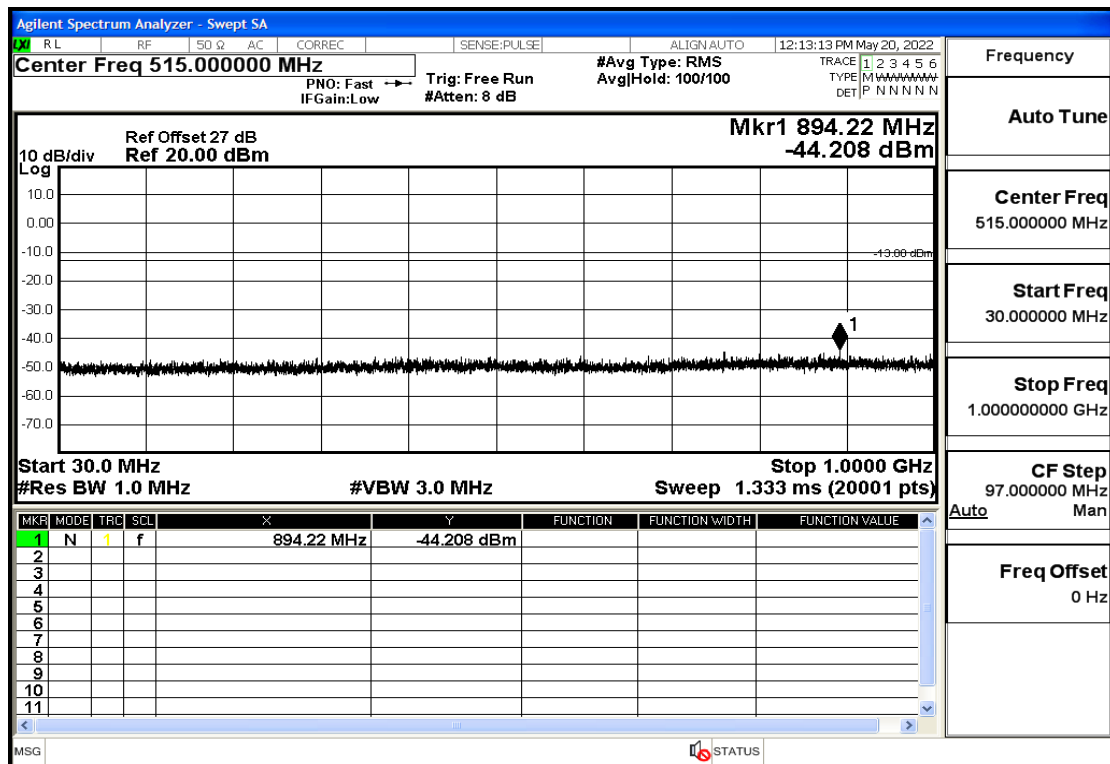
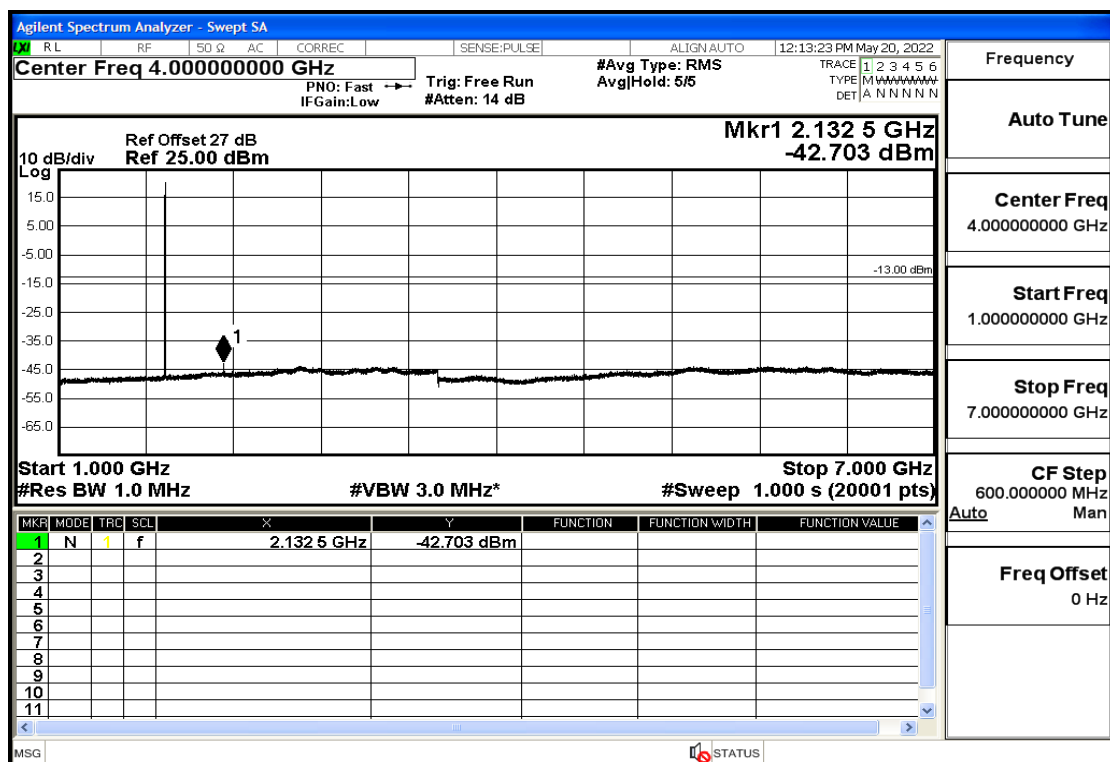


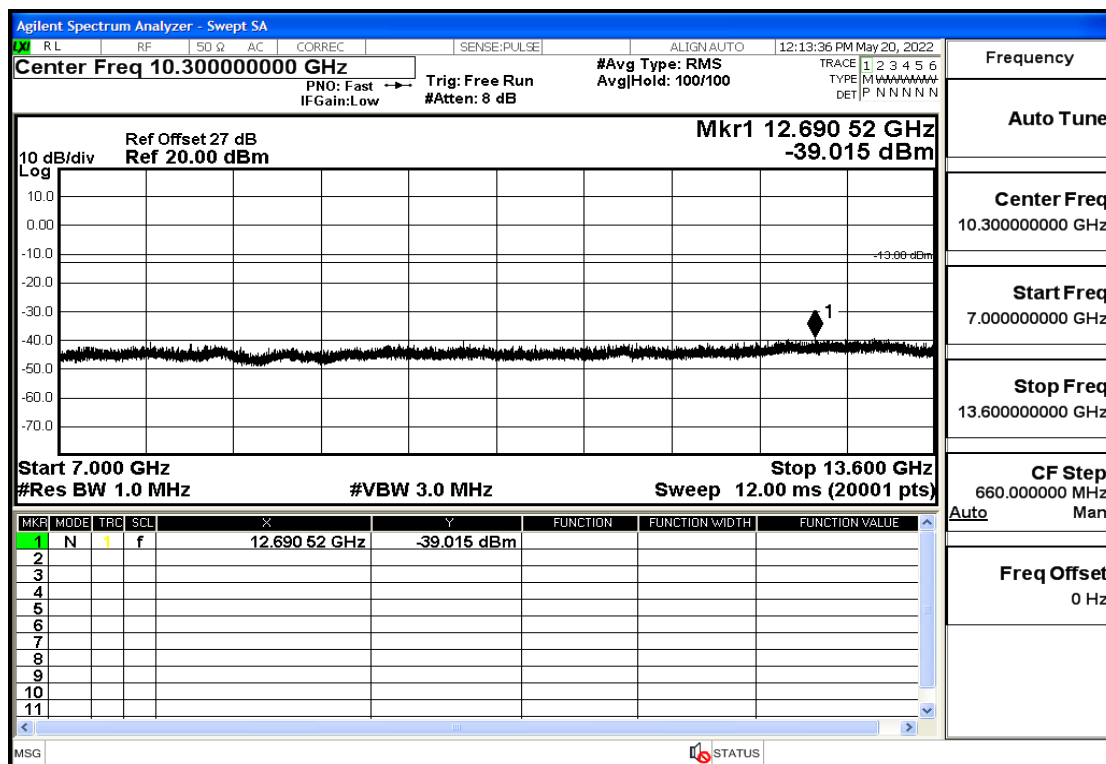
OB4-1.4-1732.5-Q16-6#LOW@30mHz-1GHz@Pass



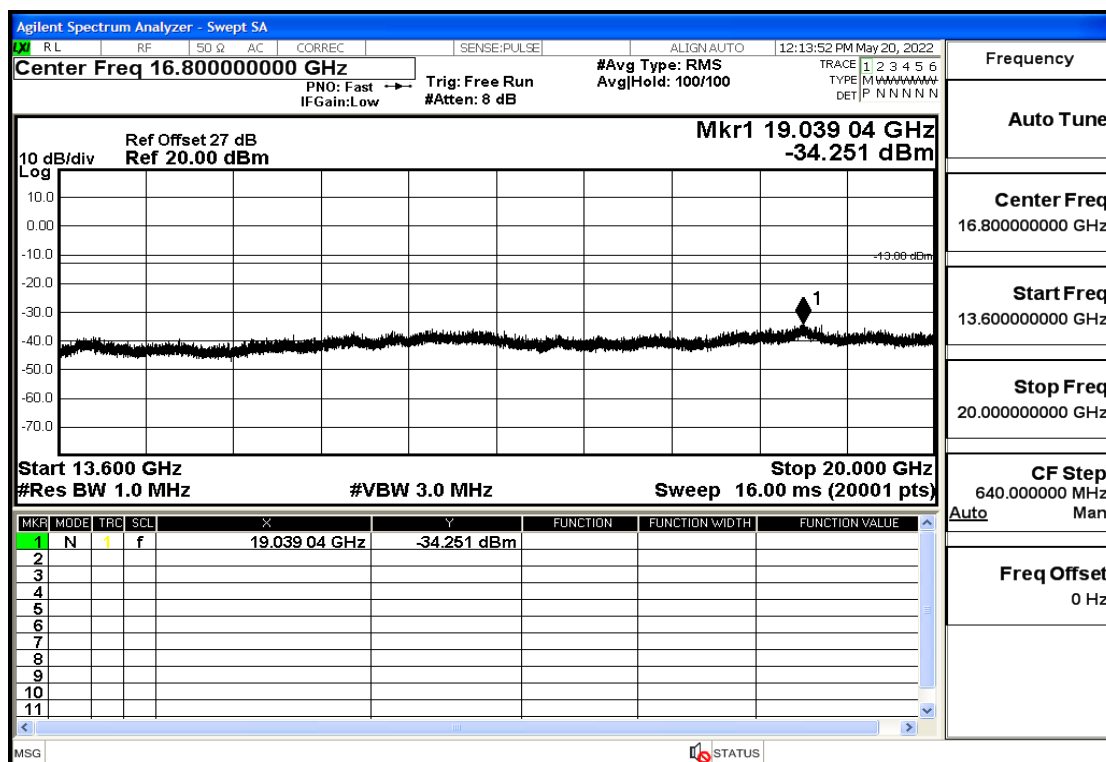
OB4-1.4-1732.5-Q16-6#LOW@1GHz-7GHz@Pass



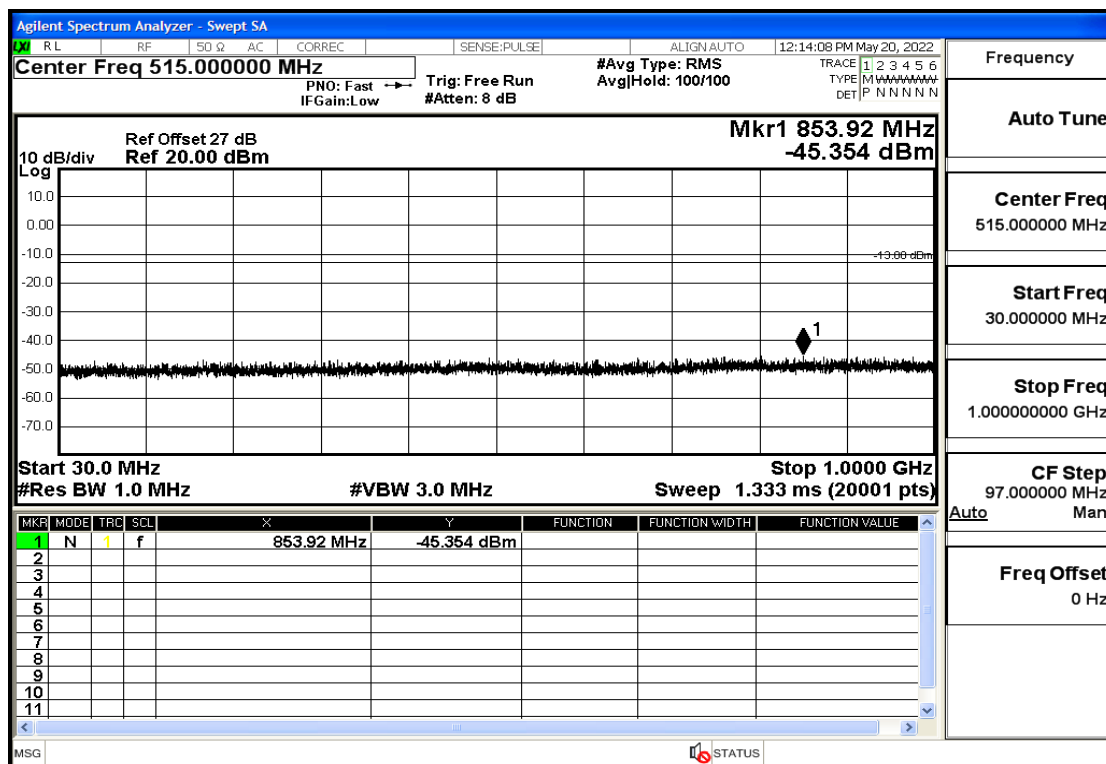
OB4-1.4-1732.5-Q16-6#LOW@7GHz-13.6GHz@Pass



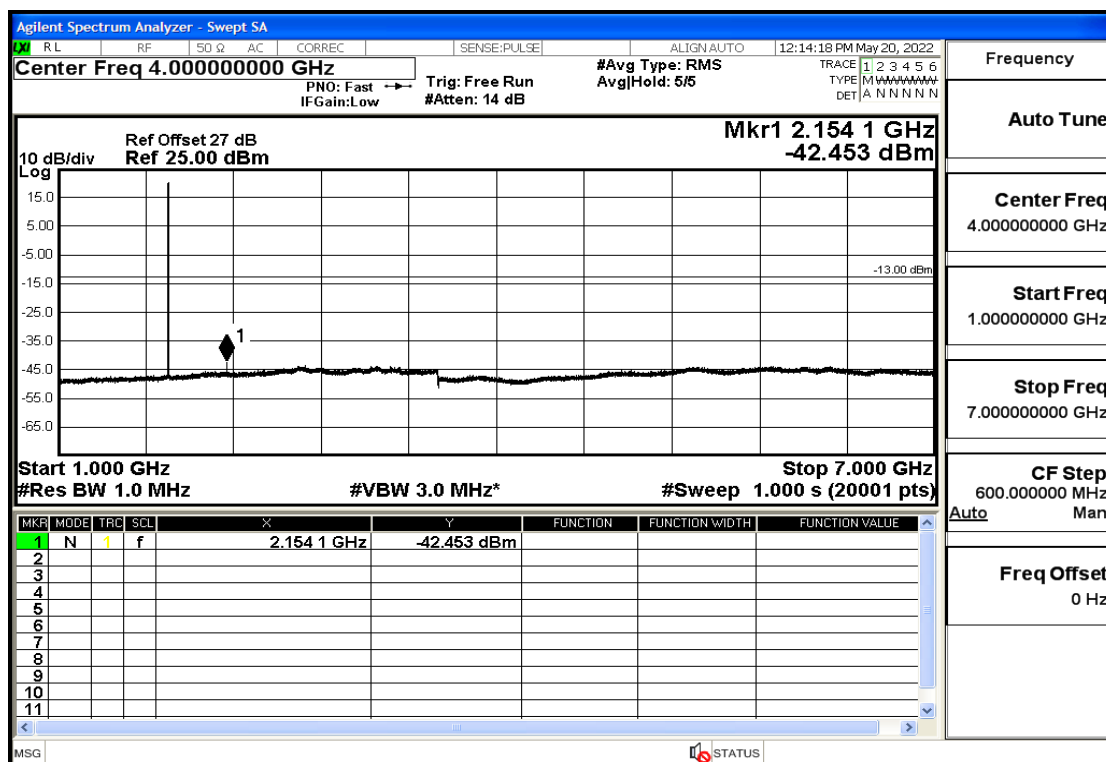
OB4-1.4-1732.5-Q16-6#LOW@13.6GHz-20GHz@Pass



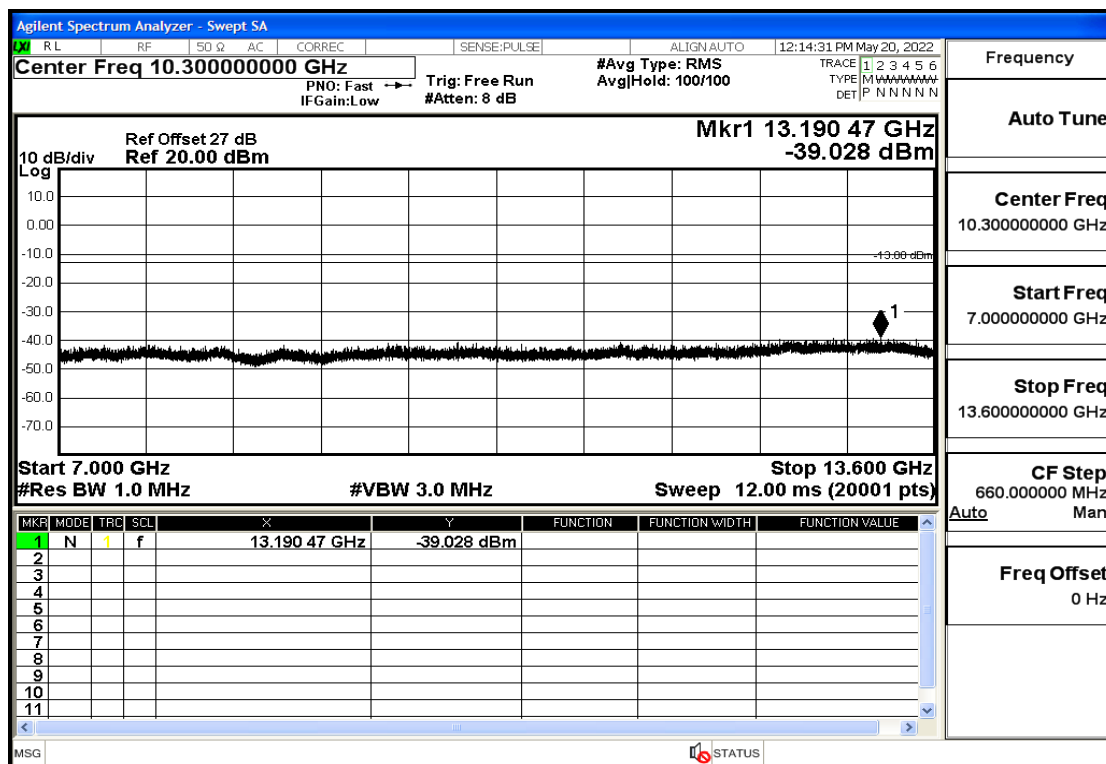
OB4-1.4-1754.3-Q16-6#LOW@30mHz-1GHz@Pass



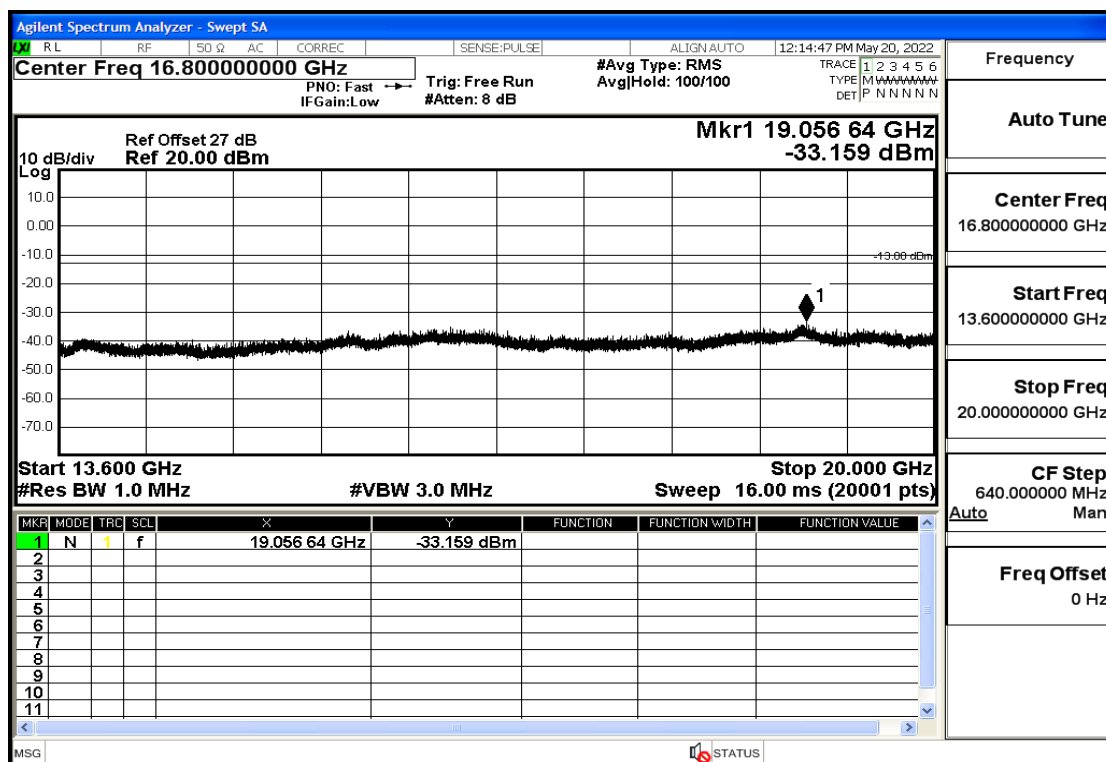
OB4-1.4-1754.3-Q16-6#LOW@1GHz-7GHz@Pass



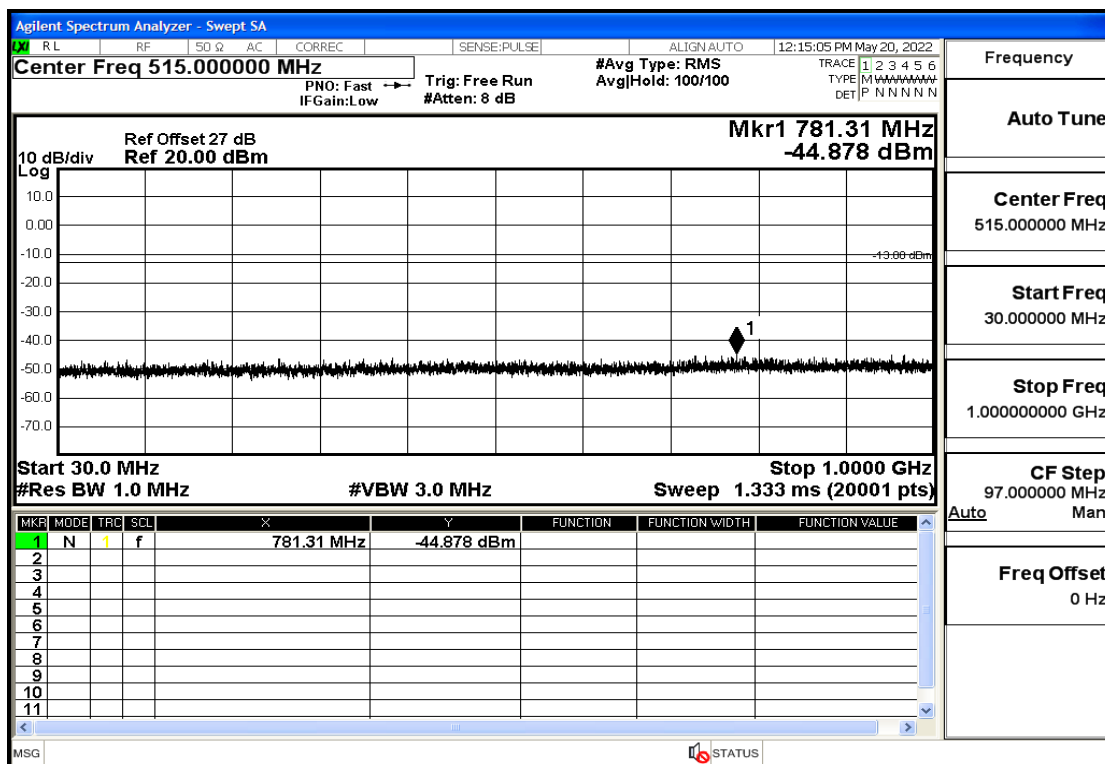
OB4-1.4-1754.3-Q16-6#LOW@7GHz-13.6GHz@Pass



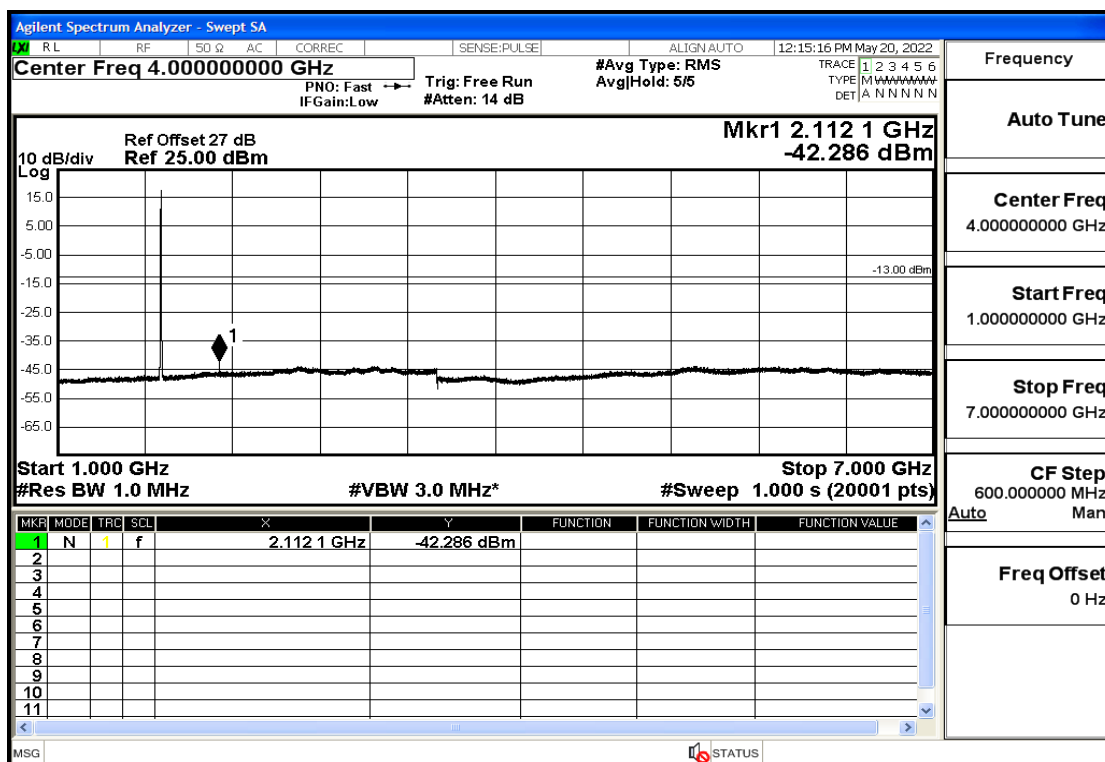
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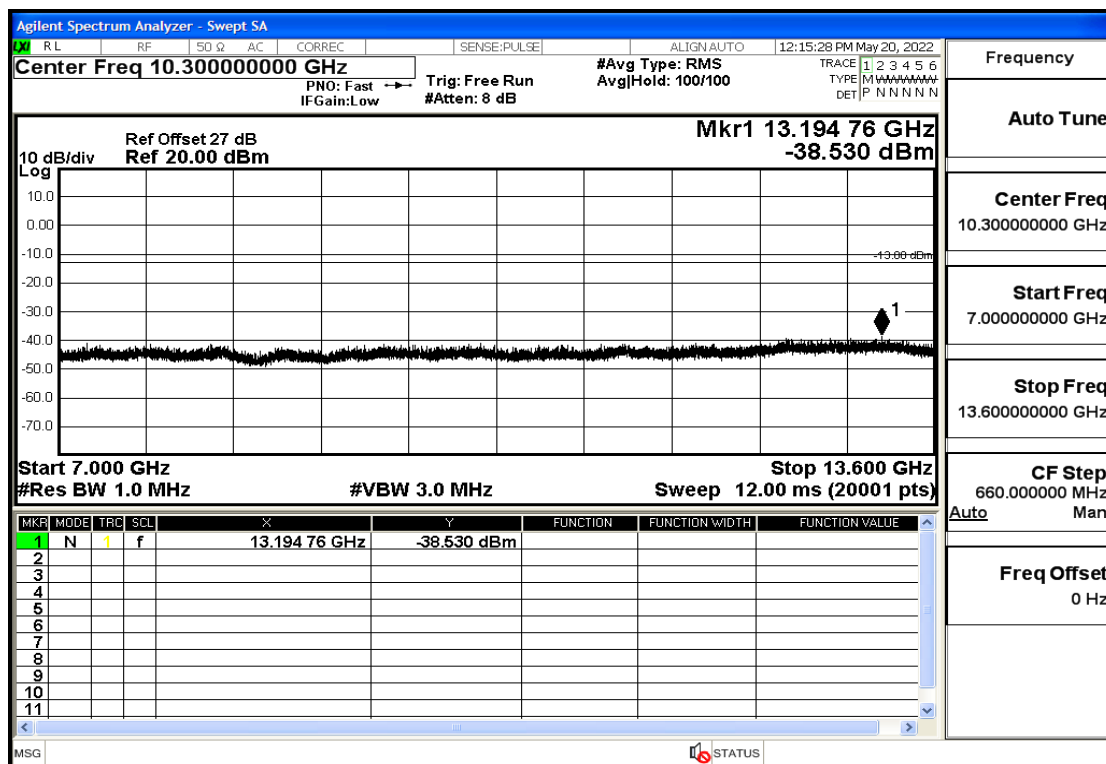
OB4-3-1711.5-Q16-15#LOW@30mHz-1GHz@Pass



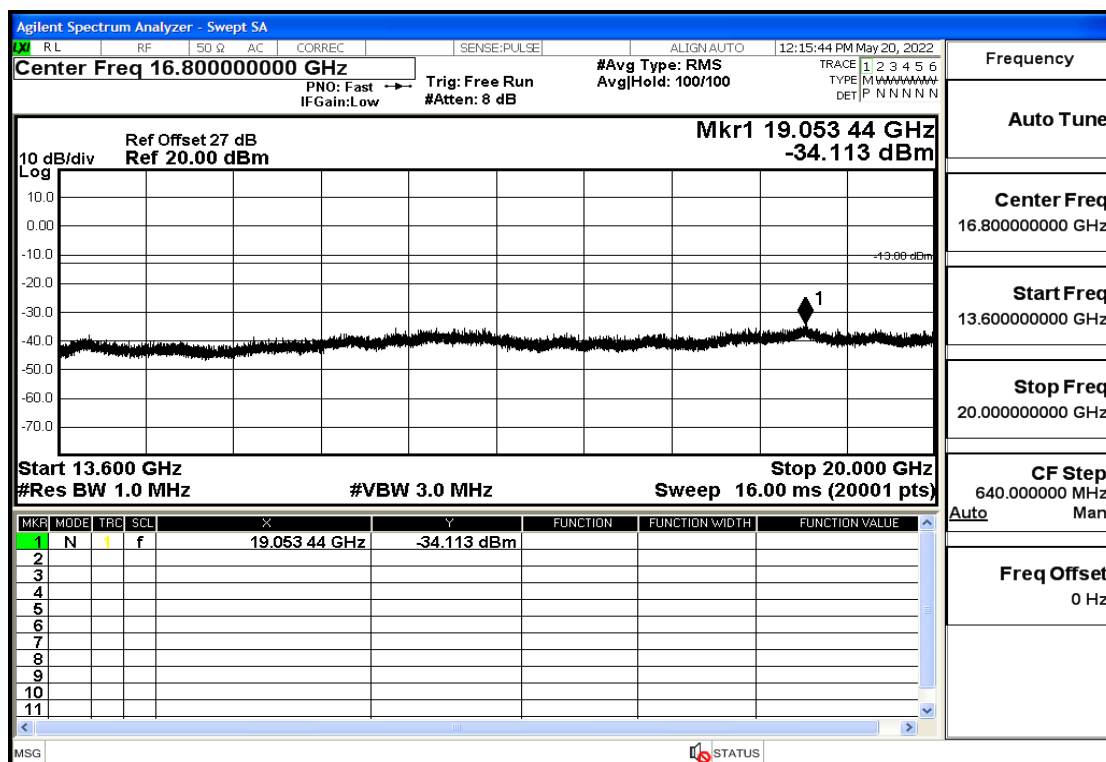
OB4-3-1711.5-Q16-15#LOW@1GHz-7GHz@Pass



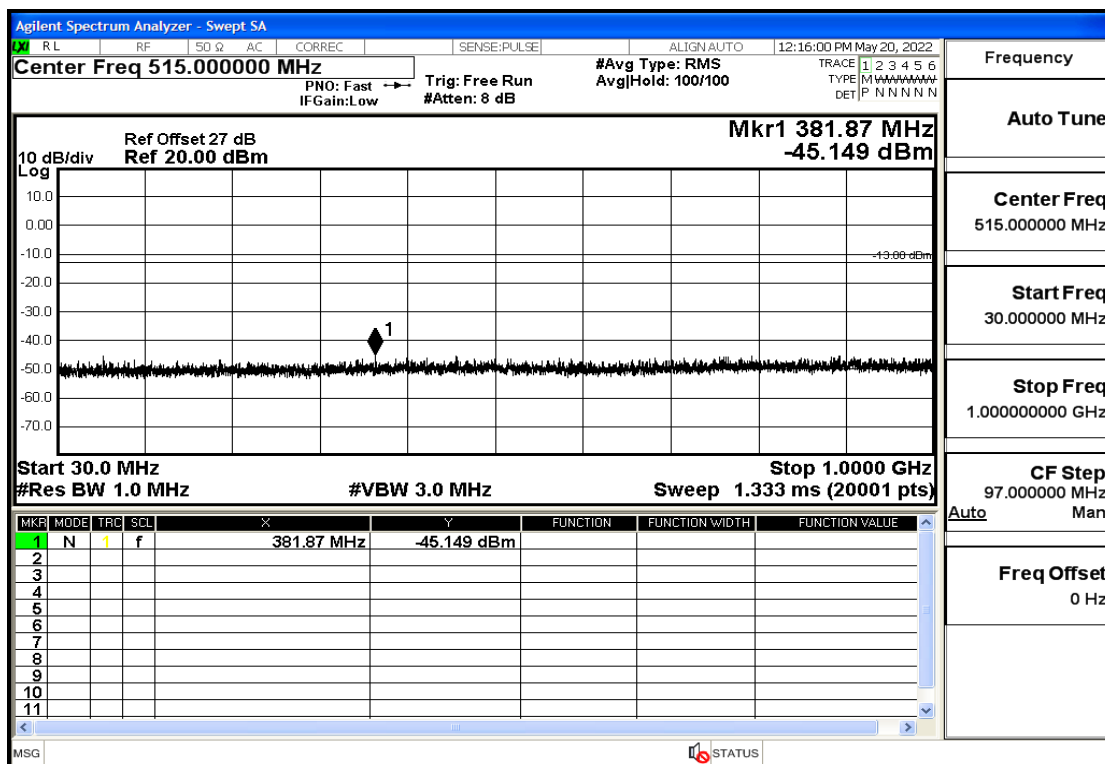
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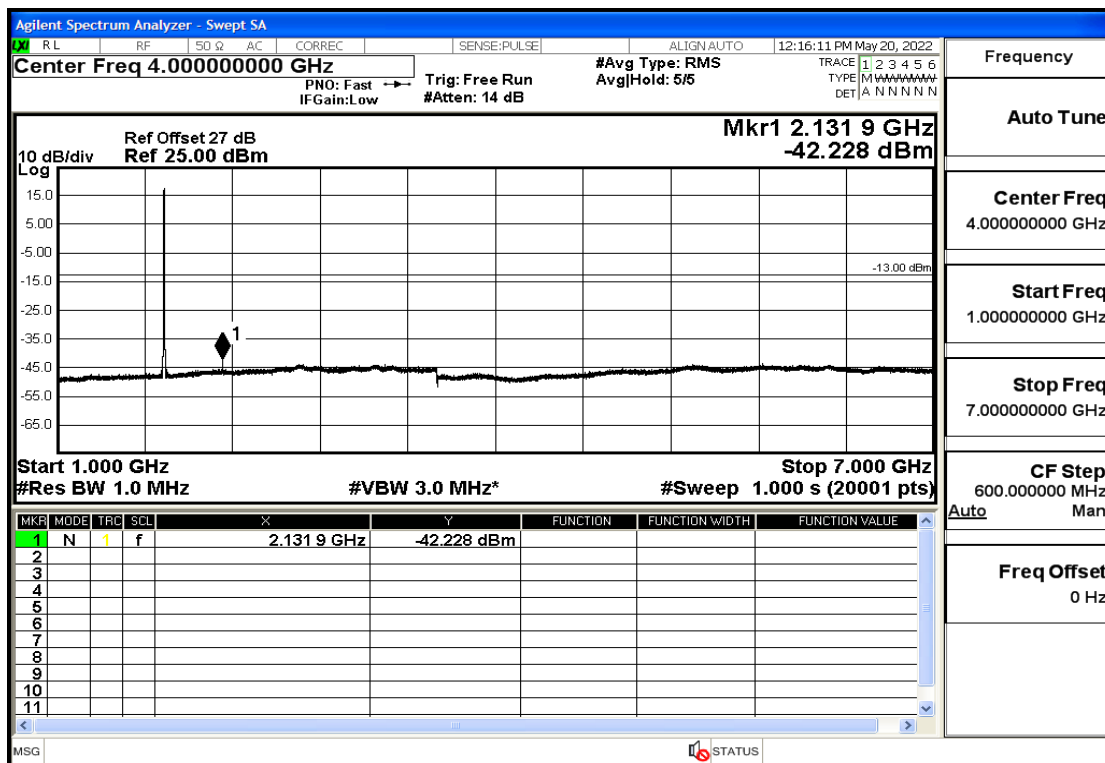
OB4-3-1711.5-Q16-15#LOW@13.6GHz-20GHz@Pass



