

RF Test Data for LTE (Conducted Measurement)

Product Name: 4G Mobile Phone

Trade Mark: GYRO

Test Model: S6001

FCC ID: 2AYVXFIRTSS6001

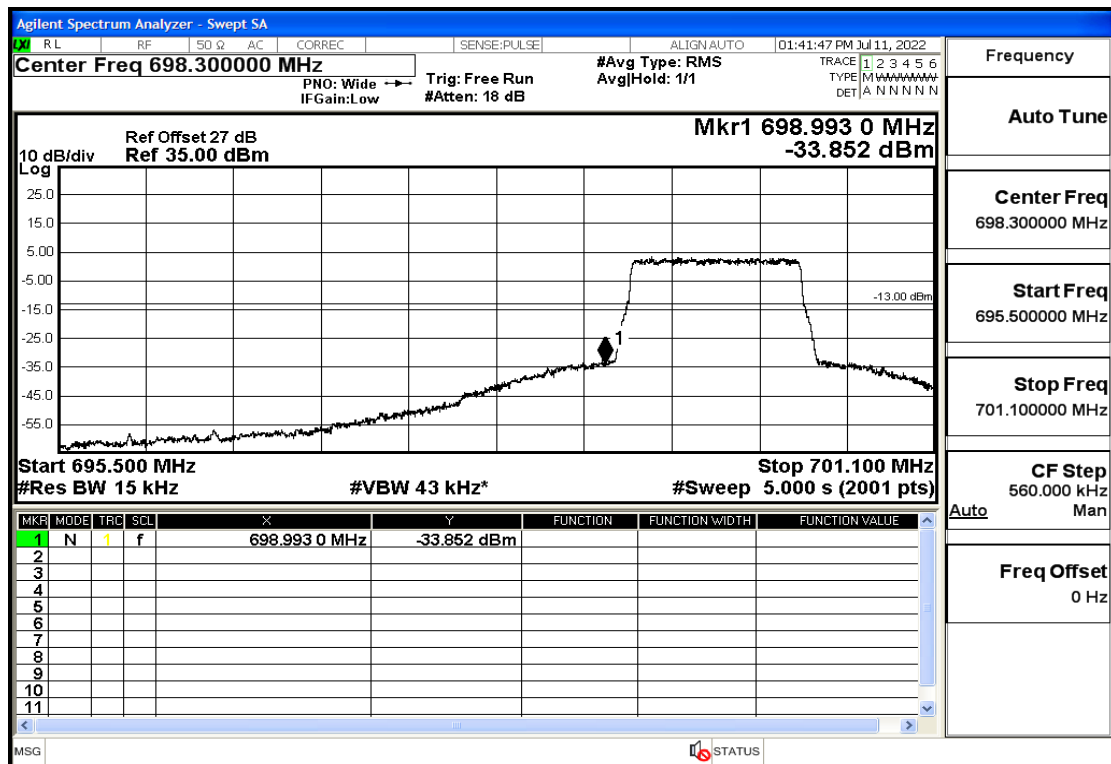
Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band12

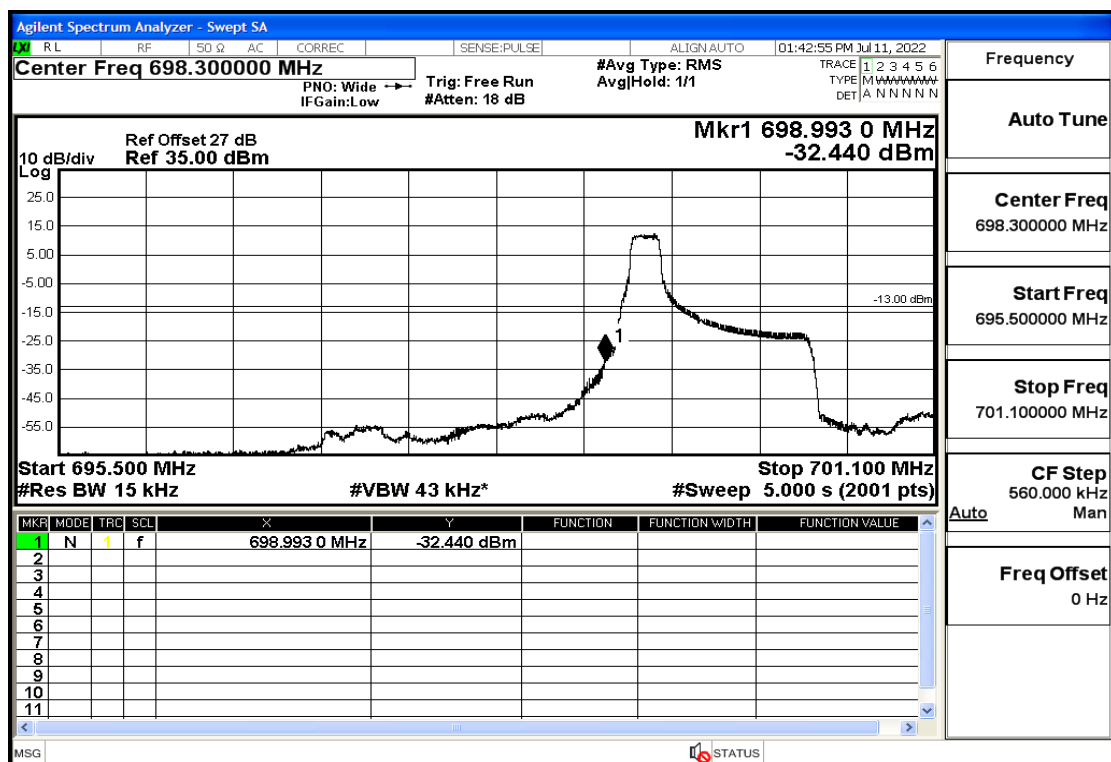
Band Edge and Emission Mask

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	10	704	QPSK	50	LOW	Pass
Band12	10	704	QPSK	1	LOW	Pass
Band12	10	704	16QAM	50	LOW	Pass
Band12	10	704	16QAM	1	LOW	Pass
Band12	10	711	QPSK	50	LOW	Pass
Band12	10	711	QPSK	1	HIGH	Pass
Band12	10	711	16QAM	50	LOW	Pass
Band12	10	711	16QAM	1	HIGH	Pass

