

RF Test Data for LTE (Conducted Measurement)

Product Name: Smart phone

Trade Mark: 

Test Model: K58

Sample ID: TZ220102866-1#

FCC ID: 2APX7K58

Environmental Conditions

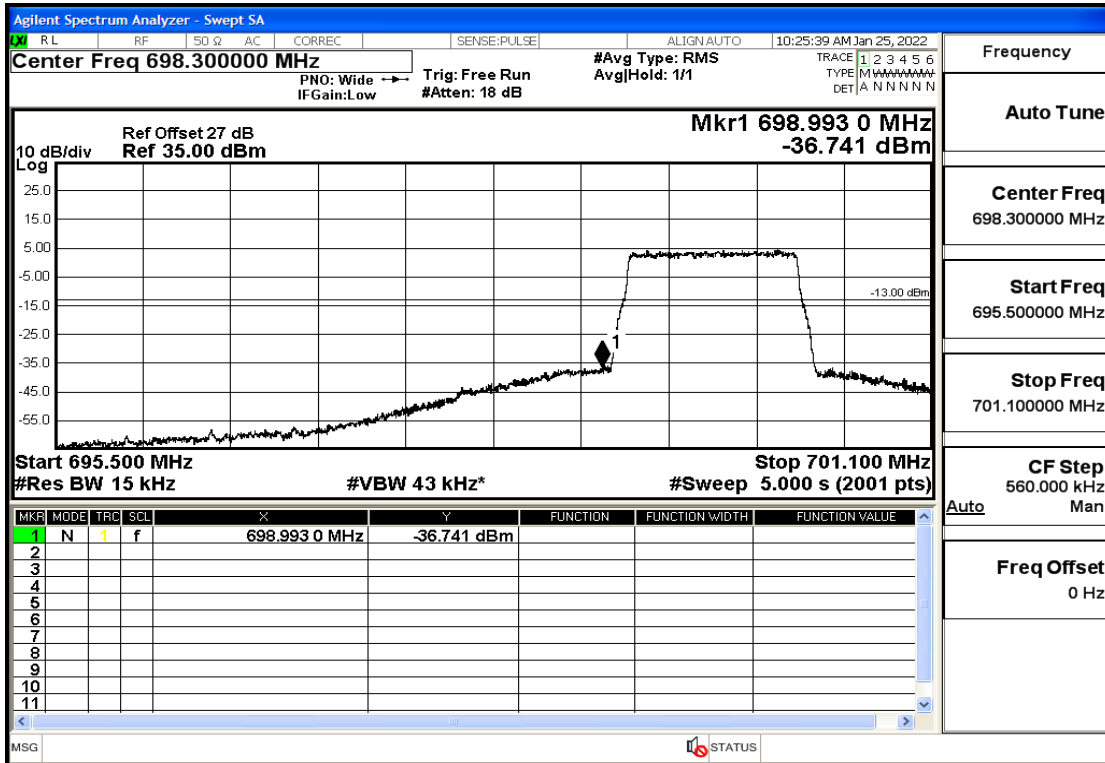
Temperature:	23.8°C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band12/17

Band Edge and Emission Mask

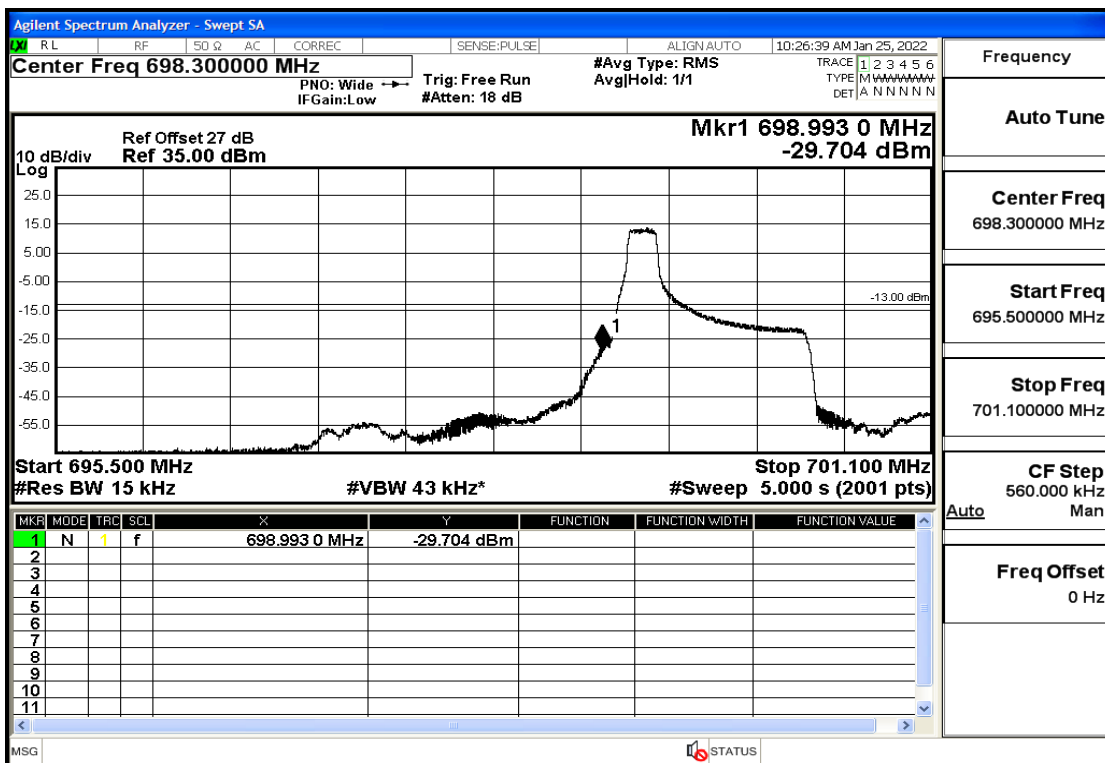
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band12	1.4	699.7	QPSK	6	LOW	Pass
Band12	1.4	699.7	QPSK	1	LOW	Pass
Band12	1.4	699.7	16QAM	6	LOW	Pass
Band12	1.4	699.7	16QAM	1	LOW	Pass
Band12	1.4	715.3	QPSK	6	LOW	Pass
Band12	1.4	715.3	QPSK	1	HIGH	Pass
Band12	1.4	715.3	16QAM	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
Band17	5	706.5	QPSK	25	LOW	Pass
Band17	5	706.5	QPSK	1	LOW	Pass
Band17	5	706.5	16QAM	25	LOW	Pass
Band17	5	706.5	16QAM	1	LOW	Pass
Band17	5	713.5	QPSK	25	LOW	Pass
Band17	5	713.5	QPSK	1	HIGH	Pass
Band17	5	713.5	16QAM	25	LOW	Pass
Band17	5	713.5	16QAM	1	HIGH	Pass
Band17	10	709	QPSK	50	LOW	Pass

Band17	10	709	QPSK	1	LOW	Pass
Band17	10	709	16QAM	50	LOW	Pass
Band17	10	709	16QAM	1	LOW	Pass
Band17	10	711	QPSK	50	LOW	Pass
Band17	10	711	QPSK	1	HIGH	Pass
Band17	10	711	16QAM	50	LOW	Pass
Band17	10	711	16QAM	1	HIGH	Pass

