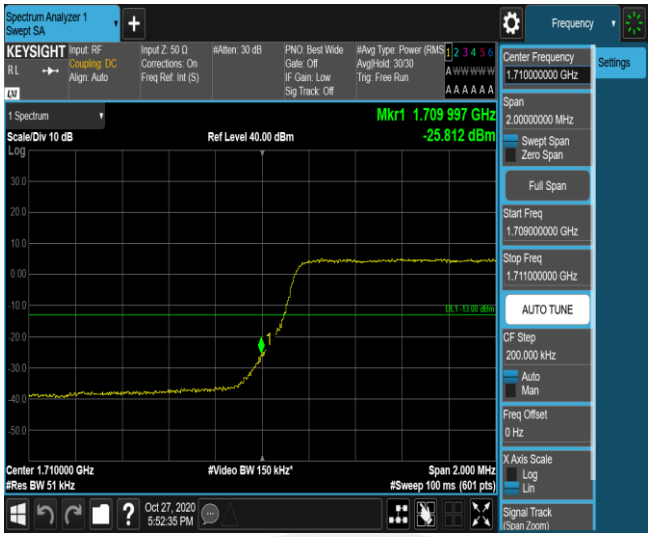

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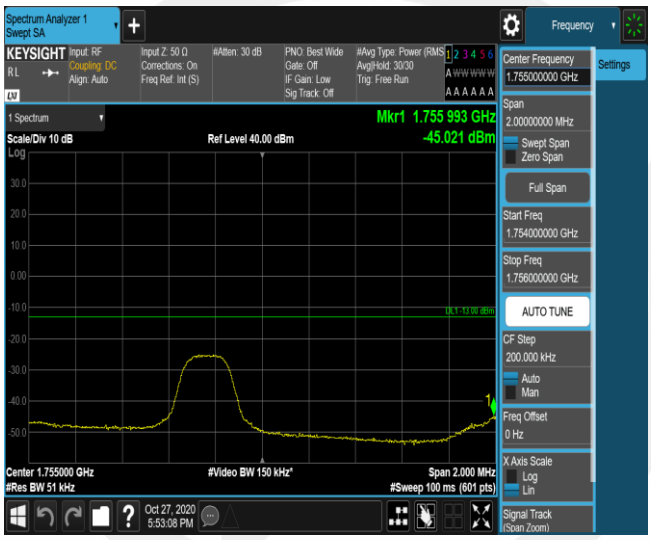

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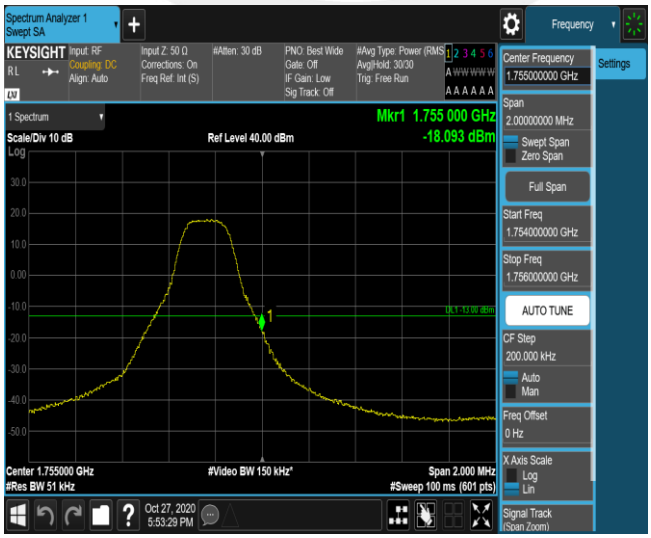

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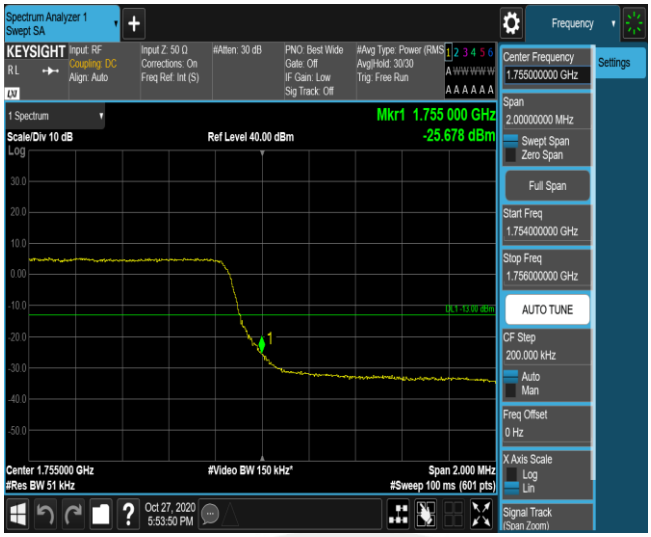

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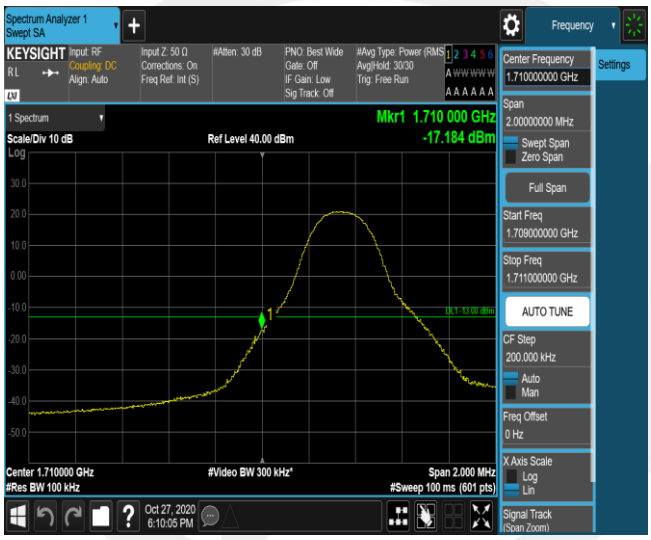

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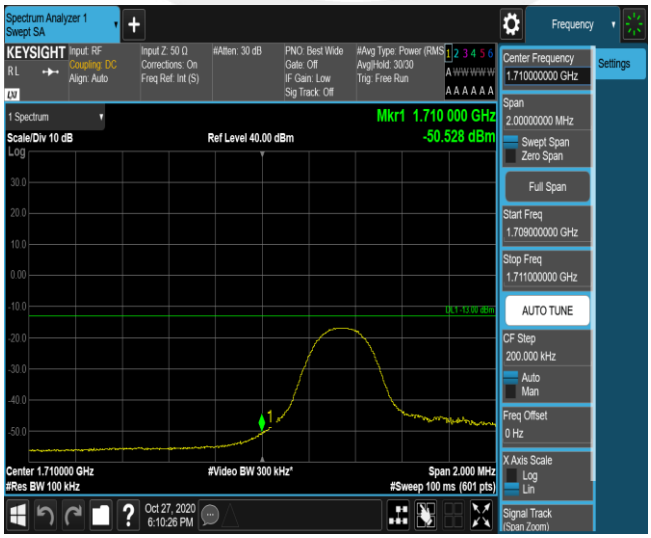

