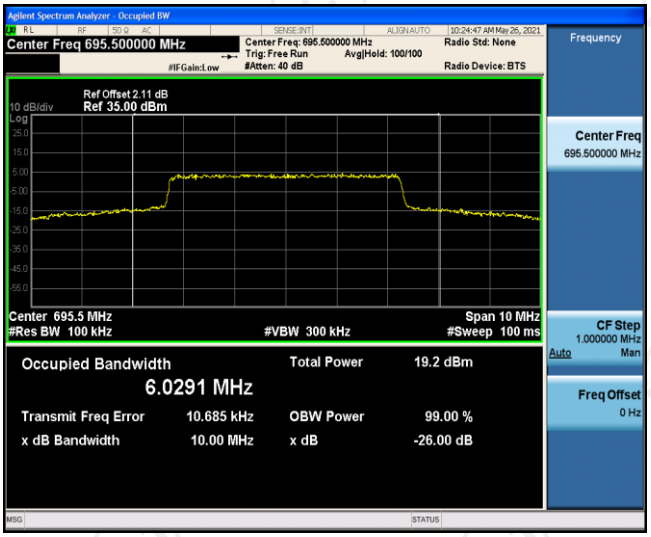
Test Graphs

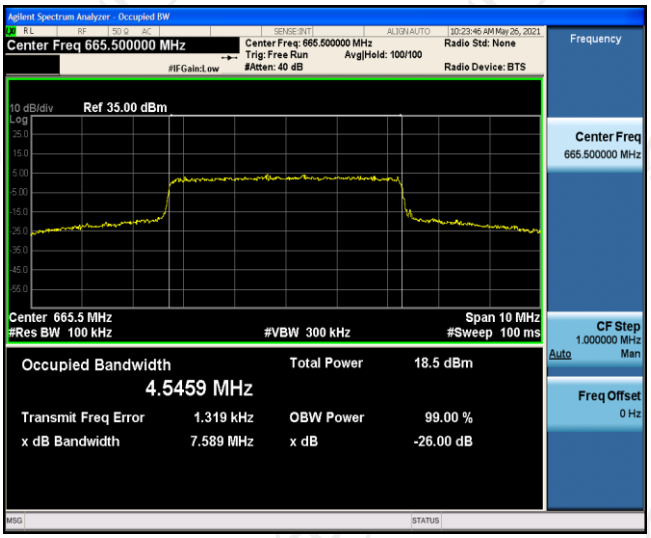
Band71-5MHz-QPSK-133147-25RB#0

Band71-5MHz-QPSK-133297-25RB#0

Band71-5MHz-QPSK-133447-25RB#0

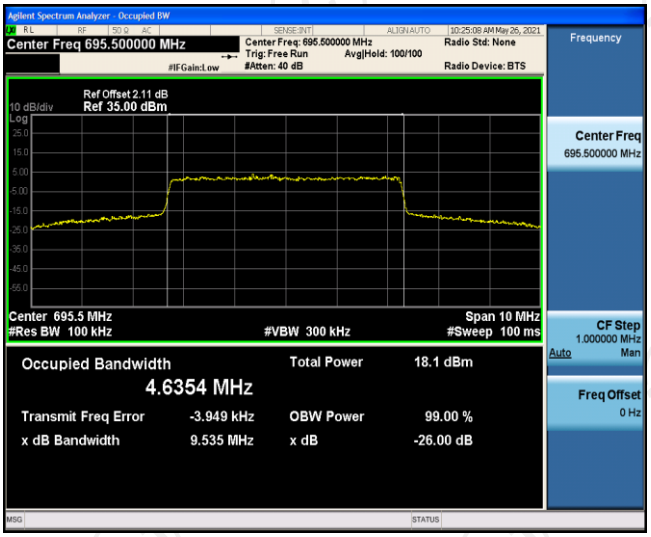


Band71-5MHz-16QAM-133147-25RB#0

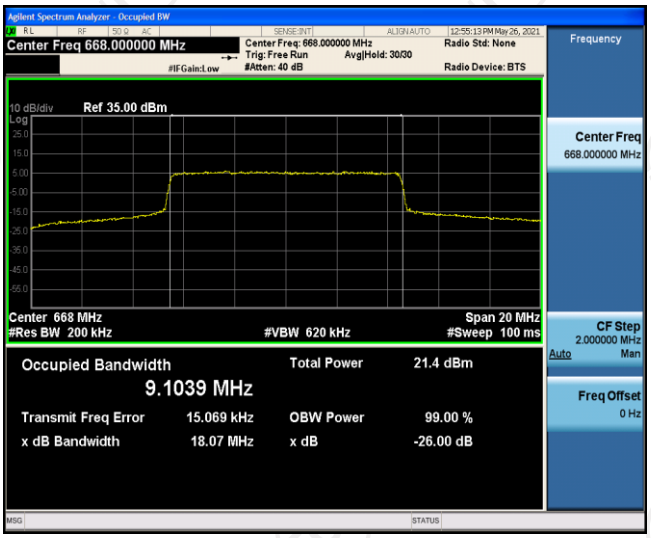


Band71-5MHz-16QAM-133297-25RB#0

Band71-5MHz-16QAM-133447-25RB#0



Band71-10MHz-QPSK-133172-50RB#0



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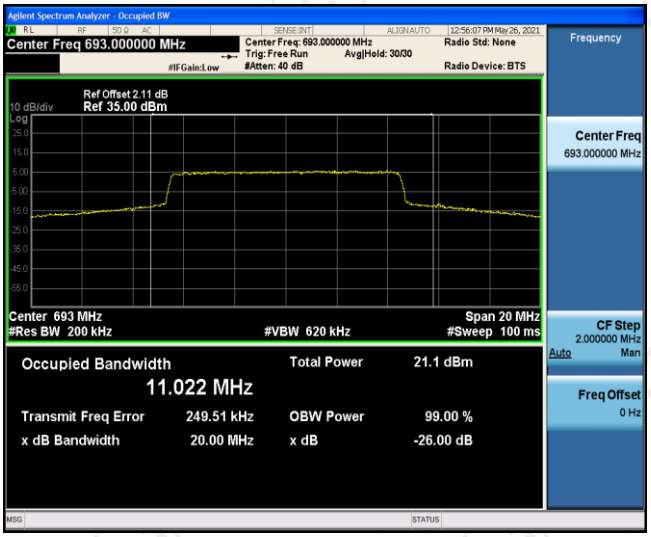
Band71-10MHz-QPSK-133422-50RB#0



