

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

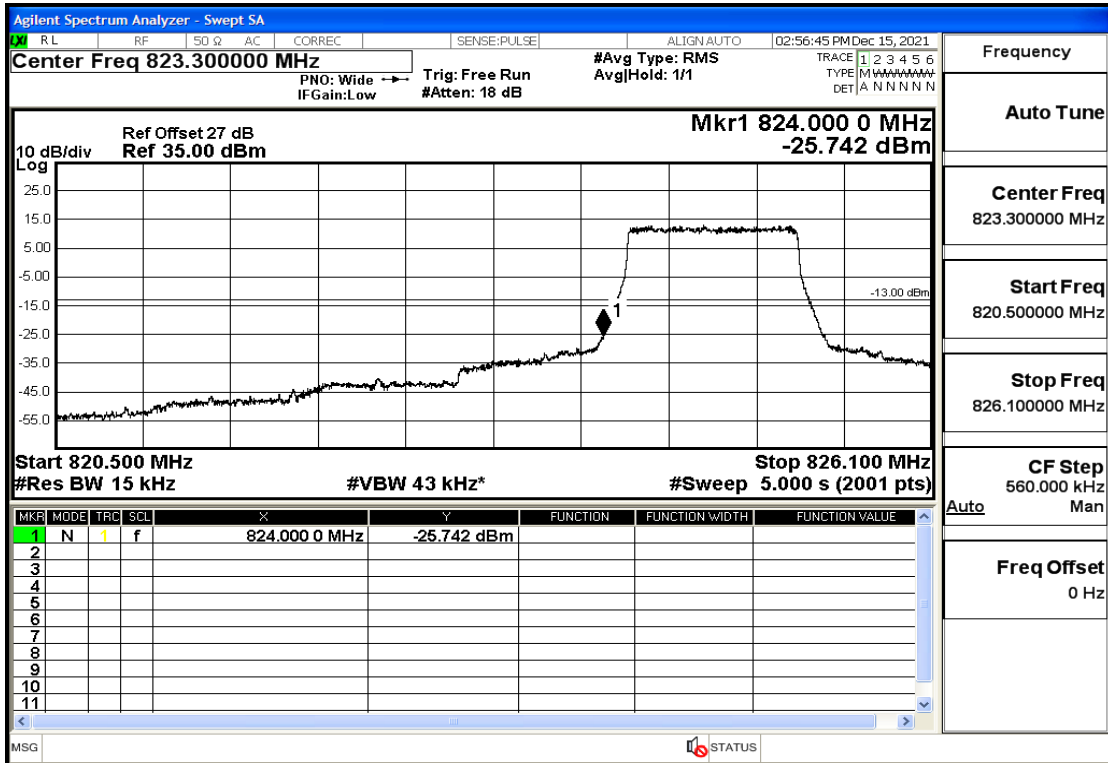
Temperature:	23.8°C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band2/26A/5

Band Edge and Emission Mask

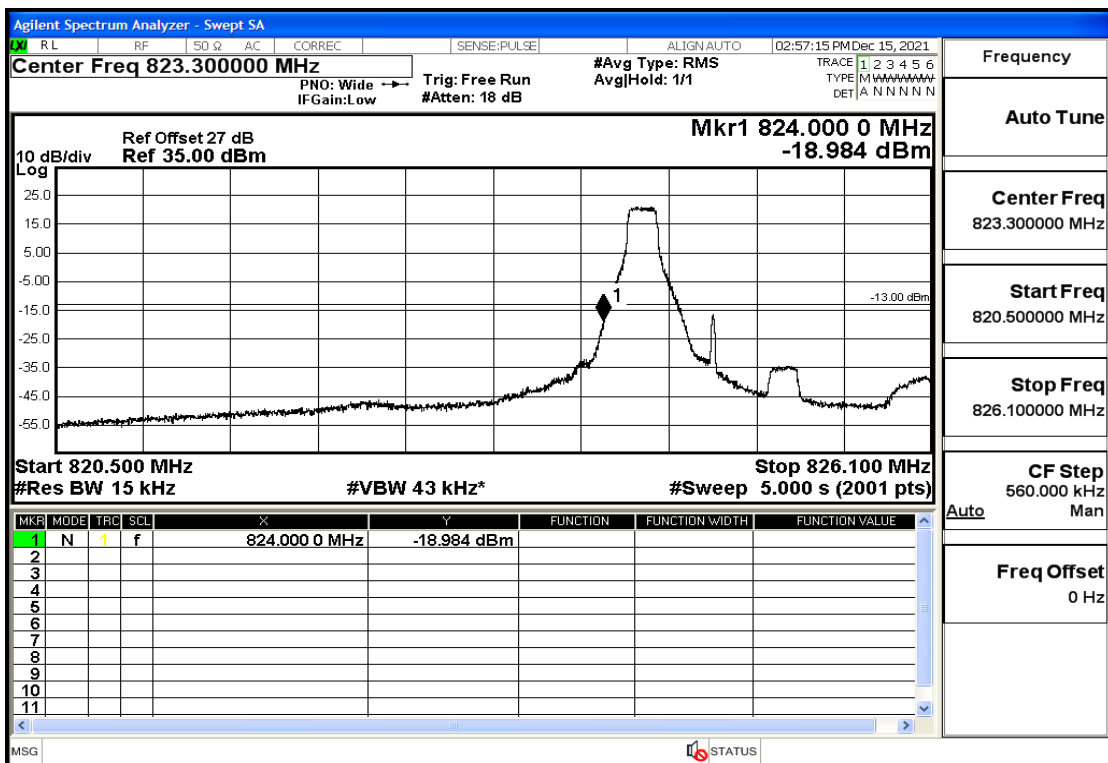
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band5	1.4	824.7	QPSK	6	LOW	Pass
Band5	1.4	824.7	QPSK	1	LOW	Pass
Band5	1.4	824.7	16QAM	6	LOW	Pass
Band5	1.4	824.7	16QAM	1	LOW	Pass
Band5	1.4	848.3	QPSK	6	LOW	Pass
Band5	1.4	848.3	QPSK	1	HIGH	Pass
Band5	1.4	848.3	16QAM	6	LOW	Pass
Band5	1.4	848.3	16QAM	1	HIGH	Pass
Band5	3	825.5	QPSK	15	LOW	Pass
Band5	3	825.5	QPSK	1	LOW	Pass
Band5	3	825.5	16QAM	15	LOW	Pass
Band5	3	825.5	16QAM	1	LOW	Pass
Band5	3	847.5	QPSK	15	LOW	Pass
Band5	3	847.5	QPSK	1	HIGH	Pass
Band5	3	847.5	16QAM	15	LOW	Pass
Band5	3	847.5	16QAM	1	HIGH	Pass
Band5	5	826.5	QPSK	25	LOW	Pass
Band5	5	826.5	QPSK	1	LOW	Pass
Band5	5	826.5	16QAM	25	LOW	Pass
Band5	5	826.5	16QAM	1	LOW	Pass
Band5	5	846.5	QPSK	25	LOW	Pass
Band5	5	846.5	QPSK	1	HIGH	Pass
Band5	5	846.5	16QAM	25	LOW	Pass
Band5	5	846.5	16QAM	1	HIGH	Pass
Band5	10	829	QPSK	50	LOW	Pass
Band5	10	829	QPSK	1	LOW	Pass
Band5	10	829	16QAM	50	LOW	Pass
Band5	10	829	16QAM	1	LOW	Pass
Band5	10	844	QPSK	50	LOW	Pass
Band5	10	844	QPSK	1	HIGH	Pass
Band5	10	844	16QAM	50	LOW	Pass
Band5	10	844	16QAM	1	HIGH	Pass
Band26A	1.4	814.7	QPSK	6	LOW	Pass
Band26A	1.4	814.7	QPSK	1	LOW	Pass
Band26A	1.4	814.7	16QAM	6	LOW	Pass
Band26A	1.4	814.7	16QAM	1	LOW	Pass
Band26A	1.4	823.3	QPSK	6	LOW	Pass
Band26A	1.4	823.3	QPSK	1	HIGH	Pass
Band26A	1.4	823.3	16QAM	6	LOW	Pass
Band26A	1.4	823.3	16QAM	1	HIGH	Pass
Band26A	3	815.5	QPSK	15	LOW	Pass

Band26A	3	815.5	QPSK	1	LOW	Pass
Band26A	3	815.5	16QAM	15	LOW	Pass
Band26A	3	815.5	16QAM	1	LOW	Pass
Band26A	3	822.5	QPSK	15	LOW	Pass
Band26A	3	822.5	QPSK	1	HIGH	Pass
Band26A	3	822.5	16QAM	15	LOW	Pass
Band26A	3	822.5	16QAM	1	HIGH	Pass
Band26A	5	816.5	QPSK	25	LOW	Pass
Band26A	5	816.5	QPSK	1	LOW	Pass
Band26A	5	816.5	16QAM	25	LOW	Pass
Band26A	5	816.5	16QAM	1	LOW	Pass
Band26A	5	821.5	QPSK	25	LOW	Pass
Band26A	5	821.5	QPSK	1	HIGH	Pass
Band26A	5	821.5	16QAM	25	LOW	Pass
Band26A	5	821.5	16QAM	1	HIGH	Pass
Band26A	10	819	QPSK	50	LOW	Pass
Band26A	10	819	QPSK	1	LOW	Pass
Band26A	10	819	16QAM	50	LOW	Pass
Band26A	10	819	16QAM	1	LOW	Pass
Band19	5	832.5	QPSK	25	LOW	Pass
Band19	5	832.5	QPSK	1	LOW	Pass
Band19	5	832.5	16QAM	25	LOW	Pass
Band19	5	832.5	16QAM	1	LOW	Pass
Band19	5	842.5	QPSK	25	LOW	Pass
Band19	5	842.5	QPSK	1	HIGH	Pass
Band19	5	842.5	16QAM	1	HIGH	Pass
Band19	10	835	QPSK	50	LOW	Pass
Band19	10	835	QPSK	1	LOW	Pass
Band19	10	835	16QAM	50	LOW	Pass
Band19	10	835	16QAM	1	LOW	Pass
Band19	10	840	QPSK	50	LOW	Pass
Band19	10	840	QPSK	1	HIGH	Pass
Band19	10	840	16QAM	1	HIGH	Pass

