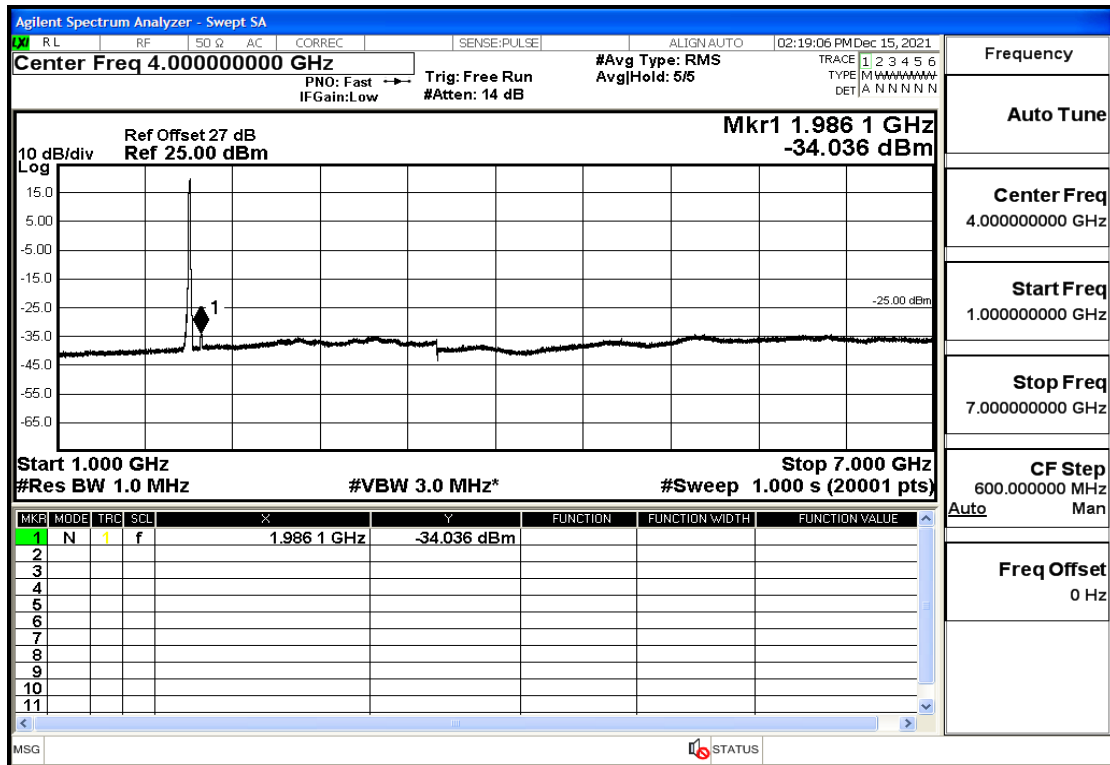
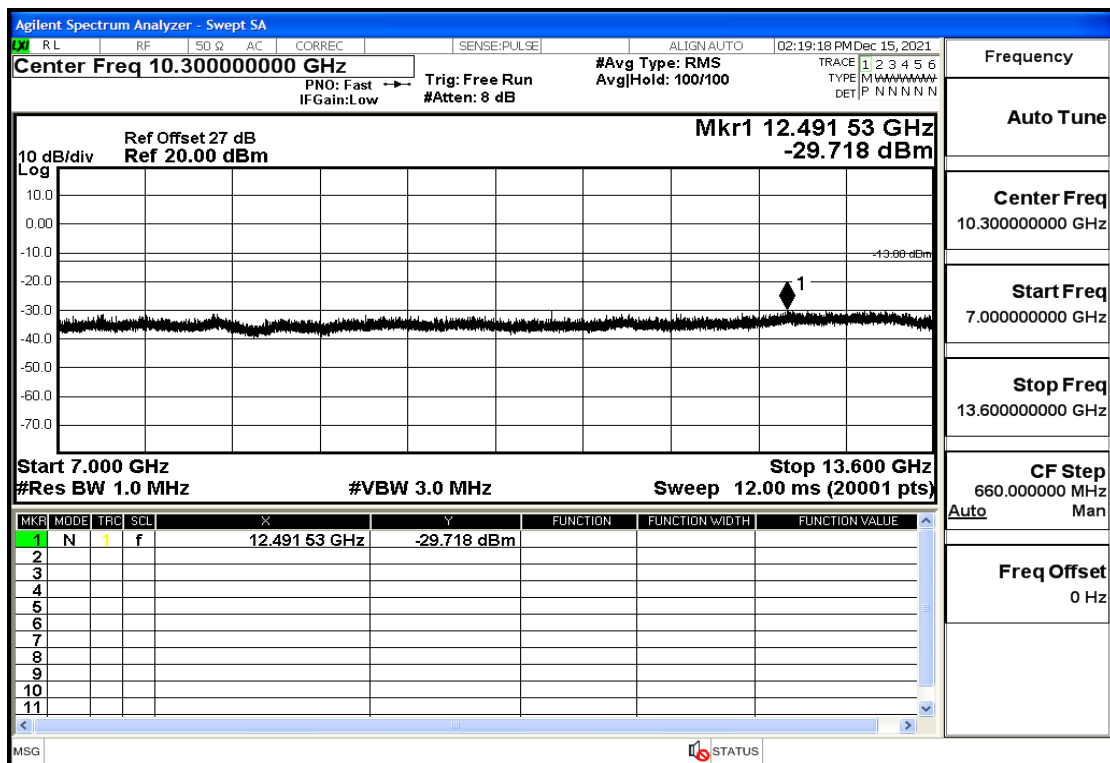


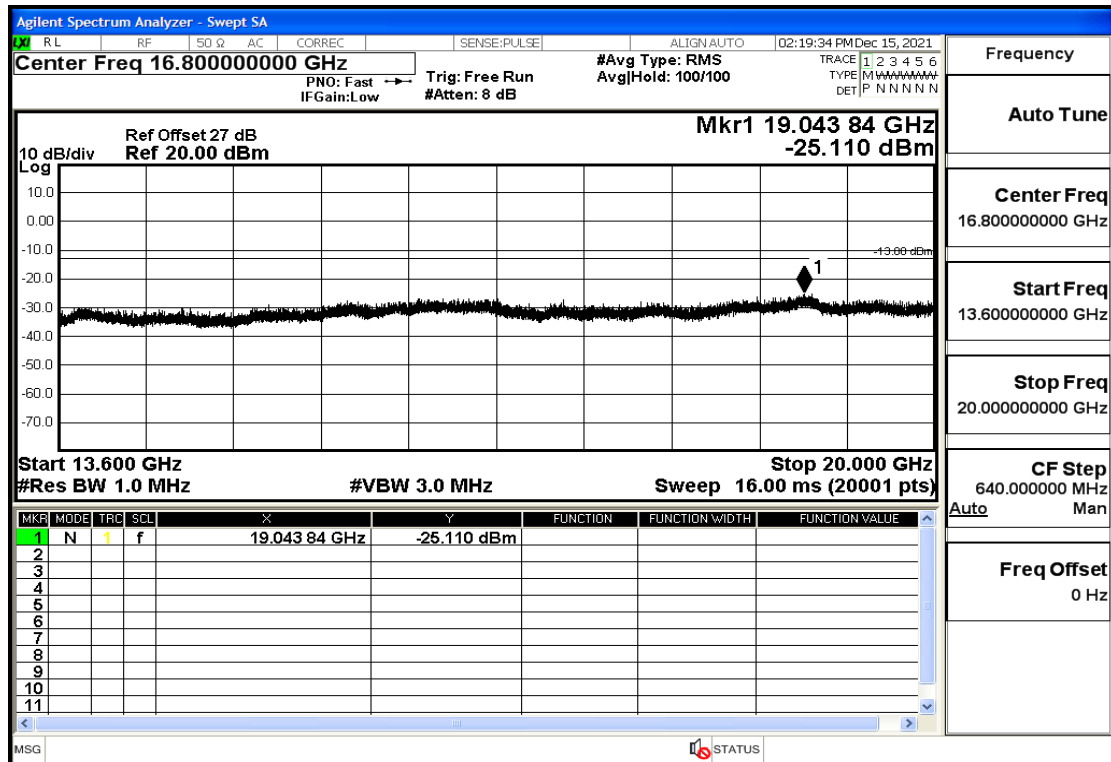
OB25-15-1907.5-Q16-75#LOW@1GHz-7GHz@Pass



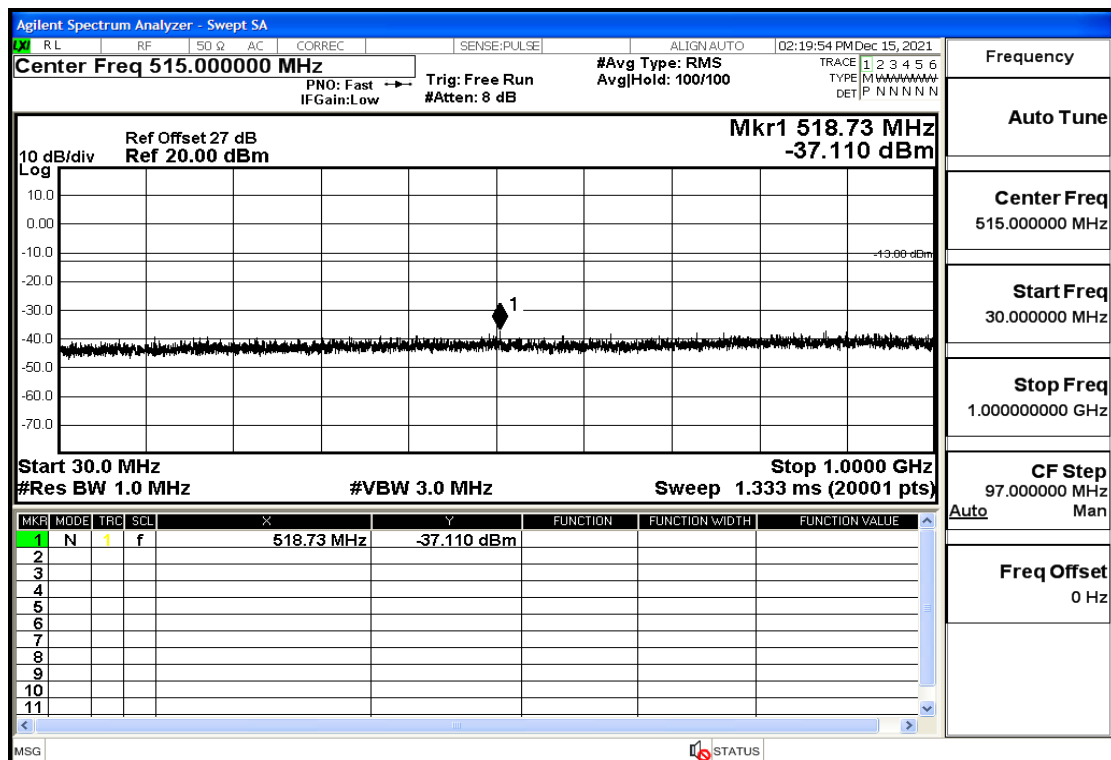
OB25-15-1907.5-Q16-75#LOW@7GHz-13.6GHz@Pass



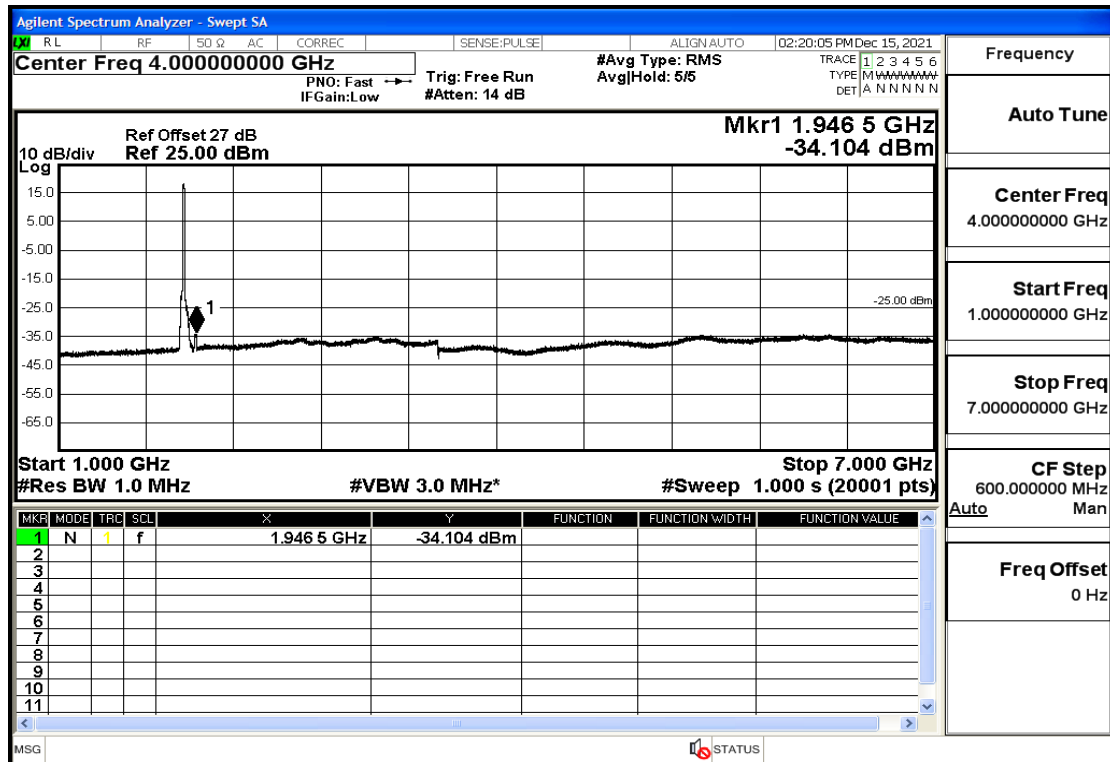
OB25-15-1907.5-Q16-75#LOW@13.6GHz-20GHz@Pass



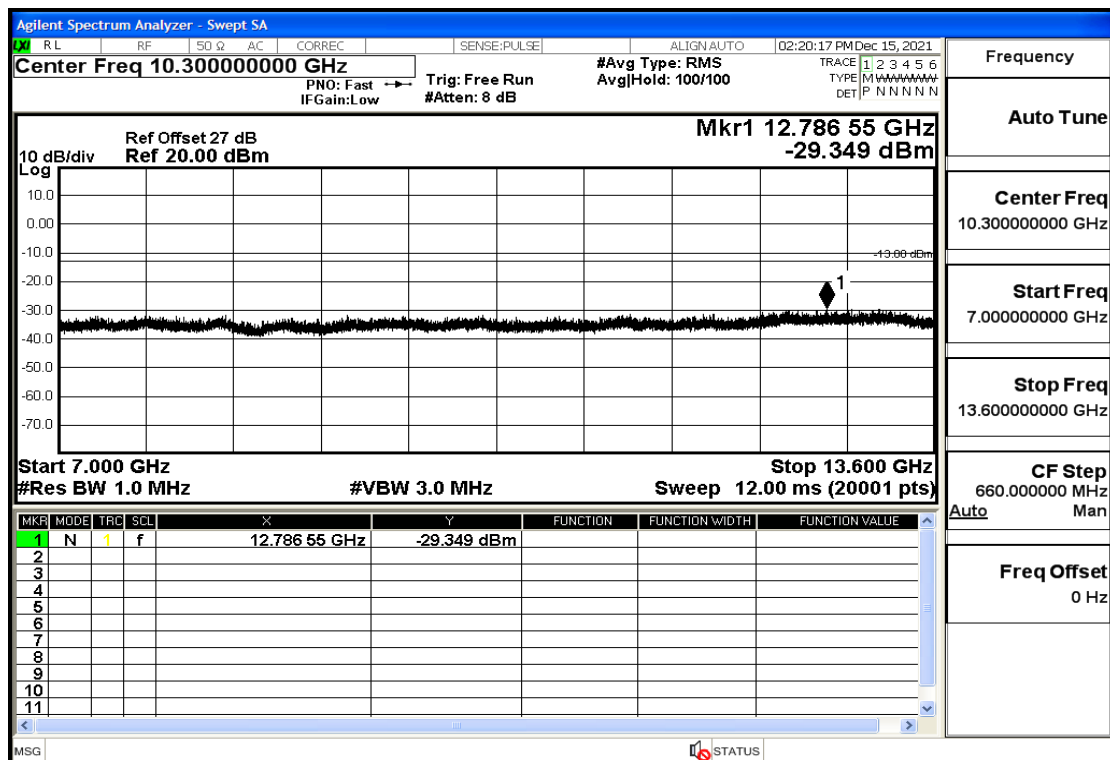
OB25-20-1860-Q16-100#LOW@30mHz-1GHz@Pass



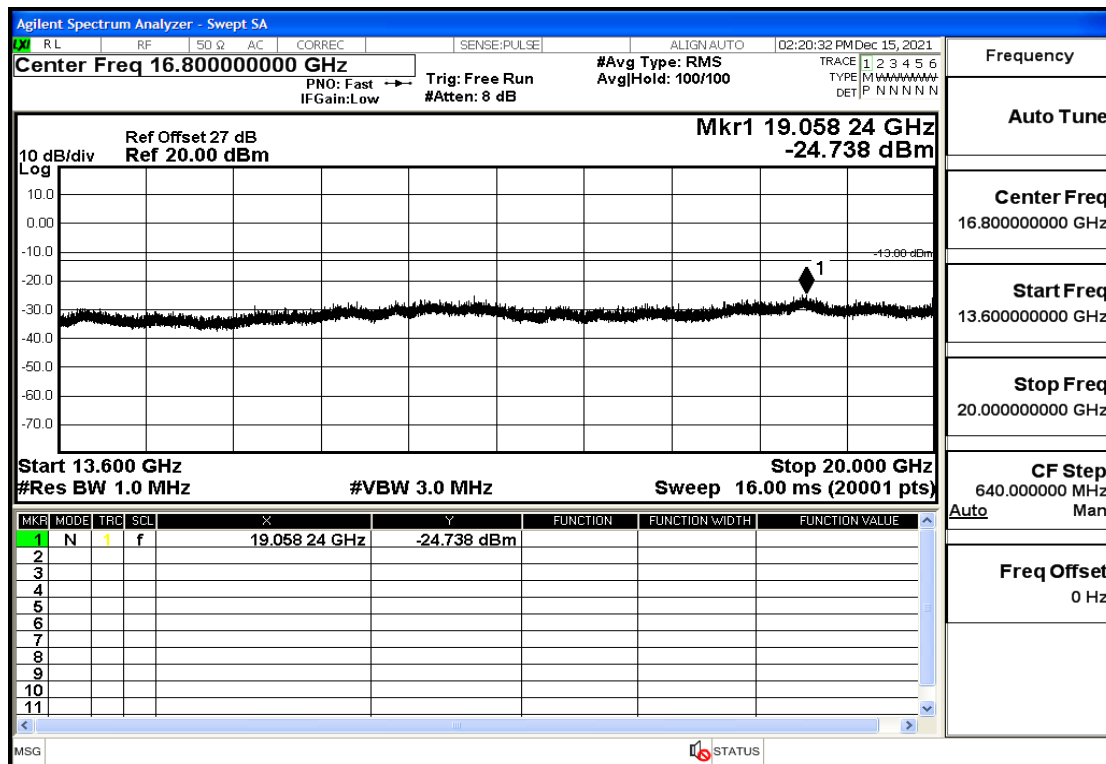
OB25-20-1860-Q16-100#LOW@1GHz-7GHz@Pass



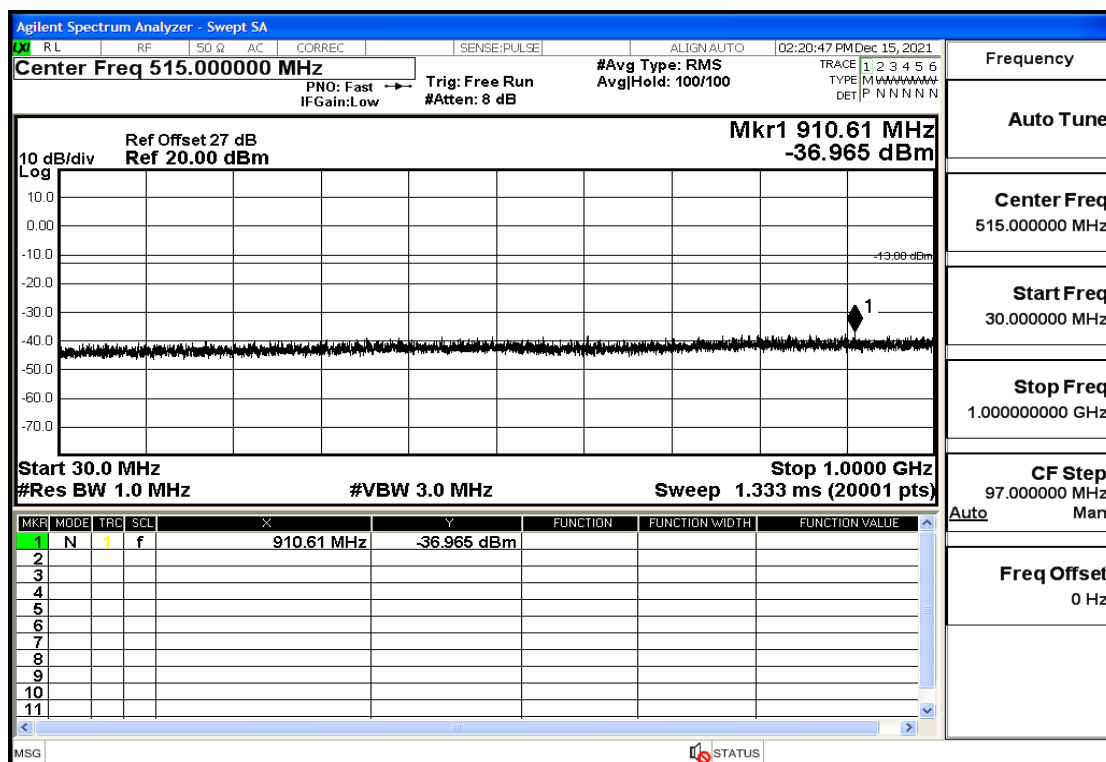
OB25-20-1860-Q16-100#LOW@7GHz-13.6GHz@Pass



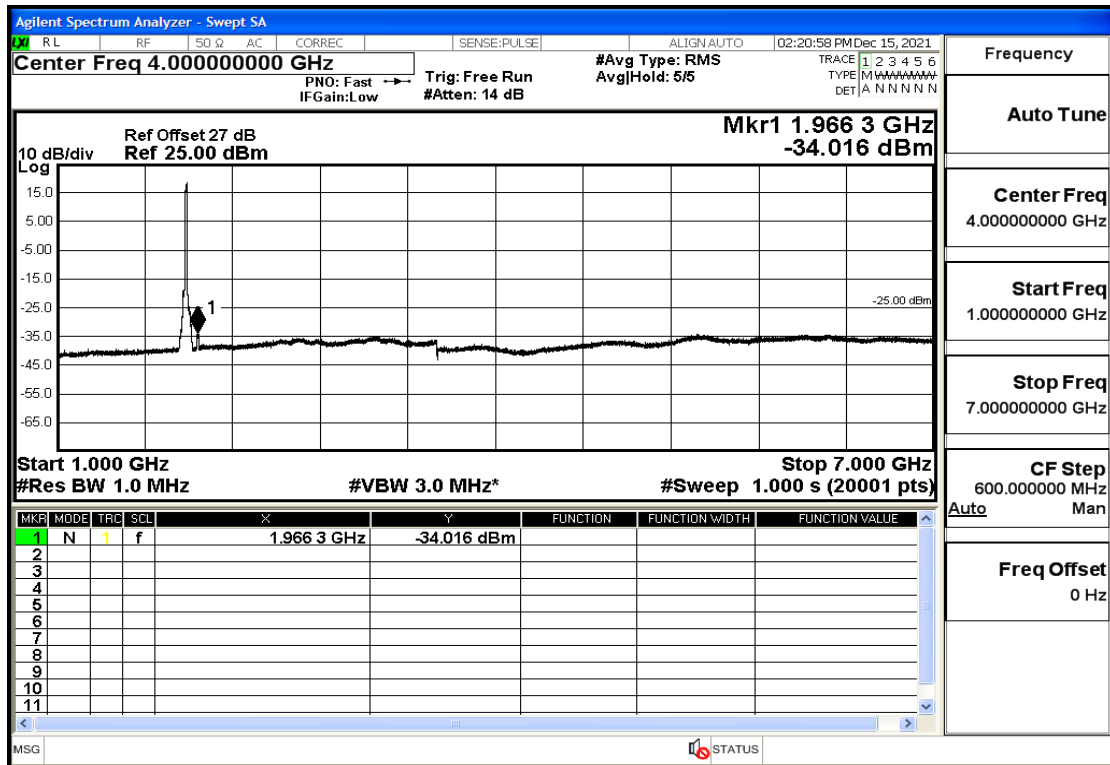
OB25-20-1860-Q16-100#LOW@13.6GHz-20GHz@Pass