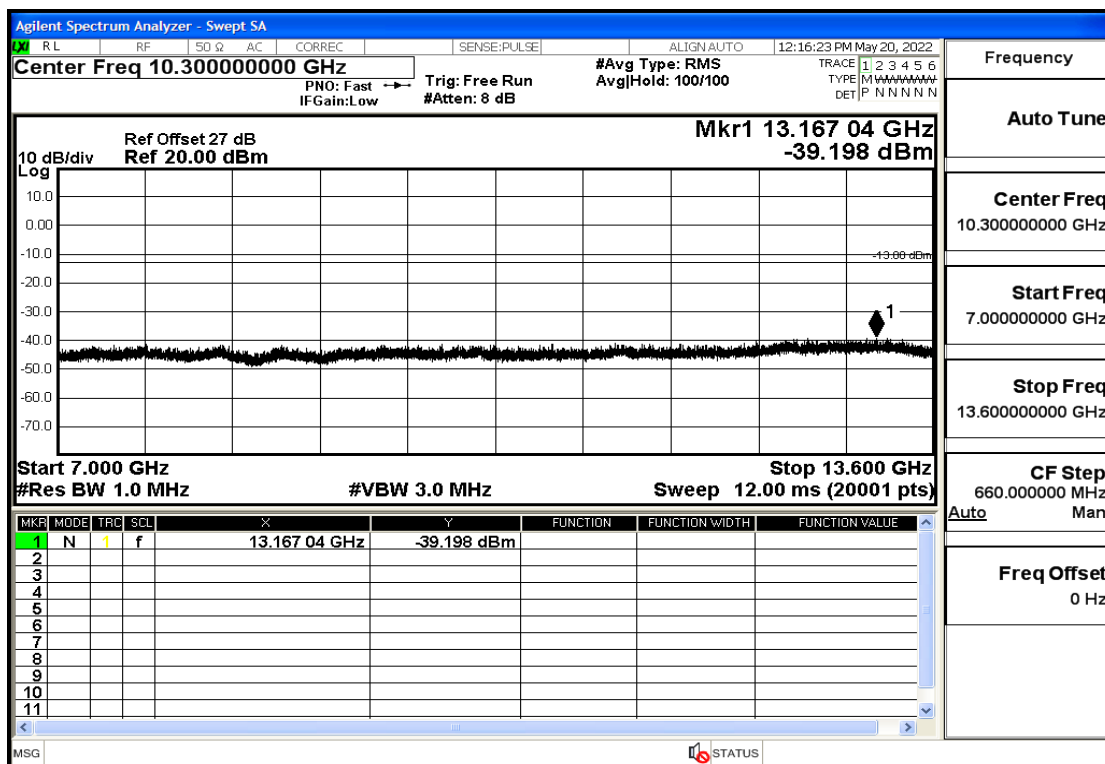
OB4-3-1732.5-Q16-15#LOW@30mHz-1GHz@Pass



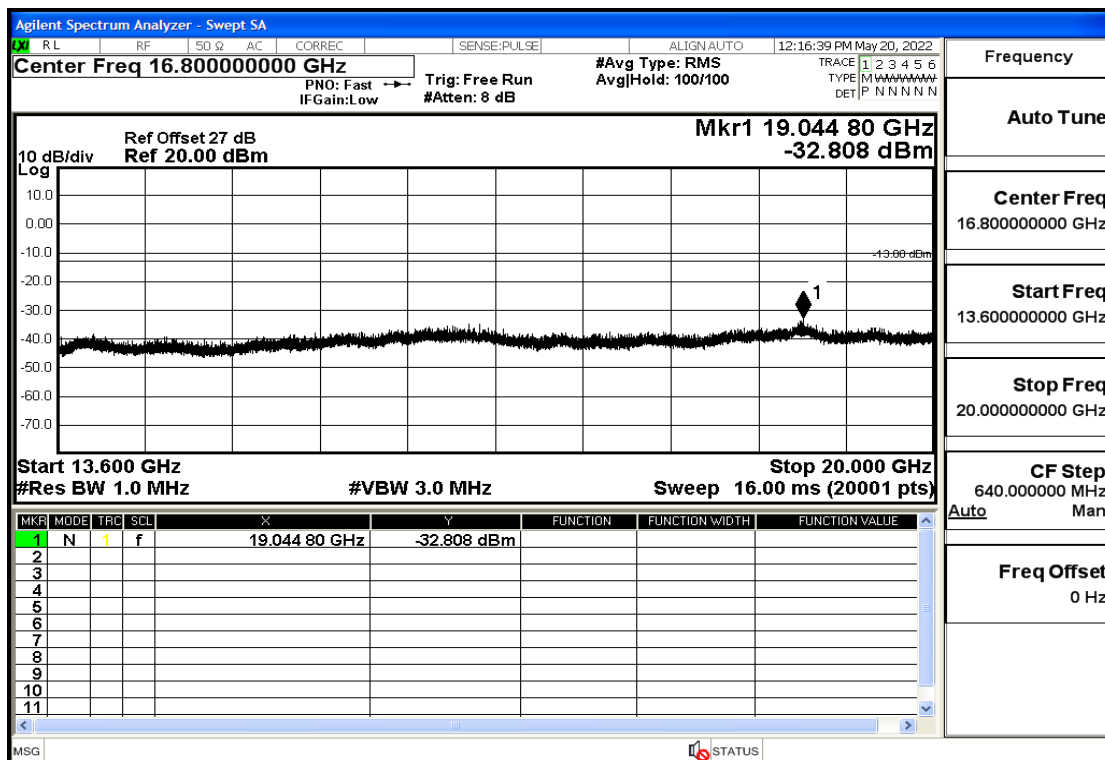
OB4-3-1732.5-Q16-15#LOW@1GHz-7GHz@Pass



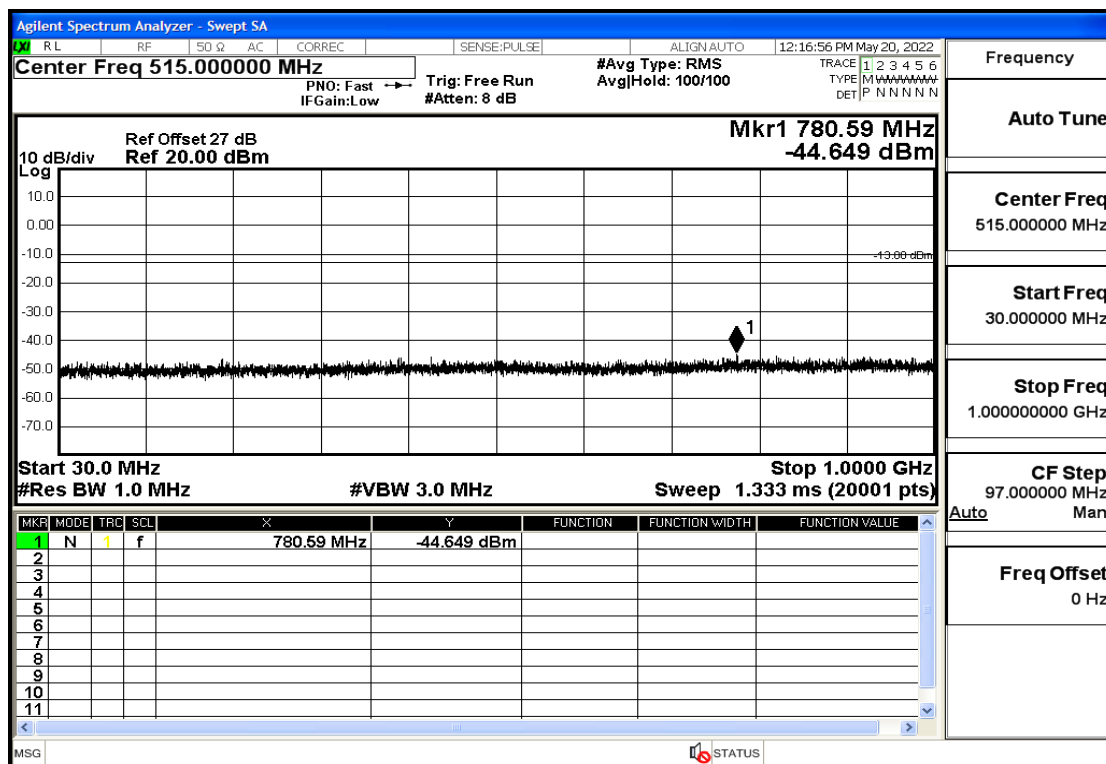
OB4-3-1732.5-Q16-15#LOW@7GHz-13.6GHz@Pass



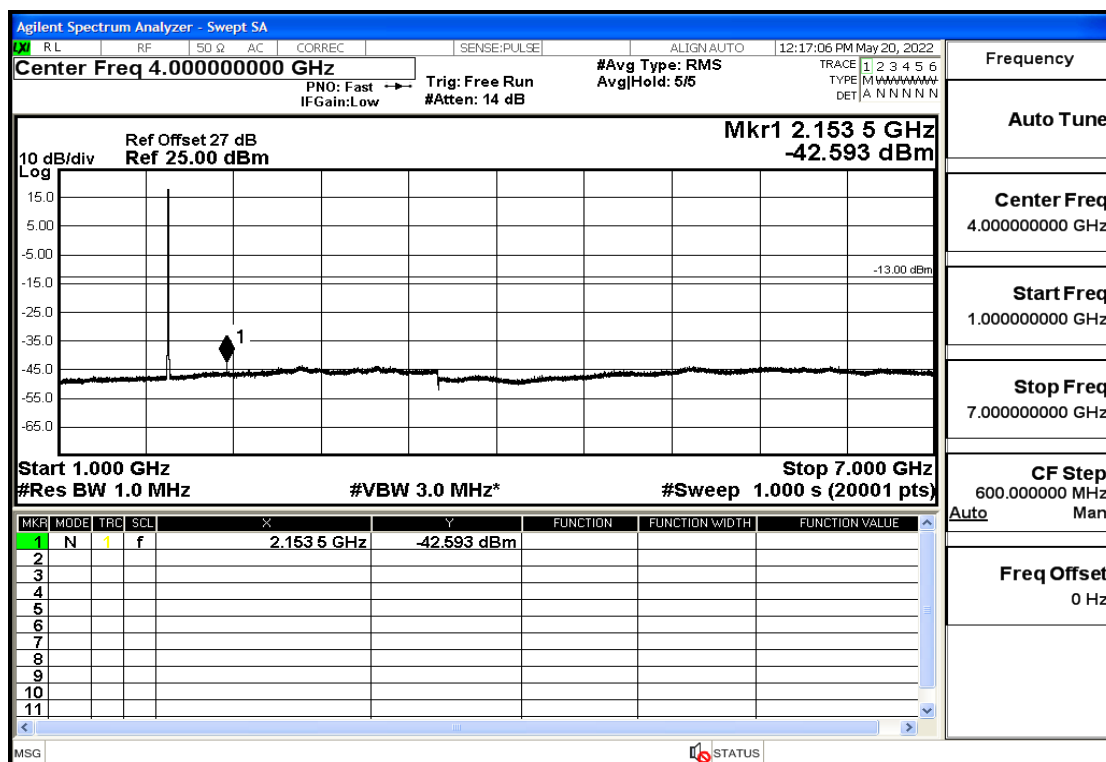
OB4-3-1732.5-Q16-15#LOW@13.6GHz-20GHz@Pass



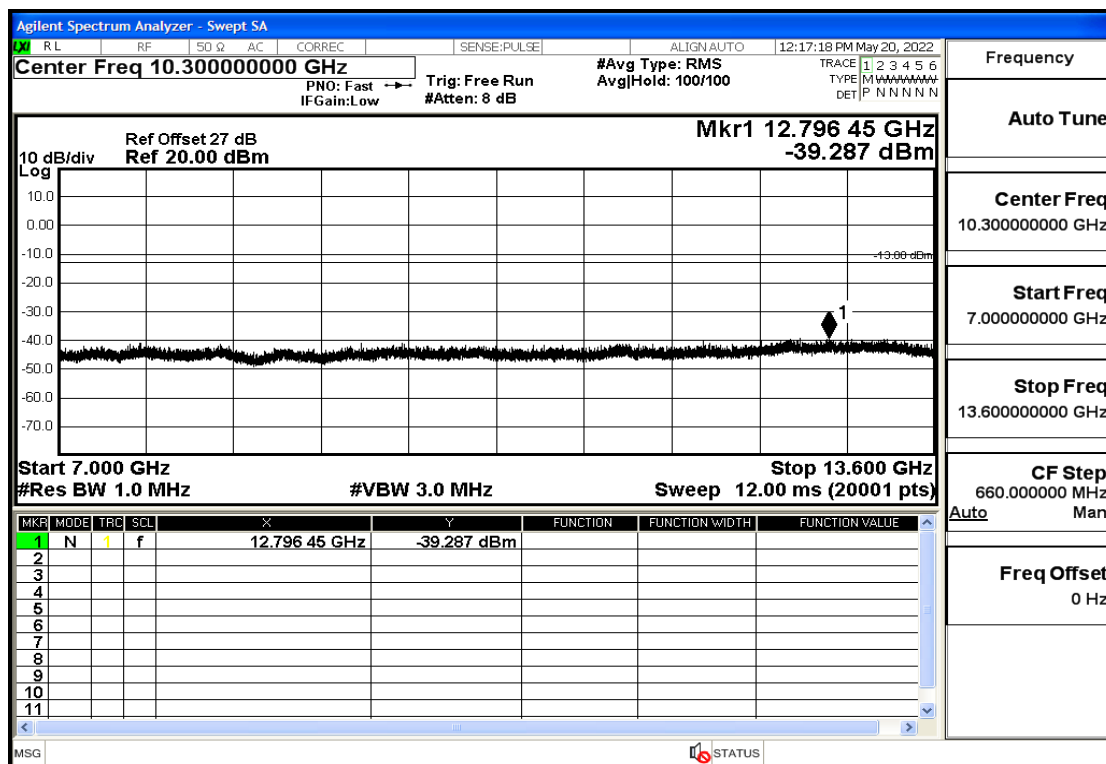
OB4-3-1753.5-Q16-15#LOW@30mHz-1GHz@Pass



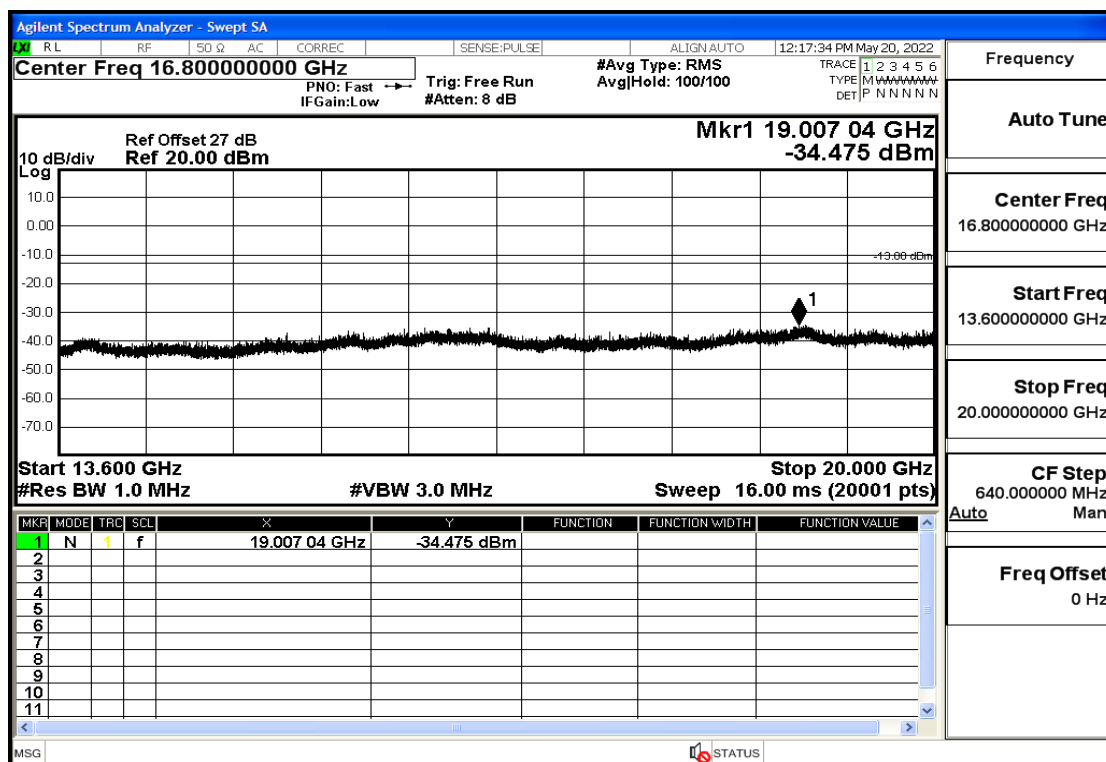
OB4-3-1753.5-Q16-15#LOW@1GHz-7GHz@Pass



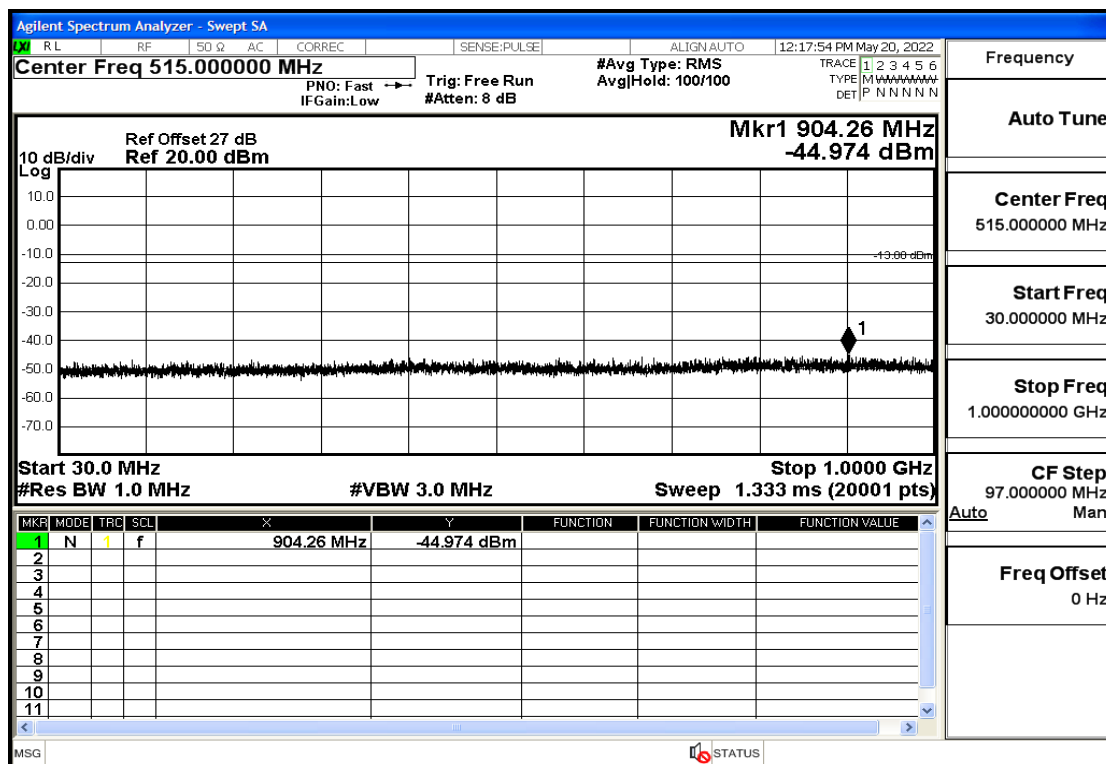
OB4-3-1753.5-Q16-15#LOW@7GHz-13.6GHz@Pass



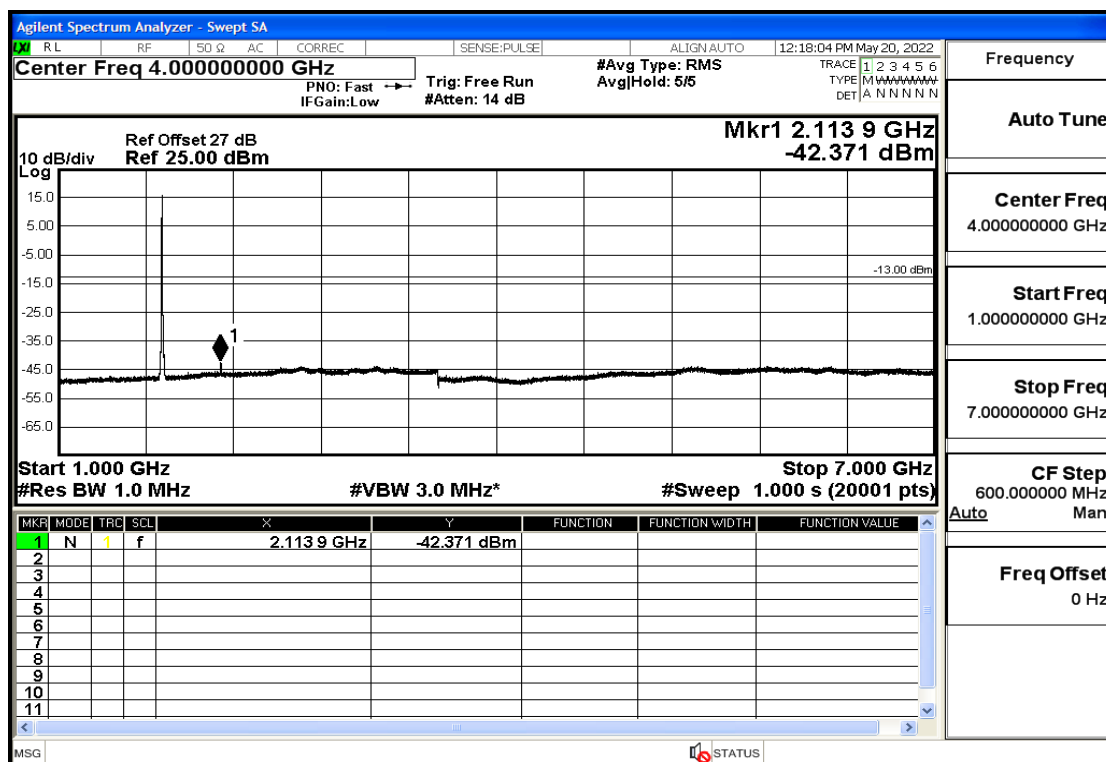
OB4-3-1753.5-Q16-15#LOW@13.6GHz-20GHz@Pass



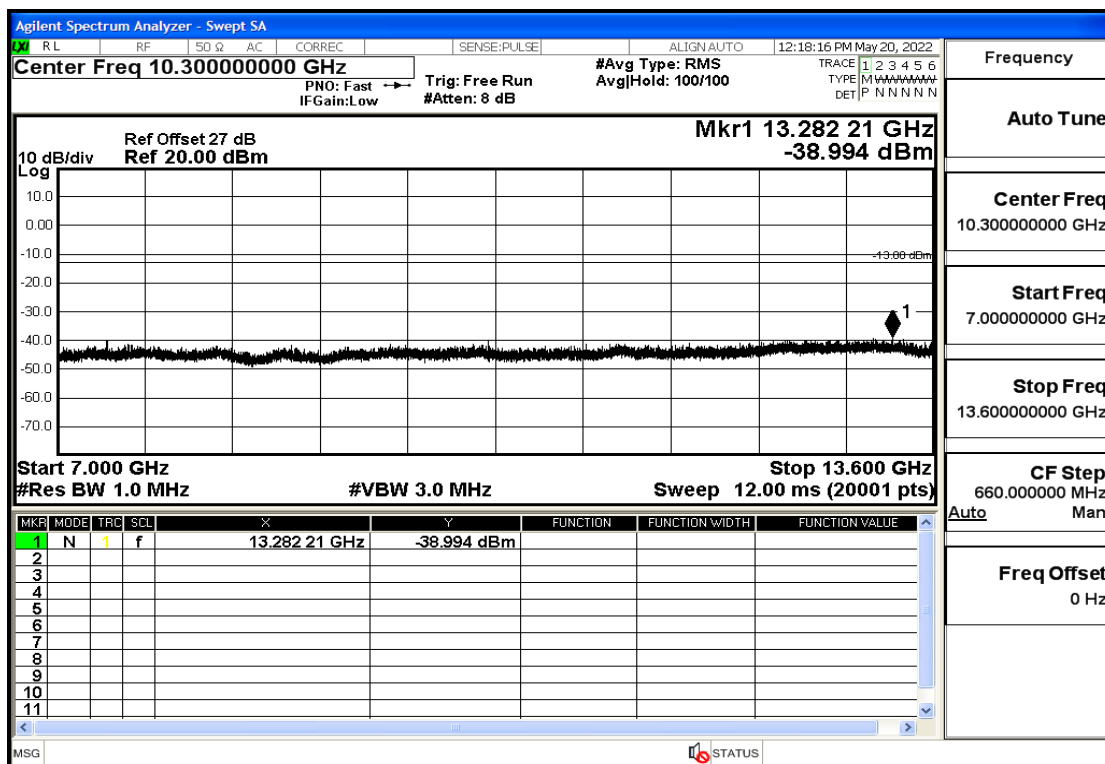
OB4-5-1712.5-Q16-25#LOW@30mHz-1GHz@Pass



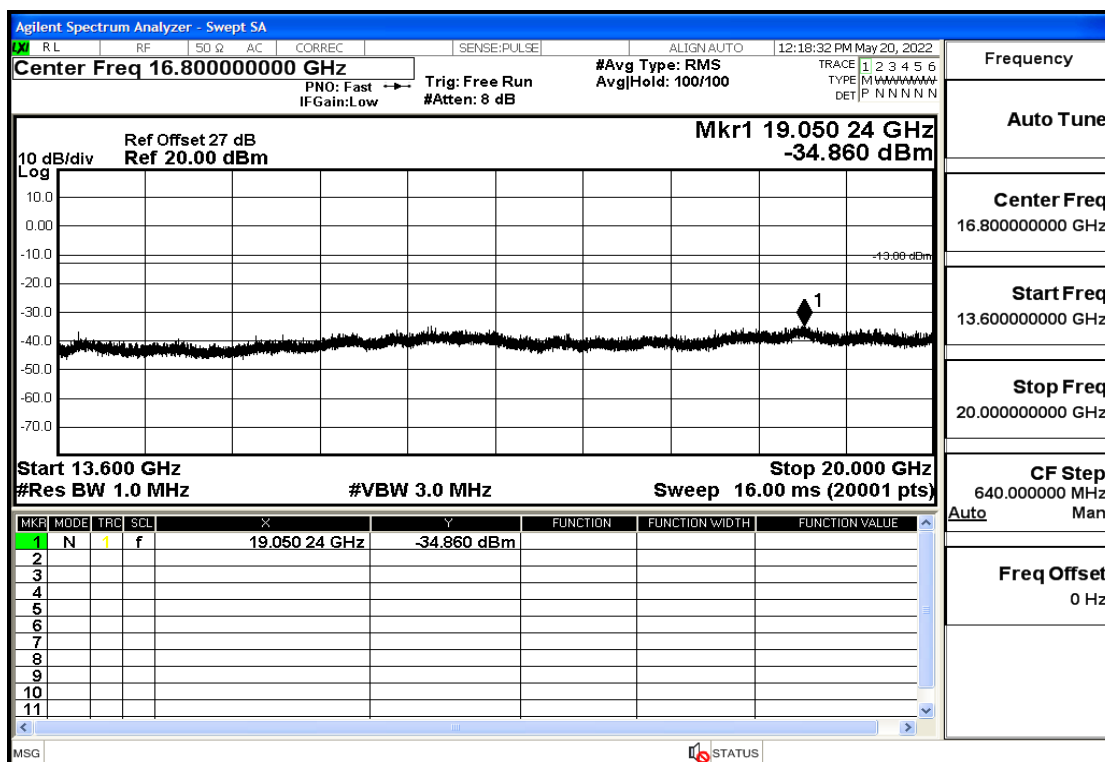
OB4-5-1712.5-Q16-25#LOW@1GHz-7GHz@Pass



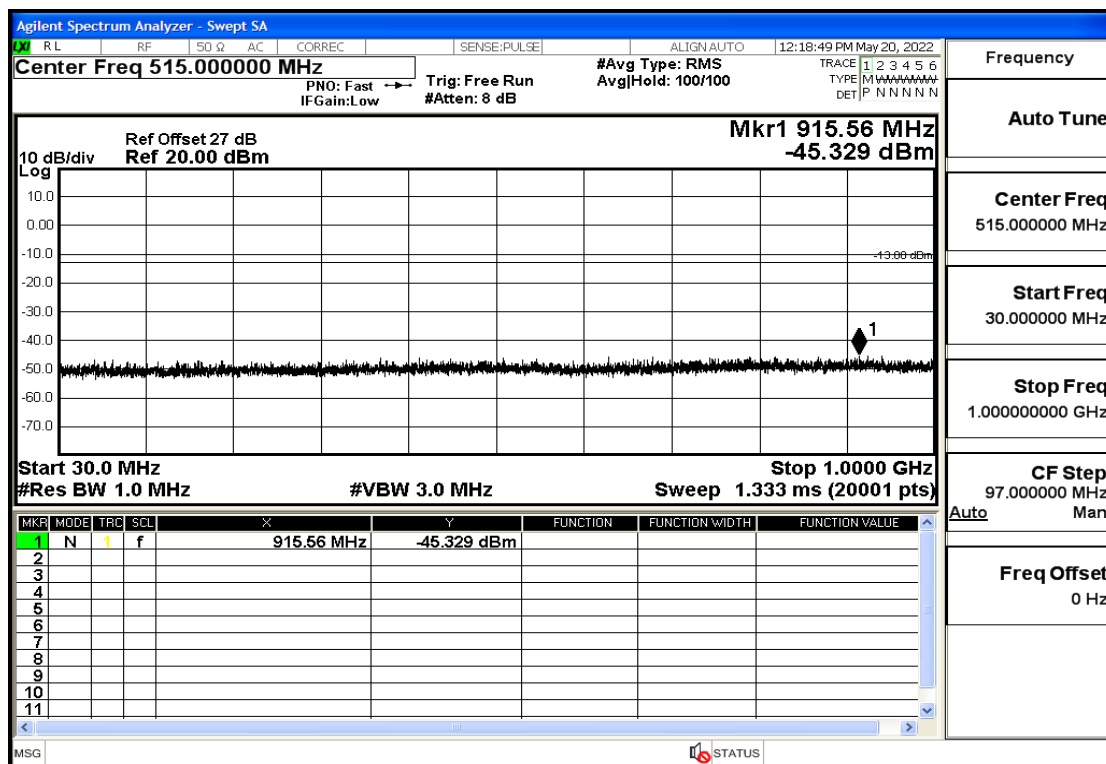
OB4-5-1712.5-Q16-25#LOW@7GHz-13.6GHz@Pass



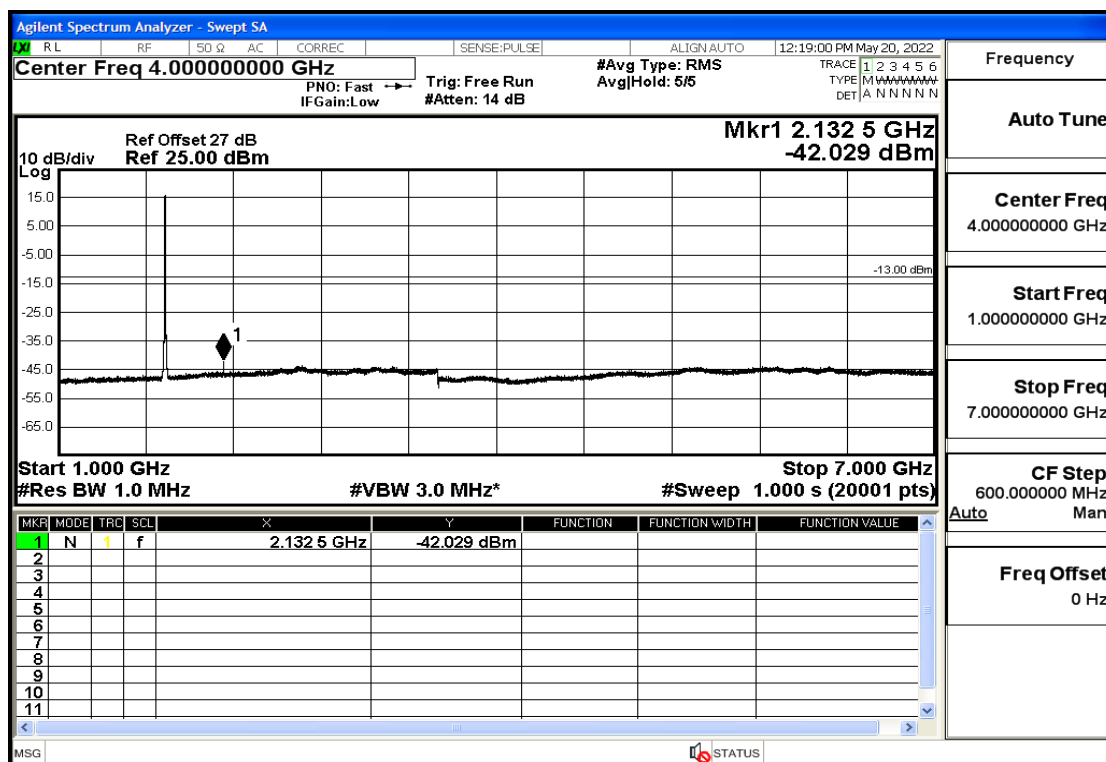
OB4-5-1712.5-Q16-25#LOW@13.6GHz-20GHz@Pass



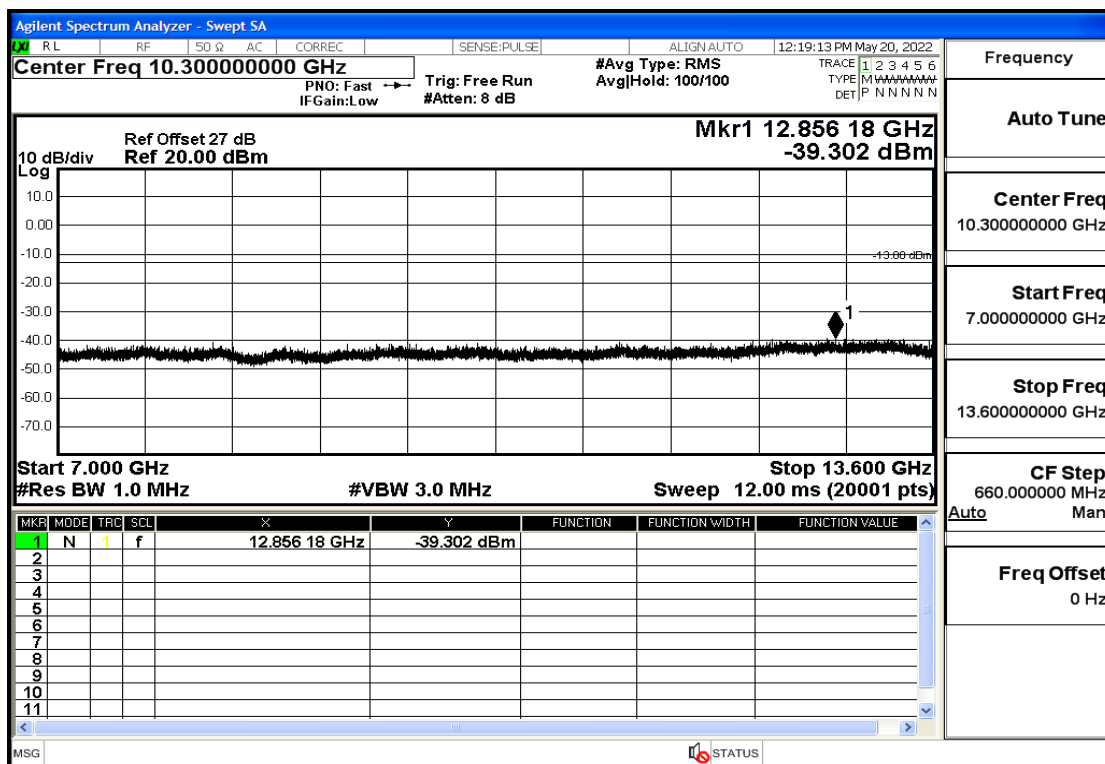
OB4-5-1732.5-Q16-25#LOW@30mHz-1GHz@Pass



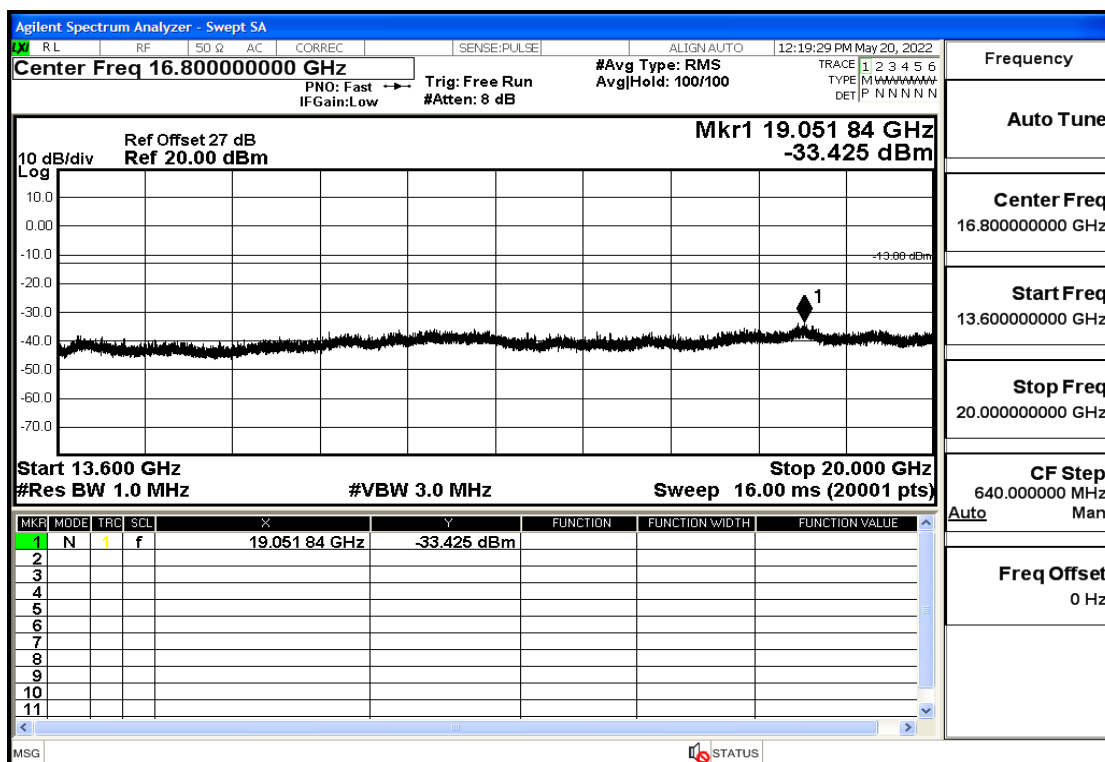
OB4-5-1732.5-Q16-25#LOW@1GHz-7GHz@Pass



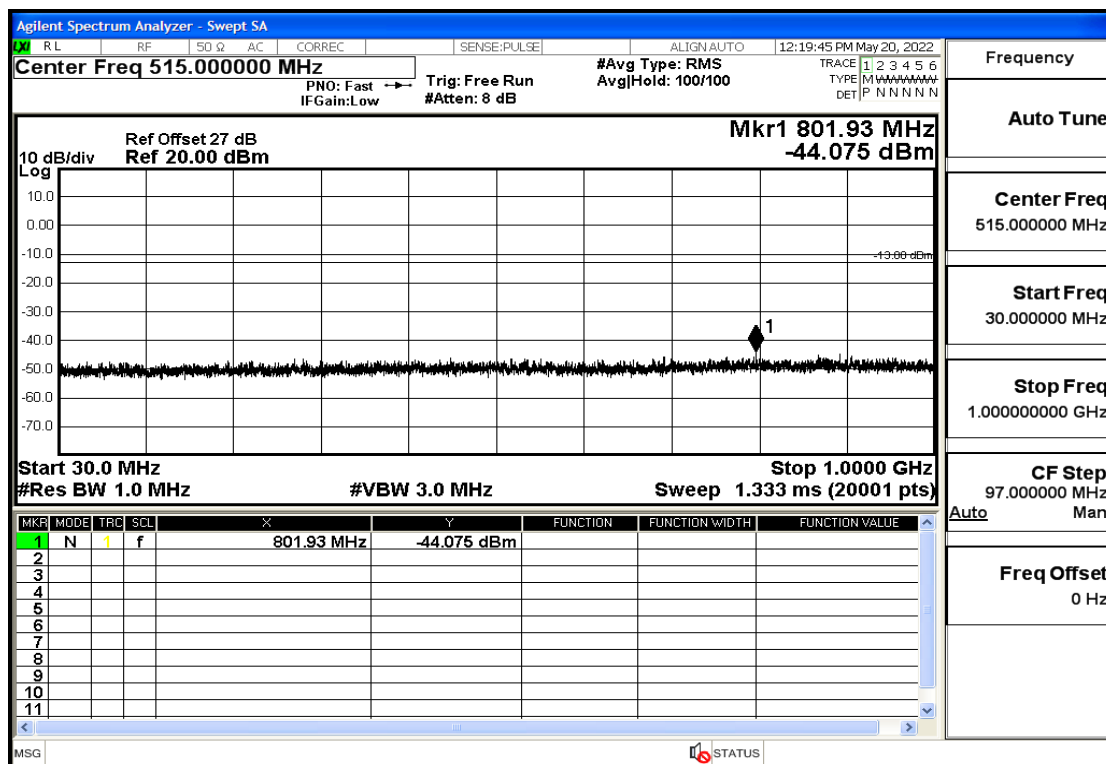
OB4-5-1732.5-Q16-25#LOW@7GHz-13.6GHz@Pass