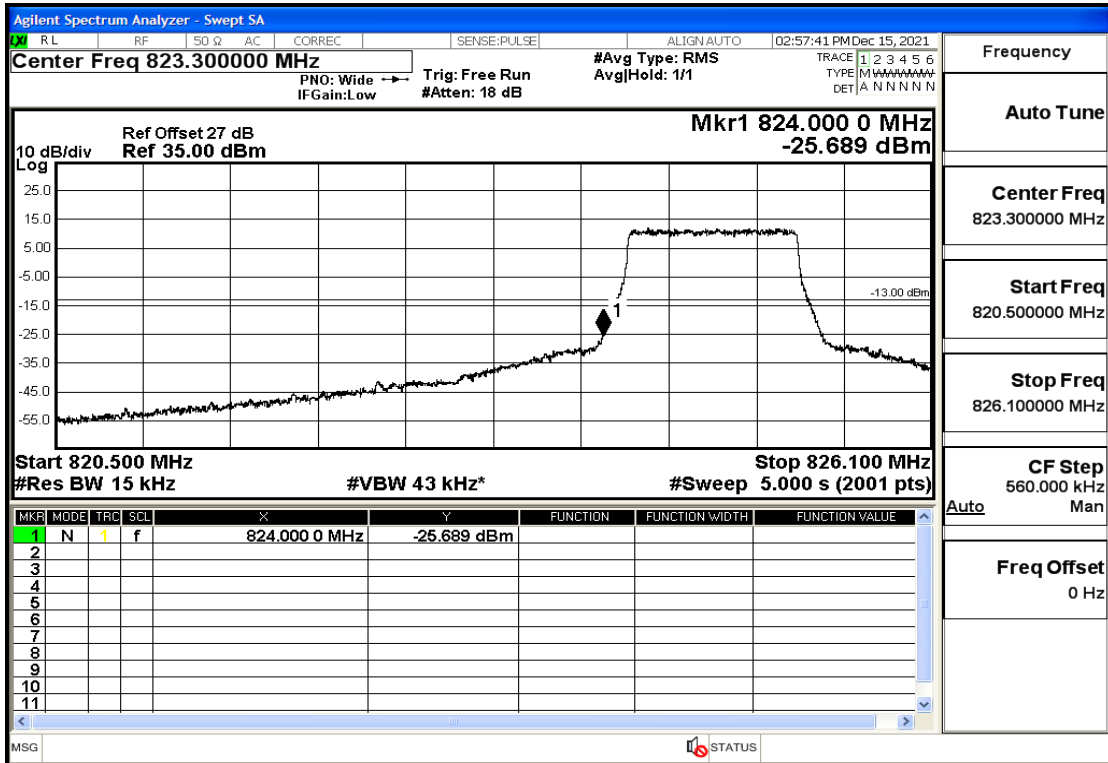
Band5-1.4-824.7-QPSK-6#LOW@Pass



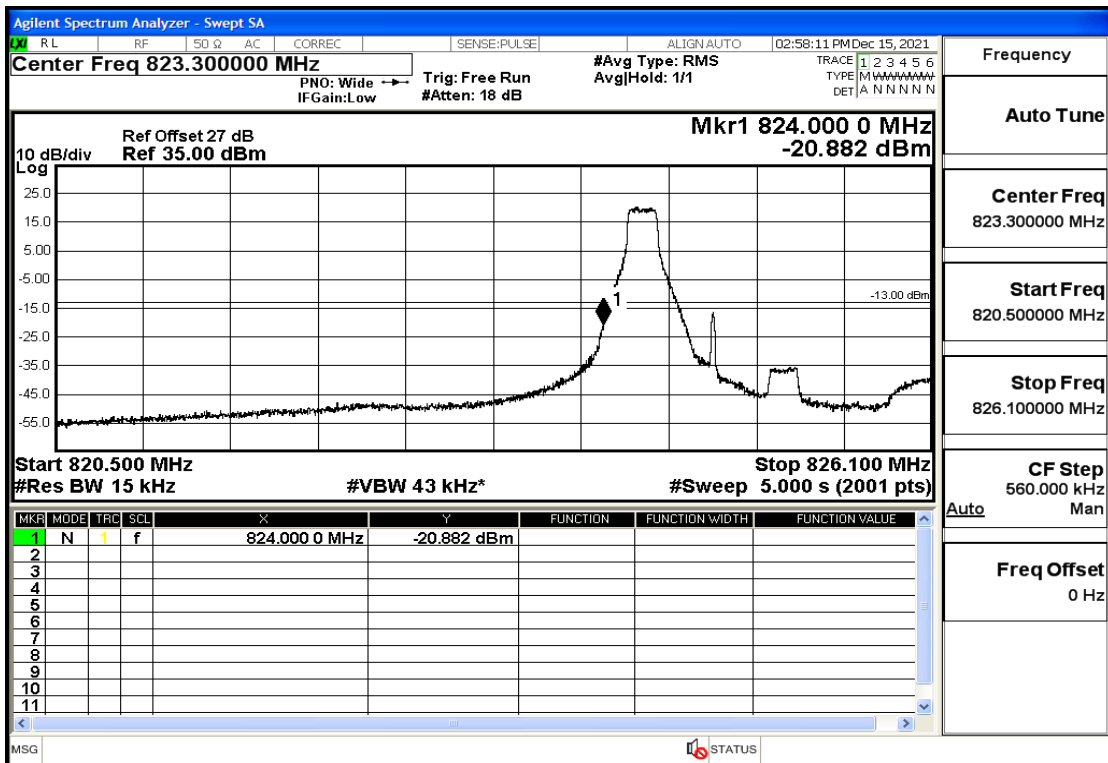
Band5-1.4-824.7-QPSK-1#LOW@Pass



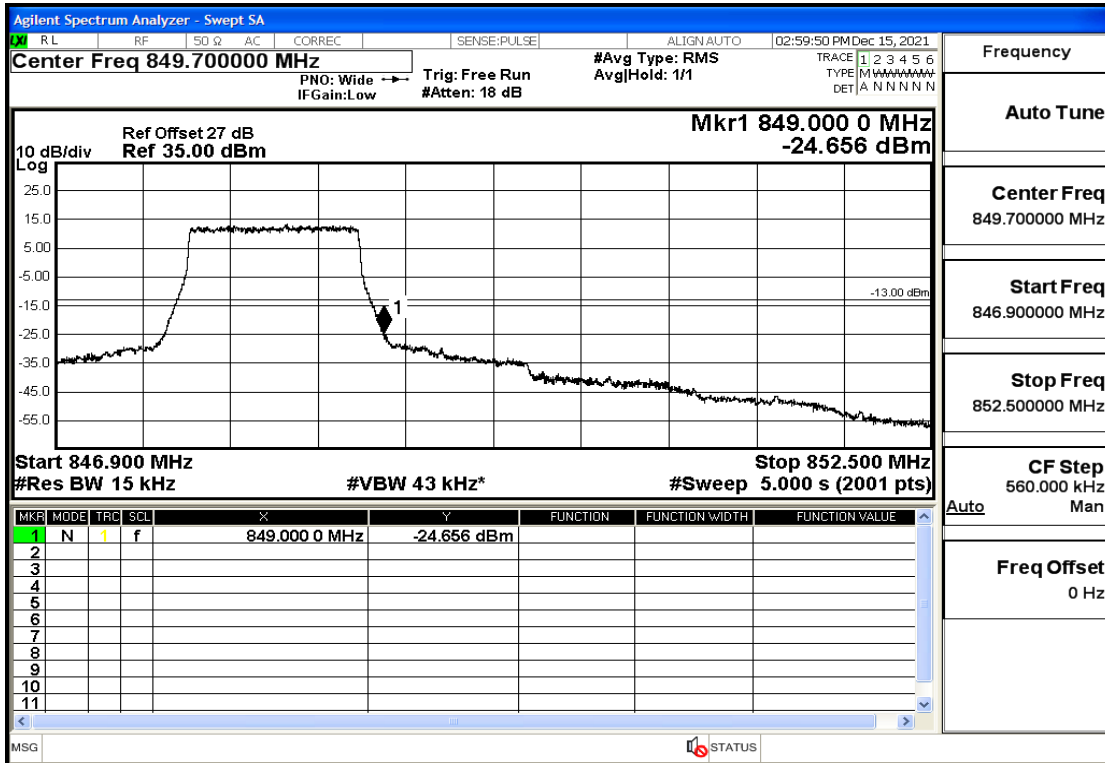
Band5-1.4-824.7-16QAM-6#LOW@Pass



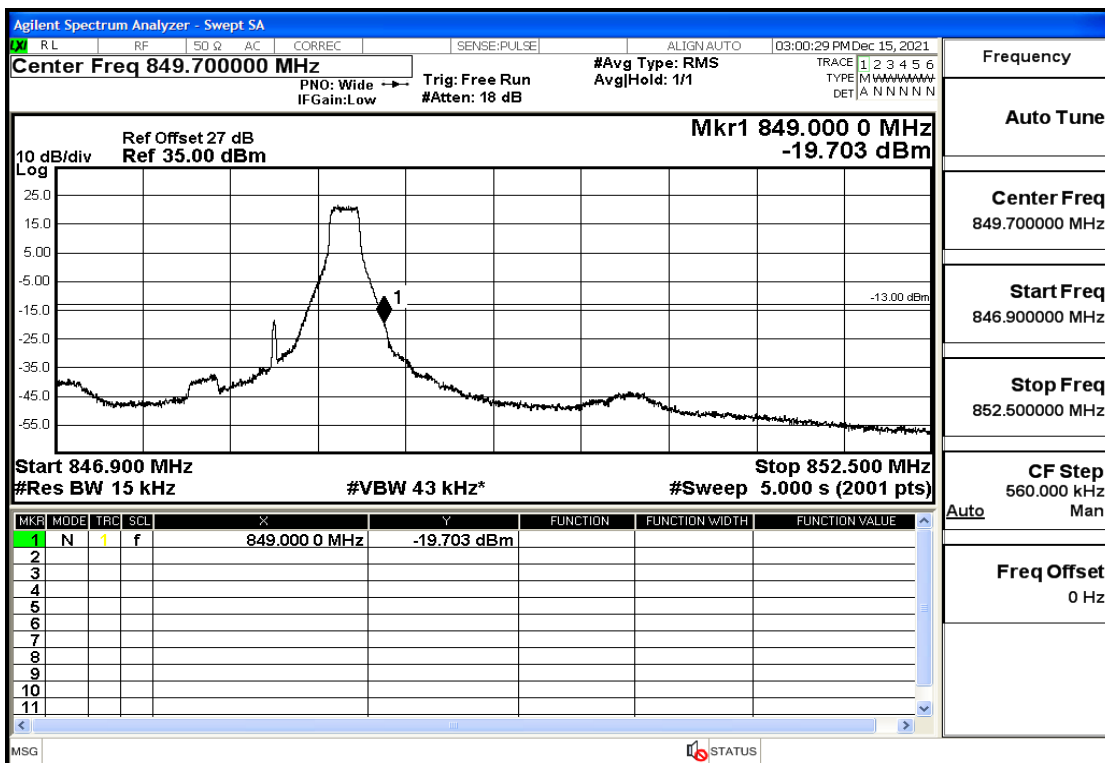
Band5-1.4-824.7-16QAM-1#LOW@Pass



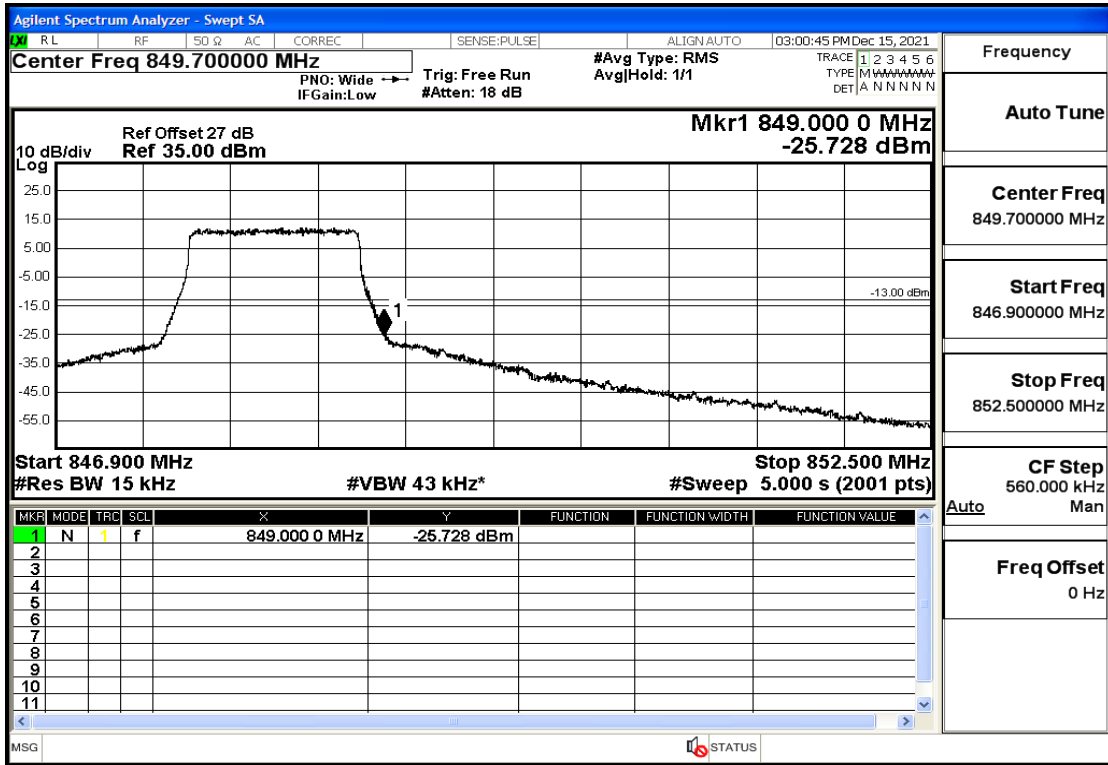
Band5-1.4-848.3-QPSK-6#LOW@Pass



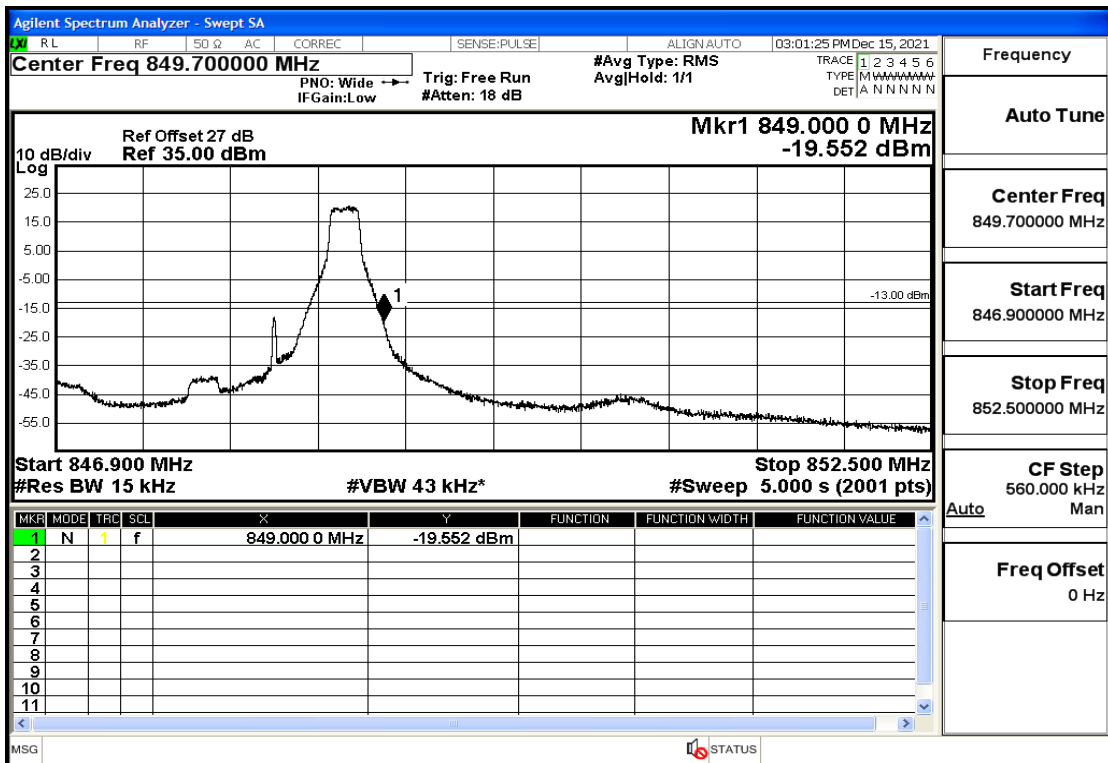
Band5-1.4-848.3-QPSK-1#HIGH@Pass



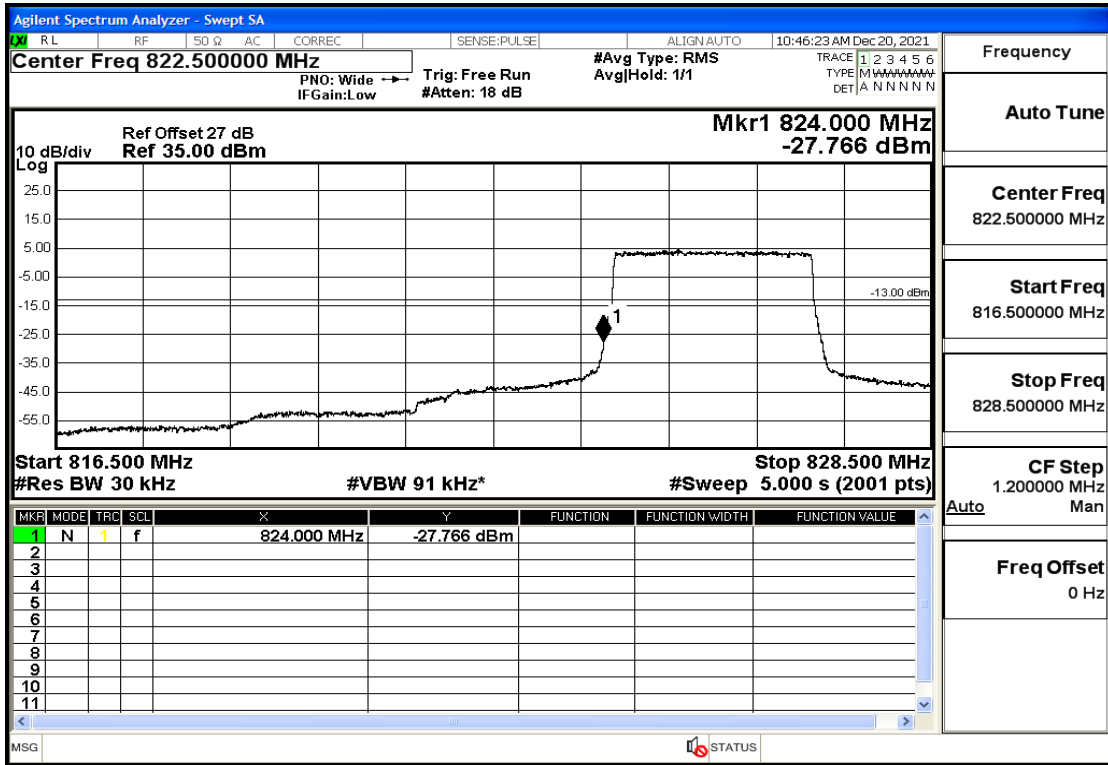
Band5-1.4-848.3-16QAM-6#LOW@Pass



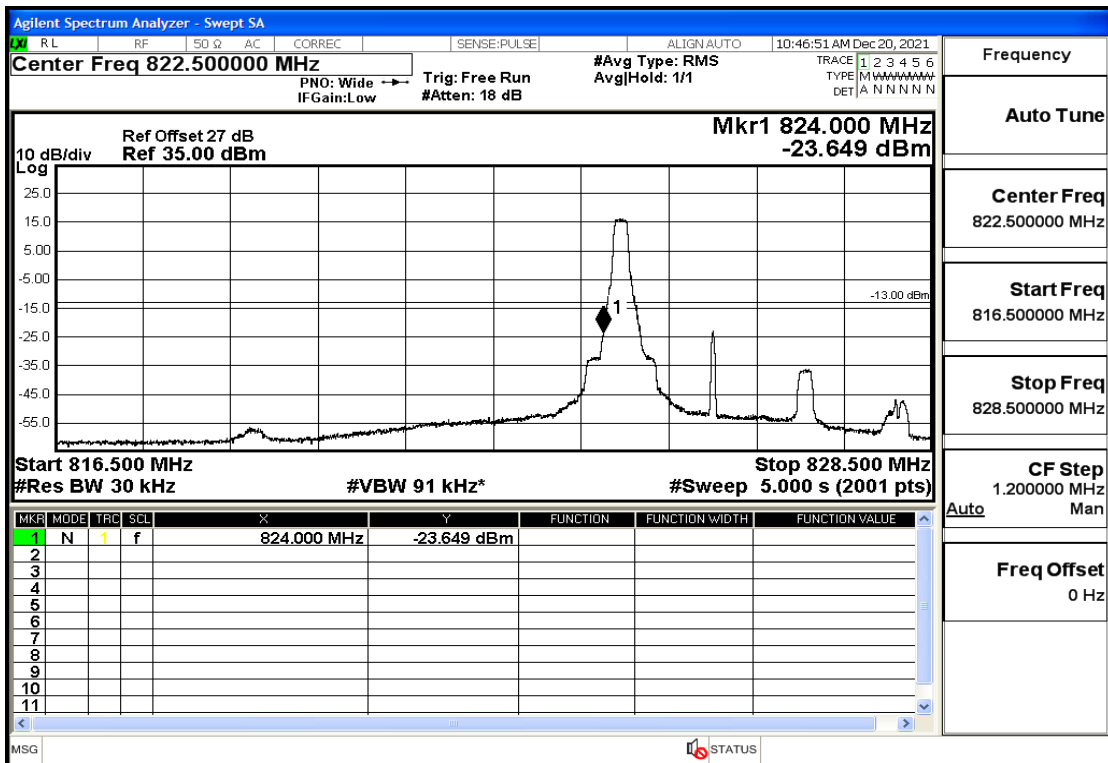
Band5-1.4-848.3-16QAM-1#HIGH@Pass



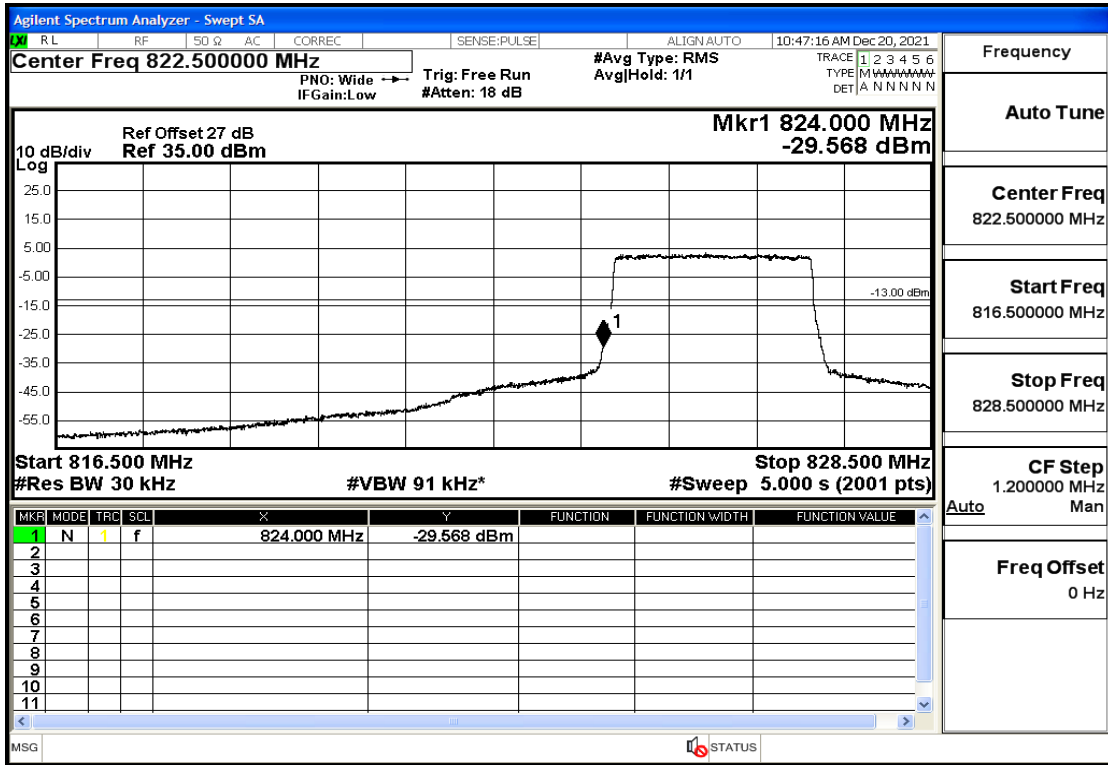
Band5-3-825.5-QPSK-15#LOW@Pass



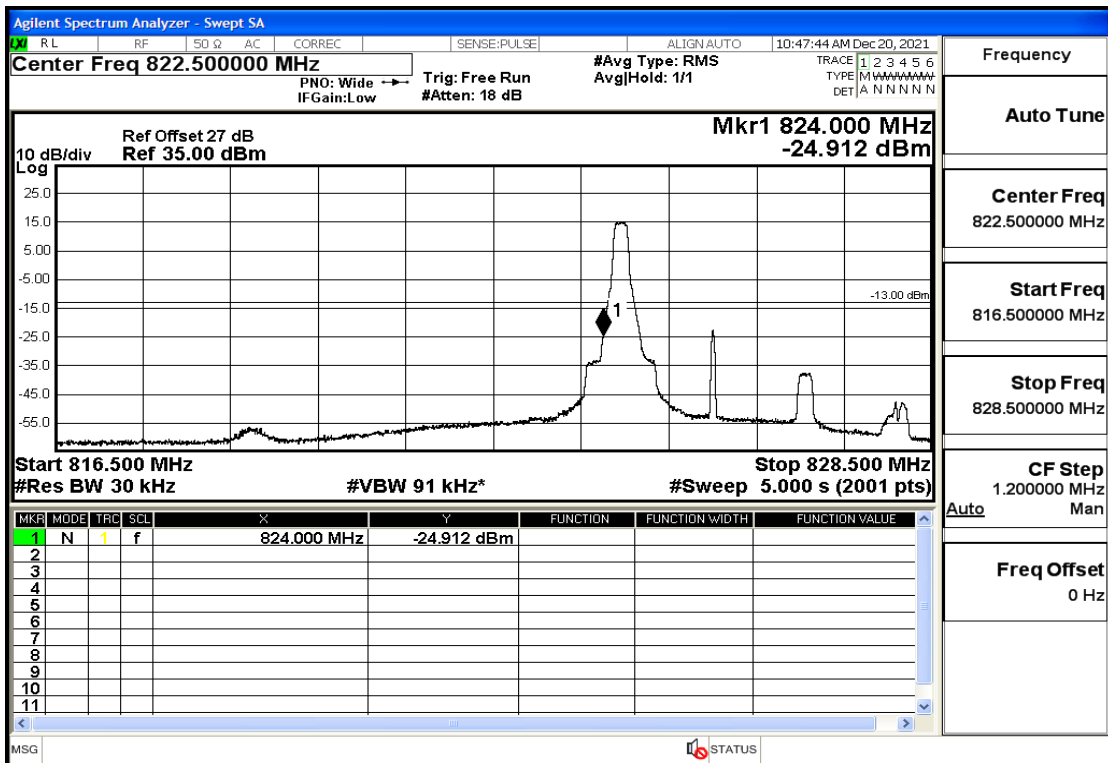
Band5-3-825.5-QPSK-1#LOW@Pass



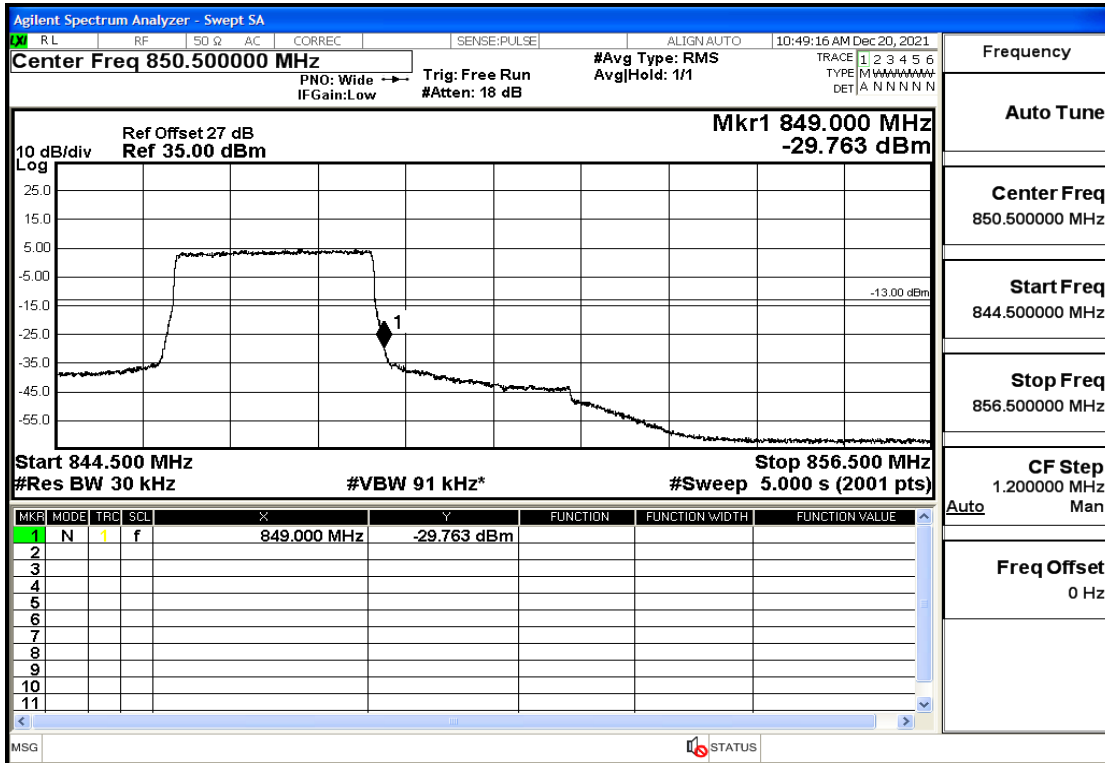
Band5-3-825.5-16QAM-15#LOW@Pass



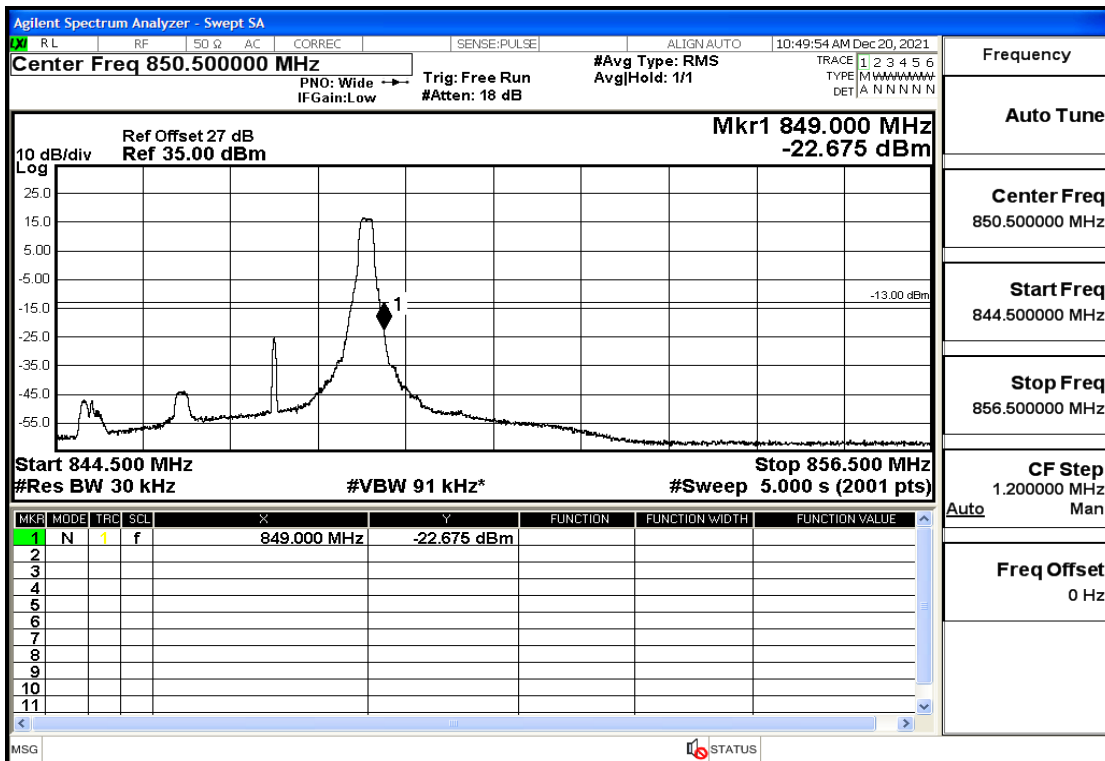
Band5-3-825.5-16QAM-1#LOW@Pass



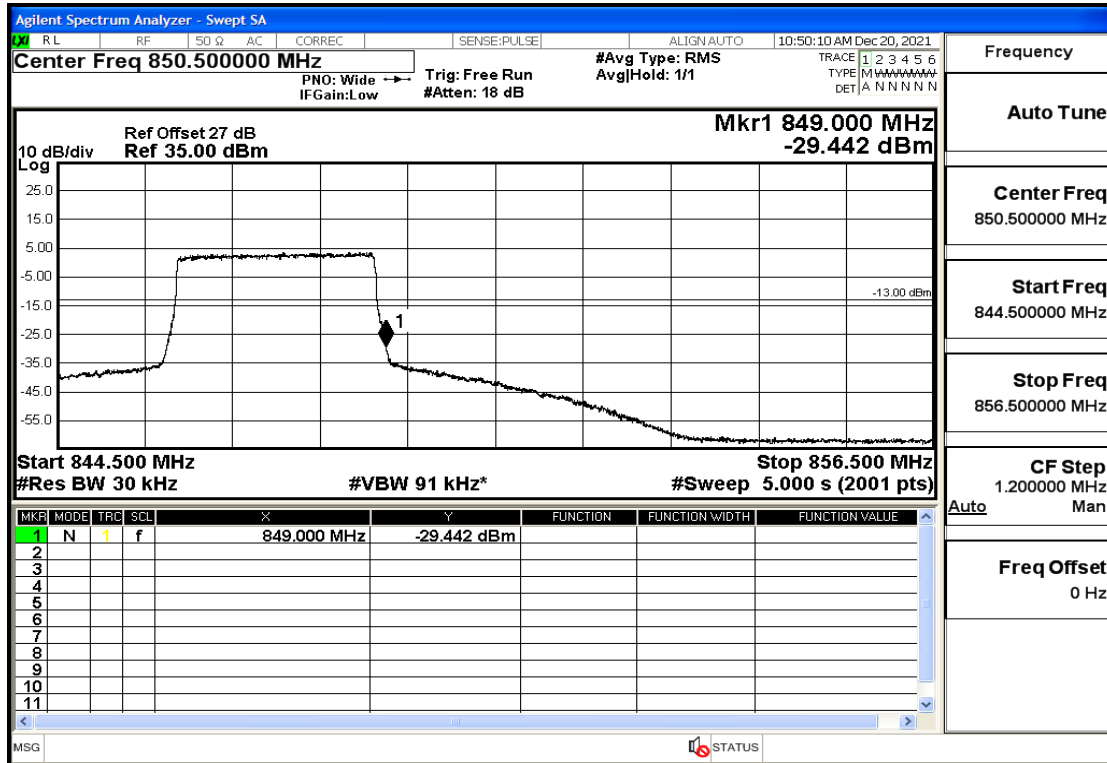
Band5-3-847.5-QPSK-15#LOW@Pass



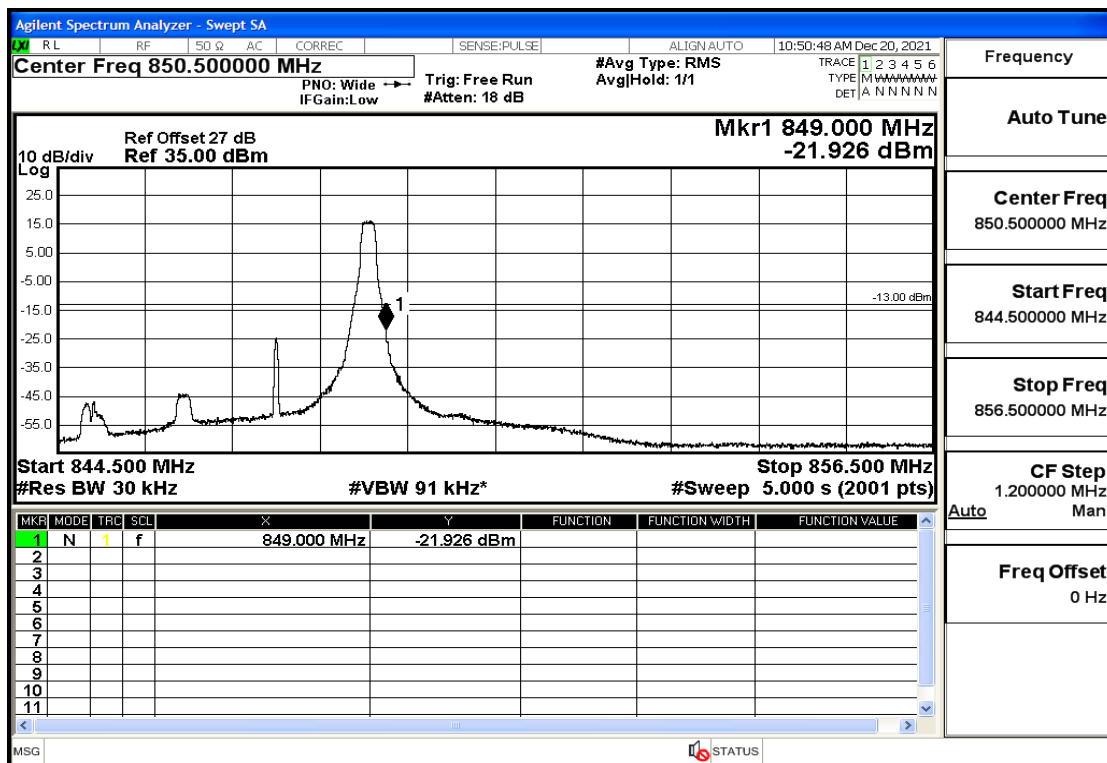
Band5-3-847.5-QPSK-1#HIGH@Pass



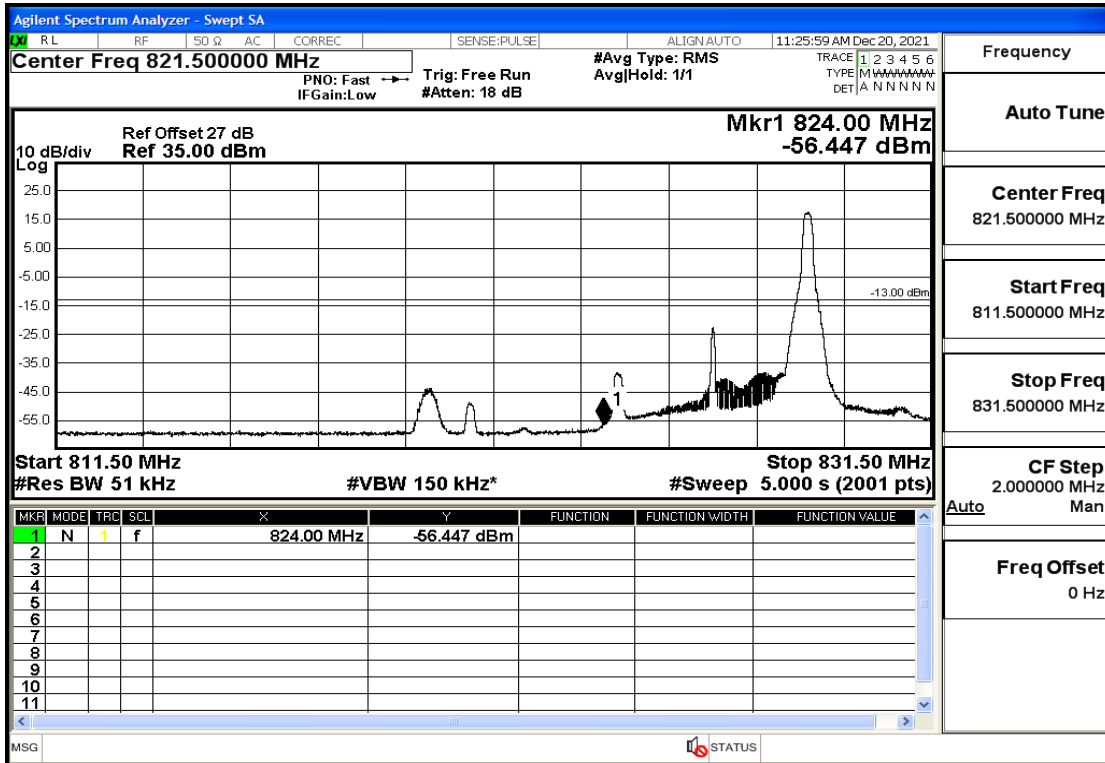
Band5-3-847.5-16QAM-15#LOW@Pass



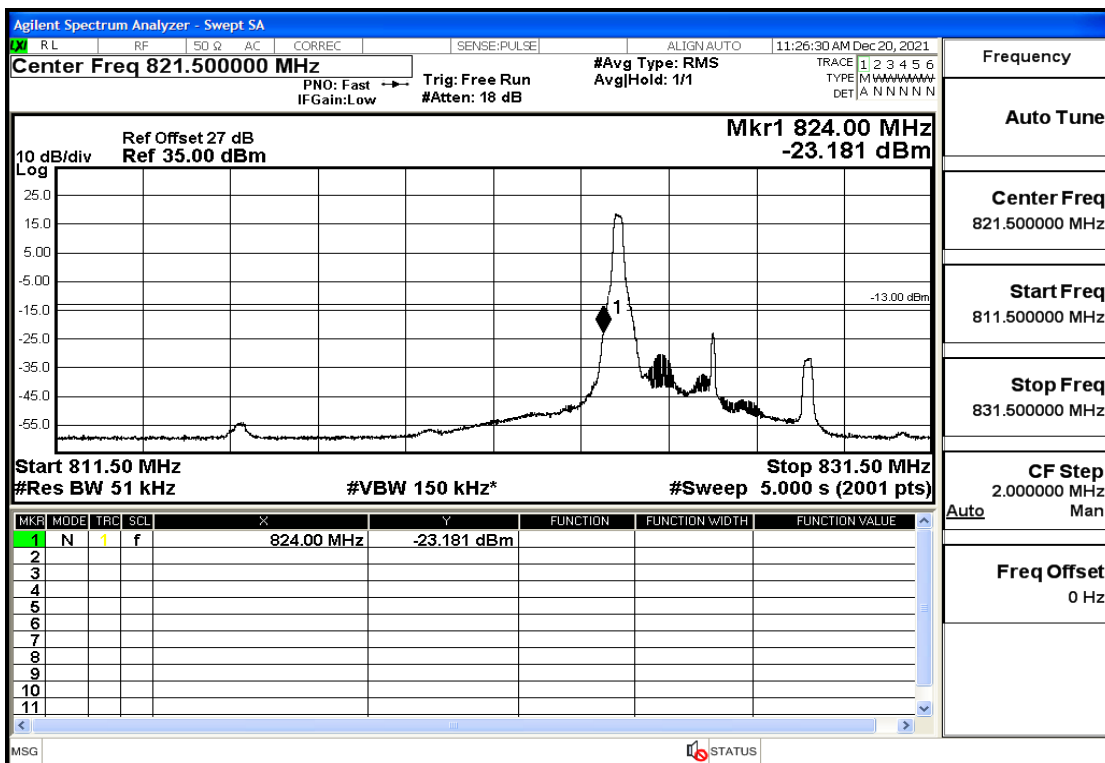
Band5-3-847.5-16QAM-1#HIGH@Pass



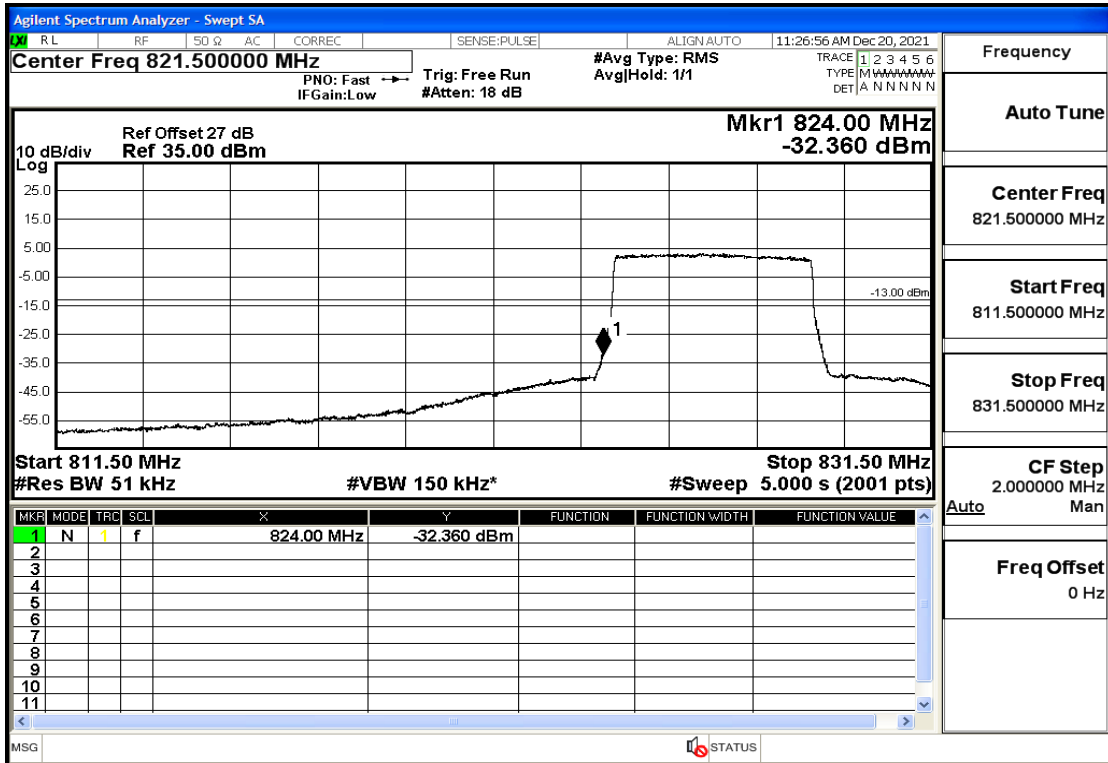
Band5-5-826.5-QPSK-25#LOW@Pass



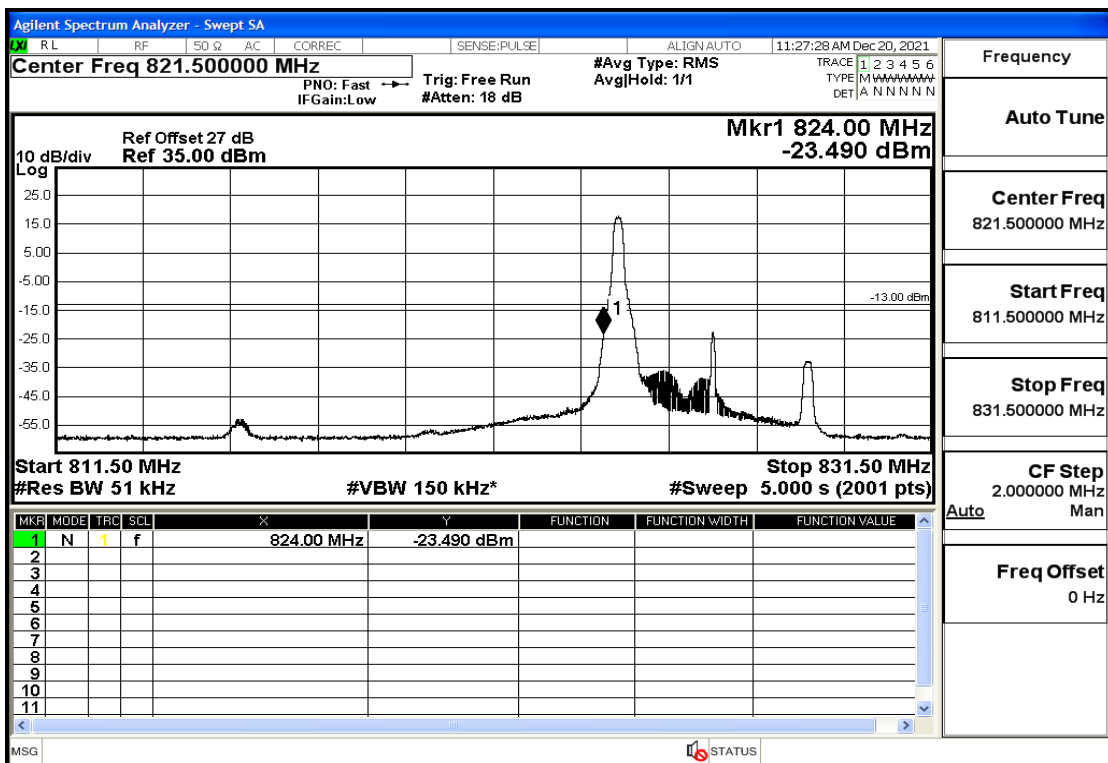
Band5-5-826.5-QPSK-1#LOW@Pass



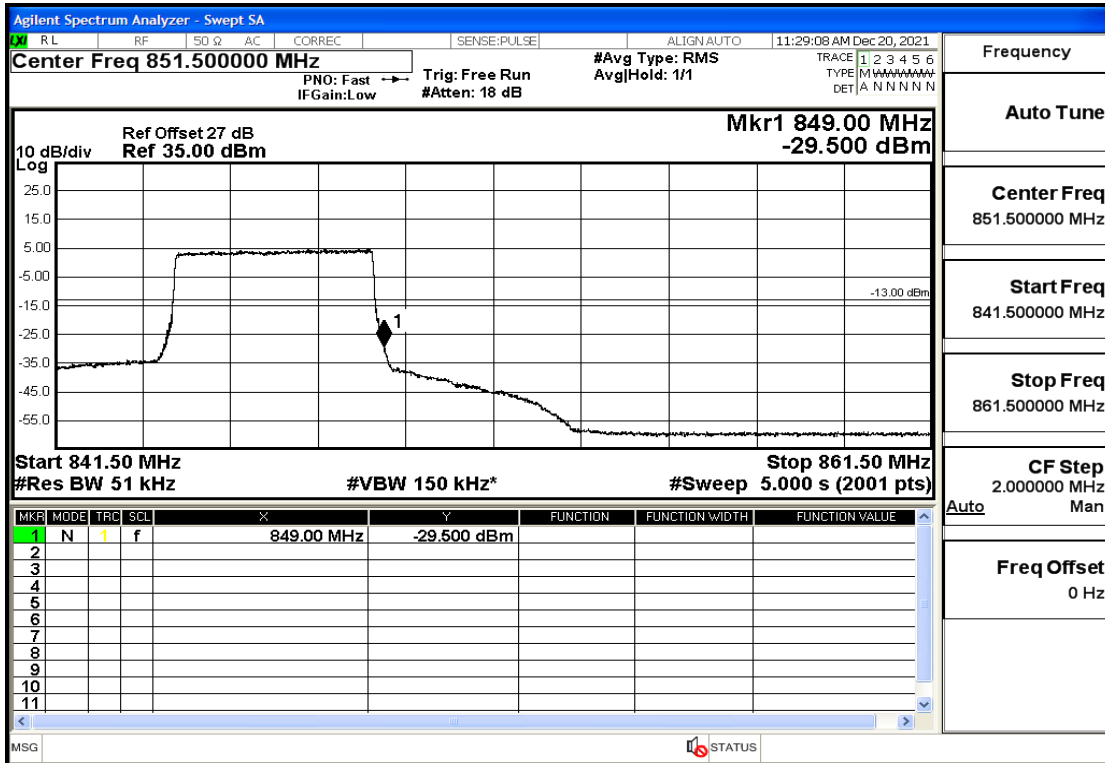
Band5-5-826.5-16QAM-25#LOW@Pass



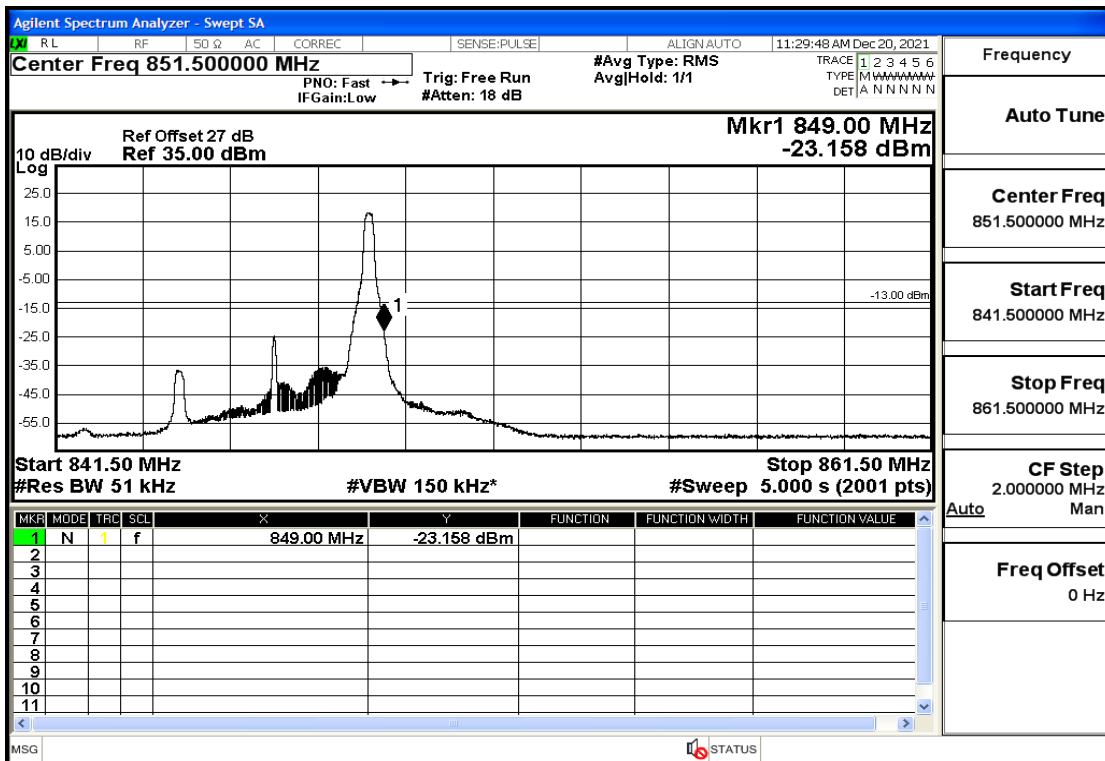
Band5-5-826.5-16QAM-1#LOW@Pass



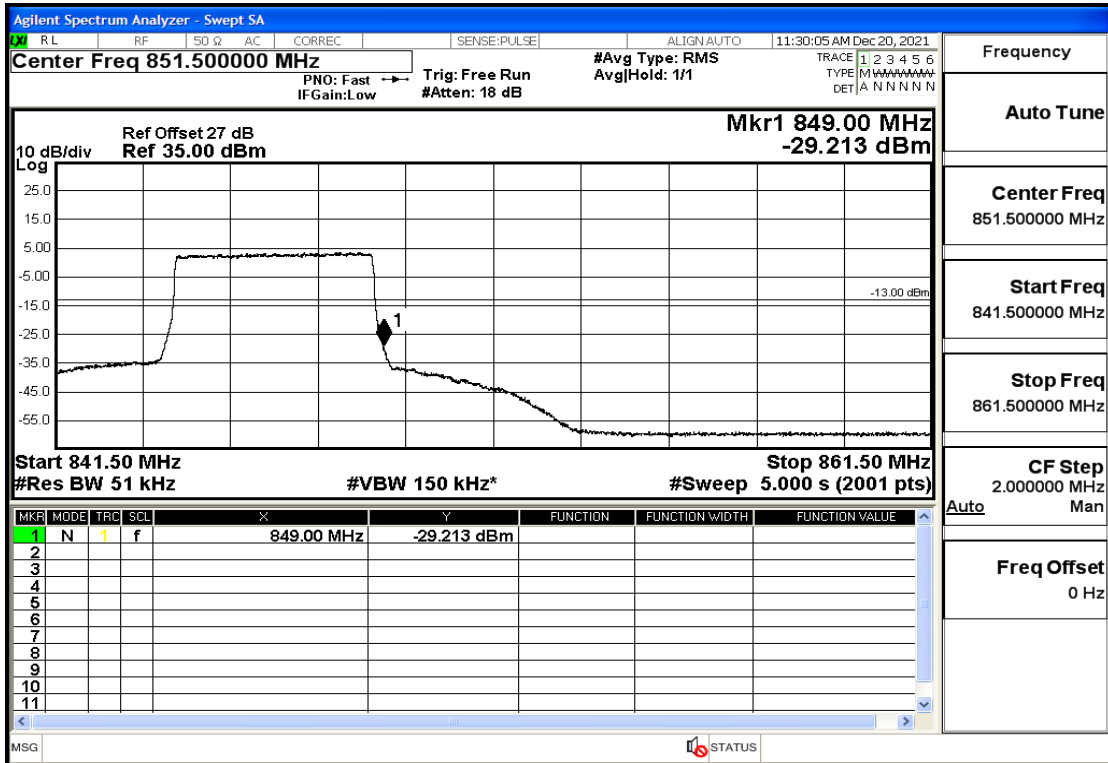
Band5-5-846.5-QPSK-25#LOW@Pass



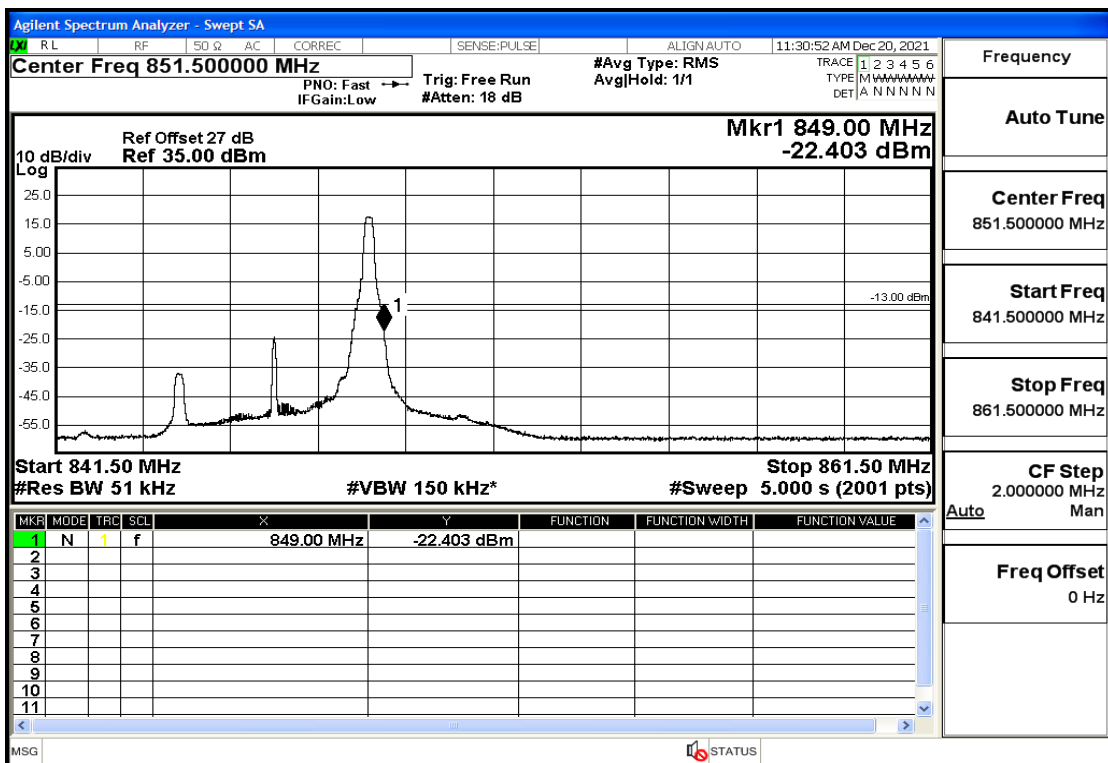
Band5-5-846.5-QPSK-1#HIGH@Pass



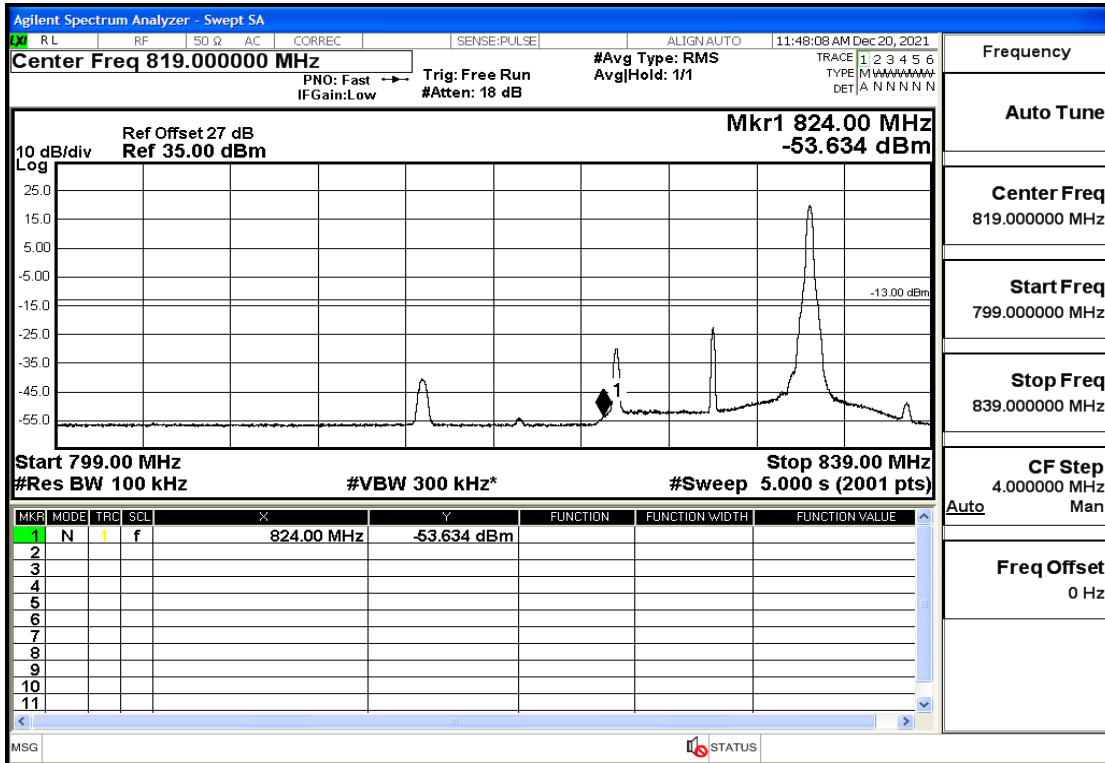
Band5-5-846.5-16QAM-25#LOW@Pass



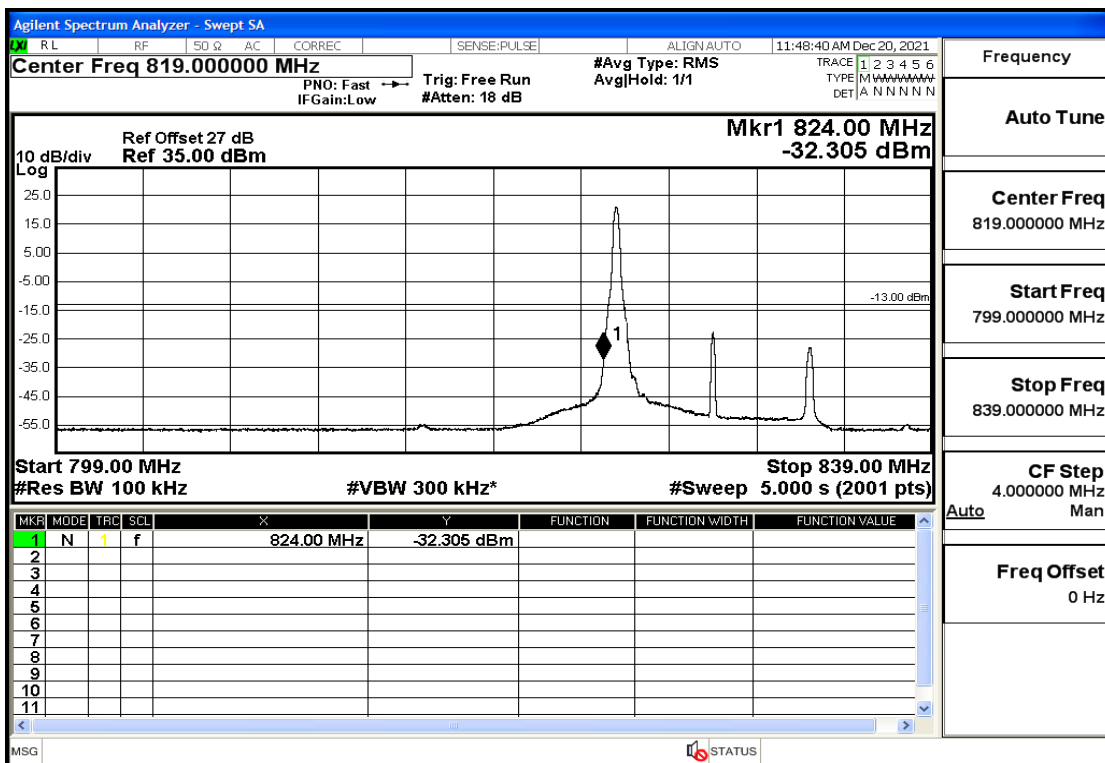
Band5-5-846.5-16QAM-1#HIGH@Pass



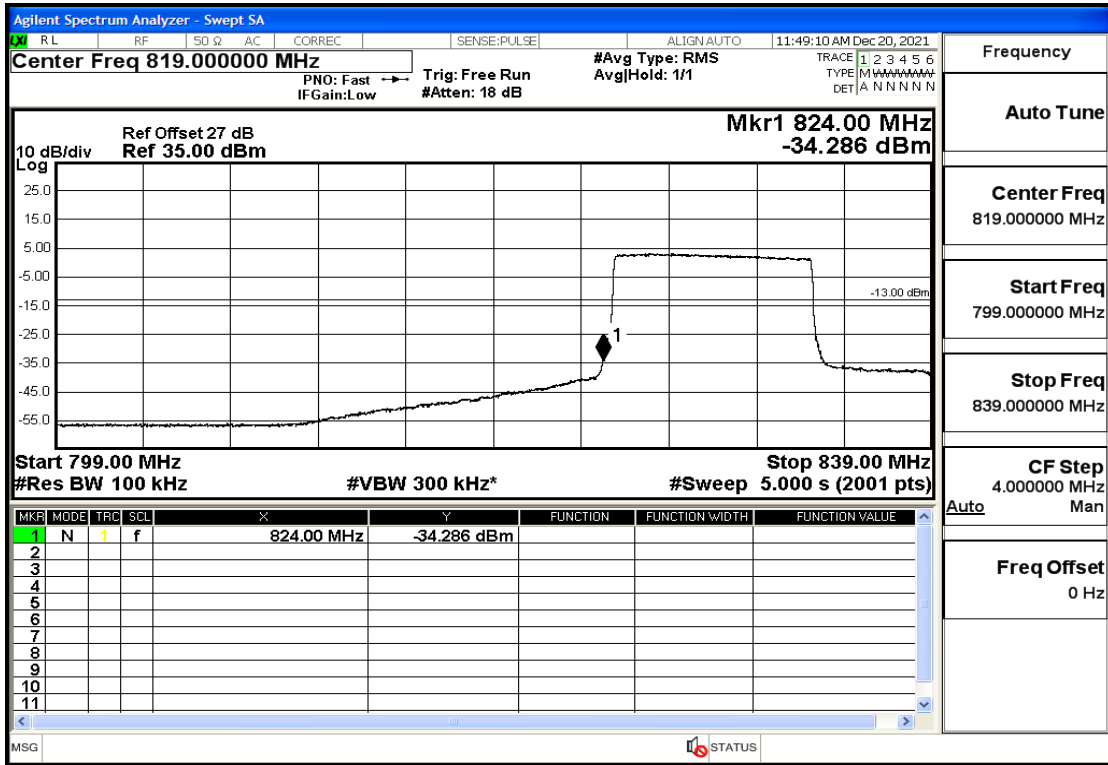
Band5-10-829-QPSK-50#LOW@Pass



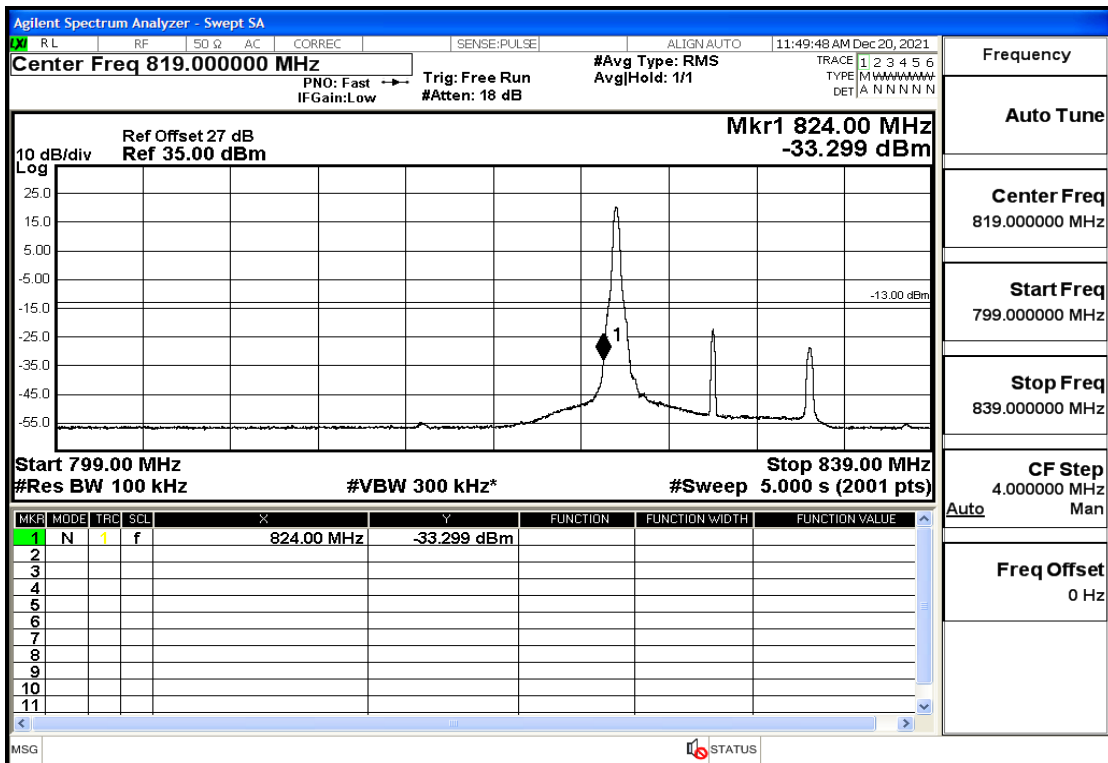
Band5-10-829-QPSK-1#LOW@Pass



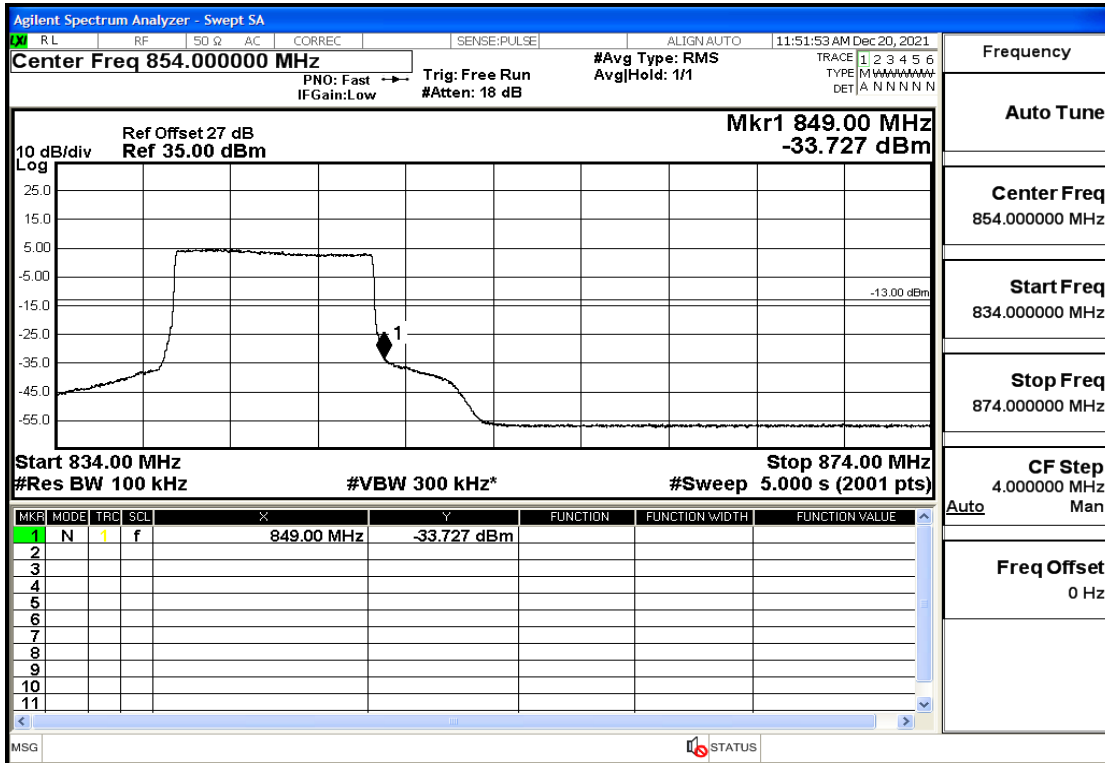
Band5-10-829-16QAM-50#LOW@Pass



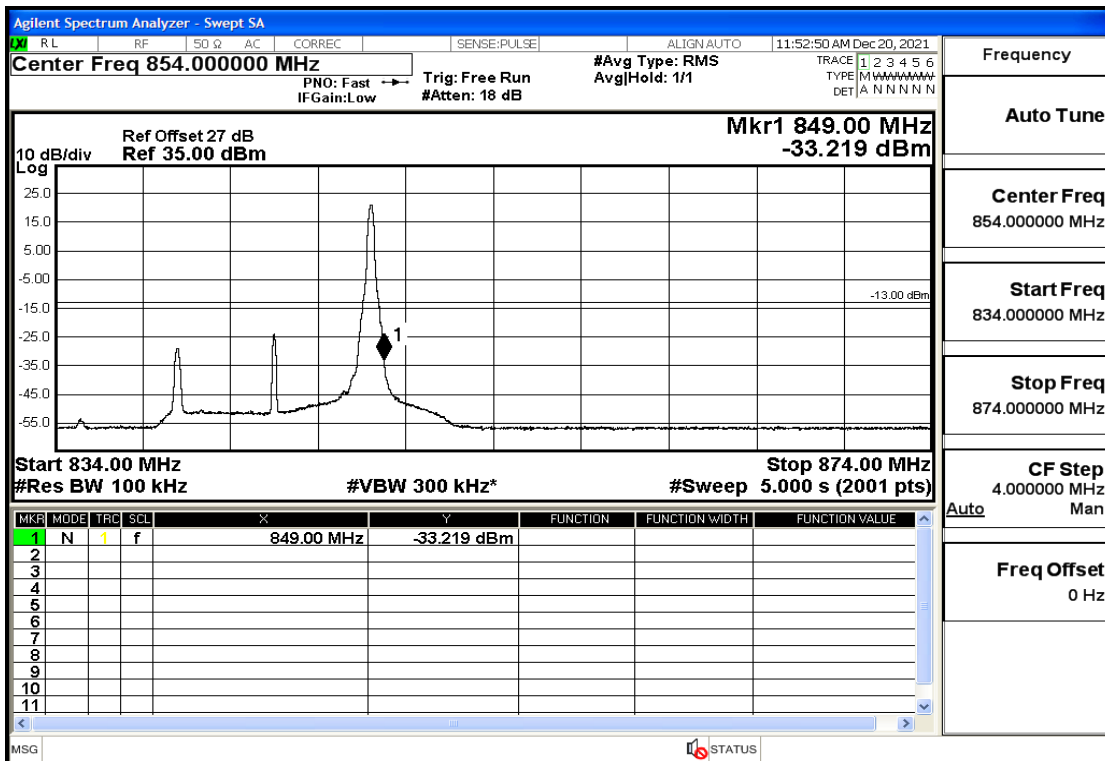
Band5-10-829-16QAM-1#LOW@Pass



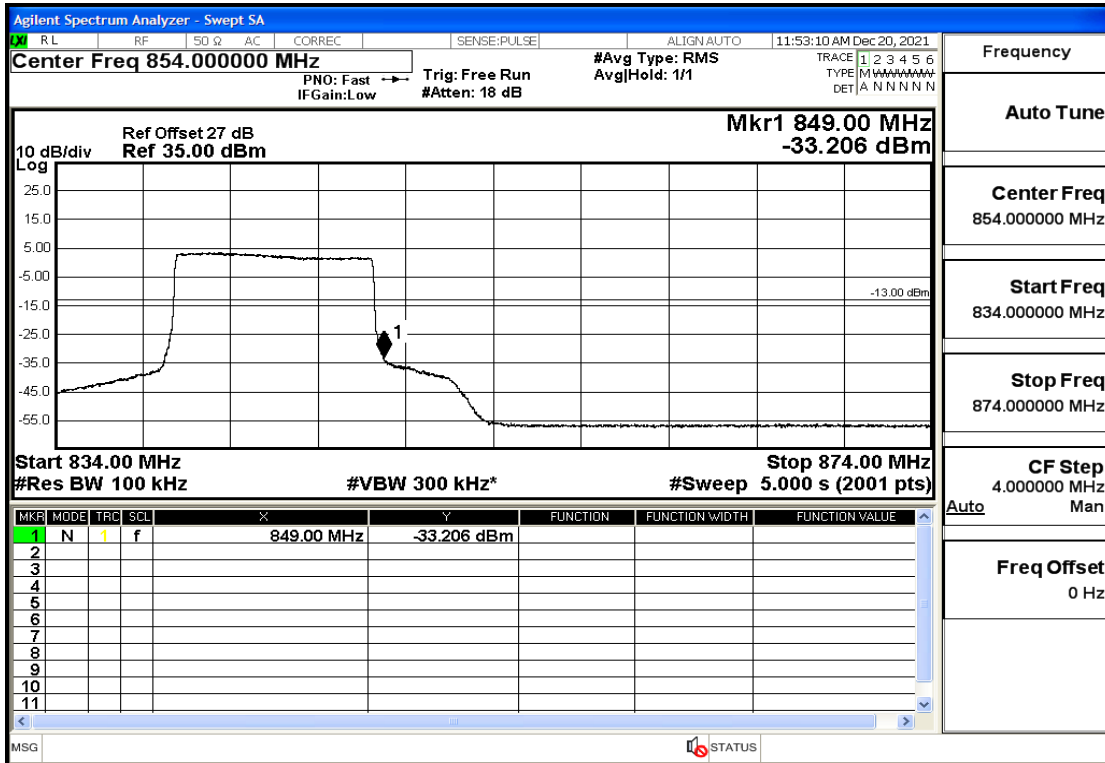
Band5-10-844-QPSK-50#LOW@Pass



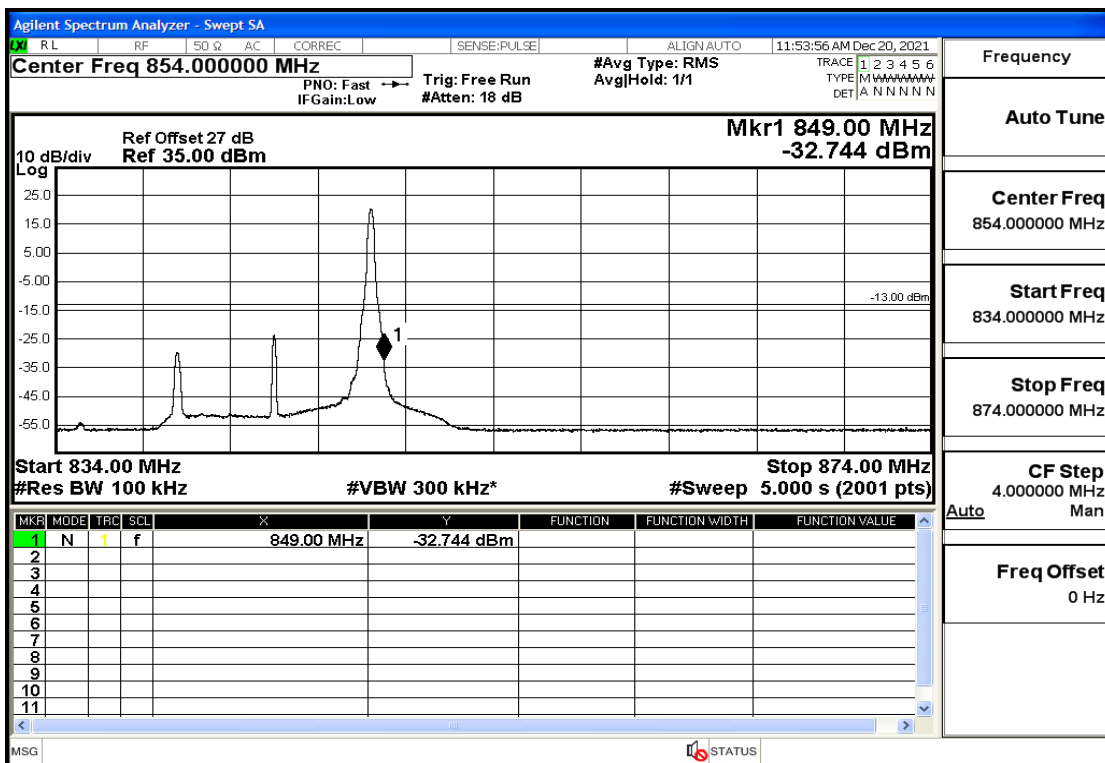
Band5-10-844-QPSK-1#HIGH@Pass



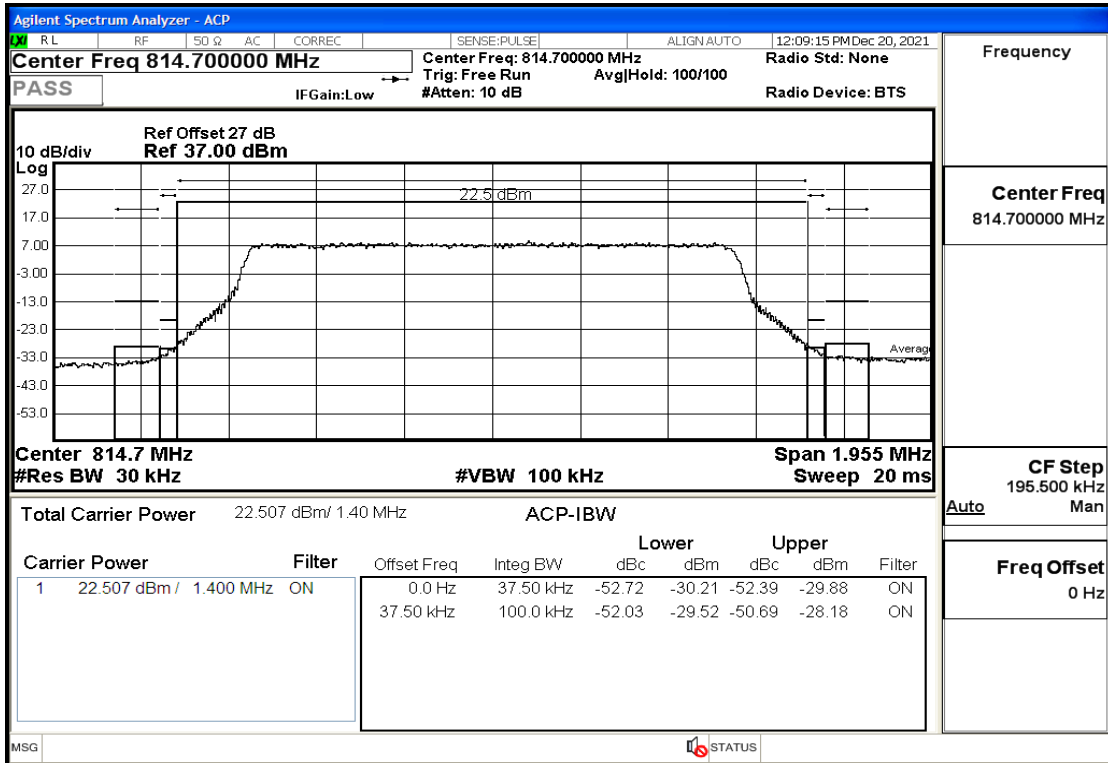
Band5-10-844-16QAM-50#LOW@Pass



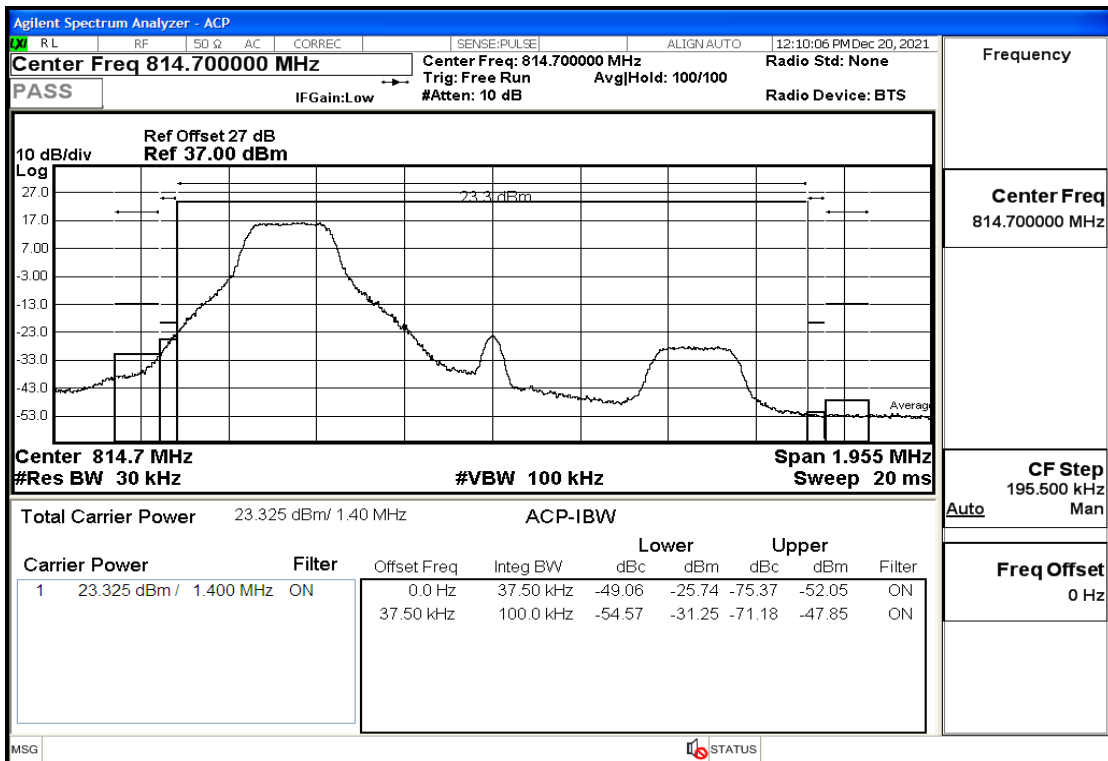
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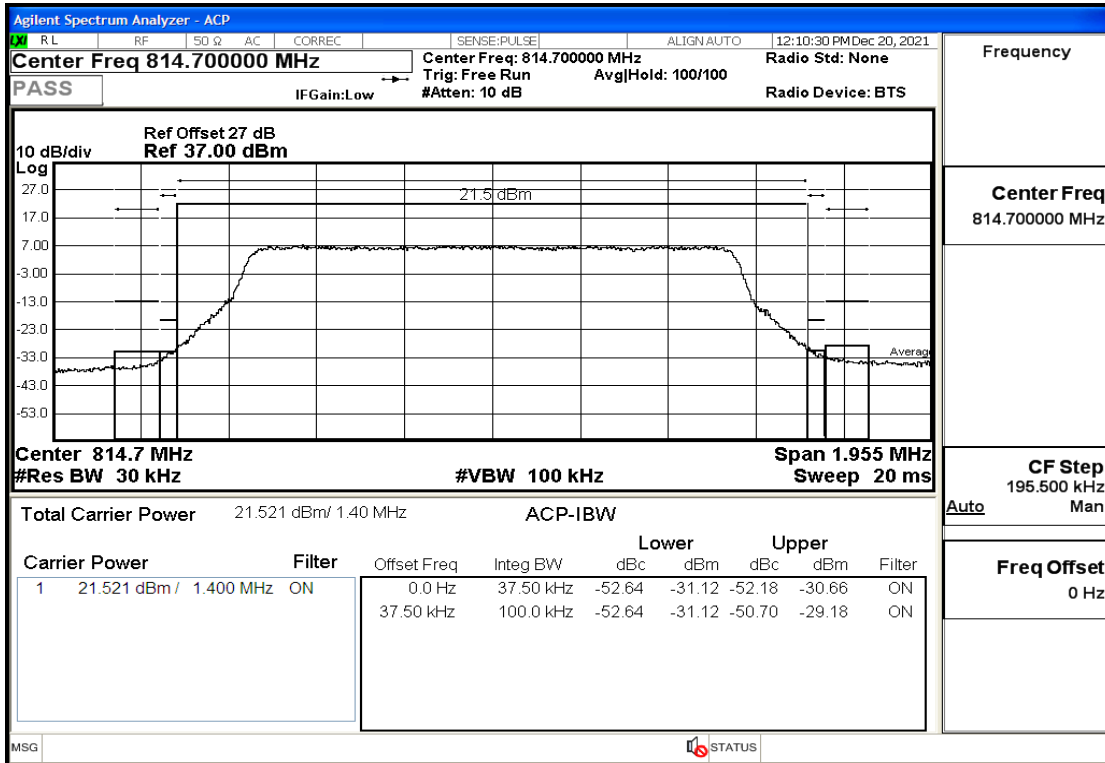
Band26A-1.4-814.7-QPSK-6#LOW@Pass



