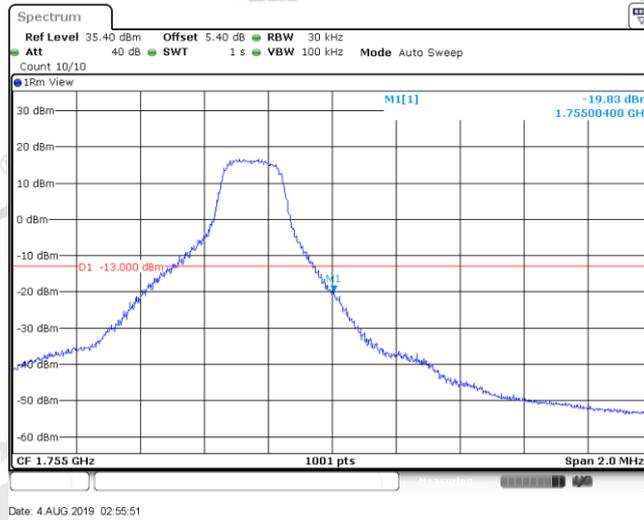


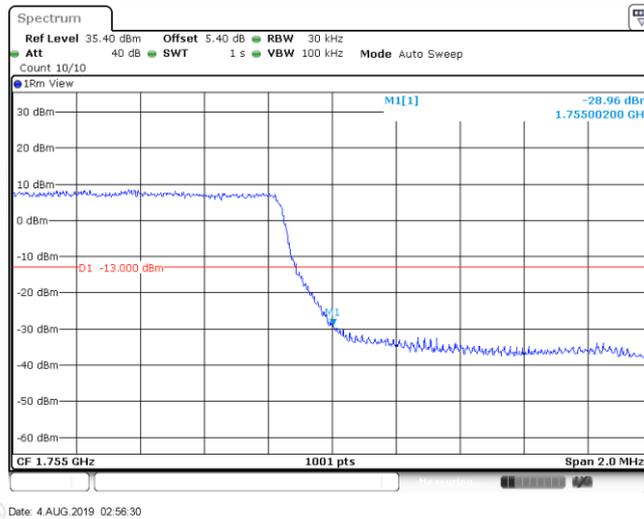
## 7. Band Edge Compliance

### 7.1. Test Plots

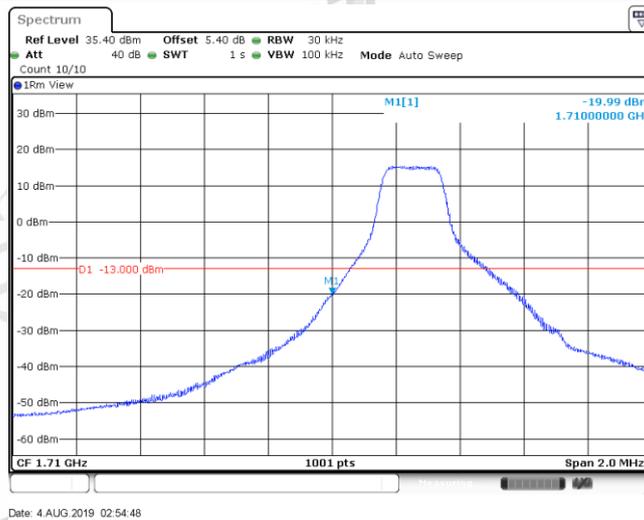




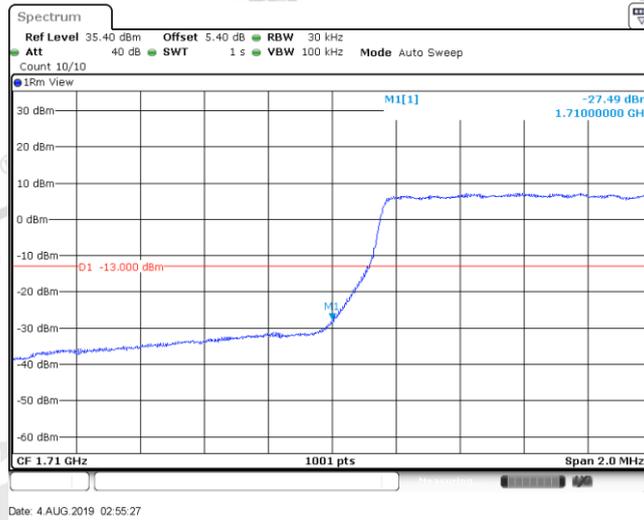
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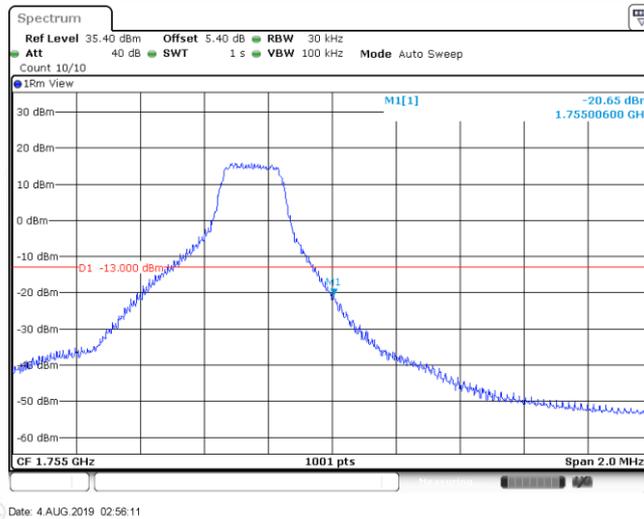
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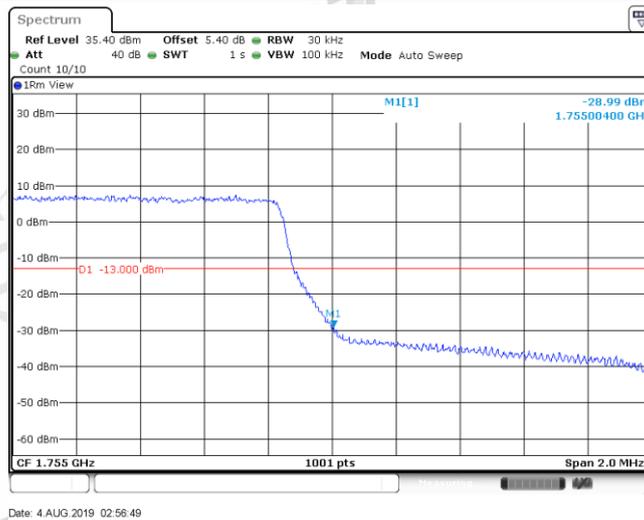
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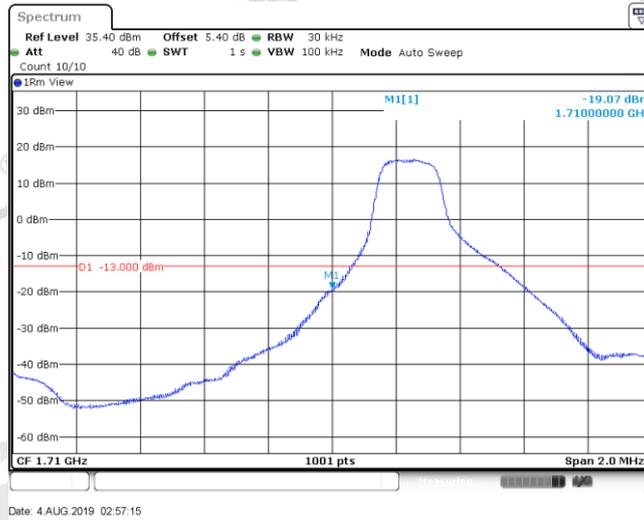
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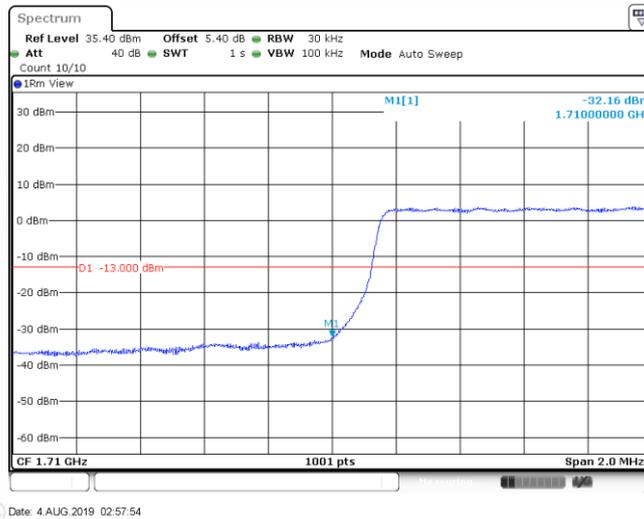