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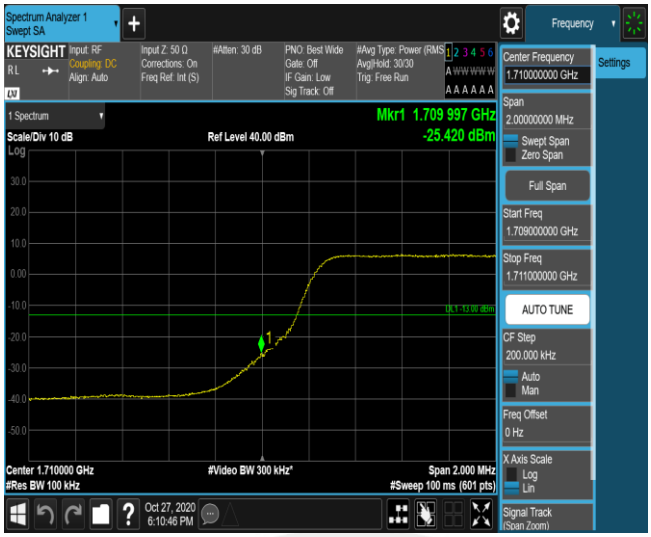

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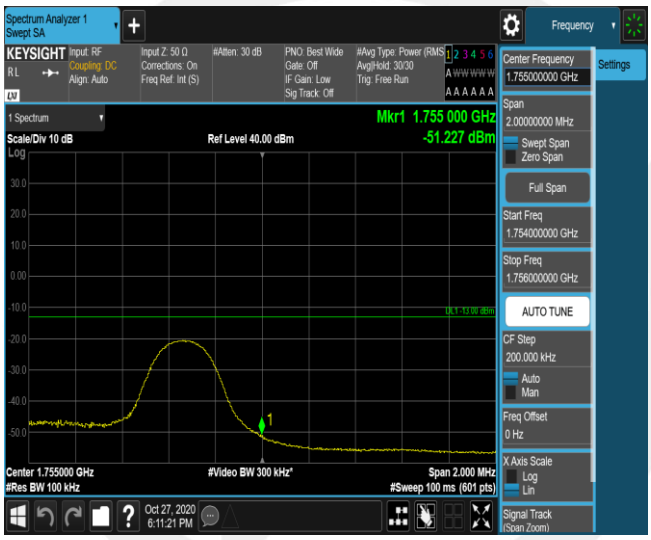

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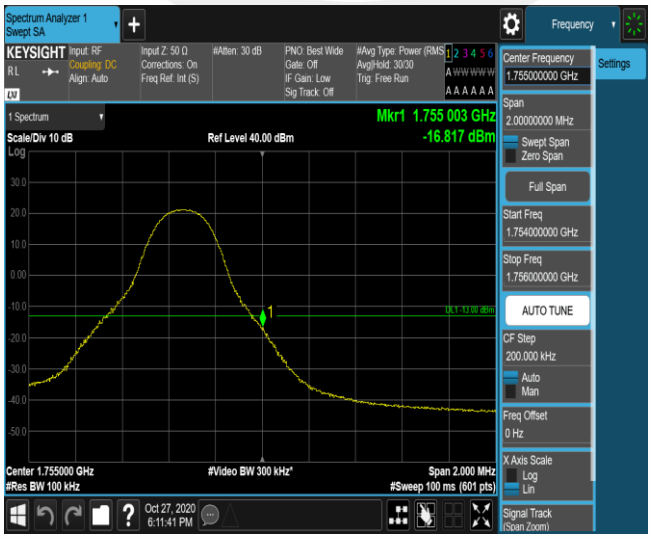

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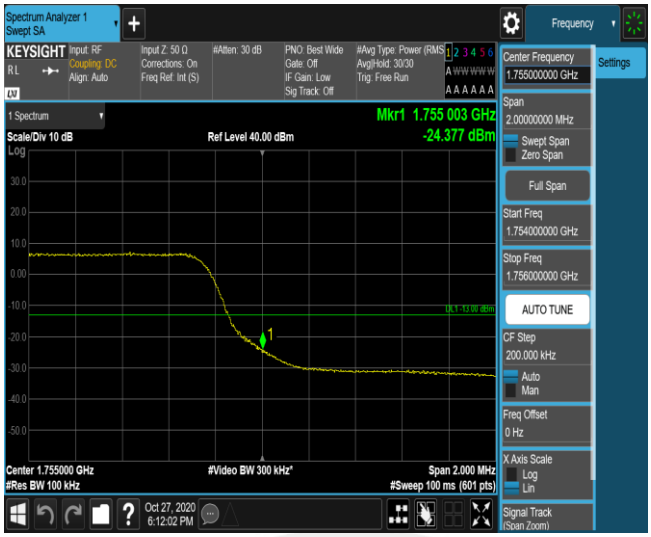

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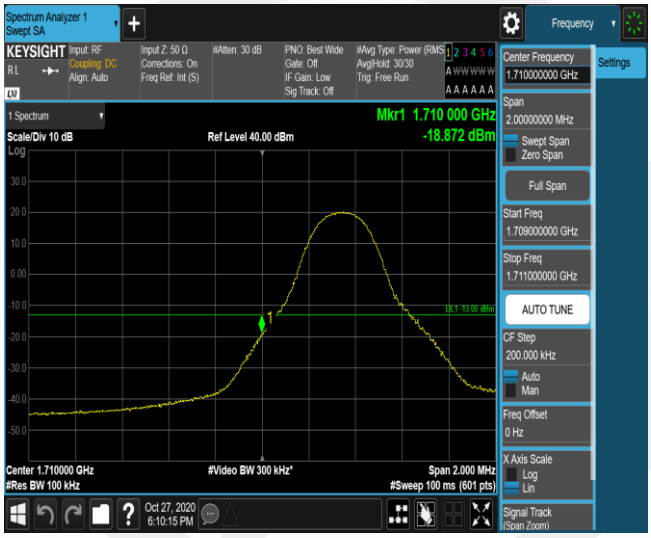

