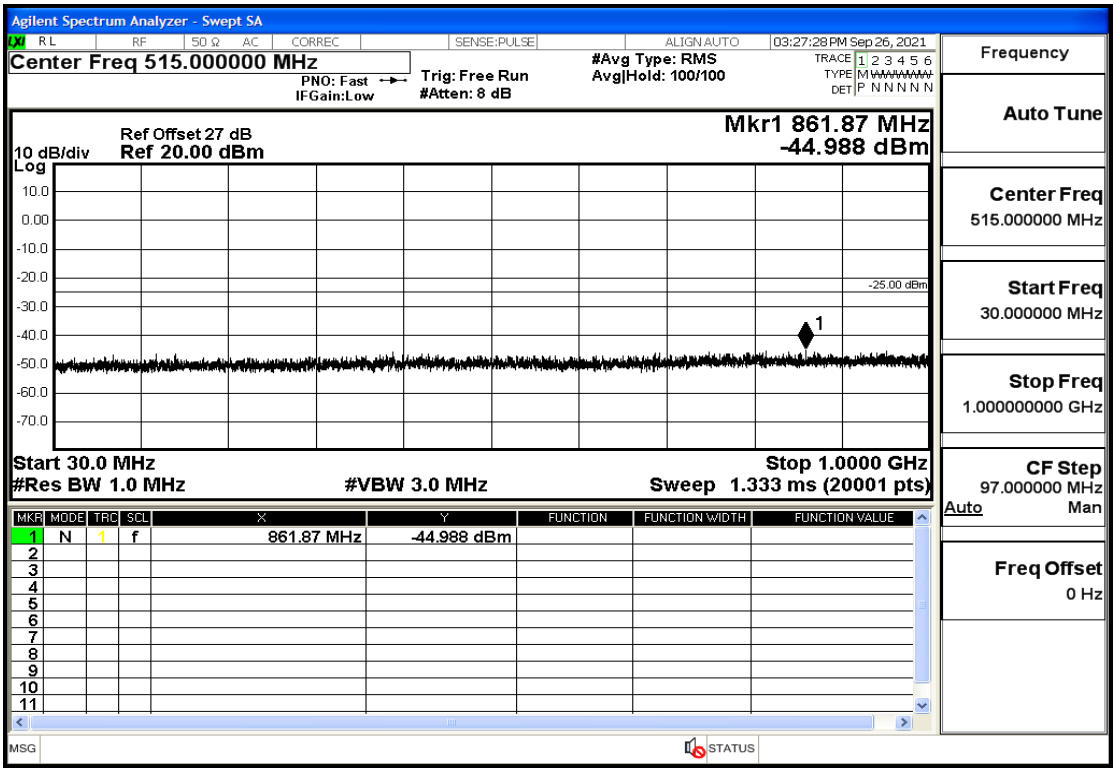
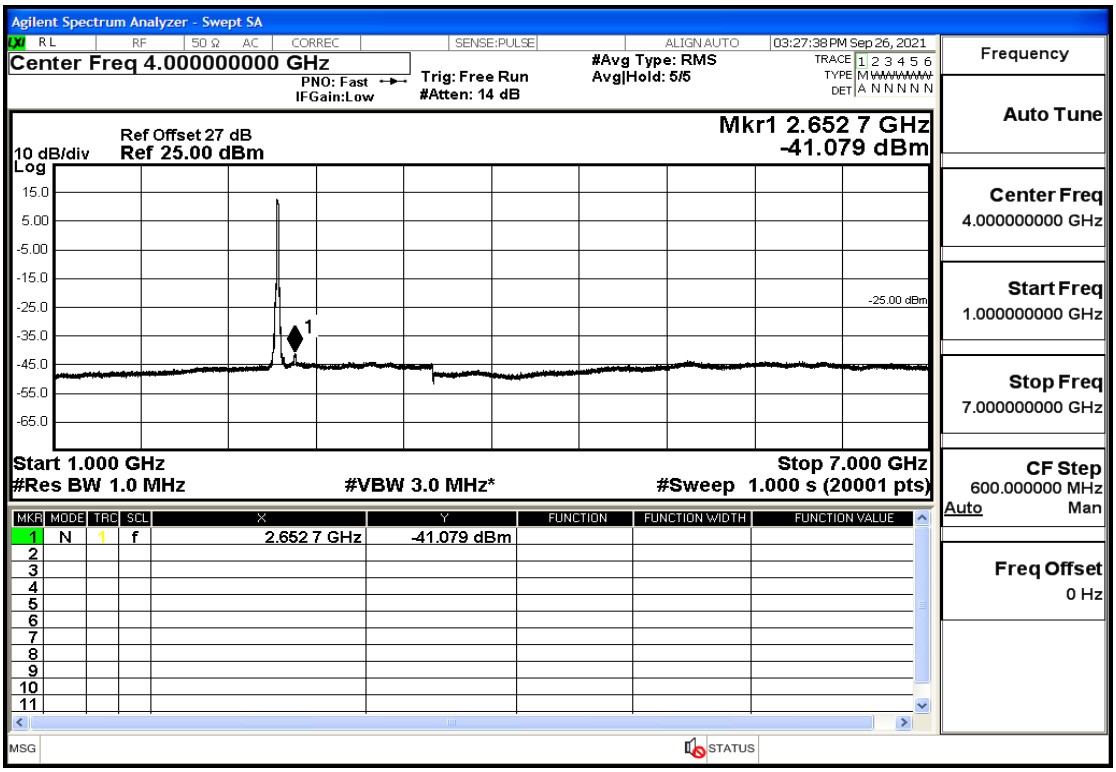
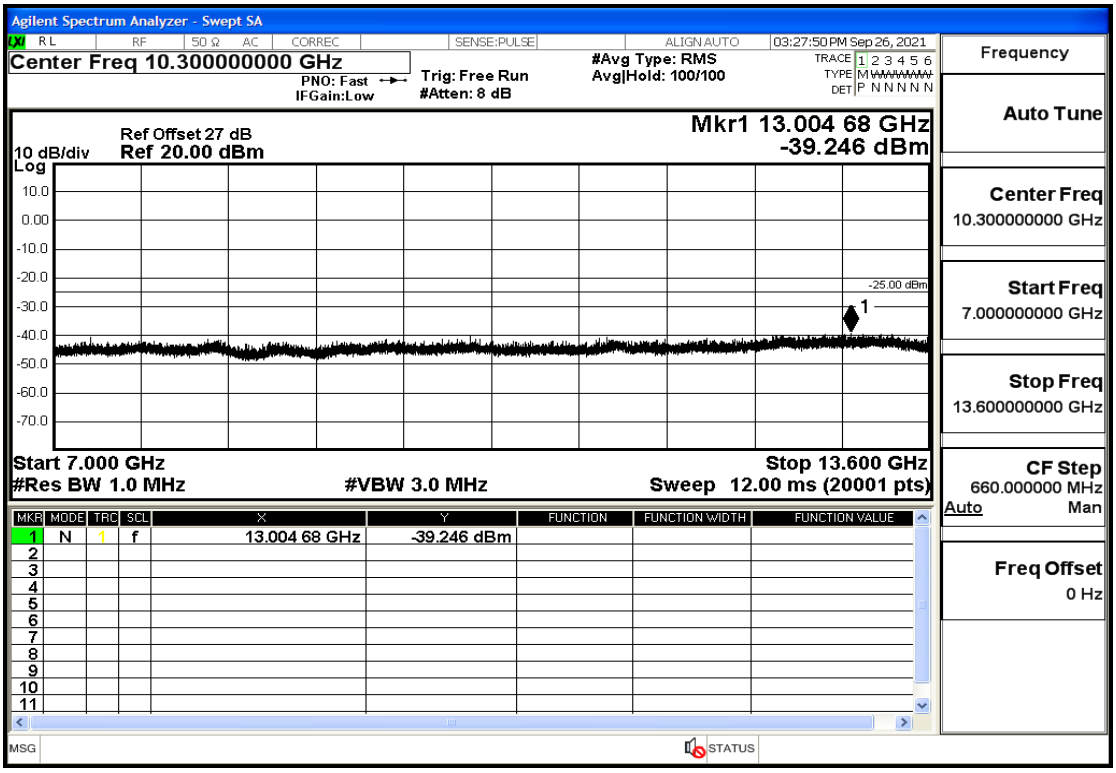
OB7-15-2535-QPSK-75#0@30mHz-1GHz@Pass



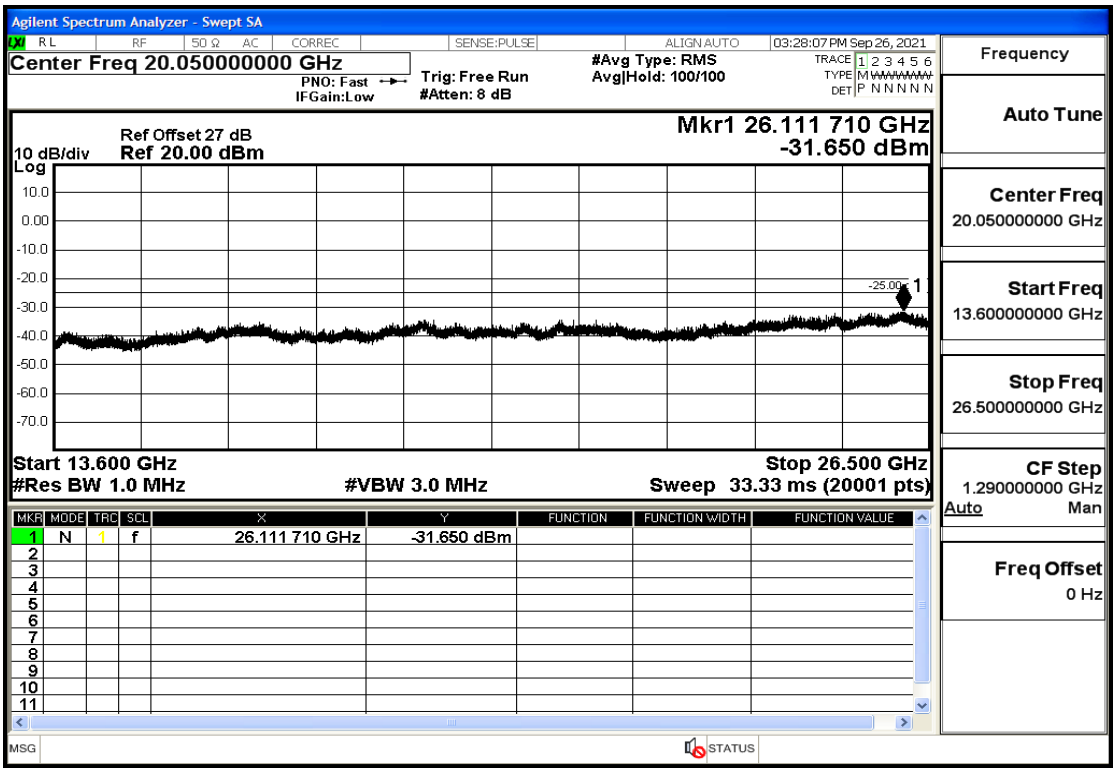
OB7-15-2535-QPSK-75#0@1GHz-7GHz@Pass



OB7-15-2535-QPSK-75#0@7GHz-13.6GHz@Pass



OB7-15-2535-QPSK-75#0@13.6GHz-26.5GHz@Pass



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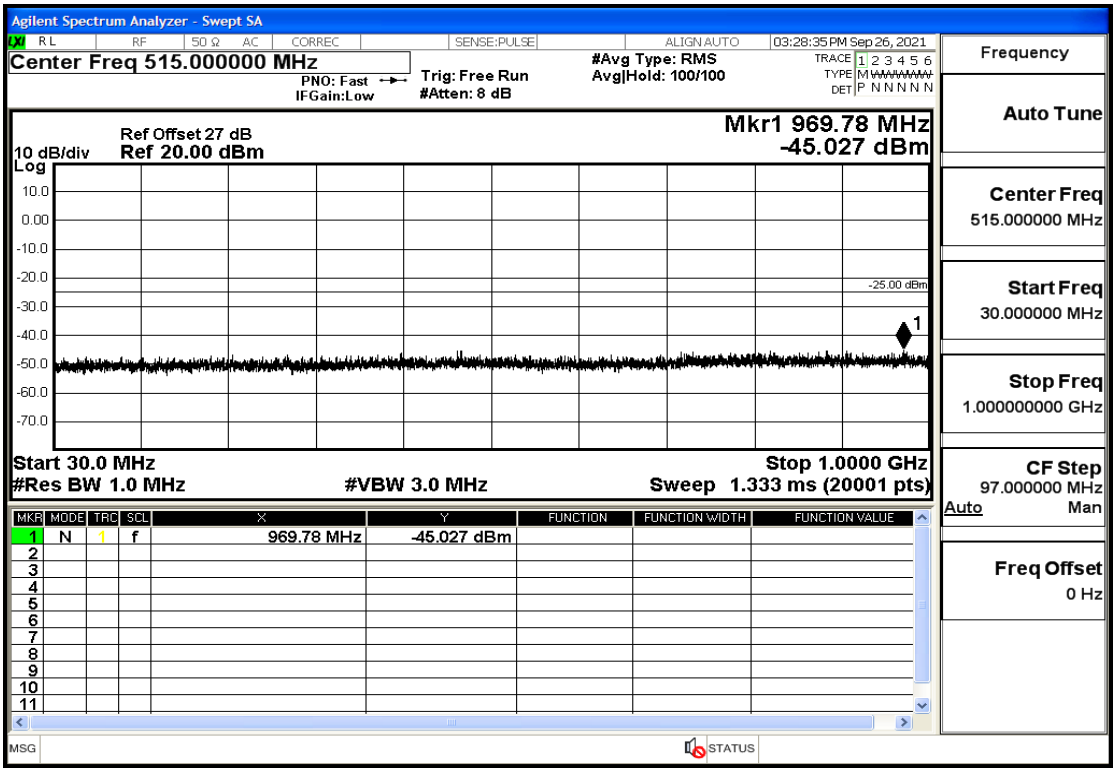

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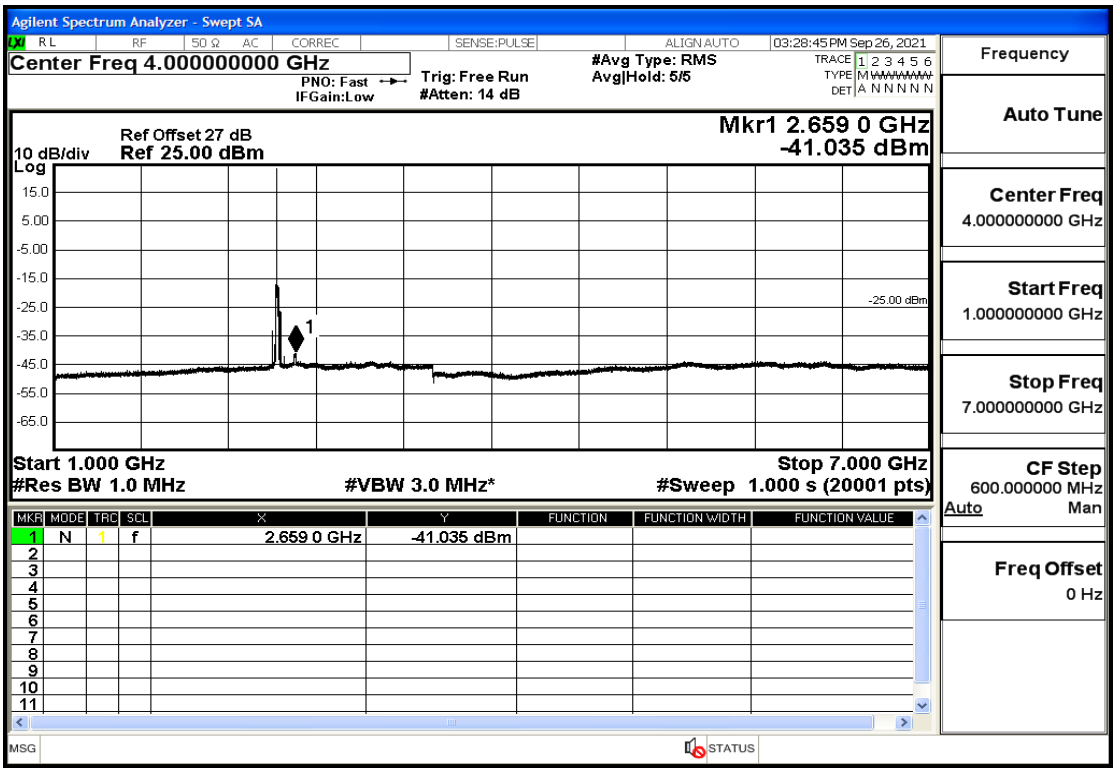

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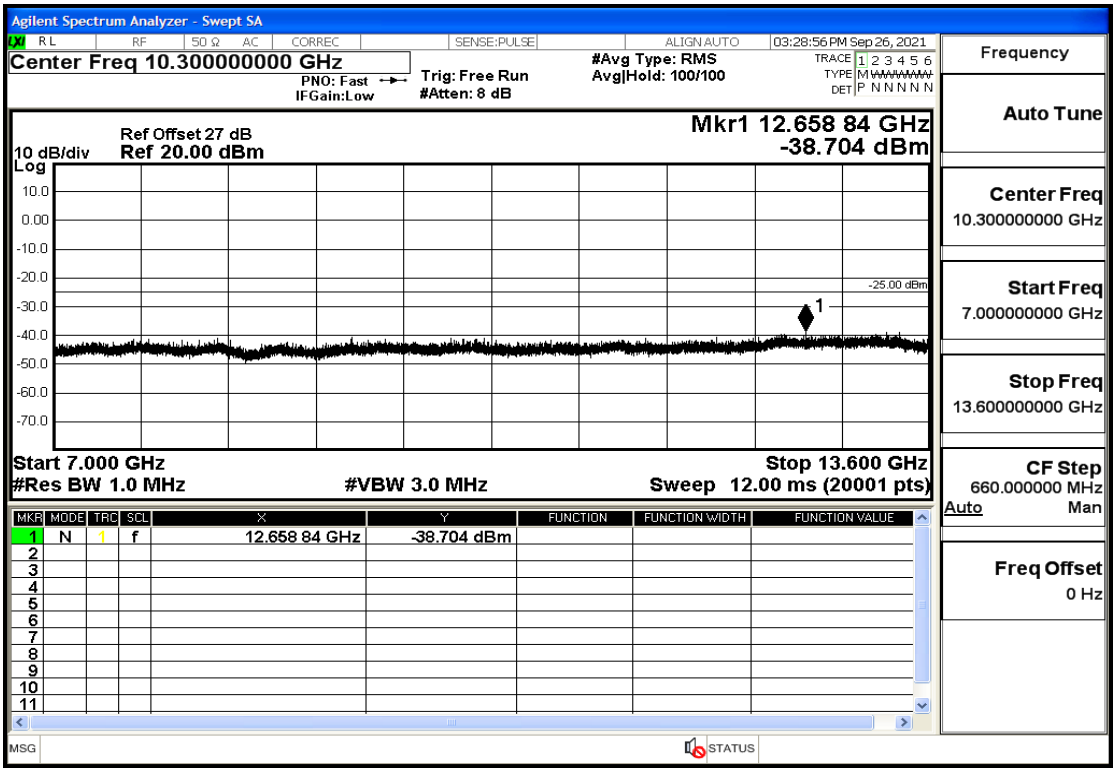

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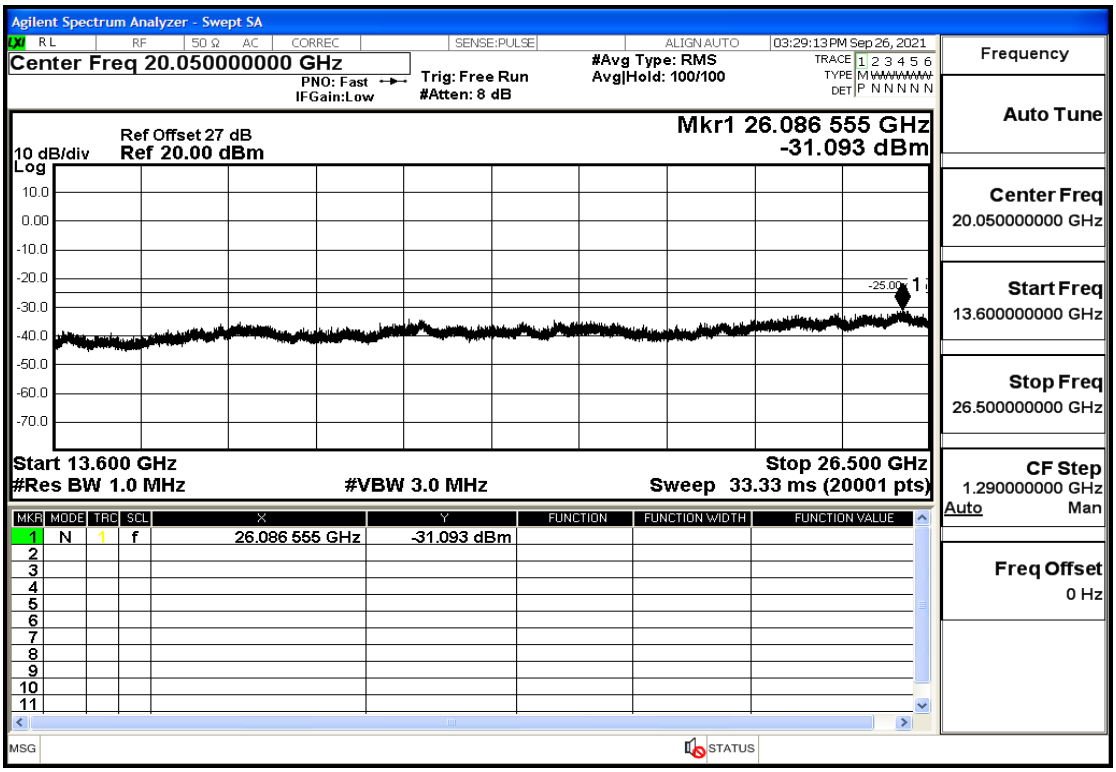
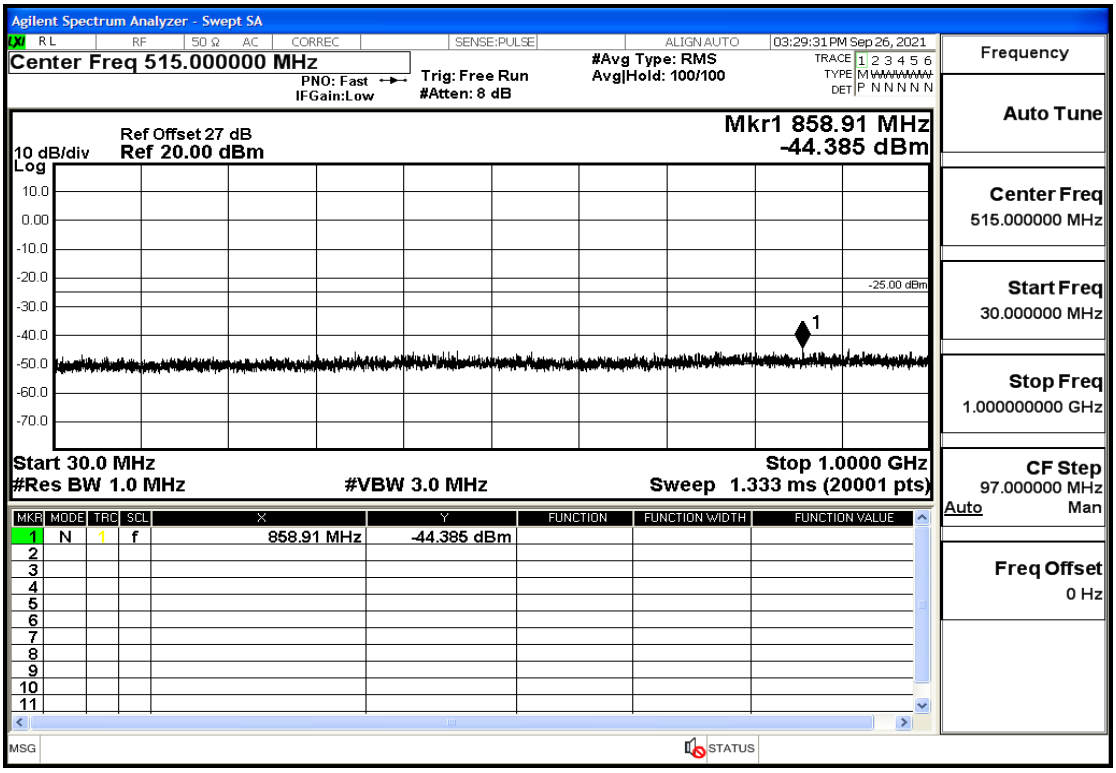


OB7-15-2535-QPSK-1#74@30mHz-1GHz@Pass



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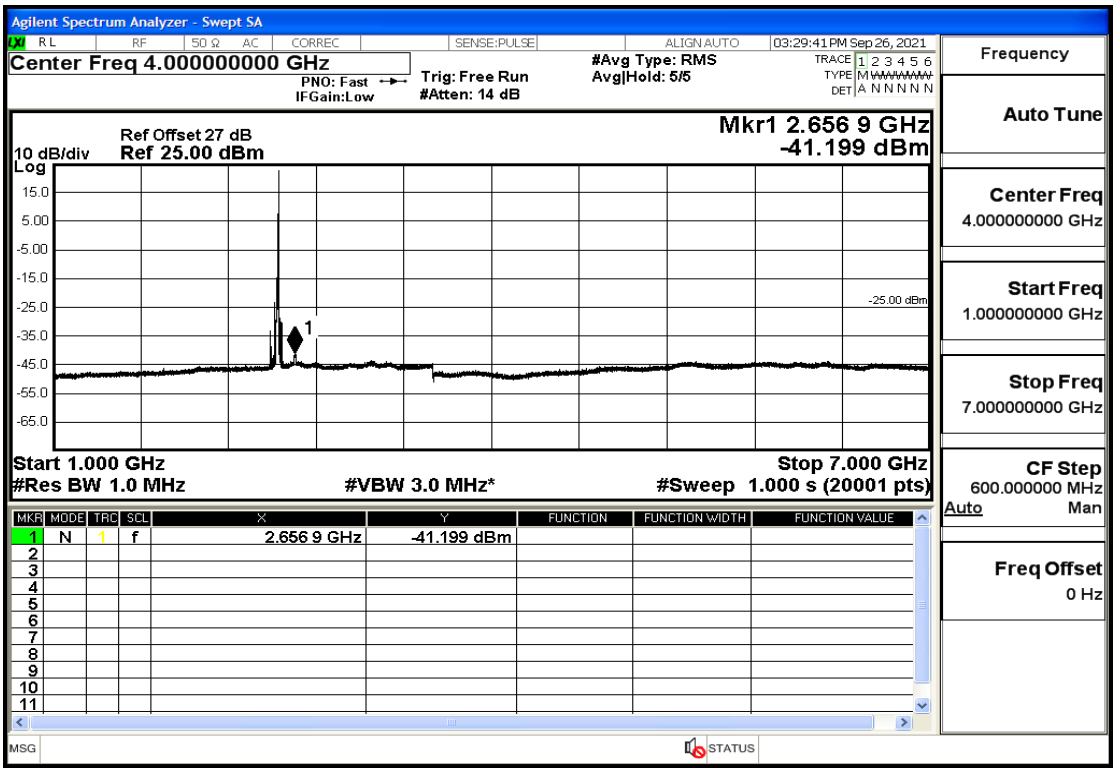
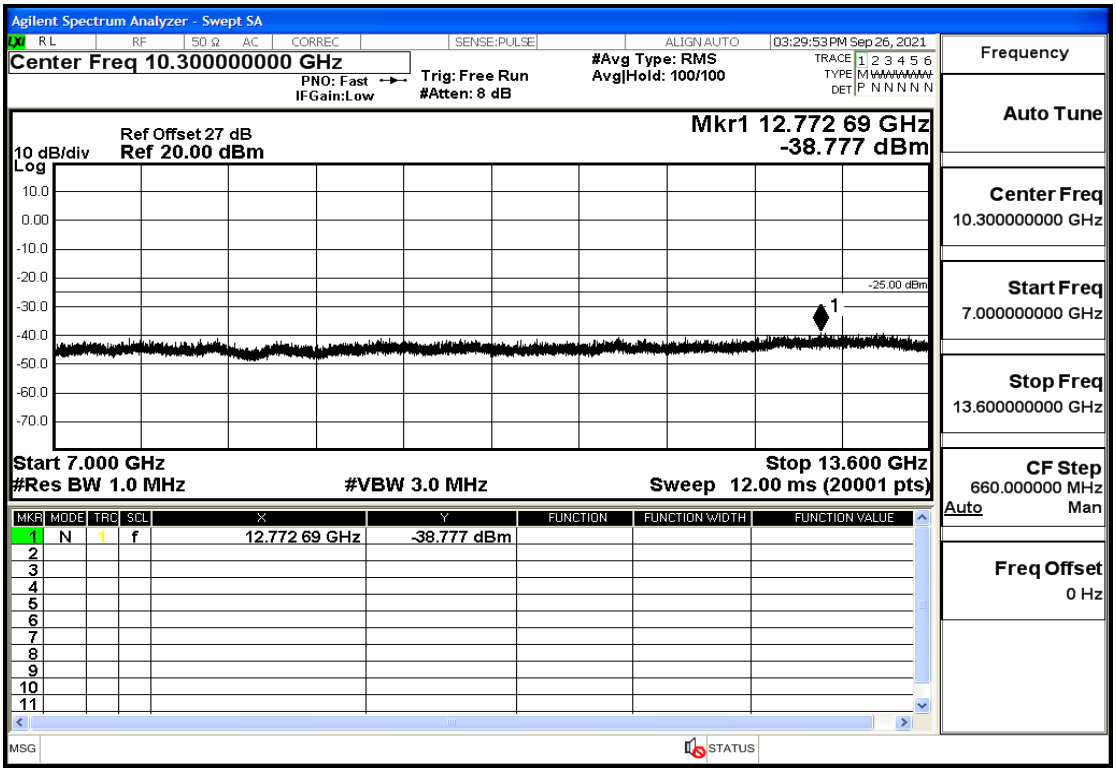


