

RF Test Data for LTE (Conducted Measurement)

Product Name: Pro¹ X

Trade Mark: F

Test Model: QX1050

Sample ID: TZ211202763-1#

FCC ID: 2AUCLQX1050

Environmental Conditions

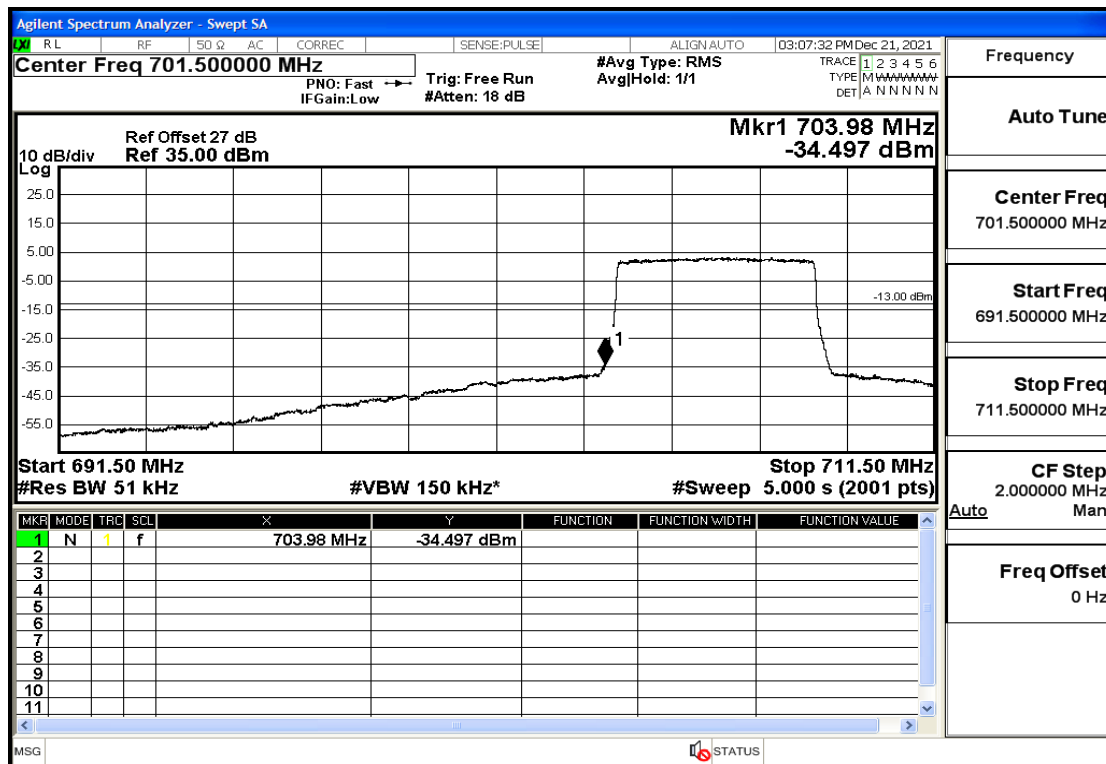
Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band12/17

Band Edge and Emission Mask

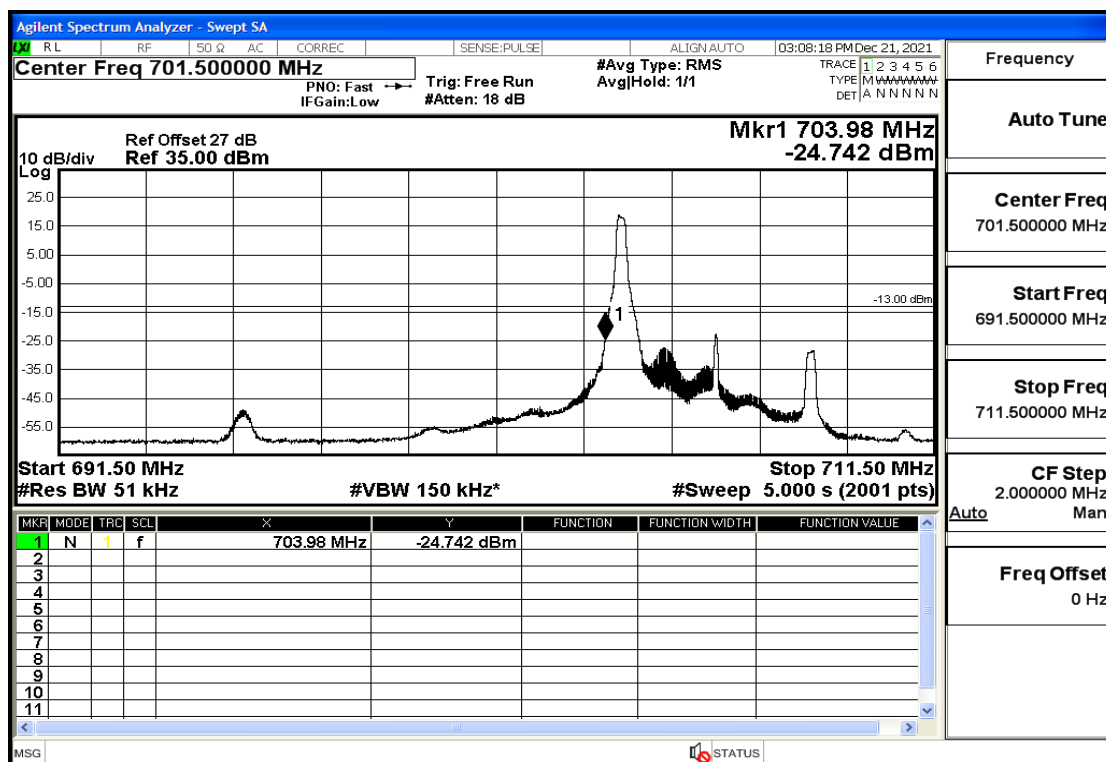
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band17	5	706.5	QPSK	25	LOW	Pass
Band17	5	706.5	QPSK	1	LOW	Pass
Band17	5	706.5	16QAM	25	LOW	Pass
Band17	5	706.5	16QAM	1	LOW	Pass
Band17	5	713.5	QPSK	25	LOW	Pass
Band17	5	713.5	QPSK	1	HIGH	Pass
Band17	5	713.5	16QAM	25	LOW	Pass
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

