

Appendix Test Data(Conducted) for LTE Band12

Product Name: FH Emergency Medical Device - V1-4G
Trade Mark: FastHelp
Test Model: FH-V1-4G
FCC ID: 2AJG4-FH-V1-4G

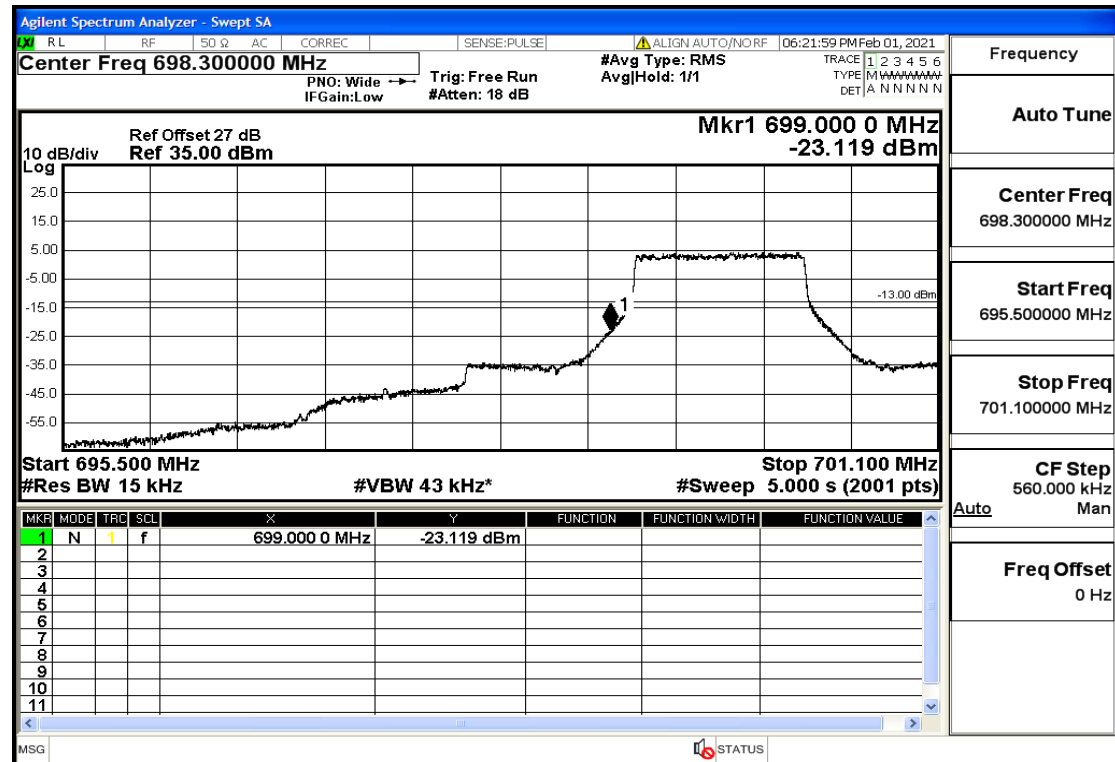
Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	For Band 12

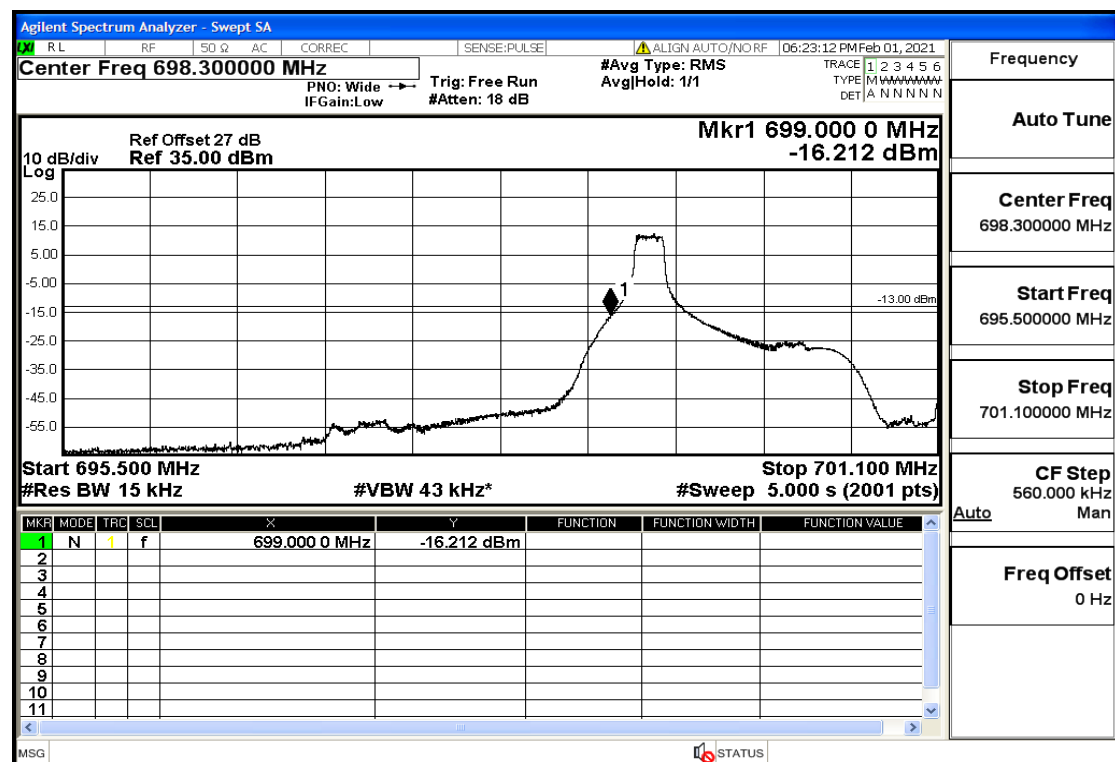
Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band12	1.4	699.7	QPSK	6	LOW	Pass
Band12	1.4	699.7	QPSK	1	LOW	Pass
Band12	1.4	699.7	16QAM	6	LOW	Pass
Band12	1.4	699.7	16QAM	1	LOW	Pass
Band12	1.4	715.3	QPSK	6	LOW	Pass
Band12	1.4	715.3	QPSK	1	HIGH	Pass
Band12	1.4	715.3	16QAM	6	LOW	Pass
Band12	1.4	715.3	16QAM	1	HIGH	Pass
Band12	3	700.5	QPSK	15	LOW	Pass
Band12	3	700.5	QPSK	1	LOW	Pass
Band12	3	700.5	16QAM	15	LOW	Pass
Band12	3	700.5	16QAM	1	LOW	Pass
Band12	3	714.5	QPSK	15	LOW	Pass
Band12	3	714.5	QPSK	1	HIGH	Pass
Band12	3	714.5	16QAM	15	LOW	Pass
Band12	3	714.5	16QAM	1	HIGH	Pass
Band12	5	701.5	QPSK	25	LOW	Pass
Band12	5	701.5	QPSK	1	LOW	Pass
Band12	5	701.5	16QAM	25	LOW	Pass
Band12	5	701.5	16QAM	1	LOW	Pass
Band12	5	713.5	QPSK	25	LOW	Pass
Band12	5	713.5	QPSK	1	HIGH	Pass
Band12	5	713.5	16QAM	25	LOW	Pass
Band12	5	713.5	16QAM	1	HIGH	Pass