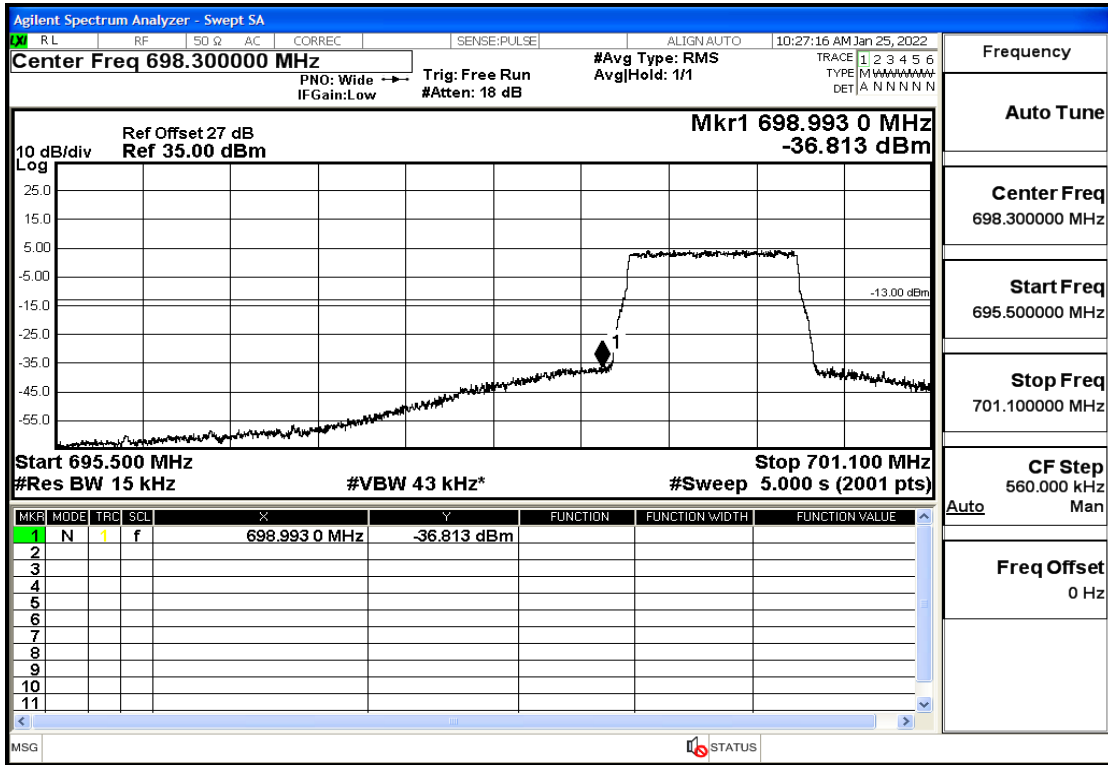
Band12-1.4-699.7-QPSK-6#LOW@Pass



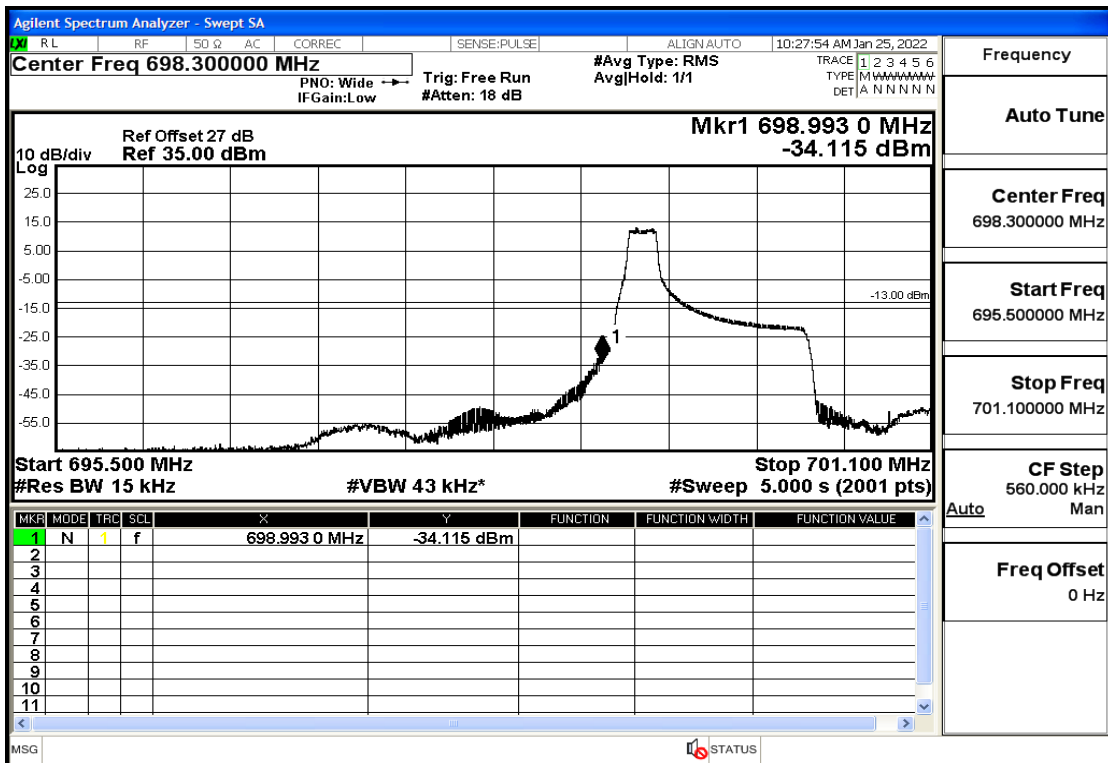
Band12-1.4-699.7-QPSK-1#LOW@Pass



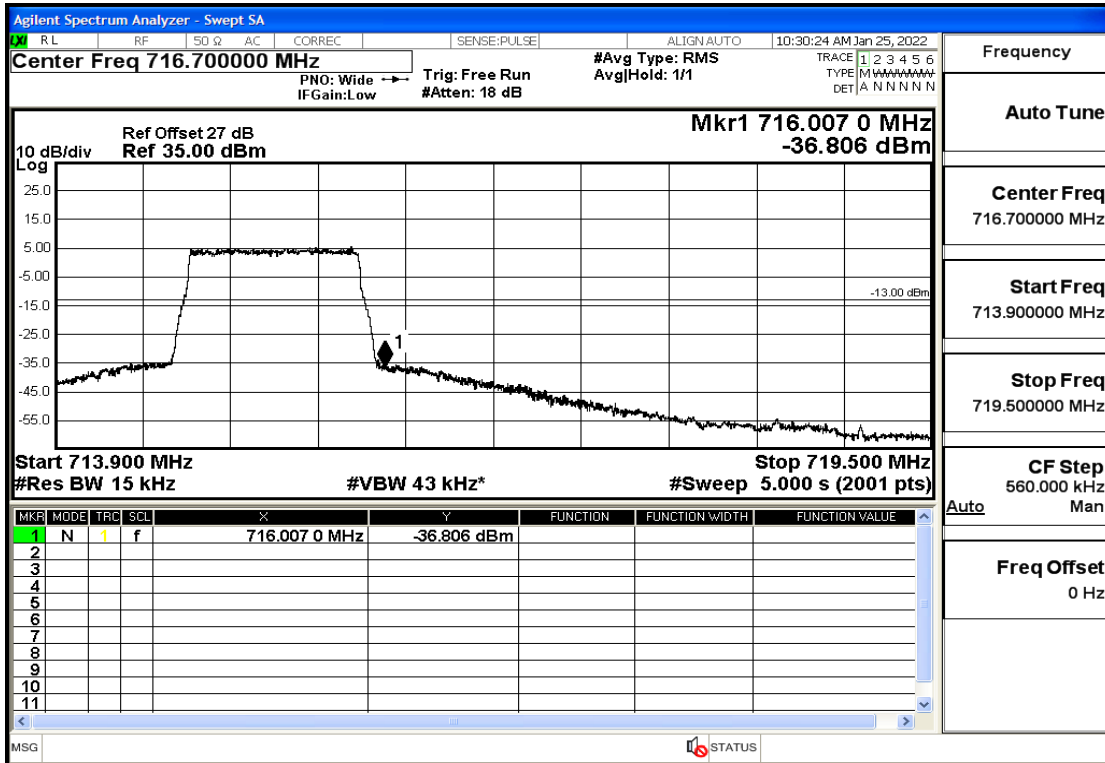
Band12-1.4-699.7-16QAM-6#LOW@Pass



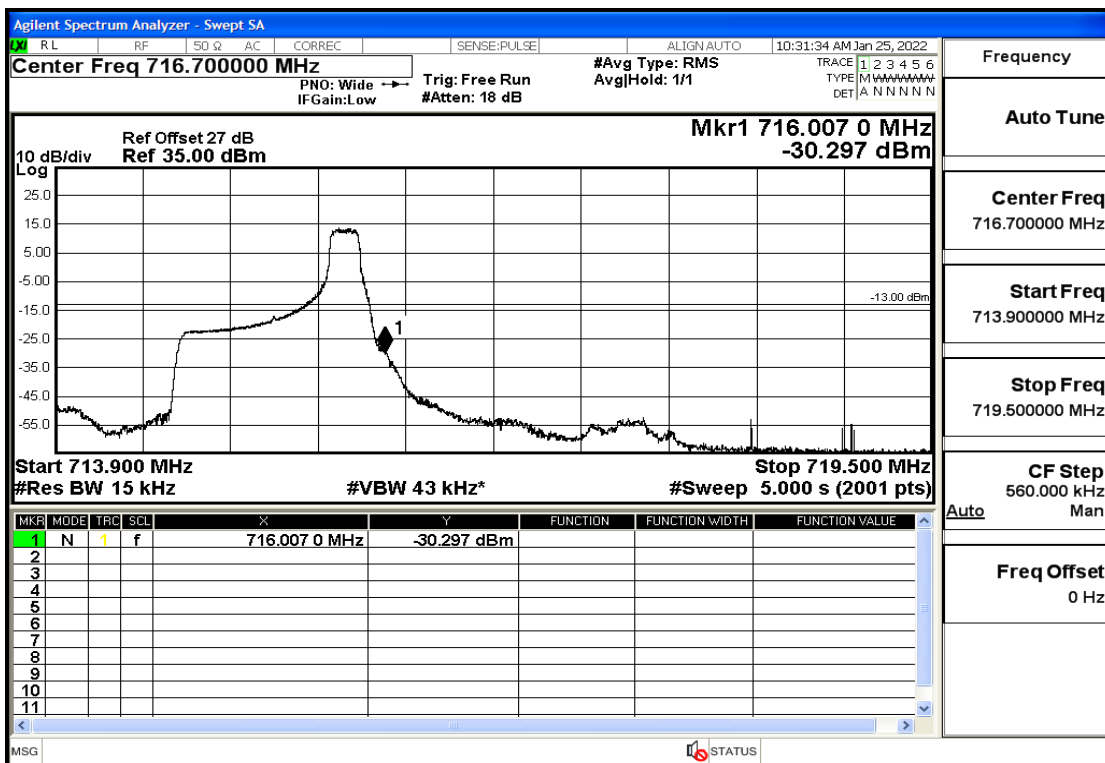
Band12-1.4-699.7-16QAM-1#LOW@Pass



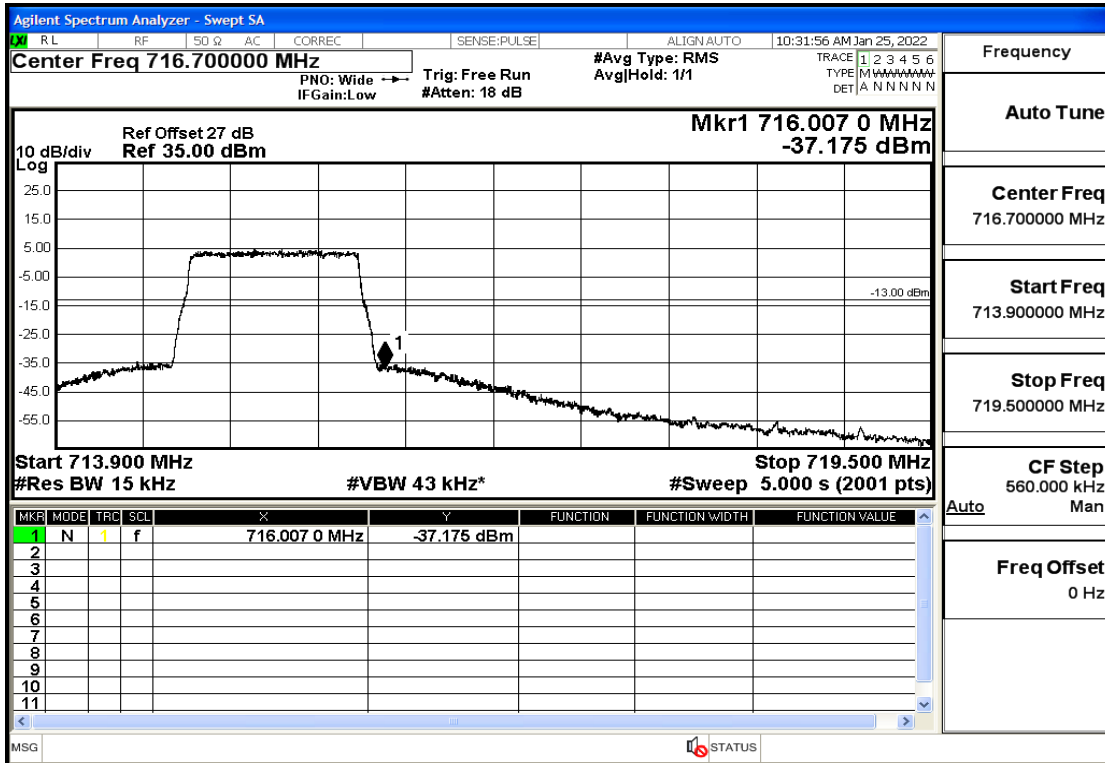
Band12-1.4-715.3-QPSK-6#LOW@Pass



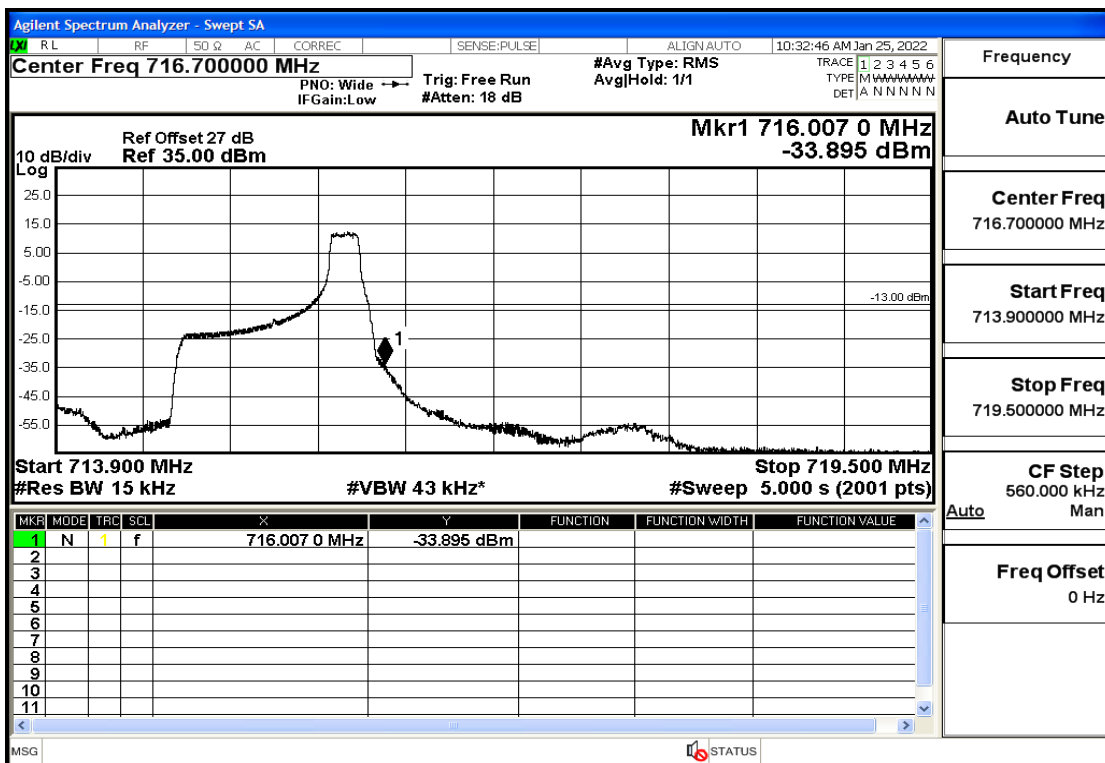
Band12-1.4-715.3-QPSK-1#HIGH@Pass



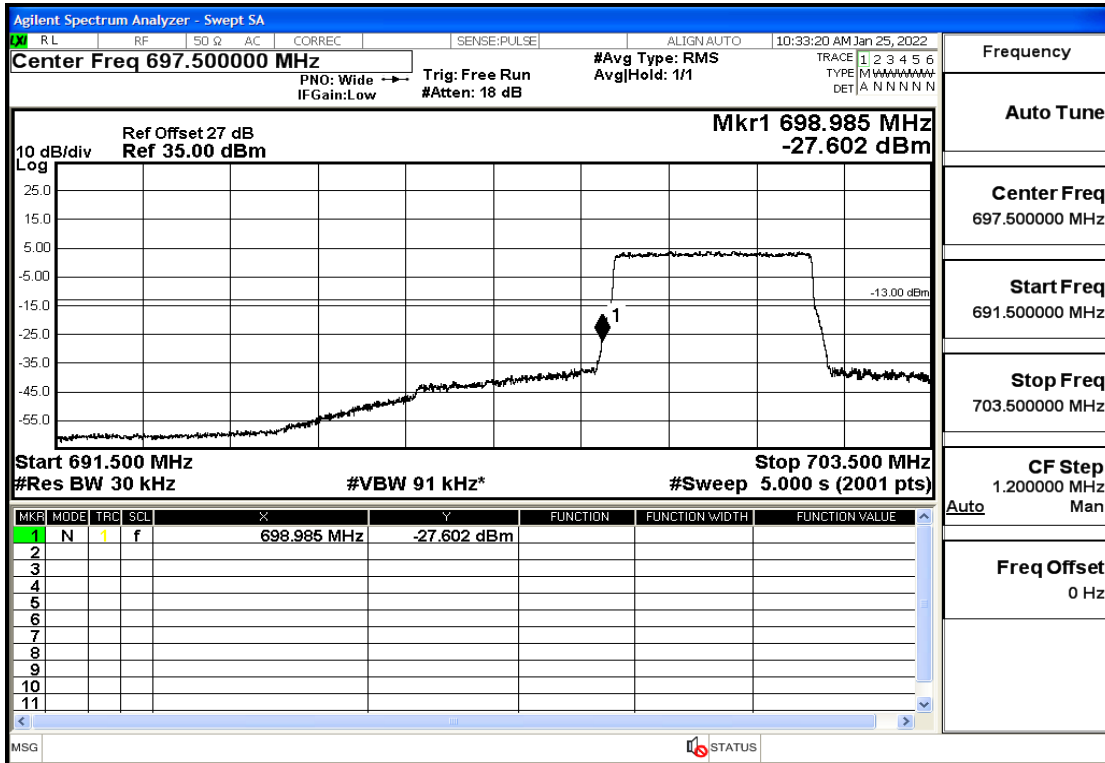
Band12-1.4-715.3-16QAM-6#LOW@Pass



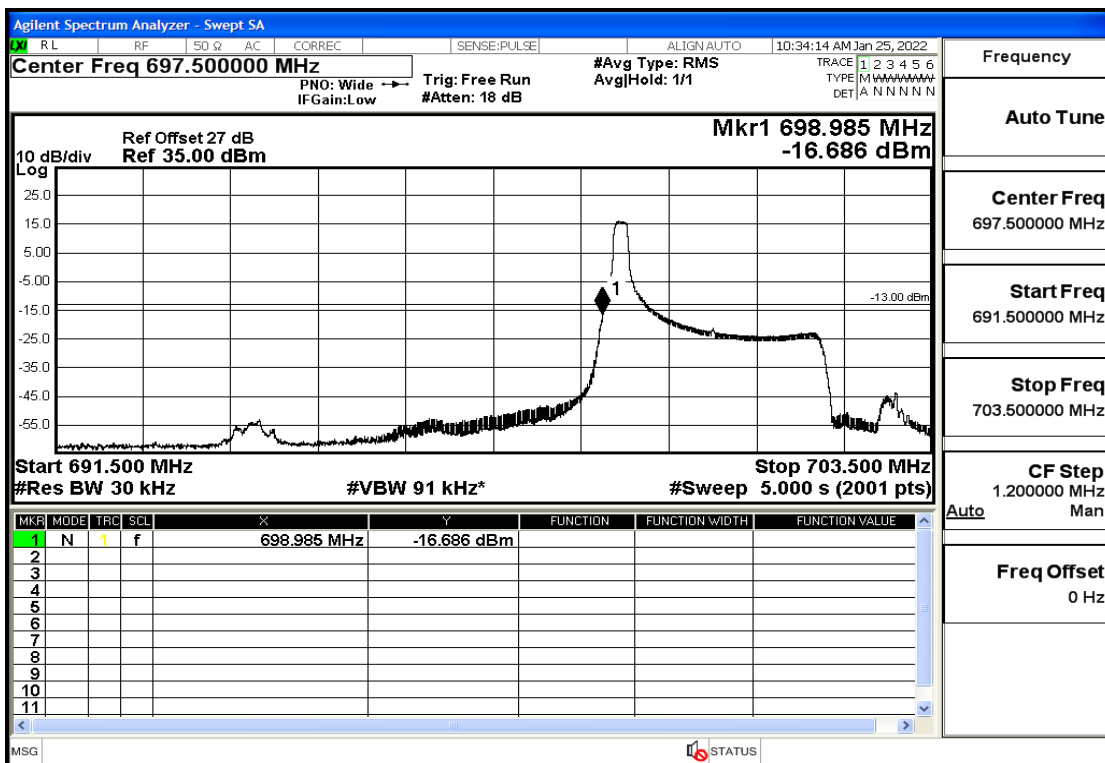
Band12-1.4-715.3-16QAM-1#HIGH@Pass



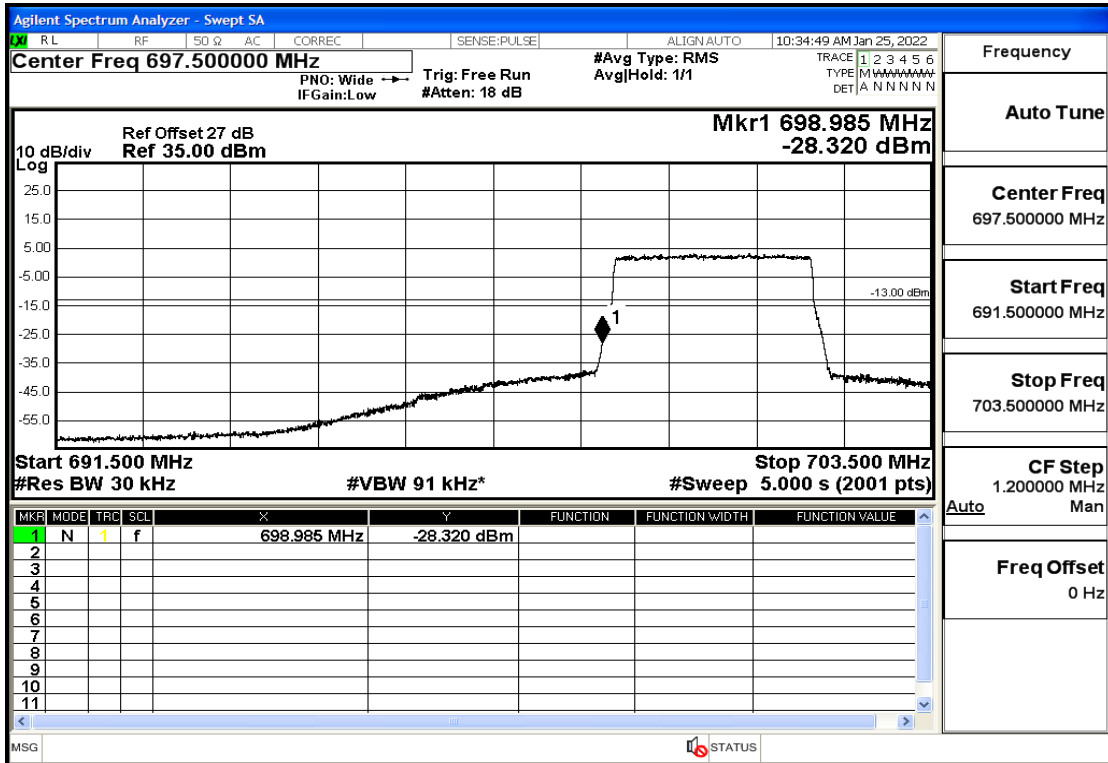
Band12-3-700.5-QPSK-15#LOW@Pass



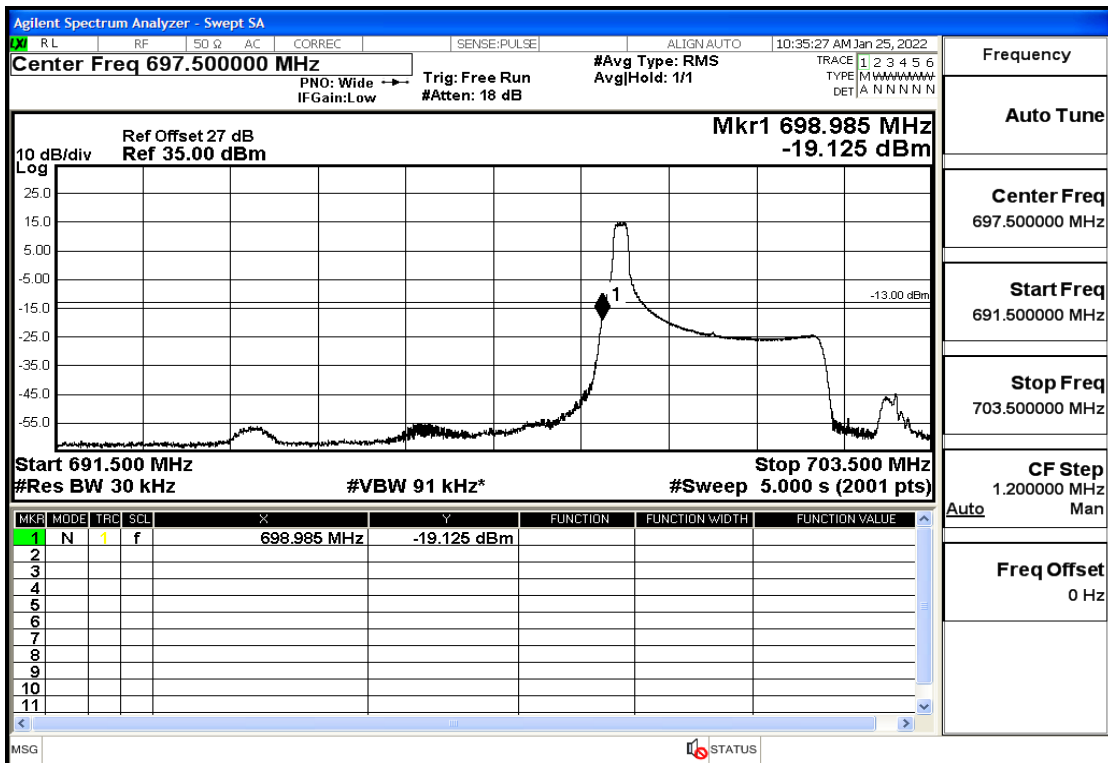
Band12-3-700.5-QPSK-1#LOW@Pass



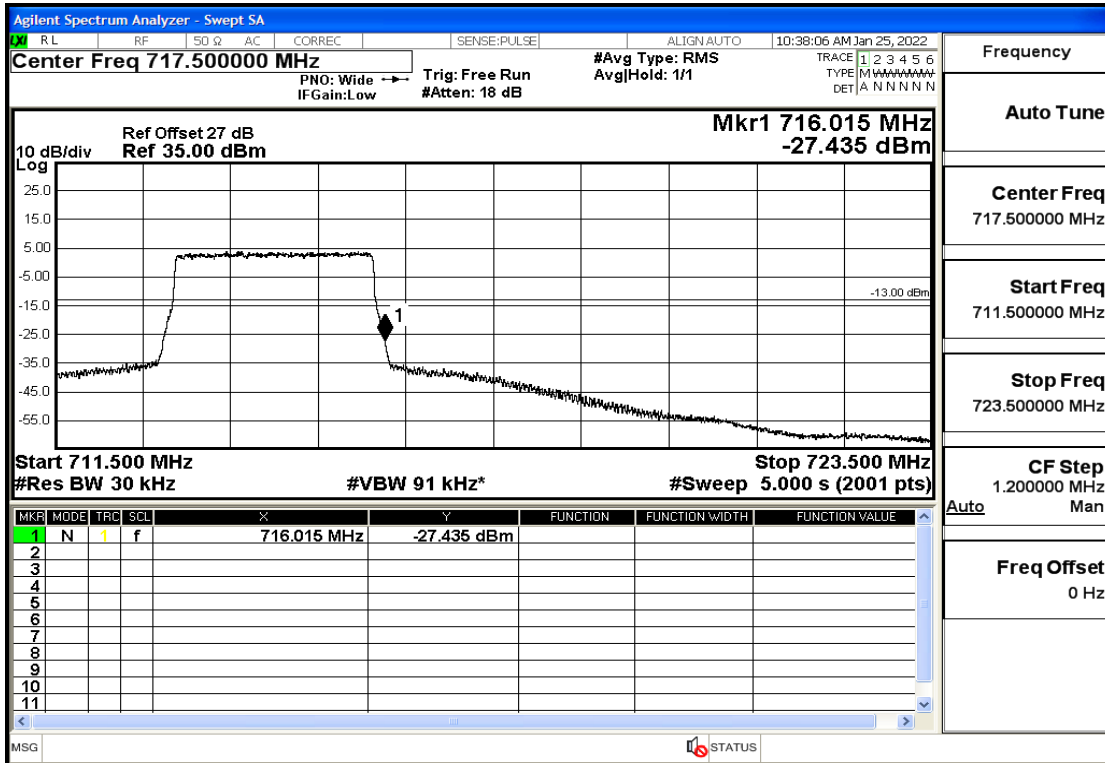
Band12-3-700.5-16QAM-15#LOW@Pass



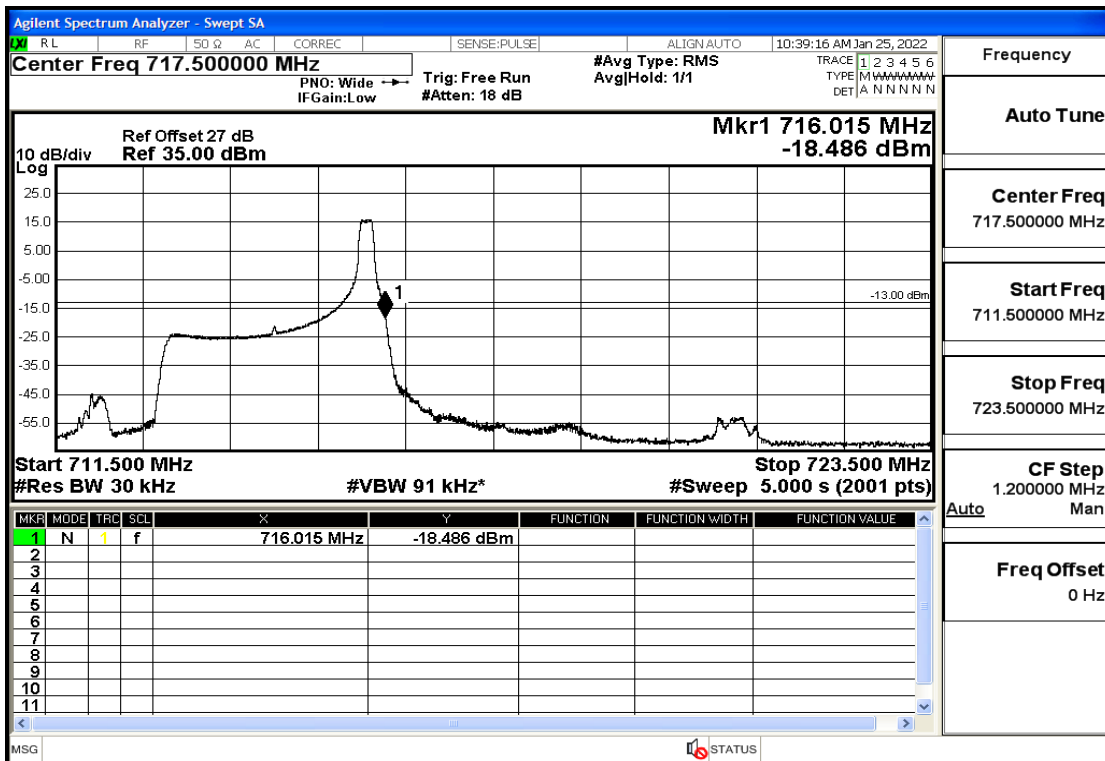
Band12-3-700.5-16QAM-1#LOW@Pass



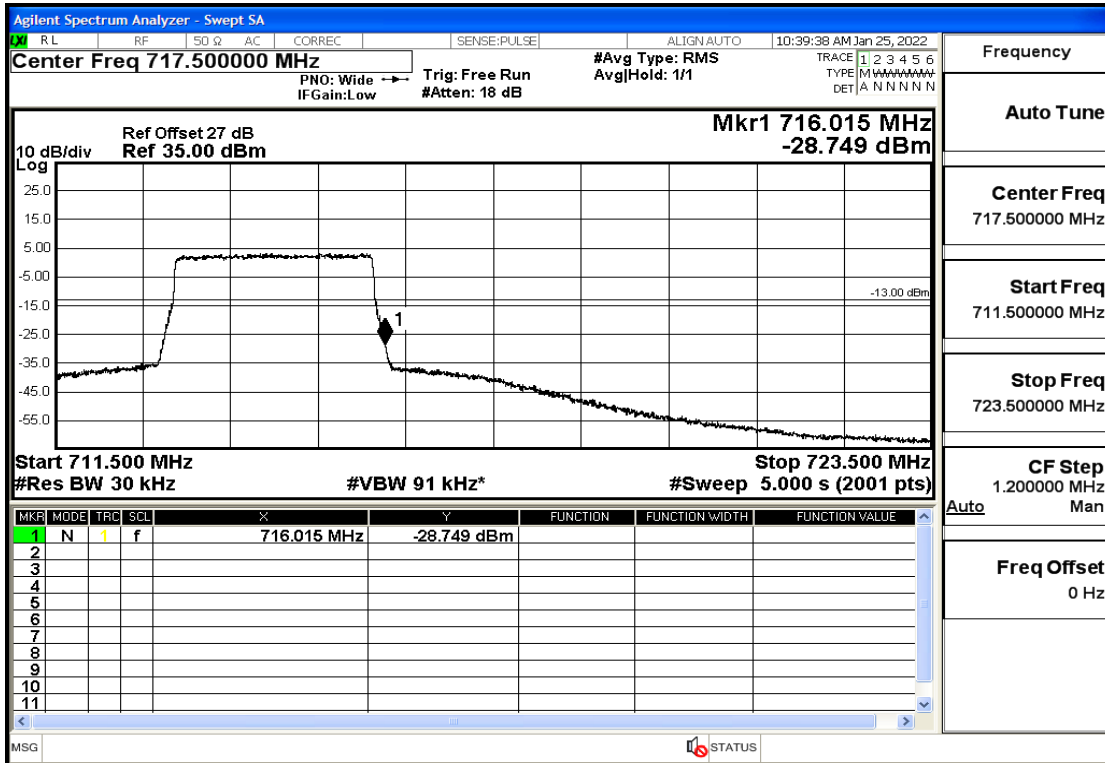
Band12-3-714.5-QPSK-15#LOW@Pass



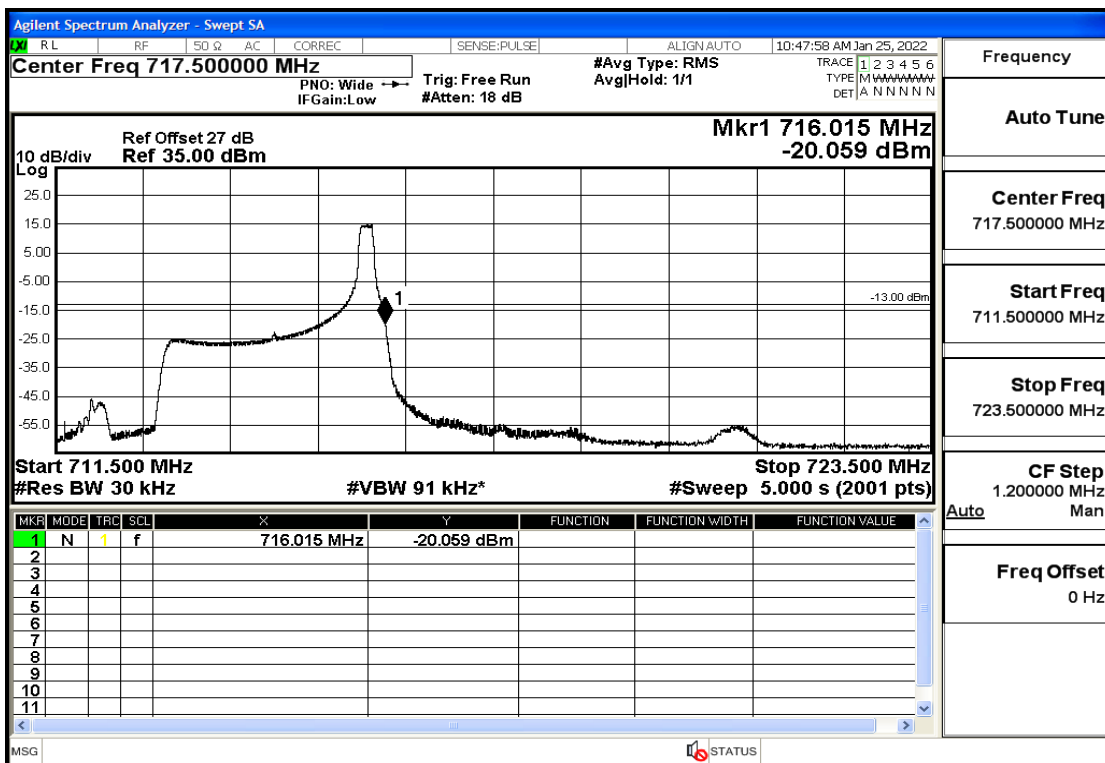
Band12-3-714.5-QPSK-1#HIGH@Pass



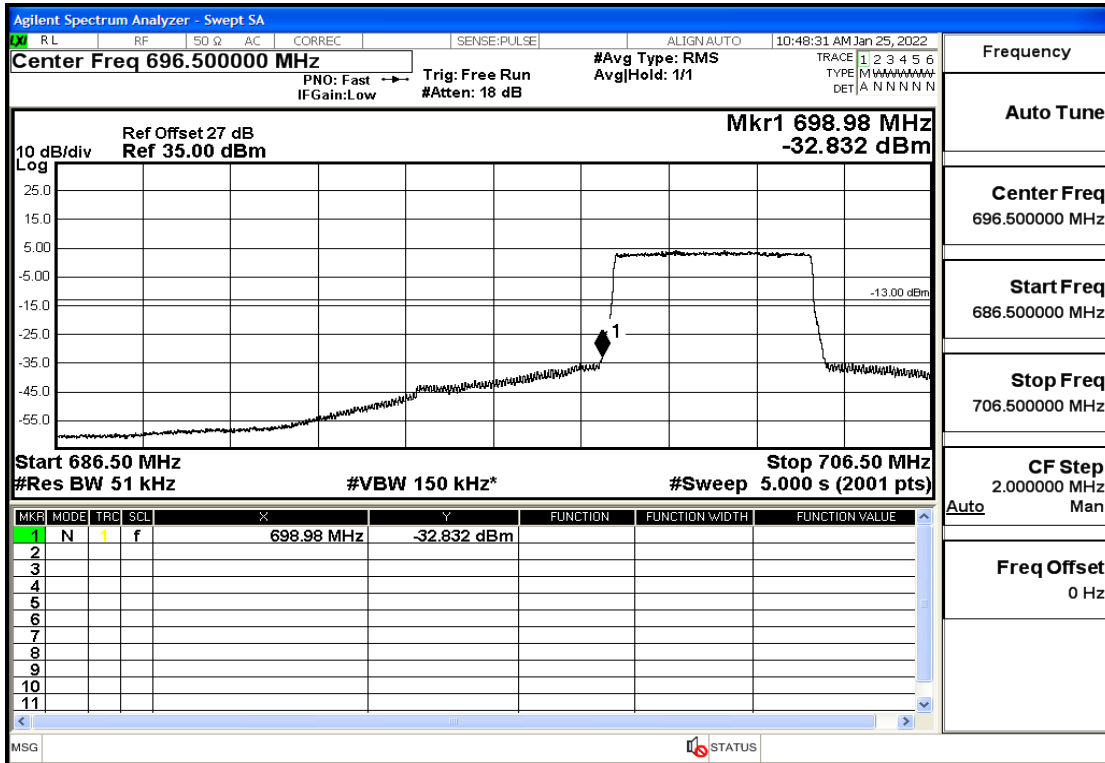
Band12-3-714.5-16QAM-15#LOW@Pass



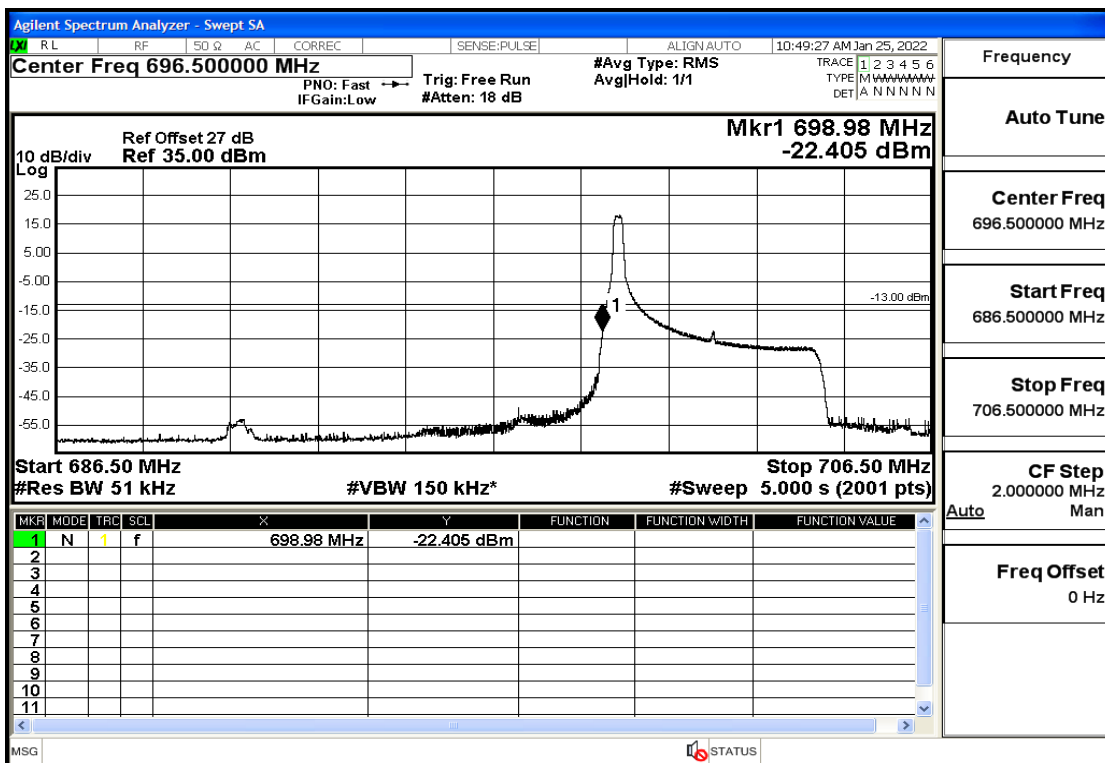
Band12-3-714.5-16QAM-1#HIGH@Pass



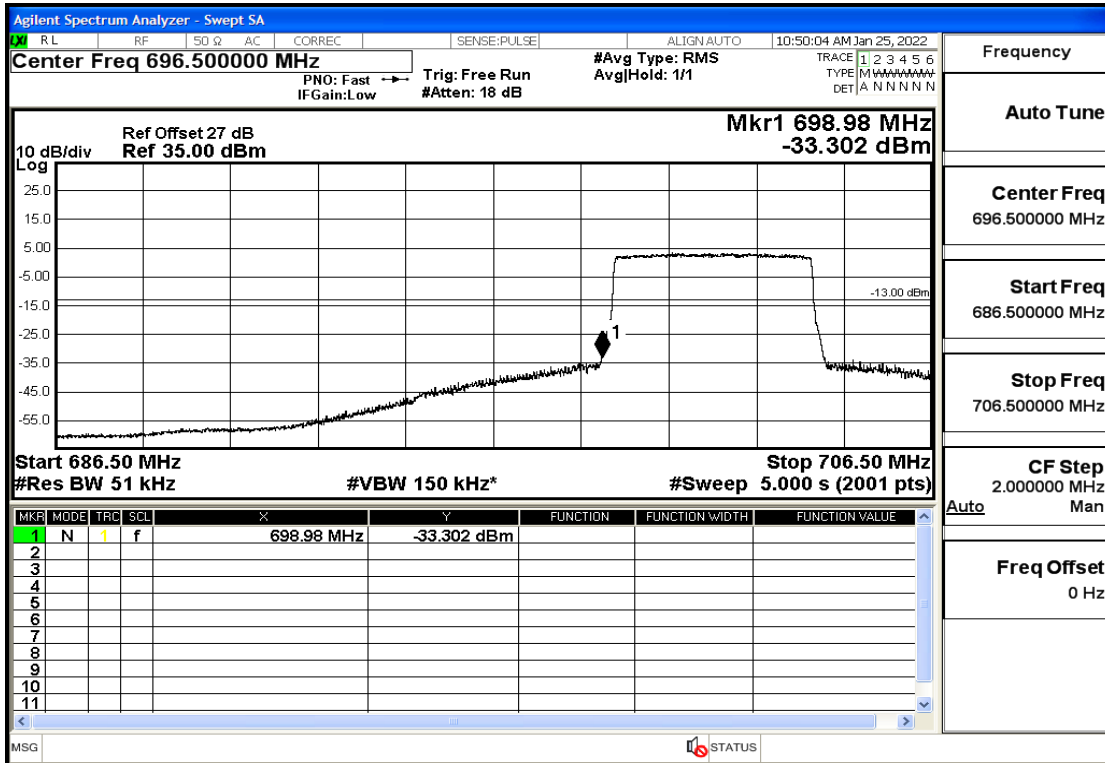
Band12-5-701.5-QPSK-25#LOW@Pass



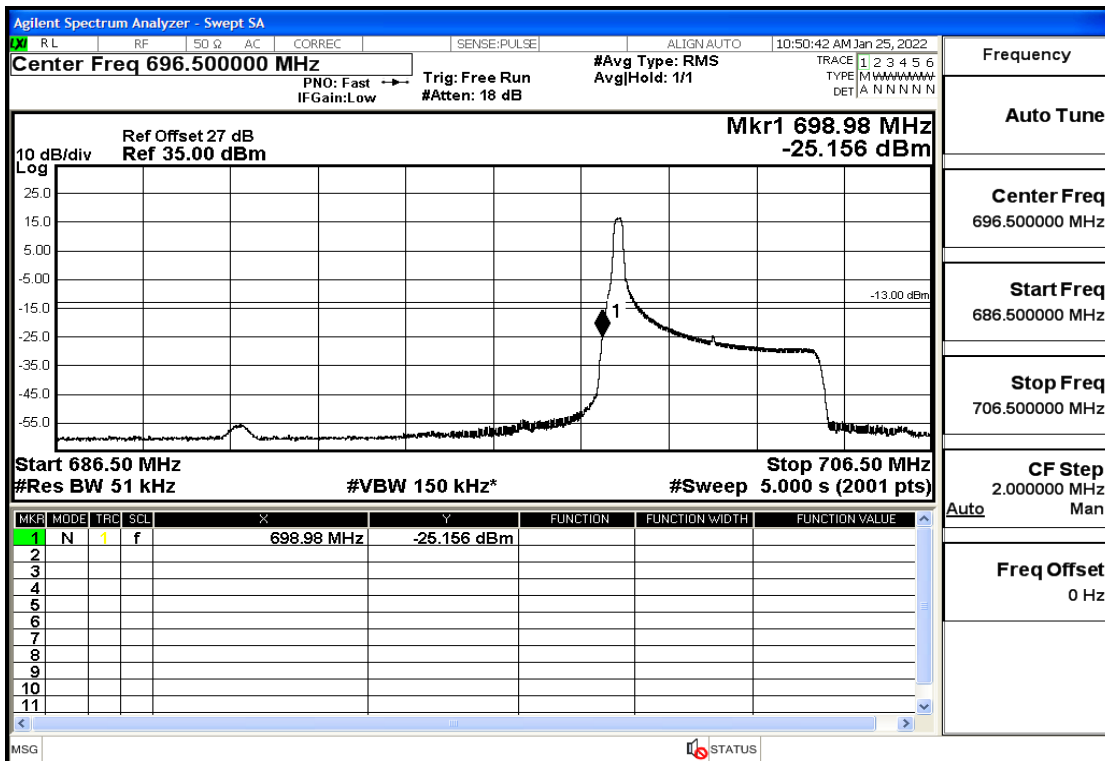
Band12-5-701.5-QPSK-1#LOW@Pass



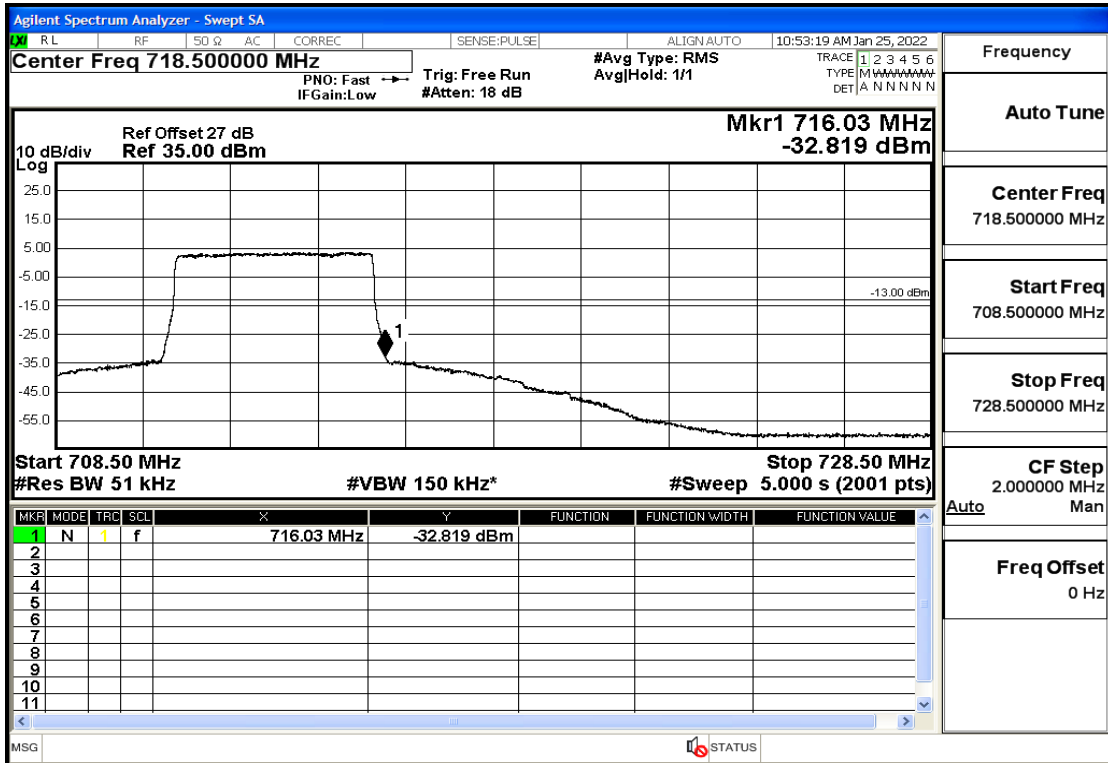
Band12-5-701.5-16QAM-25#LOW@Pass



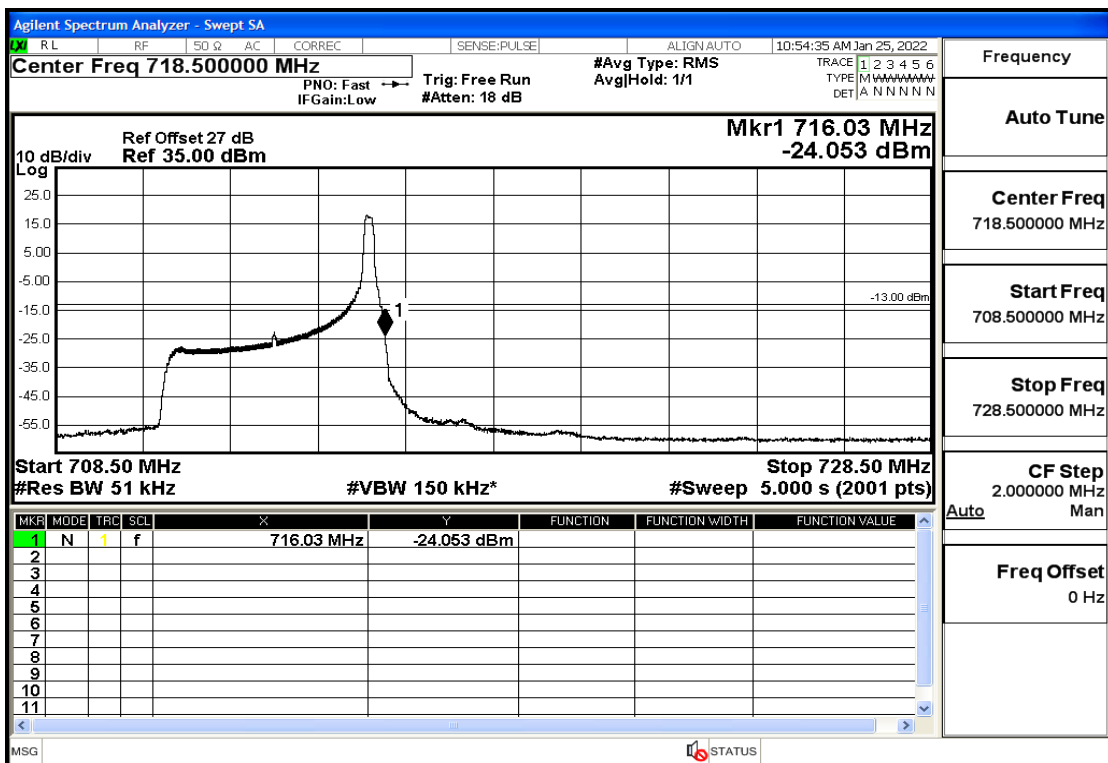
Band12-5-701.5-16QAM-1#LOW@Pass



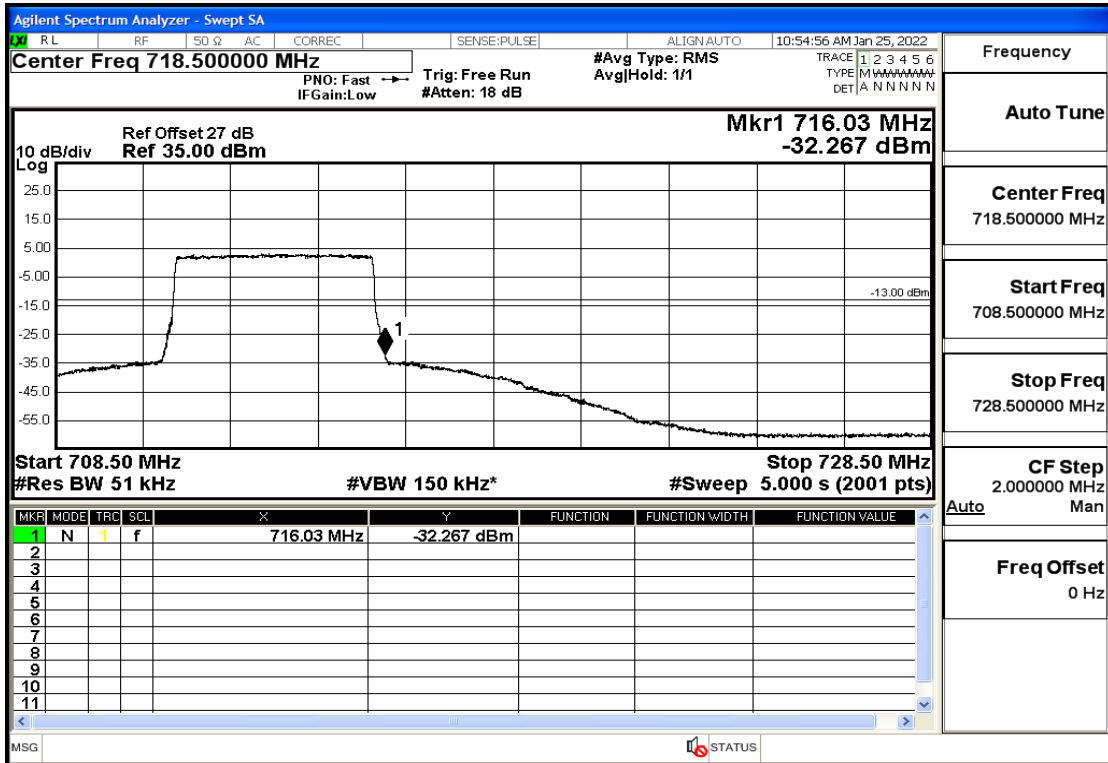
Band12-5-713.5-QPSK-25#LOW@Pass



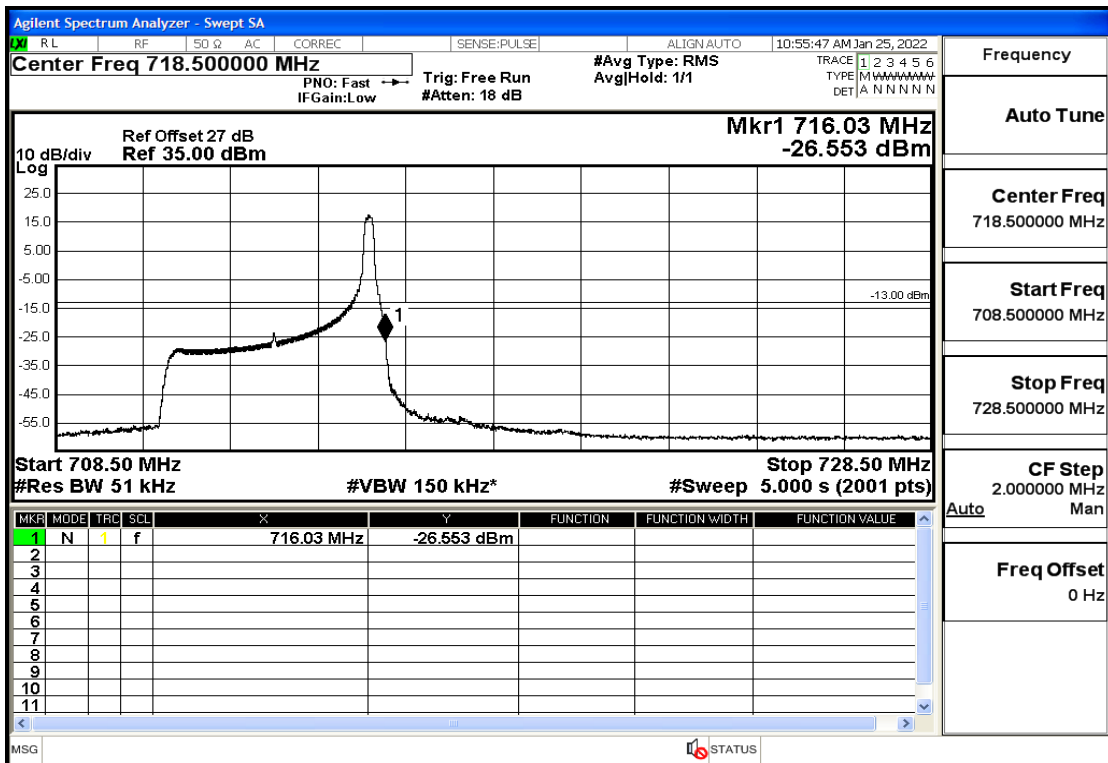
Band12-5-713.5-QPSK-1#HIGH@Pass



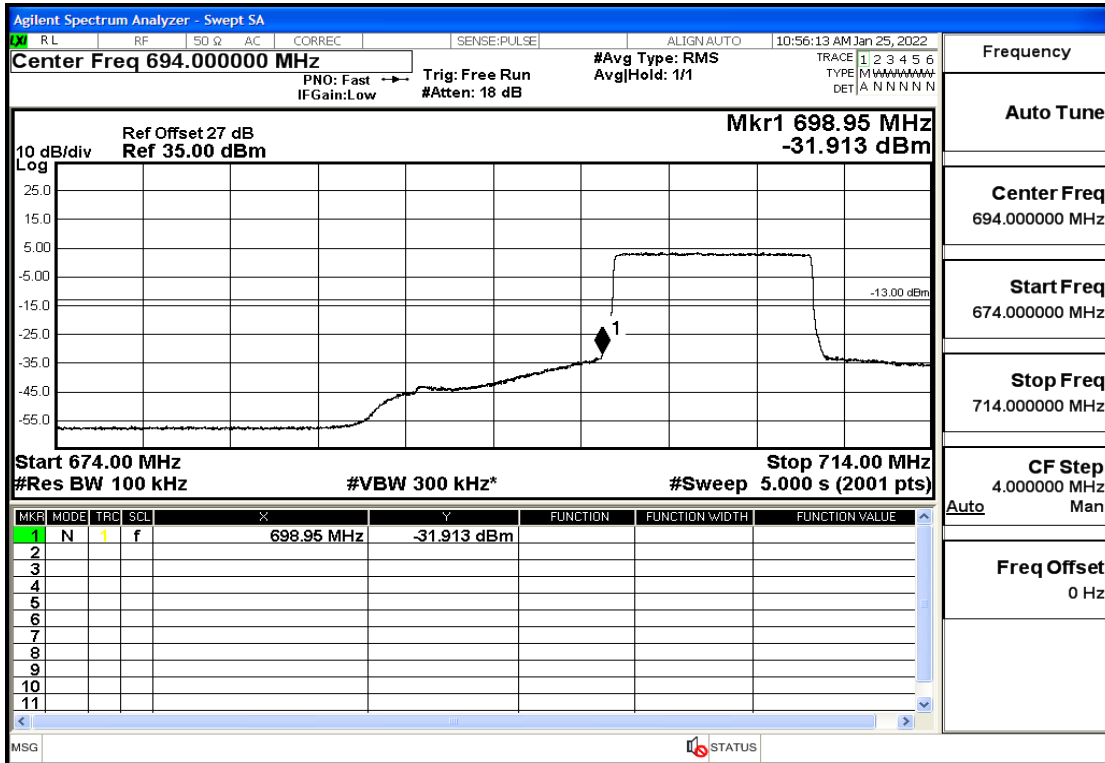
Band12-5-713.5-16QAM-25#LOW@Pass



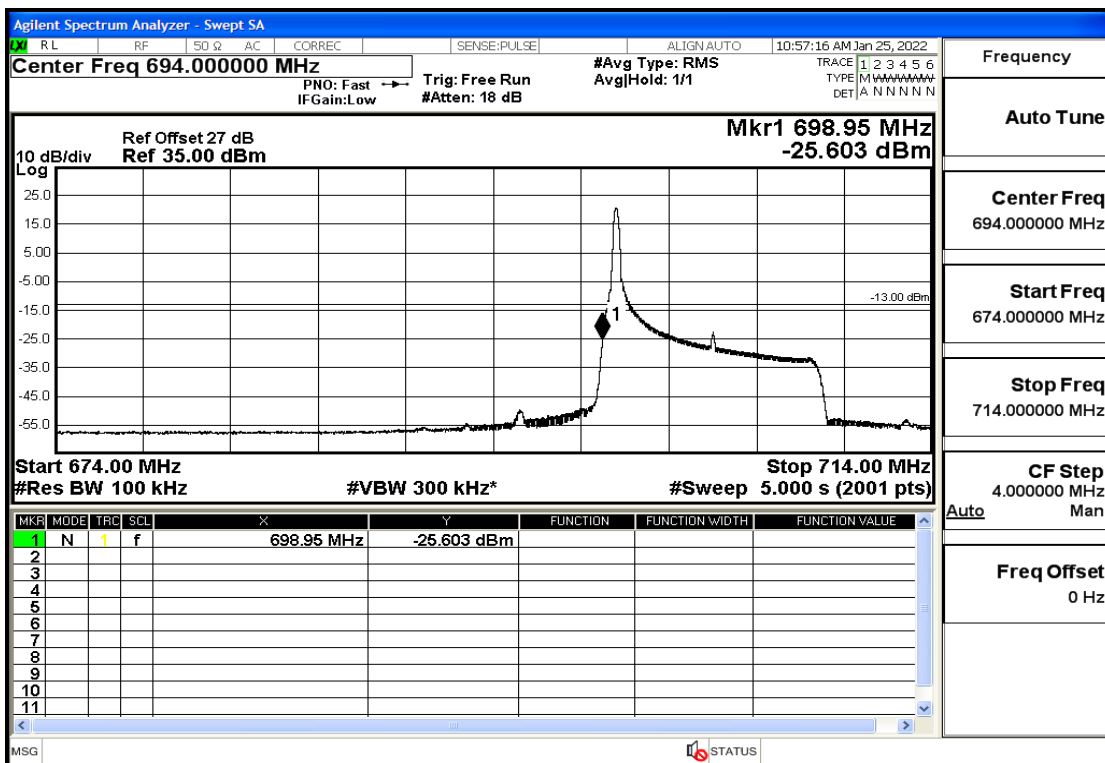
Band12-5-713.5-16QAM-1#HIGH@Pass



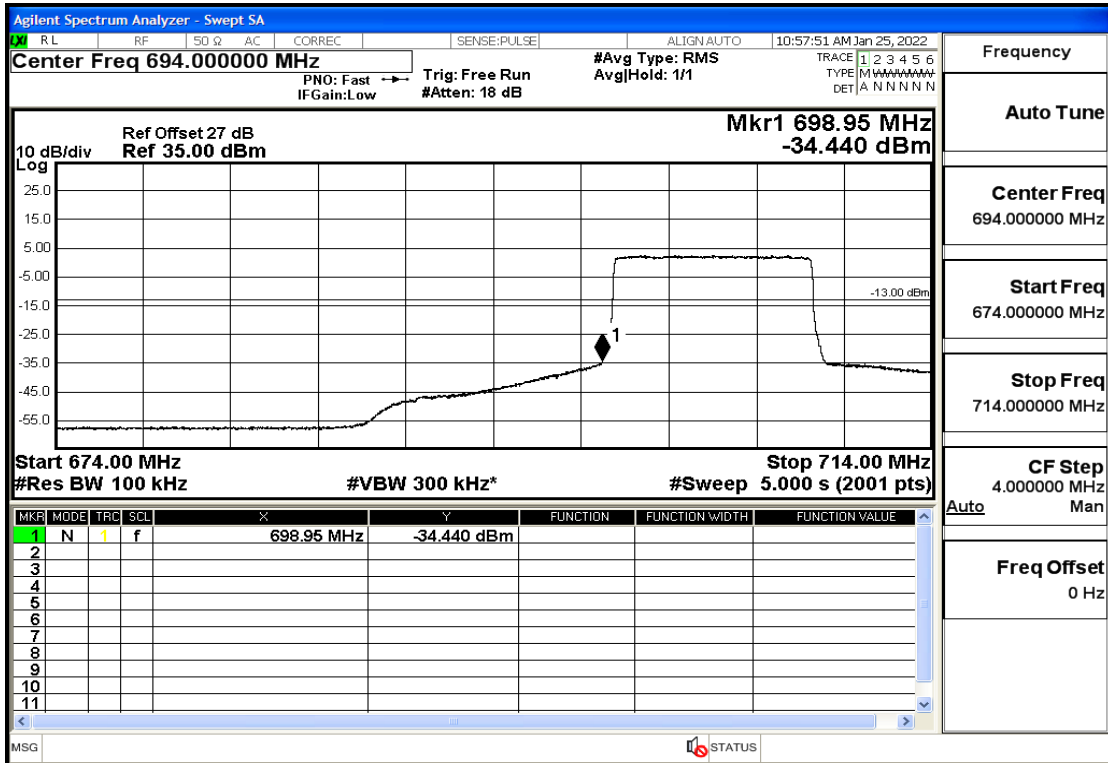
Band12-10-704-QPSK-50#LOW@Pass



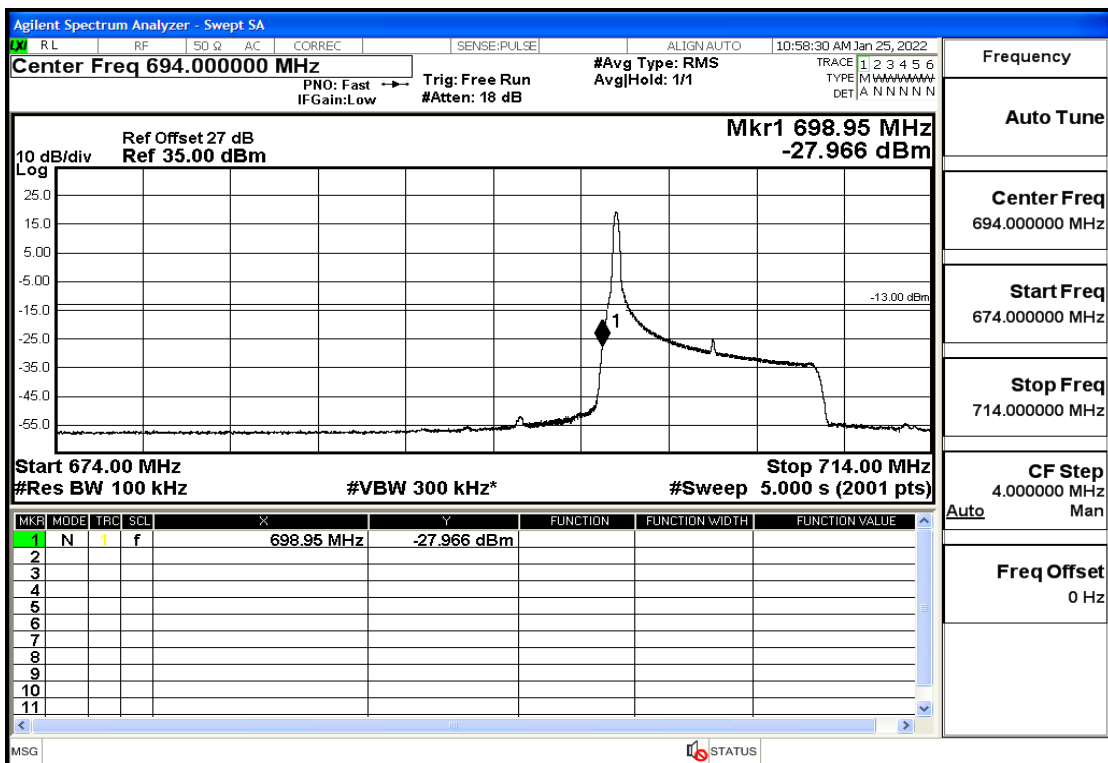