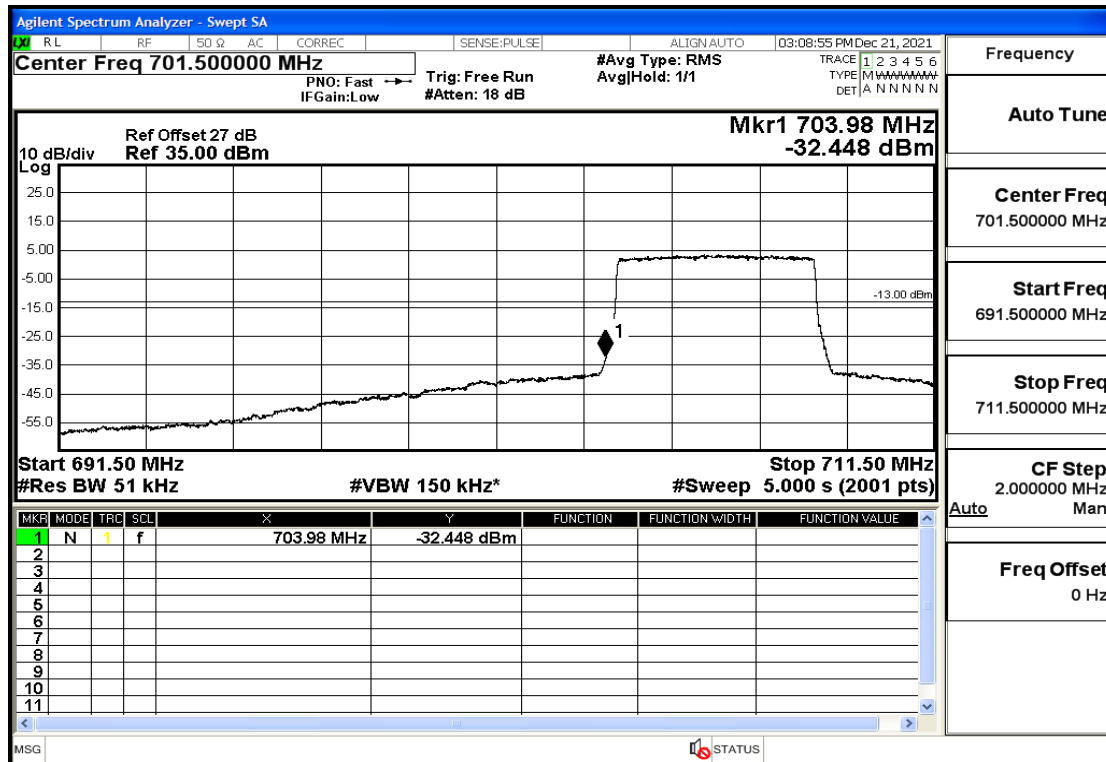
Band17-5-706.5-QPSK-25#LOW@Pass



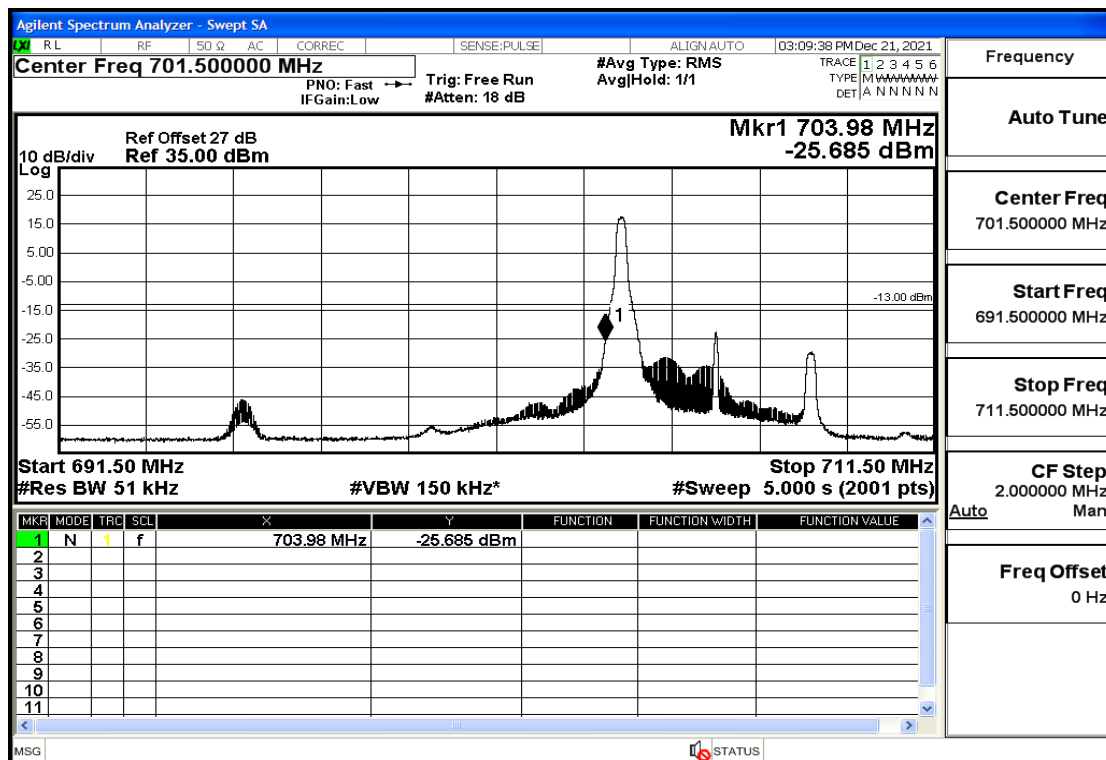
Band17-5-706.5-QPSK-1#LOW@Pass



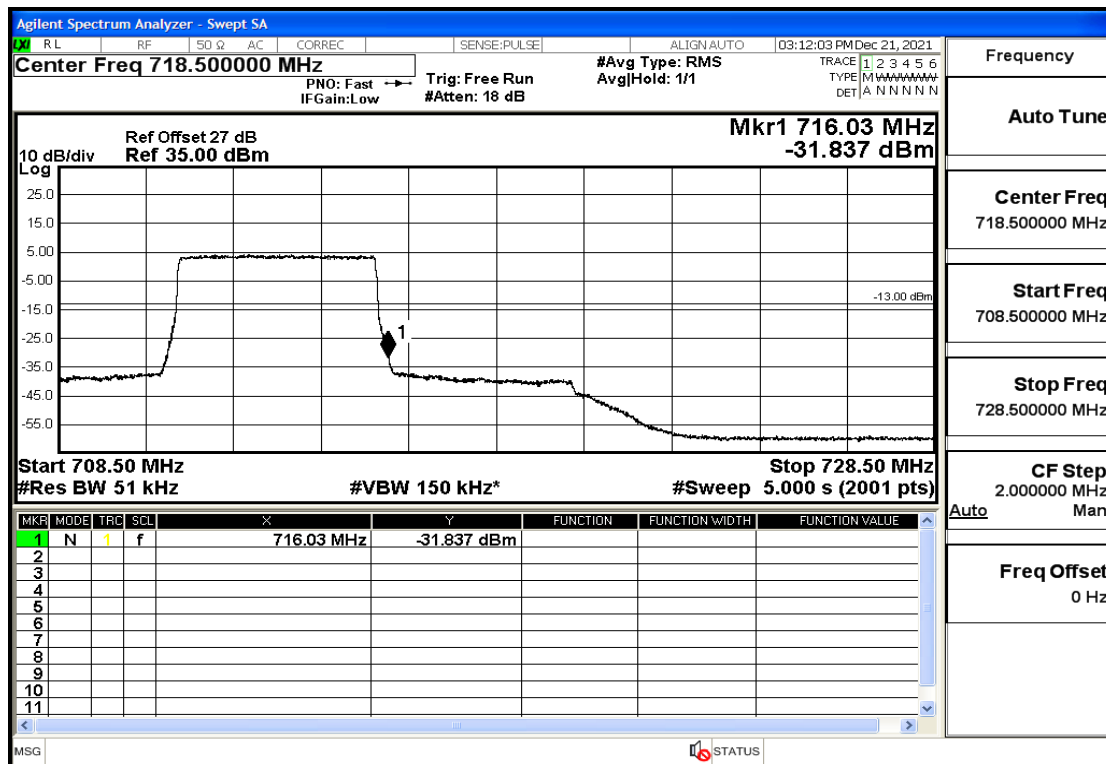
Band17-5-706.5-16QAM-25#LOW@Pass



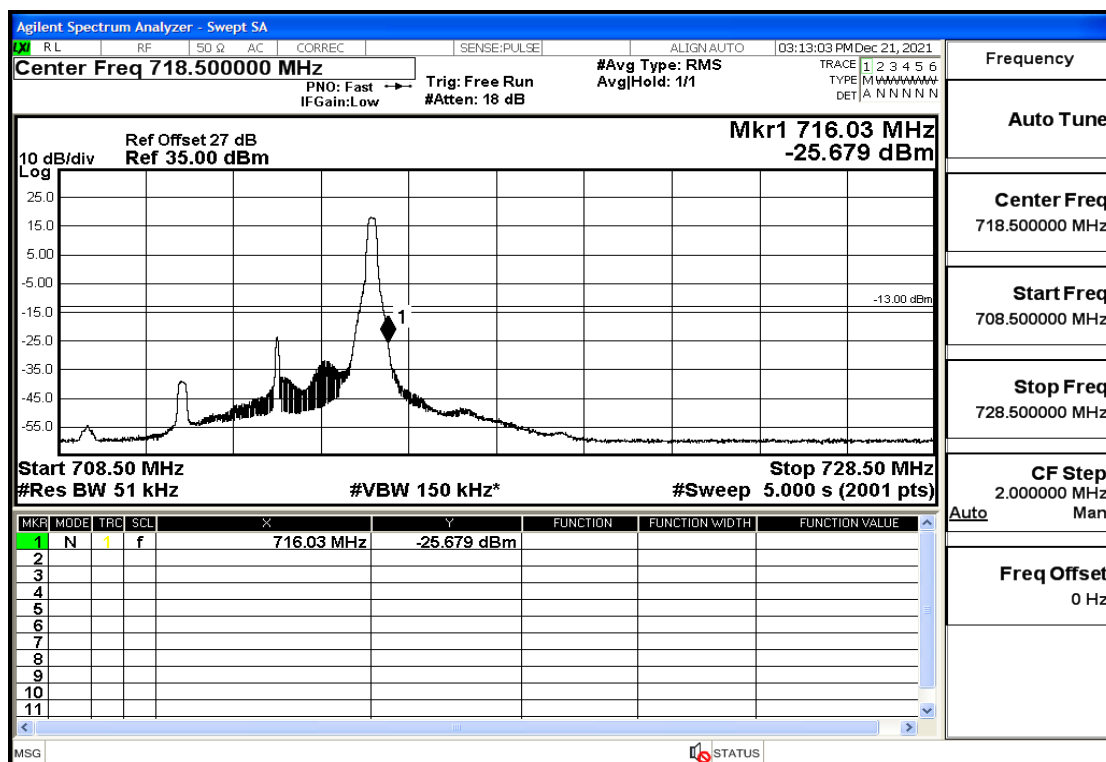
Band17-5-706.5-16QAM-1#LOW@Pass



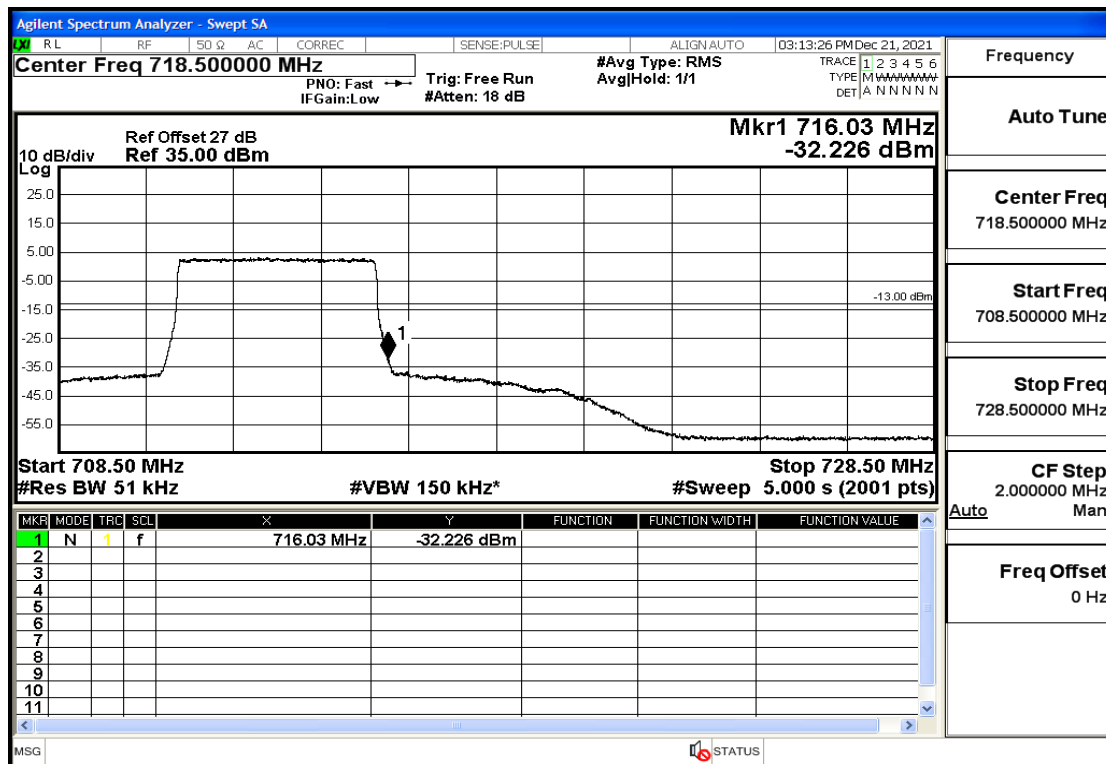
Band17-5-713.5-QPSK-25#LOW@Pass



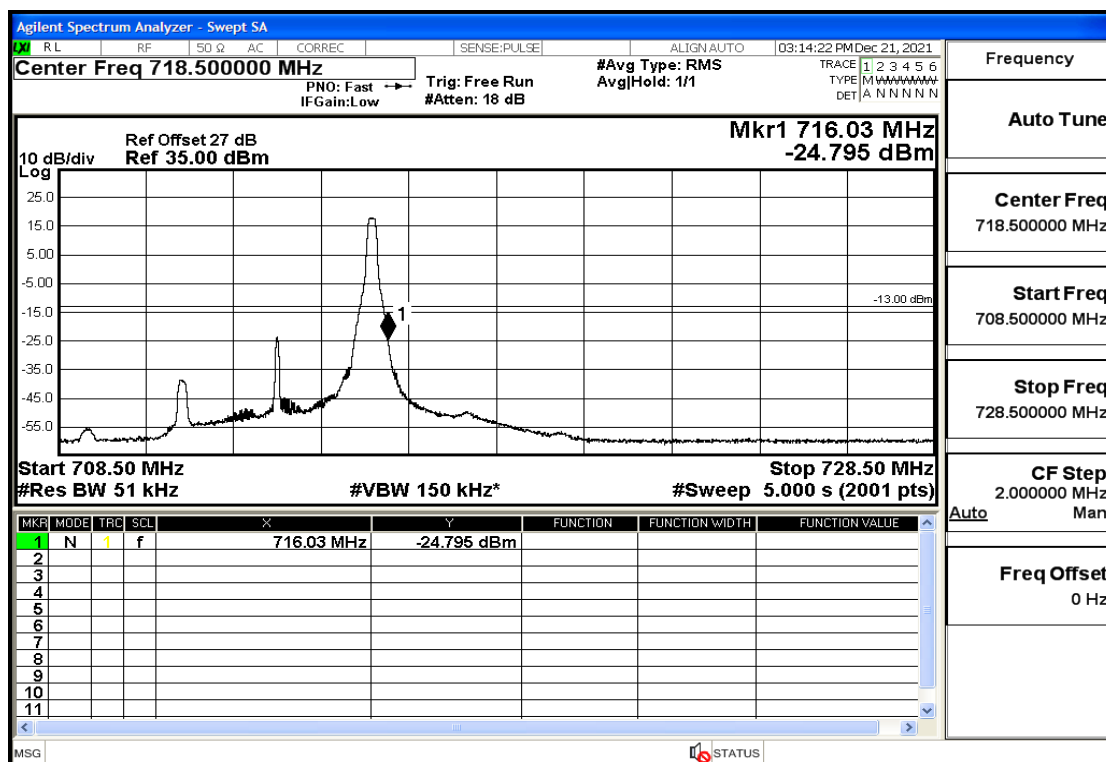
Band17-5-713.5-QPSK-1#HIGH@Pass



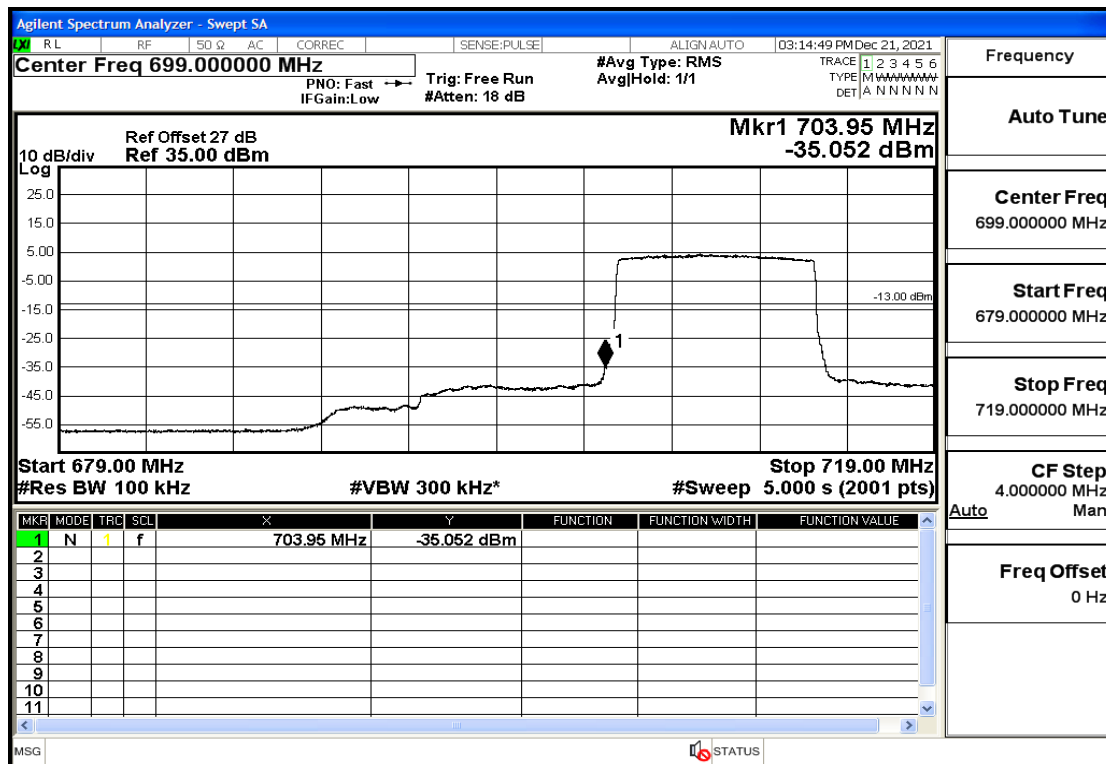
Band17-5-713.5-16QAM-25#LOW@Pass



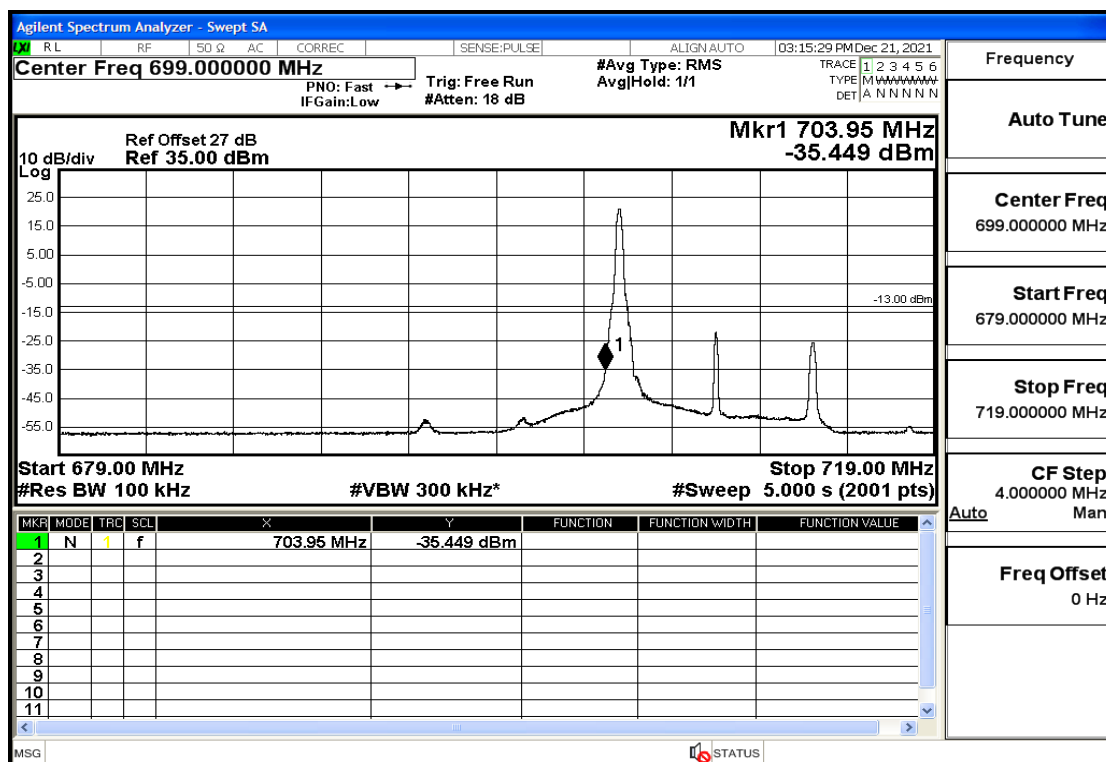
Band17-5-713.5-16QAM-1#HIGH@Pass



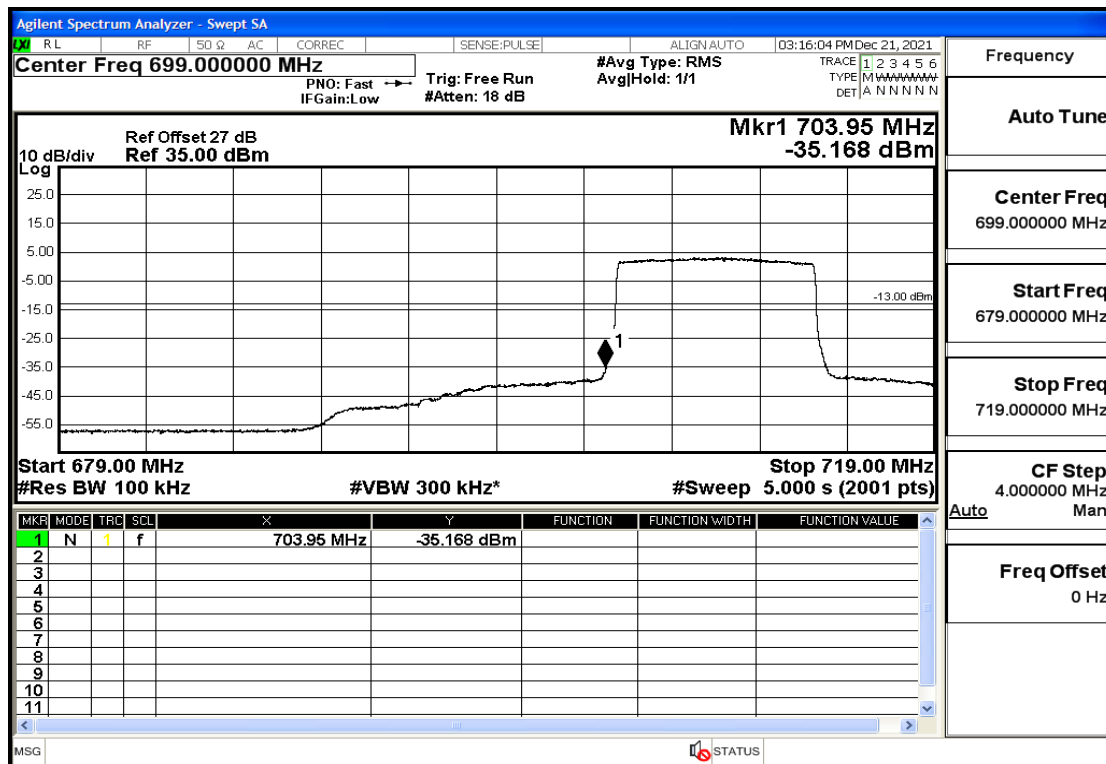
Band17-10-709-QPSK-50#LOW@Pass



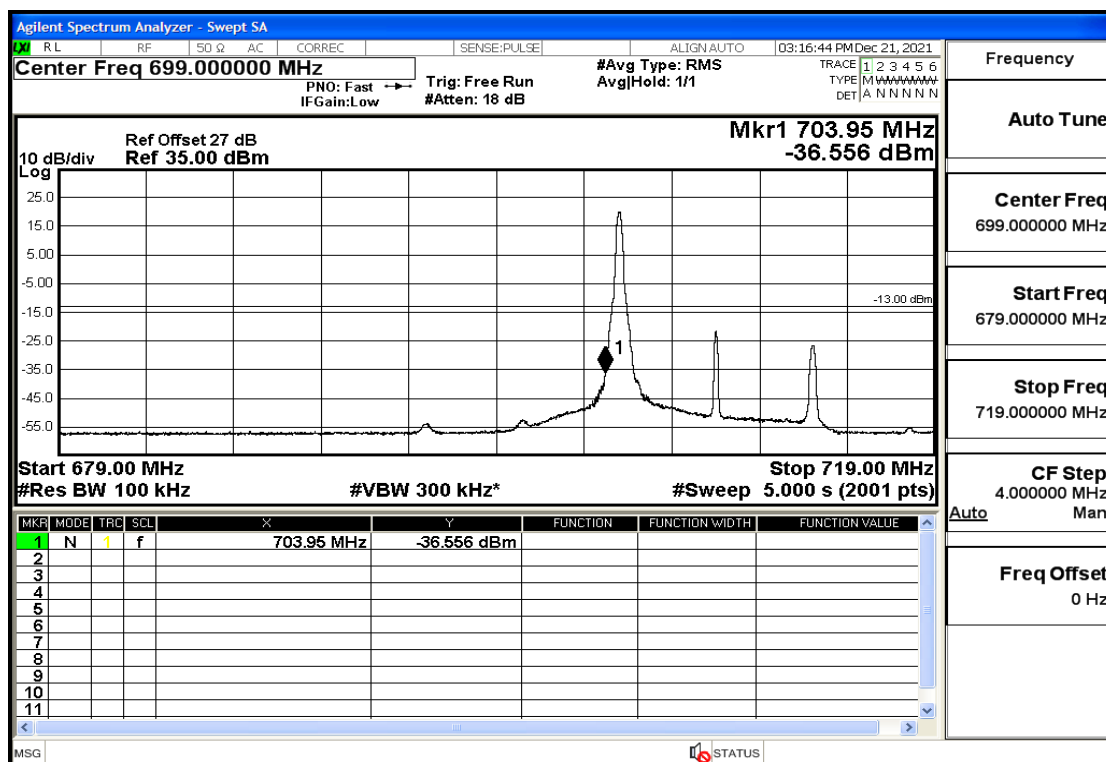
Band17-10-709-QPSK-1#LOW@Pass



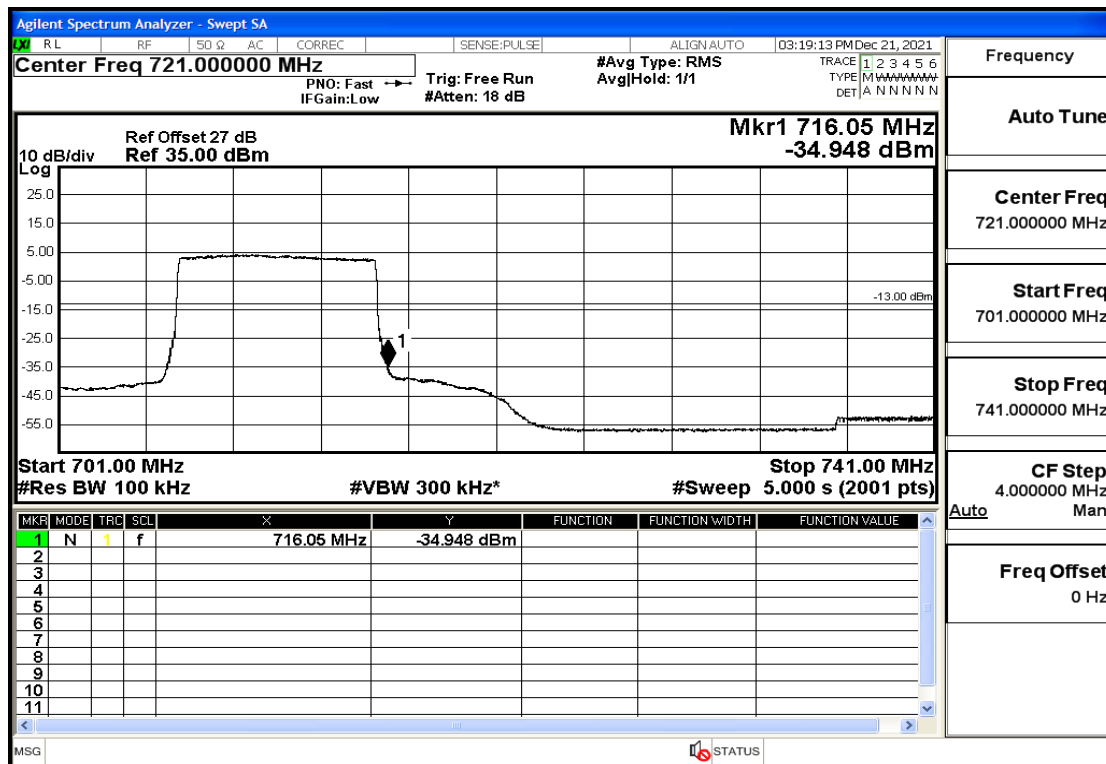
Band17-10-709-16QAM-50#LOW@Pass



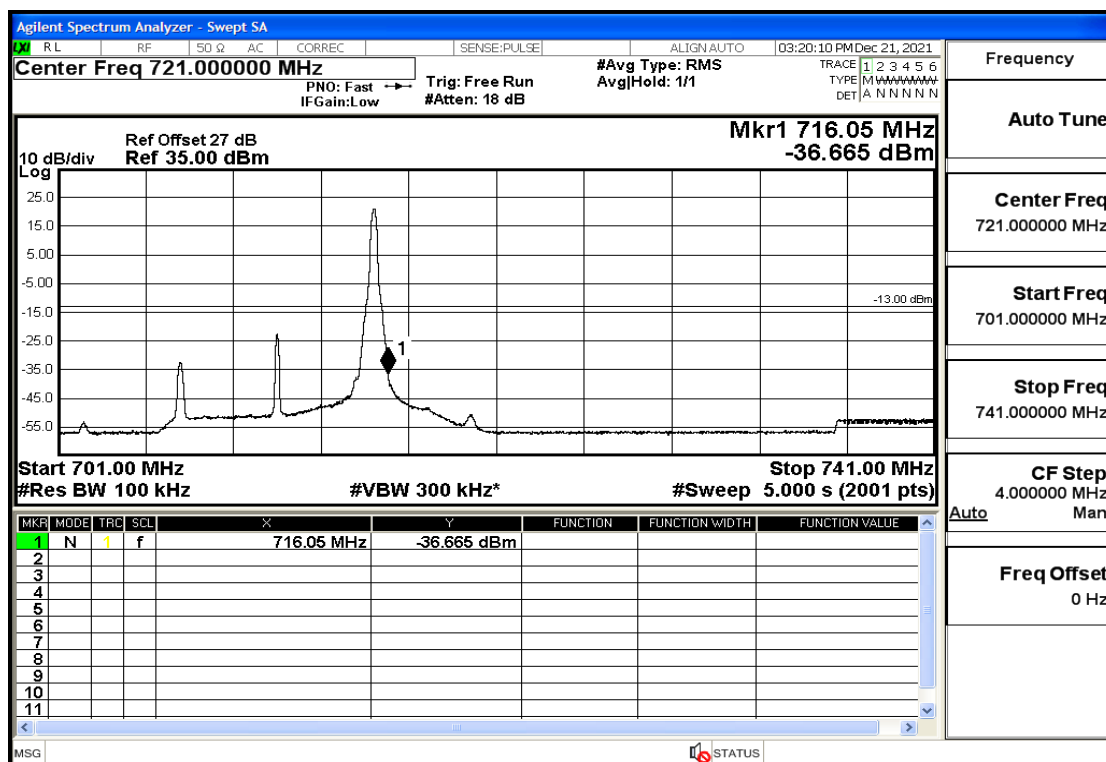
Band17-10-709-16QAM-1#LOW@Pass



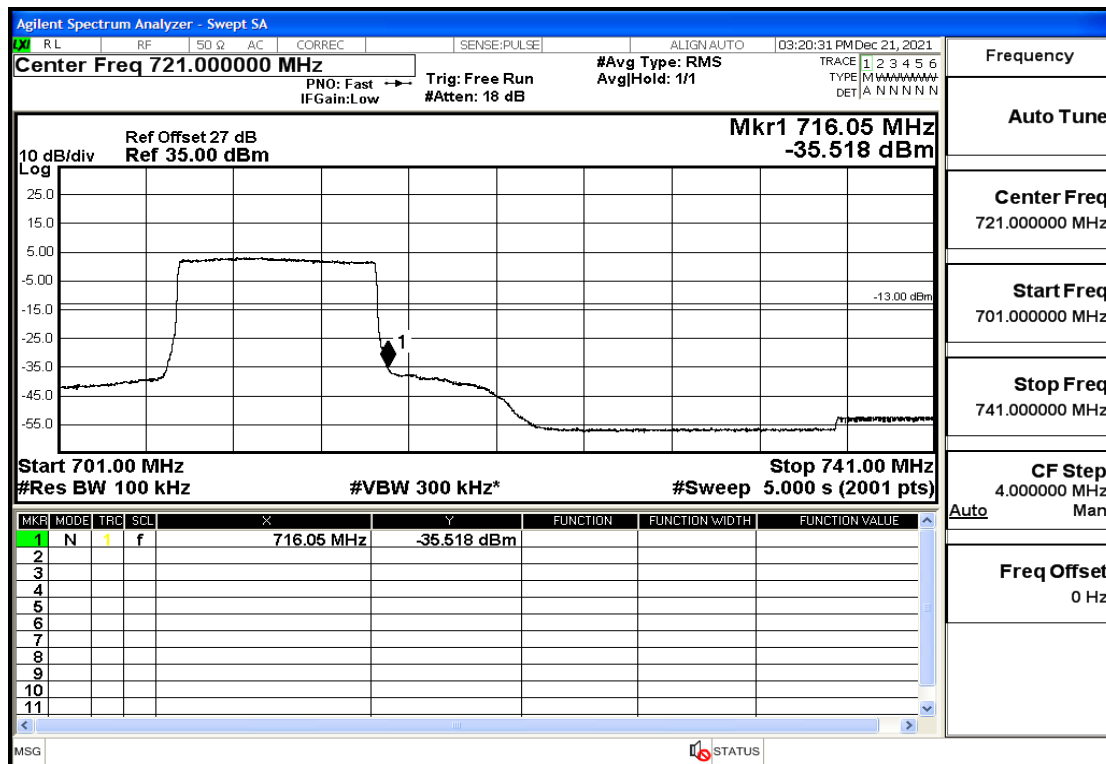
Band17-10-711-QPSK-50#LOW@Pass



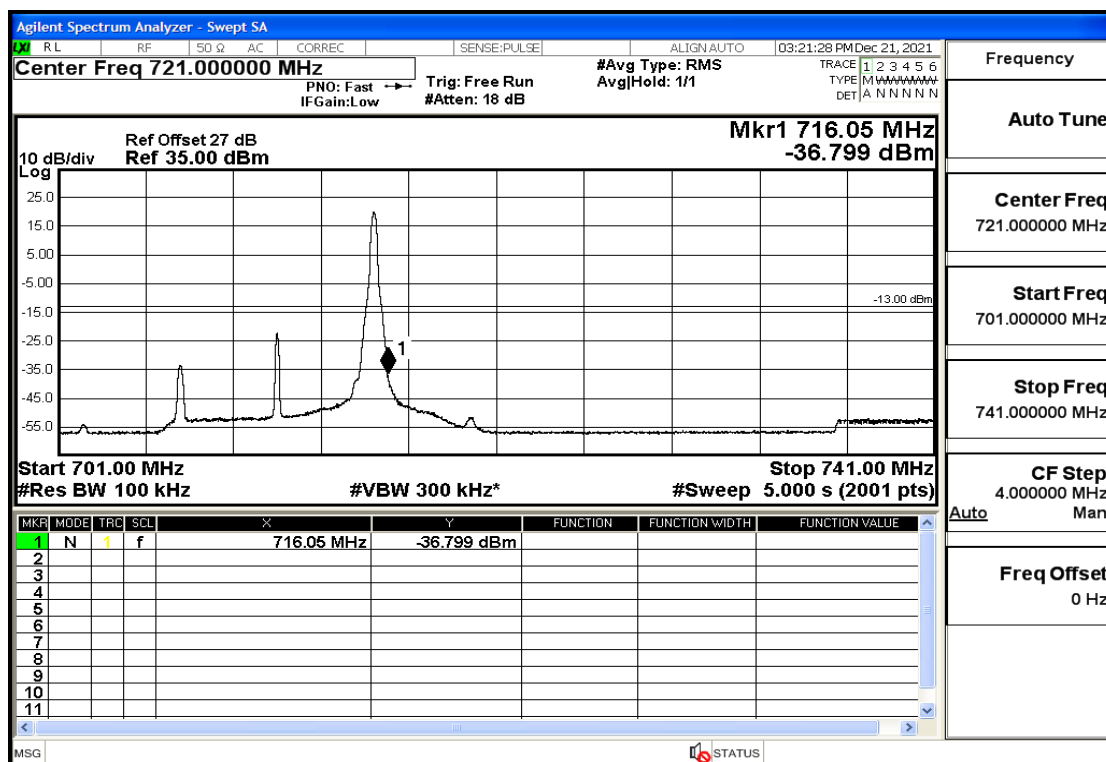
Band17-10-711-QPSK-1#HIGH@Pass



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



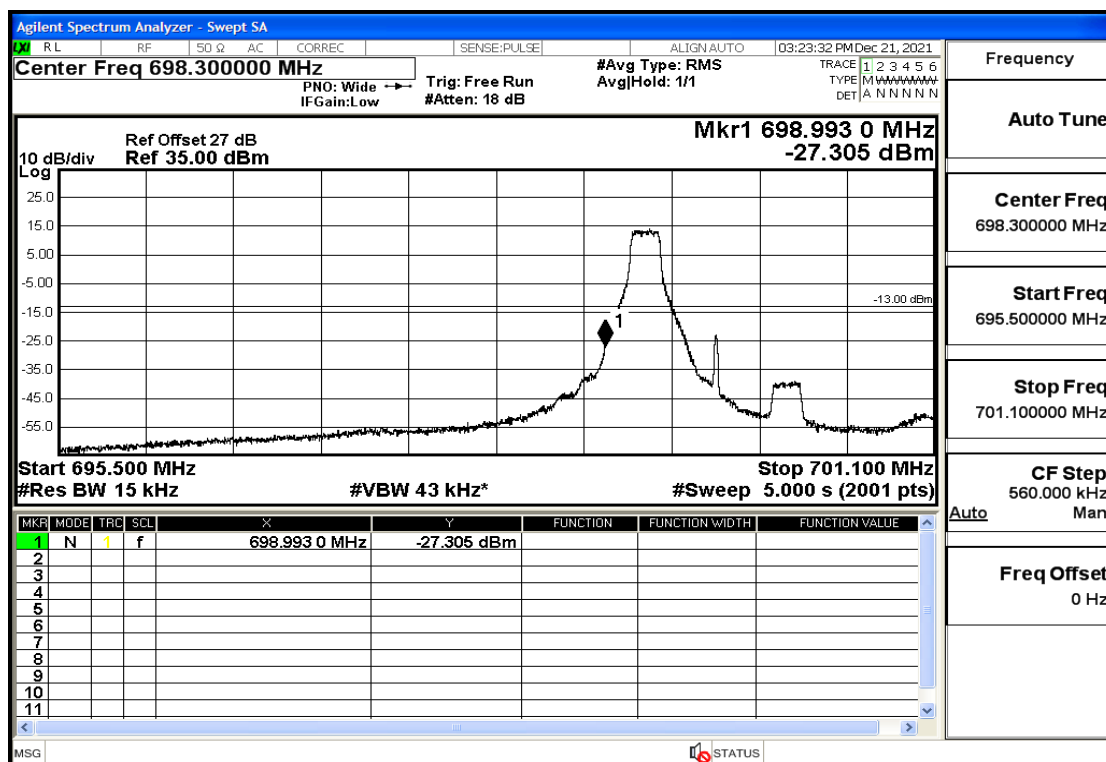
Band17-10-711-16QAM-1#HIGH@Pass



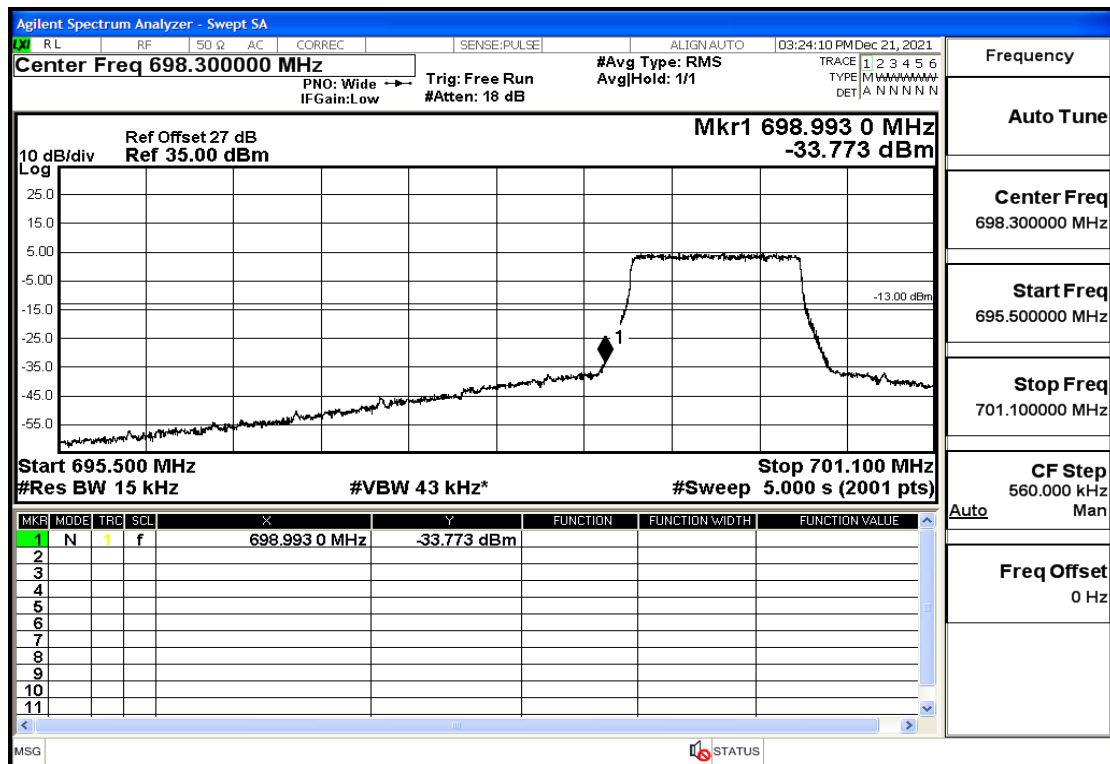
Band12-1.4-699.7-QPSK-6#LOW@Pass



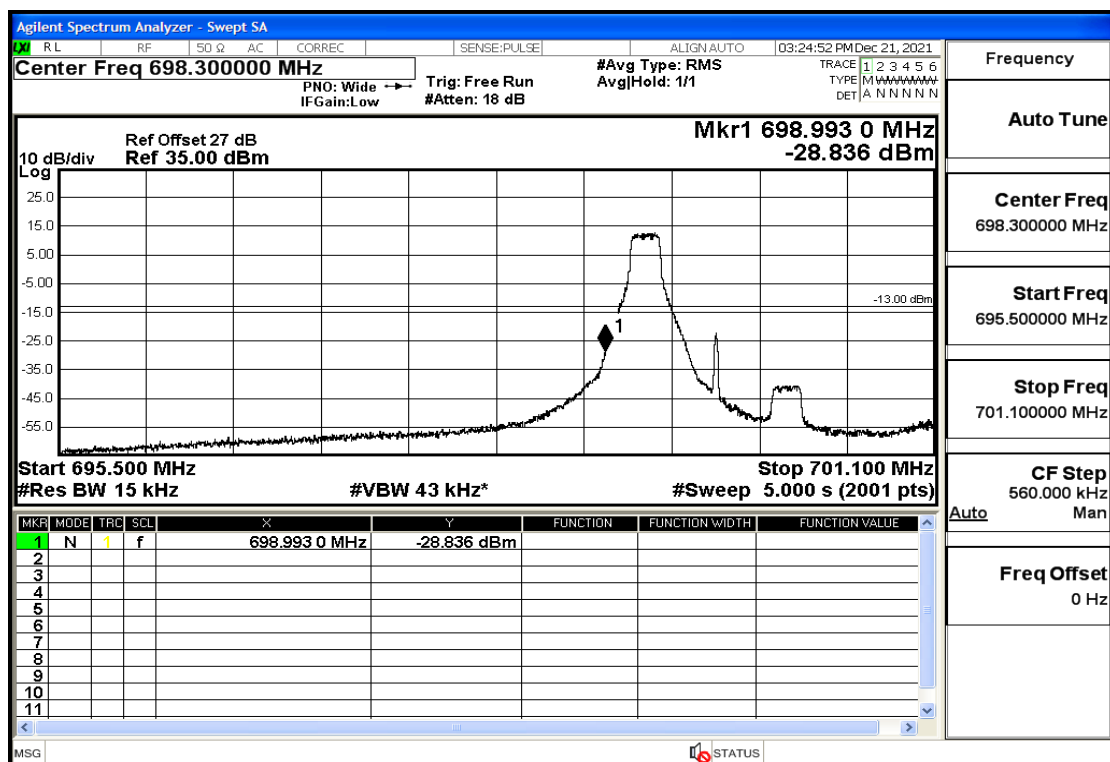
Band12-1.4-699.7-QPSK-1#LOW@Pass



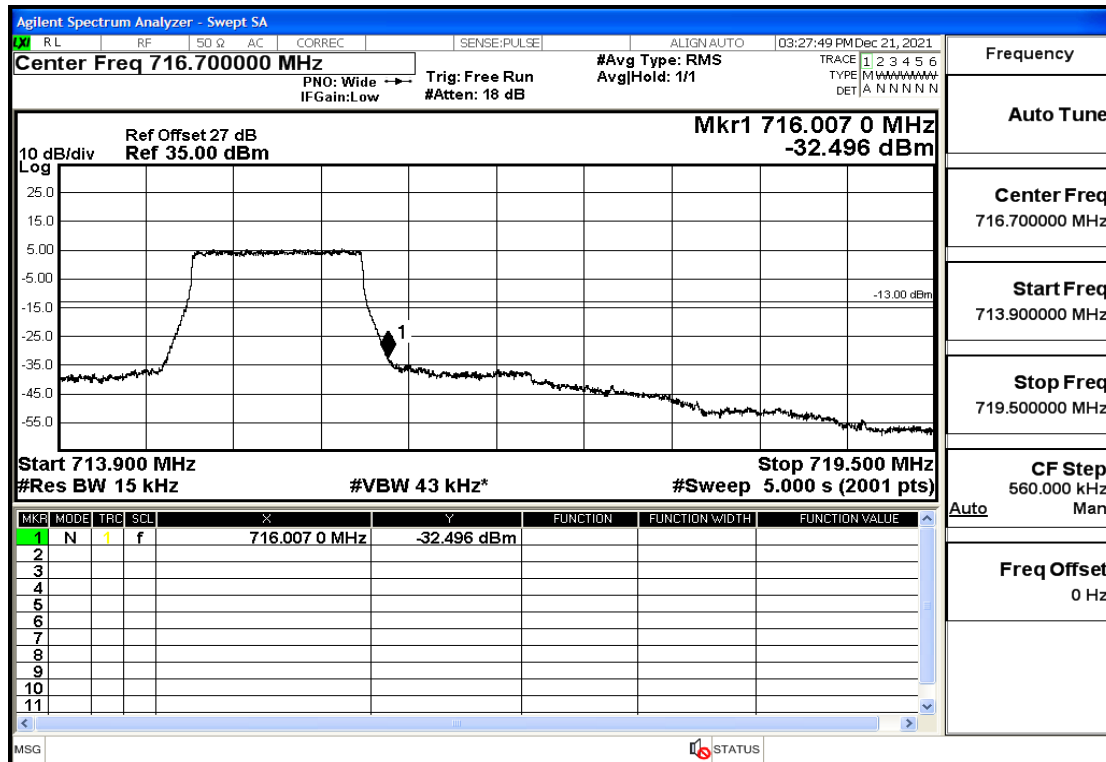
Band12-1.4-699.7-16QAM-6#LOW@Pass



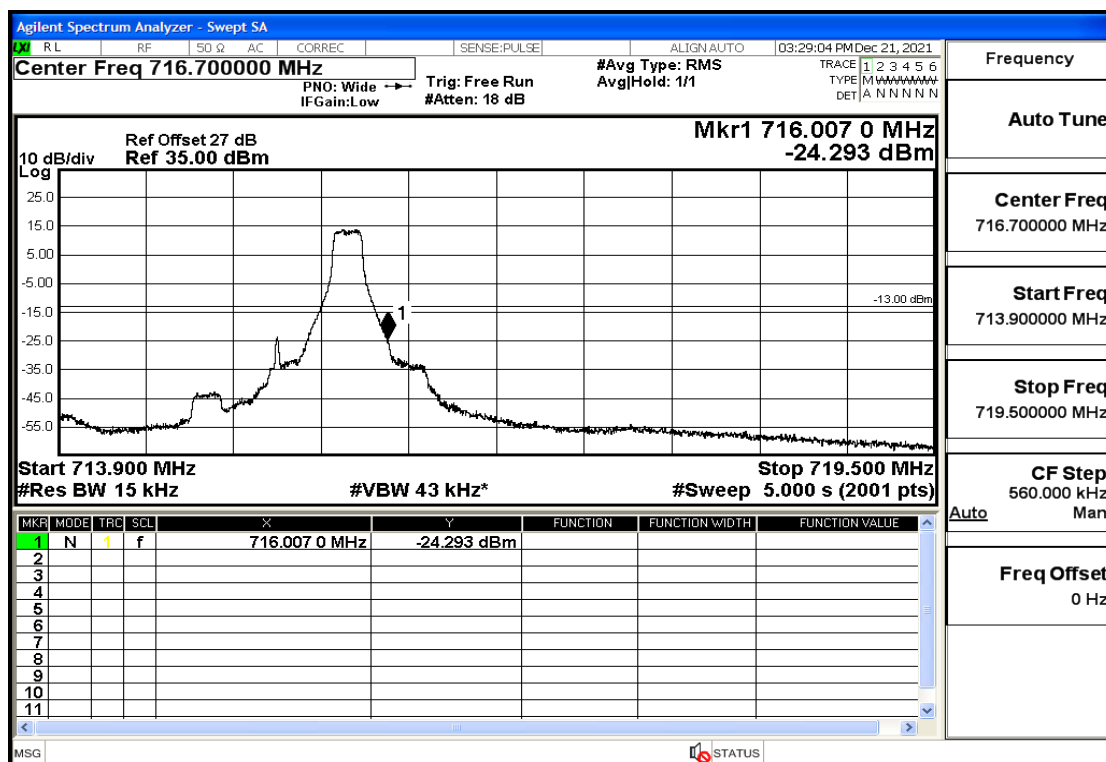
Band12-1.4-699.7-16QAM-1#LOW@Pass



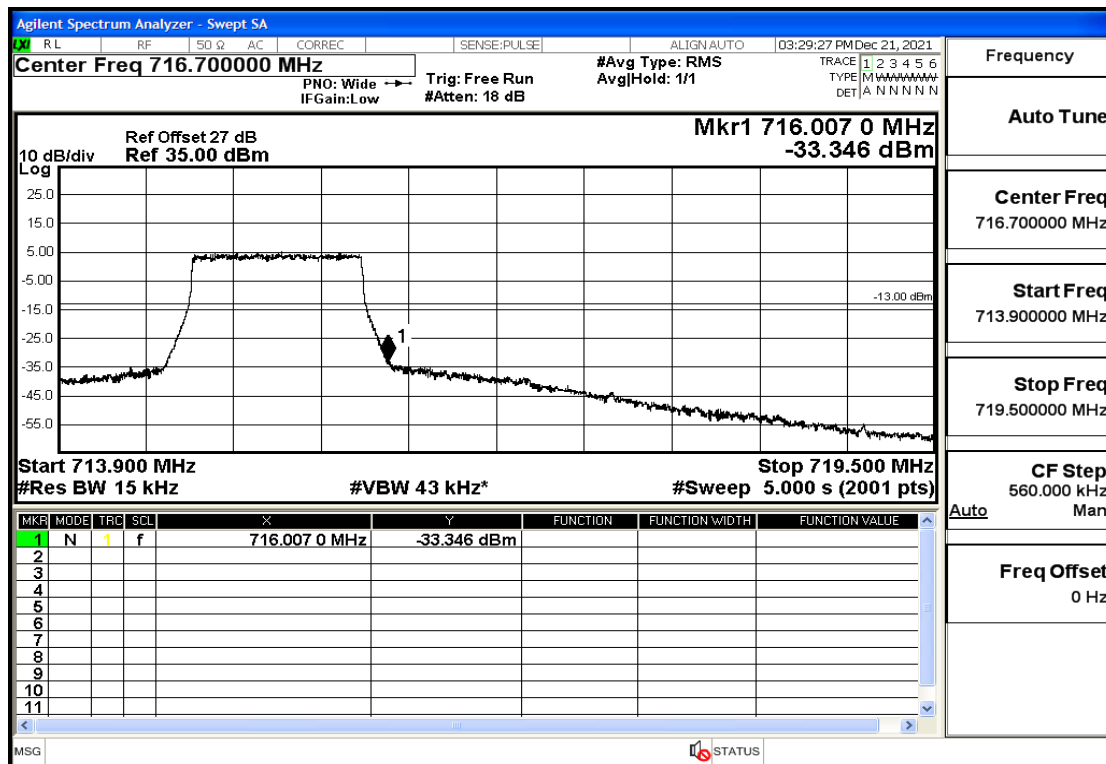
Band12-1.4-715.3-QPSK-6#LOW@Pass



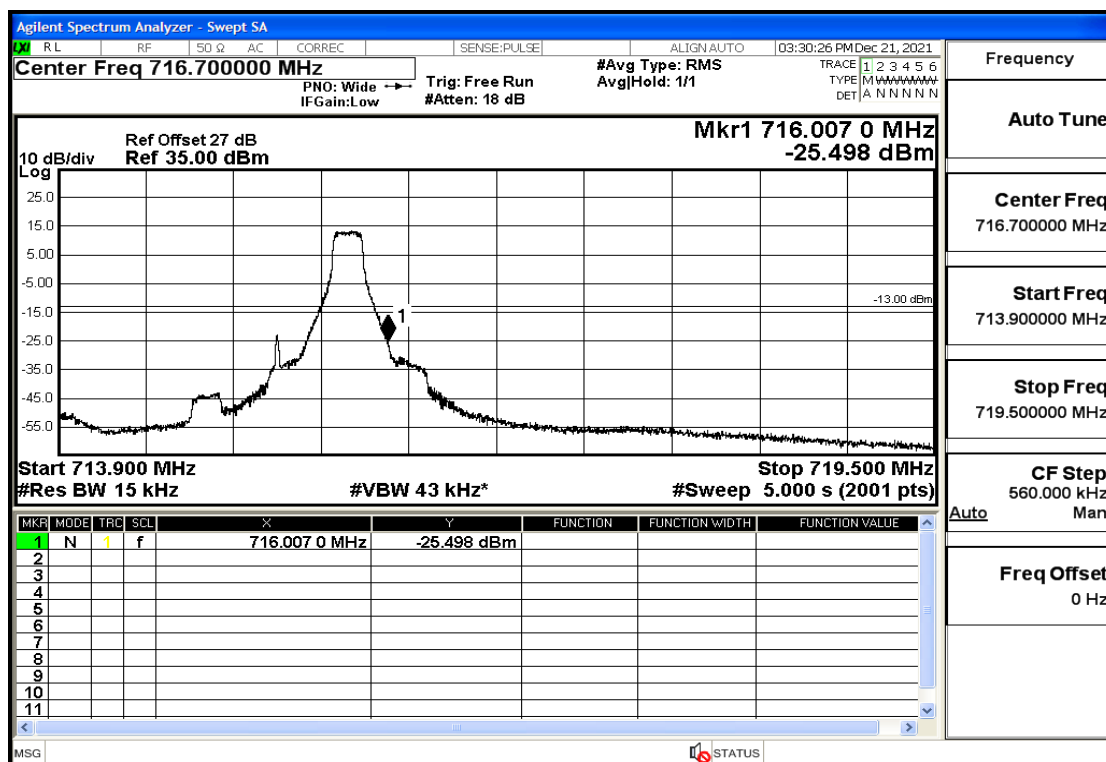
Band12-1.4-715.3-QPSK-1#HIGH@Pass



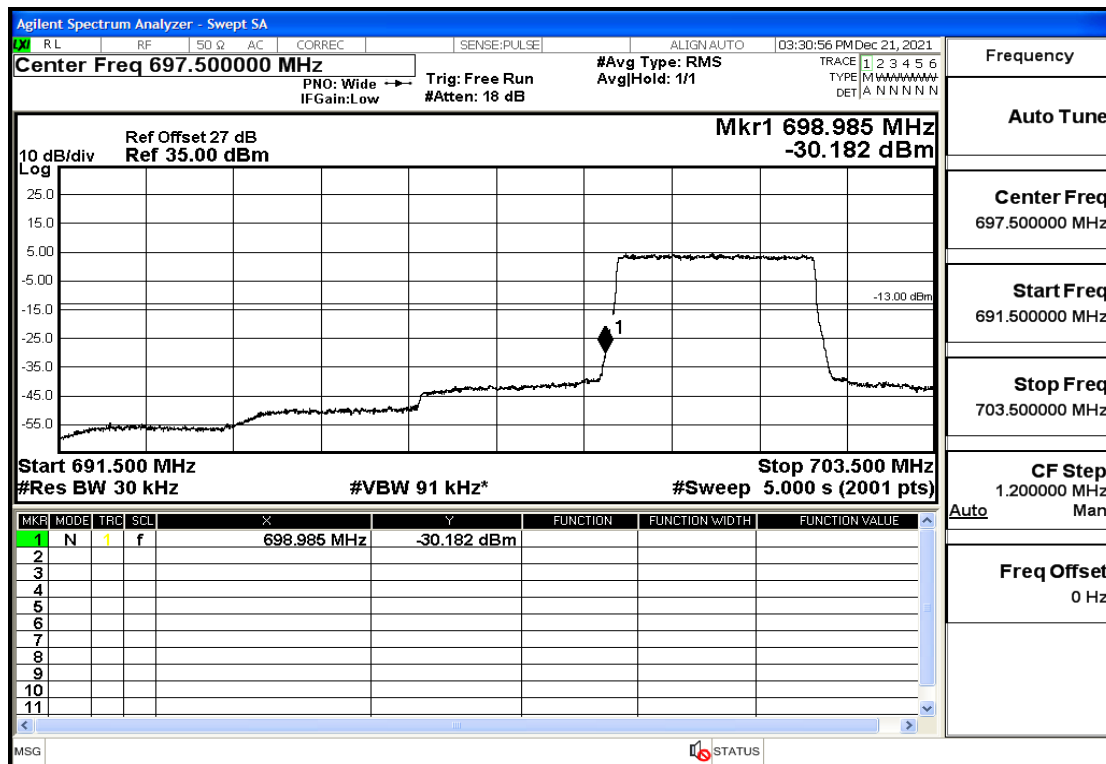
Band12-1.4-715.3-16QAM-6#LOW@Pass



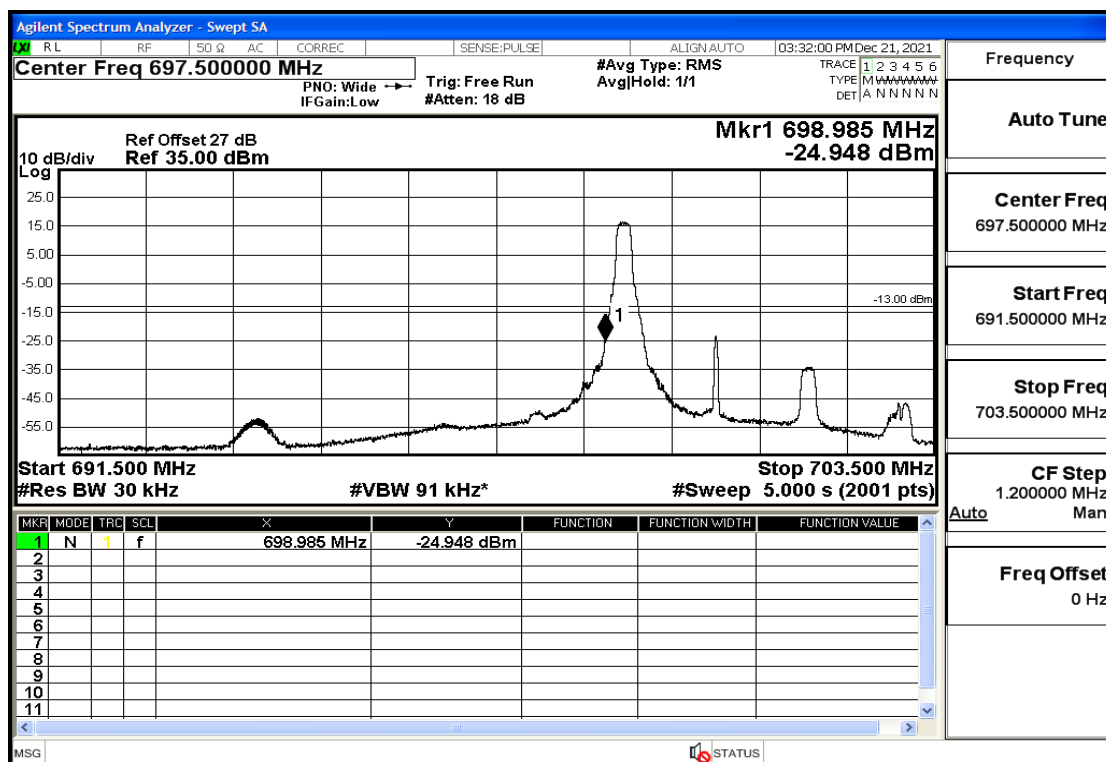
Band12-1.4-715.3-16QAM-1#HIGH@Pass



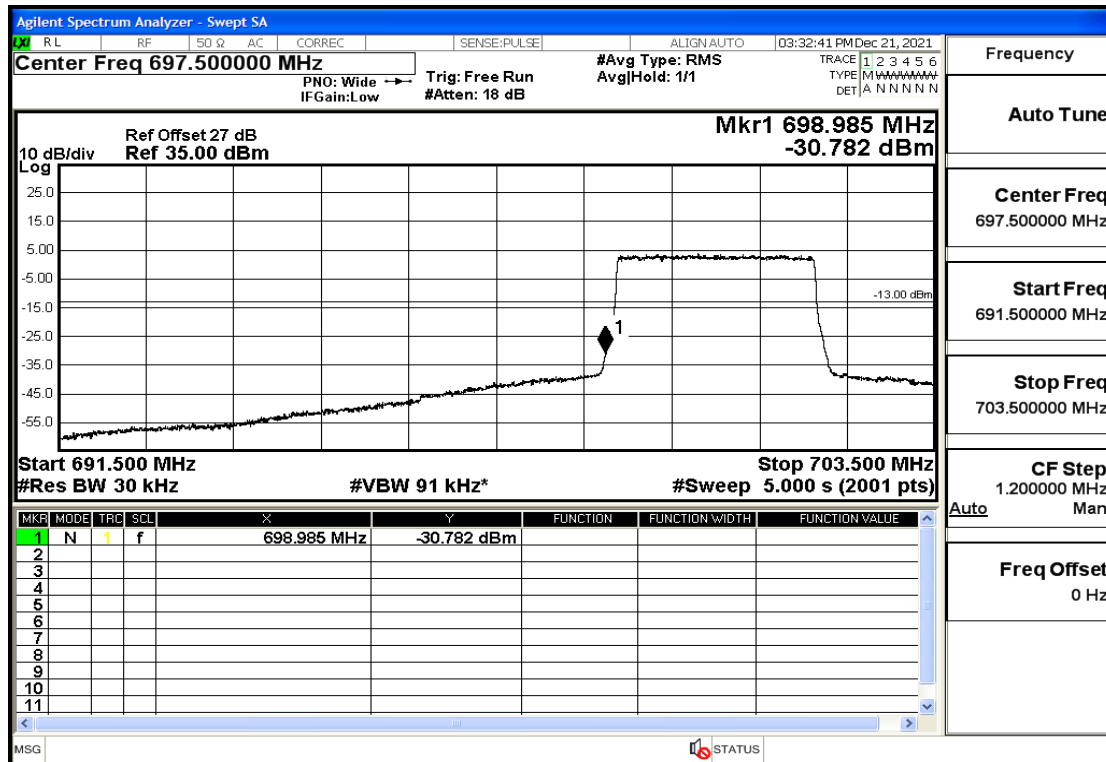
Band12-3-700.5-QPSK-15#LOW@Pass



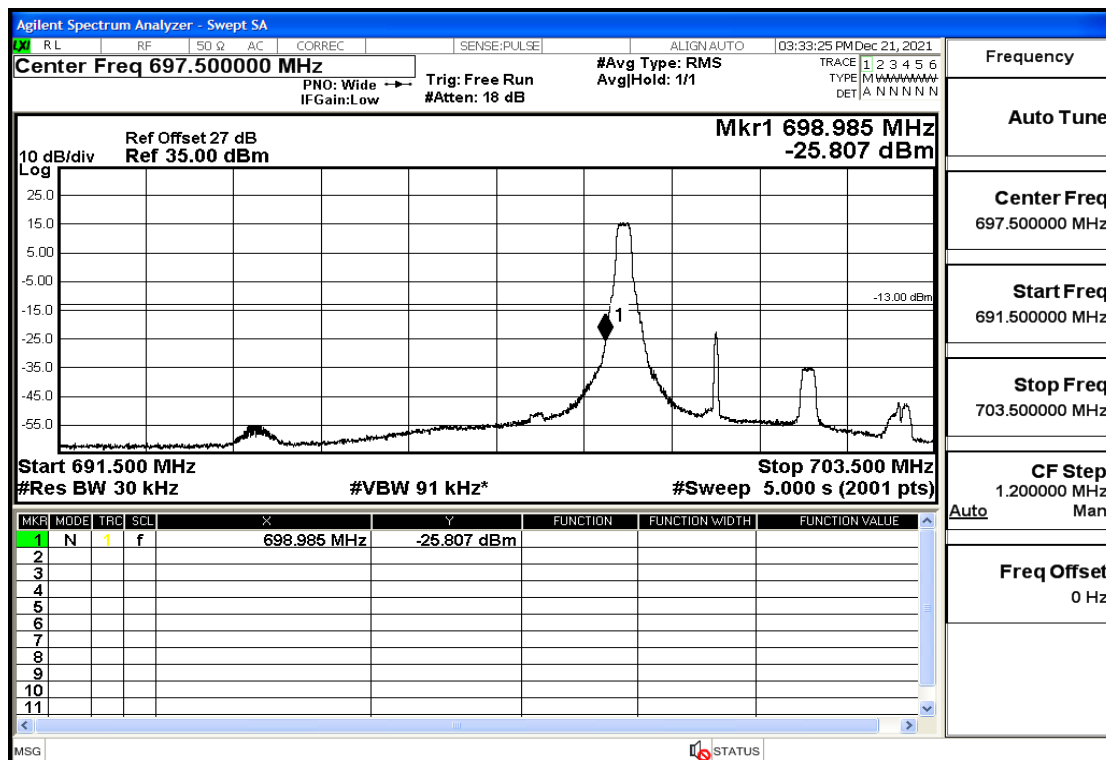
Band12-3-700.5-QPSK-1#LOW@Pass



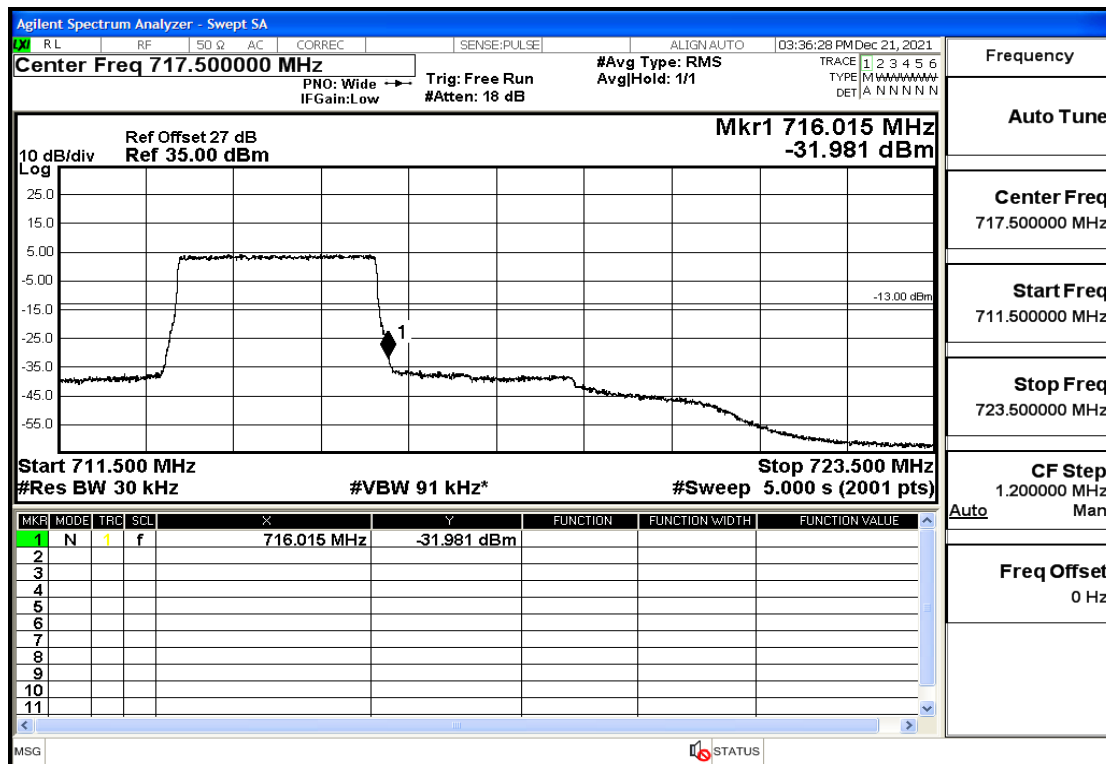