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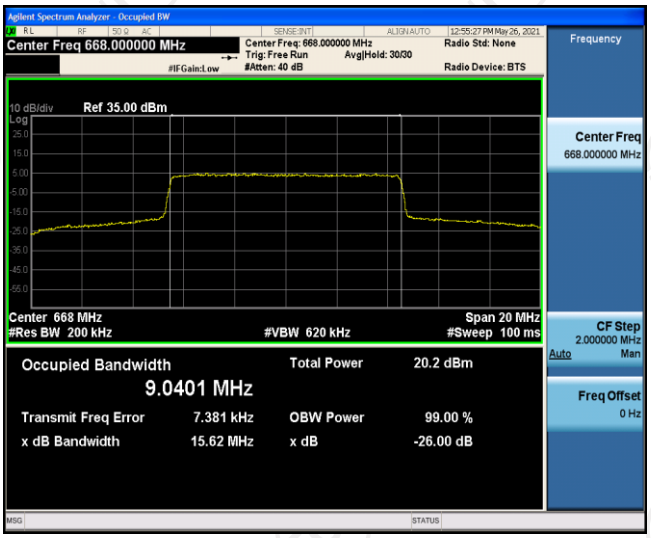

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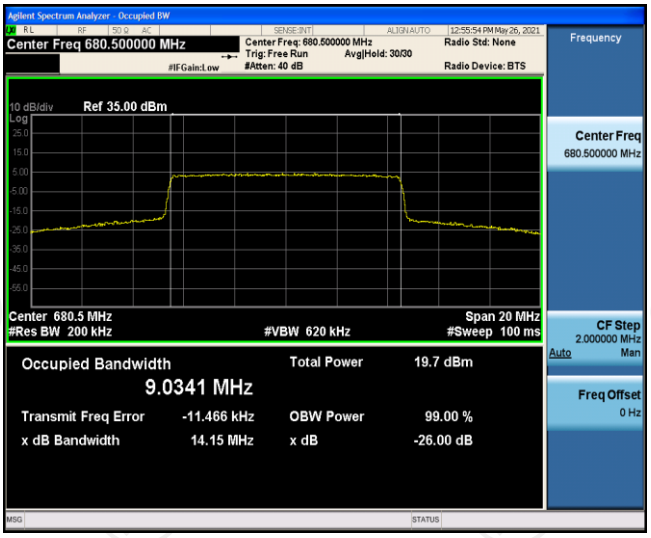

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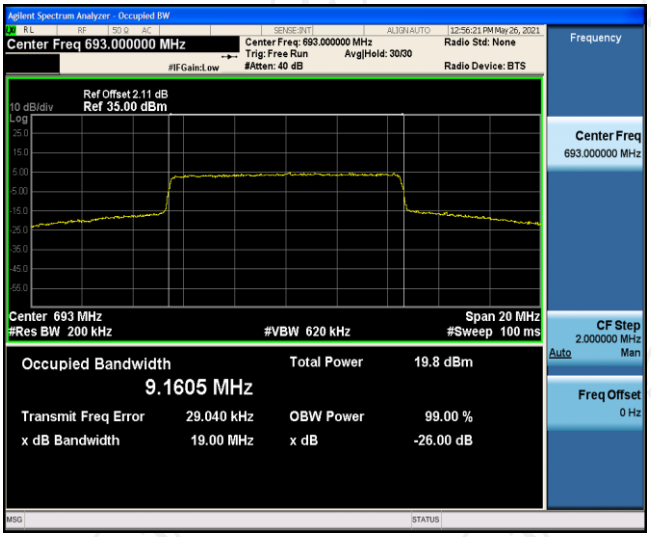
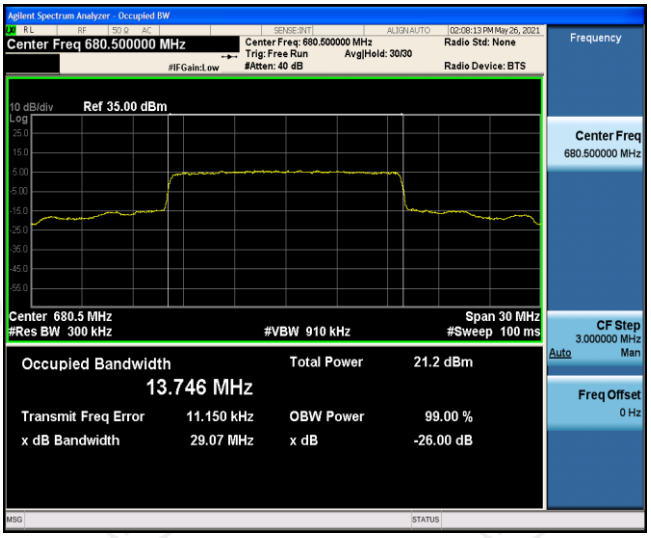
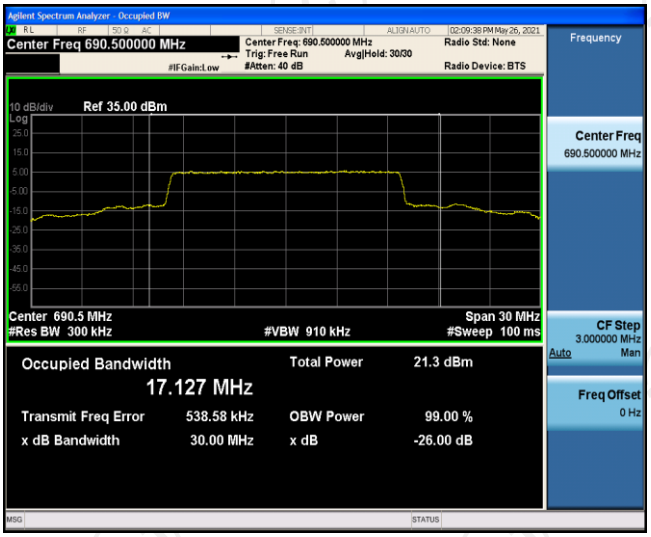