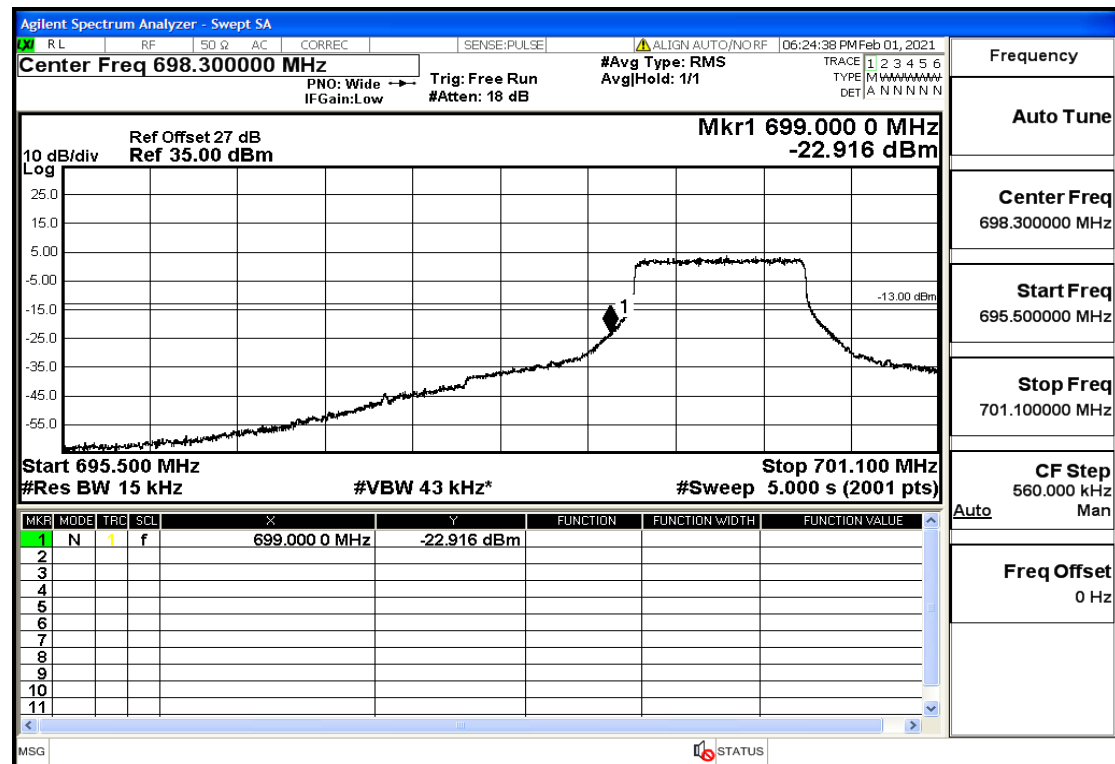
Band12-1.4-699.7-QPSK-6#LOW@Pass



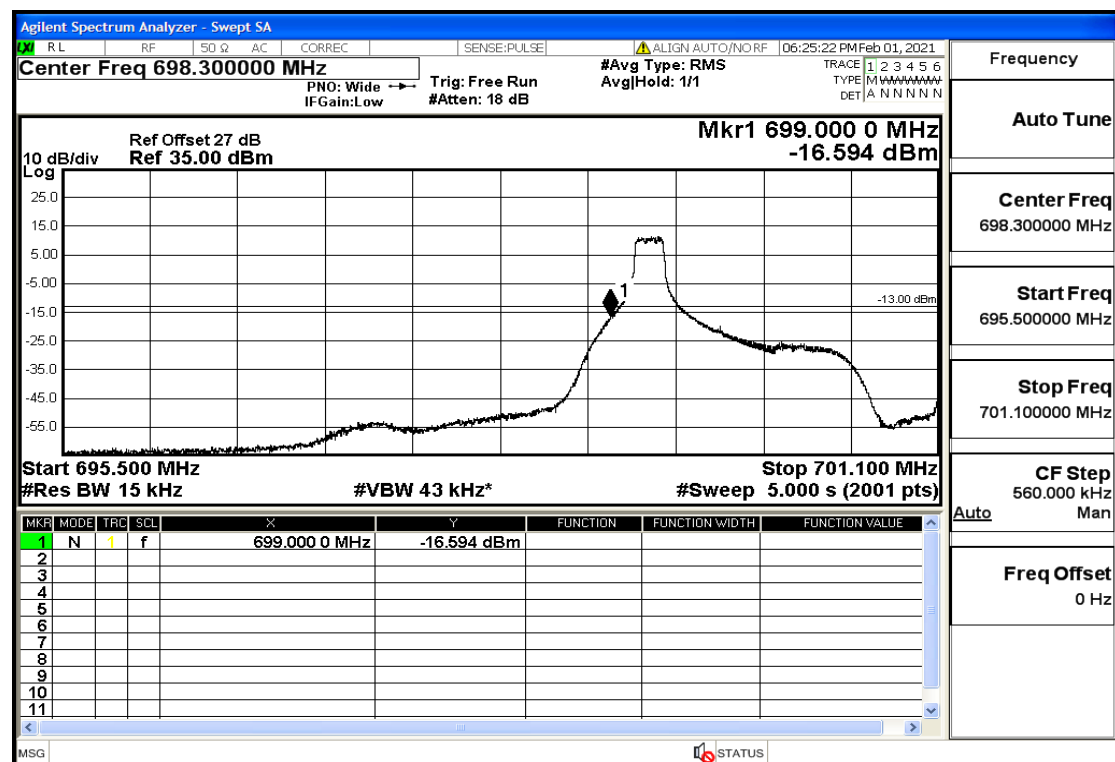
Band12-1.4-699.7-QPSK-1#LOW@Pass



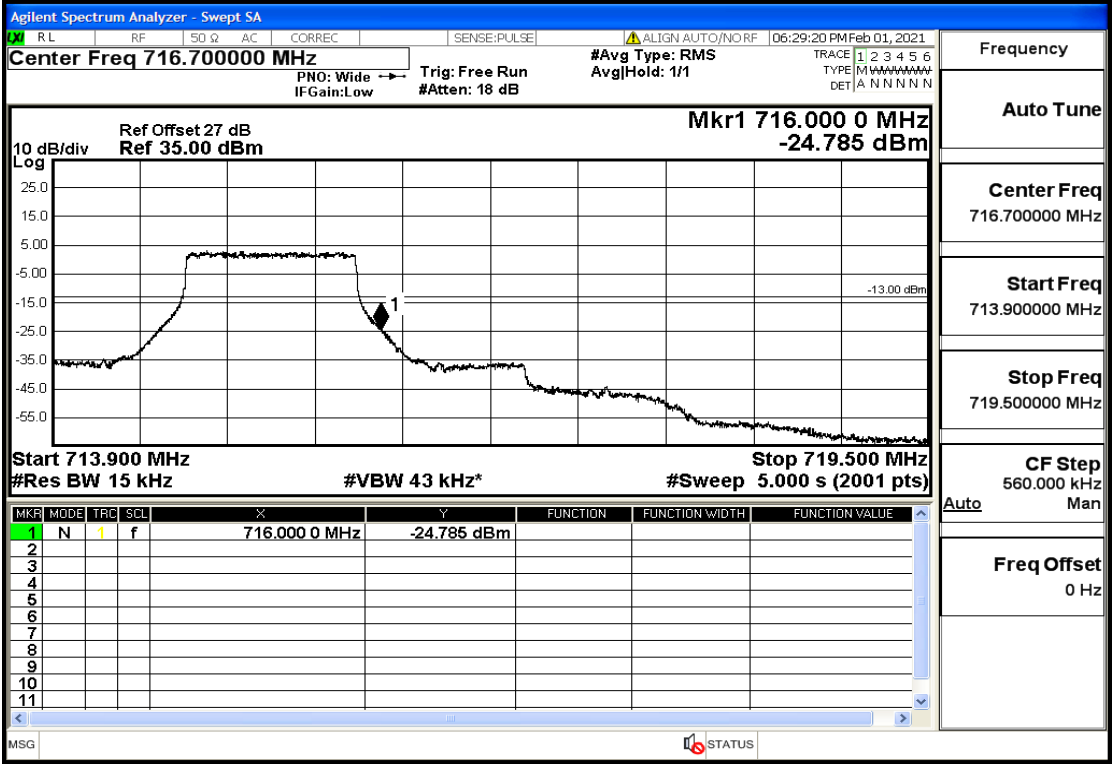
Band12-1.4-699.7-16QAM-6#LOW@Pass



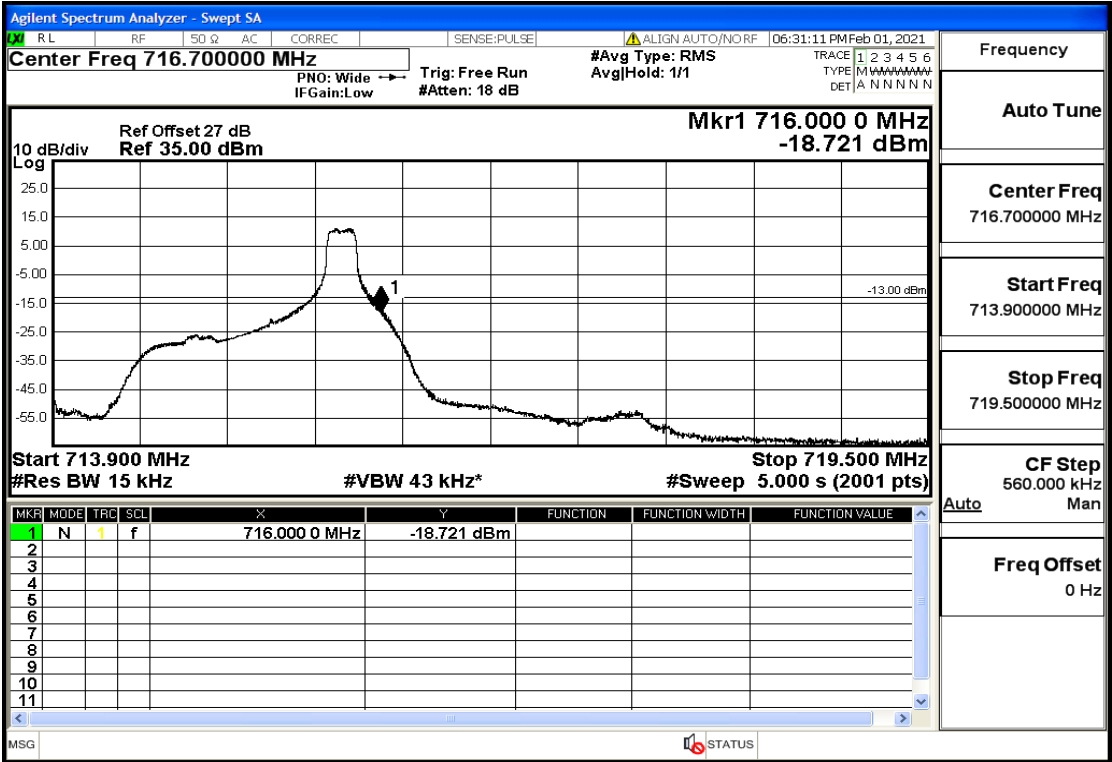
Band12-1.4-699.7-16QAM-1#LOW@Pass



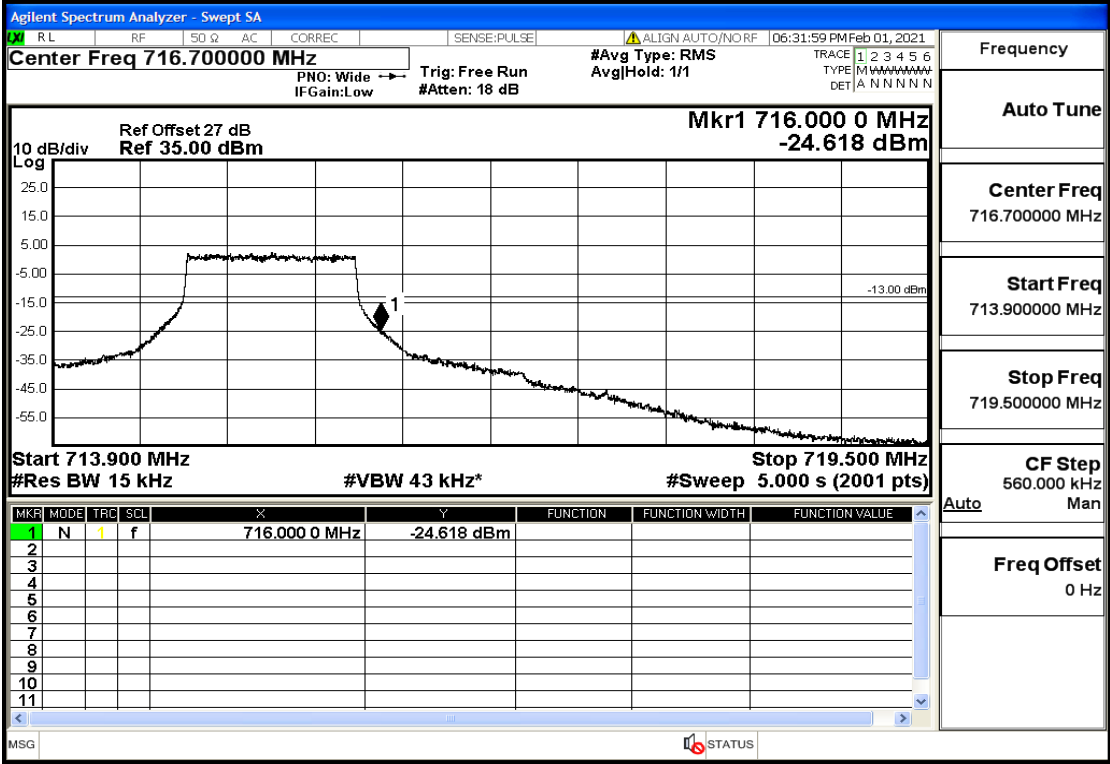
Band12-1.4-715.3-QPSK-6#LOW@Pass



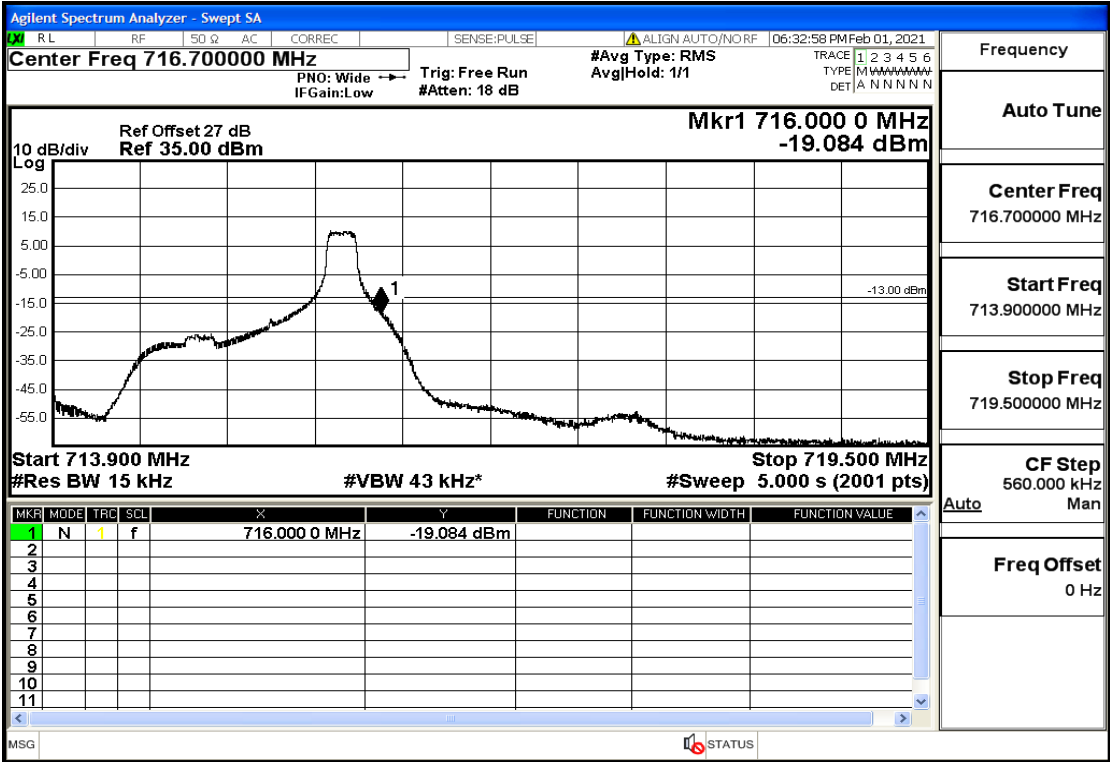
Band12-1.4-715.3-QPSK-1#HIGH@Pass



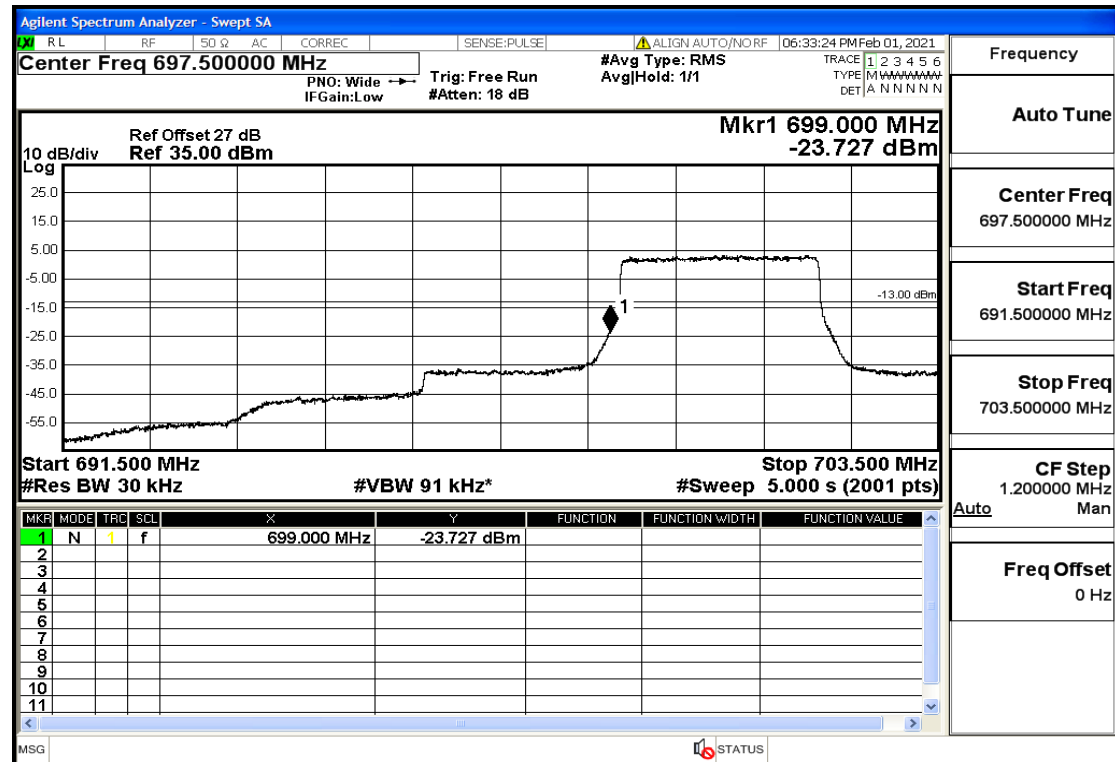
Band12-1.4-715.3-16QAM-6#LOW@Pass



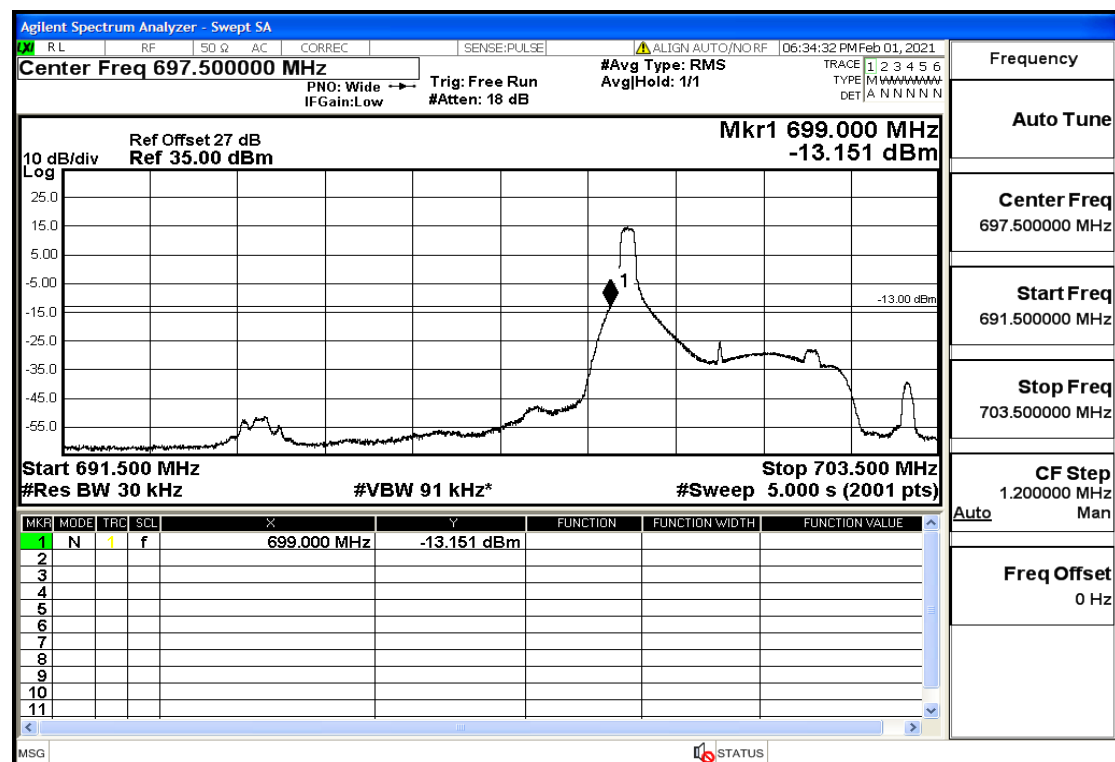
Band12-1.4-715.3-16QAM-1#HIGH@Pass



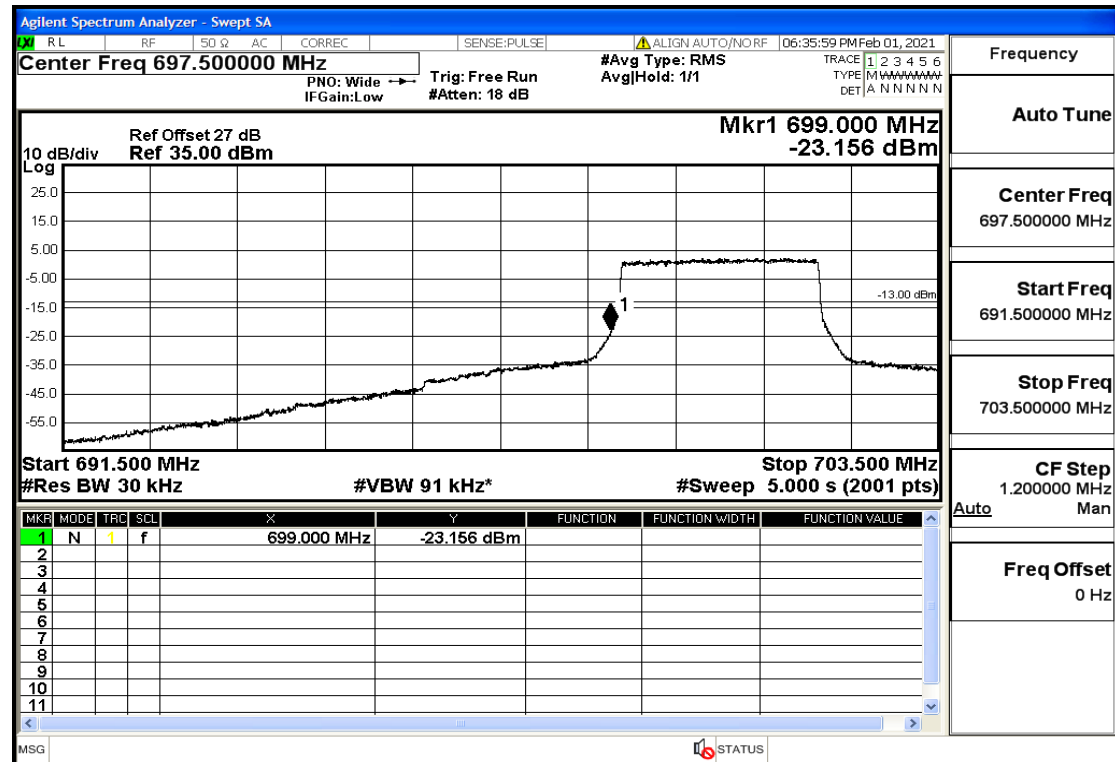
Band12-3-700.5-QPSK-15#LOW@Pass



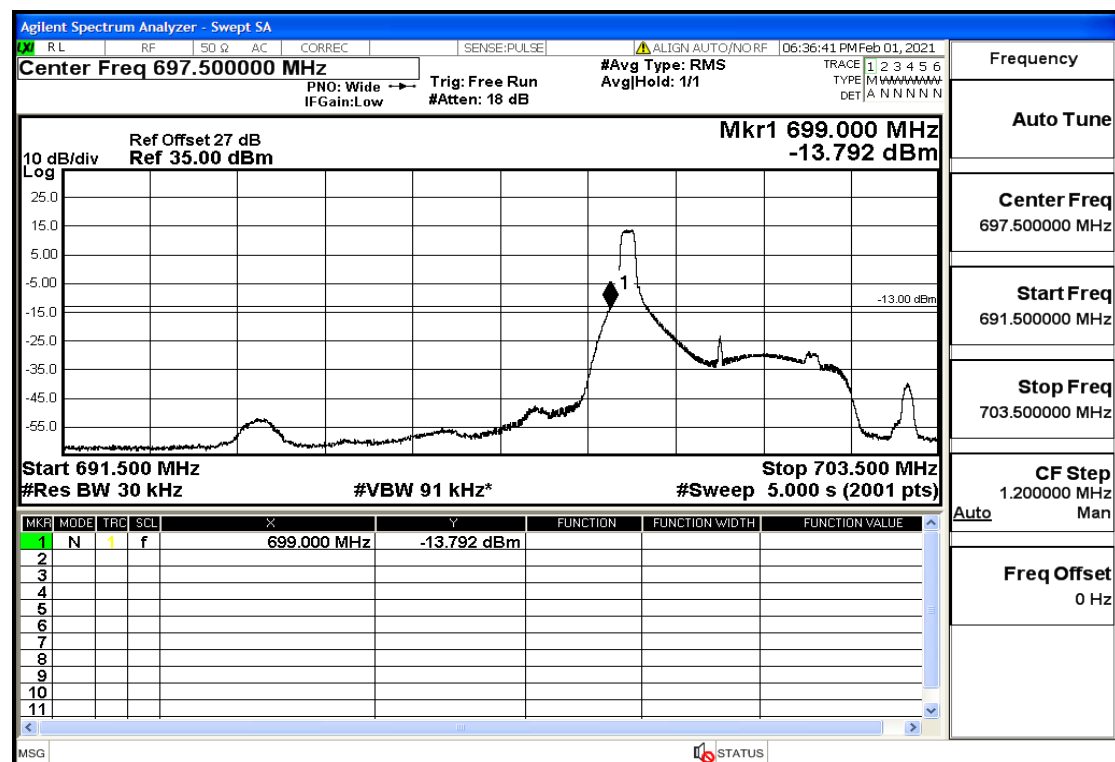
Band12-3-700.5-QPSK-1#LOW@Pass



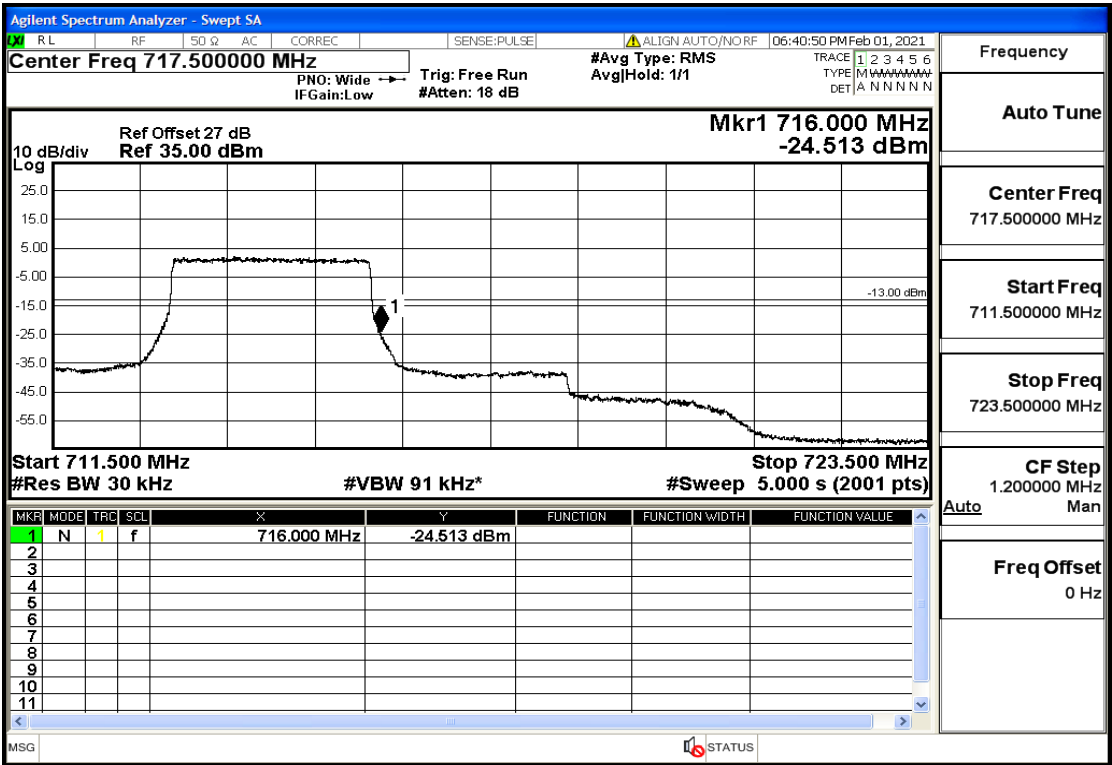
Band12-3-700.5-16QAM-15#LOW@Pass



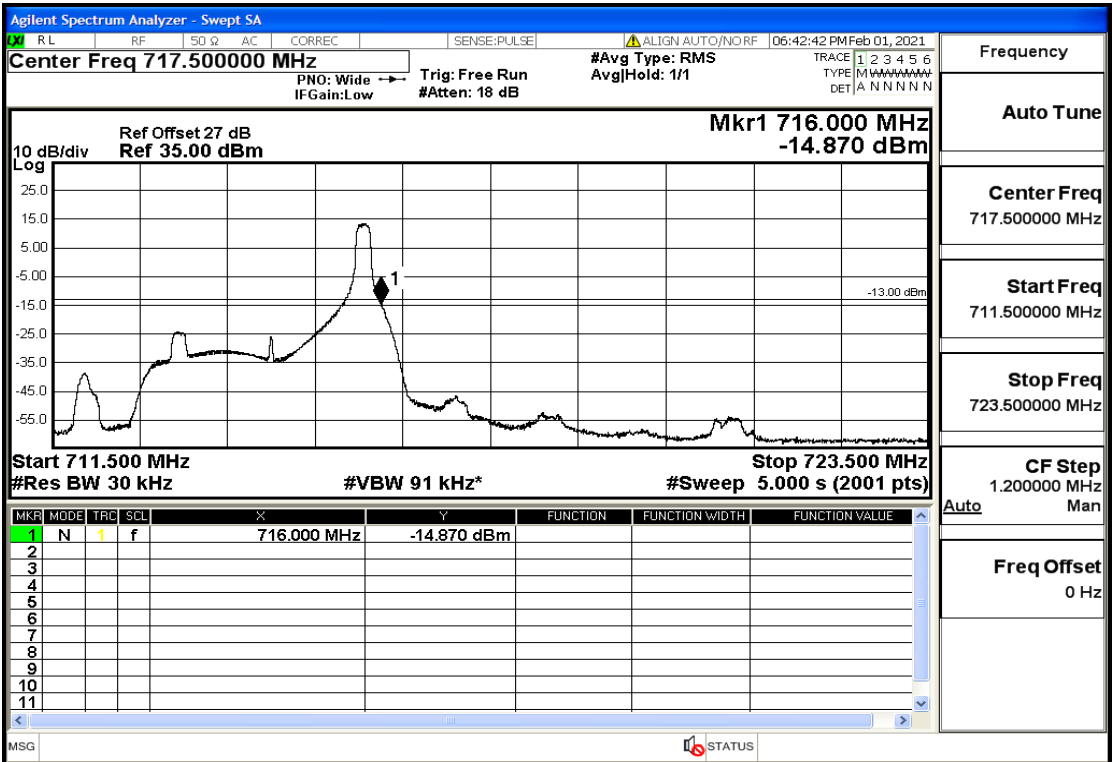
Band12-3-700.5-16QAM-1#LOW@Pass



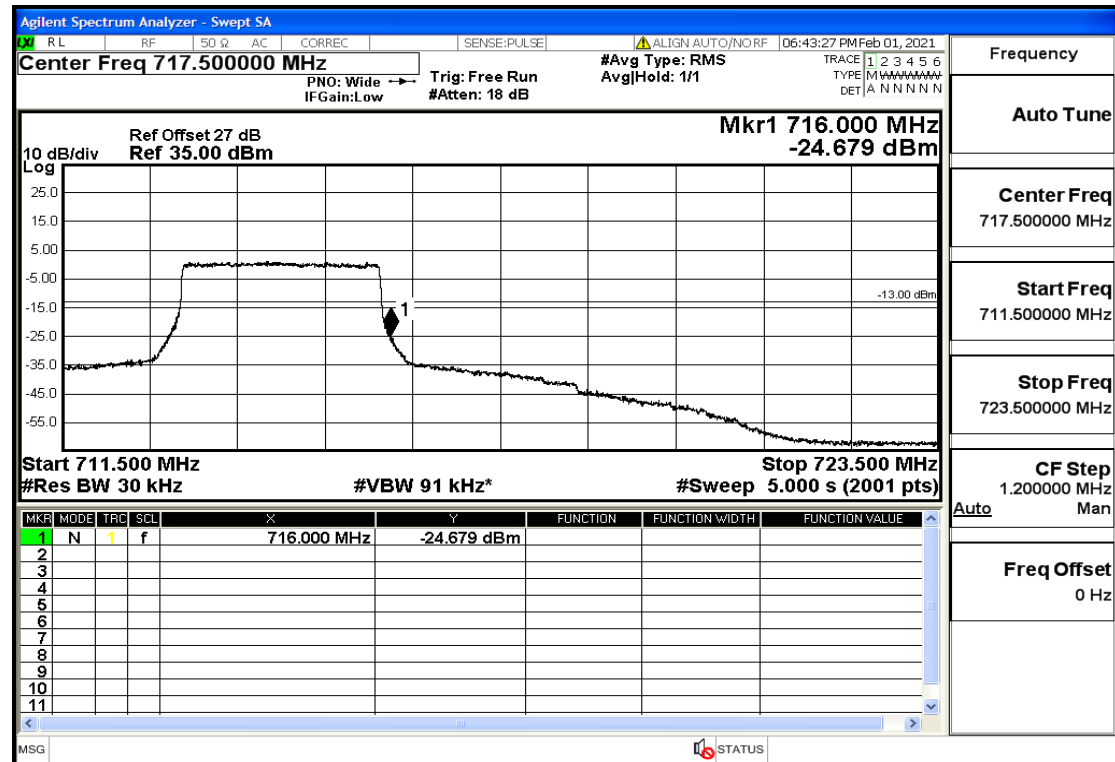
Band12-3-714.5-QPSK-15#LOW@Pass



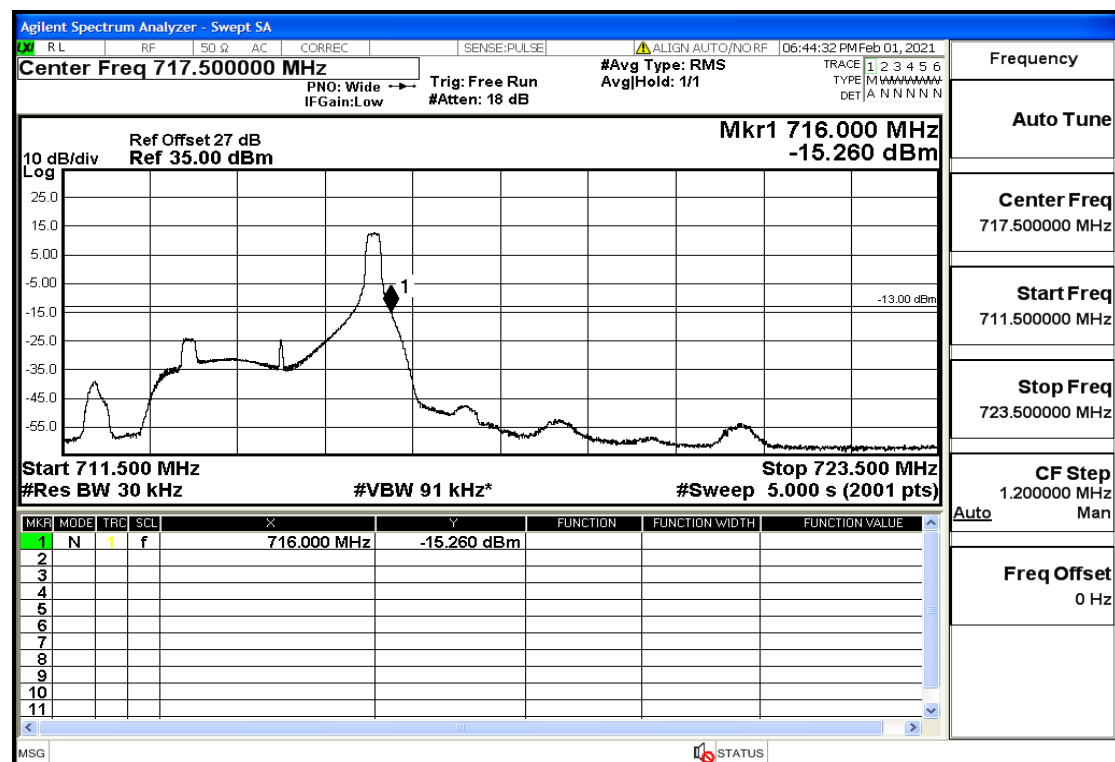
Band12-3-714.5-QPSK-1#HIGH@Pass



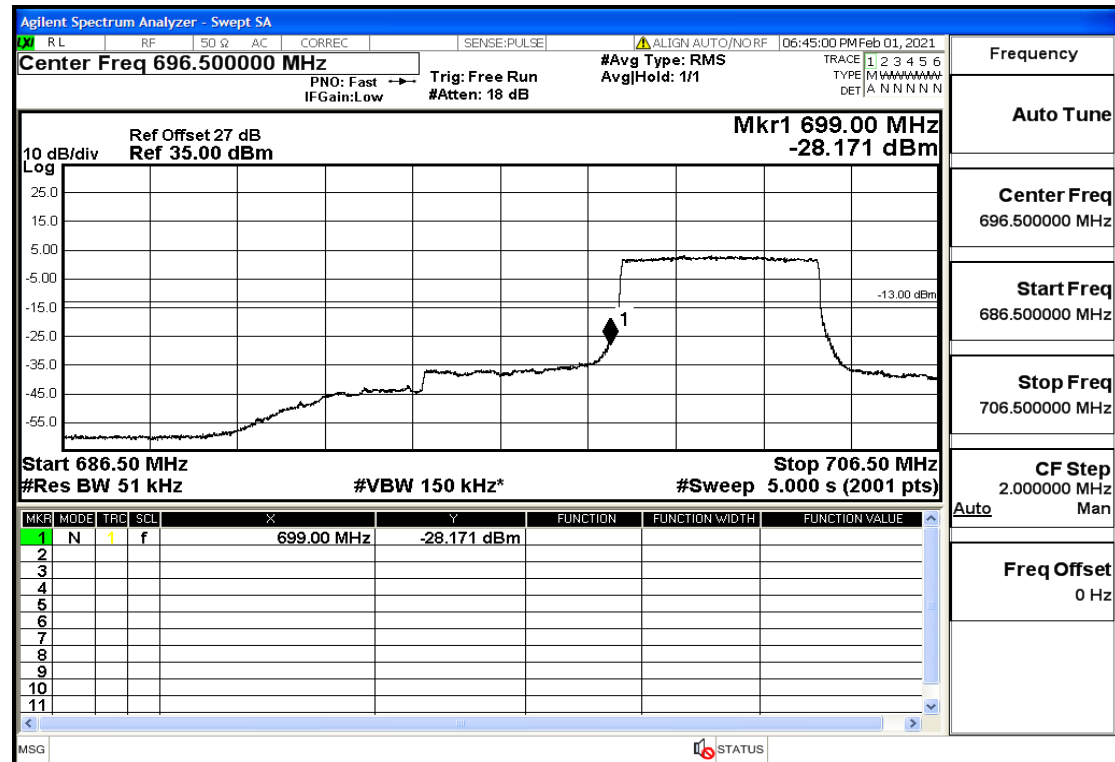
Band12-3-714.5-16QAM-15#LOW@Pass



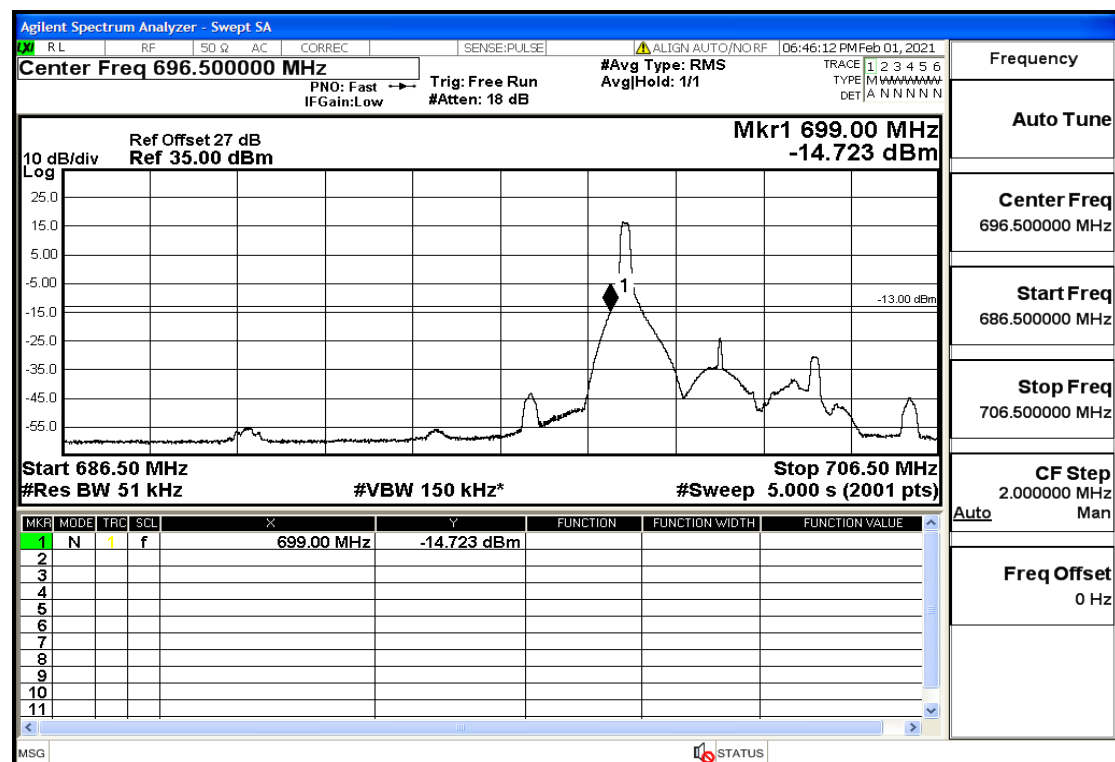
Band12-3-714.5-16QAM-1#HIGH@Pass



Band12-5-701.5-QPSK-25#LOW@Pass



Band12-5-701.5-QPSK-1#LOW@Pass



[illegible]

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:PULSE ALIGN AUTO/NORF 06:48:40 PM Feb 01, 2021

Center Freq 696.500000 MHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 18 dB #Avg Type: RMS Avg/Hold: 1/1

TRACE 1 2 3 4 5 6 TYPE MIN MAX AVERAGE DET A N N N N N

Ref Offset 27 dB Mkr1 699.00 MHz
Ref 35.00 dBm -14.665 dBm

10 dB/div Log

Start 686.50 MHz Stop 706.50 MHz
#Res BW 51 kHz #VBW 150 kHz* #Sweep 5.000 s (2001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	f	699.00 MHz	-14.665 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

Auto Tune

Center Freq 696.500000 MHz

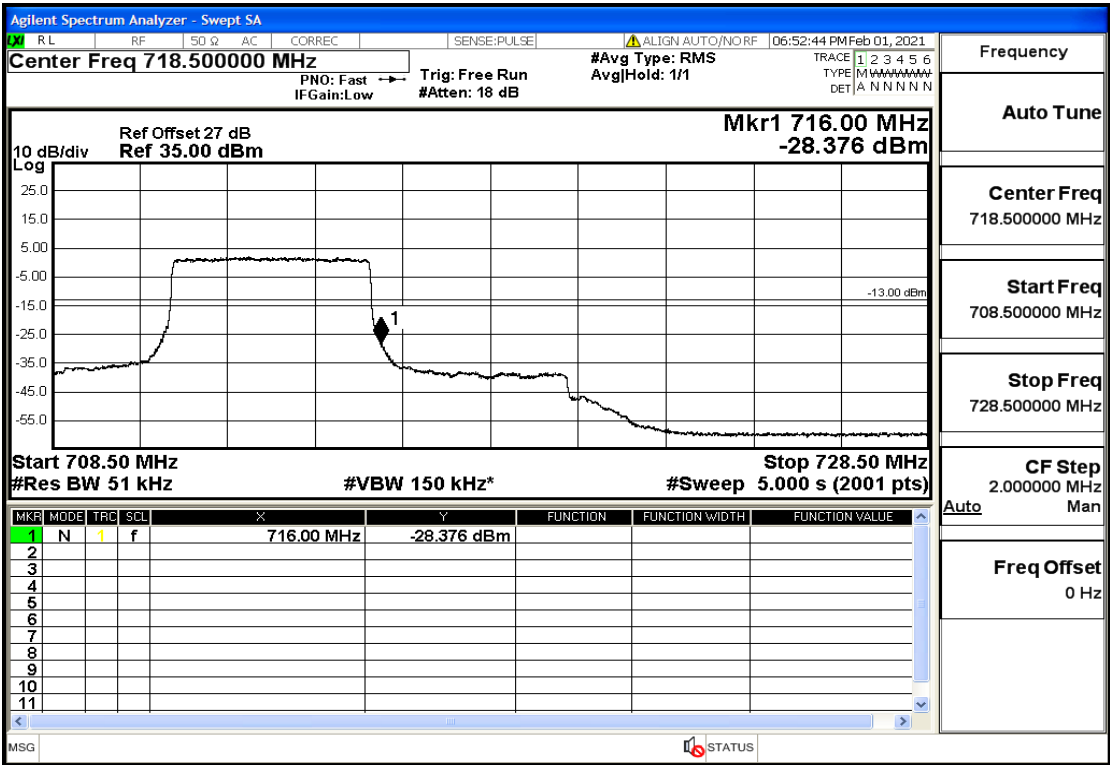
Start Freq 686.500000 MHz

Stop Freq 706.500000 MHz

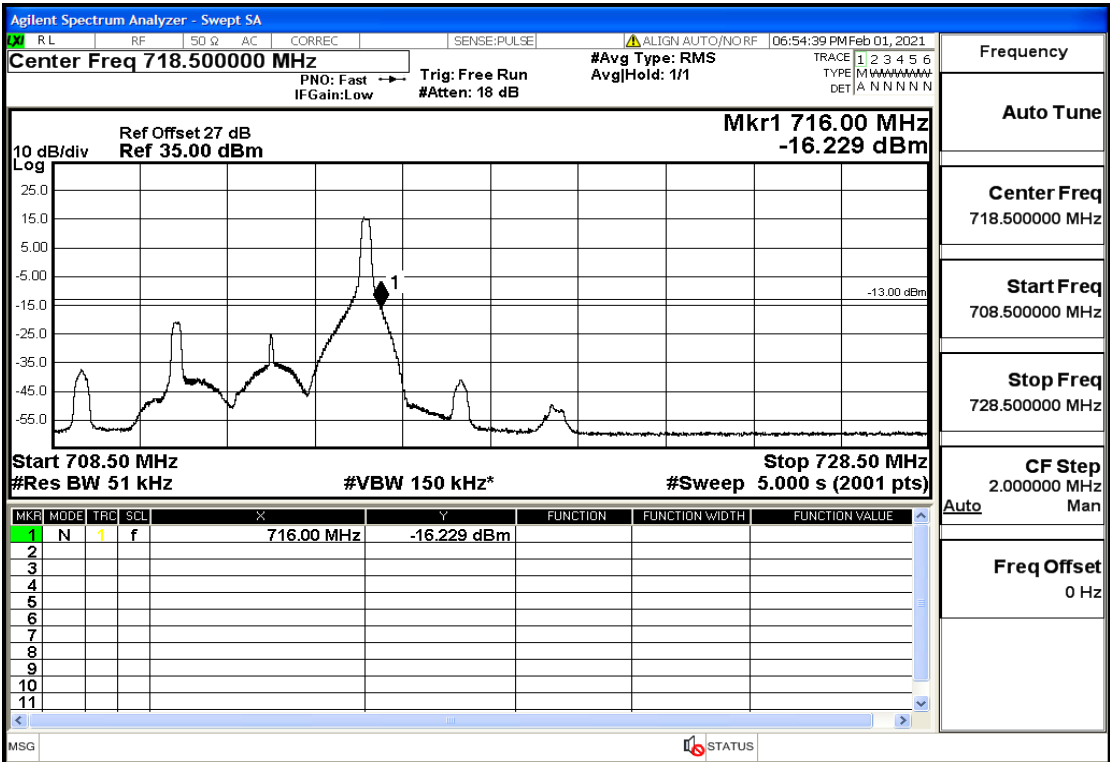
CF Step 2.000000 MHz Man

Freq Offset 0 Hz

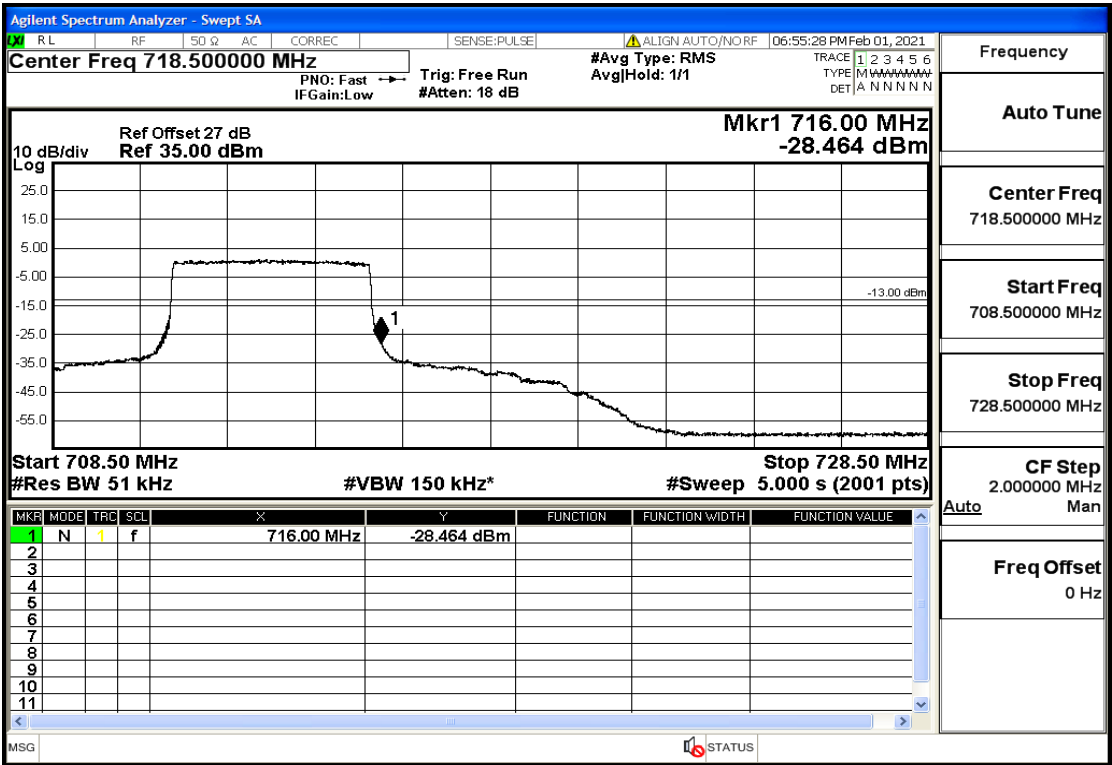
Band12-5-713.5-QPSK-25#LOW@Pass



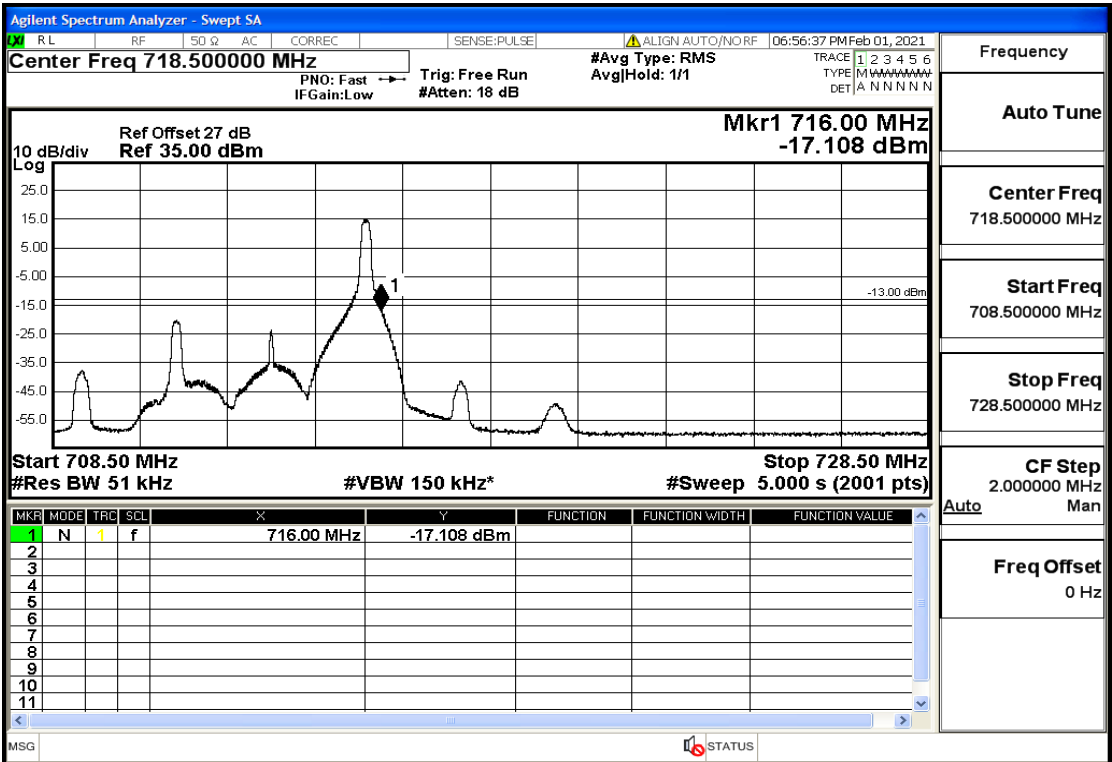
Band12-5-713.5-QPSK-1#HIGH@Pass



Band12-5-713.5-16QAM-25#LOW@Pass



Band12-5-713.5-16QAM-1#HIGH@Pass

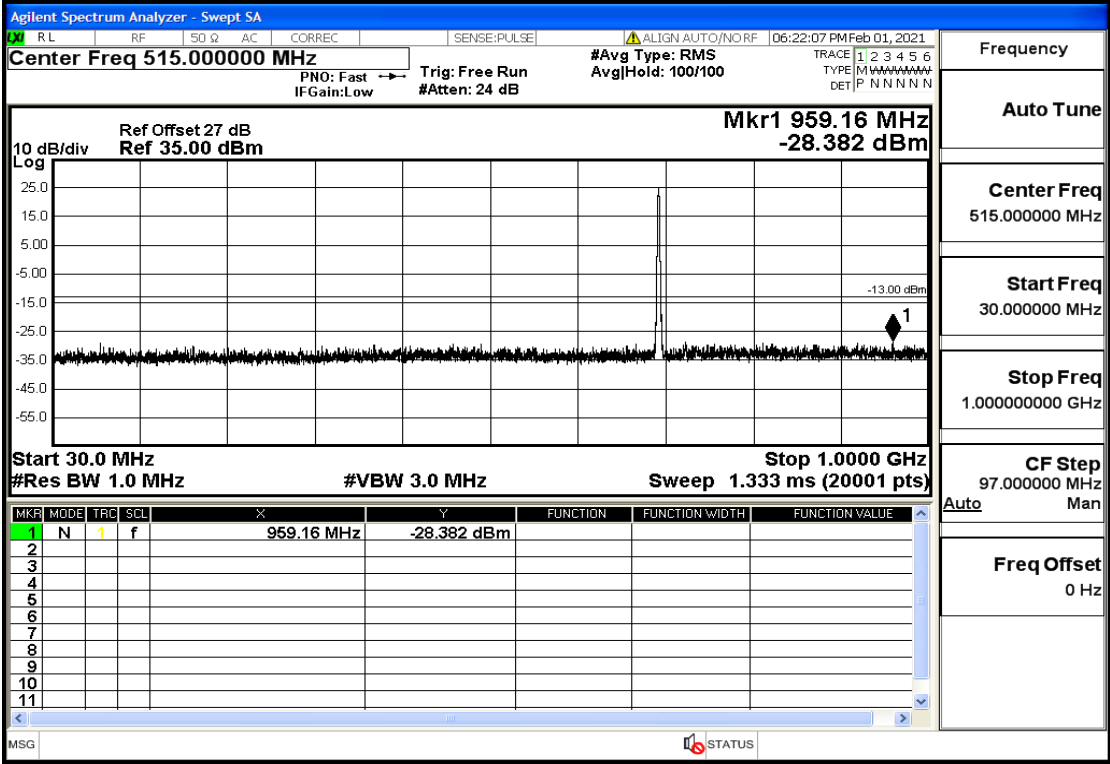


Conducted Spurious Emission

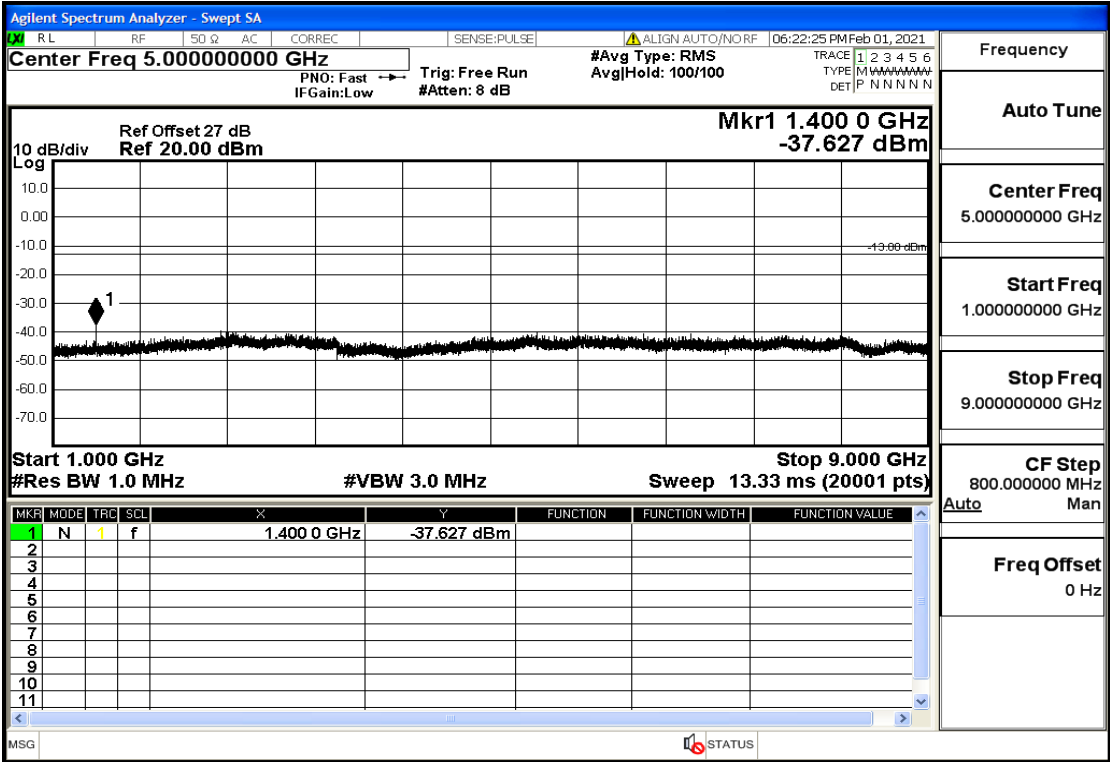
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB12	1.4	699.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	699.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	699.7	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	1.4	699.7	QPSK	1	LOW	1GHz-9GHz	Pass
OB12	1.4	699.7	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	1.4	699.7	QPSK	1	HIGH	1GHz-9GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	707.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	1.4	707.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB12	1.4	707.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	1.4	707.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB12	1.4	715.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	715.3	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	715.3	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	1.4	715.3	QPSK	1	LOW	1GHz-9GHz	Pass
OB12	1.4	715.3	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	1.4	715.3	QPSK	1	HIGH	1GHz-9GHz	Pass
OB12	3	700.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB12	3	700.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB12	3	700.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	3	700.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB12	3	700.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	3	700.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB12	3	707.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB12	3	707.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB12	3	707.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	3	707.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB12	3	707.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	3	707.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB12	3	714.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB12	3	714.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB12	3	714.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	3	714.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB12	3	714.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	3	714.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB12	5	701.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB12	5	701.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB12	5	701.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	5	701.5	QPSK	1	LOW	1GHz-9GHz	Pass

OB12	5	701.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	5	701.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB12	5	707.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB12	5	707.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB12	5	707.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	5	707.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB12	5	707.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	5	707.5	QPSK	1	HIGH	1GHz-9GHz	Pass
OB12	5	713.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB12	5	713.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB12	5	713.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB12	5	713.5	QPSK	1	LOW	1GHz-9GHz	Pass
OB12	5	713.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB12	5	713.5	QPSK	1	HIGH	1GHz-9GHz	Pass