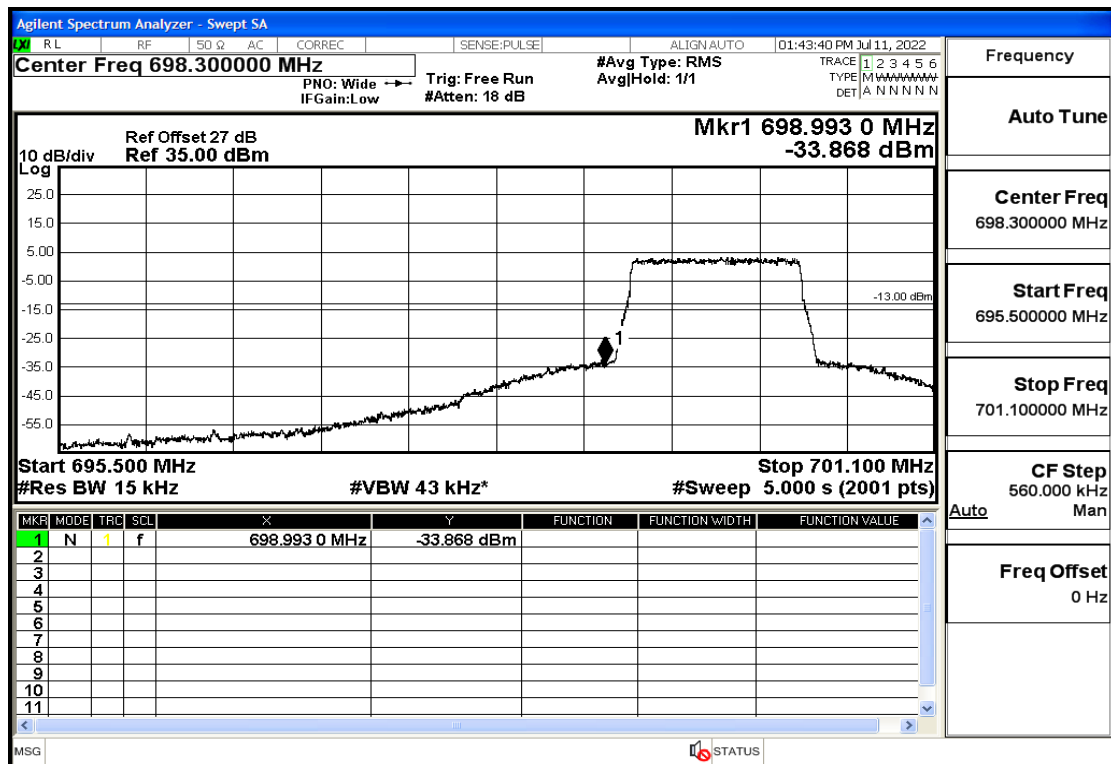
Band12-1.4-699.7-QPSK-6#LOW@Pass



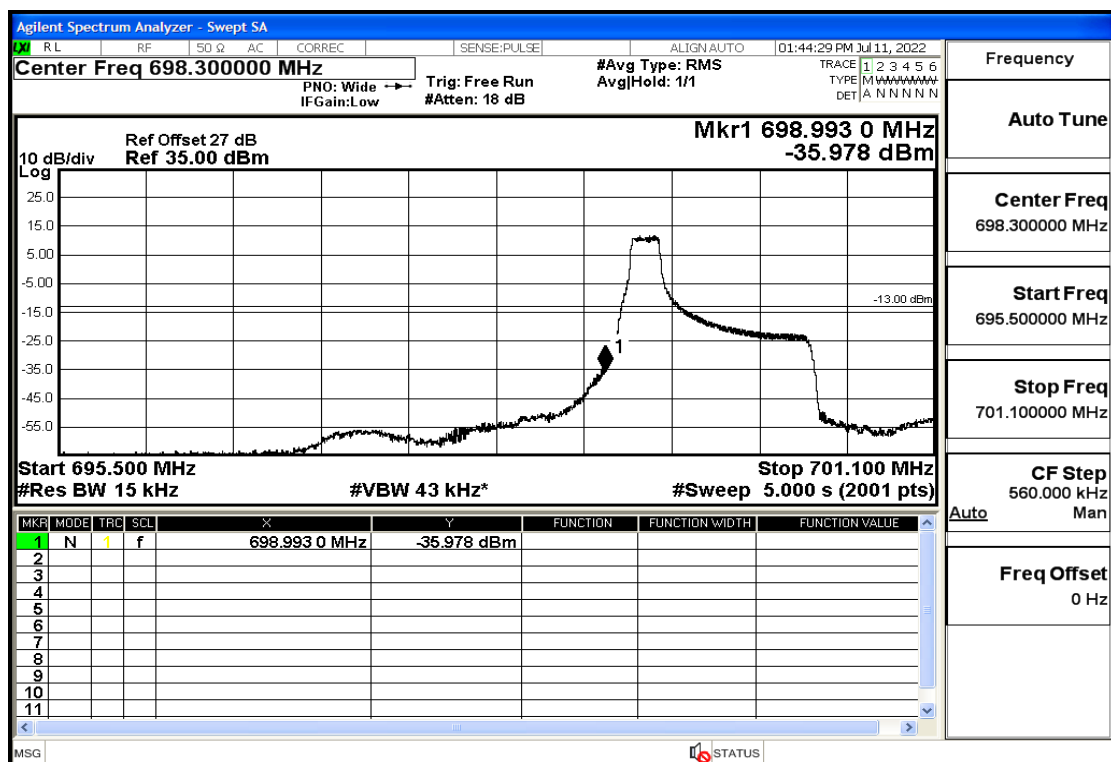
Band12-1.4-699.7-QPSK-1#LOW@Pass



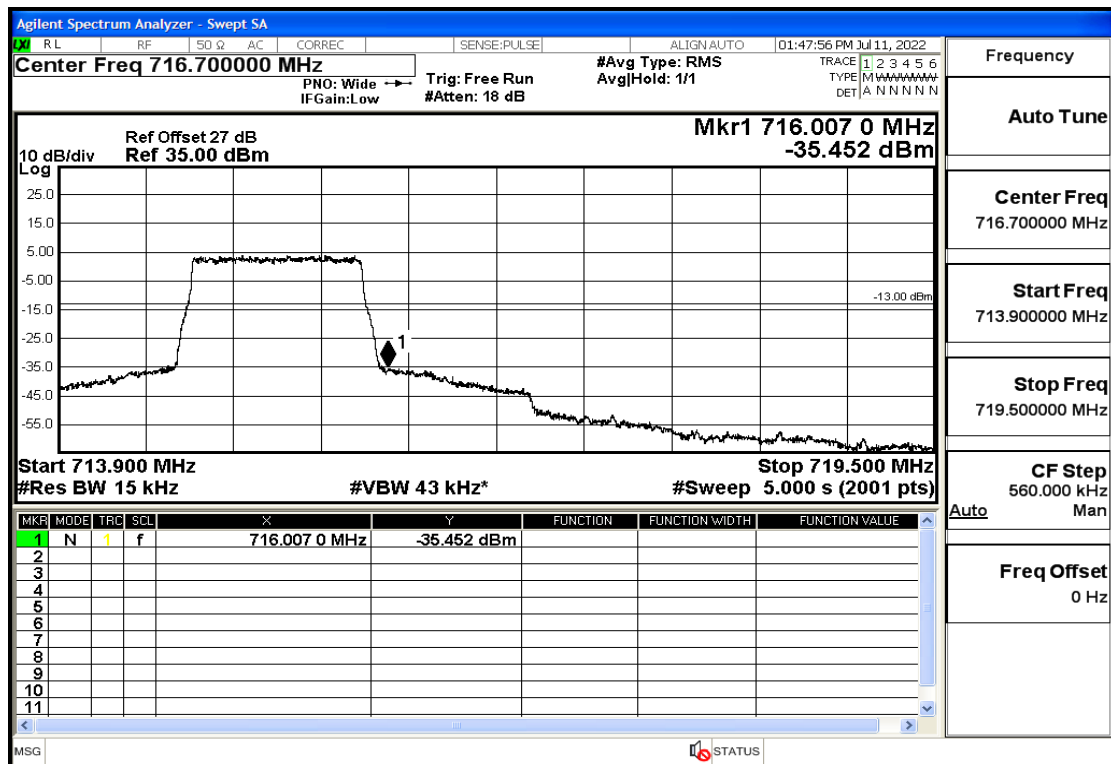
Band12-1.4-699.7-16QAM-6#LOW@Pass



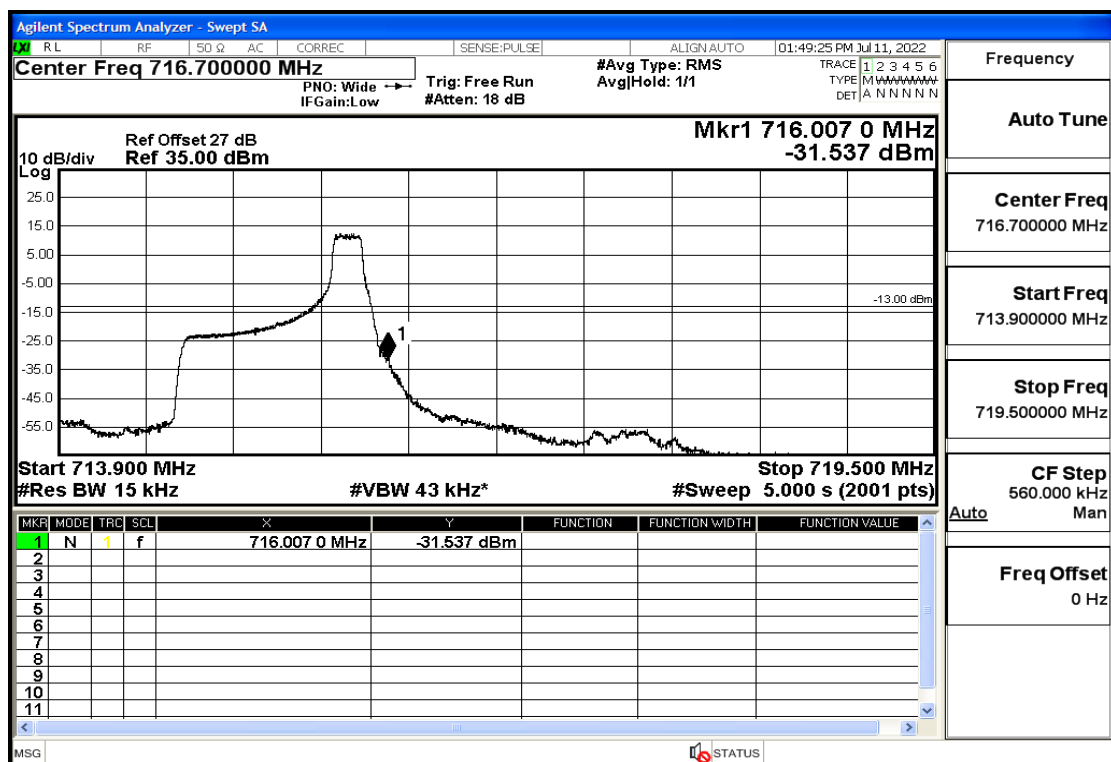
Band12-1.4-699.7-16QAM-1#LOW@Pass



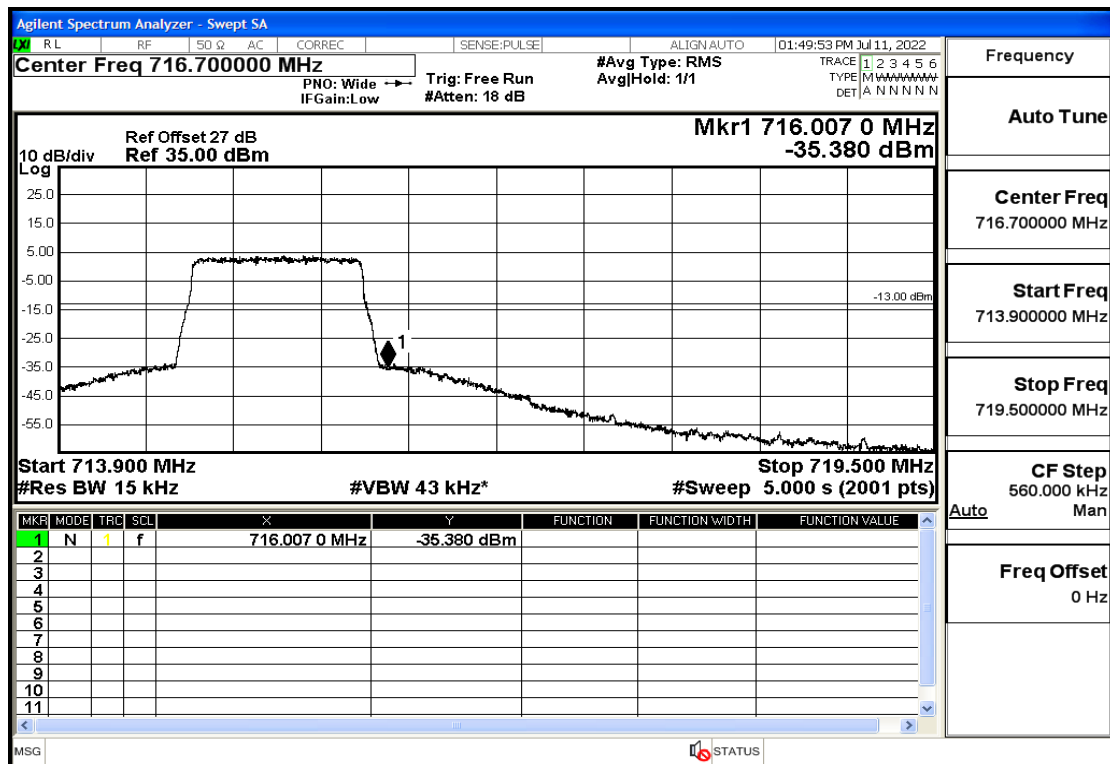
Band12-1.4-715.3-QPSK-6#LOW@Pass



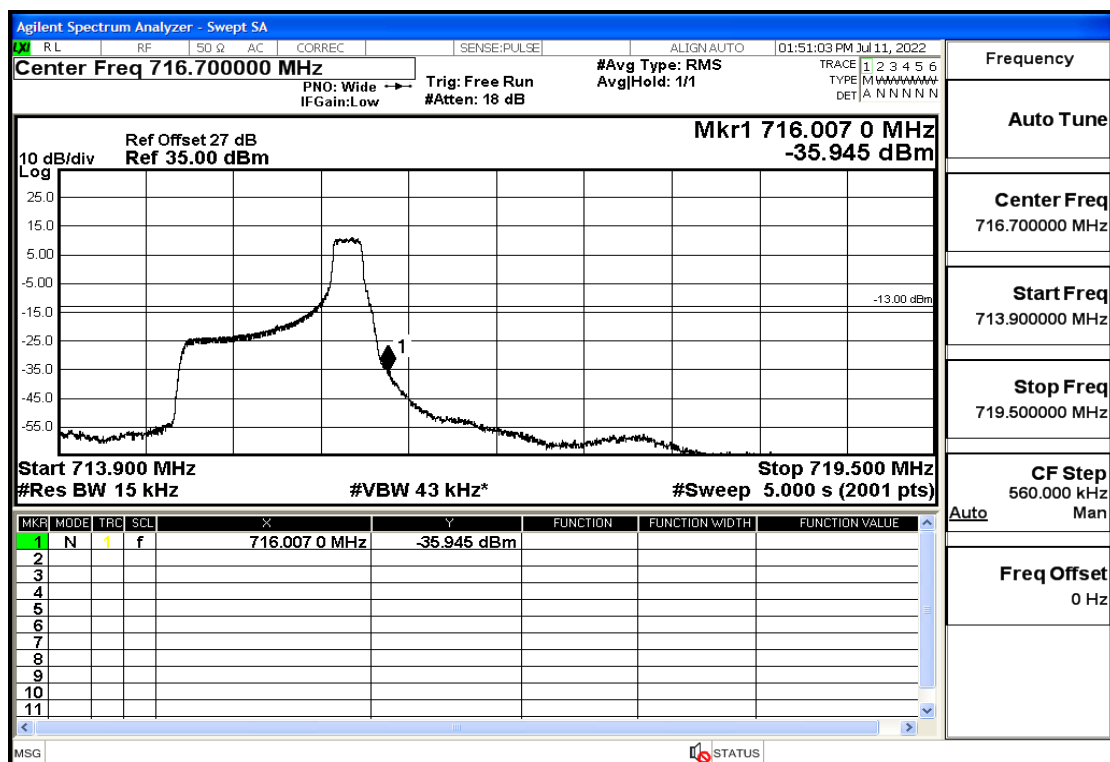
Band12-1.4-715.3-QPSK-1#HIGH@Pass



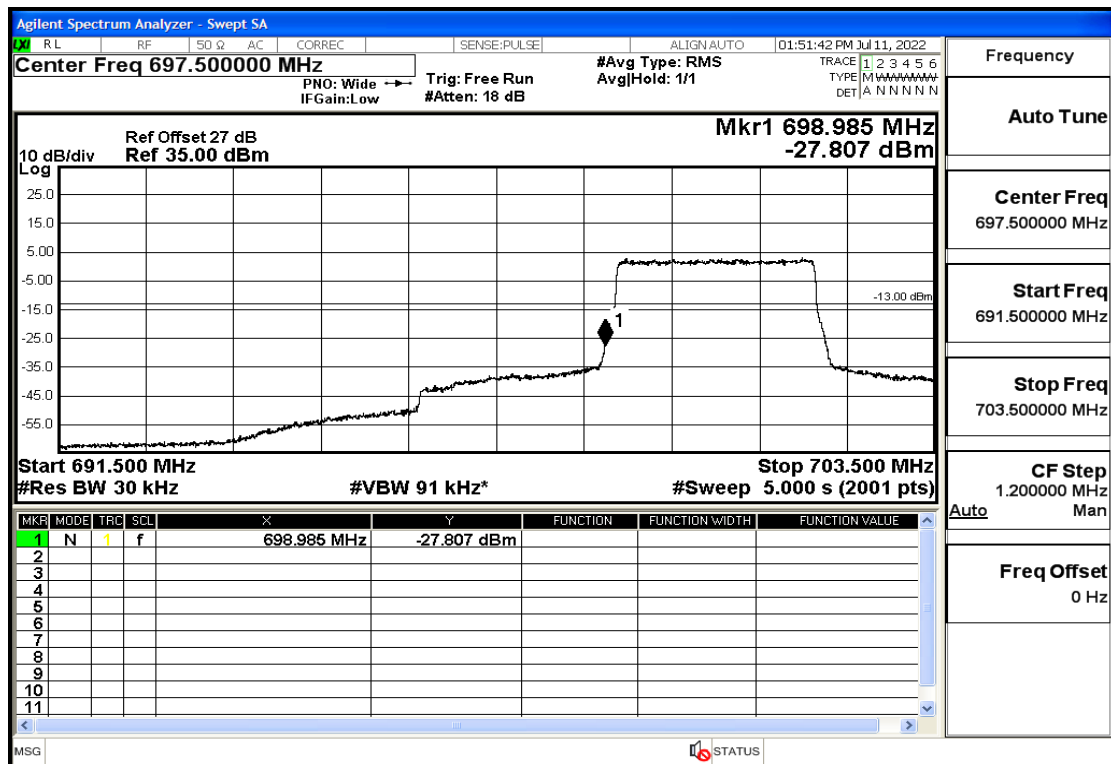
Band12-1.4-715.3-16QAM-6#LOW@Pass



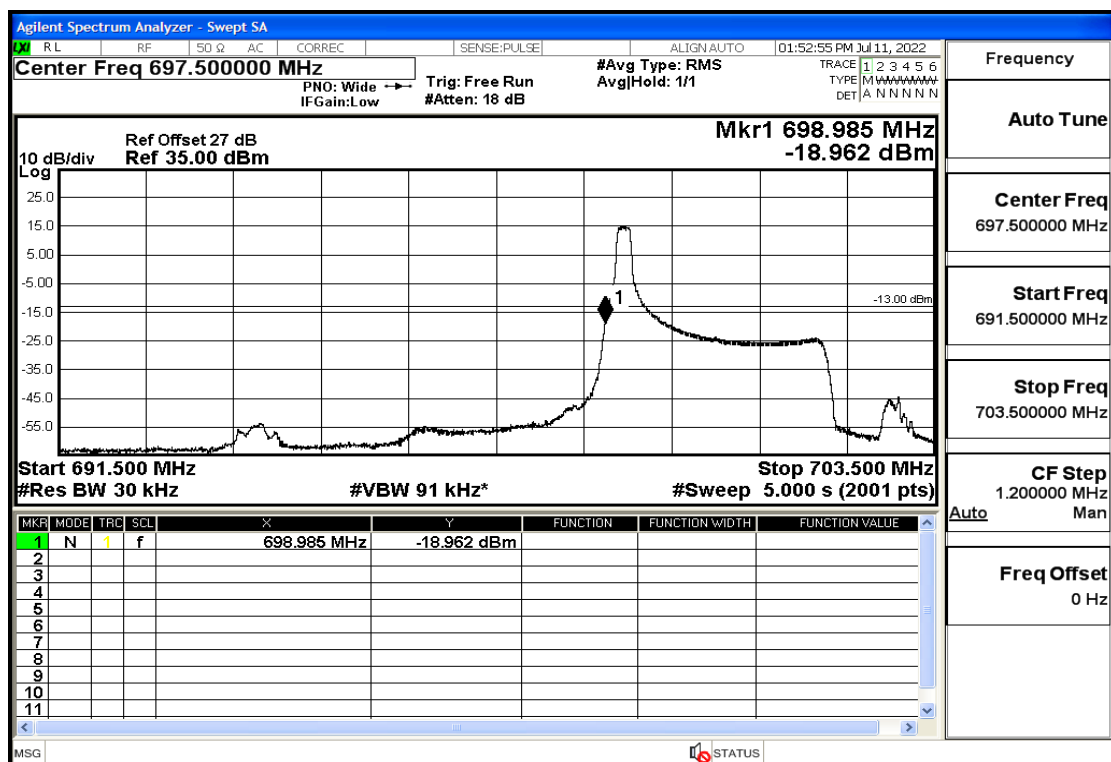
Band12-1.4-715.3-16QAM-1#HIGH@Pass



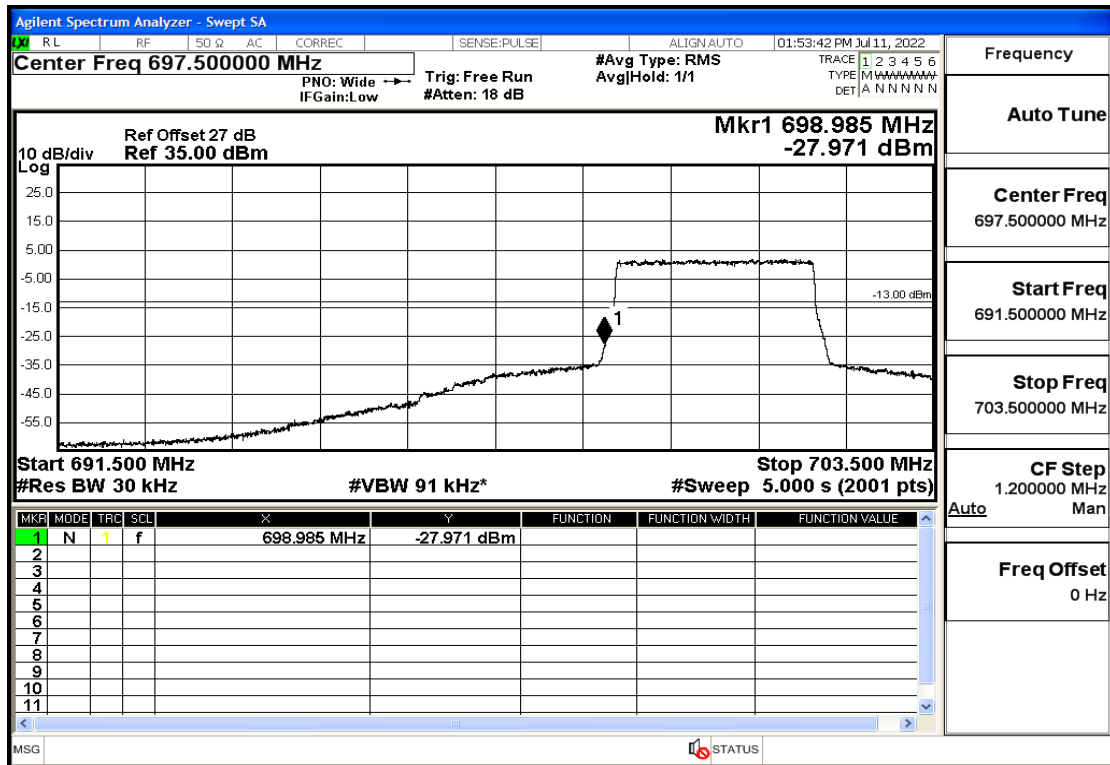
Band12-3-700.5-QPSK-15#LOW@Pass



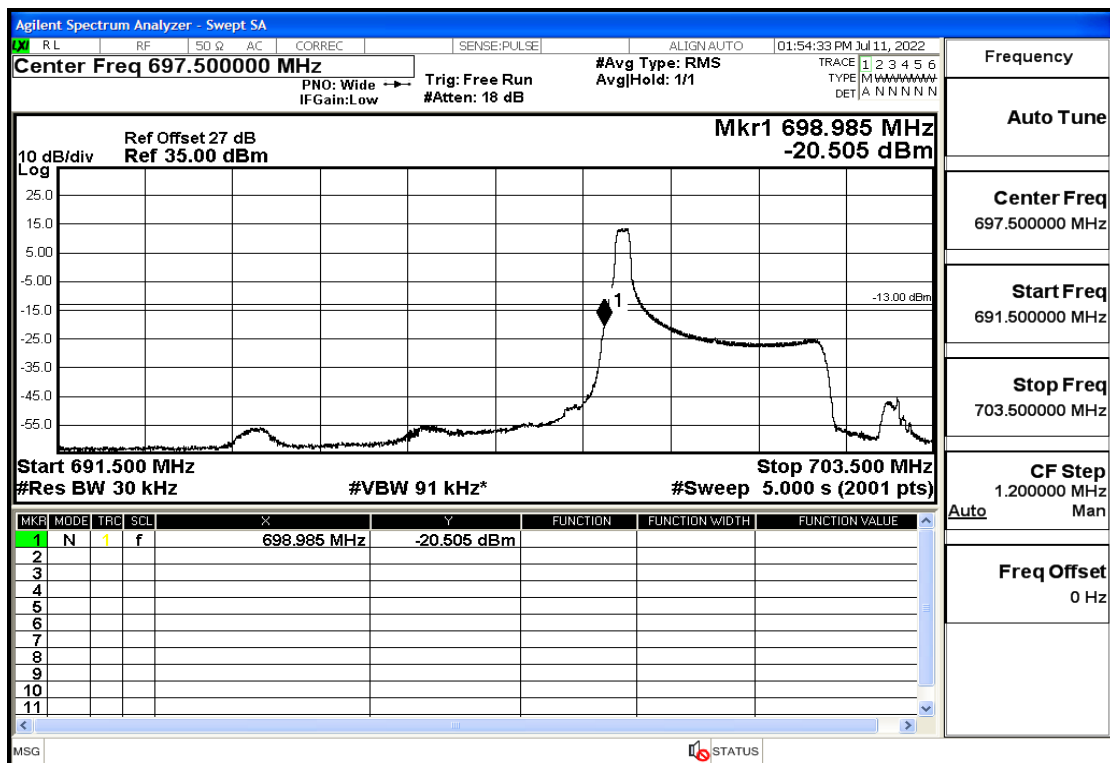
Band12-3-700.5-QPSK-1#LOW@Pass



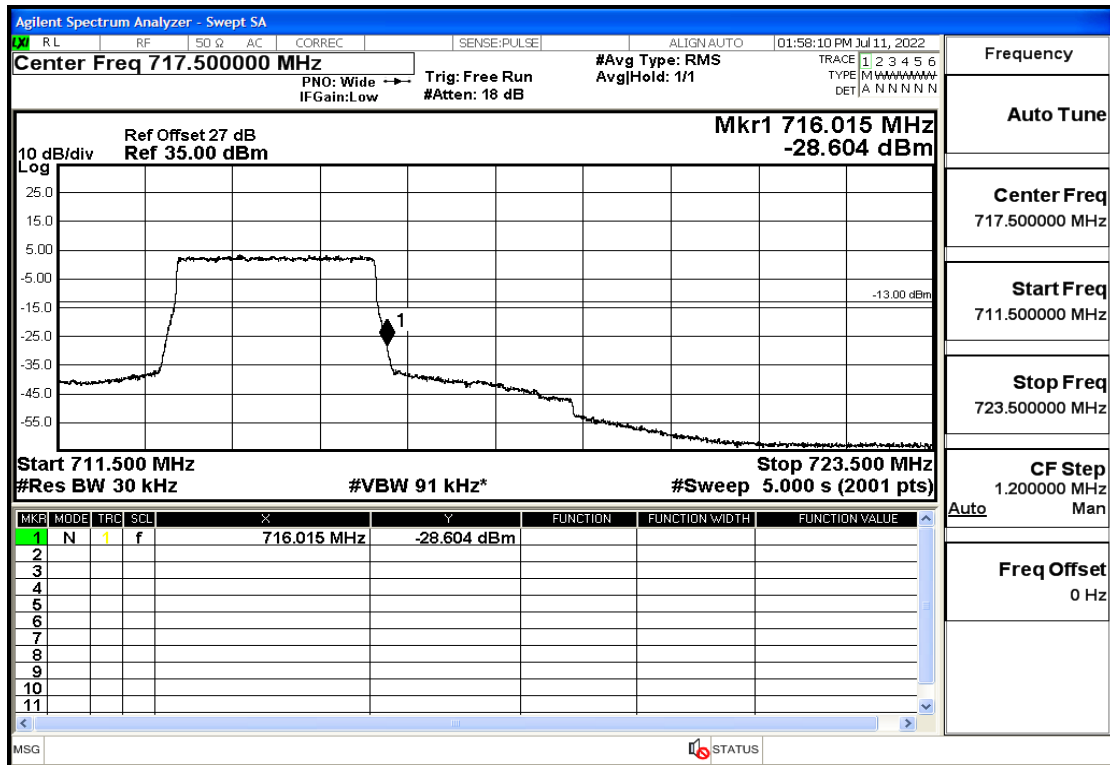
Band12-3-700.5-16QAM-15#LOW@Pass



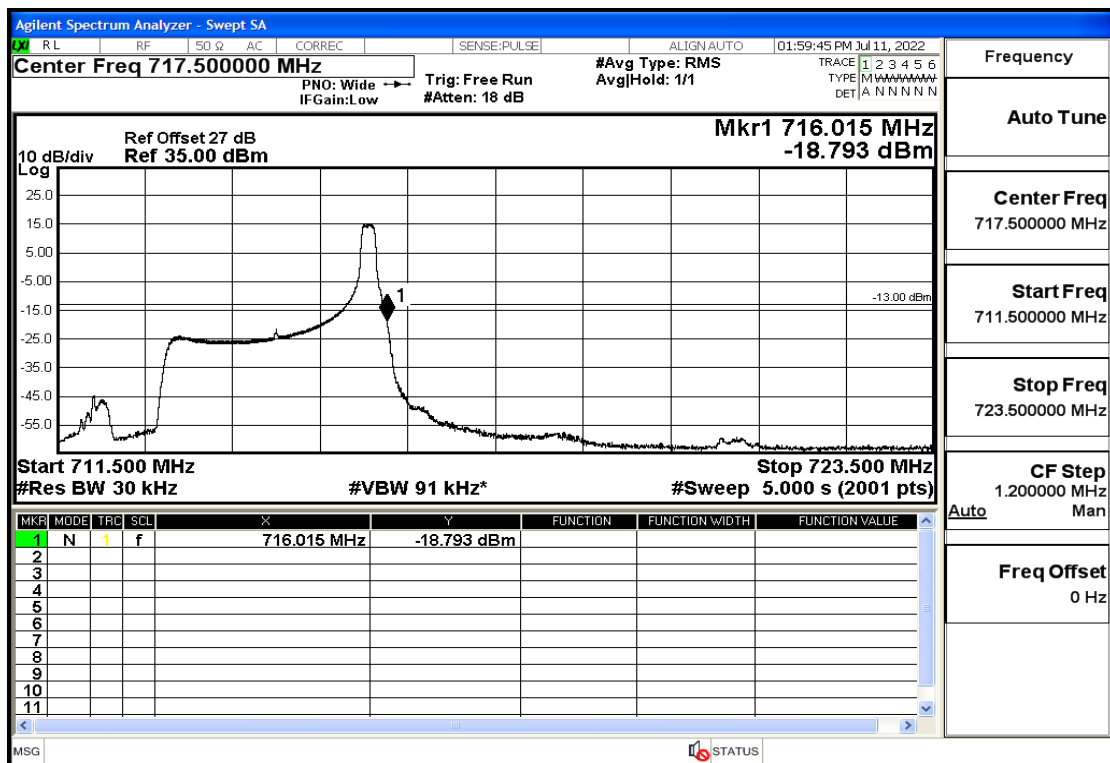
Band12-3-700.5-16QAM-1#LOW@Pass



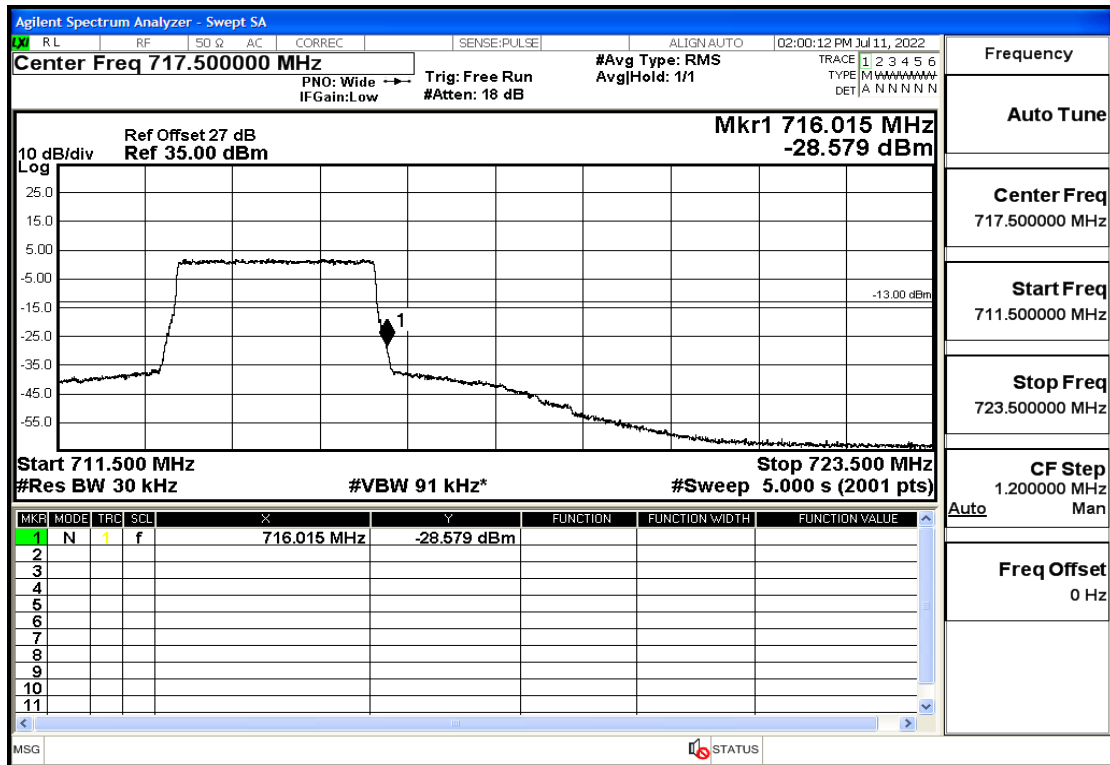
Band12-3-714.5-QPSK-15#LOW@Pass



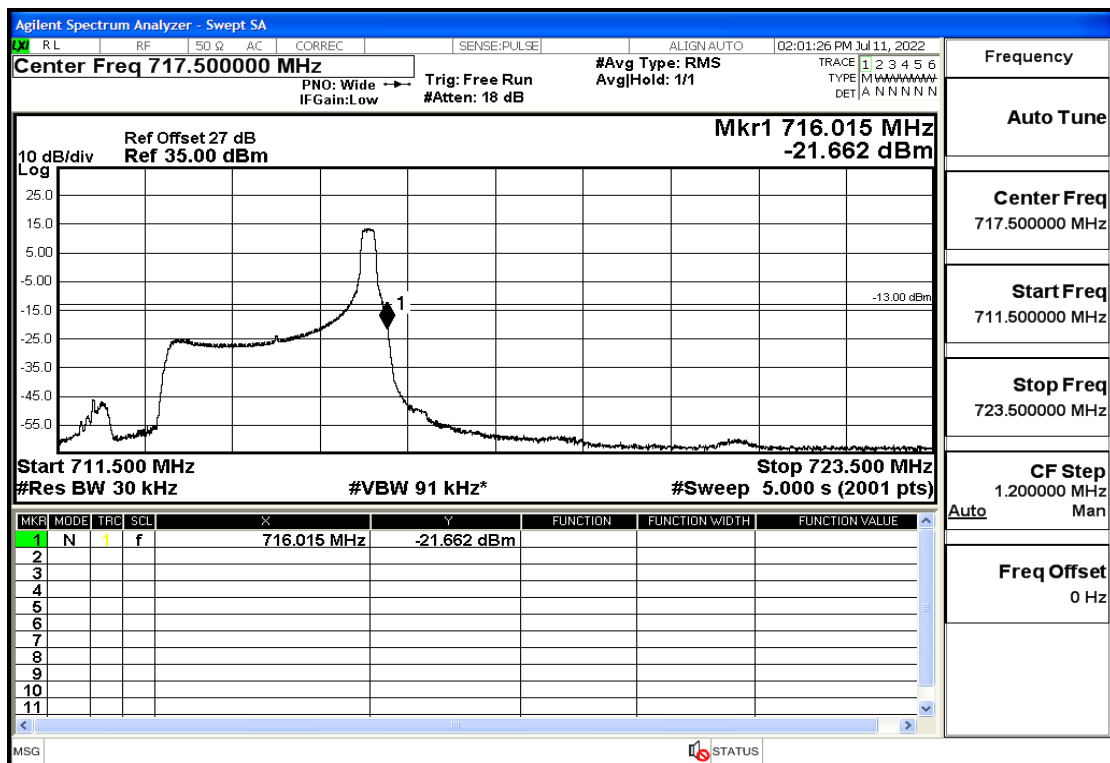
Band12-3-714.5-QPSK-1#HIGH@Pass



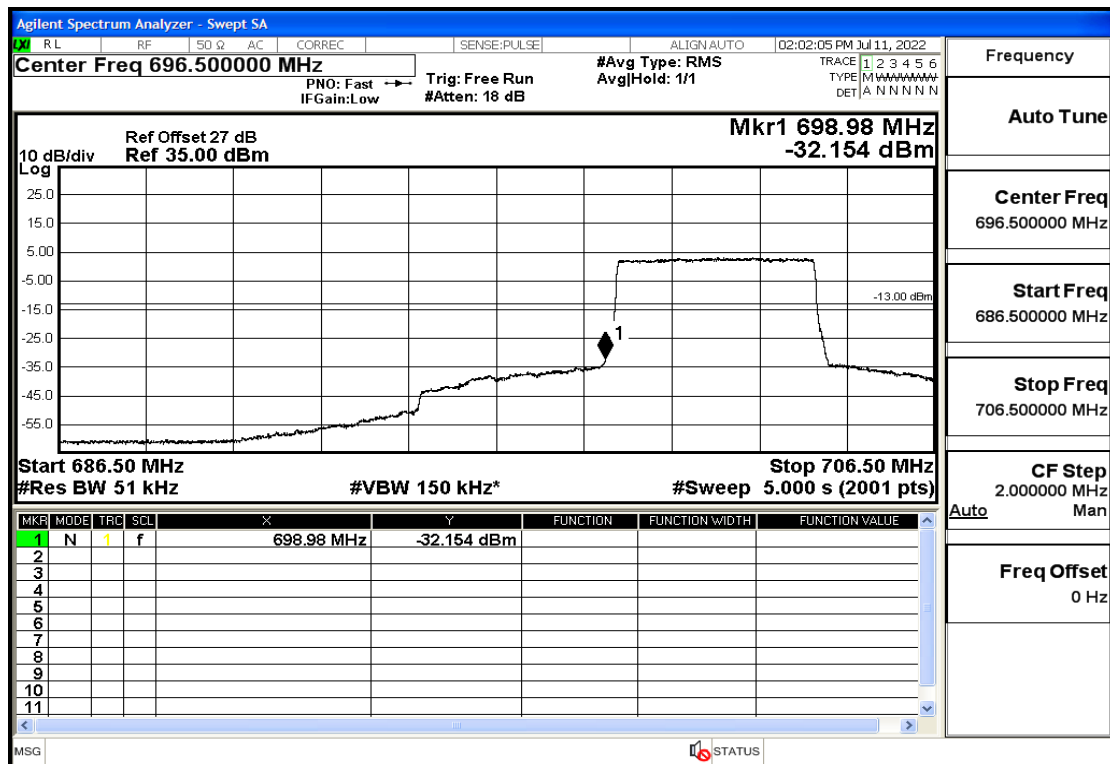
Band12-3-714.5-16QAM-15#LOW@Pass



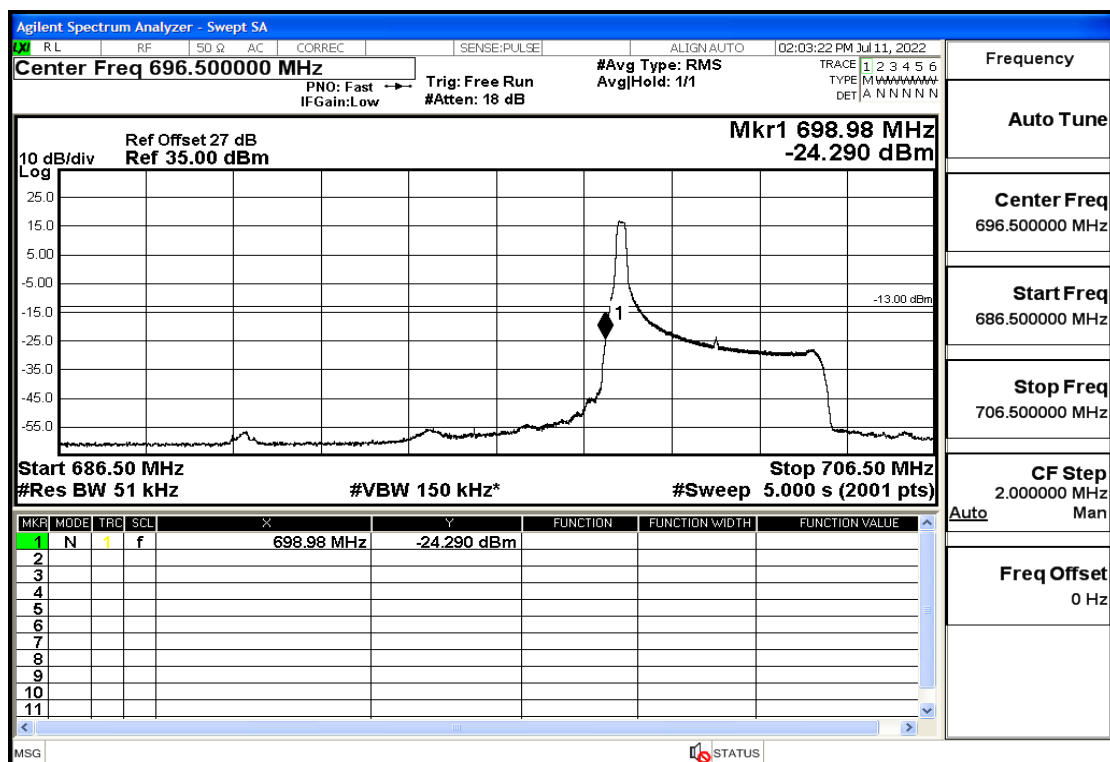
Band12-3-714.5-16QAM-1#HIGH@Pass



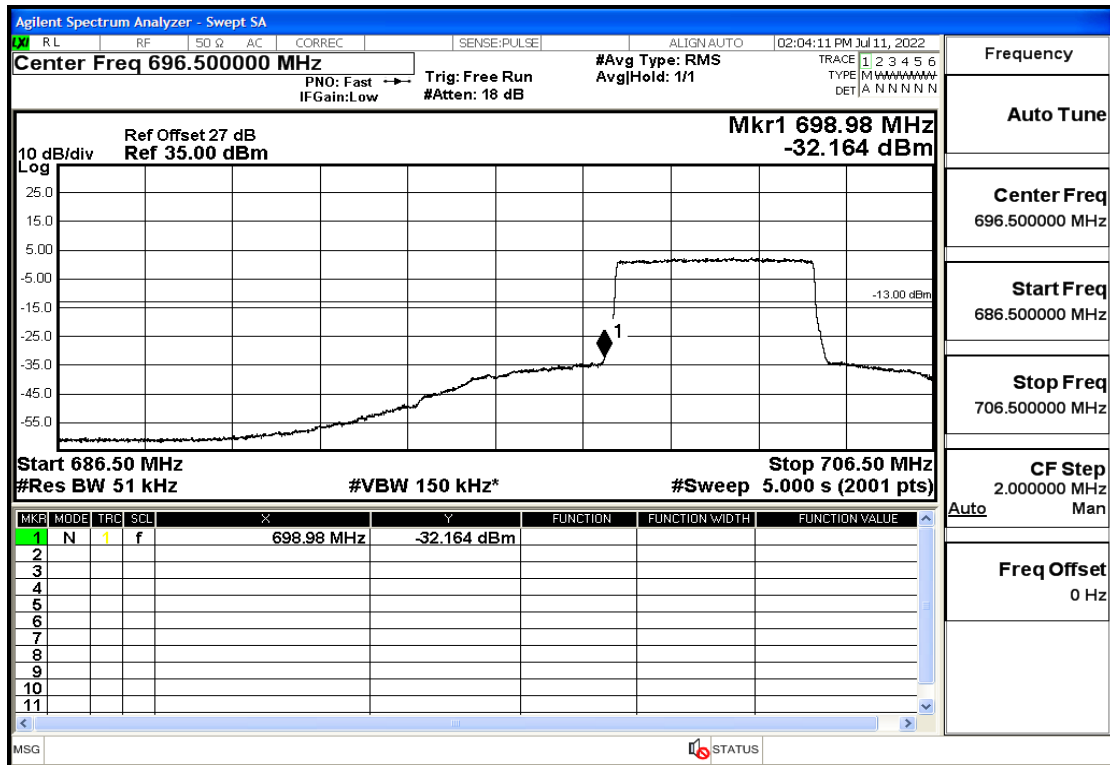
Band12-5-701.5-QPSK-25#LOW@Pass



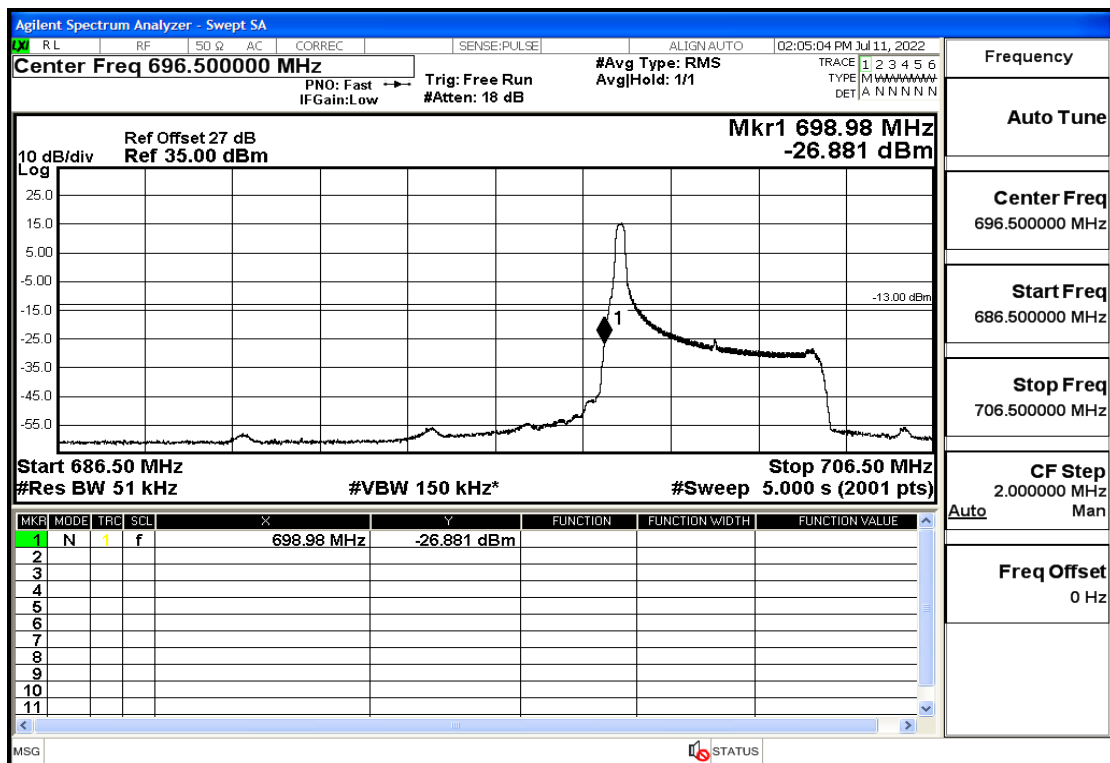
Band12-5-701.5-QPSK-1#LOW@Pass



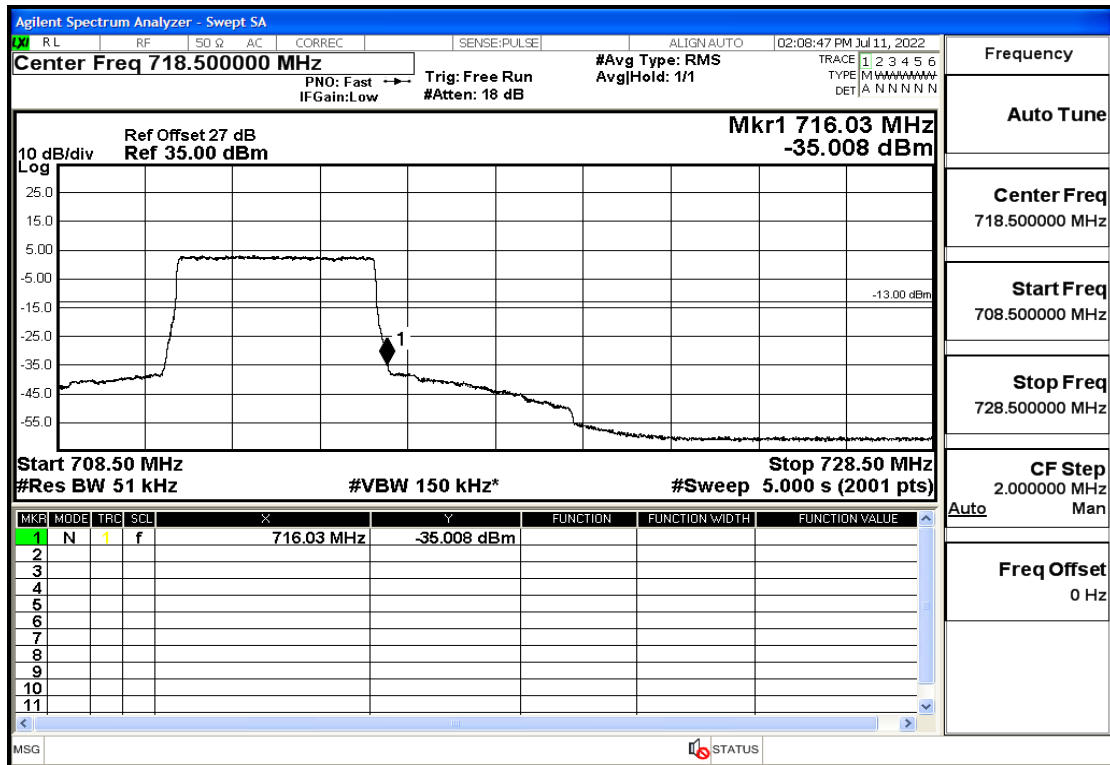
Band12-5-701.5-16QAM-25#LOW@Pass



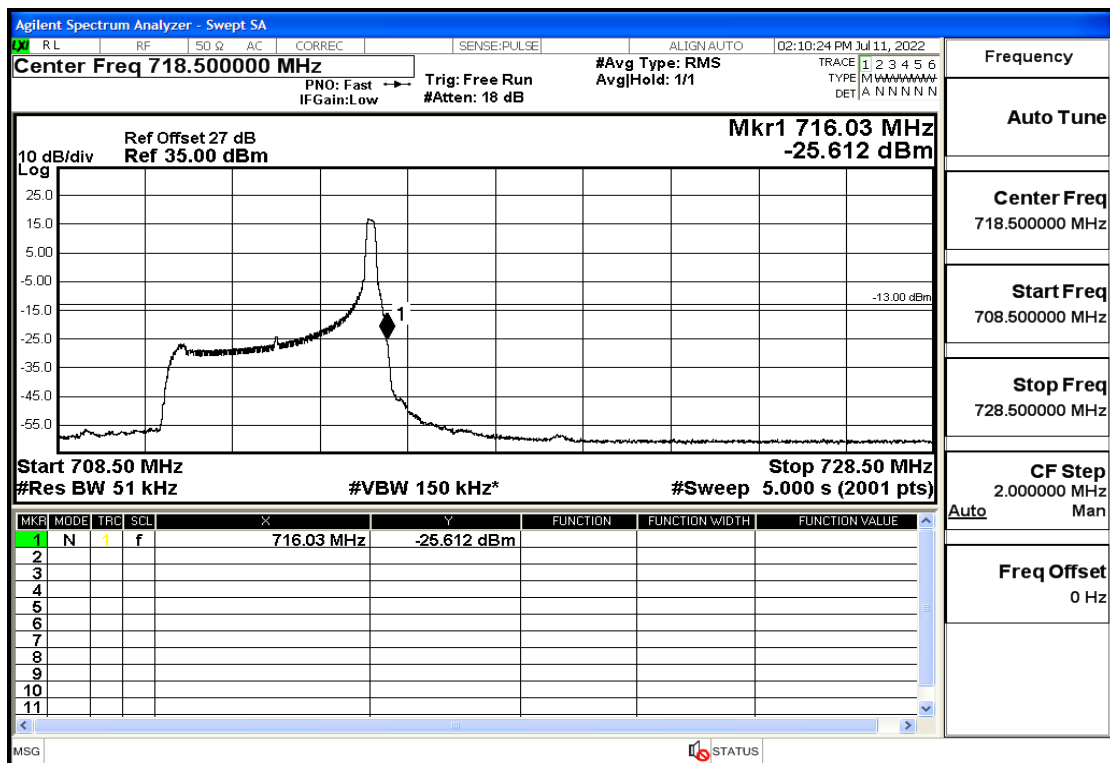
Band12-5-701.5-16QAM-1#LOW@Pass



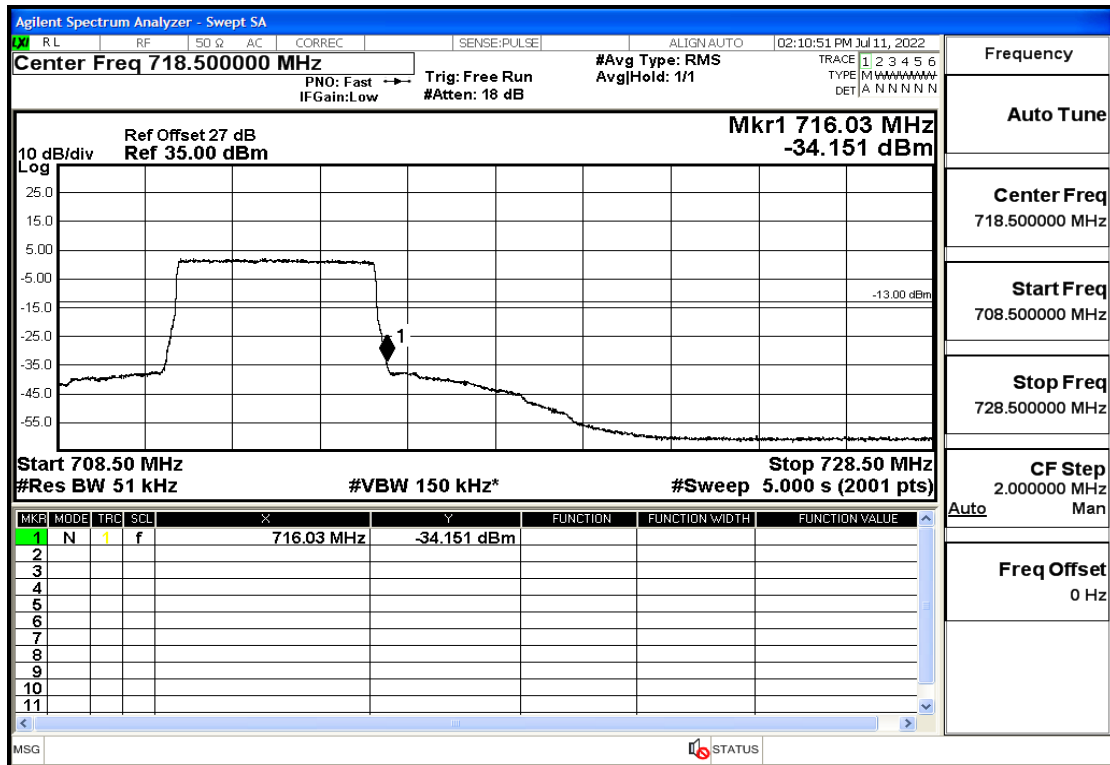
Band12-5-713.5-QPSK-25#LOW@Pass



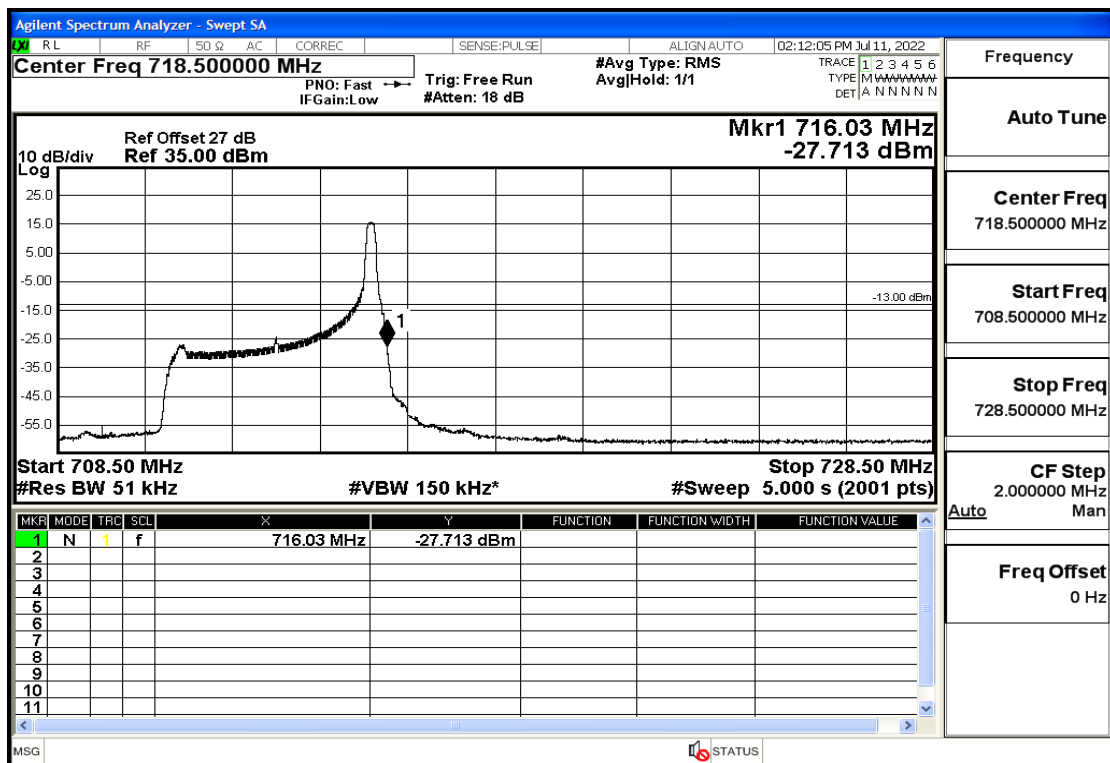
Band12-5-713.5-QPSK-1#HIGH@Pass



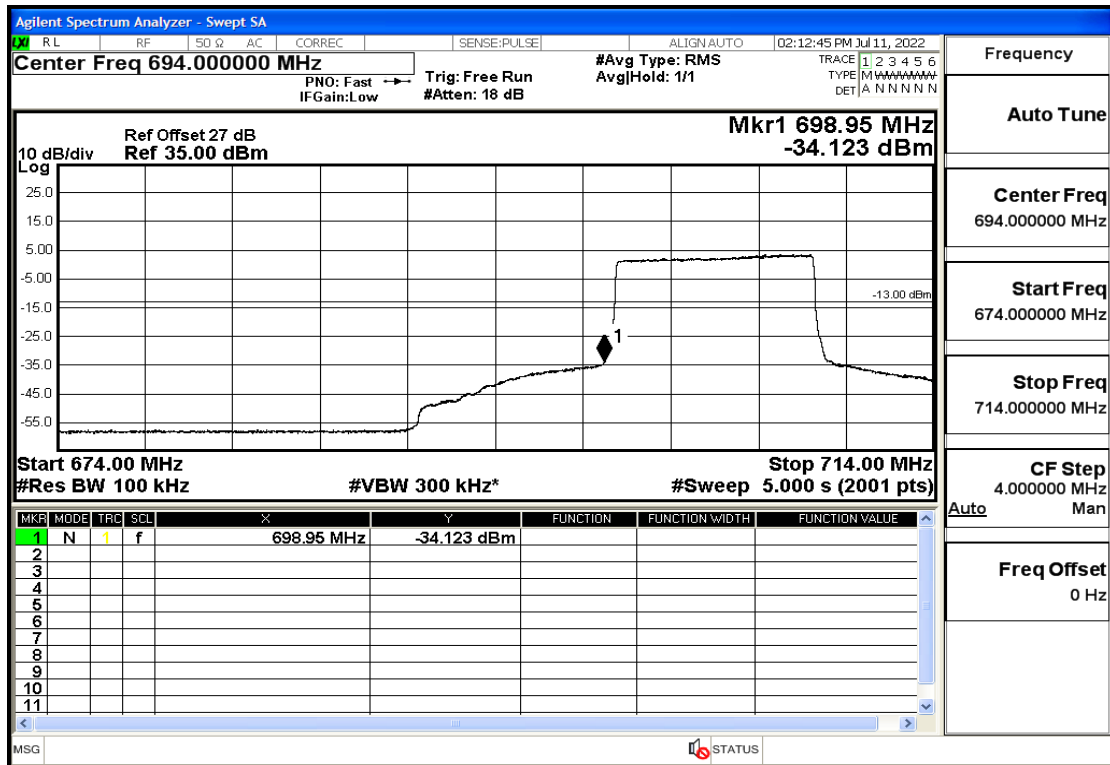
Band12-5-713.5-16QAM-25#LOW@Pass



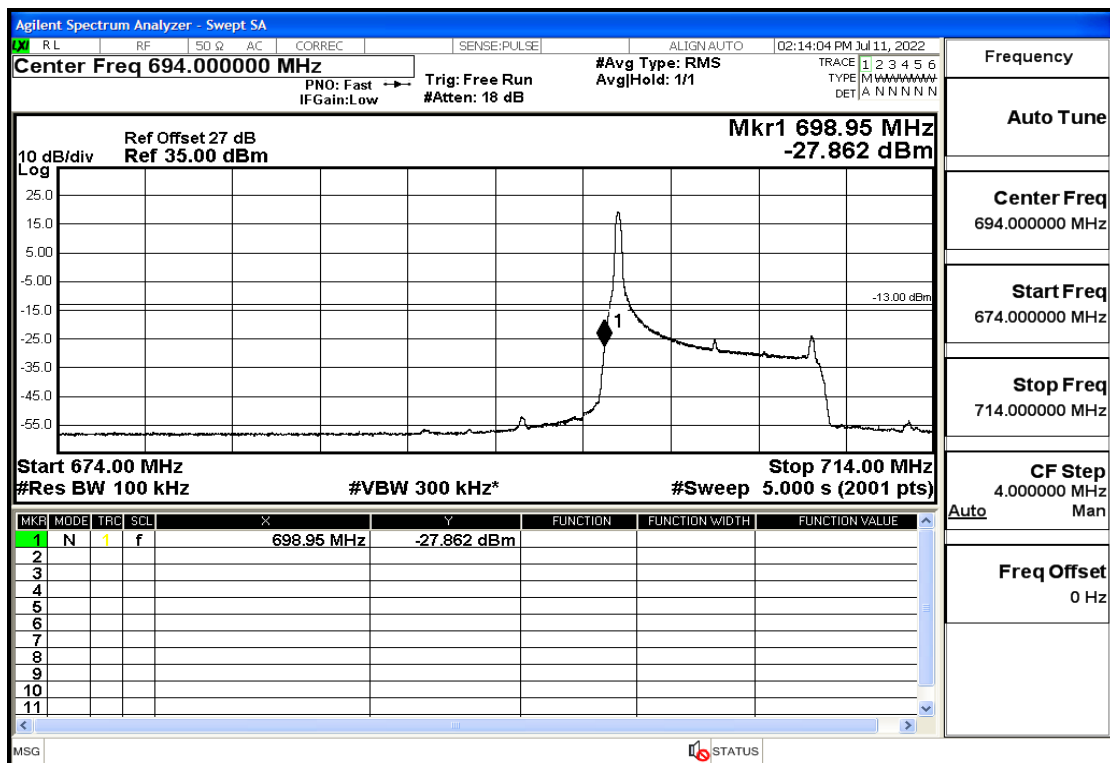
Band12-5-713.5-16QAM-1#HIGH@Pass



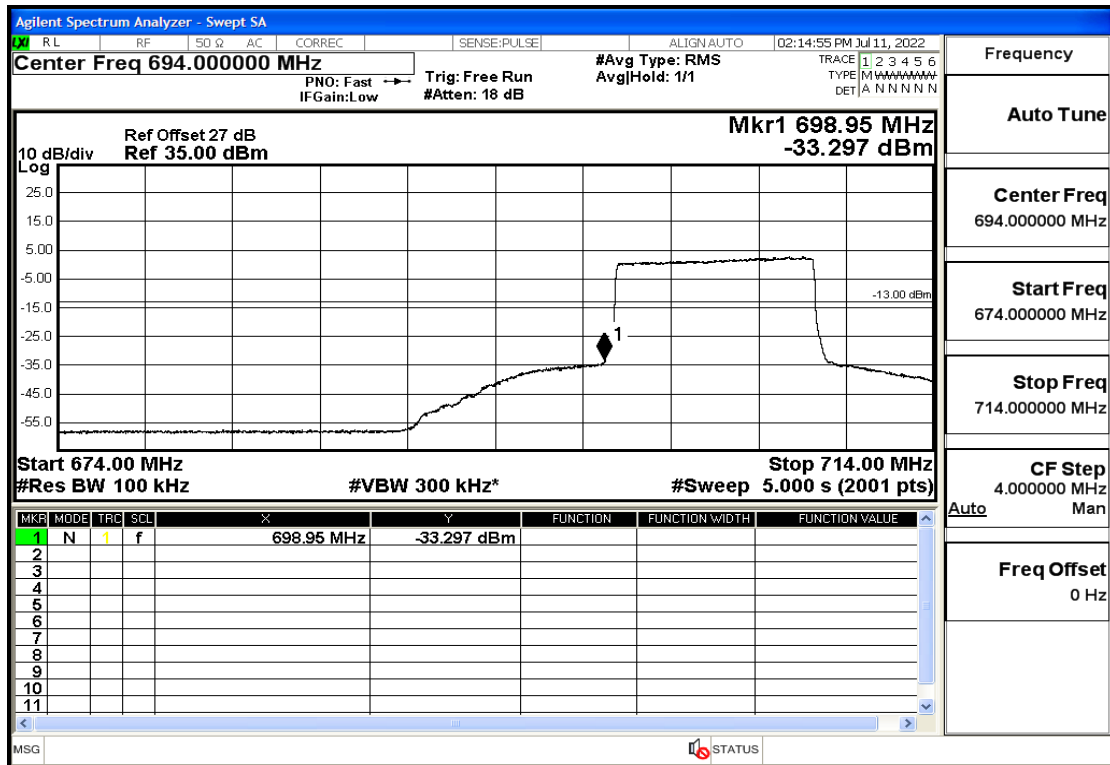
Band12-10-704-QPSK-50#LOW@Pass



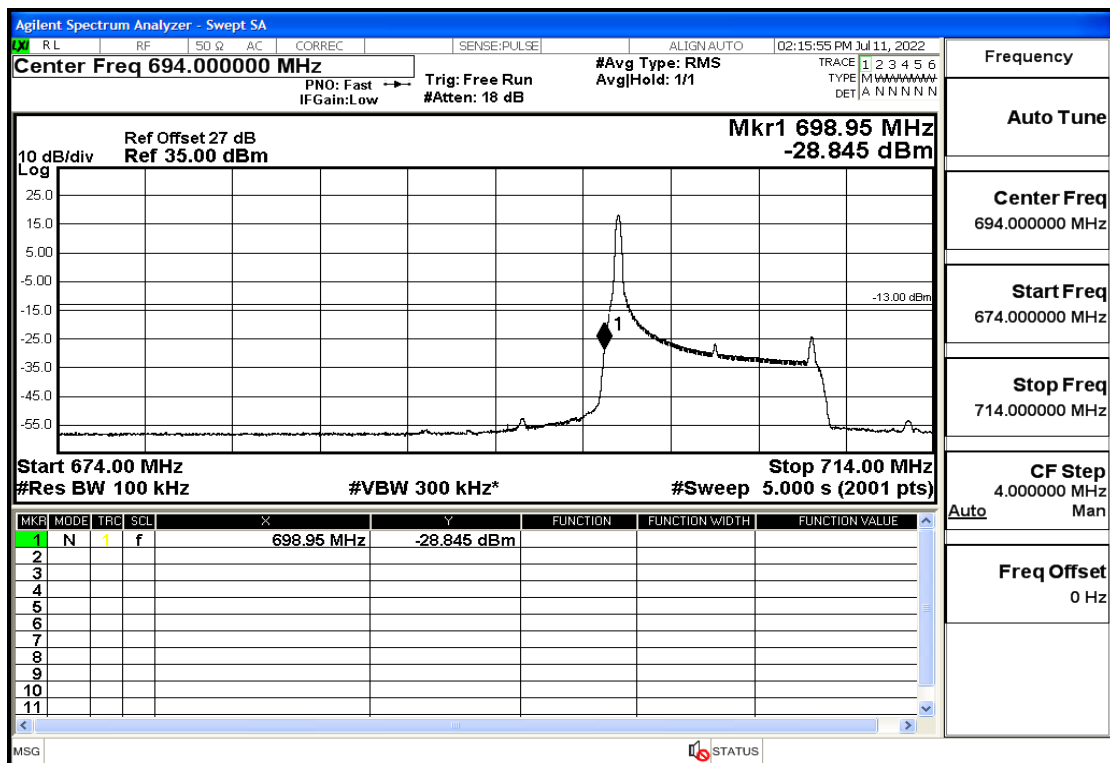
Band12-10-704-QPSK-1#LOW@Pass



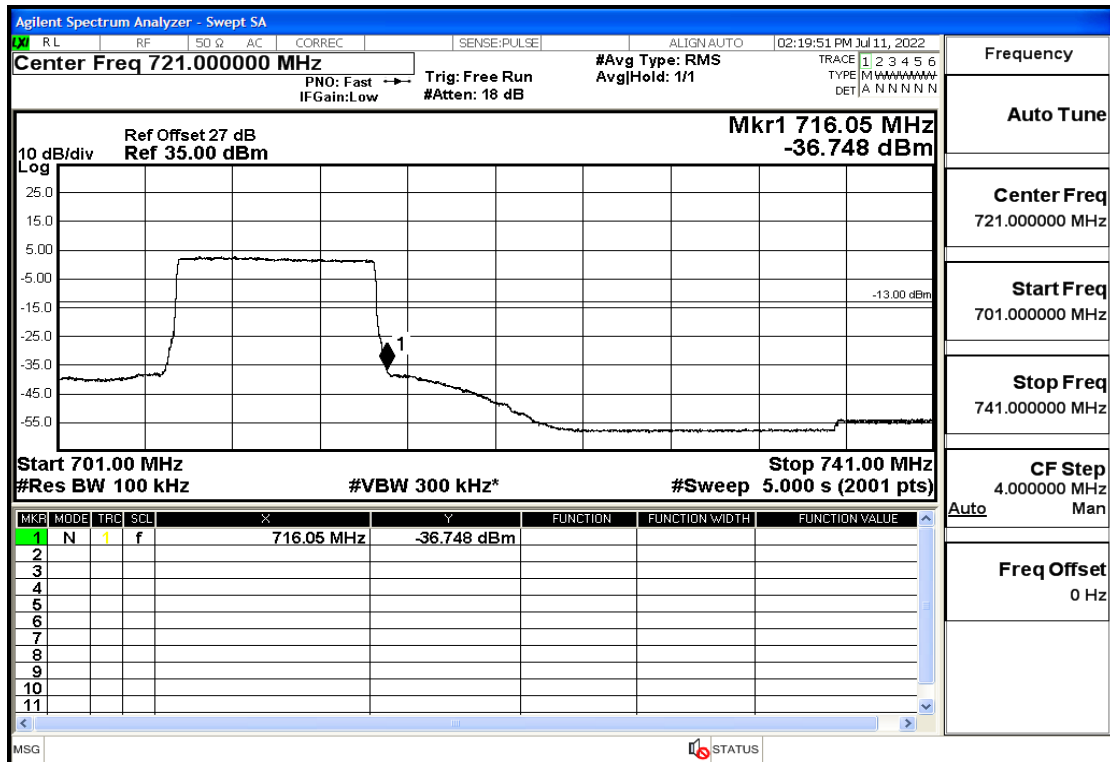
Band12-10-704-16QAM-50#LOW@Pass



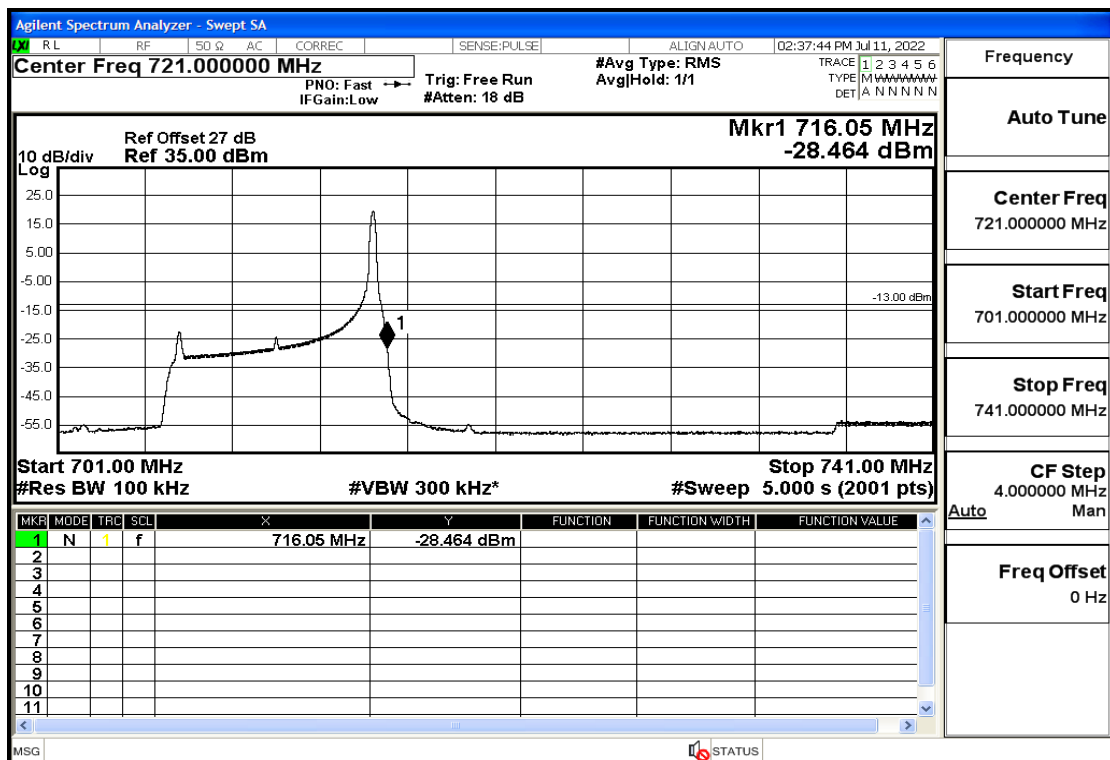
Band12-10-704-16QAM-1#LOW@Pass



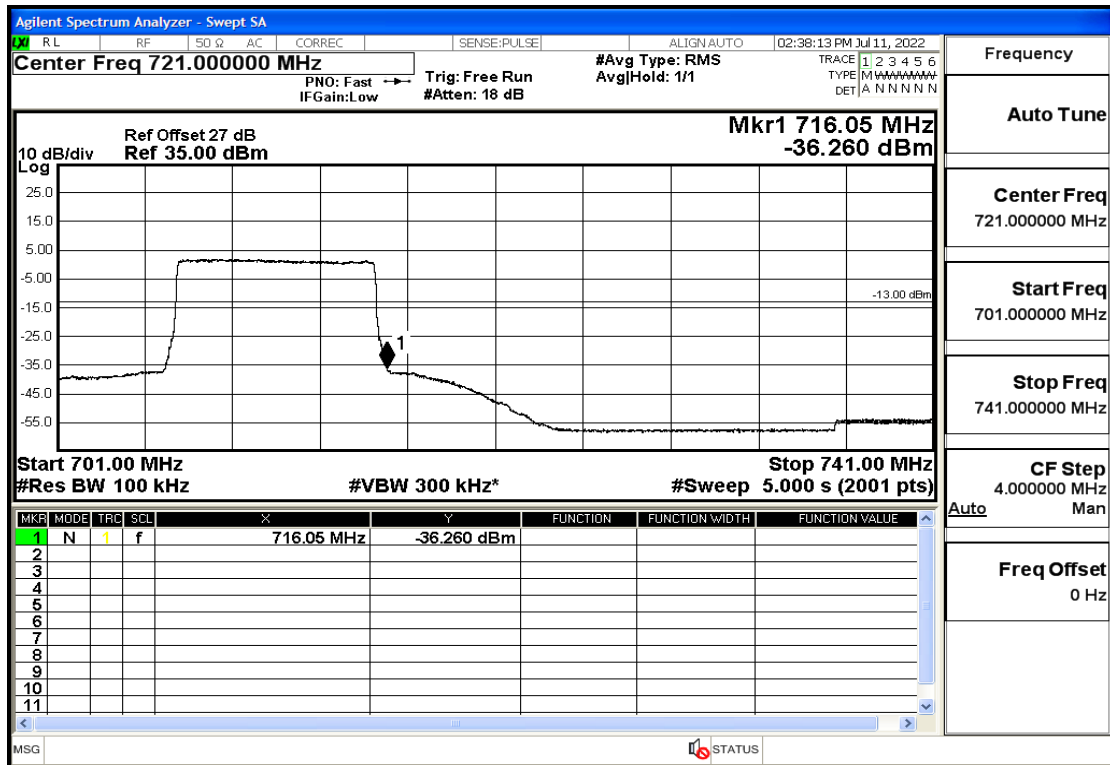
Band12-10-711-QPSK-50#LOW@Pass



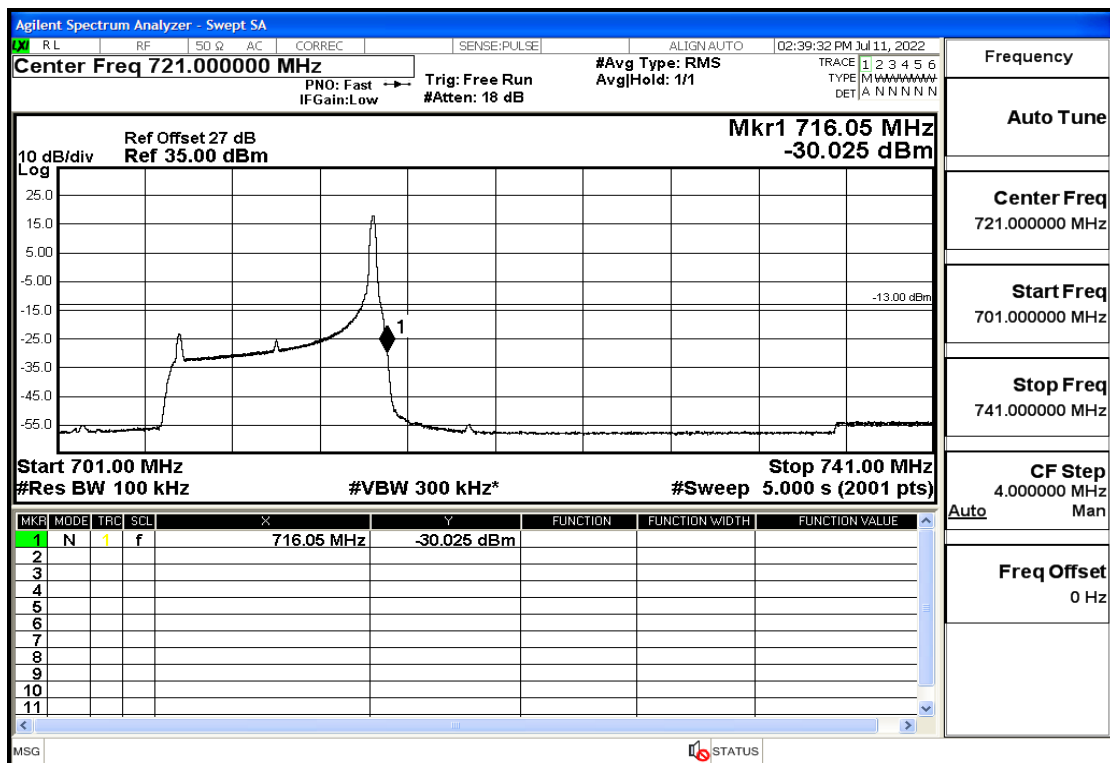
Band12-10-711-QPSK-1#HIGH@Pass



Band12-10-711-16QAM-50#LOW@Pass



Band12-10-711-16QAM-1#HIGH@Pass

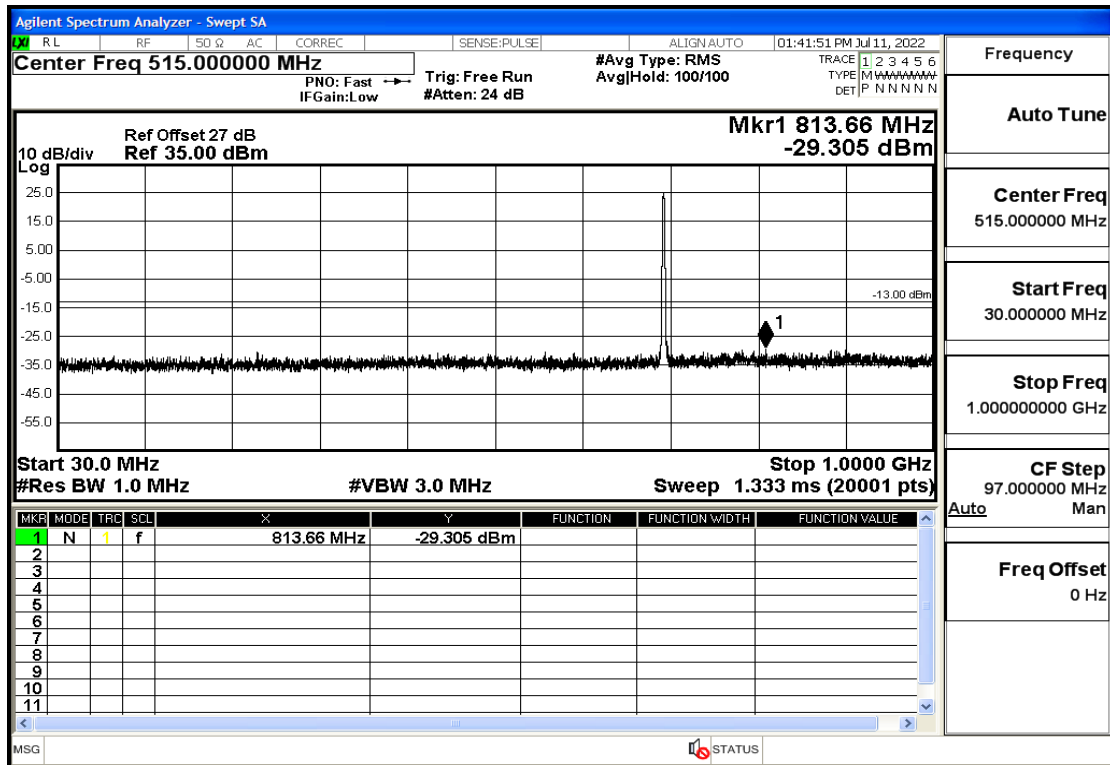


Conducted Spurious Emission

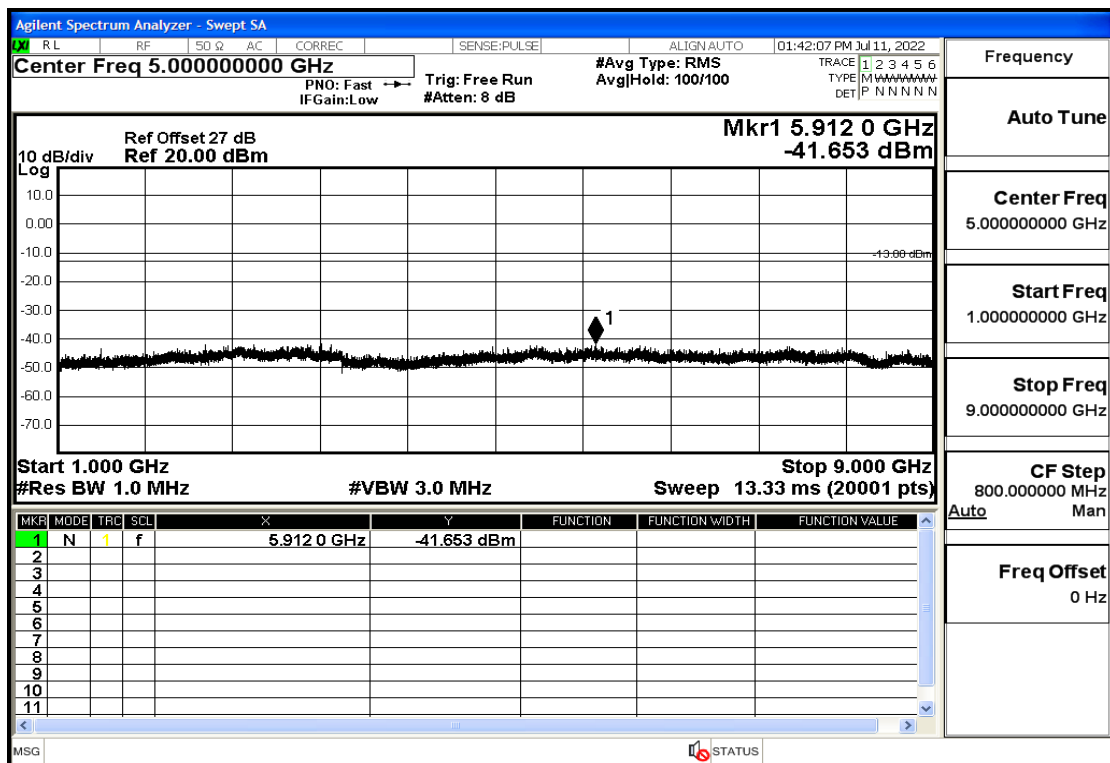