Band71-15MHz-QPSK-133197-75RB#0

Band71-15MHz-QPSK-133297-75RB#0



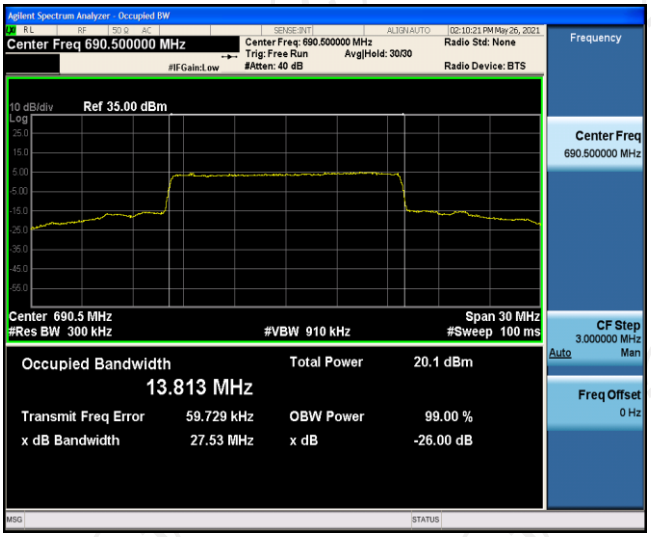
Band71-15MHz-QPSK-133397-75RB#0



Band71-15MHz-16QAM-133197-75RB#0

Band71-15MHz-16QAM-133297-75RB#0

Band71-15MHz-16QAM-133397-75RB#0



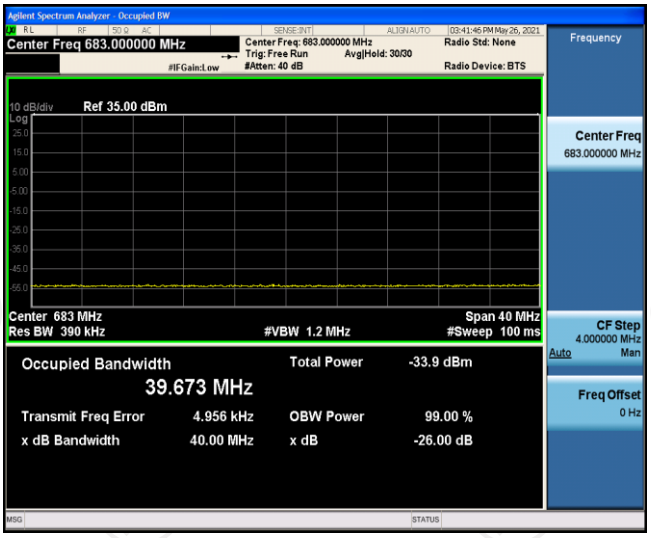
Band71-20MHz-QPSK-133222-100RB#0

Band71-20MHz-QPSK-133322-100RB#0

Band71-20MHz-QPSK-133372-100RB#0

Band71-20MHz-16QAM-133222-100RB#0

Band71-20MHz-16QAM-133322-100RB#0



Band71-20MHz-16QAM-133372-100RB#0

Agilent Spectrum Analyzer - Occupied BW
Center Freq 688.000000 MHz
Center Freq: 688.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
#IFGain:Low
Frequency
10 dB/div
Ref 35.00 dBm
Center 688 MHz
Span 40 MHz
Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 100 ms
Occupied Bandwidth
27.838 MHz
Total Power -19.0 dBm
Transmit Freq Error 136.02 kHz
OBW Power 99.00 %
x dB Bandwidth 40.00 MHz
x dB -26.00 dB
Center Freq
688.000000 MHz
CF Step
4.000000 MHz
Auto Man
Freq Offset
0 Hz

Appendix D: Band Edge

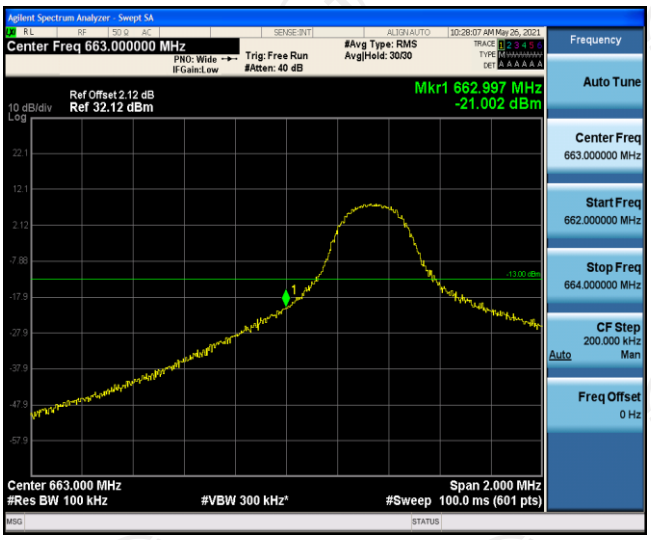
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	-21.00	PASS
Band71	5MHz	QPSK	133147	1RB#24	-55.24	PASS
Band71	5MHz	QPSK	133147	25RB#0	-24.14	PASS
Band71	5MHz	QPSK	133447	1RB#0	-57.34	PASS
Band71	5MHz	QPSK	133447	1RB#24	-16.11	PASS
Band71	5MHz	QPSK	133447	25RB#0	-21.11	PASS
Band71	5MHz	16QAM	133147	1RB#0	-20.10	PASS
Band71	5MHz	16QAM	133147	1RB#24	-50.38	PASS
Band71	5MHz	16QAM	133147	25RB#0	-25.97	PASS
Band71	5MHz	16QAM	133447	1RB#0	-46.19	PASS
Band71	5MHz	16QAM	133447	1RB#24	-19.05	PASS
Band71	5MHz	16QAM	133447	25RB#0	-24.63	PASS
Band71	10MHz	QPSK	133172	1RB#0	-22.15	PASS
Band71	10MHz	QPSK	133172	1RB#49	-49.45	PASS
Band71	10MHz	QPSK	133172	50RB#0	-26.83	PASS
Band71	10MHz	QPSK	133422	1RB#0	-46.39	PASS
Band71	10MHz	QPSK	133422	1RB#49	-20.07	PASS
Band71	10MHz	QPSK	133422	50RB#0	-21.30	PASS
Band71	10MHz	16QAM	133172	1RB#0	-21.74	PASS
Band71	10MHz	16QAM	133172	1RB#49	-53.75	PASS
Band71	10MHz	16QAM	133172	50RB#0	-29.35	PASS
Band71	10MHz	16QAM	133422	1RB#0	-52.88	PASS
Band71	10MHz	16QAM	133422	1RB#49	-20.92	PASS
Band71	10MHz	16QAM	133422	50RB#0	-25.21	PASS
Band71	15MHz	QPSK	133197	1RB#0	-22.33	PASS
Band71	15MHz	QPSK	133197	1RB#74	-51.80	PASS
Band71	15MHz	QPSK	133197	75RB#0	-24.67	PASS
Band71	15MHz	QPSK	133397	1RB#0	-52.33	PASS
Band71	15MHz	QPSK	133397	1RB#74	-21.87	PASS
Band71	15MHz	QPSK	133397	75RB#0	-23.15	PASS
Band71	15MHz	16QAM	133197	1RB#0	-23.25	PASS
Band71	15MHz	16QAM	133197	1RB#74	-52.35	PASS
Band71	15MHz	16QAM	133197	75RB#0	-28.20	PASS
Band71	15MHz	16QAM	133397	1RB#0	-49.95	PASS
Band71	15MHz	16QAM	133397	1RB#74	-23.45	PASS

