RF Test Data for LTE (Conducted Measurement)

Product Name: Mobile Phone

Trade Mark: TG

Test Model: TGMovil

FCC ID: 2BA86TGMOVIL

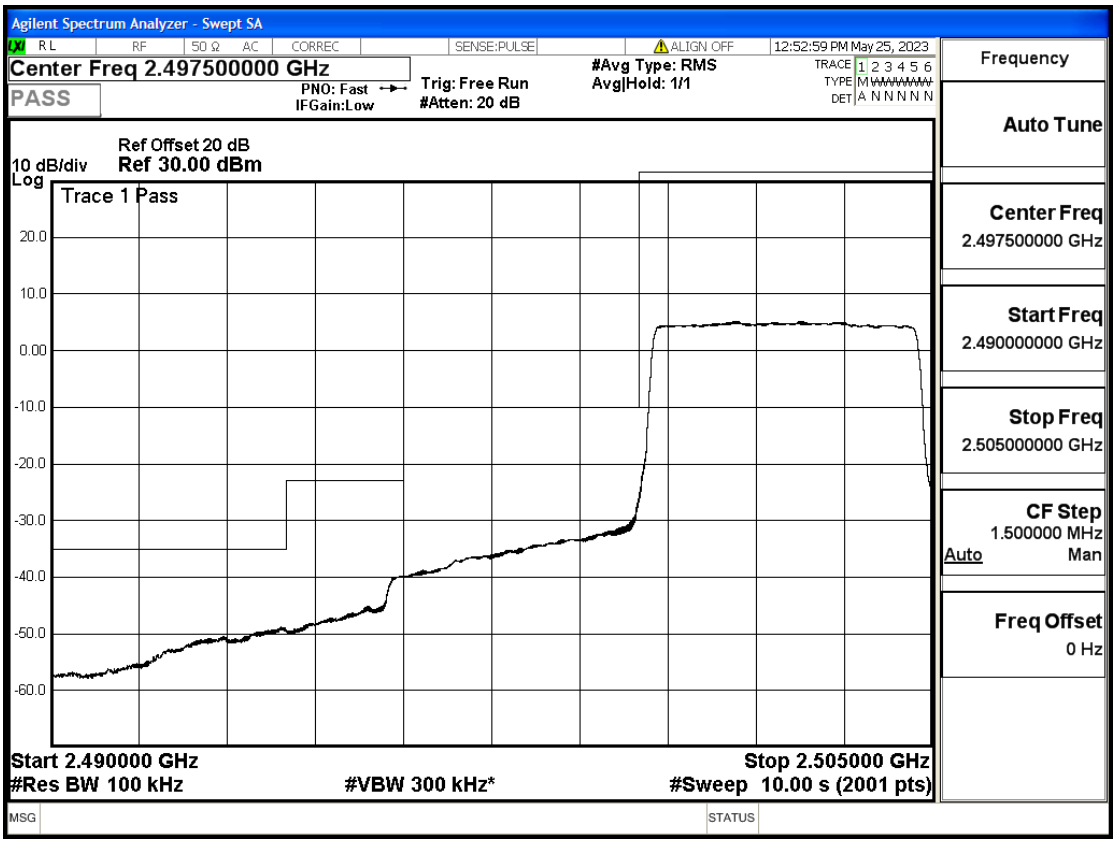
Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band7

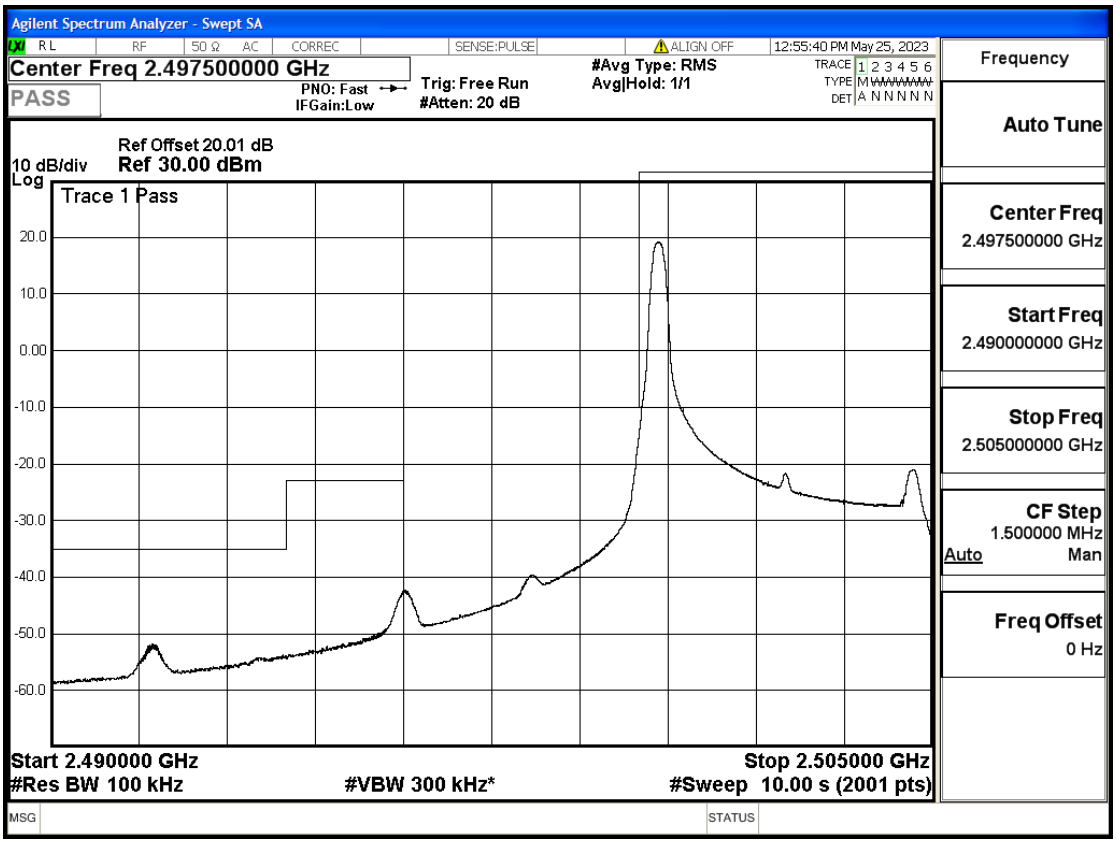
Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band7	5	2502.5	QPSK	25	LOW	Pass
Band7	5	2502.5	QPSK	1	LOW	Pass
Band7	5	2502.5	16QAM	25	LOW	Pass
Band7	5	2502.5	16QAM	1	LOW	Pass
Band7	5	2567.5	QPSK	25	LOW	Pass
Band7	5	2567.5	QPSK	1	HIGH	Pass
Band7	5	2567.5	16QAM	25	LOW	Pass
Band7	5	2567.5	16QAM	1	HIGH	Pass
Band7	10	2505	QPSK	50	LOW	Pass
Band7	10	2505	QPSK	1	LOW	Pass
Band7	10	2505	16QAM	50	LOW	Pass
Band7	10	2505	16QAM	1	LOW	Pass
Band7	10	2565	QPSK	50	LOW	Pass
Band7	10	2565	QPSK	1	HIGH	Pass
Band7	10	2565	16QAM	50	LOW	Pass
Band7	10	2565	16QAM	1	HIGH	Pass
Band7	15	2507.5	QPSK	75	LOW	Pass
Band7	15	2507.5	QPSK	1	LOW	Pass
Band7	15	2507.5	16QAM	75	LOW	Pass
Band7	15	2507.5	16QAM	1	LOW	Pass
Band7	15	2562.5	QPSK	75	LOW	Pass
Band7	15	2562.5	QPSK	1	HIGH	Pass
Band7	15	2562.5	16QAM	75	LOW	Pass
Band7	15	2562.5	16QAM	1	HIGH	Pass
Band7	20	2510	QPSK	100	LOW	Pass
Band7	20	2510	QPSK	1	LOW	Pass
Band7	20	2510	16QAM	100	LOW	Pass
Band7	20	2510	16QAM	1	LOW	Pass
Band7	20	2560	QPSK	100	LOW	Pass
Band7	20	2560	QPSK	1	HIGH	Pass
Band7	20	2560	16QAM	100	LOW	Pass
Band7	20	2560	16QAM	1	HIGH	Pass