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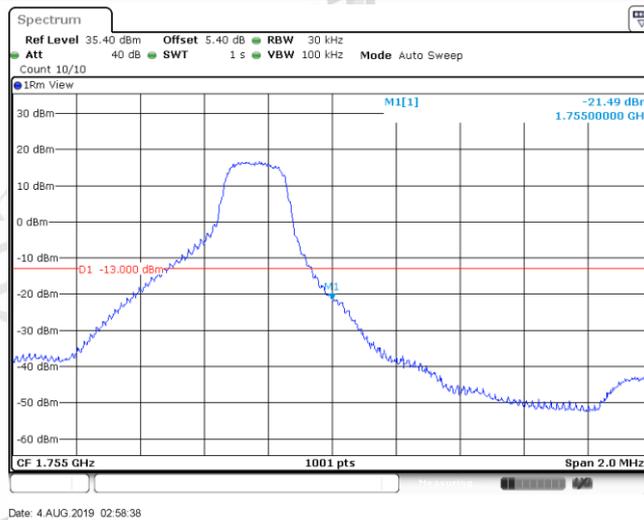
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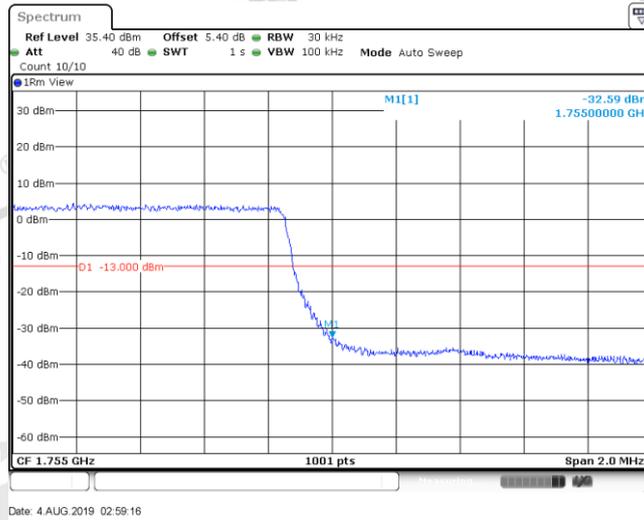
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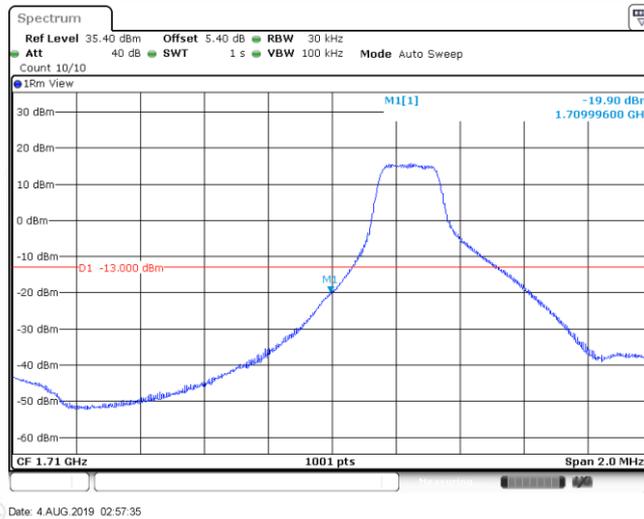
Band4\_3MHz\_QPSK\_20385\_1RB#14



Band4\_3MHz\_QPSK\_20385\_15RB#0



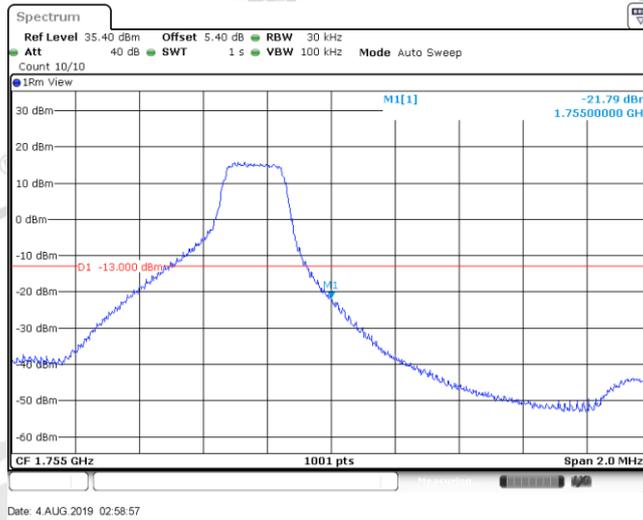
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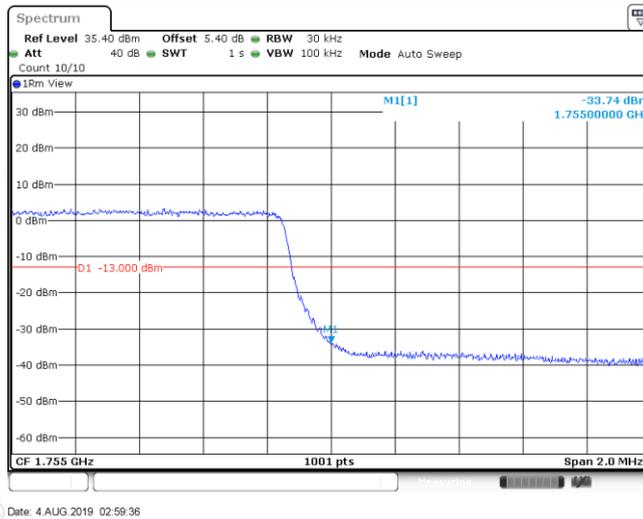
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Band4\_3MHz\_16QAM\_20385\_1RB#14



