

RF Test Data for LTE (Conducted Measurement)

Product Name: SMARTPHONE

Trade Mark: HERITAGE

Test Model: P60 PRO+

FCC ID: 2A6U5-M6908M6904

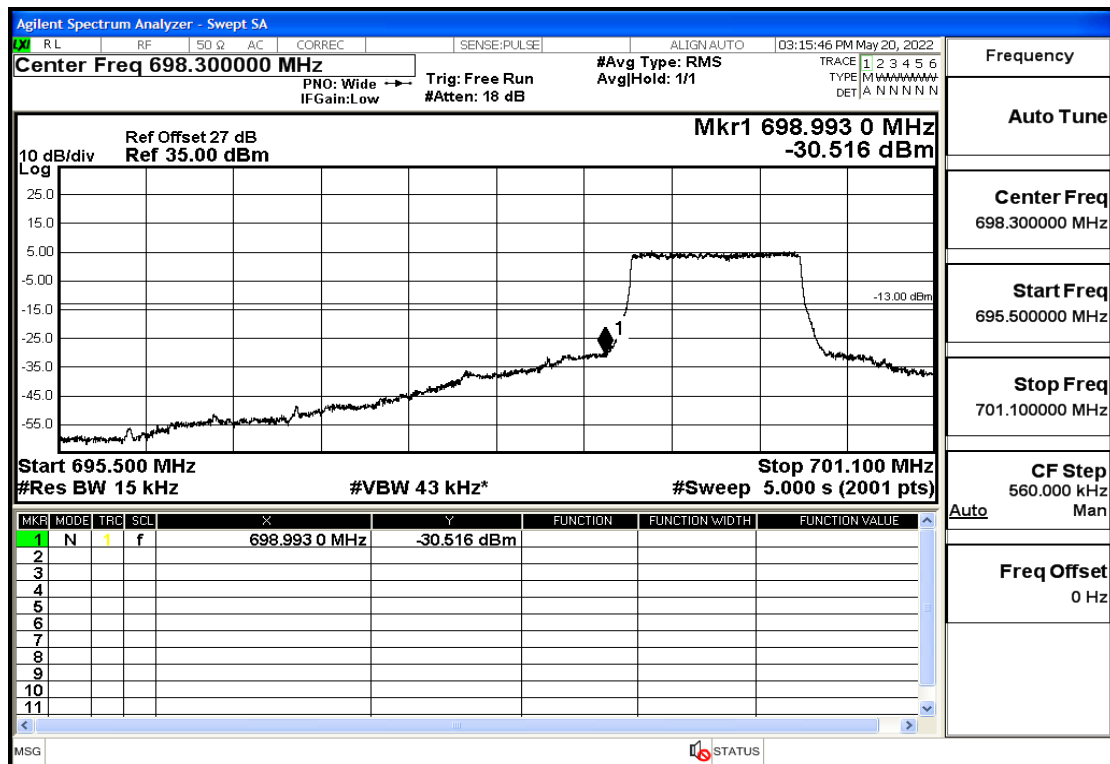
Environmental Conditions

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

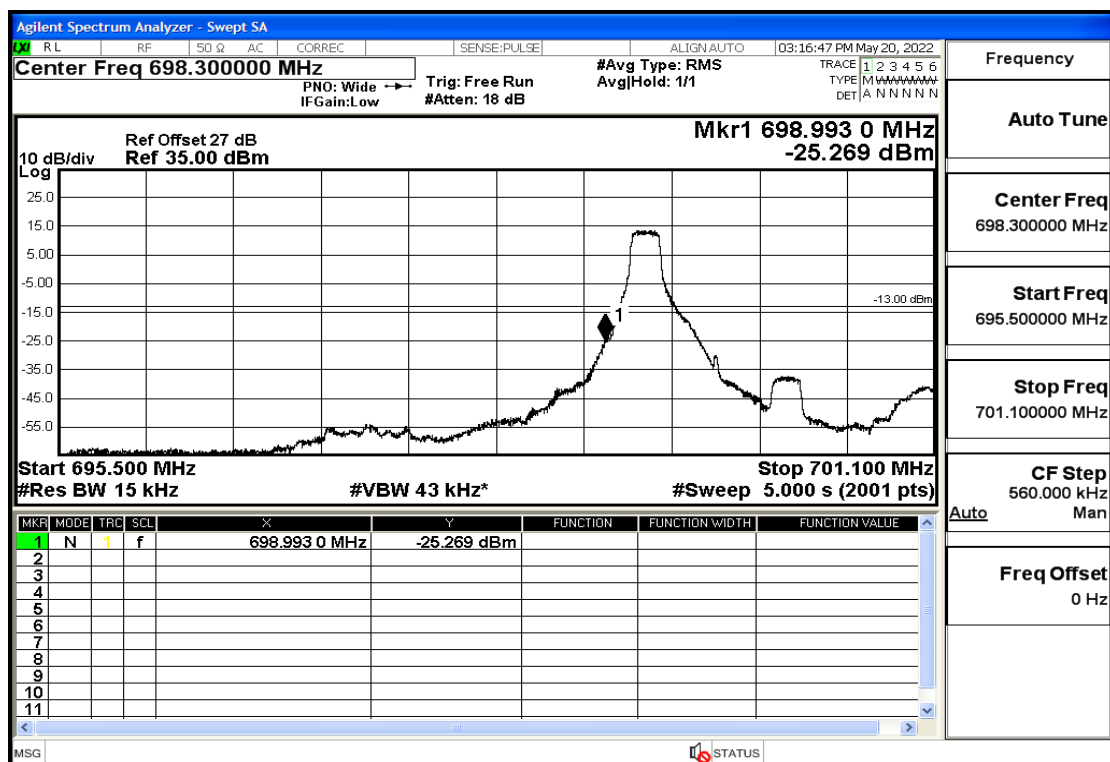
Band Edge and Emission Mask

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

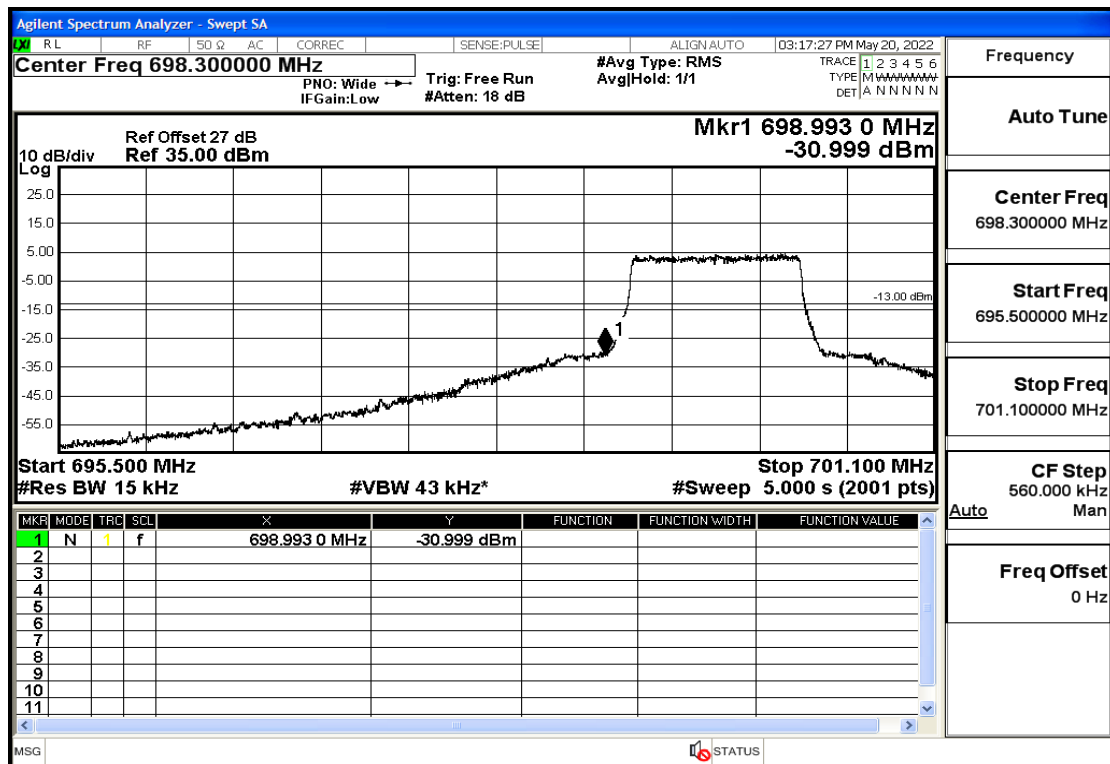
Band12-1.4-699.7-QPSK-6#LOW@Pass



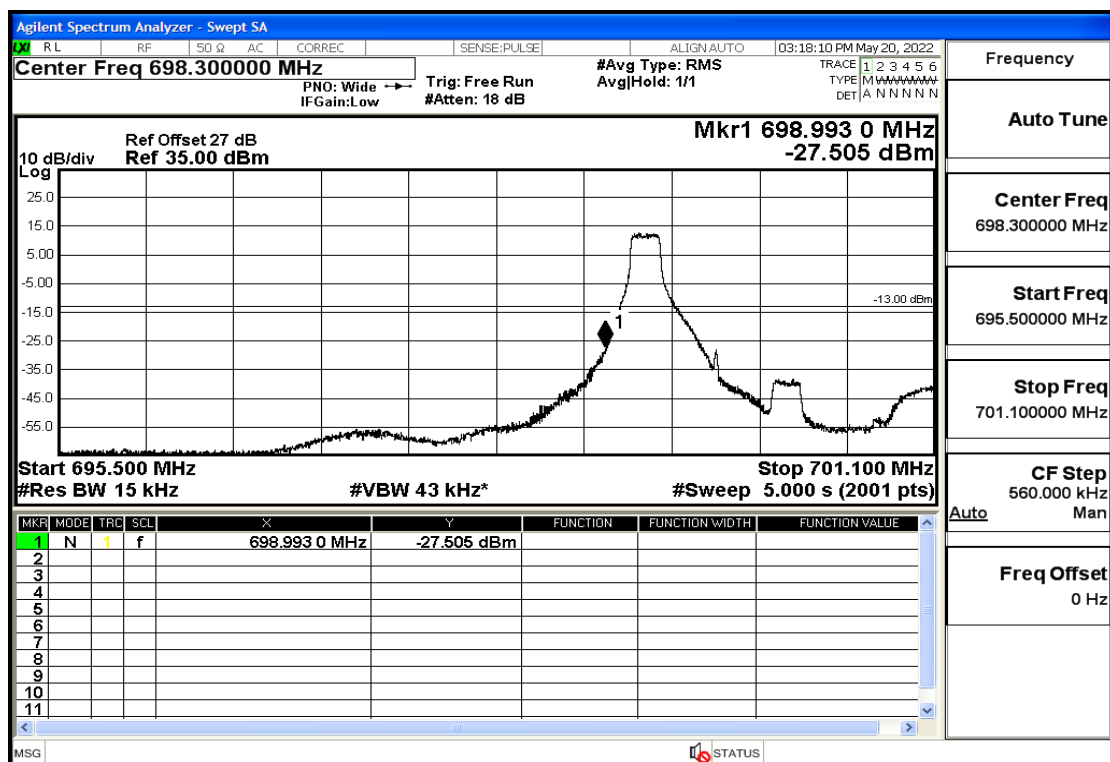
Band12-1.4-699.7-QPSK-1#LOW@Pass



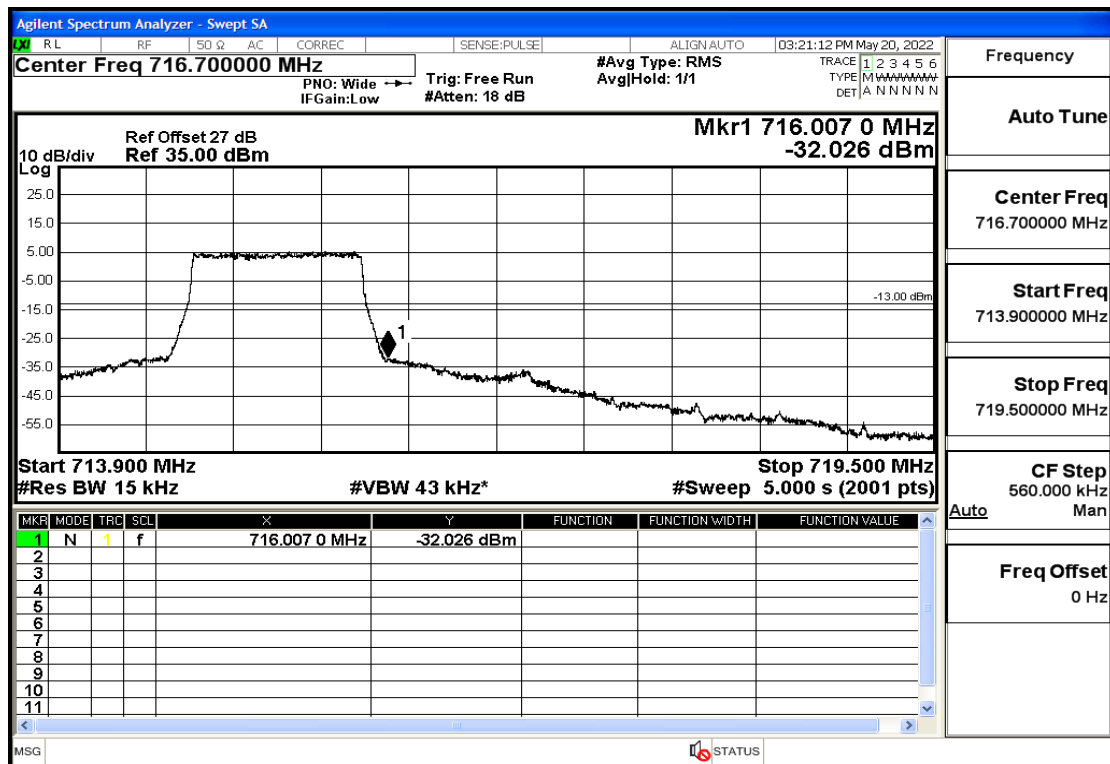
Band12-1.4-699.7-16QAM-6#LOW@Pass



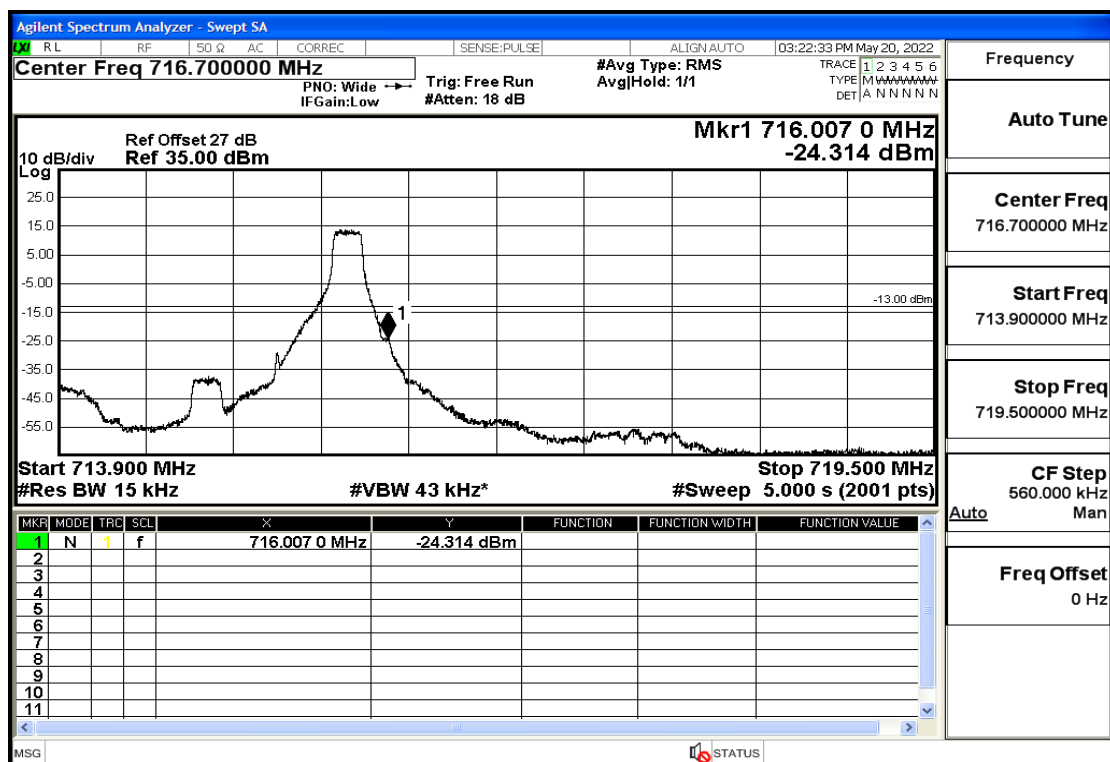
Band12-1.4-699.7-16QAM-1#LOW@Pass



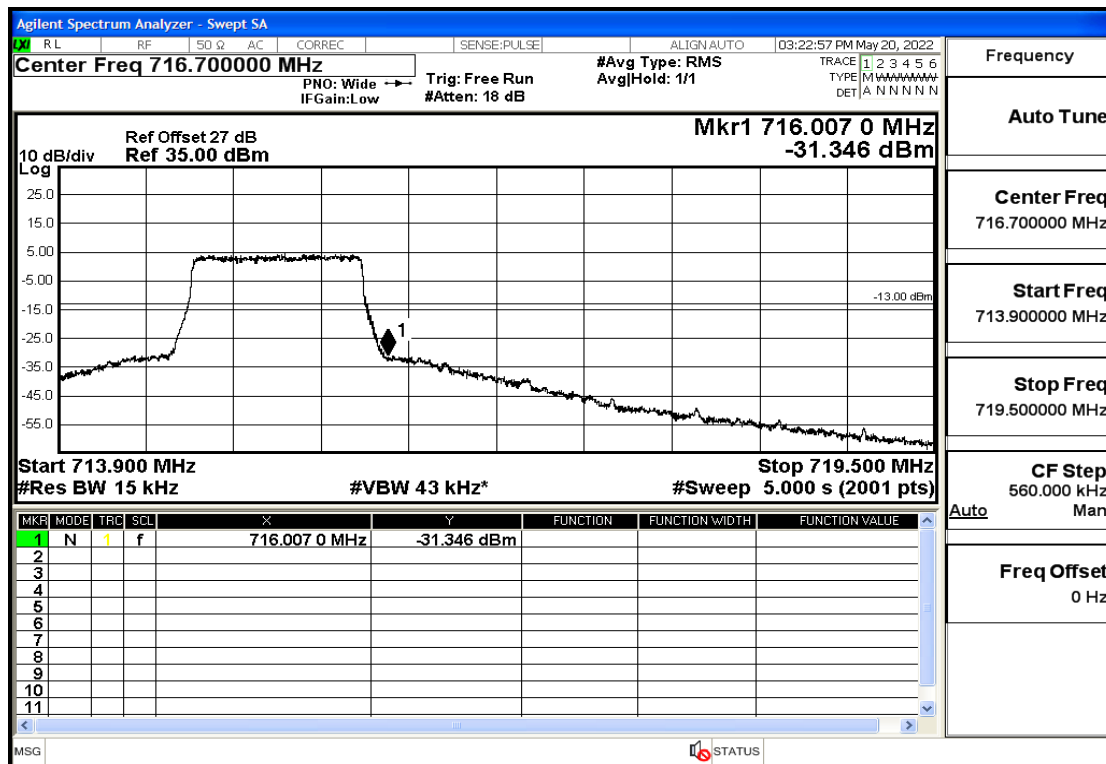
Band12-1.4-715.3-QPSK-6#LOW@Pass



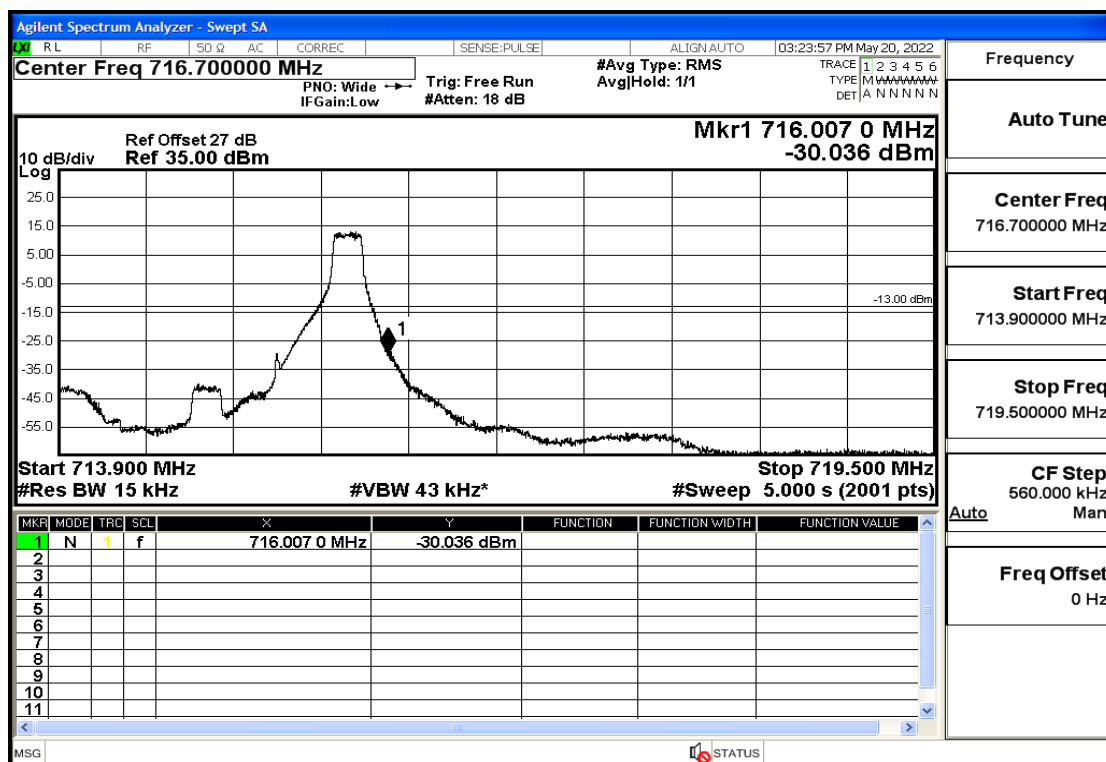
Band12-1.4-715.3-QPSK-1#HIGH@Pass



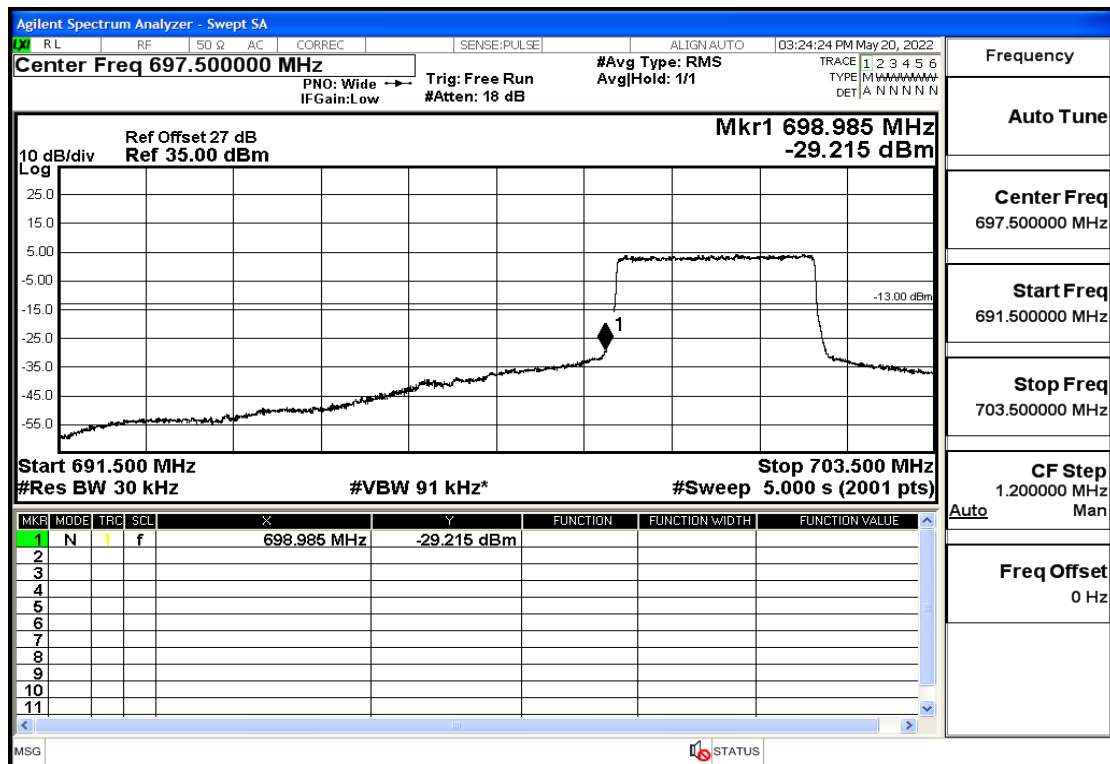
Band12-1.4-715.3-16QAM-6#LOW@Pass



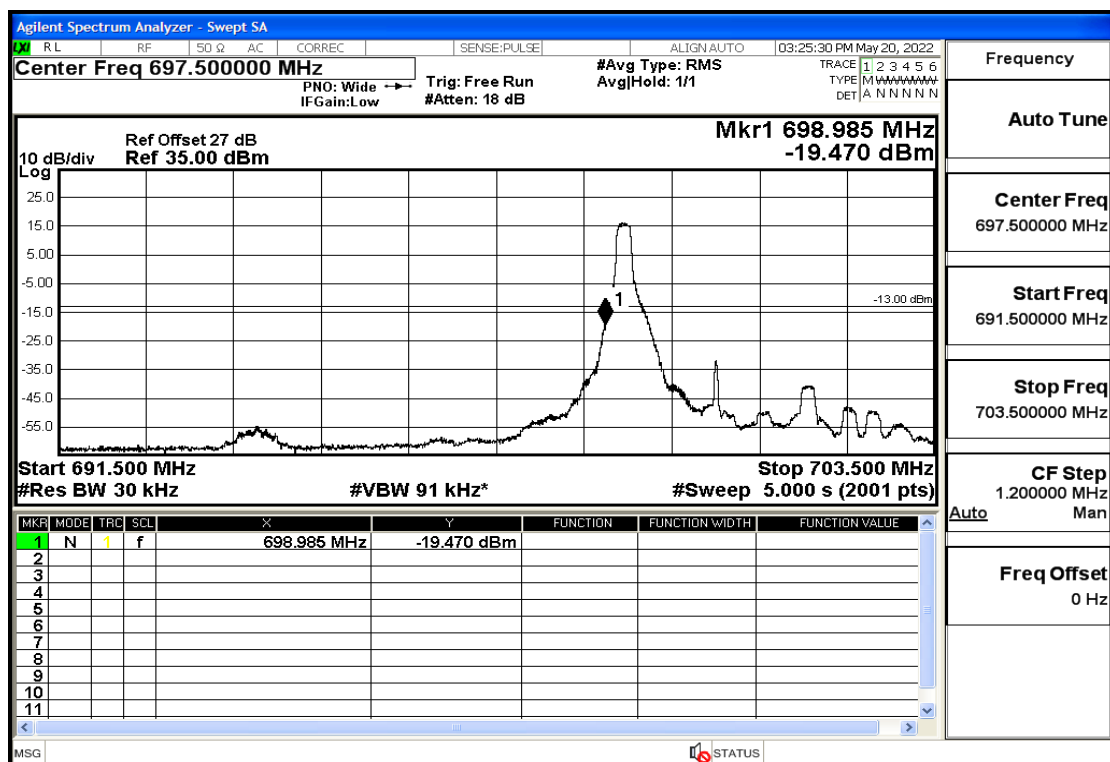
Band12-1.4-715.3-16QAM-1#HIGH@Pass



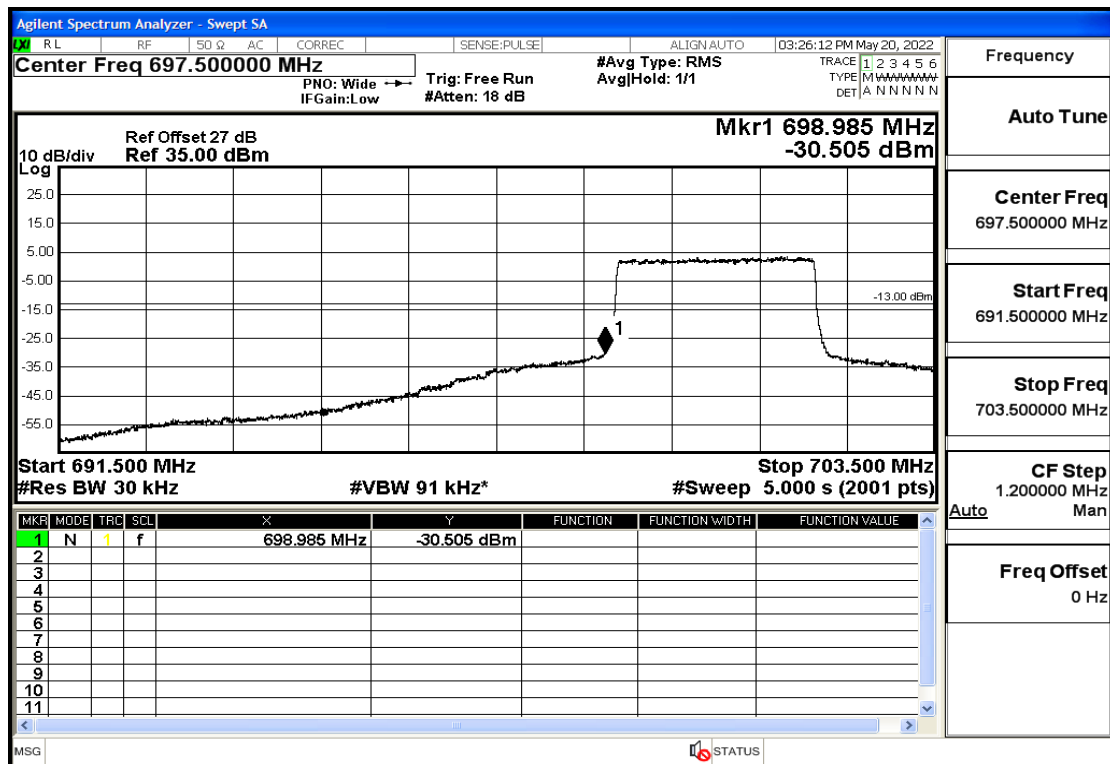
Band12-3-700.5-QPSK-15#LOW@Pass



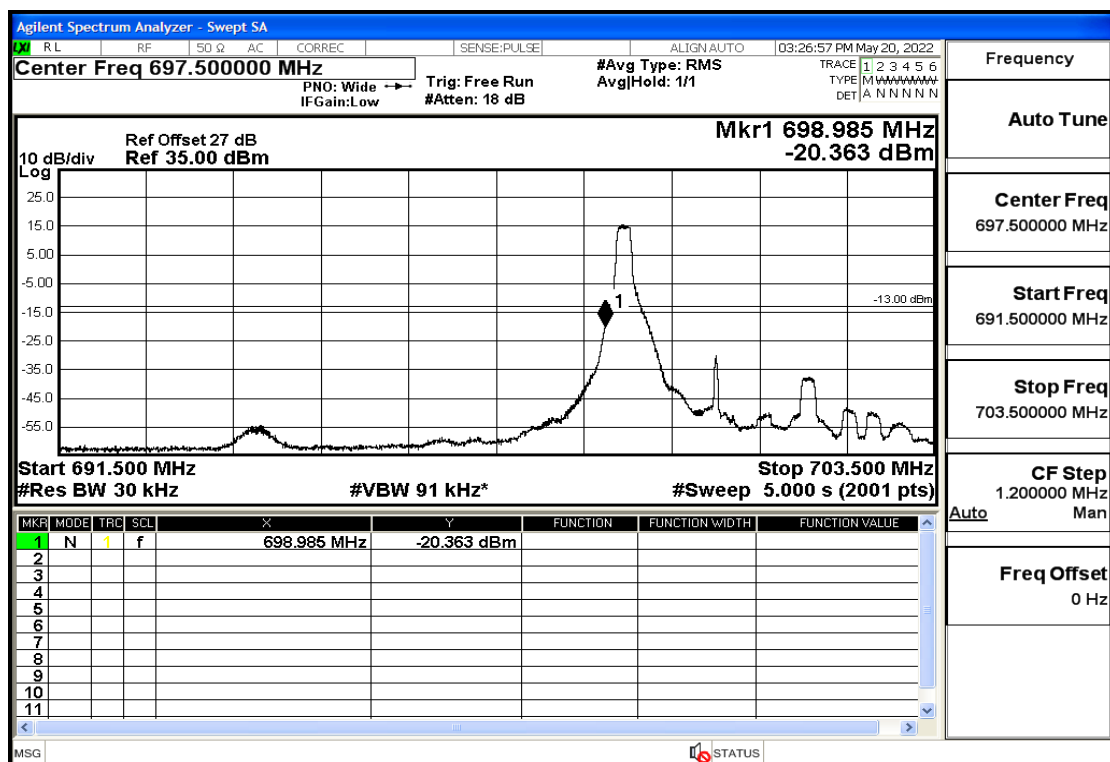
Band12-3-700.5-QPSK-1#LOW@Pass



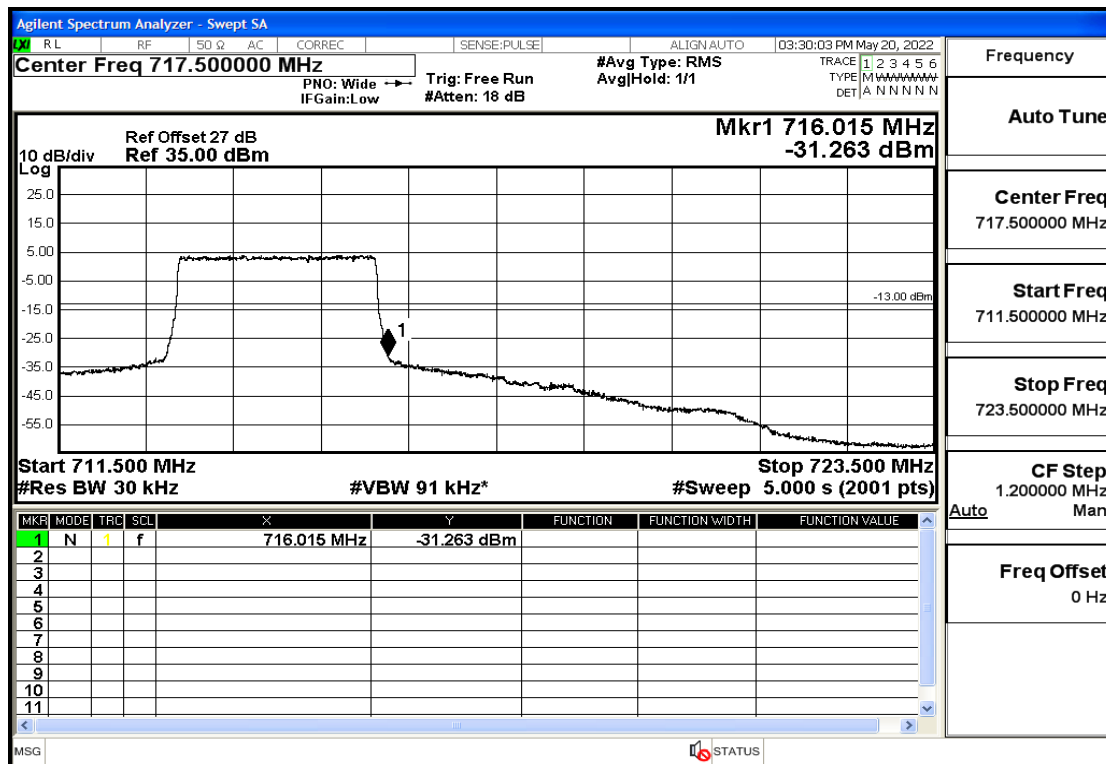
Band12-3-700.5-16QAM-15#LOW@Pass



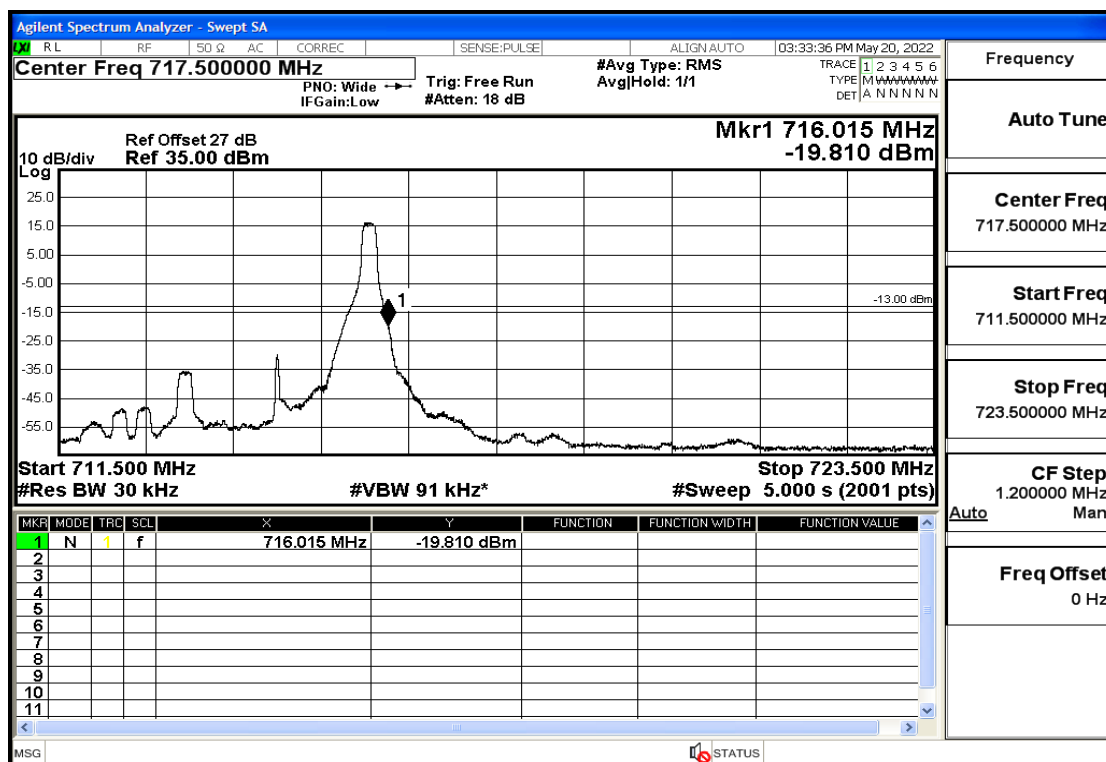
Band12-3-700.5-16QAM-1#LOW@Pass