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB12	1.4	699.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	699.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	715.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	715.3	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	3	700.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB12	3	700.5	QPSK	15	LOW	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	714.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB12	3	714.5	QPSK	15	LOW	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	707.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB12	5	707.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB12	5	713.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB12	5	713.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB12	10	704	QPSK	50	LOW	30mHz-1GHz	Pass
OB12	10	704	QPSK	50	LOW	1GHz-9GHz	Pass
OB12	10	707.5	QPSK	50	LOW	30mHz-1GHz	Pass
OB12	10	707.5	QPSK	50	LOW	1GHz-9GHz	Pass
OB12	10	711	QPSK	50	LOW	30mHz-1GHz	Pass
OB12	10	711	QPSK	50	LOW	1GHz-9GHz	Pass
OB12	1.4	699.7	Q16	6	LOW	30mHz-1GHz	Pass
OB12	1.4	699.7	Q16	6	LOW	1GHz-9GHz	Pass
OB12	1.4	707.5	Q16	6	LOW	30mHz-1GHz	Pass
OB12	1.4	707.5	Q16	6	LOW	1GHz-9GHz	Pass
OB12	1.4	715.3	Q16	6	LOW	30mHz-1GHz	Pass
OB12	1.4	715.3	Q16	6	LOW	1GHz-9GHz	Pass
OB12	3	700.5	Q16	15	LOW	30mHz-1GHz	Pass
OB12	3	700.5	Q16	15	LOW	1GHz-9GHz	Pass
OB12	3	707.5	Q16	15	LOW	30mHz-1GHz	Pass
OB12	3	707.5	Q16	15	LOW	1GHz-9GHz	Pass
OB12	3	714.5	Q16	15	LOW	30mHz-1GHz	Pass
OB12	3	714.5	Q16	15	LOW	1GHz-9GHz	Pass
OB12	5	701.5	Q16	25	LOW	30mHz-1GHz	Pass
OB12	5	701.5	Q16	25	LOW	1GHz-9GHz	Pass
OB12	5	707.5	Q16	25	LOW	30mHz-1GHz	Pass
OB12	5	707.5	Q16	25	LOW	1GHz-9GHz	Pass

OB12	5	713.5	Q16	25	LOW	30mHz-1GHz	Pass
OB12	5	713.5	Q16	25	LOW	1GHz-9GHz	Pass
OB12	10	704	Q16	50	LOW	30mHz-1GHz	Pass
OB12	10	704	Q16	50	LOW	1GHz-9GHz	Pass
OB12	10	707.5	Q16	50	LOW	30mHz-1GHz	Pass
OB12	10	707.5	Q16	50	LOW	1GHz-9GHz	Pass
OB12	10	711	Q16	50	LOW	30mHz-1GHz	Pass
OB12	10	711	Q16	50	LOW	1GHz-9GHz	Pass

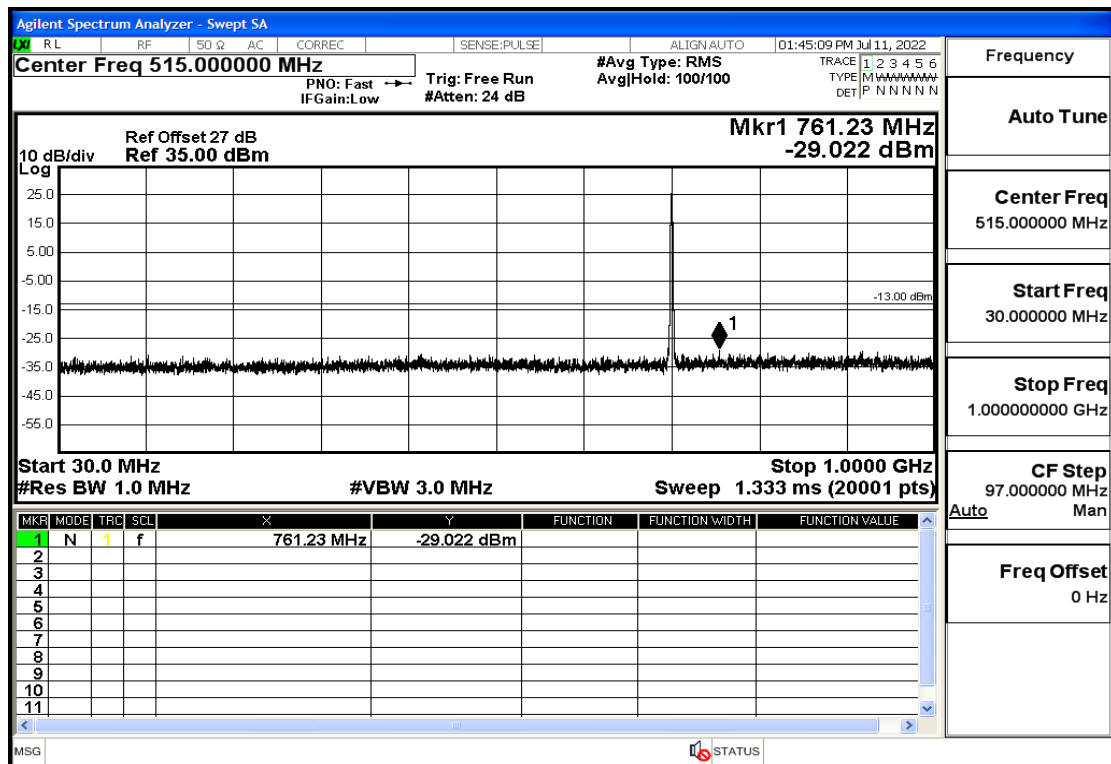
OB12-1.4-699.7-QPSK-6#LOW@30mHz-1GHz@Pass



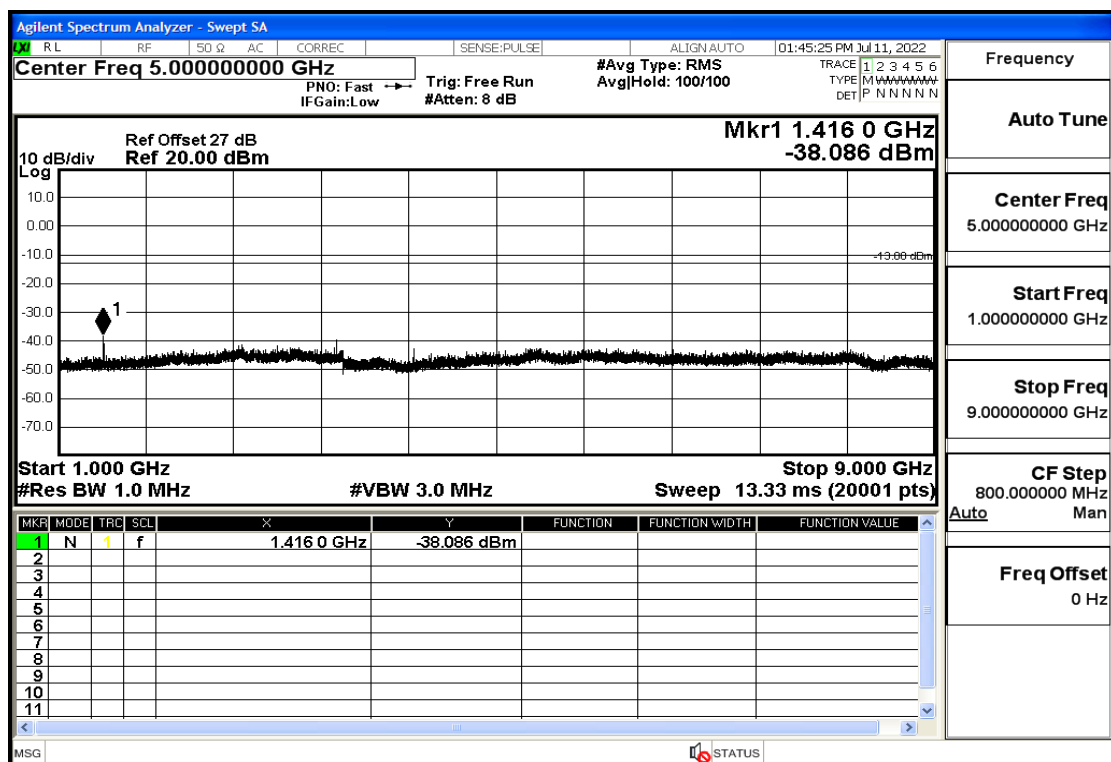
OB12-1.4-699.7-QPSK-6#LOW@1GHz-9GHz@Pass



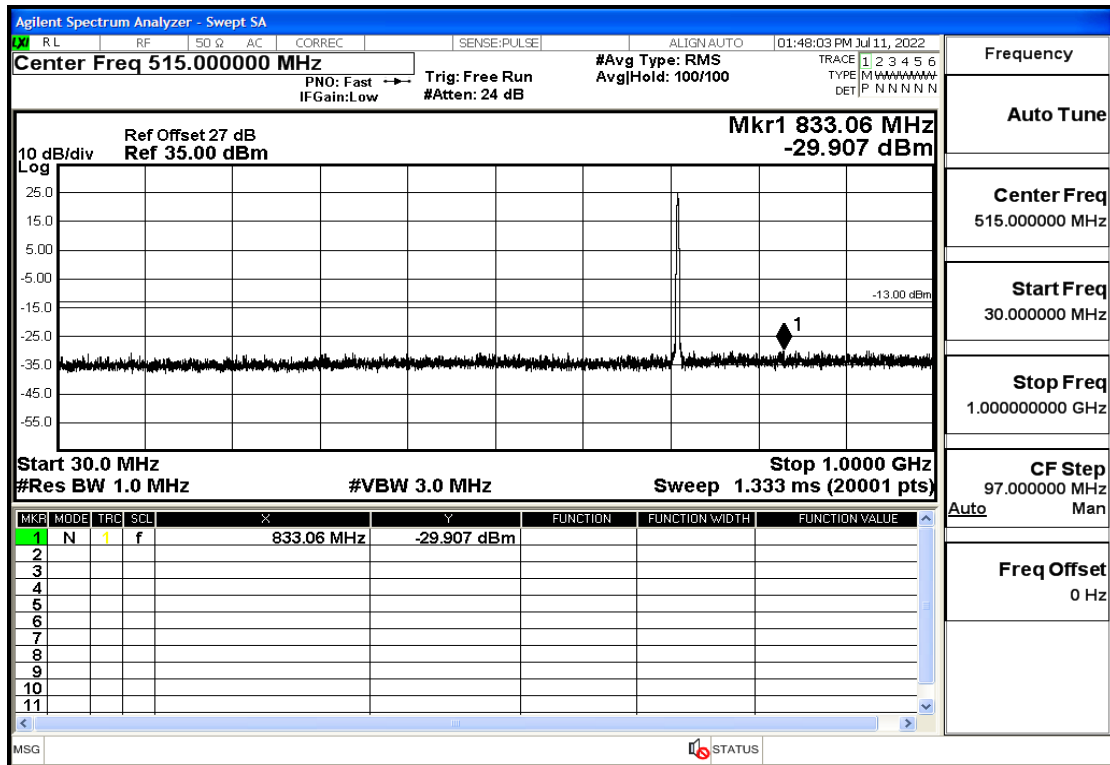
OB12-1.4-707.5-QPSK-6#LOW@30mHz-1GHz@Pass



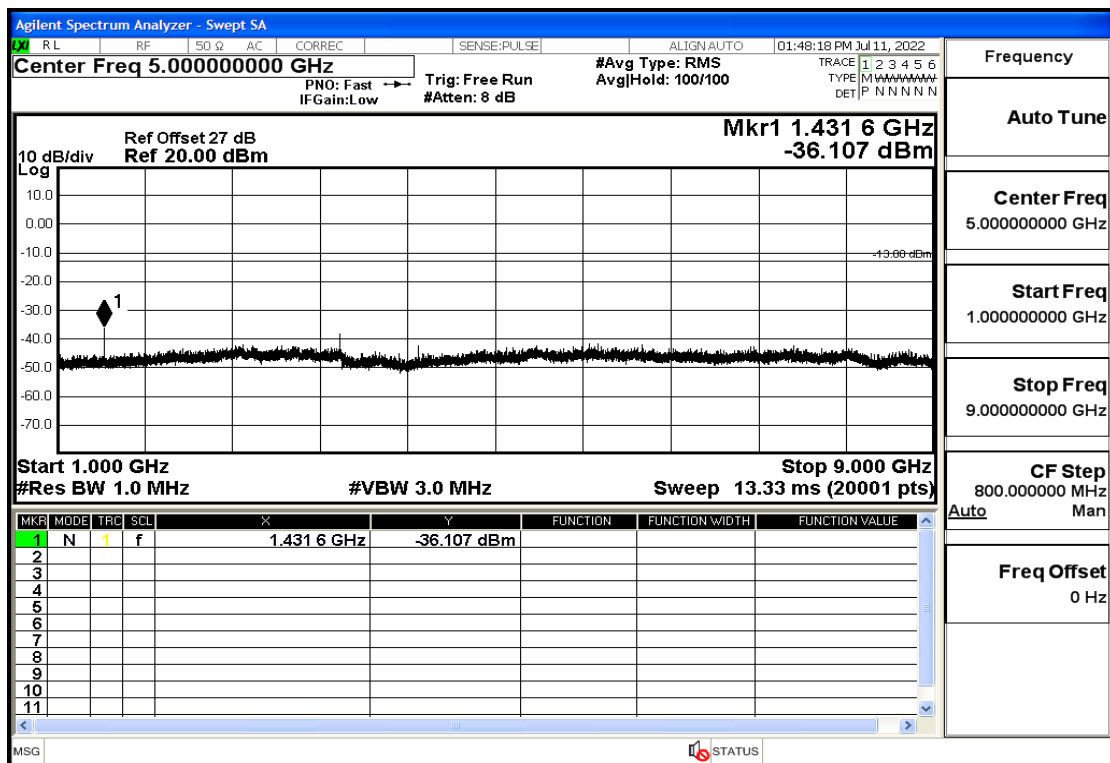
OB12-1.4-707.5-QPSK-6#LOW@1GHz-9GHz@Pass



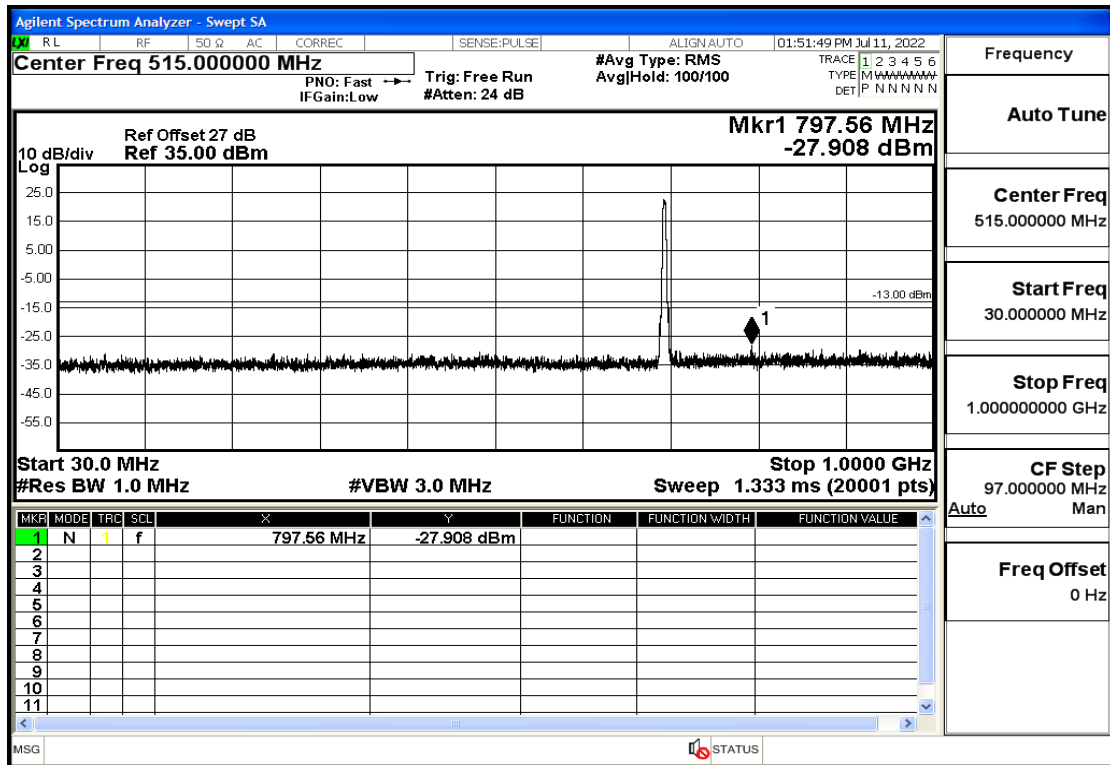
OB12-1.4-715.3-QPSK-6#LOW@30mHz-1GHz@Pass



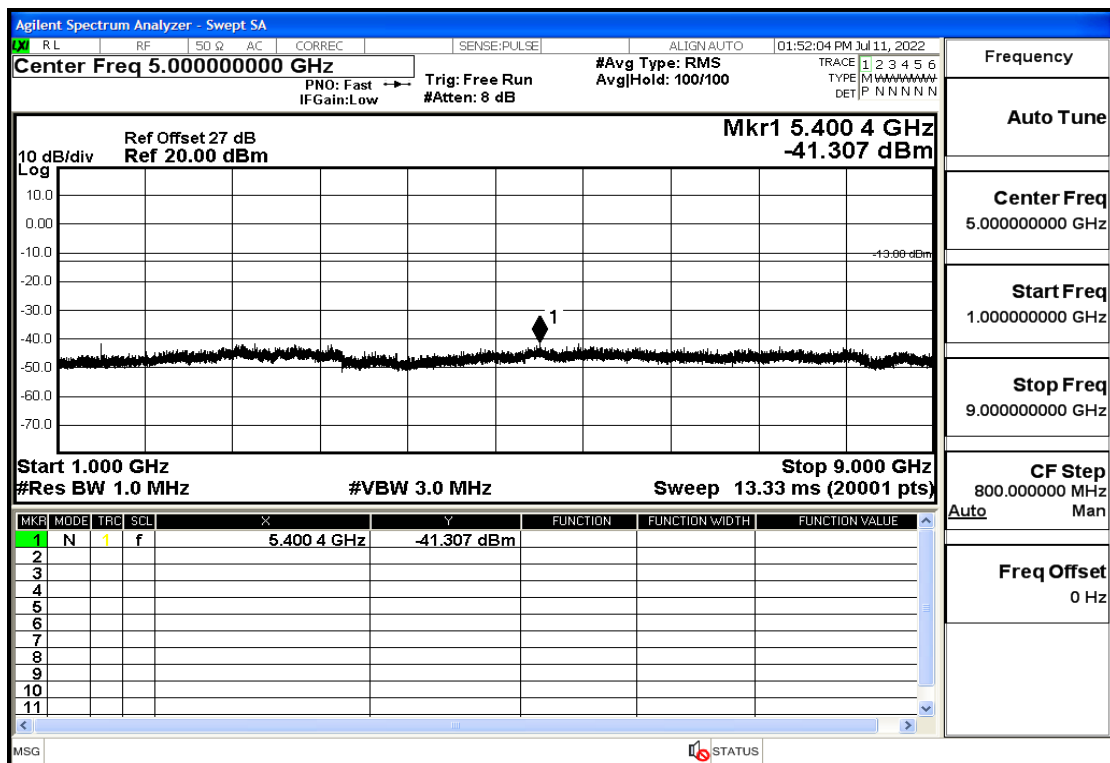
OB12-1.4-715.3-QPSK-6#LOW@1GHz-9GHz@Pass



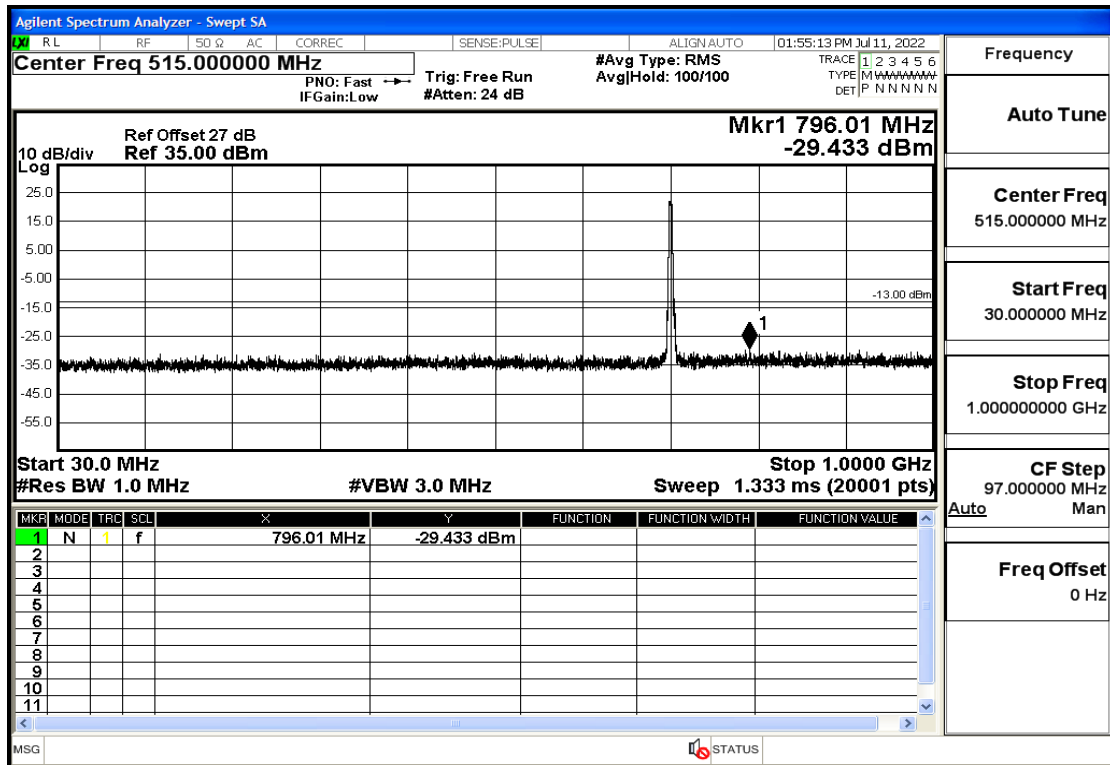
OB12-3-700.5-QPSK-15#LOW@30MHz-1GHz@Pass



