-11.09	-0.006466	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	-10.21	-0.014591968	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	-9.18	-0.013119909	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	-8.25	-0.011790767	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	-21.83	-0.0126	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	-14.96	-0.008635	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	8.63	0.004981	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	7.72	0.004456	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	-11.1	-0.006407	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	-6.74	-0.0096327	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	-5.12	-0.007317422	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	-4.31	-0.006159783	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	-20.66	-0.011806	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	-8.4	-0.0048	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	-5.46	-0.00312	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	-10.16	-0.005806	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	-20.89	-0.011937	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	-3.32	-0.004744891	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	-1.89	-0.002701158	±2.5	PASS

Band4	10MHz	16QAM	20350	50RB#0	NV	50	-0.68	-0.000971845	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	-7.32	-0.004262	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-6.48	-0.003773	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-35.28	-0.020541	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	-11.46	-0.006672	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	-41.44	-0.024128	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	-10.12	-0.014446824	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	-8.98	-0.012819415	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	-7.58	-0.010820842	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-7.41	-0.004277	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-35.58	-0.020537	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-40.11	-0.023152	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-18.07	-0.01043	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-30.13	-0.017391	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	-5.56	-0.007937188	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	-4.58	-0.006538187	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	-3.19	-0.00455389	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	11.56	0.006615	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	14.45	0.008269	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	22.83	0.013064	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-6.62	-0.003788	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	18.17	0.010398	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-1.85	-0.002640971	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-0.86	-0.001227695	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	0.36	0.000513919	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	16.09	0.009368	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	16.78	0.00977	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	28.7	0.01671	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	34.2	0.019913	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	38.71	0.022539	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	-9.42	-0.003661808	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	-8.16	-0.003172012	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	-7.47	-0.00290379	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	35.96	0.020756	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	31.31	0.018072	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	20.71	0.011954	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	27.91	0.01611	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	-7.7	-0.004444	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	-9.96	-0.003867961	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	-8.54	-0.003316505	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	-6.59	-0.002559223	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	30.28	0.017328	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	23.8	0.013619	±2.5	PASS

Band4	15MHz	16QAM	20325	75RB#0	NV	0	16.01	0.009162	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	15.26	0.008732	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	20.4	0.011674	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	-10.16	-0.003941804	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	-9.26	-0.003592629	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	-7.48	-0.002902037	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-5.28	-0.00307	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-15.94	-0.009267	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-24.68	-0.014349	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-26.64	-0.015488	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	24.13	0.014029	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-6.35	-0.002463628	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-5.36	-0.002079534	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-4.15	-0.001610087	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	51.9	0.029957	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	32.2	0.018586	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	23.32	0.01346	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	25.28	0.014592	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	26.41	0.015244	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-2.85	-0.001105723	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-1.47	-0.00057032	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-0.38	-0.00014743	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	26.72	0.015312	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	16.35	0.00937	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	30.57	0.017519	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	29.83	0.017095	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	32.8	0.018797	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-10.56	-0.004093023	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-9.85	-0.003817829	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-8.47	-0.003282946	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	11.2	0.006512	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	26.64	0.015488	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	36.84	0.021419	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	13.29	0.007727	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	13.3	0.007733	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-7.62	-0.002953488	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-5.51	-0.001205426	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-4.18	-0.001620155	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	18.8	0.010851	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	25.05	0.014459	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	6.04	0.003486	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-10.97	-0.006332	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	24.03	0.01387	±2.5	PASS

Band4	20MHz	16QAM	20175	100RB#0	NV	30	-3.11	-0.001205426	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-2.28	-0.000883721	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-0.825	-0.000319767	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	17.35	0.009943	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	48.85	0.027994	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	35.91	0.020579	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	32.03	0.018355	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	31.53	0.018069	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-10.25	-0.005538445	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-9.32	-0.005035932	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-8.15	-0.004403739	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-30	-39.73	-0.023224	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-20	-22.65	-0.01324	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	0	-18.84	-0.011013	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	10	-17.97	-0.010504	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	20	-51.93	-0.030356	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	30	-7.42	-0.004009294	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	40	-5.45	-0.002944832	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	50	-4.26	-0.002301832	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-30	-19.47	-0.011238	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-20	-24.52	-0.014153	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	0	-31.24	-0.018032	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	10	-39.81	-0.022978	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	20	-46.76	-0.02699	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	30	-3.38	-0.001826336	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	40	-1.58	-0.000853731	±2 .5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	50	-0.65	-0.000351218	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-30	-39.04	-0.022254	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-20	-26.74	-0.015243	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	0	-14.05	-0.008009	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	10	-48.77	-0.0278	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	20	3.91	0.002229	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	30	-10.21	-0.005514448	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	40	-9.24	-0.004990548	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	50	-8.47	-0.004574669	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-30	-35.63	-0.020818	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-20	-45.48	-0.026573	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	0	-24.05	-0.014052	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	10	-20.61	-0.012042	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	20	-10.1	-0.005901	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	30	-6.42	-0.003467459	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	40	-5.18	-0.002797732	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	50	-4.26	-0.002300837	±2.5	PASS

Band4	3MHz	64QAM	20175	15RB#0	NV	-30	-11.94	-0.006892	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-20	-12.19	-0.007036	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	0	-9.48	-0.005472	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	10	-42.44	-0.024496	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	20	-17.71	-0.010222	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	30	-3.16	-0.001706724	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	40	-1.75	-0.00094518	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	50	-0.57	-0.000307858	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-30	30.38	0.017325	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-20	18.97	0.010818	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	0	38.37	0.021882	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	10	12.76	0.007277	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	20	9.08	0.005178	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	30	-9.89	-0.005338731	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	40	-8.47	-0.0045722	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	50	-7.36	-0.003973009	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-30	18.37	0.010727	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-20	16.71	0.009758	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	0	-22.27	-0.013004	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	10	-29.24	-0.017074	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	20	-17.19	-0.010038	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	30	-6.45	-0.003481781	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	40	-5.41	-0.002920378	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	50	-4.25	-0.002294197	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-30	-28.68	-0.016554	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-20	-27.64	-0.015954	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	0	-22.46	-0.012964	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	10	8.18	0.004722	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	20	24.85	0.014343	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	30	-2.87	-0.001549258	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	40	-1.36	-0.000734143	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	50	-0.28	-0.000151147	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-30	-4.71	-0.002688	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-20	9.11	0.005198	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	0	21.37	0.012194	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	10	7.34	0.004188	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	20	33.25	0.018973	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	30	-9.56	-0.005153639	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	40	-8.27	-0.004458221	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	50	-7.14	-0.003849057	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-30	-40.3	-0.023499	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-20	-6.22	-0.003627	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	0	-18.44	-0.010752	±2.5	PASS

Band4	10MHz	64QAM	20000	50RB#0	NV	10	-41.93	-0.024449	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	20	-4.53	-0.002641	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	30	-6.25	-0.003369272	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	40	-5.23	-0.002819407	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	50	-3.78	-0.002037736	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-30	3.56	0.002055	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-20	-38.34	-0.02213	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	0	-21.46	-0.012387	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	10	-40.66	-0.023469	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	20	-11.23	-0.006482	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	30	-9.45	-0.005087483	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	40	-8.74	-0.004705249	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	50	-7.36	-0.003962315	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-30	31.54	0.018023	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-20	26.85	0.015343	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	0	16.54	0.009451	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	10	30.94	0.01768	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	20	25.21	0.014406	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	30	-5.26	-0.002831763	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	40	-4.47	-0.00240646	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	50	-3.52	-0.00189502	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-30	9.24	0.00538	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-20	-31.77	-0.018498	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	0	-11.6	-0.006754	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	10	-38.67	-0.022515	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	20	-21.87	-0.012734	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	30	-2.15	-0.00115747	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	40	-1.24	-0.000667564	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	50	0.36	0.000193809	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-30	-18.93	-0.010926	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-20	-7.67	-0.004427	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	0	-24.19	-0.013962	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	10	-16.67	-0.009622	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	20	-26.02	-0.015019	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	30	-8.96	-0.004817204	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	40	-7.78	-0.004182796	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	50	-6.54	-0.003516129	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-30	42.63	0.024395	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-20	17.84	0.010209	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	0	42.86	0.024526	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	10	17.21	0.009848	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	20	22.73	0.013007	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	30	-5.24	-0.002817204	±2.5	PASS

Band4	15MHz	64QAM	20325	75RB#0	NV	40	-4.25	-0.002284946	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	50	-3.32	-0.001784946	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-51.17	-0.02975	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	32.09	0.018657	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-25.65	-0.014913	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-42.39	-0.024645	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-33.23	-0.01932	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-1.87	-0.001005376	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	-0.85	-0.000456989	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	0.42	0.000225806	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	4.58	0.002644	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-30.87	-0.017818	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-27.52	-0.015885	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	-9.6	-0.005541	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	-11	-0.006349	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-10.52	-0.005685872	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	-9.25	-0.00499946	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	-8.41	-0.004545455	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	18.44	0.010567	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	18.47	0.010585	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	21.46	0.012298	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	6.49	0.003719	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	24.42	0.013994	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-7.08	-0.003826613	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-5.42	-0.002929413	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-4.384	-0.002369474	±2.5	PASS

LTE BAND7

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

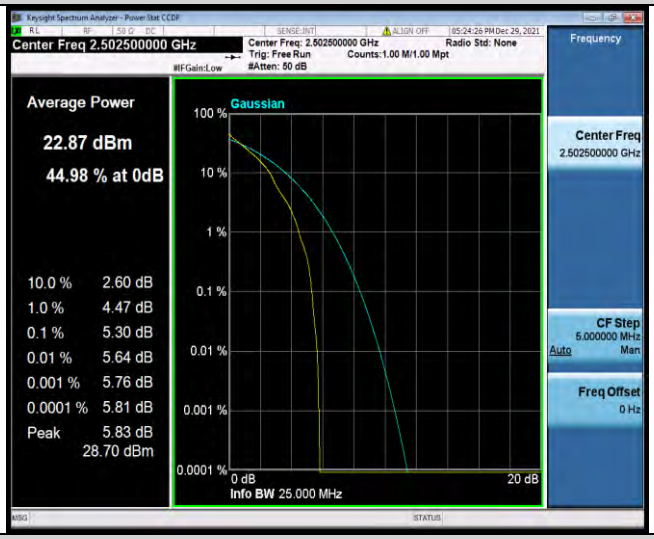
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	5.30	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.63	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.34	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.61	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.95	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.44	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	6.14	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.39	13	PASS

Band7	5MHz	16QAM	21100	1RB#0	5.87	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.45	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.73	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.26	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	5.21	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.72	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.24	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.66	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.57	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.43	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.66	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.44	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	6.03	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.33	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.48	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.23	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.27	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	6.02	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.99	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.95	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.86	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.64	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.90	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.47	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.74	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.40	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.80	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.20	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	5.14	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.72	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.23	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.76	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.84	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.50	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.86	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.39	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.86	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.39	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.07	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.19	13	PASS
Band7	5MHz	64QAM	20775	1RB#0	5.11	13	PASS
Band7	5MHz	64QAM	20775	25RB#0	5.58	13	PASS
Band7	5MHz	64QAM	21100	1RB#0	4.67	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	5.48	13	PASS
Band7	5MHz	64QAM	21425	1RB#0	4.87	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	5.49	13	PASS
Band7	10MHz	64QAM	20800	1RB#0	5.10	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	5.84	13	PASS
Band7	10MHz	64QAM	21100	1RB#0	4.74	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	5.51	13	PASS
Band7	10MHz	64QAM	21400	1RB#0	4.51	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	5.48	13	PASS
Band7	15MHz	64QAM	20825	1RB#0	5.36	13	PASS