OB7-15-2535-QPSK-1#74@7GHz-13.6GHz@Pass



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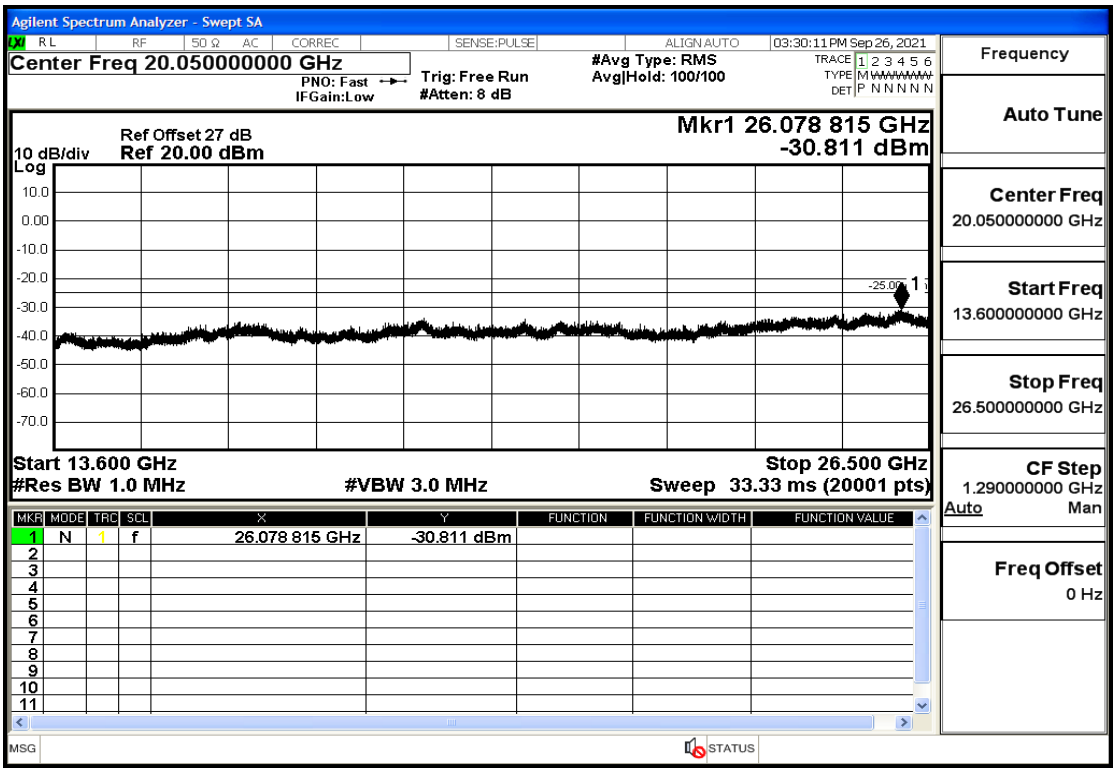
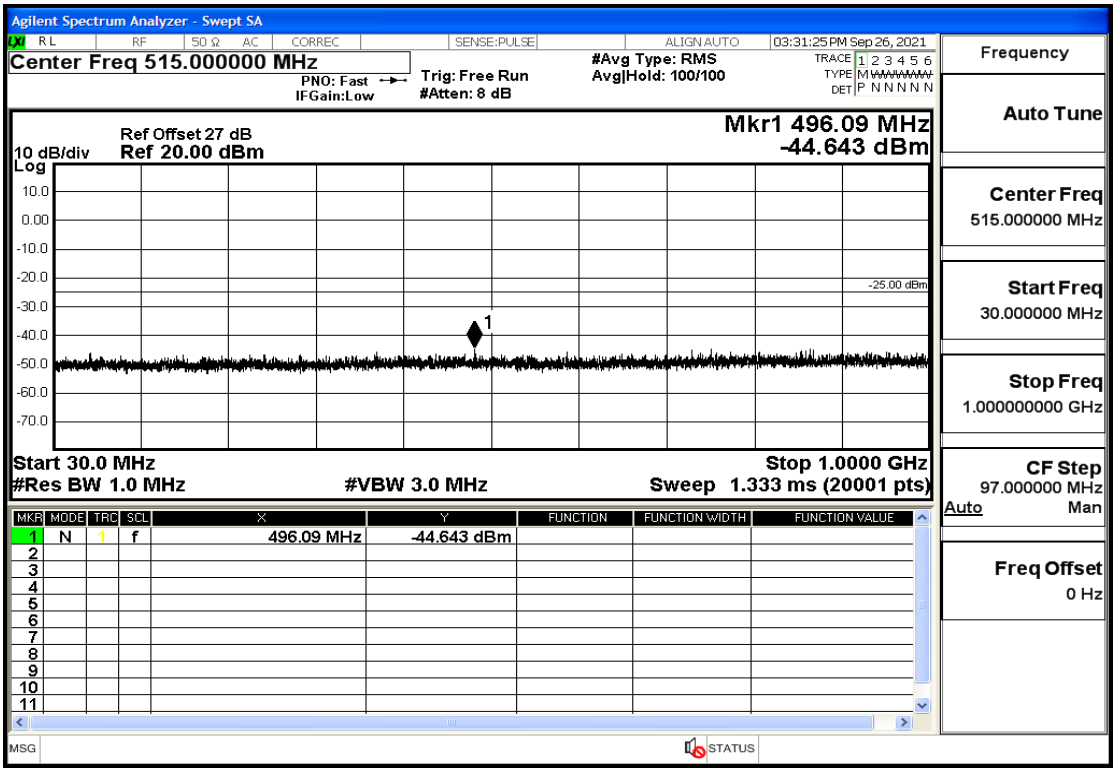


OB7-15-2562.5-QPSK-75#0@30mHz-1GHz@Pass



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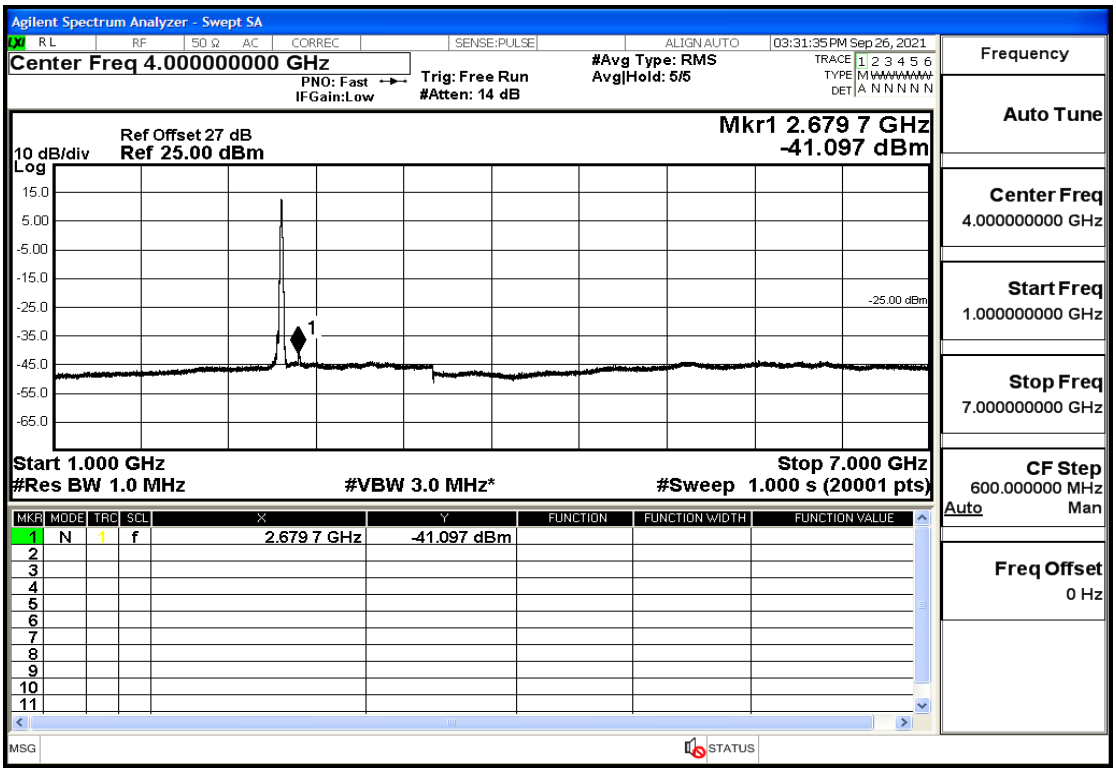
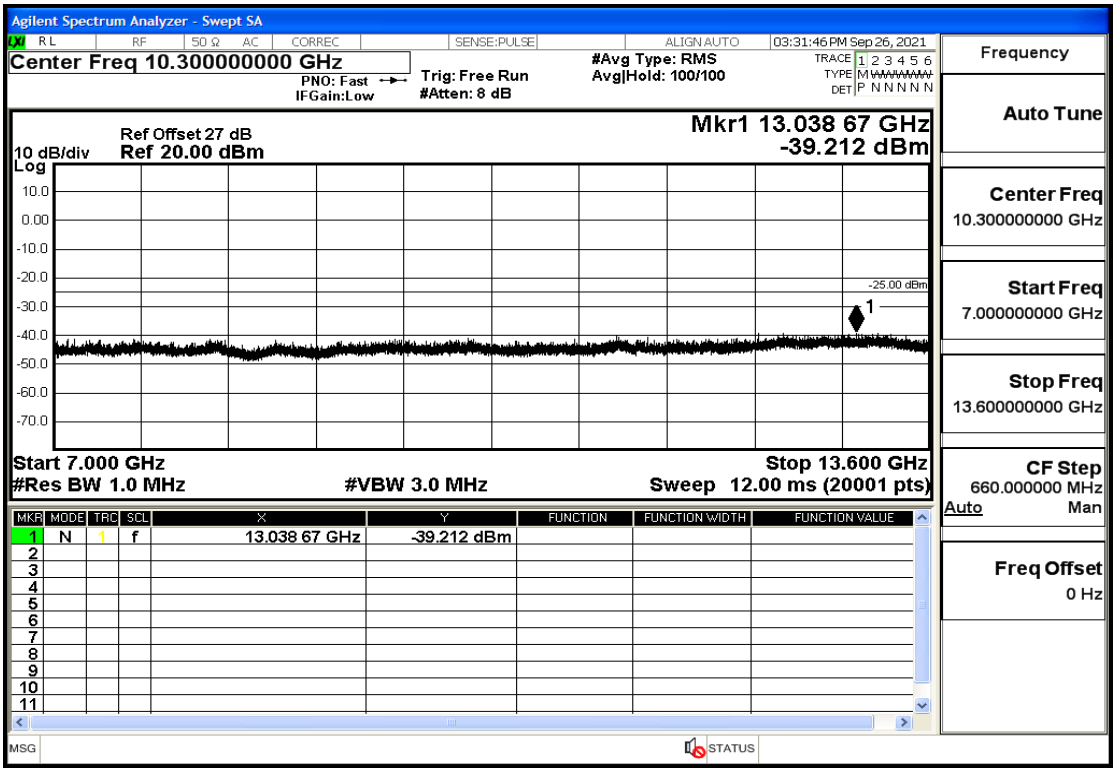
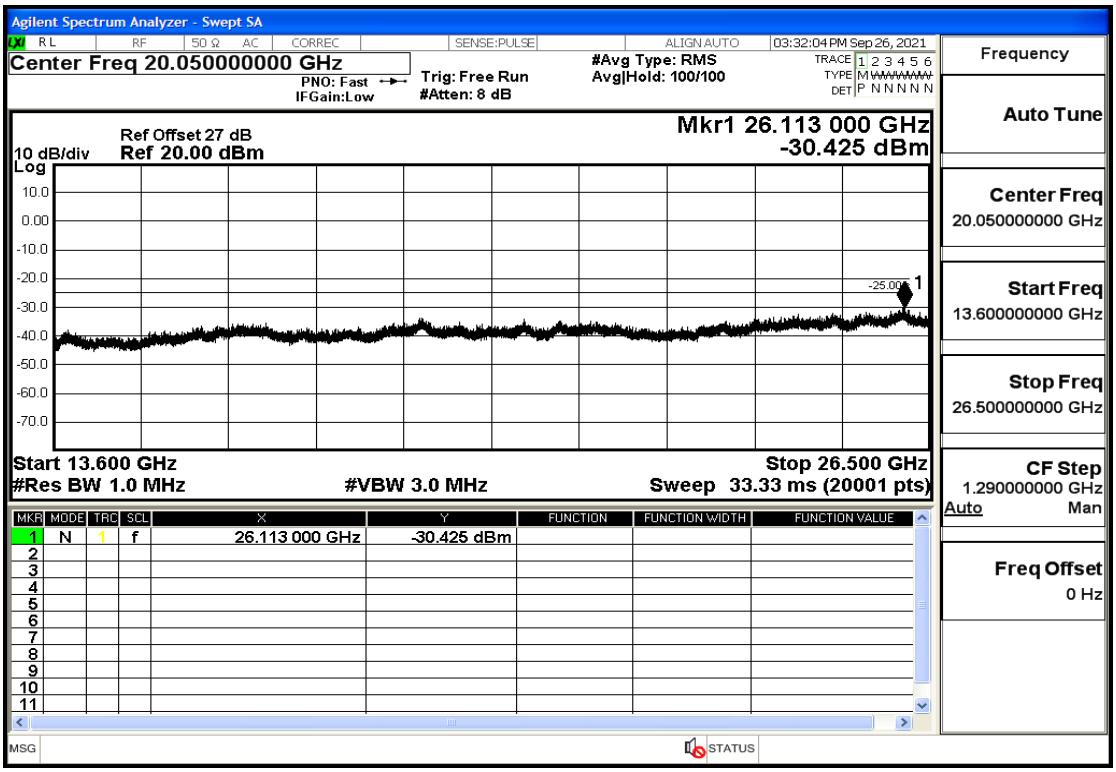


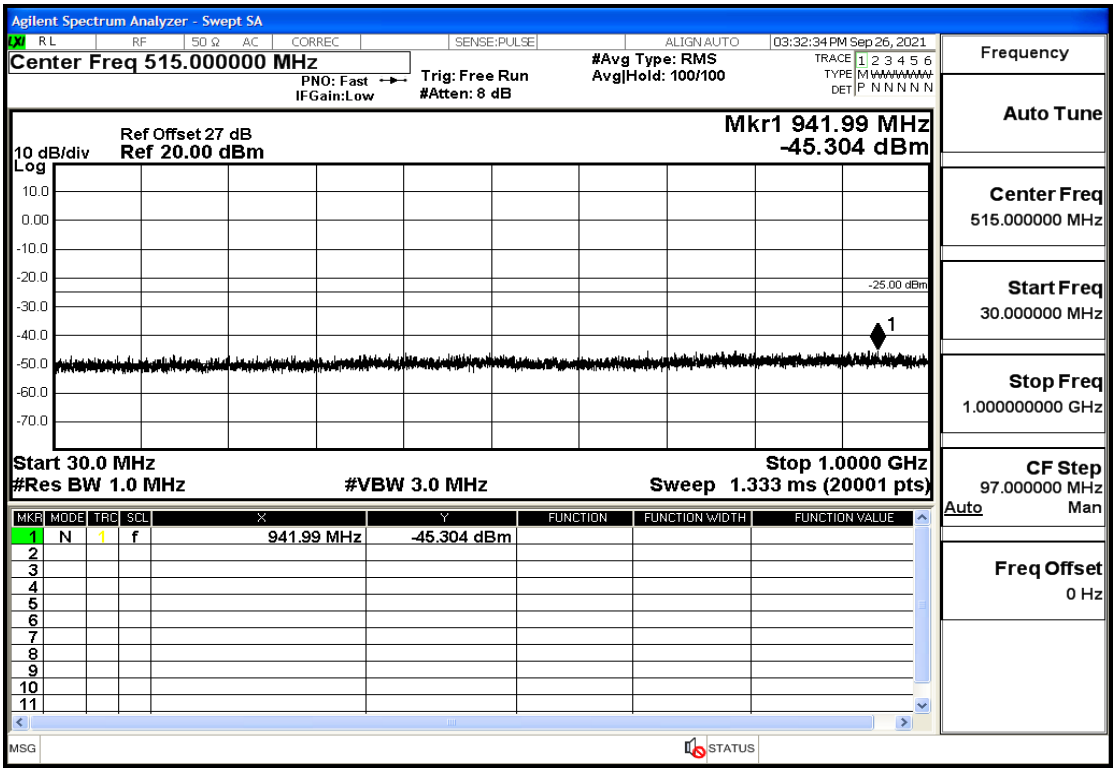
OB7-15-2562.5-QPSK-75#0@7GHz-13.6GHz@Pass



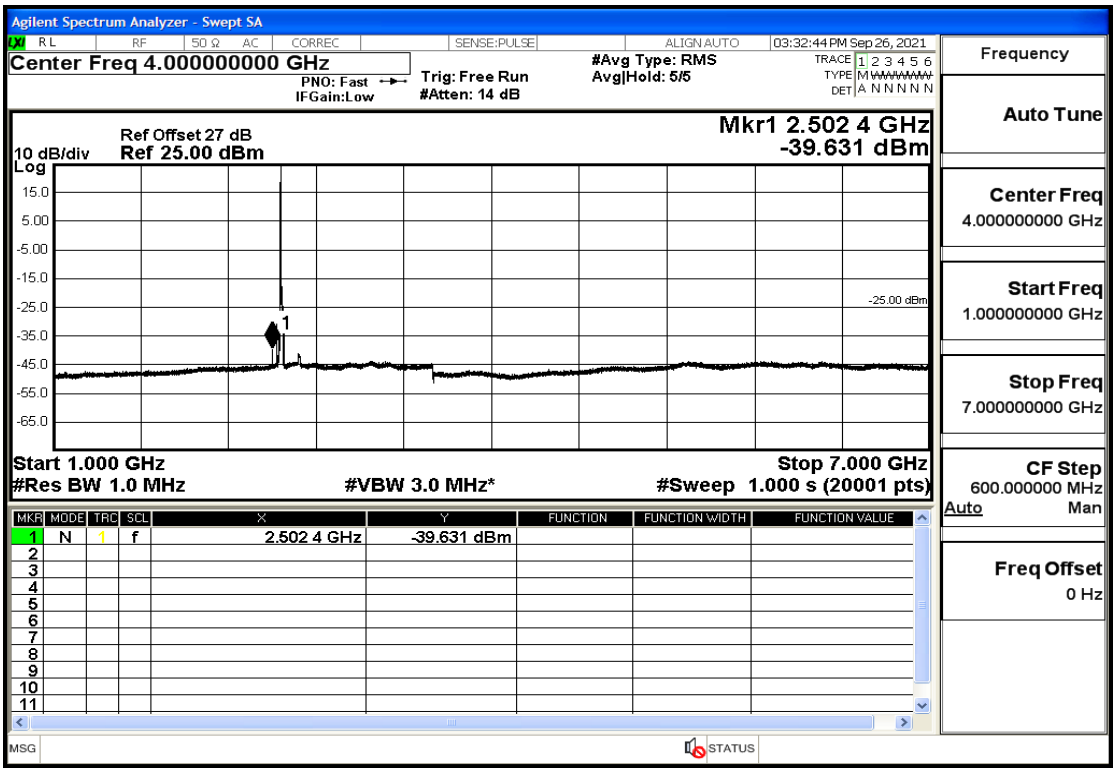
OB7-15-2562.5-QPSK-75#0@13.6GHz-26.5GHz@Pass



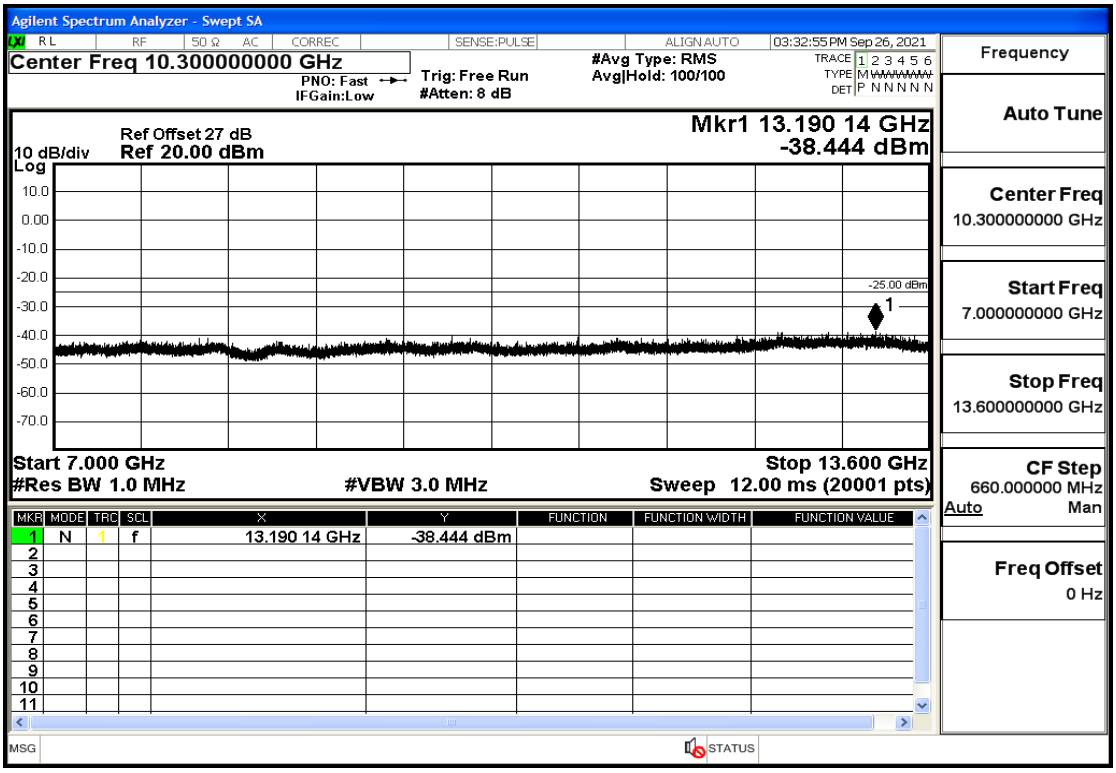
OB7-15-2562.5-QPSK-1#0@30mHz-1GHz@Pass



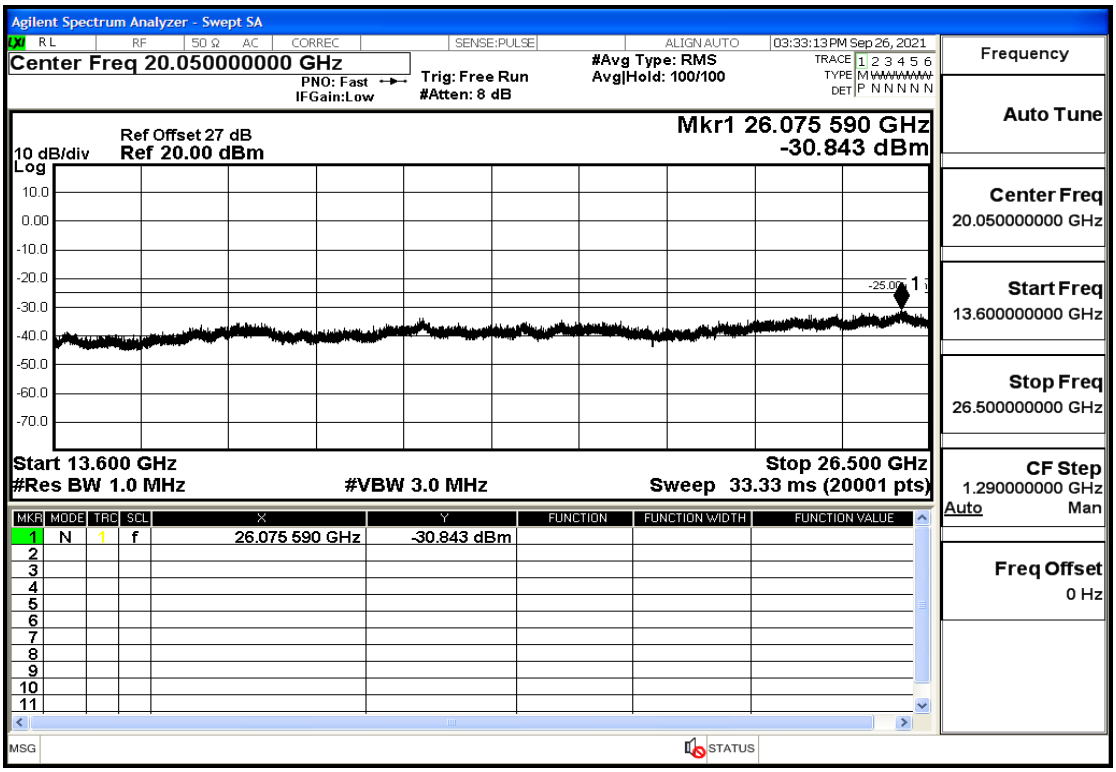
OB7-15-2562.5-QPSK-1#0@1GHz-7GHz@Pass



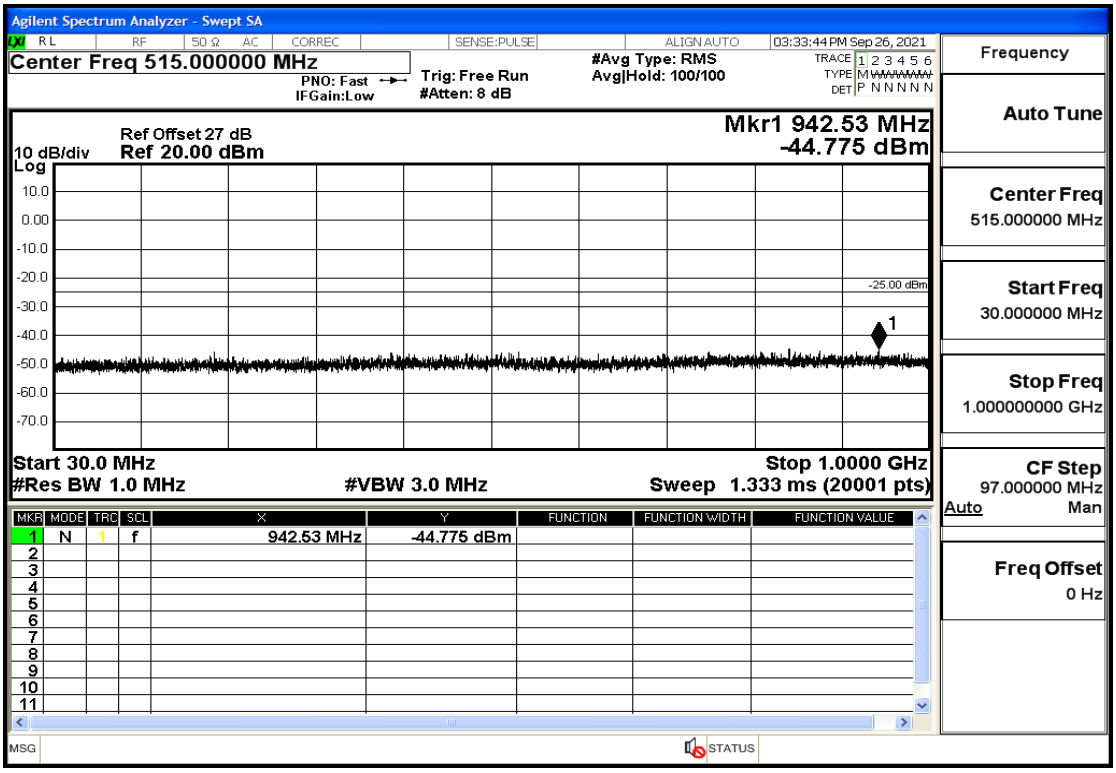
OB7-15-2562.5-QPSK-1#0@7GHz-13.6GHz@Pass



OB7-15-2562.5-QPSK-1#0@13.6GHz-26.5GHz@Pass



OB7-15-2562.5-QPSK-1#74@30mHz-1GHz@Pass



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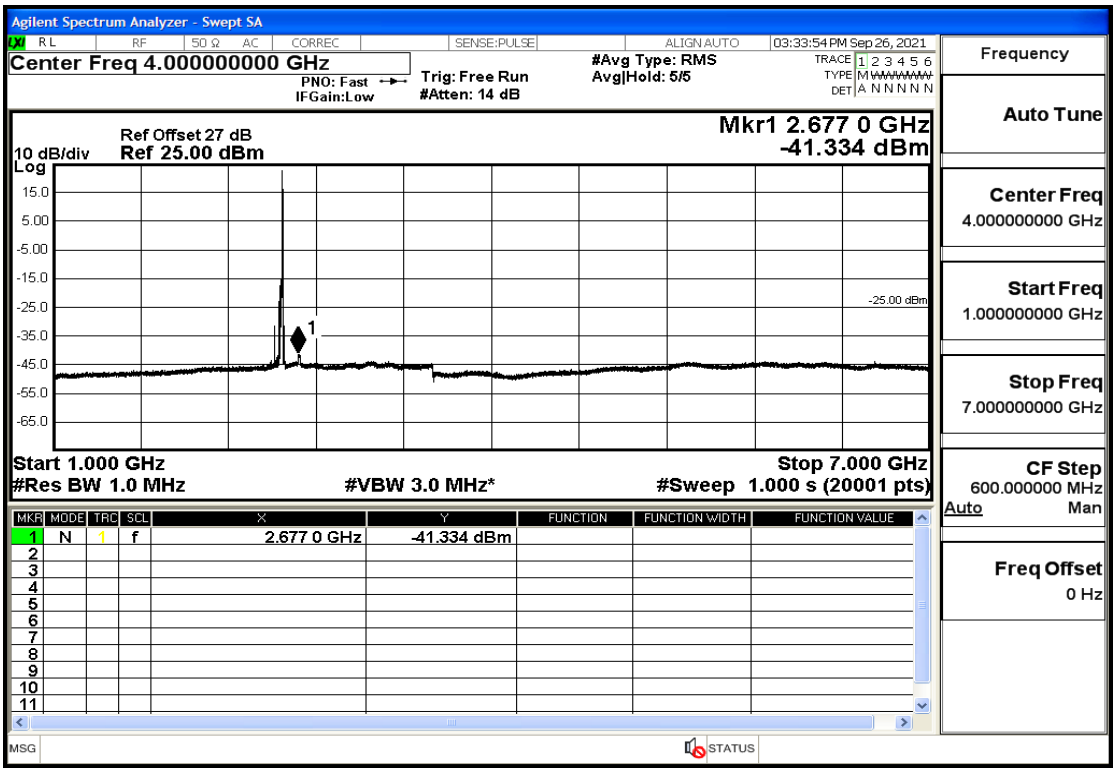

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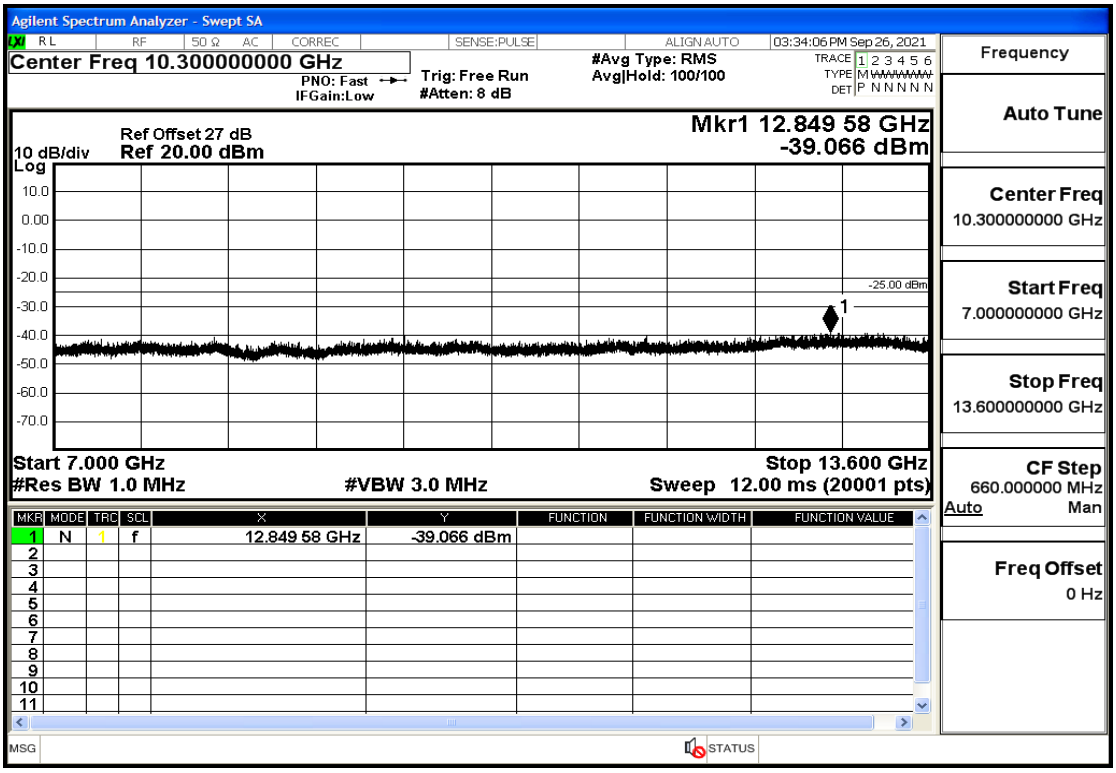

