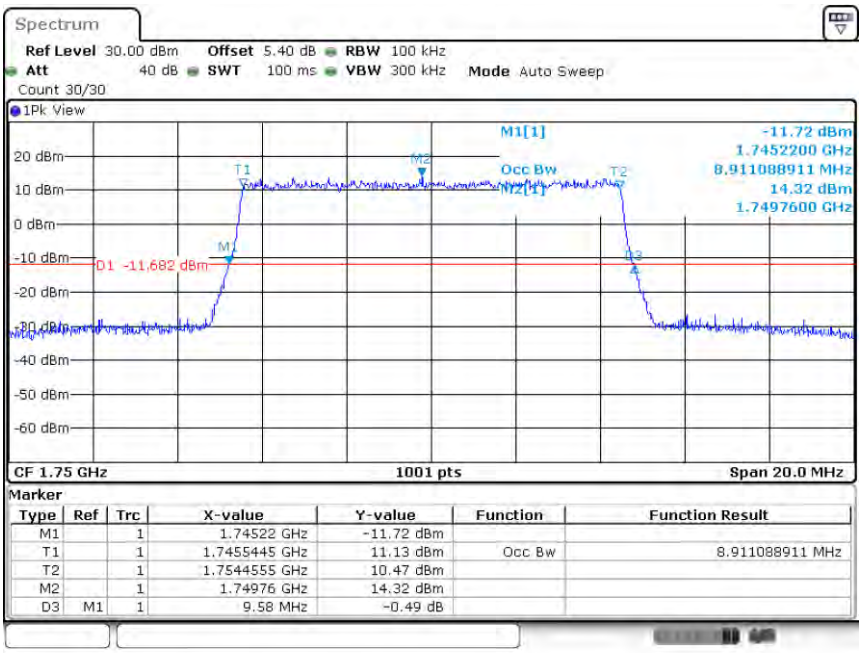
Band4-10MHz-64QAM-20350-50RB#0-8.911



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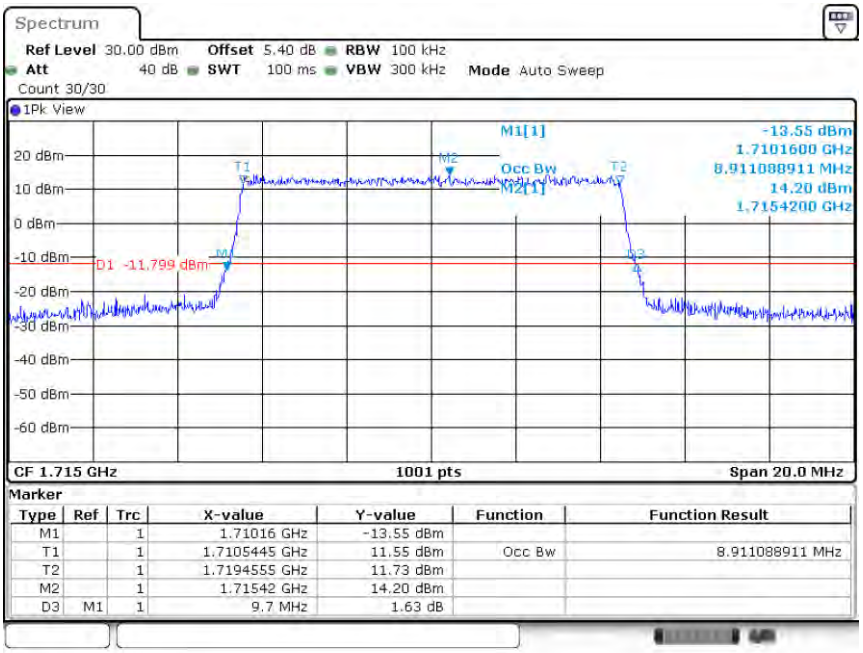
Band4-10MHz-16QAM-20000-50RB#0-8.911