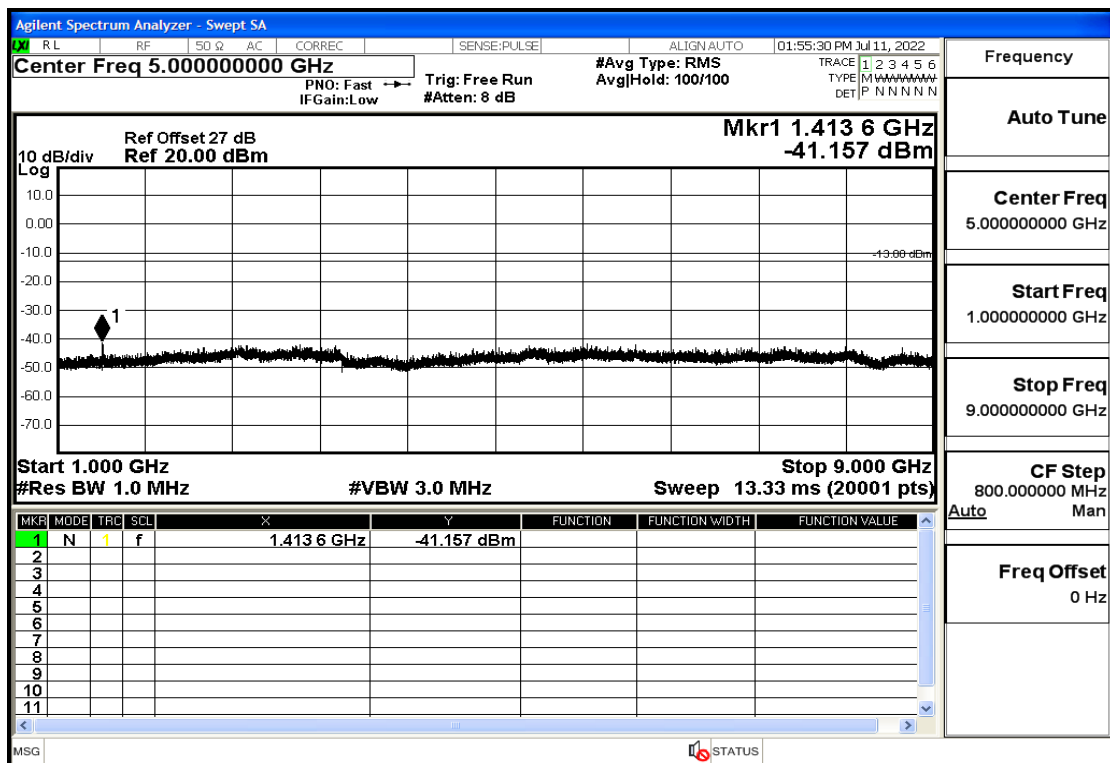
OB12-3-700.5-QPSK-15#LOW@1GHz-9GHz@Pass



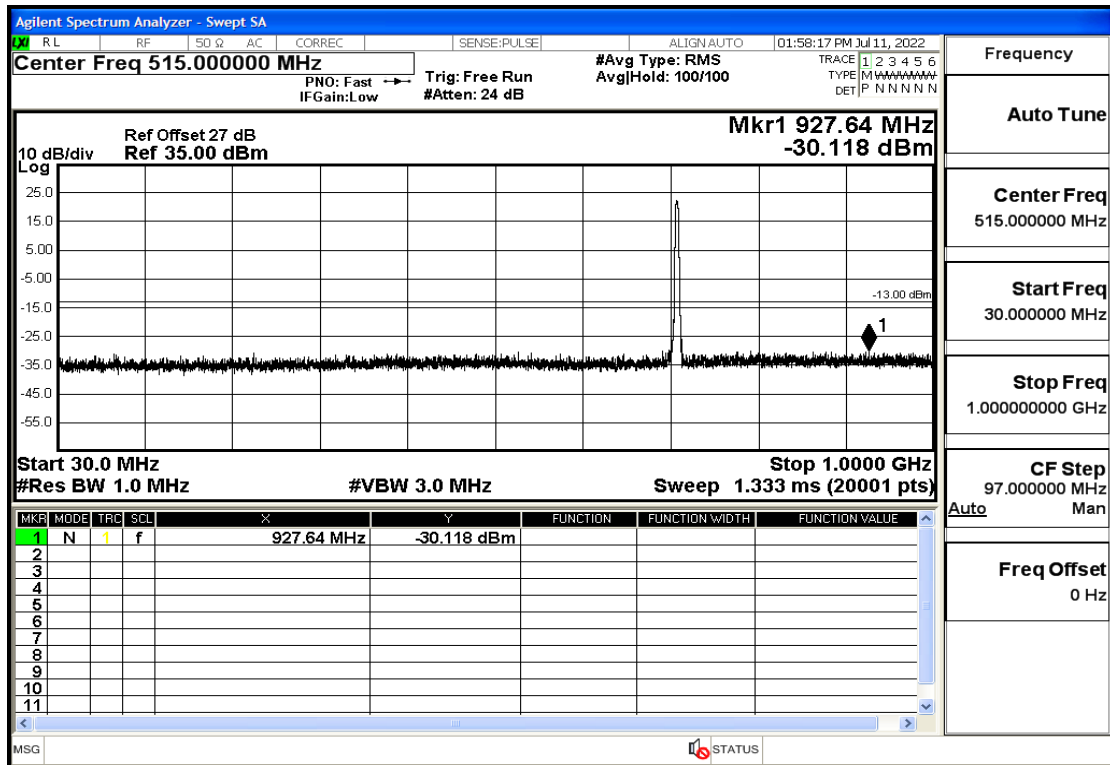
OB12-3-707.5-QPSK-15#LOW@30MHz-1GHz@Pass



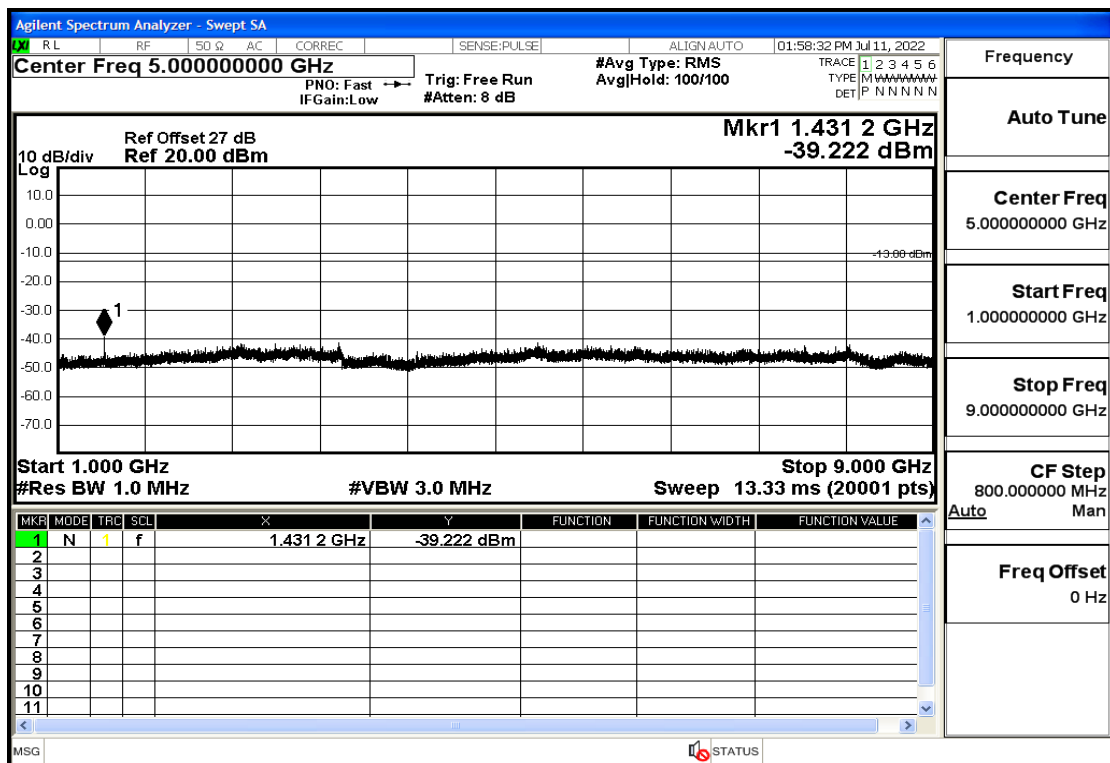
OB12-3-707.5-QPSK-15#LOW@1GHz-9GHz@Pass



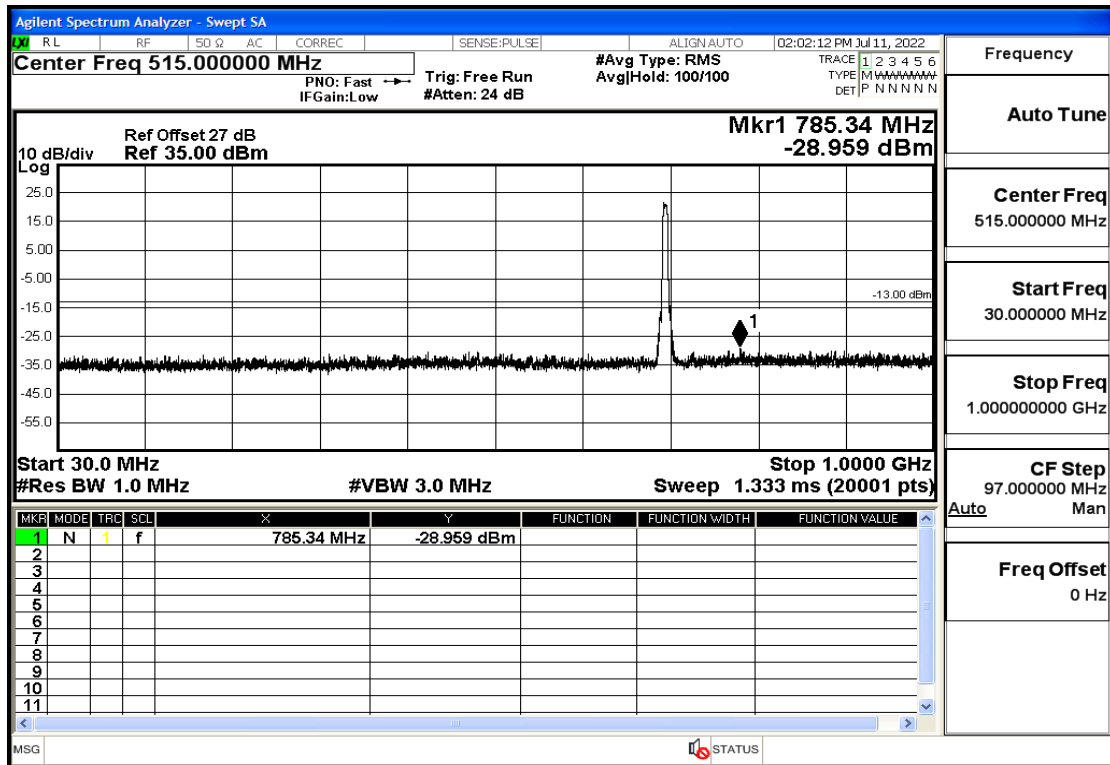
OB12-3-714.5-QPSK-15#LOW@30MHz-1GHz@Pass



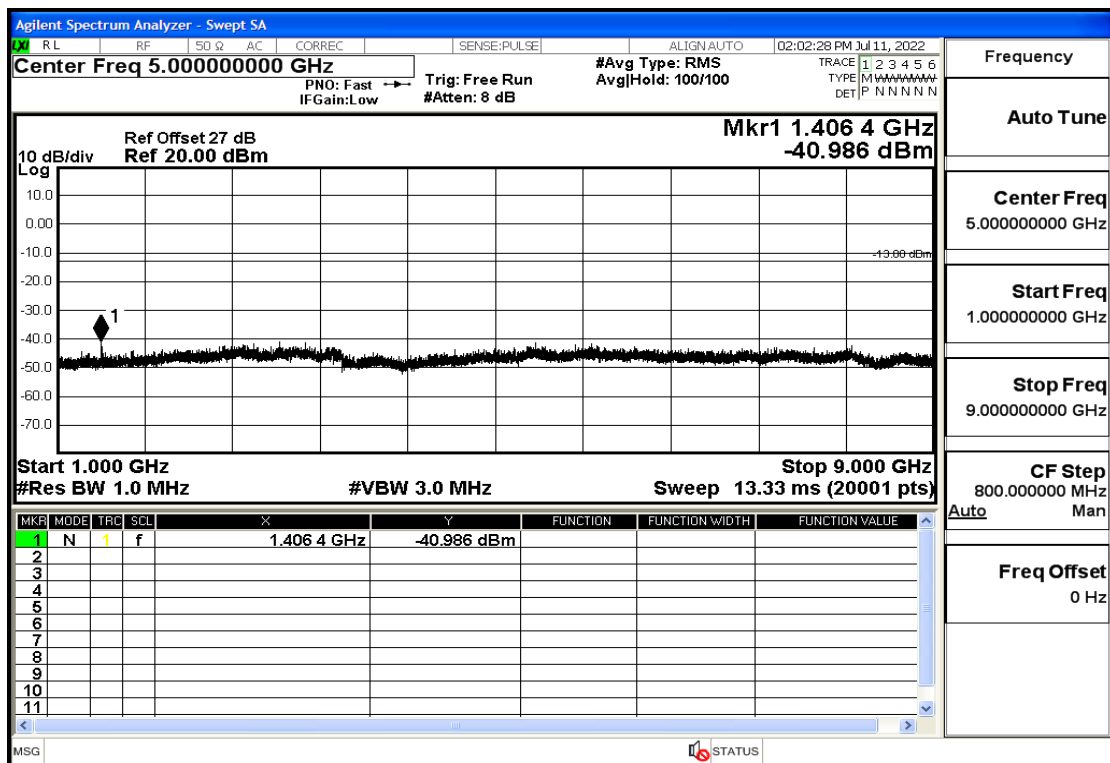
OB12-3-714.5-QPSK-15#LOW@1GHz-9GHz@Pass



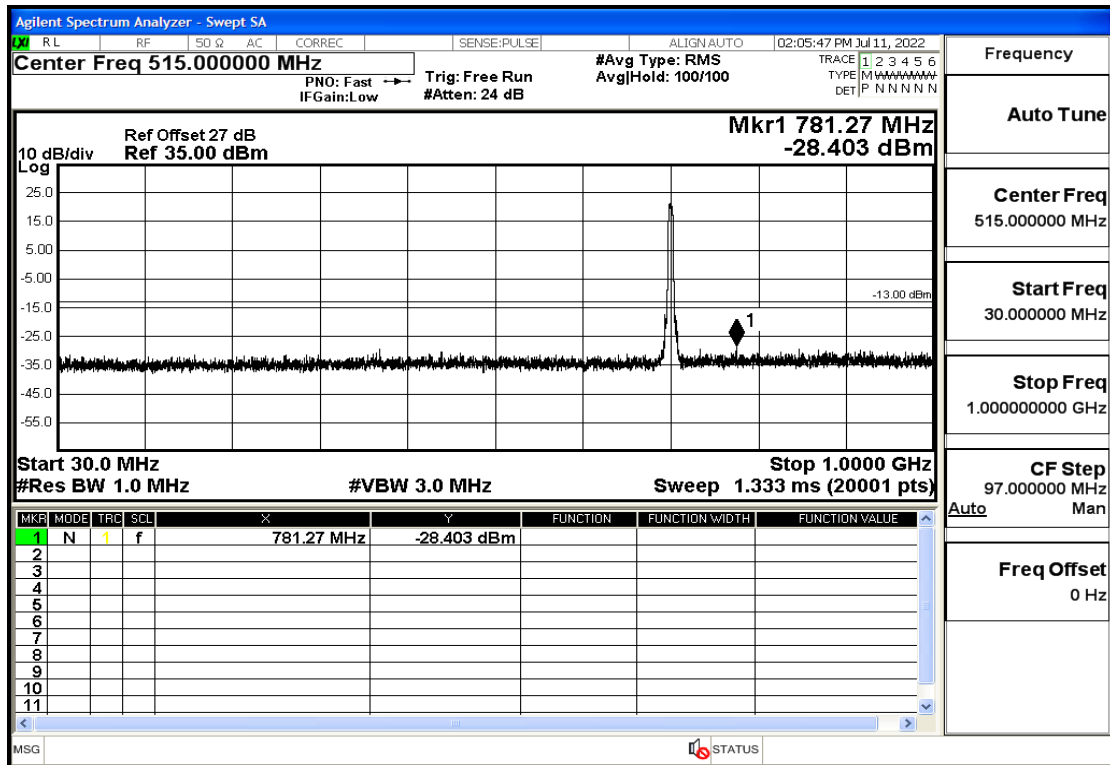
OB12-5-701.5-QPSK-25#LOW@30MHz-1GHz@Pass



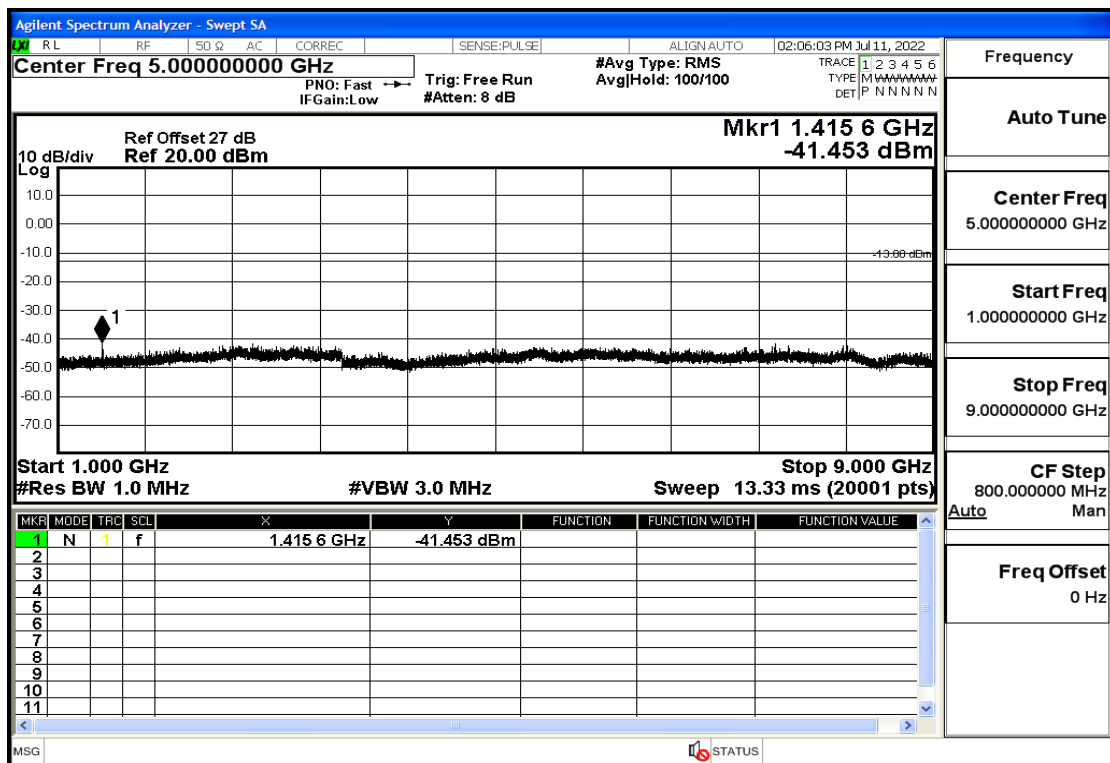
OB12-5-701.5-QPSK-25#LOW@1GHz-9GHz@Pass



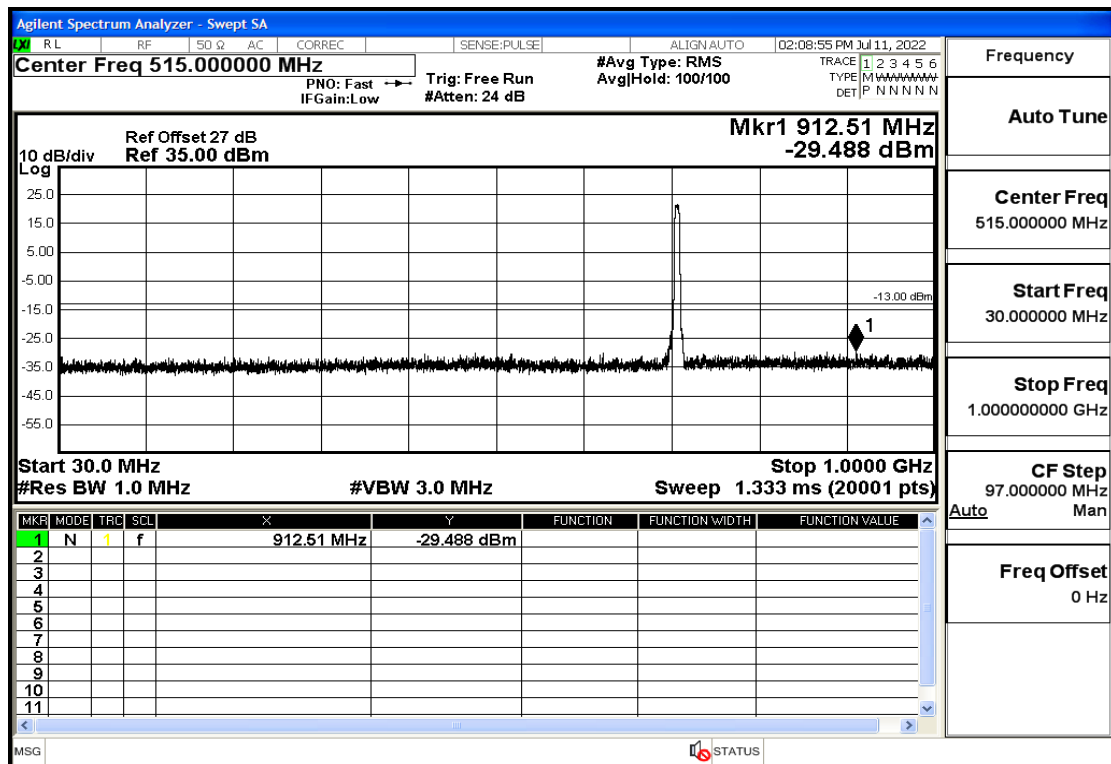
OB12-5-707.5-QPSK-25#LOW@30MHz-1GHz@Pass



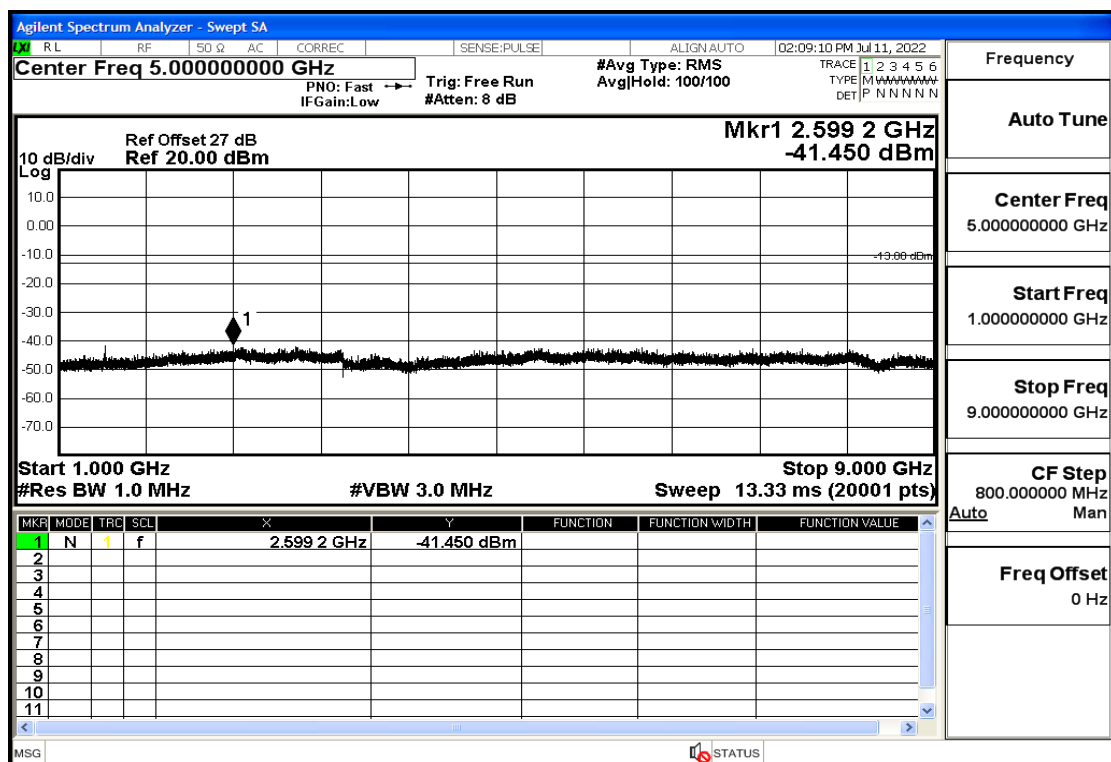
OB12-5-707.5-QPSK-25#LOW@1GHz-9GHz@Pass



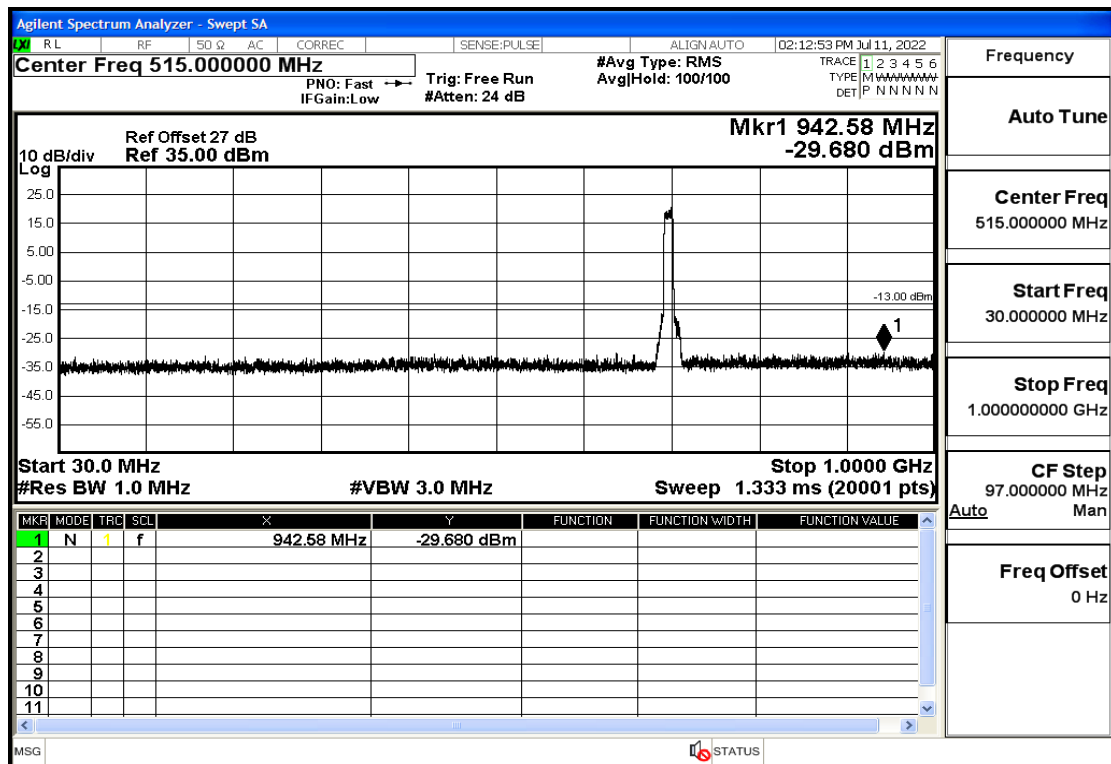
OB12-5-713.5-QPSK-25#LOW@30MHz-1GHz@Pass



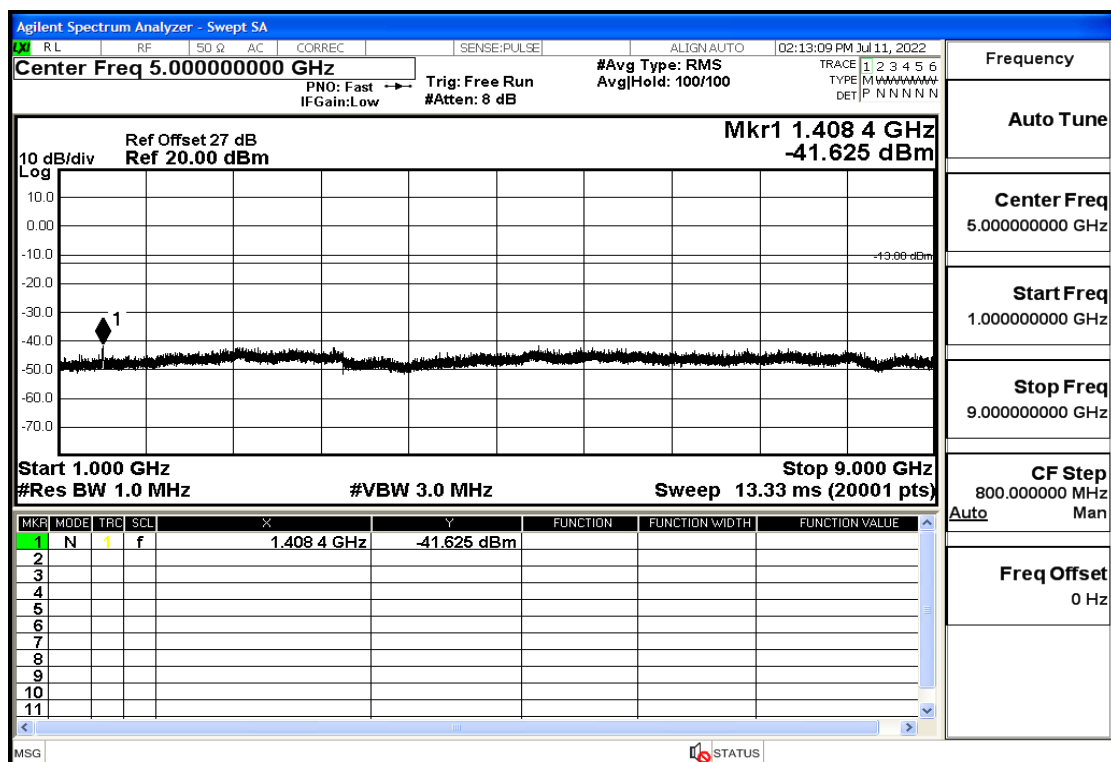
OB12-5-713.5-QPSK-25#LOW@1GHz-9GHz@Pass



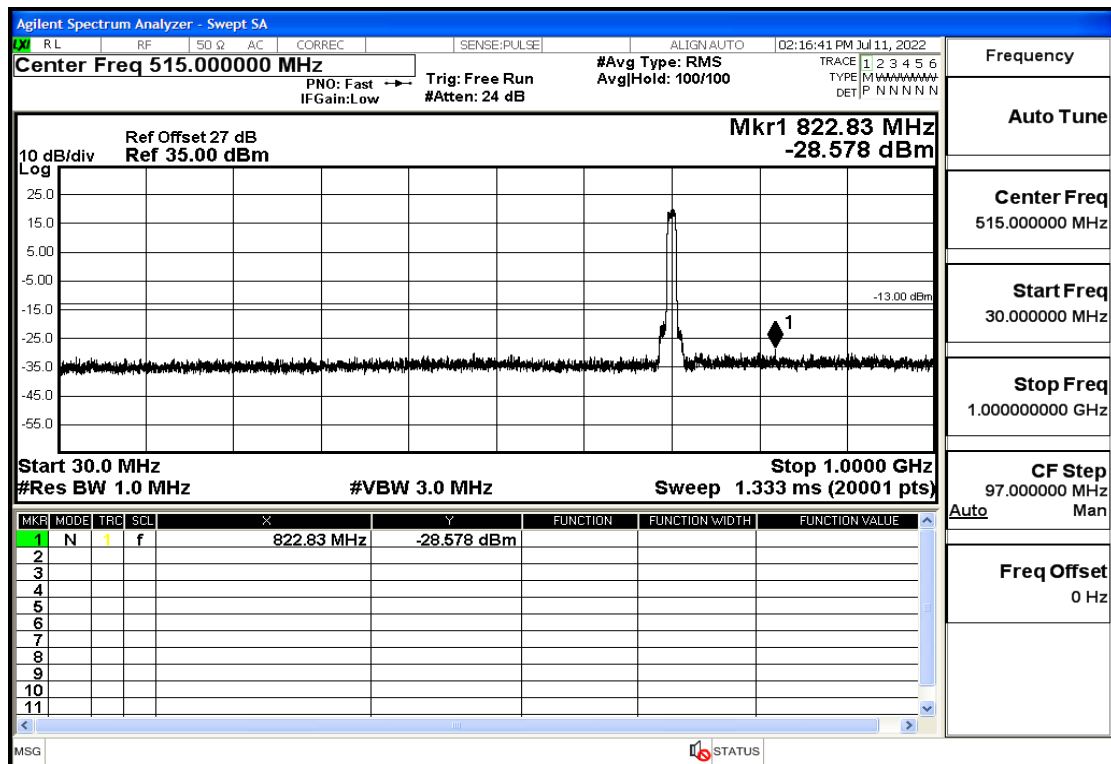
OB12-10-704-QPSK-50#LOW@30mHz-1GHz@Pass



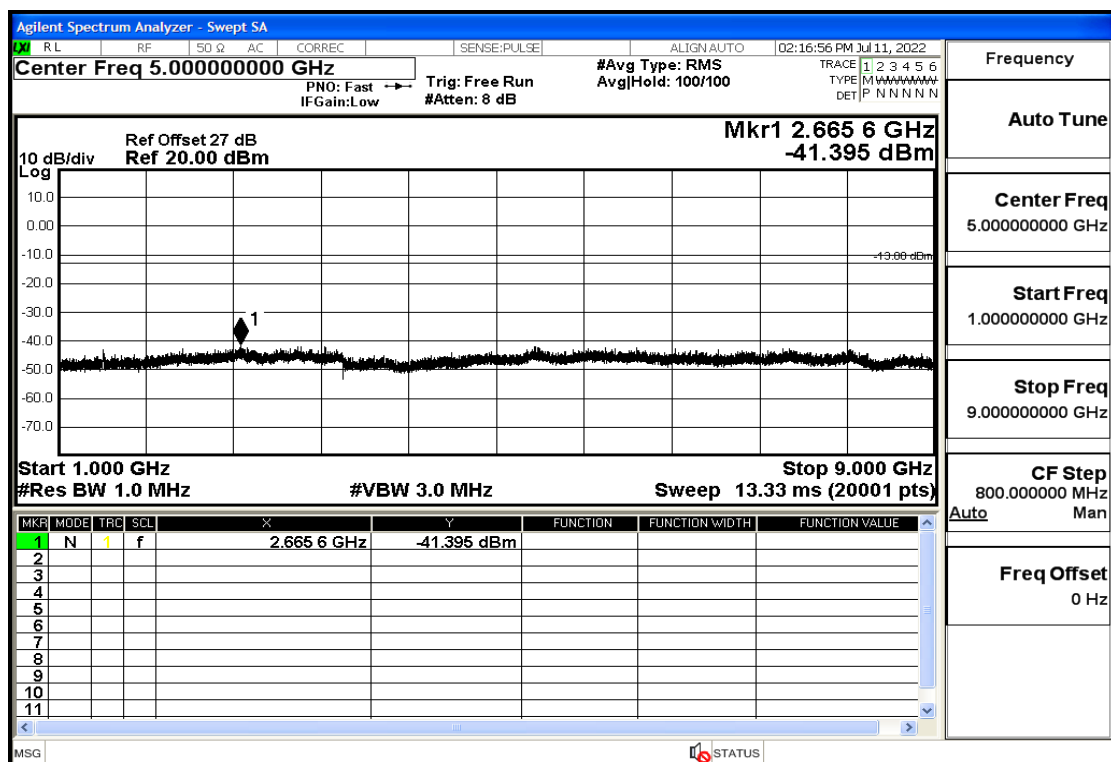
OB12-10-704-QPSK-50#LOW@1GHz-9GHz@Pass



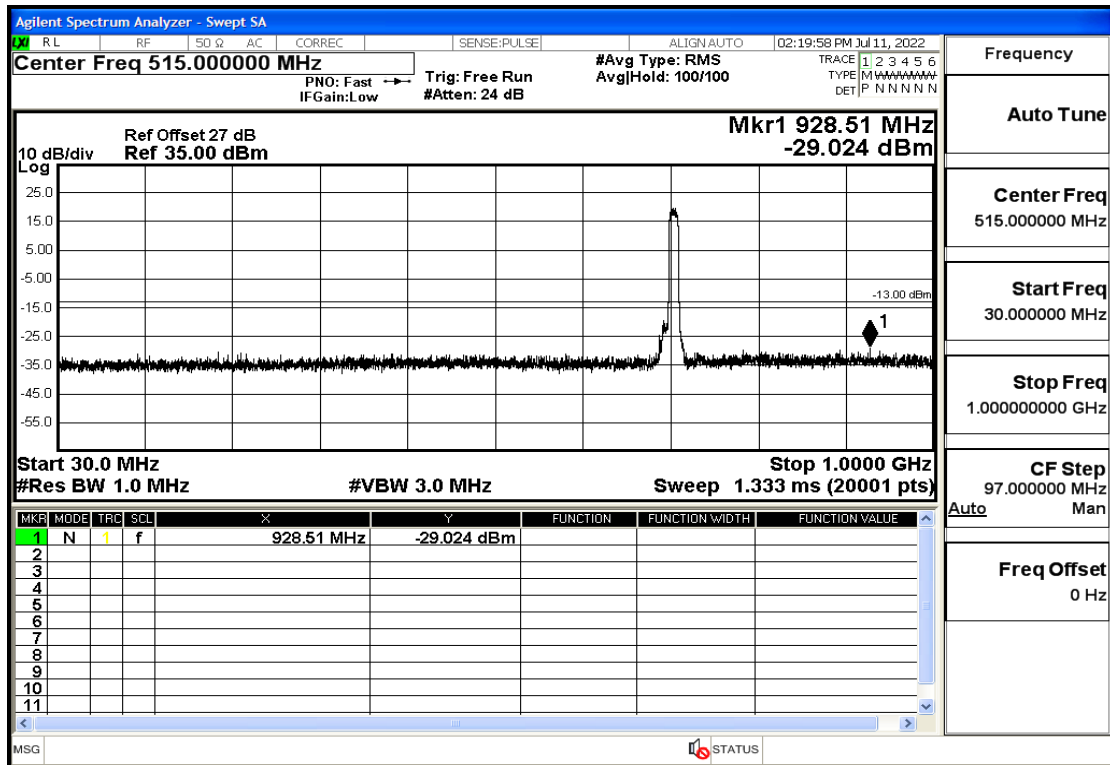
OB12-10-707.5-QPSK-50#LOW@30mHz-1GHz@Pass