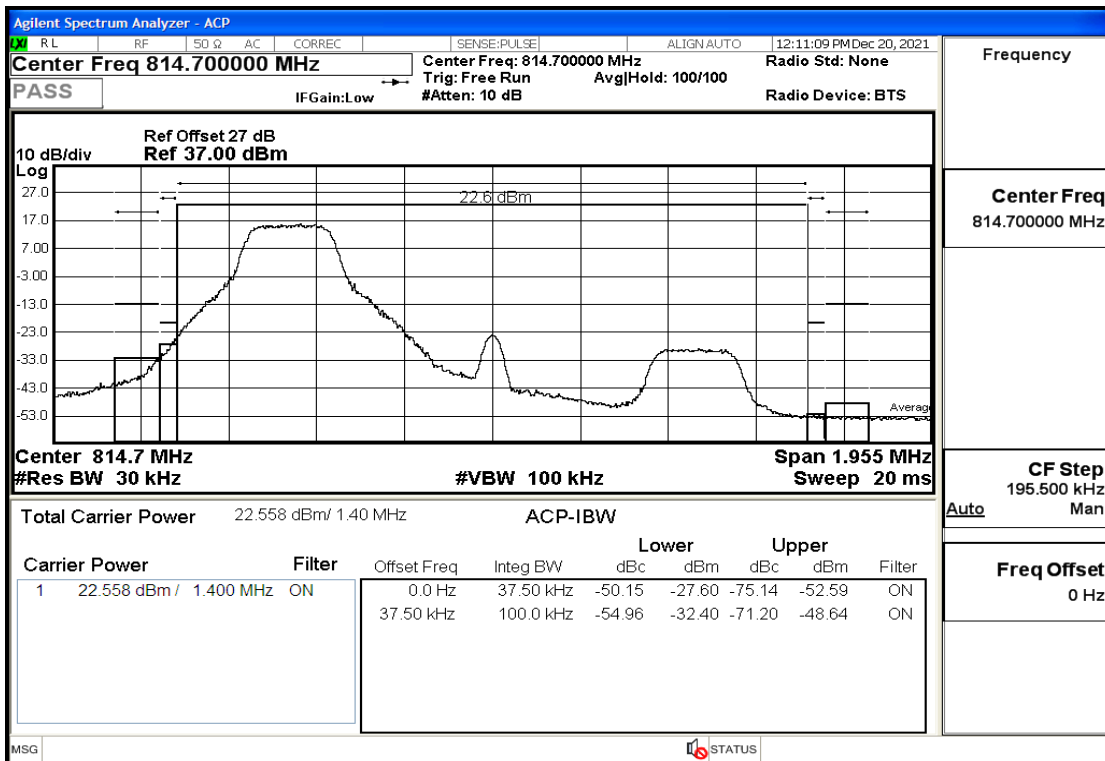
Band26A-1.4-814.7-QPSK-1#LOW@Pass



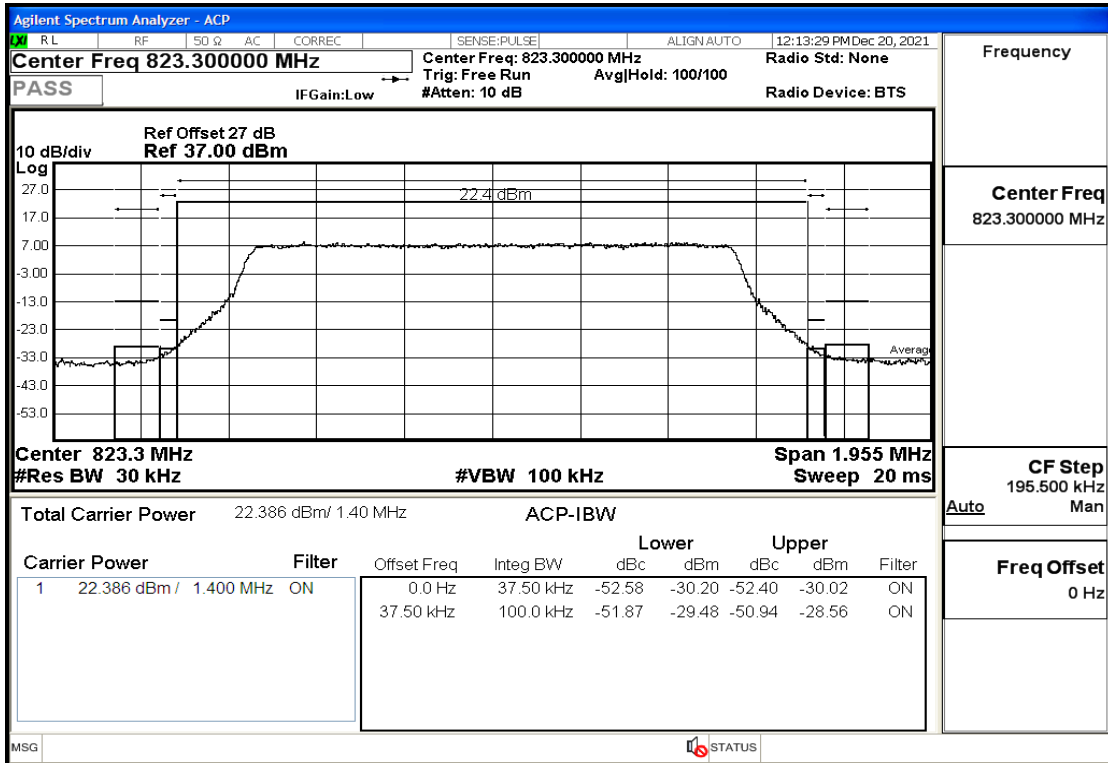
Band26A-1.4-814.7-16QAM-6#LOW@Pass



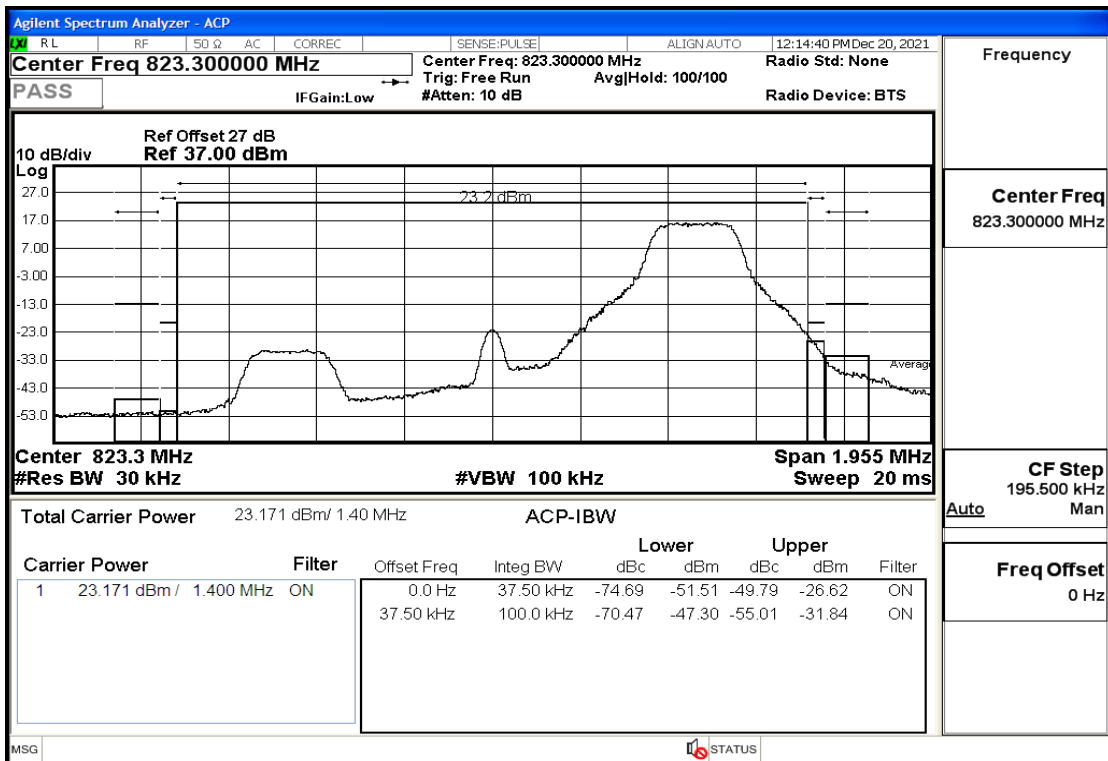
Band26A-1.4-814.7-16QAM-1#LOW@Pass



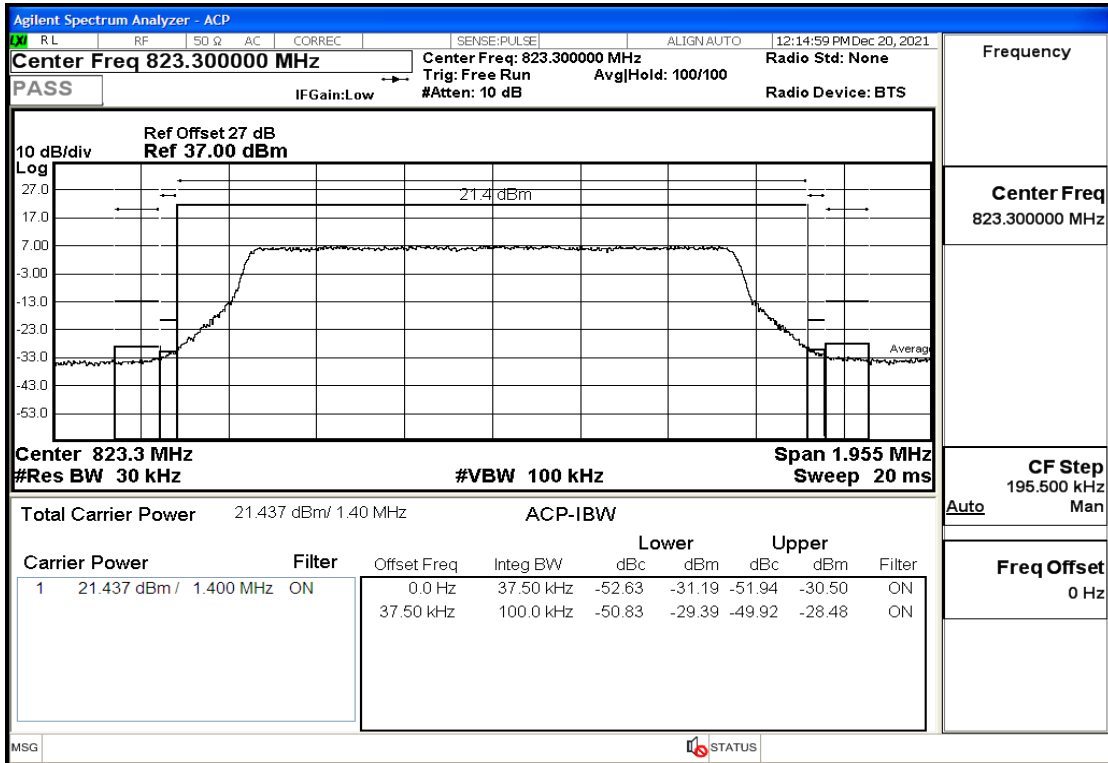
Band26A-1.4-823.3-QPSK-6#LOW@Pass



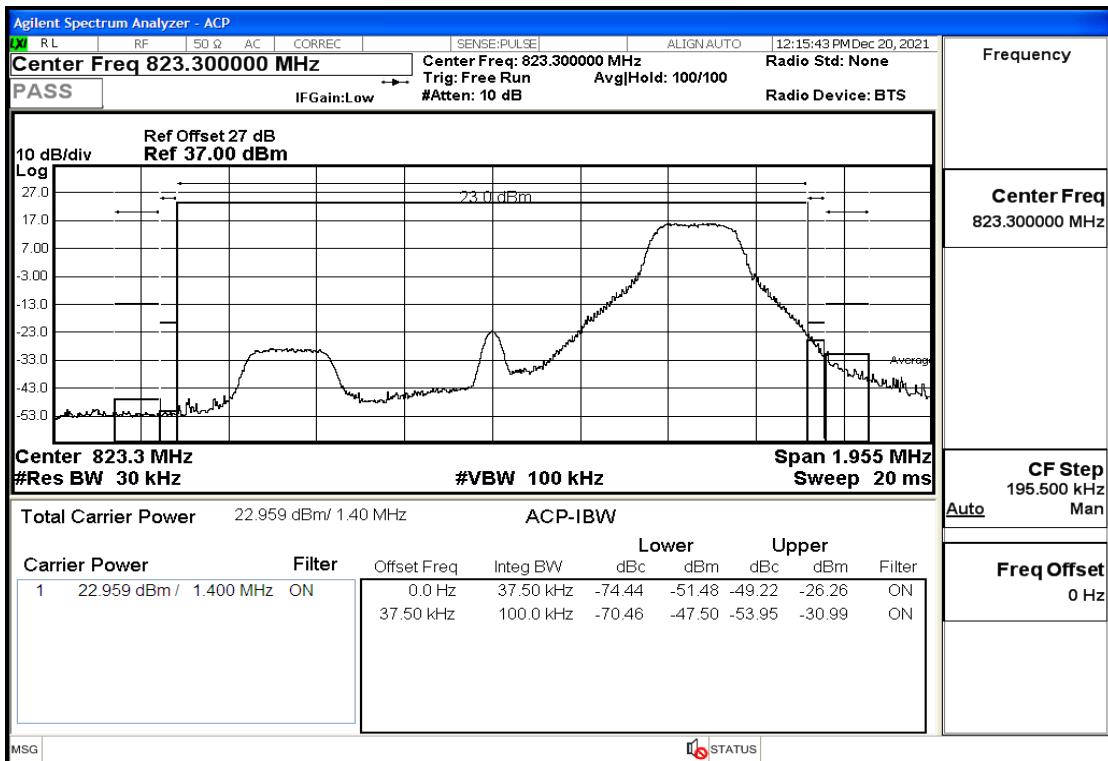
Band26A-1.4-823.3-QPSK-1#HIGH@Pass



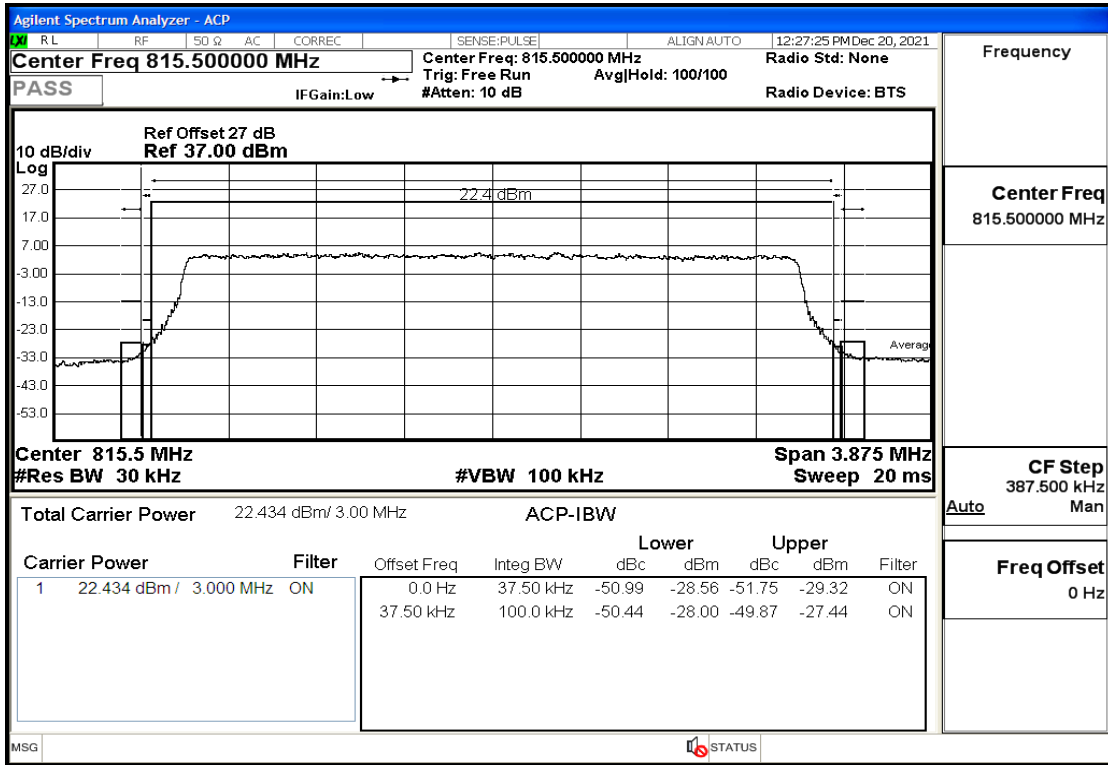
Band26A-1.4-823.3-16QAM-6#LOW@Pass



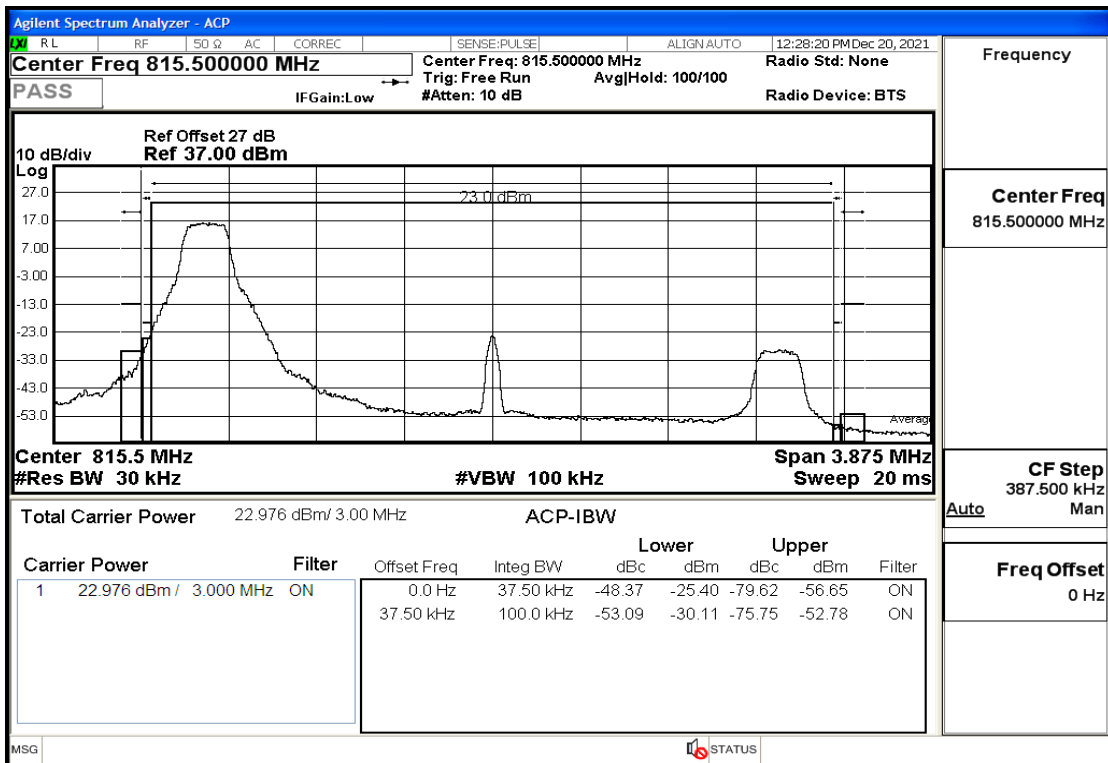
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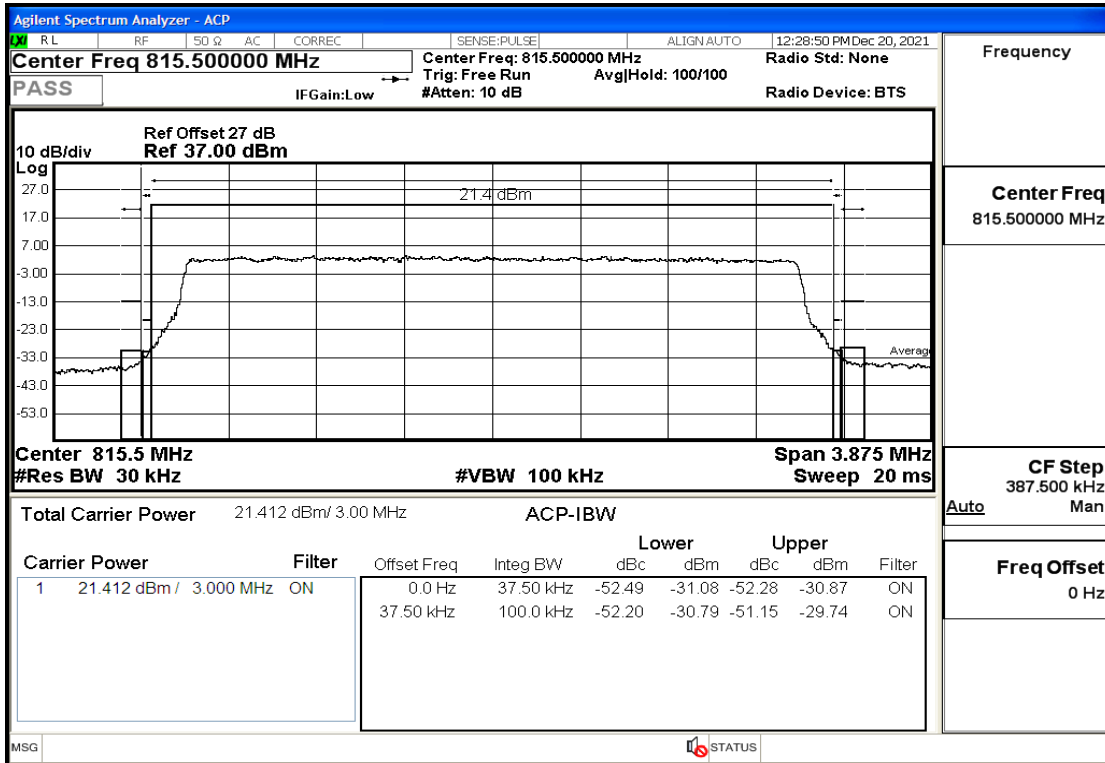
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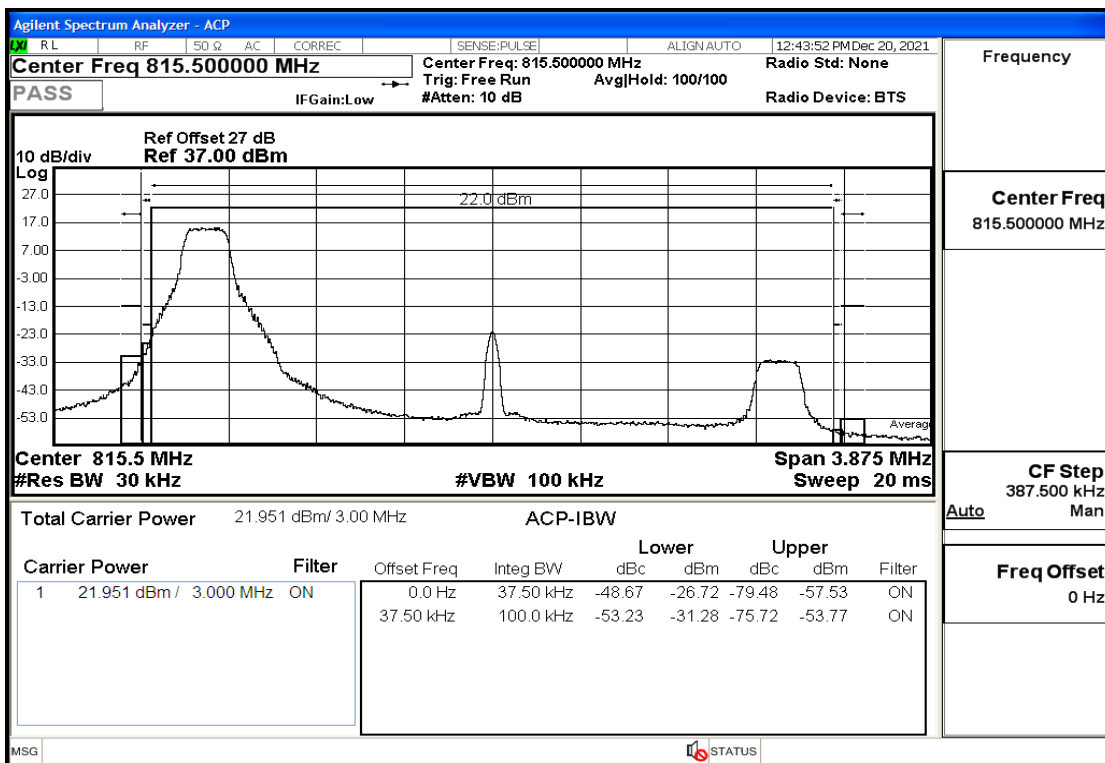
Band26A-3-815.5-QPSK-1#LOW@Pass



