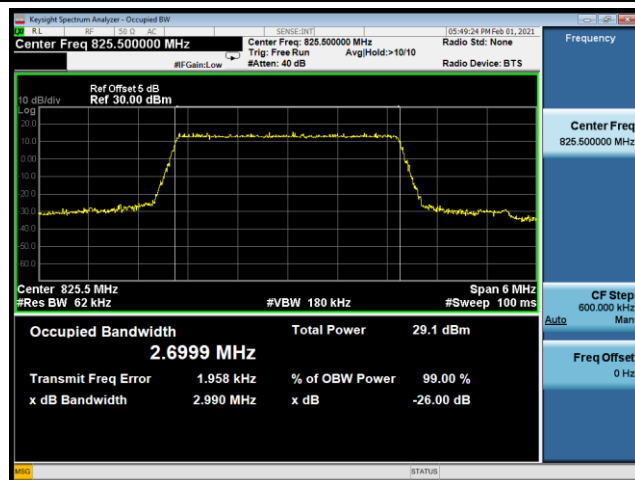
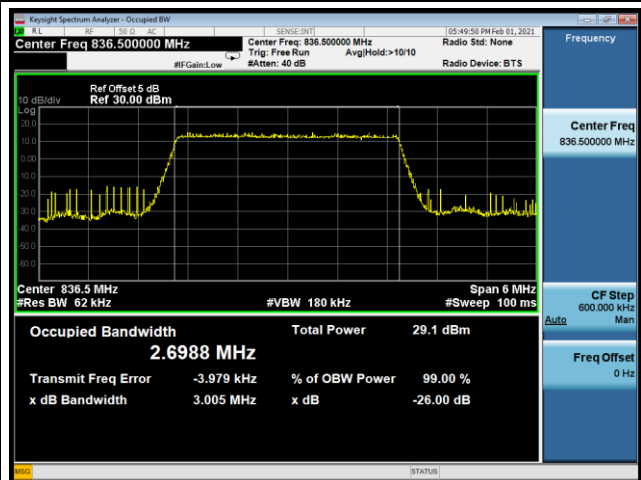