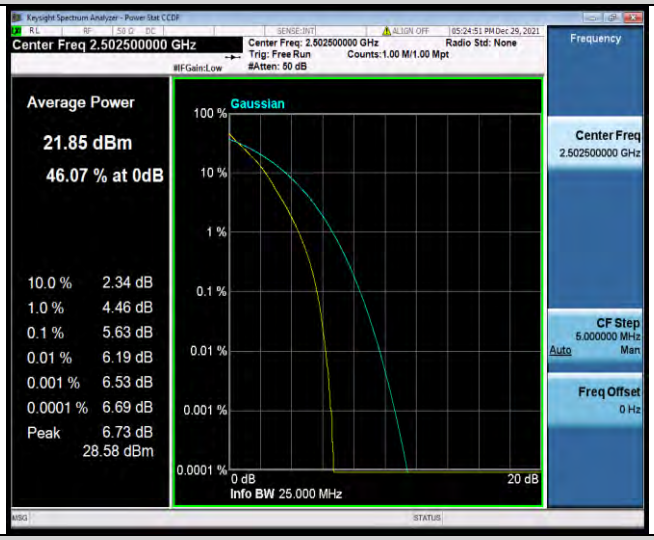
Band7	15MHz	64QAM	20825	75RB#0	6.05	13	PASS
Band7	15MHz	64QAM	21100	1RB#0	4.85	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	5.74	13	PASS
Band7	15MHz	64QAM	21375	1RB#0	4.64	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	5.66	13	PASS
Band7	20MHz	64QAM	20850	1RB#0	4.86	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.08	13	PASS
Band7	20MHz	64QAM	21100	1RB#0	4.84	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	5.84	13	PASS
Band7	20MHz	64QAM	21350	1RB#0	5.46	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.86	13	PASS

Test Graphs

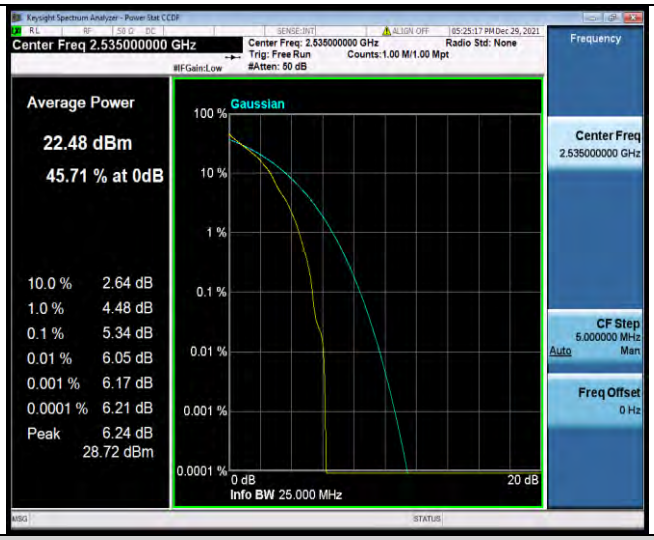
Band7-5MHz-QPSK-20775-1RB#0



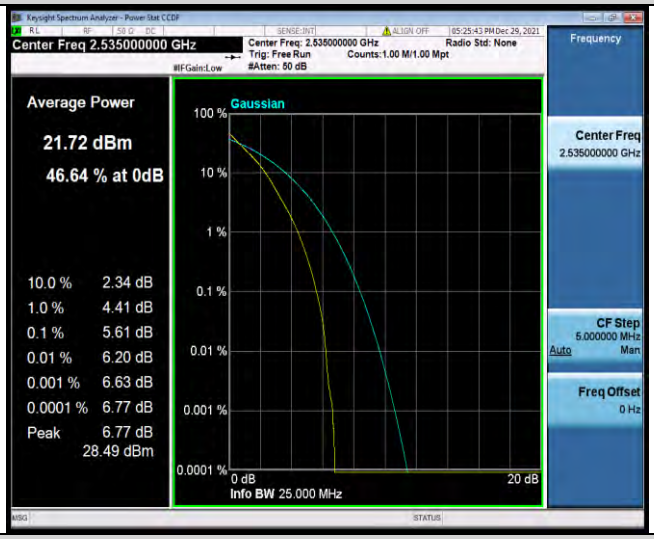
Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21100-1RB#0



Band7-5MHz-QPSK-21100-25RB#0



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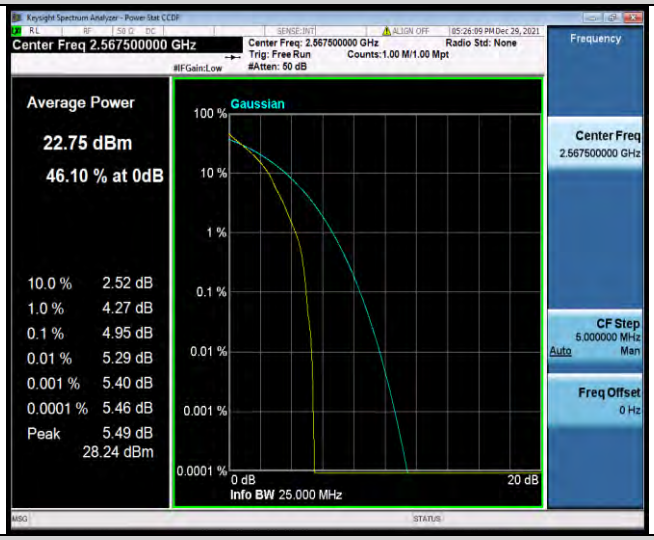

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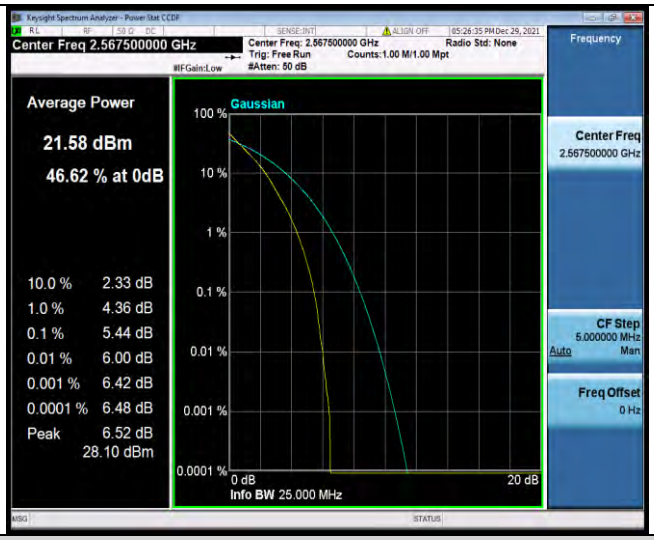
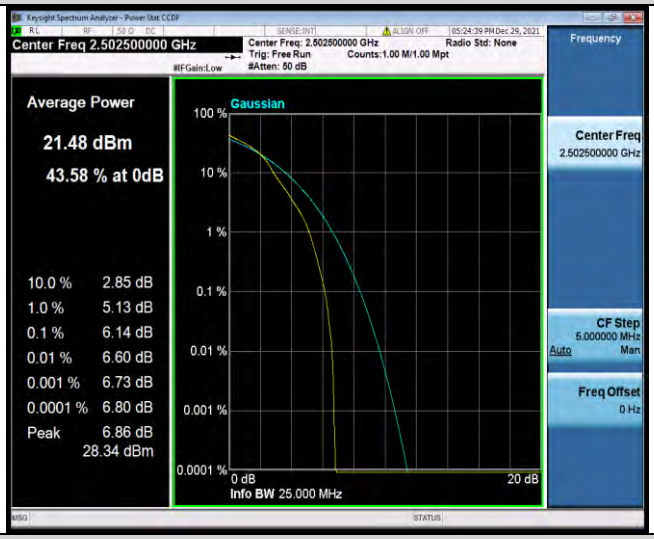


Band7-5MHz-16QAM-20775-1RB#0



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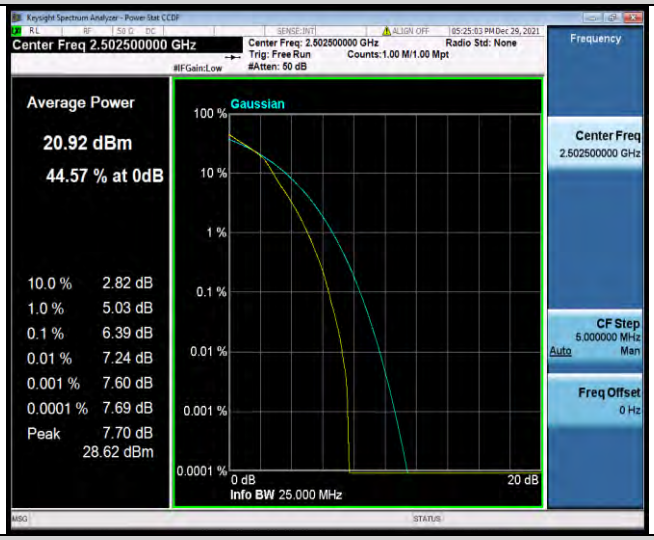

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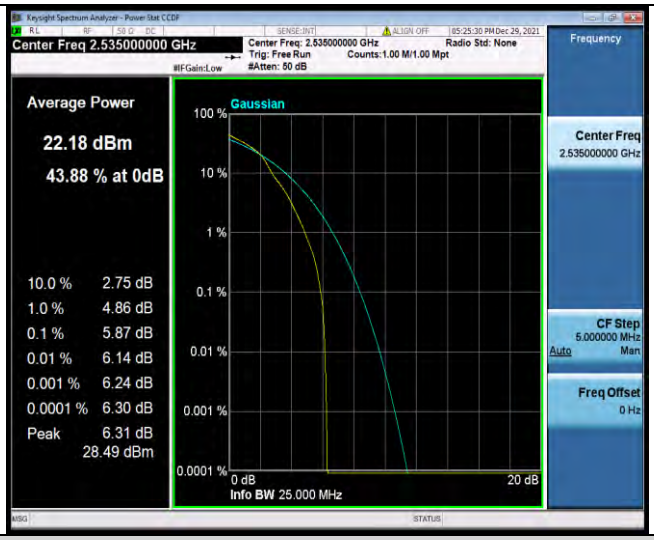

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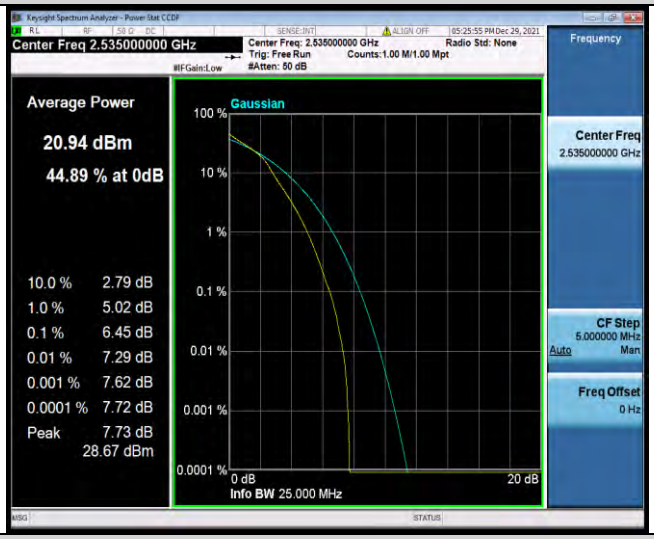
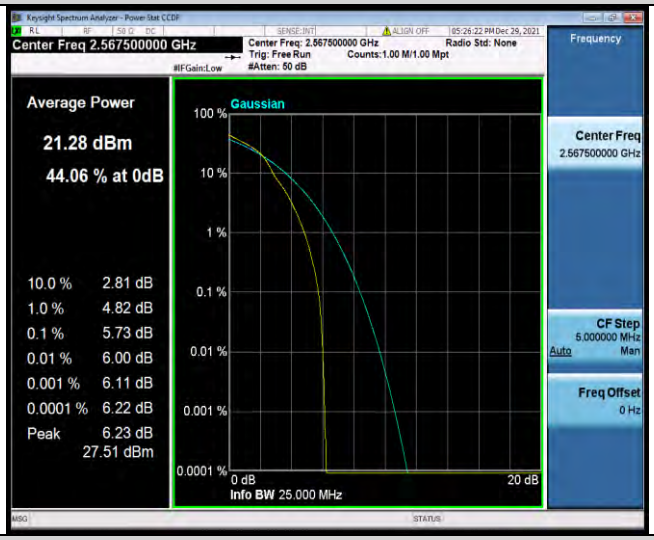
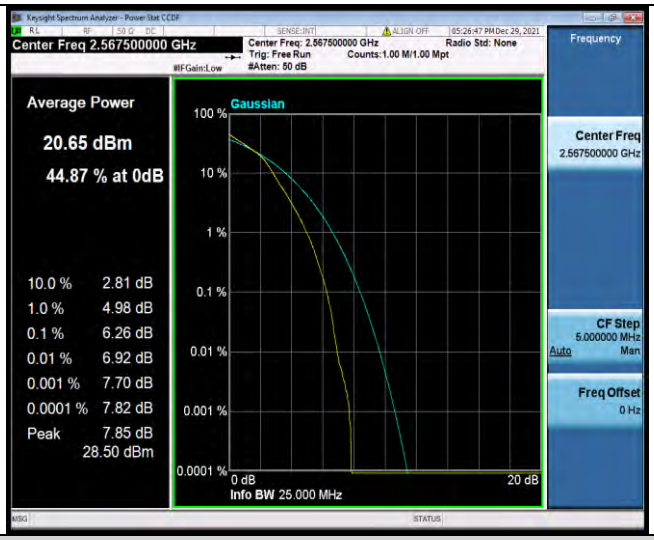