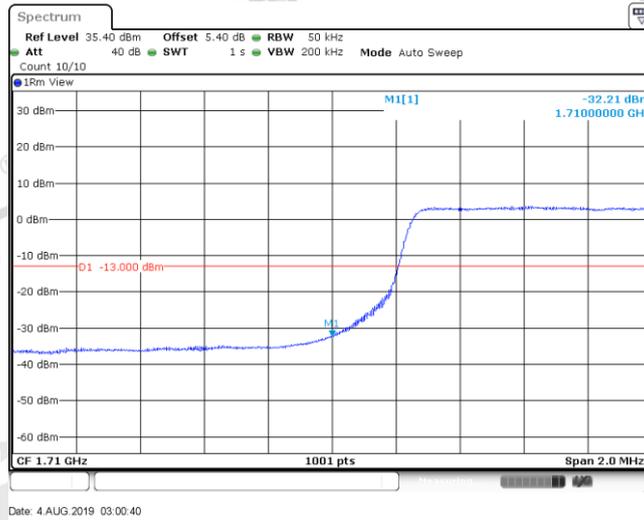
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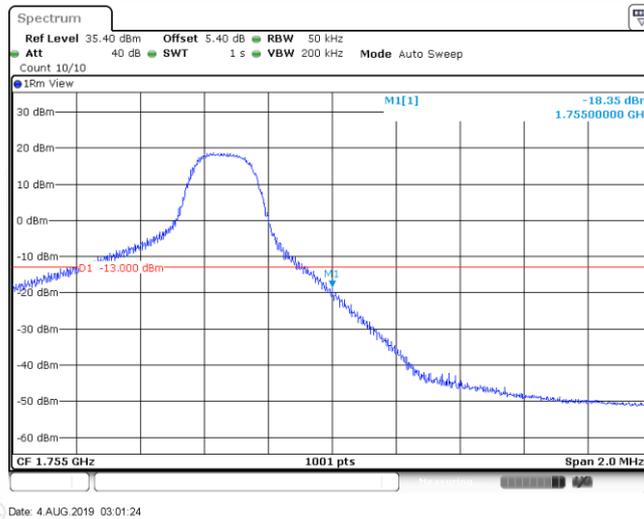
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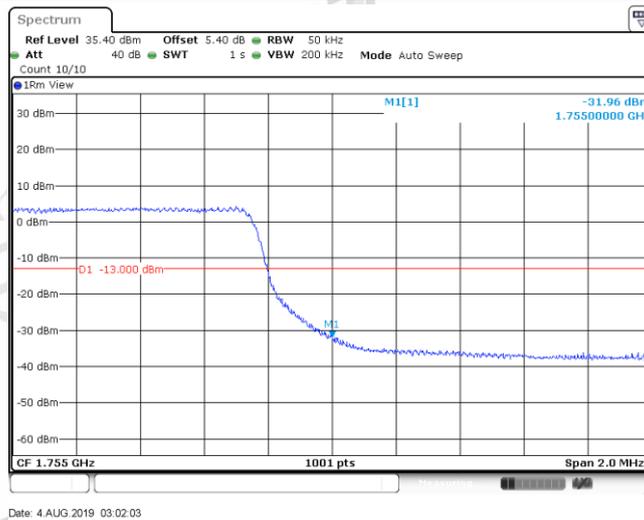
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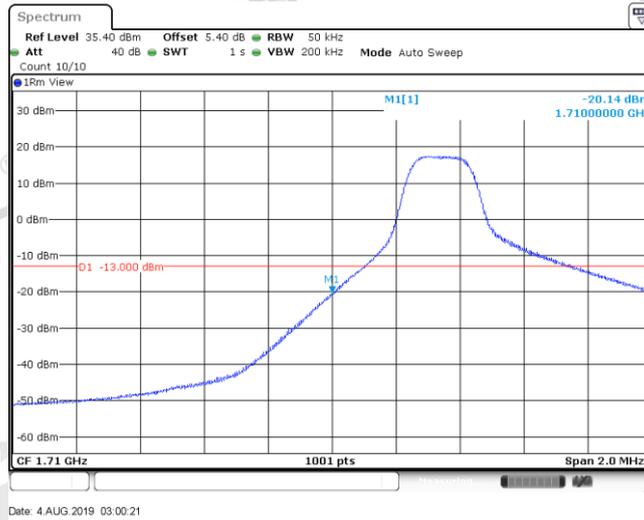
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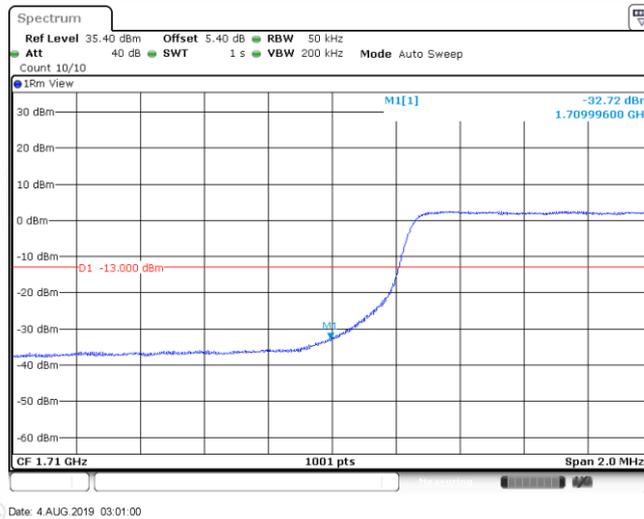
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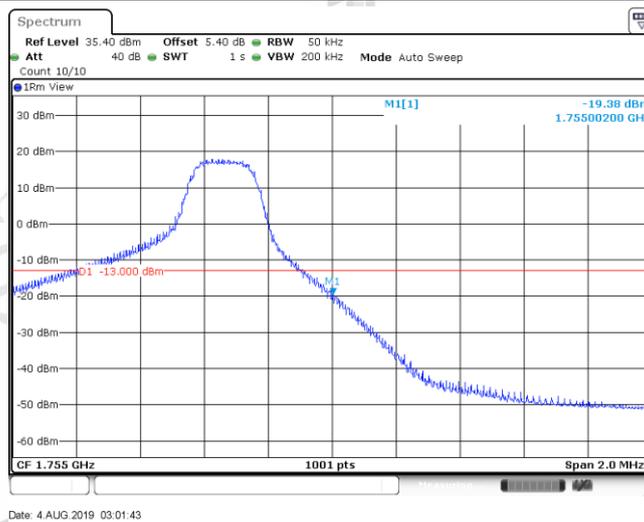
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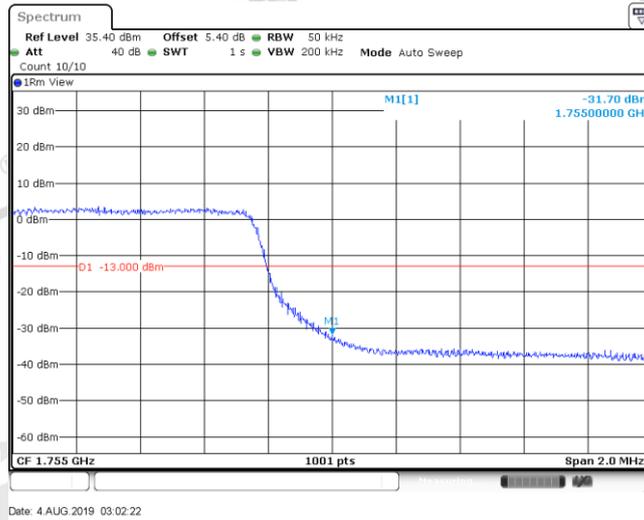
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Band4\_5MHz\_16QAM\_20375\_1RB#24