Date: 14.APR.2021 03:29:49

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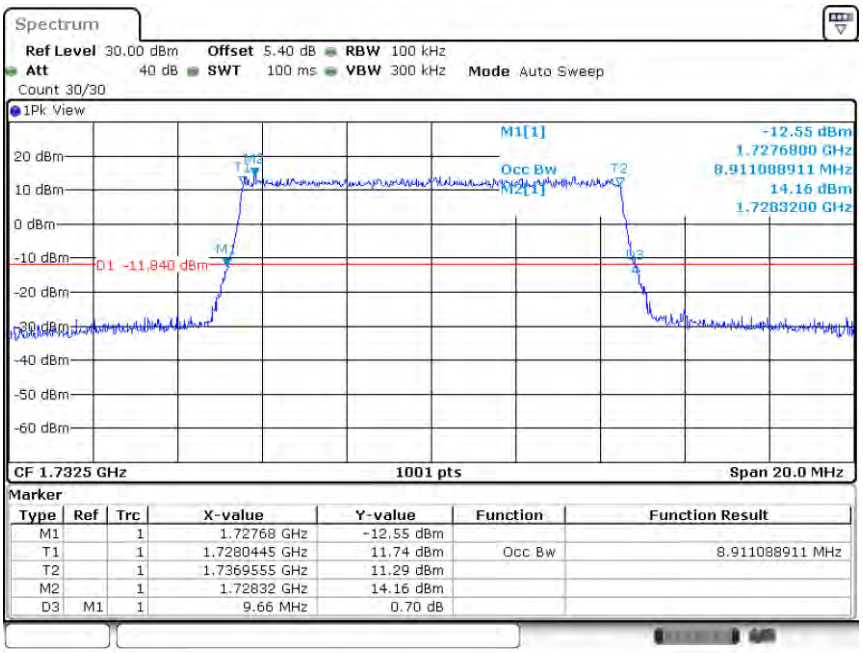
Band4-10MHz-16QAM-20175-50RB#0-8.911



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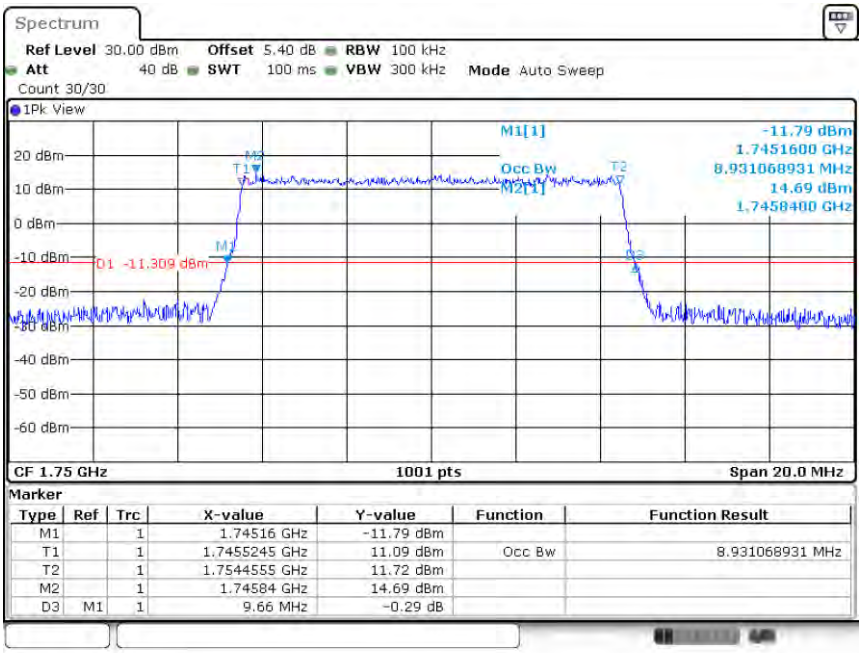
Band4-10MHz-16QAM-20350-50RB#0-8.931



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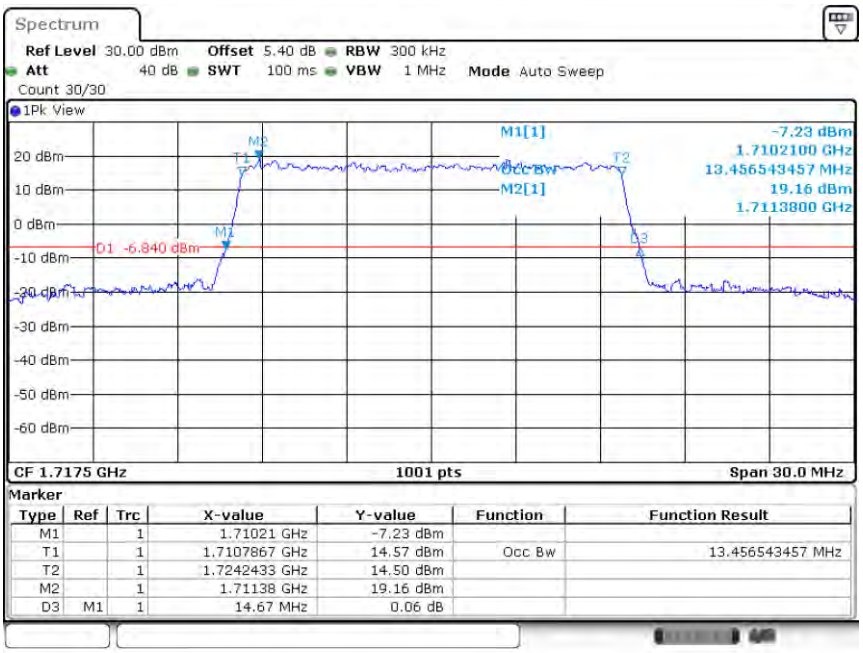
Band4-15MHz-QPSK-20025-75RB#0-13.457