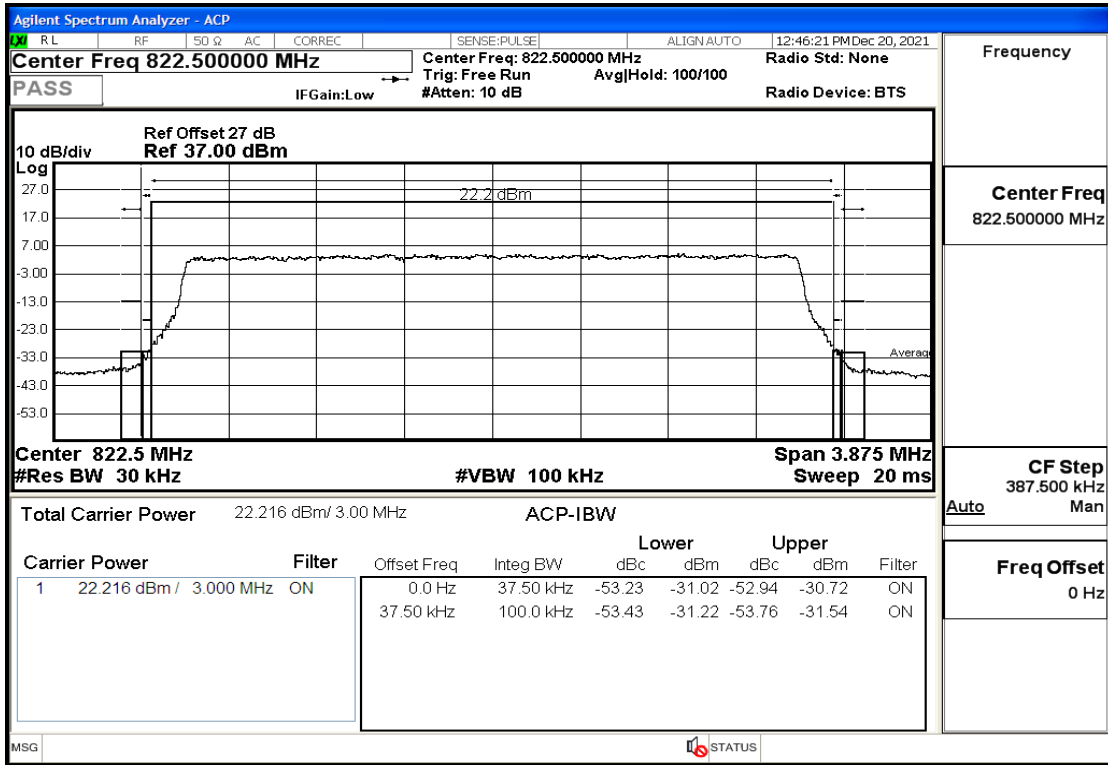
Band26A-3-815.5-16QAM-15#LOW@Pass



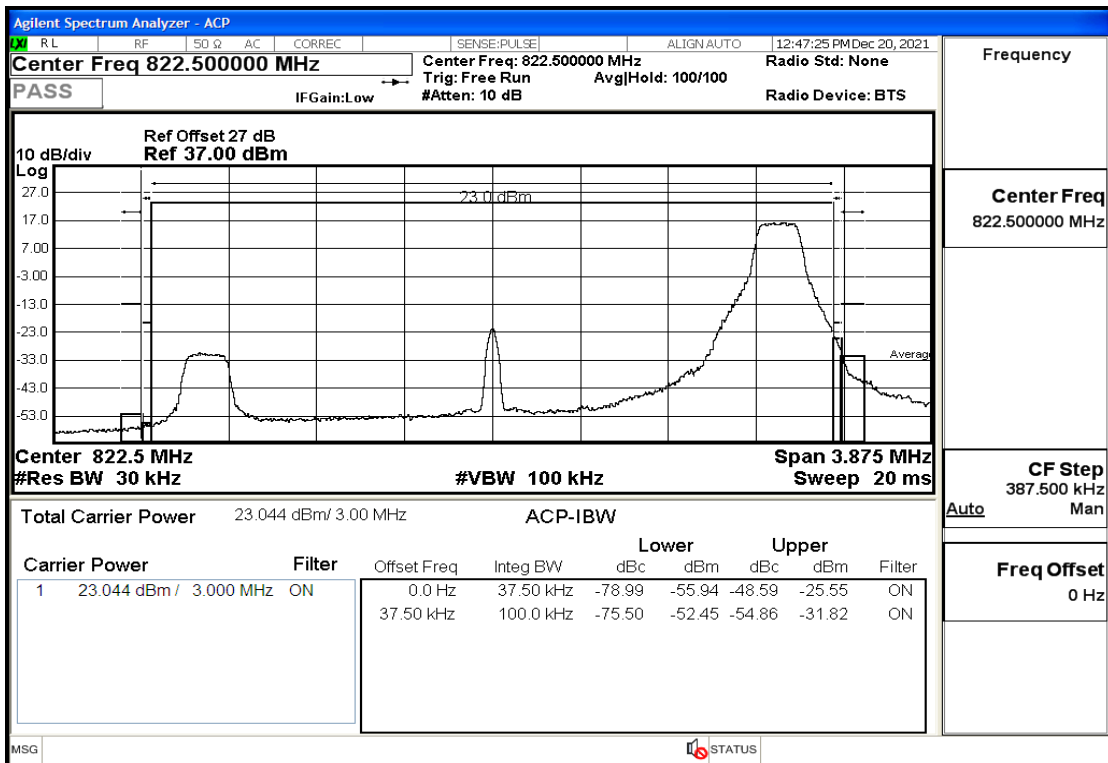
Band26A-3-815.5-16QAM-1#LOW@Pass



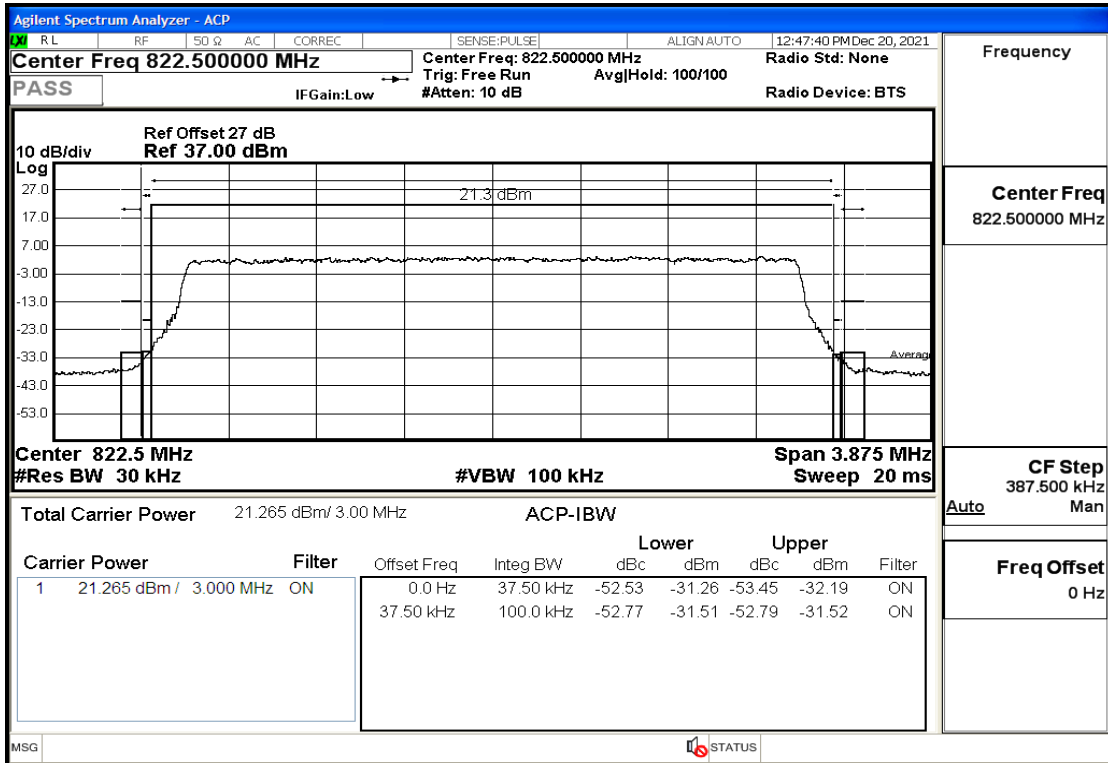
Band26A-3-822.5-QPSK-15#LOW@Pass



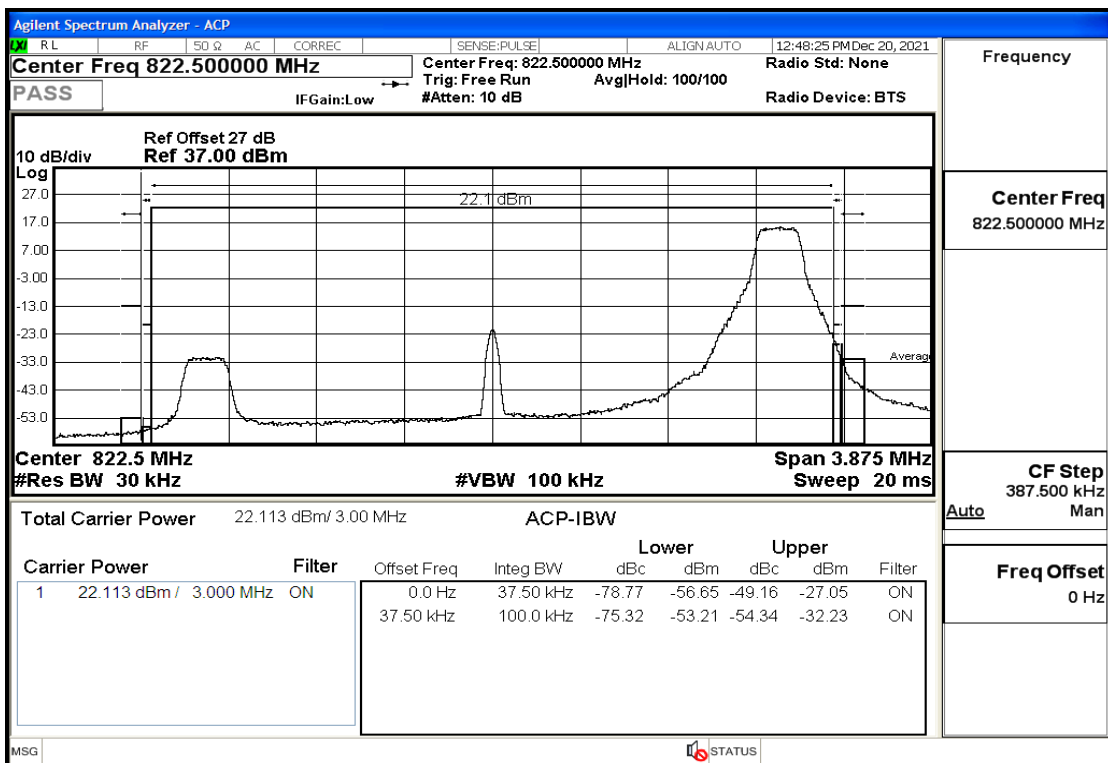
Band26A-3-822.5-QPSK-1#HIGH@Pass



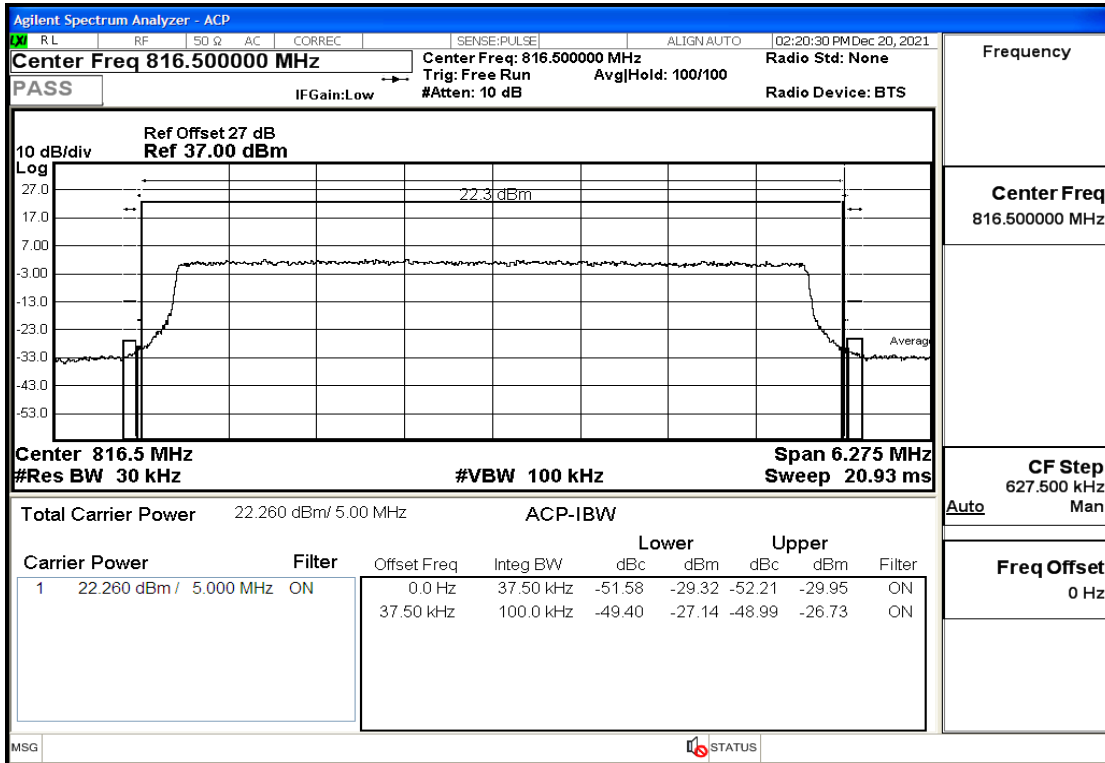
Band26A-3-822.5-16QAM-15#LOW@Pass



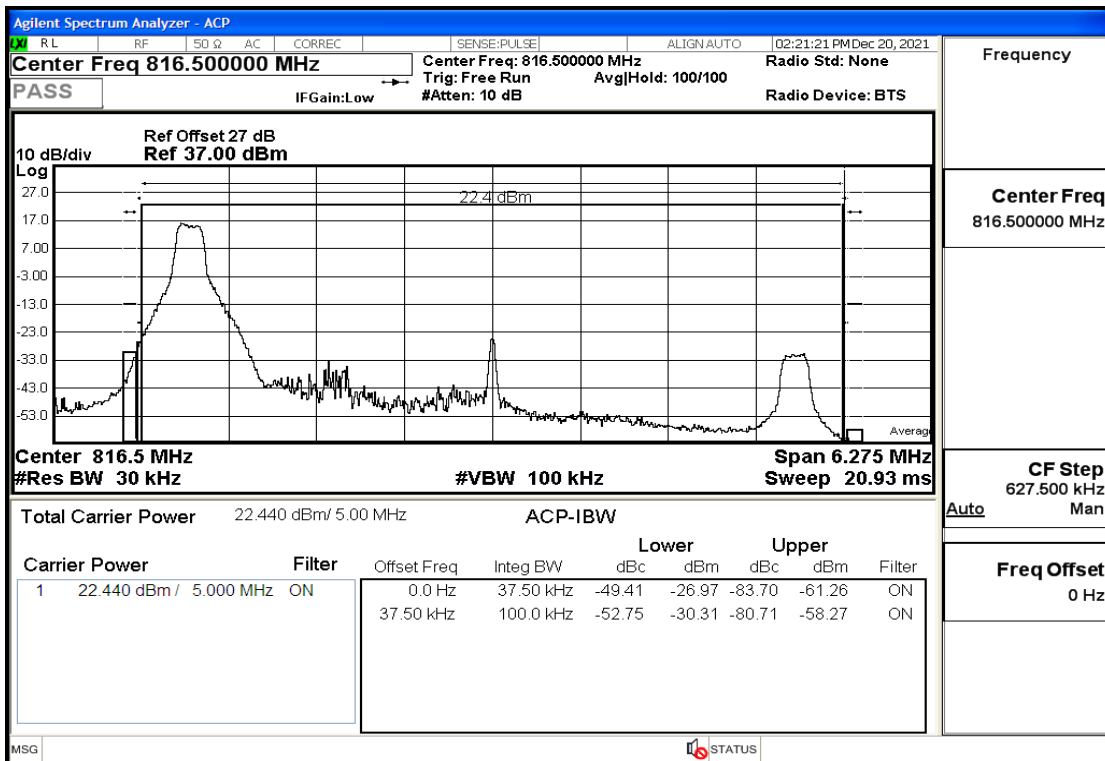
Band26A-3-822.5-16QAM-1#HIGH@Pass



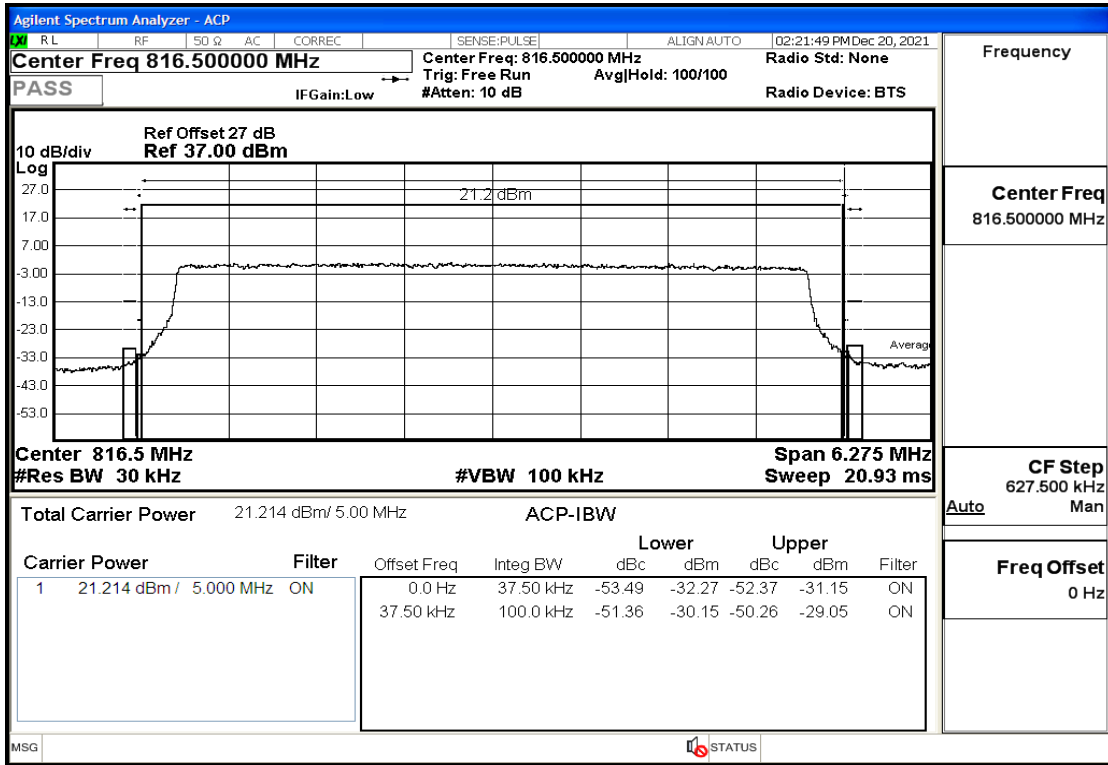
Band26A-5-816.5-QPSK-25#LOW@Pass



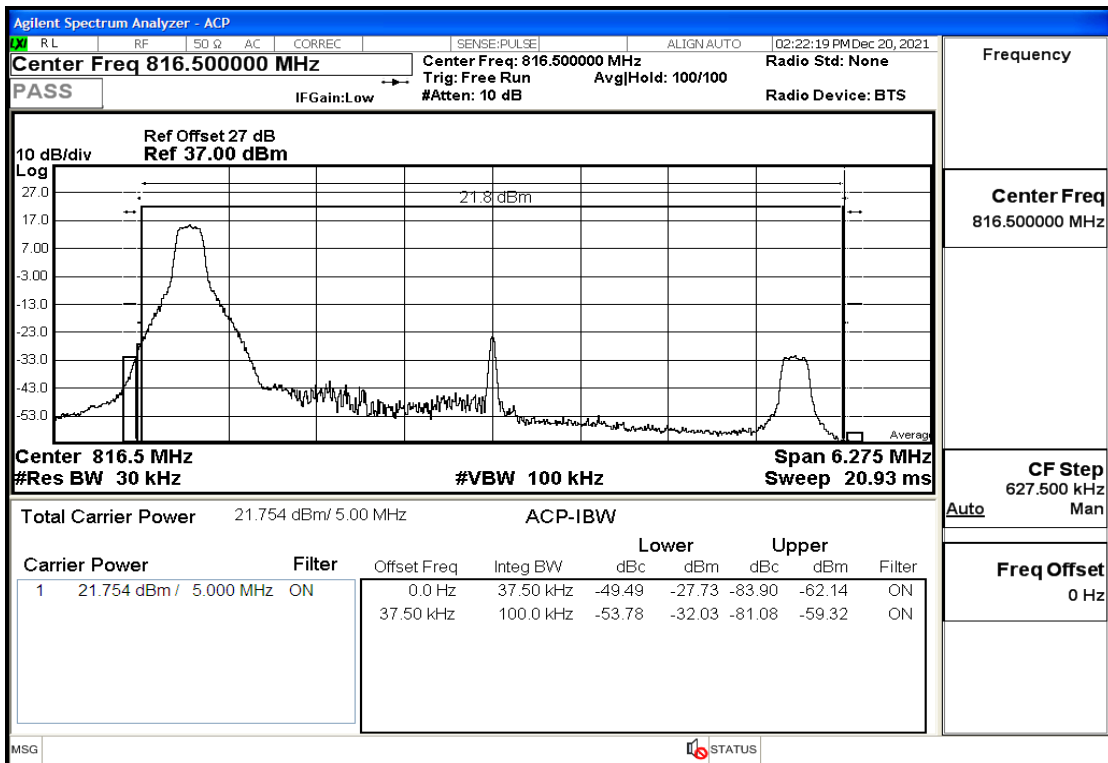
Band26A-5-816.5-QPSK-1#LOW@Pass



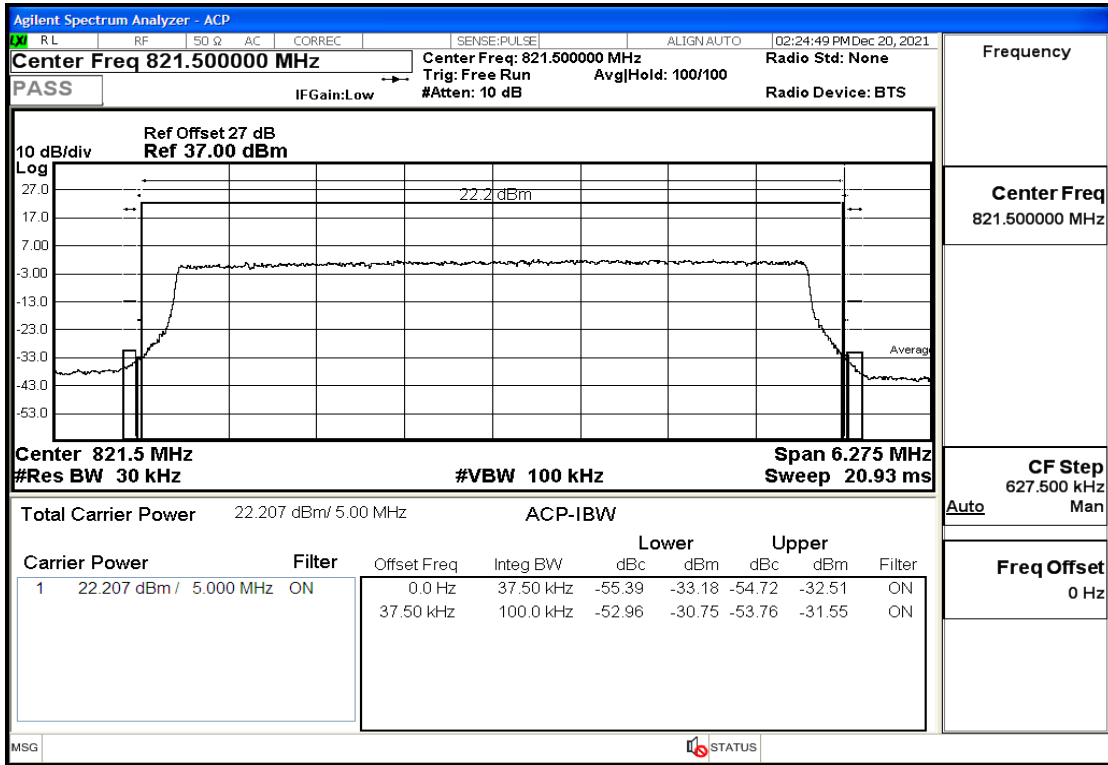
Band26A-5-816.5-16QAM-25#LOW@Pass



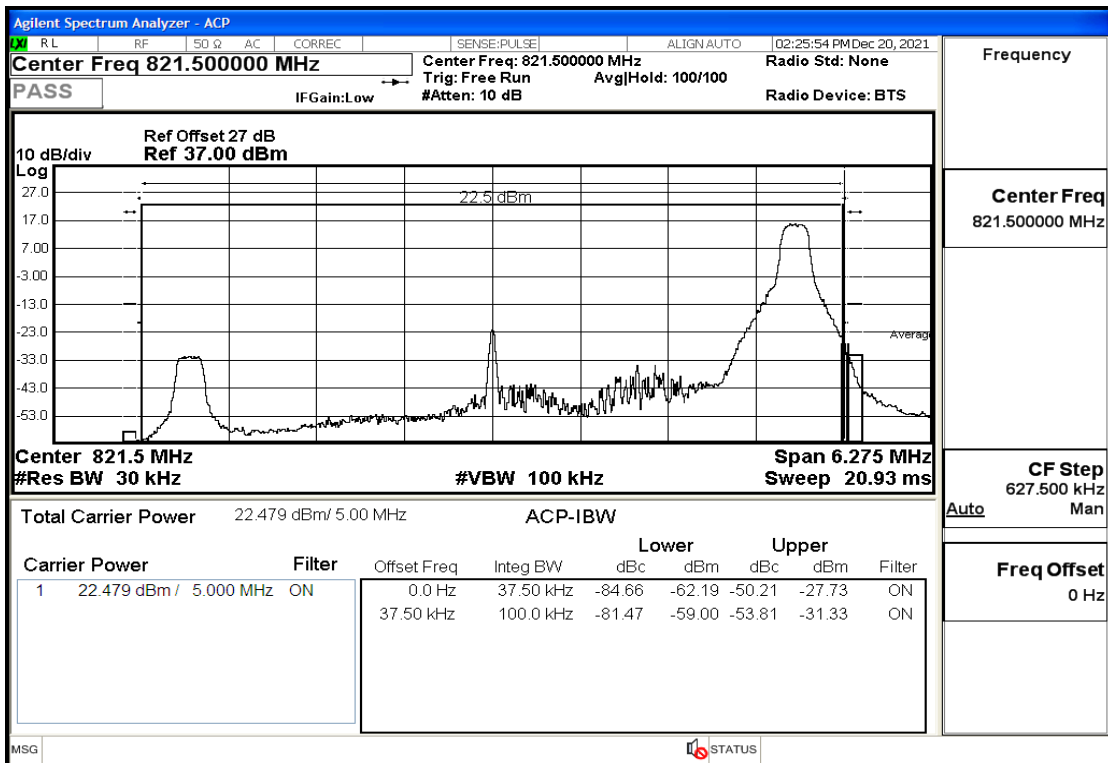
Band26A-5-816.5-16QAM-1#LOW@Pass



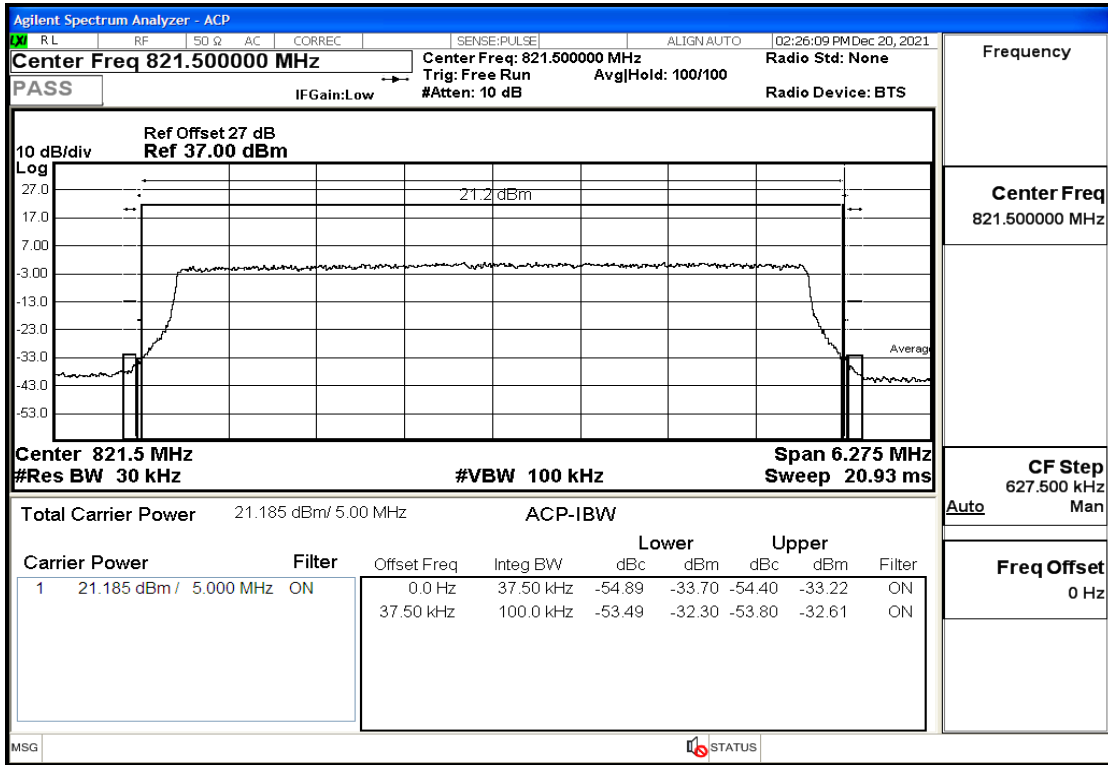
Band26A-5-821.5-QPSK-25#LOW@Pass



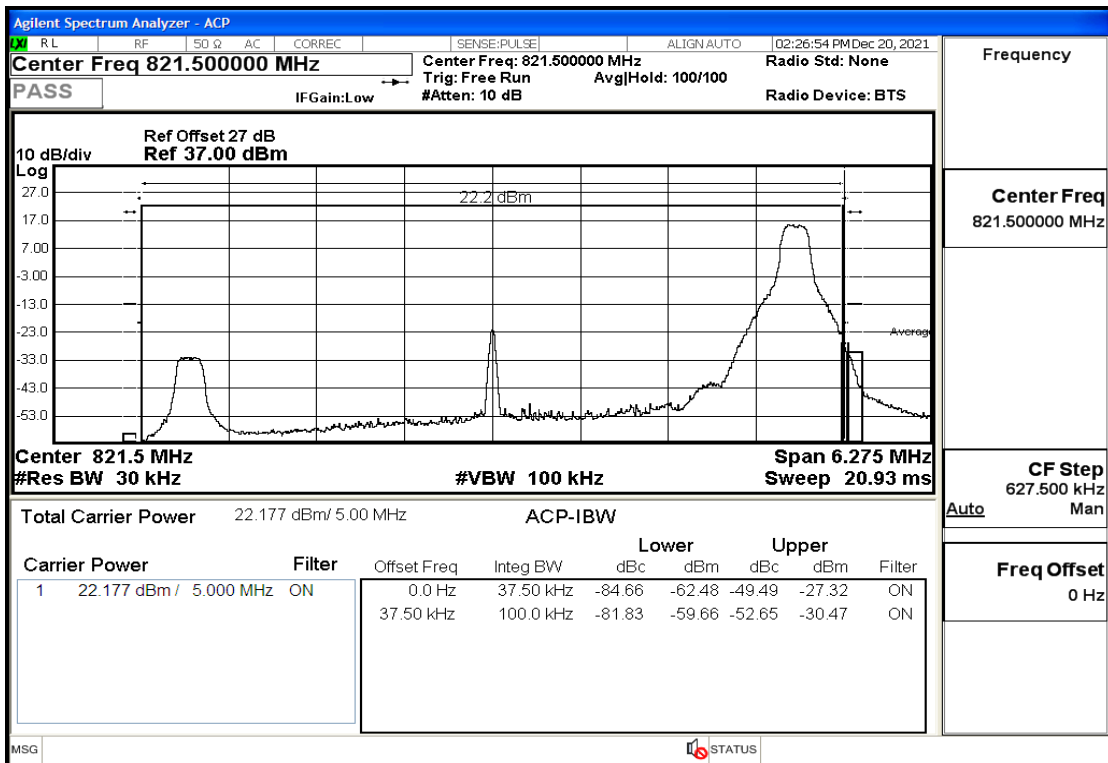
Band26A-5-821.5-QPSK-1#HIGH@Pass



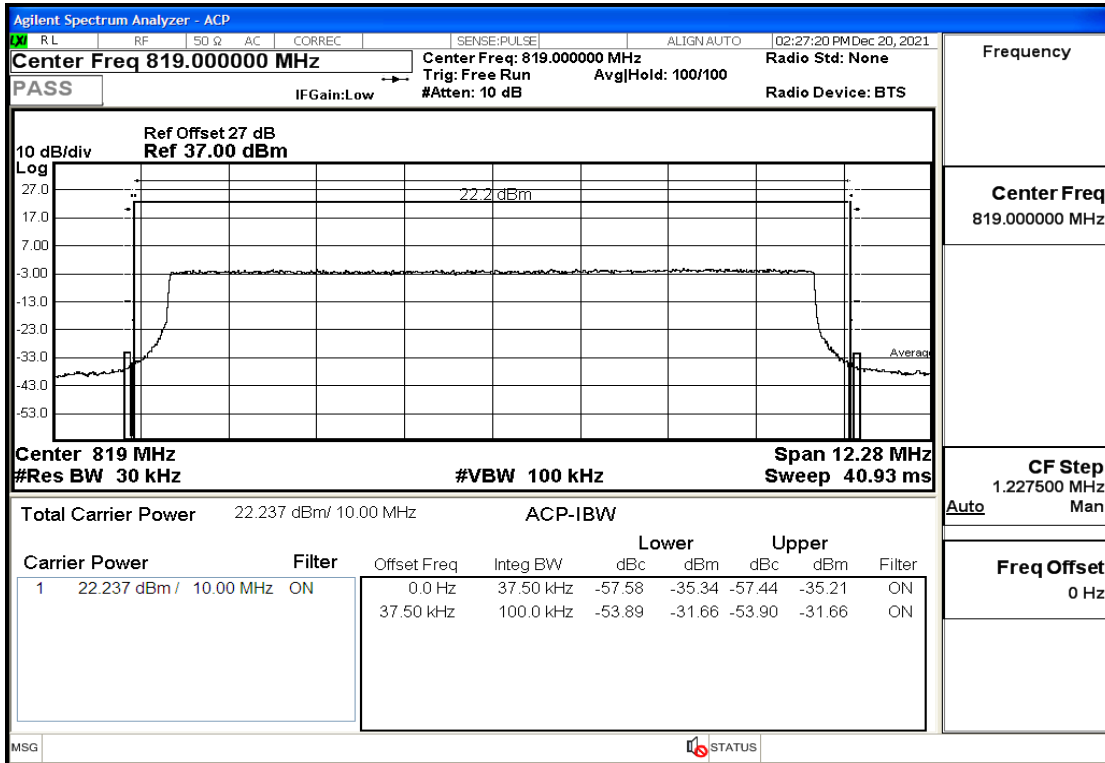
Band26A-5-821.5-16QAM-25#LOW@Pass



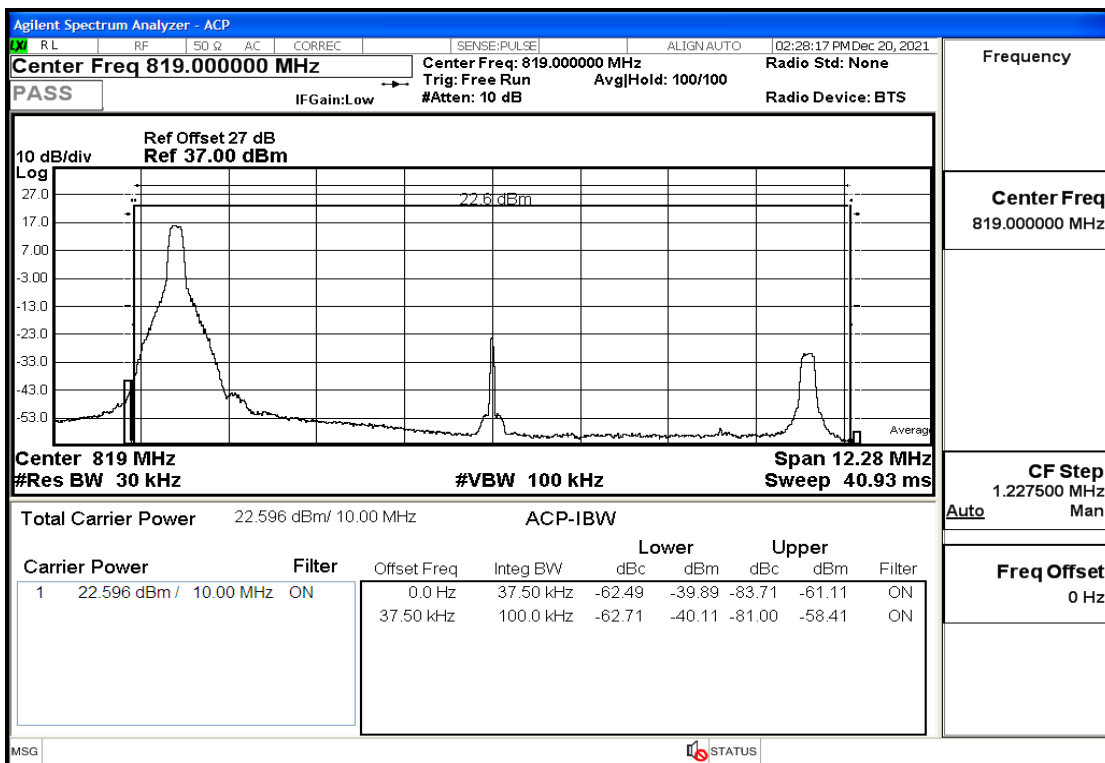
Band26A-5-821.5-16QAM-1#HIGH@Pass



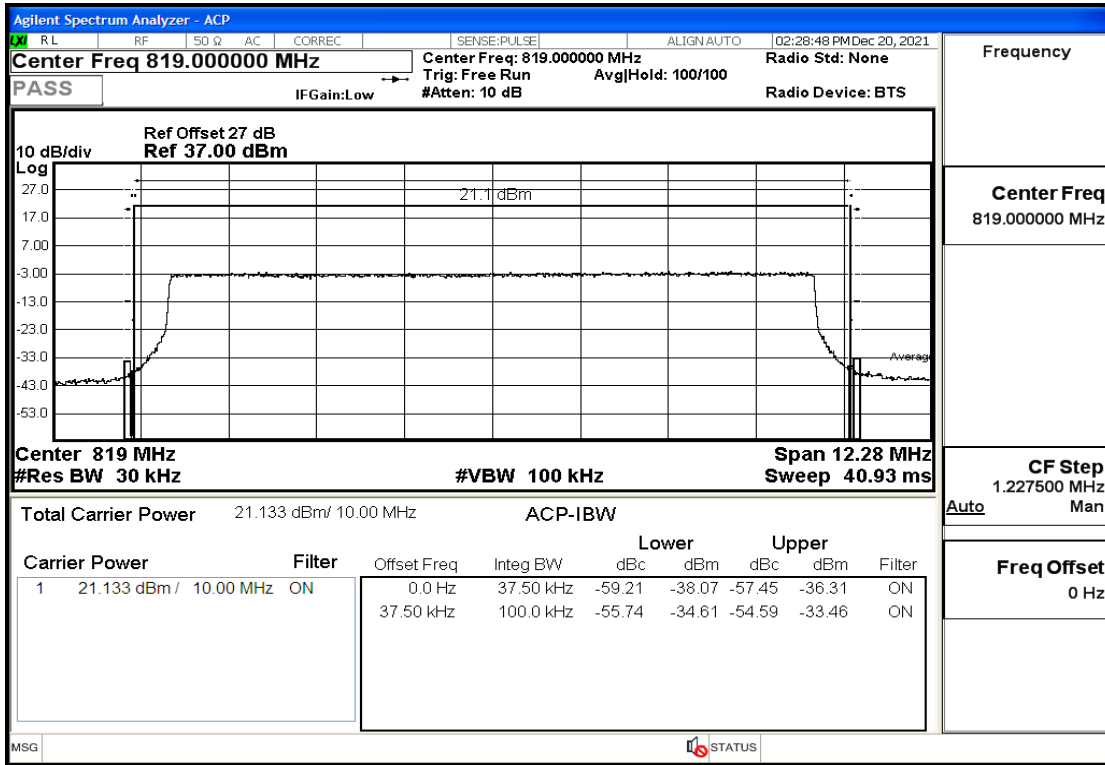
Band26A-10-819-QPSK-50#LOW@Pass



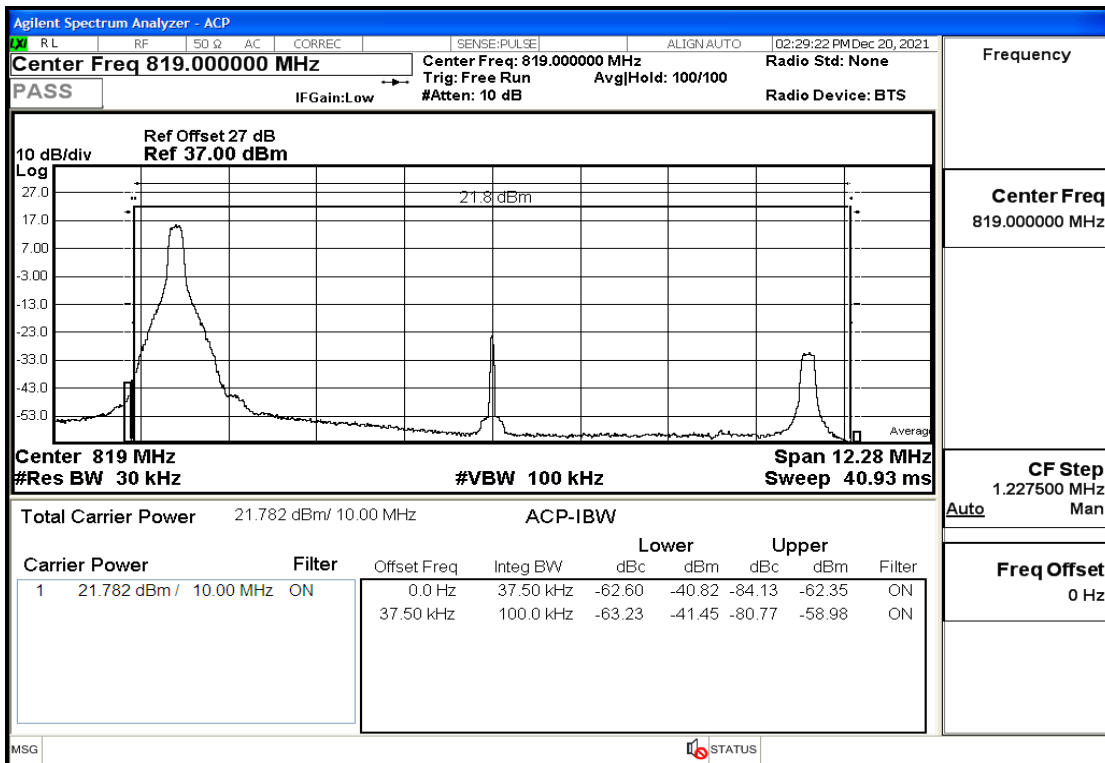
Band26A-10-819-QPSK-1#LOW@Pass



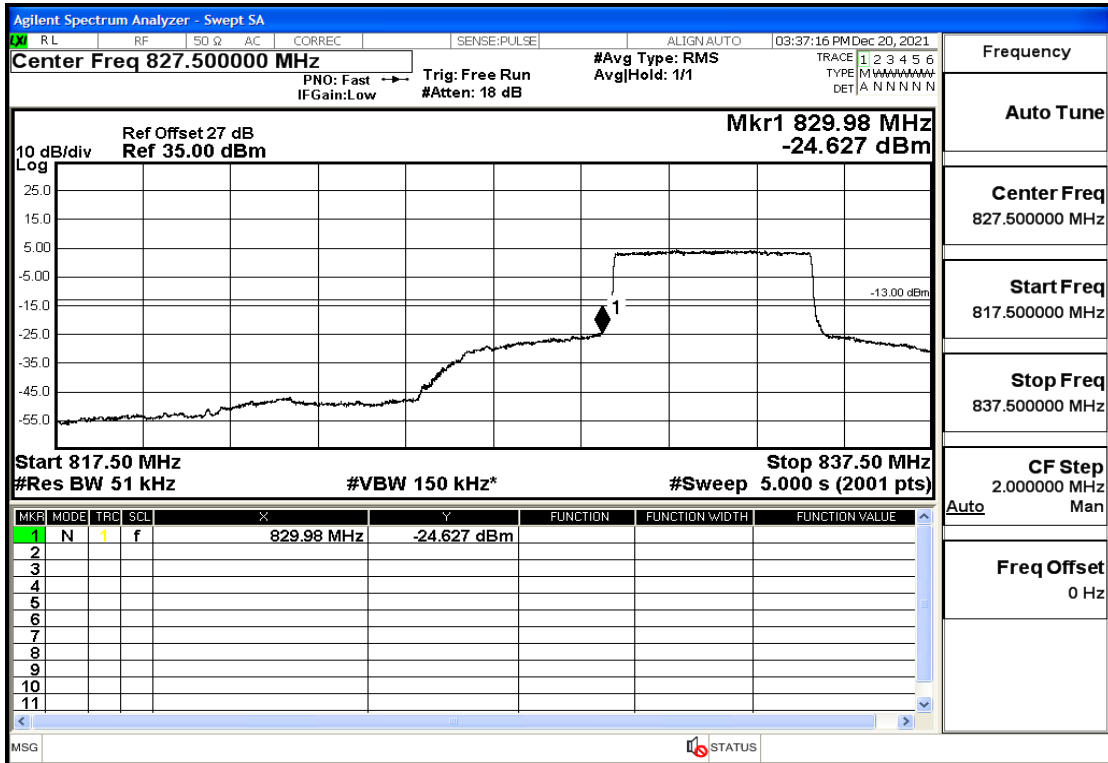
Band26A-10-819-16QAM-50#LOW@Pass



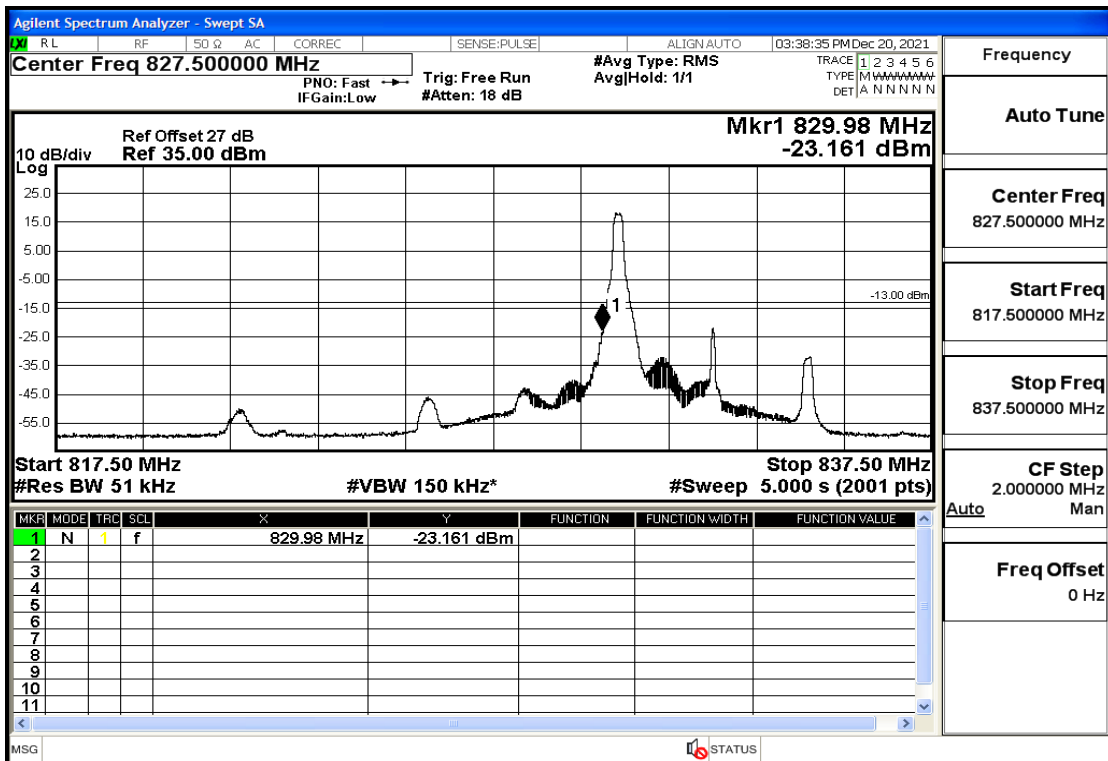
Band26A-10-819-16QAM-1#LOW@Pass



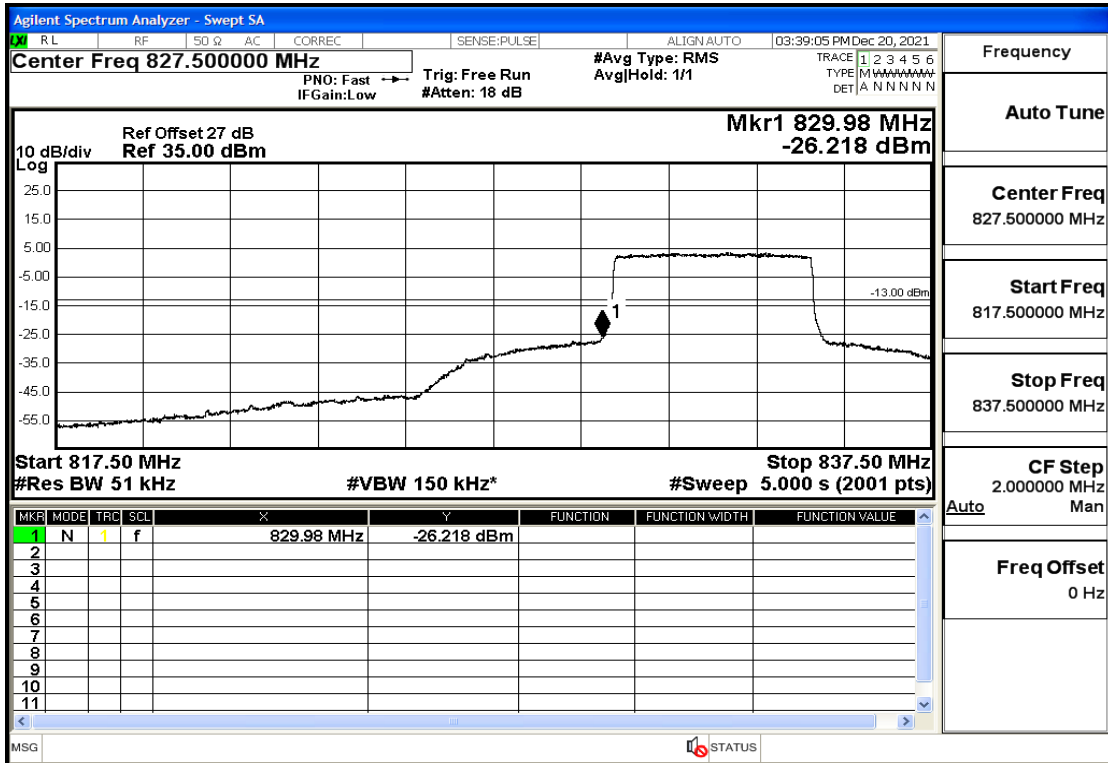
Band19-5-832.5-QPSK-25#LOW@Pass



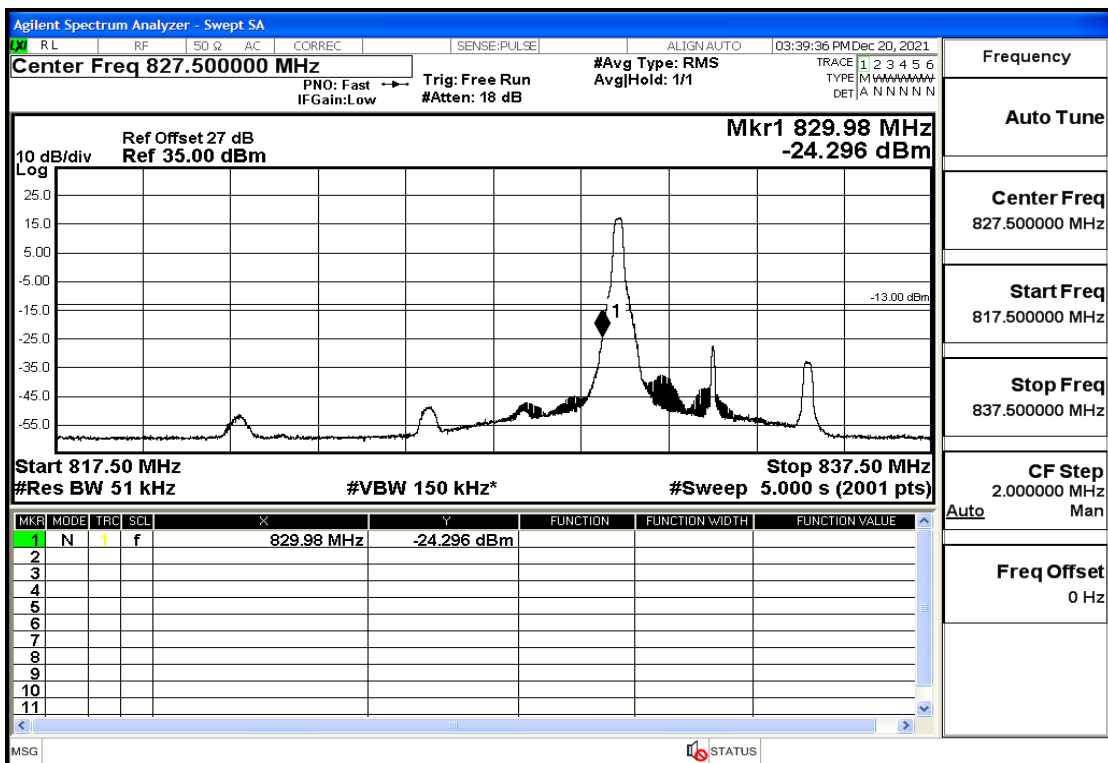
Band19-5-832.5-QPSK-1#LOW@Pass



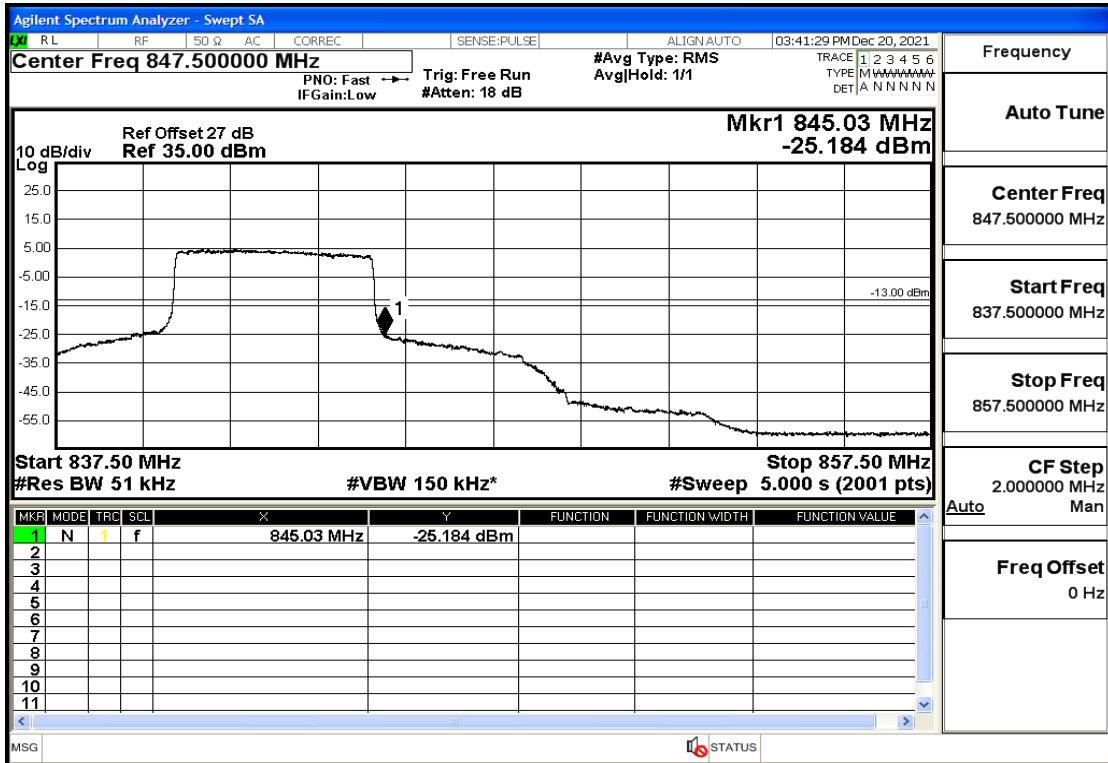
Band19-5-832.5-16QAM-25#LOW@Pass



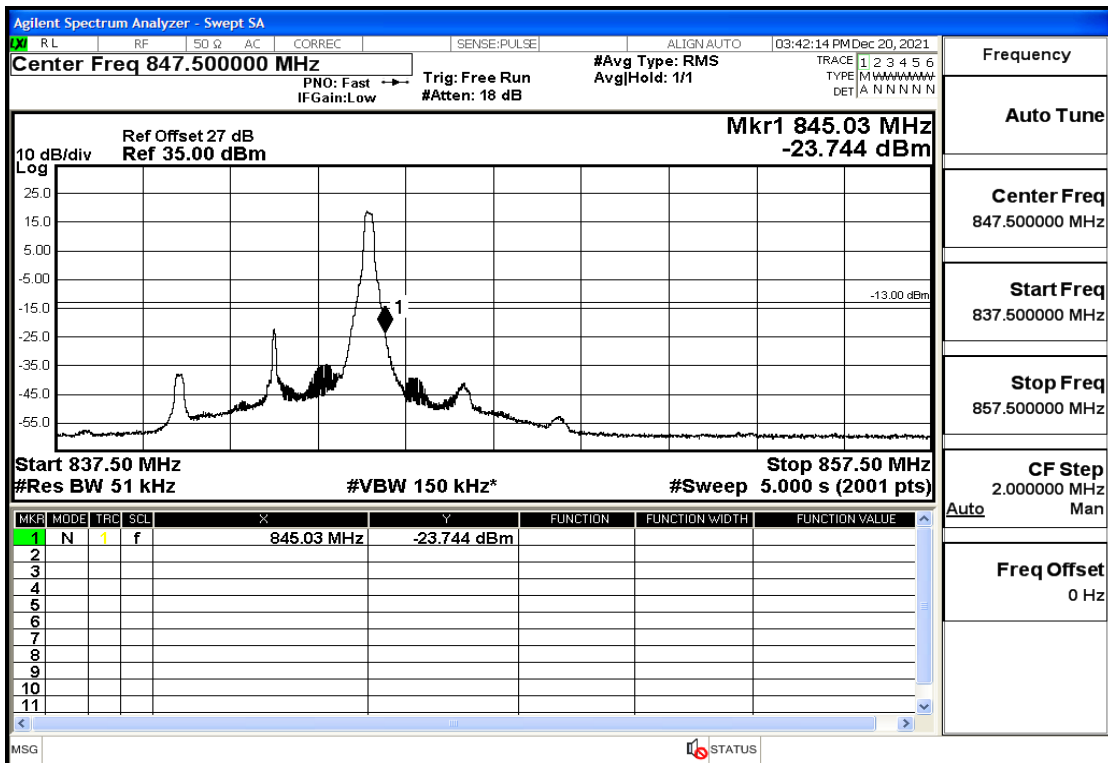
Band19-5-832.5-16QAM-1#LOW@Pass



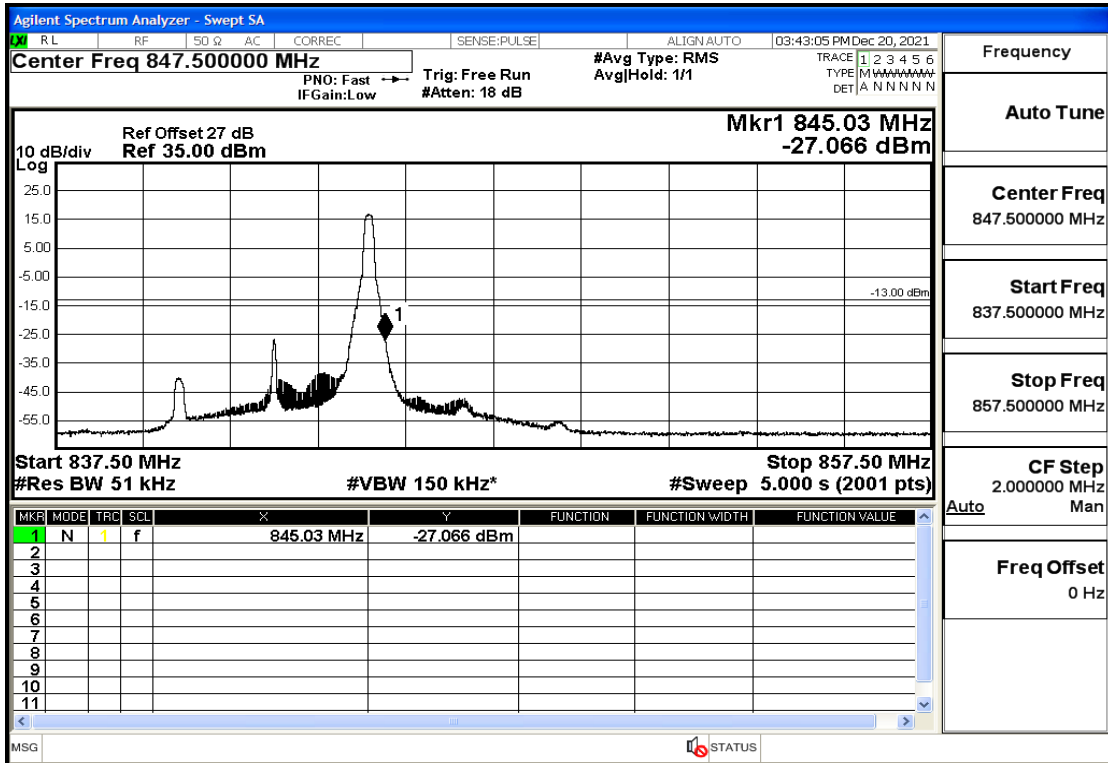
Band19-5-842.5-QPSK-25#LOW@Pass



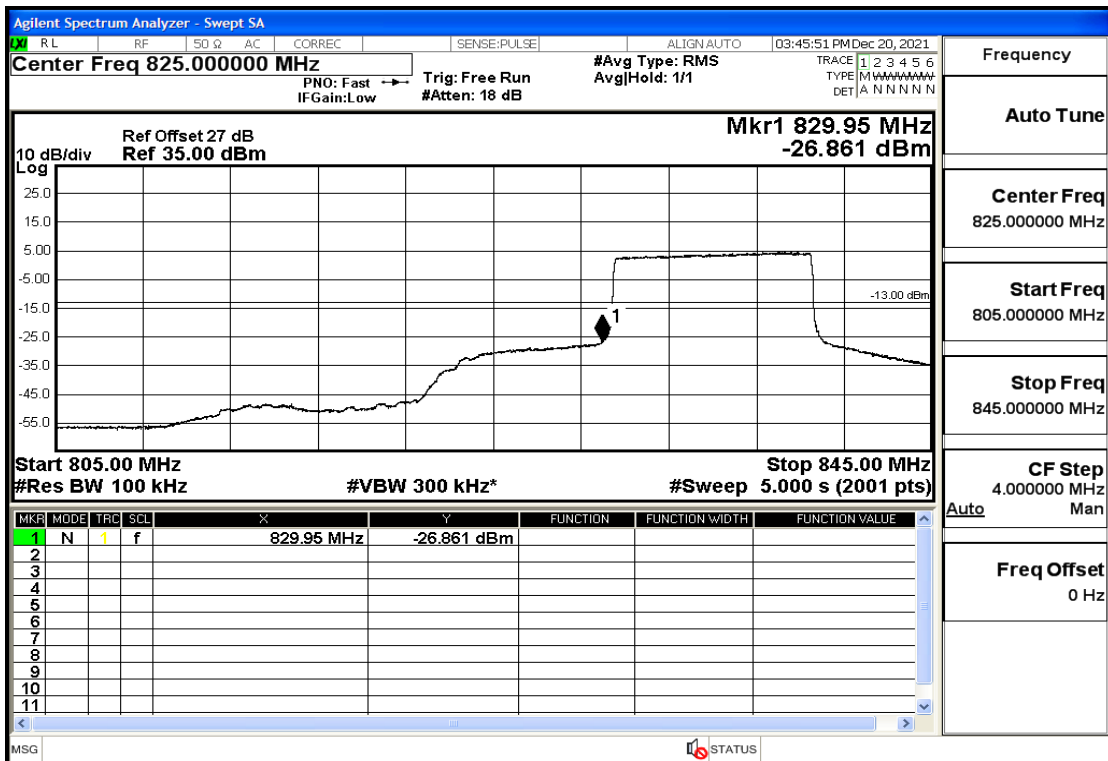
Band19-5-842.5-QPSK-1#HIGH@Pass



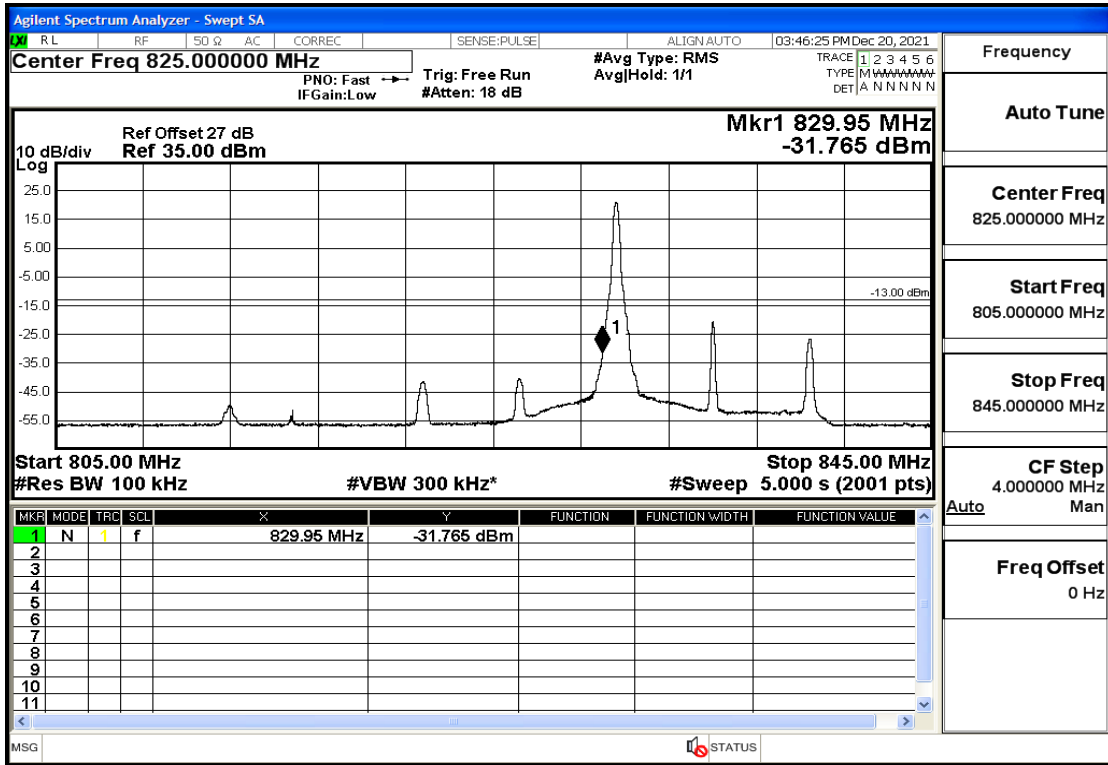
Band19-5-842.5-16QAM-1#HIGH@Pass



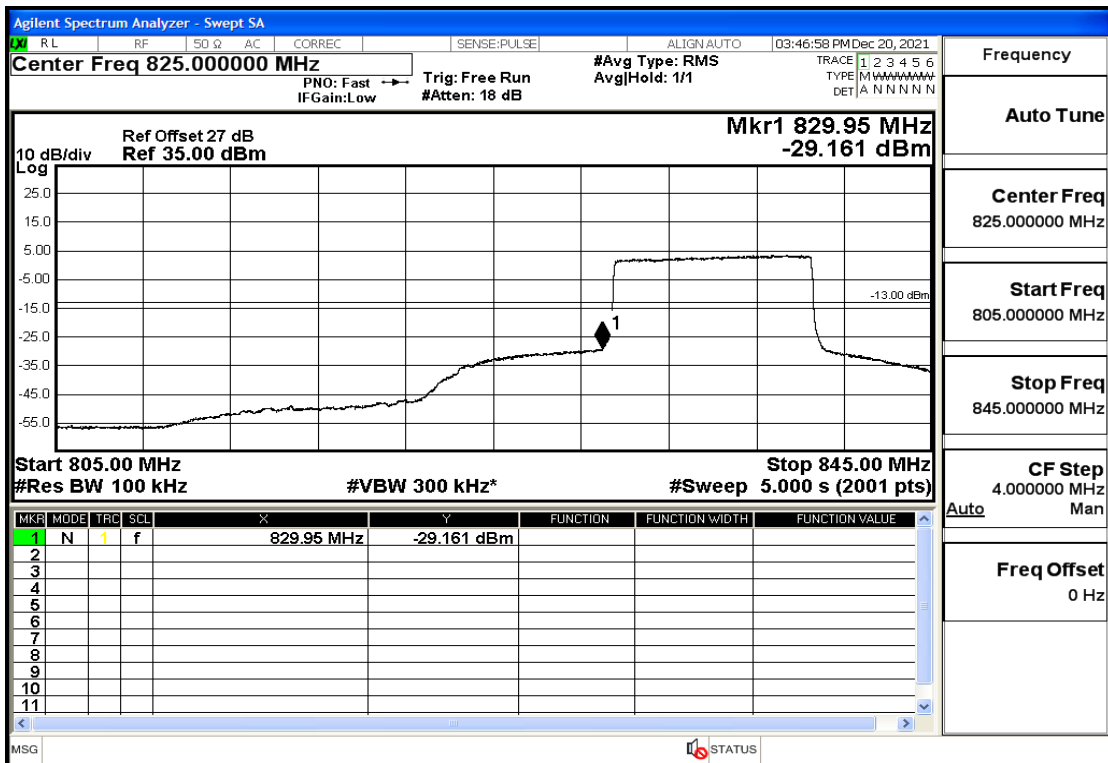
Band19-10-835-QPSK-50#LOW@Pass



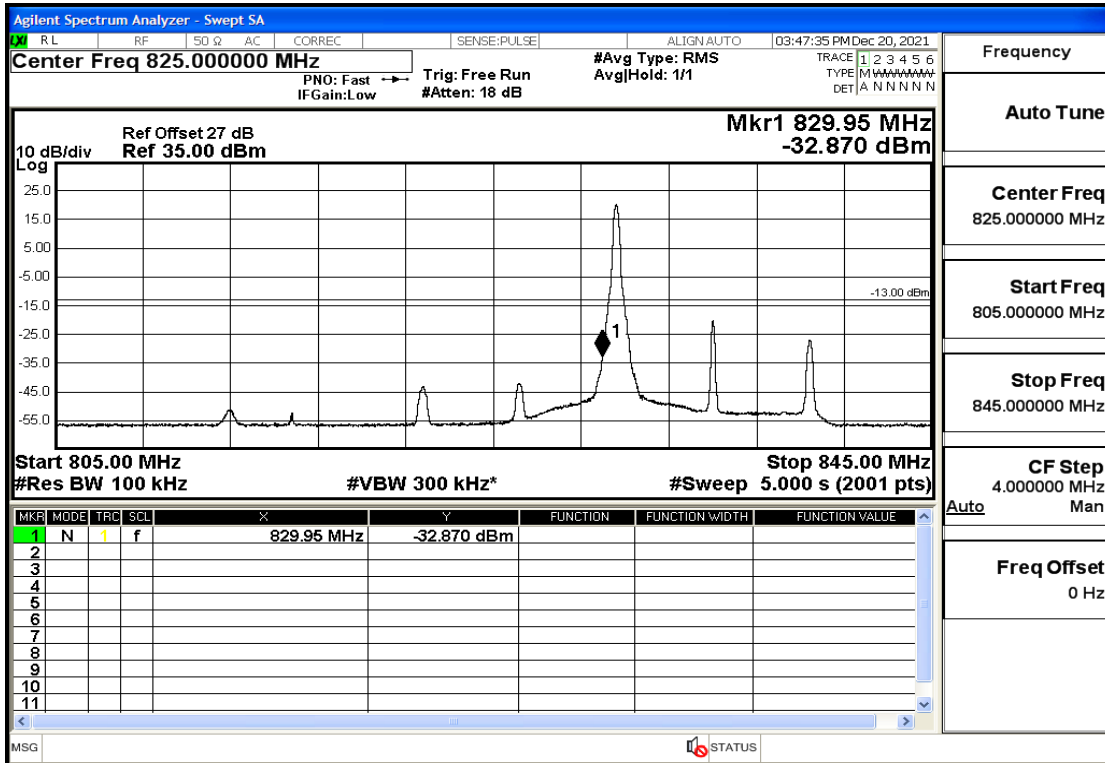
Band19-10-835-QPSK-1#LOW@Pass



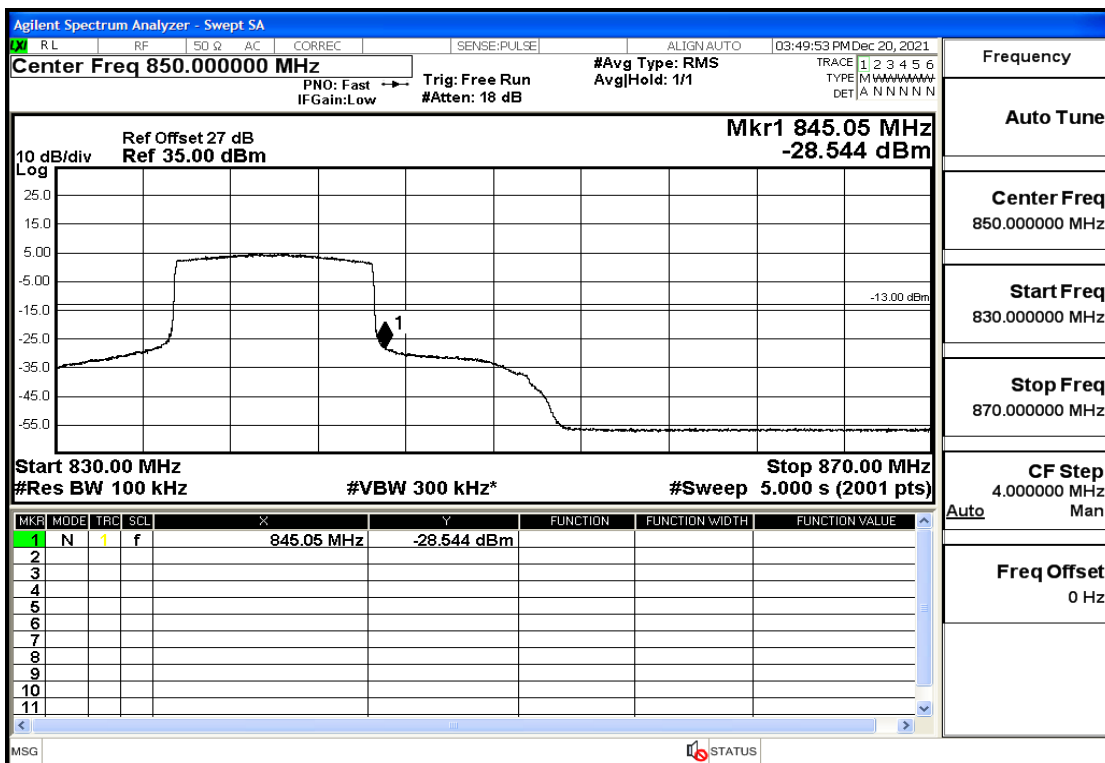
Band19-10-835-16QAM-50#LOW@Pass



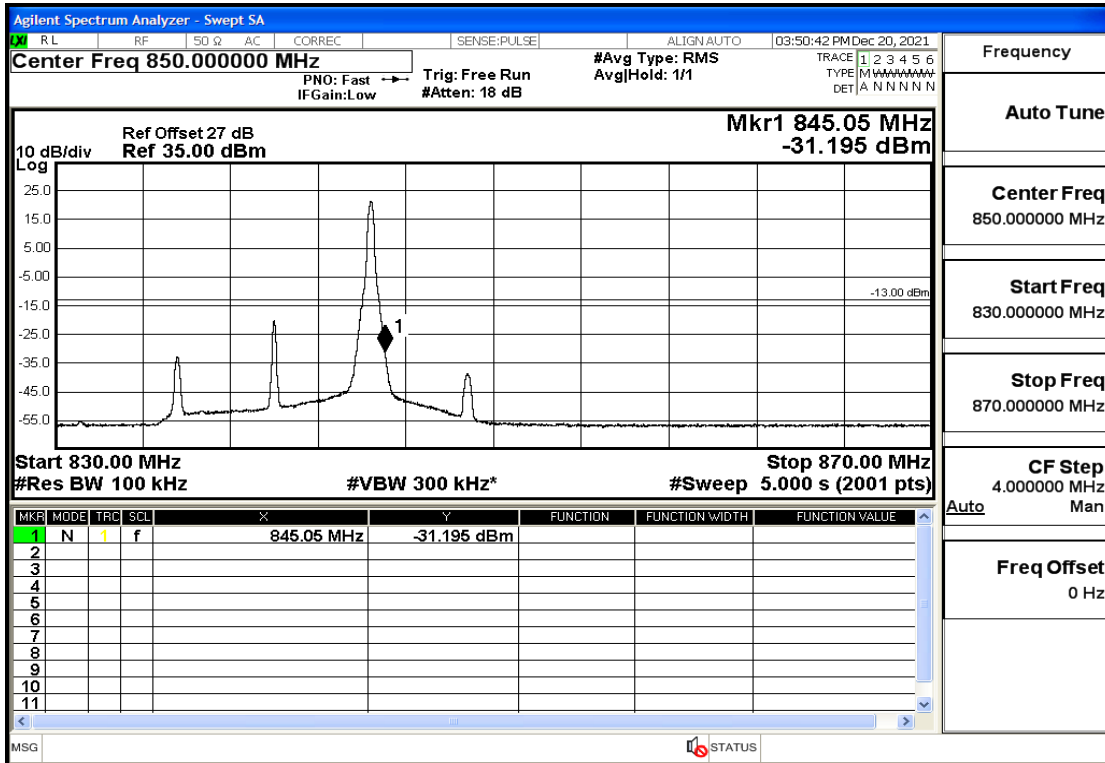
Band19-10-835-16QAM-1#LOW@Pass



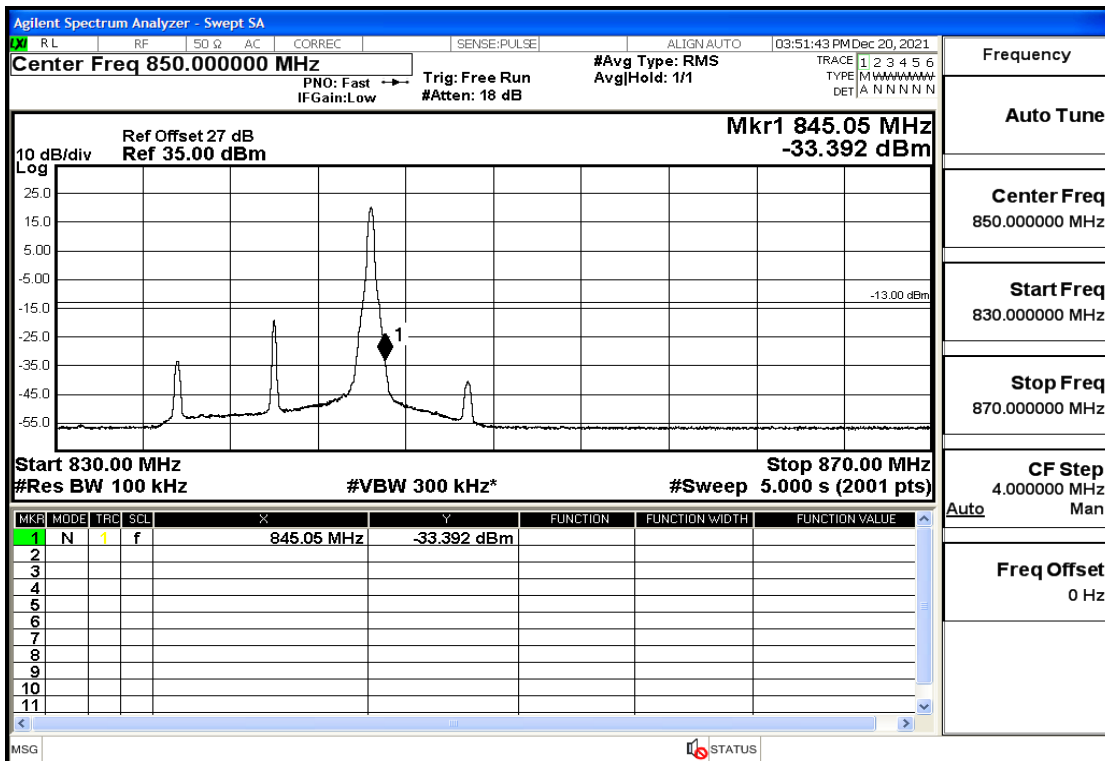
Band19-10-840-QPSK-50#LOW@Pass



Band19-10-840-QPSK-1#HIGH@Pass



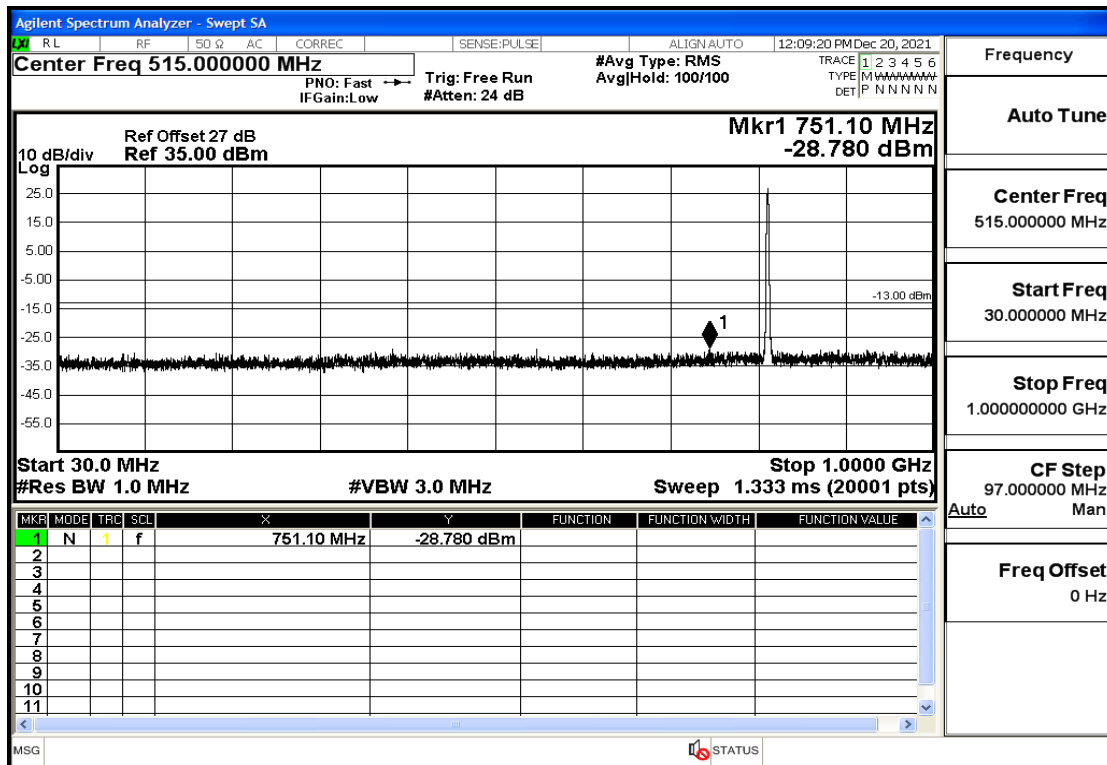
Band19-10-840-16QAM-1#HIGH@Pass



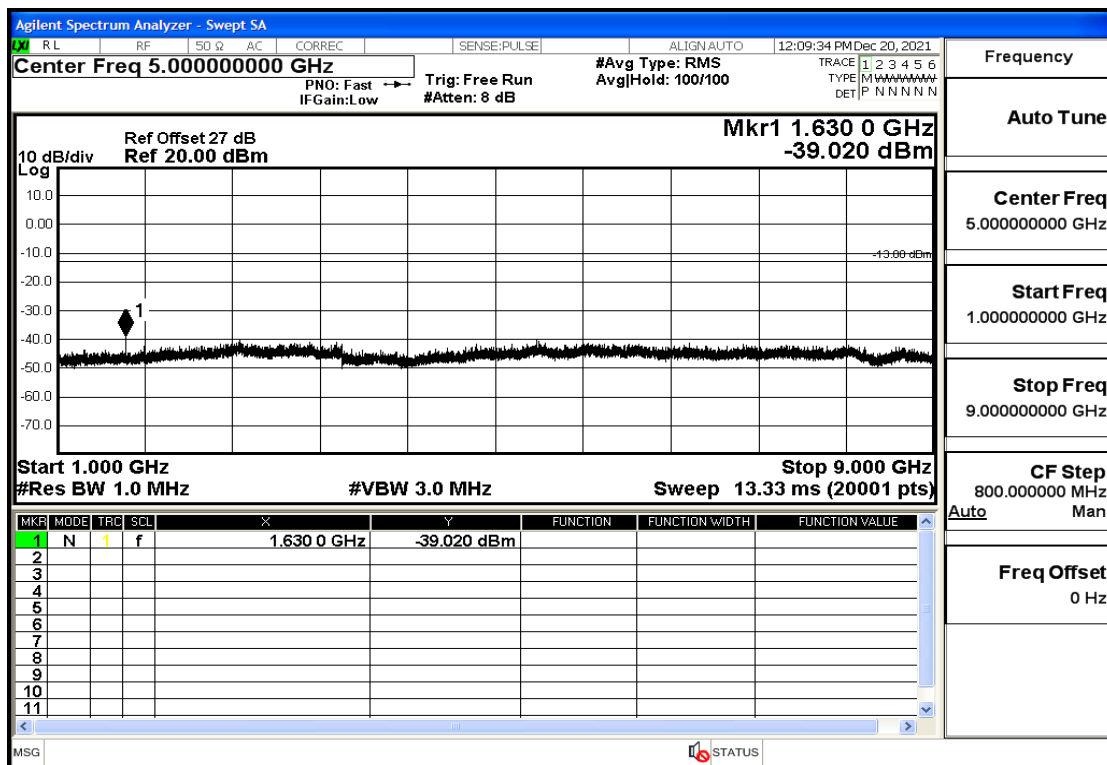
Conducted Spurious Emission

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB26A	1.4	814.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB26A	1.4	814.7	QPSK	6	LOW	1GHz-9GHz	Pass
OB26A	1.4	819	QPSK	6	LOW	30mHz-1GHz	Pass
OB26A	1.4	819	QPSK	6	LOW	1GHz-9GHz	Pass
OB26A	1.4	823.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB26A	1.4	823.3	QPSK	6	LOW	1GHz-9GHz	Pass
OB26A	3	815.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB26A	3	815.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB26A	3	819	QPSK	15	LOW	30mHz-1GHz	Pass
OB26A	3	819	QPSK	15	LOW	1GHz-9GHz	Pass
OB26A	3	822.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB26A	3	822.5	QPSK	15	LOW	1GHz-9GHz	Pass
OB26A	5	816.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB26A	5	816.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB26A	5	819	QPSK	25	LOW	30mHz-1GHz	Pass
OB26A	5	819	QPSK	25	LOW	1GHz-9GHz	Pass
OB26A	5	821.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB26A	5	821.5	QPSK	25	LOW	1GHz-9GHz	Pass
OB26A	10	819	QPSK	50	LOW	30mHz-1GHz	Pass
OB26A	10	819	QPSK	50	LOW	1GHz-9GHz	Pass
OB26A	1.4	814.7	Q16	6	LOW	30mHz-1GHz	Pass
OB26A	1.4	814.7	Q16	6	LOW	1GHz-9GHz	Pass
OB26A	1.4	819	Q16	6	LOW	30mHz-1GHz	Pass
OB26A	1.4	819	Q16	6	LOW	1GHz-9GHz	Pass
OB26A	1.4	823.3	Q16	6	LOW	30mHz-1GHz	Pass
OB26A	1.4	823.3	Q16	6	LOW	1GHz-9GHz	Pass
OB26A	3	815.5	Q16	15	LOW	30mHz-1GHz	Pass
OB26A	3	815.5	Q16	15	LOW	1GHz-9GHz	Pass
OB26A	3	819	Q16	15	LOW	30mHz-1GHz	Pass
OB26A	3	819	Q16	15	LOW	1GHz-9GHz	Pass
OB26A	3	822.5	Q16	15	LOW	30mHz-1GHz	Pass
OB26A	3	822.5	Q16	15	LOW	1GHz-9GHz	Pass
OB26A	5	816.5	Q16	25	LOW	30mHz-1GHz	Pass
OB26A	5	816.5	Q16	25	LOW	1GHz-9GHz	Pass
OB26A	5	819	Q16	25	LOW	30mHz-1GHz	Pass
OB26A	5	819	Q16	25	LOW	1GHz-9GHz	Pass
OB26A	5	821.5	Q16	25	LOW	30mHz-1GHz	Pass
OB26A	5	821.5	Q16	25	LOW	1GHz-9GHz	Pass
OB26A	10	819	Q16	50	LOW	30mHz-1GHz	Pass
OB26A	10	819	Q16	50	LOW	1GHz-9GHz	Pass