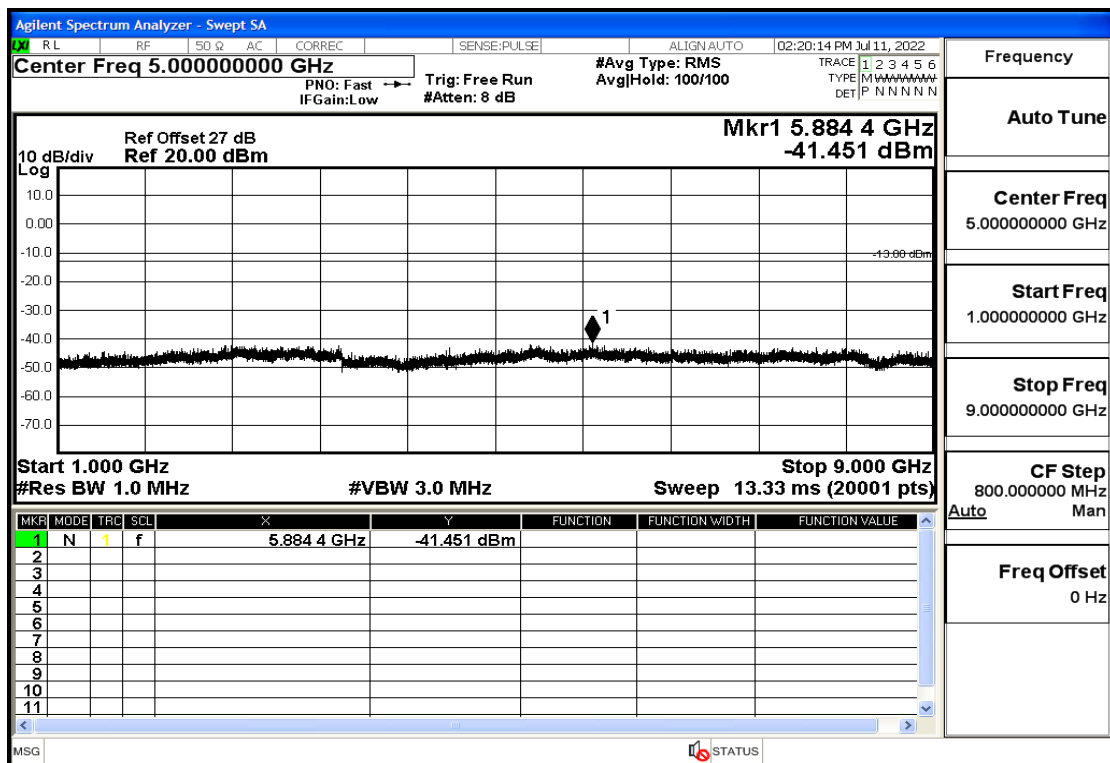
OB12-10-707.5-QPSK-50#LOW@1GHz-9GHz@Pass



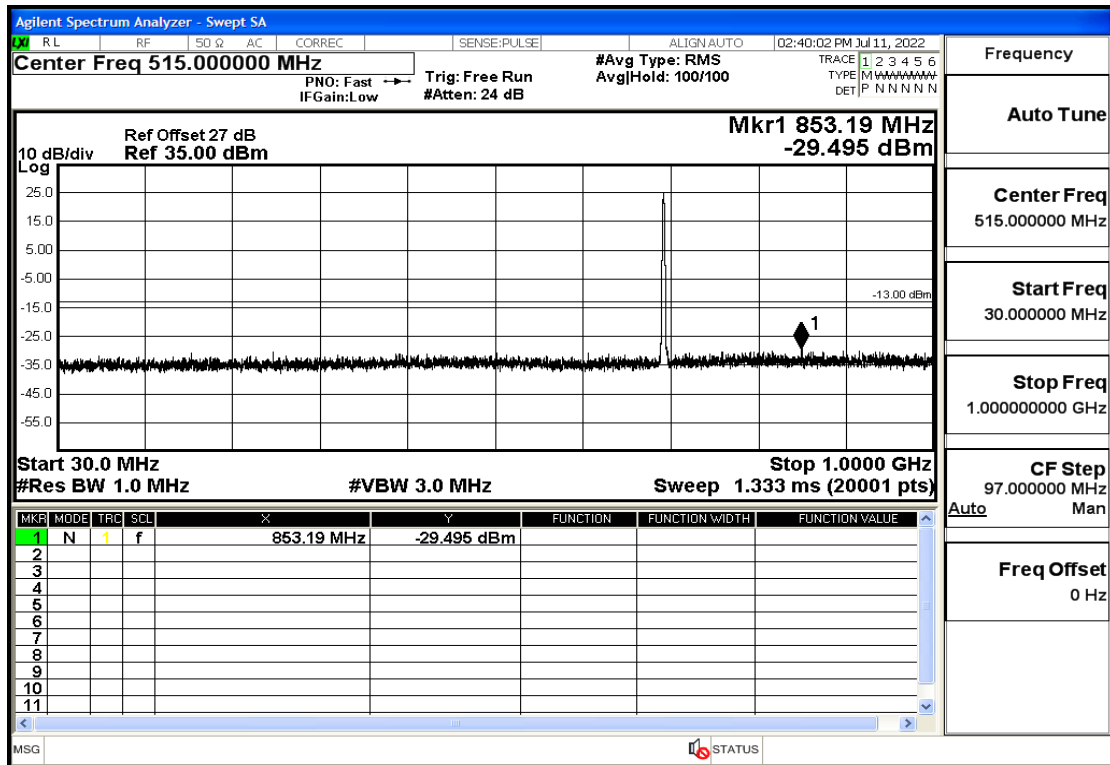
OB12-10-711-QPSK-50#LOW@30mHz-1GHz@Pass



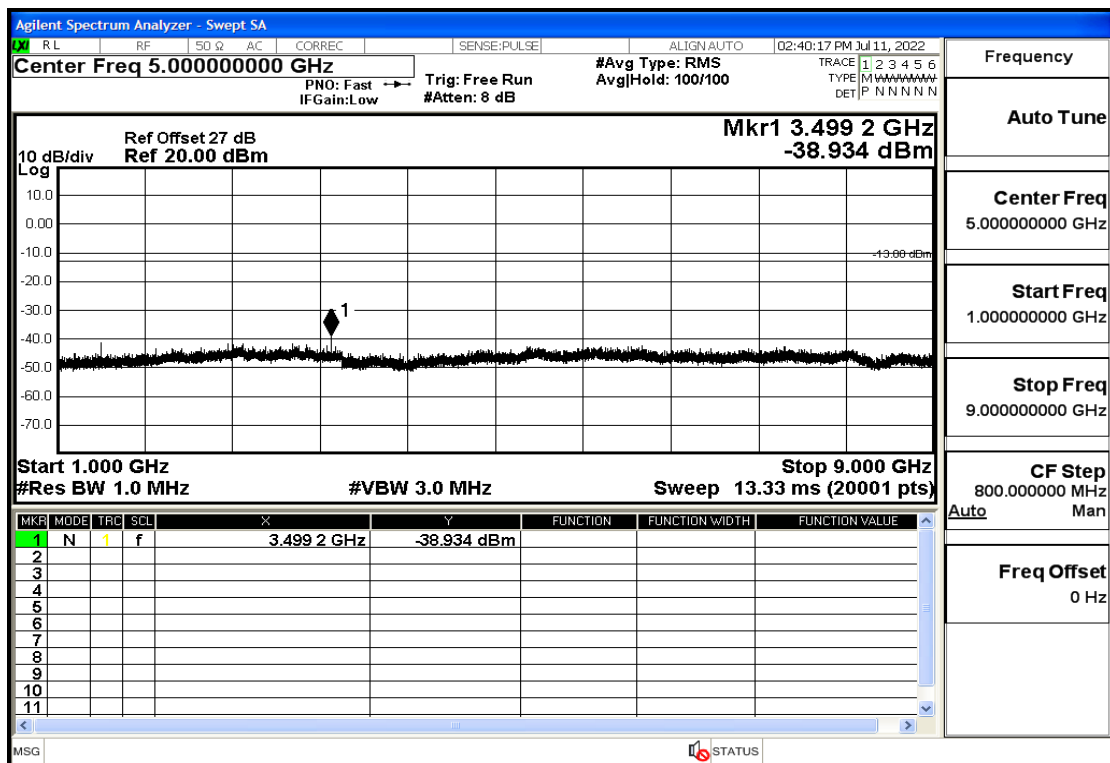
OB12-10-711-QPSK-50#LOW@1GHz-9GHz@Pass



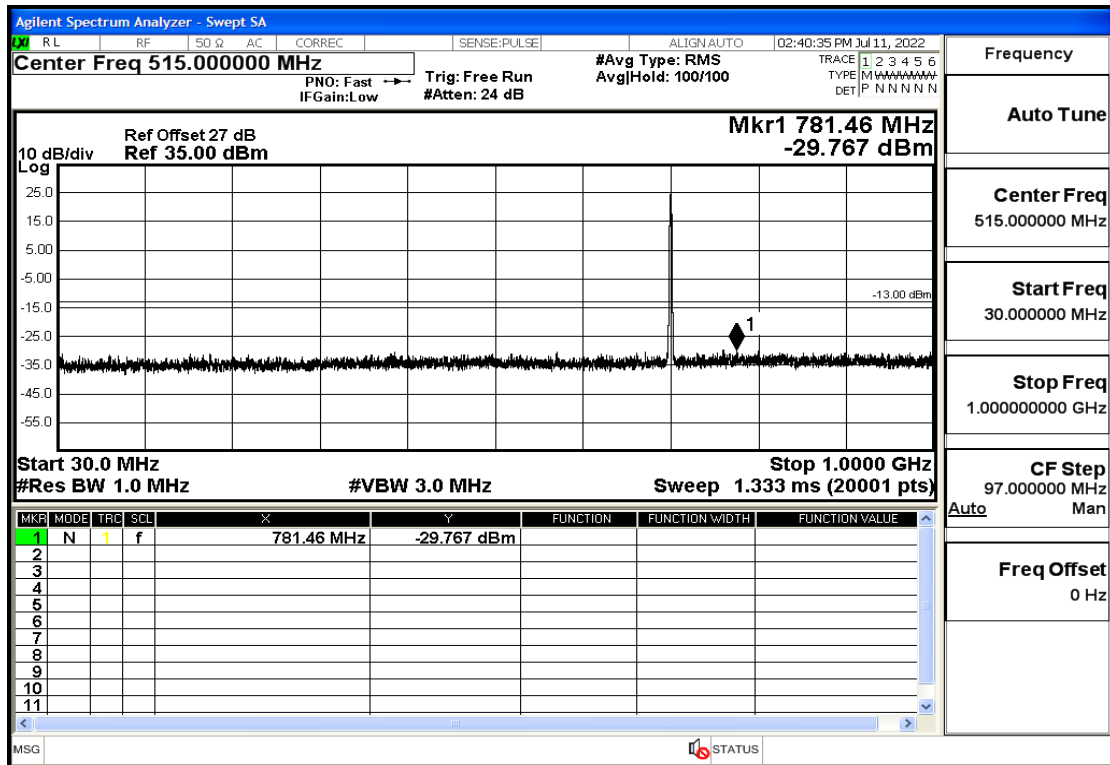
OB12-1.4-699.7-Q16-6#LOW@30mHz-1GHz@Pass



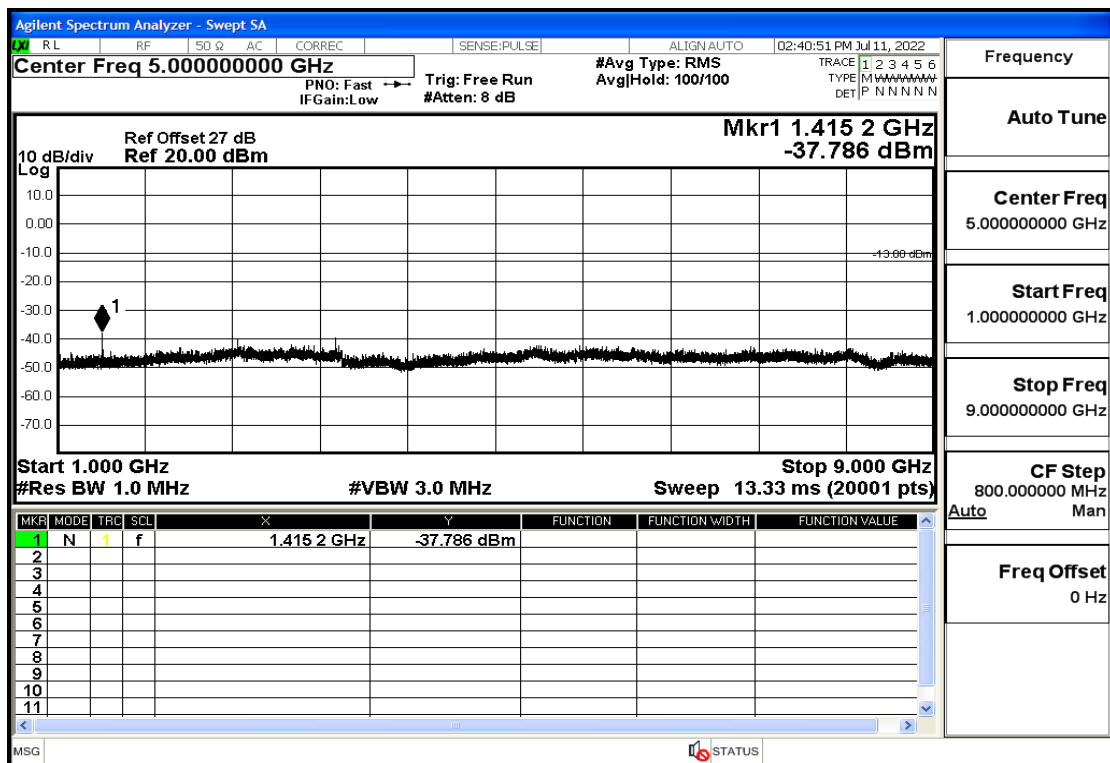
OB12-1.4-699.7-Q16-6#LOW@1GHz-9GHz@Pass



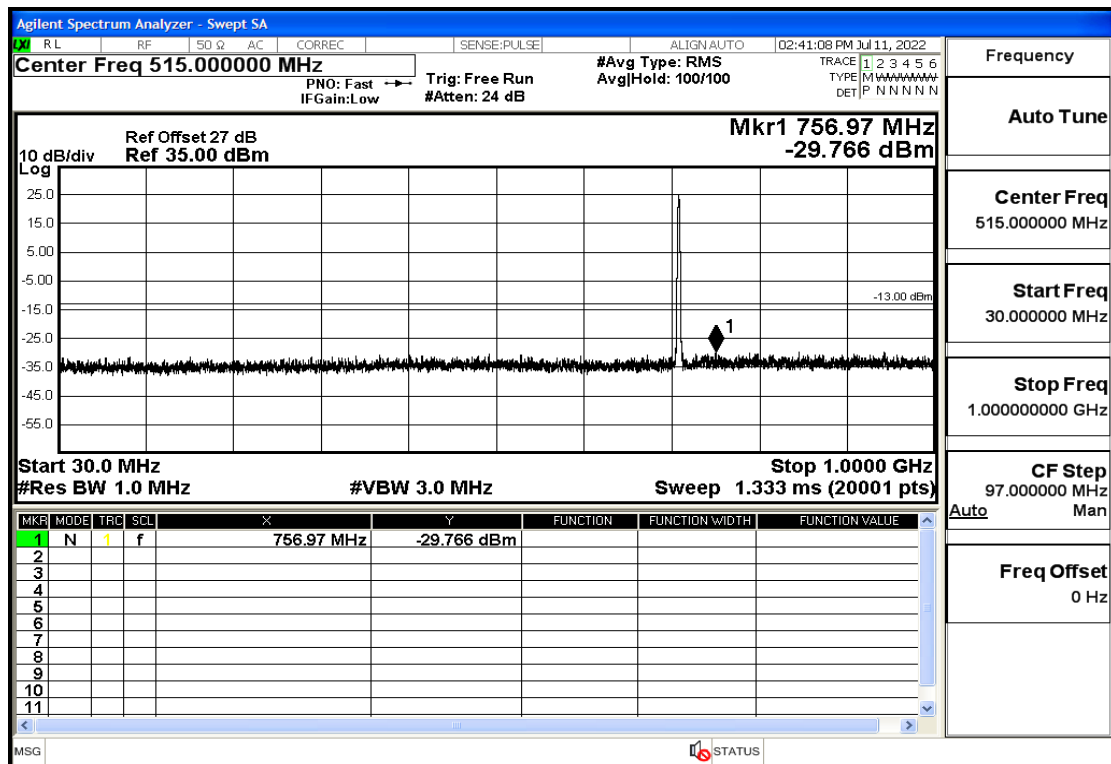
OB12-1.4-707.5-Q16-6#LOW@30mHz-1GHz@Pass



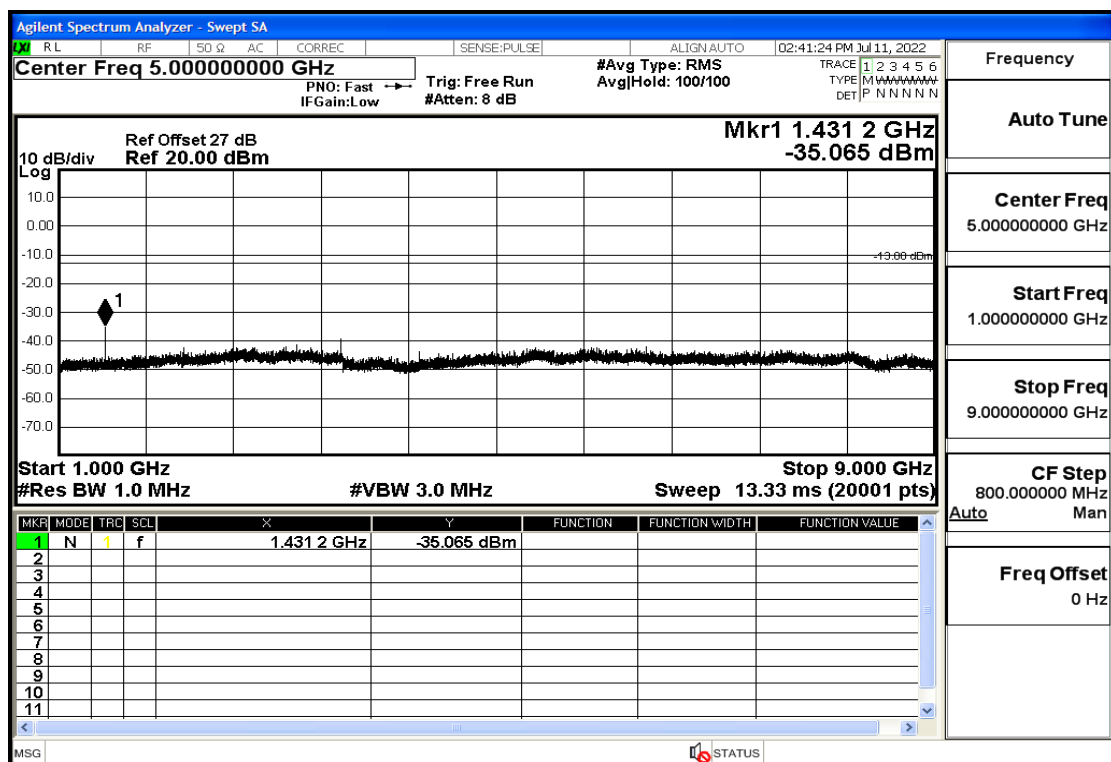
OB12-1.4-707.5-Q16-6#LOW@1GHz-9GHz@Pass



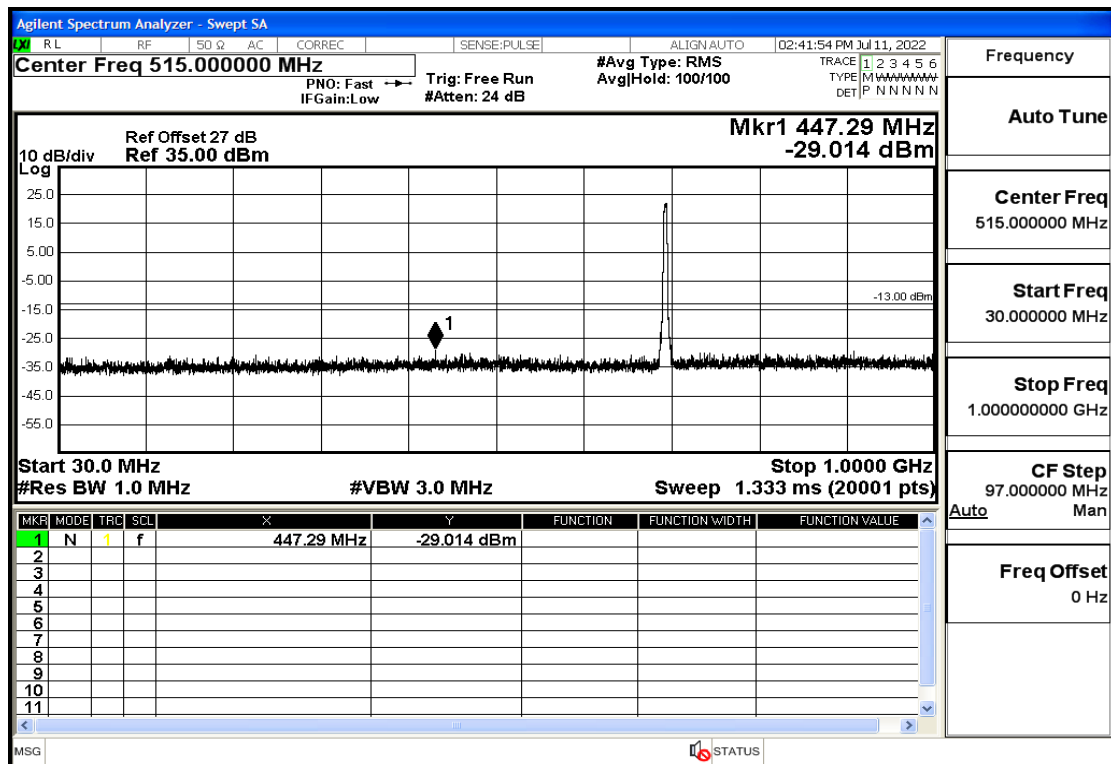
OB12-1.4-715.3-Q16-6#LOW@30mHz-1GHz@Pass