Band12-10-704-QPSK-1#LOW@Pass



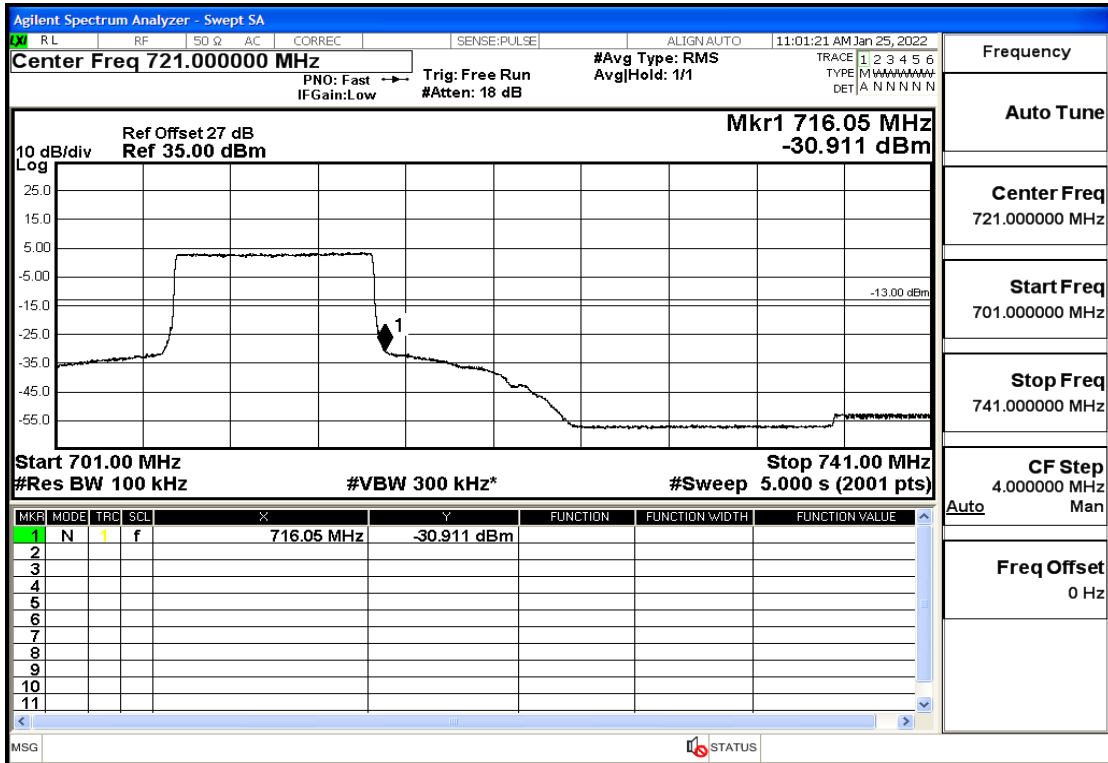
Band12-10-704-16QAM-50#LOW@Pass



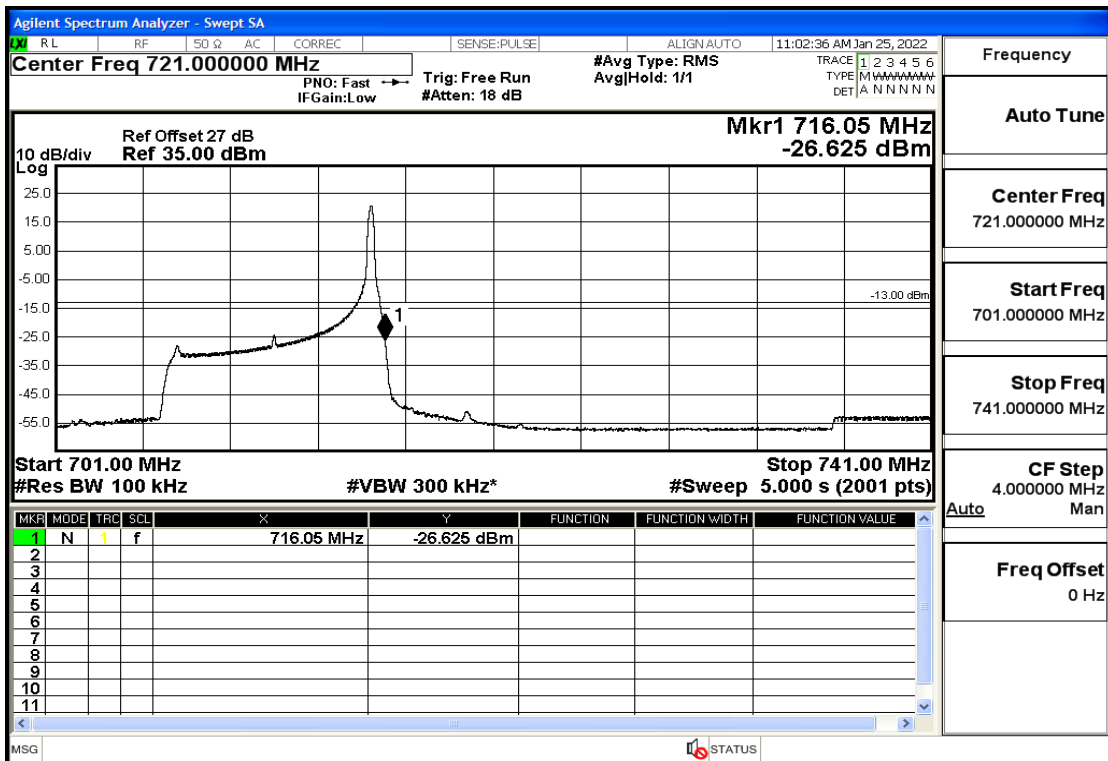
Band12-10-704-16QAM-1#LOW@Pass



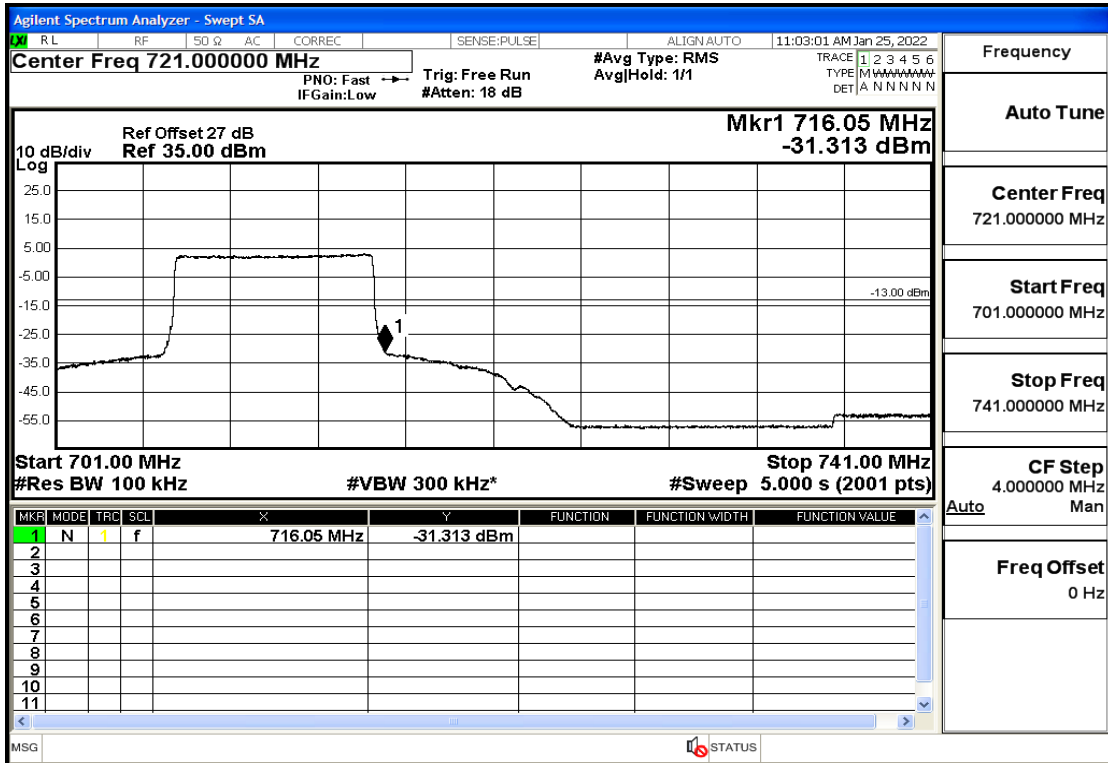
Band12-10-711-QPSK-50#LOW@Pass



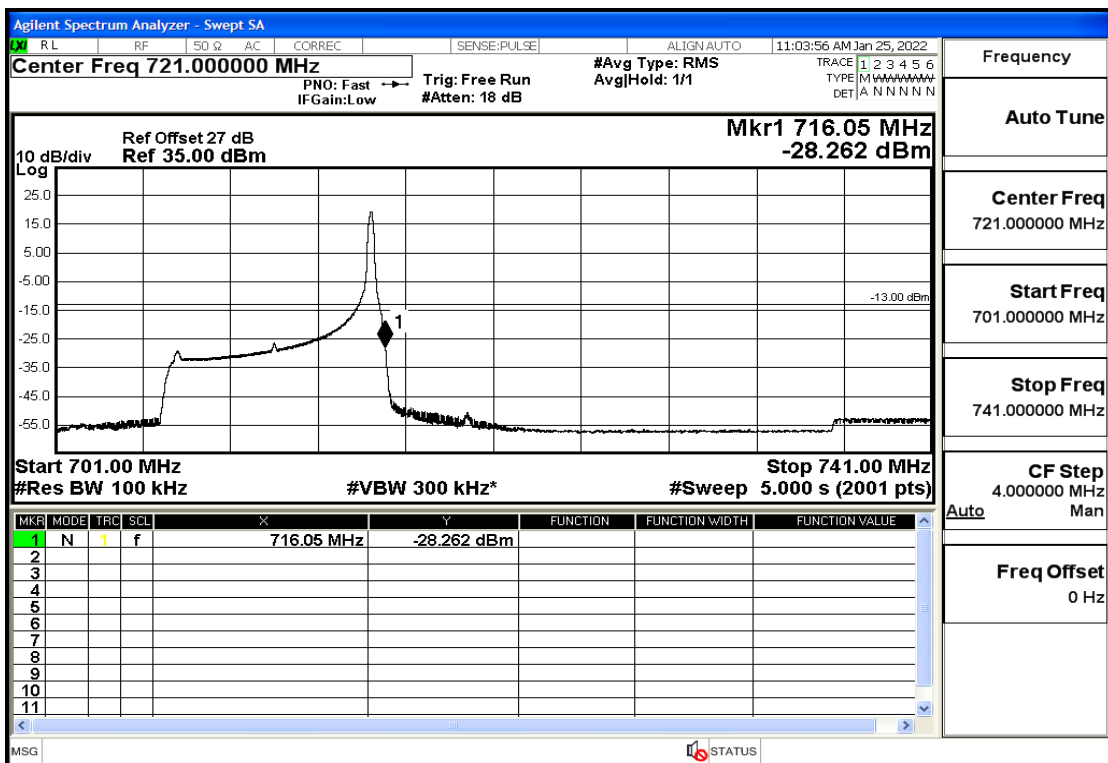
Band12-10-711-QPSK-1#HIGH@Pass



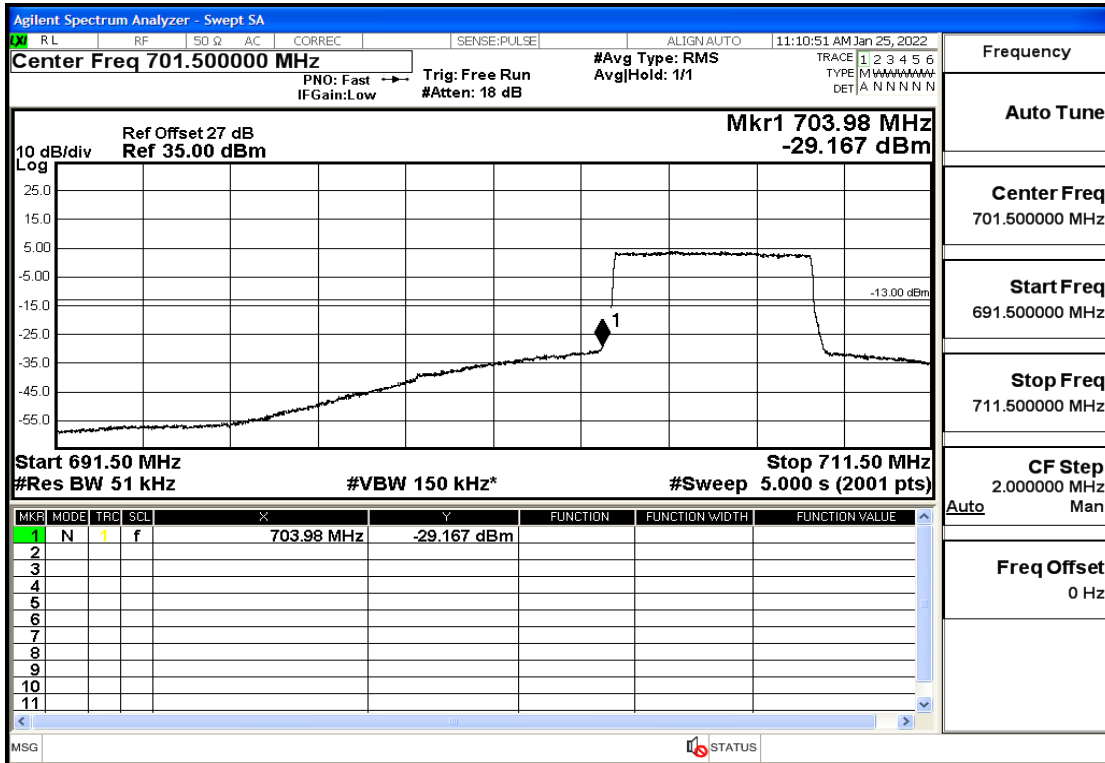
Band12-10-711-16QAM-50#LOW@Pass



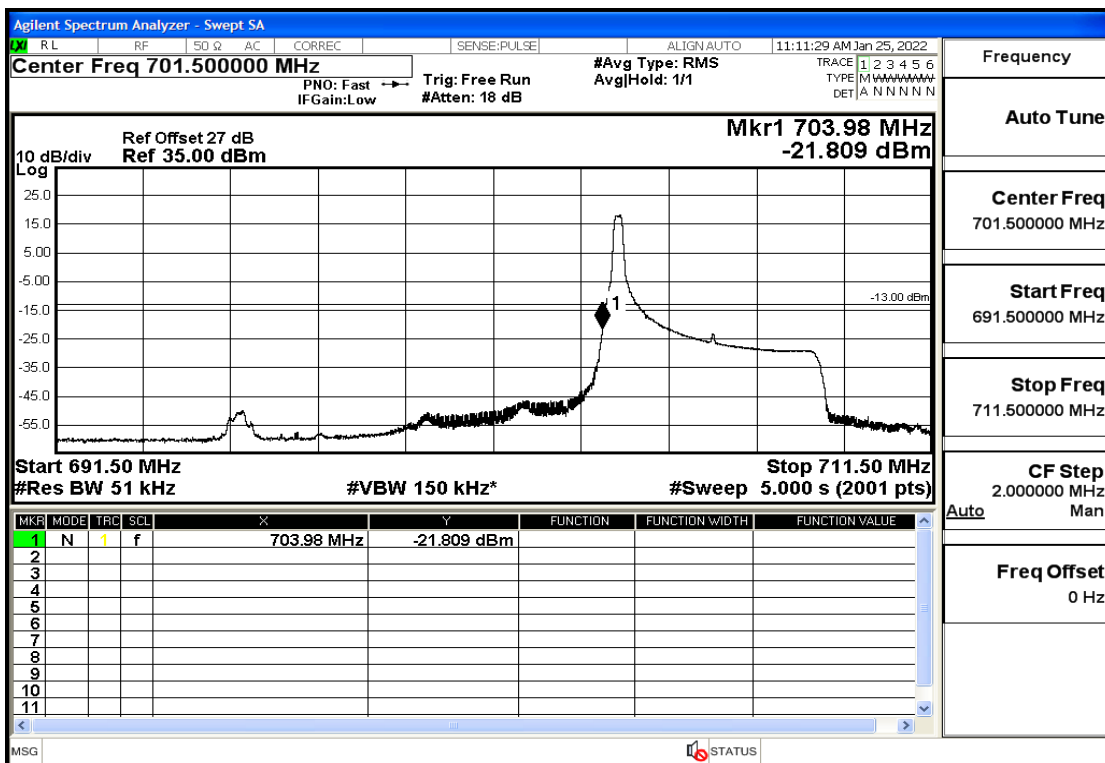
Band12-10-711-16QAM-1#HIGH@Pass



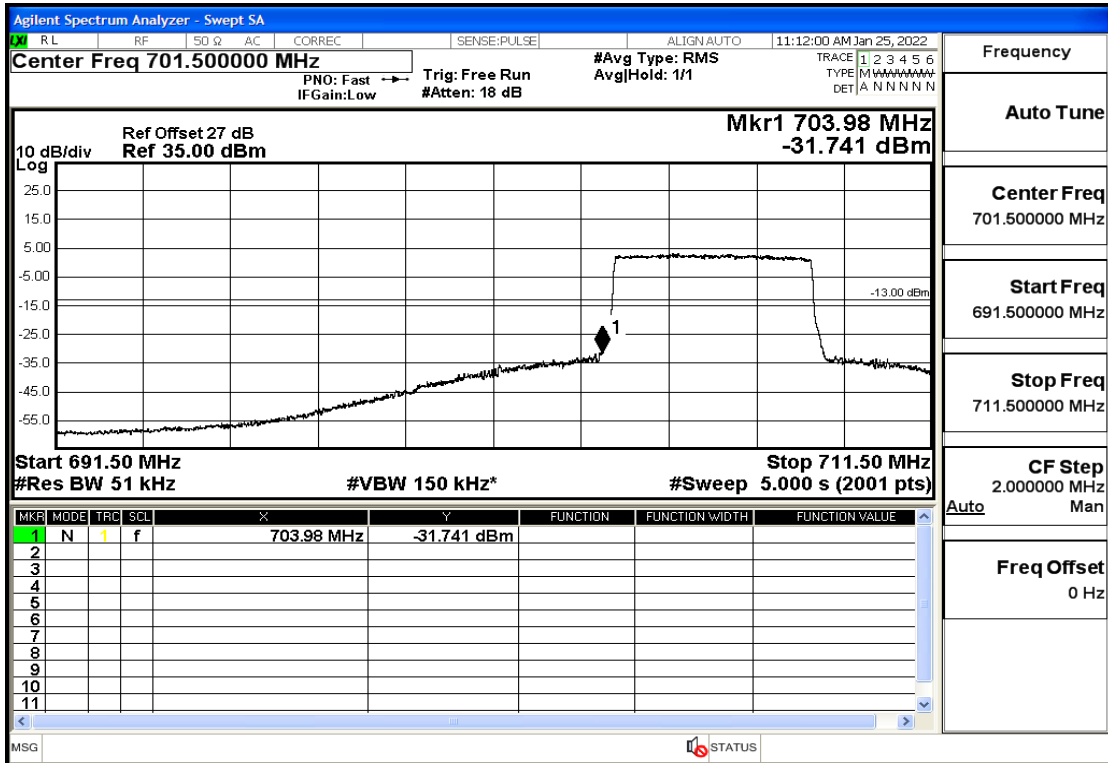
Band17-5-706.5-QPSK-25#LOW@Pass



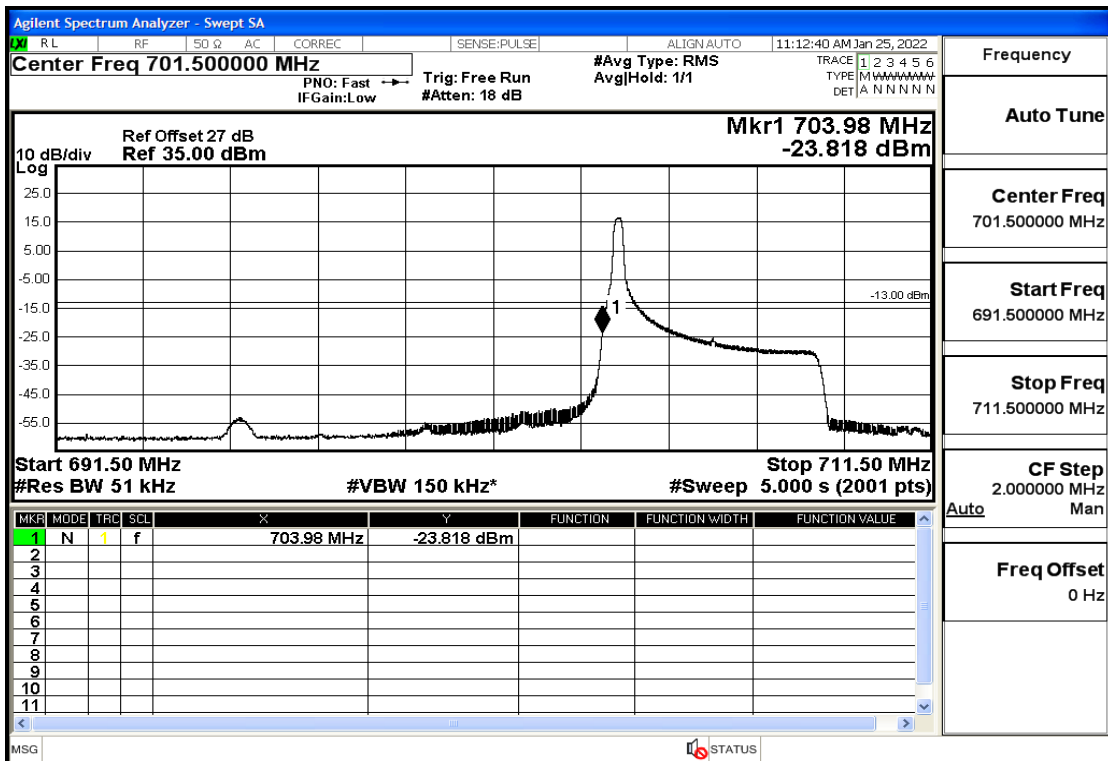
Band17-5-706.5-QPSK-1#LOW@Pass



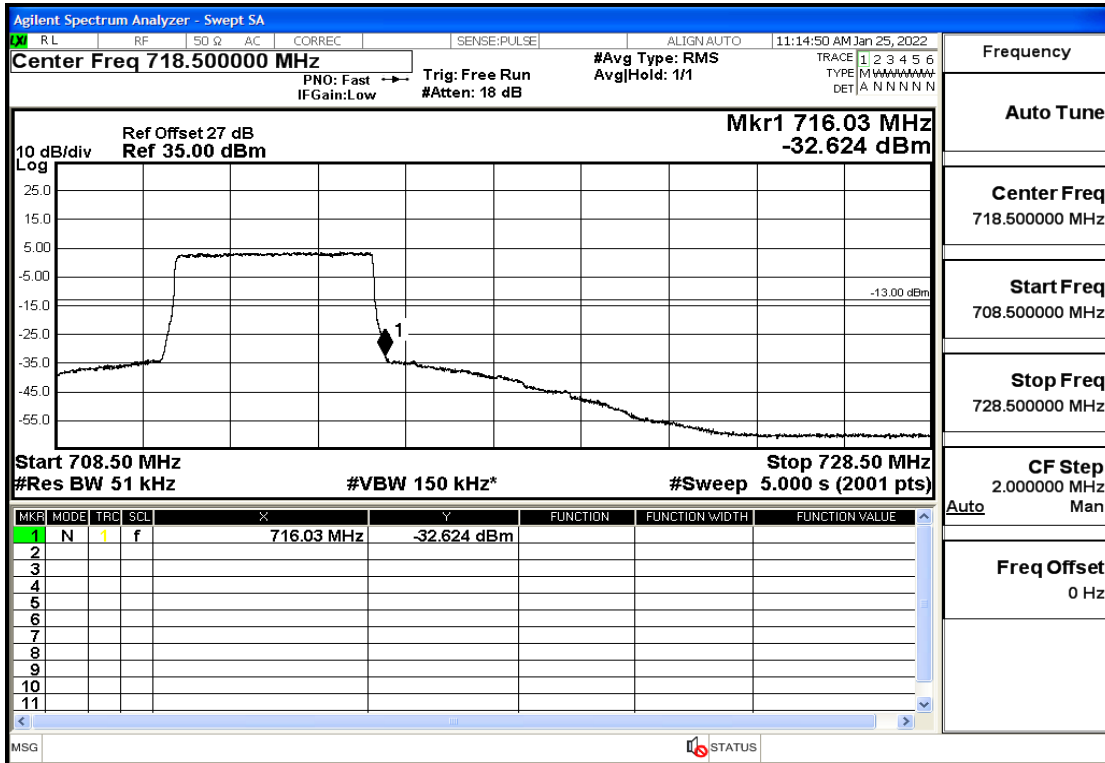
Band17-5-706.5-16QAM-25#LOW@Pass



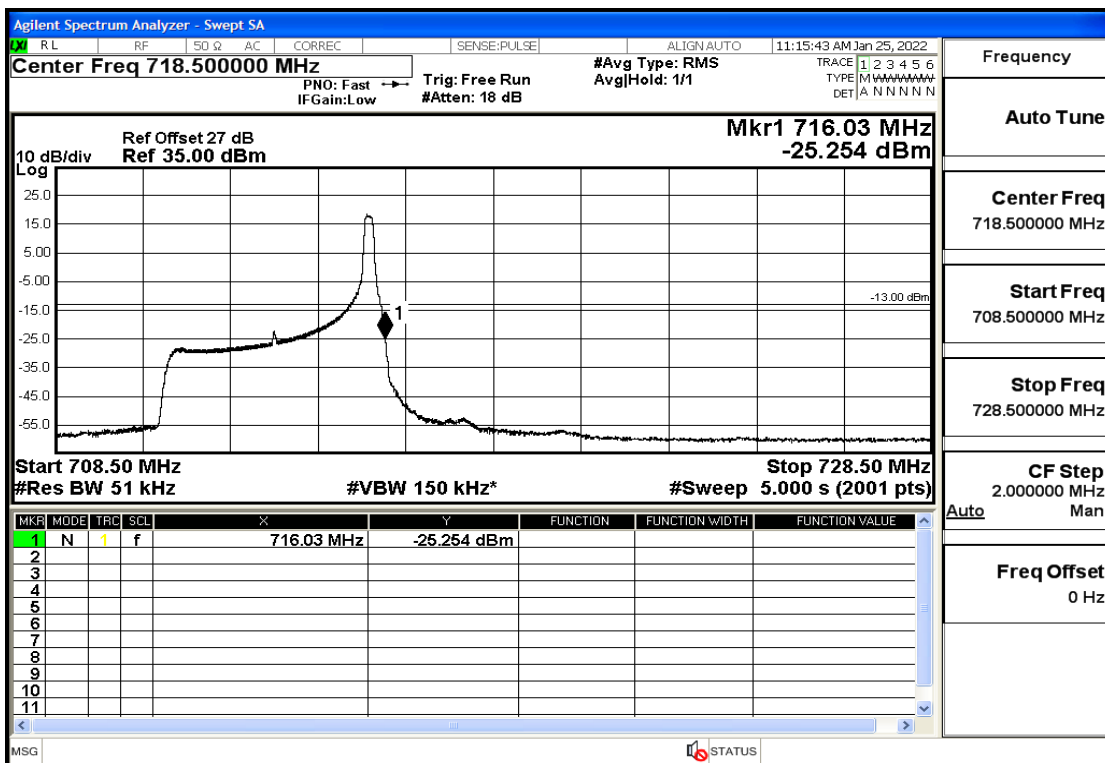
Band17-5-706.5-16QAM-1#LOW@Pass



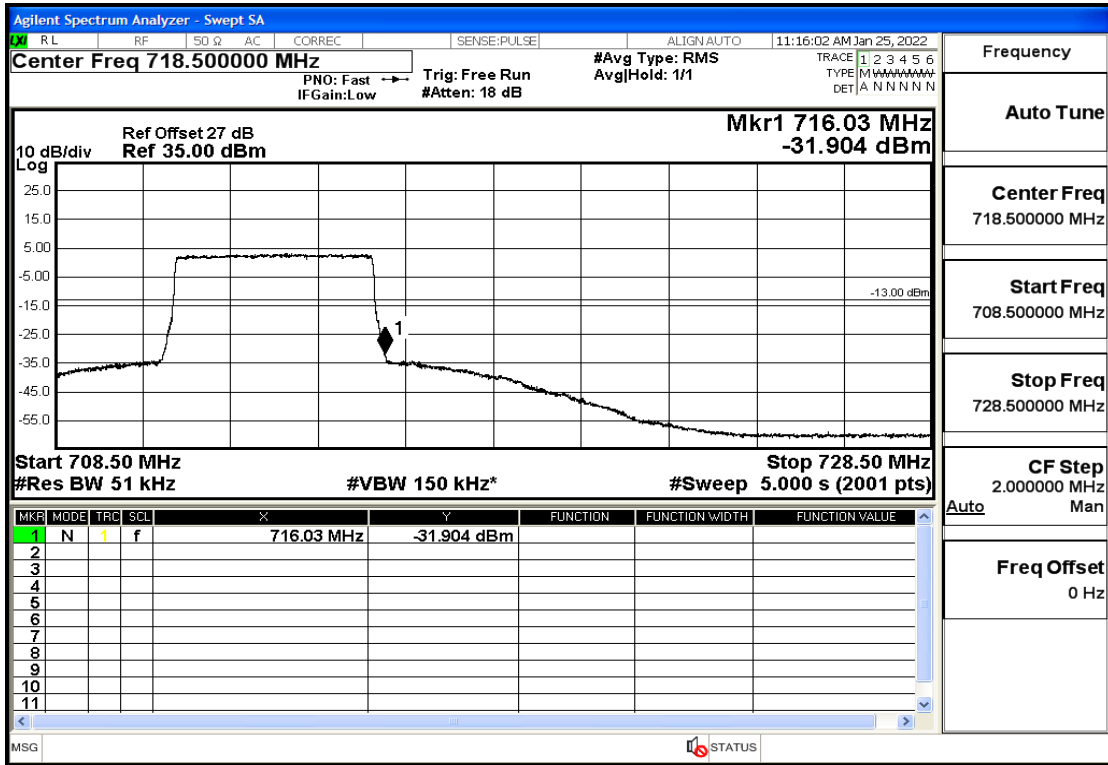
Band17-5-713.5-QPSK-25#LOW@Pass



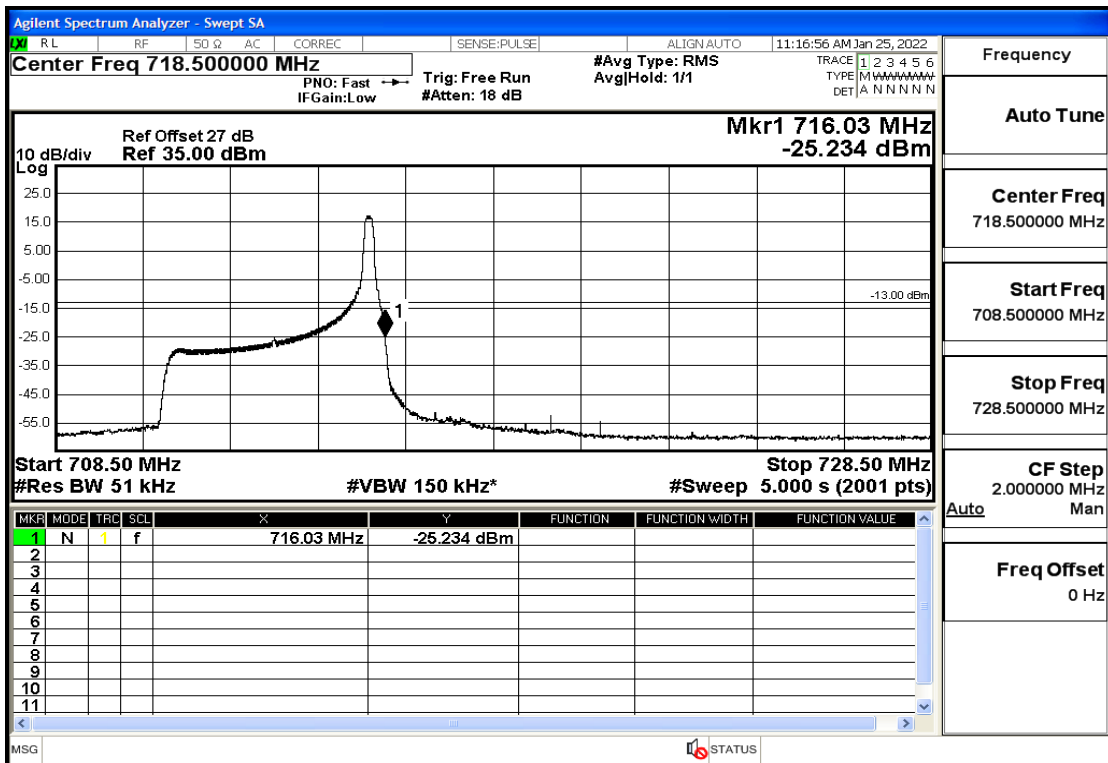
Band17-5-713.5-QPSK-1#HIGH@Pass



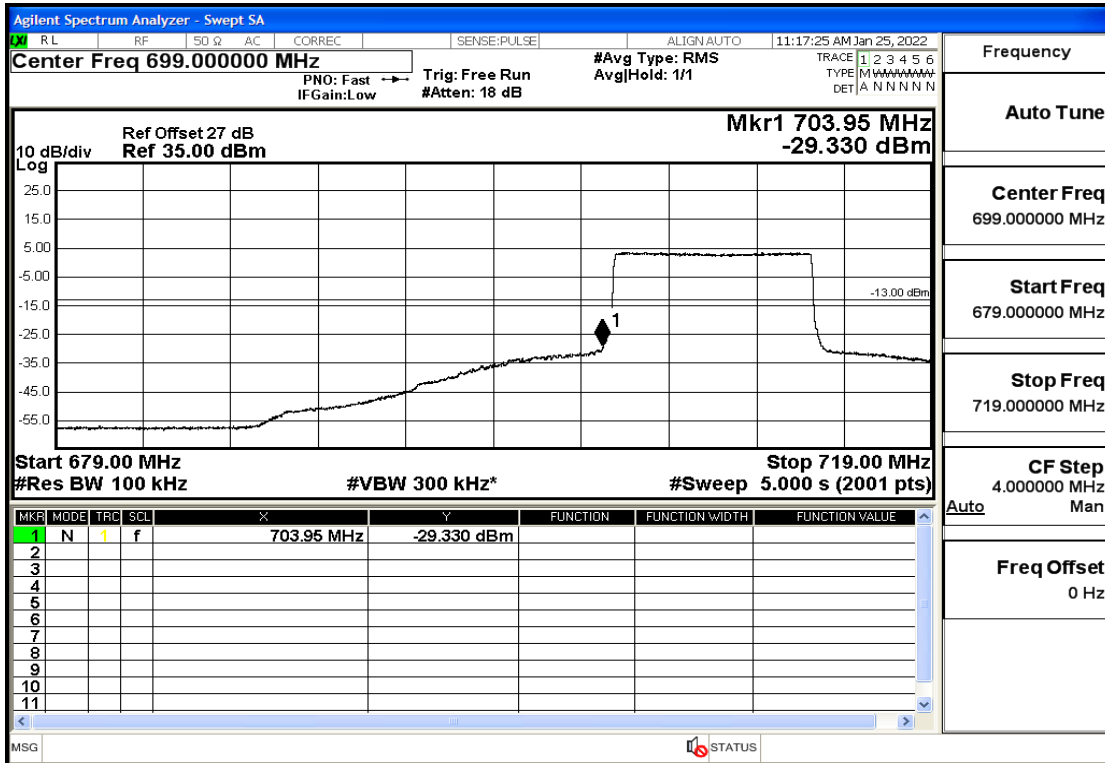
Band17-5-713.5-16QAM-25#LOW@Pass



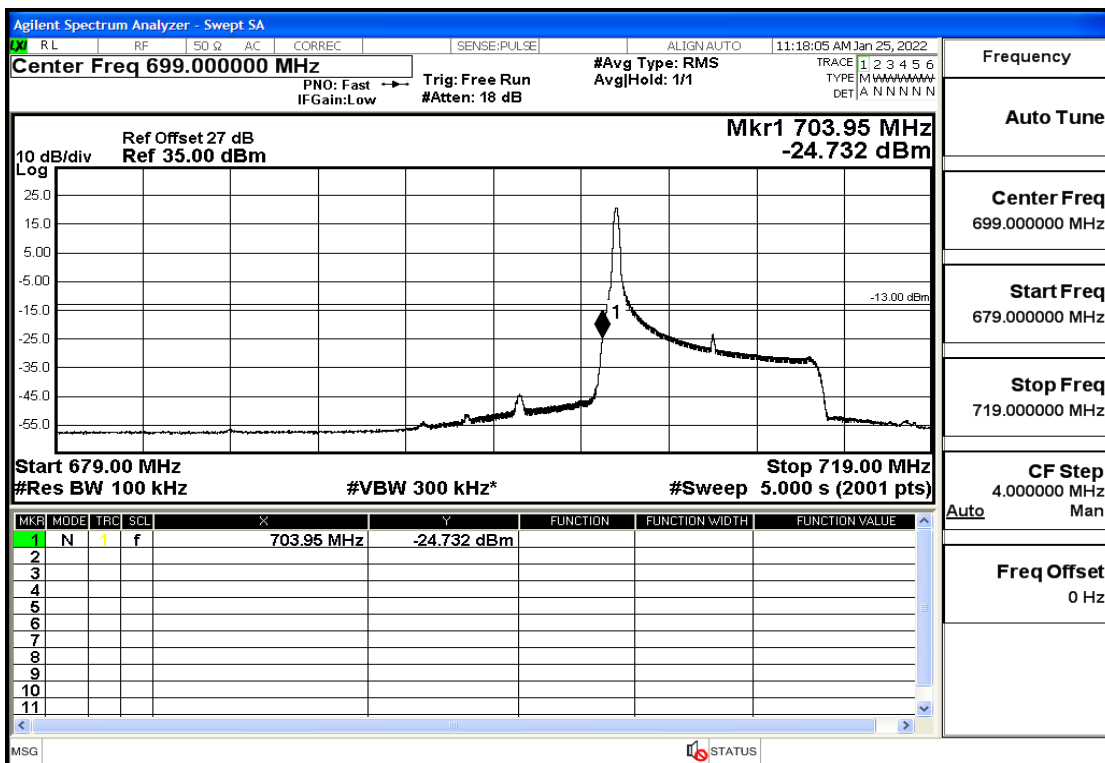
Band17-5-713.5-16QAM-1#HIGH@Pass



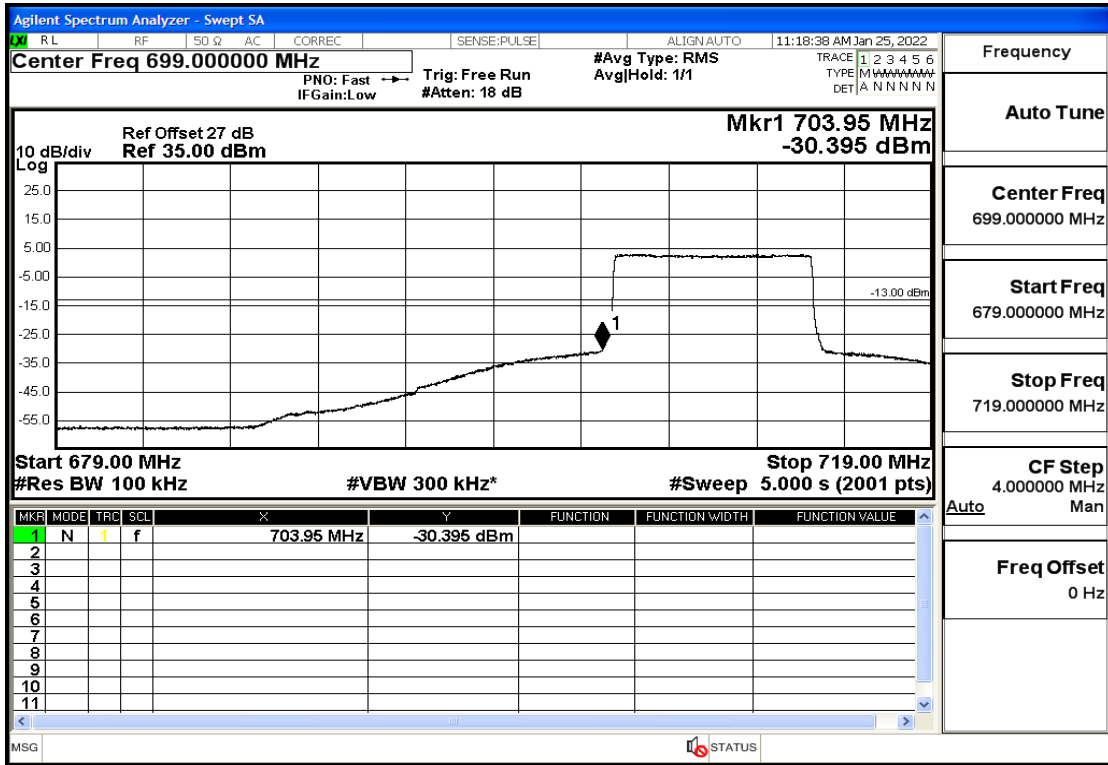
Band17-10-709-QPSK-50#LOW@Pass



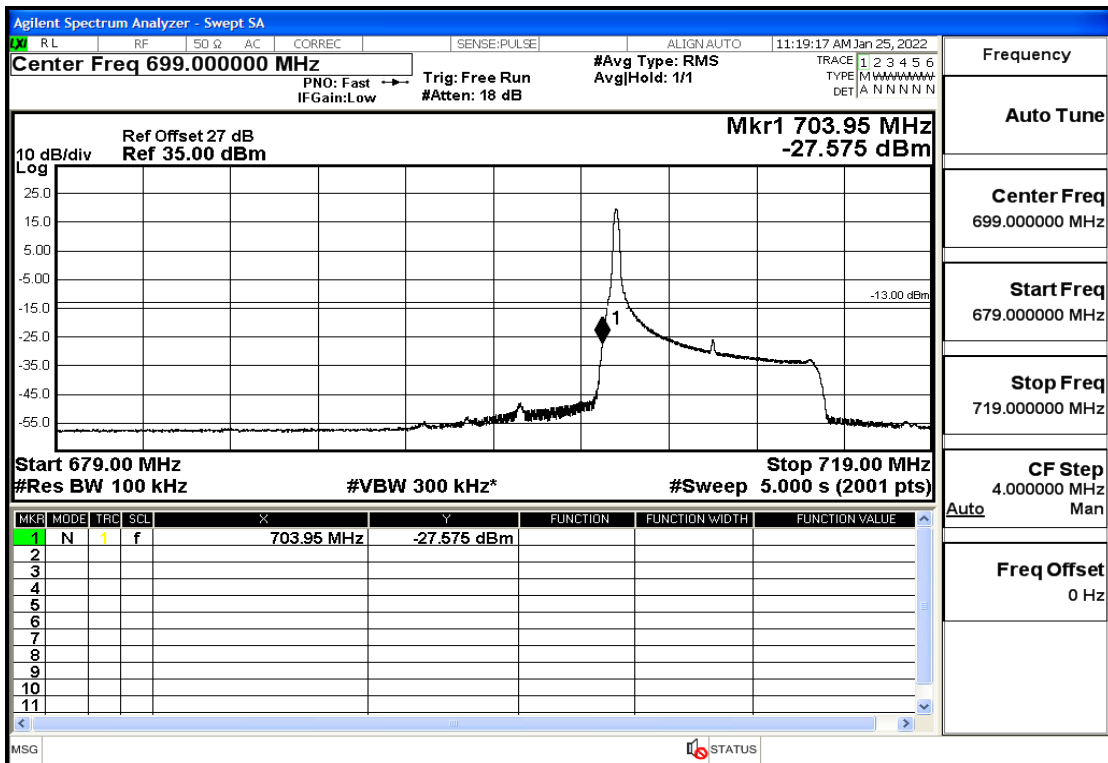
Band17-10-709-QPSK-1#LOW@Pass



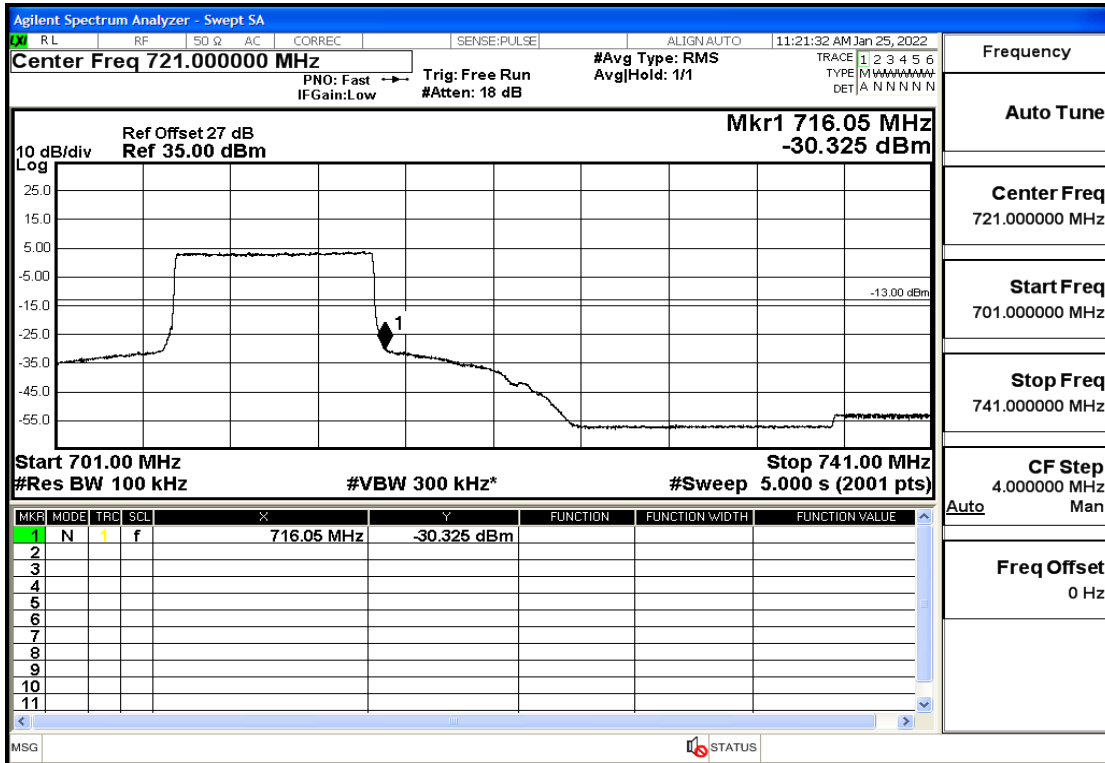
Band17-10-709-16QAM-50#LOW@Pass



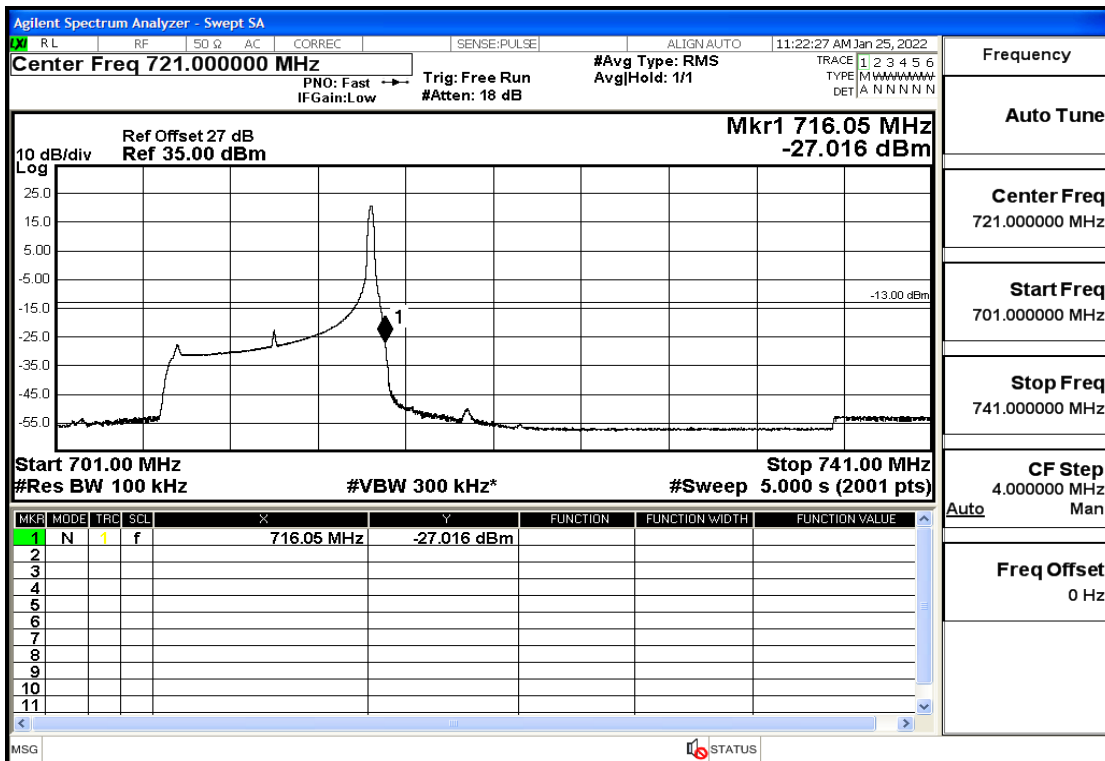
Band17-10-709-16QAM-1#LOW@Pass



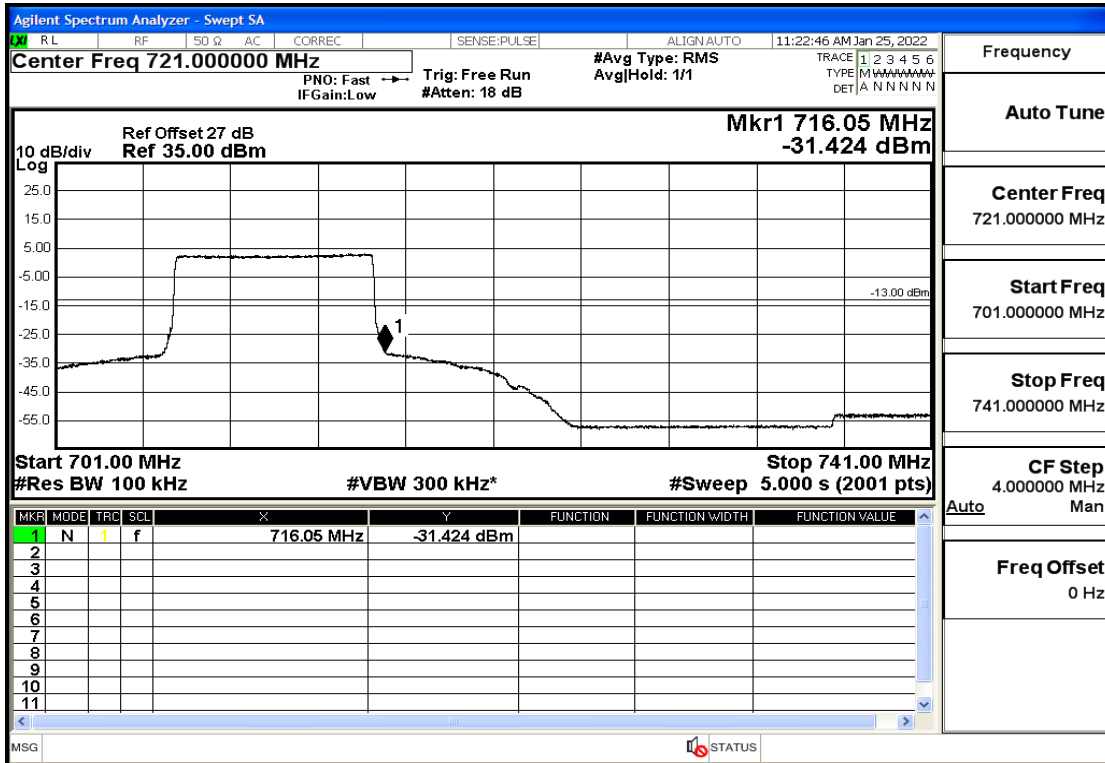
Band17-10-711-QPSK-50#LOW@Pass



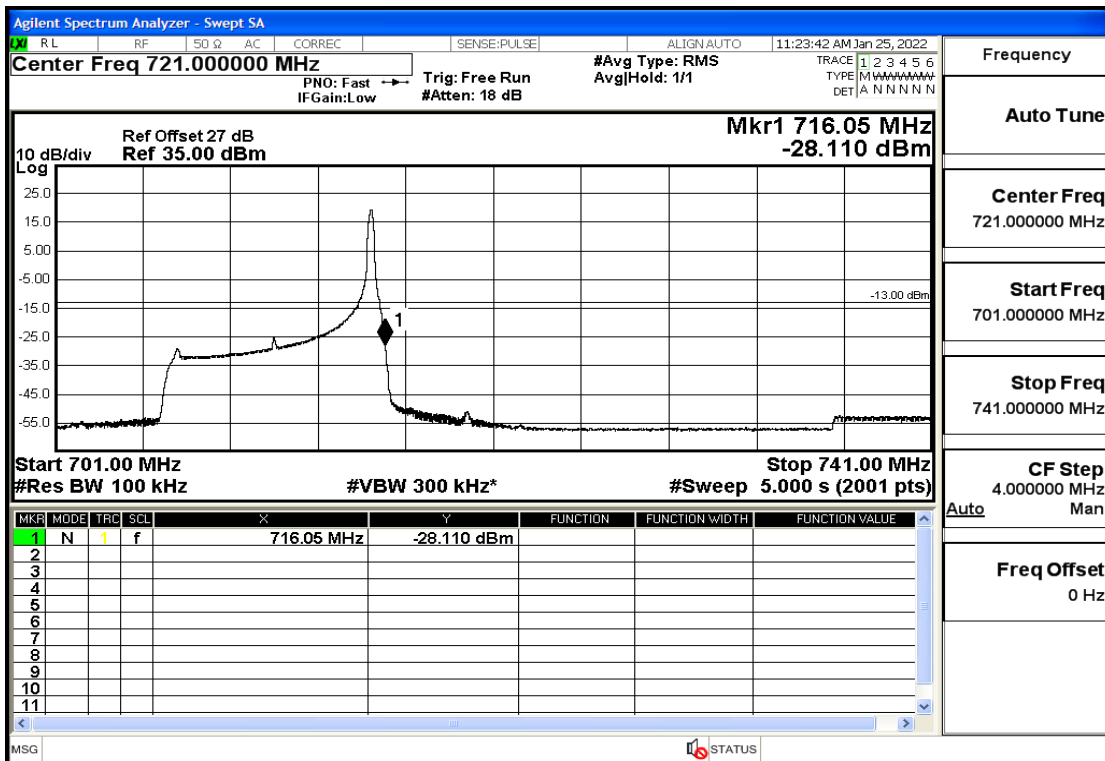
Band17-10-711-QPSK-1#HIGH@Pass



Band17-10-711-16QAM-50#LOW@Pass



Band17-10-711-16QAM-1#HIGH@Pass

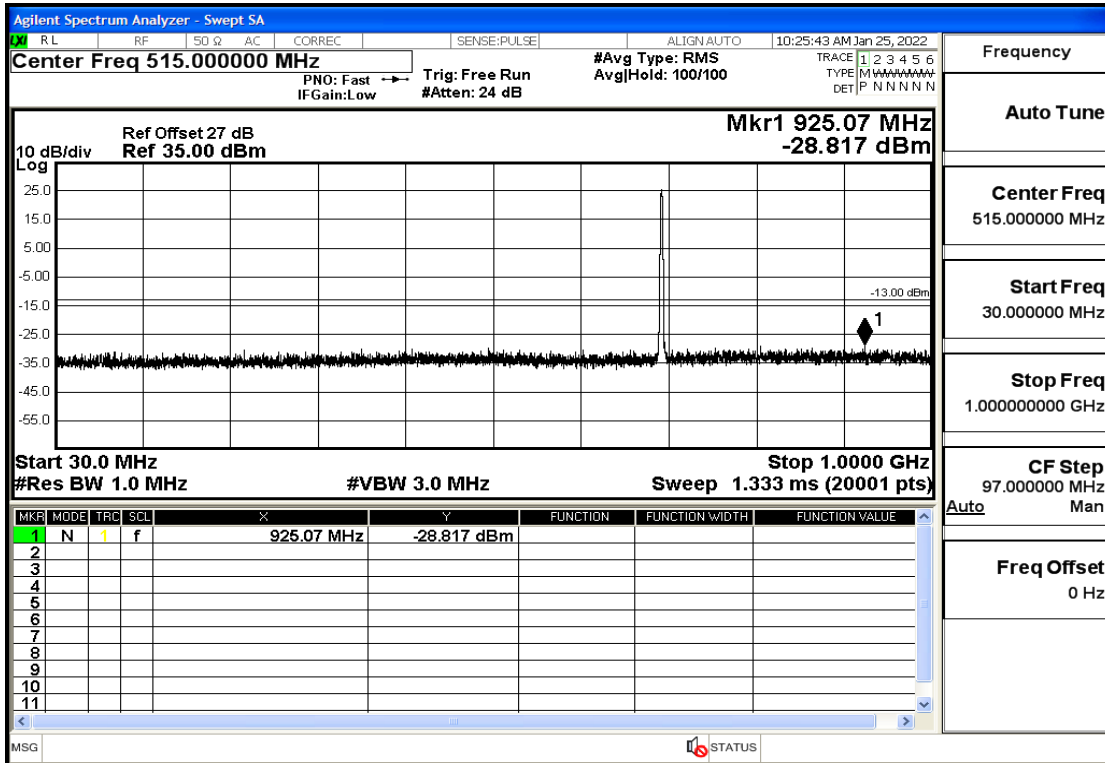


Conducted Spurious Emission

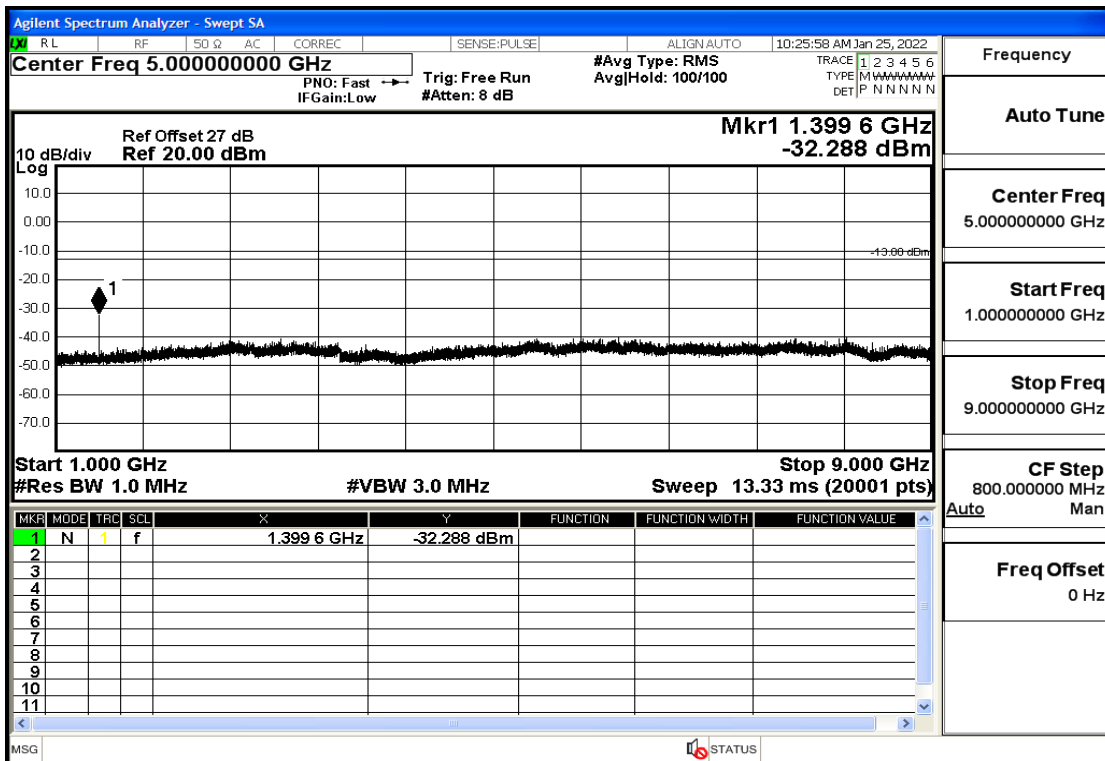
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB12	1.4	699.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	699.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	715.3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