Spectrum Plot

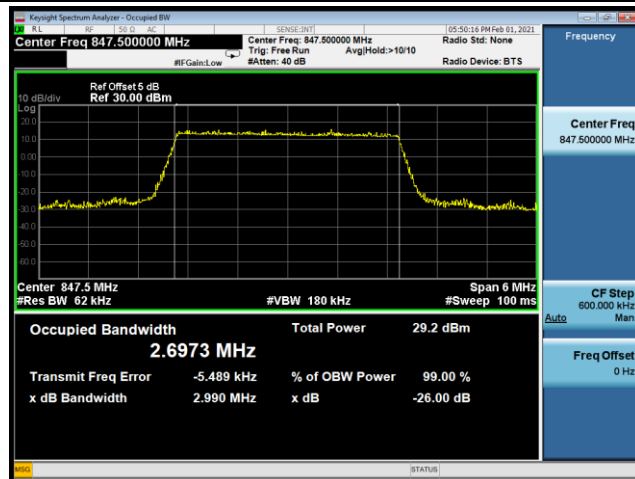
QPSK-20415



QPSK-20525



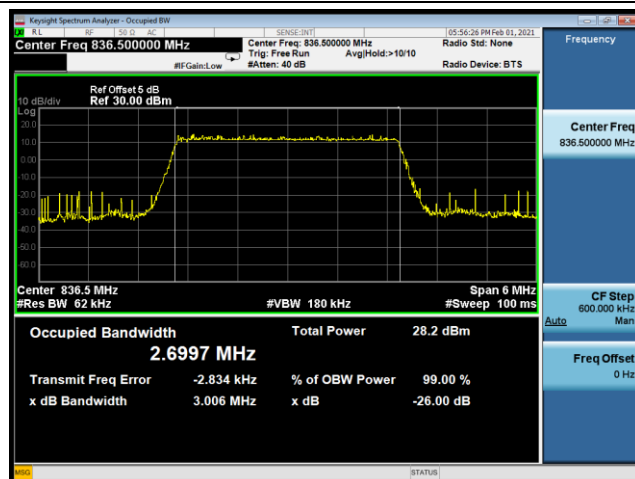
QPSK-20635



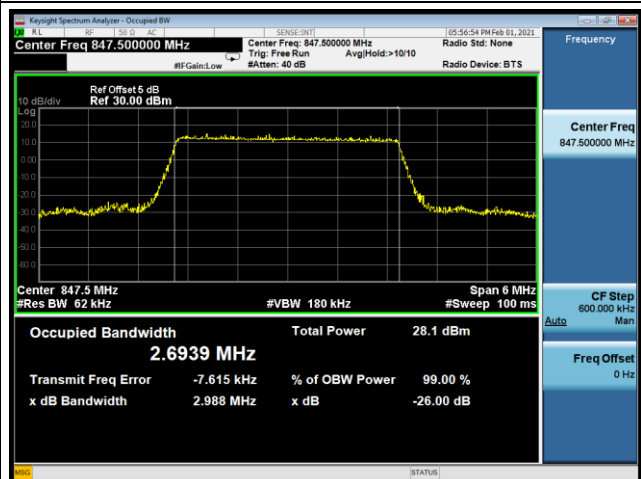
16QAM-20415



16QAM-20525

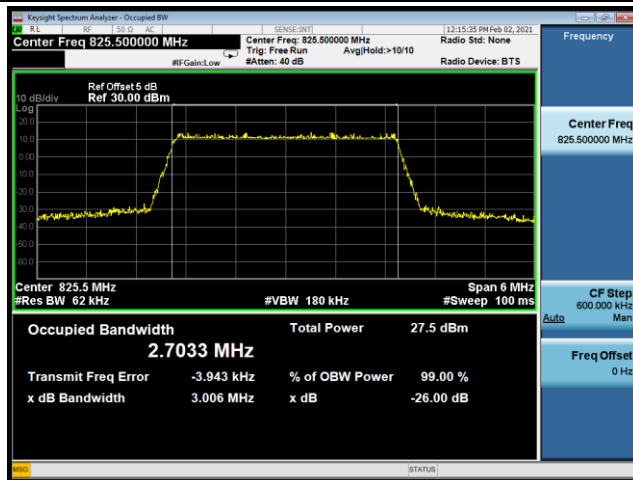


16QAM-20635

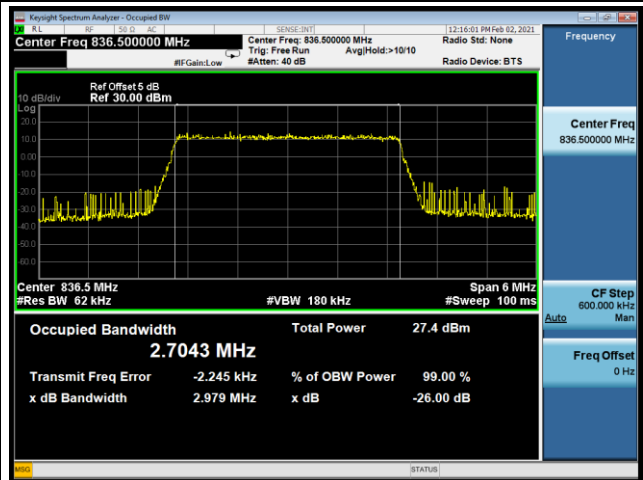


Spectrum Plot

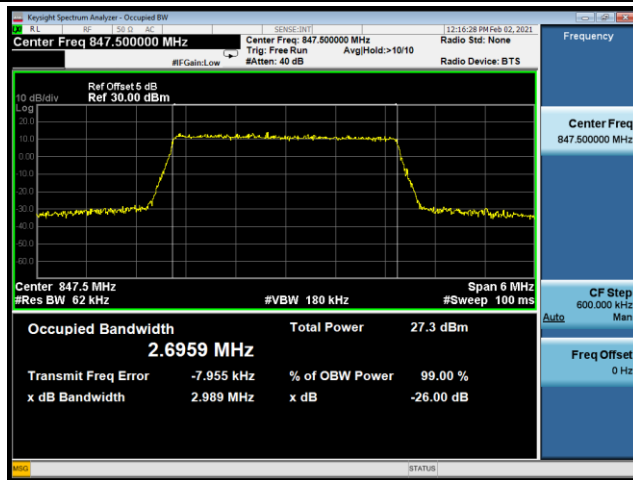
64QAM-20415



64QAM-20525



64QAM-20635



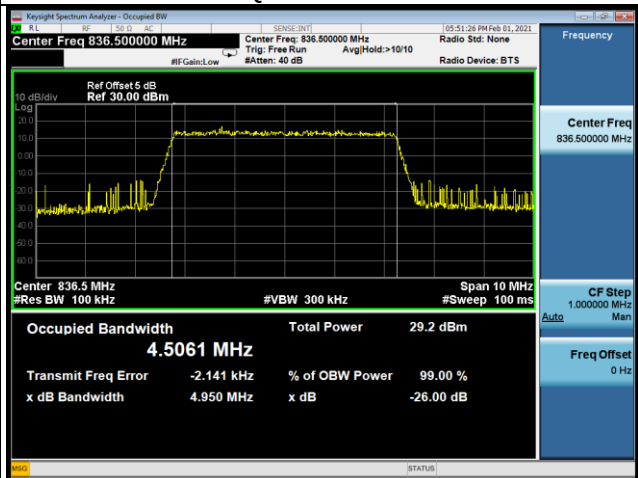
LTE Band 5_5M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20425	826.5	4.5180	20425	826.5	4.980
20525	836.5	4.5061	20525	836.5	4.950
20625	846.5	4.4968	20625	846.5	4.920
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20425	826.5	4.5019	20425	826.5	4.965
20525	836.5	4.5011	20525	836.5	4.953
20625	846.5	4.4905	20625	846.5	4.929
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20425	826.5	4.5117	20425	826.5	4.977
20525	836.5	4.5060	20525	836.5	5.166
20625	846.5	4.5015	20625	846.5	4.913