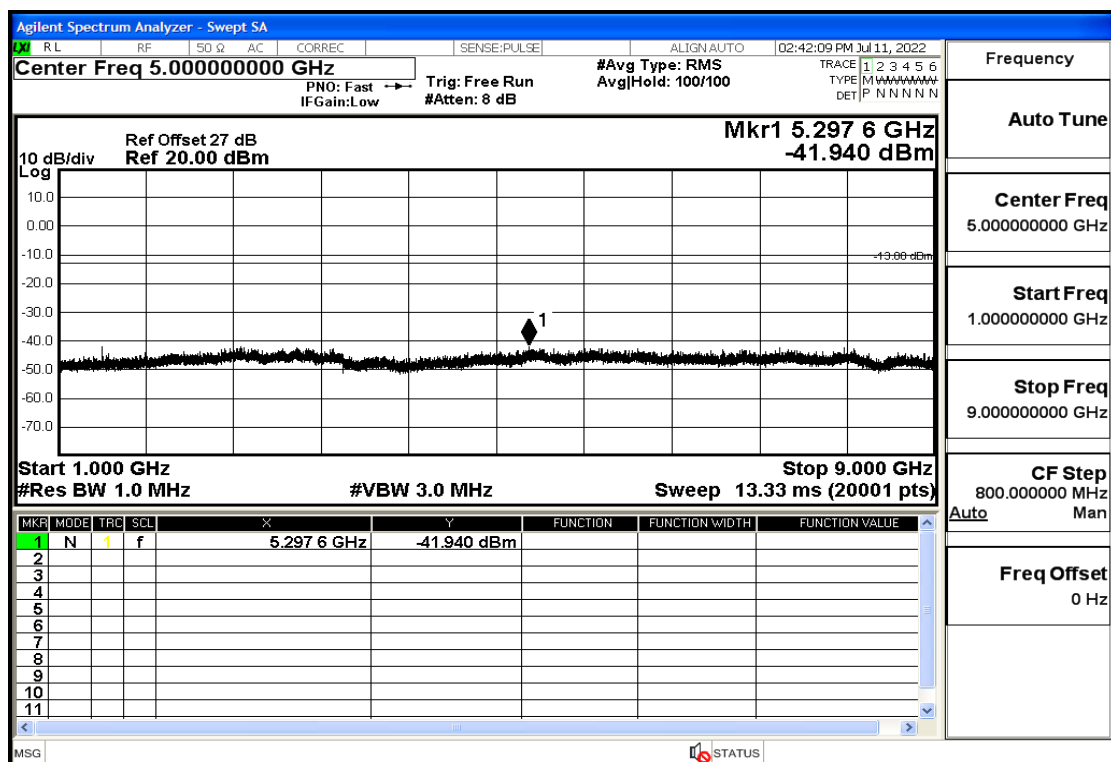
OB12-1.4-715.3-Q16-6#LOW@1GHz-9GHz@Pass



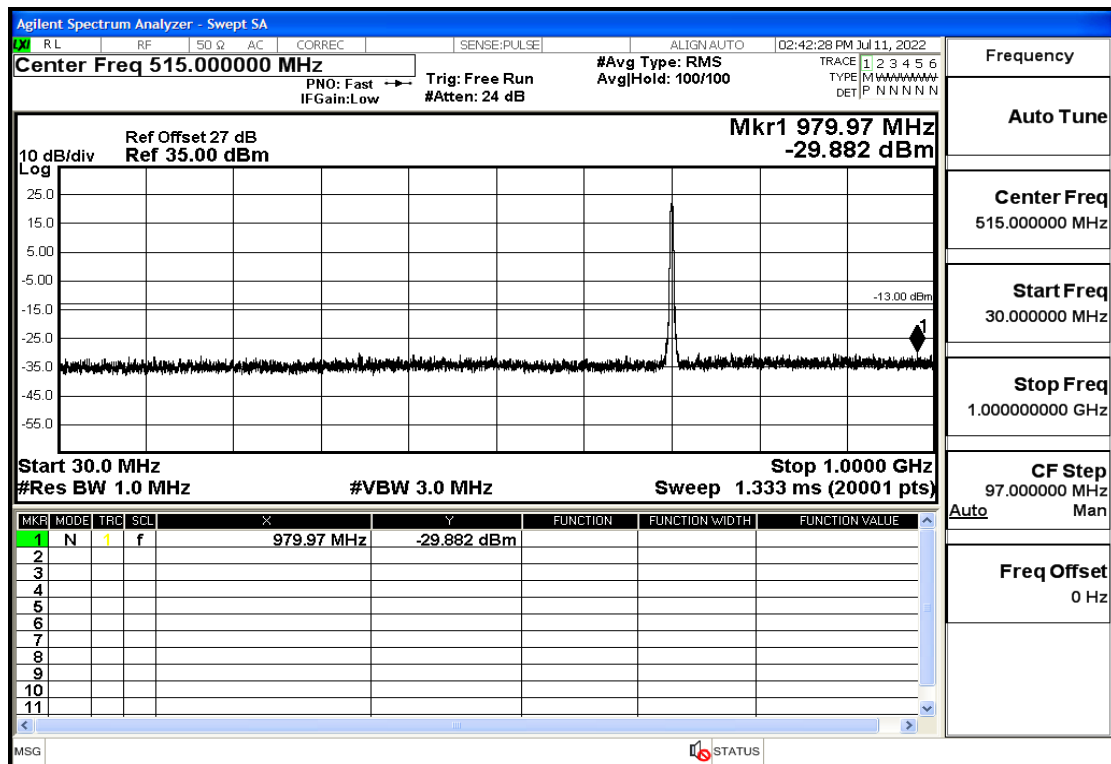
OB12-3-700.5-Q16-15#LOW@30mHz-1GHz@Pass



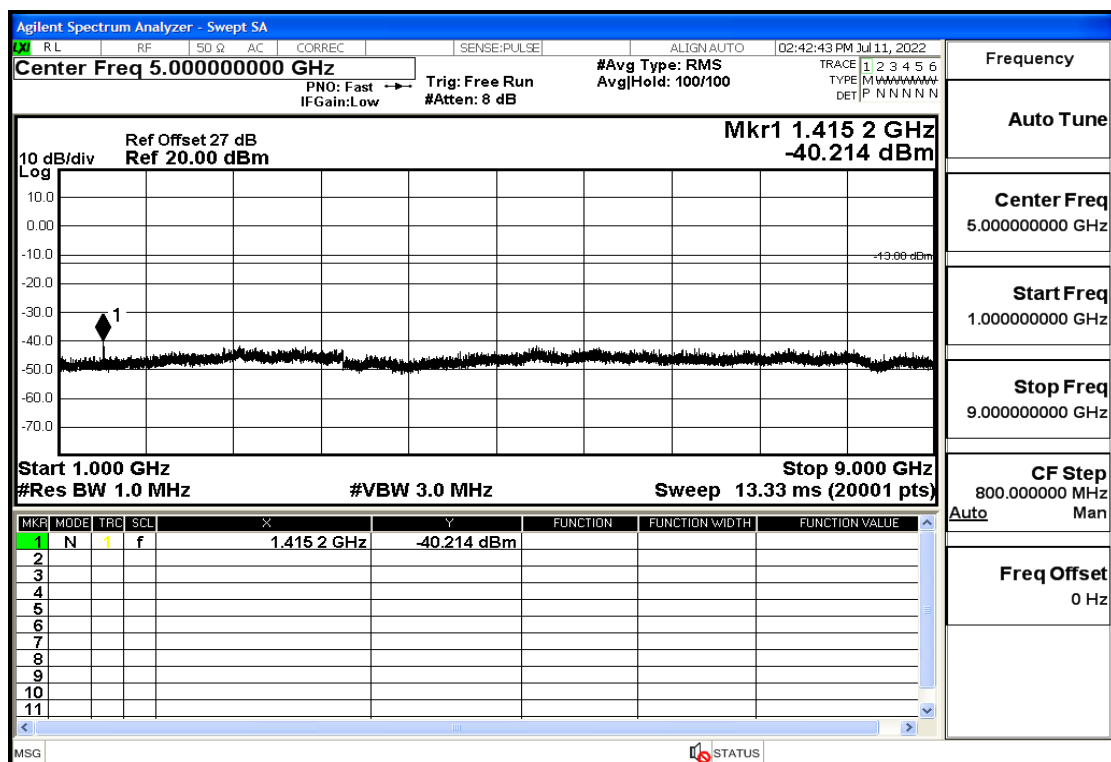
OB12-3-700.5-Q16-15#LOW@1GHz-9GHz@Pass



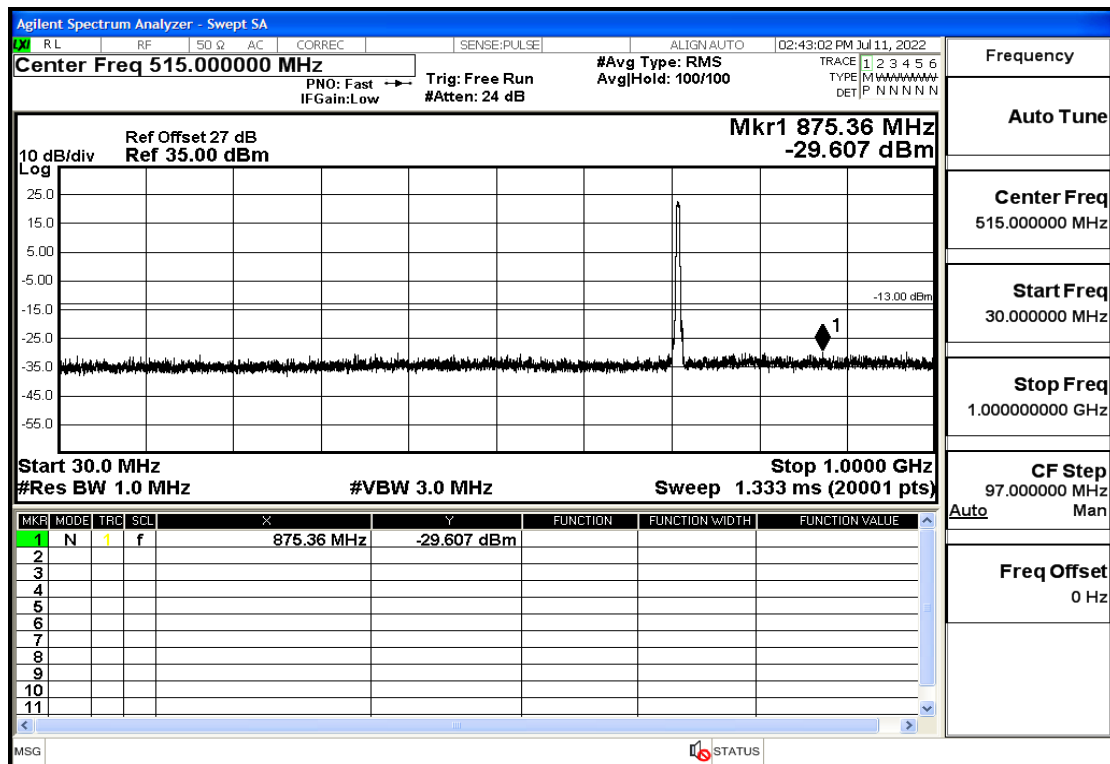
OB12-3-707.5-Q16-15#LOW@30mHz-1GHz@Pass



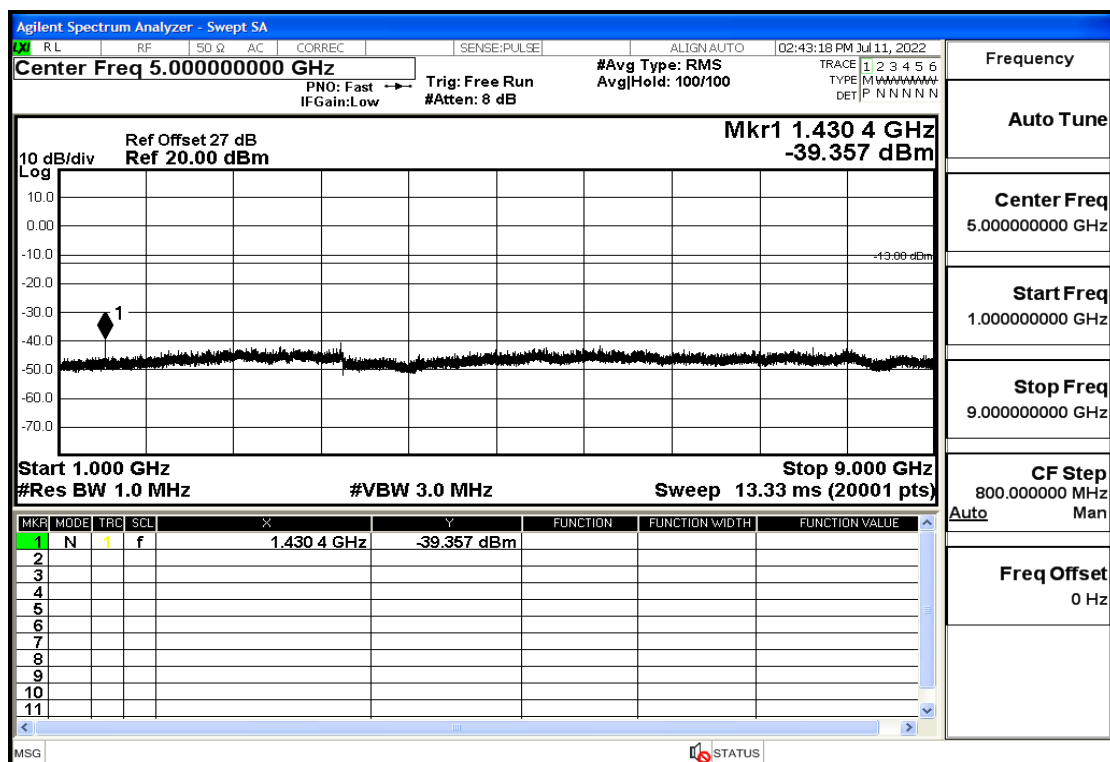
OB12-3-707.5-Q16-15#LOW@1GHz-9GHz@Pass



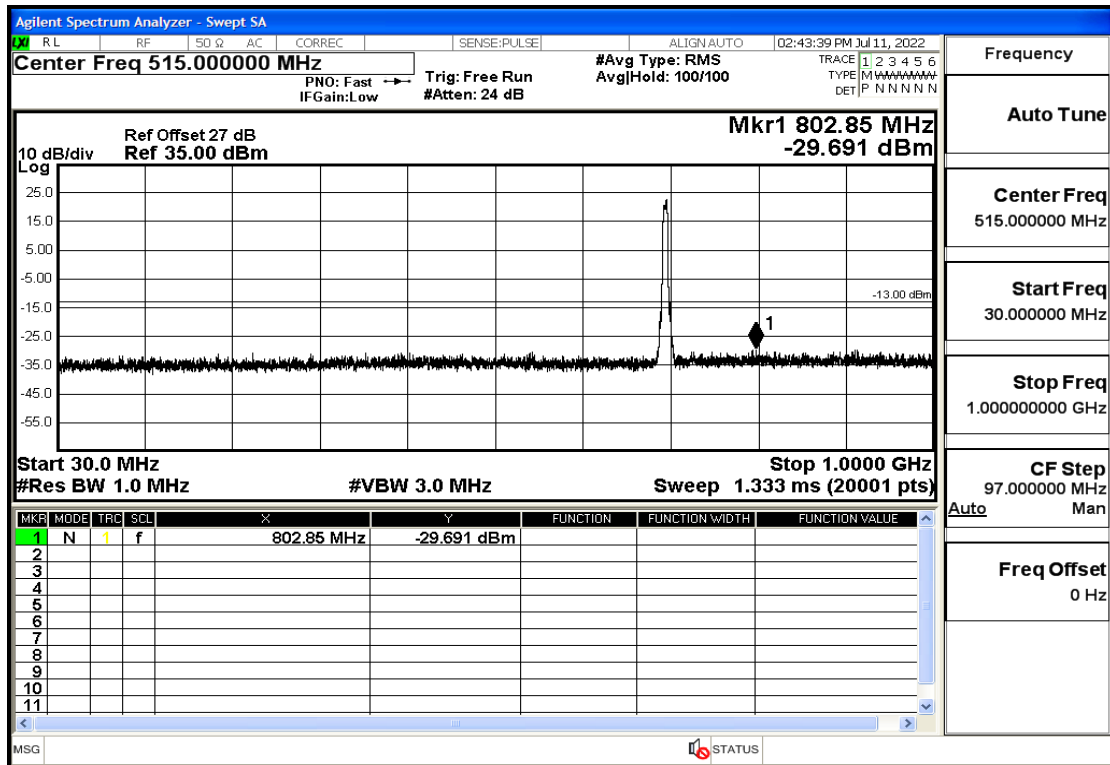
OB12-3-714.5-Q16-15#LOW@30mHz-1GHz@Pass



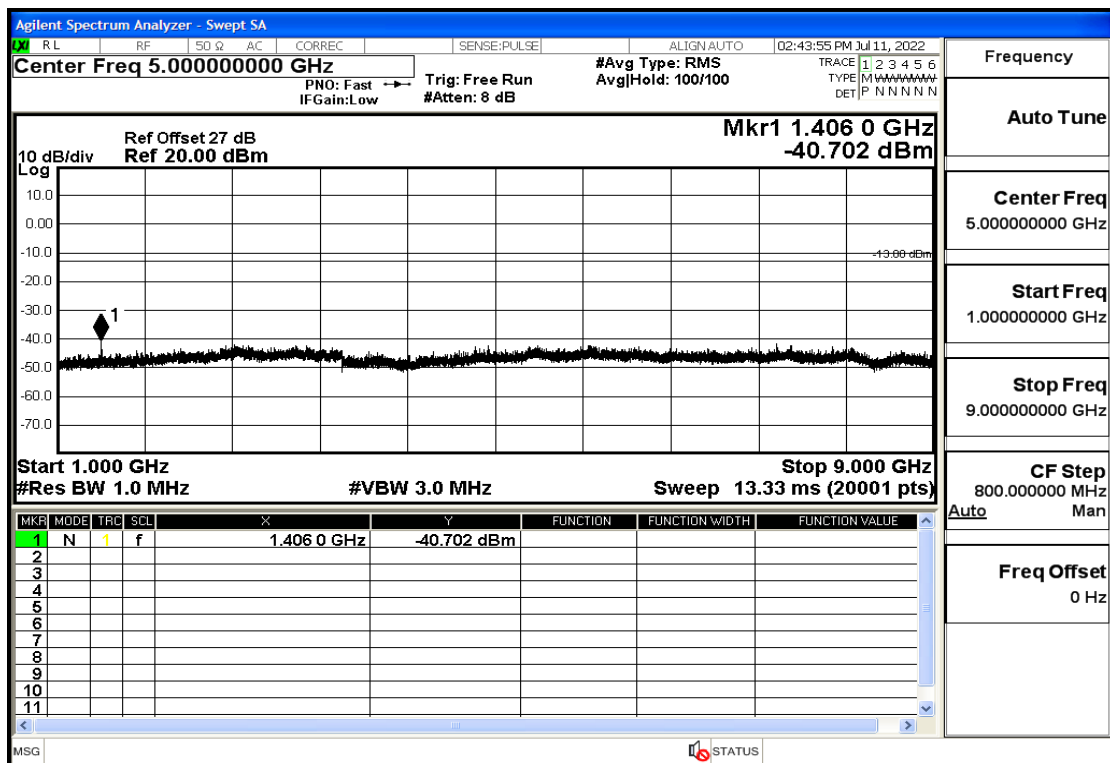
OB12-3-714.5-Q16-15#LOW@1GHz-9GHz@Pass



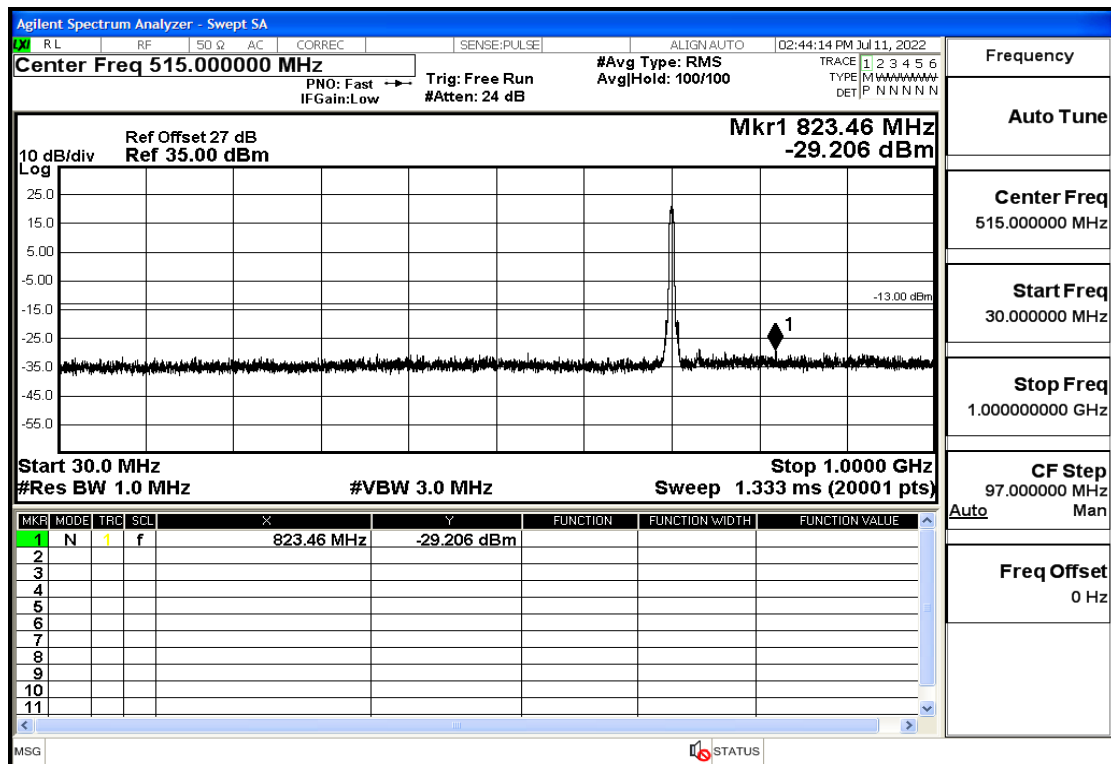
OB12-5-701.5-Q16-25#LOW@30mHz-1GHz@Pass



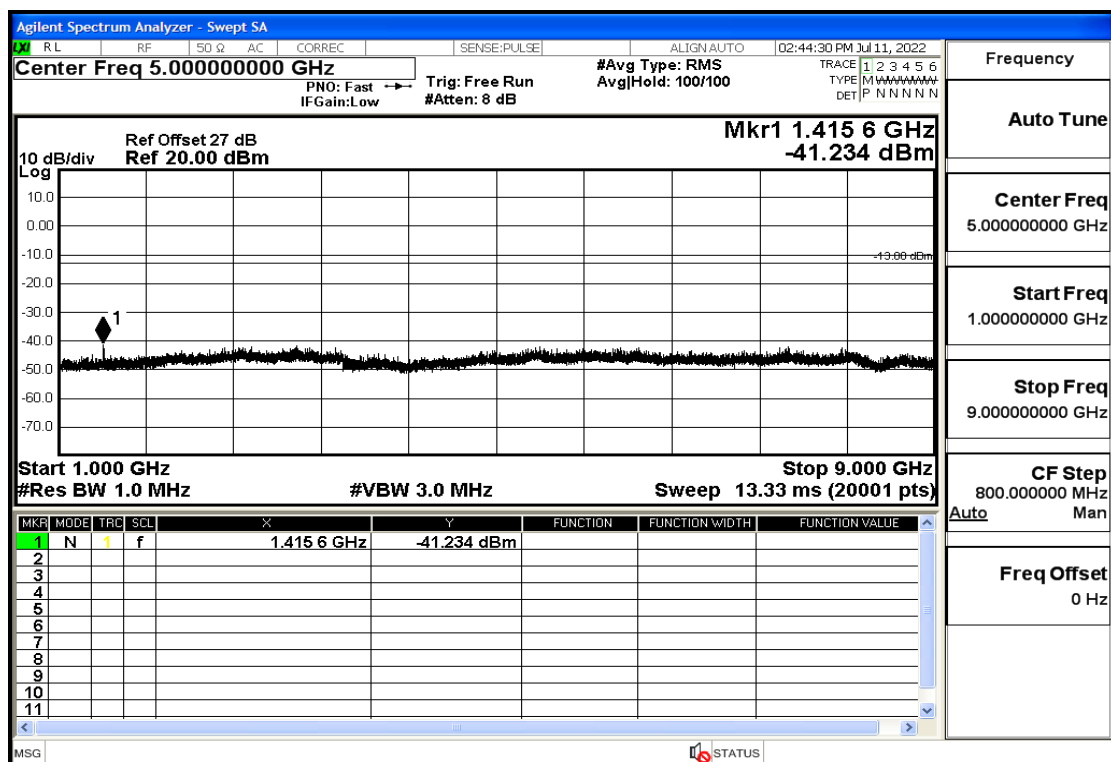
OB12-5-701.5-Q16-25#LOW@1GHz-9GHz@Pass



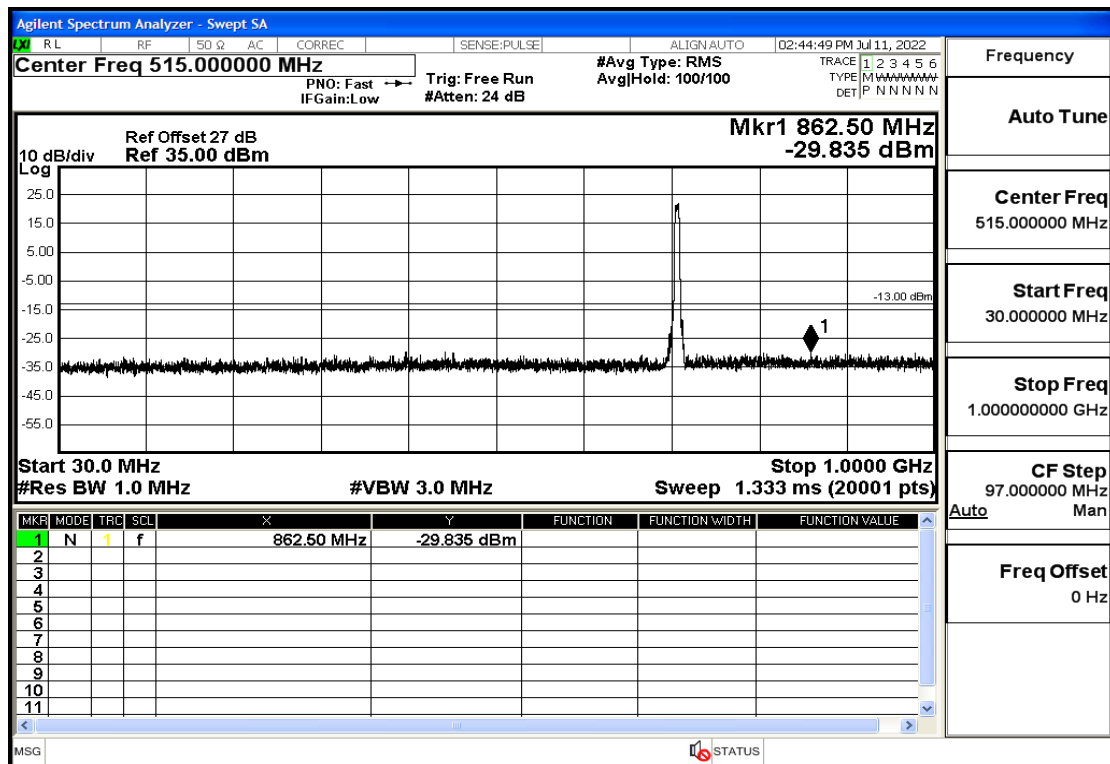
OB12-5-707.5-Q16-25#LOW@30mHz-1GHz@Pass



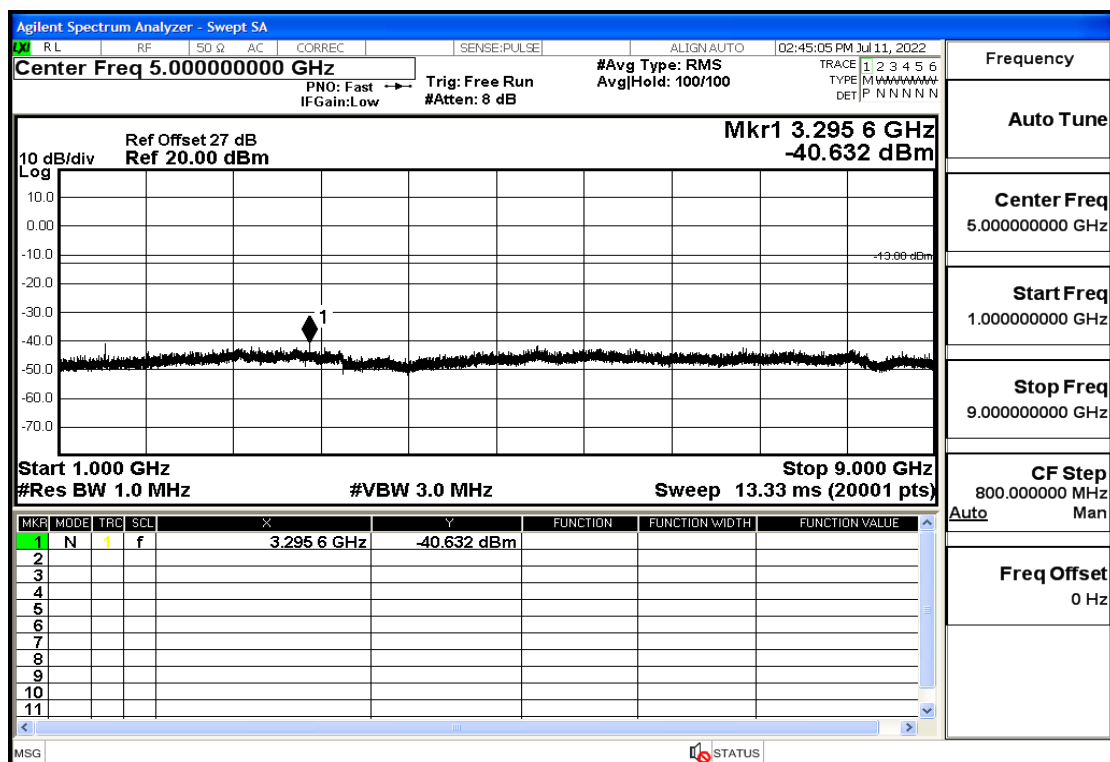
OB12-5-707.5-Q16-25#LOW@1GHz-9GHz@Pass



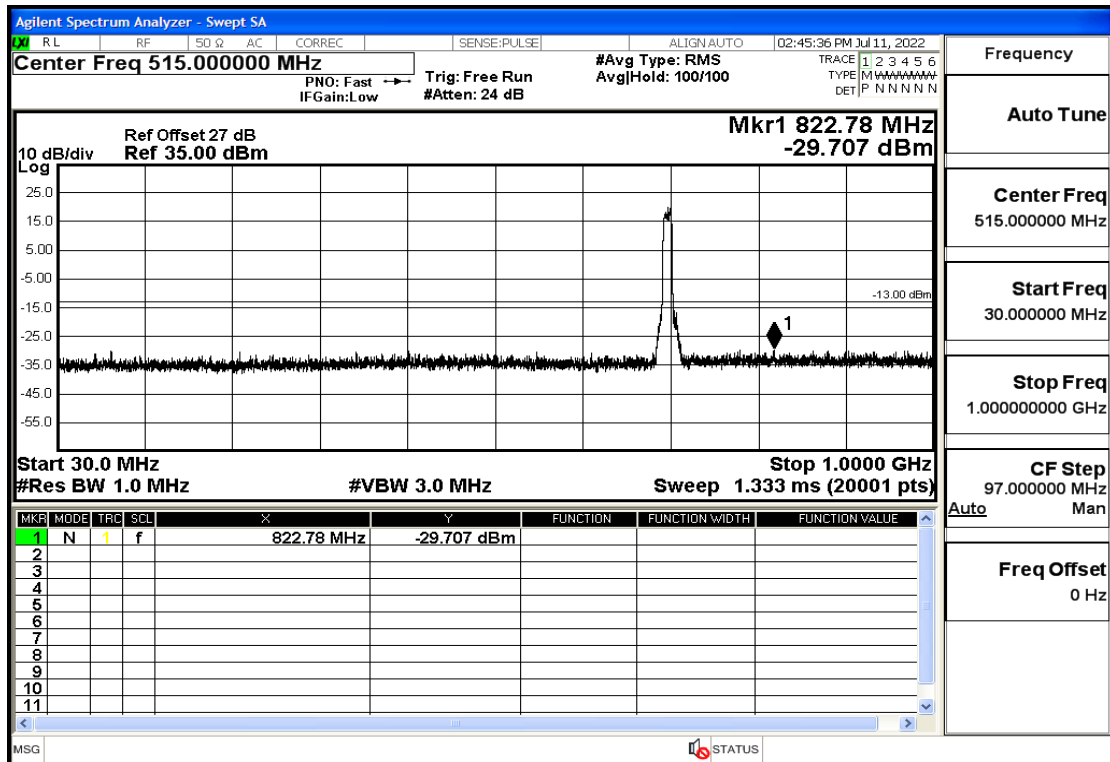
OB12-5-713.5-Q16-25#LOW@30mHz-1GHz@Pass



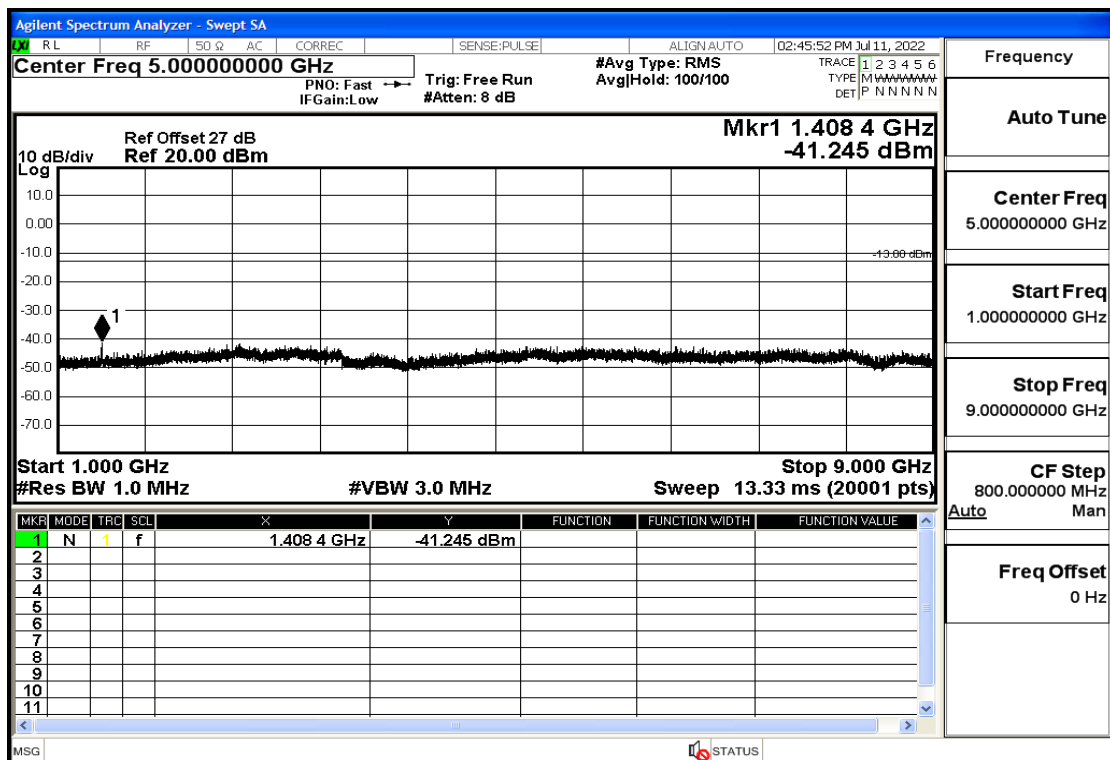
OB12-5-713.5-Q16-25#LOW@1GHz-9GHz@Pass



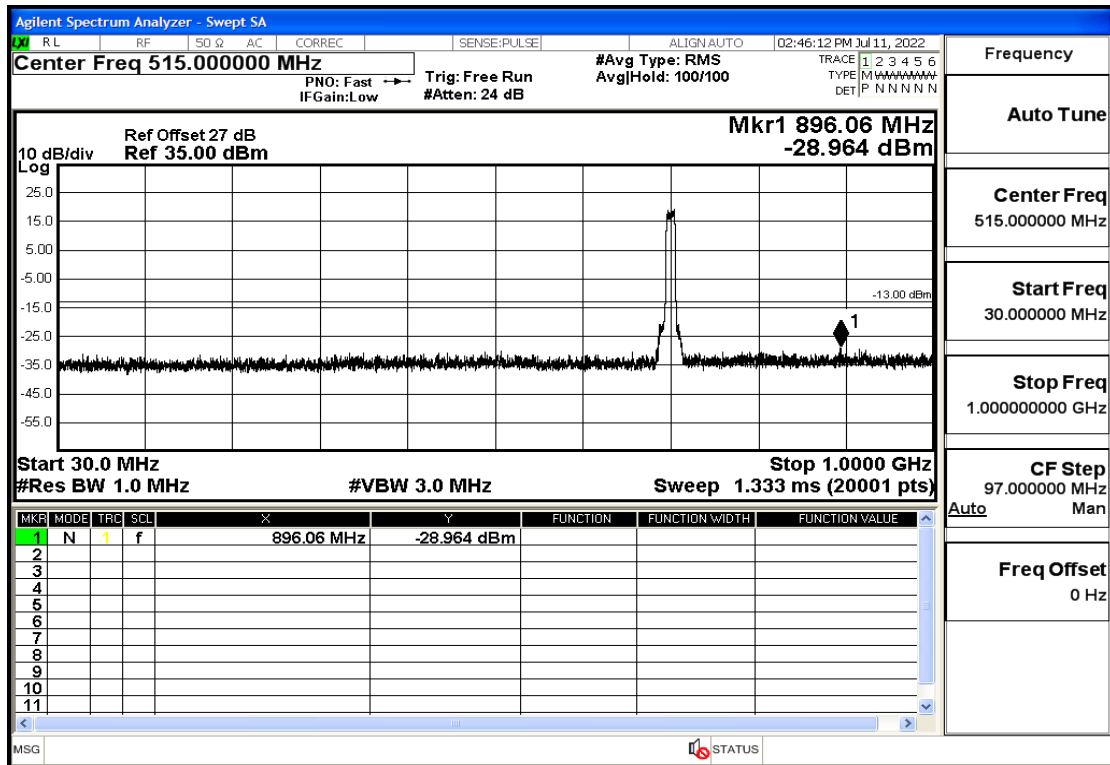
OB12-10-704-Q16-50#LOW@30mHz-1GHz@Pass



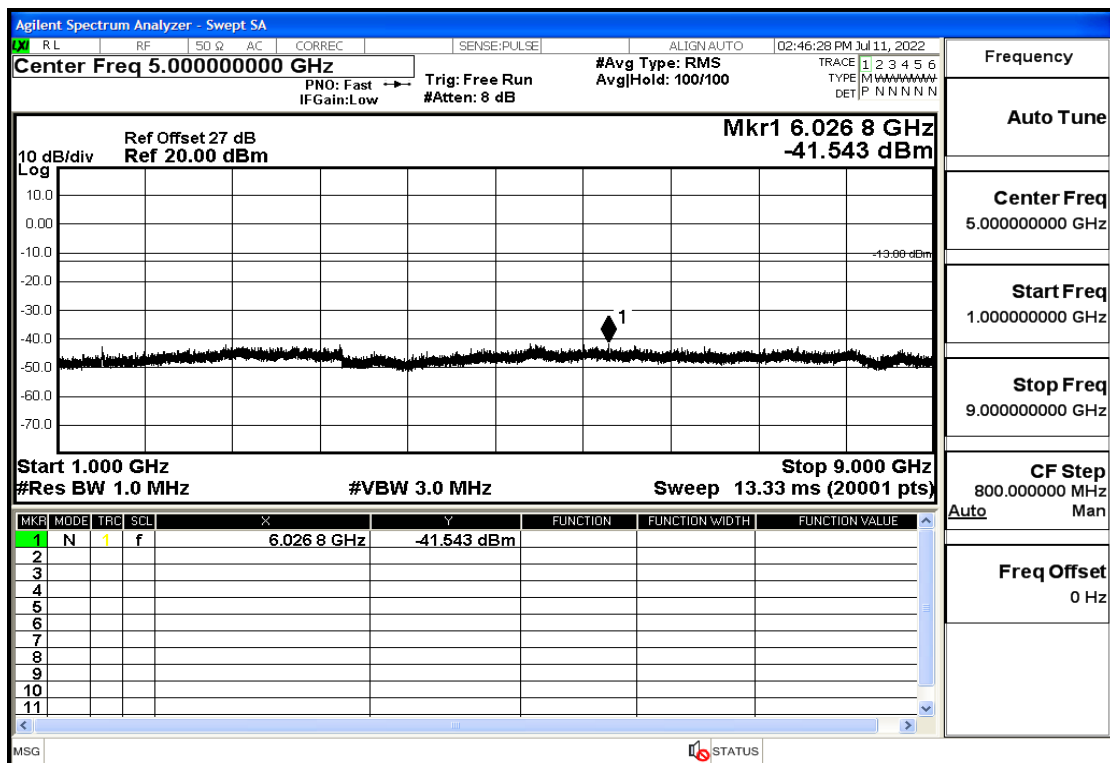
OB12-10-704-Q16-50#LOW@1GHz-9GHz@Pass



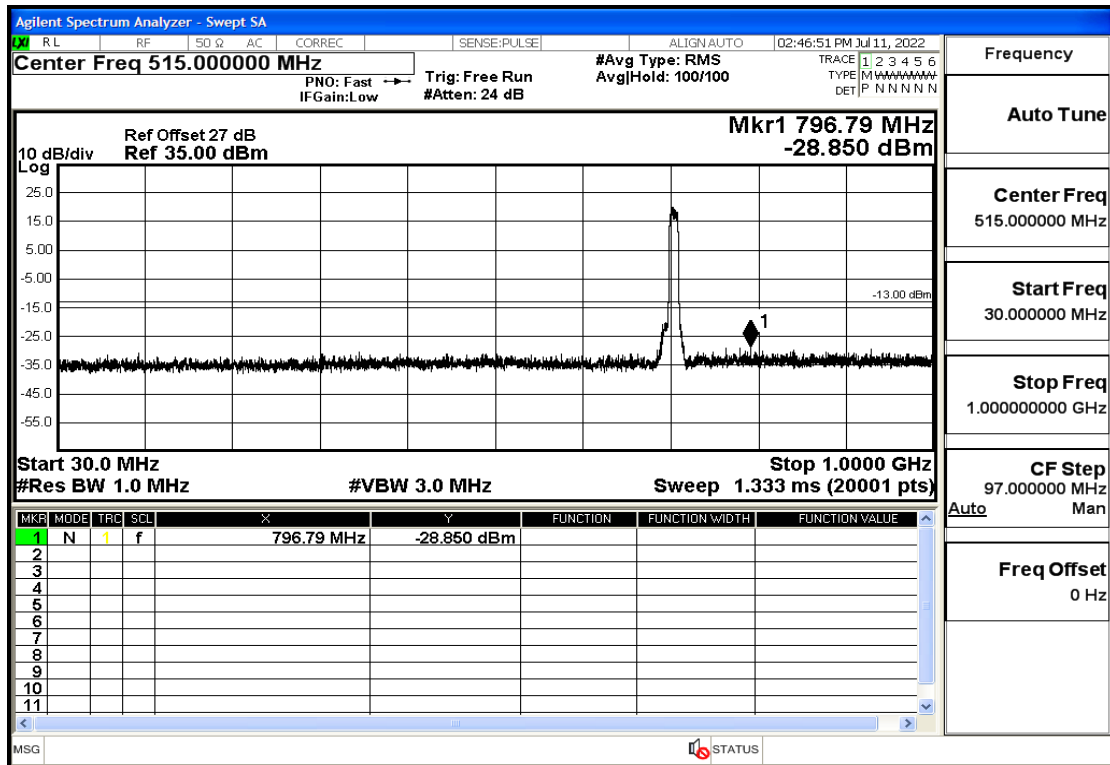
OB12-10-707.5-Q16-50#LOW@30mHz-1GHz@Pass



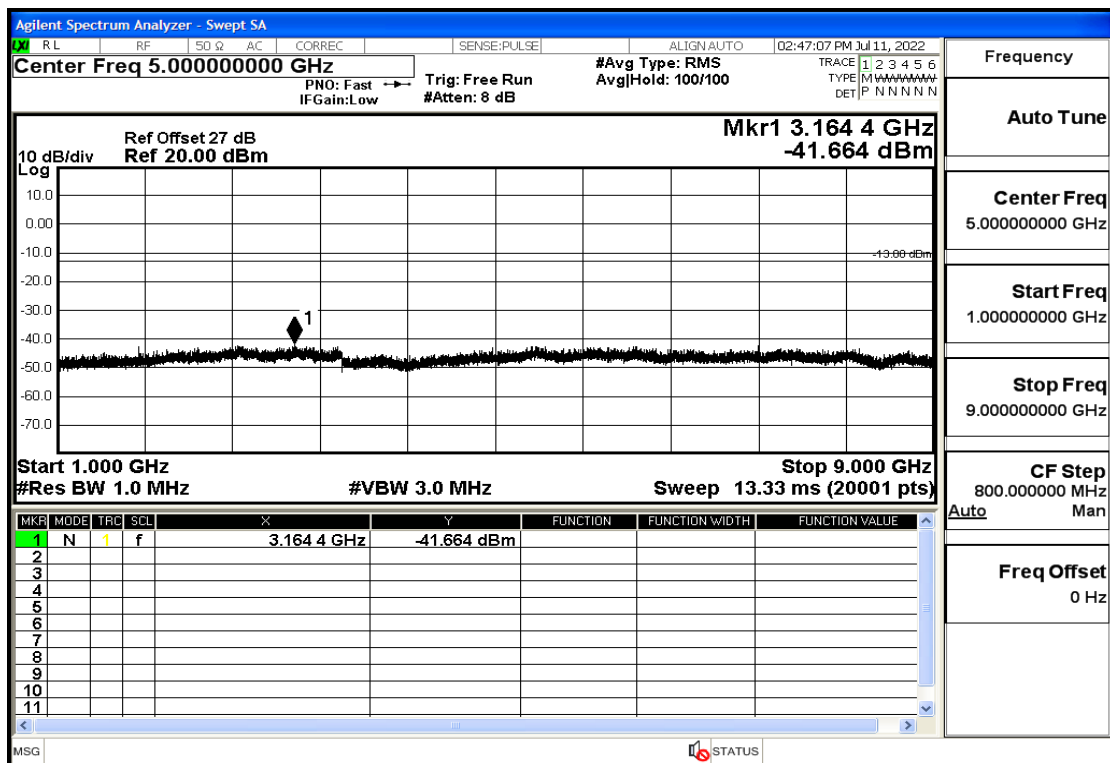
OB12-10-707.5-Q16-50#LOW@1GHz-9GHz@Pass



OB12-10-711-Q16-50#LOW@30mHz-1GHz@Pass



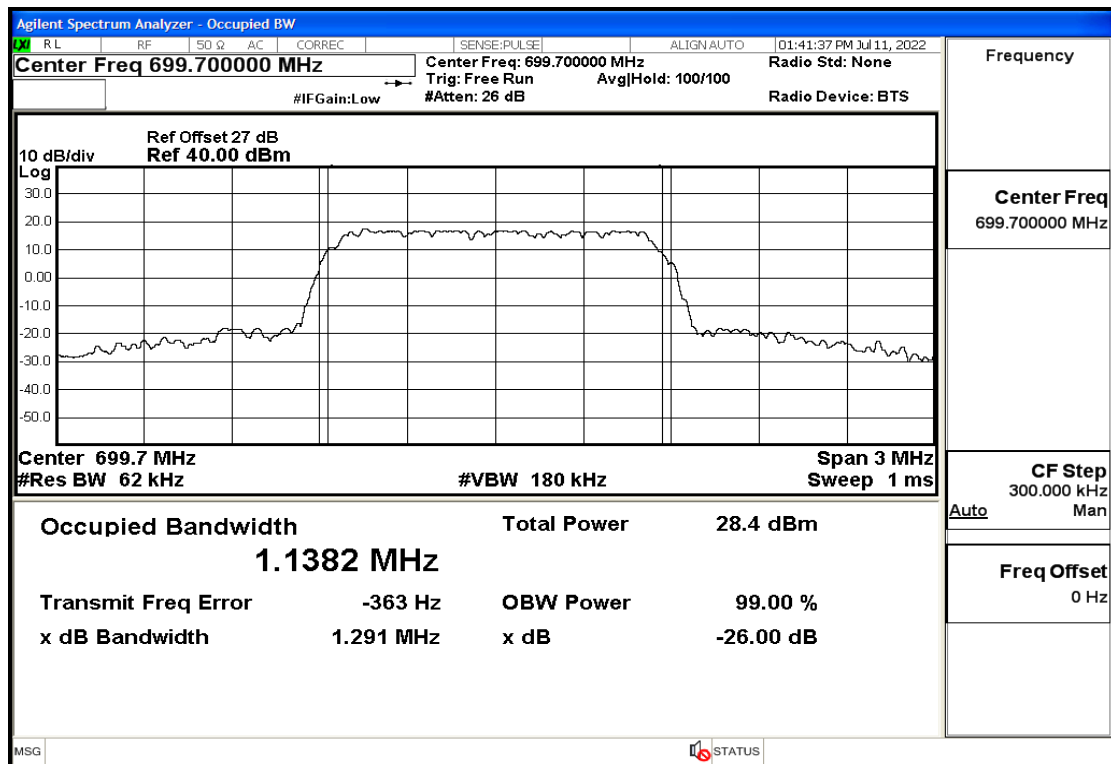
OB12-10-711-Q16-50#LOW@1GHz-9GHz@Pass



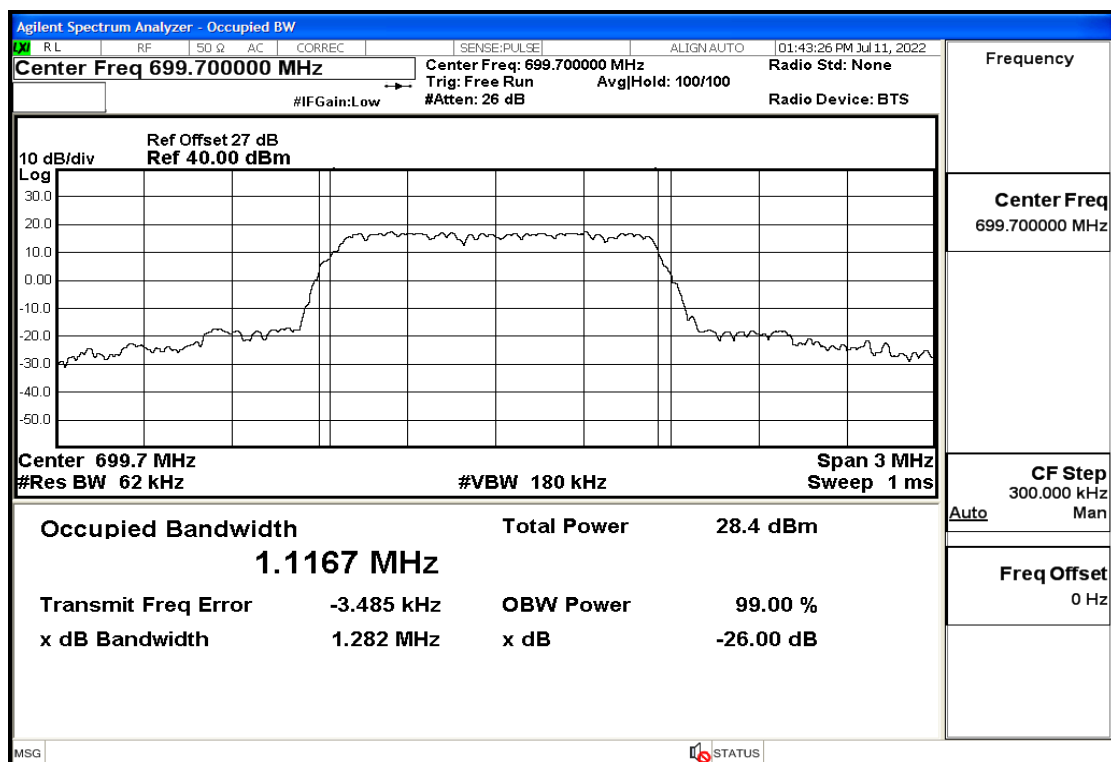
Emission bandwidth and OBW

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	1138.2	1291	No limit
Band12	1.4	699.7	16QAM	6	LOW	1116.7	1282	No limit
Band12	1.4	707.5	QPSK	6	LOW	1111.6	1276	No limit
Band12	1.4	707.5	16QAM	6	LOW	1105	1277	No limit
Band12	1.4	715.3	QPSK	6	LOW	1113.6	1281	No limit
Band12	1.4	715.3	16QAM	6	LOW	1112.7	1286	No limit
Band12	3	700.5	QPSK	15	LOW	2772.4	3091	No limit
Band12	3	700.5	16QAM	15	LOW	2757.2	3107	No limit
Band12	3	707.5	QPSK	15	LOW	2762.4	3093	No limit
Band12	3	707.5	16QAM	15	LOW	2757.5	3100	No limit
Band12	3	714.5	QPSK	15	LOW	2774.5	3094	No limit
Band12	3	714.5	16QAM	15	LOW	2769.1	3115	No limit
Band12	5	701.5	QPSK	25	LOW	4608.6	5058	No limit
Band12	5	701.5	16QAM	25	LOW	4578.8	5108	No limit
Band12	5	707.5	QPSK	25	LOW	4578.4	5087	No limit
Band12	5	707.5	16QAM	25	LOW	4567.5	5112	No limit
Band12	5	713.5	QPSK	25	LOW	4583.2	5120	No limit
Band12	5	713.5	16QAM	25	LOW	4584.3	5092	No limit
Band12	10	704	QPSK	50	LOW	9114.8	9984	No limit
Band12	10	704	16QAM	50	LOW	9096.3	10070	No limit
Band12	10	707.5	QPSK	50	LOW	9058.6	9991	No limit
Band12	10	707.5	16QAM	50	LOW	9065	10070	No limit
Band12	10	711	QPSK	50	LOW	9077.2	10150	No limit
Band12	10	711	16QAM	50	LOW	9079.2	10040	No limit

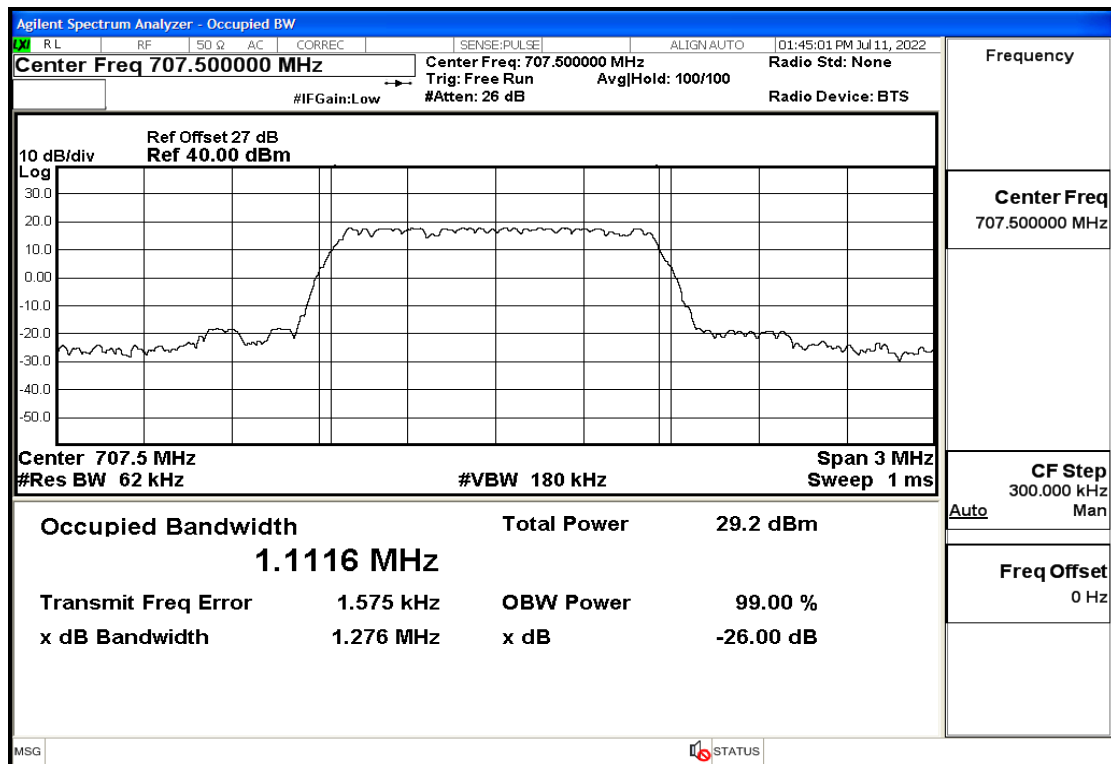
Band12-1.4-699.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