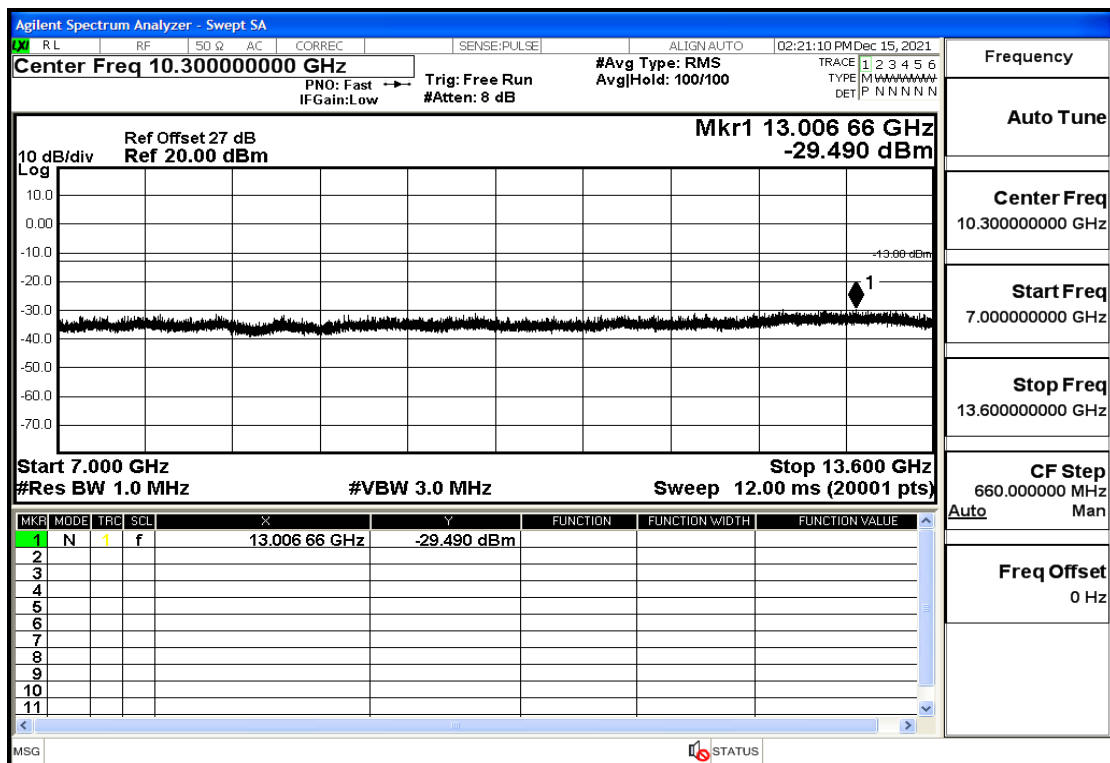
OB25-20-1882.5-Q16-100#LOW@30mHz-1GHz@Pass



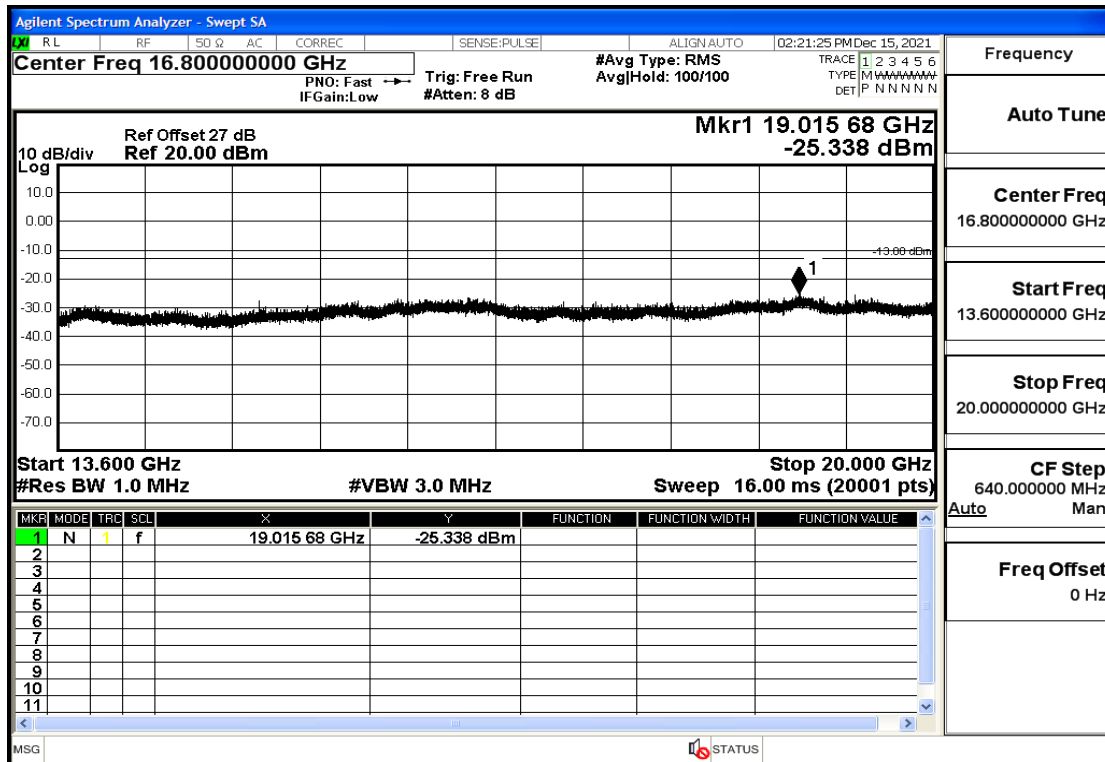
OB25-20-1882.5-Q16-100#LOW@1GHz-7GHz@Pass



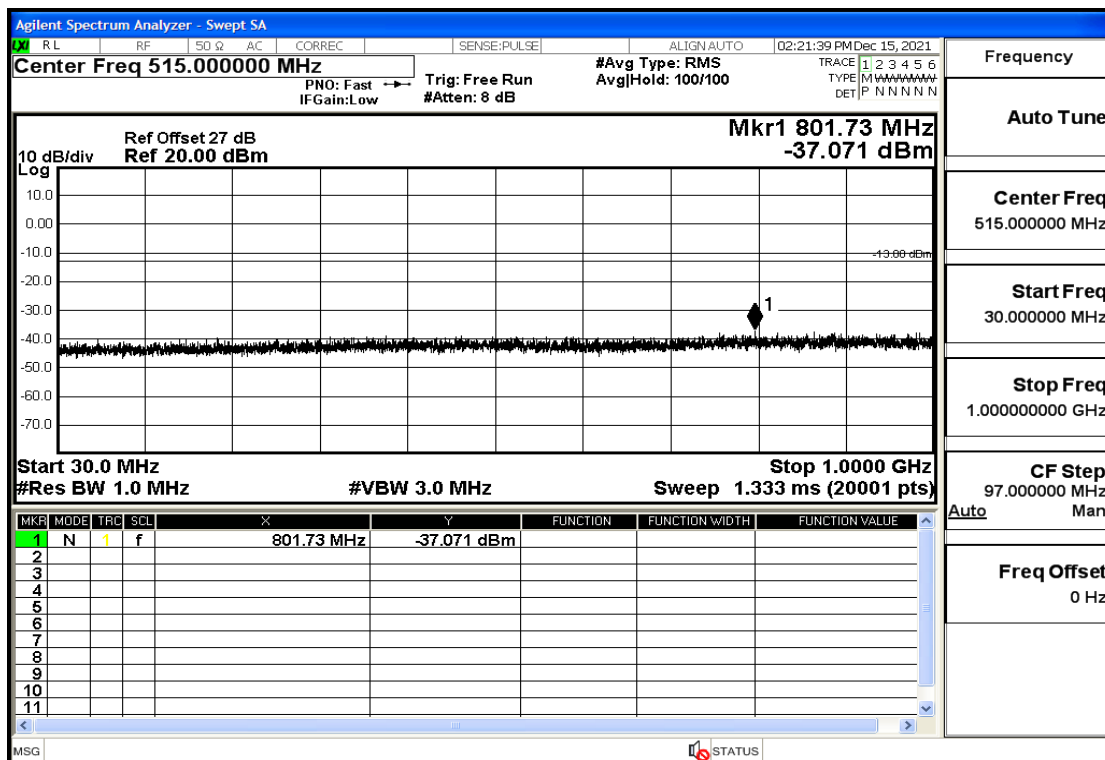
OB25-20-1882.5-Q16-100#LOW@7GHz-13.6GHz@Pass



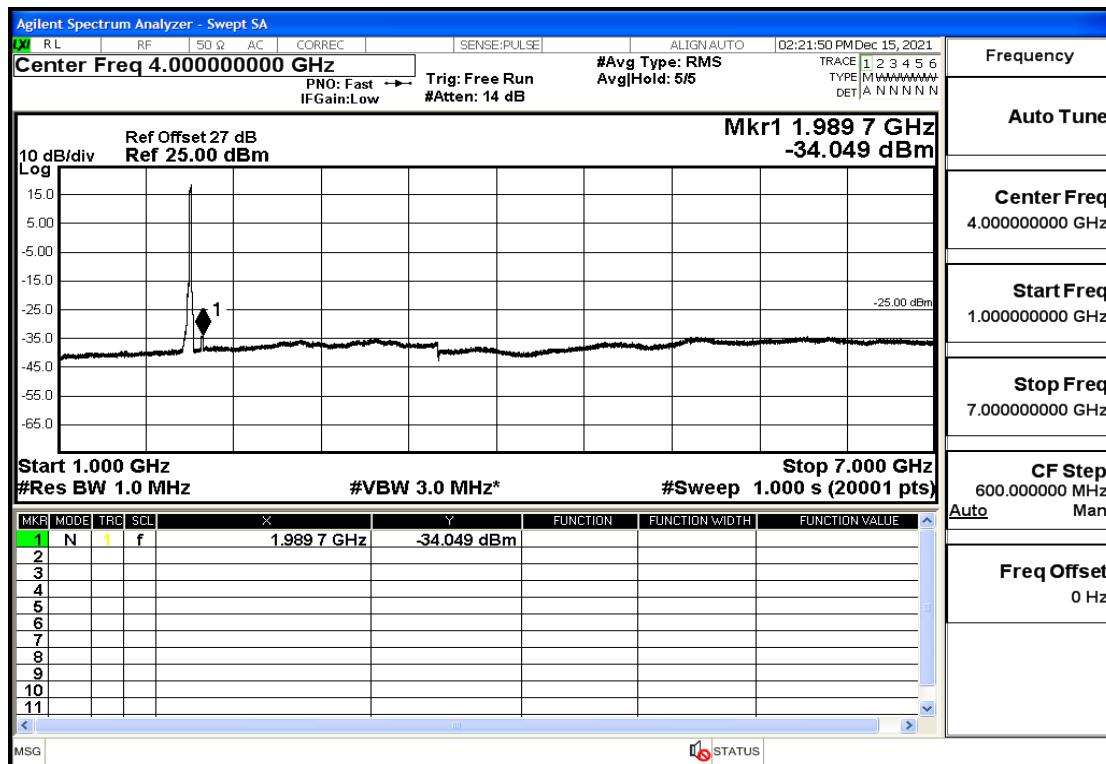
OB25-20-1882.5-Q16-100#LOW@13.6GHz-20GHz@Pass



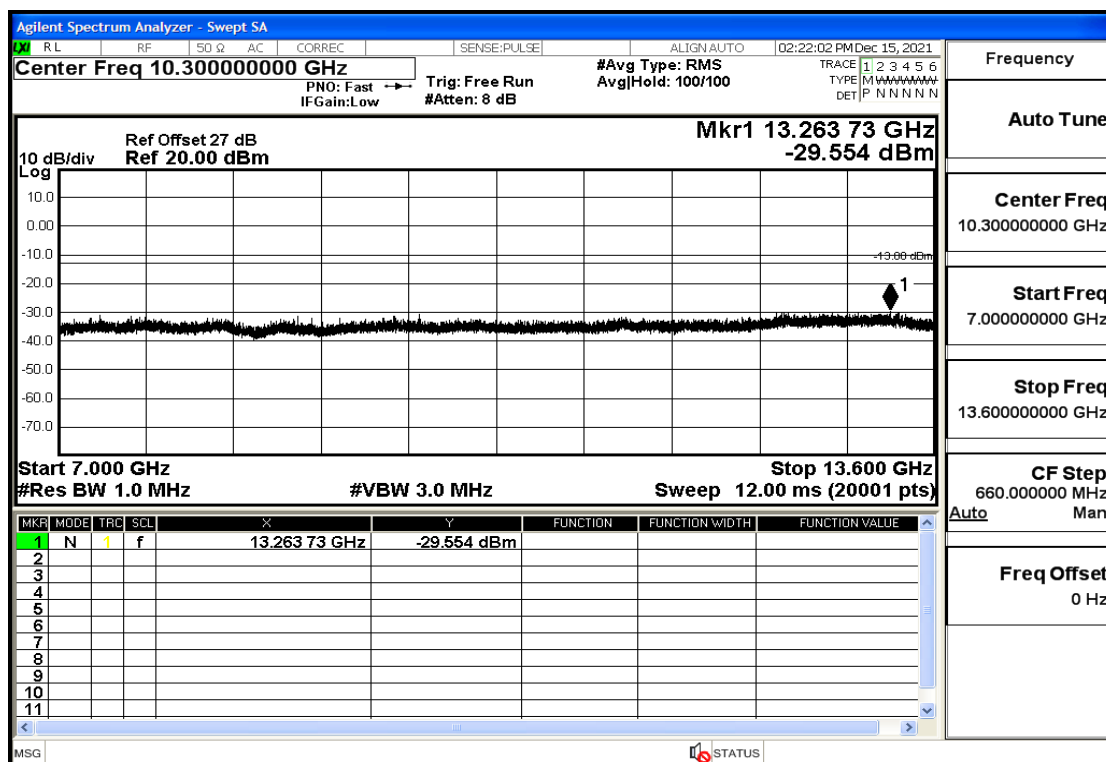
OB25-20-1905-Q16-100#LOW@30mHz-1GHz@Pass



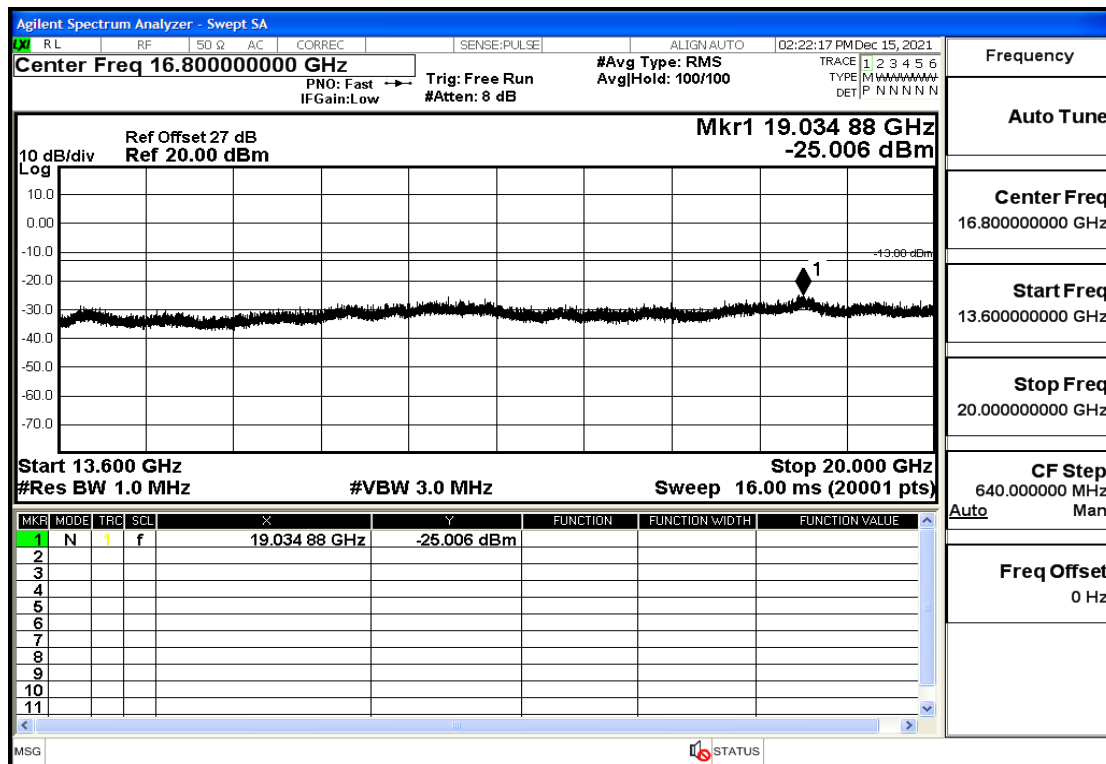
OB25-20-1905-Q16-100#LOW@1GHz-7GHz@Pass



OB25-20-1905-Q16-100#LOW@7GHz-13.6GHz@Pass



OB25-20-1905-Q16-100#LOW@13.6GHz-20GHz@Pass

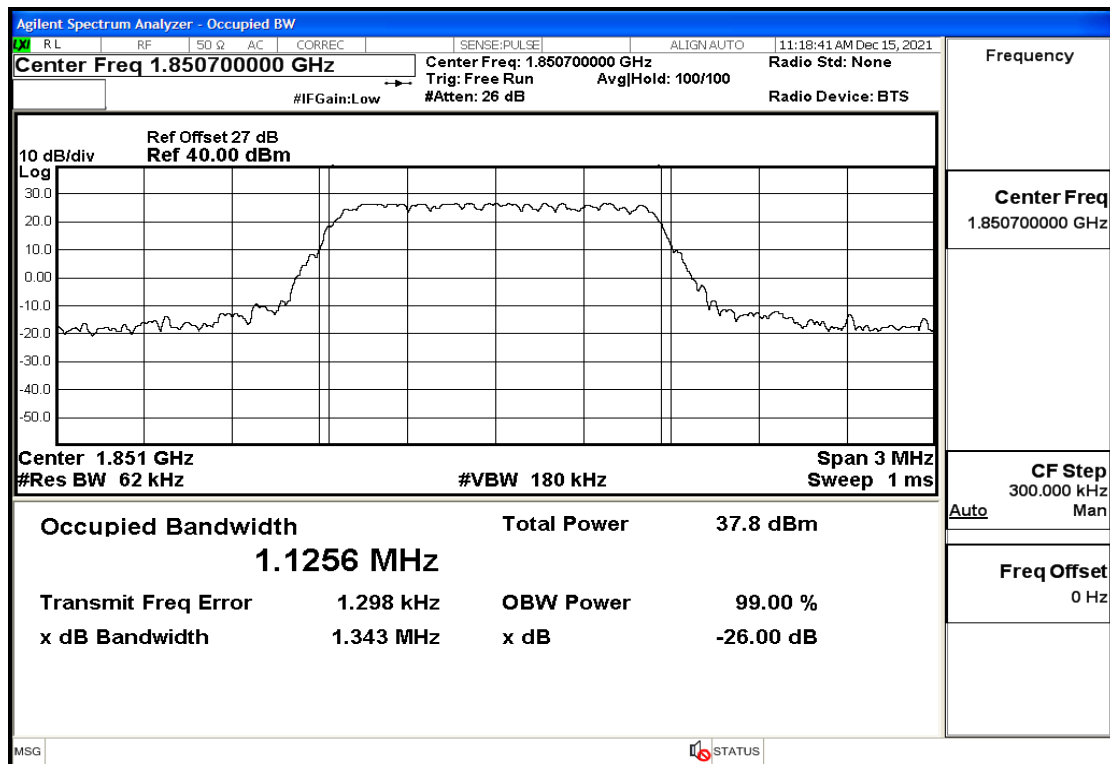


Emission bandwidth and OBW

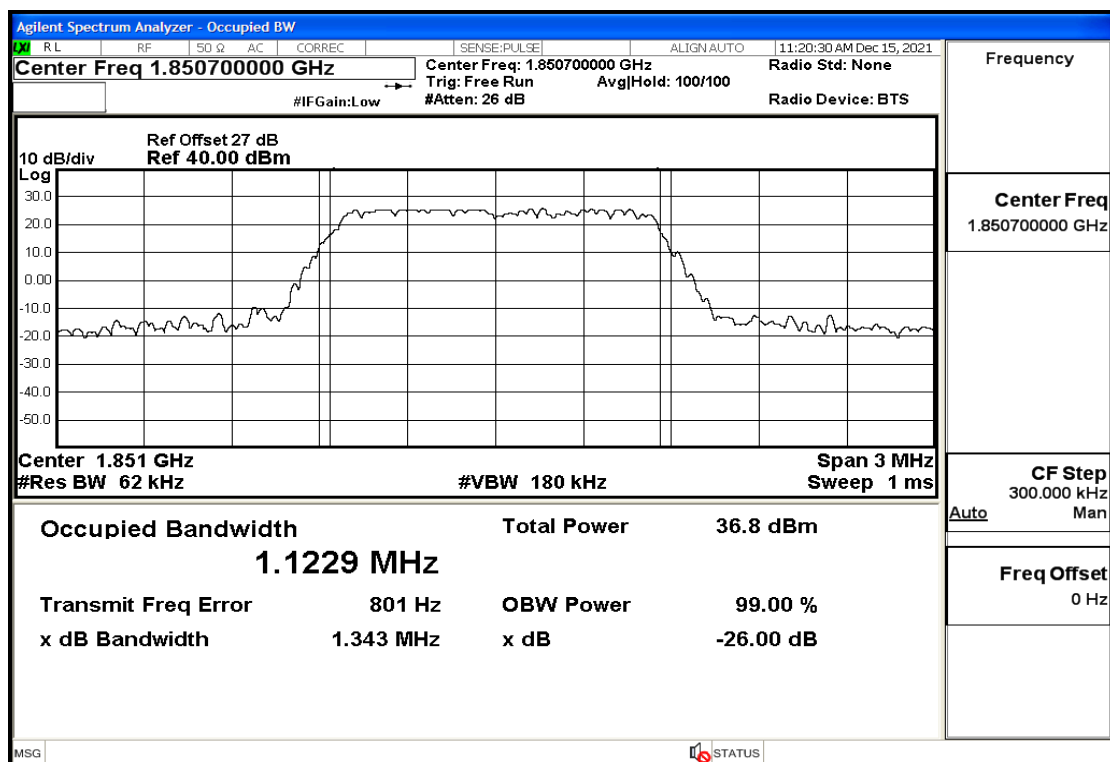
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band25	1.4	1850.7	QPSK	6	LOW	1125.6	1343	No limit
Band25	1.4	1850.7	16QAM	6	LOW	1122.9	1343	No limit
Band25	1.4	1882.5	QPSK	6	LOW	1107.9	1347	No limit
Band25	1.4	1882.5	16QAM	6	LOW	1112.5	1334	No limit
Band25	1.4	1914.3	QPSK	6	LOW	1111.2	1375	No limit
Band25	1.4	1914.3	16QAM	6	LOW	1116.8	1314	No limit
Band25	3	1851.5	QPSK	15	LOW	2738	3031	No limit
Band25	3	1851.5	16QAM	15	LOW	2748.8	3108	No limit
Band25	3	1882.5	QPSK	15	LOW	2754	3040	No limit
Band25	3	1882.5	16QAM	15	LOW	2743.4	3023	No limit
Band25	3	1913.5	QPSK	15	LOW	2749.8	3057	No limit
Band25	3	1913.5	16QAM	15	LOW	2752.5	3048	No limit
Band25	5	1852.5	QPSK	25	LOW	574.65	779.4	No limit
Band25	5	1852.5	16QAM	25	LOW	4561.1	5076	No limit
Band25	5	1882.5	QPSK	25	LOW	4585.9	5137	No limit
Band25	5	1882.5	16QAM	25	LOW	4568.2	5059	No limit
Band25	5	1912.5	QPSK	25	LOW	4552.4	5058	No limit
Band25	5	1912.5	16QAM	25	LOW	4568.6	5040	No limit
Band25	10	1855	QPSK	50	LOW	9056.2	10110	No limit
Band25	10	1855	16QAM	50	LOW	9115.4	10040	No limit

Band25	10	1882.5	QPSK	50	LOW	9081.5	10030	No limit
Band25	10	1882.5	16QAM	50	LOW	9069	9973	No limit
Band25	10	1910	QPSK	50	LOW	9036.5	10130	No limit
Band25	10	1910	16QAM	50	LOW	9071	10070	No limit
Band25	15	1857.5	QPSK	75	LOW	13555	15050	No limit
Band25	15	1857.5	16QAM	75	LOW	13560	14930	No limit
Band25	15	1882.5	QPSK	75	LOW	13633	14950	No limit
Band25	15	1882.5	16QAM	75	LOW	13592	14980	No limit
Band25	15	1907.5	QPSK	75	LOW	13573	15040	No limit
Band25	15	1907.5	16QAM	75	LOW	13566	14890	No limit
Band25	20	1860	QPSK	100	LOW	18045	19850	No limit
Band25	20	1860	16QAM	100	LOW	18034	19760	No limit
Band25	20	1882.5	QPSK	100	LOW	18147	19910	No limit
Band25	20	1882.5	16QAM	100	LOW	18125	19800	No limit
Band25	20	1905	QPSK	100	LOW	18218	20010	No limit
Band25	20	1905	16QAM	100	LOW	18202	19760	No limit