Band12-3-700.5-16QAM-15#LOW@Pass



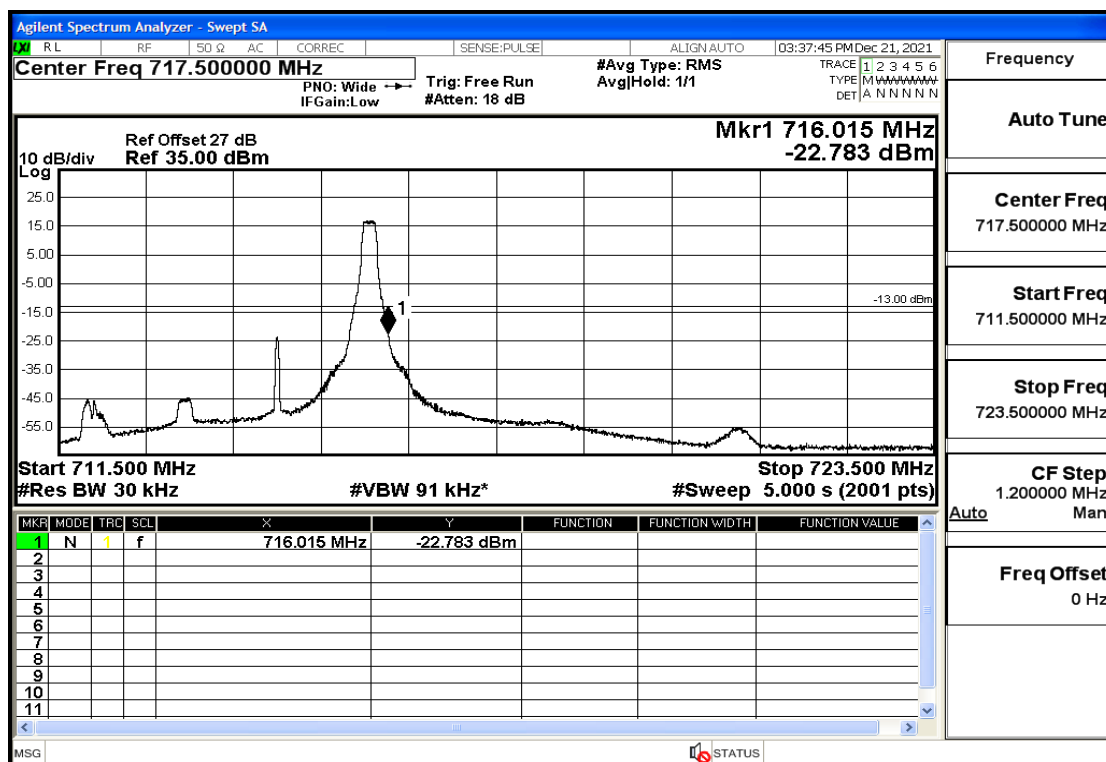
Band12-3-700.5-16QAM-1#LOW@Pass



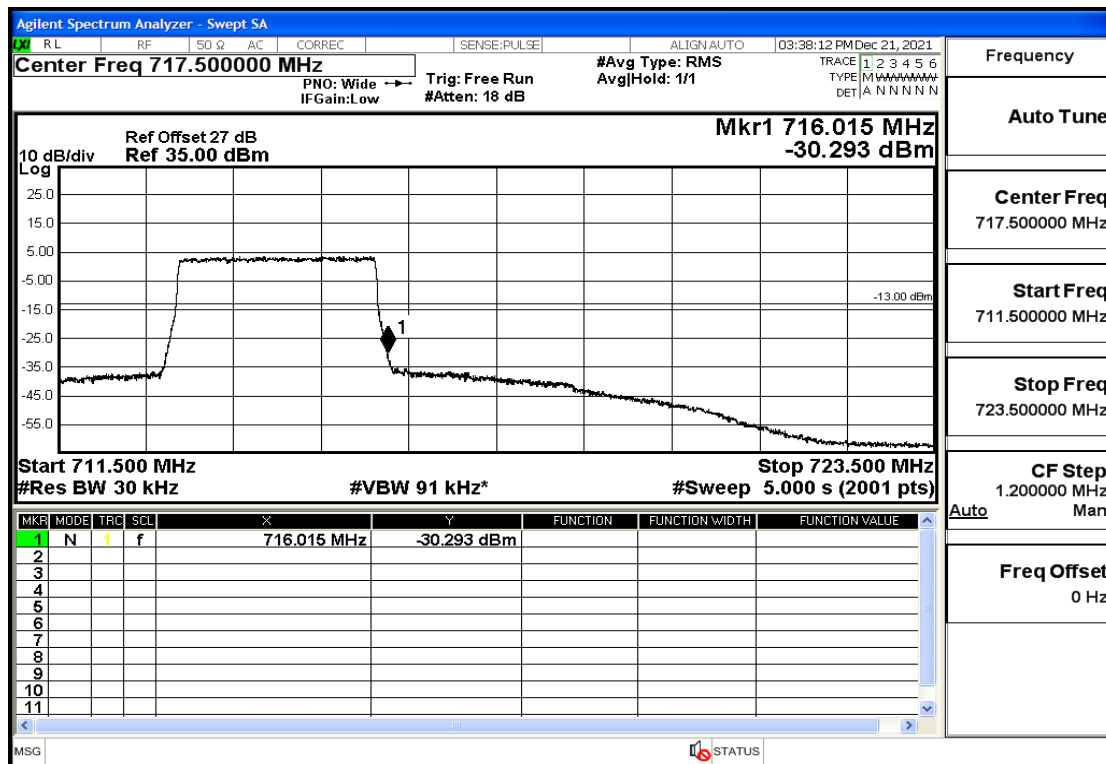
Band12-3-714.5-QPSK-15#LOW@Pass



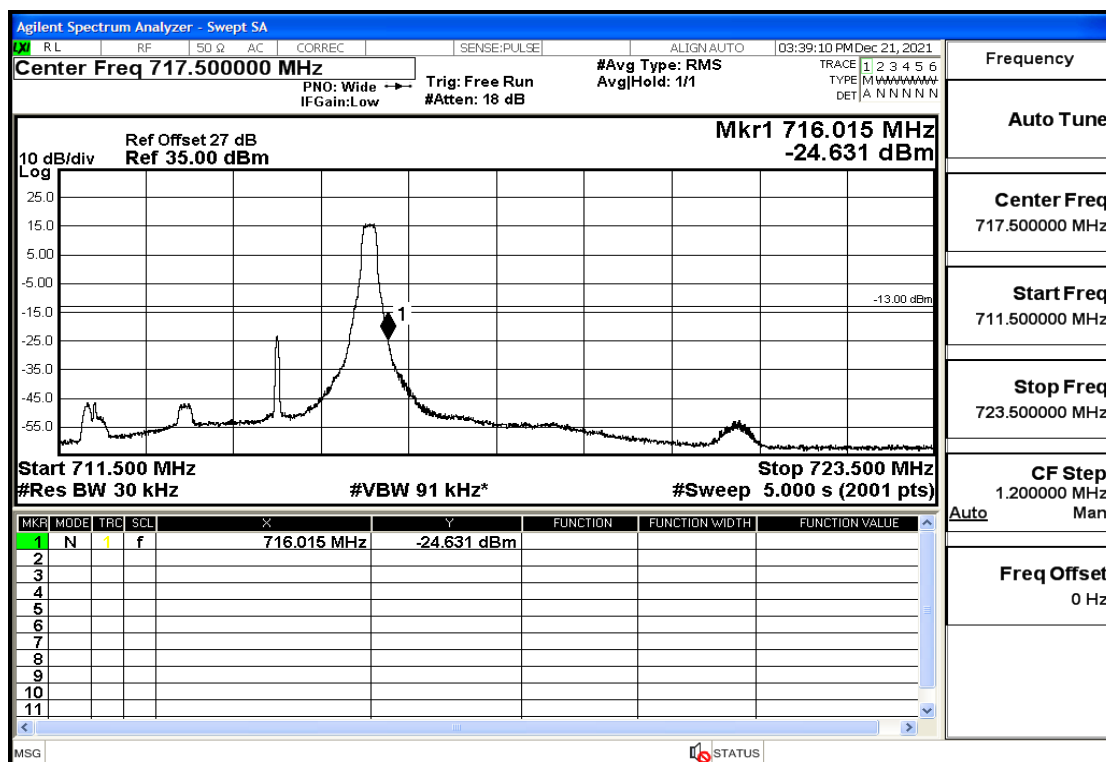
Band12-3-714.5-QPSK-1#HIGH@Pass



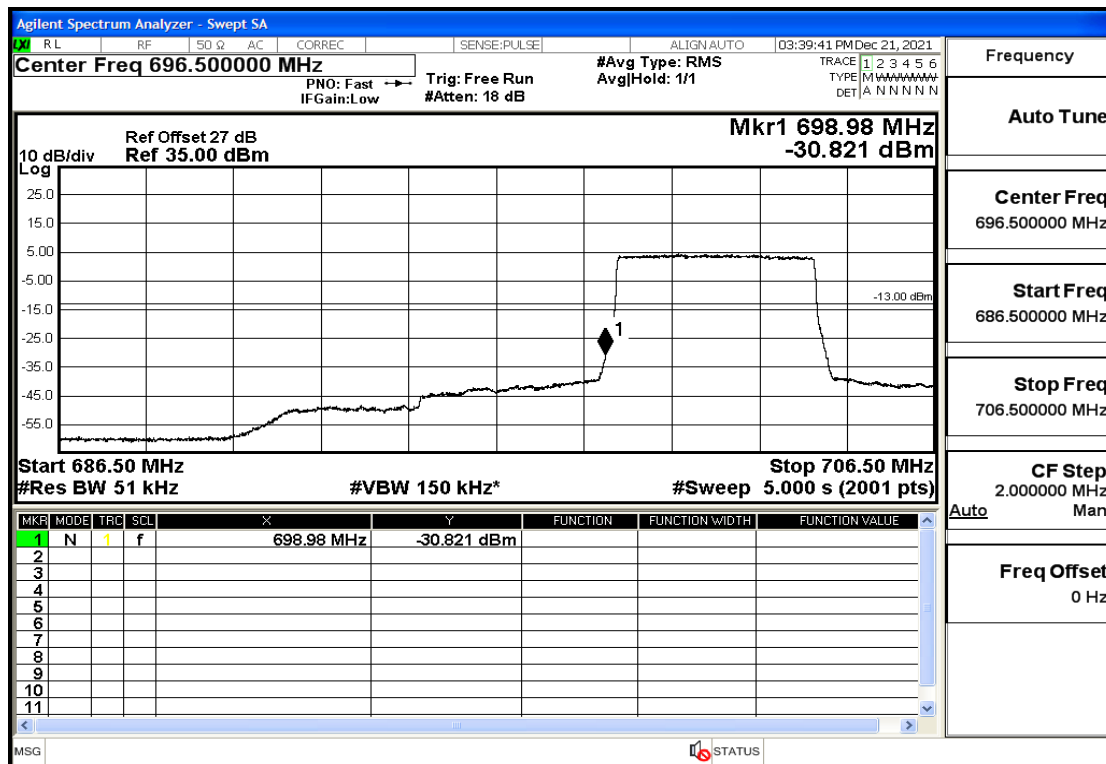
Band12-3-714.5-16QAM-15#LOW@Pass



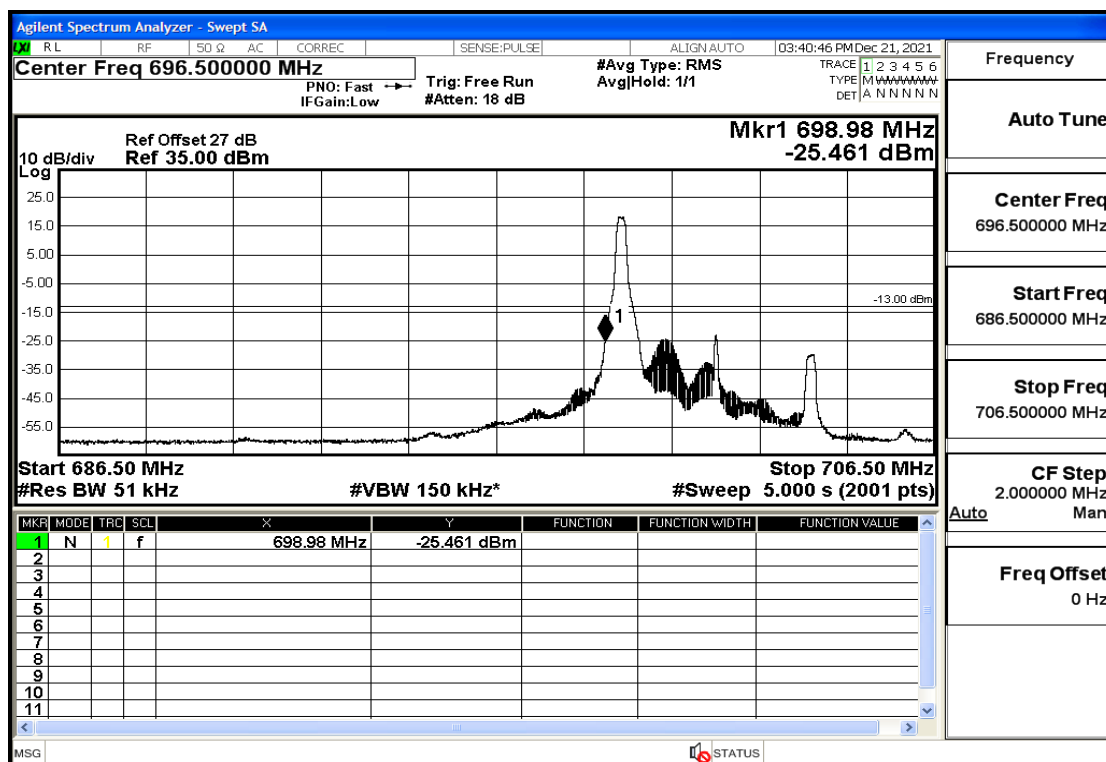
Band12-3-714.5-16QAM-1#HIGH@Pass



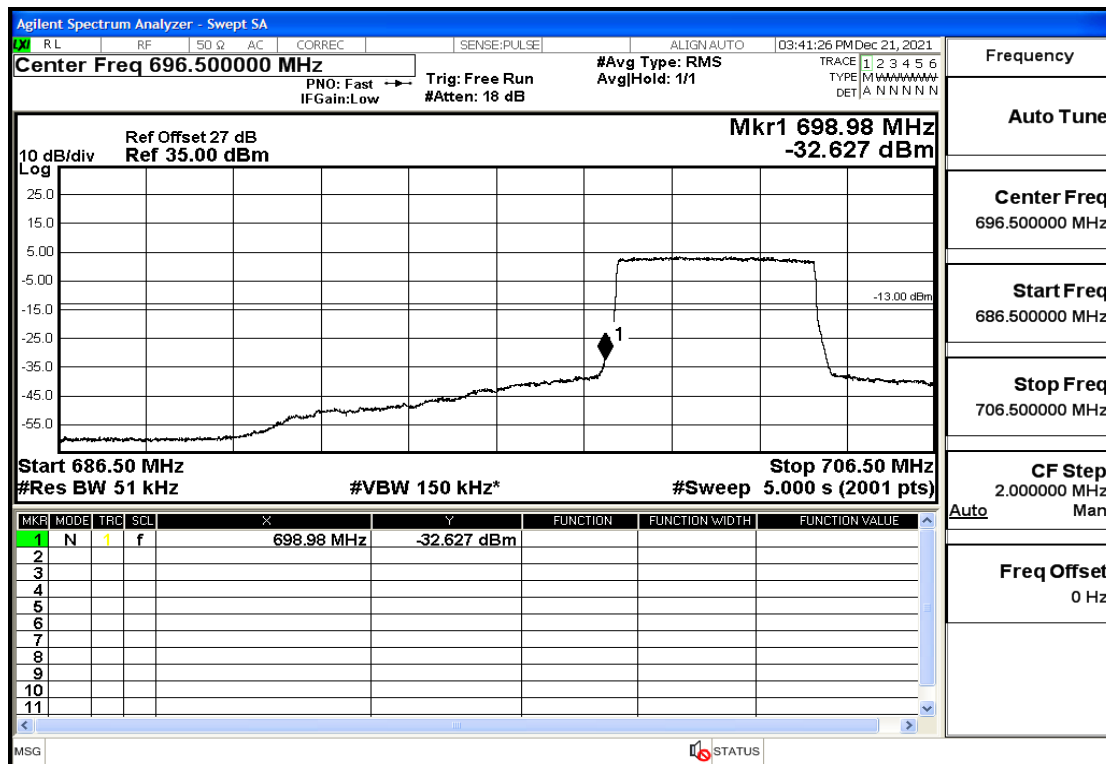
Band12-5-701.5-QPSK-25#LOW@Pass



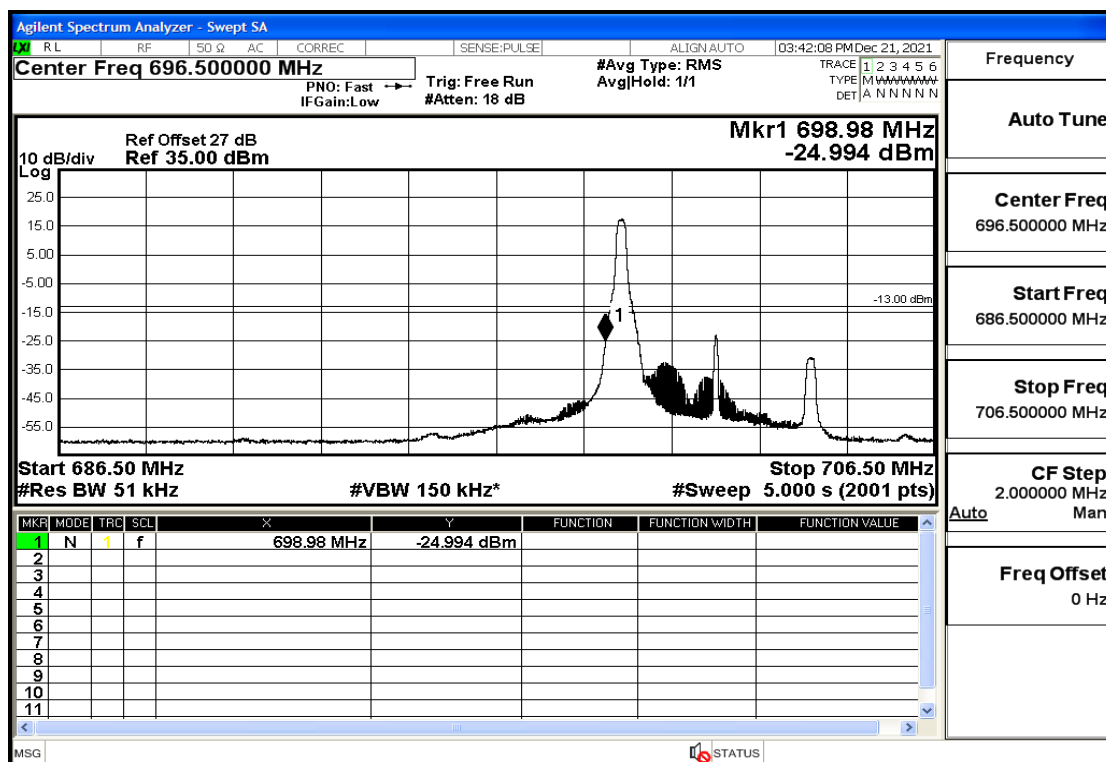
Band12-5-701.5-QPSK-1#LOW@Pass



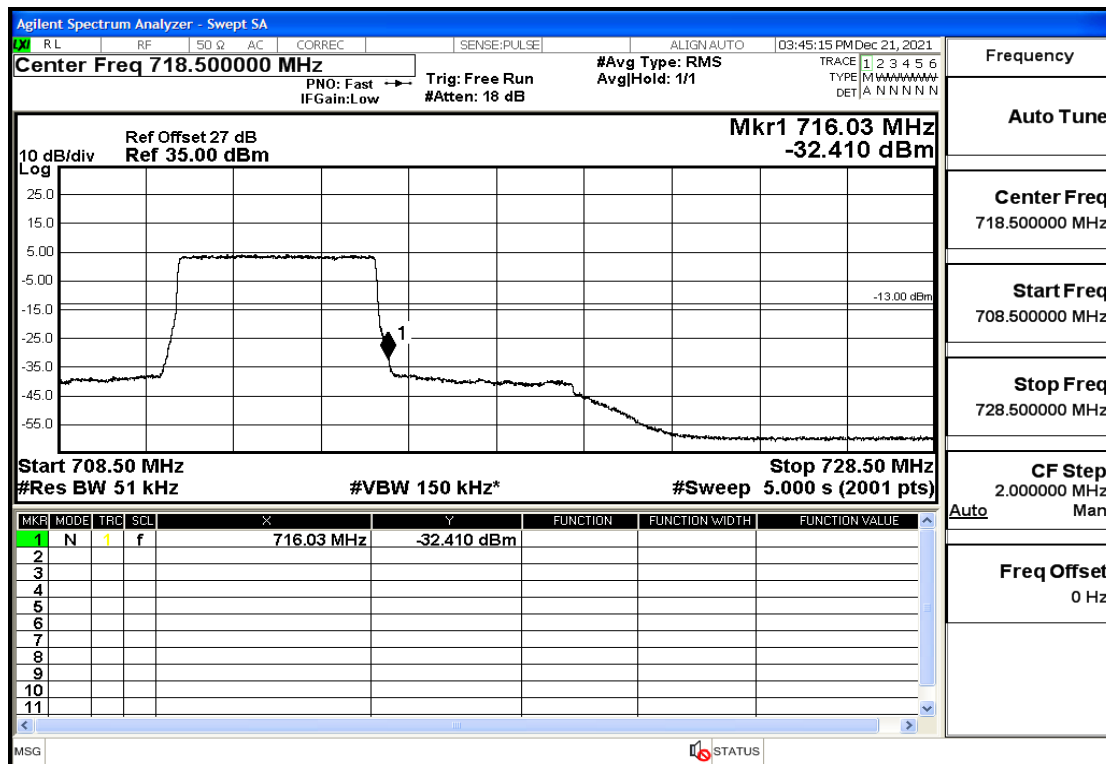
Band12-5-701.5-16QAM-25#LOW@Pass



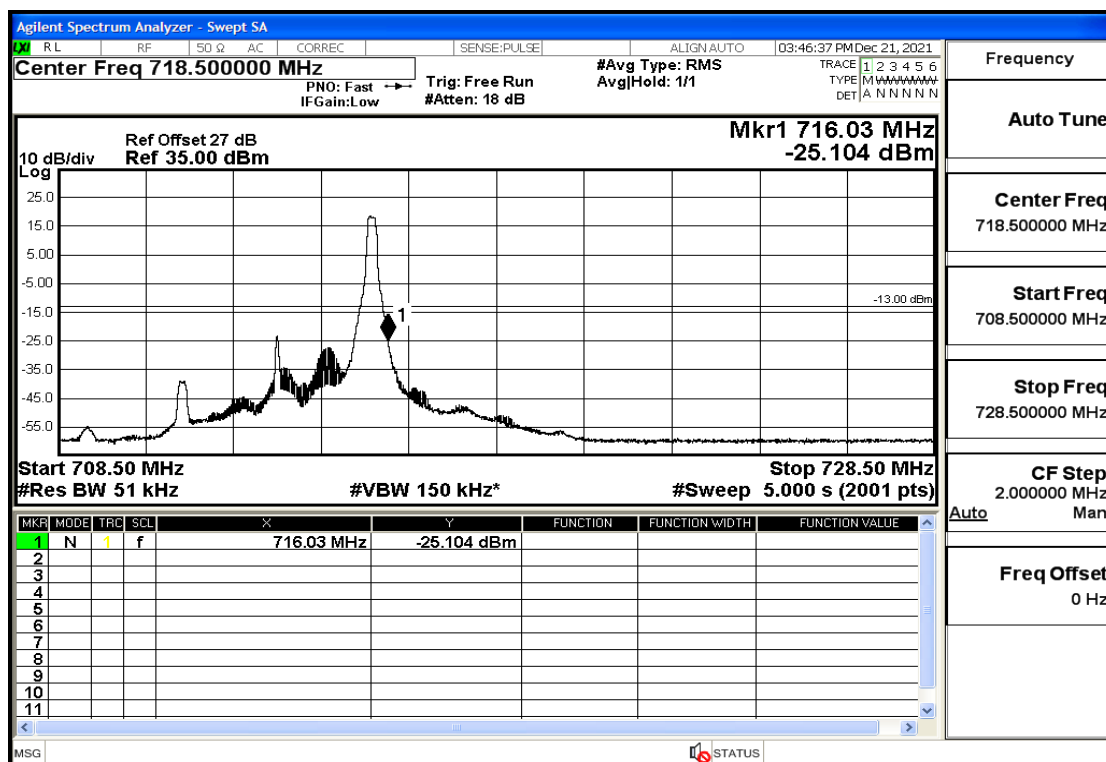
Band12-5-701.5-16QAM-1#LOW@Pass



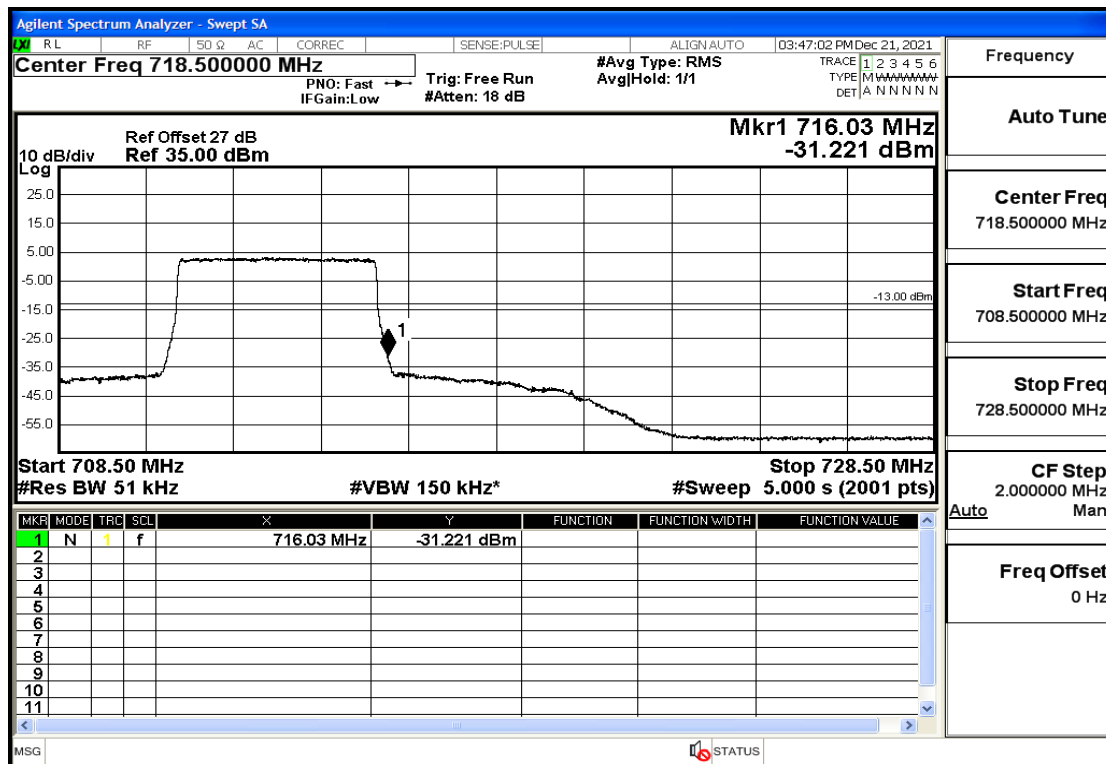
Band12-5-713.5-QPSK-25#LOW@Pass



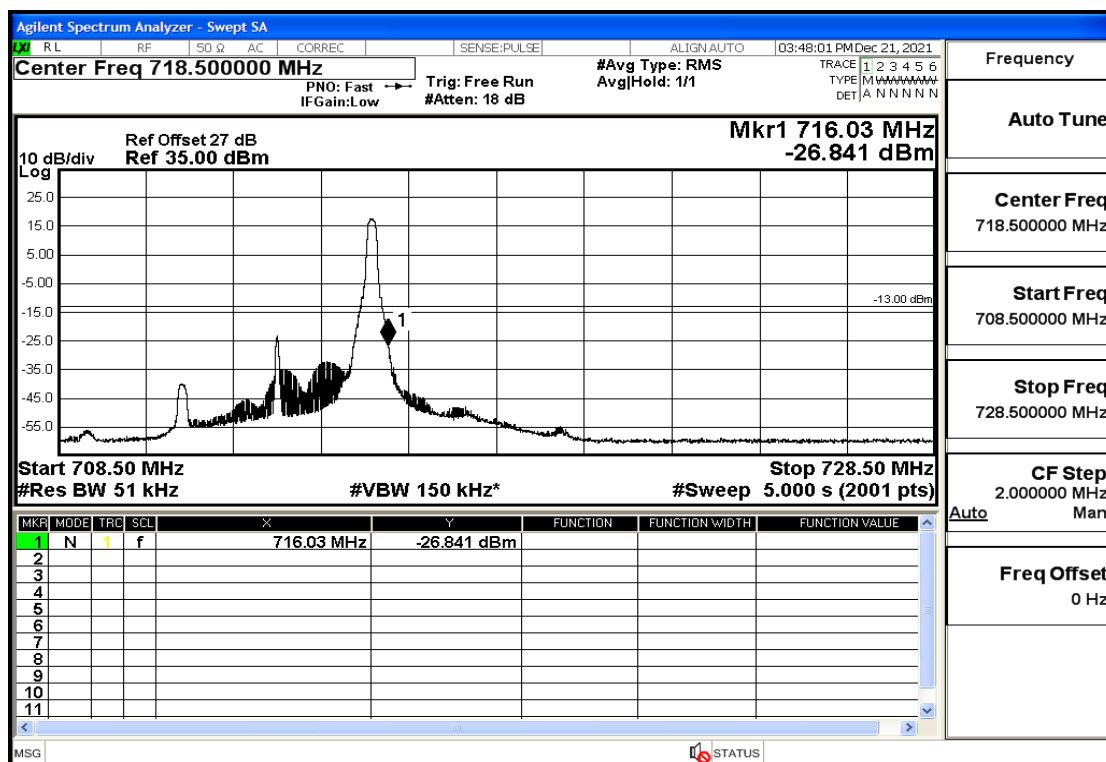
Band12-5-713.5-QPSK-1#HIGH@Pass



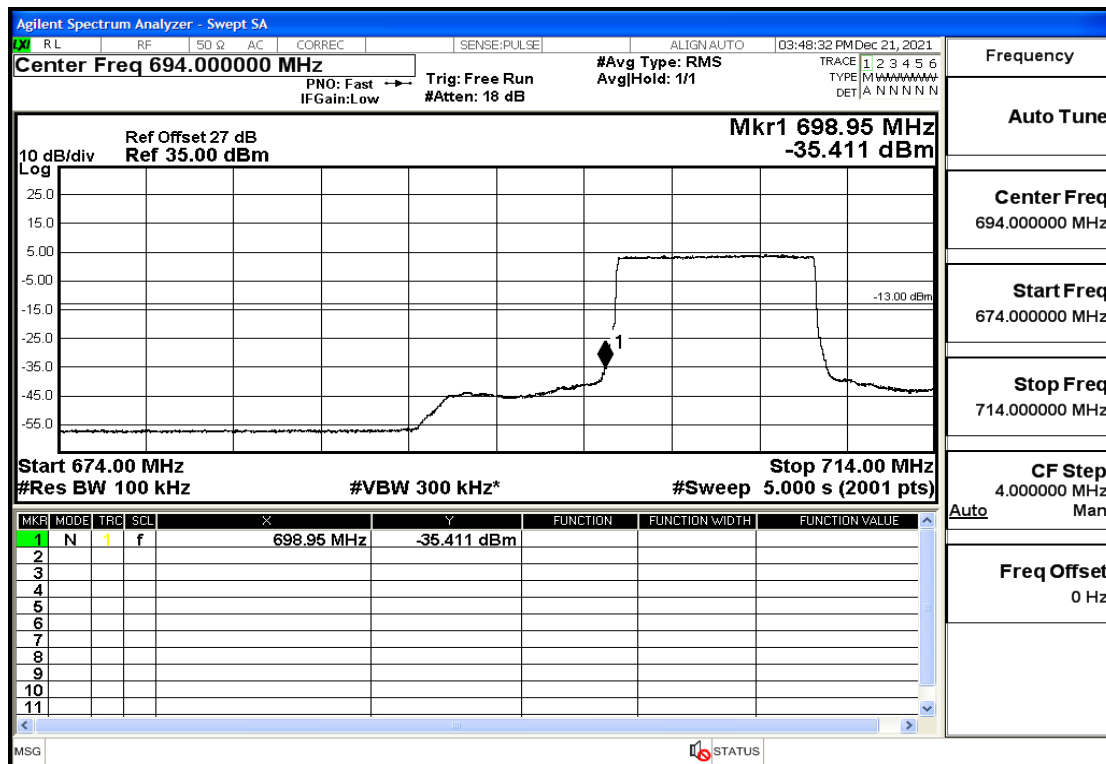
Band12-5-713.5-16QAM-25#LOW@Pass



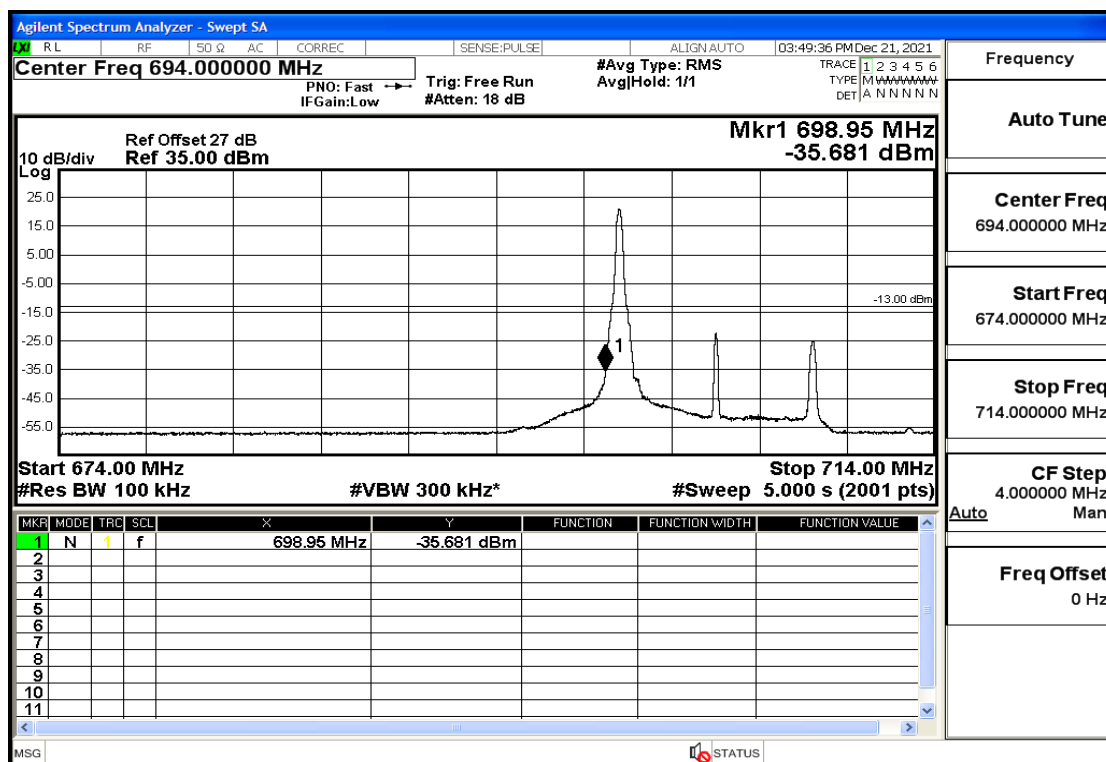
Band12-5-713.5-16QAM-1#HIGH@Pass



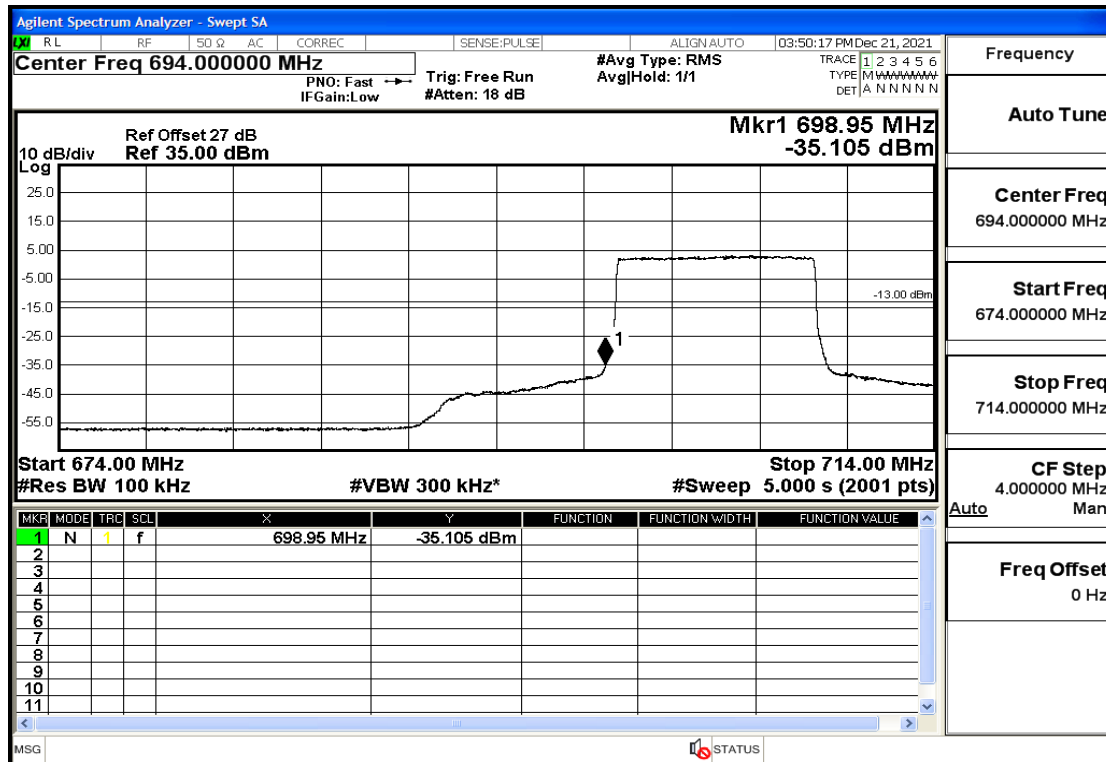
Band12-10-704-QPSK-50#LOW@Pass



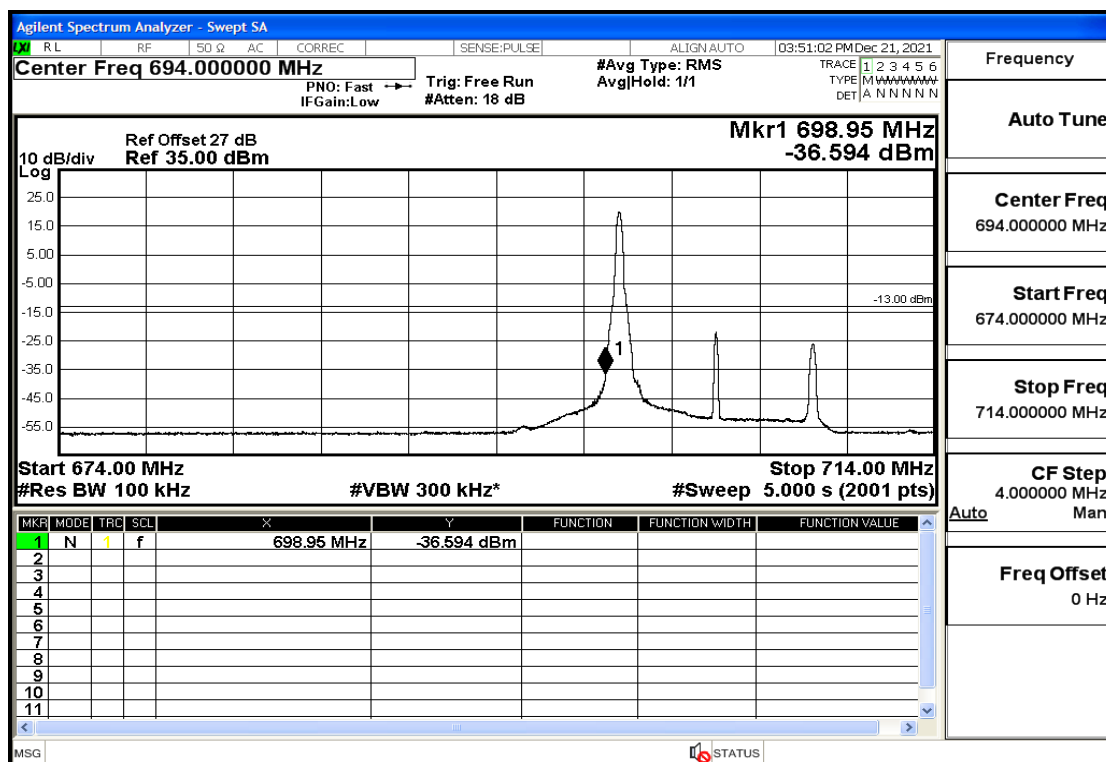
Band12-10-704-QPSK-1#LOW@Pass



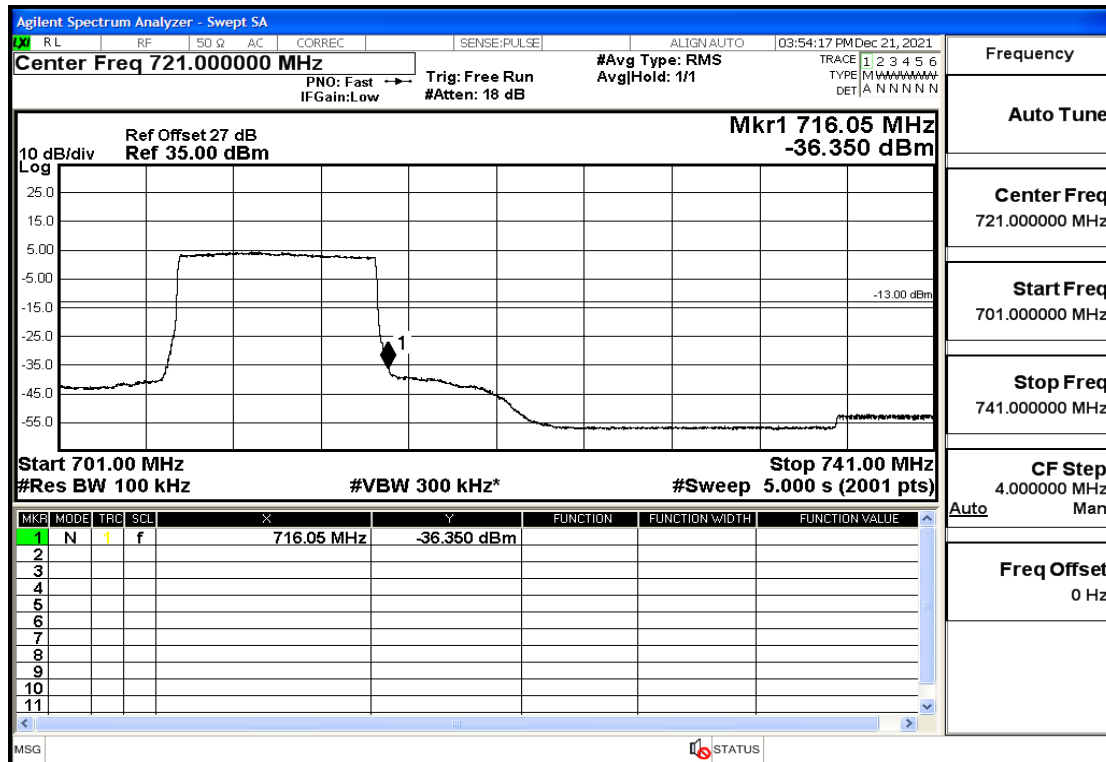
Band12-10-704-16QAM-50#LOW@Pass



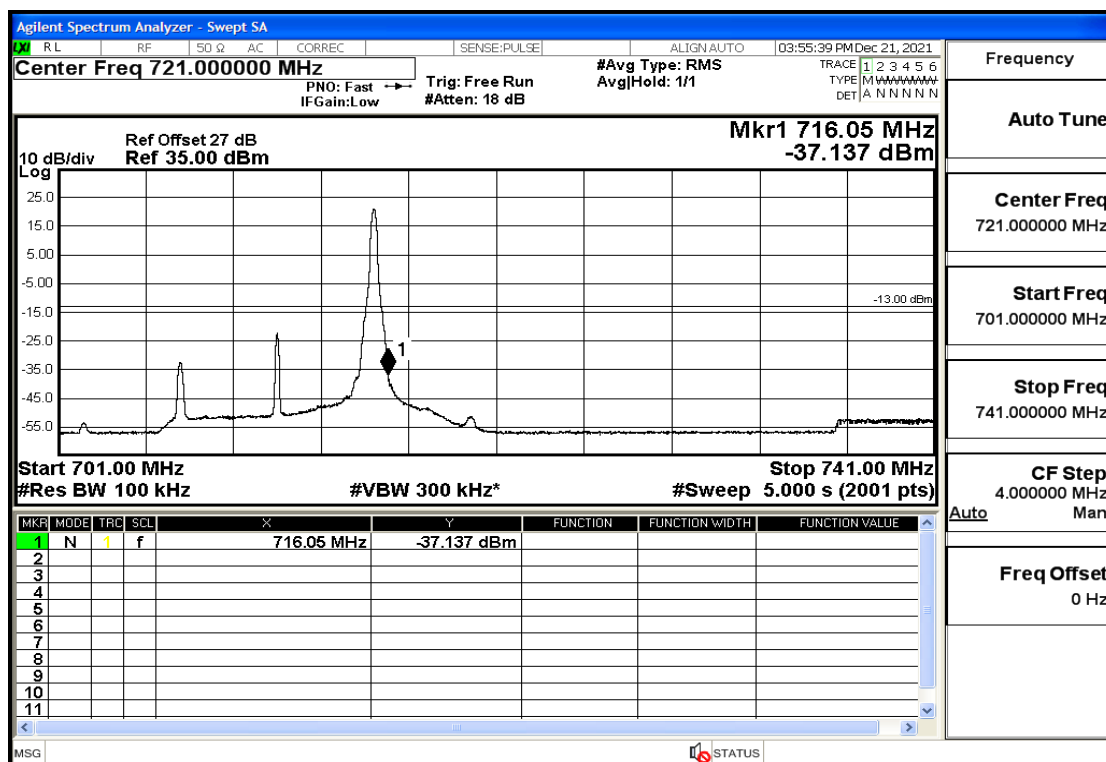
Band12-10-704-16QAM-1#LOW@Pass



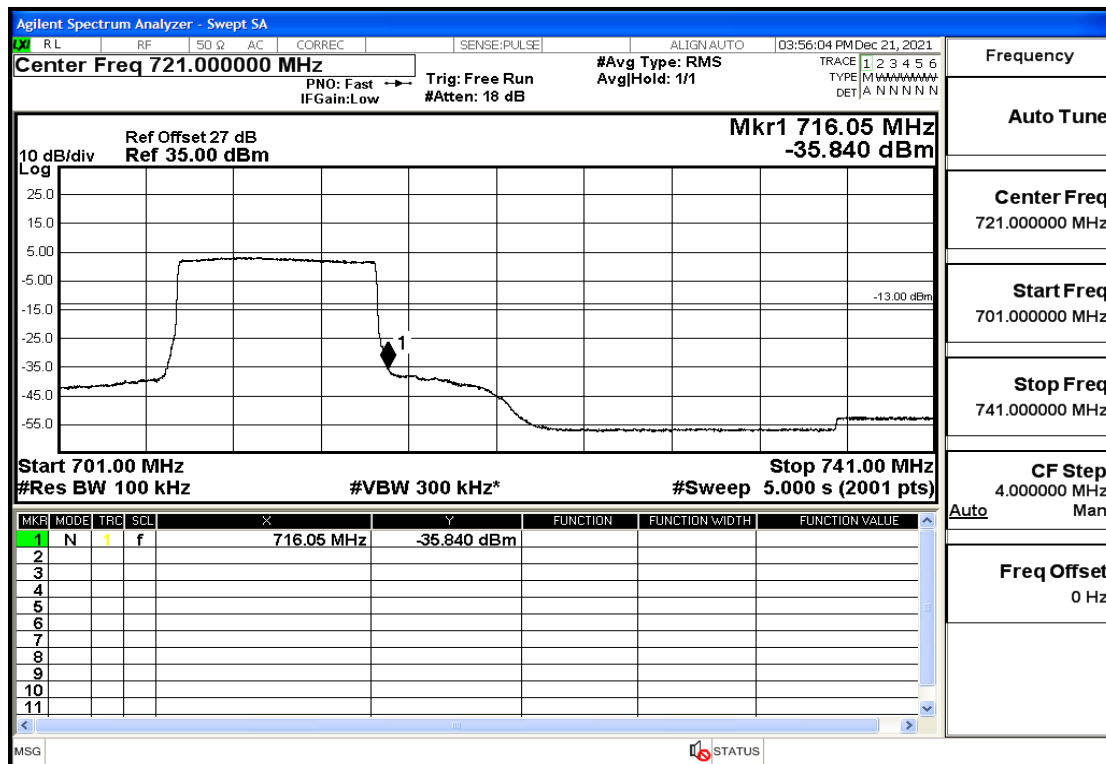
Band12-10-711-QPSK-50#LOW@Pass



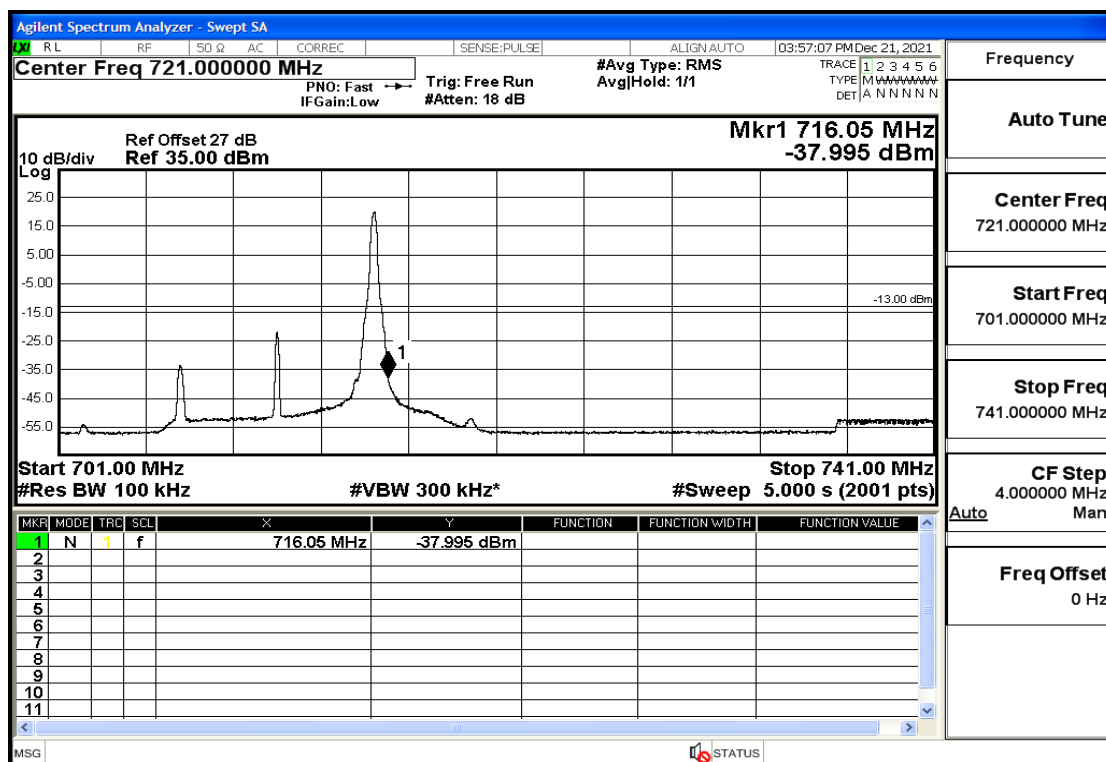
Band12-10-711-QPSK-1#HIGH@Pass



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



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

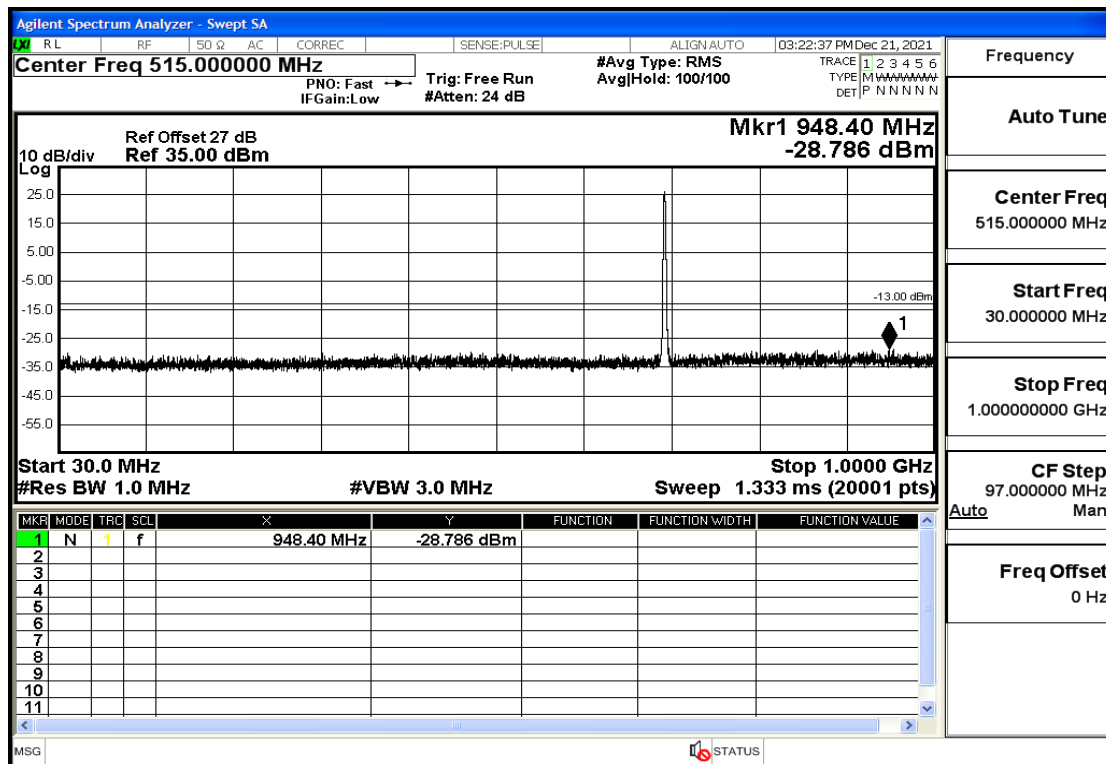


Conducted Spurious Emission

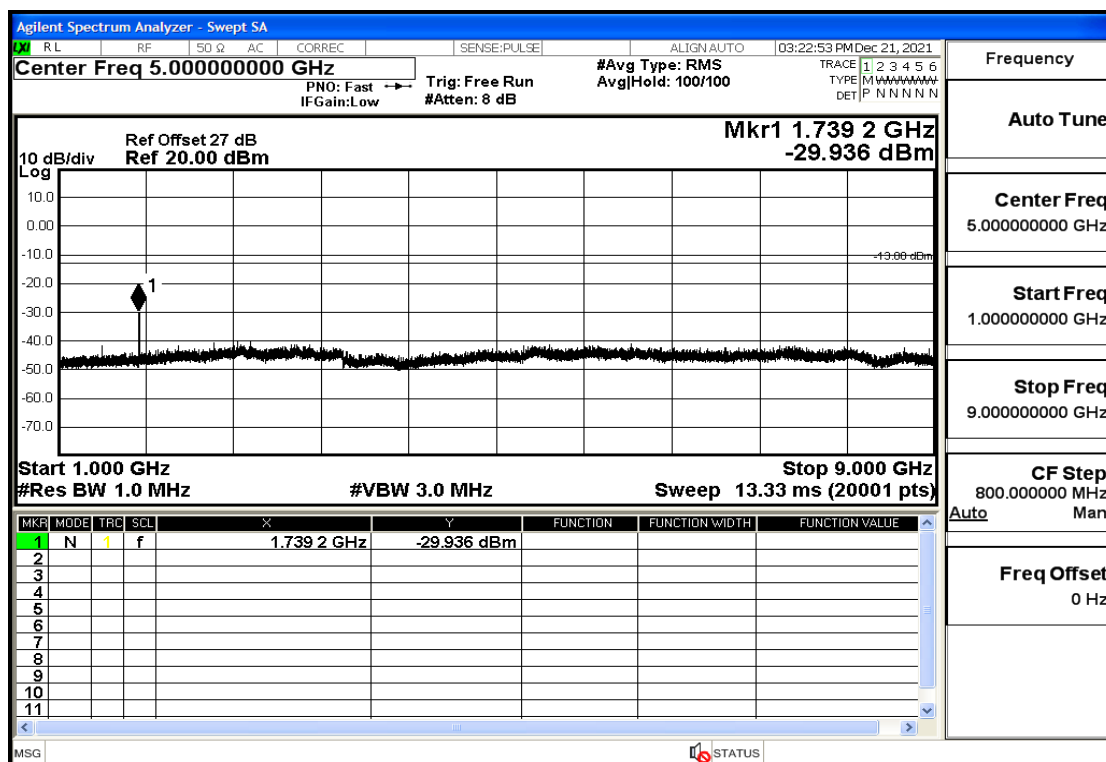
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB12	1.4	699.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	699.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB12	1.4	707.5	QPSK	6	LOW	1GHz-9GHz	Pass
OB12	1.4	715.3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

