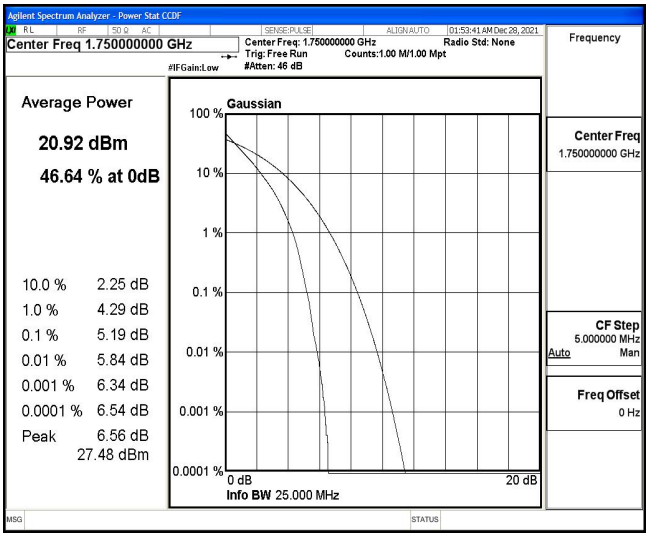
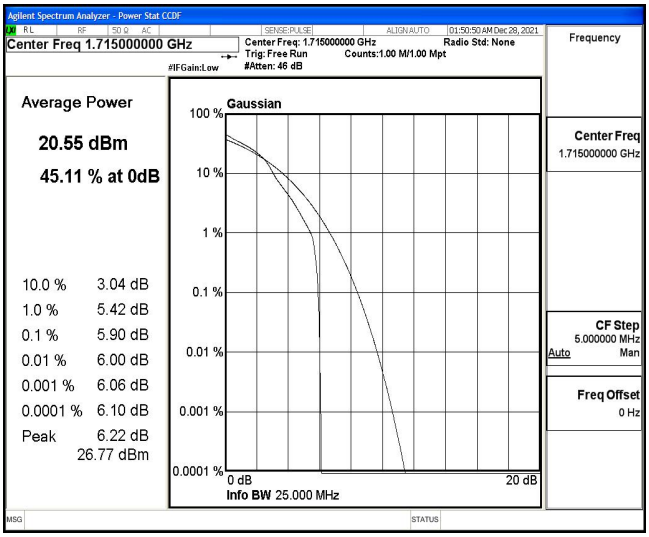


Band4-10MHz-16QAM-20000-1RB#0



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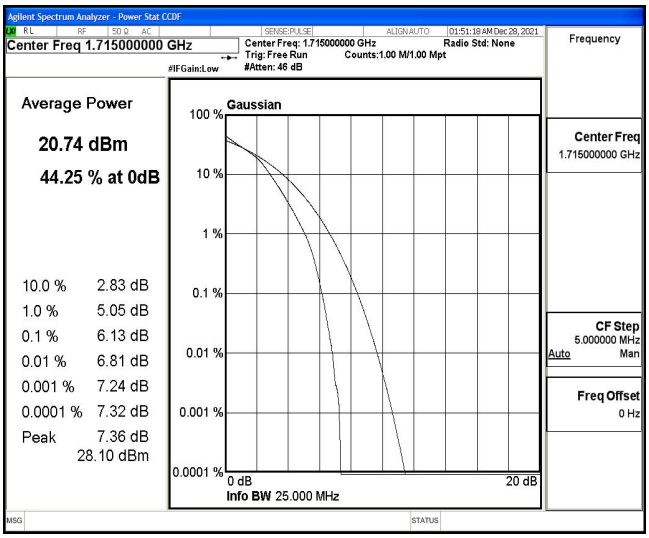
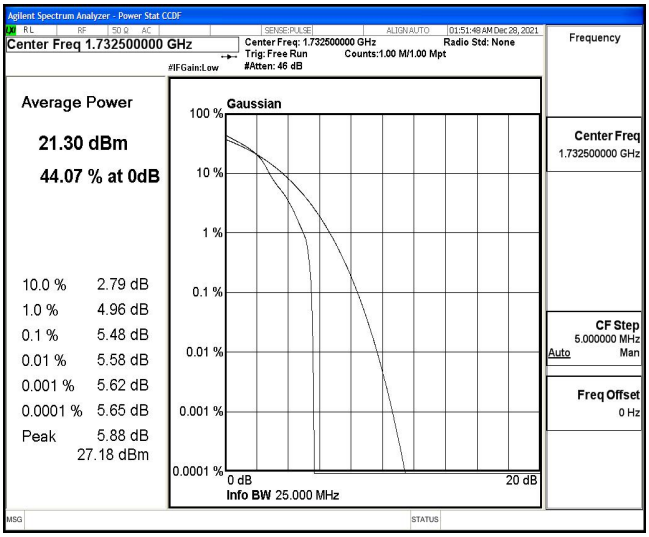


Band4-10MHz-16QAM-20175-1RB#0



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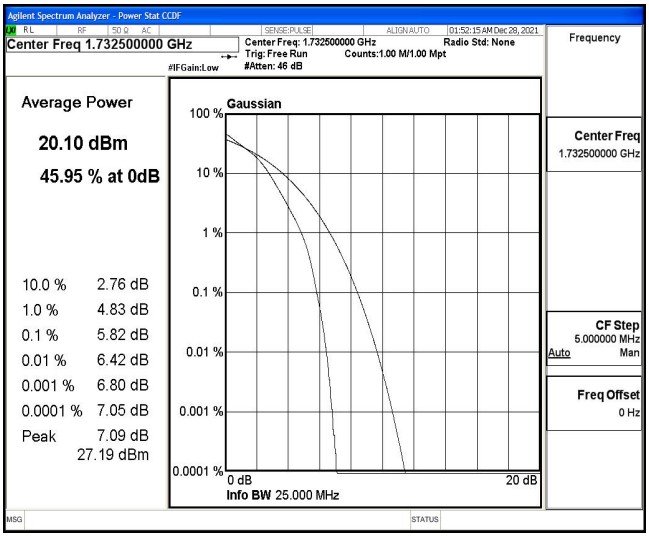