Band71	15MHz	16QAM	133397	75RB#0	-26.17	PASS
Band71	20MHz	QPSK	133222	1RB#0	-24.55	PASS
Band71	20MHz	QPSK	133222	1RB#99	-51.57	PASS
Band71	20MHz	QPSK	133222	100RB#0	-26.18	PASS
Band71	20MHz	QPSK	133372	1RB#0	-49.07	PASS
Band71	20MHz	QPSK	133372	1RB#99	-21.84	PASS
Band71	20MHz	QPSK	133372	100RB#0	-24.49	PASS
Band71	20MHz	16QAM	133222	1RB#0	-23.60	PASS
Band71	20MHz	16QAM	133222	1RB#99	-51.35	PASS
Band71	20MHz	16QAM	133222	100RB#0	-29.47	PASS
Band71	20MHz	16QAM	133372	1RB#0	-49.57	PASS
Band71	20MHz	16QAM	133372	1RB#99	-24.21	PASS
Band71	20MHz	16QAM	133372	100RB#0	-27.49	PASS

Test Graphs

Band71-5MHz-QPSK-133147-1RB#0



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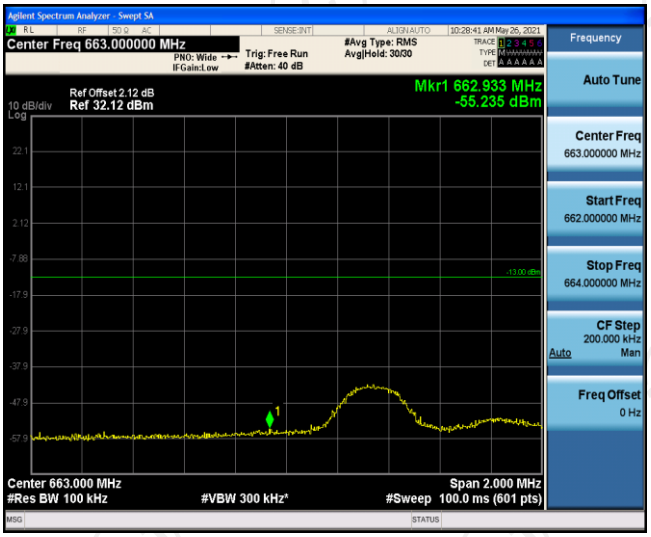

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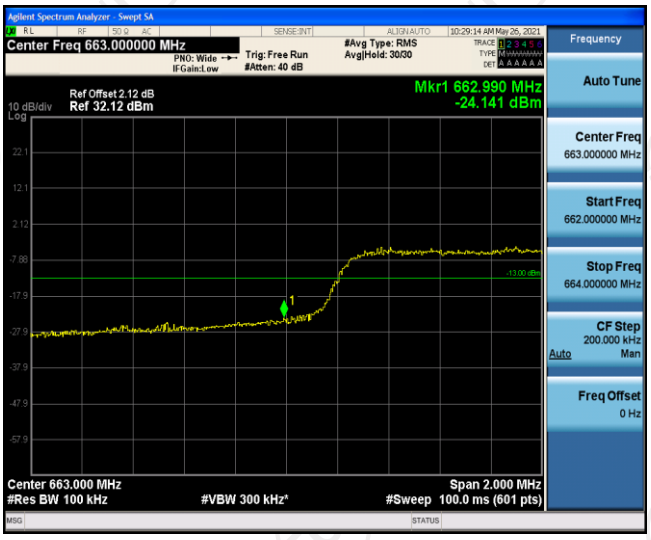

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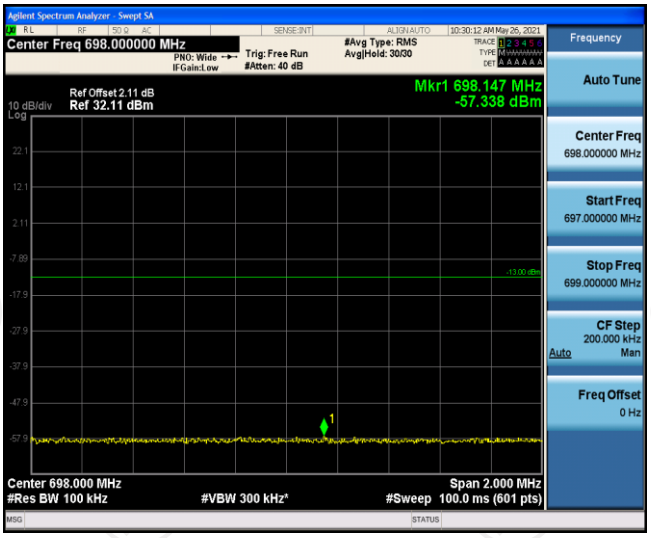