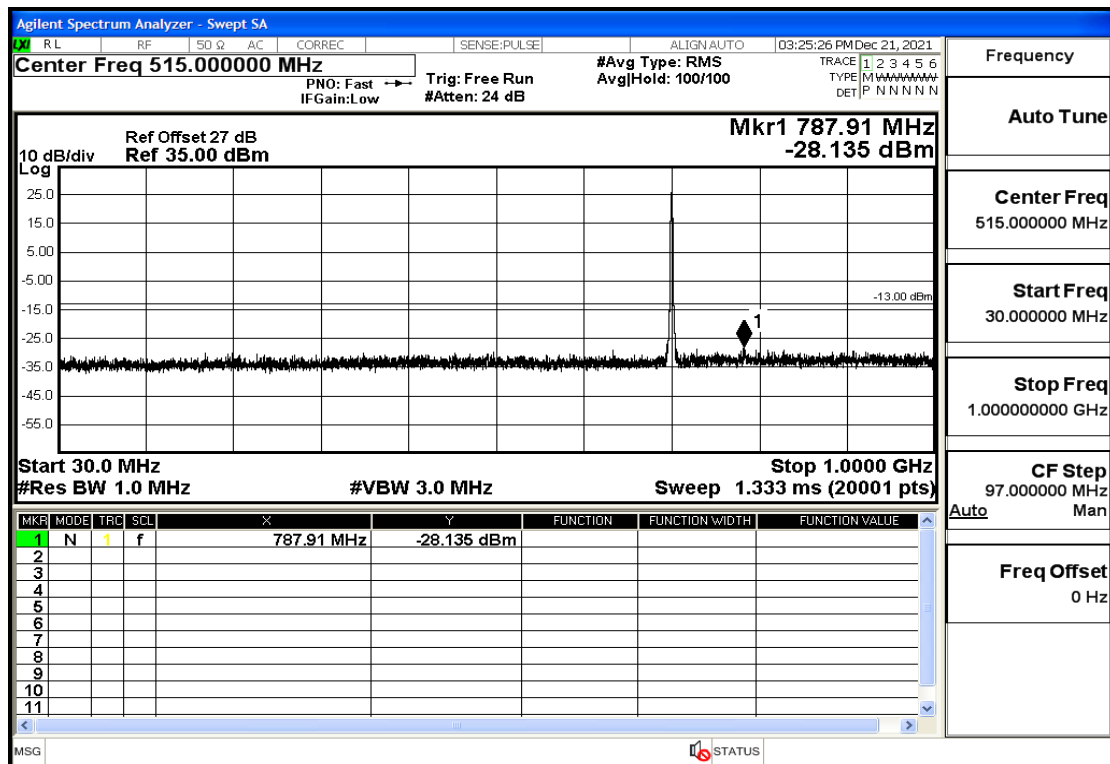
OB12-1.4-699.7-QPSK-6#LOW@30MHz-1GHz@Pass



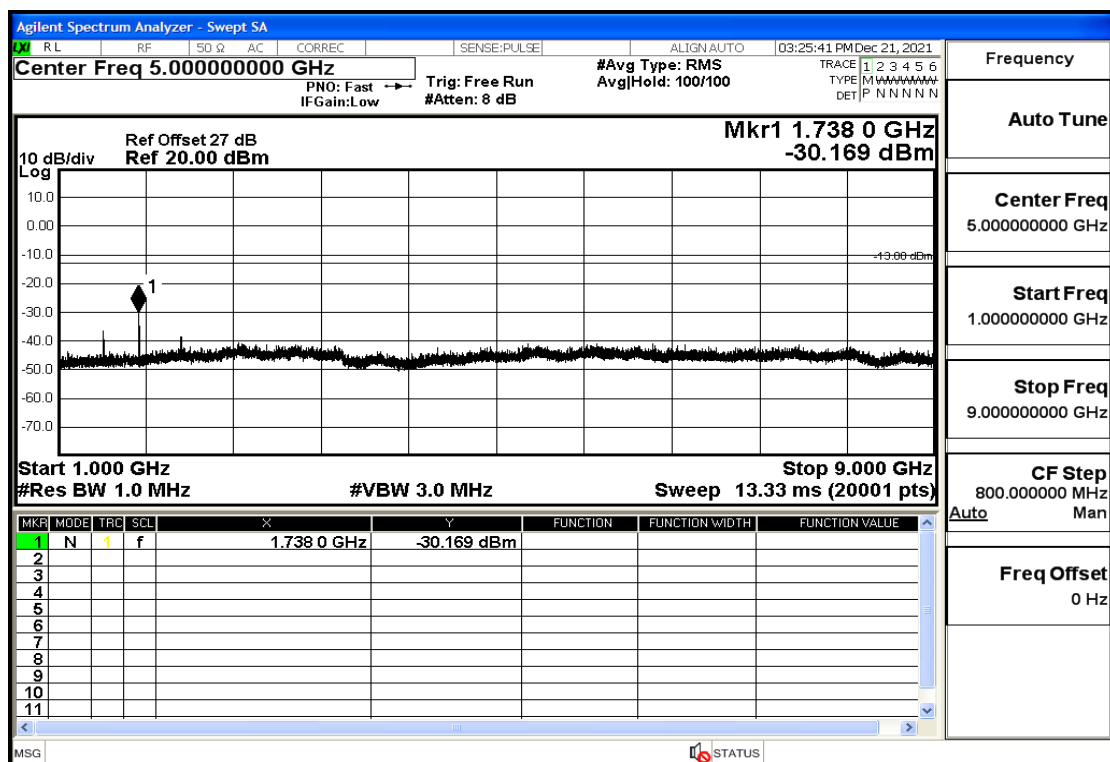
OB12-1.4-699.7-QPSK-6#LOW@1GHz-9GHz@Pass



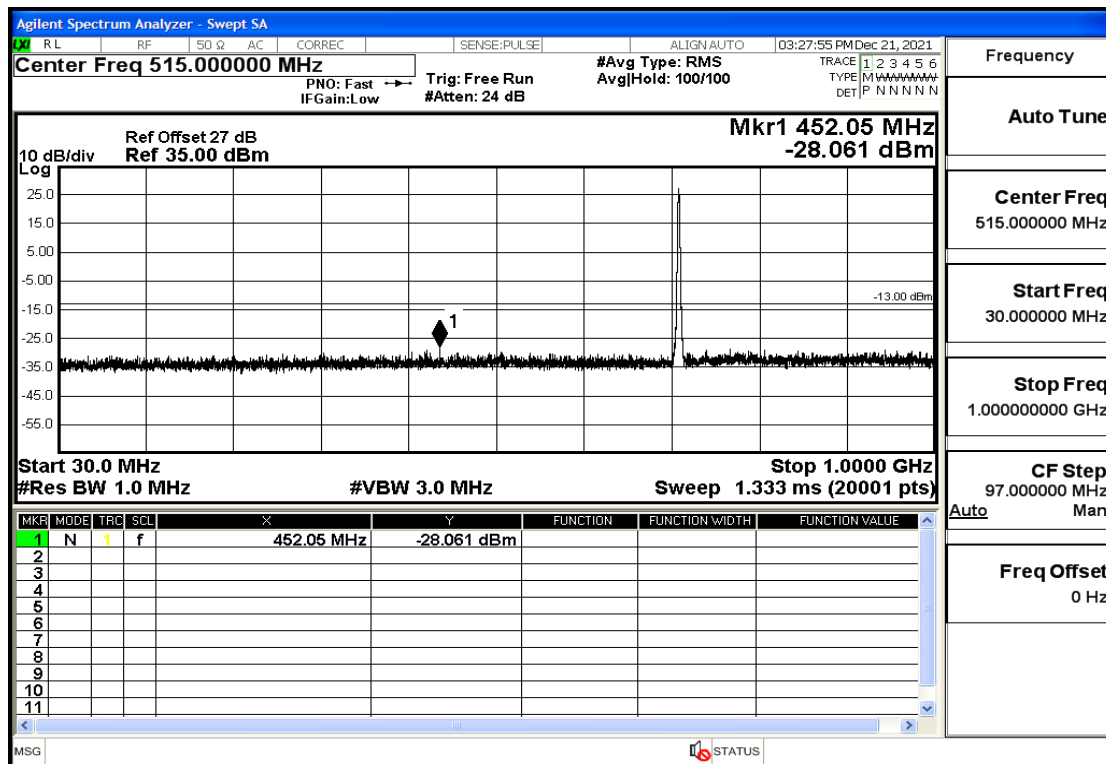
OB12-1.4-707.5-QPSK-6#LOW@30MHz-1GHz@Pass



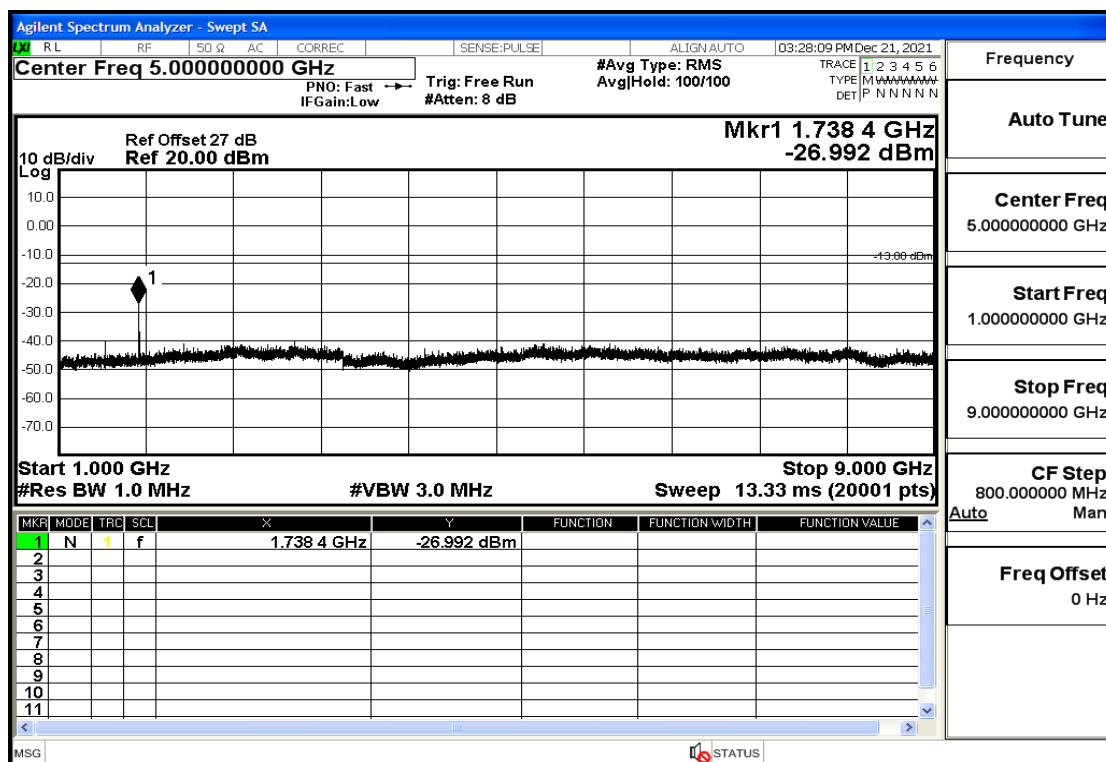
OB12-1.4-707.5-QPSK-6#LOW@1GHz-9GHz@Pass



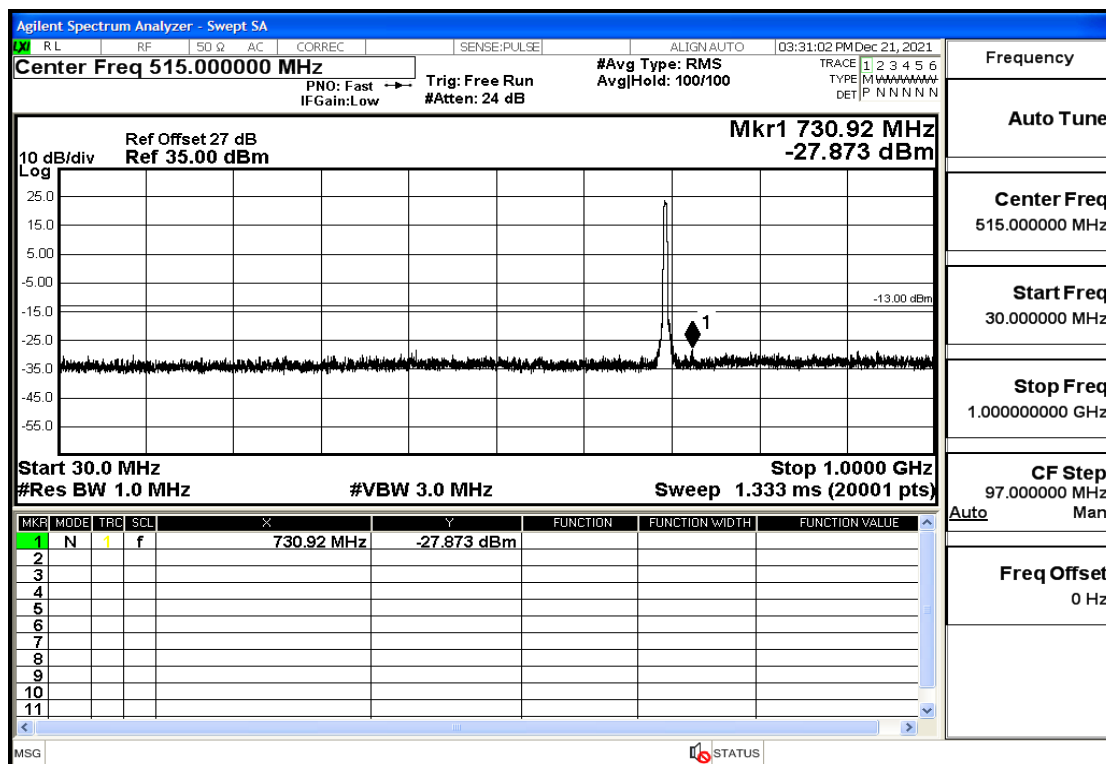
OB12-1.4-715.3-QPSK-6#LOW@30mHz-1GHz@Pass



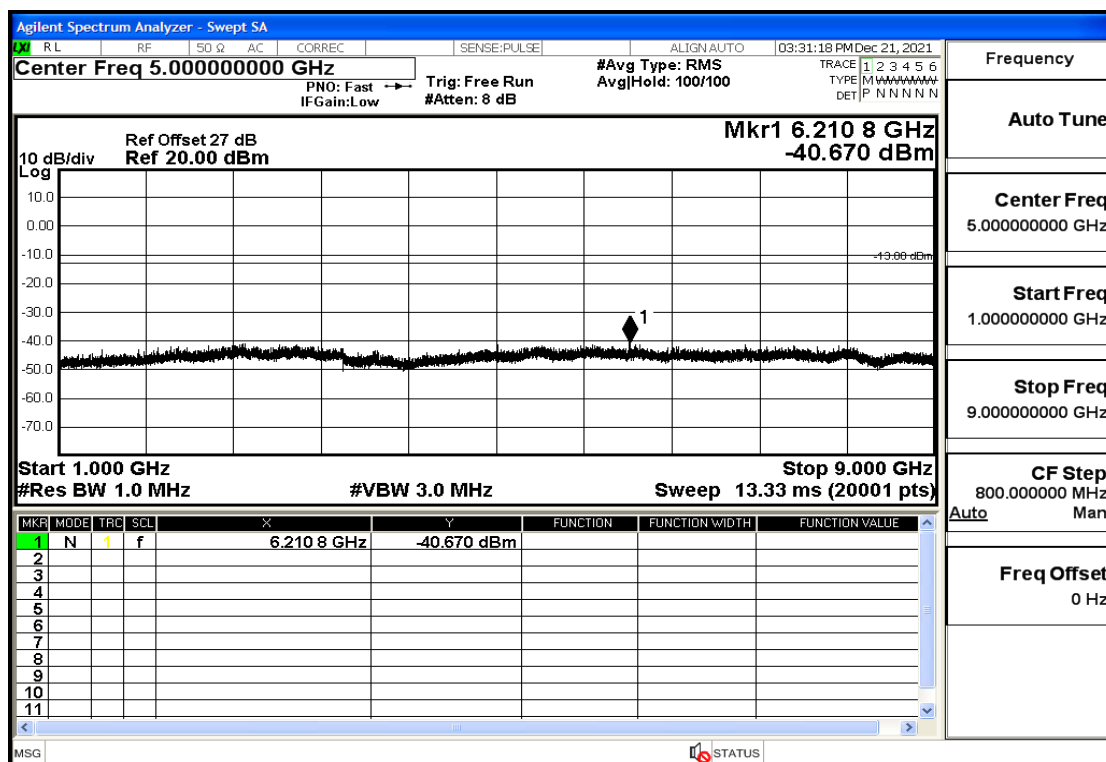
OB12-1.4-715.3-QPSK-6#LOW@1GHz-9GHz@Pass



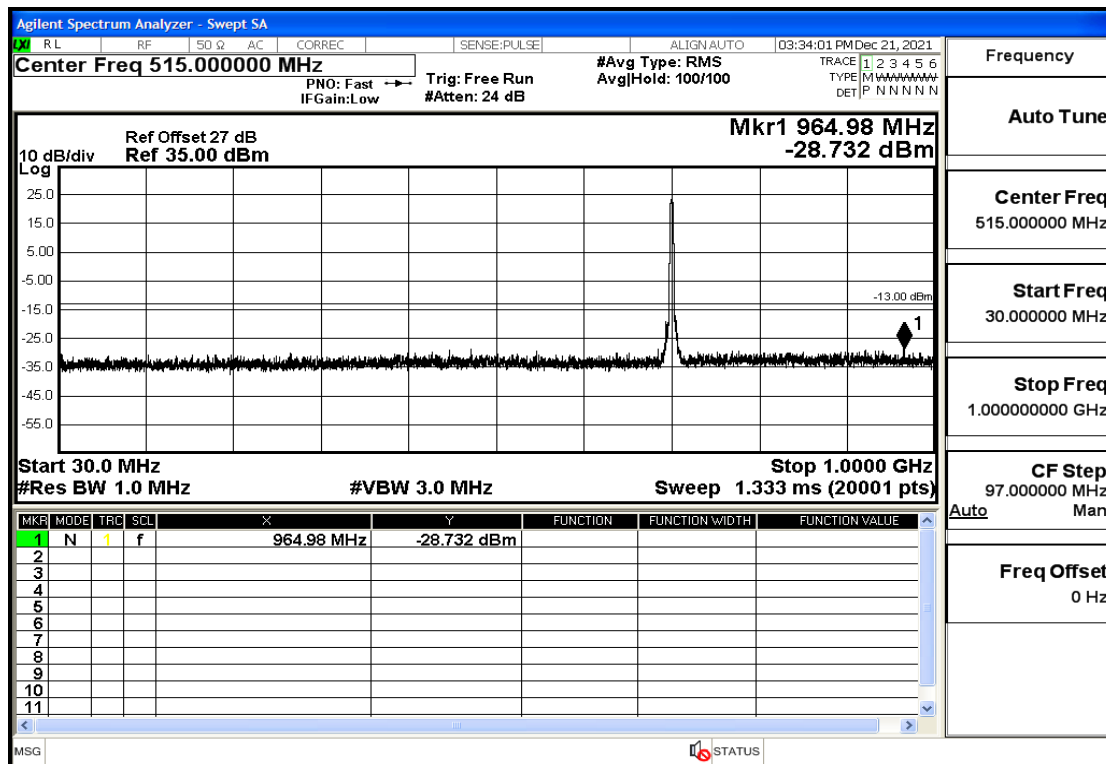
OB12-3-700.5-QPSK-15#LOW@30MHz-1GHz@Pass



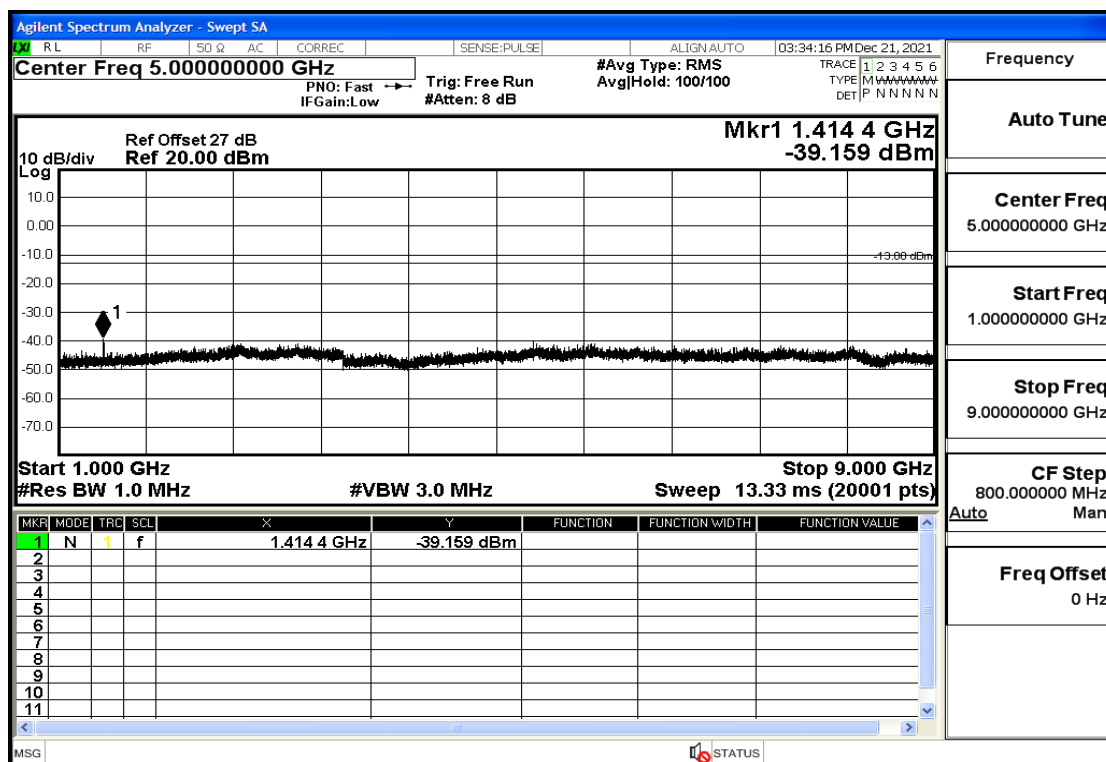
OB12-3-700.5-QPSK-15#LOW@1GHz-9GHz@Pass



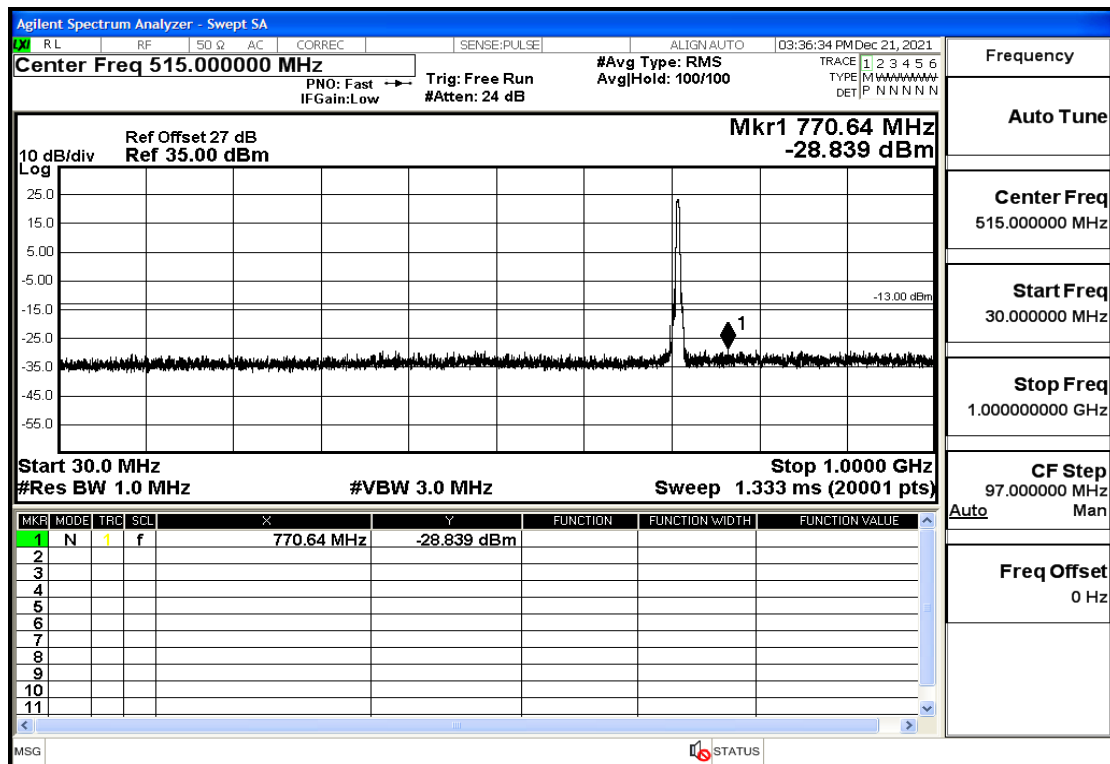
OB12-3-707.5-QPSK-15#LOW@30MHz-1GHz@Pass



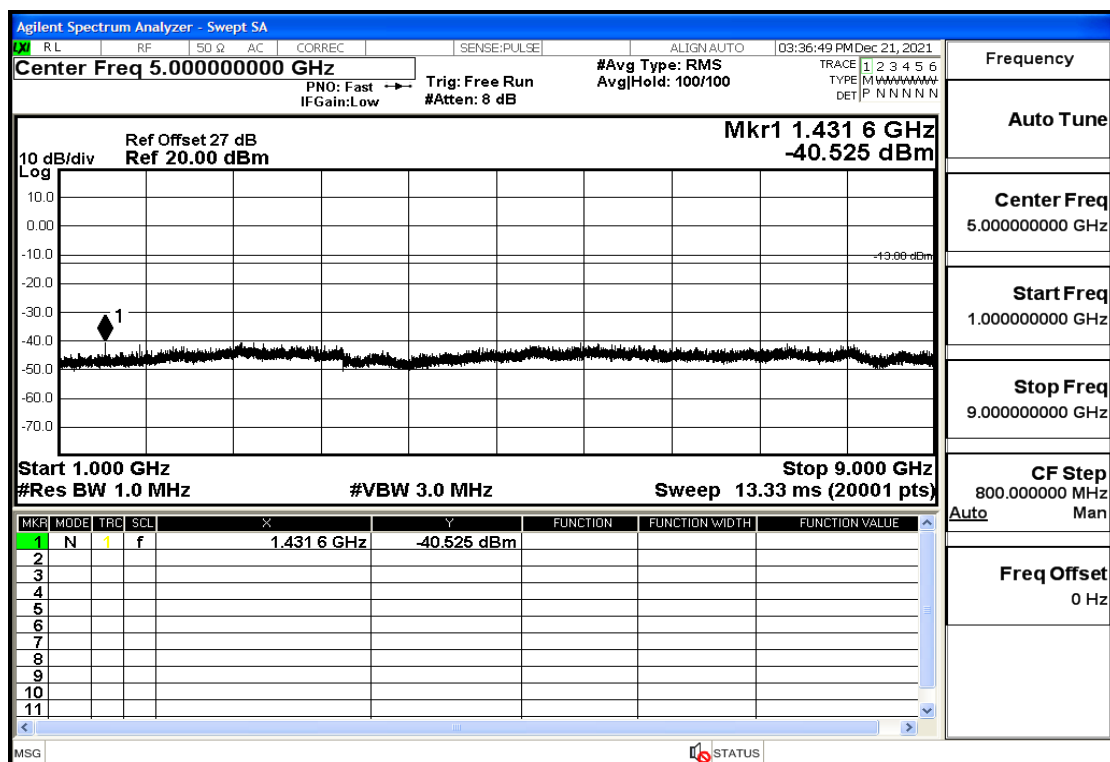
OB12-3-707.5-QPSK-15#LOW@1GHz-9GHz@Pass



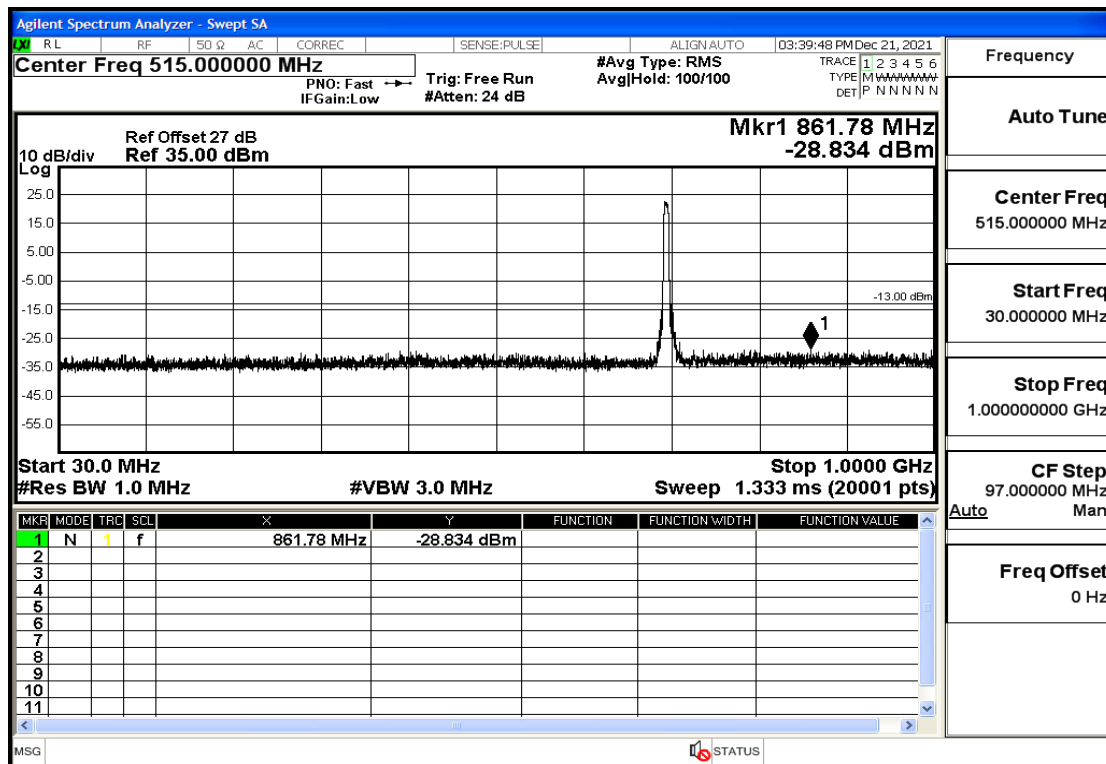
OB12-3-714.5-QPSK-15#LOW@30MHz-1GHz@Pass



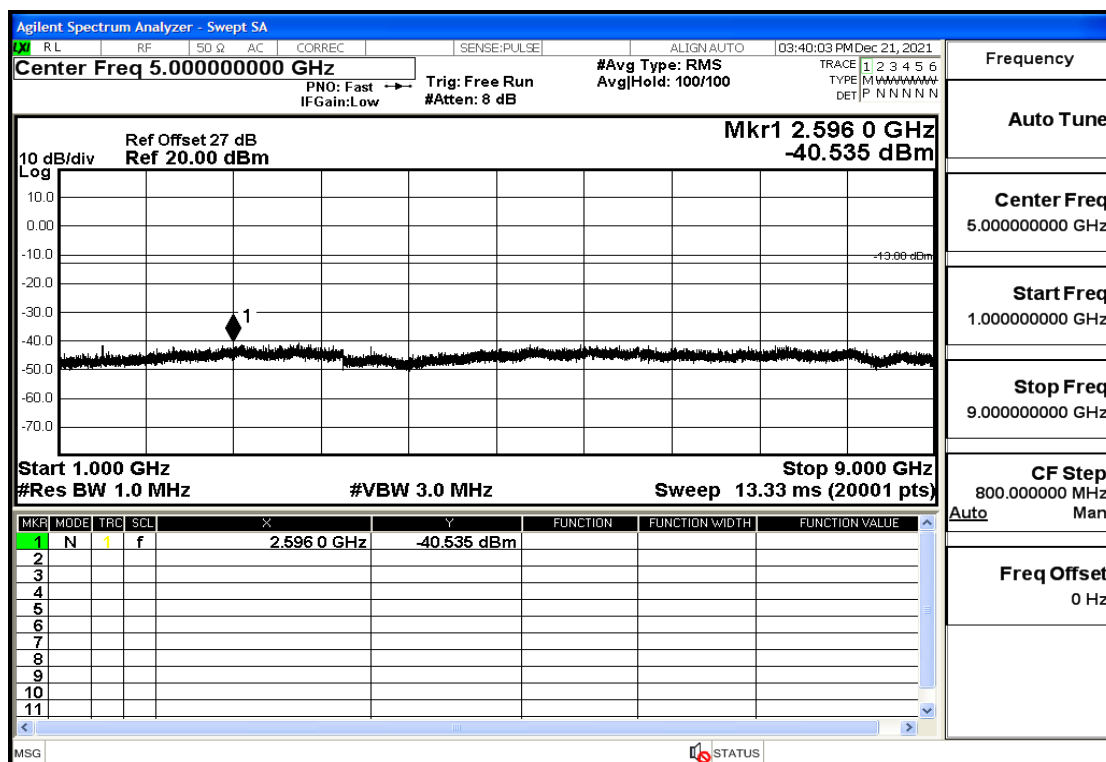
OB12-3-714.5-QPSK-15#LOW@1GHz-9GHz@Pass



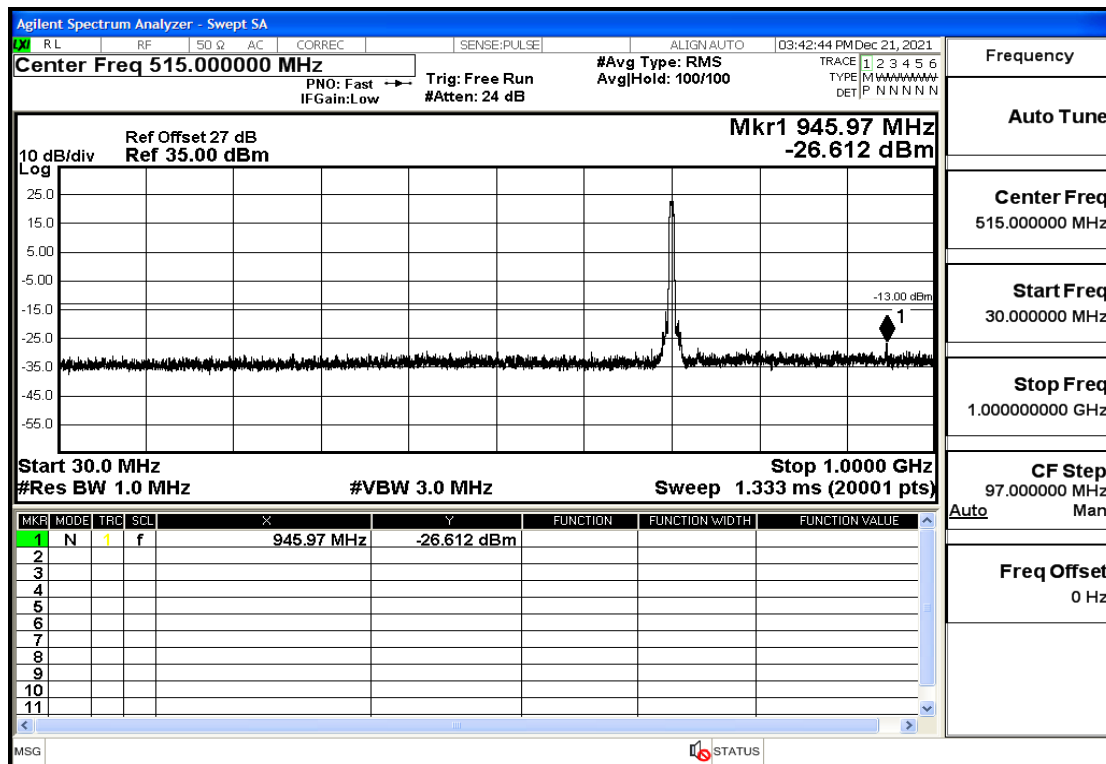
OB12-5-701.5-QPSK-25#LOW@30MHz-1GHz@Pass



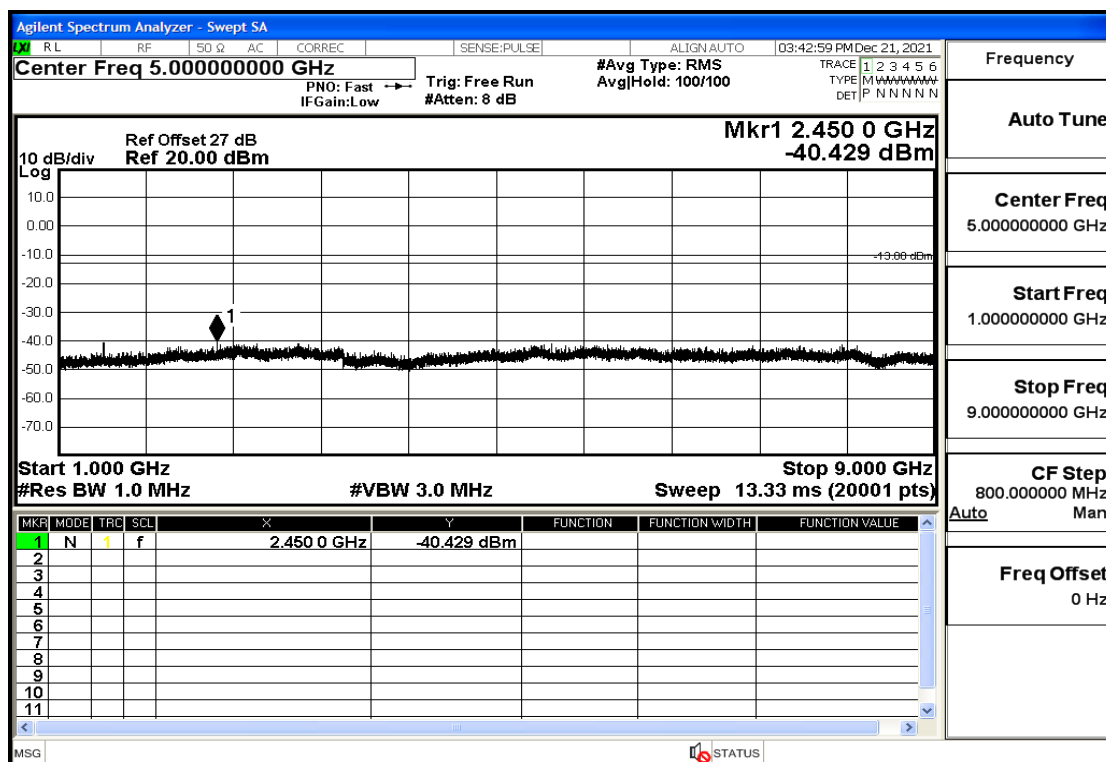
OB12-5-701.5-QPSK-25#LOW@1GHz-9GHz@Pass



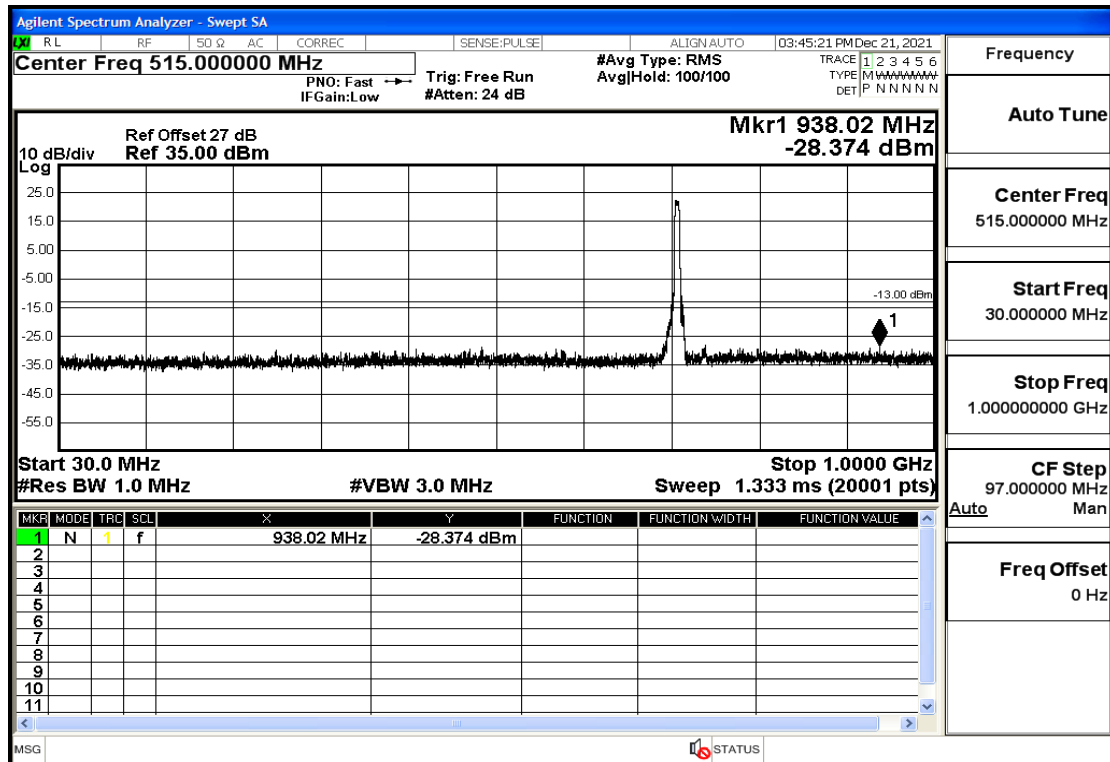
OB12-5-707.5-QPSK-25#LOW@30MHz-1GHz@Pass



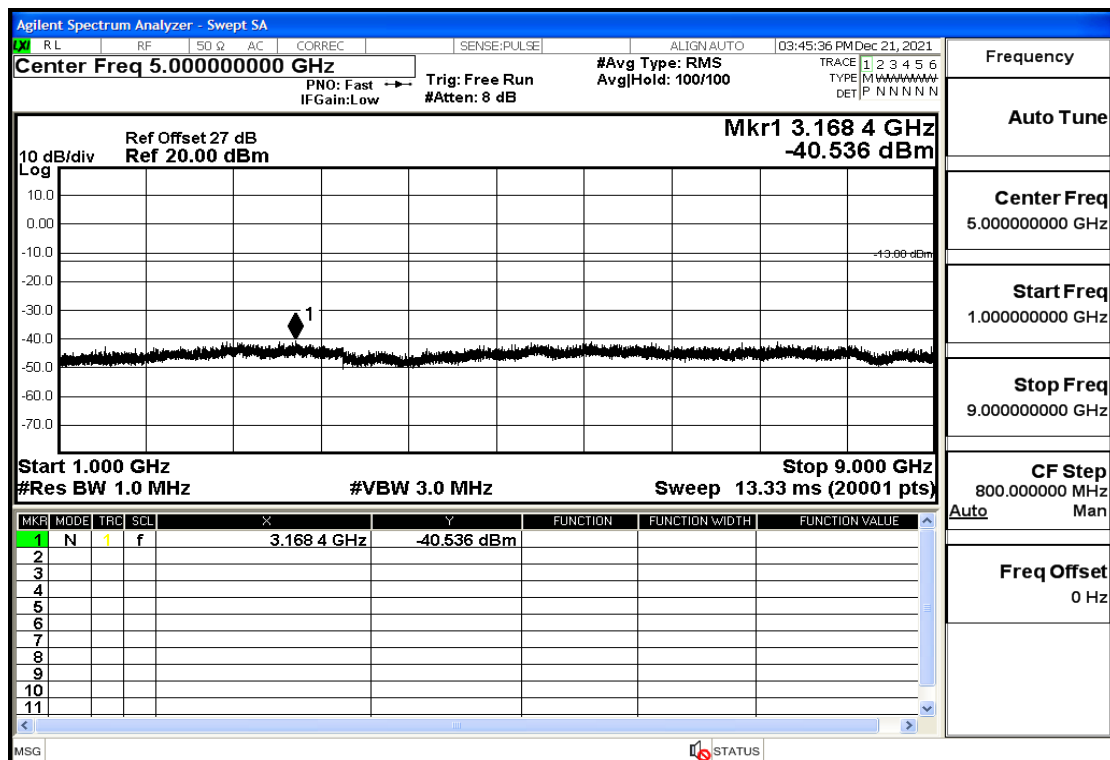
OB12-5-707.5-QPSK-25#LOW@1GHz-9GHz@Pass



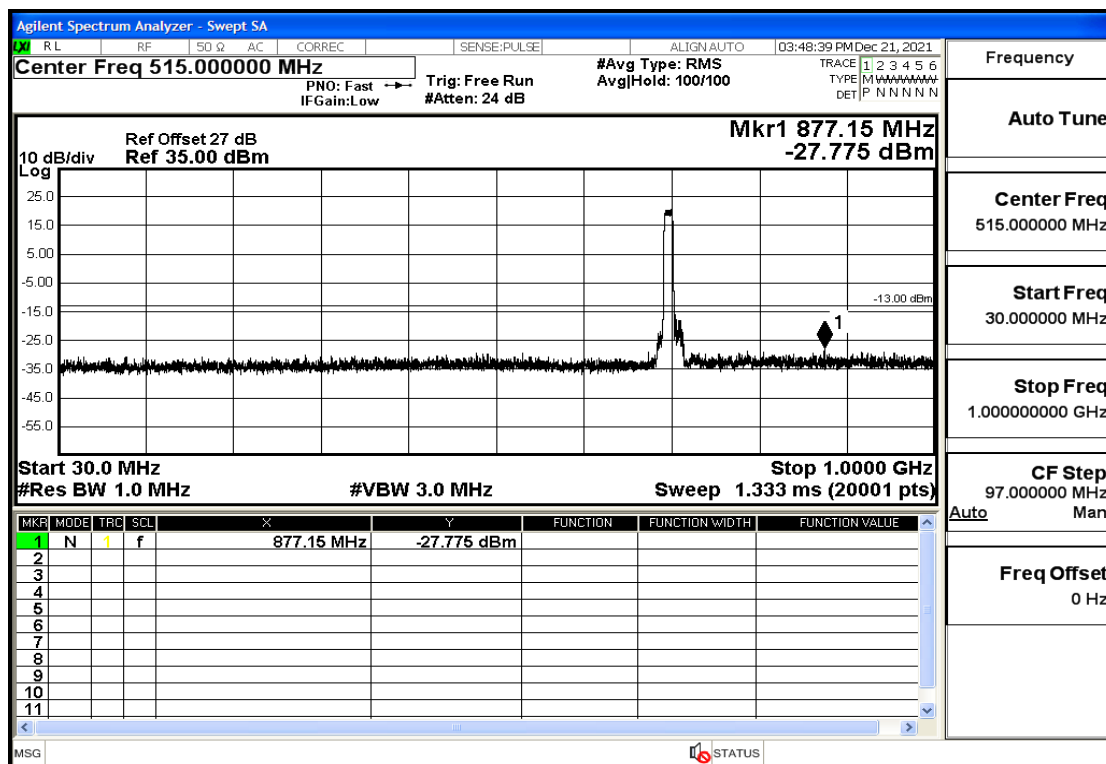
OB12-5-713.5-QPSK-25#LOW@30MHz-1GHz@Pass