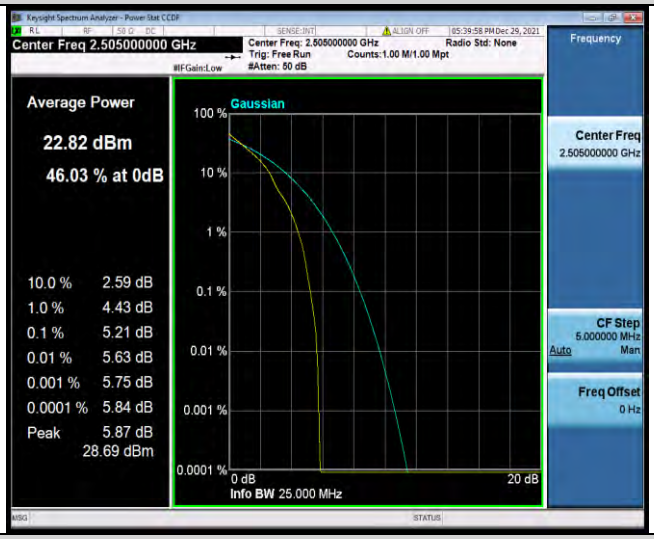
Band7-5MHz-16QAM-21425-1RB#0



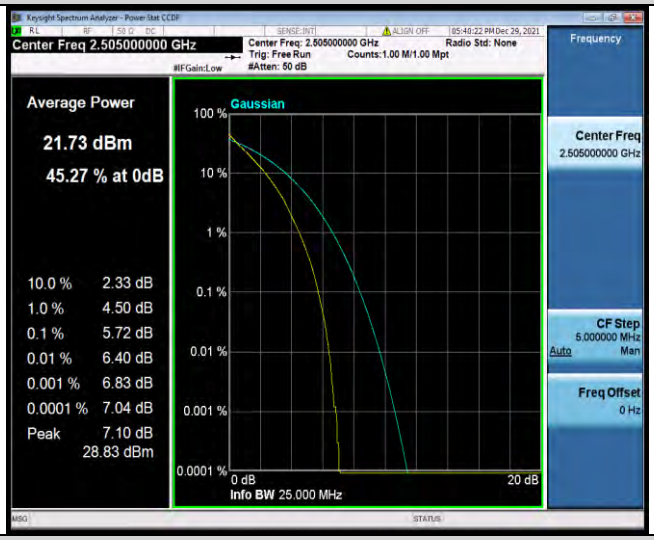
Band7-5MHz-16QAM-21425-25RB#0



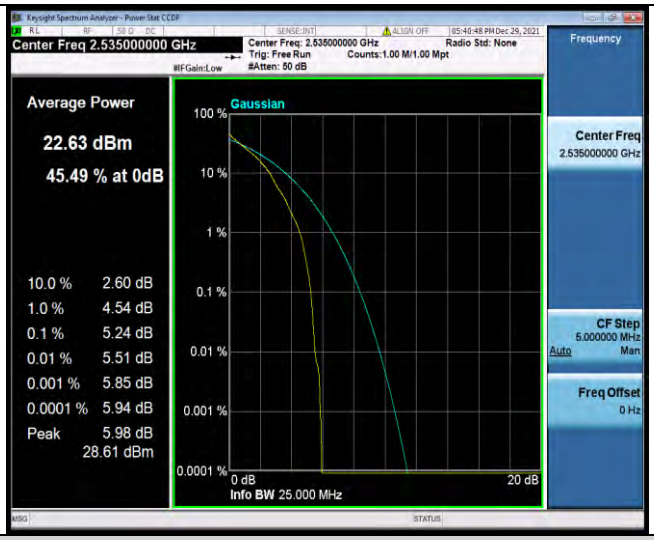
Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-1RB#0



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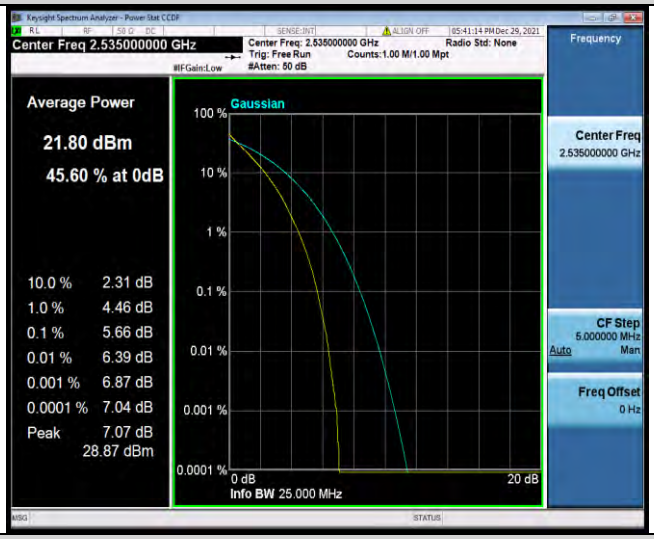

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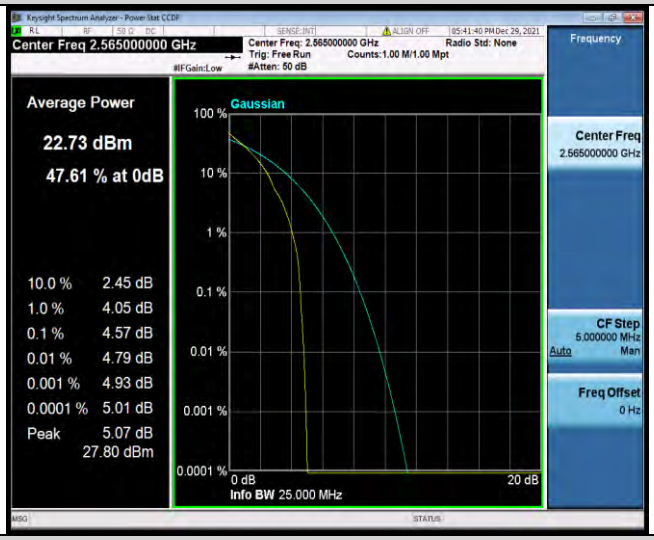

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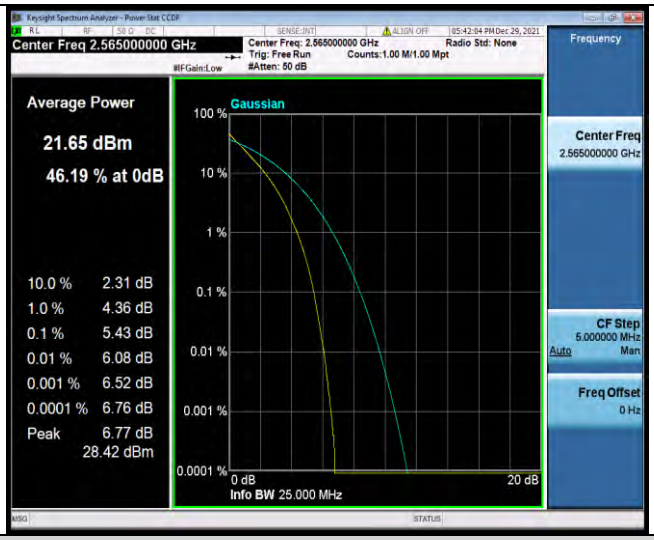

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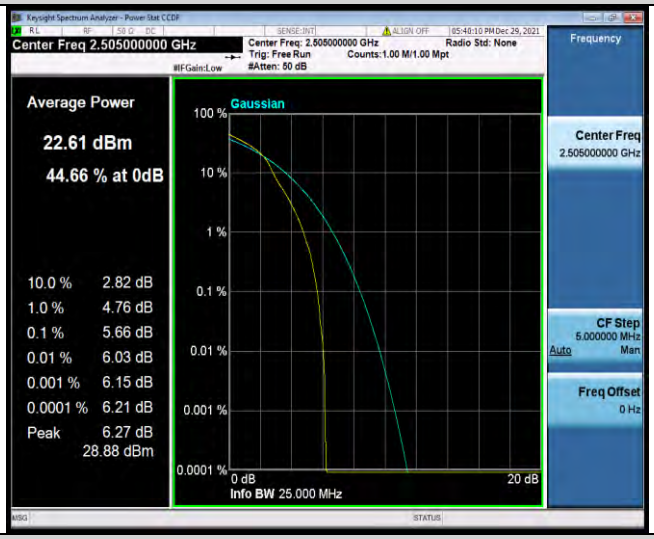

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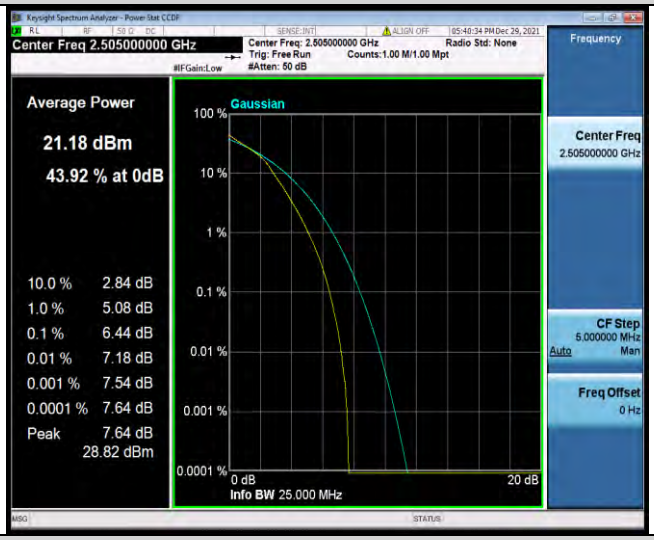
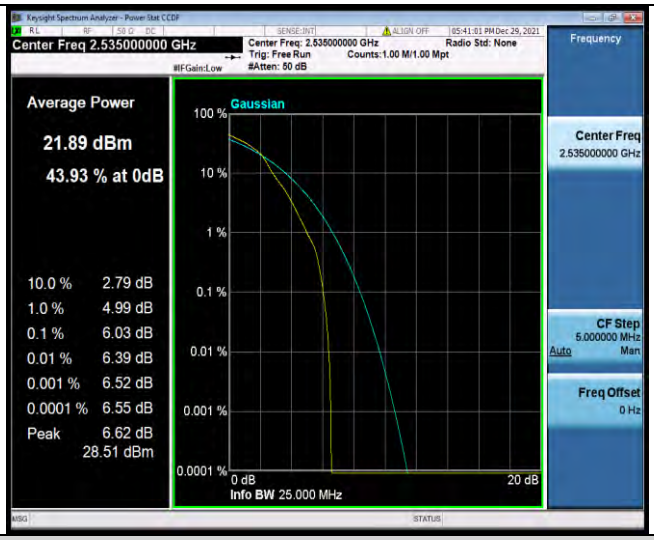
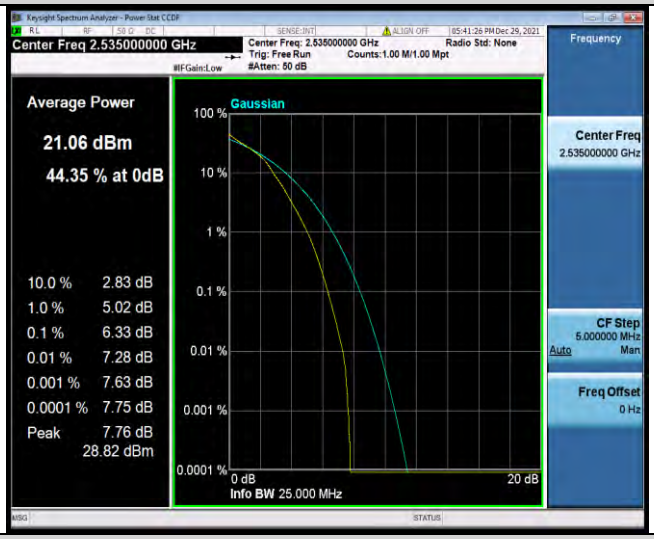