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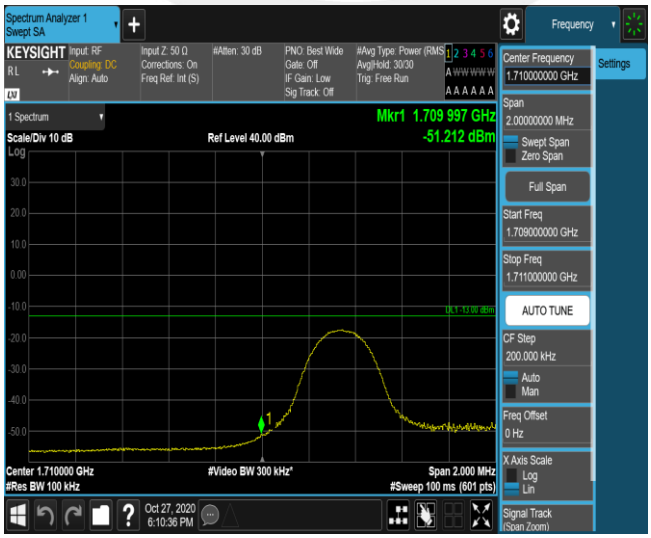

Band4-5MHz-16QAM-19975-25RB#0

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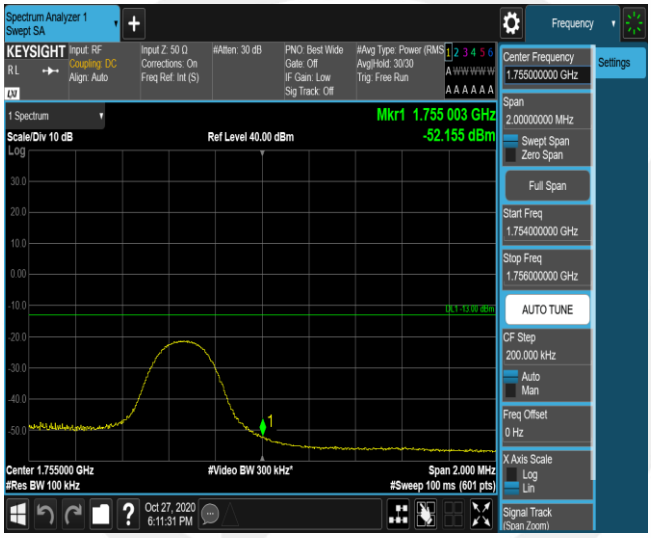

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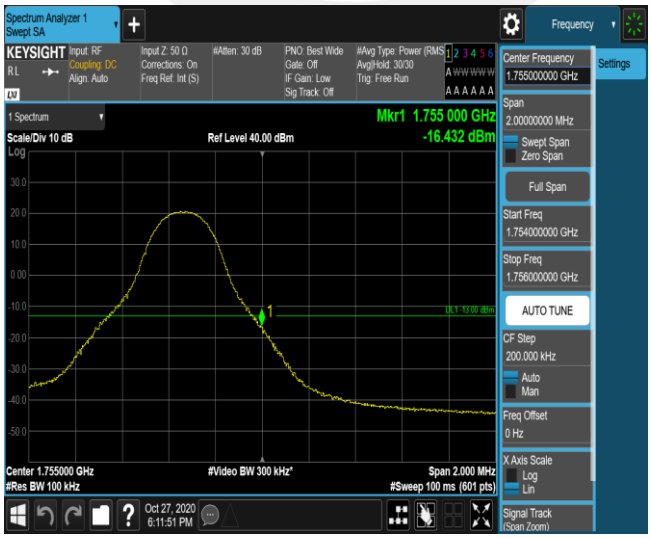
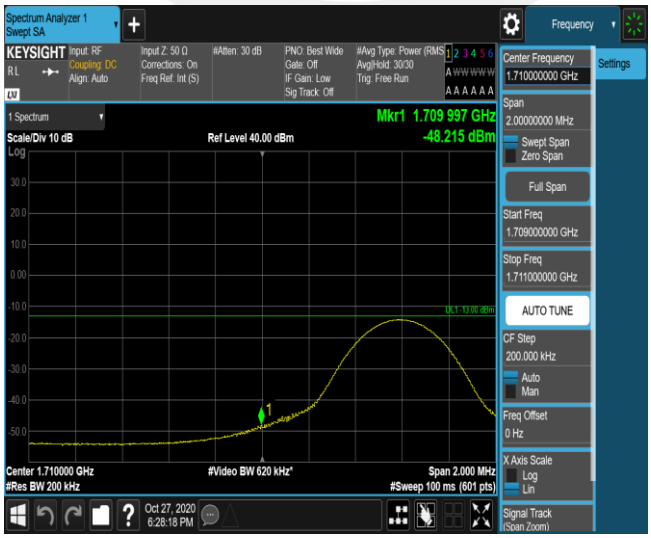


Band4-5MHz-16QAM-20375-25RB#0

Band4-10MHz-QPSK-20000-1RB#0

Band4-10MHz-QPSK-20000-1RB#49



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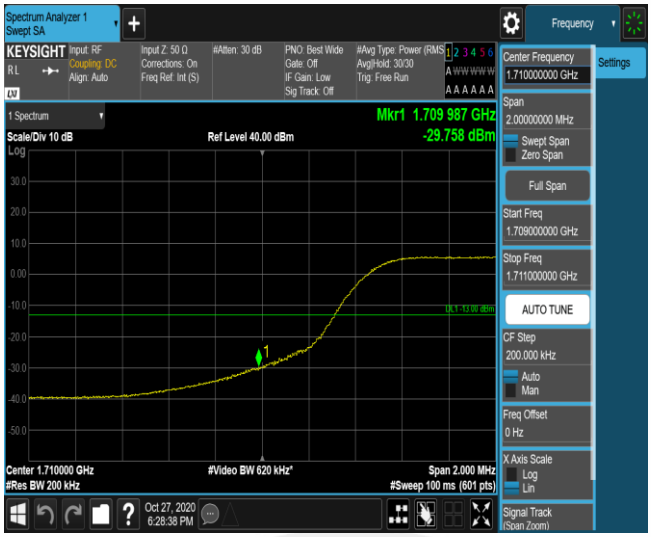