Spectrum Plot

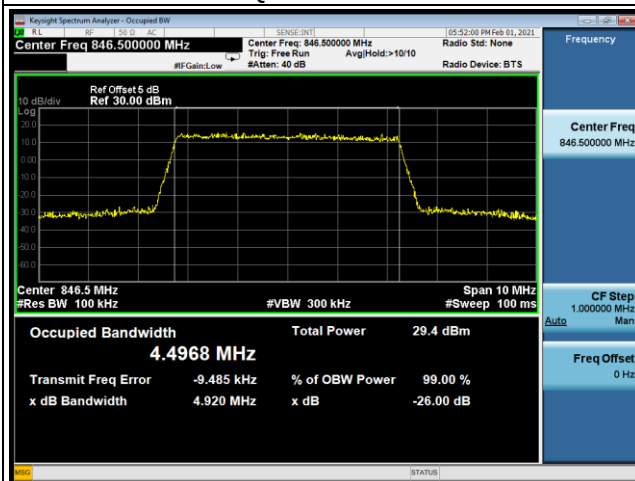
QPSK-20425



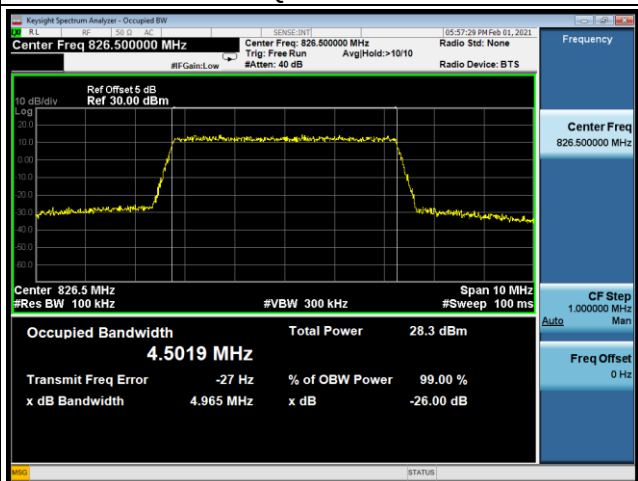
QPSK-20525



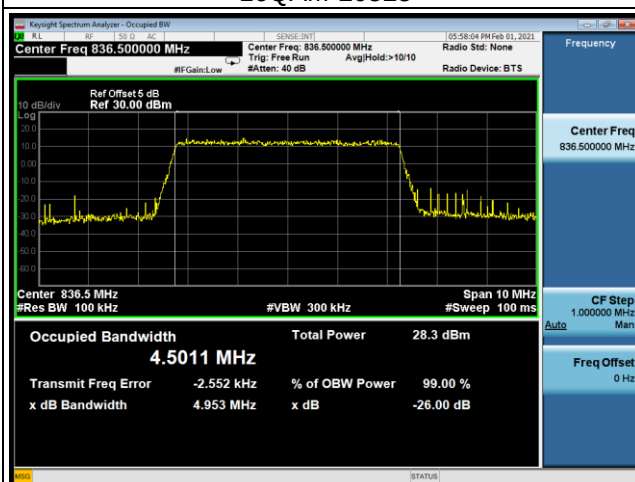
QPSK-20625



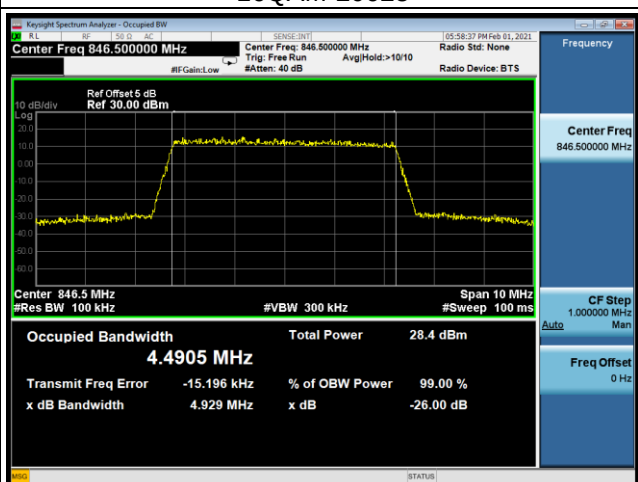
16QAM-20425



16QAM-20525

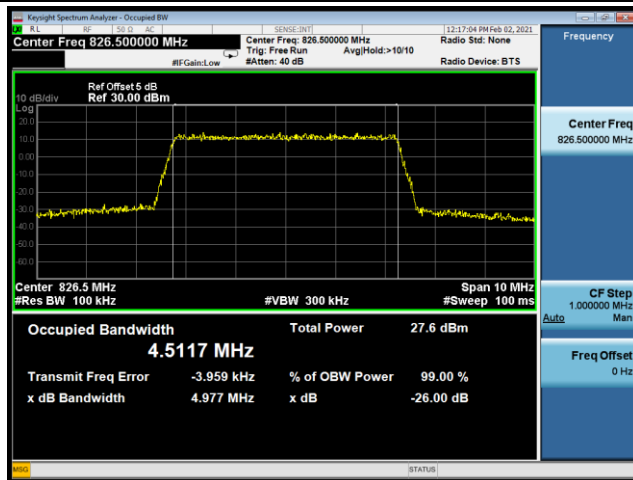


16QAM-20625

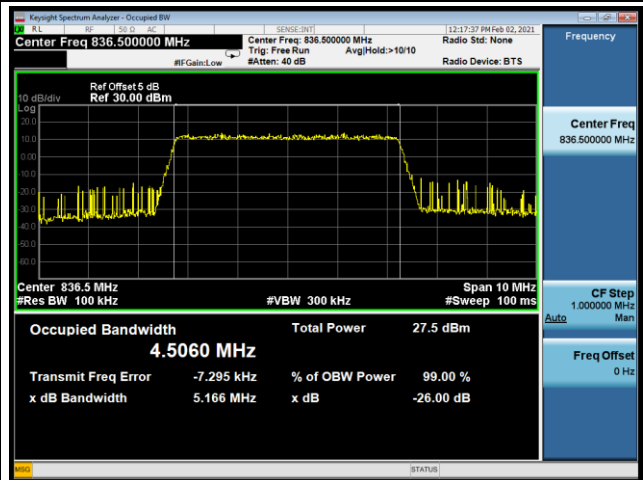


Spectrum Plot

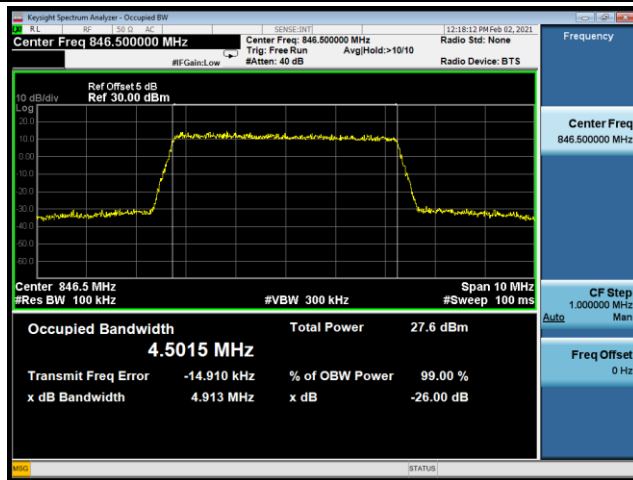
64QAM-20425



64QAM-20525



64QAM-20625



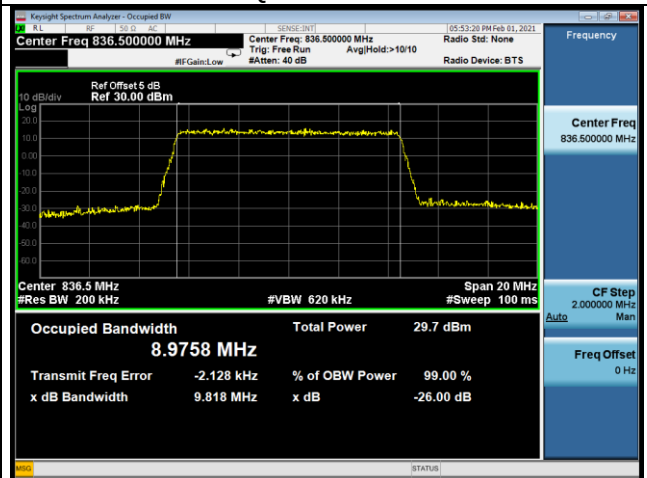
LTE Band 5_10M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20450	829.0	8.9692	20450	829.0	9.897
20525	836.5	8.9758	20525	836.5	9.818
20600	844.0	8.9570	20600	844.0	9.794
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20450	829.0	8.9618	20450	829.0	9.846
20525	836.5	8.9698	20525	836.5	9.810
20600	844.0	8.9630	20600	844.0	9.779
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20450	829.0	8.9660	20450	829.0	9.793
20525	836.5	8.9811	20525	836.5	11.15
20600	844.0	8.9440	20600	844.0	9.721