Band7-10MHz-16QAM-21100-1RB#0



Band7-10MHz-16QAM-21100-50RB#0



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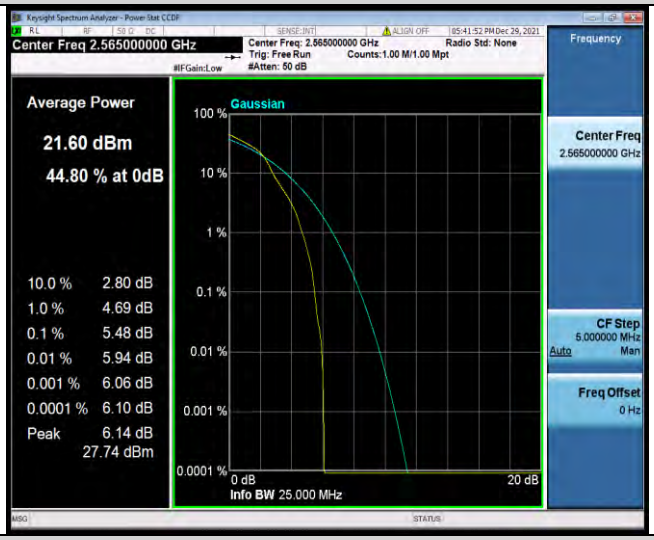

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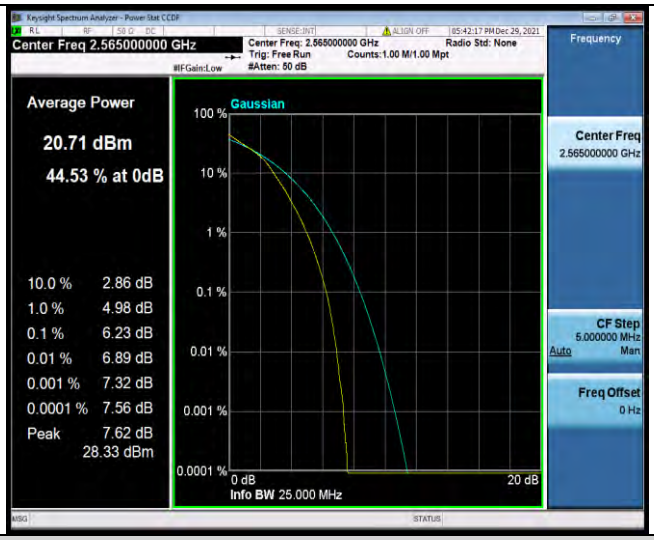
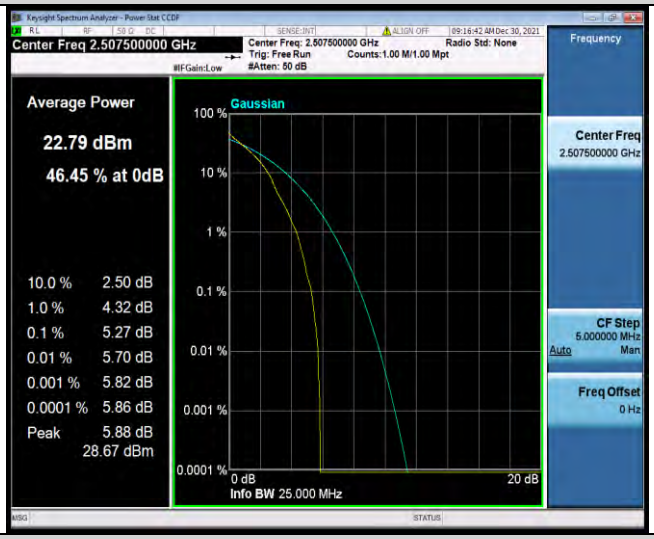
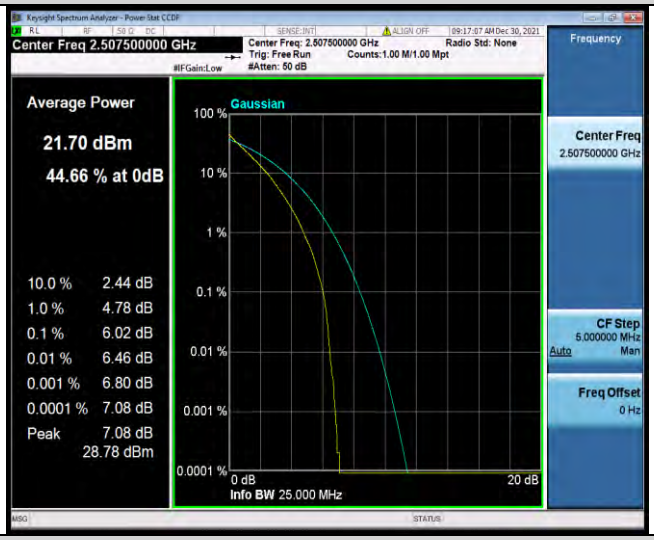


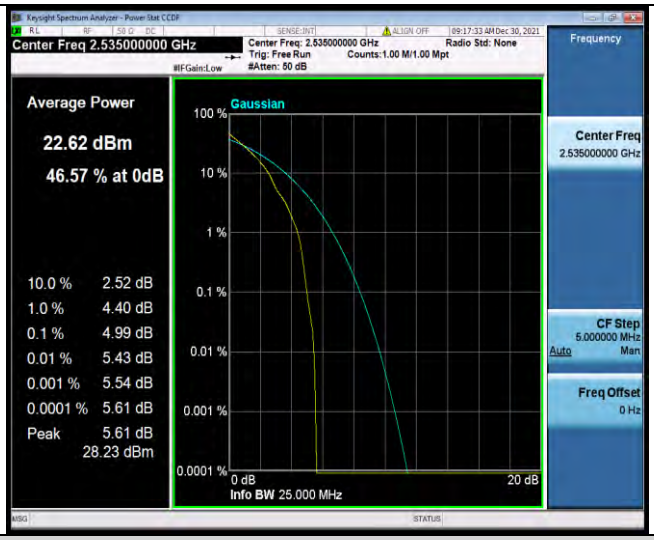
Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21100-1RB#0



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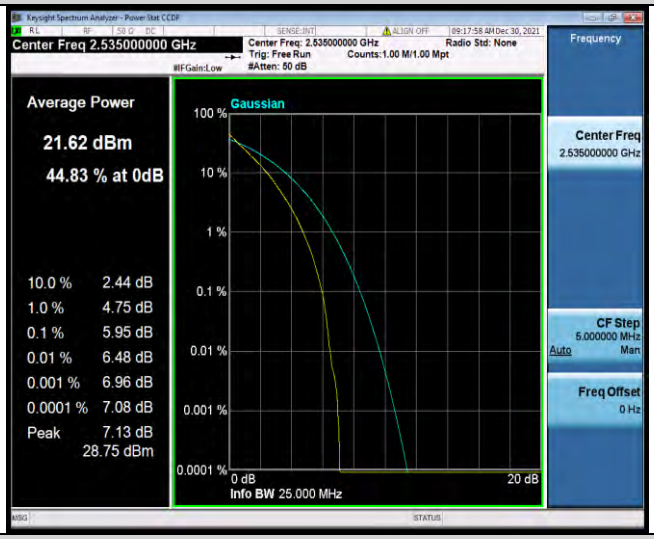
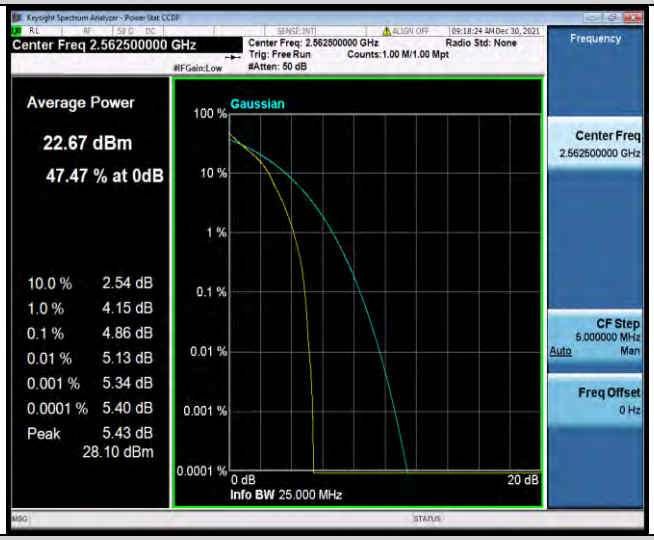
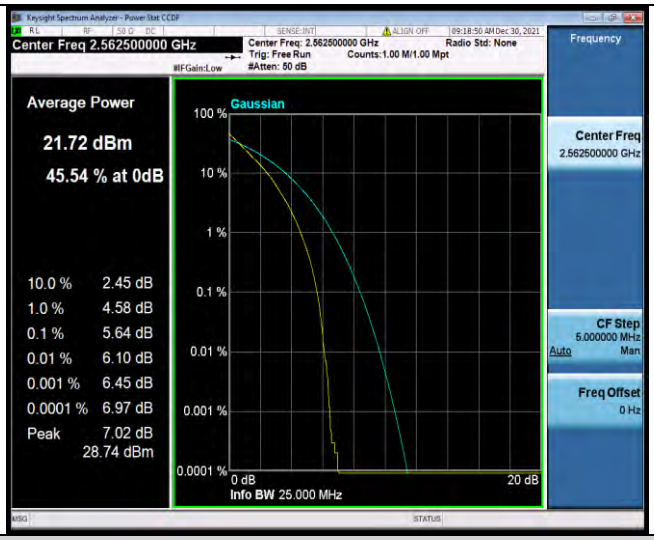


Band7-15MHz-QPSK-21375-1RB#0



Band7-15MHz-QPSK-21375-75RB#0



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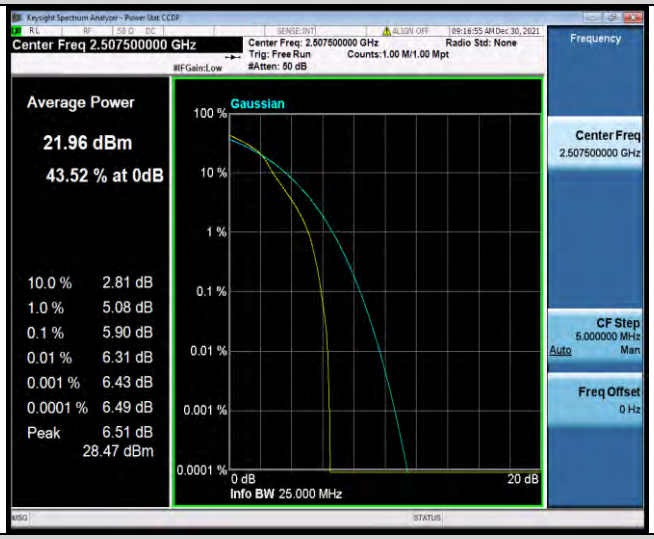

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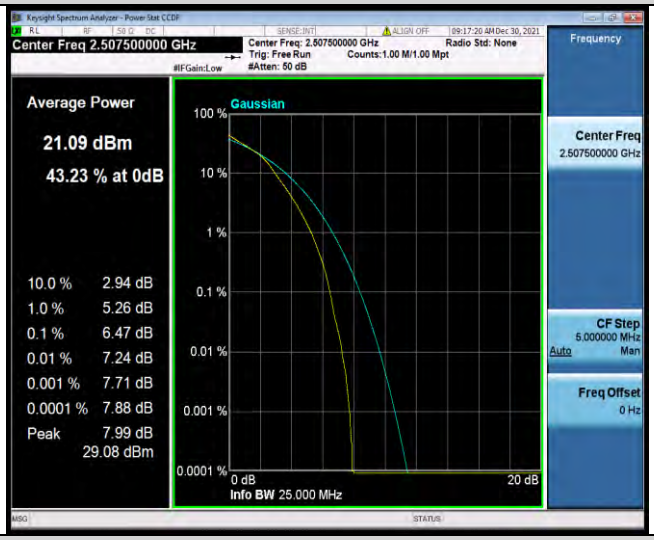