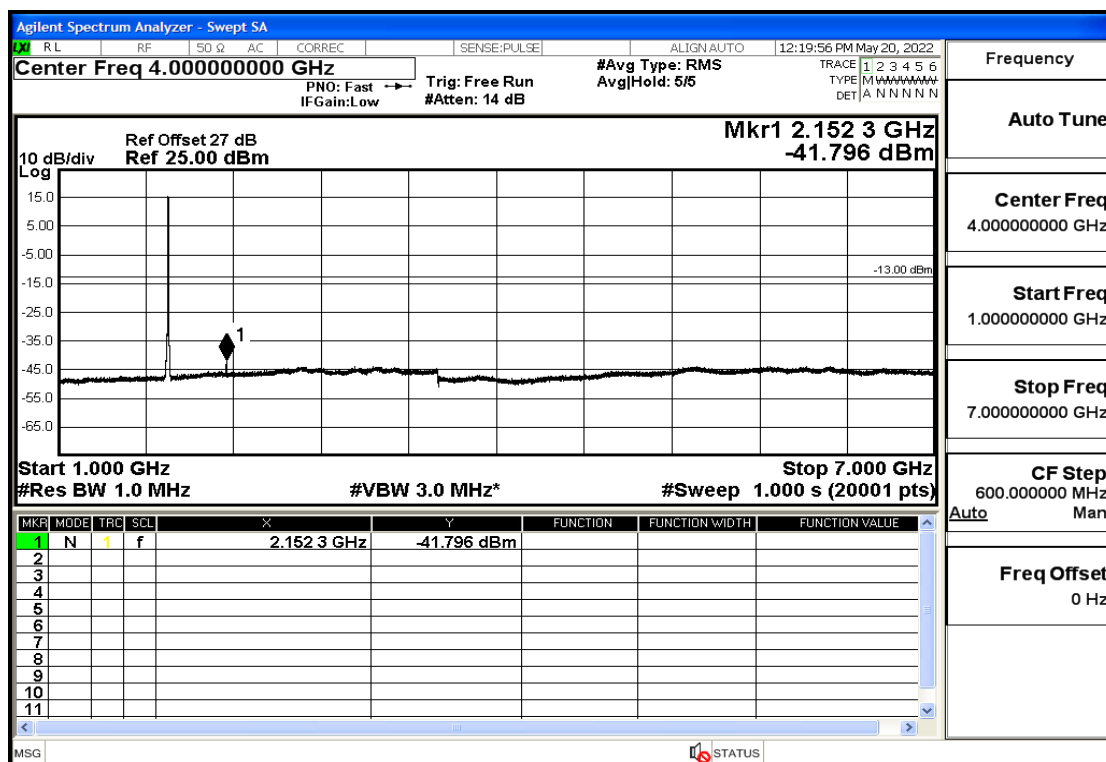
OB4-5-1732.5-Q16-25#LOW@13.6GHz-20GHz@Pass



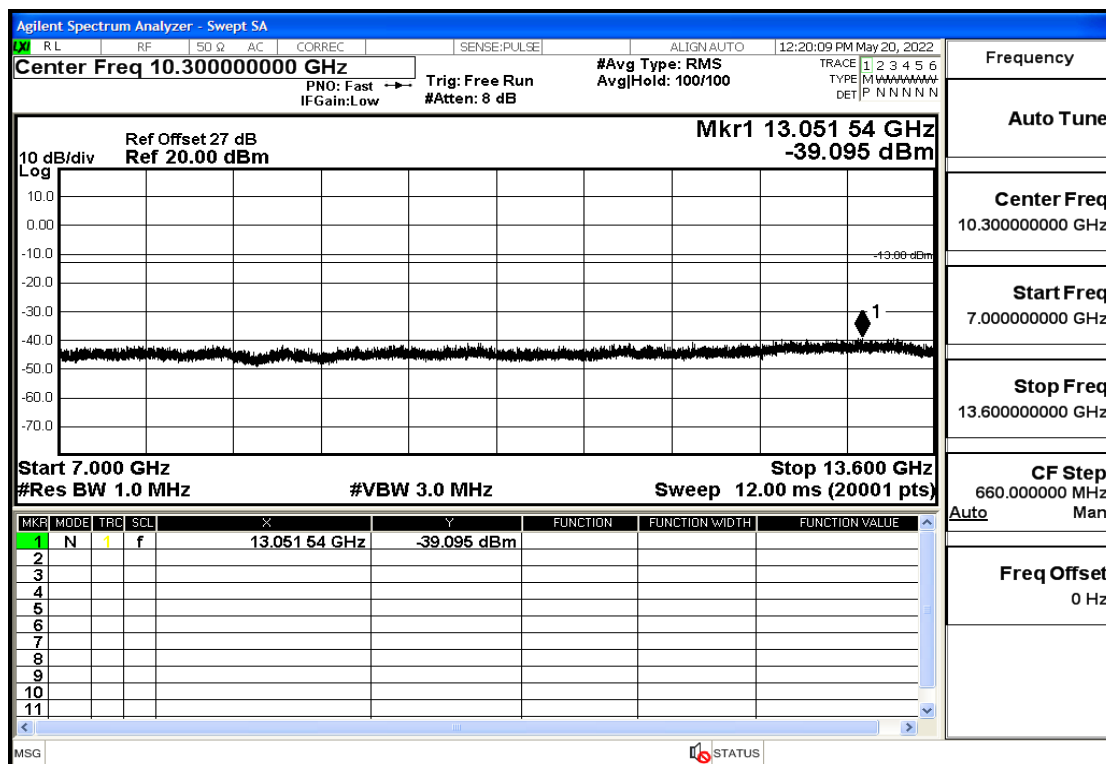
OB4-5-1752.5-Q16-25#LOW@30mHz-1GHz@Pass



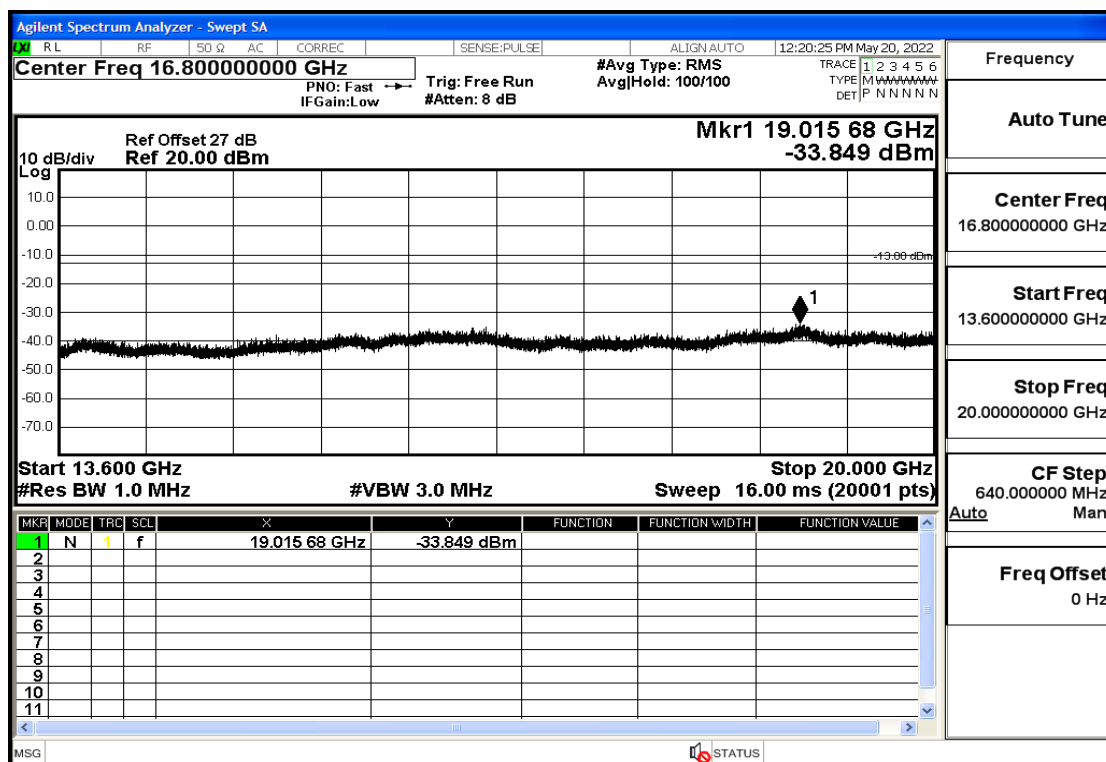
OB4-5-1752.5-Q16-25#LOW@1GHz-7GHz@Pass



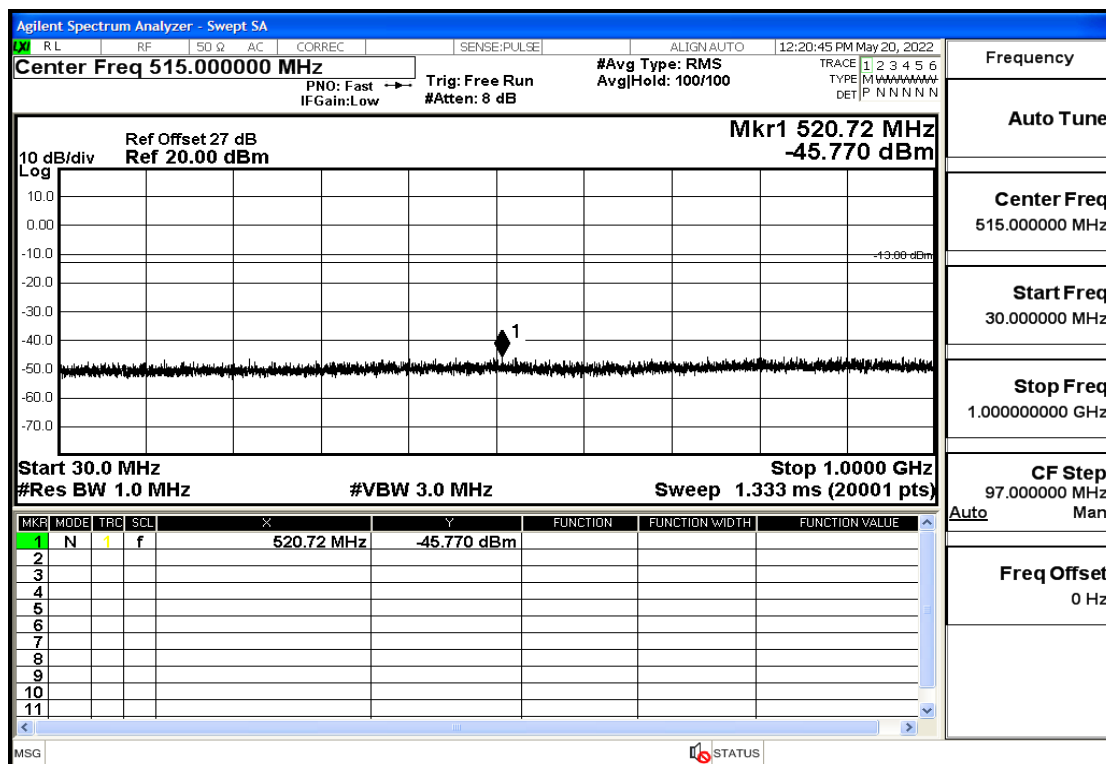
OB4-5-1752.5-Q16-25#LOW@7GHz-13.6GHz@Pass



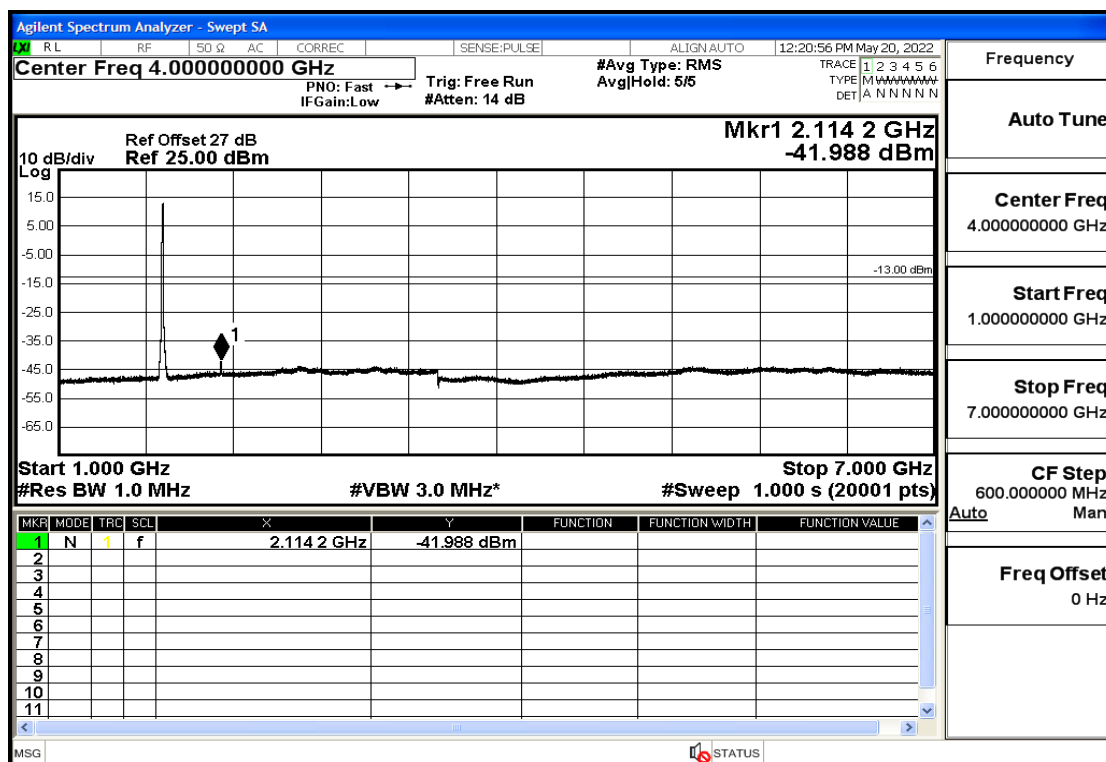
OB4-5-1752.5-Q16-25#LOW@13.6GHz-20GHz@Pass



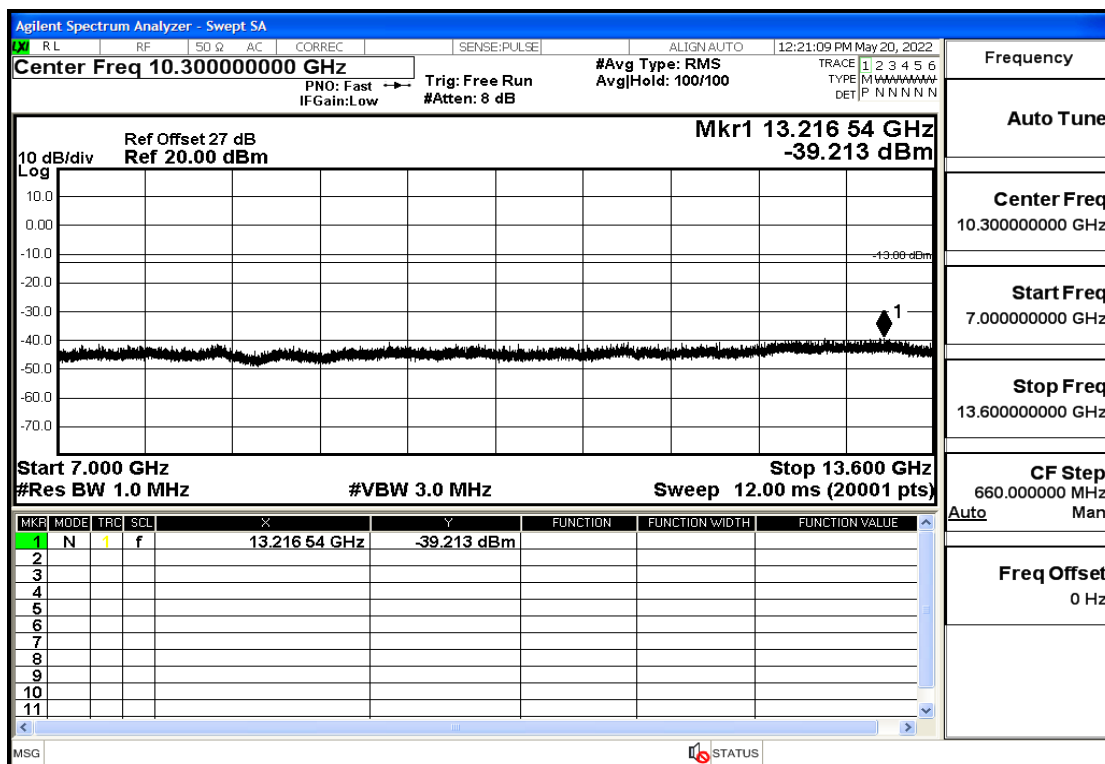
OB4-10-1715-Q16-50#LOW@30mHz-1GHz@Pass



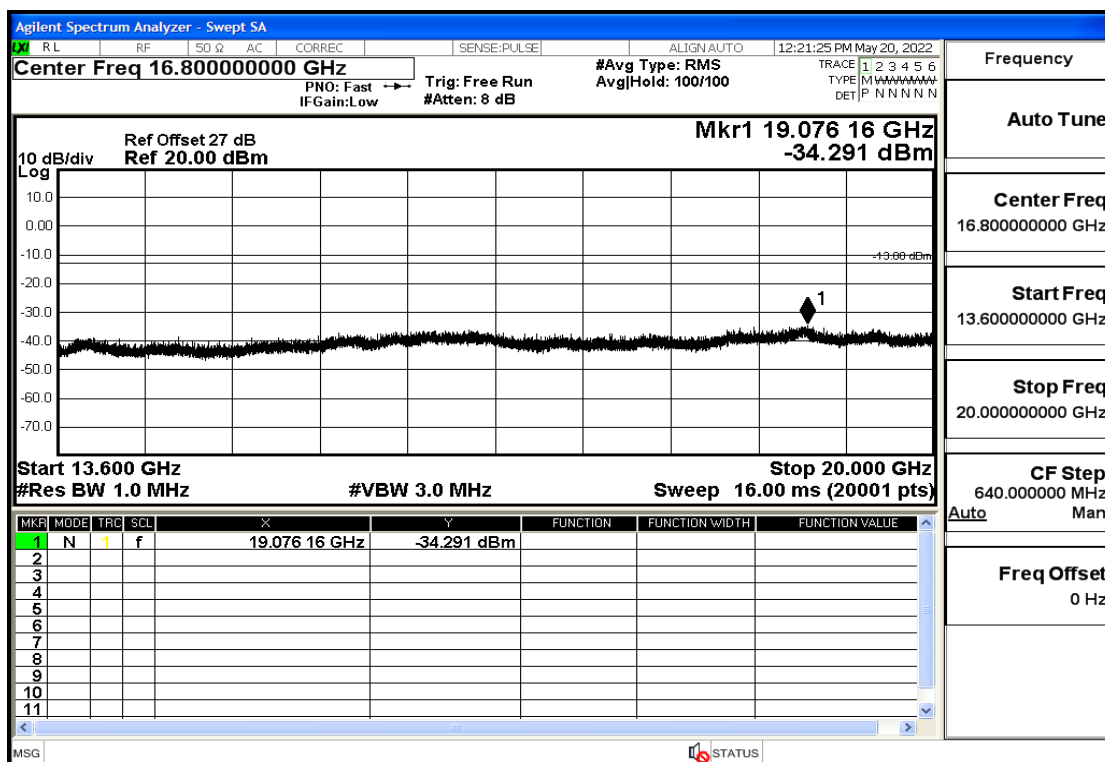
OB4-10-1715-Q16-50#LOW@1GHz-7GHz@Pass



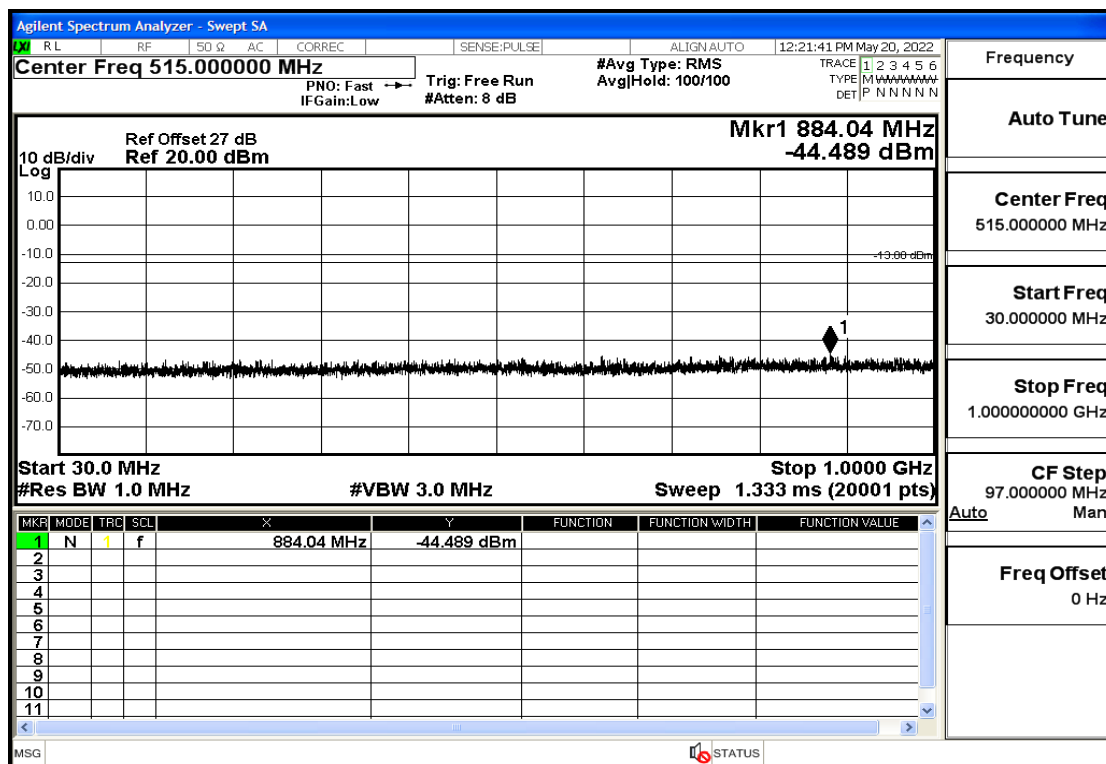
OB4-10-1715-Q16-50#LOW@7GHz-13.6GHz@Pass



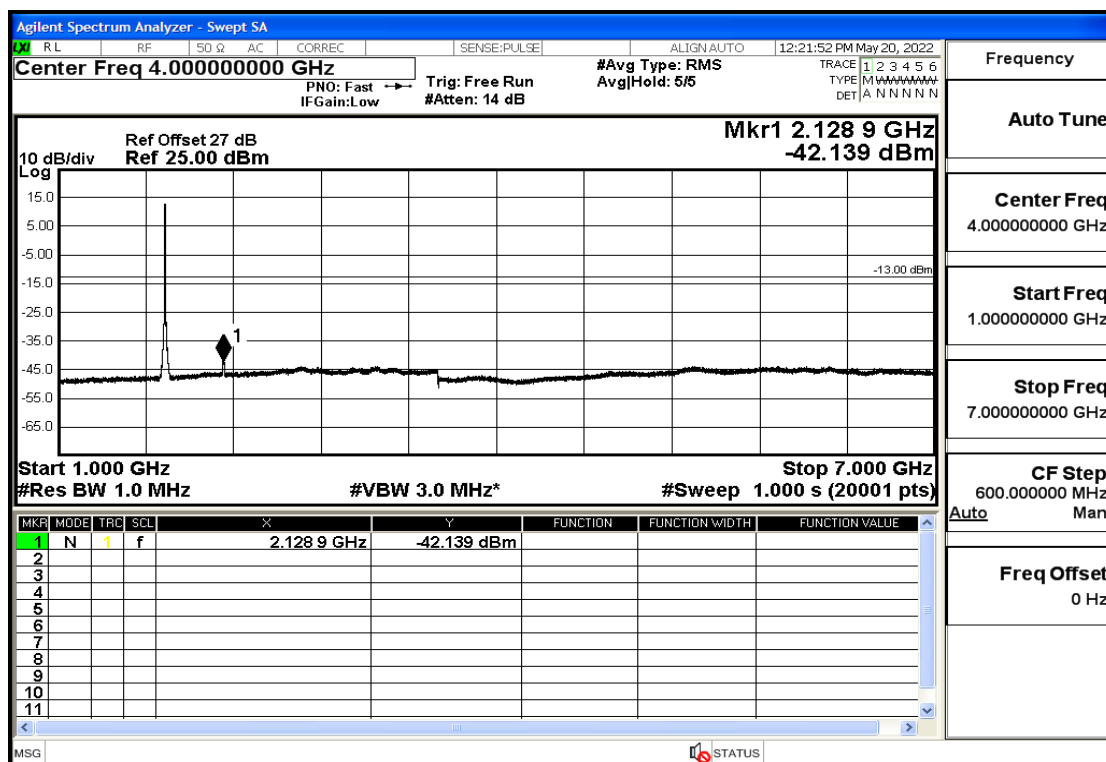
OB4-10-1715-Q16-50#LOW@13.6GHz-20GHz@Pass



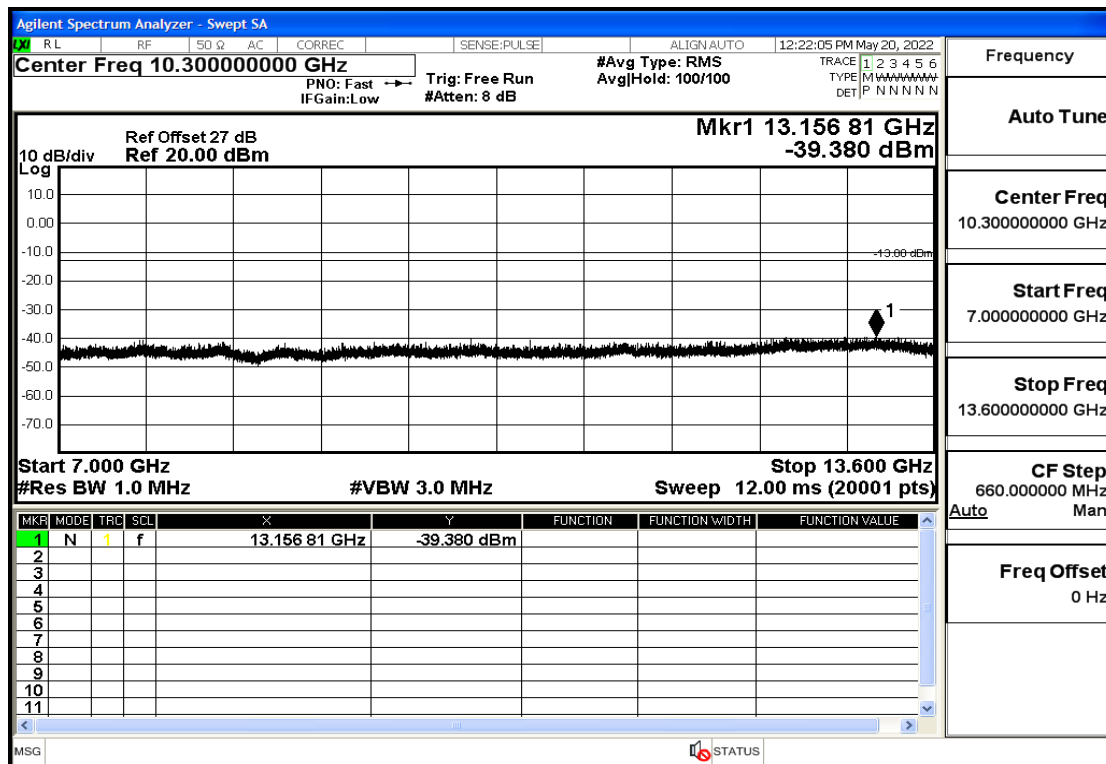
OB4-10-1732.5-Q16-50#LOW@30mHz-1GHz@Pass



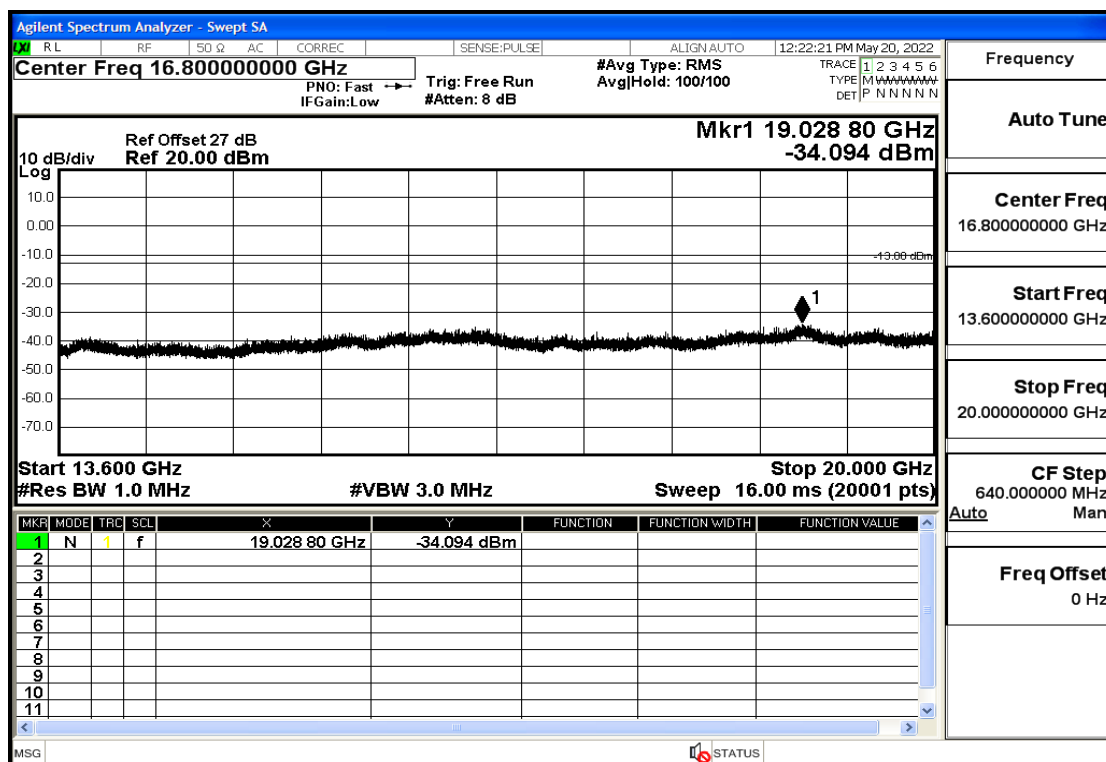
OB4-10-1732.5-Q16-50#LOW@1GHz-7GHz@Pass



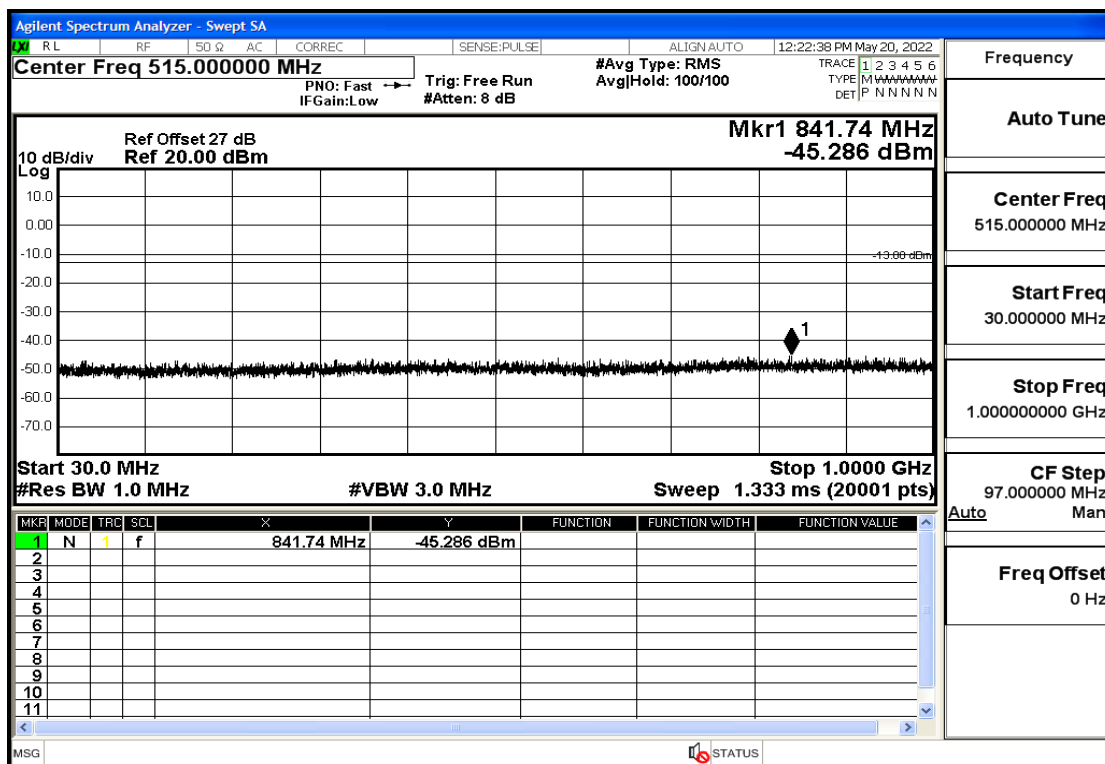
OB4-10-1732.5-Q16-50#LOW@7GHz-13.6GHz@Pass



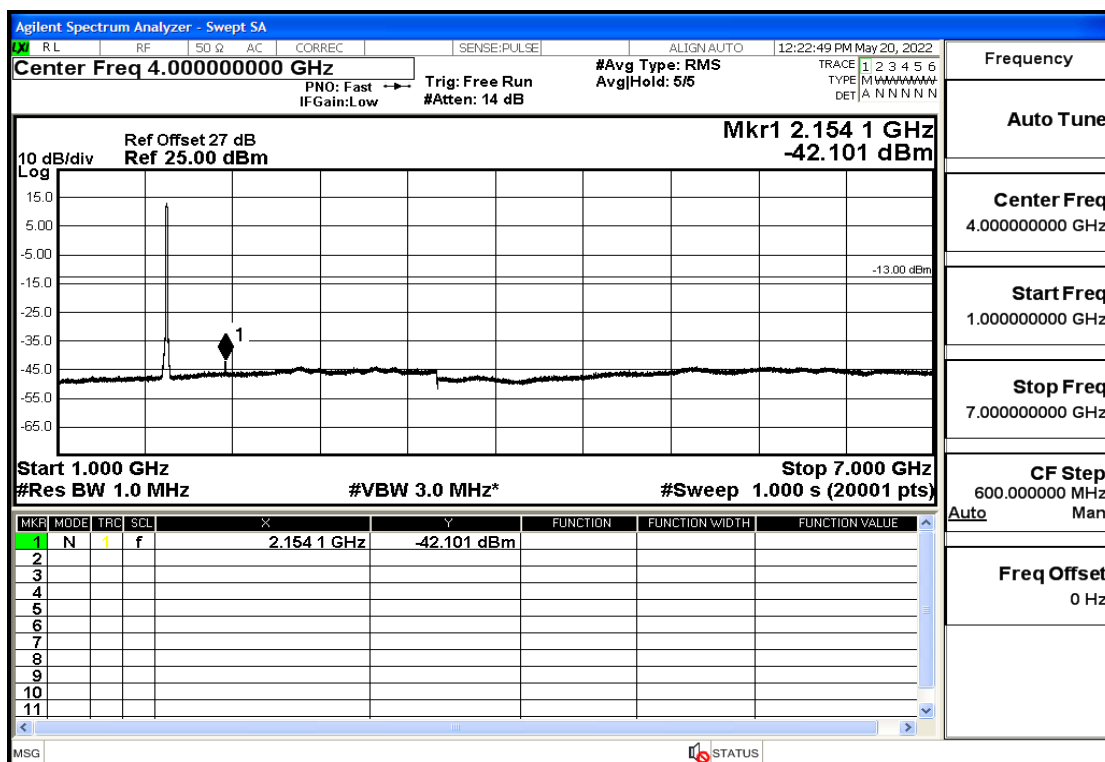
OB4-10-1732.5-Q16-50#LOW@13.6GHz-20GHz@Pass