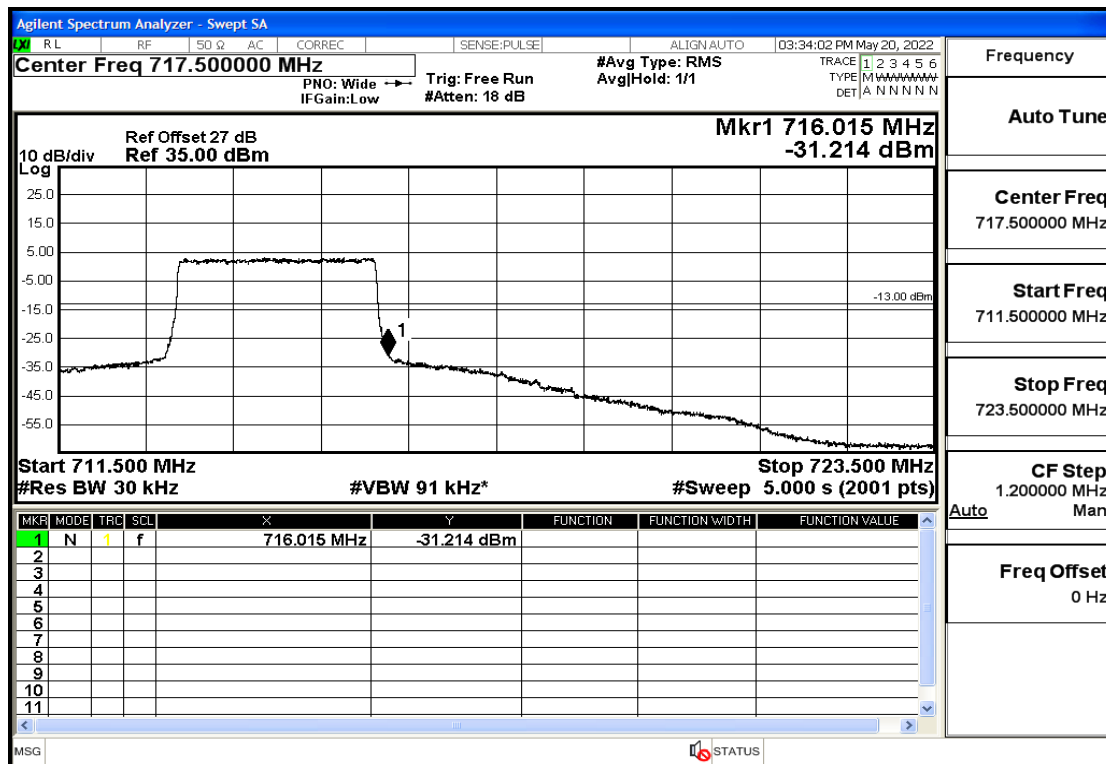
Band12-3-714.5-QPSK-15#LOW@Pass



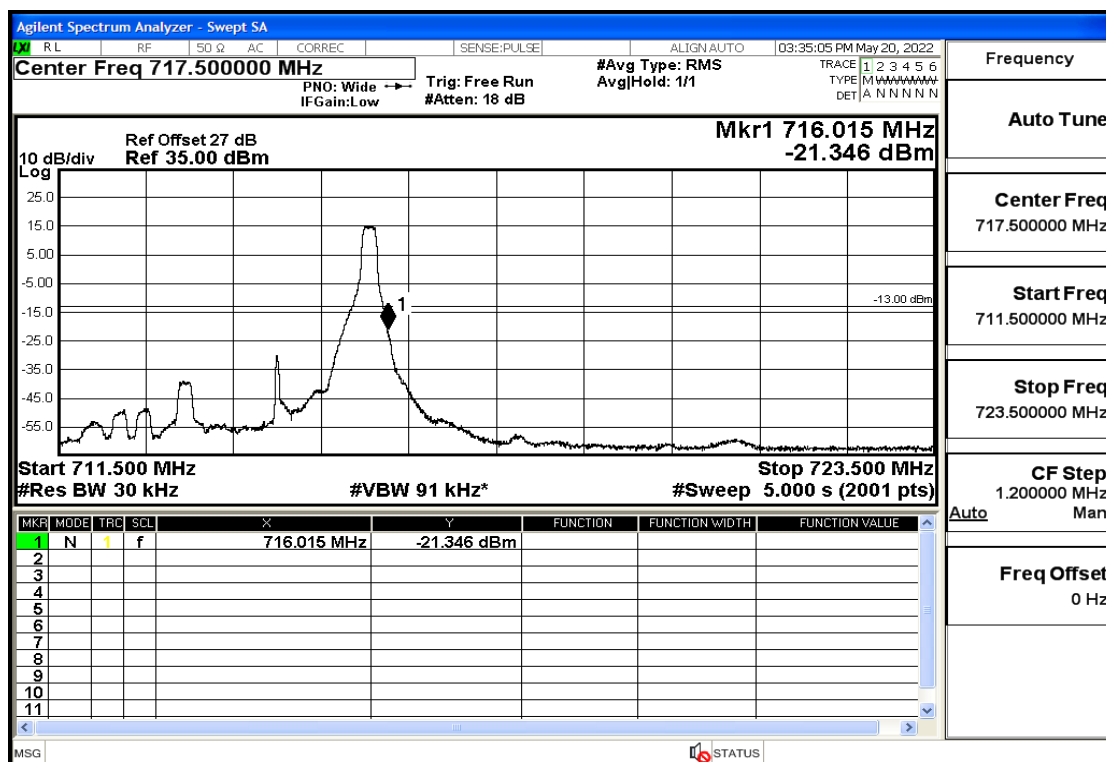
Band12-3-714.5-QPSK-1#HIGH@Pass



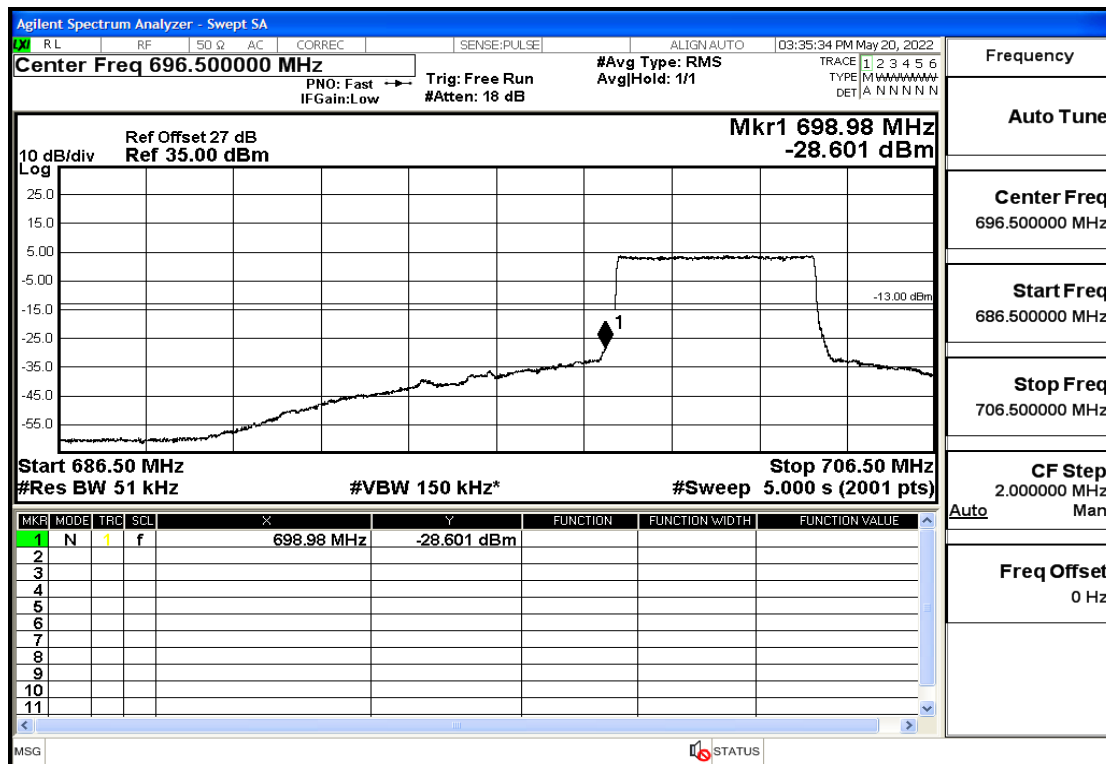
Band12-3-714.5-16QAM-15#LOW@Pass



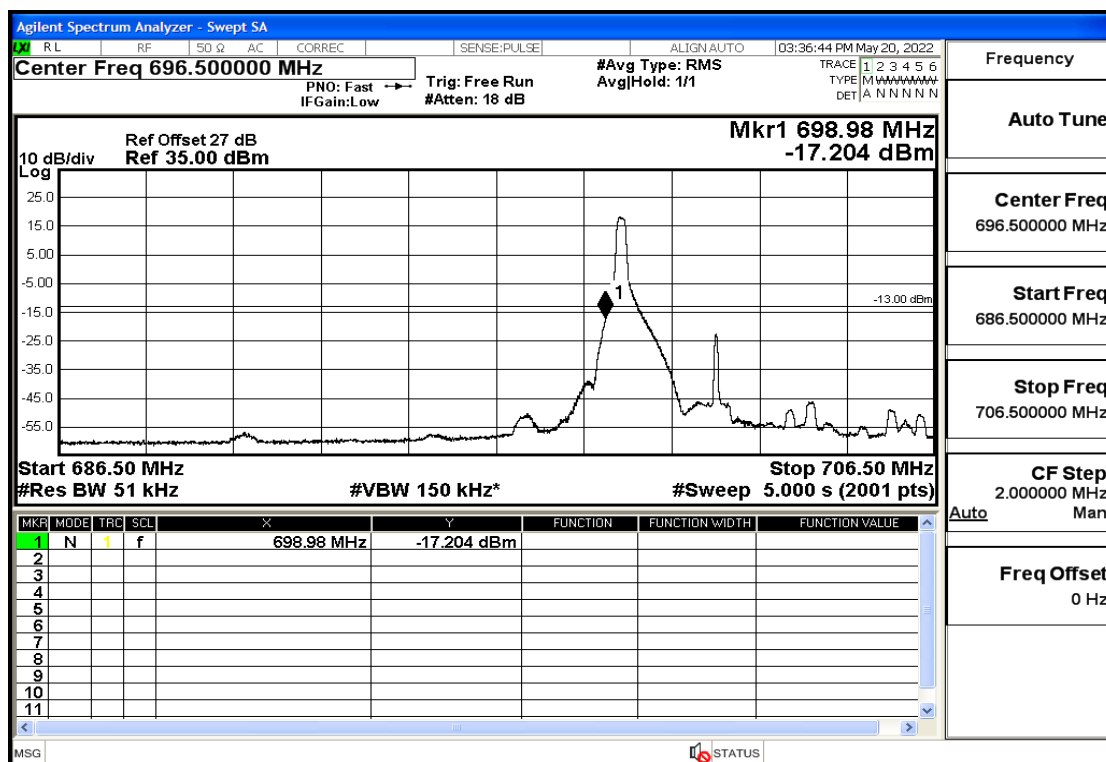
Band12-3-714.5-16QAM-1#HIGH@Pass



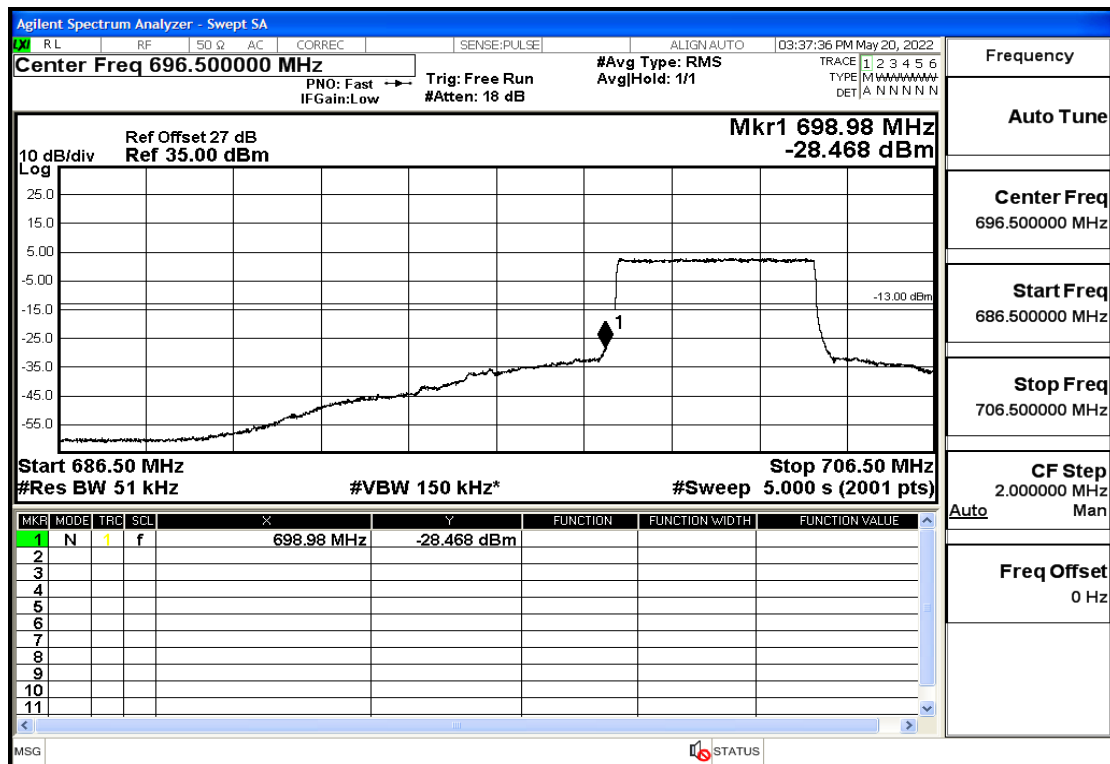
Band12-5-701.5-QPSK-25#LOW@Pass



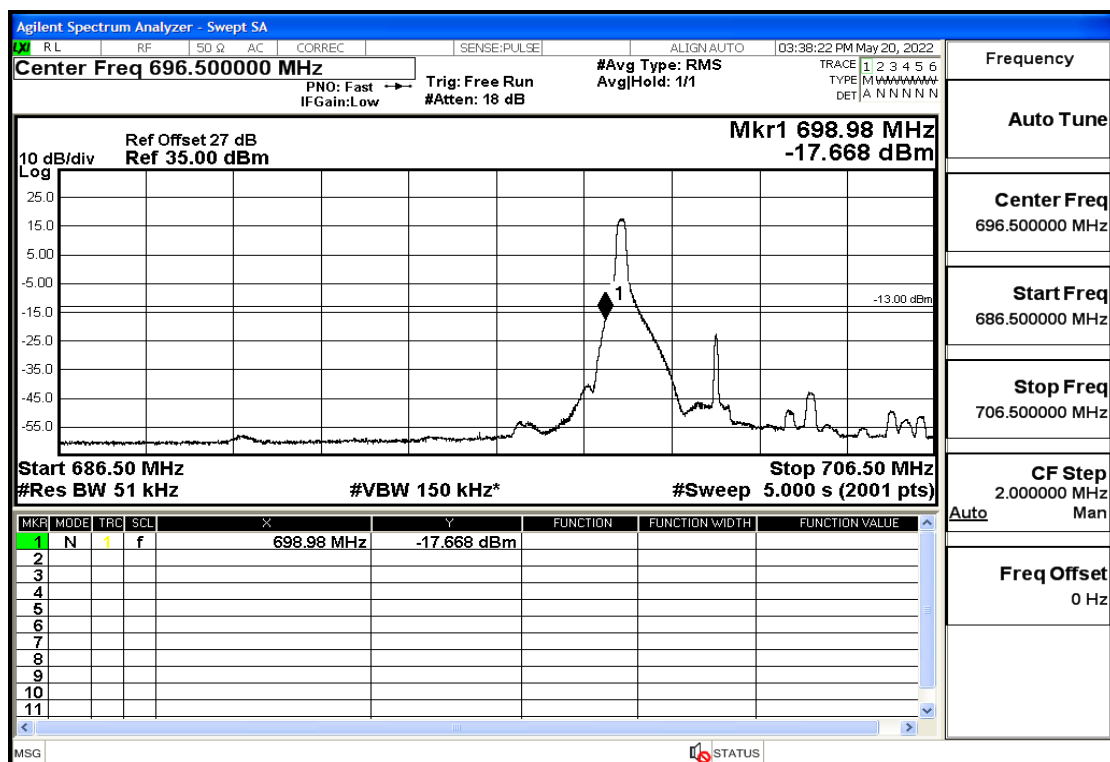
Band12-5-701.5-QPSK-1#LOW@Pass



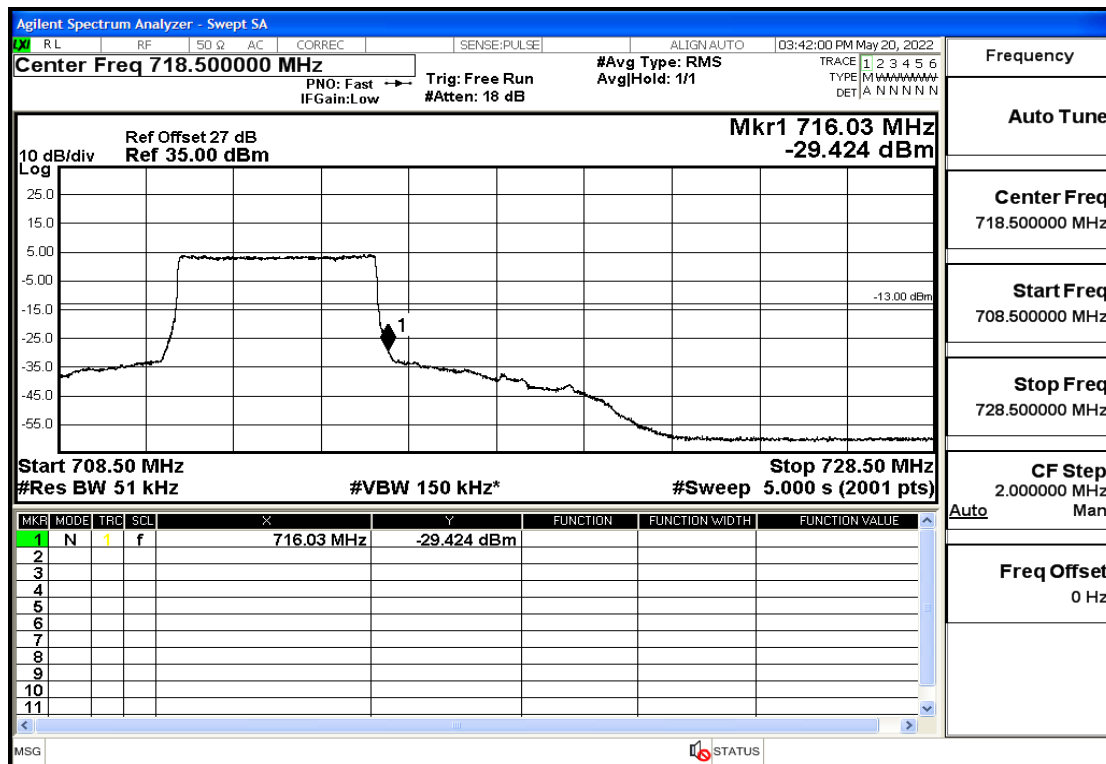
Band12-5-701.5-16QAM-25#LOW@Pass



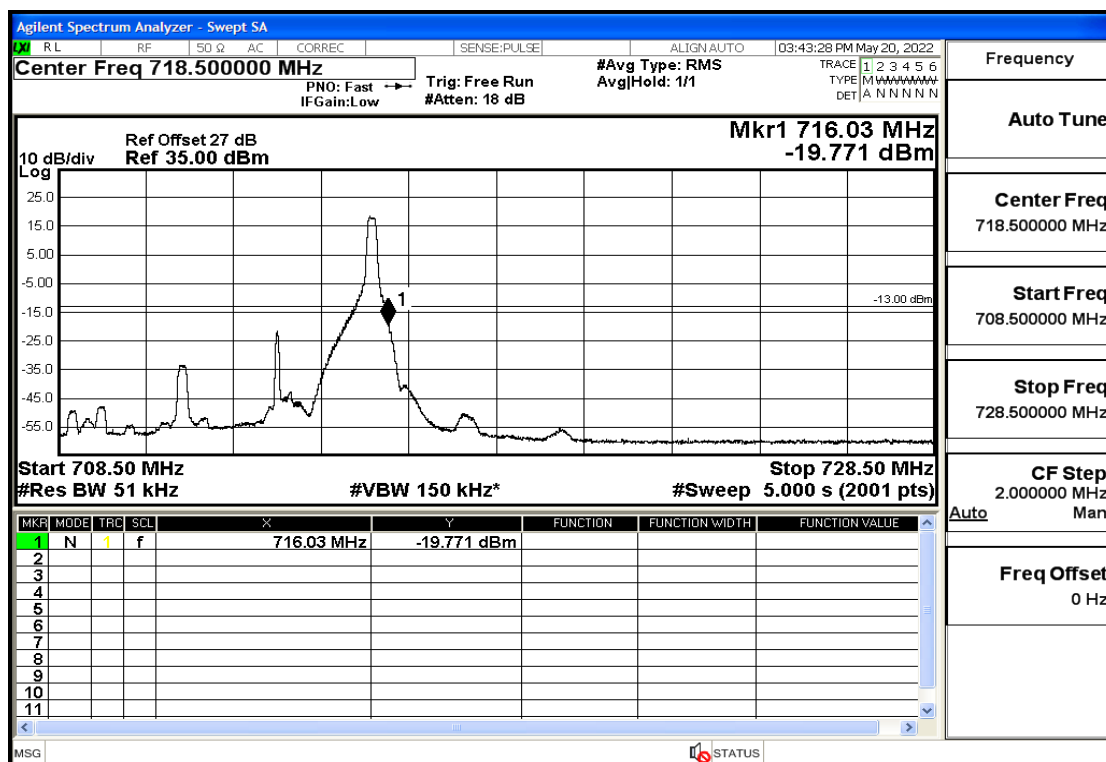
Band12-5-701.5-16QAM-1#LOW@Pass



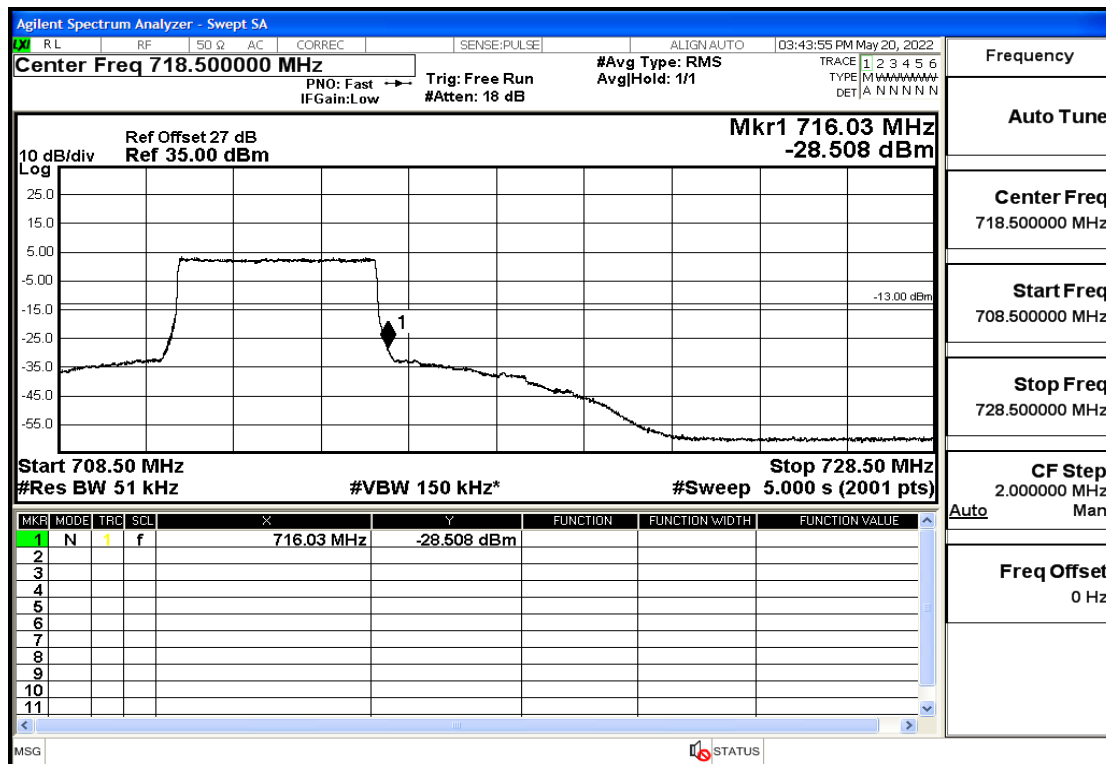
Band12-5-713.5-QPSK-25#LOW@Pass



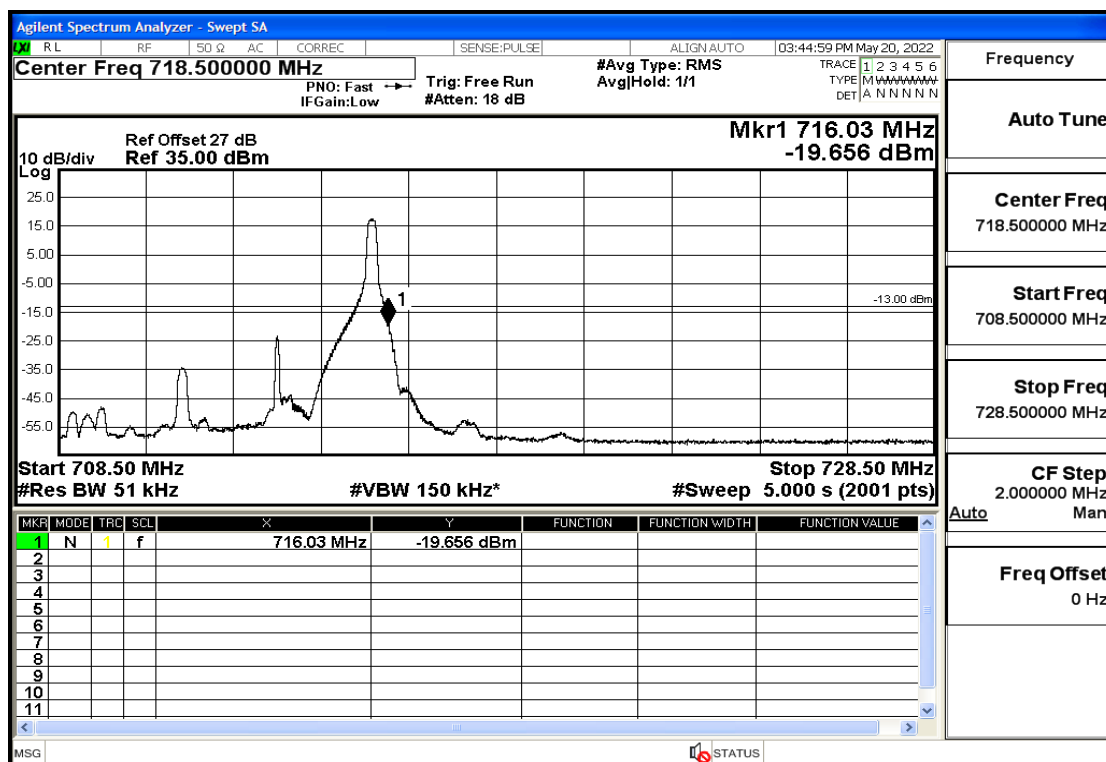
Band12-5-713.5-QPSK-1#HIGH@Pass



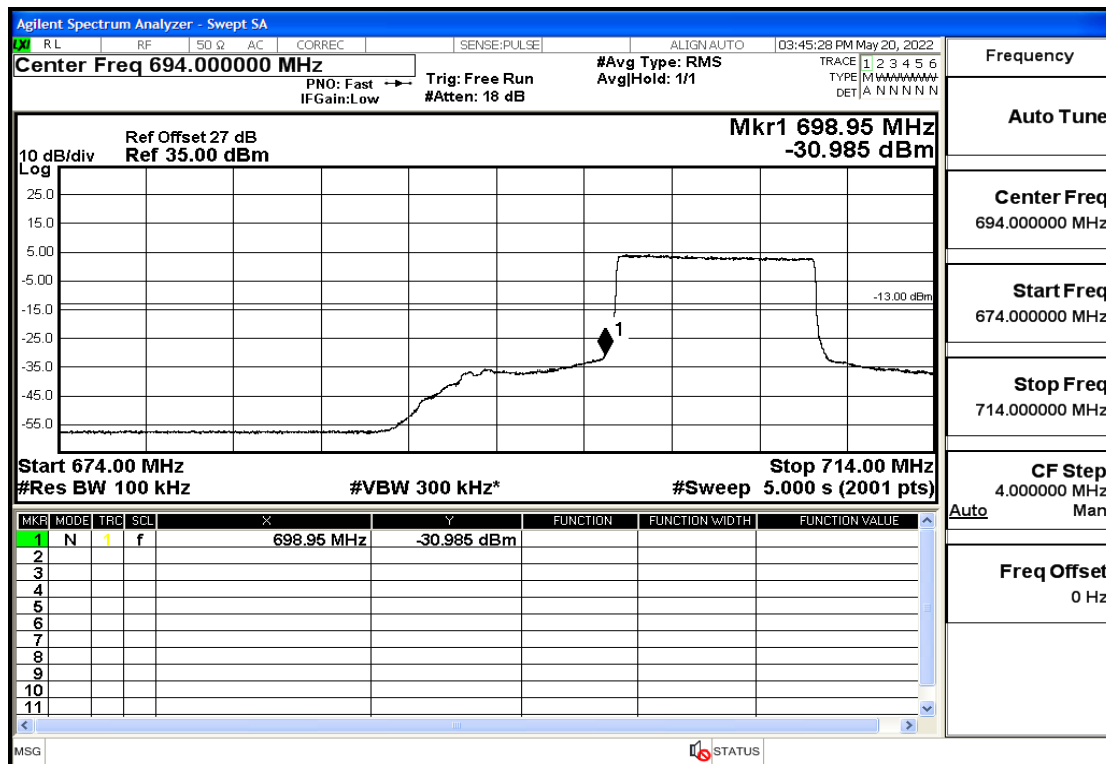
Band12-5-713.5-16QAM-25#LOW@Pass



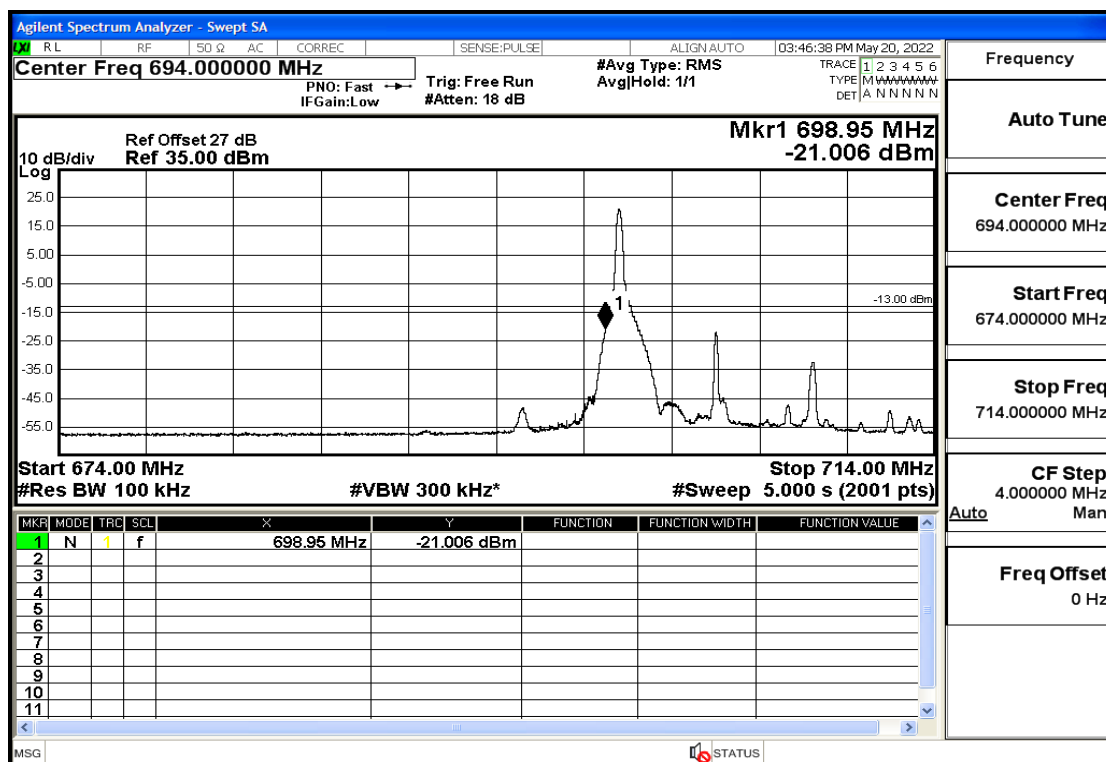
Band12-5-713.5-16QAM-1#HIGH@Pass



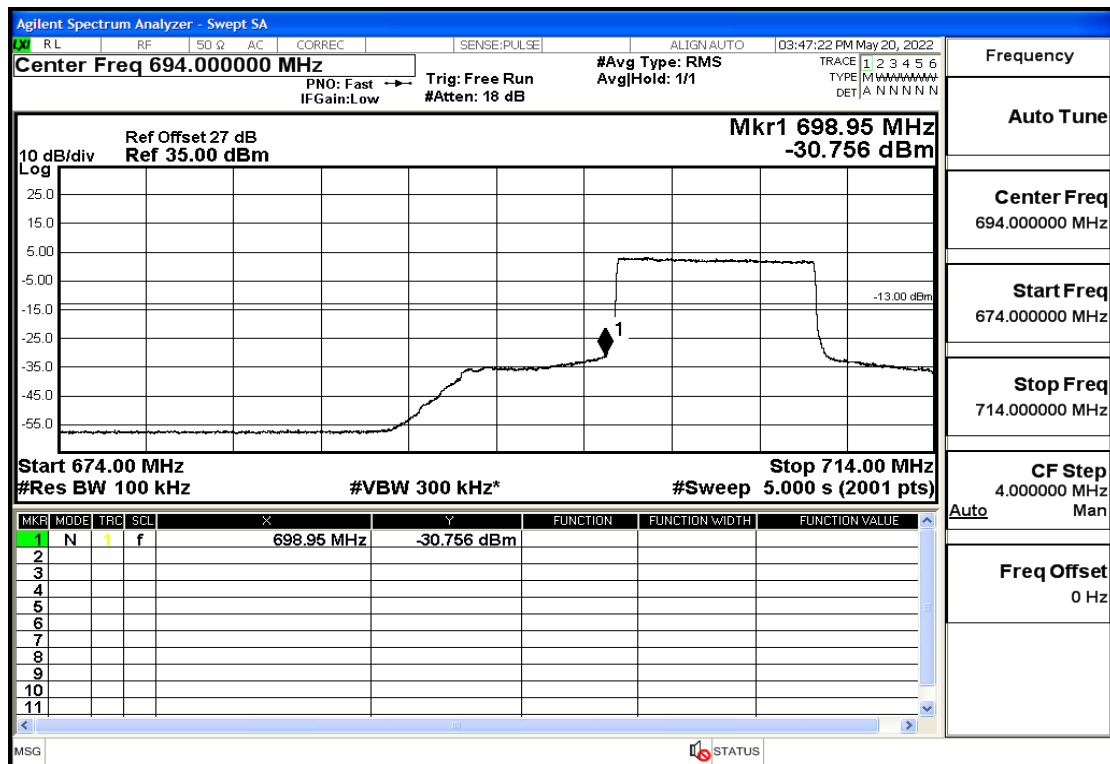
Band12-10-704-QPSK-50#LOW@Pass



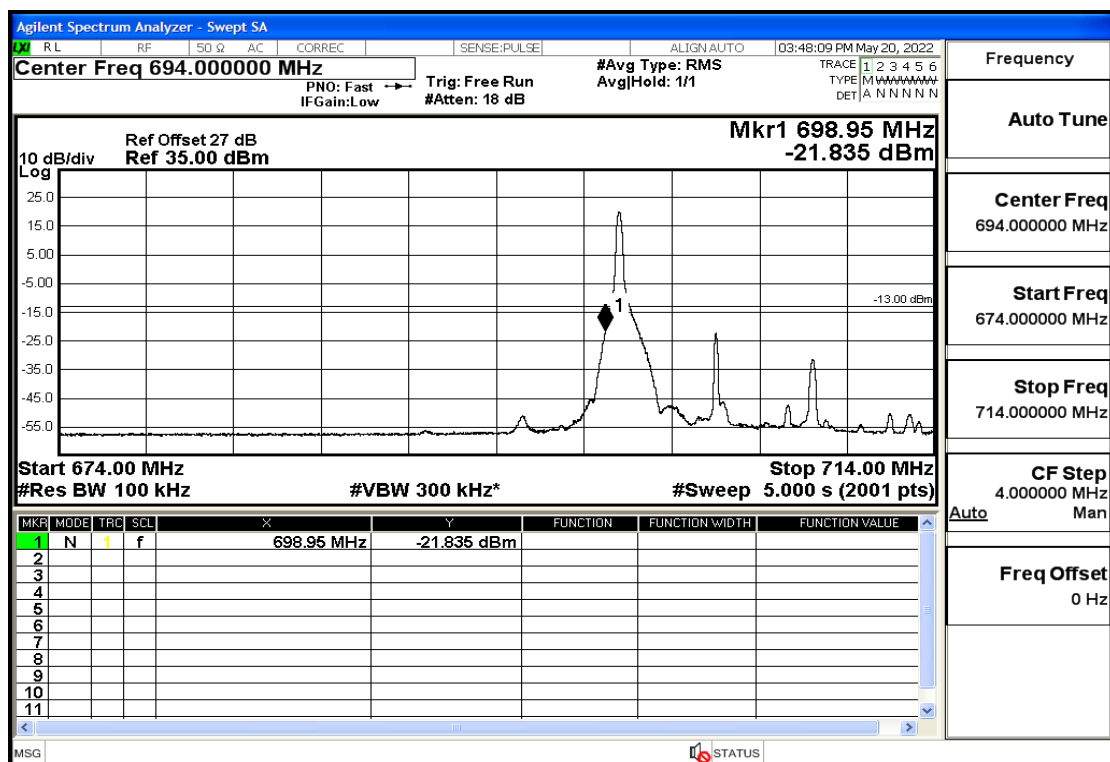
Band12-10-704-QPSK-1#LOW@Pass



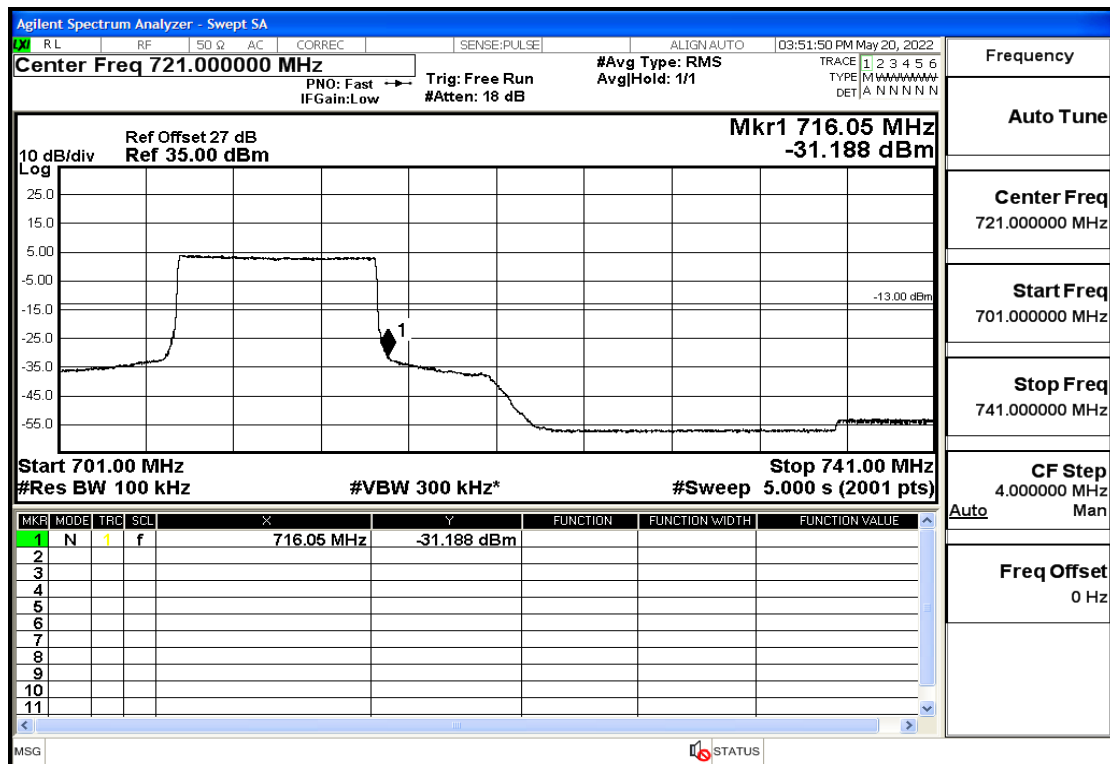
Band12-10-704-16QAM-50#LOW@Pass



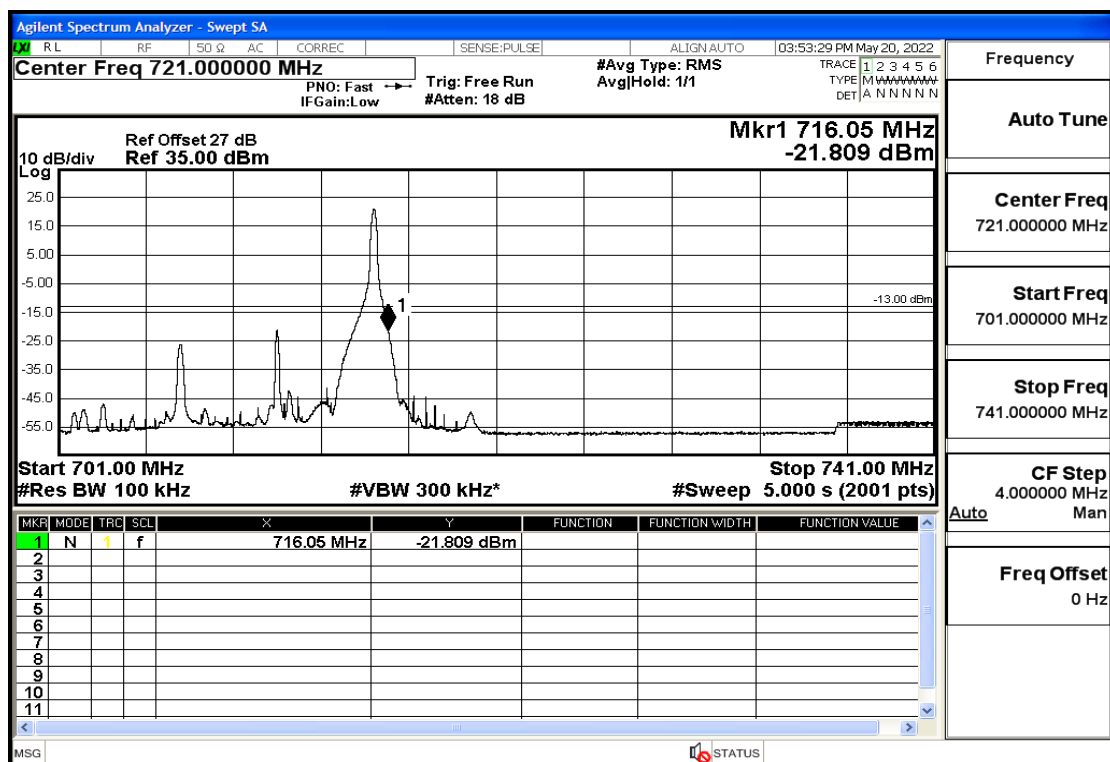
Band12-10-704-16QAM-1#LOW@Pass



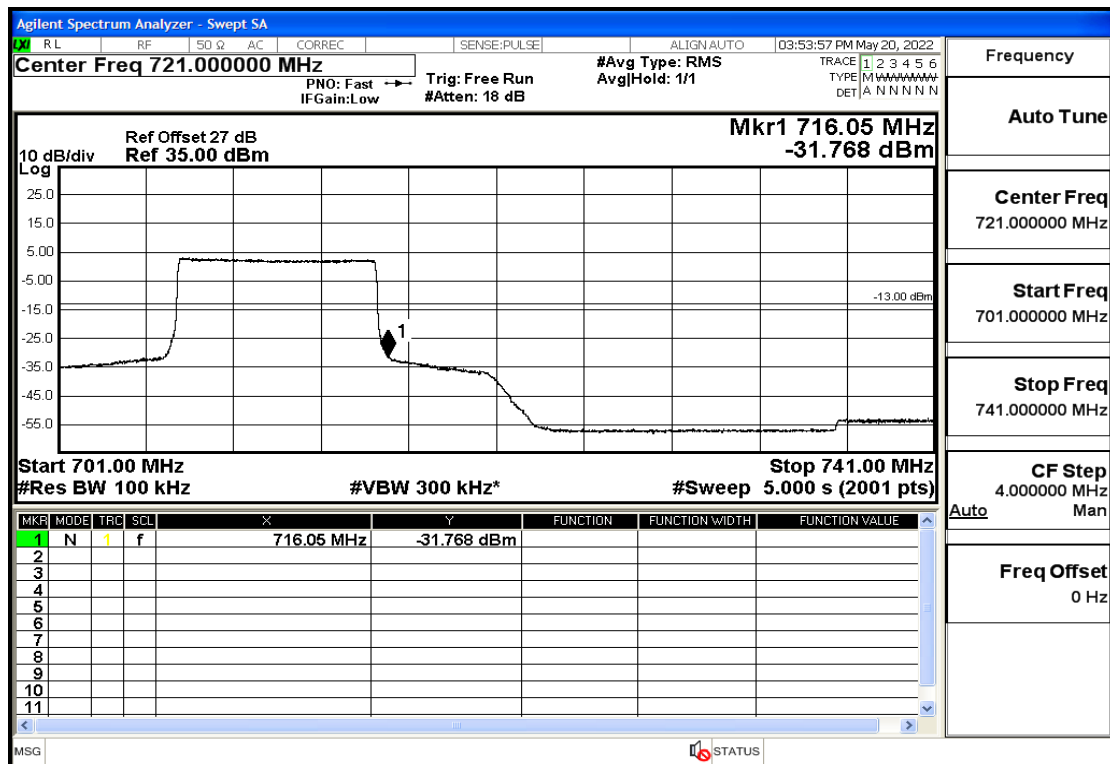
Band12-10-711-QPSK-50#LOW@Pass