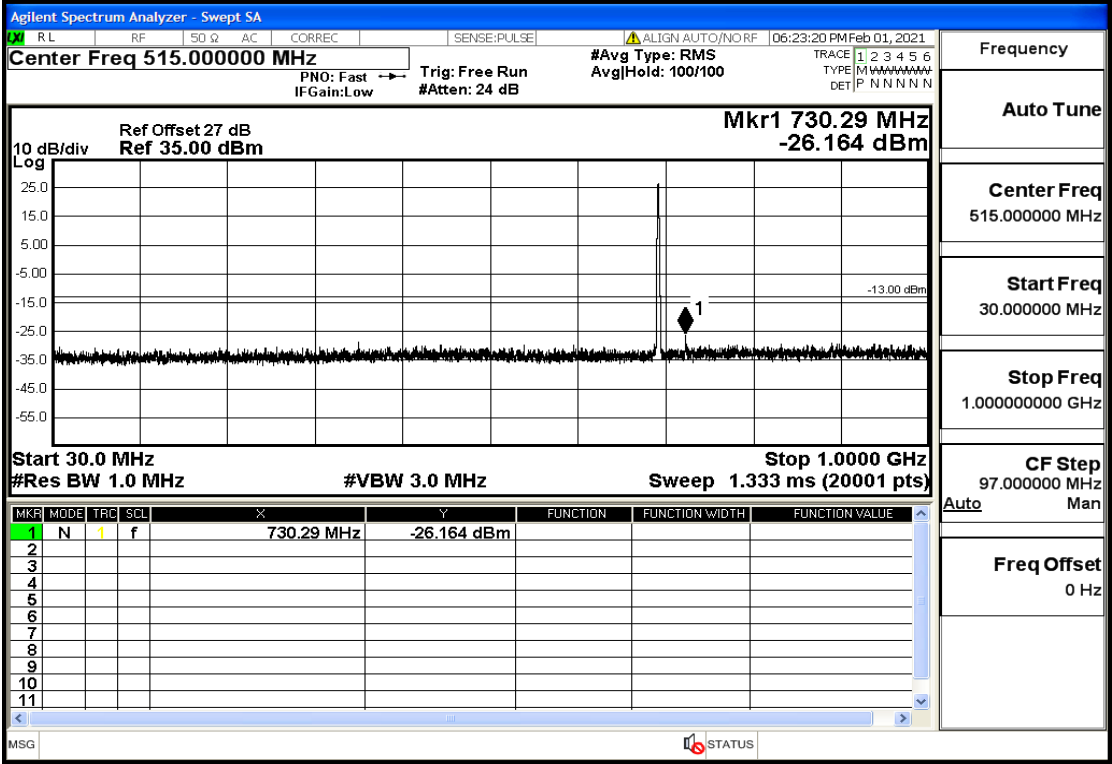
OB12-1.4-699.7-QPSK-6#LOW@30mHz-1GHz@Pass



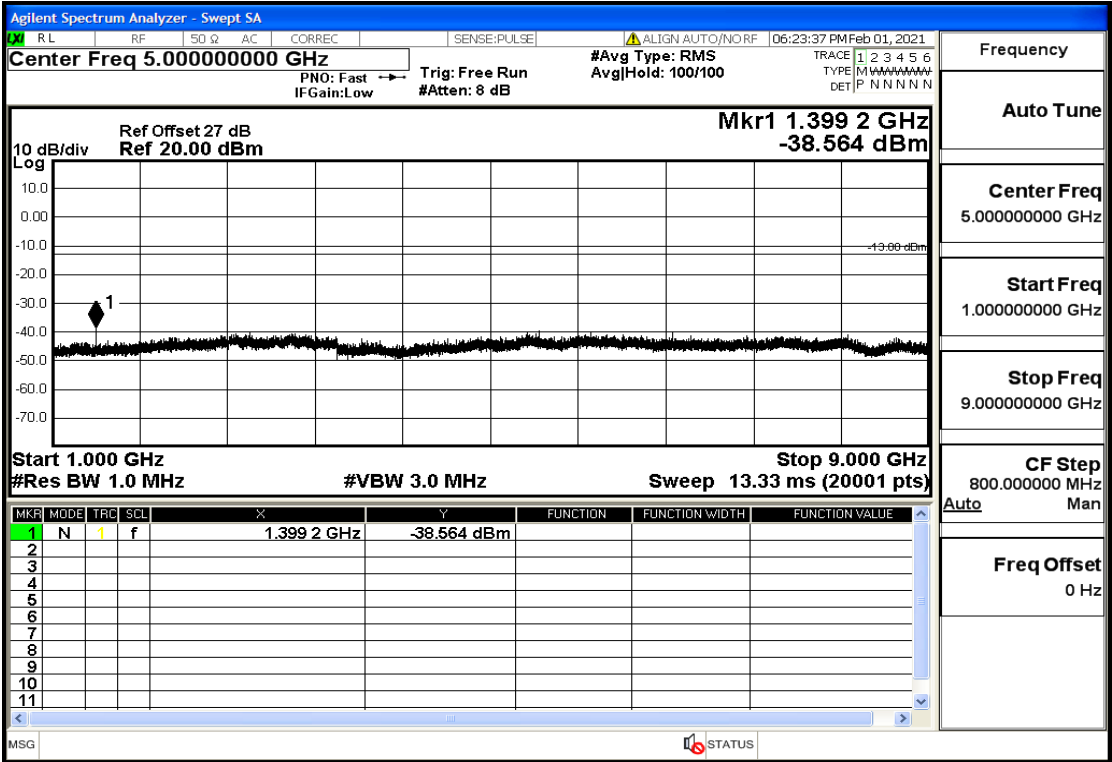
OB12-1.4-699.7-QPSK-6#LOW@1GHz-9GHz@Pass



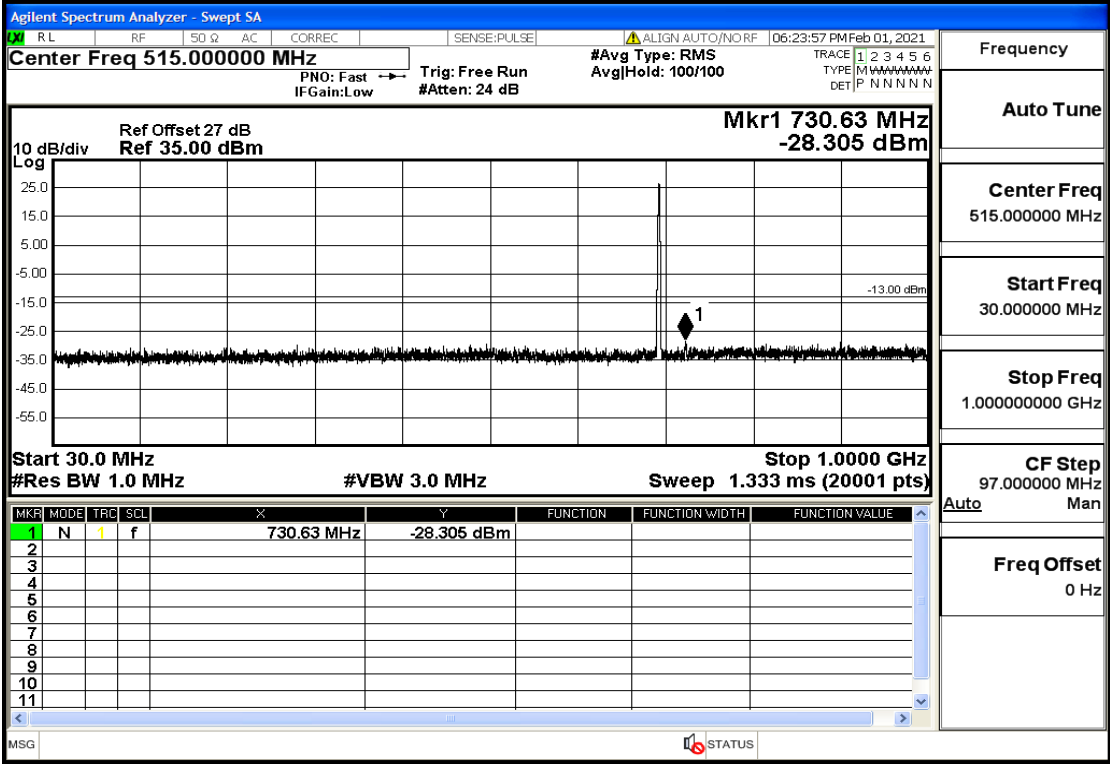
OB12-1.4-699.7-QPSK-1#LOW@30mHz-1GHz@Pass



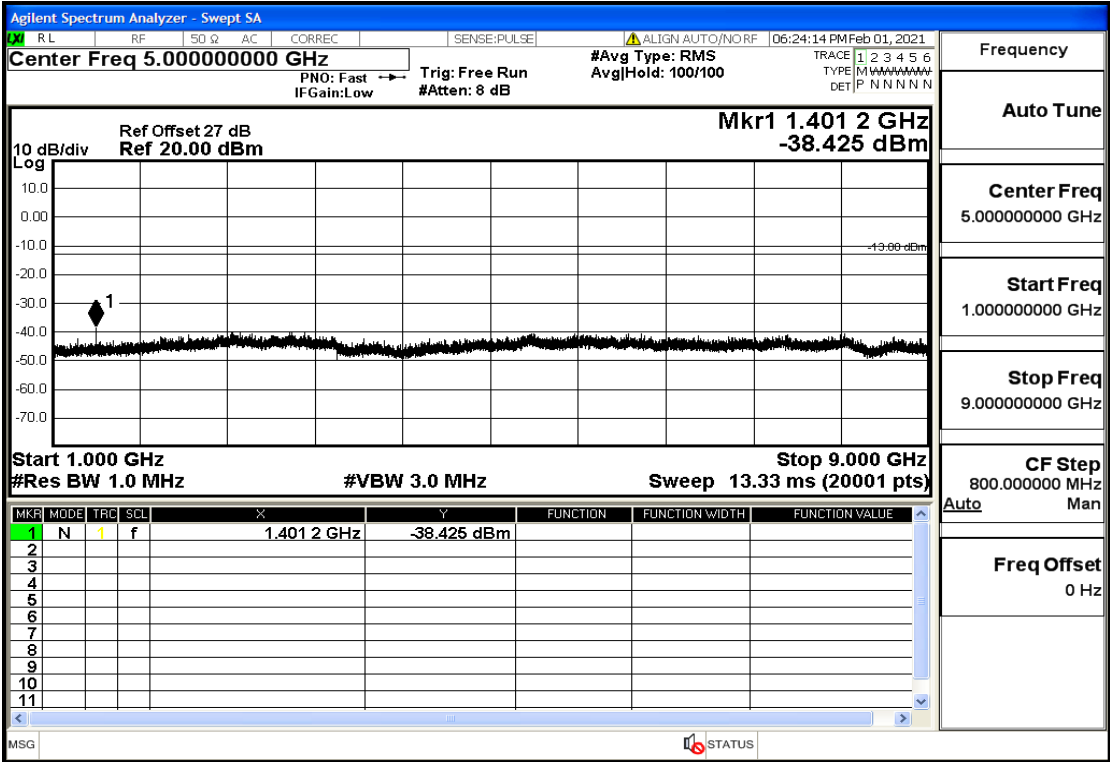
OB12-1.4-699.7-QPSK-1#LOW@1GHz-9GHz@Pass



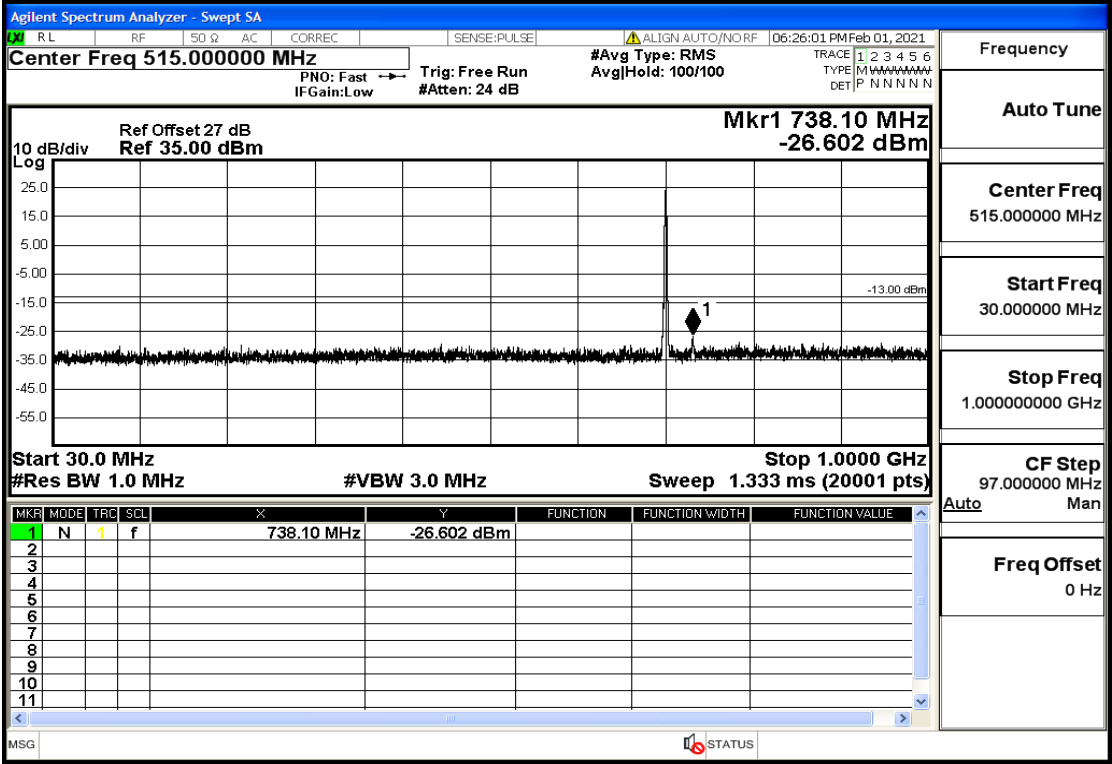
OB12-1.4-699.7-QPSK-1#HIGH@30mHz-1GHz@Pass



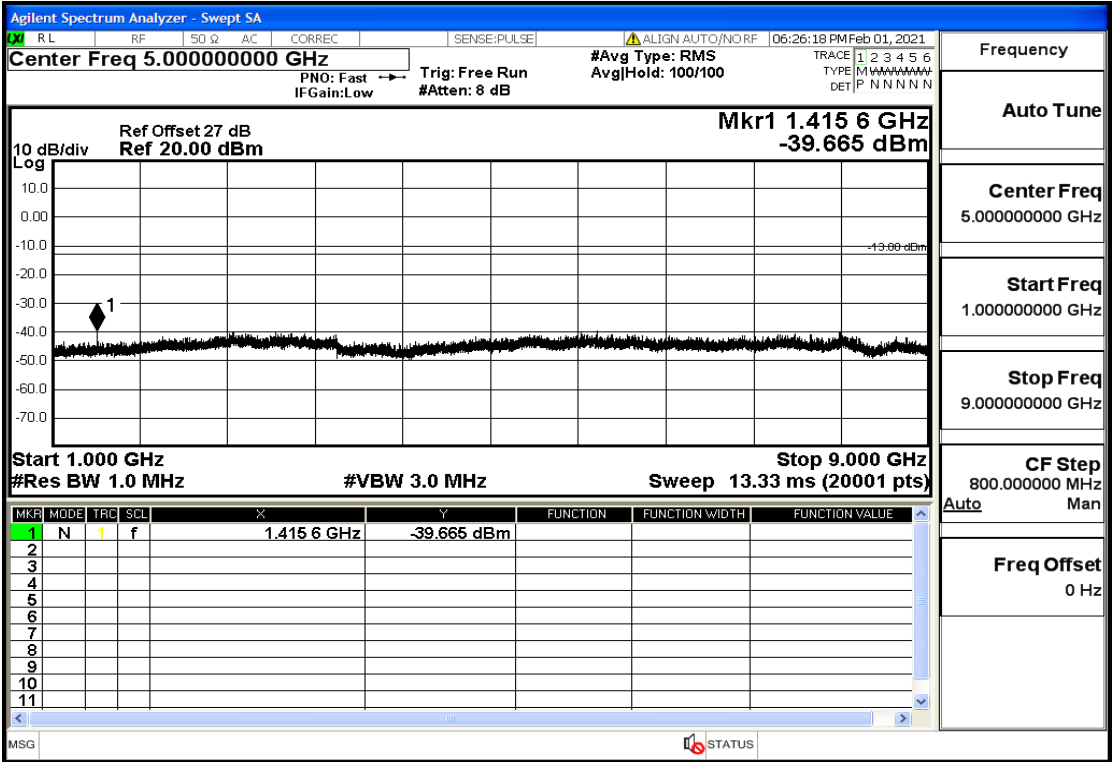
OB12-1.4-699.7-QPSK-1#HIGH@1GHz-9GHz@Pass



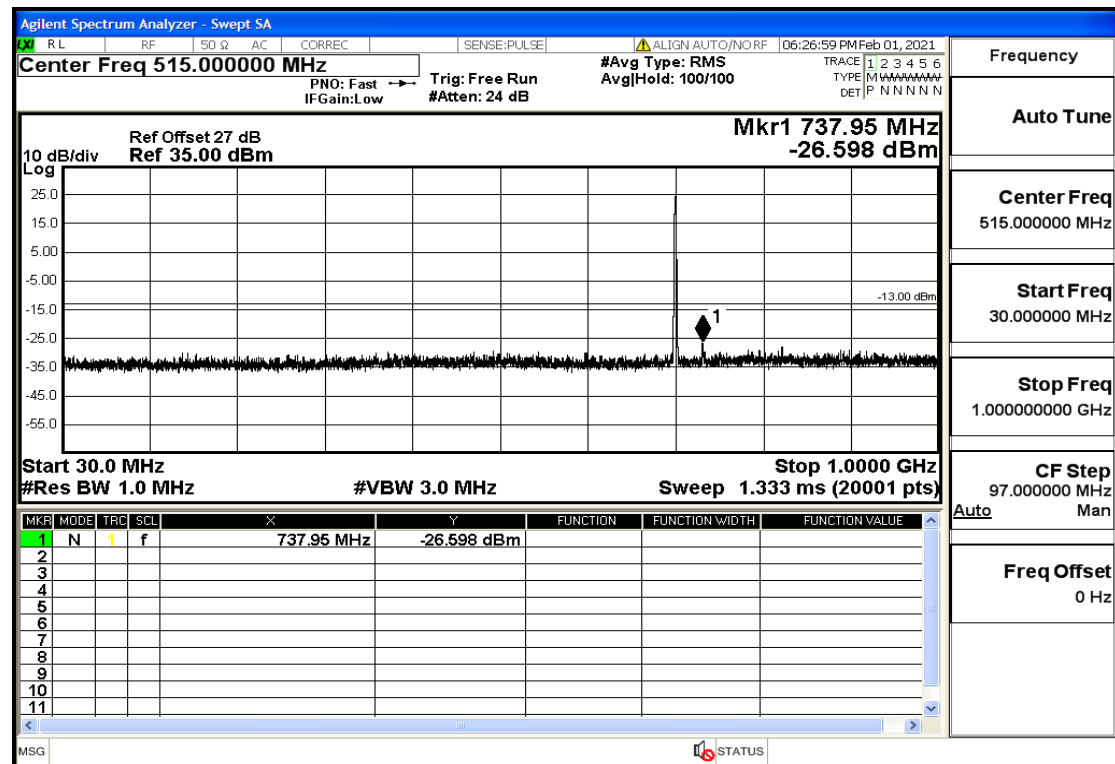
OB12-1.4-707.5-QPSK-6#LOW@30mHz-1GHz@Pass



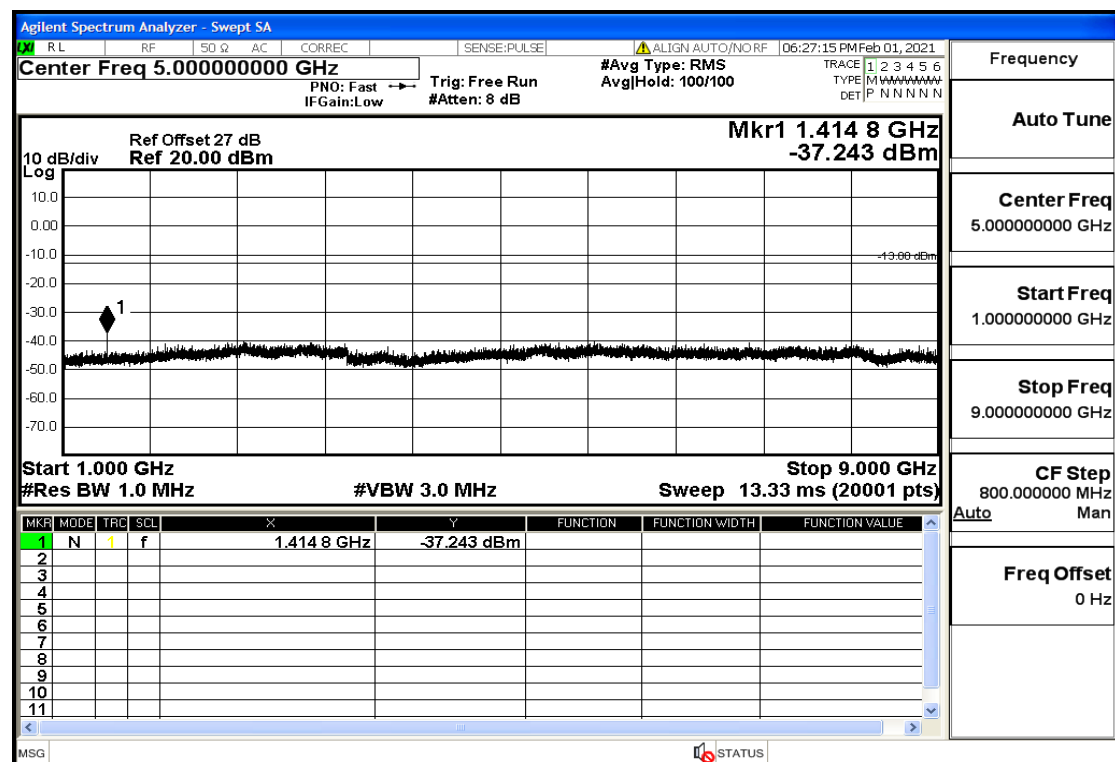
OB12-1.4-707.5-QPSK-6#LOW@1GHz-9GHz@Pass



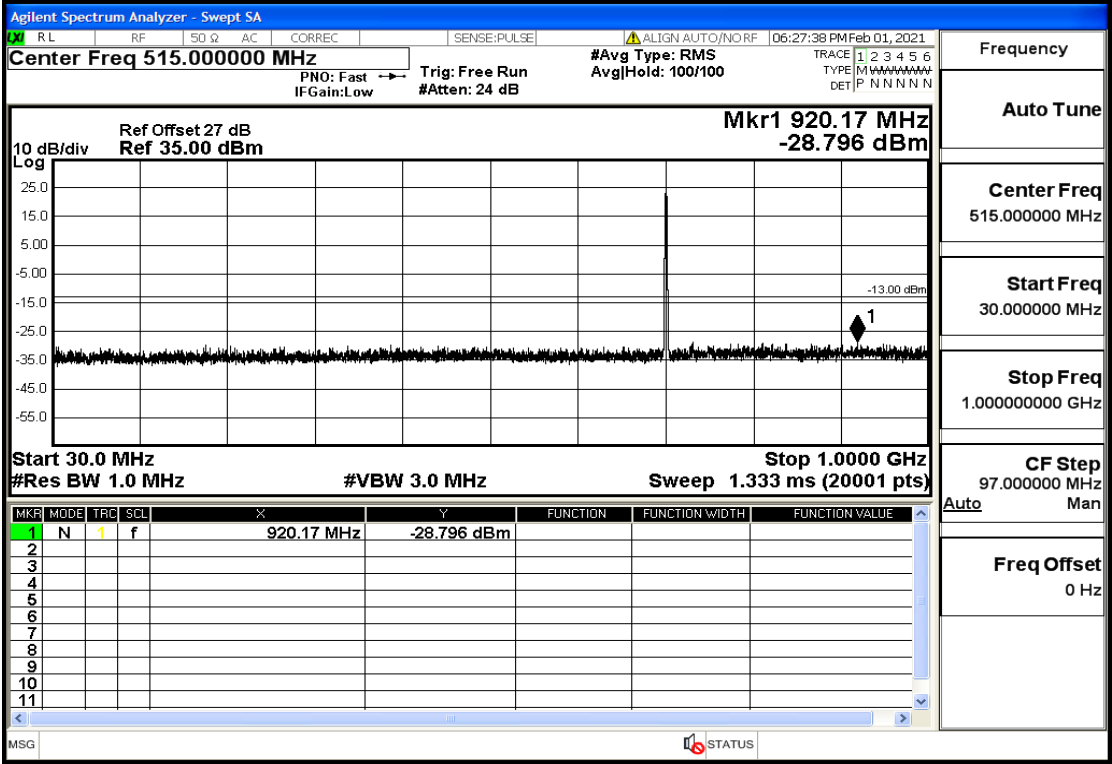
OB12-1.4-707.5-QPSK-1#LOW@30MHz-1GHz@Pass



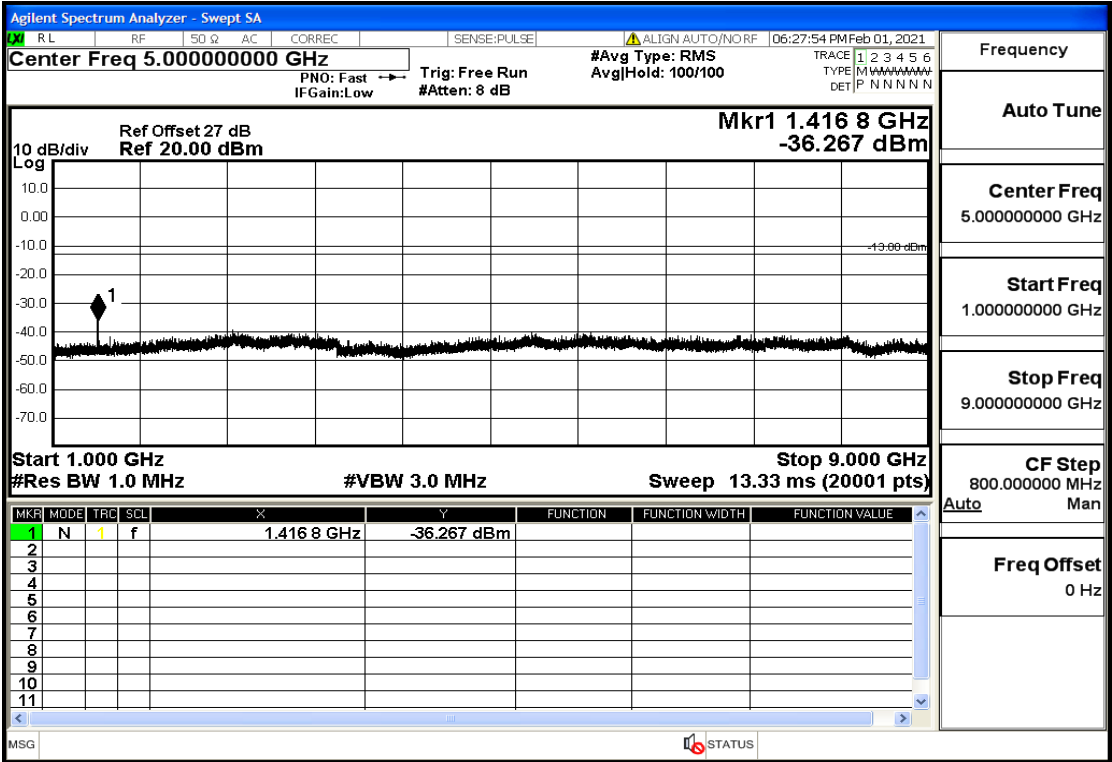
OB12-1.4-707.5-QPSK-1#LOW@1GHz-9GHz@Pass



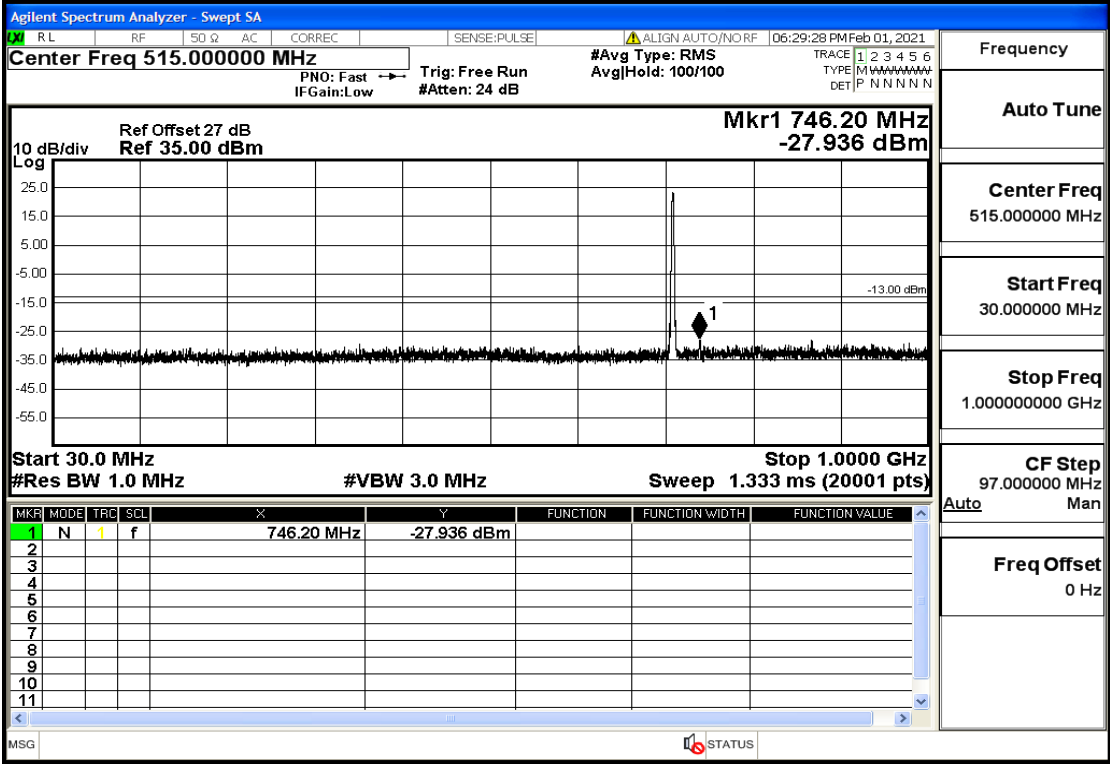
OB12-1.4-707.5-QPSK-1#HIGH@30mHz-1GHz@Pass



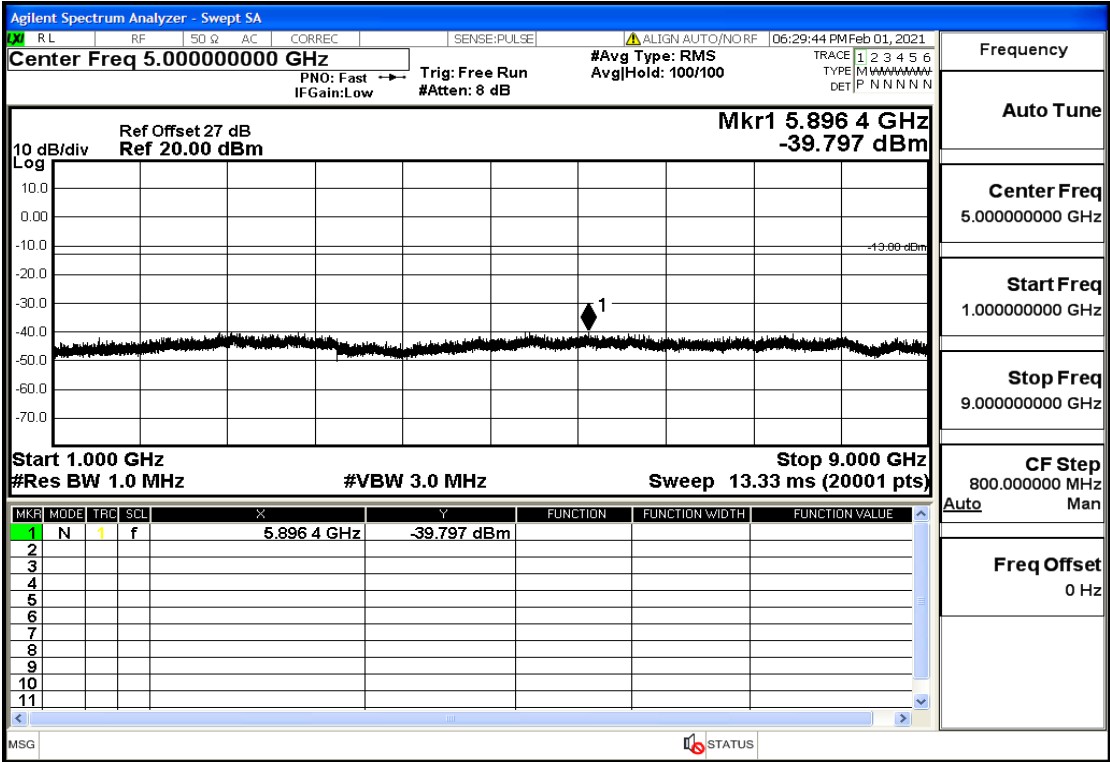
OB12-1.4-707.5-QPSK-1#HIGH@1GHz-9GHz@Pass



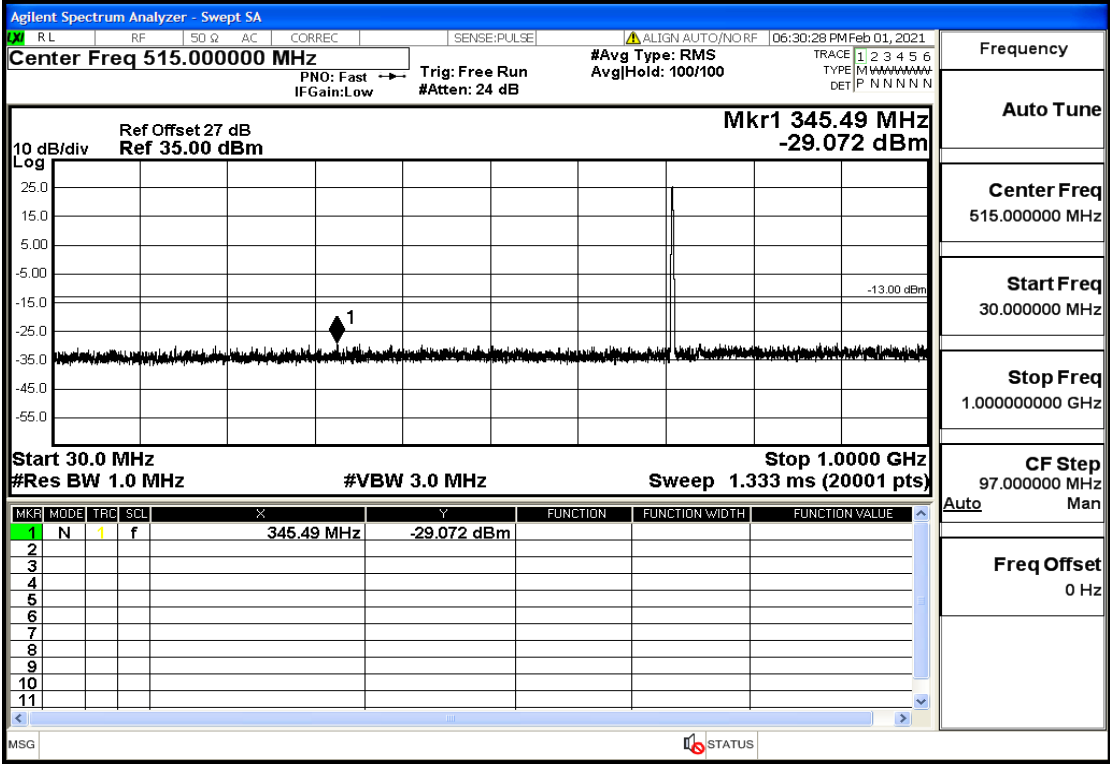
OB12-1.4-715.3-QPSK-6#LOW@30mHz-1GHz@Pass