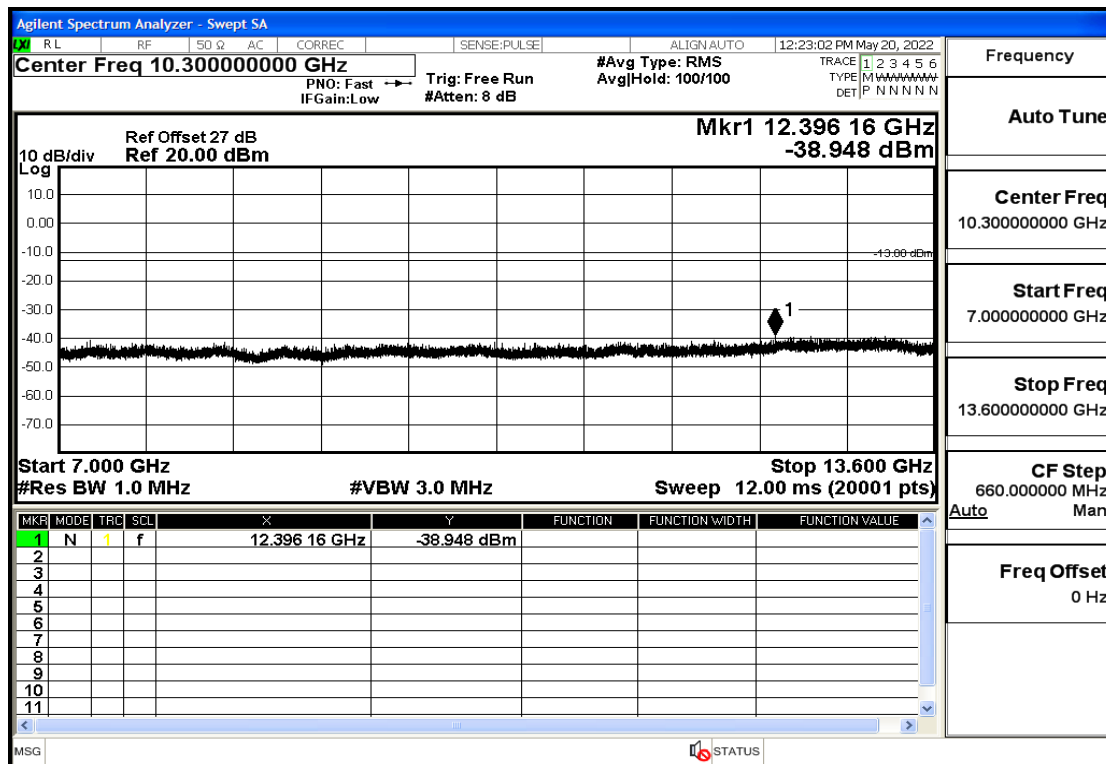
OB4-10-1750-Q16-50#LOW@30mHz-1GHz@Pass



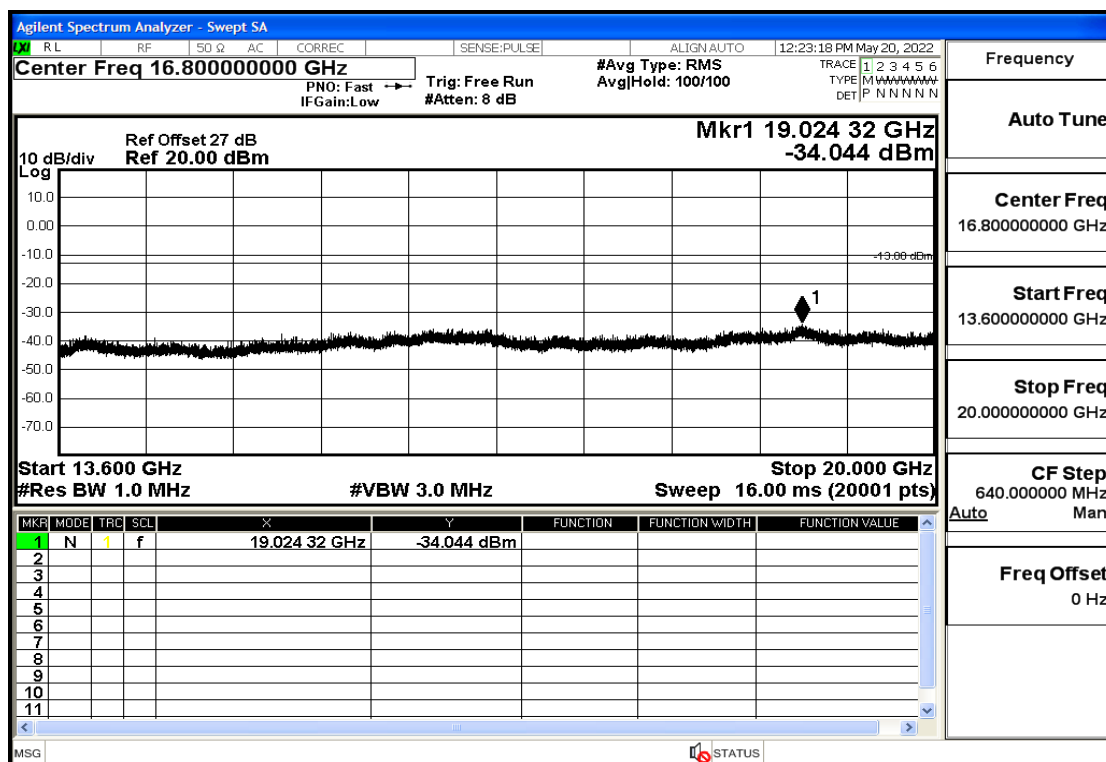
OB4-10-1750-Q16-50#LOW@1GHz-7GHz@Pass



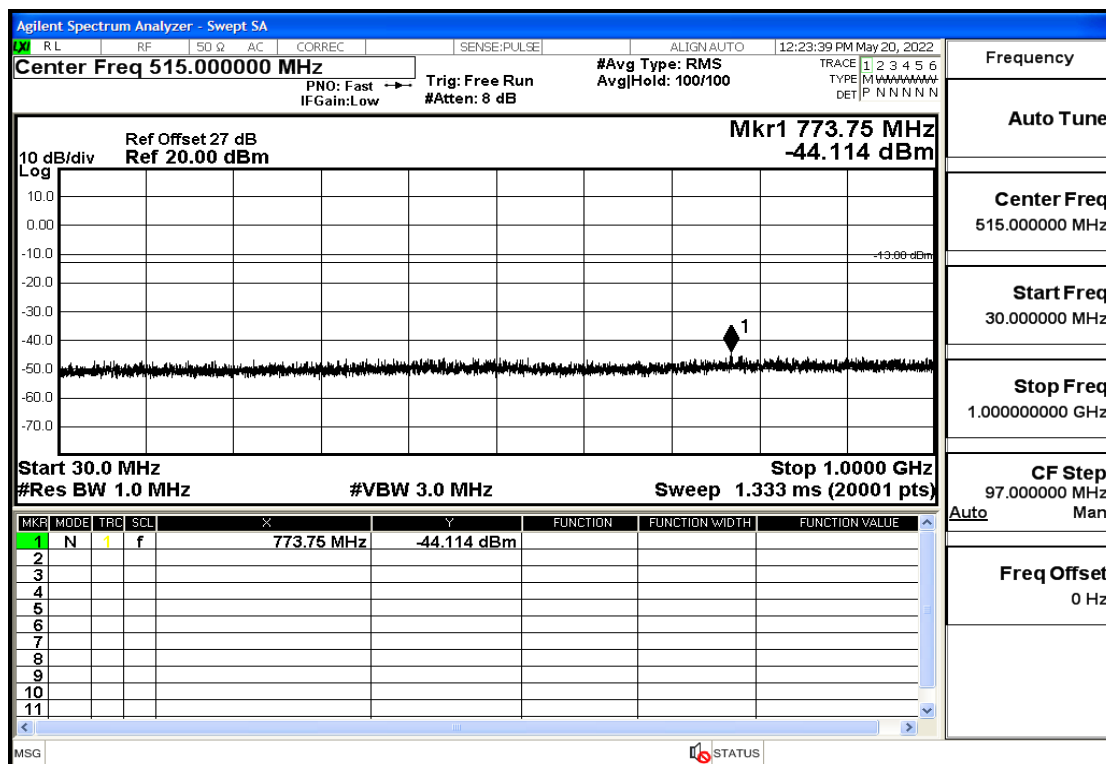
OB4-10-1750-Q16-50#LOW@7GHz-13.6GHz@Pass



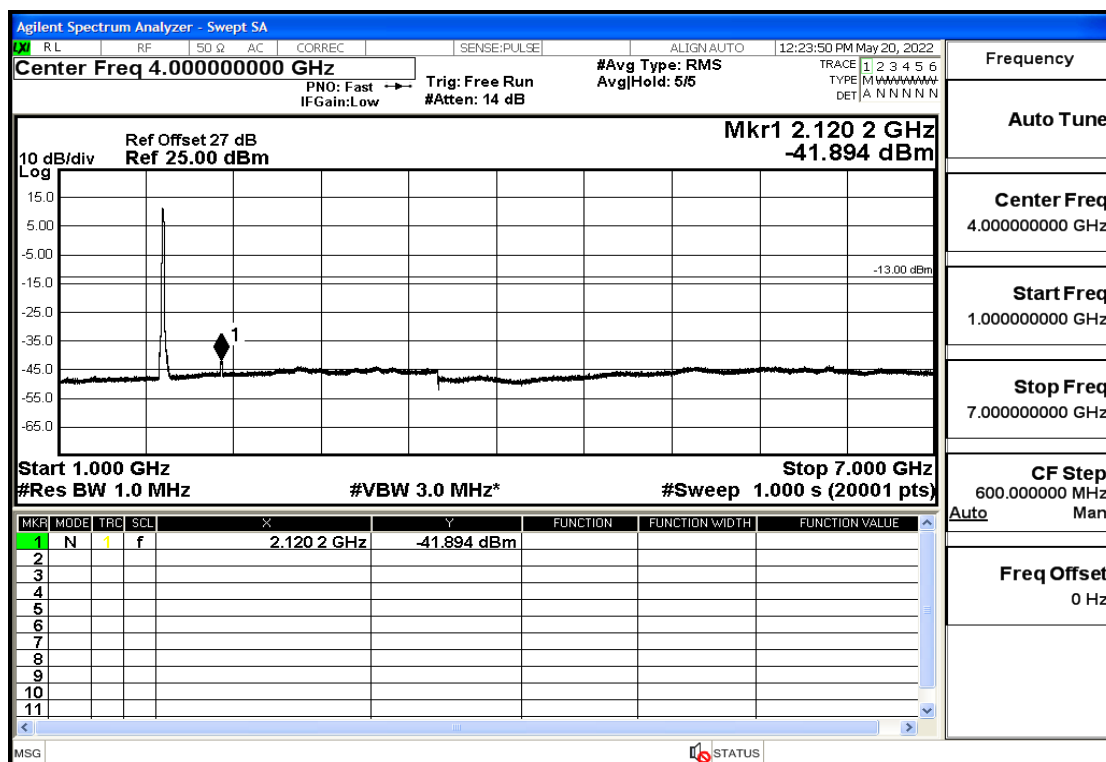
OB4-10-1750-Q16-50#LOW@13.6GHz-20GHz@Pass



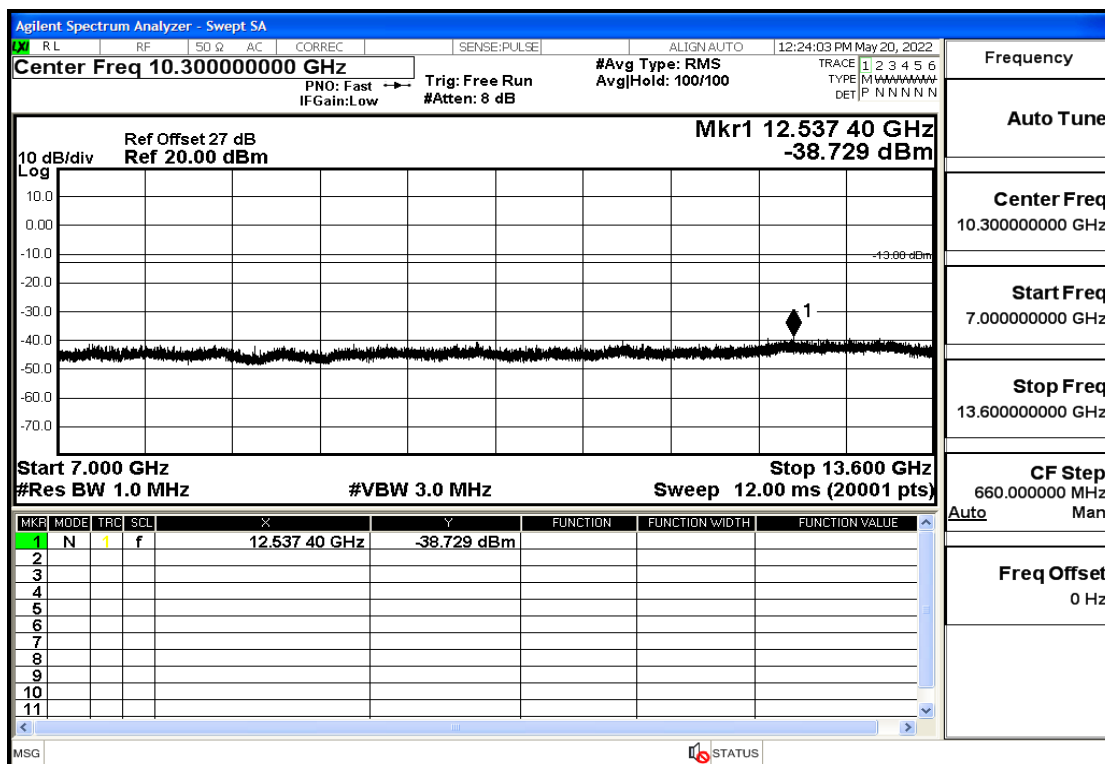
OB4-15-1717.5-Q16-75#LOW@30mHz-1GHz@Pass



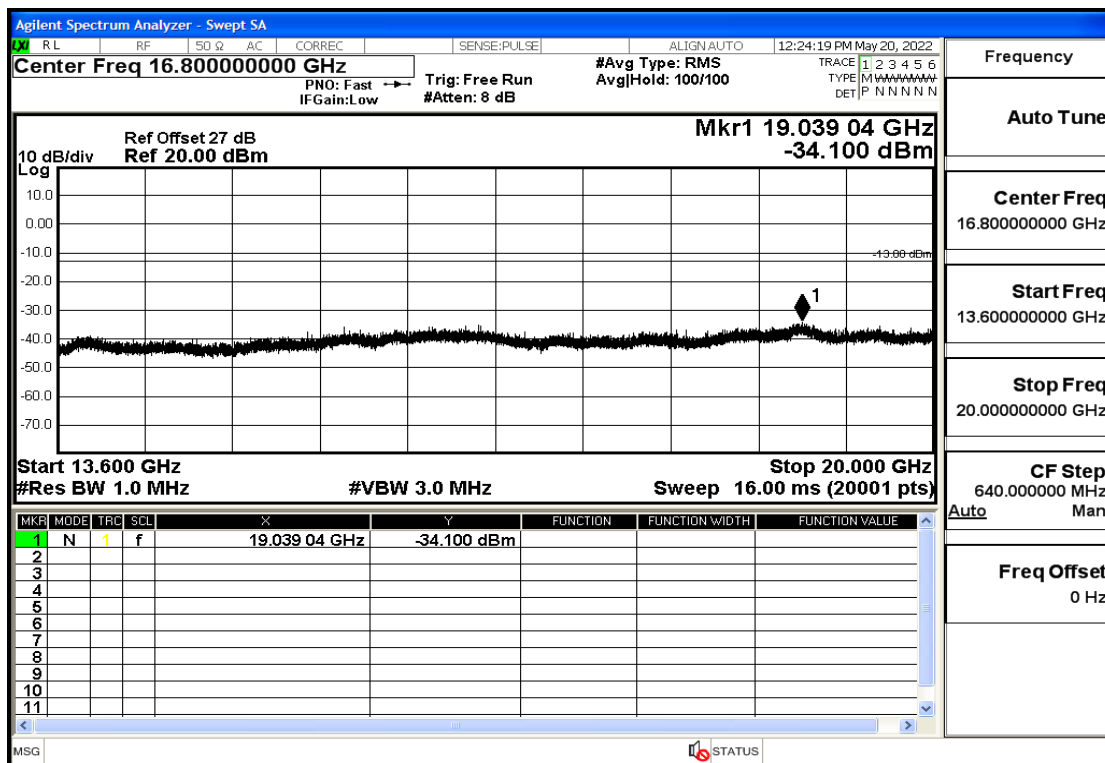
OB4-15-1717.5-Q16-75#LOW@1GHz-7GHz@Pass



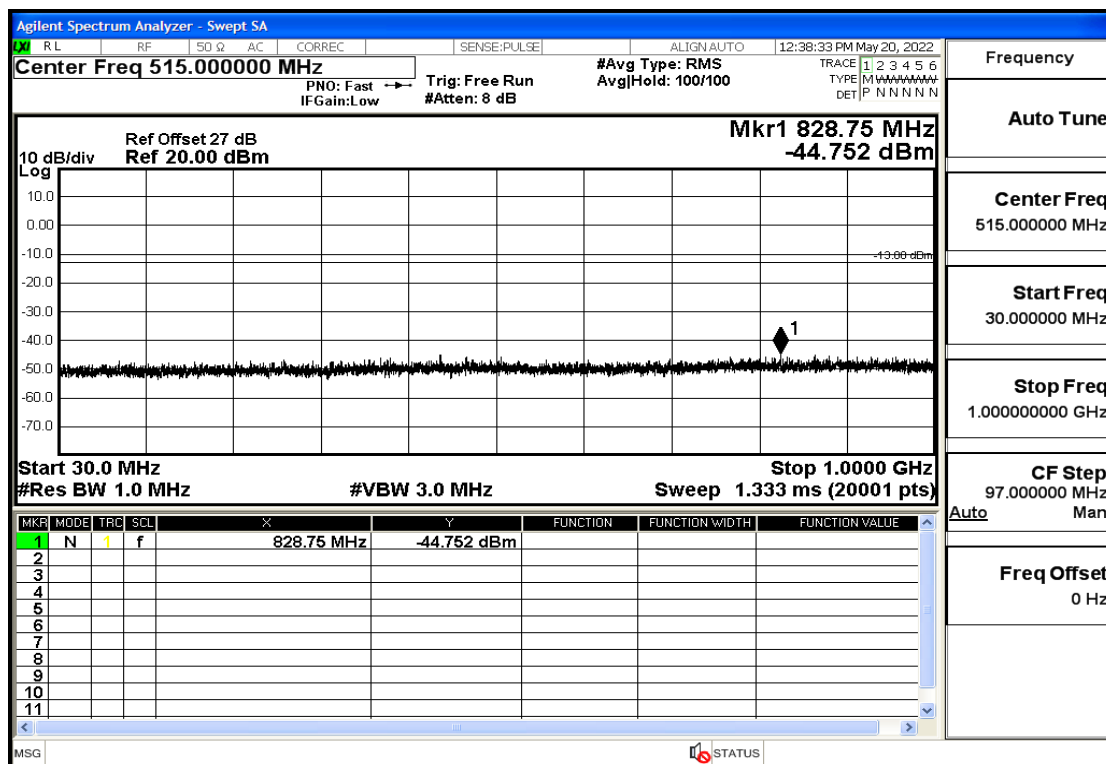
OB4-15-1717.5-Q16-75#LOW@7GHz-13.6GHz@Pass



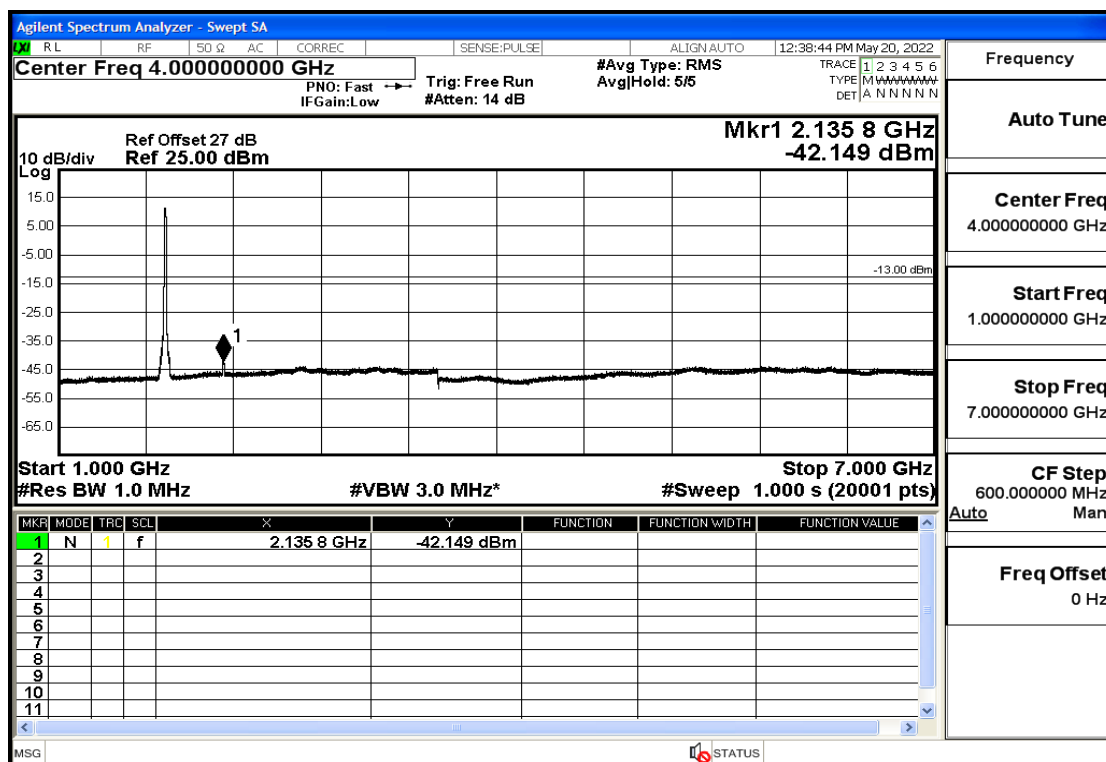
OB4-15-1717.5-Q16-75#LOW@13.6GHz-20GHz@Pass



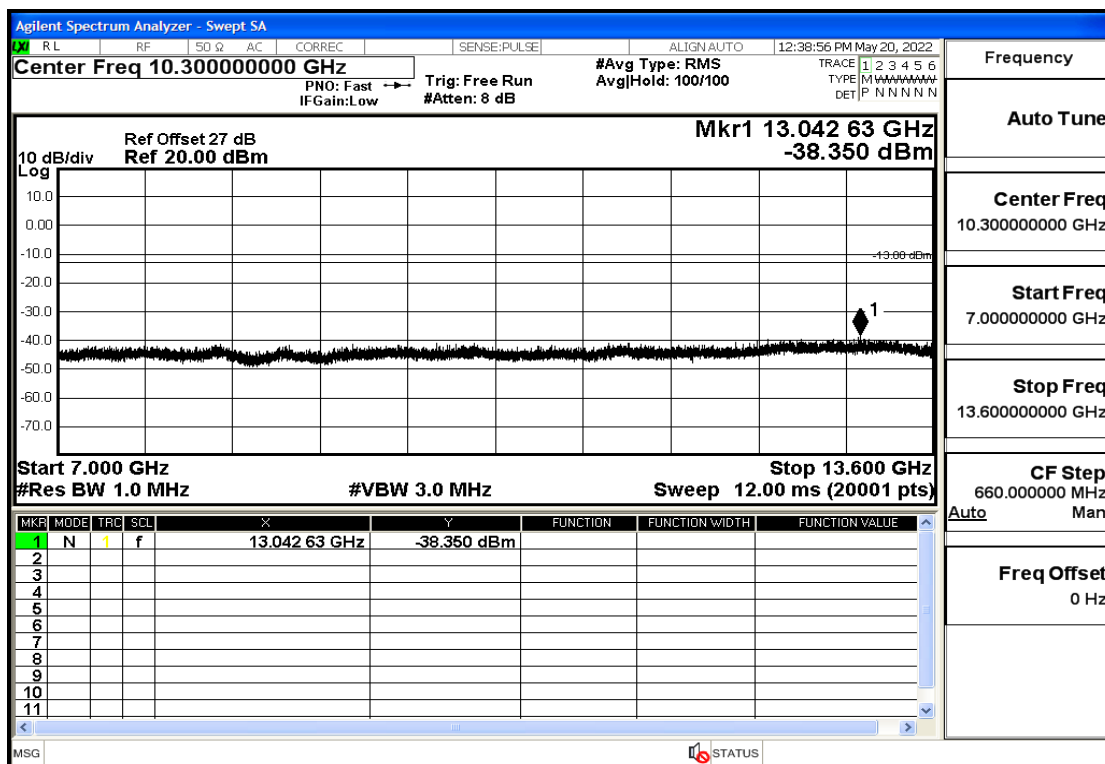
OB4-15-1732.5-Q16-75#LOW@30mHz-1GHz@Pass



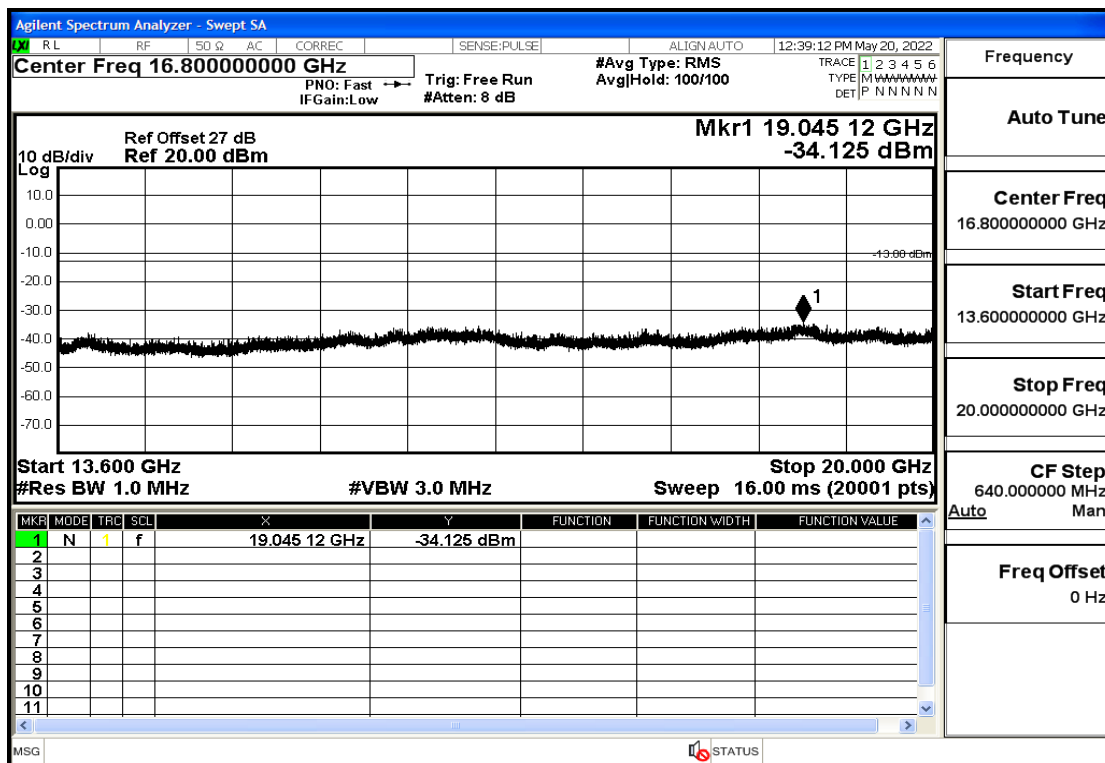
OB4-15-1732.5-Q16-75#LOW@1GHz-7GHz@Pass



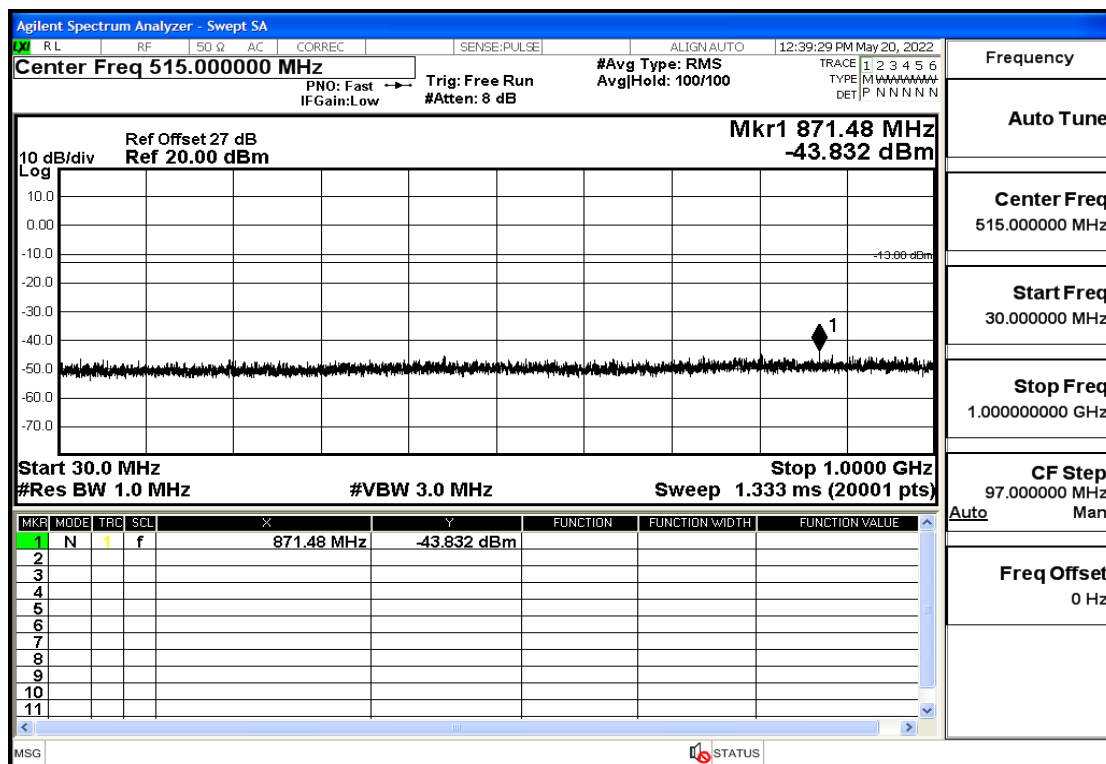
OB4-15-1732.5-Q16-75#LOW@7GHz-13.6GHz@Pass



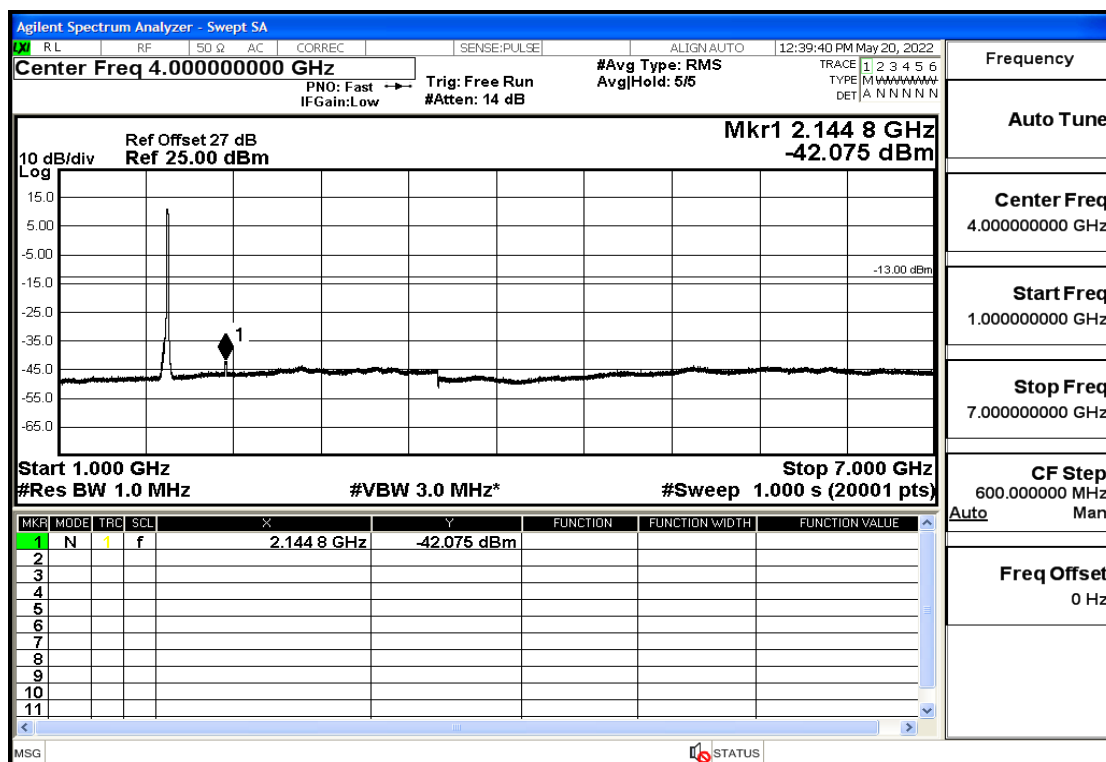
OB4-15-1732.5-Q16-75#LOW@13.6GHz-20GHz@Pass



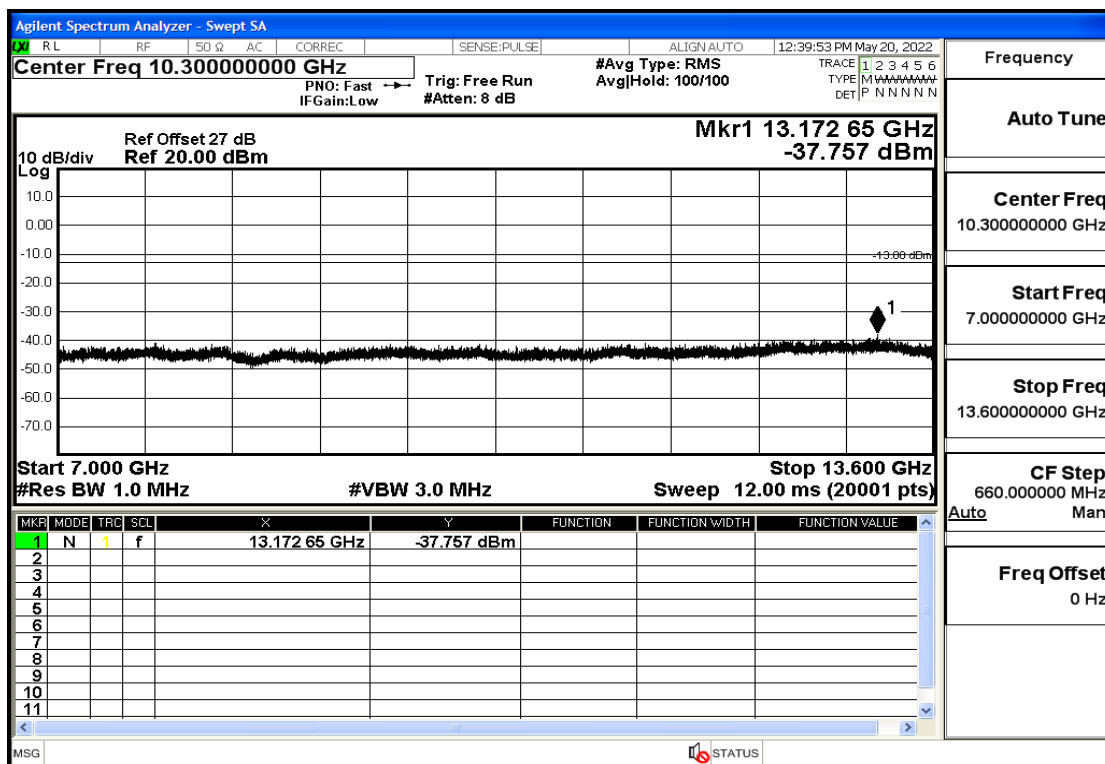
OB4-15-1747.5-Q16-75#LOW@30mHz-1GHz@Pass



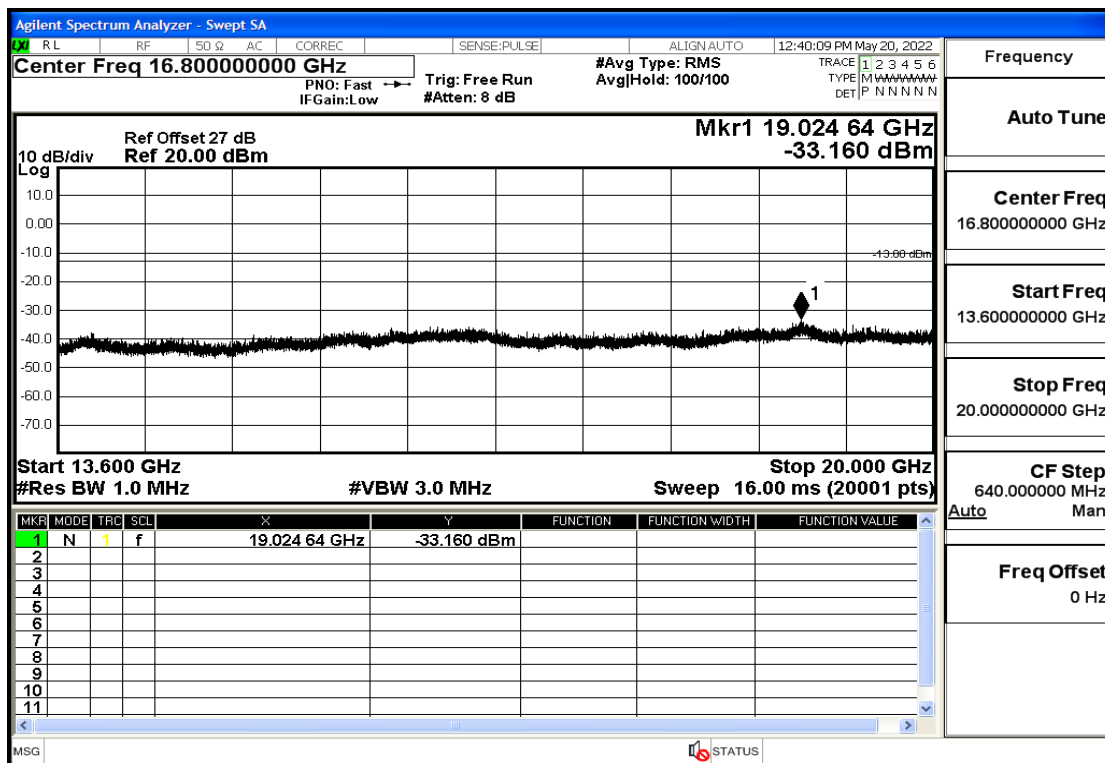
OB4-15-1747.5-Q16-75#LOW@1GHz-7GHz@Pass



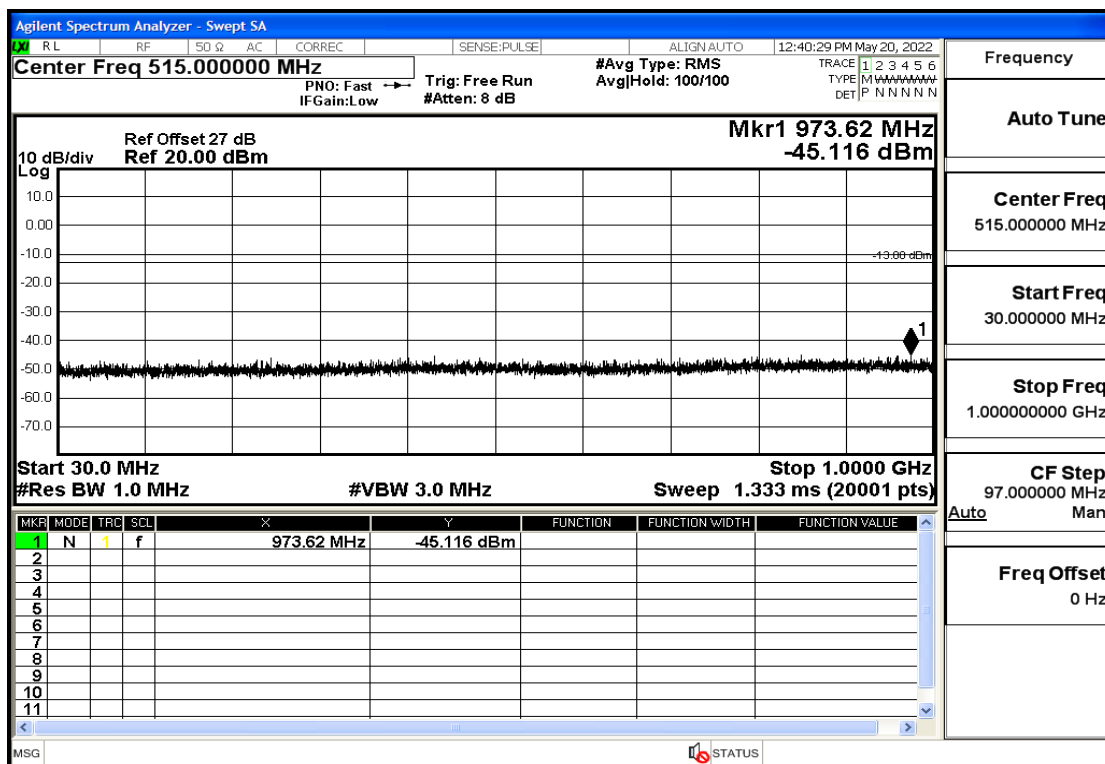
OB4-15-1747.5-Q16-75#LOW@7GHz-13.6GHz@Pass



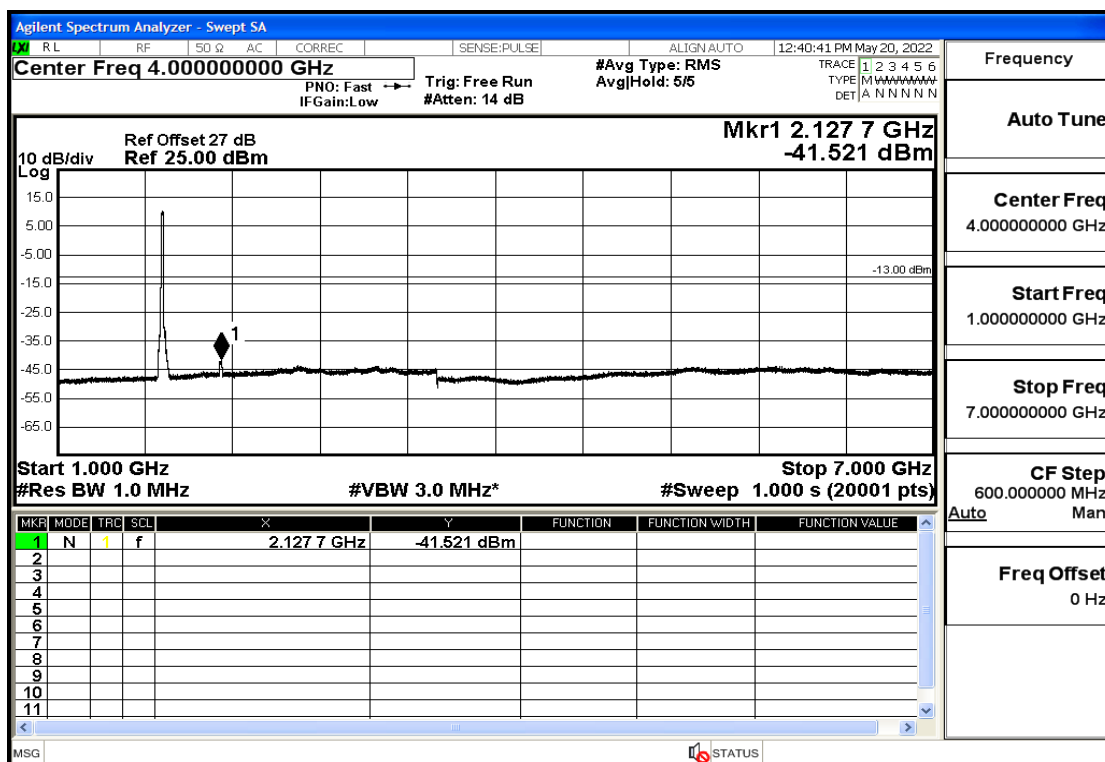
OB4-15-1747.5-Q16-75#LOW@13.6GHz-20GHz@Pass