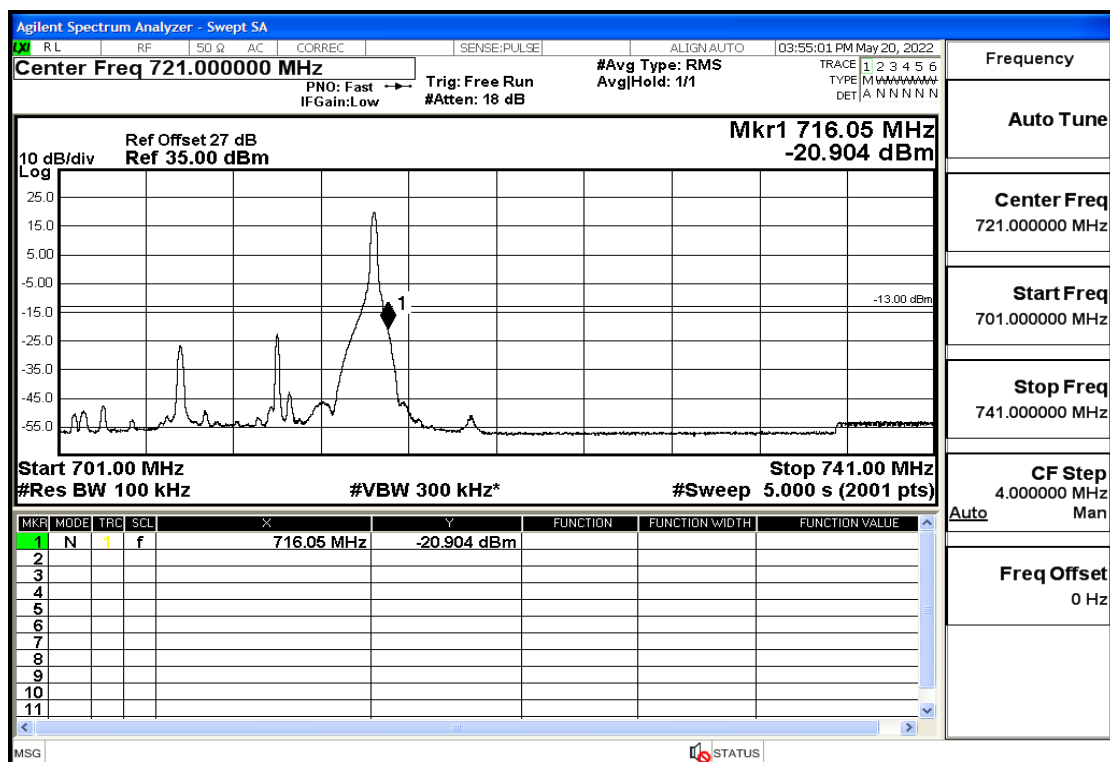
Band12-10-711-QPSK-1#HIGH@Pass



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



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

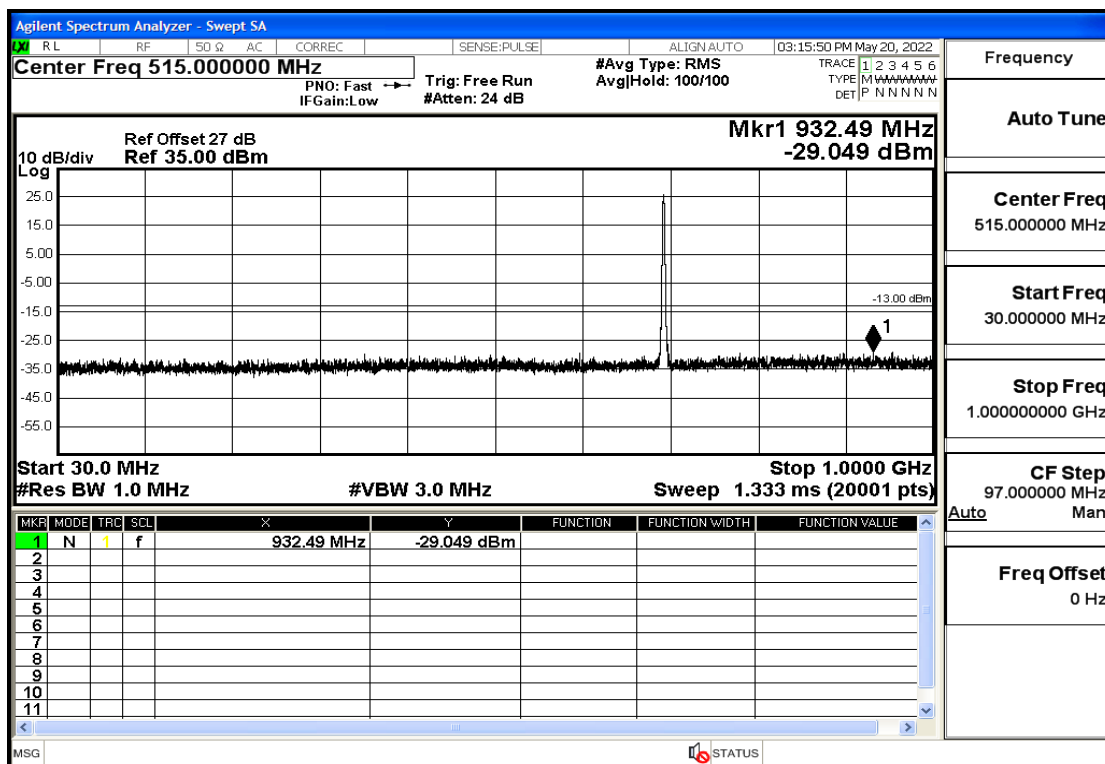


Conducted Spurious Emission

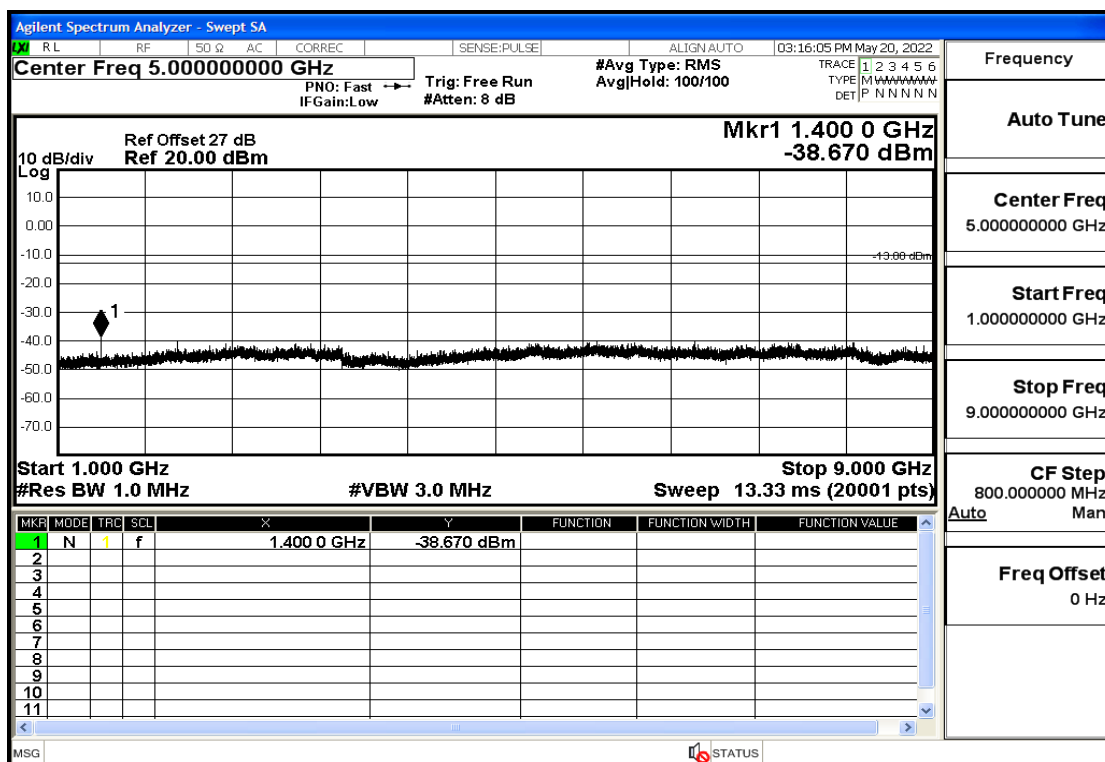
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB12	1.4	699.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	699.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	715.3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

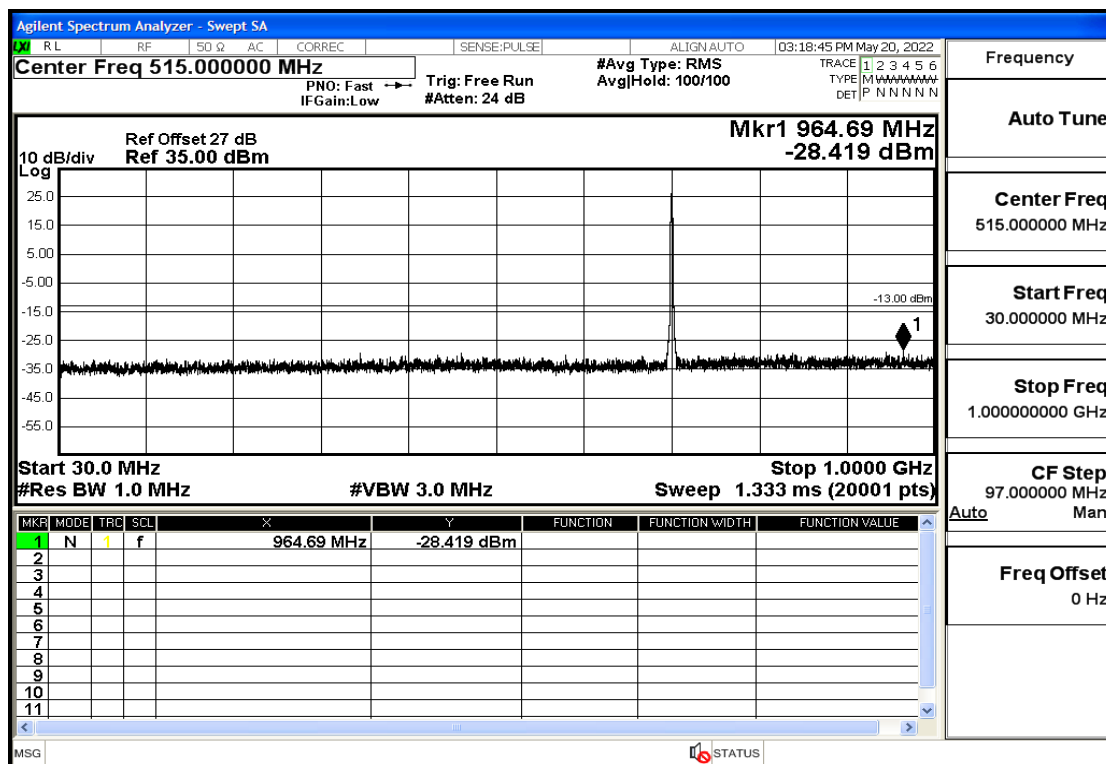
OB12-1.4-699.7-QPSK-6#LOW@30mHz-1GHz@Pass



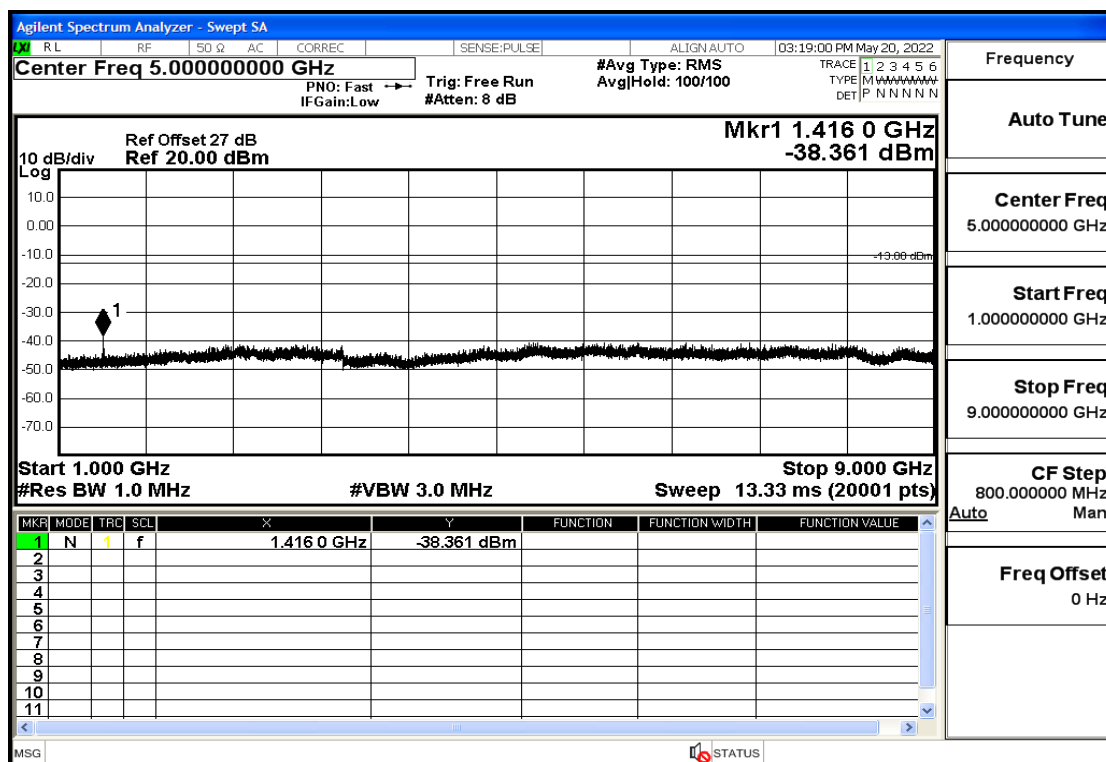
OB12-1.4-699.7-QPSK-6#LOW@1GHz-9GHz@Pass



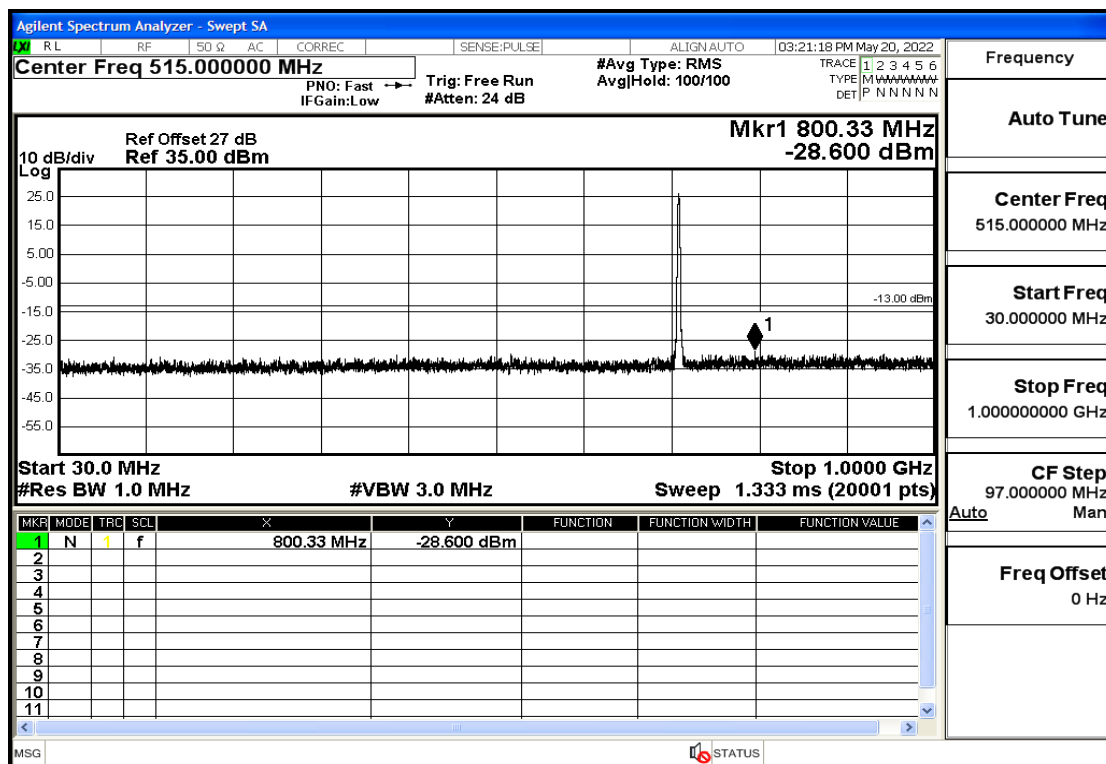
OB12-1.4-707.5-QPSK-6#LOW@30mHz-1GHz@Pass



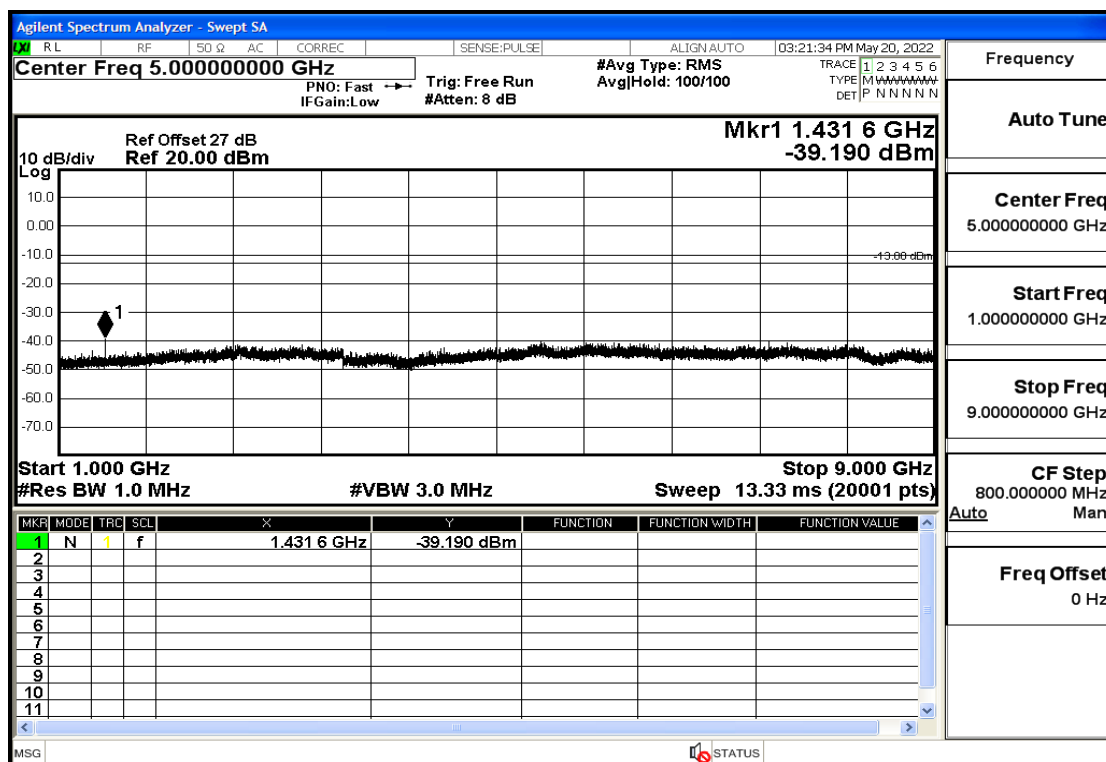
OB12-1.4-707.5-QPSK-6#LOW@1GHz-9GHz@Pass



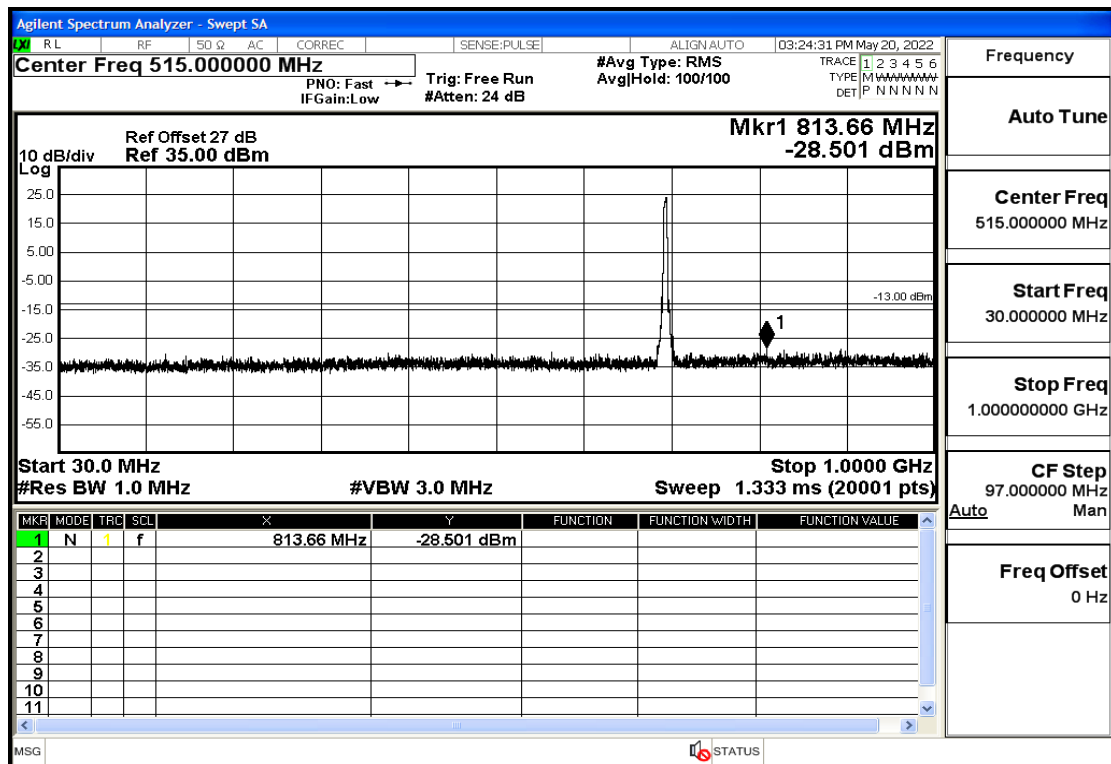
OB12-1.4-715.3-QPSK-6#LOW@30mHz-1GHz@Pass



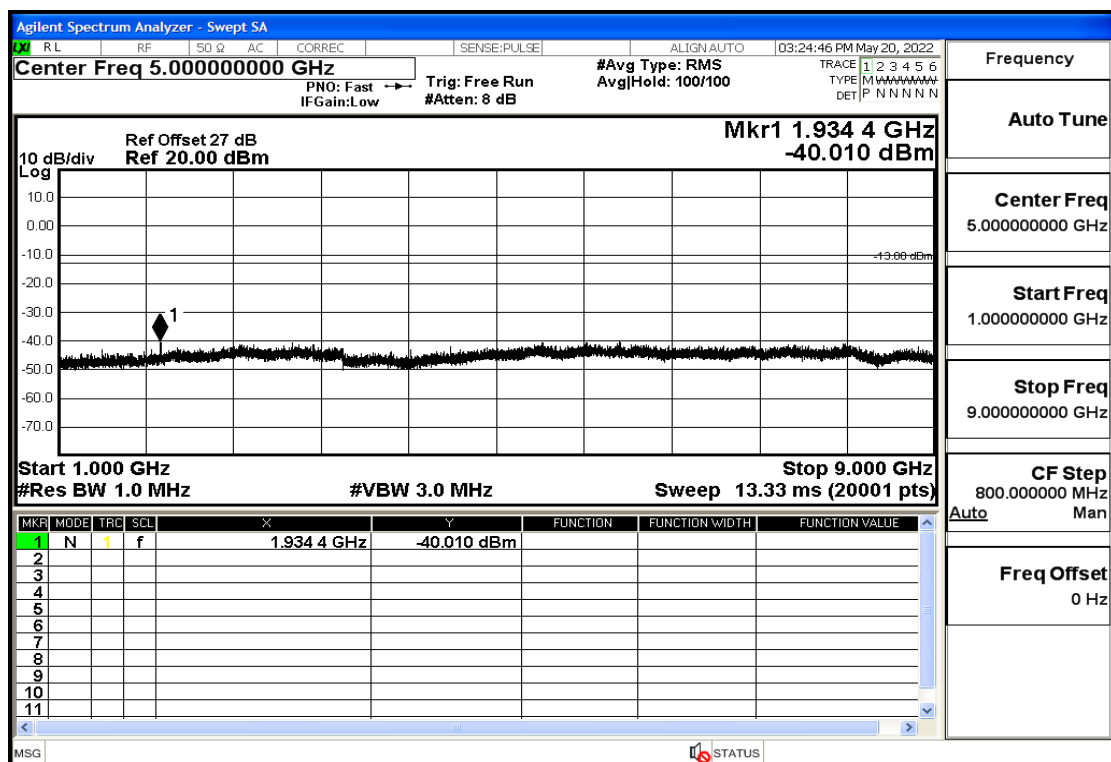
OB12-1.4-715.3-QPSK-6#LOW@1GHz-9GHz@Pass



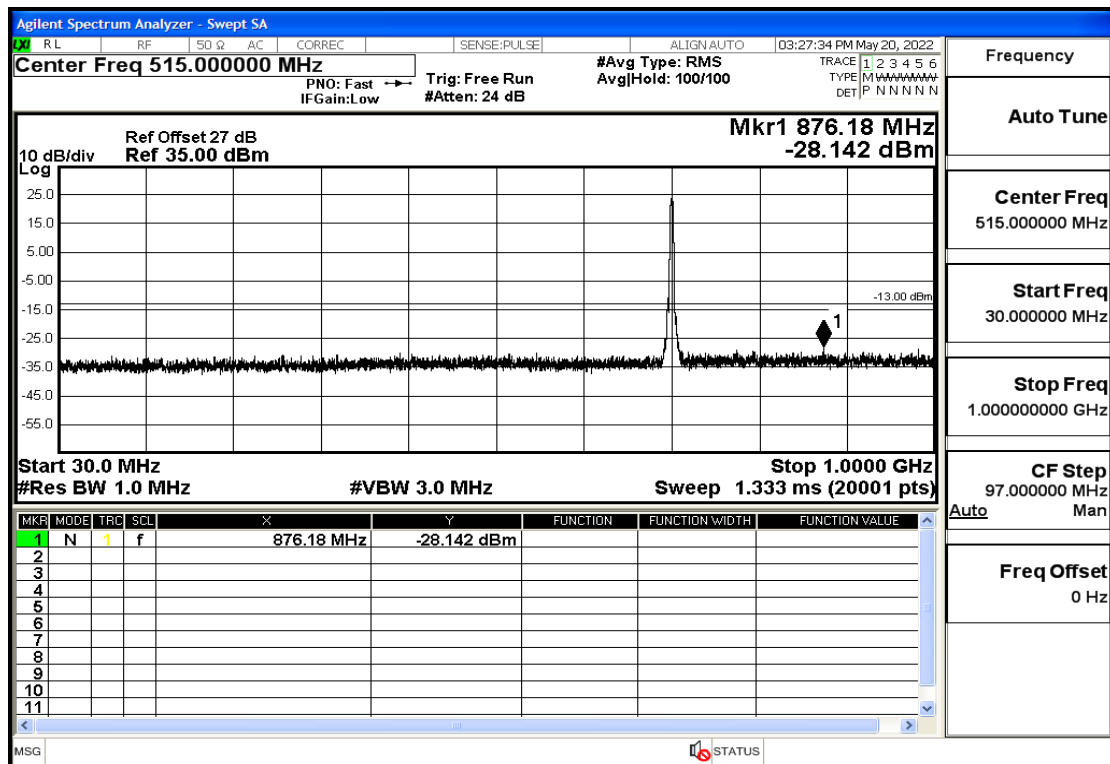
OB12-3-700.5-QPSK-15#LOW@30mHz-1GHz@Pass



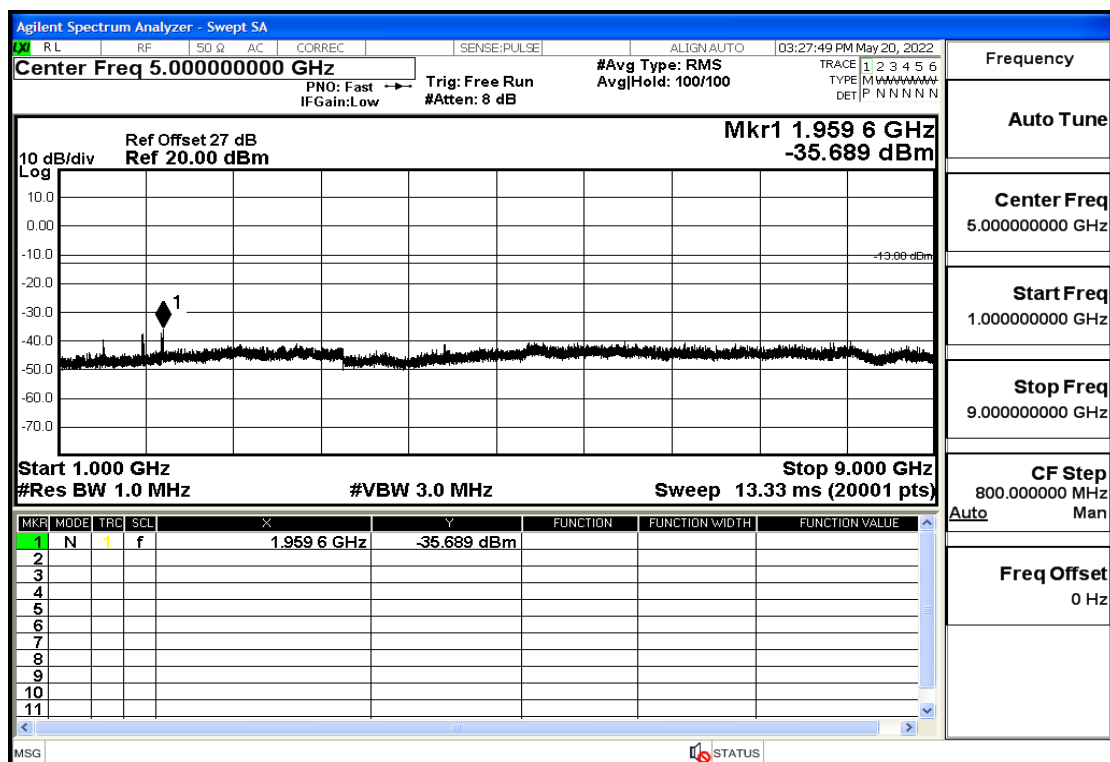
OB12-3-700.5-QPSK-15#LOW@1GHz-9GHz@Pass



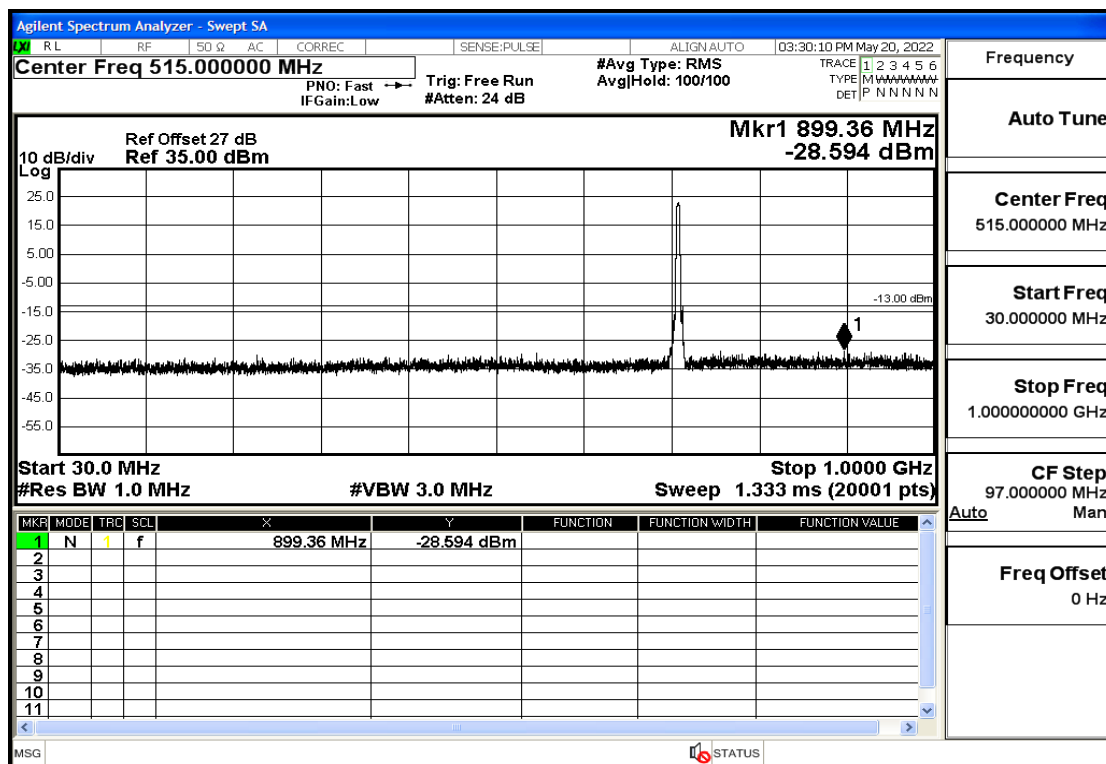
OB12-3-707.5-QPSK-15#LOW@30MHz-1GHz@Pass