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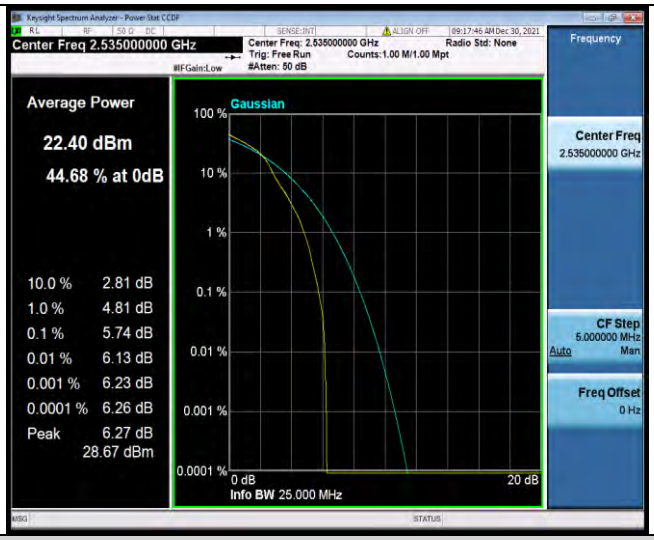

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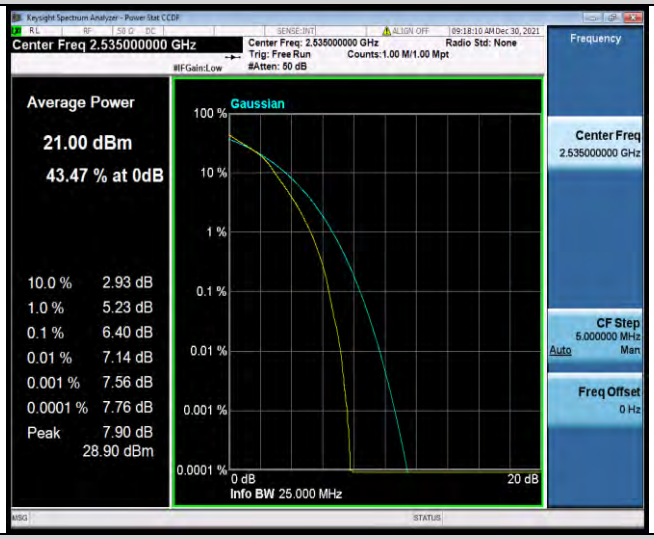

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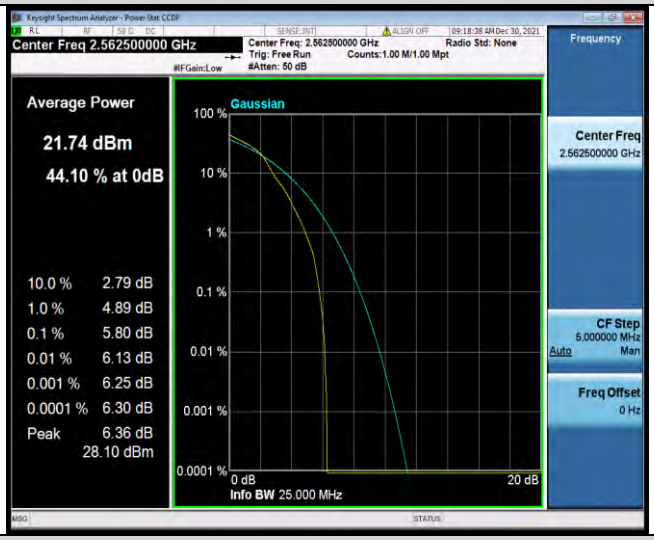

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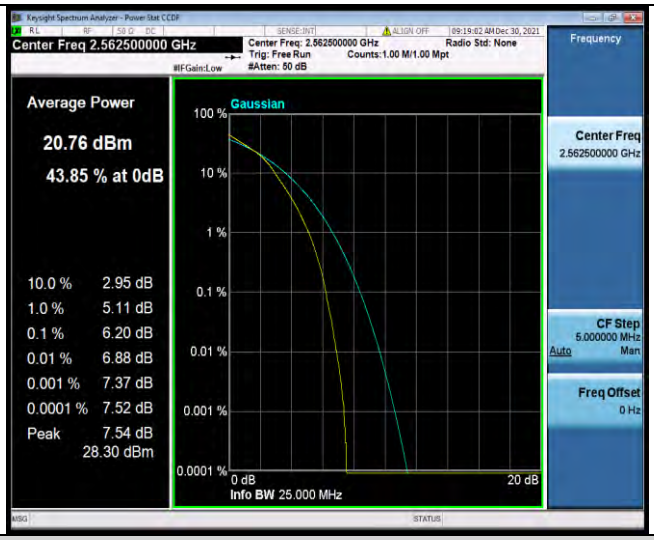

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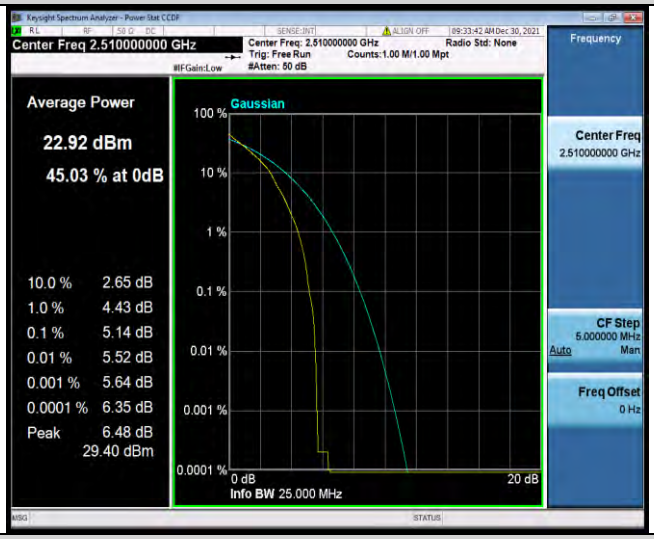

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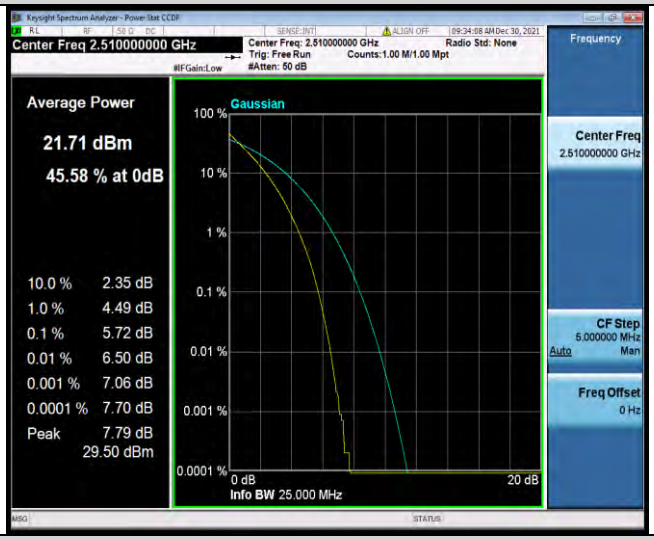

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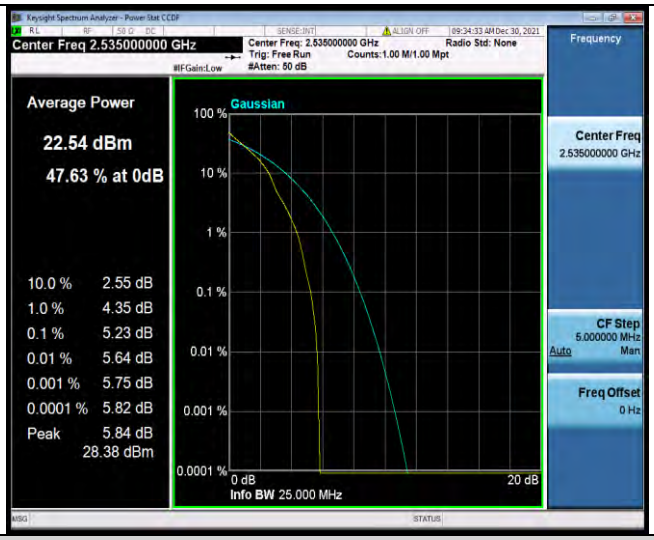

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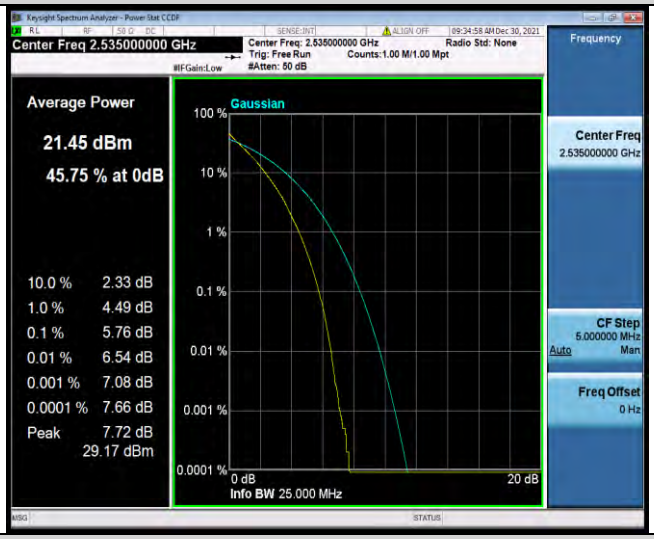

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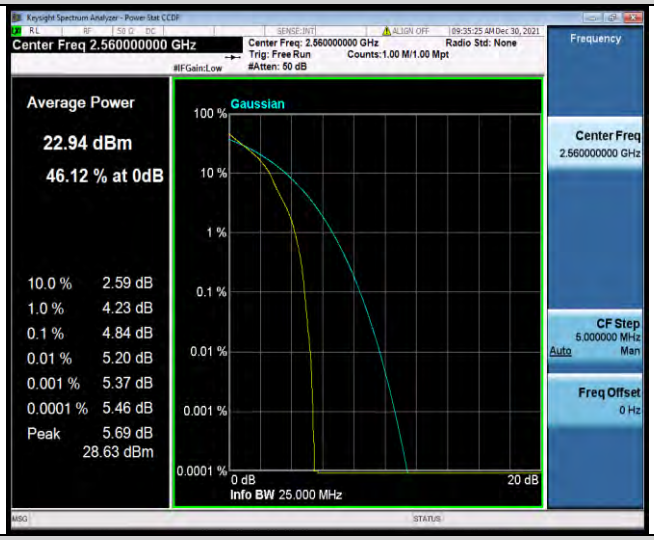

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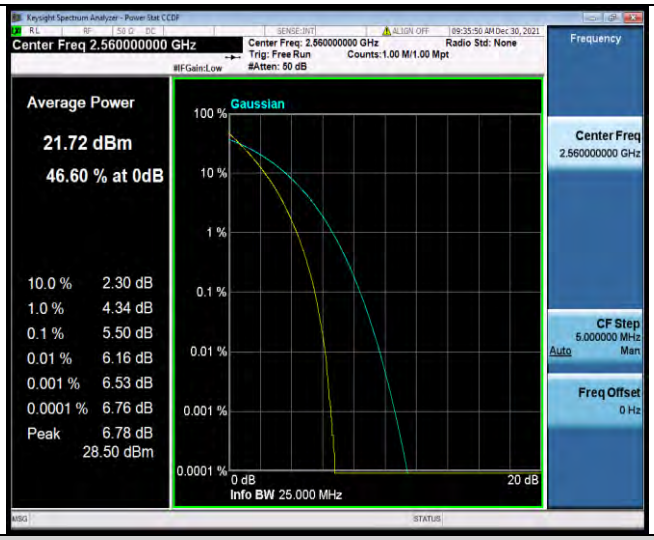