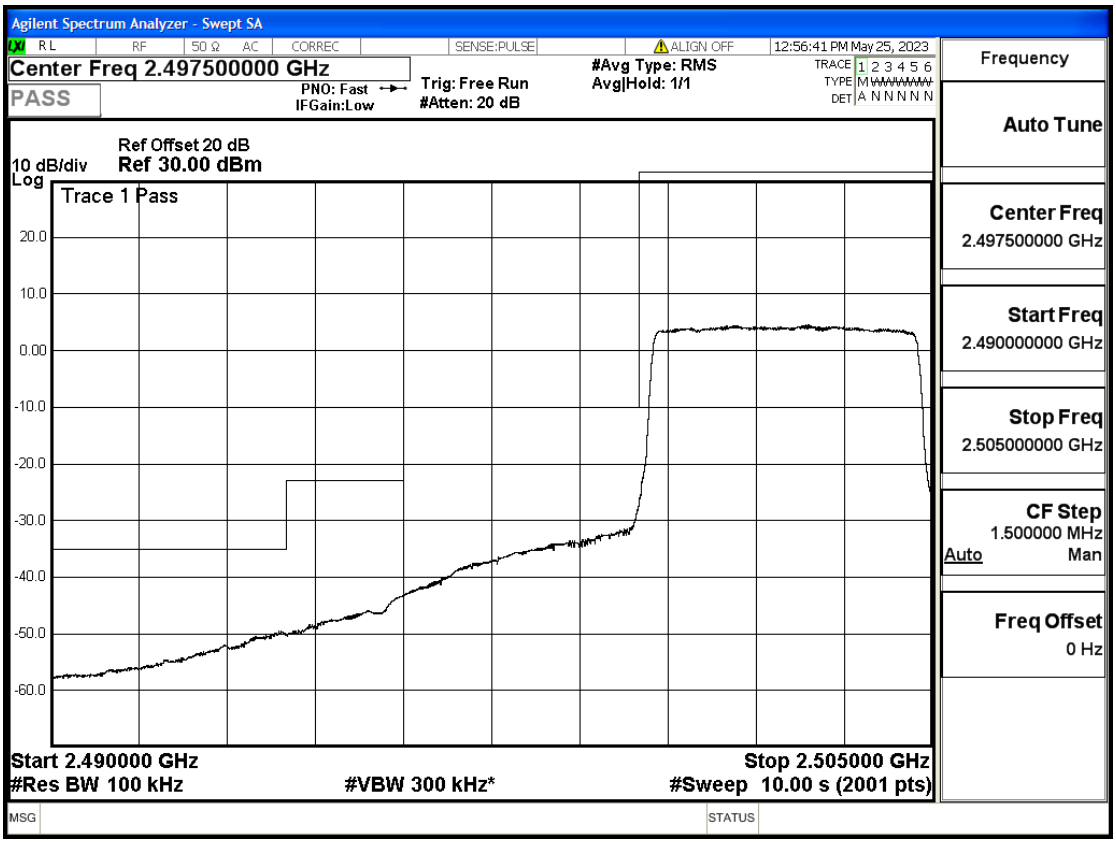
Band7-5-2502.5-QPSK-25#LOW@Pass



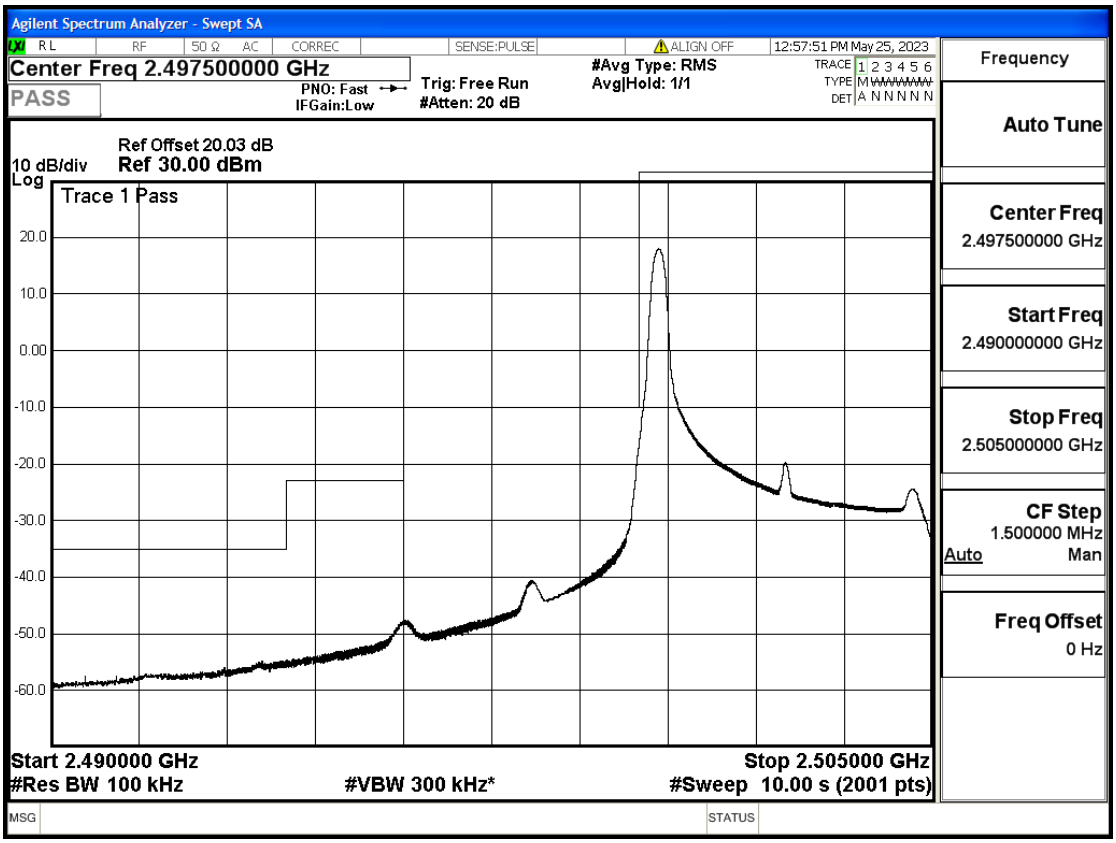
Band7-5-2502.5-QPSK-1#LOW@Pass



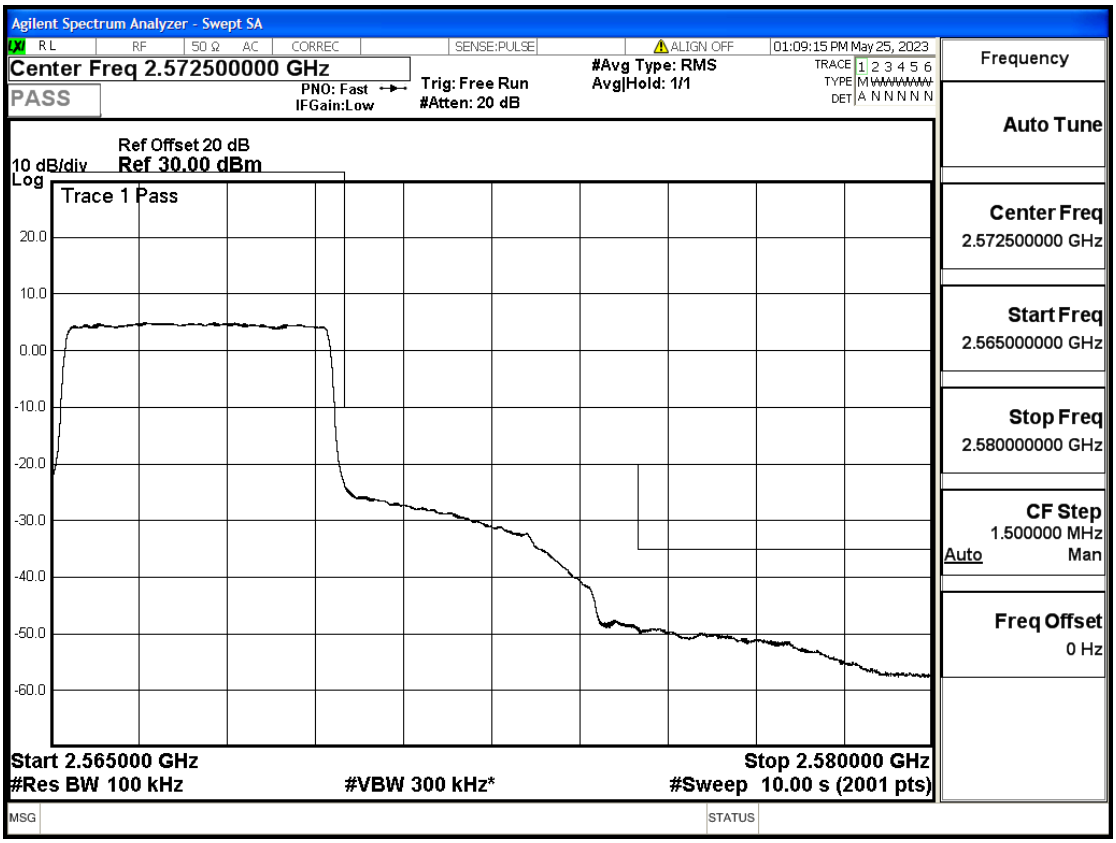
Band7-5-2502.5-16QAM-25#LOW@Pass



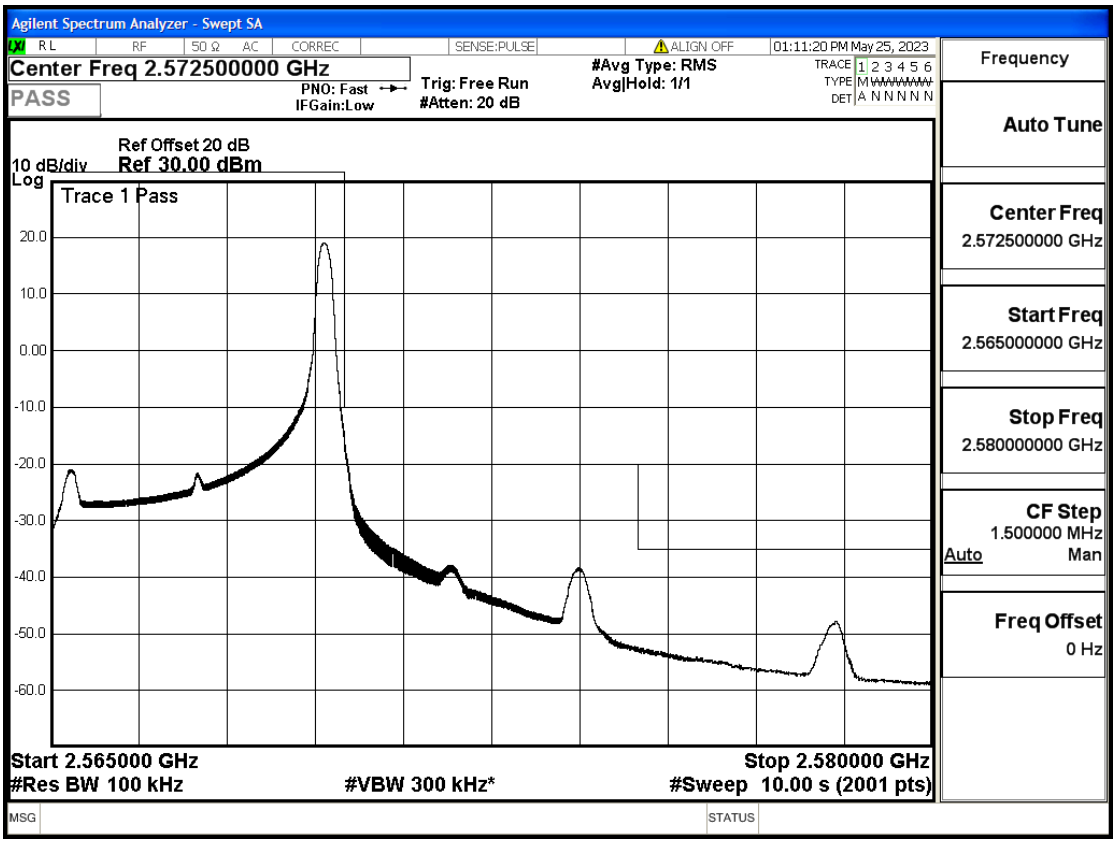
Band7-5-2502.5-16QAM-1#LOW@Pass



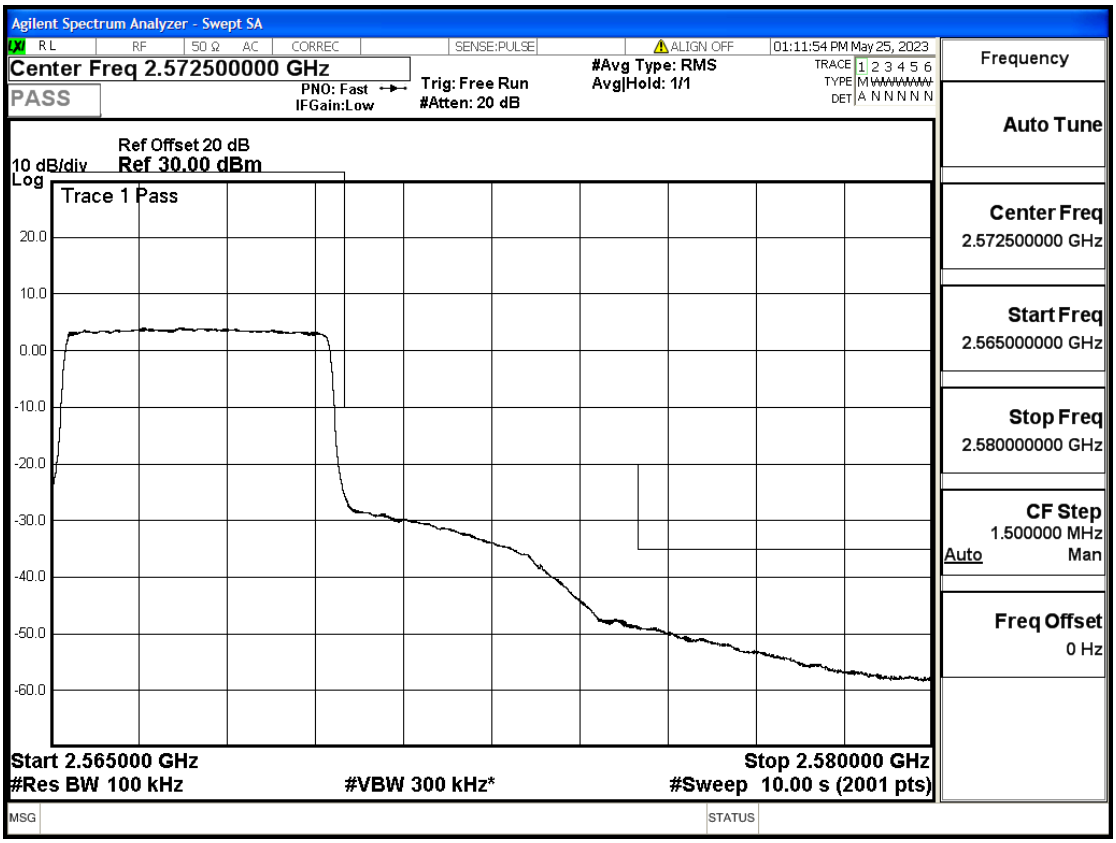
Band7-5-2567.5-QPSK-25#LOW@Pass



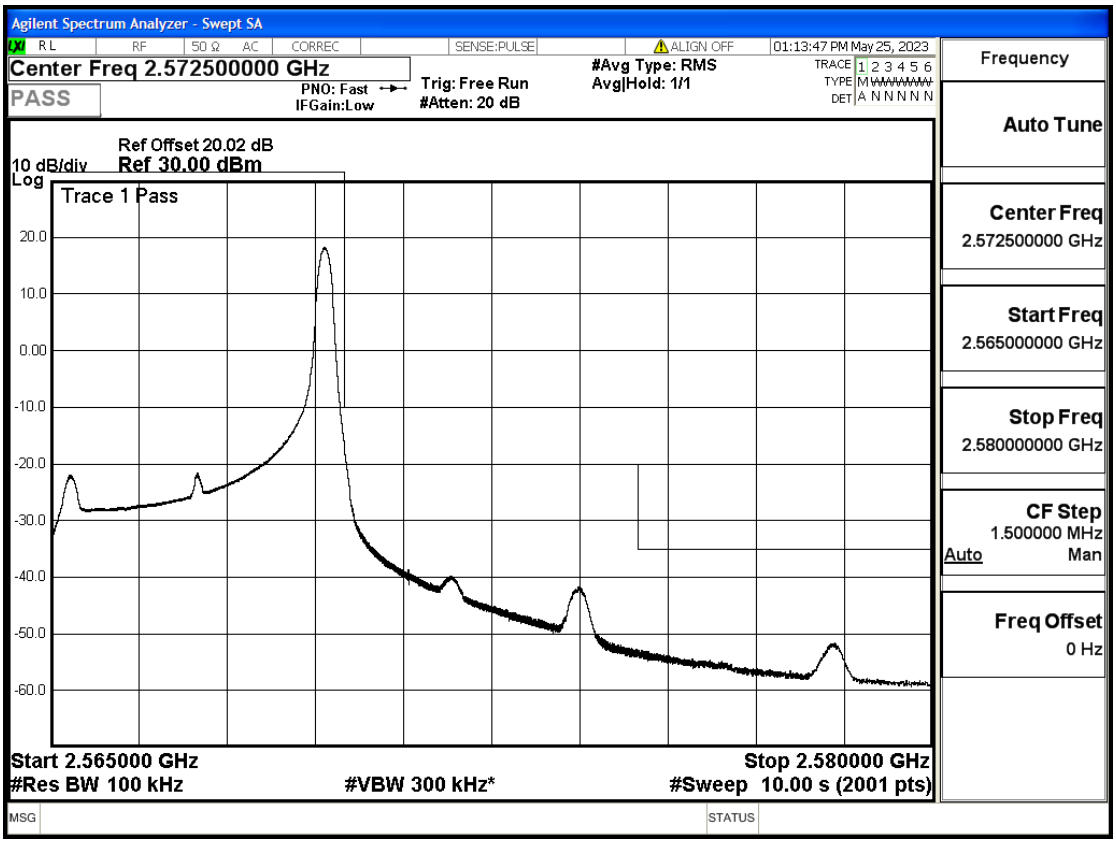
Band7-5-2567.5-QPSK-1#HIGH@Pass



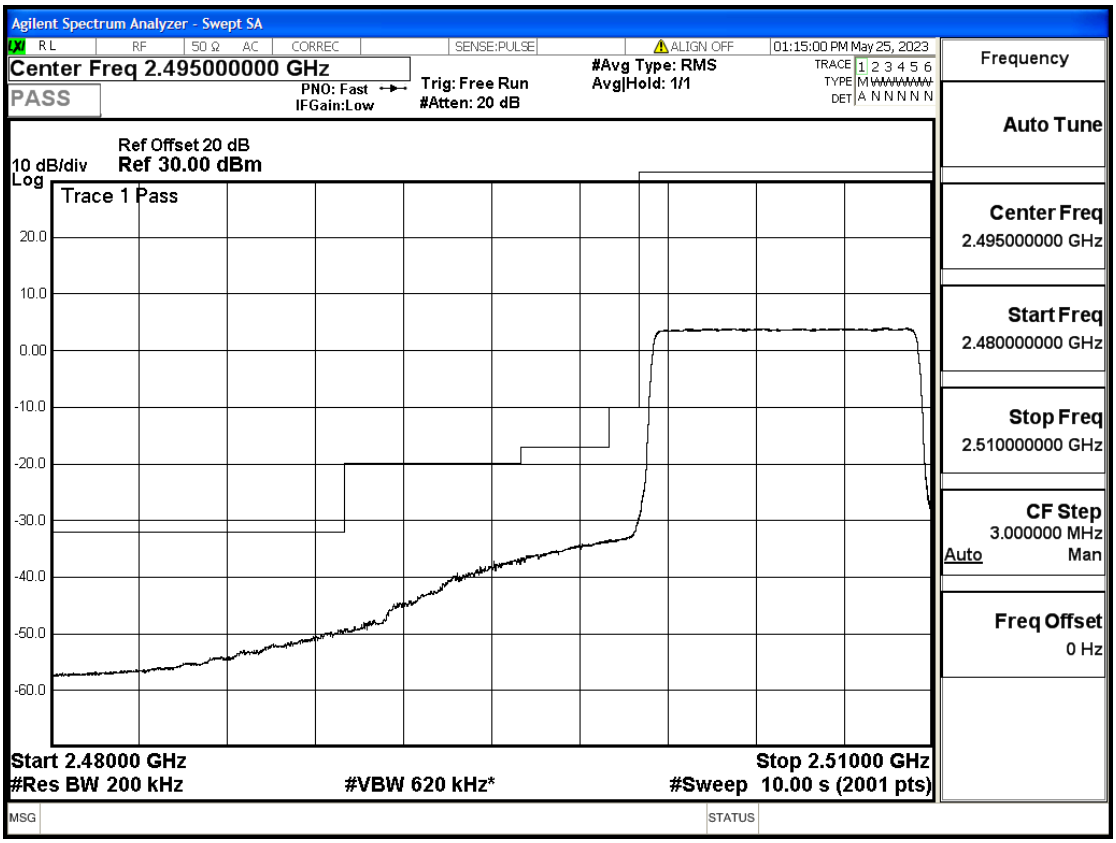
Band7-5-2567.5-16QAM-25#LOW@Pass



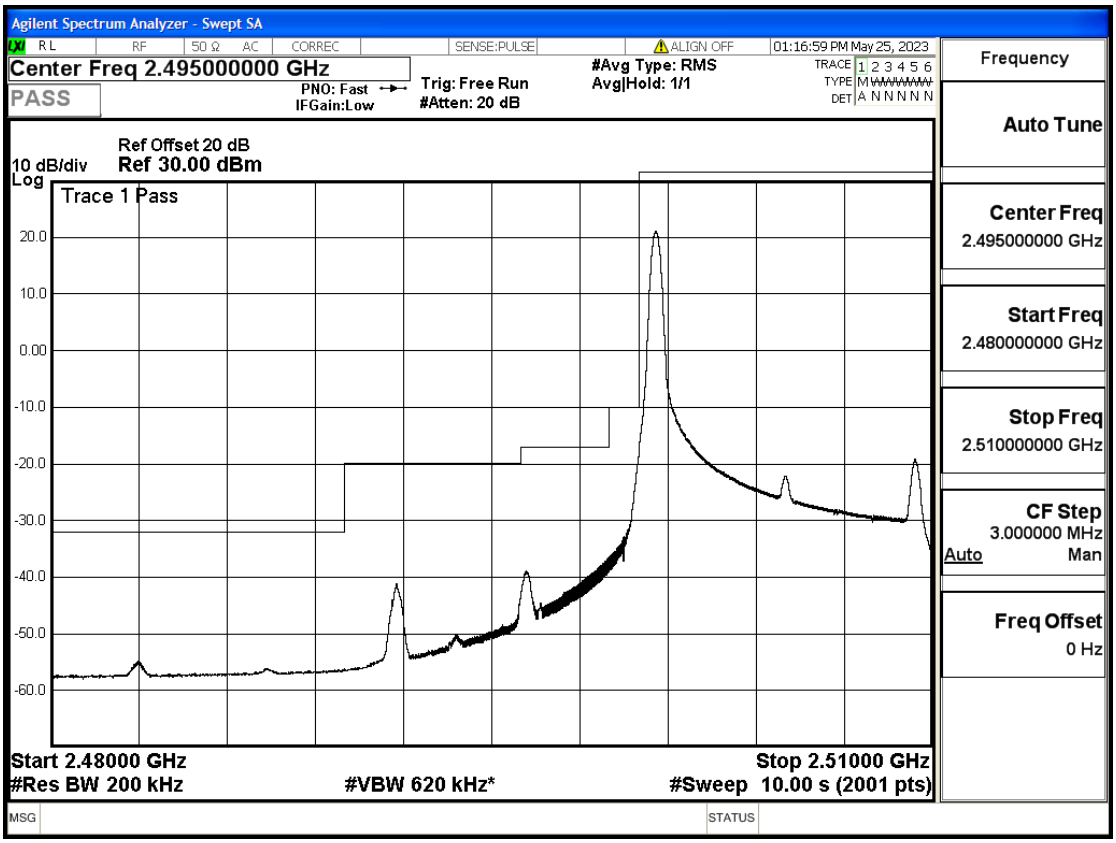
Band7-5-2567.5-16QAM-1#HIGH@Pass



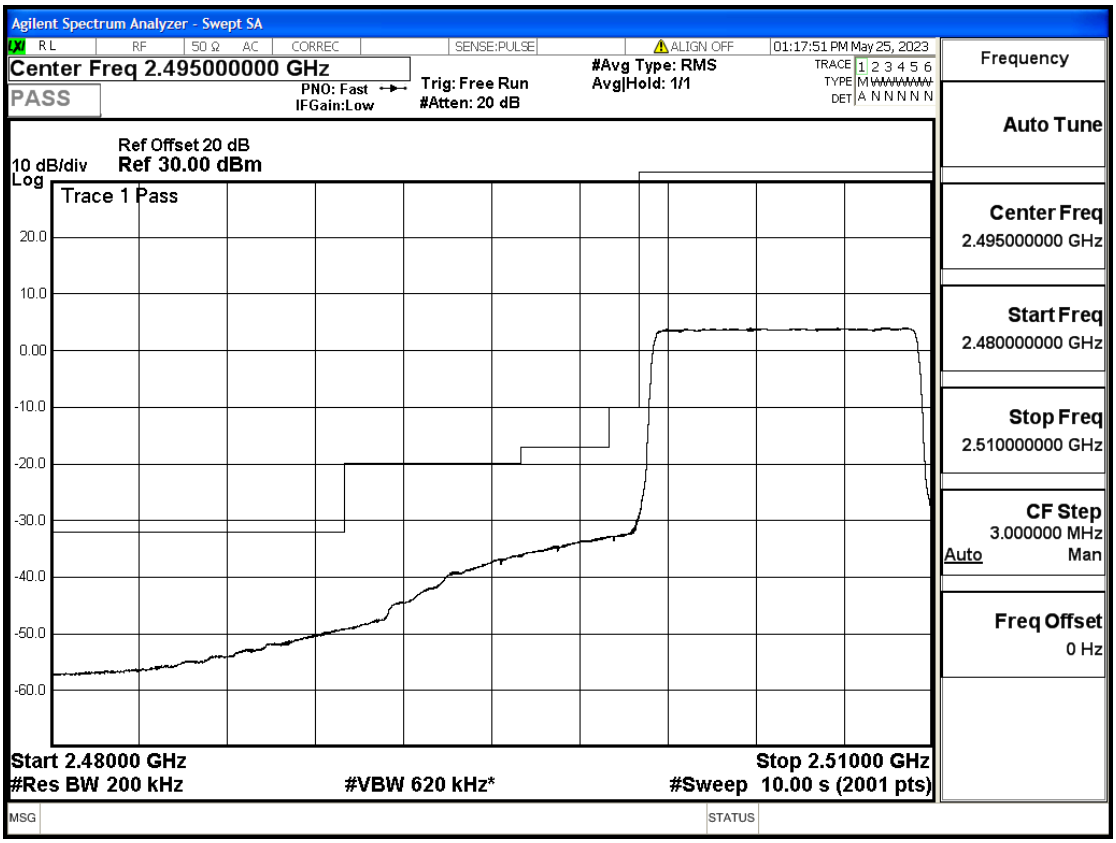
Band7-10-2505-QPSK-50#LOW@Pass



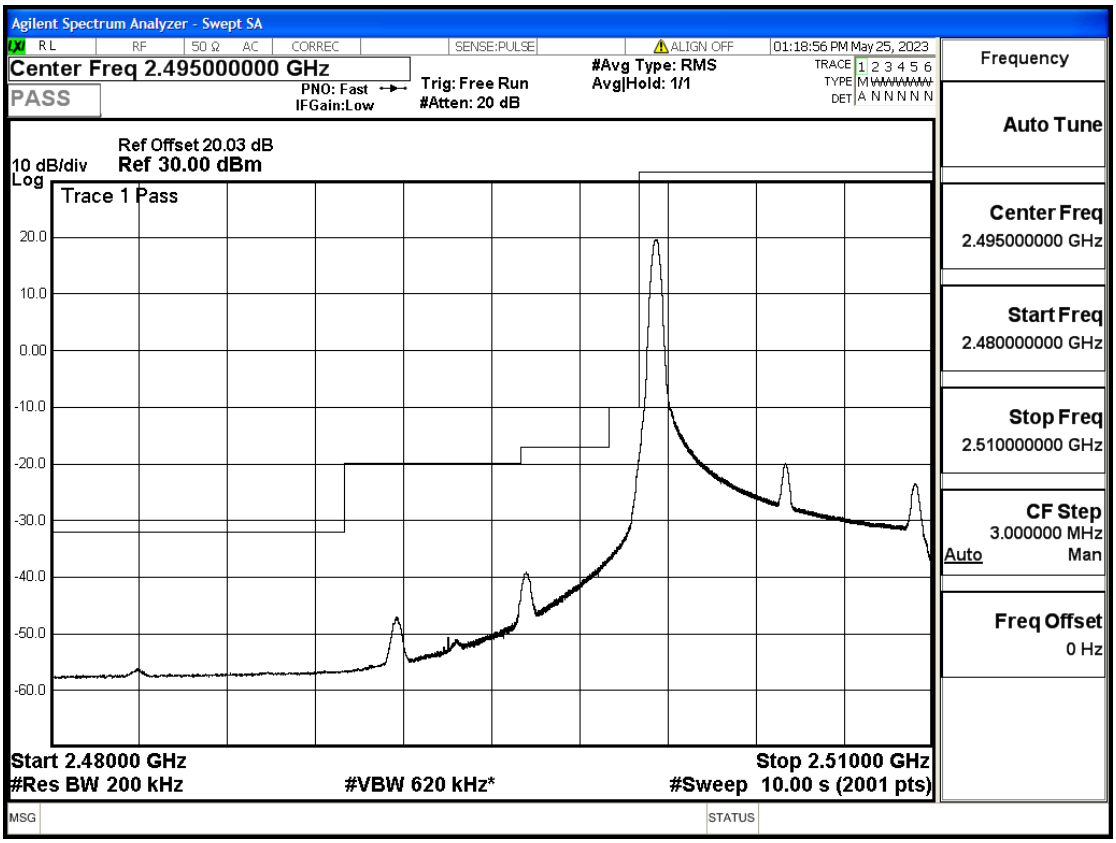
Band7-10-2505-QPSK-1#LOW@Pass



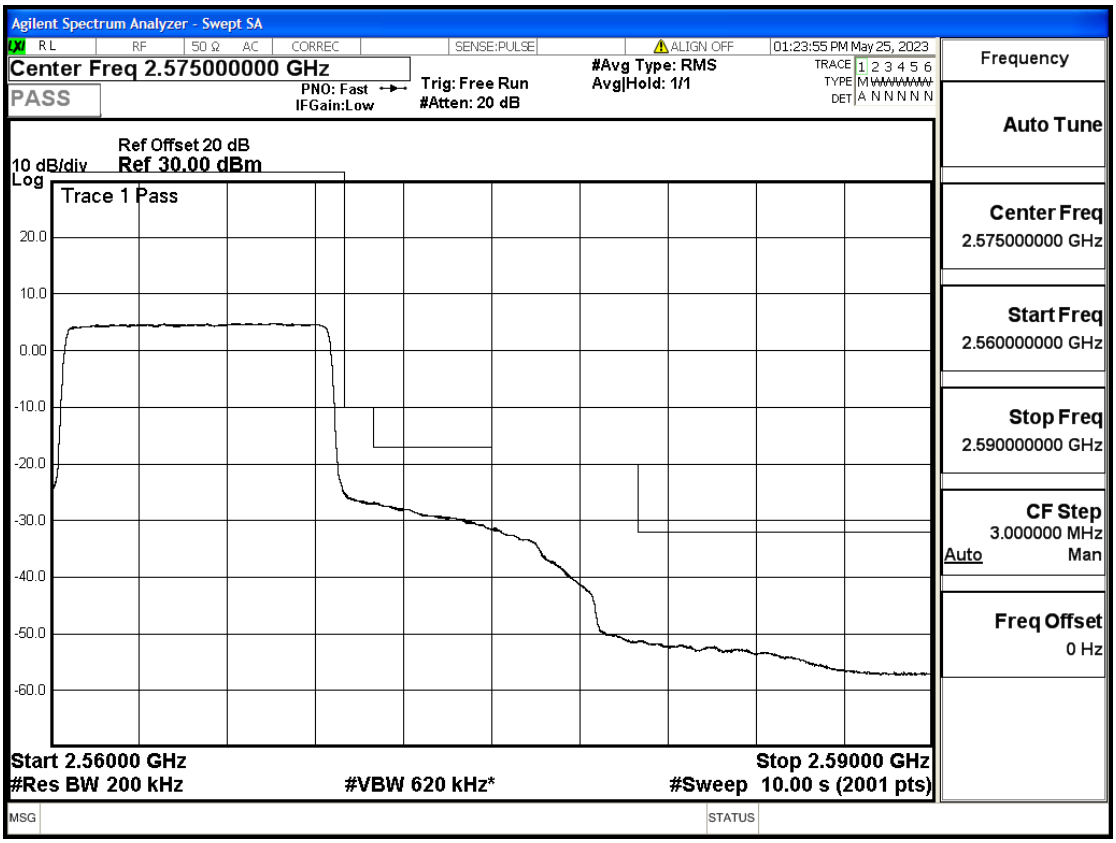
Band7-10-2505-16QAM-50#LOW@Pass



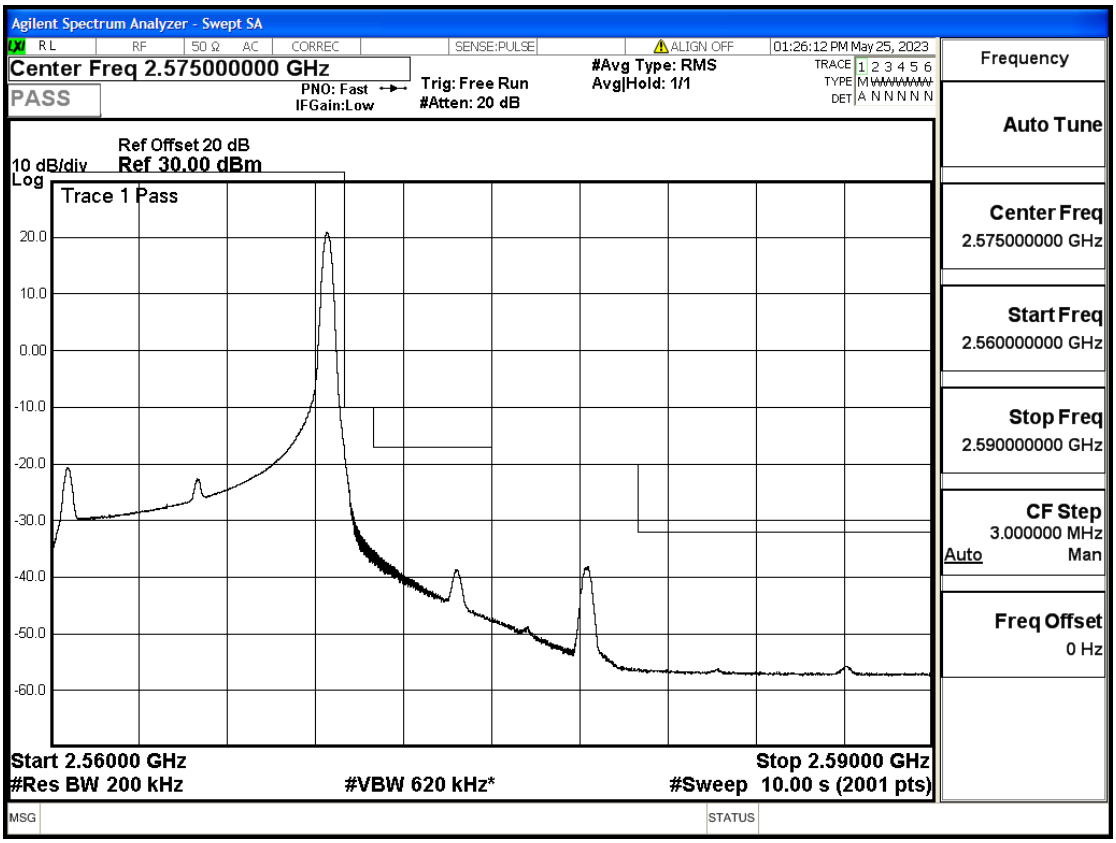
Band7-10-2505-16QAM-1#LOW@Pass



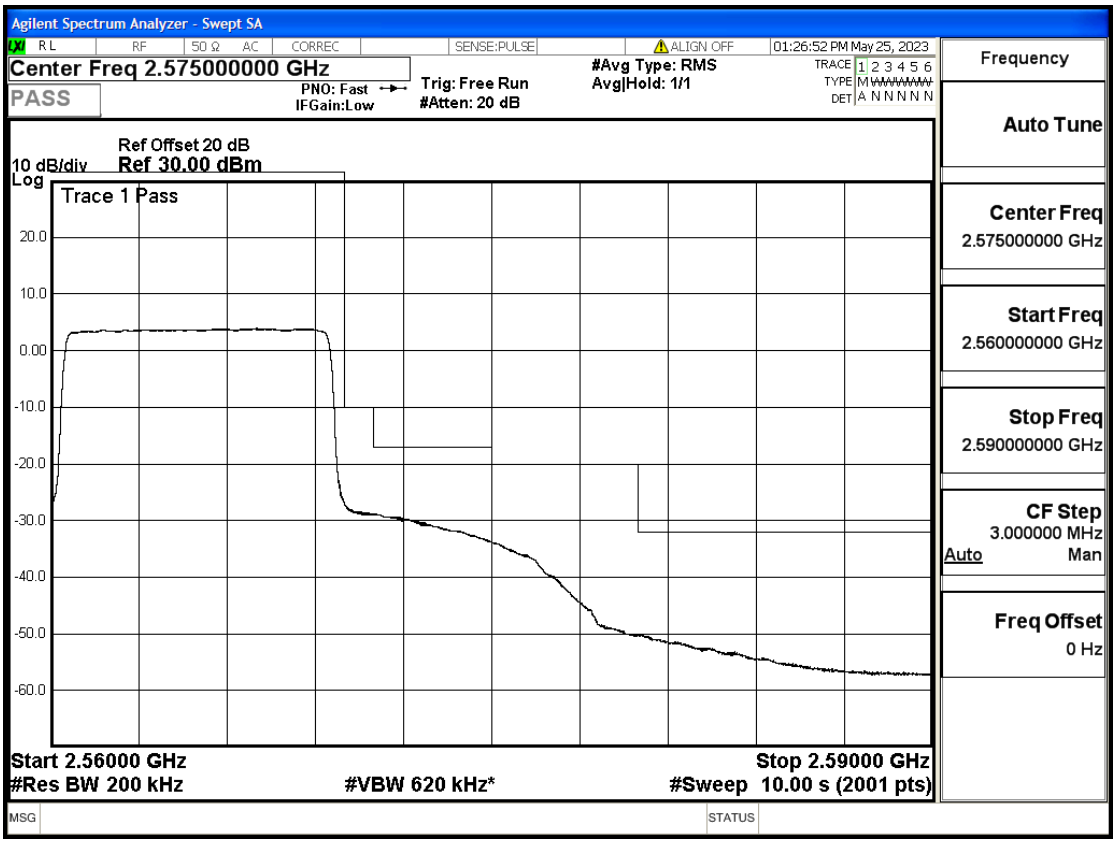
Band7-10-2565-QPSK-50#LOW@Pass



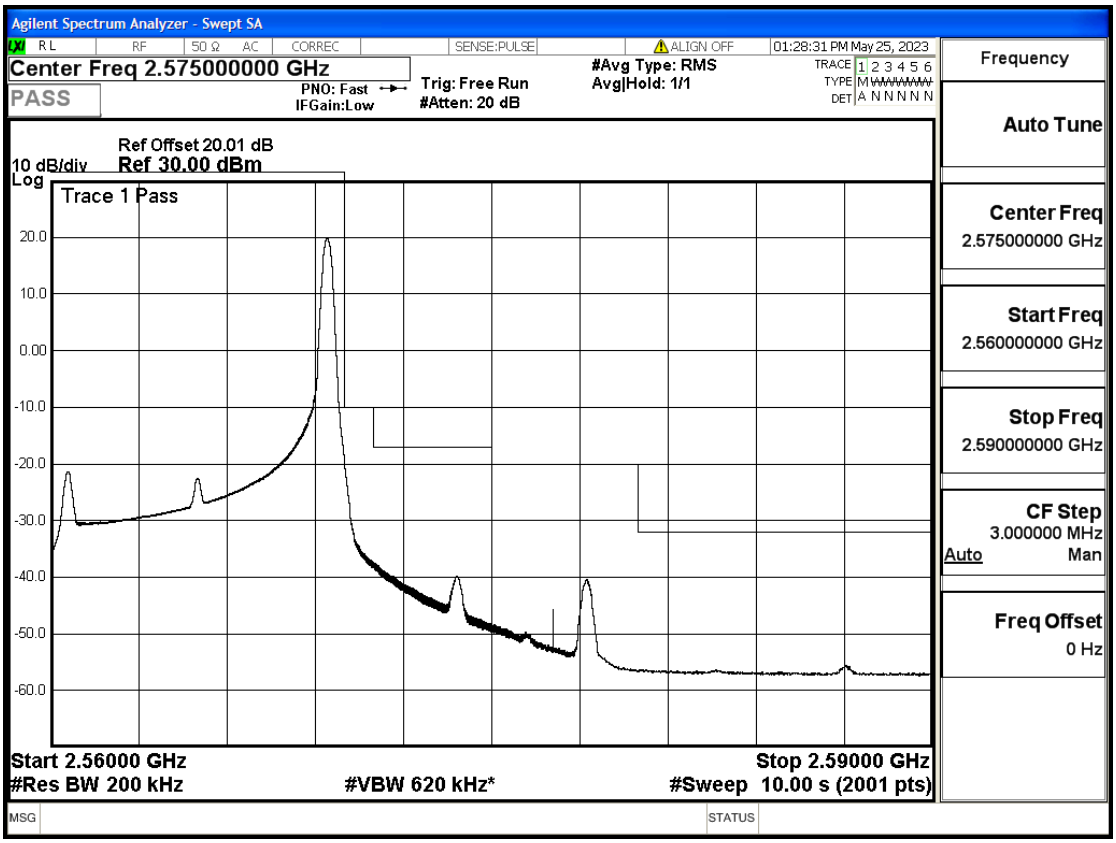
Band7-10-2565-QPSK-1#HIGH@Pass



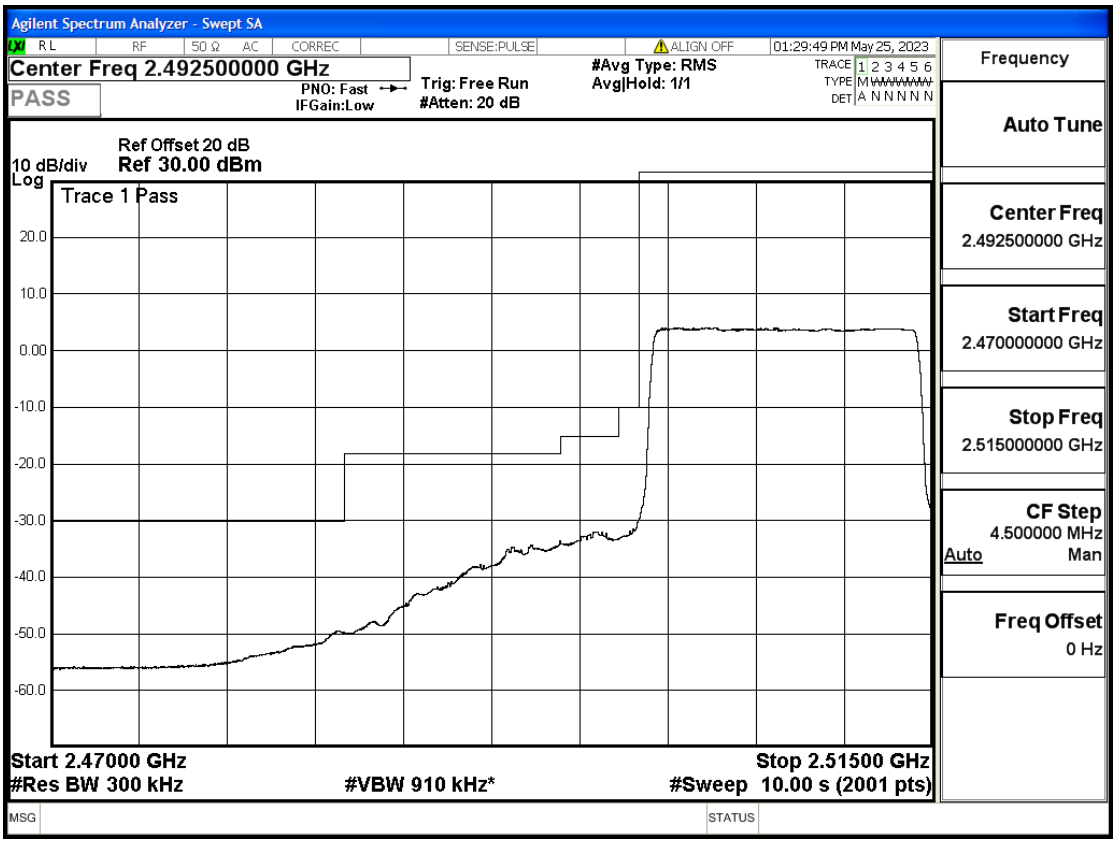
Band7-10-2565-16QAM-50#LOW@Pass



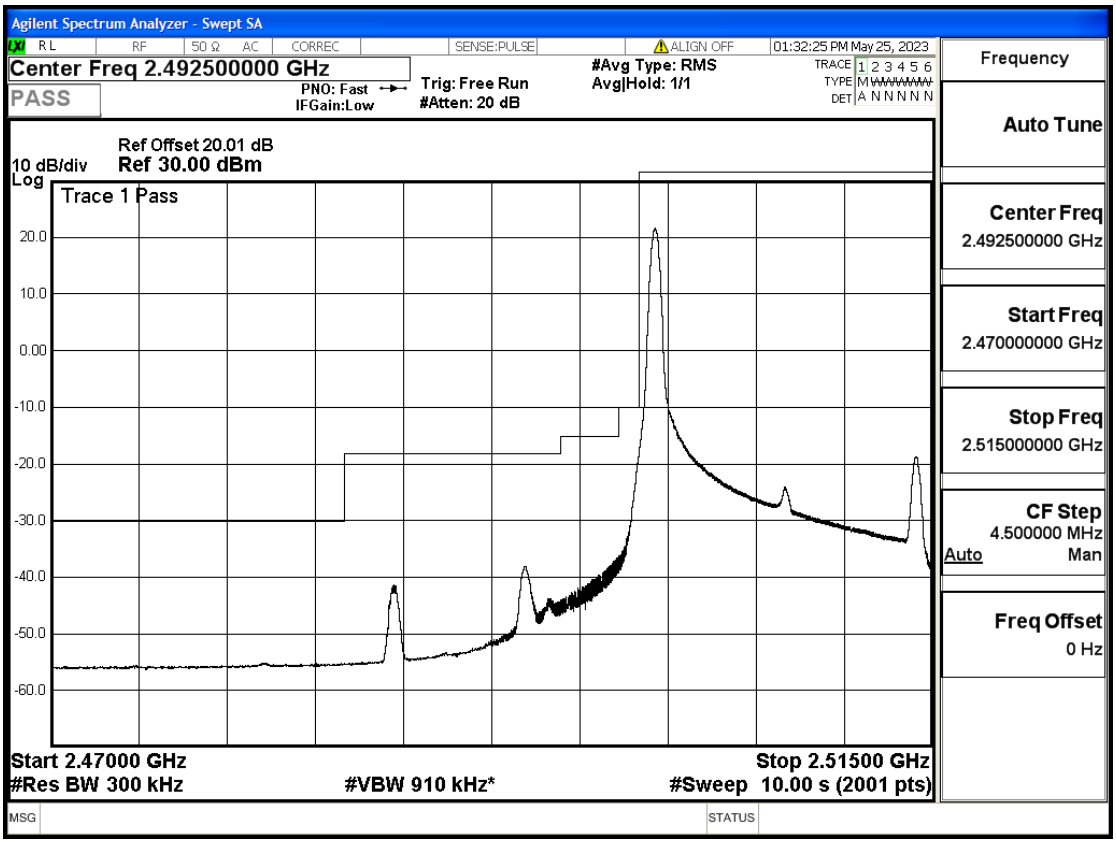
Band7-10-2565-16QAM-1#HIGH@Pass



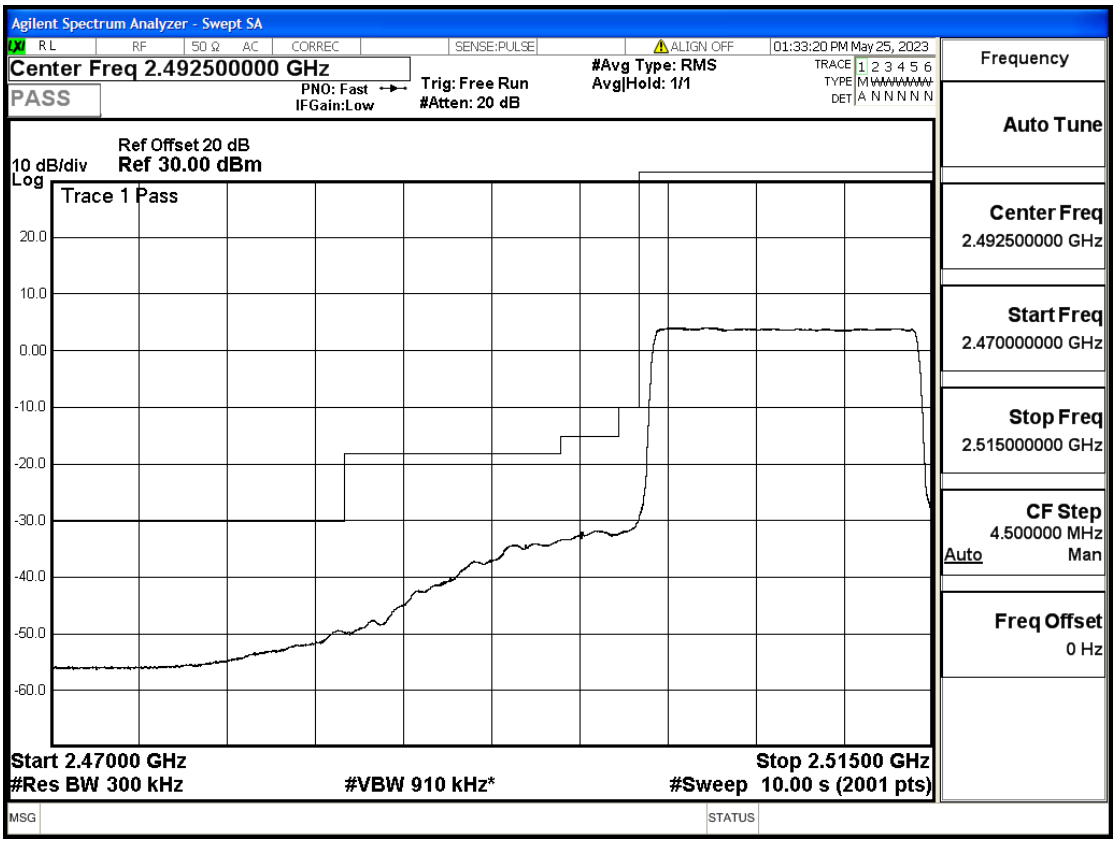
Band7-15-2507.5-QPSK-75#LOW@Pass



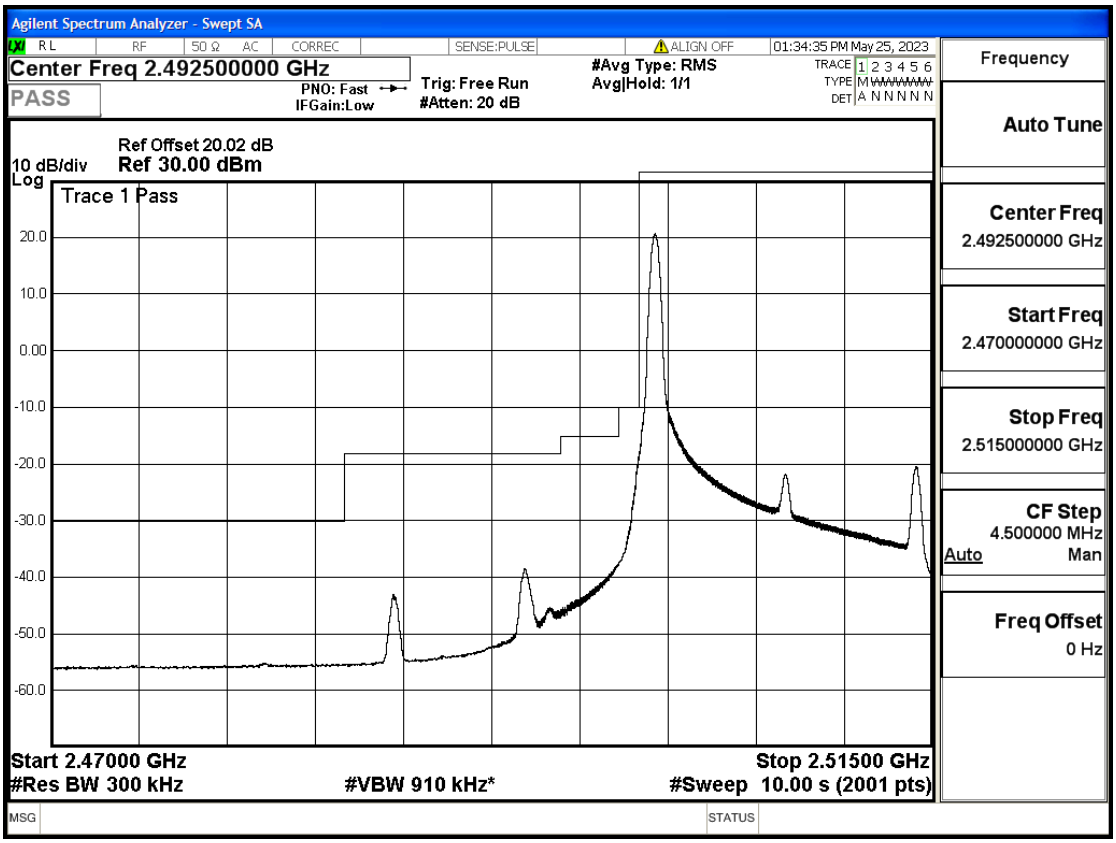
Band7-15-2507.5-QPSK-1#LOW@Pass



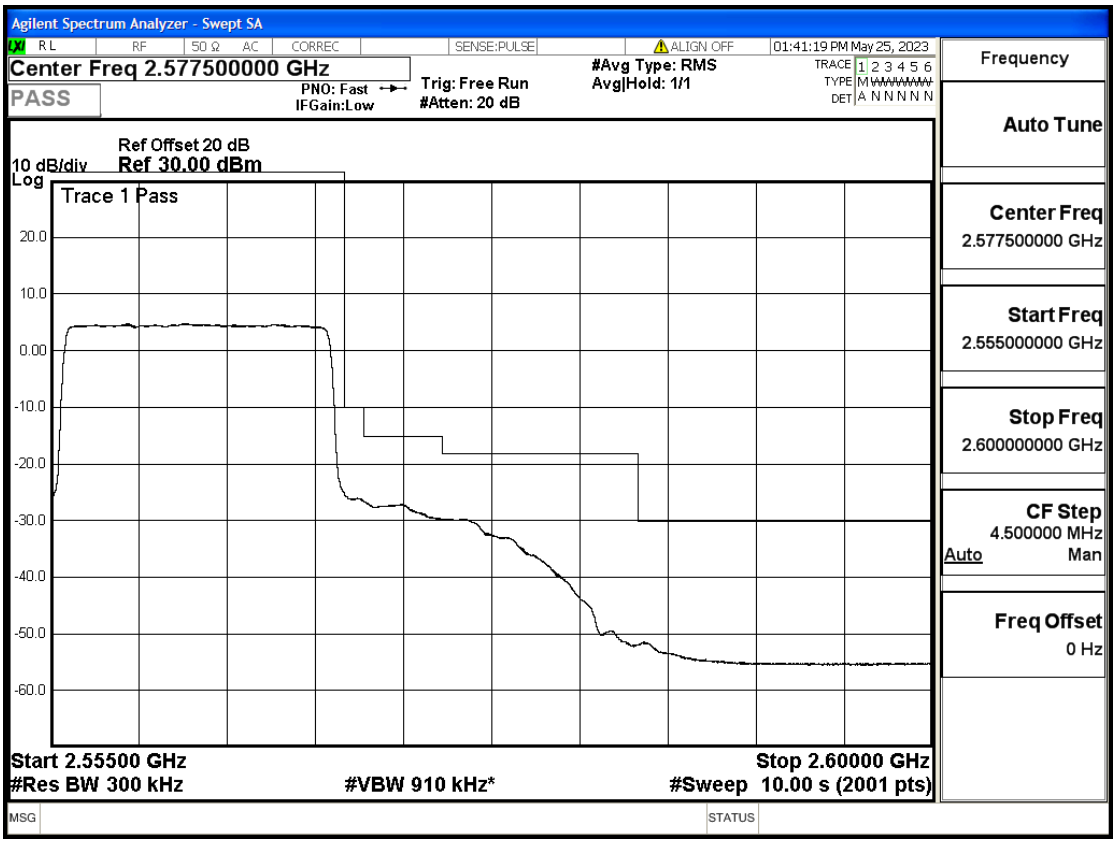
Band7-15-2507.5-16QAM-75#LOW@Pass



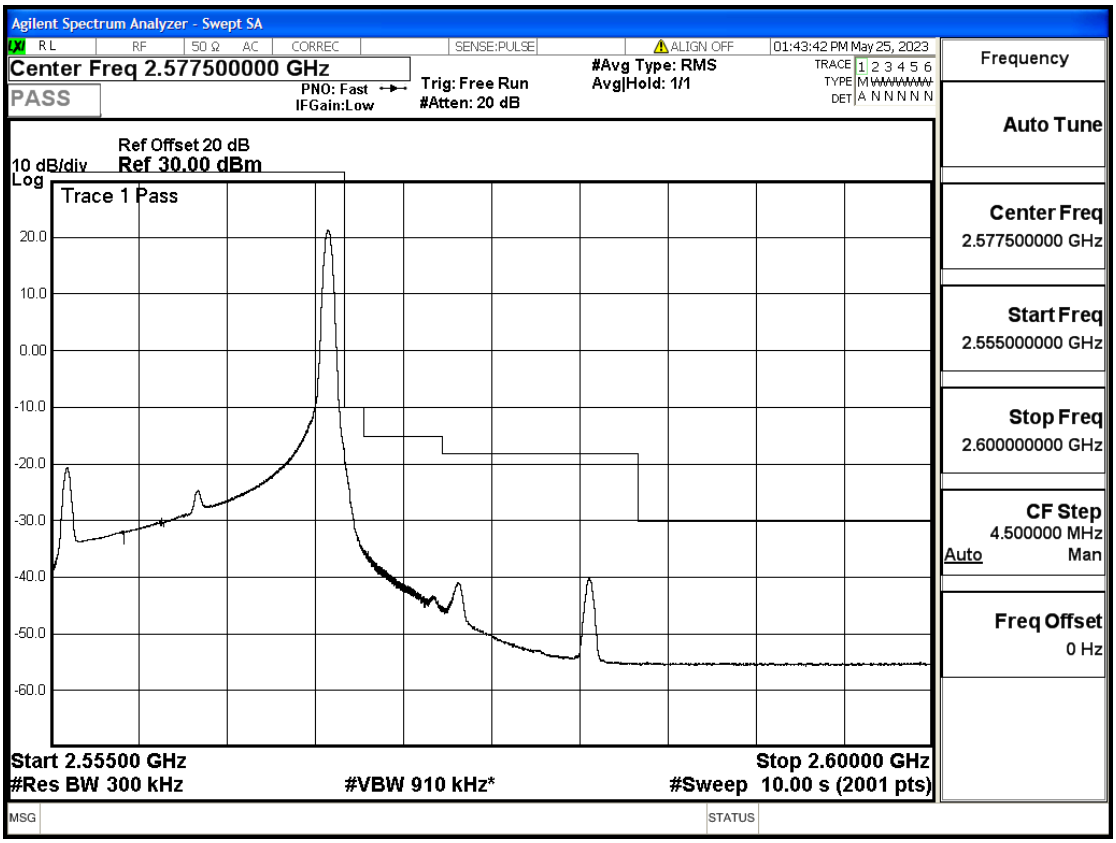
Band7-15-2507.5-16QAM-1#LOW@Pass



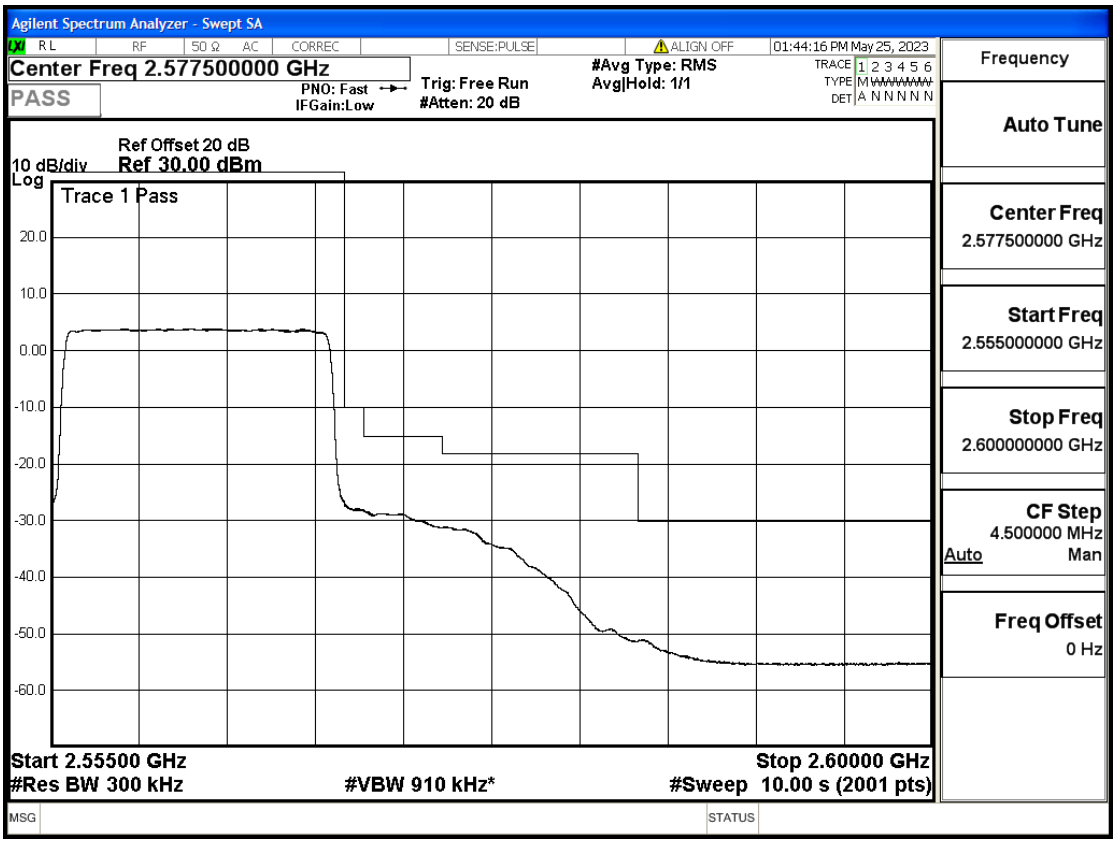
Band7-15-2562.5-QPSK-75#LOW@Pass



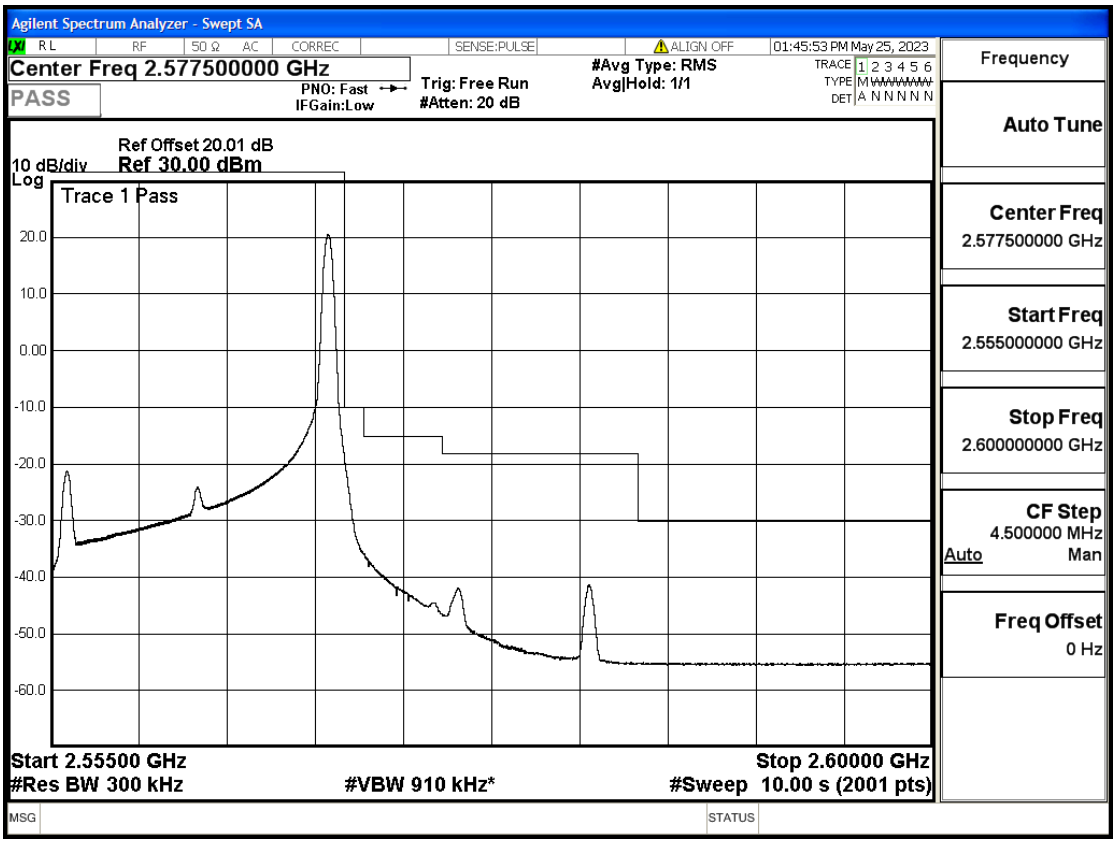
Band7-15-2562.5-QPSK-1#HIGH@Pass



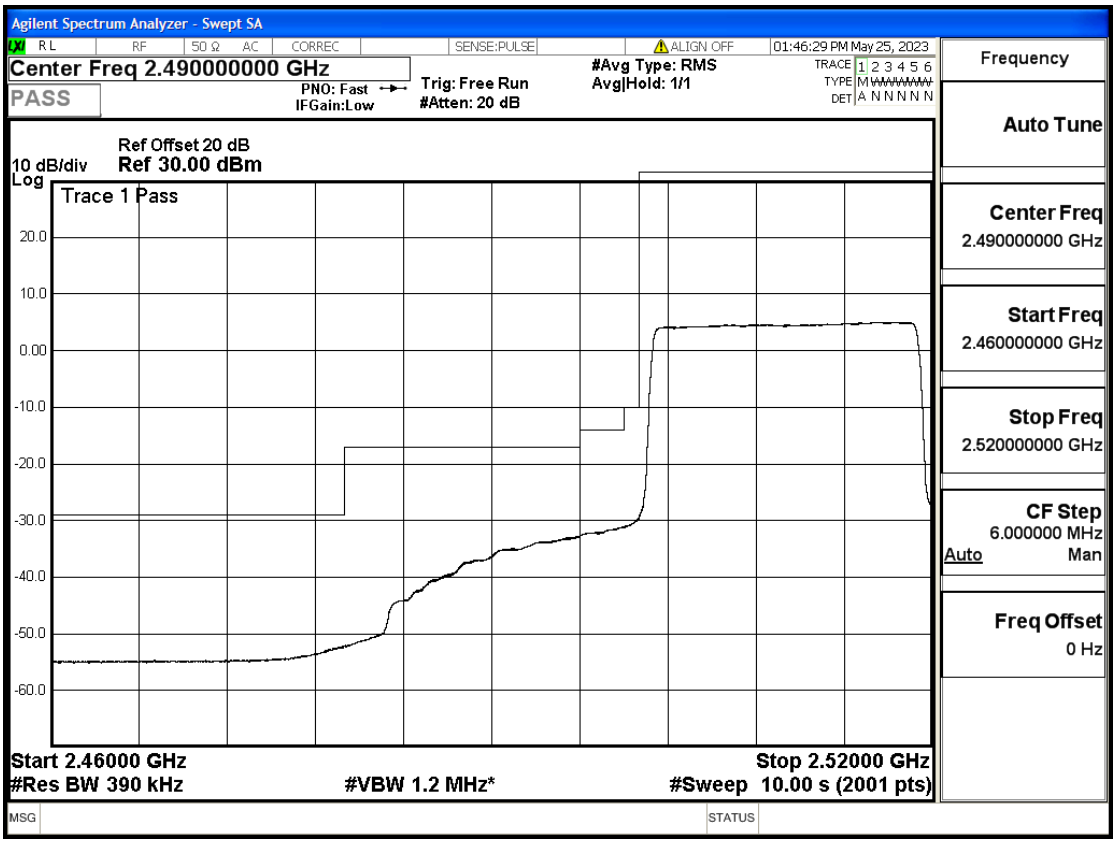
Band7-15-2562.5-16QAM-75#LOW@Pass



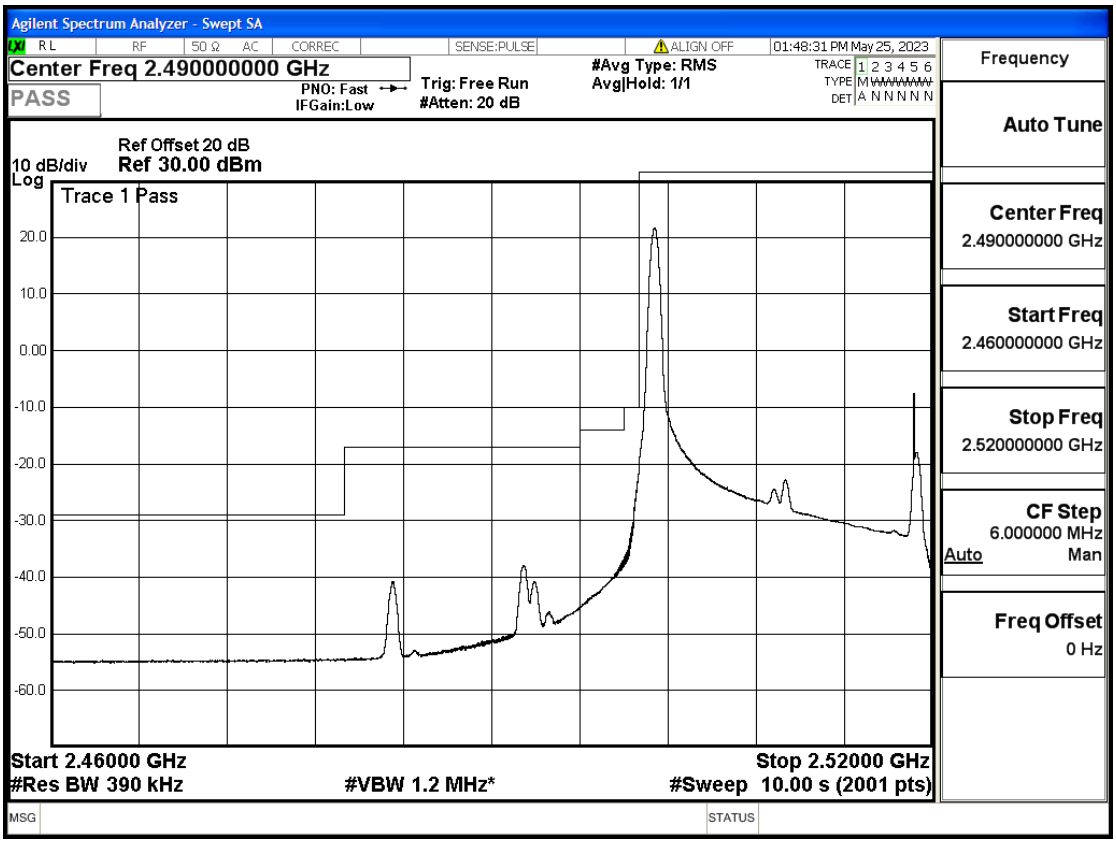
Band7-15-2562.5-16QAM-1#HIGH@Pass



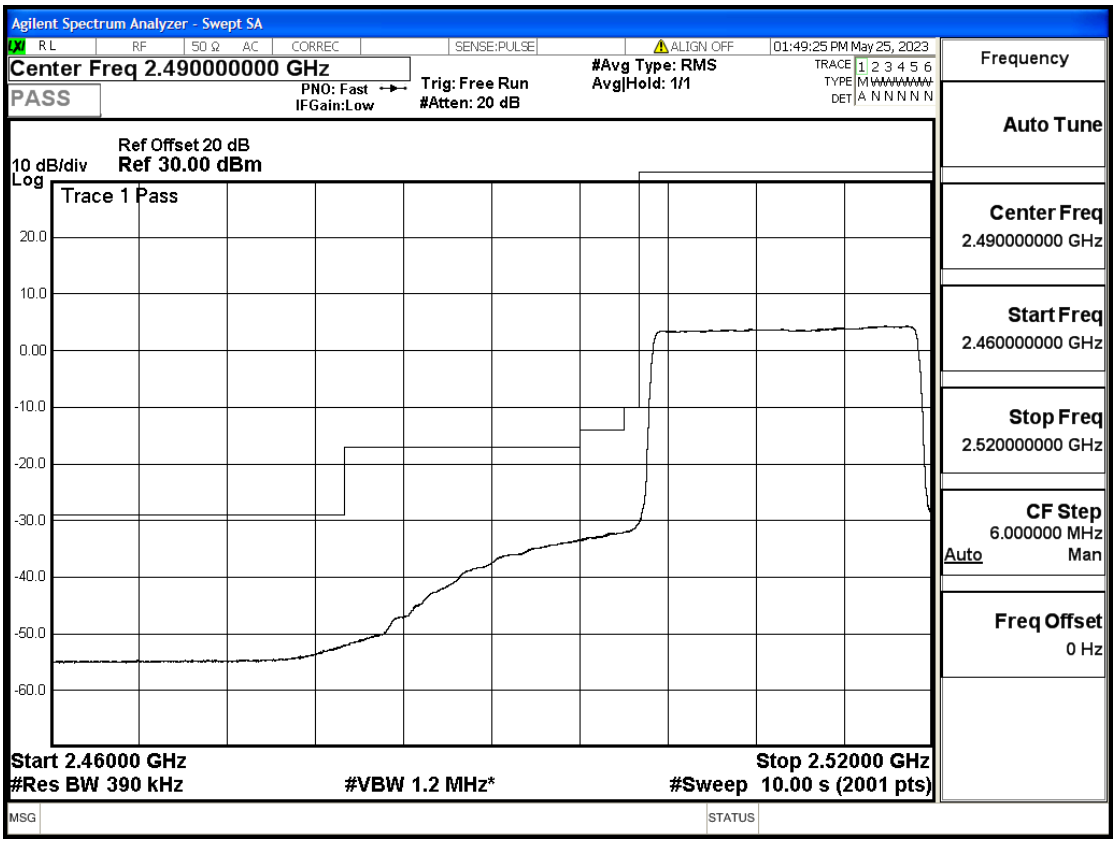
Band7-20-2510-QPSK-100#LOW@Pass



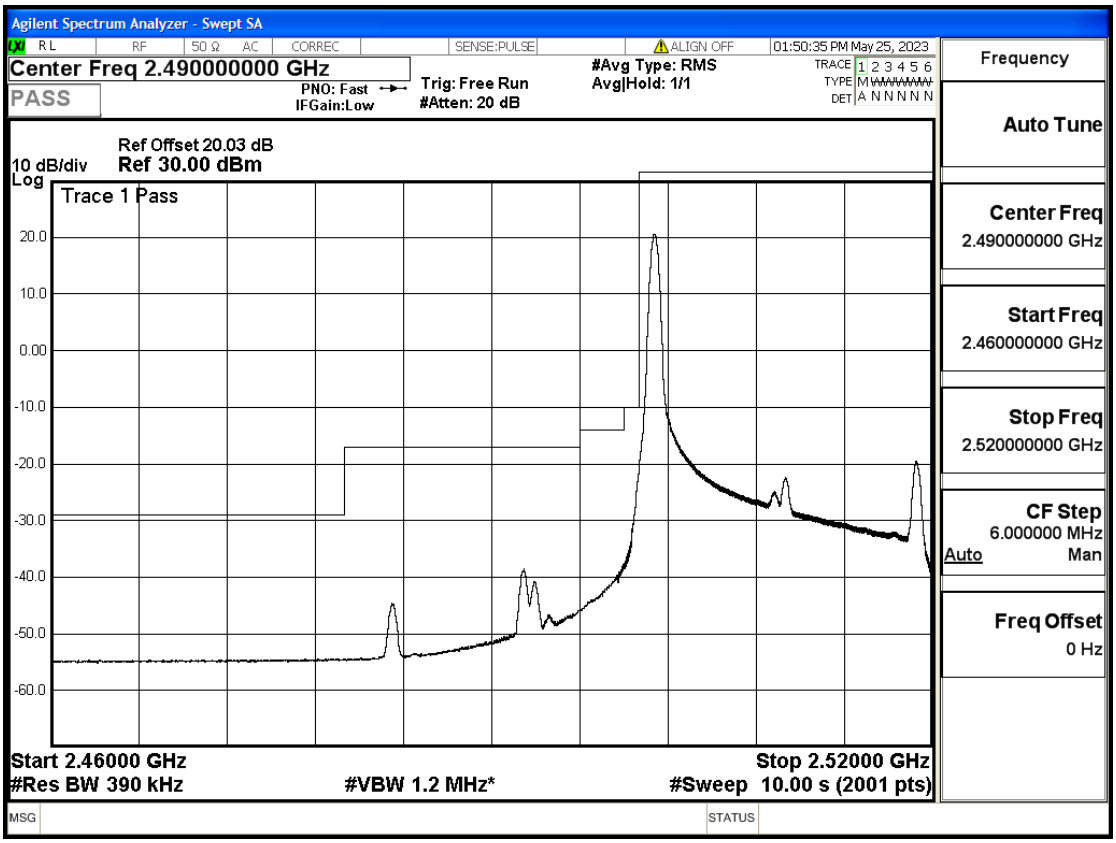
Band7-20-2510-QPSK-1#LOW@Pass



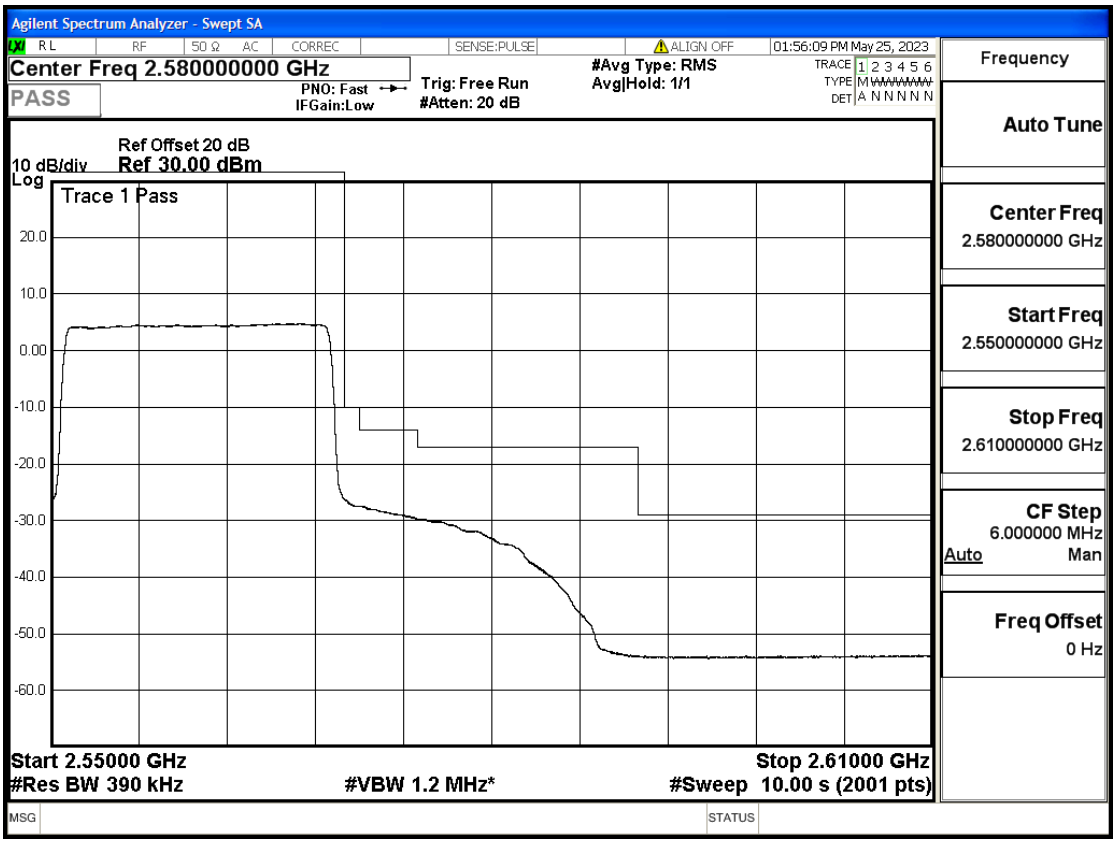
Band7-20-2510-16QAM-100#LOW@Pass



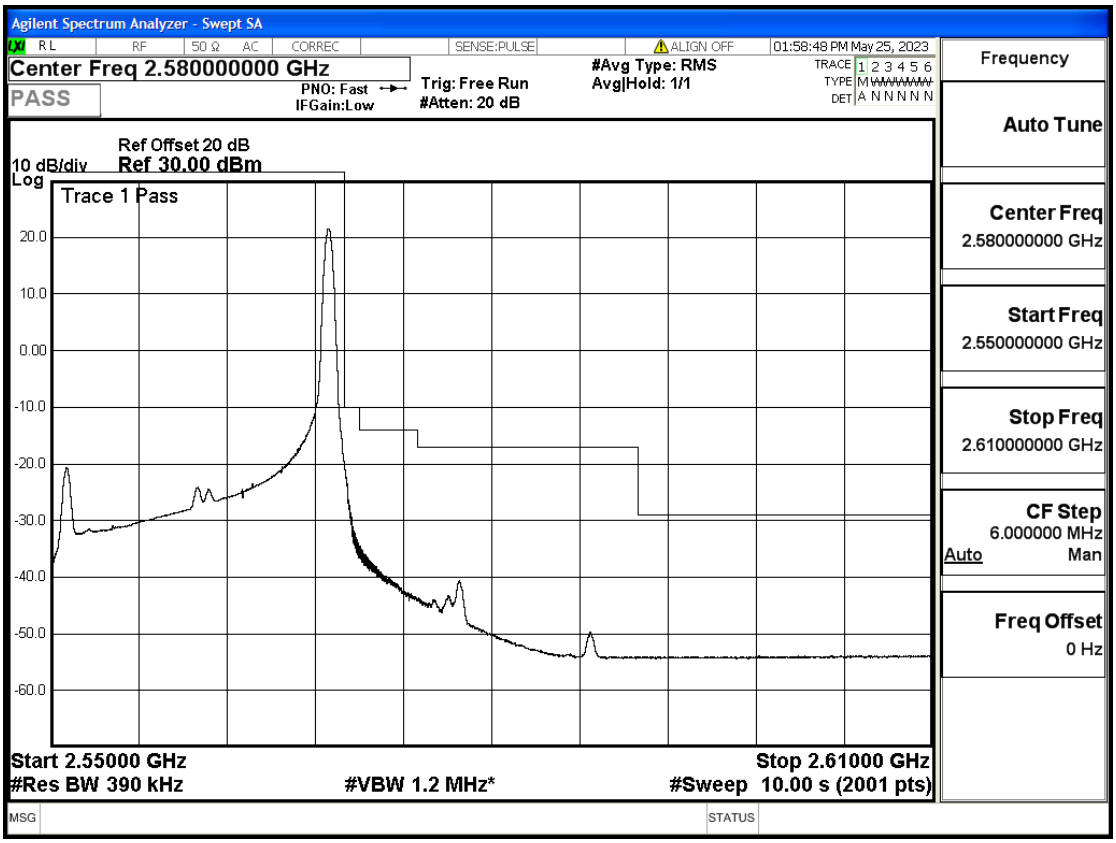
Band7-20-2510-16QAM-1#LOW@Pass



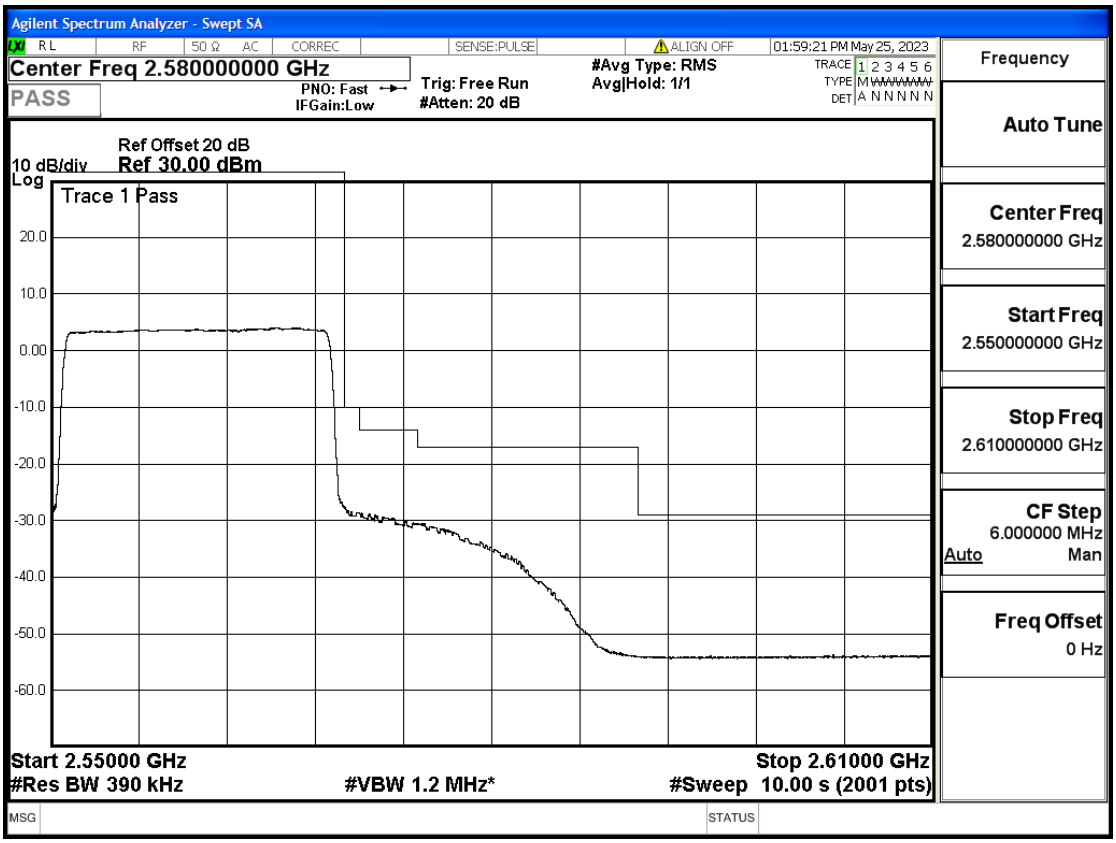
Band7-20-2560-QPSK-100#LOW@Pass



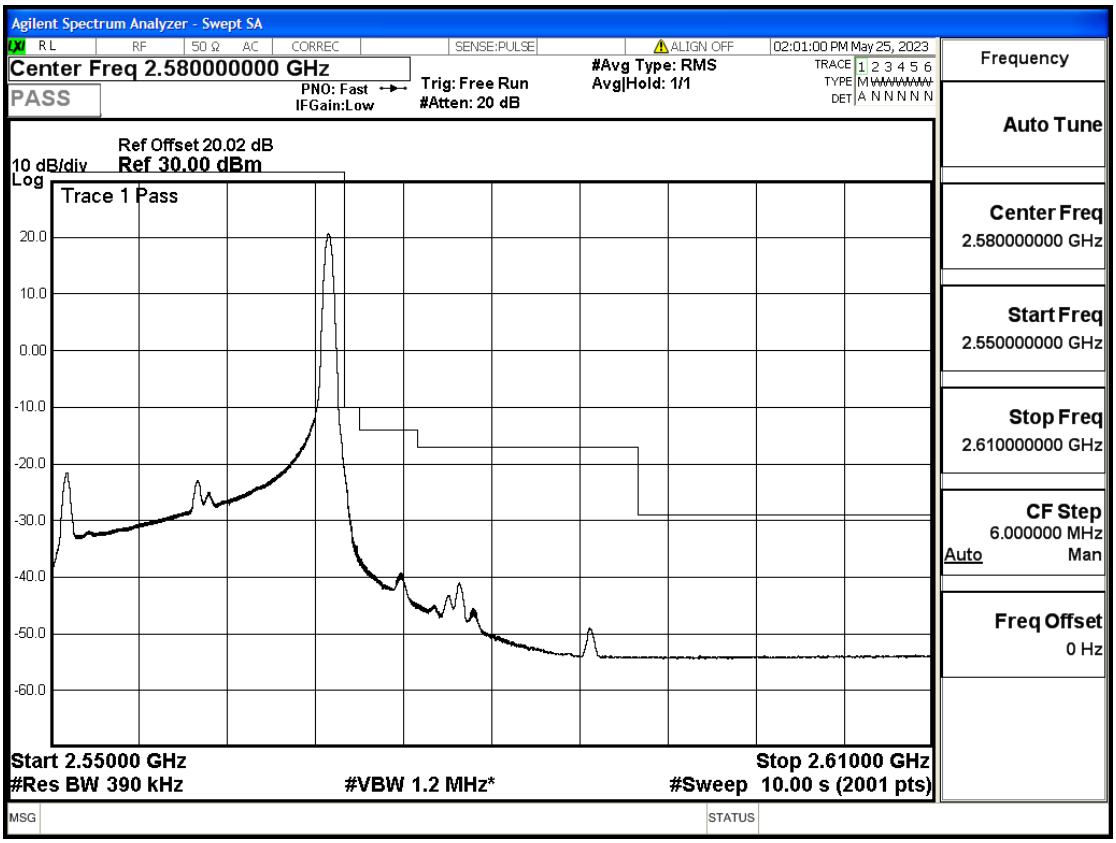
Band7-20-2560-QPSK-1#HIGH@Pass



Band7-20-2560-16QAM-100#LOW@Pass



Band7-20-2560-16QAM-1#HIGH@Pass



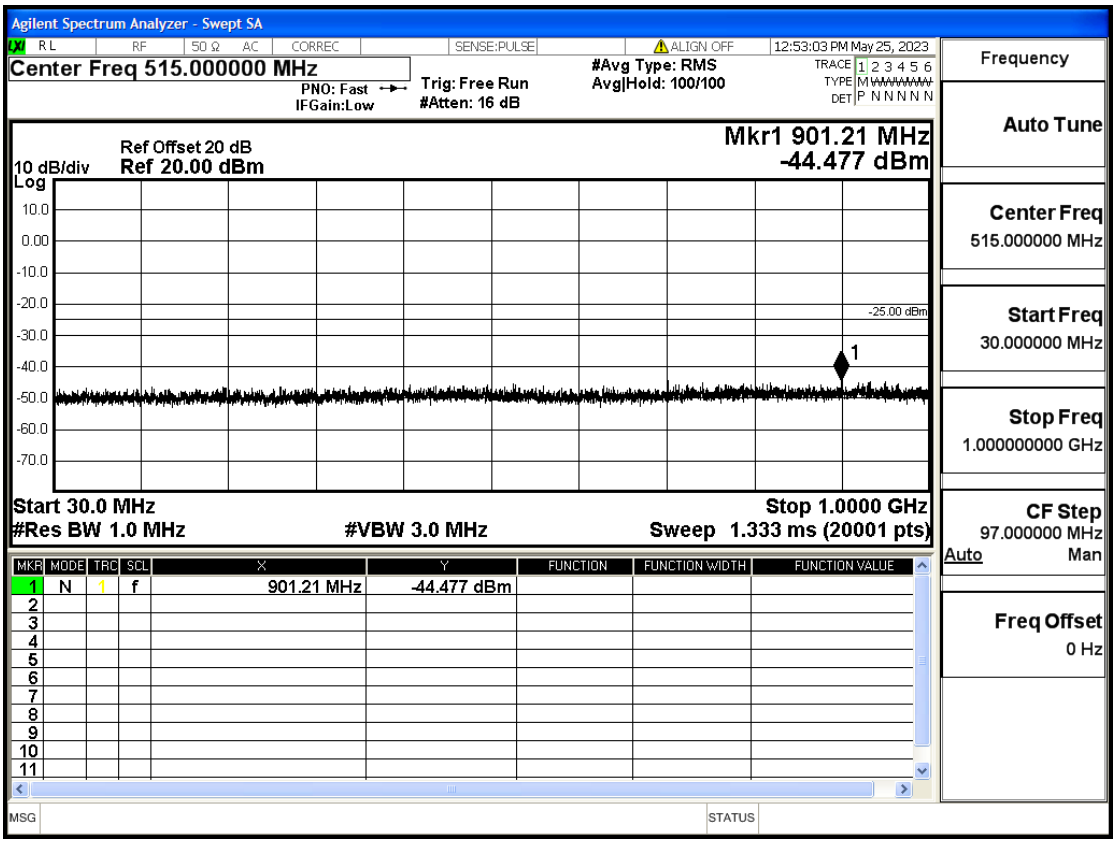
Conducted Spurious Emission

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB7	5	2502.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB7	5	2502.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB7	5	2502.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2502.5	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB7	5	2535	QPSK	25	LOW	30mHz-1GHz	Pass
OB7	5	2535	QPSK	25	LOW	1GHz-7GHz	Pass
OB7	5	2535	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2535	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB7	5	2567.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB7	5	2567.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB7	5	2567.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2567.5	QPSK	25	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2505	QPSK	50	LOW	30mHz-1GHz	Pass
OB7	10	2505	QPSK	50	LOW	1GHz-7GHz	Pass
OB7	10	2505	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2505	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2535	QPSK	50	LOW	30mHz-1GHz	Pass
OB7	10	2535	QPSK	50	LOW	1GHz-7GHz	Pass
OB7	10	2535	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2535	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2565	QPSK	50	LOW	30mHz-1GHz	Pass
OB7	10	2565	QPSK	50	LOW	1GHz-7GHz	Pass
OB7	10	2565	QPSK	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2565	QPSK	50	LOW	13.6GHz-26.5GHz	Pass
OB7	15	2507.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB7	15	2507.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB7	15	2507.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2507.5	QPSK	75	LOW	13.6GHz-26.5GHz	Pass
OB7	15	2535	QPSK	75	LOW	30mHz-1GHz	Pass