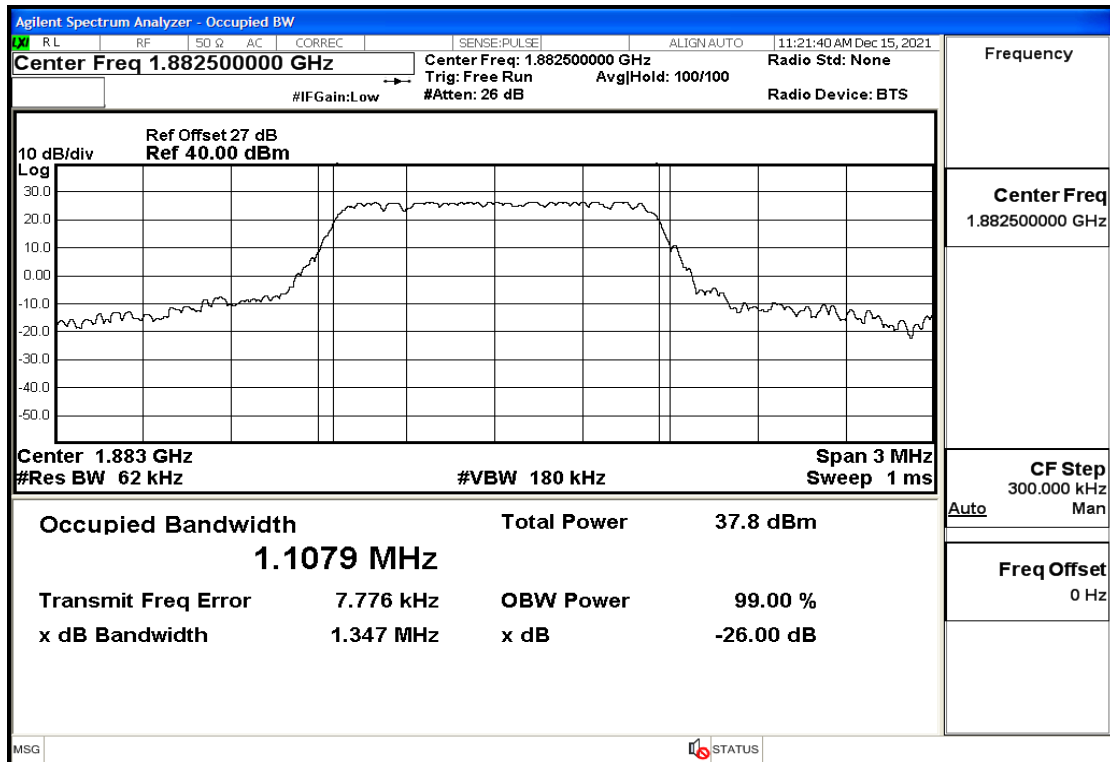
Band25-1.4-1850.7-QPSK-6#LOW@26dB and 99PCT Bandwidth



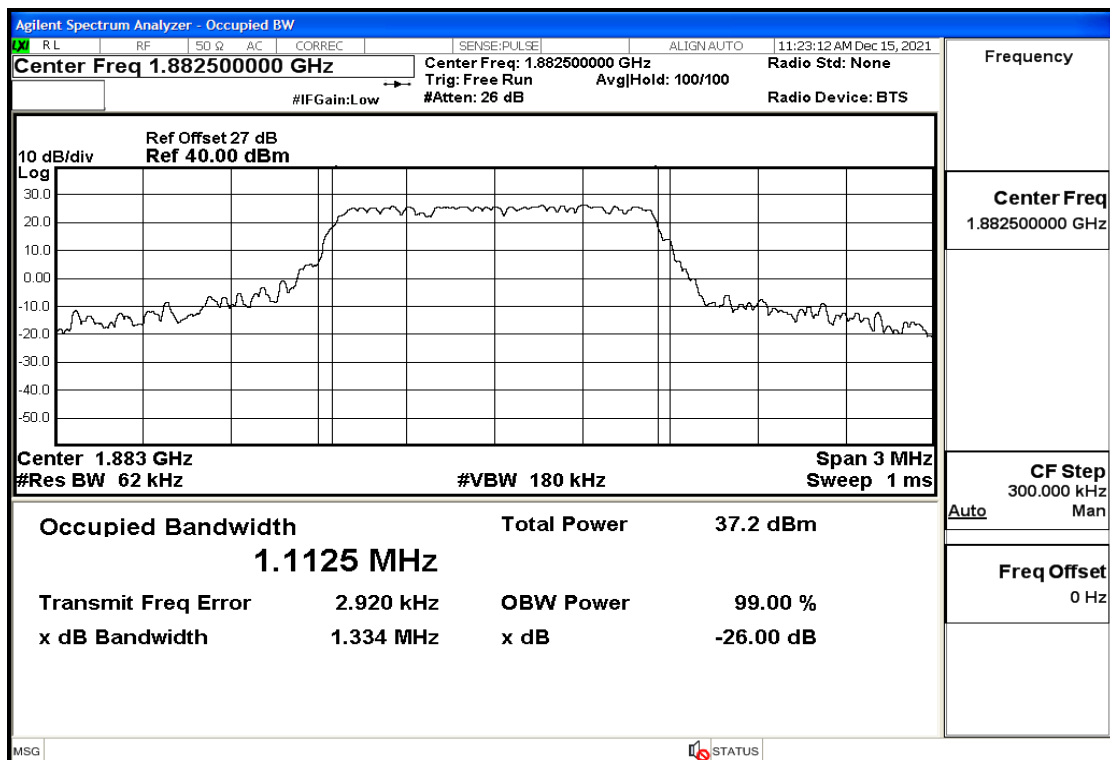
Band25-1.4-1850.7-16QAM-6#LOW@26dB and 99PCT Bandwidth



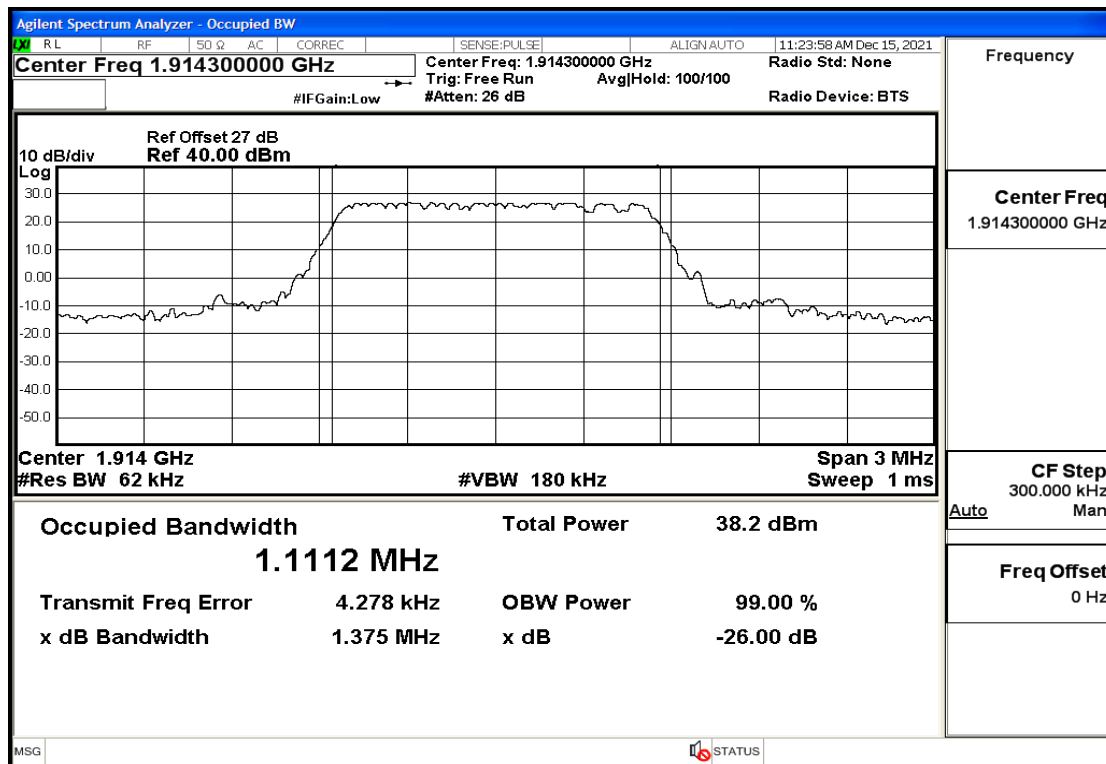
Band25-1.4-1882.5-QPSK-6#LOW@26dB and 99PCT Bandwidth



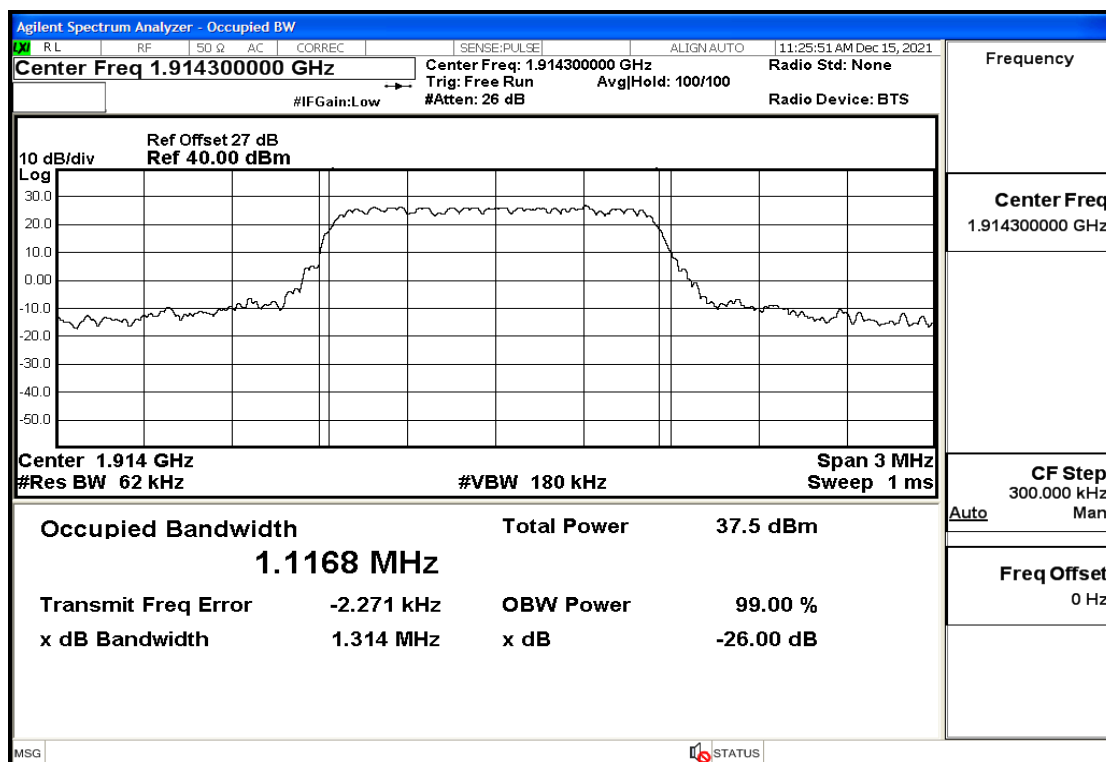
Band25-1.4-1882.5-16QAM-6#LOW@26dB and 99PCT Bandwidth



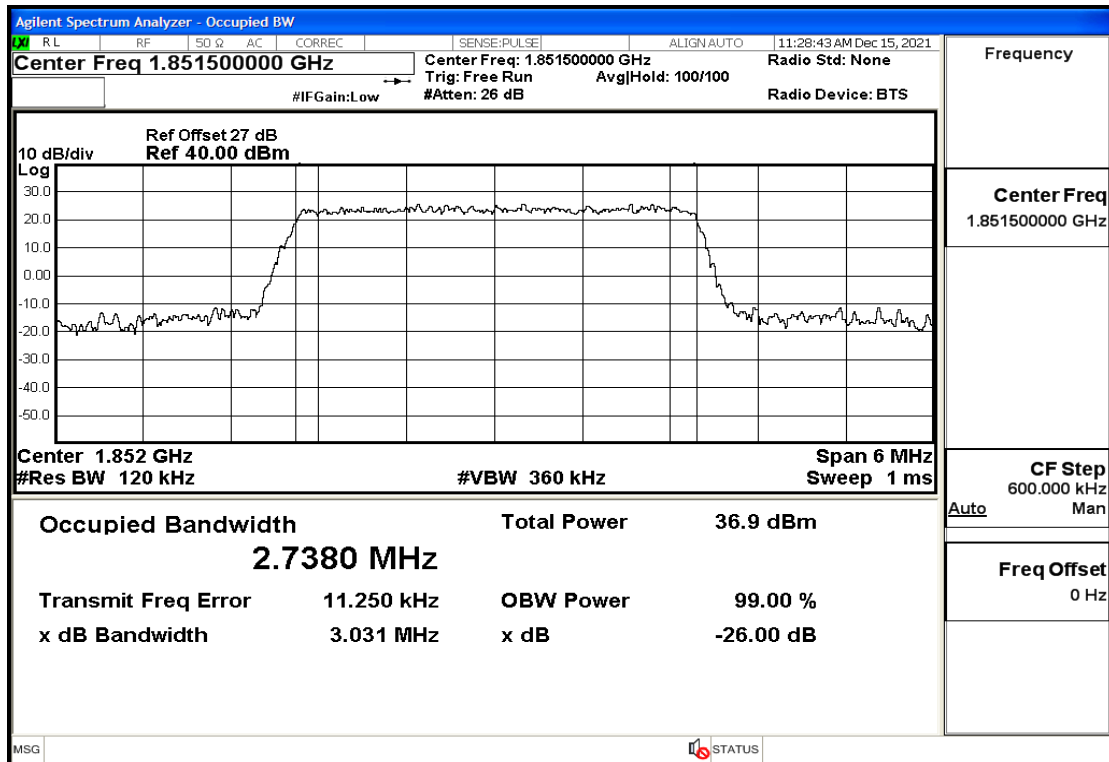
Band25-1.4-1914.3-QPSK-6#LOW@26dB and 99PCT Bandwidth



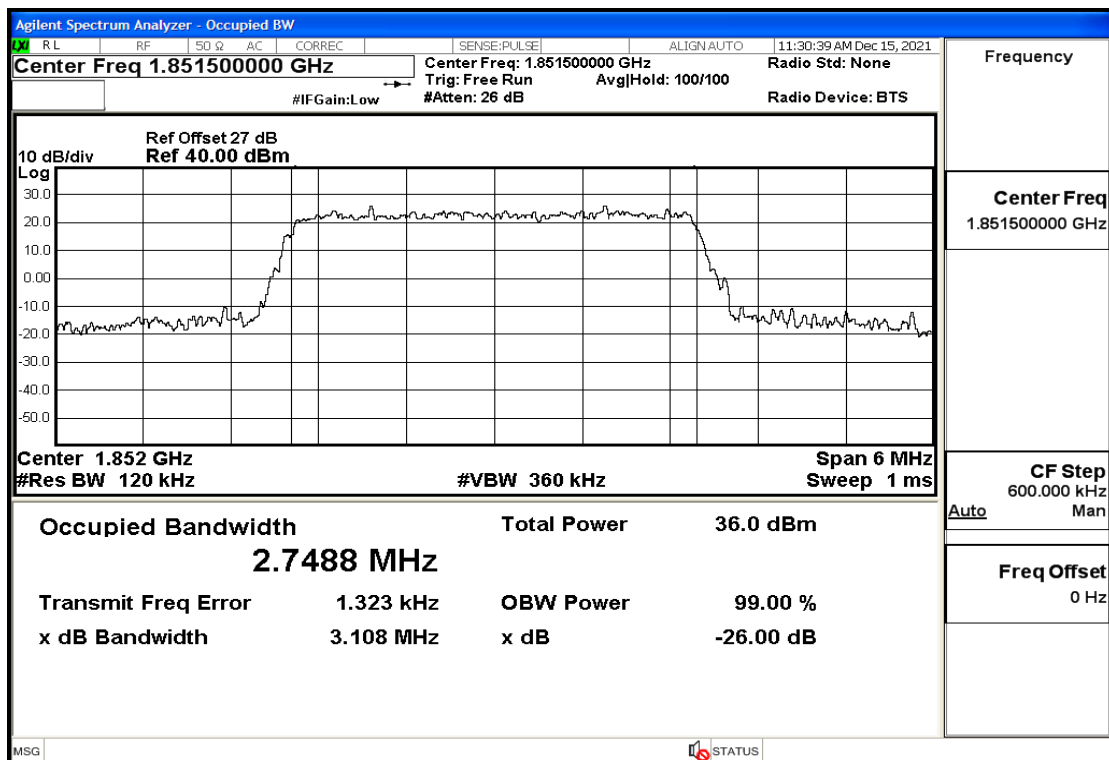
Band25-1.4-1914.3-16QAM-6#LOW@26dB and 99PCT Bandwidth



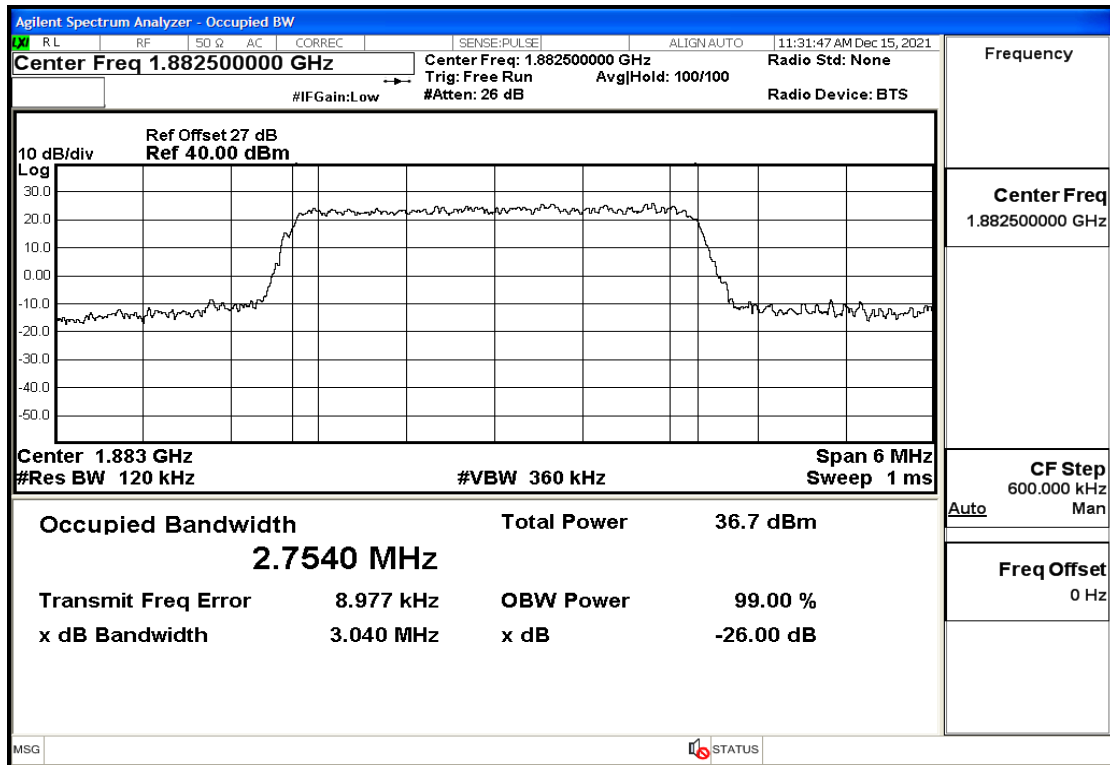
Band25-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



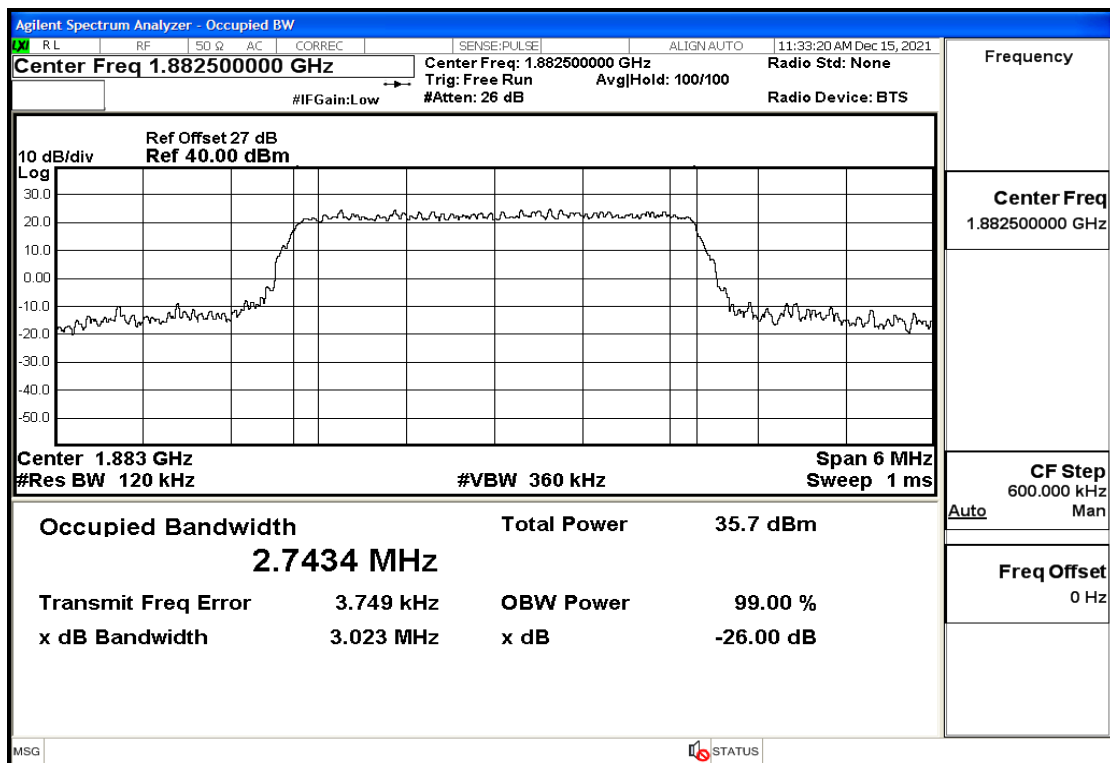
Band25-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



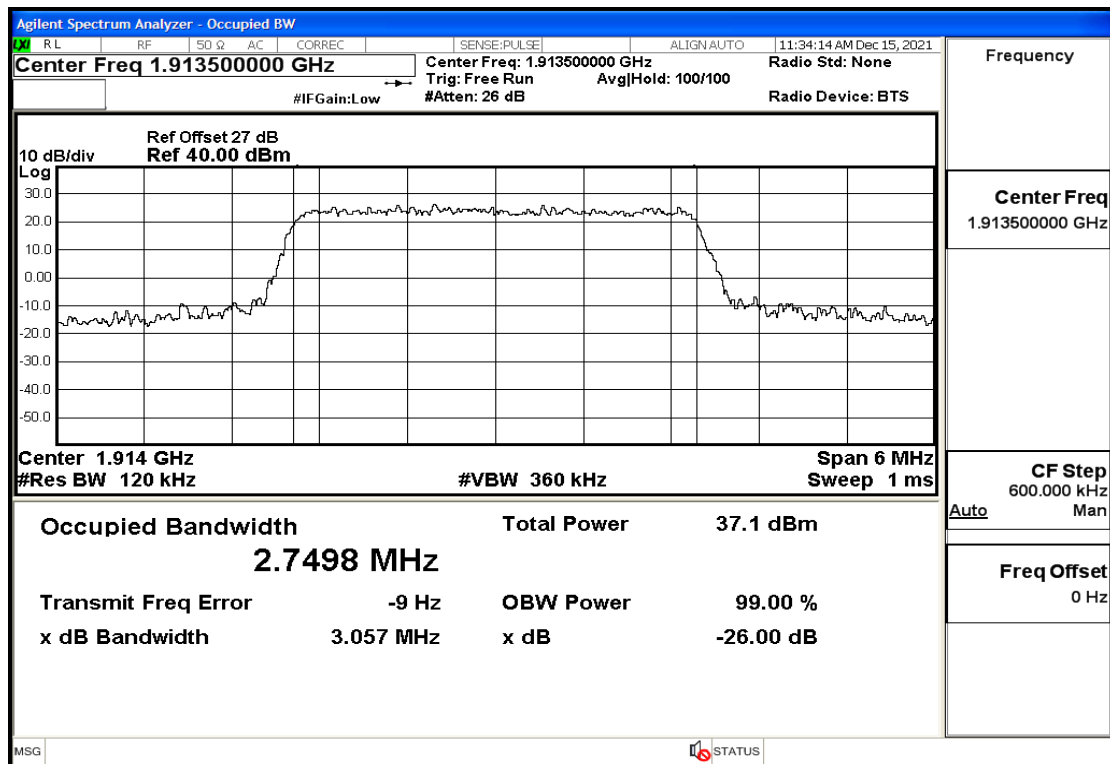
Band25-3-1882.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



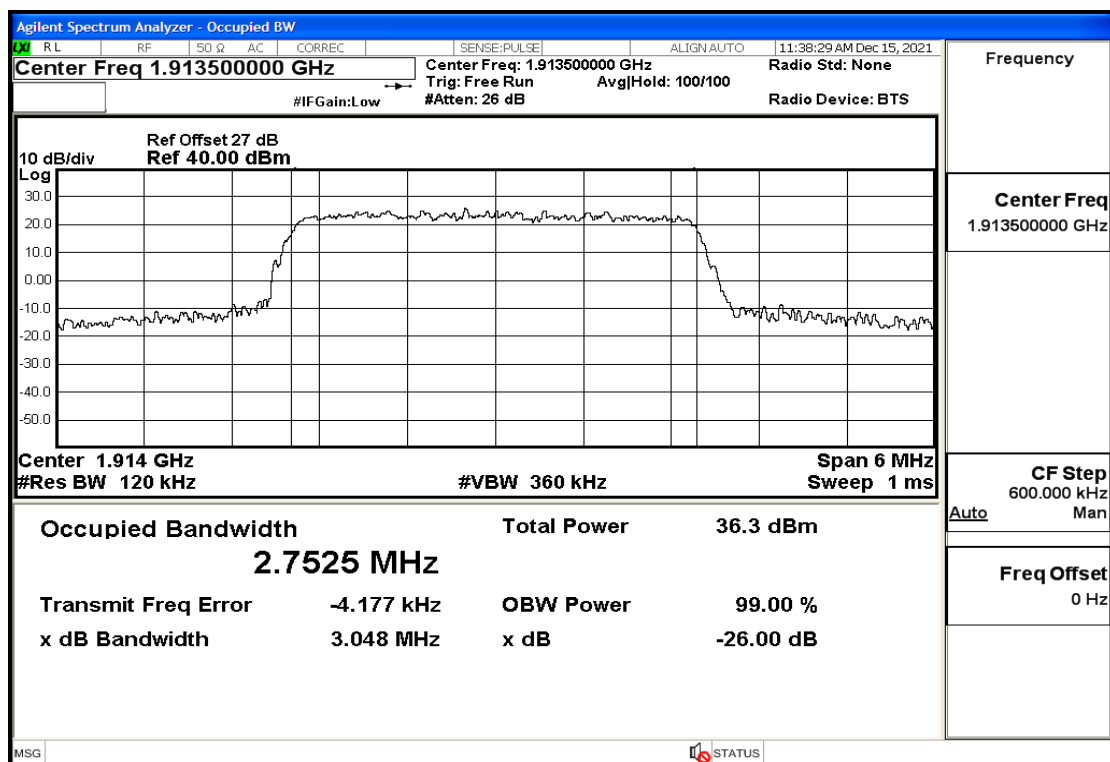
Band25-3-1882.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