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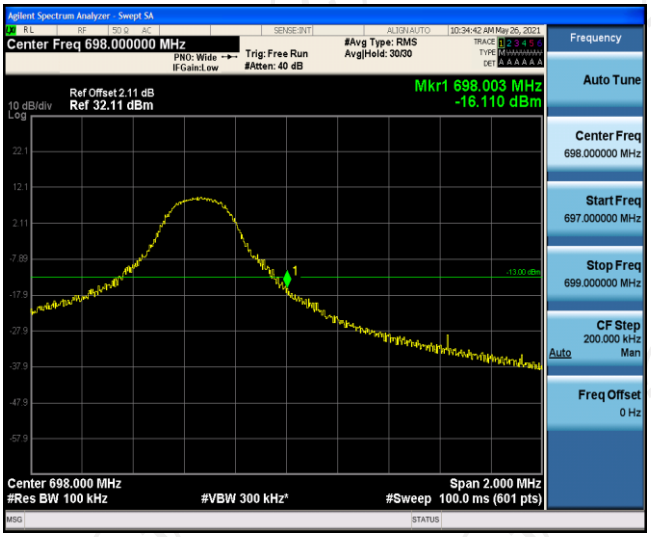

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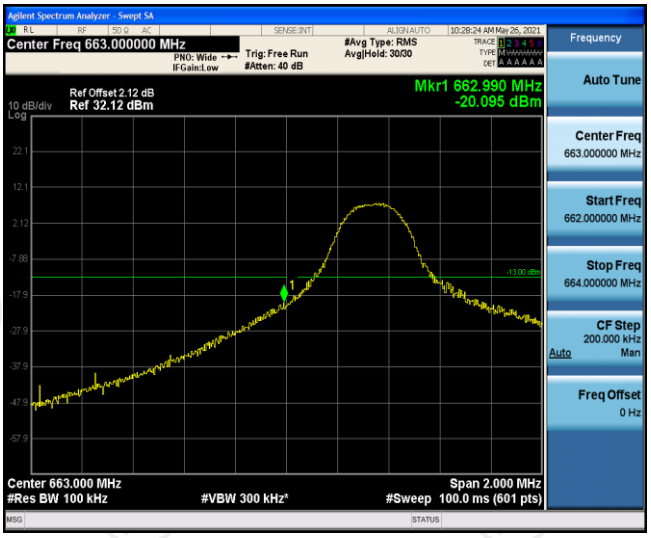
Band71-5MHz-16QAM-133147-1RB#0



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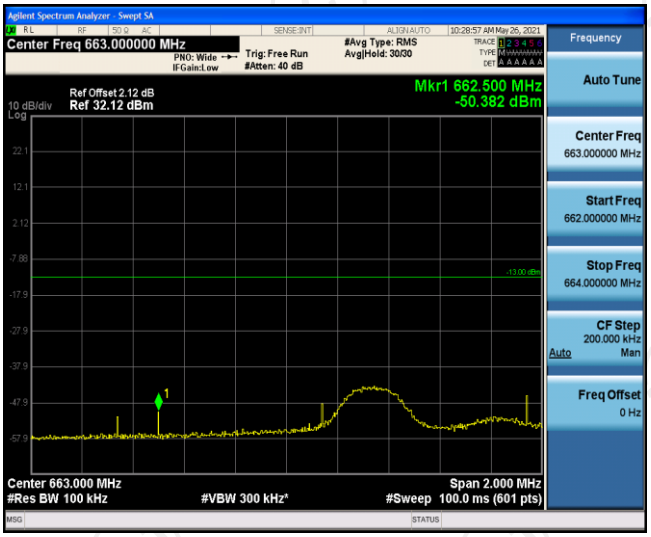

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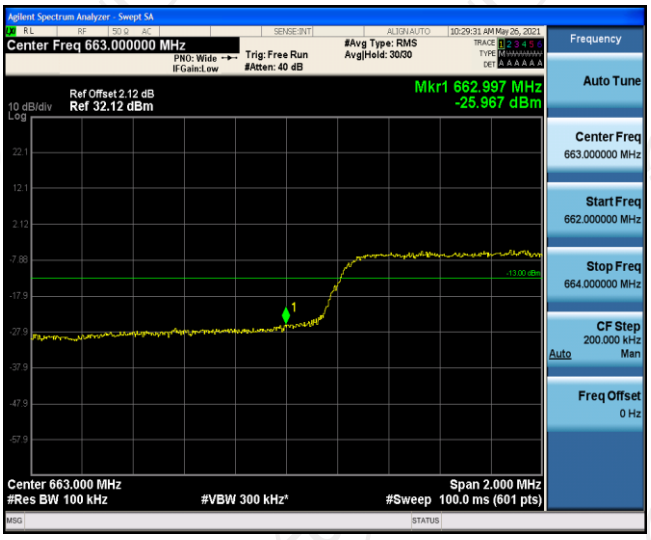

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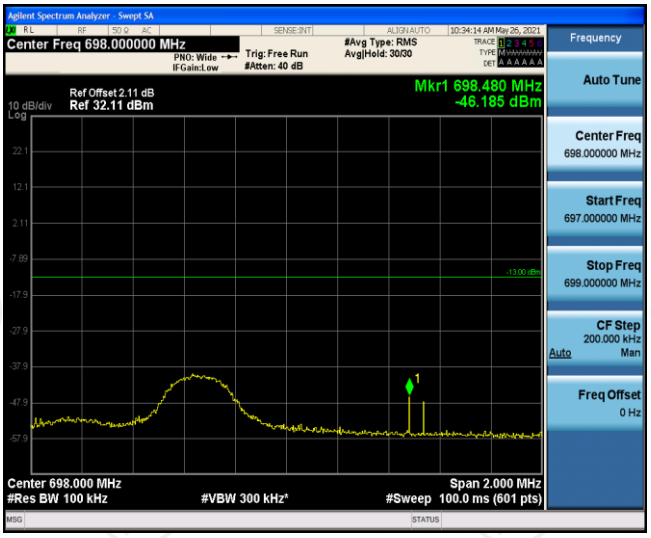

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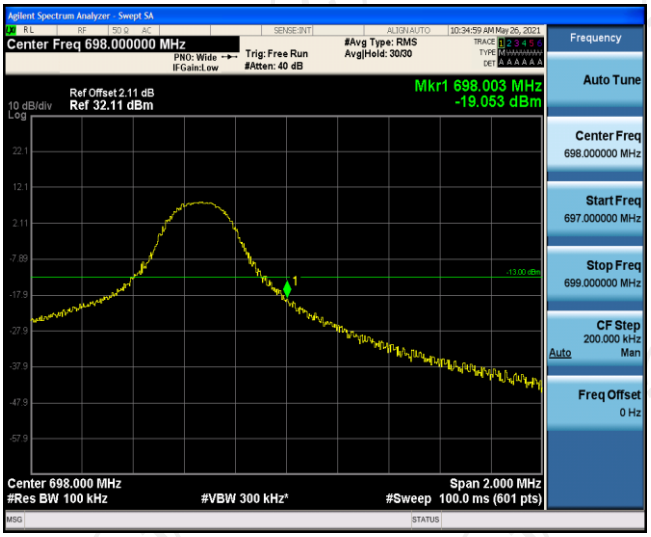