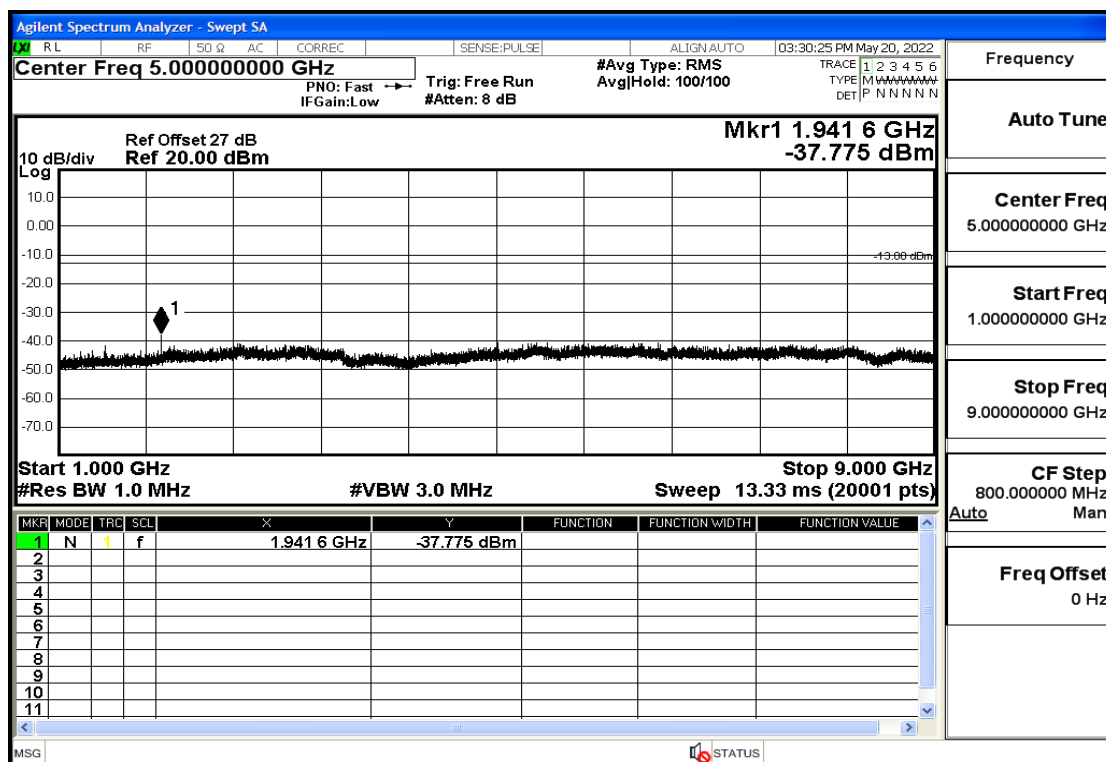
OB12-3-707.5-QPSK-15#LOW@1GHz-9GHz@Pass



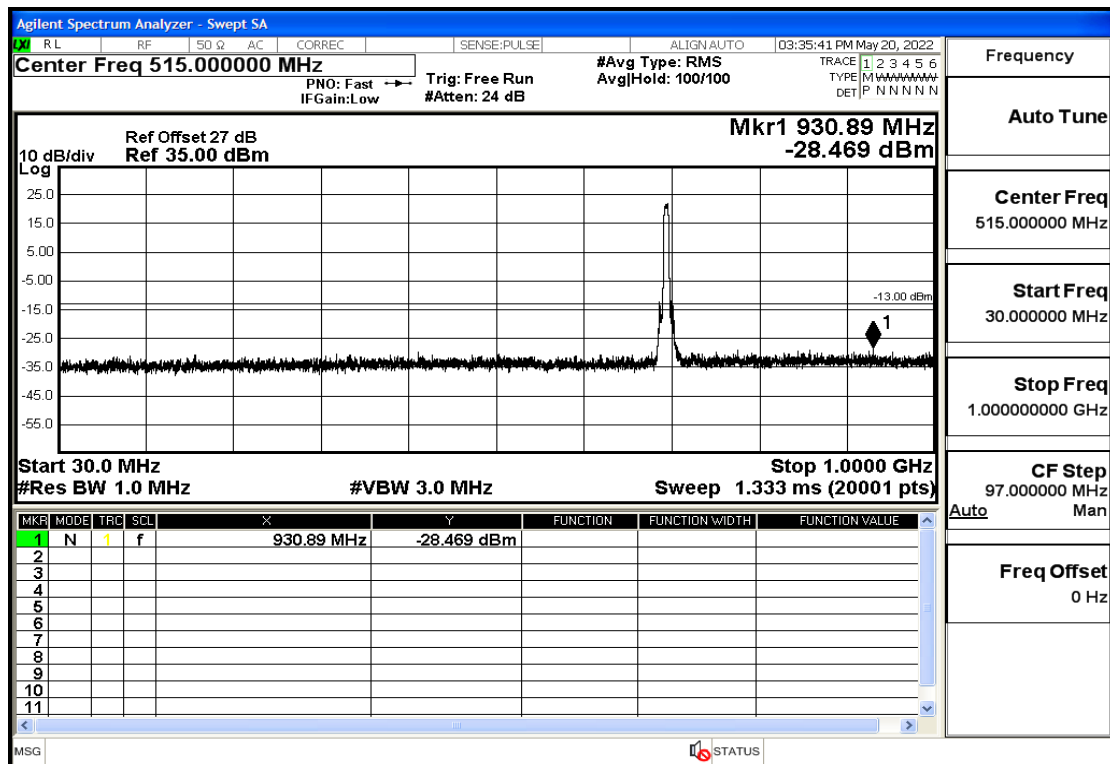
OB12-3-714.5-QPSK-15#LOW@30MHz-1GHz@Pass



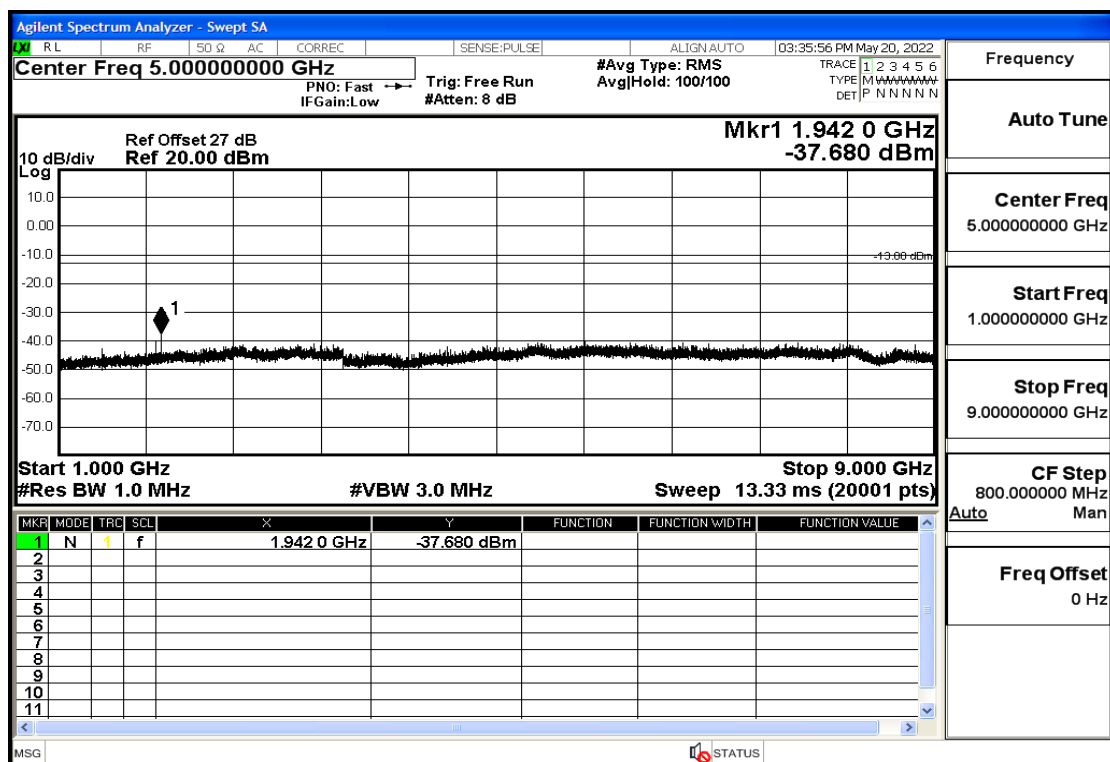
OB12-3-714.5-QPSK-15#LOW@1GHz-9GHz@Pass



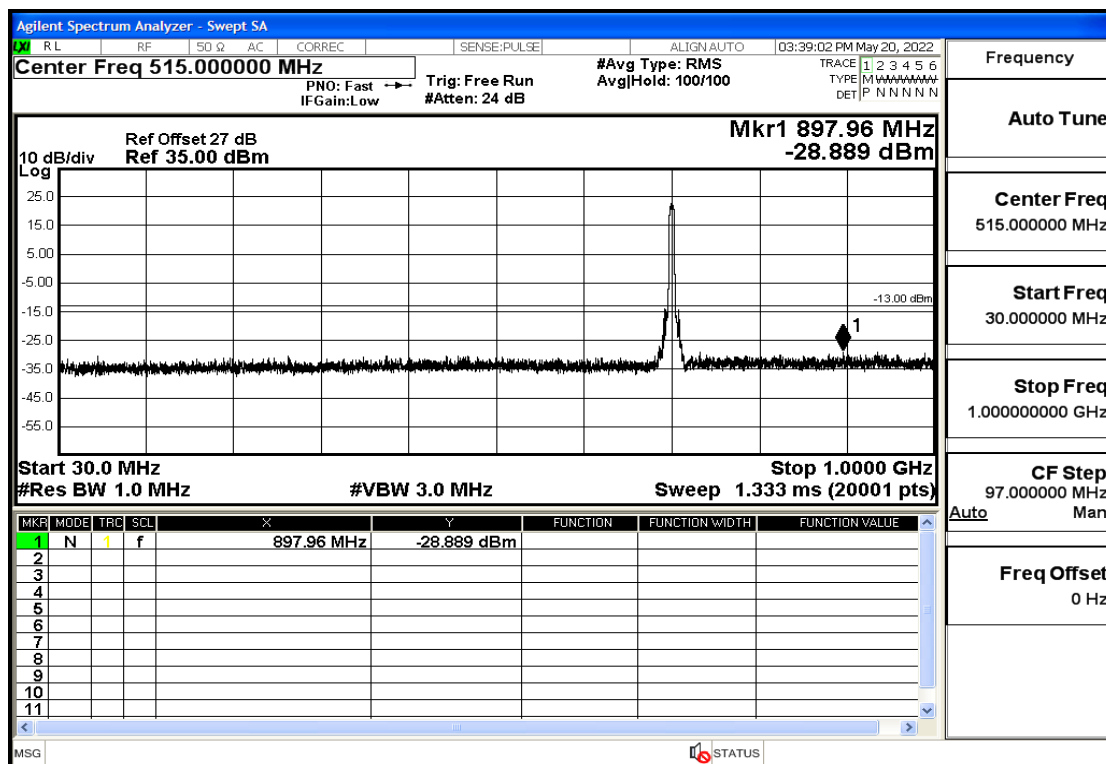
OB12-5-701.5-QPSK-25#LOW@30MHz-1GHz@Pass



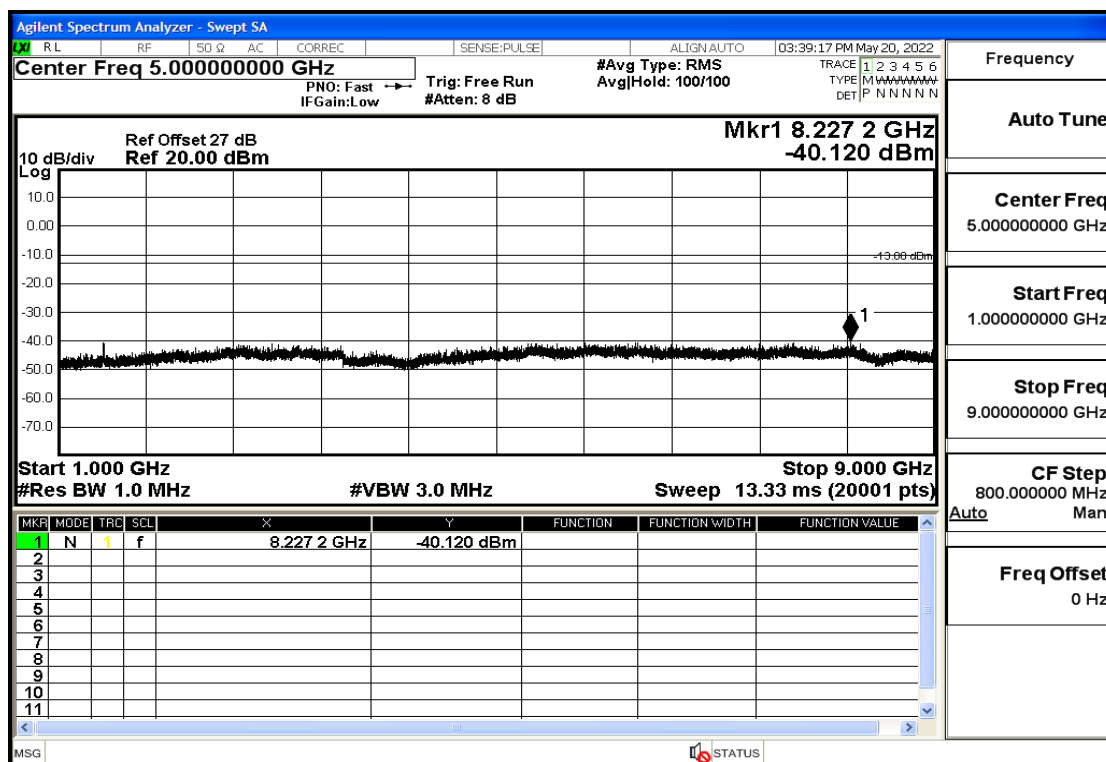
OB12-5-701.5-QPSK-25#LOW@1GHz-9GHz@Pass



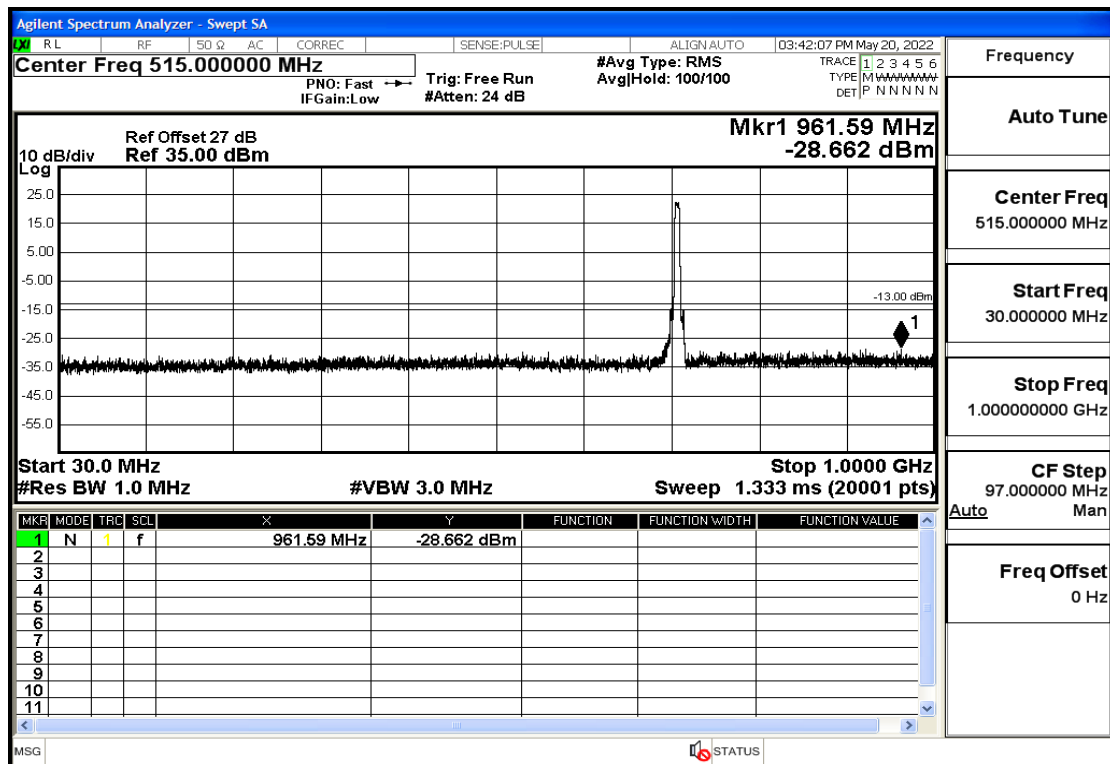
OB12-5-707.5-QPSK-25#LOW@30MHz-1GHz@Pass



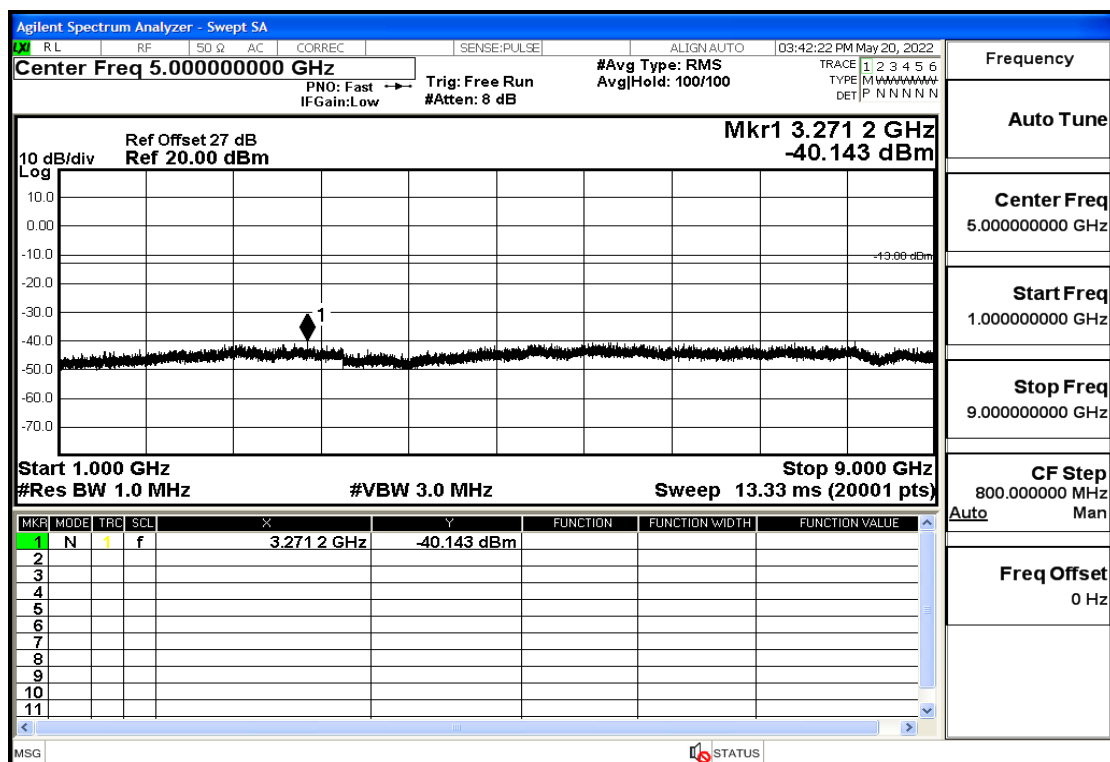
OB12-5-707.5-QPSK-25#LOW@1GHz-9GHz@Pass



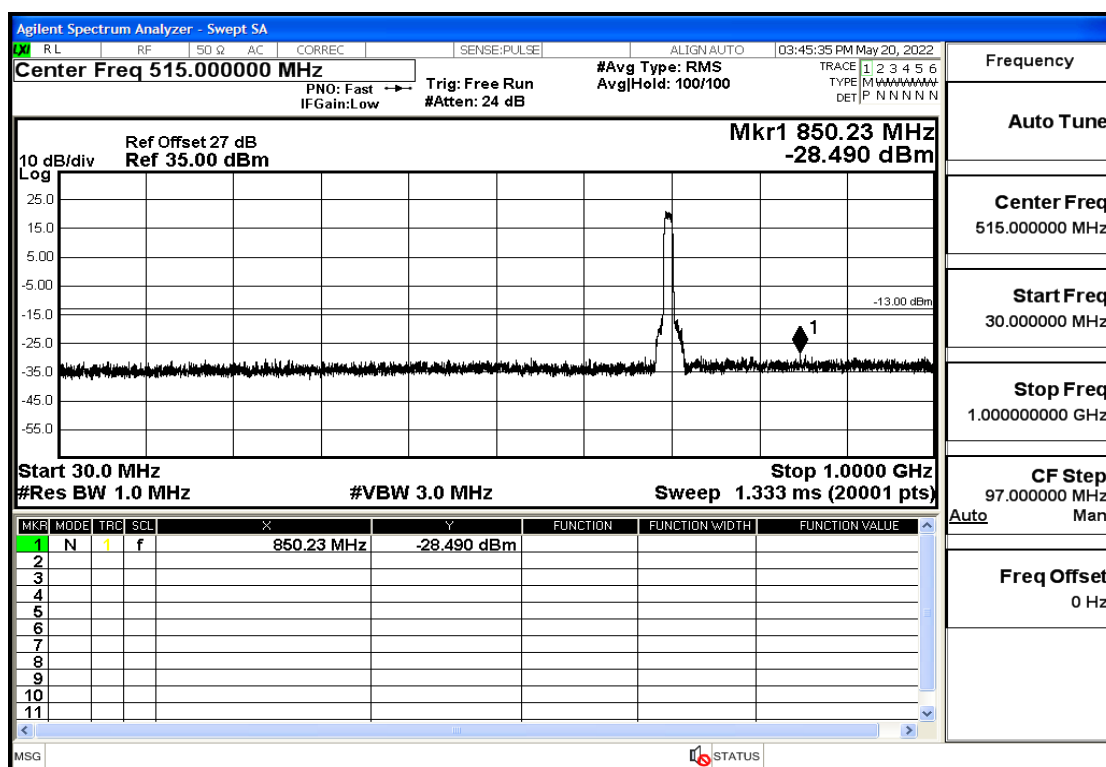
OB12-5-713.5-QPSK-25#LOW@30MHz-1GHz@Pass



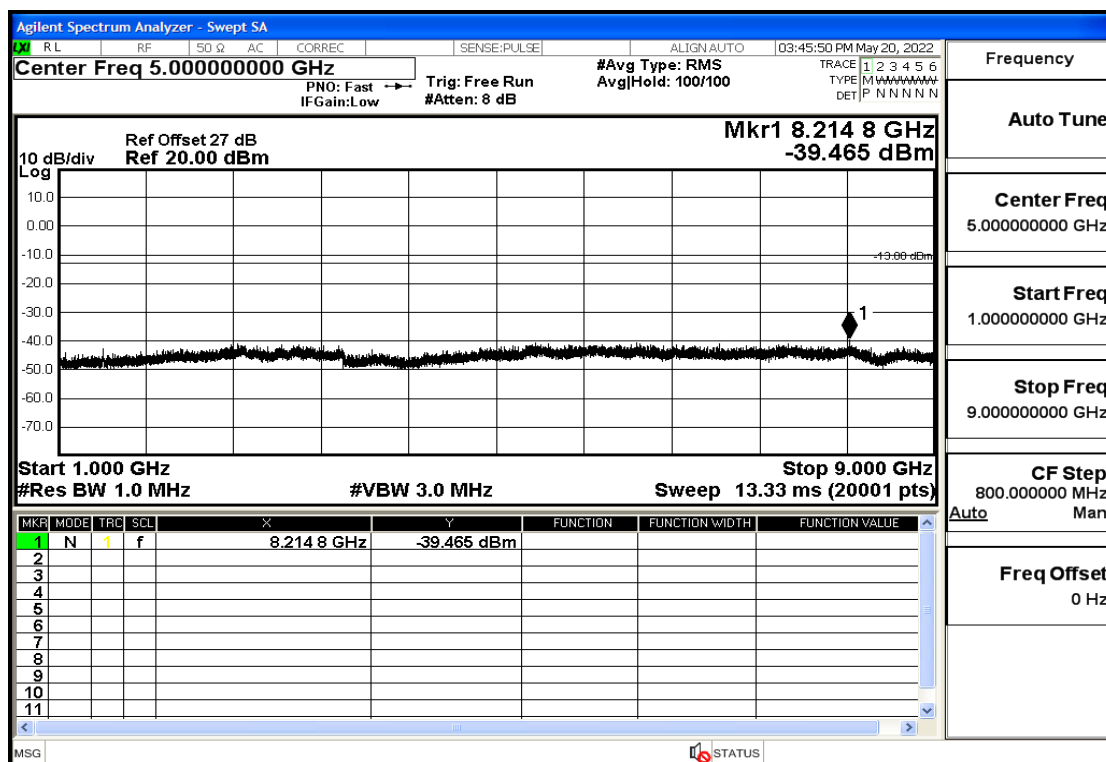
OB12-5-713.5-QPSK-25#LOW@1GHz-9GHz@Pass



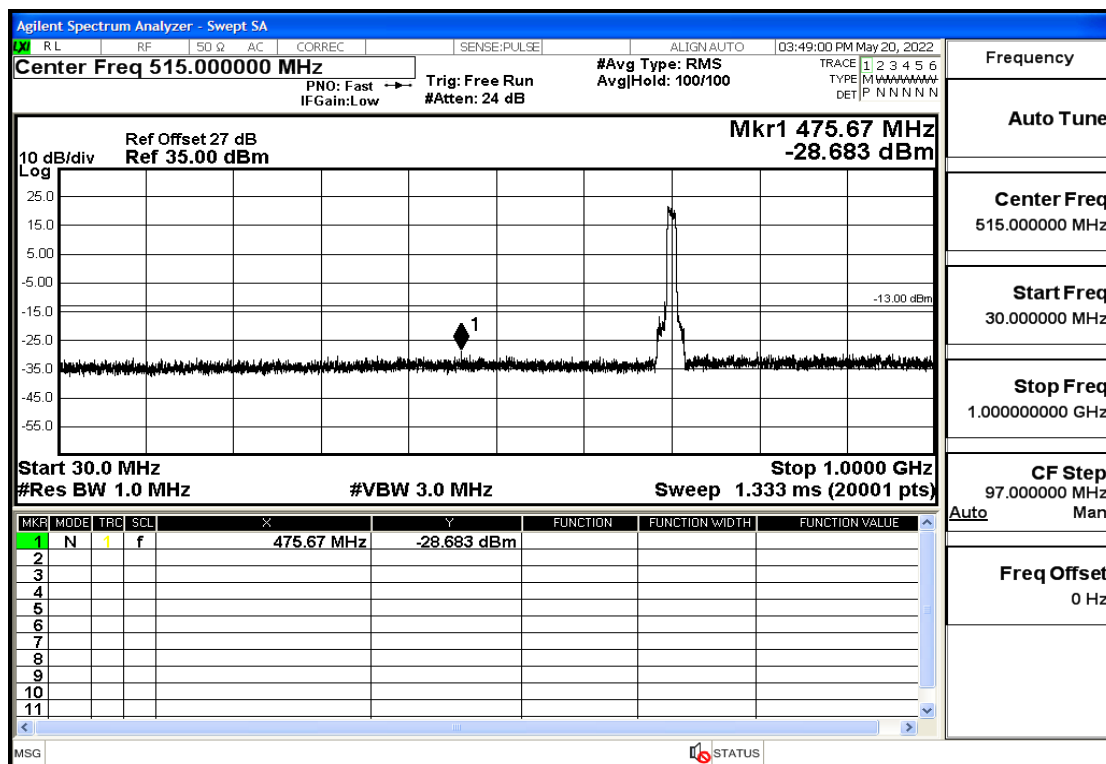
OB12-10-704-QPSK-50#LOW@30mHz-1GHz@Pass



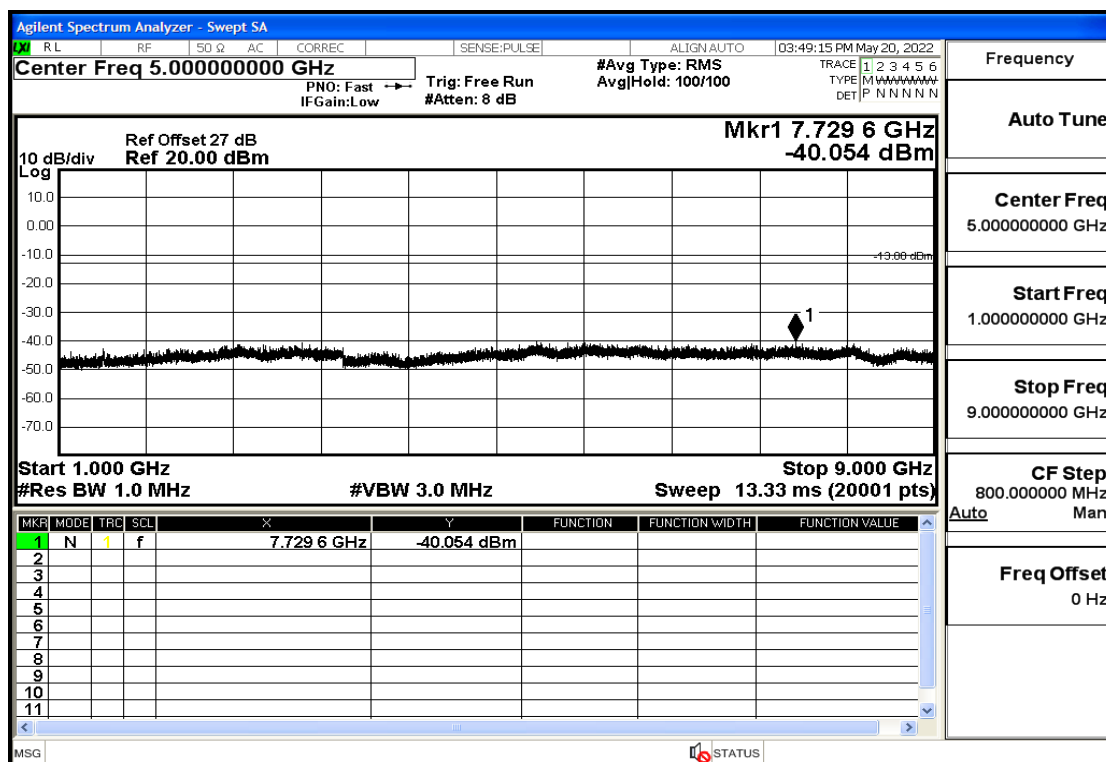
OB12-10-704-QPSK-50#LOW@1GHz-9GHz@Pass



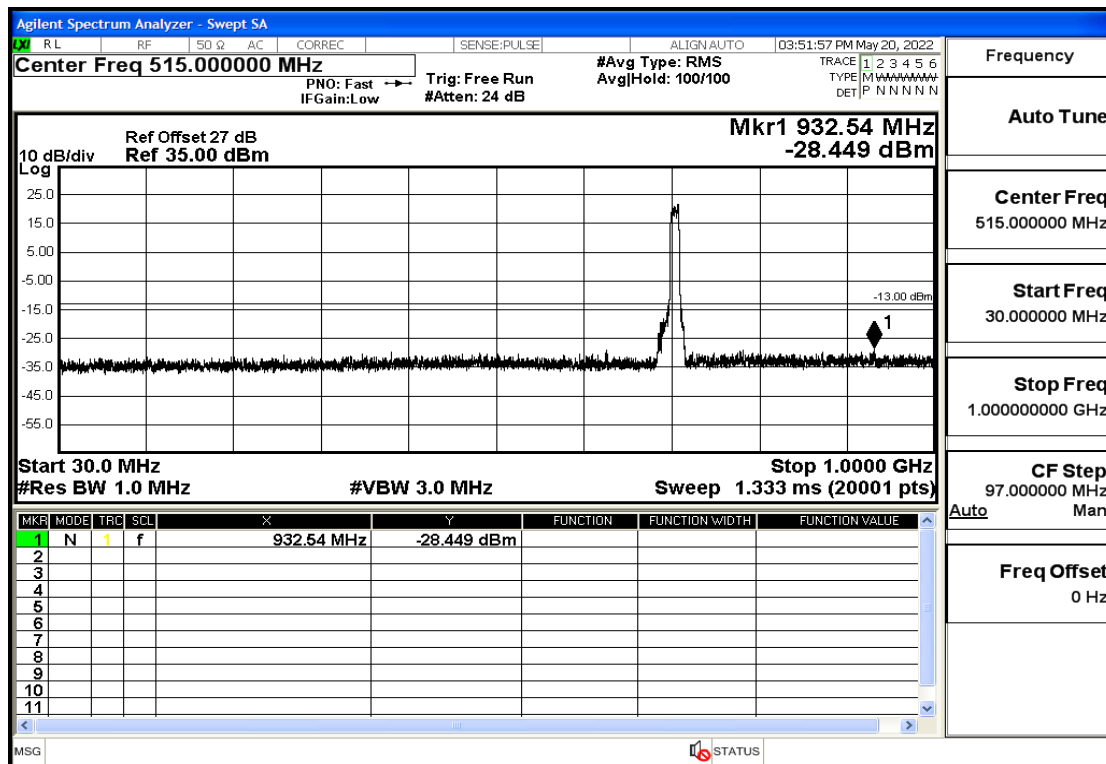
OB12-10-707.5-QPSK-50#LOW@30mHz-1GHz@Pass



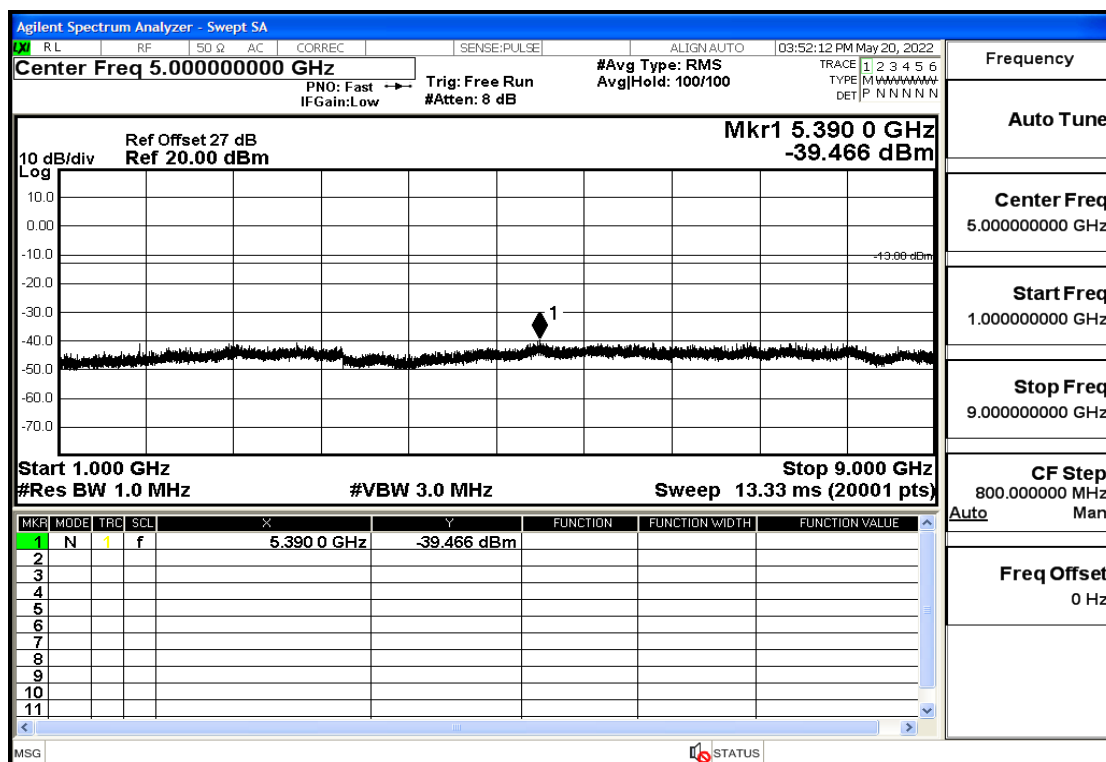
OB12-10-707.5-QPSK-50#LOW@1GHz-9GHz@Pass