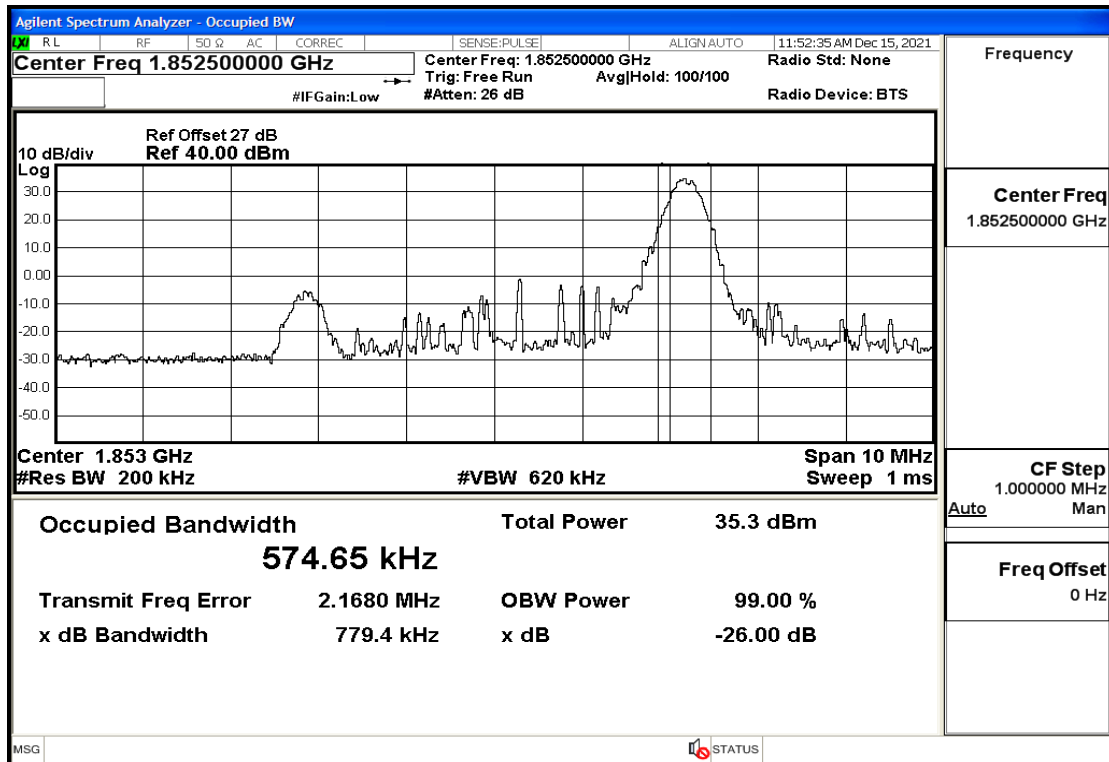
Band25-3-1913.5-QPSK-15#LOW@26dB and 99PCT Bandwidth



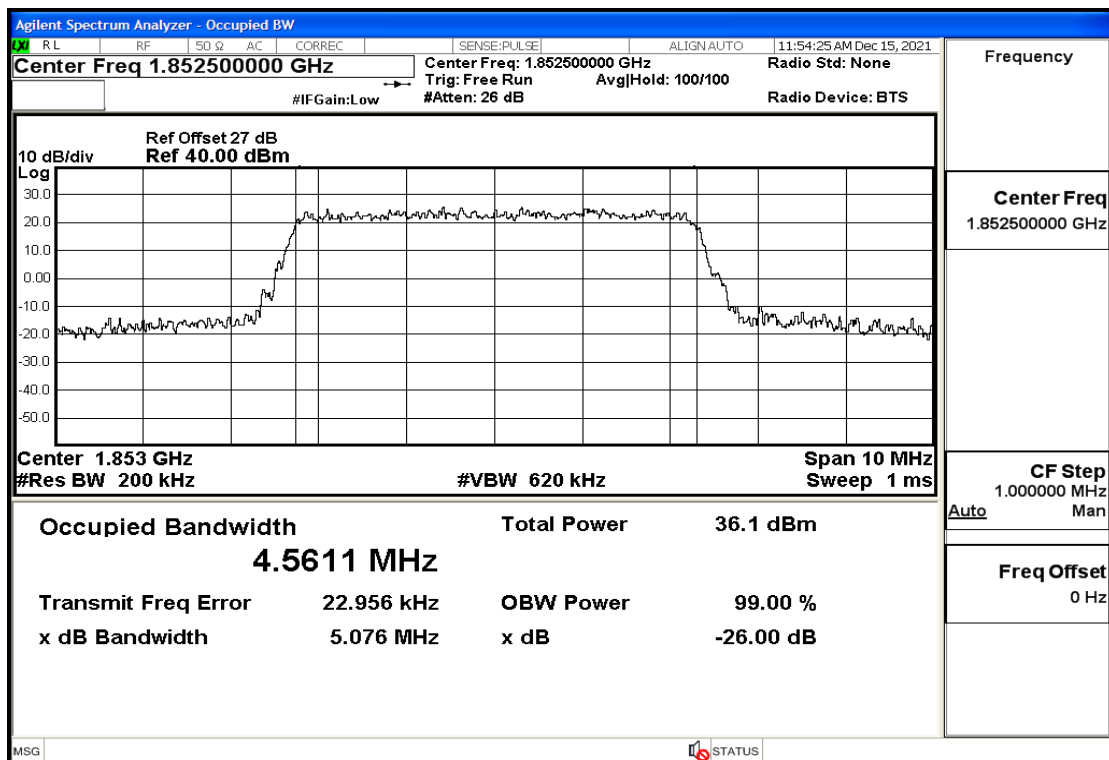
Band25-3-1913.5-16QAM-15#LOW@26dB and 99PCT Bandwidth



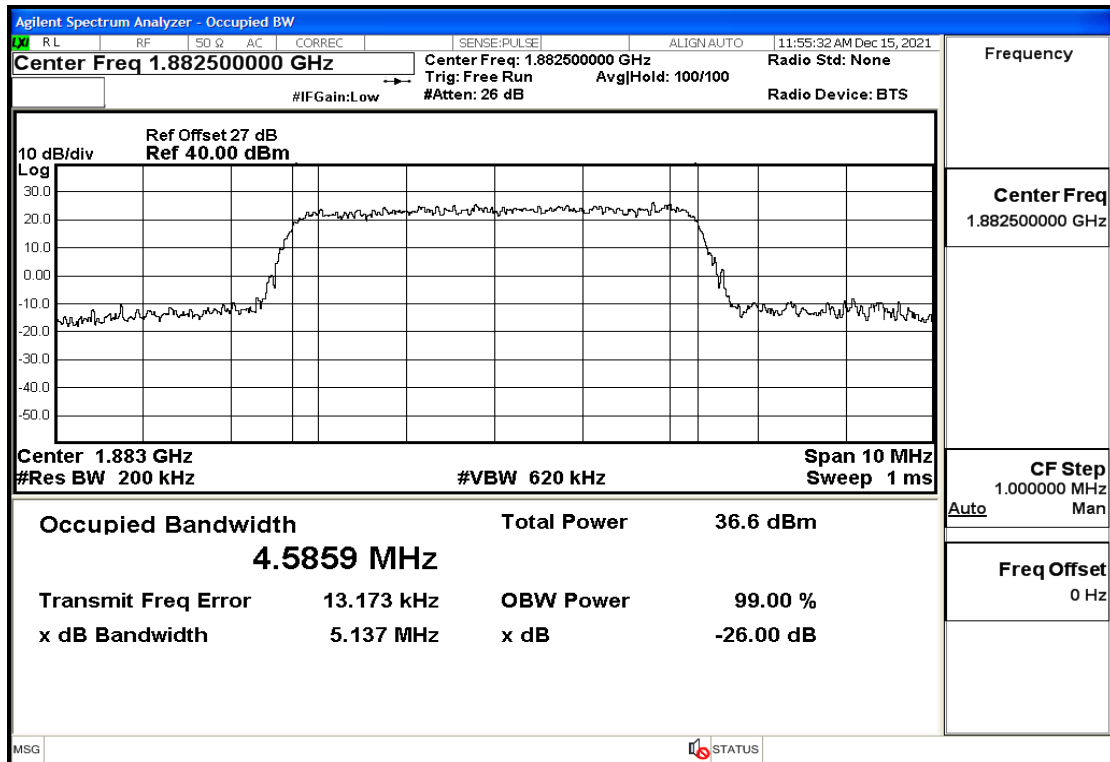
Band25-5-1852.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



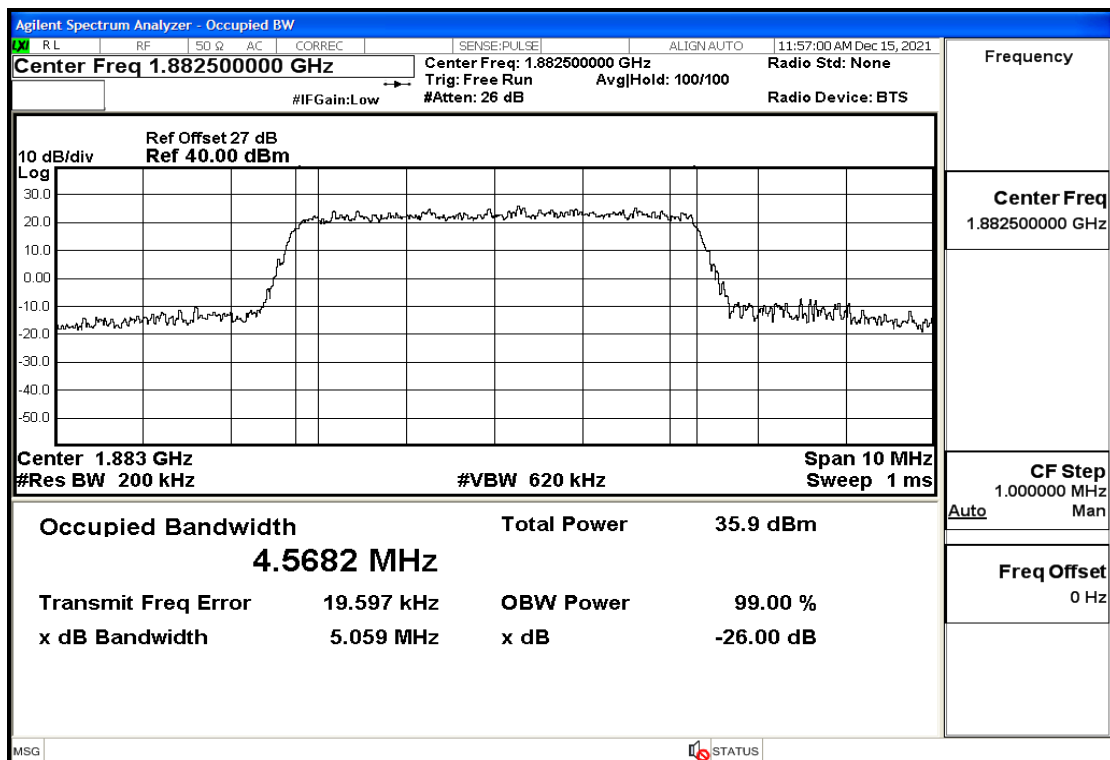
Band25-5-1852.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



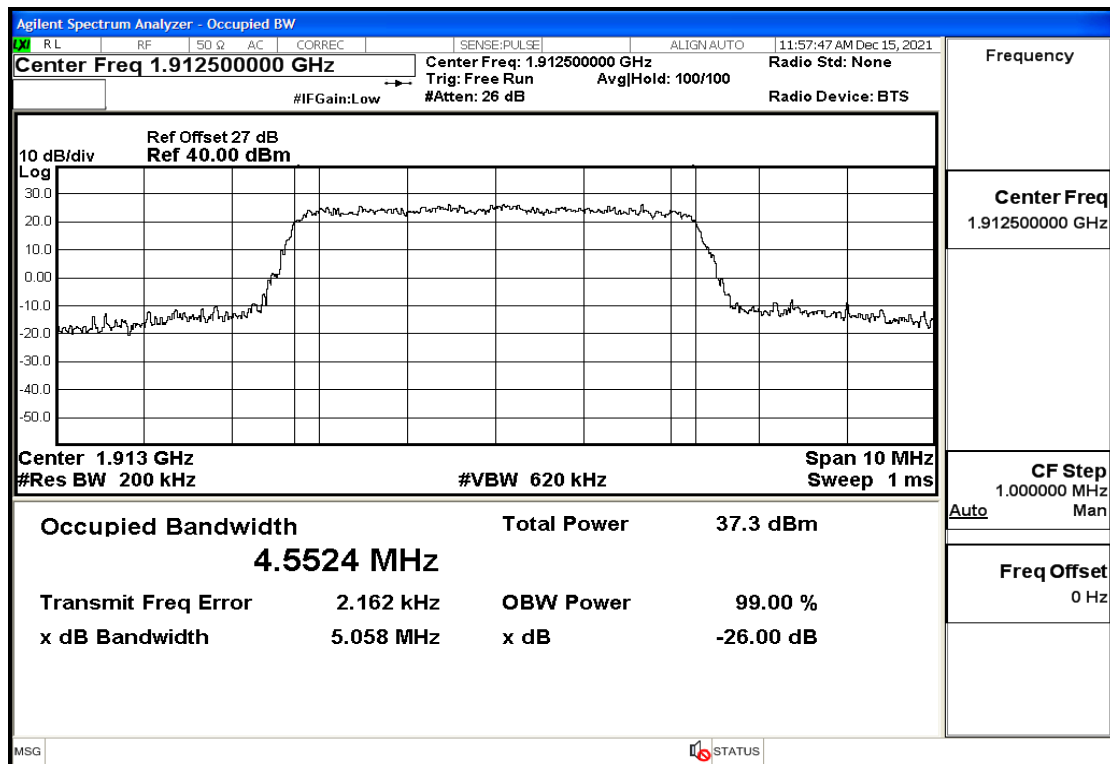
Band25-5-1882.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



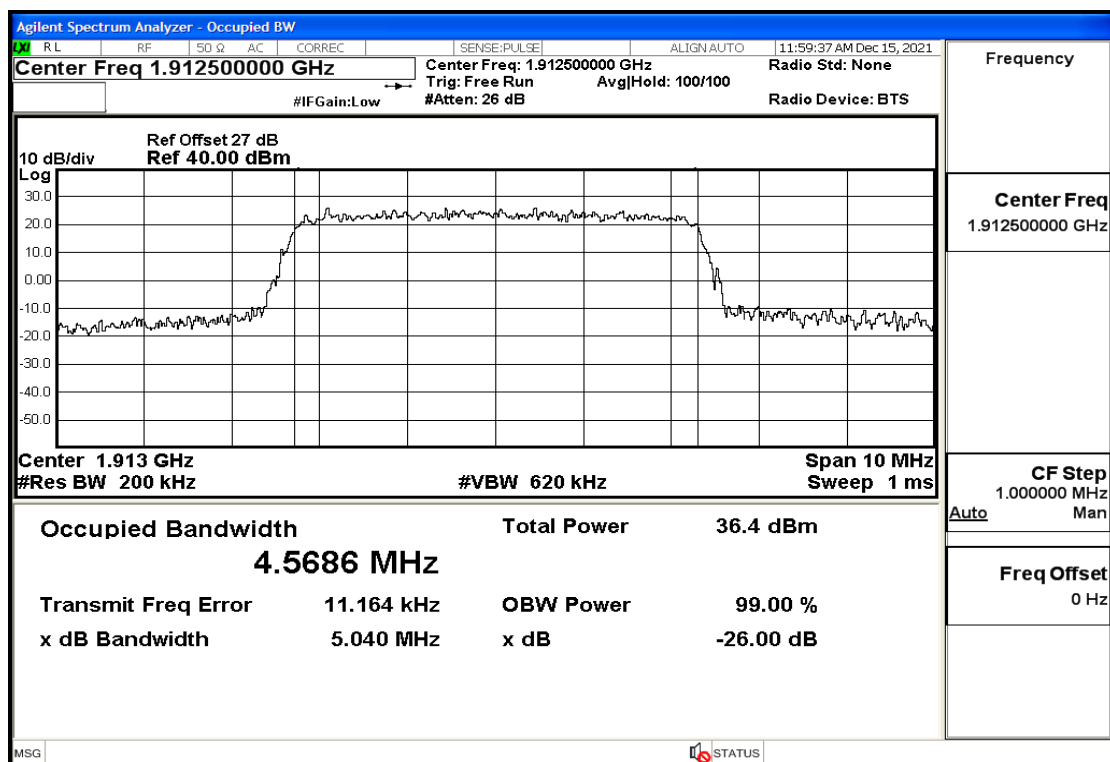
Band25-5-1882.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



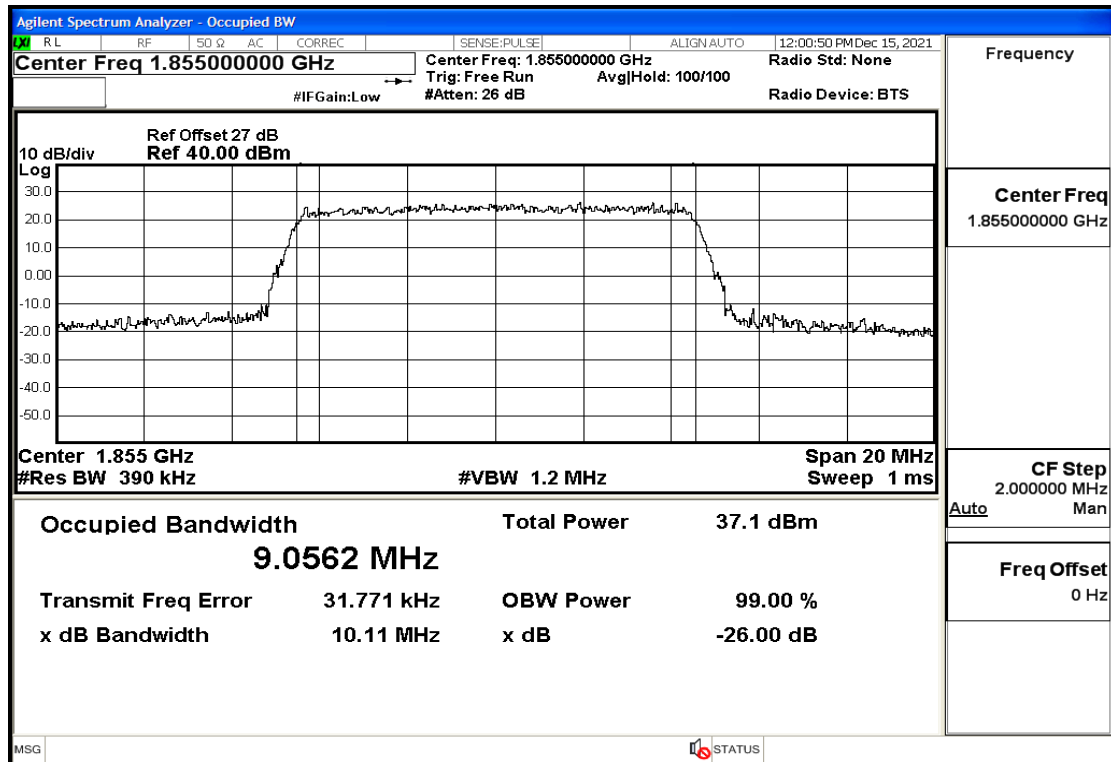
Band25-5-1912.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



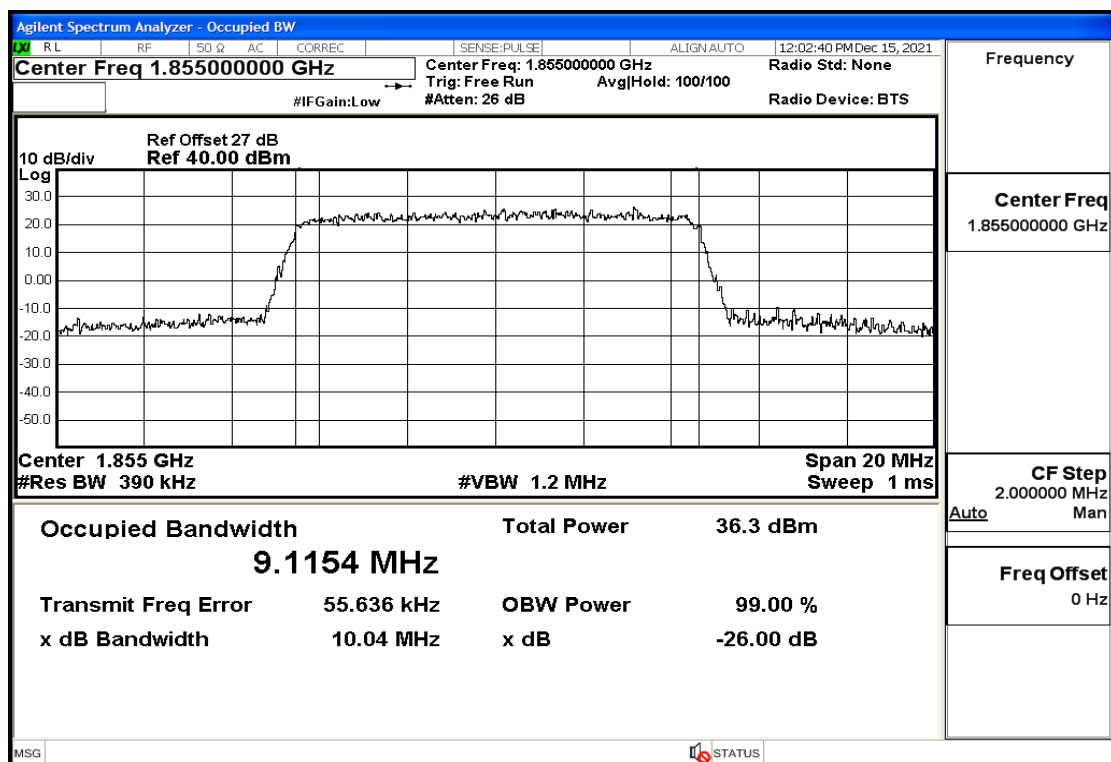
Band25-5-1912.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



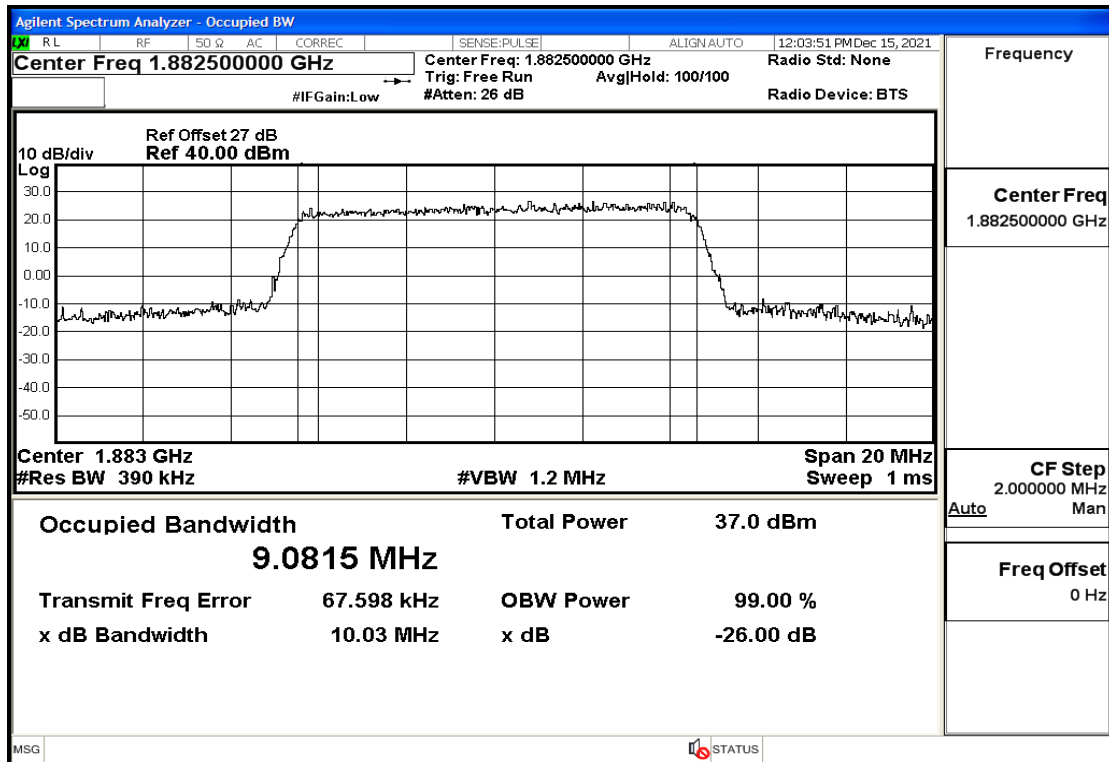
Band25-10-1855-QPSK-50#LOW@26dB and 99PCT Bandwidth