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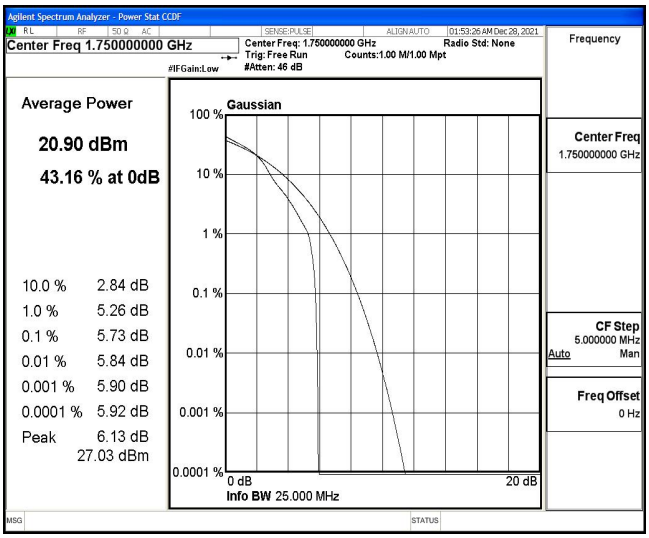

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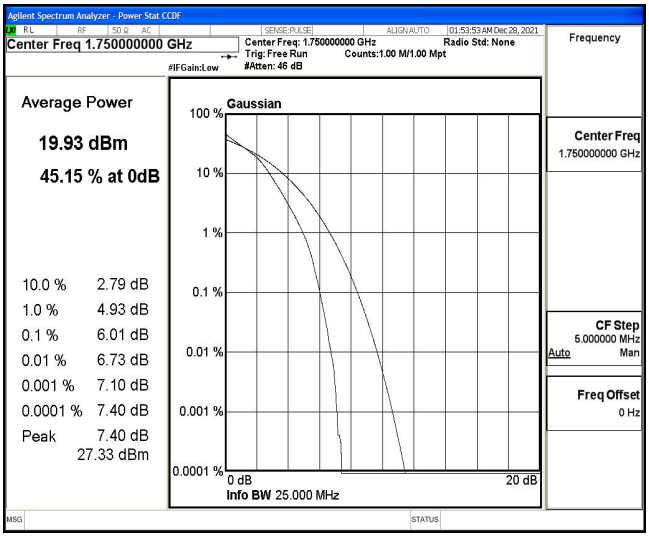

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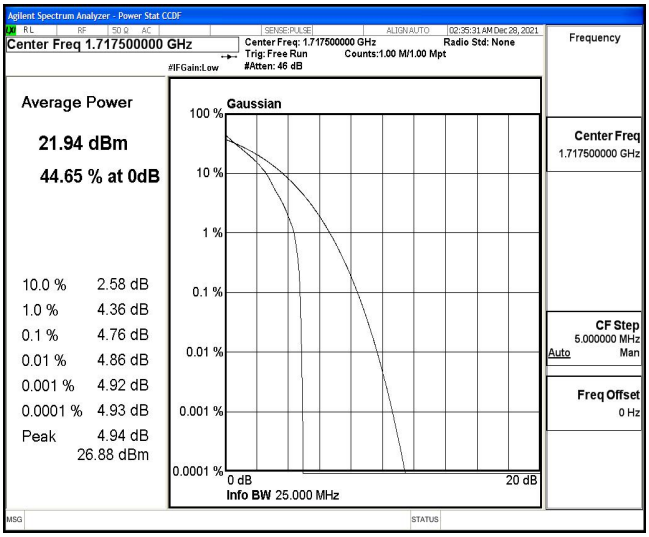

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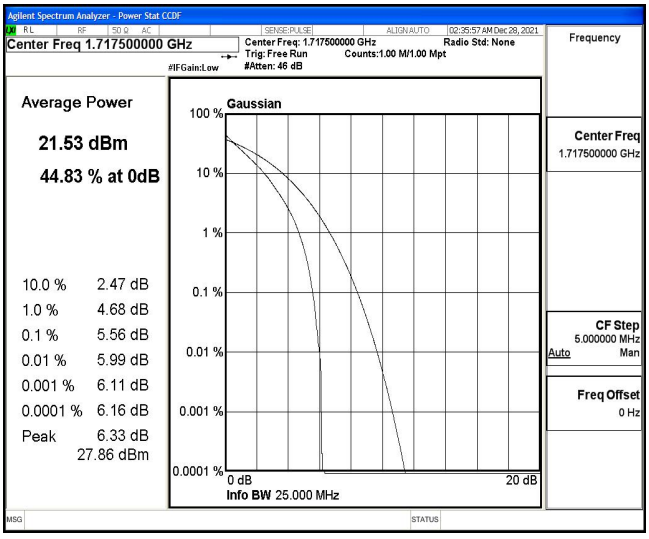

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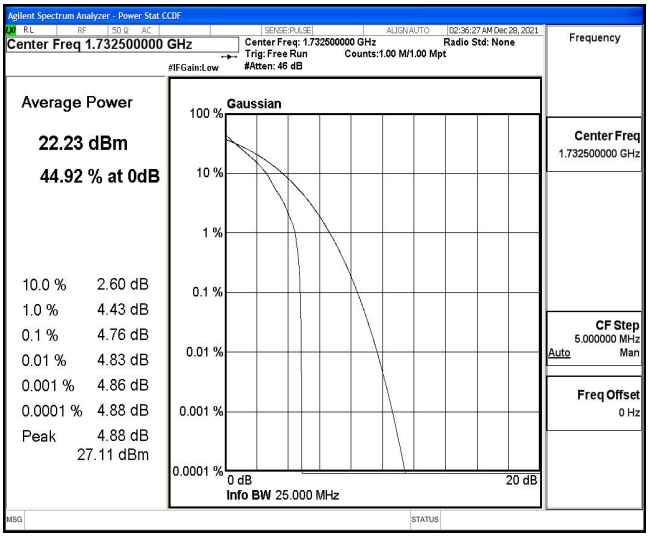

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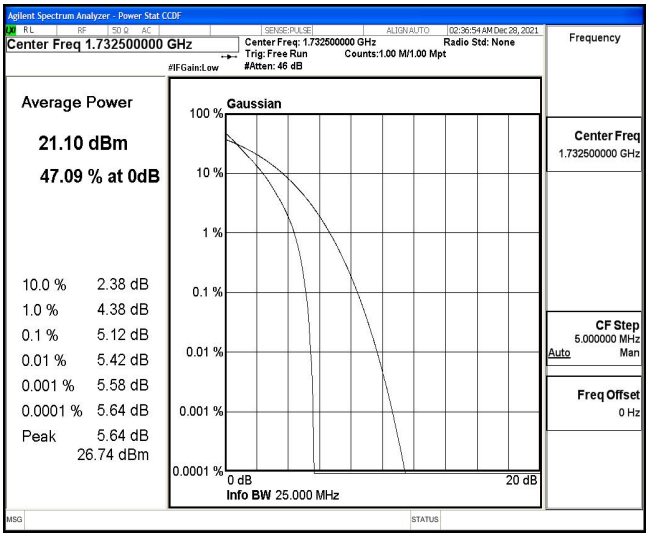