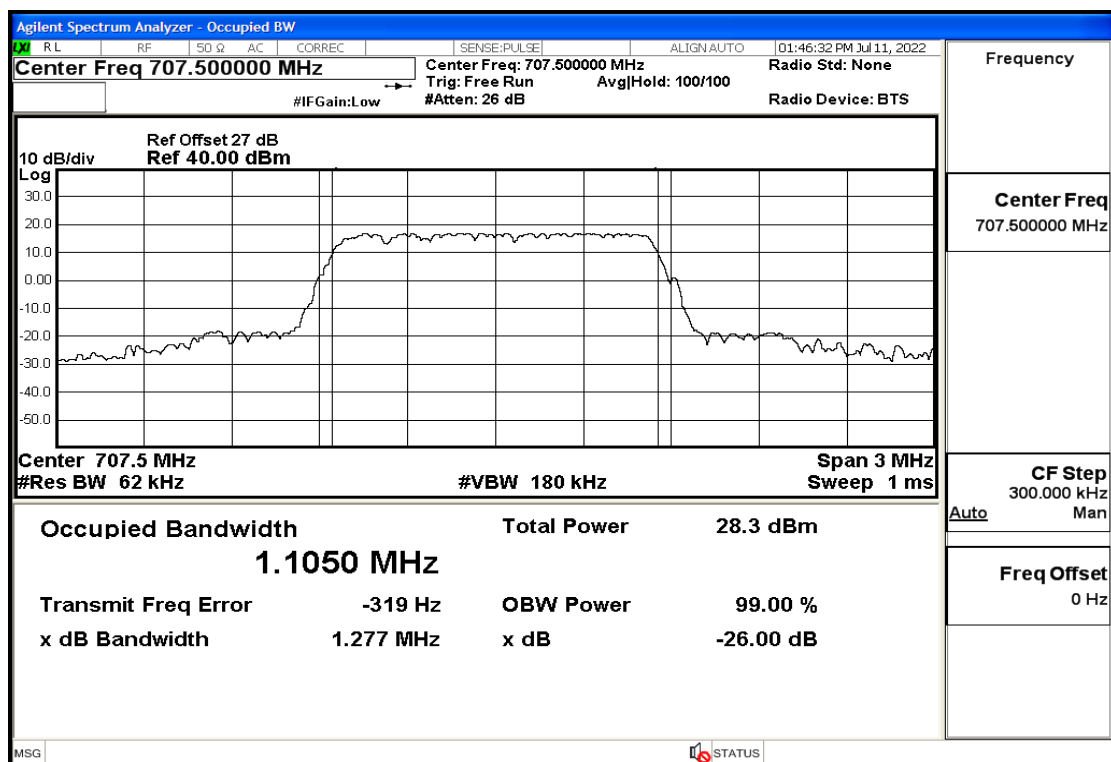
Band12-1.4-699.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



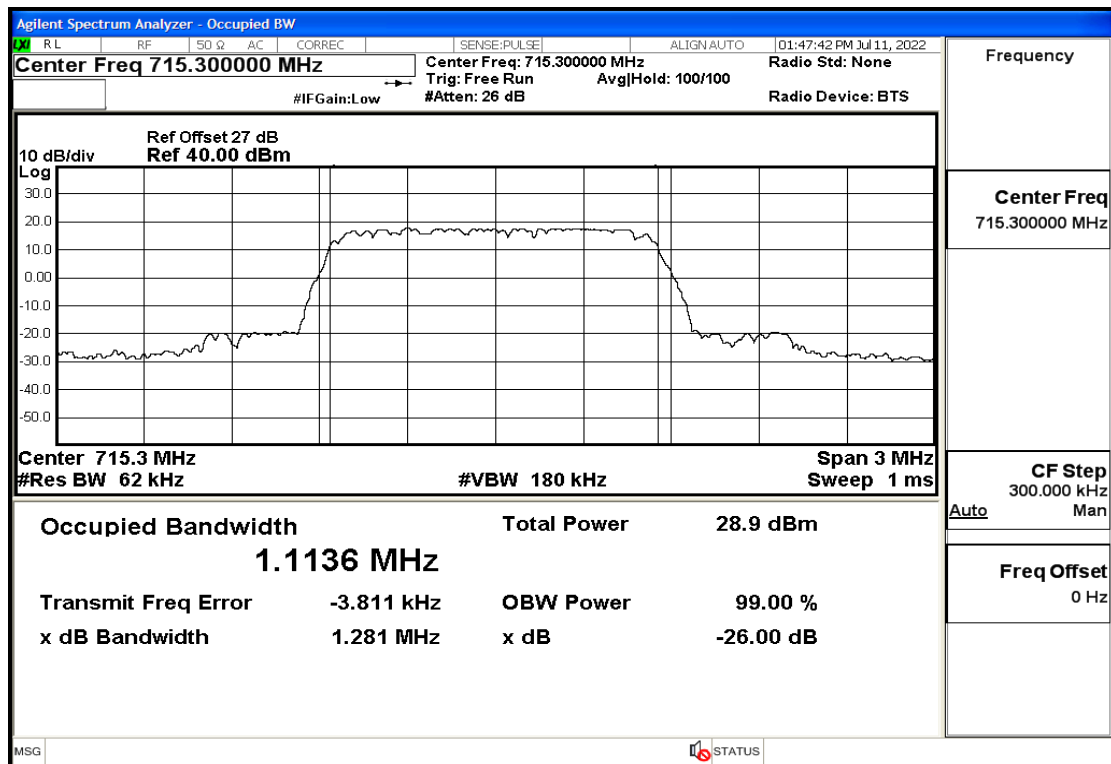
Band12-1.4-707.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



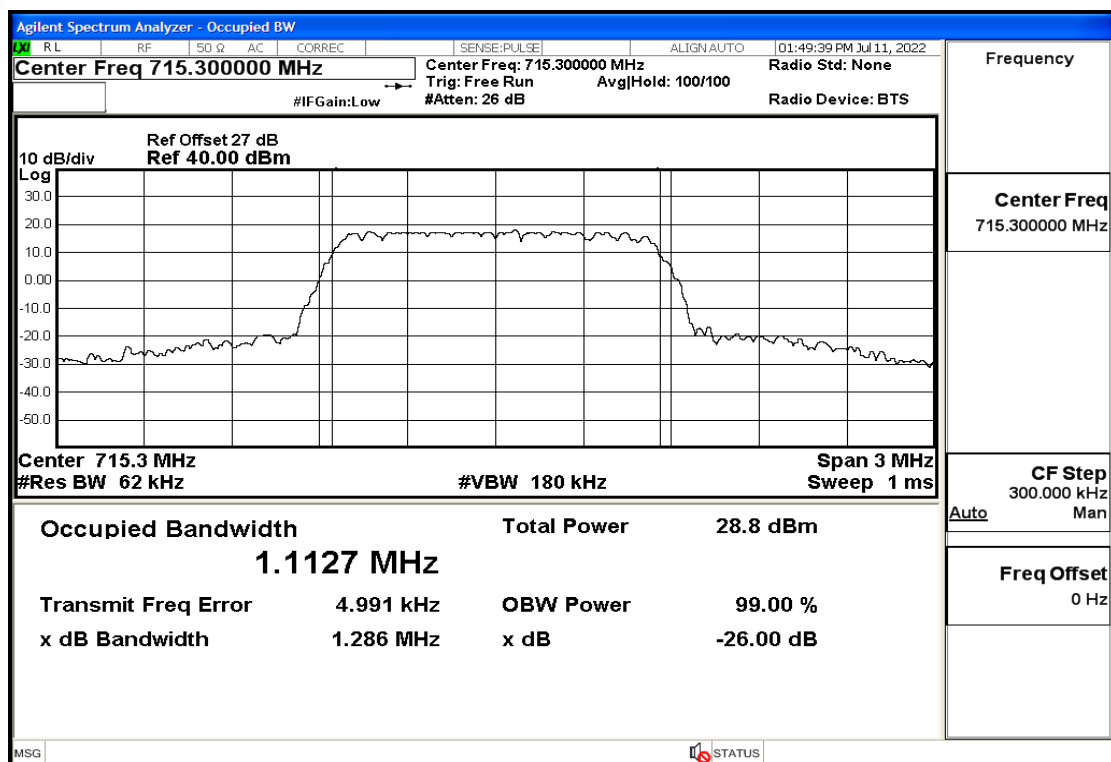
Band12-1.4-707.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



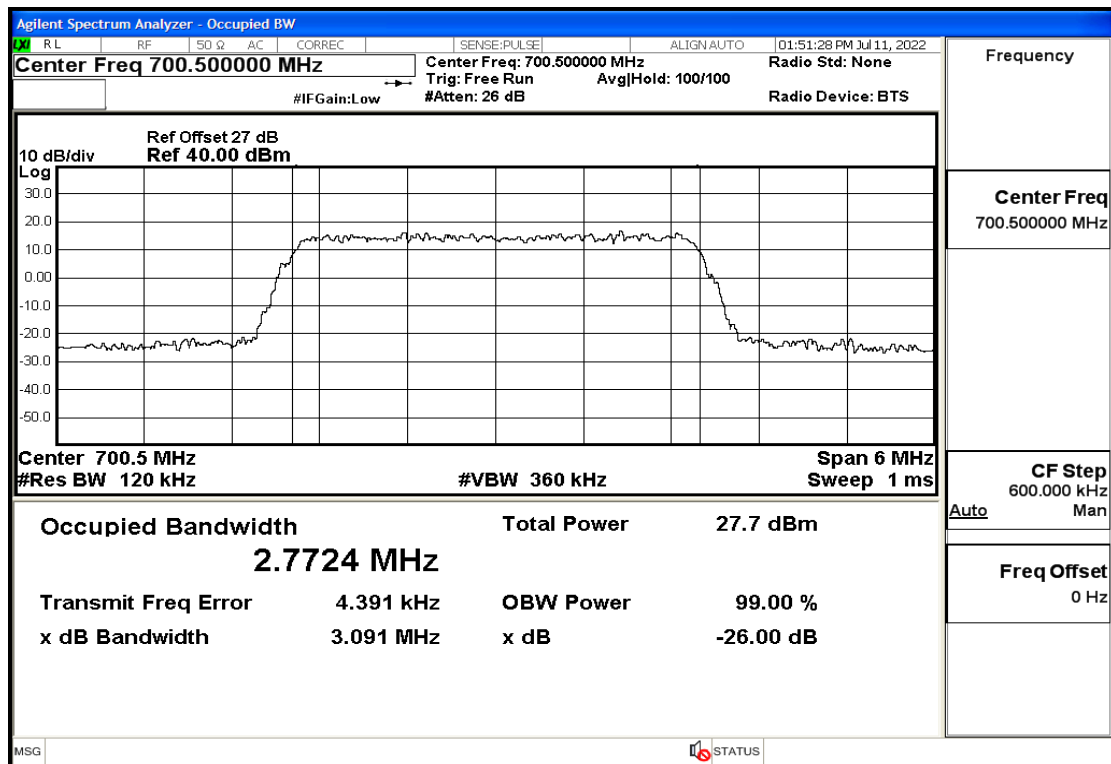
Band12-1.4-715.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



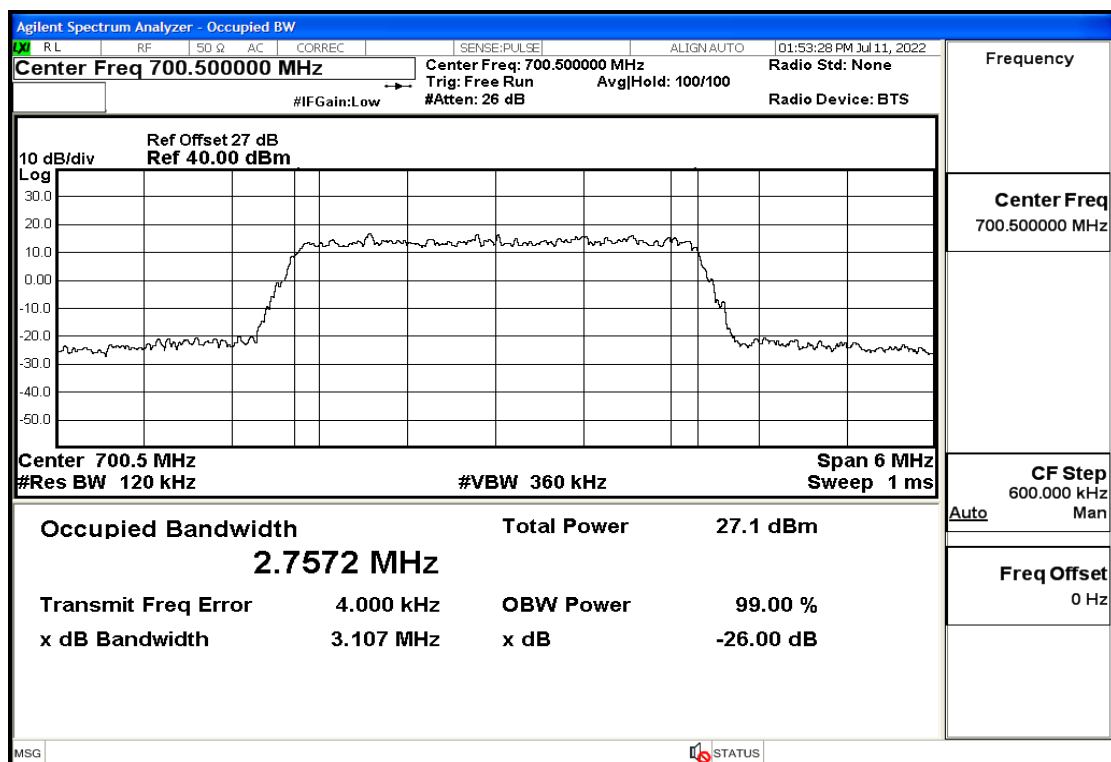
Band12-1.4-715.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



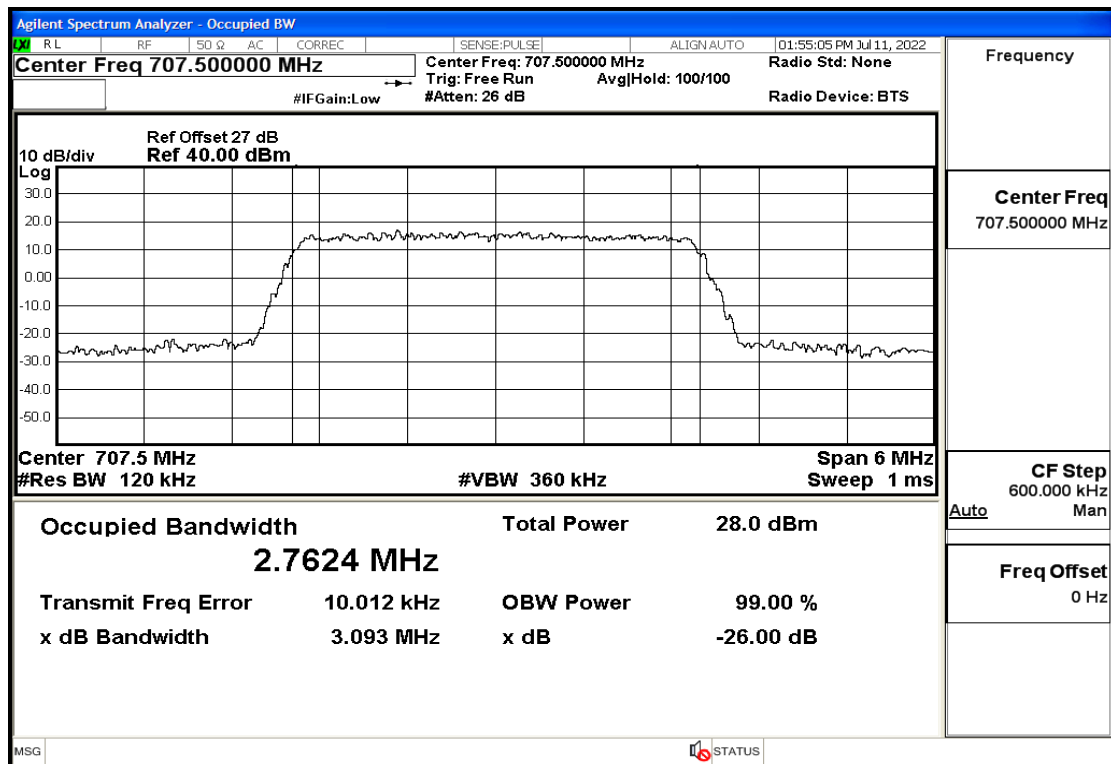
Band12-3-700.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



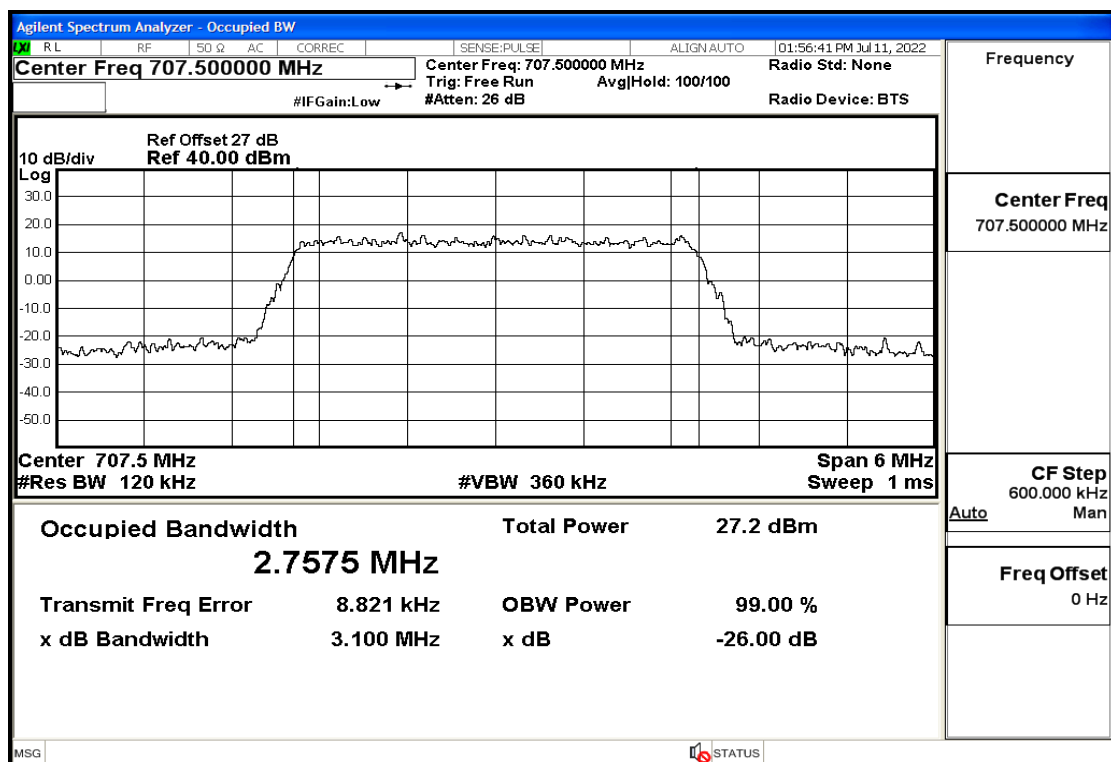
Band12-3-700.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



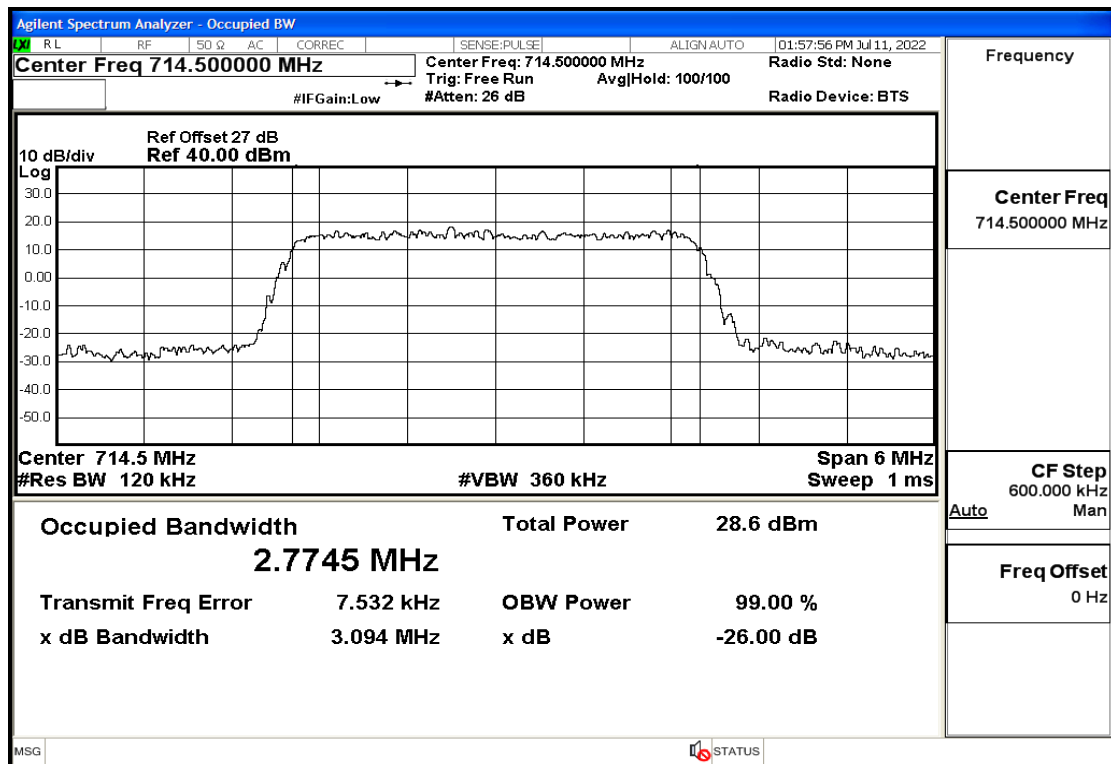
Band12-3-707.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



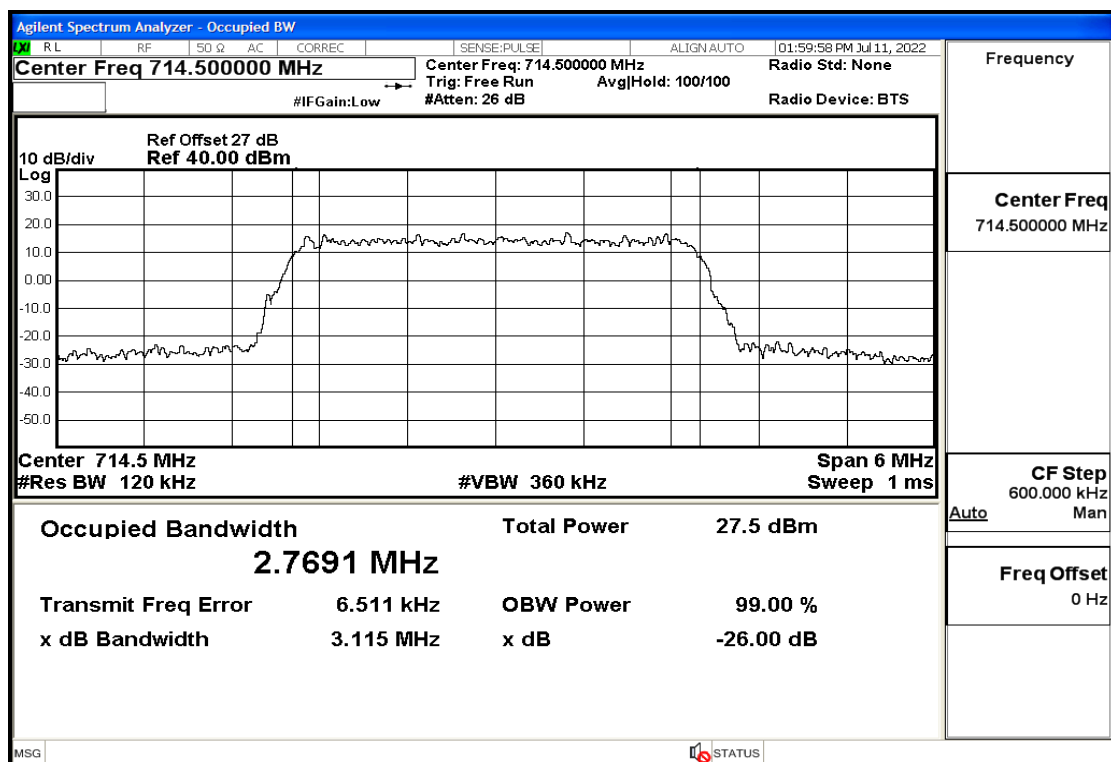
Band12-3-707.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



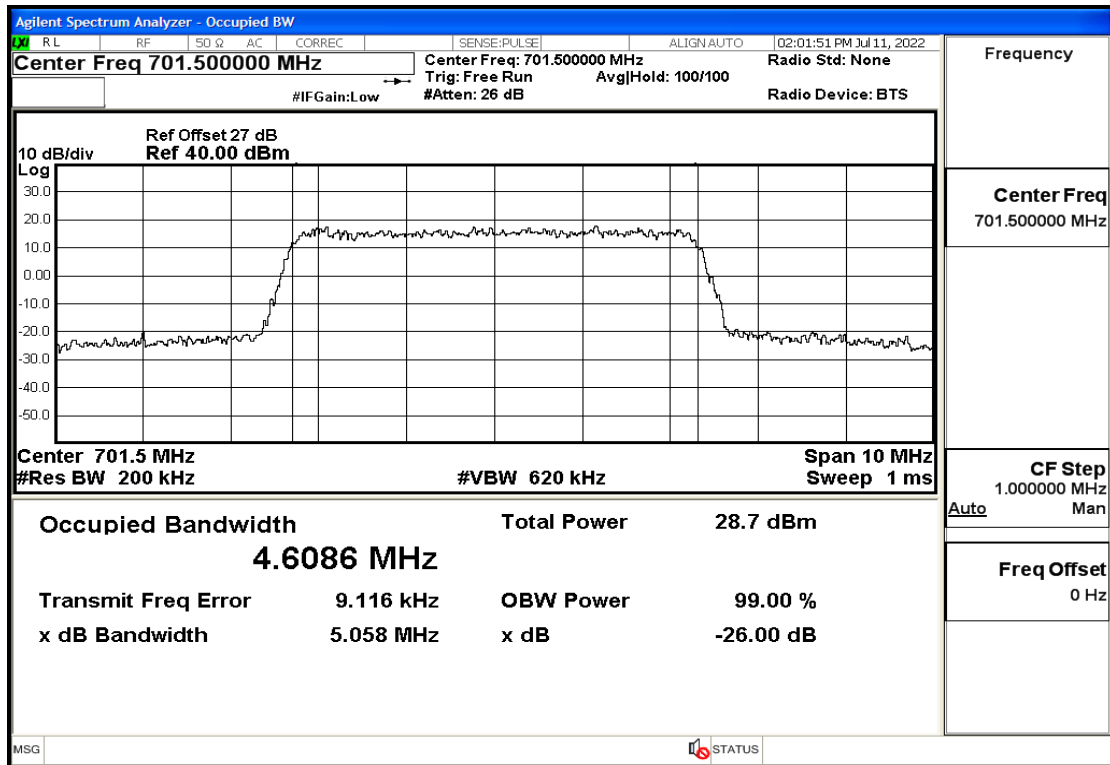
Band12-3-714.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



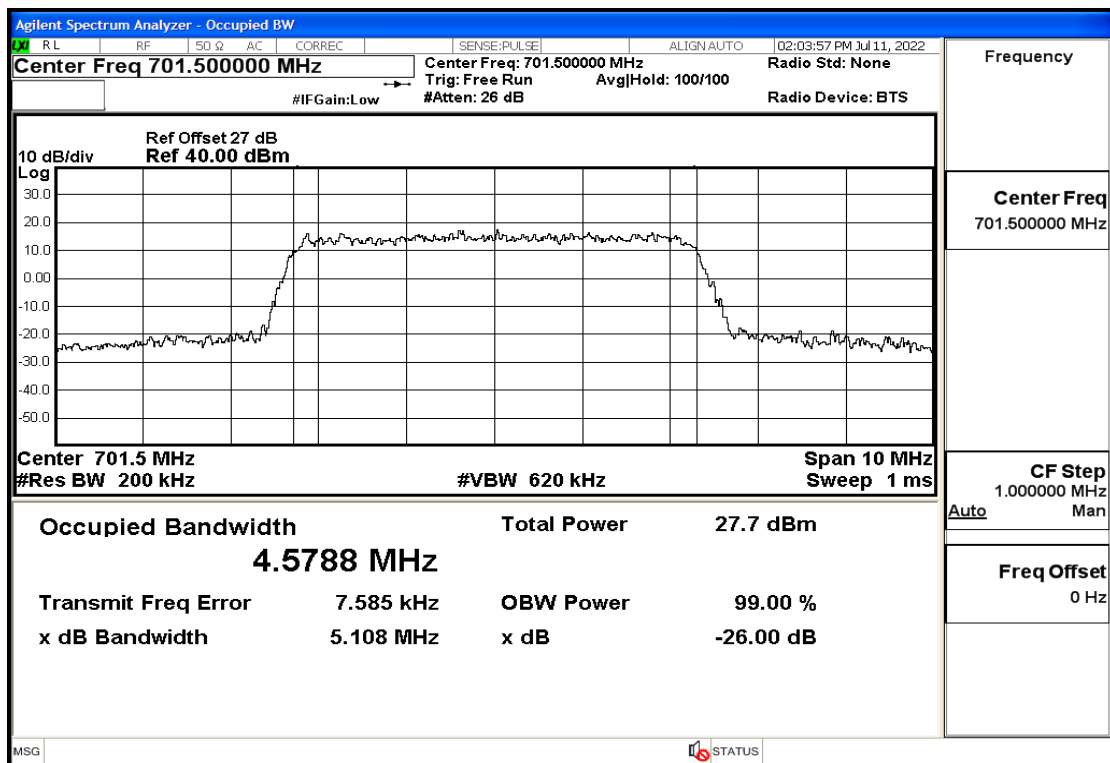
Band12-3-714.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



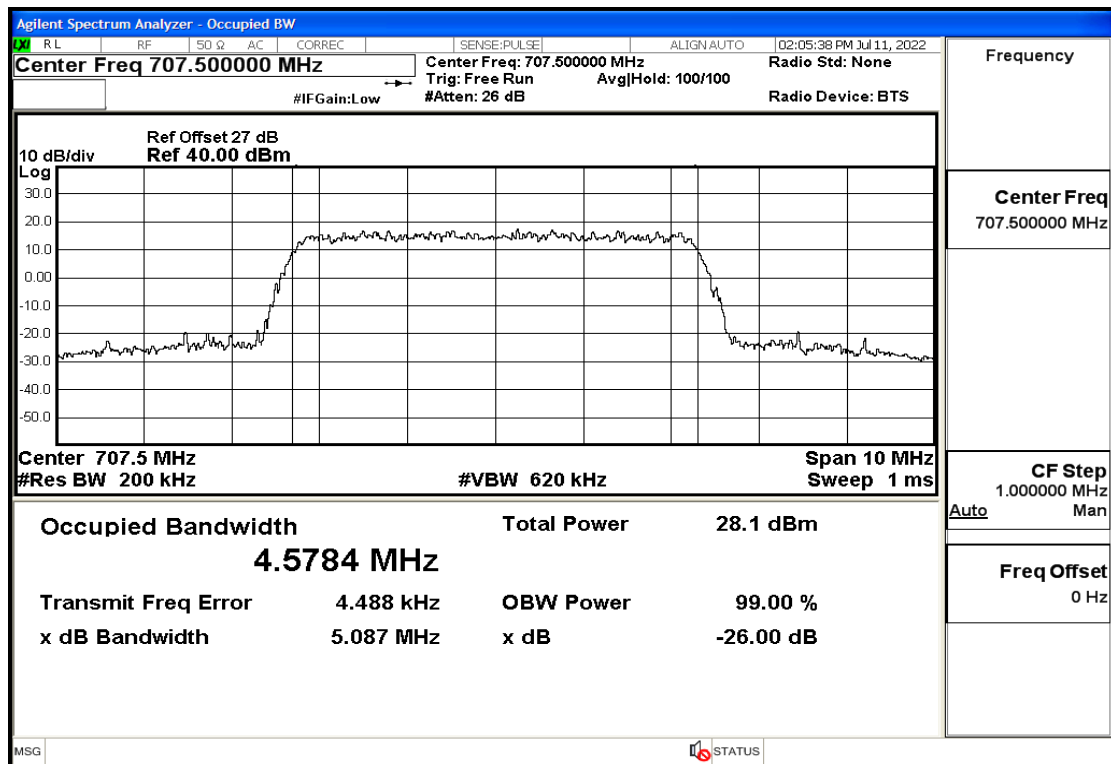
Band12-5-701.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



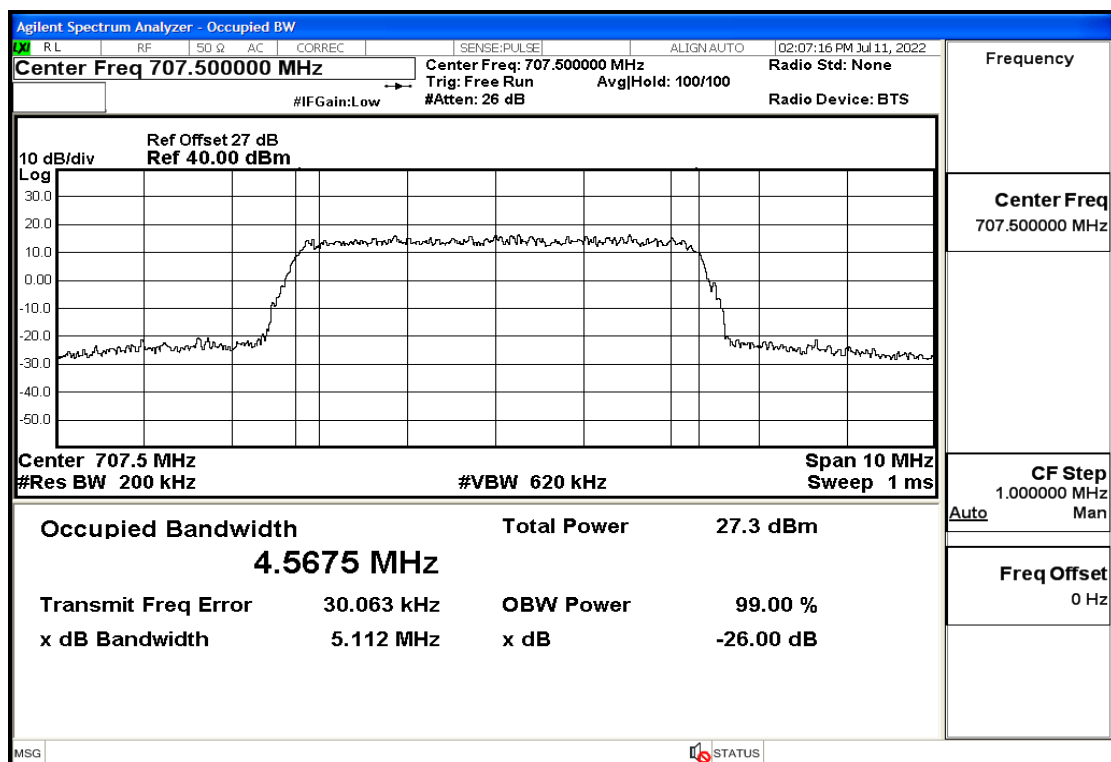
Band12-5-701.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



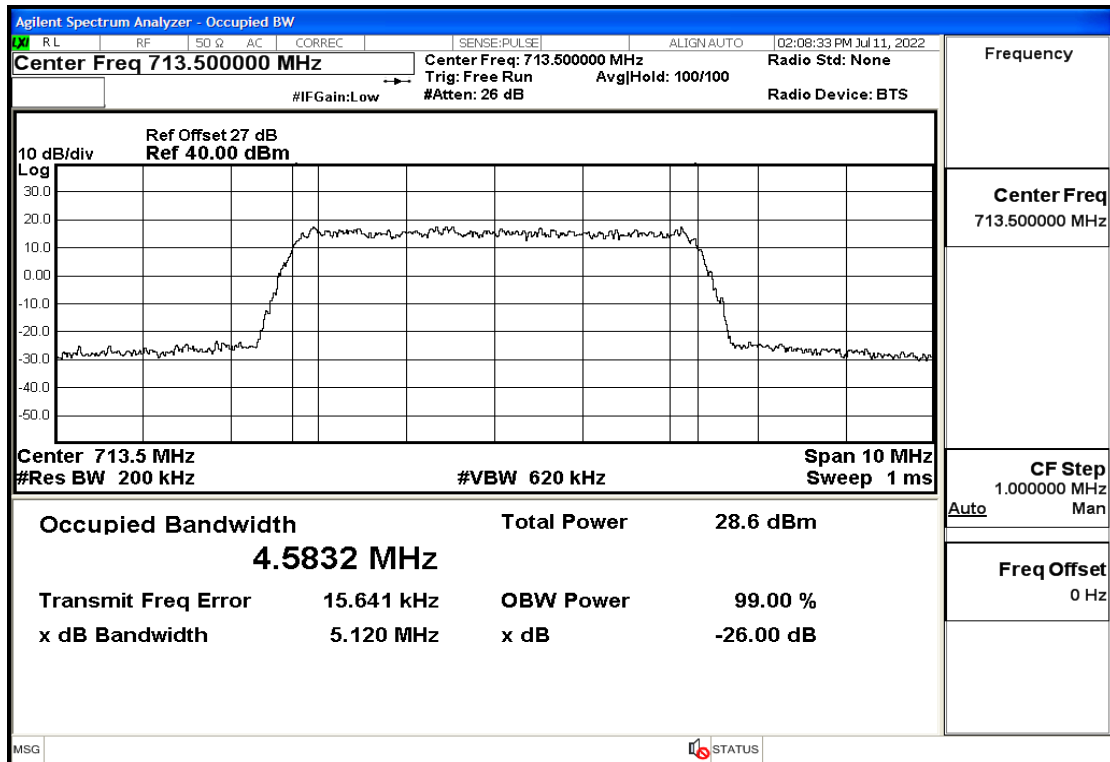
Band12-5-707.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