Spectrum Plot

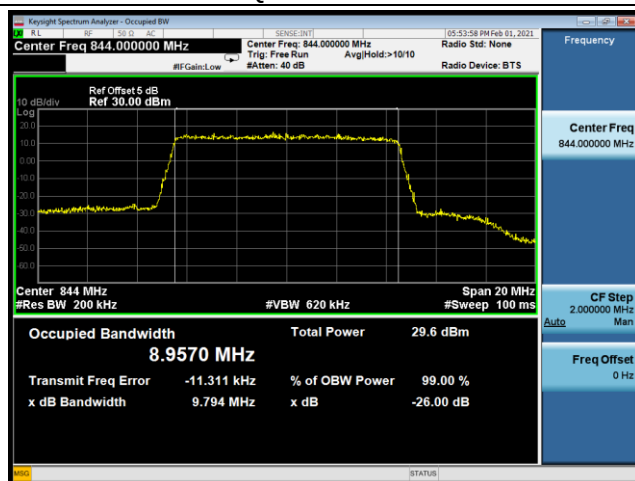
QPSK-20450



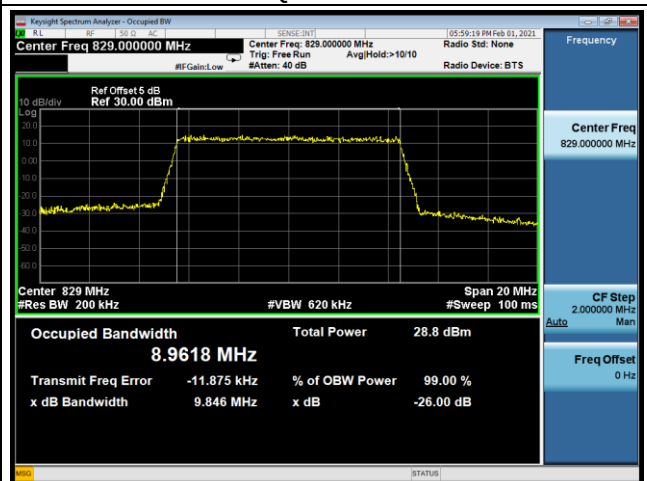
QPSK-20525



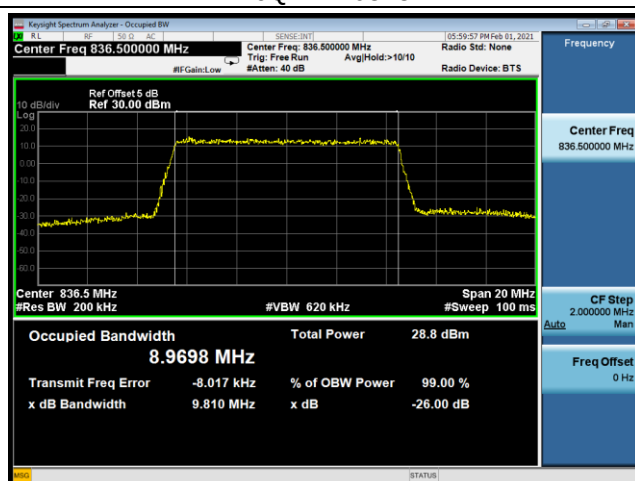
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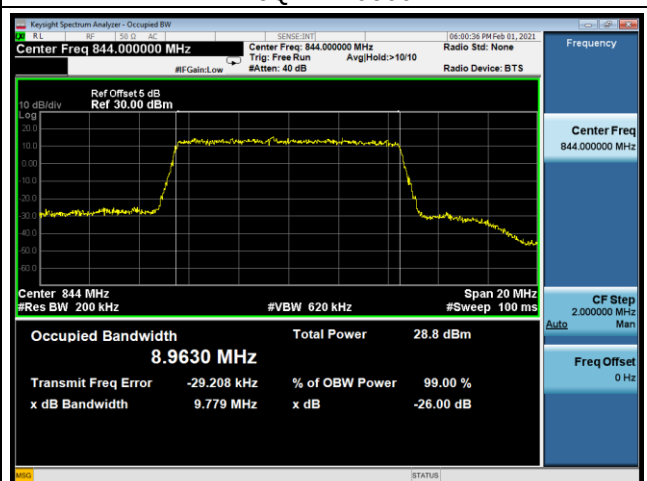
16QAM-20450



16QAM-20525



16QAM-20600

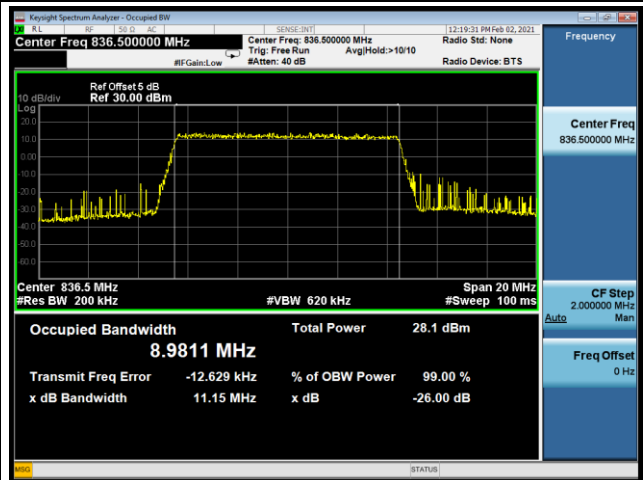


Spectrum Plot

64QAM-20450



64QAM-20525



64QAM-20600



-

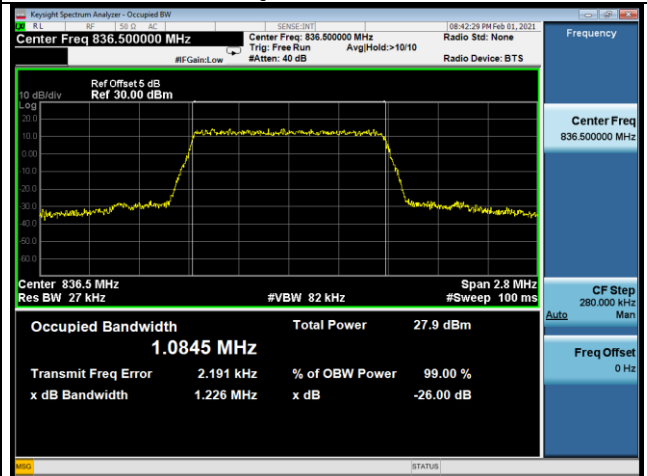
LTE Band 26_1.4M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26797	824.7	1.0965	26797	824.7	1.239
26915	836.5	1.0845	26915	836.5	1.226
27033	848.3	1.0897	27033	848.3	1.230
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26797	824.7	1.0854	26797	824.7	1.230
26915	836.5	1.0876	26915	836.5	1.234
27033	848.3	1.0940	27033	848.3	1.237
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26797	824.7	1.0854	26797	824.7	1.243
26915	836.5	1.0838	26915	836.5	1.222
27033	848.3	1.0831	27033	848.3	1.219