OB7	15	2535	QPSK	75	LOW	1GHz-7GHz	Pass
OB7	15	2535	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2535	QPSK	75	LOW	13.6GHz-26.5GHz	Pass
OB7	15	2562.5	QPSK	75	LOW	30mHz-1GHz	Pass
OB7	15	2562.5	QPSK	75	LOW	1GHz-7GHz	Pass
OB7	15	2562.5	QPSK	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2562.5	QPSK	75	LOW	13.6GHz-26.5GHz	Pass
OB7	20	2510	QPSK	100	LOW	30mHz-1GHz	Pass
OB7	20	2510	QPSK	100	LOW	1GHz-7GHz	Pass
OB7	20	2510	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2510	QPSK	100	LOW	13.6GHz-26.5GHz	Pass

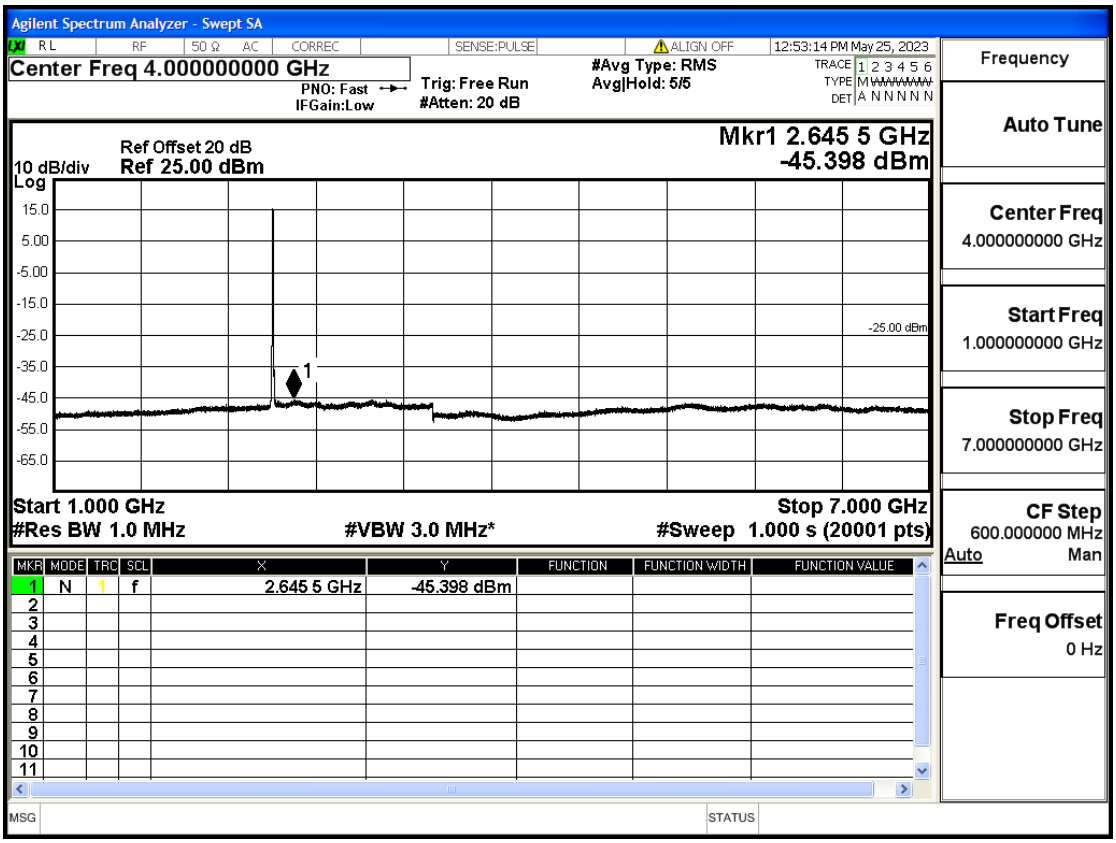
OB7	20	2535	QPSK	100	LOW	30mHz-1GHz	Pass
OB7	20	2535	QPSK	100	LOW	1GHz-7GHz	Pass
OB7	20	2535	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2535	QPSK	100	LOW	13.6GHz-26.5GHz	Pass
OB7	20	2560	QPSK	100	LOW	30mHz-1GHz	Pass
OB7	20	2560	QPSK	100	LOW	1GHz-7GHz	Pass
OB7	20	2560	QPSK	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2560	QPSK	100	LOW	13.6GHz-26.5GHz	Pass
OB7	5	2502.5	Q16	25	LOW	30mHz-1GHz	Pass
OB7	5	2502.5	Q16	25	LOW	1GHz-7GHz	Pass
OB7	5	2502.5	Q16	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2502.5	Q16	25	LOW	13.6GHz-26.5GHz	Pass
OB7	5	2535	Q16	25	LOW	30mHz-1GHz	Pass
OB7	5	2535	Q16	25	LOW	1GHz-7GHz	Pass
OB7	5	2535	Q16	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2535	Q16	25	LOW	13.6GHz-26.5GHz	Pass
OB7	5	2567.5	Q16	25	LOW	30mHz-1GHz	Pass
OB7	5	2567.5	Q16	25	LOW	1GHz-7GHz	Pass
OB7	5	2567.5	Q16	25	LOW	7GHz-13.6GHz	Pass
OB7	5	2567.5	Q16	25	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2505	Q16	50	LOW	30mHz-1GHz	Pass
OB7	10	2505	Q16	50	LOW	1GHz-7GHz	Pass
OB7	10	2505	Q16	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2505	Q16	50	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2535	Q16	50	LOW	30mHz-1GHz	Pass
OB7	10	2535	Q16	50	LOW	1GHz-7GHz	Pass
OB7	10	2535	Q16	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2535	Q16	50	LOW	13.6GHz-26.5GHz	Pass
OB7	10	2565	Q16	50	LOW	30mHz-1GHz	Pass
OB7	10	2565	Q16	50	LOW	1GHz-7GHz	Pass
OB7	10	2565	Q16	50	LOW	7GHz-13.6GHz	Pass
OB7	10	2565	Q16	50	LOW	13.6GHz-26.5GHz	Pass
OB7	15	2507.5	Q16	75	LOW	30mHz-1GHz	Pass
OB7	15	2507.5	Q16	75	LOW	1GHz-7GHz	Pass
OB7	15	2507.5	Q16	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2507.5	Q16	75	LOW	13.6GHz-26.5GHz	Pass
OB7	15	2535	Q16	75	LOW	30mHz-1GHz	Pass
OB7	15	2535	Q16	75	LOW	1GHz-7GHz	Pass
OB7	15	2535	Q16	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2535	Q16	75	LOW	13.6GHz-26.5GHz	Pass
OB7	15	2562.5	Q16	75	LOW	30mHz-1GHz	Pass
OB7	15	2562.5	Q16	75	LOW	1GHz-7GHz	Pass
OB7	15	2562.5	Q16	75	LOW	7GHz-13.6GHz	Pass
OB7	15	2562.5	Q16	75	LOW	13.6GHz-26.5GHz	Pass
OB7	20	2510	Q16	100	LOW	30mHz-1GHz	Pass
OB7	20	2510	Q16	100	LOW	1GHz-7GHz	Pass

OB7	20	2510	Q16	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2510	Q16	100	LOW	13.6GHz-26.5GHz	Pass
OB7	20	2535	Q16	100	LOW	30mHz-1GHz	Pass
OB7	20	2535	Q16	100	LOW	1GHz-7GHz	Pass
OB7	20	2535	Q16	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2535	Q16	100	LOW	13.6GHz-26.5GHz	Pass
OB7	20	2560	Q16	100	LOW	30mHz-1GHz	Pass
OB7	20	2560	Q16	100	LOW	1GHz-7GHz	Pass
OB7	20	2560	Q16	100	LOW	7GHz-13.6GHz	Pass
OB7	20	2560	Q16	100	LOW	13.6GHz-26.5GHz	Pass

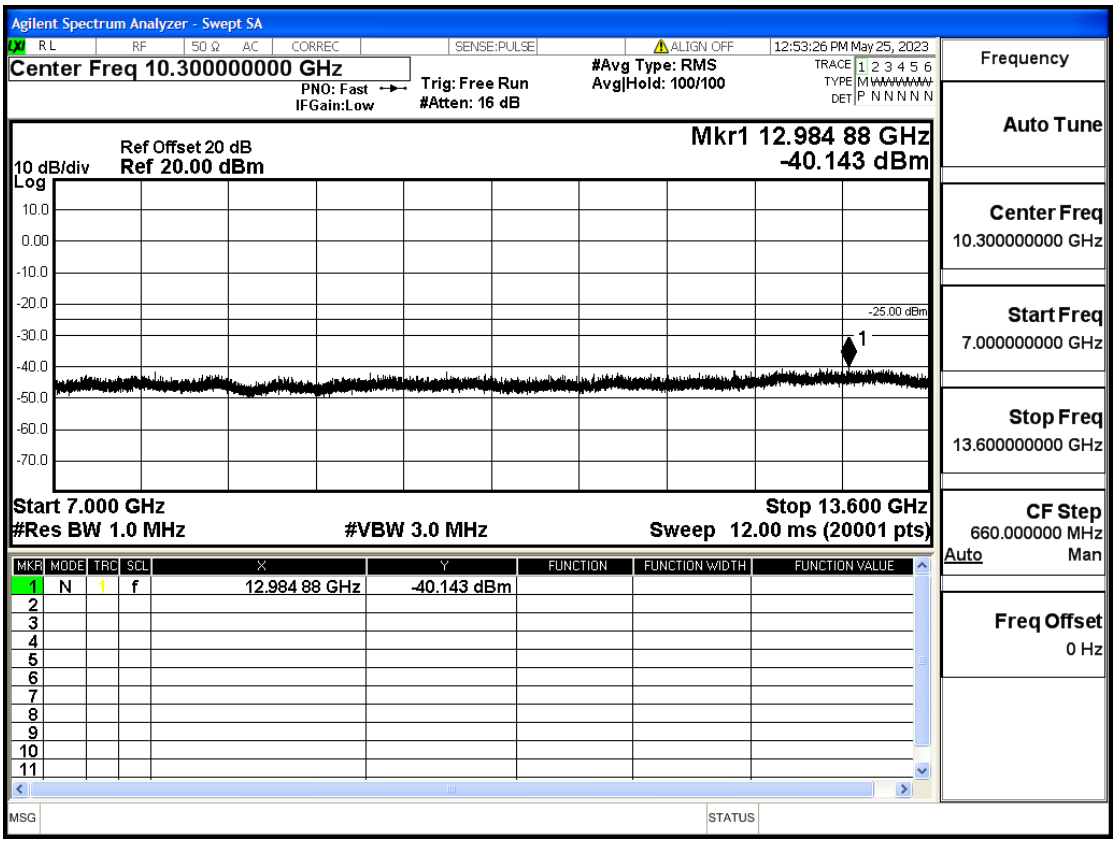
OB7-5-2502.5-QPSK-25#LOW@30mHz-1GHz@Pass



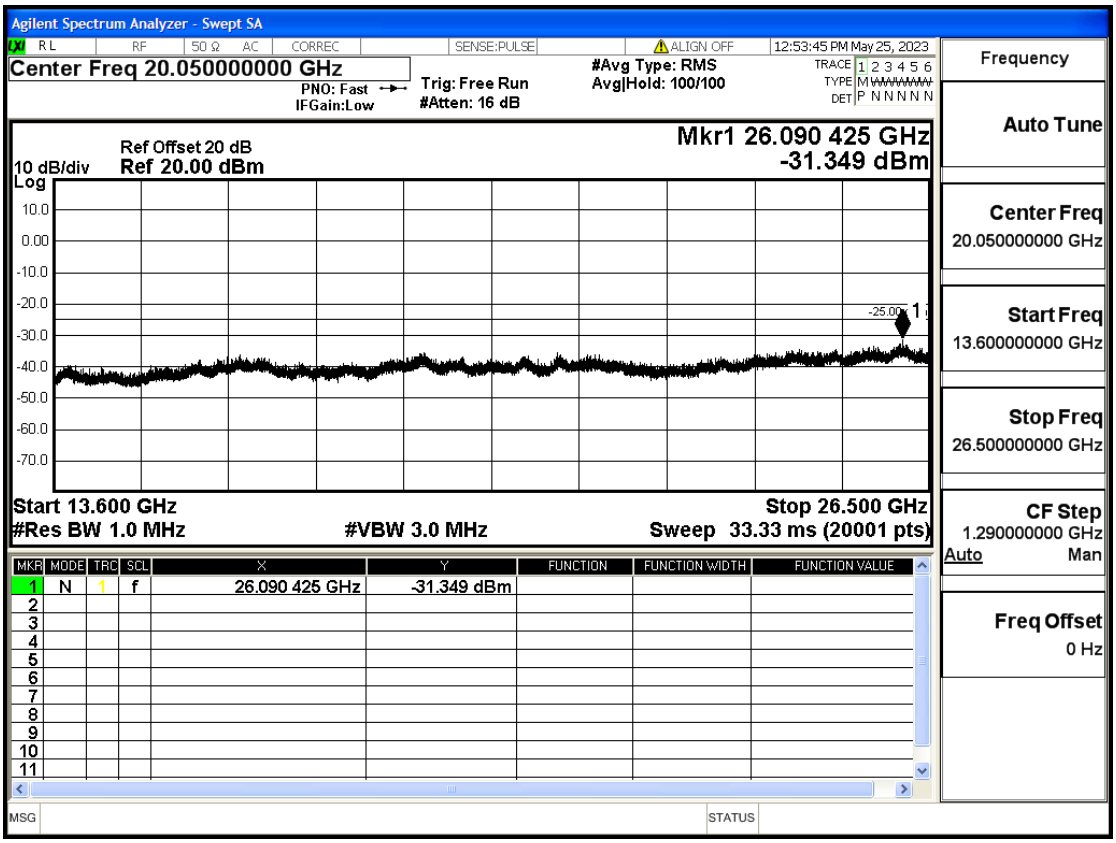
OB7-5-2502.5-QPSK-25#LOW@1GHz-7GHz@Pass



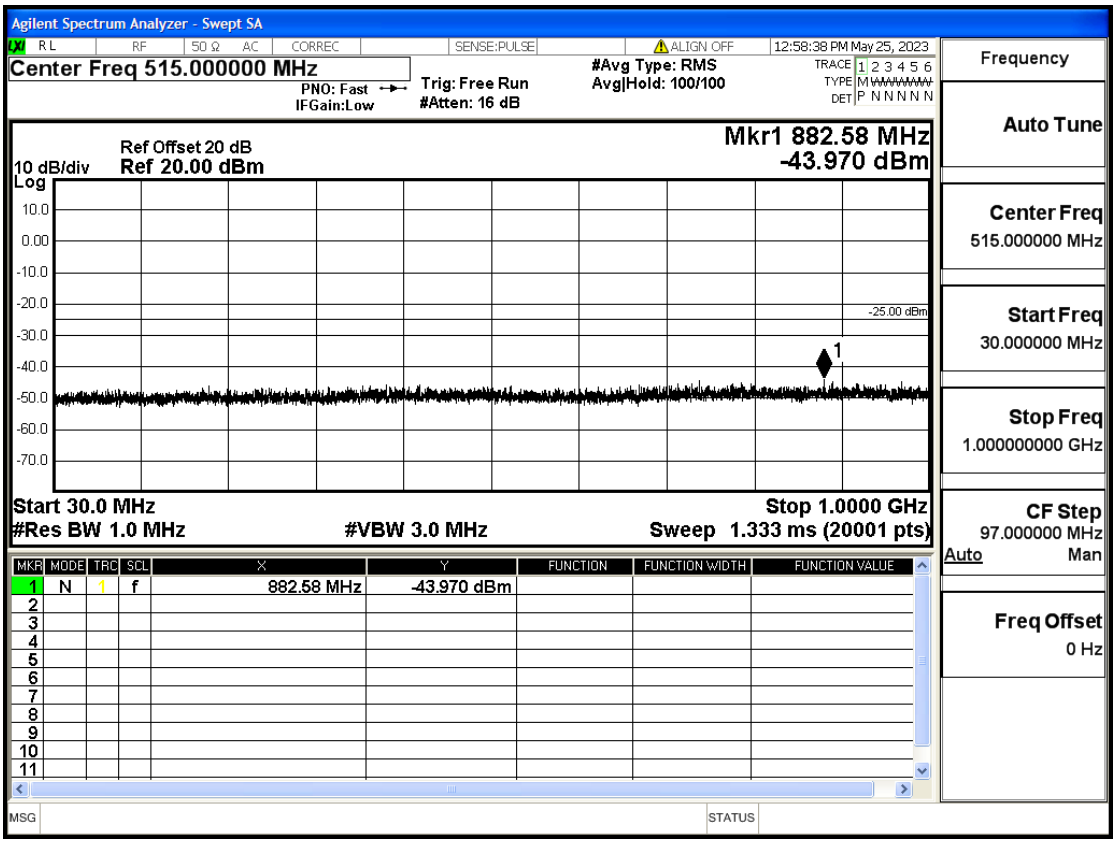
OB7-5-2502.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



OB7-5-2502.5-QPSK-25#LOW@13.6GHz-26.5GHz@Pass



OB7-5-2535-QPSK-25#LOW@30mHz-1GHz@Pass



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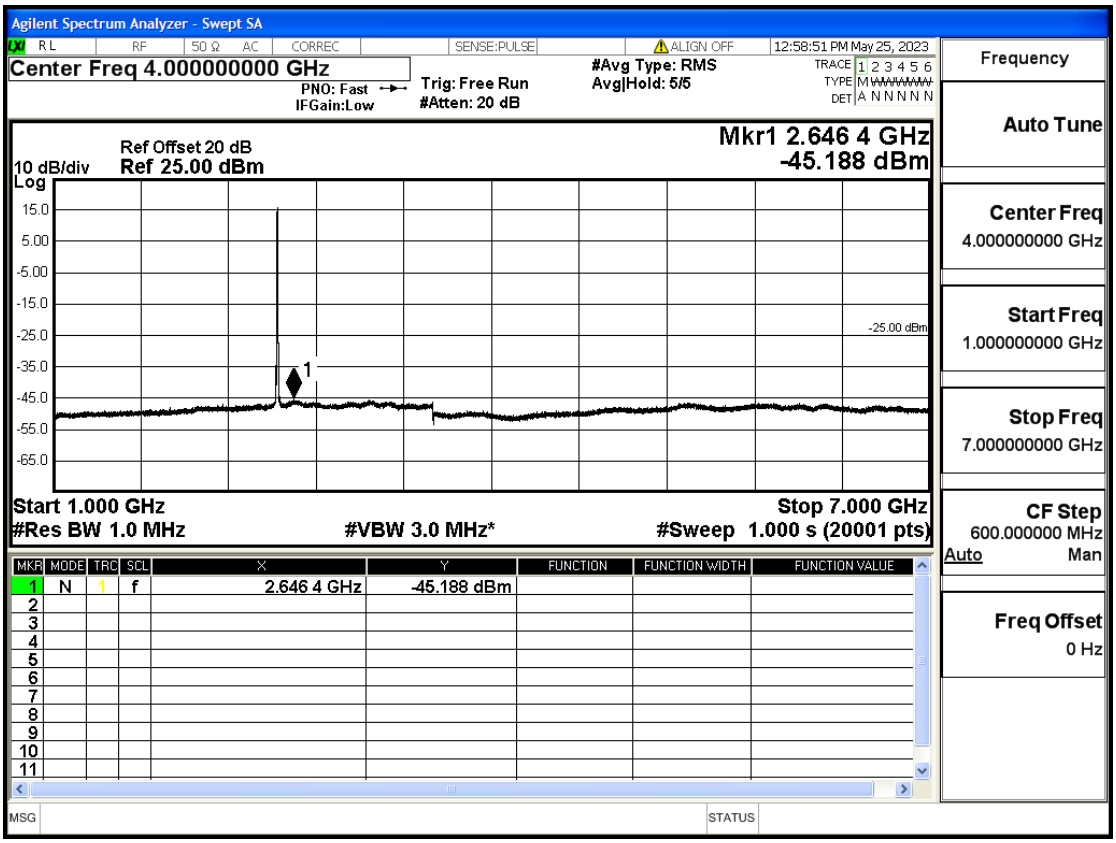
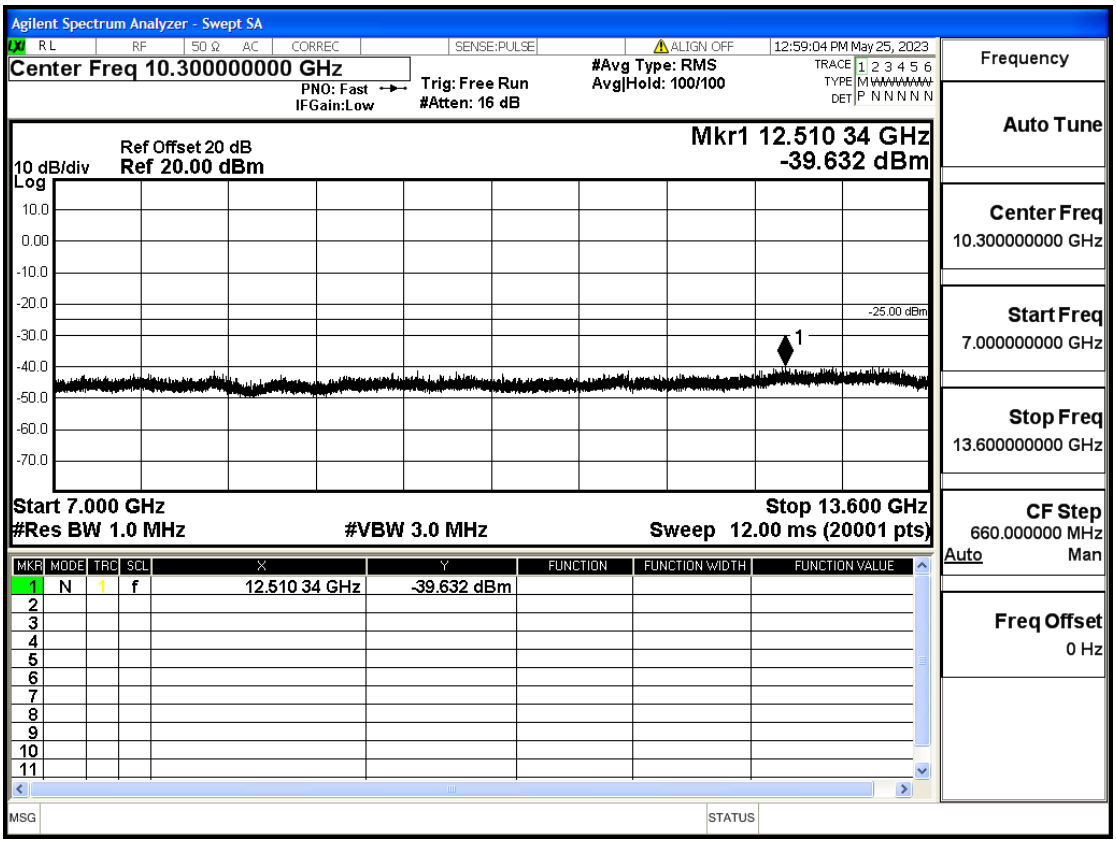


OB7-5-2535-QPSK-25#LOW@7GHz-13.6GHz@Pass



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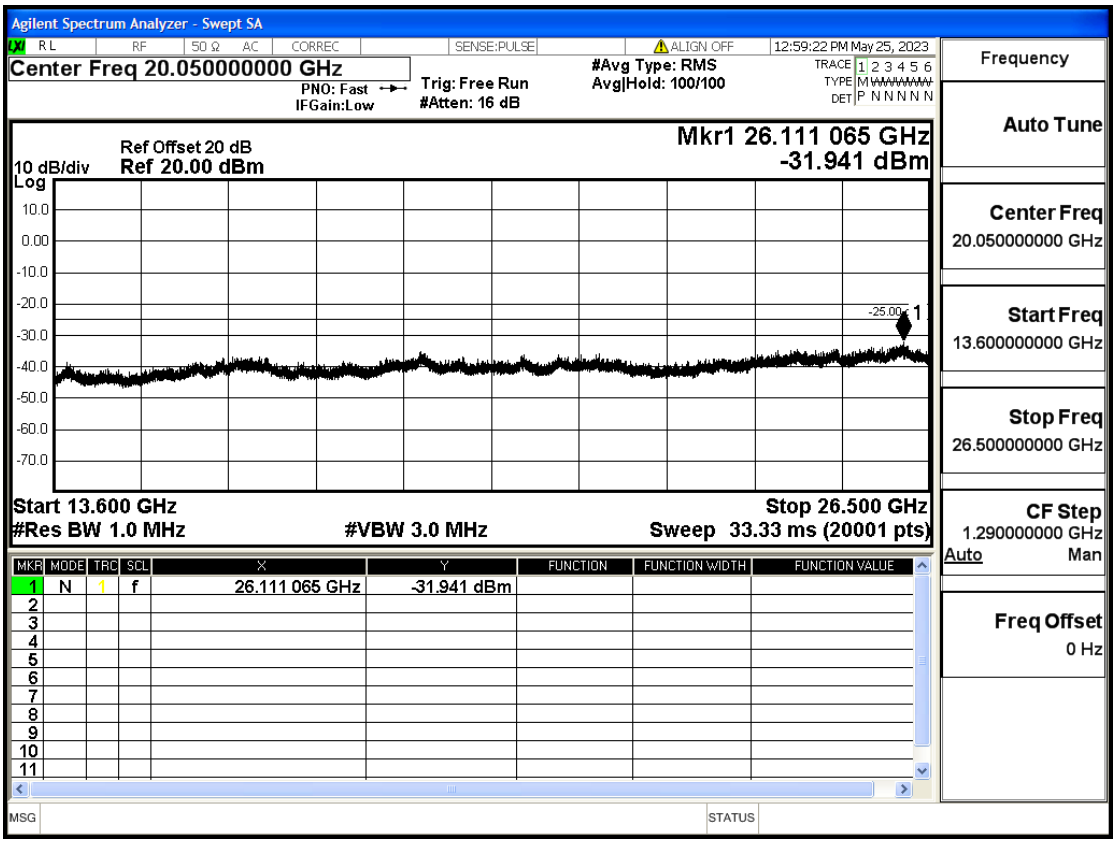
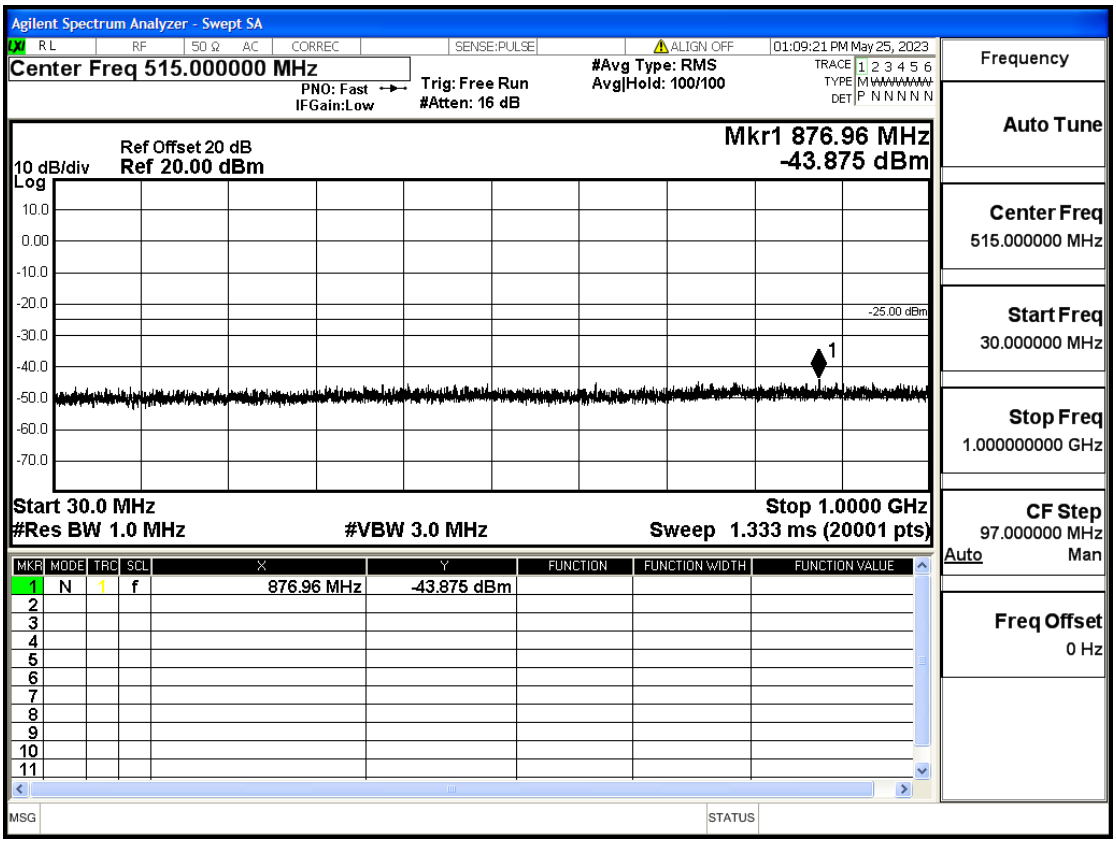


OB7-5-2567.5-QPSK-25#LOW@30mHz-1GHz@Pass



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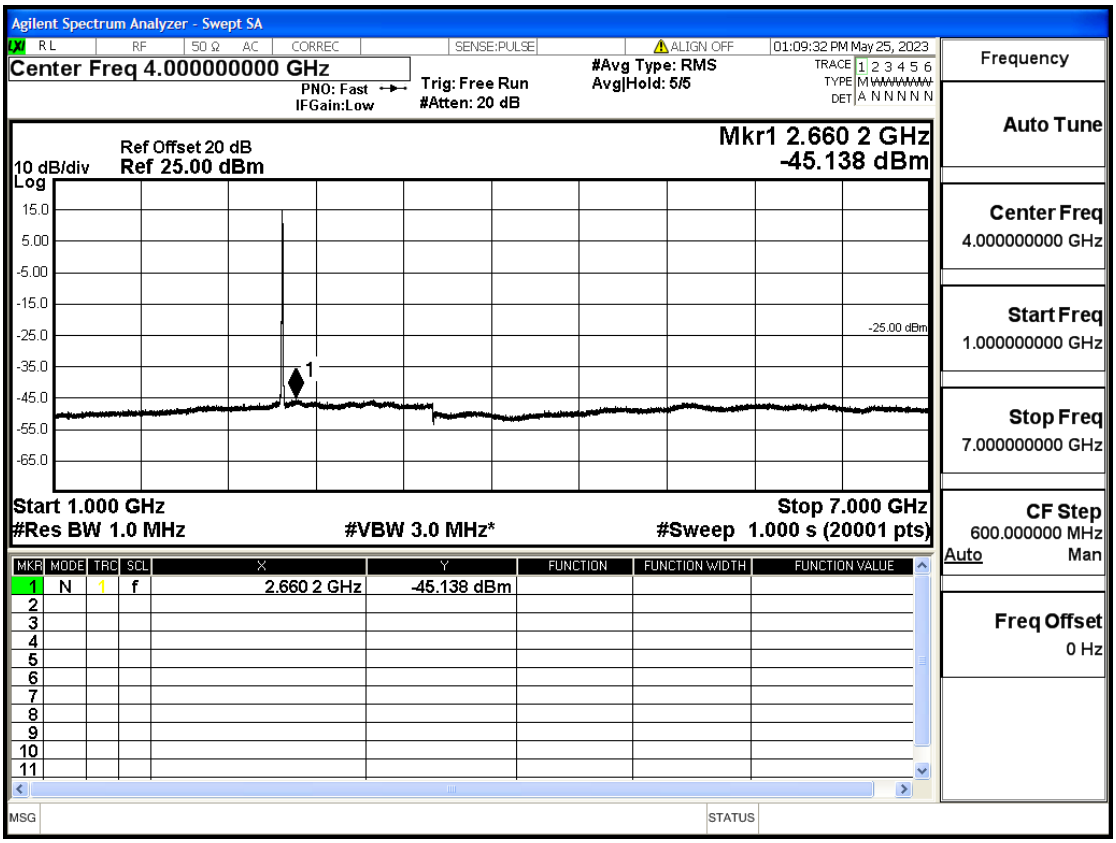
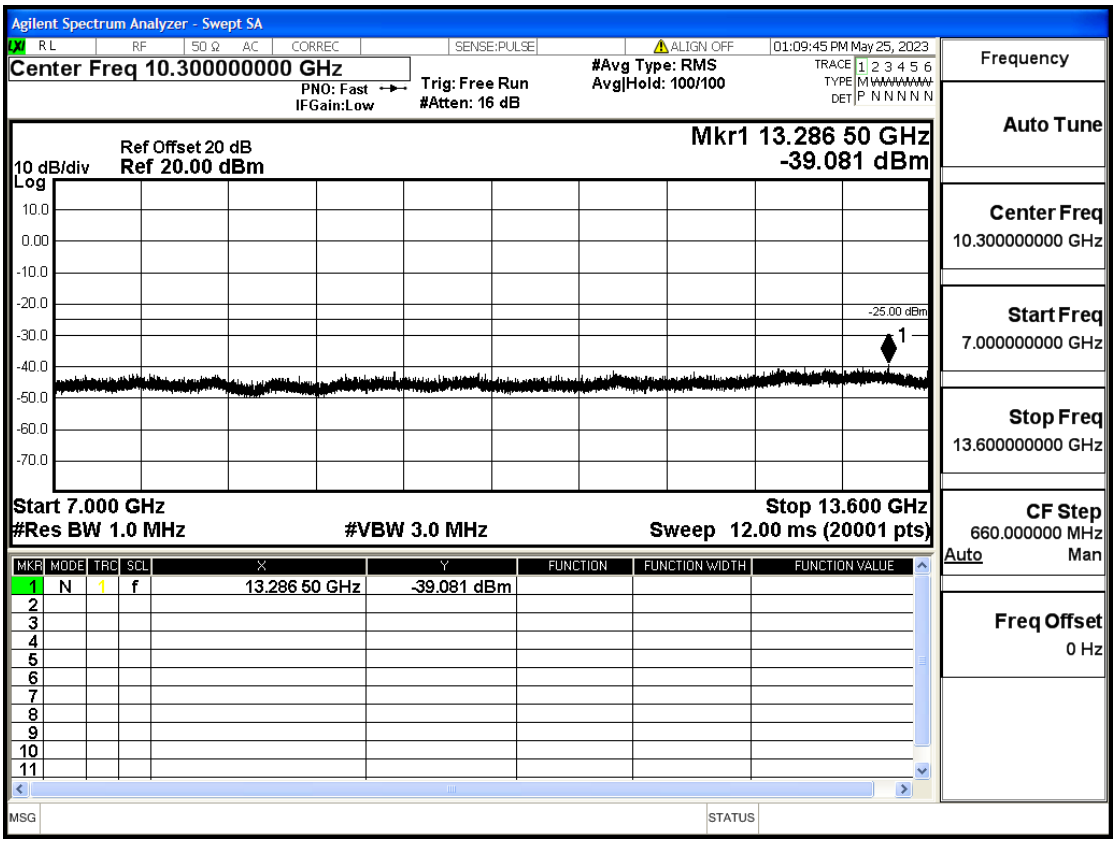
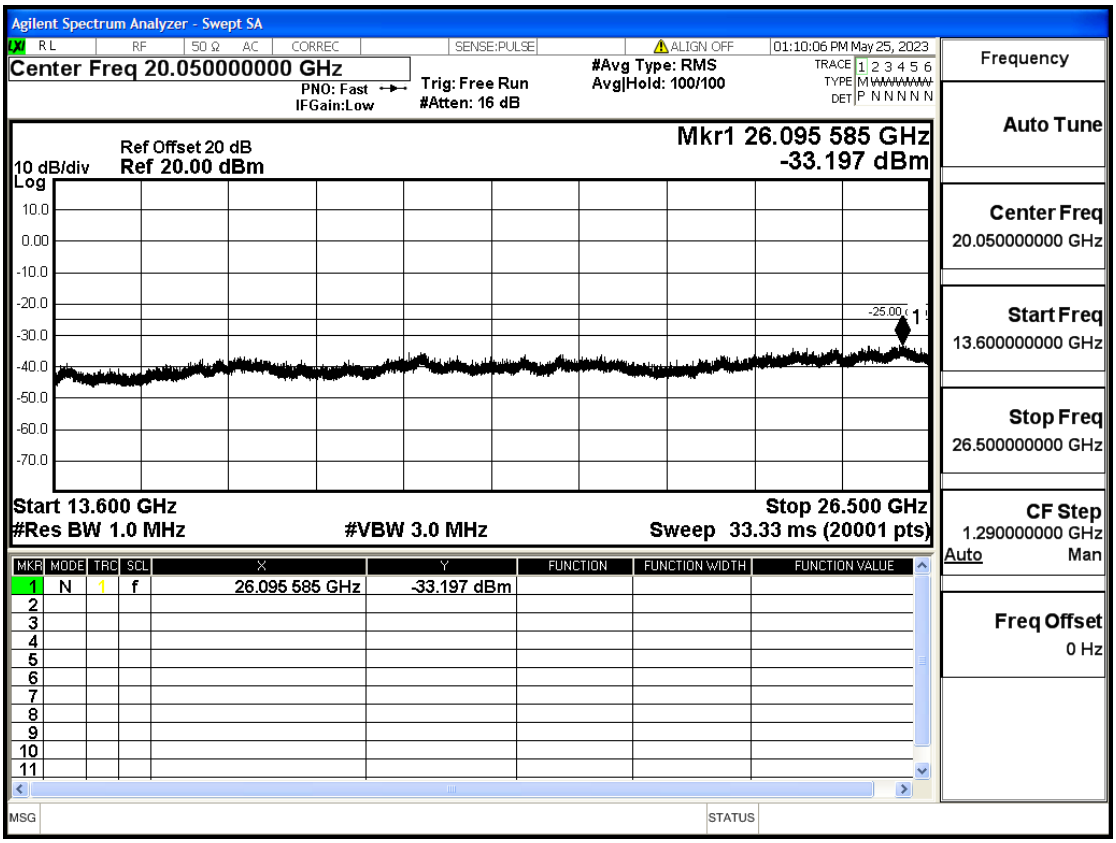