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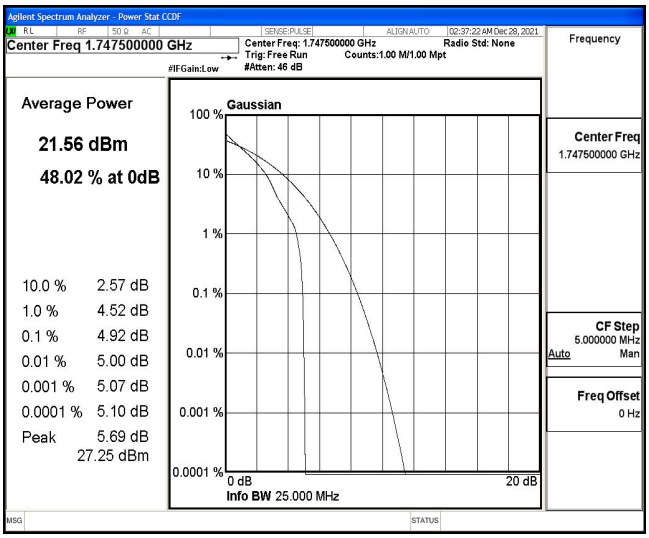

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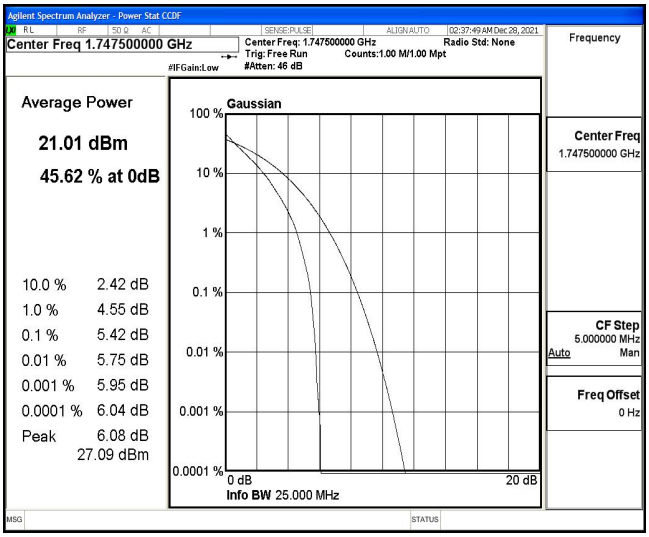

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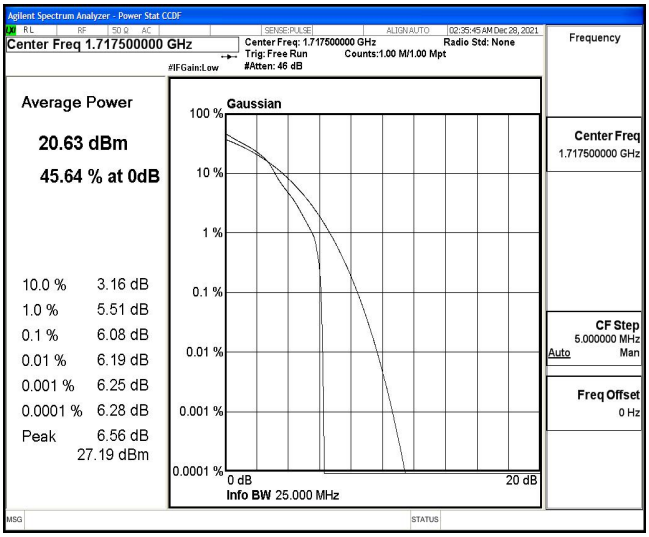

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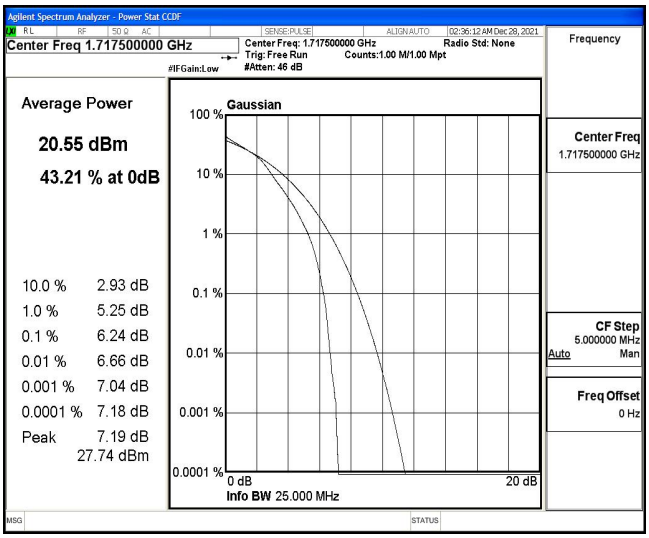

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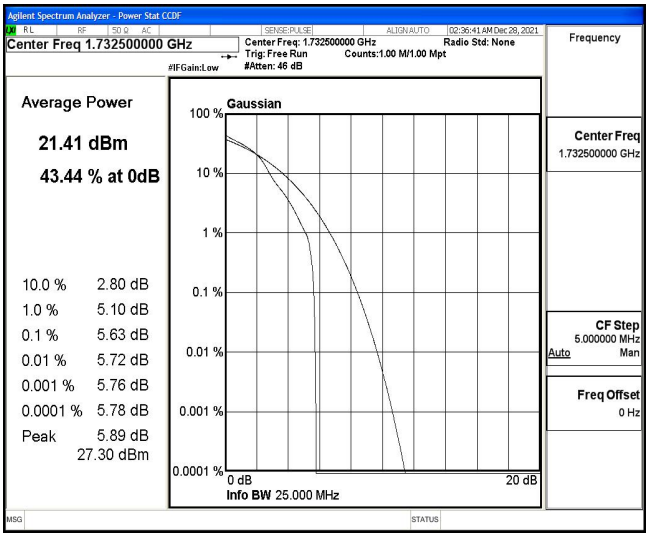