Spectrum Plot

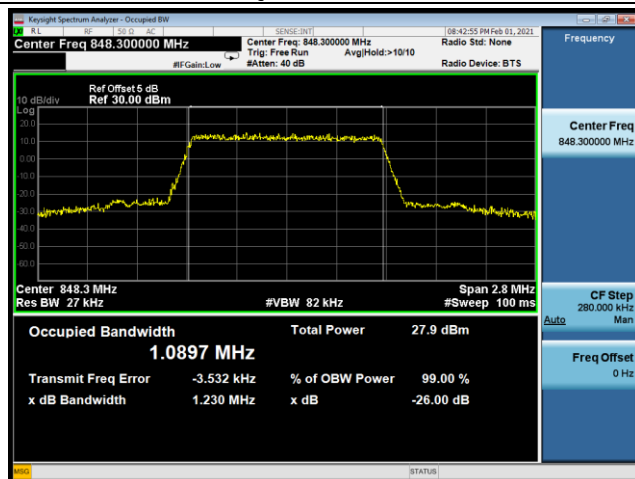
QPSK-26797



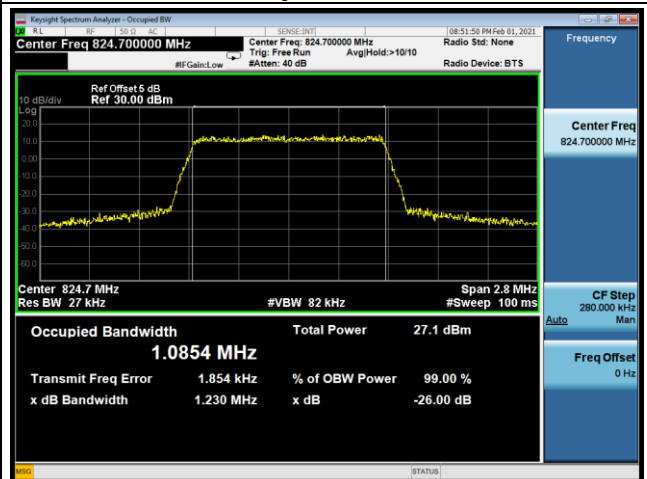
QPSK-26915



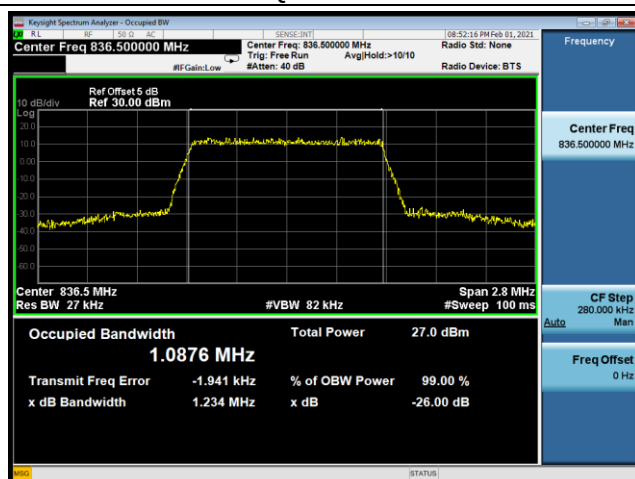
QPSK-27033



16QAM-26797



16QAM-26915

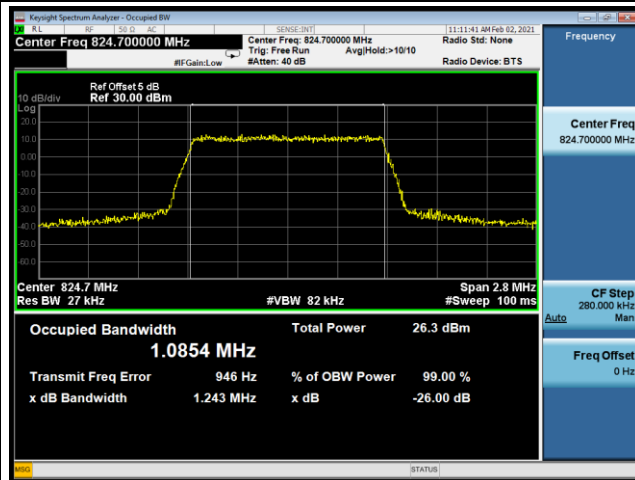


16QAM-27033

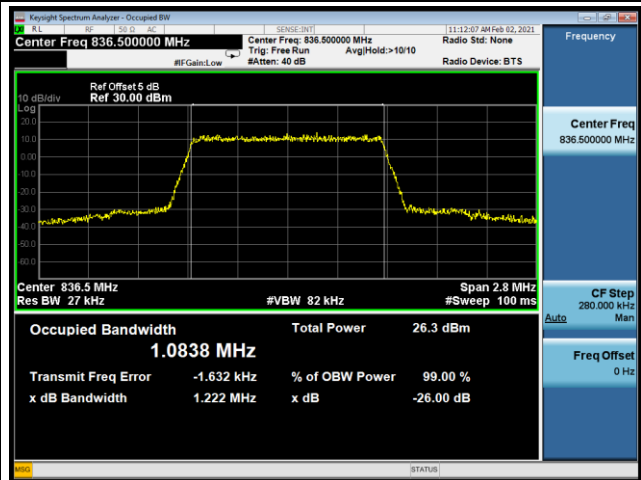


Spectrum Plot

64QAM-26797



64QAM-26915



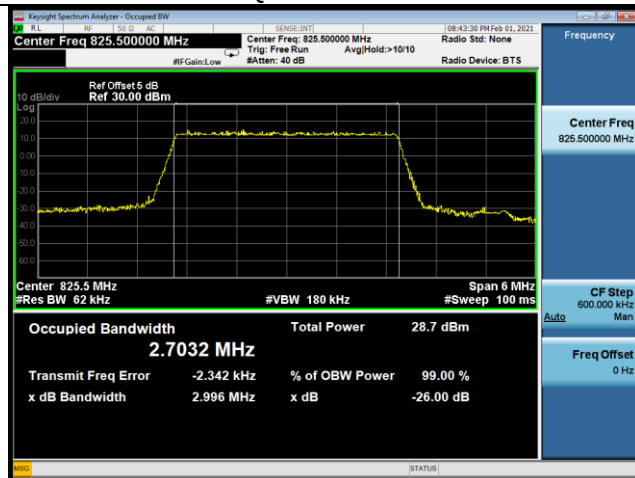
64QAM-27033



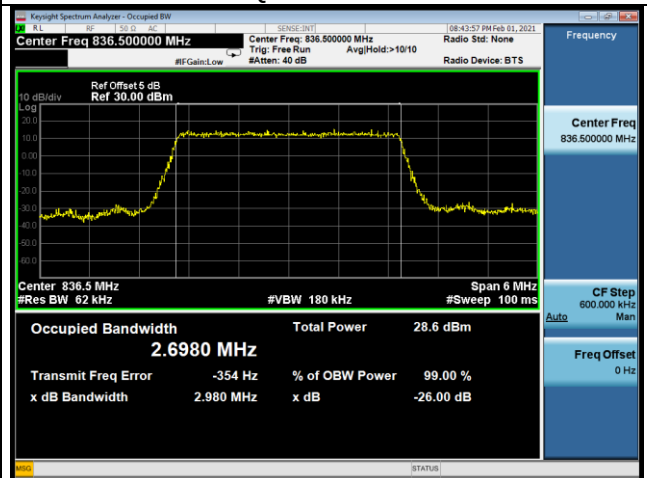
LTE Band 26_3M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26805	825.5	2.7032	26805	825.5	2.996
26915	836.5	2.6980	26915	836.5	2.980
27025	847.5	2.6976	27025	847.5	3.003
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26805	825.5	2.6988	26805	825.5	2.986
26915	836.5	2.6971	26915	836.5	2.999
27025	847.5	2.6982	27025	847.5	2.994
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26805	825.5	2.6999	26805	825.5	3.001
26915	836.5	2.6976	26915	836.5	2.995
27025	847.5	2.7020	27025	847.5	2.990