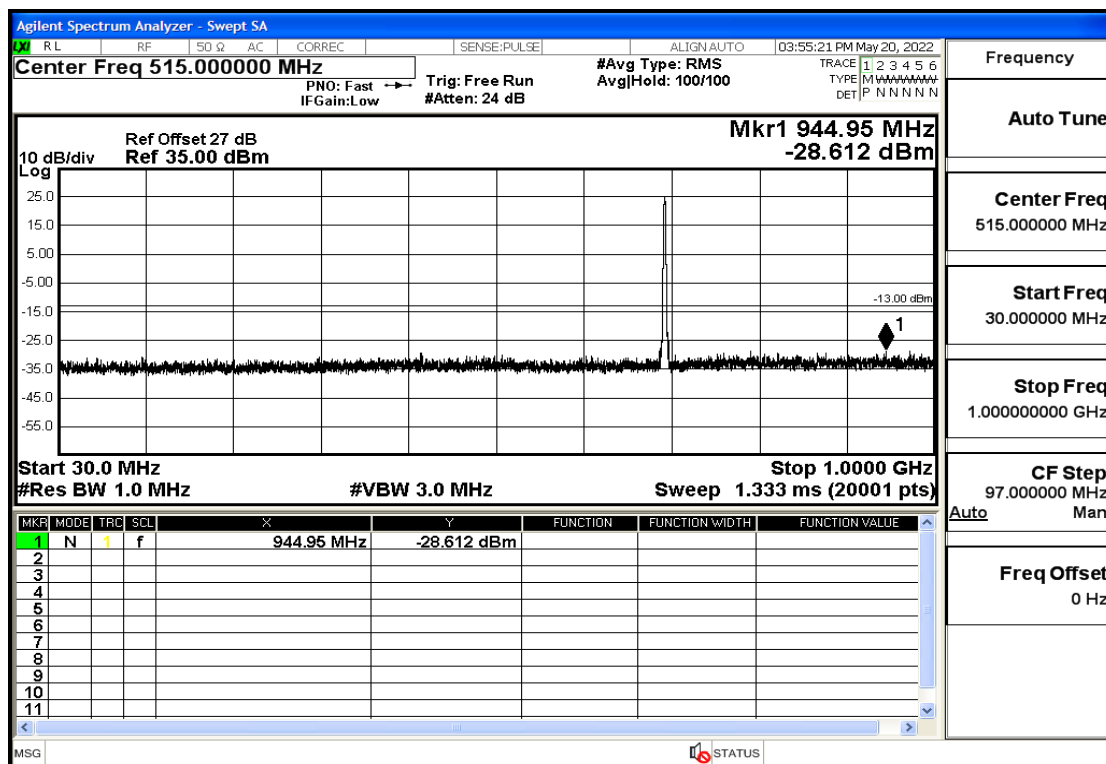
OB12-10-711-QPSK-50#LOW@30mHz-1GHz@Pass



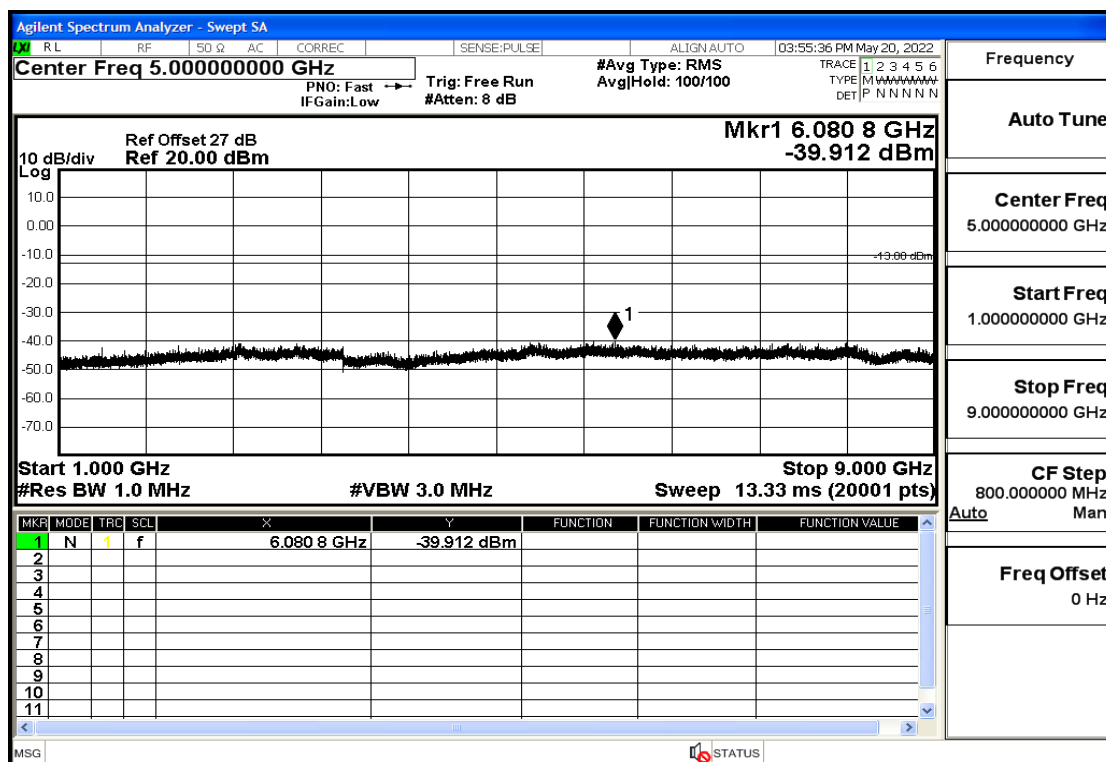
OB12-10-711-QPSK-50#LOW@1GHz-9GHz@Pass



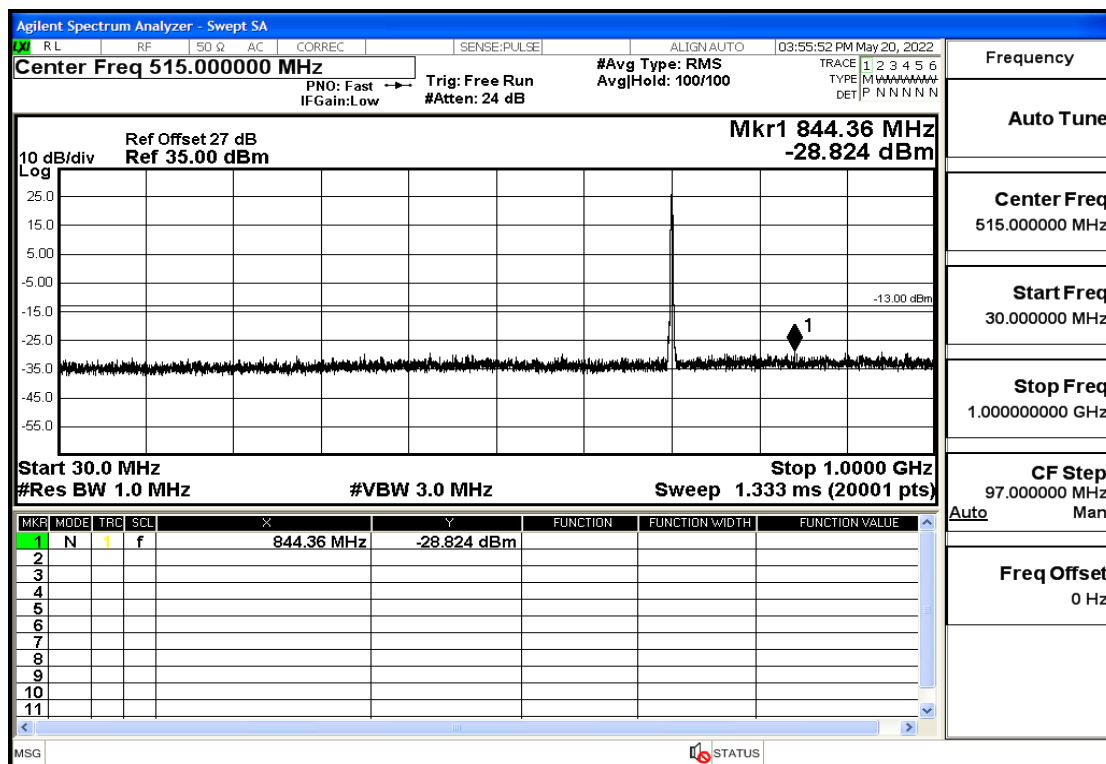
OB12-1.4-699.7-Q16-6#LOW@30mHz-1GHz@Pass



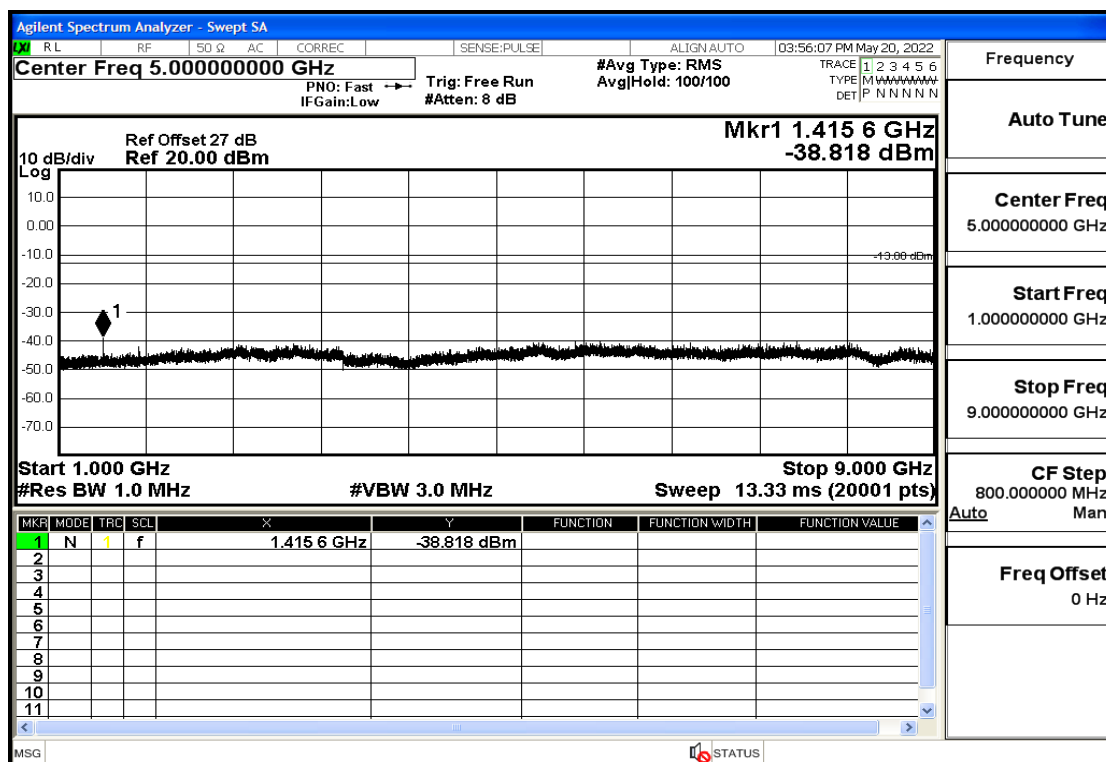
OB12-1.4-699.7-Q16-6#LOW@1GHz-9GHz@Pass



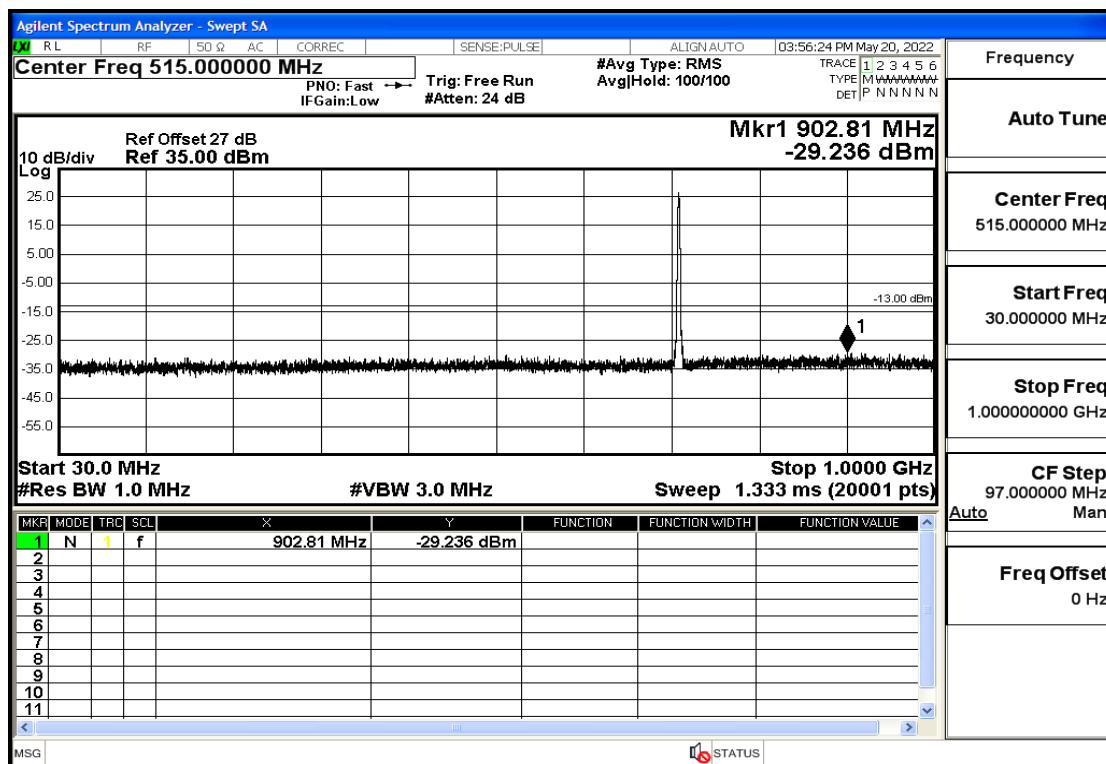
OB12-1.4-707.5-Q16-6#LOW@30mHz-1GHz@Pass



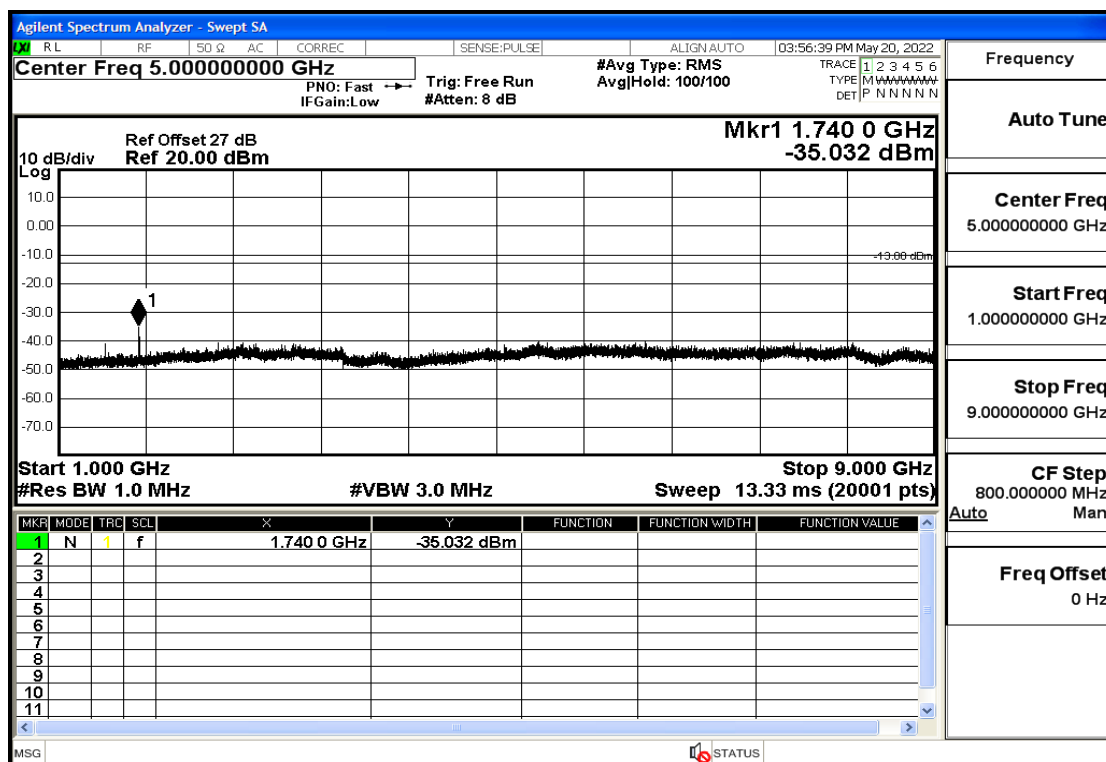
OB12-1.4-707.5-Q16-6#LOW@1GHz-9GHz@Pass



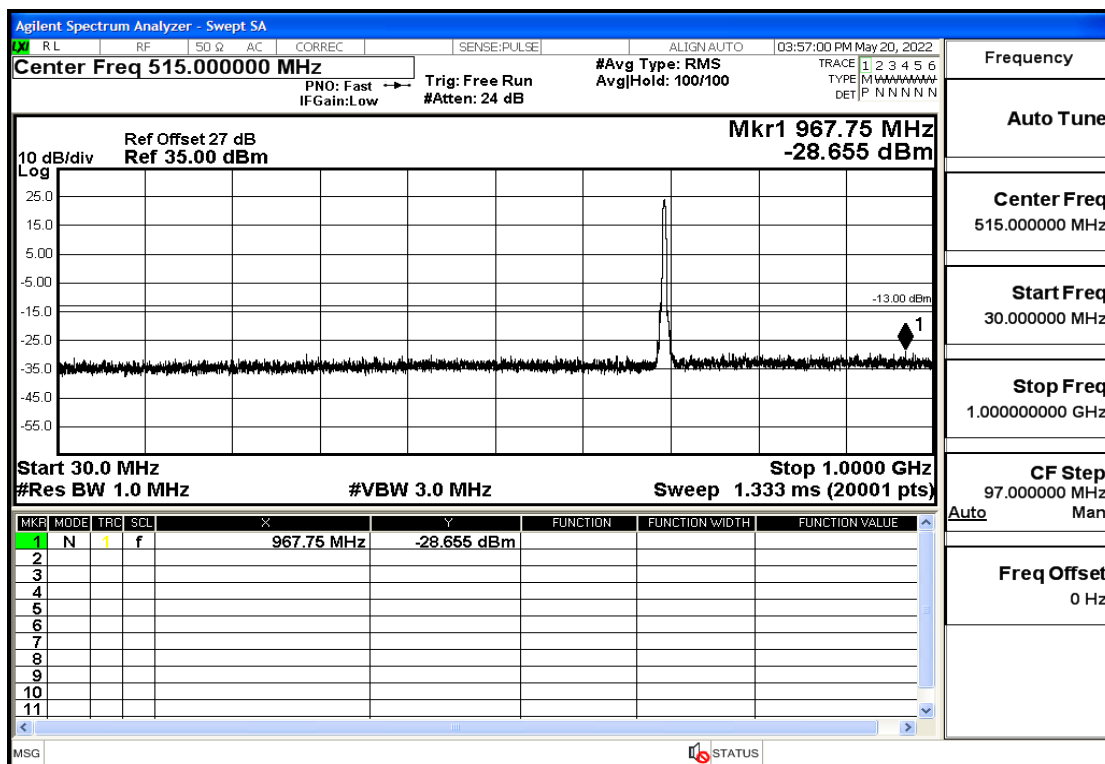
OB12-1.4-715.3-Q16-6#LOW@30mHz-1GHz@Pass