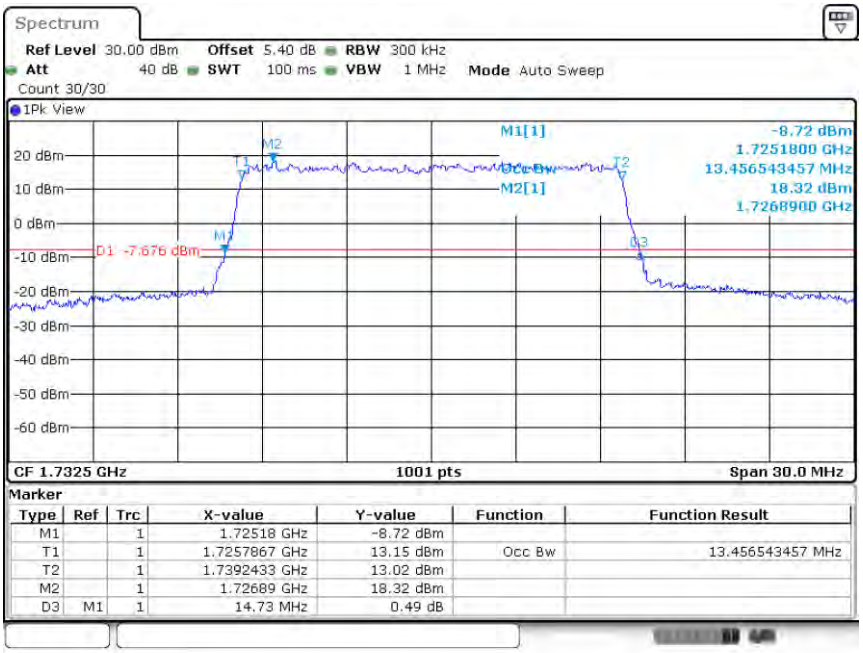


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71021 GHz	-7.23 dBm		
T1		1	1.7107867 GHz	14.57 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7242433 GHz	14.50 dBm		
M2		1	1.71138 GHz	19.16 dBm		
D3	M1	1	14.67 MHz	0.06 dB		

Date: 14.APR.2021 03:30:59

Band4-15MHz-QPSK-20175-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72518 GHz	-8.72 dBm		
T1		1	1.7257867 GHz	13.15 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7392433 GHz	13.02 dBm		
M2		1	1.72689 GHz	18.32 dBm		
D3	M1	1	14.73 MHz	0.49 dB		

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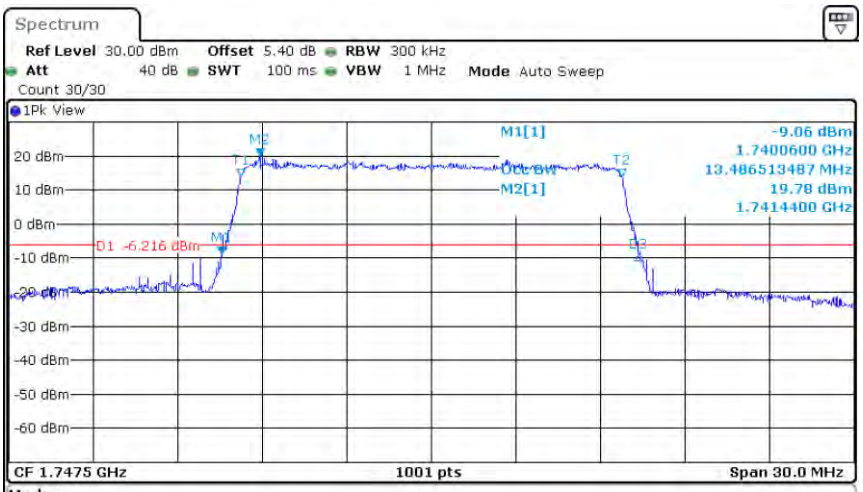
Band4-15MHz-QPSK-20325-75RB#0-13.487