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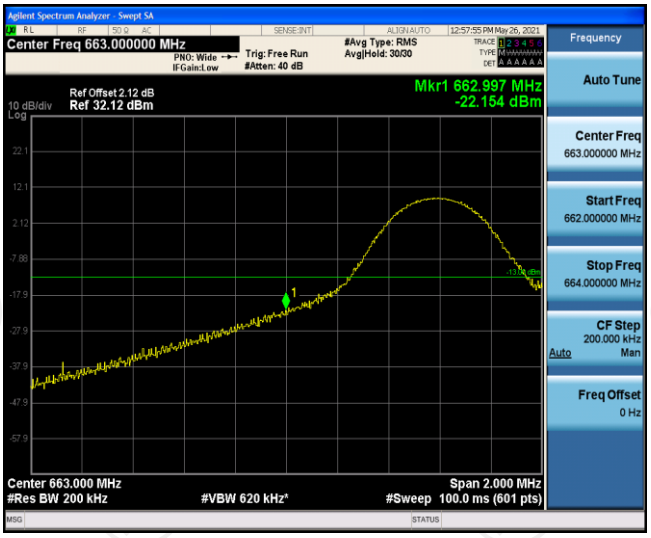
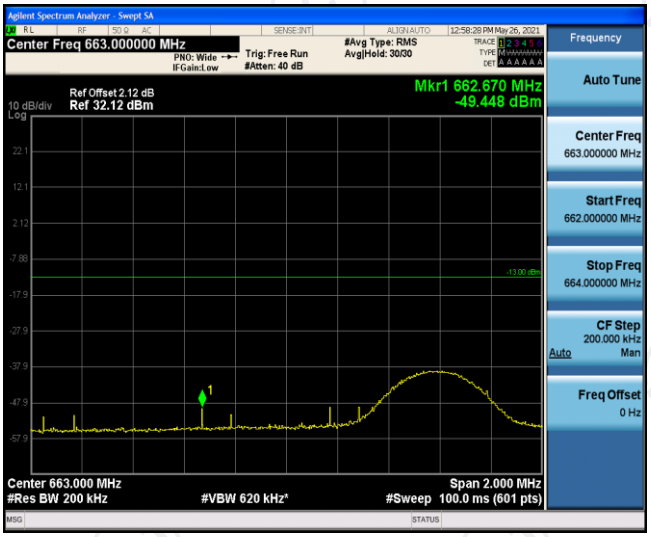
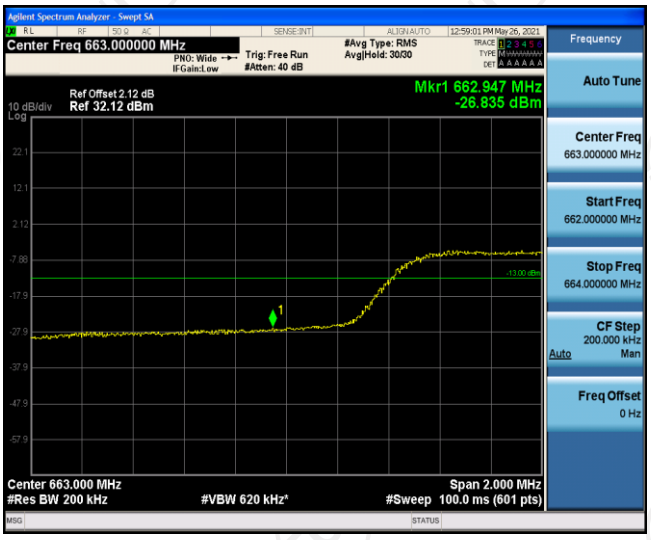
Band71-10MHz-QPSK-133172-1RB#0



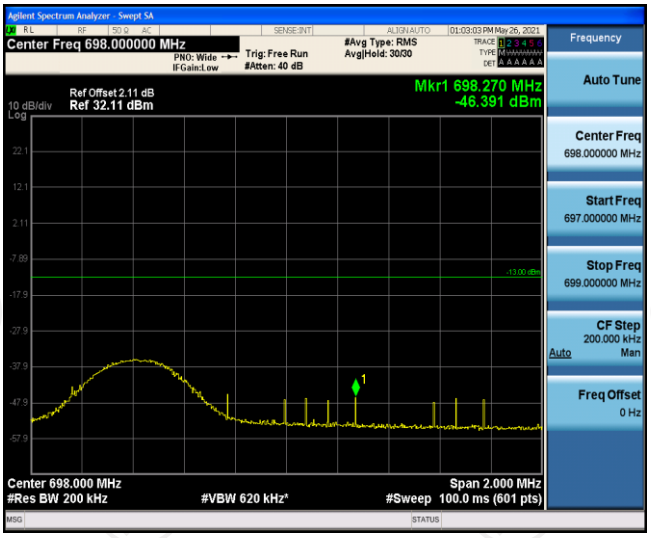
Band71-10MHz-QPSK-133172-1RB#49



Band71-10MHz-QPSK-133172-50RB#0



Band71-10MHz-QPSK-133422-1RB#0



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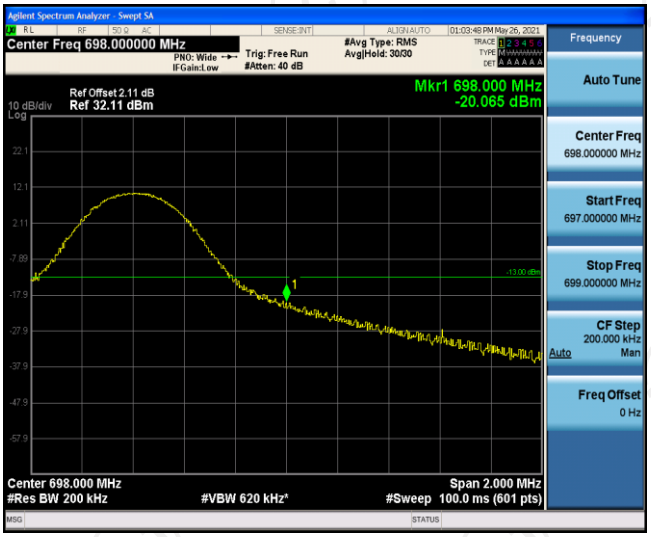