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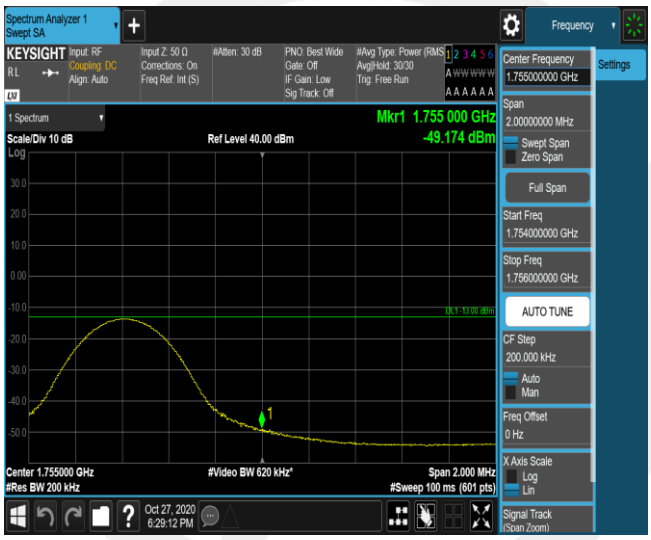

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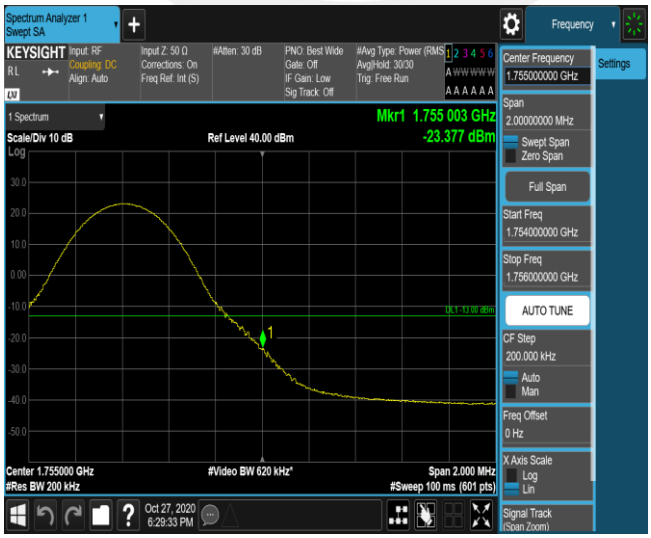

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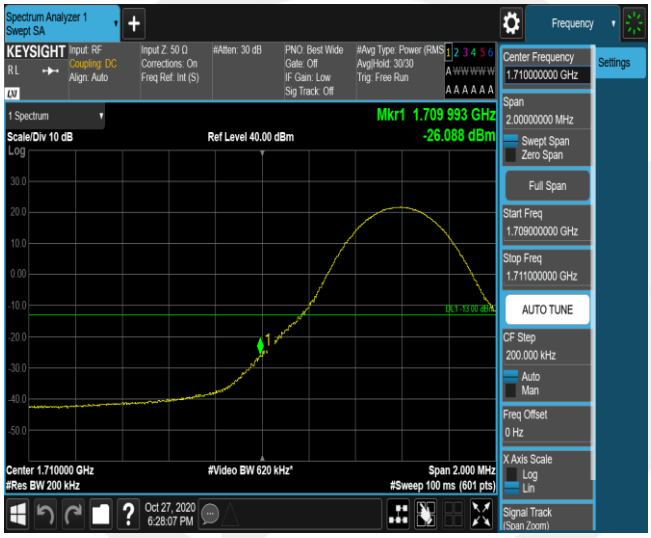

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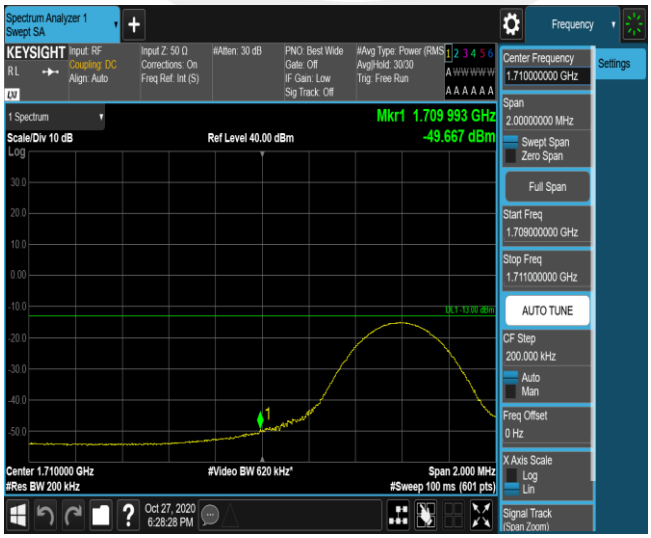

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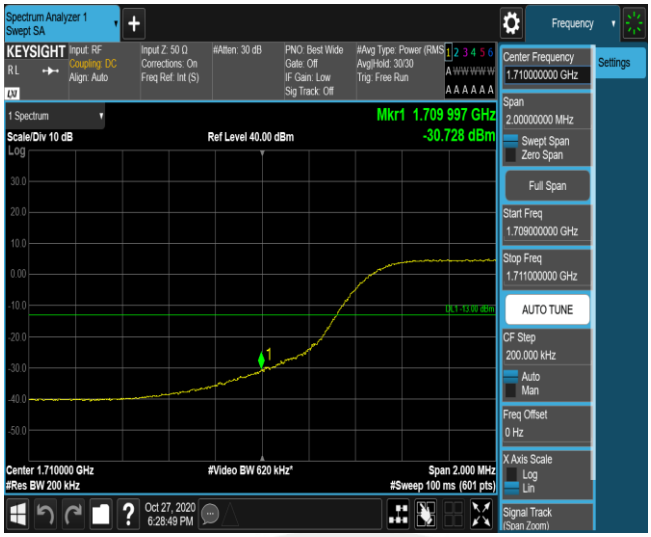

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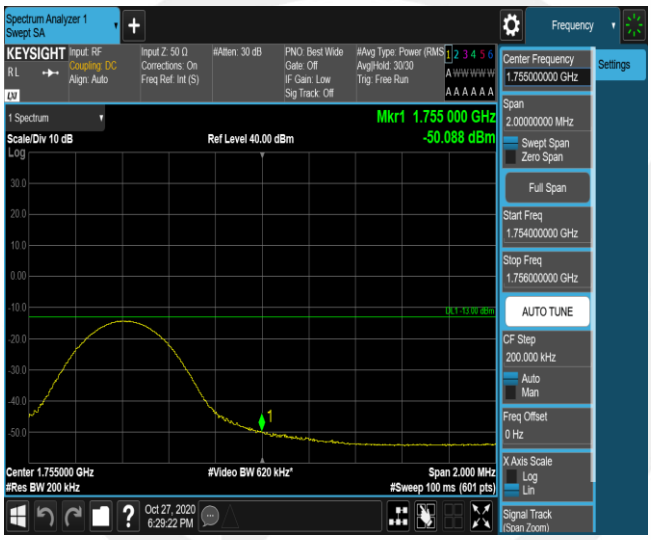