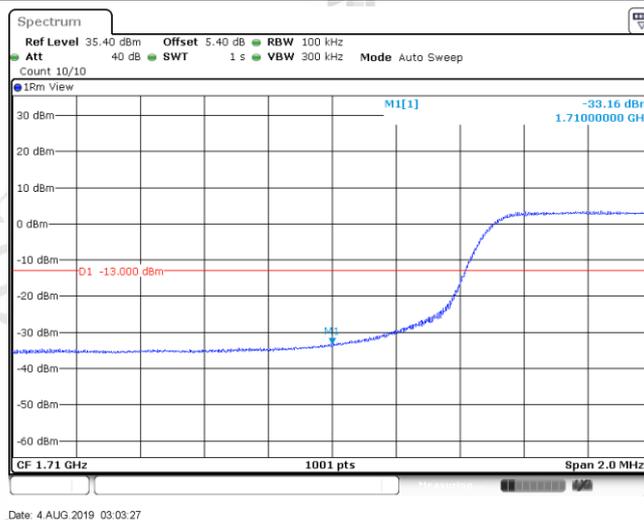
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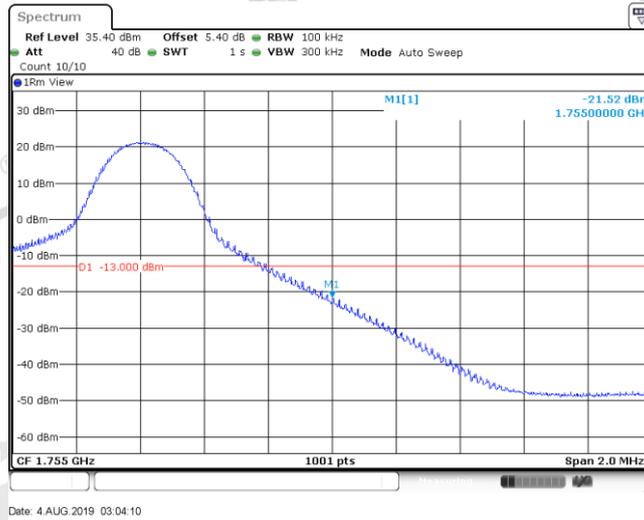
Band4\_10MHz\_QPSK\_2000\_1RB#0



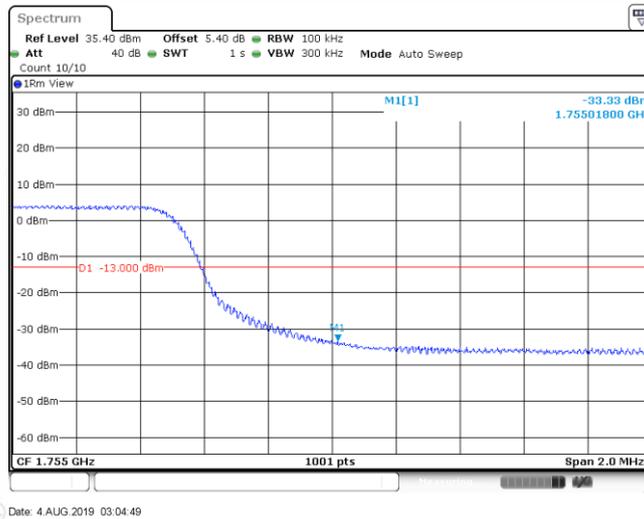
Band4\_10MHz\_QPSK\_20000\_50RB#0



Band4\_10MHz\_QPSK\_20350\_1RB#49



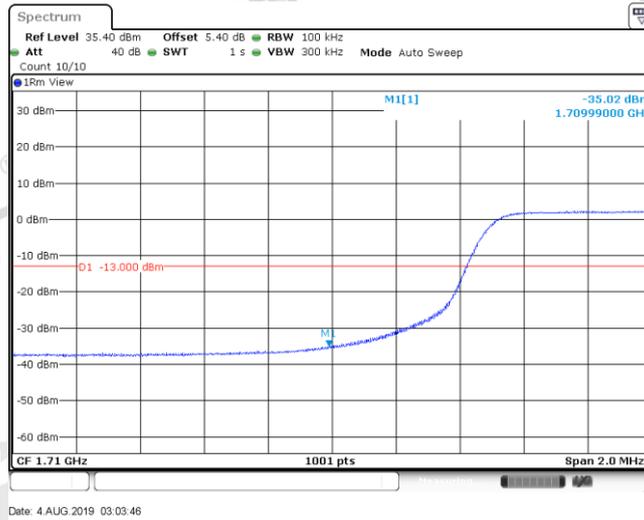
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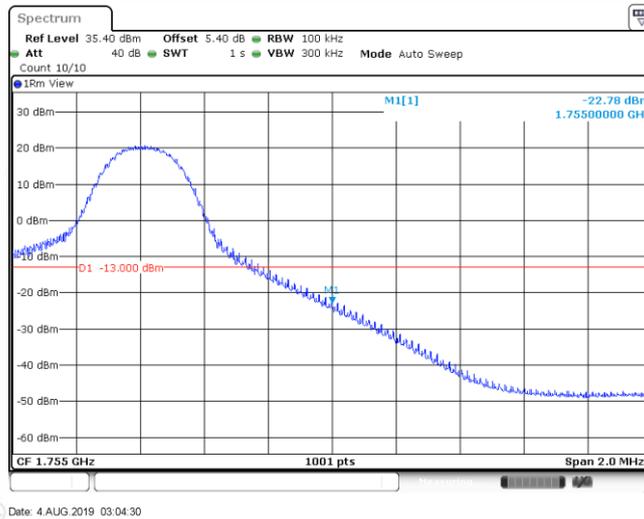
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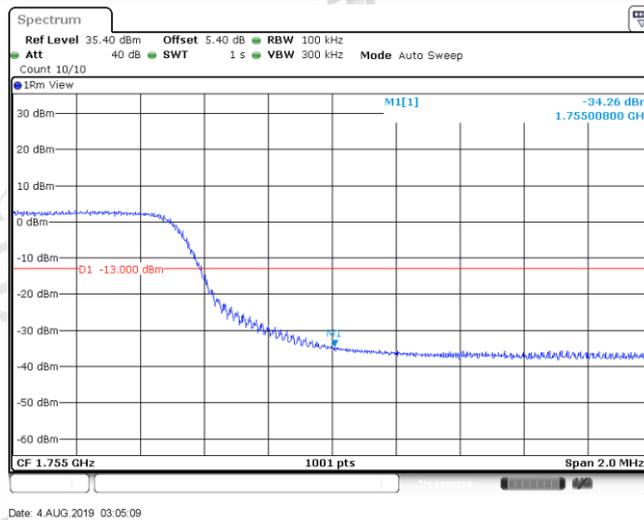
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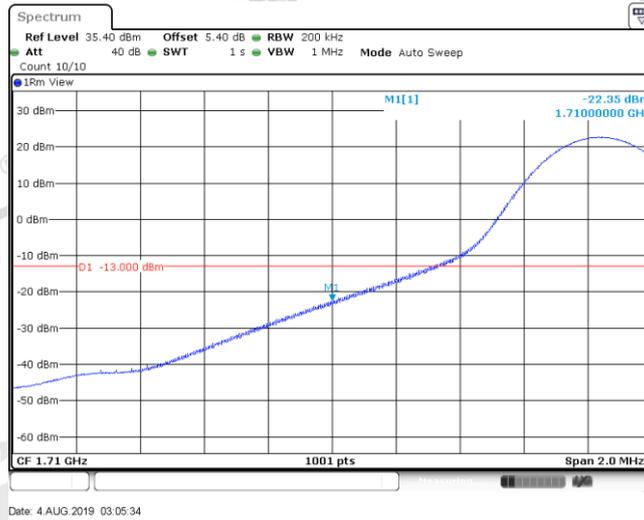
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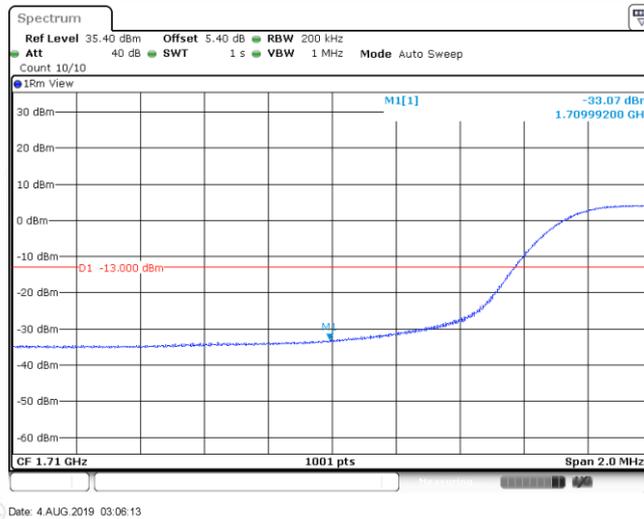
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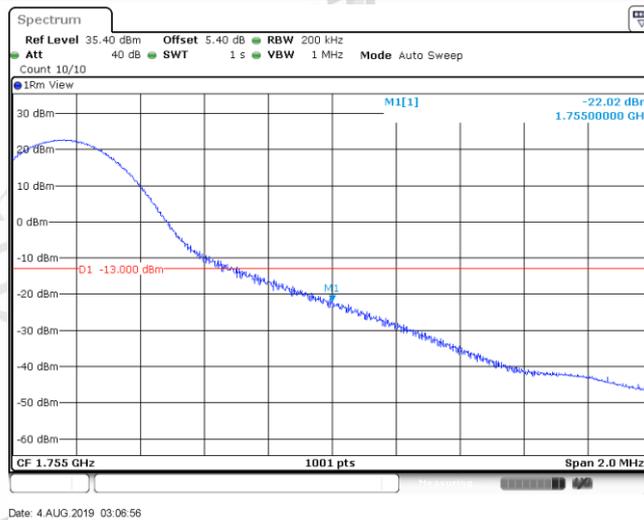
Band4\_15MHz\_QPSK\_20025\_1RB#0