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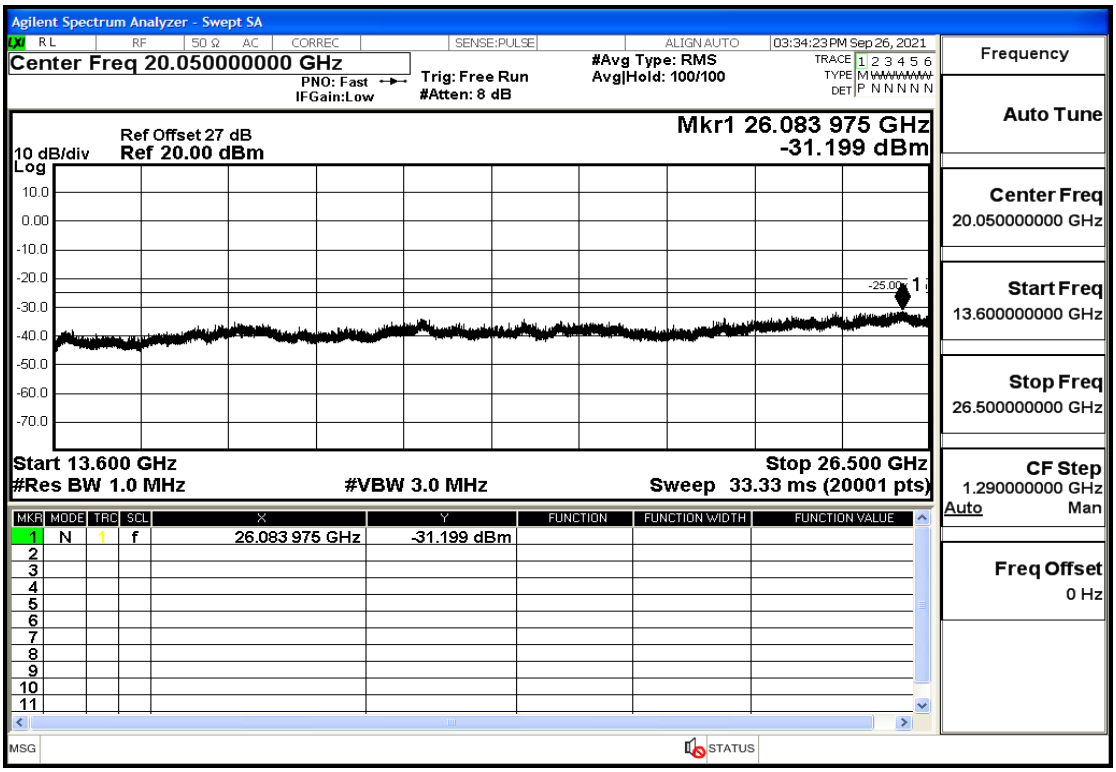
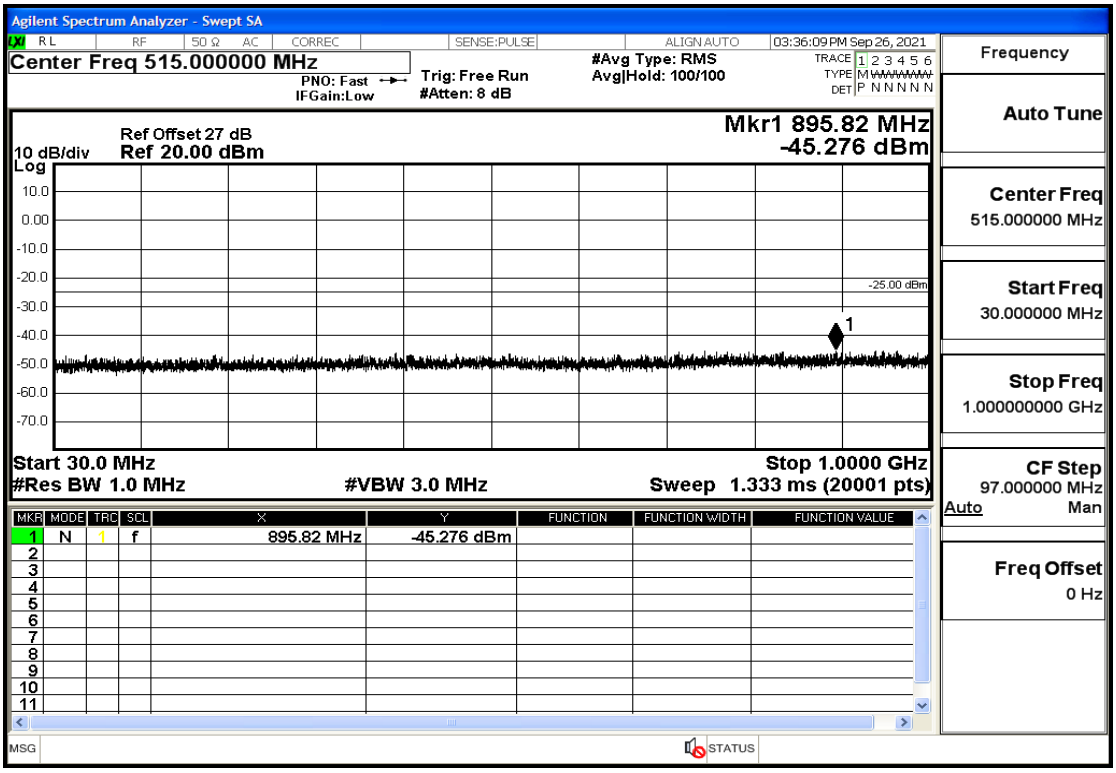


OB7-20-2510-QPSK-100#0@30mHz-1GHz@Pass



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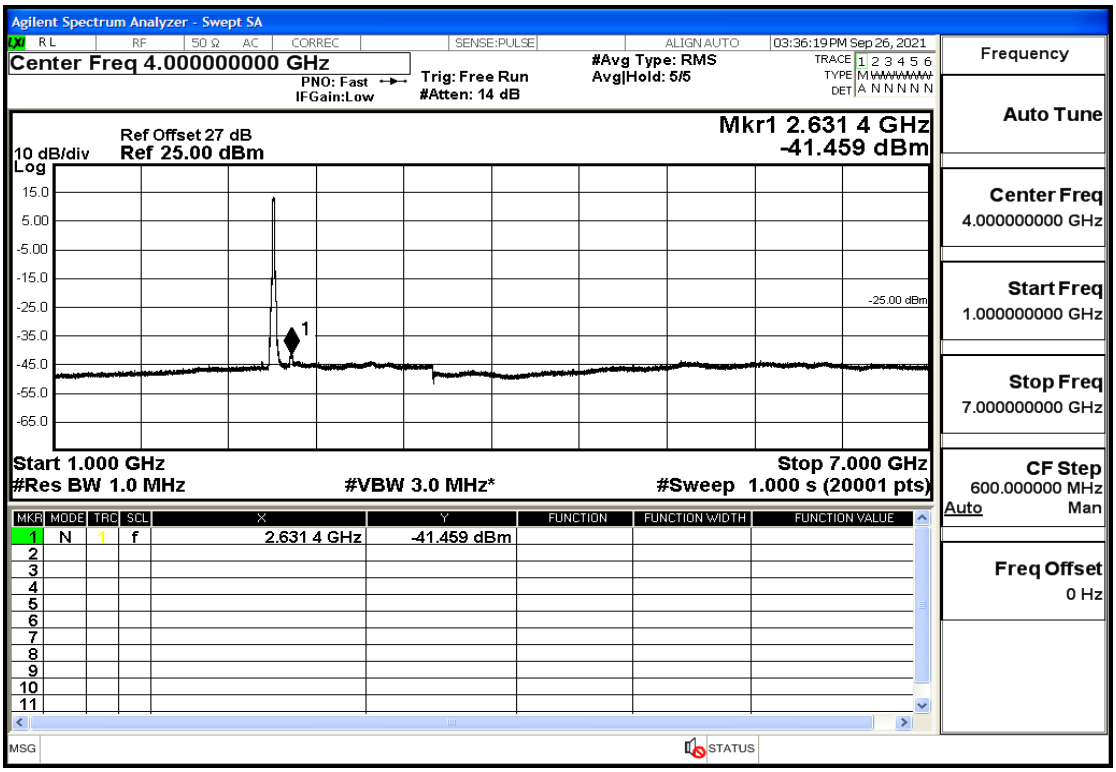
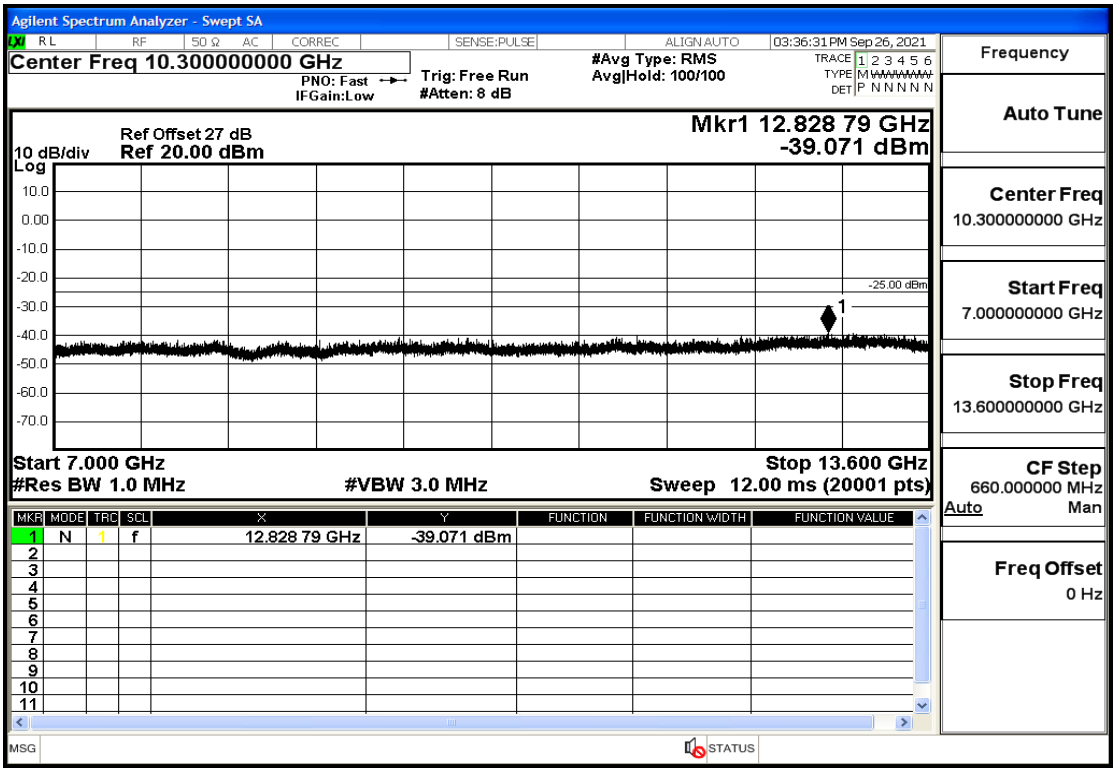


OB7-20-2510-QPSK-100#0@7GHz-13.6GHz@Pass



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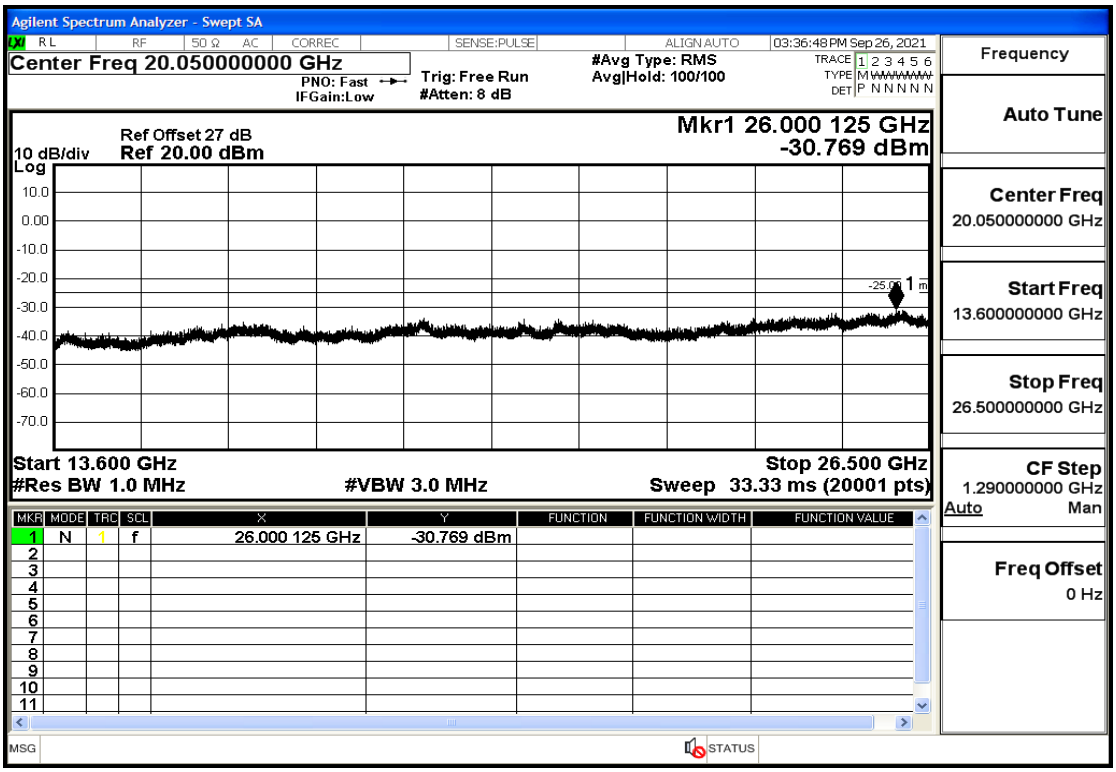
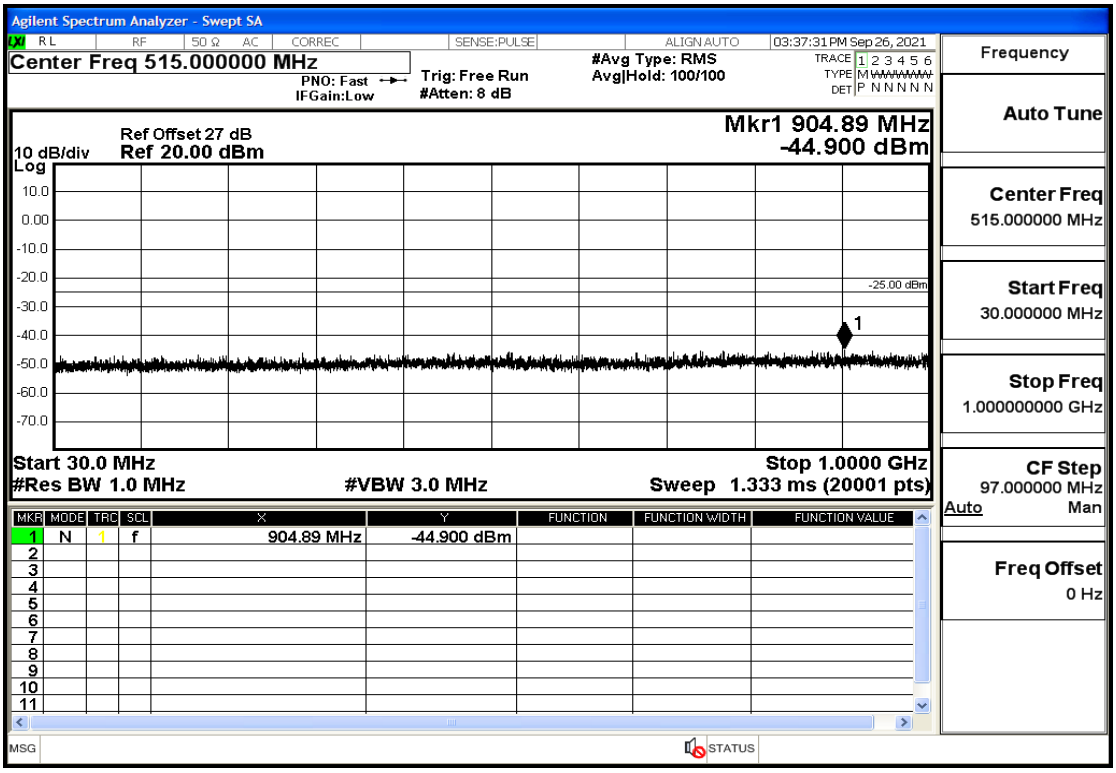
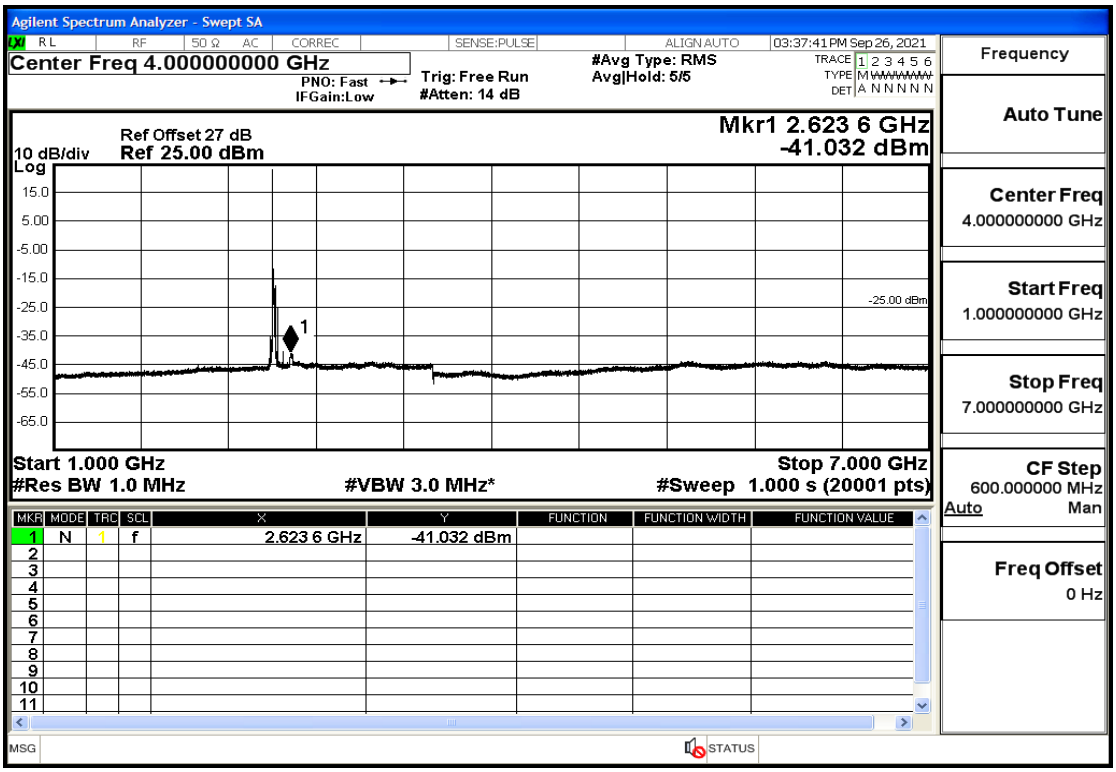


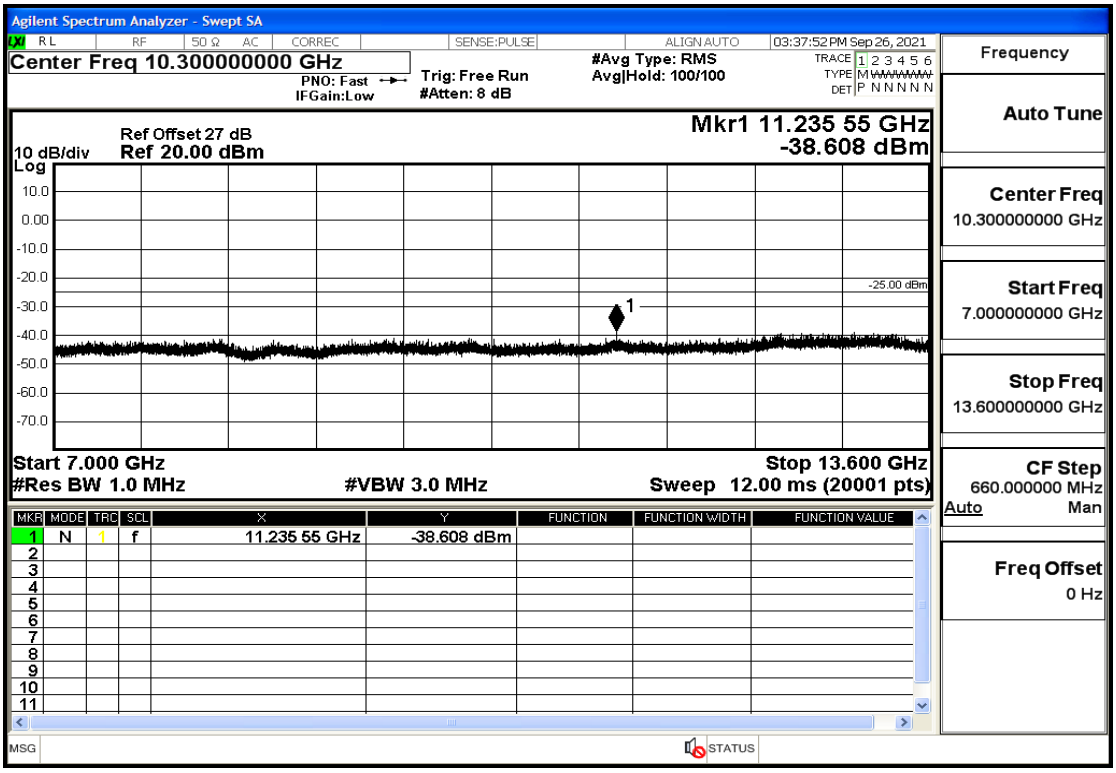
OB7-20-2510-QPSK-1#0@30mHz-1GHz@Pass



OB7-20-2510-QPSK-1#0@1GHz-7GHz@Pass



OB7-20-2510-QPSK-1#0@7GHz-13.6GHz@Pass



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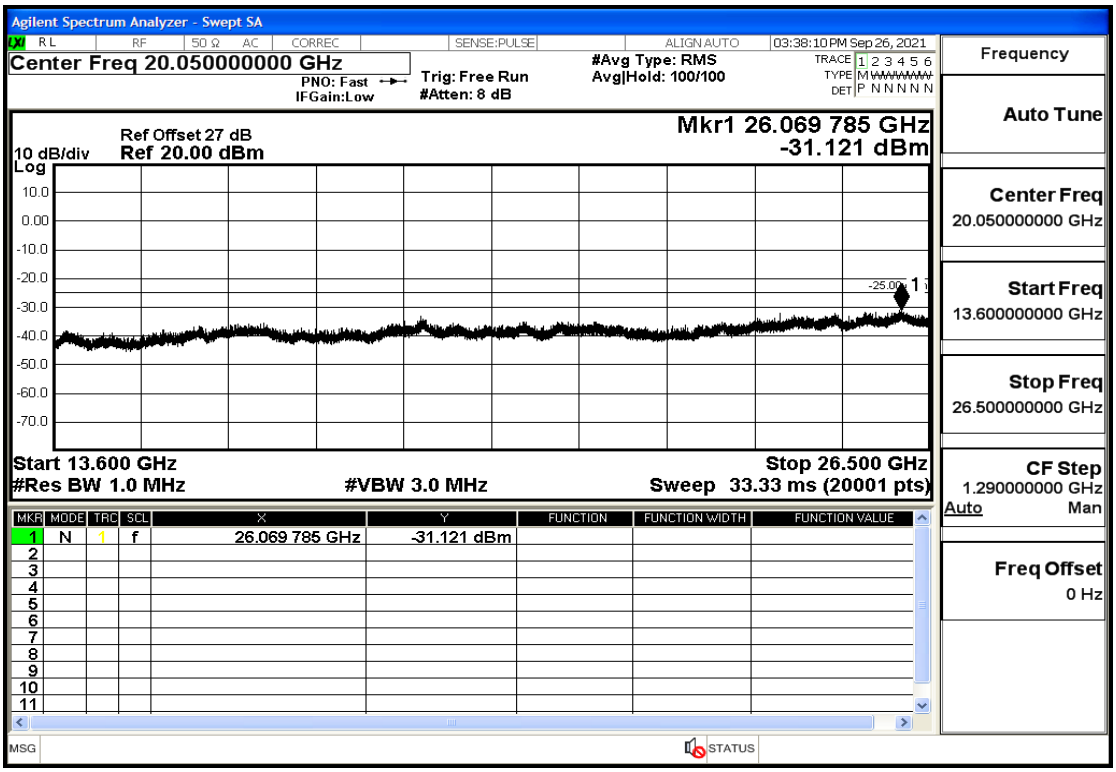
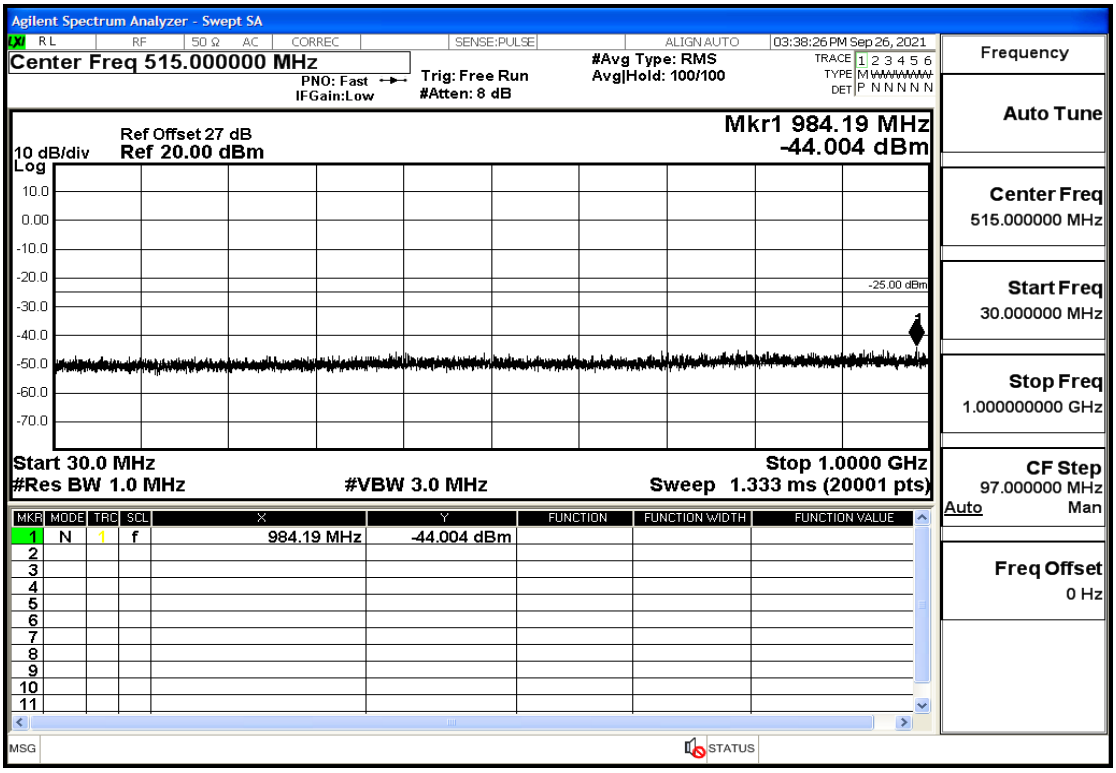
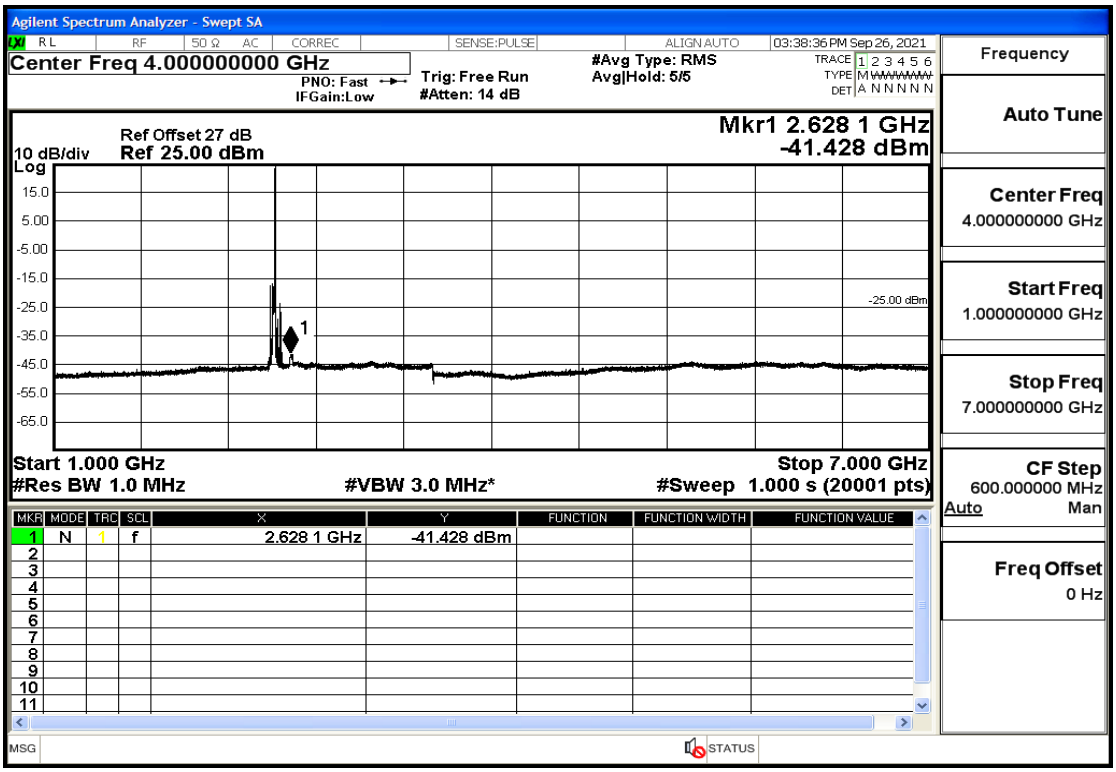