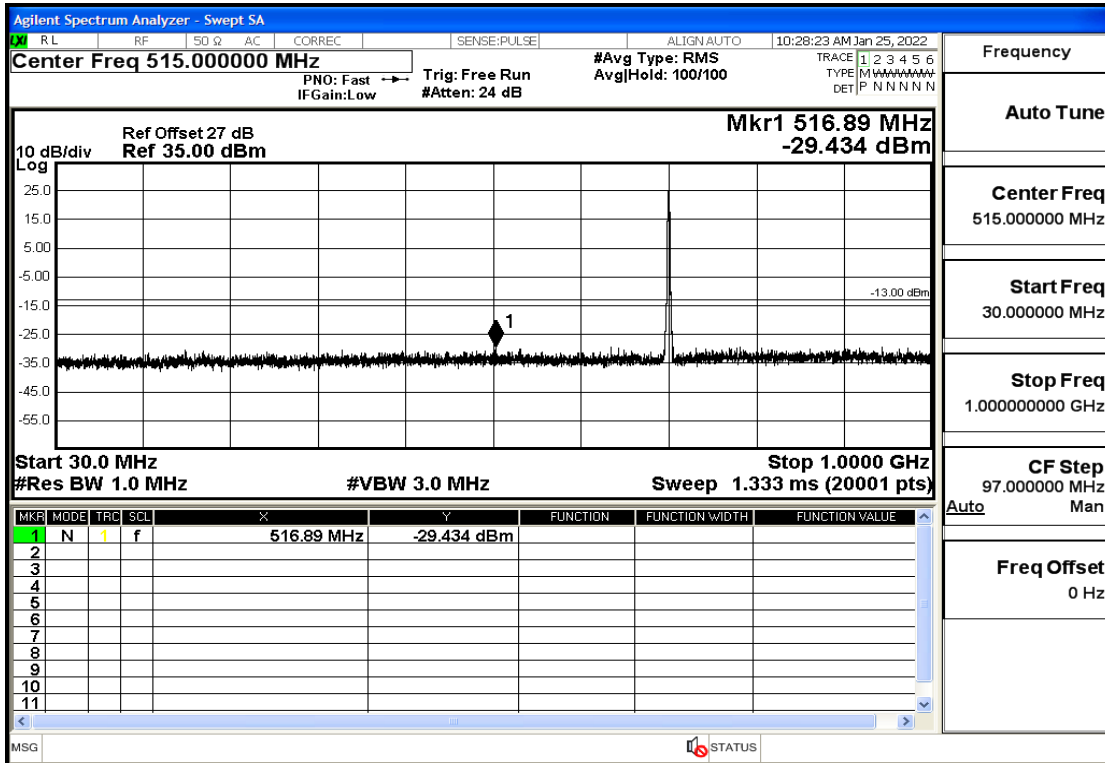
OB12-1.4-699.7-QPSK-6#LOW@30mHz-1GHz@Pass



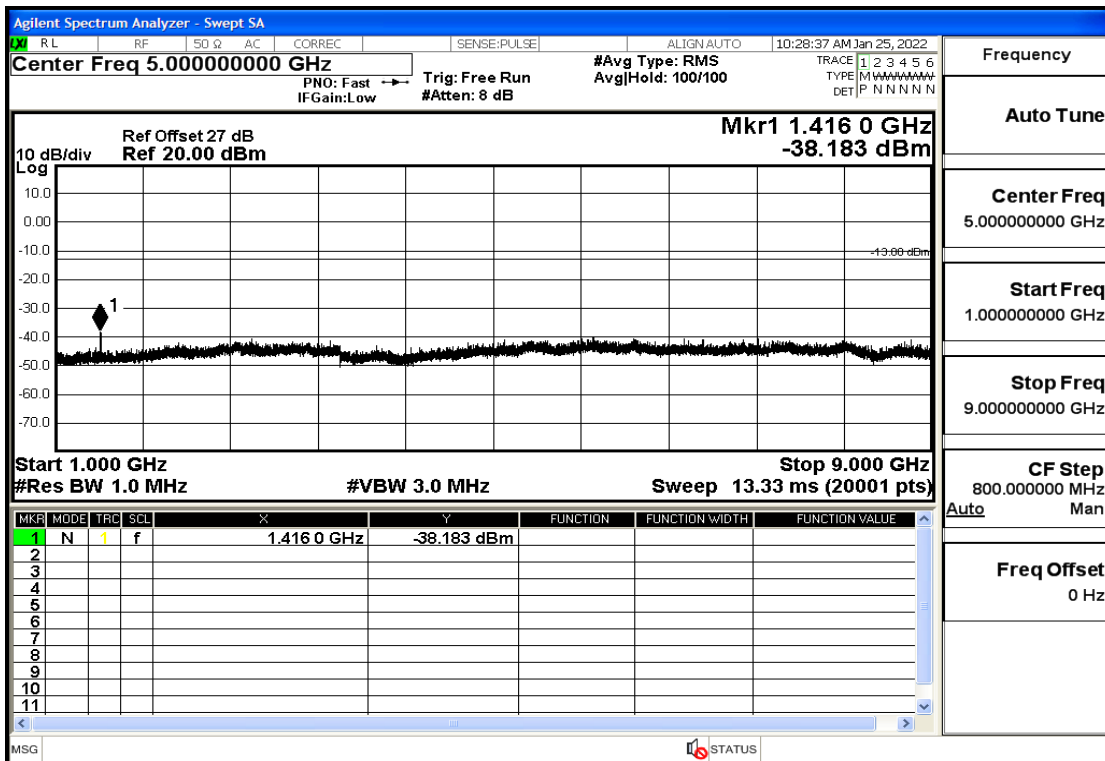
OB12-1.4-699.7-QPSK-6#LOW@1GHz-9GHz@Pass



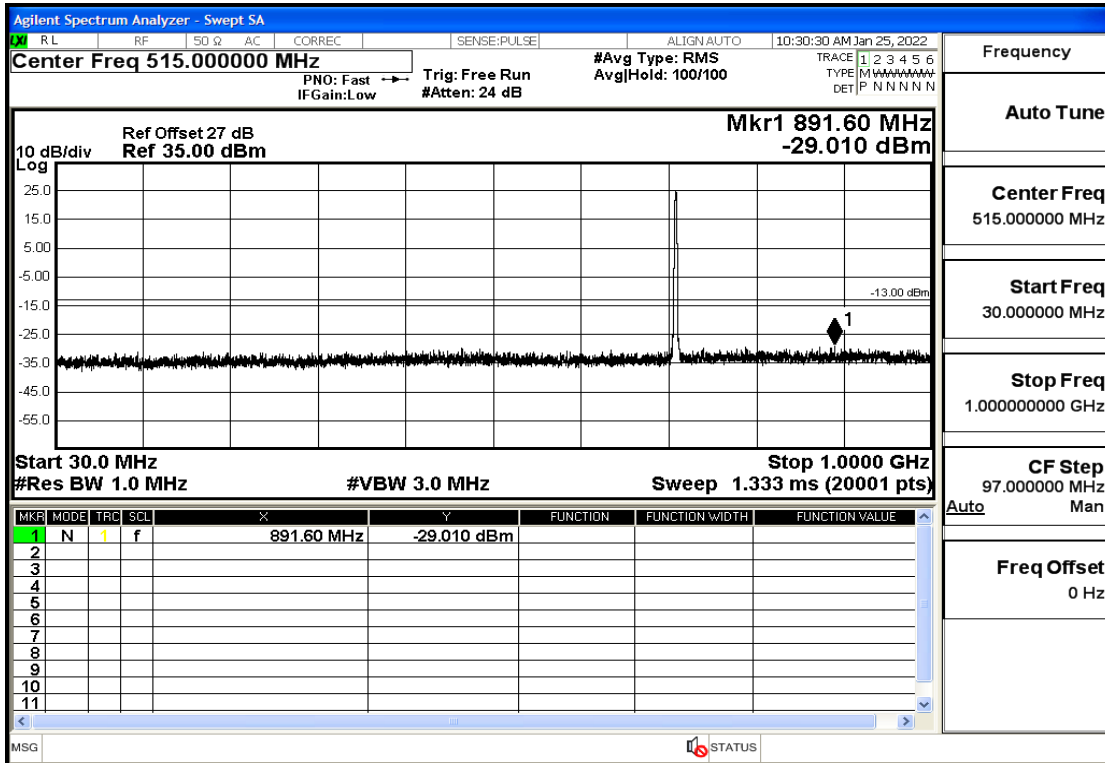
OB12-1.4-707.5-QPSK-6#LOW@30mHz-1GHz@Pass



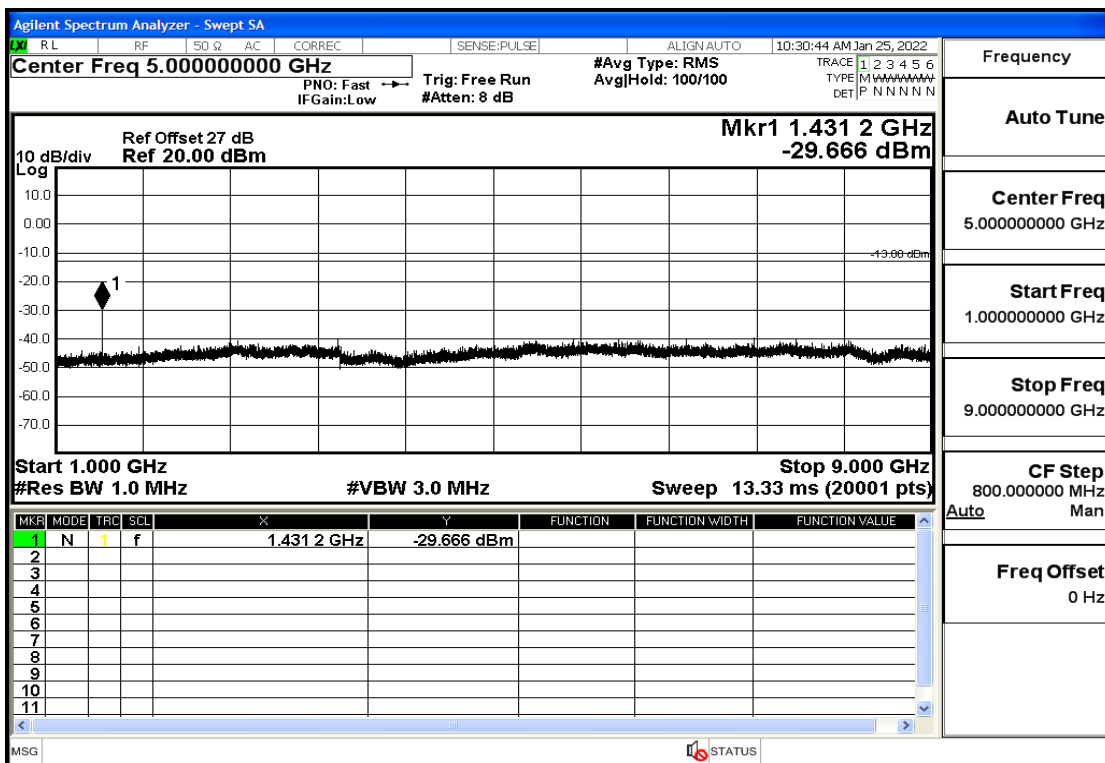
OB12-1.4-707.5-QPSK-6#LOW@1GHz-9GHz@Pass



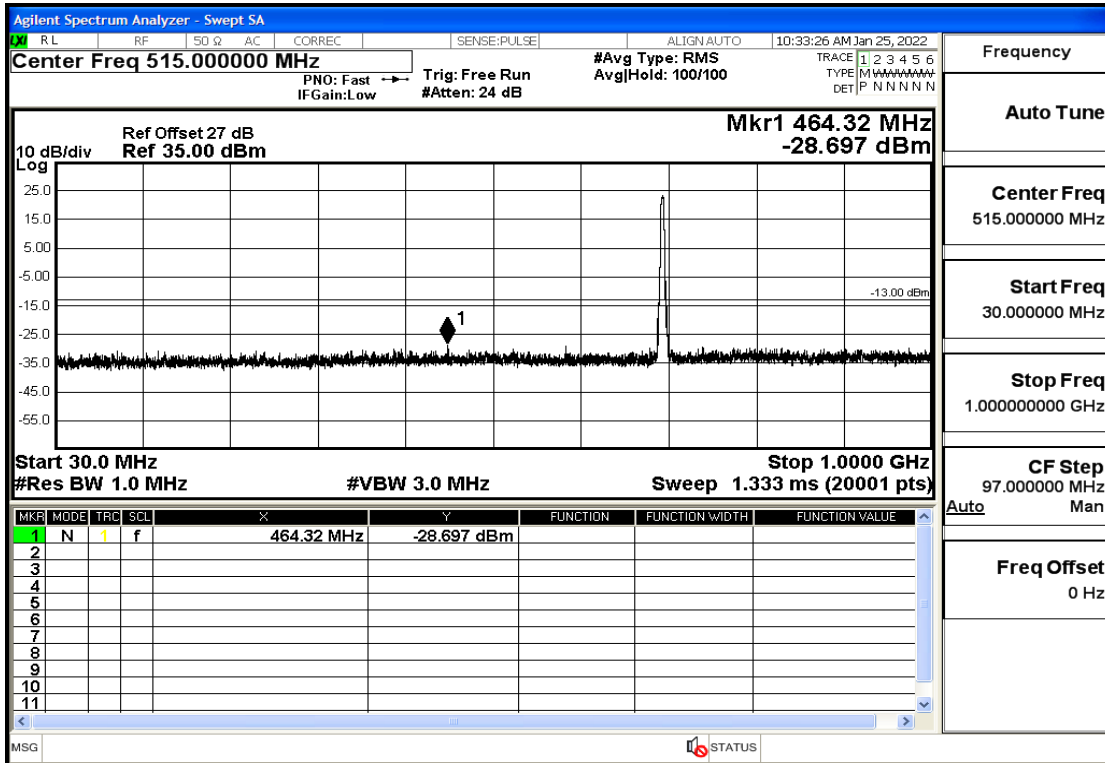
OB12-1.4-715.3-QPSK-6#LOW@30mHz-1GHz@Pass



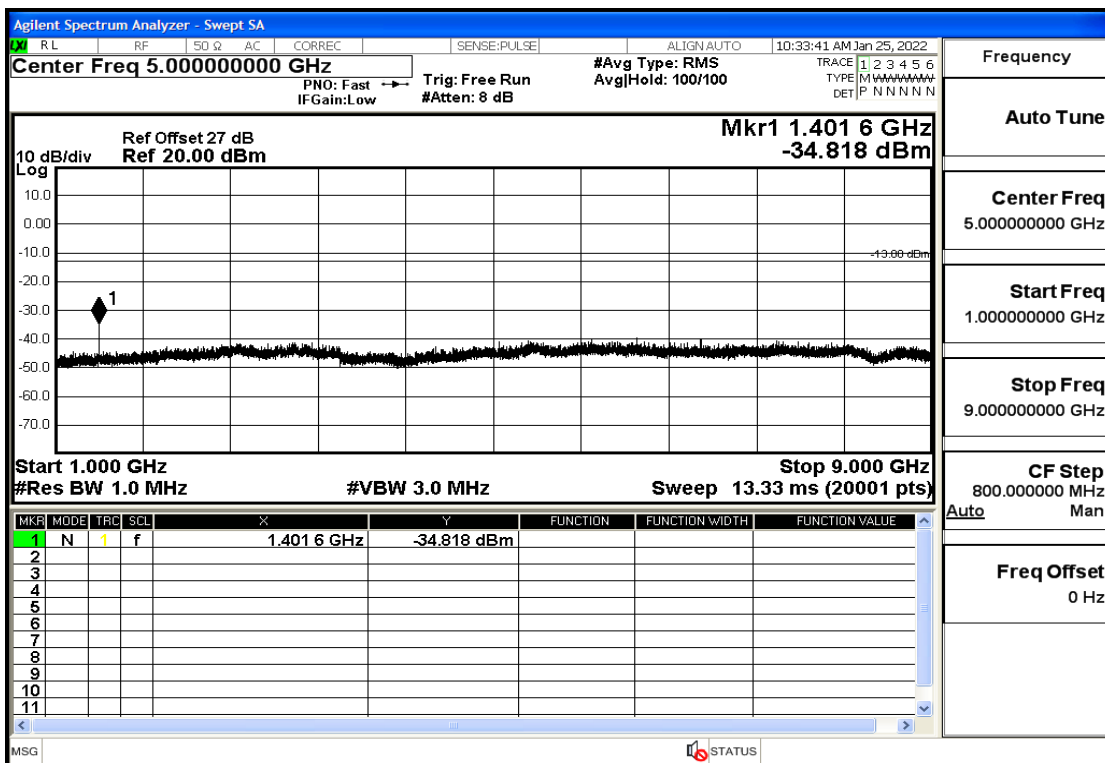
OB12-1.4-715.3-QPSK-6#LOW@1GHz-9GHz@Pass



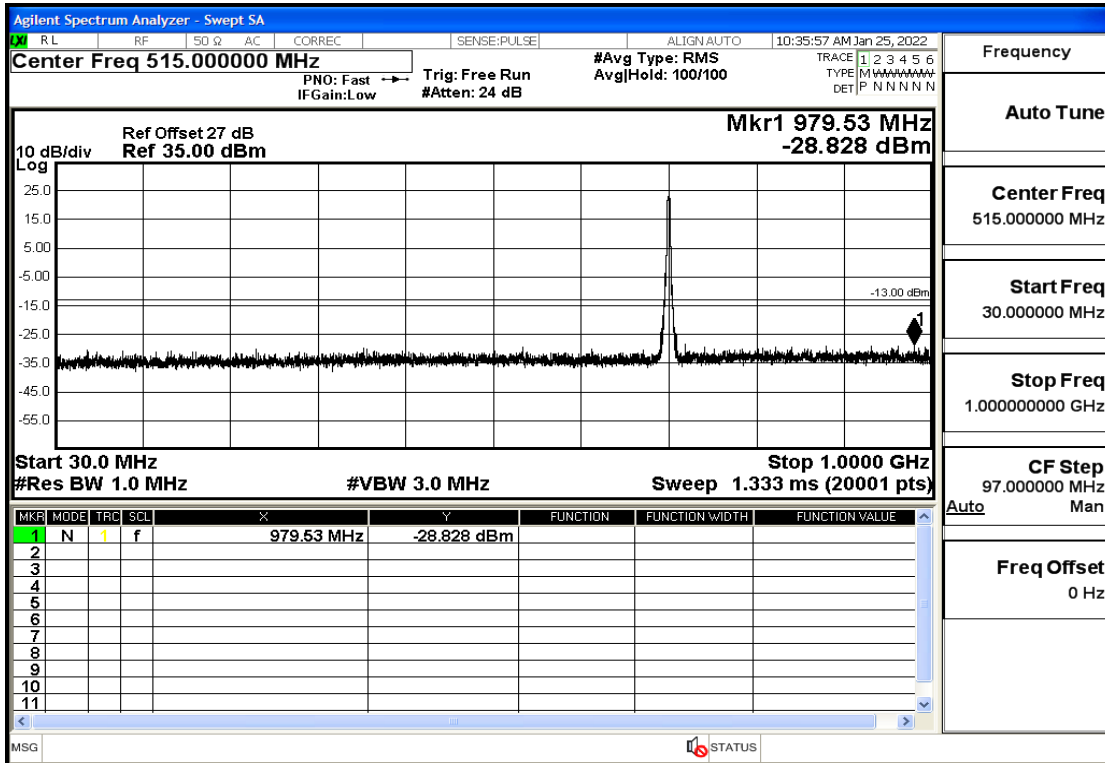
OB12-3-700.5-QPSK-15#LOW@30mHz-1GHz@Pass



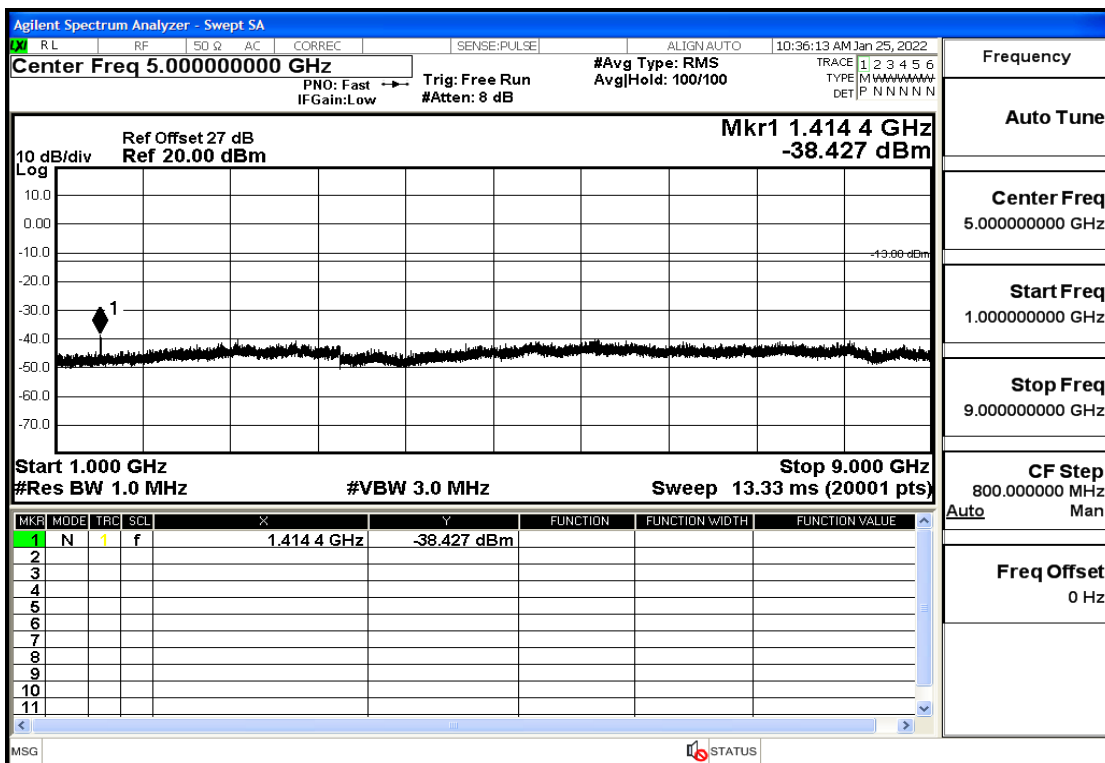
OB12-3-700.5-QPSK-15#LOW@1GHz-9GHz@Pass



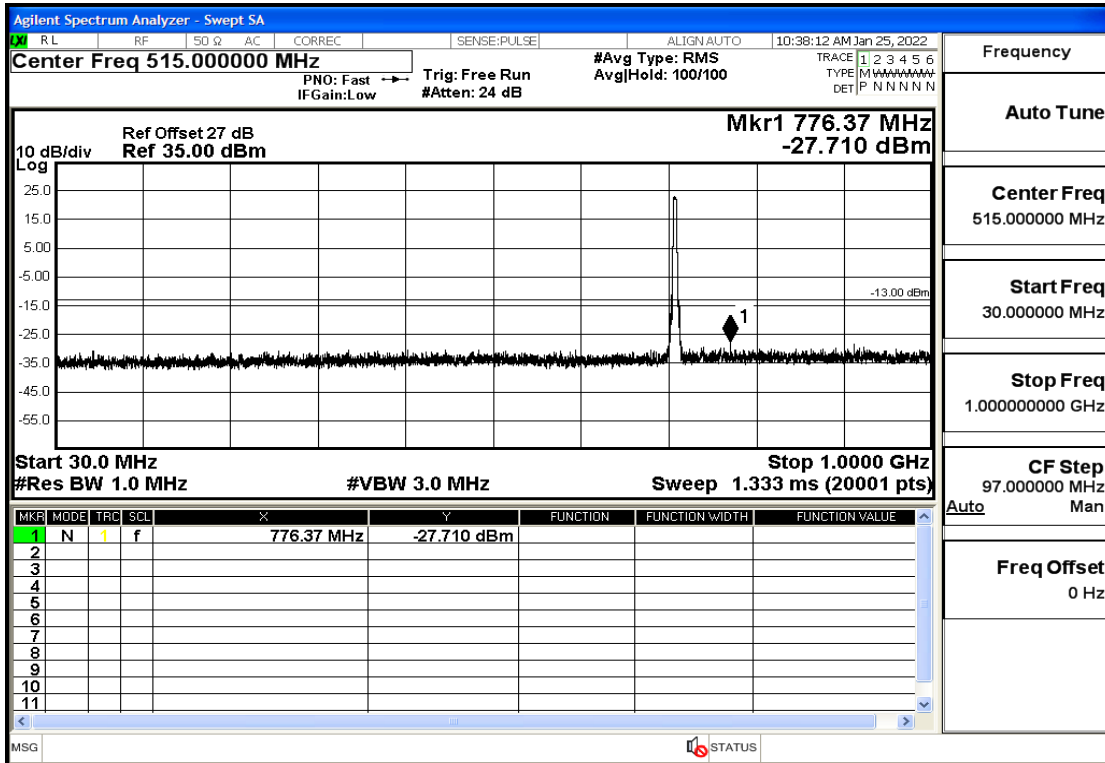
OB12-3-707.5-QPSK-15#LOW@30mHz-1GHz@Pass



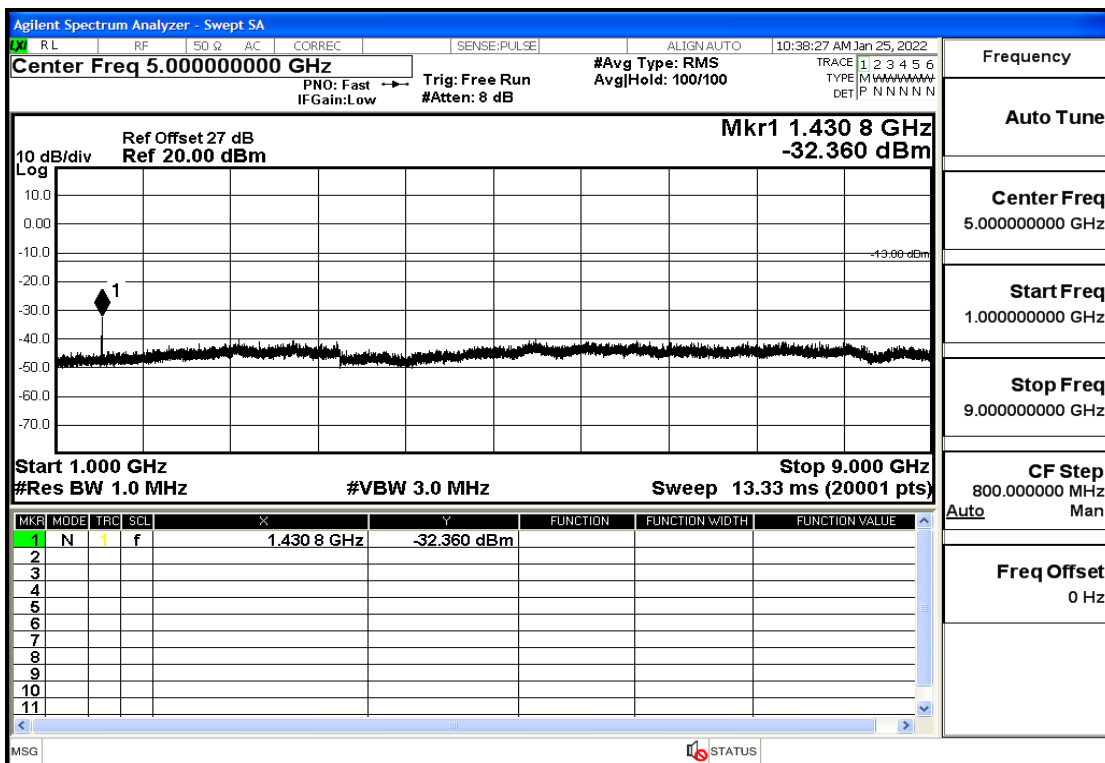
OB12-3-707.5-QPSK-15#LOW@1GHz-9GHz@Pass



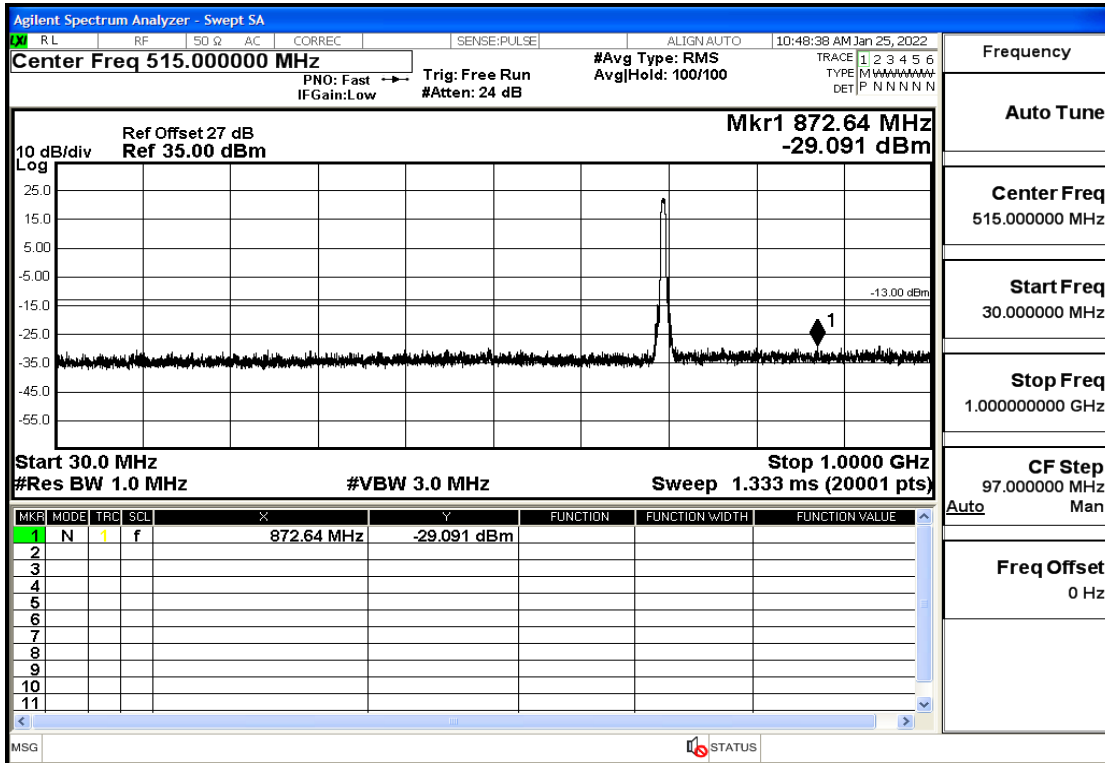
OB12-3-714.5-QPSK-15#LOW@30mHz-1GHz@Pass



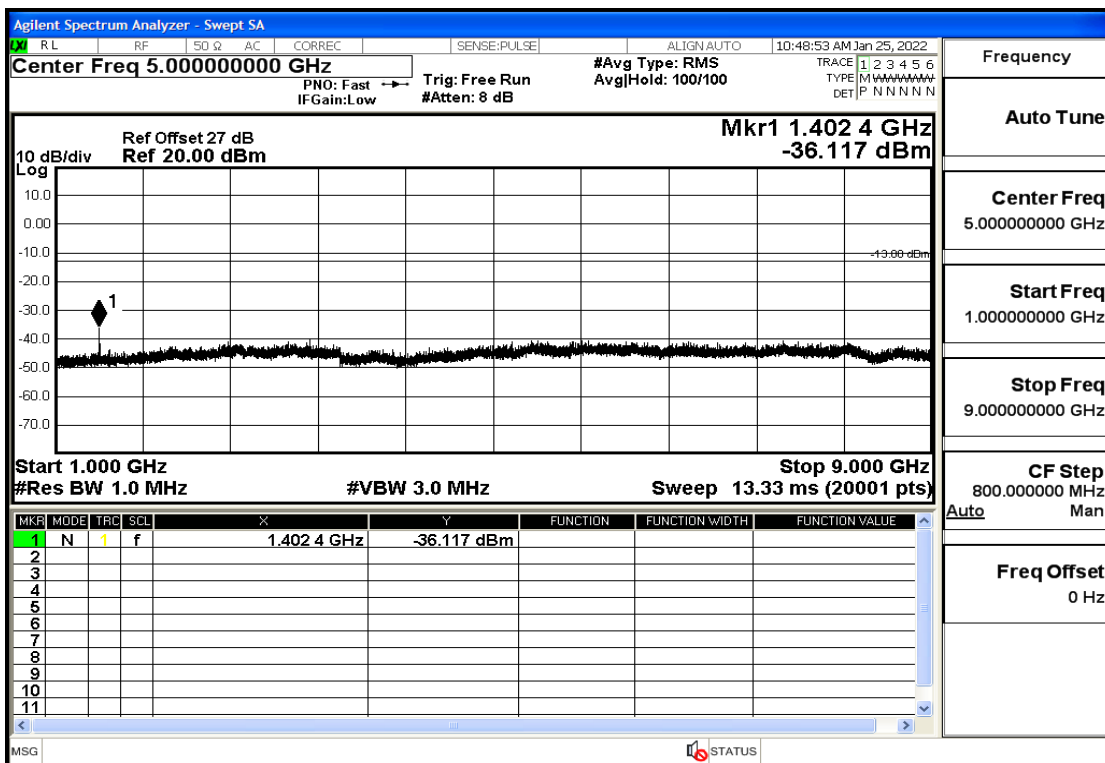
OB12-3-714.5-QPSK-15#LOW@1GHz-9GHz@Pass



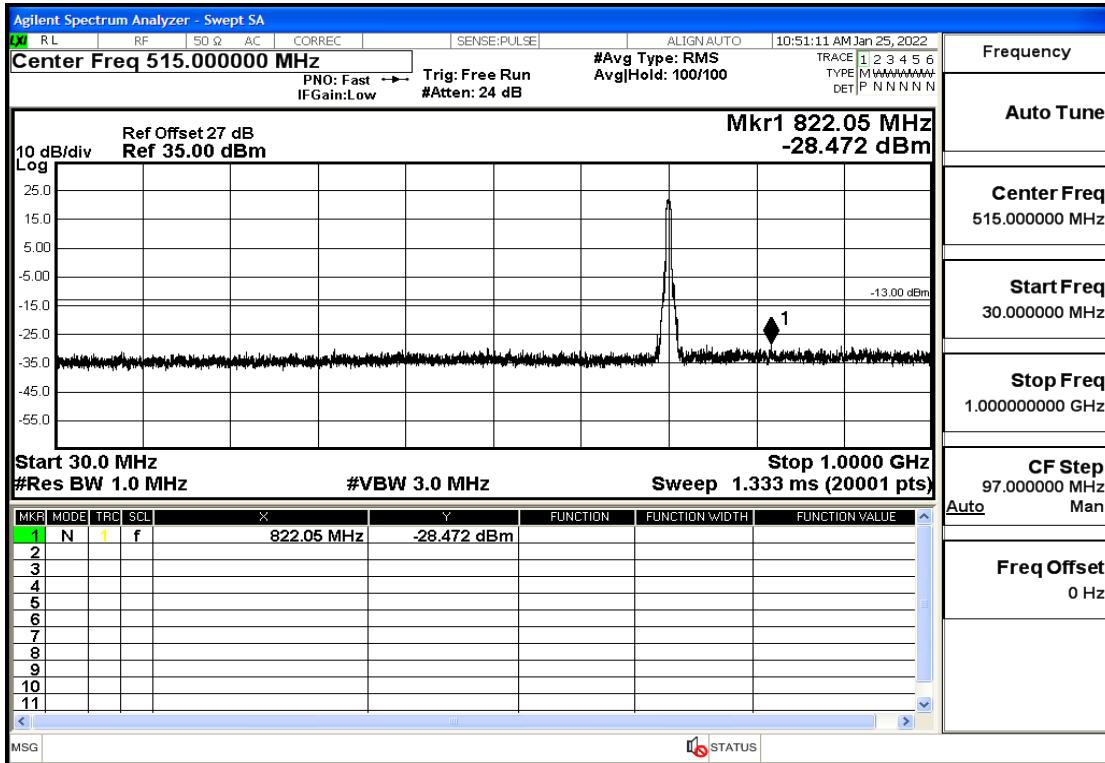
OB12-5-701.5-QPSK-25#LOW@30mHz-1GHz@Pass



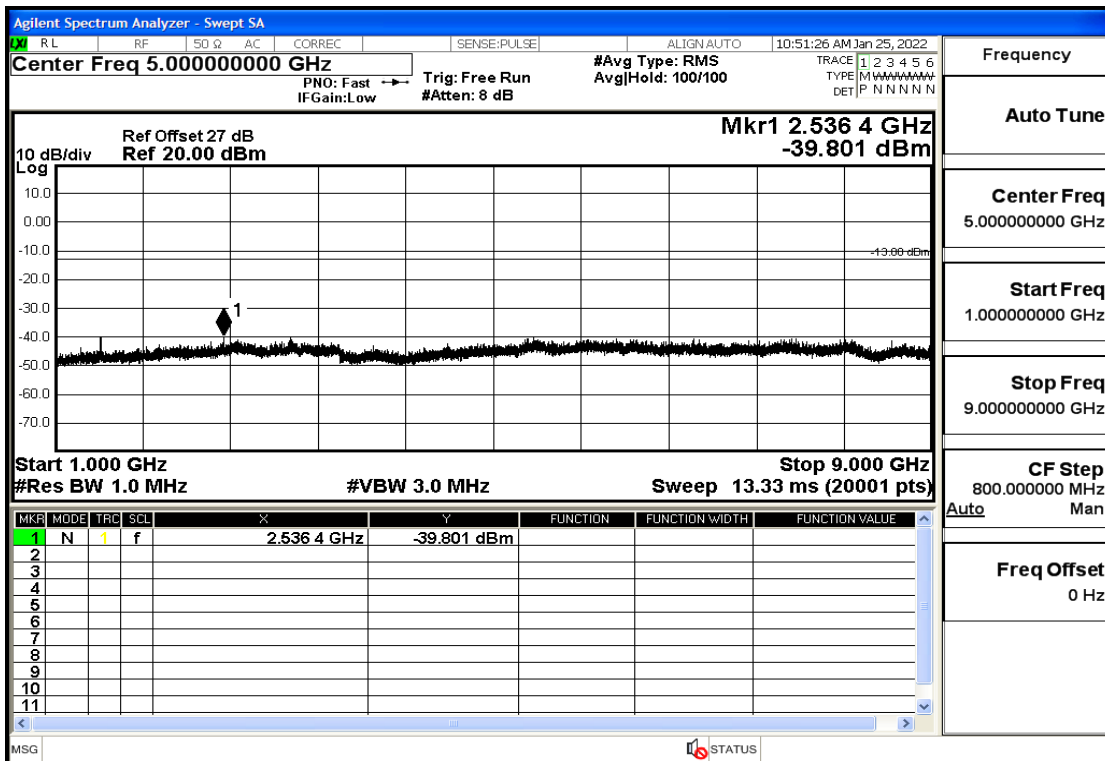
OB12-5-701.5-QPSK-25#LOW@1GHz-9GHz@Pass



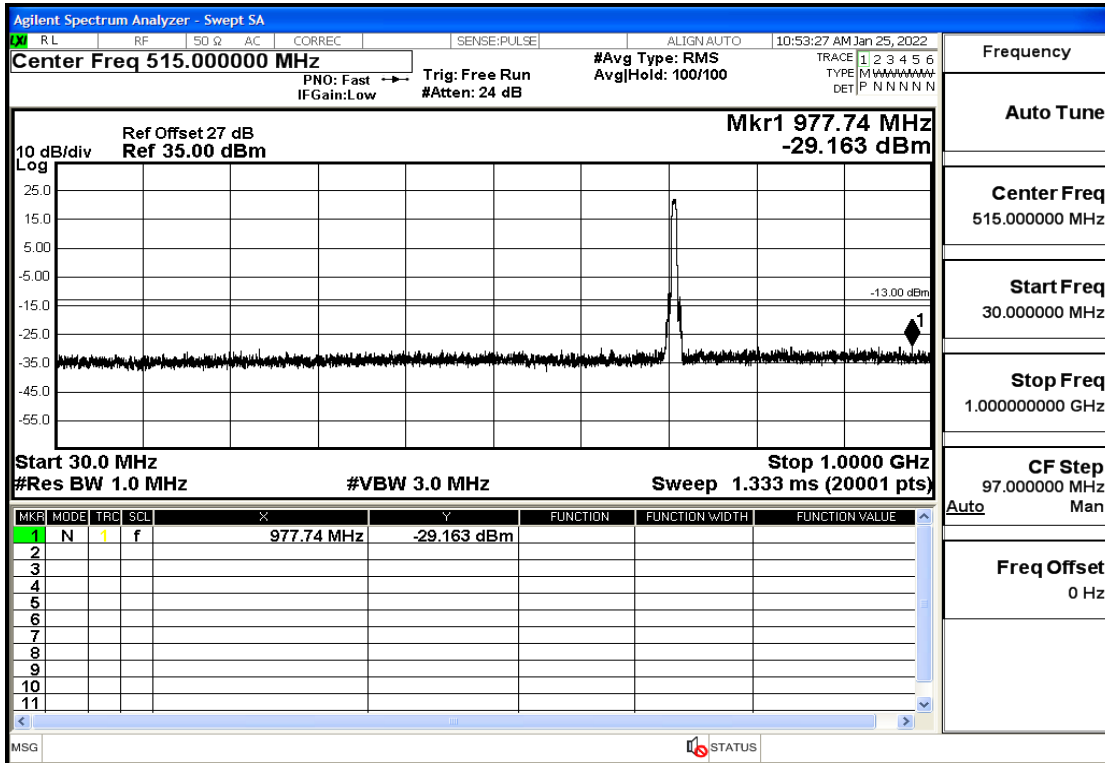
OB12-5-707.5-QPSK-25#LOW@30mHz-1GHz@Pass