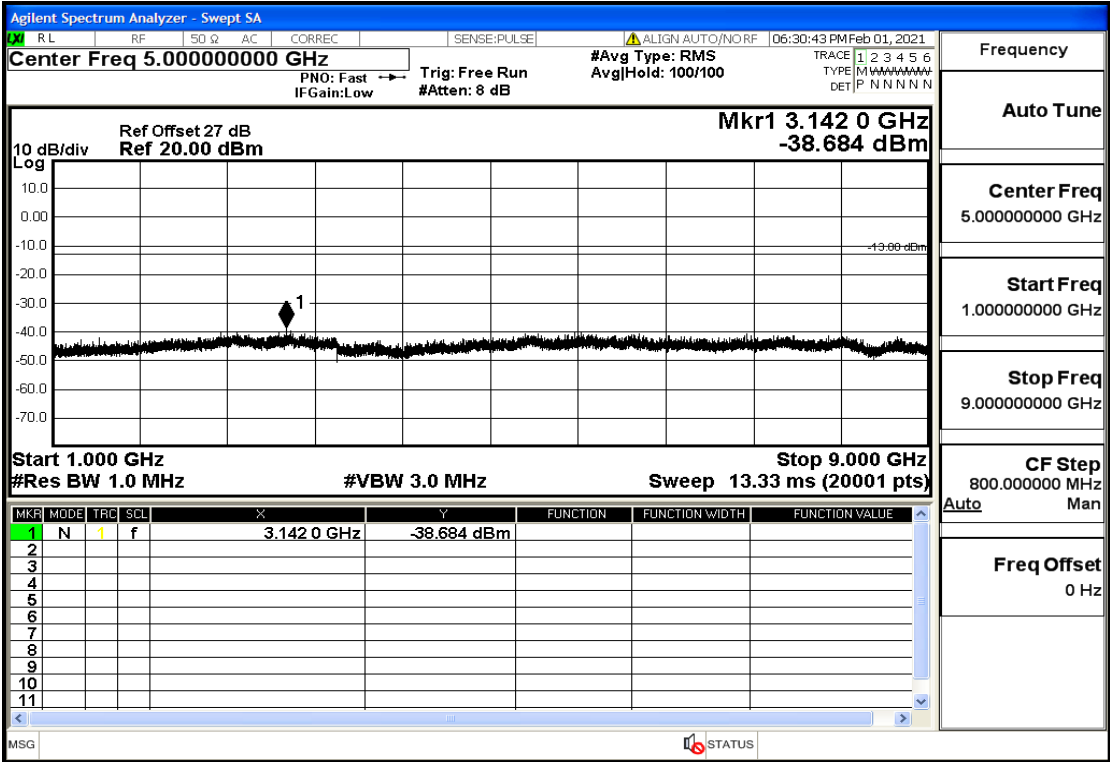
OB12-1.4-715.3-QPSK-6#LOW@1GHz-9GHz@Pass



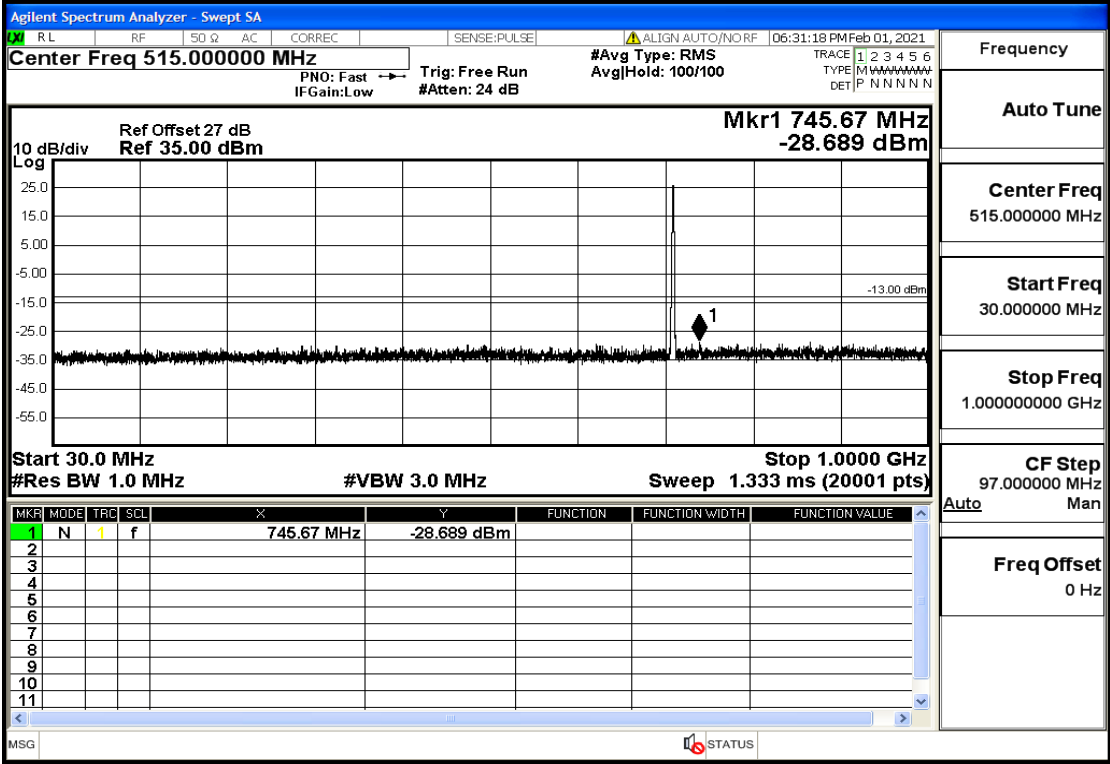
OB12-1.4-715.3-QPSK-1#LOW@30mHz-1GHz@Pass



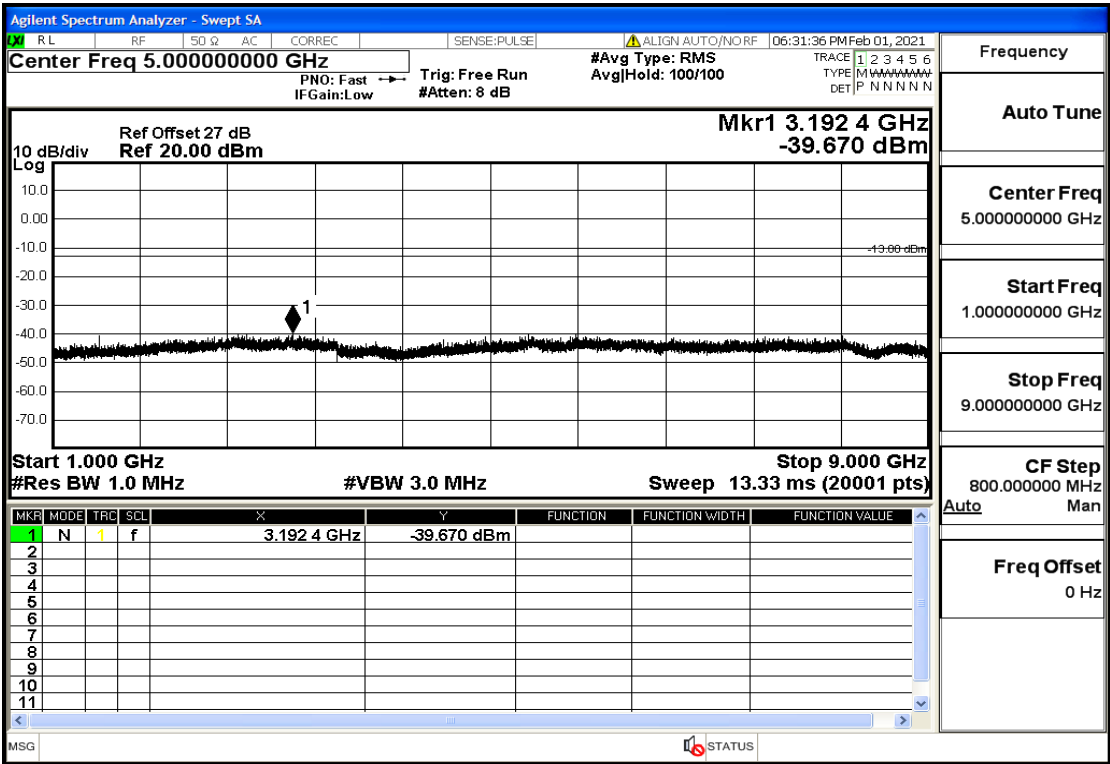
OB12-1.4-715.3-QPSK-1#LOW@1GHz-9GHz@Pass



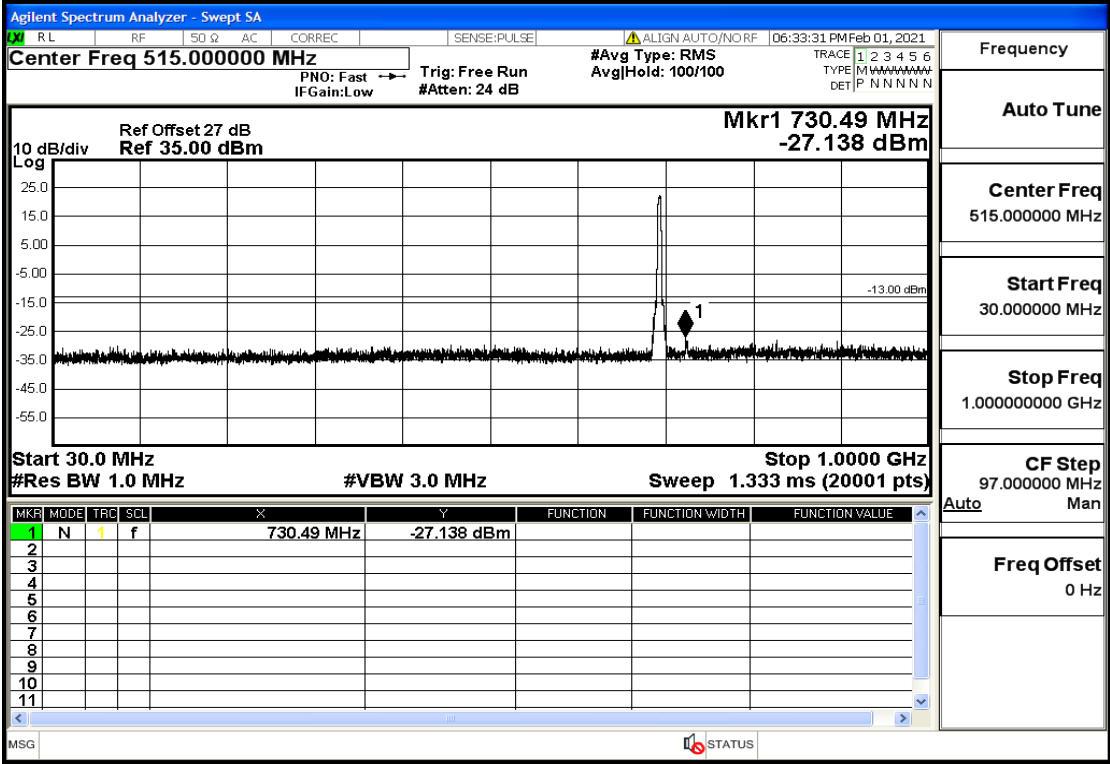
OB12-1.4-715.3-QPSK-1#HIGH@30mHz-1GHz@Pass



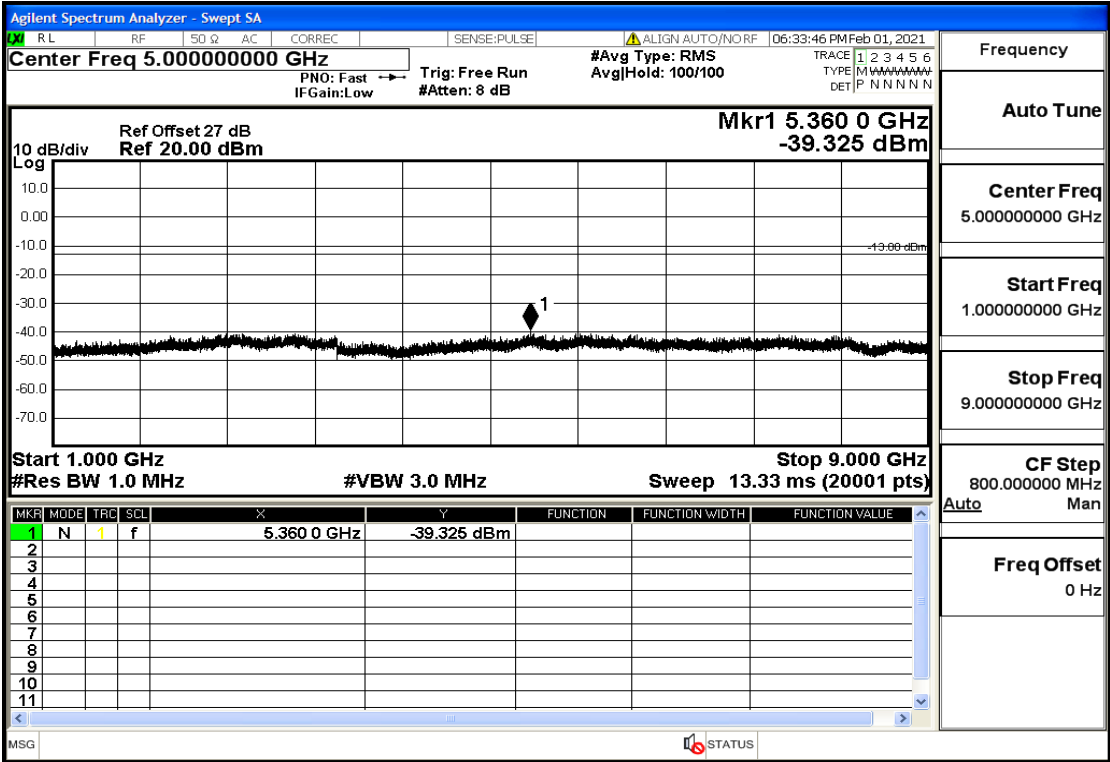
OB12-1.4-715.3-QPSK-1#HIGH@1GHz-9GHz@Pass



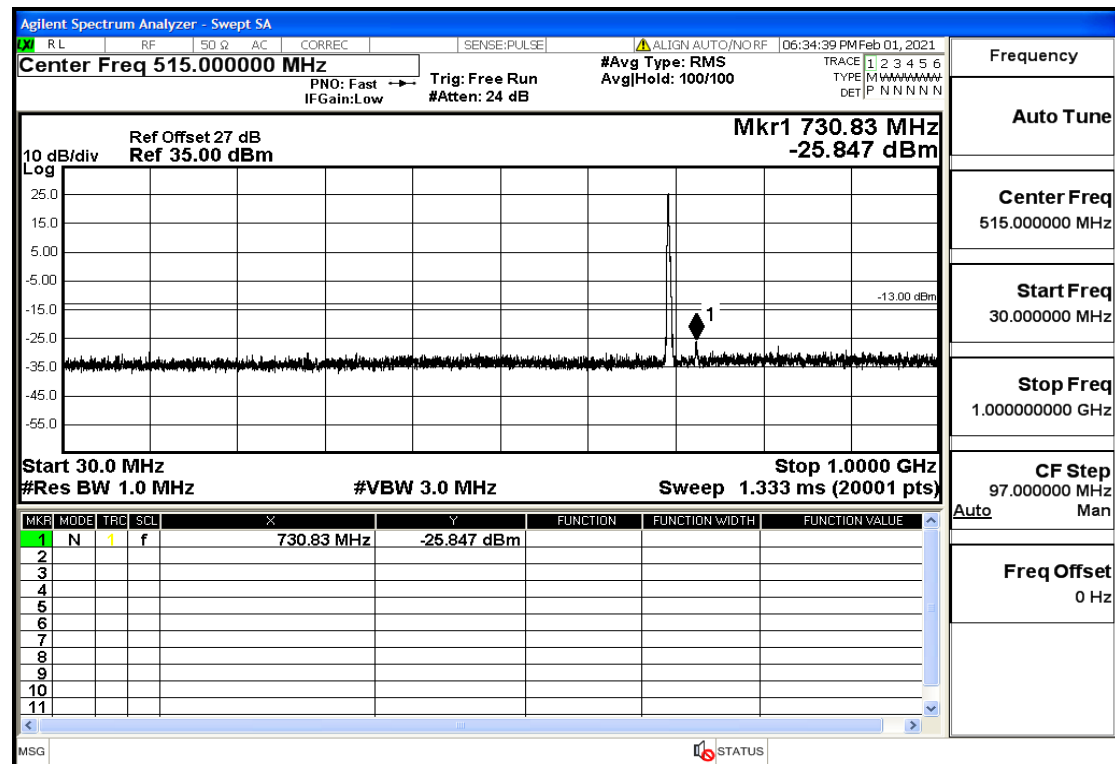
OB12-3-700.5-QPSK-15#LOW@30mHz-1GHz@Pass



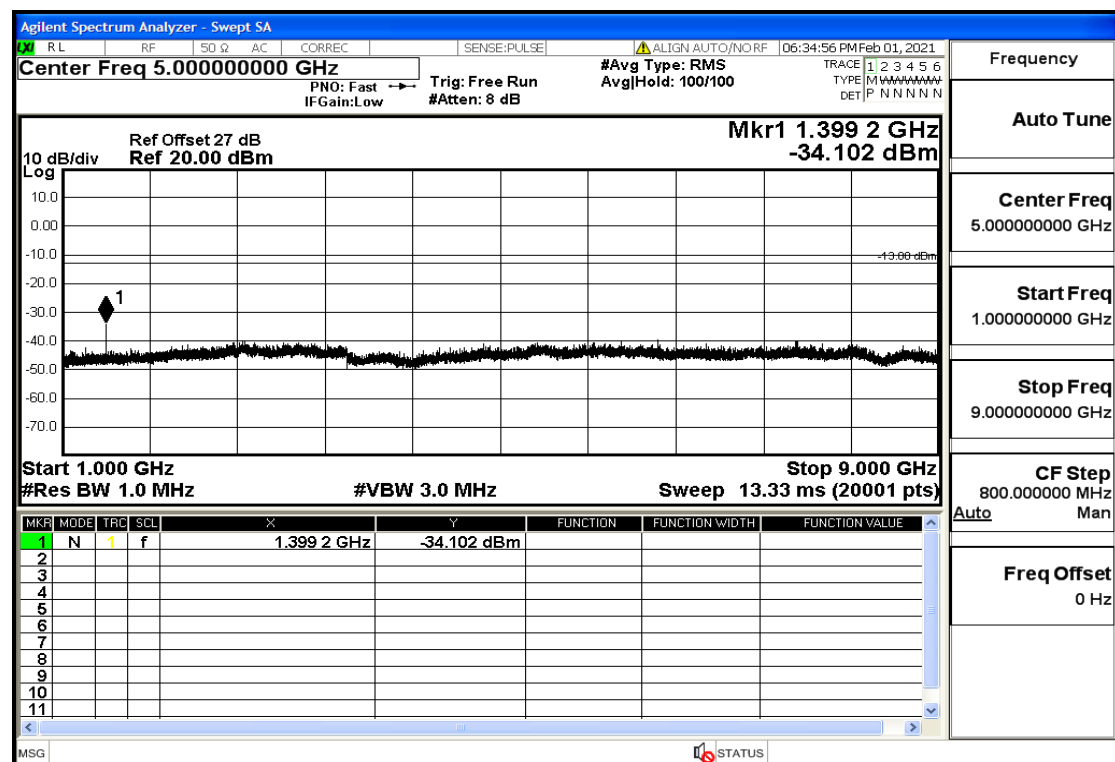
OB12-3-700.5-QPSK-15#LOW@1GHz-9GHz@Pass



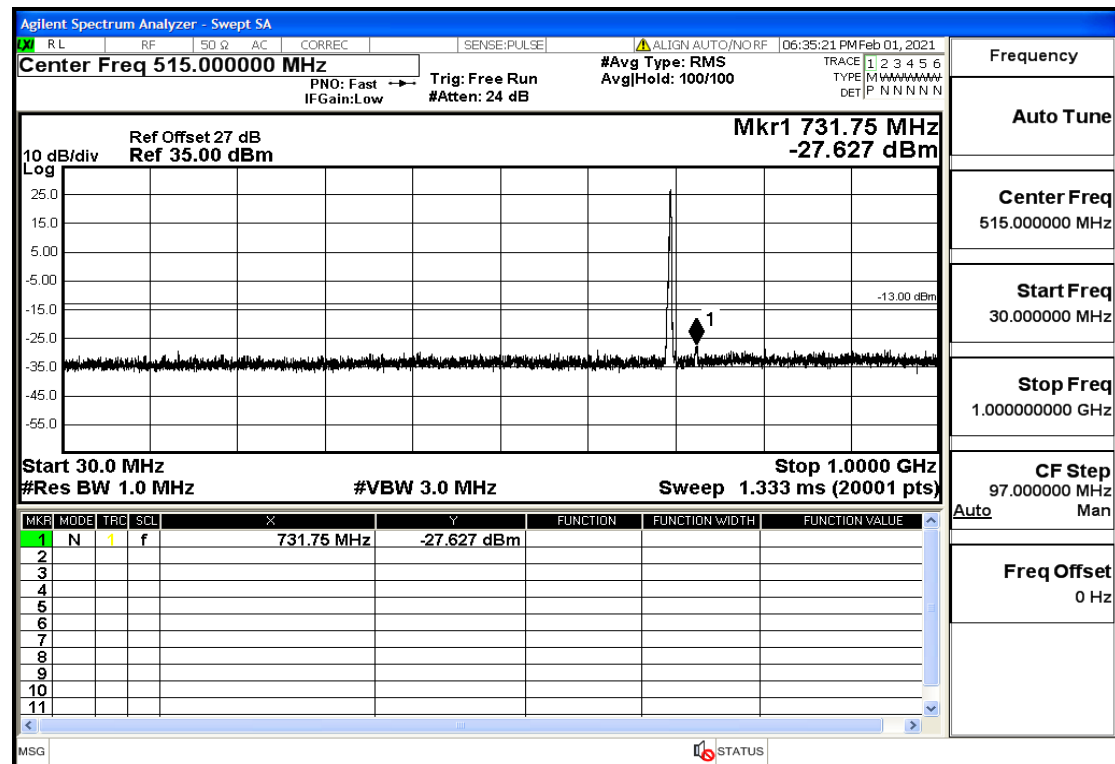
OB12-3-700.5-QPSK-1#LOW@30mHz-1GHz@Pass



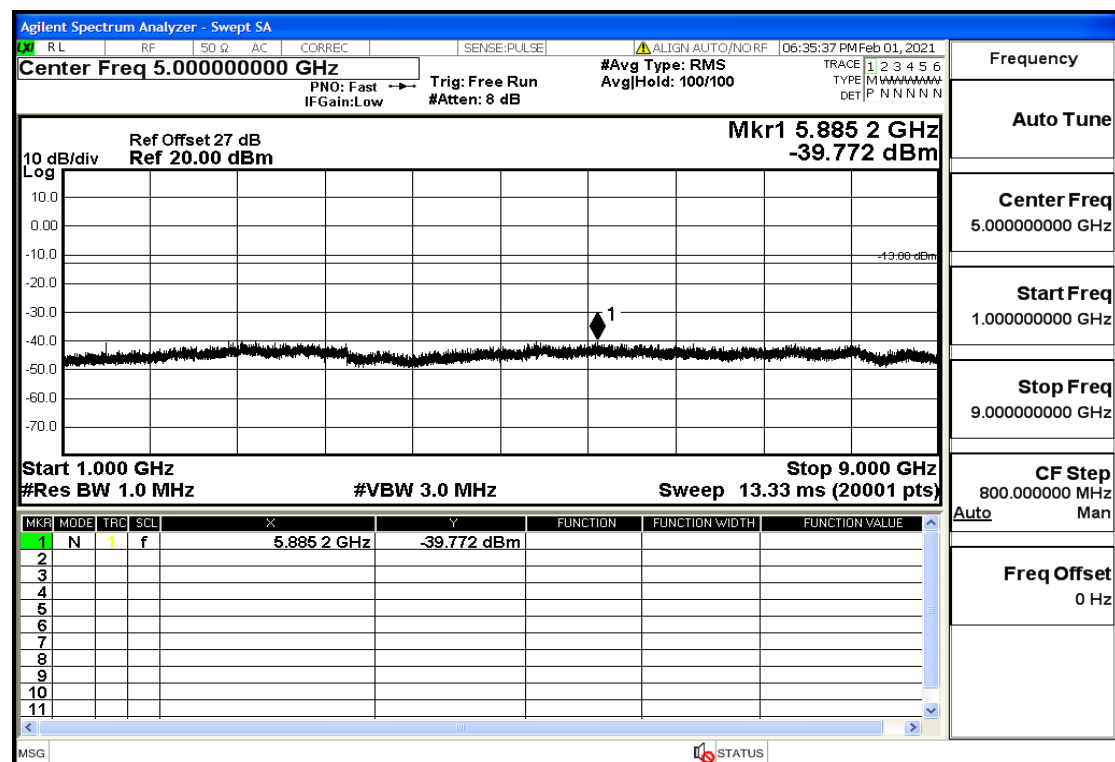
OB12-3-700.5-QPSK-1#LOW@1GHz-9GHz@Pass



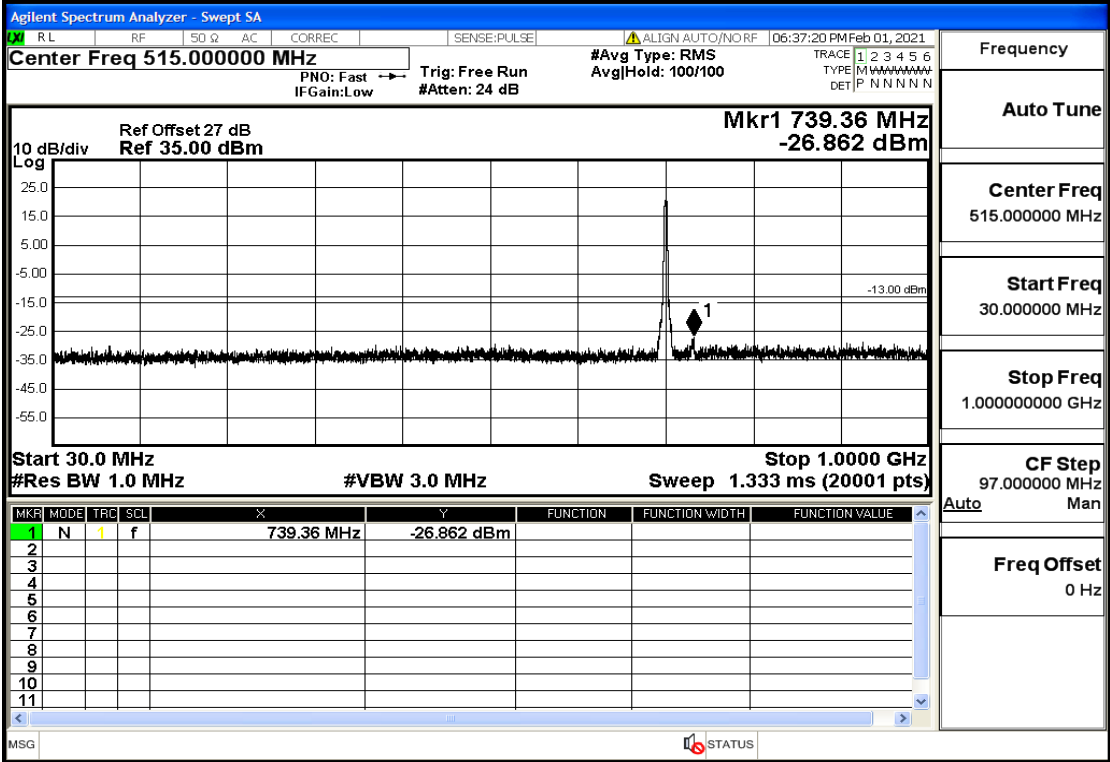
OB12-3-700.5-QPSK-1#HIGH@30mHz-1GHz@Pass



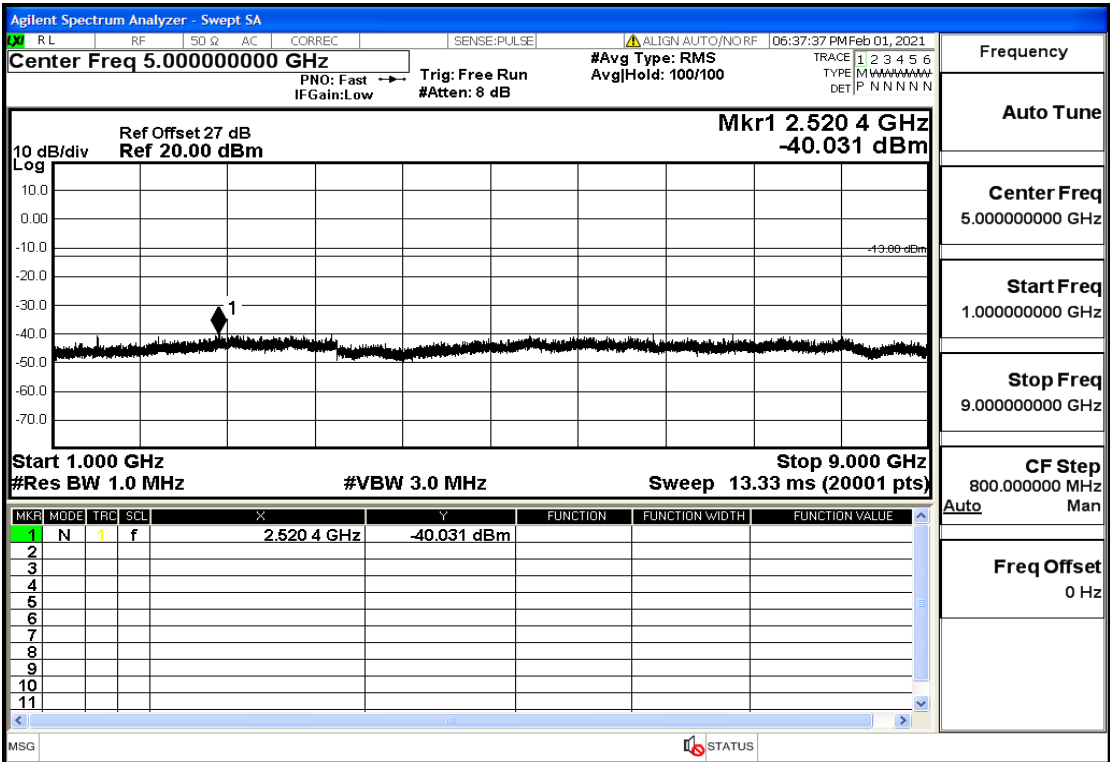
OB12-3-700.5-QPSK-1#HIGH@1GHz-9GHz@Pass



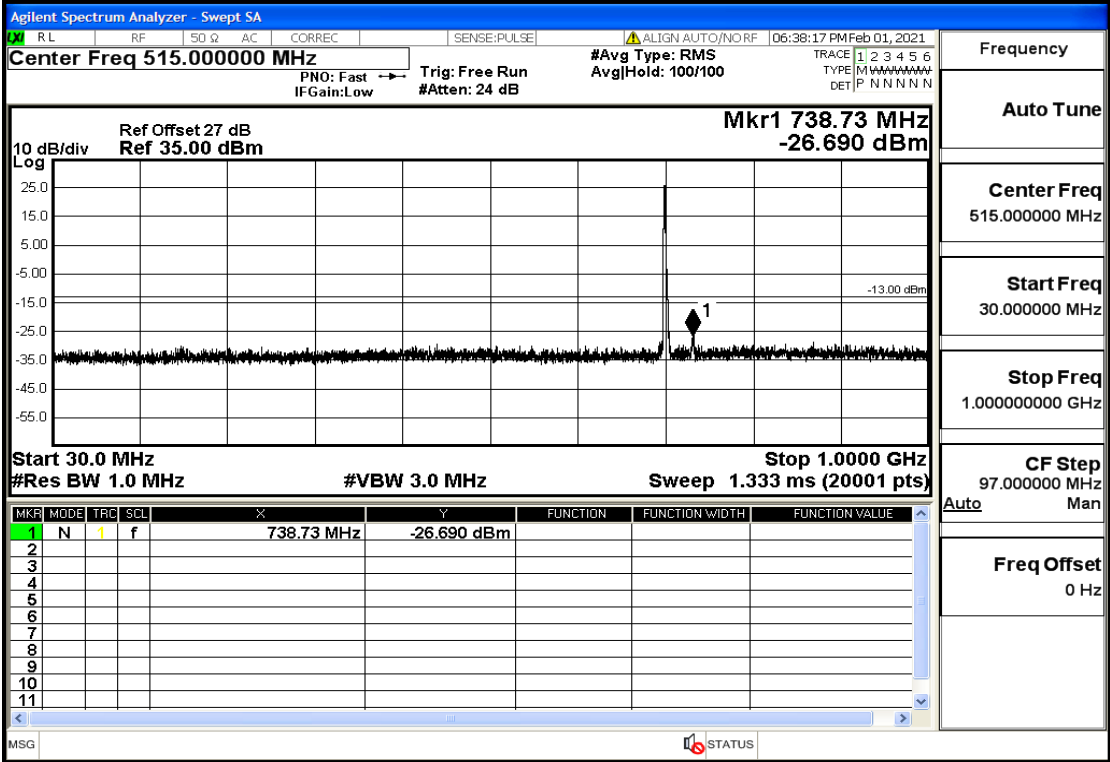
OB12-3-707.5-QPSK-15#LOW@30mHz-1GHz@Pass