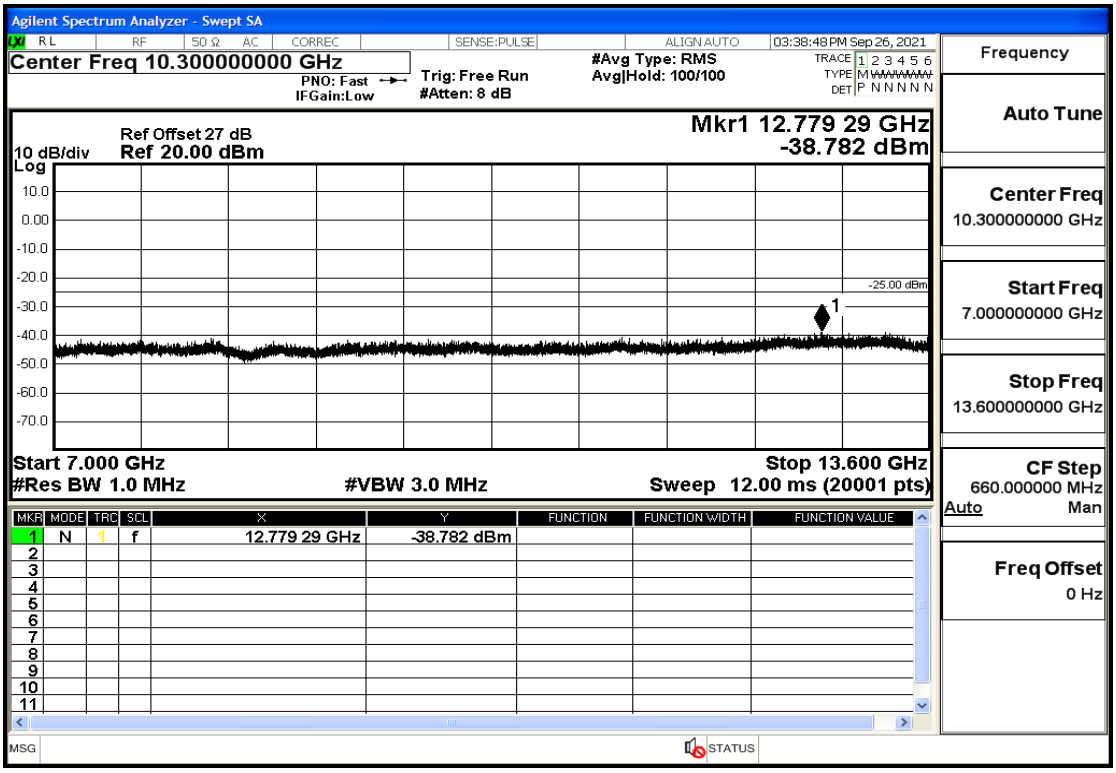
OB7-20-2510-QPSK-1#99@30mHz-1GHz@Pass



OB7-20-2510-QPSK-1#99@1GHz-7GHz@Pass



OB7-20-2510-QPSK-1#99@7GHz-13.6GHz@Pass



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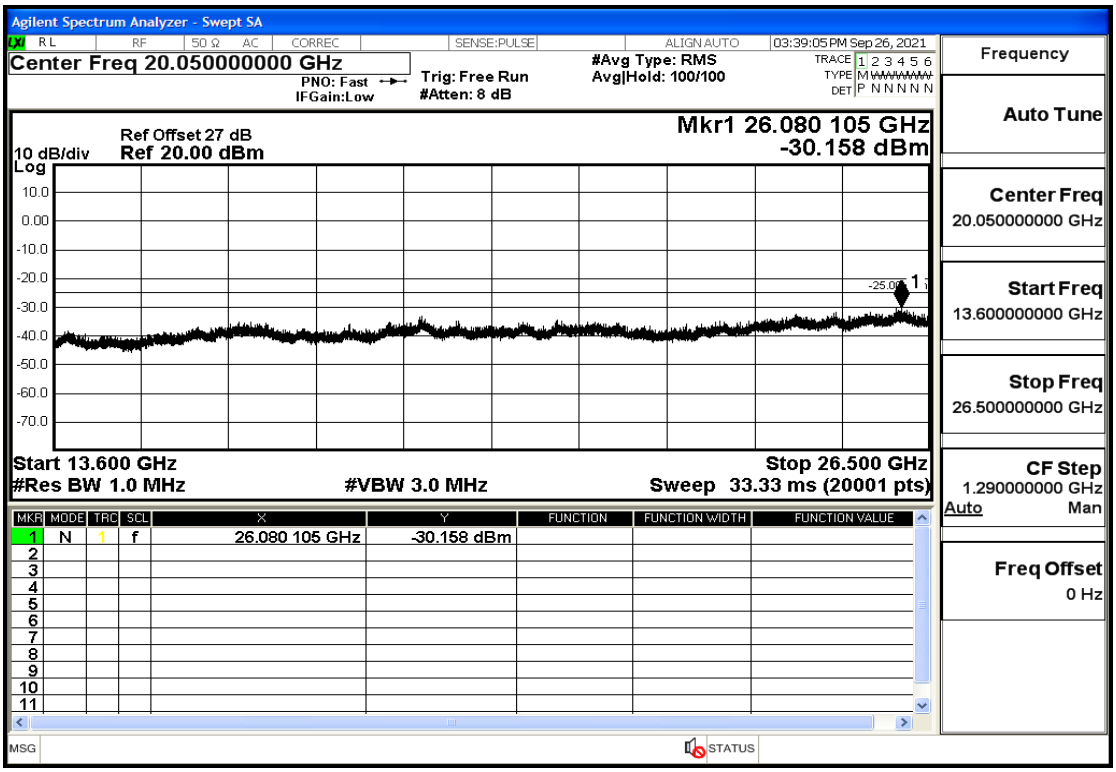
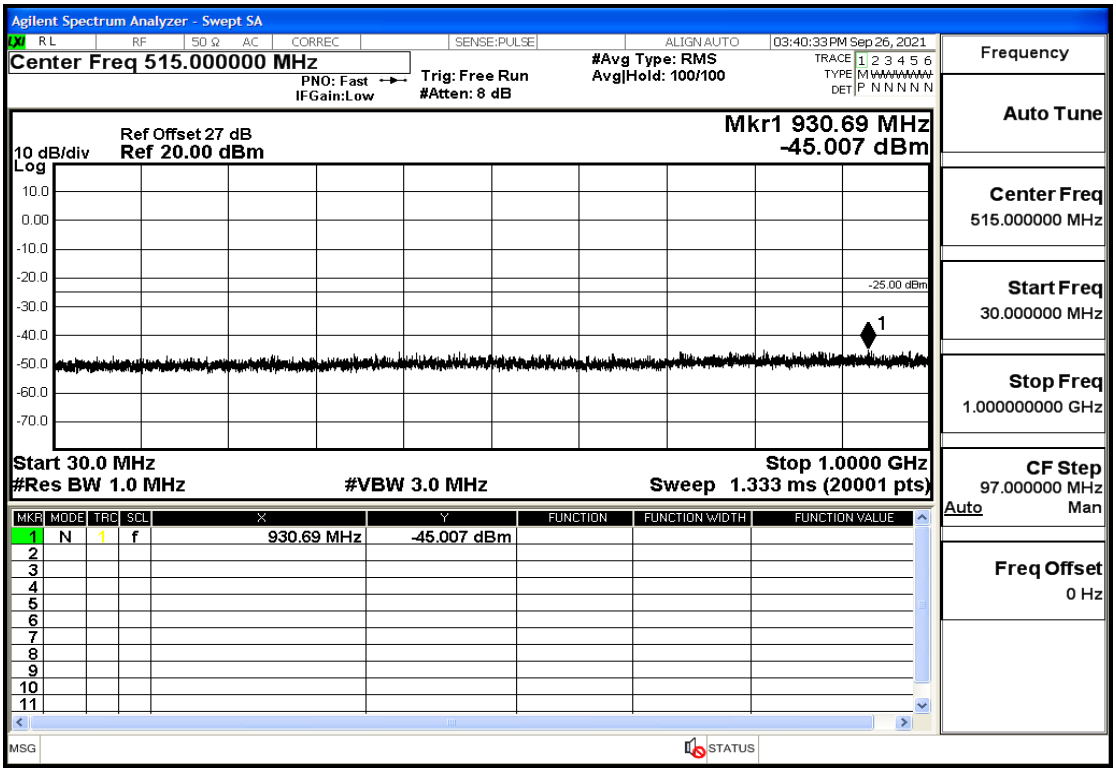
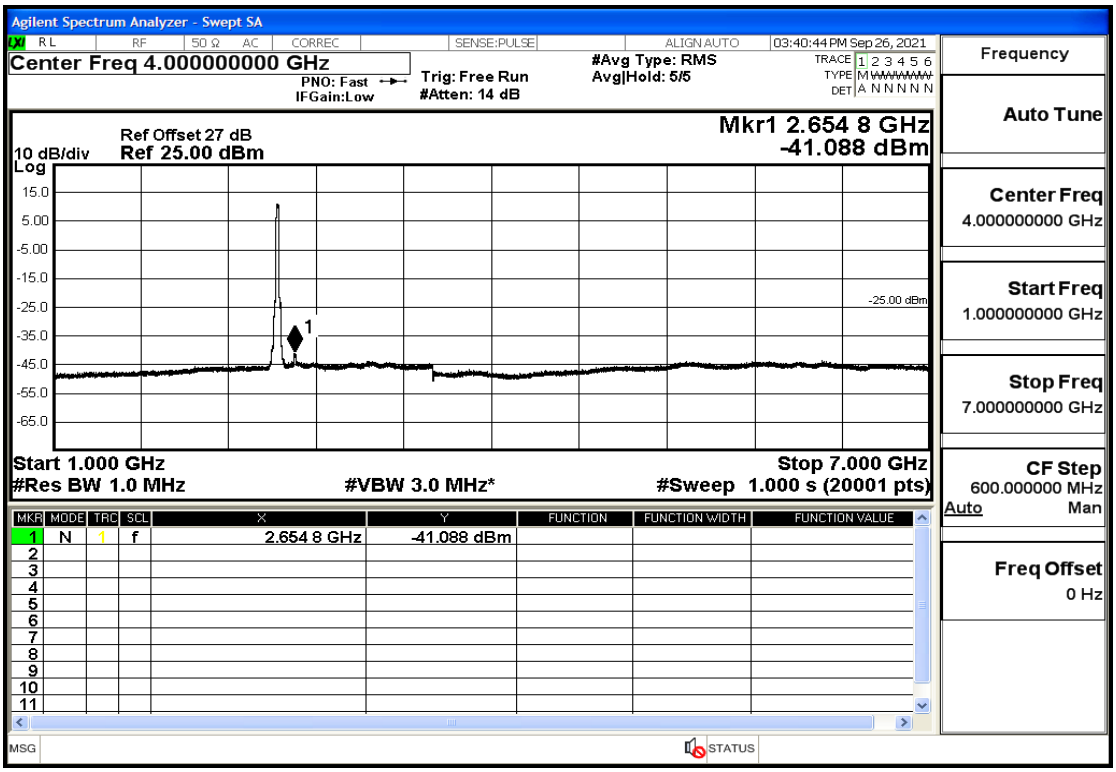


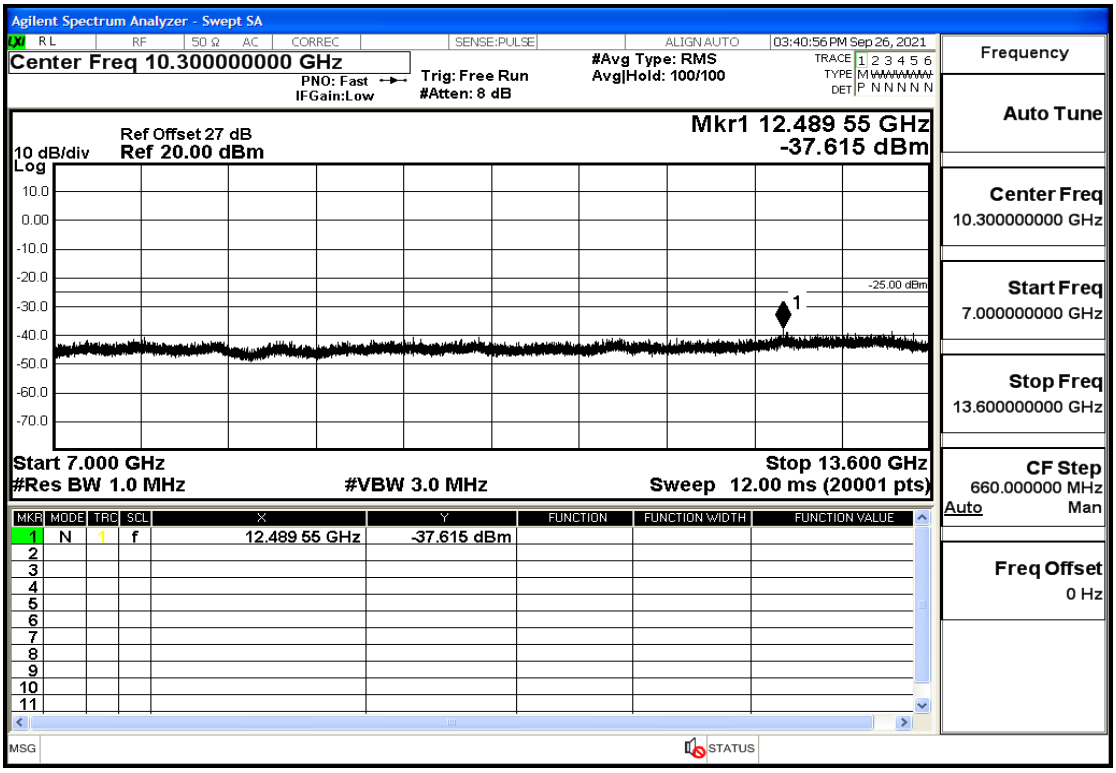
OB7-20-2535-QPSK-100#0@30mHz-1GHz@Pass



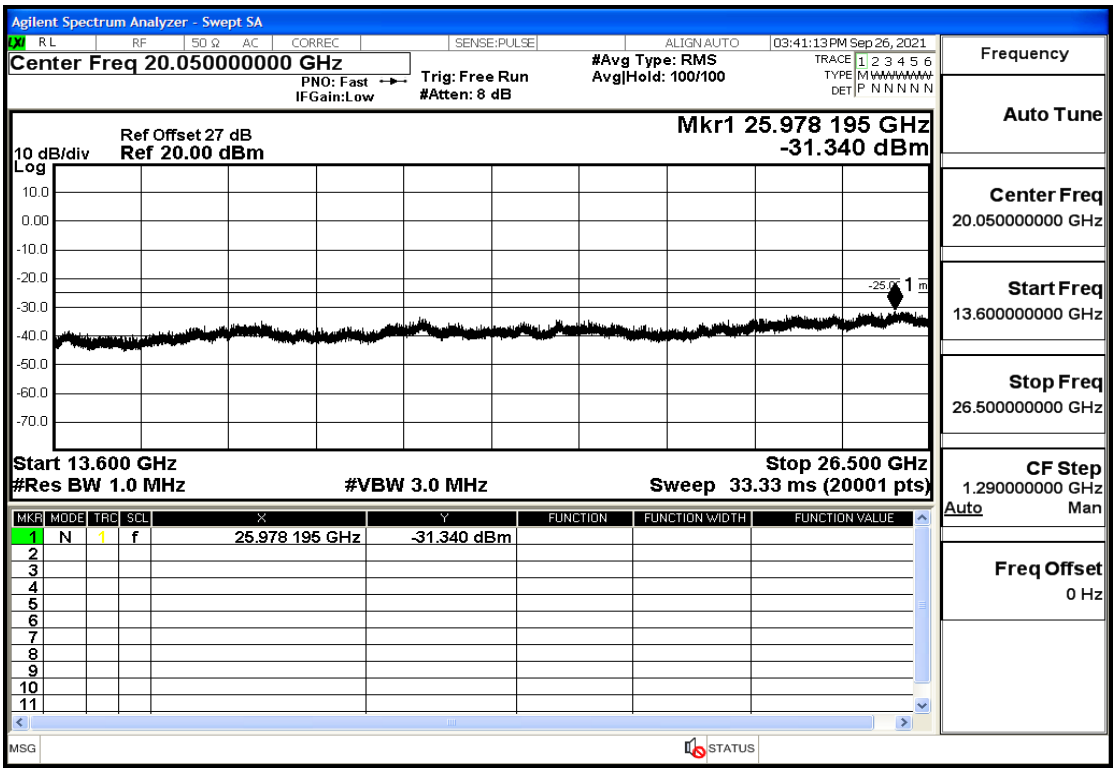
OB7-20-2535-QPSK-100#0@1GHz-7GHz@Pass



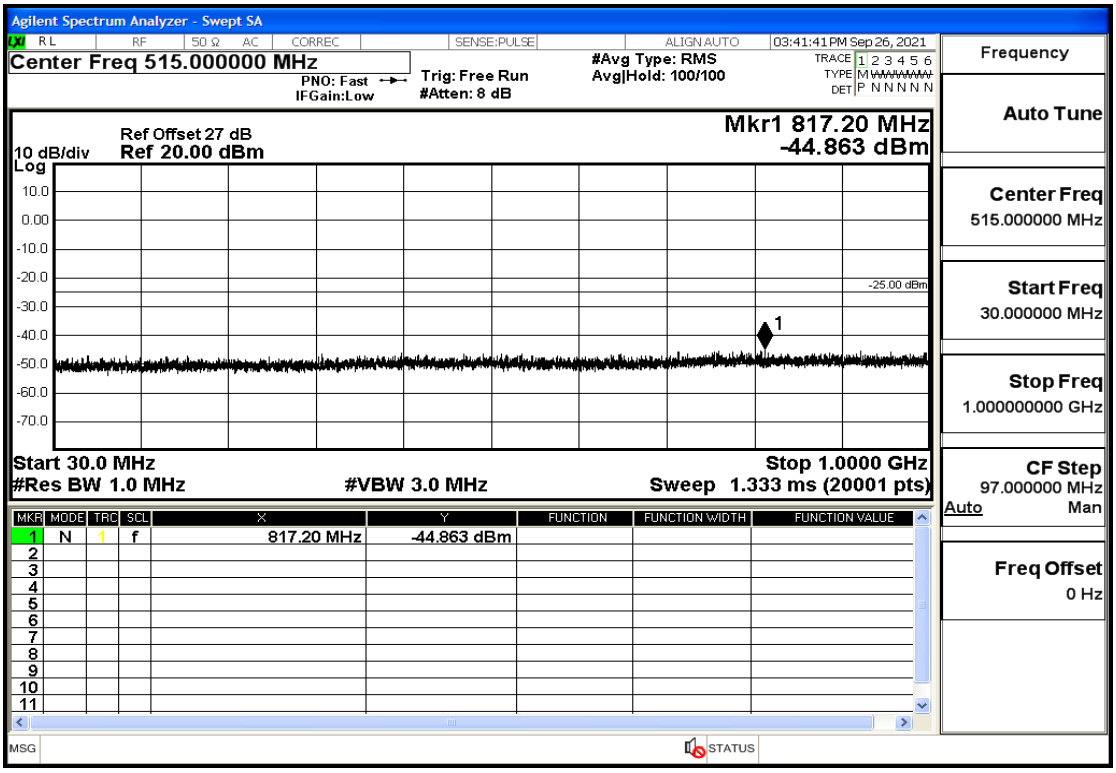
OB7-20-2535-QPSK-100#0@7GHz-13.6GHz@Pass



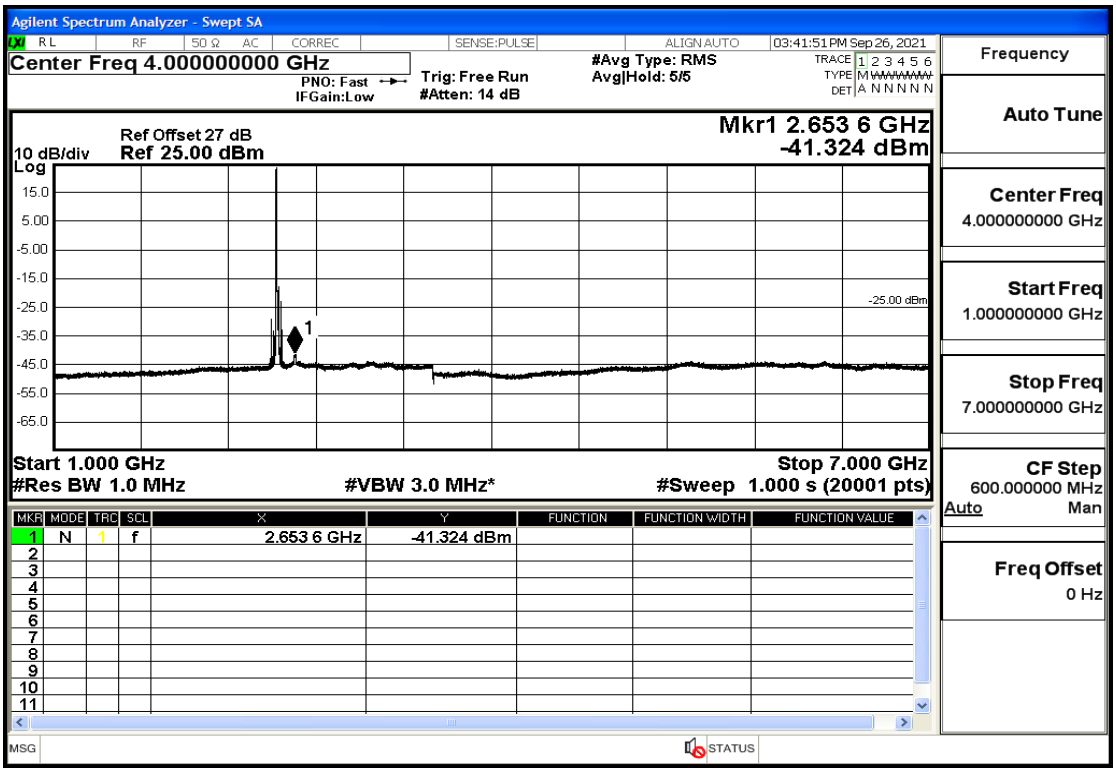
OB7-20-2535-QPSK-100#0@13.6GHz-26.5GHz@Pass



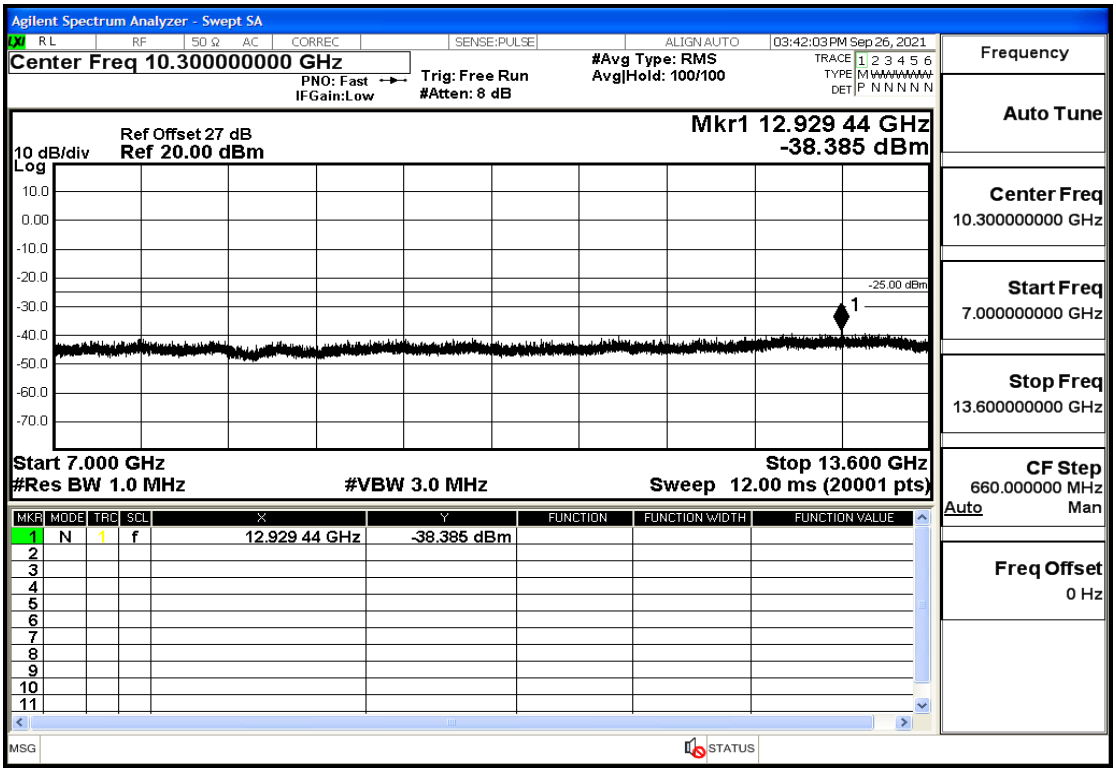
OB7-20-2535-QPSK-1#0@30mHz-1GHz@Pass



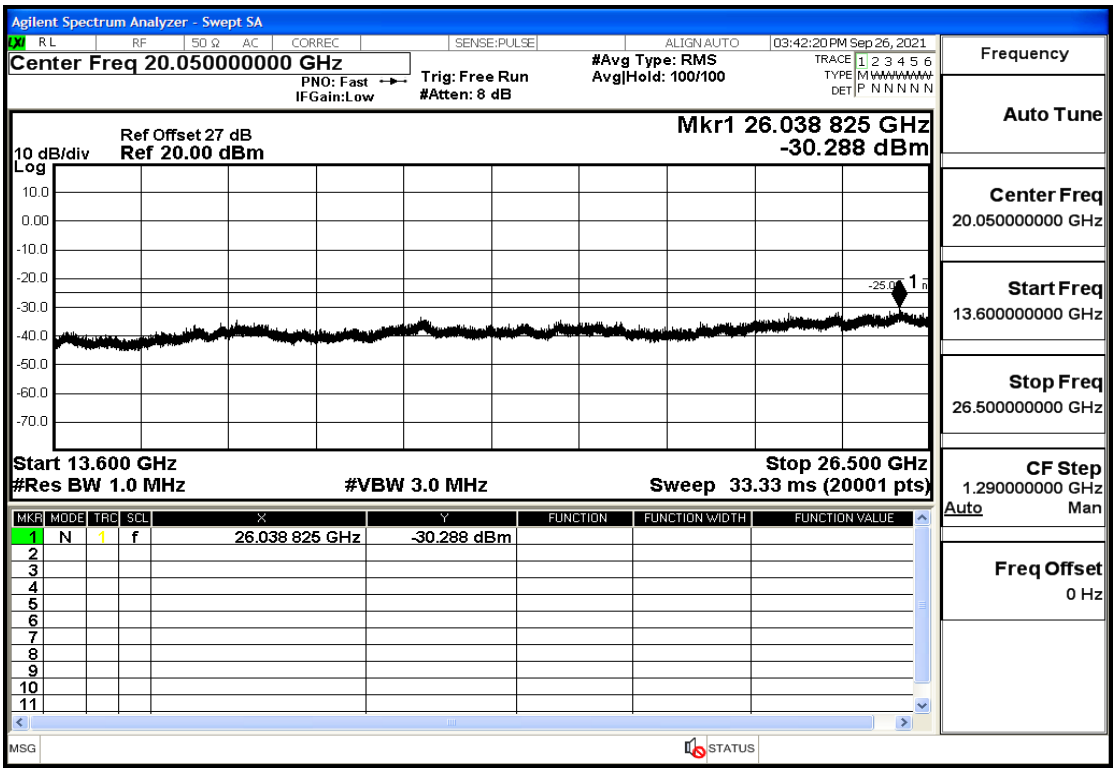
OB7-20-2535-QPSK-1#0@1GHz-7GHz@Pass



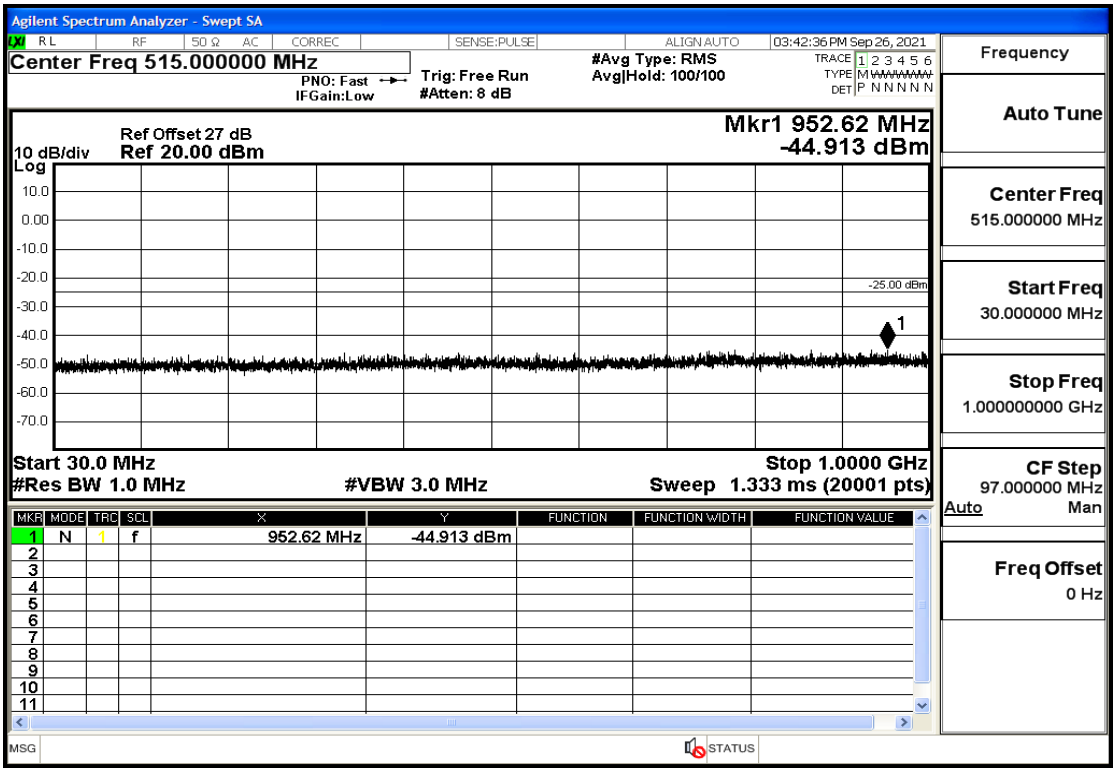
OB7-20-2535-QPSK-1#0@7GHz-13.6GHz@Pass



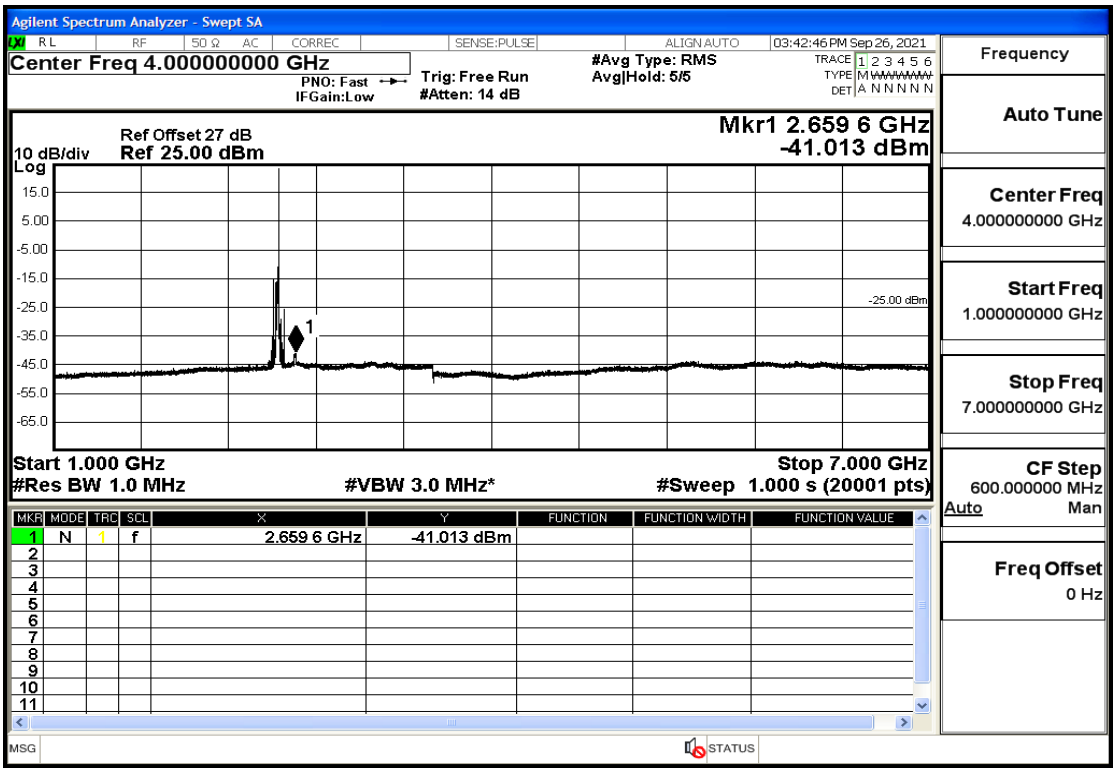
OB7-20-2535-QPSK-1#0@13.6GHz-26.5GHz@Pass