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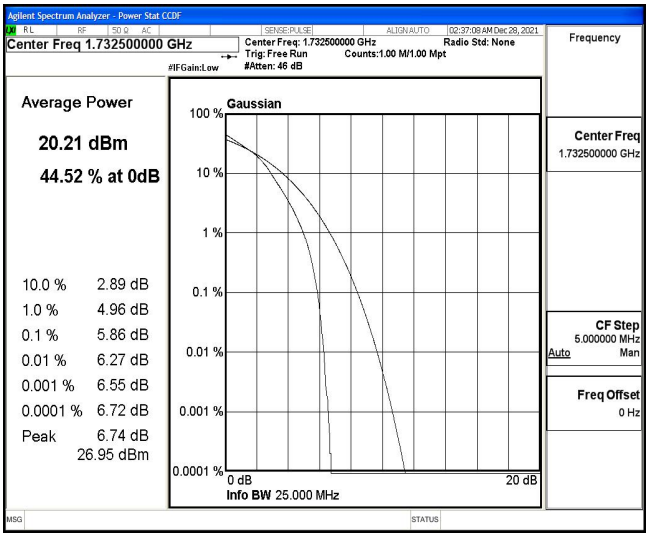

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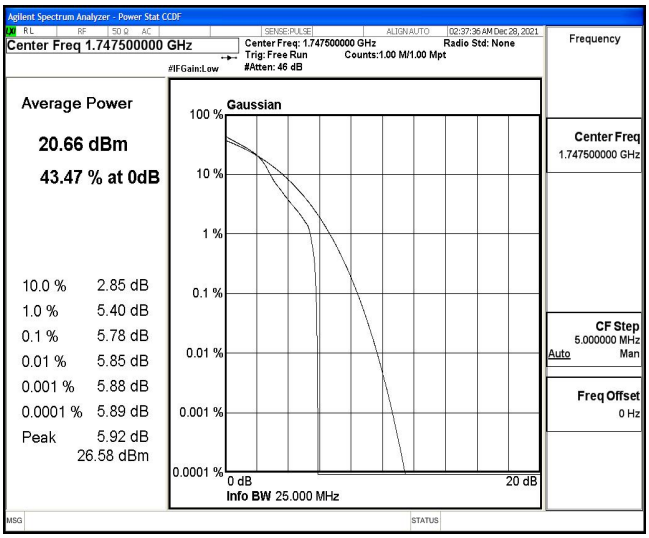

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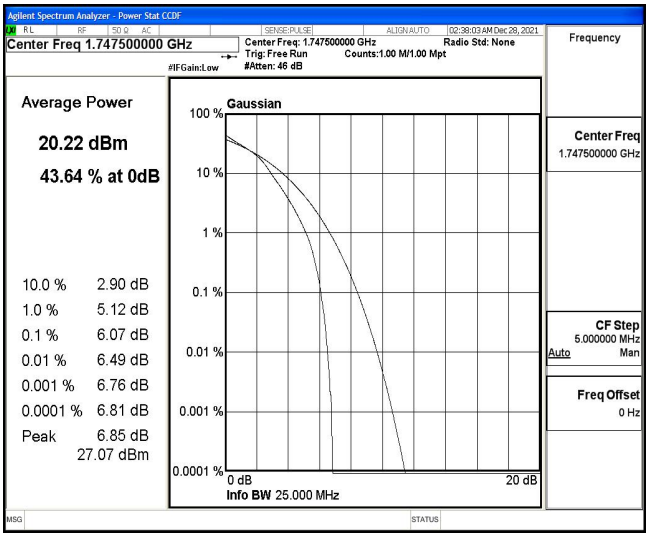

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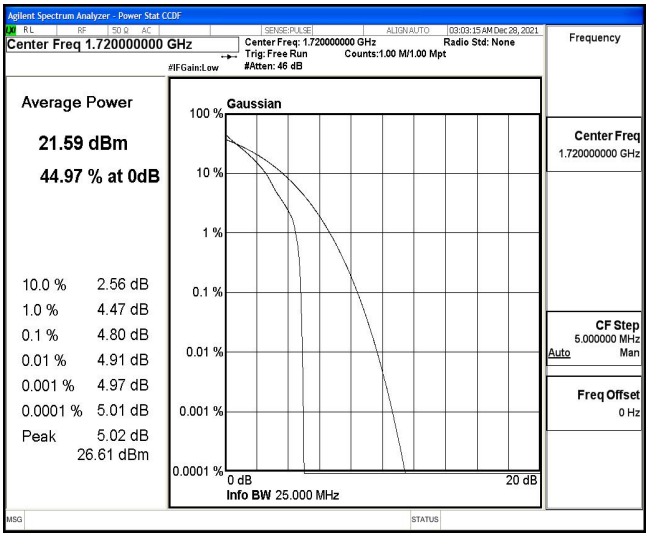

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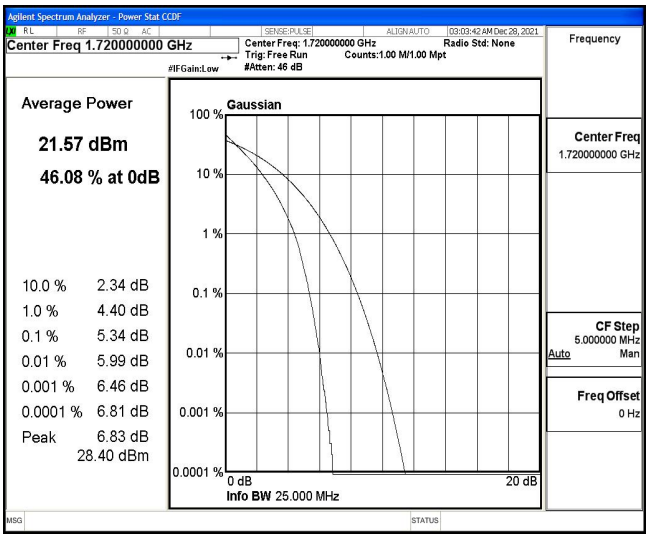

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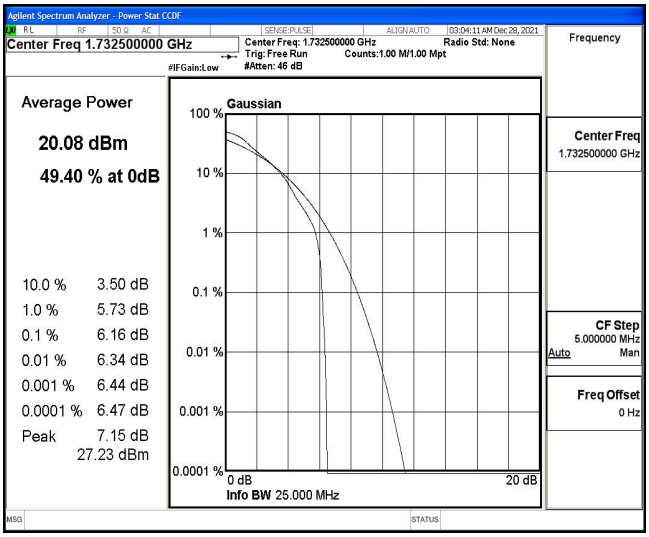