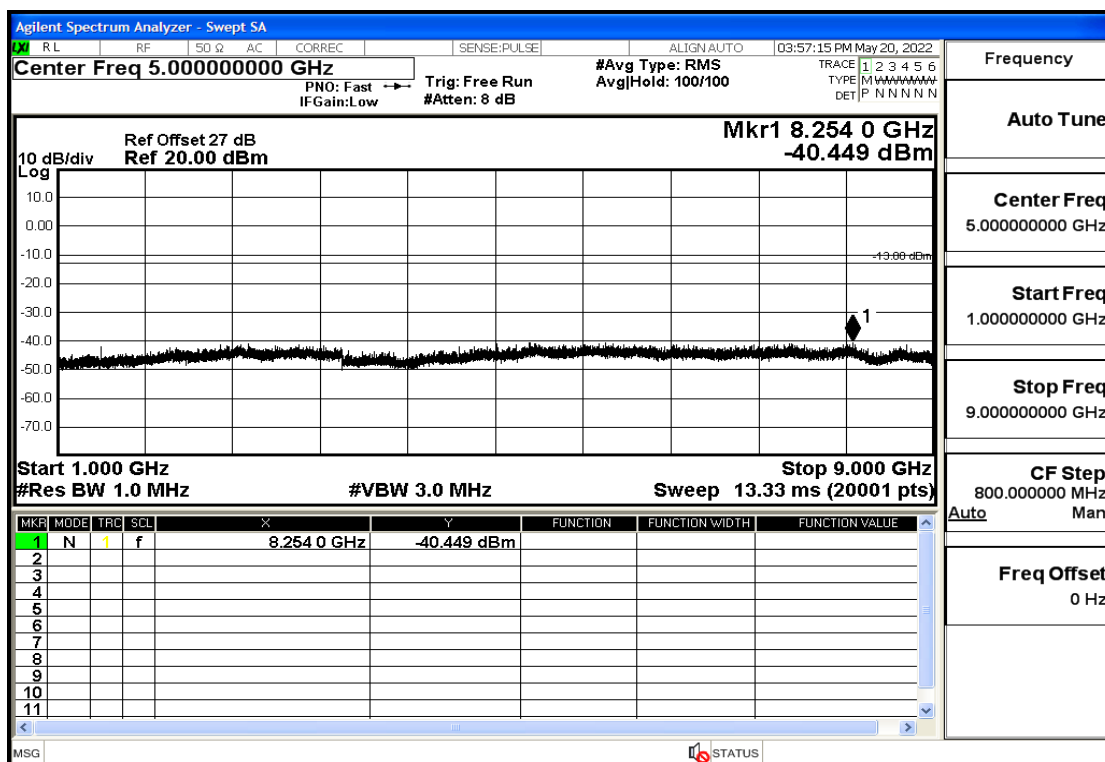
OB12-1.4-715.3-Q16-6#LOW@1GHz-9GHz@Pass



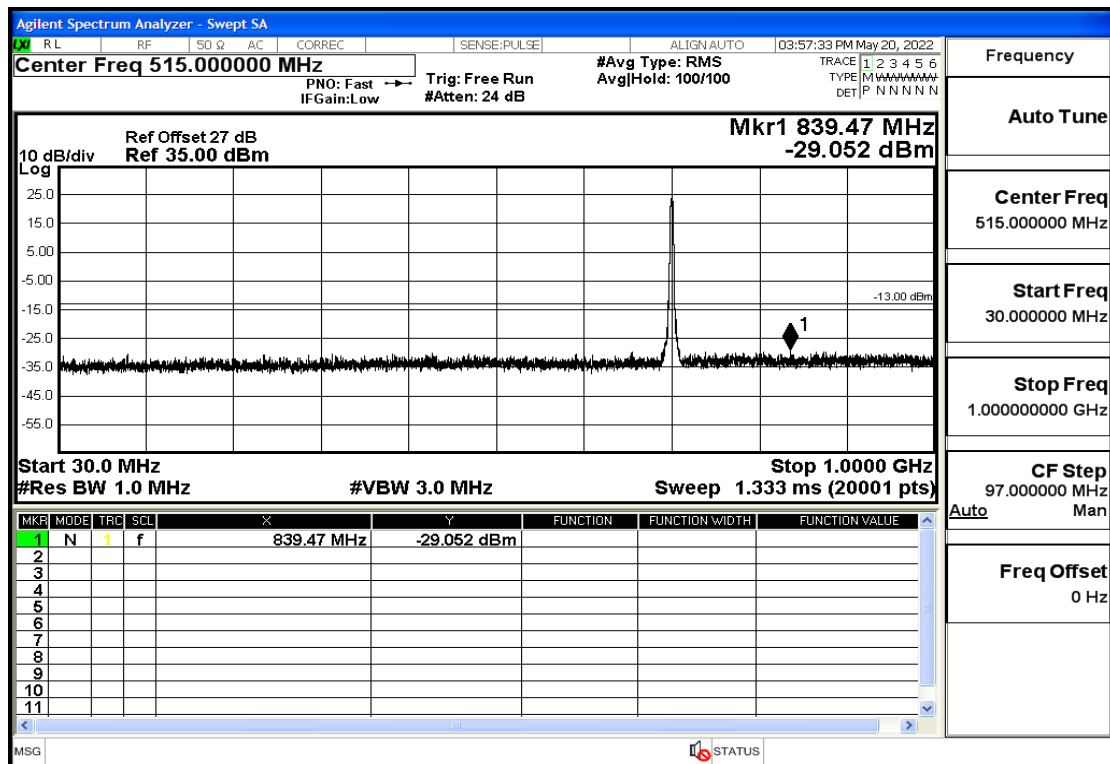
OB12-3-700.5-Q16-15#LOW@30mHz-1GHz@Pass



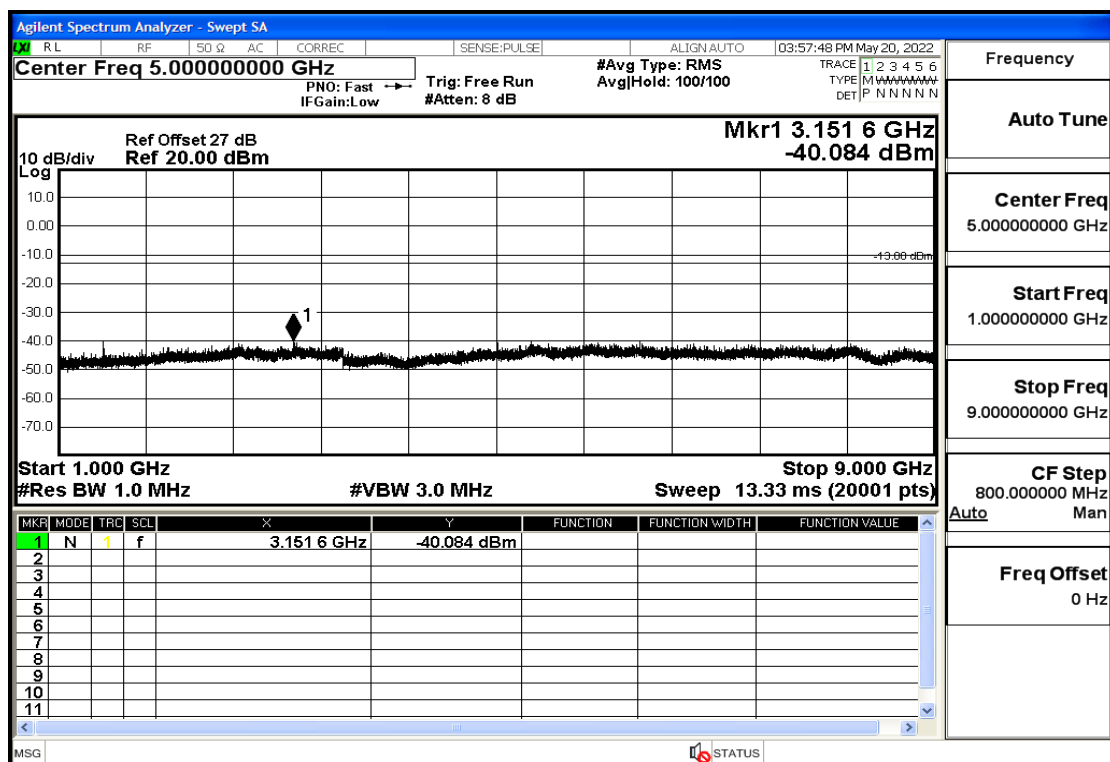
OB12-3-700.5-Q16-15#LOW@1GHz-9GHz@Pass



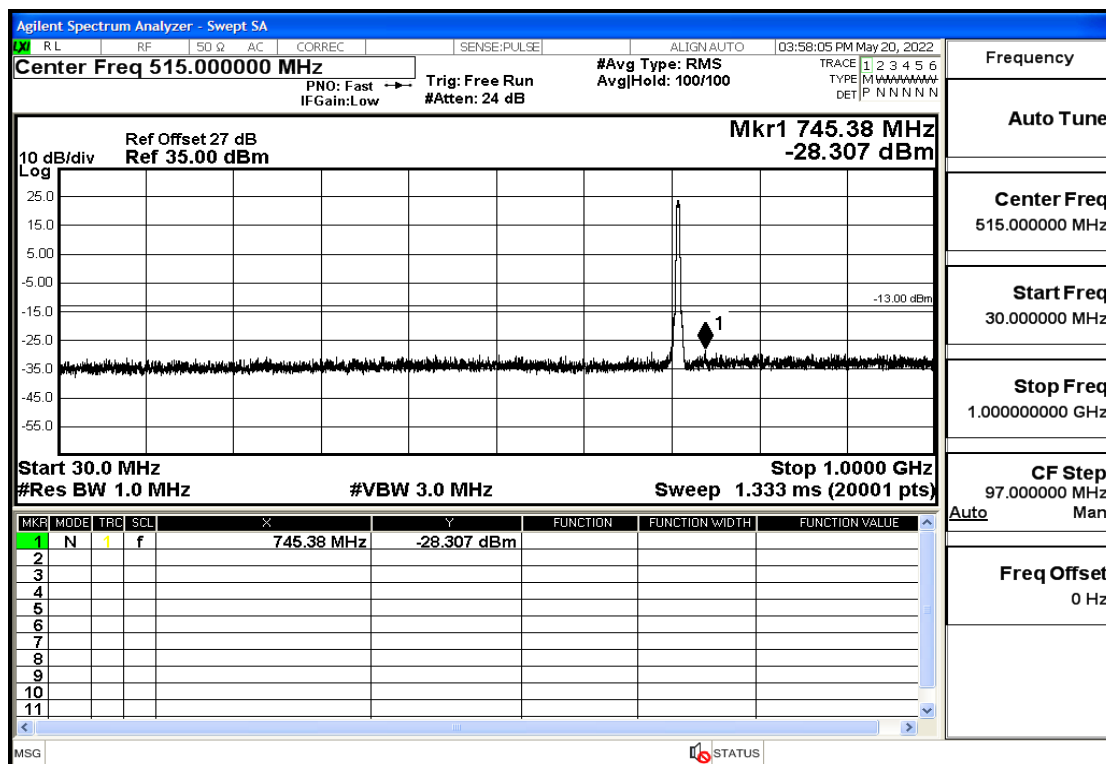
OB12-3-707.5-Q16-15#LOW@30mHz-1GHz@Pass



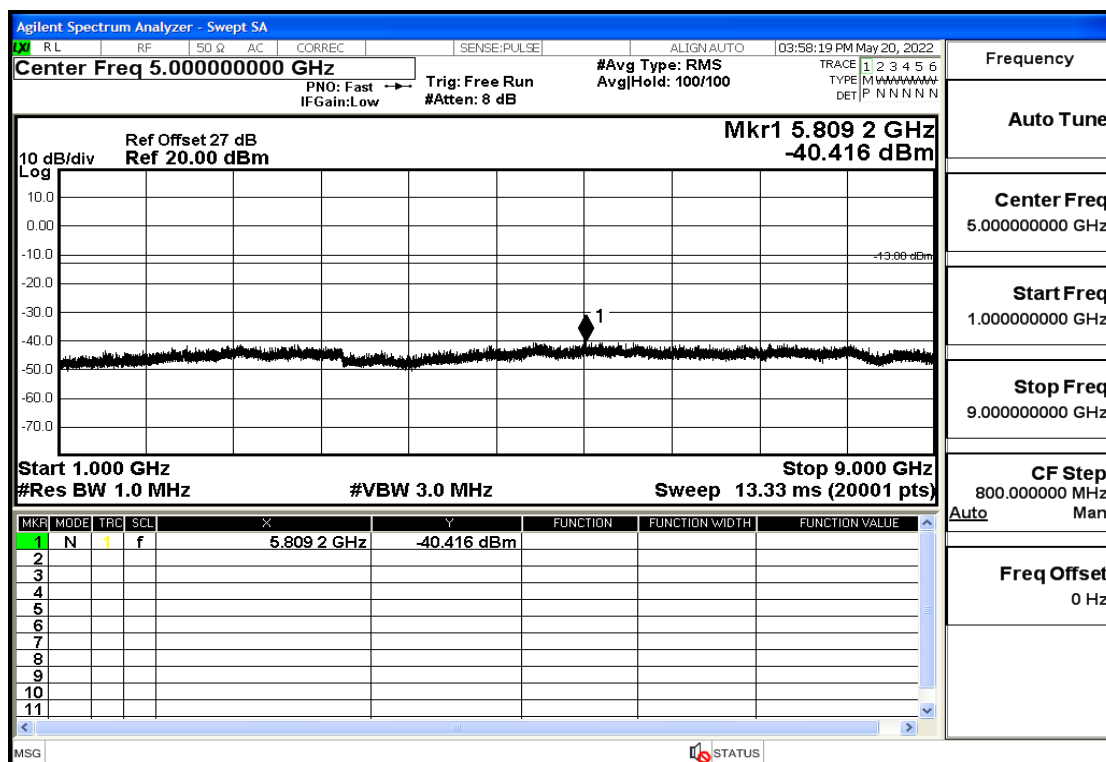
OB12-3-707.5-Q16-15#LOW@1GHz-9GHz@Pass



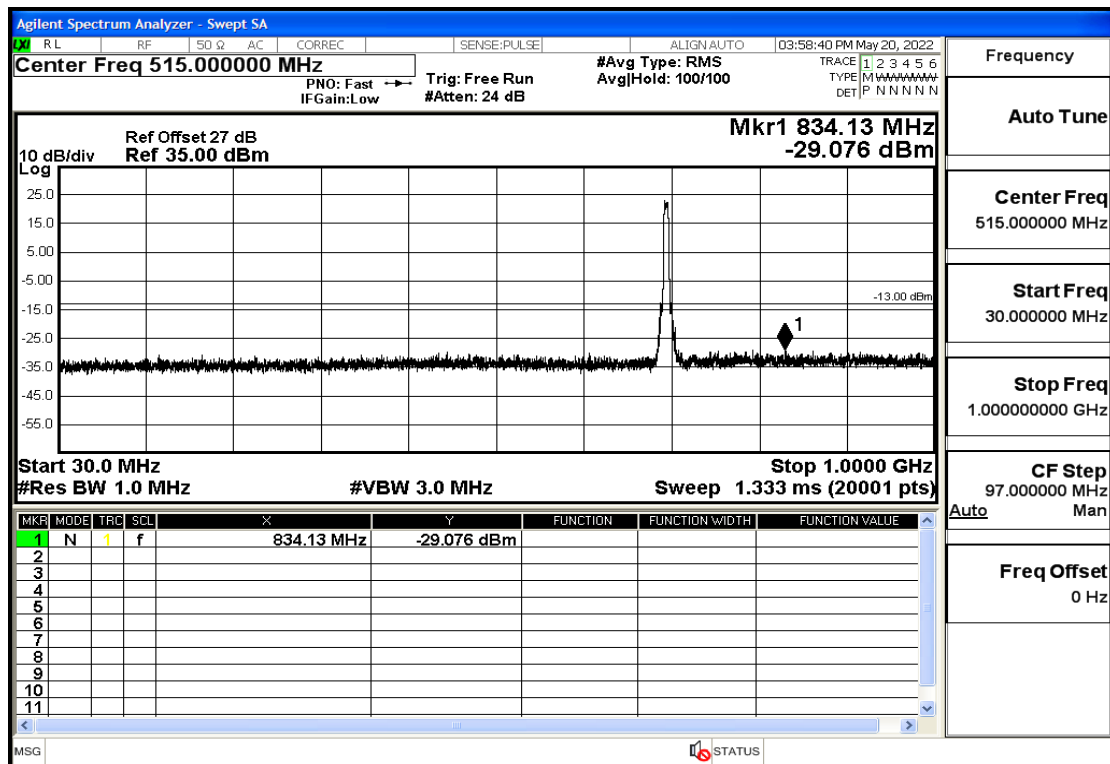
OB12-3-714.5-Q16-15#LOW@30mHz-1GHz@Pass



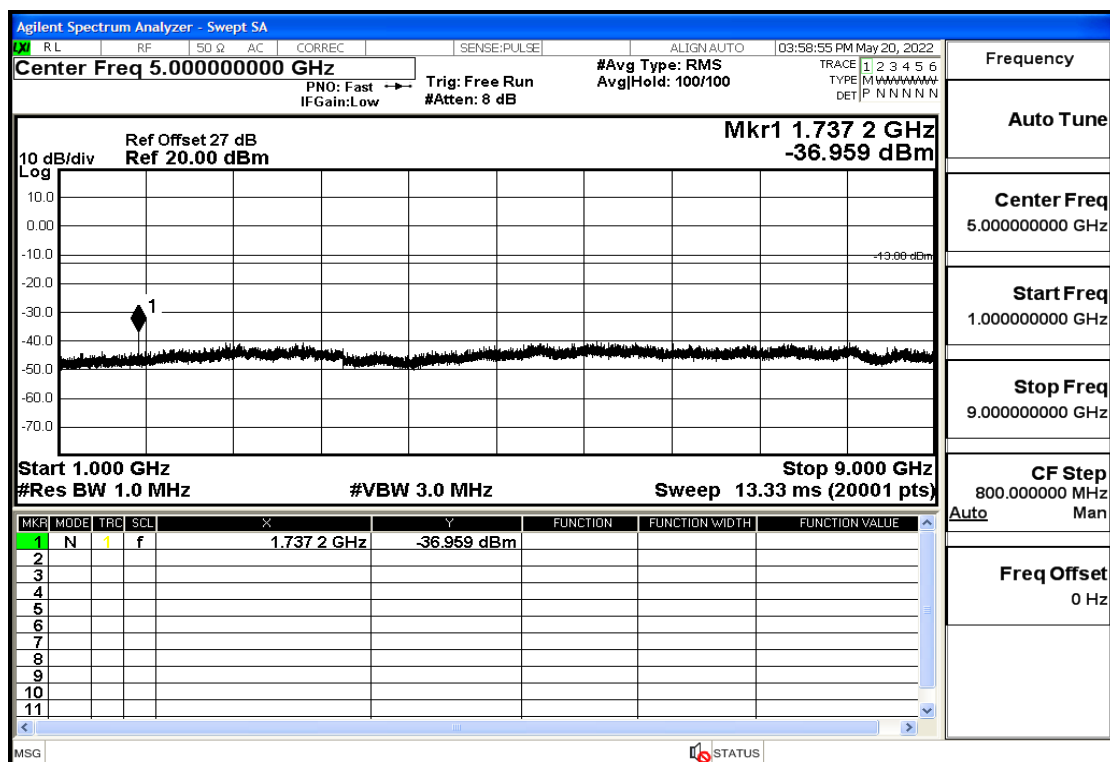
OB12-3-714.5-Q16-15#LOW@1GHz-9GHz@Pass



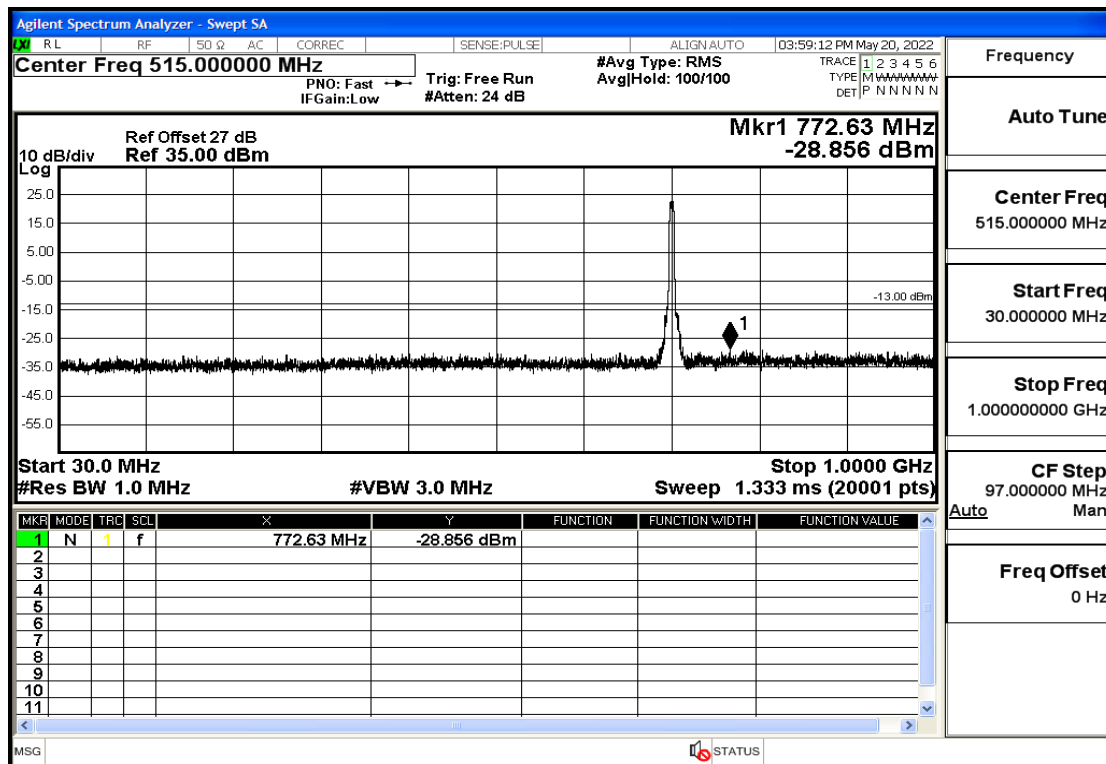
OB12-5-701.5-Q16-25#LOW@30mHz-1GHz@Pass



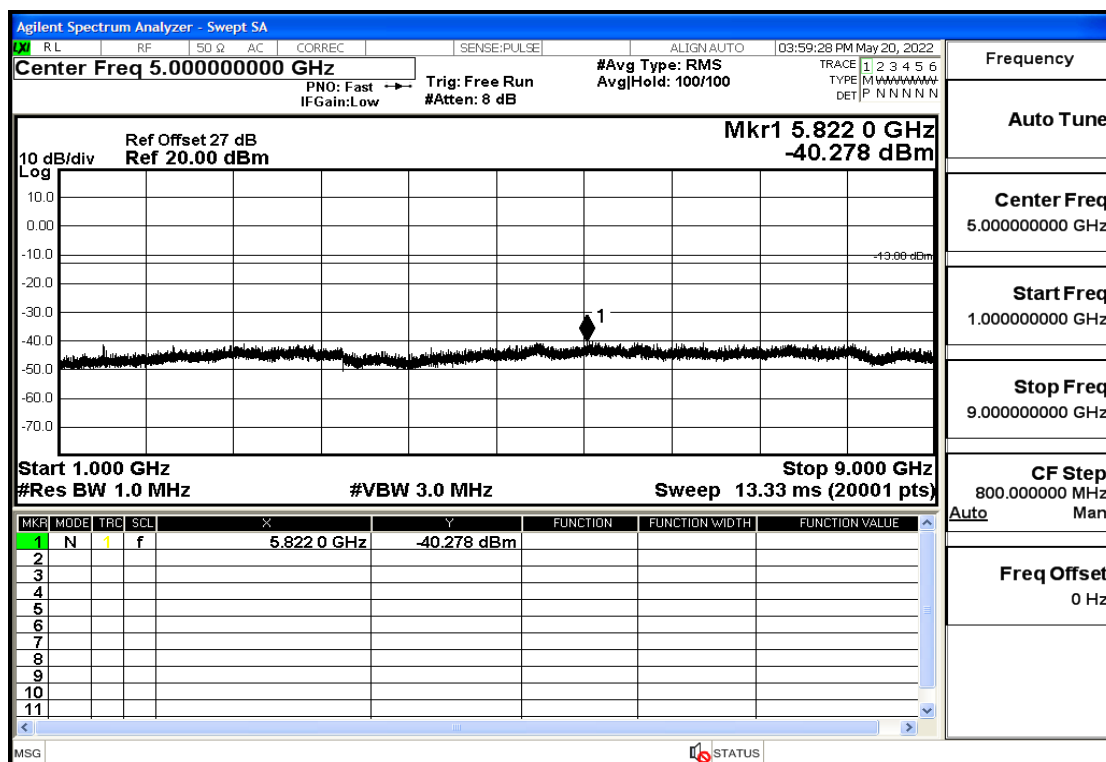
OB12-5-701.5-Q16-25#LOW@1GHz-9GHz@Pass



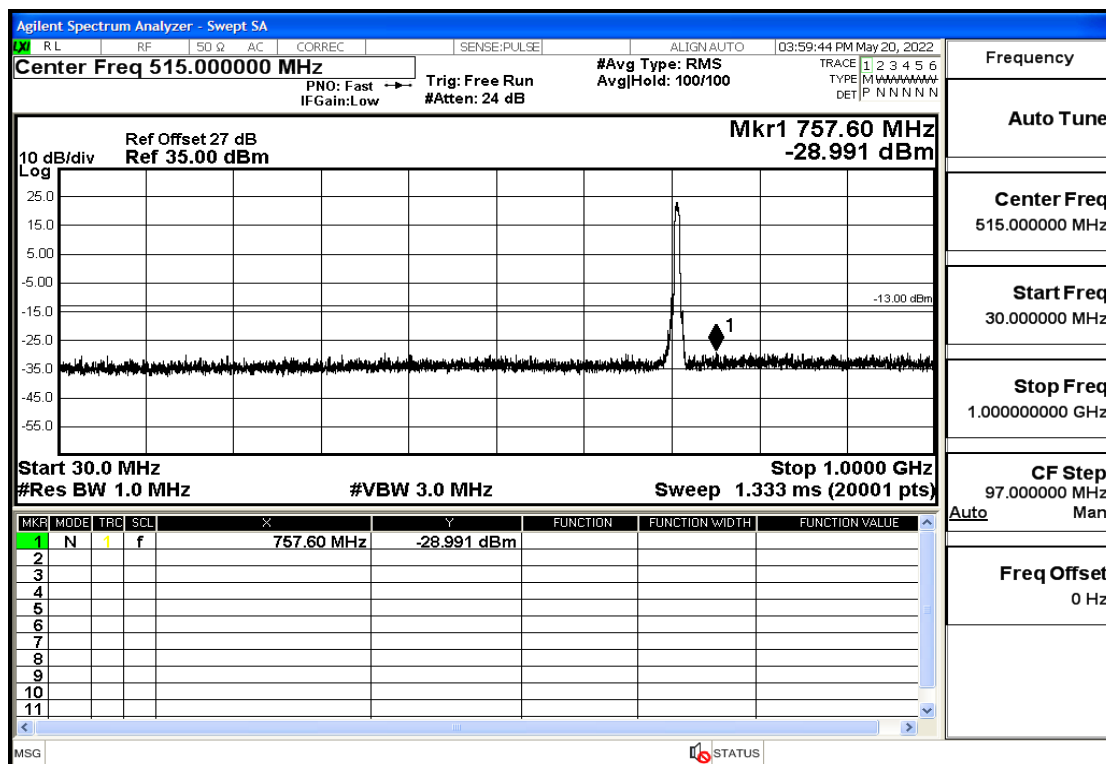
OB12-5-707.5-Q16-25#LOW@30mHz-1GHz@Pass



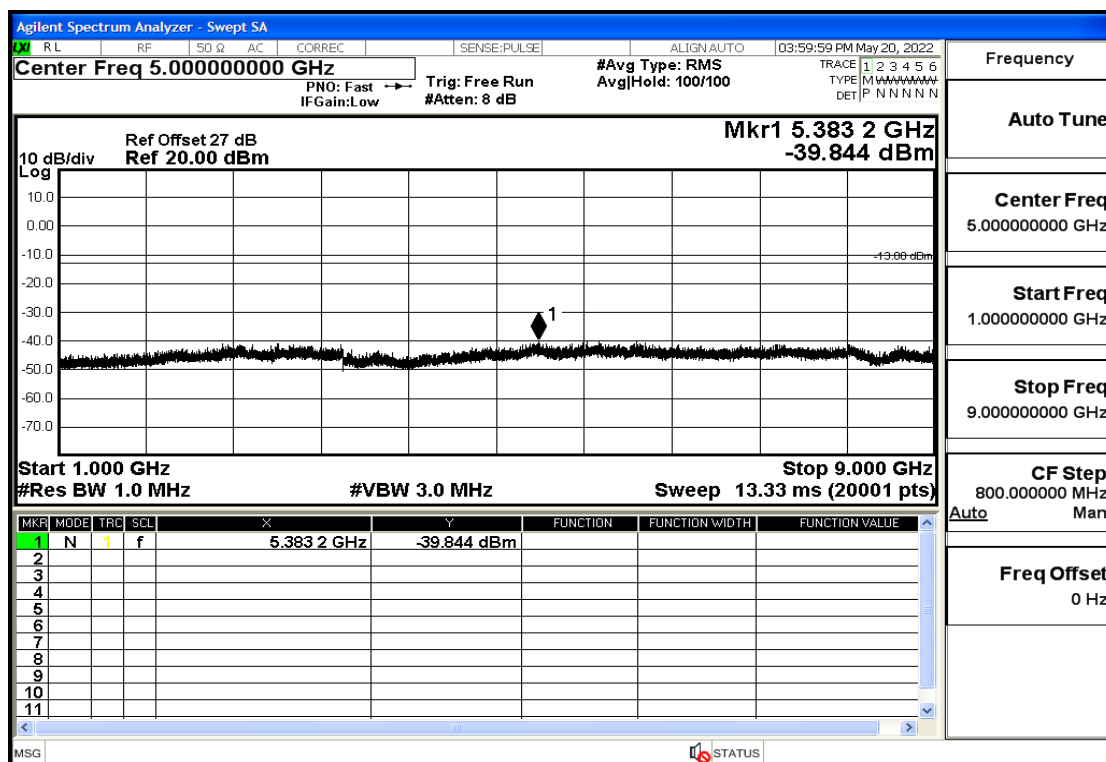
OB12-5-707.5-Q16-25#LOW@1GHz-9GHz@Pass



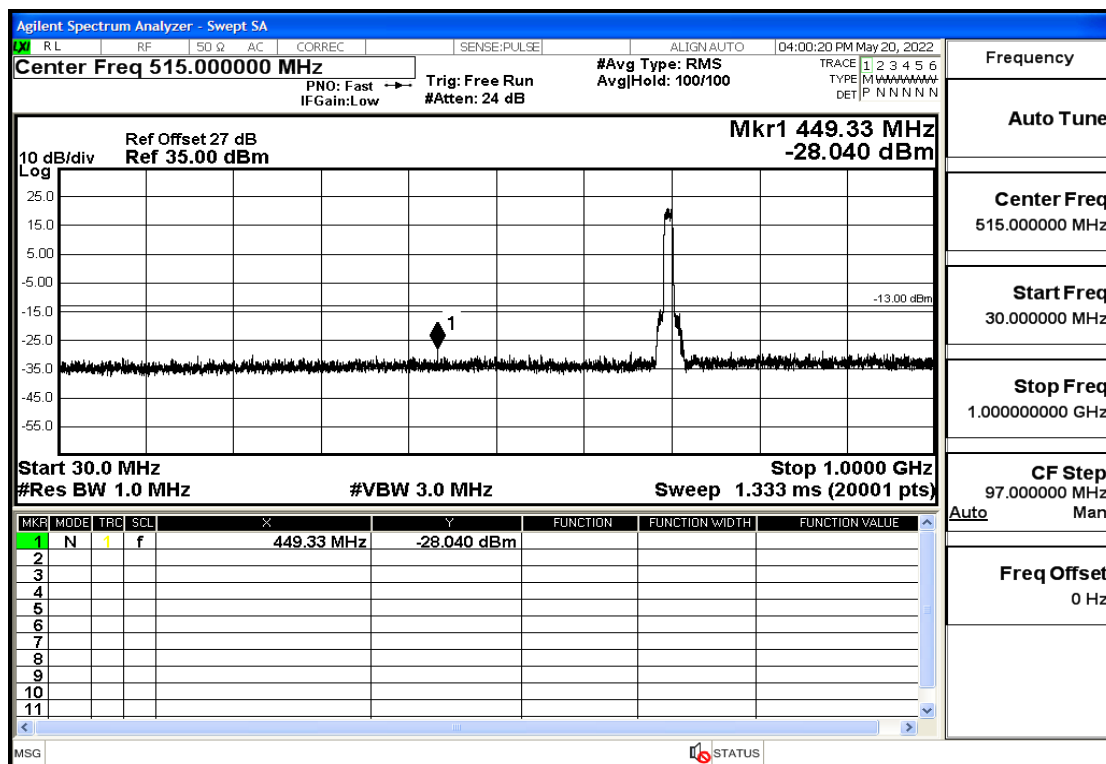
OB12-5-713.5-Q16-25#LOW@30mHz-1GHz@Pass



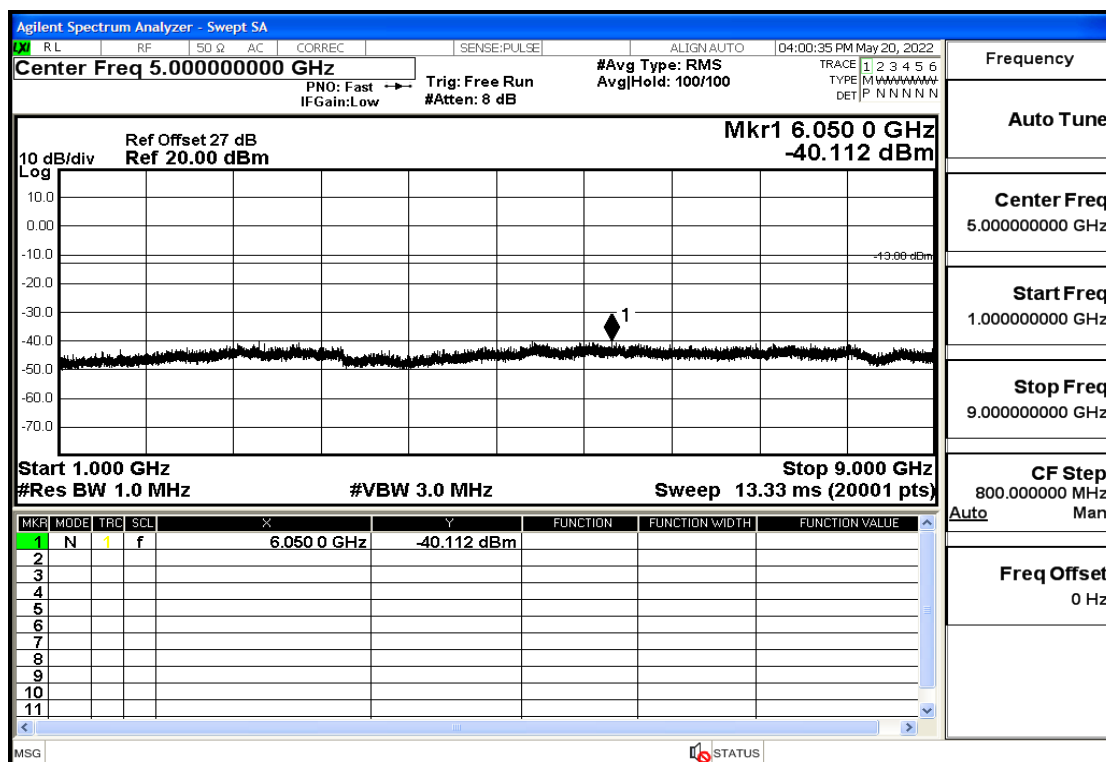
OB12-5-713.5-Q16-25#LOW@1GHz-9GHz@Pass



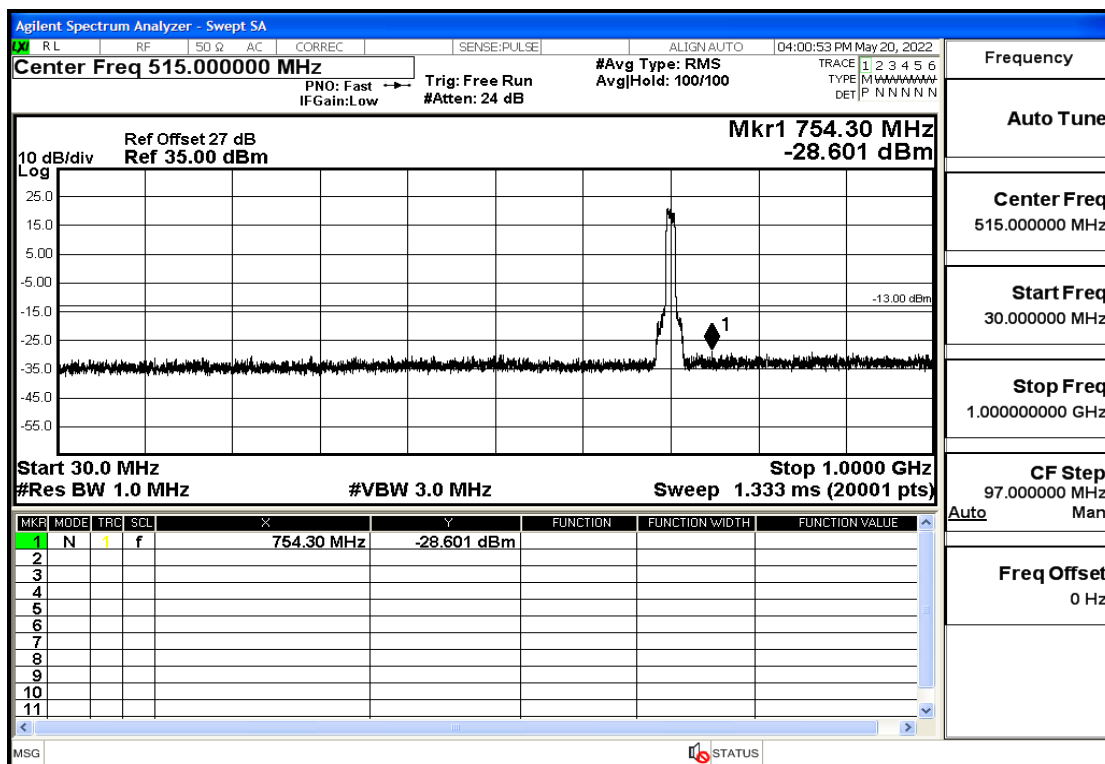
OB12-10-704-Q16-50#LOW@30mHz-1GHz@Pass



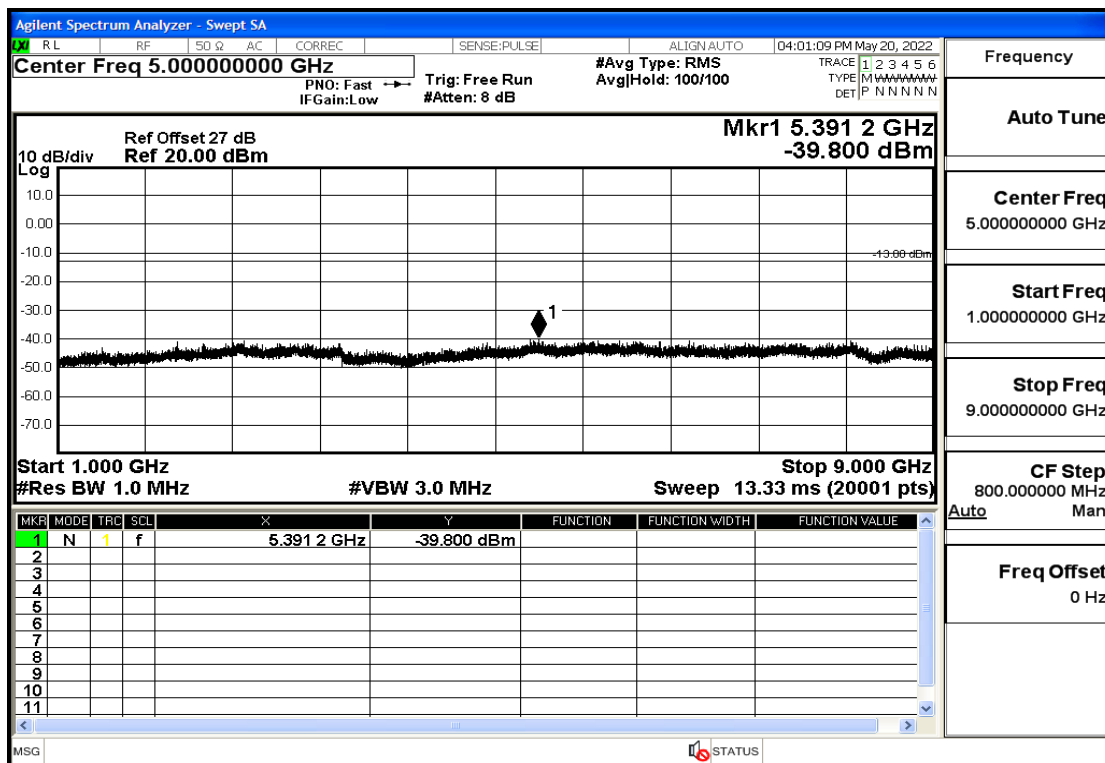
OB12-10-704-Q16-50#LOW@1GHz-9GHz@Pass



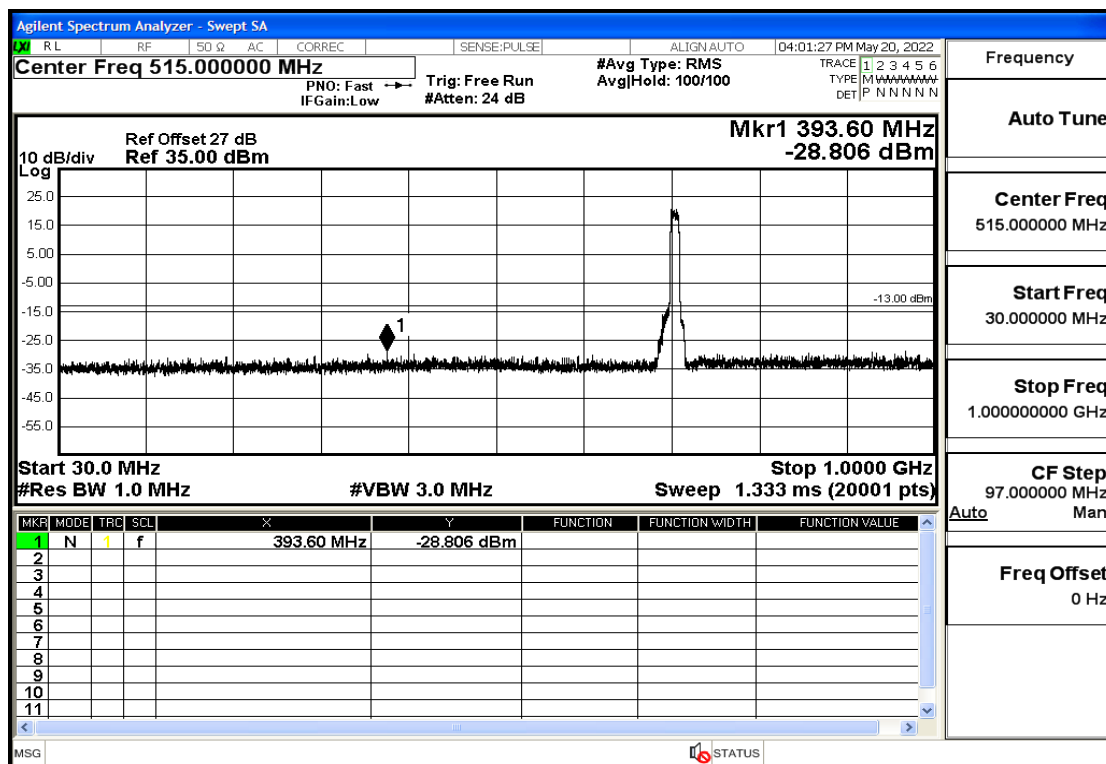
OB12-10-707.5-Q16-50#LOW@30mHz-1GHz@Pass



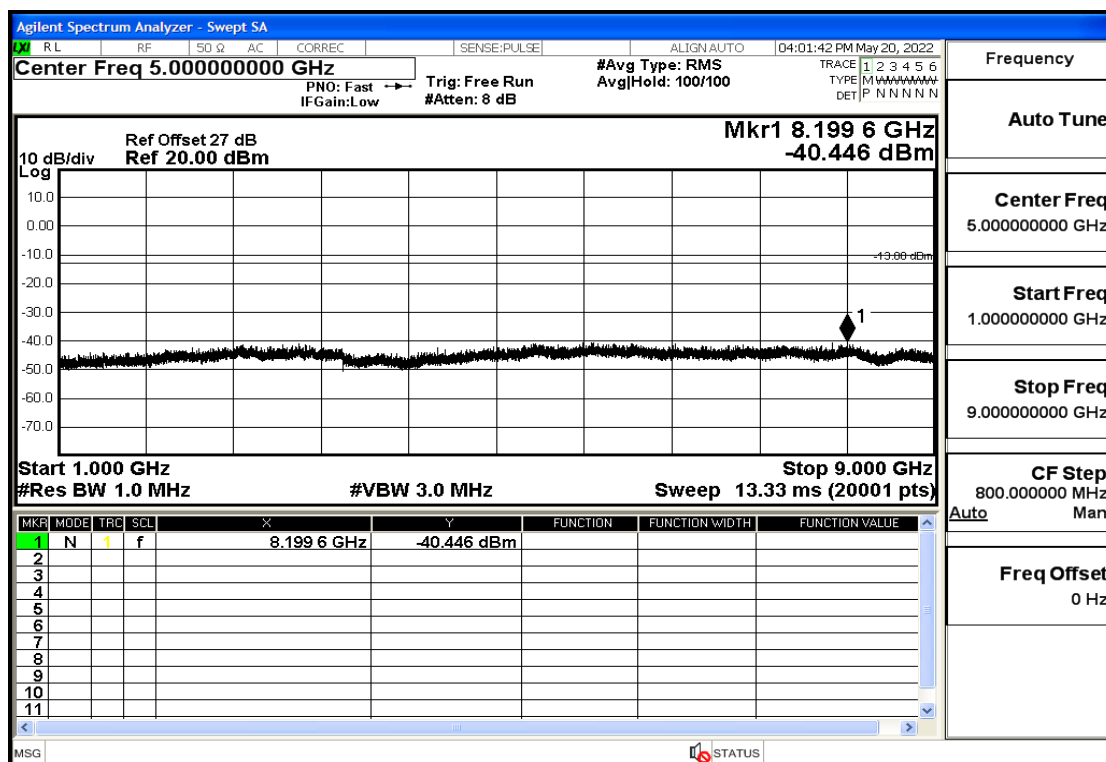
OB12-10-707.5-Q16-50#LOW@1GHz-9GHz@Pass



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



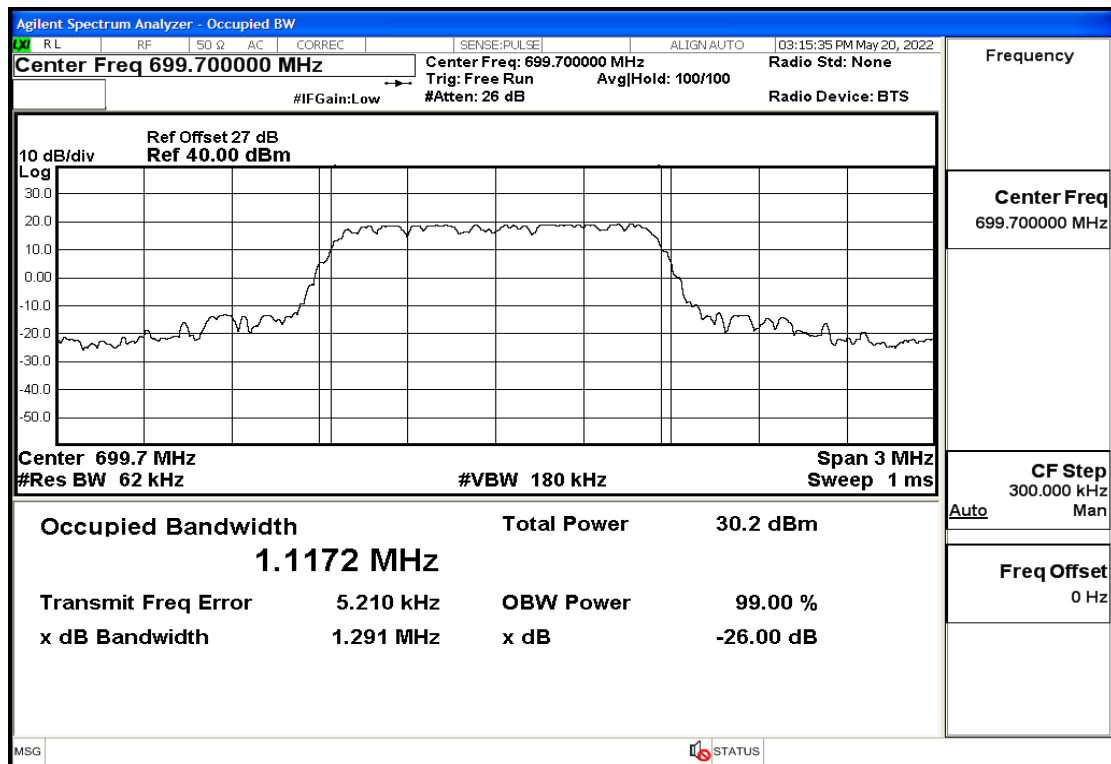
OB12-10-711-Q16-50#LOW@1GHz-9GHz@Pass



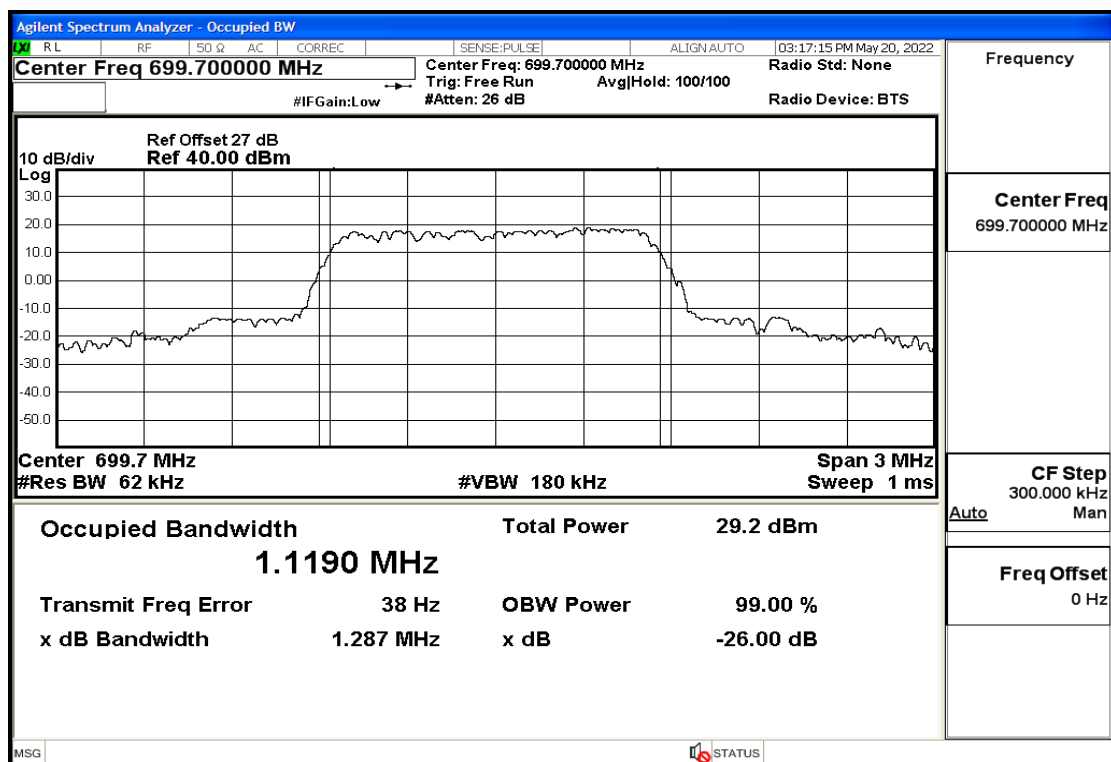
Emission bandwidth and OBW

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	1117.2	1291	No limit
Band12	1.4	699.7	16QAM	6	LOW	1119	1287	No limit
Band12	1.4	707.5	QPSK	6	LOW	1111.6	1312	No limit
Band12	1.4	707.5	16QAM	6	LOW	1112.2	1297	No limit
Band12	1.4	715.3	QPSK	6	LOW	1127.9	1317	No limit
Band12	1.4	715.3	16QAM	6	LOW	1112.9	1305	No limit
Band12	3	700.5	QPSK	15	LOW	2745.7	3044	No limit
Band12	3	700.5	16QAM	15	LOW	2729.5	3018	No limit
Band12	3	707.5	QPSK	15	LOW	2754.2	3027	No limit
Band12	3	707.5	16QAM	15	LOW	2756.1	3057	No limit
Band12	3	714.5	QPSK	15	LOW	2760.5	3037	No limit
Band12	3	714.5	16QAM	15	LOW	2750.7	3051	No limit
Band12	5	701.5	QPSK	25	LOW	4616.7	5120	No limit
Band12	5	701.5	16QAM	25	LOW	4583.8	5179	No limit
Band12	5	707.5	QPSK	25	LOW	4605.6	5114	No limit
Band12	5	707.5	16QAM	25	LOW	4606	5181	No limit
Band12	5	713.5	QPSK	25	LOW	4596.9	5083	No limit
Band12	5	713.5	16QAM	25	LOW	4595.4	5157	No limit
Band12	10	704	QPSK	50	LOW	9135.7	10110	No limit
Band12	10	704	16QAM	50	LOW	9087.1	10080	No limit
Band12	10	707.5	QPSK	50	LOW	9114.4	10140	No limit
Band12	10	707.5	16QAM	50	LOW	9132.2	10200	No limit
Band12	10	711	QPSK	50	LOW	9138.7	10170	No limit
Band12	10	711	16QAM	50	LOW	9137.9	10130	No limit

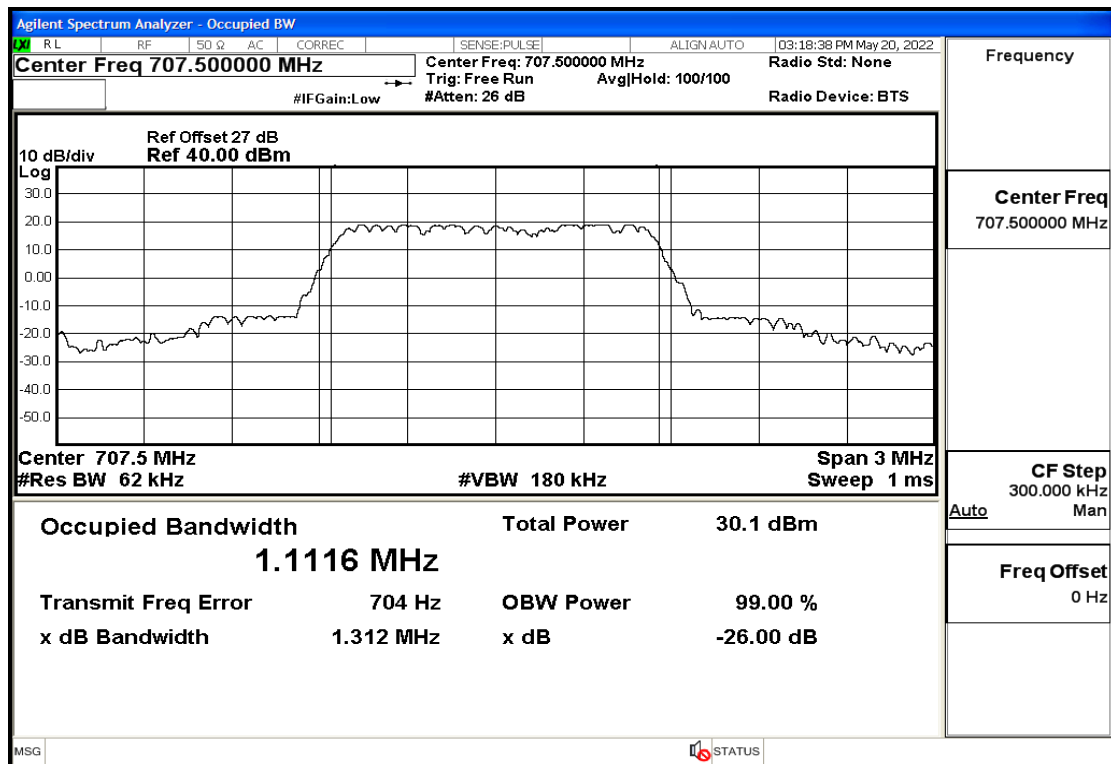
Band12-1.4-699.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