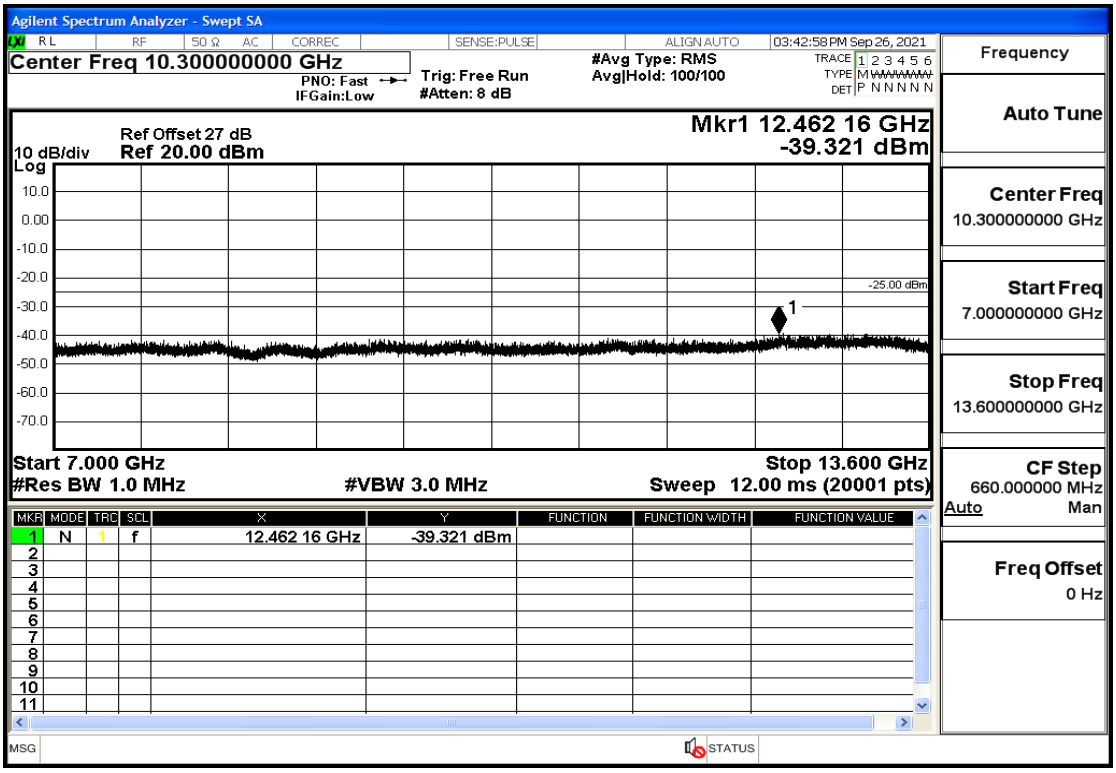
OB7-20-2535-QPSK-1#99@30mHz-1GHz@Pass



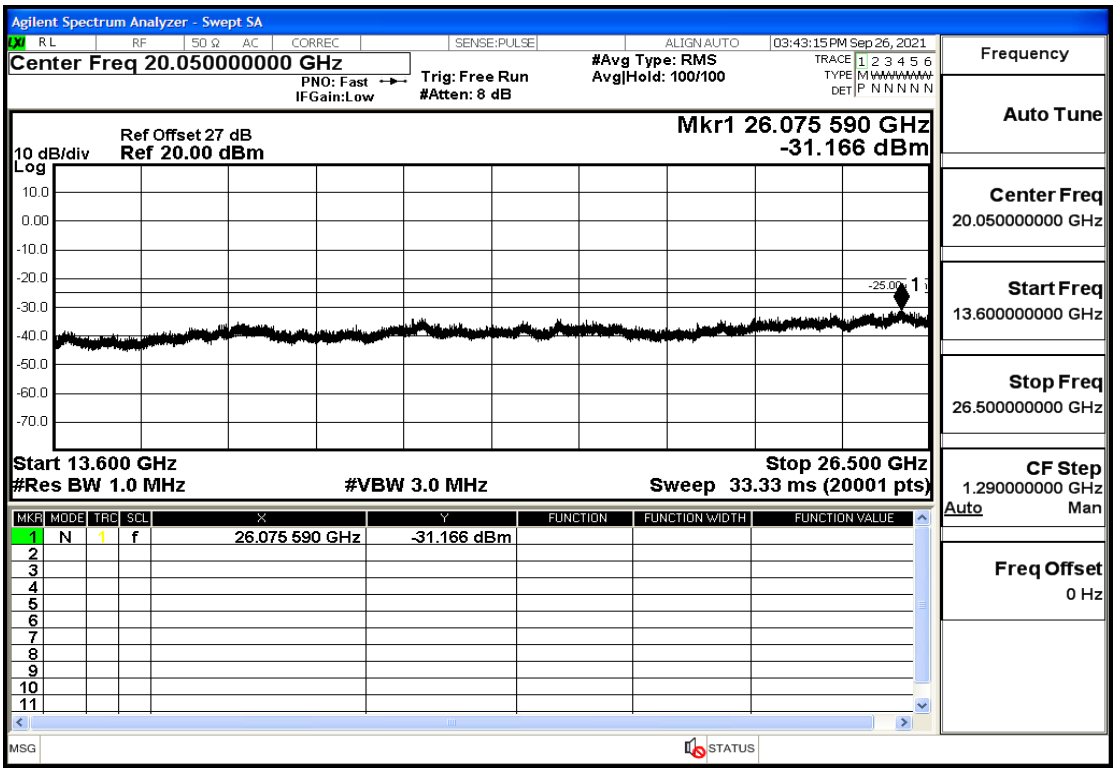
OB7-20-2535-QPSK-1#99@1GHz-7GHz@Pass



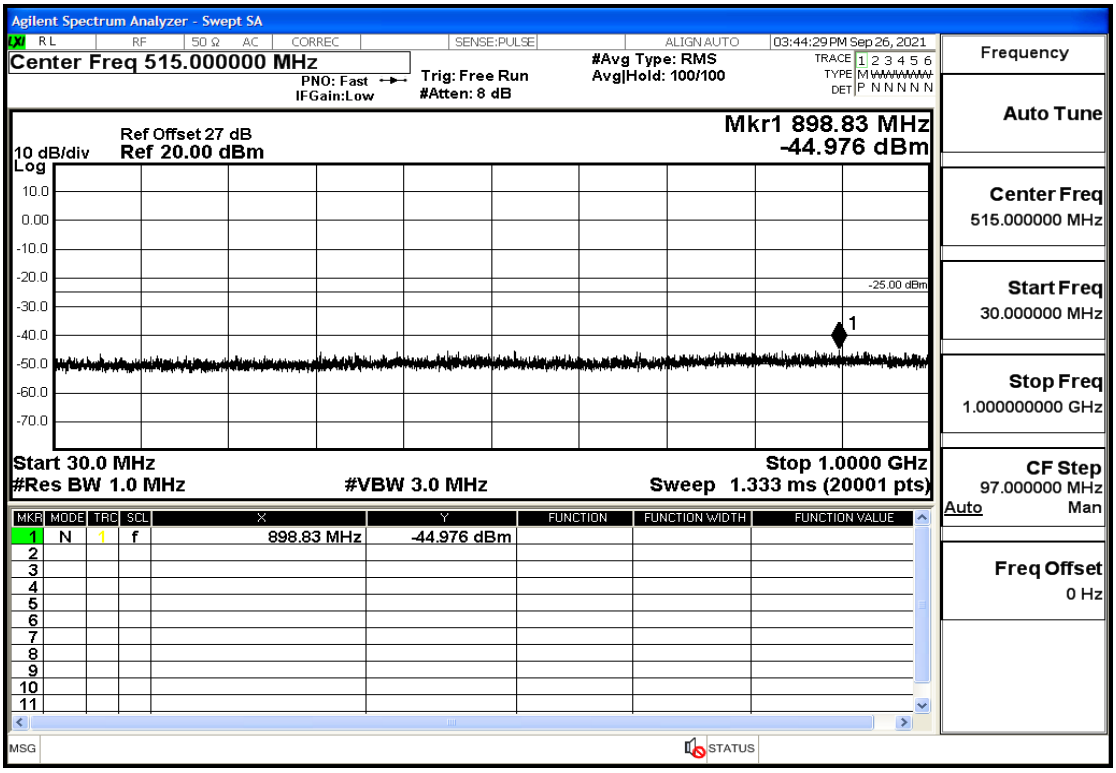
OB7-20-2535-QPSK-1#99@7GHz-13.6GHz@Pass



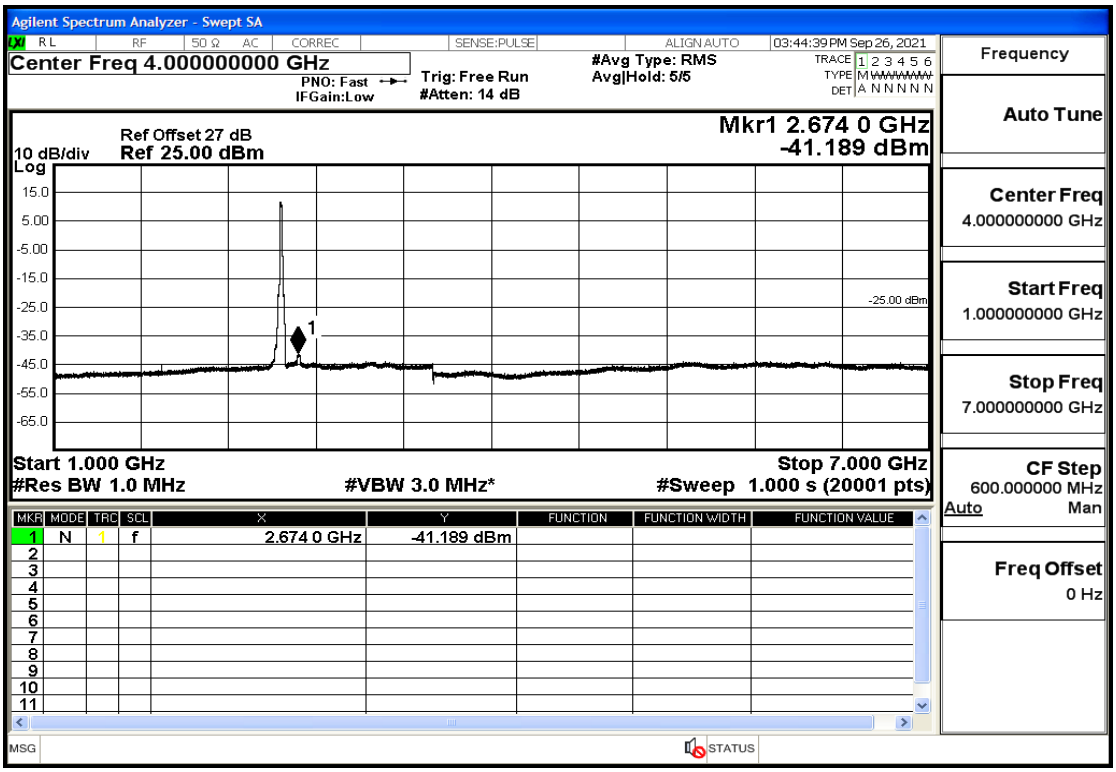
OB7-20-2535-QPSK-1#99@13.6GHz-26.5GHz@Pass



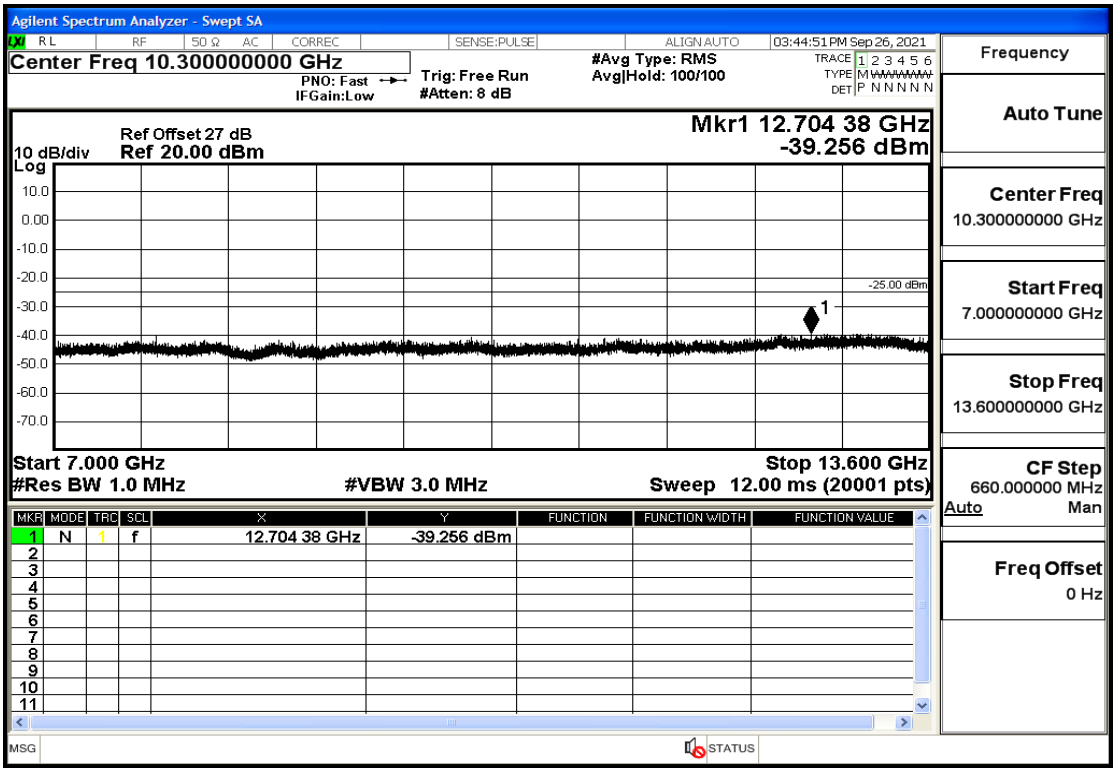
OB7-20-2560-QPSK-100#0@30mHz-1GHz@Pass



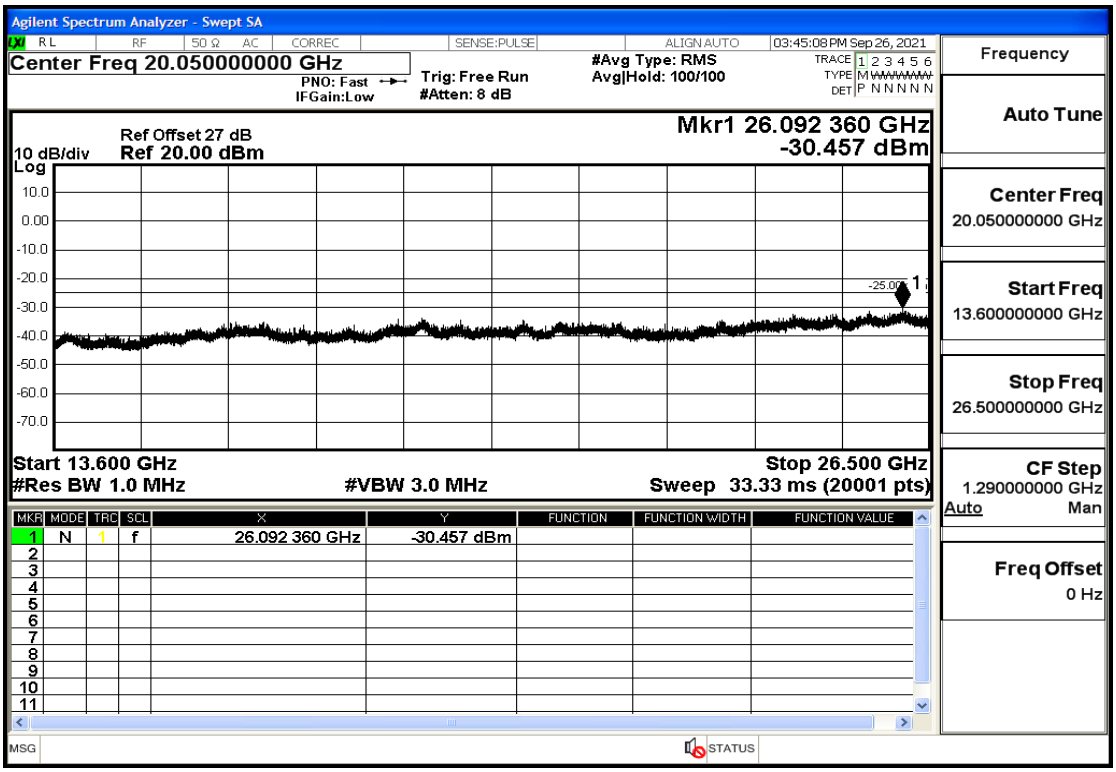
OB7-20-2560-QPSK-100#0@1GHz-7GHz@Pass



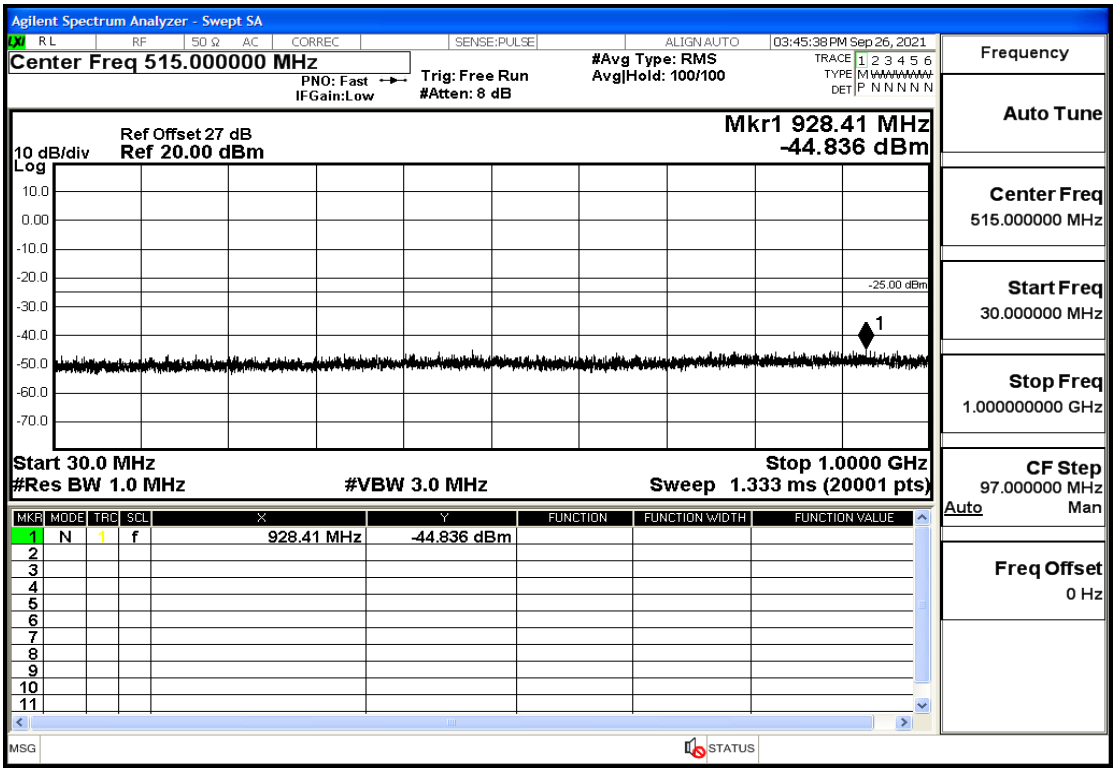
OB7-20-2560-QPSK-100#0@7GHz-13.6GHz@Pass



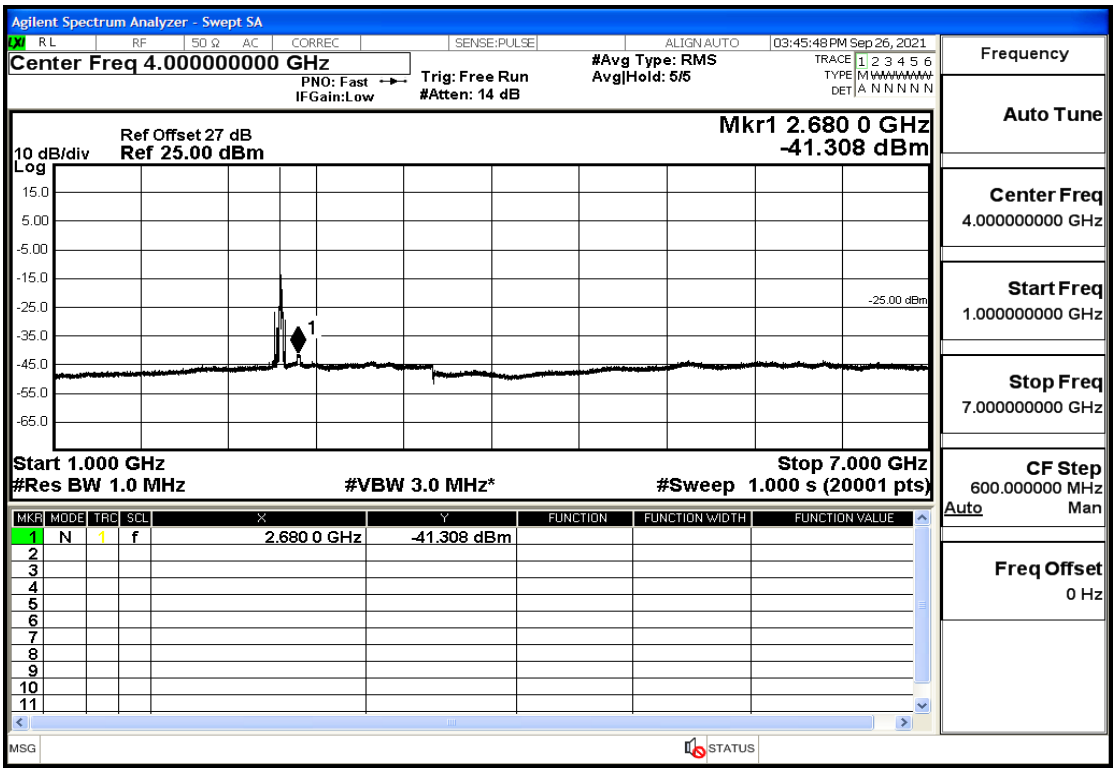
OB7-20-2560-QPSK-100#0@13.6GHz-26.5GHz@Pass



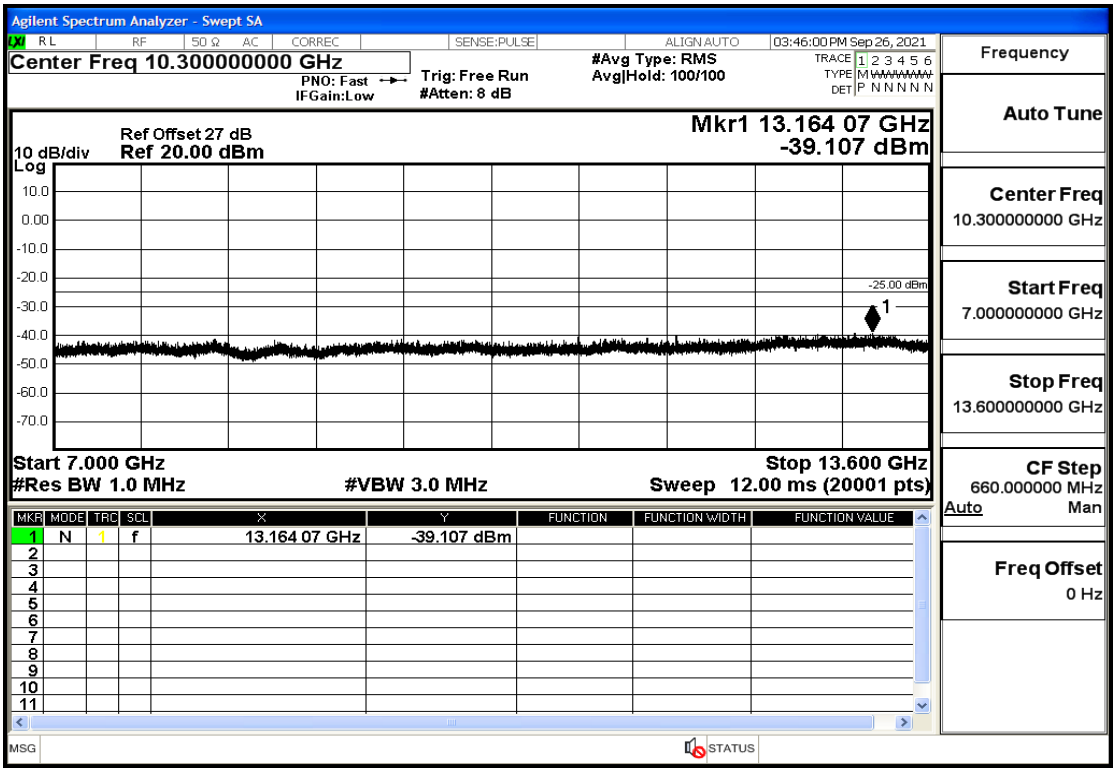
OB7-20-2560-QPSK-1#0@30mHz-1GHz@Pass



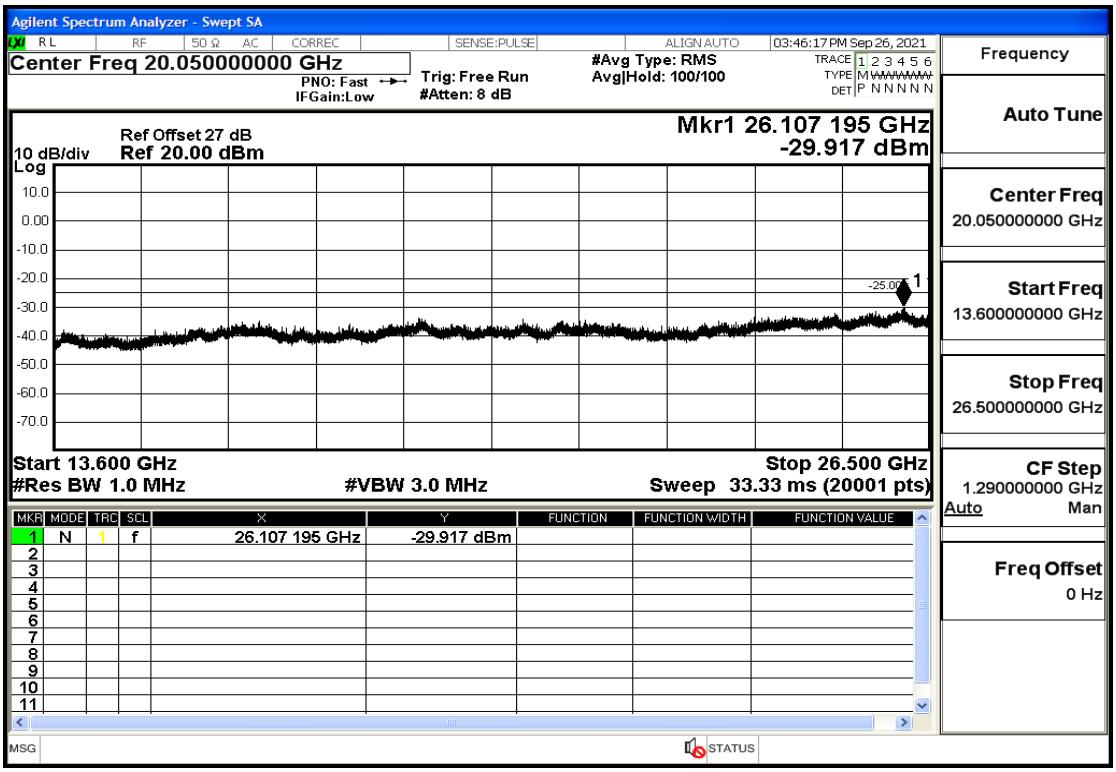
OB7-20-2560-QPSK-1#0@1GHz-7GHz@Pass



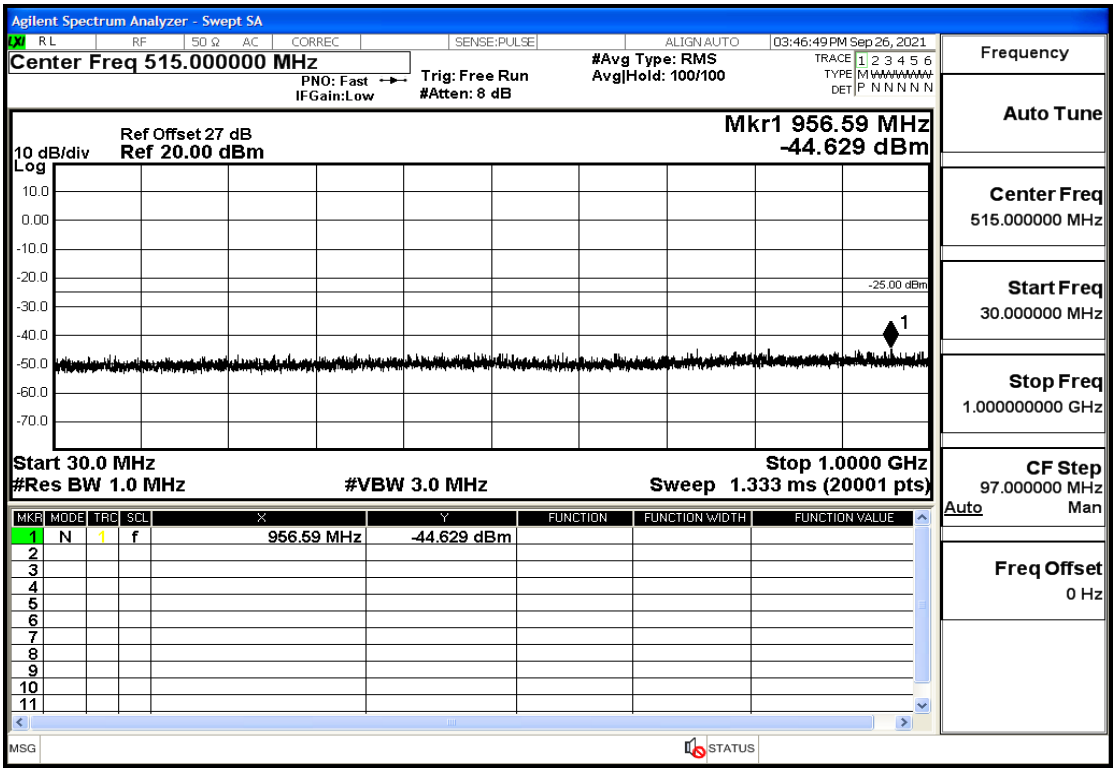
OB7-20-2560-QPSK-1#0@7GHz-13.6GHz@Pass



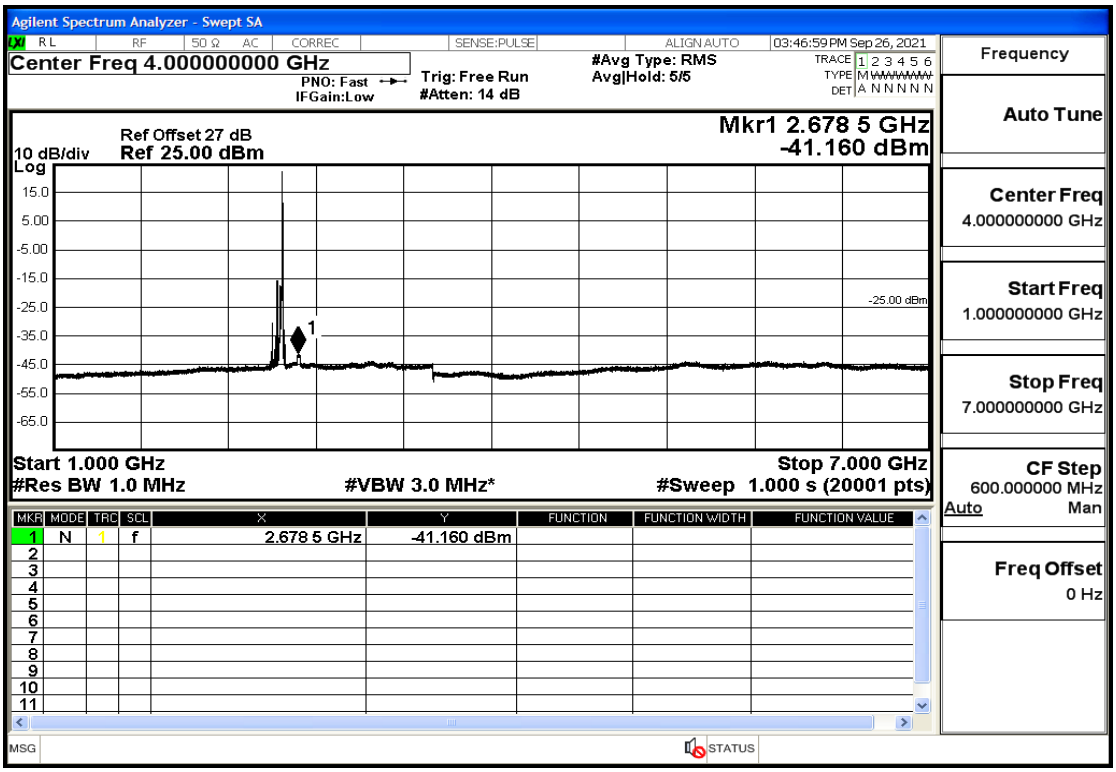
OB7-20-2560-QPSK-1#0@13.6GHz-26.5GHz@Pass