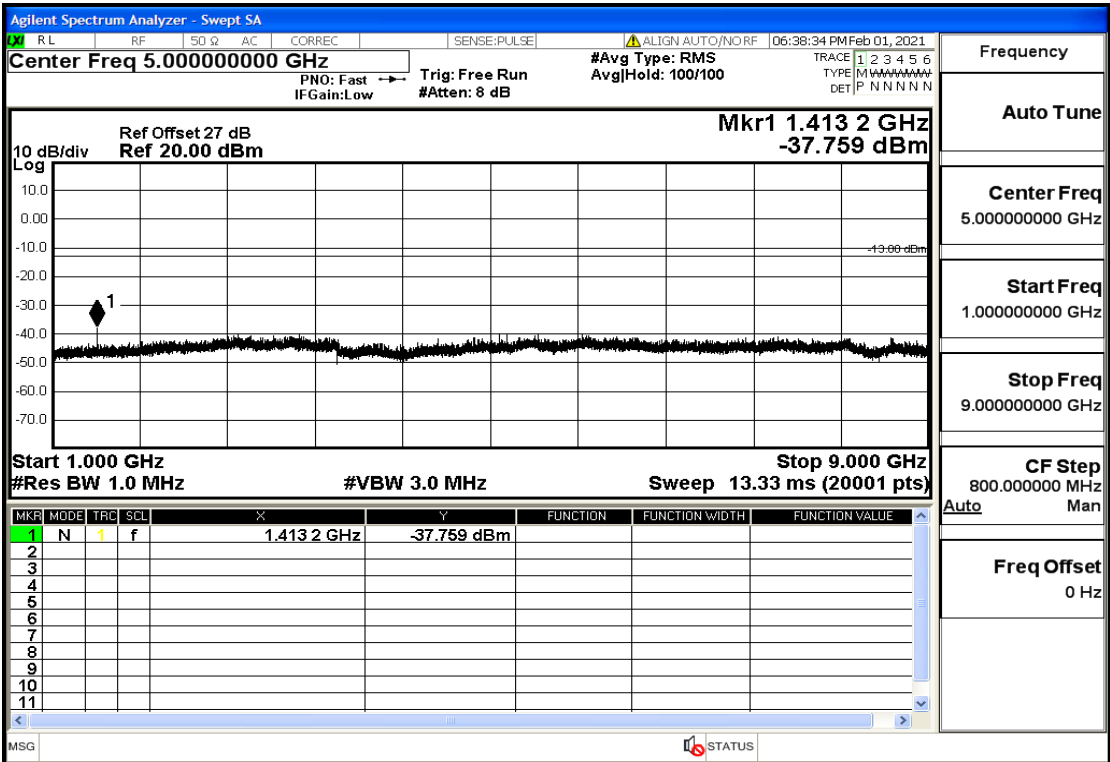
OB12-3-707.5-QPSK-15#LOW@1GHz-9GHz@Pass



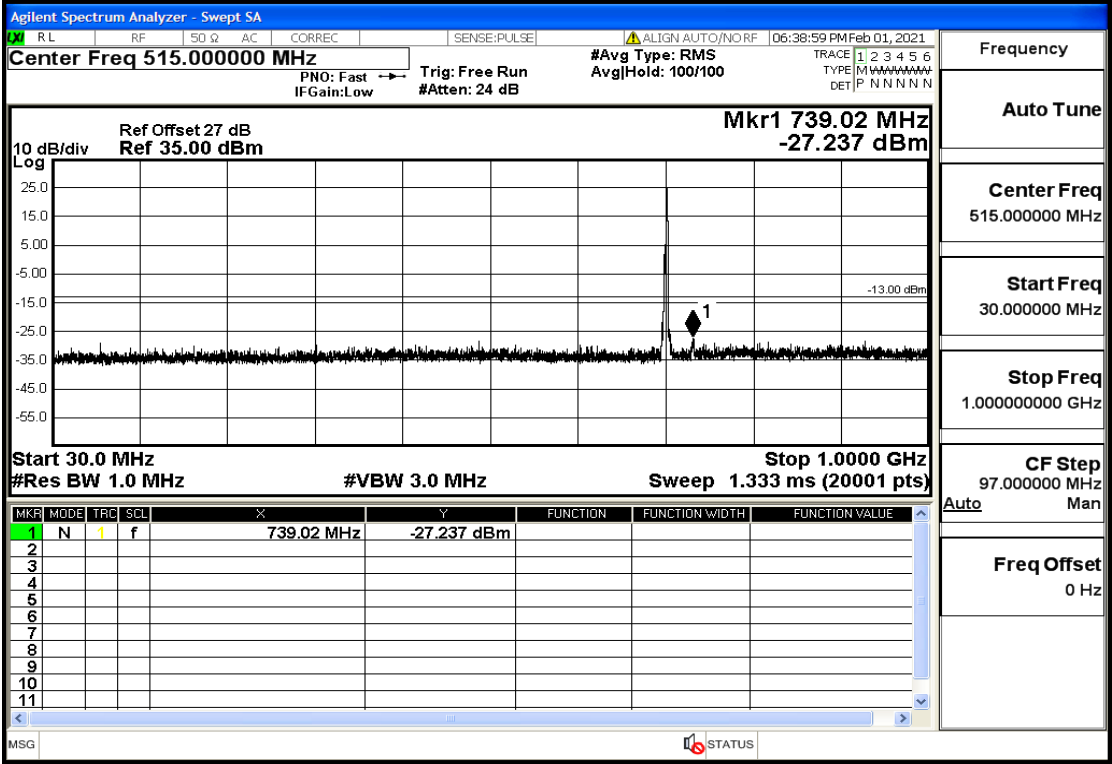
OB12-3-707.5-QPSK-1#LOW@30mHz-1GHz@Pass



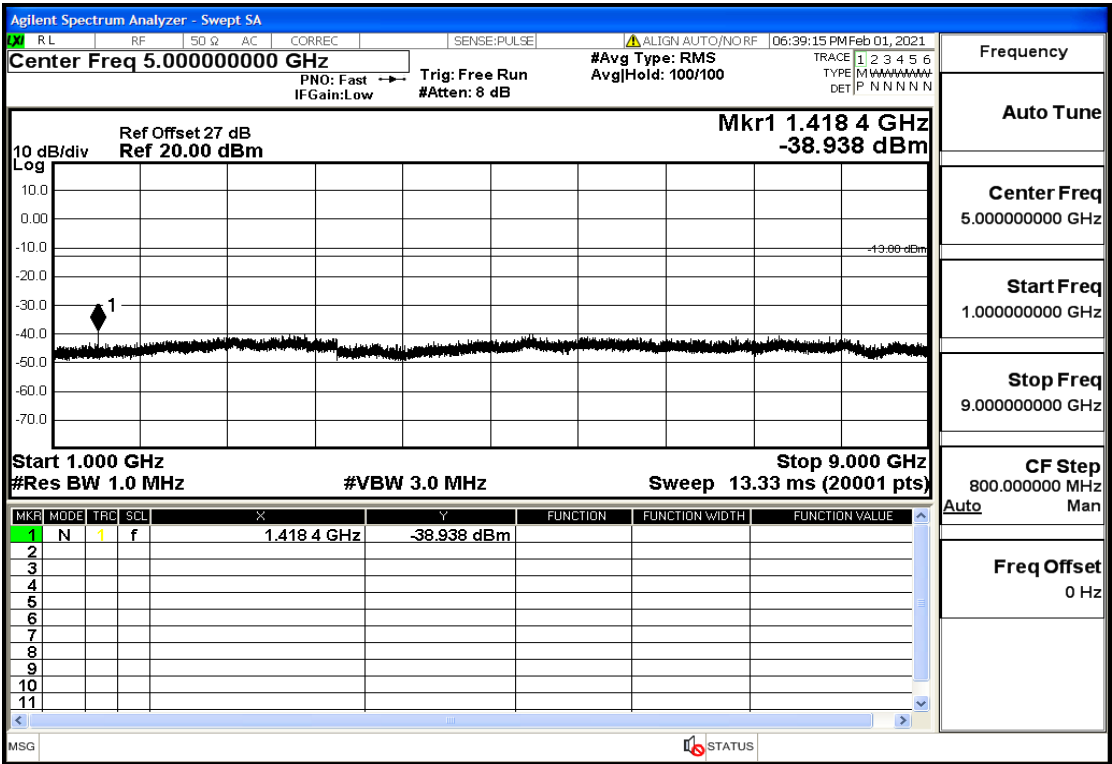
OB12-3-707.5-QPSK-1#LOW@1GHz-9GHz@Pass



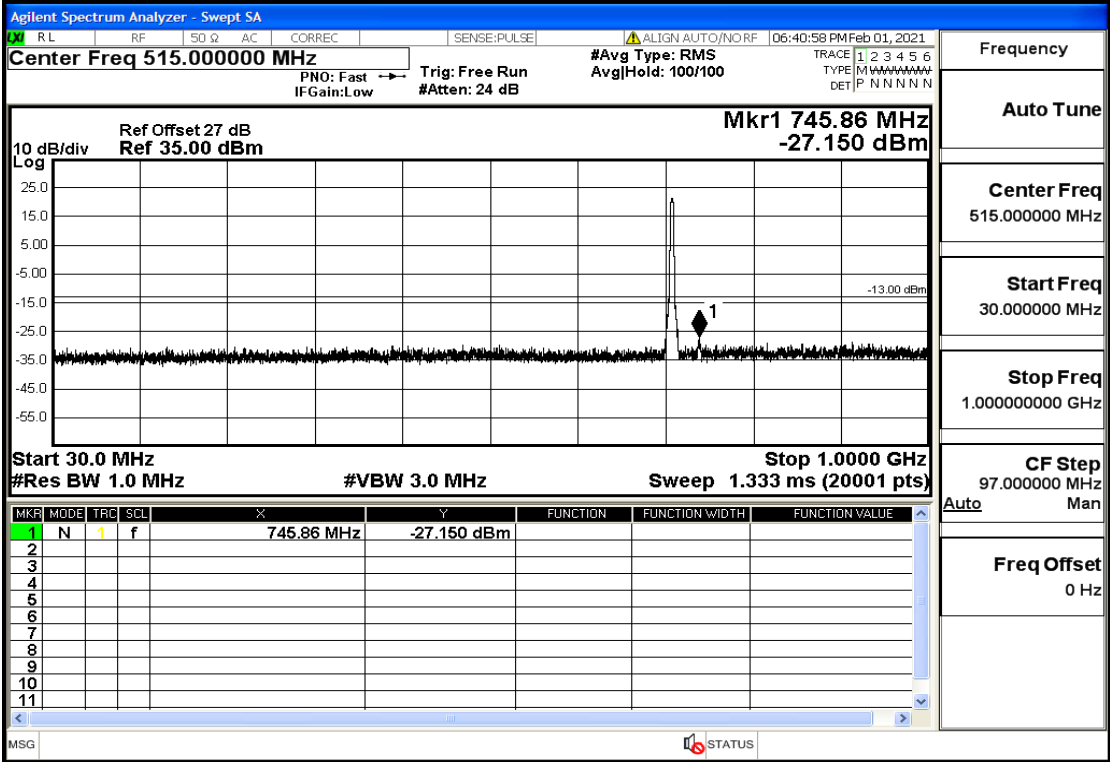
OB12-3-707.5-QPSK-1#HIGH@30mHz-1GHz@Pass



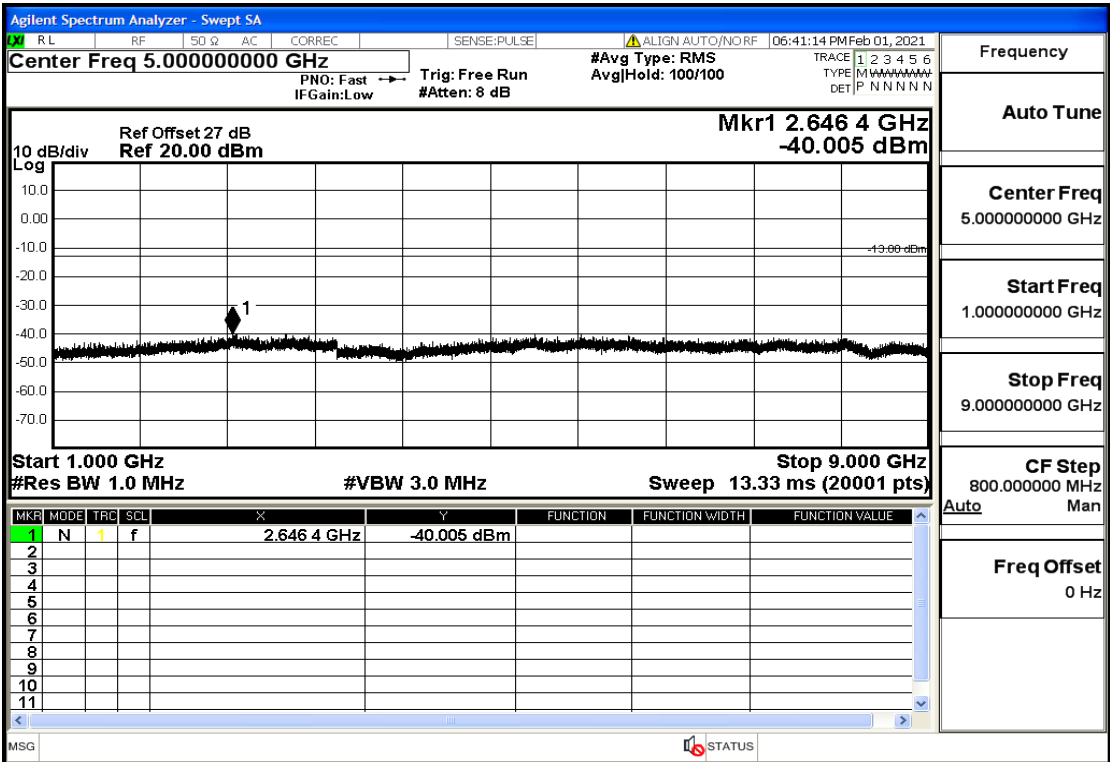
OB12-3-707.5-QPSK-1#HIGH@1GHz-9GHz@Pass



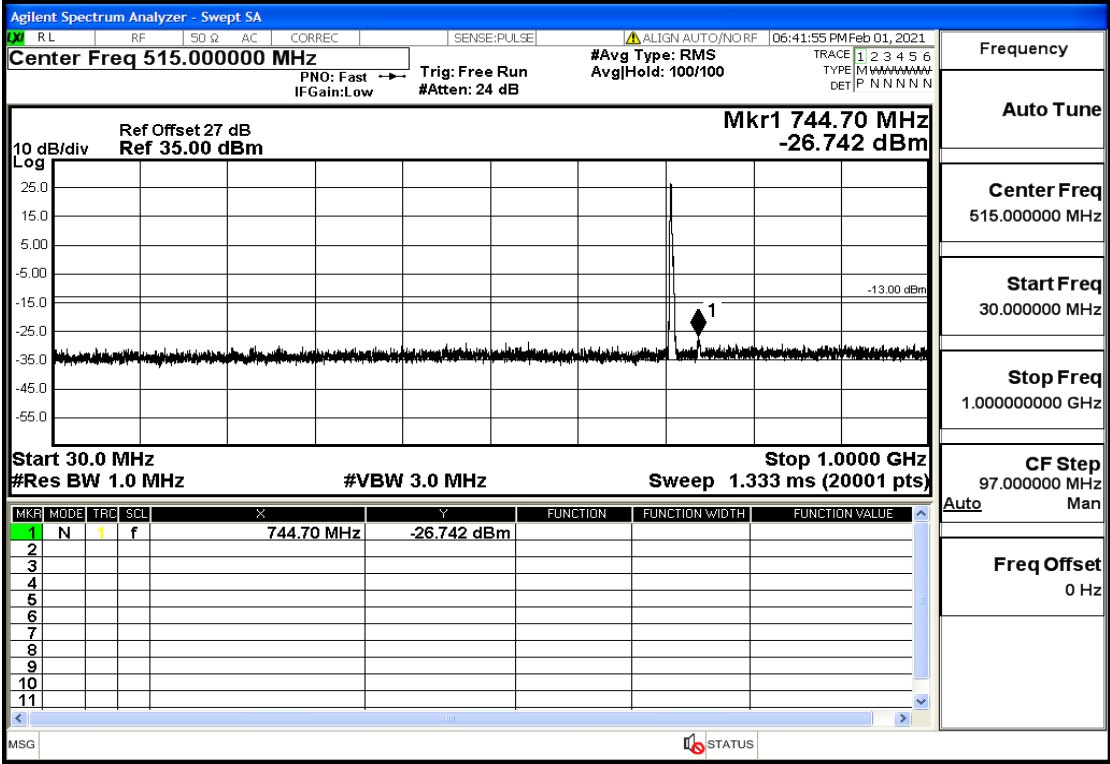
OB12-3-714.5-QPSK-15#LOW@30mHz-1GHz@Pass



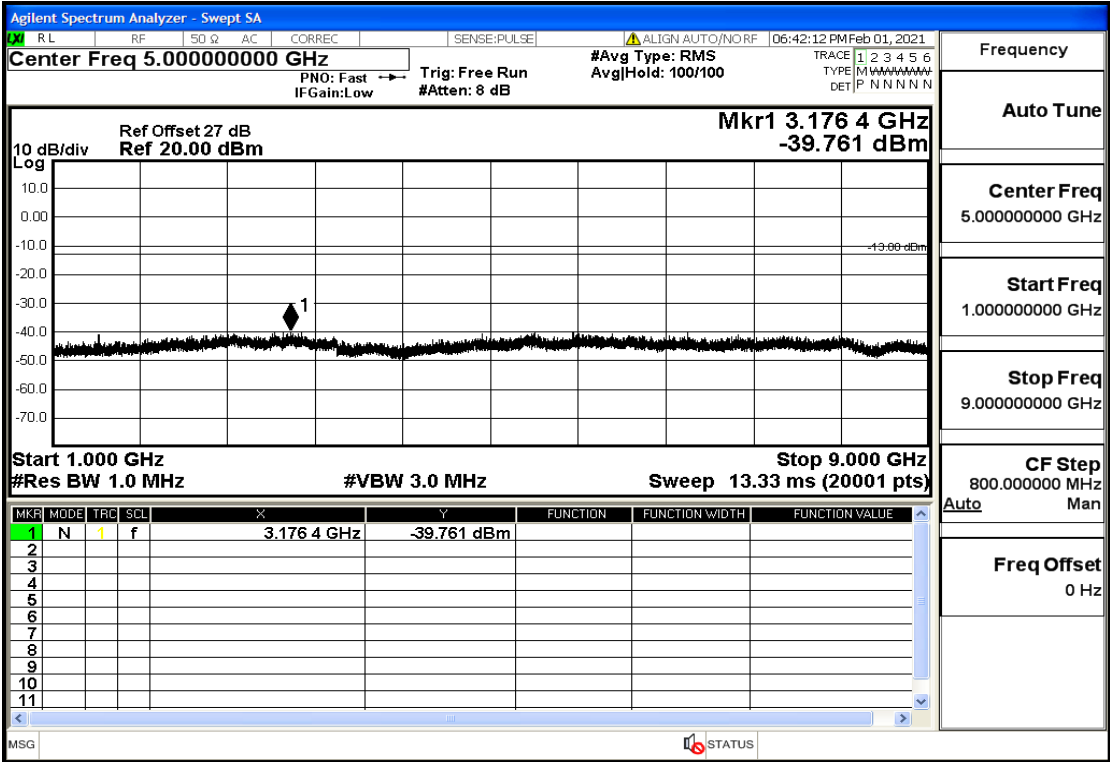
OB12-3-714.5-QPSK-15#LOW@1GHz-9GHz@Pass



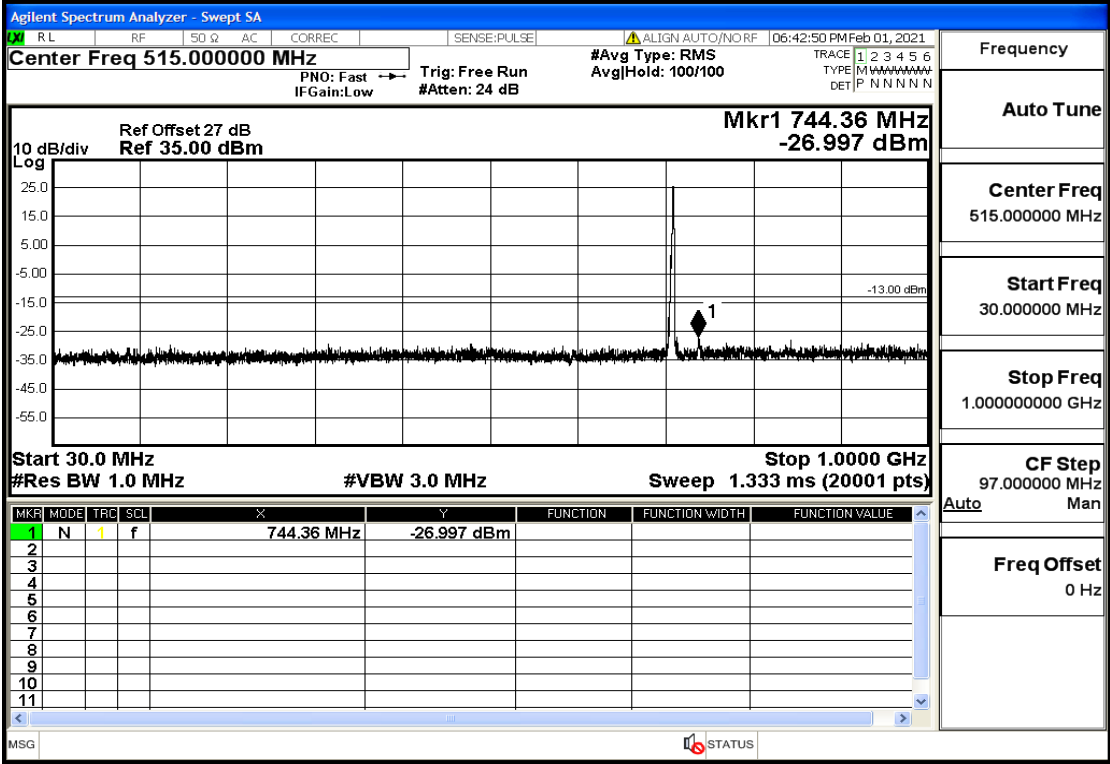
OB12-3-714.5-QPSK-1#LOW@30mHz-1GHz@Pass



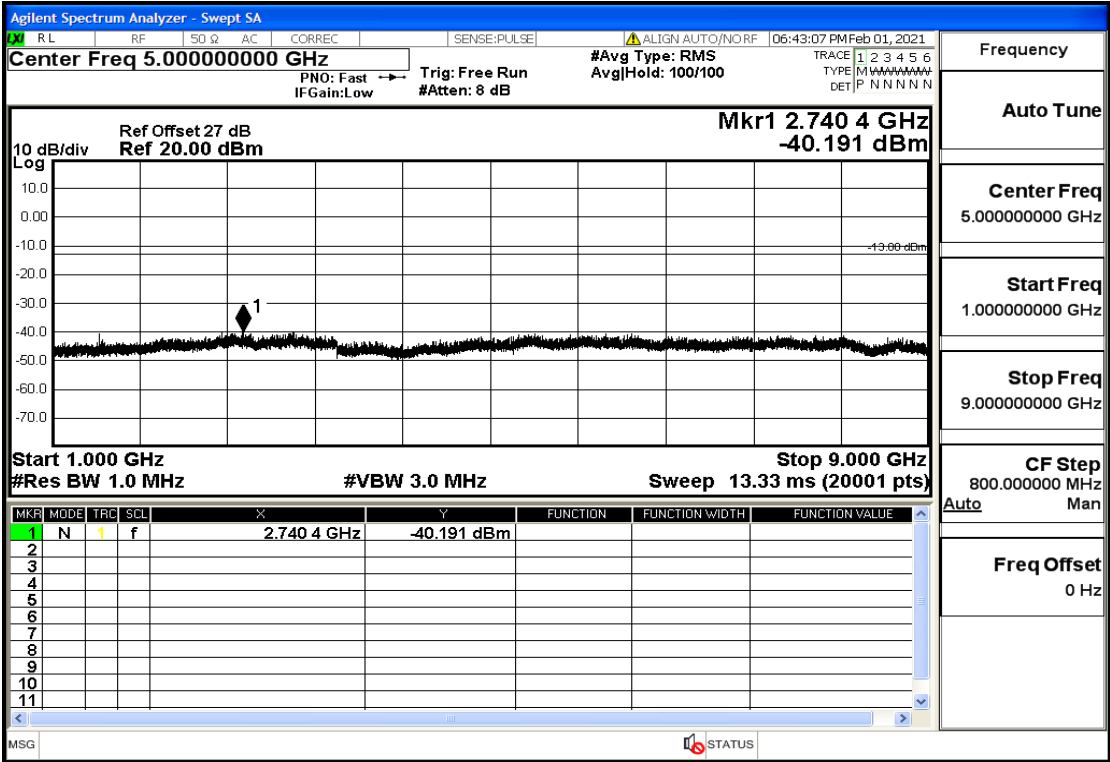
OB12-3-714.5-QPSK-1#LOW@1GHz-9GHz@Pass



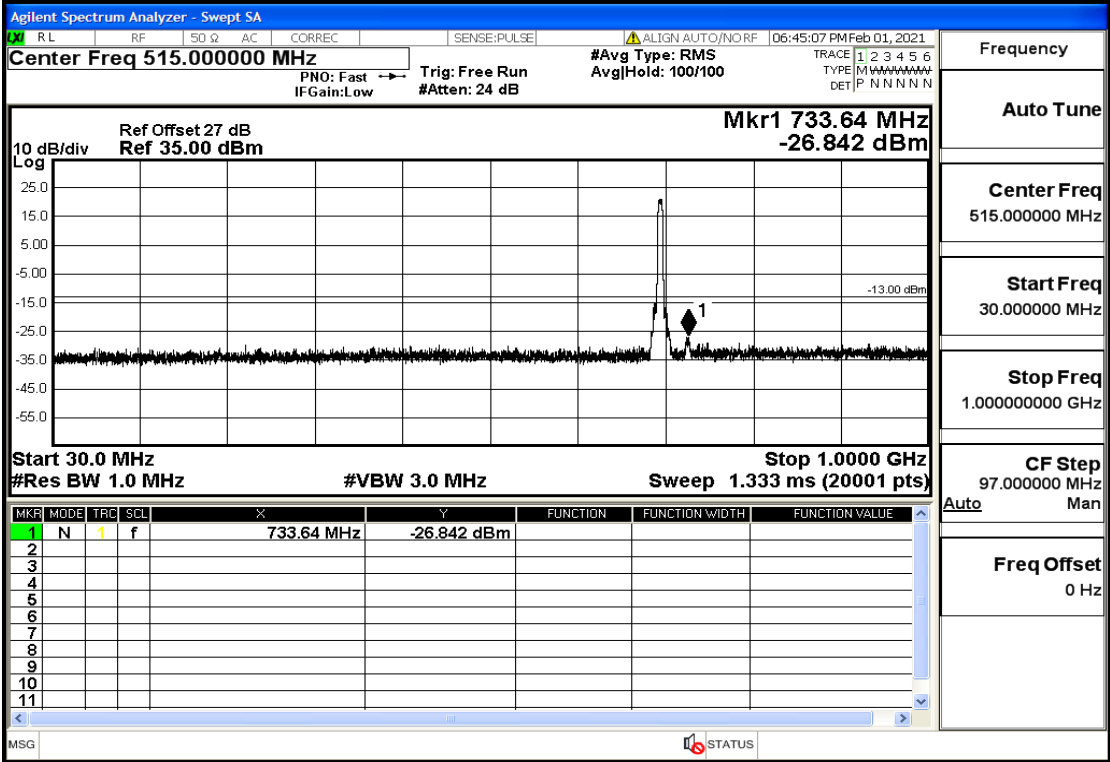
OB12-3-714.5-QPSK-1#HIGH@30mHz-1GHz@Pass



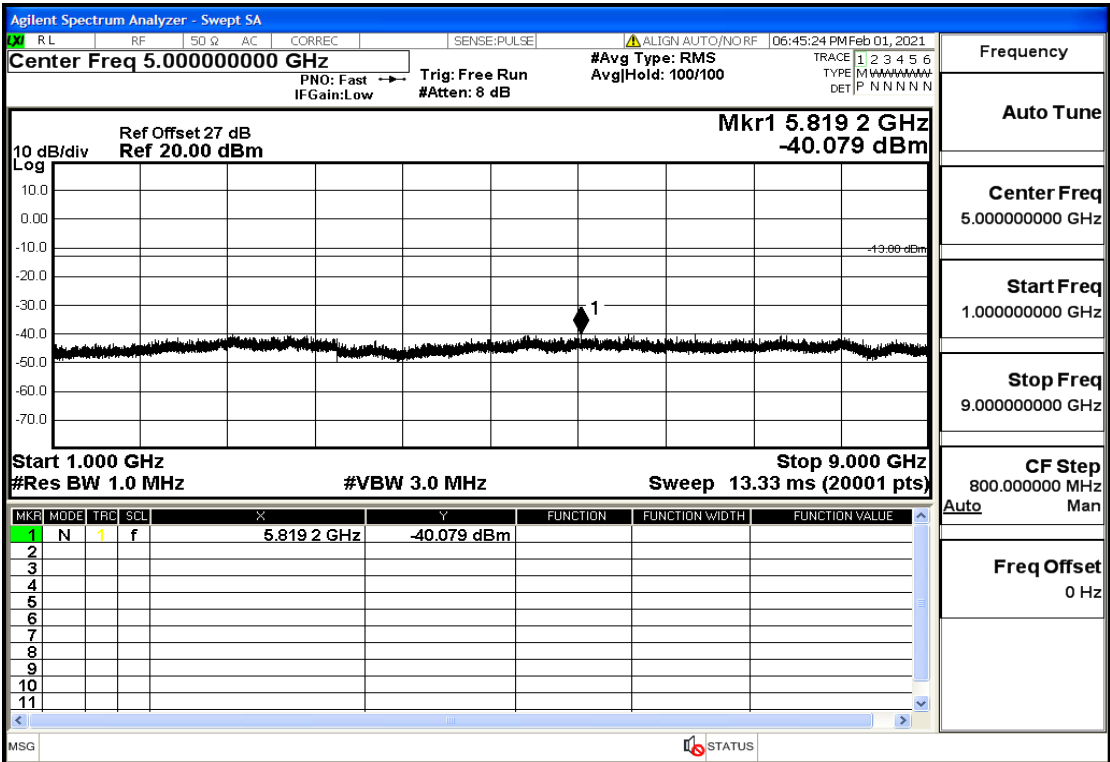
OB12-3-714.5-QPSK-1#HIGH@1GHz-9GHz@Pass



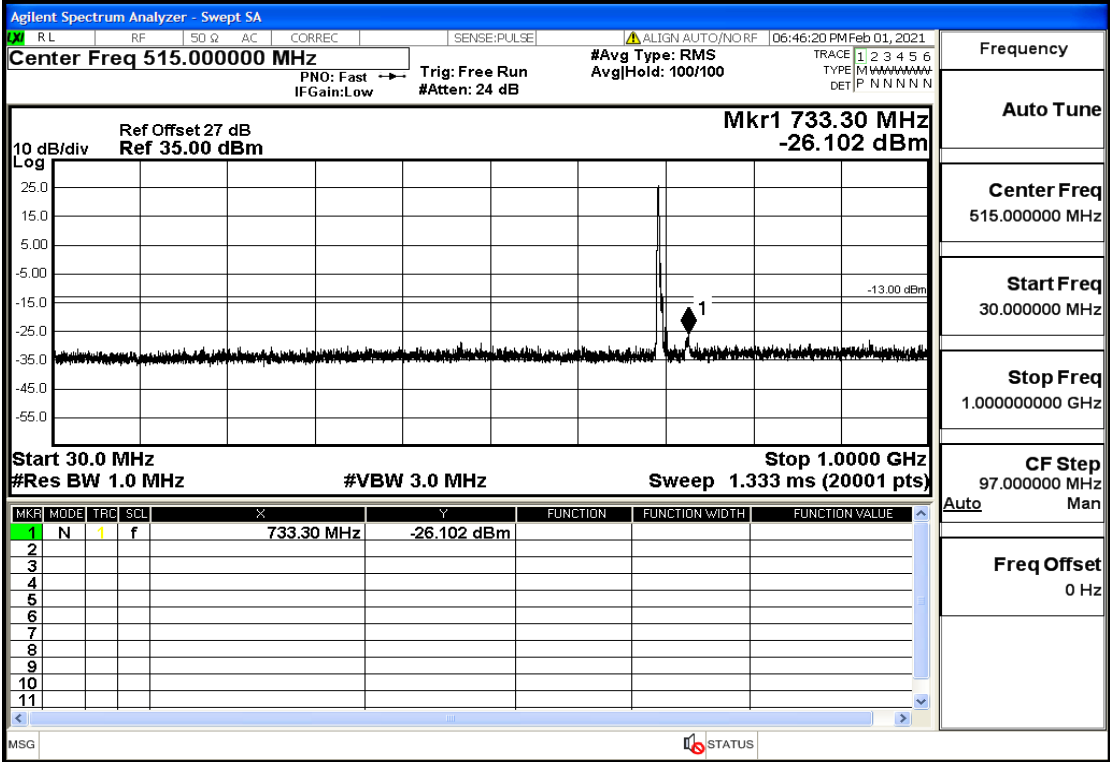
OB12-5-701.5-QPSK-25#LOW@30mHz-1GHz@Pass