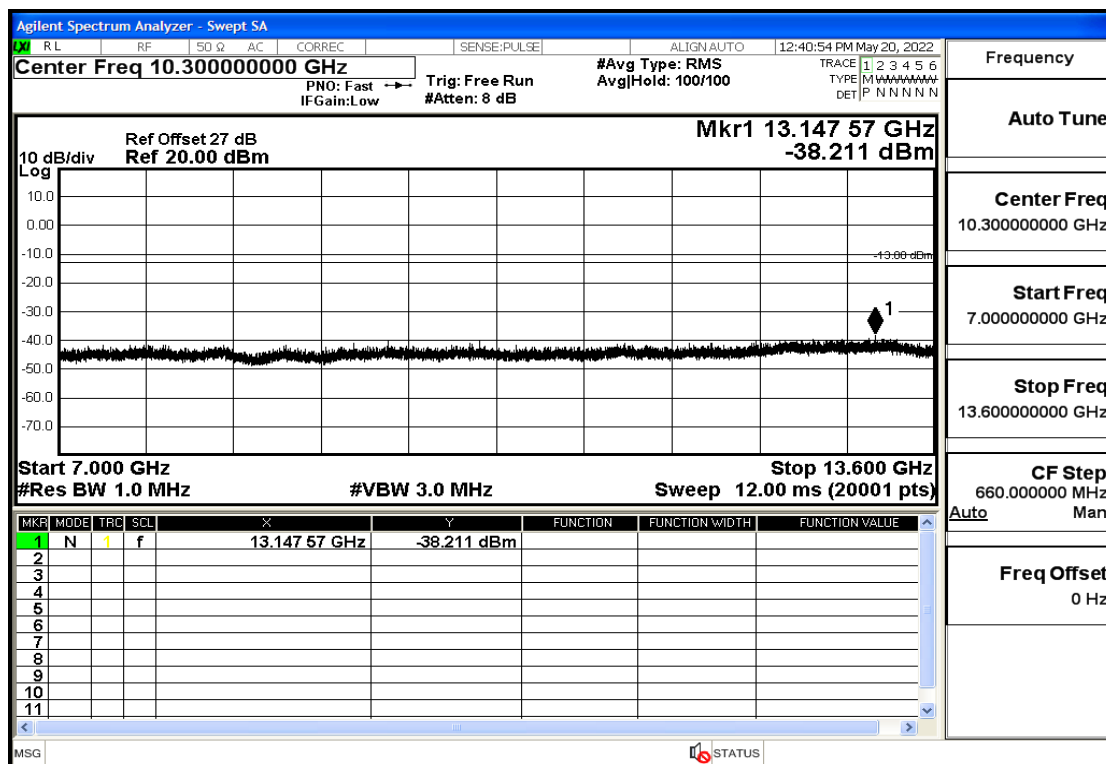
OB4-20-1720-Q16-100#LOW@30mHz-1GHz@Pass



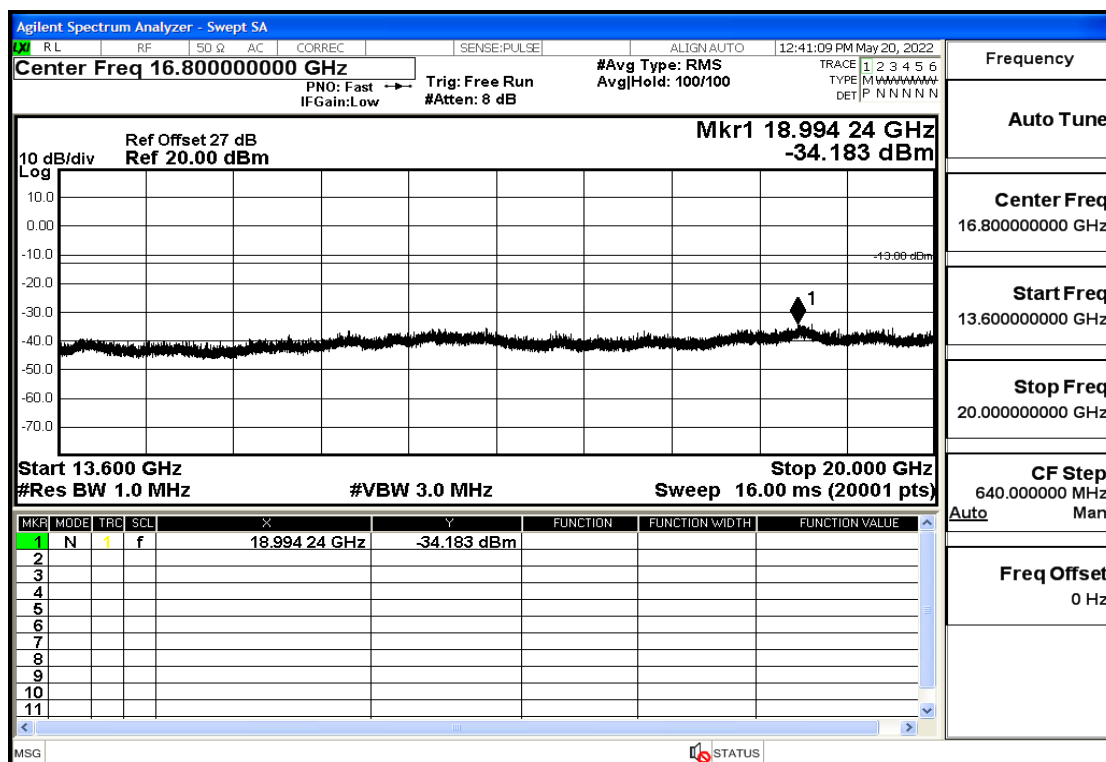
OB4-20-1720-Q16-100#LOW@1GHz-7GHz@Pass



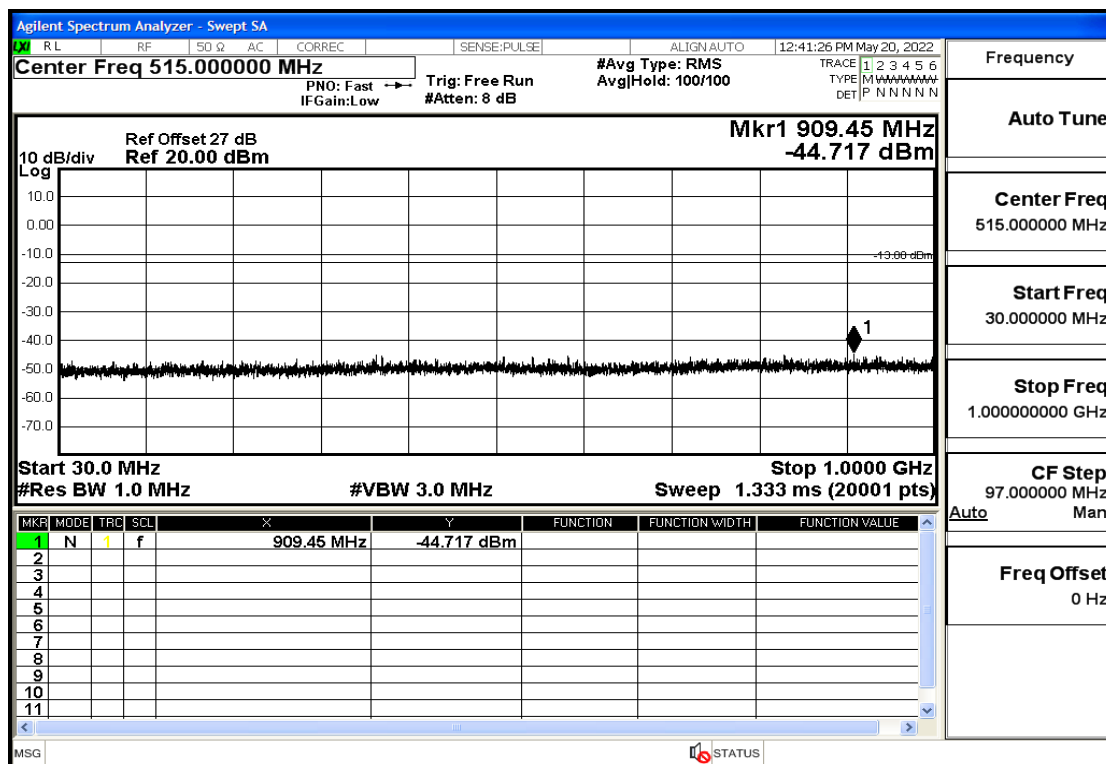
OB4-20-1720-Q16-100#LOW@7GHz-13.6GHz@Pass



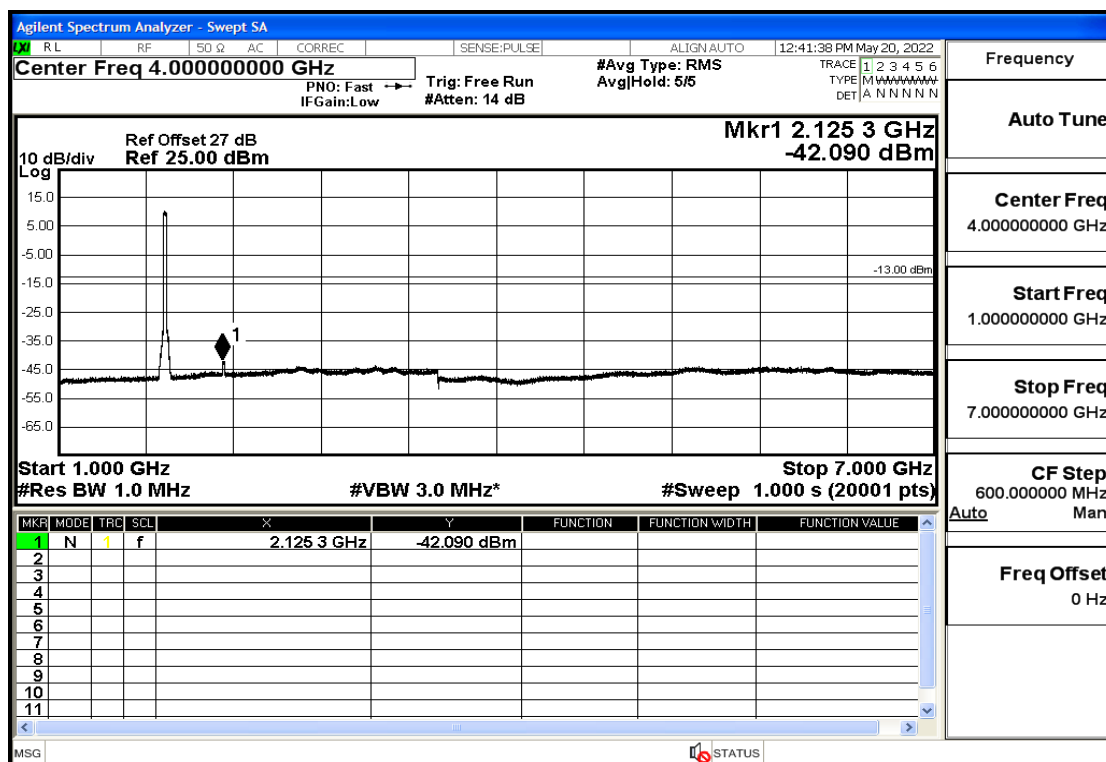
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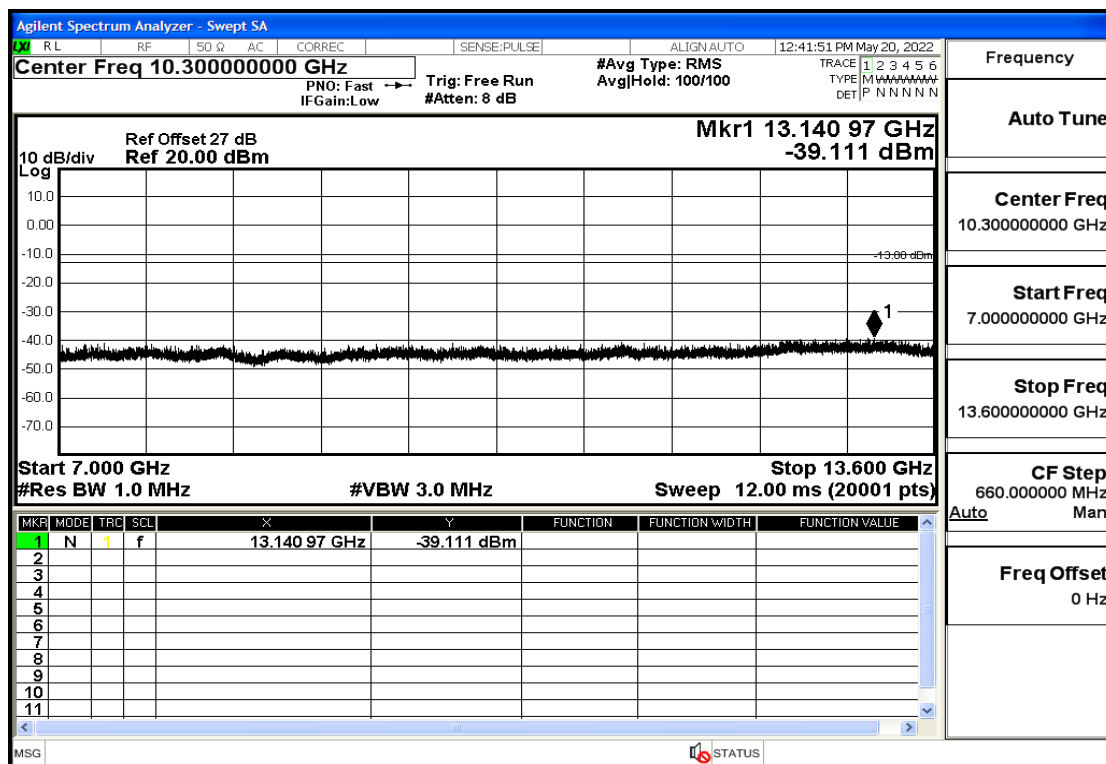
OB4-20-1732.5-Q16-100#LOW@30mHz-1GHz@Pass



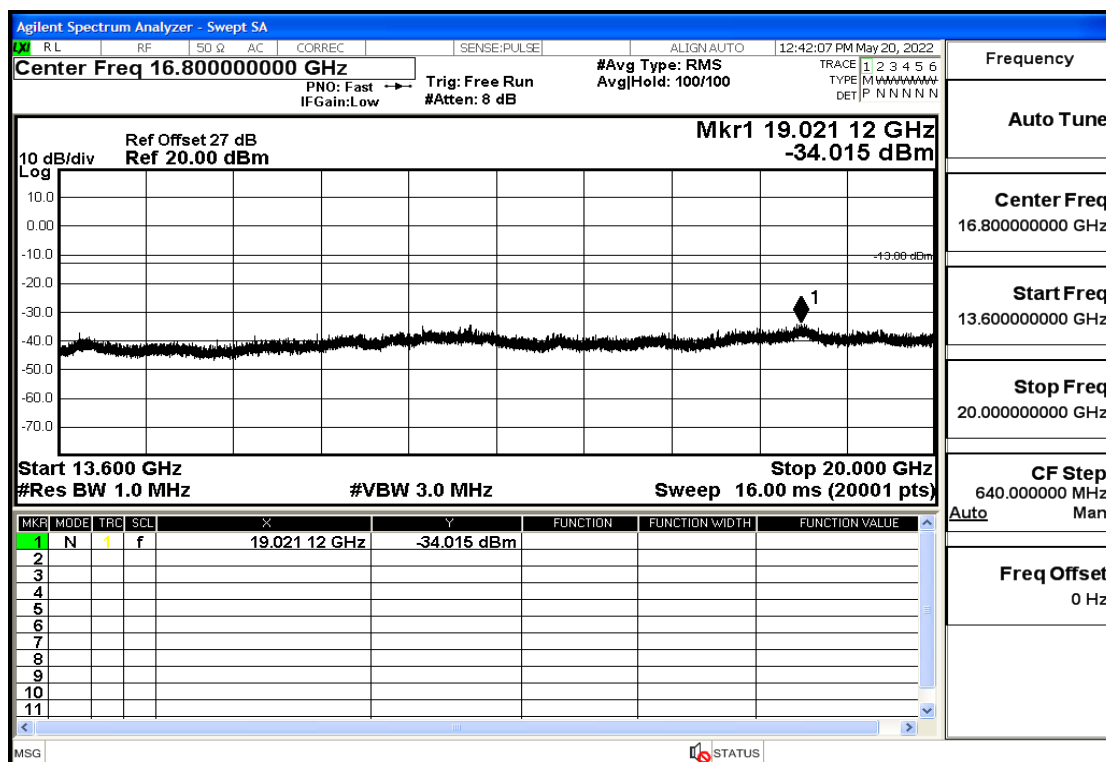
OB4-20-1732.5-Q16-100#LOW@1GHz-7GHz@Pass



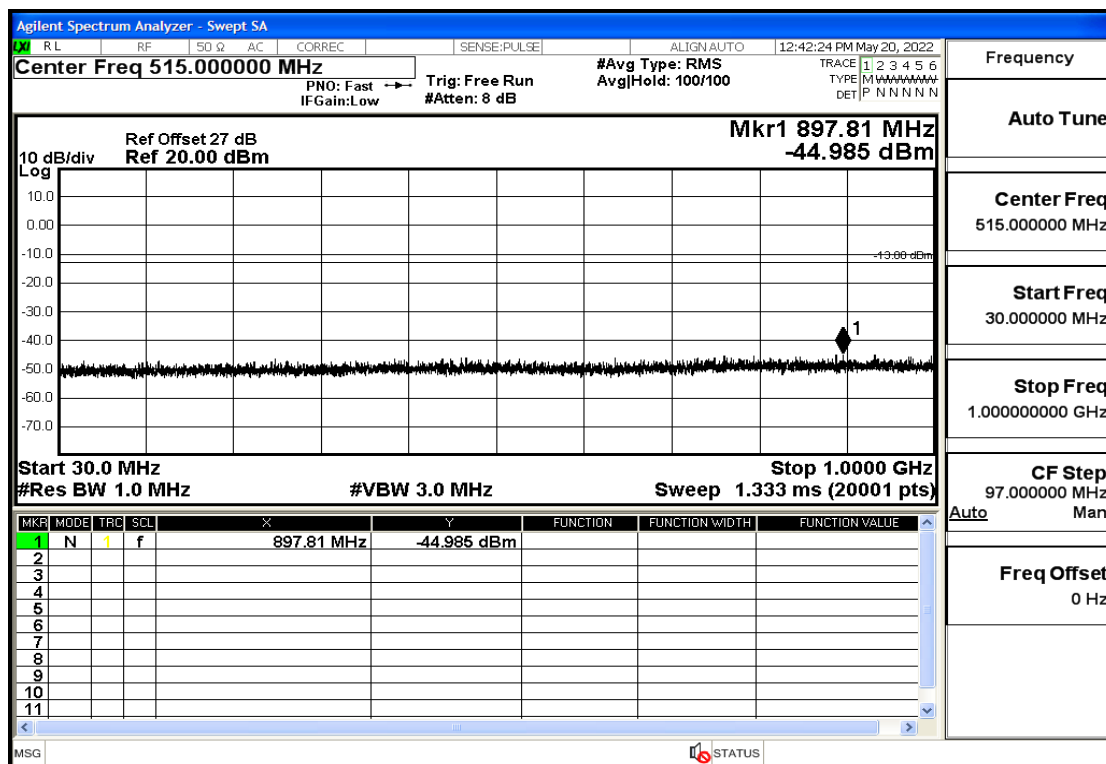
OB4-20-1732.5-Q16-100#LOW@7GHz-13.6GHz@Pass



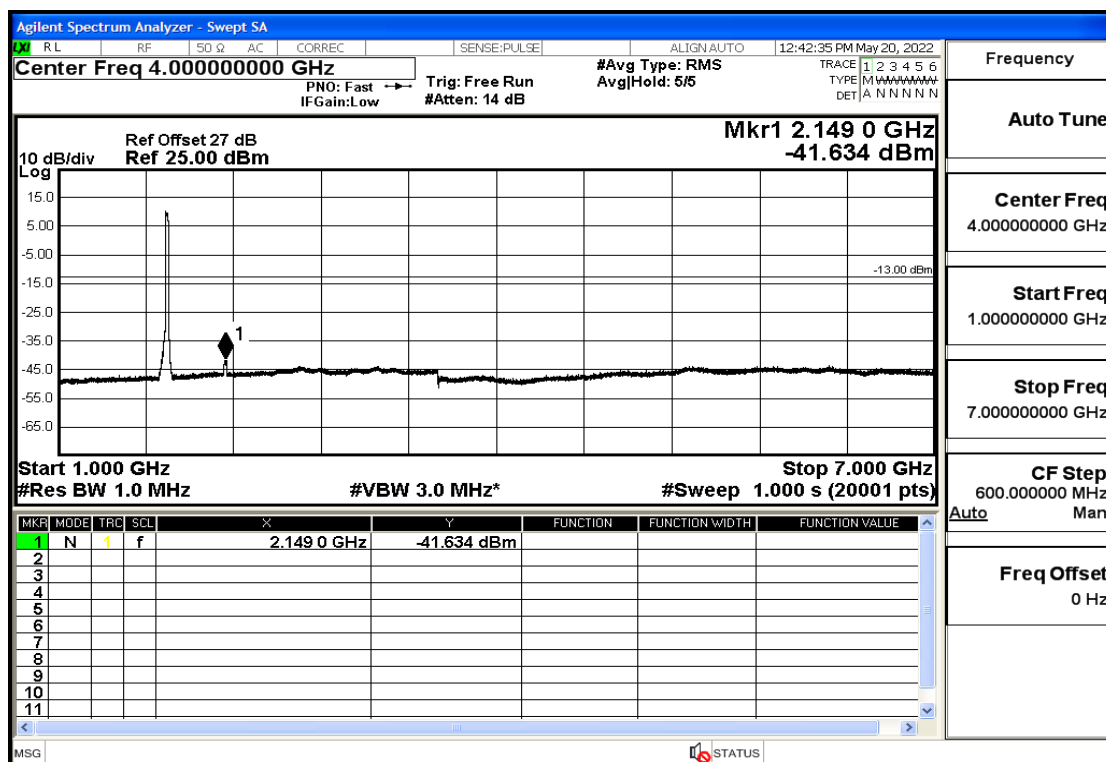
OB4-20-1732.5-Q16-100#LOW@13.6GHz-20GHz@Pass



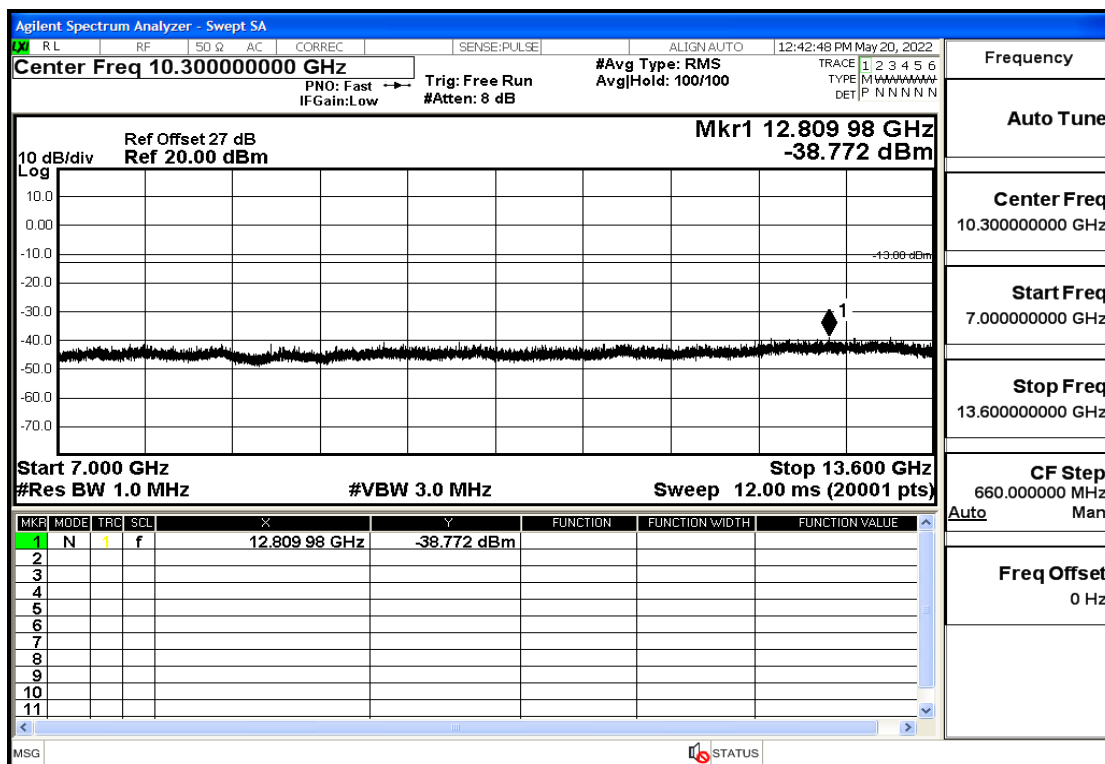
OB4-20-1745-Q16-100#LOW@30mHz-1GHz@Pass



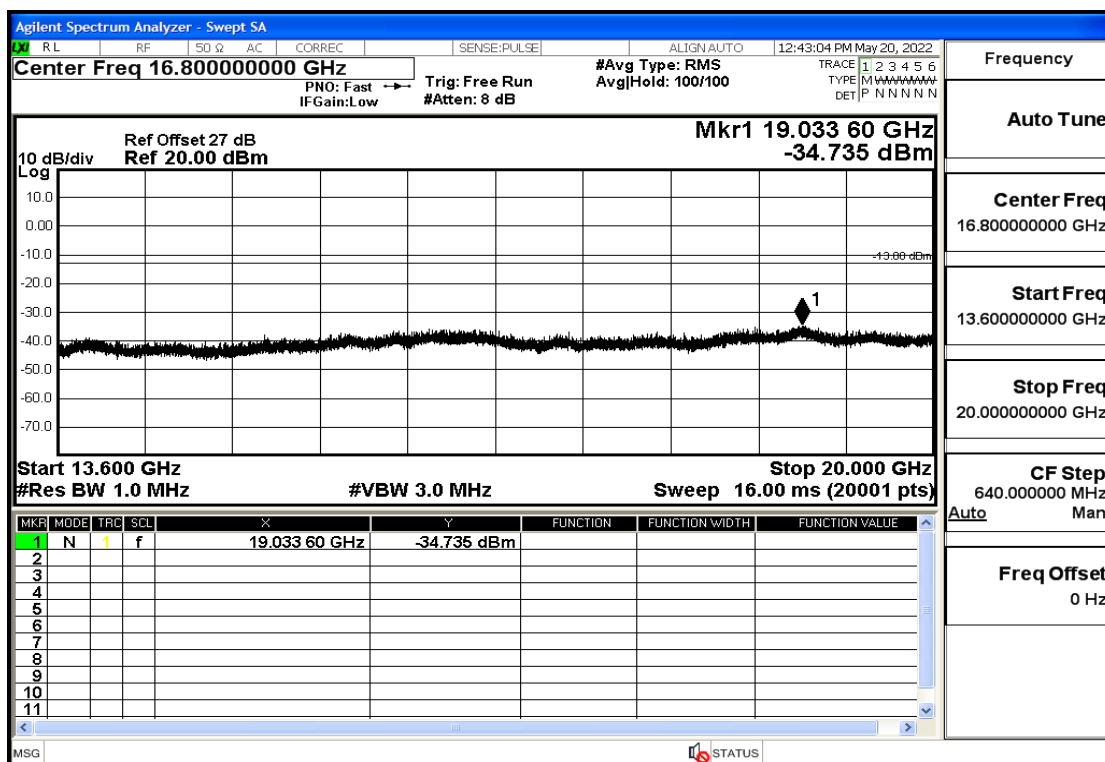
OB4-20-1745-Q16-100#LOW@1GHz-7GHz@Pass



OB4-20-1745-Q16-100#LOW@7GHz-13.6GHz@Pass



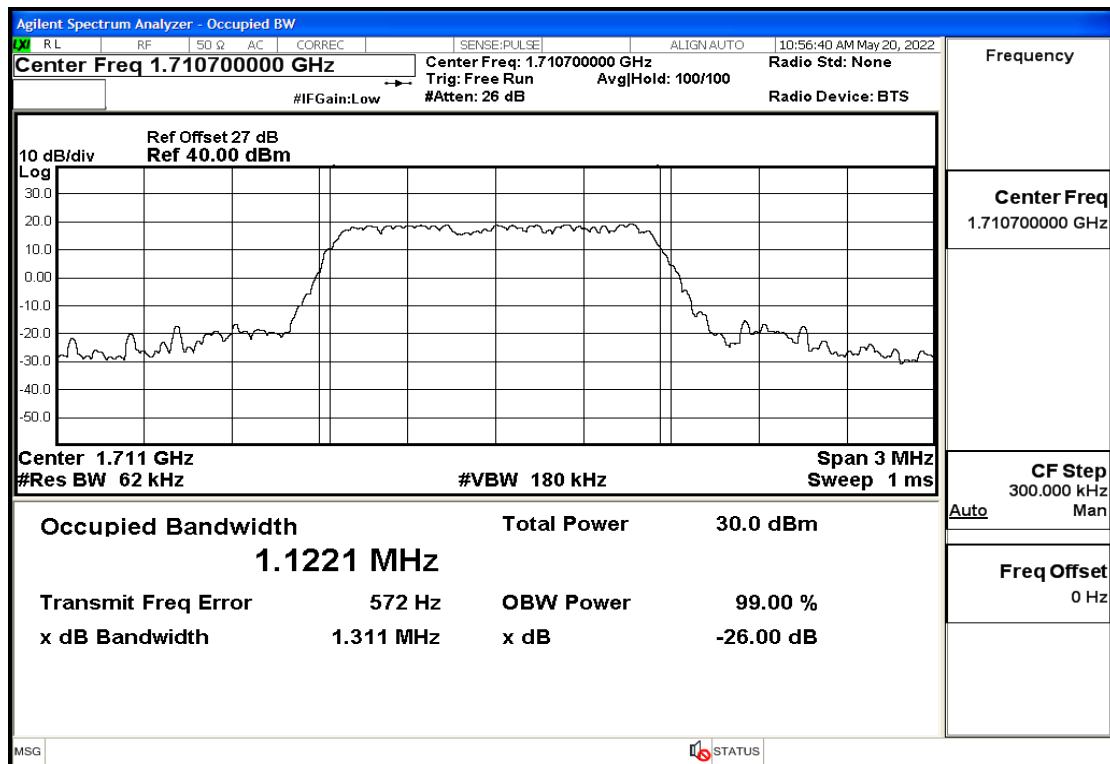
OB4-20-1745-Q16-100#LOW@13.6GHz-20GHz@Pass



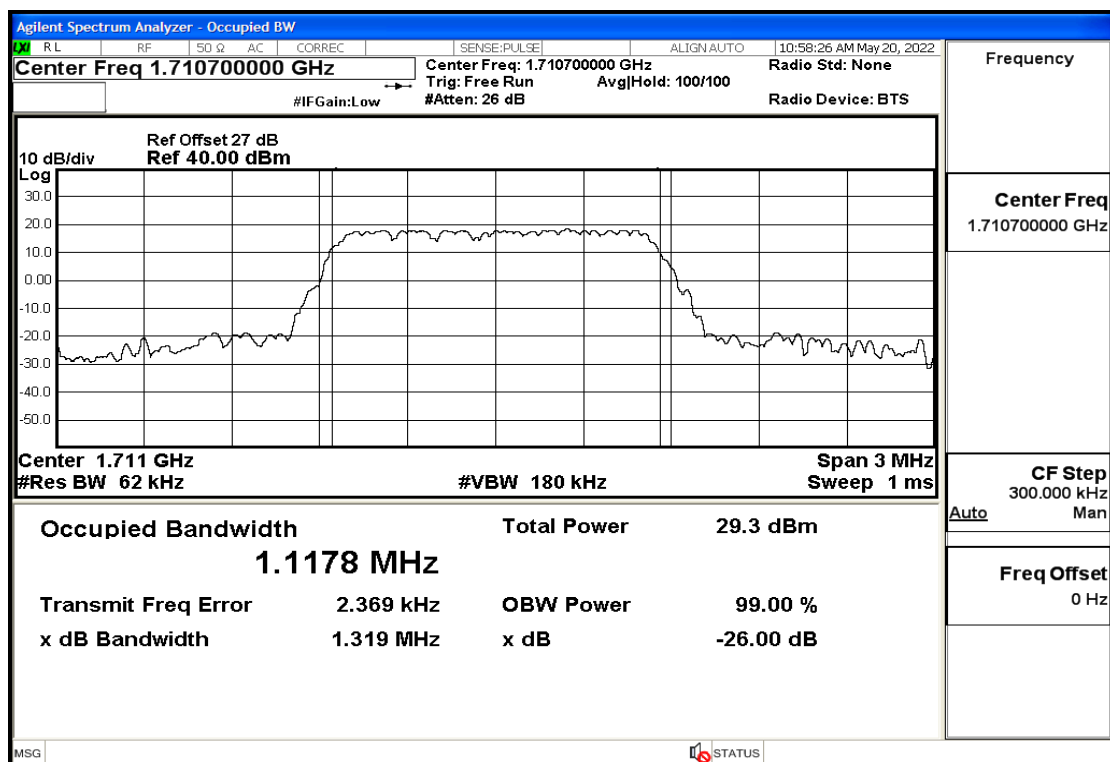
Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band4	1.4	1710.7	QPSK	6	LOW	1122.1	1311	No limit
Band4	1.4	1710.7	16QAM	6	LOW	1117.8	1319	No limit
Band4	1.4	1732.5	QPSK	6	LOW	1124.1	1305	No limit
Band4	1.4	1732.5	16QAM	6	LOW	1118.9	1301	No limit
Band4	1.4	1754.3	QPSK	6	LOW	1127.4	1311	No limit
Band4	1.4	1754.3	16QAM	6	LOW	1110.2	1308	No limit
Band4	3	1711.5	QPSK	15	LOW	2736	3036	No limit
Band4	3	1711.5	16QAM	15	LOW	2739.6	2973	No limit
Band4	3	1732.5	QPSK	15	LOW	2751.5	3042	No limit
Band4	3	1732.5	16QAM	15	LOW	2747.3	3053	No limit
Band4	3	1753.5	QPSK	15	LOW	2745.2	3033	No limit
Band4	3	1753.5	16QAM	15	LOW	2752.9	3072	No limit
Band4	5	1712.5	QPSK	25	LOW	4589.2	5131	No limit
Band4	5	1712.5	16QAM	25	LOW	4583.4	5132	No limit
Band4	5	1732.5	QPSK	25	LOW	4600.7	5101	No limit
Band4	5	1732.5	16QAM	25	LOW	4609.9	5166	No limit
Band4	5	1752.5	QPSK	25	LOW	4591.7	5142	No limit
Band4	5	1752.5	16QAM	25	LOW	4600.2	5153	No limit
Band4	10	1715	QPSK	50	LOW	9096.9	10130	No limit
Band4	10	1715	16QAM	50	LOW	9094.6	10130	No limit
Band4	10	1732.5	QPSK	50	LOW	9100.6	10010	No limit
Band4	10	1732.5	16QAM	50	LOW	9117.1	10160	No limit
Band4	10	1750	QPSK	50	LOW	9072.5	10020	No limit
Band4	10	1750	16QAM	50	LOW	9120.8	10190	No limit
Band4	15	1717.5	QPSK	75	LOW	13679	15470	No limit
Band4	15	1717.5	16QAM	75	LOW	13657	15030	No limit
Band4	15	1732.5	QPSK	75	LOW	13676	15030	No limit
Band4	15	1732.5	16QAM	75	LOW	13647	15220	No limit
Band4	15	1747.5	QPSK	75	LOW	13670	15280	No limit
Band4	15	1747.5	16QAM	75	LOW	13619	15290	No limit
Band4	20	1720	QPSK	100	LOW	18195	19810	No limit
Band4	20	1720	16QAM	100	LOW	18227	19960	No limit
Band4	20	1732.5	QPSK	100	LOW	18253	19970	No limit
Band4	20	1732.5	16QAM	100	LOW	18189	20010	No limit
Band4	20	1745	QPSK	100	LOW	18237	20220	No limit
Band4	20	1745	16QAM	100	LOW	18266	19920	No limit

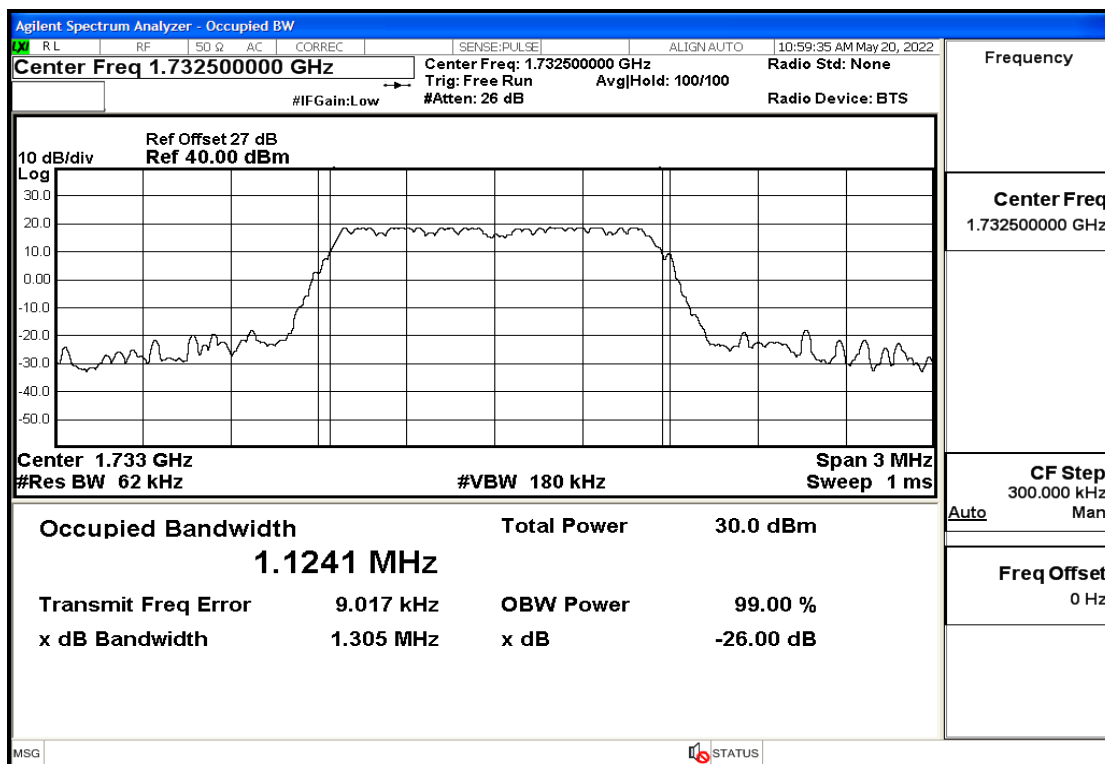
Band4-1.4-1710.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