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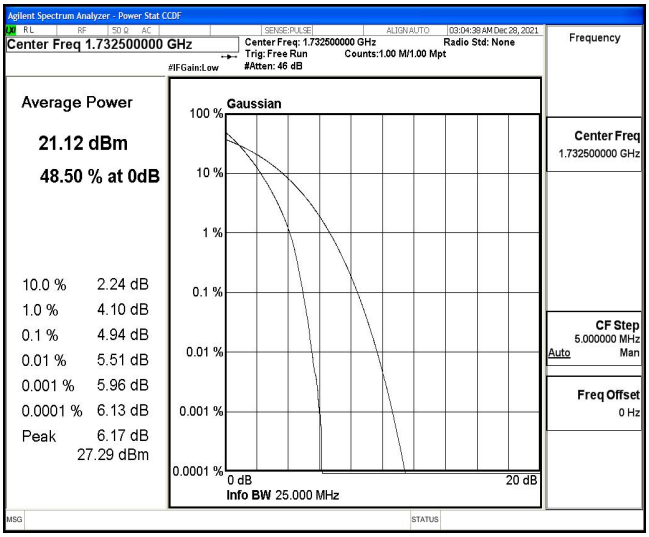

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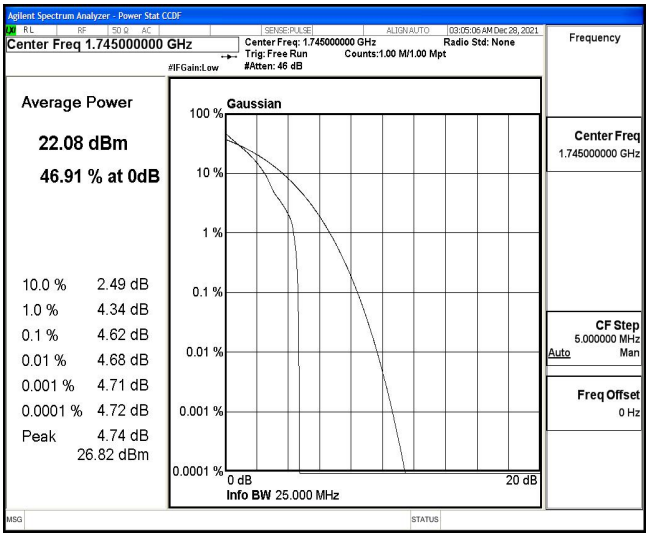

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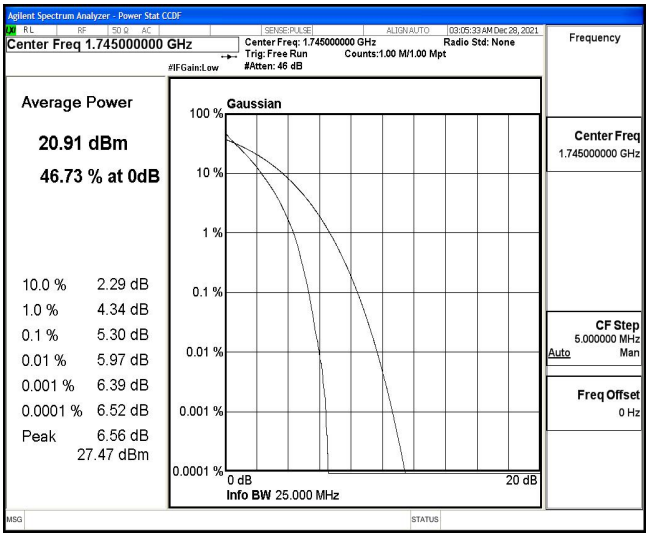

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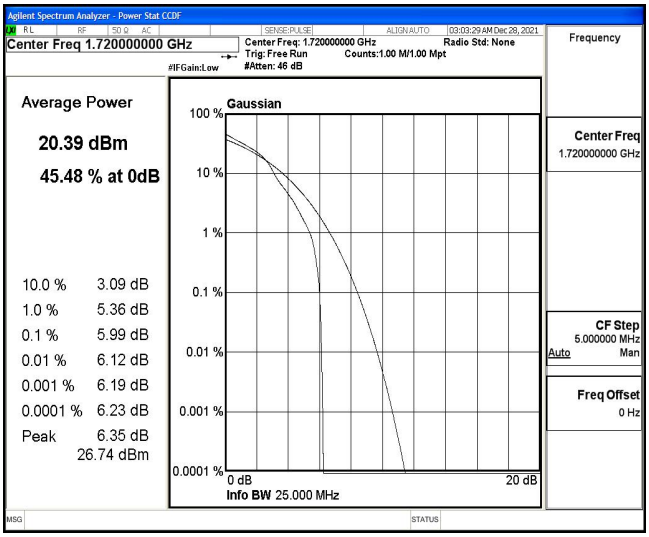

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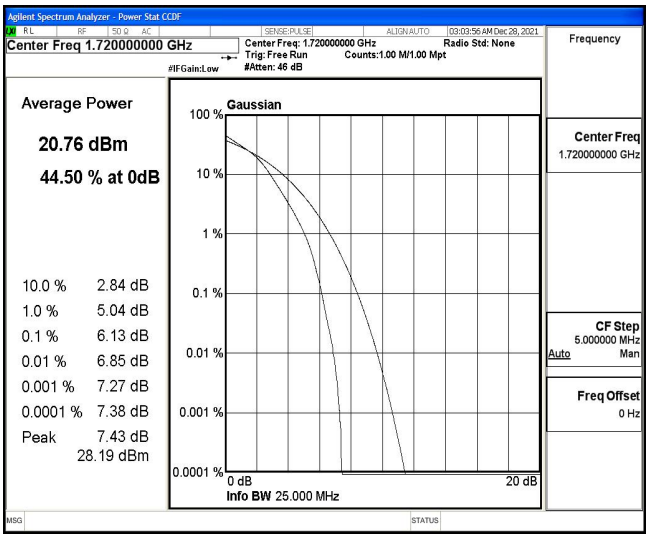