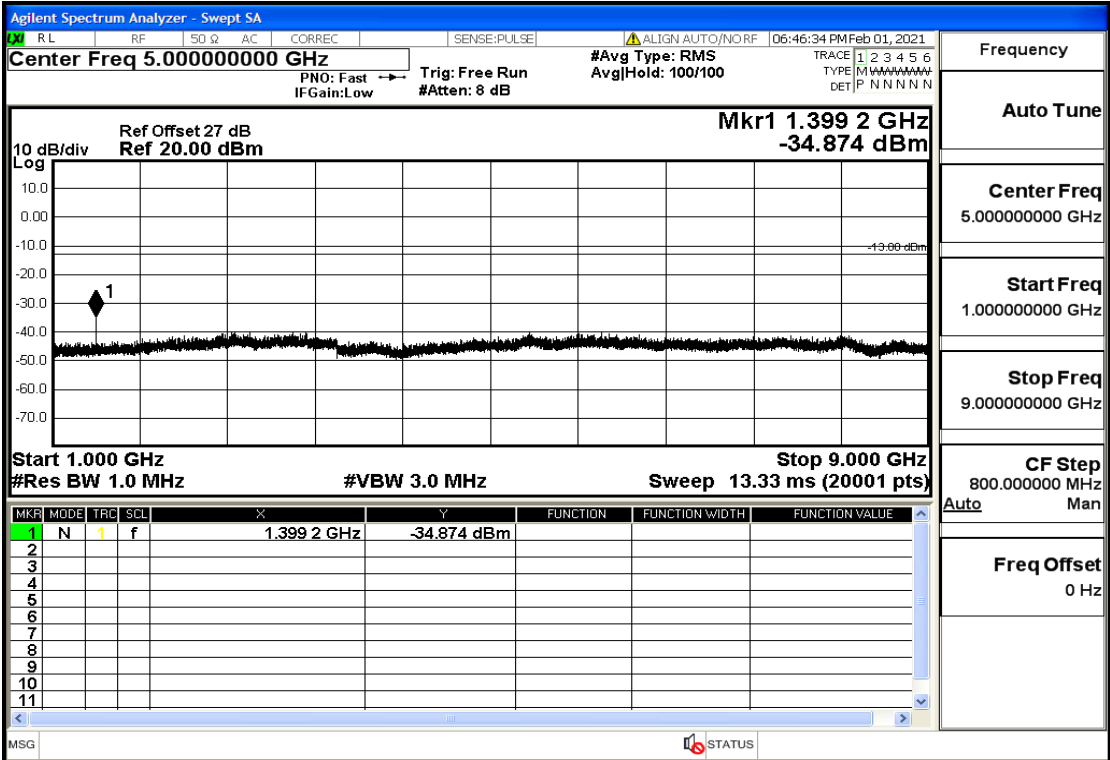
OB12-5-701.5-QPSK-25#LOW@1GHz-9GHz@Pass



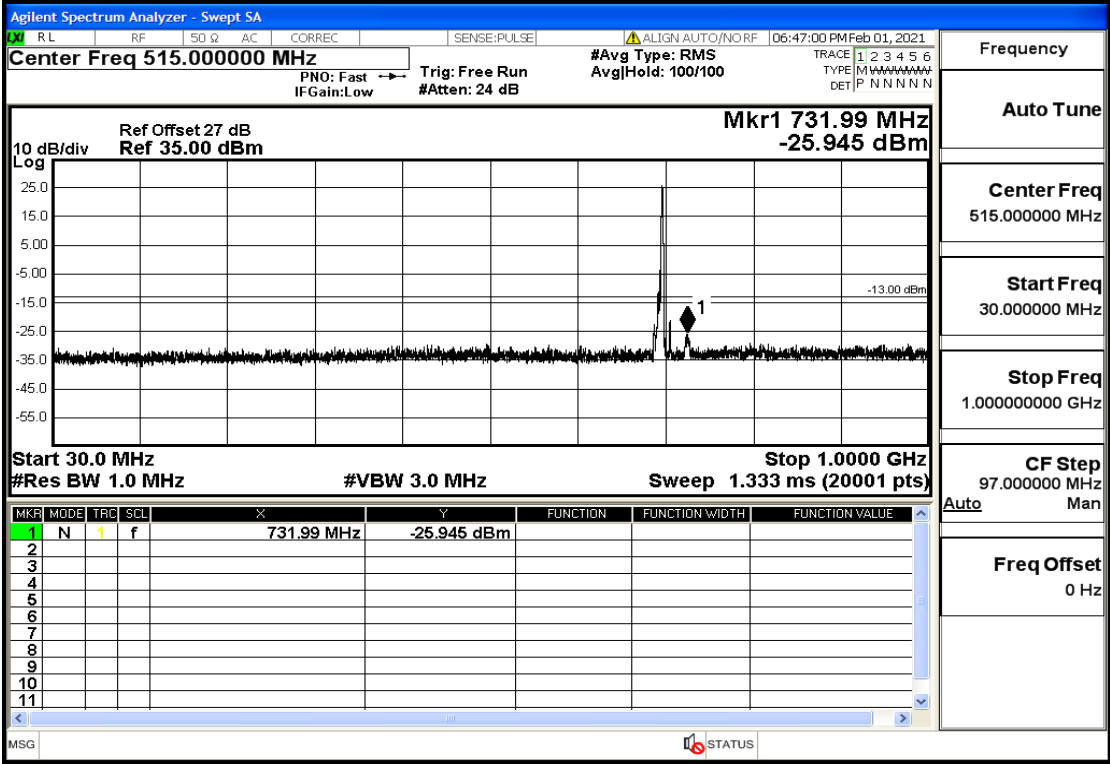
OB12-5-701.5-QPSK-1#LOW@30mHz-1GHz@Pass



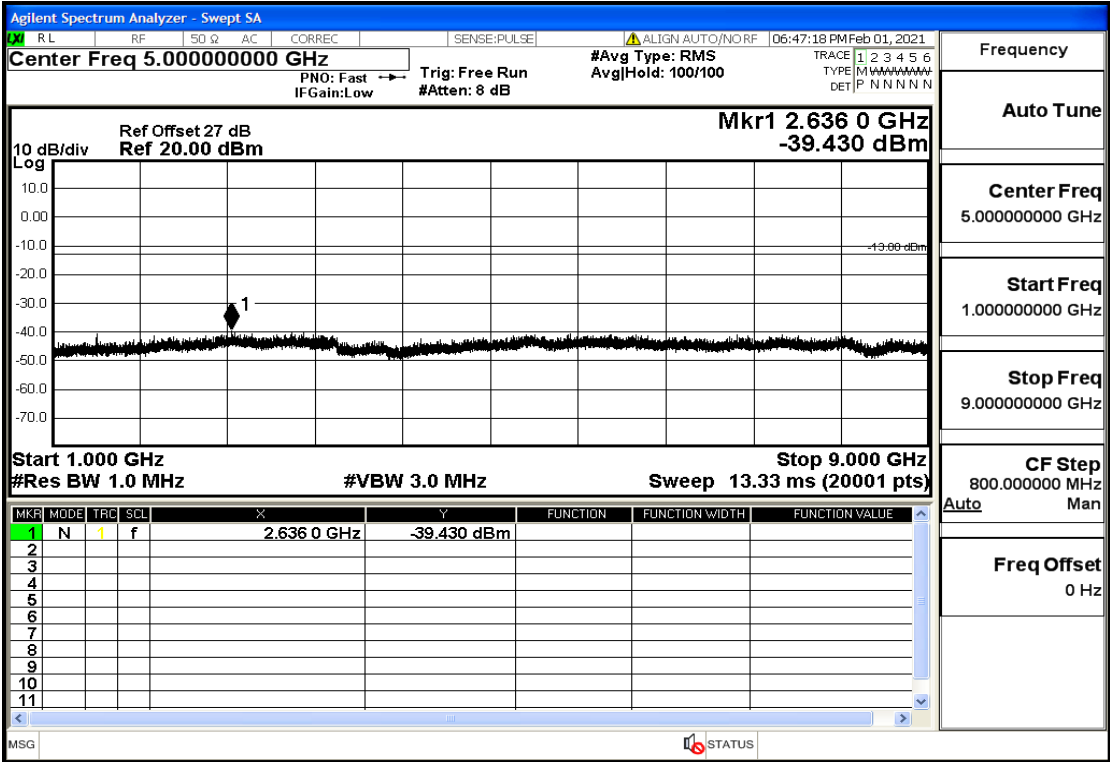
OB12-5-701.5-QPSK-1#LOW@1GHz-9GHz@Pass



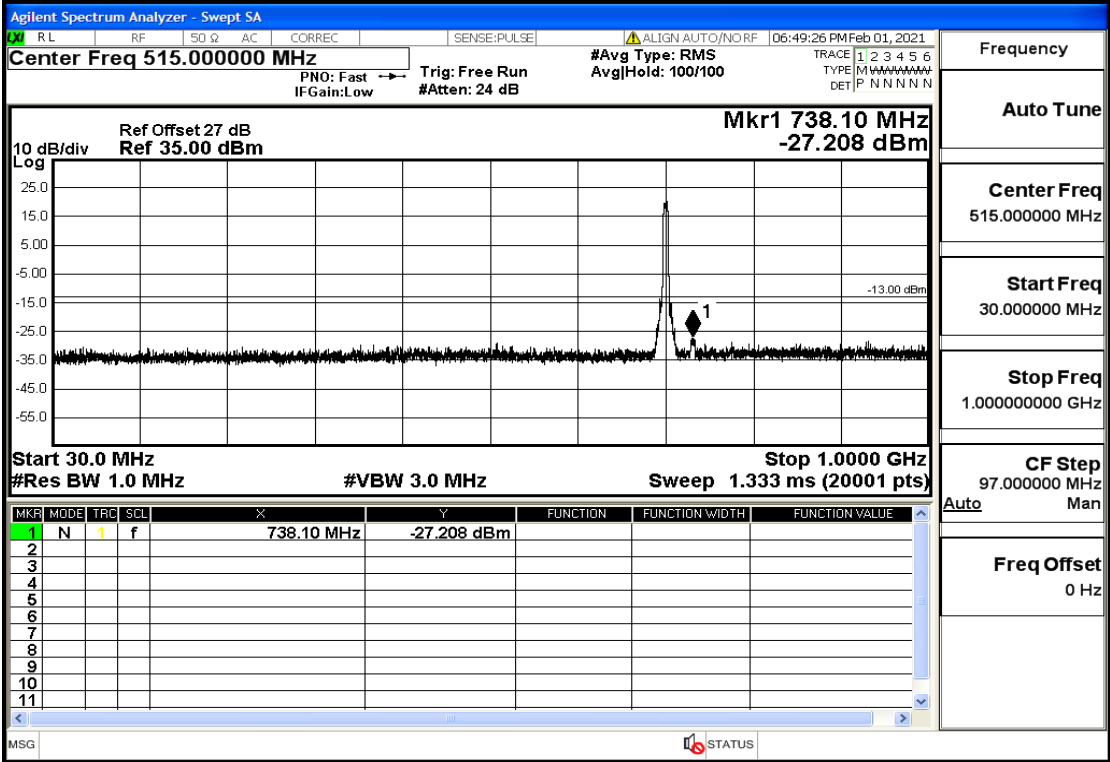
OB12-5-701.5-QPSK-1#HIGH@30mHz-1GHz@Pass



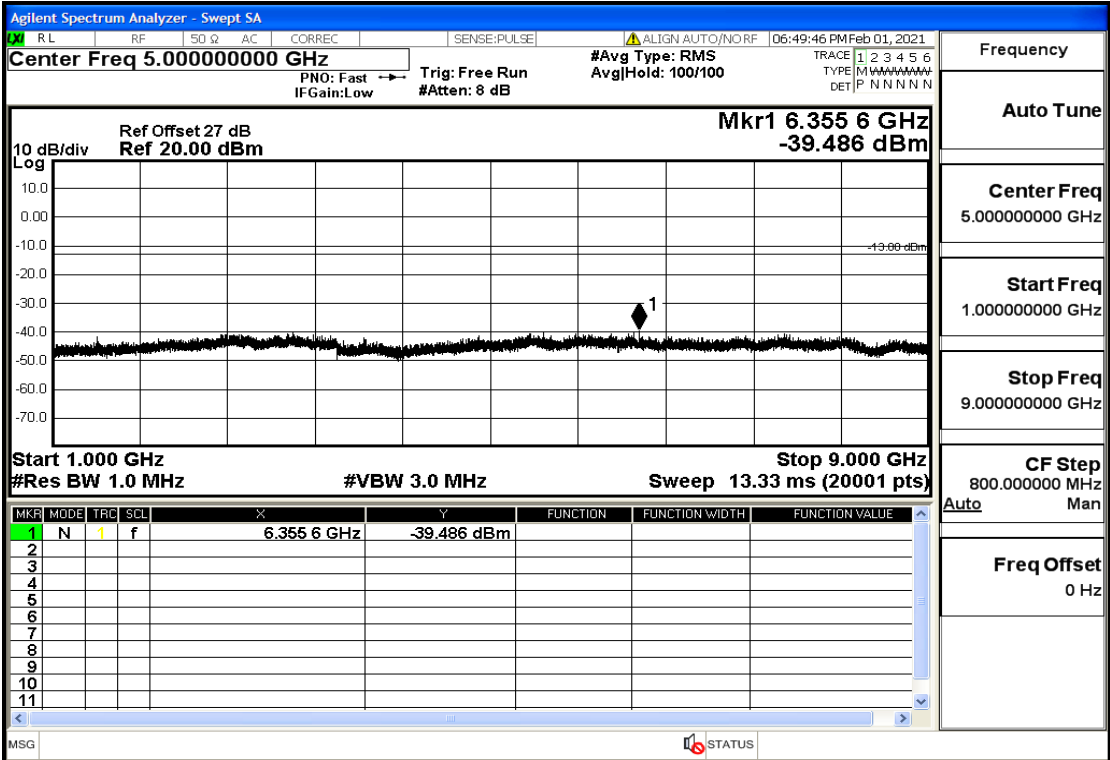
OB12-5-701.5-QPSK-1#HIGH@1GHz-9GHz@Pass



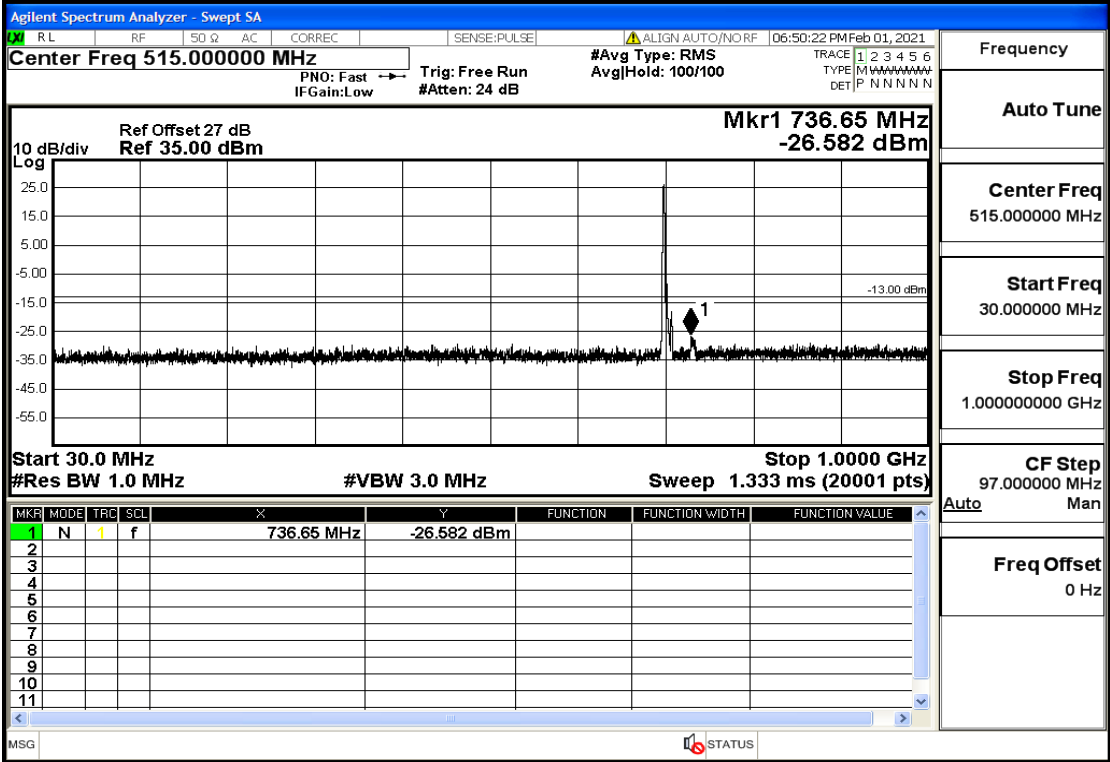
OB12-5-707.5-QPSK-25#LOW@30mHz-1GHz@Pass



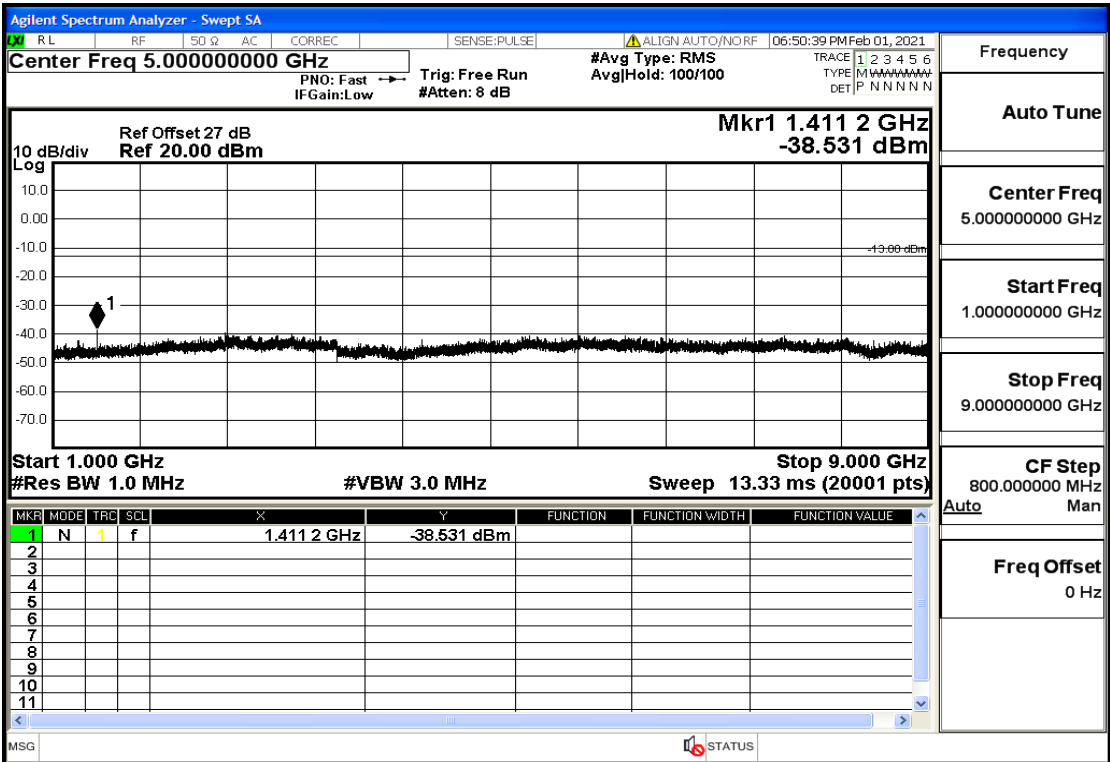
OB12-5-707.5-QPSK-25#LOW@1GHz-9GHz@Pass



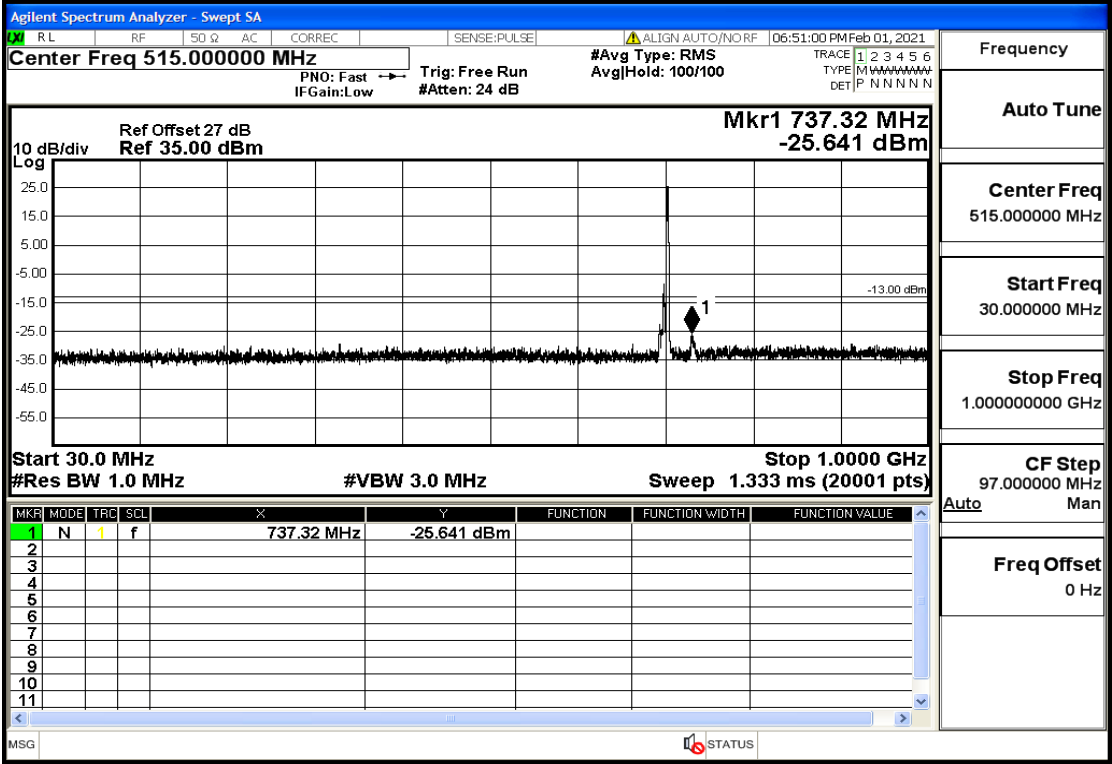
OB12-5-707.5-QPSK-1#LOW@30mHz-1GHz@Pass



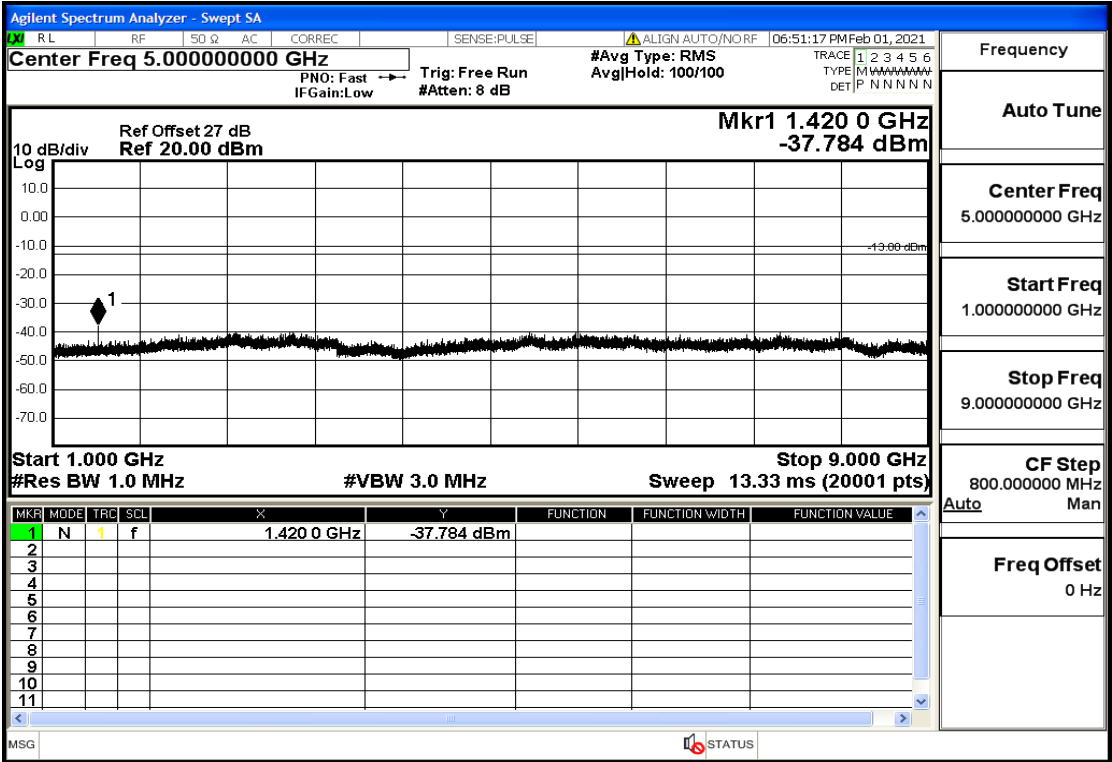
OB12-5-707.5-QPSK-1#LOW@1GHz-9GHz@Pass



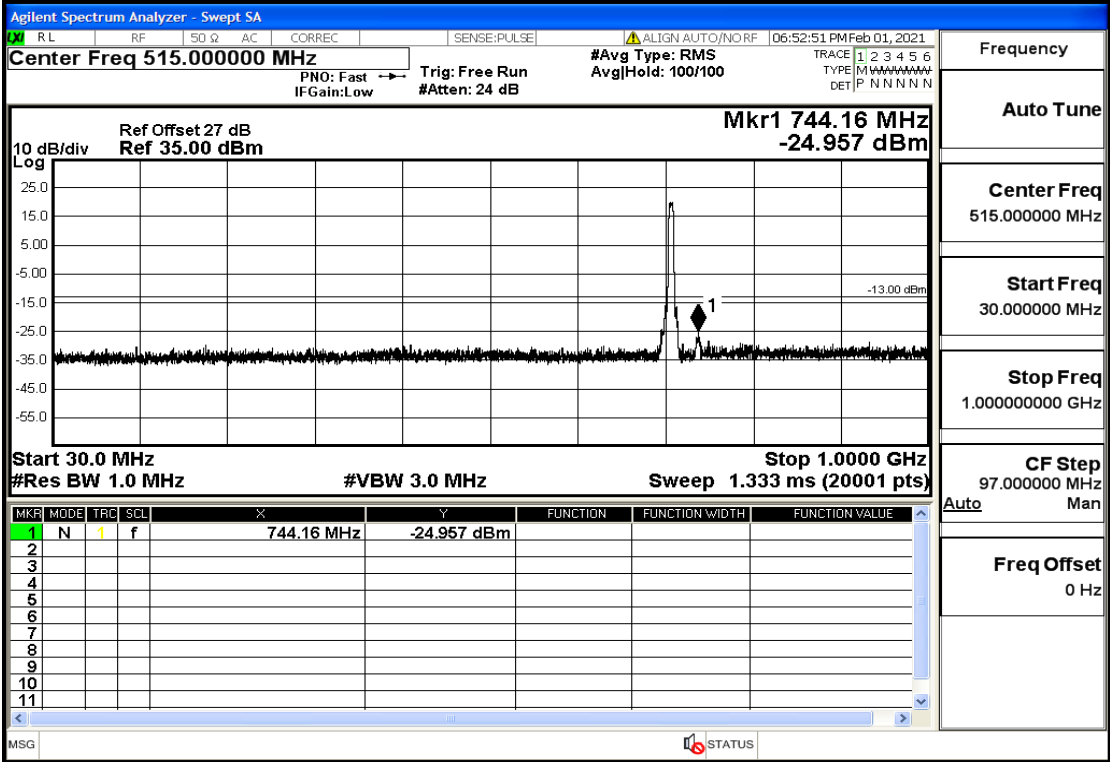
OB12-5-707.5-QPSK-1#HIGH@30mHz-1GHz@Pass



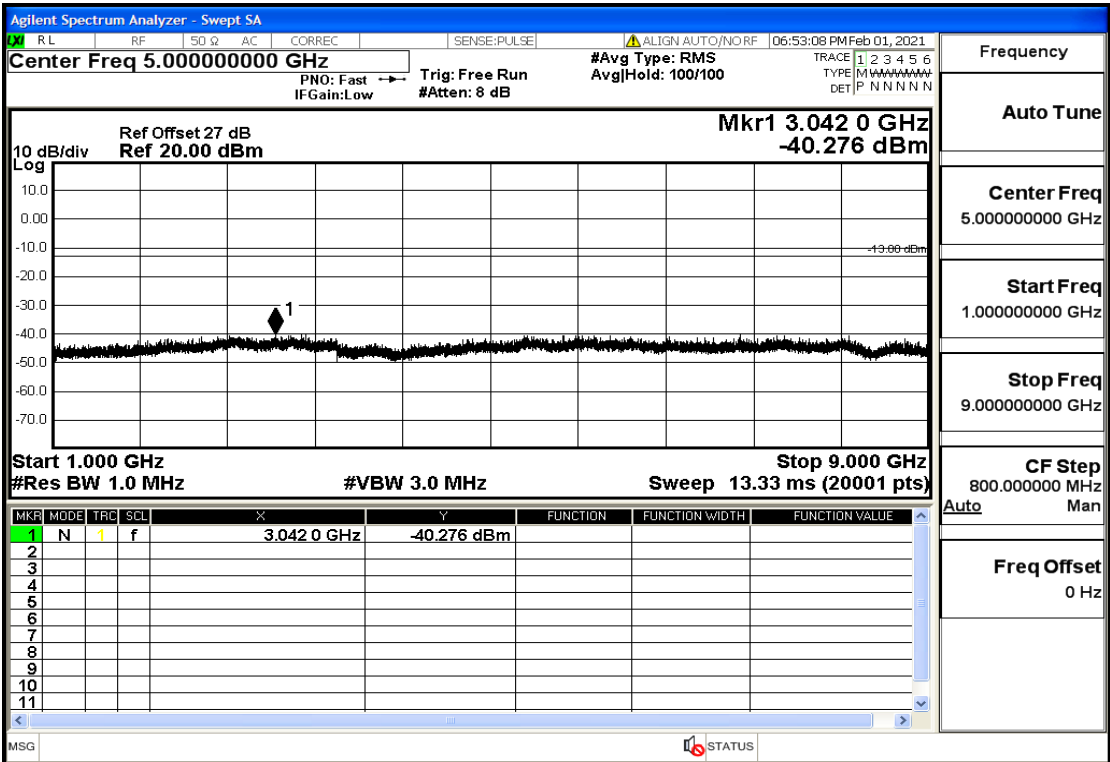
OB12-5-707.5-QPSK-1#HIGH@1GHz-9GHz@Pass



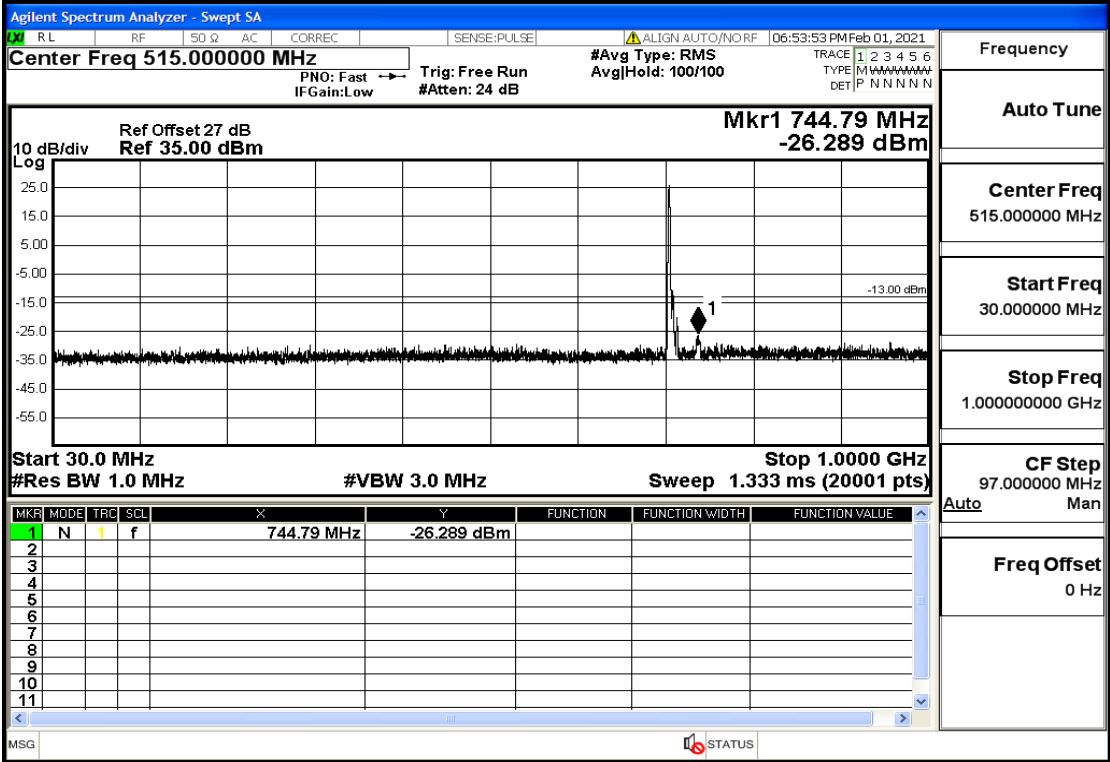
OB12-5-713.5-QPSK-25#LOW@30mHz-1GHz@Pass