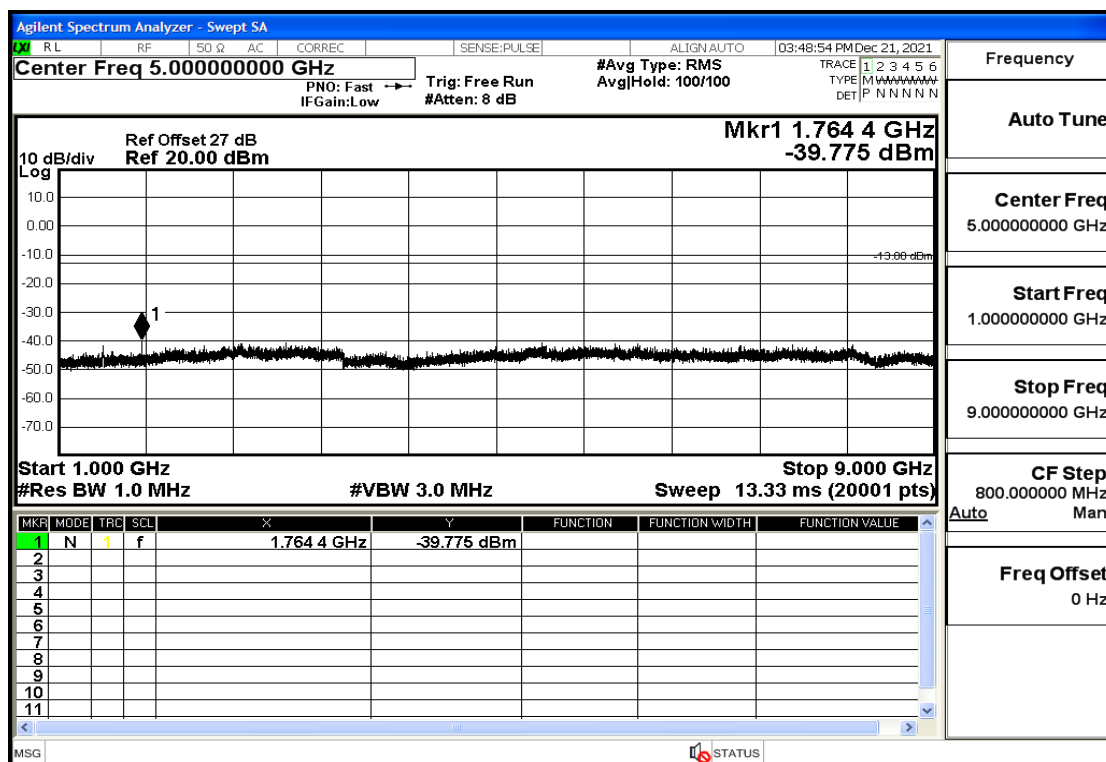
OB12-5-713.5-QPSK-25#LOW@1GHz-9GHz@Pass



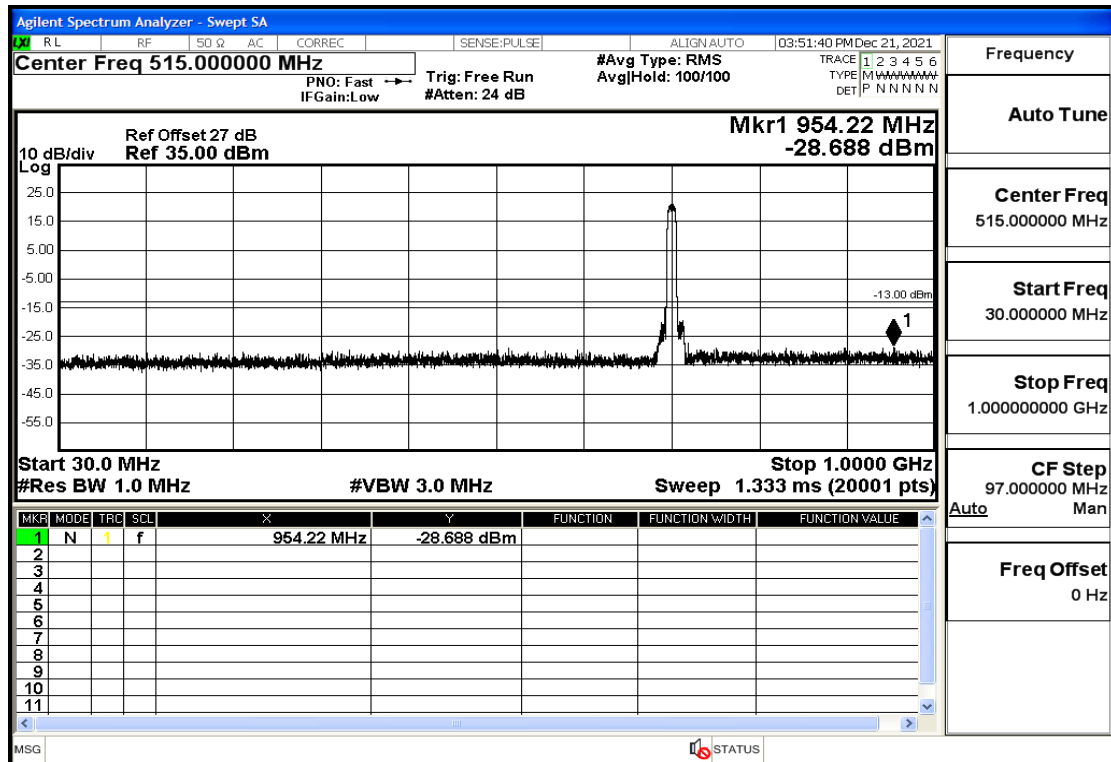
OB12-10-704-QPSK-50#LOW@30mHz-1GHz@Pass



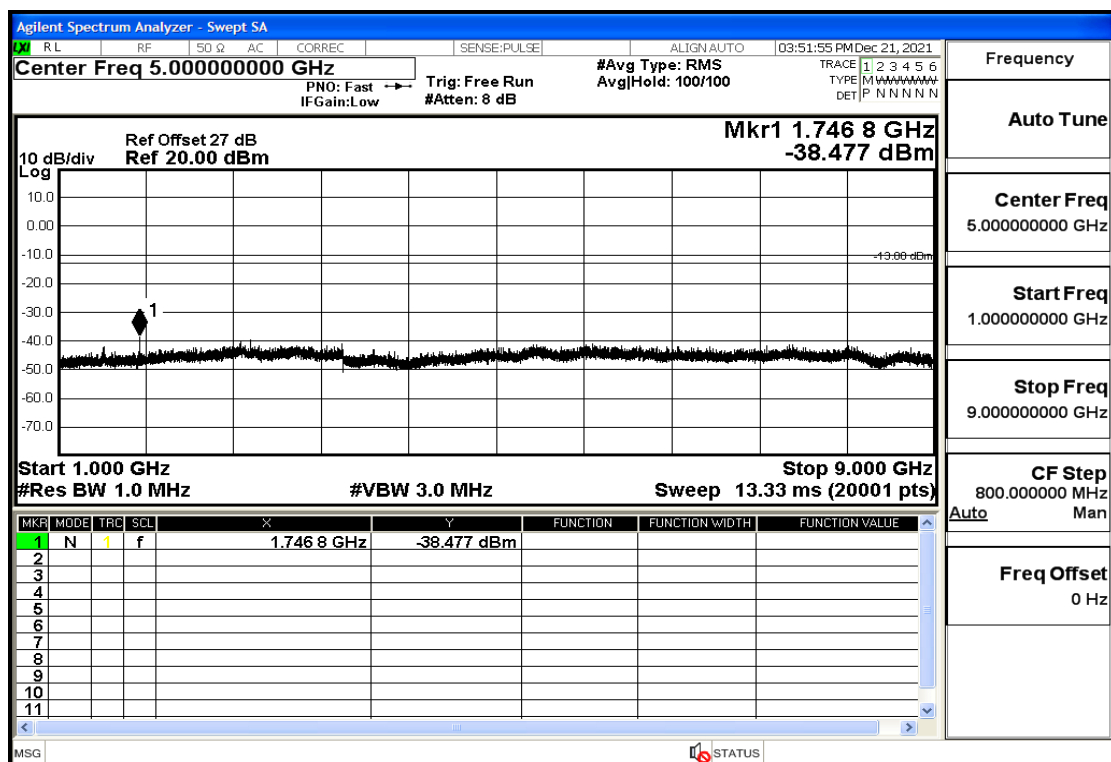
OB12-10-704-QPSK-50#LOW@1GHz-9GHz@Pass



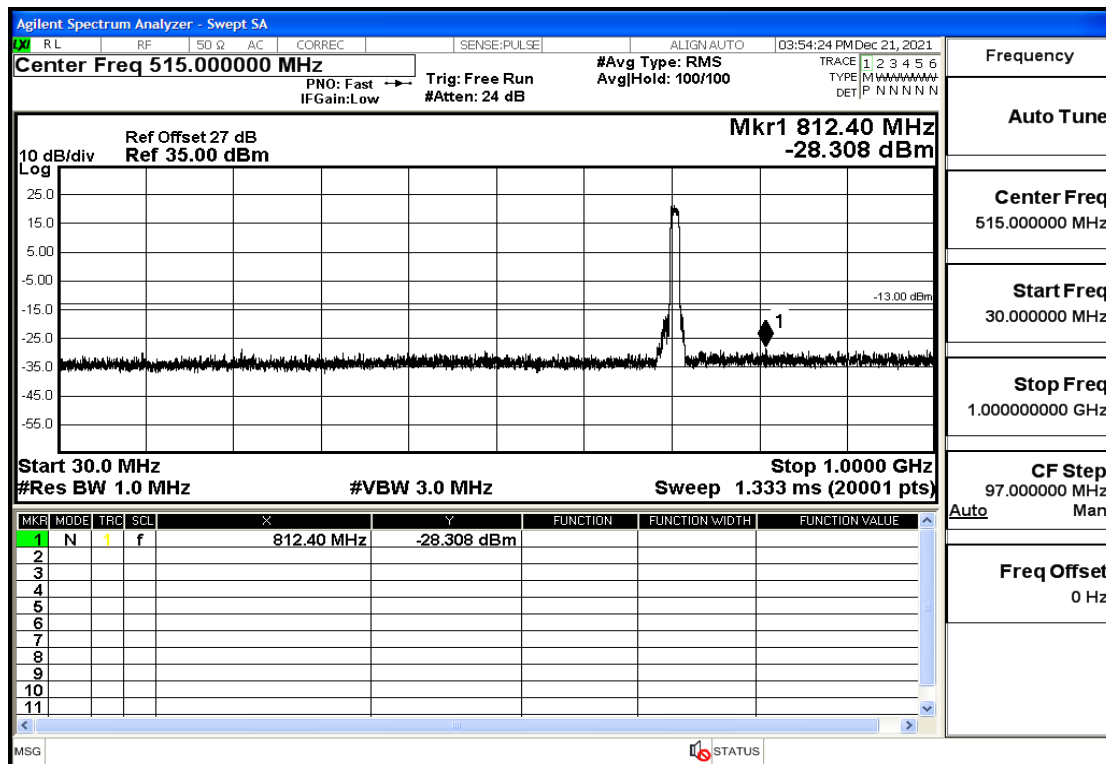
OB12-10-707.5-QPSK-50#LOW@30mHz-1GHz@Pass



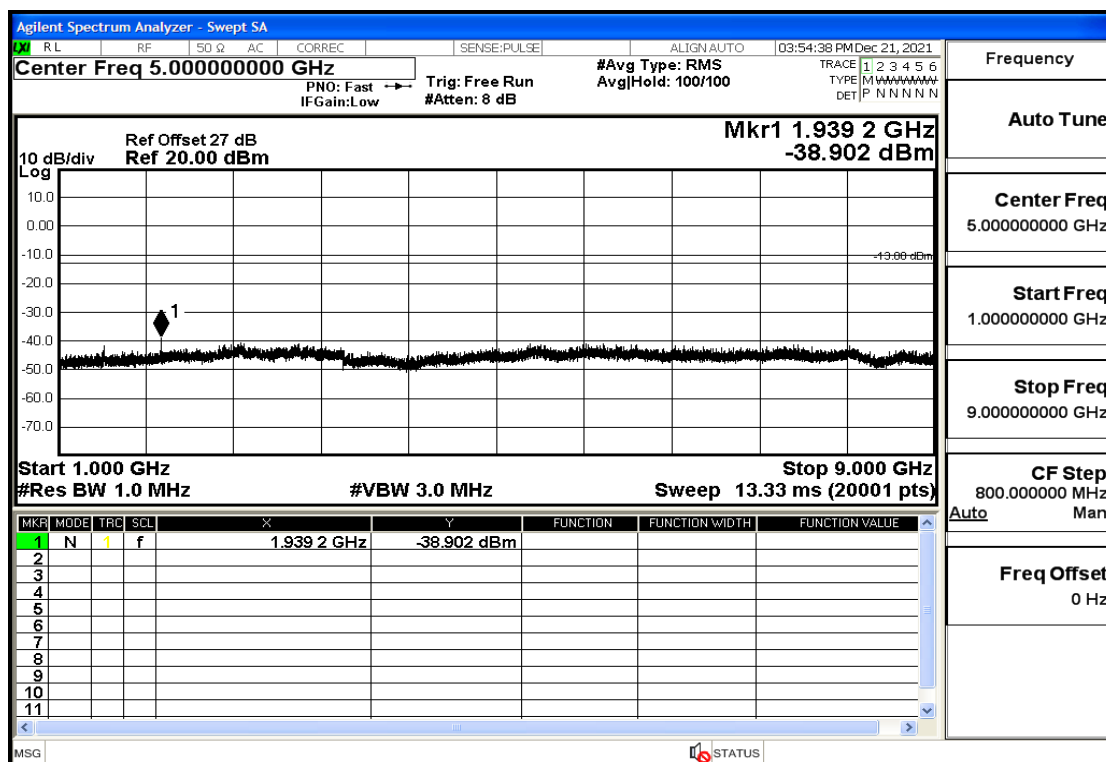
OB12-10-707.5-QPSK-50#LOW@1GHz-9GHz@Pass



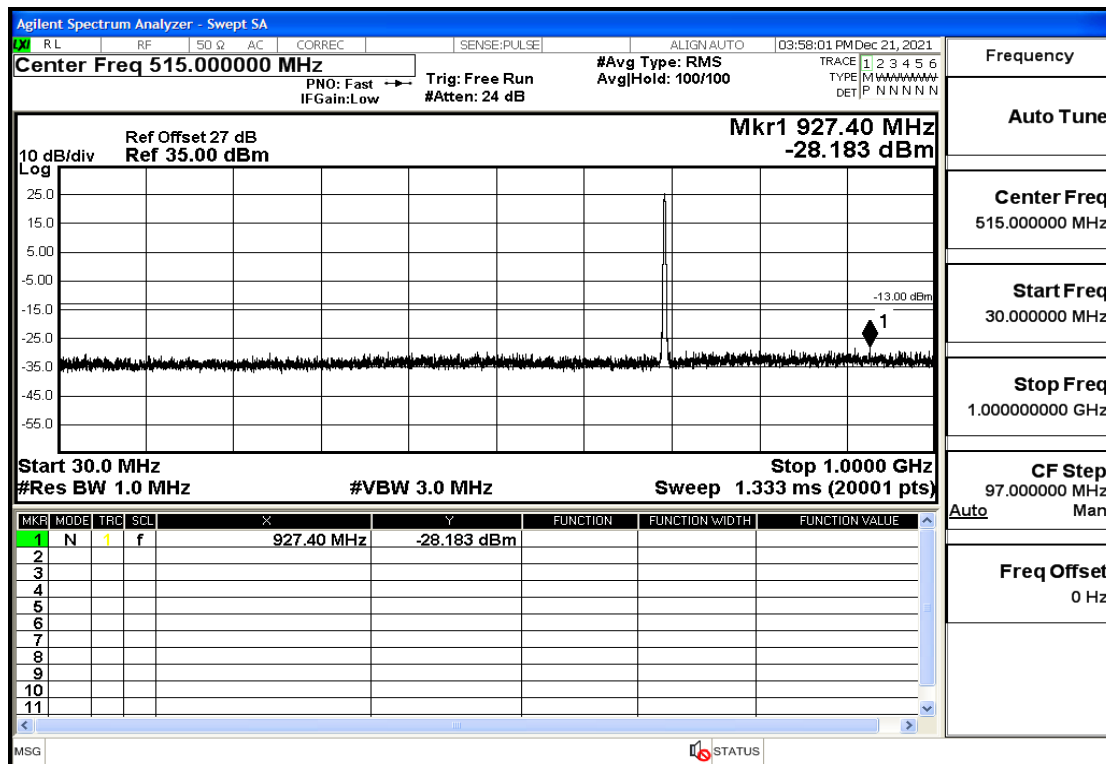
OB12-10-711-QPSK-50#LOW@30mHz-1GHz@Pass



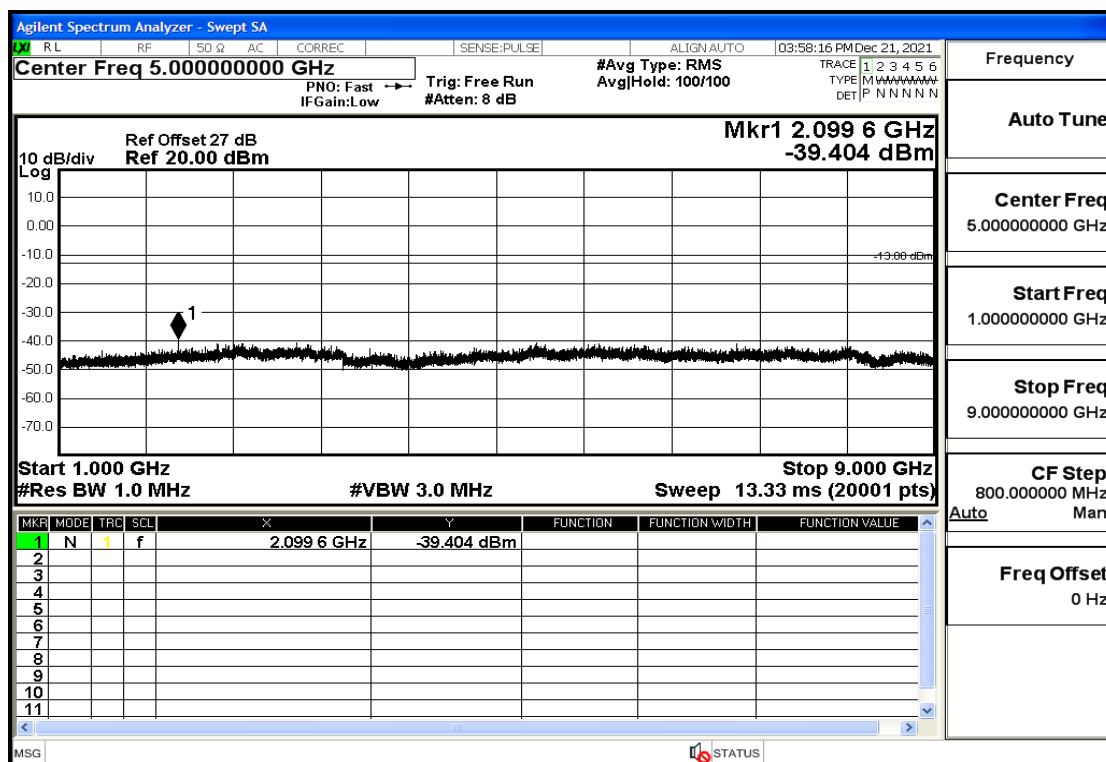
OB12-10-711-QPSK-50#LOW@1GHz-9GHz@Pass



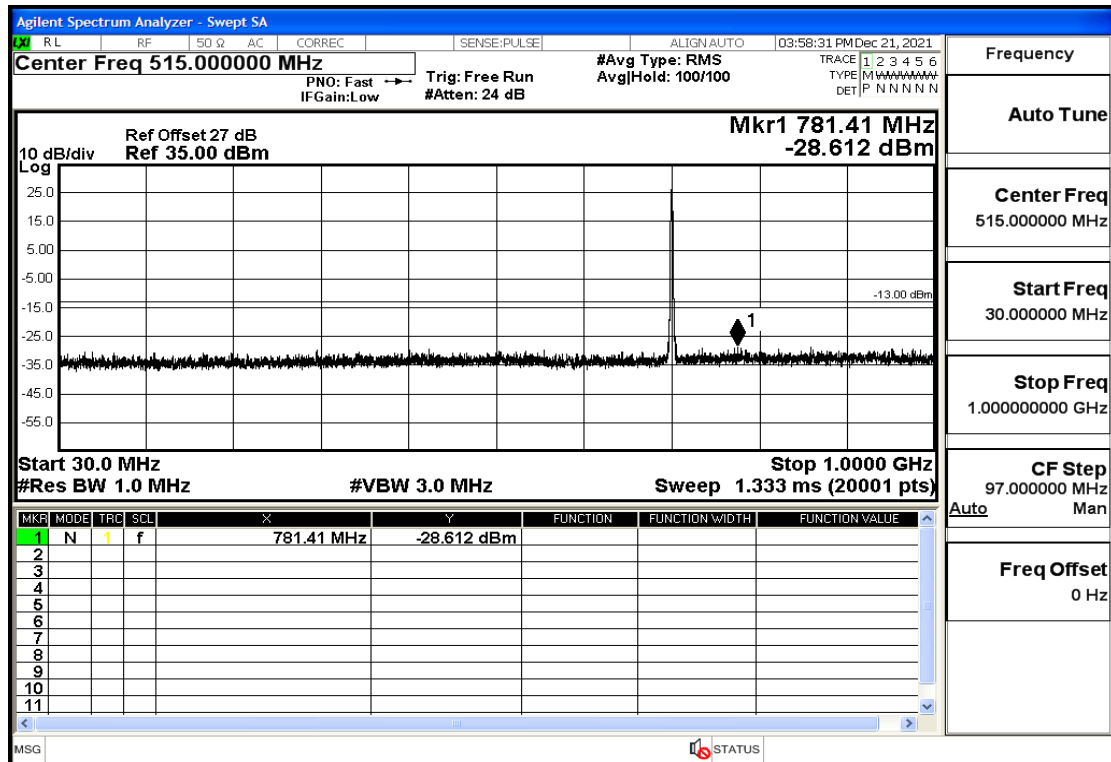
OB12-1.4-699.7-Q16-6#LOW@30mHz-1GHz@Pass



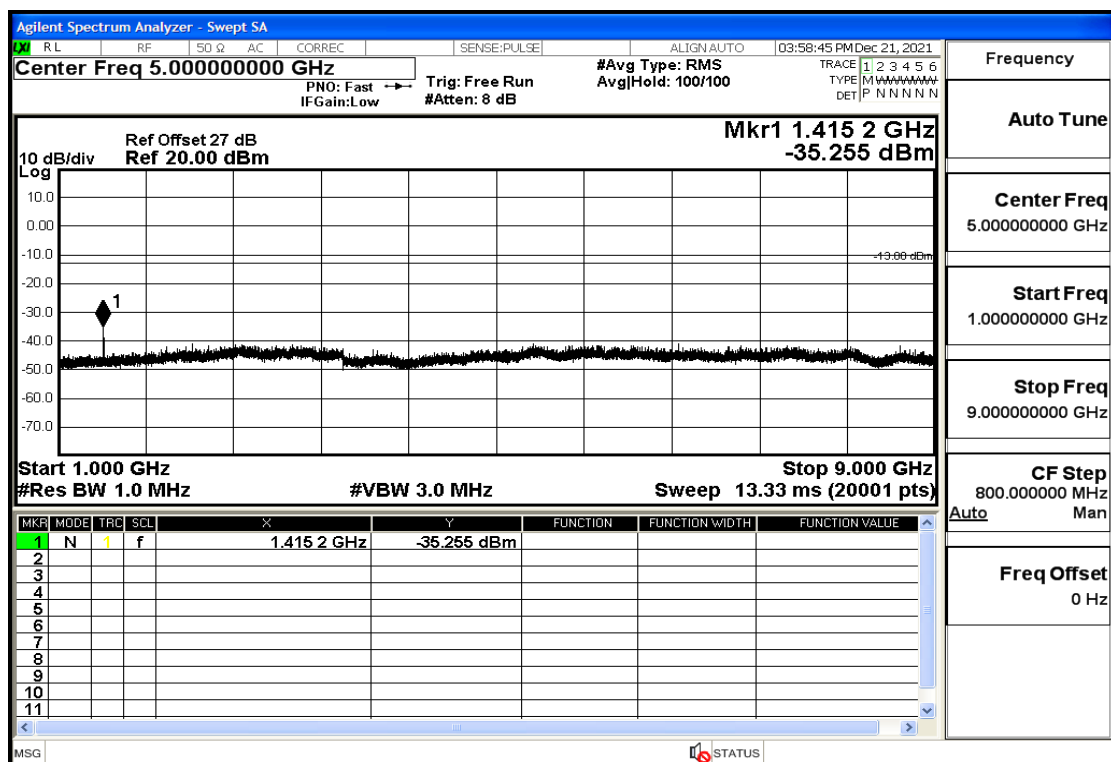
OB12-1.4-699.7-Q16-6#LOW@1GHz-9GHz@Pass



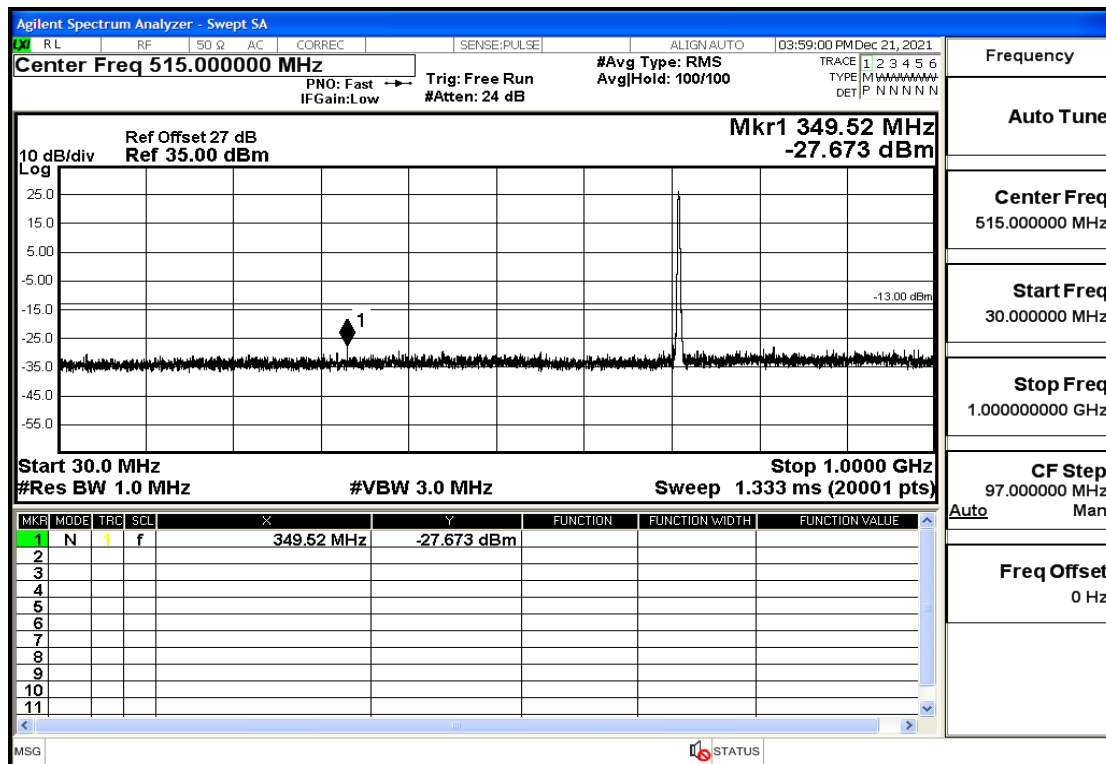
OB12-1.4-707.5-Q16-6#LOW@30mHz-1GHz@Pass



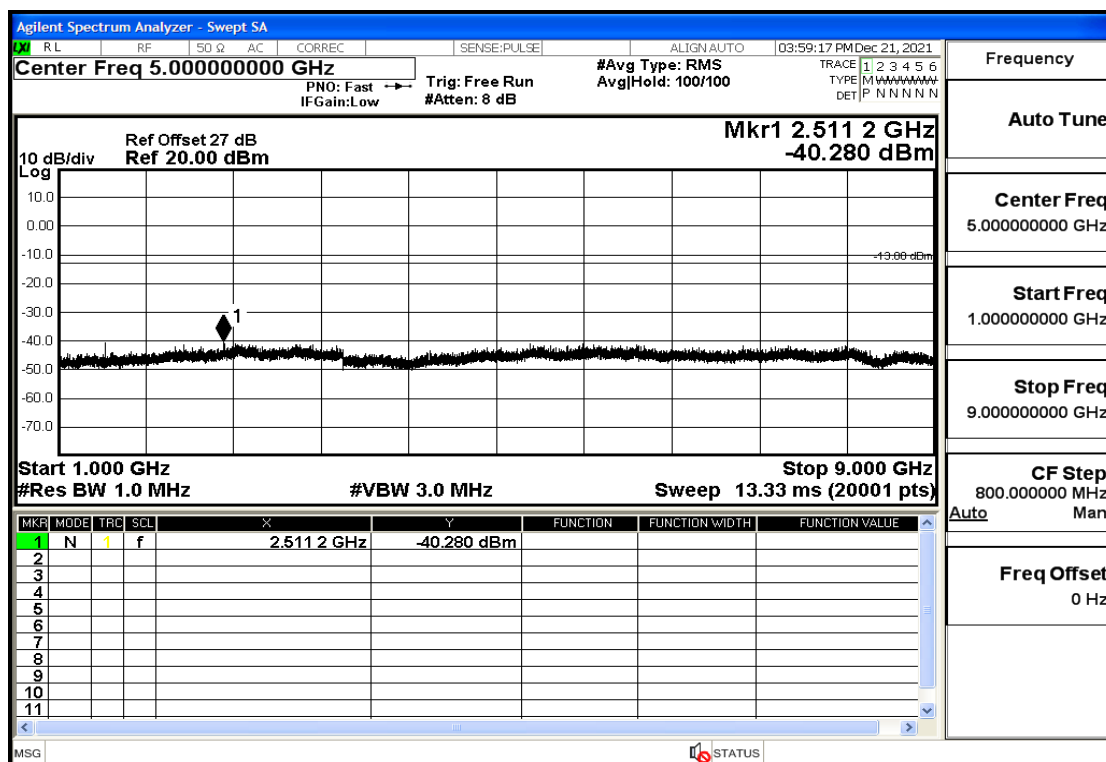
OB12-1.4-707.5-Q16-6#LOW@1GHz-9GHz@Pass



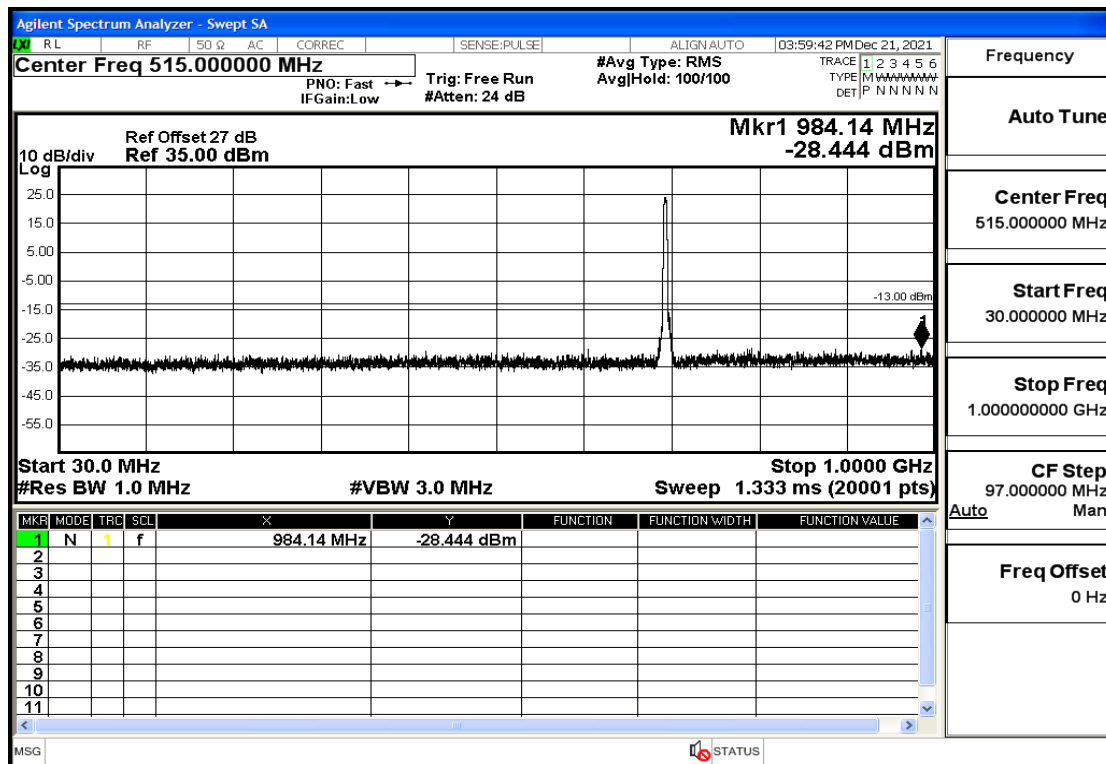
OB12-1.4-715.3-Q16-6#LOW@30mHz-1GHz@Pass