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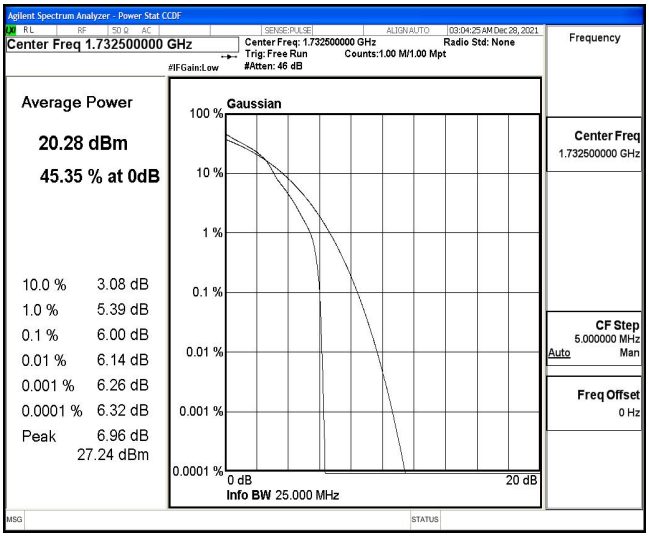

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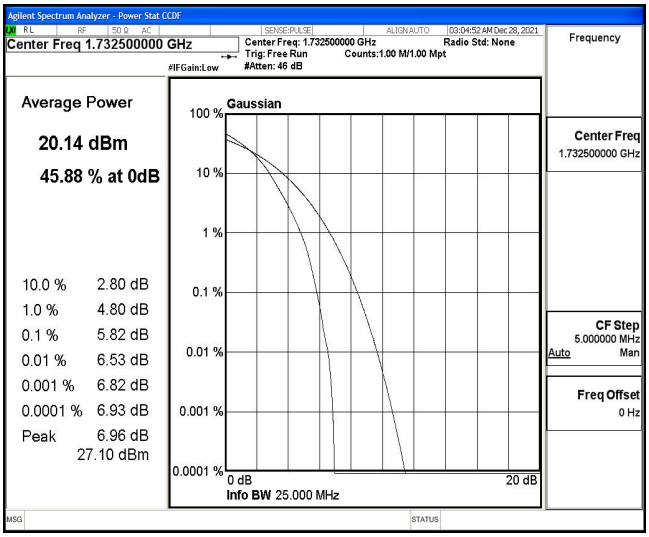

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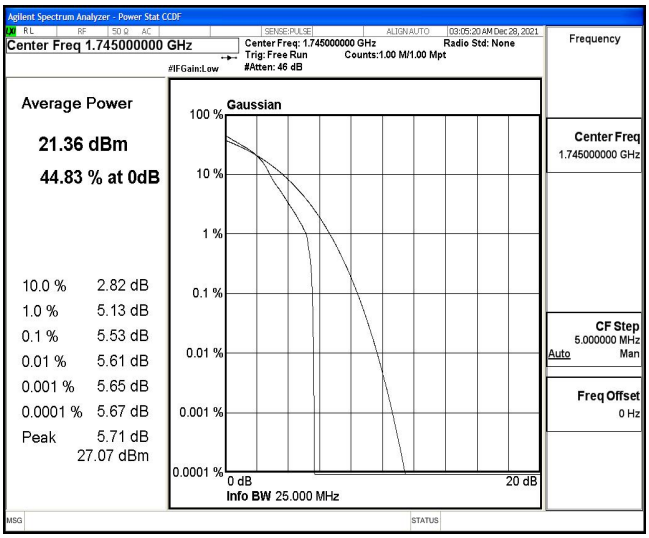
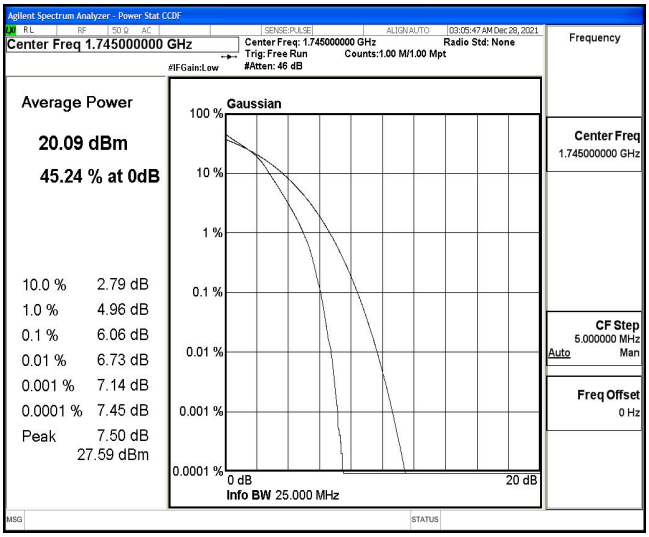


Band4-20MHz-16QAM-20300-100RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
20.09 dBm
45.24 % at 0dB
10.0 % 2.79 dB
1.0 % 4.96 dB
0.1 % 6.06 dB
0.01 % 6.73 dB
0.001 % 7.14 dB
0.0001 % 7.45 dB
Peak 7.50 dB
27.59 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
1.745000000 GHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz
MSG
STATUS

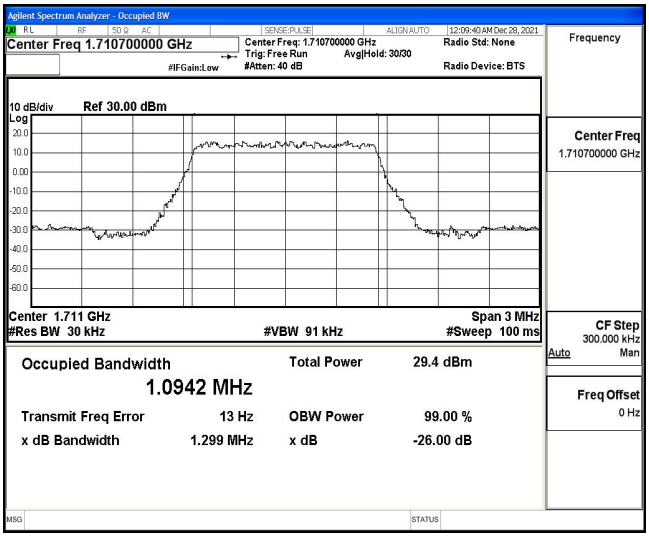
E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