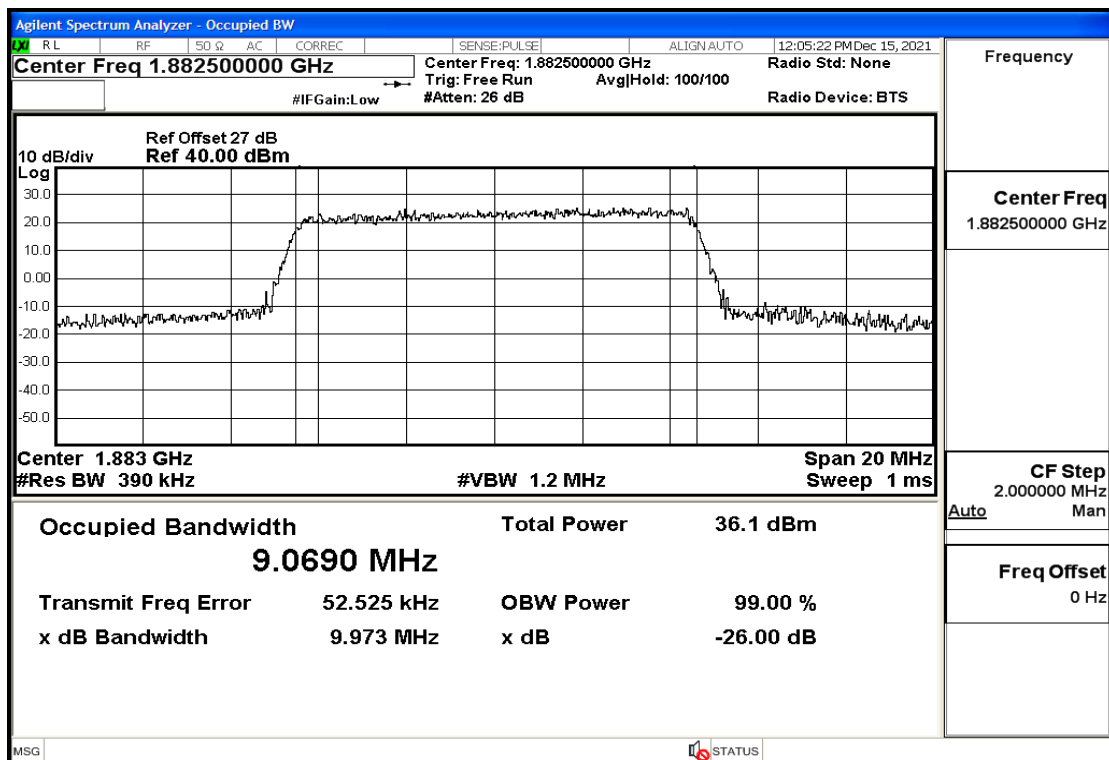
Band25-10-1855-16QAM-50#LOW@26dB and 99PCT Bandwidth



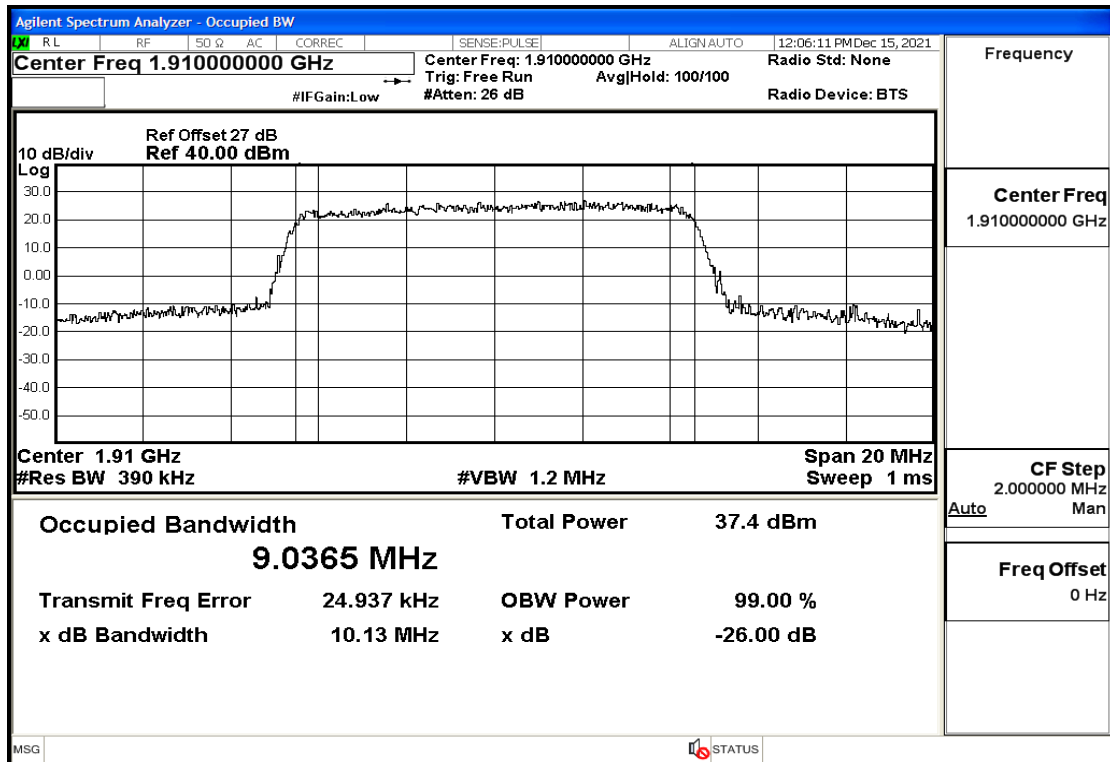
Band25-10-1882.5-QPSK-50#LOW@26dB and 99PCT Bandwidth



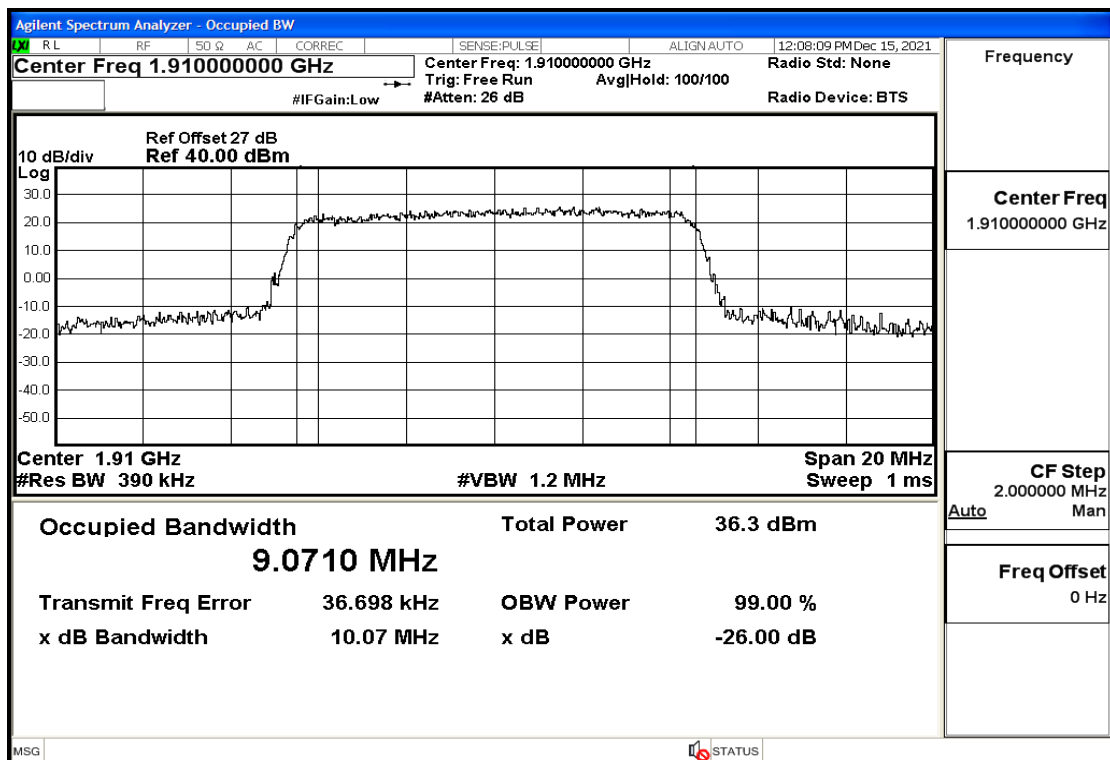
Band25-10-1882.5-16QAM-50#LOW@26dB and 99PCT Bandwidth



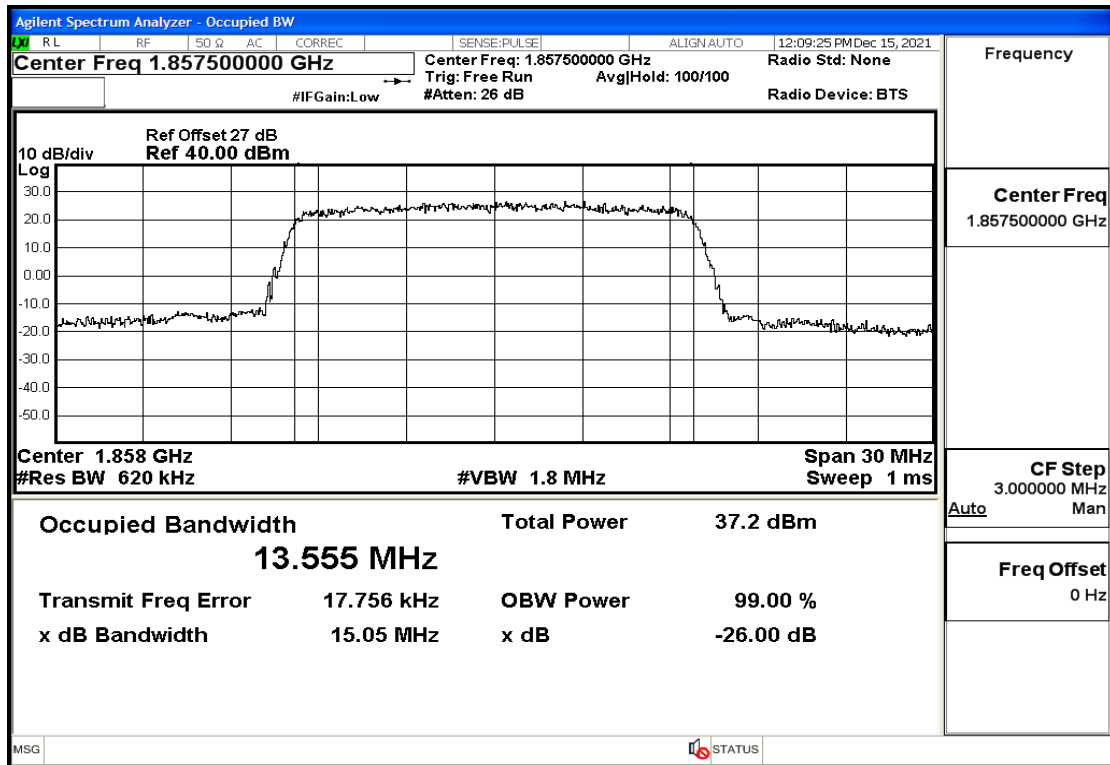
Band25-10-1910-QPSK-50#LOW@26dB and 99PCT Bandwidth



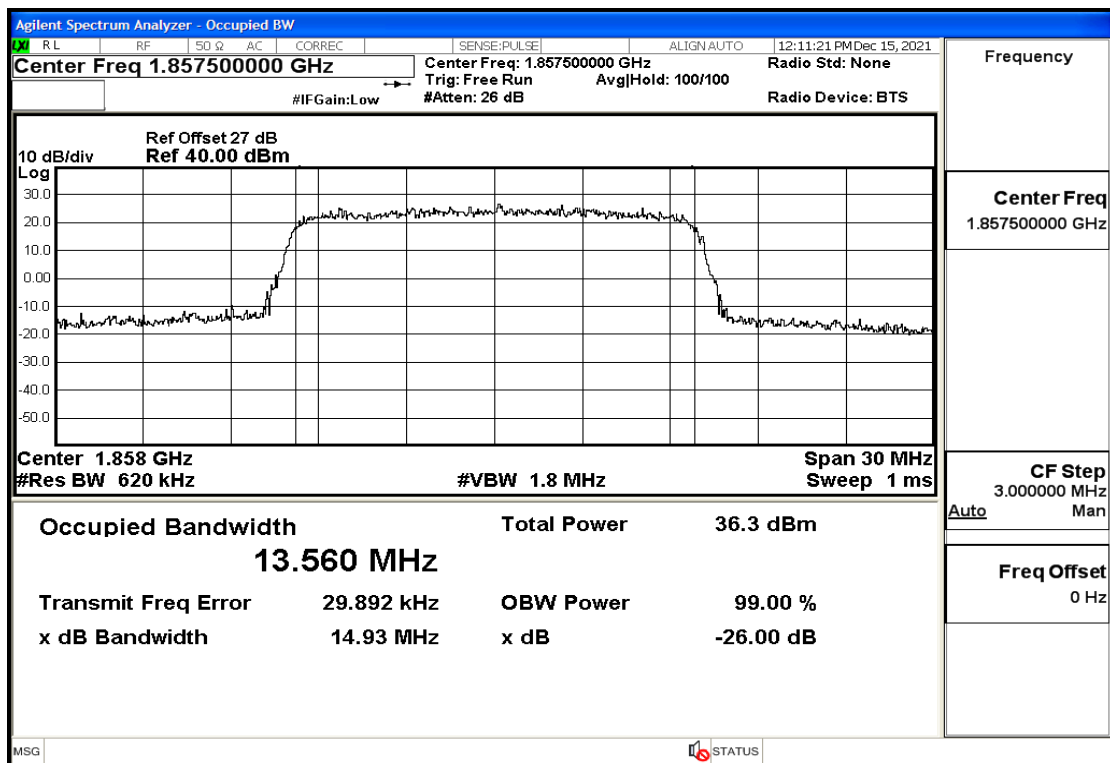
Band25-10-1910-16QAM-50#LOW@26dB and 99PCT Bandwidth



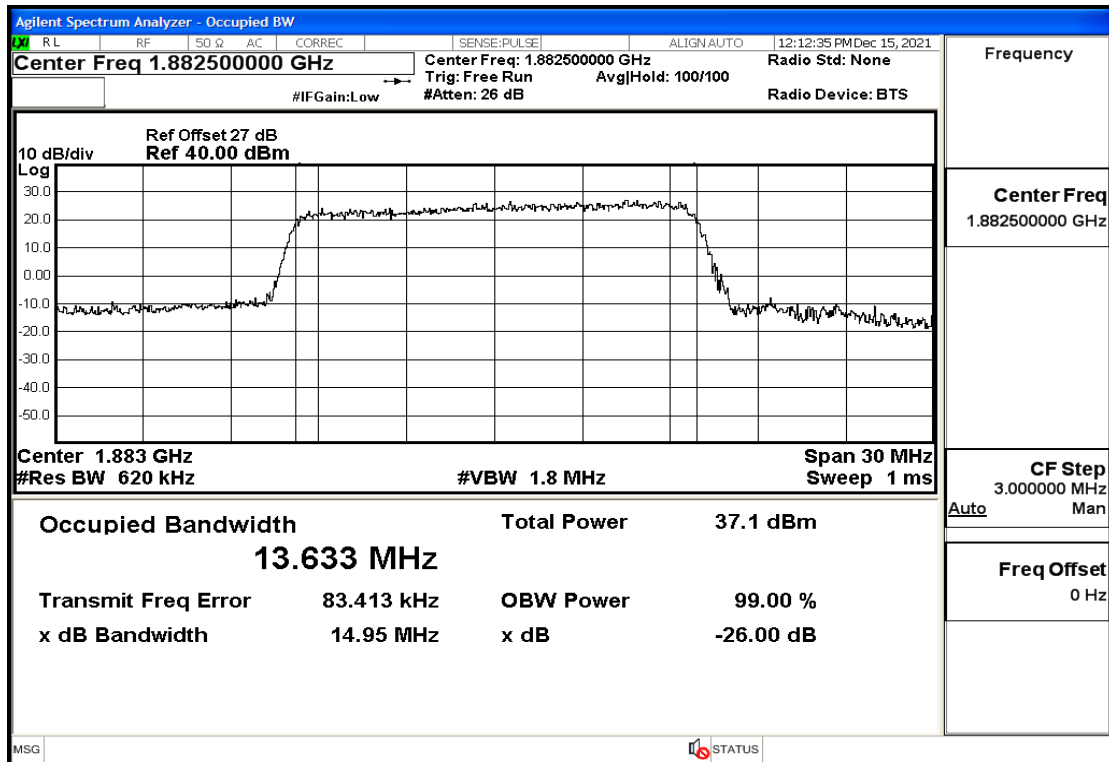
Band25-15-1857.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



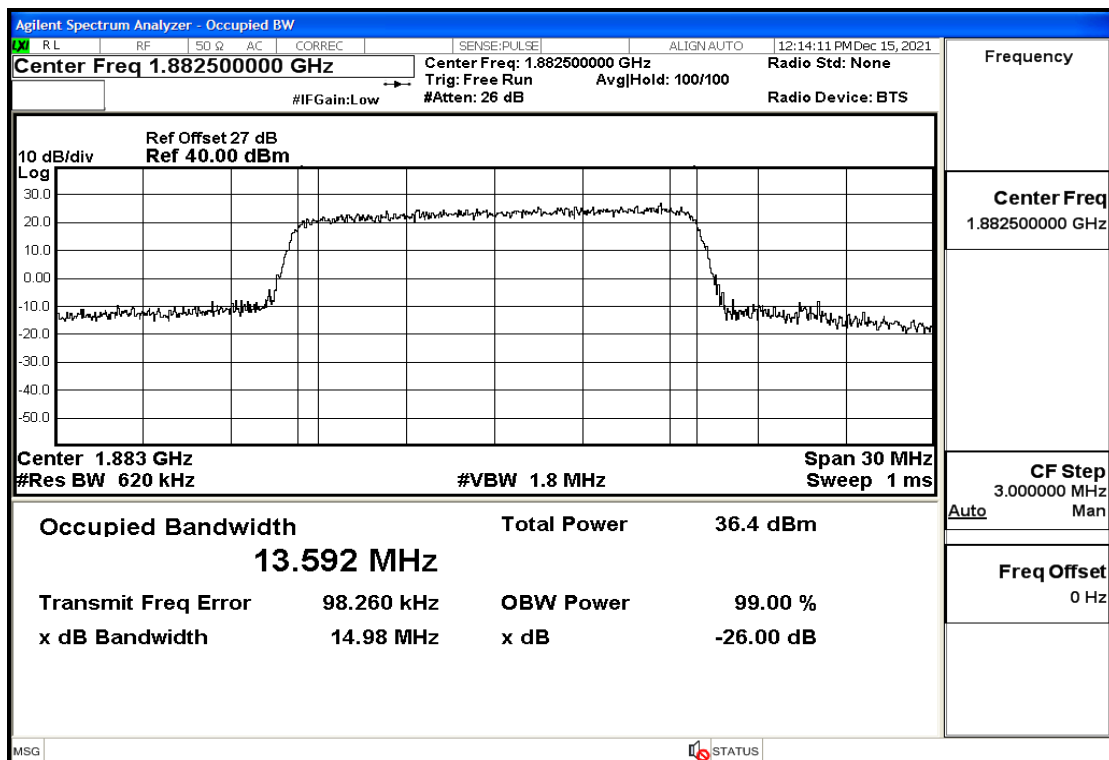
Band25-15-1857.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



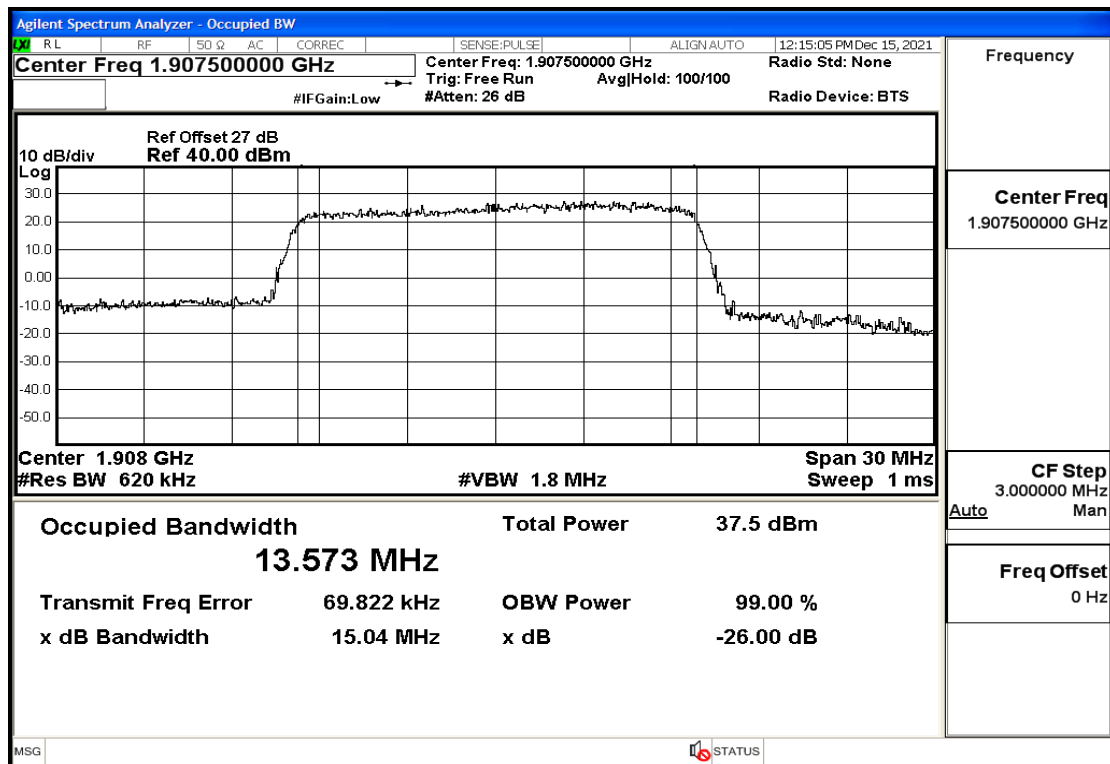
Band25-15-1882.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



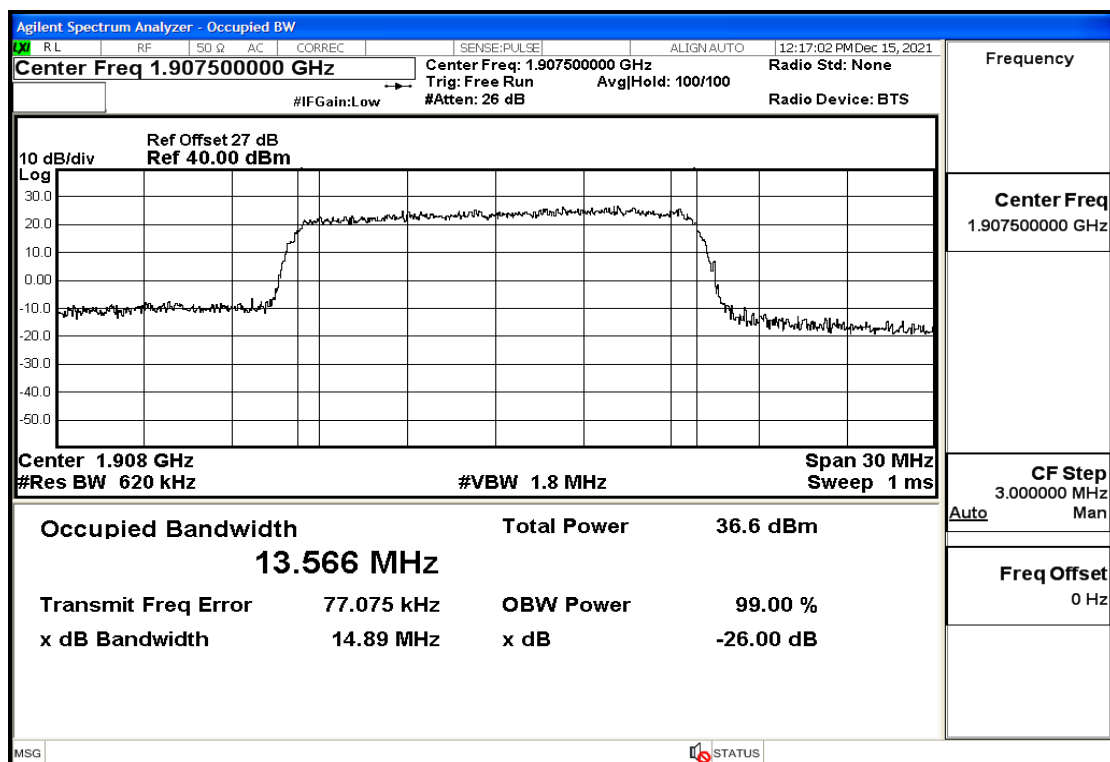
Band25-15-1882.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