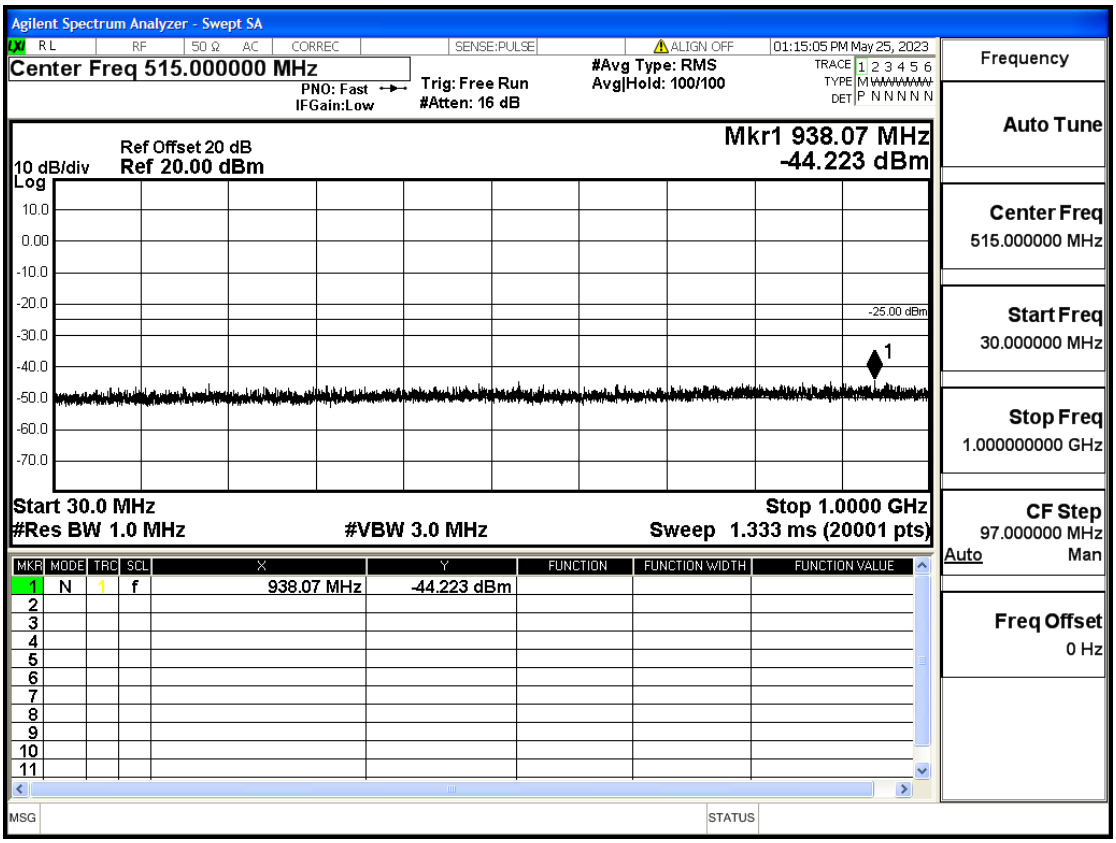
OB7-5-2567.5-QPSK-25#LOW@7GHz-13.6GHz@Pass



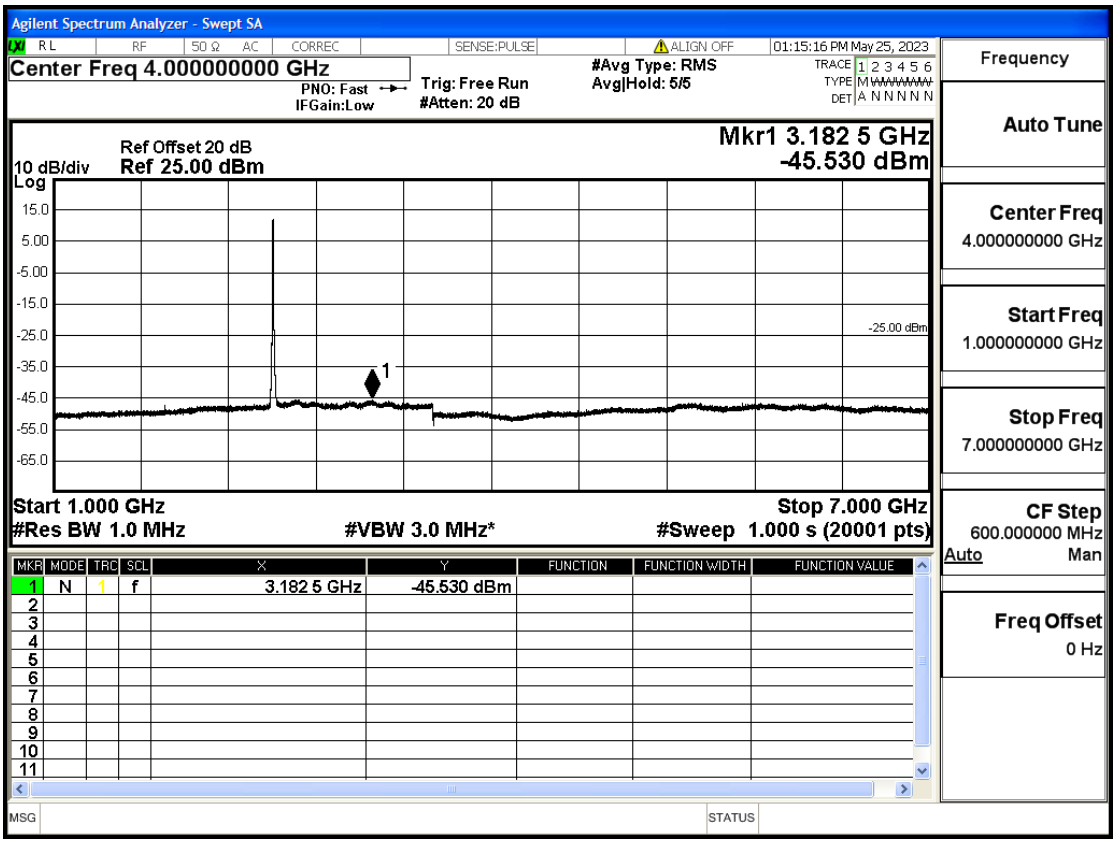
OB7-5-2567.5-QPSK-25#LOW@13.6GHz-26.5GHz@Pass



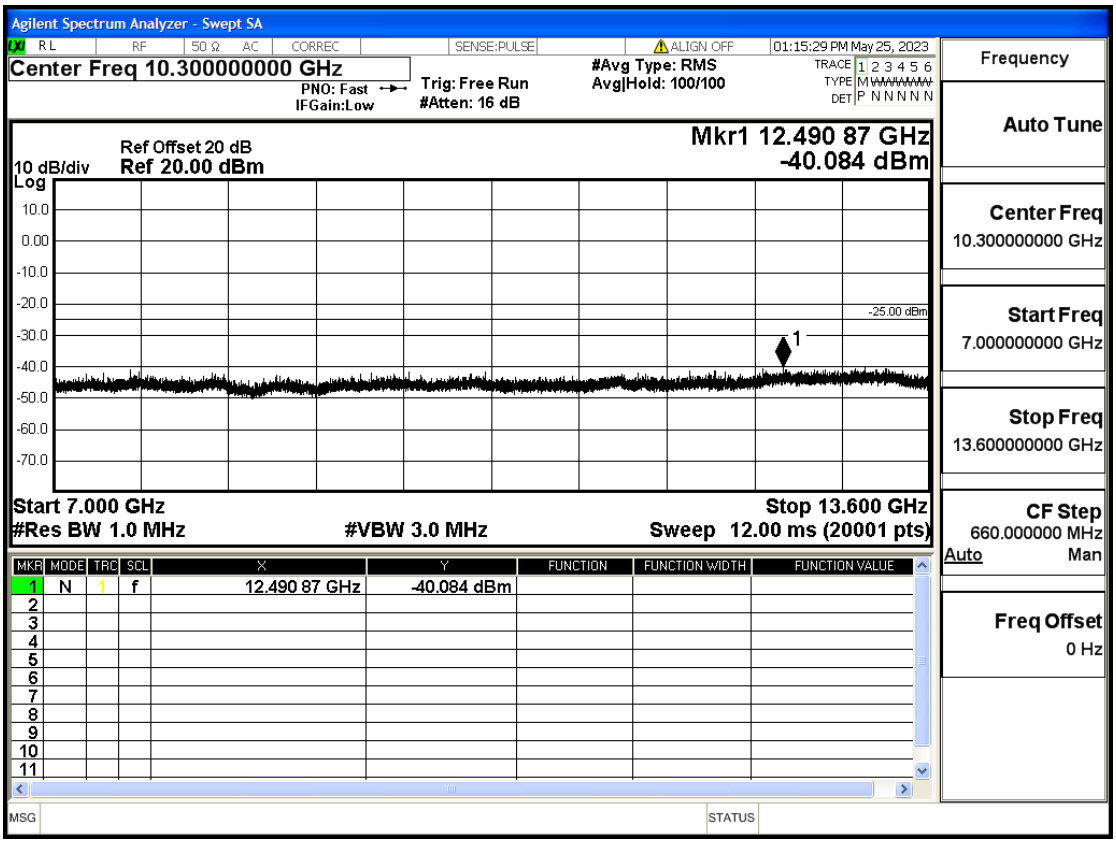
OB7-10-2505-QPSK-50#LOW@30mHz-1GHz@Pass



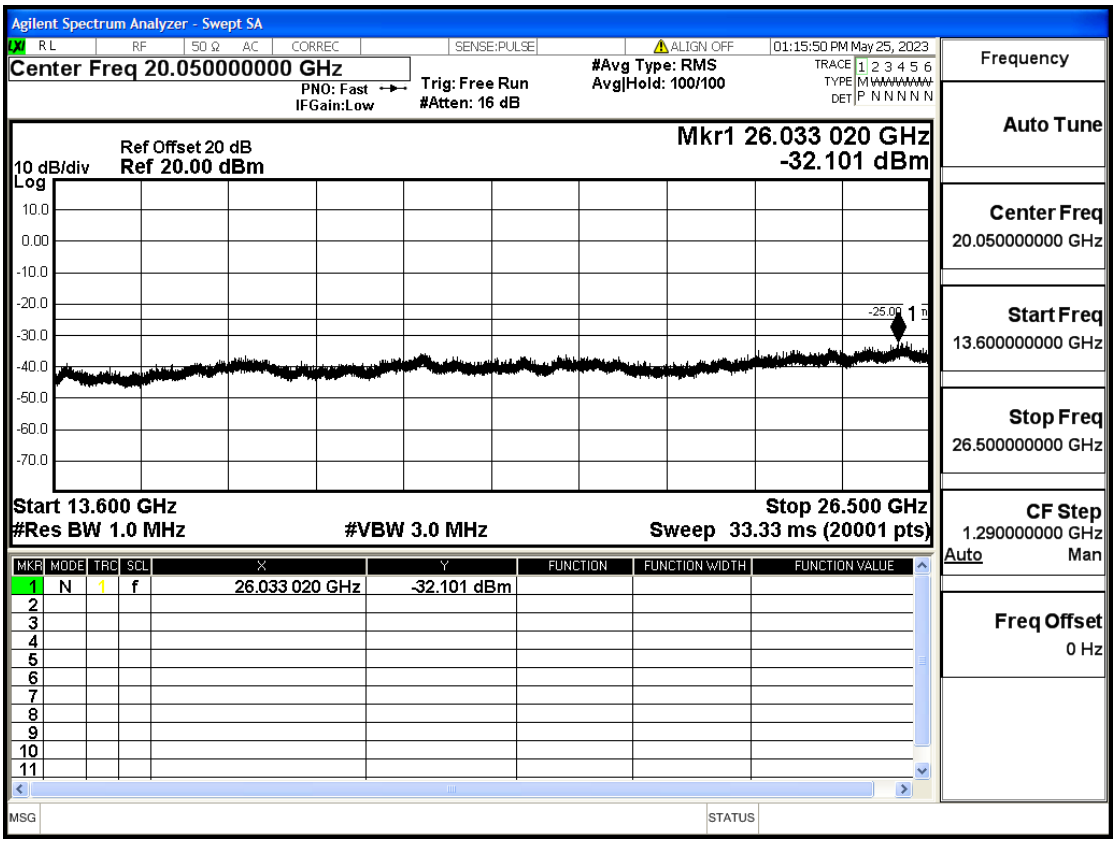
OB7-10-2505-QPSK-50#LOW@1GHz-7GHz@Pass



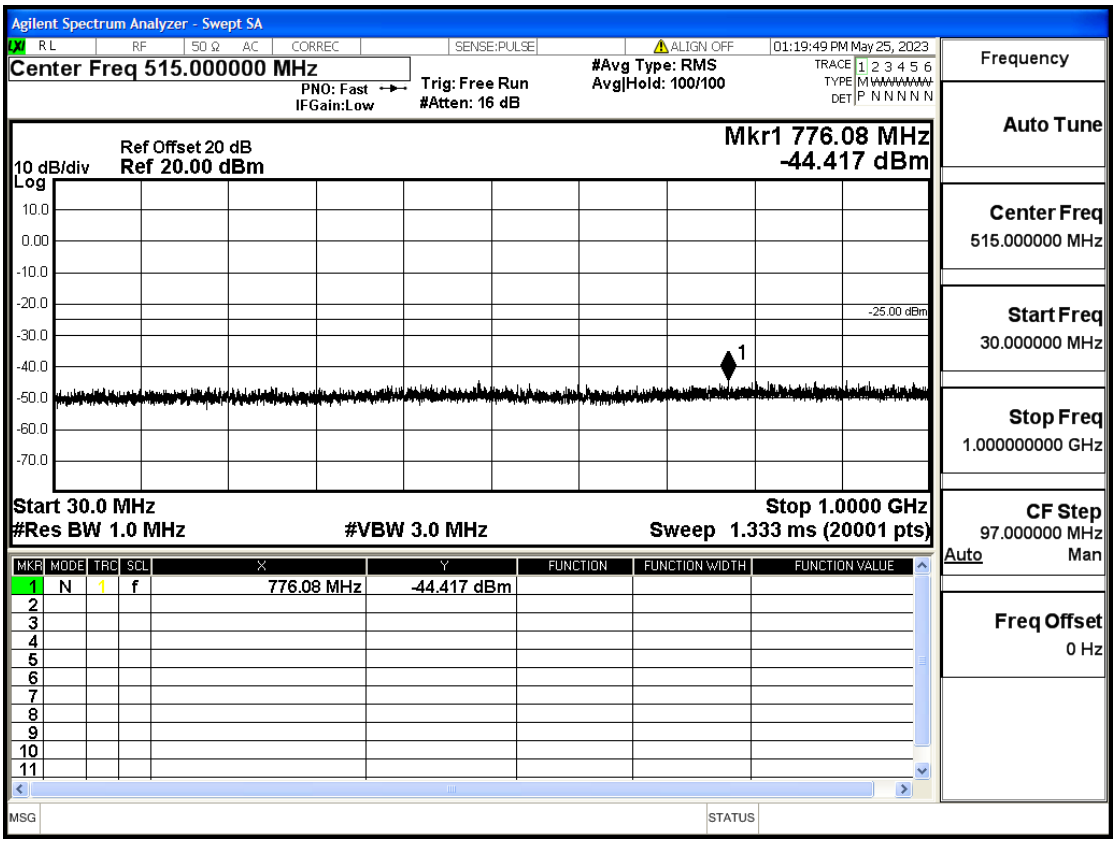
OB7-10-2505-QPSK-50#LOW@7GHz-13.6GHz@Pass



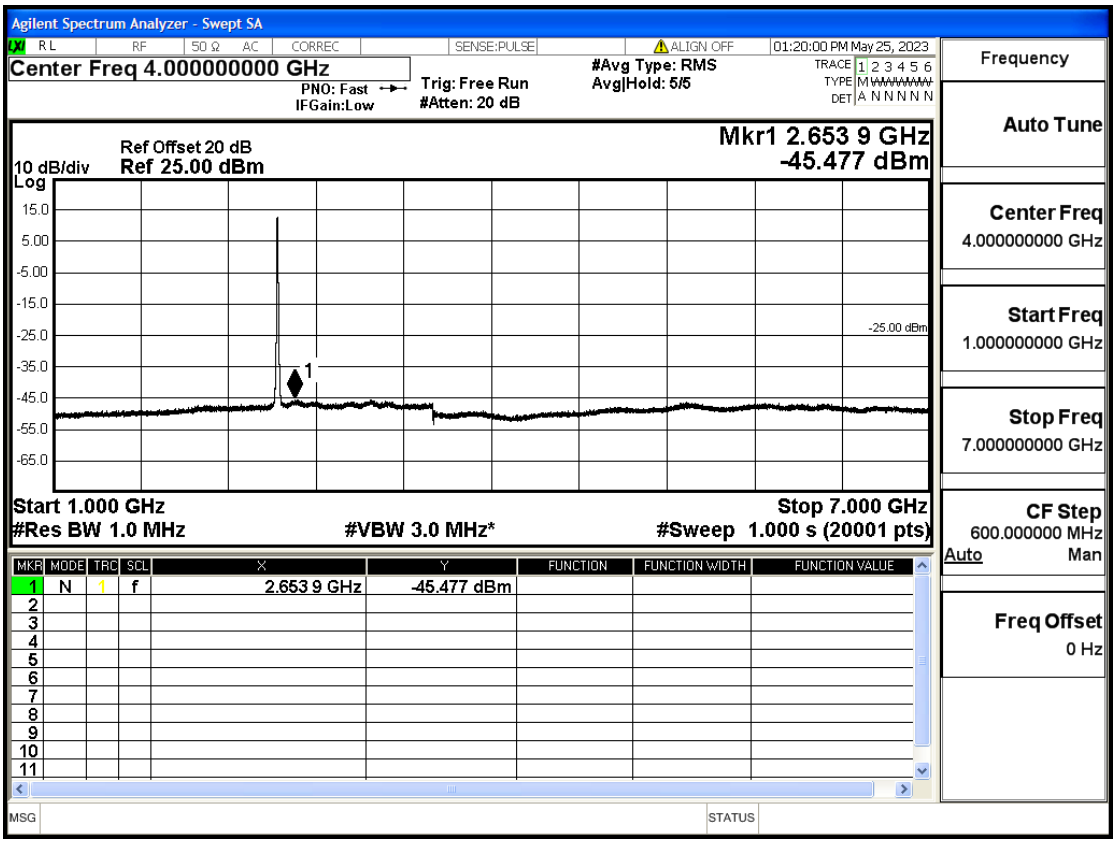
OB7-10-2505-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



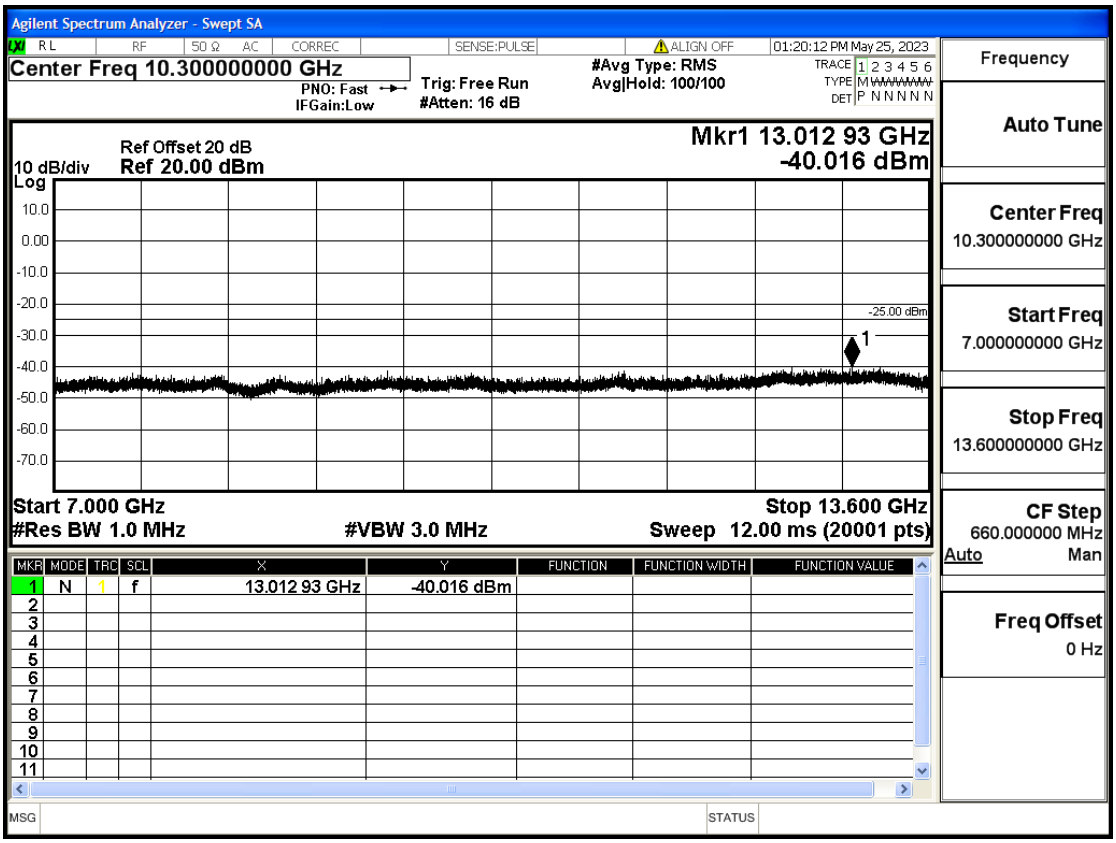
OB7-10-2535-QPSK-50#LOW@30mHz-1GHz@Pass



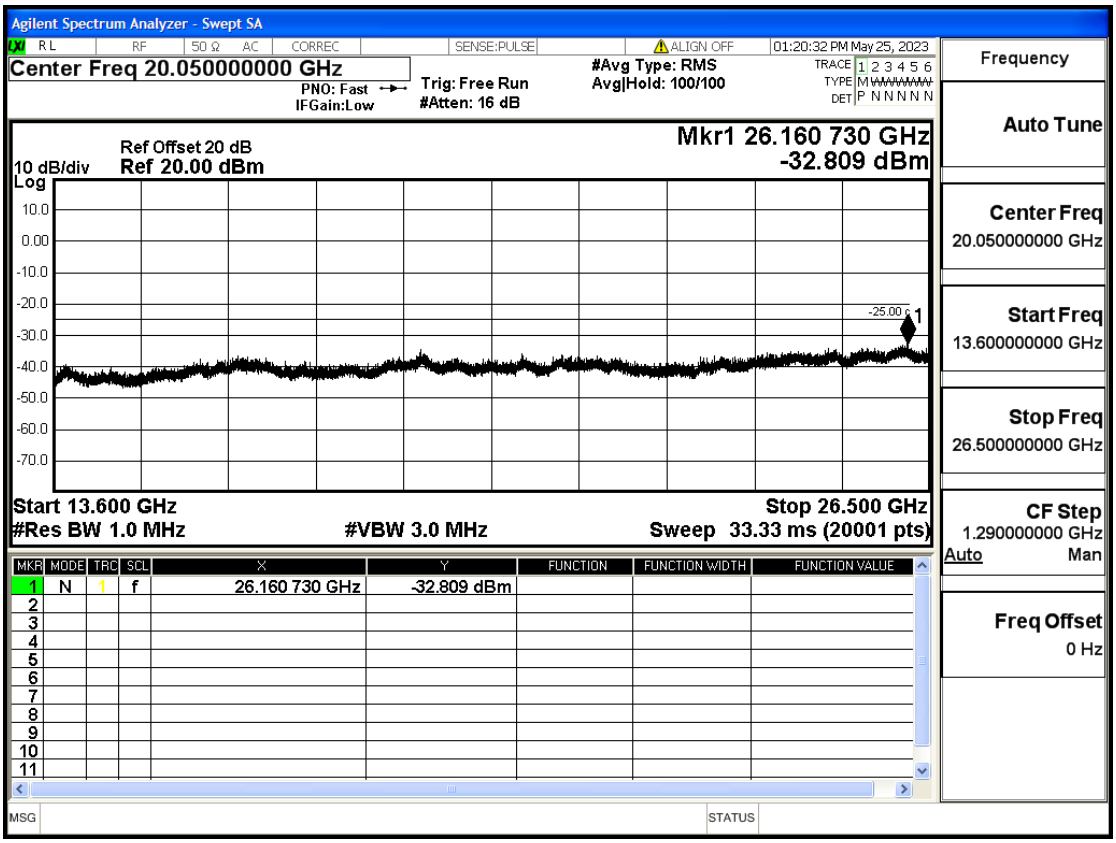
OB7-10-2535-QPSK-50#LOW@1GHz-7GHz@Pass



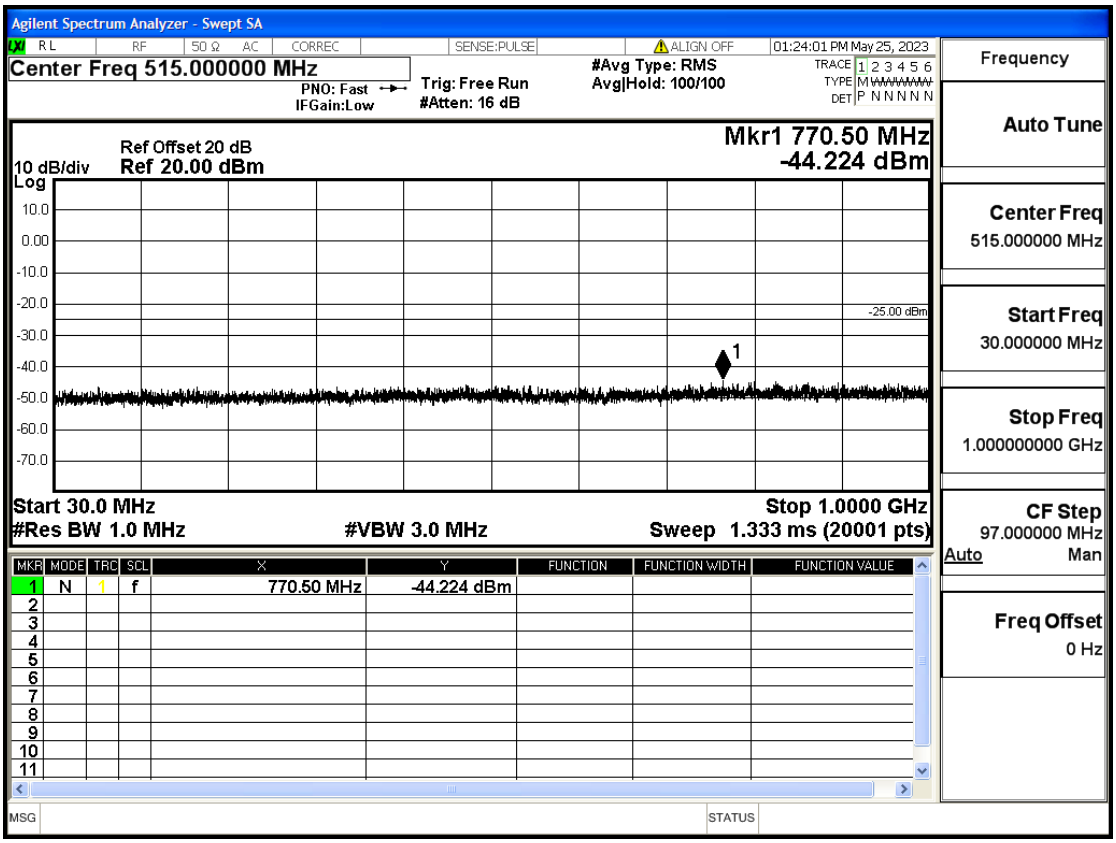
OB7-10-2535-QPSK-50#LOW@7GHz-13.6GHz@Pass



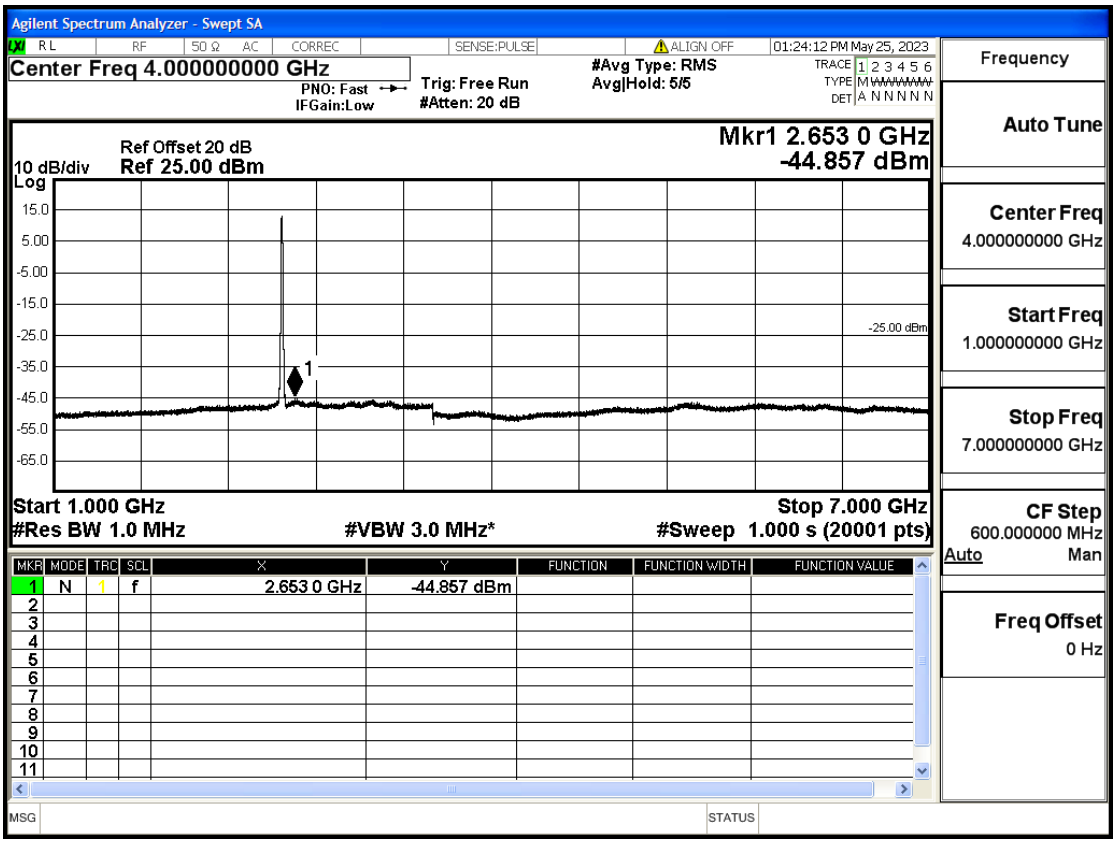
OB7-10-2535-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



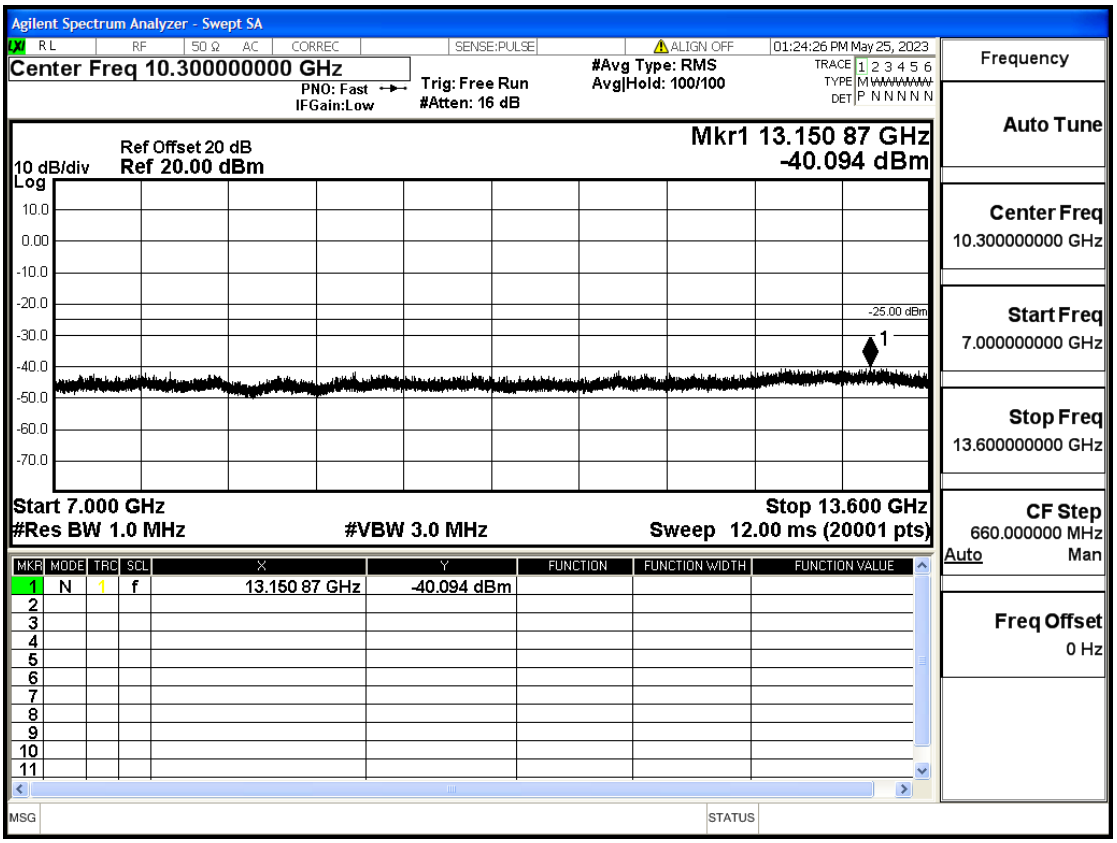
OB7-10-2565-QPSK-50#LOW@30mHz-1GHz@Pass



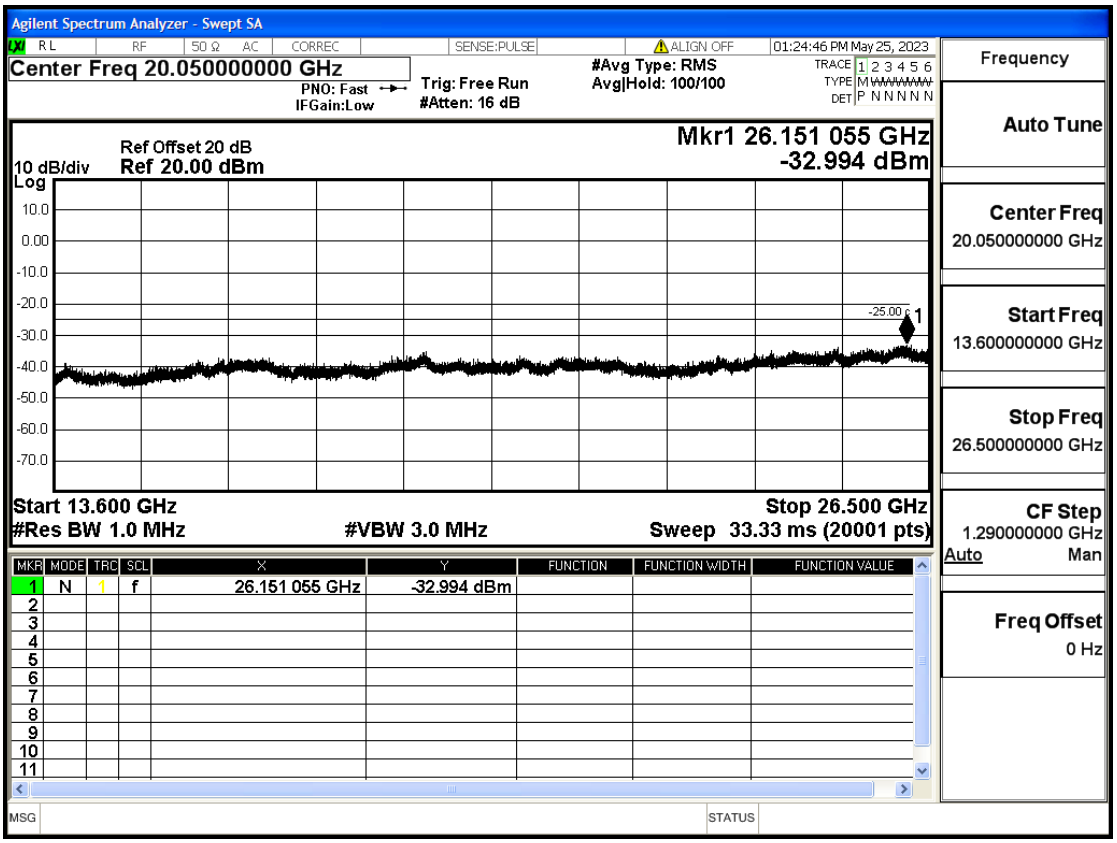
OB7-10-2565-QPSK-50#LOW@1GHz-7GHz@Pass



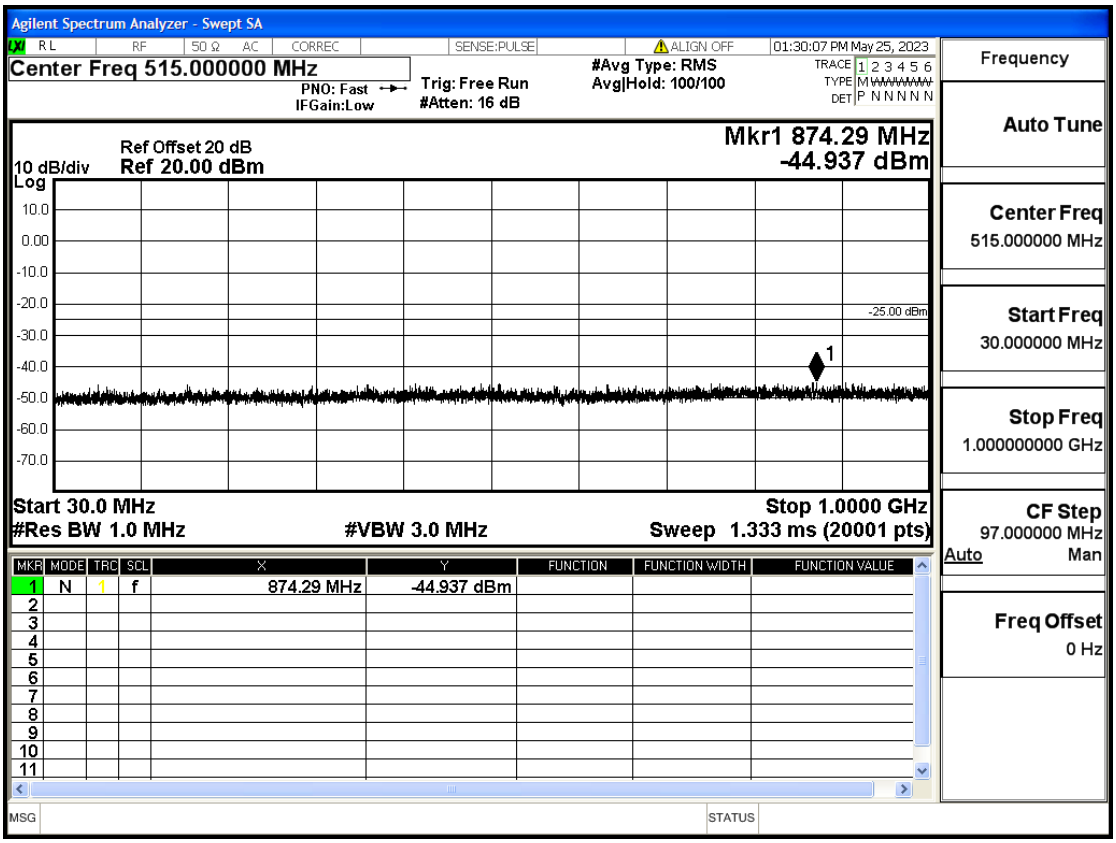
OB7-10-2565-QPSK-50#LOW@7GHz-13.6GHz@Pass



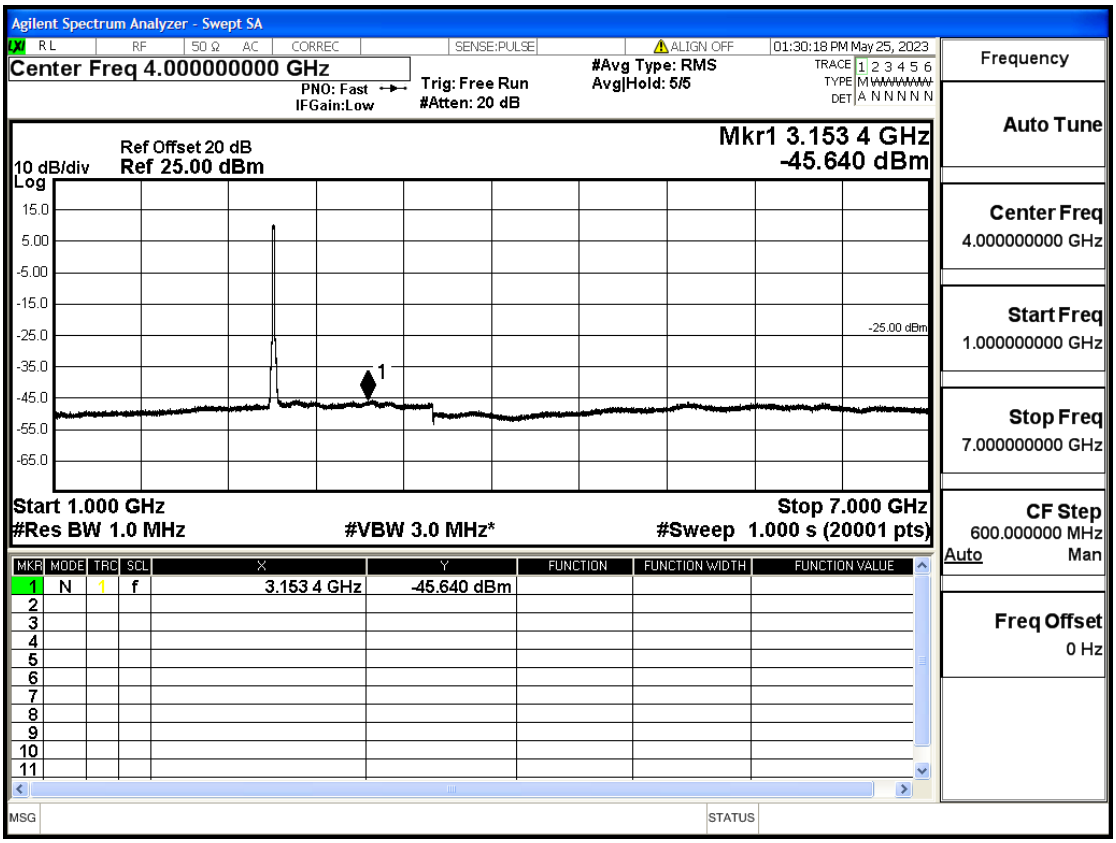
OB7-10-2565-QPSK-50#LOW@13.6GHz-26.5GHz@Pass