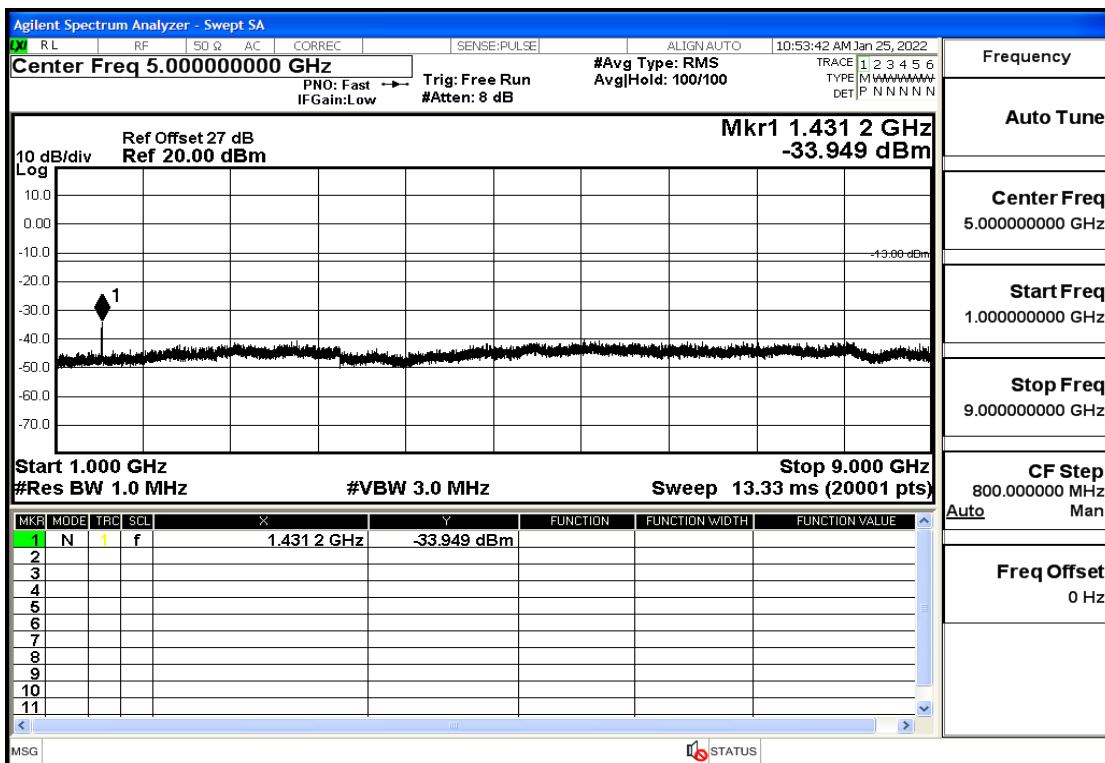
OB12-5-707.5-QPSK-25#LOW@1GHz-9GHz@Pass



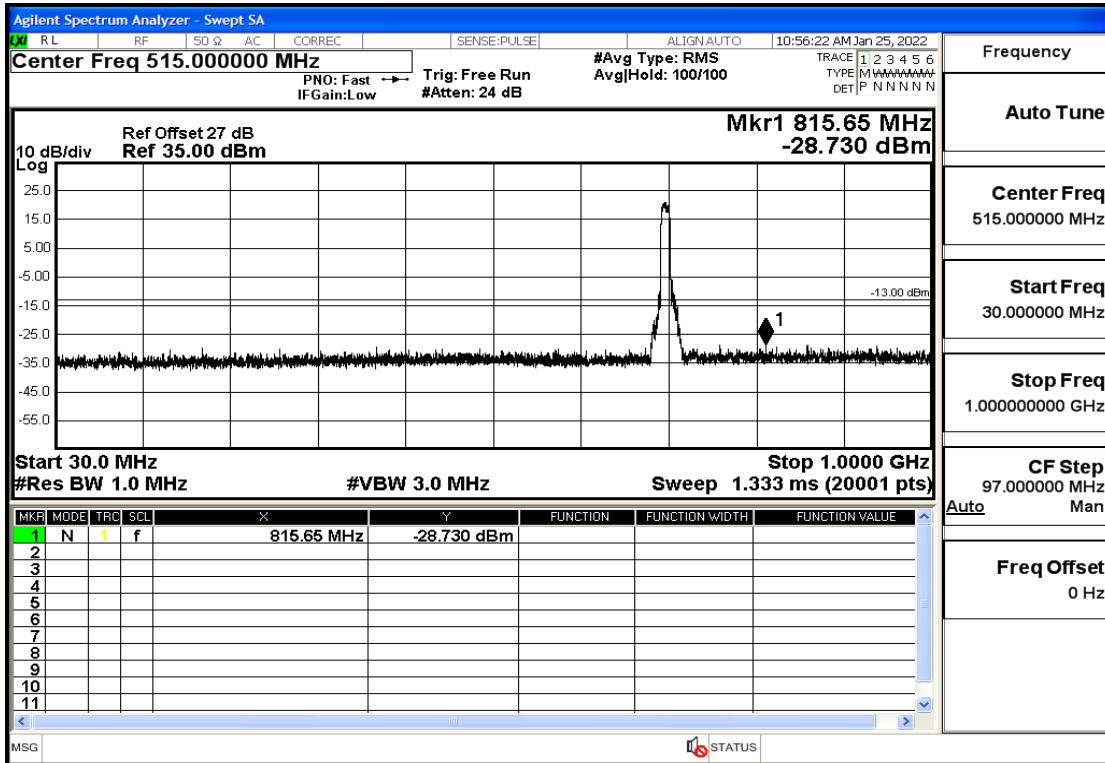
OB12-5-713.5-QPSK-25#LOW@30mHz-1GHz@Pass



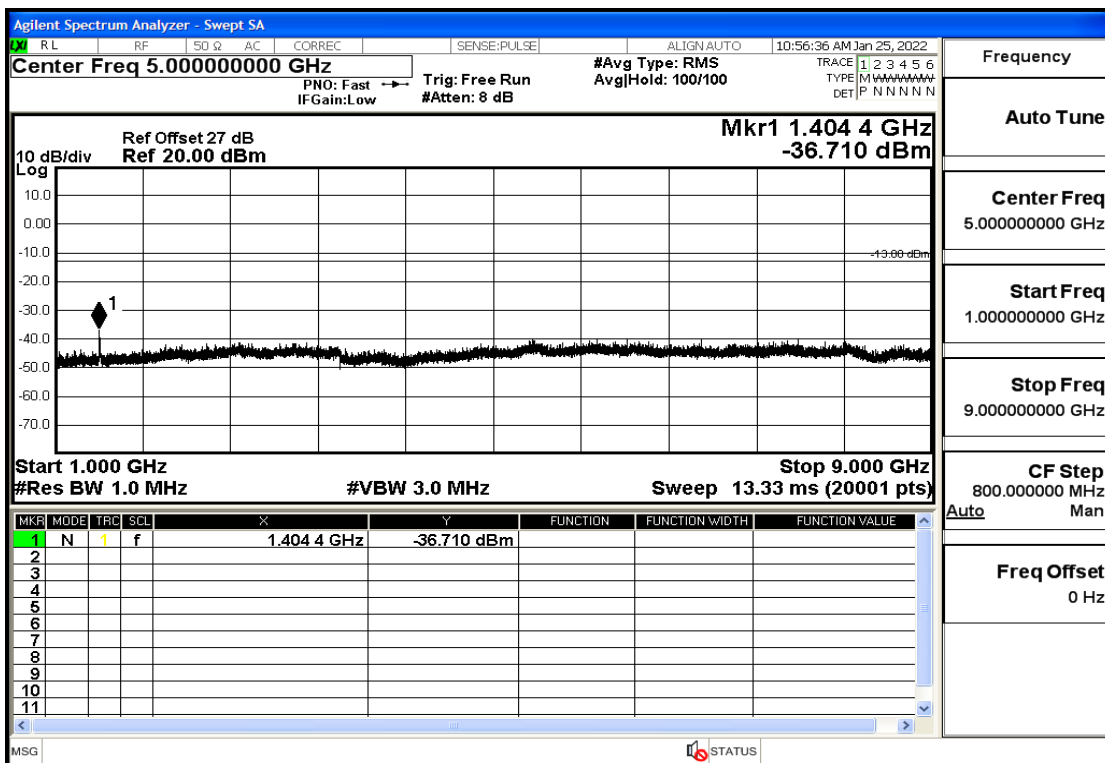
OB12-5-713.5-QPSK-25#LOW@1GHz-9GHz@Pass



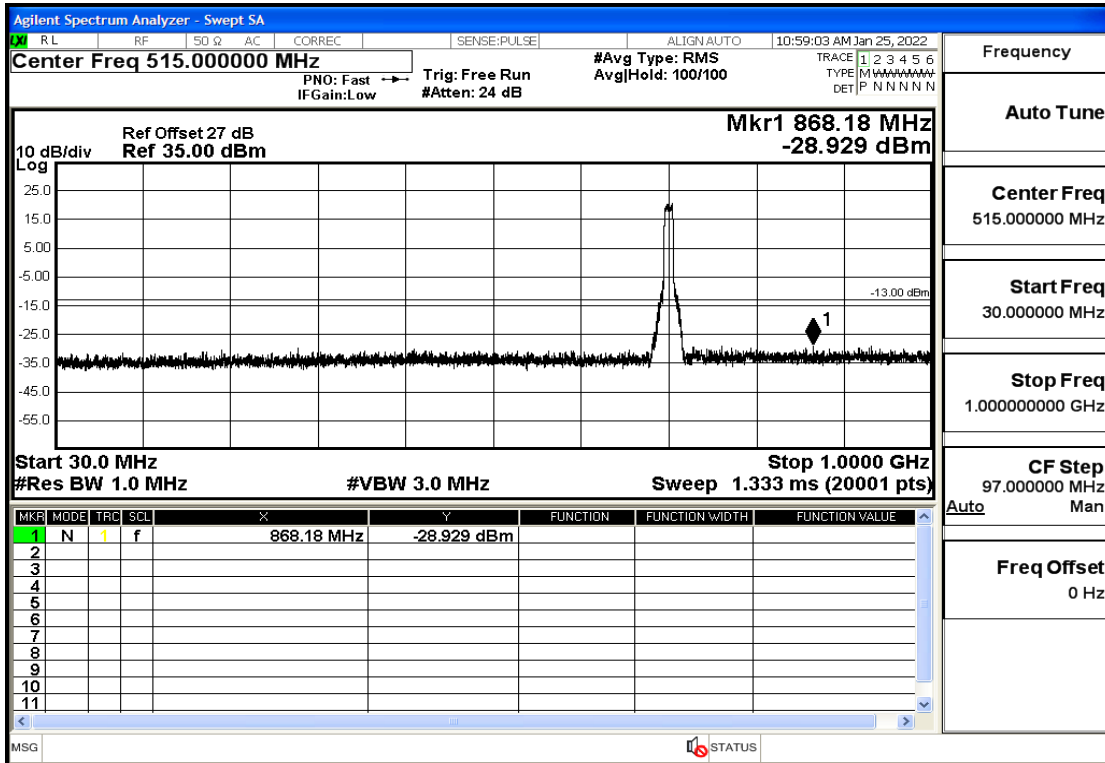
OB12-10-704-QPSK-50#LOW@30mHz-1GHz@Pass



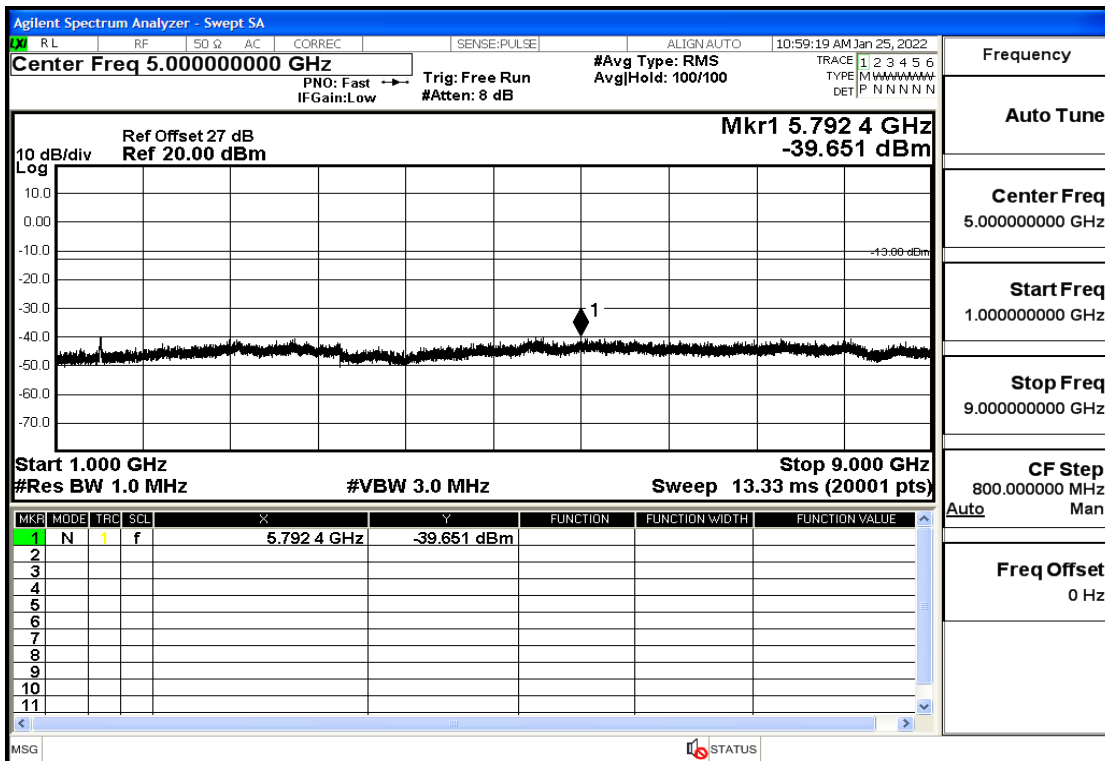
OB12-10-704-QPSK-50#LOW@1GHz-9GHz@Pass



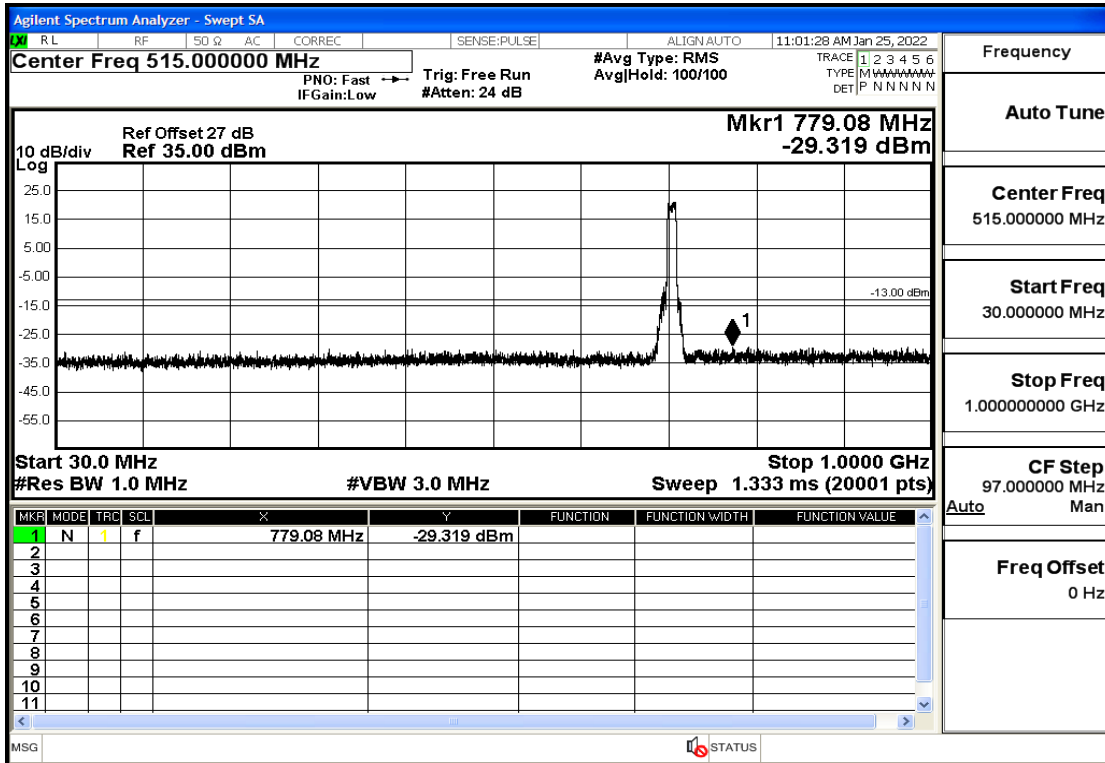
OB12-10-707.5-QPSK-50#LOW@30mHz-1GHz@Pass



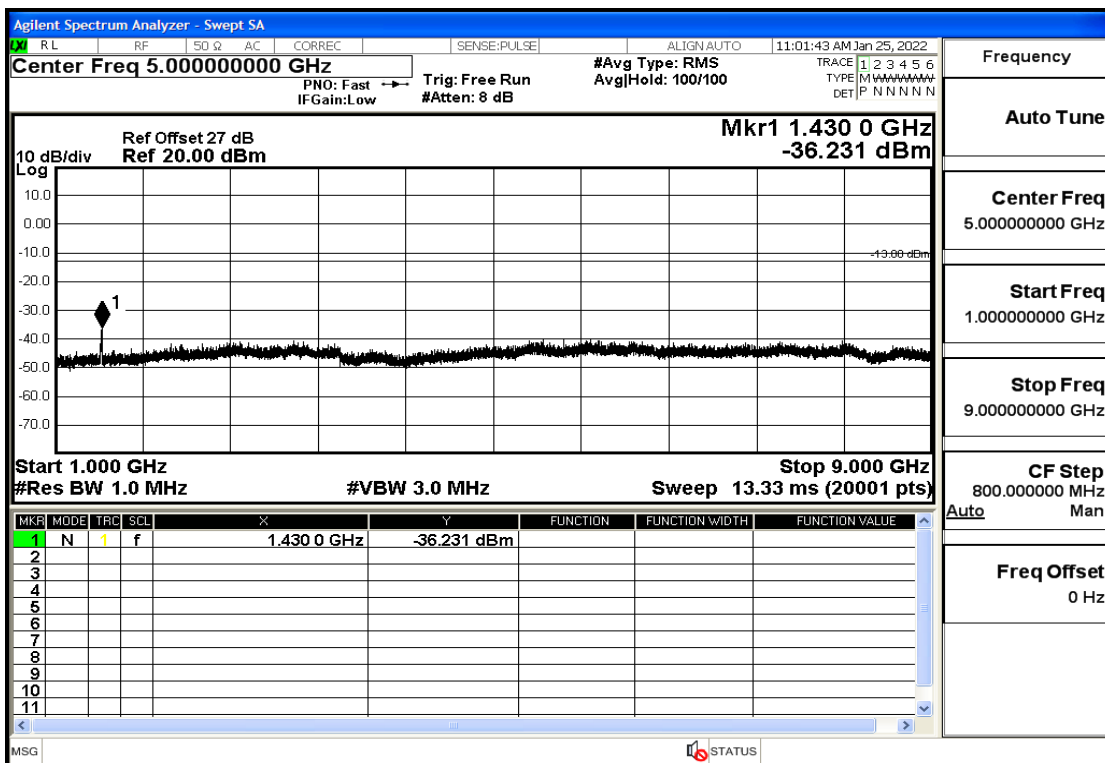
OB12-10-707.5-QPSK-50#LOW@1GHz-9GHz@Pass



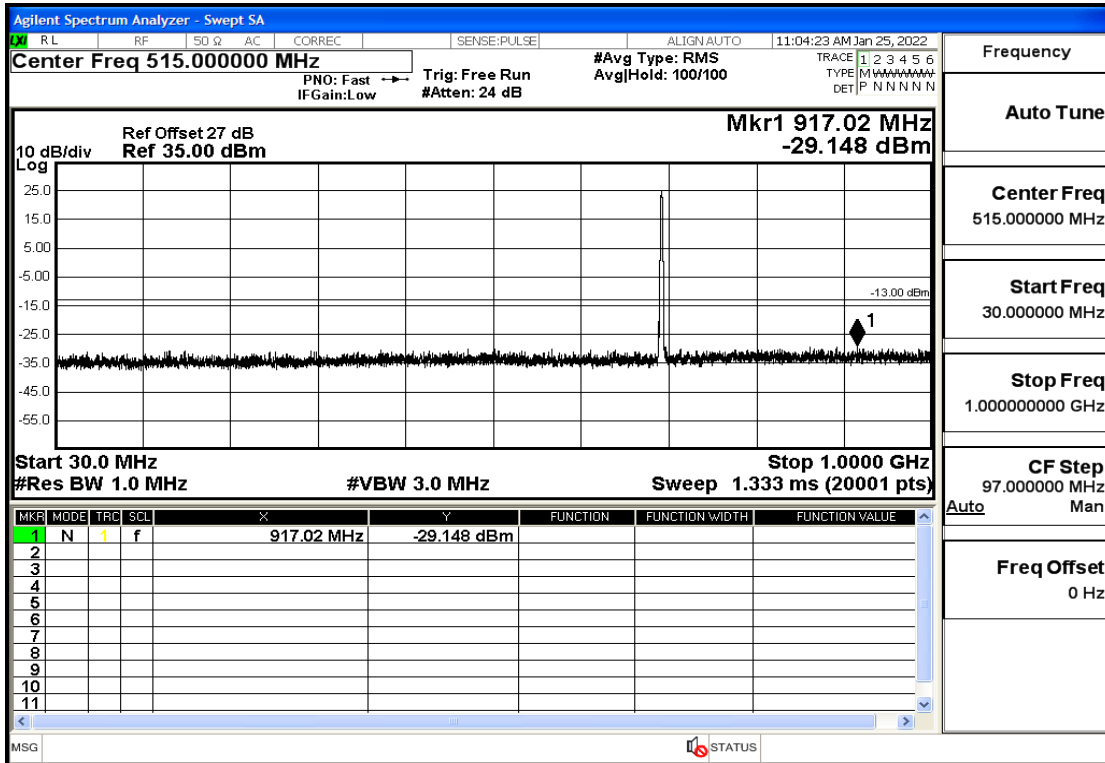
OB12-10-711-QPSK-50#LOW@30mHz-1GHz@Pass



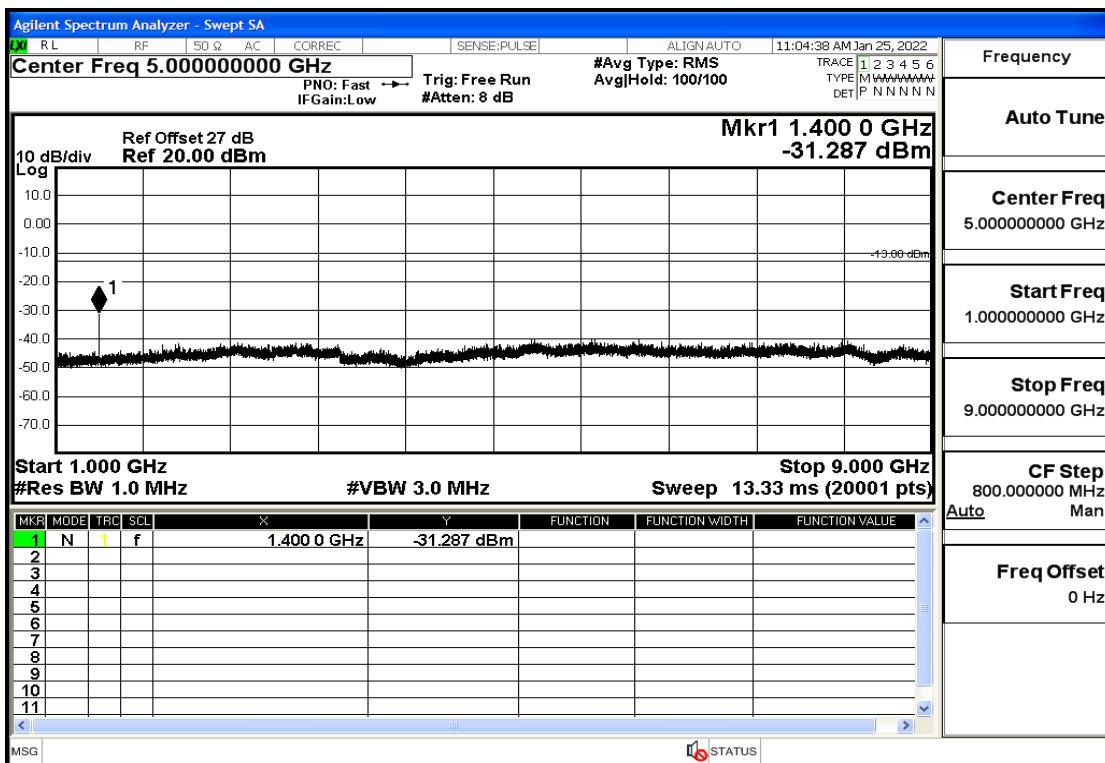
OB12-10-711-QPSK-50#LOW@1GHz-9GHz@Pass



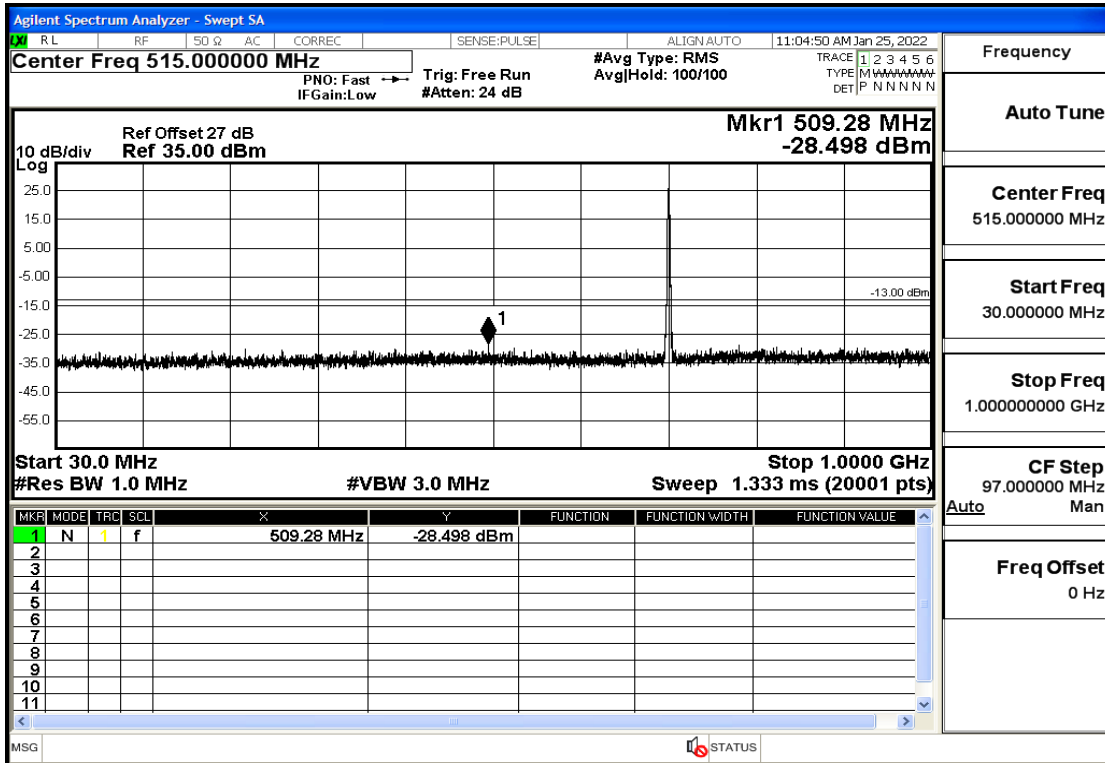
OB12-1.4-699.7-Q16-6#LOW@30mHz-1GHz@Pass



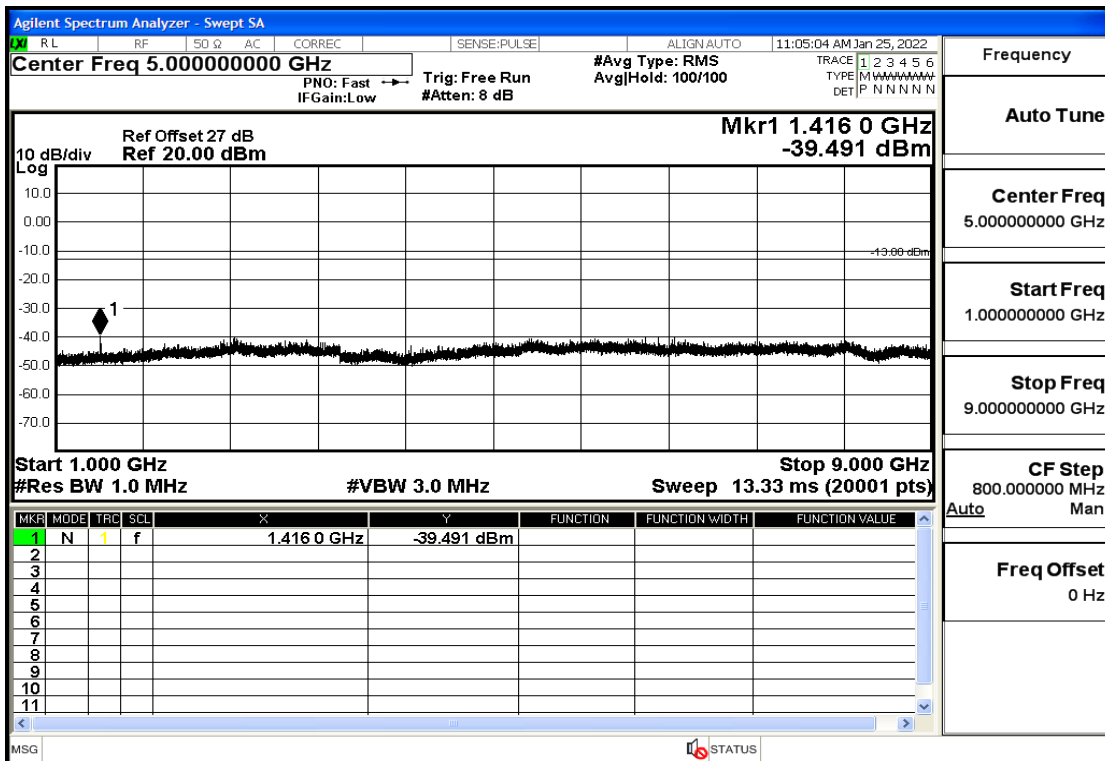
OB12-1.4-699.7-Q16-6#LOW@1GHz-9GHz@Pass



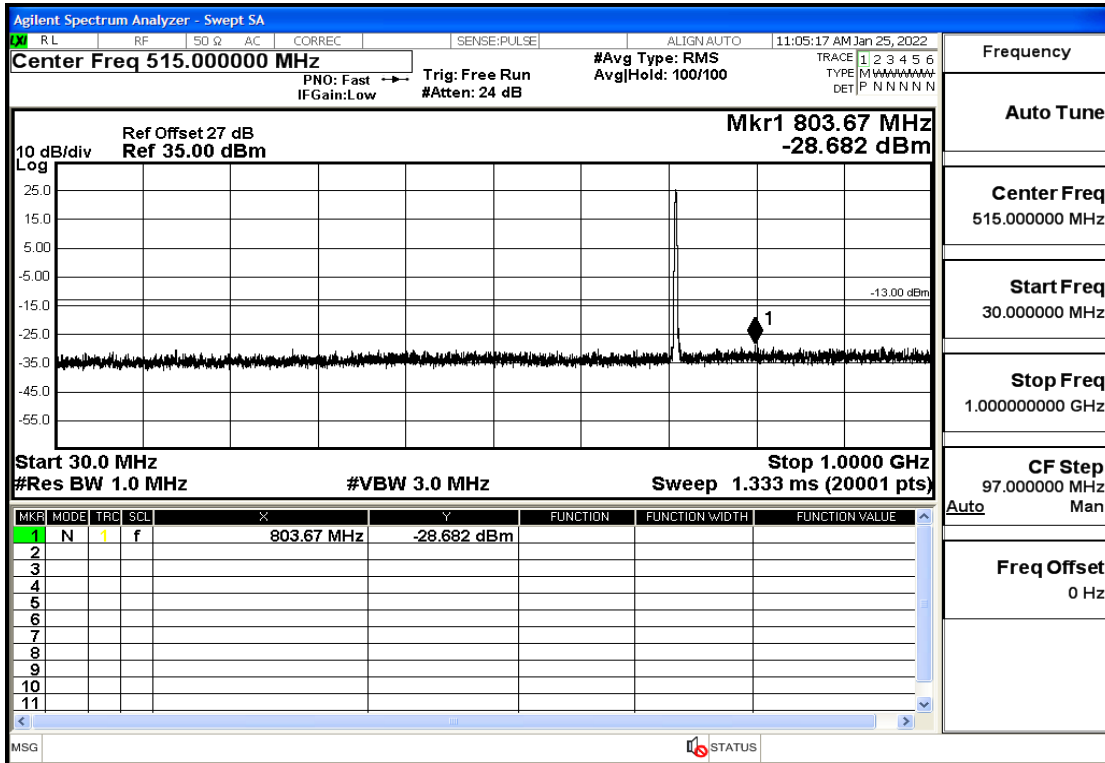
OB12-1.4-707.5-Q16-6#LOW@30mHz-1GHz@Pass



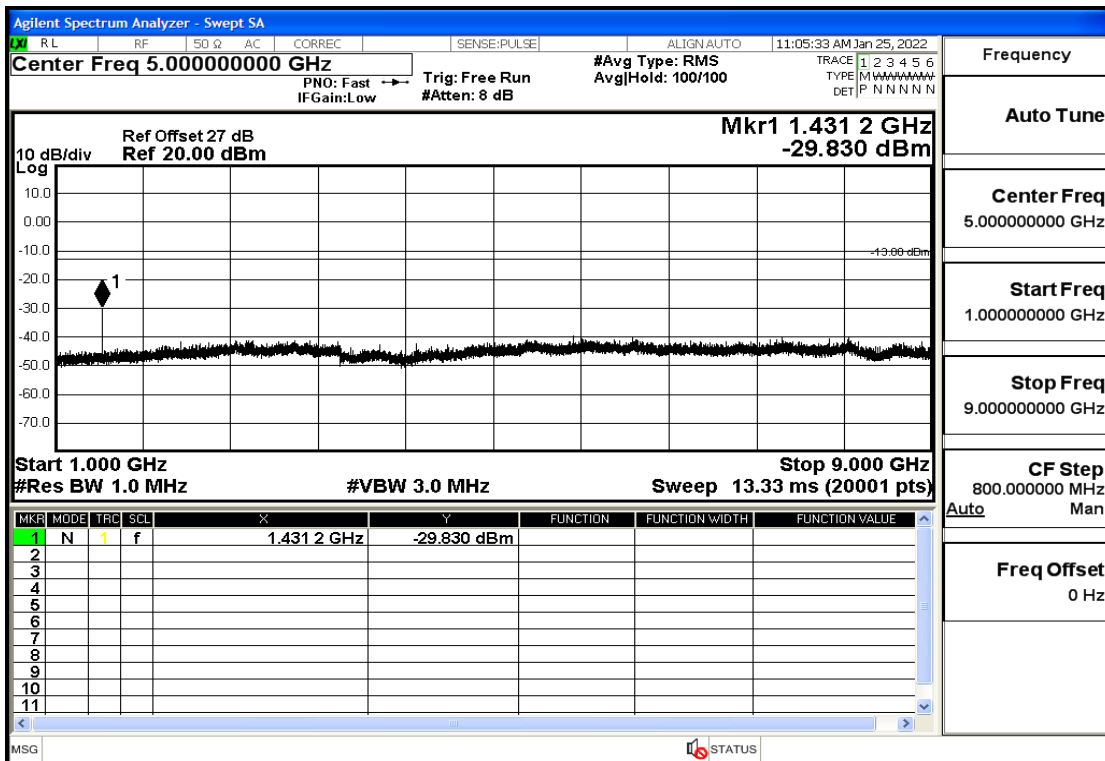
OB12-1.4-707.5-Q16-6#LOW@1GHz-9GHz@Pass



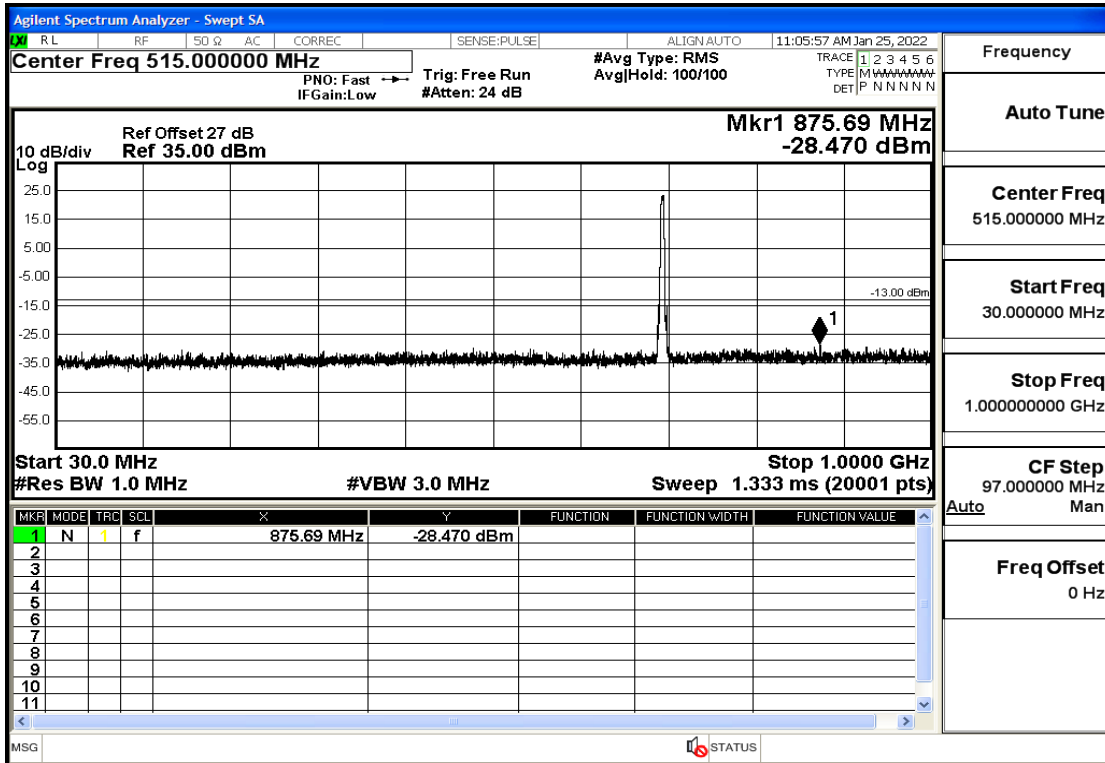
OB12-1.4-715.3-Q16-6#LOW@30mHz-1GHz@Pass