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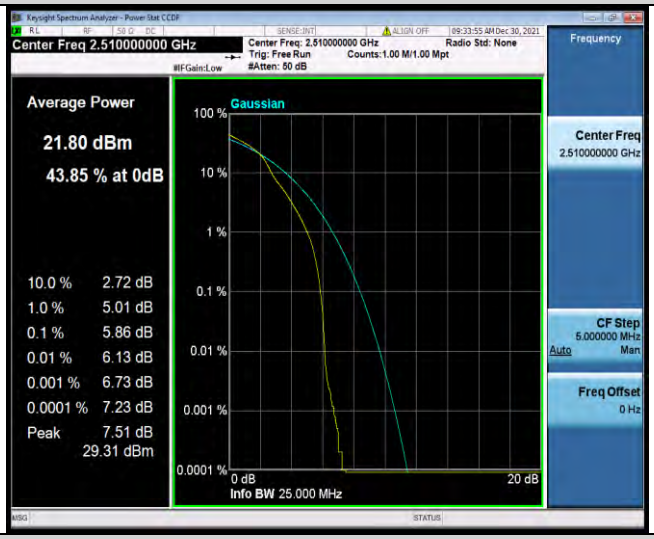
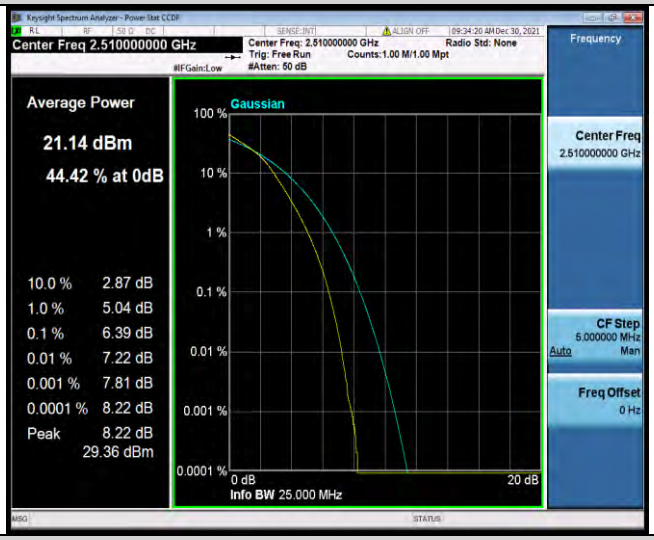
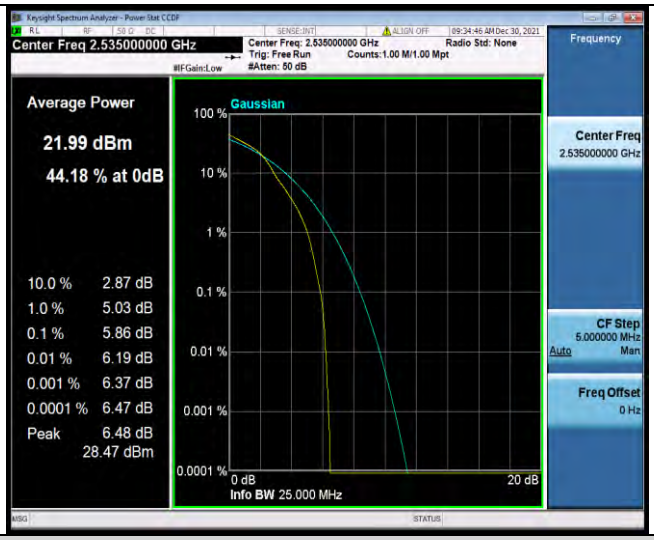


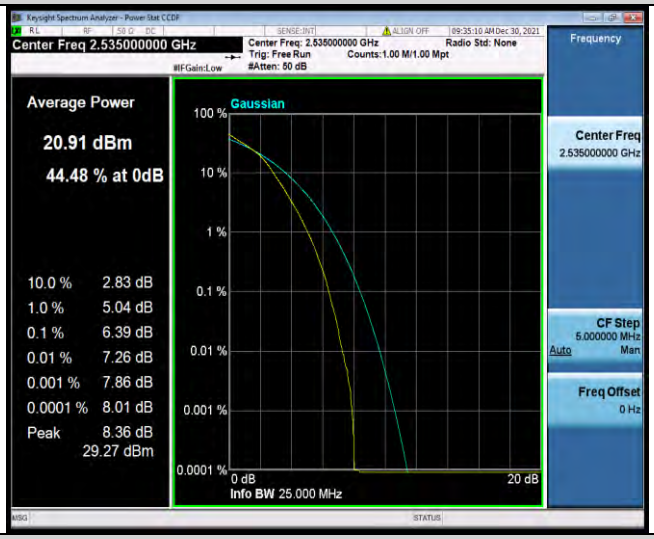
Band7-20MHz-16QAM-20850-100RB#0



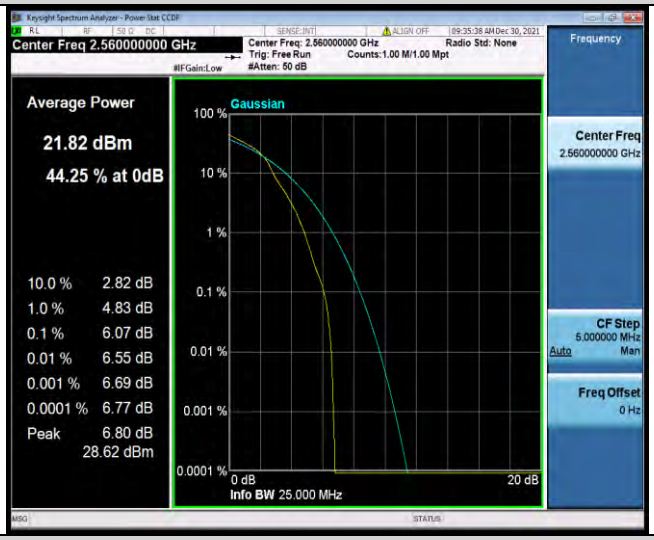
Band7-20MHz-16QAM-21100-1RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-1RB#0



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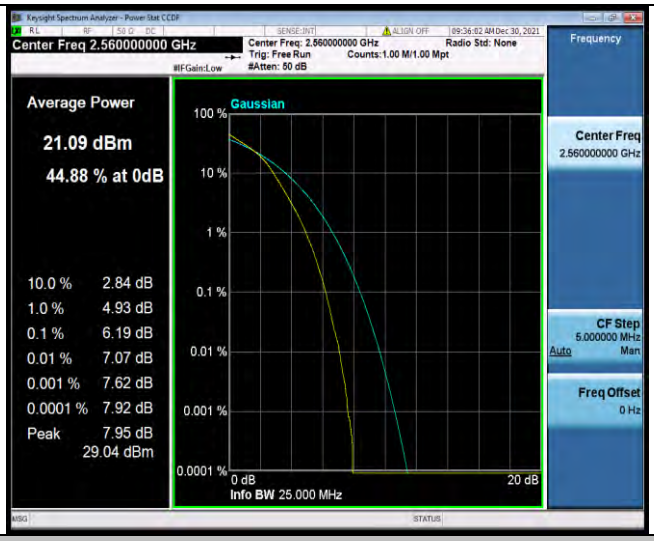
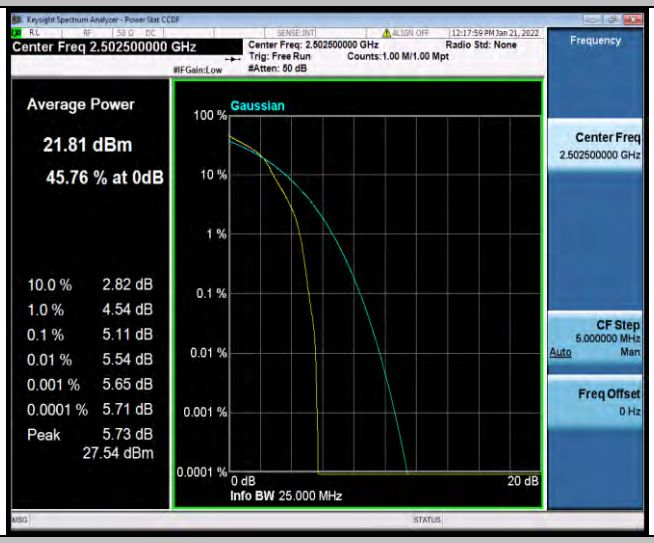


Band7-5MHz-64QAM-20775-1RB#0



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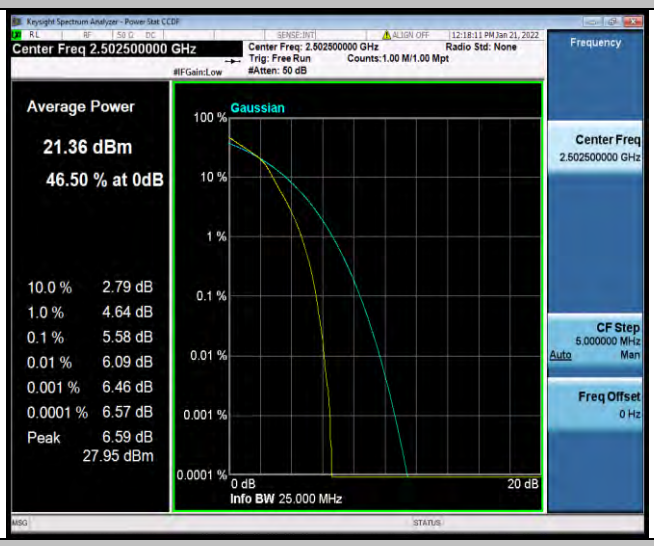

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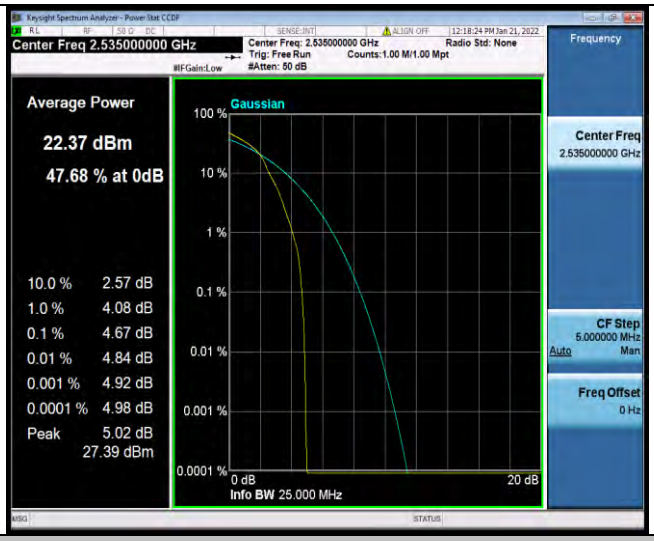

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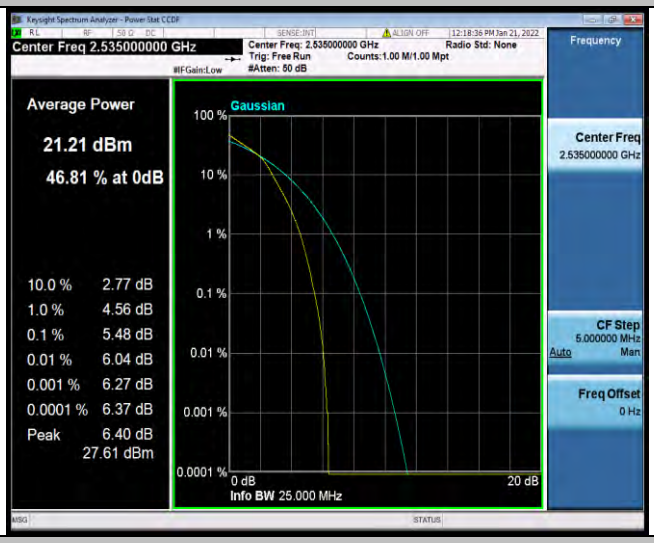

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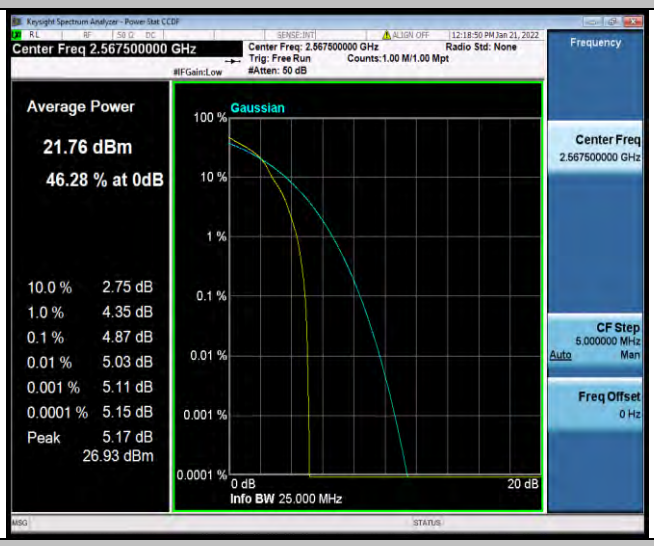