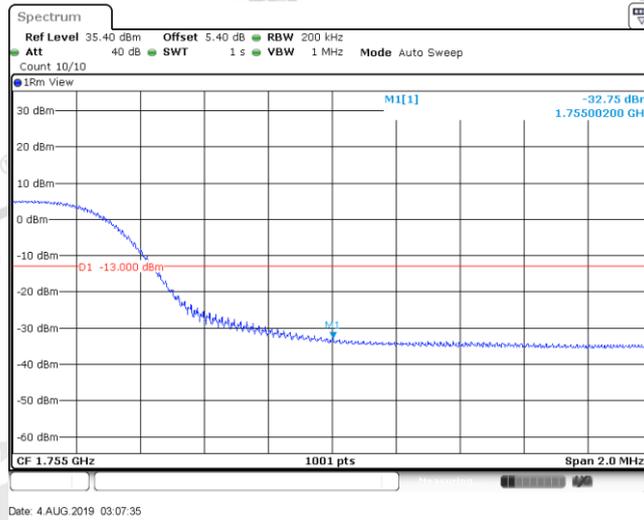
Band4\_15MHz\_QPSK\_20025\_75RB#0



Band4\_15MHz\_QPSK\_20325\_1RB#74



Band4\_15MHz\_QPSK\_20325\_75RB#0



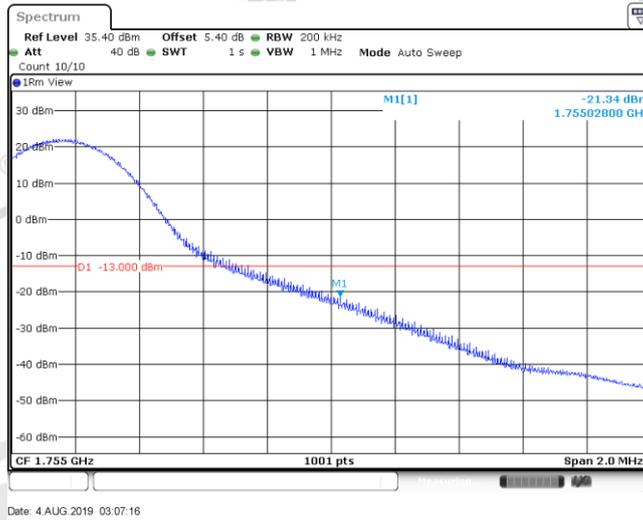
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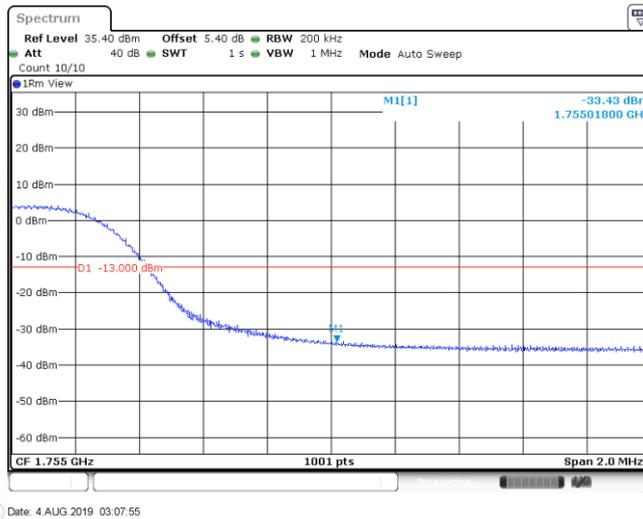
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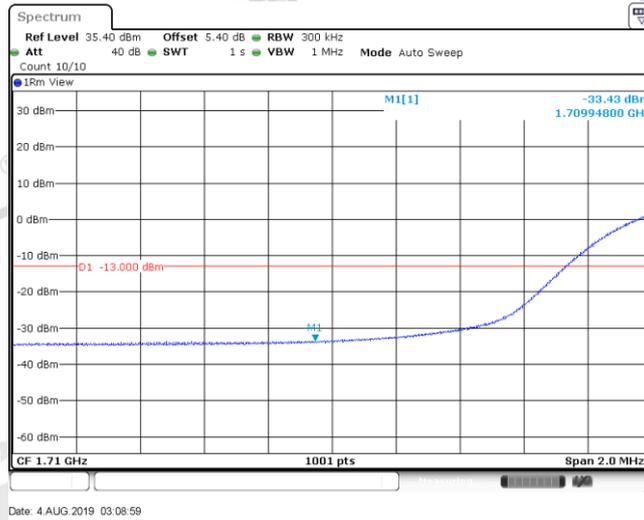
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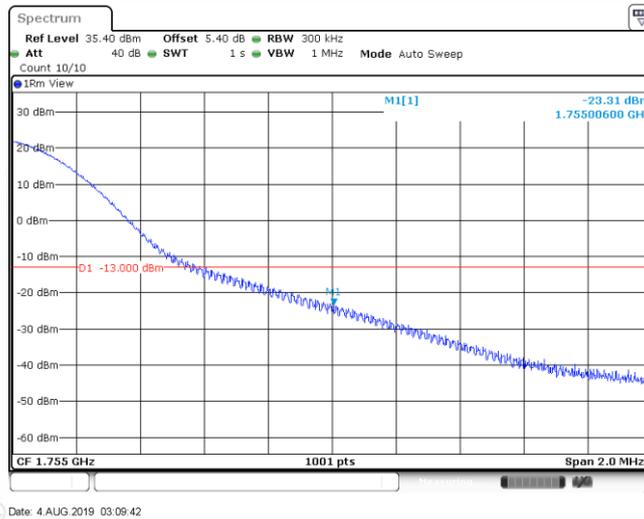
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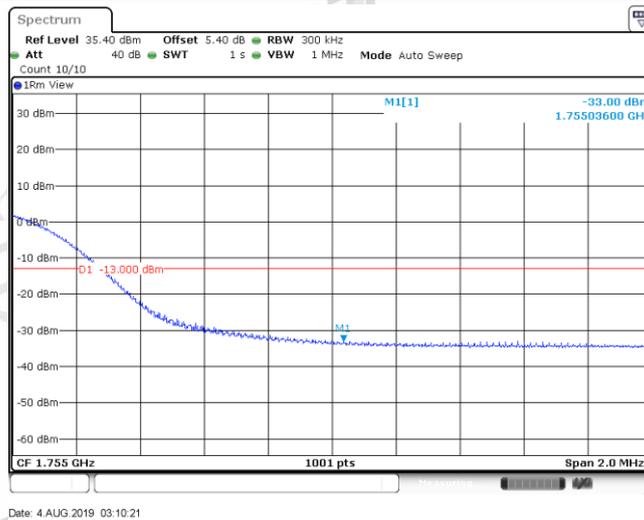