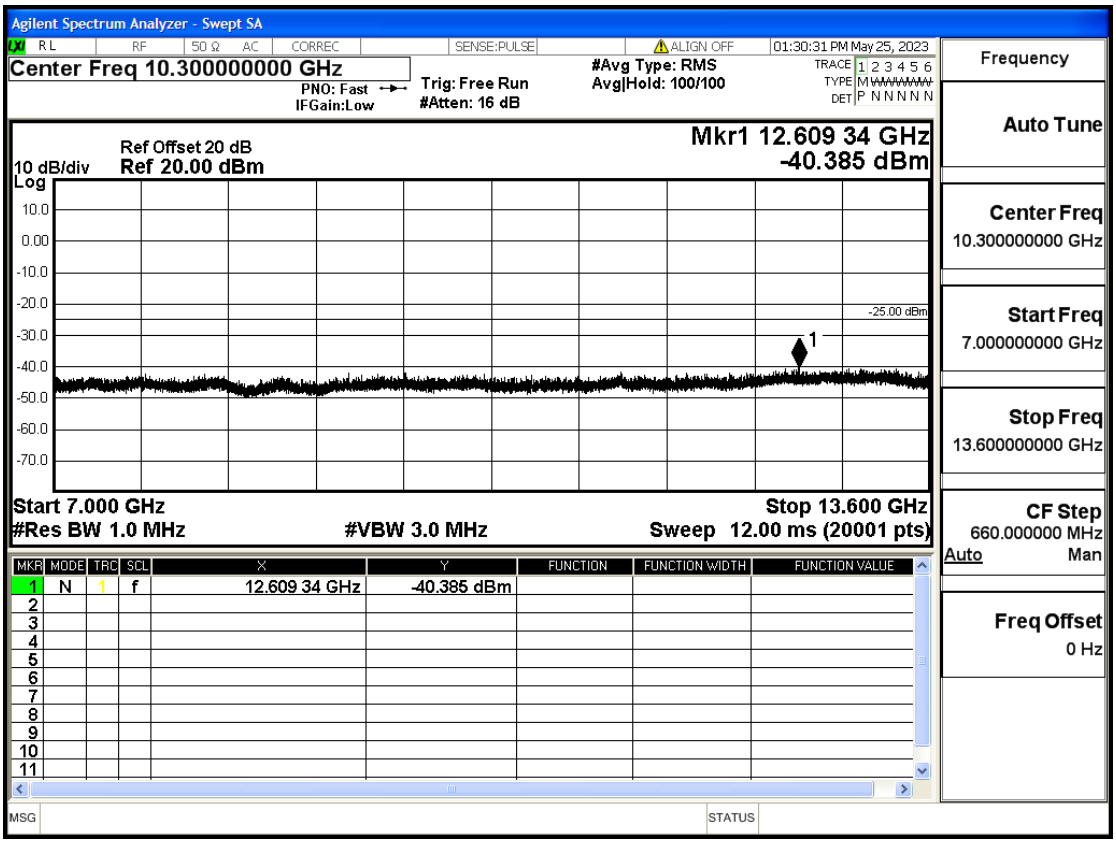
OB7-15-2507.5-QPSK-75#LOW@30mHz-1GHz@Pass



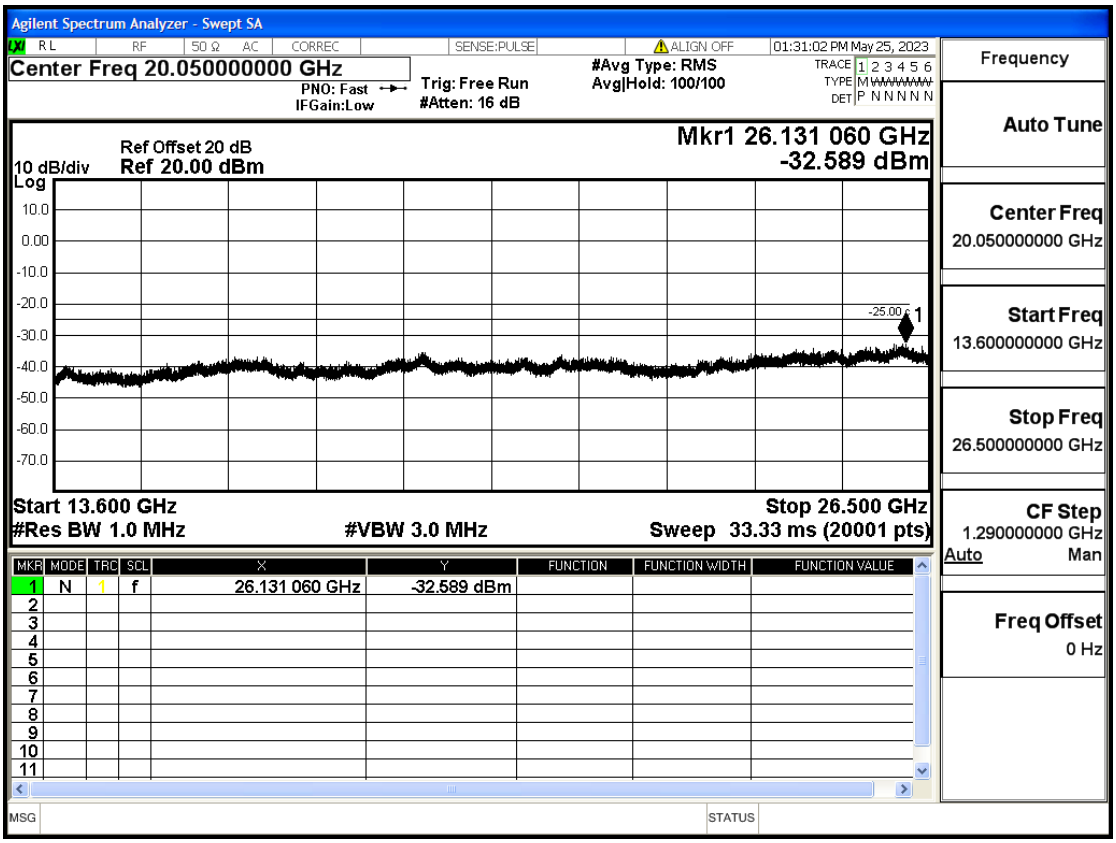
OB7-15-2507.5-QPSK-75#LOW@1GHz-7GHz@Pass



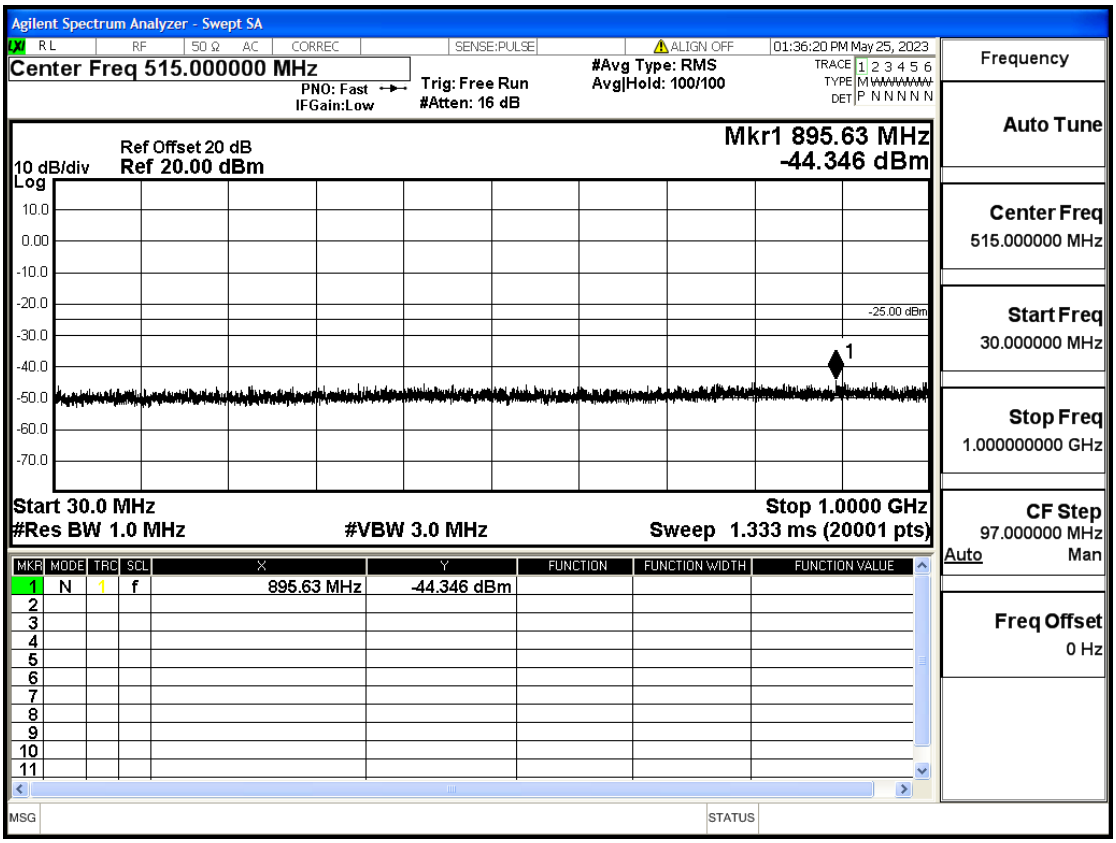
OB7-15-2507.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



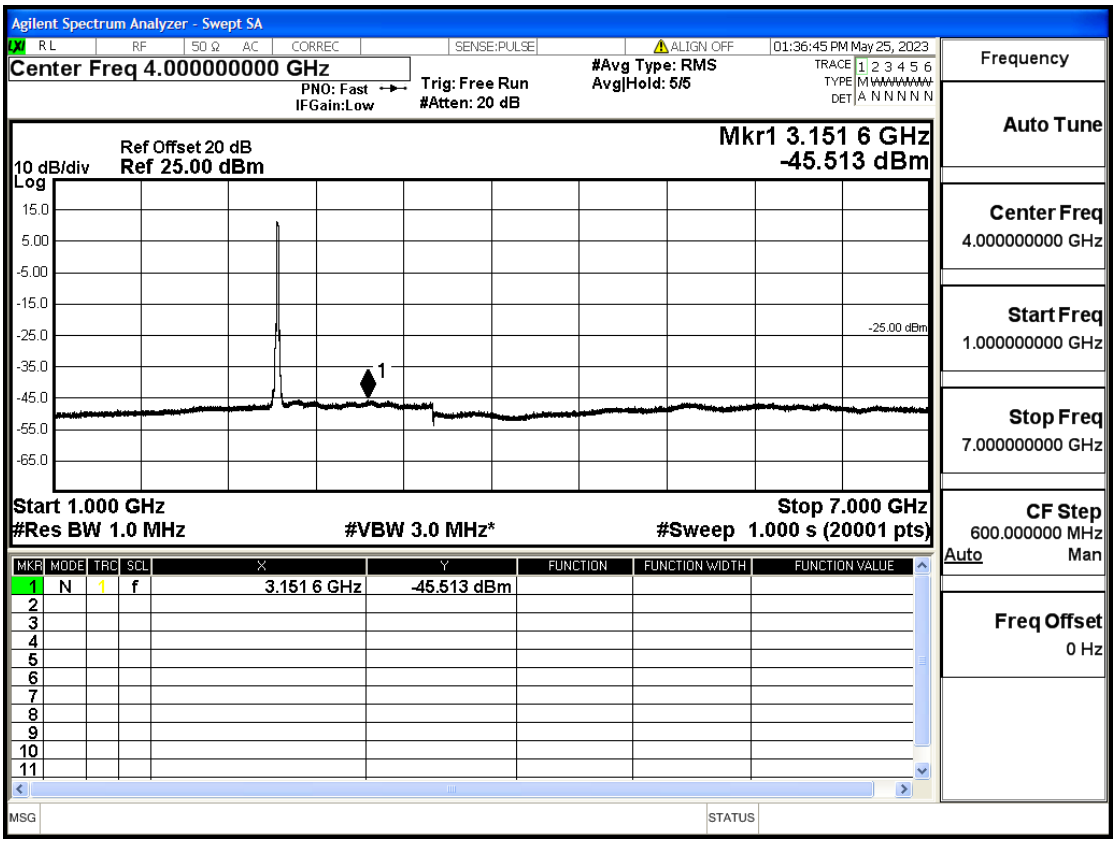
OB7-15-2507.5-QPSK-75#LOW@13.6GHz-26.5GHz@Pass



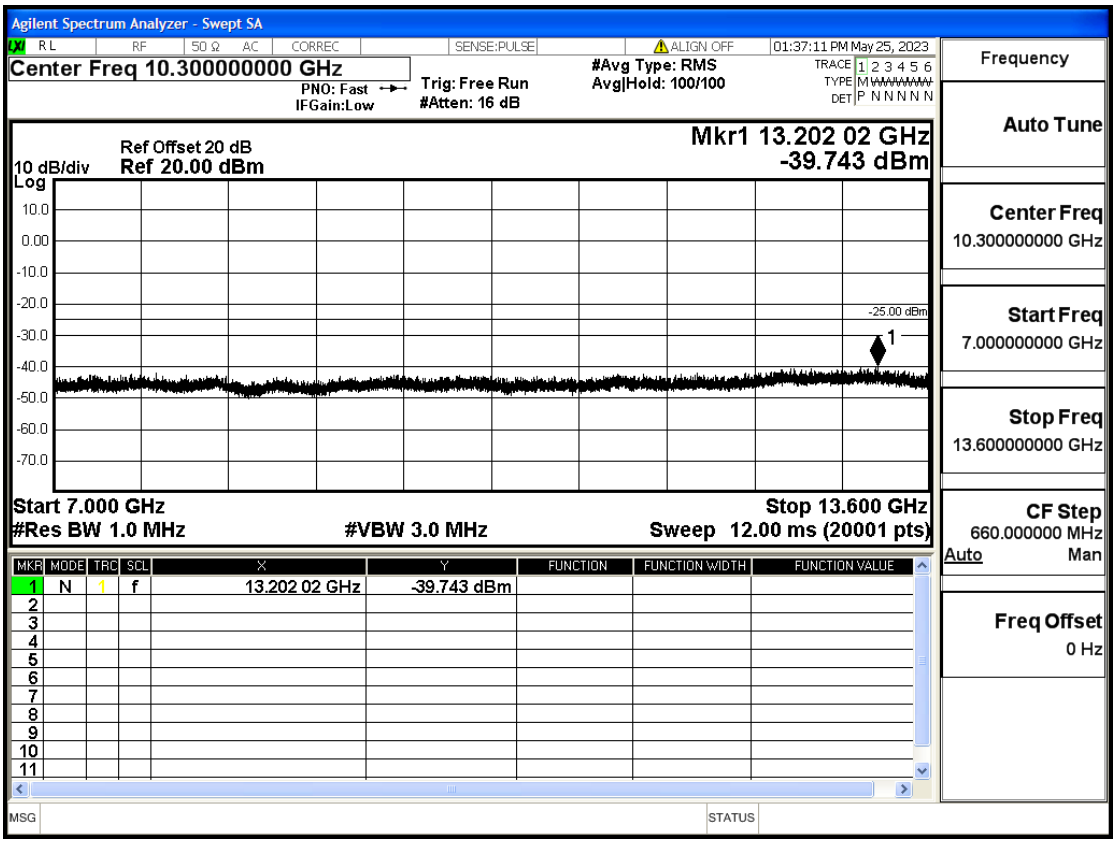
OB7-15-2535-QPSK-75#LOW@30mHz-1GHz@Pass



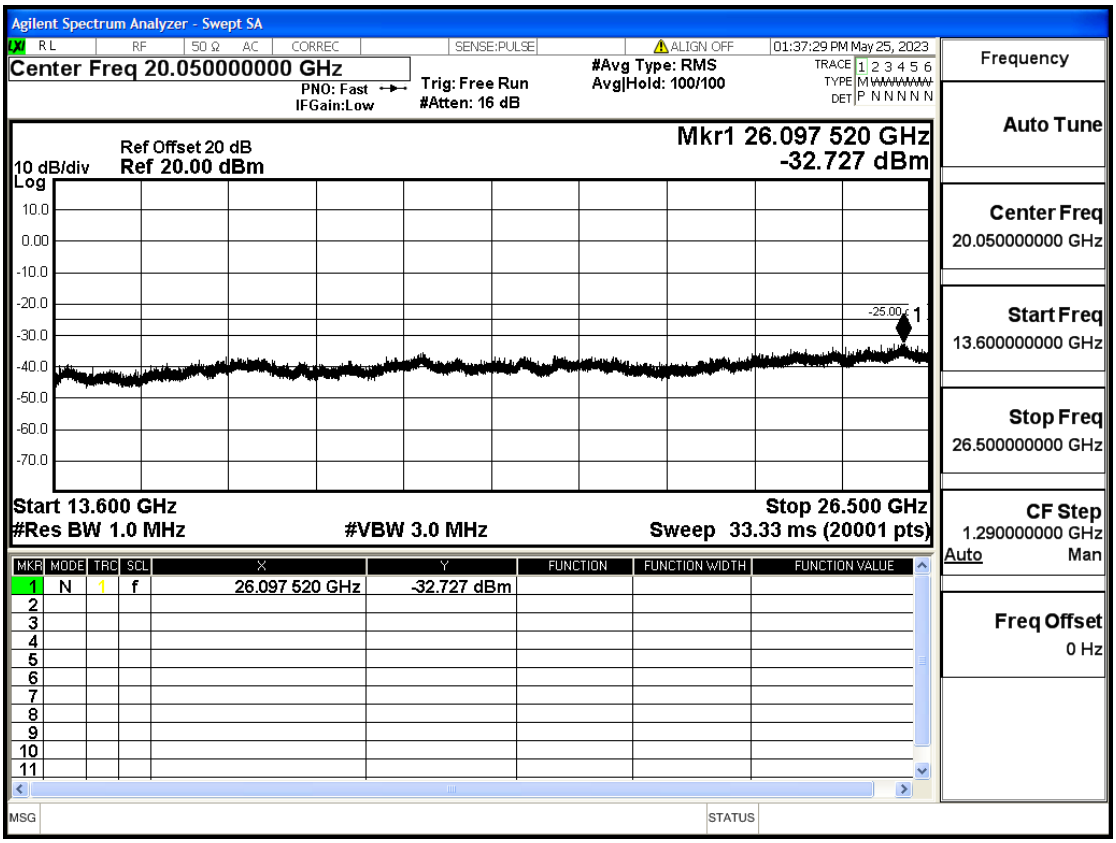
OB7-15-2535-QPSK-75#LOW@1GHz-7GHz@Pass



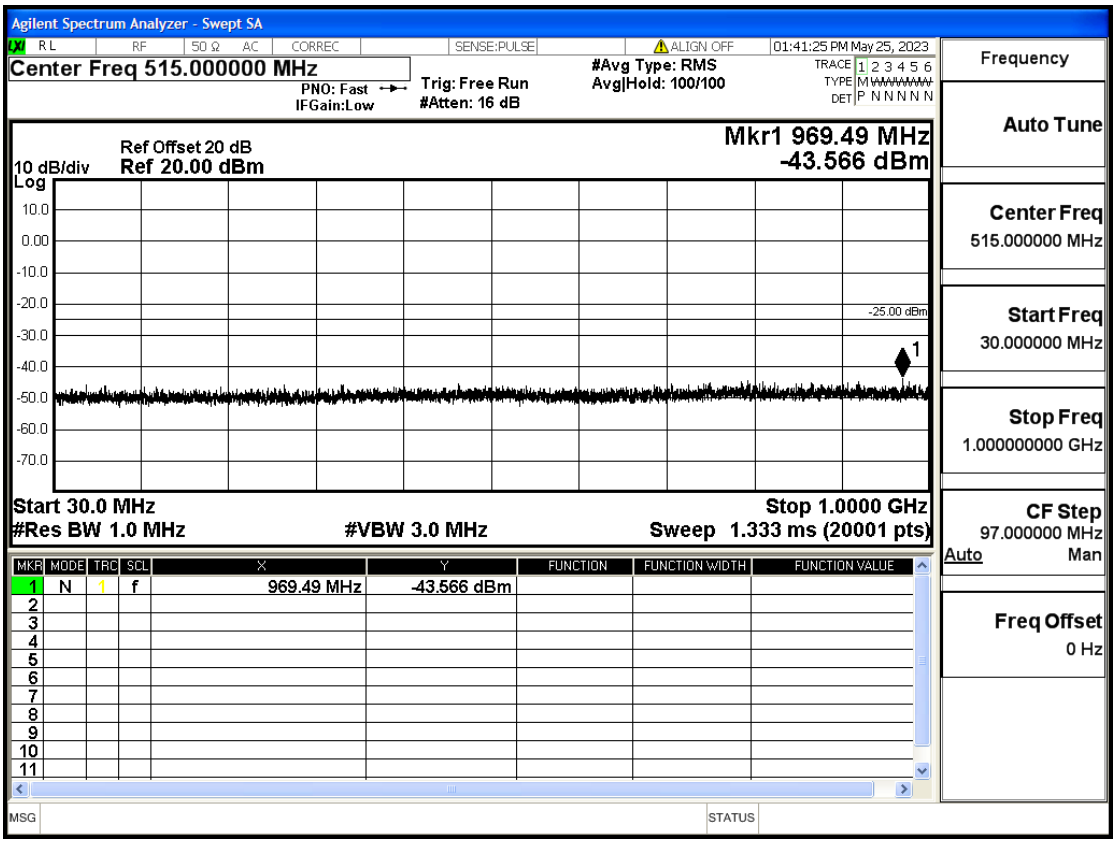
OB7-15-2535-QPSK-75#LOW@7GHz-13.6GHz@Pass



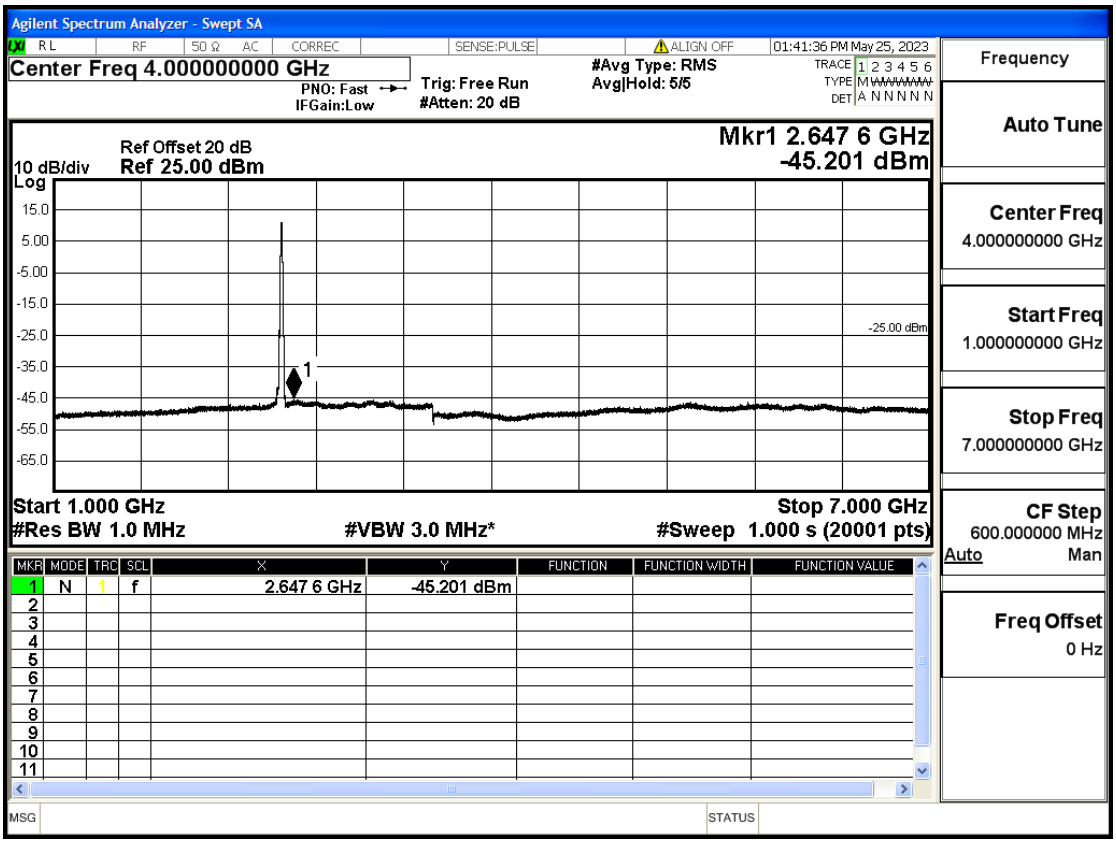
OB7-15-2535-QPSK-75#LOW@13.6GHz-26.5GHz@Pass



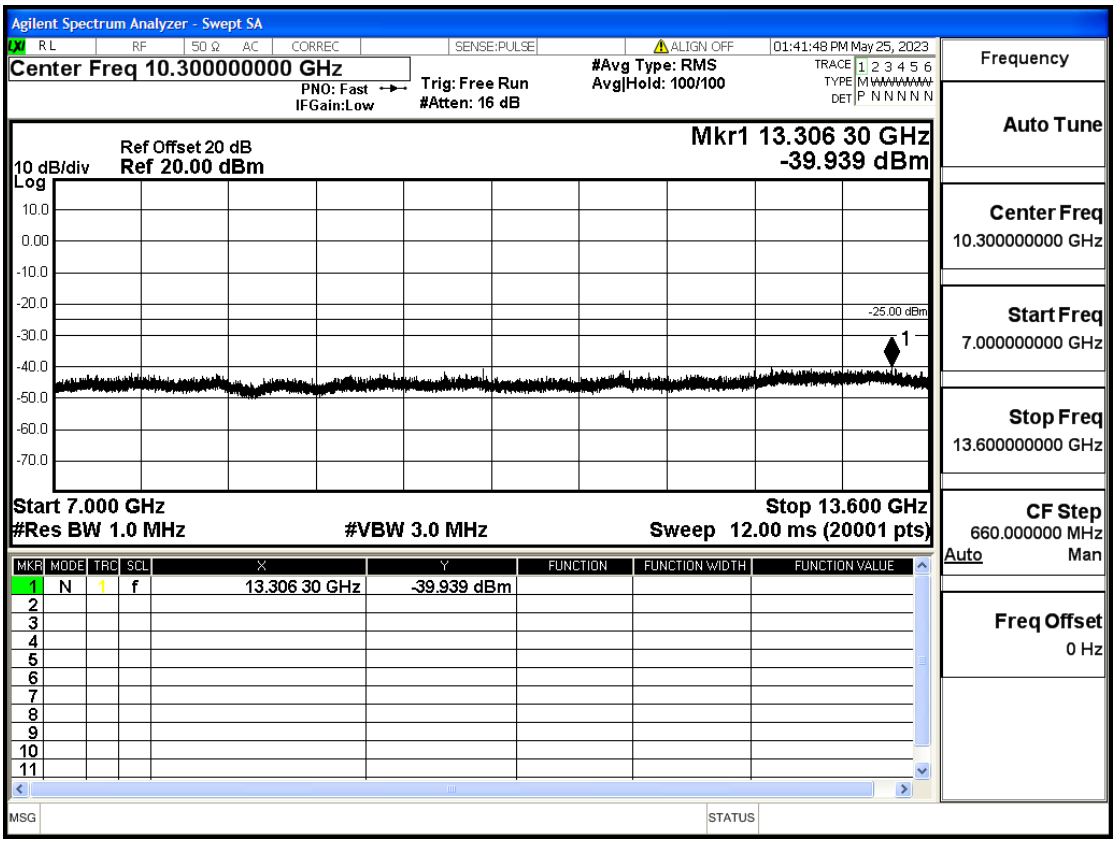
OB7-15-2562.5-QPSK-75#LOW@30mHz-1GHz@Pass



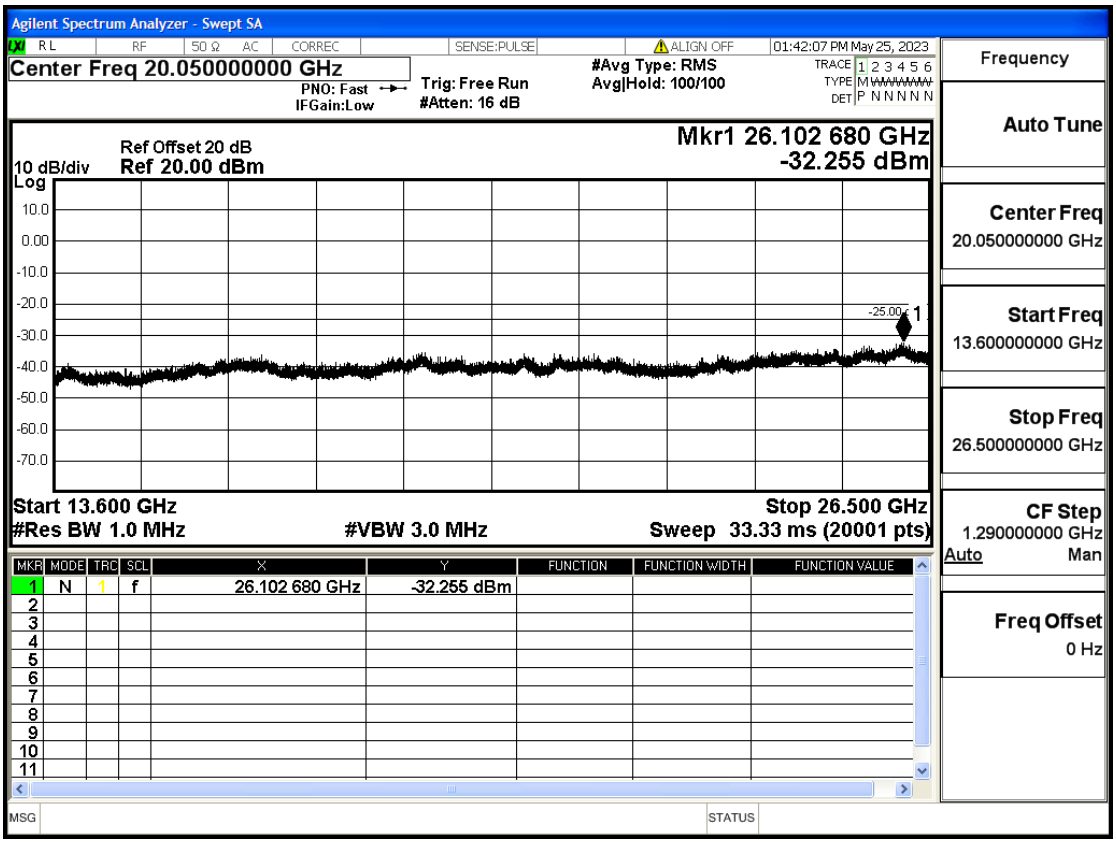
OB7-15-2562.5-QPSK-75#LOW@1GHz-7GHz@Pass



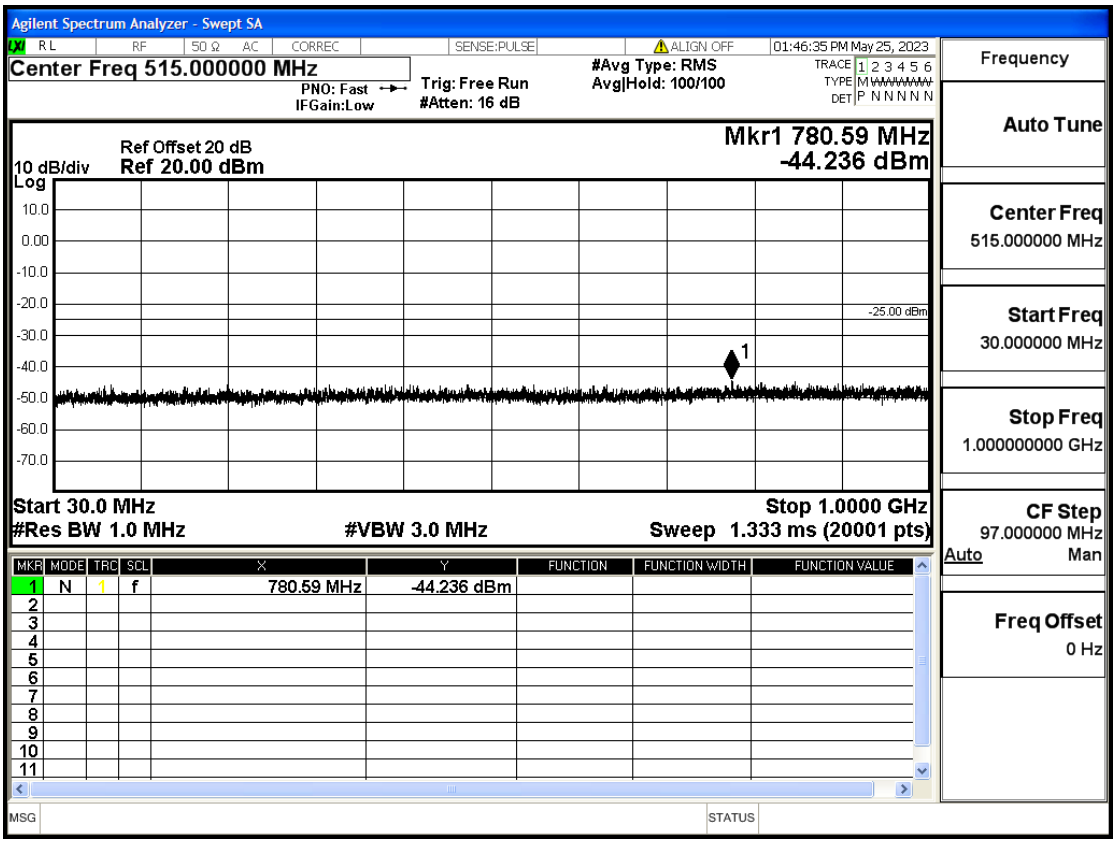
OB7-15-2562.5-QPSK-75#LOW@7GHz-13.6GHz@Pass



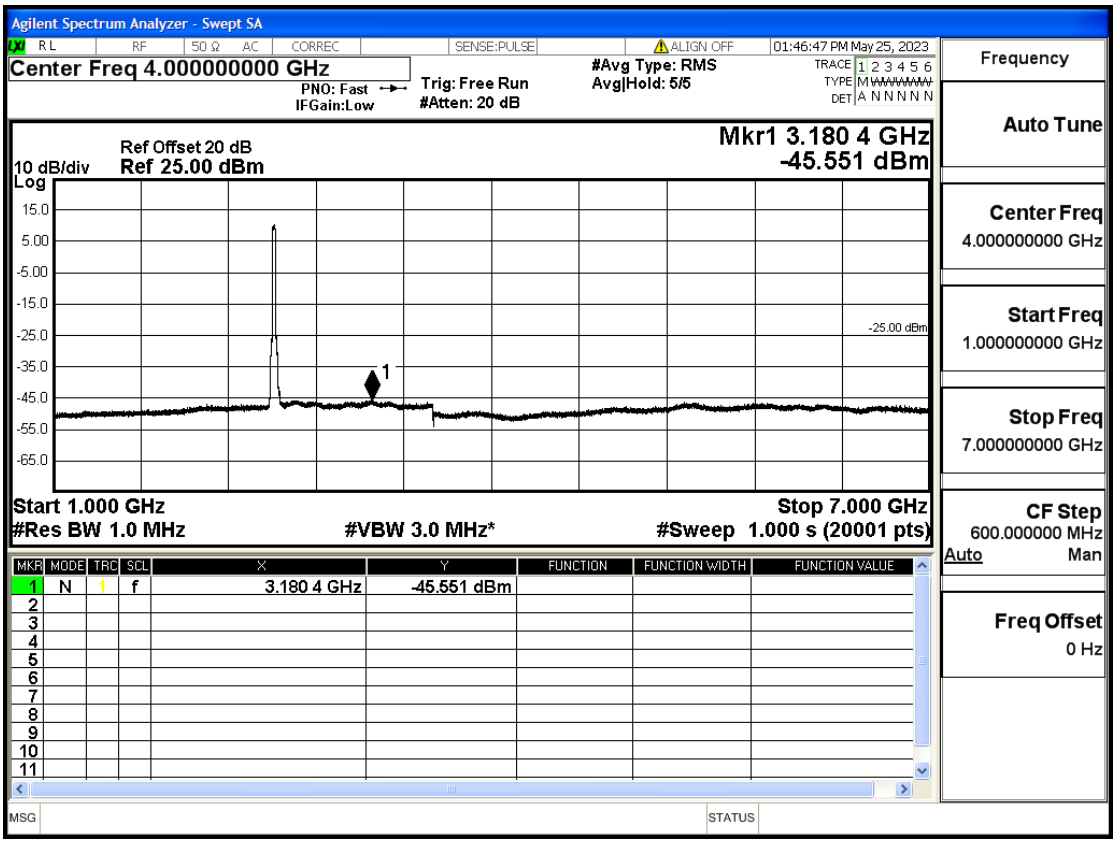
OB7-15-2562.5-QPSK-75#LOW@13.6GHz-26.5GHz@Pass



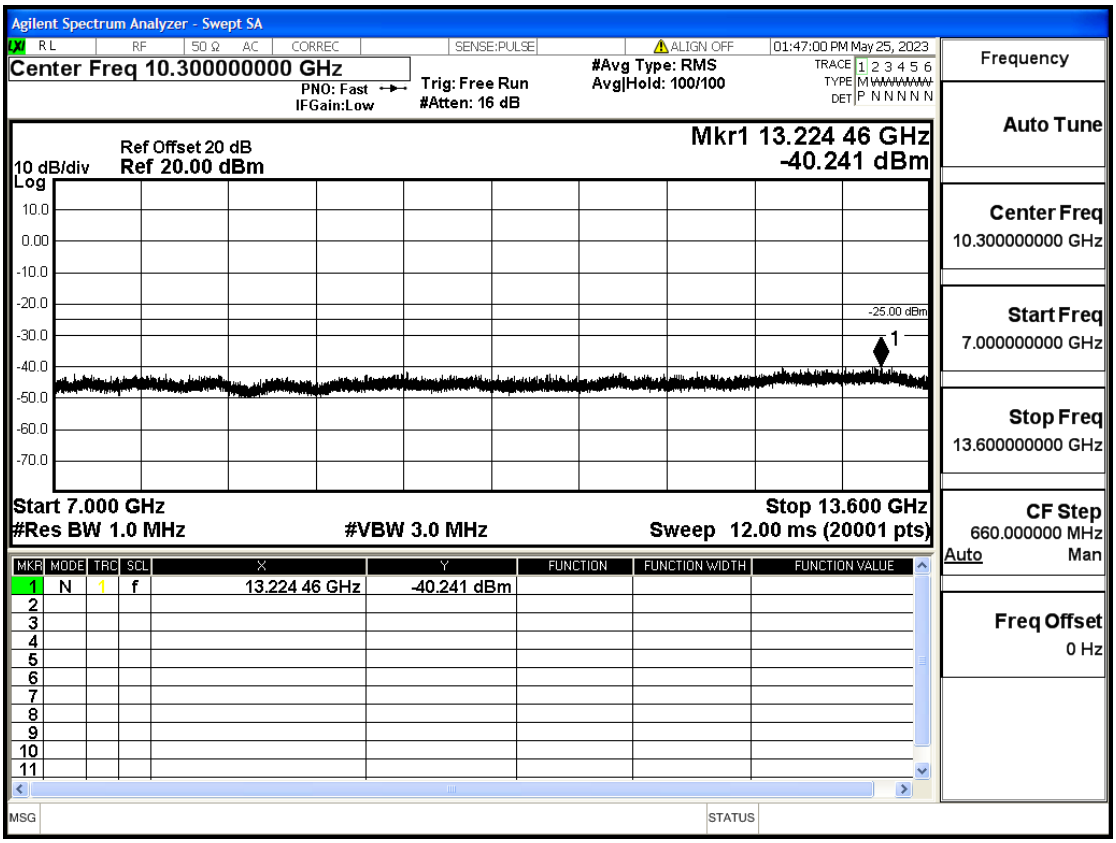
OB7-20-2510-QPSK-100#LOW@30mHz-1GHz@Pass



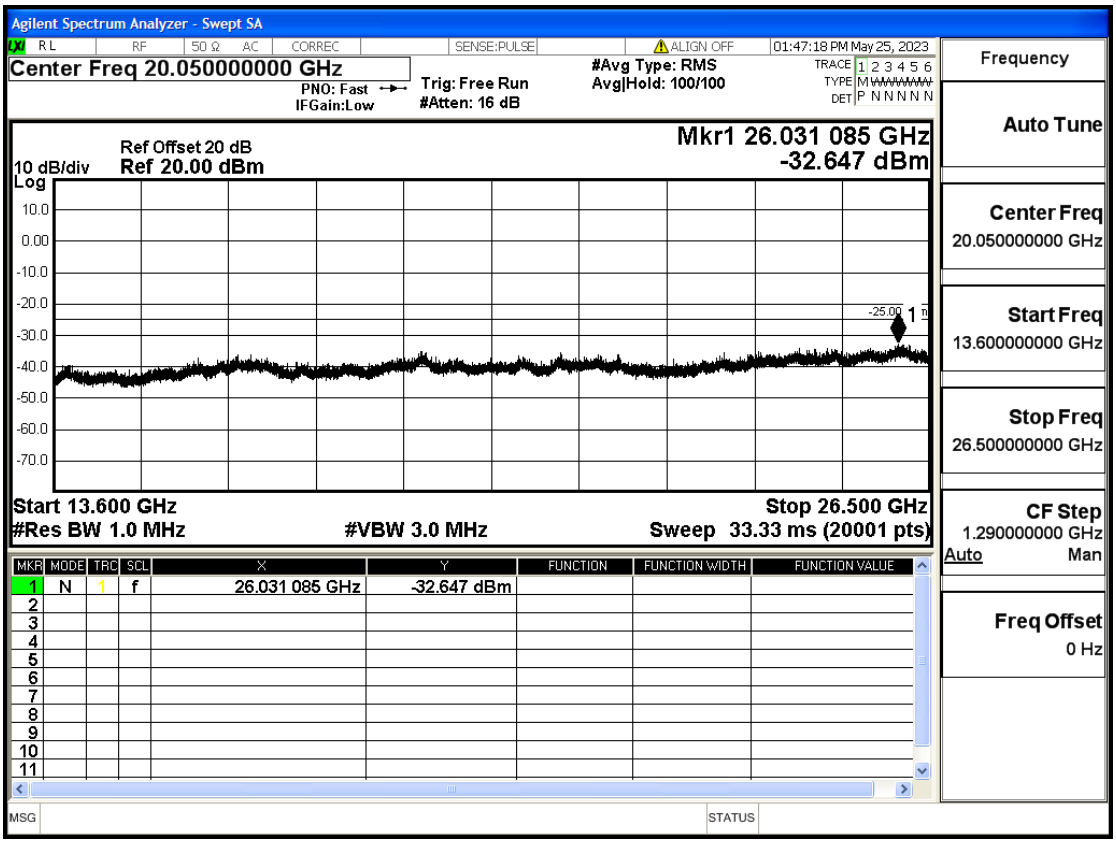
OB7-20-2510-QPSK-100#LOW@1GHz-7GHz@Pass



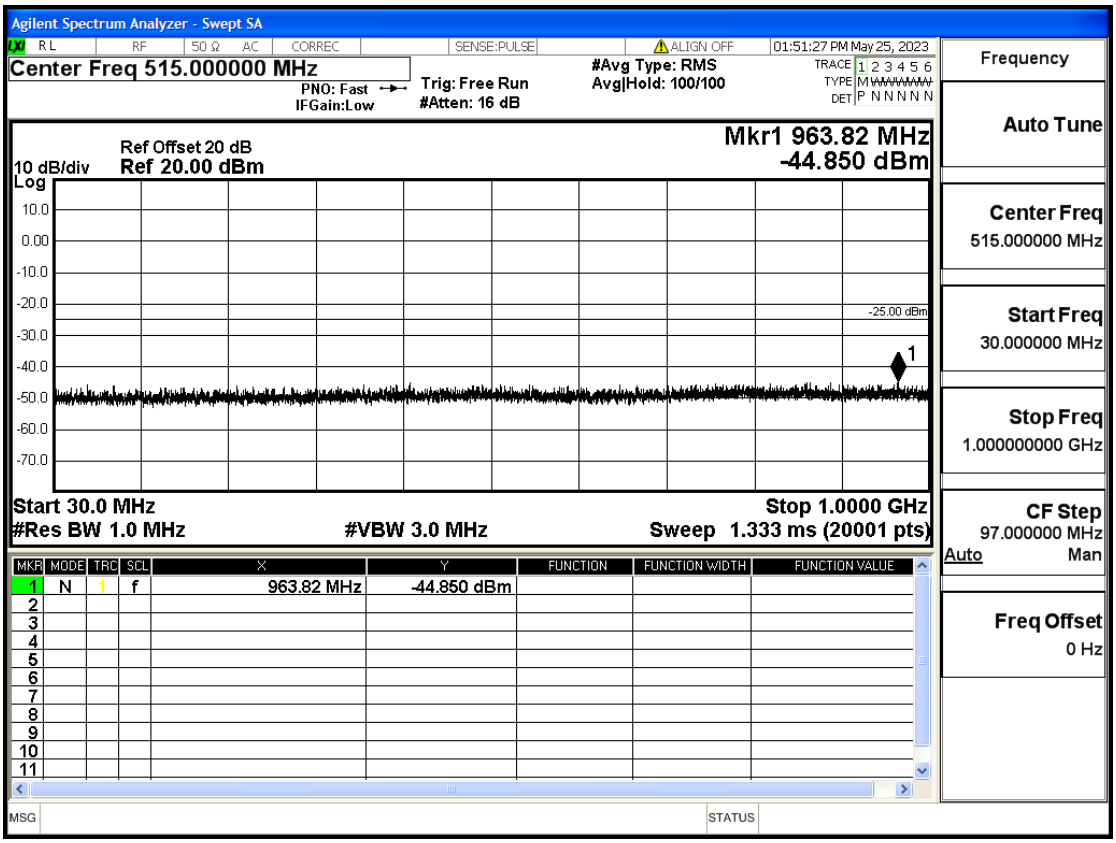
OB7-20-2510-QPSK-100#LOW@7GHz-13.6GHz@Pass