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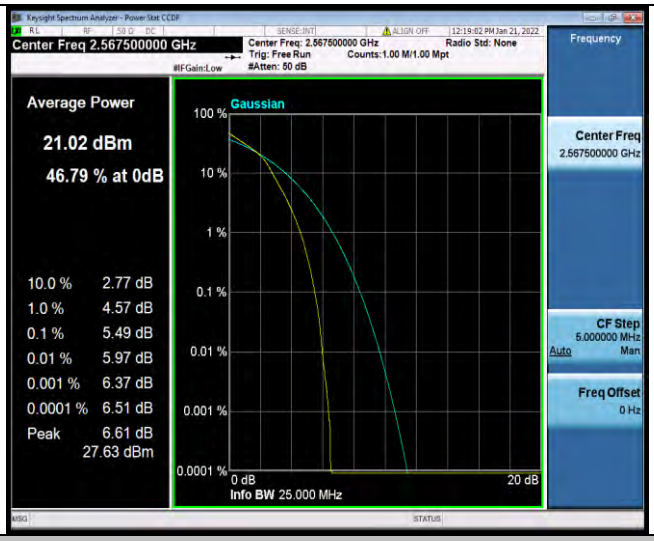

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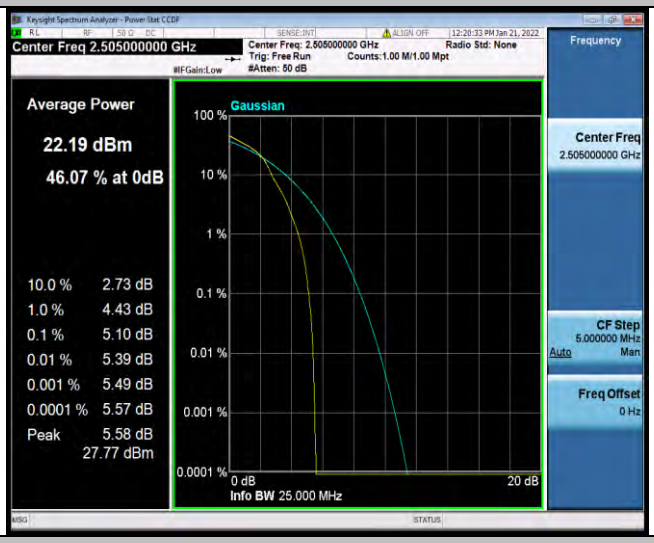

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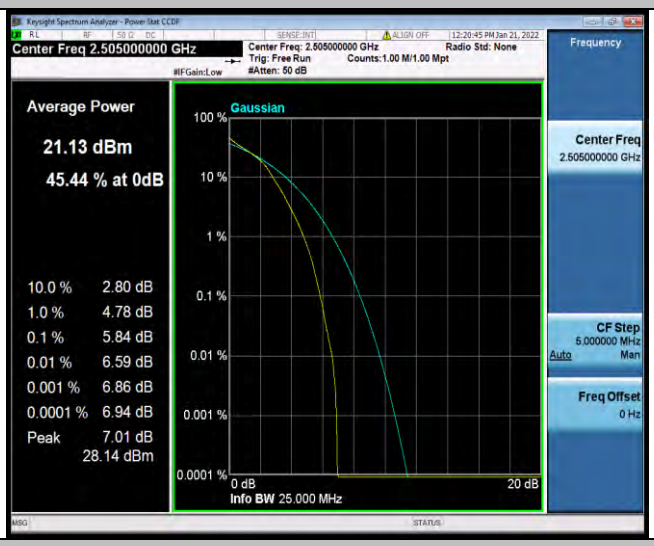
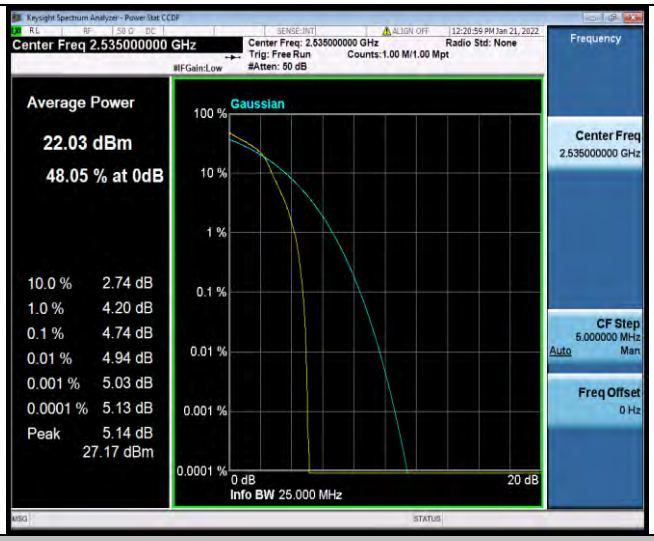


Band7-10MHz-64QAM-21100-1RB#0



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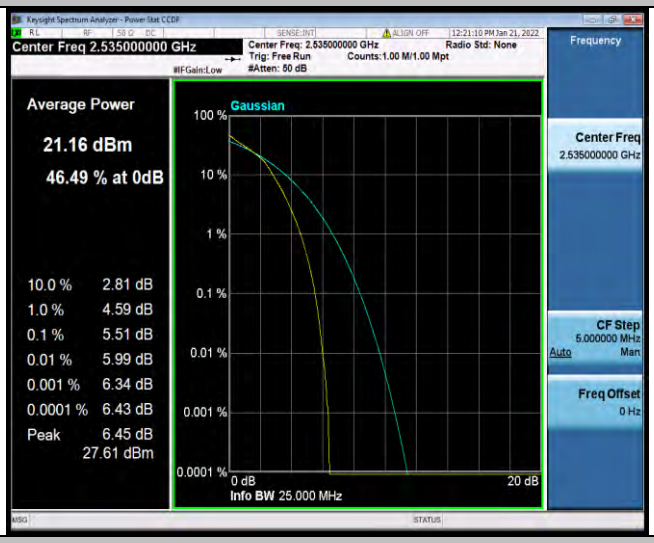
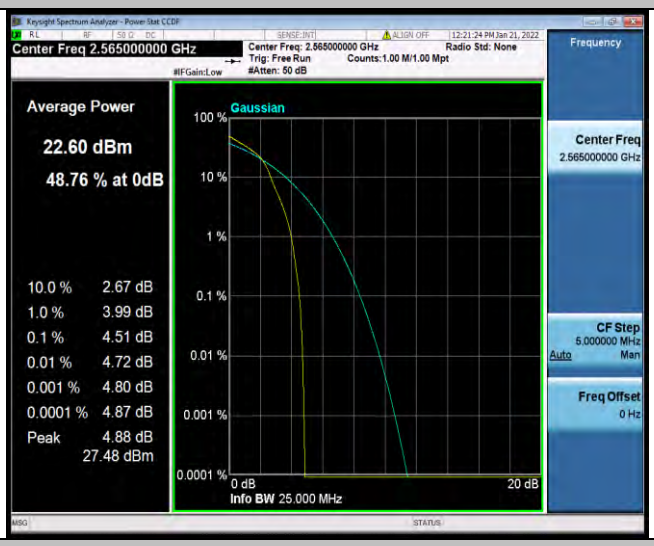
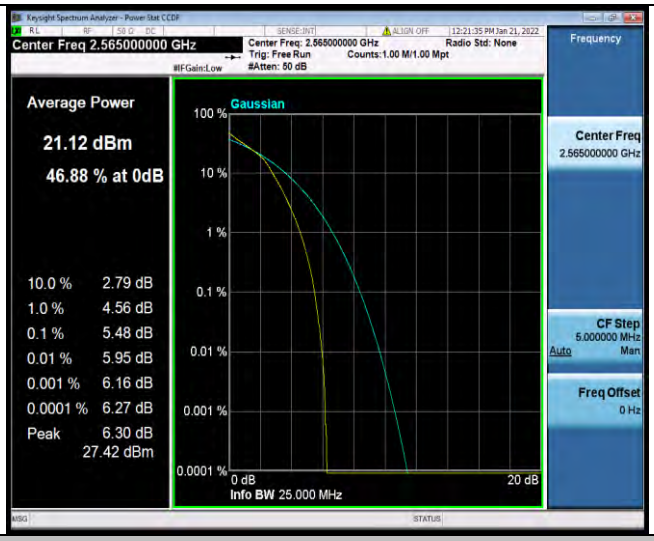