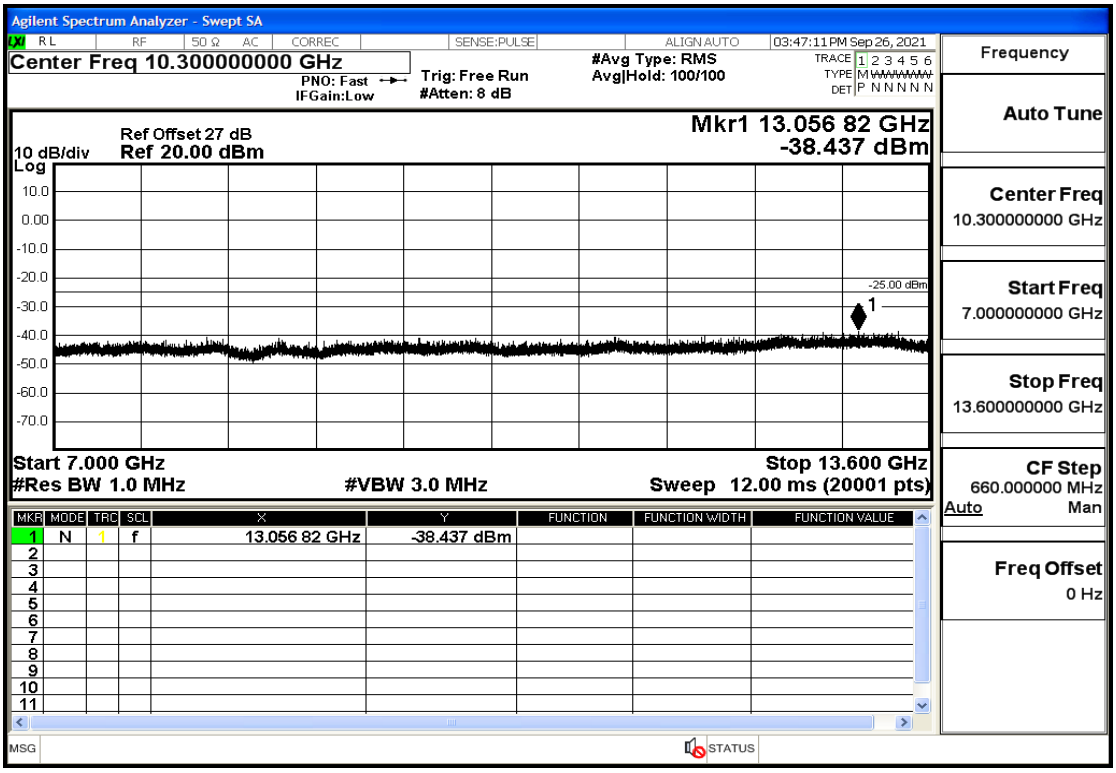
OB7-20-2560-QPSK-1#99@30mHz-1GHz@Pass



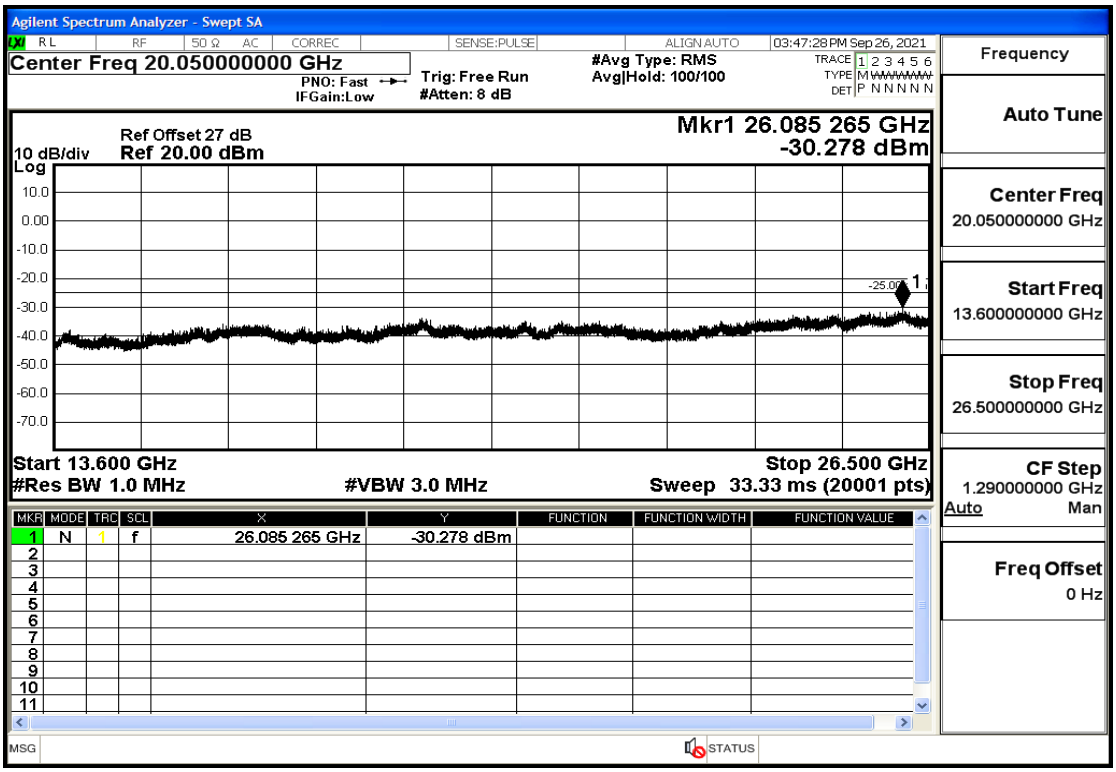
OB7-20-2560-QPSK-1#99@1GHz-7GHz@Pass



OB7-20-2560-QPSK-1#99@7GHz-13.6GHz@Pass



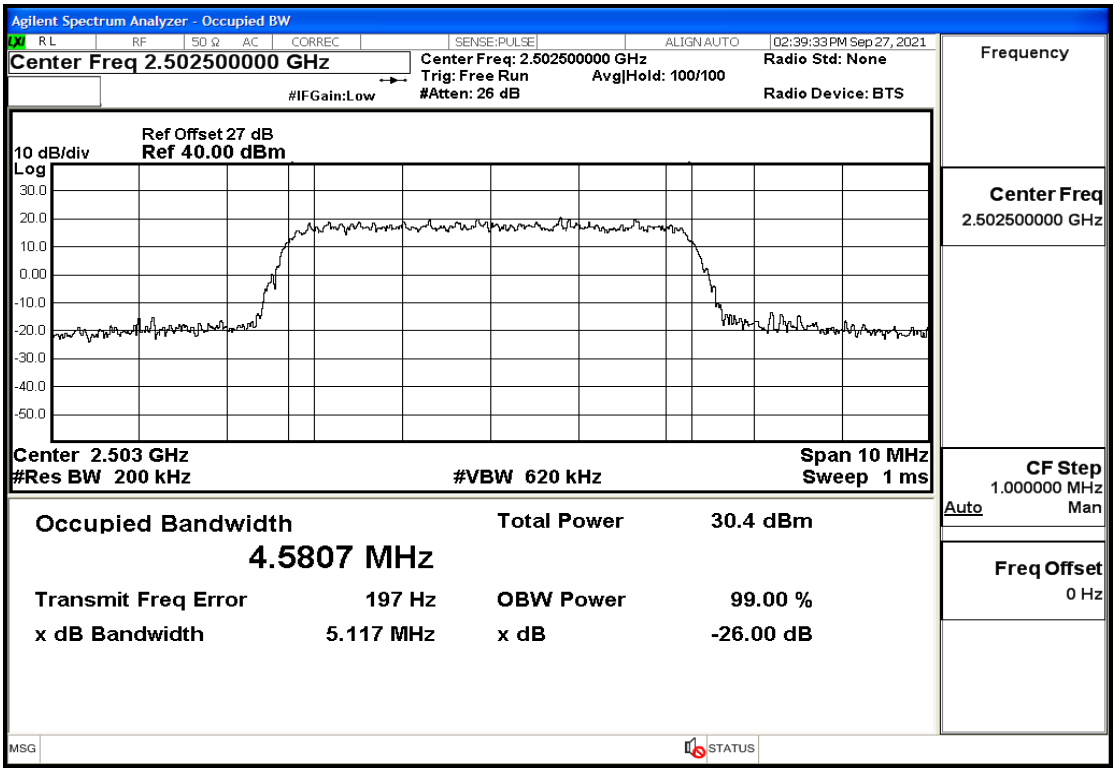
OB7-20-2560-QPSK-1#99@13.6GHz-26.5GHz@Pass



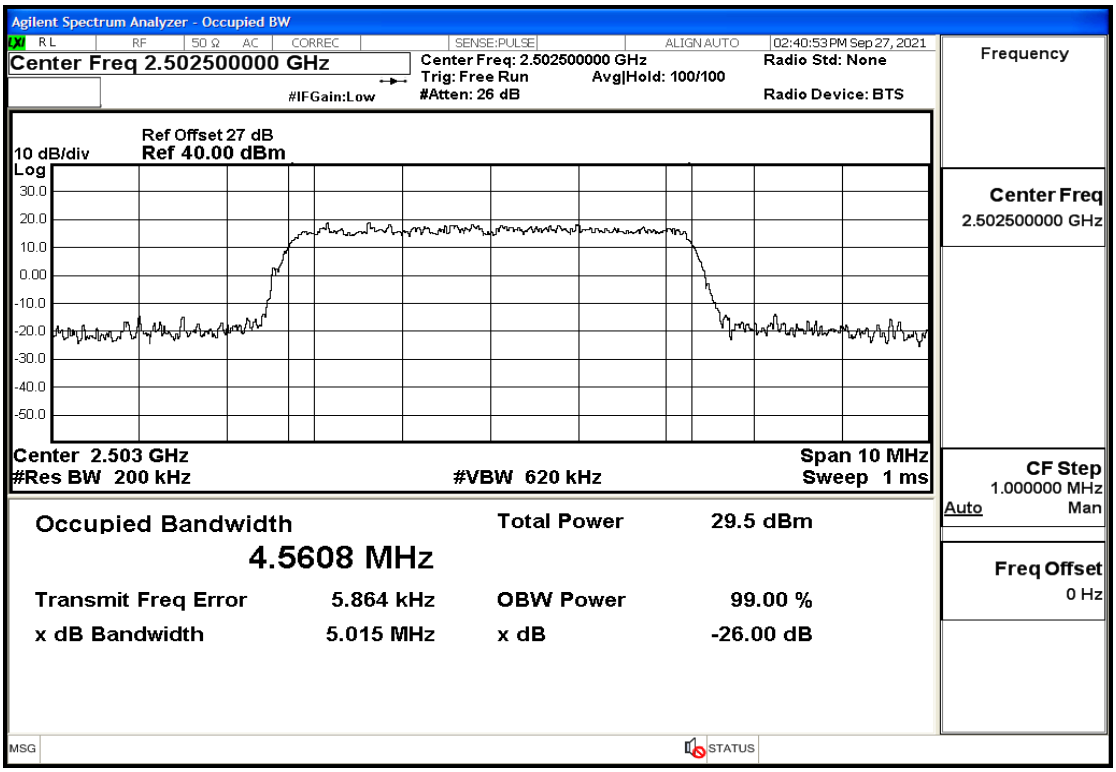
Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band7	5	2502.5	QPSK	25	LOW	4580.7	5117	No limit
Band7	5	2502.5	16QAM	25	LOW	4560.8	5015	No limit
Band7	5	2535	QPSK	25	LOW	4574	5007	No limit
Band7	5	2535	16QAM	25	LOW	4573.1	5062	No limit
Band7	5	2567.5	QPSK	25	LOW	4565.1	5082	No limit
Band7	5	2567.5	16QAM	25	LOW	4580.4	5033	No limit
Band7	10	2505	QPSK	50	LOW	9112.3	10090	No limit
Band7	10	2505	16QAM	12	LOW	3963.1	7173	No limit
Band7	10	2535	QPSK	50	LOW	9124.5	10190	No limit
Band7	10	2535	16QAM	12	LOW	4606	8169	No limit
Band7	10	2565	QPSK	50	LOW	9119	10150	No limit
Band7	10	2565	16QAM	12	LOW	4103.7	8175	No limit
Band7	15	2507.5	QPSK	75	LOW	13680	15340	No limit
Band7	15	2507.5	16QAM	16	LOW	5753.4	9484	No limit
Band7	15	2535	QPSK	75	LOW	13645	15160	No limit
Band7	15	2535	16QAM	16	LOW	5510.7	9806	No limit
Band7	15	2562.5	QPSK	75	LOW	13696	15210	No limit
Band7	15	2562.5	16QAM	16	LOW	5863.2	10630	No limit
Band7	20	2510	QPSK	100	LOW	18231	20070	No limit
Band7	20	2510	16QAM	18	LOW	7332.2	14160	No limit
Band7	20	2535	QPSK	100	LOW	18236	20150	No limit
Band7	20	2535	16QAM	18	LOW	8493.2	14990	No limit
Band7	20	2560	QPSK	100	LOW	18256	20300	No limit
Band7	20	2560	16QAM	18	LOW	7753.7	13210	No limit

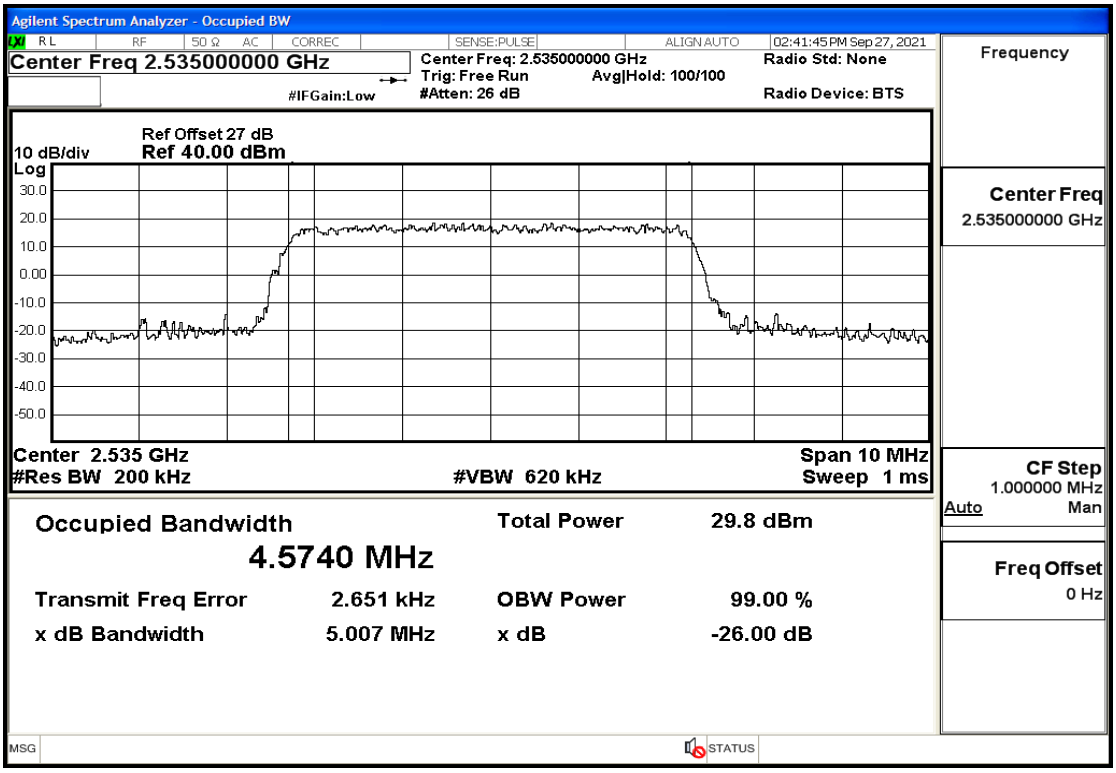
Band7-5-2502.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



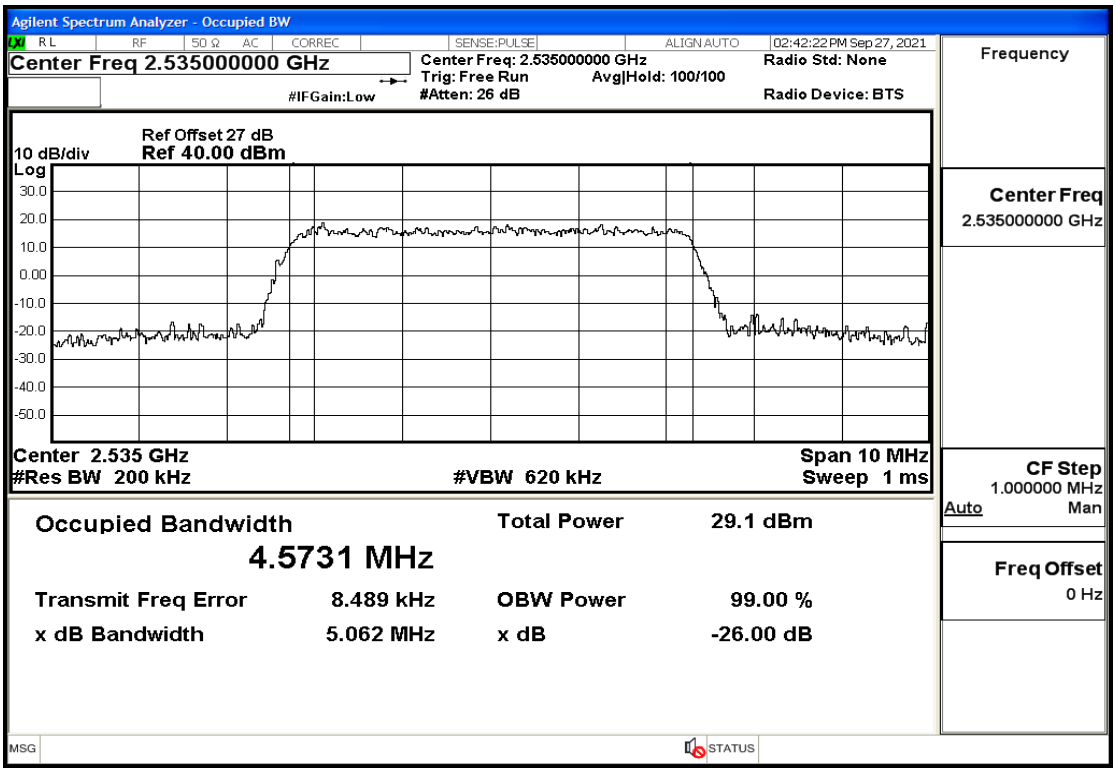
Band7-5-2502.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



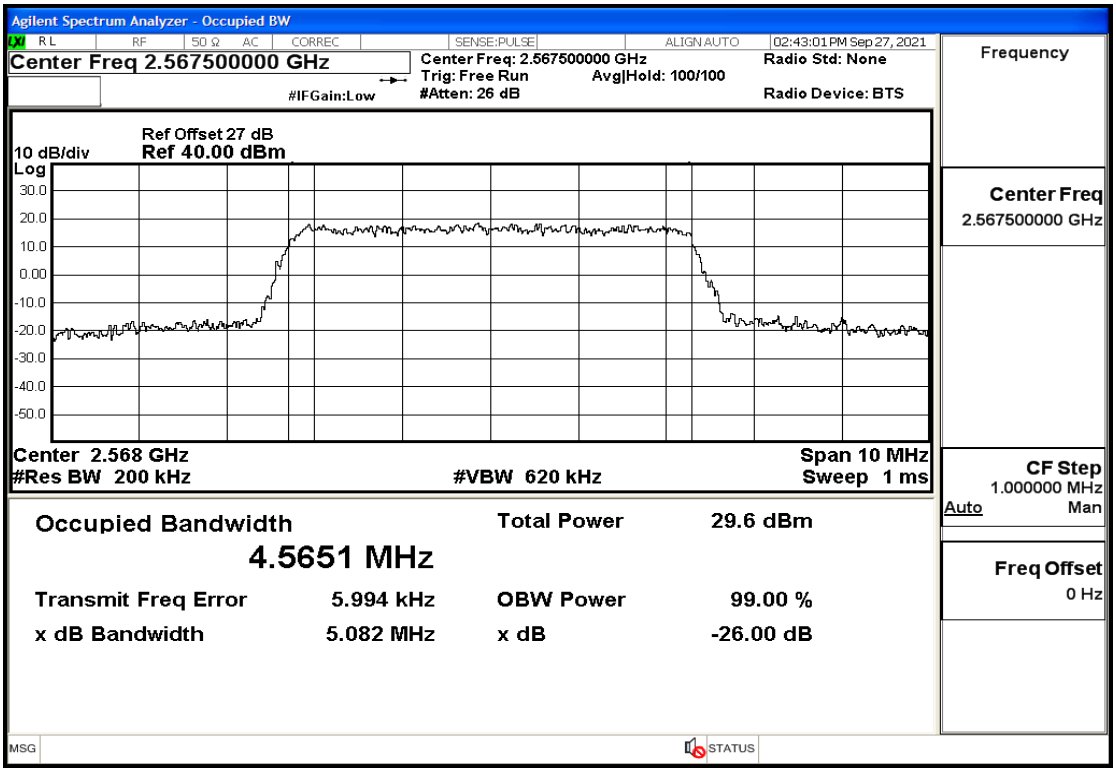
Band7-5-2535-QPSK-25#LOW@26dB and 99PCT Bandwidth



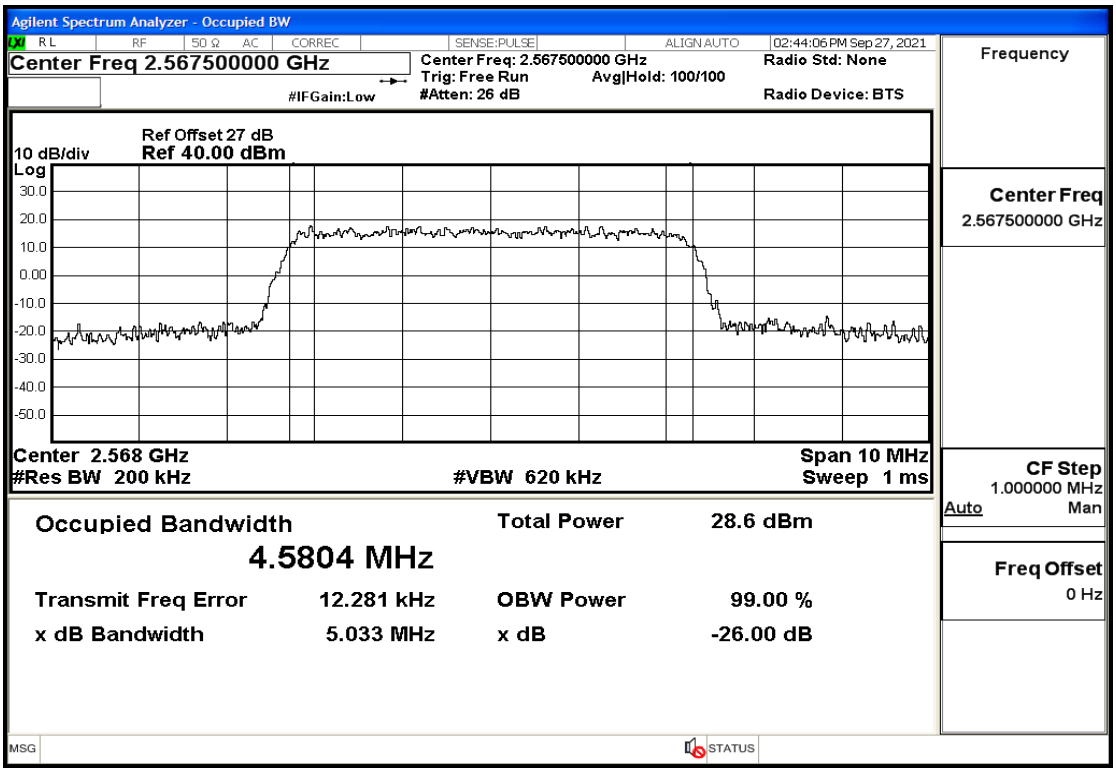
Band7-5-2535-16QAM-25#LOW@26dB and 99PCT Bandwidth



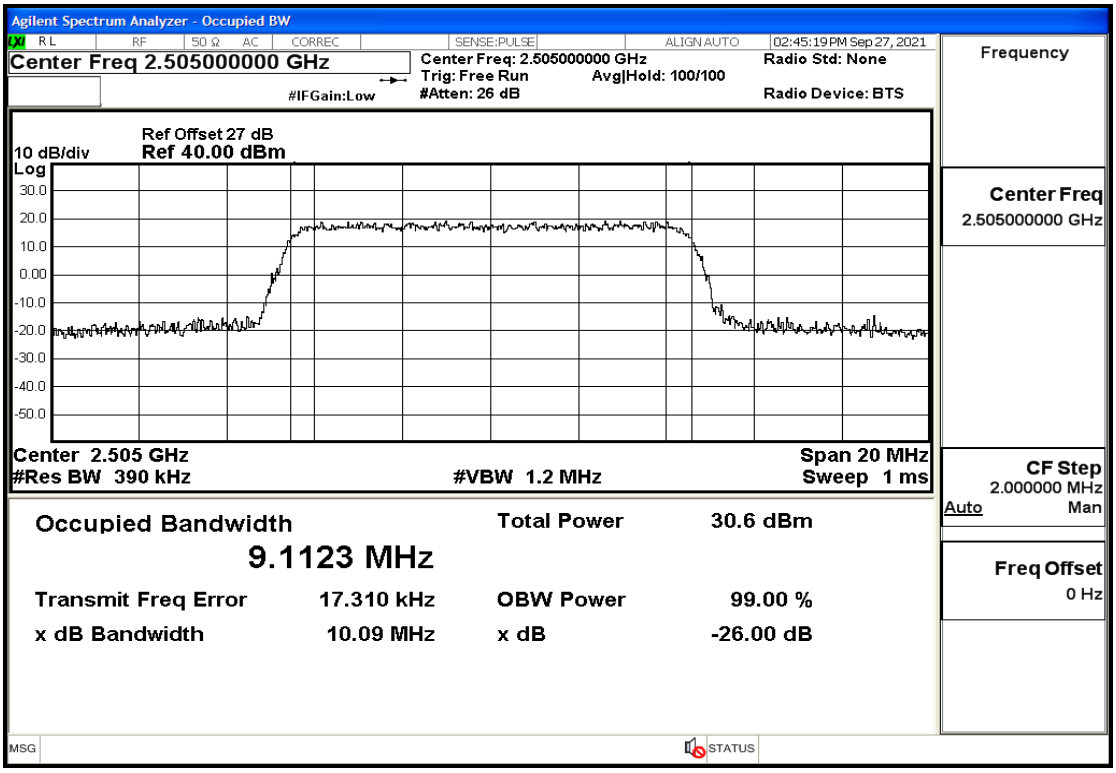
Band7-5-2567.5-QPSK-25#LOW@26dB and 99PCT Bandwidth



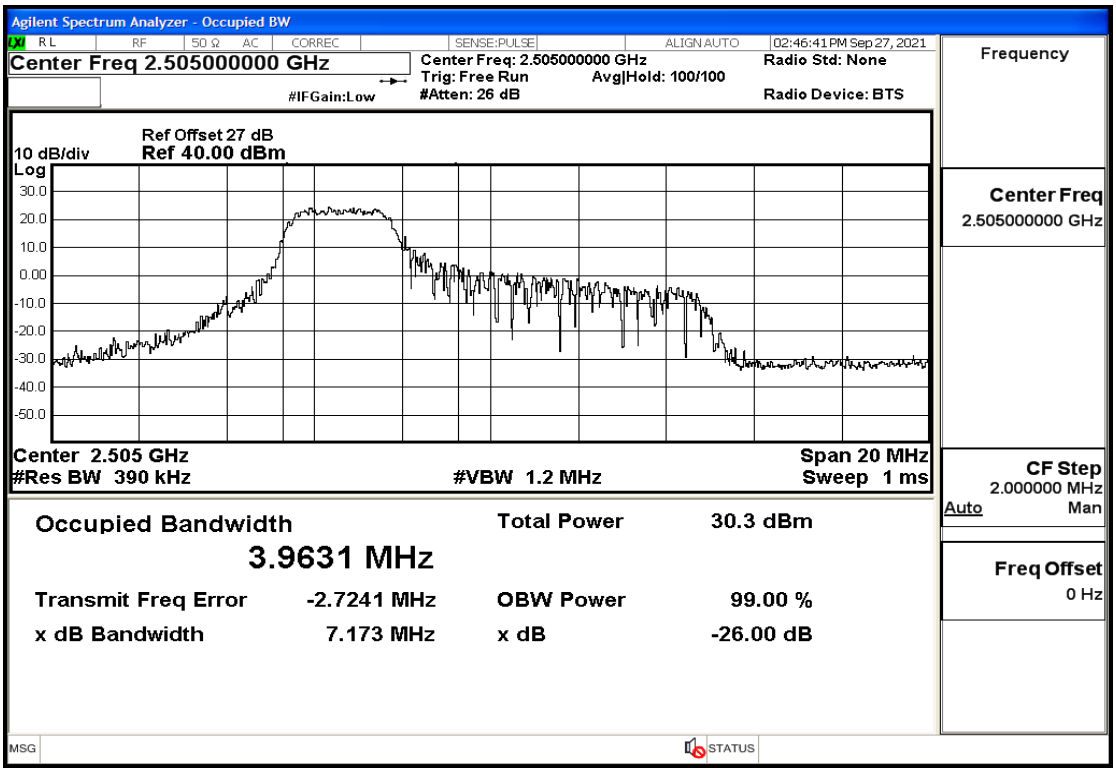
Band7-5-2567.5-16QAM-25#LOW@26dB and 99PCT Bandwidth



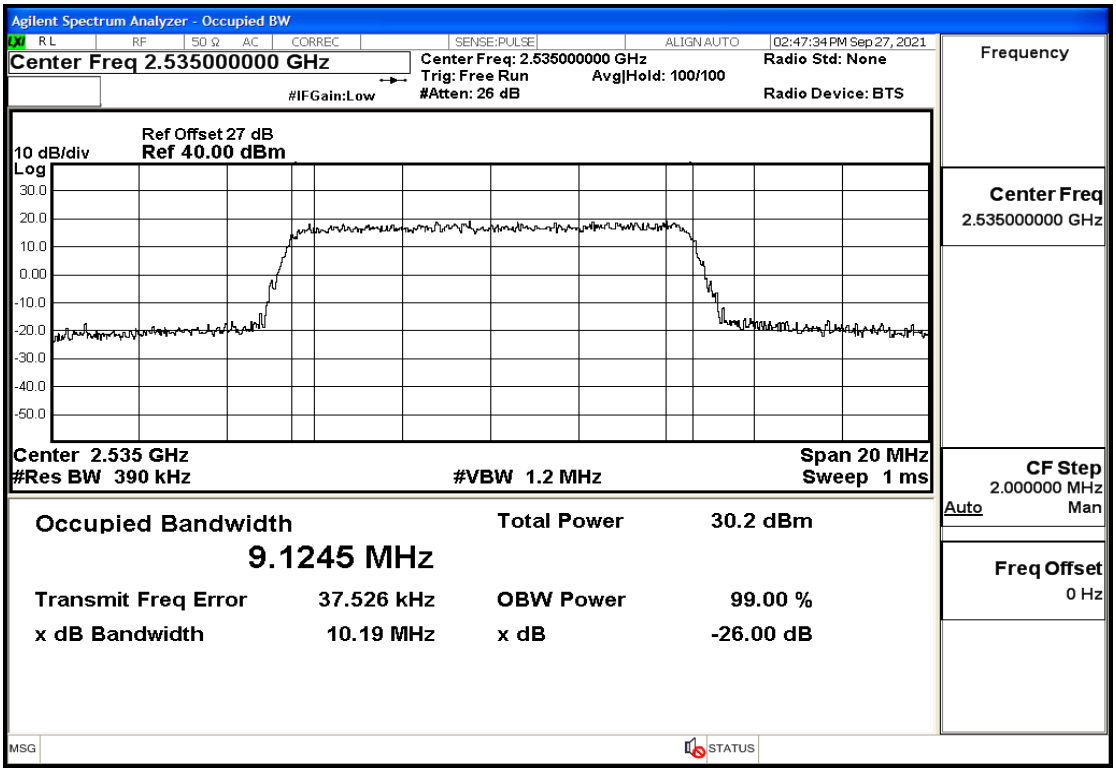
Band7-10-2505-QPSK-50#LOW@26dB and 99PCT Bandwidth