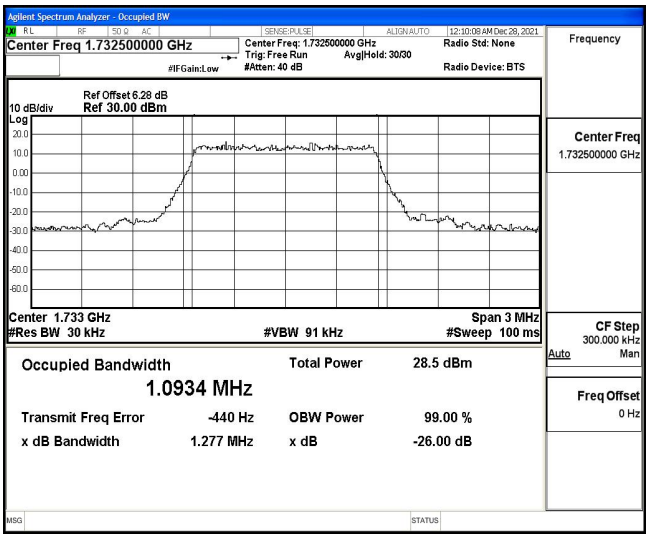
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0942	1.299	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0934	1.277	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0969	1.304	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0971	1.293	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0971	1.287	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0926	1.297	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6962	2.955	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6929	2.959	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7066	2.953	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6956	2.954	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6864	2.947	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6884	2.939	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5185	5.002	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5085	5.024	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5000	4.993	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5020	4.994	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5012	4.959	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5049	5.002	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9775	9.855	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9527	9.900	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9732	9.840	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9744	9.887	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9531	9.800	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9608	9.827	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.461	14.78	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.414	14.68	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.446	14.64	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.453	14.67	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.394	14.54	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.446	14.72	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.993	19.44	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.817	19.31	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.963	19.67	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.992	19.57	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.848	19.33	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.951	19.51	PASS

Test Graphs

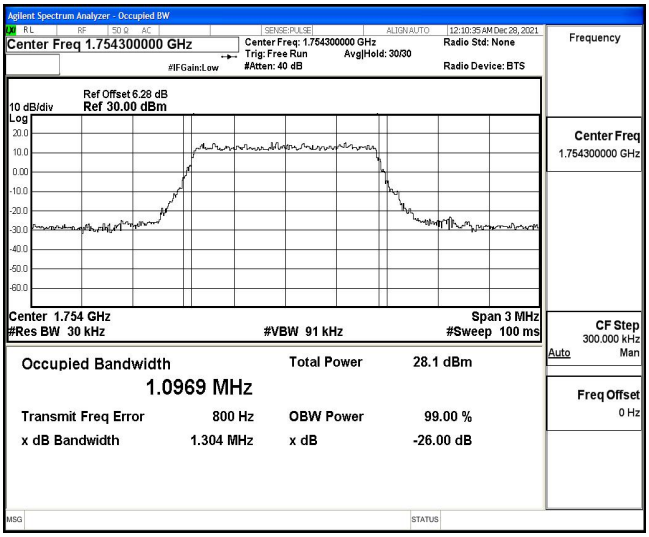
Band4-1.4MHz-QPSK-19957-6RB#0



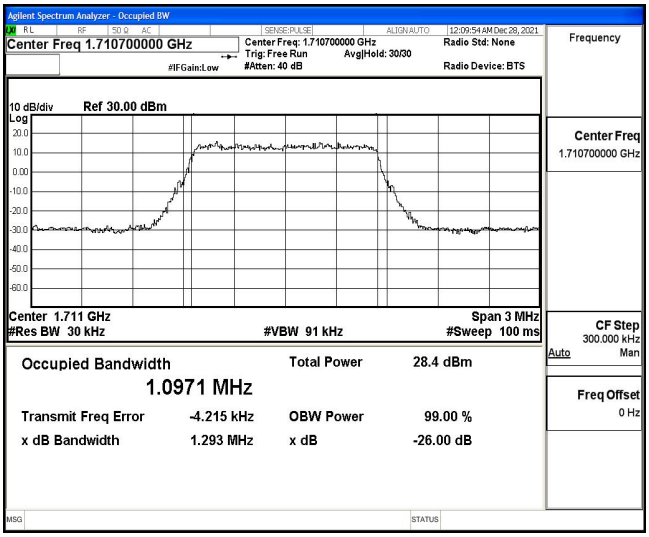
Band4-1.4MHz-QPSK-20175-6RB#0



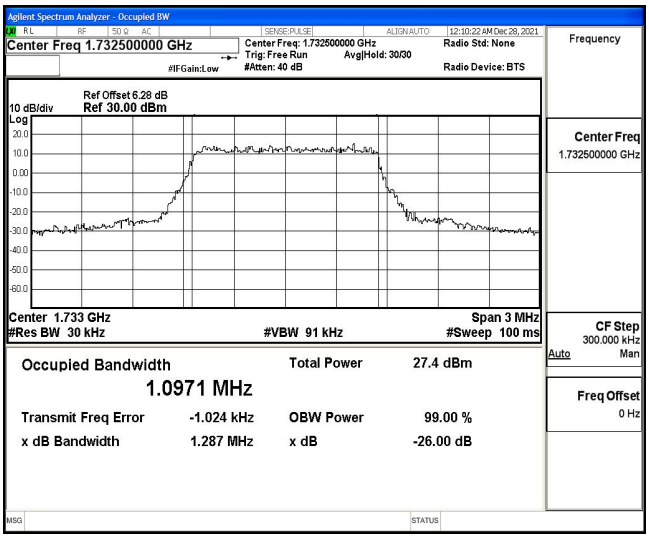
Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20175-6RB#0



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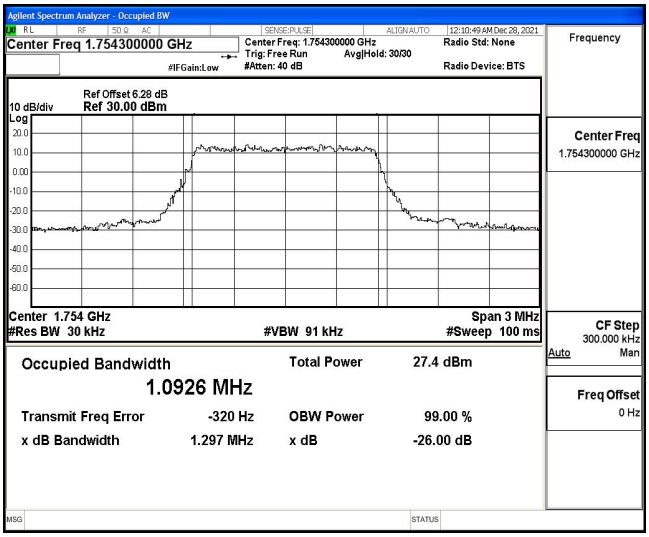