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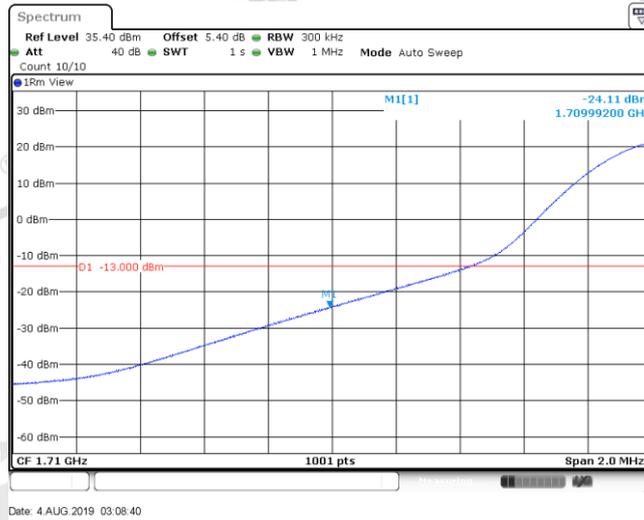
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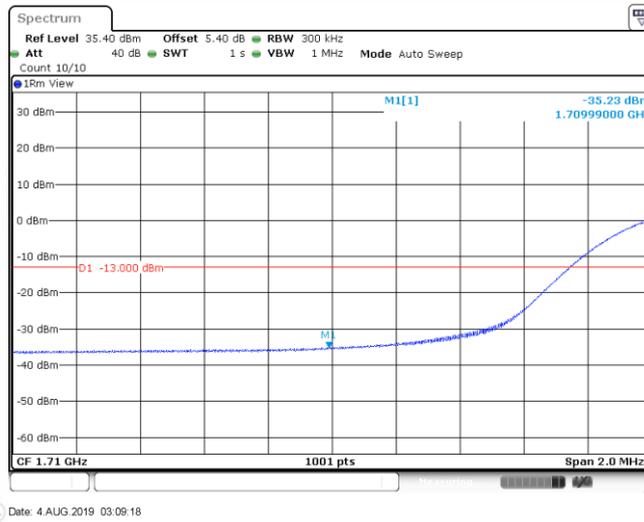
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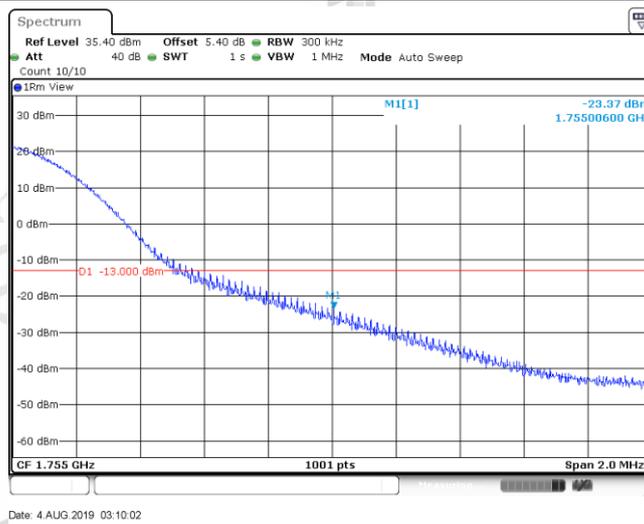
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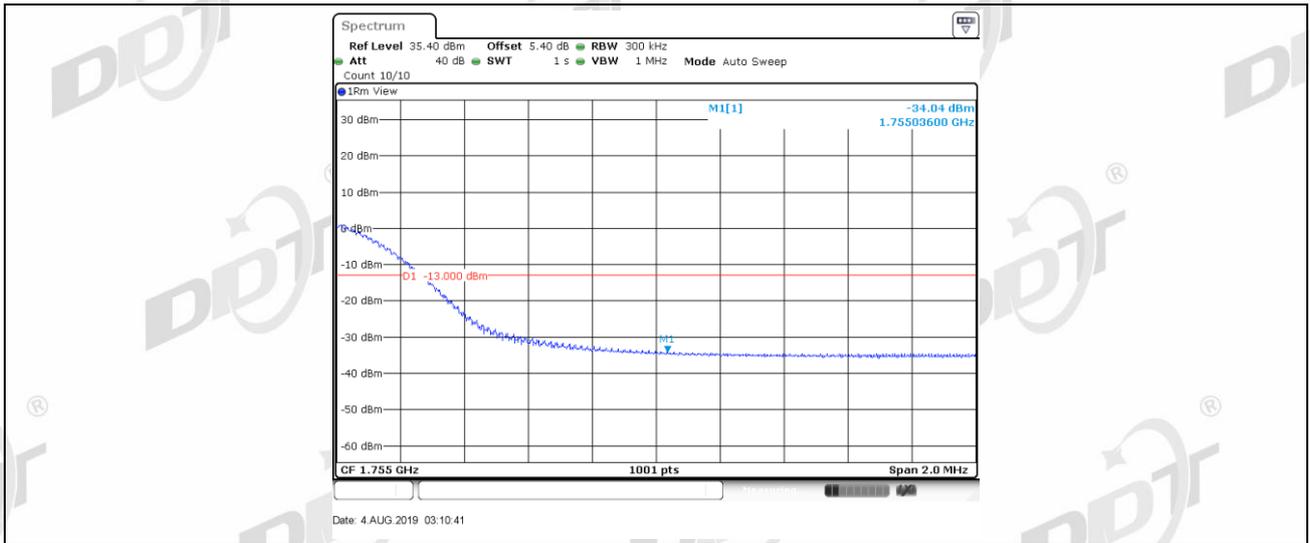
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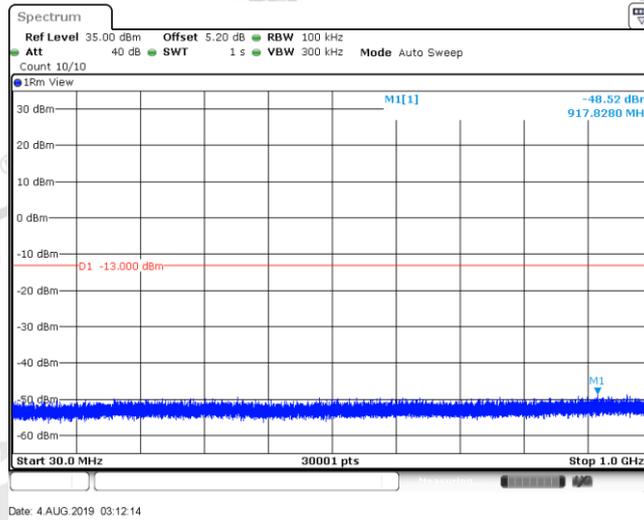
## 8. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