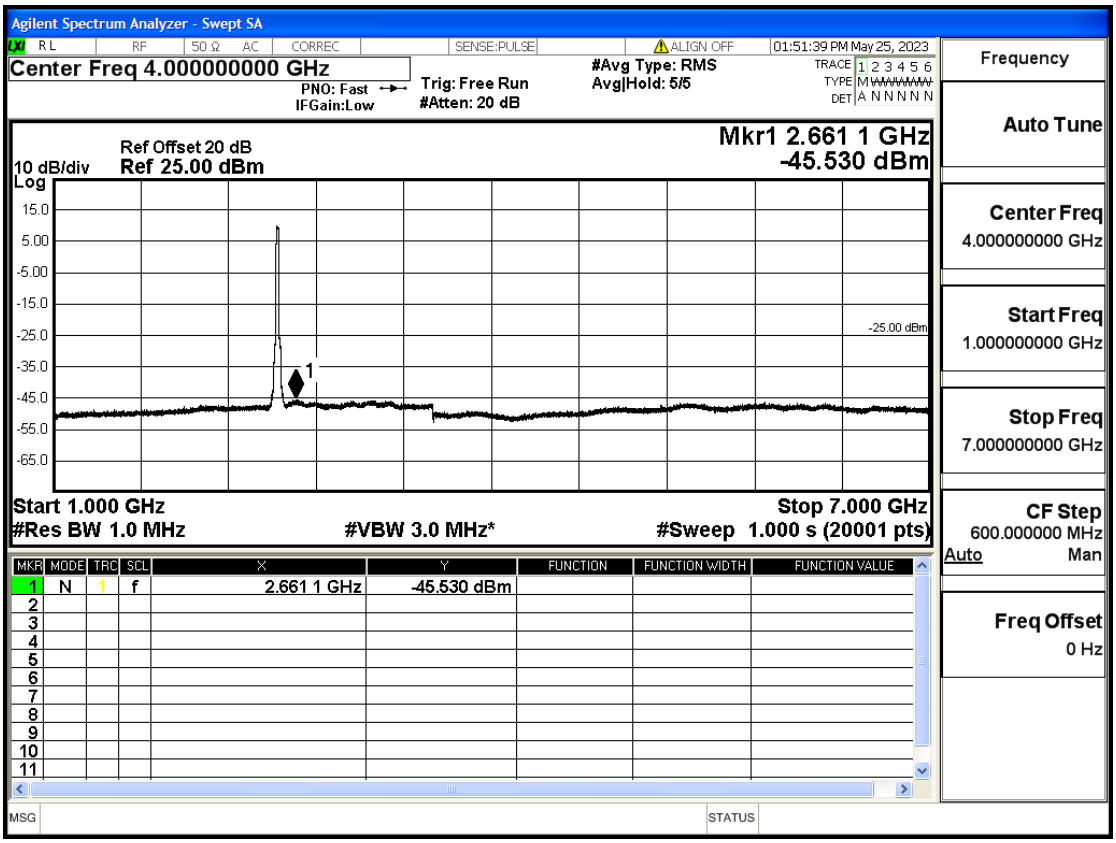
OB7-20-2510-QPSK-100#LOW@13.6GHz-26.5GHz@Pass



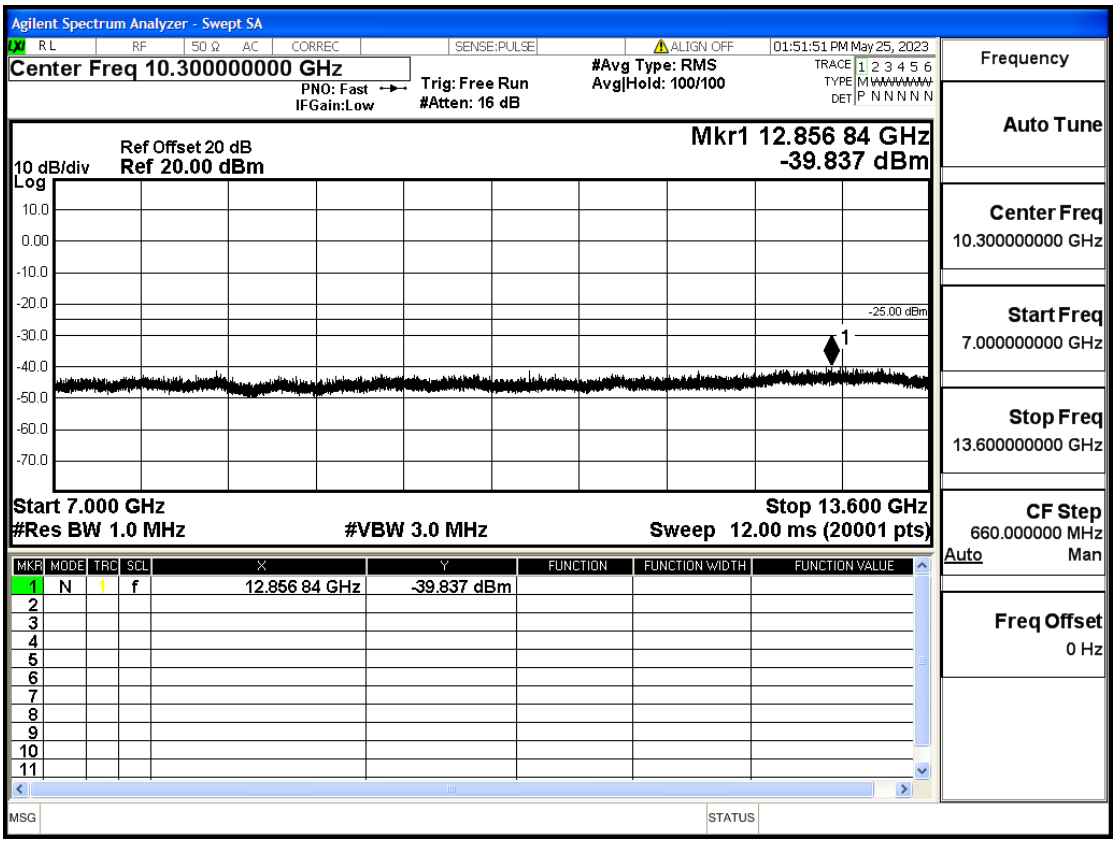
OB7-20-2535-QPSK-100#LOW@30mHz-1GHz@Pass



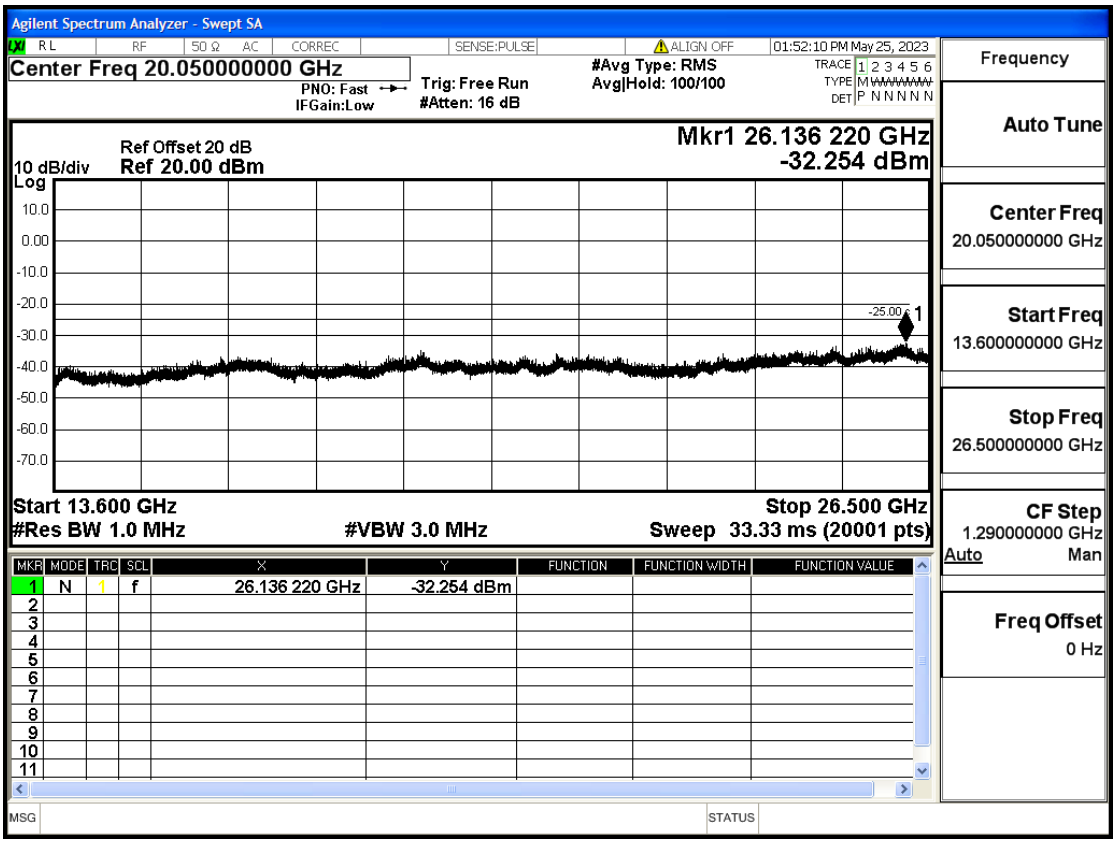
OB7-20-2535-QPSK-100#LOW@1GHz-7GHz@Pass



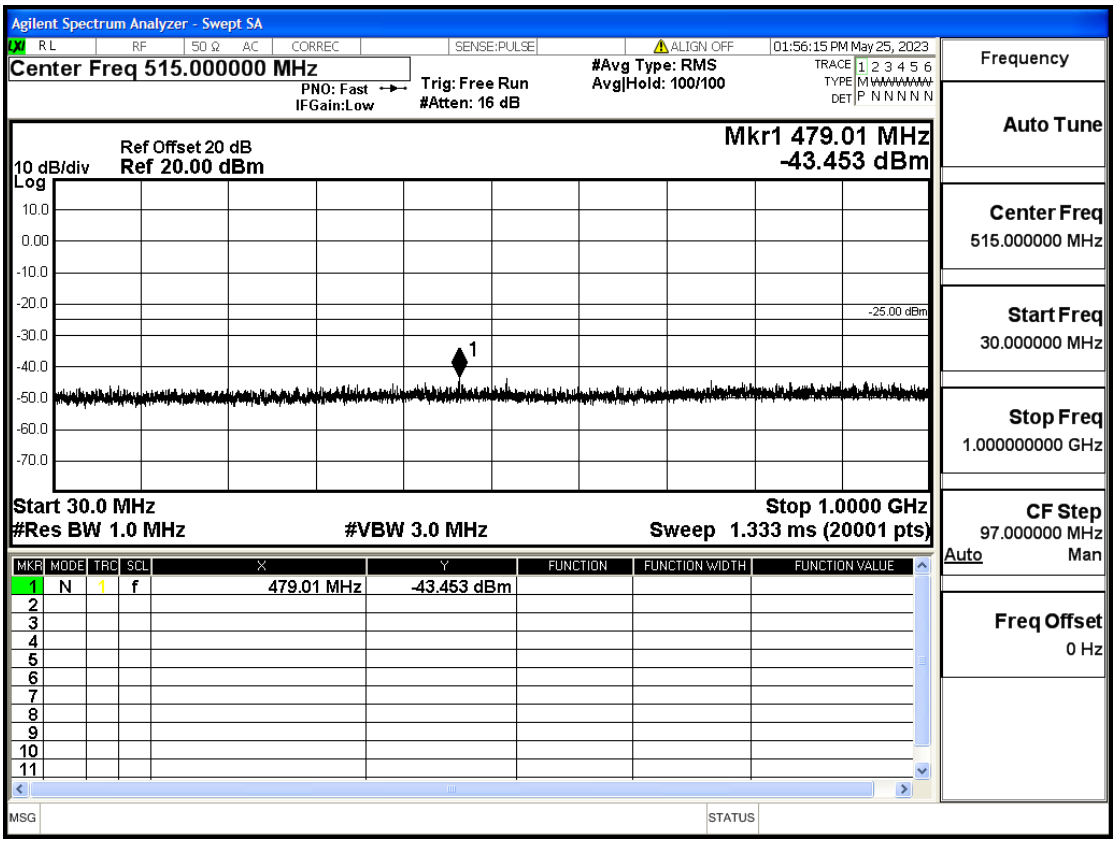
OB7-20-2535-QPSK-100#LOW@7GHz-13.6GHz@Pass



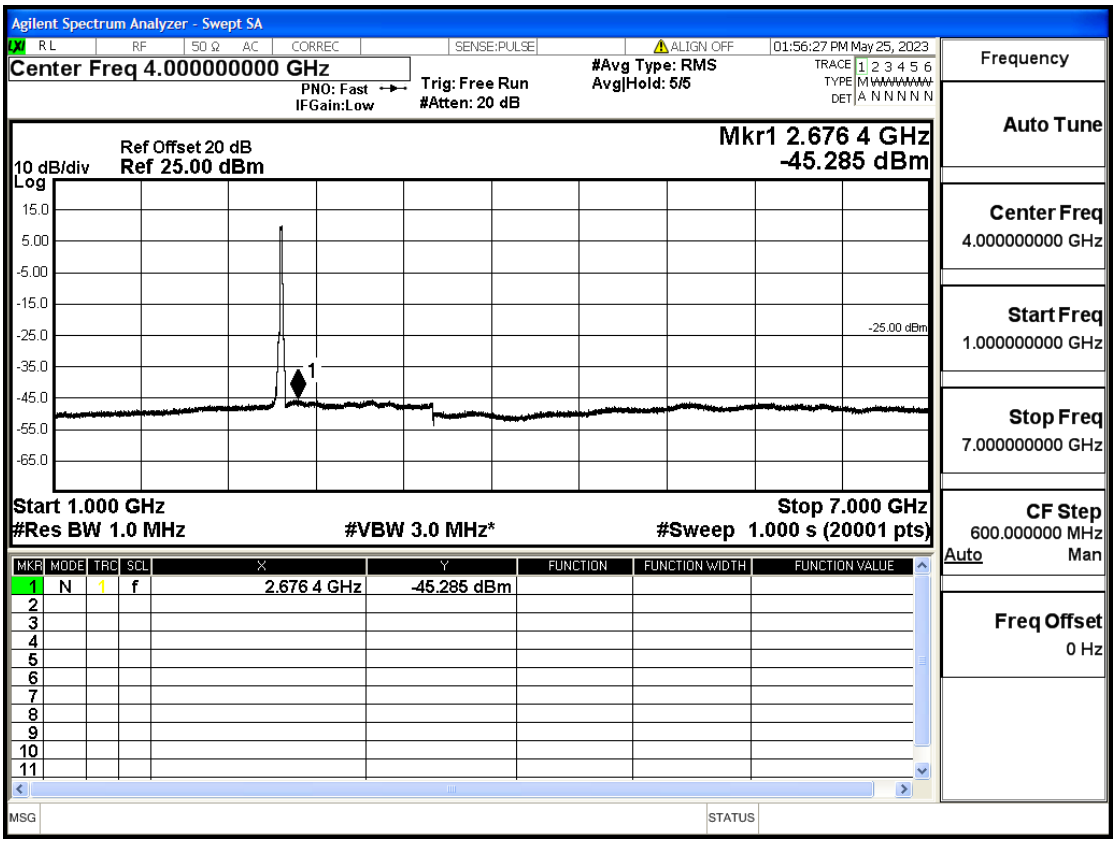
OB7-20-2535-QPSK-100#LOW@13.6GHz-26.5GHz@Pass



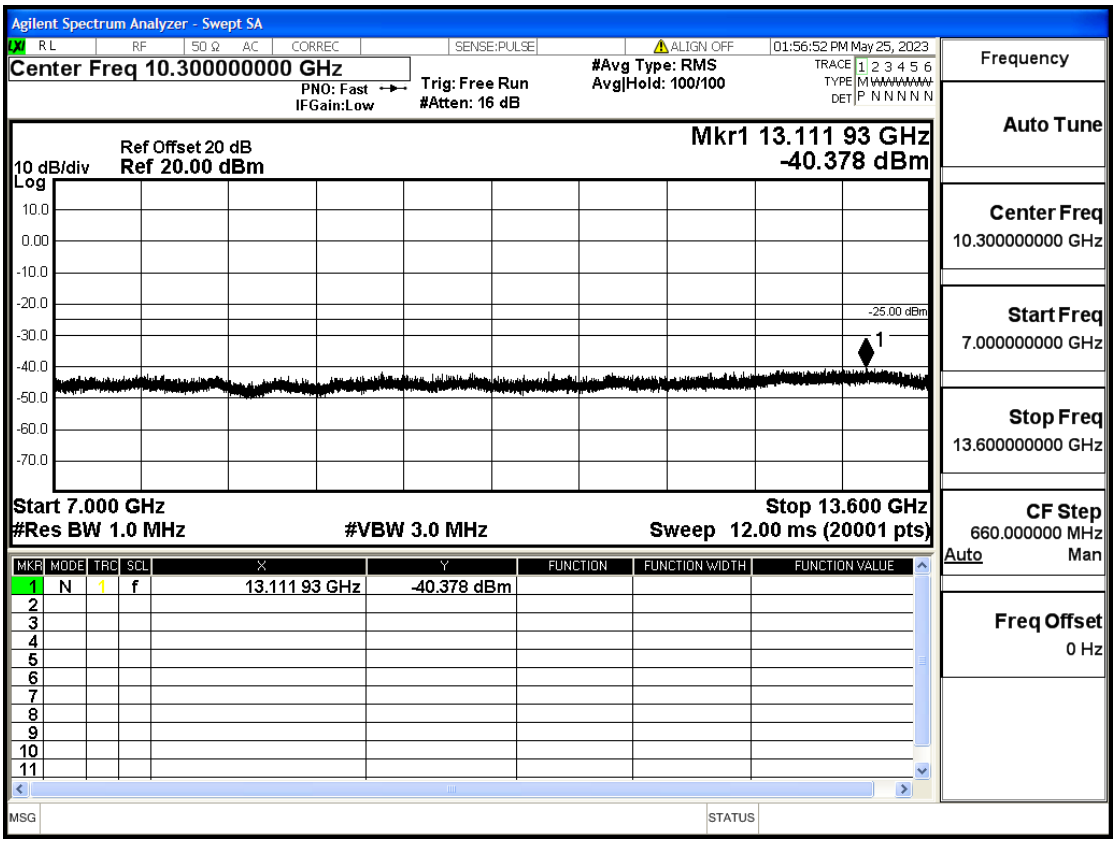
OB7-20-2560-QPSK-100#LOW@30mHz-1GHz@Pass



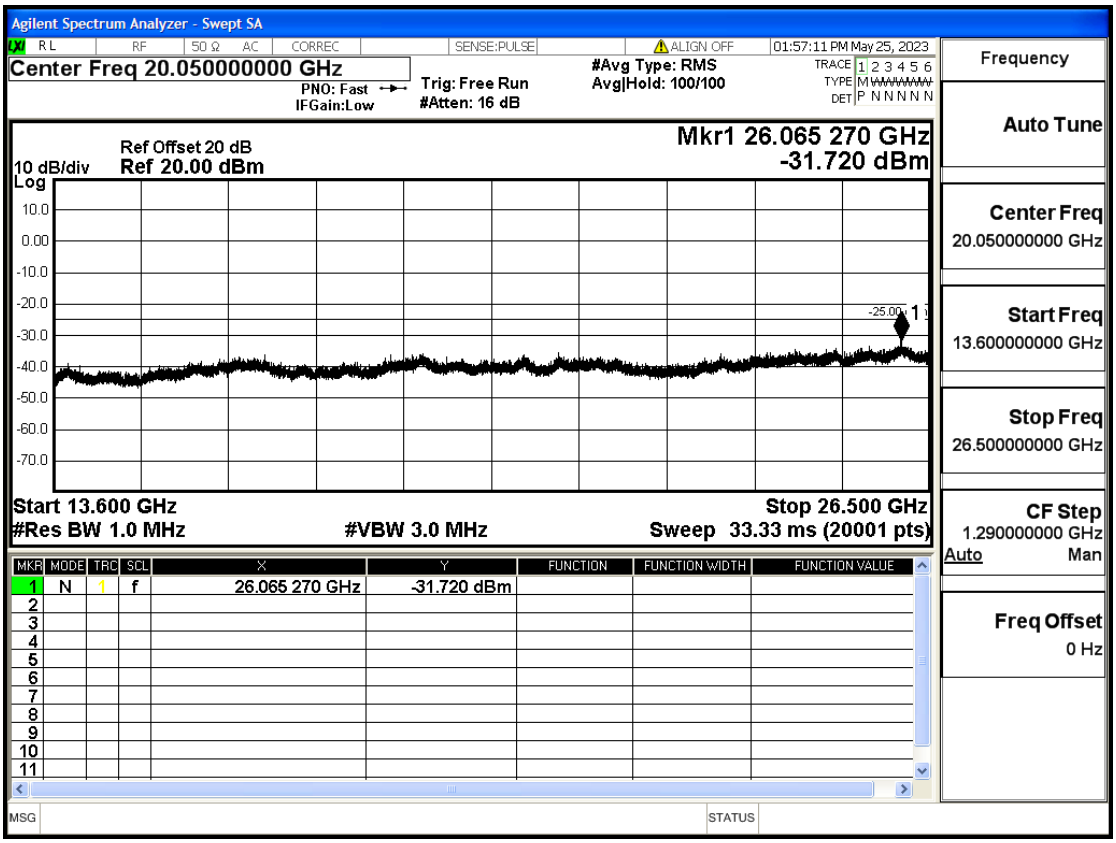
OB7-20-2560-QPSK-100#LOW@1GHz-7GHz@Pass



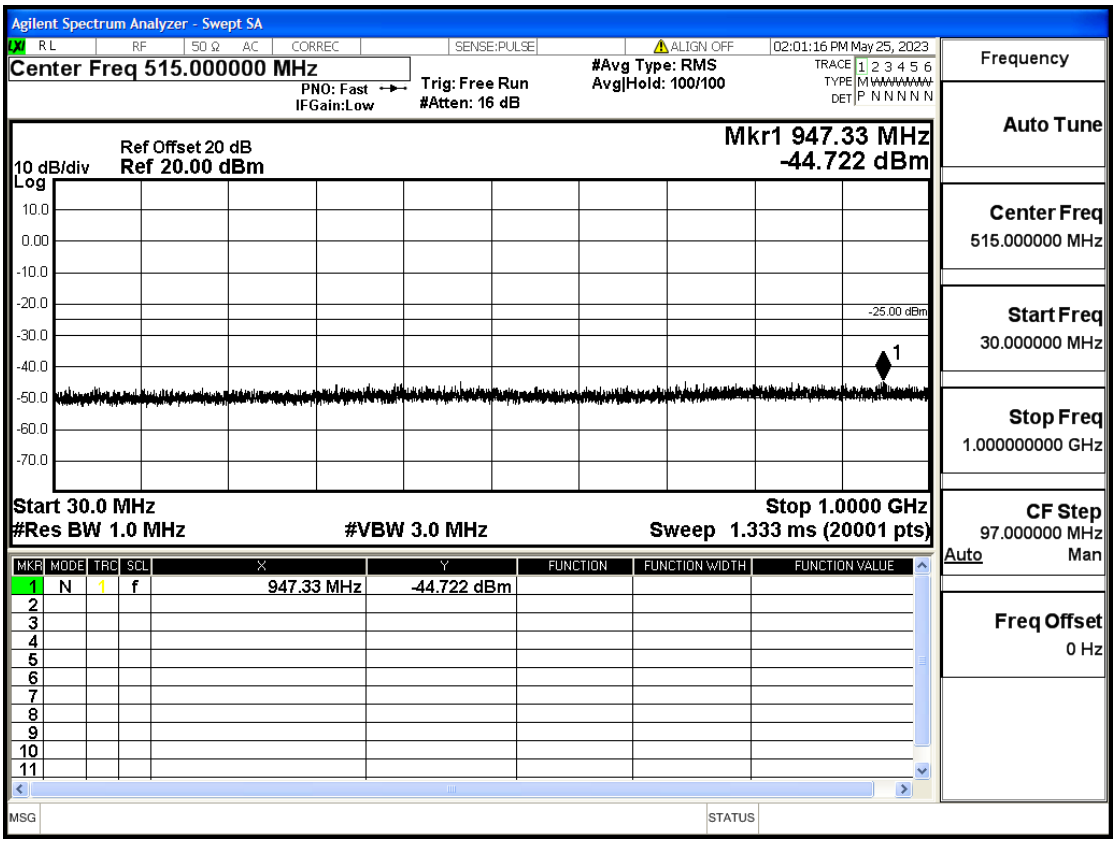
OB7-20-2560-QPSK-100#LOW@7GHz-13.6GHz@Pass



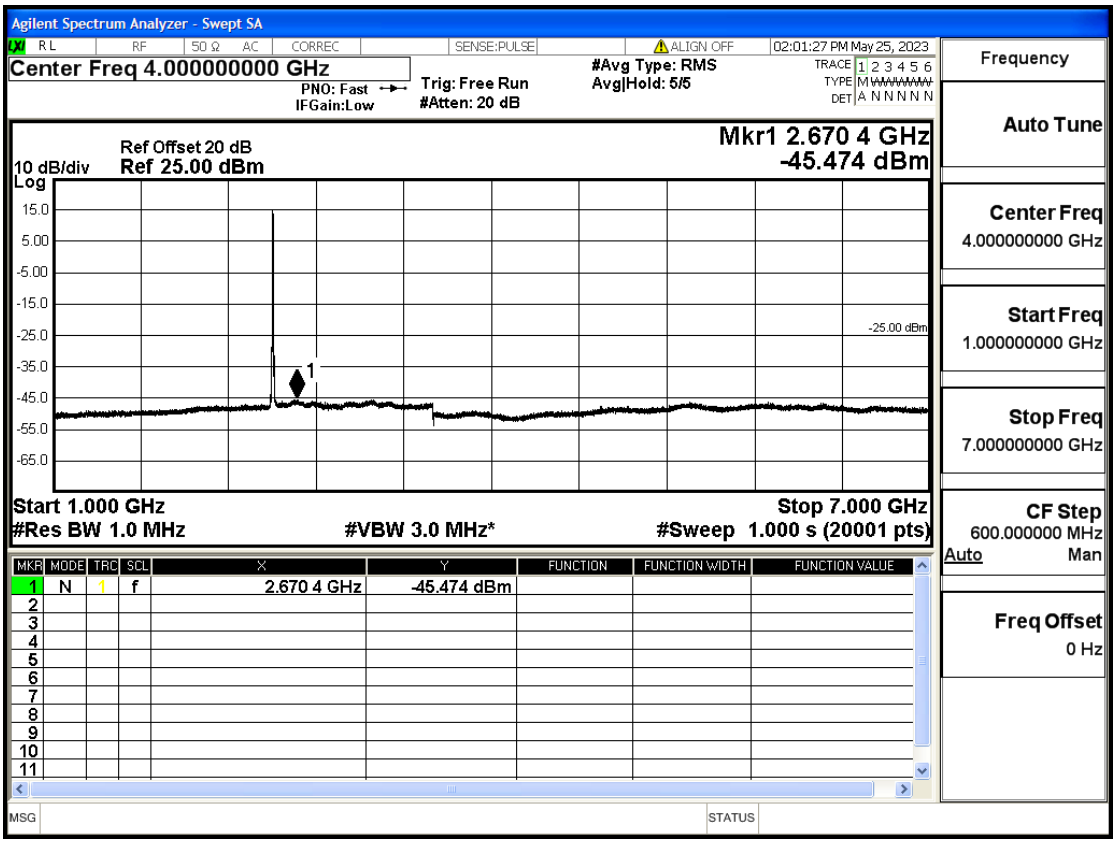
OB7-20-2560-QPSK-100#LOW@13.6GHz-26.5GHz@Pass



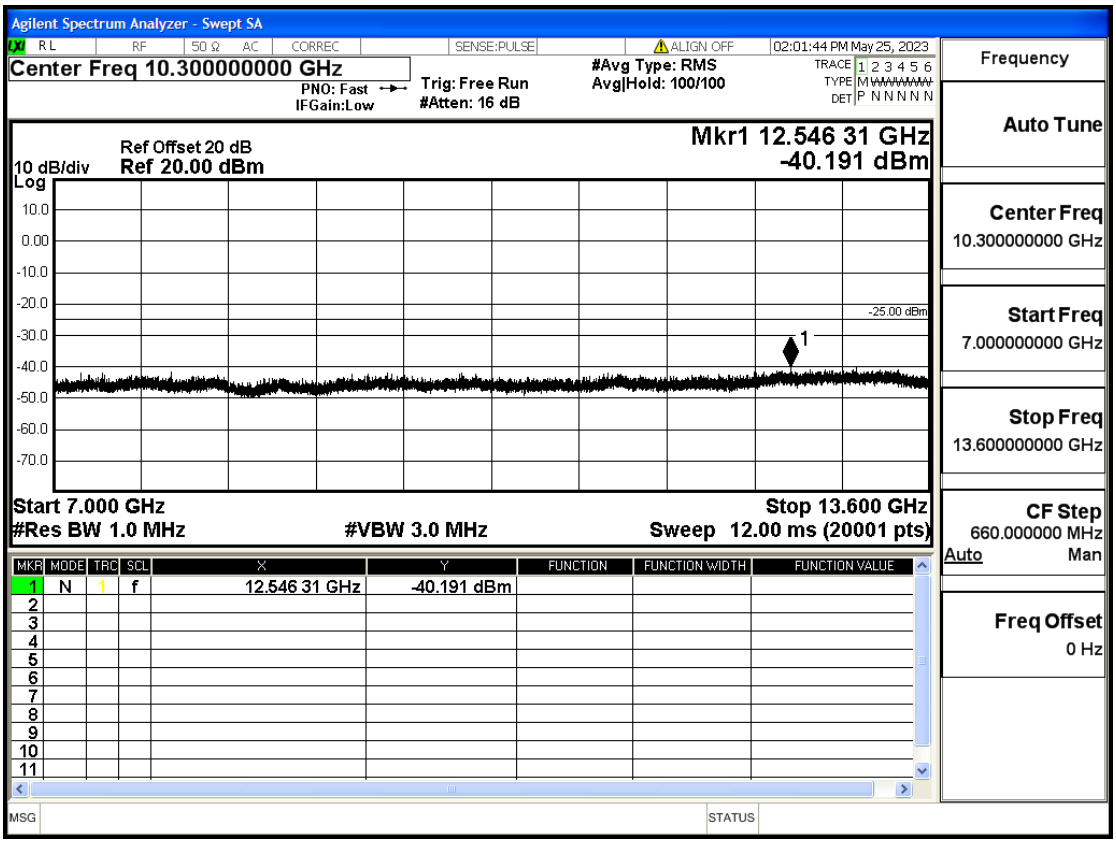
OB7-5-2502.5-Q16-25#LOW@30mHz-1GHz@Pass



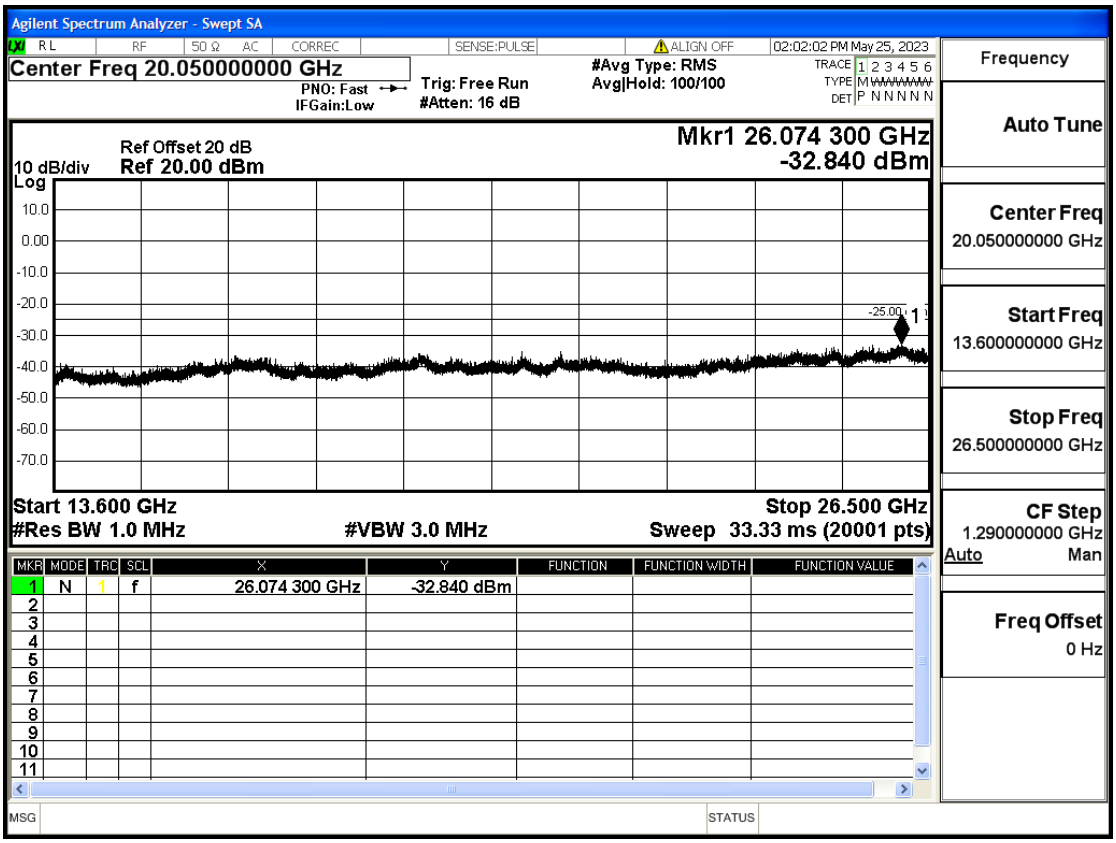
OB7-5-2502.5-Q16-25#LOW@1GHz-7GHz@Pass



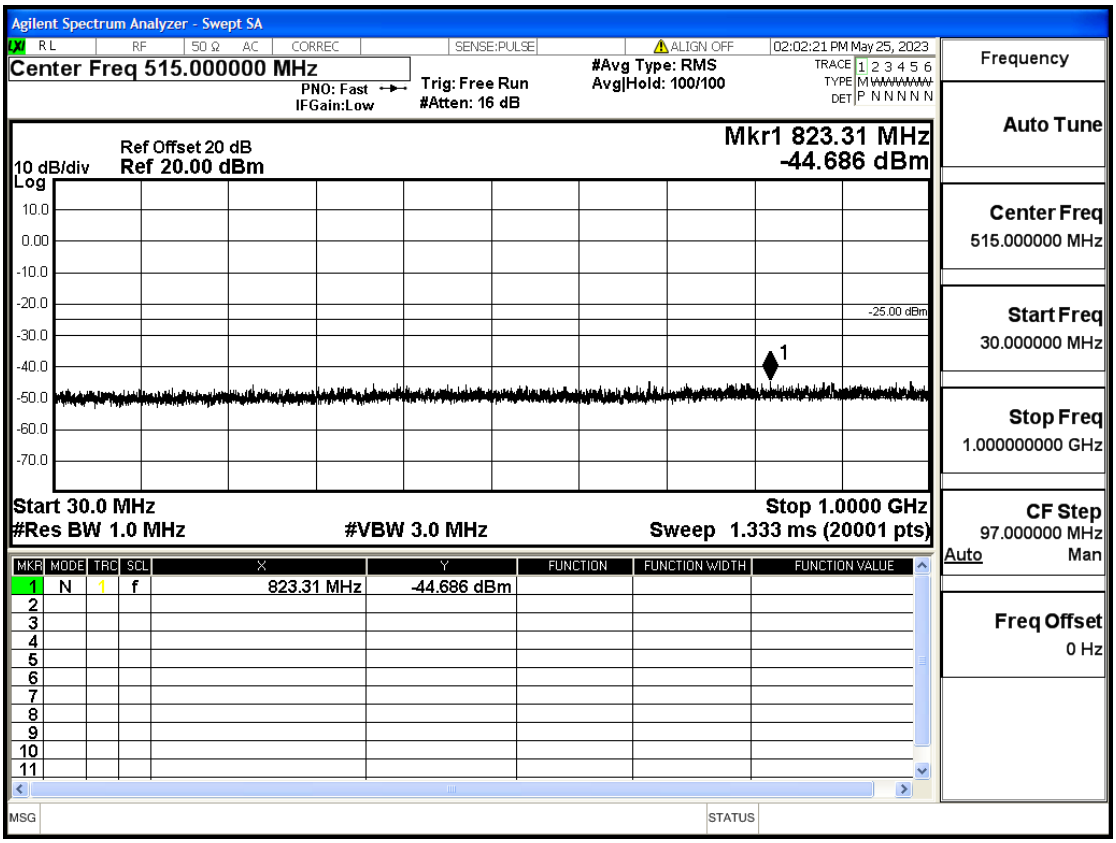
OB7-5-2502.5-Q16-25#LOW@7GHz-13.6GHz@Pass



OB7-5-2502.5-Q16-25#LOW@13.6GHz-26.5GHz@Pass



OB7-5-2535-Q16-25#LOW@30mHz-1GHz@Pass



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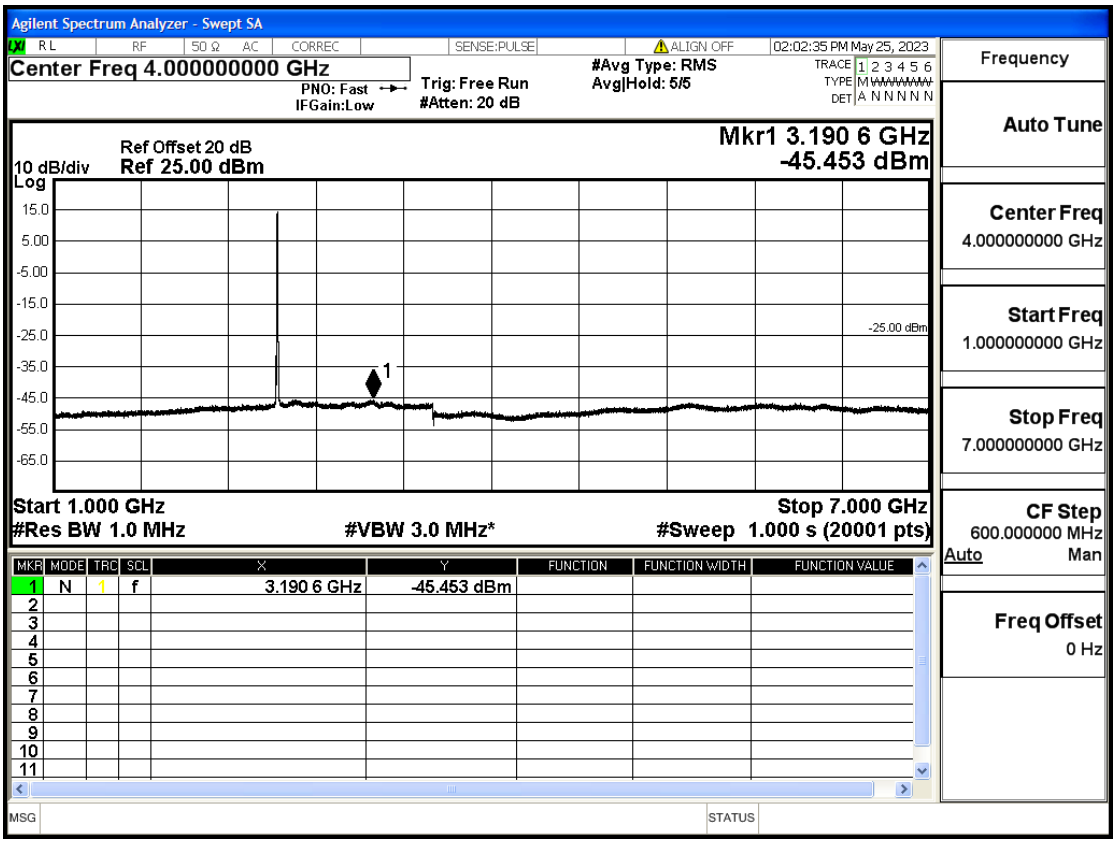

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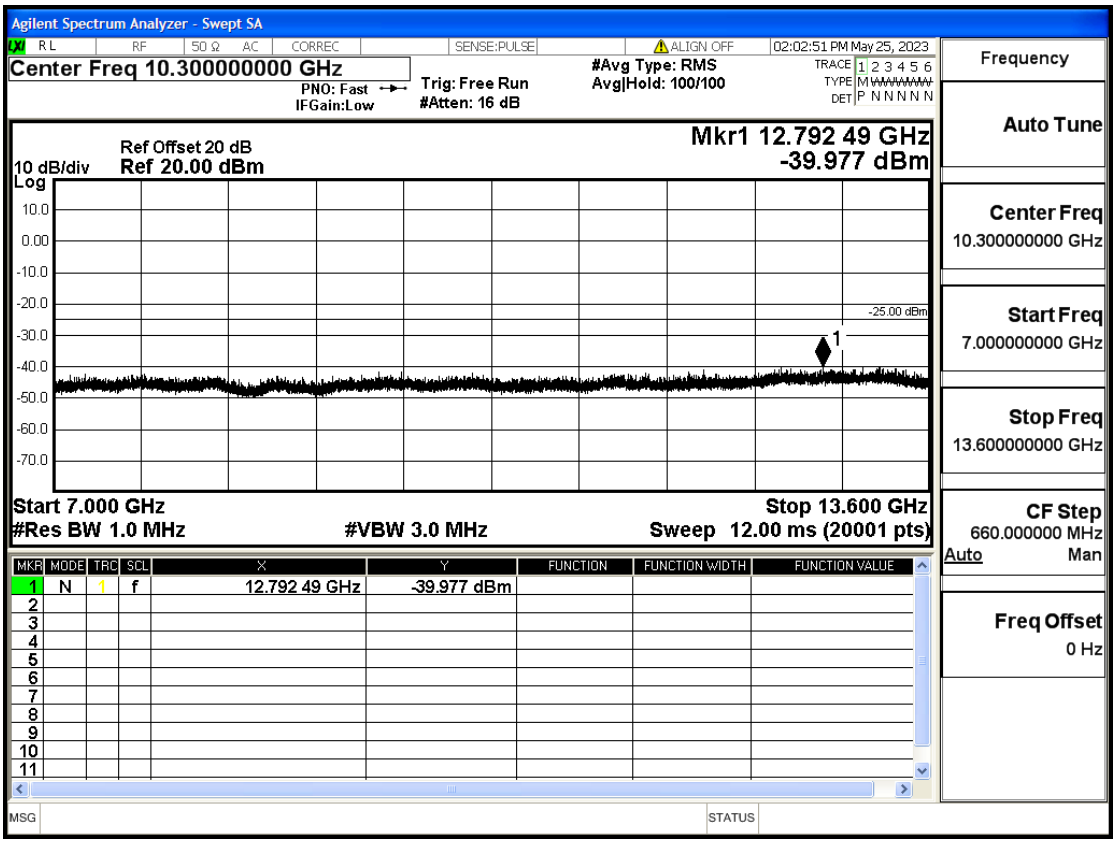
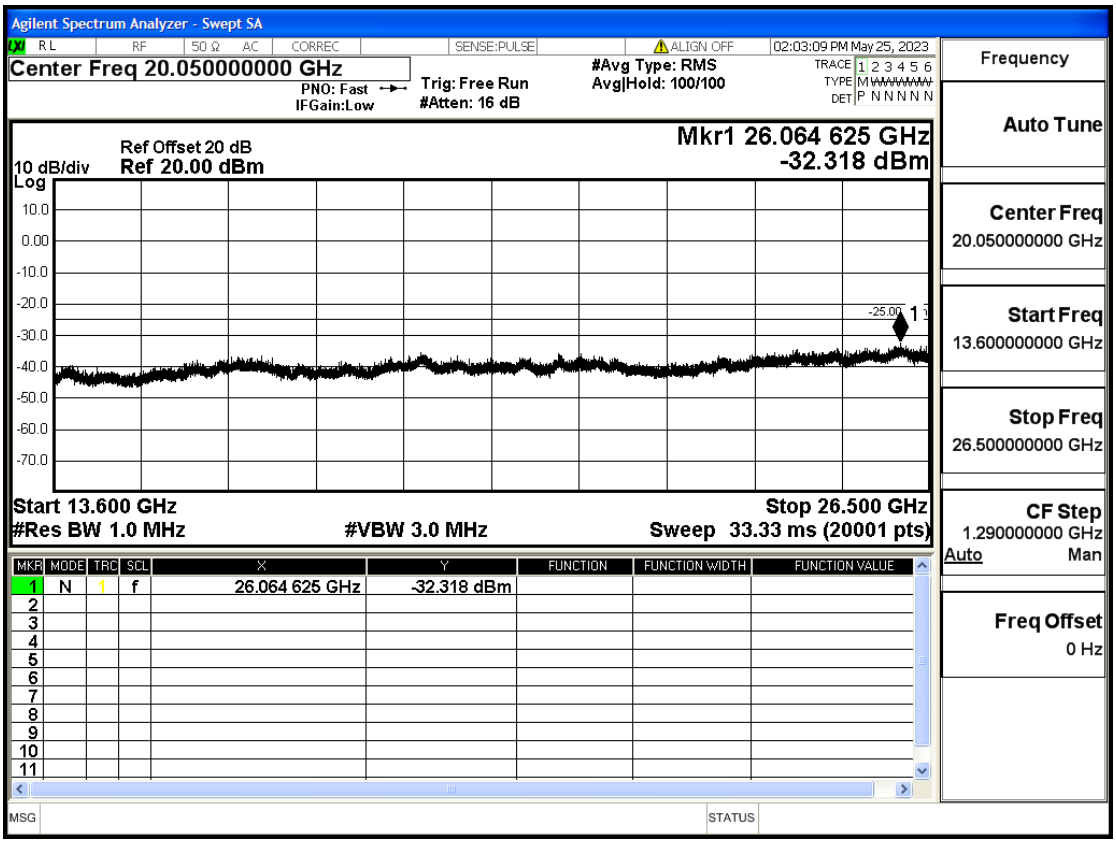
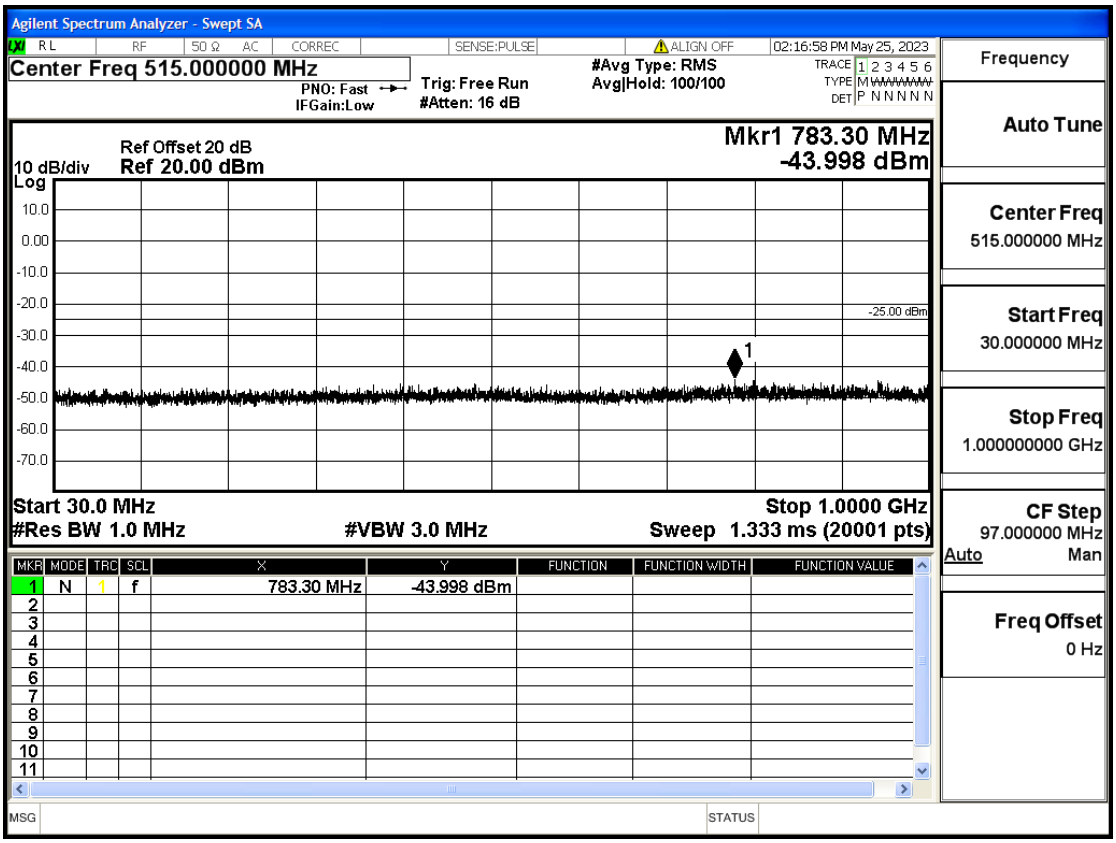