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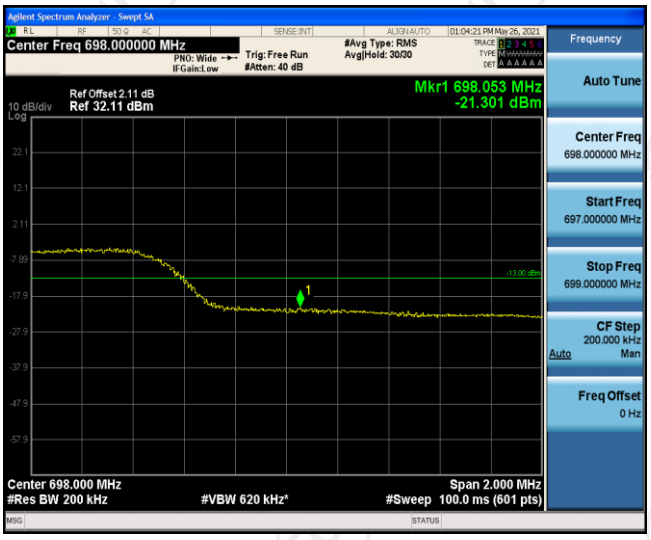

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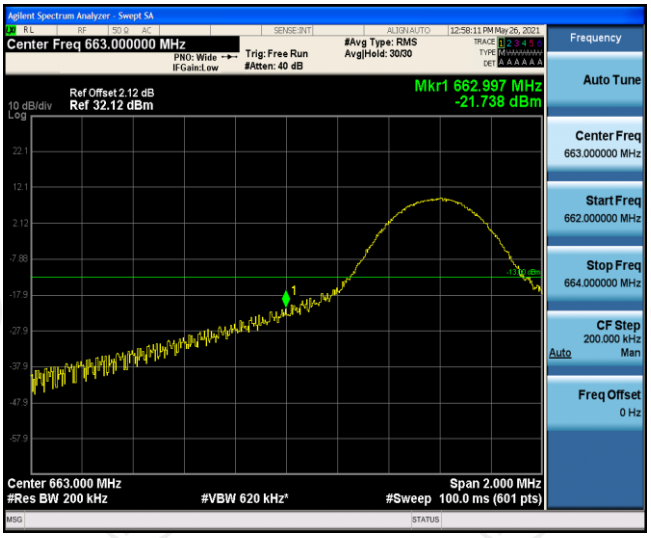

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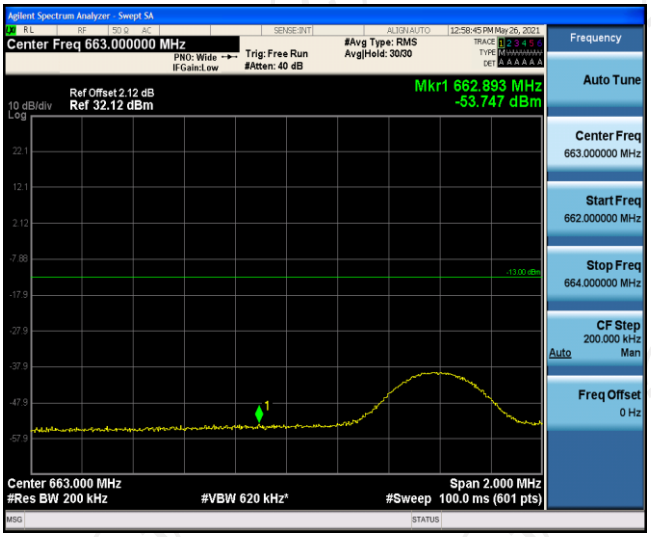
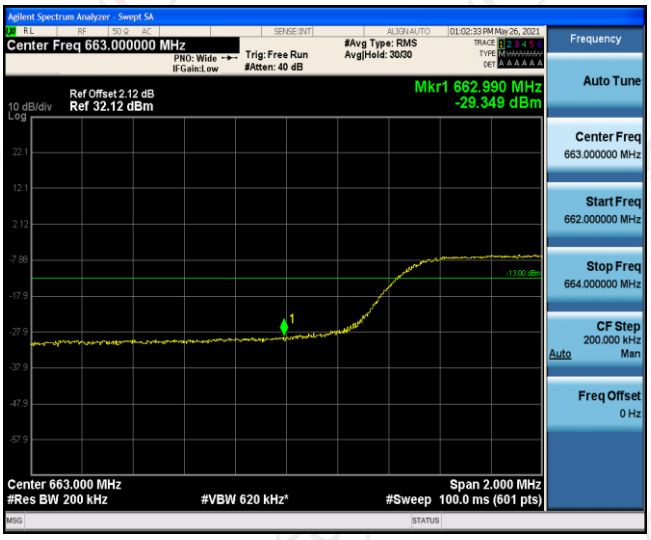