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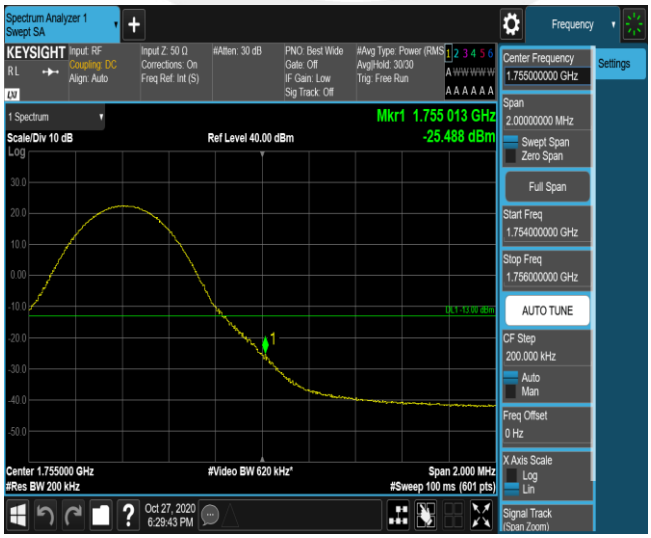

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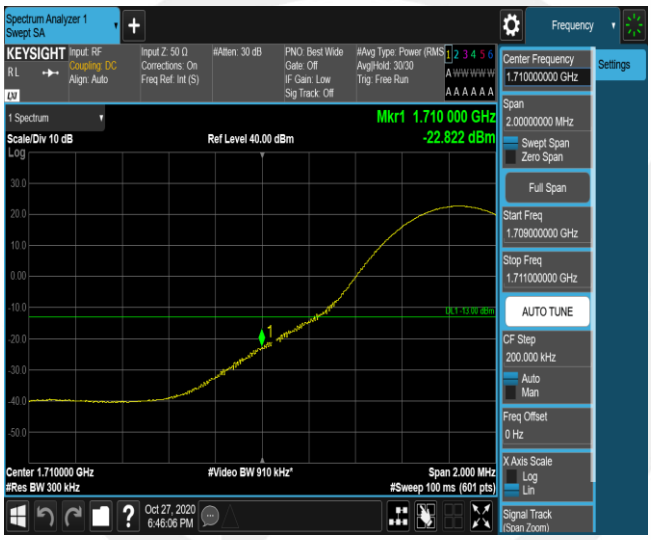

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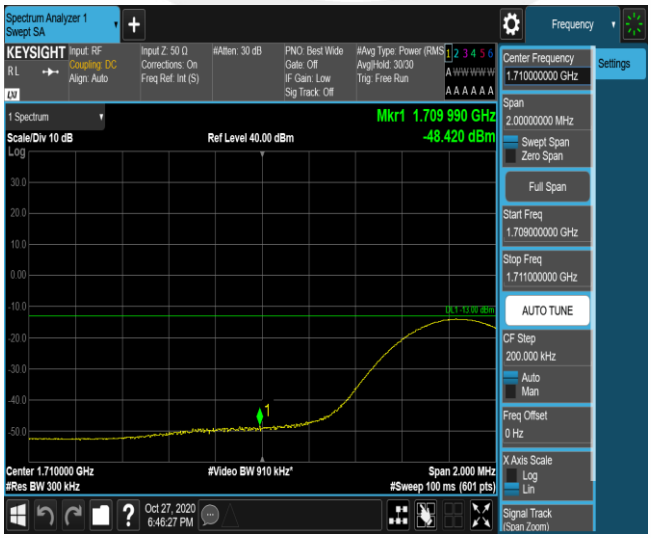

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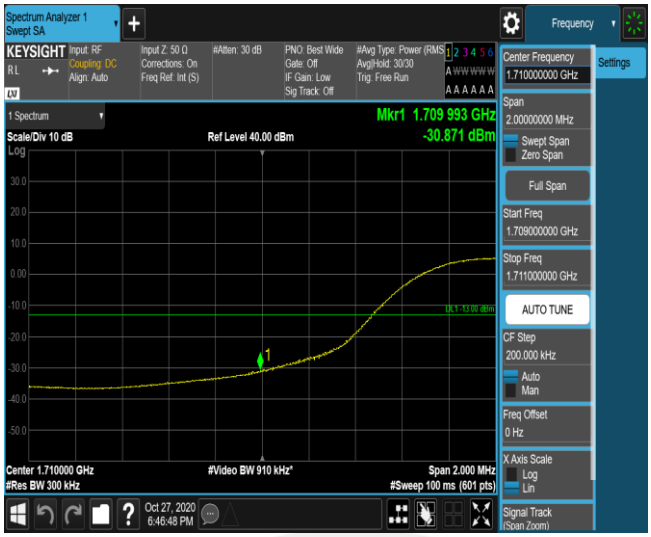

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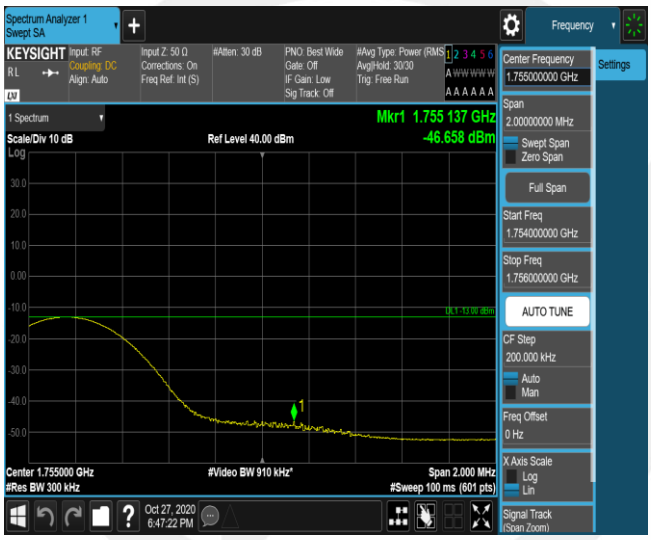