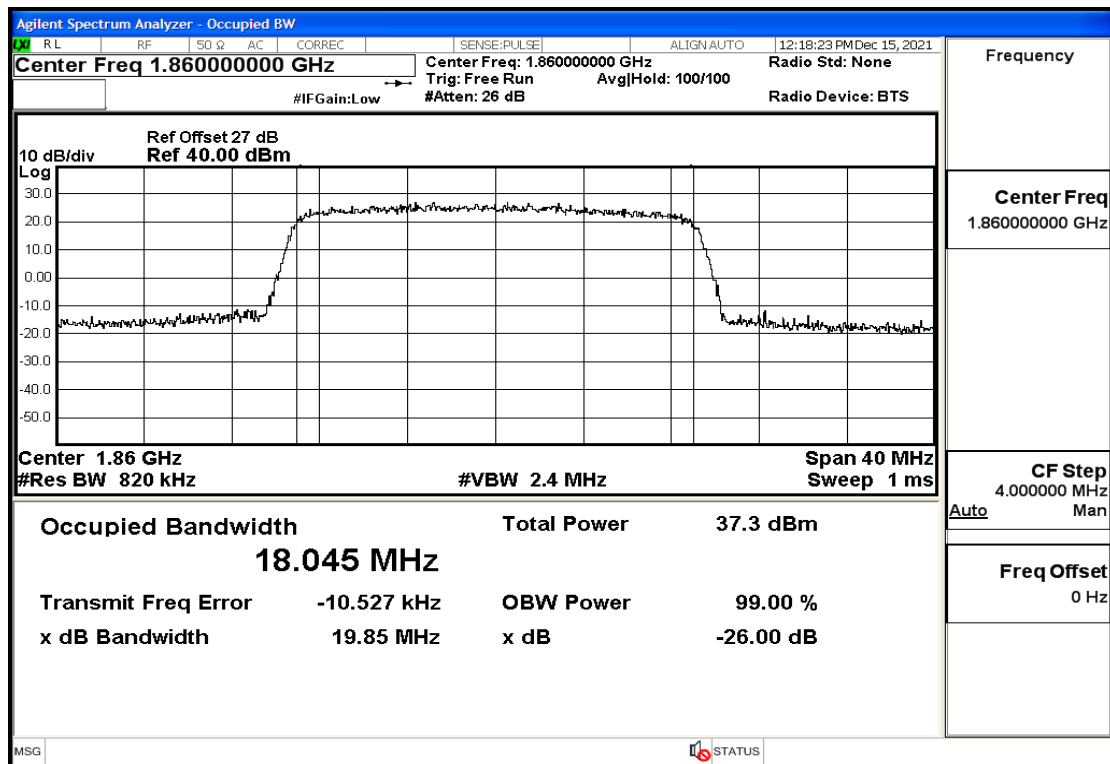
Band25-15-1907.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



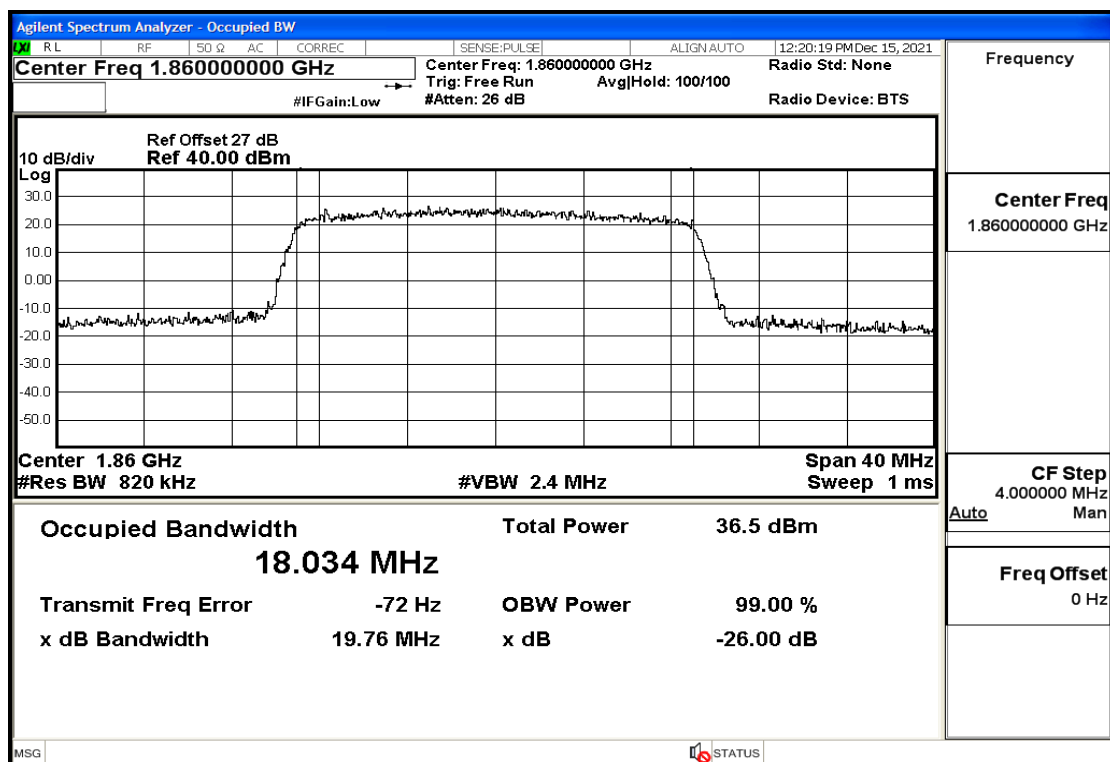
Band25-15-1907.5-16QAM-75#LOW@26dB and 99PCT Bandwidth



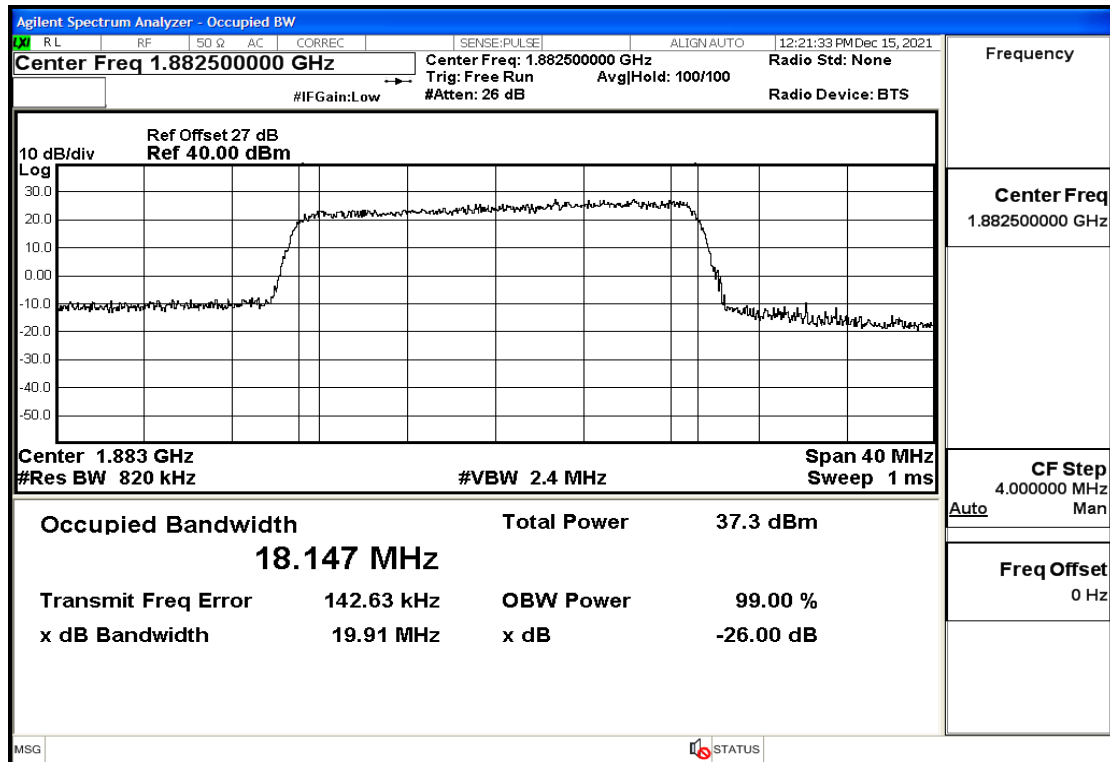
Band25-20-1860-QPSK-100#LOW@26dB and 99PCT Bandwidth



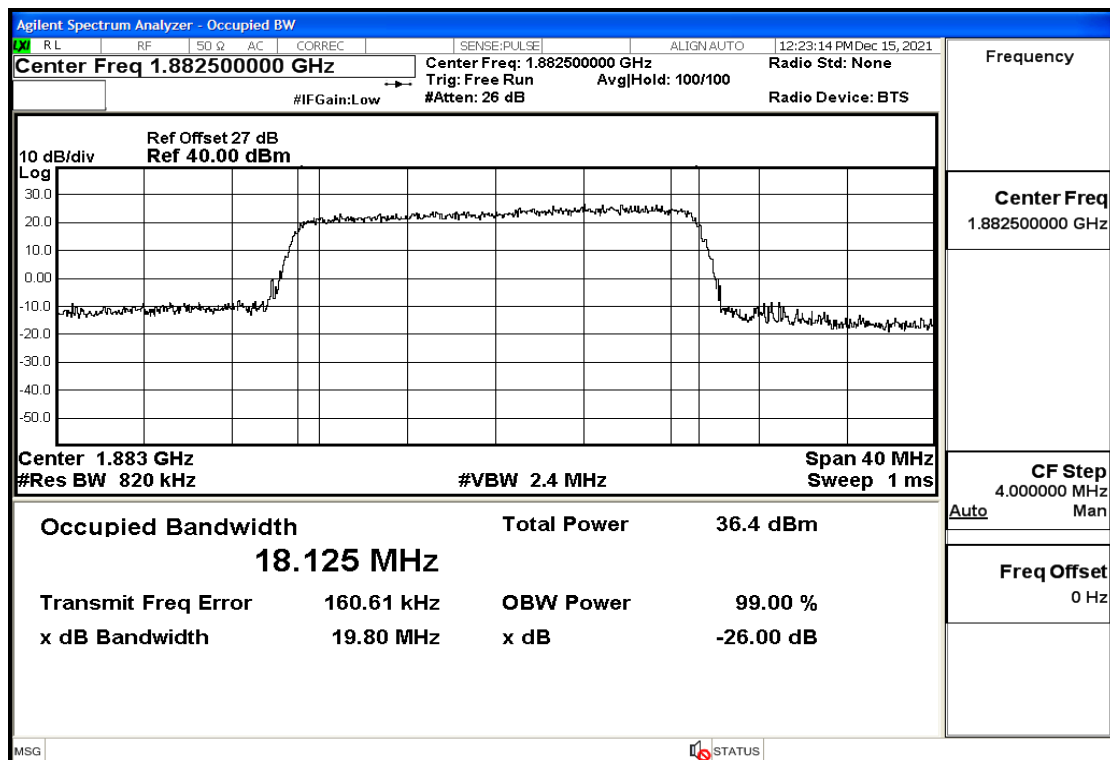
Band25-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth



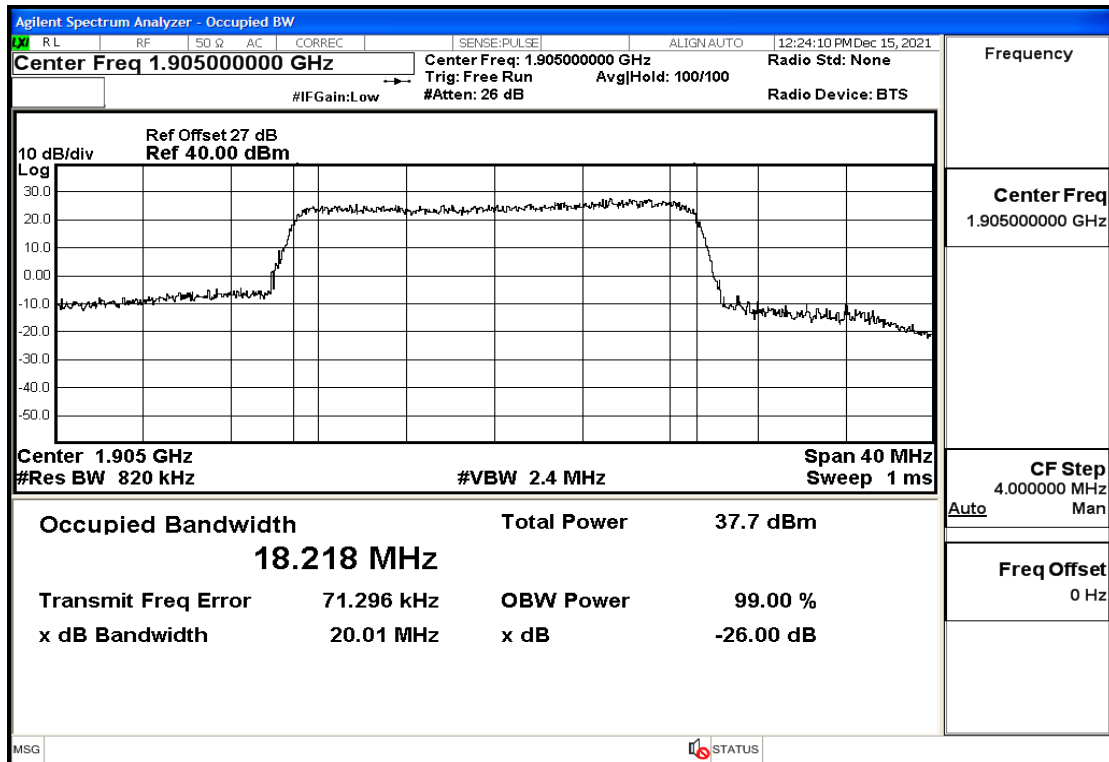
Band25-20-1882.5-QPSK-100#LOW@26dB and 99PCT Bandwidth



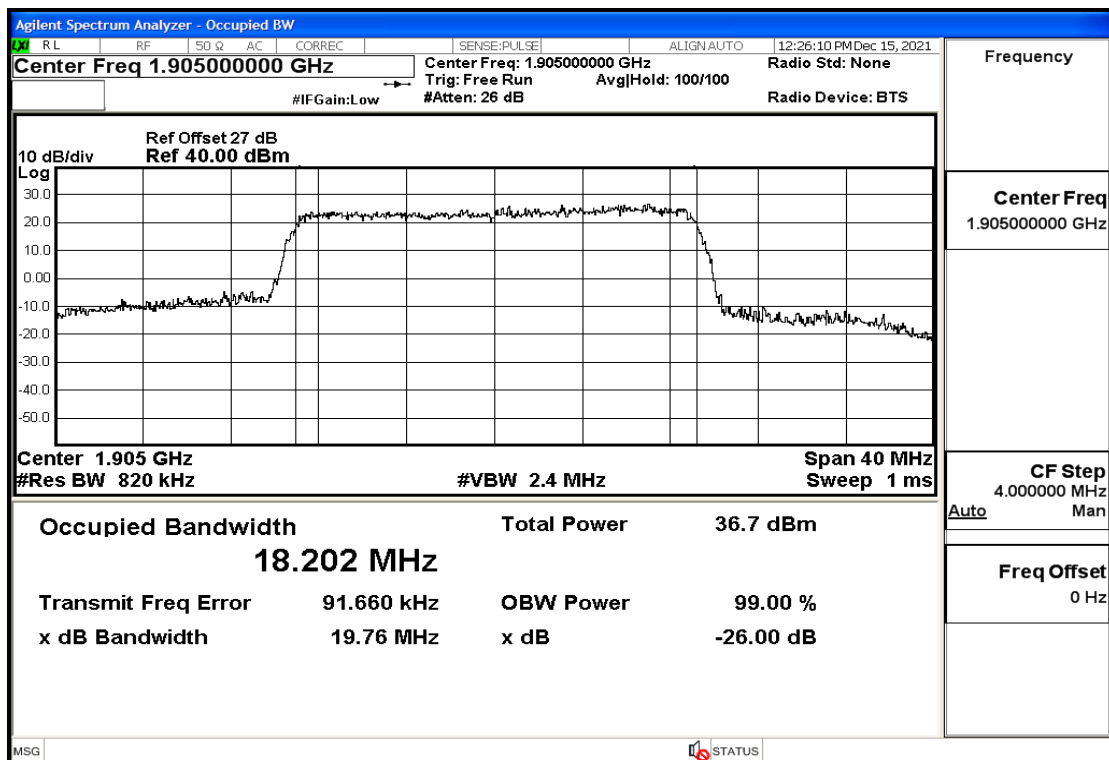
Band25-20-1882.5-16QAM-100#LOW@26dB and 99PCT Bandwidth



Band25-20-1905-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band25-20-1905-16QAM-100#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0573	PASS
40	Normal Voltage	0.0330	
30	Normal Voltage	0.0167	
20(Ref.)	Normal Voltage	0.0281	
10	Normal Voltage	0.0583	
0	Normal Voltage	0.0162	
-10	Normal Voltage	0.0403	
-20	Normal Voltage	0.0357	
-30	Normal Voltage	0.0195	
20	Maximum Voltage	0.0163	
20	Normal Voltage	0.0248	
20	Battery End Point	0.0572	

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/ELRP(dBm)	Limit(dBm)	Conclusion
Band 25	1.4	1850.7	QPSK	6	LOW	21.26	27.57	6.31	13	0.9	22.16	33	Pass
Band 25	1.4	1850.7	QPSK	3	LOW	22.31	28.61	6.3	13	0.9	23.21	33	Pass
Band 25	1.4	1850.7	QPSK	3	MID	22.37	28.7	6.33	13	0.9	23.27	33	Pass
Band 25	1.4	1850.7	QPSK	3	HIGH	22.26	28.29	6.03	13	0.9	23.16	33	Pass
Band 25	1.4	1850.7	QPSK	1	LOW	22.35	28.02	5.67	13	0.9	23.25	33	Pass
Band 25	1.4	1850.7	QPSK	1	MID	22.61	27.94	5.33	13	0.9	23.51	33	Pass
Band 25	1.4	1850.7	QPSK	1	HIGH	22.25	27.64	5.39	13	0.9	23.15	33	Pass
Band 25	1.4	1850.7	16QAM	6	LOW	20.22	27.86	7.64	13	0.9	21.12	33	Pass
Band 25	1.4	1850.7	16QAM	3	LOW	21.35	28.49	7.14	13	0.9	22.25	33	Pass
Band 25	1.4	1850.7	16QAM	3	MID	21.33	28.4	7.07	13	0.9	22.23	33	Pass
Band 25	1.4	1850.7	16QAM	3	HIGH	21.31	28.28	6.97	13	0.9	22.21	33	Pass
Band 25	1.4	1850.7	16QAM	1	LOW	21.62	27.06	5.44	13	0.9	22.52	33	Pass
Band 25	1.4	1850.7	16QAM	1	MID	21.66	27.1	5.44	13	0.9	22.56	33	Pass
Band 25	1.4	1850.7	16QAM	1	HIGH	21.56	26.84	5.28	13	0.9	22.46	33	Pass
Band 25	1.4	1882.5	QPSK	6	LOW	21.14	26.8	5.66	13	0.9	22.04	33	Pass
Band 25	1.4	1882.5	QPSK	3	LOW	22.32	28.45	6.13	13	0.9	23.22	33	Pass
Band 25	1.4	1882.5	QPSK	3	MID	22.28	28.31	6.03	13	0.9	23.18	33	Pass
Band 25	1.4	1882.5	QPSK	3	HIGH	22.26	28.01	5.75	13	0.9	23.16	33	Pass
Band 25	1.4	1882.5	QPSK	1	LOW	22.41	28.33	5.92	13	0.9	23.31	33	Pass

Band 25	1.4	1882.5	QPSK	1	MID	22.39	27.92	5.53	13	0.9	23.29	33	Pass
Band 25	1.4	1882.5	QPSK	1	HIGH	22.51	28.25	5.74	13	0.9	23.41	33	Pass
Band 25	1.4	1882.5	16QAM	6	LOW	20.22	27.29	7.07	13	0.9	21.12	33	Pass
Band 25	1.4	1882.5	16QAM	3	LOW	21.39	27.41	6.02	13	0.9	22.29	33	Pass
Band 25	1.4	1882.5	16QAM	3	MID	21.38	27.43	6.05	13	0.9	22.28	33	Pass
Band 25	1.4	1882.5	16QAM	3	HIGH	21.28	27.28	6	13	0.9	22.18	33	Pass
Band 25	1.4	1882.5	16QAM	1	LOW	21.05	27.17	6.12	13	0.9	21.95	33	Pass
Band 25	1.4	1882.5	16QAM	1	MID	21.04	26.83	5.79	13	0.9	21.94	33	Pass
Band 25	1.4	1882.5	16QAM	1	HIGH	21.14	27.07	5.93	13	0.9	22.04	33	Pass
Band 25	1.4	1914.3	QPSK	6	LOW	21.39	27.63	6.24	13	0.9	22.29	33	Pass
Band 25	1.4	1914.3	QPSK	3	LOW	22.53	28.14	5.61	13	0.9	23.43	33	Pass
Band 25	1.4	1914.3	QPSK	3	MID	22.52	28.19	5.67	13	0.9	23.42	33	Pass
Band 25	1.4	1914.3	QPSK	3	HIGH	22.35	28.12	5.77	13	0.9	23.25	33	Pass
Band 25	1.4	1914.3	QPSK	1	LOW	22.59	28.13	5.54	13	0.9	23.49	33	Pass
Band 25	1.4	1914.3	QPSK	1	MID	22.43	27.74	5.31	13	0.9	23.33	33	Pass
Band 25	1.4	1914.3	QPSK	1	HIGH	22.36	27.88	5.52	13	0.9	23.26	33	Pass
Band 25	1.4	1914.3	16QAM	6	LOW	20.17	27.12	6.95	13	0.9	21.07	33	Pass
Band 25	1.4	1914.3	16QAM	3	LOW	22.14	28.99	6.85	13	0.9	23.04	33	Pass
Band 25	1.4	1914.3	16QAM	3	MID	22.1	28.95	6.85	13	0.9	23	33	Pass
Band 25	1.4	1914.3	16QAM	3	HIGH	21.45	28.47	7.02	13	0.9	22.35	33	Pass
Band 25	1.4	1914.3	16QAM	1	LOW	21.72	27.21	5.49	13	0.9	22.62	33	Pass
Band 25	1.4	1914.3	16QAM	1	MID	21.65	27.07	5.42	13	0.9	22.55	33	Pass
Band 25	1.4	1914.3	16QAM	1	HIGH	21.37	26.81	5.44	13	0.9	22.27	33	Pass

Band 25	3	1851.5	QPSK	15	LOW	21.41	26.76	5.35	13	0.9	22.31	33	Pass
Band 25	3	1851.5	QPSK	8	LOW	21.31	27.55	6.24	13	0.9	22.21	33	Pass
Band 25	3	1851.5	QPSK	8	MID	21.33	27.56	6.23	13	0.9	22.23	33	Pass
Band 25	3	1851.5	QPSK	8	HIGH	21.31	27.46	6.15	13	0.9	22.21	33	Pass
Band 25	3	1851.5	QPSK	1	LOW	22.39	27.83	5.44	13	0.9	23.29	33	Pass
Band 25	3	1851.5	QPSK	1	MID	22.3	27.64	5.34	13	0.9	23.2	33	Pass
Band 25	3	1851.5	QPSK	1	HIGH	22.42	27.68	5.26	13	0.9	23.32	33	Pass
Band 25	3	1851.5	16QAM	15	LOW	20.33	27.46	7.13	13	0.9	21.23	33	Pass
Band 25	3	1851.5	16QAM	8	LOW	20.52	27.43	6.91	13	0.9	21.42	33	Pass
Band 25	3	1851.5	16QAM	8	MID	20.53	27.46	6.93	13	0.9	21.43	33	Pass
Band 25	3	1851.5	16QAM	8	HIGH	20.5	27.55	7.05	13	0.9	21.4	33	Pass
Band 25	3	1851.5	16QAM	1	LOW	21.85	28.6	6.75	13	0.9	22.75	33	Pass
Band 25	3	1851.5	16QAM	1	MID	21.96	28.45	6.49	13	0.9	22.86	33	Pass
Band 25	3	1851.5	16QAM	1	HIGH	21.99	28.54	6.55	13	0.9	22.89	33	Pass
Band 25	3	1882.5	QPSK	15	LOW	21.1	27.03	5.93	13	0.9	22	33	Pass
Band 25	3	1882.5	QPSK	8	LOW	21.23	27.18	5.95	13	0.9	22.13	33	Pass
Band 25	3	1882.5	QPSK	8	MID	21.28	27.22	5.94	13	0.9	22.18	33	Pass
Band 25	3	1882.5	QPSK	8	HIGH	21.35	27.37	6.02	13	0.9	22.25	33	Pass
Band 25	3	1882.5	QPSK	1	LOW	22.1	27.64	5.54	13	0.9	23	33	Pass
Band 25	3	1882.5	QPSK	1	MID	22.2	27.5	5.3	13	0.9	23.1	33	Pass
Band 25	3	1882.5	QPSK	1	HIGH	22.17	27.6	5.43	13	0.9	23.07	33	Pass
Band 25	3	1882.5	16QAM	15	LOW	20.13	27.37	7.24	13	0.9	21.03	33	Pass
Band 25	3	1882.5	16QAM	8	LOW	20.18	26.56	6.38	13	0.9	21.08	33	Pass

Band 25	3	1882.5	16QA M	8	MID	20.17	26.42	6.25	13	0.9	21.07	33	Pass
Band 25	3	1882.5	16QA M	8	HIGH	20.18	26.42	6.24	13	0.9	21.08	33	Pass
Band 25	3	1882.5	16QA M	1	LOW	21.92	26.93	5.01	13	0.9	22.82	33	Pass
Band 25	3	1882.5	16QA M	1	MID	22.45	27.05	4.6	13	0.9	23.35	33	Pass
Band 25	3	1882.5	16QA M	1	HIGH	22.38	27.34	4.96	13	0.9	23.28	33	Pass
Band 25	3	1913.5	QPSK	15	LOW	21.4	27.77	6.37	13	0.9	22.3	33	Pass
Band 25	3	1913.5	QPSK	8	LOW	21.55	27.88	6.33	13	0.9	22.45	33	Pass
Band 25	3	1913.5	QPSK	8	MID	21.56	27.87	6.31	13	0.9	22.46	33	Pass
Band 25	3	1913.5	QPSK	8	HIGH	21.48	28.02	6.54	13	0.9	22.38	33	Pass
Band 25	3	1913.5	QPSK	1	LOW	22.95	28.24	5.29	13	0.9	23.85	33	Pass
Band 25	3	1913.5	QPSK	1	MID	22.85	27.94	5.09	13	0.9	23.75	33	Pass
Band 25	3	1913.5	QPSK	1	HIGH	22.42	27.78	5.36	13	0.9	23.32	33	Pass
Band 25	3	1913.5	16QA M	15	LOW	20.62	28.03	7.41	13	0.9	21.52	33	Pass
Band 25	3	1913.5	16QA M	8	LOW	20.78	27.49	6.71	13	0.9	21.68	33	Pass
Band 25	3	1913.5	16QA M	8	MID	20.78	27.47	6.69	13	0.9	21.68	33	Pass
Band 25	3	1913.5	16QA M	8	HIGH	20.71	27.31	6.6	13	0.9	21.61	33	Pass
Band 25	3	1913.5	16QA M	1	LOW	22.22	27.53	5.31	13	0.9	23.12	33	Pass
Band 25	3	1913.5	16QA M	1	MID	21.54	26.87	5.33	13	0.9	22.44	33	Pass
Band 25	3	1913.5	16QA M	1	HIGH	21.76	27.14	5.38	13	0.9	22.66	33	Pass
Band 25	5	1852.5	QPSK	25	LOW	21.02	27.93	6.91	13	0.9	21.92	33	Pass
Band 25	5	1852.5	QPSK	12	LOW	21.37	27.47	6.1	13	0.9	22.27	33	Pass
Band 25	5	1852.5	QPSK	12	MID	21.35	27.42	6.07	13	0.9	22.25	33	Pass
Band 25	5	1852.5	QPSK	12	HIGH	21.34	27.57	6.23	13	0.9	22.24	33	Pass