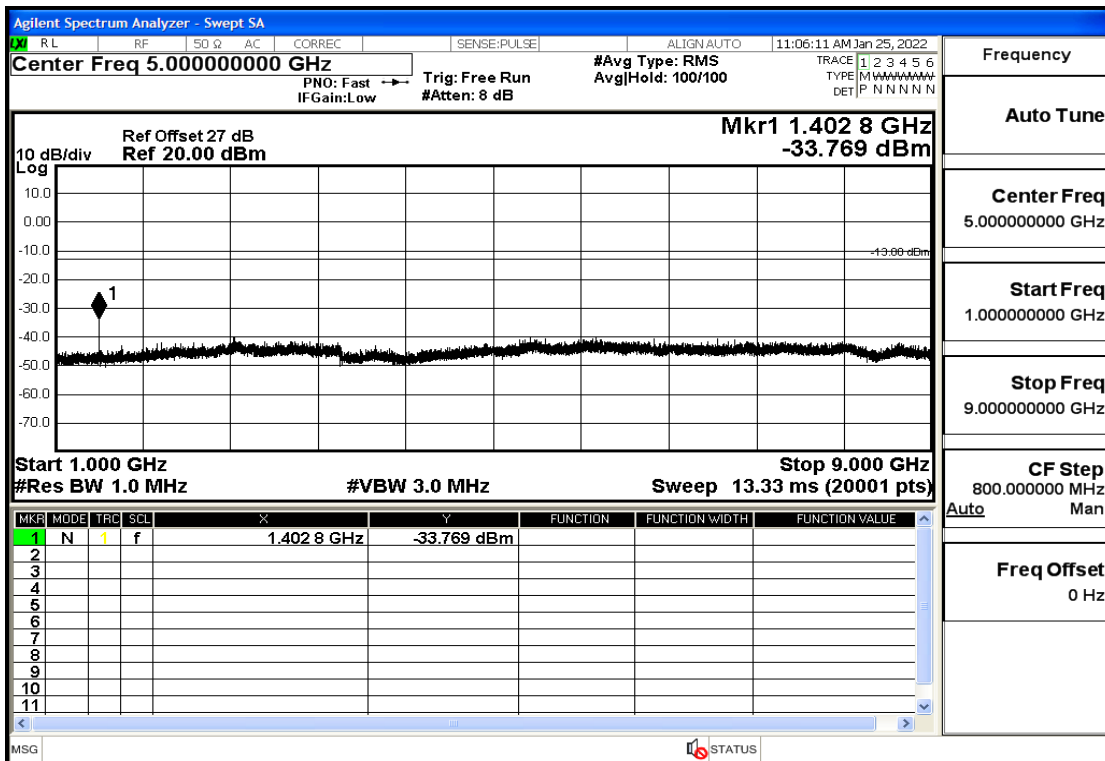
OB12-1.4-715.3-Q16-6#LOW@1GHz-9GHz@Pass



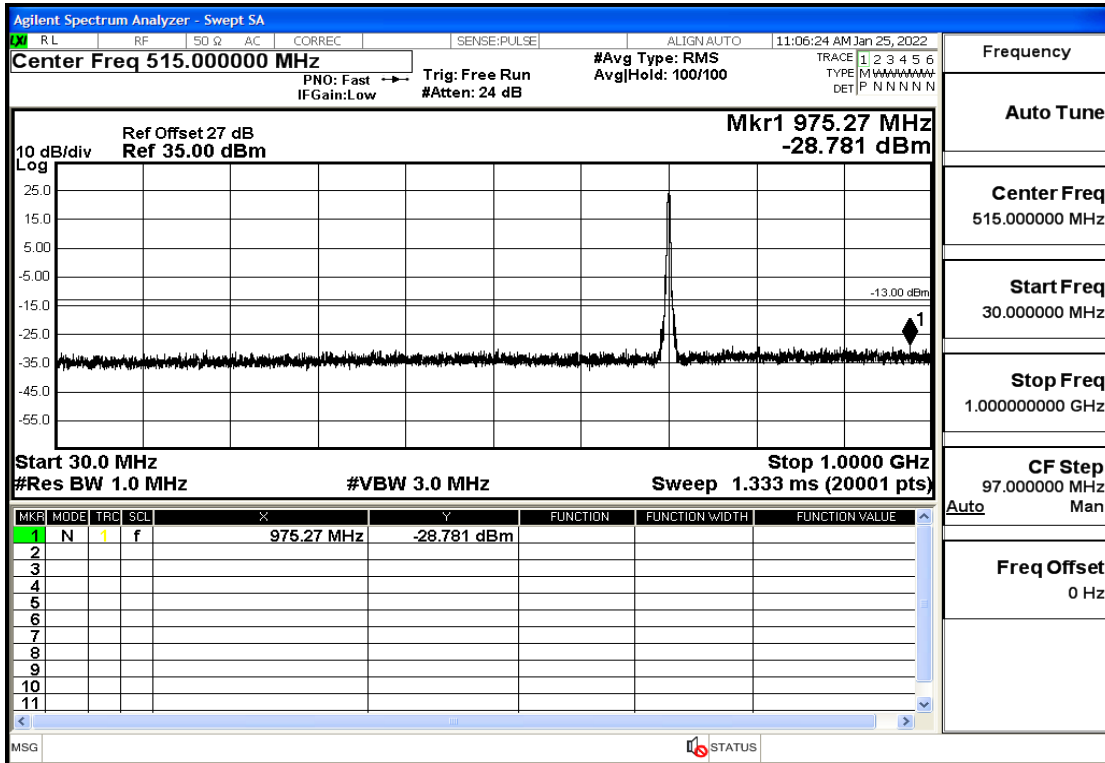
OB12-3-700.5-Q16-15#LOW@30mHz-1GHz@Pass



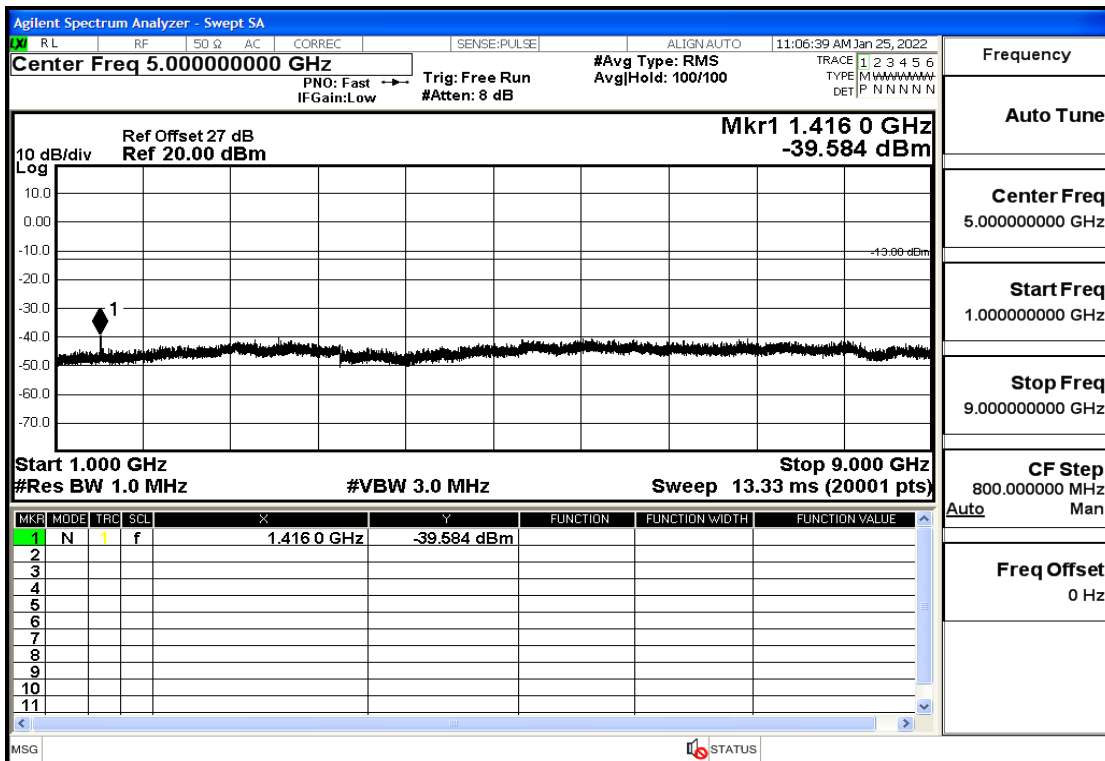
OB12-3-700.5-Q16-15#LOW@1GHz-9GHz@Pass



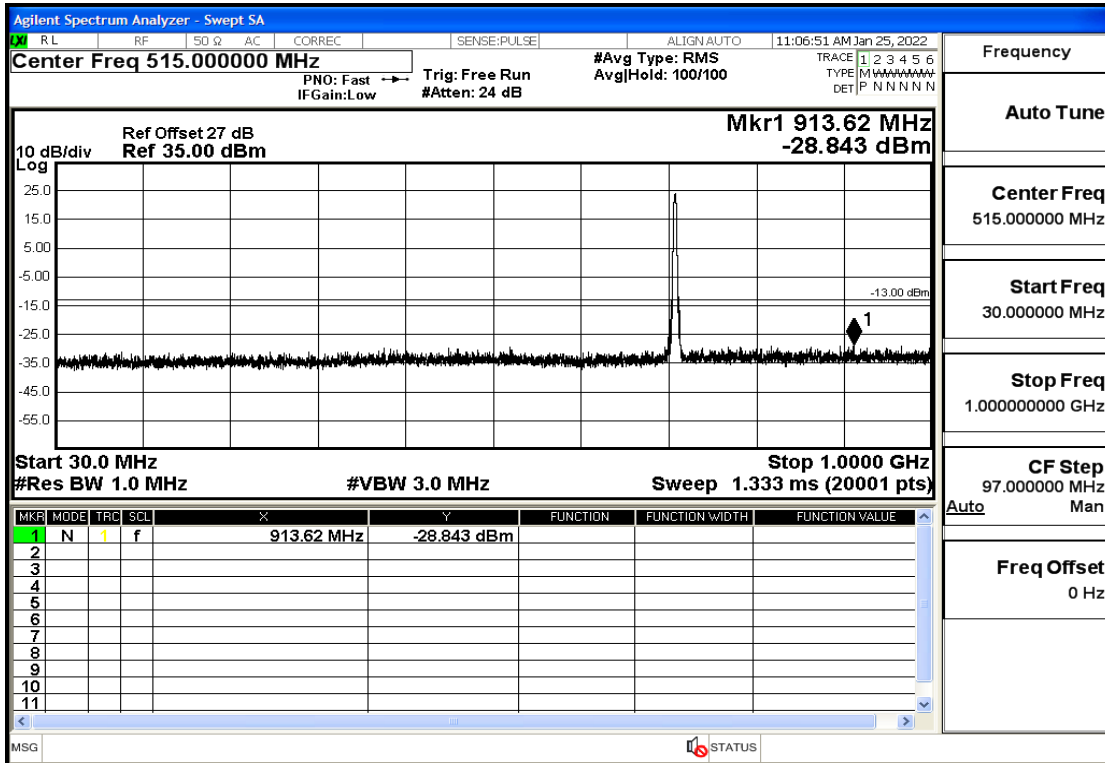
OB12-3-707.5-Q16-15#LOW@30mHz-1GHz@Pass



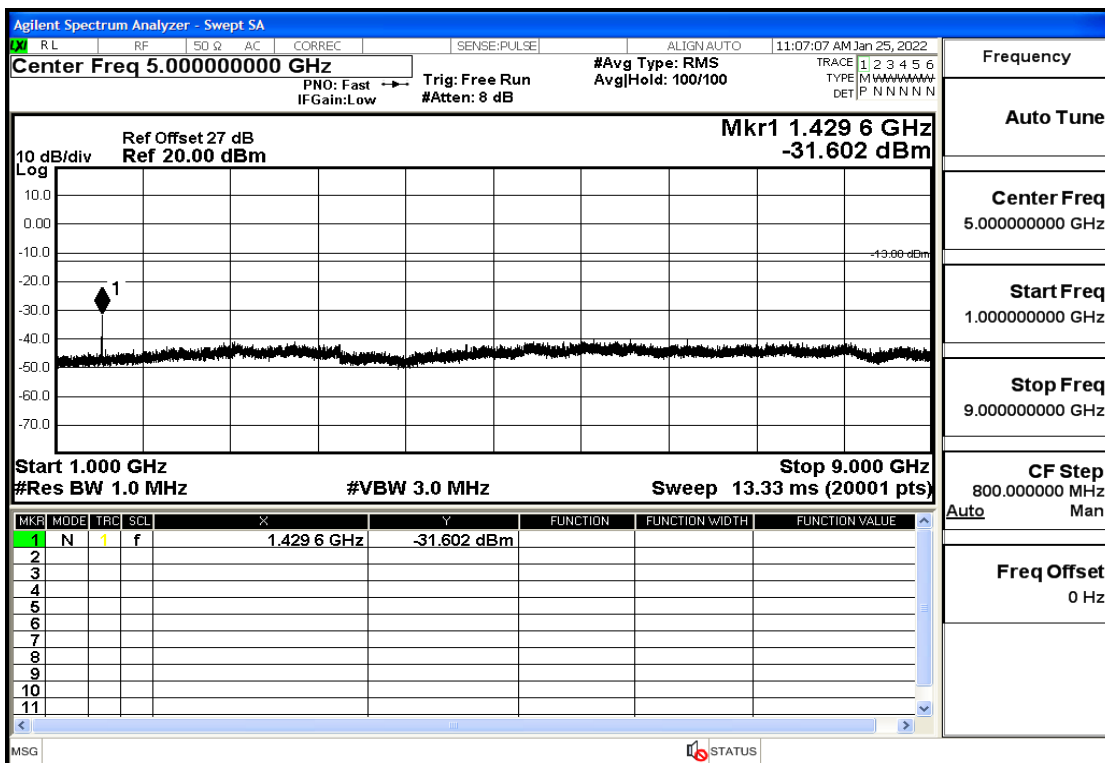
OB12-3-707.5-Q16-15#LOW@1GHz-9GHz@Pass



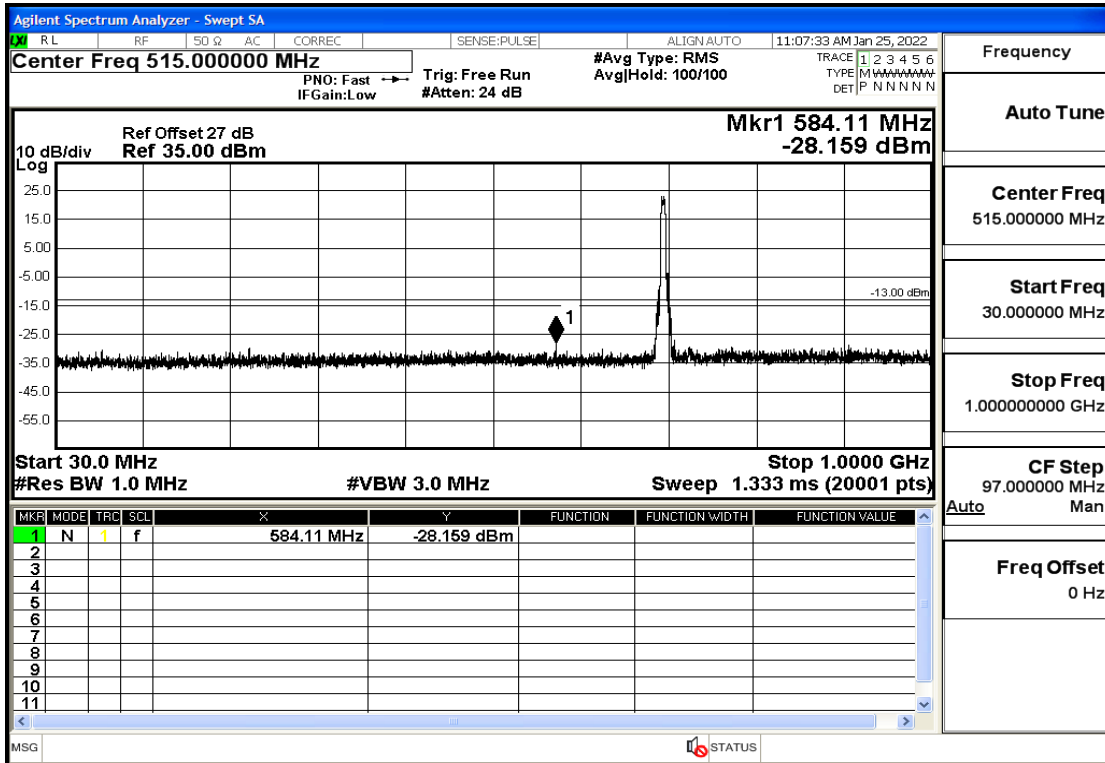
OB12-3-714.5-Q16-15#LOW@30mHz-1GHz@Pass



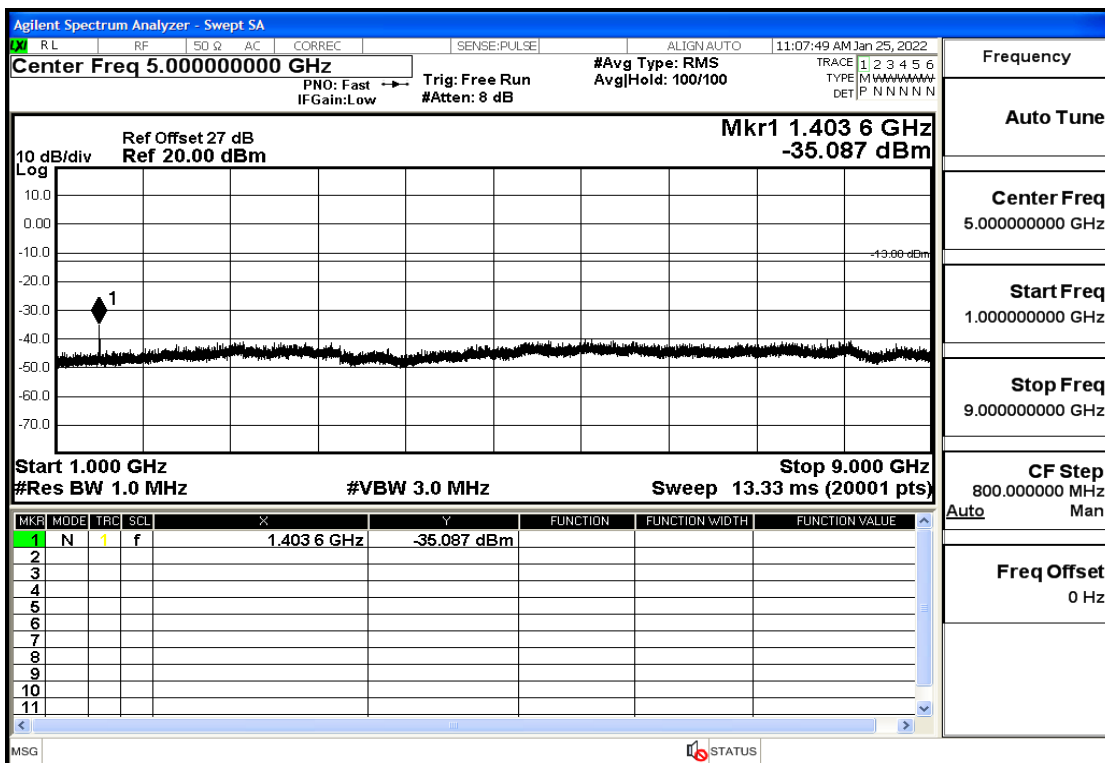
OB12-3-714.5-Q16-15#LOW@1GHz-9GHz@Pass



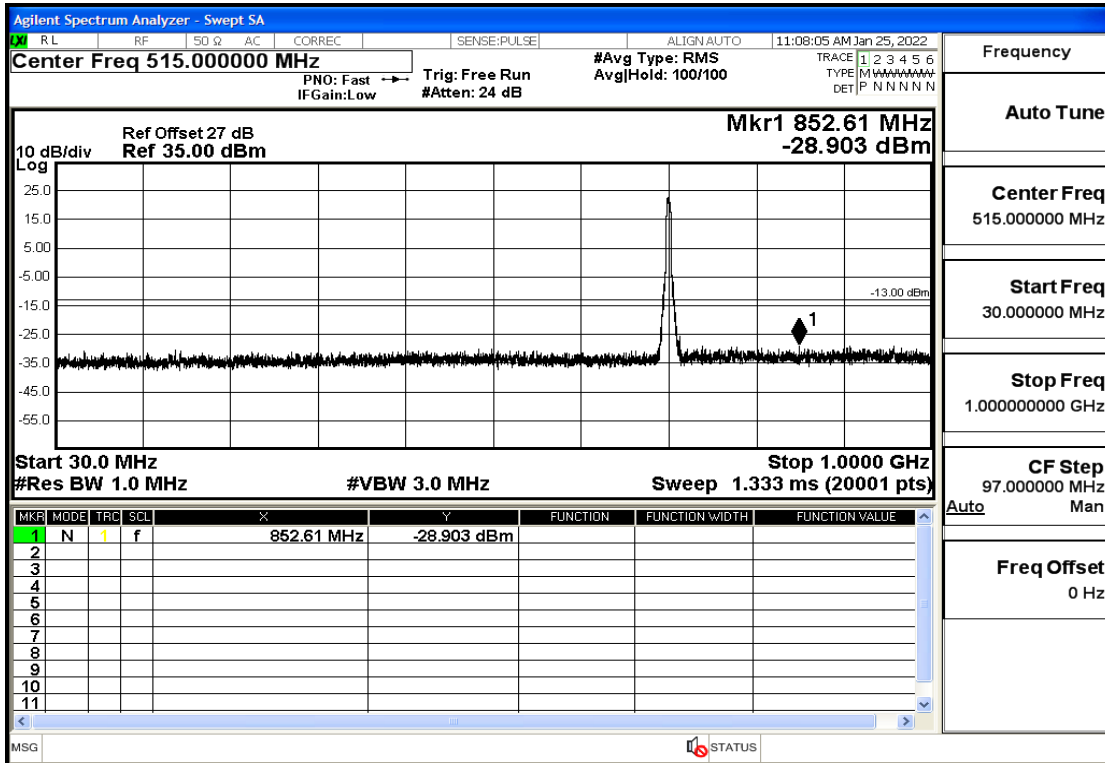
OB12-5-701.5-Q16-25#LOW@30mHz-1GHz@Pass



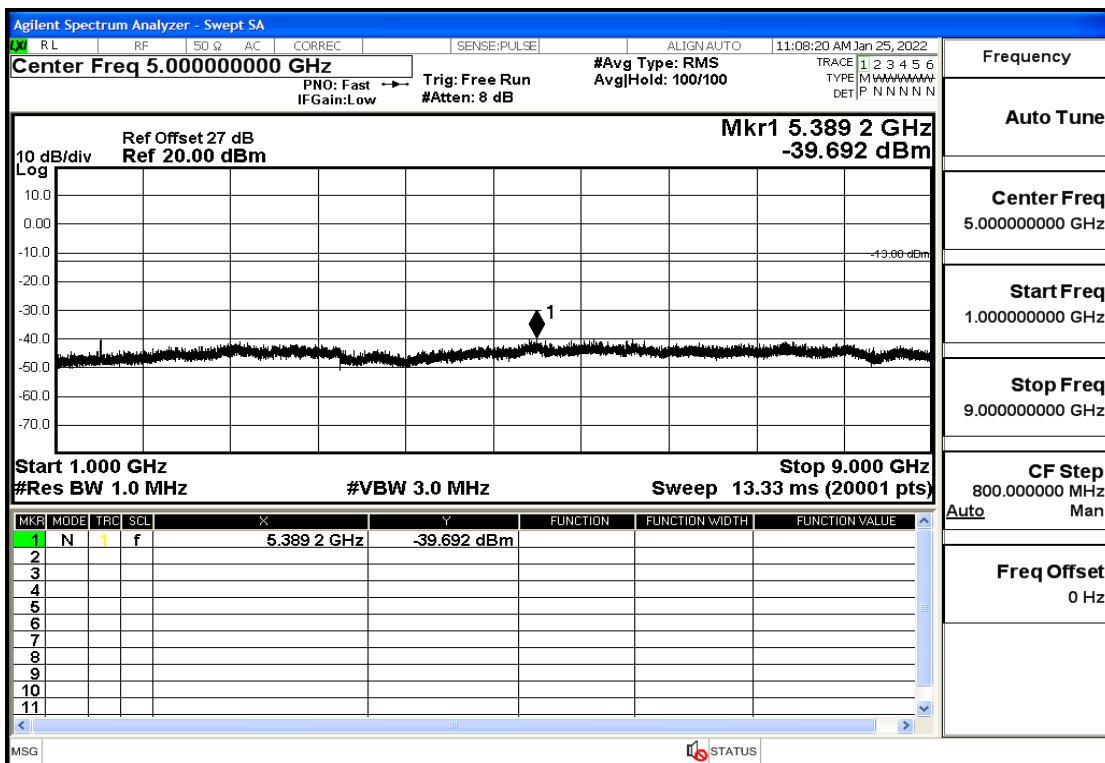
OB12-5-701.5-Q16-25#LOW@1GHz-9GHz@Pass



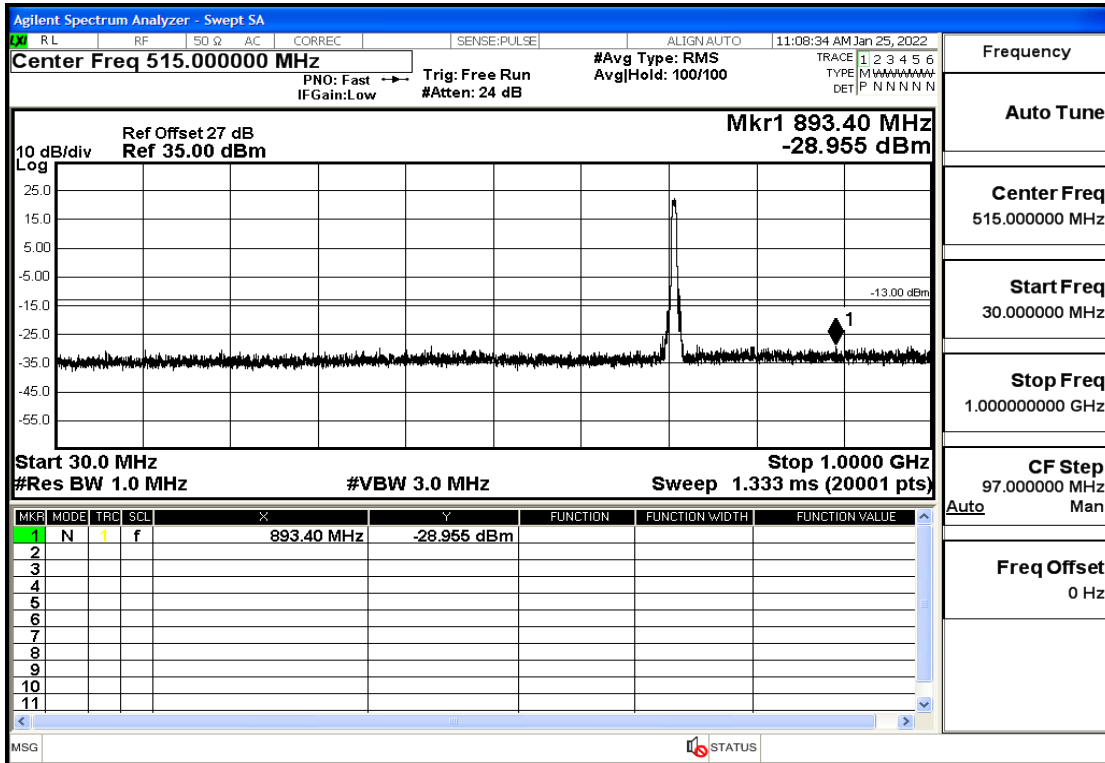
OB12-5-707.5-Q16-25#LOW@30mHz-1GHz@Pass



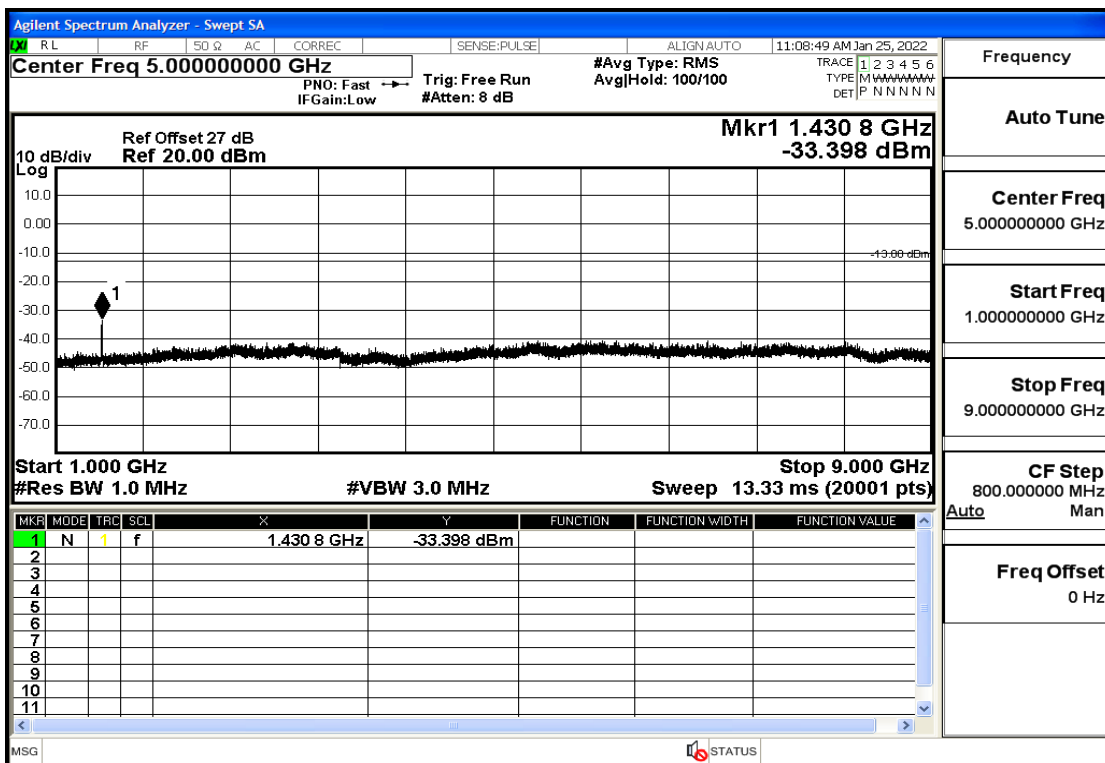
OB12-5-707.5-Q16-25#LOW@1GHz-9GHz@Pass



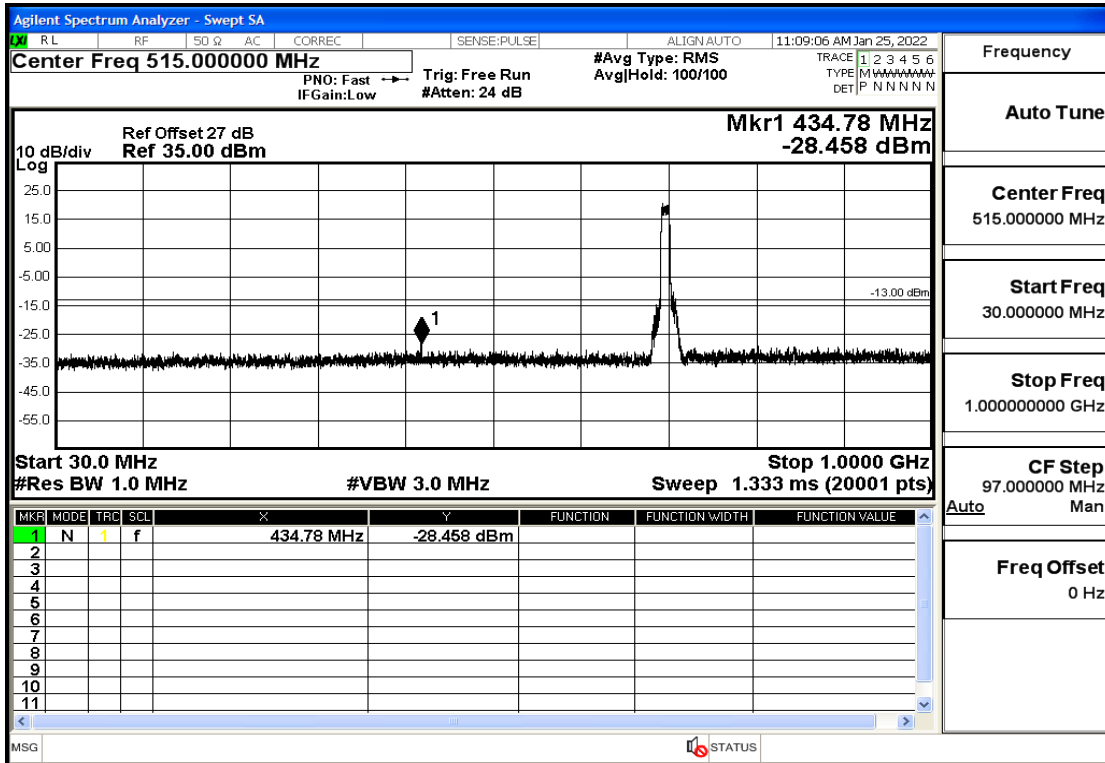
OB12-5-713.5-Q16-25#LOW@30mHz-1GHz@Pass



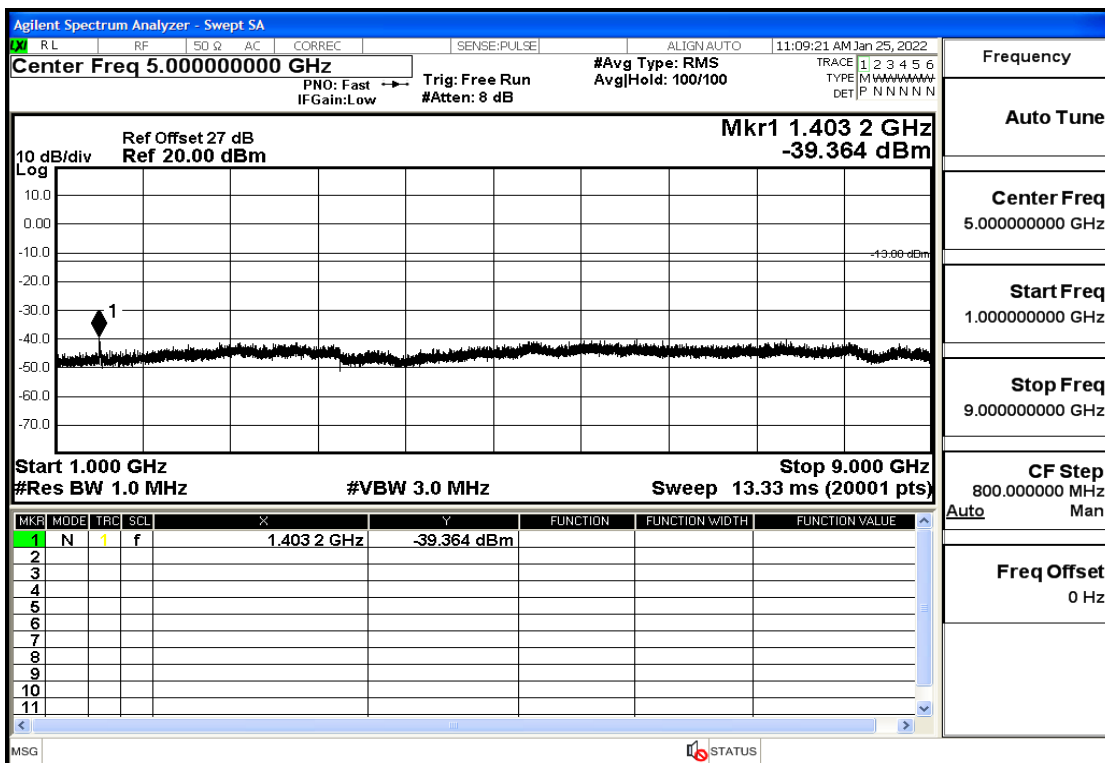
OB12-5-713.5-Q16-25#LOW@1GHz-9GHz@Pass



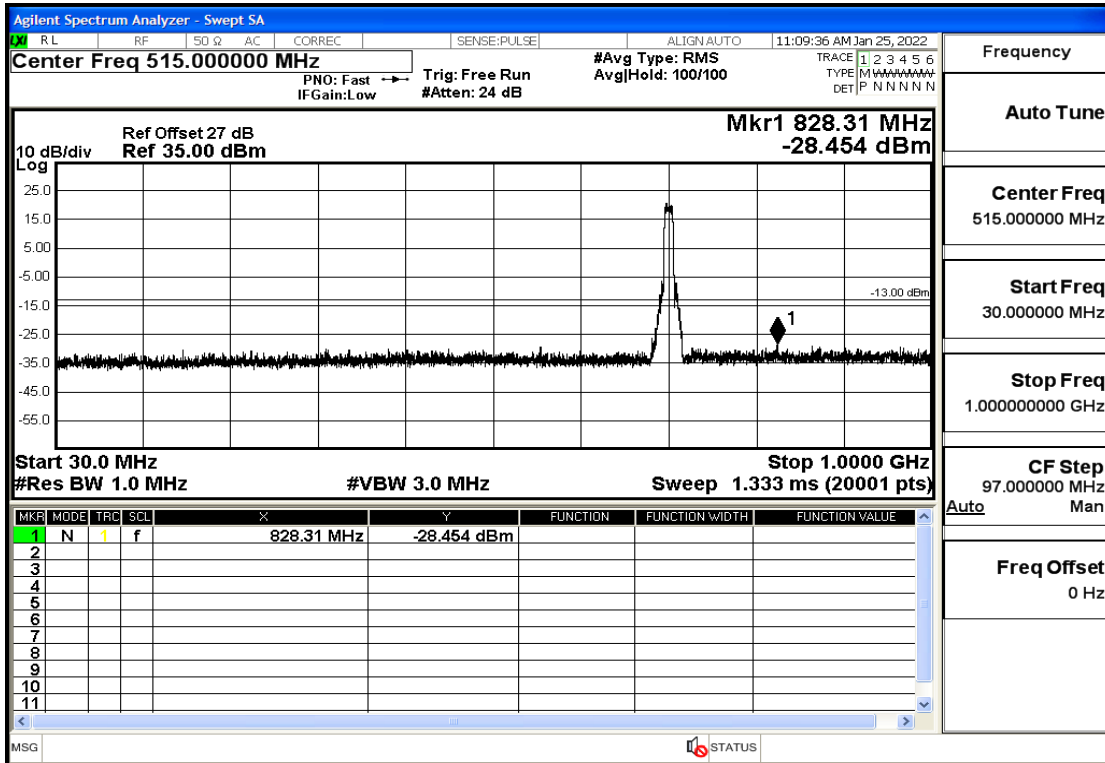
OB12-10-704-Q16-50#LOW@30mHz-1GHz@Pass



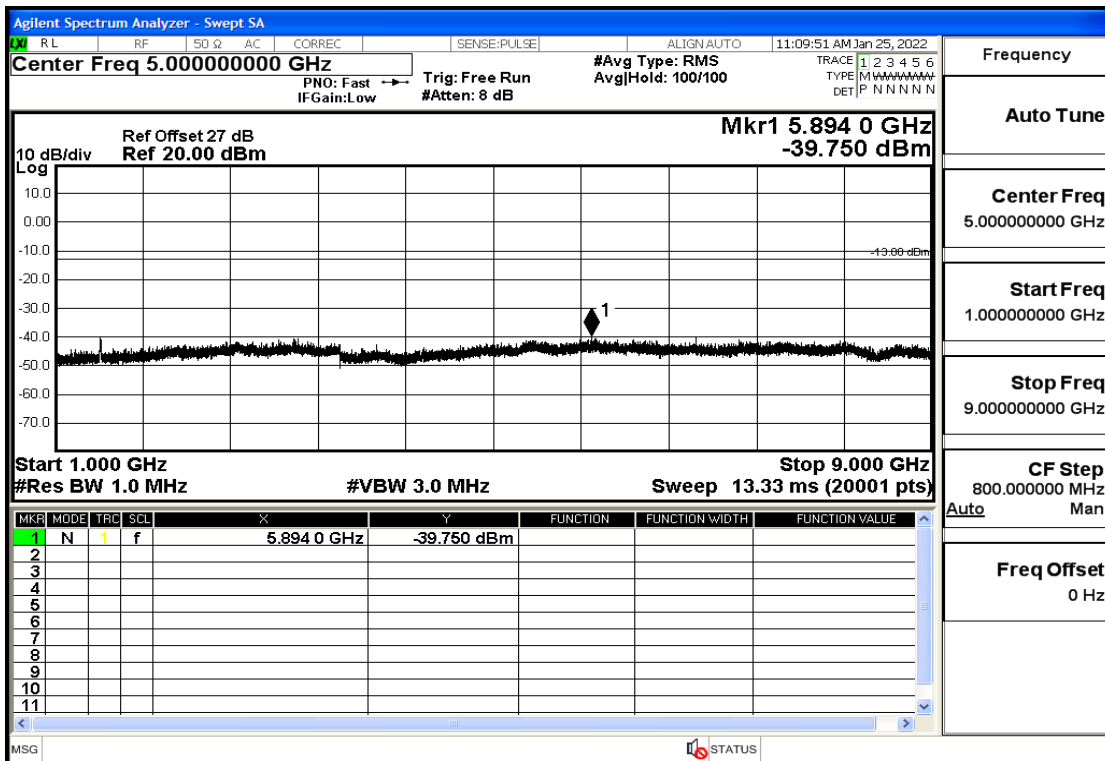
OB12-10-704-Q16-50#LOW@1GHz-9GHz@Pass



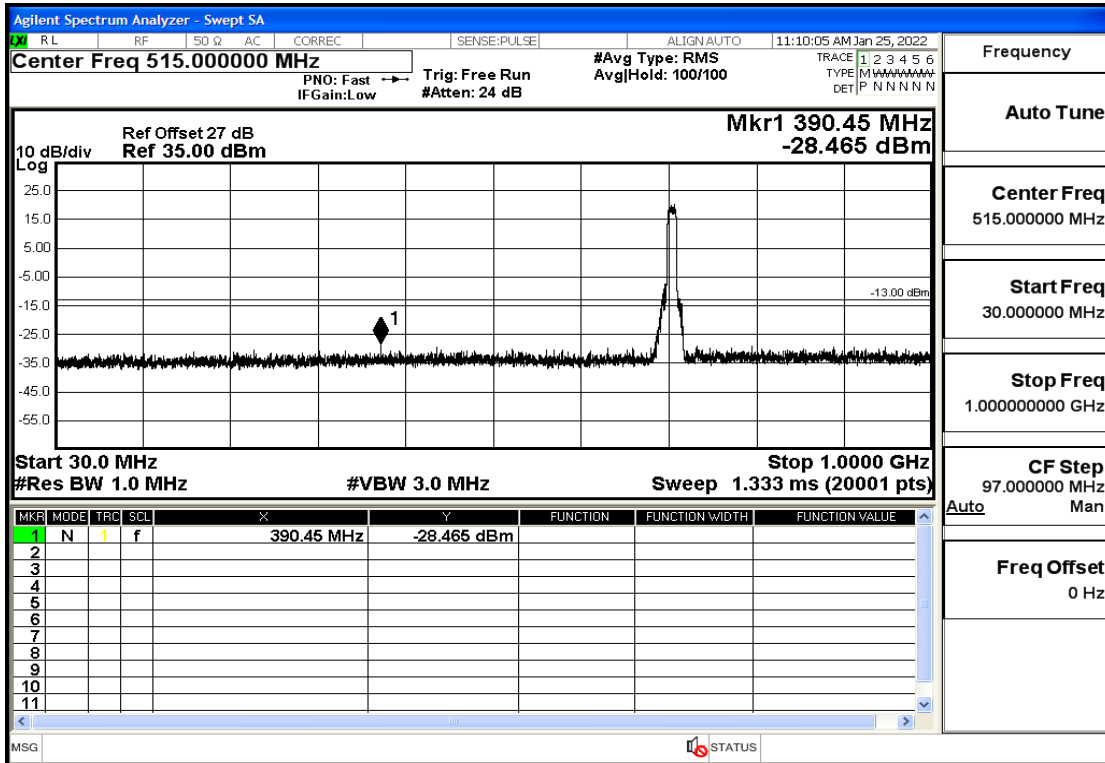
OB12-10-707.5-Q16-50#LOW@30mHz-1GHz@Pass



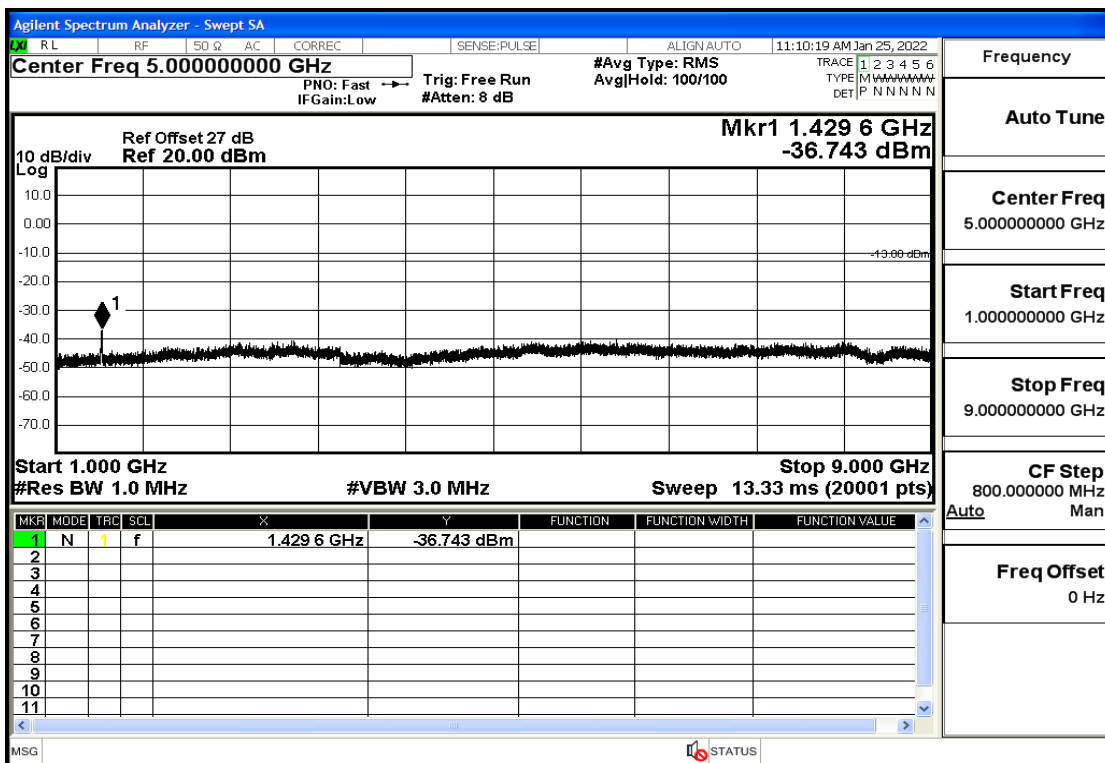
OB12-10-707.5-Q16-50#LOW@1GHz-9GHz@Pass



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



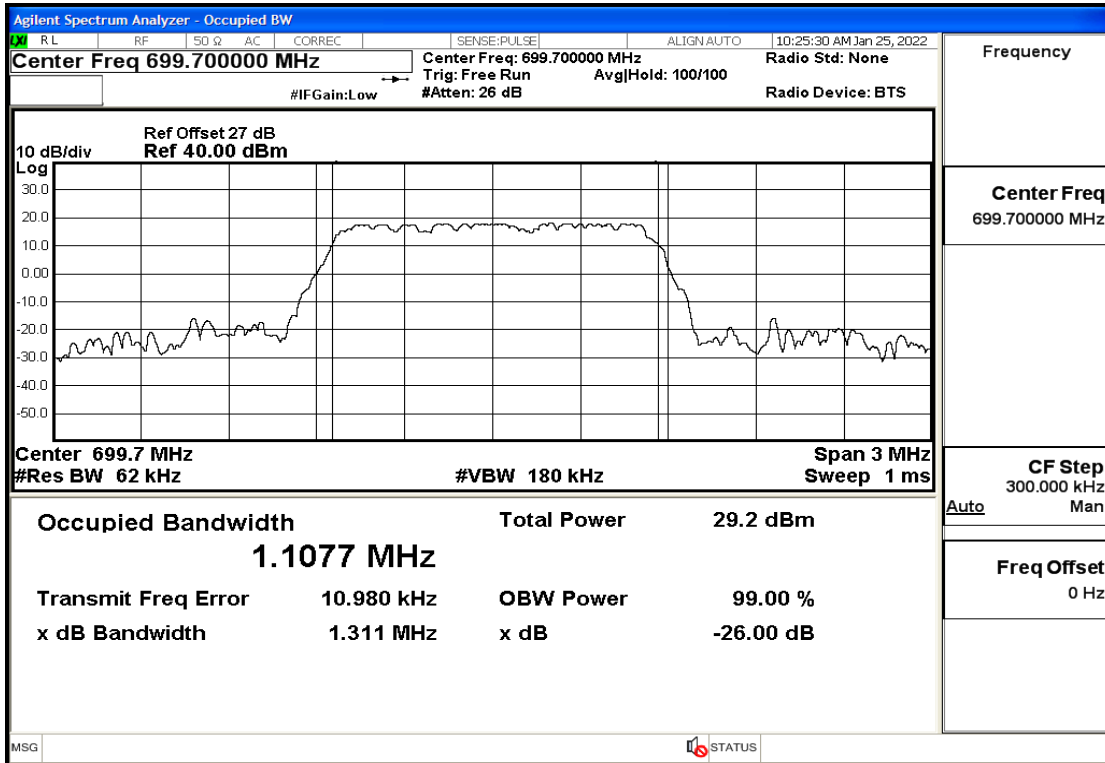
OB12-10-711-Q16-50#LOW@1GHz-9GHz@Pass



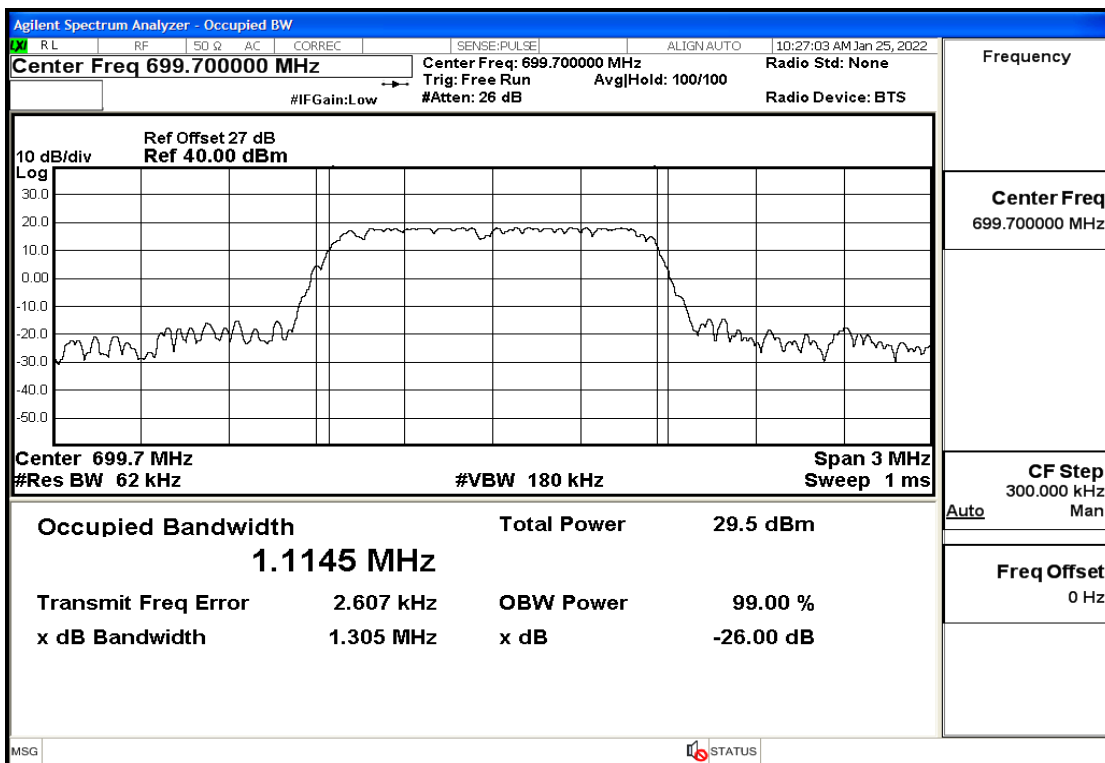
Emission bandwidth and OBW

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	1107.7	1311	No limit
Band12	1.4	699.7	16QAM	6	LOW	1114.5	1305	No limit
Band12	1.4	707.5	QPSK	6	LOW	1112.9	1284	No limit
Band12	1.4	707.5	16QAM	6	LOW	1120.3	1301	No limit
Band12	1.4	715.3	QPSK	6	LOW	1129.4	1278	No limit
Band12	1.4	715.3	16QAM	6	LOW	1104	1283	No limit
Band12	3	700.5	QPSK	15	LOW	2750.6	3104	No limit
Band12	3	700.5	16QAM	15	LOW	2763	3093	No limit
Band12	3	707.5	QPSK	15	LOW	2768.6	3110	No limit
Band12	3	707.5	16QAM	15	LOW	2781.9	3108	No limit
Band12	3	714.5	QPSK	15	LOW	2758.3	3129	No limit
Band12	3	714.5	16QAM	15	LOW	2759.7	3113	No limit
Band12	5	701.5	QPSK	25	LOW	4583.6	5091	No limit
Band12	5	701.5	16QAM	25	LOW	4574.8	5061	No limit
Band12	5	707.5	QPSK	25	LOW	4596.3	5056	No limit
Band12	5	707.5	16QAM	25	LOW	4612.8	5090	No limit
Band12	5	713.5	QPSK	25	LOW	4584.6	5080	No limit
Band12	5	713.5	16QAM	25	LOW	4562.8	5106	No limit
Band12	10	704	QPSK	50	LOW	9111.2	10010	No limit
Band12	10	704	16QAM	50	LOW	9080.1	10040	No limit
Band12	10	707.5	QPSK	50	LOW	9097.4	10080	No limit
Band12	10	707.5	16QAM	50	LOW	9122.6	10140	No limit
Band12	10	711	QPSK	50	LOW	9131.9	9973	No limit
Band12	10	711	16QAM	50	LOW	9111.5	10090	No limit