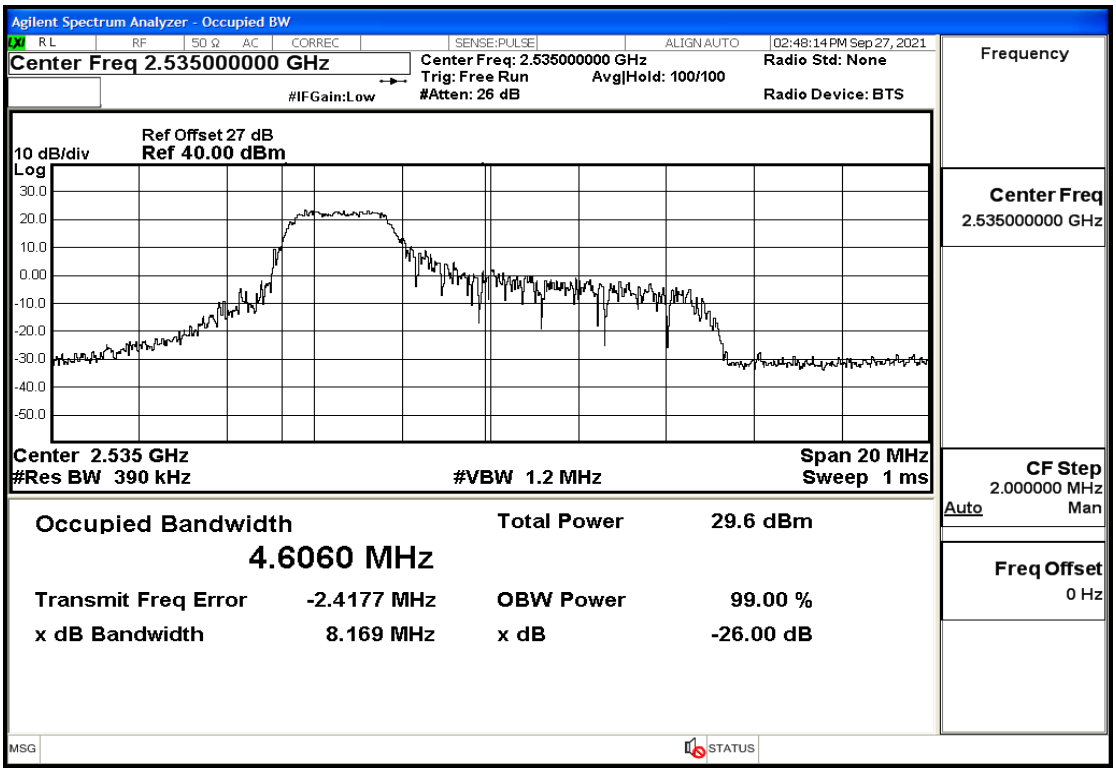
Band7-10-2505-16QAM-12#LOW@26dB and 99PCT Bandwidth



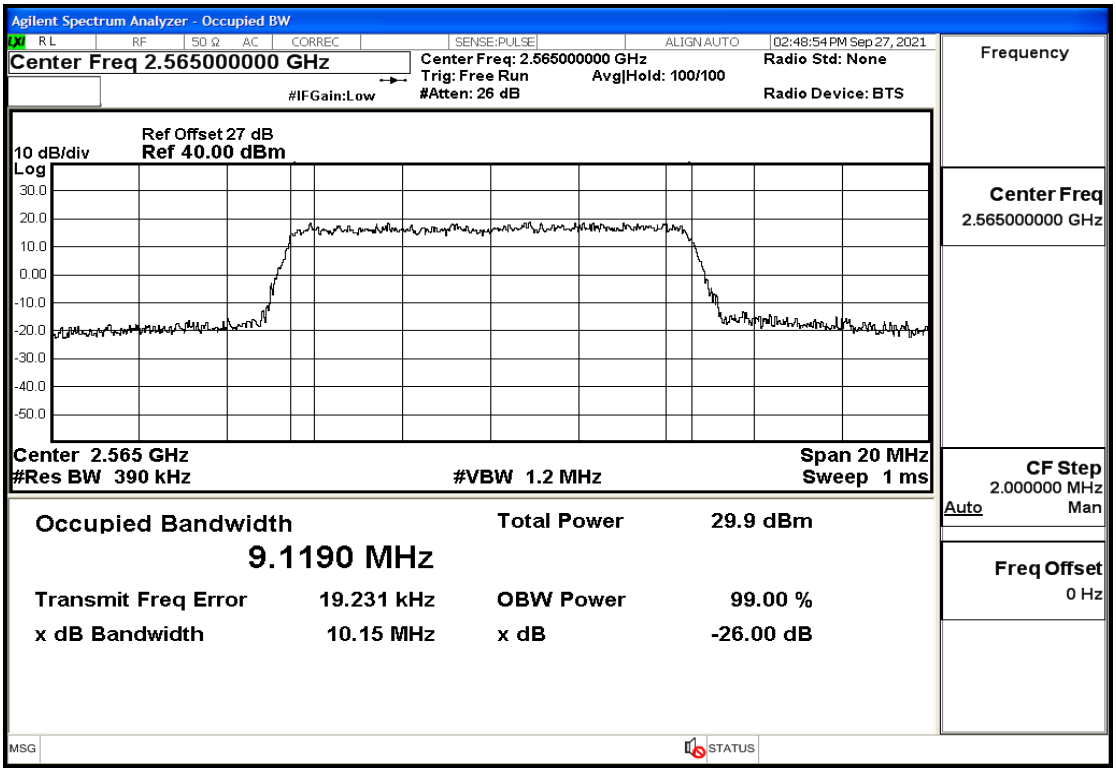
Band7-10-2535-QPSK-50#LOW@26dB and 99PCT Bandwidth



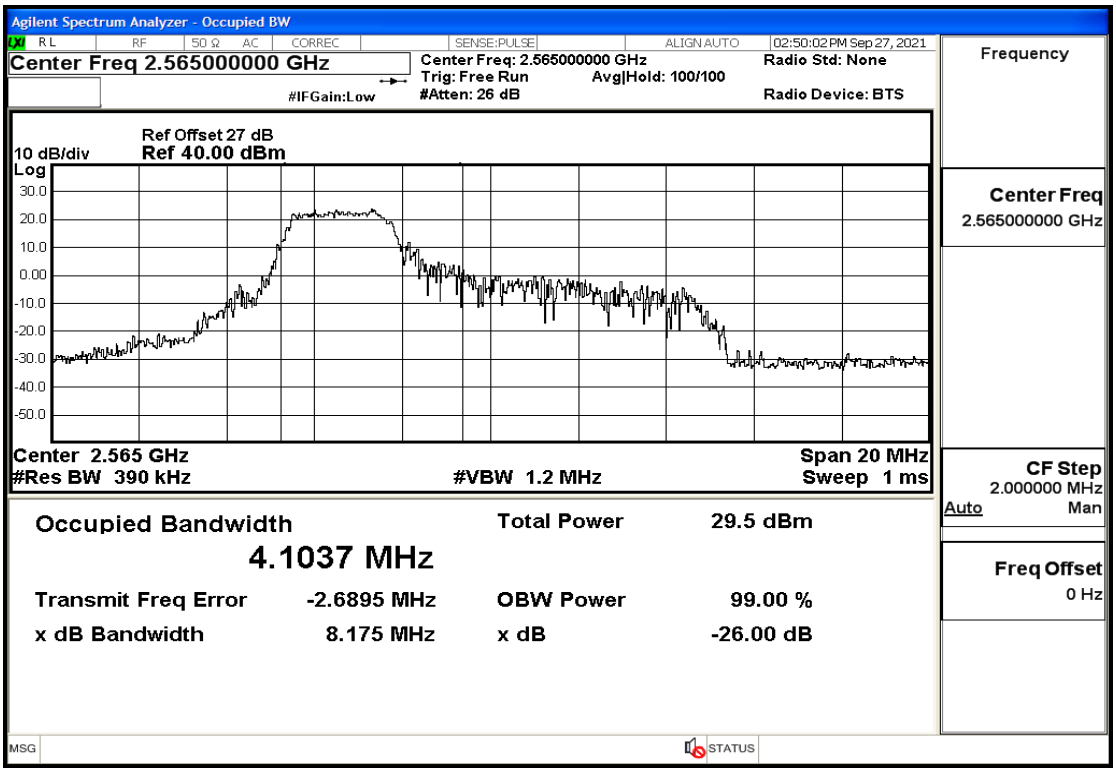
Band7-10-2535-16QAM-12#LOW@26dB and 99PCT Bandwidth



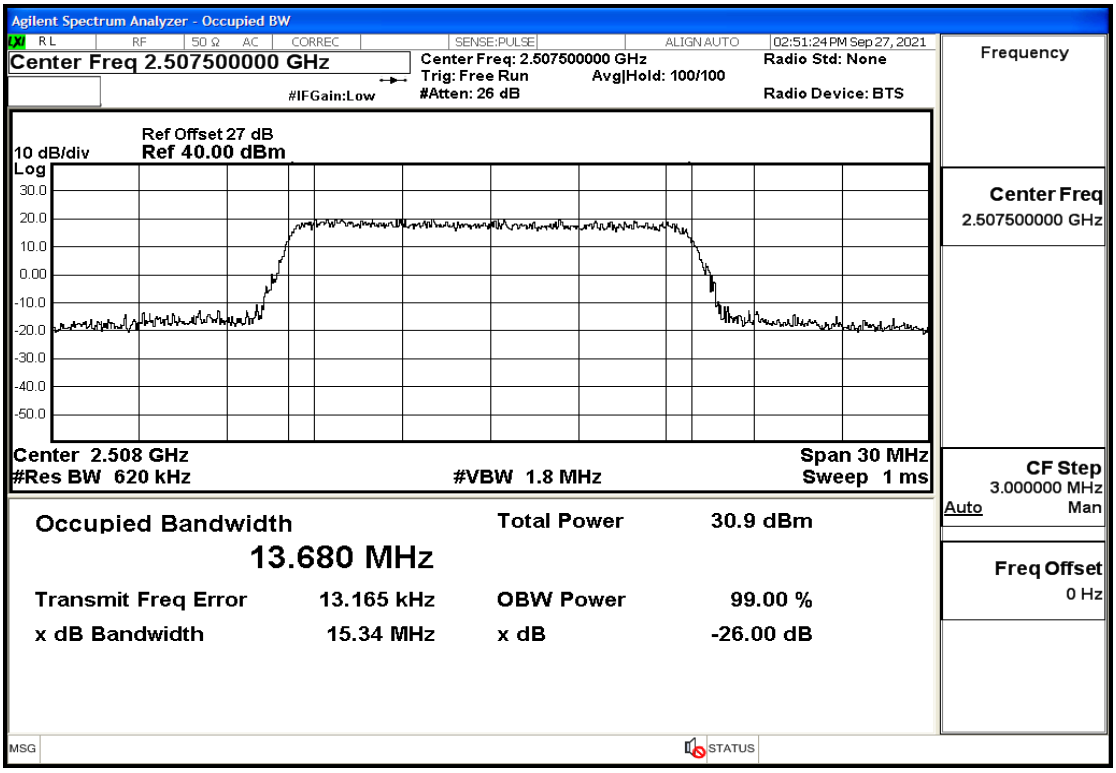
Band7-10-2565-QPSK-50#LOW@26dB and 99PCT Bandwidth



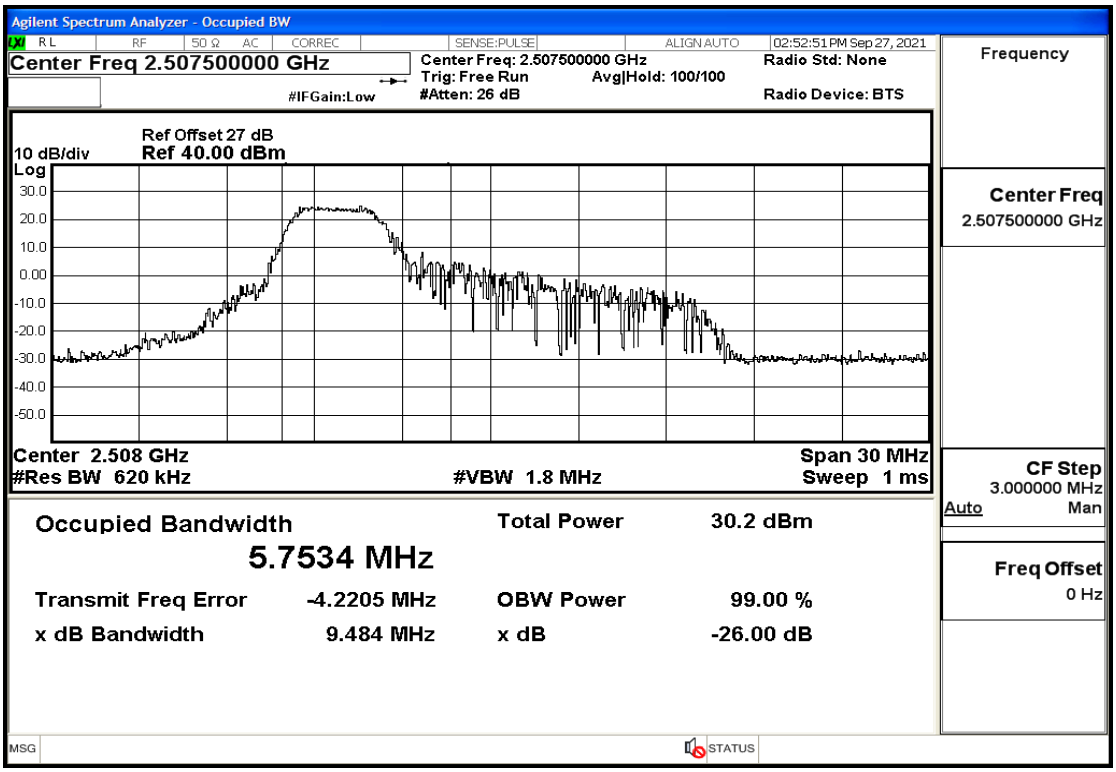
Band7-10-2565-16QAM-12#LOW@26dB and 99PCT Bandwidth



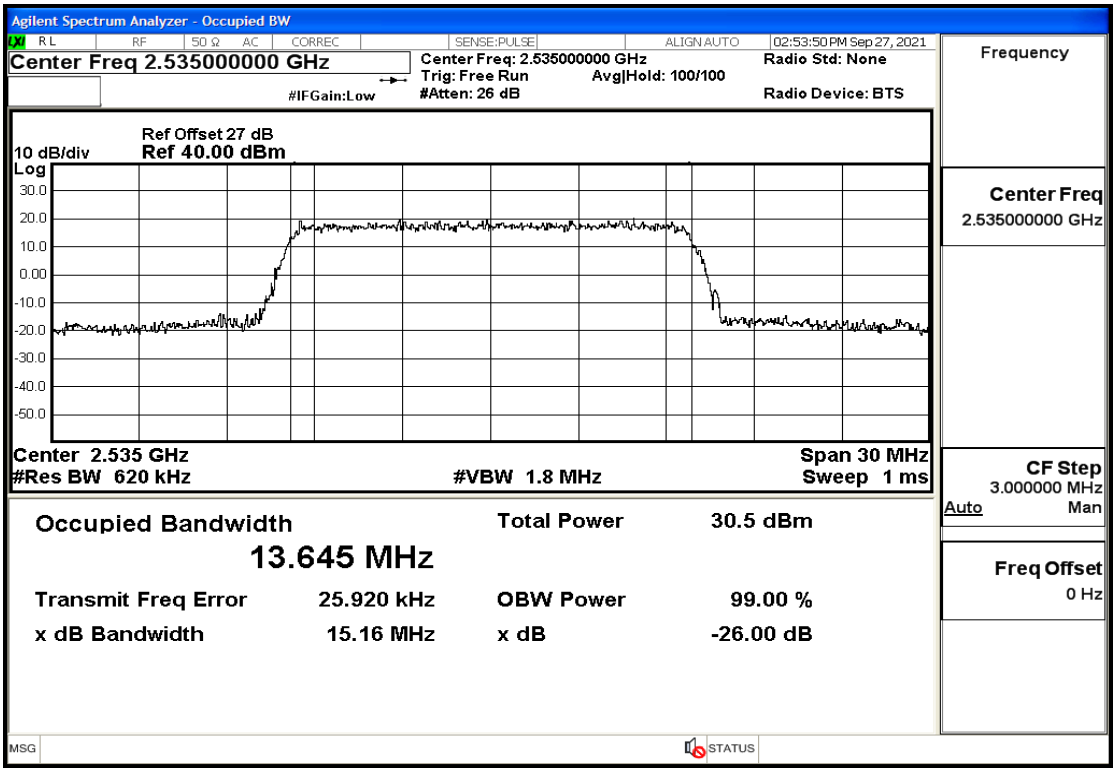
Band7-15-2507.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



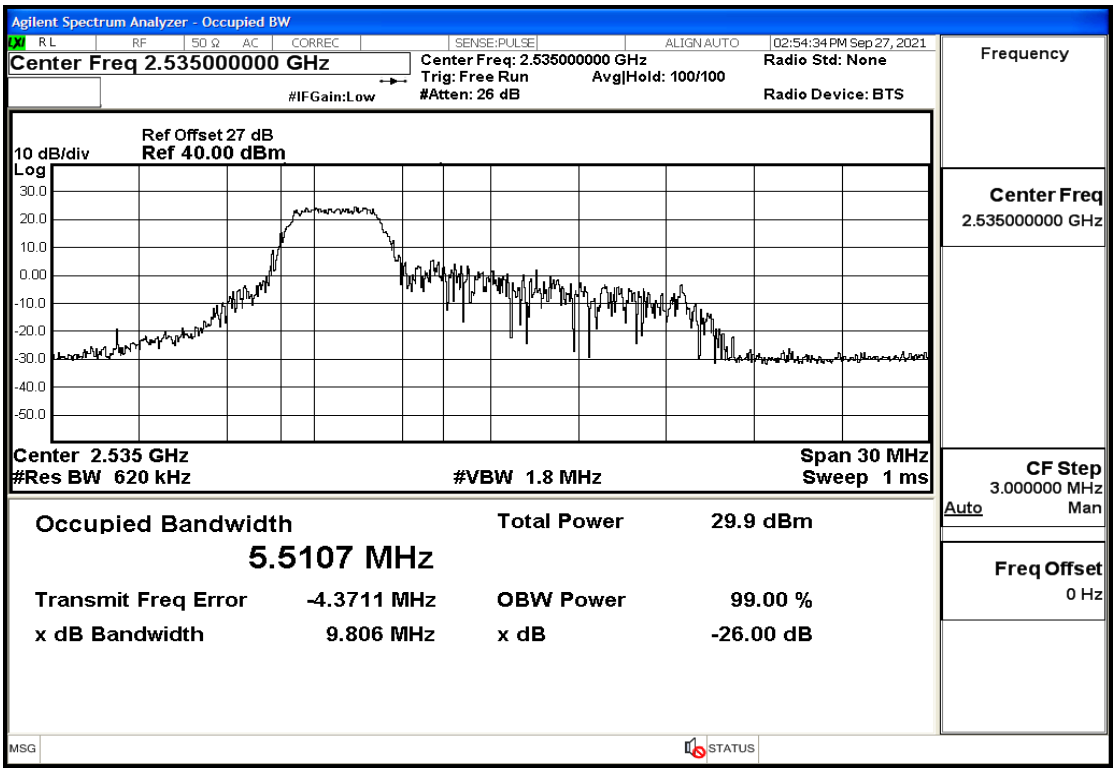
Band7-15-2507.5-16QAM-16#LOW@26dB and 99PCT Bandwidth



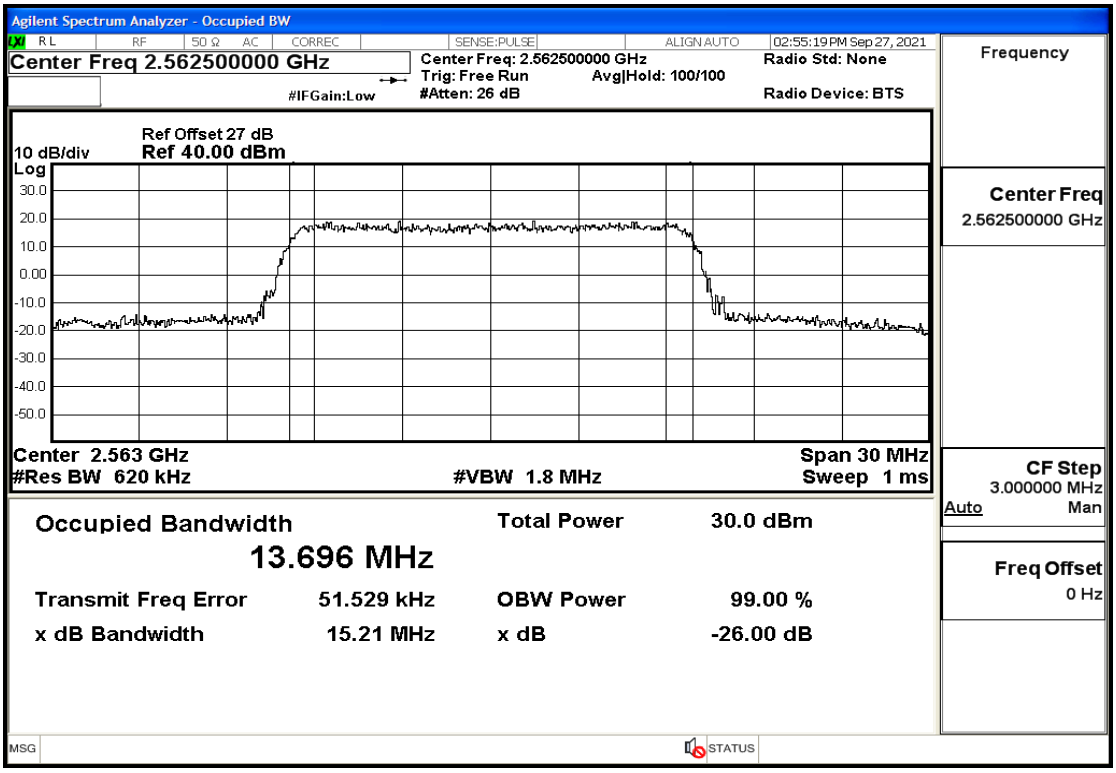
Band7-15-2535-QPSK-75#LOW@26dB and 99PCT Bandwidth



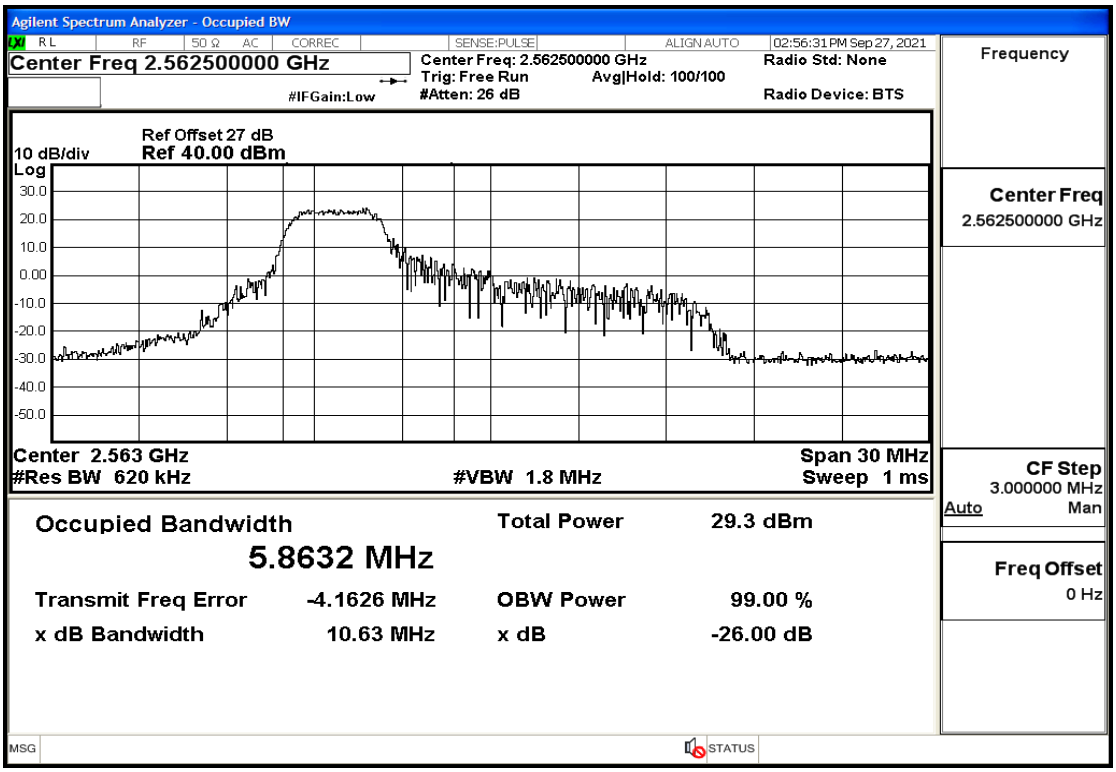
Band7-15-2535-16QAM-16#LOW@26dB and 99PCT Bandwidth



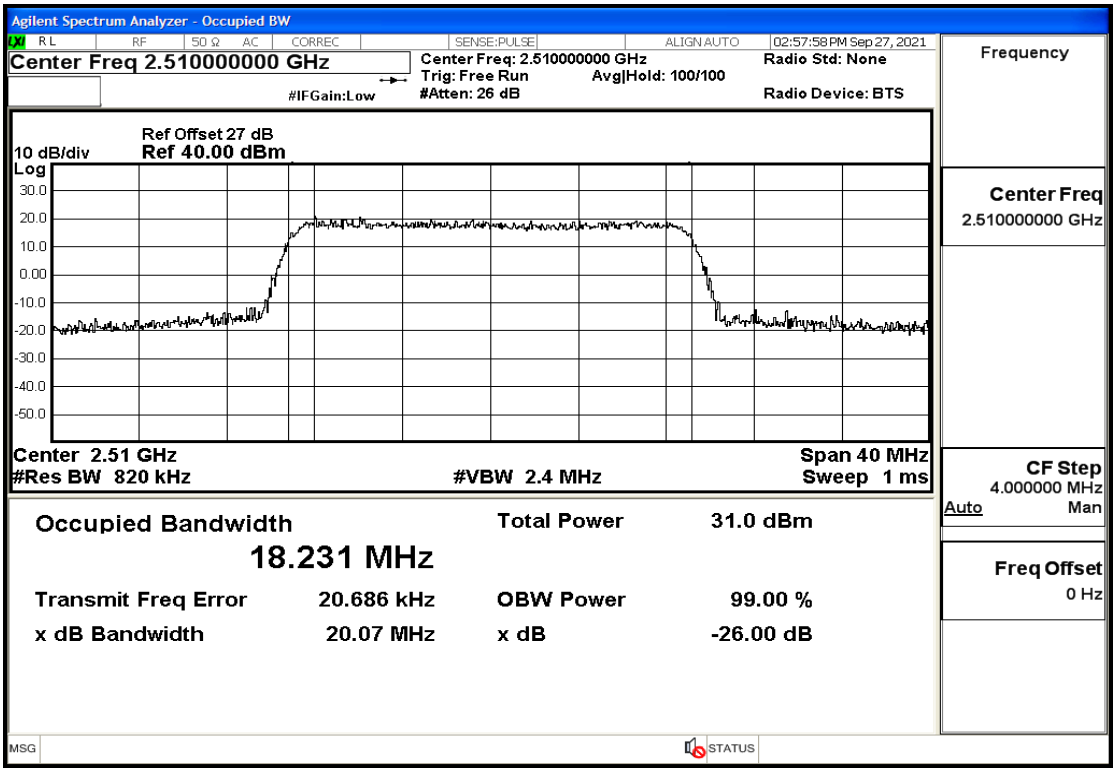
Band7-15-2562.5-QPSK-75#LOW@26dB and 99PCT Bandwidth



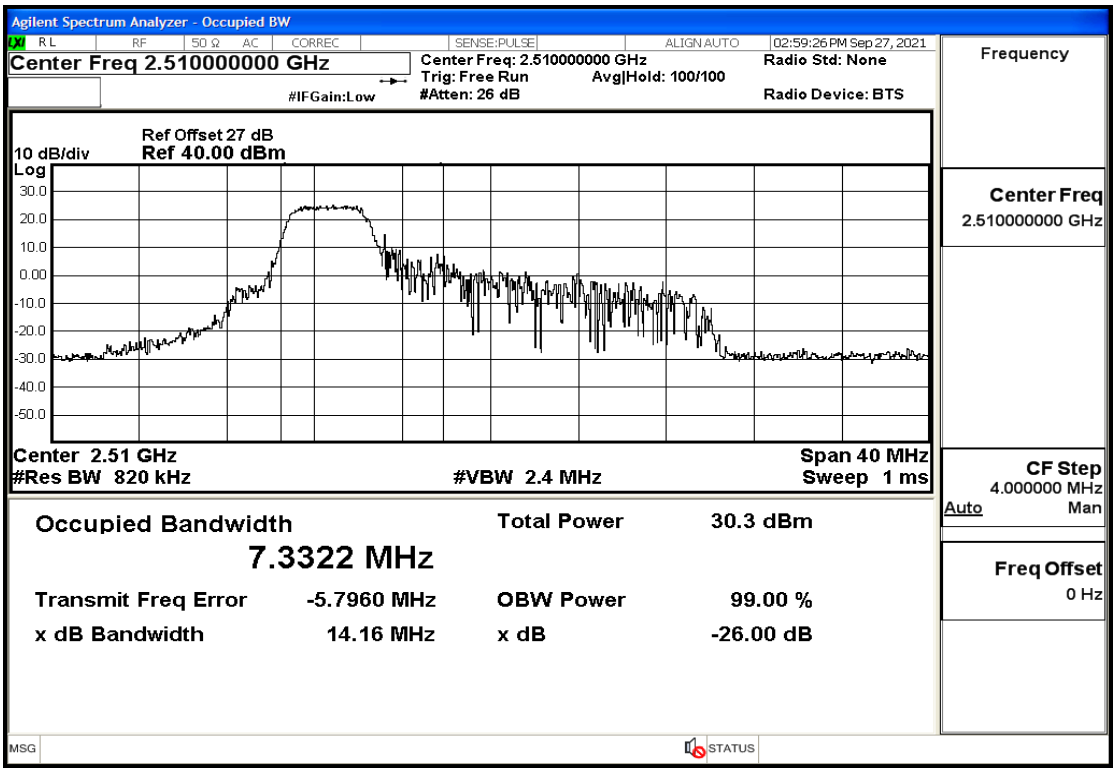
Band7-15-2562.5-16QAM-16#LOW@26dB and 99PCT Bandwidth