Spectrum Plot

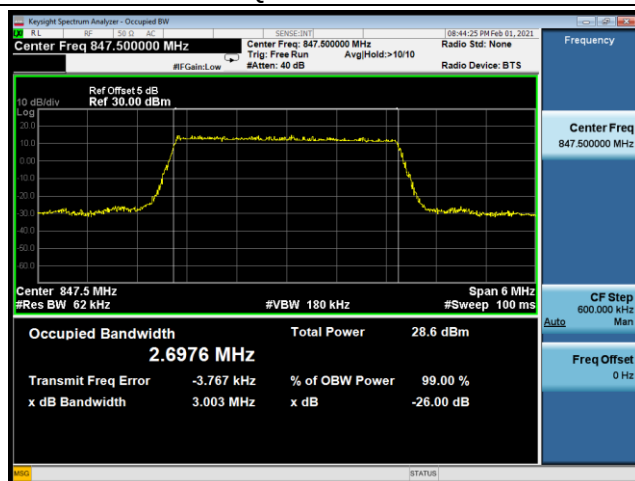
QPSK-26805



QPSK-26915



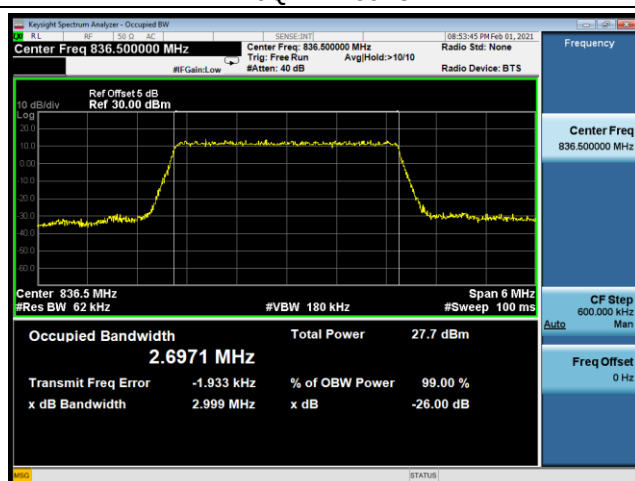
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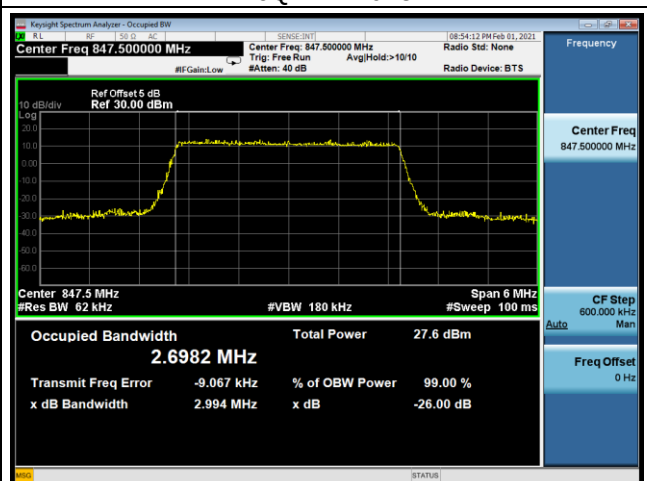
16QAM-26805



16QAM-26915

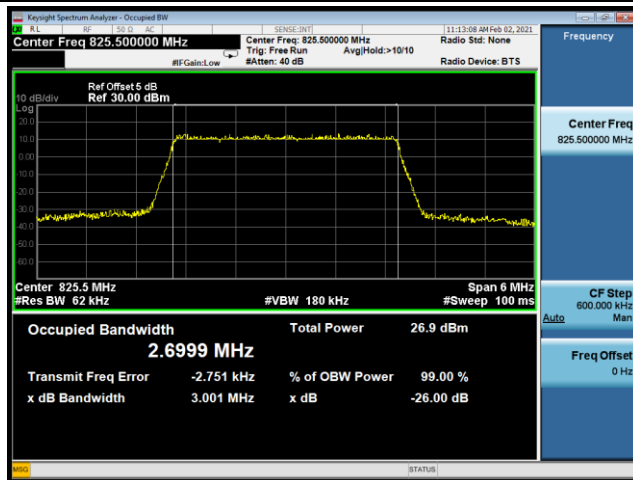


16QAM-27025

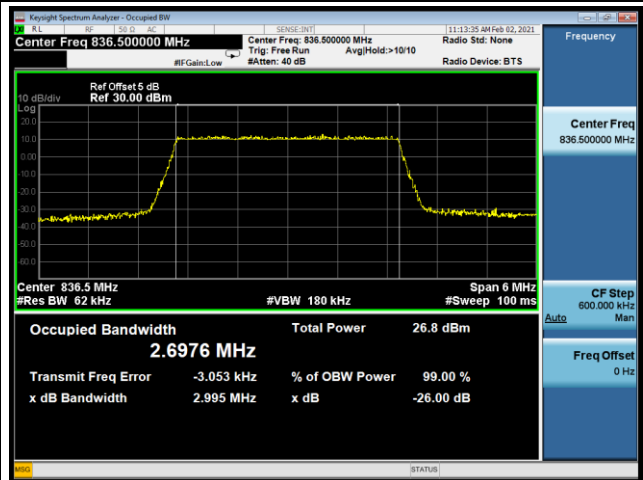


Spectrum Plot

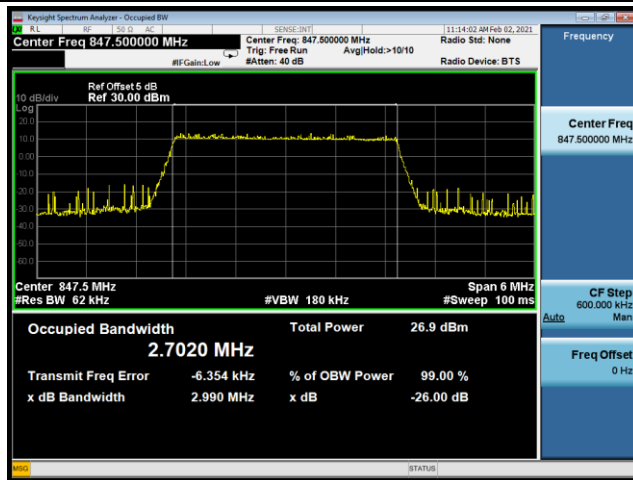
64QAM-26805



64QAM-26915



64QAM-27025



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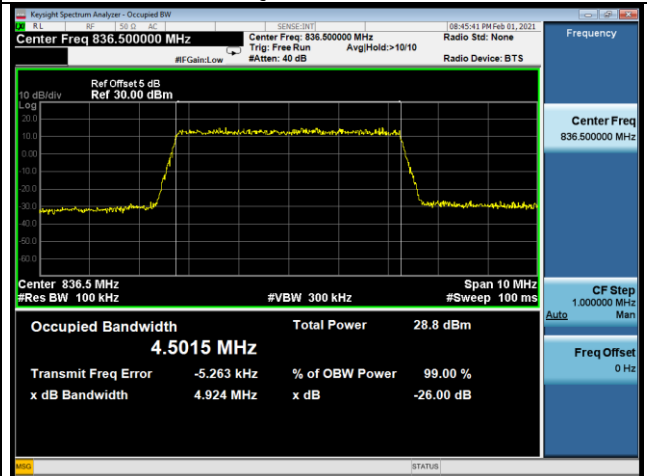
LTE Band 26_5M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26815	826.5	4.5031	26815	826.5	4.943
26915	836.5	4.5015	26915	836.5	4.924
27015	846.5	4.4956	27015	846.5	4.994
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26815	826.5	4.4999	26815	826.5	4.946
26915	836.5	4.4939	26915	836.5	4.933
27015	846.5	4.4946	27015	846.5	4.939
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26815	826.5	4.5072	26815	826.5	4.945
26915	836.5	4.5049	26915	836.5	4.960
27015	846.5	4.4963	27015	846.5	4.966