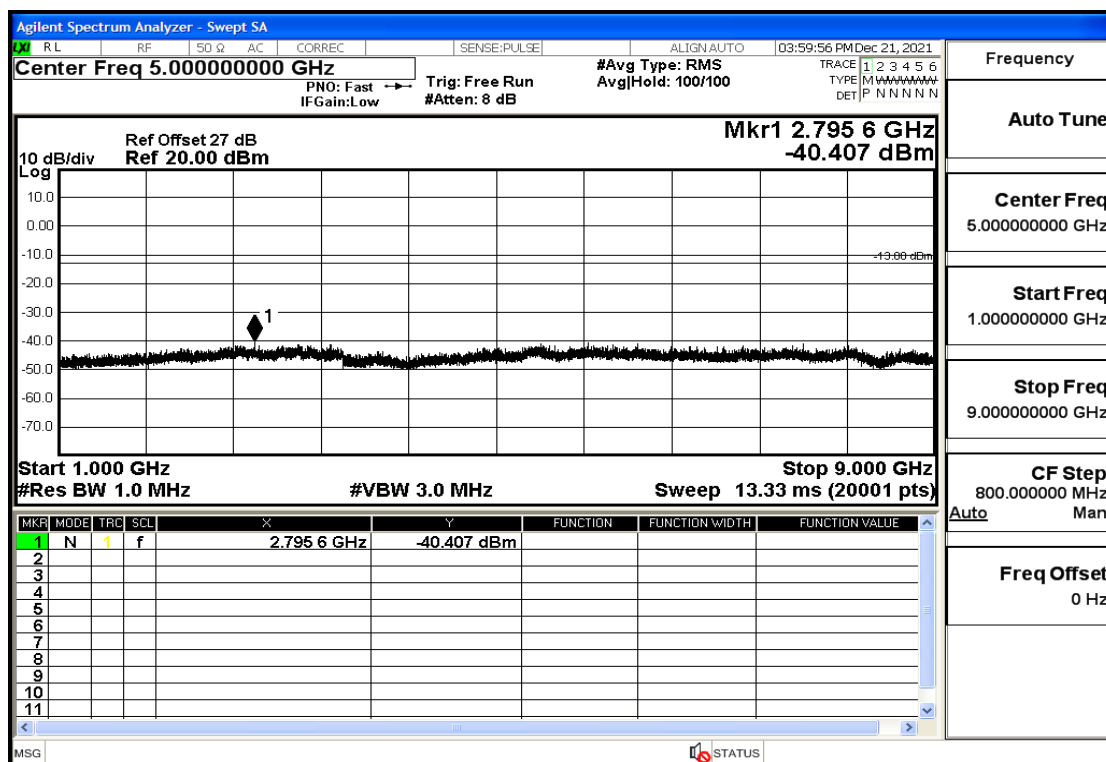
OB12-1.4-715.3-Q16-6#LOW@1GHz-9GHz@Pass



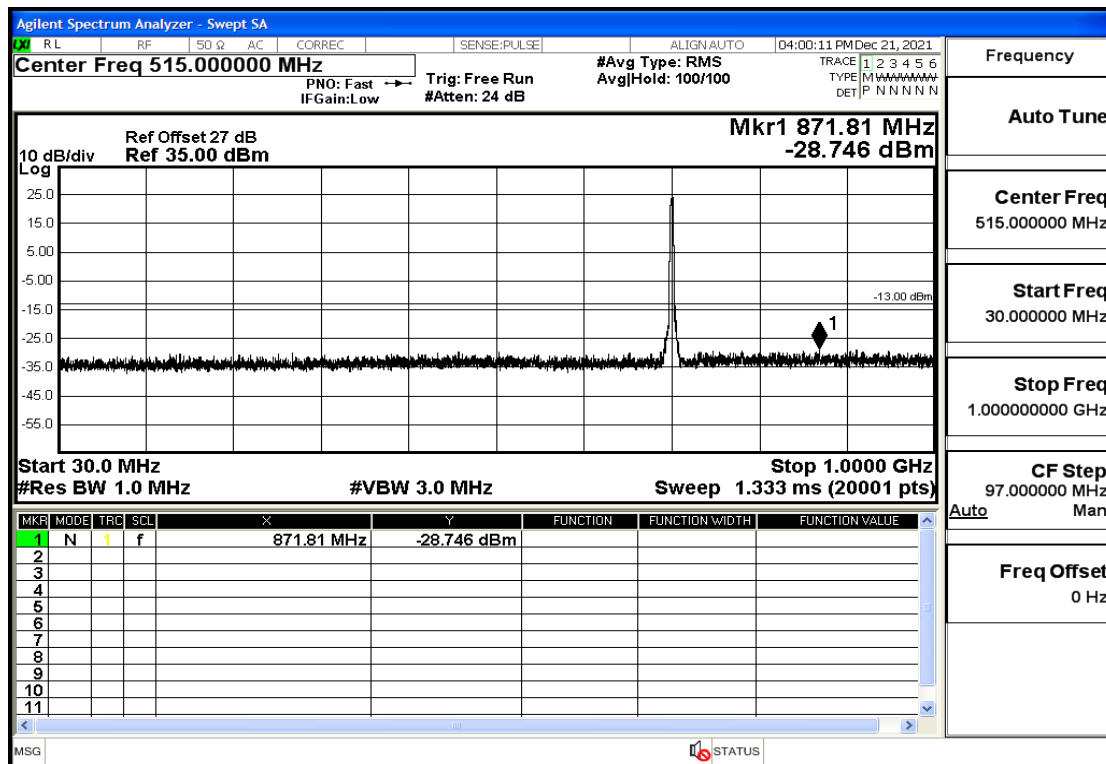
OB12-3-700.5-Q16-15#LOW@30mHz-1GHz@Pass



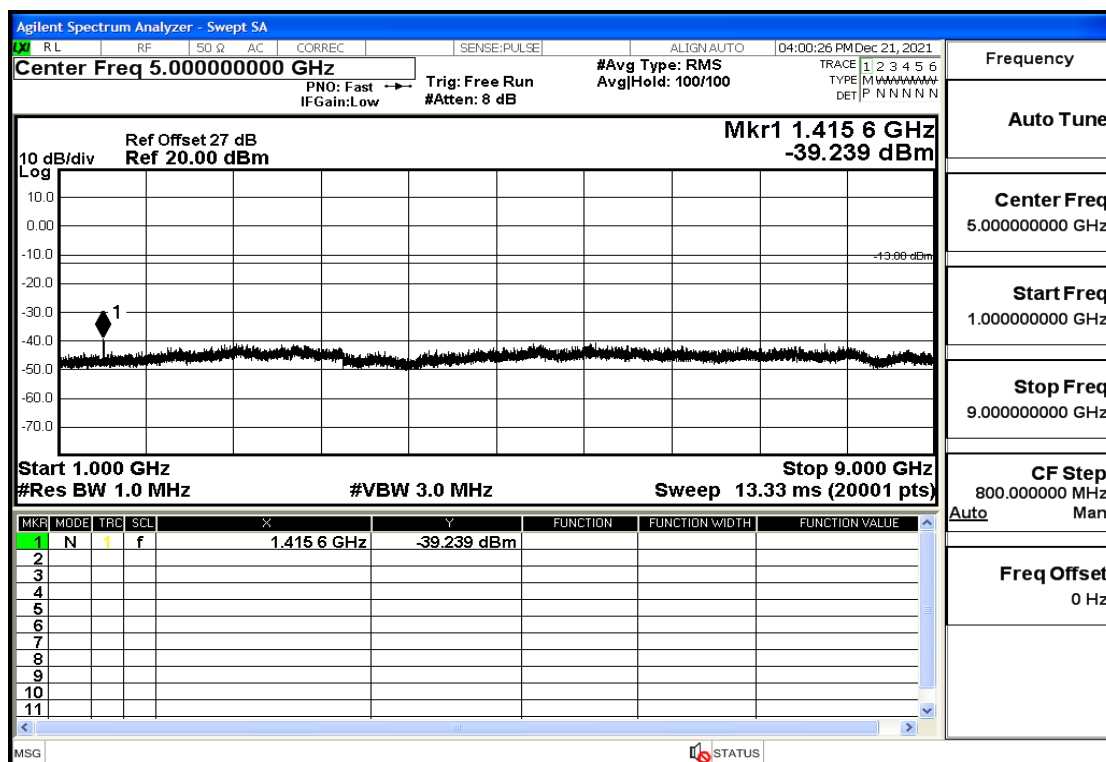
OB12-3-700.5-Q16-15#LOW@1GHz-9GHz@Pass



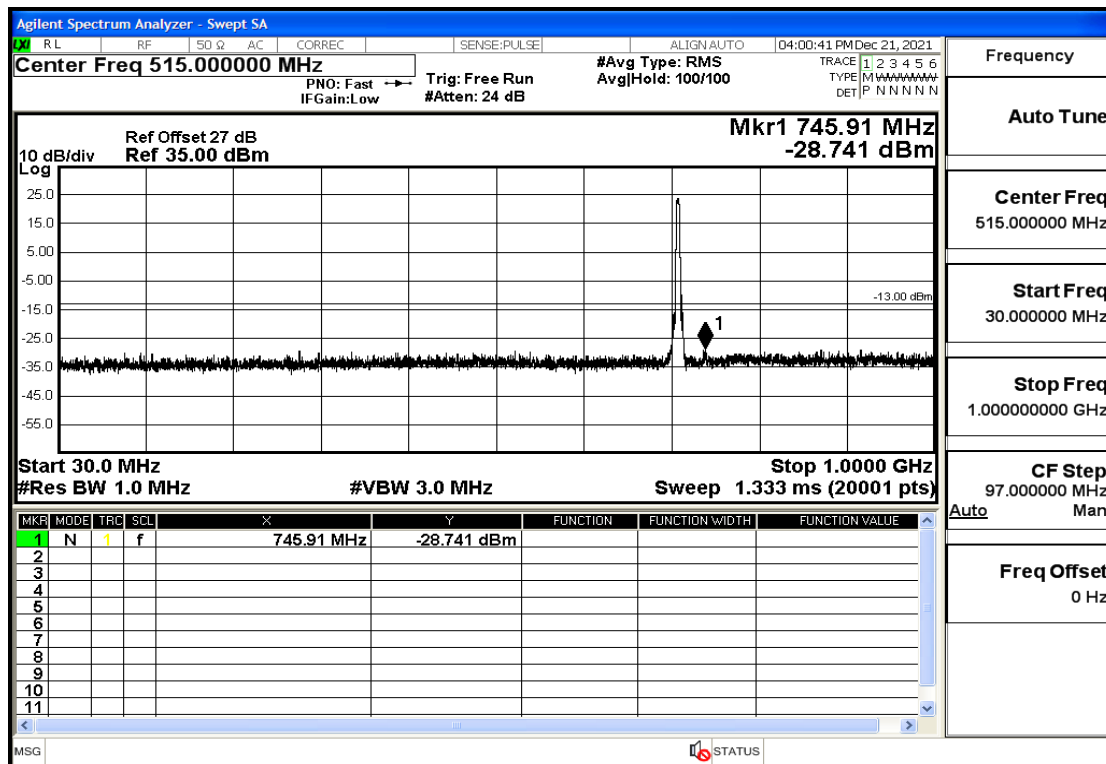
OB12-3-707.5-Q16-15#LOW@30mHz-1GHz@Pass



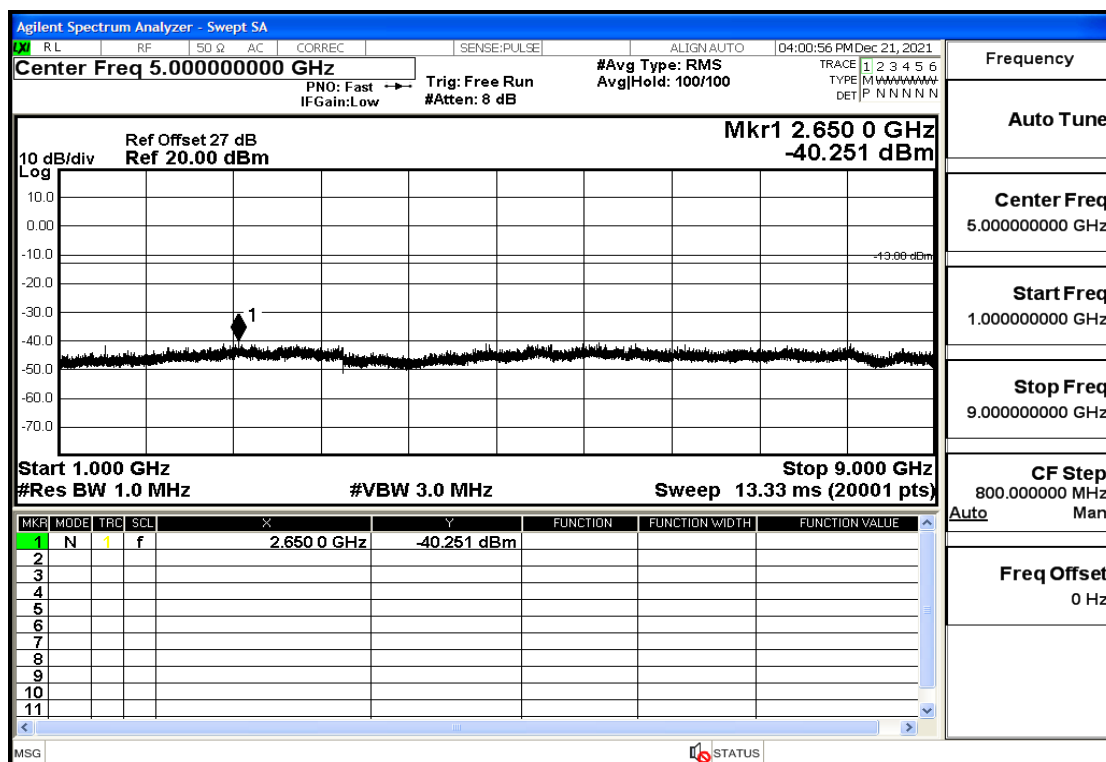
OB12-3-707.5-Q16-15#LOW@1GHz-9GHz@Pass



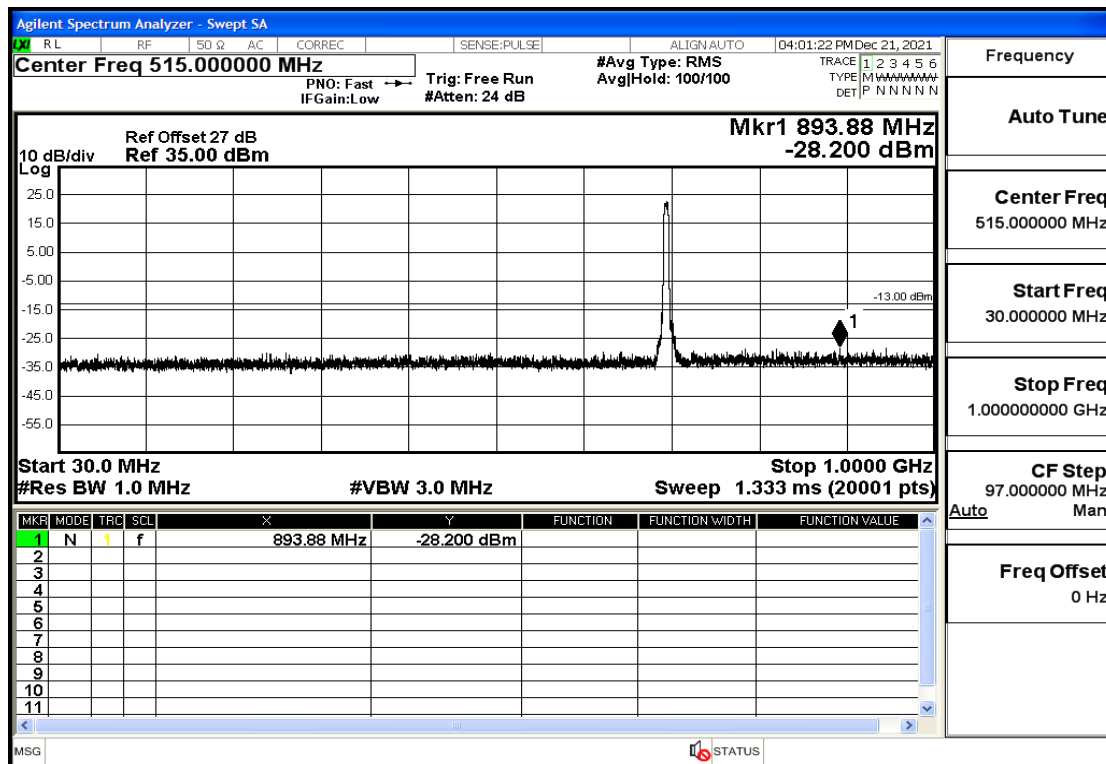
OB12-3-714.5-Q16-15#LOW@30mHz-1GHz@Pass



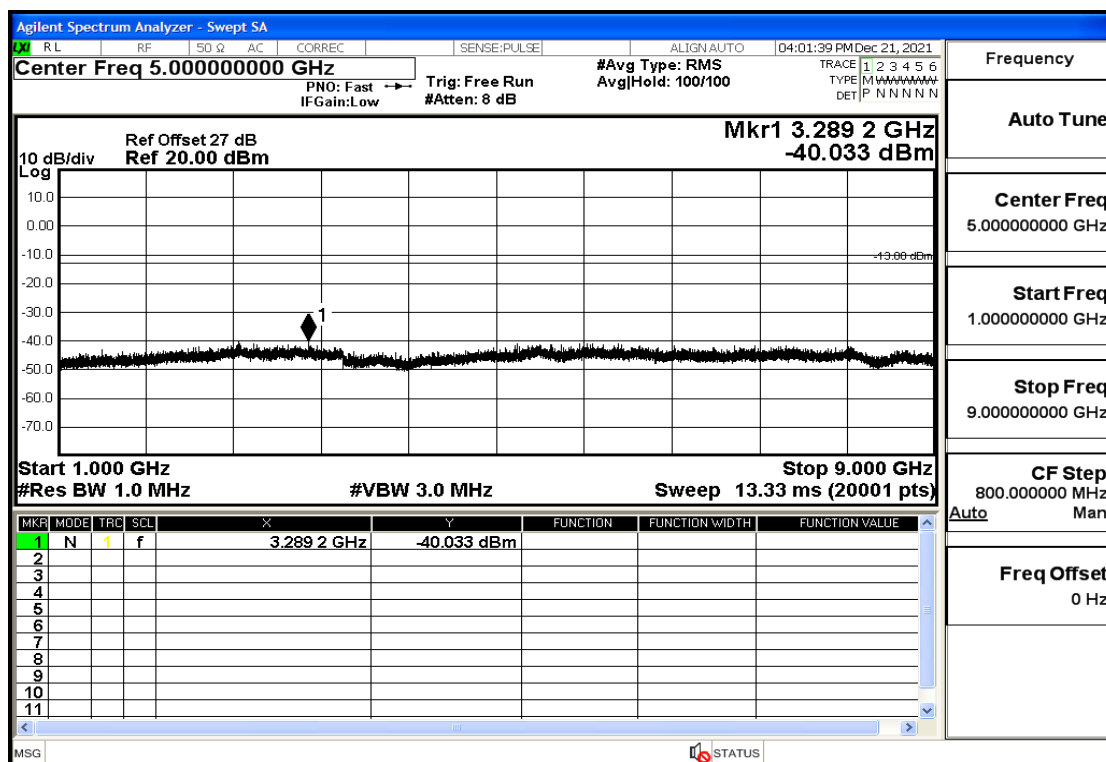
OB12-3-714.5-Q16-15#LOW@1GHz-9GHz@Pass



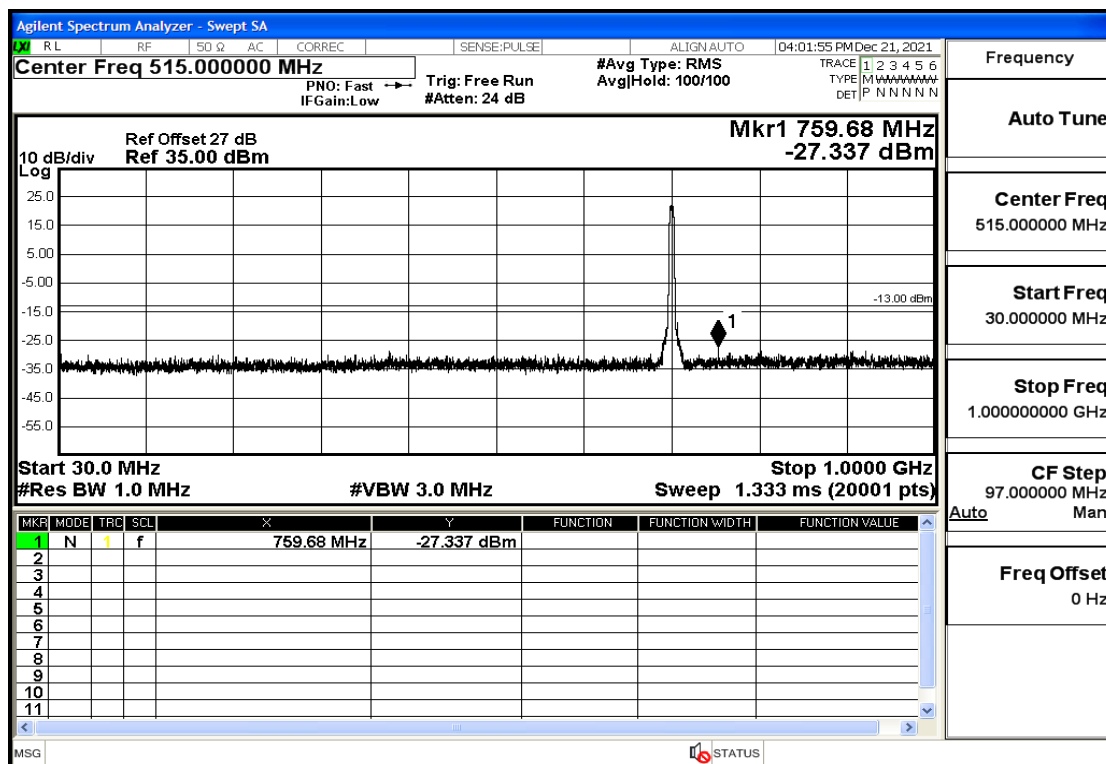
OB12-5-701.5-Q16-25#LOW@30mHz-1GHz@Pass



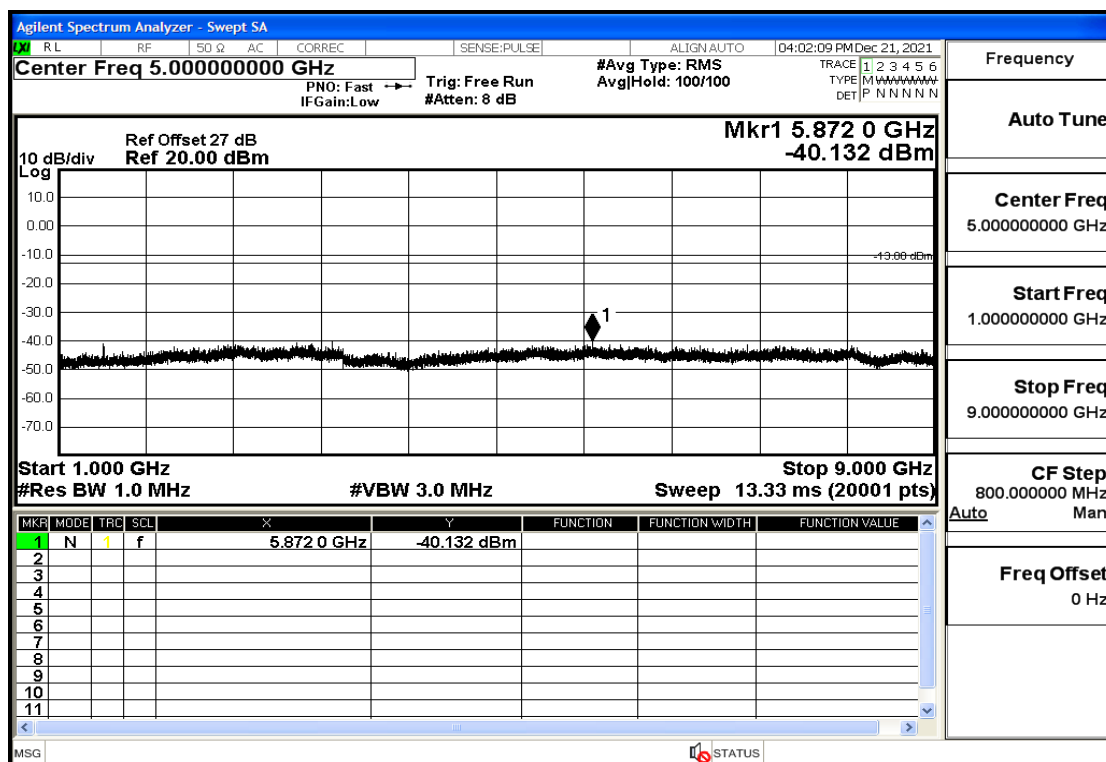
OB12-5-701.5-Q16-25#LOW@1GHz-9GHz@Pass



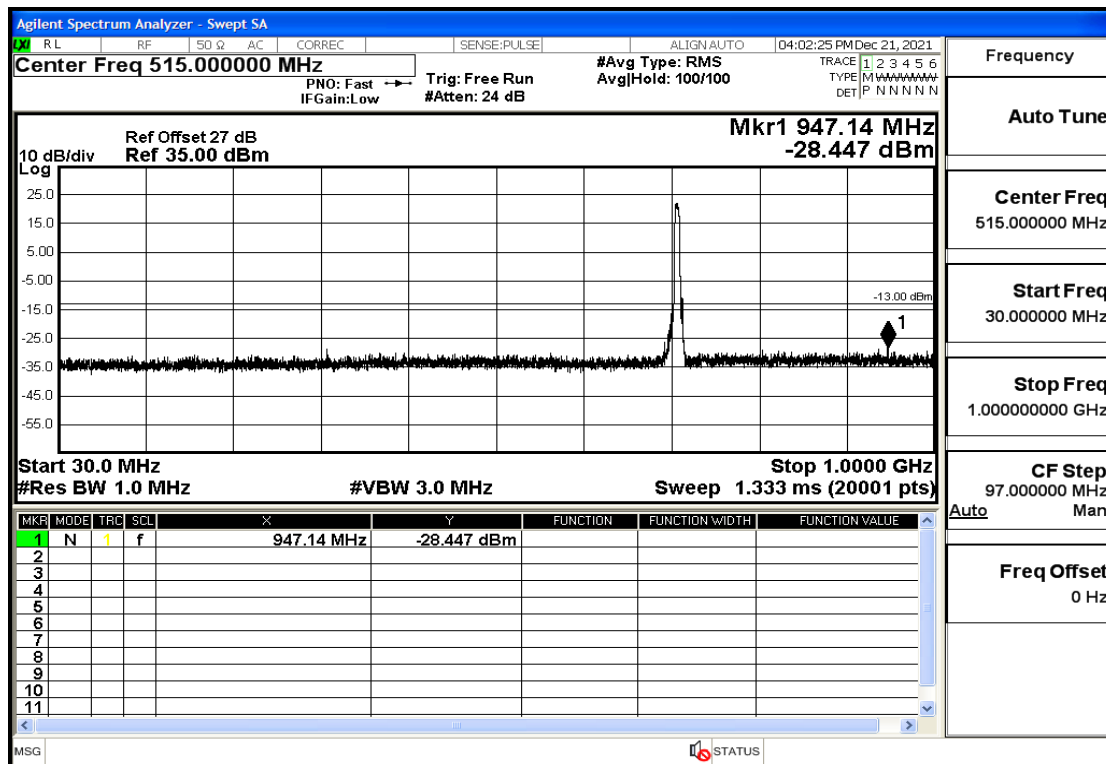
OB12-5-707.5-Q16-25#LOW@30mHz-1GHz@Pass



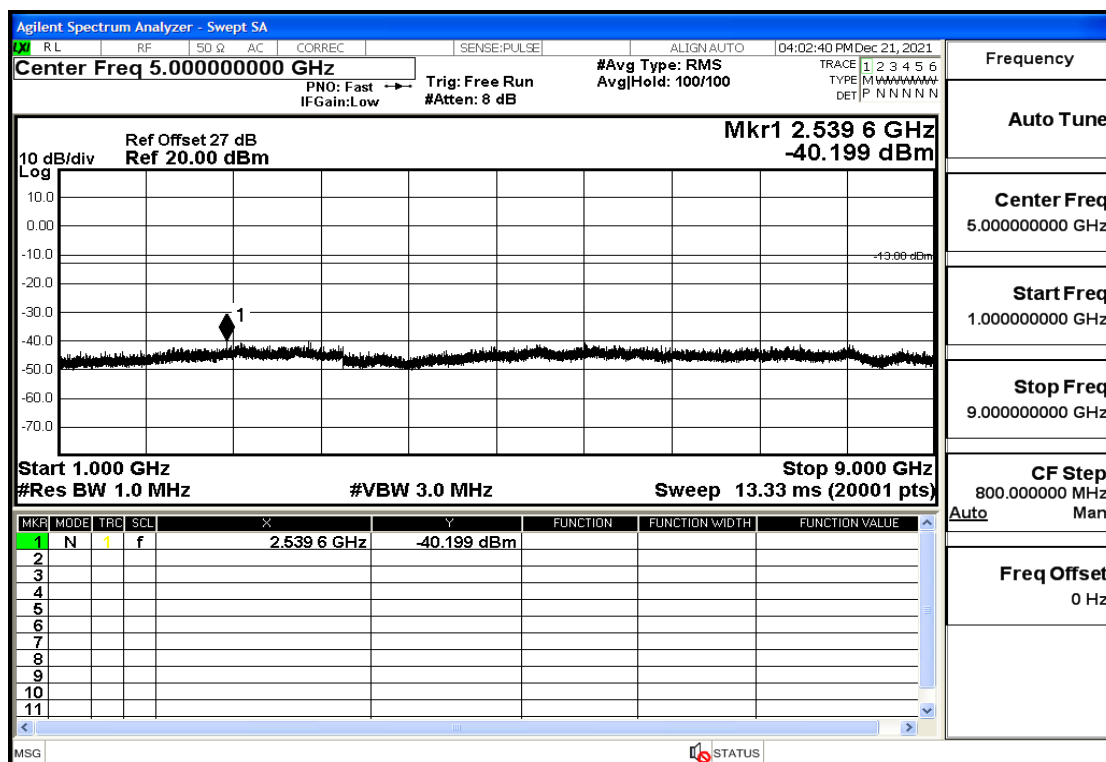
OB12-5-707.5-Q16-25#LOW@1GHz-9GHz@Pass



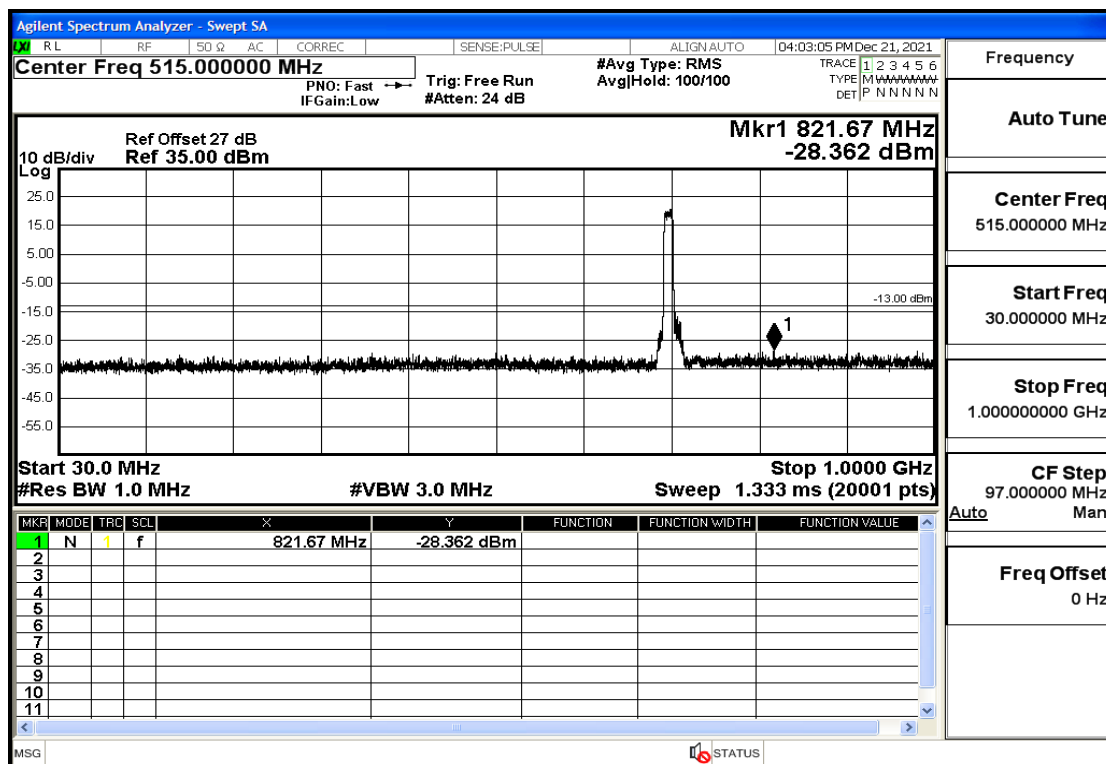
OB12-5-713.5-Q16-25#LOW@30mHz-1GHz@Pass



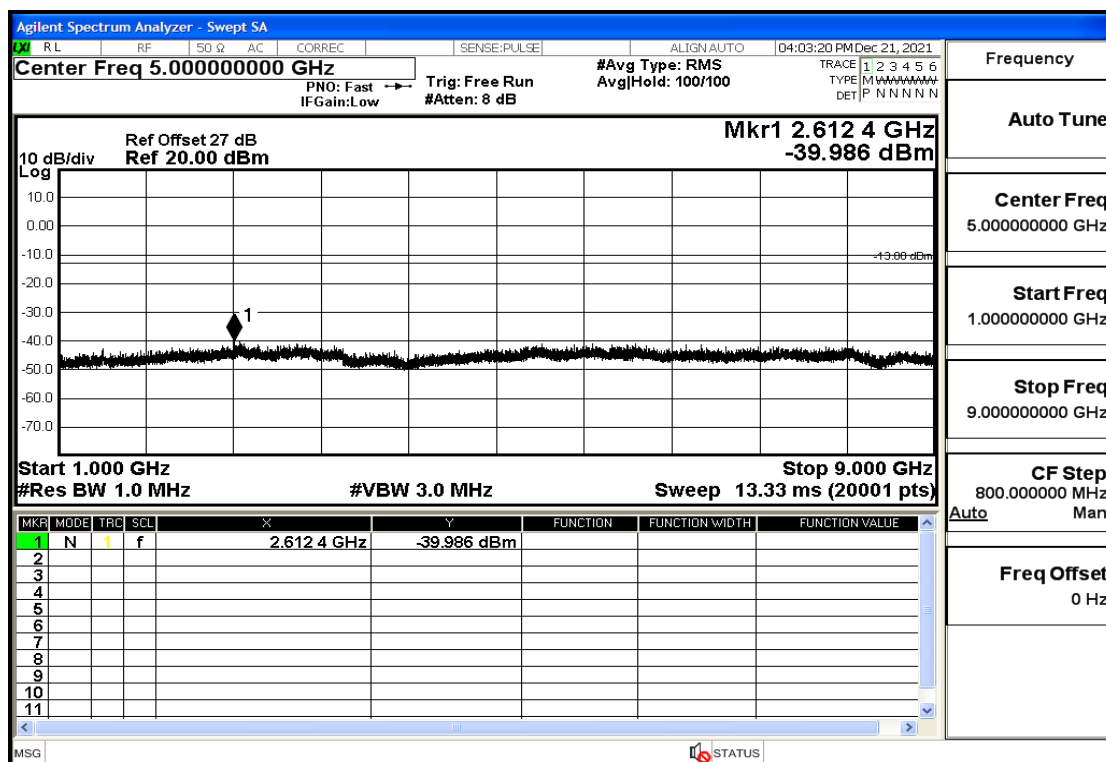
OB12-5-713.5-Q16-25#LOW@1GHz-9GHz@Pass



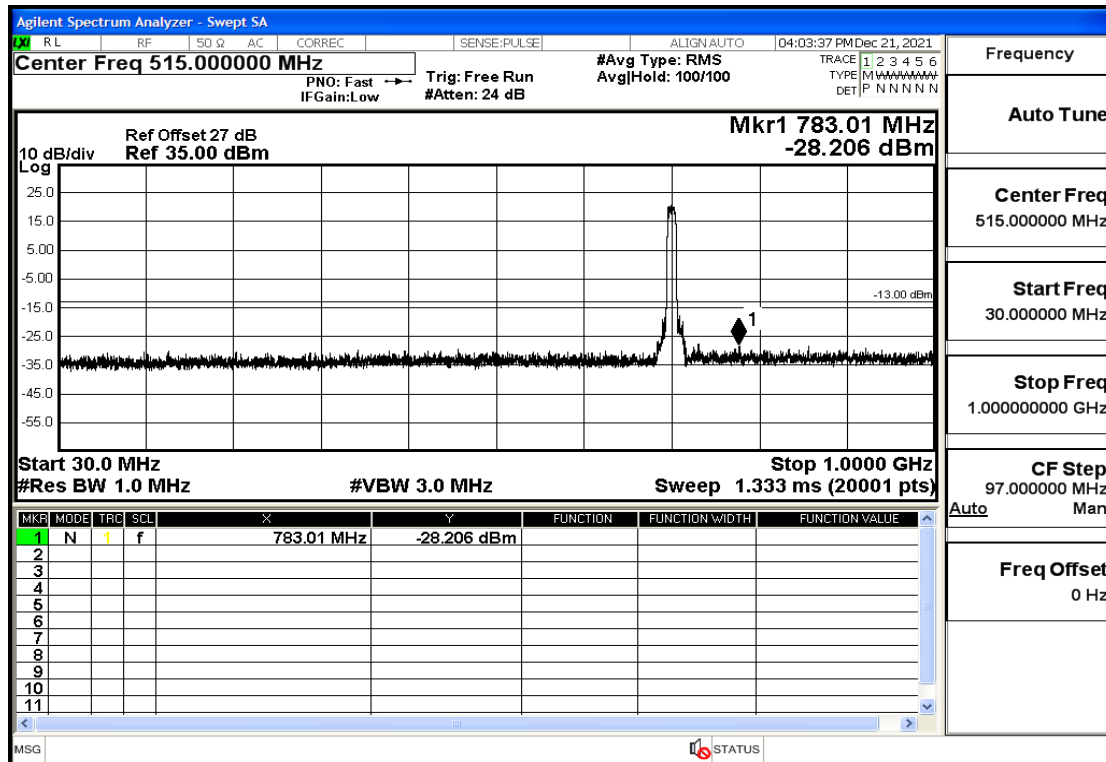
OB12-10-704-Q16-50#LOW@30mHz-1GHz@Pass



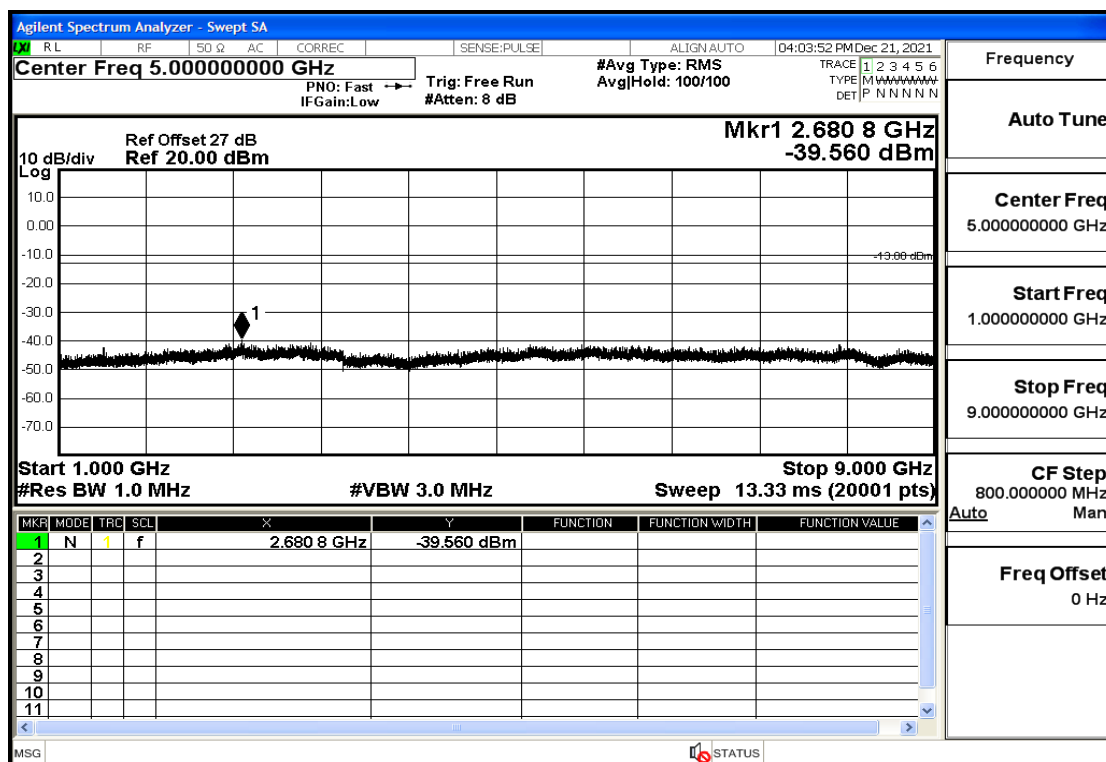
OB12-10-704-Q16-50#LOW@1GHz-9GHz@Pass



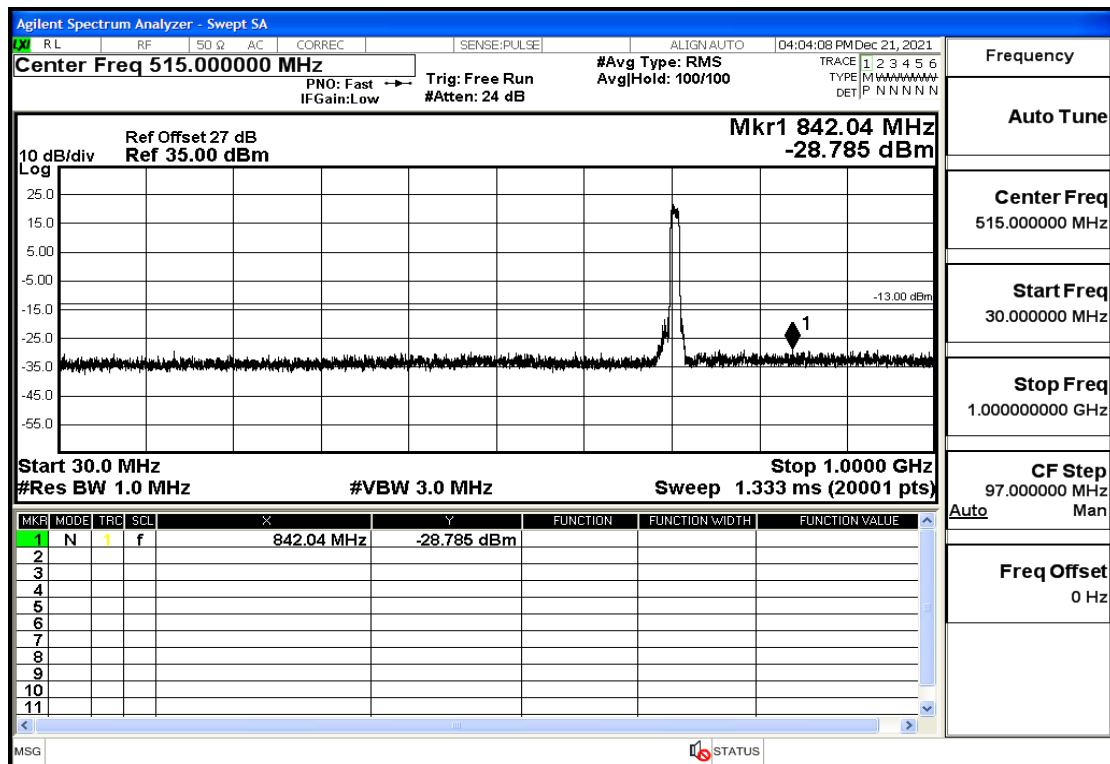
OB12-10-707.5-Q16-50#LOW@30mHz-1GHz@Pass



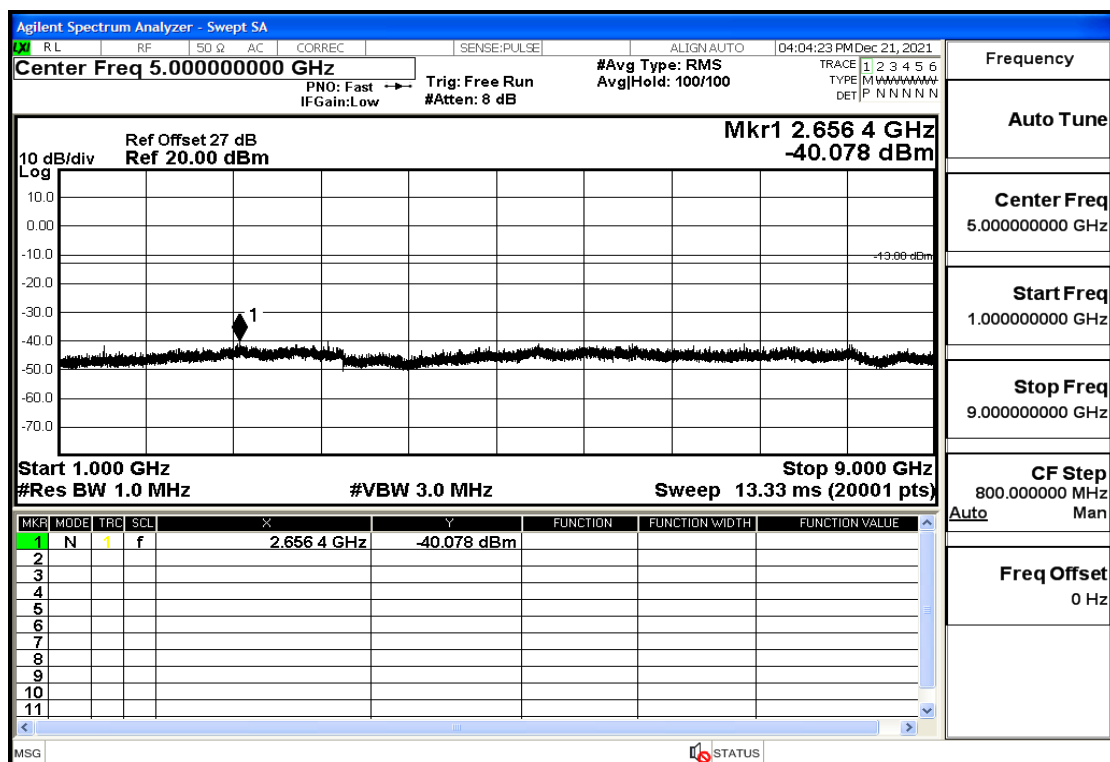
OB12-10-707.5-Q16-50#LOW@1GHz-9GHz@Pass



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



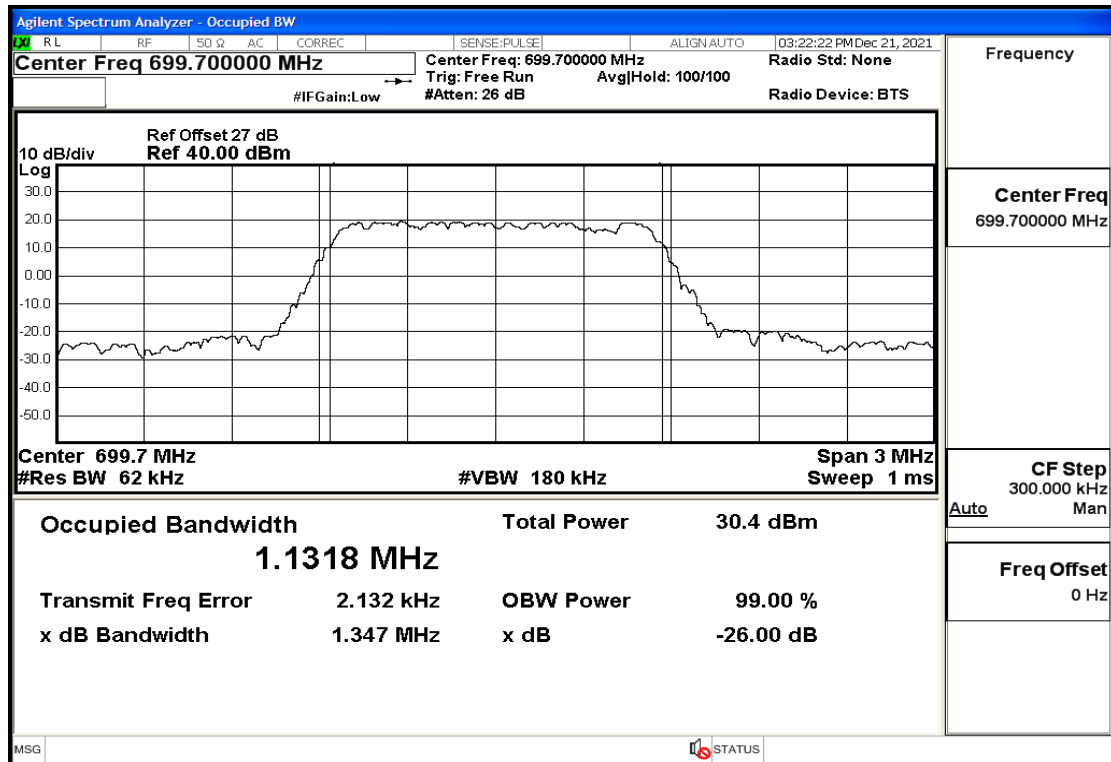
OB12-10-711-Q16-50#LOW@1GHz-9GHz@Pass



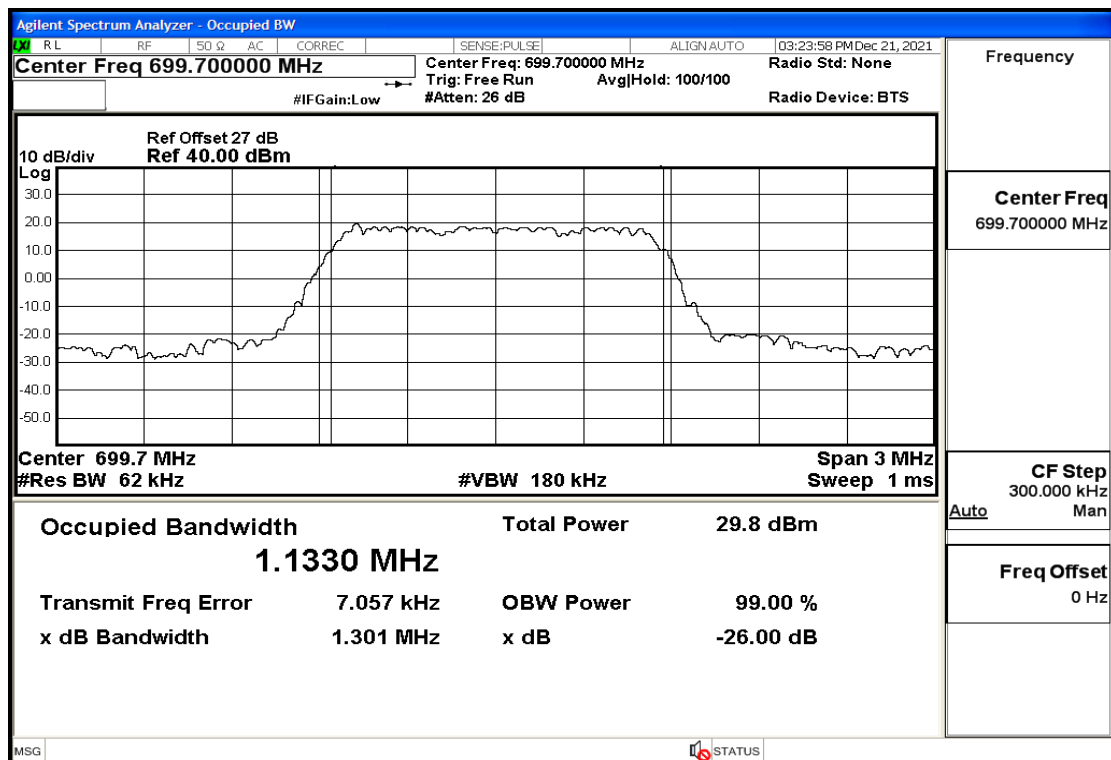
Emission bandwidth and OBW

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	1131.8	1347	No limit
Band12	1.4	699.7	16QAM	6	LOW	1133	1301	No limit
Band12	1.4	707.5	QPSK	6	LOW	1111.1	1341	No limit
Band12	1.4	707.5	16QAM	6	LOW	1121.4	1345	No limit
Band12	1.4	715.3	QPSK	6	LOW	1123.1	1337	No limit
Band12	1.4	715.3	16QAM	6	LOW	1118.9	1324	No limit
Band12	3	700.5	QPSK	15	LOW	2741.9	3054	No limit
Band12	3	700.5	16QAM	15	LOW	2745.9	3032	No limit
Band12	3	707.5	QPSK	15	LOW	2744	3073	No limit
Band12	3	707.5	16QAM	15	LOW	2749.2	3031	No limit
Band12	3	714.5	QPSK	15	LOW	2759.1	3055	No limit
Band12	3	714.5	16QAM	15	LOW	2752.1	3083	No limit
Band12	5	701.5	QPSK	25	LOW	4595.5	5115	No limit
Band12	5	701.5	16QAM	25	LOW	4555.4	5029	No limit
Band12	5	707.5	QPSK	25	LOW	4577.6	5106	No limit
Band12	5	707.5	16QAM	25	LOW	4567.4	5131	No limit
Band12	5	713.5	QPSK	25	LOW	4568.4	5132	No limit
Band12	5	713.5	16QAM	25	LOW	4578.5	5073	No limit
Band12	10	704	QPSK	50	LOW	9149.8	10070	No limit
Band12	10	704	16QAM	50	LOW	9092.9	10070	No limit
Band12	10	707.5	QPSK	50	LOW	9045.4	9874	No limit
Band12	10	707.5	16QAM	50	LOW	9067.8	10000	No limit
Band12	10	711	QPSK	50	LOW	9085.3	10000	No limit
Band12	10	711	16QAM	50	LOW	9078.1	9998	No limit