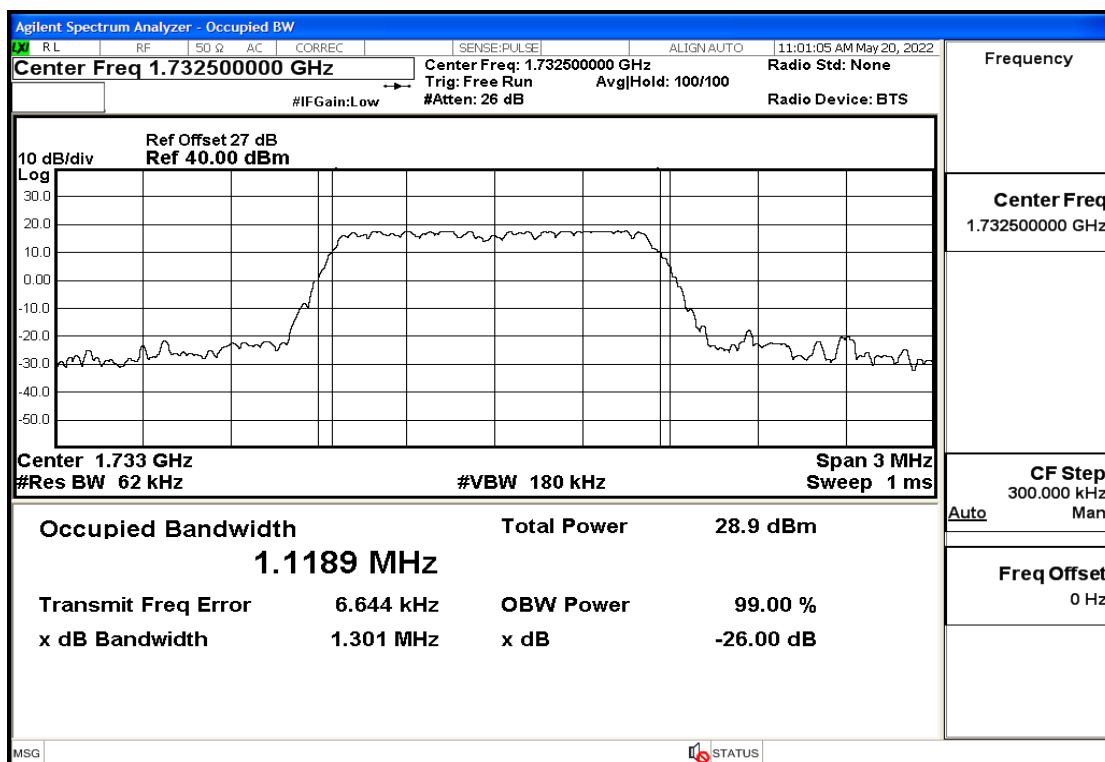
Band4-1.4-1710.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



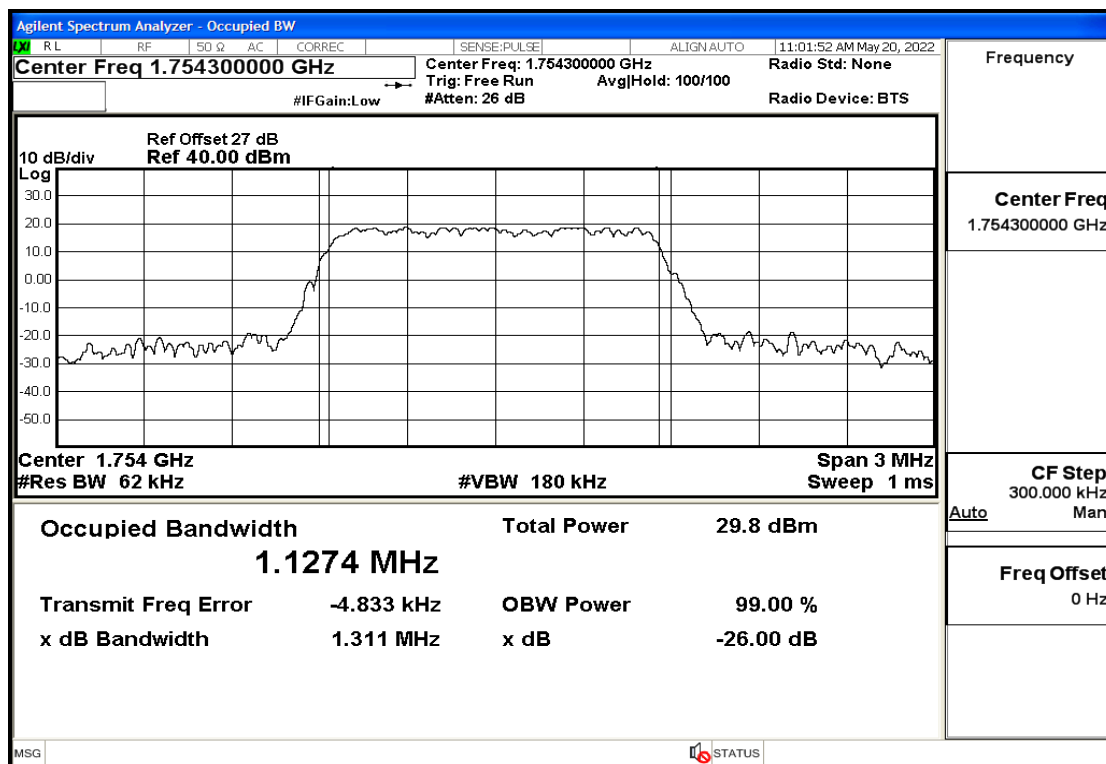
Band4-1.4-1732.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



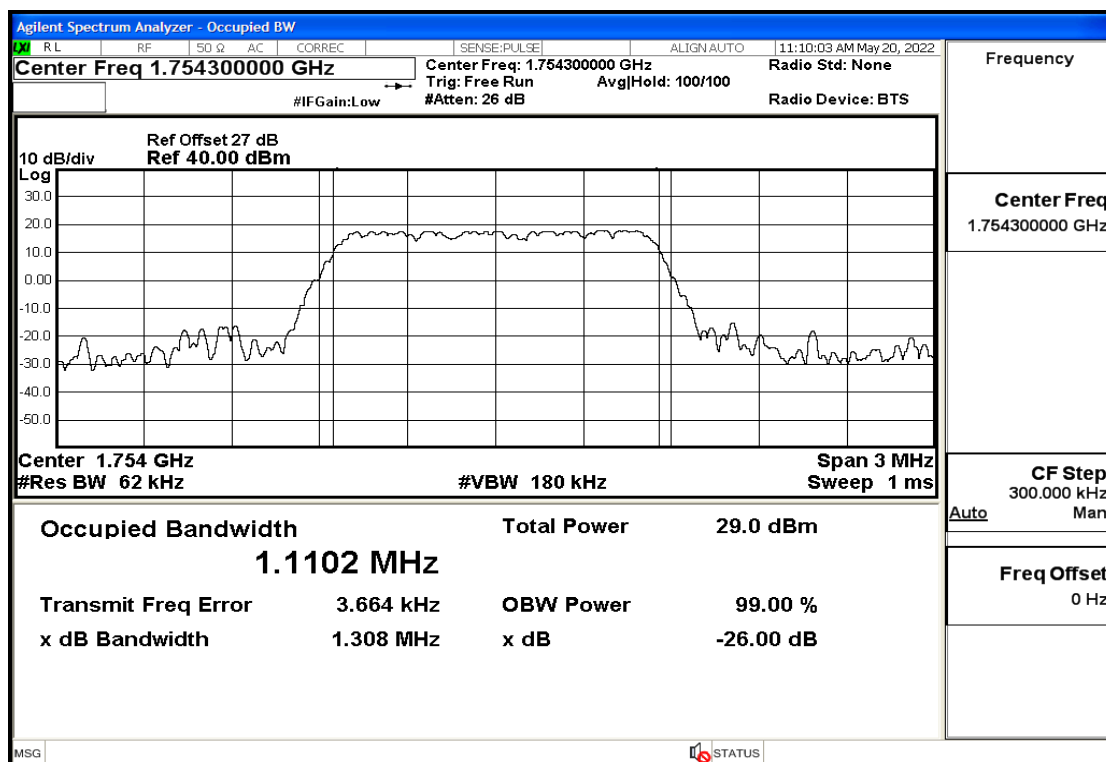
Band4-1.4-1732.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



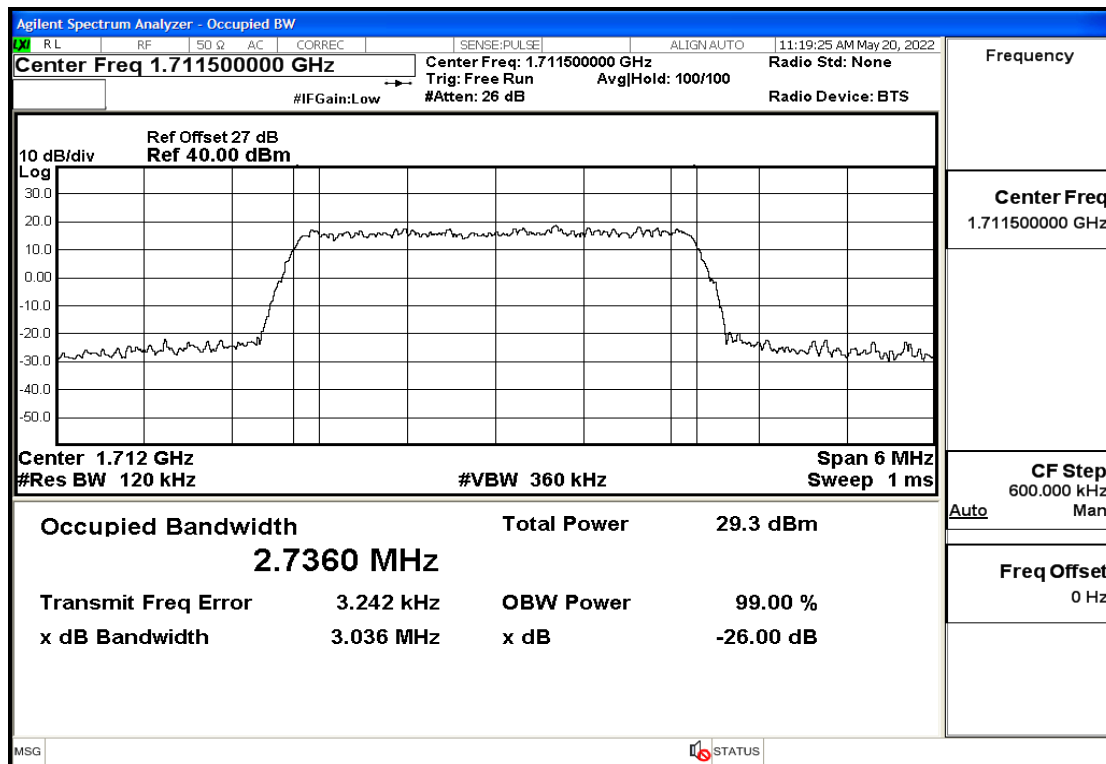
Band4-1.4-1754.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



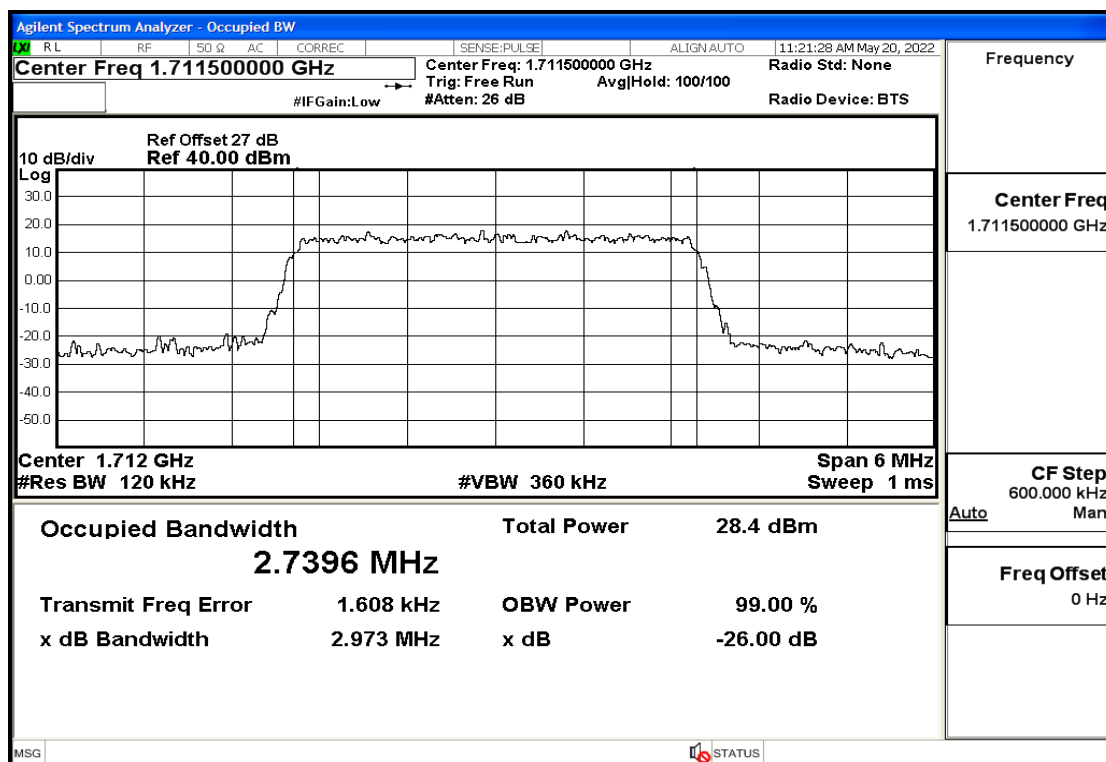
Band4-1.4-1754.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



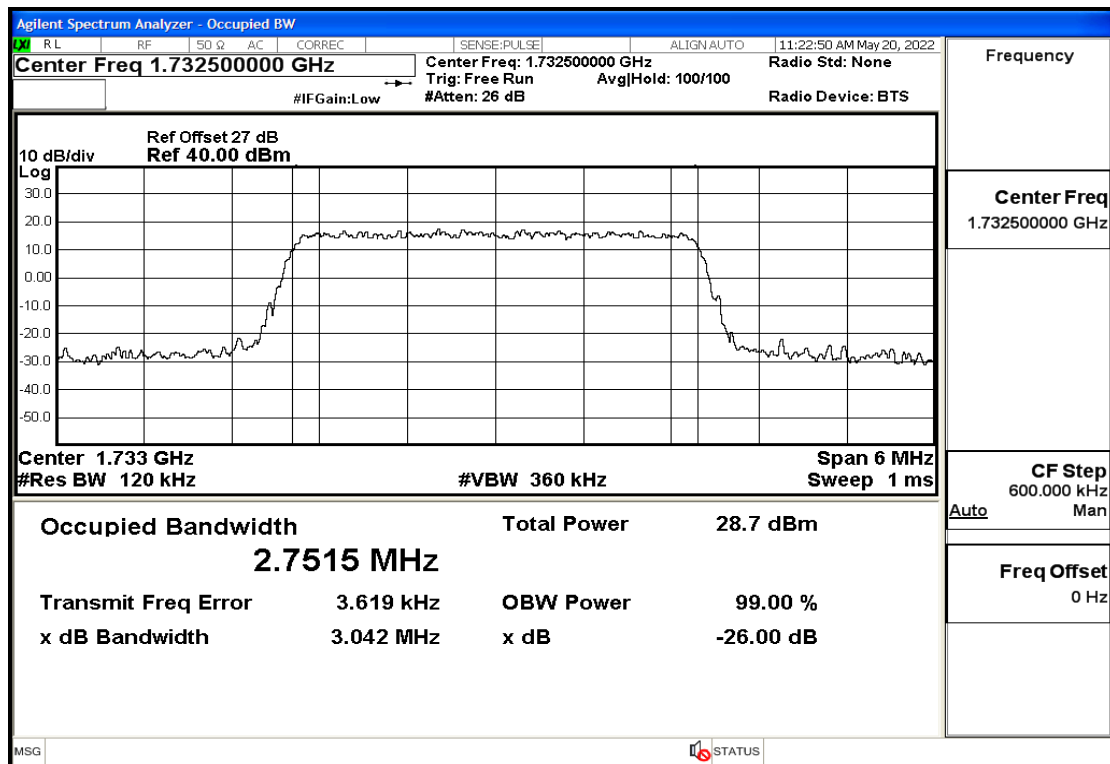
Band4-3-1711.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



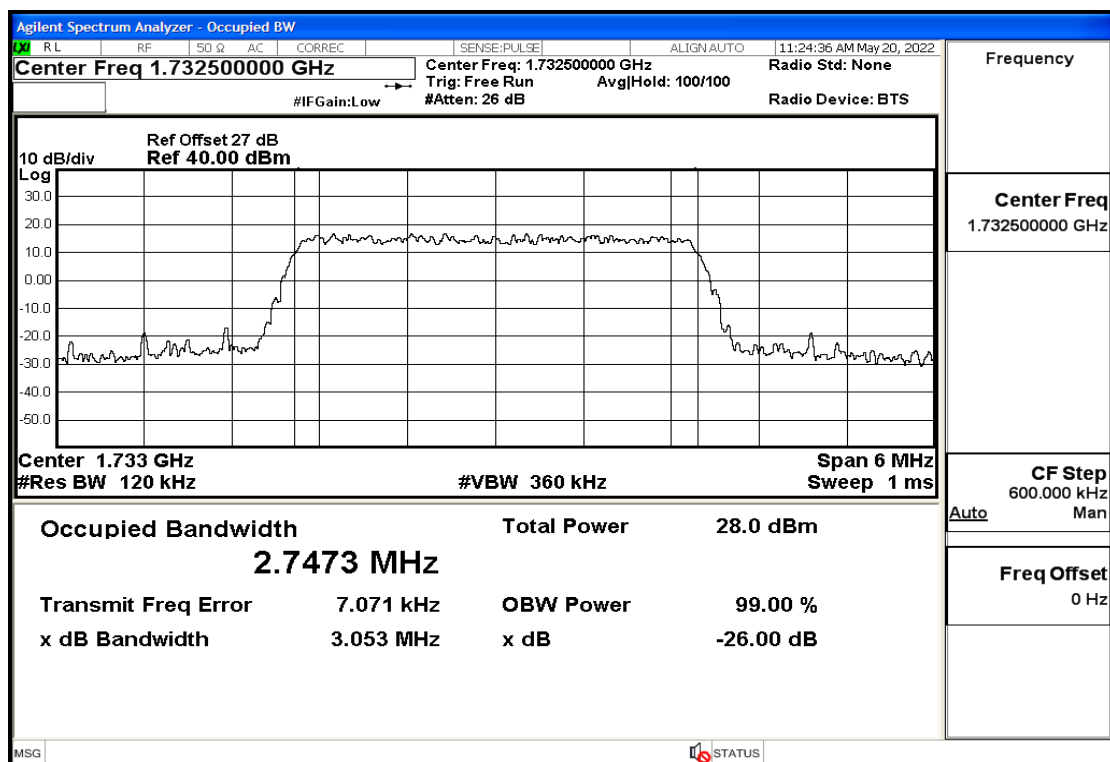
Band4-3-1711.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



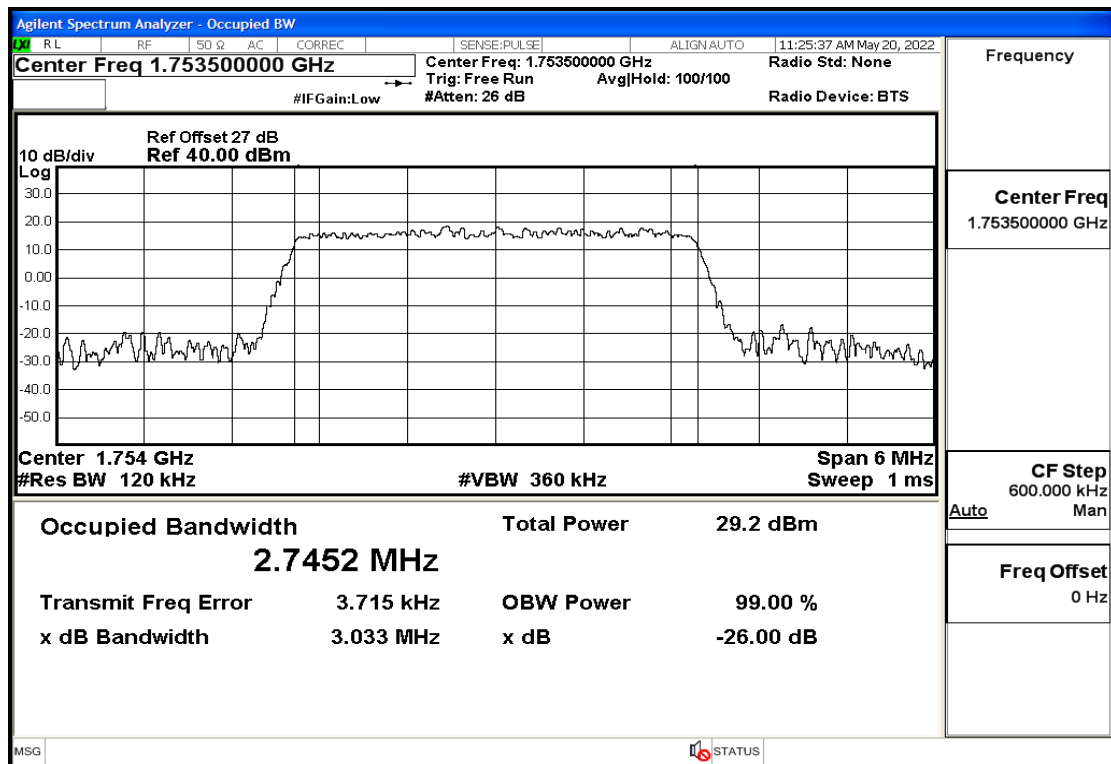
Band4-3-1732.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



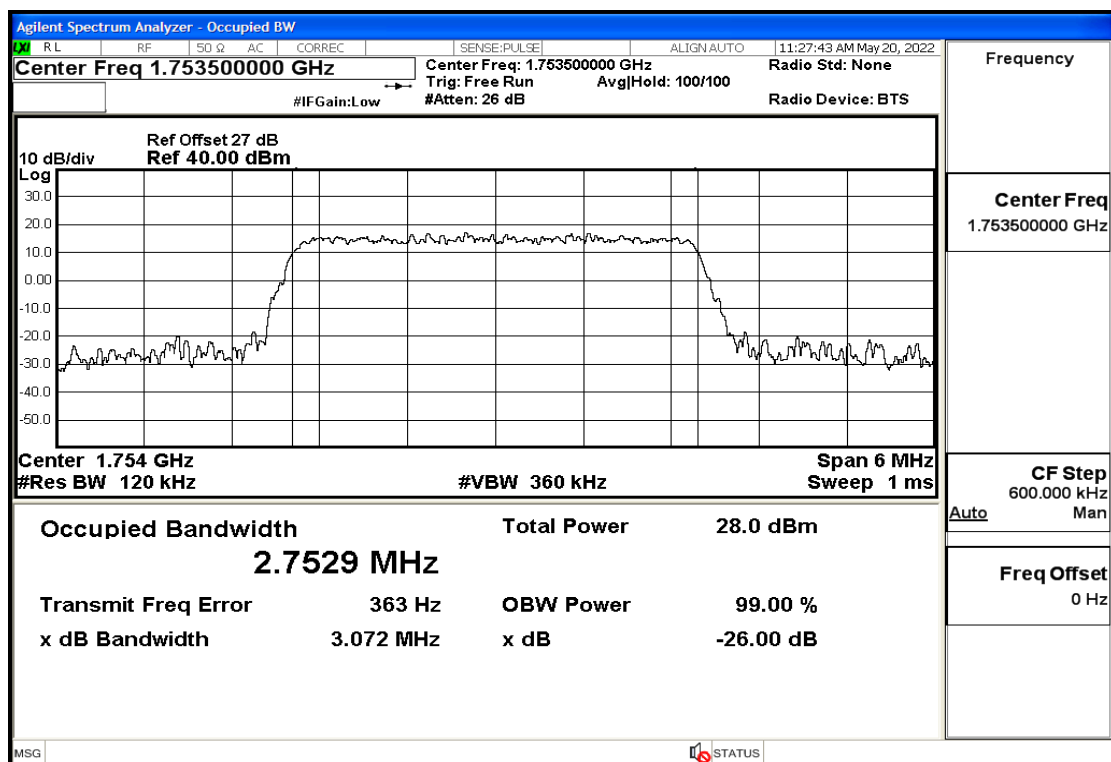
Band4-3-1732.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



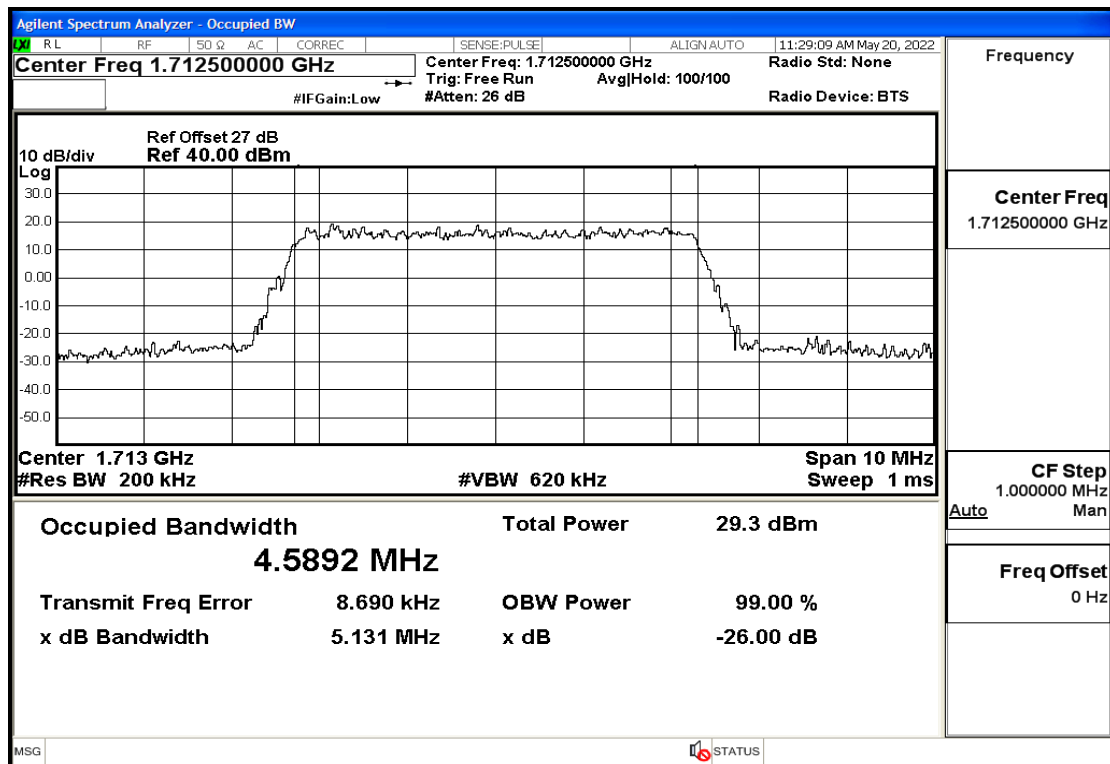
Band4-3-1753.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



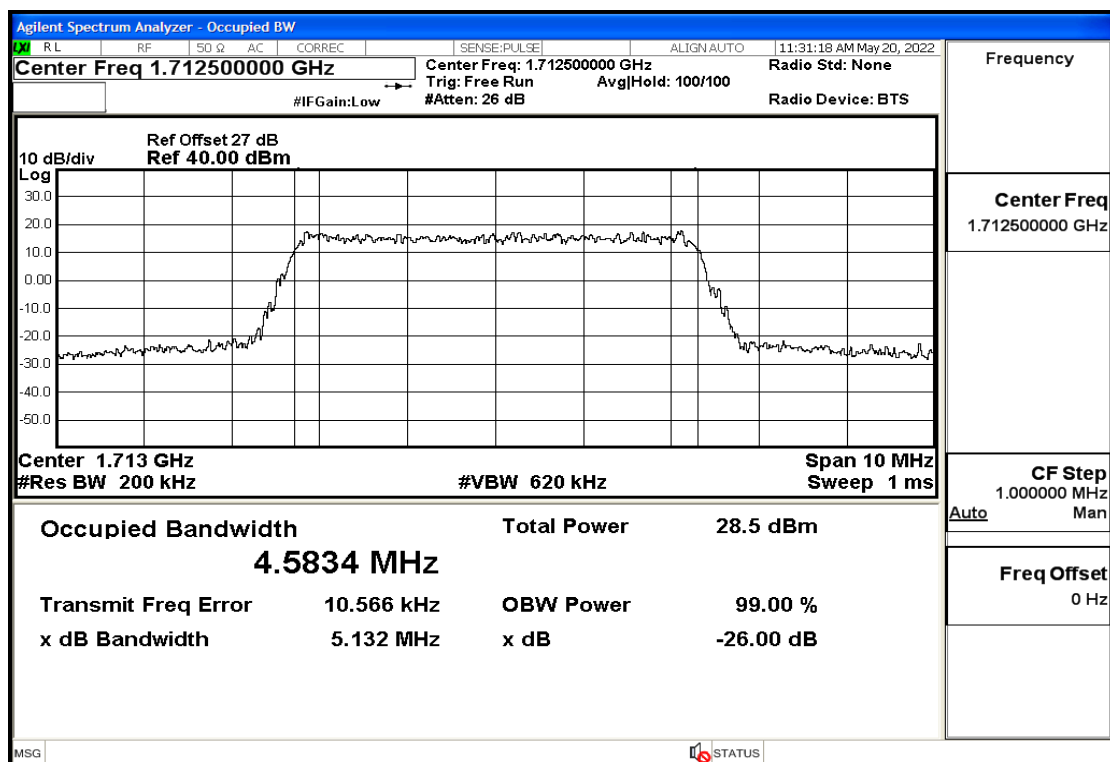
Band4-3-1753.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



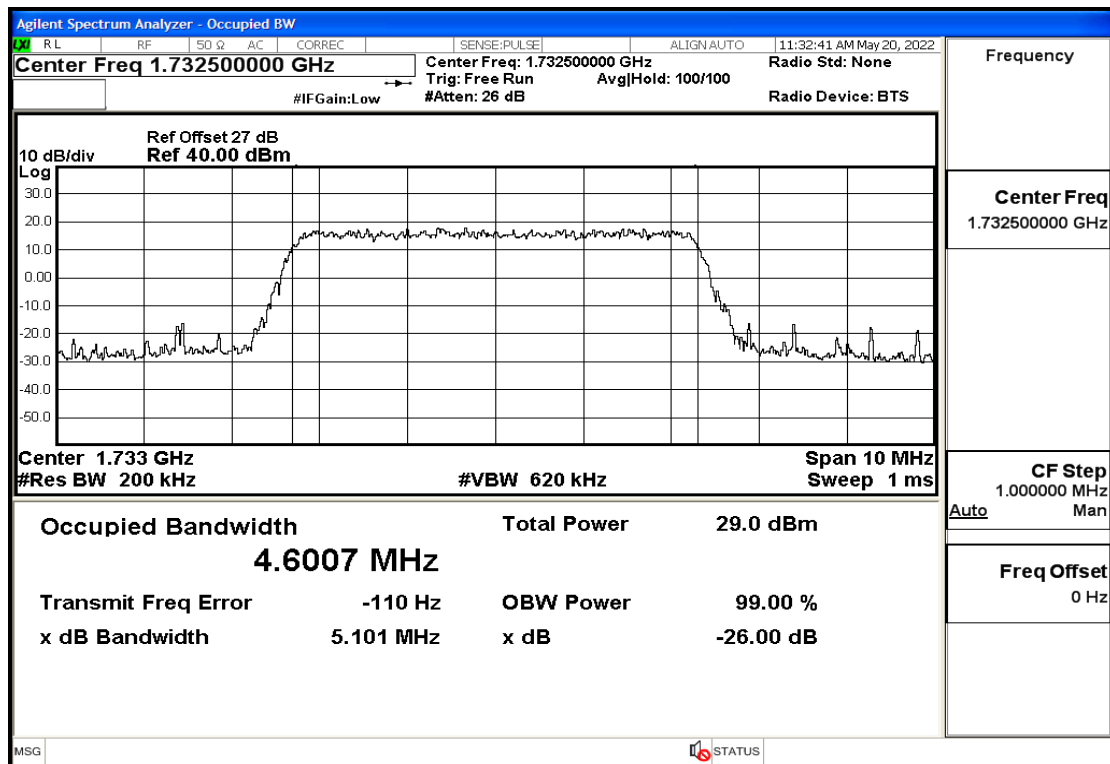
Band4-5-1712.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



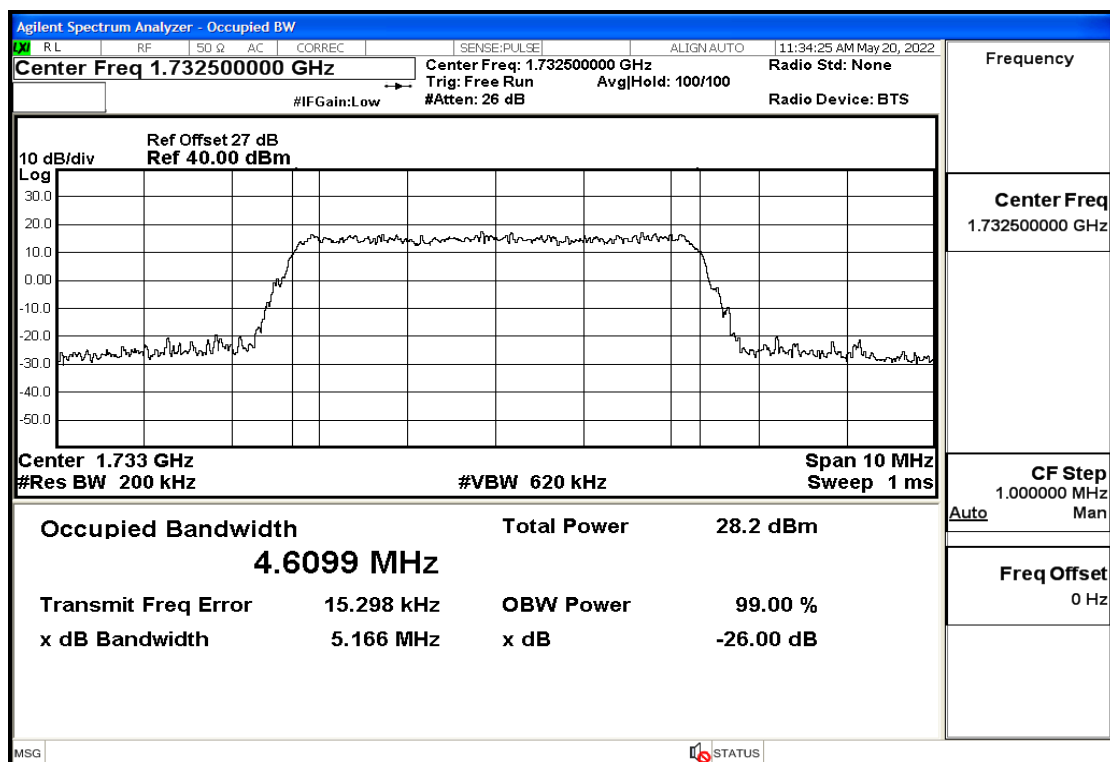
Band4-5-1712.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



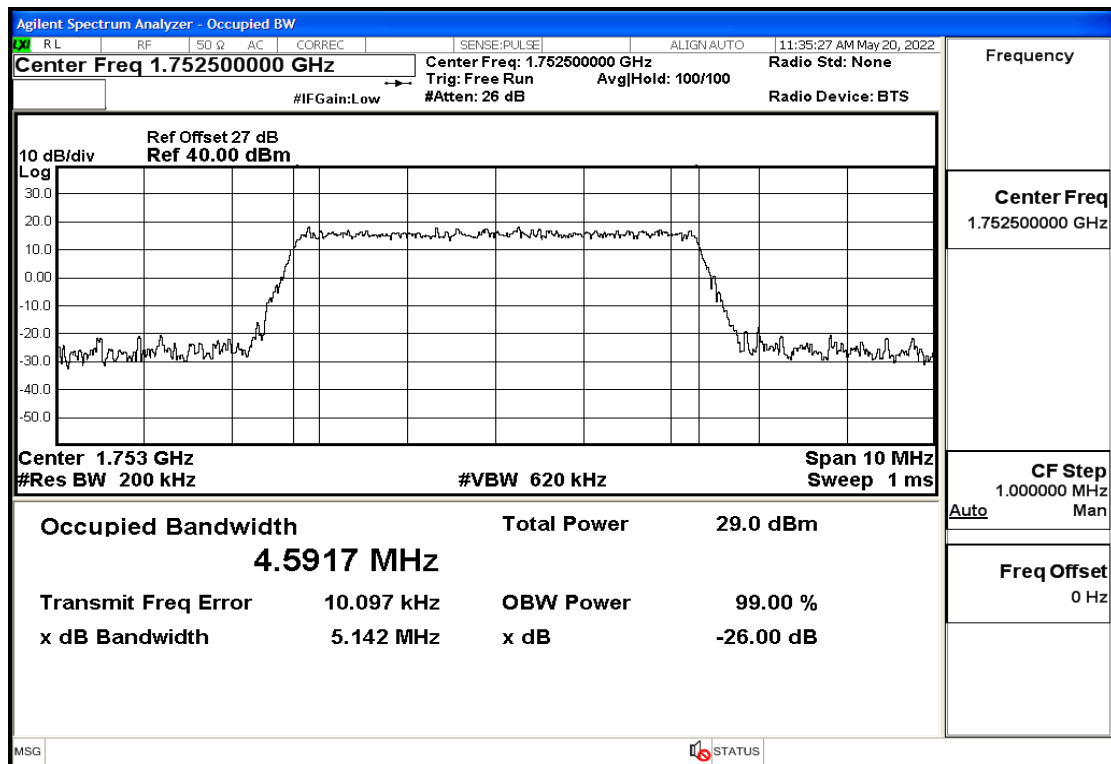
Band4-5-1732.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



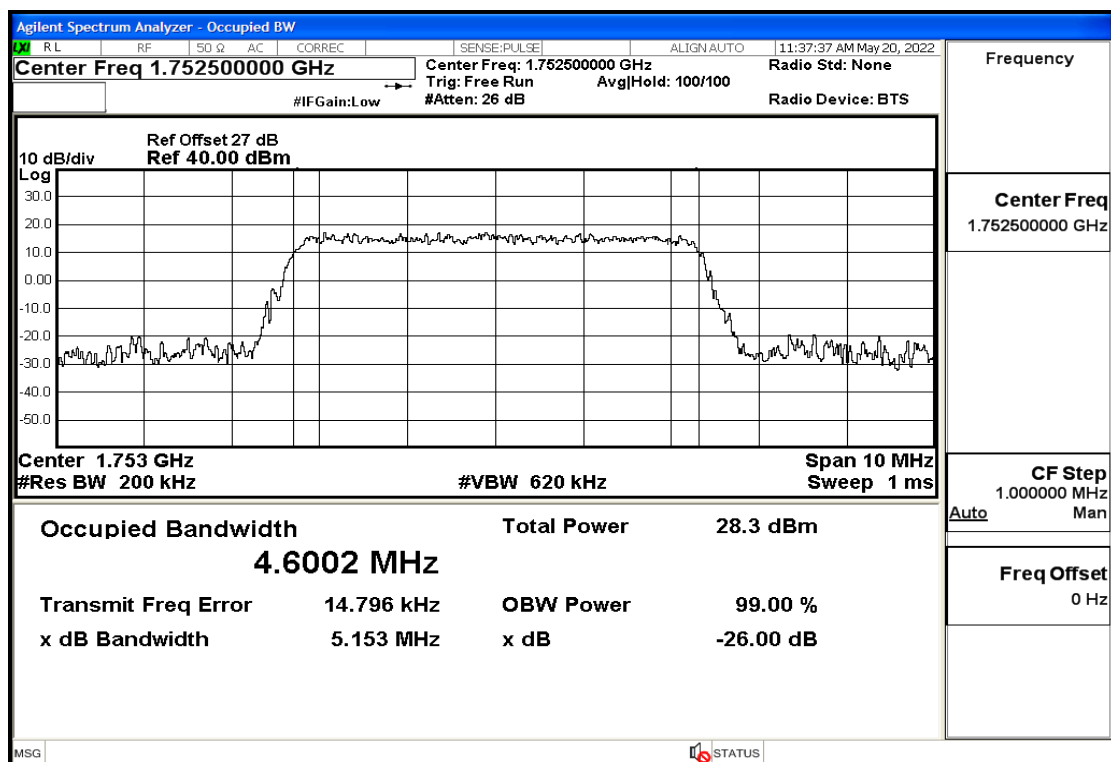
Band4-5-1732.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