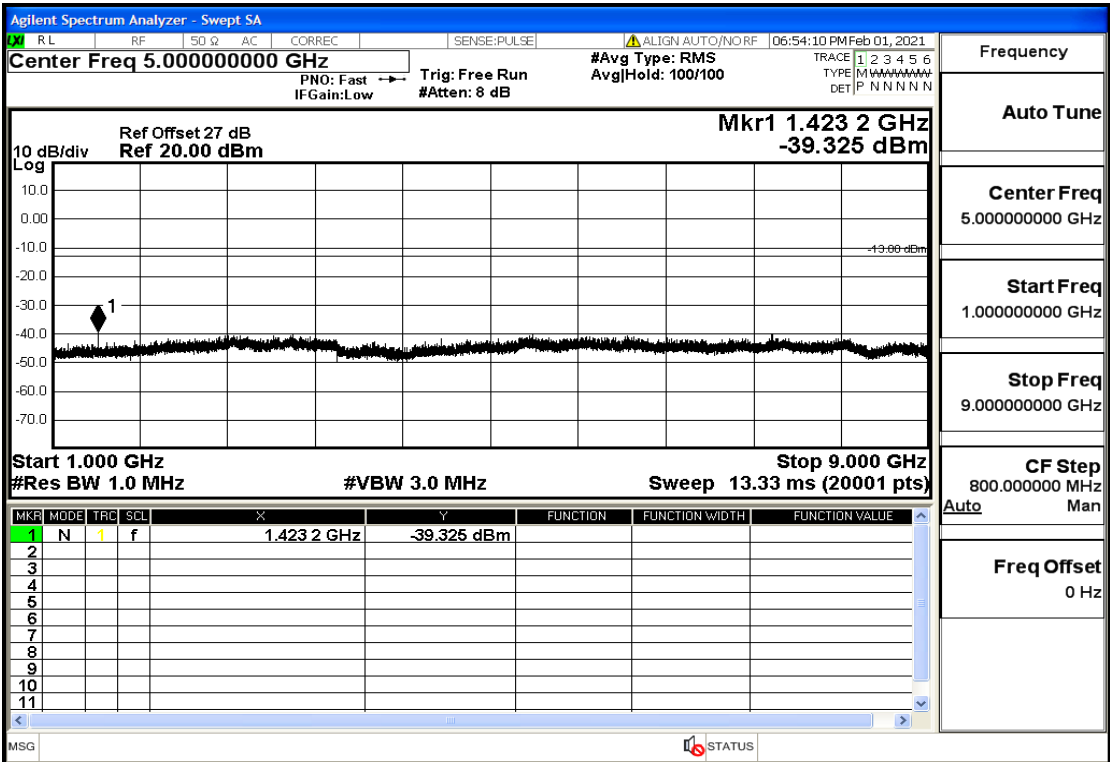
OB12-5-713.5-QPSK-25#LOW@1GHz-9GHz@Pass



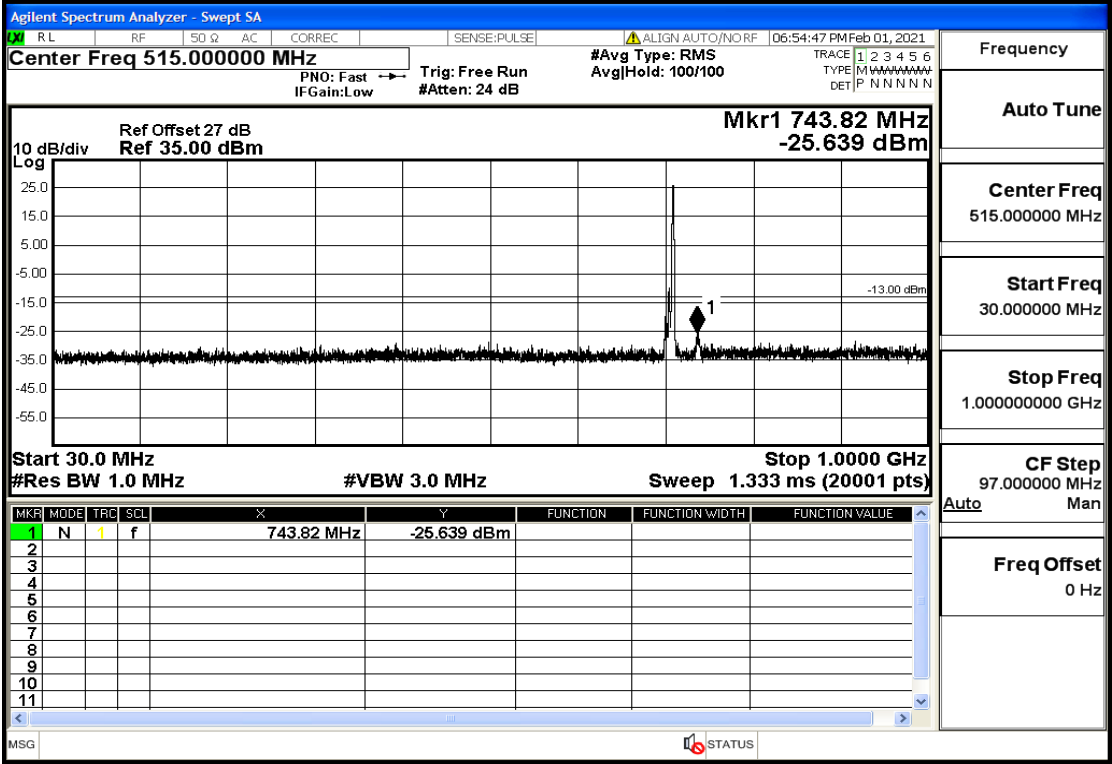
OB12-5-713.5-QPSK-1#LOW@30mHz-1GHz@Pass



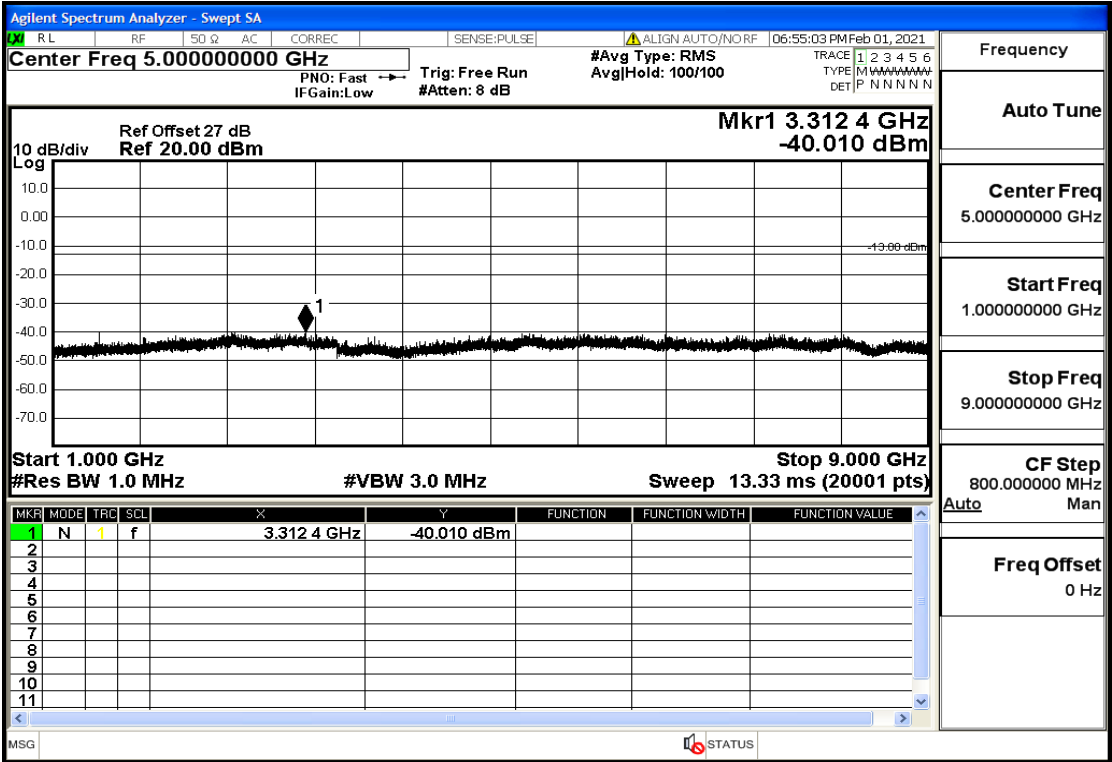
OB12-5-713.5-QPSK-1#LOW@1GHz-9GHz@Pass



OB12-5-713.5-QPSK-1#HIGH@30mHz-1GHz@Pass



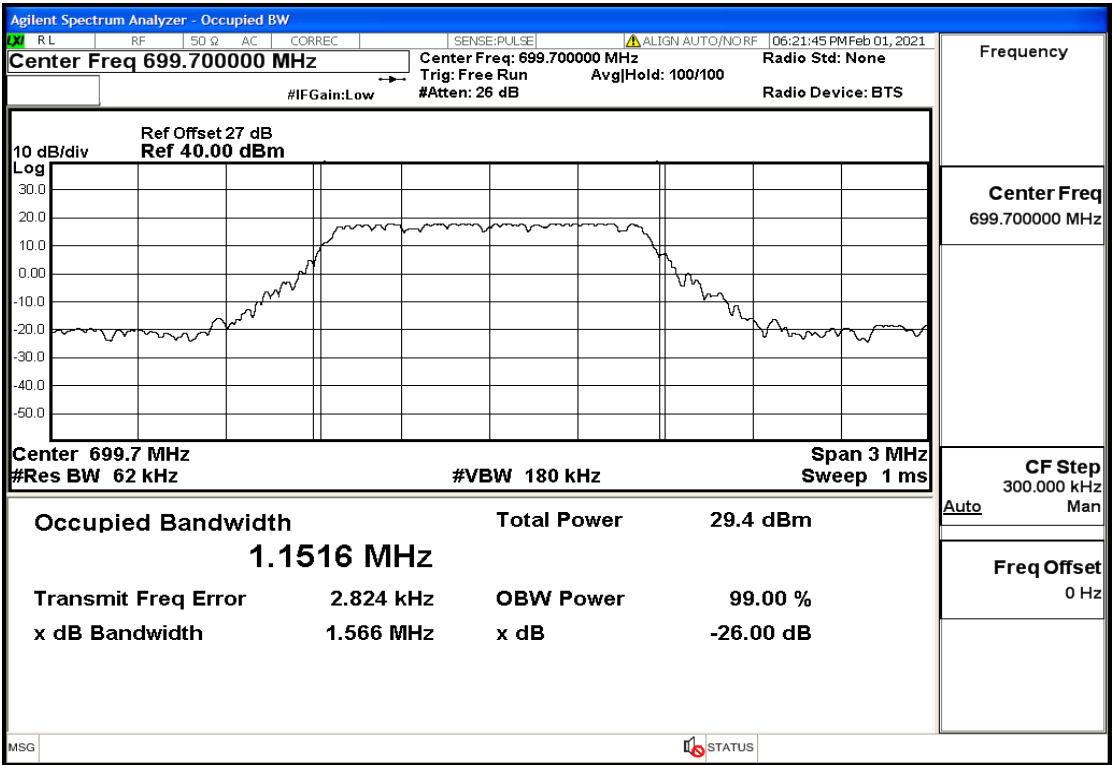
OB12-5-713.5-QPSK-1#HIGH@1GHz-9GHz@Pass



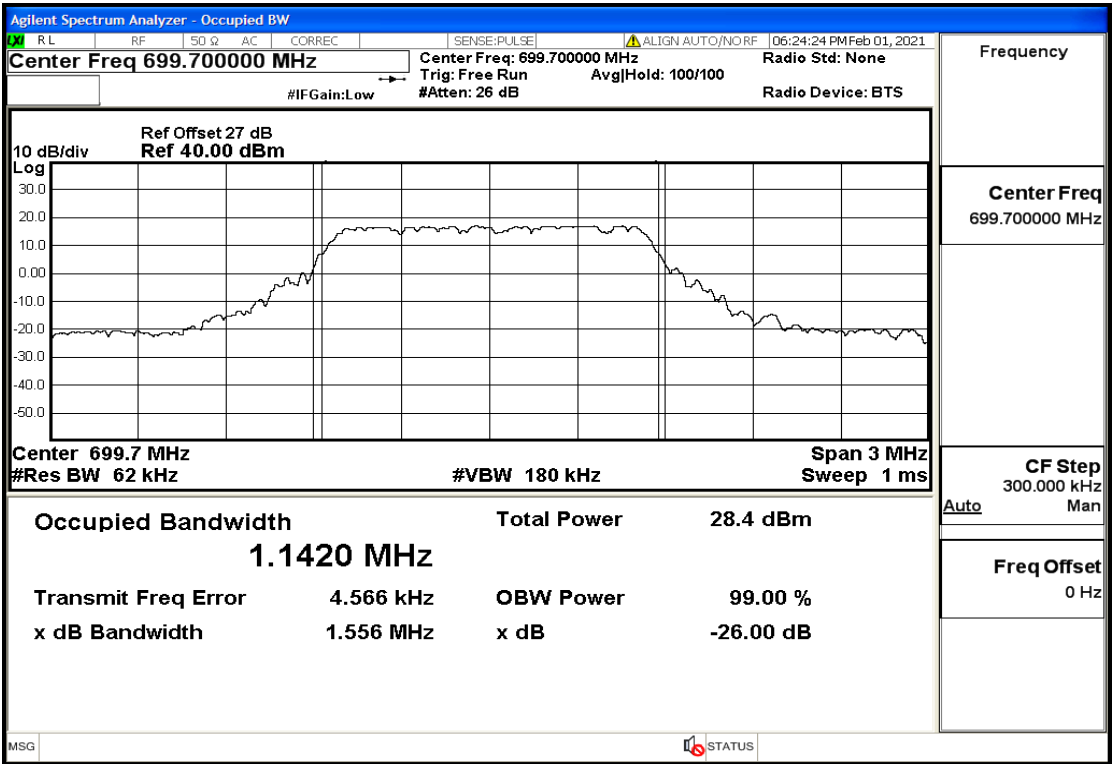
Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band12	1.4	699.7	QPSK	6	LOW	1151.6	1566	No limit
Band12	1.4	699.7	16QAM	6	LOW	1142	1556	No limit
Band12	1.4	707.5	QPSK	6	LOW	1126.6	1526	No limit
Band12	1.4	707.5	16QAM	6	LOW	1163.4	1554	No limit
Band12	1.4	715.3	QPSK	6	LOW	1147.4	1512	No limit
Band12	1.4	715.3	16QAM	6	LOW	1152.5	1562	No limit
Band12	3	700.5	QPSK	15	LOW	2761.2	3263	No limit
Band12	3	700.5	16QAM	15	LOW	2768.1	3217	No limit
Band12	3	707.5	QPSK	15	LOW	2772.6	3273	No limit
Band12	3	707.5	16QAM	15	LOW	2790.9	3288	No limit
Band12	3	714.5	QPSK	15	LOW	2781.4	3257	No limit
Band12	3	714.5	16QAM	15	LOW	2779.5	3270	No limit
Band12	5	701.5	QPSK	25	LOW	4585.6	5308	No limit
Band12	5	701.5	16QAM	25	LOW	4598.4	5209	No limit
Band12	5	707.5	QPSK	25	LOW	4602.8	5423	No limit
Band12	5	707.5	16QAM	25	LOW	4606.4	5361	No limit
Band12	5	713.5	QPSK	25	LOW	4577.9	5314	No limit
Band12	5	713.5	16QAM	25	LOW	4577.2	5421	No limit

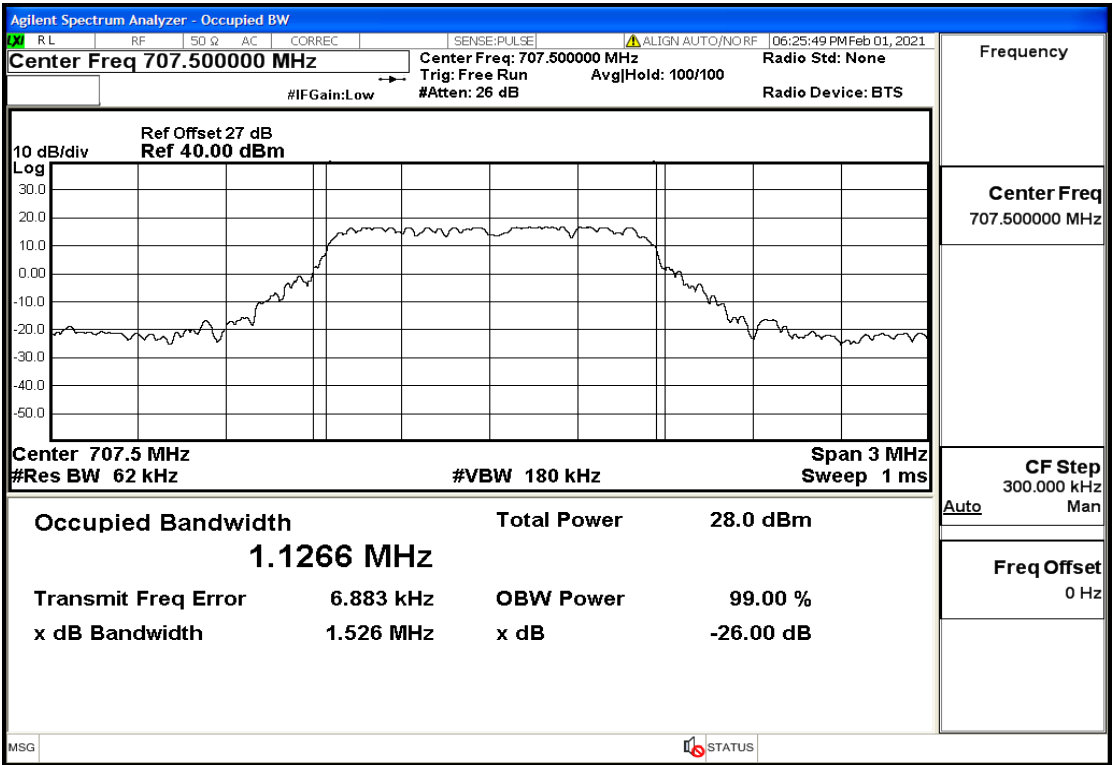
Band12-1.4-699.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



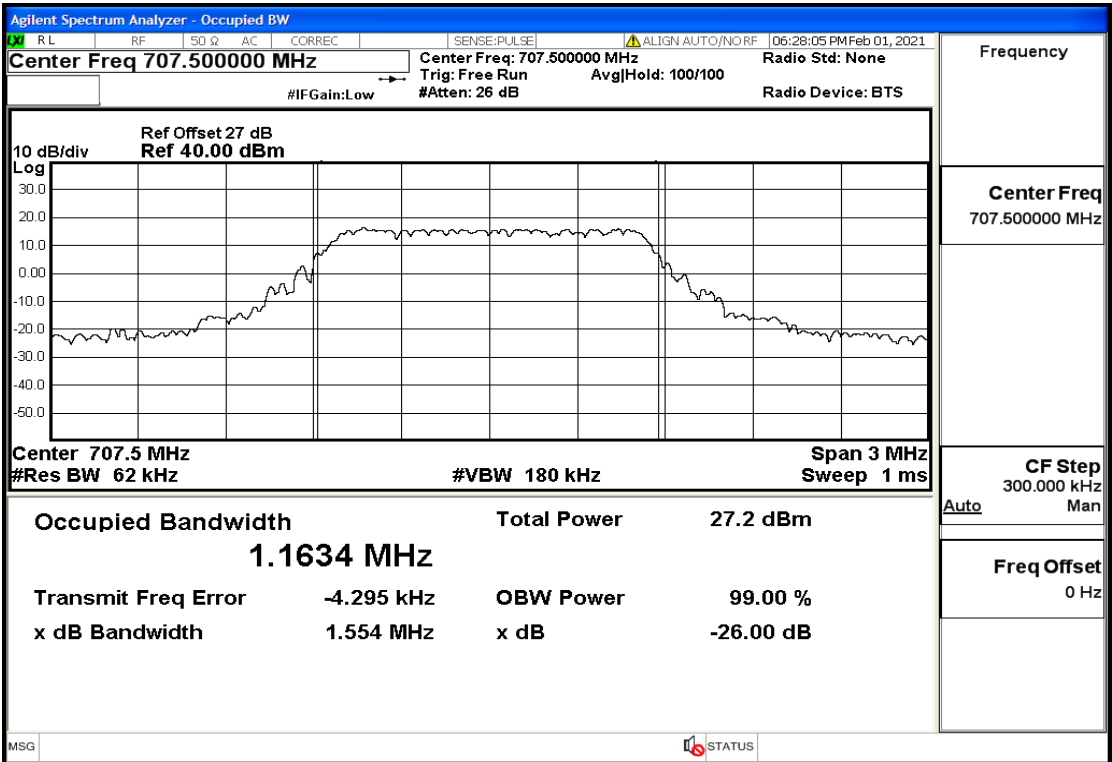
Band12-1.4-699.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



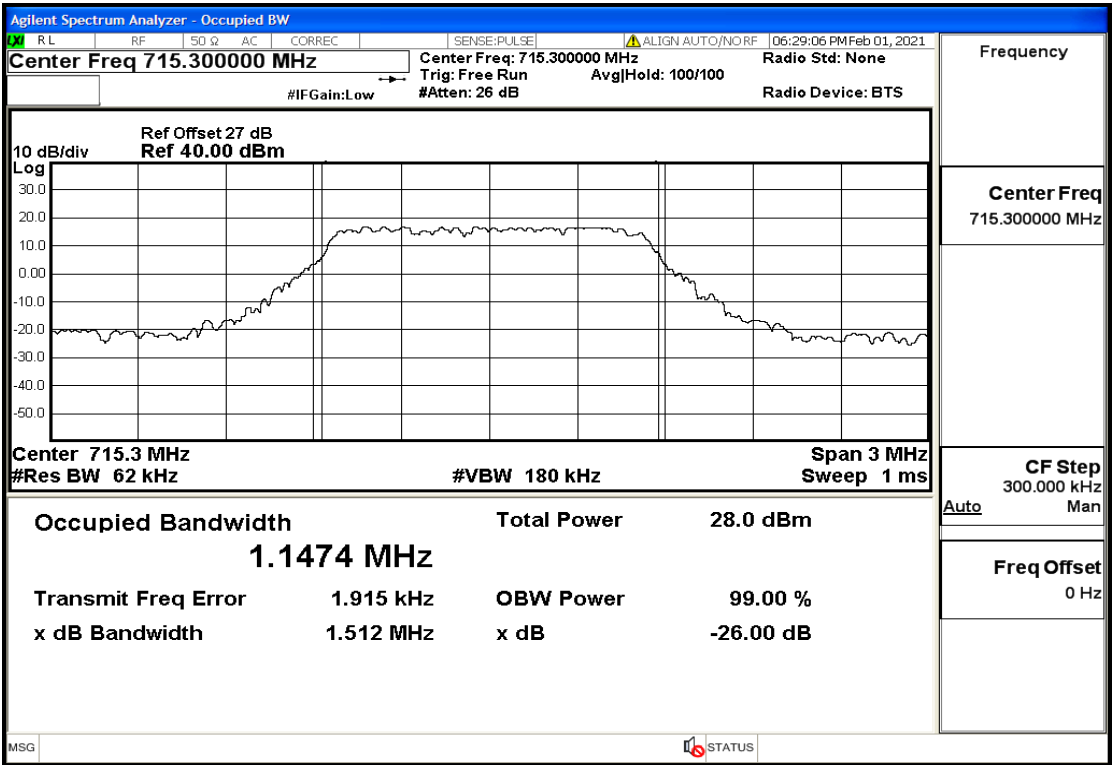
Band12-1.4-707.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



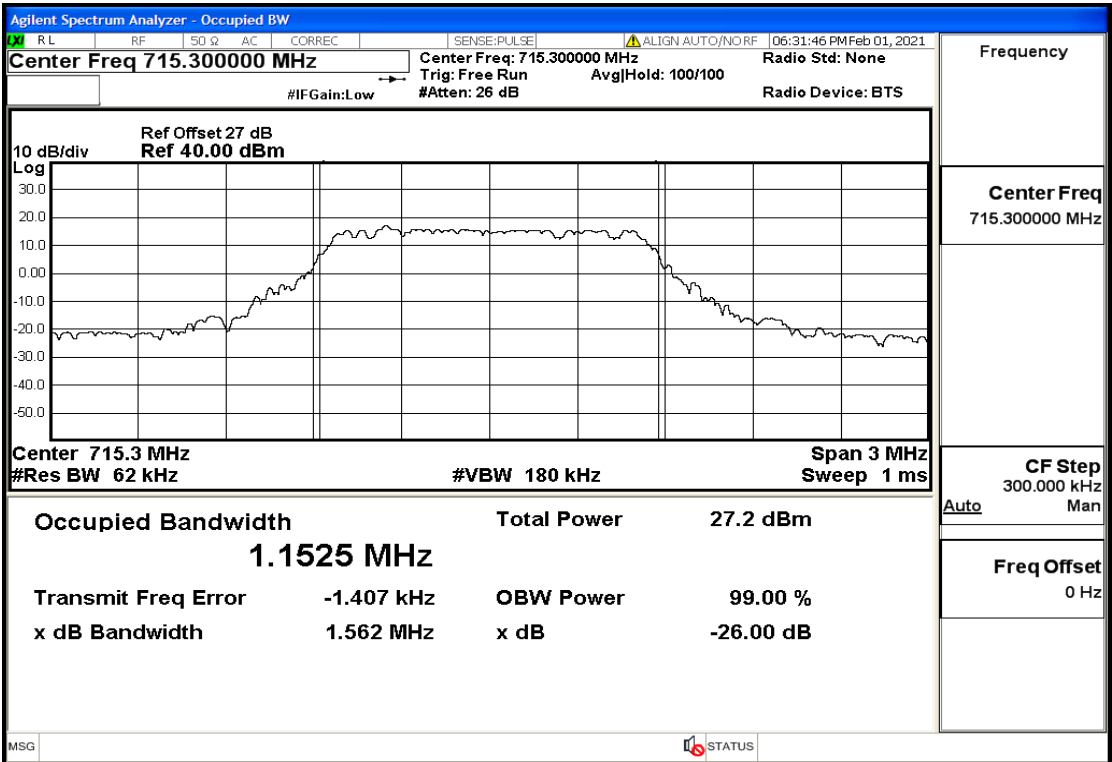
Band12-1.4-707.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



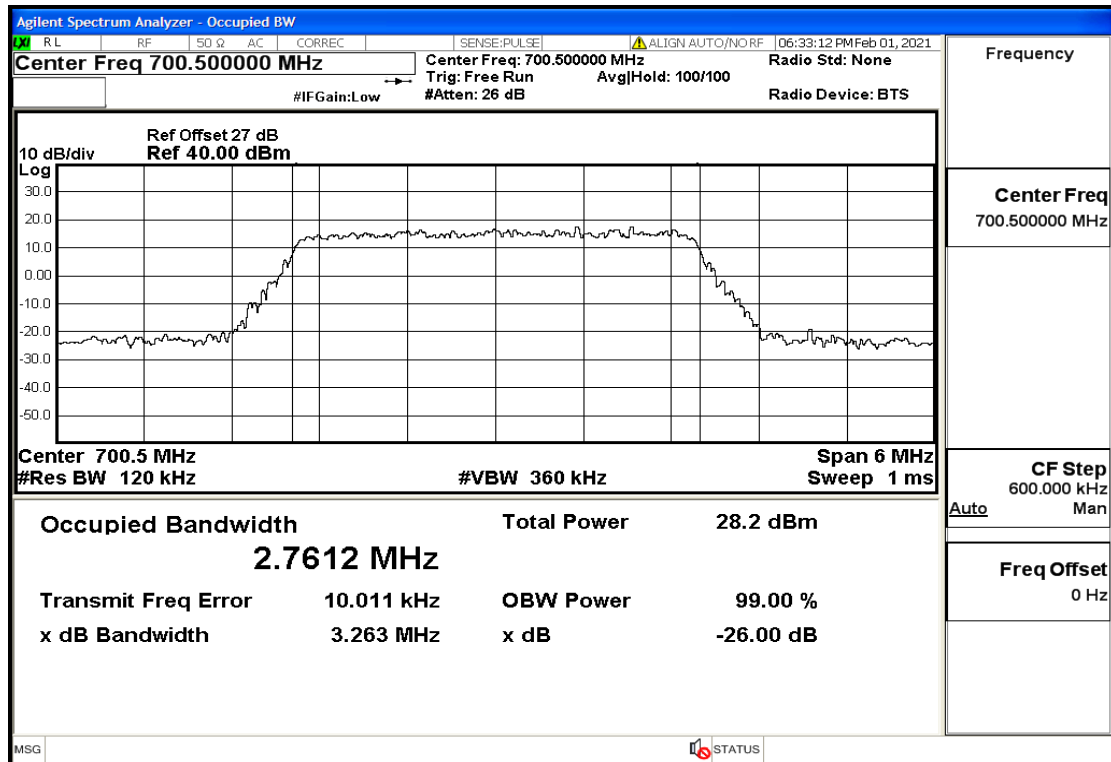
Band12-1.4-715.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



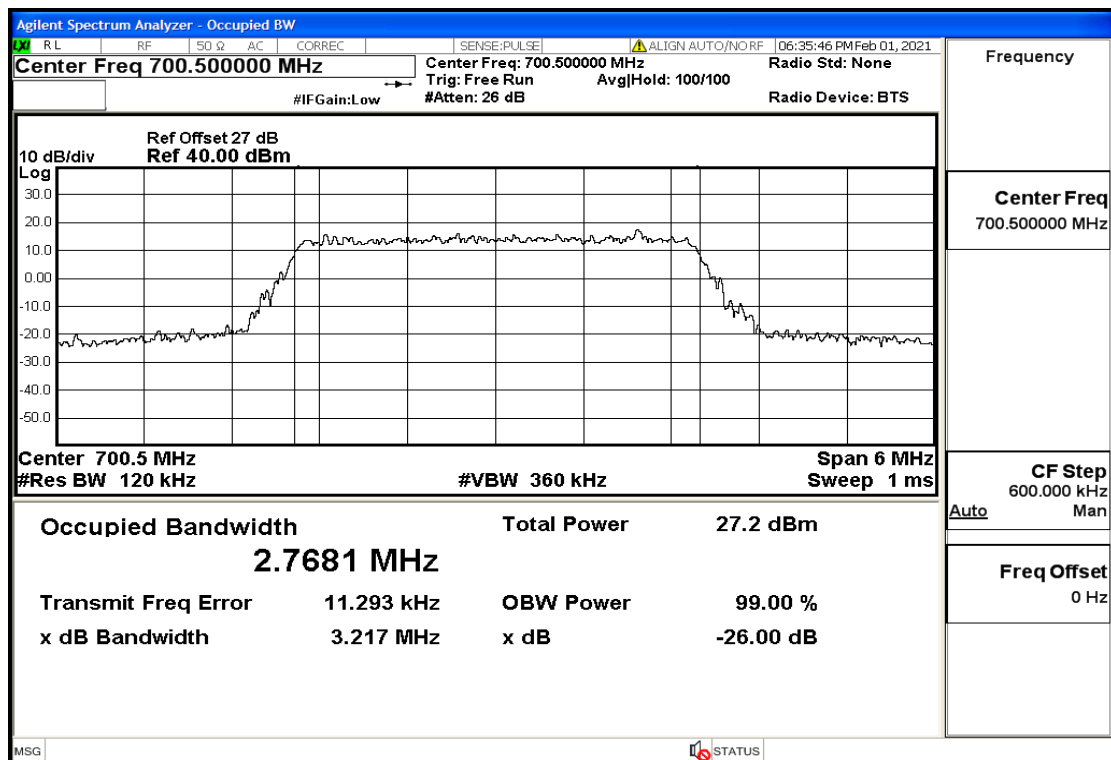
Band12-1.4-715.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



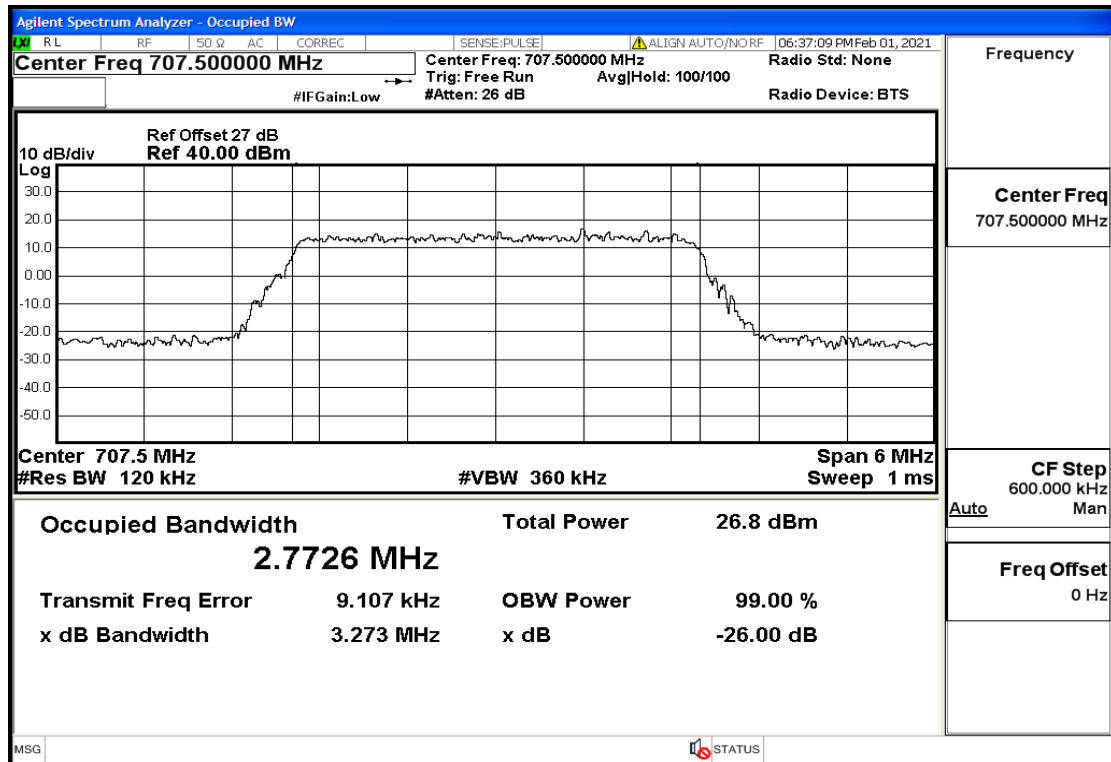
Band12-3-700.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



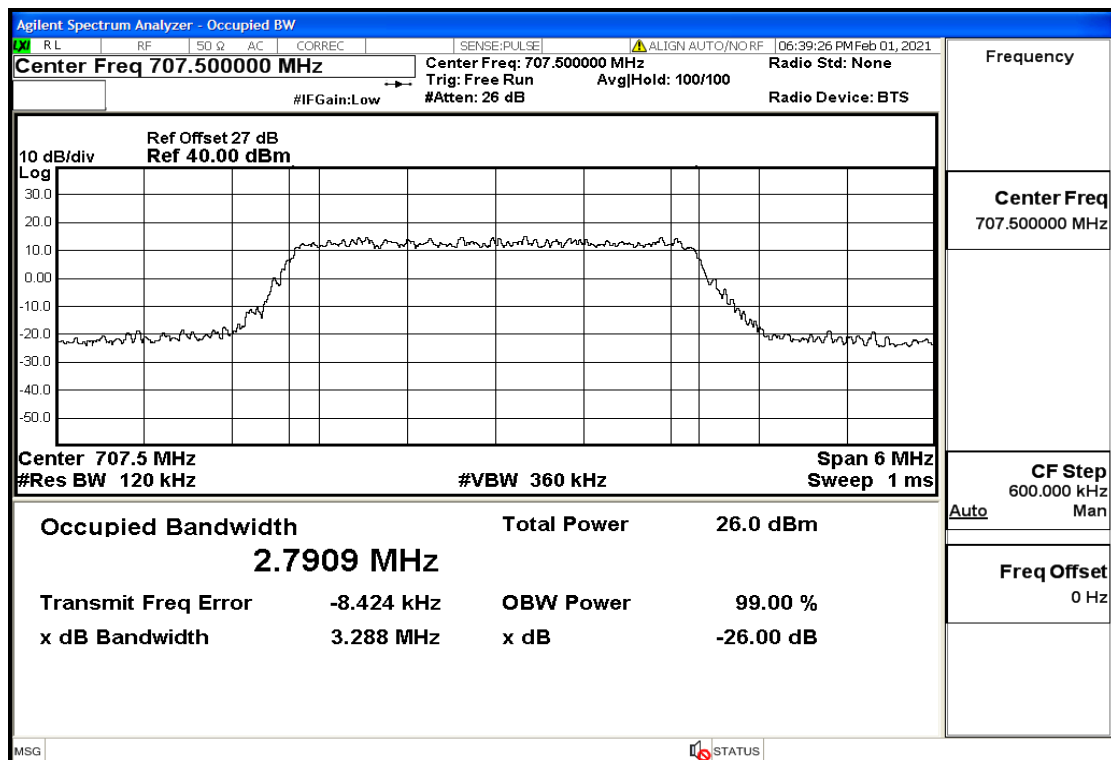
Band12-3-700.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



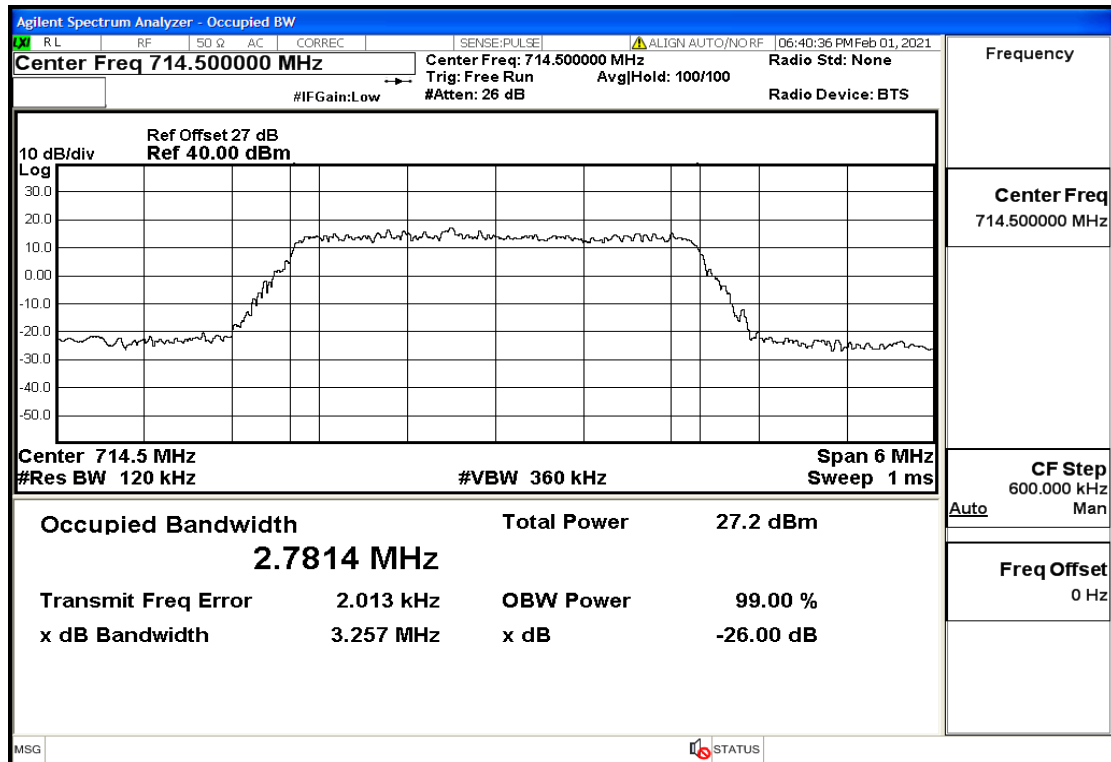
Band12-3-707.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