Band71-10MHz-16QAM-133172-50RB#0



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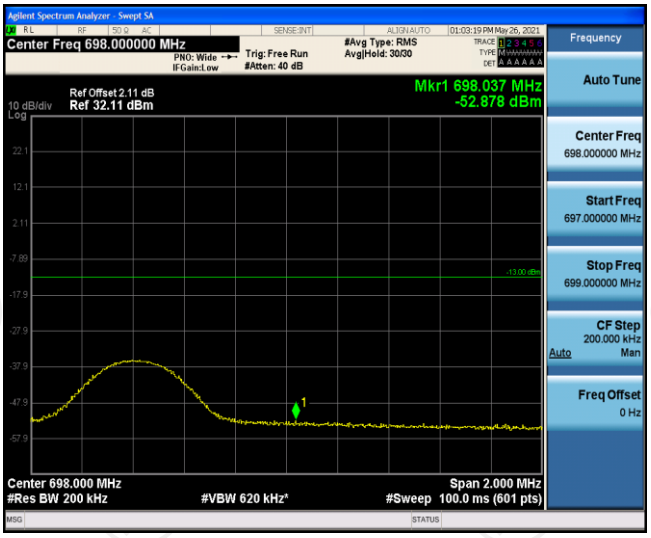
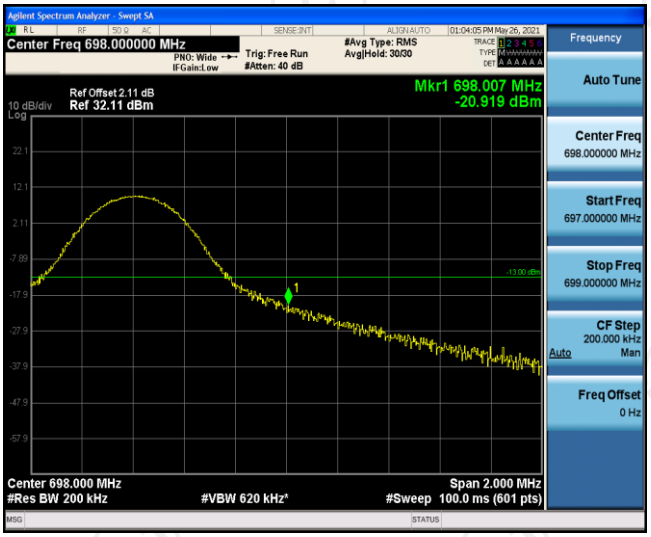
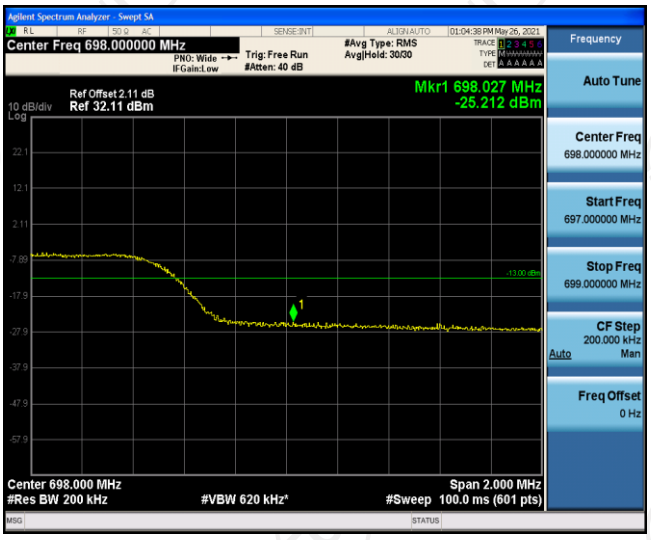


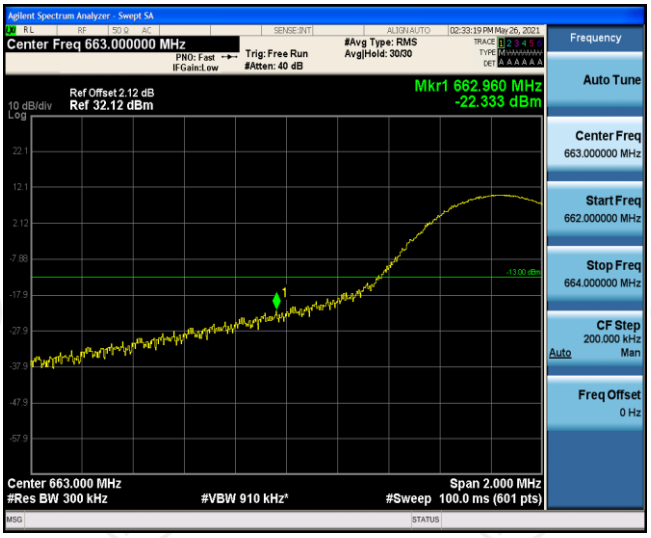
Band71-10MHz-16QAM-133422-1RB#49



Band71-10MHz-16QAM-133422-50RB#0

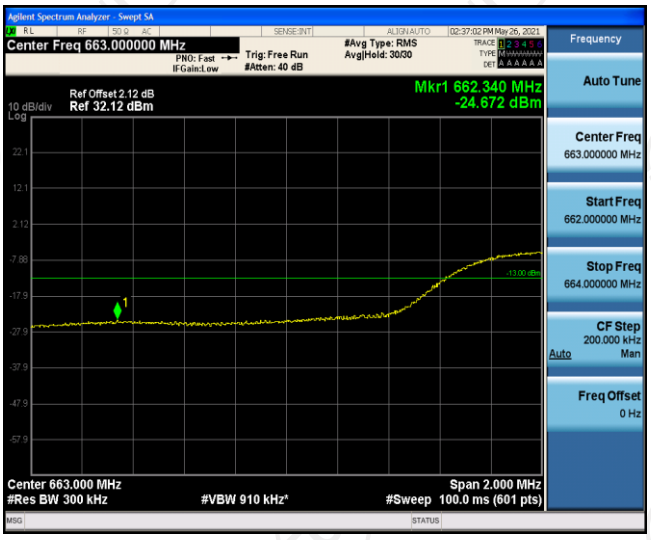


Band71-15MHz-QPSK-133197-1RB#0

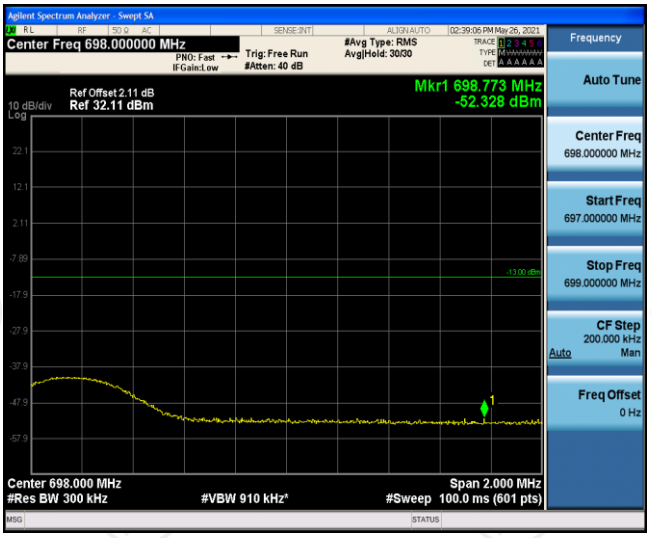


Band71-15MHz-QPSK-133197-1RB#74

Band71-15MHz-QPSK-133197-75RB#0



Band71-15MHz-QPSK-133397-1RB#0



Band71-15MHz-QPSK-133397-1RB#74