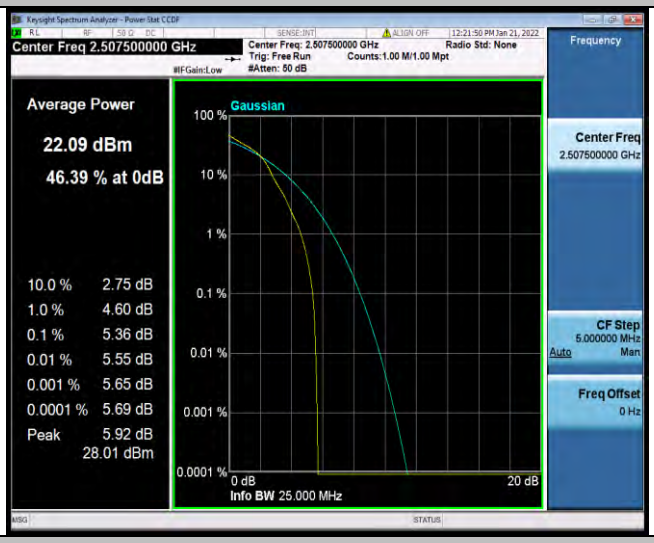
Band7-10MHz-64QAM-21400-1RB#0



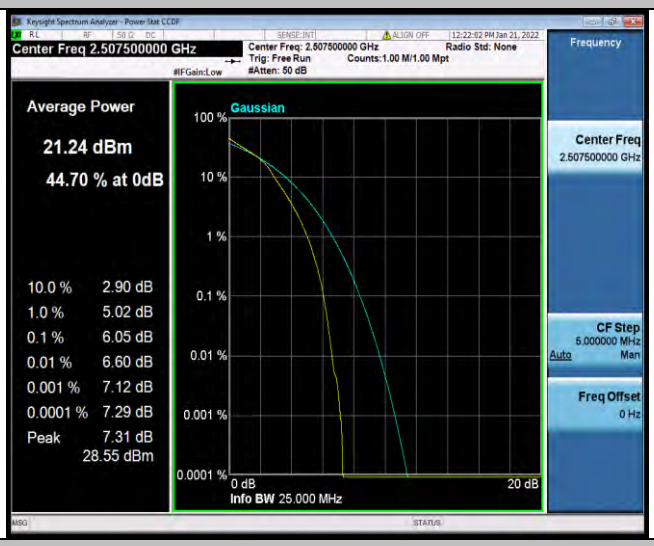
Band7-10MHz-64QAM-21400-50RB#0



Band7-15MHz-64QAM-20825-1RB#0



Band7-15MHz-64QAM-20825-75RB#0



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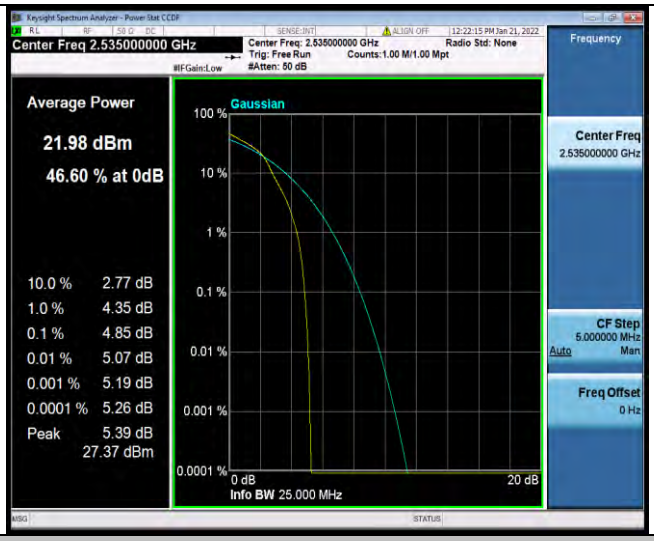
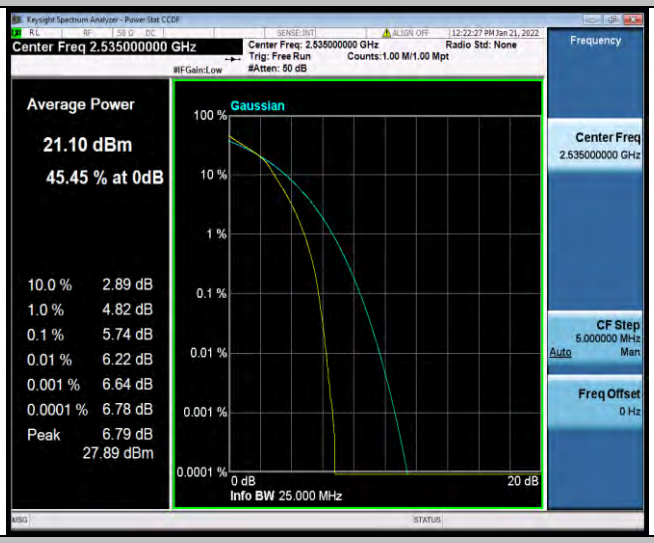
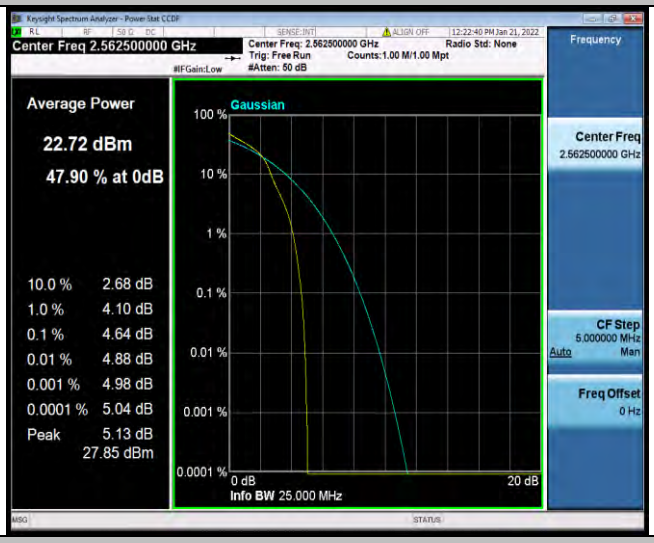


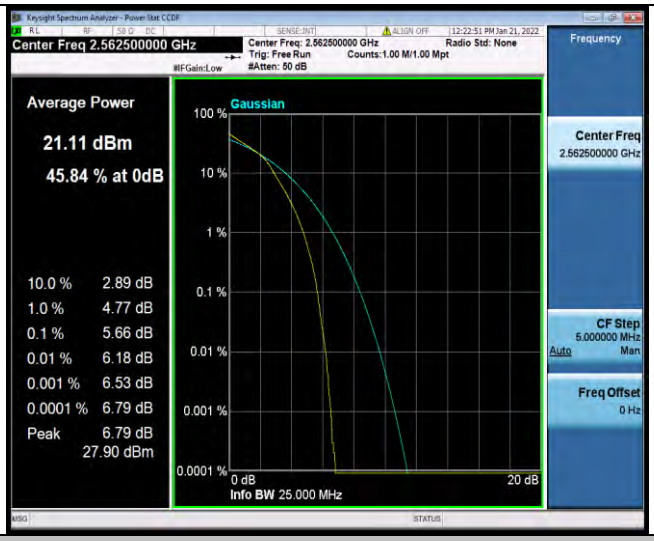
Band7-15MHz-64QAM-21100-75RB#0



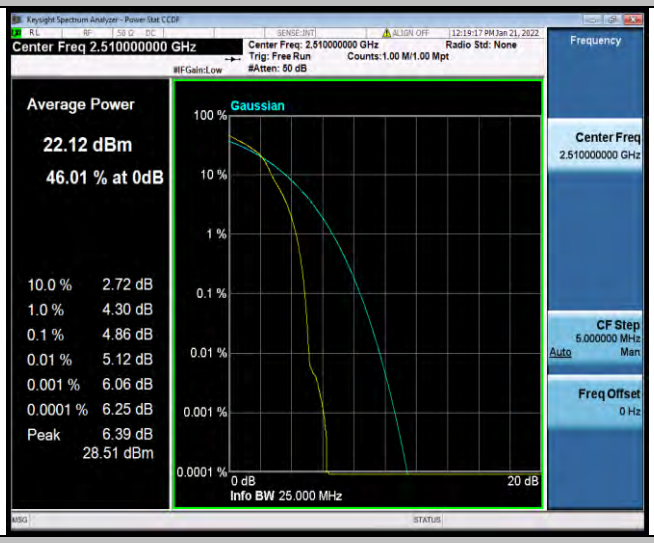
Band7-15MHz-64QAM-21375-1RB#0



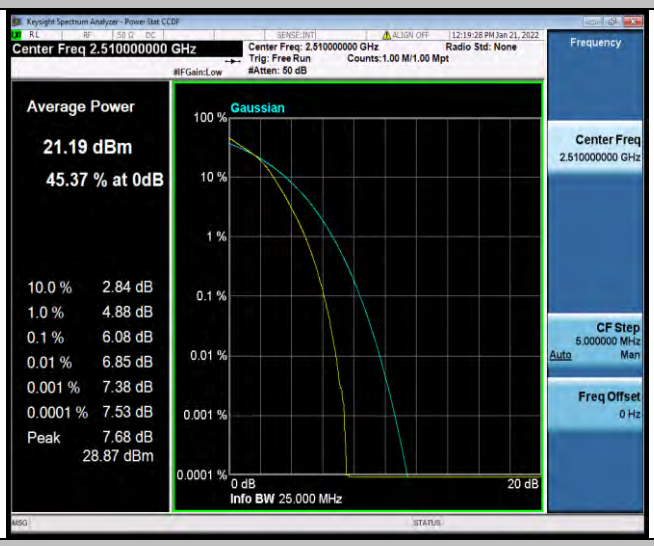
Band7-15MHz-64QAM-21375-75RB#0



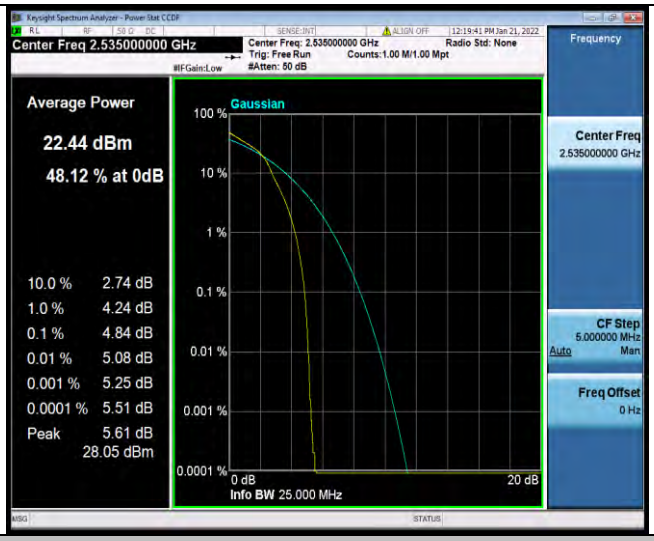
Band7-20MHz-64QAM-20850-1RB#0



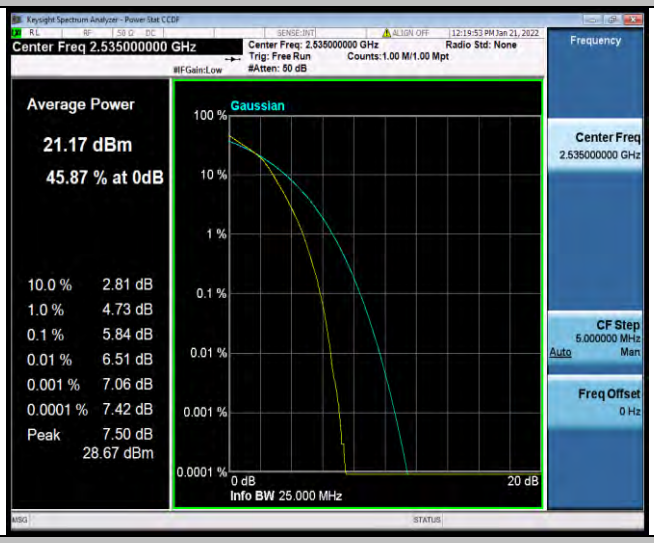
Band7-20MHz-64QAM-20850-100RB#0



Band7-20MHz-64QAM-21100-1RB#0



Band7-20MHz-64QAM-21100-100RB#0



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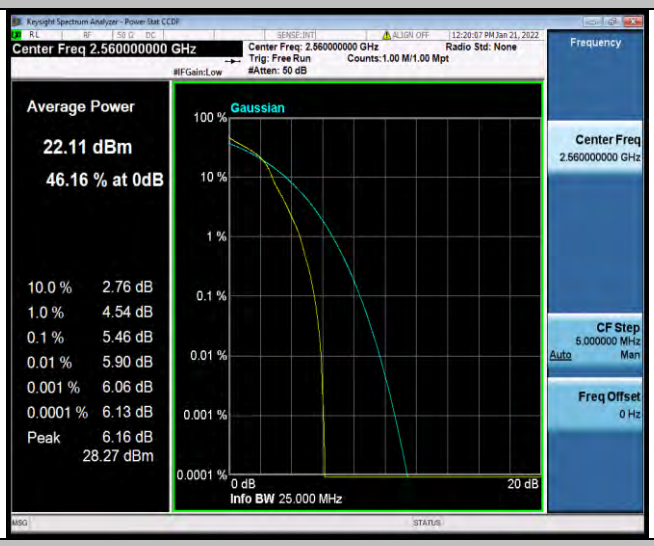
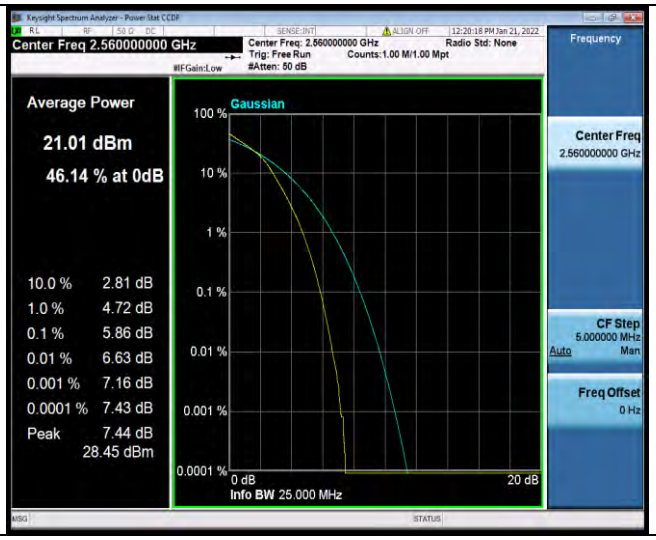


Band7-20MHz-64QAM-21350-100RB#0


Keysight Spectrum Analyzer - Power Stat CCDF
Center Freq 2.560000000 GHz
Center Freq: 2.560000000 GHz
Trig: Free Run
#Atten: 50 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
21.01 dBm
46.14 % at 0dB
10.0 % 2.81 dB
1.0 % 4.72 dB
0.1 % 5.86 dB
0.01 % 6.63 dB
0.001 % 7.16 dB
0.0001 % 7.43 dB
Peak 7.44 dB
28.45 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
2.560000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4933	4.892	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4988	4.885	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5041	4.868	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4982	4.872	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4996	4.862	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5055	4.861	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9925	9.556	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9868	9.608	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9751	9.578	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9735	9.623	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9818	9.604	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9737	9.587	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.482	14.33	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.466	14.37	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.444	14.24	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.478	14.32	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.458	14.32	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.447	14.33	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.987	19.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.970	19.07	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.943	19.01	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.977	19.06	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.985	19.06	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.936	19.02	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	64QAM	20775	25RB#0	4.4989	4.866	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.4986	4.935	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.5045	4.852	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.9756	9.578	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9804	9.565	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.9658	9.572	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.460	14.31	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.459	14.35	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.464	14.32	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.978	19.06	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.983	19.03	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.968	19.05	PASS