Spectrum Plot

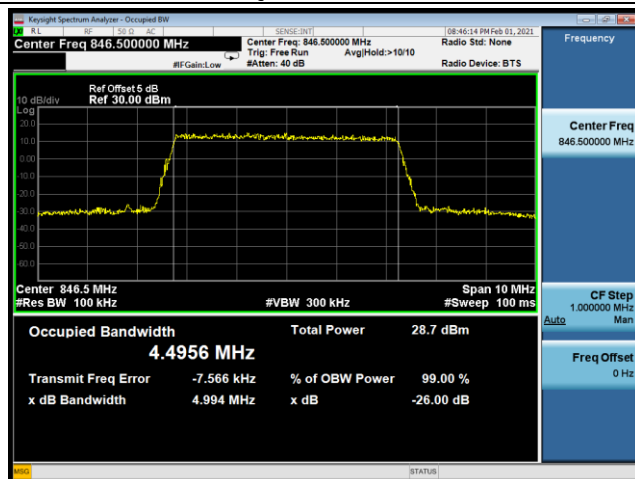
QPSK-26815



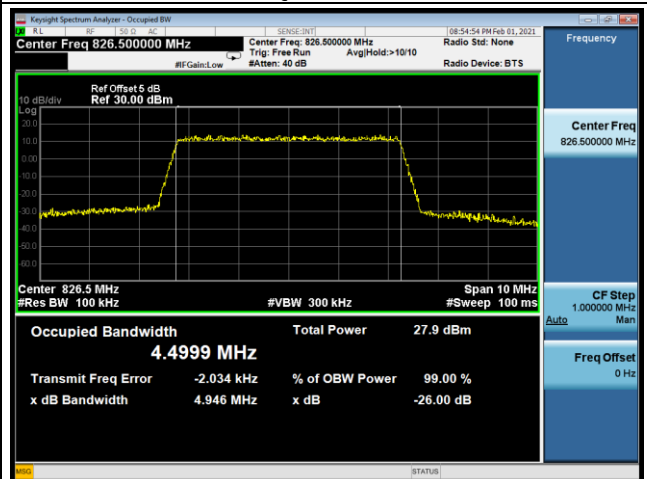
QPSK-26915



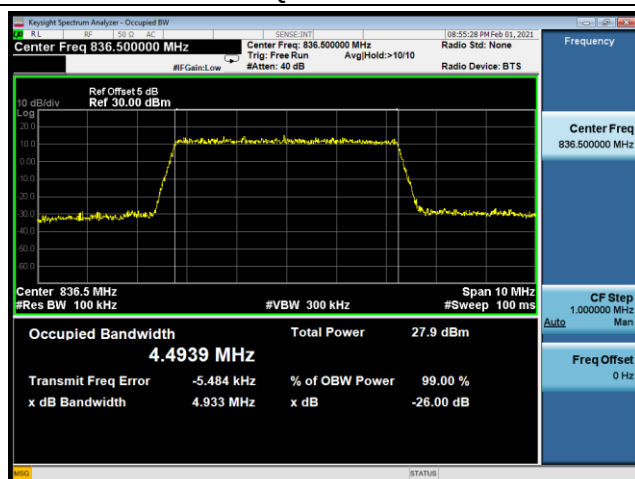
QPSK-27015



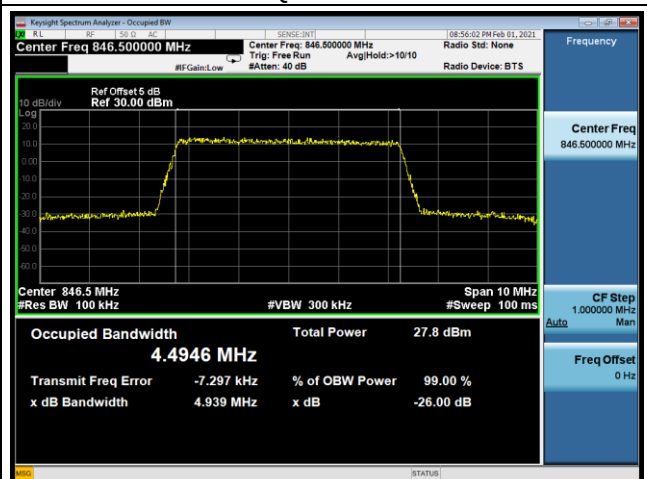
16QAM-26815



16QAM-26915



16QAM-27015

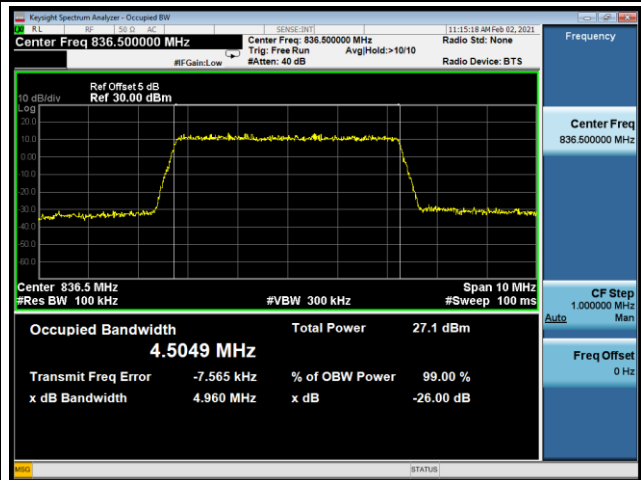


Spectrum Plot

64QAM-26815



64QAM-26915



64QAM-27015



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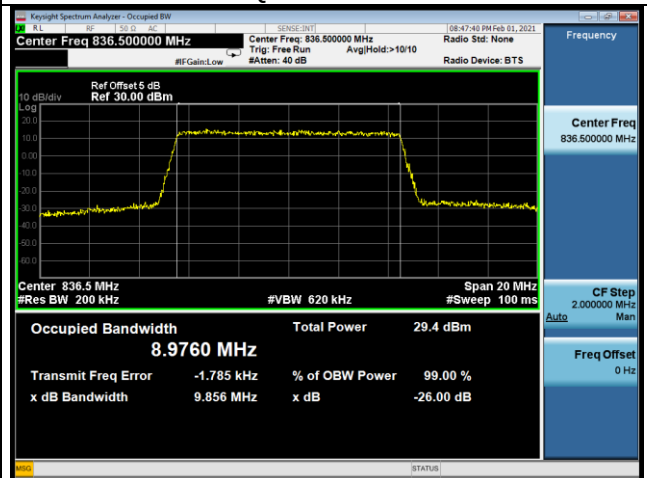
LTE Band 26_10M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26840	829	8.9812	26840	829	9.853
26915	836.5	8.9760	26915	836.5	9.856
26990	844	8.9543	26990	844	9.888
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26840	829	8.9657	26840	829	9.756
26915	836.5	8.9894	26915	836.5	9.795
26990	844	8.9529	26990	844	9.832
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26840	829	8.9665	26840	829	9.799
26915	836.5	8.9736	26915	836.5	9.867
26990	844	8.9482	26990	844	9.760