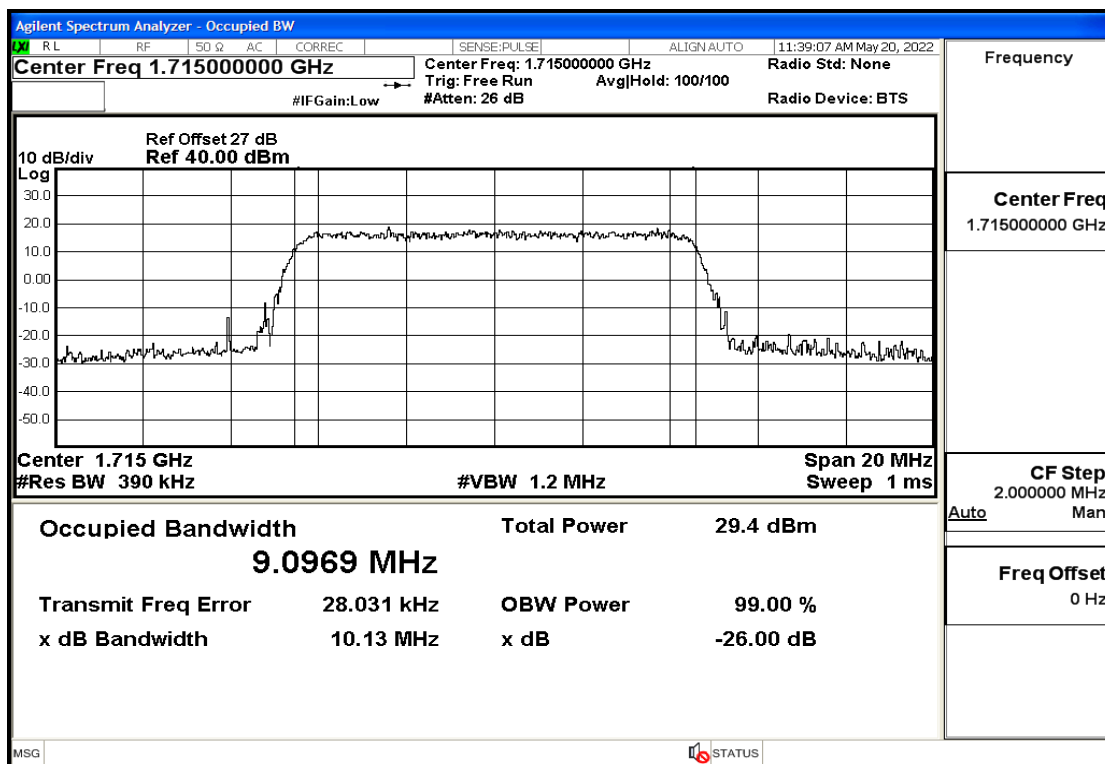
Band4-5-1752.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



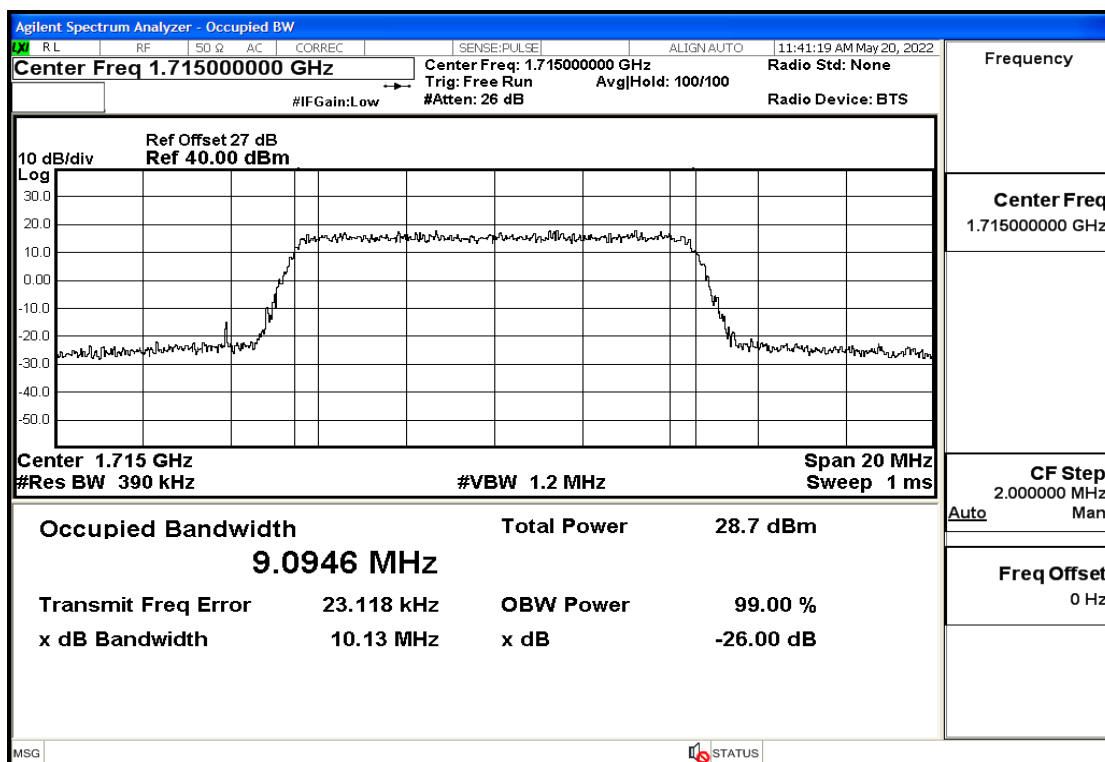
Band4-5-1752.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



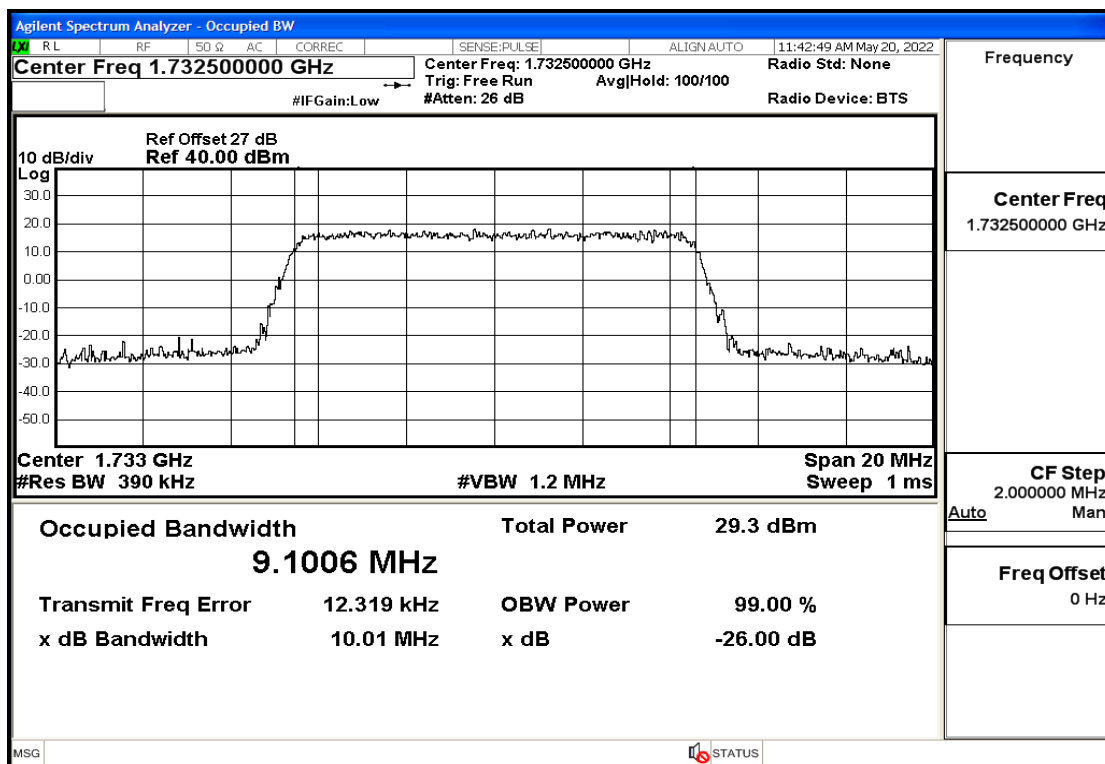
Band4-10-1715-QPSK-50#LOW@26dB and 99PCT Bandwidth



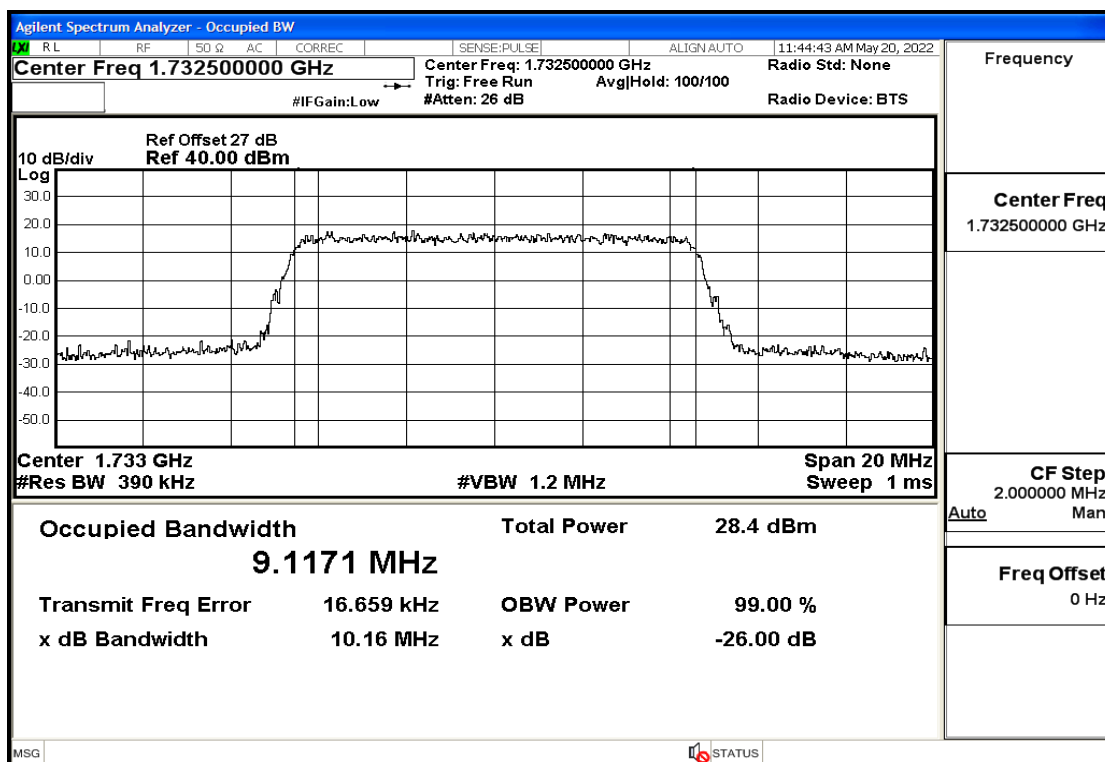
Band4-10-1715-16QAM-50#LOW@26dB and 99PCT Bandwidth



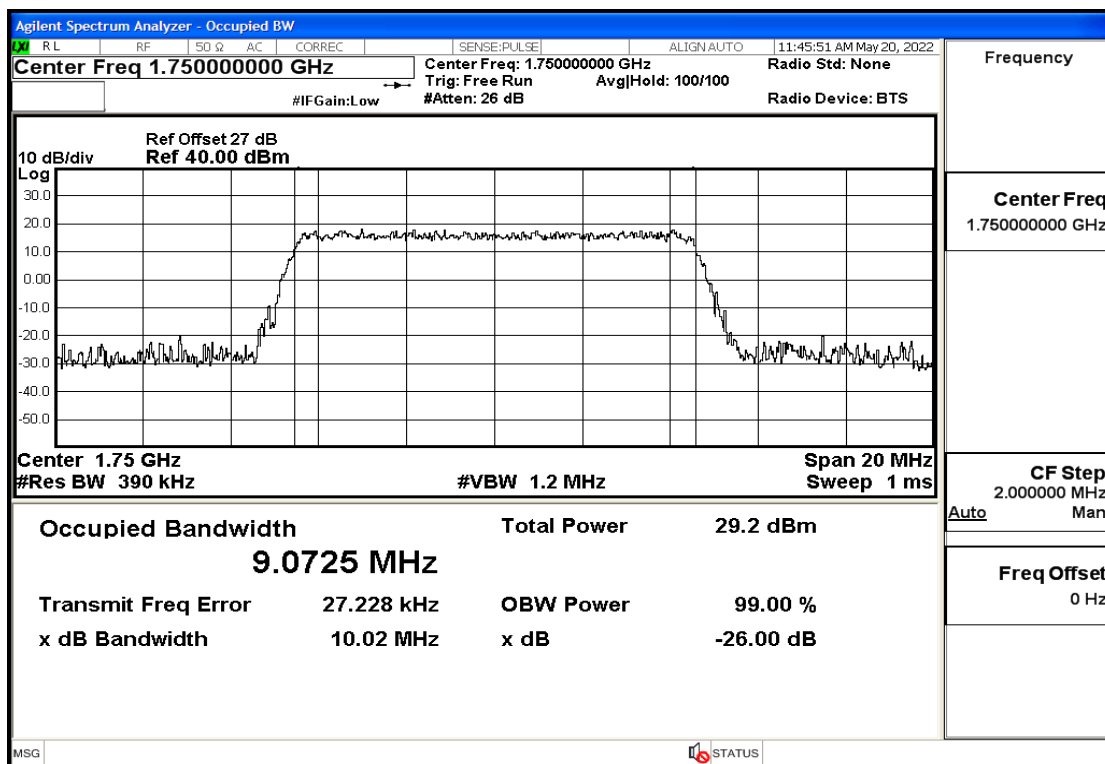
Band4-10-1732.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



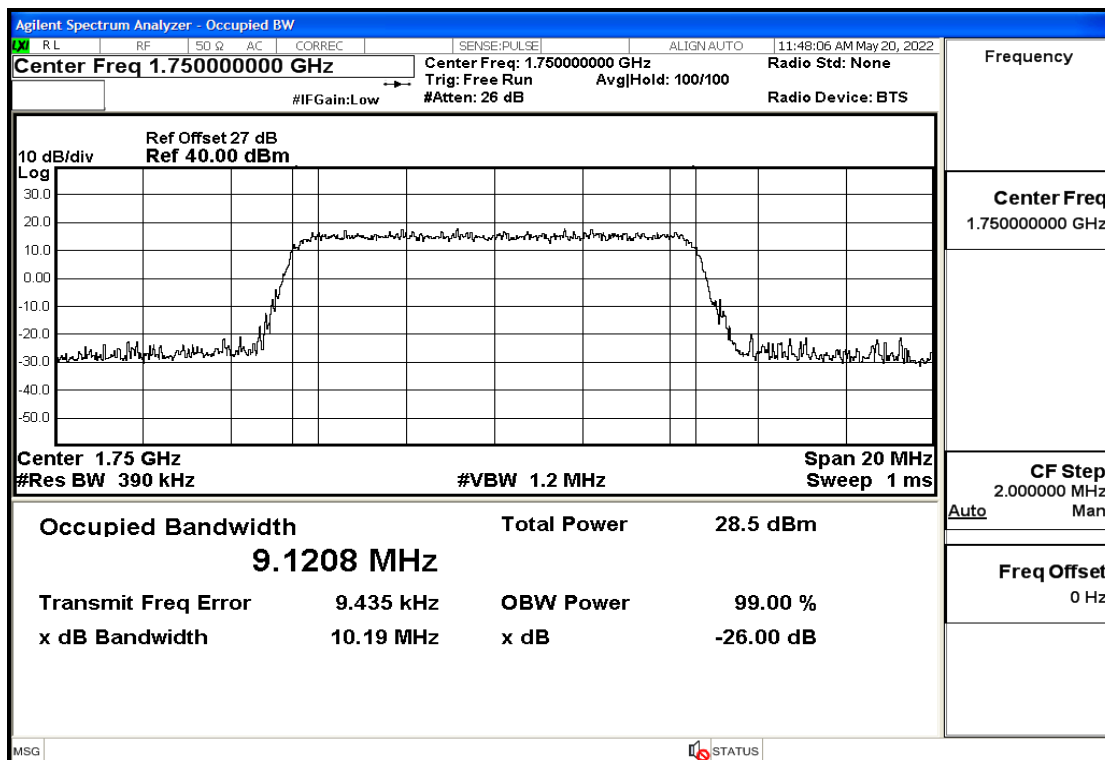
Band4-10-1732.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



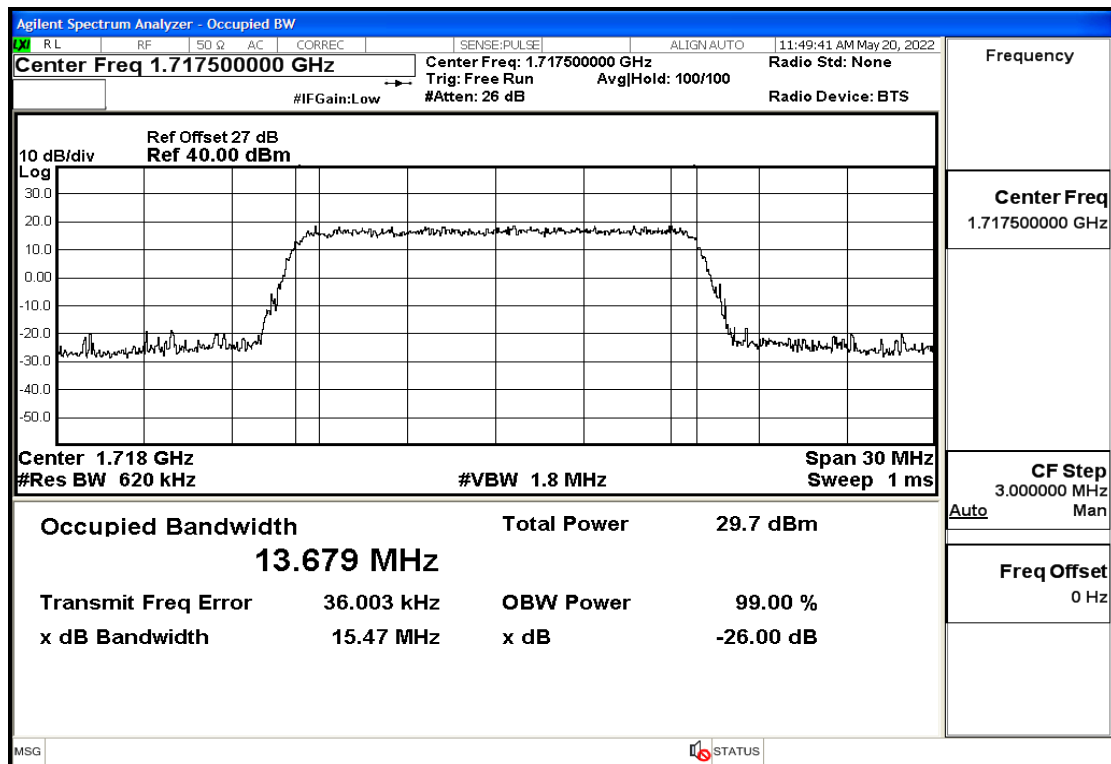
Band4-10-1750-QPSK-50#LOW@26dB and 99PCT Bandwidth



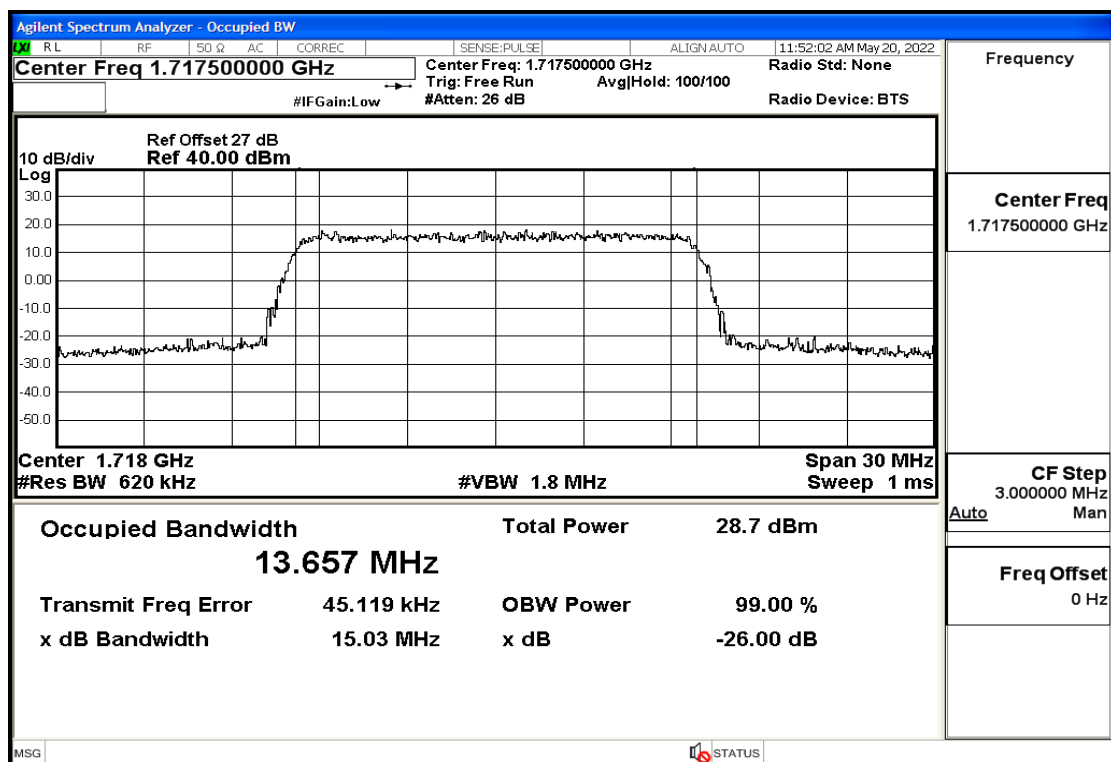
Band4-10-1750-16QAM-50#LOW@26dB and 99PCT Bandwidth



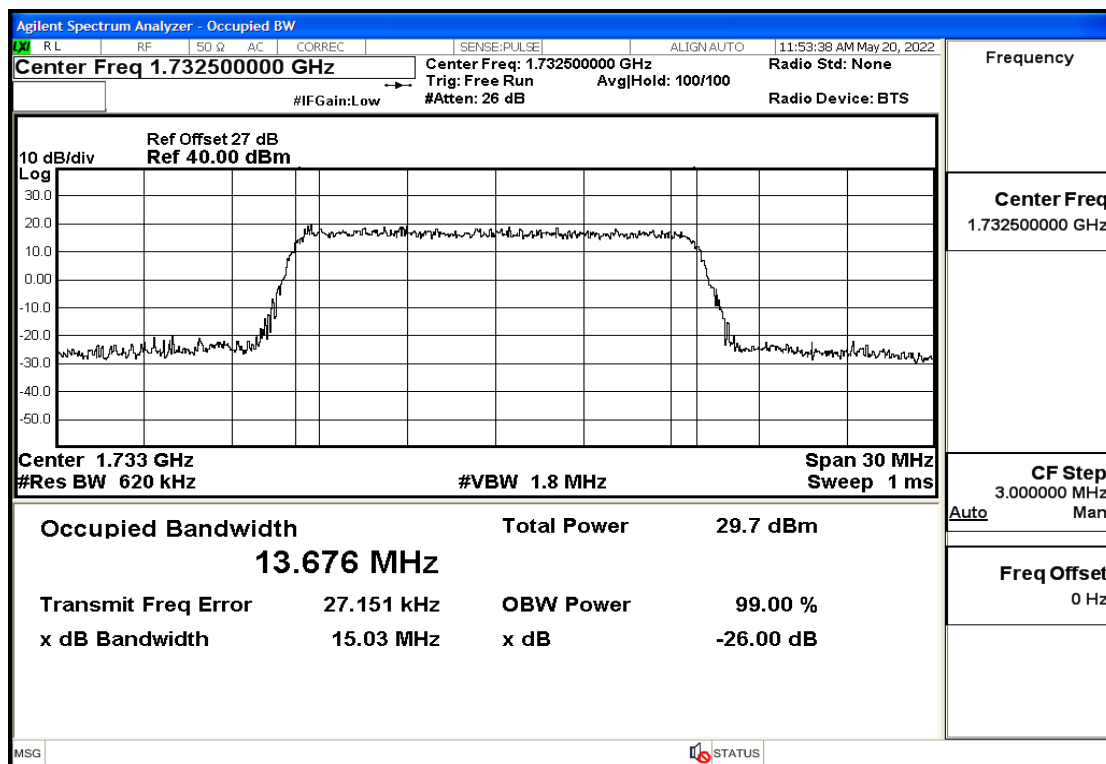
Band4-15-1717.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



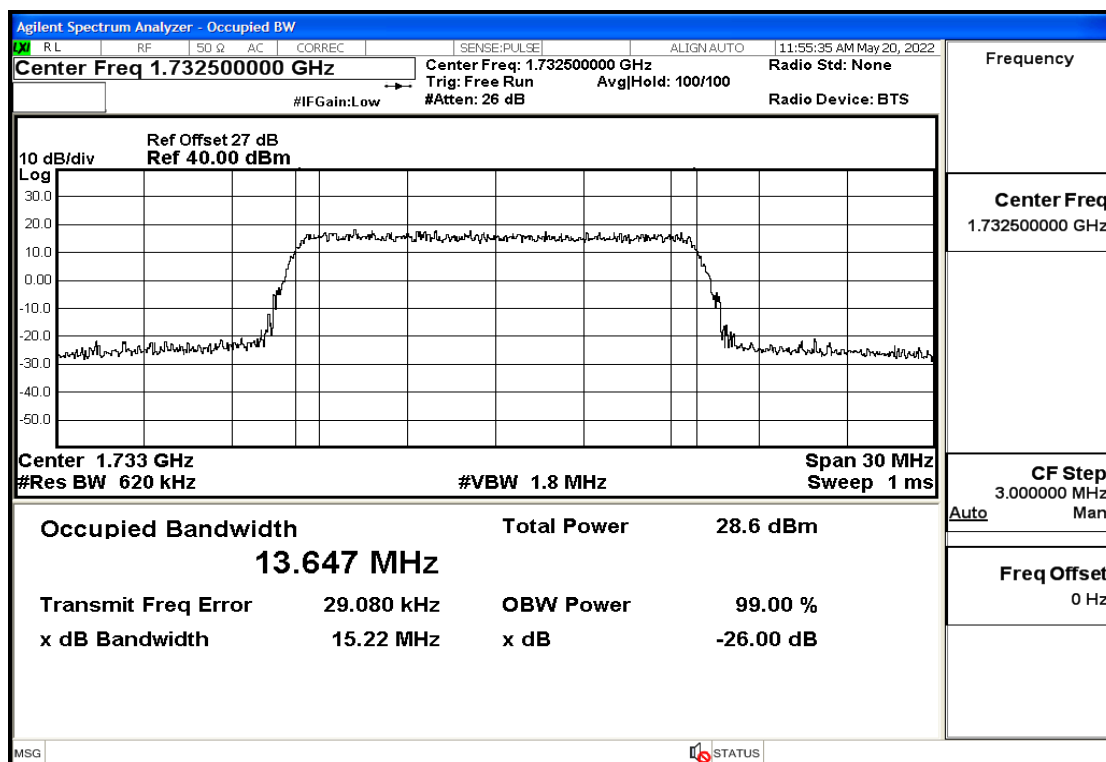
Band4-15-1717.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



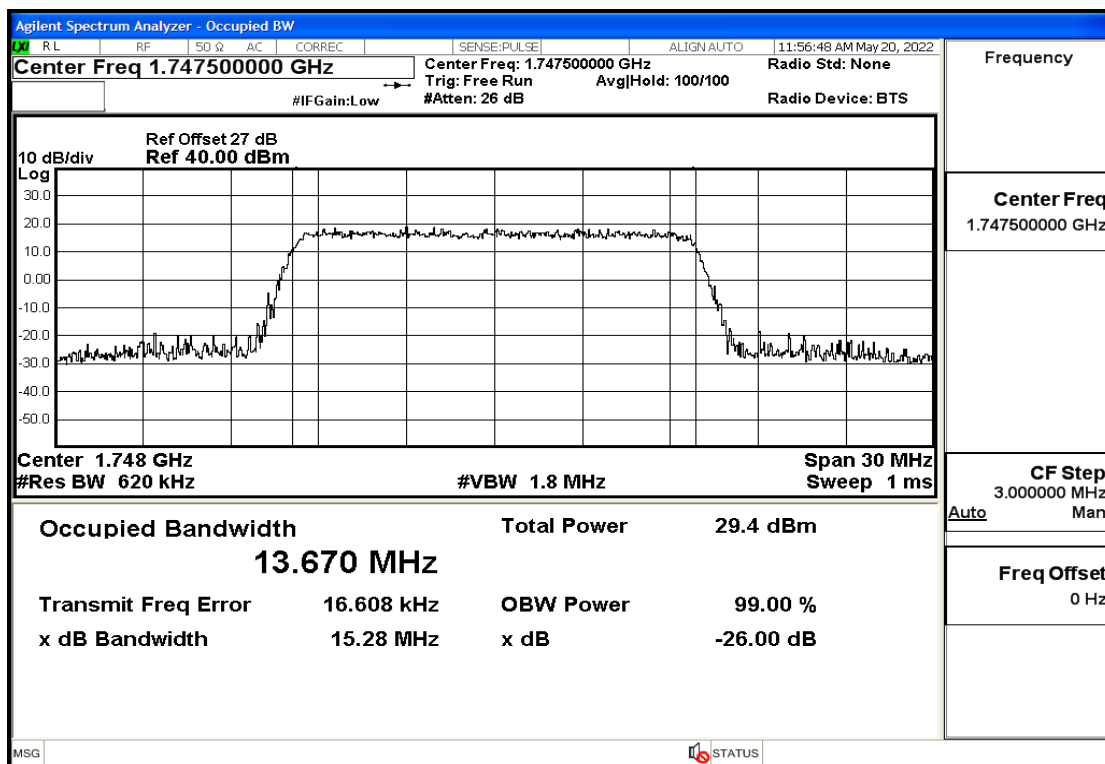
Band4-15-1732.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



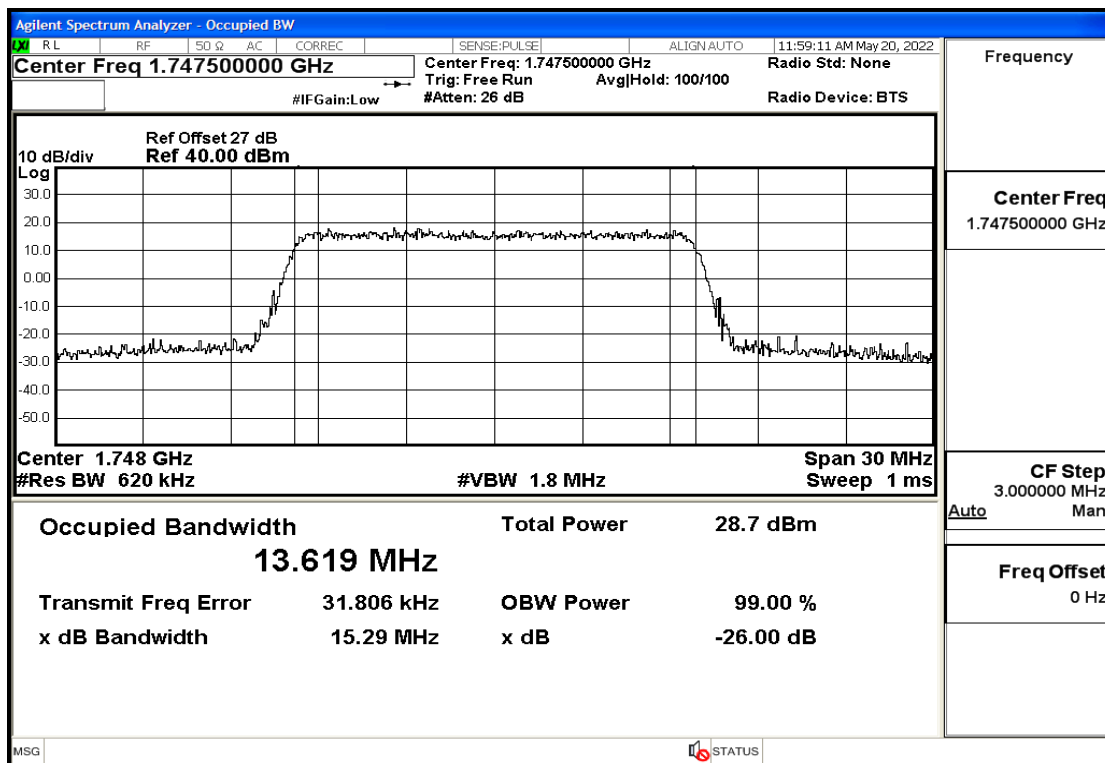
Band4-15-1732.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



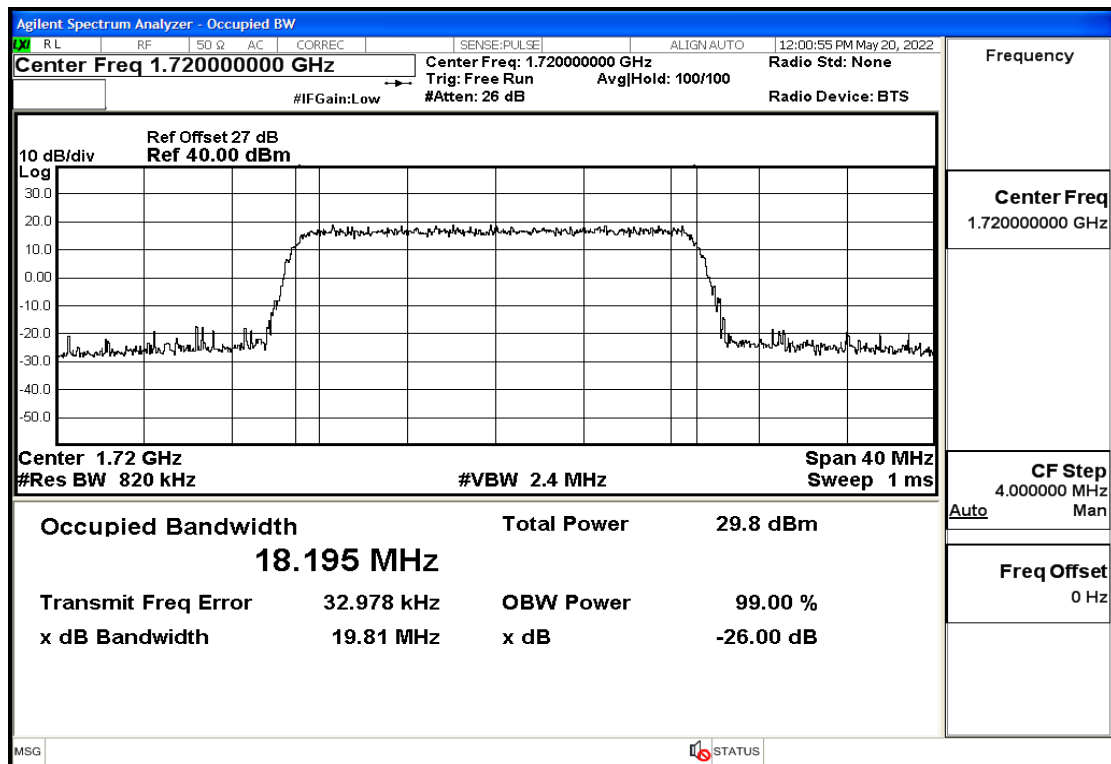
Band4-15-1747.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



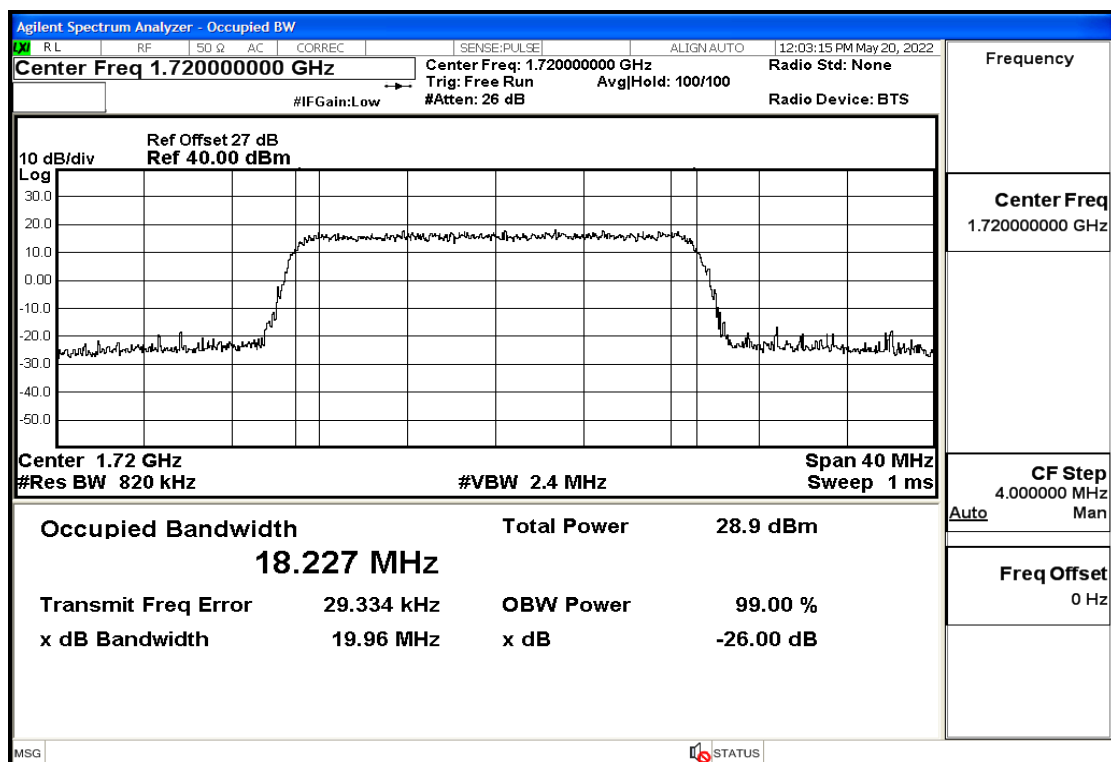
Band4-15-1747.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



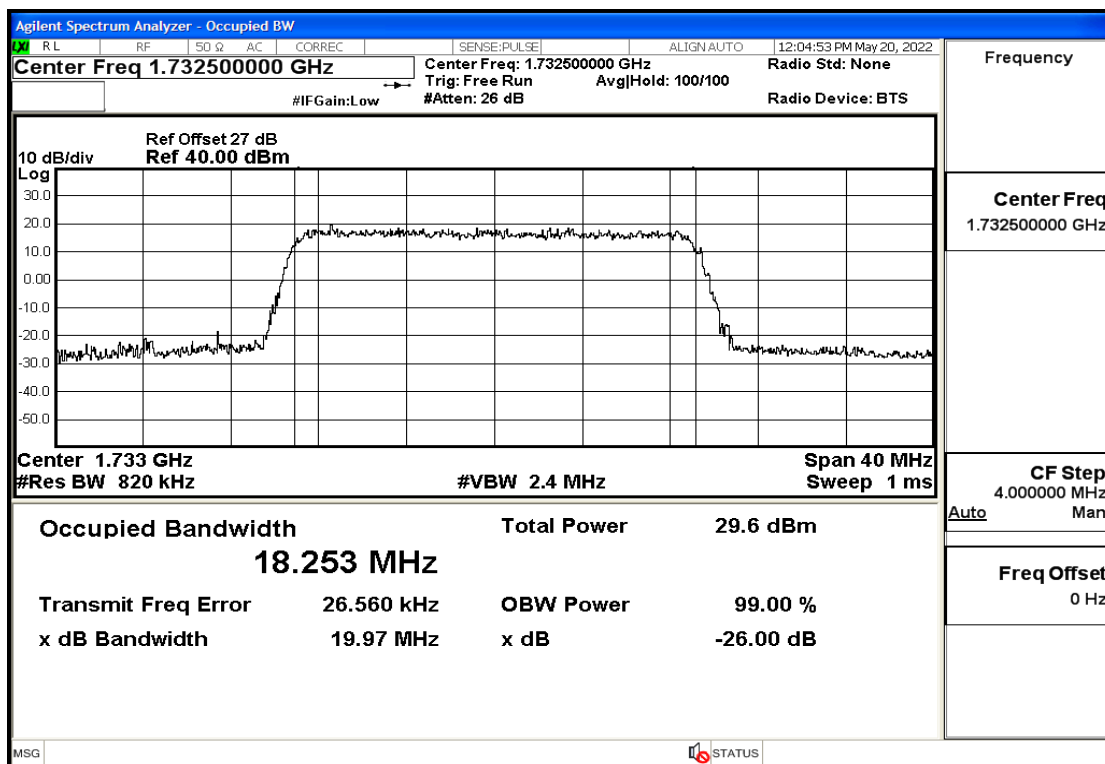
Band4-20-1720-QPSK-100#LOW@26dB and 99PCT Bandwidth