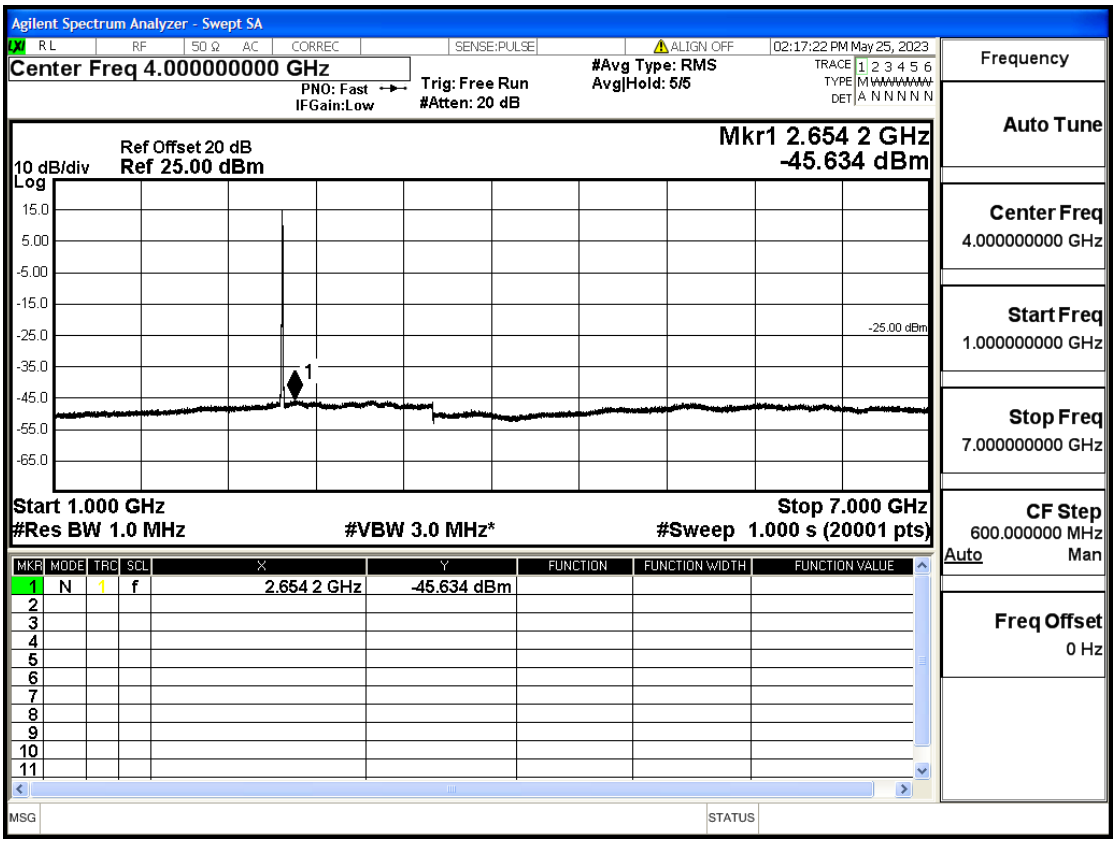
OB7-5-2535-Q16-25#LOW@13.6GHz-26.5GHz@Pass



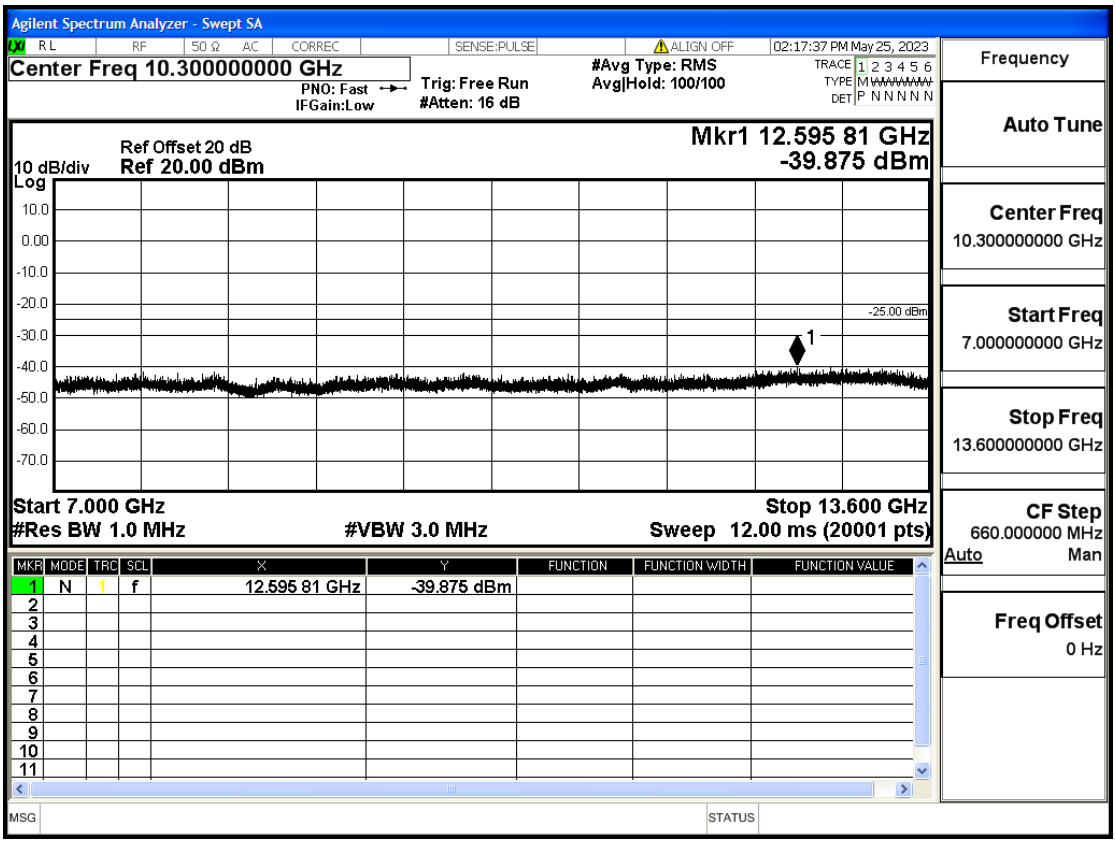
OB7-5-2567.5-Q16-25#LOW@30mHz-1GHz@Pass



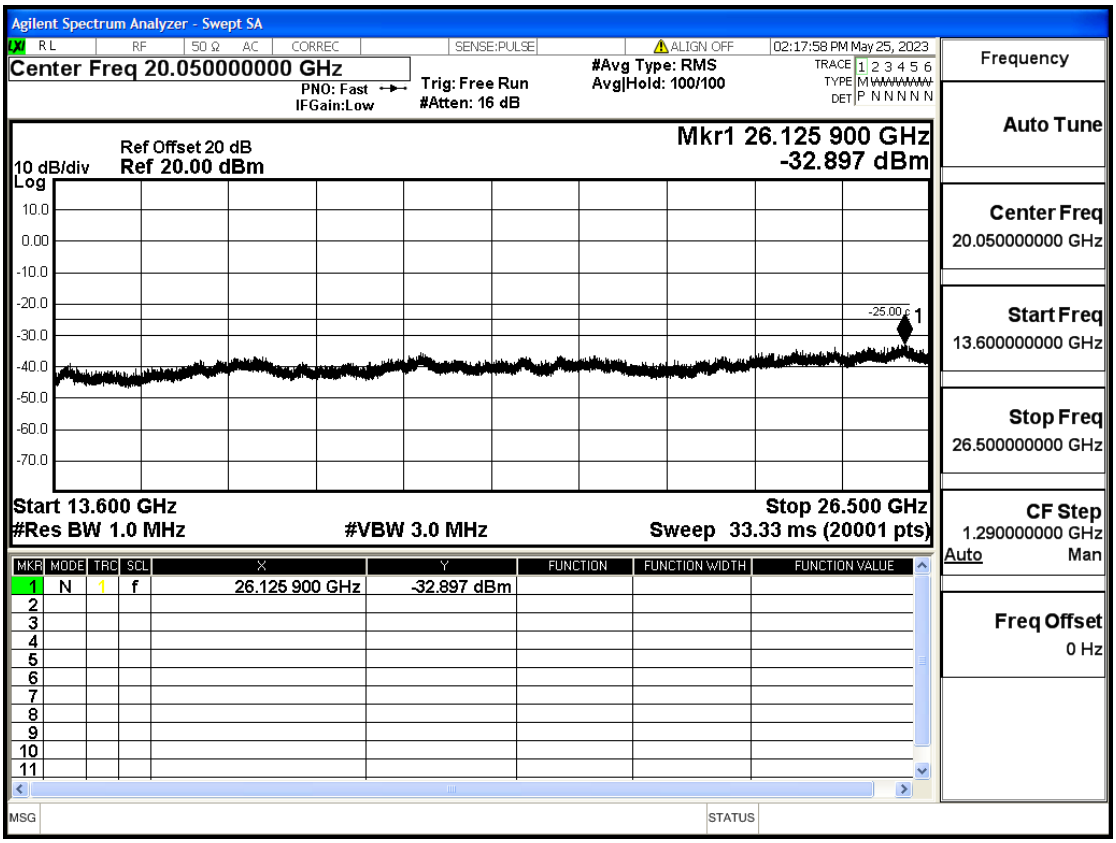
OB7-5-2567.5-Q16-25#LOW@1GHz-7GHz@Pass



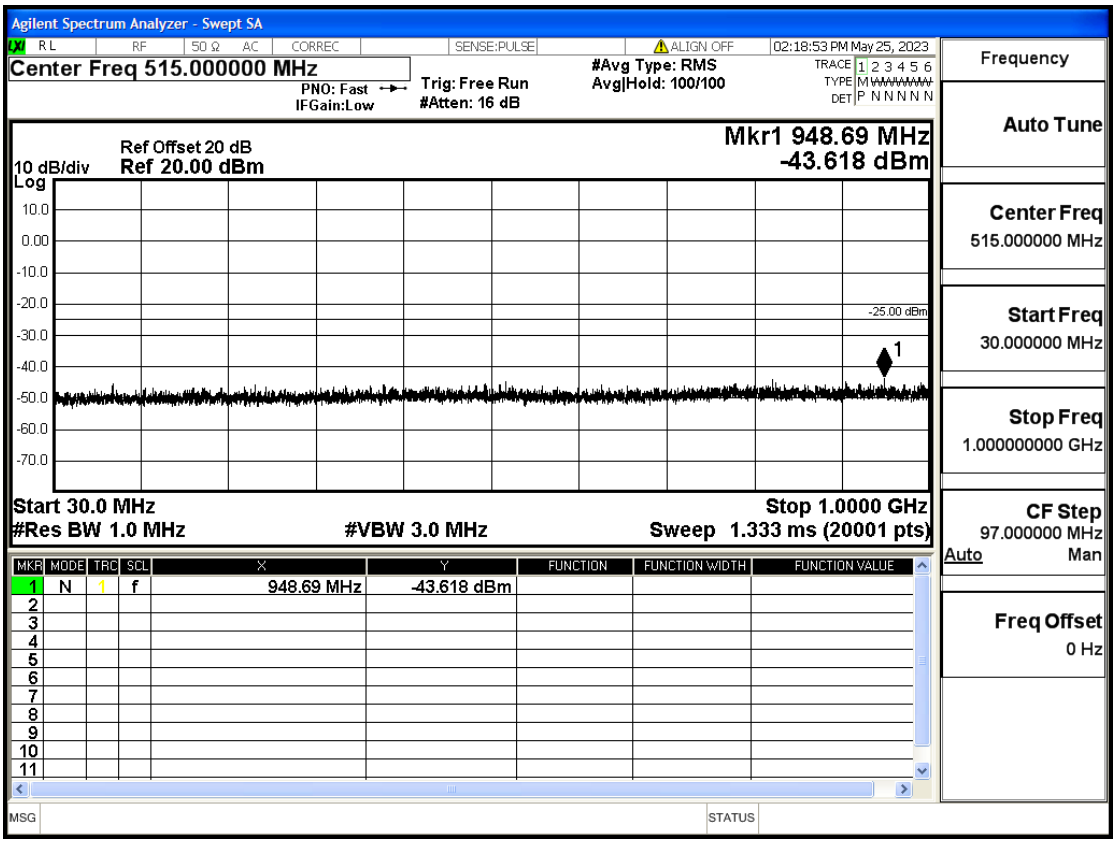
OB7-5-2567.5-Q16-25#LOW@7GHz-13.6GHz@Pass



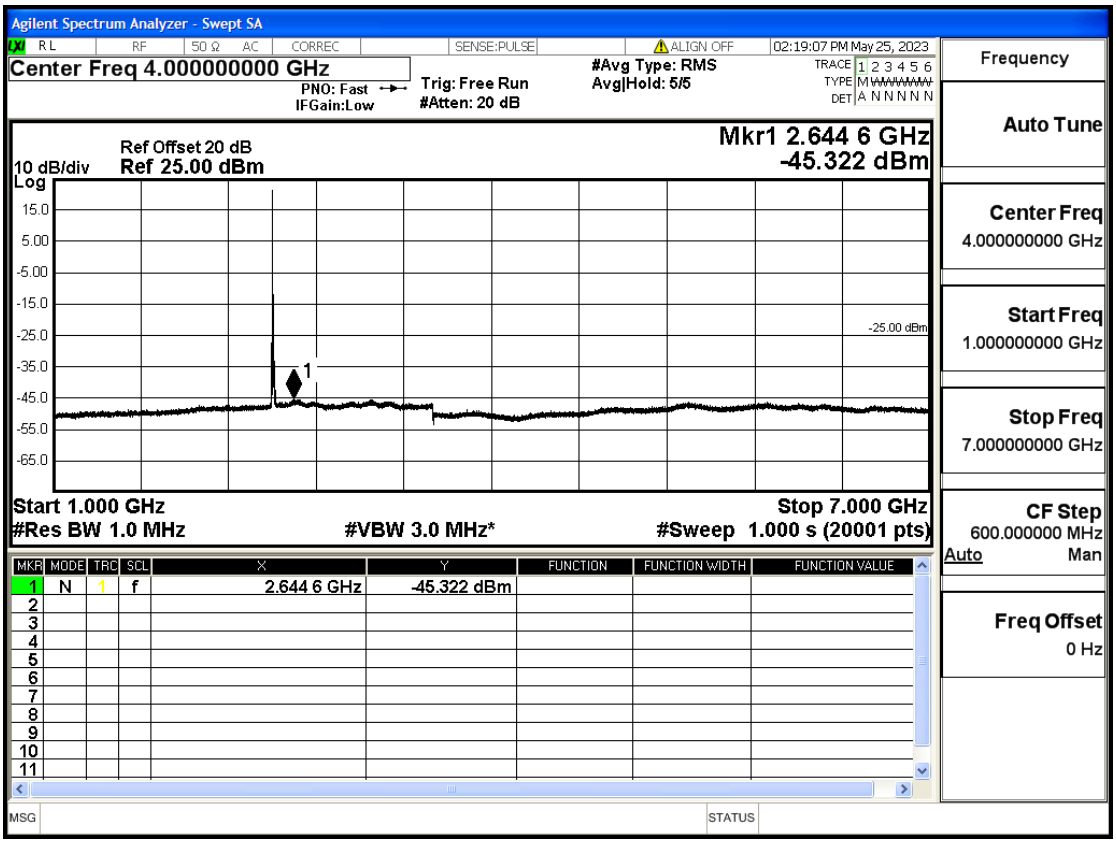
OB7-5-2567.5-Q16-25#LOW@13.6GHz-26.5GHz@Pass



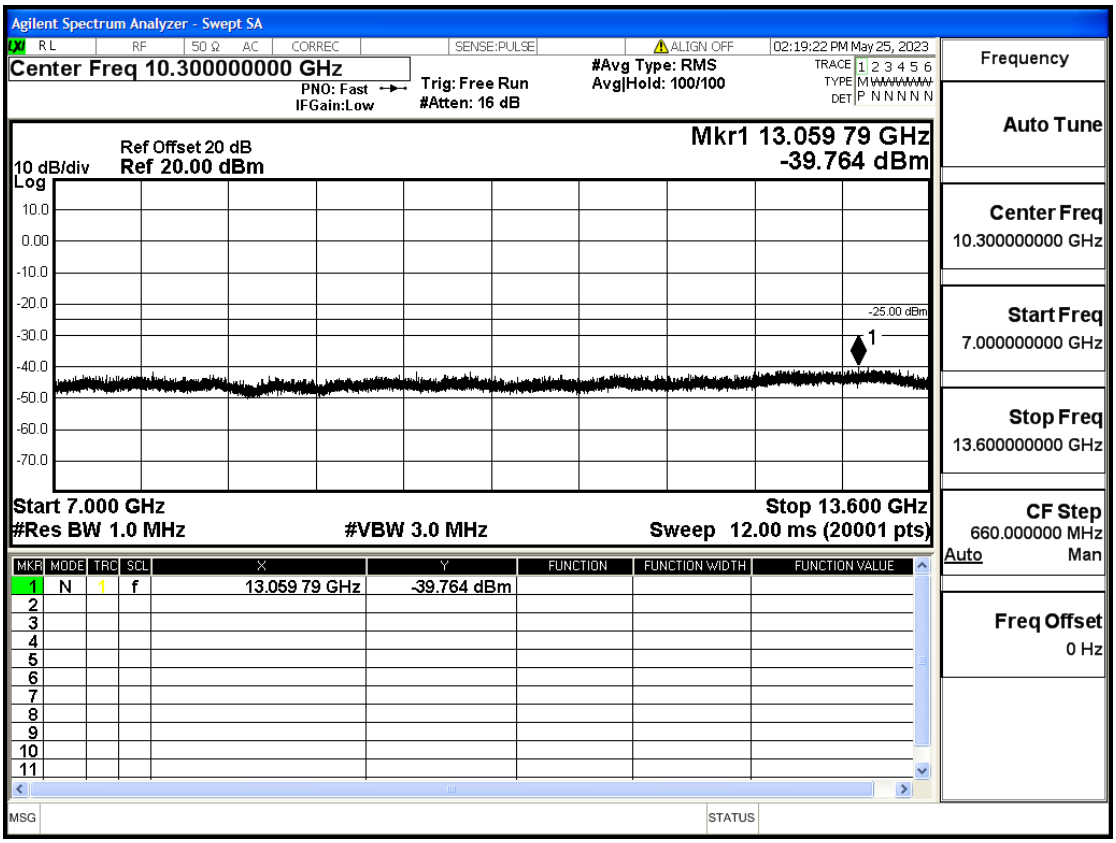
OB7-10-2505-Q16-50#LOW@30mHz-1GHz@Pass



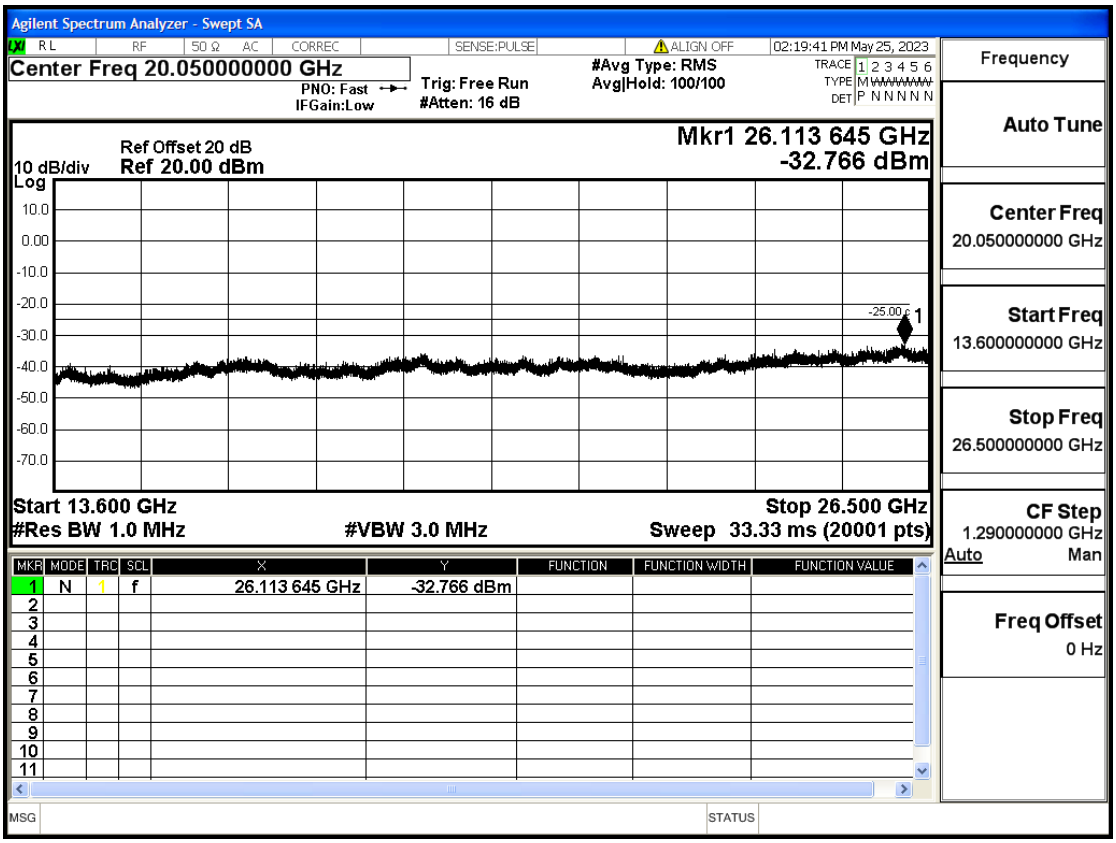
OB7-10-2505-Q16-50#LOW@1GHz-7GHz@Pass



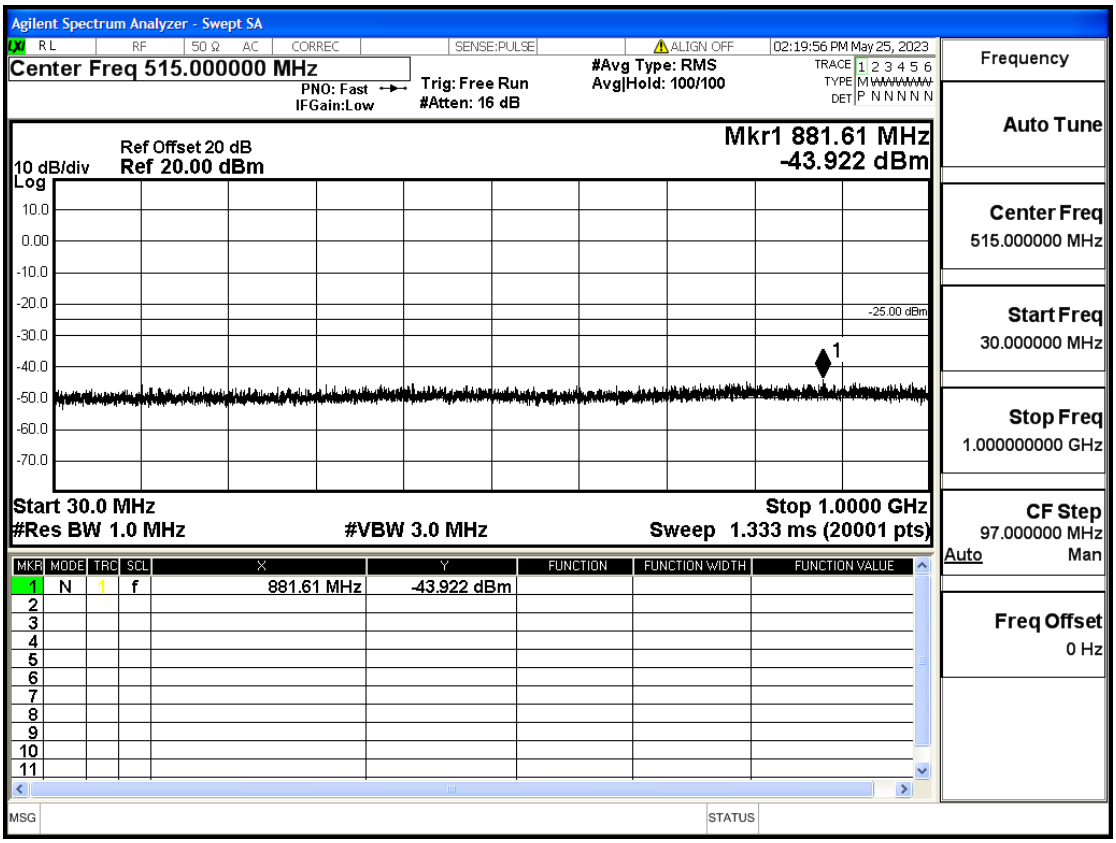
OB7-10-2505-Q16-50#LOW@7GHz-13.6GHz@Pass



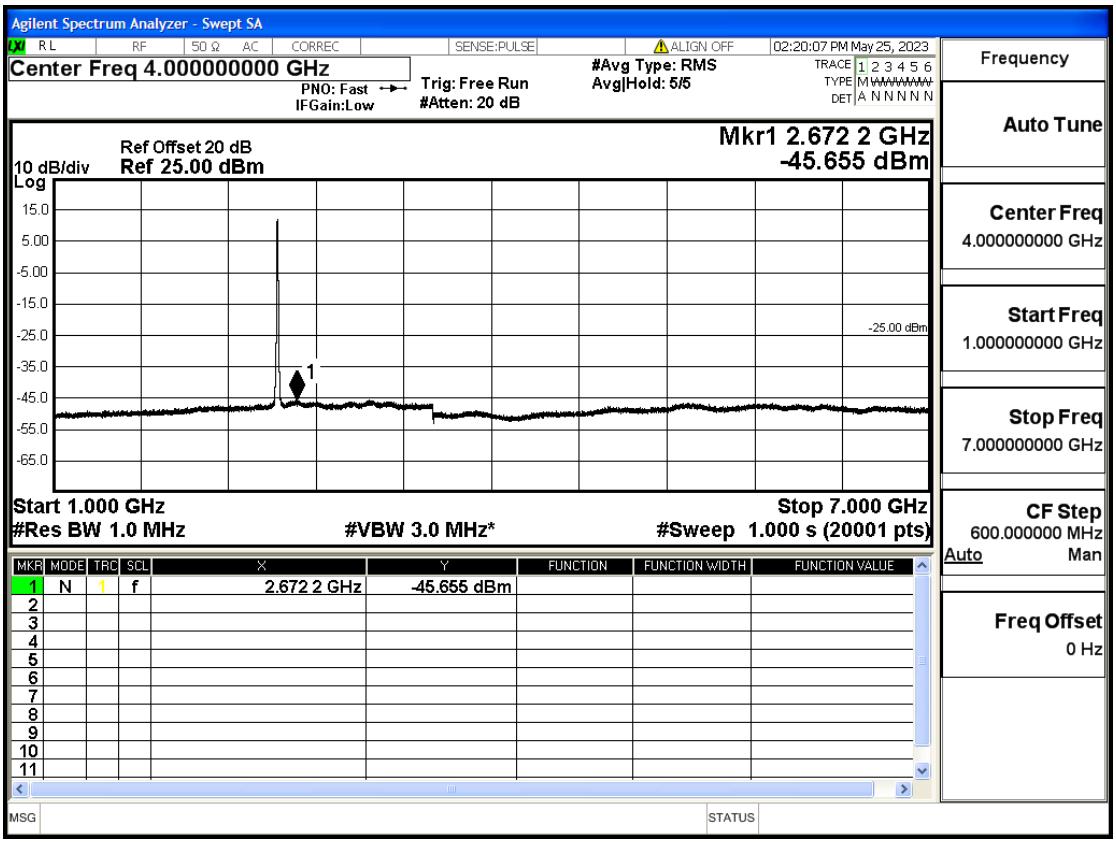
OB7-10-2505-Q16-50#LOW@13.6GHz-26.5GHz@Pass



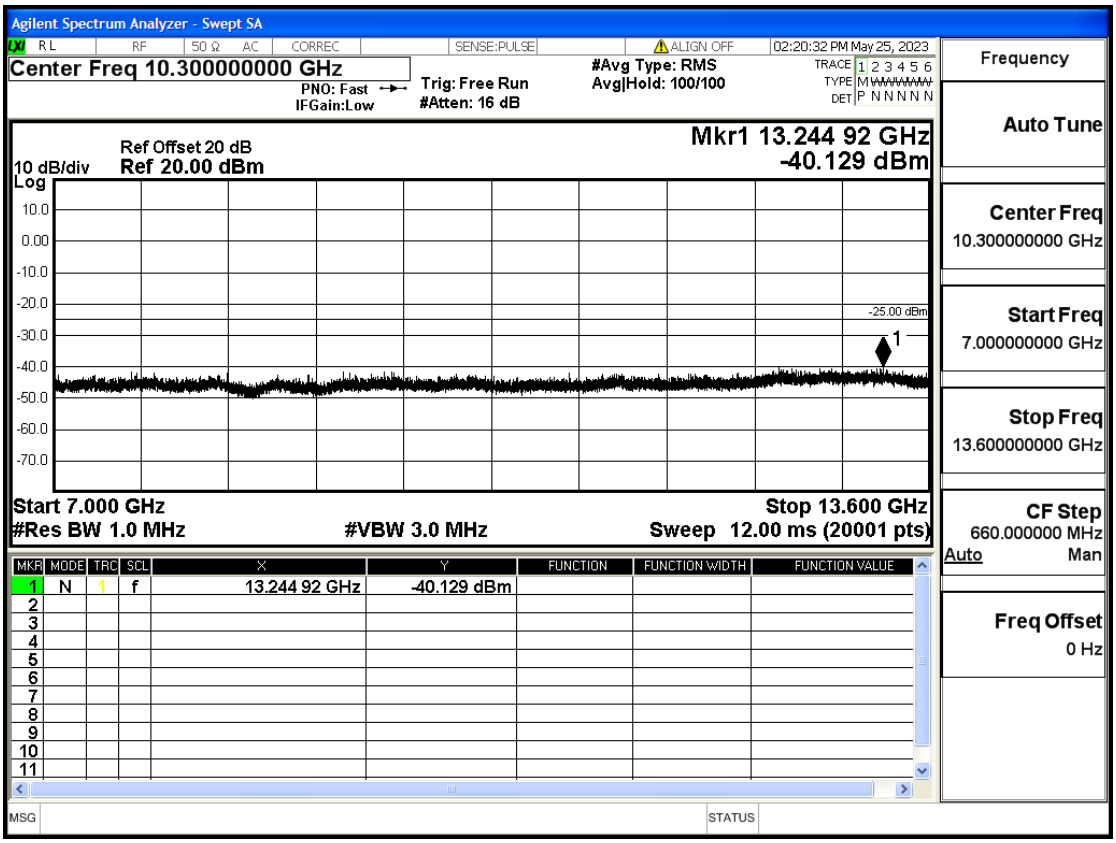
OB7-10-2535-Q16-50#LOW@30mHz-1GHz@Pass



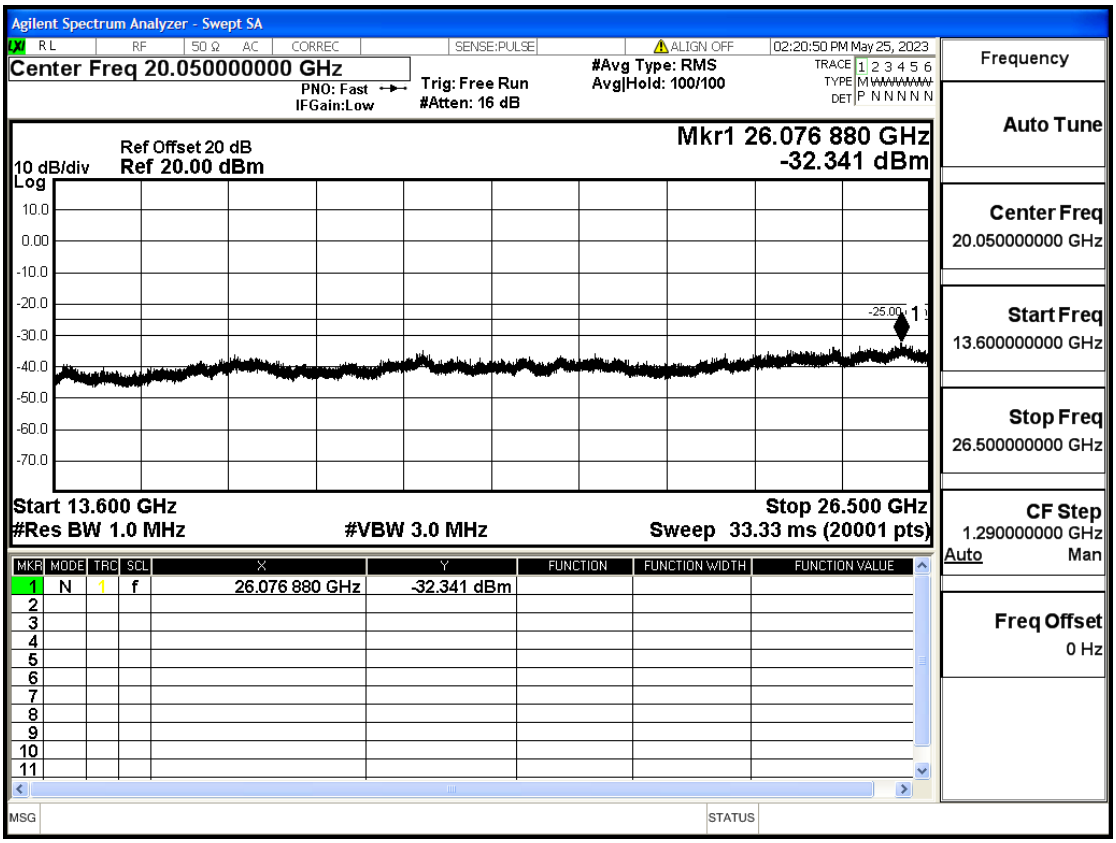
OB7-10-2535-Q16-50#LOW@1GHz-7GHz@Pass



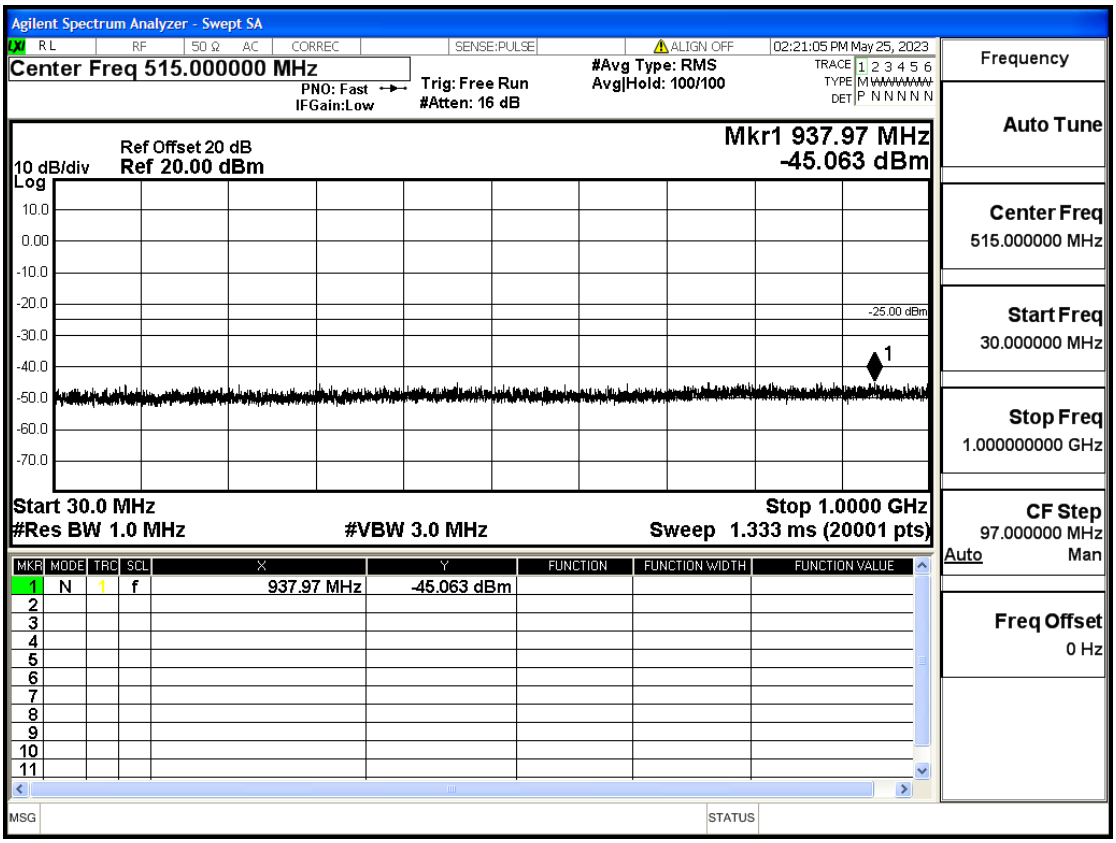
OB7-10-2535-Q16-50#LOW@7GHz-13.6GHz@Pass



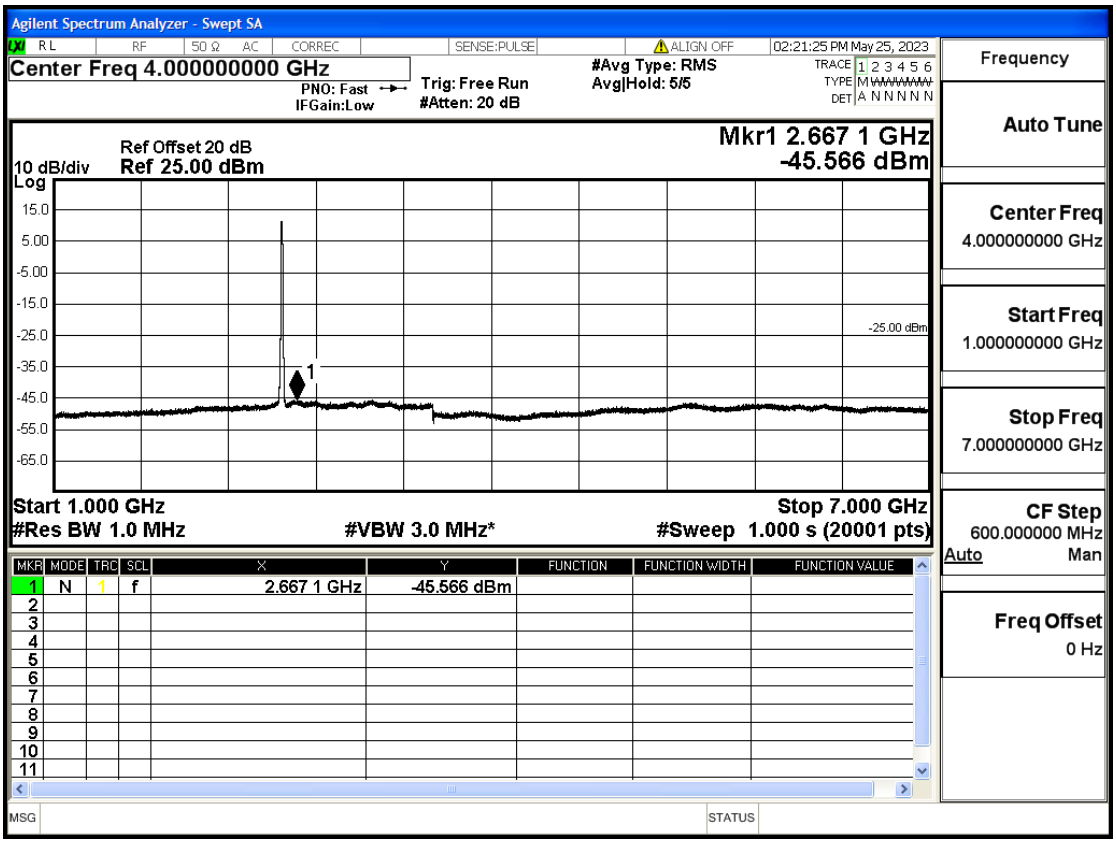
OB7-10-2535-Q16-50#LOW@13.6GHz-26.5GHz@Pass