Band 25	5	1852.5	QPSK	1	LOW	22.18	28.05	5.87	13	0.9	23.08	33	Pass
Band 25	5	1852.5	QPSK	1	MID	22.35	28.13	5.78	13	0.9	23.25	33	Pass
Band 25	5	1852.5	QPSK	1	HIGH	22.26	28.17	5.91	13	0.9	23.16	33	Pass
Band 25	5	1852.5	16QAM	25	LOW	20.42	27.5	7.08	13	0.9	21.32	33	Pass
Band 25	5	1852.5	16QAM	12	LOW	20.22	27.54	7.32	13	0.9	21.12	33	Pass
Band 25	5	1852.5	16QAM	12	MID	20.23	27.52	7.29	13	0.9	21.13	33	Pass
Band 25	5	1852.5	16QAM	12	HIGH	20.4	27.48	7.08	13	0.9	21.3	33	Pass
Band 25	5	1852.5	16QAM	1	LOW	20.13	27.24	7.11	13	0.9	21.03	33	Pass
Band 25	5	1852.5	16QAM	1	MID	21.5	28.07	6.57	13	0.9	22.4	33	Pass
Band 25	5	1852.5	16QAM	1	HIGH	21.36	28.22	6.86	13	0.9	22.26	33	Pass
Band 25	5	1882.5	QPSK	25	LOW	21.19	27.52	6.33	13	0.9	22.09	33	Pass
Band 25	5	1882.5	QPSK	12	LOW	21.2	27.08	5.88	13	0.9	22.1	33	Pass
Band 25	5	1882.5	QPSK	12	MID	21.17	27.07	5.9	13	0.9	22.07	33	Pass
Band 25	5	1882.5	QPSK	12	HIGH	21.24	27.31	6.07	13	0.9	22.14	33	Pass
Band 25	5	1882.5	QPSK	1	LOW	22	28.24	6.24	13	0.9	22.9	33	Pass
Band 25	5	1882.5	QPSK	1	MID	22.1	28.06	5.96	13	0.9	23	33	Pass
Band 25	5	1882.5	QPSK	1	HIGH	22.02	28.22	6.2	13	0.9	22.92	33	Pass
Band 25	5	1882.5	16QAM	25	LOW	20.19	27.99	7.8	13	0.9	21.09	33	Pass
Band 25	5	1882.5	16QAM	12	LOW	20.21	27.36	7.15	13	0.9	21.11	33	Pass
Band 25	5	1882.5	16QAM	12	MID	20.2	27.35	7.15	13	0.9	21.1	33	Pass
Band 25	5	1882.5	16QAM	12	HIGH	20.34	27.57	7.23	13	0.9	21.24	33	Pass
Band 25	5	1882.5	16QAM	1	LOW	20.68	26.63	5.95	13	0.9	21.58	33	Pass
Band 25	5	1882.5	16QAM	1	MID	21.13	26.88	5.75	13	0.9	22.03	33	Pass

Band 25	5	1882.5	16QAM	1	HIGH	21.12	26.94	5.82	13	0.9	22.02	33	Pass
Band 25	5	1912.5	QPSK	25	LOW	21.62	28.06	6.44	13	0.9	22.52	33	Pass
Band 25	5	1912.5	QPSK	12	LOW	21.55	27.68	6.13	13	0.9	22.45	33	Pass
Band 25	5	1912.5	QPSK	12	MID	21.47	27.68	6.21	13	0.9	22.37	33	Pass
Band 25	5	1912.5	QPSK	12	HIGH	21.6	28.22	6.62	13	0.9	22.5	33	Pass
Band 25	5	1912.5	QPSK	1	LOW	22.09	27.56	5.47	13	0.9	22.99	33	Pass
Band 25	5	1912.5	QPSK	1	MID	22.34	27.67	5.33	13	0.9	23.24	33	Pass
Band 25	5	1912.5	QPSK	1	HIGH	22.27	27.8	5.53	13	0.9	23.17	33	Pass
Band 25	5	1912.5	16QAM	25	LOW	20.31	27.91	7.6	13	0.9	21.21	33	Pass
Band 25	5	1912.5	16QAM	12	LOW	20.63	27.68	7.05	13	0.9	21.53	33	Pass
Band 25	5	1912.5	16QAM	12	MID	20.65	27.72	7.07	13	0.9	21.55	33	Pass
Band 25	5	1912.5	16QAM	12	HIGH	20.76	27.66	6.9	13	0.9	21.66	33	Pass
Band 25	5	1912.5	16QAM	1	LOW	21.88	27.84	5.96	13	0.9	22.78	33	Pass
Band 25	5	1912.5	16QAM	1	MID	22.39	28.05	5.66	13	0.9	23.29	33	Pass
Band 25	5	1912.5	16QAM	1	HIGH	22.12	27.99	5.87	13	0.9	23.02	33	Pass
Band 25	10	1855	QPSK	50	LOW	21.41	27.79	6.38	13	0.9	22.31	33	Pass
Band 25	10	1855	QPSK	25	LOW	21.36	27.96	6.6	13	0.9	22.26	33	Pass
Band 25	10	1855	QPSK	25	MID	21.35	27.92	6.57	13	0.9	22.25	33	Pass
Band 25	10	1855	QPSK	25	HIGH	21.32	27.88	6.56	13	0.9	22.22	33	Pass
Band 25	10	1855	QPSK	1	LOW	22.38	27.84	5.46	13	0.9	23.28	33	Pass
Band 25	10	1855	QPSK	1	MID	22.45	27.64	5.19	13	0.9	23.35	33	Pass
Band 25	10	1855	QPSK	1	HIGH	22.26	27.67	5.41	13	0.9	23.16	33	Pass
Band 25	10	1855	16QAM	50	LOW	20.21	27.9	7.69	13	0.9	21.11	33	Pass

Band 25	10	1855	16QA M	25	LOW	20.41	28.03	7.62	13	0.9	21.31	33	Pass
Band 25	10	1855	16QA M	25	MID	20.32	27.93	7.61	13	0.9	21.22	33	Pass
Band 25	10	1855	16QA M	25	HIGH	20.43	28.16	7.73	13	0.9	21.33	33	Pass
Band 25	10	1855	16QA M	1	LOW	21.38	28.31	6.93	13	0.9	22.28	33	Pass
Band 25	10	1855	16QA M	1	MID	22.71	28.98	6.27	13	0.9	23.61	33	Pass
Band 25	10	1855	16QA M	1	HIGH	22	28.61	6.61	13	0.9	22.9	33	Pass
Band 25	10	1882.5	QPSK	50	LOW	21.24	27.51	6.27	13	0.9	22.14	33	Pass
Band 25	10	1882.5	QPSK	25	LOW	21.27	27.6	6.33	13	0.9	22.17	33	Pass
Band 25	10	1882.5	QPSK	25	MID	21.24	27.58	6.34	13	0.9	22.14	33	Pass
Band 25	10	1882.5	QPSK	25	HIGH	21.29	27.51	6.22	13	0.9	22.19	33	Pass
Band 25	10	1882.5	QPSK	1	LOW	22.39	27.57	5.18	13	0.9	23.29	33	Pass
Band 25	10	1882.5	QPSK	1	MID	22.54	27.47	4.93	13	0.9	23.44	33	Pass
Band 25	10	1882.5	QPSK	1	HIGH	22.23	27.84	5.61	13	0.9	23.13	33	Pass
Band 25	10	1882.5	16QA M	50	LOW	20.02	26.88	6.86	13	0.9	20.92	33	Pass
Band 25	10	1882.5	16QA M	25	LOW	20.2	27.36	7.16	13	0.9	21.1	33	Pass
Band 25	10	1882.5	16QA M	25	MID	20.2	27.46	7.26	13	0.9	21.1	33	Pass
Band 25	10	1882.5	16QA M	25	HIGH	20.41	27.77	7.36	13	0.9	21.31	33	Pass
Band 25	10	1882.5	16QA M	1	LOW	21.95	26.92	4.97	13	0.9	22.85	33	Pass
Band 25	10	1882.5	16QA M	1	MID	22.44	27.17	4.73	13	0.9	23.34	33	Pass
Band 25	10	1882.5	16QA M	1	HIGH	22.54	27.55	5.01	13	0.9	23.44	33	Pass
Band 25	10	1910	QPSK	50	LOW	21.65	27.31	5.66	13	0.9	22.55	33	Pass
Band 25	10	1910	QPSK	25	LOW	21.52	27.81	6.29	13	0.9	22.42	33	Pass
Band 25	10	1910	QPSK	25	MID	21.49	27.8	6.31	13	0.9	22.39	33	Pass

Band 25	10	1910	QPSK	25	HIGH	21.53	27.81	6.28	13	0.9	22.43	33	Pass
Band 25	10	1910	QPSK	1	LOW	22.36	27.67	5.31	13	0.9	23.26	33	Pass
Band 25	10	1910	QPSK	1	MID	22.9	27.88	4.98	13	0.9	23.8	33	Pass
Band 25	10	1910	QPSK	1	HIGH	22.55	27.86	5.31	13	0.9	23.45	33	Pass
Band 25	10	1910	16QAM	50	LOW	20.29	27.73	7.44	13	0.9	21.19	33	Pass
Band 25	10	1910	16QAM	25	LOW	20.52	27.65	7.13	13	0.9	21.42	33	Pass
Band 25	10	1910	16QAM	25	MID	20.49	27.6	7.11	13	0.9	21.39	33	Pass
Band 25	10	1910	16QAM	25	HIGH	20.82	27.89	7.07	13	0.9	21.72	33	Pass
Band 25	10	1910	16QAM	1	LOW	21.69	27.06	5.37	13	0.9	22.59	33	Pass
Band 25	10	1910	16QAM	1	MID	21.74	26.89	5.15	13	0.9	22.64	33	Pass
Band 25	10	1910	16QAM	1	HIGH	21.51	26.9	5.39	13	0.9	22.41	33	Pass
Band 25	15	1857.5	QPSK	75	LOW	21.27	28	6.73	13	0.9	22.17	33	Pass
Band 25	15	1857.5	QPSK	38	LOW	21.38	27.99	6.61	13	0.9	22.28	33	Pass
Band 25	15	1857.5	QPSK	38	MID	21.38	28.07	6.69	13	0.9	22.28	33	Pass
Band 25	15	1857.5	QPSK	38	HIGH	21.38	28.07	6.69	13	0.9	22.28	33	Pass
Band 25	15	1857.5	QPSK	1	LOW	22.3	27.83	5.53	13	0.9	23.2	33	Pass
Band 25	15	1857.5	QPSK	1	MID	22.33	27.64	5.31	13	0.9	23.23	33	Pass
Band 25	15	1857.5	QPSK	1	HIGH	22.32	27.68	5.36	13	0.9	23.22	33	Pass
Band 25	15	1857.5	16QAM	75	LOW	20.28	27.78	7.5	13	0.9	21.18	33	Pass
Band 25	15	1857.5	16QAM	38	LOW	20.24	27.72	7.48	13	0.9	21.14	33	Pass
Band 25	15	1857.5	16QAM	38	MID	20.27	27.73	7.46	13	0.9	21.17	33	Pass
Band 25	15	1857.5	16QAM	38	HIGH	20.36	27.82	7.46	13	0.9	21.26	33	Pass
Band 25	15	1857.5	16QAM	1	LOW	21.84	28.62	6.78	13	0.9	22.74	33	Pass

Band 25	15	1857.5	16QAM	1	MID	22	28.47	6.47	13	0.9	22.9	33	Pass
Band 25	15	1857.5	16QAM	1	HIGH	21.24	28.02	6.78	13	0.9	22.14	33	Pass
Band 25	15	1882.5	QPSK	75	LOW	21.26	28.07	6.81	13	0.9	22.16	33	Pass
Band 25	15	1882.5	QPSK	38	LOW	21.24	28.16	6.92	13	0.9	22.14	33	Pass
Band 25	15	1882.5	QPSK	38	MID	21.27	28.18	6.91	13	0.9	22.17	33	Pass
Band 25	15	1882.5	QPSK	38	HIGH	21.24	28.1	6.86	13	0.9	22.14	33	Pass
Band 25	15	1882.5	QPSK	1	LOW	22.28	27.43	5.15	13	0.9	23.18	33	Pass
Band 25	15	1882.5	QPSK	1	MID	22.48	27.75	5.27	13	0.9	23.38	33	Pass
Band 25	15	1882.5	QPSK	1	HIGH	22.54	28.2	5.66	13	0.9	23.44	33	Pass
Band 25	15	1882.5	16QAM	75	LOW	20.21	27.56	7.35	13	0.9	21.11	33	Pass
Band 25	15	1882.5	16QAM	38	LOW	20.36	27.79	7.43	13	0.9	21.26	33	Pass
Band 25	15	1882.5	16QAM	38	MID	20.36	27.83	7.47	13	0.9	21.26	33	Pass
Band 25	15	1882.5	16QAM	38	HIGH	20.39	27.87	7.48	13	0.9	21.29	33	Pass
Band 25	15	1882.5	16QAM	1	LOW	22	26.92	4.92	13	0.9	22.9	33	Pass
Band 25	15	1882.5	16QAM	1	MID	22.56	27.12	4.56	13	0.9	23.46	33	Pass
Band 25	15	1882.5	16QAM	1	HIGH	22.14	27.23	5.09	13	0.9	23.04	33	Pass
Band 25	15	1907.5	QPSK	75	LOW	21.54	28.22	6.68	13	0.9	22.44	33	Pass
Band 25	15	1907.5	QPSK	38	LOW	21.56	28.19	6.63	13	0.9	22.46	33	Pass
Band 25	15	1907.5	QPSK	38	MID	21.54	28.17	6.63	13	0.9	22.44	33	Pass
Band 25	15	1907.5	QPSK	38	HIGH	21.56	28.25	6.69	13	0.9	22.46	33	Pass
Band 25	15	1907.5	QPSK	1	LOW	22.31	27.58	5.27	13	0.9	23.21	33	Pass
Band 25	15	1907.5	QPSK	1	MID	22.42	27.29	4.87	13	0.9	23.32	33	Pass
Band 25	15	1907.5	QPSK	1	HIGH	22.39	27.54	5.15	13	0.9	23.29	33	Pass

Band 25	15	1907.5	16QA M	75	LOW	20.47	27.9	7.43	13	0.9	21.37	33	Pass
Band 25	15	1907.5	16QA M	38	LOW	20.61	27.97	7.36	13	0.9	21.51	33	Pass
Band 25	15	1907.5	16QA M	38	MID	20.61	27.95	7.34	13	0.9	21.51	33	Pass
Band 25	15	1907.5	16QA M	38	HIGH	20.61	28.13	7.52	13	0.9	21.51	33	Pass
Band 25	15	1907.5	16QA M	1	LOW	20.91	26.39	5.48	13	0.9	21.81	33	Pass
Band 25	15	1907.5	16QA M	1	MID	22.04	26.84	4.8	13	0.9	22.94	33	Pass
Band 25	15	1907.5	16QA M	1	HIGH	22.11	27.29	5.18	13	0.9	23.01	33	Pass
Band 25	20	1860	QPSK	100	LOW	21.33	27.55	6.22	13	0.9	22.23	33	Pass
Band 25	20	1860	QPSK	50	LOW	21.42	28	6.58	13	0.9	22.32	33	Pass
Band 25	20	1860	QPSK	50	MID	21.32	27.92	6.6	13	0.9	22.22	33	Pass
Band 25	20	1860	QPSK	50	HIGH	21.41	28	6.59	13	0.9	22.31	33	Pass
Band 25	20	1860	QPSK	1	LOW	22.4	28.09	5.69	13	0.9	23.3	33	Pass
Band 25	20	1860	QPSK	1	MID	22.64	28.06	5.42	13	0.9	23.54	33	Pass
Band 25	20	1860	QPSK	1	HIGH	22.15	27.54	5.39	13	0.9	23.05	33	Pass
Band 25	20	1860	16QA M	100	LOW	20.39	28.18	7.79	13	0.9	21.29	33	Pass
Band 25	20	1860	16QA M	50	LOW	20.49	28.29	7.8	13	0.9	21.39	33	Pass
Band 25	20	1860	16QA M	50	MID	20.42	28.25	7.83	13	0.9	21.32	33	Pass
Band 25	20	1860	16QA M	50	HIGH	20.45	28.3	7.85	13	0.9	21.35	33	Pass
Band 25	20	1860	16QA M	1	LOW	21.95	28.12	6.17	13	0.9	22.85	33	Pass
Band 25	20	1860	16QA M	1	MID	22.27	28.15	5.88	13	0.9	23.17	33	Pass
Band 25	20	1860	16QA M	1	HIGH	21.26	27.36	6.1	13	0.9	22.16	33	Pass
Band 25	20	1882.5	QPSK	100	LOW	21.31	27.95	6.64	13	0.9	22.21	33	Pass
Band 25	20	1882.5	QPSK	50	LOW	21.29	27.62	6.33	13	0.9	22.19	33	Pass

Band 25	20	1882.5	QPSK	50	MID	21.3	27.57	6.27	13	0.9	22.2	33	Pass
Band 25	20	1882.5	QPSK	50	HIGH	21.28	27.65	6.37	13	0.9	22.18	33	Pass
Band 25	20	1882.5	QPSK	1	LOW	22.68	27.46	4.78	13	0.9	23.58	33	Pass
Band 25	20	1882.5	QPSK	1	MID	22.69	27.37	4.68	13	0.9	23.59	33	Pass
Band 25	20	1882.5	QPSK	1	HIGH	22.75	27.98	5.23	13	0.9	23.65	33	Pass
Band 25	20	1882.5	16QAM	100	LOW	20.04	27.43	7.39	13	0.9	20.94	33	Pass
Band 25	20	1882.5	16QAM	50	LOW	20.37	27.78	7.41	13	0.9	21.27	33	Pass
Band 25	20	1882.5	16QAM	50	MID	20.36	27.75	7.39	13	0.9	21.26	33	Pass
Band 25	20	1882.5	16QAM	50	HIGH	20.46	27.77	7.31	13	0.9	21.36	33	Pass
Band 25	20	1882.5	16QAM	1	LOW	20.96	27.57	6.61	13	0.9	21.86	33	Pass
Band 25	20	1882.5	16QAM	1	MID	21.53	27.71	6.18	13	0.9	22.43	33	Pass
Band 25	20	1882.5	16QAM	1	HIGH	21.63	28.45	6.82	13	0.9	22.53	33	Pass
Band 25	20	1905	QPSK	100	LOW	21.5	28.4	6.9	13	0.9	22.4	33	Pass
Band 25	20	1905	QPSK	50	LOW	21.42	27.74	6.32	13	0.9	22.32	33	Pass
Band 25	20	1905	QPSK	50	MID	21.44	27.78	6.34	13	0.9	22.34	33	Pass
Band 25	20	1905	QPSK	50	HIGH	21.61	27.84	6.23	13	0.9	22.51	33	Pass
Band 25	20	1905	QPSK	1	LOW	22.35	28.16	5.81	13	0.9	23.25	33	Pass
Band 25	20	1905	QPSK	1	MID	22.31	27.38	5.07	13	0.9	23.21	33	Pass
Band 25	20	1905	QPSK	1	HIGH	22.66	28.02	5.36	13	0.9	23.56	33	Pass
Band 25	20	1905	16QAM	100	LOW	20.34	27.87	7.53	13	0.9	21.24	33	Pass
Band 25	20	1905	16QAM	50	LOW	20.4	27.71	7.31	13	0.9	21.3	33	Pass
Band 25	20	1905	16QAM	50	MID	20.38	27.74	7.36	13	0.9	21.28	33	Pass
Band 25	20	1905	16QAM	50	HIGH	20.66	28.09	7.43	13	0.9	21.56	33	Pass

Band 25	20	1905	16QAM	1	LOW	22.31	28.3	5.99	13	0.9	23.21	33	Pass
Band 25	20	1905	16QAM	1	MID	22.28	27.56	5.28	13	0.9	23.18	33	Pass
Band 25	20	1905	16QAM	1	HIGH	22.81	28.29	5.48	13	0.9	23.71	33	Pass
Band 2	1.4	1850.7	QPSK	6	LOW	21.55	28.05	6.5	13	0.9	22.45	33	Pass
Band 2	1.4	1850.7	QPSK	3	LOW	22.7	29.12	6.42	13	0.9	23.6	33	Pass
Band 2	1.4	1850.7	QPSK	3	MID	22.71	29.16	6.45	13	0.9	23.61	33	Pass
Band 2	1.4	1850.7	QPSK	3	HIGH	22.66	28.79	6.13	13	0.9	23.56	33	Pass
Band 2	1.4	1850.7	QPSK	1	LOW	22.67	28.75	6.08	13	0.9	23.57	33	Pass
Band 2	1.4	1850.7	QPSK	1	MID	22.83	28.66	5.83	13	0.9	23.73	33	Pass
Band 2	1.4	1850.7	QPSK	1	HIGH	22.77	28.75	5.98	13	0.9	23.67	33	Pass
Band 2	1.4	1850.7	16QAM	6	LOW	20.64	28.25	7.61	13	0.9	21.54	33	Pass
Band 2	1.4	1850.7	16QAM	3	LOW	21.78	28.1	6.32	13	0.9	22.68	33	Pass
Band 2	1.4	1850.7	16QAM	3	MID	21.74	28.05	6.31	13	0.9	22.64	33	Pass
Band 2	1.4	1850.7	16QAM	3	HIGH	21.63	28.03	6.4	13	0.9	22.53	33	Pass
Band 2	1.4	1850.7	16QAM	1	LOW	21.81	28.09	6.28	13	0.9	22.71	33	Pass
Band 2	1.4	1850.7	16QAM	1	MID	21.39	27.49	6.1	13	0.9	22.29	33	Pass
Band 2	1.4	1850.7	16QAM	1	HIGH	21.41	27.62	6.21	13	0.9	22.31	33	Pass
Band 2	1.4	1880	QPSK	6	LOW	21.3	27.18	5.88	13	0.9	22.2	33	Pass
Band 2	1.4	1880	QPSK	3	LOW	22.38	27.82	5.44	13	0.9	23.28	33	Pass
Band 2	1.4	1880	QPSK	3	MID	22.35	27.75	5.4	13	0.9	23.25	33	Pass
Band 2	1.4	1880	QPSK	3	HIGH	22.44	27.9	5.46	13	0.9	23.34	33	Pass
Band 2	1.4	1880	QPSK	1	LOW	22.38	27.73	5.35	13	0.9	23.28	33	Pass
Band 2	1.4	1880	QPSK	1	MID	22.45	27.15	4.7	13	0.9	23.35	33	Pass

Band 2	1.4	1880	QPSK	1	HIGH	22.42	27.71	5.29	13	0.9	23.32	33	Pass
Band 2	1.4	1880	16QAM	6	LOW	20.82	27.56	6.74	13	0.9	21.72	33	Pass
Band 2	1.4	1880	16QAM	3	LOW	21.19	27.82	6.63	13	0.9	22.09	33	Pass
Band 2	1.4	1880	16QAM	3	MID	21.26	27.8	6.54	13	0.9	22.16	33	Pass
Band 2	1.4	1880	16QAM	3	HIGH	21.24	27.47	6.23	13	0.9	22.14	33	Pass
Band 2	1.4	1880	16QAM	1	LOW	22.14	27.16	5.02	13	0.9	23.04	33	Pass
Band 2	1.4	1880	16QAM	1	MID	22.16	26.8	4.64	13	0.9	23.06	33	Pass
Band 2	1.4	1880	16QAM	1	HIGH	22.09	26.93	4.84	13	0.9	22.99	33	Pass
Band 2	1.4	1909.3	QPSK	6	LOW	21.59	27.5	5.91	13	0.9	22.49	33	Pass
Band 2	1.4	1909.3	QPSK	3	LOW	22.67	28.63	5.96	13	0.9	23.57	33	Pass
Band 2	1.4	1909.3	QPSK	3	MID	22.72	28.62	5.9	13	0.9	23.62	33	Pass
Band 2	1.4	1909.3	QPSK	3	HIGH	22.98	28.46	5.48	13	0.9	23.88	33	Pass
Band 2	1.4	1909.3	QPSK	1	LOW	22.54	27.84	5.3	13	0.9	23.44	33	Pass
Band 2	1.4	1909.3	QPSK	1	MID	22.64	27.72	5.08	13	0.9	23.54	33	Pass
Band 2	1.4	1909.3	QPSK	1	HIGH	22.78	28.16	5.38	13	0.9	23.68	33	Pass
Band 2	1.4	1909.3	16QAM	6	LOW	20.76	27.49	6.73	13	0.9	21.66	33	Pass
Band 2	1.4	1909.3	16QAM	3	LOW	21.87	28.52	6.65	13	0.9	22.77	33	Pass
Band 2	1.4	1909.3	16QAM	3	MID	21.93	28.53	6.6	13	0.9	22.83	33	Pass
Band 2	1.4	1909.3	16QAM	3	HIGH	21.98	28.55	6.57	13	0.9	22.88	33	Pass
Band 2	1.4	1909.3	16QAM	1	LOW	21.95	27.11	5.16	13	0.9	22.85	33	Pass
Band 2	1.4	1909.3	16QAM	1	MID	21.89	27.02	5.13	13	0.9	22.79	33	Pass
Band 2	1.4	1909.3	16QAM	1	HIGH	22.28	27.19	4.91	13	0.9	23.18	33	Pass
Band 2	3	1851.5	QPSK	15	LOW	21.53	27.95	6.42	13	0.9	22.43	33	Pass