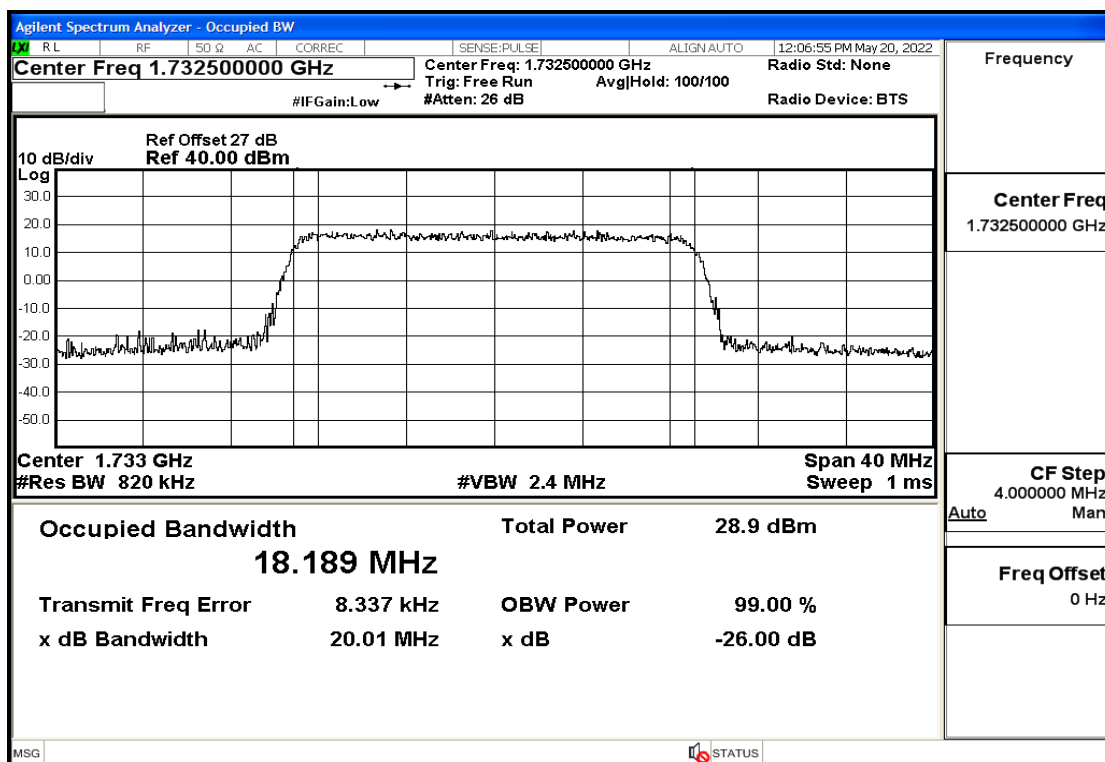
Band4-20-1720-16QAM-100#LOW@26dB and 99PCT Bandwidth



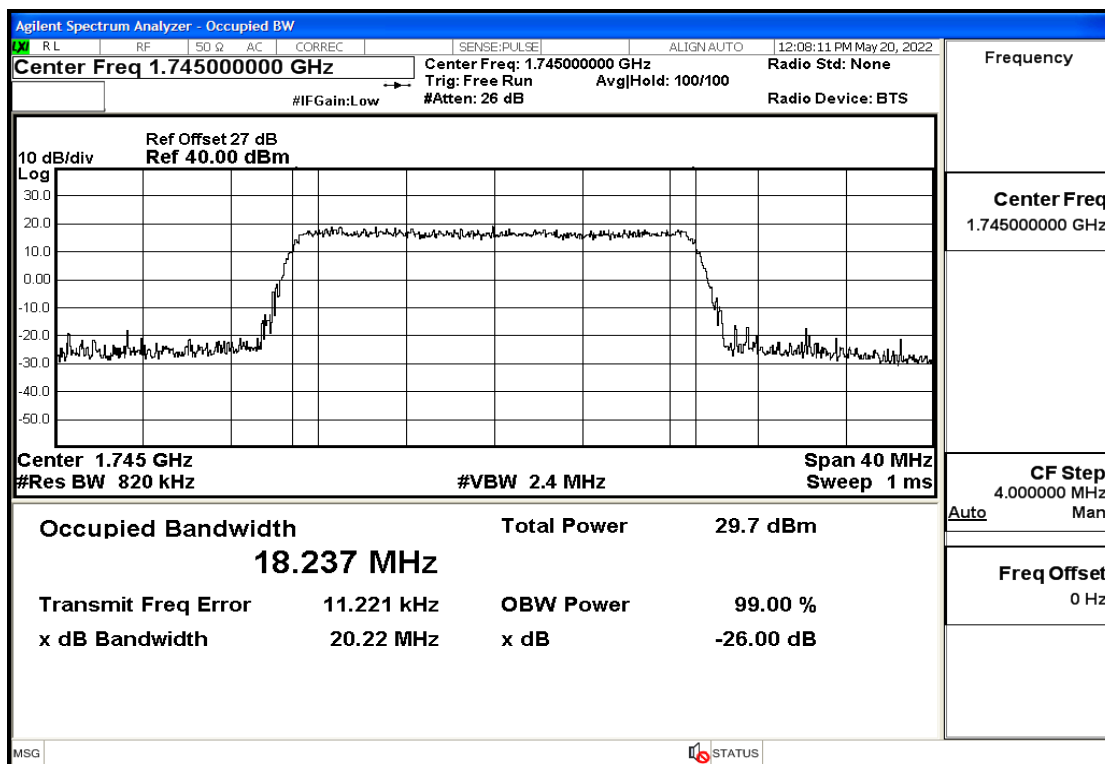
Band4-20-1732.5-QPSK-100#LOW@26dB and 99PCT Bandwidth



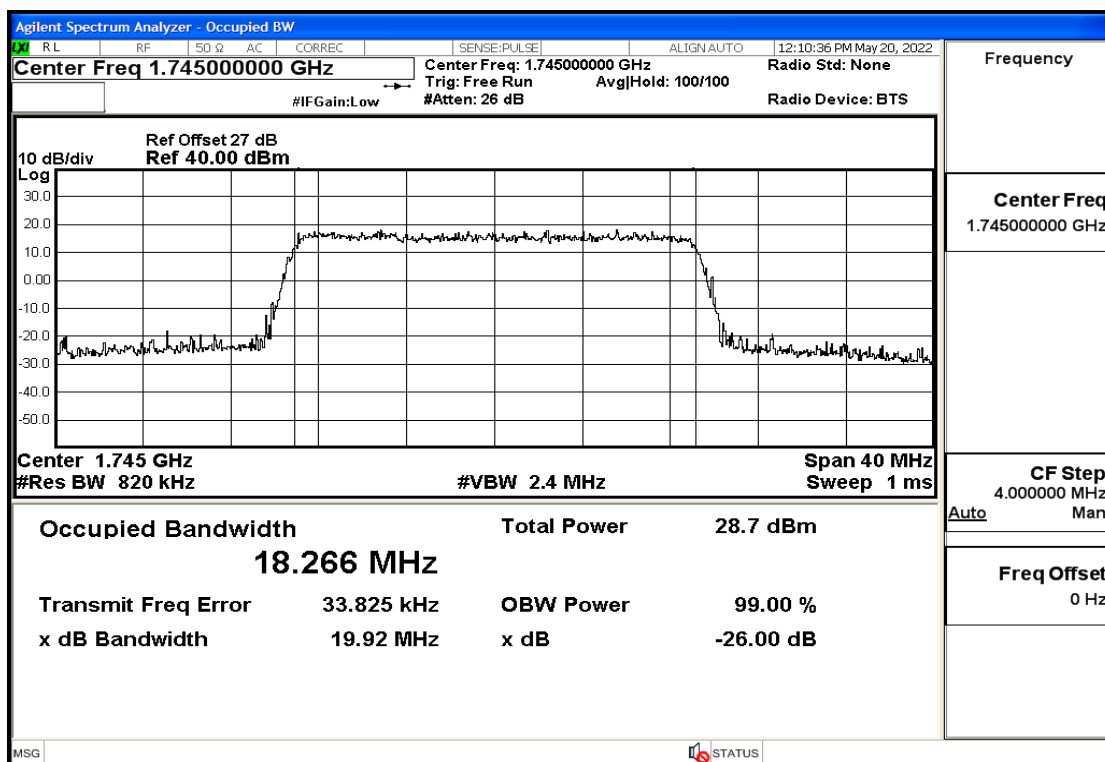
Band4-20-1732.5-16QAM-100#LOW@26dB and 99PCT Bandwidth



Band4-20-1745-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band4-20-1745-16QAM-100#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0619	PASS
40	Normal Voltage	0.0324	
30	Normal Voltage	0.0193	
20(Ref.)	Normal Voltage	0.0268	
10	Normal Voltage	0.0622	
0	Normal Voltage	0.0182	
-10	Normal Voltage	0.0461	
-20	Normal Voltage	0.0348	
-30	Normal Voltage	0.0162	
20	Maximum Voltage	0.0195	
20	Normal Voltage	0.0288	
20	Battery End Point	0.0579	

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
Band4	1.4	1710.7	QPSK	6	LOW	21.17	27.45	6.28	13	0.79	21.96	30	Pass
Band4	1.4	1710.7	QPSK	3	LOW	22.28	27.67	5.39	13	0.79	23.07	30	Pass
Band4	1.4	1710.7	QPSK	3	MID	22.24	27.74	5.5	13	0.79	23.03	30	Pass
Band4	1.4	1710.7	QPSK	3	HIGH	22.23	27.64	5.41	13	0.79	23.02	30	Pass
Band4	1.4	1710.7	QPSK	1	LOW	22.16	27.31	5.15	13	0.79	22.95	30	Pass
Band4	1.4	1710.7	QPSK	1	MID	22.33	27.47	5.14	13	0.79	23.12	30	Pass
Band4	1.4	1710.7	QPSK	1	HIGH	22.29	27.45	5.16	13	0.79	23.08	30	Pass
Band4	1.4	1710.7	16QAM	6	LOW	20.39	27.82	7.43	13	0.79	21.18	30	Pass
Band4	1.4	1710.7	16QAM	3	LOW	21.74	27.59	5.85	13	0.79	22.53	30	Pass
Band4	1.4	1710.7	16QAM	3	MID	21.76	27.59	5.83	13	0.79	22.55	30	Pass
Band4	1.4	1710.7	16QAM	3	HIGH	21.76	27.71	5.95	13	0.79	22.55	30	Pass
Band4	1.4	1710.7	16QAM	1	LOW	21.49	27.16	5.67	13	0.79	22.28	30	Pass
Band4	1.4	1710.7	16QAM	1	MID	21.58	27.19	5.61	13	0.79	22.37	30	Pass
Band4	1.4	1710.7	16QAM	1	HIGH	21.54	27.16	5.62	13	0.79	22.33	30	Pass
Band4	1.4	1732.5	QPSK	6	LOW	20.98	26.93	5.95	13	0.79	21.77	30	Pass
Band4	1.4	1732.5	QPSK	3	LOW	22.21	27.52	5.31	13	0.79	23	30	Pass
Band4	1.4	1732.5	QPSK	3	MID	22.24	27.53	5.29	13	0.79	23.03	30	Pass
Band4	1.4	1732.5	QPSK	3	HIGH	22.22	27.44	5.22	13	0.79	23.01	30	Pass
Band4	1.4	1732.5	QPSK	1	LOW	22.16	27.23	5.07	13	0.79	22.95	30	Pass
Band4	1.4	1732.5	QPSK	1	MID	22.14	27.27	5.13	13	0.79	22.93	30	Pass
Band4	1.4	1732.5	QPSK	1	HIGH	22.12	27.18	5.06	13	0.79	22.91	30	Pass
Band4	1.4	1732.5	16QAM	6	LOW	20.24	27.28	7.04	13	0.79	21.03	30	Pass
Band4	1.4	1732.5	16QAM	3	LOW	21.12	27.56	6.44	13	0.79	21.91	30	Pass
Band4	1.4	1732.5	16QAM	3	MID	21.11	27.55	6.44	13	0.79	21.9	30	Pass
Band4	1.4	1732.5	16QAM	3	HIGH	21.15	27.58	6.43	13	0.79	21.94	30	Pass
Band4	1.4	1732.5	16QAM	1	LOW	21.17	26.29	5.12	13	0.79	21.96	30	Pass
Band4	1.4	1732.5	16QAM	1	MID	21.25	26.38	5.13	13	0.79	22.04	30	Pass
Band4	1.4	1732.5	16QAM	1	HIGH	21.18	26.29	5.11	13	0.79	21.97	30	Pass
Band4	1.4	1754.3	QPSK	6	LOW	20.99	26.76	5.77	13	0.79	21.78	30	Pass
Band4	1.4	1754.3	QPSK	3	LOW	22.17	26.88	4.71	13	0.79	22.96	30	Pass
Band4	1.4	1754.3	QPSK	3	MID	22.14	26.86	4.72	13	0.79	22.93	30	Pass
Band4	1.4	1754.3	QPSK	3	HIGH	22.19	26.82	4.63	13	0.79	22.98	30	Pass
Band4	1.4	1754.3	QPSK	1	LOW	22.03	26.38	4.35	13	0.79	22.82	30	Pass
Band4	1.4	1754.3	QPSK	1	MID	22.14	26.39	4.25	13	0.79	22.93	30	Pass
Band4	1.4	1754.3	QPSK	1	HIGH	22	26.33	4.33	13	0.79	22.79	30	Pass
Band4	1.4	1754.3	16QAM	6	LOW	20.11	26.87	6.76	13	0.79	20.9	30	Pass
Band4	1.4	1754.3	16QAM	3	LOW	21.19	26.95	5.76	13	0.79	21.98	30	Pass
Band4	1.4	1754.3	16QAM	3	MID	21.19	26.93	5.74	13	0.79	21.98	30	Pass
Band4	1.4	1754.3	16QAM	3	HIGH	21.23	26.77	5.54	13	0.79	22.02	30	Pass
Band4	1.4	1754.3	16QAM	1	LOW	21.37	26.11	4.74	13	0.79	22.16	30	Pass

Band4	1.4	1754.3	16QAM	1	MID	21.43	26.22	4.79	13	0.79	22.22	30	Pass
Band4	1.4	1754.3	16QAM	1	HIGH	21.34	26.09	4.75	13	0.79	22.13	30	Pass
Band4	3	1711.5	QPSK	15	LOW	21.35	27.7	6.35	13	0.79	22.14	30	Pass
Band4	3	1711.5	QPSK	8	LOW	21.31	27.39	6.08	13	0.79	22.1	30	Pass
Band4	3	1711.5	QPSK	8	MID	21.31	27.37	6.06	13	0.79	22.1	30	Pass
Band4	3	1711.5	QPSK	8	HIGH	21.26	27.28	6.02	13	0.79	22.05	30	Pass
Band4	3	1711.5	QPSK	1	LOW	22.13	26.96	4.83	13	0.79	22.92	30	Pass
Band4	3	1711.5	QPSK	1	MID	22.21	27.09	4.88	13	0.79	23	30	Pass
Band4	3	1711.5	QPSK	1	HIGH	22.18	27	4.82	13	0.79	22.97	30	Pass
Band4	3	1711.5	16QAM	15	LOW	20.33	27.33	7	13	0.79	21.12	30	Pass
Band4	3	1711.5	16QAM	8	LOW	20.62	27.6	6.98	13	0.79	21.41	30	Pass
Band4	3	1711.5	16QAM	8	MID	20.63	27.59	6.96	13	0.79	21.42	30	Pass
Band4	3	1711.5	16QAM	8	HIGH	20.59	27.57	6.98	13	0.79	21.38	30	Pass
Band4	3	1711.5	16QAM	1	LOW	22	27.63	5.63	13	0.79	22.79	30	Pass
Band4	3	1711.5	16QAM	1	MID	22.03	27.64	5.61	13	0.79	22.82	30	Pass
Band4	3	1711.5	16QAM	1	HIGH	21.94	27.56	5.62	13	0.79	22.73	30	Pass
Band4	3	1732.5	QPSK	15	LOW	21.11	27.47	6.36	13	0.79	21.9	30	Pass
Band4	3	1732.5	QPSK	8	LOW	21.19	27.54	6.35	13	0.79	21.98	30	Pass
Band4	3	1732.5	QPSK	8	MID	21.19	27.6	6.41	13	0.79	21.98	30	Pass
Band4	3	1732.5	QPSK	8	HIGH	21.16	27.53	6.37	13	0.79	21.95	30	Pass
Band4	3	1732.5	QPSK	1	LOW	22.15	27.14	4.99	13	0.79	22.94	30	Pass
Band4	3	1732.5	QPSK	1	MID	22.22	27.24	5.02	13	0.79	23.01	30	Pass
Band4	3	1732.5	QPSK	1	HIGH	22.15	27.22	5.07	13	0.79	22.94	30	Pass
Band4	3	1732.5	16QAM	15	LOW	20.24	27.93	7.69	13	0.79	21.03	30	Pass
Band4	3	1732.5	16QAM	8	LOW	20.11	26.82	6.71	13	0.79	20.9	30	Pass
Band4	3	1732.5	16QAM	8	MID	20.12	26.8	6.68	13	0.79	20.91	30	Pass
Band4	3	1732.5	16QAM	8	HIGH	20.09	26.81	6.72	13	0.79	20.88	30	Pass
Band4	3	1732.5	16QAM	1	LOW	21.26	26.29	5.03	13	0.79	22.05	30	Pass
Band4	3	1732.5	16QAM	1	MID	21.25	26.39	5.14	13	0.79	22.04	30	Pass
Band4	3	1732.5	16QAM	1	HIGH	21.21	26.31	5.1	13	0.79	22	30	Pass
Band4	3	1753.5	QPSK	15	LOW	21.06	27.92	6.86	13	0.79	21.85	30	Pass
Band4	3	1753.5	QPSK	8	LOW	21.15	27.23	6.08	13	0.79	21.94	30	Pass
Band4	3	1753.5	QPSK	8	MID	21.15	27.26	6.11	13	0.79	21.94	30	Pass
Band4	3	1753.5	QPSK	8	HIGH	21.16	27.03	5.87	13	0.79	21.95	30	Pass
Band4	3	1753.5	QPSK	1	LOW	22	26.53	4.53	13	0.79	22.79	30	Pass
Band4	3	1753.5	QPSK	1	MID	22.06	26.43	4.37	13	0.79	22.85	30	Pass
Band4	3	1753.5	QPSK	1	HIGH	22.02	26.33	4.31	13	0.79	22.81	30	Pass
Band4	3	1753.5	16QAM	15	LOW	20.24	27.53	7.29	13	0.79	21.03	30	Pass
Band4	3	1753.5	16QAM	8	LOW	20.25	26.55	6.3	13	0.79	21.04	30	Pass
Band4	3	1753.5	16QAM	8	MID	20.26	26.67	6.41	13	0.79	21.05	30	Pass
Band4	3	1753.5	16QAM	8	HIGH	20.25	26.54	6.29	13	0.79	21.04	30	Pass
Band4	3	1753.5	16QAM	1	LOW	21.31	26.19	4.88	13	0.79	22.1	30	Pass
Band4	3	1753.5	16QAM	1	MID	21.38	26.19	4.81	13	0.79	22.17	30	Pass
Band4	3	1753.5	16QAM	1	HIGH	21.34	26.09	4.75	13	0.79	22.13	30	Pass
Band4	5	1712.5	QPSK	25	LOW	21.33	27.98	6.65	13	0.79	22.12	30	Pass
Band4	5	1712.5	QPSK	12	LOW	21.28	27.51	6.23	13	0.79	22.07	30	Pass

Band4	5	1712.5	QPSK	12	MID	21.28	27.48	6.2	13	0.79	22.07	30	Pass
Band4	5	1712.5	QPSK	12	HIGH	21.26	27.39	6.13	13	0.79	22.05	30	Pass
Band4	5	1712.5	QPSK	1	LOW	22.25	27.62	5.37	13	0.79	23.04	30	Pass
Band4	5	1712.5	QPSK	1	MID	22.35	27.73	5.38	13	0.79	23.14	30	Pass
Band4	5	1712.5	QPSK	1	HIGH	22.22	27.6	5.38	13	0.79	23.01	30	Pass
Band4	5	1712.5	16QAM	25	LOW	20.31	28.23	7.92	13	0.79	21.1	30	Pass
Band4	5	1712.5	16QAM	12	LOW	20.44	27.82	7.38	13	0.79	21.23	30	Pass
Band4	5	1712.5	16QAM	12	MID	20.45	27.97	7.52	13	0.79	21.24	30	Pass
Band4	5	1712.5	16QAM	12	HIGH	20.39	27.88	7.49	13	0.79	21.18	30	Pass
Band4	5	1712.5	16QAM	1	LOW	21.5	27.06	5.56	13	0.79	22.29	30	Pass
Band4	5	1712.5	16QAM	1	MID	21.48	27.01	5.53	13	0.79	22.27	30	Pass
Band4	5	1712.5	16QAM	1	HIGH	21.34	26.86	5.52	13	0.79	22.13	30	Pass
Band4	5	1732.5	QPSK	25	LOW	21.11	27.79	6.68	13	0.79	21.9	30	Pass
Band4	5	1732.5	QPSK	12	LOW	21.24	27.78	6.54	13	0.79	22.03	30	Pass
Band4	5	1732.5	QPSK	12	MID	21.21	27.82	6.61	13	0.79	22	30	Pass
Band4	5	1732.5	QPSK	12	HIGH	21.22	27.71	6.49	13	0.79	22.01	30	Pass
Band4	5	1732.5	QPSK	1	LOW	22.25	27.11	4.86	13	0.79	23.04	30	Pass
Band4	5	1732.5	QPSK	1	MID	22.23	27.24	5.01	13	0.79	23.02	30	Pass
Band4	5	1732.5	QPSK	1	HIGH	22.2	27.19	4.99	13	0.79	22.99	30	Pass
Band4	5	1732.5	16QAM	25	LOW	20.29	27.55	7.26	13	0.79	21.08	30	Pass
Band4	5	1732.5	16QAM	12	LOW	20.28	27.36	7.08	13	0.79	21.07	30	Pass
Band4	5	1732.5	16QAM	12	MID	20.29	27.33	7.04	13	0.79	21.08	30	Pass
Band4	5	1732.5	16QAM	12	HIGH	20.26	27.28	7.02	13	0.79	21.05	30	Pass
Band4	5	1732.5	16QAM	1	LOW	21.51	26.94	5.43	13	0.79	22.3	30	Pass
Band4	5	1732.5	16QAM	1	MID	21.5	27.08	5.58	13	0.79	22.29	30	Pass
Band4	5	1732.5	16QAM	1	HIGH	21.42	26.98	5.56	13	0.79	22.21	30	Pass
Band4	5	1752.5	QPSK	25	LOW	21.04	27.32	6.28	13	0.79	21.83	30	Pass
Band4	5	1752.5	QPSK	12	LOW	21.16	27.04	5.88	13	0.79	21.95	30	Pass
Band4	5	1752.5	QPSK	12	MID	21.16	27.02	5.86	13	0.79	21.95	30	Pass
Band4	5	1752.5	QPSK	12	HIGH	21.15	26.86	5.71	13	0.79	21.94	30	Pass
Band4	5	1752.5	QPSK	1	LOW	22.1	26.89	4.79	13	0.79	22.89	30	Pass
Band4	5	1752.5	QPSK	1	MID	22.11	26.71	4.6	13	0.79	22.9	30	Pass
Band4	5	1752.5	QPSK	1	HIGH	22.07	26.56	4.49	13	0.79	22.86	30	Pass
Band4	5	1752.5	16QAM	25	LOW	20.15	27.88	7.73	13	0.79	20.94	30	Pass
Band4	5	1752.5	16QAM	12	LOW	20.11	26.84	6.73	13	0.79	20.9	30	Pass
Band4	5	1752.5	16QAM	12	MID	20.11	26.85	6.74	13	0.79	20.9	30	Pass
Band4	5	1752.5	16QAM	12	HIGH	20.15	26.64	6.49	13	0.79	20.94	30	Pass
Band4	5	1752.5	16QAM	1	LOW	21.16	26.86	5.7	13	0.79	21.95	30	Pass
Band4	5	1752.5	16QAM	1	MID	21.21	26.67	5.46	13	0.79	22	30	Pass
Band4	5	1752.5	16QAM	1	HIGH	21.15	26.5	5.35	13	0.79	21.94	30	Pass
Band4	10	1715	QPSK	50	LOW	21.32	27.89	6.57	13	0.79	22.11	30	Pass
Band4	10	1715	QPSK	25	LOW	21.29	27.72	6.43	13	0.79	22.08	30	Pass
Band4	10	1715	QPSK	25	MID	21.28	27.7	6.42	13	0.79	22.07	30	Pass
Band4	10	1715	QPSK	25	HIGH	21.21	27.64	6.43	13	0.79	22	30	Pass
Band4	10	1715	QPSK	1	LOW	22.26	27.02	4.76	13	0.79	23.05	30	Pass
Band4	10	1715	QPSK	1	MID	22.35	27.03	4.68	13	0.79	23.14	30	Pass

Band4	10	1715	QPSK	1	HIGH	22.16	26.91	4.75	13	0.79	22.95	30	Pass
Band4	10	1715	16QAM	50	LOW	20.27	28.21	7.94	13	0.79	21.06	30	Pass
Band4	10	1715	16QAM	25	LOW	20.47	27.84	7.37	13	0.79	21.26	30	Pass
Band4	10	1715	16QAM	25	MID	20.47	27.82	7.35	13	0.79	21.26	30	Pass
Band4	10	1715	16QAM	25	HIGH	20.39	27.75	7.36	13	0.79	21.18	30	Pass
Band4	10	1715	16QAM	1	LOW	22.11	27.69	5.58	13	0.79	22.9	30	Pass
Band4	10	1715	16QAM	1	MID	22.1	27.53	5.43	13	0.79	22.89	30	Pass
Band4	10	1715	16QAM	1	HIGH	21.94	27.46	5.52	13	0.79	22.73	30	Pass
Band4	10	1732.5	QPSK	50	LOW	21.11	27.59	6.48	13	0.79	21.9	30	Pass
Band4	10	1732.5	QPSK	25	LOW	21.18	27.72	6.54	13	0.79	21.97	30	Pass
Band4	10	1732.5	QPSK	25	MID	21.22	27.69	6.47	13	0.79	22.01	30	Pass
Band4	10	1732.5	QPSK	25	HIGH	21.19	27.73	6.54	13	0.79	21.98	30	Pass
Band4	10	1732.5	QPSK	1	LOW	22.3	27.16	4.86	13	0.79	23.09	30	Pass
Band4	10	1732.5	QPSK	1	MID	22.31	27.24	4.93	13	0.79	23.1	30	Pass
Band4	10	1732.5	QPSK	1	HIGH	22.21	27.35	5.14	13	0.79	23	30	Pass
Band4	10	1732.5	16QAM	50	LOW	20.26	27.7	7.44	13	0.79	21.05	30	Pass
Band4	10	1732.5	16QAM	25	LOW	20.22	27.83	7.61	13	0.79	21.01	30	Pass
Band4	10	1732.5	16QAM	25	MID	20.24	27.79	7.55	13	0.79	21.03	30	Pass
Band4	10	1732.5	16QAM	25	HIGH	20.18	27.82	7.64	13	0.79	20.97	30	Pass
Band4	10	1732.5	16QAM	1	LOW	21.36	26.36	5	13	0.79	22.15	30	Pass
Band4	10	1732.5	16QAM	1	MID	21.34	26.44	5.1	13	0.79	22.13	30	Pass
Band4	10	1732.5	16QAM	1	HIGH	21.3	26.41	5.11	13	0.79	22.09	30	Pass
Band4	10	1750	QPSK	50	LOW	21.04	27.35	6.31	13	0.79	21.83	30	Pass
Band4	10	1750	QPSK	25	LOW	21.13	27.82	6.69	13	0.79	21.92	30	Pass
Band4	10	1750	QPSK	25	MID	21.13	27.83	6.7	13	0.79	21.92	30	Pass
Band4	10	1750	QPSK	25	HIGH	21.12	27.5	6.38	13	0.79	21.91	30	Pass
Band4	10	1750	QPSK	1	LOW	22.15	27.06	4.91	13	0.79	22.94	30	Pass
Band4	10	1750	QPSK	1	MID	22.19	26.76	4.57	13	0.79	22.98	30	Pass
Band4	10	1750	QPSK	1	HIGH	22.1	26.41	4.31	13	0.79	22.89	30	Pass
Band4	10	1750	16QAM	50	LOW	20.17	27.8	7.63	13	0.79	20.96	30	Pass
Band4	10	1750	16QAM	25	LOW	20.22	27.48	7.26	13	0.79	21.01	30	Pass
Band4	10	1750	16QAM	25	MID	20.2	27.54	7.34	13	0.79	20.99	30	Pass
Band4	10	1750	16QAM	25	HIGH	20.23	27.24	7.01	13	0.79	21.02	30	Pass
Band4	10	1750	16QAM	1	LOW	21.35	26.51	5.16	13	0.79	22.14	30	Pass
Band4	10	1750	16QAM	1	MID	21.42	26.45	5.03	13	0.79	22.21	30	Pass
Band4	10	1750	16QAM	1	HIGH	21.37	26.17	4.8	13	0.79	22.16	30	Pass
Band4	15	1717.5	QPSK	75	LOW	21.34	28.44	7.1	13	0.79	22.13	30	Pass
Band4	15	1717.5	QPSK	38	LOW	21.3	28.3	7	13	0.79	22.09	30	Pass
Band4	15	1717.5	QPSK	38	MID	21.3	28.27	6.97	13	0.79	22.09	30	Pass
Band4	15	1717.5	QPSK	38	HIGH	21.3	28.32	7.02	13	0.79	22.09	30	Pass
Band4	15	1717.5	QPSK	1	LOW	22.29	27.04	4.75	13	0.79	23.08	30	Pass
Band4	15	1717.5	QPSK	1	MID	22.27	27.04	4.77	13	0.79	23.06	30	Pass
Band4	15	1717.5	QPSK	1	HIGH	22.24	26.98	4.74	13	0.79	23.03	30	Pass
Band4	15	1717.5	16QAM	75	LOW	20.26	27.71	7.45	13	0.79	21.05	30	Pass
Band4	15	1717.5	16QAM	38	LOW	20.38	27.79	7.41	13	0.79	21.17	30	Pass
Band4	15	1717.5	16QAM	38	MID	20.37	27.88	7.51	13	0.79	21.16	30	Pass

Band4	15	1717.5	16QAM	38	HIGH	20.37	27.88	7.51	13	0.79	21.16	30	Pass
Band4	15	1717.5	16QAM	1	LOW	22.14	27.72	5.58	13	0.79	22.93	30	Pass
Band4	15	1717.5	16QAM	1	MID	22.03	27.55	5.52	13	0.79	22.82	30	Pass
Band4	15	1717.5	16QAM	1	HIGH	21.95	27.42	5.47	13	0.79	22.74	30	Pass
Band4	15	1732.5	QPSK	75	LOW	21.17	28.2	7.03	13	0.79	21.96	30	Pass
Band4	15	1732.5	QPSK	38	LOW	21.26	28.16	6.9	13	0.79	22.05	30	Pass
Band4	15	1732.5	QPSK	38	MID	21.25	28.32	7.07	13	0.79	22.04	30	Pass
Band4	15	1732.5	QPSK	38	HIGH	21.24	28.28	7.04	13	0.79	22.03	30	Pass
Band4	15	1732.5	QPSK	1	LOW	22.27	27.08	4.81	13	0.79	23.06	30	Pass
Band4	15	1732.5	QPSK	1	MID	22.26	27.32	5.06	13	0.79	23.05	30	Pass
Band4	15	1732.5	QPSK	1	HIGH	22.29	27.39	5.1	13	0.79	23.08	30	Pass
Band4	15	1732.5	16QAM	75	LOW	20.24	27.96	7.72	13	0.79	21.03	30	Pass
Band4	15	1732.5	16QAM	38	LOW	20.17	27.91	7.74	13	0.79	20.96	30	Pass
Band4	15	1732.5	16QAM	38	MID	20.19	27.88	7.69	13	0.79	20.98	30	Pass
Band4	15	1732.5	16QAM	38	HIGH	20.19	27.92	7.73	13	0.79	20.98	30	Pass
Band4	15	1732.5	16QAM	1	LOW	21.4	26.37	4.97	13	0.79	22.19	30	Pass
Band4	15	1732.5	16QAM	1	MID	21.32	26.46	5.14	13	0.79	22.11	30	Pass
Band4	15	1732.5	16QAM	1	HIGH	21.33	26.43	5.1	13	0.79	22.12	30	Pass
Band4	15	1747.5	QPSK	75	LOW	21.08	27.87	6.79	13	0.79	21.87	30	Pass
Band4	15	1747.5	QPSK	38	LOW	21.17	28.09	6.92	13	0.79	21.96	30	Pass
Band4	15	1747.5	QPSK	38	MID	21.18	28.04	6.86	13	0.79	21.97	30	Pass
Band4	15	1747.5	QPSK	38	HIGH	21.17	27.93	6.76	13	0.79	21.96	30	Pass
Band4	15	1747.5	QPSK	1	LOW	22.13	27.03	4.9	13	0.79	22.92	30	Pass
Band4	15	1747.5	QPSK	1	MID	22.1	26.79	4.69	13	0.79	22.89	30	Pass
Band4	15	1747.5	QPSK	1	HIGH	22.09	26.39	4.3	13	0.79	22.88	30	Pass
Band4	15	1747.5	16QAM	75	LOW	20.17	27.63	7.46	13	0.79	20.96	30	Pass
Band4	15	1747.5	16QAM	38	LOW	20.09	27.61	7.52	13	0.79	20.88	30	Pass
Band4	15	1747.5	16QAM	38	MID	20.1	27.48	7.38	13	0.79	20.89	30	Pass
Band4	15	1747.5	16QAM	38	HIGH	20.11	27.61	7.5	13	0.79	20.9	30	Pass
Band4	15	1747.5	16QAM	1	LOW	21.73	26.71	4.98	13	0.79	22.52	30	Pass
Band4	15	1747.5	16QAM	1	MID	21.75	26.57	4.82	13	0.79	22.54	30	Pass
Band4	15	1747.5	16QAM	1	HIGH	21.7	26.23	4.53	13	0.79	22.49	30	Pass
Band4	20	1720	QPSK	100	LOW	21.19	27.78	6.59	13	0.79	21.98	30	Pass
Band4	20	1720	QPSK	50	LOW	21.21	27.66	6.45	13	0.79	22	30	Pass
Band4	20	1720	QPSK	50	MID	21.21	27.65	6.44	13	0.79	22	30	Pass
Band4	20	1720	QPSK	50	HIGH	21.23	27.65	6.42	13	0.79	22.02	30	Pass
Band4	20	1720	QPSK	1	LOW	22.29	27.18	4.89	13	0.79	23.08	30	Pass
Band4	20	1720	QPSK	1	MID	22.27	27.05	4.78	13	0.79	23.06	30	Pass
Band4	20	1720	QPSK	1	HIGH	22.2	27.1	4.9	13	0.79	22.99	30	Pass
Band4	20	1720	16QAM	100	LOW	20.28	28.61	8.33	13	0.79	21.07	30	Pass
Band4	20	1720	16QAM	50	LOW	20.35	28.07	7.72	13	0.79	21.14	30	Pass
Band4	20	1720	16QAM	50	MID	20.36	28.12	7.76	13	0.79	21.15	30	Pass
Band4	20	1720	16QAM	50	HIGH	20.27	28.01	7.74	13	0.79	21.06	30	Pass
Band4	20	1720	16QAM	1	LOW	21.8	27.21	5.41	13	0.79	22.59	30	Pass
Band4	20	1720	16QAM	1	MID	21.65	26.99	5.34	13	0.79	22.44	30	Pass
Band4	20	1720	16QAM	1	HIGH	21.6	27.03	5.43	13	0.79	22.39	30	Pass

Band4	20	1732.5	QPSK	100	LOW	21.1	27.85	6.75	13	0.79	21.89	30	Pass
Band4	20	1732.5	QPSK	50	LOW	21.23	27.7	6.47	13	0.79	22.02	30	Pass
Band4	20	1732.5	QPSK	50	MID	21.21	27.73	6.52	13	0.79	22	30	Pass
Band4	20	1732.5	QPSK	50	HIGH	21.24	27.9	6.66	13	0.79	22.03	30	Pass
Band4	20	1732.5	QPSK	1	LOW	22.38	26.96	4.58	13	0.79	23.17	30	Pass
Band4	20	1732.5	QPSK	1	MID	22.41	27.18	4.77	13	0.79	23.2	30	Pass
Band4	20	1732.5	QPSK	1	HIGH	22.36	27.08	4.72	13	0.79	23.15	30	Pass
Band4	20	1732.5	16QAM	100	LOW	20.28	28.16	7.88	13	0.79	21.07	30	Pass
Band4	20	1732.5	16QAM	50	LOW	20.25	27.8	7.55	13	0.79	21.04	30	Pass
Band4	20	1732.5	16QAM	50	MID	20.25	27.75	7.5	13	0.79	21.04	30	Pass
Band4	20	1732.5	16QAM	50	HIGH	20.17	27.75	7.58	13	0.79	20.96	30	Pass
Band4	20	1732.5	16QAM	1	LOW	21.6	27.3	5.7	13	0.79	22.39	30	Pass
Band4	20	1732.5	16QAM	1	MID	21.53	27.42	5.89	13	0.79	22.32	30	Pass
Band4	20	1732.5	16QAM	1	HIGH	21.44	27.42	5.98	13	0.79	22.23	30	Pass
Band4	20	1745	QPSK	100	LOW	21.04	27.92	6.88	13	0.79	21.83	30	Pass
Band4	20	1745	QPSK	50	LOW	21.19	27.88	6.69	13	0.79	21.98	30	Pass
Band4	20	1745	QPSK	50	MID	21.2	27.82	6.62	13	0.79	21.99	30	Pass
Band4	20	1745	QPSK	50	HIGH	21.18	27.56	6.38	13	0.79	21.97	30	Pass
Band4	20	1745	QPSK	1	LOW	22.2	27.28	5.08	13	0.79	22.99	30	Pass
Band4	20	1745	QPSK	1	MID	22.13	27.14	5.01	13	0.79	22.92	30	Pass
Band4	20	1745	QPSK	1	HIGH	22.12	26.51	4.39	13	0.79	22.91	30	Pass
Band4	20	1745	16QAM	100	LOW	20.19	27.98	7.79	13	0.79	20.98	30	Pass
Band4	20	1745	16QAM	50	LOW	20.15	27.77	7.62	13	0.79	20.94	30	Pass
Band4	20	1745	16QAM	50	MID	20.17	27.75	7.58	13	0.79	20.96	30	Pass
Band4	20	1745	16QAM	50	HIGH	20.16	27.56	7.4	13	0.79	20.95	30	Pass
Band4	20	1745	16QAM	1	LOW	21.69	27.15	5.46	13	0.79	22.48	30	Pass
Band4	20	1745	16QAM	1	MID	21.7	27.06	5.36	13	0.79	22.49	30	Pass
Band4	20	1745	16QAM	1	HIGH	21.68	26.52	4.84	13	0.79	22.47	30	Pass