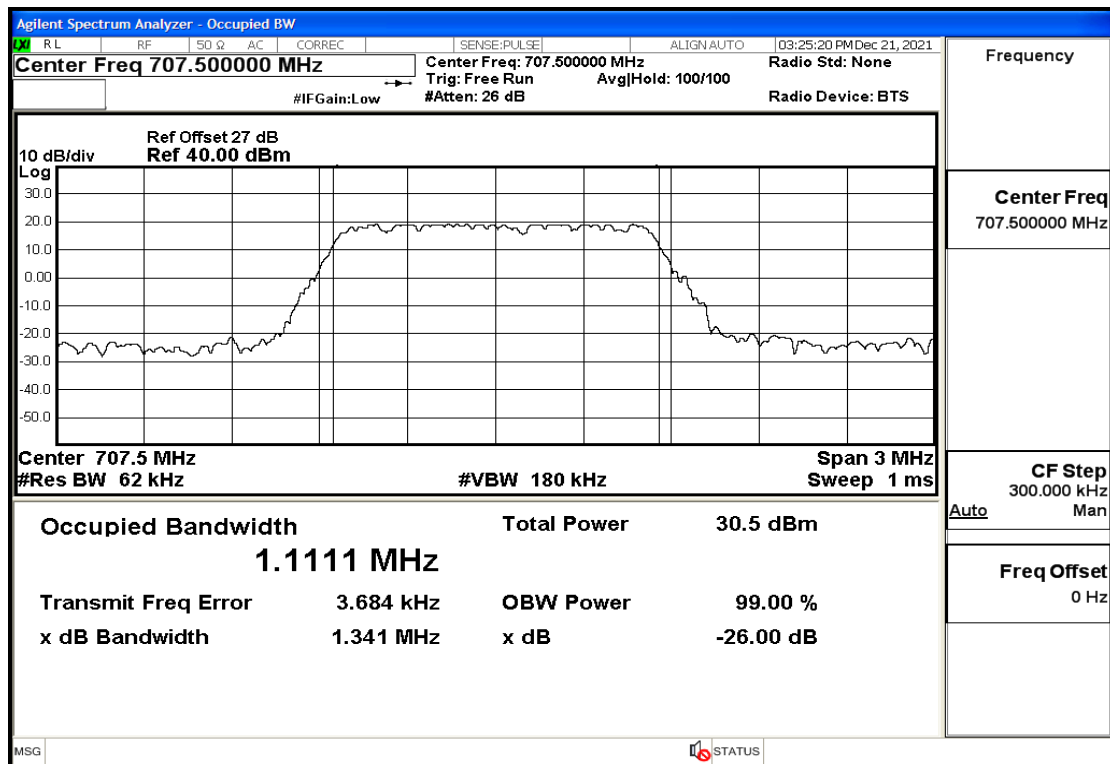
Band12-1.4-699.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



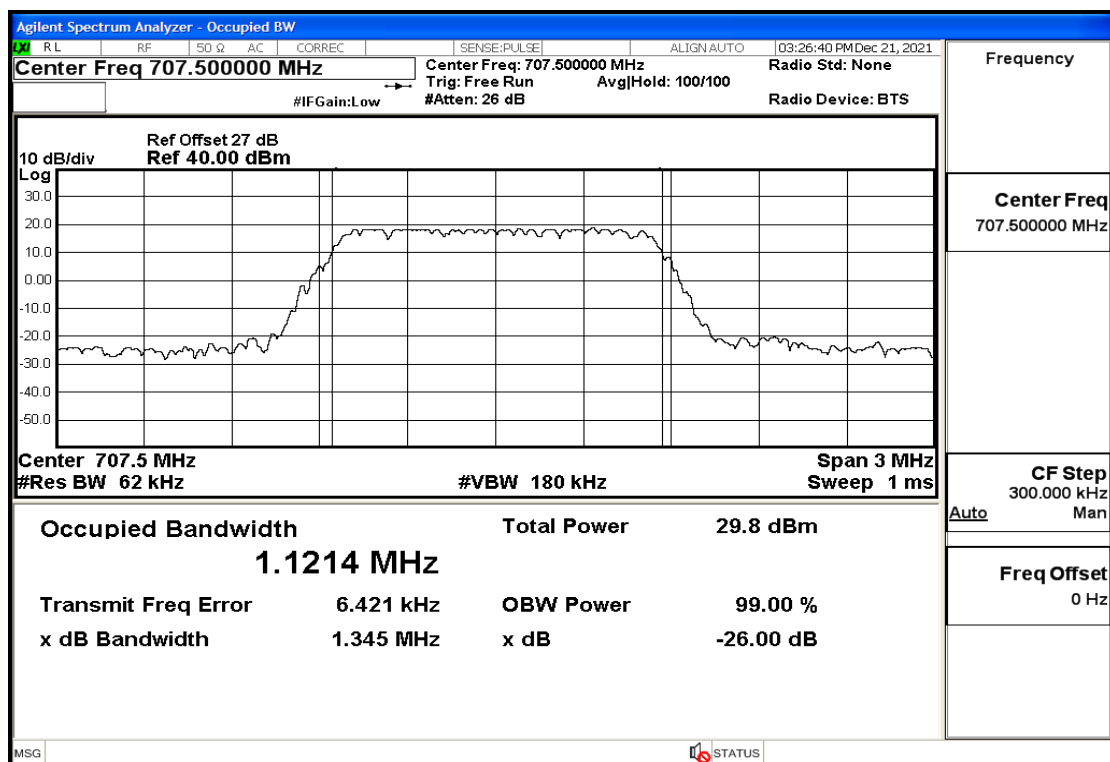
Band12-1.4-699.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



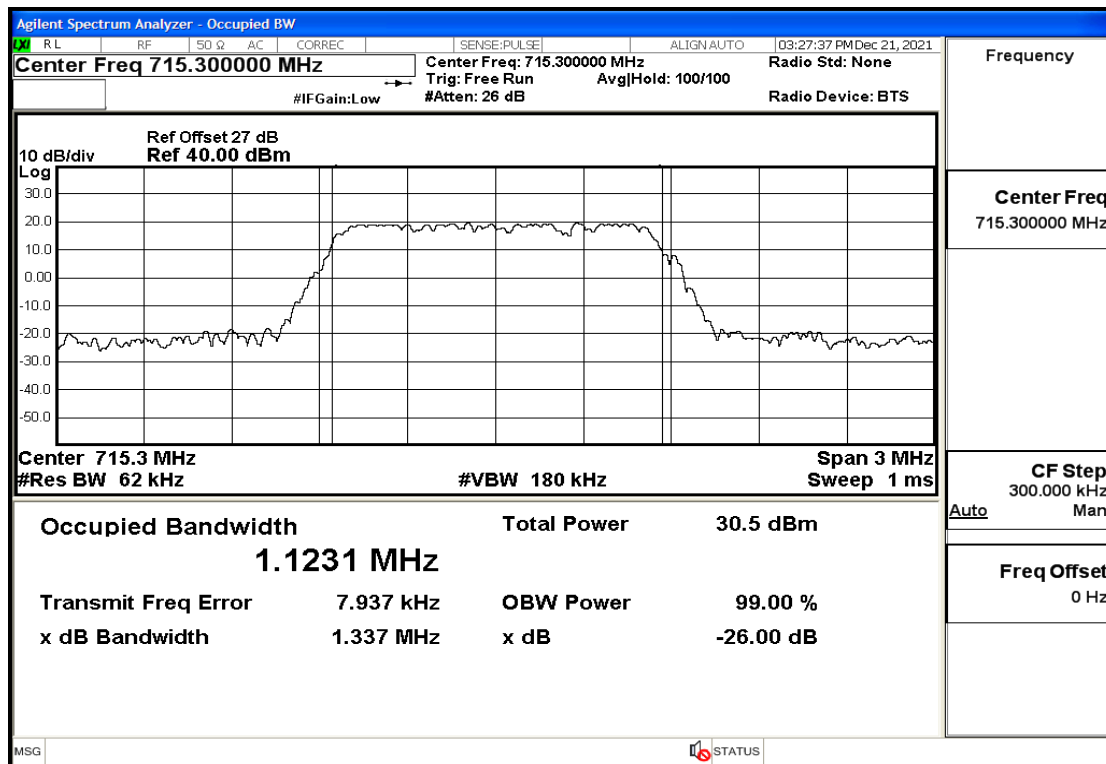
Band12-1.4-707.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



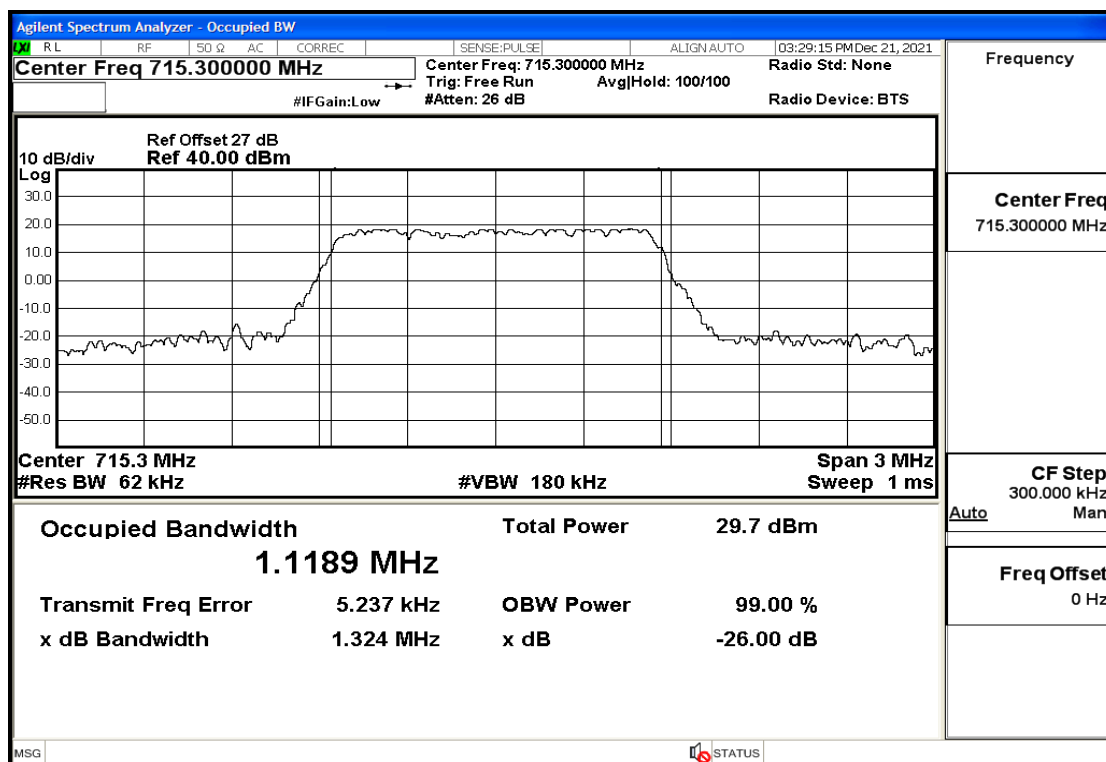
Band12-1.4-707.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



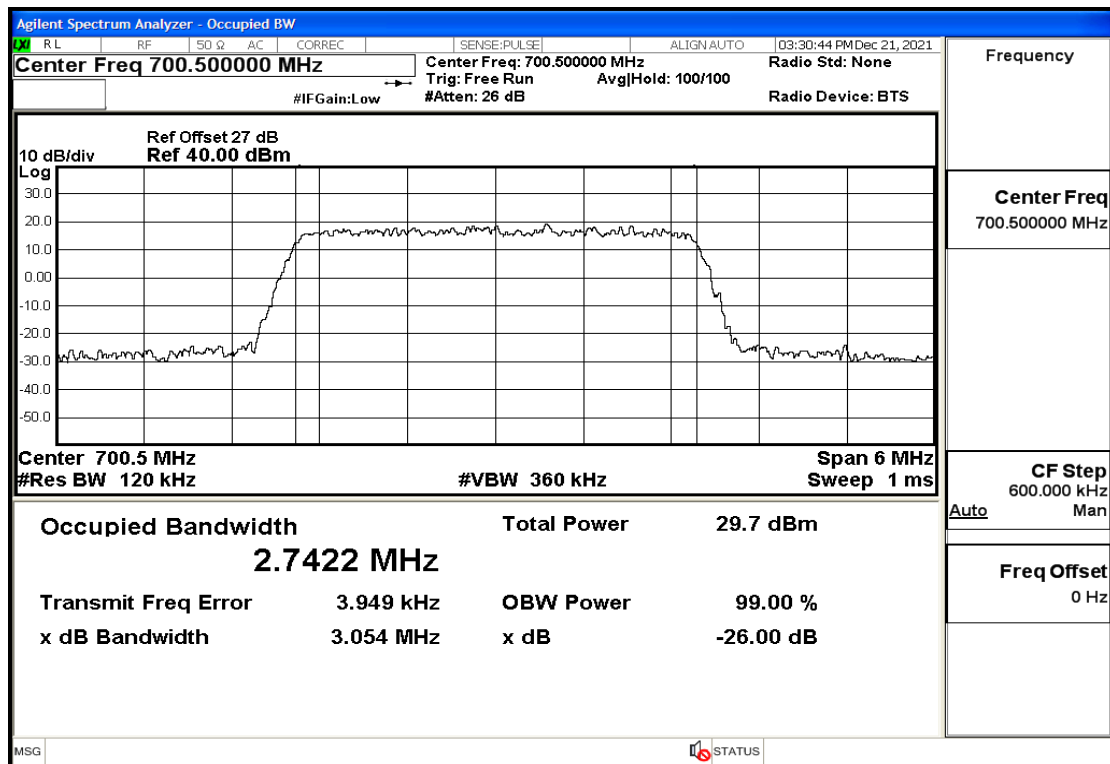
Band12-1.4-715.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



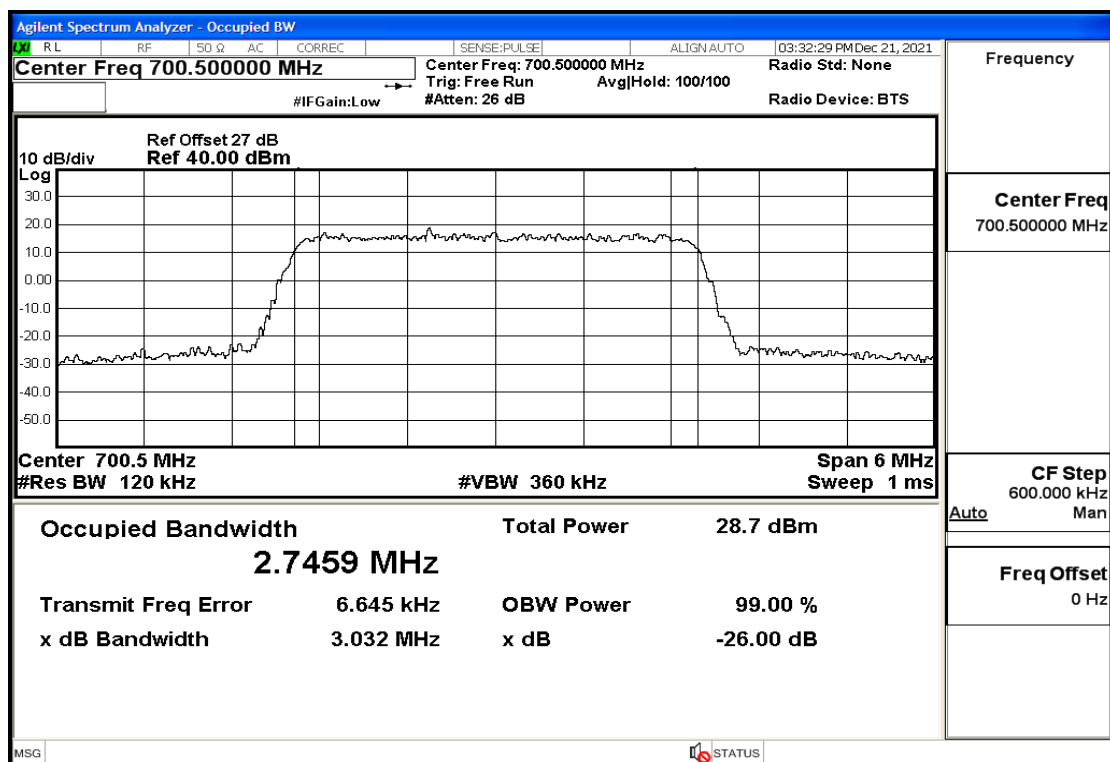
Band12-1.4-715.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



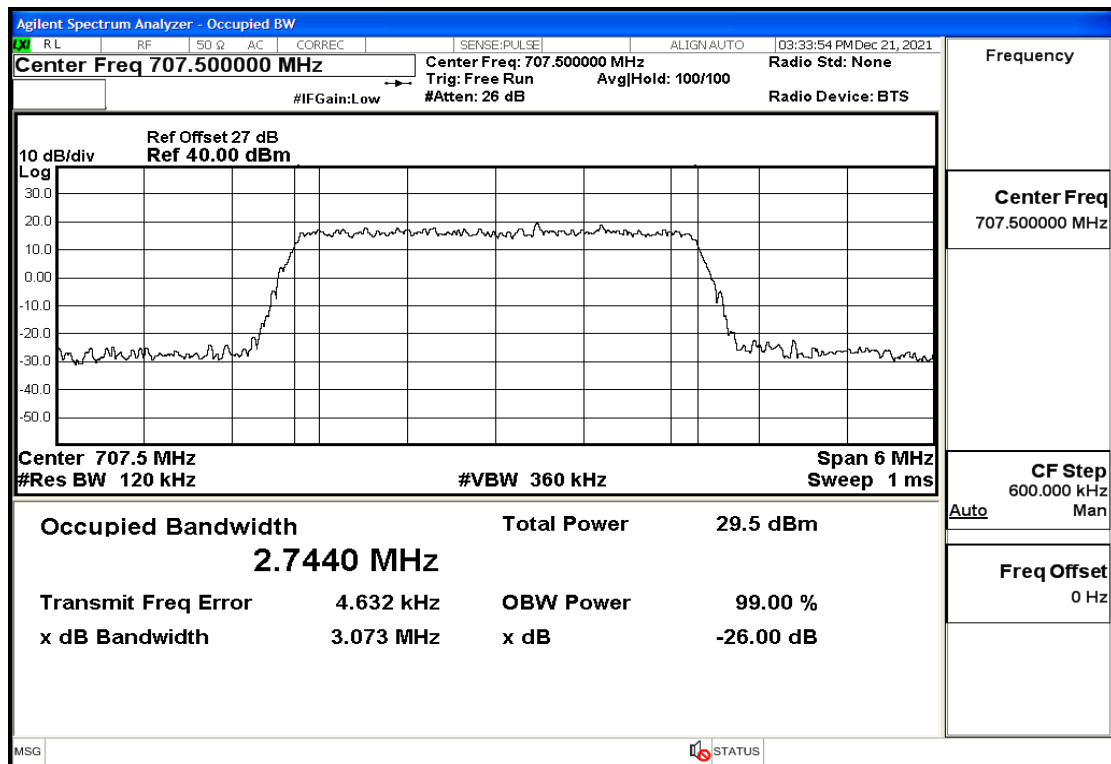
Band12-3-700.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



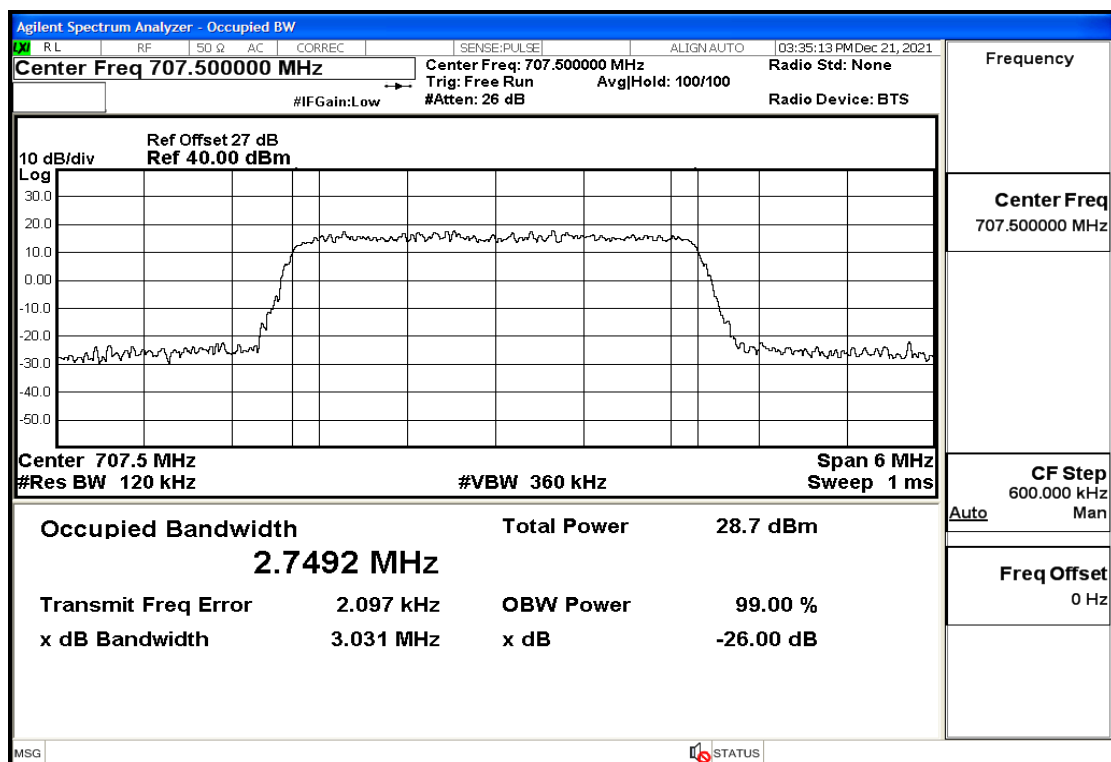
Band12-3-700.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



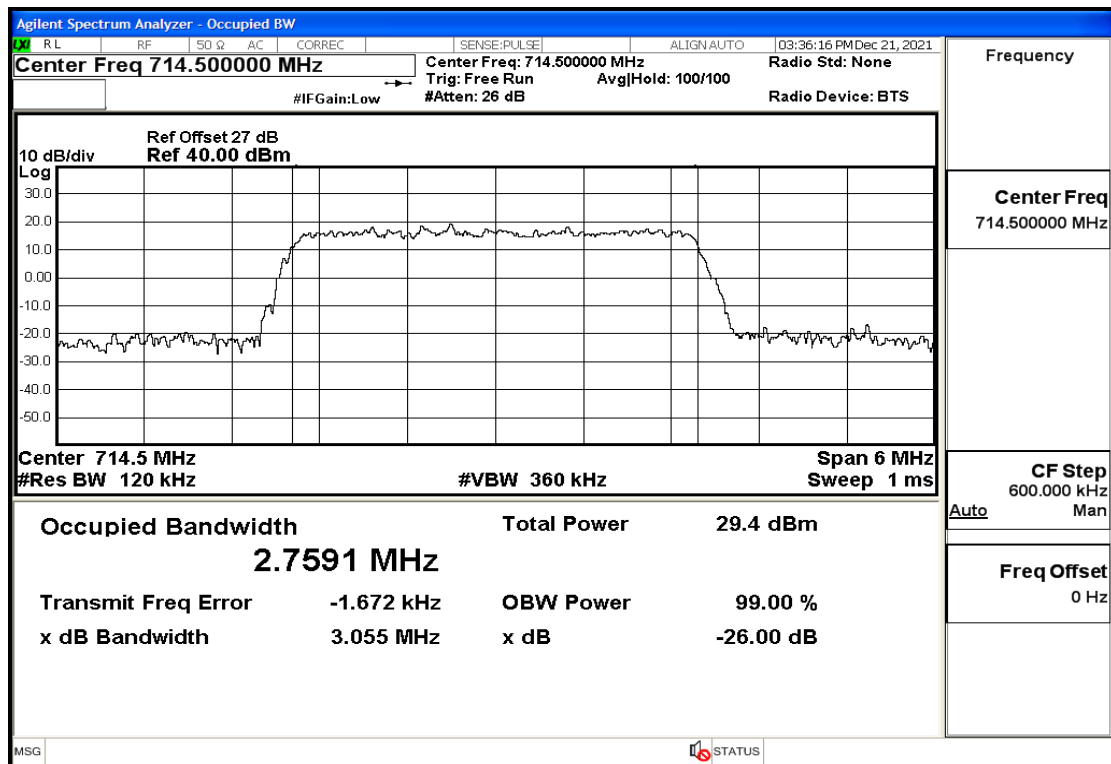
Band12-3-707.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



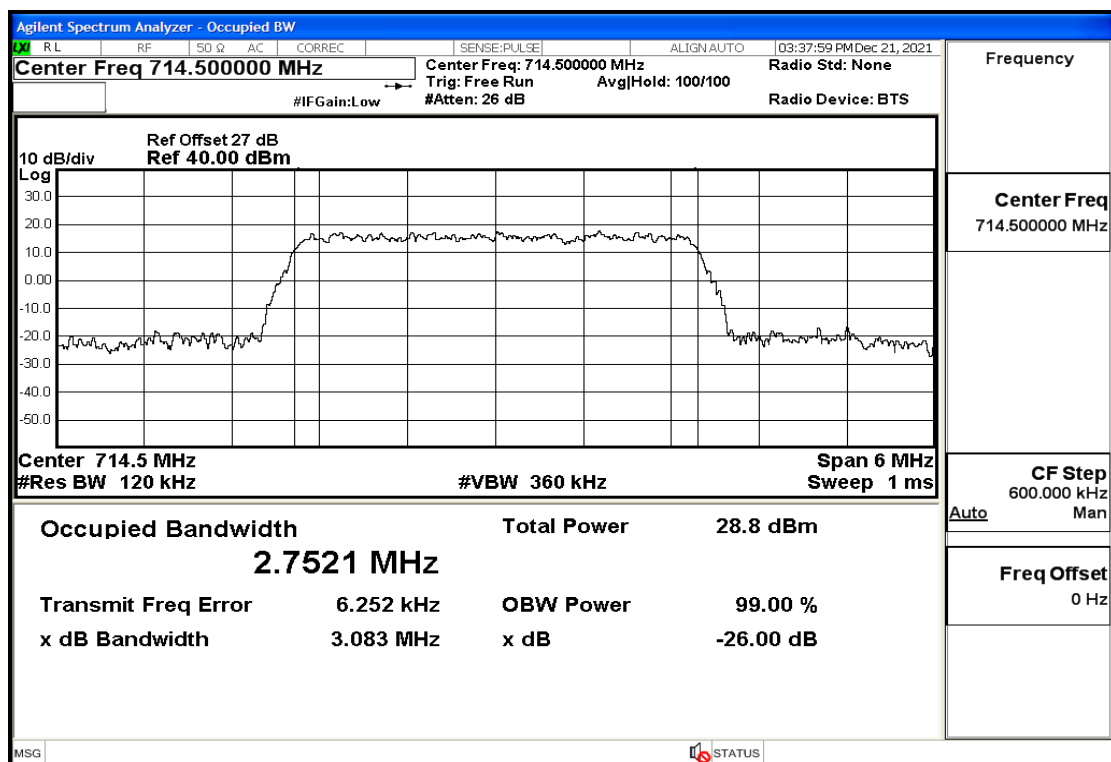
Band12-3-707.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



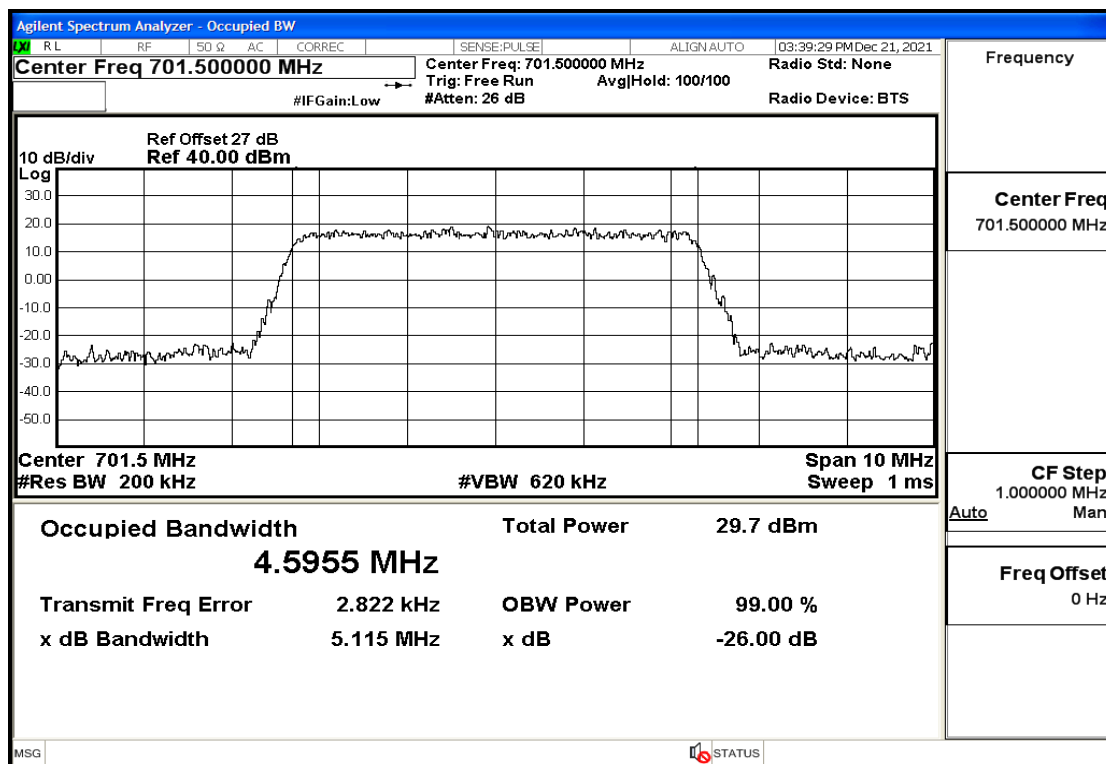
Band12-3-714.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



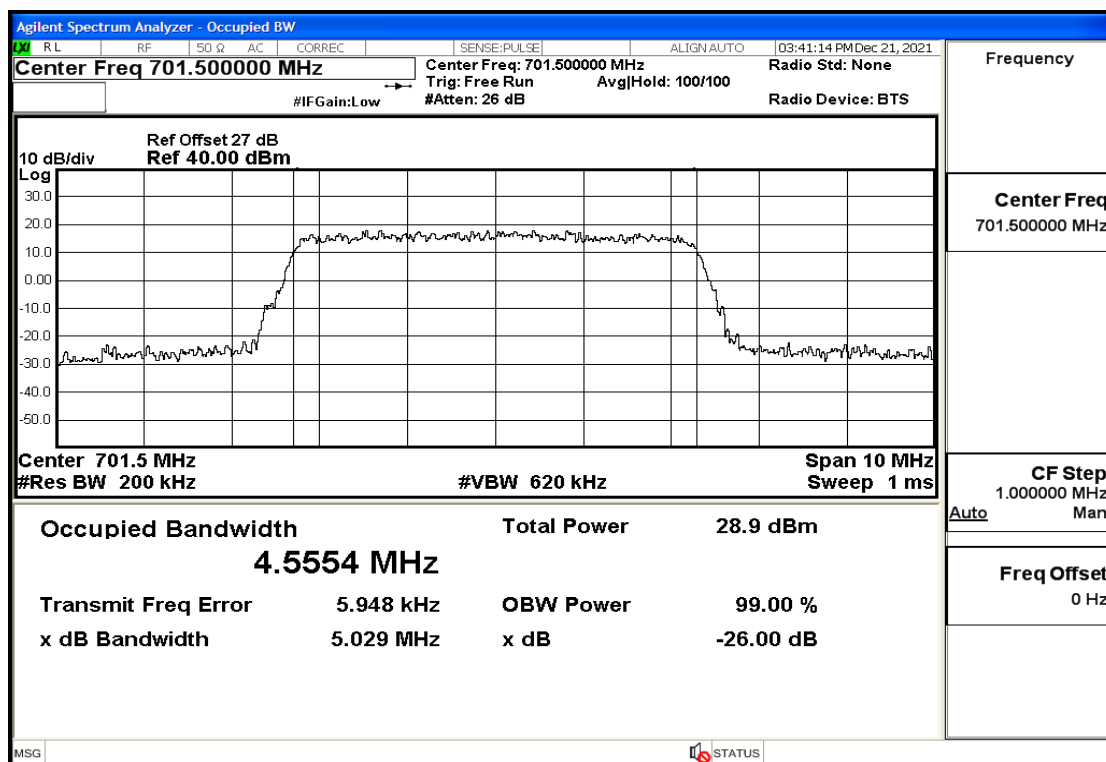
Band12-3-714.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



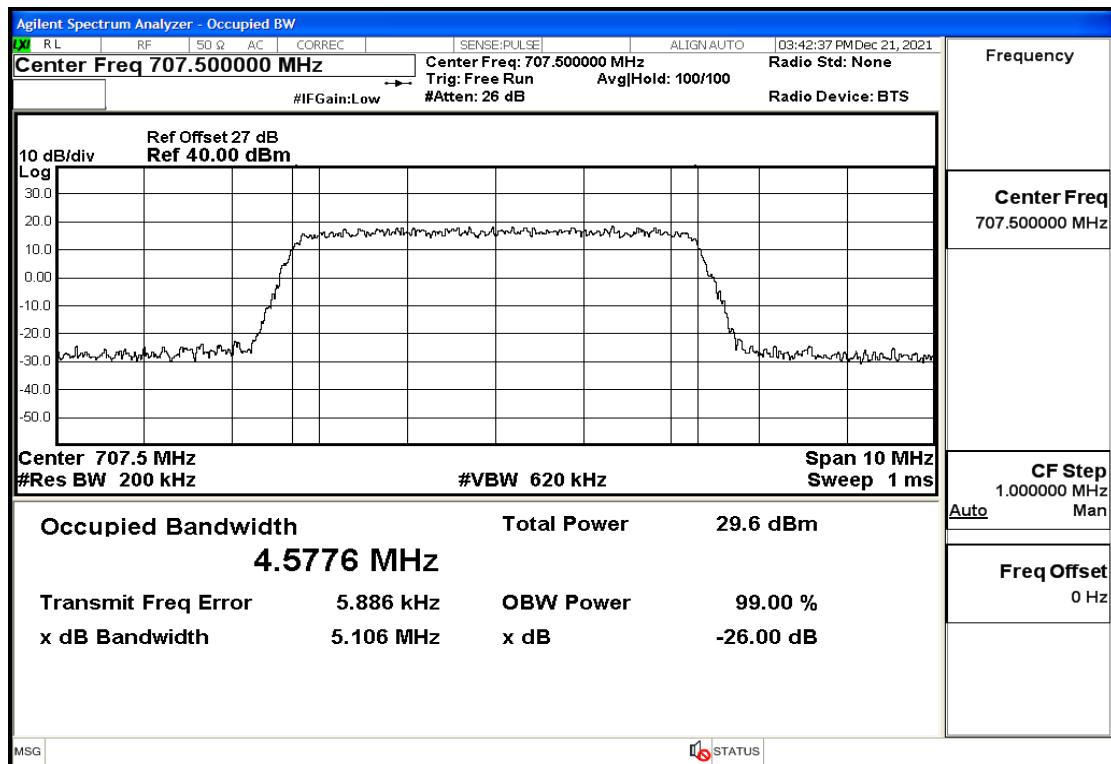
Band12-5-701.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



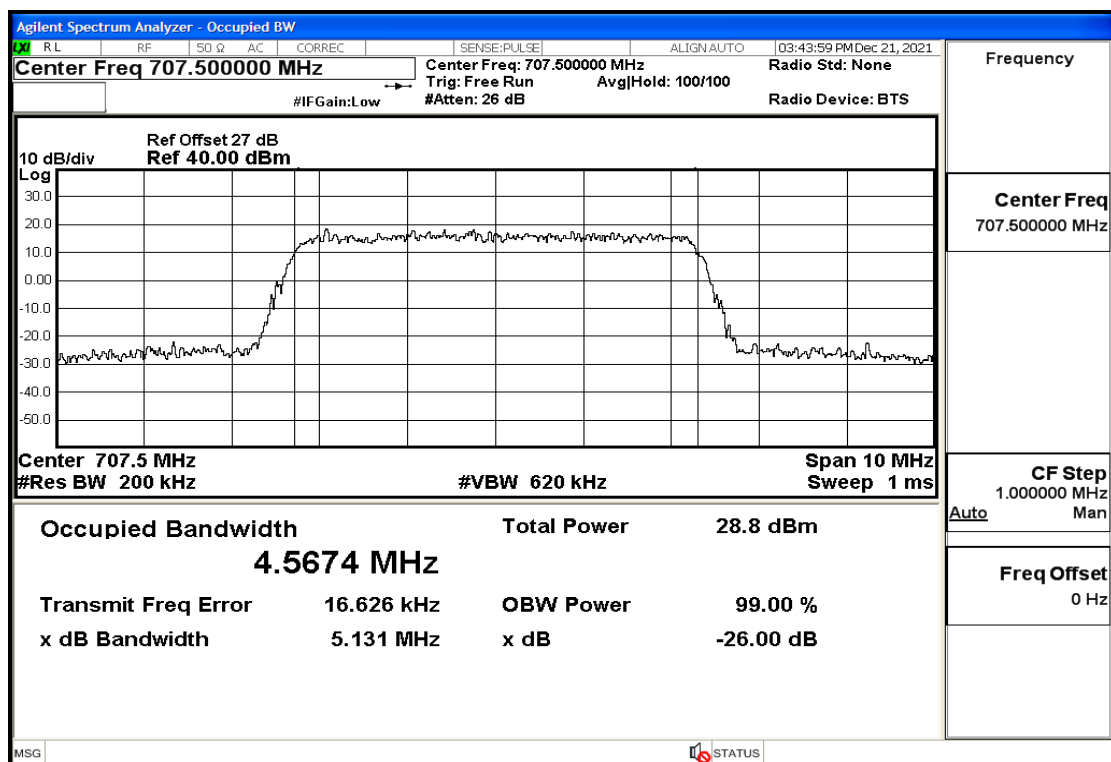
Band12-5-701.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



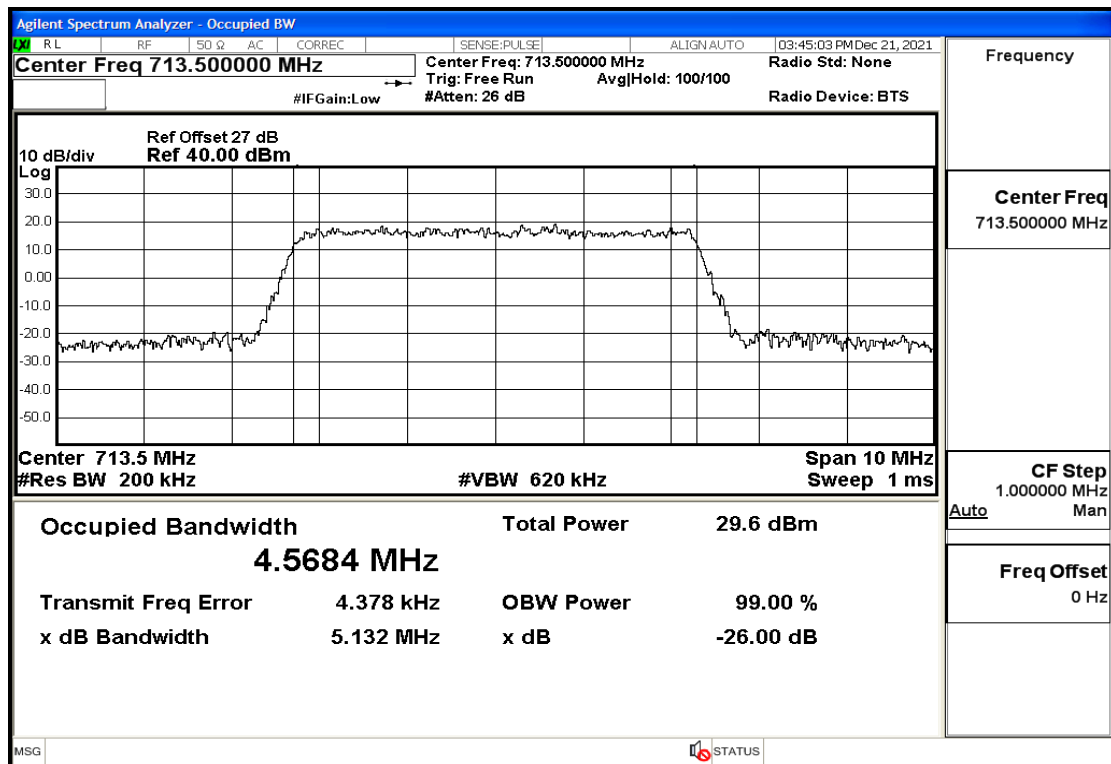
Band12-5-707.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



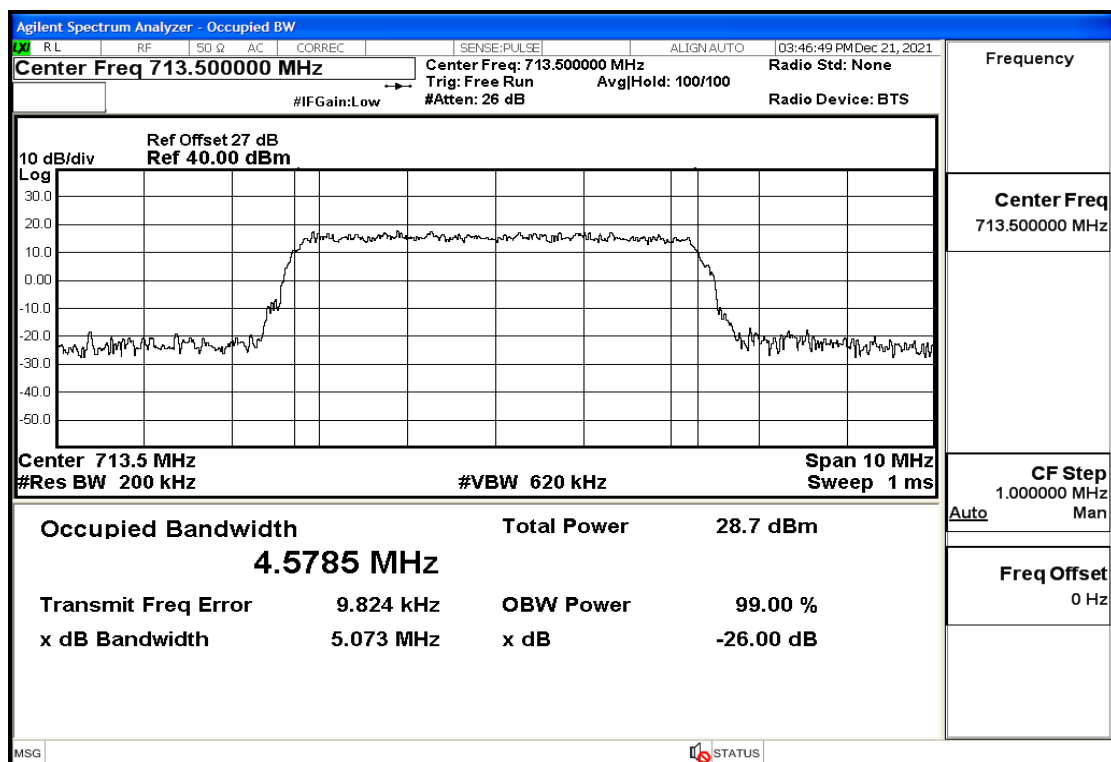
Band12-5-707.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



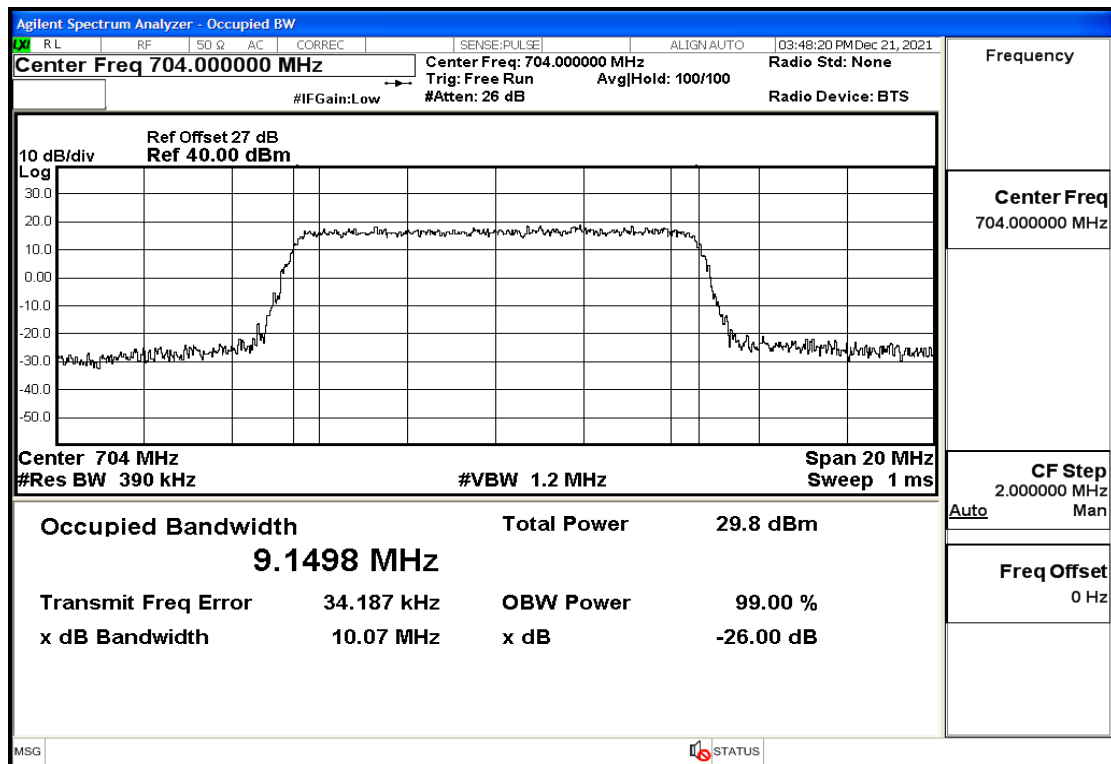
Band12-5-713.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