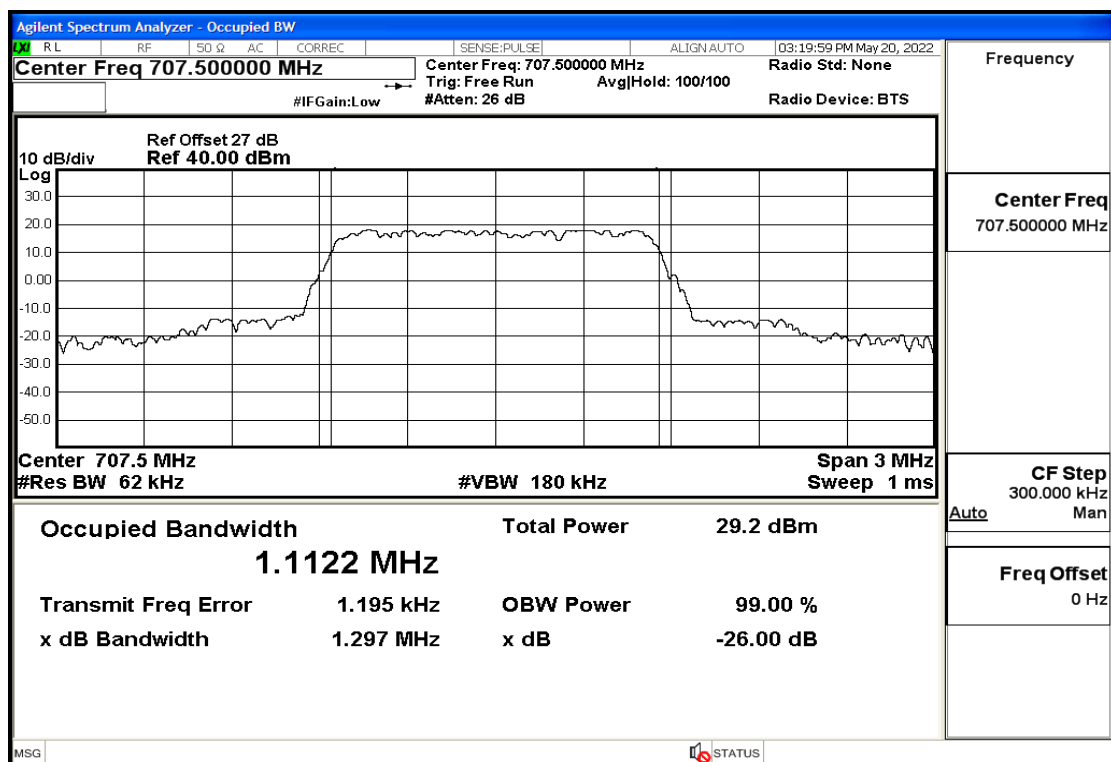
Band12-1.4-699.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



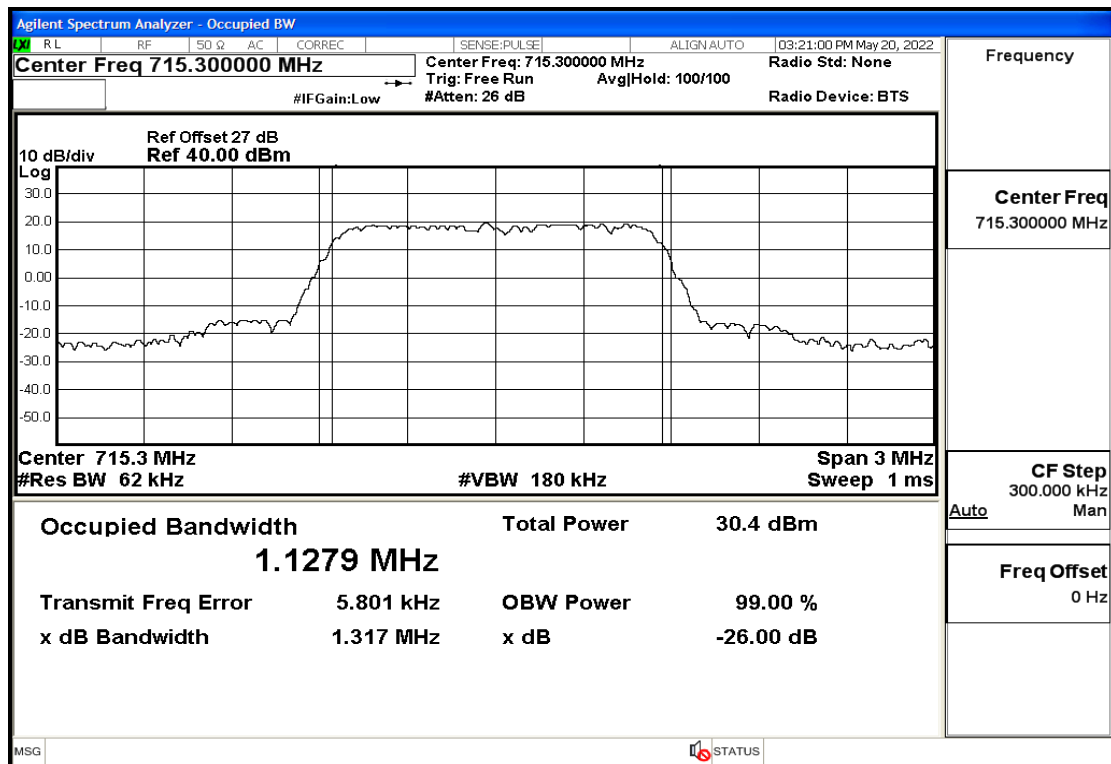
Band12-1.4-707.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



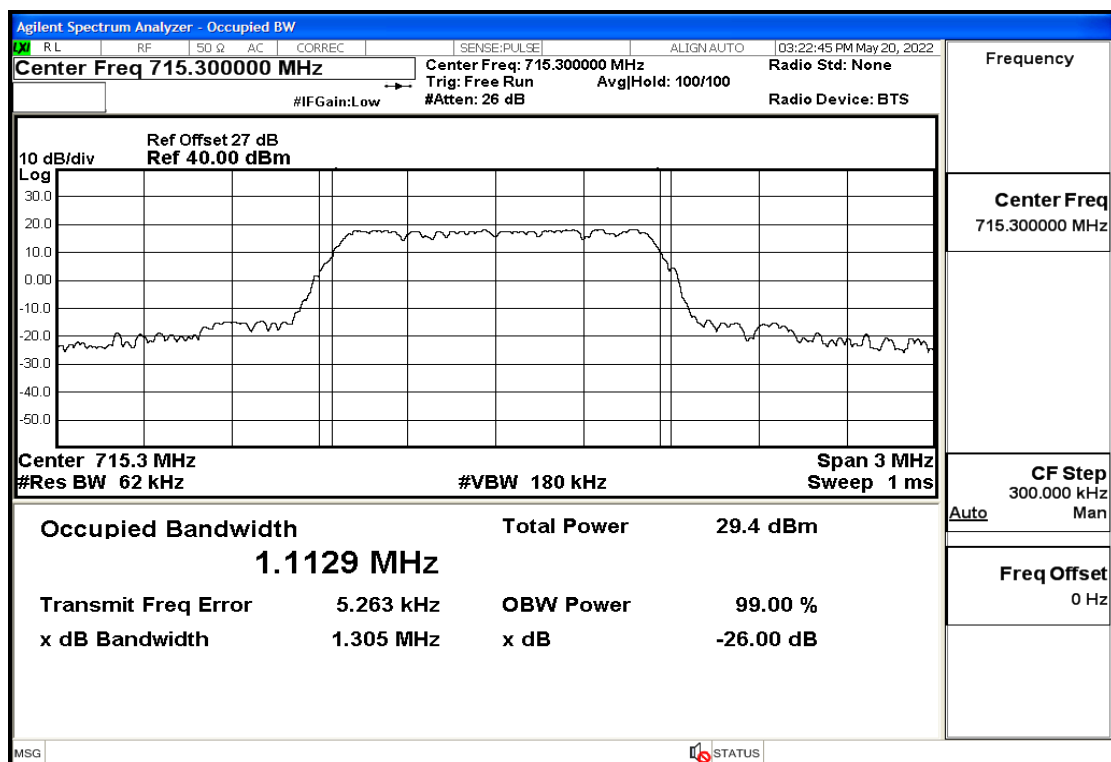
Band12-1.4-707.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



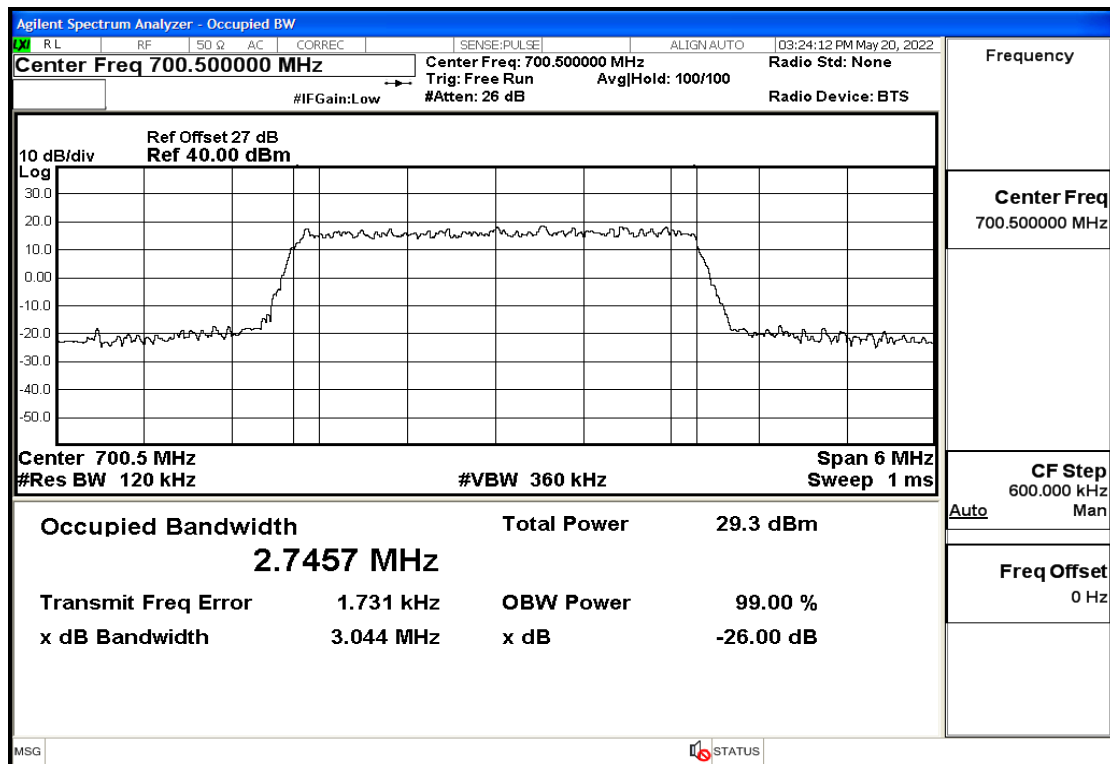
Band12-1.4-715.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



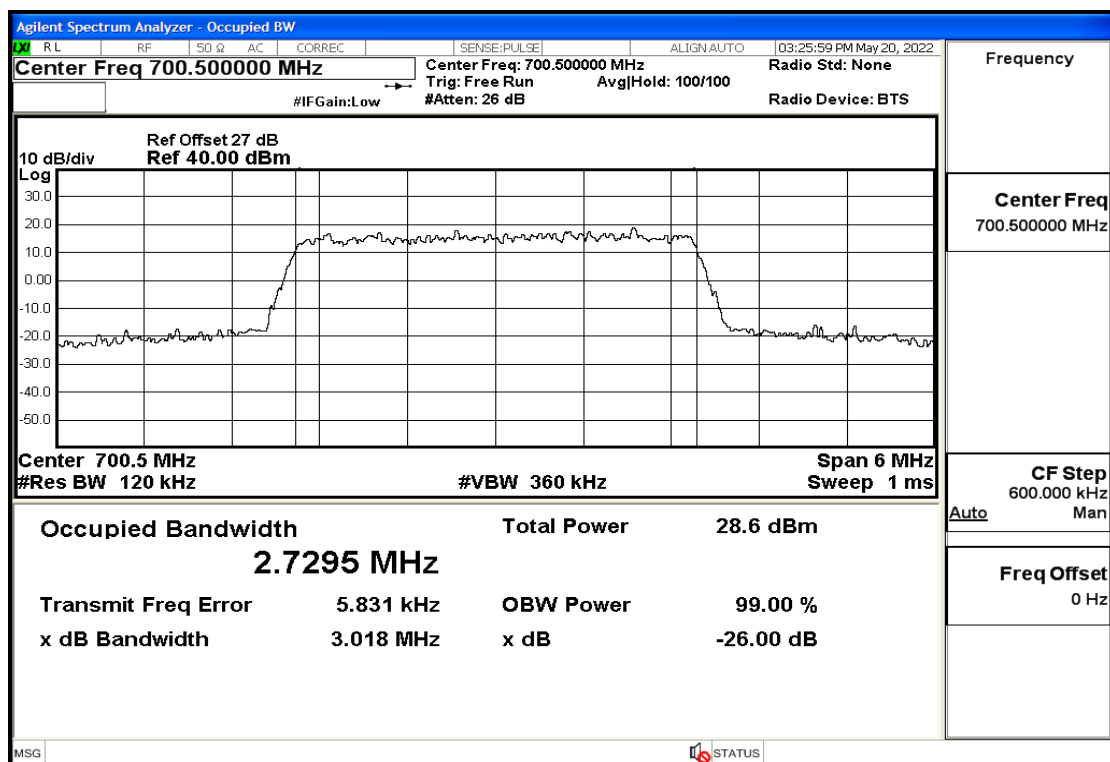
Band12-1.4-715.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



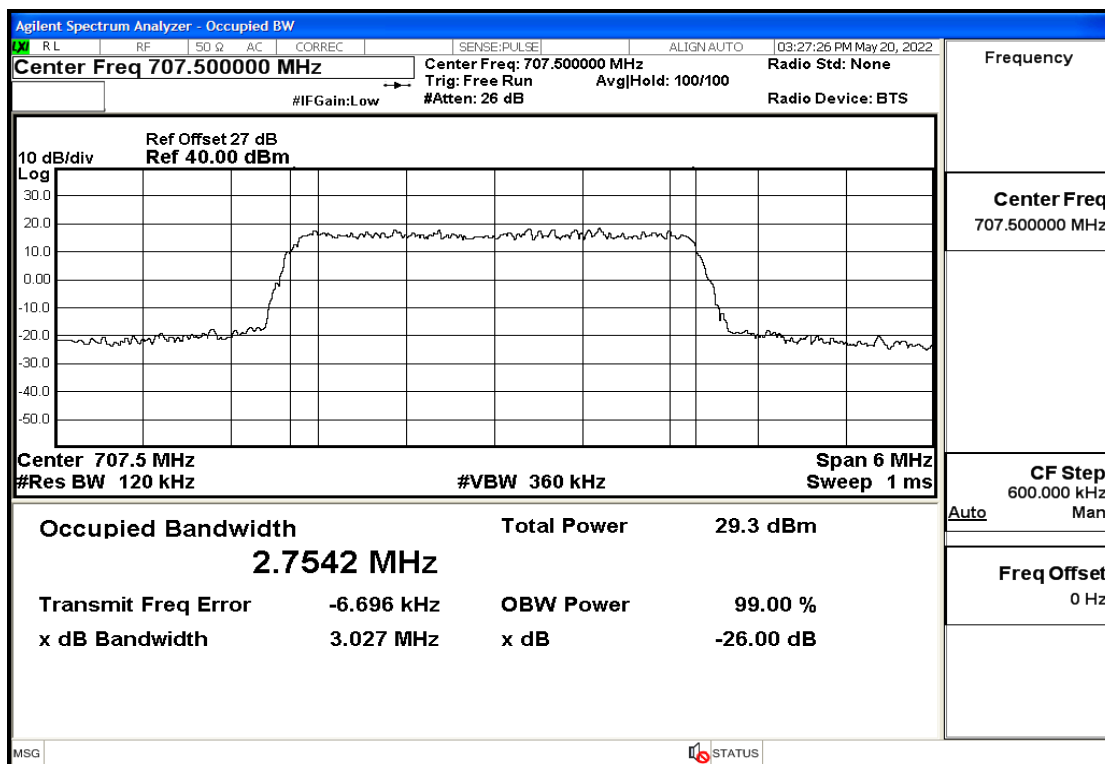
Band12-3-700.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



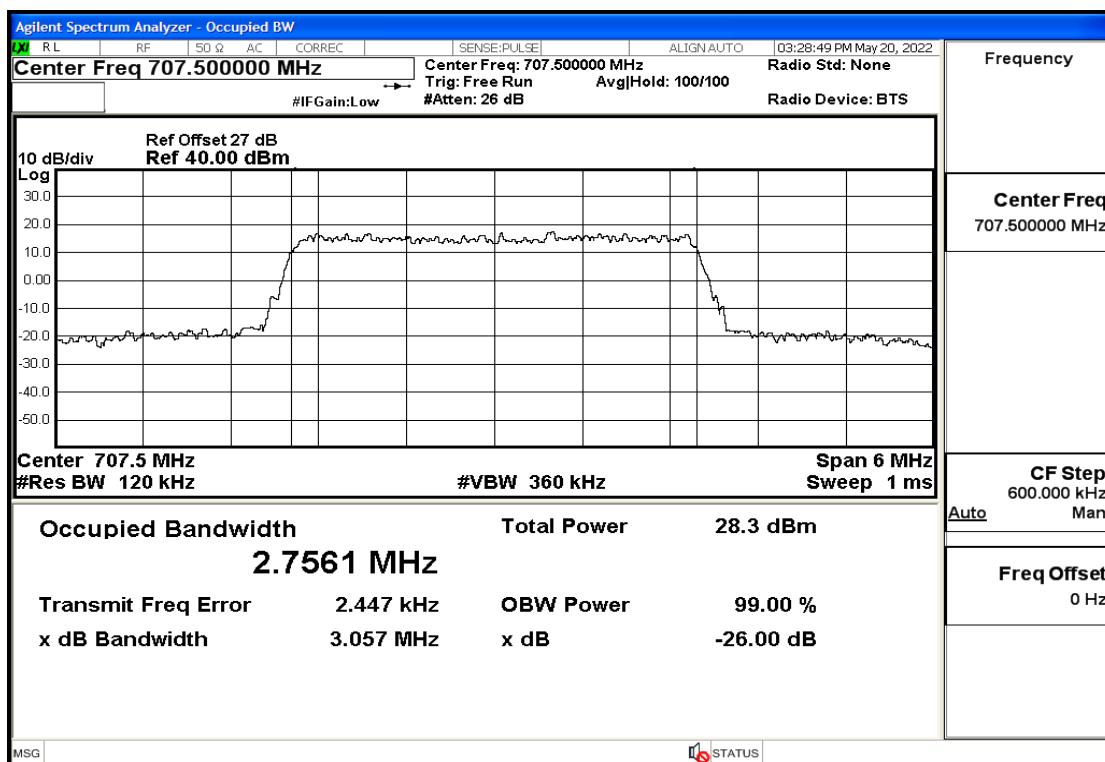
Band12-3-700.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



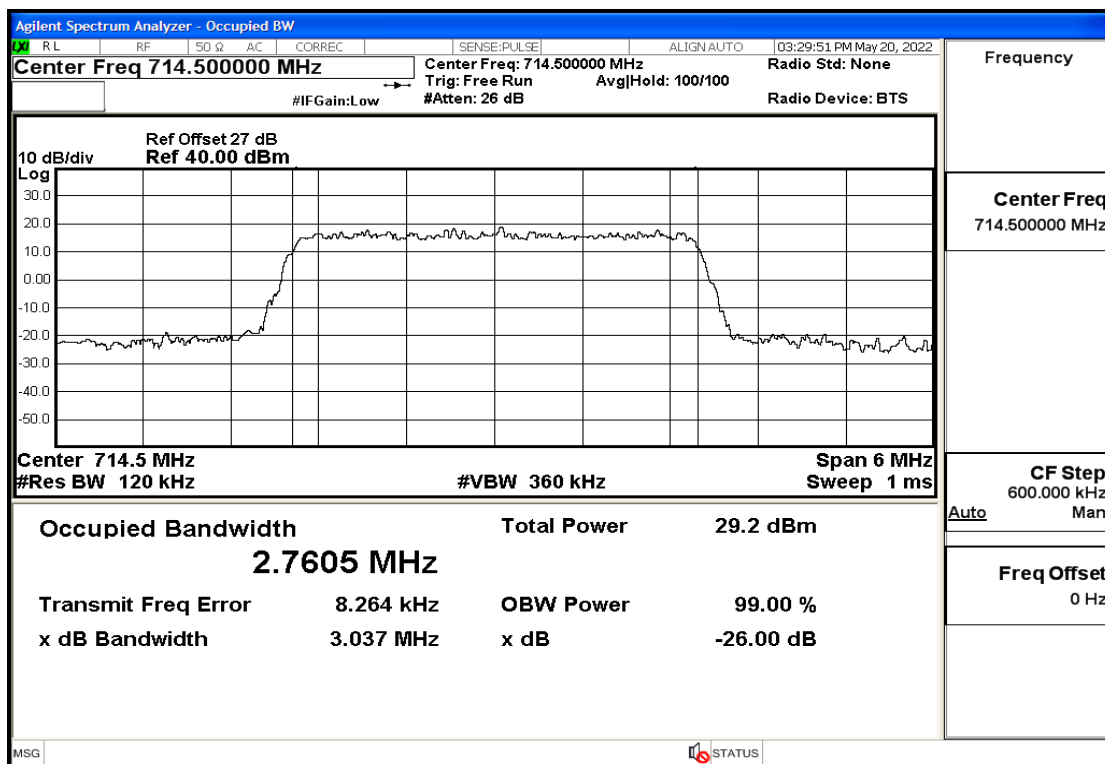
Band12-3-707.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



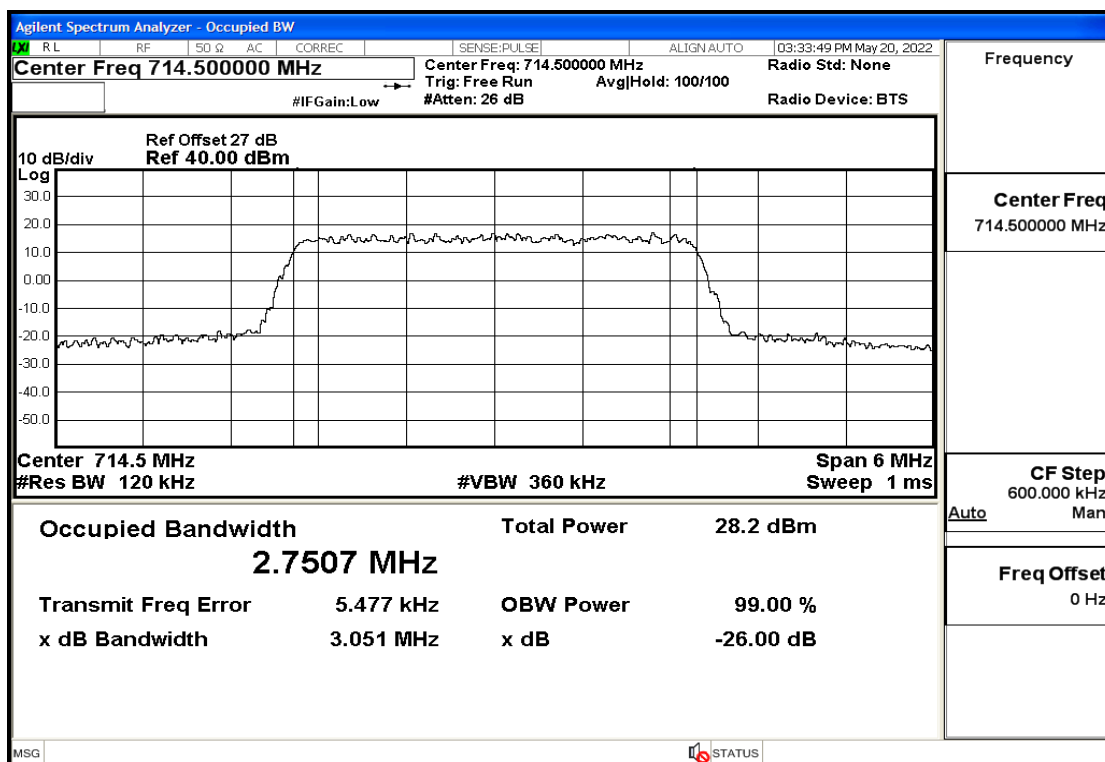
Band12-3-707.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



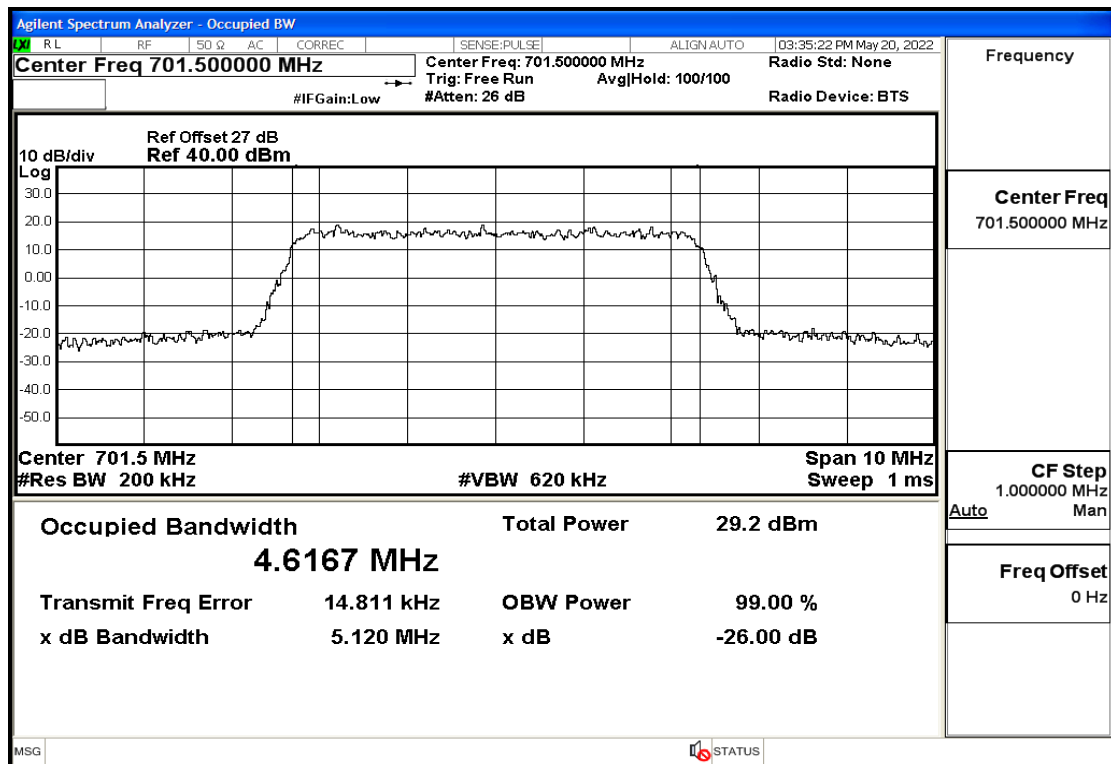
Band12-3-714.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



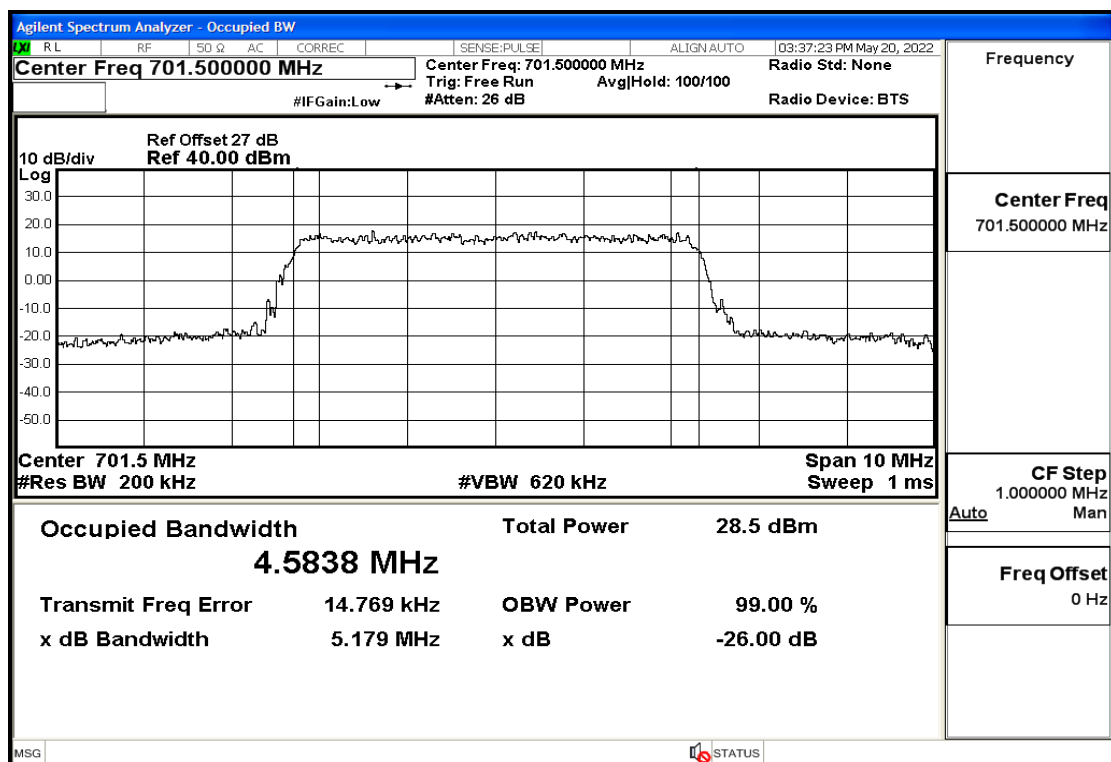
Band12-3-714.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



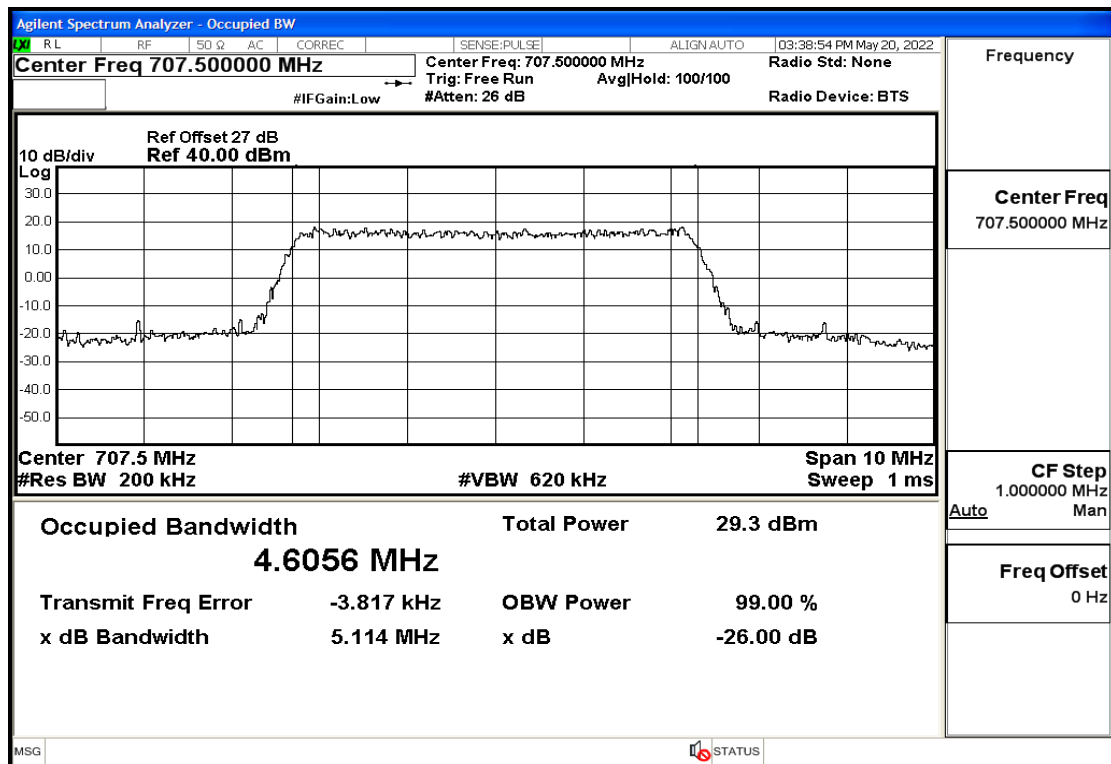
Band12-5-701.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



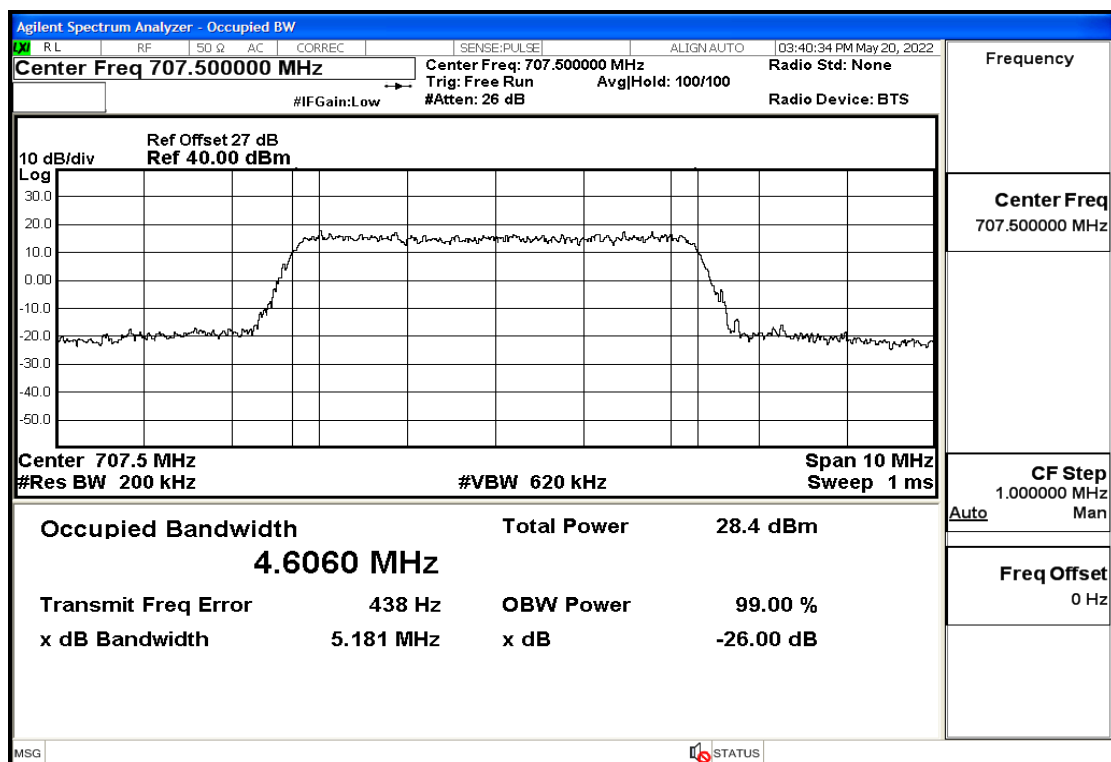
Band12-5-701.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



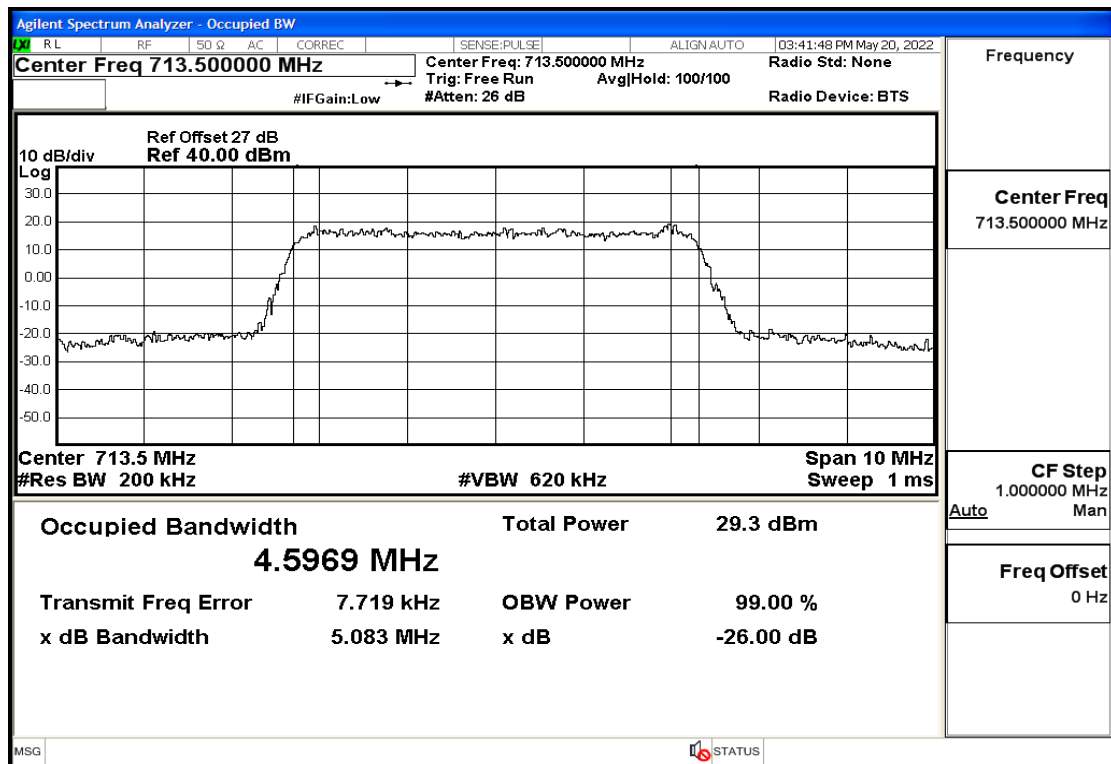
Band12-5-707.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



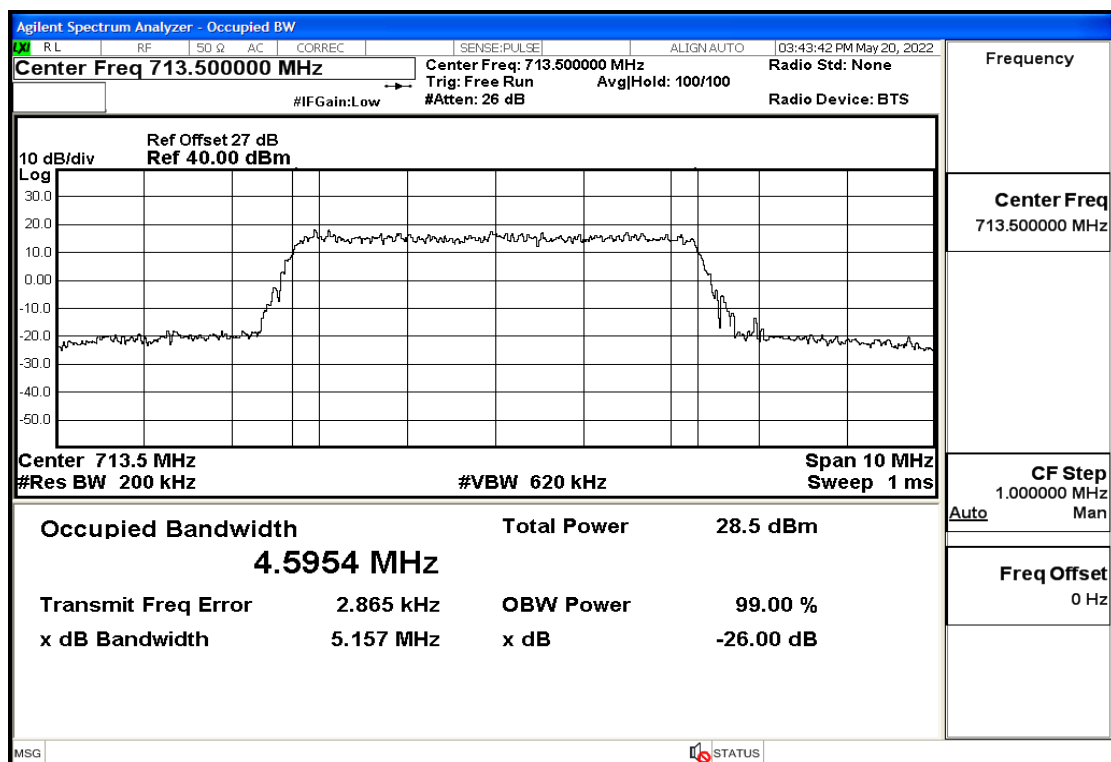
Band12-5-707.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