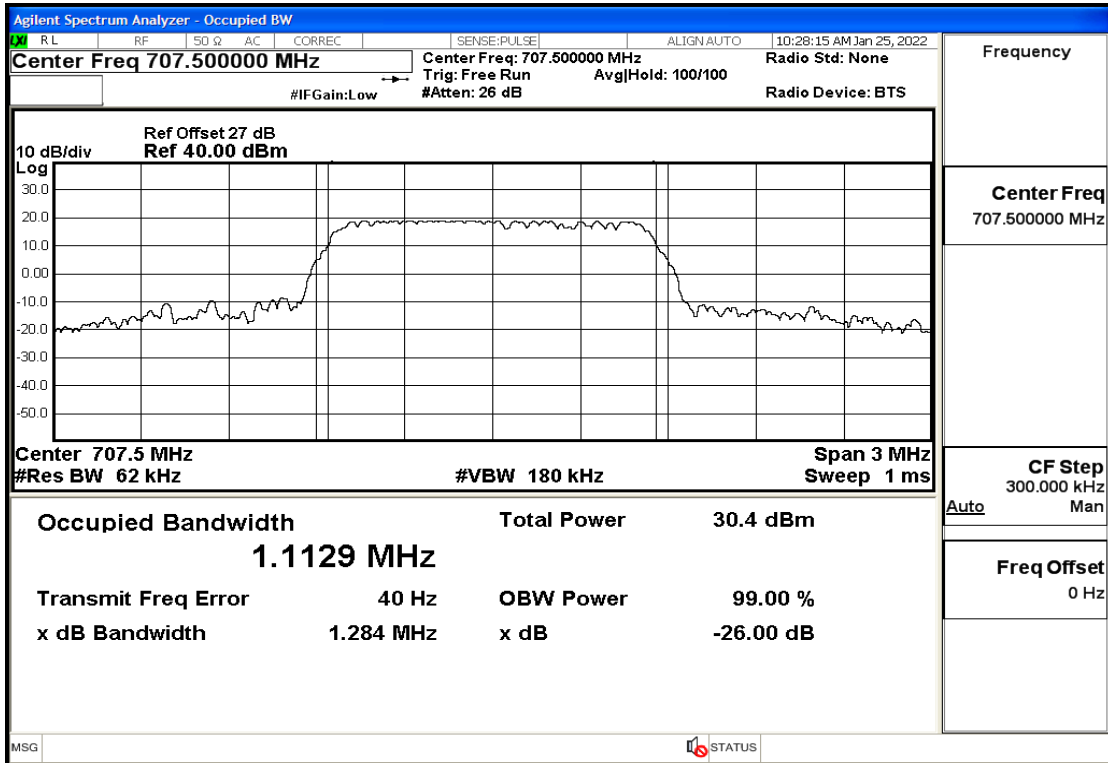
Band12-1.4-699.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



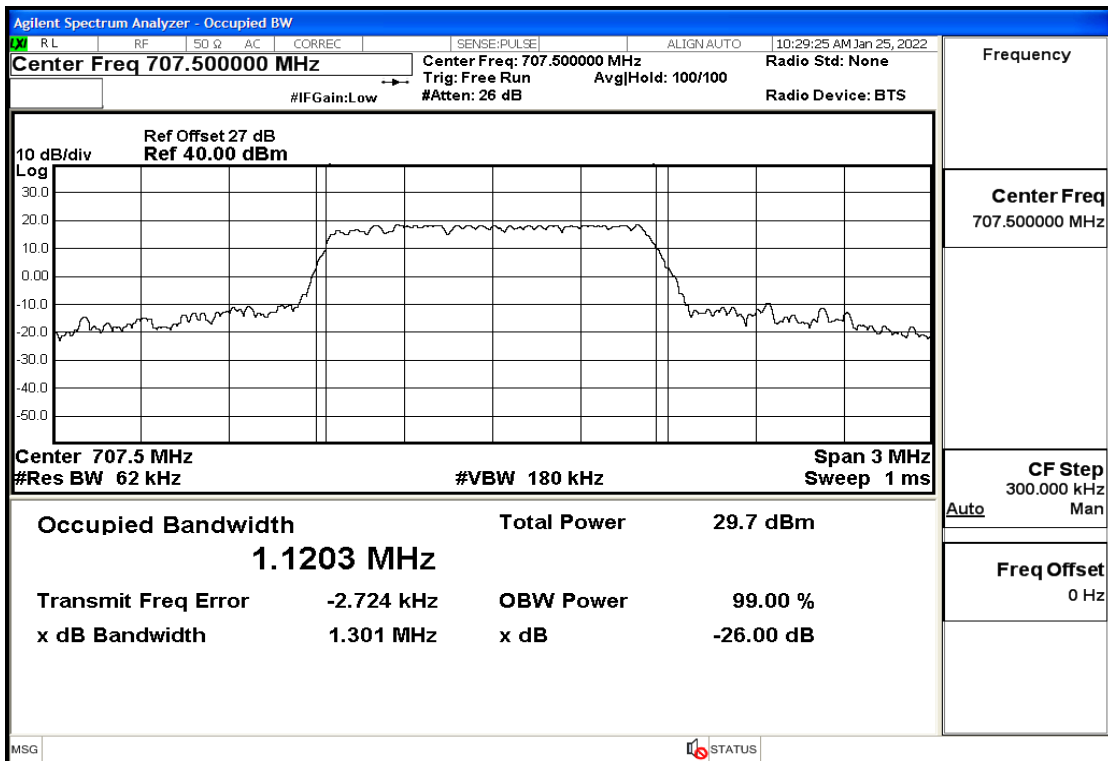
Band12-1.4-699.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



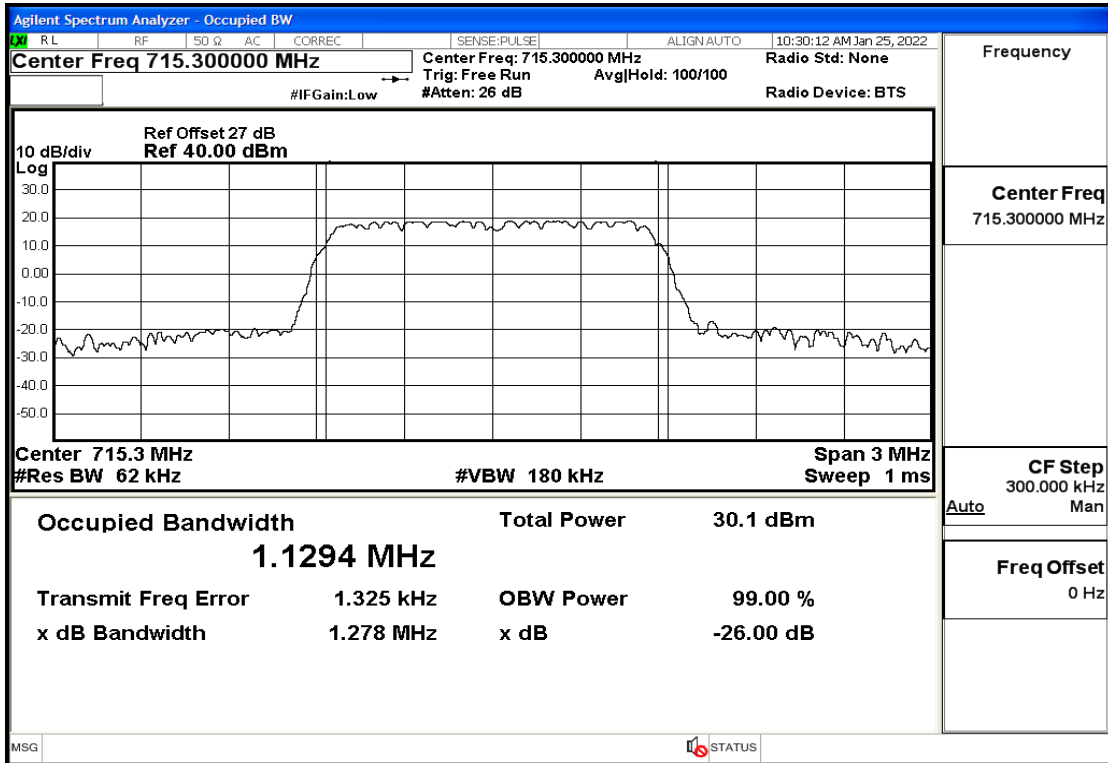
Band12-1.4-707.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



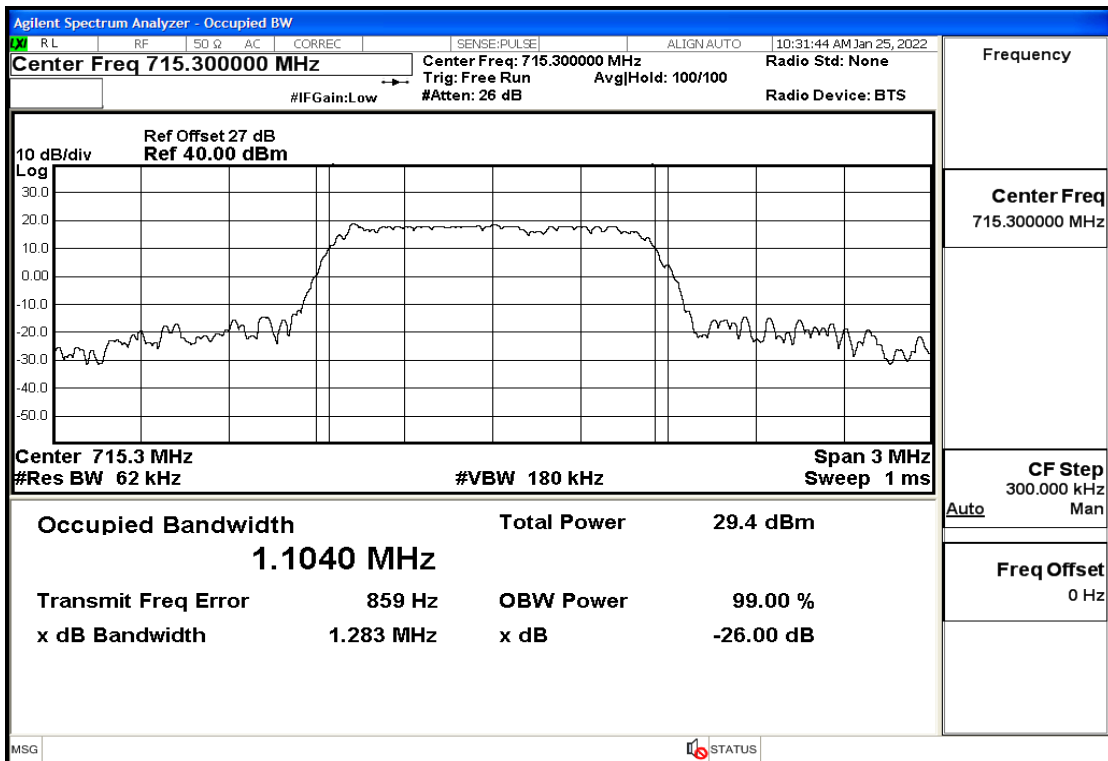
Band12-1.4-707.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



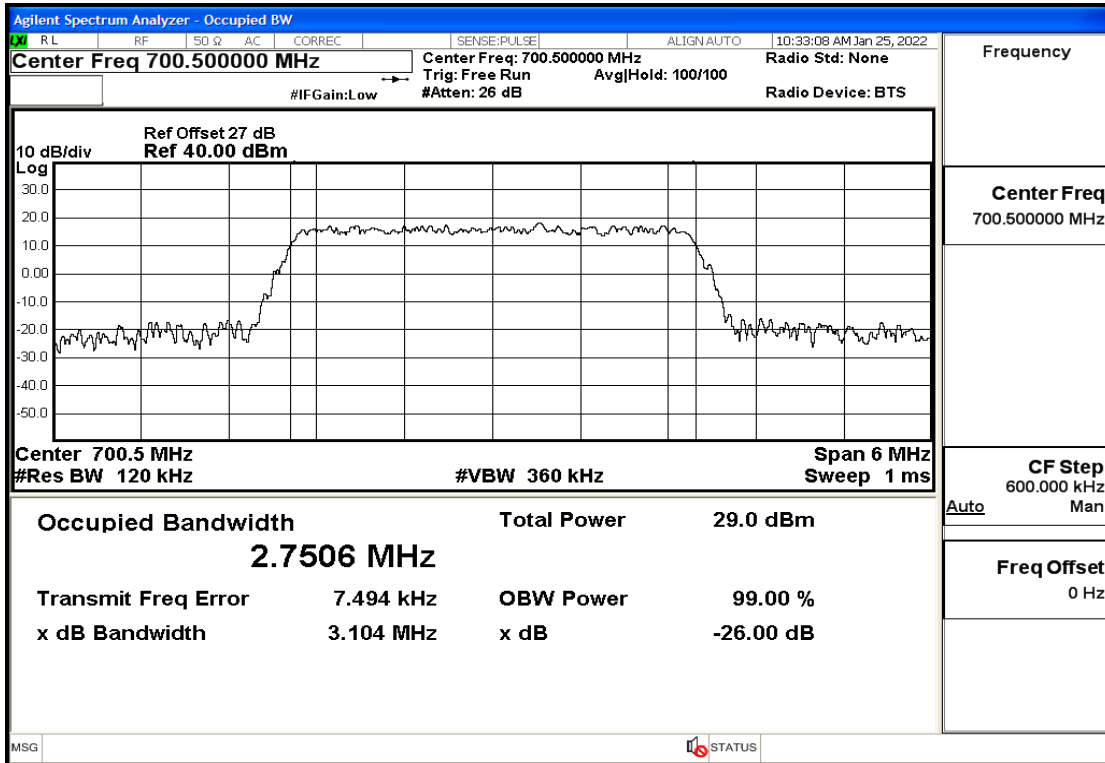
Band12-1.4-715.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



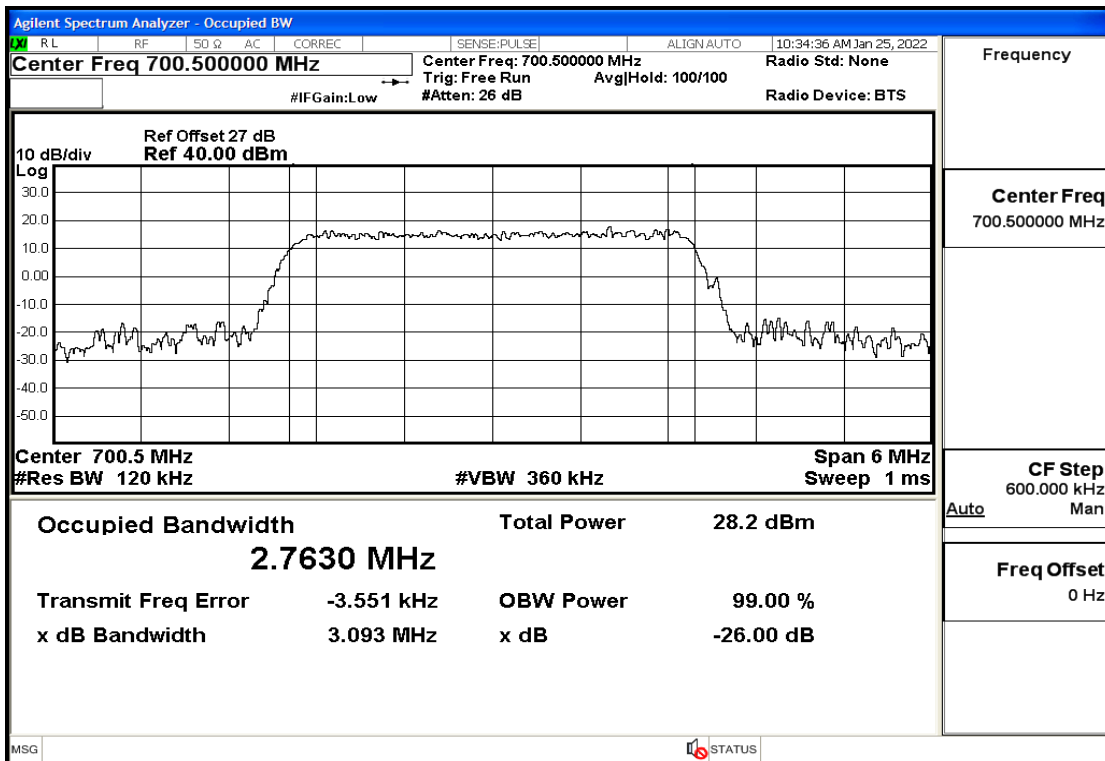
Band12-1.4-715.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



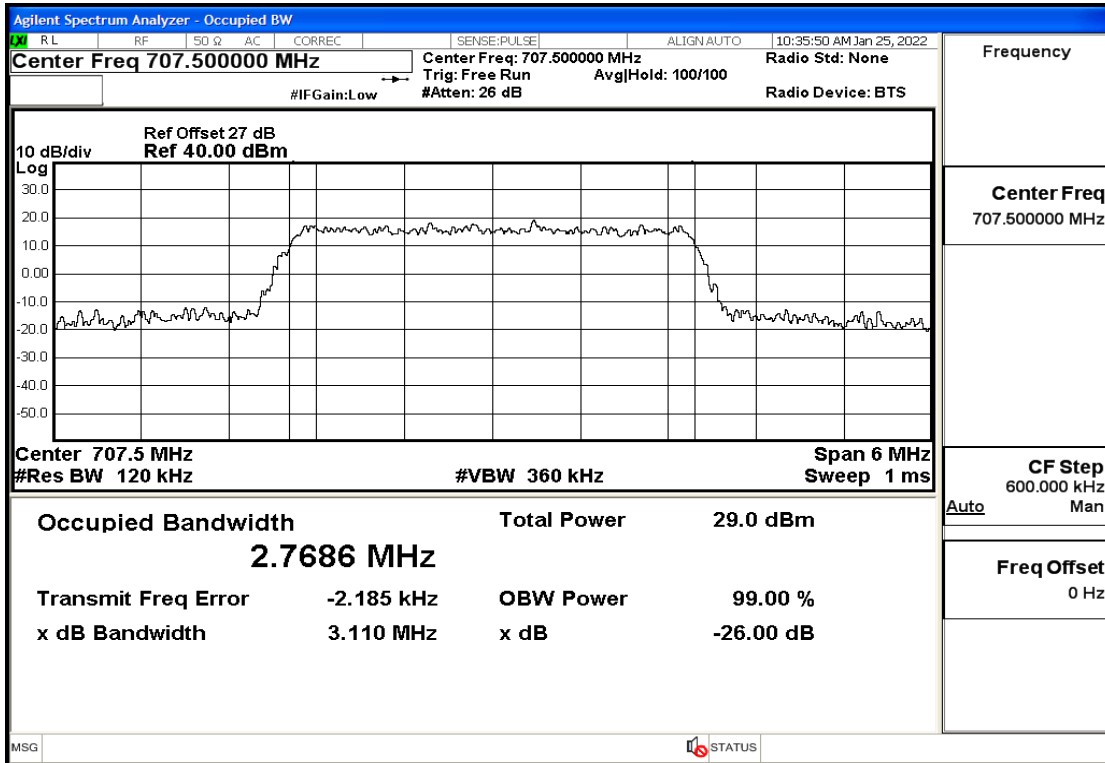
Band12-3-700.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



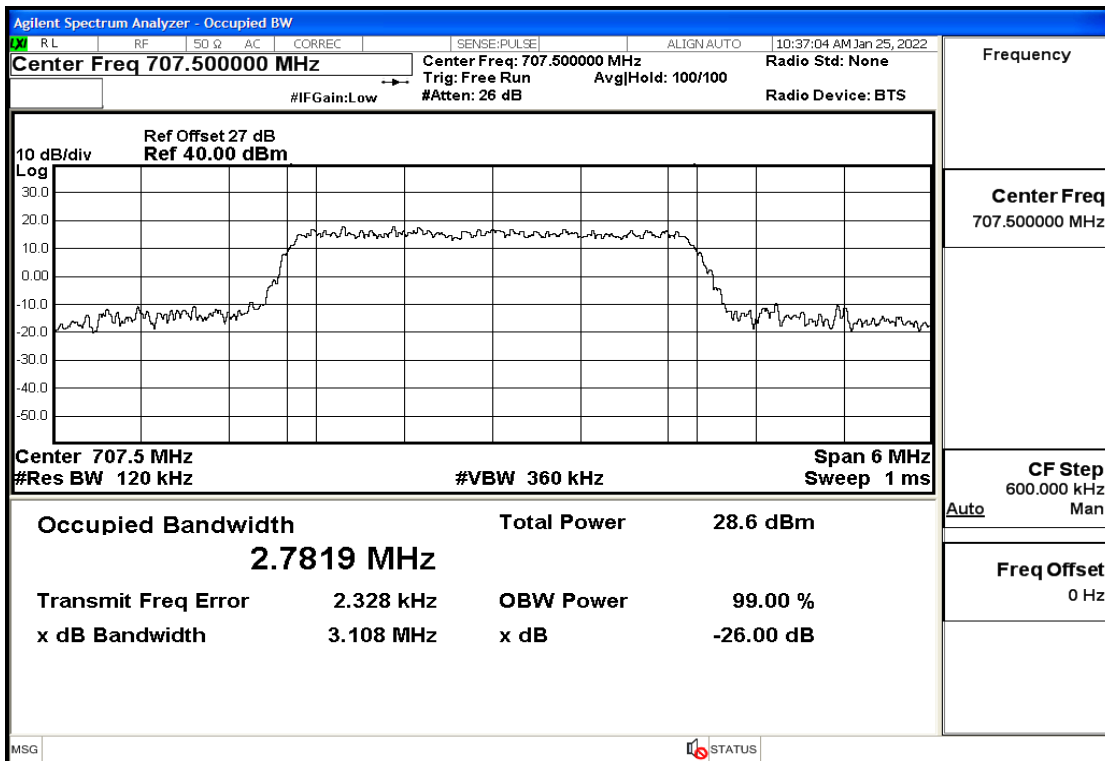
Band12-3-700.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



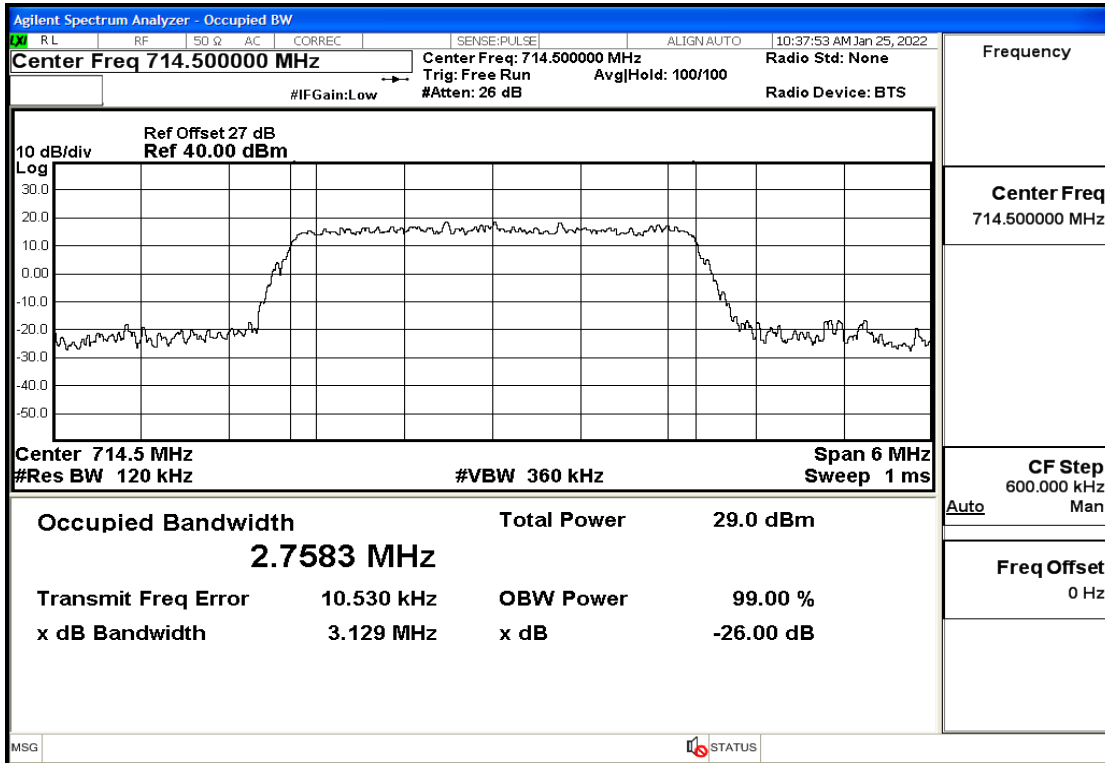
Band12-3-707.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



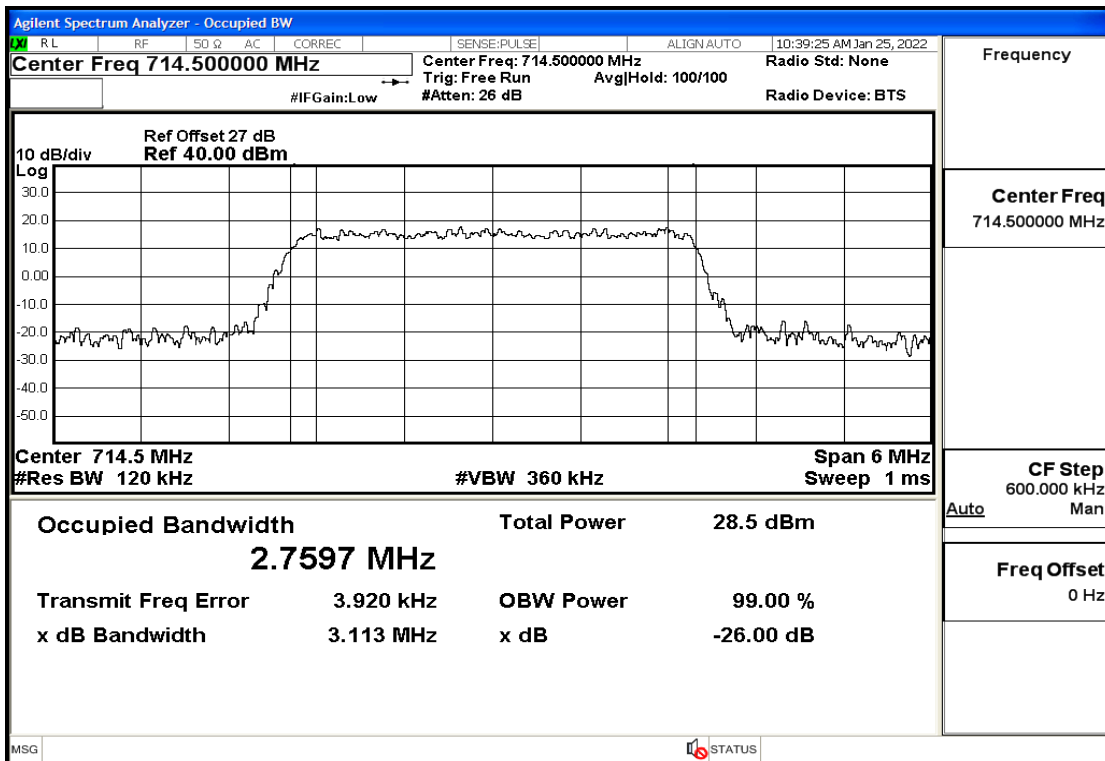
Band12-3-707.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



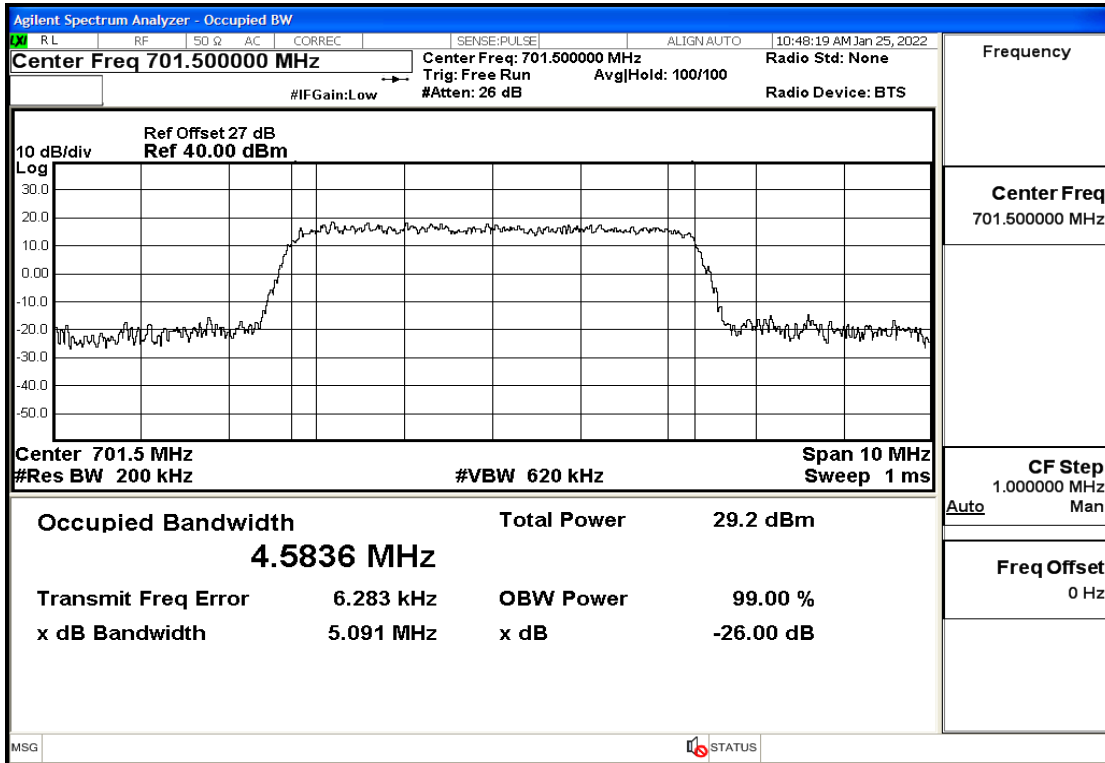
Band12-3-714.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



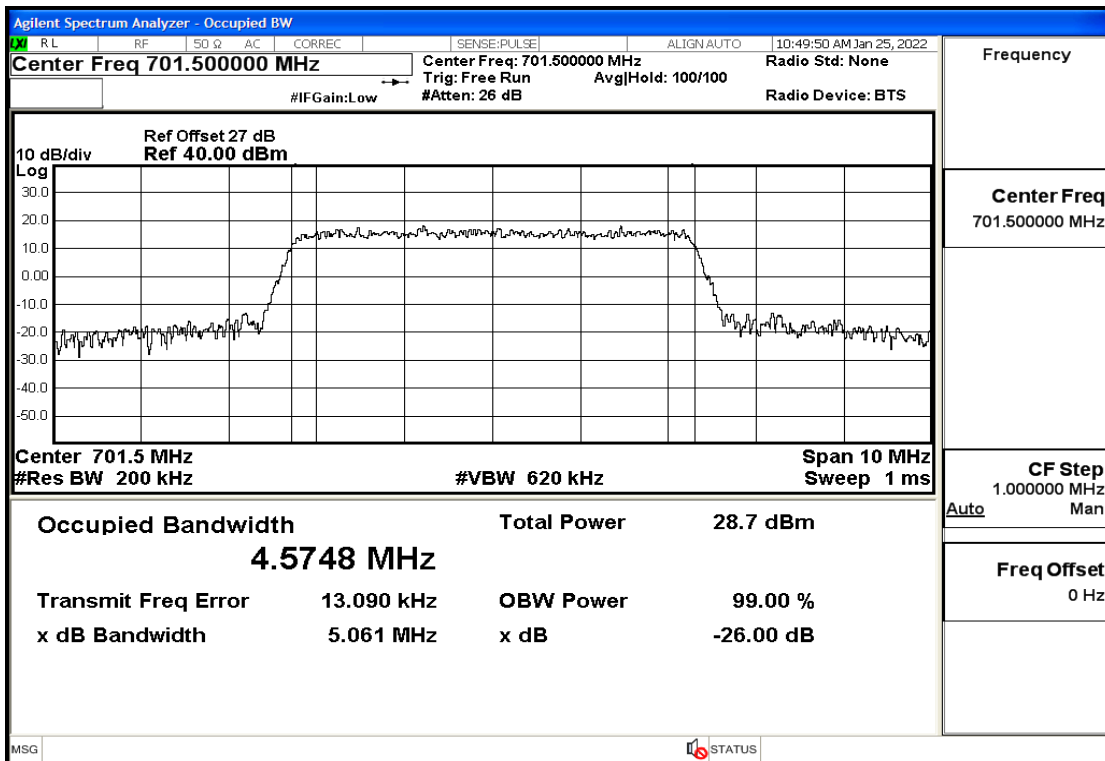
Band12-3-714.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



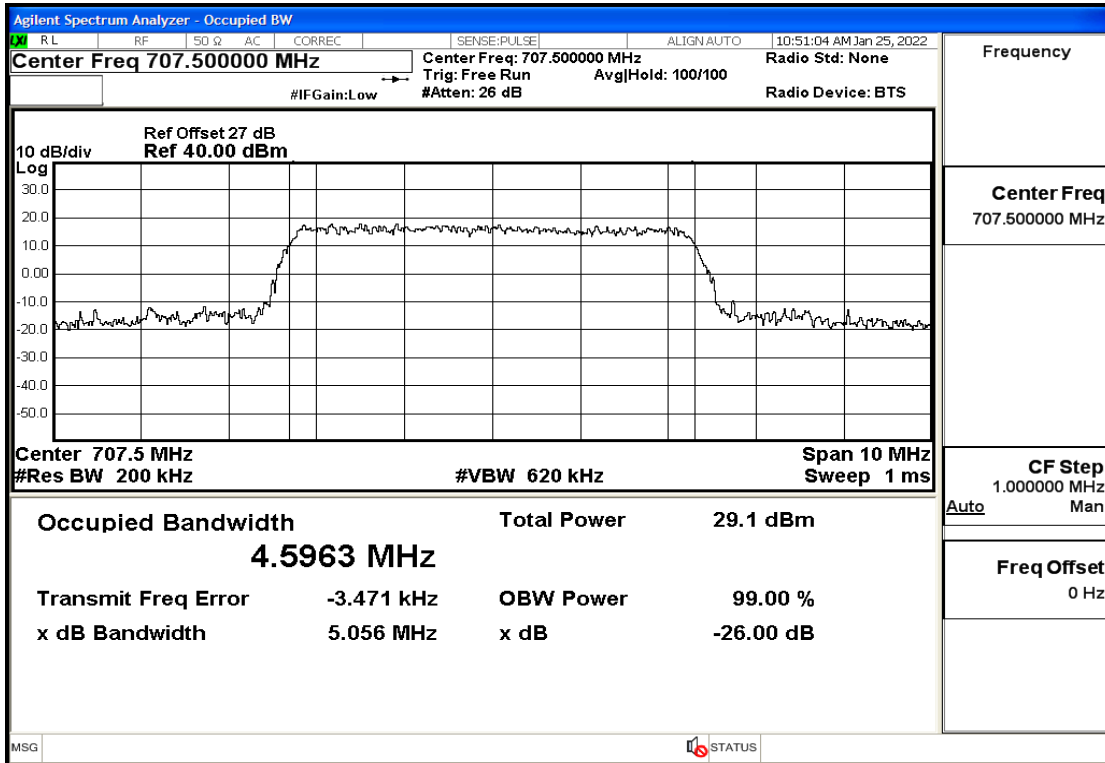
Band12-5-701.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



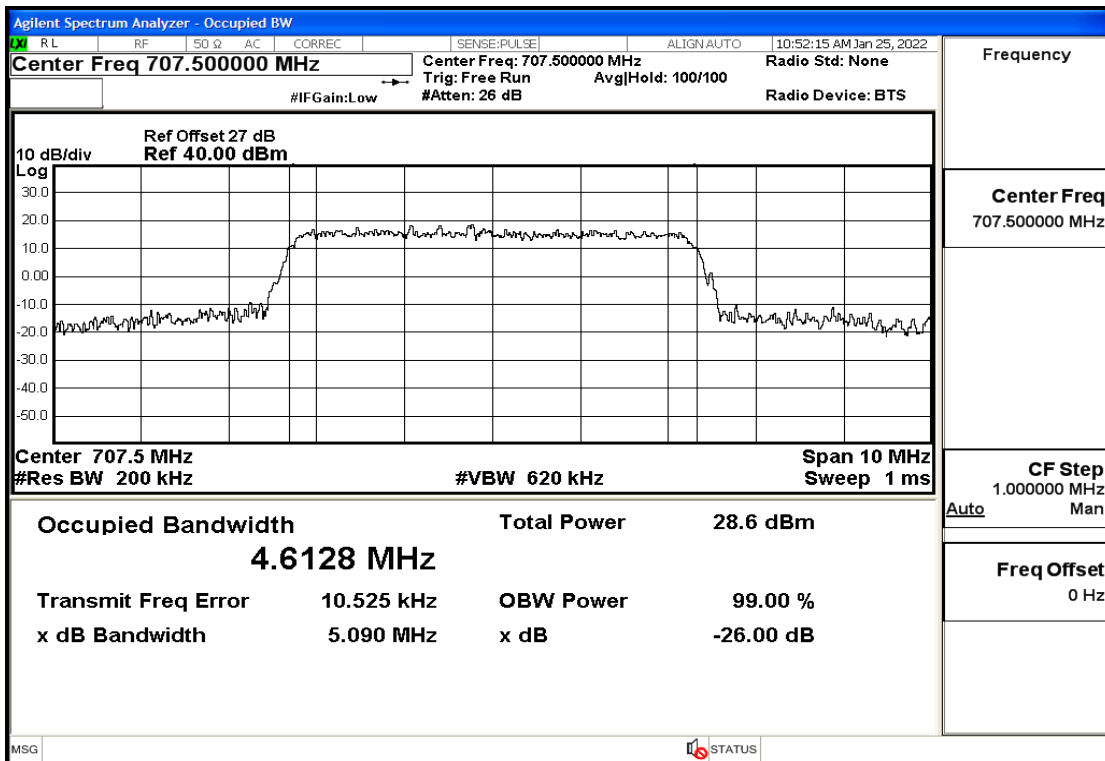
Band12-5-701.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



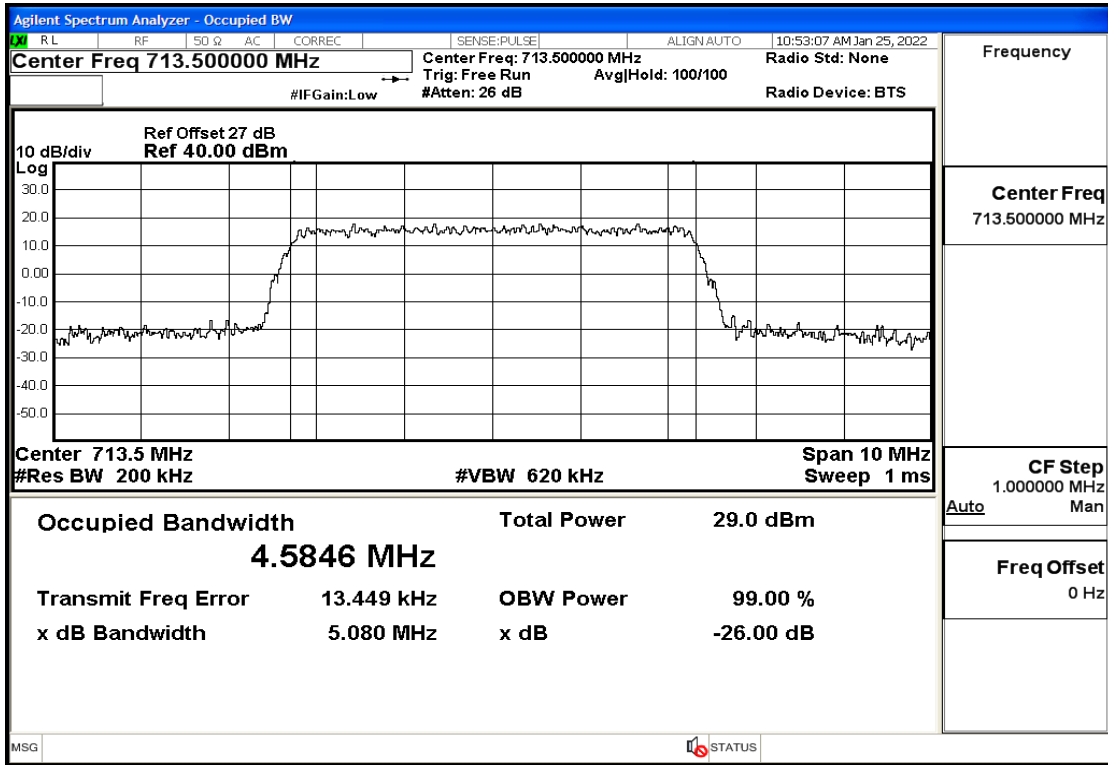
Band12-5-707.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



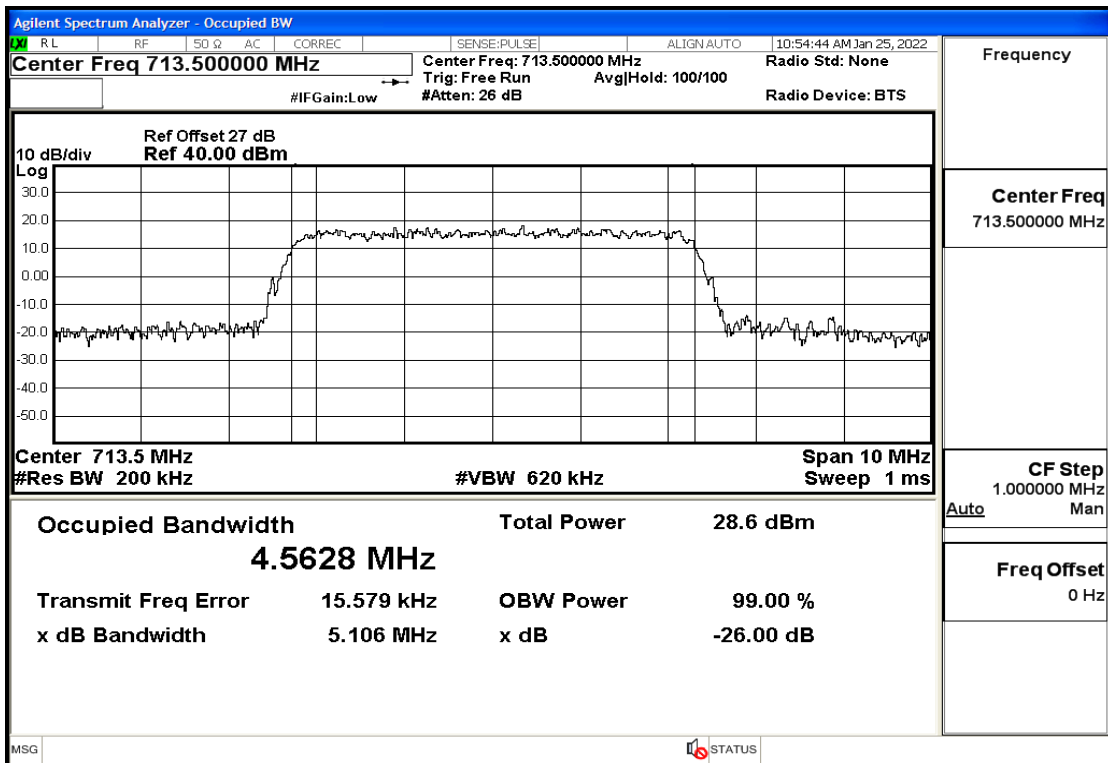
Band12-5-707.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



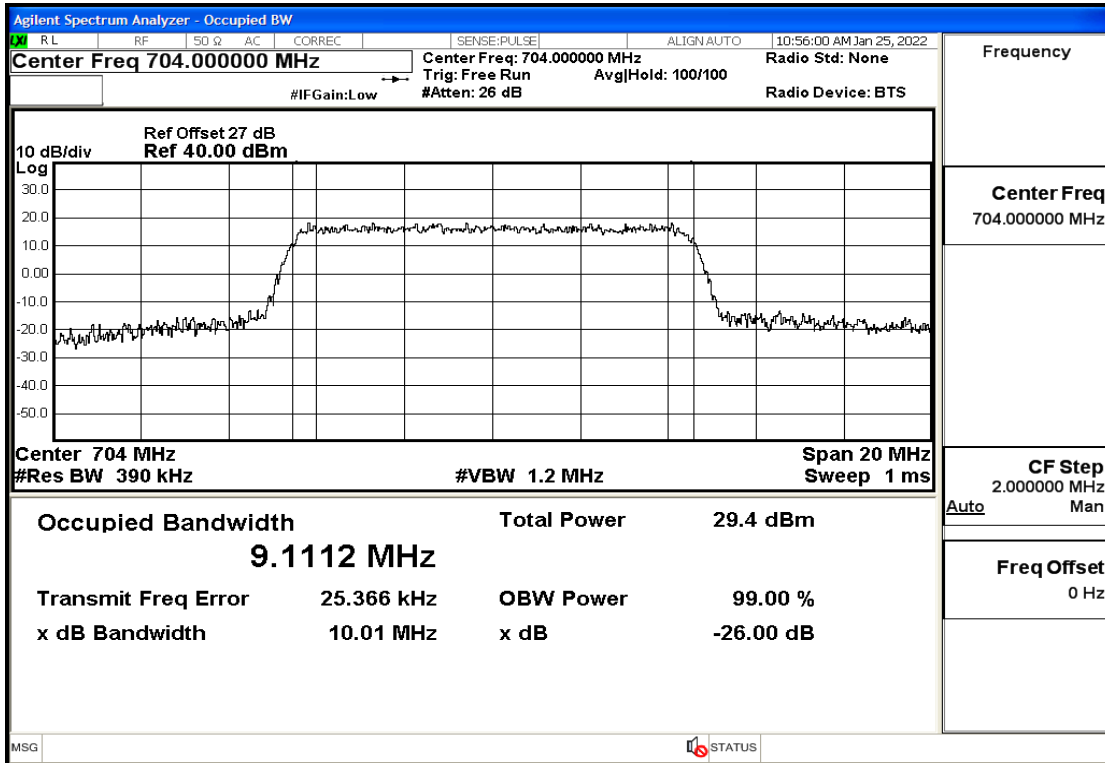
Band12-5-713.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