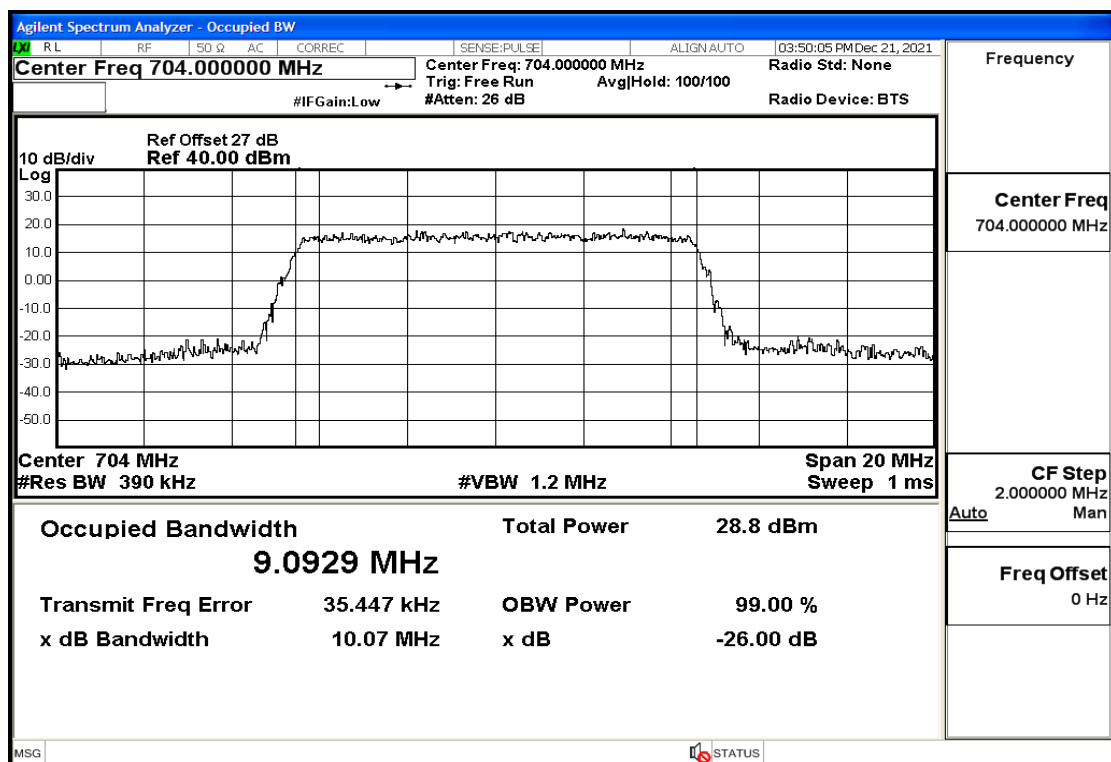
Band12-5-713.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



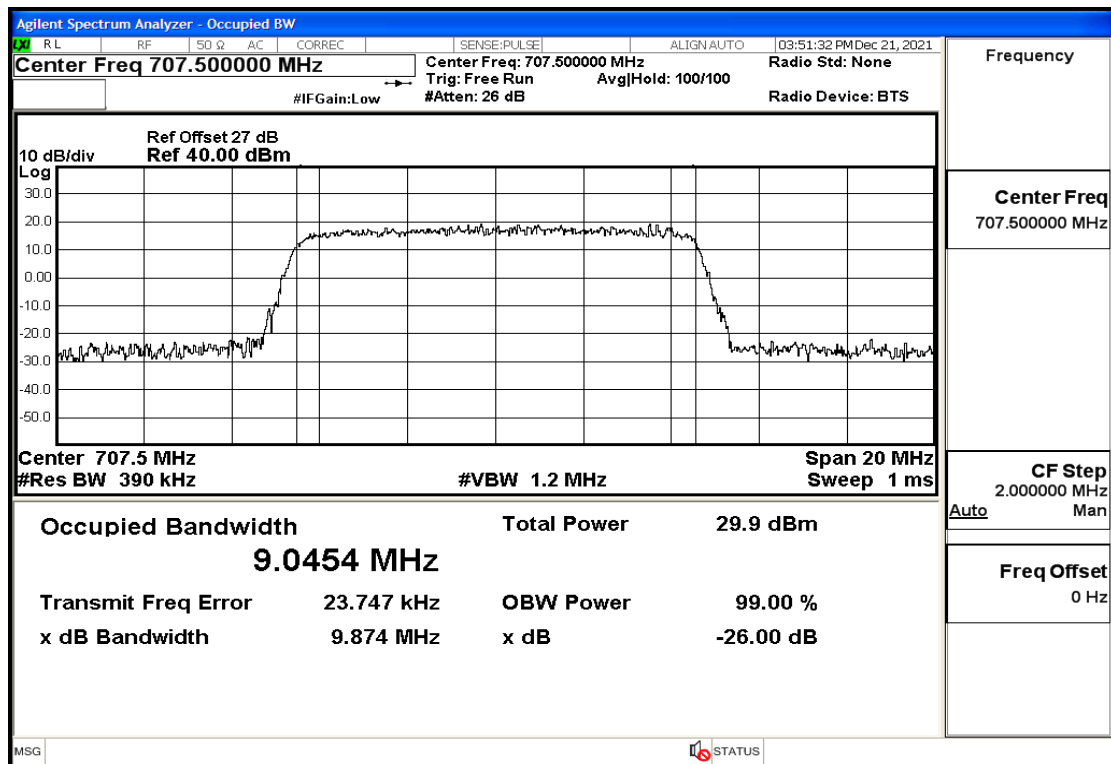
Band12-10-704-QPSK-50#LOW@26dB and 99PCT Bandwidth



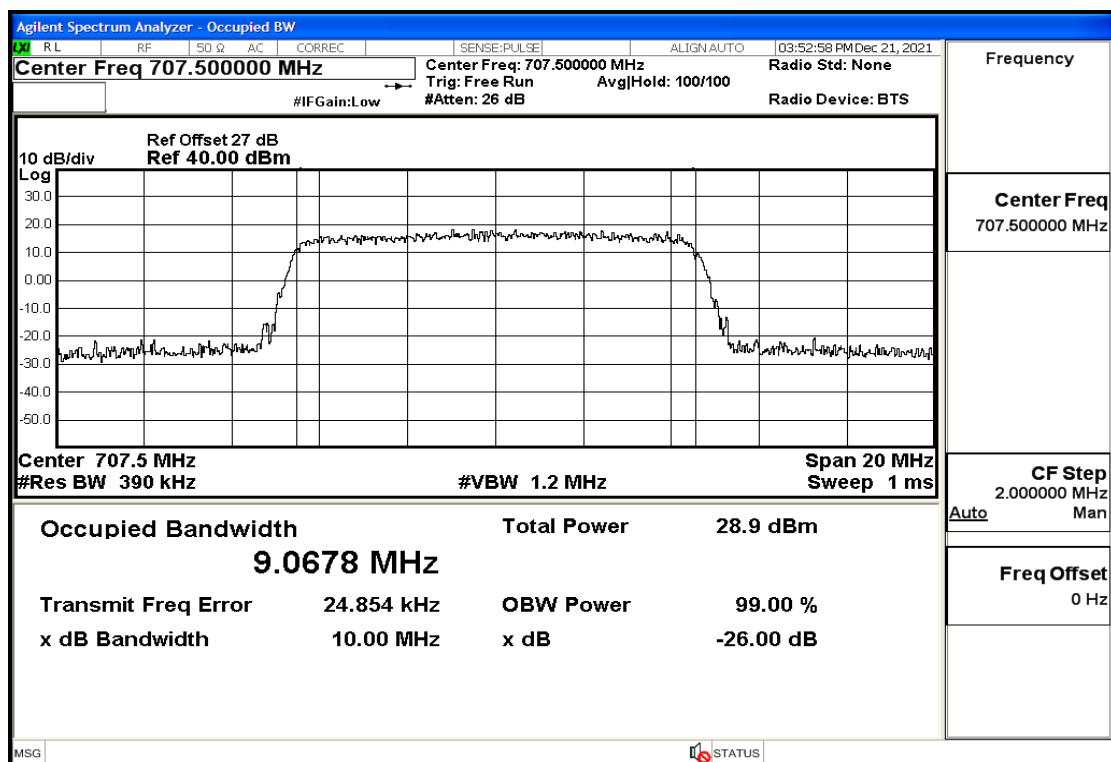
Band12-10-704-16QAM-50#LOW@26dB and 99PCT Bandwidth



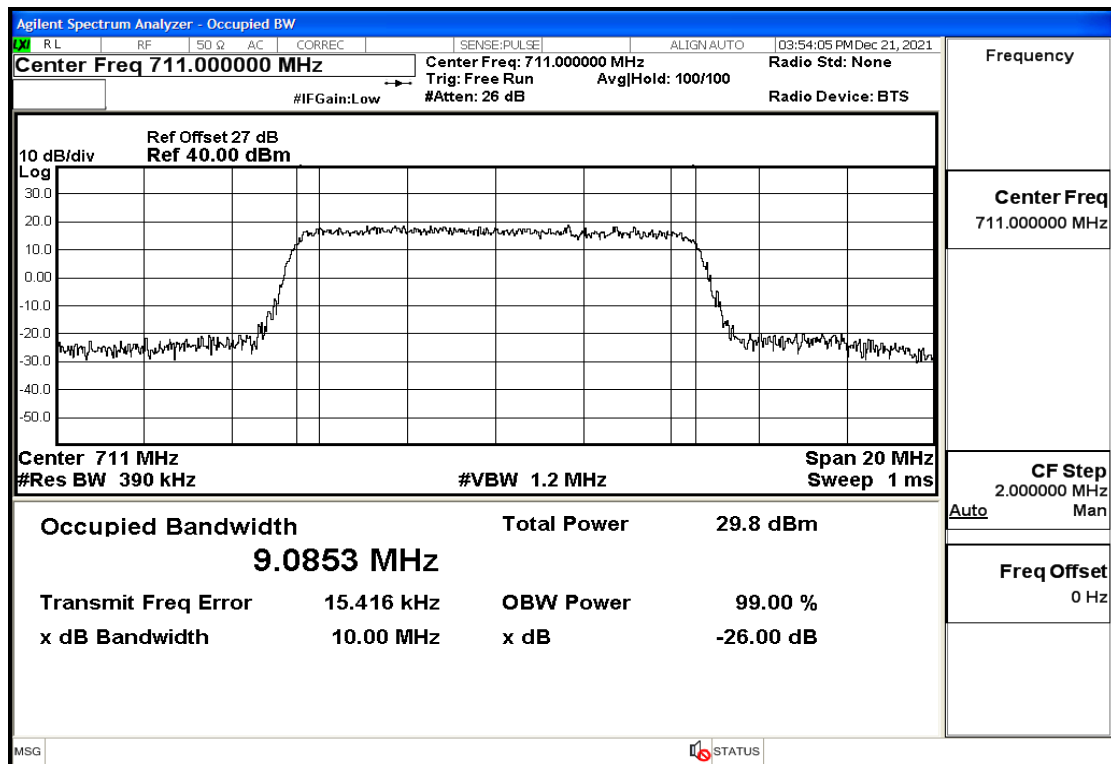
Band12-10-707.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



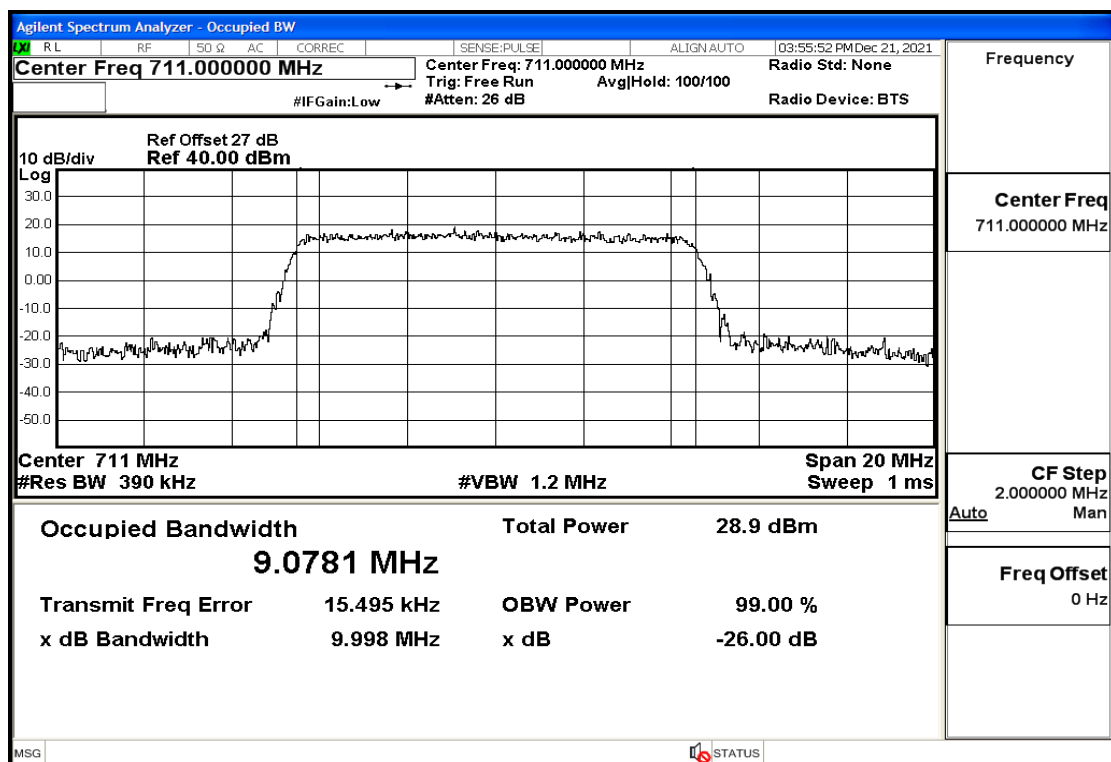
Band12-10-707.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



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	0.0608	PASS
40	Normal Voltage	0.0355	
30	Normal Voltage	0.0166	
20(Ref.)	Normal Voltage	0.0245	
10	Normal Voltage	0.0657	
0	Normal Voltage	0.0179	
-10	Normal Voltage	0.0483	
-20	Normal Voltage	0.0353	
-30	Normal Voltage	0.0178	
20	Maximum Voltage	0.0183	
20	Normal Voltage	0.0253	
20	Battery End Point	0.0680	

Peak and Average Power

Band	Bandwidth h(MHz)	UL Frequency y(MHz)	Modulation	RB Size	RB Offset	Average Power	Peak Power	Peak to Average (dB)	limit(dB)	AntGain(dBi)	ERP/EIR P(dBm)	Limit(dB m)	Conclusion
Band17	5	706.5	QPSK	25	LOW	21.28	29.62	8.34	13	0.3	19.43	34.8	Pass
Band17	5	706.5	QPSK	12	LOW	22.1	28.69	6.59	13	0.3	20.25	34.8	Pass
Band17	5	706.5	QPSK	12	MID	22.17	28.78	6.61	13	0.3	20.32	34.8	Pass
Band17	5	706.5	QPSK	12	HIGH	22.05	28.63	6.58	13	0.3	20.2	34.8	Pass
Band17	5	706.5	QPSK	1	LOW	23.14	30.16	7.02	13	0.3	21.29	34.8	Pass
Band17	5	706.5	QPSK	1	MID	23.2	29.85	6.65	13	0.3	21.35	34.8	Pass
Band17	5	706.5	QPSK	1	HIGH	22.89	29.56	6.67	13	0.3	21.04	34.8	Pass
Band17	5	706.5	16QAM	25	LOW	21.28	29.59	8.31	13	0.3	19.43	34.8	Pass
Band17	5	706.5	16QAM	12	LOW	21.16	28.8	7.64	13	0.3	19.31	34.8	Pass
Band17	5	706.5	16QAM	12	MID	21.16	28.7	7.54	13	0.3	19.31	34.8	Pass
Band17	5	706.5	16QAM	12	HIGH	21.13	28.64	7.51	13	0.3	19.28	34.8	Pass
Band17	5	706.5	16QAM	1	LOW	21.88	29.77	7.89	13	0.3	20.03	34.8	Pass
Band17	5	706.5	16QAM	1	MID	21.99	29.44	7.45	13	0.3	20.14	34.8	Pass
Band17	5	706.5	16QAM	1	HIGH	21.85	29.3	7.45	13	0.3	20	34.8	Pass
Band17	5	710	QPSK	25	LOW	22.04	28.81	6.77	13	0.3	20.19	34.8	Pass
Band17	5	710	QPSK	12	LOW	22.09	28.8	6.71	13	0.3	20.24	34.8	Pass
Band17	5	710	QPSK	12	MID	22.09	28.79	6.7	13	0.3	20.24	34.8	Pass
Band17	5	710	QPSK	12	HIGH	22.1	28.95	6.85	13	0.3	20.25	34.8	Pass
Band17	5	710	QPSK	1	LOW	22.88	30.43	7.55	13	0.3	21.03	34.8	Pass
Band17	5	710	QPSK	1	MID	23.01	30.13	7.12	13	0.3	21.16	34.8	Pass
Band17	5	710	QPSK	1	HIGH	22.98	30.61	7.63	13	0.3	21.13	34.8	Pass
Band17	5	710	16QAM	25	LOW	21.4	29.04	7.64	13	0.3	19.55	34.8	Pass
Band17	5	710	16QAM	12	LOW	21.14	29.25	8.11	13	0.3	19.29	34.8	Pass
Band17	5	710	16QAM	12	MID	21.1	29.19	8.09	13	0.3	19.25	34.8	Pass
Band17	5	710	16QAM	12	HIGH	21.12	29.47	8.35	13	0.3	19.27	34.8	Pass
Band17	5	710	16QAM	1	LOW	21.41	27.44	6.03	13	0.3	19.56	34.8	Pass
Band17	5	710	16QAM	1	MID	21.62	27.54	5.92	13	0.3	19.77	34.8	Pass
Band17	5	710	16QAM	1	HIGH	21.7	28.03	6.33	13	0.3	19.85	34.8	Pass
Band17	5	713.5	QPSK	25	LOW	22.12	29.54	7.42	13	0.3	20.27	34.8	Pass
Band17	5	713.5	QPSK	12	LOW	22.16	29.57	7.41	13	0.3	20.31	34.8	Pass
Band17	5	713.5	QPSK	12	MID	22.16	29.66	7.5	13	0.3	20.31	34.8	Pass
Band17	5	713.5	QPSK	12	HIGH	22.21	30.09	7.88	13	0.3	20.36	34.8	Pass
Band17	5	713.5	QPSK	1	LOW	22.69	29.12	6.43	13	0.3	20.84	34.8	Pass
Band17	5	713.5	QPSK	1	MID	22.91	29.62	6.71	13	0.3	21.06	34.8	Pass
Band17	5	713.5	QPSK	1	HIGH	22.91	29.52	6.61	13	0.3	21.06	34.8	Pass
Band17	5	713.5	16QAM	25	LOW	21.16	30.03	8.87	13	0.3	19.31	34.8	Pass
Band17	5	713.5	16QAM	12	LOW	21.1	28.71	7.61	13	0.3	19.25	34.8	Pass
Band17	5	713.5	16QAM	12	MID	21.01	28.58	7.57	13	0.3	19.16	34.8	Pass
Band17	5	713.5	16QAM	12	HIGH	21.09	28.87	7.78	13	0.3	19.24	34.8	Pass
Band17	5	713.5	16QAM	1	LOW	22.55	29.44	6.89	13	0.3	20.7	34.8	Pass

Band17	5	713.5	16QAM	1	MID	23.06	30.18	7.12	13	0.3	21.21	34.8	Pass
Band17	5	713.5	16QAM	1	HIGH	22.9	29.99	7.09	13	0.3	21.05	34.8	Pass
Band17	10	709	QPSK	50	LOW	22.2	28.9	6.7	13	0.3	20.35	34.8	Pass
Band17	10	709	QPSK	25	LOW	22.19	29.53	7.34	13	0.3	20.34	34.8	Pass
Band17	10	709	QPSK	25	MID	22.2	29.56	7.36	13	0.3	20.35	34.8	Pass
Band17	10	709	QPSK	25	HIGH	22.18	29.6	7.42	13	0.3	20.33	34.8	Pass
Band17	10	709	QPSK	1	LOW	23.1	29.37	6.27	13	0.3	21.25	34.8	Pass
Band17	10	709	QPSK	1	MID	23.19	28.92	5.73	13	0.3	21.34	34.8	Pass
Band17	10	709	QPSK	1	HIGH	22.98	29.41	6.43	13	0.3	21.13	34.8	Pass
Band17	10	709	16QAM	50	LOW	21.21	29.44	8.23	13	0.3	19.36	34.8	Pass
Band17	10	709	16QAM	25	LOW	21.28	29.58	8.3	13	0.3	19.43	34.8	Pass
Band17	10	709	16QAM	25	MID	21.3	29.6	8.3	13	0.3	19.45	34.8	Pass
Band17	10	709	16QAM	25	HIGH	21.19	29.5	8.31	13	0.3	19.34	34.8	Pass
Band17	10	709	16QAM	1	LOW	22.69	30.53	7.84	13	0.3	20.84	34.8	Pass
Band17	10	709	16QAM	1	MID	22.73	30.13	7.4	13	0.3	20.88	34.8	Pass
Band17	10	709	16QAM	1	HIGH	22.11	30.09	7.98	13	0.3	20.26	34.8	Pass
Band17	10	710	QPSK	50	LOW	22.07	28.79	6.72	13	0.3	20.22	34.8	Pass
Band17	10	710	QPSK	25	LOW	22.12	29.12	7	13	0.3	20.27	34.8	Pass
Band17	10	710	QPSK	25	MID	22.13	29.03	6.9	13	0.3	20.28	34.8	Pass
Band17	10	710	QPSK	25	HIGH	22.17	29.39	7.22	13	0.3	20.32	34.8	Pass
Band17	10	710	QPSK	1	LOW	23.02	29.75	6.73	13	0.3	21.17	34.8	Pass
Band17	10	710	QPSK	1	MID	23.21	29.57	6.36	13	0.3	21.36	34.8	Pass
Band17	10	710	QPSK	1	HIGH	23.14	30.18	7.04	13	0.3	21.29	34.8	Pass
Band17	10	710	16QAM	50	LOW	21.16	28.6	7.44	13	0.3	19.31	34.8	Pass
Band17	10	710	16QAM	25	LOW	21.14	29.3	8.16	13	0.3	19.29	34.8	Pass
Band17	10	710	16QAM	25	MID	21.08	29.22	8.14	13	0.3	19.23	34.8	Pass
Band17	10	710	16QAM	25	HIGH	21.09	29.84	8.75	13	0.3	19.24	34.8	Pass
Band17	10	710	16QAM	1	LOW	22.78	28.27	5.49	13	0.3	20.93	34.8	Pass
Band17	10	710	16QAM	1	MID	22.59	27.75	5.16	13	0.3	20.74	34.8	Pass
Band17	10	710	16QAM	1	HIGH	22.73	28.72	5.99	13	0.3	20.88	34.8	Pass
Band17	10	711	QPSK	50	LOW	22.14	29.1	6.96	13	0.3	20.29	34.8	Pass
Band17	10	711	QPSK	25	LOW	22.18	29.6	7.42	13	0.3	20.33	34.8	Pass
Band17	10	711	QPSK	25	MID	22.11	29.52	7.41	13	0.3	20.26	34.8	Pass
Band17	10	711	QPSK	25	HIGH	22.17	30	7.83	13	0.3	20.32	34.8	Pass
Band17	10	711	QPSK	1	LOW	23.03	29.44	6.41	13	0.3	21.18	34.8	Pass
Band17	10	711	QPSK	1	MID	23.37	29.59	6.22	13	0.3	21.52	34.8	Pass
Band17	10	711	QPSK	1	HIGH	23.13	29.74	6.61	13	0.3	21.28	34.8	Pass
Band17	10	711	16QAM	50	LOW	21.15	29.63	8.48	13	0.3	19.3	34.8	Pass
Band17	10	711	16QAM	25	LOW	20.96	29.02	8.06	13	0.3	19.11	34.8	Pass
Band17	10	711	16QAM	25	MID	20.99	29.09	8.1	13	0.3	19.14	34.8	Pass
Band17	10	711	16QAM	25	HIGH	21.24	29.84	8.6	13	0.3	19.39	34.8	Pass
Band17	10	711	16QAM	1	LOW	22.2	27.76	5.56	13	0.3	20.35	34.8	Pass
Band17	10	711	16QAM	1	MID	22.23	27.67	5.44	13	0.3	20.38	34.8	Pass
Band17	10	711	16QAM	1	HIGH	22.2	28.13	5.93	13	0.3	20.35	34.8	Pass
Band12	1.4	699.7	QPSK	6	LOW	22.16	28.4	6.24	13	0.3	20.31	34.8	Pass
Band12	1.4	699.7	QPSK	3	LOW	23.26	30.06	6.8	13	0.3	21.41	34.8	Pass

Band12	1.4	699.7	QPSK	3	MID	23.22	30.02	6.8	13	0.3	21.37	34.8	Pass
Band12	1.4	699.7	QPSK	3	HIGH	23.21	30.07	6.86	13	0.3	21.36	34.8	Pass
Band12	1.4	699.7	QPSK	1	LOW	23.22	29.22	6	13	0.3	21.37	34.8	Pass
Band12	1.4	699.7	QPSK	1	MID	23.12	29.07	5.95	13	0.3	21.27	34.8	Pass
Band12	1.4	699.7	QPSK	1	HIGH	23	28.97	5.97	13	0.3	21.15	34.8	Pass
Band12	1.4	699.7	16QAM	6	LOW	21.08	28.37	7.29	13	0.3	19.23	34.8	Pass
Band12	1.4	699.7	16QAM	3	LOW	22.22	29.82	7.6	13	0.3	20.37	34.8	Pass
Band12	1.4	699.7	16QAM	3	MID	22.28	29.84	7.56	13	0.3	20.43	34.8	Pass
Band12	1.4	699.7	16QAM	3	HIGH	22.21	29.84	7.63	13	0.3	20.36	34.8	Pass
Band12	1.4	699.7	16QAM	1	LOW	22.11	27.47	5.36	13	0.3	20.26	34.8	Pass
Band12	1.4	699.7	16QAM	1	MID	22.12	27.45	5.33	13	0.3	20.27	34.8	Pass
Band12	1.4	699.7	16QAM	1	HIGH	22.37	27.79	5.42	13	0.3	20.52	34.8	Pass
Band12	1.4	707.5	QPSK	6	LOW	22.19	29.27	7.08	13	0.3	20.34	34.8	Pass
Band12	1.4	707.5	QPSK	3	LOW	23.43	30.48	7.05	13	0.3	21.58	34.8	Pass
Band12	1.4	707.5	QPSK	3	MID	23.38	30.41	7.03	13	0.3	21.53	34.8	Pass
Band12	1.4	707.5	QPSK	3	HIGH	23.41	30.51	7.1	13	0.3	21.56	34.8	Pass
Band12	1.4	707.5	QPSK	1	LOW	23.55	30.51	6.96	13	0.3	21.7	34.8	Pass
Band12	1.4	707.5	QPSK	1	MID	23.58	30.42	6.84	13	0.3	21.73	34.8	Pass
Band12	1.4	707.5	QPSK	1	HIGH	23.53	30.49	6.96	13	0.3	21.68	34.8	Pass
Band12	1.4	707.5	16QAM	6	LOW	21.17	29.2	8.03	13	0.3	19.32	34.8	Pass
Band12	1.4	707.5	16QAM	3	LOW	22.38	29.48	7.1	13	0.3	20.53	34.8	Pass
Band12	1.4	707.5	16QAM	3	MID	22.47	29.57	7.1	13	0.3	20.62	34.8	Pass
Band12	1.4	707.5	16QAM	3	HIGH	22.53	29.58	7.05	13	0.3	20.68	34.8	Pass
Band12	1.4	707.5	16QAM	1	LOW	22.6	29.41	6.81	13	0.3	20.75	34.8	Pass
Band12	1.4	707.5	16QAM	1	MID	22.72	29.49	6.77	13	0.3	20.87	34.8	Pass
Band12	1.4	707.5	16QAM	1	HIGH	22.69	29.45	6.76	13	0.3	20.84	34.8	Pass
Band12	1.4	715.3	QPSK	6	LOW	22.25	28.68	6.43	13	0.3	20.4	34.8	Pass
Band12	1.4	715.3	QPSK	3	LOW	23.16	30.17	7.01	13	0.3	21.31	34.8	Pass
Band12	1.4	715.3	QPSK	3	MID	23.22	30.21	6.99	13	0.3	21.37	34.8	Pass
Band12	1.4	715.3	QPSK	3	HIGH	23.4	30.24	6.84	13	0.3	21.55	34.8	Pass
Band12	1.4	715.3	QPSK	1	LOW	23.39	30.23	6.84	13	0.3	21.54	34.8	Pass
Band12	1.4	715.3	QPSK	1	MID	23.53	30.13	6.6	13	0.3	21.68	34.8	Pass
Band12	1.4	715.3	QPSK	1	HIGH	23.2	29.9	6.7	13	0.3	21.35	34.8	Pass
Band12	1.4	715.3	16QAM	6	LOW	21.24	28.88	7.64	13	0.3	19.39	34.8	Pass
Band12	1.4	715.3	16QAM	3	LOW	22.24	30.35	8.11	13	0.3	20.39	34.8	Pass
Band12	1.4	715.3	16QAM	3	MID	22.22	30.34	8.12	13	0.3	20.37	34.8	Pass
Band12	1.4	715.3	16QAM	3	HIGH	22.38	30.29	7.91	13	0.3	20.53	34.8	Pass
Band12	1.4	715.3	16QAM	1	LOW	23.01	29.03	6.02	13	0.3	21.16	34.8	Pass
Band12	1.4	715.3	16QAM	1	MID	23.04	28.88	5.84	13	0.3	21.19	34.8	Pass
Band12	1.4	715.3	16QAM	1	HIGH	23.04	28.85	5.81	13	0.3	21.19	34.8	Pass
Band12	3	700.5	QPSK	15	LOW	22.33	29.31	6.98	13	0.3	20.48	34.8	Pass
Band12	3	700.5	QPSK	8	LOW	22.46	28.94	6.48	13	0.3	20.61	34.8	Pass
Band12	3	700.5	QPSK	8	MID	22.47	28.97	6.5	13	0.3	20.62	34.8	Pass
Band12	3	700.5	QPSK	8	HIGH	22.38	28.89	6.51	13	0.3	20.53	34.8	Pass
Band12	3	700.5	QPSK	1	LOW	23.47	29.18	5.71	13	0.3	21.62	34.8	Pass
Band12	3	700.5	QPSK	1	MID	23.35	29.06	5.71	13	0.3	21.5	34.8	Pass

Band12	3	700.5	QPSK	1	HIGH	23.26	29.27	6.01	13	0.3	21.41	34.8	Pass
Band12	3	700.5	16QAM	15	LOW	21.54	28.99	7.45	13	0.3	19.69	34.8	Pass
Band12	3	700.5	16QAM	8	LOW	21.81	29.21	7.4	13	0.3	19.96	34.8	Pass
Band12	3	700.5	16QAM	8	MID	21.82	29.19	7.37	13	0.3	19.97	34.8	Pass
Band12	3	700.5	16QAM	8	HIGH	21.46	28.93	7.47	13	0.3	19.61	34.8	Pass
Band12	3	700.5	16QAM	1	LOW	22.8	30.02	7.22	13	0.3	20.95	34.8	Pass
Band12	3	700.5	16QAM	1	MID	22.91	30.07	7.16	13	0.3	21.06	34.8	Pass
Band12	3	700.5	16QAM	1	HIGH	22.79	30.25	7.46	13	0.3	20.94	34.8	Pass
Band12	3	707.5	QPSK	15	LOW	22.31	29.17	6.86	13	0.3	20.46	34.8	Pass
Band12	3	707.5	QPSK	8	LOW	22.33	29.02	6.69	13	0.3	20.48	34.8	Pass
Band12	3	707.5	QPSK	8	MID	22.34	29.01	6.67	13	0.3	20.49	34.8	Pass
Band12	3	707.5	QPSK	8	HIGH	22.34	29	6.66	13	0.3	20.49	34.8	Pass
Band12	3	707.5	QPSK	1	LOW	23.41	29.99	6.58	13	0.3	21.56	34.8	Pass
Band12	3	707.5	QPSK	1	MID	23.3	29.71	6.41	13	0.3	21.45	34.8	Pass
Band12	3	707.5	QPSK	1	HIGH	23.44	29.88	6.44	13	0.3	21.59	34.8	Pass
Band12	3	707.5	16QAM	15	LOW	21.19	28.94	7.75	13	0.3	19.34	34.8	Pass
Band12	3	707.5	16QAM	8	LOW	21.2	28.24	7.04	13	0.3	19.35	34.8	Pass
Band12	3	707.5	16QAM	8	MID	21.14	28.26	7.12	13	0.3	19.29	34.8	Pass
Band12	3	707.5	16QAM	8	HIGH	21.23	28.26	7.03	13	0.3	19.38	34.8	Pass
Band12	3	707.5	16QAM	1	LOW	22.68	28.01	5.33	13	0.3	20.83	34.8	Pass
Band12	3	707.5	16QAM	1	MID	22.69	27.93	5.24	13	0.3	20.84	34.8	Pass
Band12	3	707.5	16QAM	1	HIGH	22.61	27.86	5.25	13	0.3	20.76	34.8	Pass
Band12	3	714.5	QPSK	15	LOW	22.25	30.29	8.04	13	0.3	20.4	34.8	Pass
Band12	3	714.5	QPSK	8	LOW	22.42	29.69	7.27	13	0.3	20.57	34.8	Pass
Band12	3	714.5	QPSK	8	MID	22.41	29.87	7.46	13	0.3	20.56	34.8	Pass
Band12	3	714.5	QPSK	8	HIGH	22.34	29.87	7.53	13	0.3	20.49	34.8	Pass
Band12	3	714.5	QPSK	1	LOW	23.16	29.78	6.62	13	0.3	21.31	34.8	Pass
Band12	3	714.5	QPSK	1	MID	23.6	30.05	6.45	13	0.3	21.75	34.8	Pass
Band12	3	714.5	QPSK	1	HIGH	23.71	29.98	6.27	13	0.3	21.86	34.8	Pass
Band12	3	714.5	16QAM	15	LOW	21.24	29.25	8.01	13	0.3	19.39	34.8	Pass
Band12	3	714.5	16QAM	8	LOW	21.41	28.95	7.54	13	0.3	19.56	34.8	Pass
Band12	3	714.5	16QAM	8	MID	21.42	29.04	7.62	13	0.3	19.57	34.8	Pass
Band12	3	714.5	16QAM	8	HIGH	21.64	29.43	7.79	13	0.3	19.79	34.8	Pass
Band12	3	714.5	16QAM	1	LOW	22.2	28.01	5.81	13	0.3	20.35	34.8	Pass
Band12	3	714.5	16QAM	1	MID	22.26	28.16	5.9	13	0.3	20.41	34.8	Pass
Band12	3	714.5	16QAM	1	HIGH	22.62	28.67	6.05	13	0.3	20.77	34.8	Pass
Band12	5	701.5	QPSK	25	LOW	22.24	29.11	6.87	13	0.3	20.39	34.8	Pass
Band12	5	701.5	QPSK	12	LOW	22.37	29.08	6.71	13	0.3	20.52	34.8	Pass
Band12	5	701.5	QPSK	12	MID	22.38	29.1	6.72	13	0.3	20.53	34.8	Pass
Band12	5	701.5	QPSK	12	HIGH	22.46	29.43	6.97	13	0.3	20.61	34.8	Pass
Band12	5	701.5	QPSK	1	LOW	23.34	30.42	7.08	13	0.3	21.49	34.8	Pass
Band12	5	701.5	QPSK	1	MID	23.4	30.36	6.96	13	0.3	21.55	34.8	Pass
Band12	5	701.5	QPSK	1	HIGH	23.02	30.6	7.58	13	0.3	21.17	34.8	Pass
Band12	5	701.5	16QAM	25	LOW	21.6	29.72	8.12	13	0.3	19.75	34.8	Pass
Band12	5	701.5	16QAM	12	LOW	21.31	29.38	8.07	13	0.3	19.46	34.8	Pass
Band12	5	701.5	16QAM	12	MID	21.33	29.39	8.06	13	0.3	19.48	34.8	Pass

Band12	5	701.5	16QAM	12	HIGH	21.23	29.68	8.45	13	0.3	19.38	34.8	Pass
Band12	5	701.5	16QAM	1	LOW	22.1	28.22	6.12	13	0.3	20.25	34.8	Pass
Band12	5	701.5	16QAM	1	MID	22.17	28.35	6.18	13	0.3	20.32	34.8	Pass
Band12	5	701.5	16QAM	1	HIGH	21.8	28.21	6.41	13	0.3	19.95	34.8	Pass
Band12	5	707.5	QPSK	25	LOW	22.25	29.32	7.07	13	0.3	20.4	34.8	Pass
Band12	5	707.5	QPSK	12	LOW	22.43	29.83	7.4	13	0.3	20.58	34.8	Pass
Band12	5	707.5	QPSK	12	MID	22.43	29.83	7.4	13	0.3	20.58	34.8	Pass
Band12	5	707.5	QPSK	12	HIGH	22.38	29.76	7.38	13	0.3	20.53	34.8	Pass
Band12	5	707.5	QPSK	1	LOW	22.98	29.43	6.45	13	0.3	21.13	34.8	Pass
Band12	5	707.5	QPSK	1	MID	23.32	29.57	6.25	13	0.3	21.47	34.8	Pass
Band12	5	707.5	QPSK	1	HIGH	23.21	29.34	6.13	13	0.3	21.36	34.8	Pass
Band12	5	707.5	16QAM	25	LOW	21.33	29.75	8.42	13	0.3	19.48	34.8	Pass
Band12	5	707.5	16QAM	12	LOW	21.22	28.6	7.38	13	0.3	19.37	34.8	Pass
Band12	5	707.5	16QAM	12	MID	21.24	28.65	7.41	13	0.3	19.39	34.8	Pass
Band12	5	707.5	16QAM	12	HIGH	21.23	28.38	7.15	13	0.3	19.38	34.8	Pass
Band12	5	707.5	16QAM	1	LOW	22.64	29.6	6.96	13	0.3	20.79	34.8	Pass
Band12	5	707.5	16QAM	1	MID	23.17	29.87	6.7	13	0.3	21.32	34.8	Pass
Band12	5	707.5	16QAM	1	HIGH	22.87	29.52	6.65	13	0.3	21.02	34.8	Pass
Band12	5	713.5	QPSK	25	LOW	22.26	29.03	6.77	13	0.3	20.41	34.8	Pass
Band12	5	713.5	QPSK	12	LOW	22.26	28.98	6.72	13	0.3	20.41	34.8	Pass
Band12	5	713.5	QPSK	12	MID	22.26	28.97	6.71	13	0.3	20.41	34.8	Pass
Band12	5	713.5	QPSK	12	HIGH	22.22	29.15	6.93	13	0.3	20.37	34.8	Pass
Band12	5	713.5	QPSK	1	LOW	23.21	29.93	6.72	13	0.3	21.36	34.8	Pass
Band12	5	713.5	QPSK	1	MID	23.27	30.09	6.82	13	0.3	21.42	34.8	Pass
Band12	5	713.5	QPSK	1	HIGH	23.22	30.07	6.85	13	0.3	21.37	34.8	Pass
Band12	5	713.5	16QAM	25	LOW	21.15	29.7	8.55	13	0.3	19.3	34.8	Pass
Band12	5	713.5	16QAM	12	LOW	21.15	28.92	7.77	13	0.3	19.3	34.8	Pass
Band12	5	713.5	16QAM	12	MID	21.17	28.96	7.79	13	0.3	19.32	34.8	Pass
Band12	5	713.5	16QAM	12	HIGH	21.16	29.16	8	13	0.3	19.31	34.8	Pass
Band12	5	713.5	16QAM	1	LOW	21.92	29.54	7.62	13	0.3	20.07	34.8	Pass
Band12	5	713.5	16QAM	1	MID	21.97	29.75	7.78	13	0.3	20.12	34.8	Pass
Band12	5	713.5	16QAM	1	HIGH	22.04	29.84	7.8	13	0.3	20.19	34.8	Pass
Band12	10	704	QPSK	50	LOW	22.27	29.04	6.77	13	0.3	20.42	34.8	Pass
Band12	10	704	QPSK	25	LOW	22.4	29.72	7.32	13	0.3	20.55	34.8	Pass
Band12	10	704	QPSK	25	MID	22.4	29.67	7.27	13	0.3	20.55	34.8	Pass
Band12	10	704	QPSK	25	HIGH	22.53	29.76	7.23	13	0.3	20.68	34.8	Pass
Band12	10	704	QPSK	1	LOW	23.15	28.83	5.68	13	0.3	21.3	34.8	Pass
Band12	10	704	QPSK	1	MID	23.14	29.18	6.04	13	0.3	21.29	34.8	Pass
Band12	10	704	QPSK	1	HIGH	23.16	29.05	5.89	13	0.3	21.31	34.8	Pass
Band12	10	704	16QAM	50	LOW	21.52	29.63	8.11	13	0.3	19.67	34.8	Pass
Band12	10	704	16QAM	25	LOW	21.17	29.28	8.11	13	0.3	19.32	34.8	Pass
Band12	10	704	16QAM	25	MID	21.18	29.35	8.17	13	0.3	19.33	34.8	Pass
Band12	10	704	16QAM	25	HIGH	21.4	29.66	8.26	13	0.3	19.55	34.8	Pass
Band12	10	704	16QAM	1	LOW	22.6	29.94	7.34	13	0.3	20.75	34.8	Pass
Band12	10	704	16QAM	1	MID	22.72	30.26	7.54	13	0.3	20.87	34.8	Pass
Band12	10	704	16QAM	1	HIGH	22.71	30.2	7.49	13	0.3	20.86	34.8	Pass

Band12	10	707.5	QPSK	50	LOW	22.27	29.06	6.79	13	0.3	20.42	34.8	Pass
Band12	10	707.5	QPSK	25	LOW	22.21	29.36	7.15	13	0.3	20.36	34.8	Pass
Band12	10	707.5	QPSK	25	MID	22.21	29.33	7.12	13	0.3	20.36	34.8	Pass
Band12	10	707.5	QPSK	25	HIGH	22.37	29.19	6.82	13	0.3	20.52	34.8	Pass
Band12	10	707.5	QPSK	1	LOW	23.18	29.94	6.76	13	0.3	21.33	34.8	Pass
Band12	10	707.5	QPSK	1	MID	23.44	29.84	6.4	13	0.3	21.59	34.8	Pass
Band12	10	707.5	QPSK	1	HIGH	23.09	29.76	6.67	13	0.3	21.24	34.8	Pass
Band12	10	707.5	16QAM	50	LOW	21.33	28.57	7.24	13	0.3	19.48	34.8	Pass
Band12	10	707.5	16QAM	25	LOW	21.16	29.43	8.27	13	0.3	19.31	34.8	Pass
Band12	10	707.5	16QAM	25	MID	21.17	29.43	8.26	13	0.3	19.32	34.8	Pass
Band12	10	707.5	16QAM	25	HIGH	21.42	29.72	8.3	13	0.3	19.57	34.8	Pass
Band12	10	707.5	16QAM	1	LOW	22.79	28.46	5.67	13	0.3	20.94	34.8	Pass
Band12	10	707.5	16QAM	1	MID	22.95	28.27	5.32	13	0.3	21.1	34.8	Pass
Band12	10	707.5	16QAM	1	HIGH	22.62	28.1	5.48	13	0.3	20.77	34.8	Pass
Band12	10	711	QPSK	50	LOW	22.26	28.74	6.48	13	0.3	20.41	34.8	Pass
Band12	10	711	QPSK	25	LOW	22.37	29.72	7.35	13	0.3	20.52	34.8	Pass
Band12	10	711	QPSK	25	MID	22.38	29.69	7.31	13	0.3	20.53	34.8	Pass
Band12	10	711	QPSK	25	HIGH	22.3	29.77	7.47	13	0.3	20.45	34.8	Pass
Band12	10	711	QPSK	1	LOW	23.29	29.54	6.25	13	0.3	21.44	34.8	Pass
Band12	10	711	QPSK	1	MID	23.64	29.74	6.1	13	0.3	21.79	34.8	Pass
Band12	10	711	QPSK	1	HIGH	23.15	29.65	6.5	13	0.3	21.3	34.8	Pass
Band12	10	711	16QAM	50	LOW	21.34	29.66	8.32	13	0.3	19.49	34.8	Pass
Band12	10	711	16QAM	25	LOW	21.38	29.44	8.06	13	0.3	19.53	34.8	Pass
Band12	10	711	16QAM	25	MID	21.33	29.3	7.97	13	0.3	19.48	34.8	Pass
Band12	10	711	16QAM	25	HIGH	21.42	29.94	8.52	13	0.3	19.57	34.8	Pass
Band12	10	711	16QAM	1	LOW	22.39	28	5.61	13	0.3	20.54	34.8	Pass
Band12	10	711	16QAM	1	MID	22.4	27.87	5.47	13	0.3	20.55	34.8	Pass
Band12	10	711	16QAM	1	HIGH	22.49	28.52	6.03	13	0.3	20.64	34.8	Pass