Band 2	3	1851.5	QPSK	8	LOW	21.51	27.57	6.06	13	0.9	22.41	33	Pass
Band 2	3	1851.5	QPSK	8	MID	21.5	27.44	5.94	13	0.9	22.4	33	Pass
Band 2	3	1851.5	QPSK	8	HIGH	21.58	27.56	5.98	13	0.9	22.48	33	Pass
Band 2	3	1851.5	QPSK	1	LOW	22.61	27.97	5.36	13	0.9	23.51	33	Pass
Band 2	3	1851.5	QPSK	1	MID	22.43	27.78	5.35	13	0.9	23.33	33	Pass
Band 2	3	1851.5	QPSK	1	HIGH	22.54	27.87	5.33	13	0.9	23.44	33	Pass
Band 2	3	1851.5	16QAM	15	LOW	20.77	28.09	7.32	13	0.9	21.67	33	Pass
Band 2	3	1851.5	16QAM	8	LOW	20.71	27.71	7	13	0.9	21.61	33	Pass
Band 2	3	1851.5	16QAM	8	MID	20.73	27.66	6.93	13	0.9	21.63	33	Pass
Band 2	3	1851.5	16QAM	8	HIGH	20.74	27.75	7.01	13	0.9	21.64	33	Pass
Band 2	3	1851.5	16QAM	1	LOW	21.94	28.61	6.67	13	0.9	22.84	33	Pass
Band 2	3	1851.5	16QAM	1	MID	22.01	28.49	6.48	13	0.9	22.91	33	Pass
Band 2	3	1851.5	16QAM	1	HIGH	22.06	28.58	6.52	13	0.9	22.96	33	Pass
Band 2	3	1880	QPSK	15	LOW	21.47	27.2	5.73	13	0.9	22.37	33	Pass
Band 2	3	1880	QPSK	8	LOW	21.43	27.29	5.86	13	0.9	22.33	33	Pass
Band 2	3	1880	QPSK	8	MID	21.45	27.22	5.77	13	0.9	22.35	33	Pass
Band 2	3	1880	QPSK	8	HIGH	21.47	27.36	5.89	13	0.9	22.37	33	Pass
Band 2	3	1880	QPSK	1	LOW	22.38	27.63	5.25	13	0.9	23.28	33	Pass
Band 2	3	1880	QPSK	1	MID	22.47	27.37	4.9	13	0.9	23.37	33	Pass
Band 2	3	1880	QPSK	1	HIGH	22.35	27.51	5.16	13	0.9	23.25	33	Pass
Band 2	3	1880	16QAM	15	LOW	20.69	27.31	6.62	13	0.9	21.59	33	Pass
Band 2	3	1880	16QAM	8	LOW	20.63	27.21	6.58	13	0.9	21.53	33	Pass
Band 2	3	1880	16QAM	8	MID	20.63	27.16	6.53	13	0.9	21.53	33	Pass

Band 2	3	1880	16QAM	8	HIGH	20.78	27.17	6.39	13	0.9	21.68	33	Pass
Band 2	3	1880	16QAM	1	LOW	21.75	26.68	4.93	13	0.9	22.65	33	Pass
Band 2	3	1880	16QAM	1	MID	21.81	26.37	4.56	13	0.9	22.71	33	Pass
Band 2	3	1880	16QAM	1	HIGH	21.89	26.77	4.88	13	0.9	22.79	33	Pass
Band 2	3	1908.5	QPSK	15	LOW	21.6	27.79	6.19	13	0.9	22.5	33	Pass
Band 2	3	1908.5	QPSK	8	LOW	21.58	27.7	6.12	13	0.9	22.48	33	Pass
Band 2	3	1908.5	QPSK	8	MID	21.6	27.55	5.95	13	0.9	22.5	33	Pass
Band 2	3	1908.5	QPSK	8	HIGH	21.68	27.69	6.01	13	0.9	22.58	33	Pass
Band 2	3	1908.5	QPSK	1	LOW	22.59	27.84	5.25	13	0.9	23.49	33	Pass
Band 2	3	1908.5	QPSK	1	MID	22.59	27.55	4.96	13	0.9	23.49	33	Pass
Band 2	3	1908.5	QPSK	1	HIGH	22.61	27.98	5.37	13	0.9	23.51	33	Pass
Band 2	3	1908.5	16QAM	15	LOW	20.64	27.61	6.97	13	0.9	21.54	33	Pass
Band 2	3	1908.5	16QAM	8	LOW	20.58	26.9	6.32	13	0.9	21.48	33	Pass
Band 2	3	1908.5	16QAM	8	MID	20.51	26.86	6.35	13	0.9	21.41	33	Pass
Band 2	3	1908.5	16QAM	8	HIGH	21.01	27.28	6.27	13	0.9	21.91	33	Pass
Band 2	3	1908.5	16QAM	1	LOW	21.48	26.72	5.24	13	0.9	22.38	33	Pass
Band 2	3	1908.5	16QAM	1	MID	22.05	27.01	4.96	13	0.9	22.95	33	Pass
Band 2	3	1908.5	16QAM	1	HIGH	22.01	26.95	4.94	13	0.9	22.91	33	Pass
Band 2	5	1852.5	QPSK	25	LOW	21.49	28.05	6.56	13	0.9	22.39	33	Pass
Band 2	5	1852.5	QPSK	12	LOW	21.54	27.85	6.31	13	0.9	22.44	33	Pass
Band 2	5	1852.5	QPSK	12	MID	21.52	27.83	6.31	13	0.9	22.42	33	Pass
Band 2	5	1852.5	QPSK	12	HIGH	21.58	27.66	6.08	13	0.9	22.48	33	Pass
Band 2	5	1852.5	QPSK	1	LOW	22.32	28.9	6.58	13	0.9	23.22	33	Pass

Band 2	5	1852.5	QPSK	1	MID	22.39	28.61	6.22	13	0.9	23.29	33	Pass
Band 2	5	1852.5	QPSK	1	HIGH	22.49	28.87	6.38	13	0.9	23.39	33	Pass
Band 2	5	1852.5	16QAM	25	LOW	20.52	27.7	7.18	13	0.9	21.42	33	Pass
Band 2	5	1852.5	16QAM	12	LOW	20.32	27.92	7.6	13	0.9	21.22	33	Pass
Band 2	5	1852.5	16QAM	12	MID	20.35	27.92	7.57	13	0.9	21.25	33	Pass
Band 2	5	1852.5	16QAM	12	HIGH	20.47	28.11	7.64	13	0.9	21.37	33	Pass
Band 2	5	1852.5	16QAM	1	LOW	20.89	26.99	6.1	13	0.9	21.79	33	Pass
Band 2	5	1852.5	16QAM	1	MID	21.88	27.82	5.94	13	0.9	22.78	33	Pass
Band 2	5	1852.5	16QAM	1	HIGH	20.84	26.91	6.07	13	0.9	21.74	33	Pass
Band 2	5	1880	QPSK	25	LOW	21.4	27.72	6.32	13	0.9	22.3	33	Pass
Band 2	5	1880	QPSK	12	LOW	21.37	27.3	5.93	13	0.9	22.27	33	Pass
Band 2	5	1880	QPSK	12	MID	21.4	27.33	5.93	13	0.9	22.3	33	Pass
Band 2	5	1880	QPSK	12	HIGH	21.4	27.81	6.41	13	0.9	22.3	33	Pass
Band 2	5	1880	QPSK	1	LOW	22.07	27.21	5.14	13	0.9	22.97	33	Pass
Band 2	5	1880	QPSK	1	MID	22.38	27.25	4.87	13	0.9	23.28	33	Pass
Band 2	5	1880	QPSK	1	HIGH	22.13	27.31	5.18	13	0.9	23.03	33	Pass
Band 2	5	1880	16QAM	25	LOW	20.48	27.56	7.08	13	0.9	21.38	33	Pass
Band 2	5	1880	16QAM	12	LOW	20.45	27.32	6.87	13	0.9	21.35	33	Pass
Band 2	5	1880	16QAM	12	MID	20.46	27.28	6.82	13	0.9	21.36	33	Pass
Band 2	5	1880	16QAM	12	HIGH	20.48	27.02	6.54	13	0.9	21.38	33	Pass
Band 2	5	1880	16QAM	1	LOW	21.63	27.27	5.64	13	0.9	22.53	33	Pass
Band 2	5	1880	16QAM	1	MID	22.23	27.45	5.22	13	0.9	23.13	33	Pass
Band 2	5	1880	16QAM	1	HIGH	21.73	27.47	5.74	13	0.9	22.63	33	Pass

Band 2	5	1907.5	QPSK	25	LOW	21.65	28.04	6.39	13	0.9	22.55	33	Pass
Band 2	5	1907.5	QPSK	12	LOW	21.67	27.43	5.76	13	0.9	22.57	33	Pass
Band 2	5	1907.5	QPSK	12	MID	21.65	27.42	5.77	13	0.9	22.55	33	Pass
Band 2	5	1907.5	QPSK	12	HIGH	21.66	27.47	5.81	13	0.9	22.56	33	Pass
Band 2	5	1907.5	QPSK	1	LOW	22.65	28.25	5.6	13	0.9	23.55	33	Pass
Band 2	5	1907.5	QPSK	1	MID	22.61	27.99	5.38	13	0.9	23.51	33	Pass
Band 2	5	1907.5	QPSK	1	HIGH	22.34	27.66	5.32	13	0.9	23.24	33	Pass
Band 2	5	1907.5	16QAM	25	LOW	20.67	28.47	7.8	13	0.9	21.57	33	Pass
Band 2	5	1907.5	16QAM	12	LOW	20.46	27.05	6.59	13	0.9	21.36	33	Pass
Band 2	5	1907.5	16QAM	12	MID	20.48	27.09	6.61	13	0.9	21.38	33	Pass
Band 2	5	1907.5	16QAM	12	HIGH	20.74	27.46	6.72	13	0.9	21.64	33	Pass
Band 2	5	1907.5	16QAM	1	LOW	20.47	27.25	6.78	13	0.9	21.37	33	Pass
Band 2	5	1907.5	16QAM	1	MID	21.38	27.63	6.25	13	0.9	22.28	33	Pass
Band 2	5	1907.5	16QAM	1	HIGH	22.48	28.2	5.72	13	0.9	23.38	33	Pass
Band 2	10	1855	QPSK	50	LOW	21.66	27.99	6.33	13	0.9	22.56	33	Pass
Band 2	10	1855	QPSK	25	LOW	21.51	28.09	6.58	13	0.9	22.41	33	Pass
Band 2	10	1855	QPSK	25	MID	21.49	28.07	6.58	13	0.9	22.39	33	Pass
Band 2	10	1855	QPSK	25	HIGH	21.61	28.17	6.56	13	0.9	22.51	33	Pass
Band 2	10	1855	QPSK	1	LOW	22.56	28.02	5.46	13	0.9	23.46	33	Pass
Band 2	10	1855	QPSK	1	MID	22.67	27.9	5.23	13	0.9	23.57	33	Pass
Band 2	10	1855	QPSK	1	HIGH	22.39	27.81	5.42	13	0.9	23.29	33	Pass
Band 2	10	1855	16QAM	50	LOW	20.74	28.15	7.41	13	0.9	21.64	33	Pass
Band 2	10	1855	16QAM	25	LOW	20.5	28.04	7.54	13	0.9	21.4	33	Pass

Band 2	10	1855	16QA M	25	MID	20.53	28.06	7.53	13	0.9	21.43	33	Pass
Band 2	10	1855	16QA M	25	HIGH	20.58	28.18	7.6	13	0.9	21.48	33	Pass
Band 2	10	1855	16QA M	1	LOW	22.06	28.76	6.7	13	0.9	22.96	33	Pass
Band 2	10	1855	16QA M	1	MID	22.25	28.77	6.52	13	0.9	23.15	33	Pass
Band 2	10	1855	16QA M	1	HIGH	21.96	28.64	6.68	13	0.9	22.86	33	Pass
Band 2	10	1880	QPSK	50	LOW	21.39	27.57	6.18	13	0.9	22.29	33	Pass
Band 2	10	1880	QPSK	25	LOW	21.43	27.59	6.16	13	0.9	22.33	33	Pass
Band 2	10	1880	QPSK	25	MID	21.44	27.45	6.01	13	0.9	22.34	33	Pass
Band 2	10	1880	QPSK	25	HIGH	21.42	27.57	6.15	13	0.9	22.32	33	Pass
Band 2	10	1880	QPSK	1	LOW	22.37	27.32	4.95	13	0.9	23.27	33	Pass
Band 2	10	1880	QPSK	1	MID	22.59	27.15	4.56	13	0.9	23.49	33	Pass
Band 2	10	1880	QPSK	1	HIGH	22.4	27.83	5.43	13	0.9	23.3	33	Pass
Band 2	10	1880	16QA M	50	LOW	20.37	27.23	6.86	13	0.9	21.27	33	Pass
Band 2	10	1880	16QA M	25	LOW	20.58	27.62	7.04	13	0.9	21.48	33	Pass
Band 2	10	1880	16QA M	25	MID	20.57	27.7	7.13	13	0.9	21.47	33	Pass
Band 2	10	1880	16QA M	25	HIGH	20.55	27.84	7.29	13	0.9	21.45	33	Pass
Band 2	10	1880	16QA M	1	LOW	22.13	26.85	4.72	13	0.9	23.03	33	Pass
Band 2	10	1880	16QA M	1	MID	22.73	27.02	4.29	13	0.9	23.63	33	Pass
Band 2	10	1880	16QA M	1	HIGH	22.18	27.13	4.95	13	0.9	23.08	33	Pass
Band 2	10	1905	QPSK	50	LOW	21.72	28.06	6.34	13	0.9	22.62	33	Pass
Band 2	10	1905	QPSK	25	LOW	21.61	27.82	6.21	13	0.9	22.51	33	Pass
Band 2	10	1905	QPSK	25	MID	21.58	27.71	6.13	13	0.9	22.48	33	Pass
Band 2	10	1905	QPSK	25	HIGH	21.67	27.72	6.05	13	0.9	22.57	33	Pass

Band 2	10	1905	QPSK	1	LOW	22.61	27.93	5.32	13	0.9	23.51	33	Pass
Band 2	10	1905	QPSK	1	MID	22.9	27.69	4.79	13	0.9	23.8	33	Pass
Band 2	10	1905	QPSK	1	HIGH	22.63	28.04	5.41	13	0.9	23.53	33	Pass
Band 2	10	1905	16QAM	50	LOW	20.83	27.62	6.79	13	0.9	21.73	33	Pass
Band 2	10	1905	16QAM	25	LOW	20.65	27.74	7.09	13	0.9	21.55	33	Pass
Band 2	10	1905	16QAM	25	MID	20.66	27.74	7.08	13	0.9	21.56	33	Pass
Band 2	10	1905	16QAM	25	HIGH	20.9	27.82	6.92	13	0.9	21.8	33	Pass
Band 2	10	1905	16QAM	1	LOW	21.73	27.21	5.48	13	0.9	22.63	33	Pass
Band 2	10	1905	16QAM	1	MID	21.9	26.99	5.09	13	0.9	22.8	33	Pass
Band 2	10	1905	16QAM	1	HIGH	22.89	27.72	4.83	13	0.9	23.79	33	Pass
Band 2	15	1857.5	QPSK	75	LOW	21.63	28.31	6.68	13	0.9	22.53	33	Pass
Band 2	15	1857.5	QPSK	38	LOW	21.54	27.97	6.43	13	0.9	22.44	33	Pass
Band 2	15	1857.5	QPSK	38	MID	21.54	28.18	6.64	13	0.9	22.44	33	Pass
Band 2	15	1857.5	QPSK	38	HIGH	21.55	28.23	6.68	13	0.9	22.45	33	Pass
Band 2	15	1857.5	QPSK	1	LOW	22.45	27.94	5.49	13	0.9	23.35	33	Pass
Band 2	15	1857.5	QPSK	1	MID	22.45	27.79	5.34	13	0.9	23.35	33	Pass
Band 2	15	1857.5	QPSK	1	HIGH	22.39	27.75	5.36	13	0.9	23.29	33	Pass
Band 2	15	1857.5	16QAM	75	LOW	20.66	28.1	7.44	13	0.9	21.56	33	Pass
Band 2	15	1857.5	16QAM	38	LOW	20.57	28.07	7.5	13	0.9	21.47	33	Pass
Band 2	15	1857.5	16QAM	38	MID	20.5	27.98	7.48	13	0.9	21.4	33	Pass
Band 2	15	1857.5	16QAM	38	HIGH	20.51	28	7.49	13	0.9	21.41	33	Pass
Band 2	15	1857.5	16QAM	1	LOW	22.01	28.79	6.78	13	0.9	22.91	33	Pass
Band 2	15	1857.5	16QAM	1	MID	21.98	28.52	6.54	13	0.9	22.88	33	Pass

Band 2	15	1857.5	16QA M	1	HIGH	21.99	28.52	6.53	13	0.9	22.89	33	Pass
Band 2	15	1880	QPSK	75	LOW	21.38	28.18	6.8	13	0.9	22.28	33	Pass
Band 2	15	1880	QPSK	38	LOW	21.38	28.23	6.85	13	0.9	22.28	33	Pass
Band 2	15	1880	QPSK	38	MID	21.43	28.29	6.86	13	0.9	22.33	33	Pass
Band 2	15	1880	QPSK	38	HIGH	21.39	28.27	6.88	13	0.9	22.29	33	Pass
Band 2	15	1880	QPSK	1	LOW	22.39	27.42	5.03	13	0.9	23.29	33	Pass
Band 2	15	1880	QPSK	1	MID	22.52	27.4	4.88	13	0.9	23.42	33	Pass
Band 2	15	1880	QPSK	1	HIGH	22.42	28	5.58	13	0.9	23.32	33	Pass
Band 2	15	1880	16QA M	75	LOW	20.55	27.85	7.3	13	0.9	21.45	33	Pass
Band 2	15	1880	16QA M	38	LOW	20.51	27.81	7.3	13	0.9	21.41	33	Pass
Band 2	15	1880	16QA M	38	MID	20.55	27.84	7.29	13	0.9	21.45	33	Pass
Band 2	15	1880	16QA M	38	HIGH	20.55	27.87	7.32	13	0.9	21.45	33	Pass
Band 2	15	1880	16QA M	1	LOW	21.7	26.72	5.02	13	0.9	22.6	33	Pass
Band 2	15	1880	16QA M	1	MID	22.46	26.79	4.33	13	0.9	23.36	33	Pass
Band 2	15	1880	16QA M	1	HIGH	22.19	27.2	5.01	13	0.9	23.09	33	Pass
Band 2	15	1902.5	QPSK	75	LOW	21.56	28.58	7.02	13	0.9	22.46	33	Pass
Band 2	15	1902.5	QPSK	38	LOW	21.49	28.49	7	13	0.9	22.39	33	Pass
Band 2	15	1902.5	QPSK	38	MID	21.5	28.19	6.69	13	0.9	22.4	33	Pass
Band 2	15	1902.5	QPSK	38	HIGH	21.51	28.5	6.99	13	0.9	22.41	33	Pass
Band 2	15	1902.5	QPSK	1	LOW	22.48	27.9	5.42	13	0.9	23.38	33	Pass
Band 2	15	1902.5	QPSK	1	MID	22.65	27.39	4.74	13	0.9	23.55	33	Pass
Band 2	15	1902.5	QPSK	1	HIGH	22.77	28.2	5.43	13	0.9	23.67	33	Pass
Band 2	15	1902.5	16QA M	75	LOW	20.51	28.13	7.62	13	0.9	21.41	33	Pass

Band 2	15	1902.5	16QAM	38	LOW	20.52	27.83	7.31	13	0.9	21.42	33	Pass
Band 2	15	1902.5	16QAM	38	MID	20.55	27.94	7.39	13	0.9	21.45	33	Pass
Band 2	15	1902.5	16QAM	38	HIGH	20.57	28.05	7.48	13	0.9	21.47	33	Pass
Band 2	15	1902.5	16QAM	1	LOW	21.73	27.22	5.49	13	0.9	22.63	33	Pass
Band 2	15	1902.5	16QAM	1	MID	21.88	26.72	4.84	13	0.9	22.78	33	Pass
Band 2	15	1902.5	16QAM	1	HIGH	22.3	27.25	4.95	13	0.9	23.2	33	Pass
Band 2	20	1860	QPSK	100	LOW	21.52	27.71	6.19	13	0.9	22.42	33	Pass
Band 2	20	1860	QPSK	50	LOW	21.54	28.12	6.58	13	0.9	22.44	33	Pass
Band 2	20	1860	QPSK	50	MID	21.55	28.09	6.54	13	0.9	22.45	33	Pass
Band 2	20	1860	QPSK	50	HIGH	21.6	29.16	7.56	13	0.9	22.5	33	Pass
Band 2	20	1860	QPSK	1	LOW	22.47	28.17	5.7	13	0.9	23.37	33	Pass
Band 2	20	1860	QPSK	1	MID	22.88	29.28	6.4	13	0.9	23.78	33	Pass
Band 2	20	1860	QPSK	1	HIGH	22.23	28.84	6.61	13	0.9	23.13	33	Pass
Band 2	20	1860	16QAM	100	LOW	20.62	28.59	7.97	13	0.9	21.52	33	Pass
Band 2	20	1860	16QAM	50	LOW	20.84	29.14	8.3	13	0.9	21.74	33	Pass
Band 2	20	1860	16QAM	50	MID	20.81	29.39	8.58	13	0.9	21.71	33	Pass
Band 2	20	1860	16QAM	50	HIGH	20.62	29	8.38	13	0.9	21.52	33	Pass
Band 2	20	1860	16QAM	1	LOW	21.45	27.77	6.32	13	0.9	22.35	33	Pass
Band 2	20	1860	16QAM	1	MID	22.62	29.63	7.01	13	0.9	23.52	33	Pass
Band 2	20	1860	16QAM	1	HIGH	21.33	28.56	7.23	13	0.9	22.23	33	Pass
Band 2	20	1880	QPSK	100	LOW	21.41	28.13	6.72	13	0.9	22.31	33	Pass
Band 2	20	1880	QPSK	50	LOW	21.44	27.72	6.28	13	0.9	22.34	33	Pass
Band 2	20	1880	QPSK	50	MID	21.44	27.65	6.21	13	0.9	22.34	33	Pass

Band 2	20	1880	QPSK	50	HIGH	21.46	27.82	6.36	13	0.9	22.36	33	Pass
Band 2	20	1880	QPSK	1	LOW	22.41	27.41	5	13	0.9	23.31	33	Pass
Band 2	20	1880	QPSK	1	MID	22.83	27.27	4.44	13	0.9	23.73	33	Pass
Band 2	20	1880	QPSK	1	HIGH	22.68	27.92	5.24	13	0.9	23.58	33	Pass
Band 2	20	1880	16QAM	100	LOW	20.52	27.84	7.32	13	0.9	21.42	33	Pass
Band 2	20	1880	16QAM	50	LOW	20.5	27.84	7.34	13	0.9	21.4	33	Pass
Band 2	20	1880	16QAM	50	MID	20.52	27.75	7.23	13	0.9	21.42	33	Pass
Band 2	20	1880	16QAM	50	HIGH	20.62	27.97	7.35	13	0.9	21.52	33	Pass
Band 2	20	1880	16QAM	1	LOW	21.58	27.83	6.25	13	0.9	22.48	33	Pass
Band 2	20	1880	16QAM	1	MID	21.71	27.61	5.9	13	0.9	22.61	33	Pass
Band 2	20	1880	16QAM	1	HIGH	21.48	28.29	6.81	13	0.9	22.38	33	Pass
Band 2	20	1900	QPSK	100	LOW	21.62	28.32	6.7	13	0.9	22.52	33	Pass
Band 2	20	1900	QPSK	50	LOW	21.62	28.16	6.54	13	0.9	22.52	33	Pass
Band 2	20	1900	QPSK	50	MID	21.65	28.19	6.54	13	0.9	22.55	33	Pass
Band 2	20	1900	QPSK	50	HIGH	21.64	28.05	6.41	13	0.9	22.54	33	Pass
Band 2	20	1900	QPSK	1	LOW	22.43	28.3	5.87	13	0.9	23.33	33	Pass
Band 2	20	1900	QPSK	1	MID	22.63	27.77	5.14	13	0.9	23.53	33	Pass
Band 2	20	1900	QPSK	1	HIGH	22.89	27.94	5.05	13	0.9	23.79	33	Pass
Band 2	20	1900	16QAM	100	LOW	20.65	28.22	7.57	13	0.9	21.55	33	Pass
Band 2	20	1900	16QAM	50	LOW	20.67	28.29	7.62	13	0.9	21.57	33	Pass
Band 2	20	1900	16QAM	50	MID	20.63	28.29	7.66	13	0.9	21.53	33	Pass
Band 2	20	1900	16QAM	50	HIGH	20.68	27.92	7.24	13	0.9	21.58	33	Pass
Band 2	20	1900	16QAM	1	LOW	22.48	28.51	6.03	13	0.9	23.38	33	Pass

Band 2	20	1900	16QA M	1	MID	23.02	28.21	5.19	13	0.9	23.92	33	Pass
Band 2	20	1900	16QA M	1	HIGH	21.82	28.32	6.5	13	0.9	22.72	33	Pass