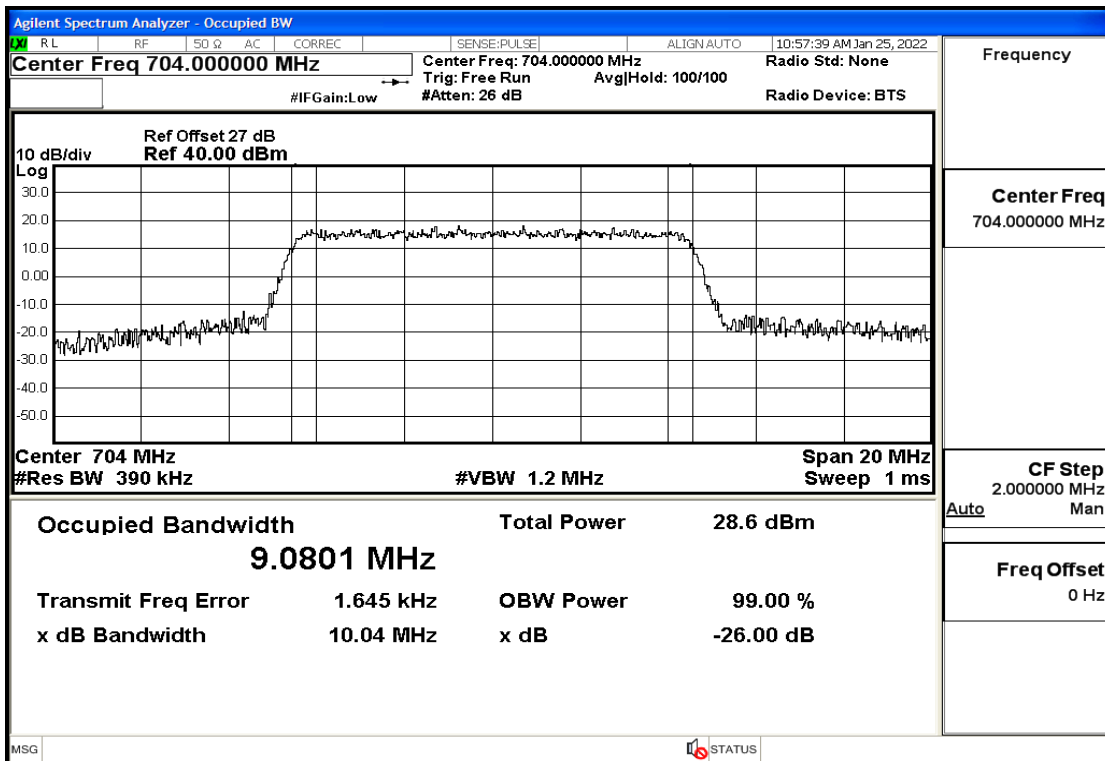
Band12-5-713.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



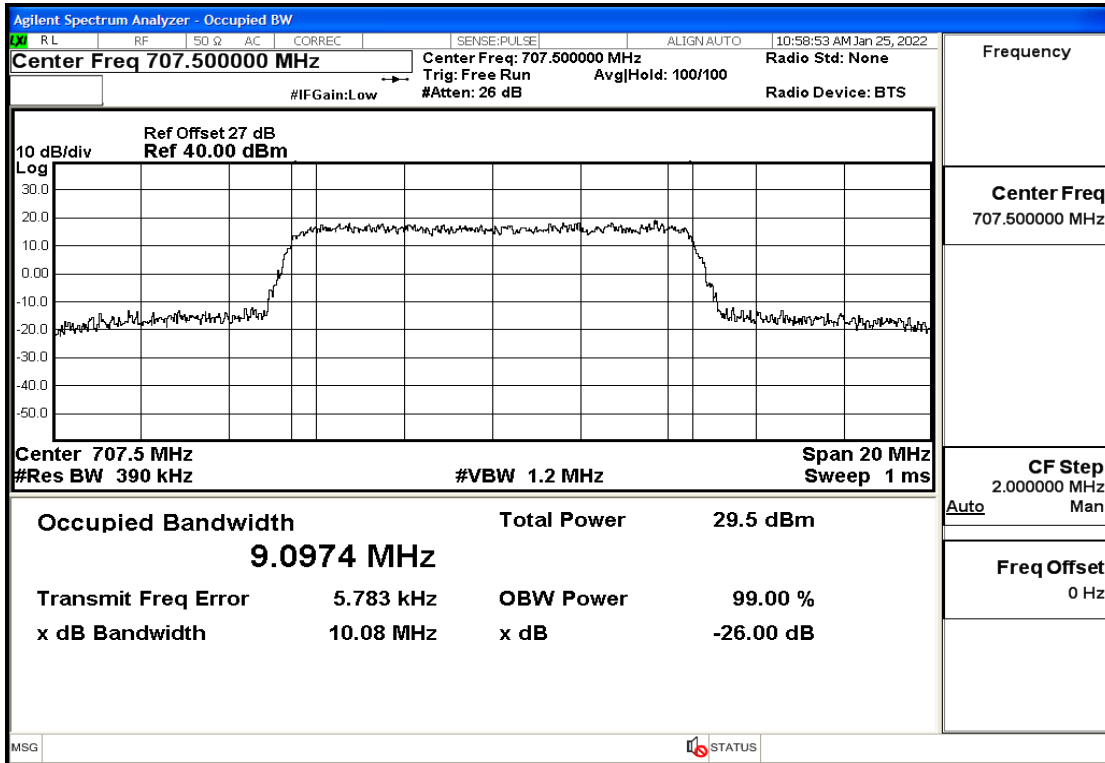
Band12-10-704-QPSK-50#LOW@26dB and 99PCT Bandwidth



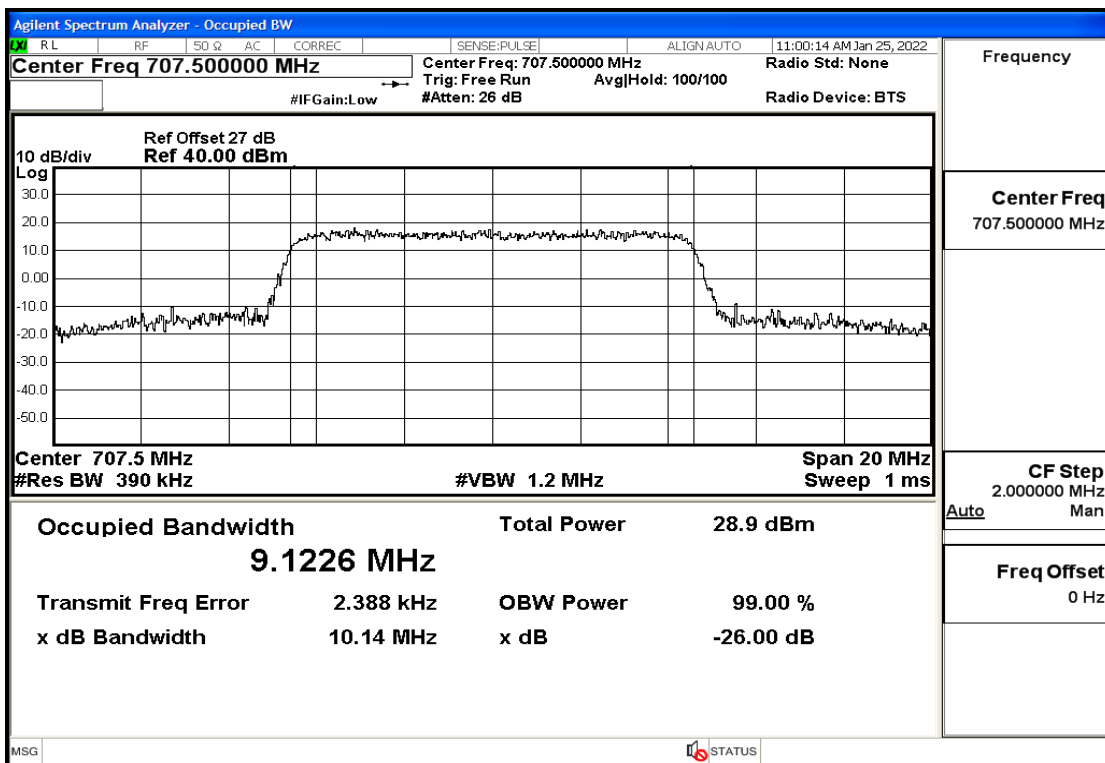
Band12-10-704-16QAM-50#LOW@26dB and 99PCT Bandwidth



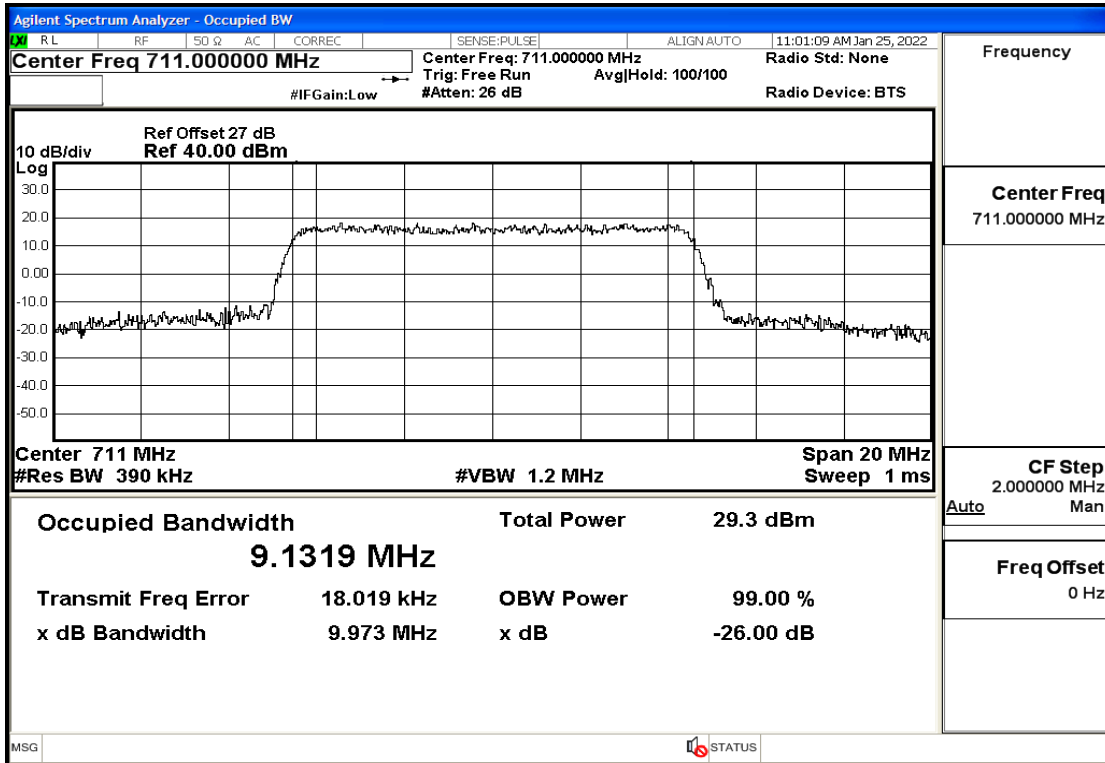
Band12-10-707.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



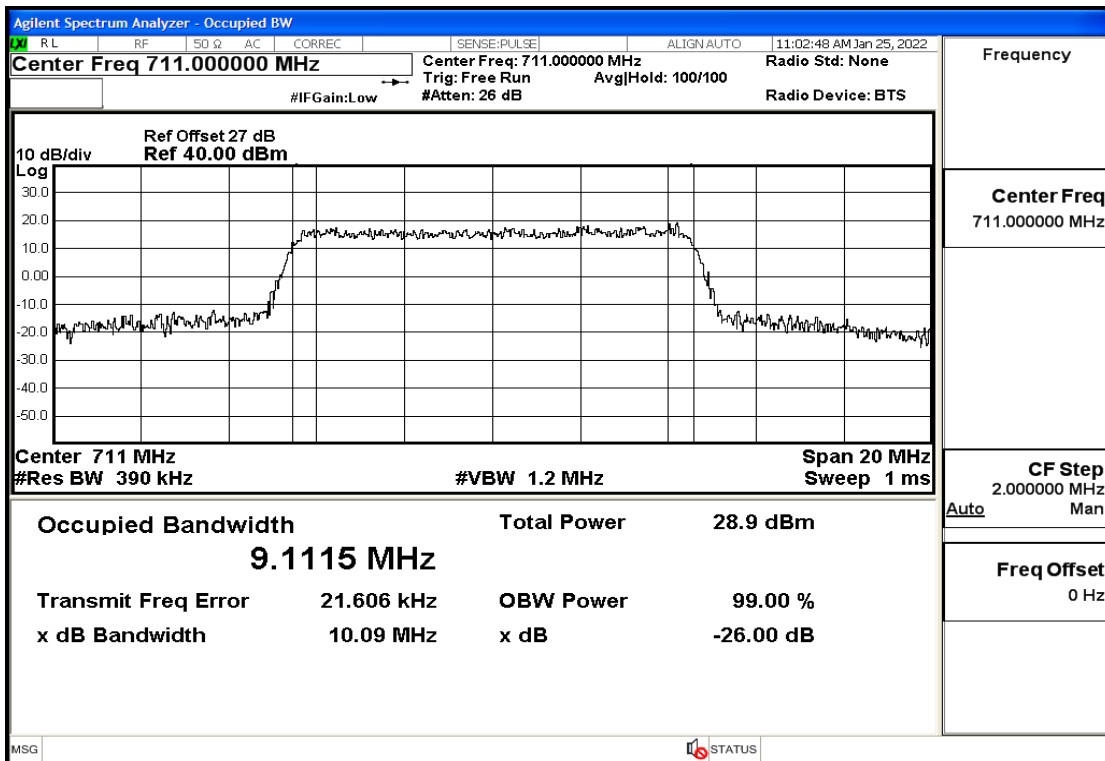
Band12-10-707.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



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	0.0695	PASS
40	Normal Voltage	0.0348	
30	Normal Voltage	0.0173	
20(Ref.)	Normal Voltage	0.0260	
10	Normal Voltage	0.0612	
0	Normal Voltage	0.0188	
-10	Normal Voltage	0.0496	
-20	Normal Voltage	0.0391	
-30	Normal Voltage	0.0177	
20	Maximum Voltage	0.0160	
20	Normal Voltage	0.0294	
20	Battery End Point	0.0695	

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	21.31	28.12	6.81	13	-0.68	18.48	34.8	Pass
Band12	1.4	699.7	QPSK	3	LOW	23.28	28.27	4.99	13	-0.68	20.45	34.8	Pass
Band12	1.4	699.7	QPSK	3	MID	23.24	28.28	5.04	13	-0.68	20.41	34.8	Pass
Band12	1.4	699.7	QPSK	3	HIGH	23.2	28.1	4.9	13	-0.68	20.37	34.8	Pass
Band12	1.4	699.7	QPSK	1	LOW	23.25	27.99	4.74	13	-0.68	20.42	34.8	Pass
Band12	1.4	699.7	QPSK	1	MID	23.11	27.71	4.6	13	-0.68	20.28	34.8	Pass
Band12	1.4	699.7	QPSK	1	HIGH	23.27	27.57	4.3	13	-0.68	20.44	34.8	Pass
Band12	1.4	699.7	16QAM	6	LOW	21.11	28.23	7.12	13	-0.68	18.28	34.8	Pass
Band12	1.4	699.7	16QAM	3	LOW	22.36	27.78	5.42	13	-0.68	19.53	34.8	Pass
Band12	1.4	699.7	16QAM	3	MID	22.2	27.74	5.54	13	-0.68	19.37	34.8	Pass
Band12	1.4	699.7	16QAM	3	HIGH	22.32	27.84	5.52	13	-0.68	19.49	34.8	Pass
Band12	1.4	699.7	16QAM	1	LOW	22.54	27.66	5.12	13	-0.68	19.71	34.8	Pass
Band12	1.4	699.7	16QAM	1	MID	22.56	27.57	5.01	13	-0.68	19.73	34.8	Pass
Band12	1.4	699.7	16QAM	1	HIGH	22.6	27.46	4.86	13	-0.68	19.77	34.8	Pass
Band12	1.4	707.5	QPSK	6	LOW	22.07	27.12	5.05	13	-0.68	19.24	34.8	Pass
Band12	1.4	707.5	QPSK	3	LOW	23.19	27.29	4.1	13	-0.68	20.36	34.8	Pass
Band12	1.4	707.5	QPSK	3	MID	23.18	27.29	4.11	13	-0.68	20.35	34.8	Pass
Band12	1.4	707.5	QPSK	3	HIGH	23.18	27.06	3.88	13	-0.68	20.35	34.8	Pass
Band12	1.4	707.5	QPSK	1	LOW	23.2	26.8	3.6	13	-0.68	20.37	34.8	Pass
Band12	1.4	707.5	QPSK	1	MID	23.34	26.8	3.46	13	-0.68	20.51	34.8	Pass
Band12	1.4	707.5	QPSK	1	HIGH	23.27	26.83	3.56	13	-0.68	20.44	34.8	Pass
Band12	1.4	707.5	16QAM	6	LOW	21.5	27.4	5.9	13	-0.68	18.67	34.8	Pass
Band12	1.4	707.5	16QAM	3	LOW	22.14	27.02	4.88	13	-0.68	19.31	34.8	Pass
Band12	1.4	707.5	16QAM	3	MID	22.29	27.03	4.74	13	-0.68	19.46	34.8	Pass
Band12	1.4	707.5	16QAM	3	HIGH	22.32	27.12	4.8	13	-0.68	19.49	34.8	Pass
Band12	1.4	707.5	16QAM	1	LOW	22.23	26.48	4.25	13	-0.68	19.4	34.8	Pass
Band12	1.4	707.5	16QAM	1	MID	22.27	26.38	4.11	13	-0.68	19.44	34.8	Pass
Band12	1.4	707.5	16QAM	1	HIGH	22.33	26.36	4.03	13	-0.68	19.5	34.8	Pass
Band12	1.4	715.3	QPSK	6	LOW	21.96	27.72	5.76	13	-0.68	19.13	34.8	Pass
Band12	1.4	715.3	QPSK	3	LOW	23.14	28.02	4.88	13	-0.68	20.31	34.8	Pass
Band12	1.4	715.3	QPSK	3	MID	23.13	27.98	4.85	13	-0.68	20.3	34.8	Pass
Band12	1.4	715.3	QPSK	3	HIGH	23.02	27.94	4.92	13	-0.68	20.19	34.8	Pass
Band12	1.4	715.3	QPSK	1	LOW	23.09	27.53	4.44	13	-0.68	20.26	34.8	Pass
Band12	1.4	715.3	QPSK	1	MID	23.03	27.55	4.52	13	-0.68	20.2	34.8	Pass
Band12	1.4	715.3	QPSK	1	HIGH	23.07	27.55	4.48	13	-0.68	20.24	34.8	Pass
Band12	1.4	715.3	16QAM	6	LOW	21.34	27.98	6.64	13	-0.68	18.51	34.8	Pass
Band12	1.4	715.3	16QAM	3	LOW	21.99	27.83	5.84	13	-0.68	19.16	34.8	Pass
Band12	1.4	715.3	16QAM	3	MID	21.98	27.81	5.83	13	-0.68	19.15	34.8	Pass
Band12	1.4	715.3	16QAM	3	HIGH	22.09	27.83	5.74	13	-0.68	19.26	34.8	Pass
Band12	1.4	715.3	16QAM	1	LOW	21.83	26.94	5.11	13	-0.68	19	34.8	Pass

Band12	1.4	715.3	16QAM	1	MID	22.02	27.04	5.02	13	-0.68	19.19	34.8	Pass
Band12	1.4	715.3	16QAM	1	HIGH	21.94	26.99	5.05	13	-0.68	19.11	34.8	Pass
Band12	3	700.5	QPSK	15	LOW	22.18	28.08	5.9	13	-0.68	19.35	34.8	Pass
Band12	3	700.5	QPSK	8	LOW	22.04	27.73	5.69	13	-0.68	19.21	34.8	Pass
Band12	3	700.5	QPSK	8	MID	22.03	27.77	5.74	13	-0.68	19.2	34.8	Pass
Band12	3	700.5	QPSK	8	HIGH	22.23	27.61	5.38	13	-0.68	19.4	34.8	Pass
Band12	3	700.5	QPSK	1	LOW	23.24	27.73	4.49	13	-0.68	20.41	34.8	Pass
Band12	3	700.5	QPSK	1	MID	23.11	27.24	4.13	13	-0.68	20.28	34.8	Pass
Band12	3	700.5	QPSK	1	HIGH	23.14	26.98	3.84	13	-0.68	20.31	34.8	Pass
Band12	3	700.5	16QAM	15	LOW	21.22	27.99	6.77	13	-0.68	18.39	34.8	Pass
Band12	3	700.5	16QAM	8	LOW	21.19	27.79	6.6	13	-0.68	18.36	34.8	Pass
Band12	3	700.5	16QAM	8	MID	21.19	27.77	6.58	13	-0.68	18.36	34.8	Pass
Band12	3	700.5	16QAM	8	HIGH	21.46	27.6	6.14	13	-0.68	18.63	34.8	Pass
Band12	3	700.5	16QAM	1	LOW	22.29	27.84	5.55	13	-0.68	19.46	34.8	Pass
Band12	3	700.5	16QAM	1	MID	22.3	27.48	5.18	13	-0.68	19.47	34.8	Pass
Band12	3	700.5	16QAM	1	HIGH	22.2	27.16	4.96	13	-0.68	19.37	34.8	Pass
Band12	3	707.5	QPSK	15	LOW	22.02	27.34	5.32	13	-0.68	19.19	34.8	Pass
Band12	3	707.5	QPSK	8	LOW	22.06	27.22	5.16	13	-0.68	19.23	34.8	Pass
Band12	3	707.5	QPSK	8	MID	22.06	27.28	5.22	13	-0.68	19.23	34.8	Pass
Band12	3	707.5	QPSK	8	HIGH	22.12	27.28	5.16	13	-0.68	19.29	34.8	Pass
Band12	3	707.5	QPSK	1	LOW	23.08	26.85	3.77	13	-0.68	20.25	34.8	Pass
Band12	3	707.5	QPSK	1	MID	23.21	26.79	3.58	13	-0.68	20.38	34.8	Pass
Band12	3	707.5	QPSK	1	HIGH	23.21	26.82	3.61	13	-0.68	20.38	34.8	Pass
Band12	3	707.5	16QAM	15	LOW	21.49	27.6	6.11	13	-0.68	18.66	34.8	Pass
Band12	3	707.5	16QAM	8	LOW	21.03	26.64	5.61	13	-0.68	18.2	34.8	Pass
Band12	3	707.5	16QAM	8	MID	21.04	26.88	5.84	13	-0.68	18.21	34.8	Pass
Band12	3	707.5	16QAM	8	HIGH	21.46	26.9	5.44	13	-0.68	18.63	34.8	Pass
Band12	3	707.5	16QAM	1	LOW	22.68	27.32	4.64	13	-0.68	19.85	34.8	Pass
Band12	3	707.5	16QAM	1	MID	22.84	27.14	4.3	13	-0.68	20.01	34.8	Pass
Band12	3	707.5	16QAM	1	HIGH	22.76	26.71	3.95	13	-0.68	19.93	34.8	Pass
Band12	3	714.5	QPSK	15	LOW	22.01	28.84	6.83	13	-0.68	19.18	34.8	Pass
Band12	3	714.5	QPSK	8	LOW	21.9	27.81	5.91	13	-0.68	19.07	34.8	Pass
Band12	3	714.5	QPSK	8	MID	21.9	27.77	5.87	13	-0.68	19.07	34.8	Pass
Band12	3	714.5	QPSK	8	HIGH	21.97	27.94	5.97	13	-0.68	19.14	34.8	Pass
Band12	3	714.5	QPSK	1	LOW	23.13	27.45	4.32	13	-0.68	20.3	34.8	Pass
Band12	3	714.5	QPSK	1	MID	23.21	27.59	4.38	13	-0.68	20.38	34.8	Pass
Band12	3	714.5	QPSK	1	HIGH	23.12	27.53	4.41	13	-0.68	20.29	34.8	Pass
Band12	3	714.5	16QAM	15	LOW	21.47	28.08	6.61	13	-0.68	18.64	34.8	Pass
Band12	3	714.5	16QAM	8	LOW	21.55	27.49	5.94	13	-0.68	18.72	34.8	Pass
Band12	3	714.5	16QAM	8	MID	21.56	27.64	6.08	13	-0.68	18.73	34.8	Pass
Band12	3	714.5	16QAM	8	HIGH	21.29	27.27	5.98	13	-0.68	18.46	34.8	Pass
Band12	3	714.5	16QAM	1	LOW	21.92	26.9	4.98	13	-0.68	19.09	34.8	Pass
Band12	3	714.5	16QAM	1	MID	21.66	26.81	5.15	13	-0.68	18.83	34.8	Pass
Band12	3	714.5	16QAM	1	HIGH	21.97	26.99	5.02	13	-0.68	19.14	34.8	Pass
Band12	5	701.5	QPSK	25	LOW	22.06	27.91	5.85	13	-0.68	19.23	34.8	Pass
Band12	5	701.5	QPSK	12	LOW	22.31	27.75	5.44	13	-0.68	19.48	34.8	Pass

Band12	5	701.5	QPSK	12	MID	22.31	27.74	5.43	13	-0.68	19.48	34.8	Pass
Band12	5	701.5	QPSK	12	HIGH	22.09	27.39	5.3	13	-0.68	19.26	34.8	Pass
Band12	5	701.5	QPSK	1	LOW	23.26	28.17	4.91	13	-0.68	20.43	34.8	Pass
Band12	5	701.5	QPSK	1	MID	23.09	27.37	4.28	13	-0.68	20.26	34.8	Pass
Band12	5	701.5	QPSK	1	HIGH	23.06	27.23	4.17	13	-0.68	20.23	34.8	Pass
Band12	5	701.5	16QAM	25	LOW	21.47	28.35	6.88	13	-0.68	18.64	34.8	Pass
Band12	5	701.5	16QAM	12	LOW	21.05	27.72	6.67	13	-0.68	18.22	34.8	Pass
Band12	5	701.5	16QAM	12	MID	21.06	27.7	6.64	13	-0.68	18.23	34.8	Pass
Band12	5	701.5	16QAM	12	HIGH	21.32	27.47	6.15	13	-0.68	18.49	34.8	Pass
Band12	5	701.5	16QAM	1	LOW	21.31	27.04	5.73	13	-0.68	18.48	34.8	Pass
Band12	5	701.5	16QAM	1	MID	21.28	26.61	5.33	13	-0.68	18.45	34.8	Pass
Band12	5	701.5	16QAM	1	HIGH	21.37	26.57	5.2	13	-0.68	18.54	34.8	Pass
Band12	5	707.5	QPSK	25	LOW	21.99	27.75	5.76	13	-0.68	19.16	34.8	Pass
Band12	5	707.5	QPSK	12	LOW	22.11	27.35	5.24	13	-0.68	19.28	34.8	Pass
Band12	5	707.5	QPSK	12	MID	22.11	27.34	5.23	13	-0.68	19.28	34.8	Pass
Band12	5	707.5	QPSK	12	HIGH	22.14	27.26	5.12	13	-0.68	19.31	34.8	Pass
Band12	5	707.5	QPSK	1	LOW	23.09	27.21	4.12	13	-0.68	20.26	34.8	Pass
Band12	5	707.5	QPSK	1	MID	23.29	26.8	3.51	13	-0.68	20.46	34.8	Pass
Band12	5	707.5	QPSK	1	HIGH	23.23	26.9	3.67	13	-0.68	20.4	34.8	Pass
Band12	5	707.5	16QAM	25	LOW	21.33	27.48	6.15	13	-0.68	18.5	34.8	Pass
Band12	5	707.5	16QAM	12	LOW	21	26.85	5.85	13	-0.68	18.17	34.8	Pass
Band12	5	707.5	16QAM	12	MID	21.01	26.9	5.89	13	-0.68	18.18	34.8	Pass
Band12	5	707.5	16QAM	12	HIGH	21.45	27.08	5.63	13	-0.68	18.62	34.8	Pass
Band12	5	707.5	16QAM	1	LOW	22.06	26.71	4.65	13	-0.68	19.23	34.8	Pass
Band12	5	707.5	16QAM	1	MID	22.13	26.58	4.45	13	-0.68	19.3	34.8	Pass
Band12	5	707.5	16QAM	1	HIGH	22.19	26.7	4.51	13	-0.68	19.36	34.8	Pass
Band12	5	713.5	QPSK	25	LOW	21.83	27.81	5.98	13	-0.68	19	34.8	Pass
Band12	5	713.5	QPSK	12	LOW	22.13	27.52	5.39	13	-0.68	19.3	34.8	Pass
Band12	5	713.5	QPSK	12	MID	22.13	27.51	5.38	13	-0.68	19.3	34.8	Pass
Band12	5	713.5	QPSK	12	HIGH	21.97	27.65	5.68	13	-0.68	19.14	34.8	Pass
Band12	5	713.5	QPSK	1	LOW	23.06	27.21	4.15	13	-0.68	20.23	34.8	Pass
Band12	5	713.5	QPSK	1	MID	23.04	27.61	4.57	13	-0.68	20.21	34.8	Pass
Band12	5	713.5	QPSK	1	HIGH	22.91	27.67	4.76	13	-0.68	20.08	34.8	Pass
Band12	5	713.5	16QAM	25	LOW	21.34	28.2	6.86	13	-0.68	18.51	34.8	Pass
Band12	5	713.5	16QAM	12	LOW	21.23	27.44	6.21	13	-0.68	18.4	34.8	Pass
Band12	5	713.5	16QAM	12	MID	21.23	27.47	6.24	13	-0.68	18.4	34.8	Pass
Band12	5	713.5	16QAM	12	HIGH	21.2	27.76	6.56	13	-0.68	18.37	34.8	Pass
Band12	5	713.5	16QAM	1	LOW	21.66	27.03	5.37	13	-0.68	18.83	34.8	Pass
Band12	5	713.5	16QAM	1	MID	21.6	27.4	5.8	13	-0.68	18.77	34.8	Pass
Band12	5	713.5	16QAM	1	HIGH	21.75	27.56	5.81	13	-0.68	18.92	34.8	Pass
Band12	10	704	QPSK	50	LOW	21.99	27.74	5.75	13	-0.68	19.16	34.8	Pass
Band12	10	704	QPSK	25	LOW	22.35	27.72	5.37	13	-0.68	19.52	34.8	Pass
Band12	10	704	QPSK	25	MID	22.35	27.68	5.33	13	-0.68	19.52	34.8	Pass
Band12	10	704	QPSK	25	HIGH	22.19	27.34	5.15	13	-0.68	19.36	34.8	Pass
Band12	10	704	QPSK	1	LOW	23.17	27.63	4.46	13	-0.68	20.34	34.8	Pass
Band12	10	704	QPSK	1	MID	23.04	26.84	3.8	13	-0.68	20.21	34.8	Pass

Band12	10	704	QPSK	1	HIGH	22.99	26.63	3.64	13	-0.68	20.16	34.8	Pass
Band12	10	704	16QAM	50	LOW	21.14	28.03	6.89	13	-0.68	18.31	34.8	Pass
Band12	10	704	16QAM	25	LOW	21.25	27.5	6.25	13	-0.68	18.42	34.8	Pass
Band12	10	704	16QAM	25	MID	21.25	27.5	6.25	13	-0.68	18.42	34.8	Pass
Band12	10	704	16QAM	25	HIGH	20.94	27.01	6.07	13	-0.68	18.11	34.8	Pass
Band12	10	704	16QAM	1	LOW	22.1	27.74	5.64	13	-0.68	19.27	34.8	Pass
Band12	10	704	16QAM	1	MID	22.14	27.06	4.92	13	-0.68	19.31	34.8	Pass
Band12	10	704	16QAM	1	HIGH	22.18	26.93	4.75	13	-0.68	19.35	34.8	Pass
Band12	10	707.5	QPSK	50	LOW	21.95	27.72	5.77	13	-0.68	19.12	34.8	Pass
Band12	10	707.5	QPSK	25	LOW	22.08	27.31	5.23	13	-0.68	19.25	34.8	Pass
Band12	10	707.5	QPSK	25	MID	22.08	27.2	5.12	13	-0.68	19.25	34.8	Pass
Band12	10	707.5	QPSK	25	HIGH	22.17	27.35	5.18	13	-0.68	19.34	34.8	Pass
Band12	10	707.5	QPSK	1	LOW	23.32	27.19	3.87	13	-0.68	20.49	34.8	Pass
Band12	10	707.5	QPSK	1	MID	23.28	26.82	3.54	13	-0.68	20.45	34.8	Pass
Band12	10	707.5	QPSK	1	HIGH	23.28	27.32	4.04	13	-0.68	20.45	34.8	Pass
Band12	10	707.5	16QAM	50	LOW	21.54	27.67	6.13	13	-0.68	18.71	34.8	Pass
Band12	10	707.5	16QAM	25	LOW	21	27.2	6.2	13	-0.68	18.17	34.8	Pass
Band12	10	707.5	16QAM	25	MID	21.01	27.22	6.21	13	-0.68	18.18	34.8	Pass
Band12	10	707.5	16QAM	25	HIGH	21.58	27.32	5.74	13	-0.68	18.75	34.8	Pass
Band12	10	707.5	16QAM	1	LOW	22.22	27.06	4.84	13	-0.68	19.39	34.8	Pass
Band12	10	707.5	16QAM	1	MID	22.32	26.37	4.05	13	-0.68	19.49	34.8	Pass
Band12	10	707.5	16QAM	1	HIGH	22.4	26.94	4.54	13	-0.68	19.57	34.8	Pass
Band12	10	711	QPSK	50	LOW	21.9	27.81	5.91	13	-0.68	19.07	34.8	Pass
Band12	10	711	QPSK	25	LOW	22.09	27.51	5.42	13	-0.68	19.26	34.8	Pass
Band12	10	711	QPSK	25	MID	22.09	27.4	5.31	13	-0.68	19.26	34.8	Pass
Band12	10	711	QPSK	25	HIGH	21.94	28.11	6.17	13	-0.68	19.11	34.8	Pass
Band12	10	711	QPSK	1	LOW	23.17	27.23	4.06	13	-0.68	20.34	34.8	Pass
Band12	10	711	QPSK	1	MID	23.31	27.15	3.84	13	-0.68	20.48	34.8	Pass
Band12	10	711	QPSK	1	HIGH	23.28	27.68	4.4	13	-0.68	20.45	34.8	Pass
Band12	10	711	16QAM	50	LOW	21.43	28.48	7.05	13	-0.68	18.6	34.8	Pass
Band12	10	711	16QAM	25	LOW	21.39	27.37	5.98	13	-0.68	18.56	34.8	Pass
Band12	10	711	16QAM	25	MID	21.4	27.38	5.98	13	-0.68	18.57	34.8	Pass
Band12	10	711	16QAM	25	HIGH	21.44	27.93	6.49	13	-0.68	18.61	34.8	Pass
Band12	10	711	16QAM	1	LOW	21.75	26.26	4.51	13	-0.68	18.92	34.8	Pass
Band12	10	711	16QAM	1	MID	21.68	26.51	4.83	13	-0.68	18.85	34.8	Pass
Band12	10	711	16QAM	1	HIGH	21.85	27	5.15	13	-0.68	19.02	34.8	Pass
Band17	5	706.5	QPSK	25	LOW	22.09	27.69	5.6	13	-0.69	19.25	34.8	Pass
Band17	5	706.5	QPSK	12	LOW	21.98	27.02	5.04	13	-0.69	19.14	34.8	Pass
Band17	5	706.5	QPSK	12	MID	21.98	27.1	5.12	13	-0.69	19.14	34.8	Pass
Band17	5	706.5	QPSK	12	HIGH	22	26.82	4.82	13	-0.69	19.16	34.8	Pass
Band17	5	706.5	QPSK	1	LOW	23.14	27.2	4.06	13	-0.69	20.3	34.8	Pass
Band17	5	706.5	QPSK	1	MID	22.93	26.95	4.02	13	-0.69	20.09	34.8	Pass
Band17	5	706.5	QPSK	1	HIGH	23.07	26.95	3.88	13	-0.69	20.23	34.8	Pass
Band17	5	706.5	16QAM	25	LOW	21.14	27.62	6.48	13	-0.69	18.3	34.8	Pass
Band17	5	706.5	16QAM	12	LOW	20.99	27.2	6.21	13	-0.69	18.15	34.8	Pass
Band17	5	706.5	16QAM	12	MID	21	27.17	6.17	13	-0.69	18.16	34.8	Pass

Band17	5	706.5	16QAM	12	HIGH	21.42	27.08	5.66	13	-0.69	18.58	34.8	Pass
Band17	5	706.5	16QAM	1	LOW	21.36	26.51	5.15	13	-0.69	18.52	34.8	Pass
Band17	5	706.5	16QAM	1	MID	21.33	26.36	5.03	13	-0.69	18.49	34.8	Pass
Band17	5	706.5	16QAM	1	HIGH	21.39	26.38	4.99	13	-0.69	18.55	34.8	Pass
Band17	5	710	QPSK	25	LOW	21.94	27.91	5.97	13	-0.69	19.1	34.8	Pass
Band17	5	710	QPSK	12	LOW	21.91	27.08	5.17	13	-0.69	19.07	34.8	Pass
Band17	5	710	QPSK	12	MID	21.91	27.09	5.18	13	-0.69	19.07	34.8	Pass
Band17	5	710	QPSK	12	HIGH	21.89	27.5	5.61	13	-0.69	19.05	34.8	Pass
Band17	5	710	QPSK	1	LOW	23.06	27.53	4.47	13	-0.69	20.22	34.8	Pass
Band17	5	710	QPSK	1	MID	23.08	26.87	3.79	13	-0.69	20.24	34.8	Pass
Band17	5	710	QPSK	1	HIGH	23.18	27.23	4.05	13	-0.69	20.34	34.8	Pass
Band17	5	710	16QAM	25	LOW	21.37	27.82	6.45	13	-0.69	18.53	34.8	Pass
Band17	5	710	16QAM	12	LOW	21.44	27.03	5.59	13	-0.69	18.6	34.8	Pass
Band17	5	710	16QAM	12	MID	21.45	27.06	5.61	13	-0.69	18.61	34.8	Pass
Band17	5	710	16QAM	12	HIGH	21.44	27.3	5.86	13	-0.69	18.6	34.8	Pass
Band17	5	710	16QAM	1	LOW	22.17	26.72	4.55	13	-0.69	19.33	34.8	Pass
Band17	5	710	16QAM	1	MID	22.13	26.75	4.62	13	-0.69	19.29	34.8	Pass
Band17	5	710	16QAM	1	HIGH	22.12	27.07	4.95	13	-0.69	19.28	34.8	Pass
Band17	5	713.5	QPSK	25	LOW	22	27.79	5.79	13	-0.69	19.16	34.8	Pass
Band17	5	713.5	QPSK	12	LOW	21.95	27.4	5.45	13	-0.69	19.11	34.8	Pass
Band17	5	713.5	QPSK	12	MID	21.95	27.39	5.44	13	-0.69	19.11	34.8	Pass
Band17	5	713.5	QPSK	12	HIGH	21.82	27.58	5.76	13	-0.69	18.98	34.8	Pass
Band17	5	713.5	QPSK	1	LOW	22.96	27.13	4.17	13	-0.69	20.12	34.8	Pass
Band17	5	713.5	QPSK	1	MID	23.03	27.57	4.54	13	-0.69	20.19	34.8	Pass
Band17	5	713.5	QPSK	1	HIGH	22.91	27.68	4.77	13	-0.69	20.07	34.8	Pass
Band17	5	713.5	16QAM	25	LOW	21.24	27.78	6.54	13	-0.69	18.4	34.8	Pass
Band17	5	713.5	16QAM	12	LOW	21.26	27.49	6.23	13	-0.69	18.42	34.8	Pass
Band17	5	713.5	16QAM	12	MID	21.24	27.25	6.01	13	-0.69	18.4	34.8	Pass
Band17	5	713.5	16QAM	12	HIGH	21.23	27.63	6.4	13	-0.69	18.39	34.8	Pass
Band17	5	713.5	16QAM	1	LOW	21.7	27.02	5.32	13	-0.69	18.86	34.8	Pass
Band17	5	713.5	16QAM	1	MID	21.48	27.36	5.88	13	-0.69	18.64	34.8	Pass
Band17	5	713.5	16QAM	1	HIGH	21.65	27.55	5.9	13	-0.69	18.81	34.8	Pass
Band17	10	709	QPSK	50	LOW	21.93	27.93	6	13	-0.69	19.09	34.8	Pass
Band17	10	709	QPSK	25	LOW	22.04	27.2	5.16	13	-0.69	19.2	34.8	Pass
Band17	10	709	QPSK	25	MID	21.91	27.16	5.25	13	-0.69	19.07	34.8	Pass
Band17	10	709	QPSK	25	HIGH	21.95	27.55	5.6	13	-0.69	19.11	34.8	Pass
Band17	10	709	QPSK	1	LOW	23	26.78	3.78	13	-0.69	20.16	34.8	Pass
Band17	10	709	QPSK	1	MID	23.03	26.64	3.61	13	-0.69	20.19	34.8	Pass
Band17	10	709	QPSK	1	HIGH	23	27.34	4.34	13	-0.69	20.16	34.8	Pass
Band17	10	709	16QAM	50	LOW	21.34	27.97	6.63	13	-0.69	18.5	34.8	Pass
Band17	10	709	16QAM	25	LOW	20.96	27	6.04	13	-0.69	18.12	34.8	Pass
Band17	10	709	16QAM	25	MID	20.97	27.08	6.11	13	-0.69	18.13	34.8	Pass
Band17	10	709	16QAM	25	HIGH	21.27	27.5	6.23	13	-0.69	18.43	34.8	Pass
Band17	10	709	16QAM	1	LOW	22.08	26.97	4.89	13	-0.69	19.24	34.8	Pass
Band17	10	709	16QAM	1	MID	22.16	26.81	4.65	13	-0.69	19.32	34.8	Pass
Band17	10	709	16QAM	1	HIGH	21.97	27.5	5.53	13	-0.69	19.13	34.8	Pass

Band17	10	710	QPSK	50	LOW	21.92	27.81	5.89	13	-0.69	19.08	34.8	Pass
Band17	10	710	QPSK	25	LOW	21.84	27.06	5.22	13	-0.69	19	34.8	Pass
Band17	10	710	QPSK	25	MID	21.84	27.01	5.17	13	-0.69	19	34.8	Pass
Band17	10	710	QPSK	25	HIGH	21.96	27.58	5.62	13	-0.69	19.12	34.8	Pass
Band17	10	710	QPSK	1	LOW	22.96	26.94	3.98	13	-0.69	20.12	34.8	Pass
Band17	10	710	QPSK	1	MID	23.02	26.85	3.83	13	-0.69	20.18	34.8	Pass
Band17	10	710	QPSK	1	HIGH	22.95	27.57	4.62	13	-0.69	20.11	34.8	Pass
Band17	10	710	16QAM	50	LOW	21.47	27.83	6.36	13	-0.69	18.63	34.8	Pass
Band17	10	710	16QAM	25	LOW	21.45	27.24	5.79	13	-0.69	18.61	34.8	Pass
Band17	10	710	16QAM	25	MID	21.46	27.24	5.78	13	-0.69	18.62	34.8	Pass
Band17	10	710	16QAM	25	HIGH	21.43	27.82	6.39	13	-0.69	18.59	34.8	Pass
Band17	10	710	16QAM	1	LOW	22.25	27.24	4.99	13	-0.69	19.41	34.8	Pass
Band17	10	710	16QAM	1	MID	22.14	26.42	4.28	13	-0.69	19.3	34.8	Pass
Band17	10	710	16QAM	1	HIGH	22.14	27.28	5.14	13	-0.69	19.3	34.8	Pass
Band17	10	711	QPSK	50	LOW	22.05	27.89	5.84	13	-0.69	19.21	34.8	Pass
Band17	10	711	QPSK	25	LOW	21.86	27.43	5.57	13	-0.69	19.02	34.8	Pass
Band17	10	711	QPSK	25	MID	21.86	27.43	5.57	13	-0.69	19.02	34.8	Pass
Band17	10	711	QPSK	25	HIGH	21.78	28.03	6.25	13	-0.69	18.94	34.8	Pass
Band17	10	711	QPSK	1	LOW	23.06	27.12	4.06	13	-0.69	20.22	34.8	Pass
Band17	10	711	QPSK	1	MID	23.13	27.05	3.92	13	-0.69	20.29	34.8	Pass
Band17	10	711	QPSK	1	HIGH	23.26	27.67	4.41	13	-0.69	20.42	34.8	Pass
Band17	10	711	16QAM	50	LOW	21.29	28.36	7.07	13	-0.69	18.45	34.8	Pass
Band17	10	711	16QAM	25	LOW	21.39	27.2	5.81	13	-0.69	18.55	34.8	Pass
Band17	10	711	16QAM	25	MID	21.4	27.35	5.95	13	-0.69	18.56	34.8	Pass
Band17	10	711	16QAM	25	HIGH	21.44	27.97	6.53	13	-0.69	18.6	34.8	Pass
Band17	10	711	16QAM	1	LOW	21.75	26.28	4.53	13	-0.69	18.91	34.8	Pass
Band17	10	711	16QAM	1	MID	21.68	26.49	4.81	13	-0.69	18.84	34.8	Pass
Band17	10	711	16QAM	1	HIGH	21.85	27	5.15	13	-0.69	19.01	34.8	Pass