Spectrum Plot

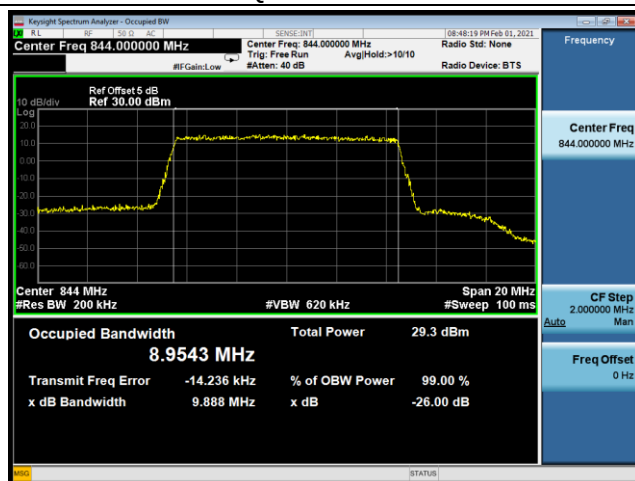
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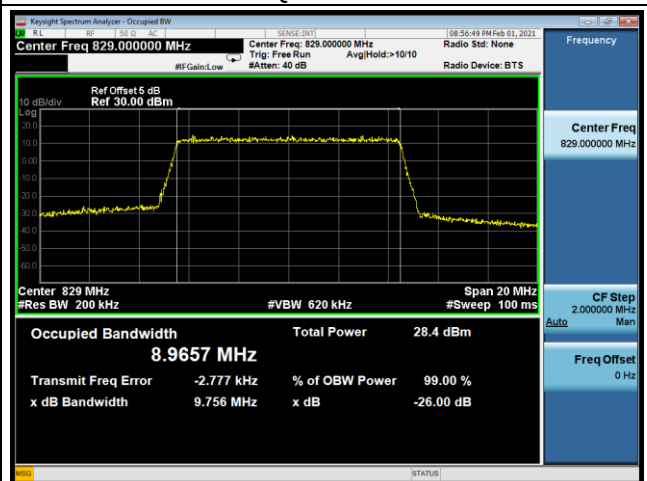
QPSK-26915



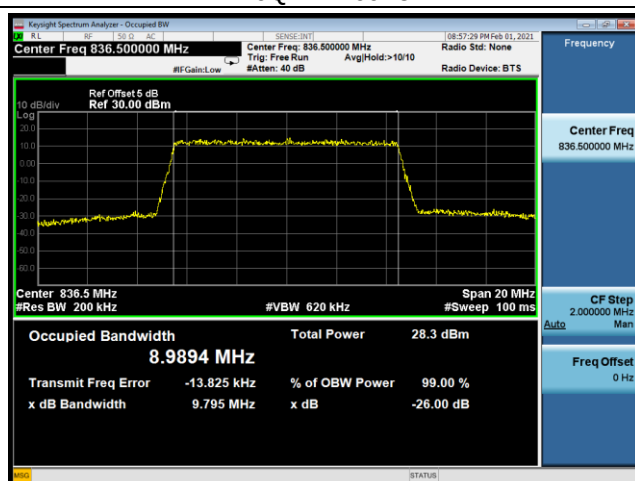
QPSK-26990



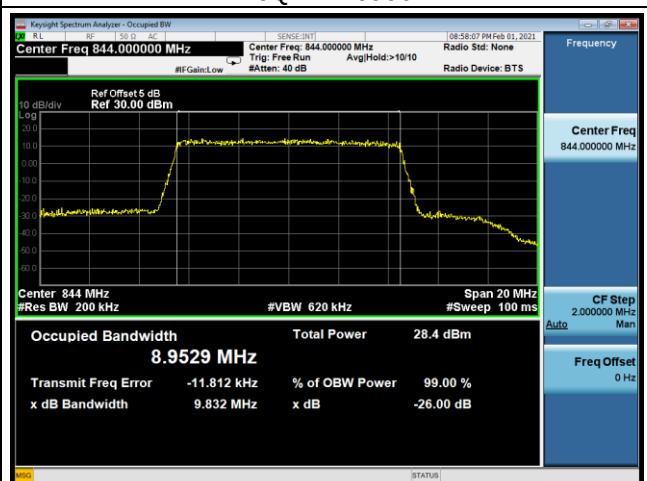
16QAM-26840



16QAM-26915

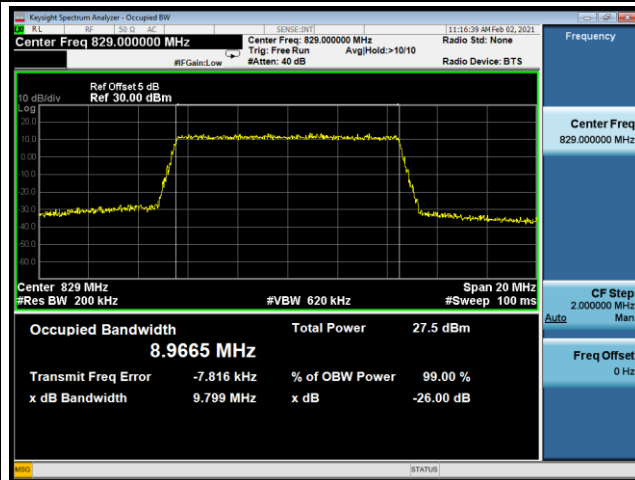


16QAM-26990

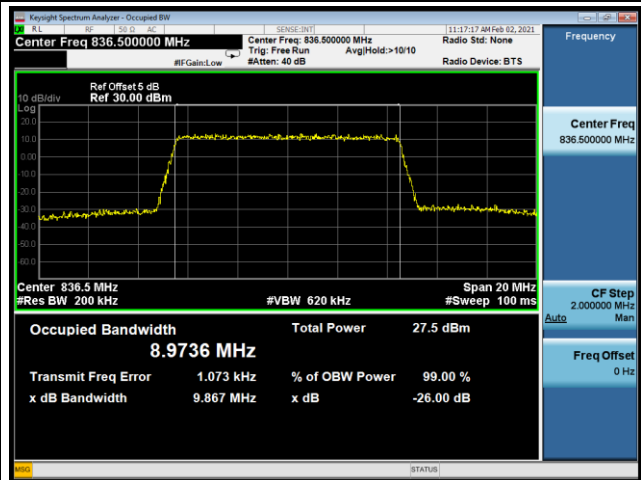


Spectrum Plot

64QAM-26840



64QAM-26915



64QAM-26990



LTE Band 26_15M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26865	831.5	13.449	26865	831.5	14.65
26915	836.5	13.461	26915	836.5	14.69
26965	841.5	13.442	26965	841.5	14.75
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26865	831.5	13.458	26865	831.5	14.63
26915	836.5	13.462	26915	836.5	14.70
26965	841.5	13.438	26965	841.5	14.65
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26865	831.5	13.452	26865	831.5	14.70
26915	836.5	13.471	26915	836.5	14.75
26965	841.5	13.437	26965	841.5	14.62