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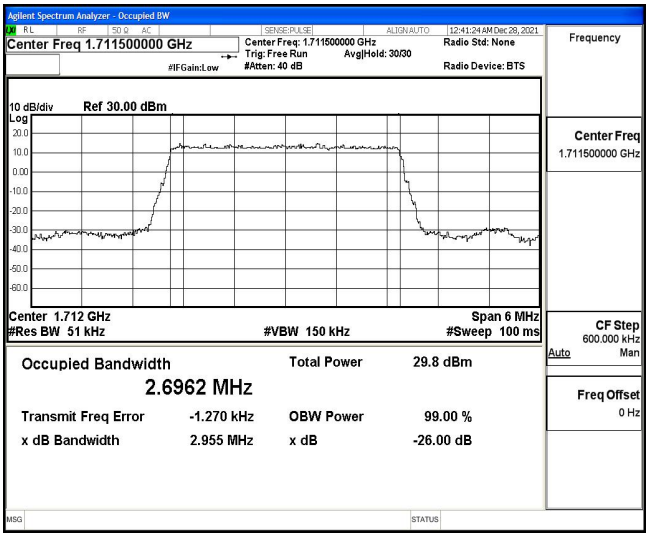
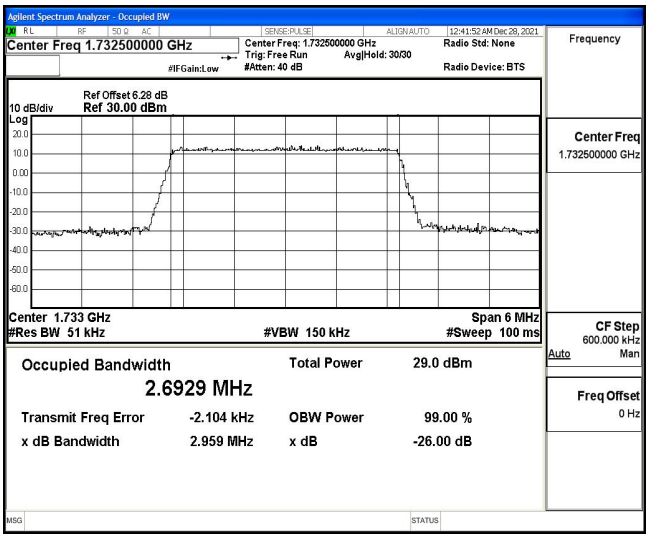


Band4-3MHz-QPSK-20175-15RB#0



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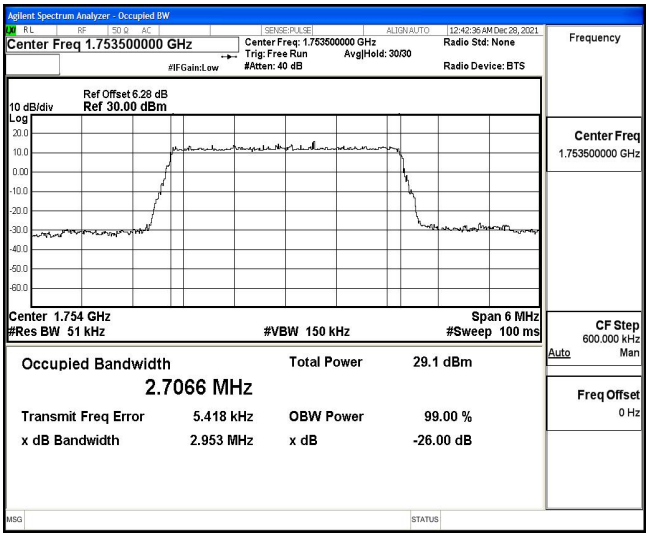
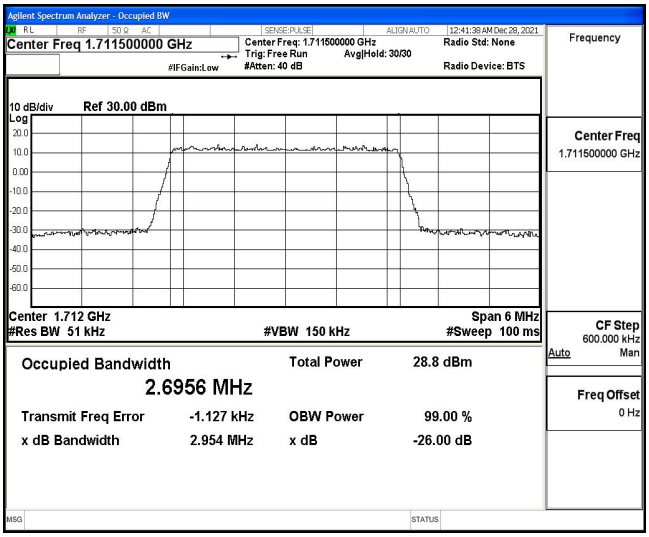
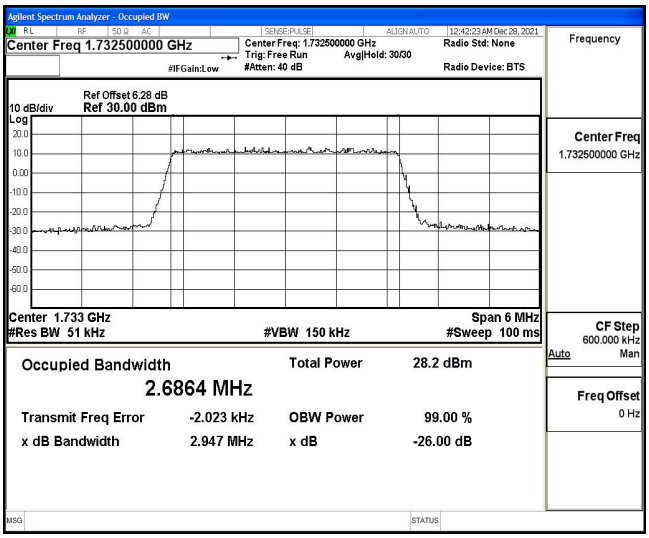


Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20175-15RB#0



Band4-3MHz-16QAM-20385-15RB#0