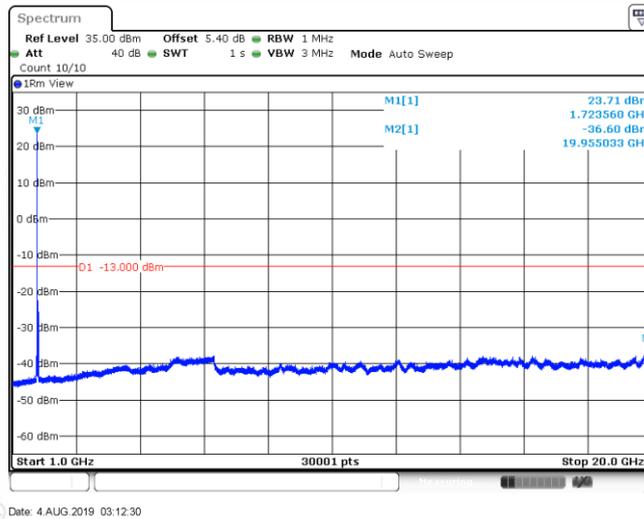
Remark2: only the worst case data displayed in this report.

### 8.1. Test Plots

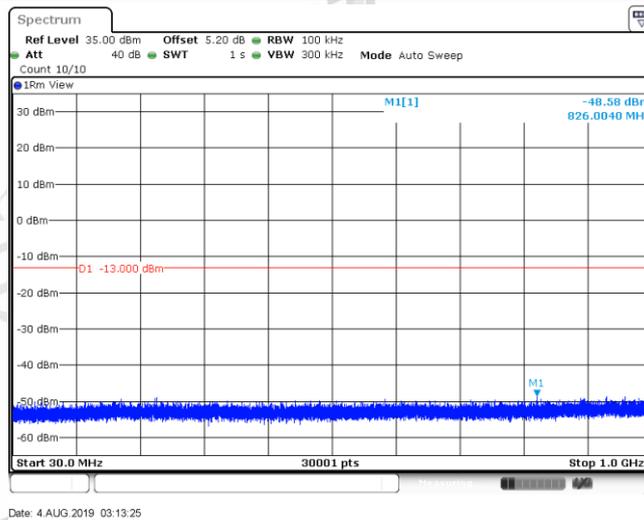




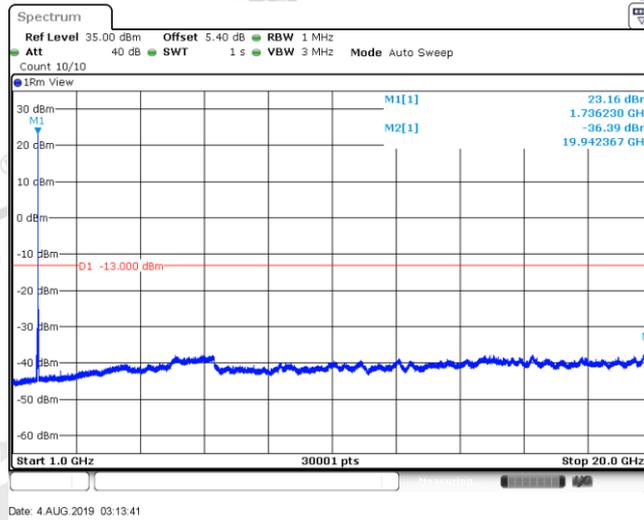
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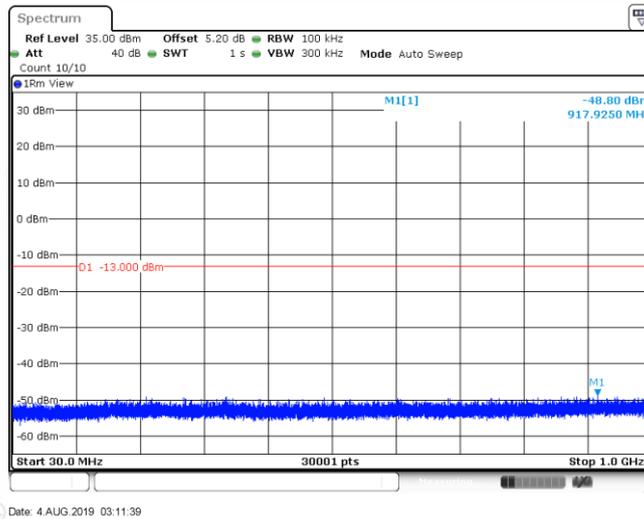
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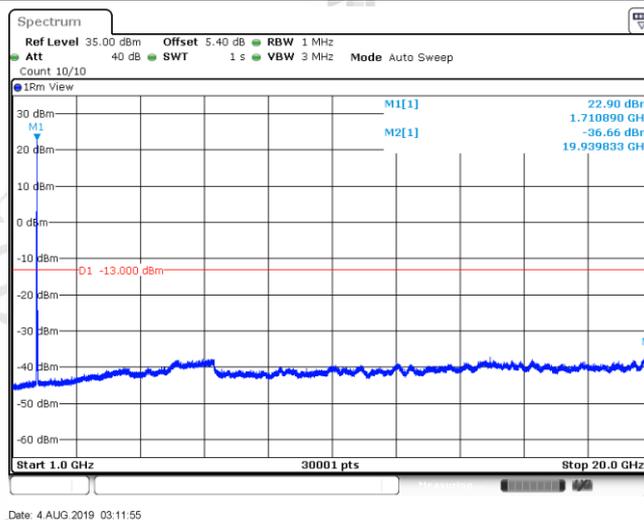
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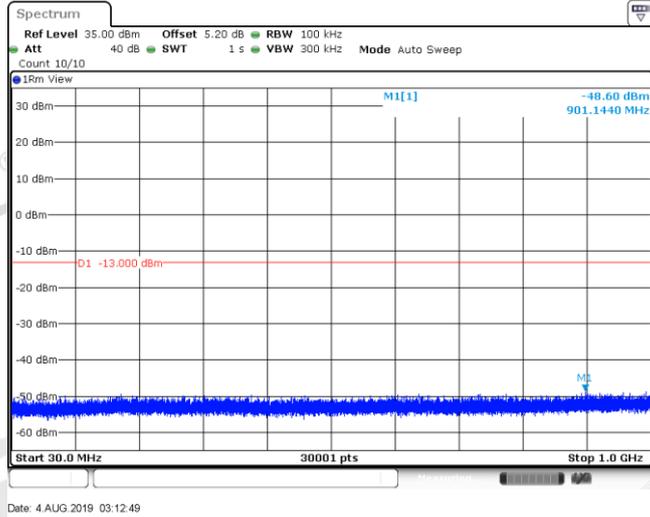
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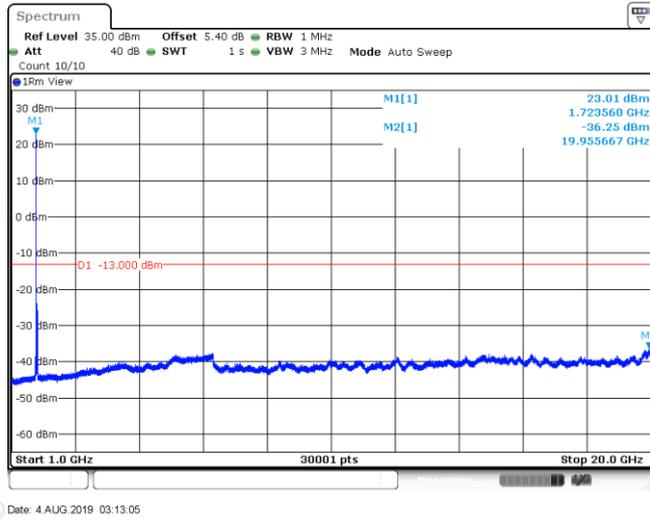
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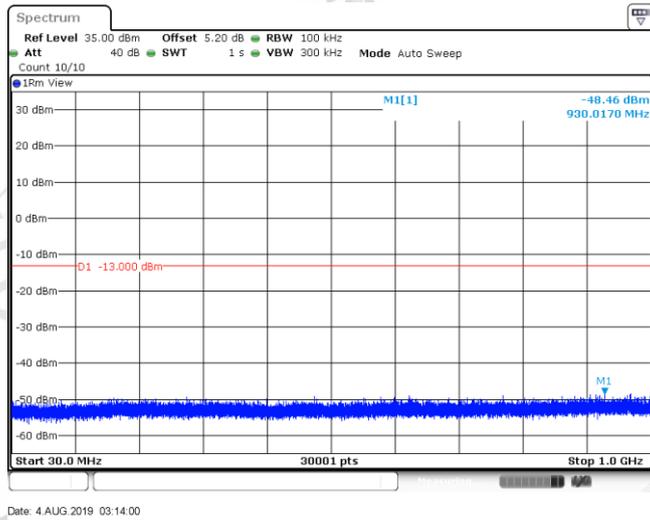
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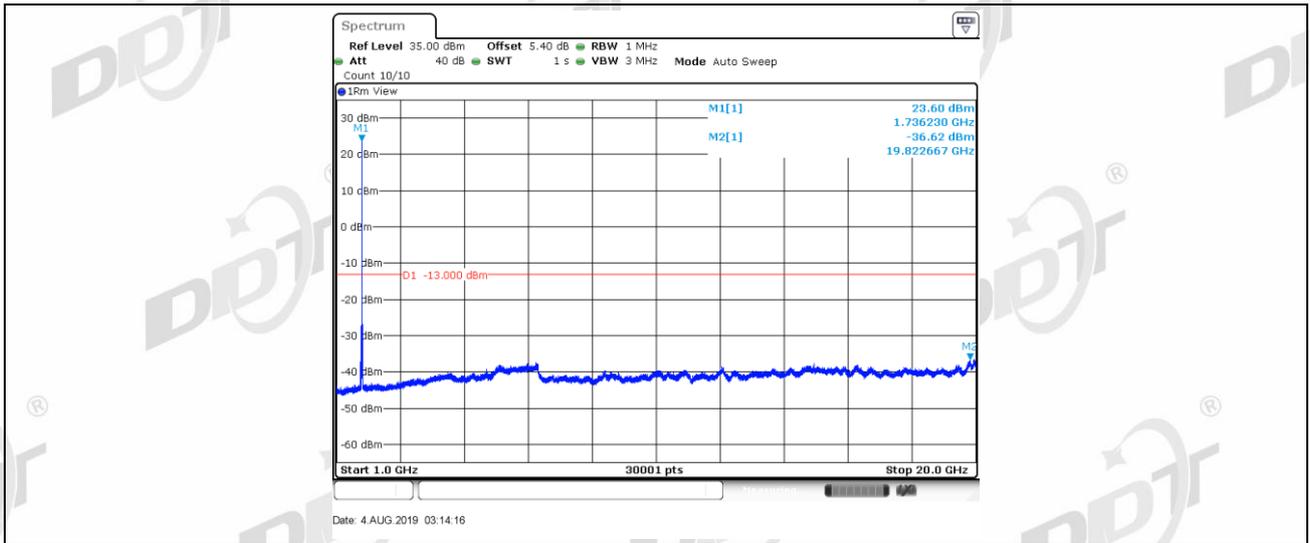
Band4\_20MHz\_16QAM\_20175\_1RB#0



Band4\_20MHz\_16QAM\_20300\_1RB#0



Band4\_20MHz\_16QAM\_20300\_1RB#0



## 9. Frequency Stability

### 9.1. Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-6.90	-0.004012	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-7.00	-0.004070	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-5.50	-0.003198	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-4.20	-0.002424	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-2.90	-0.001674	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-5.70	-0.003290	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-2.50	-0.001433	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	1.10	0.000630	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-9.20	-0.005349	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-1.10	-0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-5.20	-0.003023	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-9.10	-0.005253	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	0.40	0.000231	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-5.70	-0.003290	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	0.90	0.000516	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-1.10	-0.000630	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-4.00	-0.002292	±2.5	PASS

## 9.2. Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-3.20	-0.001860	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-2.70	-0.001570	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-9.20	-0.005349	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-3.10	-0.001802	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-1.50	-0.000872	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-0.40	-0.000233	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-3.70	-0.002151	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-3.40	-0.001977	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-9.20	-0.005310	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-11.50	-0.006638	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-5.80	-0.003348	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-7.10	-0.004098	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-5.90	-0.003405	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-5.60	-0.003232	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-7.90	-0.004560	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-5.20	-0.003001	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-1.10	-0.000630	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	1.30	0.000745	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	1.10	0.000630	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	2.20	0.001261	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-3.80	-0.002178	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-5.40	-0.003095	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-3.70	-0.002151	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-6.80	-0.003953	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-4.20	-0.002442	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-1.10	-0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-4.40	-0.002558	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-6.90	-0.004012	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-2.20	-0.001279	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-3.60	-0.002078	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-2.30	-0.001328	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-5.90	-0.003405	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-6.30	-0.003636	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-3.00	-0.001732	±2.5	PASS

Band4	20MHz	16QAM	20175	100RB#0	NV	50	-10.10	-0.005830	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-5.20	-0.002980	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	0.10	0.000057	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-5.70	-0.003266	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-0.70	-0.000401	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-2.70	-0.001547	±2.5	PASS

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The End