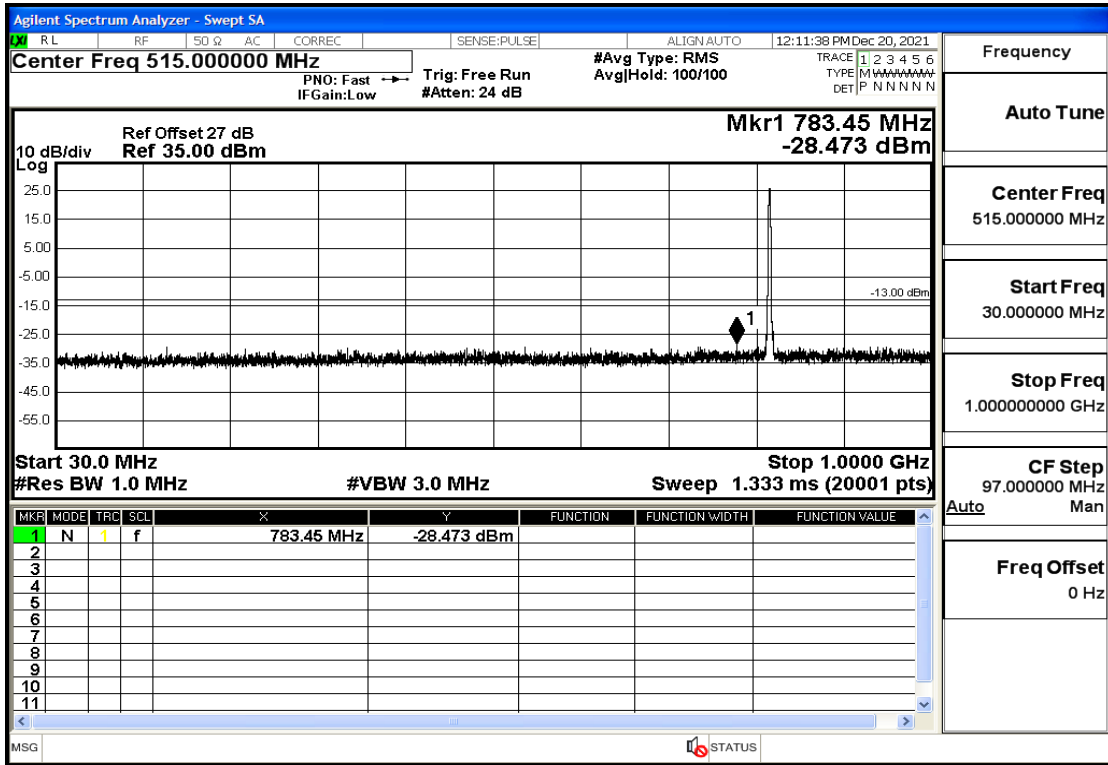
OB26A-1.4-814.7-QPSK-6#LOW@30mHz-1GHz@Pass



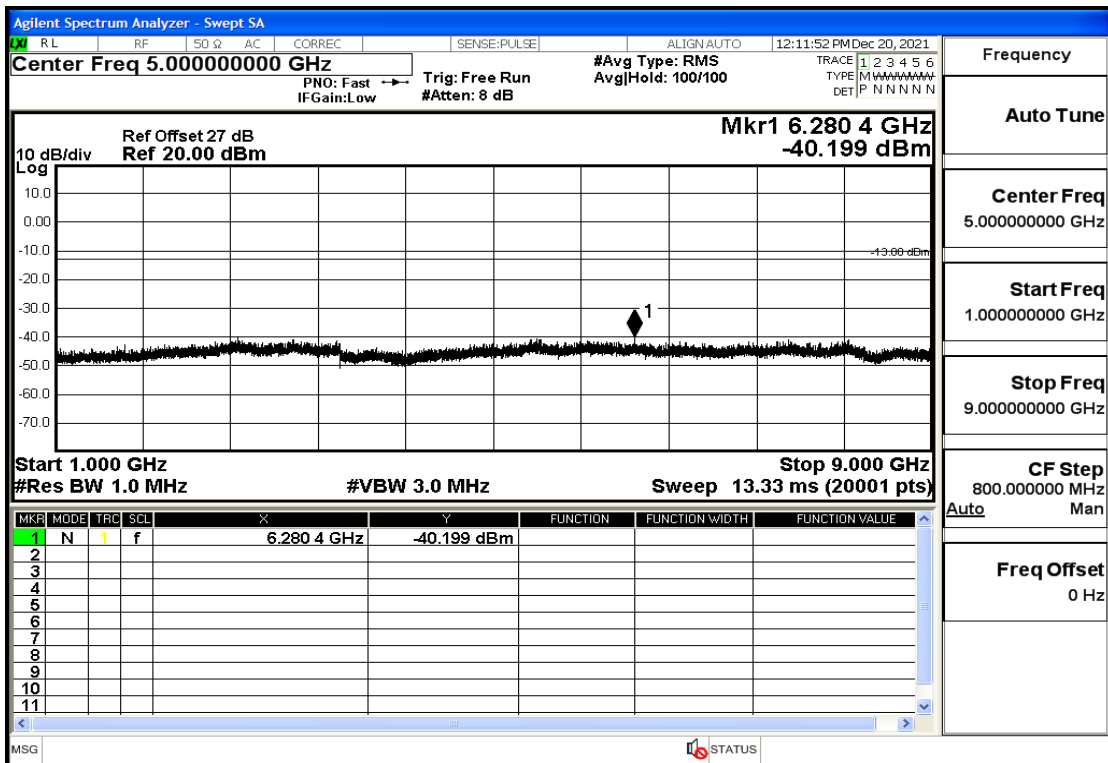
OB26A-1.4-814.7-QPSK-6#LOW@1GHz-9GHz@Pass



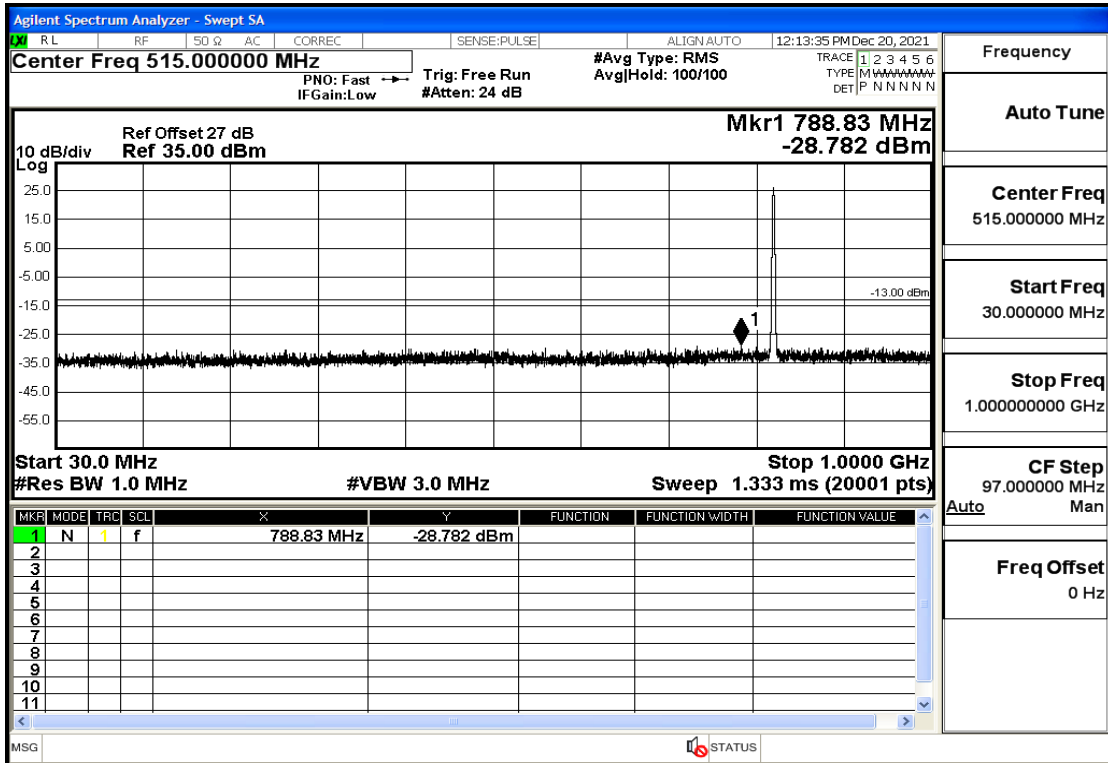
OB26A-1.4-819-QPSK-6#LOW@30MHz-1GHz@Pass



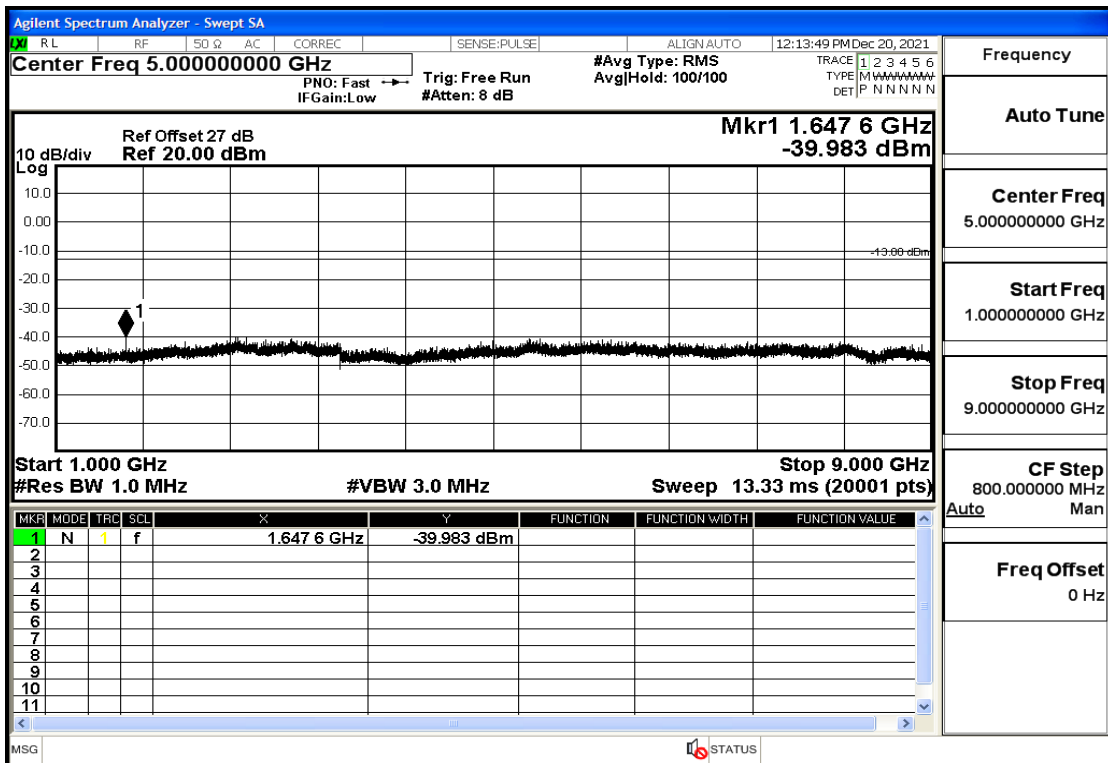
OB26A-1.4-819-QPSK-6#LOW@1GHz-9GHz@Pass



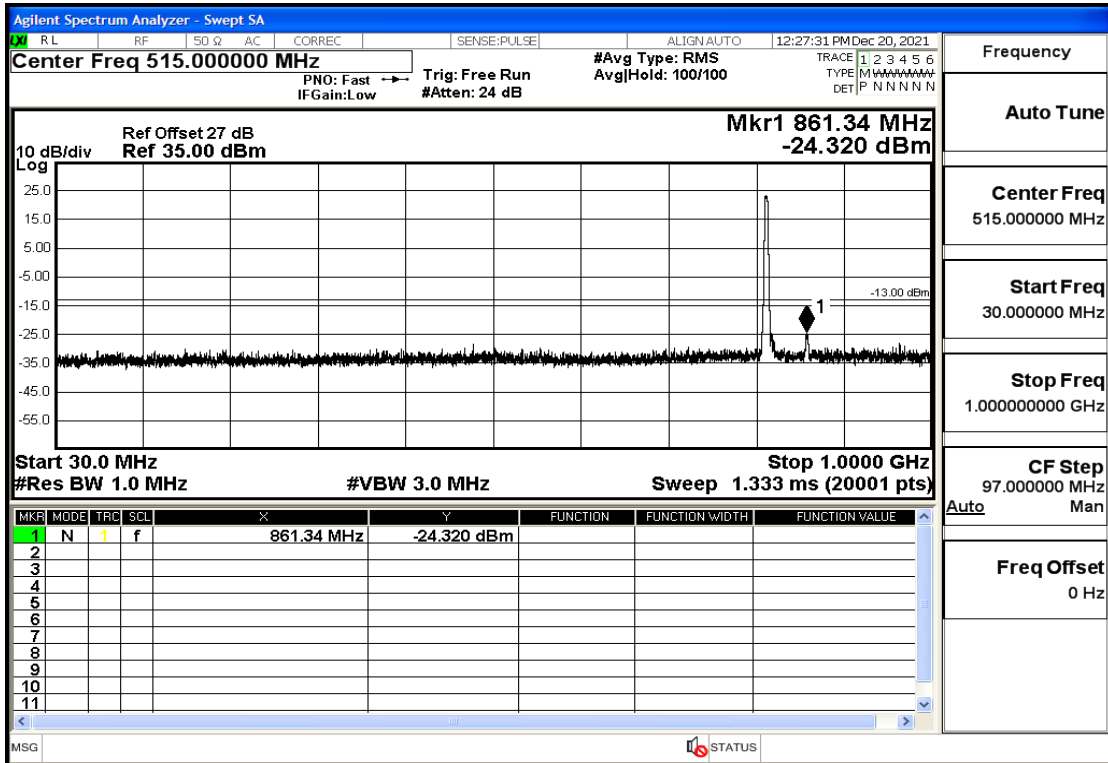
OB26A-1.4-823.3-QPSK-6#LOW@30mHz-1GHz@Pass



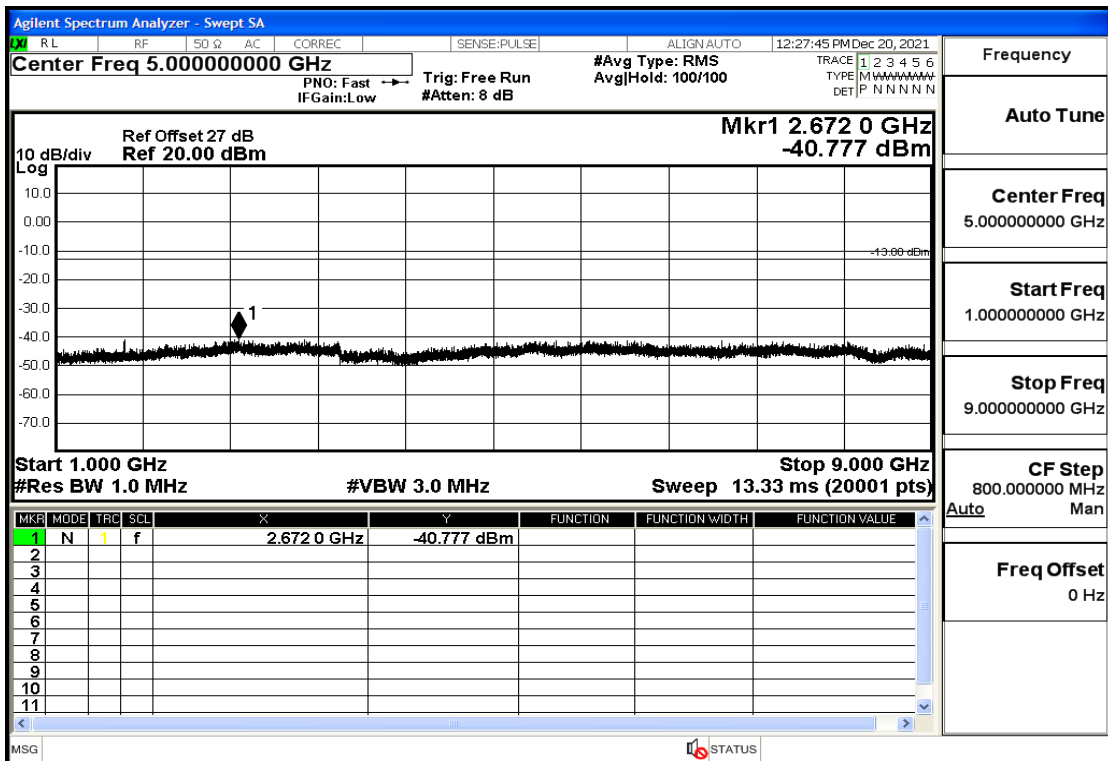
OB26A-1.4-823.3-QPSK-6#LOW@1GHz-9GHz@Pass



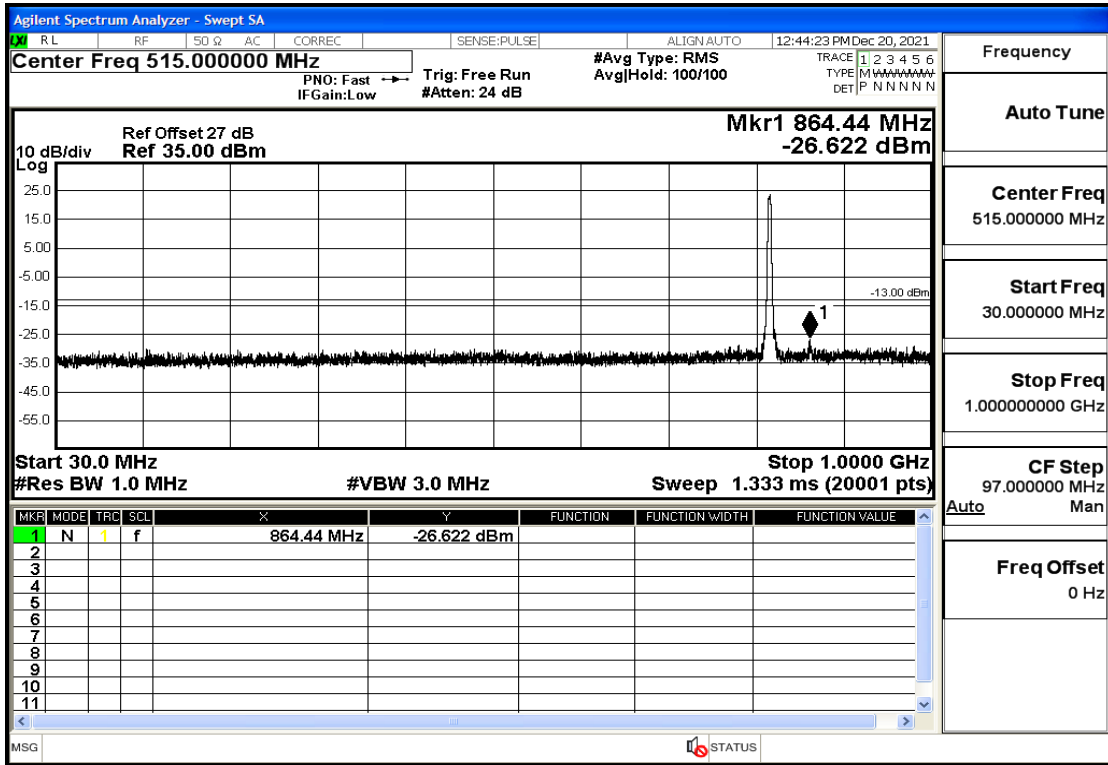
OB26A-3-815.5-QPSK-15#LOW@30mHz-1GHz@Pass



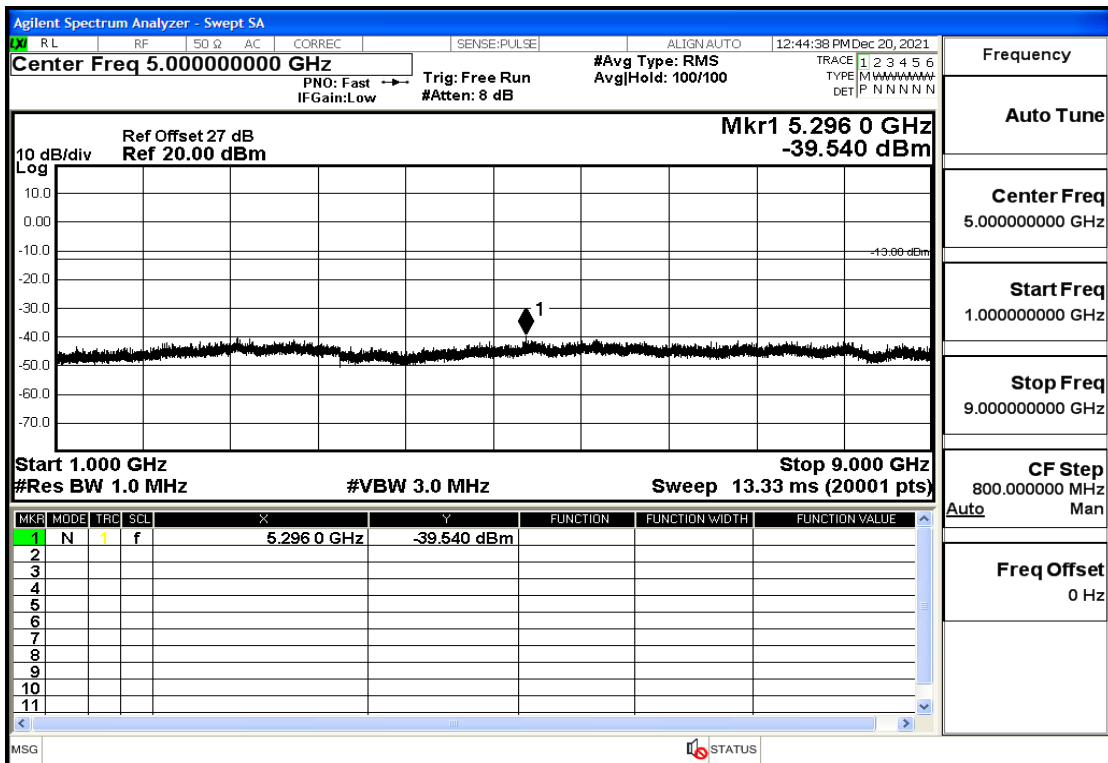
OB26A-3-815.5-QPSK-15#LOW@1GHz-9GHz@Pass



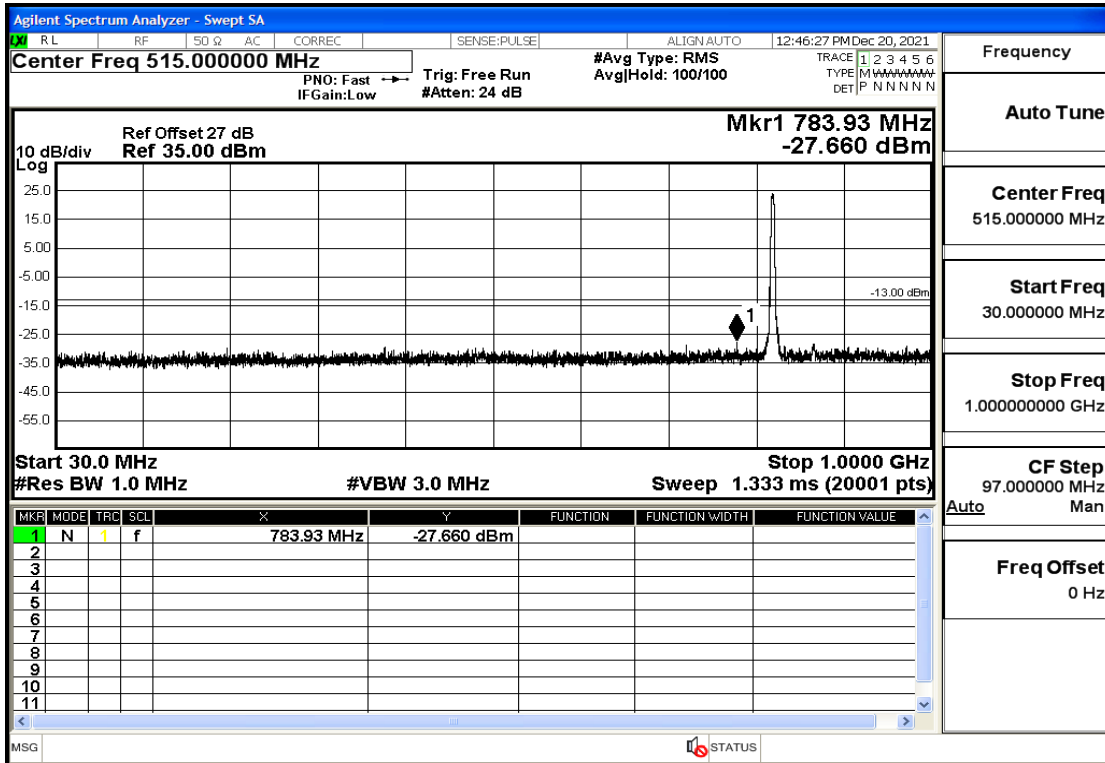
OB26A-3-819-QPSK-15#LOW@30mHz-1GHz@Pass



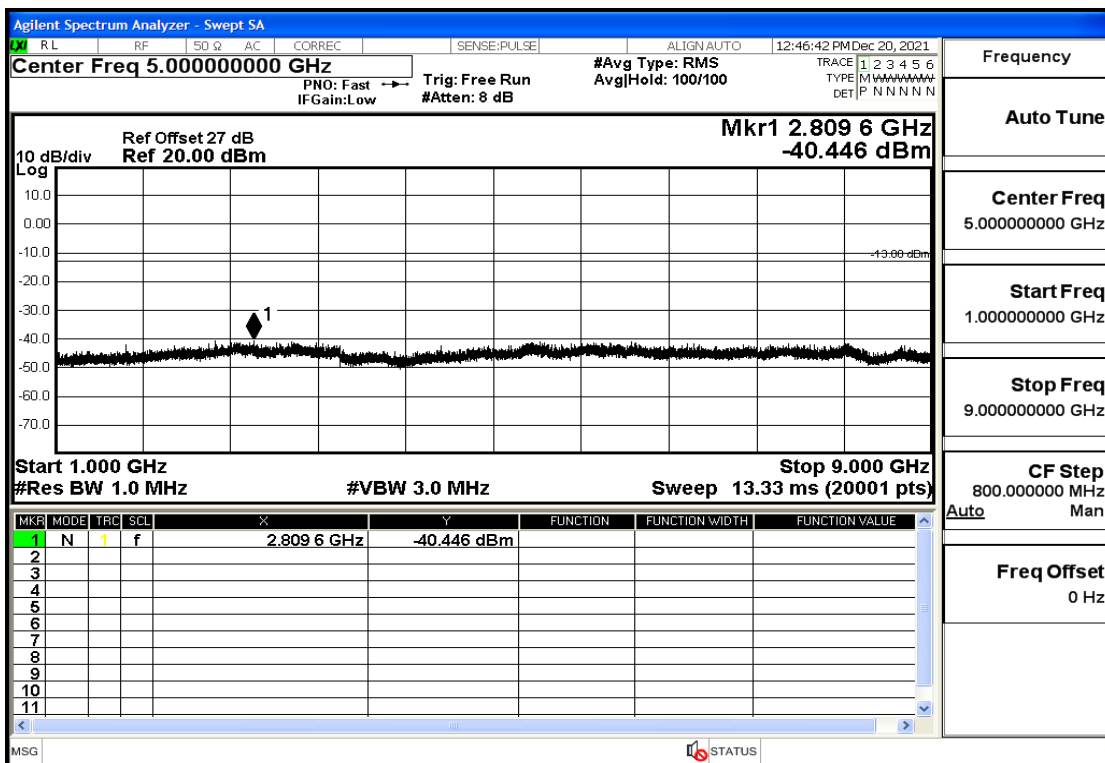
OB26A-3-819-QPSK-15#LOW@1GHz-9GHz@Pass



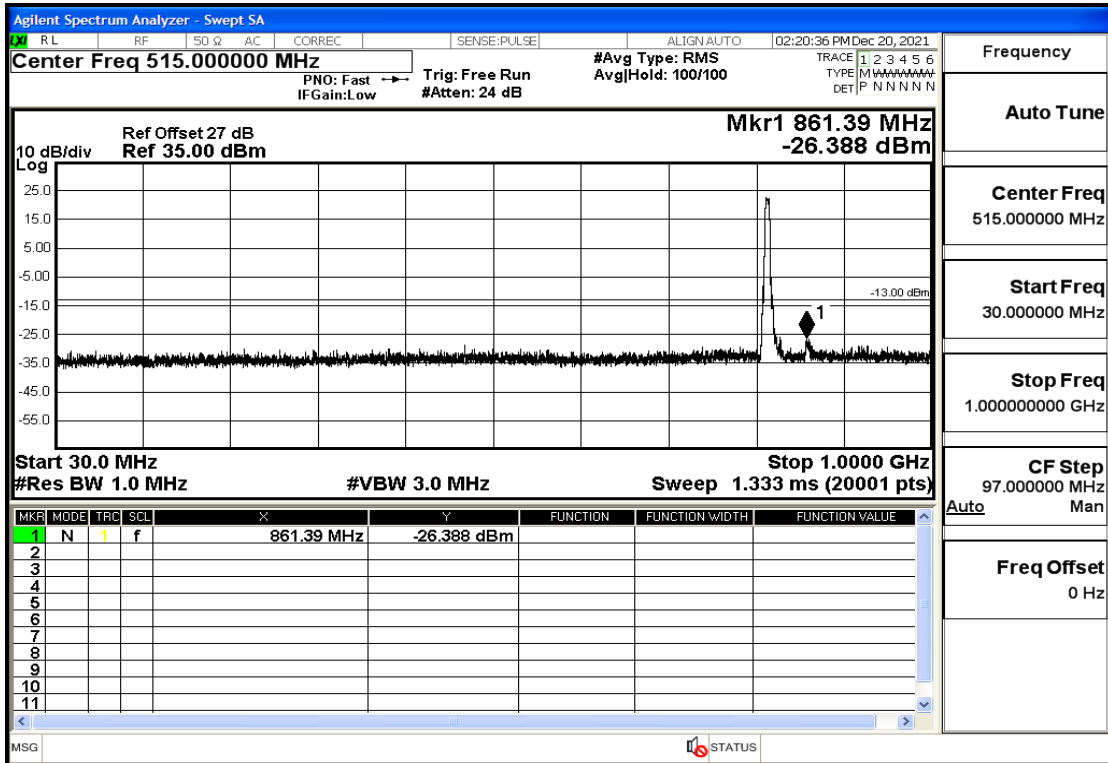
OB26A-3-822.5-QPSK-15#LOW@30mHz-1GHz@Pass



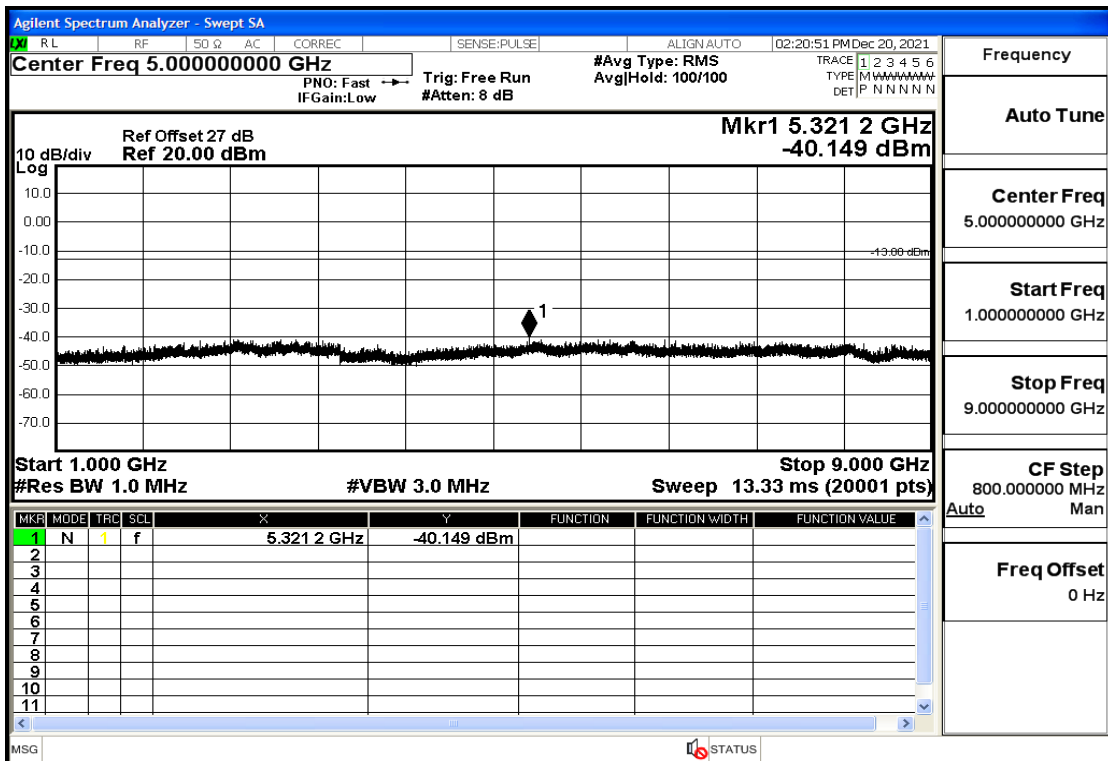
OB26A-3-822.5-QPSK-15#LOW@1GHz-9GHz@Pass



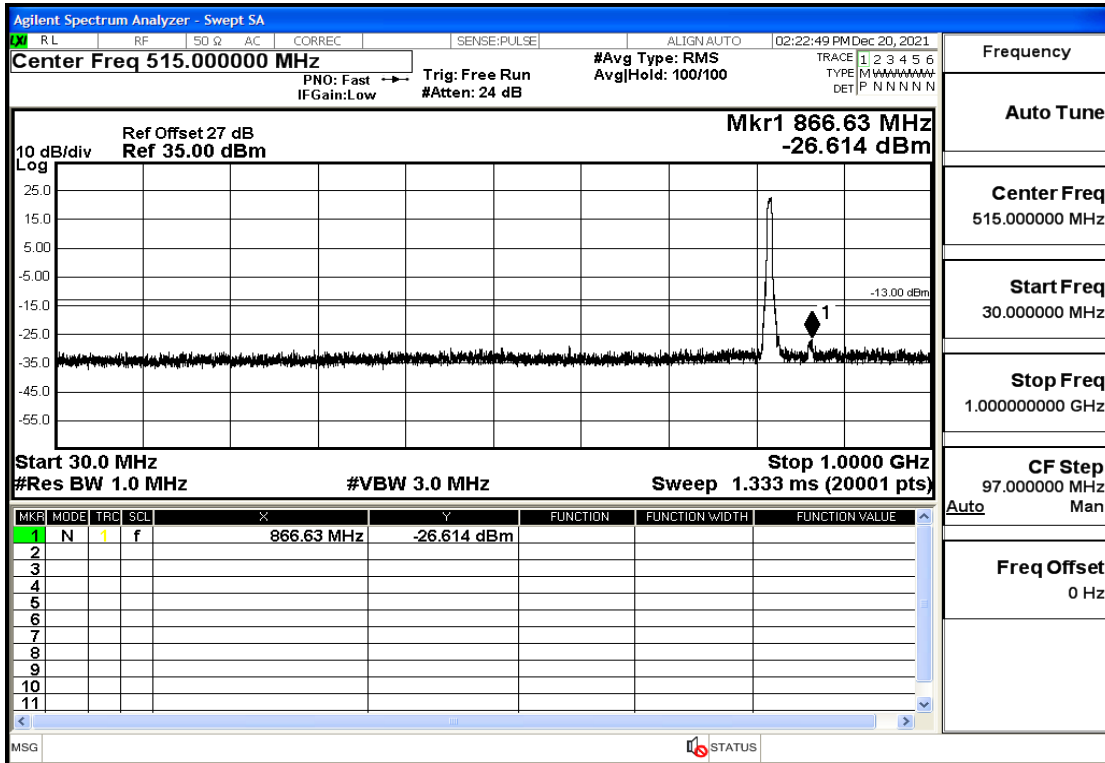
OB26A-5-816.5-QPSK-25#LOW@30mHz-1GHz@Pass



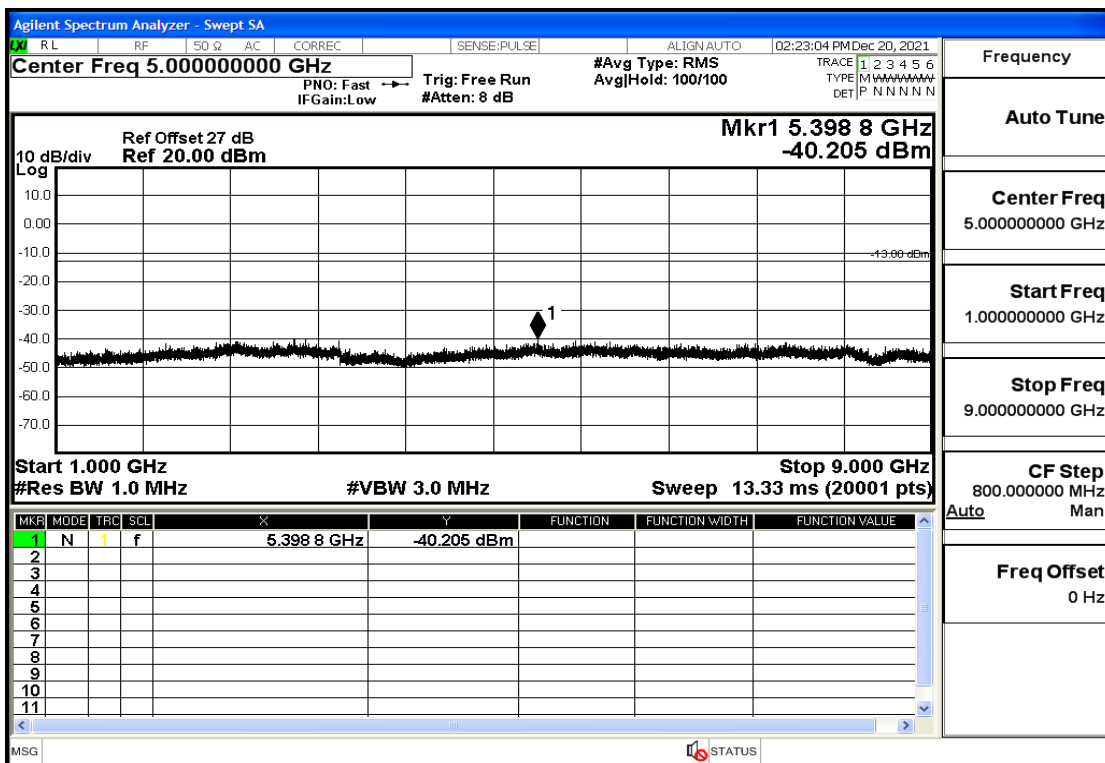
OB26A-5-816.5-QPSK-25#LOW@1GHz-9GHz@Pass



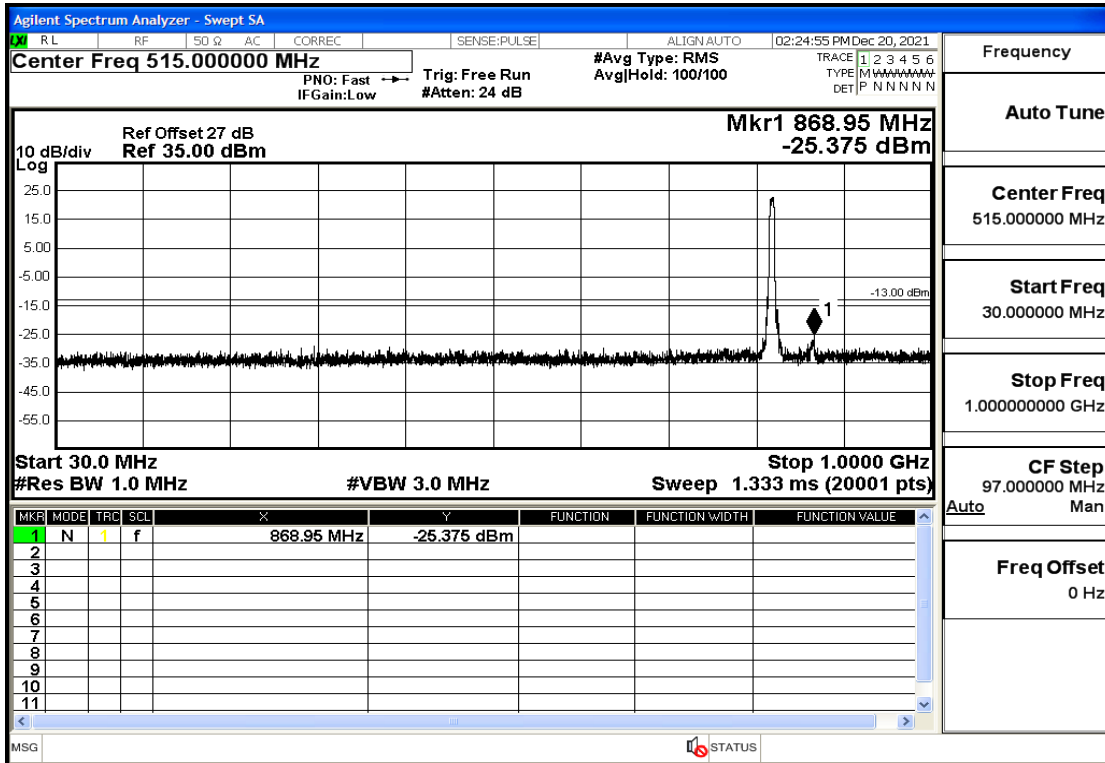
OB26A-5-819-QPSK-25#LOW@30mHz-1GHz@Pass



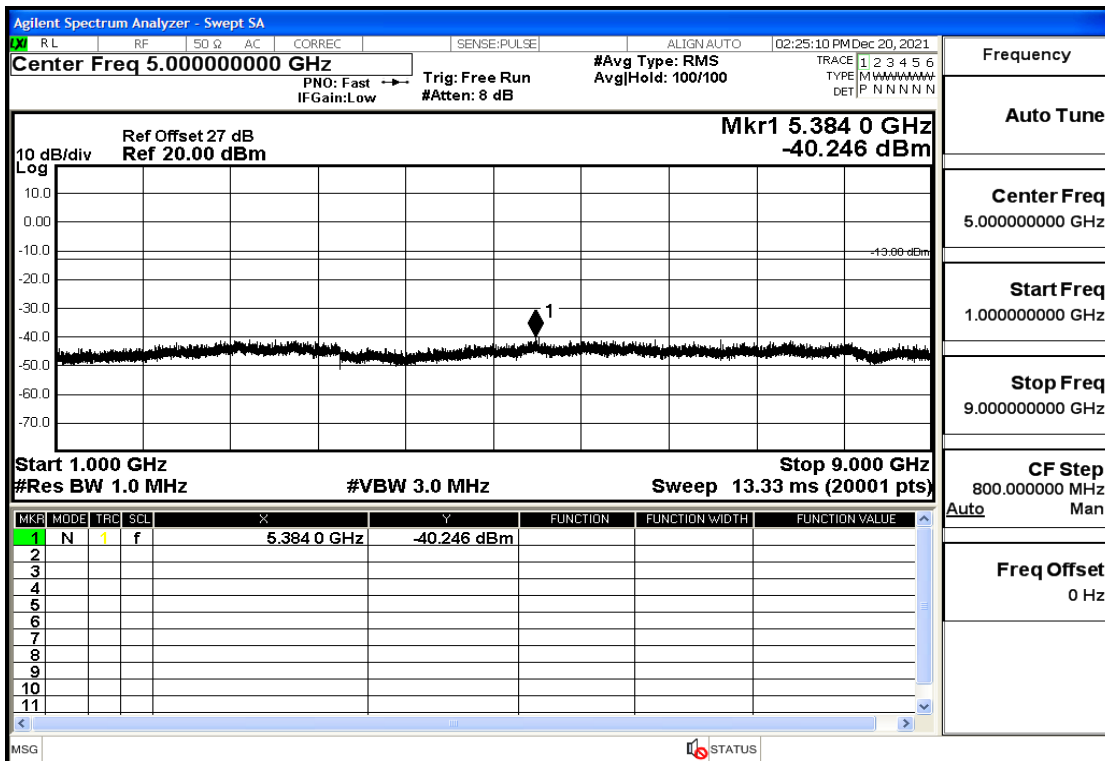
OB26A-5-819-QPSK-25#LOW@1GHz-9GHz@Pass



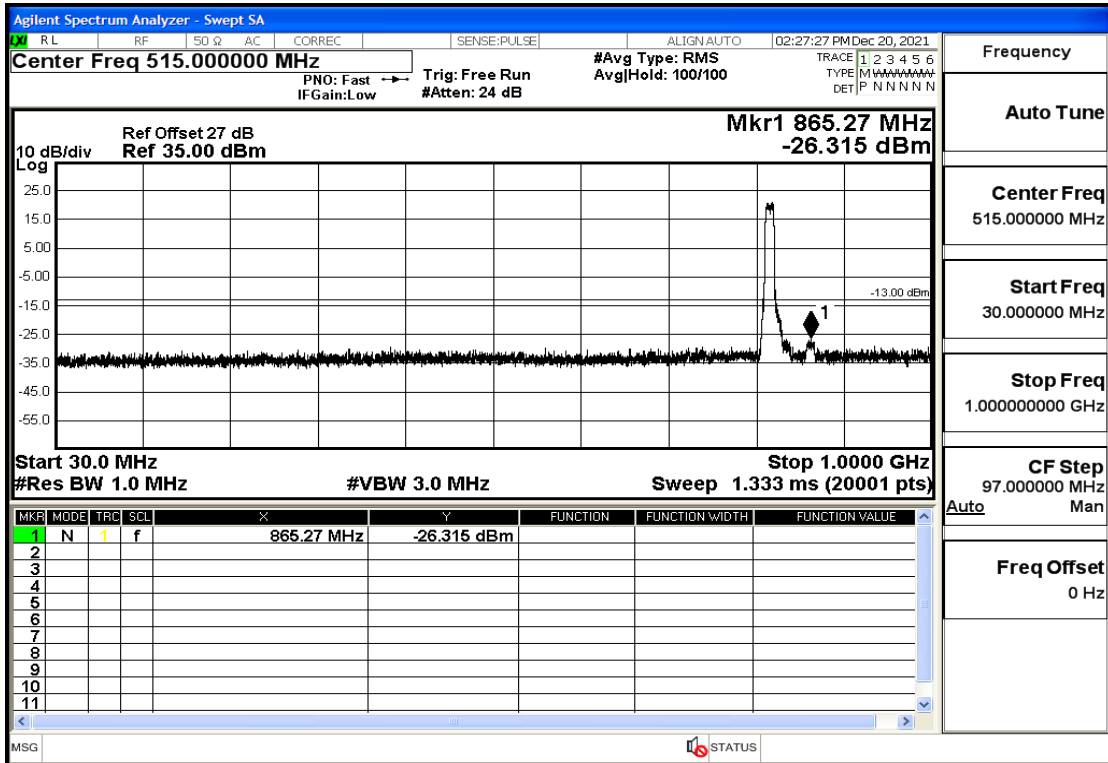
OB26A-5-821.5-QPSK-25#LOW@30mHz-1GHz@Pass



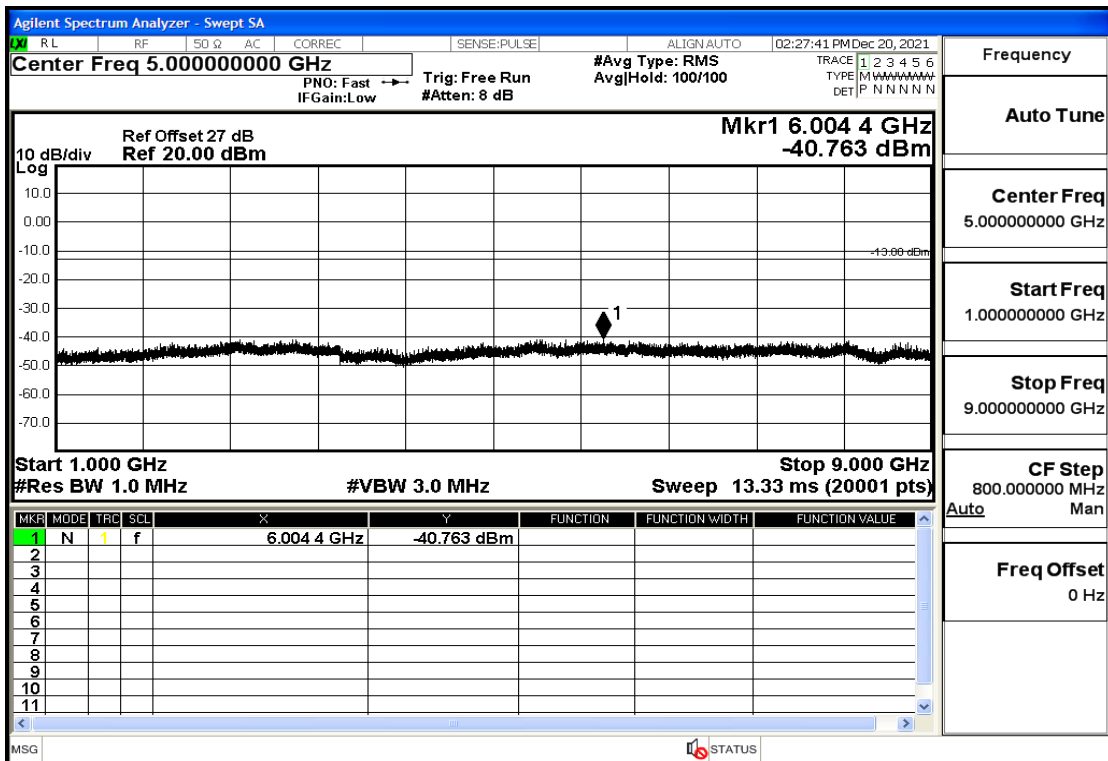
OB26A-5-821.5-QPSK-25#LOW@1GHz-9GHz@Pass