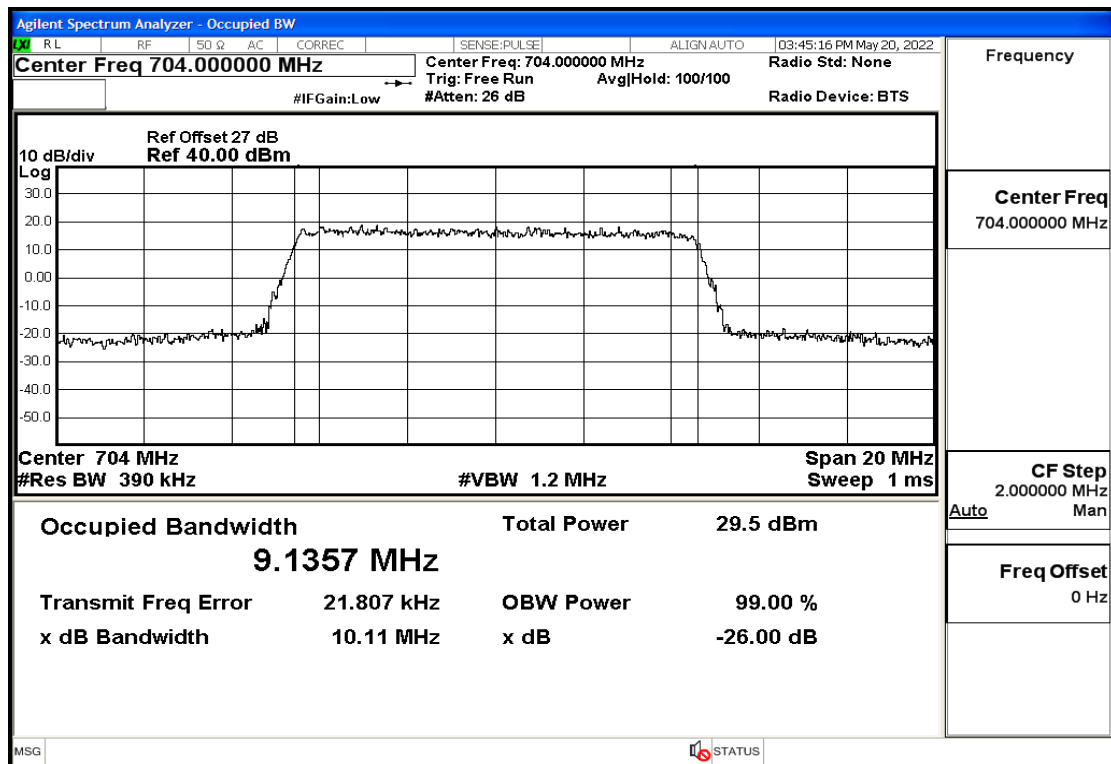
Band12-5-713.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



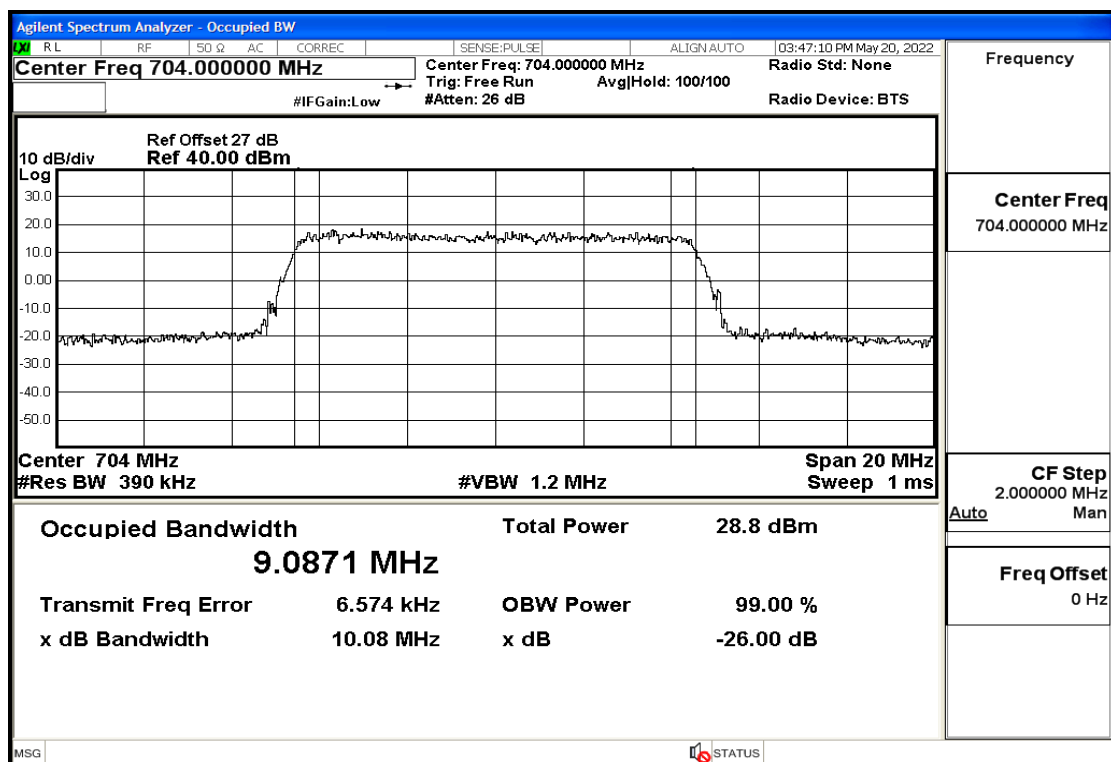
Band12-5-713.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



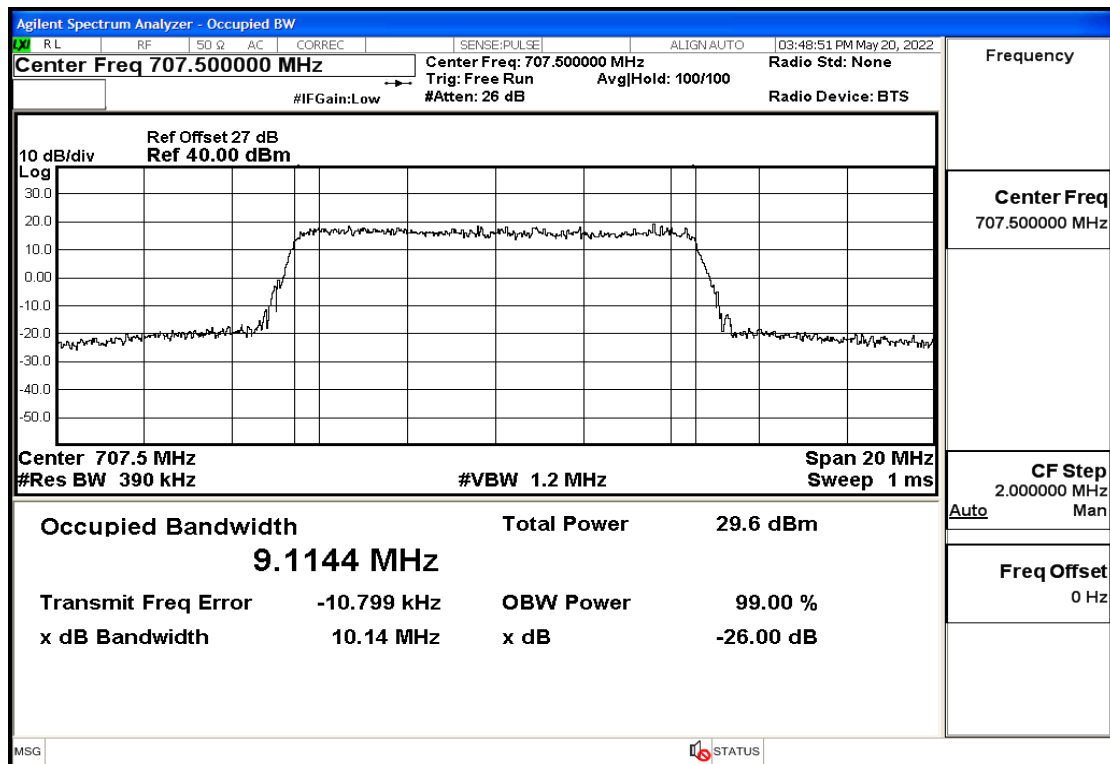
Band12-10-704-QPSK-50#LOW@26dB and 99PCT Bandwidth



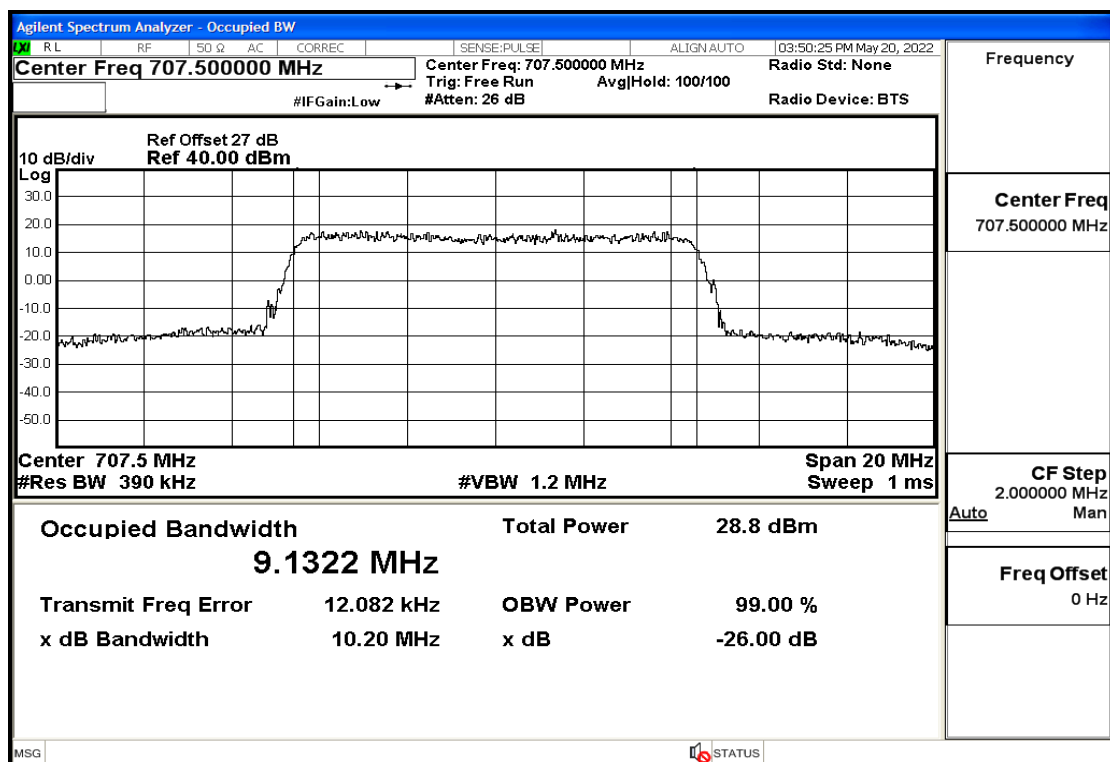
Band12-10-704-16QAM-50#LOW@26dB and 99PCT Bandwidth



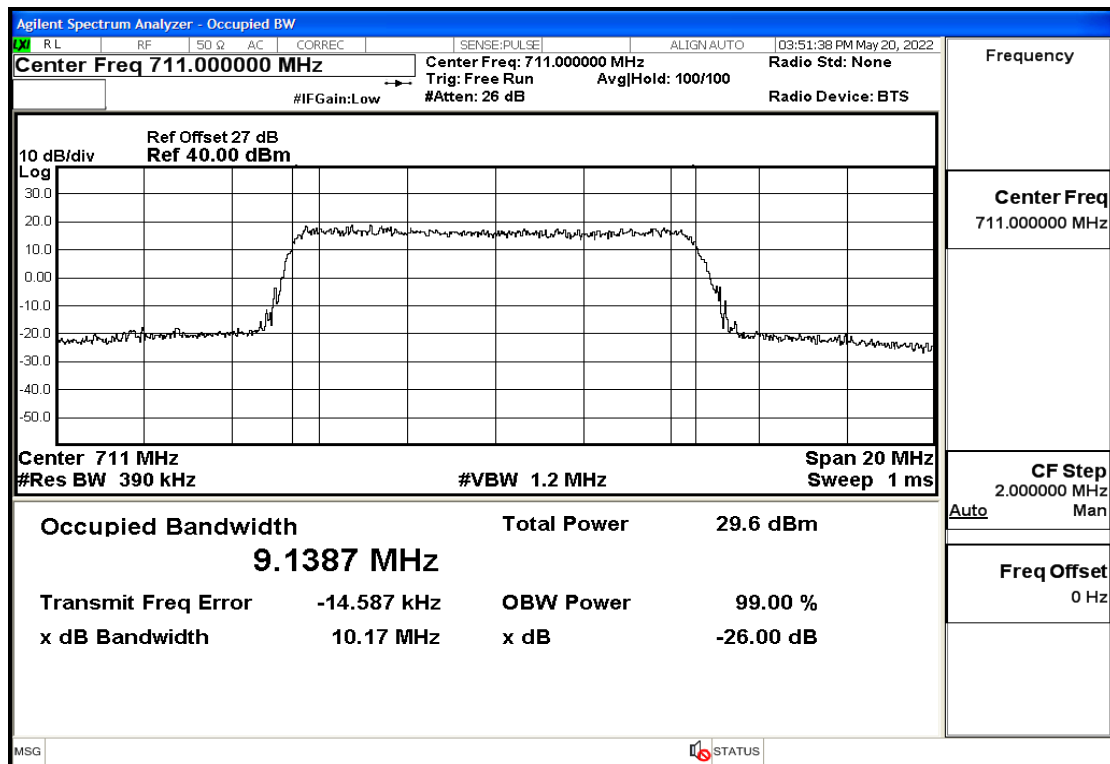
Band12-10-707.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



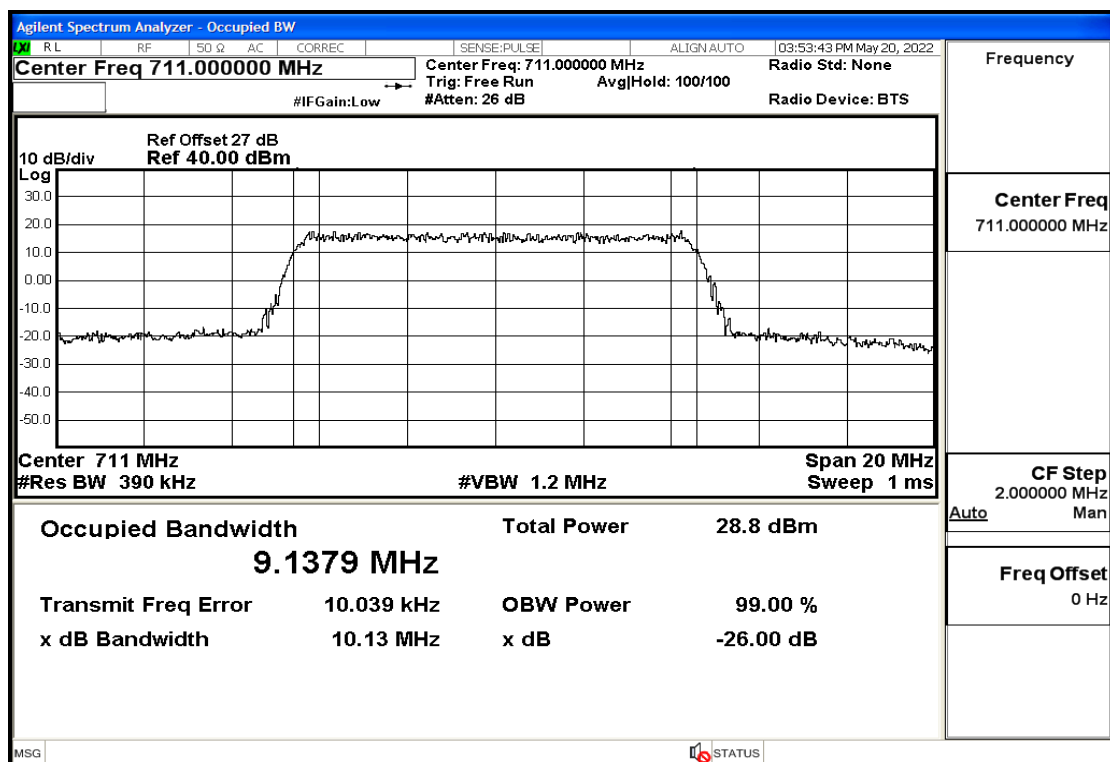
Band12-10-707.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



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	0.0630	PASS
40	Normal Voltage	0.0342	
30	Normal Voltage	0.0179	
20(Ref.)	Normal Voltage	0.0247	
10	Normal Voltage	0.0620	
0	Normal Voltage	0.0162	
-10	Normal Voltage	0.0465	
-20	Normal Voltage	0.0363	
-30	Normal Voltage	0.0163	
20	Maximum Voltage	0.0186	
20	Normal Voltage	0.0269	
20	Battery End Point	0.0596	

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	21.8	28.25	6.45	13	0.02	19.67	34.8	Pass
Band12	1.4	699.7	QPSK	3	LOW	22.99	27.9	4.91	13	0.02	20.86	34.8	Pass
Band12	1.4	699.7	QPSK	3	MID	24.22	28.2	3.98	13	0.02	22.09	34.8	Pass
Band12	1.4	699.7	QPSK	3	HIGH	23.4	27.93	4.53	13	0.02	21.27	34.8	Pass
Band12	1.4	699.7	QPSK	1	LOW	22.82	27.6	4.78	13	0.02	20.69	34.8	Pass
Band12	1.4	699.7	QPSK	1	MID	22.91	27.63	4.72	13	0.02	20.78	34.8	Pass
Band12	1.4	699.7	QPSK	1	HIGH	22.83	27.51	4.68	13	0.02	20.7	34.8	Pass
Band12	1.4	699.7	16QAM	6	LOW	20.83	28.11	7.28	13	0.02	18.7	34.8	Pass
Band12	1.4	699.7	16QAM	3	LOW	22.56	27.87	5.31	13	0.02	20.43	34.8	Pass
Band12	1.4	699.7	16QAM	3	MID	22.55	27.89	5.34	13	0.02	20.42	34.8	Pass
Band12	1.4	699.7	16QAM	3	HIGH	22.36	27.83	5.47	13	0.02	20.23	34.8	Pass
Band12	1.4	699.7	16QAM	1	LOW	22.27	27.42	5.15	13	0.02	20.14	34.8	Pass
Band12	1.4	699.7	16QAM	1	MID	22.09	27.34	5.25	13	0.02	19.96	34.8	Pass
Band12	1.4	699.7	16QAM	1	HIGH	22.05	27.28	5.23	13	0.02	19.92	34.8	Pass
Band12	1.4	707.5	QPSK	6	LOW	21.79	27.76	5.97	13	0.02	19.66	34.8	Pass
Band12	1.4	707.5	QPSK	3	LOW	23.07	28.18	5.11	13	0.02	20.94	34.8	Pass
Band12	1.4	707.5	QPSK	3	MID	23.09	28.22	5.13	13	0.02	20.96	34.8	Pass
Band12	1.4	707.5	QPSK	3	HIGH	23.04	28.11	5.07	13	0.02	20.91	34.8	Pass
Band12	1.4	707.5	QPSK	1	LOW	22.98	27.84	4.86	13	0.02	20.85	34.8	Pass
Band12	1.4	707.5	QPSK	1	MID	22.78	27.71	4.93	13	0.02	20.65	34.8	Pass
Band12	1.4	707.5	QPSK	1	HIGH	22.99	27.88	4.89	13	0.02	20.86	34.8	Pass
Band12	1.4	707.5	16QAM	6	LOW	20.95	27.96	7.01	13	0.02	18.82	34.8	Pass
Band12	1.4	707.5	16QAM	3	LOW	21.95	28.23	6.28	13	0.02	19.82	34.8	Pass
Band12	1.4	707.5	16QAM	3	MID	21.95	28.24	6.29	13	0.02	19.82	34.8	Pass
Band12	1.4	707.5	16QAM	3	HIGH	21.99	28.19	6.2	13	0.02	19.86	34.8	Pass
Band12	1.4	707.5	16QAM	1	LOW	21.99	27.03	5.04	13	0.02	19.86	34.8	Pass
Band12	1.4	707.5	16QAM	1	MID	22.07	27.08	5.01	13	0.02	19.94	34.8	Pass
Band12	1.4	707.5	16QAM	1	HIGH	22.02	27.08	5.06	13	0.02	19.89	34.8	Pass
Band12	1.4	715.3	QPSK	6	LOW	21.81	27.58	5.77	13	0.02	19.68	34.8	Pass
Band12	1.4	715.3	QPSK	3	LOW	23.18	27.91	4.73	13	0.02	21.05	34.8	Pass
Band12	1.4	715.3	QPSK	3	MID	23.2	27.97	4.77	13	0.02	21.07	34.8	Pass
Band12	1.4	715.3	QPSK	3	HIGH	23.19	27.81	4.62	13	0.02	21.06	34.8	Pass
Band12	1.4	715.3	QPSK	1	LOW	22.98	27.41	4.43	13	0.02	20.85	34.8	Pass
Band12	1.4	715.3	QPSK	1	MID	23.12	27.44	4.32	13	0.02	20.99	34.8	Pass
Band12	1.4	715.3	QPSK	1	HIGH	23.01	27.25	4.24	13	0.02	20.88	34.8	Pass
Band12	1.4	715.3	16QAM	6	LOW	21.02	27.77	6.75	13	0.02	18.89	34.8	Pass
Band12	1.4	715.3	16QAM	3	LOW	22.05	27.79	5.74	13	0.02	19.92	34.8	Pass
Band12	1.4	715.3	16QAM	3	MID	22.07	27.82	5.75	13	0.02	19.94	34.8	Pass
Band12	1.4	715.3	16QAM	3	HIGH	22.07	27.59	5.52	13	0.02	19.94	34.8	Pass
Band12	1.4	715.3	16QAM	1	LOW	22.1	26.92	4.82	13	0.02	19.97	34.8	Pass

Band12	1.4	715.3	16QAM	1	MID	22.23	27.05	4.82	13	0.02	20.1	34.8	Pass
Band12	1.4	715.3	16QAM	1	HIGH	22.14	26.81	4.67	13	0.02	20.01	34.8	Pass
Band12	3	700.5	QPSK	15	LOW	21.88	28.39	6.51	13	0.02	19.75	34.8	Pass
Band12	3	700.5	QPSK	8	LOW	21.82	27.72	5.9	13	0.02	19.69	34.8	Pass
Band12	3	700.5	QPSK	8	MID	21.82	27.71	5.89	13	0.02	19.69	34.8	Pass
Band12	3	700.5	QPSK	8	HIGH	21.87	27.76	5.89	13	0.02	19.74	34.8	Pass
Band12	3	700.5	QPSK	1	LOW	22.72	27.23	4.51	13	0.02	20.59	34.8	Pass
Band12	3	700.5	QPSK	1	MID	22.79	27.28	4.49	13	0.02	20.66	34.8	Pass
Band12	3	700.5	QPSK	1	HIGH	22.77	27.31	4.54	13	0.02	20.64	34.8	Pass
Band12	3	700.5	16QAM	15	LOW	20.99	28.23	7.24	13	0.02	18.86	34.8	Pass
Band12	3	700.5	16QAM	8	LOW	21.07	27.73	6.66	13	0.02	18.94	34.8	Pass
Band12	3	700.5	16QAM	8	MID	21.11	27.71	6.6	13	0.02	18.98	34.8	Pass
Band12	3	700.5	16QAM	8	HIGH	21.13	27.68	6.55	13	0.02	19	34.8	Pass
Band12	3	700.5	16QAM	1	LOW	22.44	27.78	5.34	13	0.02	20.31	34.8	Pass
Band12	3	700.5	16QAM	1	MID	22.49	27.73	5.24	13	0.02	20.36	34.8	Pass
Band12	3	700.5	16QAM	1	HIGH	22.45	27.81	5.36	13	0.02	20.32	34.8	Pass
Band12	3	707.5	QPSK	15	LOW	21.84	28.45	6.61	13	0.02	19.71	34.8	Pass
Band12	3	707.5	QPSK	8	LOW	21.92	28.1	6.18	13	0.02	19.79	34.8	Pass
Band12	3	707.5	QPSK	8	MID	21.95	28.1	6.15	13	0.02	19.82	34.8	Pass
Band12	3	707.5	QPSK	8	HIGH	21.97	28.1	6.13	13	0.02	19.84	34.8	Pass
Band12	3	707.5	QPSK	1	LOW	22.91	27.84	4.93	13	0.02	20.78	34.8	Pass
Band12	3	707.5	QPSK	1	MID	23.02	27.92	4.9	13	0.02	20.89	34.8	Pass
Band12	3	707.5	QPSK	1	HIGH	22.91	27.86	4.95	13	0.02	20.78	34.8	Pass
Band12	3	707.5	16QAM	15	LOW	20.99	27.91	6.92	13	0.02	18.86	34.8	Pass
Band12	3	707.5	16QAM	8	LOW	20.89	27.73	6.84	13	0.02	18.76	34.8	Pass
Band12	3	707.5	16QAM	8	MID	20.88	27.68	6.8	13	0.02	18.75	34.8	Pass
Band12	3	707.5	16QAM	8	HIGH	20.85	27.61	6.76	13	0.02	18.72	34.8	Pass
Band12	3	707.5	16QAM	1	LOW	21.99	27.05	5.06	13	0.02	19.86	34.8	Pass
Band12	3	707.5	16QAM	1	MID	22.01	27.07	5.06	13	0.02	19.88	34.8	Pass
Band12	3	707.5	16QAM	1	HIGH	21.91	27.01	5.1	13	0.02	19.78	34.8	Pass
Band12	3	714.5	QPSK	15	LOW	21.83	28.69	6.86	13	0.02	19.7	34.8	Pass
Band12	3	714.5	QPSK	8	LOW	22.03	28.21	6.18	13	0.02	19.9	34.8	Pass
Band12	3	714.5	QPSK	8	MID	22.03	28.25	6.22	13	0.02	19.9	34.8	Pass
Band12	3	714.5	QPSK	8	HIGH	22	28	6	13	0.02	19.87	34.8	Pass
Band12	3	714.5	QPSK	1	LOW	22.97	27.77	4.8	13	0.02	20.84	34.8	Pass
Band12	3	714.5	QPSK	1	MID	22.95	27.49	4.54	13	0.02	20.82	34.8	Pass
Band12	3	714.5	QPSK	1	HIGH	22.82	27.11	4.29	13	0.02	20.69	34.8	Pass
Band12	3	714.5	16QAM	15	LOW	21.15	28.13	6.98	13	0.02	19.02	34.8	Pass
Band12	3	714.5	16QAM	8	LOW	21.02	27.69	6.67	13	0.02	18.89	34.8	Pass
Band12	3	714.5	16QAM	8	MID	21	27.74	6.74	13	0.02	18.87	34.8	Pass
Band12	3	714.5	16QAM	8	HIGH	20.97	27.56	6.59	13	0.02	18.84	34.8	Pass
Band12	3	714.5	16QAM	1	LOW	22.14	27.2	5.06	13	0.02	20.01	34.8	Pass
Band12	3	714.5	16QAM	1	MID	22.09	27.02	4.93	13	0.02	19.96	34.8	Pass
Band12	3	714.5	16QAM	1	HIGH	22.08	26.79	4.71	13	0.02	19.95	34.8	Pass
Band12	5	701.5	QPSK	25	LOW	21.84	28.28	6.44	13	0.02	19.71	34.8	Pass
Band12	5	701.5	QPSK	12	LOW	21.89	27.8	5.91	13	0.02	19.76	34.8	Pass

Band12	5	701.5	QPSK	12	MID	21.89	27.78	5.89	13	0.02	19.76	34.8	Pass
Band12	5	701.5	QPSK	12	HIGH	21.94	27.73	5.79	13	0.02	19.81	34.8	Pass
Band12	5	701.5	QPSK	1	LOW	22.8	27.87	5.07	13	0.02	20.67	34.8	Pass
Band12	5	701.5	QPSK	1	MID	22.88	28.02	5.14	13	0.02	20.75	34.8	Pass
Band12	5	701.5	QPSK	1	HIGH	22.79	28.11	5.32	13	0.02	20.66	34.8	Pass
Band12	5	701.5	16QAM	25	LOW	20.98	28.56	7.58	13	0.02	18.85	34.8	Pass
Band12	5	701.5	16QAM	12	LOW	20.96	27.93	6.97	13	0.02	18.83	34.8	Pass
Band12	5	701.5	16QAM	12	MID	20.96	27.94	6.98	13	0.02	18.83	34.8	Pass
Band12	5	701.5	16QAM	12	HIGH	20.98	28.1	7.12	13	0.02	18.85	34.8	Pass
Band12	5	701.5	16QAM	1	LOW	21.9	27.22	5.32	13	0.02	19.77	34.8	Pass
Band12	5	701.5	16QAM	1	MID	21.97	27.29	5.32	13	0.02	19.84	34.8	Pass
Band12	5	701.5	16QAM	1	HIGH	21.89	27.36	5.47	13	0.02	19.76	34.8	Pass
Band12	5	707.5	QPSK	25	LOW	21.84	28.68	6.84	13	0.02	19.71	34.8	Pass
Band12	5	707.5	QPSK	12	LOW	21.97	28.56	6.59	13	0.02	19.84	34.8	Pass
Band12	5	707.5	QPSK	12	MID	21.98	28.59	6.61	13	0.02	19.85	34.8	Pass
Band12	5	707.5	QPSK	12	HIGH	21.98	28.54	6.56	13	0.02	19.85	34.8	Pass
Band12	5	707.5	QPSK	1	LOW	22.97	27.86	4.89	13	0.02	20.84	34.8	Pass
Band12	5	707.5	QPSK	1	MID	23	27.87	4.87	13	0.02	20.87	34.8	Pass
Band12	5	707.5	QPSK	1	HIGH	23	27.87	4.87	13	0.02	20.87	34.8	Pass
Band12	5	707.5	16QAM	25	LOW	21.04	28.99	7.95	13	0.02	18.91	34.8	Pass
Band12	5	707.5	16QAM	12	LOW	21.04	28.01	6.97	13	0.02	18.91	34.8	Pass
Band12	5	707.5	16QAM	12	MID	21.05	28.03	6.98	13	0.02	18.92	34.8	Pass
Band12	5	707.5	16QAM	12	HIGH	21.07	28	6.93	13	0.02	18.94	34.8	Pass
Band12	5	707.5	16QAM	1	LOW	22.24	27.68	5.44	13	0.02	20.11	34.8	Pass
Band12	5	707.5	16QAM	1	MID	22.23	27.64	5.41	13	0.02	20.1	34.8	Pass
Band12	5	707.5	16QAM	1	HIGH	22.22	27.63	5.41	13	0.02	20.09	34.8	Pass
Band12	5	713.5	QPSK	25	LOW	21.84	28.27	6.43	13	0.02	19.71	34.8	Pass
Band12	5	713.5	QPSK	12	LOW	22.04	28.11	6.07	13	0.02	19.91	34.8	Pass
Band12	5	713.5	QPSK	12	MID	22.03	28.1	6.07	13	0.02	19.9	34.8	Pass
Band12	5	713.5	QPSK	12	HIGH	22.05	27.9	5.85	13	0.02	19.92	34.8	Pass
Band12	5	713.5	QPSK	1	LOW	22.97	28.07	5.1	13	0.02	20.84	34.8	Pass
Band12	5	713.5	QPSK	1	MID	23.06	28	4.94	13	0.02	20.93	34.8	Pass
Band12	5	713.5	QPSK	1	HIGH	22.98	27.54	4.56	13	0.02	20.85	34.8	Pass
Band12	5	713.5	16QAM	25	LOW	21.08	28.88	7.8	13	0.02	18.95	34.8	Pass
Band12	5	713.5	16QAM	12	LOW	20.93	28.08	7.15	13	0.02	18.8	34.8	Pass
Band12	5	713.5	16QAM	12	MID	20.95	28.04	7.09	13	0.02	18.82	34.8	Pass
Band12	5	713.5	16QAM	12	HIGH	20.89	27.69	6.8	13	0.02	18.76	34.8	Pass
Band12	5	713.5	16QAM	1	LOW	21.91	27.9	5.99	13	0.02	19.78	34.8	Pass
Band12	5	713.5	16QAM	1	MID	21.97	27.86	5.89	13	0.02	19.84	34.8	Pass
Band12	5	713.5	16QAM	1	HIGH	21.88	27.32	5.44	13	0.02	19.75	34.8	Pass
Band12	10	704	QPSK	50	LOW	21.84	28.37	6.53	13	0.02	19.71	34.8	Pass
Band12	10	704	QPSK	25	LOW	21.88	28.04	6.16	13	0.02	19.75	34.8	Pass
Band12	10	704	QPSK	25	MID	21.89	28.03	6.14	13	0.02	19.76	34.8	Pass
Band12	10	704	QPSK	25	HIGH	21.95	28.3	6.35	13	0.02	19.82	34.8	Pass
Band12	10	704	QPSK	1	LOW	22.81	27.3	4.49	13	0.02	20.68	34.8	Pass
Band12	10	704	QPSK	1	MID	22.84	27.54	4.7	13	0.02	20.71	34.8	Pass

Band12	10	704	QPSK	1	HIGH	22.74	27.57	4.83	13	0.02	20.61	34.8	Pass
Band12	10	704	16QAM	50	LOW	20.99	28.84	7.85	13	0.02	18.86	34.8	Pass
Band12	10	704	16QAM	25	LOW	20.97	27.97	7	13	0.02	18.84	34.8	Pass
Band12	10	704	16QAM	25	MID	20.98	27.98	7	13	0.02	18.85	34.8	Pass
Band12	10	704	16QAM	25	HIGH	21.01	28.18	7.17	13	0.02	18.88	34.8	Pass
Band12	10	704	16QAM	1	LOW	22.51	27.73	5.22	13	0.02	20.38	34.8	Pass
Band12	10	704	16QAM	1	MID	22.57	28.09	5.52	13	0.02	20.44	34.8	Pass
Band12	10	704	16QAM	1	HIGH	22.52	28.13	5.61	13	0.02	20.39	34.8	Pass
Band12	10	707.5	QPSK	50	LOW	21.83	28.31	6.48	13	0.02	19.7	34.8	Pass
Band12	10	707.5	QPSK	25	LOW	21.93	28.27	6.34	13	0.02	19.8	34.8	Pass
Band12	10	707.5	QPSK	25	MID	21.94	28.27	6.33	13	0.02	19.81	34.8	Pass
Band12	10	707.5	QPSK	25	HIGH	21.98	28.41	6.43	13	0.02	19.85	34.8	Pass
Band12	10	707.5	QPSK	1	LOW	22.97	27.65	4.68	13	0.02	20.84	34.8	Pass
Band12	10	707.5	QPSK	1	MID	23.07	27.9	4.83	13	0.02	20.94	34.8	Pass
Band12	10	707.5	QPSK	1	HIGH	23.09	28.07	4.98	13	0.02	20.96	34.8	Pass
Band12	10	707.5	16QAM	50	LOW	21.02	28.24	7.22	13	0.02	18.89	34.8	Pass
Band12	10	707.5	16QAM	25	LOW	20.94	28.32	7.38	13	0.02	18.81	34.8	Pass
Band12	10	707.5	16QAM	25	MID	20.94	28.25	7.31	13	0.02	18.81	34.8	Pass
Band12	10	707.5	16QAM	25	HIGH	20.94	28.41	7.47	13	0.02	18.81	34.8	Pass
Band12	10	707.5	16QAM	1	LOW	22.02	26.97	4.95	13	0.02	19.89	34.8	Pass
Band12	10	707.5	16QAM	1	MID	22.11	27.09	4.98	13	0.02	19.98	34.8	Pass
Band12	10	707.5	16QAM	1	HIGH	22.1	27.17	5.07	13	0.02	19.97	34.8	Pass
Band12	10	711	QPSK	50	LOW	21.83	28.29	6.46	13	0.02	19.7	34.8	Pass
Band12	10	711	QPSK	25	LOW	21.93	28.53	6.6	13	0.02	19.8	34.8	Pass
Band12	10	711	QPSK	25	MID	21.94	28.57	6.63	13	0.02	19.81	34.8	Pass
Band12	10	711	QPSK	25	HIGH	22.01	28.53	6.52	13	0.02	19.88	34.8	Pass
Band12	10	711	QPSK	1	LOW	22.95	27.78	4.83	13	0.02	20.82	34.8	Pass
Band12	10	711	QPSK	1	MID	23.01	27.84	4.83	13	0.02	20.88	34.8	Pass
Band12	10	711	QPSK	1	HIGH	23.03	27.41	4.38	13	0.02	20.9	34.8	Pass
Band12	10	711	16QAM	50	LOW	21.09	28.8	7.71	13	0.02	18.96	34.8	Pass
Band12	10	711	16QAM	25	LOW	21.02	28.29	7.27	13	0.02	18.89	34.8	Pass
Band12	10	711	16QAM	25	MID	21.03	28.27	7.24	13	0.02	18.9	34.8	Pass
Band12	10	711	16QAM	25	HIGH	21.04	28.26	7.22	13	0.02	18.91	34.8	Pass
Band12	10	711	16QAM	1	LOW	22.15	27.29	5.14	13	0.02	20.02	34.8	Pass
Band12	10	711	16QAM	1	MID	22.18	27.36	5.18	13	0.02	20.05	34.8	Pass
Band12	10	711	16QAM	1	HIGH	22.14	26.95	4.81	13	0.02	20.01	34.8	Pass