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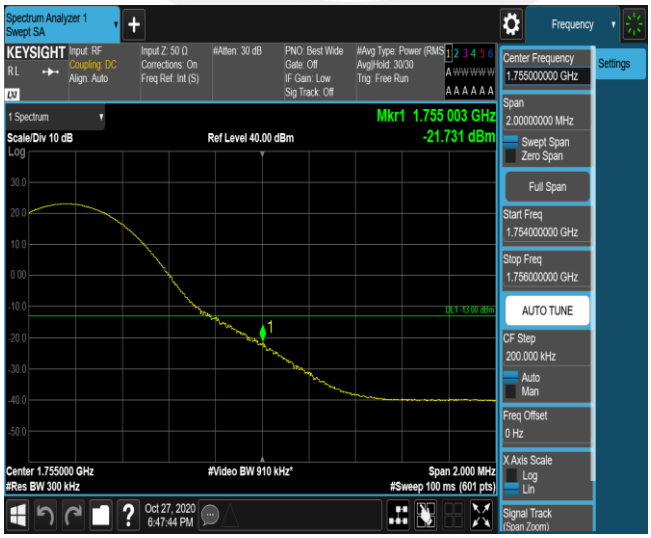

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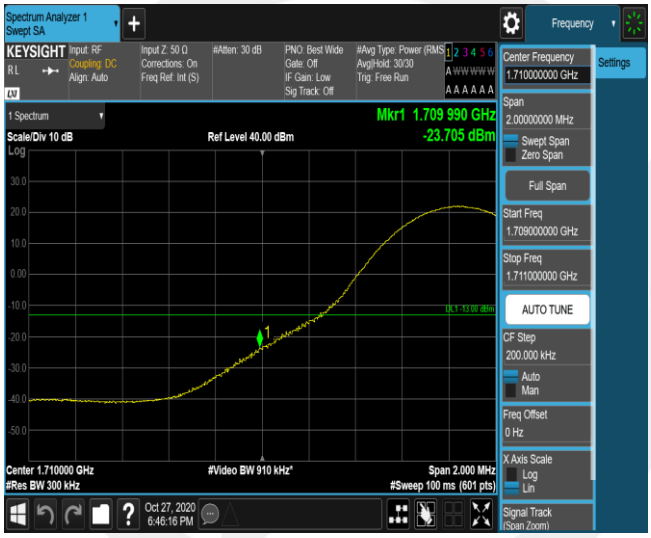

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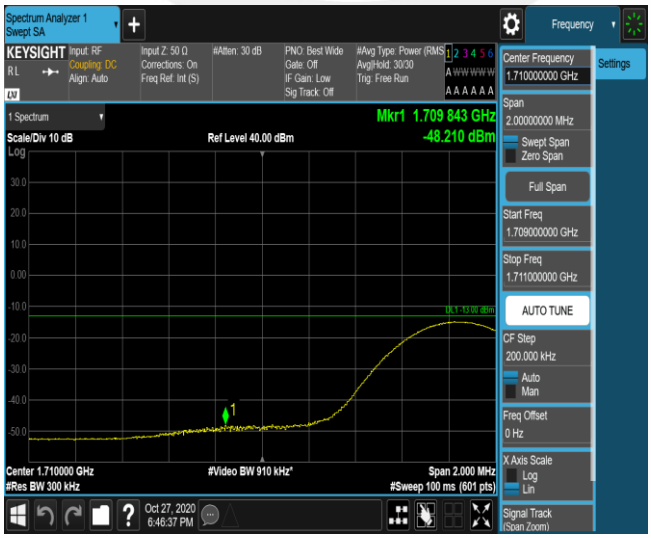

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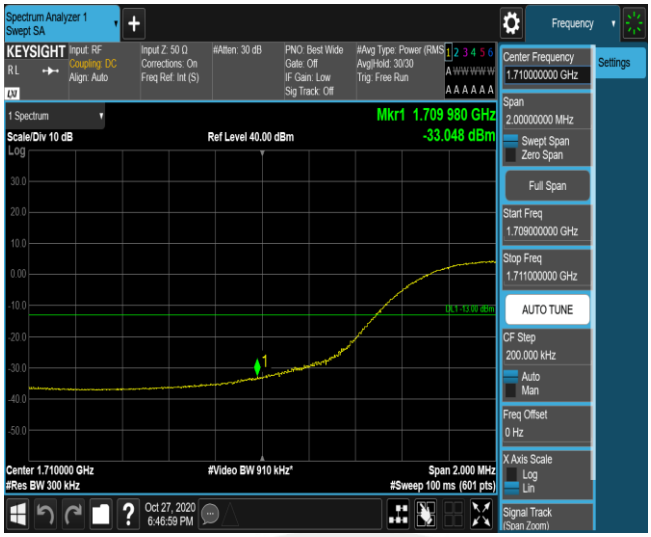

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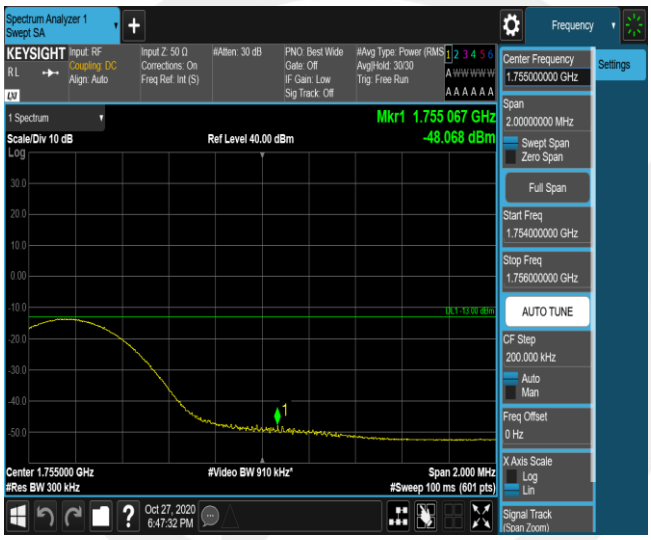

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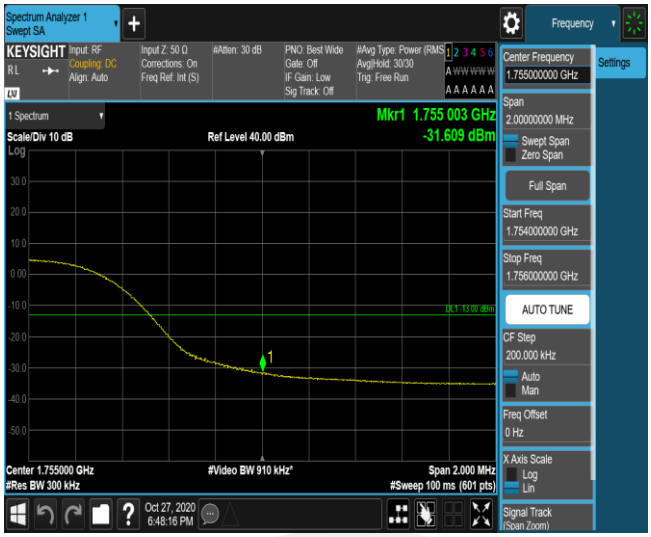