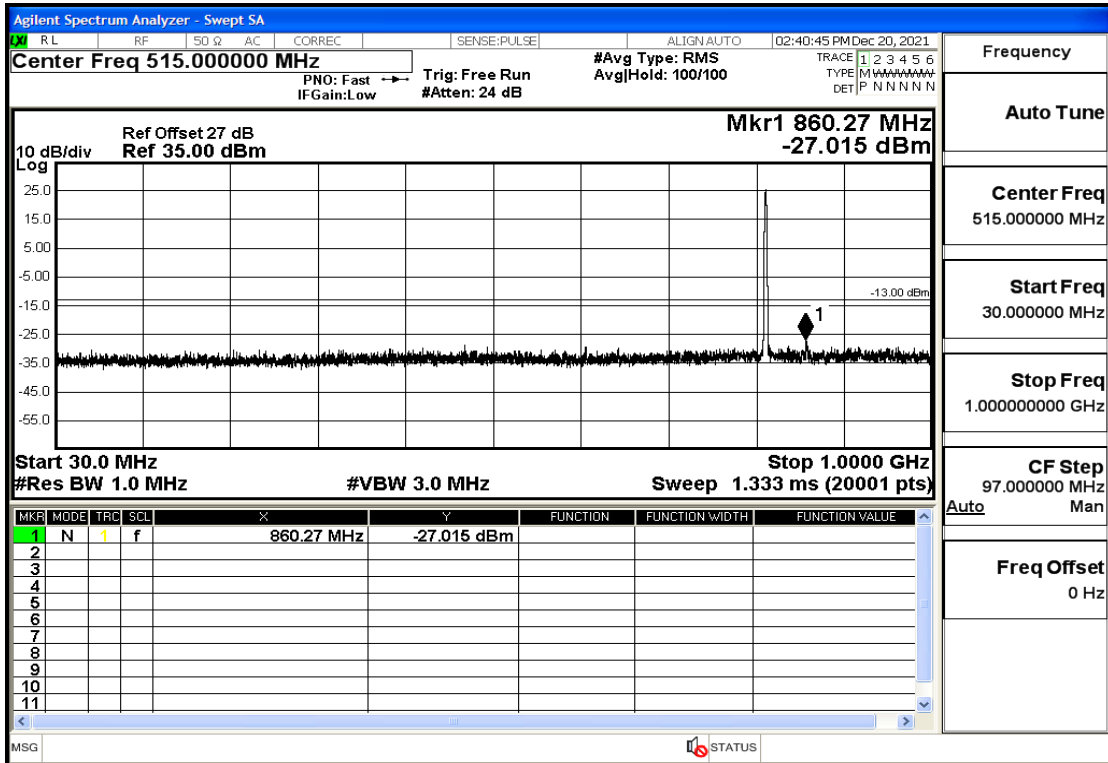
OB26A-10-819-QPSK-50#LOW@30mHz-1GHz@Pass



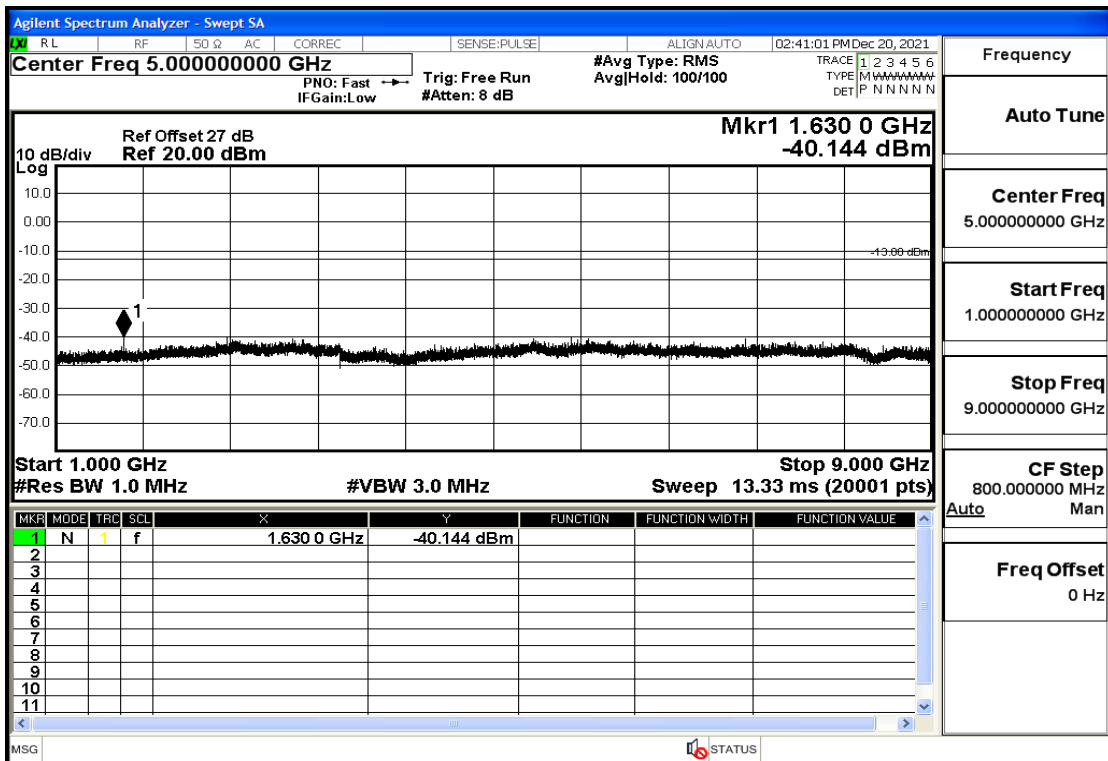
OB26A-10-819-QPSK-50#LOW@1GHz-9GHz@Pass



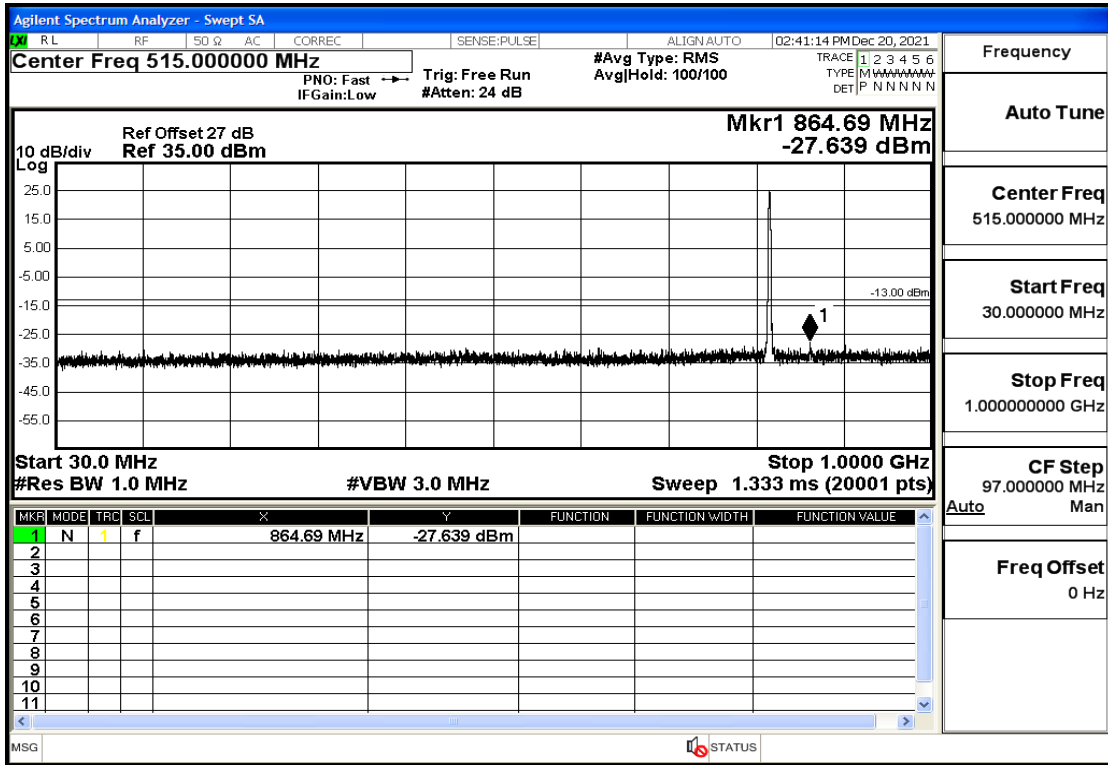
OB26A-1.4-814.7-Q16-6#LOW@30mHz-1GHz@Pass



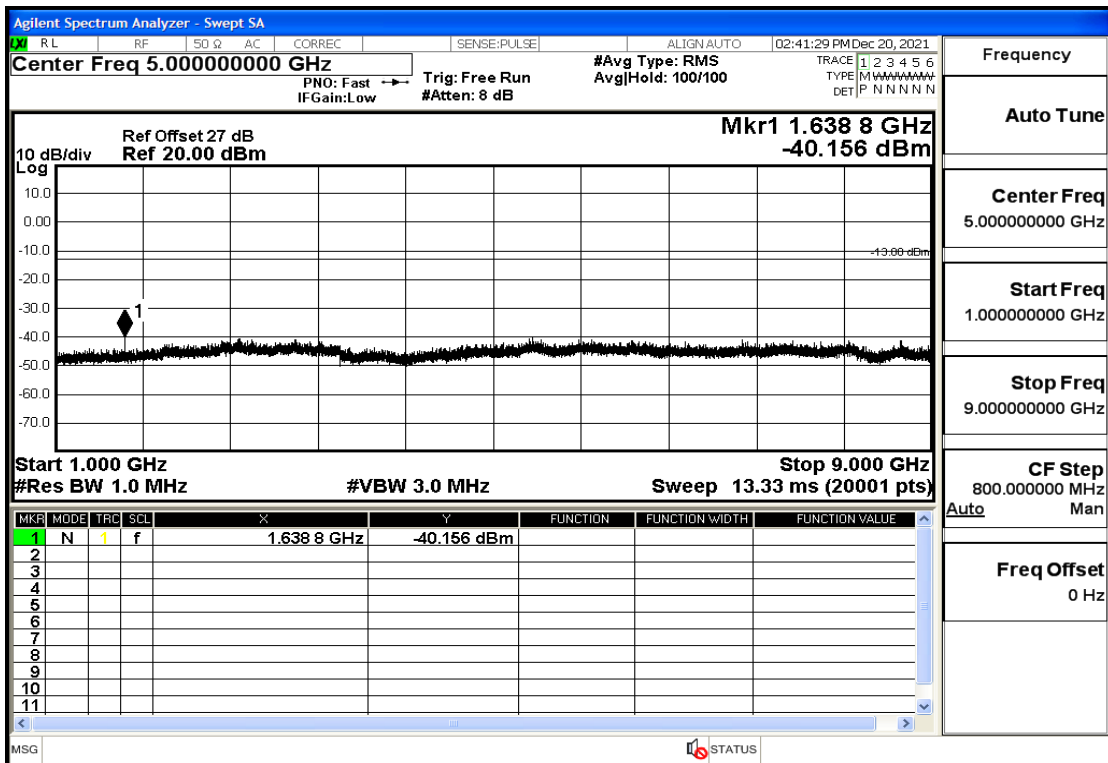
OB26A-1.4-814.7-Q16-6#LOW@1GHz-9GHz@Pass



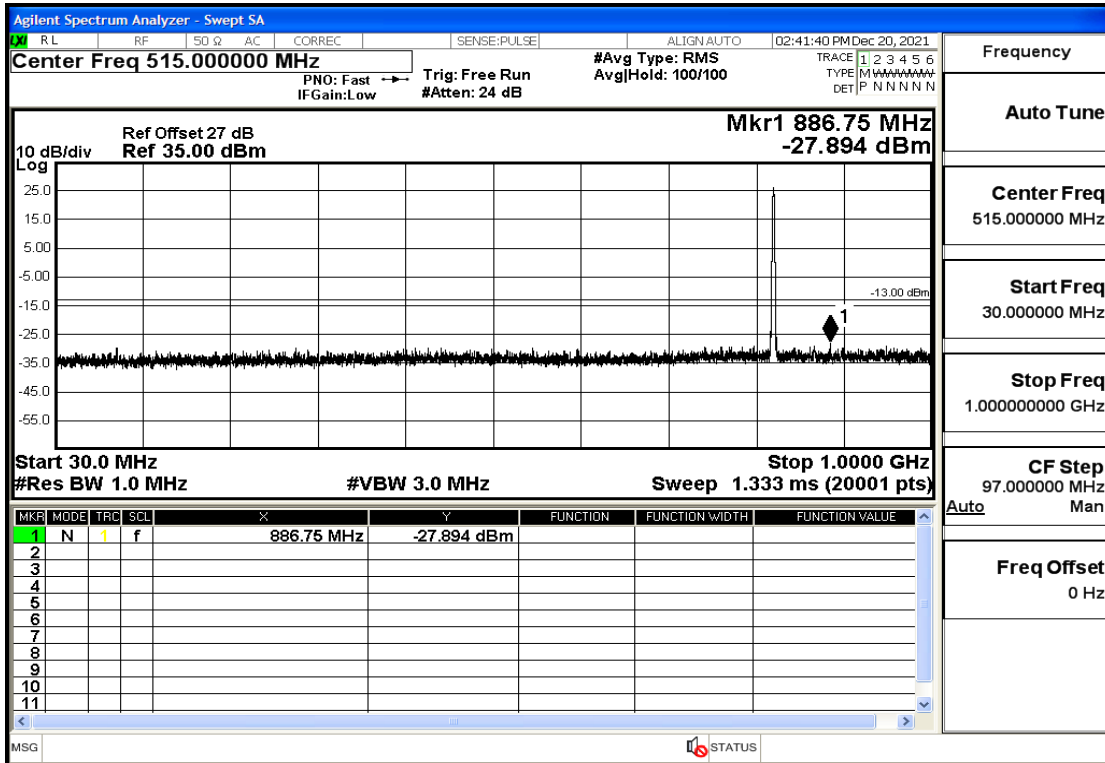
OB26A-1.4-819-Q16-6#LOW@30mHz-1GHz@Pass



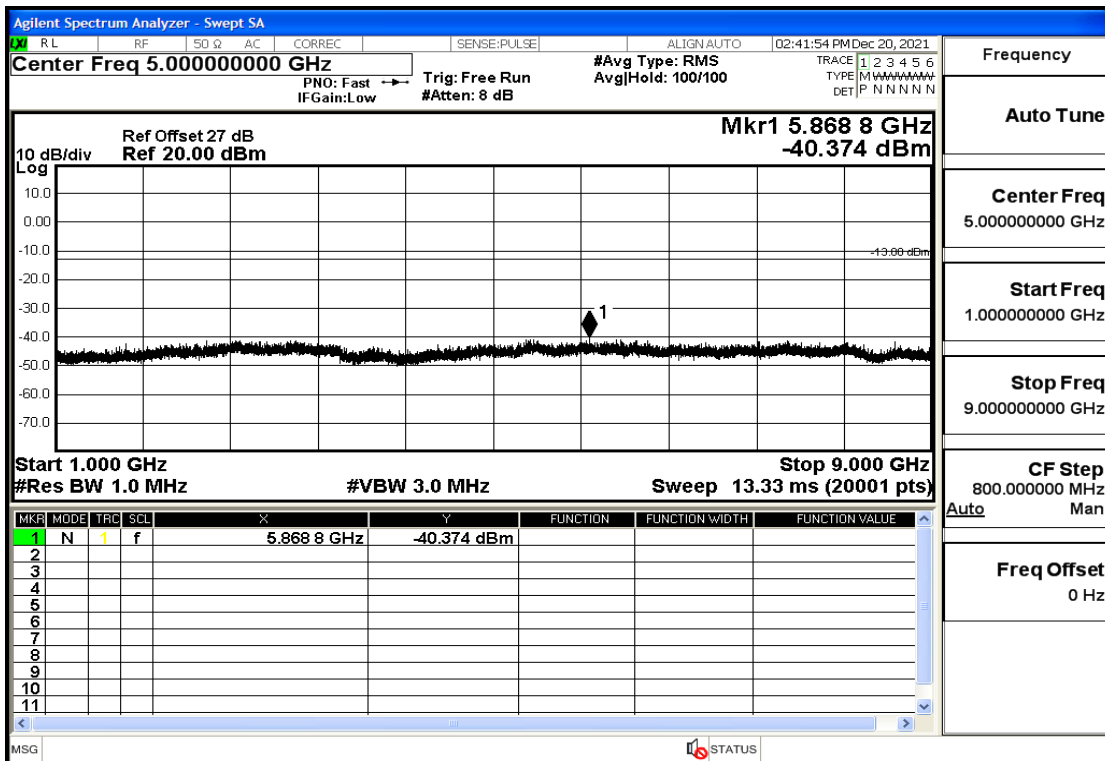
OB26A-1.4-819-Q16-6#LOW@1GHz-9GHz@Pass



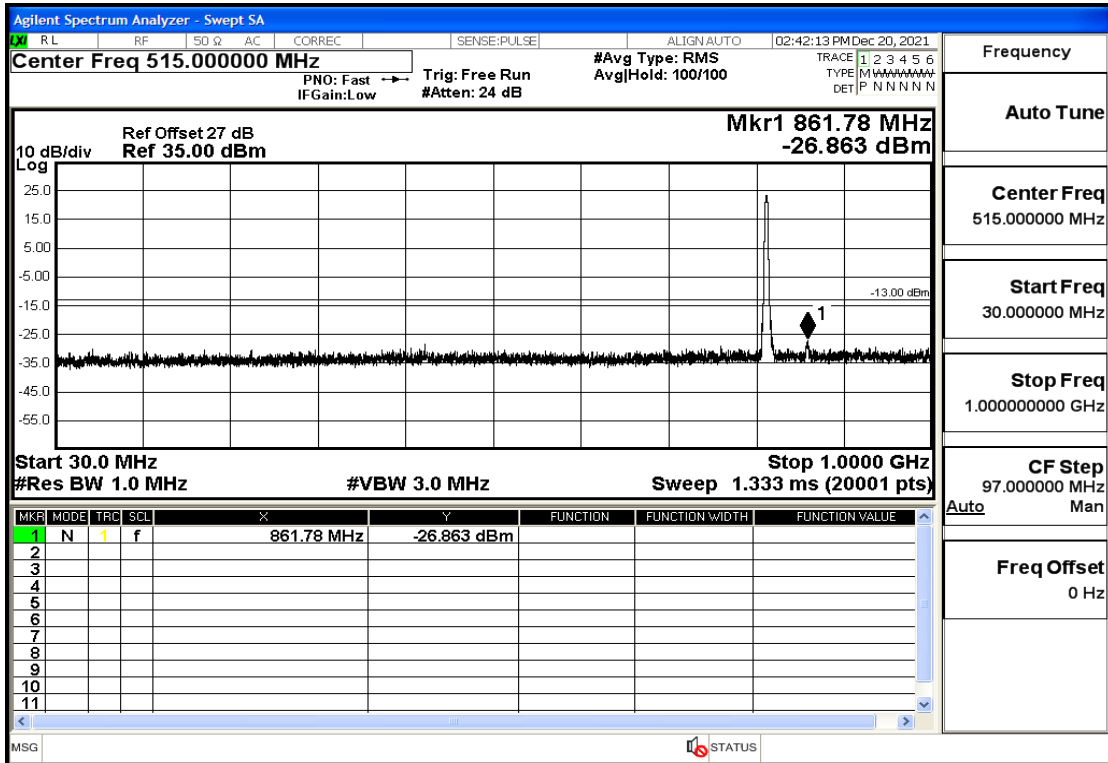
OB26A-1.4-823.3-Q16-6#LOW@30mHz-1GHz@Pass



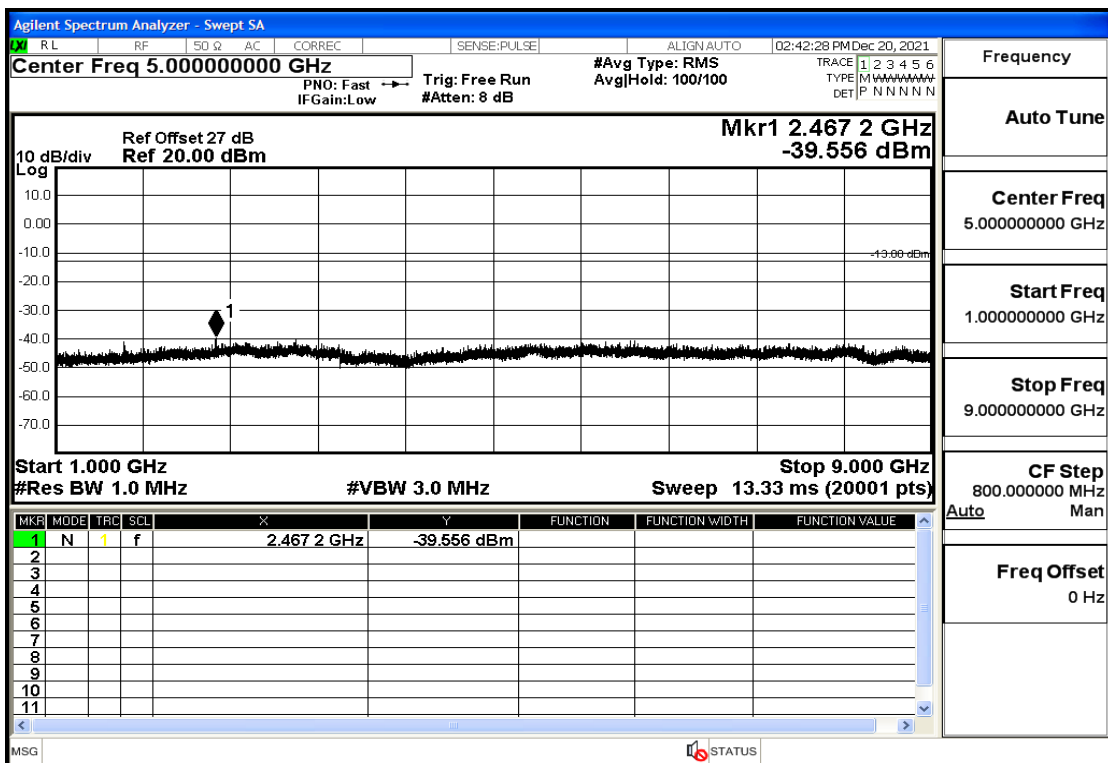
OB26A-1.4-823.3-Q16-6#LOW@1GHz-9GHz@Pass



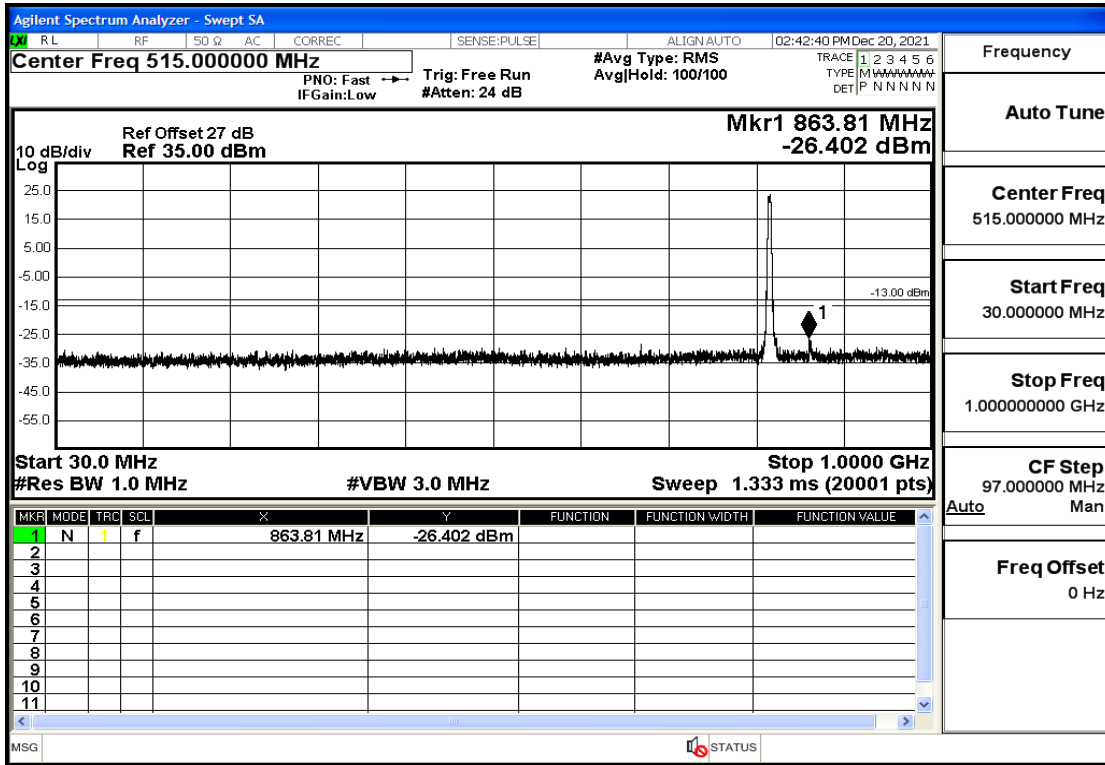
OB26A-3-815.5-Q16-15#LOW@30mHz-1GHz@Pass



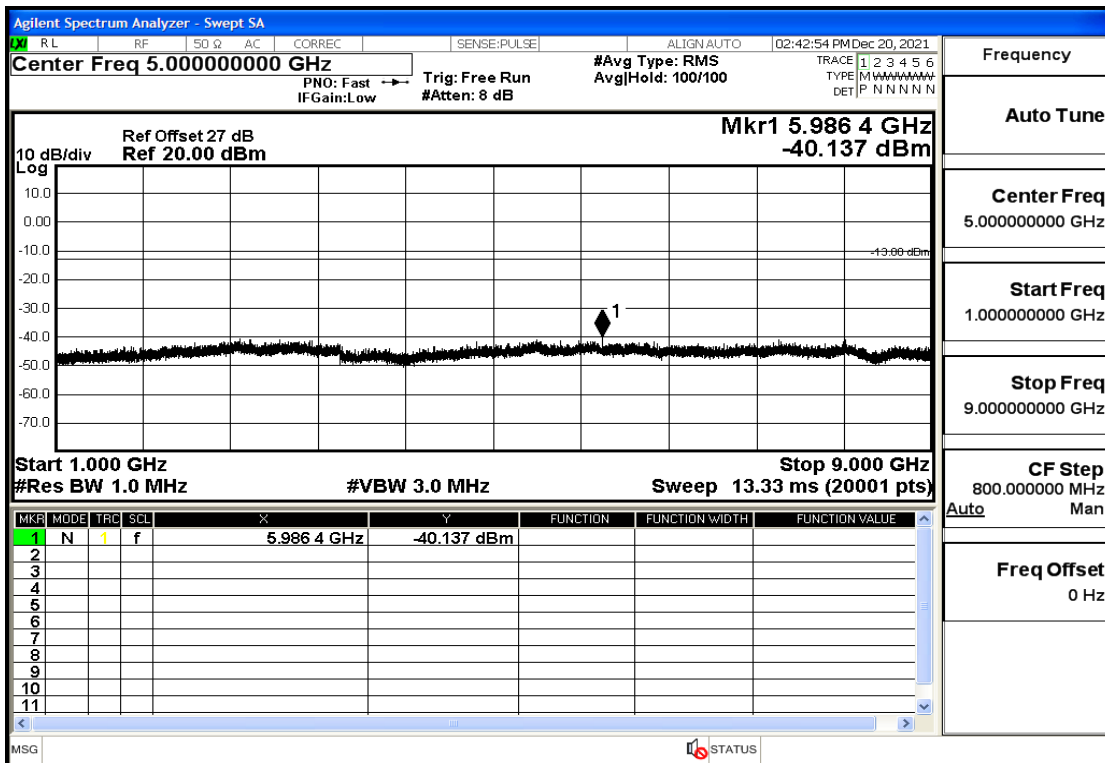
OB26A-3-815.5-Q16-15#LOW@1GHz-9GHz@Pass



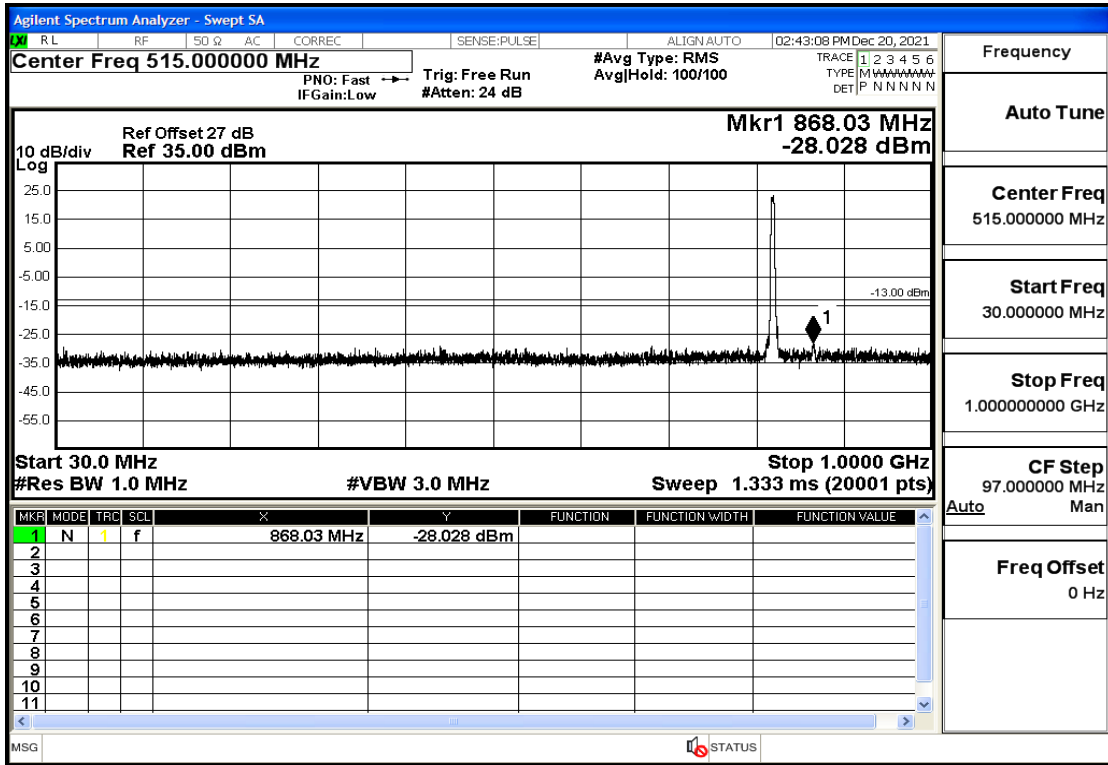
OB26A-3-819-Q16-15#LOW@30mHz-1GHz@Pass



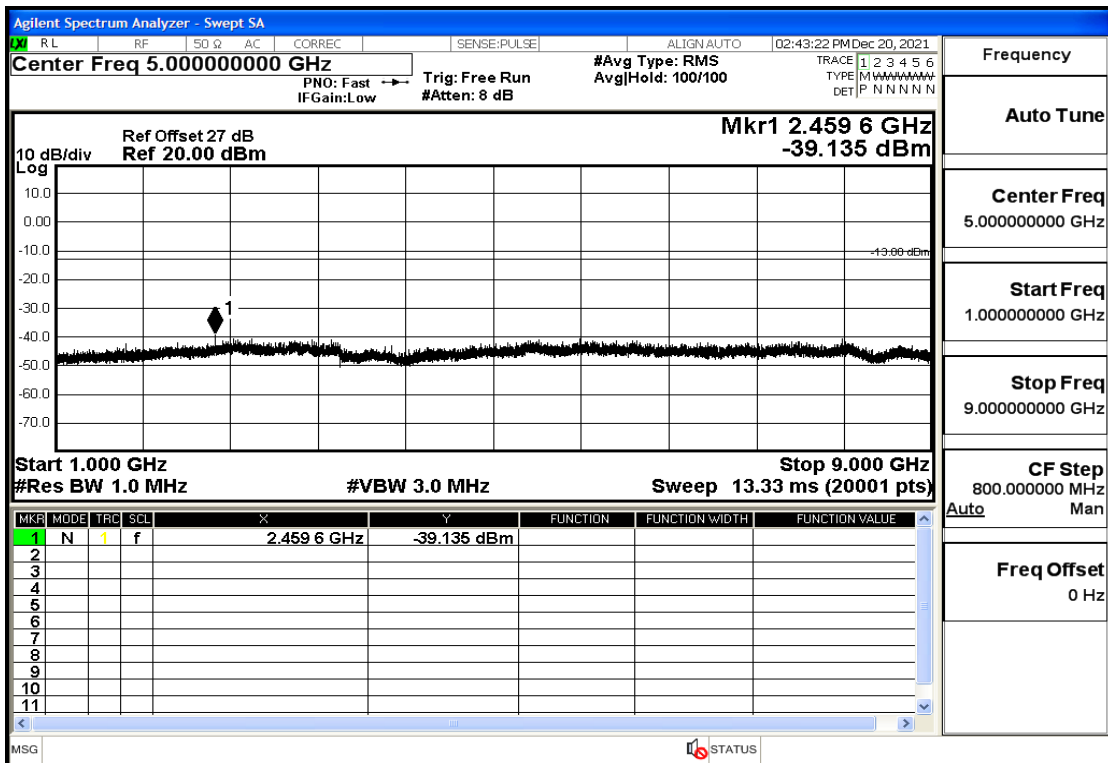
OB26A-3-819-Q16-15#LOW@1GHz-9GHz@Pass



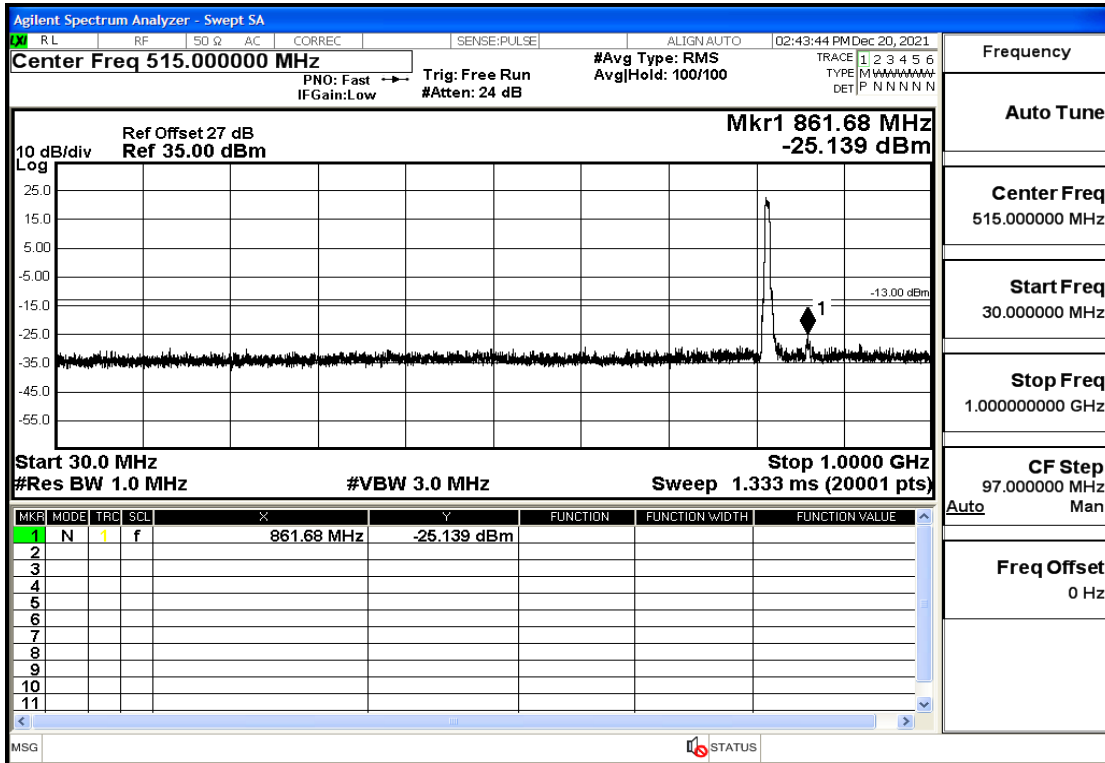
OB26A-3-822.5-Q16-15#LOW@30mHz-1GHz@Pass



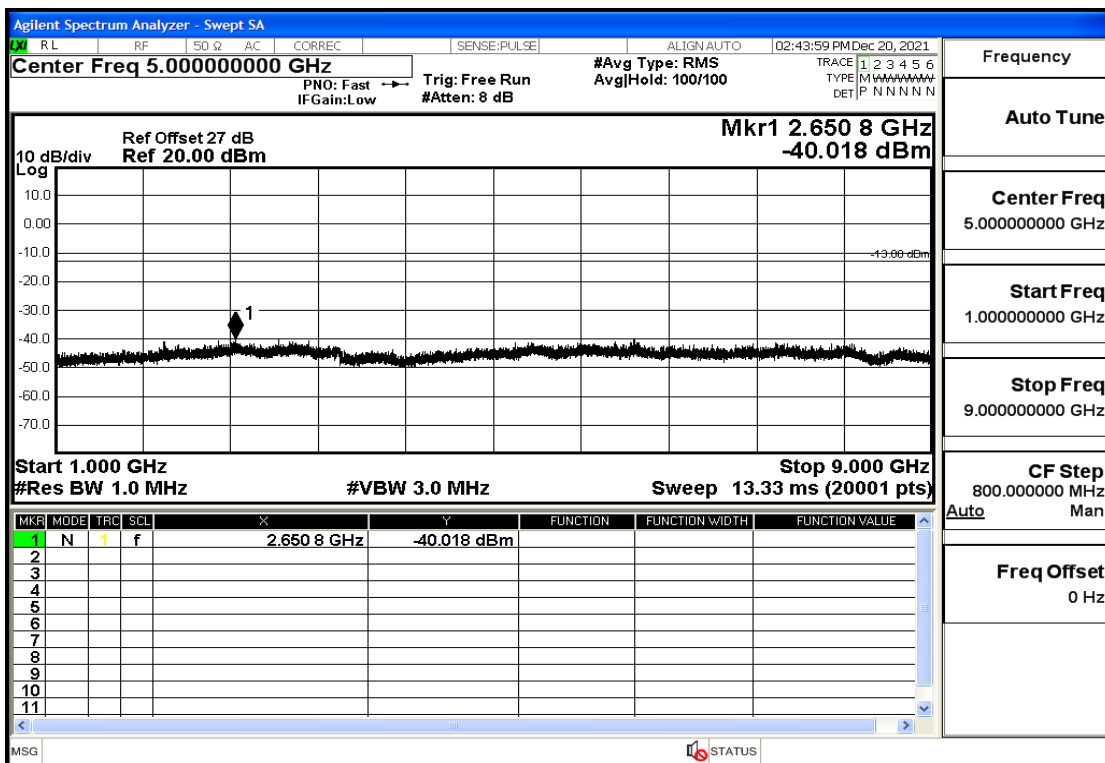
OB26A-3-822.5-Q16-15#LOW@1GHz-9GHz@Pass



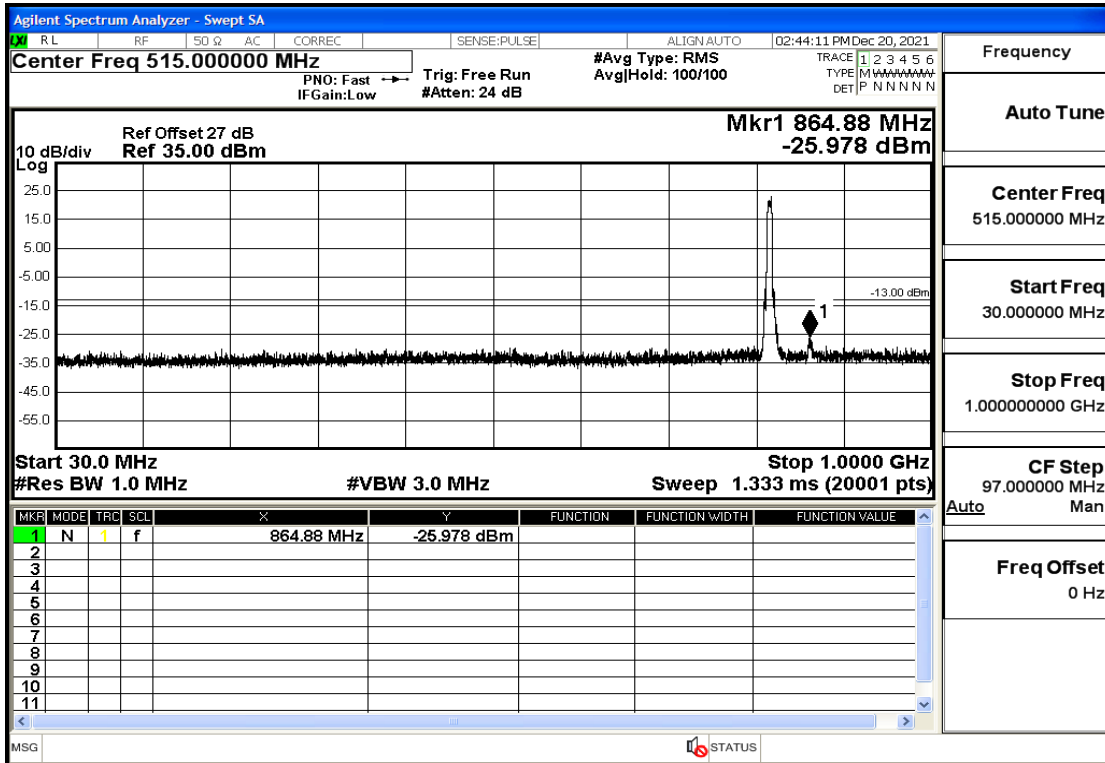
OB26A-5-816.5-Q16-25#LOW@30mHz-1GHz@Pass



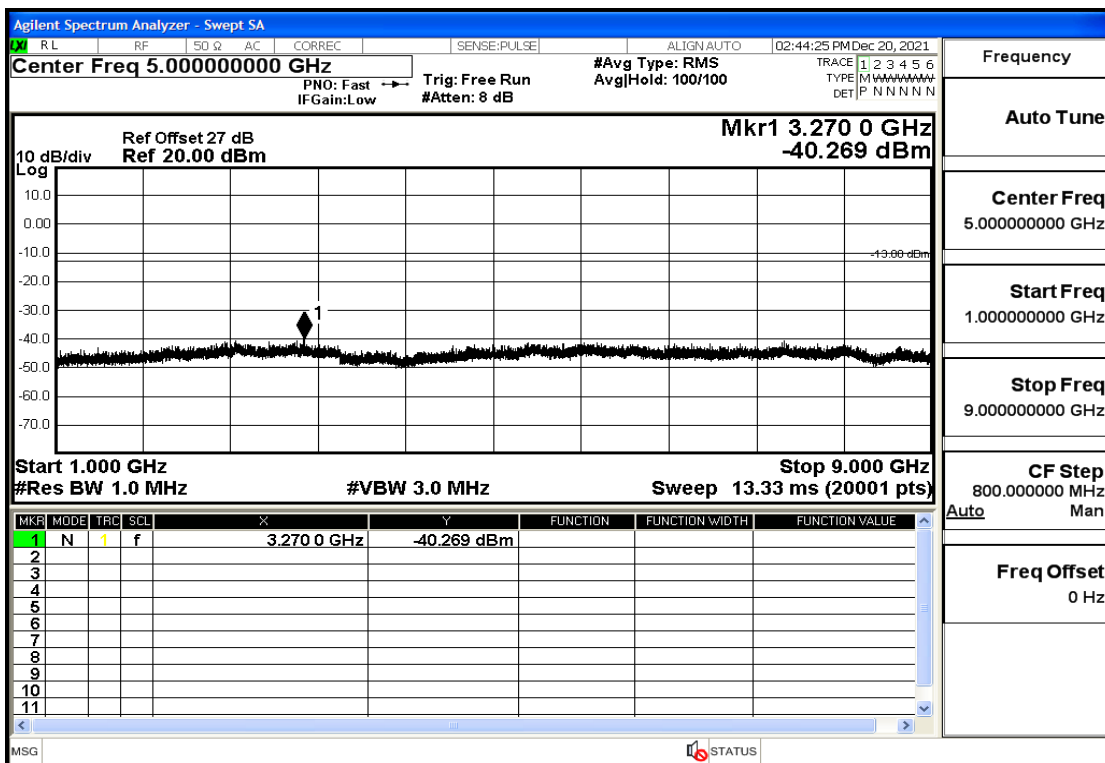
OB26A-5-816.5-Q16-25#LOW@1GHz-9GHz@Pass



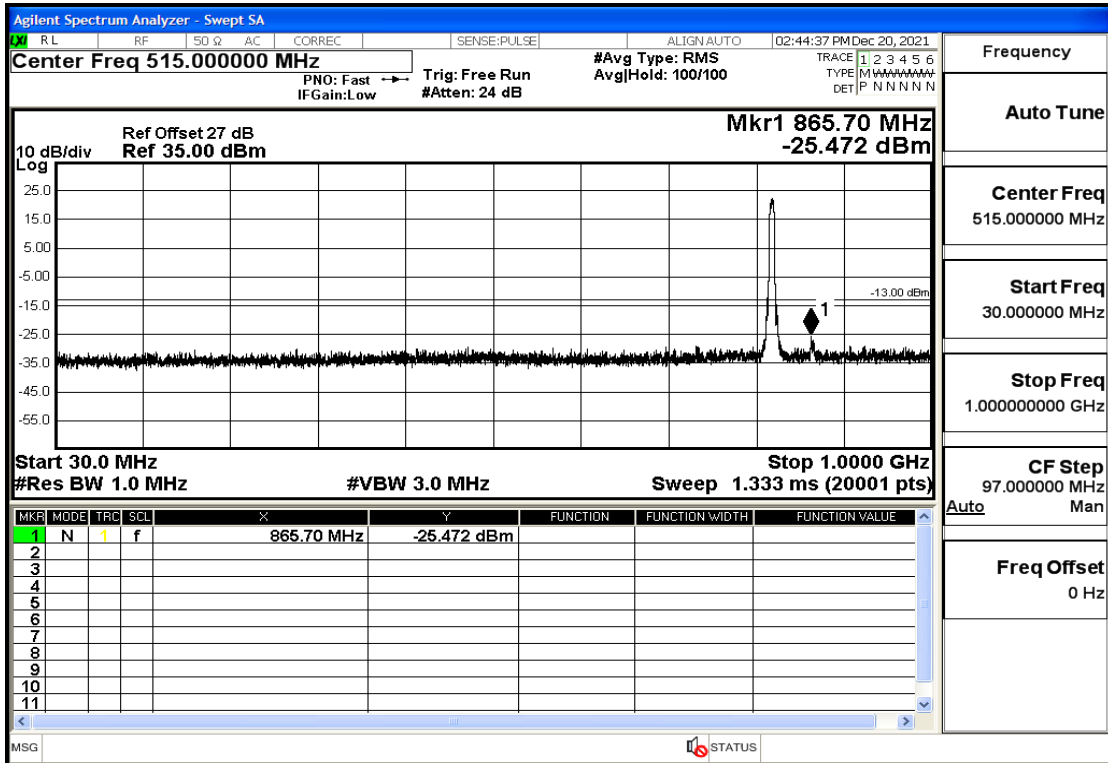
OB26A-5-819-Q16-25#LOW@30mHz-1GHz@Pass



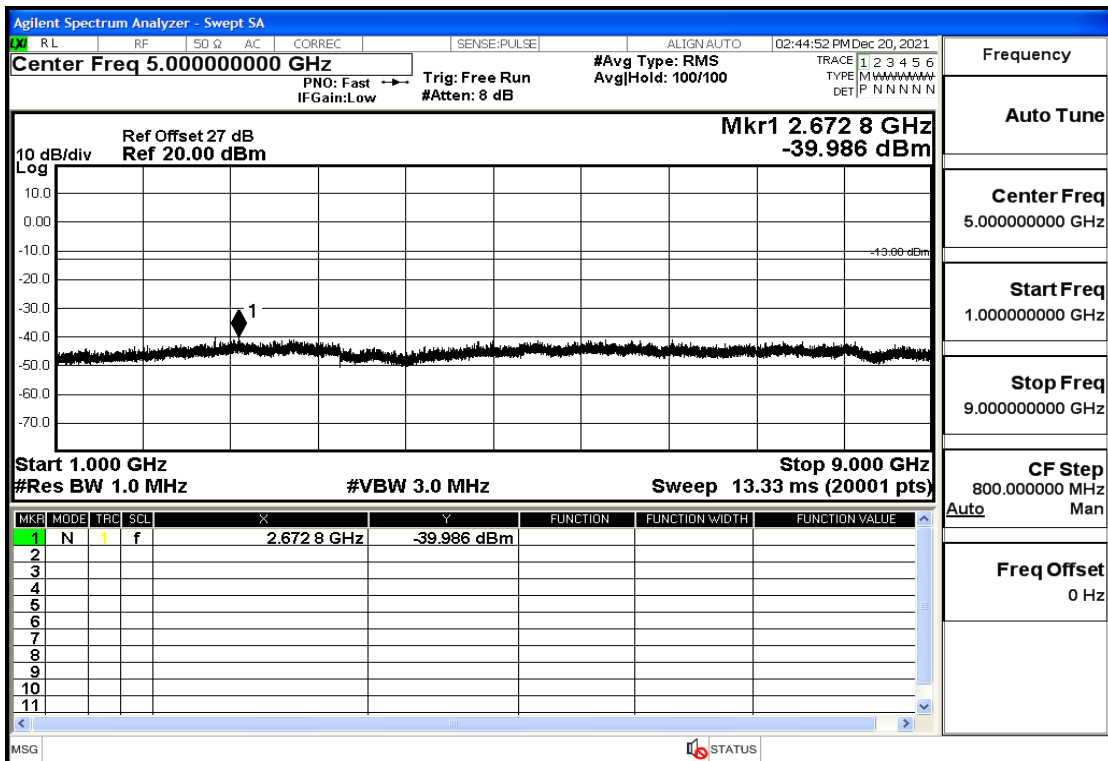
OB26A-5-819-Q16-25#LOW@1GHz-9GHz@Pass



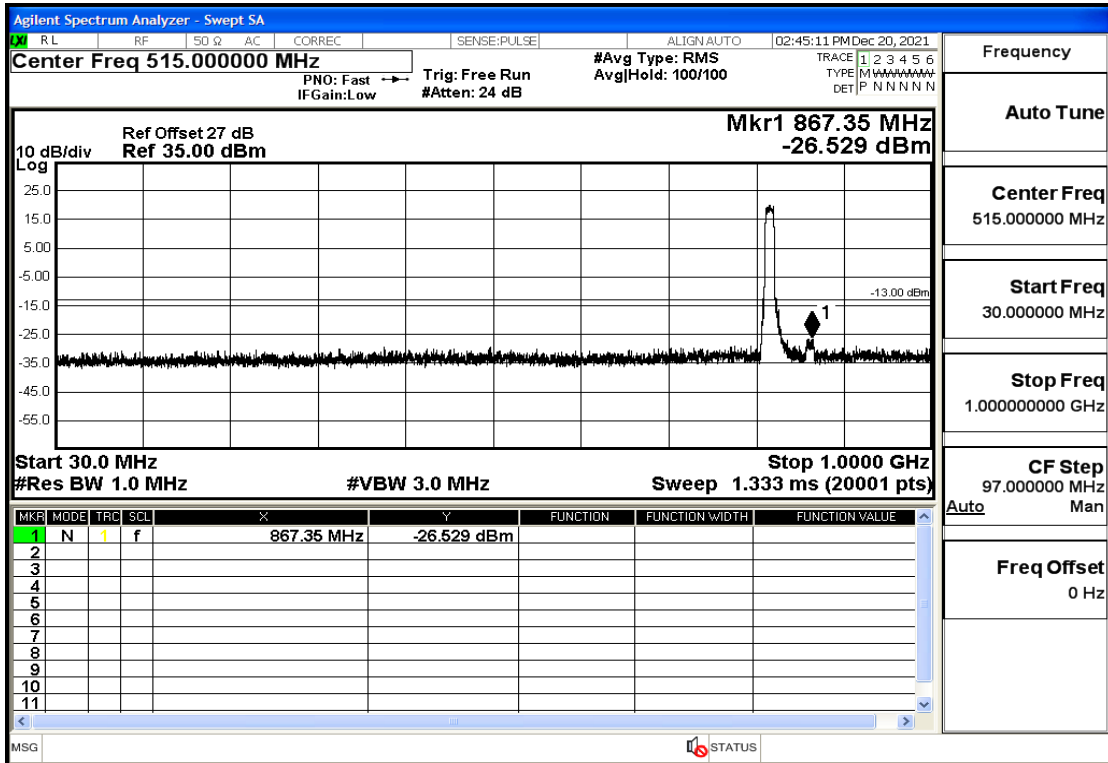
OB26A-5-821.5-Q16-25#LOW@30mHz-1GHz@Pass