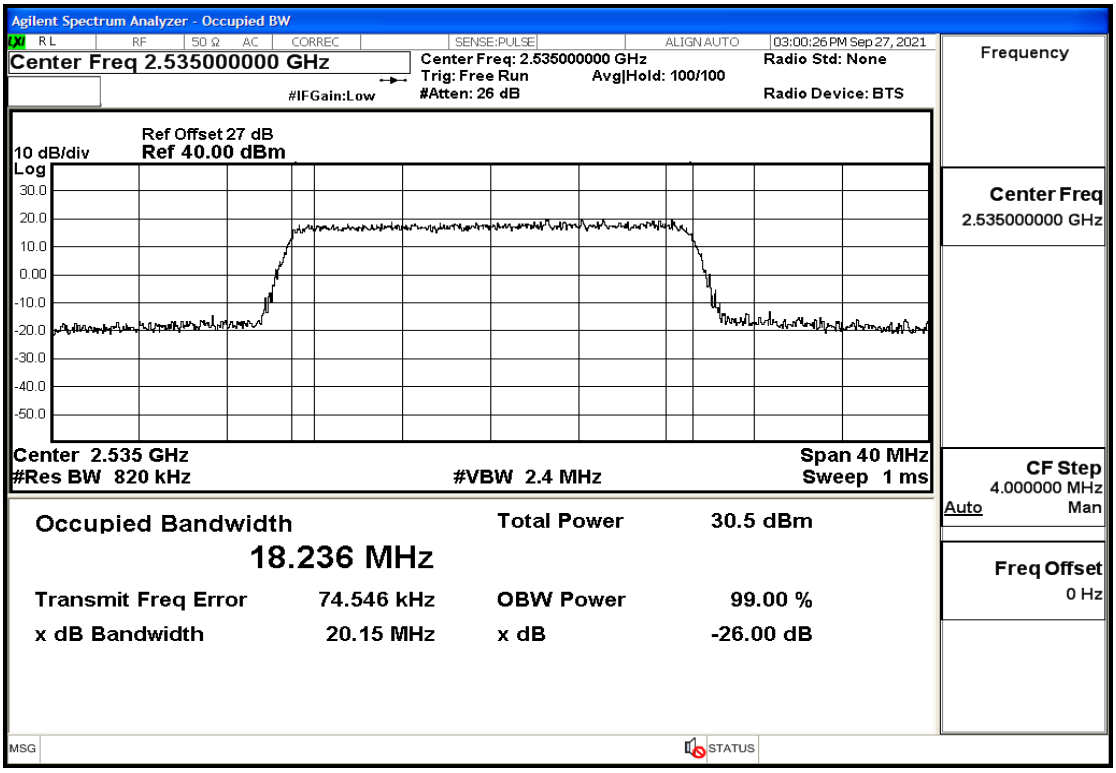
Band7-20-2510-QPSK-100#LOW@26dB and 99PCT Bandwidth



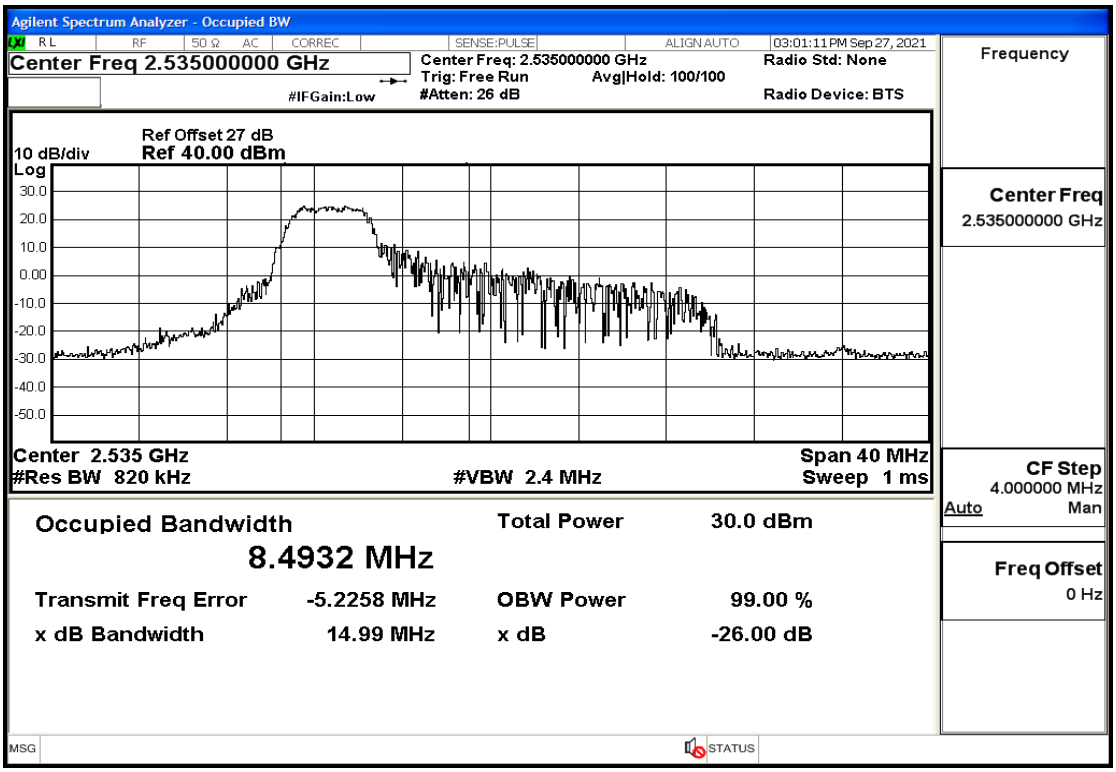
Band7-20-2510-16QAM-18#LOW@26dB and 99PCT Bandwidth



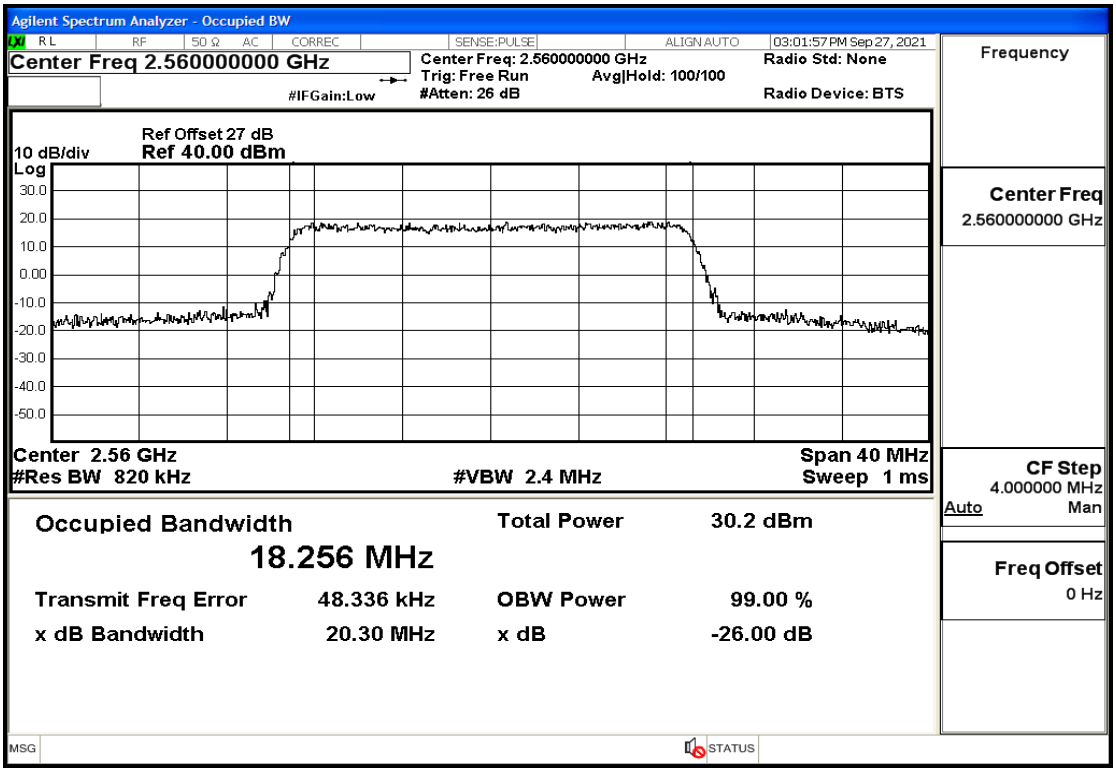
Band7-20-2535-QPSK-100#LOW@26dB and 99PCT Bandwidth



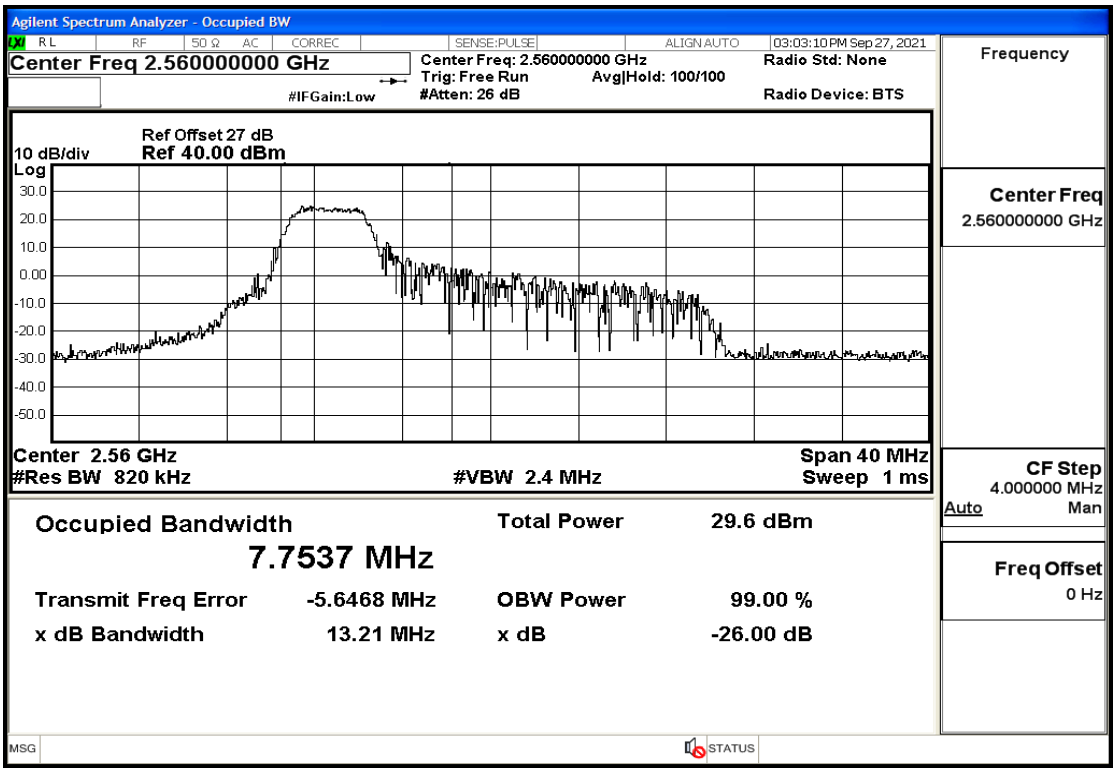
Band7-20-2535-16QAM-18#LOW@26dB and 99PCT Bandwidth



Band7-20-2560-QPSK-100#LOW@26dB and 99PCT Bandwidth



Band7-20-2560-16QAM-18#LOW@26dB and 99PCT Bandwidth



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0666	PASS
40	Normal Voltage	0.0385	
30	Normal Voltage	0.0198	
20(Ref.)	Normal Voltage	0.0259	
10	Normal Voltage	0.0661	
0	Normal Voltage	0.0195	
-10	Normal Voltage	0.0466	
-20	Normal Voltage	0.0341	
-30	Normal Voltage	0.0189	
20	Maximum Voltage	0.0189	
20	Normal Voltage	0.0293	
20	Battery End Point	0.0655	

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
Band7	5	2502.5	QPSK	25	LOW	22.86	28.67	5.81	13	0.28	23.14	33	Pass
Band7	5	2502.5	QPSK	12	LOW	22.85	28.2	5.35	13	0.28	23.13	33	Pass
Band7	5	2502.5	QPSK	12	MID	22.85	28.02	5.17	13	0.28	23.13	33	Pass
Band7	5	2502.5	QPSK	12	HIGH	22.82	28.24	5.42	13	0.28	23.1	33	Pass
Band7	5	2502.5	QPSK	1	LOW	23.89	28.15	4.26	13	0.28	24.17	33	Pass
Band7	5	2502.5	QPSK	1	MID	23.85	28.23	4.38	13	0.28	24.13	33	Pass
Band7	5	2502.5	QPSK	1	HIGH	23.94	28.29	4.35	13	0.28	24.22	33	Pass
Band7	5	2502.5	16QAM	25	LOW	22.12	28.94	6.82	13	0.28	22.4	33	Pass
Band7	5	2502.5	16QAM	12	LOW	22.07	28.51	6.44	13	0.28	22.35	33	Pass
Band7	5	2502.5	16QAM	12	MID	22.08	28.45	6.37	13	0.28	22.36	33	Pass
Band7	5	2502.5	16QAM	12	HIGH	22.07	28.44	6.37	13	0.28	22.35	33	Pass
Band7	5	2502.5	16QAM	1	LOW	22.43	27.52	5.09	13	0.28	22.71	33	Pass
Band7	5	2502.5	16QAM	1	MID	22.52	27.61	5.09	13	0.28	22.8	33	Pass
Band7	5	2502.5	16QAM	1	HIGH	22.37	27.6	5.23	13	0.28	22.65	33	Pass
Band7	5	2535	QPSK	25	LOW	22.56	28.8	6.24	13	0.28	22.84	33	Pass
Band7	5	2535	QPSK	12	LOW	22.67	28.44	5.77	13	0.28	22.95	33	Pass
Band7	5	2535	QPSK	12	MID	22.64	28.51	5.87	13	0.28	22.92	33	Pass
Band7	5	2535	QPSK	12	HIGH	22.64	28.34	5.7	13	0.28	22.92	33	Pass
Band7	5	2535	QPSK	1	LOW	23.57	28.31	4.74	13	0.28	23.85	33	Pass
Band7	5	2535	QPSK	1	MID	23.63	28.03	4.4	13	0.28	23.91	33	Pass
Band7	5	2535	QPSK	1	HIGH	23.7	28.06	4.36	13	0.28	23.98	33	Pass
Band7	5	2535	16QAM	25	LOW	21.7	28.35	6.65	13	0.28	21.98	33	Pass
Band7	5	2535	16QAM	12	LOW	21.87	28.17	6.3	13	0.28	22.15	33	Pass
Band7	5	2535	16QAM	12	MID	21.88	28.05	6.17	13	0.28	22.16	33	Pass
Band7	5	2535	16QAM	12	HIGH	21.73	28.11	6.38	13	0.28	22.01	33	Pass
Band7	5	2535	16QAM	1	LOW	22.83	27.95	5.12	13	0.28	23.11	33	Pass
Band7	5	2535	16QAM	1	MID	22.92	27.99	5.07	13	0.28	23.2	33	Pass
Band7	5	2535	16QAM	1	HIGH	22.89	27.98	5.09	13	0.28	23.17	33	Pass
Band7	5	2567.5	QPSK	25	LOW	22.04	27.79	5.75	13	0.28	22.32	33	Pass
Band7	5	2567.5	QPSK	12	LOW	22.22	27.34	5.12	13	0.28	22.5	33	Pass
Band7	5	2567.5	QPSK	12	MID	22.21	27.37	5.16	13	0.28	22.49	33	Pass
Band7	5	2567.5	QPSK	12	HIGH	22.22	27.09	4.87	13	0.28	22.5	33	Pass
Band7	5	2567.5	QPSK	1	LOW	22.66	27.2	4.54	13	0.28	22.94	33	Pass
Band7	5	2567.5	QPSK	1	MID	23.03	27.05	4.02	13	0.28	23.31	33	Pass
Band7	5	2567.5	QPSK	1	HIGH	22.78	26.77	3.99	13	0.28	23.06	33	Pass
Band7	5	2567.5	16QAM	25	LOW	21.12	27.86	6.74	13	0.28	21.4	33	Pass
Band7	5	2567.5	16QAM	12	LOW	21.21	27.32	6.11	13	0.28	21.49	33	Pass
Band7	5	2567.5	16QAM	12	MID	21.21	27.37	6.16	13	0.28	21.49	33	Pass
Band7	5	2567.5	16QAM	12	HIGH	21.21	27.3	6.09	13	0.28	21.49	33	Pass
Band7	5	2567.5	16QAM	1	LOW	21.84	27.32	5.48	13	0.28	22.12	33	Pass

Band7	5	2567.5	16QAM	1	MID	21.82	27.15	5.33	13	0.28	22.1	33	Pass
Band7	5	2567.5	16QAM	1	HIGH	21.81	26.92	5.11	13	0.28	22.09	33	Pass
Band7	10	2505	QPSK	50	LOW	22.81	28.63	5.82	13	0.28	23.09	33	Pass
Band7	10	2505	QPSK	25	LOW	22.9	28.43	5.53	13	0.28	23.18	33	Pass
Band7	10	2505	QPSK	25	MID	22.9	28.42	5.52	13	0.28	23.18	33	Pass
Band7	10	2505	QPSK	25	HIGH	22.83	28.56	5.73	13	0.28	23.11	33	Pass
Band7	10	2505	QPSK	1	LOW	23.78	27.84	4.06	13	0.28	24.06	33	Pass
Band7	10	2505	QPSK	1	MID	23.75	27.88	4.13	13	0.28	24.03	33	Pass
Band7	10	2505	QPSK	1	HIGH	23.7	27.95	4.25	13	0.28	23.98	33	Pass
Band7	10	2505	16QAM	12	LOW	23.13	28.33	5.2	13	0.28	23.41	33	Pass
Band7	10	2505	16QAM	6	LOW	23.06	28.27	5.21	13	0.28	23.34	33	Pass
Band7	10	2505	16QAM	6	MID	23.07	28.26	5.19	13	0.28	23.35	33	Pass
Band7	10	2505	16QAM	6	HIGH	23	28.43	5.43	13	0.28	23.28	33	Pass
Band7	10	2505	16QAM	1	LOW	23.37	28.14	4.77	13	0.28	23.65	33	Pass
Band7	10	2505	16QAM	1	MID	23.44	28.28	4.84	13	0.28	23.72	33	Pass
Band7	10	2505	16QAM	1	HIGH	23.36	28.34	4.98	13	0.28	23.64	33	Pass
Band7	10	2535	QPSK	50	LOW	22.61	28.61	6	13	0.28	22.89	33	Pass
Band7	10	2535	QPSK	25	LOW	22.58	28.08	5.5	13	0.28	22.86	33	Pass
Band7	10	2535	QPSK	25	MID	22.55	28.21	5.66	13	0.28	22.83	33	Pass
Band7	10	2535	QPSK	25	HIGH	22.51	28.16	5.65	13	0.28	22.79	33	Pass
Band7	10	2535	QPSK	1	LOW	23.5	27.94	4.44	13	0.28	23.78	33	Pass
Band7	10	2535	QPSK	1	MID	23.62	27.99	4.37	13	0.28	23.9	33	Pass
Band7	10	2535	QPSK	1	HIGH	23.63	27.99	4.36	13	0.28	23.91	33	Pass
Band7	10	2535	16QAM	12	LOW	22.77	28.46	5.69	13	0.28	23.05	33	Pass
Band7	10	2535	16QAM	6	LOW	23.02	28.29	5.27	13	0.28	23.3	33	Pass
Band7	10	2535	16QAM	6	MID	23.01	28.28	5.27	13	0.28	23.29	33	Pass
Band7	10	2535	16QAM	6	HIGH	22.97	28.32	5.35	13	0.28	23.25	33	Pass
Band7	10	2535	16QAM	1	LOW	23.07	27.98	4.91	13	0.28	23.35	33	Pass
Band7	10	2535	16QAM	1	MID	22.86	27.29	4.43	13	0.28	23.14	33	Pass
Band7	10	2535	16QAM	1	HIGH	22.89	27.64	4.75	13	0.28	23.17	33	Pass
Band7	10	2565	QPSK	50	LOW	22.15	27.9	5.75	13	0.28	22.43	33	Pass
Band7	10	2565	QPSK	25	LOW	22.15	27.87	5.72	13	0.28	22.43	33	Pass
Band7	10	2565	QPSK	25	MID	22.14	27.89	5.75	13	0.28	22.42	33	Pass
Band7	10	2565	QPSK	25	HIGH	22.13	27.68	5.55	13	0.28	22.41	33	Pass
Band7	10	2565	QPSK	1	LOW	22.33	27	4.67	13	0.28	22.61	33	Pass
Band7	10	2565	QPSK	1	MID	22.95	27.09	4.14	13	0.28	23.23	33	Pass
Band7	10	2565	QPSK	1	HIGH	23.21	26.93	3.72	13	0.28	23.49	33	Pass
Band7	10	2565	16QAM	12	LOW	22.37	27.68	5.31	13	0.28	22.65	33	Pass
Band7	10	2565	16QAM	12	HIGH	22.31	27.22	4.91	13	0.28	22.59	33	Pass
Band7	10	2565	16QAM	6	LOW	22.51	27.59	5.08	13	0.28	22.79	33	Pass
Band7	10	2565	16QAM	6	MID	22.49	27.58	5.09	13	0.28	22.77	33	Pass
Band7	10	2565	16QAM	6	HIGH	22.47	27.04	4.57	13	0.28	22.75	33	Pass
Band7	10	2565	16QAM	1	LOW	22.02	26.72	4.7	13	0.28	22.3	33	Pass
Band7	10	2565	16QAM	1	MID	22.09	26.66	4.57	13	0.28	22.37	33	Pass
Band7	10	2565	16QAM	1	HIGH	21.96	26.41	4.45	13	0.28	22.24	33	Pass
Band7	15	2507.5	QPSK	75	LOW	22.83	29.23	6.4	13	0.28	23.11	33	Pass

Band7	15	2507.5	QPSK	38	LOW	22.85	29.24	6.39	13	0.28	23.13	33	Pass
Band7	15	2507.5	QPSK	38	MID	22.85	29.23	6.38	13	0.28	23.13	33	Pass
Band7	15	2507.5	QPSK	38	HIGH	22.85	29.21	6.36	13	0.28	23.13	33	Pass
Band7	15	2507.5	QPSK	1	LOW	23.86	27.94	4.08	13	0.28	24.14	33	Pass
Band7	15	2507.5	QPSK	1	MID	23.75	27.9	4.15	13	0.28	24.03	33	Pass
Band7	15	2507.5	QPSK	1	HIGH	23.79	28.25	4.46	13	0.28	24.07	33	Pass
Band7	15	2507.5	16QAM	16	LOW	23.18	28.44	5.26	13	0.28	23.46	33	Pass
Band7	15	2507.5	16QAM	8	LOW	23.2	28.29	5.09	13	0.28	23.48	33	Pass
Band7	15	2507.5	16QAM	8	MID	23.21	28.29	5.08	13	0.28	23.49	33	Pass
Band7	15	2507.5	16QAM	8	HIGH	23.06	28.36	5.3	13	0.28	23.34	33	Pass
Band7	15	2507.5	16QAM	1	LOW	23.26	28.13	4.87	13	0.28	23.54	33	Pass
Band7	15	2507.5	16QAM	1	MID	23.26	28.25	4.99	13	0.28	23.54	33	Pass
Band7	15	2507.5	16QAM	1	HIGH	23.29	28.22	4.93	13	0.28	23.57	33	Pass
Band7	15	2535	QPSK	75	LOW	22.58	28.99	6.41	13	0.28	22.86	33	Pass
Band7	15	2535	QPSK	38	LOW	22.53	28.92	6.39	13	0.28	22.81	33	Pass
Band7	15	2535	QPSK	38	MID	22.52	28.98	6.46	13	0.28	22.8	33	Pass
Band7	15	2535	QPSK	38	HIGH	22.52	28.92	6.4	13	0.28	22.8	33	Pass
Band7	15	2535	QPSK	1	LOW	23.55	27.91	4.36	13	0.28	23.83	33	Pass
Band7	15	2535	QPSK	1	MID	23.55	27.94	4.39	13	0.28	23.83	33	Pass
Band7	15	2535	QPSK	1	HIGH	23.55	27.83	4.28	13	0.28	23.83	33	Pass
Band7	15	2535	16QAM	16	LOW	22.91	28.24	5.33	13	0.28	23.19	33	Pass
Band7	15	2535	16QAM	8	LOW	23.01	28.2	5.19	13	0.28	23.29	33	Pass
Band7	15	2535	16QAM	8	MID	23	28.2	5.2	13	0.28	23.28	33	Pass
Band7	15	2535	16QAM	8	HIGH	22.8	28.06	5.26	13	0.28	23.08	33	Pass
Band7	15	2535	16QAM	1	LOW	23.48	28.58	5.1	13	0.28	23.76	33	Pass
Band7	15	2535	16QAM	1	MID	23.49	27.66	4.17	13	0.28	23.77	33	Pass
Band7	15	2535	16QAM	1	HIGH	23.43	28.12	4.69	13	0.28	23.71	33	Pass
Band7	15	2562.5	QPSK	75	LOW	22.2	28.26	6.06	13	0.28	22.48	33	Pass
Band7	15	2562.5	QPSK	38	LOW	22.15	28.27	6.12	13	0.28	22.43	33	Pass
Band7	15	2562.5	QPSK	38	MID	22.15	28.3	6.15	13	0.28	22.43	33	Pass
Band7	15	2562.5	QPSK	38	HIGH	22.16	28.3	6.14	13	0.28	22.44	33	Pass
Band7	15	2562.5	QPSK	1	LOW	22.56	27.05	4.49	13	0.28	22.84	33	Pass
Band7	15	2562.5	QPSK	1	MID	22.59	26.91	4.32	13	0.28	22.87	33	Pass
Band7	15	2562.5	QPSK	1	HIGH	22.96	26.76	3.8	13	0.28	23.24	33	Pass
Band7	15	2562.5	16QAM	16	LOW	22.58	27.88	5.3	13	0.28	22.86	33	Pass
Band7	15	2562.5	16QAM	16	HIGH	22.45	27.41	4.96	13	0.28	22.73	33	Pass
Band7	15	2562.5	16QAM	8	LOW	22.43	27.72	5.29	13	0.28	22.71	33	Pass
Band7	15	2562.5	16QAM	8	MID	22.42	27.74	5.32	13	0.28	22.7	33	Pass
Band7	15	2562.5	16QAM	8	HIGH	22.27	27.17	4.9	13	0.28	22.55	33	Pass
Band7	15	2562.5	16QAM	1	LOW	22.95	27.94	4.99	13	0.28	23.23	33	Pass
Band7	15	2562.5	16QAM	1	MID	22.94	27.04	4.1	13	0.28	23.22	33	Pass
Band7	15	2562.5	16QAM	1	HIGH	22.76	27.59	4.83	13	0.28	23.04	33	Pass
Band7	20	2510	QPSK	100	LOW	22.84	28.88	6.04	13	0.28	23.12	33	Pass
Band7	20	2510	QPSK	50	LOW	22.87	28.45	5.58	13	0.28	23.15	33	Pass
Band7	20	2510	QPSK	50	MID	22.88	28.45	5.57	13	0.28	23.16	33	Pass
Band7	20	2510	QPSK	50	HIGH	23.03	28.47	5.44	13	0.28	23.31	33	Pass

Band7	20	2510	QPSK	1	LOW	24.1	28.02	3.92	13	0.28	24.38	33	Pass
Band7	20	2510	QPSK	1	MID	23.98	28.02	4.04	13	0.28	24.26	33	Pass
Band7	20	2510	QPSK	1	HIGH	23.96	27.89	3.93	13	0.28	24.24	33	Pass
Band7	20	2510	16QAM	18	LOW	23.06	28.38	5.32	13	0.28	23.34	33	Pass
Band7	20	2510	16QAM	9	LOW	23.17	28.26	5.09	13	0.28	23.45	33	Pass
Band7	20	2510	16QAM	9	MID	23.17	28.27	5.1	13	0.28	23.45	33	Pass
Band7	20	2510	16QAM	9	HIGH	23.08	28.27	5.19	13	0.28	23.36	33	Pass
Band7	20	2510	16QAM	1	LOW	22.9	28.41	5.51	13	0.28	23.18	33	Pass
Band7	20	2510	16QAM	1	MID	22.95	27.96	5.01	13	0.28	23.23	33	Pass
Band7	20	2510	16QAM	1	HIGH	22.99	28.81	5.82	13	0.28	23.27	33	Pass
Band7	20	2535	QPSK	100	LOW	22.57	28.69	6.12	13	0.28	22.85	33	Pass
Band7	20	2535	QPSK	50	LOW	22.6	28.26	5.66	13	0.28	22.88	33	Pass
Band7	20	2535	QPSK	50	MID	22.58	28.25	5.67	13	0.28	22.86	33	Pass
Band7	20	2535	QPSK	50	HIGH	22.63	28.25	5.62	13	0.28	22.91	33	Pass
Band7	20	2535	QPSK	1	LOW	23.65	28.71	5.06	13	0.28	23.93	33	Pass
Band7	20	2535	QPSK	1	MID	23.92	27.91	3.99	13	0.28	24.2	33	Pass
Band7	20	2535	QPSK	1	HIGH	23.92	28.62	4.7	13	0.28	24.2	33	Pass
Band7	20	2535	16QAM	18	LOW	22.77	28.38	5.61	13	0.28	23.05	33	Pass
Band7	20	2535	16QAM	9	LOW	22.97	28.29	5.32	13	0.28	23.25	33	Pass
Band7	20	2535	16QAM	9	MID	22.97	28.31	5.34	13	0.28	23.25	33	Pass
Band7	20	2535	16QAM	9	HIGH	22.8	28.22	5.42	13	0.28	23.08	33	Pass
Band7	20	2535	16QAM	1	LOW	23.19	28.05	4.86	13	0.28	23.47	33	Pass
Band7	20	2535	16QAM	1	MID	23.08	28.14	5.06	13	0.28	23.36	33	Pass
Band7	20	2535	16QAM	1	HIGH	22.94	28.04	5.1	13	0.28	23.22	33	Pass
Band7	20	2560	QPSK	100	LOW	22.21	28.21	6	13	0.28	22.49	33	Pass
Band7	20	2560	QPSK	50	LOW	22.36	27.86	5.5	13	0.28	22.64	33	Pass
Band7	20	2560	QPSK	50	MID	22.35	27.88	5.53	13	0.28	22.63	33	Pass
Band7	20	2560	QPSK	50	HIGH	22.13	27.56	5.43	13	0.28	22.41	33	Pass
Band7	20	2560	QPSK	1	LOW	23.13	28.11	4.98	13	0.28	23.41	33	Pass
Band7	20	2560	QPSK	1	MID	22.39	27.04	4.65	13	0.28	22.67	33	Pass
Band7	20	2560	QPSK	1	HIGH	23.24	27.35	4.11	13	0.28	23.52	33	Pass
Band7	20	2560	16QAM	18	LOW	22.64	27.9	5.26	13	0.28	22.92	33	Pass
Band7	20	2560	16QAM	18	HIGH	22.44	27.26	4.82	13	0.28	22.72	33	Pass
Band7	20	2560	16QAM	9	LOW	22.75	28.07	5.32	13	0.28	23.03	33	Pass
Band7	20	2560	16QAM	9	MID	22.75	28.09	5.34	13	0.28	23.03	33	Pass
Band7	20	2560	16QAM	9	HIGH	22.47	27.22	4.75	13	0.28	22.75	33	Pass
Band7	20	2560	16QAM	1	LOW	23.19	28.06	4.87	13	0.28	23.47	33	Pass
Band7	20	2560	16QAM	1	MID	22.9	27.29	4.39	13	0.28	23.18	33	Pass
Band7	20	2560	16QAM	1	HIGH	22.89	27.96	5.07	13	0.28	23.17	33	Pass