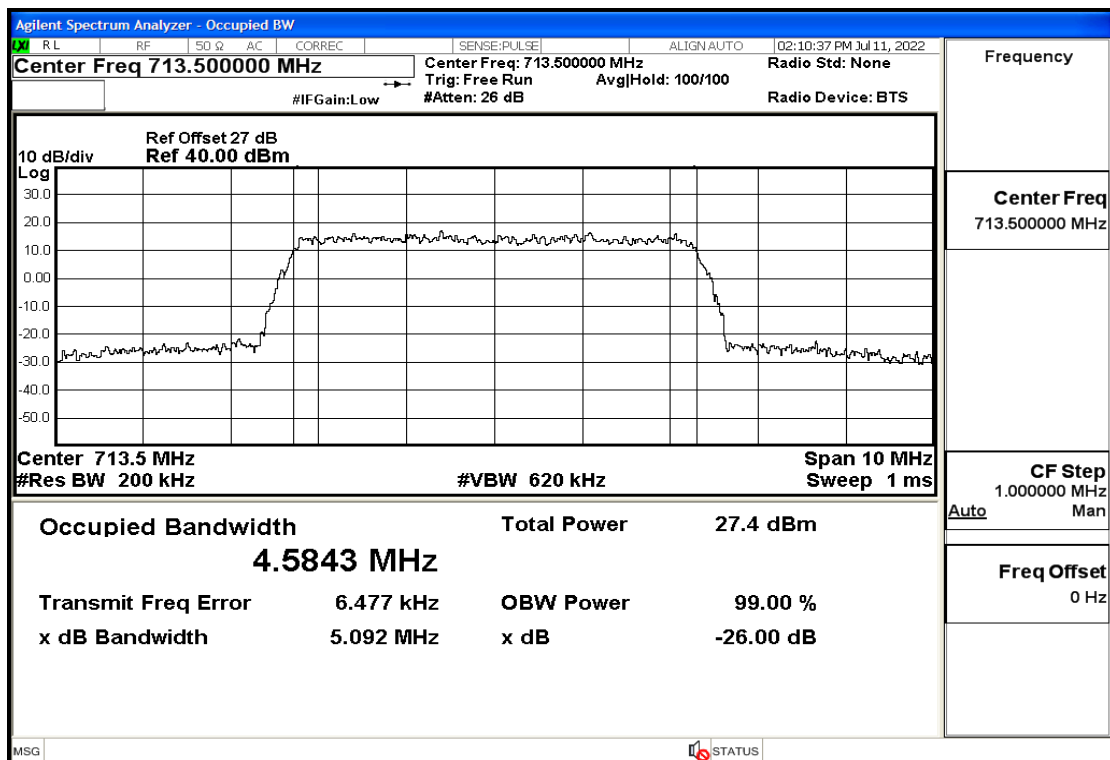
Band12-5-707.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



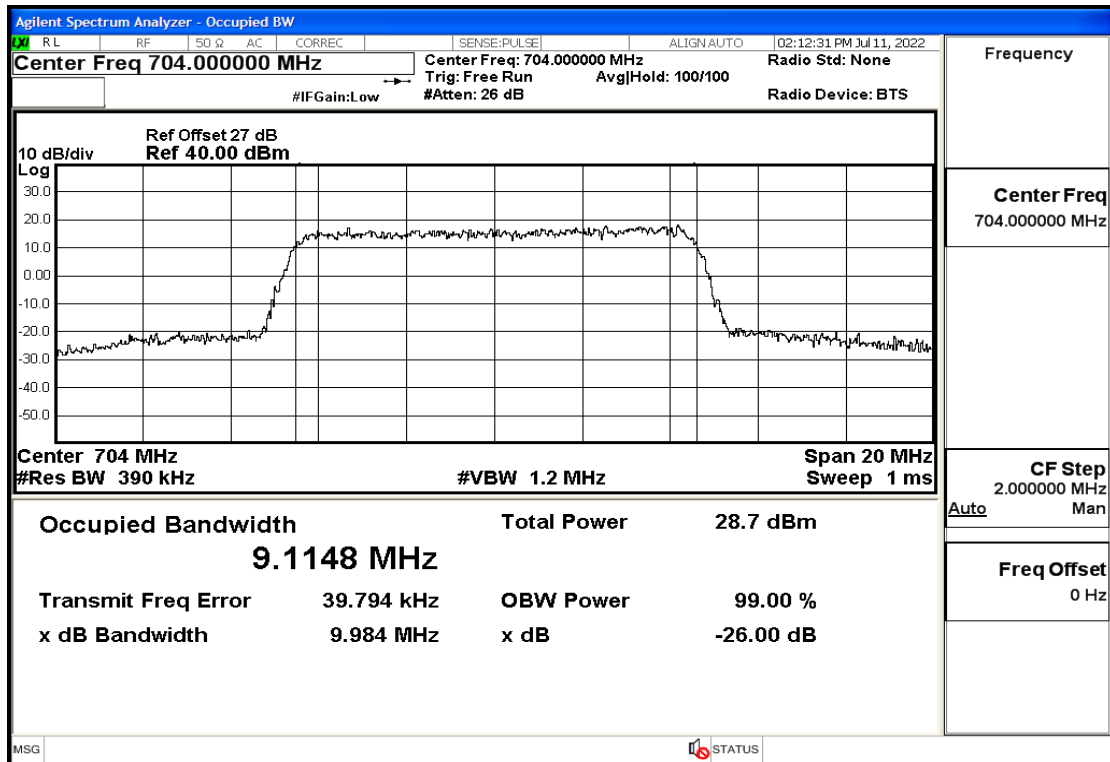
Band12-5-713.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



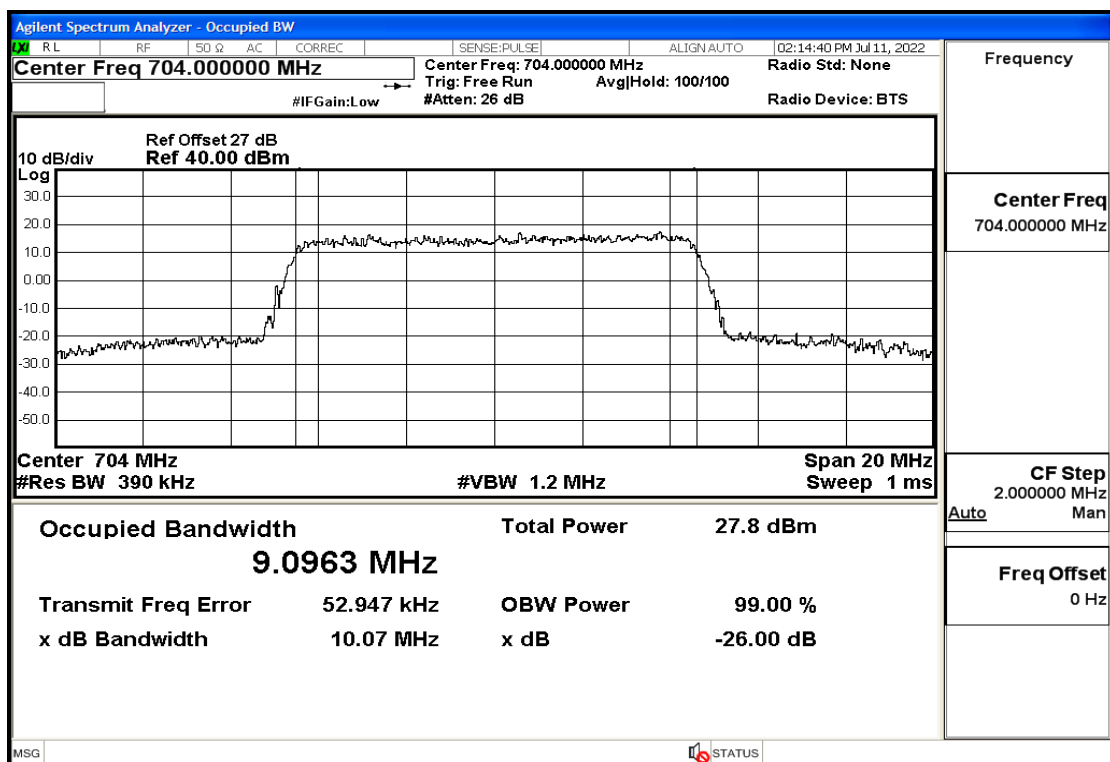
Band12-5-713.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



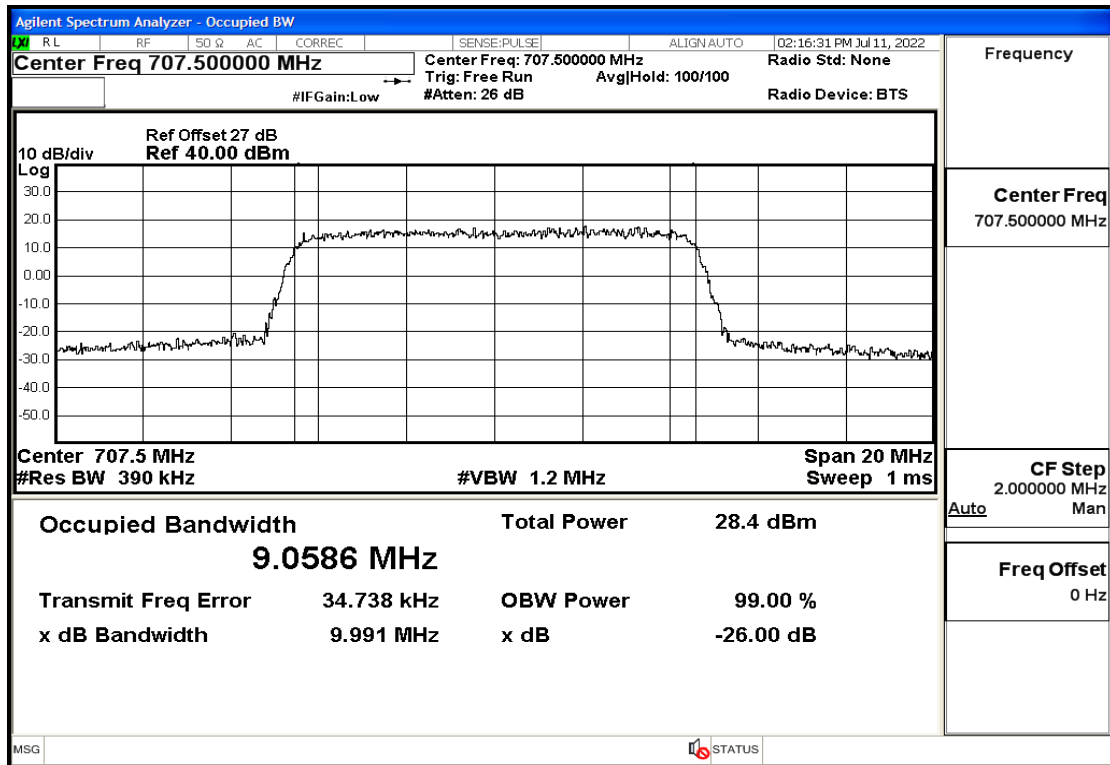
Band12-10-704-QPSK-50#LOW@26dB and 99PCT Bandwidth



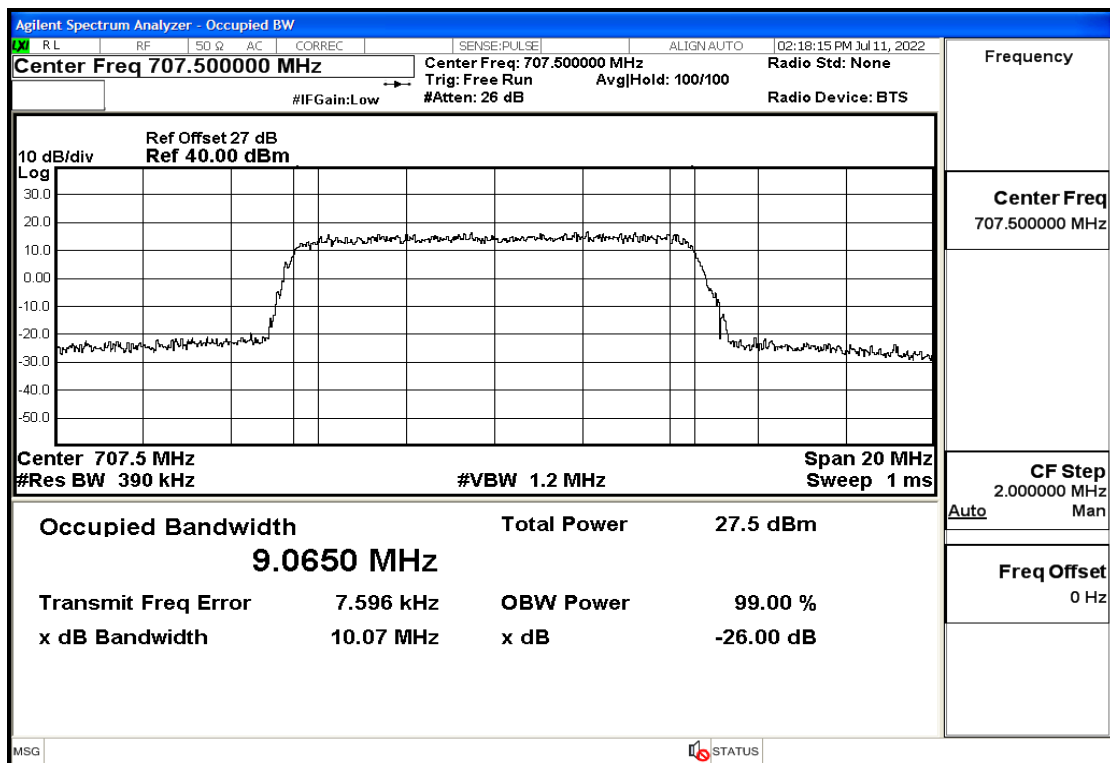
Band12-10-704-16QAM-50#LOW@26dB and 99PCT Bandwidth



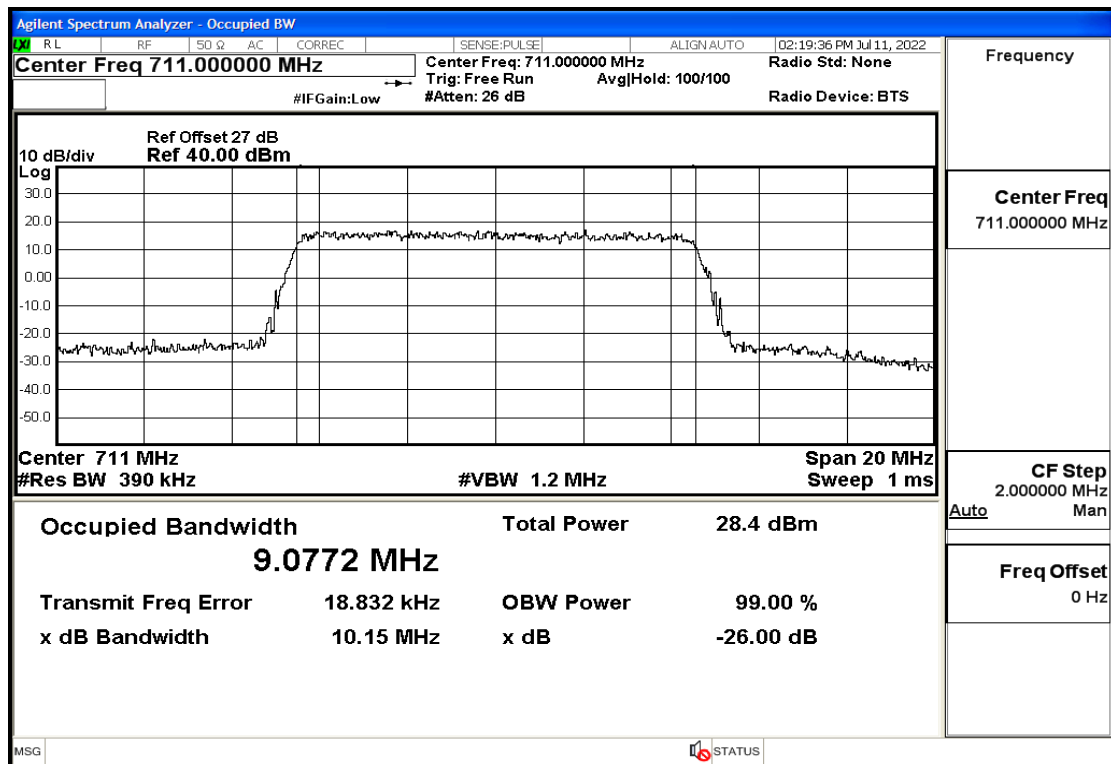
Band12-10-707.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



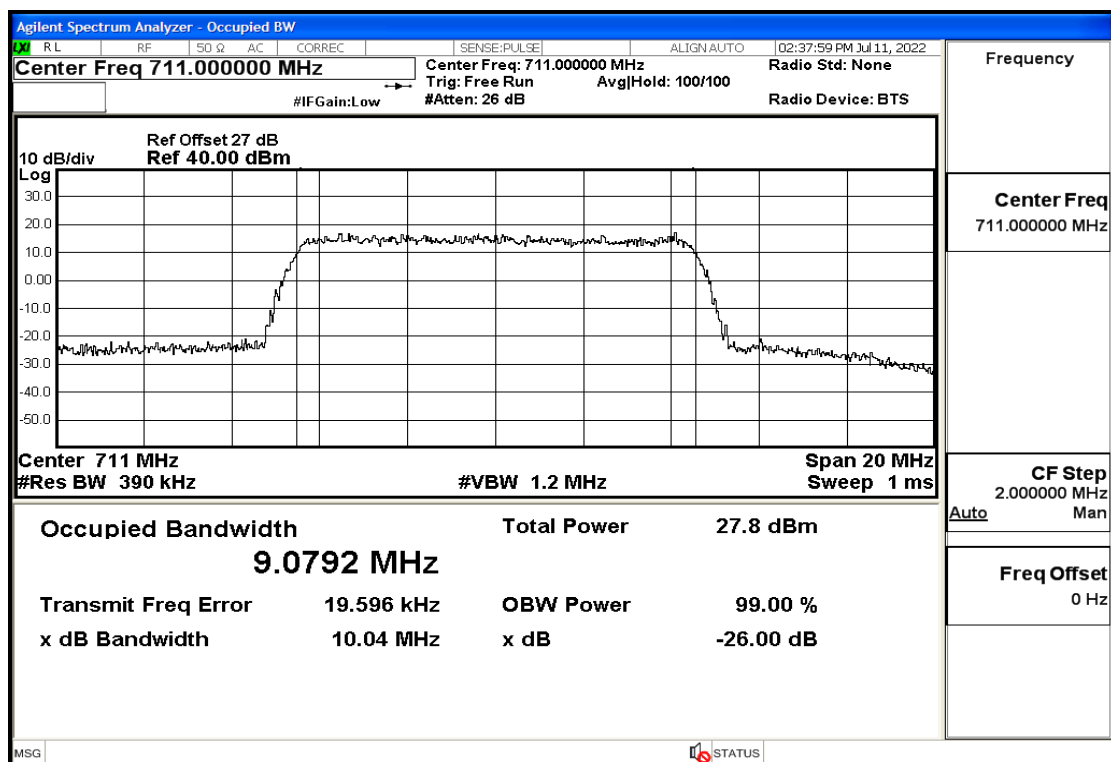
Band12-10-707.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



Band12-10-711-QPSK-50#LOW@26dB and 99PCT Bandwidth



Band12-10-711-16QAM-50#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	0.0687	PASS
40	Normal Voltage	0.0322	
30	Normal Voltage	0.0170	
20(Ref.)	Normal Voltage	0.0281	
10	Normal Voltage	0.0635	
0	Normal Voltage	0.0182	
-10	Normal Voltage	0.0404	
-20	Normal Voltage	0.0364	
-30	Normal Voltage	0.0184	
20	Maximum Voltage	0.0165	
20	Normal Voltage	0.0293	
20	Battery End Point	0.0627	

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	20.02	27.62	7.6	13	0.5	18.37	34.8	Pass
Band12	1.4	699.7	QPSK	3	LOW	22.09	28.25	6.16	13	0.5	20.44	34.8	Pass
Band12	1.4	699.7	QPSK	3	MID	22.07	28.3	6.23	13	0.5	20.42	34.8	Pass
Band12	1.4	699.7	QPSK	3	HIGH	22	28.14	6.14	13	0.5	20.35	34.8	Pass
Band12	1.4	699.7	QPSK	1	LOW	22	27.78	5.78	13	0.5	20.35	34.8	Pass
Band12	1.4	699.7	QPSK	1	MID	21.96	27.66	5.7	13	0.5	20.31	34.8	Pass
Band12	1.4	699.7	QPSK	1	HIGH	21.88	27.63	5.75	13	0.5	20.23	34.8	Pass
Band12	1.4	699.7	16QAM	6	LOW	20.25	28.04	7.79	13	0.5	18.6	34.8	Pass
Band12	1.4	699.7	16QAM	3	LOW	21.06	27.47	6.41	13	0.5	19.41	34.8	Pass
Band12	1.4	699.7	16QAM	3	MID	21.06	27.51	6.45	13	0.5	19.41	34.8	Pass
Band12	1.4	699.7	16QAM	3	HIGH	21.12	27.54	6.42	13	0.5	19.47	34.8	Pass
Band12	1.4	699.7	16QAM	1	LOW	21.44	27.44	6	13	0.5	19.79	34.8	Pass
Band12	1.4	699.7	16QAM	1	MID	21.54	27.5	5.96	13	0.5	19.89	34.8	Pass
Band12	1.4	699.7	16QAM	1	HIGH	21.39	27.39	6	13	0.5	19.74	34.8	Pass
Band12	1.4	707.5	QPSK	6	LOW	20.97	26.82	5.85	13	0.5	19.32	34.8	Pass
Band12	1.4	707.5	QPSK	3	LOW	22.17	27.57	5.4	13	0.5	20.52	34.8	Pass
Band12	1.4	707.5	QPSK	3	MID	22.27	27.61	5.34	13	0.5	20.62	34.8	Pass
Band12	1.4	707.5	QPSK	3	HIGH	22.18	27.58	5.4	13	0.5	20.53	34.8	Pass
Band12	1.4	707.5	QPSK	1	LOW	22.38	27.31	4.93	13	0.5	20.73	34.8	Pass
Band12	1.4	707.5	QPSK	1	MID	22.31	27.31	5	13	0.5	20.66	34.8	Pass
Band12	1.4	707.5	QPSK	1	HIGH	22.29	27.38	5.09	13	0.5	20.64	34.8	Pass
Band12	1.4	707.5	16QAM	6	LOW	20.57	27.37	6.8	13	0.5	18.92	34.8	Pass
Band12	1.4	707.5	16QAM	3	LOW	21.07	27.6	6.53	13	0.5	19.42	34.8	Pass
Band12	1.4	707.5	16QAM	3	MID	20.97	27.37	6.4	13	0.5	19.32	34.8	Pass
Band12	1.4	707.5	16QAM	3	HIGH	21.01	27.48	6.47	13	0.5	19.36	34.8	Pass
Band12	1.4	707.5	16QAM	1	LOW	22.15	27.01	4.86	13	0.5	20.5	34.8	Pass
Band12	1.4	707.5	16QAM	1	MID	21.77	26.63	4.86	13	0.5	20.12	34.8	Pass
Band12	1.4	707.5	16QAM	1	HIGH	21.76	26.66	4.9	13	0.5	20.11	34.8	Pass
Band12	1.4	715.3	QPSK	6	LOW	20.71	26.82	6.11	13	0.5	19.06	34.8	Pass
Band12	1.4	715.3	QPSK	3	LOW	21.95	27.81	5.86	13	0.5	20.3	34.8	Pass
Band12	1.4	715.3	QPSK	3	MID	22.16	27.93	5.77	13	0.5	20.51	34.8	Pass
Band12	1.4	715.3	QPSK	3	HIGH	21.95	27.59	5.64	13	0.5	20.3	34.8	Pass
Band12	1.4	715.3	QPSK	1	LOW	21.93	27.17	5.24	13	0.5	20.28	34.8	Pass
Band12	1.4	715.3	QPSK	1	MID	21.93	27.08	5.15	13	0.5	20.28	34.8	Pass
Band12	1.4	715.3	QPSK	1	HIGH	21.89	26.93	5.04	13	0.5	20.24	34.8	Pass
Band12	1.4	715.3	16QAM	6	LOW	20.73	27.77	7.04	13	0.5	19.08	34.8	Pass
Band12	1.4	715.3	16QAM	3	LOW	21.36	27.86	6.5	13	0.5	19.71	34.8	Pass
Band12	1.4	715.3	16QAM	3	MID	21.35	27.84	6.49	13	0.5	19.7	34.8	Pass
Band12	1.4	715.3	16QAM	3	HIGH	20.95	27.5	6.55	13	0.5	19.3	34.8	Pass
Band12	1.4	715.3	16QAM	1	LOW	21.06	26.43	5.37	13	0.5	19.41	34.8	Pass

Band12	1.4	715.3	16QAM	1	MID	20.77	26.15	5.38	13	0.5	19.12	34.8	Pass
Band12	1.4	715.3	16QAM	1	HIGH	20.75	26.08	5.33	13	0.5	19.1	34.8	Pass
Band12	3	700.5	QPSK	15	LOW	20.89	27.24	6.35	13	0.5	19.24	34.8	Pass
Band12	3	700.5	QPSK	8	LOW	20.88	26.99	6.11	13	0.5	19.23	34.8	Pass
Band12	3	700.5	QPSK	8	MID	20.88	27.2	6.32	13	0.5	19.23	34.8	Pass
Band12	3	700.5	QPSK	8	HIGH	21.5	27.7	6.2	13	0.5	19.85	34.8	Pass
Band12	3	700.5	QPSK	1	LOW	22.02	27.28	5.26	13	0.5	20.37	34.8	Pass
Band12	3	700.5	QPSK	1	MID	21.87	27.11	5.24	13	0.5	20.22	34.8	Pass
Band12	3	700.5	QPSK	1	HIGH	22.38	27.37	4.99	13	0.5	20.73	34.8	Pass
Band12	3	700.5	16QAM	15	LOW	20.38	27.63	7.25	13	0.5	18.73	34.8	Pass
Band12	3	700.5	16QAM	8	LOW	20.26	27.34	7.08	13	0.5	18.61	34.8	Pass
Band12	3	700.5	16QAM	8	MID	20.42	27.48	7.06	13	0.5	18.77	34.8	Pass
Band12	3	700.5	16QAM	8	HIGH	20.55	27.63	7.08	13	0.5	18.9	34.8	Pass
Band12	3	700.5	16QAM	1	LOW	21.18	27.76	6.58	13	0.5	19.53	34.8	Pass
Band12	3	700.5	16QAM	1	MID	21.02	27.65	6.63	13	0.5	19.37	34.8	Pass
Band12	3	700.5	16QAM	1	HIGH	21.63	27.9	6.27	13	0.5	19.98	34.8	Pass
Band12	3	707.5	QPSK	15	LOW	21.07	27.27	6.2	13	0.5	19.42	34.8	Pass
Band12	3	707.5	QPSK	8	LOW	21.51	27.59	6.08	13	0.5	19.86	34.8	Pass
Band12	3	707.5	QPSK	8	MID	21.51	27.6	6.09	13	0.5	19.86	34.8	Pass
Band12	3	707.5	QPSK	8	HIGH	21.25	27.34	6.09	13	0.5	19.6	34.8	Pass
Band12	3	707.5	QPSK	1	LOW	22.13	27.31	5.18	13	0.5	20.48	34.8	Pass
Band12	3	707.5	QPSK	1	MID	22.16	27.31	5.15	13	0.5	20.51	34.8	Pass
Band12	3	707.5	QPSK	1	HIGH	22.26	27.37	5.11	13	0.5	20.61	34.8	Pass
Band12	3	707.5	16QAM	15	LOW	20.35	27.87	7.52	13	0.5	18.7	34.8	Pass
Band12	3	707.5	16QAM	8	LOW	20.48	27	6.52	13	0.5	18.83	34.8	Pass
Band12	3	707.5	16QAM	8	MID	20.48	27.09	6.61	13	0.5	18.83	34.8	Pass
Band12	3	707.5	16QAM	8	HIGH	20.19	26.92	6.73	13	0.5	18.54	34.8	Pass
Band12	3	707.5	16QAM	1	LOW	22.26	27.6	5.34	13	0.5	20.61	34.8	Pass
Band12	3	707.5	16QAM	1	MID	21.93	26.75	4.82	13	0.5	20.28	34.8	Pass
Band12	3	707.5	16QAM	1	HIGH	21.77	26.79	5.02	13	0.5	20.12	34.8	Pass
Band12	3	714.5	QPSK	15	LOW	21.36	28.61	7.25	13	0.5	19.71	34.8	Pass
Band12	3	714.5	QPSK	8	LOW	21.37	27.85	6.48	13	0.5	19.72	34.8	Pass
Band12	3	714.5	QPSK	8	MID	21.37	27.68	6.31	13	0.5	19.72	34.8	Pass
Band12	3	714.5	QPSK	8	HIGH	20.94	27.52	6.58	13	0.5	19.29	34.8	Pass
Band12	3	714.5	QPSK	1	LOW	21.98	27.34	5.36	13	0.5	20.33	34.8	Pass
Band12	3	714.5	QPSK	1	MID	21.99	27.26	5.27	13	0.5	20.34	34.8	Pass
Band12	3	714.5	QPSK	1	HIGH	22.03	27.03	5	13	0.5	20.38	34.8	Pass
Band12	3	714.5	16QAM	15	LOW	20.51	27.58	7.07	13	0.5	18.86	34.8	Pass
Band12	3	714.5	16QAM	8	LOW	20.57	26.94	6.37	13	0.5	18.92	34.8	Pass
Band12	3	714.5	16QAM	8	MID	20.58	27.01	6.43	13	0.5	18.93	34.8	Pass
Band12	3	714.5	16QAM	8	HIGH	20.63	27.29	6.66	13	0.5	18.98	34.8	Pass
Band12	3	714.5	16QAM	1	LOW	21.25	26.64	5.39	13	0.5	19.6	34.8	Pass
Band12	3	714.5	16QAM	1	MID	21.26	26.6	5.34	13	0.5	19.61	34.8	Pass
Band12	3	714.5	16QAM	1	HIGH	20.81	26.07	5.26	13	0.5	19.16	34.8	Pass
Band12	5	701.5	QPSK	25	LOW	21.39	27.85	6.46	13	0.5	19.74	34.8	Pass
Band12	5	701.5	QPSK	12	LOW	20.96	27.3	6.34	13	0.5	19.31	34.8	Pass

Band12	5	701.5	QPSK	12	MID	20.99	27.44	6.45	13	0.5	19.34	34.8	Pass
Band12	5	701.5	QPSK	12	HIGH	21.43	27.68	6.25	13	0.5	19.78	34.8	Pass
Band12	5	701.5	QPSK	1	LOW	22.07	28.23	6.16	13	0.5	20.42	34.8	Pass
Band12	5	701.5	QPSK	1	MID	22.4	28.37	5.97	13	0.5	20.75	34.8	Pass
Band12	5	701.5	QPSK	1	HIGH	22.03	27.94	5.91	13	0.5	20.38	34.8	Pass
Band12	5	701.5	16QAM	25	LOW	20.82	28.5	7.68	13	0.5	19.17	34.8	Pass
Band12	5	701.5	16QAM	12	LOW	20.19	27.85	7.66	13	0.5	18.54	34.8	Pass
Band12	5	701.5	16QAM	12	MID	20.2	27.72	7.52	13	0.5	18.55	34.8	Pass
Band12	5	701.5	16QAM	12	HIGH	20.47	28.05	7.58	13	0.5	18.82	34.8	Pass
Band12	5	701.5	16QAM	1	LOW	20.25	26.31	6.06	13	0.5	18.6	34.8	Pass
Band12	5	701.5	16QAM	1	MID	20.82	26.8	5.98	13	0.5	19.17	34.8	Pass
Band12	5	701.5	16QAM	1	HIGH	20.64	26.62	5.98	13	0.5	18.99	34.8	Pass
Band12	5	707.5	QPSK	25	LOW	21.24	27.5	6.26	13	0.5	19.59	34.8	Pass
Band12	5	707.5	QPSK	12	LOW	21.48	27.88	6.4	13	0.5	19.83	34.8	Pass
Band12	5	707.5	QPSK	12	MID	21.47	27.82	6.35	13	0.5	19.82	34.8	Pass
Band12	5	707.5	QPSK	12	HIGH	21.25	27.8	6.55	13	0.5	19.6	34.8	Pass
Band12	5	707.5	QPSK	1	LOW	22.17	27.71	5.54	13	0.5	20.52	34.8	Pass
Band12	5	707.5	QPSK	1	MID	22.12	27.23	5.11	13	0.5	20.47	34.8	Pass
Band12	5	707.5	QPSK	1	HIGH	22.01	27.27	5.26	13	0.5	20.36	34.8	Pass
Band12	5	707.5	16QAM	25	LOW	20.04	28.05	8.01	13	0.5	18.39	34.8	Pass
Band12	5	707.5	16QAM	12	LOW	20.53	27.32	6.79	13	0.5	18.88	34.8	Pass
Band12	5	707.5	16QAM	12	MID	20.53	27.33	6.8	13	0.5	18.88	34.8	Pass
Band12	5	707.5	16QAM	12	HIGH	20.33	27.14	6.81	13	0.5	18.68	34.8	Pass
Band12	5	707.5	16QAM	1	LOW	21.5	27.28	5.78	13	0.5	19.85	34.8	Pass
Band12	5	707.5	16QAM	1	MID	21.15	26.98	5.83	13	0.5	19.5	34.8	Pass
Band12	5	707.5	16QAM	1	HIGH	21.13	27.02	5.89	13	0.5	19.48	34.8	Pass
Band12	5	713.5	QPSK	25	LOW	21.28	27.51	6.23	13	0.5	19.63	34.8	Pass
Band12	5	713.5	QPSK	12	LOW	21.43	27.5	6.07	13	0.5	19.78	34.8	Pass
Band12	5	713.5	QPSK	12	MID	21.44	27.43	5.99	13	0.5	19.79	34.8	Pass
Band12	5	713.5	QPSK	12	HIGH	21.44	27.48	6.04	13	0.5	19.79	34.8	Pass
Band12	5	713.5	QPSK	1	LOW	21.79	27.4	5.61	13	0.5	20.14	34.8	Pass
Band12	5	713.5	QPSK	1	MID	21.89	27.53	5.64	13	0.5	20.24	34.8	Pass
Band12	5	713.5	QPSK	1	HIGH	21.81	27.22	5.41	13	0.5	20.16	34.8	Pass
Band12	5	713.5	16QAM	25	LOW	20.49	28.35	7.86	13	0.5	18.84	34.8	Pass
Band12	5	713.5	16QAM	12	LOW	20.25	27.38	7.13	13	0.5	18.6	34.8	Pass
Band12	5	713.5	16QAM	12	MID	20.11	27.16	7.05	13	0.5	18.46	34.8	Pass
Band12	5	713.5	16QAM	12	HIGH	20.28	27.74	7.46	13	0.5	18.63	34.8	Pass
Band12	5	713.5	16QAM	1	LOW	20.97	27.33	6.36	13	0.5	19.32	34.8	Pass
Band12	5	713.5	16QAM	1	MID	21.12	27.49	6.37	13	0.5	19.47	34.8	Pass
Band12	5	713.5	16QAM	1	HIGH	20.47	27	6.53	13	0.5	18.82	34.8	Pass
Band12	10	704	QPSK	50	LOW	21.4	27.91	6.51	13	0.5	19.75	34.8	Pass
Band12	10	704	QPSK	25	LOW	21.48	28.02	6.54	13	0.5	19.83	34.8	Pass
Band12	10	704	QPSK	25	MID	21.47	28	6.53	13	0.5	19.82	34.8	Pass
Band12	10	704	QPSK	25	HIGH	21.57	27.95	6.38	13	0.5	19.92	34.8	Pass
Band12	10	704	QPSK	1	LOW	21.92	27.22	5.3	13	0.5	20.27	34.8	Pass
Band12	10	704	QPSK	1	MID	21.87	27.01	5.14	13	0.5	20.22	34.8	Pass

Band12	10	704	QPSK	1	HIGH	21.91	26.96	5.05	13	0.5	20.26	34.8	Pass
Band12	10	704	16QAM	50	LOW	20.59	28.5	7.91	13	0.5	18.94	34.8	Pass
Band12	10	704	16QAM	25	LOW	20.49	27.94	7.45	13	0.5	18.84	34.8	Pass
Band12	10	704	16QAM	25	MID	20.49	27.95	7.46	13	0.5	18.84	34.8	Pass
Band12	10	704	16QAM	25	HIGH	20.58	27.68	7.1	13	0.5	18.93	34.8	Pass
Band12	10	704	16QAM	1	LOW	21.06	27.77	6.71	13	0.5	19.41	34.8	Pass
Band12	10	704	16QAM	1	MID	21.63	27.81	6.18	13	0.5	19.98	34.8	Pass
Band12	10	704	16QAM	1	HIGH	21.47	27.54	6.07	13	0.5	19.82	34.8	Pass
Band12	10	707.5	QPSK	50	LOW	21.24	27.67	6.43	13	0.5	19.59	34.8	Pass
Band12	10	707.5	QPSK	25	LOW	21.44	27.71	6.27	13	0.5	19.79	34.8	Pass
Band12	10	707.5	QPSK	25	MID	21.6	27.63	6.03	13	0.5	19.95	34.8	Pass
Band12	10	707.5	QPSK	25	HIGH	21.14	27.59	6.45	13	0.5	19.49	34.8	Pass
Band12	10	707.5	QPSK	1	LOW	22.59	27.76	5.17	13	0.5	20.94	34.8	Pass
Band12	10	707.5	QPSK	1	MID	22.19	27.4	5.21	13	0.5	20.54	34.8	Pass
Band12	10	707.5	QPSK	1	HIGH	22.08	27.59	5.51	13	0.5	20.43	34.8	Pass
Band12	10	707.5	16QAM	50	LOW	20.21	27.24	7.03	13	0.5	18.56	34.8	Pass
Band12	10	707.5	16QAM	25	LOW	20.63	27.94	7.31	13	0.5	18.98	34.8	Pass
Band12	10	707.5	16QAM	25	MID	20.63	27.96	7.33	13	0.5	18.98	34.8	Pass
Band12	10	707.5	16QAM	25	HIGH	20.59	27.9	7.31	13	0.5	18.94	34.8	Pass
Band12	10	707.5	16QAM	1	LOW	21.5	27.65	6.15	13	0.5	19.85	34.8	Pass
Band12	10	707.5	16QAM	1	MID	21.52	26.47	4.95	13	0.5	19.87	34.8	Pass
Band12	10	707.5	16QAM	1	HIGH	21.9	27.29	5.39	13	0.5	20.25	34.8	Pass
Band12	10	711	QPSK	50	LOW	21	27.49	6.49	13	0.5	19.35	34.8	Pass
Band12	10	711	QPSK	25	LOW	21.26	27.72	6.46	13	0.5	19.61	34.8	Pass
Band12	10	711	QPSK	25	MID	21.27	27.8	6.53	13	0.5	19.62	34.8	Pass
Band12	10	711	QPSK	25	HIGH	21.49	28.11	6.62	13	0.5	19.84	34.8	Pass
Band12	10	711	QPSK	1	LOW	22.27	27.32	5.05	13	0.5	20.62	34.8	Pass
Band12	10	711	QPSK	1	MID	22.11	27.37	5.26	13	0.5	20.46	34.8	Pass
Band12	10	711	QPSK	1	HIGH	22.3	27.37	5.07	13	0.5	20.65	34.8	Pass
Band12	10	711	16QAM	50	LOW	20.46	28.32	7.86	13	0.5	18.81	34.8	Pass
Band12	10	711	16QAM	25	LOW	20.16	27.45	7.29	13	0.5	18.51	34.8	Pass
Band12	10	711	16QAM	25	MID	20.18	27.46	7.28	13	0.5	18.53	34.8	Pass
Band12	10	711	16QAM	25	HIGH	20.55	27.9	7.35	13	0.5	18.9	34.8	Pass
Band12	10	711	16QAM	1	LOW	21.12	26.42	5.3	13	0.5	19.47	34.8	Pass
Band12	10	711	16QAM	1	MID	20.85	26.23	5.38	13	0.5	19.2	34.8	Pass
Band12	10	711	16QAM	1	HIGH	20.63	26.13	5.5	13	0.5	18.98	34.8	Pass