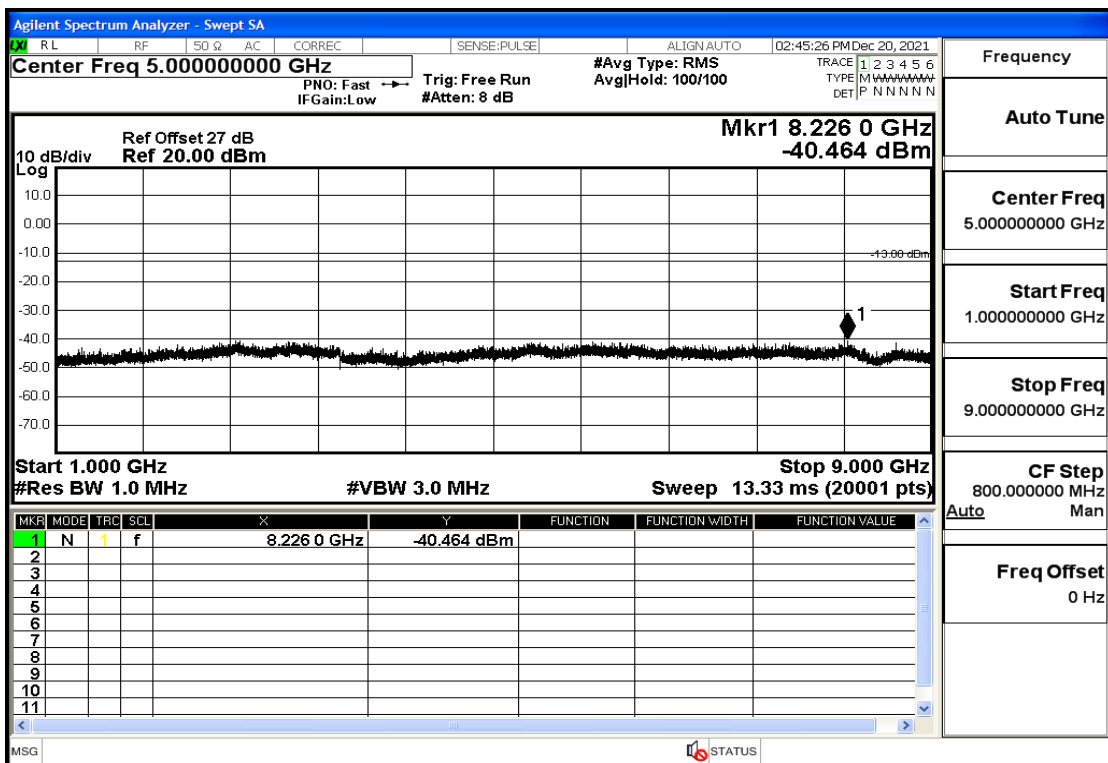
OB26A-5-821.5-Q16-25#LOW@1GHz-9GHz@Pass



OB26A-10-819-Q16-50#LOW@30mHz-1GHz@Pass



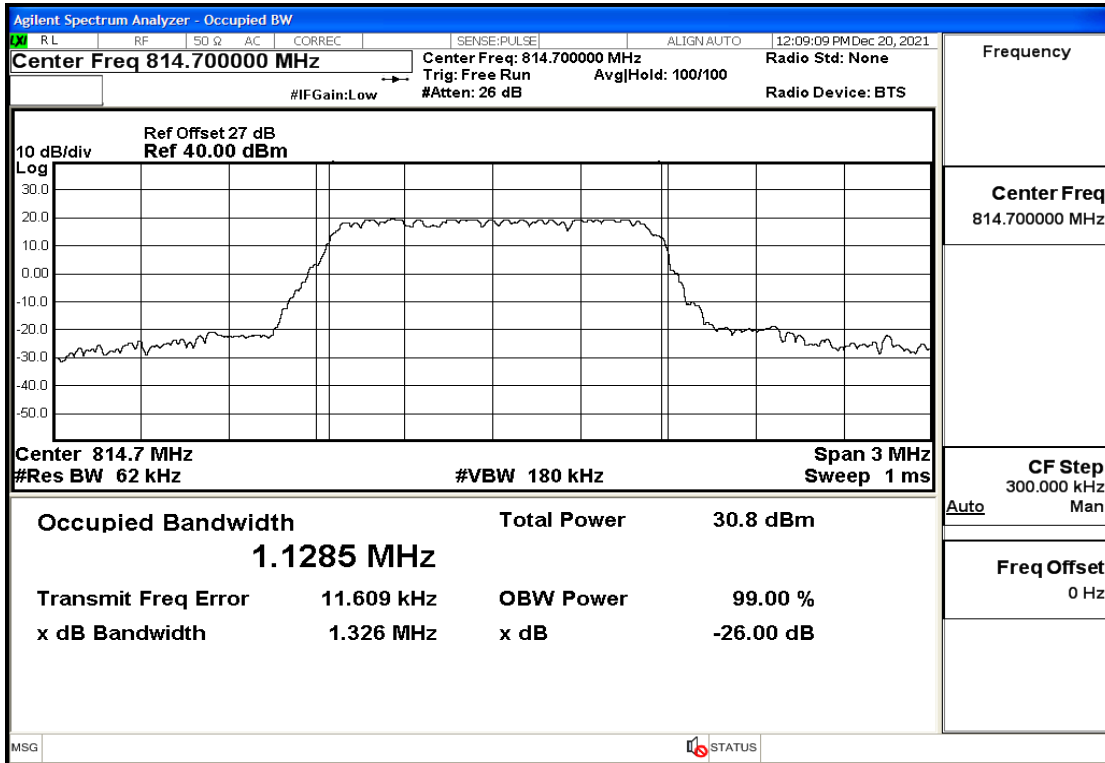
OB26A-10-819-Q16-50#LOW@1GHz-9GHz@Pass



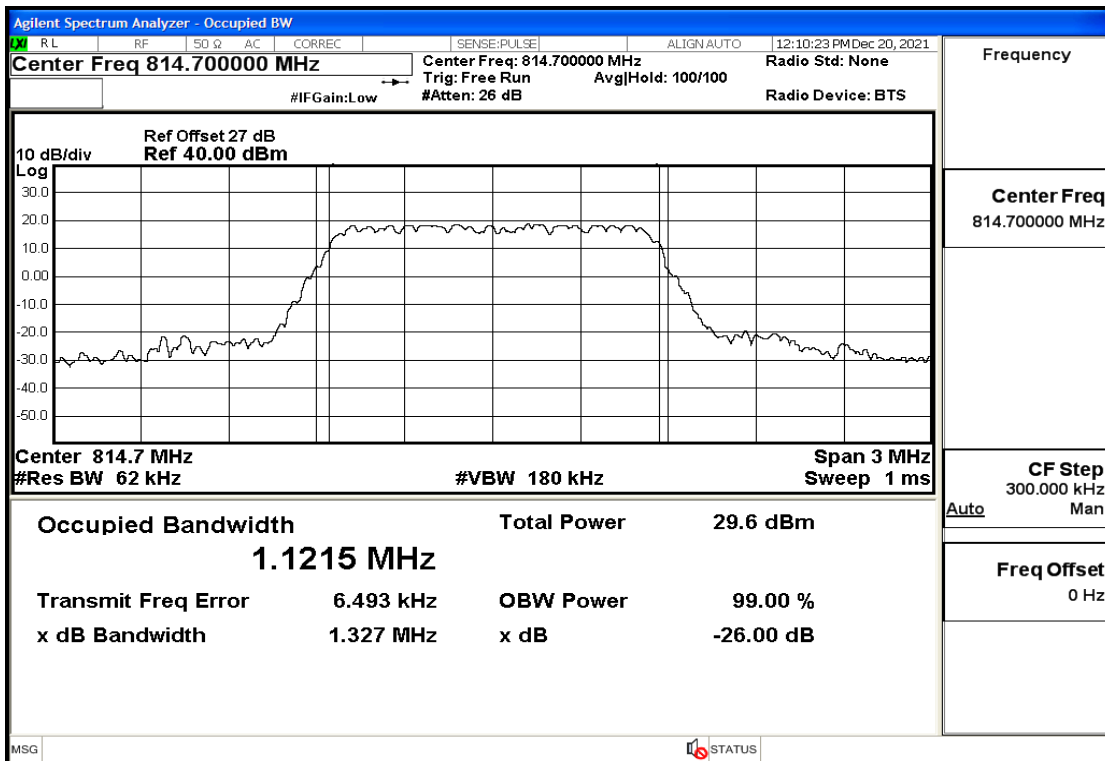
Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band26A	1.4	814.7	QPSK	6	LOW	1128.5	1326	No limit
Band26A	1.4	814.7	16QAM	6	LOW	1121.5	1327	No limit
Band26A	1.4	819	QPSK	6	LOW	1111.4	1334	No limit
Band26A	1.4	819	16QAM	6	LOW	1127.2	1317	No limit
Band26A	1.4	823.3	QPSK	6	LOW	1109.6	1346	No limit
Band26A	1.4	823.3	16QAM	6	LOW	1115.3	1334	No limit
Band26A	3	815.5	QPSK	15	LOW	2744.4	3036	No limit
Band26A	3	815.5	16QAM	15	LOW	2755.4	3056	No limit
Band26A	3	819	QPSK	15	LOW	2741.6	3041	No limit
Band26A	3	819	16QAM	15	LOW	2761.2	3023	No limit
Band26A	3	822.5	QPSK	15	LOW	2751.1	3071	No limit
Band26A	3	822.5	16QAM	15	LOW	2735.8	3067	No limit
Band26A	5	816.5	QPSK	25	LOW	4577	5183	No limit
Band26A	5	816.5	16QAM	25	LOW	4562.8	5104	No limit
Band26A	5	819	QPSK	25	LOW	4585.1	5096	No limit
Band26A	5	819	16QAM	25	LOW	4571.9	5081	No limit
Band26A	5	821.5	QPSK	25	LOW	4563.2	5044	No limit
Band26A	5	821.5	16QAM	25	LOW	4599.2	5084	No limit
Band26A	10	819	QPSK	50	LOW	9085.1	10040	No limit
Band26A	10	819	16QAM	50	LOW	9115.2	10090	No limit

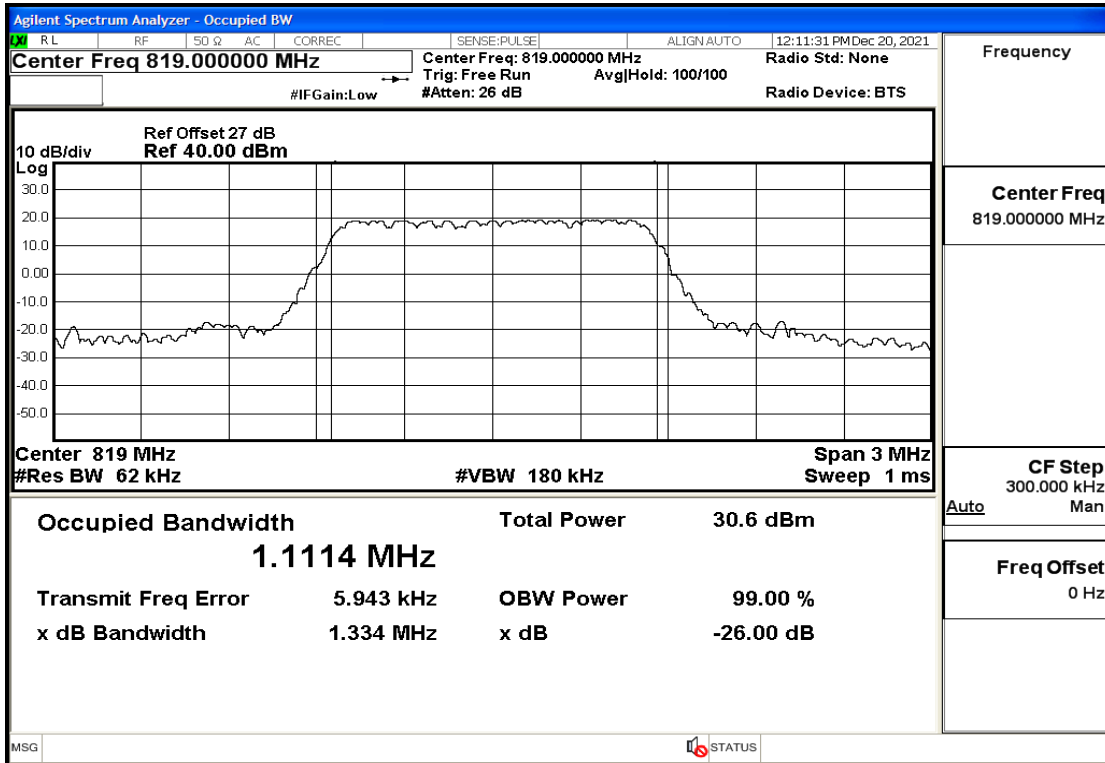
Band26A-1.4-814.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



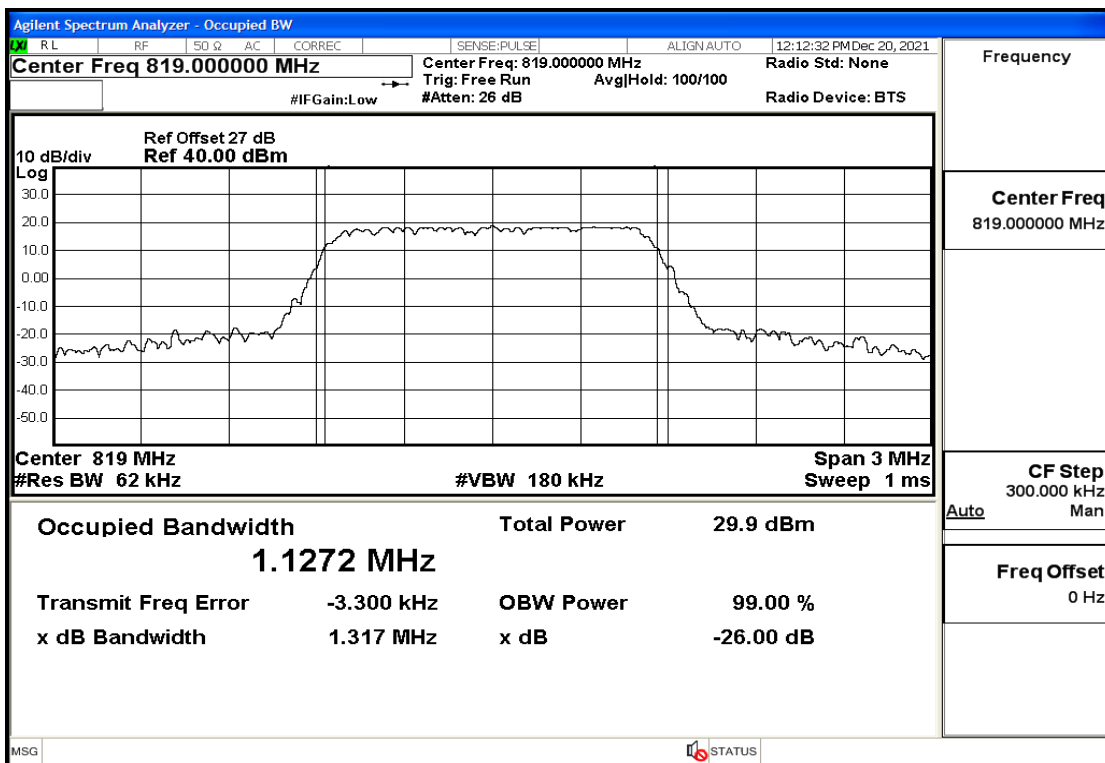
Band26A-1.4-814.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



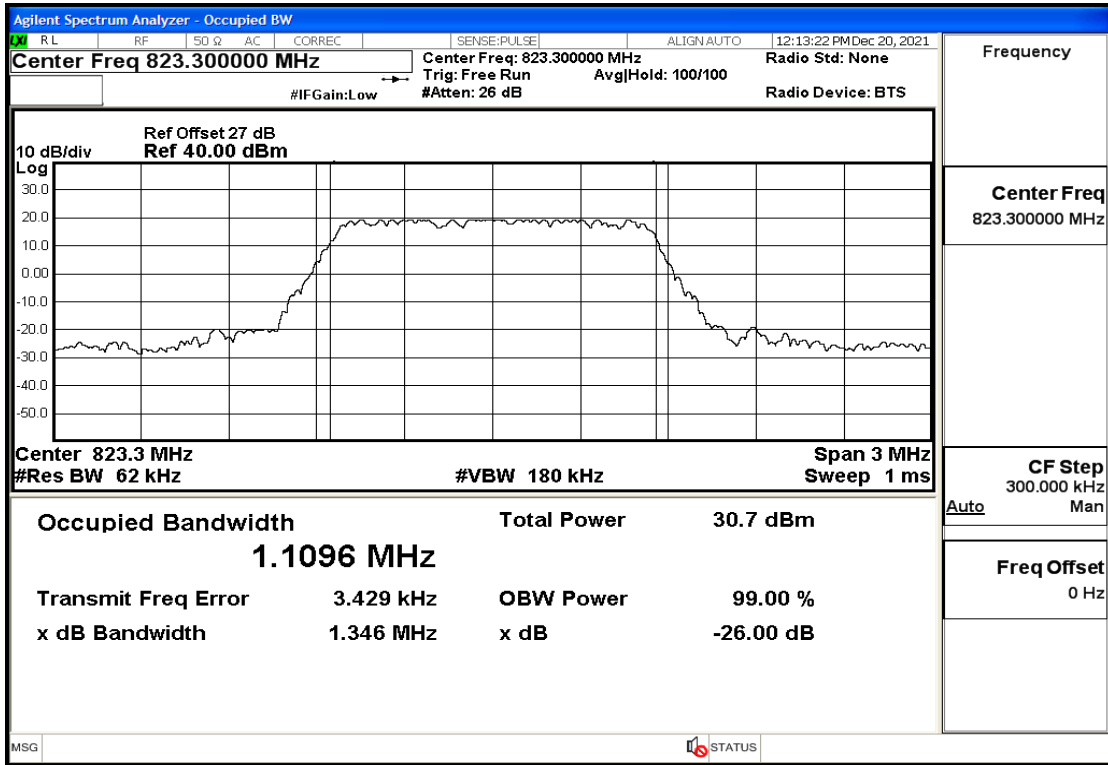
Band26A-1.4-819-QPSK-6#LOW@26dB and 99PCT Bandwidth



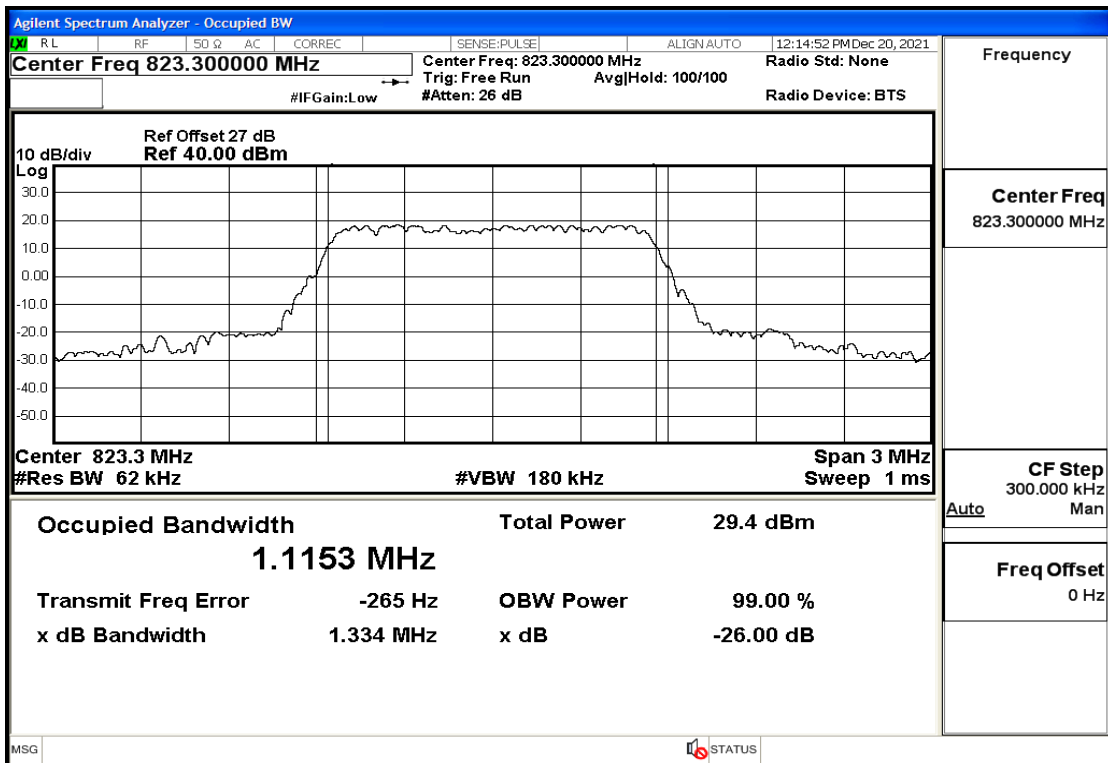
Band26A-1.4-819-16QAM-6#LOW@26dB and 99PCT Bandwidth



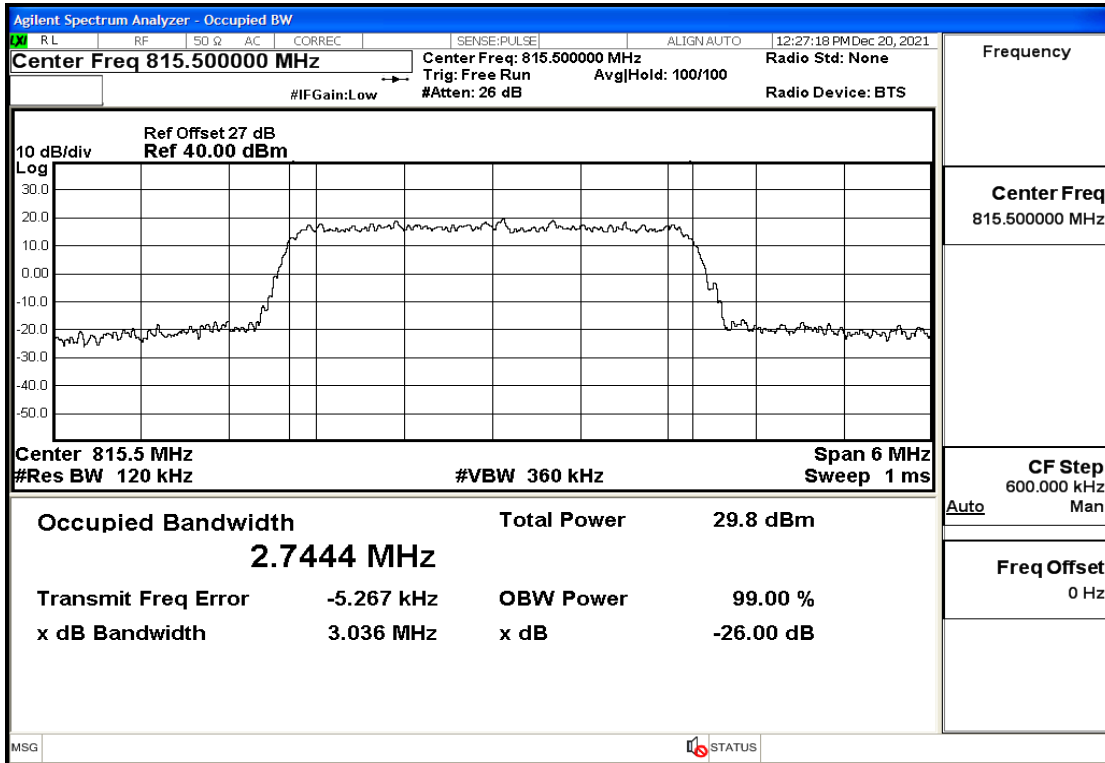
Band26A-1.4-823.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



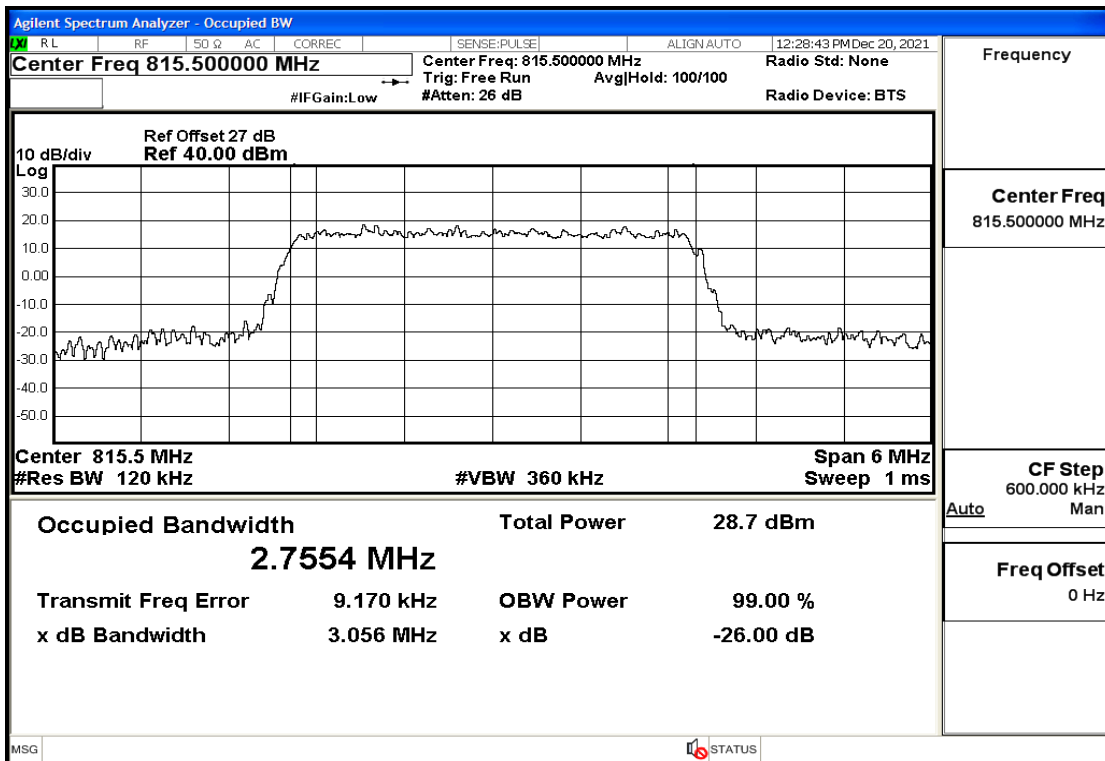
Band26A-1.4-823.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



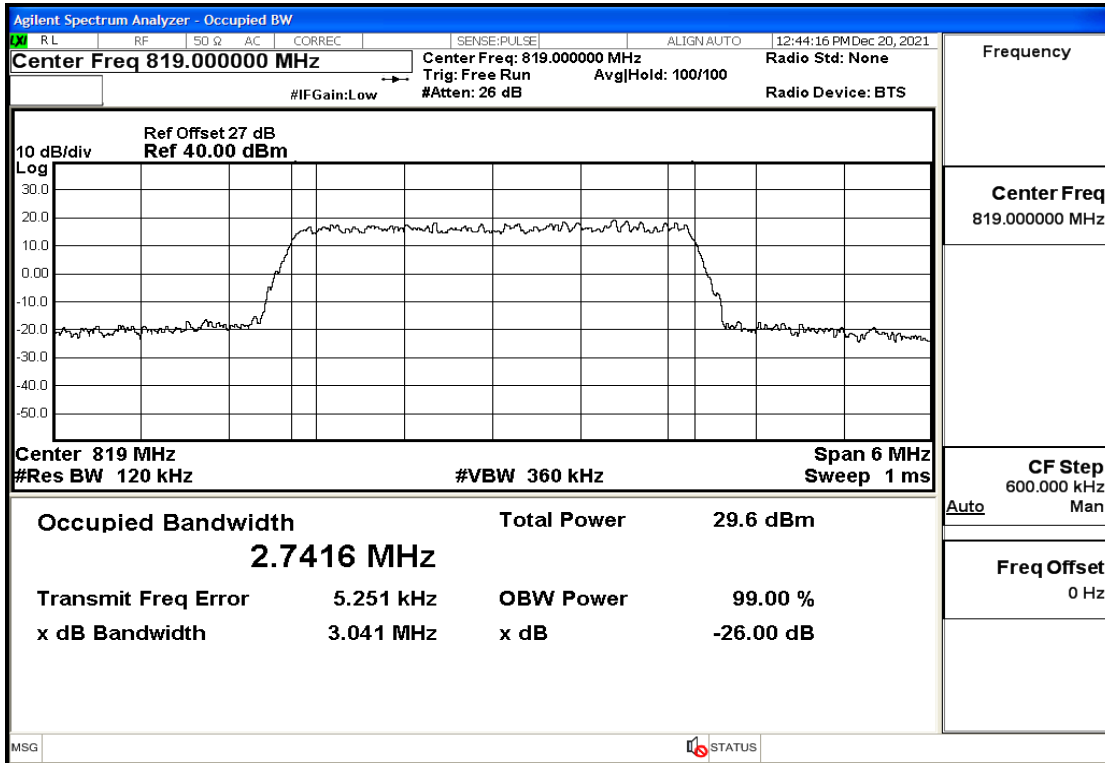
Band26A-3-815.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



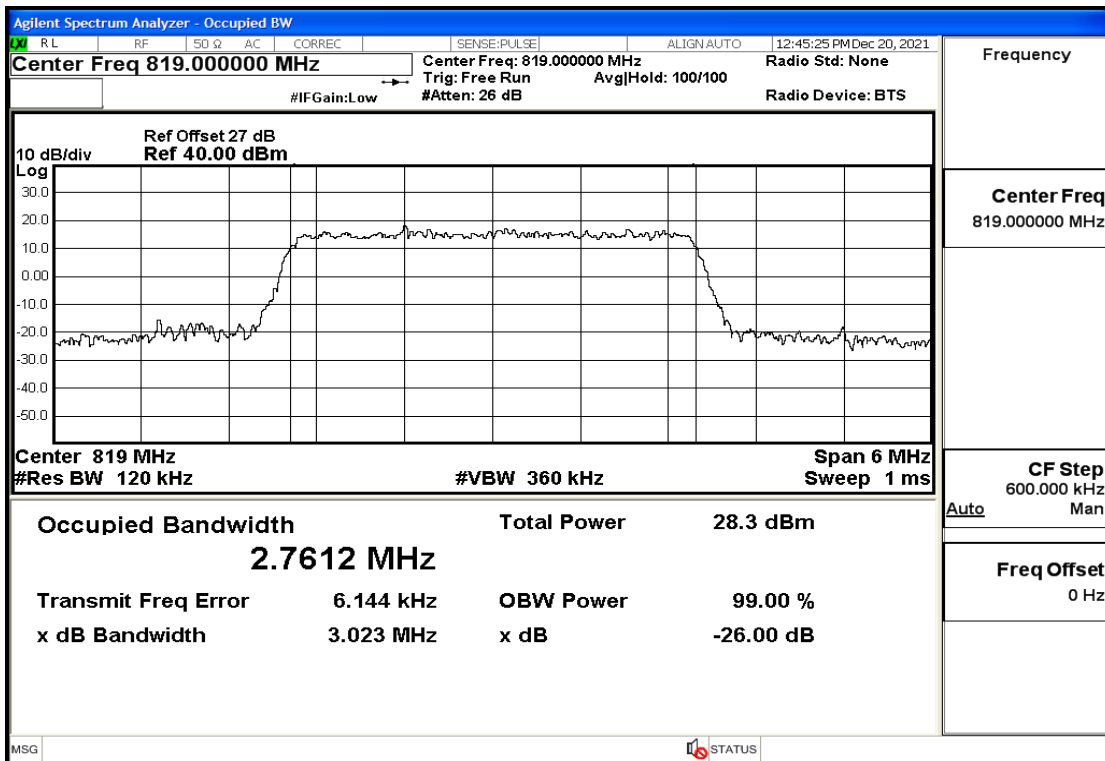
Band26A-3-815.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



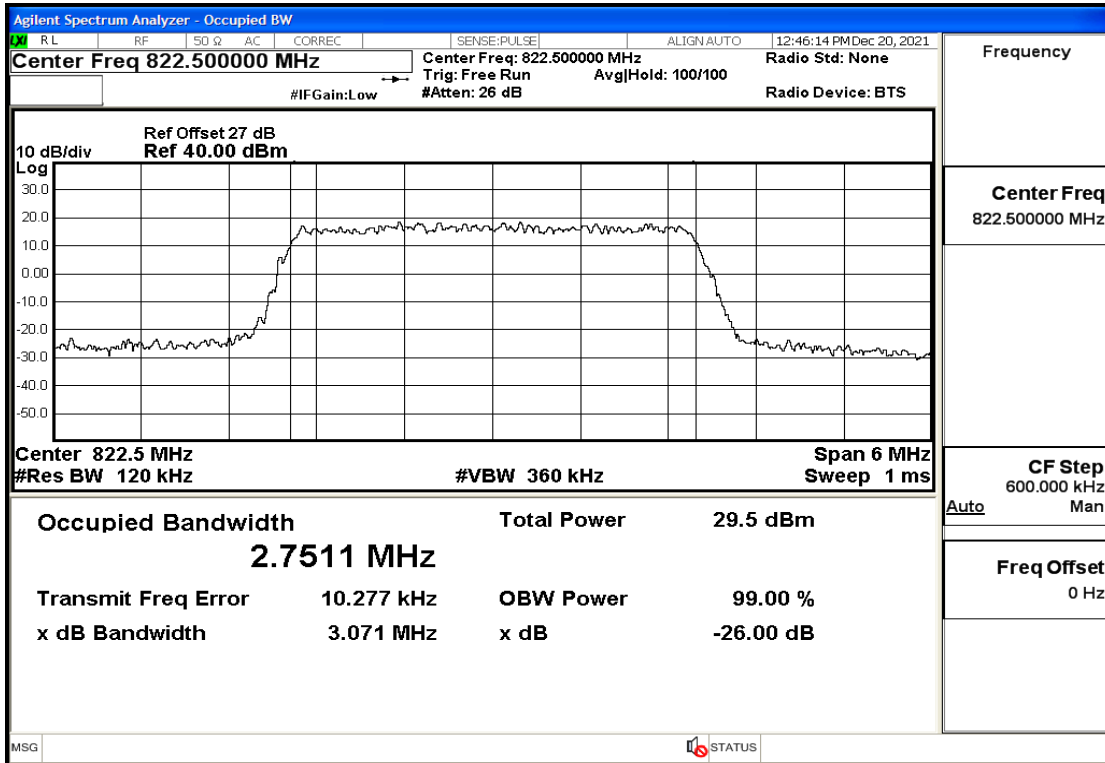
Band26A-3-819-QPSK-15#LOW@26dB and 99PCT Bandwidth



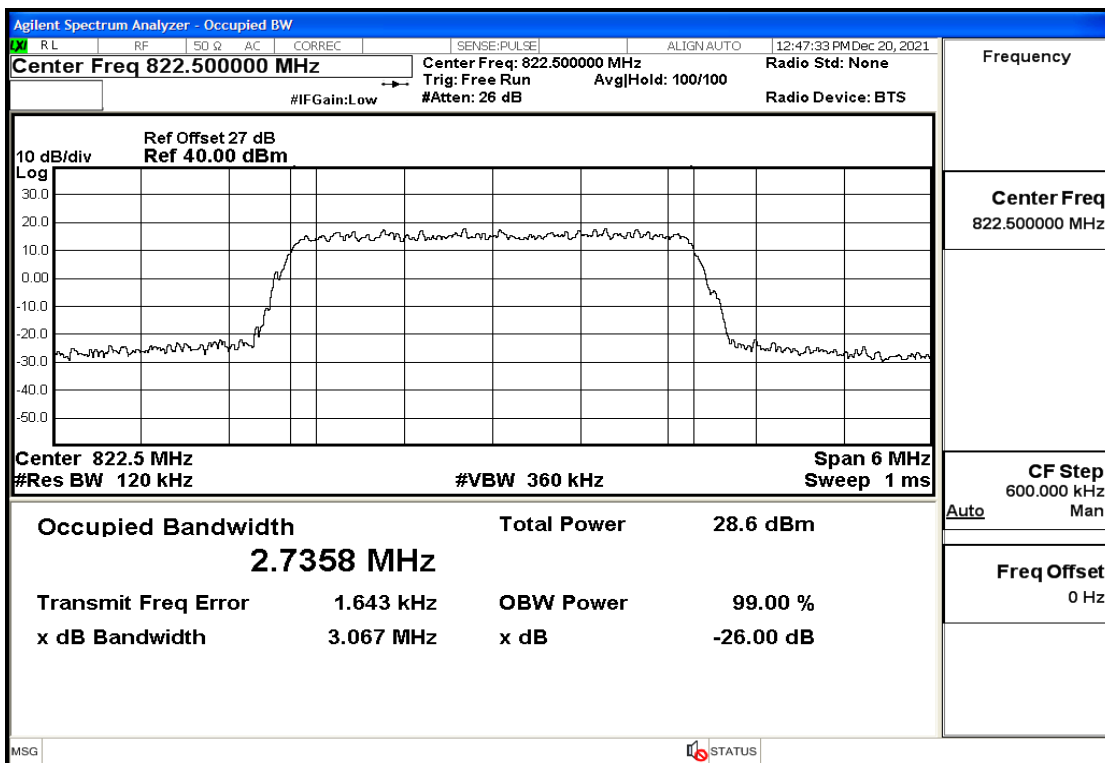
Band26A-3-819-16QAM-15#LOW@26dB and 99PCT Bandwidth



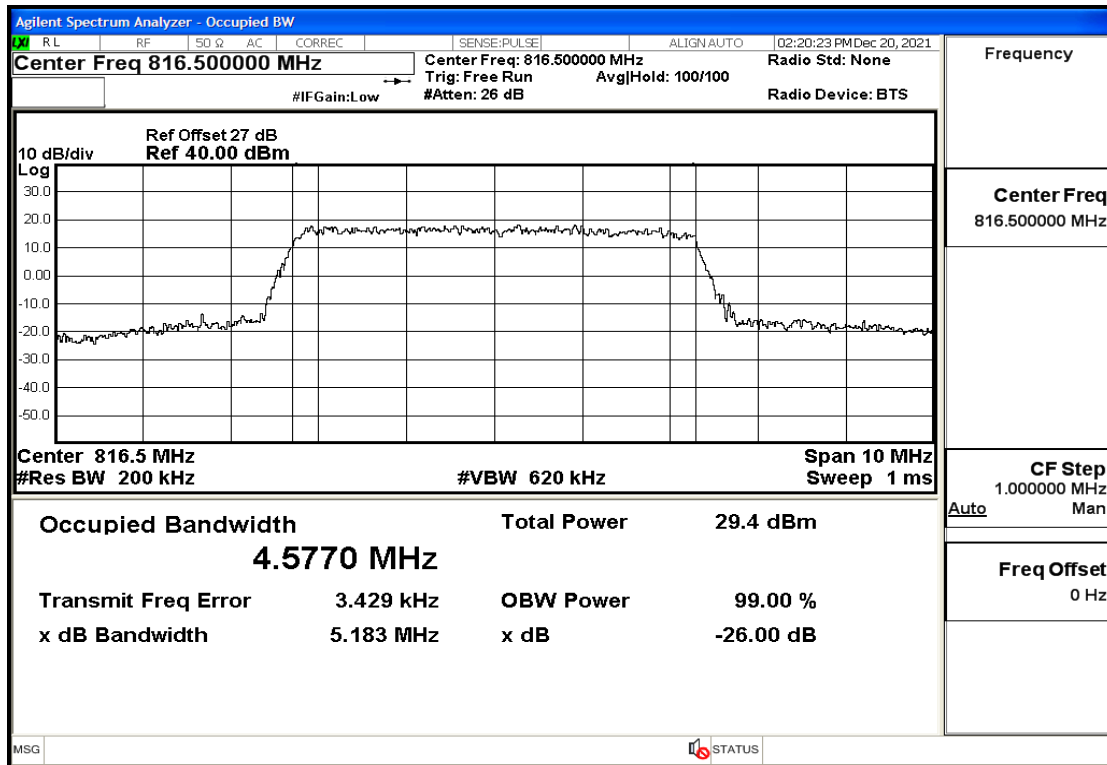
Band26A-3-822.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



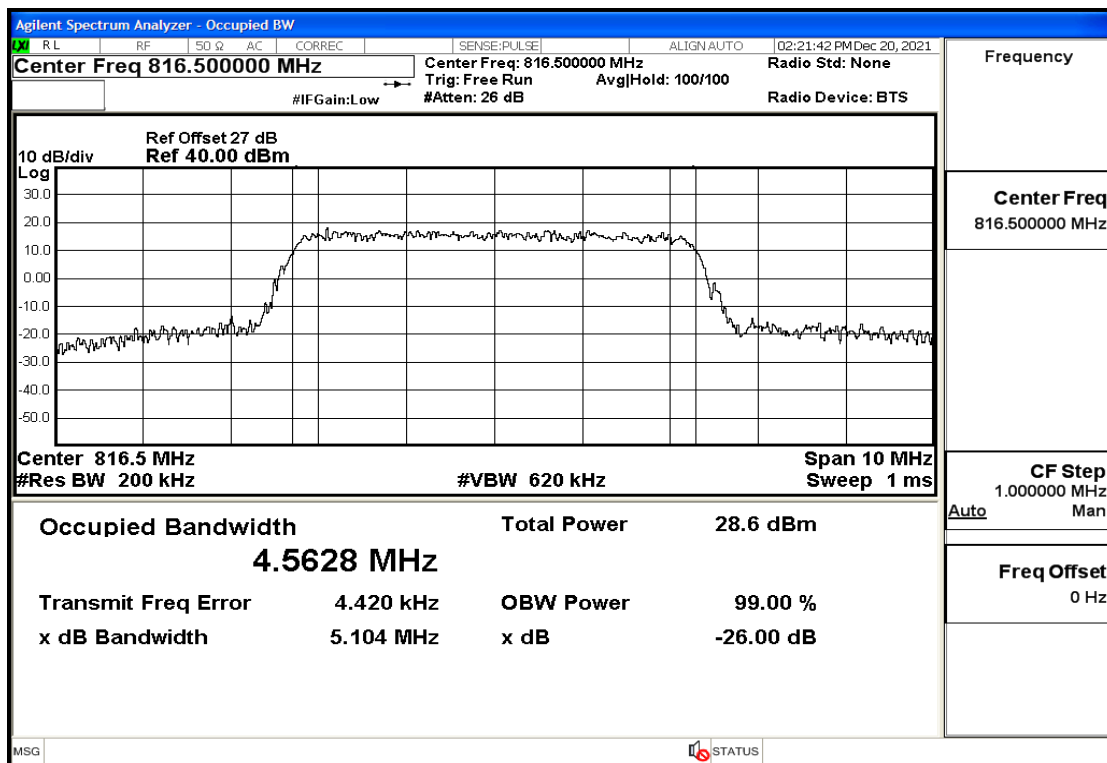
Band26A-3-822.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



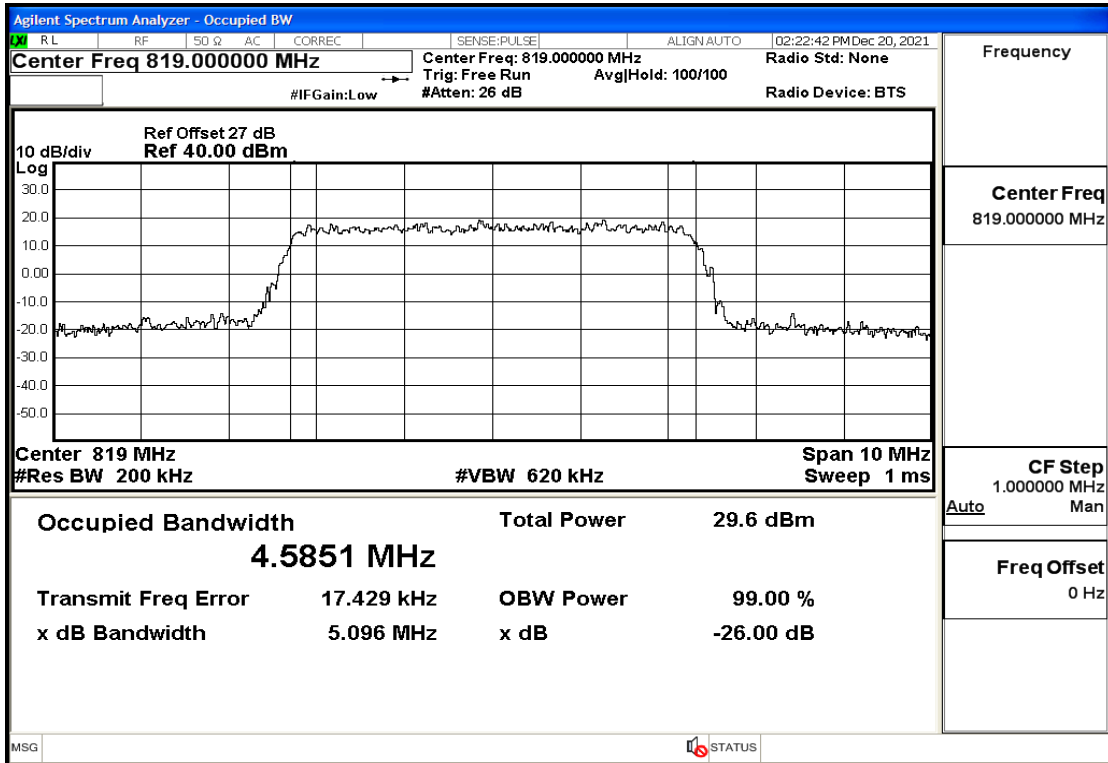
Band26A-5-816.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



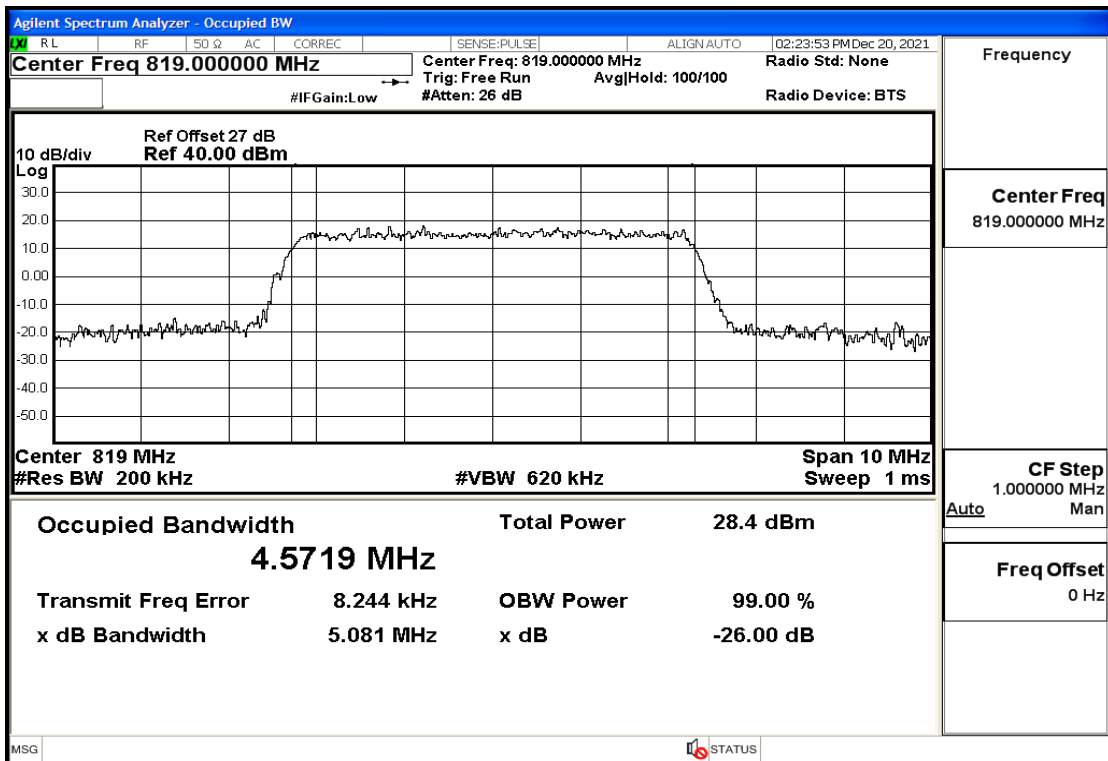
Band26A-5-816.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



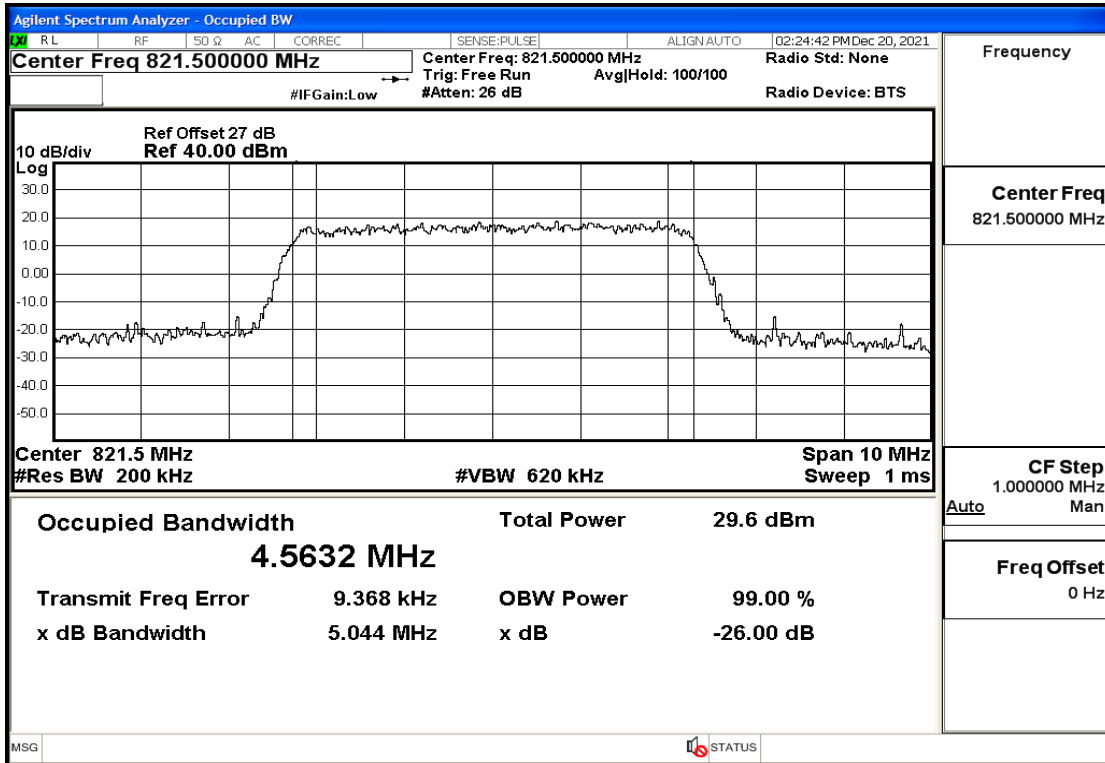
Band26A-5-819-QPSK-25#LOW@26dB and 99PCT Bandwidth



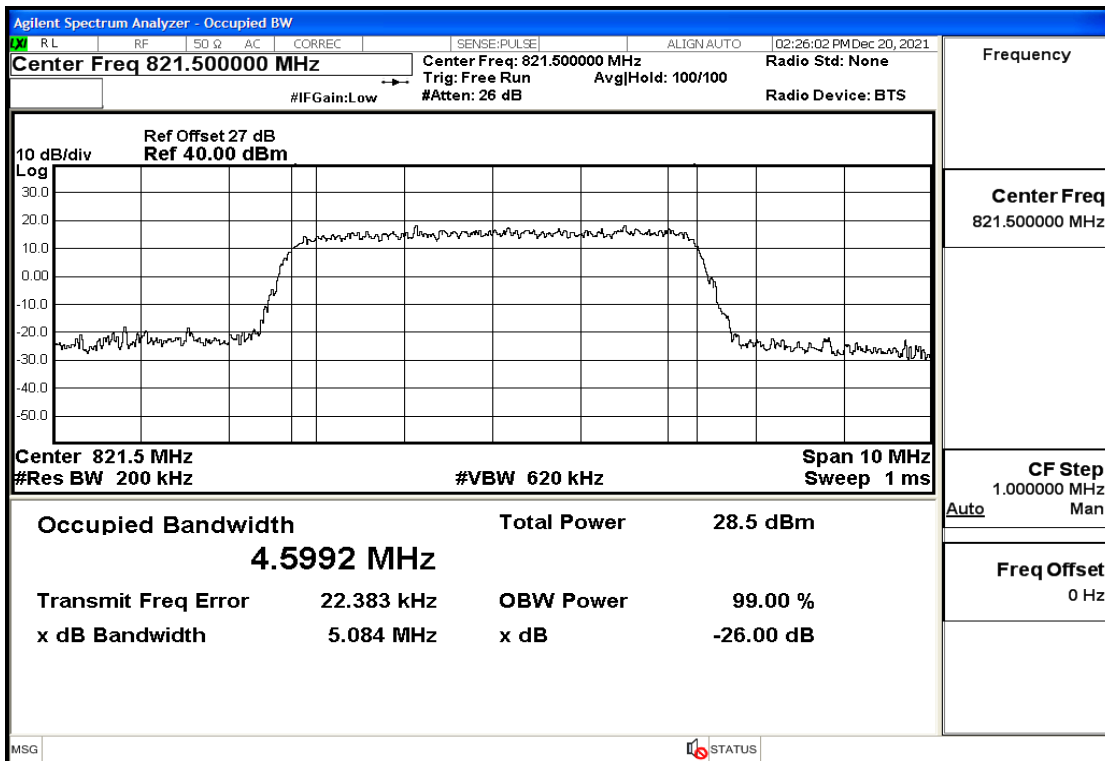
Band26A-5-819-16QAM-25#LOW@26dB and 99PCT Bandwidth



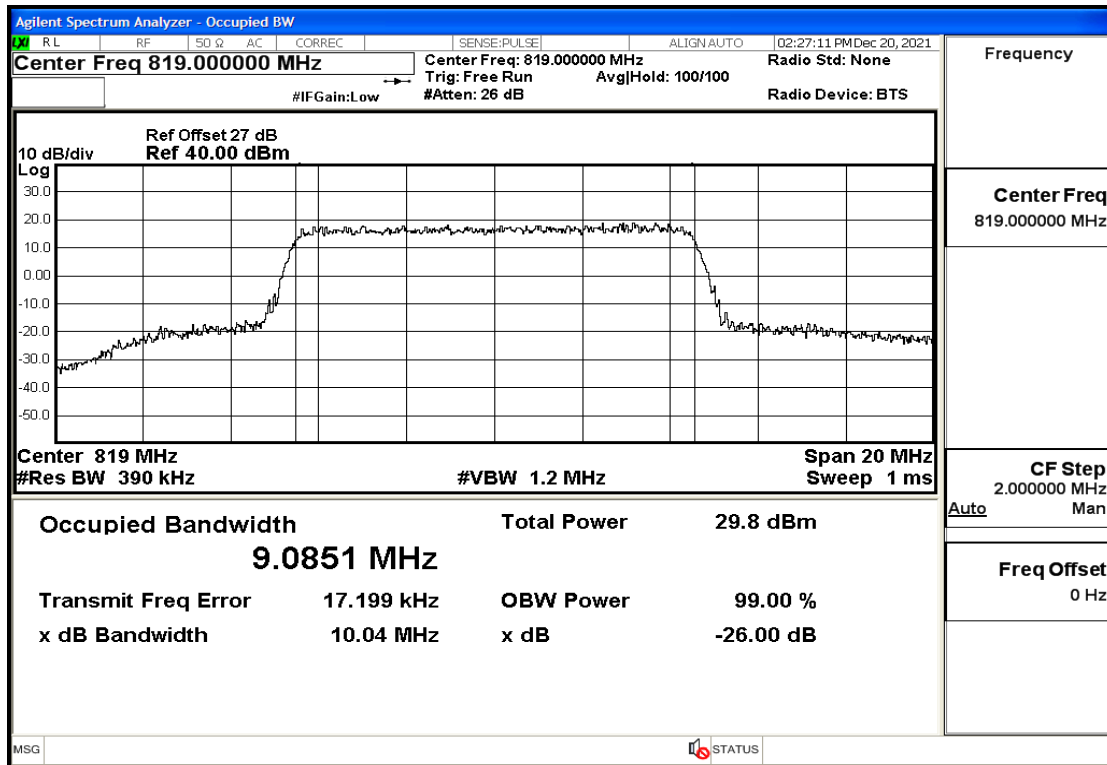
Band26A-5-821.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