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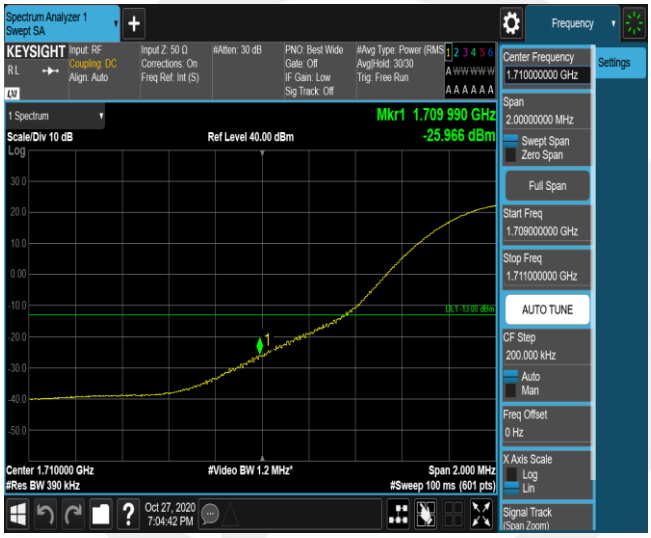

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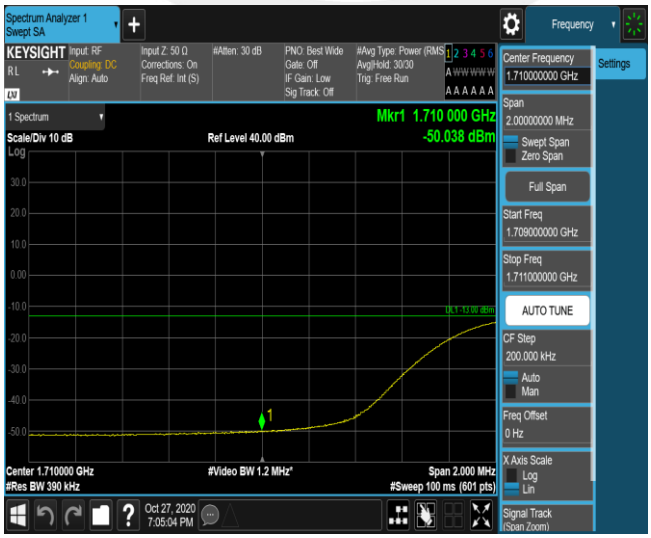

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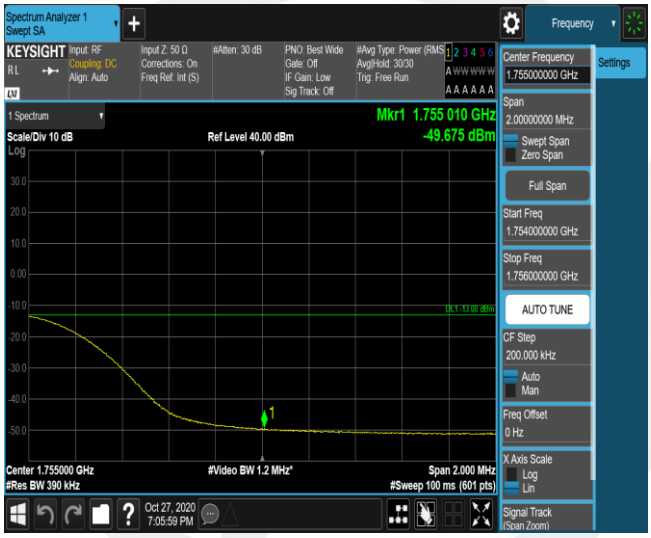

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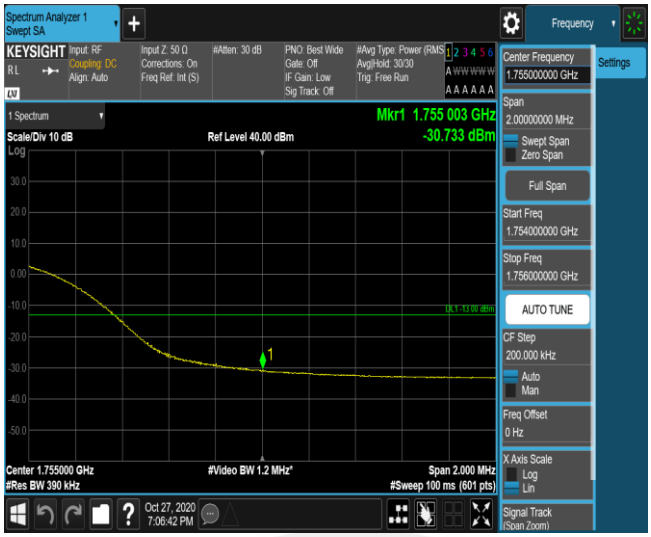

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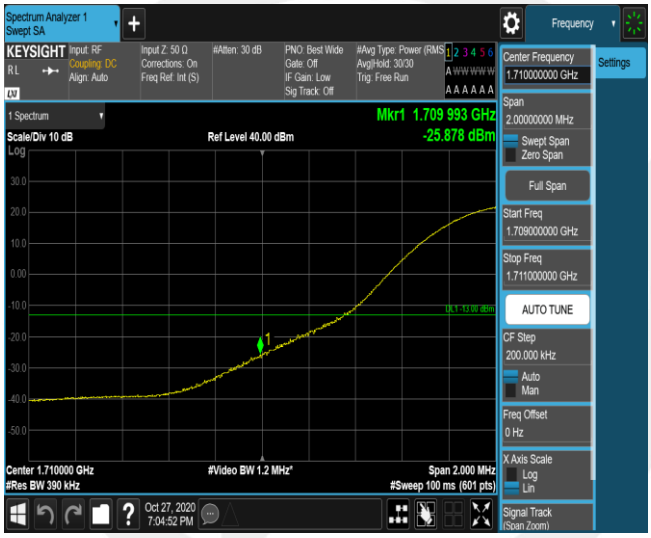