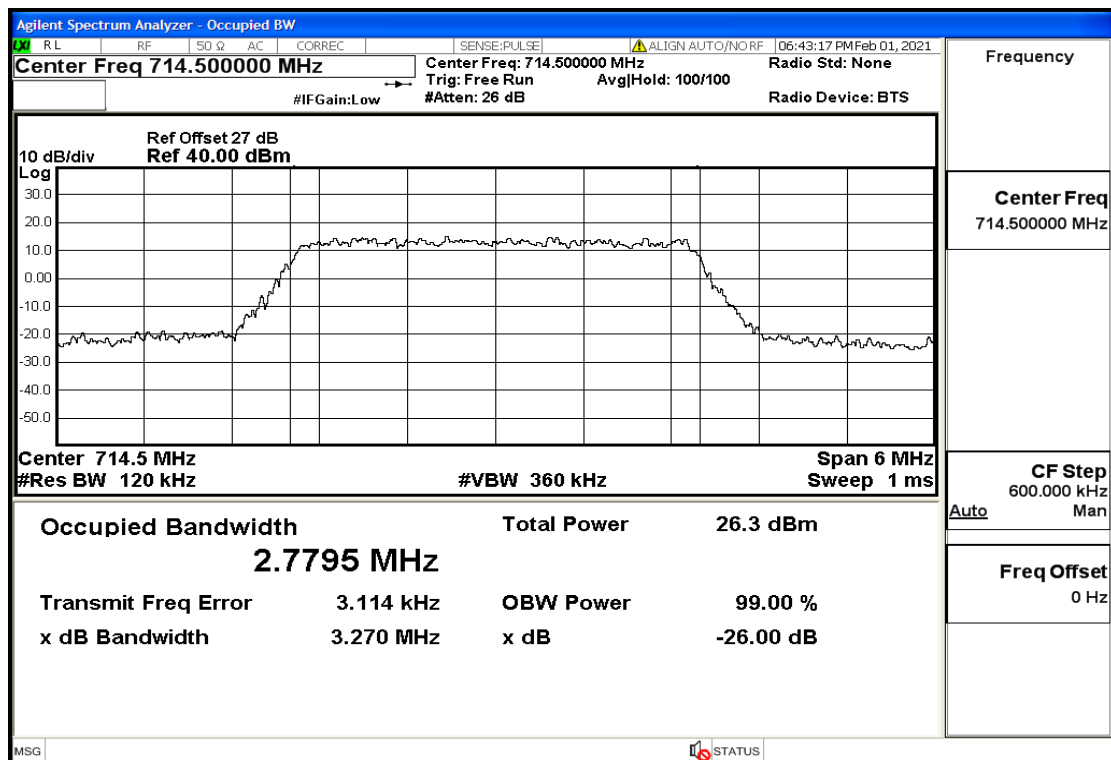
Band12-3-707.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



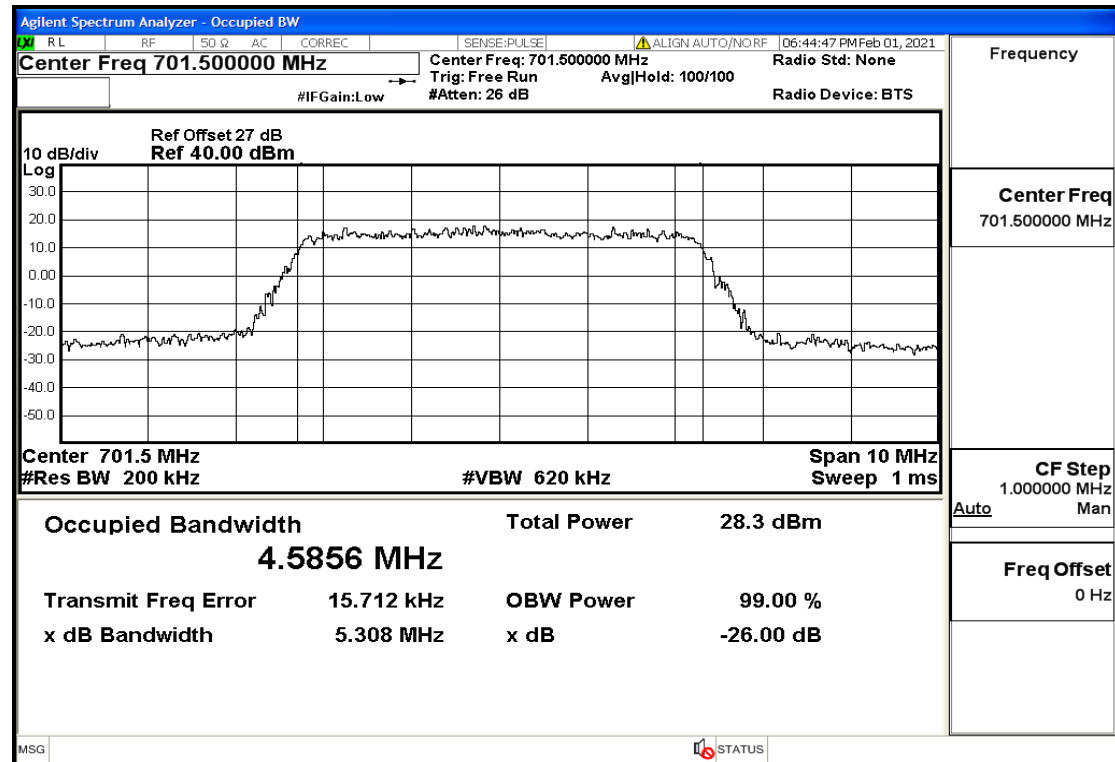
Band12-3-714.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



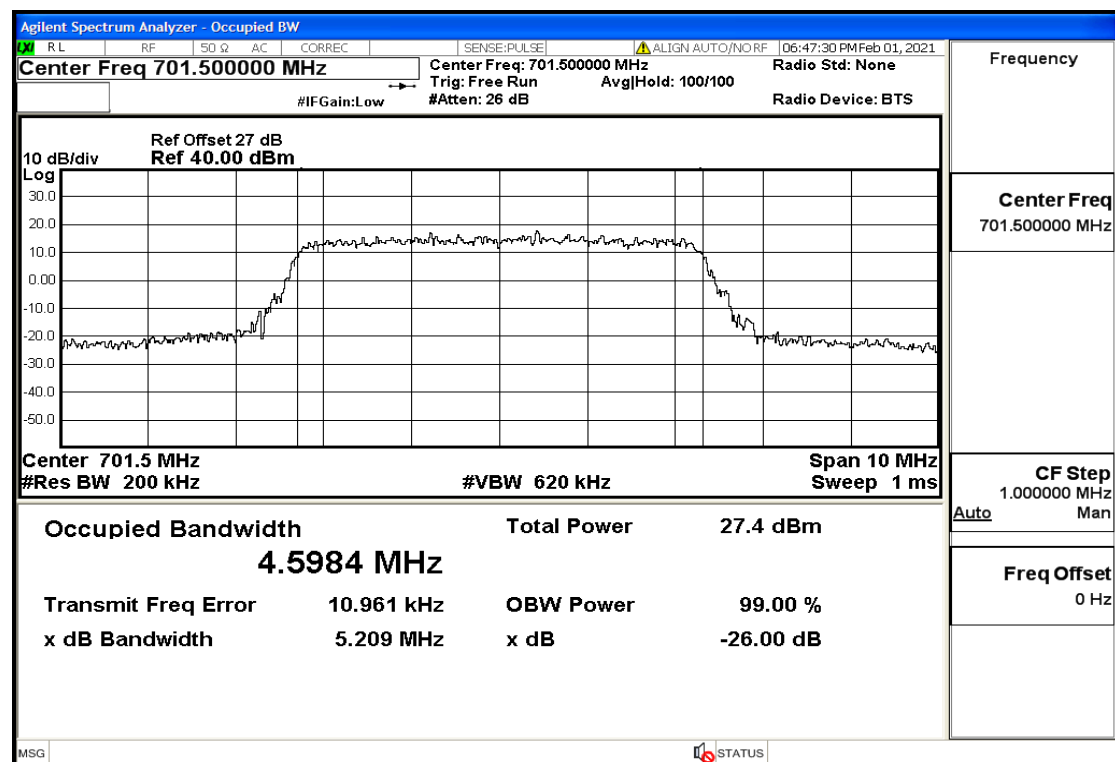
Band12-3-714.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



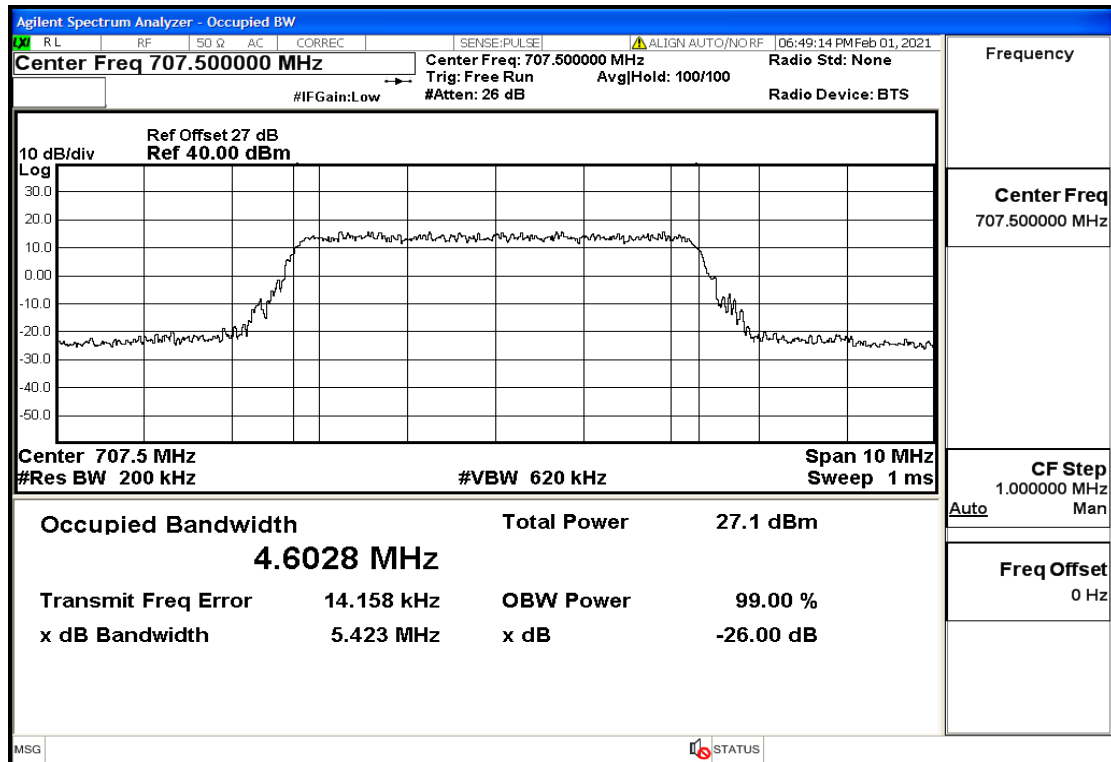
Band12-5-701.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



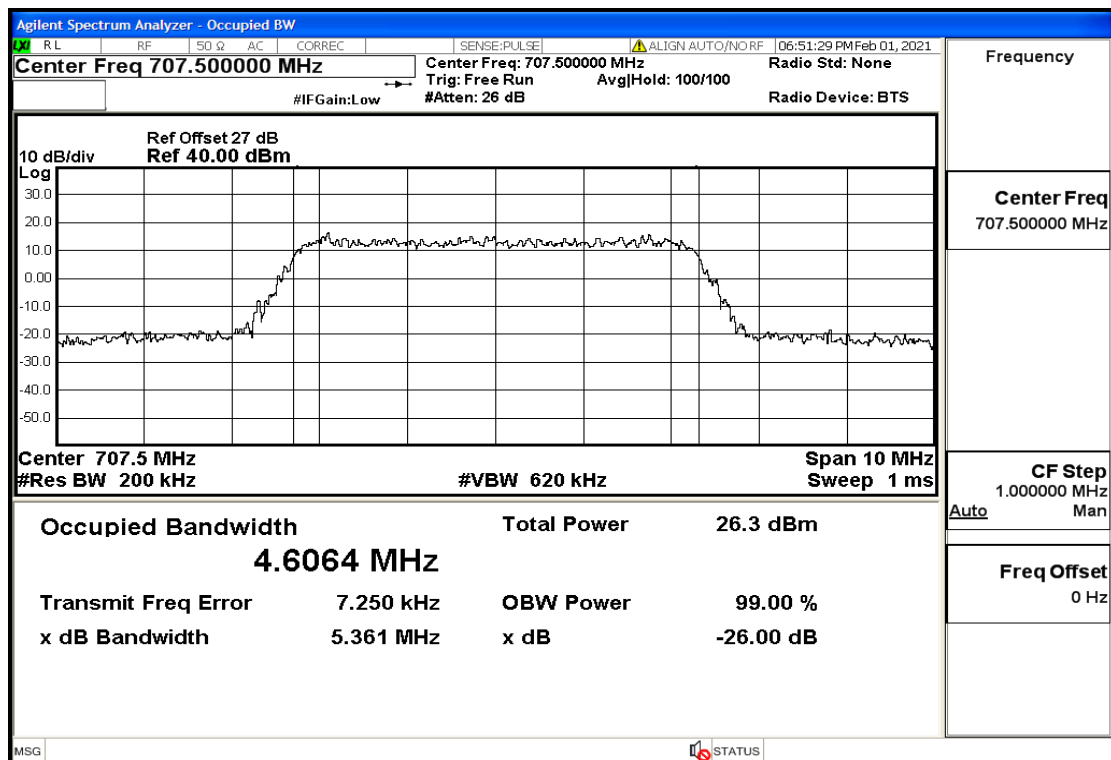
Band12-5-701.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



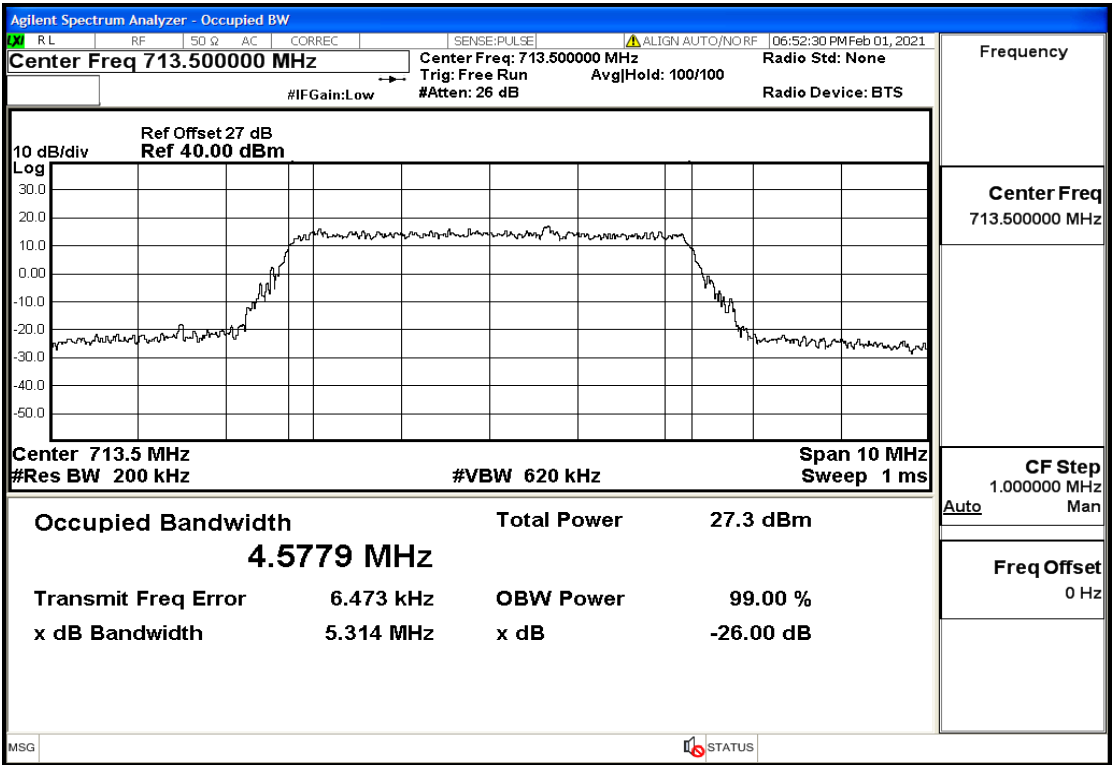
Band12-5-707.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



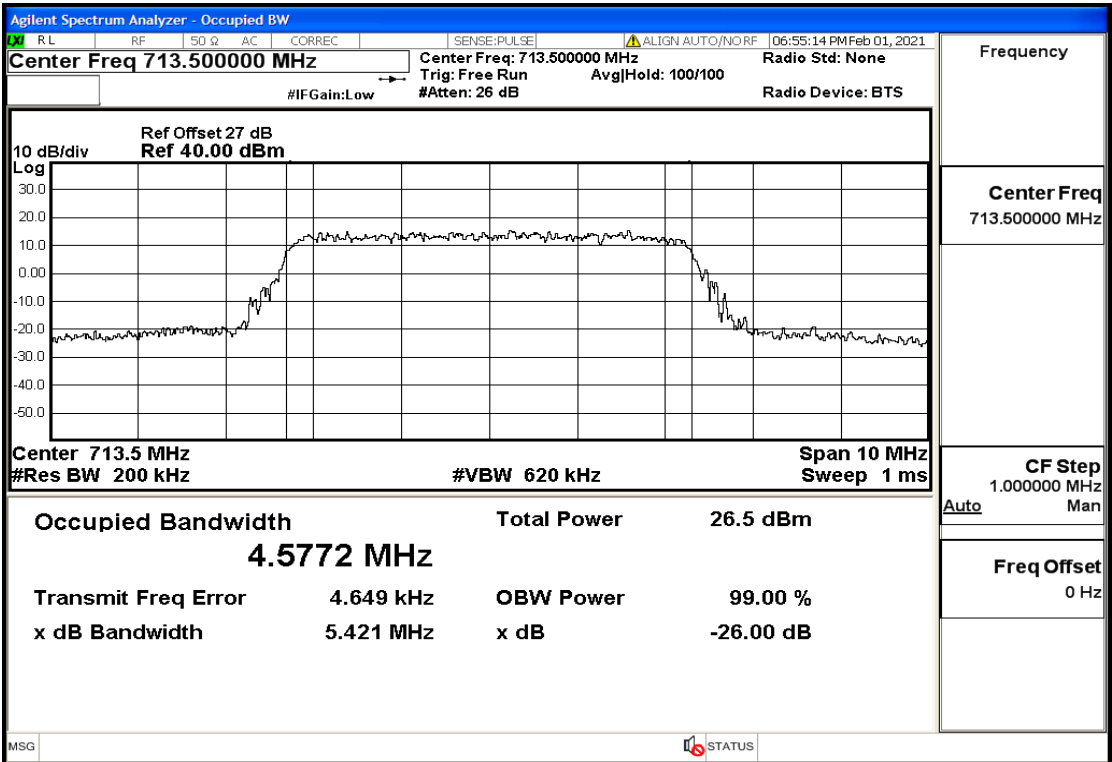
Band12-5-707.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band12-5-713.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



Band12-5-713.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0068	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0074	
-20	Normal Voltage	0.0061	
-30	Normal Voltage	0.0072	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0075	

Peak and Average Power

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Average Power	Peak Power	Peak to Average(dB)	limit(dB)	AntGain(dBi)	ERP/EIRP(dBm)	Limit(dBm)	Conclusion
Band12	1.4	699.7	QPSK	6	LOW	21.43	27.42	5.99	13	-10.0	9.28	34.8	Pass
Band12	1.4	699.7	QPSK	3	LOW	22.19	28.07	5.88	13	-10.0	10.04	34.8	Pass
Band12	1.4	699.7	QPSK	3	MID	22.13	27.99	5.86	13	-10.0	9.98	34.8	Pass
Band12	1.4	699.7	QPSK	3	HIGH	22.4	28.11	5.71	13	-10.0	10.25	34.8	Pass
Band12	1.4	699.7	QPSK	1	LOW	21.93	27.31	5.38	13	-10.0	9.78	34.8	Pass
Band12	1.4	699.7	QPSK	1	MID	22.16	27.32	5.16	13	-10.0	10.01	34.8	Pass
Band12	1.4	699.7	QPSK	1	HIGH	22.31	27.36	5.05	13	-10.0	10.16	34.8	Pass
Band12	1.4	699.7	16QAM	6	LOW	20.27	27.33	7.06	13	-10.0	8.12	34.8	Pass
Band12	1.4	699.7	16QAM	3	LOW	21.03	27.68	6.65	13	-10.0	8.88	34.8	Pass
Band12	1.4	699.7	16QAM	3	MID	20.99	27.65	6.66	13	-10.0	8.84	34.8	Pass
Band12	1.4	699.7	16QAM	3	HIGH	21.27	27.89	6.62	13	-10.0	9.12	34.8	Pass
Band12	1.4	699.7	16QAM	1	LOW	21.05	26.31	5.26	13	-10.0	8.9	34.8	Pass
Band12	1.4	699.7	16QAM	1	MID	21.39	26.52	5.13	13	-10.0	9.24	34.8	Pass
Band12	1.4	699.7	16QAM	1	HIGH	21.54	26.64	5.1	13	-10.0	9.39	34.8	Pass
Band12	1.4	707.5	QPSK	6	LOW	20.2	26.88	6.68	13	-10.0	8.05	34.8	Pass
Band12	1.4	707.5	QPSK	3	LOW	21.22	27.36	6.14	13	-10.0	9.07	34.8	Pass
Band12	1.4	707.5	QPSK	3	MID	21.18	27.33	6.15	13	-10.0	9.03	34.8	Pass
Band12	1.4	707.5	QPSK	3	HIGH	21.22	27.46	6.24	13	-10.0	9.07	34.8	Pass
Band12	1.4	707.5	QPSK	1	LOW	21.19	27.17	5.98	13	-10.0	9.04	34.8	Pass
Band12	1.4	707.5	QPSK	1	MID	21.27	27.26	5.99	13	-10.0	9.12	34.8	Pass
Band12	1.4	707.5	QPSK	1	HIGH	21.26	27.28	6.02	13	-10.0	9.11	34.8	Pass
Band12	1.4	707.5	16QAM	6	LOW	19.39	27.22	7.83	13	-10.0	7.24	34.8	Pass
Band12	1.4	707.5	16QAM	3	LOW	20.54	26.8	6.26	13	-10.0	8.39	34.8	Pass
Band12	1.4	707.5	16QAM	3	MID	20.53	26.77	6.24	13	-10.0	8.38	34.8	Pass
Band12	1.4	707.5	16QAM	3	HIGH	20.59	27.07	6.48	13	-10.0	8.44	34.8	Pass
Band12	1.4	707.5	16QAM	1	LOW	20.41	26.43	6.02	13	-10.0	8.26	34.8	Pass
Band12	1.4	707.5	16QAM	1	MID	20.45	26.48	6.03	13	-10.0	8.3	34.8	Pass
Band12	1.4	707.5	16QAM	1	HIGH	20.46	26.5	6.04	13	-10.0	8.31	34.8	Pass
Band12	1.4	715.3	QPSK	6	LOW	20.22	26	5.78	13	-10.0	8.07	34.8	Pass
Band12	1.4	715.3	QPSK	3	LOW	21.36	26.85	5.49	13	-10.0	9.21	34.8	Pass
Band12	1.4	715.3	QPSK	3	MID	21.31	26.8	5.49	13	-10.0	9.16	34.8	Pass
Band12	1.4	715.3	QPSK	3	HIGH	21.03	26.65	5.62	13	-10.0	8.88	34.8	Pass
Band12	1.4	715.3	QPSK	1	LOW	21.36	26.7	5.34	13	-10.0	9.21	34.8	Pass
Band12	1.4	715.3	QPSK	1	MID	21.12	26.4	5.28	13	-10.0	8.97	34.8	Pass
Band12	1.4	715.3	QPSK	1	HIGH	21.08	26.41	5.33	13	-10.0	8.93	34.8	Pass
Band12	1.4	715.3	16QAM	6	LOW	19.35	26.23	6.88	13	-10.0	7.2	34.8	Pass
Band12	1.4	715.3	16QAM	3	LOW	20.53	27.03	6.5	13	-10.0	8.38	34.8	Pass
Band12	1.4	715.3	16QAM	3	MID	20.51	27.01	6.5	13	-10.0	8.36	34.8	Pass
Band12	1.4	715.3	16QAM	3	HIGH	20.28	26.82	6.54	13	-10.0	8.13	34.8	Pass
Band12	1.4	715.3	16QAM	1	LOW	20.64	25.8	5.16	13	-10.0	8.49	34.8	Pass

Band12	1.4	715.3	16QAM	1	MID	20.47	25.72	5.25	13	-10.0	8.32	34.8	Pass
Band12	1.4	715.3	16QAM	1	HIGH	20.33	25.33	5	13	-10.0	8.18	34.8	Pass
Band12	3	700.5	QPSK	15	LOW	21.52	27.39	5.87	13	-10.0	9.37	34.8	Pass
Band12	3	700.5	QPSK	8	LOW	21.25	27.21	5.96	13	-10.0	9.1	34.8	Pass
Band12	3	700.5	QPSK	8	MID	21.24	27.19	5.95	13	-10.0	9.09	34.8	Pass
Band12	3	700.5	QPSK	8	HIGH	21.74	27.48	5.74	13	-10.0	9.59	34.8	Pass
Band12	3	700.5	QPSK	1	LOW	21.79	27.02	5.23	13	-10.0	9.64	34.8	Pass
Band12	3	700.5	QPSK	1	MID	22.57	27.34	4.77	13	-10.0	10.42	34.8	Pass
Band12	3	700.5	QPSK	1	HIGH	22.55	27.27	4.72	13	-10.0	10.4	34.8	Pass
Band12	3	700.5	16QAM	15	LOW	20.63	27.54	6.91	13	-10.0	8.48	34.8	Pass
Band12	3	700.5	16QAM	8	LOW	20.42	27.23	6.81	13	-10.0	8.27	34.8	Pass
Band12	3	700.5	16QAM	8	MID	20.42	27.11	6.69	13	-10.0	8.27	34.8	Pass
Band12	3	700.5	16QAM	8	HIGH	20.94	27.5	6.56	13	-10.0	8.79	34.8	Pass
Band12	3	700.5	16QAM	1	LOW	21.45	27.84	6.39	13	-10.0	9.3	34.8	Pass
Band12	3	700.5	16QAM	1	MID	22.22	27.99	5.77	13	-10.0	10.07	34.8	Pass
Band12	3	700.5	16QAM	1	HIGH	22.13	27.91	5.78	13	-10.0	9.98	34.8	Pass
Band12	3	707.5	QPSK	15	LOW	20.28	26.51	6.23	13	-10.0	8.13	34.8	Pass
Band12	3	707.5	QPSK	8	LOW	20.41	26.71	6.3	13	-10.0	8.26	34.8	Pass
Band12	3	707.5	QPSK	8	MID	20.43	26.88	6.45	13	-10.0	8.28	34.8	Pass
Band12	3	707.5	QPSK	8	HIGH	20.38	26.68	6.3	13	-10.0	8.23	34.8	Pass
Band12	3	707.5	QPSK	1	LOW	21.62	27.06	5.44	13	-10.0	9.47	34.8	Pass
Band12	3	707.5	QPSK	1	MID	21.36	27	5.64	13	-10.0	9.21	34.8	Pass
Band12	3	707.5	QPSK	1	HIGH	21.24	26.96	5.72	13	-10.0	9.09	34.8	Pass
Band12	3	707.5	16QAM	15	LOW	19.42	27.19	7.77	13	-10.0	7.27	34.8	Pass
Band12	3	707.5	16QAM	8	LOW	19.41	26.27	6.86	13	-10.0	7.26	34.8	Pass
Band12	3	707.5	16QAM	8	MID	19.44	26.24	6.8	13	-10.0	7.29	34.8	Pass
Band12	3	707.5	16QAM	8	HIGH	19.4	26.29	6.89	13	-10.0	7.25	34.8	Pass
Band12	3	707.5	16QAM	1	LOW	20.73	25.81	5.08	13	-10.0	8.58	34.8	Pass
Band12	3	707.5	16QAM	1	MID	20.51	25.55	5.04	13	-10.0	8.36	34.8	Pass
Band12	3	707.5	16QAM	1	HIGH	20.42	25.61	5.19	13	-10.0	8.27	34.8	Pass
Band12	3	714.5	QPSK	15	LOW	20.4	27.15	6.75	13	-10.0	8.25	34.8	Pass
Band12	3	714.5	QPSK	8	LOW	20.58	26.84	6.26	13	-10.0	8.43	34.8	Pass
Band12	3	714.5	QPSK	8	MID	20.57	27.08	6.51	13	-10.0	8.42	34.8	Pass
Band12	3	714.5	QPSK	8	HIGH	20.32	26.76	6.44	13	-10.0	8.17	34.8	Pass
Band12	3	714.5	QPSK	1	LOW	21.52	26.89	5.37	13	-10.0	9.37	34.8	Pass
Band12	3	714.5	QPSK	1	MID	21.48	26.75	5.27	13	-10.0	9.33	34.8	Pass
Band12	3	714.5	QPSK	1	HIGH	20.94	26.19	5.25	13	-10.0	8.79	34.8	Pass
Band12	3	714.5	16QAM	15	LOW	19.57	26.79	7.22	13	-10.0	7.42	34.8	Pass
Band12	3	714.5	16QAM	8	LOW	19.78	26.41	6.63	13	-10.0	7.63	34.8	Pass
Band12	3	714.5	16QAM	8	MID	19.79	26.52	6.73	13	-10.0	7.64	34.8	Pass
Band12	3	714.5	16QAM	8	HIGH	19.54	26.22	6.68	13	-10.0	7.39	34.8	Pass
Band12	3	714.5	16QAM	1	LOW	20.83	26.15	5.32	13	-10.0	8.68	34.8	Pass
Band12	3	714.5	16QAM	1	MID	20.82	26.02	5.2	13	-10.0	8.67	34.8	Pass
Band12	3	714.5	16QAM	1	HIGH	20.29	25.51	5.22	13	-10.0	8.14	34.8	Pass
Band12	5	701.5	QPSK	25	LOW	21.45	27.73	6.28	13	-10.0	9.3	34.8	Pass
Band12	5	701.5	QPSK	12	LOW	21.42	27.22	5.8	13	-10.0	9.27	34.8	Pass

Band12	5	701.5	QPSK	12	MID	21.41	27.14	5.73	13	-10.0	9.26	34.8	Pass
Band12	5	701.5	QPSK	12	HIGH	21.55	27.23	5.68	13	-10.0	9.4	34.8	Pass
Band12	5	701.5	QPSK	1	LOW	21.75	28.21	6.46	13	-10.0	9.6	34.8	Pass
Band12	5	701.5	QPSK	1	MID	22.72	28.21	5.49	13	-10.0	10.57	34.8	Pass
Band12	5	701.5	QPSK	1	HIGH	22.04	27.97	5.93	13	-10.0	9.89	34.8	Pass
Band12	5	701.5	16QAM	25	LOW	20.57	27.51	6.94	13	-10.0	8.42	34.8	Pass
Band12	5	701.5	16QAM	12	LOW	20.39	27.55	7.16	13	-10.0	8.24	34.8	Pass
Band12	5	701.5	16QAM	12	MID	20.39	27.57	7.18	13	-10.0	8.24	34.8	Pass
Band12	5	701.5	16QAM	12	HIGH	20.54	27.46	6.92	13	-10.0	8.39	34.8	Pass
Band12	5	701.5	16QAM	1	LOW	20.74	26.63	5.89	13	-10.0	8.59	34.8	Pass
Band12	5	701.5	16QAM	1	MID	21.72	27.05	5.33	13	-10.0	9.57	34.8	Pass
Band12	5	701.5	16QAM	1	HIGH	21.1	26.82	5.72	13	-10.0	8.95	34.8	Pass
Band12	5	707.5	QPSK	25	LOW	20.38	26.77	6.39	13	-10.0	8.23	34.8	Pass
Band12	5	707.5	QPSK	12	LOW	20.57	27.3	6.73	13	-10.0	8.42	34.8	Pass
Band12	5	707.5	QPSK	12	MID	20.58	27.29	6.71	13	-10.0	8.43	34.8	Pass
Band12	5	707.5	QPSK	12	HIGH	20.36	27.01	6.65	13	-10.0	8.21	34.8	Pass
Band12	5	707.5	QPSK	1	LOW	21.7	27.04	5.34	13	-10.0	9.55	34.8	Pass
Band12	5	707.5	QPSK	1	MID	21.4	26.87	5.47	13	-10.0	9.25	34.8	Pass
Band12	5	707.5	QPSK	1	HIGH	21.28	27.02	5.74	13	-10.0	9.13	34.8	Pass
Band12	5	707.5	16QAM	25	LOW	19.47	27.05	7.58	13	-10.0	7.32	34.8	Pass
Band12	5	707.5	16QAM	12	LOW	19.62	26.44	6.82	13	-10.0	7.47	34.8	Pass
Band12	5	707.5	16QAM	12	MID	19.65	26.55	6.9	13	-10.0	7.5	34.8	Pass
Band12	5	707.5	16QAM	12	HIGH	19.47	26.55	7.08	13	-10.0	7.32	34.8	Pass
Band12	5	707.5	16QAM	1	LOW	20.93	26.81	5.88	13	-10.0	8.78	34.8	Pass
Band12	5	707.5	16QAM	1	MID	20.7	26.64	5.94	13	-10.0	8.55	34.8	Pass
Band12	5	707.5	16QAM	1	HIGH	20.62	26.8	6.18	13	-10.0	8.47	34.8	Pass
Band12	5	713.5	QPSK	25	LOW	20.4	26.67	6.27	13	-10.0	8.25	34.8	Pass
Band12	5	713.5	QPSK	12	LOW	20.48	26.6	6.12	13	-10.0	8.33	34.8	Pass
Band12	5	713.5	QPSK	12	MID	20.48	26.46	5.98	13	-10.0	8.33	34.8	Pass
Band12	5	713.5	QPSK	12	HIGH	20.36	26.42	6.06	13	-10.0	8.21	34.8	Pass
Band12	5	713.5	QPSK	1	LOW	21.23	27.12	5.89	13	-10.0	9.08	34.8	Pass
Band12	5	713.5	QPSK	1	MID	21.53	27.05	5.52	13	-10.0	9.38	34.8	Pass
Band12	5	713.5	QPSK	1	HIGH	20.79	26.51	5.72	13	-10.0	8.64	34.8	Pass
Band12	5	713.5	16QAM	25	LOW	19.57	27.21	7.64	13	-10.0	7.42	34.8	Pass
Band12	5	713.5	16QAM	12	LOW	19.59	26.45	6.86	13	-10.0	7.44	34.8	Pass
Band12	5	713.5	16QAM	12	MID	19.6	26.67	7.07	13	-10.0	7.45	34.8	Pass
Band12	5	713.5	16QAM	12	HIGH	19.52	26.32	6.8	13	-10.0	7.37	34.8	Pass
Band12	5	713.5	16QAM	1	LOW	20.38	27.1	6.72	13	-10.0	8.23	34.8	Pass
Band12	5	713.5	16QAM	1	MID	20.73	27.1	6.37	13	-10.0	8.58	34.8	Pass
Band12	5	713.5	16QAM	1	HIGH	20.02	26.55	6.53	13	-10.0	7.87	34.8	Pass