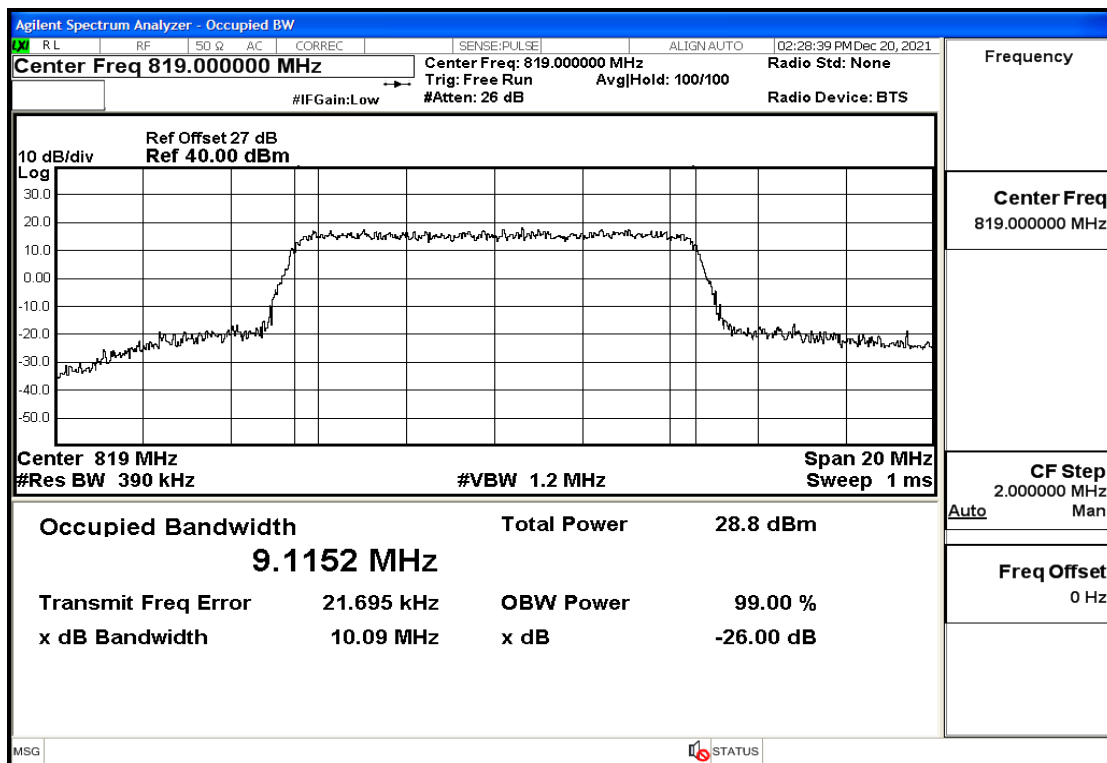
Band26A-5-821.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



Band26A-10-819-QPSK-50#LOW@26dB and 99PCT Bandwidth



Band26A-10-819-16QAM-50#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0663	PASS
40	Normal Voltage	0.0326	
30	Normal Voltage	0.0194	
20(Ref.)	Normal Voltage	0.0300	
10	Normal Voltage	0.0609	
0	Normal Voltage	0.0188	
-10	Normal Voltage	0.0426	
-20	Normal Voltage	0.0393	
-30	Normal Voltage	0.0170	
20	Maximum Voltage	0.0194	
20	Normal Voltage	0.0291	
20	Battery End Point	0.0598	

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
Band5	1.4	824.7	QPSK	6	LOW	22.02	28.69	6.67	13	0.5	20.37	38.5	Pass
Band5	1.4	824.7	QPSK	3	LOW	22.99	29.24	6.25	13	0.5	21.34	38.5	Pass
Band5	1.4	824.7	QPSK	3	MID	23.07	29.32	6.25	13	0.5	21.42	38.5	Pass
Band5	1.4	824.7	QPSK	3	HIGH	23.03	29.13	6.1	13	0.5	21.38	38.5	Pass
Band5	1.4	824.7	QPSK	1	LOW	23.1	29.16	6.06	13	0.5	21.45	38.5	Pass
Band5	1.4	824.7	QPSK	1	MID	23.05	28.96	5.91	13	0.5	21.4	38.5	Pass
Band5	1.4	824.7	QPSK	1	HIGH	23.09	28.93	5.84	13	0.5	21.44	38.5	Pass
Band5	1.4	824.7	16QAM	6	LOW	21.1	28.84	7.74	13	0.5	19.45	38.5	Pass
Band5	1.4	824.7	16QAM	3	LOW	22.15	28.66	6.51	13	0.5	20.5	38.5	Pass
Band5	1.4	824.7	16QAM	3	MID	22.12	28.63	6.51	13	0.5	20.47	38.5	Pass
Band5	1.4	824.7	16QAM	3	HIGH	22.15	28.52	6.37	13	0.5	20.5	38.5	Pass
Band5	1.4	824.7	16QAM	1	LOW	22.23	28.43	6.2	13	0.5	20.58	38.5	Pass
Band5	1.4	824.7	16QAM	1	MID	22.37	28.4	6.03	13	0.5	20.72	38.5	Pass
Band5	1.4	824.7	16QAM	1	HIGH	22.22	28.21	5.99	13	0.5	20.57	38.5	Pass
Band5	1.4	836.5	QPSK	6	LOW	22.05	28.17	6.12	13	0.5	20.4	38.5	Pass
Band5	1.4	836.5	QPSK	3	LOW	23.16	29.21	6.05	13	0.5	21.51	38.5	Pass
Band5	1.4	836.5	QPSK	3	MID	23.08	29.15	6.07	13	0.5	21.43	38.5	Pass
Band5	1.4	836.5	QPSK	3	HIGH	23.1	29.28	6.18	13	0.5	21.45	38.5	Pass
Band5	1.4	836.5	QPSK	1	LOW	23.15	28.89	5.74	13	0.5	21.5	38.5	Pass
Band5	1.4	836.5	QPSK	1	MID	23.25	29.04	5.79	13	0.5	21.6	38.5	Pass
Band5	1.4	836.5	QPSK	1	HIGH	23.09	29.06	5.97	13	0.5	21.44	38.5	Pass
Band5	1.4	836.5	16QAM	6	LOW	21.37	28.61	7.24	13	0.5	19.72	38.5	Pass
Band5	1.4	836.5	16QAM	3	LOW	22.12	29.11	6.99	13	0.5	20.47	38.5	Pass
Band5	1.4	836.5	16QAM	3	MID	22.1	29.08	6.98	13	0.5	20.45	38.5	Pass
Band5	1.4	836.5	16QAM	3	HIGH	22.18	29.3	7.12	13	0.5	20.53	38.5	Pass
Band5	1.4	836.5	16QAM	1	LOW	22.83	28.09	5.26	13	0.5	21.18	38.5	Pass
Band5	1.4	836.5	16QAM	1	MID	22.89	28.15	5.26	13	0.5	21.24	38.5	Pass
Band5	1.4	836.5	16QAM	1	HIGH	22.82	28.14	5.32	13	0.5	21.17	38.5	Pass
Band5	1.4	848.3	QPSK	6	LOW	22.25	28.54	6.29	13	0.5	20.6	38.5	Pass
Band5	1.4	848.3	QPSK	3	LOW	23.24	29.09	5.85	13	0.5	21.59	38.5	Pass
Band5	1.4	848.3	QPSK	3	MID	23.17	29.05	5.88	13	0.5	21.52	38.5	Pass
Band5	1.4	848.3	QPSK	3	HIGH	23.4	29.13	5.73	13	0.5	21.75	38.5	Pass
Band5	1.4	848.3	QPSK	1	LOW	23.56	28.48	4.92	13	0.5	21.91	38.5	Pass
Band5	1.4	848.3	QPSK	1	MID	23.32	28.51	5.19	13	0.5	21.67	38.5	Pass
Band5	1.4	848.3	QPSK	1	HIGH	23.24	28.42	5.18	13	0.5	21.59	38.5	Pass
Band5	1.4	848.3	16QAM	6	LOW	21.5	28.67	7.17	13	0.5	19.85	38.5	Pass
Band5	1.4	848.3	16QAM	3	LOW	22.34	29.12	6.78	13	0.5	20.69	38.5	Pass
Band5	1.4	848.3	16QAM	3	MID	22.3	29.08	6.78	13	0.5	20.65	38.5	Pass
Band5	1.4	848.3	16QAM	3	HIGH	22.38	29.06	6.68	13	0.5	20.73	38.5	Pass
Band5	1.4	848.3	16QAM	1	LOW	22.26	27.75	5.49	13	0.5	20.61	38.5	Pass

Band5	1.4	848.3	16QAM	1	MID	22.62	27.95	5.33	13	0.5	20.97	38.5	Pass
Band5	1.4	848.3	16QAM	1	HIGH	22.52	27.85	5.33	13	0.5	20.87	38.5	Pass
Band5	3	825.5	QPSK	15	LOW	22.07	29.3	7.23	13	0.5	20.42	38.5	Pass
Band5	3	825.5	QPSK	8	LOW	21.98	28.58	6.6	13	0.5	20.33	38.5	Pass
Band5	3	825.5	QPSK	8	MID	21.98	28.6	6.62	13	0.5	20.33	38.5	Pass
Band5	3	825.5	QPSK	8	HIGH	21.98	28.35	6.37	13	0.5	20.33	38.5	Pass
Band5	3	825.5	QPSK	1	LOW	23.07	28.69	5.62	13	0.5	21.42	38.5	Pass
Band5	3	825.5	QPSK	1	MID	22.9	28.19	5.29	13	0.5	21.25	38.5	Pass
Band5	3	825.5	QPSK	1	HIGH	22.96	28.06	5.1	13	0.5	21.31	38.5	Pass
Band5	3	825.5	16QAM	15	LOW	20.89	28.54	7.65	13	0.5	19.24	38.5	Pass
Band5	3	825.5	16QAM	8	LOW	20.87	27.78	6.91	13	0.5	19.22	38.5	Pass
Band5	3	825.5	16QAM	8	MID	20.79	27.17	6.38	13	0.5	19.14	38.5	Pass
Band5	3	825.5	16QAM	8	HIGH	20.81	27.35	6.54	13	0.5	19.16	38.5	Pass
Band5	3	825.5	16QAM	1	LOW	22	27.45	5.45	13	0.5	20.35	38.5	Pass
Band5	3	825.5	16QAM	1	MID	21.99	27.23	5.24	13	0.5	20.34	38.5	Pass
Band5	3	825.5	16QAM	1	HIGH	22.08	27.25	5.17	13	0.5	20.43	38.5	Pass
Band5	3	836.5	QPSK	15	LOW	22.1	28.91	6.81	13	0.5	20.45	38.5	Pass
Band5	3	836.5	QPSK	8	LOW	22.09	28.55	6.46	13	0.5	20.44	38.5	Pass
Band5	3	836.5	QPSK	8	MID	22.06	28.46	6.4	13	0.5	20.41	38.5	Pass
Band5	3	836.5	QPSK	8	HIGH	22.06	28.54	6.48	13	0.5	20.41	38.5	Pass
Band5	3	836.5	QPSK	1	LOW	23.14	28.44	5.3	13	0.5	21.49	38.5	Pass
Band5	3	836.5	QPSK	1	MID	23.04	28.53	5.49	13	0.5	21.39	38.5	Pass
Band5	3	836.5	QPSK	1	HIGH	23.05	28.69	5.64	13	0.5	21.4	38.5	Pass
Band5	3	836.5	16QAM	15	LOW	21.21	28.94	7.73	13	0.5	19.56	38.5	Pass
Band5	3	836.5	16QAM	8	LOW	21.18	28.35	7.17	13	0.5	19.53	38.5	Pass
Band5	3	836.5	16QAM	8	MID	21.19	28.42	7.23	13	0.5	19.54	38.5	Pass
Band5	3	836.5	16QAM	8	HIGH	21.41	28.8	7.39	13	0.5	19.76	38.5	Pass
Band5	3	836.5	16QAM	1	LOW	22.72	29.11	6.39	13	0.5	21.07	38.5	Pass
Band5	3	836.5	16QAM	1	MID	22.63	29.36	6.73	13	0.5	20.98	38.5	Pass
Band5	3	836.5	16QAM	1	HIGH	22.67	29.55	6.88	13	0.5	21.02	38.5	Pass
Band5	3	847.5	QPSK	15	LOW	22.25	28.25	6	13	0.5	20.6	38.5	Pass
Band5	3	847.5	QPSK	8	LOW	22.3	28.33	6.03	13	0.5	20.65	38.5	Pass
Band5	3	847.5	QPSK	8	MID	22.27	28.31	6.04	13	0.5	20.62	38.5	Pass
Band5	3	847.5	QPSK	8	HIGH	22.22	28.54	6.32	13	0.5	20.57	38.5	Pass
Band5	3	847.5	QPSK	1	LOW	23.29	27.89	4.6	13	0.5	21.64	38.5	Pass
Band5	3	847.5	QPSK	1	MID	23.1	28.59	5.49	13	0.5	21.45	38.5	Pass
Band5	3	847.5	QPSK	1	HIGH	23.29	28.73	5.44	13	0.5	21.64	38.5	Pass
Band5	3	847.5	16QAM	15	LOW	21.25	27.78	6.53	13	0.5	19.6	38.5	Pass
Band5	3	847.5	16QAM	8	LOW	21.15	28.06	6.91	13	0.5	19.5	38.5	Pass
Band5	3	847.5	16QAM	8	MID	21.16	28.13	6.97	13	0.5	19.51	38.5	Pass
Band5	3	847.5	16QAM	8	HIGH	21.39	28.42	7.03	13	0.5	19.74	38.5	Pass
Band5	3	847.5	16QAM	1	LOW	22.62	27.24	4.62	13	0.5	20.97	38.5	Pass
Band5	3	847.5	16QAM	1	MID	22.65	27.81	5.16	13	0.5	21	38.5	Pass
Band5	3	847.5	16QAM	1	HIGH	22.96	28.11	5.15	13	0.5	21.31	38.5	Pass
Band5	5	826.5	QPSK	25	LOW	21.71	27.95	6.24	13	0.5	20.06	38.5	Pass
Band5	5	826.5	QPSK	12	LOW	21.93	27.89	5.96	13	0.5	20.28	38.5	Pass

Band5	5	826.5	QPSK	12	MID	21.92	27.85	5.93	13	0.5	20.27	38.5	Pass
Band5	5	826.5	QPSK	12	HIGH	22.06	27.85	5.79	13	0.5	20.41	38.5	Pass
Band5	5	826.5	QPSK	1	LOW	22.95	28.94	5.99	13	0.5	21.3	38.5	Pass
Band5	5	826.5	QPSK	1	MID	23.09	28.37	5.28	13	0.5	21.44	38.5	Pass
Band5	5	826.5	QPSK	1	HIGH	22.73	28.07	5.34	13	0.5	21.08	38.5	Pass
Band5	5	826.5	16QAM	25	LOW	20.97	28.53	7.56	13	0.5	19.32	38.5	Pass
Band5	5	826.5	16QAM	12	LOW	21.13	28.29	7.16	13	0.5	19.48	38.5	Pass
Band5	5	826.5	16QAM	12	MID	21.02	28.22	7.2	13	0.5	19.37	38.5	Pass
Band5	5	826.5	16QAM	12	HIGH	21.19	27.94	6.75	13	0.5	19.54	38.5	Pass
Band5	5	826.5	16QAM	1	LOW	21.73	28.72	6.99	13	0.5	20.08	38.5	Pass
Band5	5	826.5	16QAM	1	MID	22.26	28.42	6.16	13	0.5	20.61	38.5	Pass
Band5	5	826.5	16QAM	1	HIGH	21.7	27.93	6.23	13	0.5	20.05	38.5	Pass
Band5	5	836.5	QPSK	25	LOW	22.2	28.85	6.65	13	0.5	20.55	38.5	Pass
Band5	5	836.5	QPSK	12	LOW	22.26	28.68	6.42	13	0.5	20.61	38.5	Pass
Band5	5	836.5	QPSK	12	MID	22.3	28.71	6.41	13	0.5	20.65	38.5	Pass
Band5	5	836.5	QPSK	12	HIGH	22.02	28.46	6.44	13	0.5	20.37	38.5	Pass
Band5	5	836.5	QPSK	1	LOW	22.92	29.1	6.18	13	0.5	21.27	38.5	Pass
Band5	5	836.5	QPSK	1	MID	22.89	29.36	6.47	13	0.5	21.24	38.5	Pass
Band5	5	836.5	QPSK	1	HIGH	22.82	29.67	6.85	13	0.5	21.17	38.5	Pass
Band5	5	836.5	16QAM	25	LOW	21.11	28.72	7.61	13	0.5	19.46	38.5	Pass
Band5	5	836.5	16QAM	12	LOW	21.04	28.66	7.62	13	0.5	19.39	38.5	Pass
Band5	5	836.5	16QAM	12	MID	21.13	28.75	7.62	13	0.5	19.48	38.5	Pass
Band5	5	836.5	16QAM	12	HIGH	21.11	29.08	7.97	13	0.5	19.46	38.5	Pass
Band5	5	836.5	16QAM	1	LOW	21.62	27.56	5.94	13	0.5	19.97	38.5	Pass
Band5	5	836.5	16QAM	1	MID	22.37	28.39	6.02	13	0.5	20.72	38.5	Pass
Band5	5	836.5	16QAM	1	HIGH	21.35	27.51	6.16	13	0.5	19.7	38.5	Pass
Band5	5	846.5	QPSK	25	LOW	22.35	28.96	6.61	13	0.5	20.7	38.5	Pass
Band5	5	846.5	QPSK	12	LOW	22.3	28.1	5.8	13	0.5	20.65	38.5	Pass
Band5	5	846.5	QPSK	12	MID	22.27	28.17	5.9	13	0.5	20.62	38.5	Pass
Band5	5	846.5	QPSK	12	HIGH	22.38	29.03	6.65	13	0.5	20.73	38.5	Pass
Band5	5	846.5	QPSK	1	LOW	22.84	27.66	4.82	13	0.5	21.19	38.5	Pass
Band5	5	846.5	QPSK	1	MID	23.12	28.15	5.03	13	0.5	21.47	38.5	Pass
Band5	5	846.5	QPSK	1	HIGH	22.88	28.54	5.66	13	0.5	21.23	38.5	Pass
Band5	5	846.5	16QAM	25	LOW	21.32	28.66	7.34	13	0.5	19.67	38.5	Pass
Band5	5	846.5	16QAM	12	LOW	21.17	27.69	6.52	13	0.5	19.52	38.5	Pass
Band5	5	846.5	16QAM	12	MID	21.18	27.64	6.46	13	0.5	19.53	38.5	Pass
Band5	5	846.5	16QAM	12	HIGH	21.32	28.39	7.07	13	0.5	19.67	38.5	Pass
Band5	5	846.5	16QAM	1	LOW	22.01	27.43	5.42	13	0.5	20.36	38.5	Pass
Band5	5	846.5	16QAM	1	MID	22.67	28.17	5.5	13	0.5	21.02	38.5	Pass
Band5	5	846.5	16QAM	1	HIGH	22.55	28.64	6.09	13	0.5	20.9	38.5	Pass
Band5	10	829	QPSK	50	LOW	22.03	27.29	5.26	13	0.5	20.38	38.5	Pass
Band5	10	829	QPSK	25	LOW	22.03	28.44	6.41	13	0.5	20.38	38.5	Pass
Band5	10	829	QPSK	25	MID	21.96	28.39	6.43	13	0.5	20.31	38.5	Pass
Band5	10	829	QPSK	25	HIGH	22.13	28.22	6.09	13	0.5	20.48	38.5	Pass
Band5	10	829	QPSK	1	LOW	23.07	28.67	5.6	13	0.5	21.42	38.5	Pass
Band5	10	829	QPSK	1	MID	23.36	27.94	4.58	13	0.5	21.71	38.5	Pass

Band5	10	829	QPSK	1	HIGH	22.93	28.1	5.17	13	0.5	21.28	38.5	Pass
Band5	10	829	16QAM	50	LOW	20.98	28.43	7.45	13	0.5	19.33	38.5	Pass
Band5	10	829	16QAM	25	LOW	21.04	28.24	7.2	13	0.5	19.39	38.5	Pass
Band5	10	829	16QAM	25	MID	20.96	28.21	7.25	13	0.5	19.31	38.5	Pass
Band5	10	829	16QAM	25	HIGH	21.16	28.09	6.93	13	0.5	19.51	38.5	Pass
Band5	10	829	16QAM	1	LOW	22.39	27.82	5.43	13	0.5	20.74	38.5	Pass
Band5	10	829	16QAM	1	MID	22.83	27.52	4.69	13	0.5	21.18	38.5	Pass
Band5	10	829	16QAM	1	HIGH	22.2	27.37	5.17	13	0.5	20.55	38.5	Pass
Band5	10	836.5	QPSK	50	LOW	22.1	28.67	6.57	13	0.5	20.45	38.5	Pass
Band5	10	836.5	QPSK	25	LOW	22.12	28.66	6.54	13	0.5	20.47	38.5	Pass
Band5	10	836.5	QPSK	25	MID	22.18	28.7	6.52	13	0.5	20.53	38.5	Pass
Band5	10	836.5	QPSK	25	HIGH	22.14	28.87	6.73	13	0.5	20.49	38.5	Pass
Band5	10	836.5	QPSK	1	LOW	23.05	27.83	4.78	13	0.5	21.4	38.5	Pass
Band5	10	836.5	QPSK	1	MID	23.24	28.67	5.43	13	0.5	21.59	38.5	Pass
Band5	10	836.5	QPSK	1	HIGH	23.28	28.44	5.16	13	0.5	21.63	38.5	Pass
Band5	10	836.5	16QAM	50	LOW	21.14	28.93	7.79	13	0.5	19.49	38.5	Pass
Band5	10	836.5	16QAM	25	LOW	21.17	28.58	7.41	13	0.5	19.52	38.5	Pass
Band5	10	836.5	16QAM	25	MID	21.18	28.63	7.45	13	0.5	19.53	38.5	Pass
Band5	10	836.5	16QAM	25	HIGH	21.18	28.92	7.74	13	0.5	19.53	38.5	Pass
Band5	10	836.5	16QAM	1	LOW	22.55	28.41	5.86	13	0.5	20.9	38.5	Pass
Band5	10	836.5	16QAM	1	MID	23.53	29.79	6.26	13	0.5	21.88	38.5	Pass
Band5	10	836.5	16QAM	1	HIGH	22.76	29.12	6.36	13	0.5	21.11	38.5	Pass
Band5	10	844	QPSK	50	LOW	22.3	28.68	6.38	13	0.5	20.65	38.5	Pass
Band5	10	844	QPSK	25	LOW	22.27	28.4	6.13	13	0.5	20.62	38.5	Pass
Band5	10	844	QPSK	25	MID	22.3	28.43	6.13	13	0.5	20.65	38.5	Pass
Band5	10	844	QPSK	25	HIGH	22.31	28.35	6.04	13	0.5	20.66	38.5	Pass
Band5	10	844	QPSK	1	LOW	23.14	29.02	5.88	13	0.5	21.49	38.5	Pass
Band5	10	844	QPSK	1	MID	23.21	27.78	4.57	13	0.5	21.56	38.5	Pass
Band5	10	844	QPSK	1	HIGH	23.1	28.84	5.74	13	0.5	21.45	38.5	Pass
Band5	10	844	16QAM	50	LOW	21.12	28.26	7.14	13	0.5	19.47	38.5	Pass
Band5	10	844	16QAM	25	LOW	21	28.16	7.16	13	0.5	19.35	38.5	Pass
Band5	10	844	16QAM	25	MID	21.04	28.2	7.16	13	0.5	19.39	38.5	Pass
Band5	10	844	16QAM	25	HIGH	21.05	28.43	7.38	13	0.5	19.4	38.5	Pass
Band5	10	844	16QAM	1	LOW	22.86	28.1	5.24	13	0.5	21.21	38.5	Pass
Band5	10	844	16QAM	1	MID	22.98	27.35	4.37	13	0.5	21.33	38.5	Pass
Band5	10	844	16QAM	1	HIGH	23.52	28.38	4.86	13	0.5	21.87	38.5	Pass
Band26A	1.4	814.7	QPSK	6	LOW	22.16	28.05	5.89	13	0.5	20.51	50	Pass
Band26A	1.4	814.7	QPSK	3	LOW	22.97	28.55	5.58	13	0.5	21.32	50	Pass
Band26A	1.4	814.7	QPSK	3	MID	22.93	28.52	5.59	13	0.5	21.28	50	Pass
Band26A	1.4	814.7	QPSK	3	HIGH	22.91	28.35	5.44	13	0.5	21.26	50	Pass
Band26A	1.4	814.7	QPSK	1	LOW	23.05	28.09	5.04	13	0.5	21.4	50	Pass
Band26A	1.4	814.7	QPSK	1	MID	23.21	27.97	4.76	13	0.5	21.56	50	Pass
Band26A	1.4	814.7	QPSK	1	HIGH	23.16	27.87	4.71	13	0.5	21.51	50	Pass
Band26A	1.4	814.7	16QAM	6	LOW	21.12	27.42	6.3	13	0.5	19.47	50	Pass
Band26A	1.4	814.7	16QAM	3	LOW	22.15	28.56	6.41	13	0.5	20.5	50	Pass
Band26A	1.4	814.7	16QAM	3	MID	22.14	28.56	6.42	13	0.5	20.49	50	Pass

Band26A	1.4	814.7	16QAM	3	HIGH	22.12	28.38	6.26	13	0.5	20.47	50	Pass
Band26A	1.4	814.7	16QAM	1	LOW	22.44	27.49	5.05	13	0.5	20.79	50	Pass
Band26A	1.4	814.7	16QAM	1	MID	22.41	27.35	4.94	13	0.5	20.76	50	Pass
Band26A	1.4	814.7	16QAM	1	HIGH	22.32	27.2	4.88	13	0.5	20.67	50	Pass
Band26A	1.4	819	QPSK	6	LOW	21.99	28.24	6.25	13	0.5	20.34	50	Pass
Band26A	1.4	819	QPSK	3	LOW	23.02	28.29	5.27	13	0.5	21.37	50	Pass
Band26A	1.4	819	QPSK	3	MID	22.96	28.21	5.25	13	0.5	21.31	50	Pass
Band26A	1.4	819	QPSK	3	HIGH	22.97	28.47	5.5	13	0.5	21.32	50	Pass
Band26A	1.4	819	QPSK	1	LOW	23.23	28.11	4.88	13	0.5	21.58	50	Pass
Band26A	1.4	819	QPSK	1	MID	23.27	28.25	4.98	13	0.5	21.62	50	Pass
Band26A	1.4	819	QPSK	1	HIGH	23.11	28.33	5.22	13	0.5	21.46	50	Pass
Band26A	1.4	819	16QAM	6	LOW	20.79	27.49	6.7	13	0.5	19.14	50	Pass
Band26A	1.4	819	16QAM	3	LOW	22.05	27.85	5.8	13	0.5	20.4	50	Pass
Band26A	1.4	819	16QAM	3	MID	22.16	27.9	5.74	13	0.5	20.51	50	Pass
Band26A	1.4	819	16QAM	3	HIGH	22.11	28.02	5.91	13	0.5	20.46	50	Pass
Band26A	1.4	819	16QAM	1	LOW	22.39	27.73	5.34	13	0.5	20.74	50	Pass
Band26A	1.4	819	16QAM	1	MID	22.53	27.89	5.36	13	0.5	20.88	50	Pass
Band26A	1.4	819	16QAM	1	HIGH	22.17	27.79	5.62	13	0.5	20.52	50	Pass
Band26A	1.4	823.3	QPSK	6	LOW	22.08	28.1	6.02	13	0.5	20.43	50	Pass
Band26A	1.4	823.3	QPSK	3	LOW	22.94	28.91	5.97	13	0.5	21.29	50	Pass
Band26A	1.4	823.3	QPSK	3	MID	23	28.95	5.95	13	0.5	21.35	50	Pass
Band26A	1.4	823.3	QPSK	3	HIGH	22.98	28.97	5.99	13	0.5	21.33	50	Pass
Band26A	1.4	823.3	QPSK	1	LOW	23.03	28.85	5.82	13	0.5	21.38	50	Pass
Band26A	1.4	823.3	QPSK	1	MID	22.99	28.82	5.83	13	0.5	21.34	50	Pass
Band26A	1.4	823.3	QPSK	1	HIGH	22.88	28.79	5.91	13	0.5	21.23	50	Pass
Band26A	1.4	823.3	16QAM	6	LOW	20.88	27.82	6.94	13	0.5	19.23	50	Pass
Band26A	1.4	823.3	16QAM	3	LOW	21.97	29.11	7.14	13	0.5	20.32	50	Pass
Band26A	1.4	823.3	16QAM	3	MID	22.03	29.16	7.13	13	0.5	20.38	50	Pass
Band26A	1.4	823.3	16QAM	3	HIGH	21.98	29.05	7.07	13	0.5	20.33	50	Pass
Band26A	1.4	823.3	16QAM	1	LOW	22.14	27.35	5.21	13	0.5	20.49	50	Pass
Band26A	1.4	823.3	16QAM	1	MID	22.83	27.86	5.03	13	0.5	21.18	50	Pass
Band26A	1.4	823.3	16QAM	1	HIGH	22.84	27.99	5.15	13	0.5	21.19	50	Pass
Band26A	3	815.5	QPSK	15	LOW	22.2	27.89	5.69	13	0.5	20.55	50	Pass
Band26A	3	815.5	QPSK	8	LOW	22.05	27.58	5.53	13	0.5	20.4	50	Pass
Band26A	3	815.5	QPSK	8	MID	22.05	27.6	5.55	13	0.5	20.4	50	Pass
Band26A	3	815.5	QPSK	8	HIGH	22.06	27.34	5.28	13	0.5	20.41	50	Pass
Band26A	3	815.5	QPSK	1	LOW	22.97	27.59	4.62	13	0.5	21.32	50	Pass
Band26A	3	815.5	QPSK	1	MID	22.92	27.12	4.2	13	0.5	21.27	50	Pass
Band26A	3	815.5	QPSK	1	HIGH	23.17	27.2	4.03	13	0.5	21.52	50	Pass
Band26A	3	815.5	16QAM	15	LOW	21.02	27.67	6.65	13	0.5	19.37	50	Pass
Band26A	3	815.5	16QAM	8	LOW	21.61	27.84	6.23	13	0.5	19.96	50	Pass
Band26A	3	815.5	16QAM	8	MID	21.61	27.93	6.32	13	0.5	19.96	50	Pass
Band26A	3	815.5	16QAM	8	HIGH	21.29	27.48	6.19	13	0.5	19.64	50	Pass
Band26A	3	815.5	16QAM	1	LOW	22.39	28.12	5.73	13	0.5	20.74	50	Pass
Band26A	3	815.5	16QAM	1	MID	22.36	27.62	5.26	13	0.5	20.71	50	Pass
Band26A	3	815.5	16QAM	1	HIGH	21.94	27.34	5.4	13	0.5	20.29	50	Pass

Band26A	3	819	QPSK	15	LOW	22.08	27.84	5.76	13	0.5	20.43	50	Pass
Band26A	3	819	QPSK	8	LOW	22.09	27.44	5.35	13	0.5	20.44	50	Pass
Band26A	3	819	QPSK	8	MID	22.09	27.46	5.37	13	0.5	20.44	50	Pass
Band26A	3	819	QPSK	8	HIGH	21.92	27.64	5.72	13	0.5	20.27	50	Pass
Band26A	3	819	QPSK	1	LOW	22.78	27.14	4.36	13	0.5	21.13	50	Pass
Band26A	3	819	QPSK	1	MID	23.06	27.57	4.51	13	0.5	21.41	50	Pass
Band26A	3	819	QPSK	1	HIGH	23.05	28	4.95	13	0.5	21.4	50	Pass
Band26A	3	819	16QAM	15	LOW	20.84	26.98	6.14	13	0.5	19.19	50	Pass
Band26A	3	819	16QAM	8	LOW	20.89	27.17	6.28	13	0.5	19.24	50	Pass
Band26A	3	819	16QAM	8	MID	20.91	27.16	6.25	13	0.5	19.26	50	Pass
Band26A	3	819	16QAM	8	HIGH	20.91	27.44	6.53	13	0.5	19.26	50	Pass
Band26A	3	819	16QAM	1	LOW	22.45	26.69	4.24	13	0.5	20.8	50	Pass
Band26A	3	819	16QAM	1	MID	22.45	26.91	4.46	13	0.5	20.8	50	Pass
Band26A	3	819	16QAM	1	HIGH	22.3	27.06	4.76	13	0.5	20.65	50	Pass
Band26A	3	822.5	QPSK	15	LOW	22.03	29.02	6.99	13	0.5	20.38	50	Pass
Band26A	3	822.5	QPSK	8	LOW	21.97	28.29	6.32	13	0.5	20.32	50	Pass
Band26A	3	822.5	QPSK	8	MID	21.97	28.27	6.3	13	0.5	20.32	50	Pass
Band26A	3	822.5	QPSK	8	HIGH	22	28.44	6.44	13	0.5	20.35	50	Pass
Band26A	3	822.5	QPSK	1	LOW	22.89	27.98	5.09	13	0.5	21.24	50	Pass
Band26A	3	822.5	QPSK	1	MID	22.86	28.08	5.22	13	0.5	21.21	50	Pass
Band26A	3	822.5	QPSK	1	HIGH	22.98	28.21	5.23	13	0.5	21.33	50	Pass
Band26A	3	822.5	16QAM	15	LOW	20.86	28.18	7.32	13	0.5	19.21	50	Pass
Band26A	3	822.5	16QAM	8	LOW	20.92	27.67	6.75	13	0.5	19.27	50	Pass
Band26A	3	822.5	16QAM	8	MID	20.93	27.53	6.6	13	0.5	19.28	50	Pass
Band26A	3	822.5	16QAM	8	HIGH	20.89	27.74	6.85	13	0.5	19.24	50	Pass
Band26A	3	822.5	16QAM	1	LOW	21.99	27.14	5.15	13	0.5	20.34	50	Pass
Band26A	3	822.5	16QAM	1	MID	22.06	27.19	5.13	13	0.5	20.41	50	Pass
Band26A	3	822.5	16QAM	1	HIGH	22.1	27.31	5.21	13	0.5	20.45	50	Pass
Band26A	5	816.5	QPSK	25	LOW	22.02	27.62	5.6	13	0.5	20.37	50	Pass
Band26A	5	816.5	QPSK	12	LOW	21.94	26.99	5.05	13	0.5	20.29	50	Pass
Band26A	5	816.5	QPSK	12	MID	21.94	26.92	4.98	13	0.5	20.29	50	Pass
Band26A	5	816.5	QPSK	12	HIGH	21.97	26.91	4.94	13	0.5	20.32	50	Pass
Band26A	5	816.5	QPSK	1	LOW	22.6	27.47	4.87	13	0.5	20.95	50	Pass
Band26A	5	816.5	QPSK	1	MID	23	27.02	4.02	13	0.5	21.35	50	Pass
Band26A	5	816.5	QPSK	1	HIGH	22.98	27.51	4.53	13	0.5	21.33	50	Pass
Band26A	5	816.5	16QAM	25	LOW	20.84	27.4	6.56	13	0.5	19.19	50	Pass
Band26A	5	816.5	16QAM	12	LOW	20.92	27.16	6.24	13	0.5	19.27	50	Pass
Band26A	5	816.5	16QAM	12	MID	20.95	27.13	6.18	13	0.5	19.3	50	Pass
Band26A	5	816.5	16QAM	12	HIGH	20.93	26.89	5.96	13	0.5	19.28	50	Pass
Band26A	5	816.5	16QAM	1	LOW	21.73	27.53	5.8	13	0.5	20.08	50	Pass
Band26A	5	816.5	16QAM	1	MID	22.14	27.05	4.91	13	0.5	20.49	50	Pass
Band26A	5	816.5	16QAM	1	HIGH	21.85	27.26	5.41	13	0.5	20.2	50	Pass
Band26A	5	819	QPSK	25	LOW	21.97	27.8	5.83	13	0.5	20.32	50	Pass
Band26A	5	819	QPSK	12	LOW	21.94	26.84	4.9	13	0.5	20.29	50	Pass
Band26A	5	819	QPSK	12	MID	21.93	26.9	4.97	13	0.5	20.28	50	Pass
Band26A	5	819	QPSK	12	HIGH	21.79	27.34	5.55	13	0.5	20.14	50	Pass

Band26A	5	819	QPSK	1	LOW	22.6	27.34	4.74	13	0.5	20.95	50	Pass
Band26A	5	819	QPSK	1	MID	22.8	27.58	4.78	13	0.5	21.15	50	Pass
Band26A	5	819	QPSK	1	HIGH	22.61	28.41	5.8	13	0.5	20.96	50	Pass
Band26A	5	819	16QAM	25	LOW	20.77	27.76	6.99	13	0.5	19.12	50	Pass
Band26A	5	819	16QAM	12	LOW	21.03	27.14	6.11	13	0.5	19.38	50	Pass
Band26A	5	819	16QAM	12	MID	20.96	27.19	6.23	13	0.5	19.31	50	Pass
Band26A	5	819	16QAM	12	HIGH	20.91	27.83	6.92	13	0.5	19.26	50	Pass
Band26A	5	819	16QAM	1	LOW	21.39	26.29	4.9	13	0.5	19.74	50	Pass
Band26A	5	819	16QAM	1	MID	21.51	26.67	5.16	13	0.5	19.86	50	Pass
Band26A	5	819	16QAM	1	HIGH	21.32	26.99	5.67	13	0.5	19.67	50	Pass
Band26A	5	821.5	QPSK	25	LOW	22.04	28.32	6.28	13	0.5	20.39	50	Pass
Band26A	5	821.5	QPSK	12	LOW	21.8	27.69	5.89	13	0.5	20.15	50	Pass
Band26A	5	821.5	QPSK	12	MID	21.79	27.74	5.95	13	0.5	20.14	50	Pass
Band26A	5	821.5	QPSK	12	HIGH	21.9	28.28	6.38	13	0.5	20.25	50	Pass
Band26A	5	821.5	QPSK	1	LOW	22.47	27.2	4.73	13	0.5	20.82	50	Pass
Band26A	5	821.5	QPSK	1	MID	22.68	27.83	5.15	13	0.5	21.03	50	Pass
Band26A	5	821.5	QPSK	1	HIGH	22.76	28.04	5.28	13	0.5	21.11	50	Pass
Band26A	5	821.5	16QAM	25	LOW	20.72	28.12	7.4	13	0.5	19.07	50	Pass
Band26A	5	821.5	16QAM	12	LOW	20.8	27.19	6.39	13	0.5	19.15	50	Pass
Band26A	5	821.5	16QAM	12	MID	20.8	27.27	6.47	13	0.5	19.15	50	Pass
Band26A	5	821.5	16QAM	12	HIGH	20.83	27.54	6.71	13	0.5	19.18	50	Pass
Band26A	5	821.5	16QAM	1	LOW	22.41	27.35	4.94	13	0.5	20.76	50	Pass
Band26A	5	821.5	16QAM	1	MID	22.62	28.12	5.5	13	0.5	20.97	50	Pass
Band26A	5	821.5	16QAM	1	HIGH	22.32	28.01	5.69	13	0.5	20.67	50	Pass
Band26A	10	819	QPSK	50	LOW	22.03	27.76	5.73	13	0.5	20.38	50	Pass
Band26A	10	819	QPSK	25	LOW	21.92	27.24	5.32	13	0.5	20.27	50	Pass
Band26A	10	819	QPSK	25	MID	22.01	27.28	5.27	13	0.5	20.36	50	Pass
Band26A	10	819	QPSK	25	HIGH	21.97	27.88	5.91	13	0.5	20.32	50	Pass
Band26A	10	819	QPSK	1	LOW	22.82	27.07	4.25	13	0.5	21.17	50	Pass
Band26A	10	819	QPSK	1	MID	22.97	27.04	4.07	13	0.5	21.32	50	Pass
Band26A	10	819	QPSK	1	HIGH	22.96	27.82	4.86	13	0.5	21.31	50	Pass
Band26A	10	819	16QAM	50	LOW	20.95	27.79	6.84	13	0.5	19.3	50	Pass
Band26A	10	819	16QAM	25	LOW	20.92	27.05	6.13	13	0.5	19.27	50	Pass
Band26A	10	819	16QAM	25	MID	20.94	27.04	6.1	13	0.5	19.29	50	Pass
Band26A	10	819	16QAM	25	HIGH	21.05	27.96	6.91	13	0.5	19.4	50	Pass
Band26A	10	819	16QAM	1	LOW	22.47	27.7	5.23	13	0.5	20.82	50	Pass
Band26A	10	819	16QAM	1	MID	22.58	27.56	4.98	13	0.5	20.93	50	Pass
Band26A	10	819	16QAM	1	HIGH	22.28	28.5	6.22	13	0.5	20.63	50	Pass
Band19	5	832.5	QPSK	25	LOW	22.13	27.51	5.38	13	0.5	20.48	38.5	Pass
Band19	5	832.5	QPSK	12	LOW	22.06	26.73	4.67	13	0.5	20.41	38.5	Pass
Band19	5	832.5	QPSK	12	MID	22.07	26.64	4.57	13	0.5	20.42	38.5	Pass
Band19	5	832.5	QPSK	12	HIGH	22.12	26.97	4.85	13	0.5	20.47	38.5	Pass
Band19	5	832.5	QPSK	1	LOW	22.97	27.15	4.18	13	0.5	21.32	38.5	Pass
Band19	5	832.5	QPSK	1	MID	23	27.06	4.06	13	0.5	21.35	38.5	Pass
Band19	5	832.5	QPSK	1	HIGH	22.98	27.74	4.76	13	0.5	21.33	38.5	Pass
Band19	5	832.5	16QAM	25	LOW	21.25	27.42	6.17	13	0.5	19.6	38.5	Pass

Band19	5	832.5	16QAM	12	LOW	21.09	26.64	5.55	13	0.5	19.44	38.5	Pass
Band19	5	832.5	16QAM	12	MID	21.1	26.79	5.69	13	0.5	19.45	38.5	Pass
Band19	5	832.5	16QAM	12	HIGH	21.06	27.09	6.03	13	0.5	19.41	38.5	Pass
Band19	5	832.5	16QAM	1	LOW	21.65	26.08	4.43	13	0.5	20	38.5	Pass
Band19	5	832.5	16QAM	1	MID	22.06	26.43	4.37	13	0.5	20.41	38.5	Pass
Band19	5	832.5	16QAM	1	HIGH	21.59	26.55	4.96	13	0.5	19.94	38.5	Pass
Band19	5	837.5	QPSK	25	LOW	22.15	28.21	6.06	13	0.5	20.5	38.5	Pass
Band19	5	837.5	QPSK	12	LOW	22.19	27.75	5.56	13	0.5	20.54	38.5	Pass
Band19	5	837.5	QPSK	12	MID	22.17	27.79	5.62	13	0.5	20.52	38.5	Pass
Band19	5	837.5	QPSK	12	HIGH	22.25	28.03	5.78	13	0.5	20.6	38.5	Pass
Band19	5	837.5	QPSK	1	LOW	22.71	27.28	4.57	13	0.5	21.06	38.5	Pass
Band19	5	837.5	QPSK	1	MID	23.15	27.79	4.64	13	0.5	21.5	38.5	Pass
Band19	5	837.5	QPSK	1	HIGH	22.83	27.49	4.66	13	0.5	21.18	38.5	Pass
Band19	5	837.5	16QAM	25	LOW	21.17	28.32	7.15	13	0.5	19.52	38.5	Pass
Band19	5	837.5	16QAM	12	LOW	21.22	27.41	6.19	13	0.5	19.57	38.5	Pass
Band19	5	837.5	16QAM	12	MID	21.22	27.38	6.16	13	0.5	19.57	38.5	Pass
Band19	5	837.5	16QAM	12	HIGH	21.3	27.55	6.25	13	0.5	19.65	38.5	Pass
Band19	5	837.5	16QAM	1	LOW	22.31	27.26	4.95	13	0.5	20.66	38.5	Pass
Band19	5	837.5	16QAM	1	MID	22.94	27.92	4.98	13	0.5	21.29	38.5	Pass
Band19	5	837.5	16QAM	1	HIGH	22.82	27.72	4.9	13	0.5	21.17	38.5	Pass
Band19	5	842.5	QPSK	25	LOW	22.09	27.29	5.2	13	0.5	20.44	38.5	Pass
Band19	5	842.5	QPSK	12	LOW	22.18	26.99	4.81	13	0.5	20.53	38.5	Pass
Band19	5	842.5	QPSK	12	MID	22.08	26.98	4.9	13	0.5	20.43	38.5	Pass
Band19	5	842.5	QPSK	12	HIGH	22.25	26.5	4.25	13	0.5	20.6	38.5	Pass
Band19	5	842.5	QPSK	1	LOW	23.06	27.6	4.54	13	0.5	21.41	38.5	Pass
Band19	5	842.5	QPSK	1	MID	23.2	26.75	3.55	13	0.5	21.55	38.5	Pass
Band19	5	842.5	QPSK	1	HIGH	23.21	26.63	3.42	13	0.5	21.56	38.5	Pass
Band19	5	842.5	16QAM	25	LOW	21.14	27.18	6.04	13	0.5	19.49	38.5	Pass
Band19	5	842.5	16QAM	12	LOW	21.16	27.05	5.89	13	0.5	19.51	38.5	Pass
Band19	5	842.5	16QAM	12	MID	21.2	27.07	5.87	13	0.5	19.55	38.5	Pass
Band19	5	842.5	16QAM	12	HIGH	21.07	26.24	5.17	13	0.5	19.42	38.5	Pass
Band19	5	842.5	16QAM	1	LOW	22.24	27.61	5.37	13	0.5	20.59	38.5	Pass
Band19	5	842.5	16QAM	1	MID	22.37	26.77	4.4	13	0.5	20.72	38.5	Pass
Band19	5	842.5	16QAM	1	HIGH	21.22	26.09	4.87	13	0.5	19.57	38.5	Pass
Band19	10	835	QPSK	50	LOW	22.28	27.91	5.63	13	0.5	20.63	38.5	Pass
Band19	10	835	QPSK	25	LOW	22.21	27.09	4.88	13	0.5	20.56	38.5	Pass
Band19	10	835	QPSK	25	MID	22.2	27.1	4.9	13	0.5	20.55	38.5	Pass
Band19	10	835	QPSK	25	HIGH	22.28	27.84	5.56	13	0.5	20.63	38.5	Pass
Band19	10	835	QPSK	1	LOW	22.97	26.41	3.44	13	0.5	21.32	38.5	Pass
Band19	10	835	QPSK	1	MID	23.31	27.24	3.93	13	0.5	21.66	38.5	Pass
Band19	10	835	QPSK	1	HIGH	23.17	27.54	4.37	13	0.5	21.52	38.5	Pass
Band19	10	835	16QAM	50	LOW	21.35	28.13	6.78	13	0.5	19.7	38.5	Pass
Band19	10	835	16QAM	25	LOW	20.99	26.82	5.83	13	0.5	19.34	38.5	Pass
Band19	10	835	16QAM	25	MID	21	26.81	5.81	13	0.5	19.35	38.5	Pass
Band19	10	835	16QAM	25	HIGH	21.32	27.86	6.54	13	0.5	19.67	38.5	Pass
Band19	10	835	16QAM	1	LOW	22.03	26.66	4.63	13	0.5	20.38	38.5	Pass

Band19	10	835	16QAM	1	MID	23.29	27.84	4.55	13	0.5	21.64	38.5	Pass
Band19	10	835	16QAM	1	HIGH	22.71	28.09	5.38	13	0.5	21.06	38.5	Pass
Band19	10	837.5	QPSK	50	LOW	22.2	27.77	5.57	13	0.5	20.55	38.5	Pass
Band19	10	837.5	QPSK	25	LOW	22.2	27.49	5.29	13	0.5	20.55	38.5	Pass
Band19	10	837.5	QPSK	25	MID	22.19	27.45	5.26	13	0.5	20.54	38.5	Pass
Band19	10	837.5	QPSK	25	HIGH	22.15	27.52	5.37	13	0.5	20.5	38.5	Pass
Band19	10	837.5	QPSK	1	LOW	23.16	26.94	3.78	13	0.5	21.51	38.5	Pass
Band19	10	837.5	QPSK	1	MID	23.35	27.92	4.57	13	0.5	21.7	38.5	Pass
Band19	10	837.5	QPSK	1	HIGH	23.03	26.93	3.9	13	0.5	21.38	38.5	Pass
Band19	10	837.5	16QAM	50	LOW	21.21	27.36	6.15	13	0.5	19.56	38.5	Pass
Band19	10	837.5	16QAM	25	LOW	21.23	27.37	6.14	13	0.5	19.58	38.5	Pass
Band19	10	837.5	16QAM	25	MID	21.23	27.47	6.24	13	0.5	19.58	38.5	Pass
Band19	10	837.5	16QAM	25	HIGH	21.22	27.54	6.32	13	0.5	19.57	38.5	Pass
Band19	10	837.5	16QAM	1	LOW	22.66	26.44	3.78	13	0.5	21.01	38.5	Pass
Band19	10	837.5	16QAM	1	MID	22.69	27.12	4.43	13	0.5	21.04	38.5	Pass
Band19	10	837.5	16QAM	1	HIGH	22.74	26.52	3.78	13	0.5	21.09	38.5	Pass
Band19	10	840	QPSK	50	LOW	22.13	27.07	4.94	13	0.5	20.48	38.5	Pass
Band19	10	840	QPSK	25	LOW	22.17	27.8	5.63	13	0.5	20.52	38.5	Pass
Band19	10	840	QPSK	25	MID	22.17	27.8	5.63	13	0.5	20.52	38.5	Pass
Band19	10	840	QPSK	25	HIGH	22.25	26.98	4.73	13	0.5	20.6	38.5	Pass
Band19	10	840	QPSK	1	LOW	23.21	27.42	4.21	13	0.5	21.56	38.5	Pass
Band19	10	840	QPSK	1	MID	23.56	27.57	4.01	13	0.5	21.91	38.5	Pass
Band19	10	840	QPSK	1	HIGH	23.2	26.31	3.11	13	0.5	21.55	38.5	Pass
Band19	10	840	16QAM	50	LOW	21.27	27.62	6.35	13	0.5	19.62	38.5	Pass
Band19	10	840	16QAM	25	LOW	21.28	27.74	6.46	13	0.5	19.63	38.5	Pass
Band19	10	840	16QAM	25	MID	21.3	27.8	6.5	13	0.5	19.65	38.5	Pass
Band19	10	840	16QAM	25	HIGH	21.45	27.03	5.58	13	0.5	19.8	38.5	Pass
Band19	10	840	16QAM	1	LOW	22.58	26.99	4.41	13	0.5	20.93	38.5	Pass
Band19	10	840	16QAM	1	MID	23.11	27.31	4.2	13	0.5	21.46	38.5	Pass
Band19	10	840	16QAM	1	HIGH	22.25	25.9	3.65	13	0.5	20.6	38.5	Pass
Band19	15	837.5	QPSK	75	LOW	22.18	27.74	5.56	13	0.5	20.53	38.5	Pass
Band19	15	837.5	QPSK	38	LOW	22.17	27.53	5.36	13	0.5	20.52	38.5	Pass
Band19	15	837.5	QPSK	38	MID	22.17	27.64	5.47	13	0.5	20.52	38.5	Pass
Band19	15	837.5	QPSK	38	HIGH	22.18	27.57	5.39	13	0.5	20.53	38.5	Pass
Band19	15	837.5	QPSK	1	LOW	22.99	26.57	3.58	13	0.5	21.34	38.5	Pass
Band19	15	837.5	QPSK	1	MID	23.14	27.53	4.39	13	0.5	21.49	38.5	Pass
Band19	15	837.5	QPSK	1	HIGH	23.12	26.24	3.12	13	0.5	21.47	38.5	Pass
Band19	15	837.5	16QAM	75	LOW	21.17	27.53	6.36	13	0.5	19.52	38.5	Pass
Band19	15	837.5	16QAM	38	LOW	21.1	27.47	6.37	13	0.5	19.45	38.5	Pass
Band19	15	837.5	16QAM	38	MID	21.11	27.37	6.26	13	0.5	19.46	38.5	Pass
Band19	15	837.5	16QAM	38	HIGH	21.12	27.49	6.37	13	0.5	19.47	38.5	Pass
Band19	15	837.5	16QAM	1	LOW	22.11	26.83	4.72	13	0.5	20.46	38.5	Pass
Band19	15	837.5	16QAM	1	MID	22.77	28.1	5.33	13	0.5	21.12	38.5	Pass
Band19	15	837.5	16QAM	1	HIGH	22.3	26.51	4.21	13	0.5	20.65	38.5	Pass