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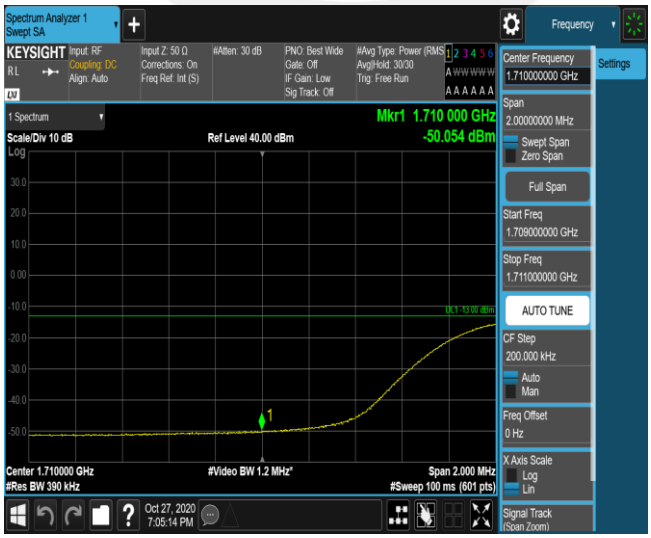

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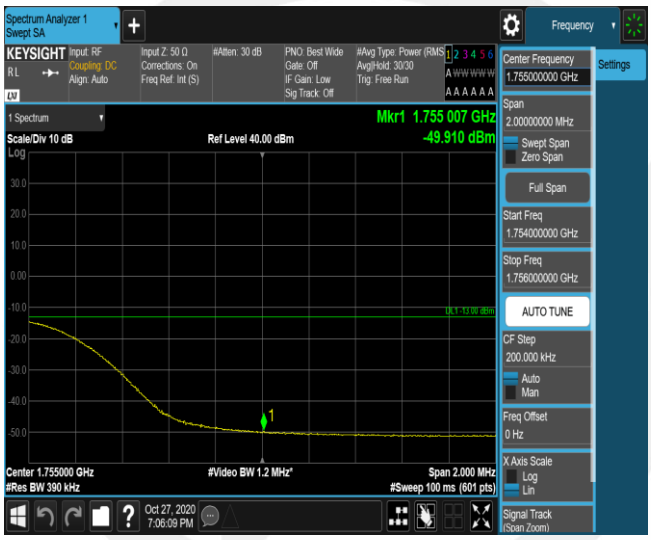

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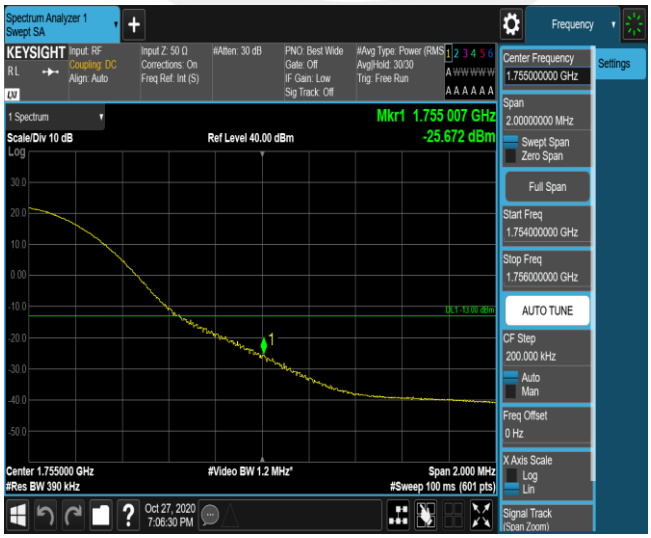

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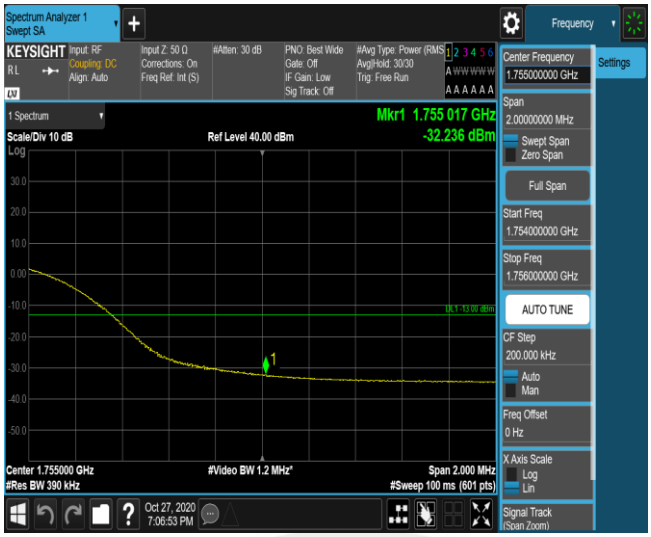
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: On
Freq Ref: Int (S)
#Atten: 30 dB
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 30/30
Trig: Free Run
1 Spectrum
Mkr1 1.755 017 GHz
-32.236 dBm
Scale/Div 10 dB
Ref Level 40.00 dBm
Log
Center 1.755000 GHz
#Res BW 390 kHz
#Video BW 1.2 MHz*
Span 2.000 MHz
#Sweep 100 ms (601 pts)
Oct 27, 2020
7:06:53 PM
Frequency
Settings
Center Frequency
1.755000000 GHz
Span
2.00000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
1.754000000 GHz
Stop Freq
1.756000000 GHz
AUTO TUNE
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band 4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-38.36	PASS
Band 4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000MHz	-37.57	PASS
Band 4	1.4MHz	QPSK	19957	1RB#0	Range3:2000~20000MHz	-21.7	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-38.73	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-36.49	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-21.65	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-37.88	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000MHz	-37.17	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range3:2000~20000MHz	-21.37	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-39.39	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000MHz	-37.44	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range3:2000~20000MHz	-21.03	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.05	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-36.9	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-20.09	PASS
Band 4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-38.1	PASS
Band 4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~2000MHz	-37.97	PASS

Band 4	1.4MHz	16QAM	20393	1RB#0	Range3:2000~20000MHz	-21.53	PASS
Band 4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-38.84	PASS
Band 4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000MHz	-38.2	PASS
Band 4	3MHz	QPSK	19965	1RB#0	Range3:2000~20000MHz	-21.06	PASS
Band 4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-38.53	PASS
Band 4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-37.1	PASS
Band 4	3MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-20.6	PASS
Band 4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-38.9	PASS
Band 4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000MHz	-36.51	PASS
Band 4	3MHz	QPSK	20385	1RB#0	Range3:2000~20000MHz	-21.44	PASS
Band 4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-38.86	PASS
Band 4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000MHz	-36.35	PASS
Band 4	3MHz	16QAM	19965	1RB#0	Range3:2000~20000MHz	-21.01	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.59	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-37.42	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-21.43	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-39.09	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000MHz	-36.15	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range3:2000~20000MHz	-21.55	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-38.54	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000MHz	-37.11	PASS