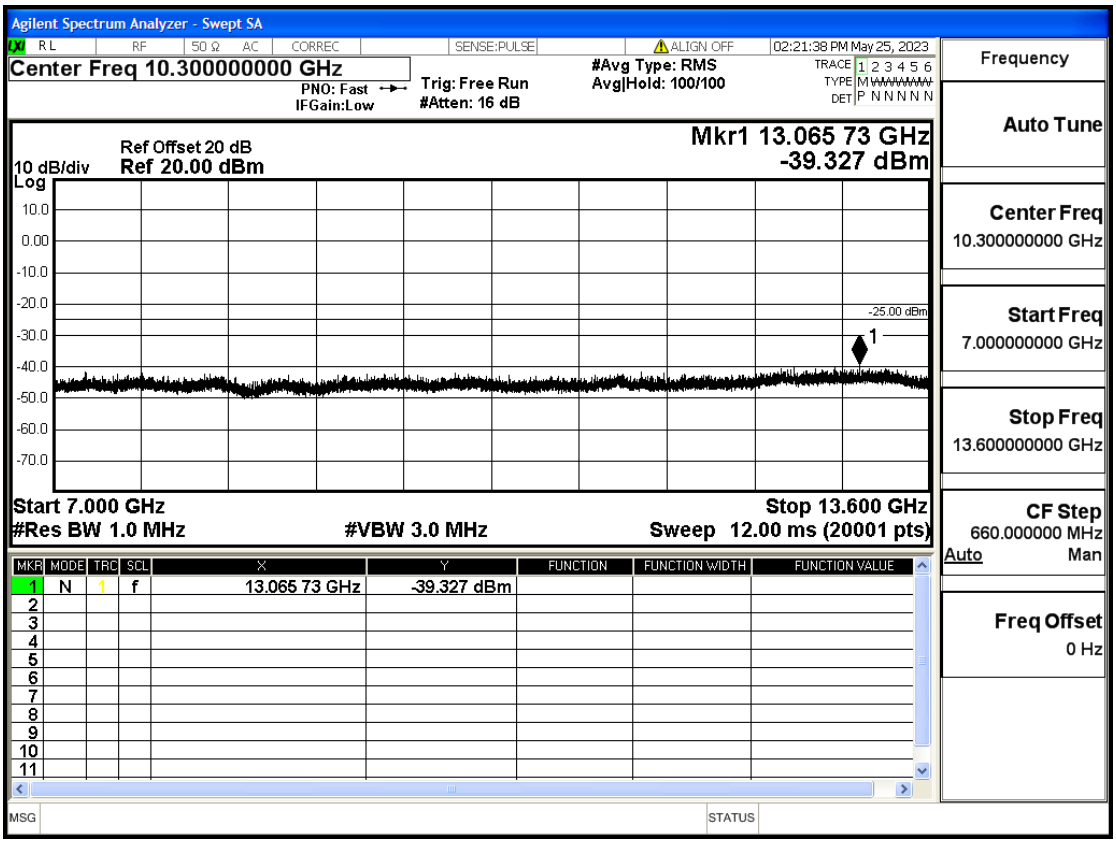
OB7-10-2565-Q16-50#LOW@30mHz-1GHz@Pass



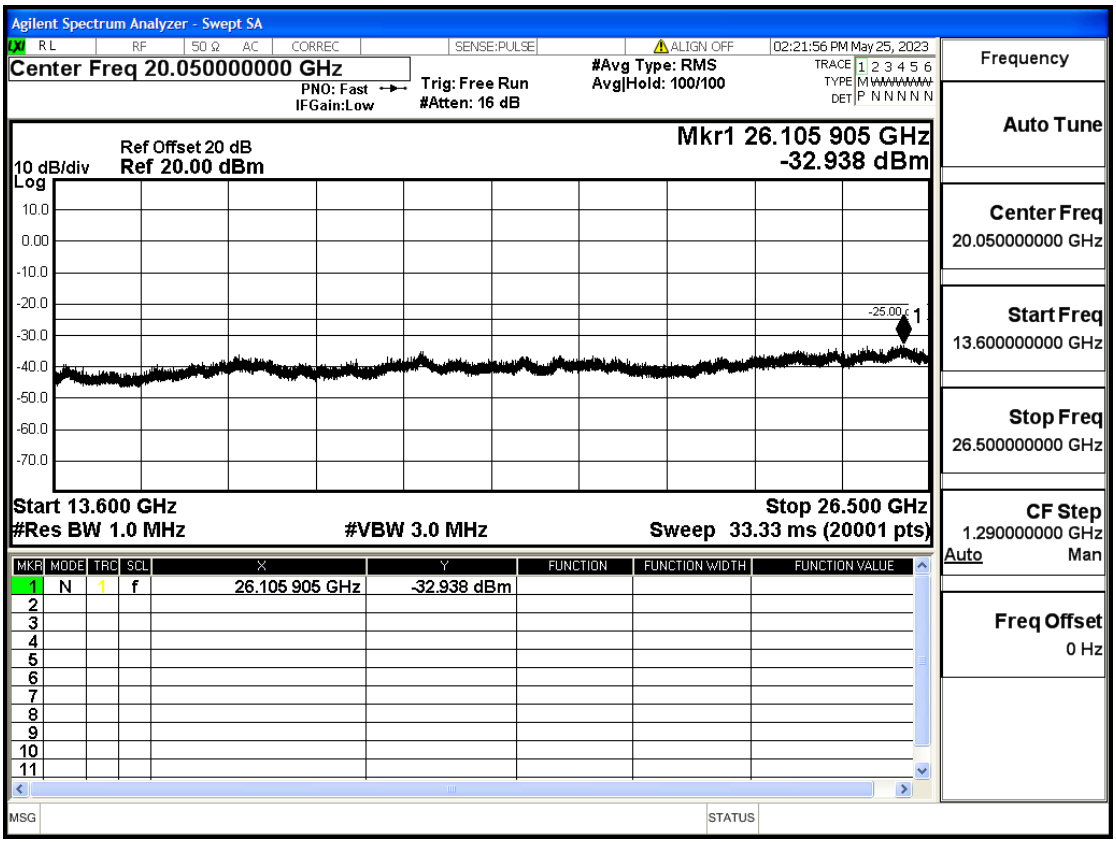
OB7-10-2565-Q16-50#LOW@1GHz-7GHz@Pass



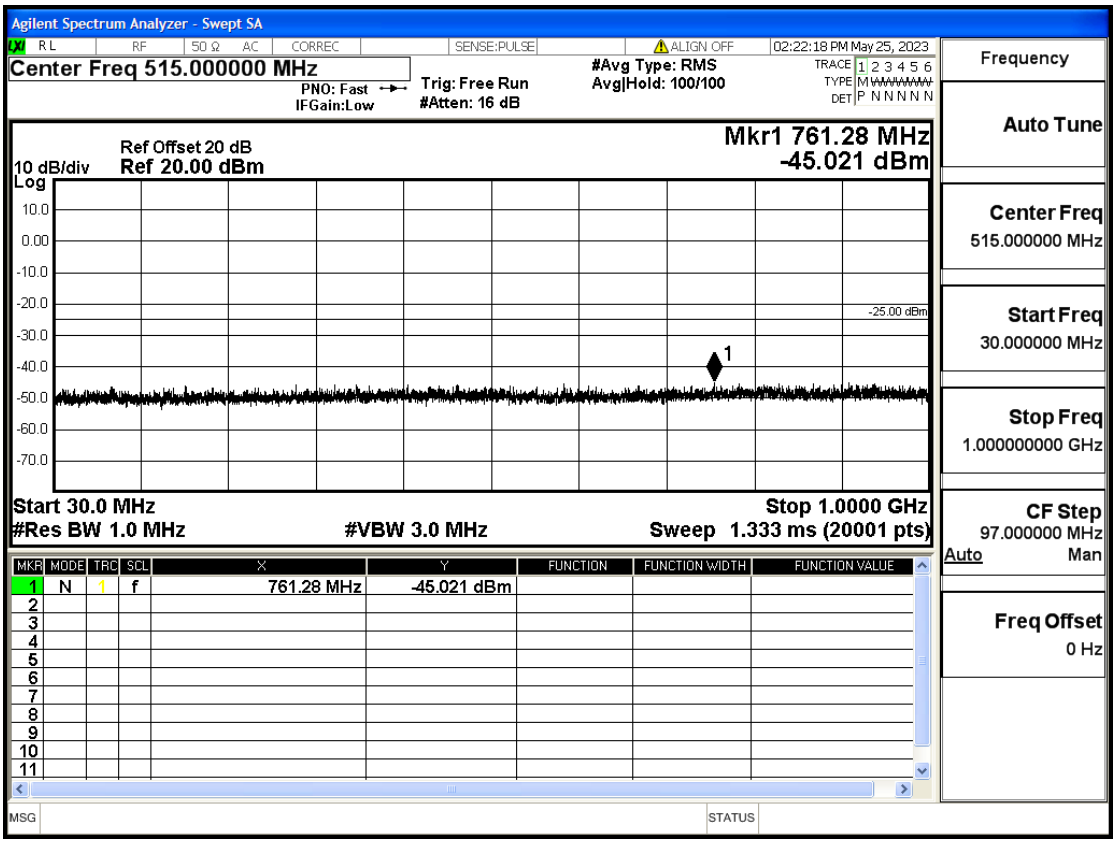
OB7-10-2565-Q16-50#LOW@7GHz-13.6GHz@Pass



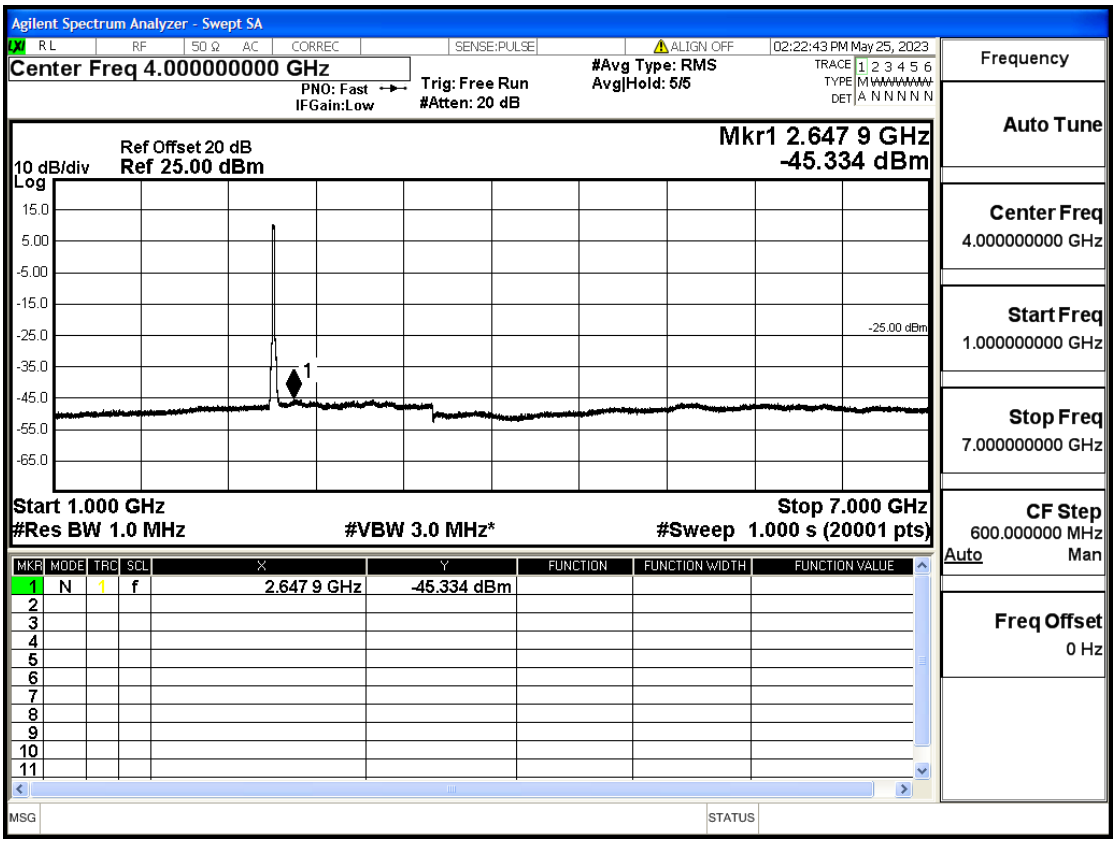
OB7-10-2565-Q16-50#LOW@13.6GHz-26.5GHz@Pass



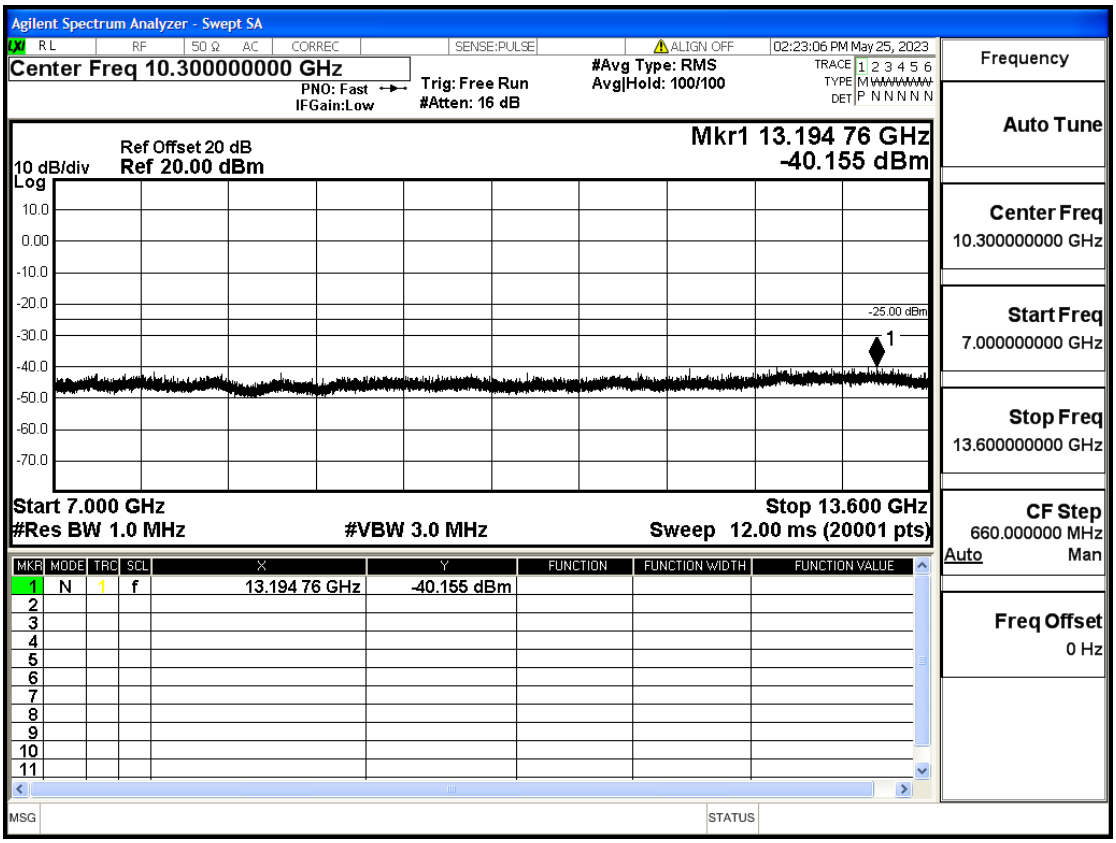
OB7-15-2507.5-Q16-75#LOW@30mHz-1GHz@Pass



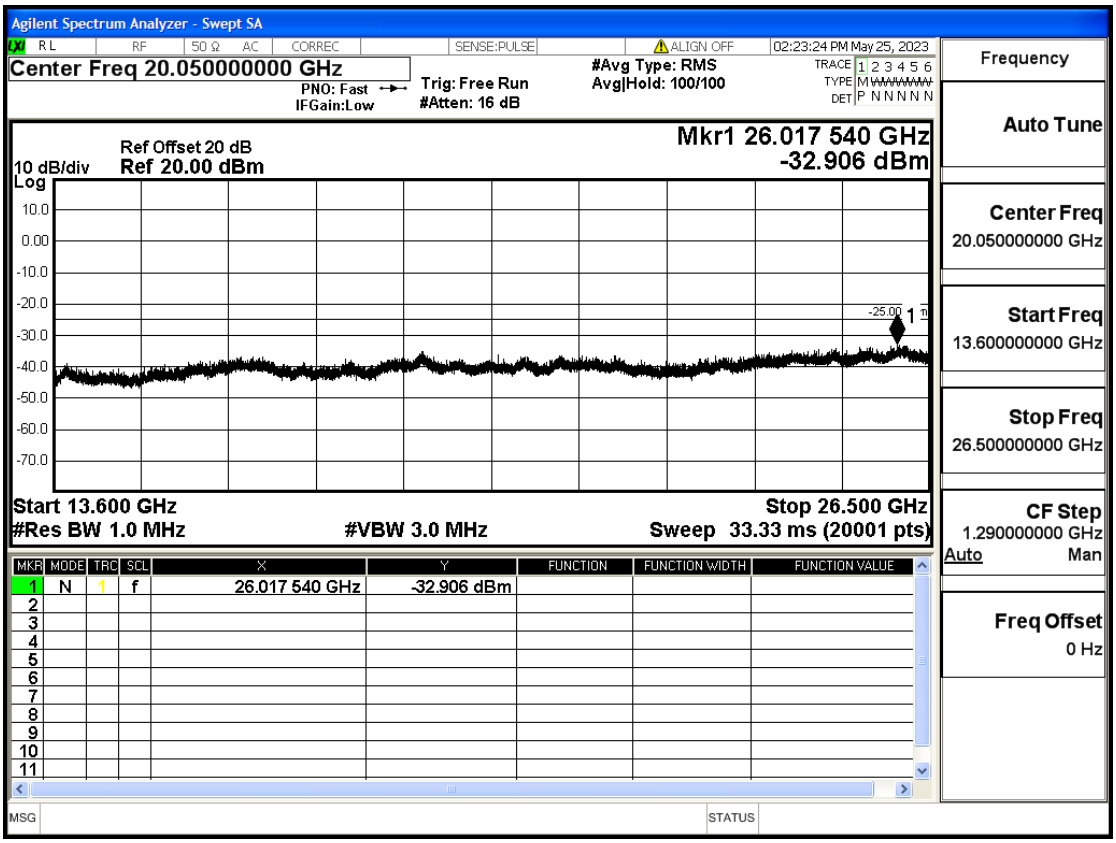
OB7-15-2507.5-Q16-75#LOW@1GHz-7GHz@Pass



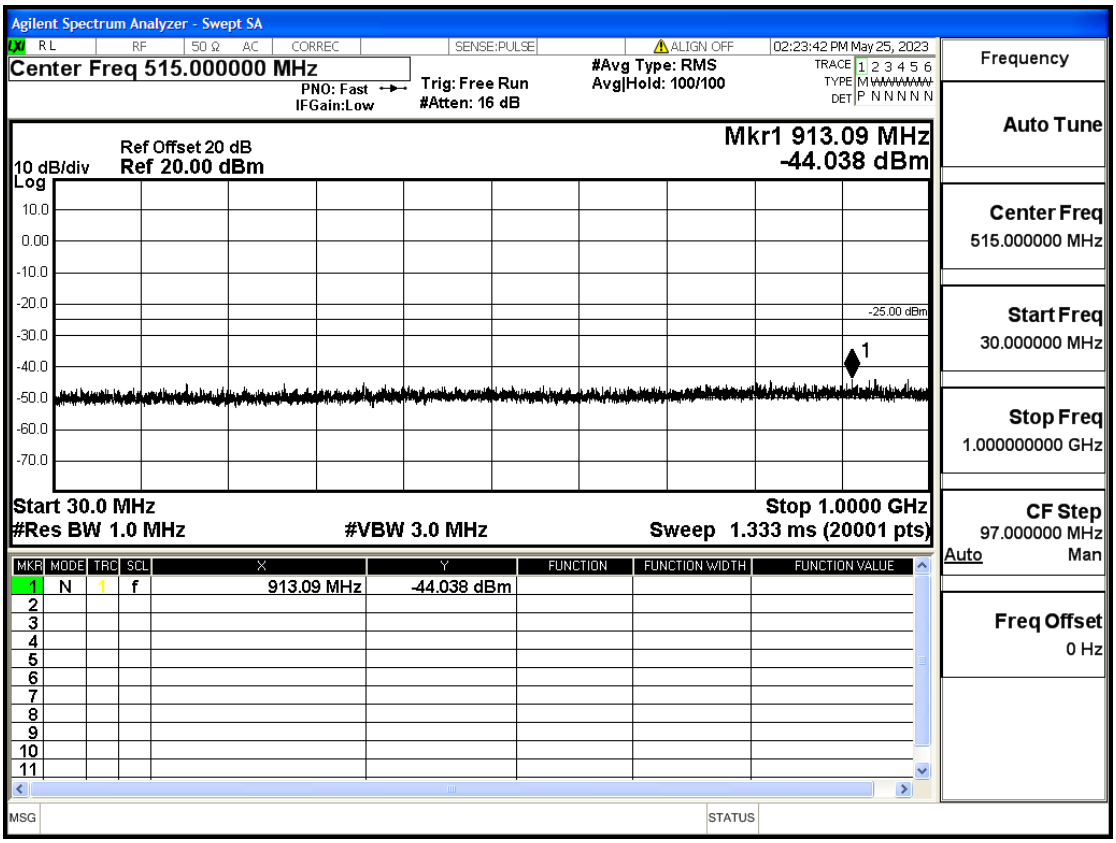
OB7-15-2507.5-Q16-75#LOW@7GHz-13.6GHz@Pass



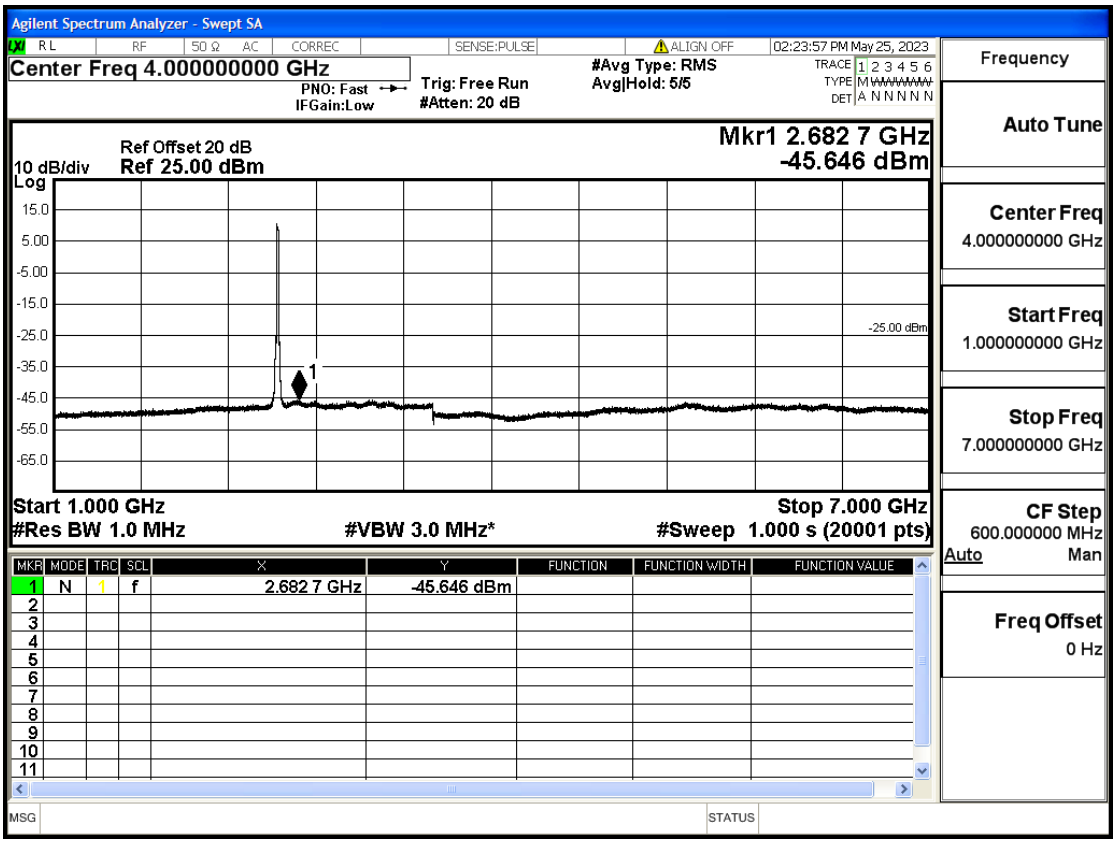
OB7-15-2507.5-Q16-75#LOW@13.6GHz-26.5GHz@Pass



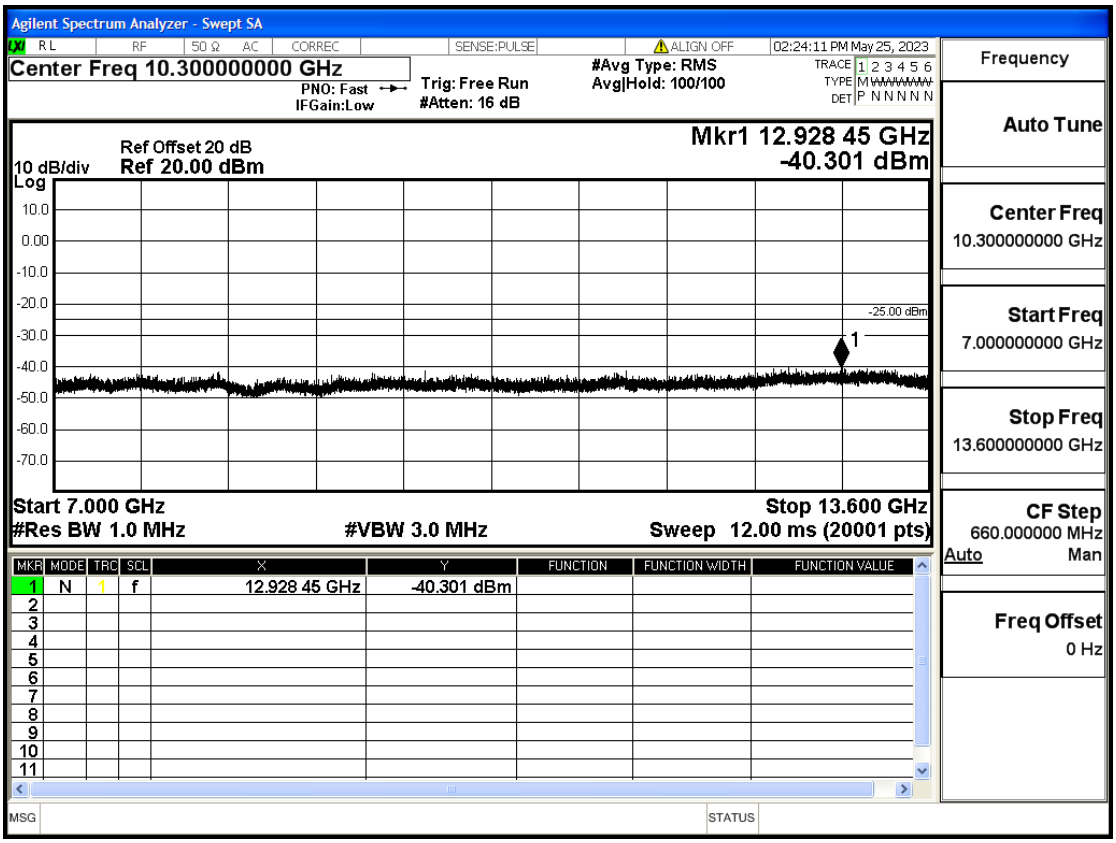
OB7-15-2535-Q16-75#LOW@30mHz-1GHz@Pass



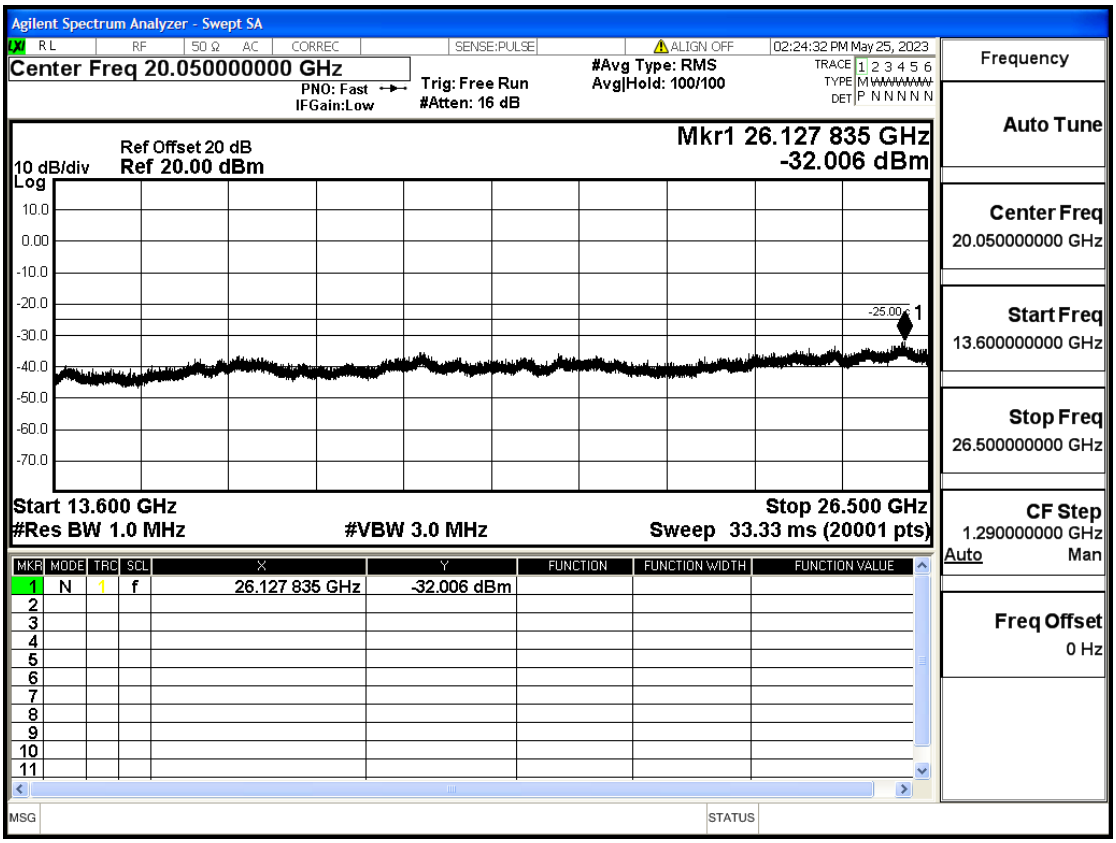
OB7-15-2535-Q16-75#LOW@1GHz-7GHz@Pass



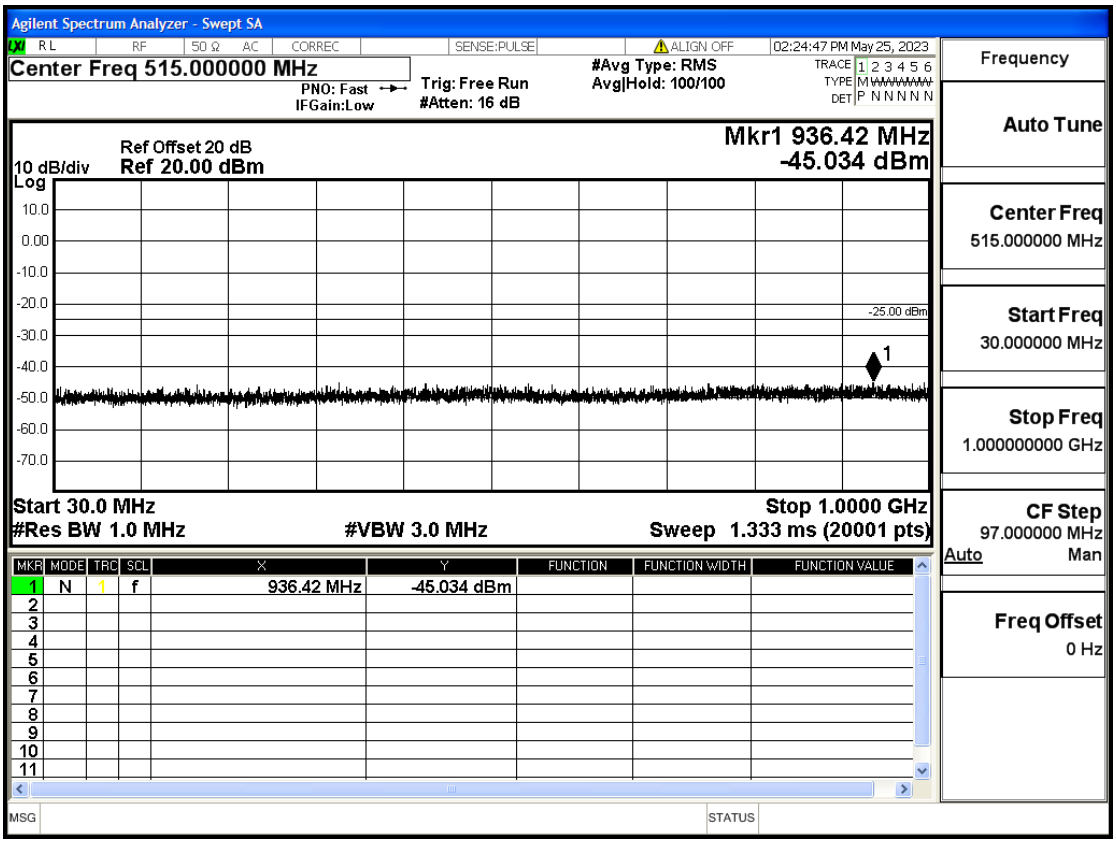
OB7-15-2535-Q16-75#LOW@7GHz-13.6GHz@Pass



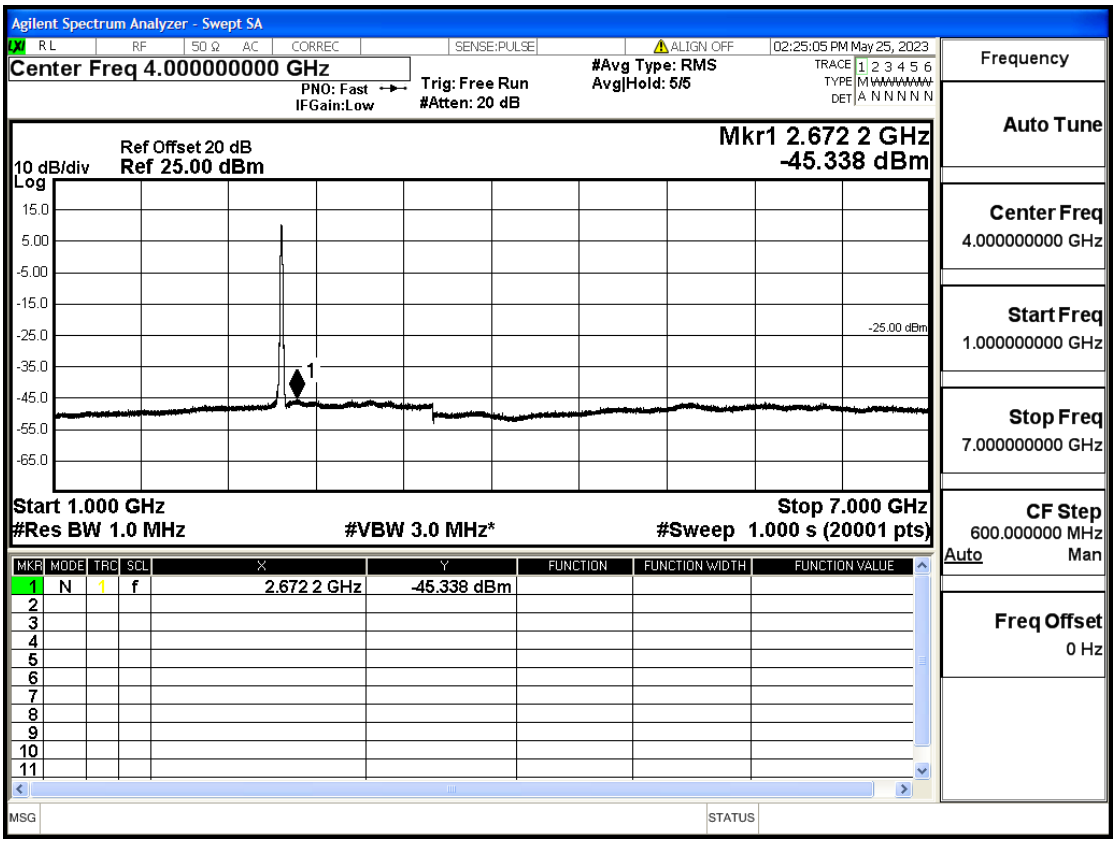
OB7-15-2535-Q16-75#LOW@13.6GHz-26.5GHz@Pass



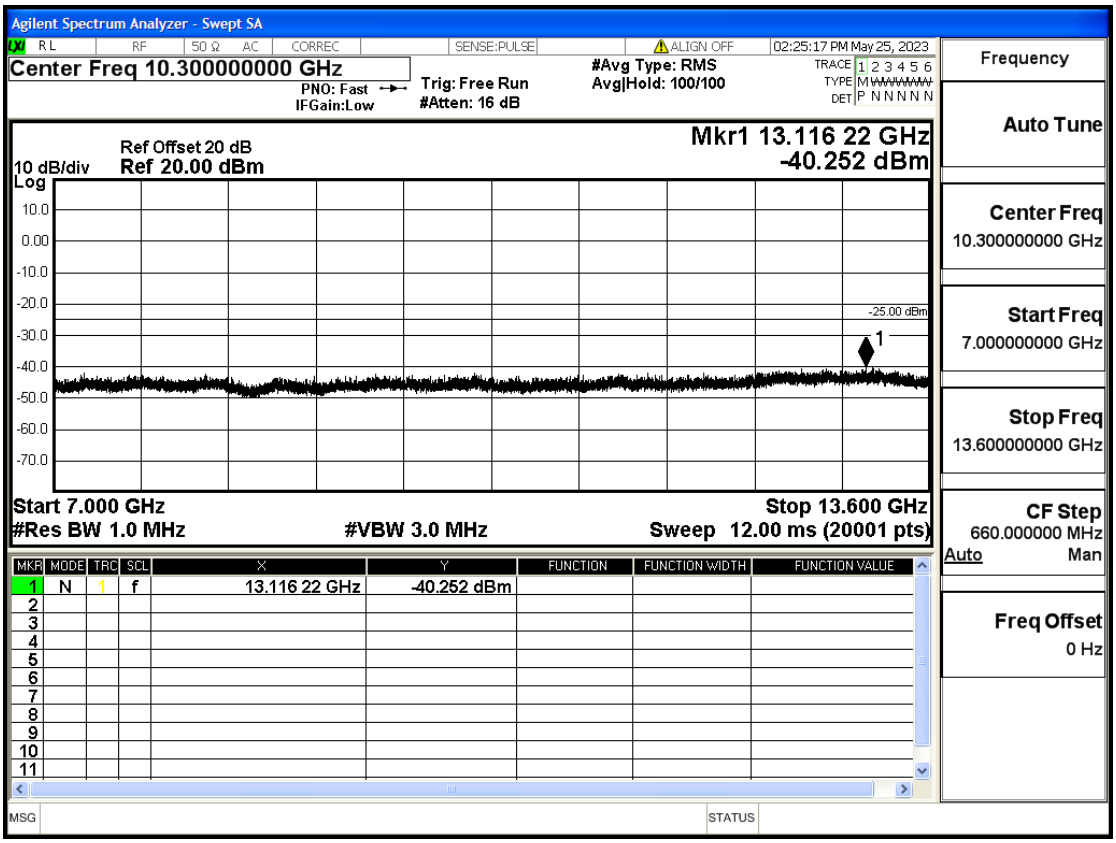
OB7-15-2562.5-Q16-75#LOW@30mHz-1GHz@Pass



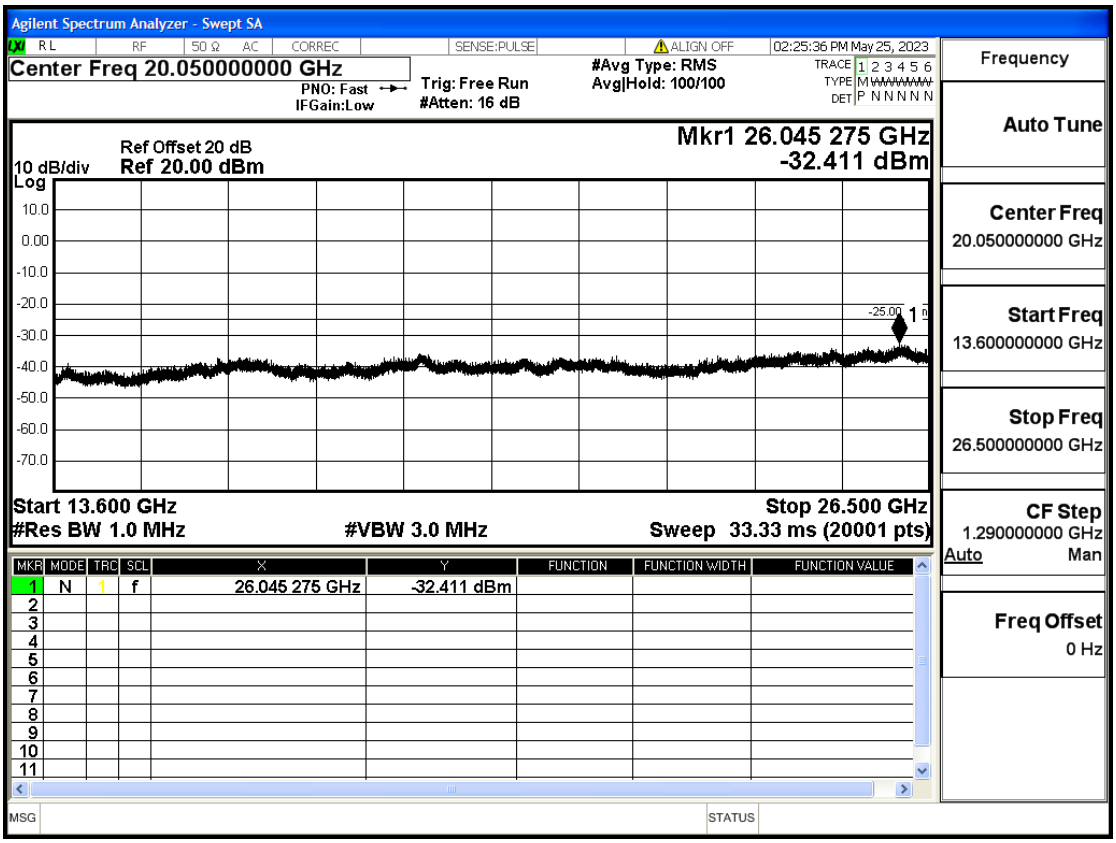
OB7-15-2562.5-Q16-75#LOW@1GHz-7GHz@Pass



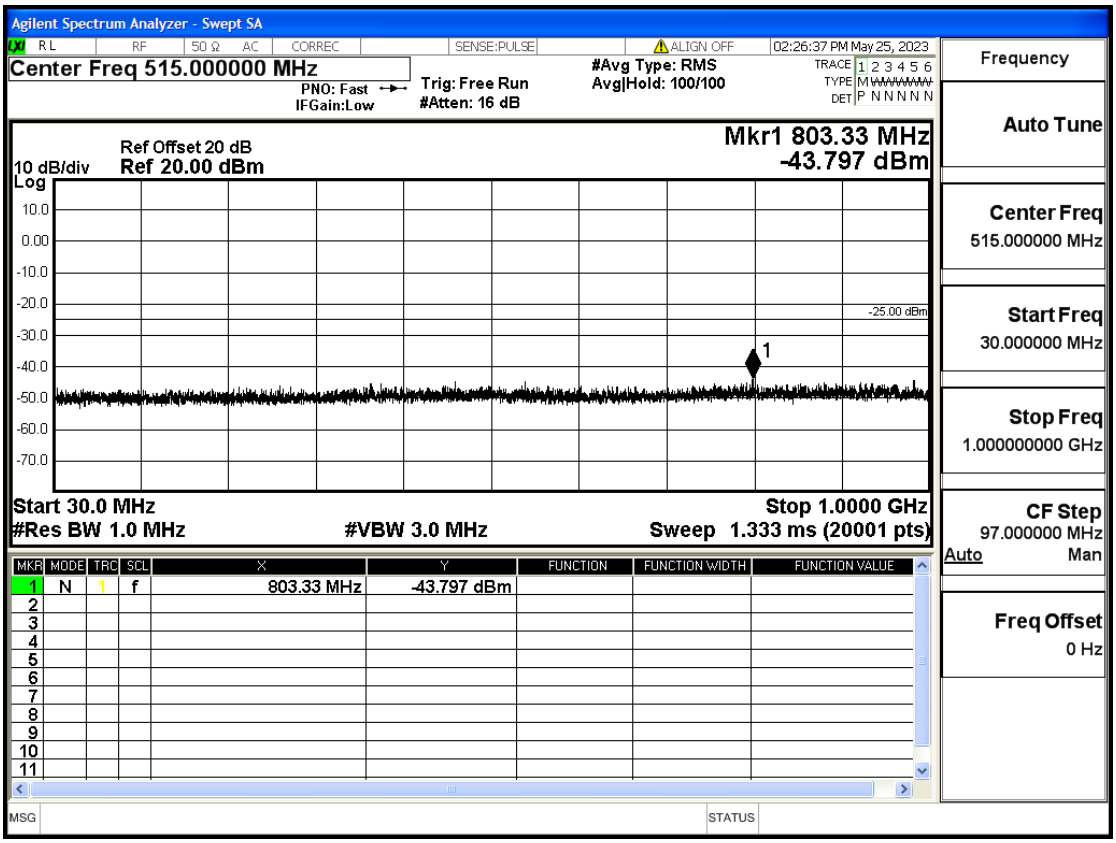
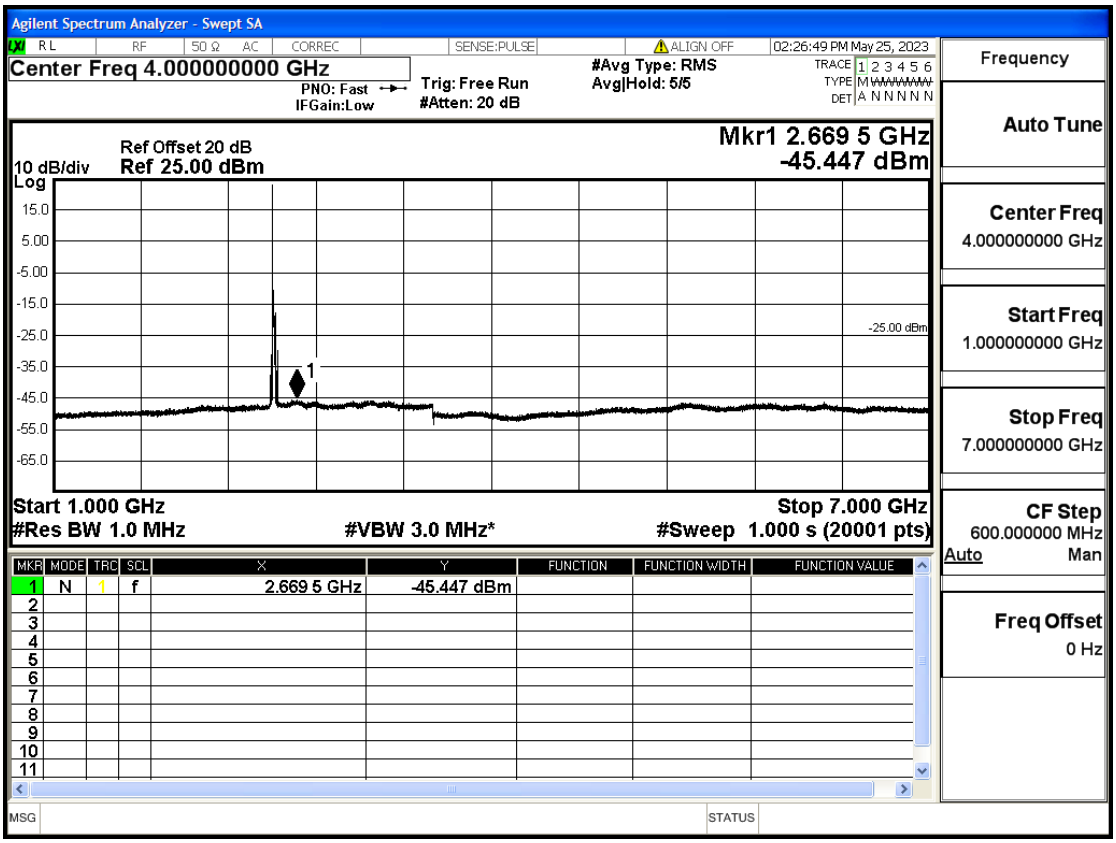
OB7-15-2562.5-Q16-75#LOW@7GHz-13.6GHz@Pass



OB7-15-2562.5-Q16-75#LOW@13.6GHz-26.5GHz@Pass



OB7-20-2510-Q16-100#LOW@30mHz-1GHz@Pass



OB7-20-2510-Q16-100#LOW@1GHz-7GHz@Pass