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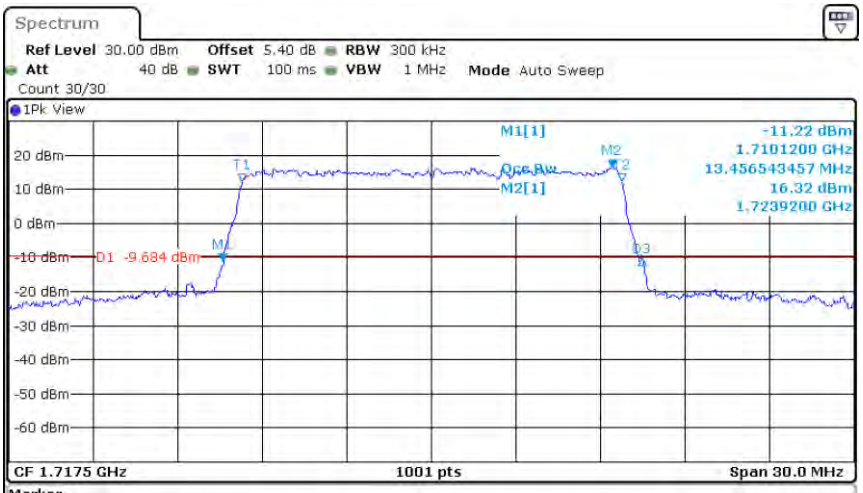
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74006 GHz	-9.06 dBm		
T1		1	1.7407567 GHz	13.92 dBm	Occ Bw	13.486513487 MHz
T2		1	1.7542433 GHz	13.83 dBm		
M2		1	1.74144 GHz	19.78 dBm		
D3	M1	1	14.79 MHz	0.36 dB		

Date: 14.APR.2021 03:31:51

Band4-15MHz-64QAM-20025-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71012 GHz	-11.22 dBm		
T1		1	1.7107867 GHz	12.35 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7242433 GHz	12.14 dBm		
M2		1	1.72392 GHz	16.32 dBm		
D3	M1	1	14.85 MHz	0.99 dB		

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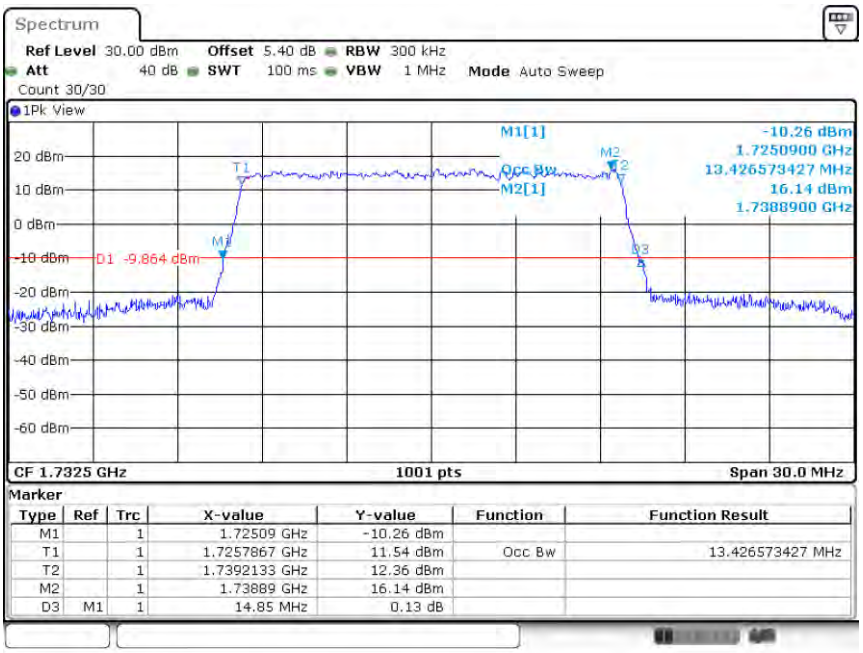
Band4-15MHz-64QAM-20175-75RB#0-13.427



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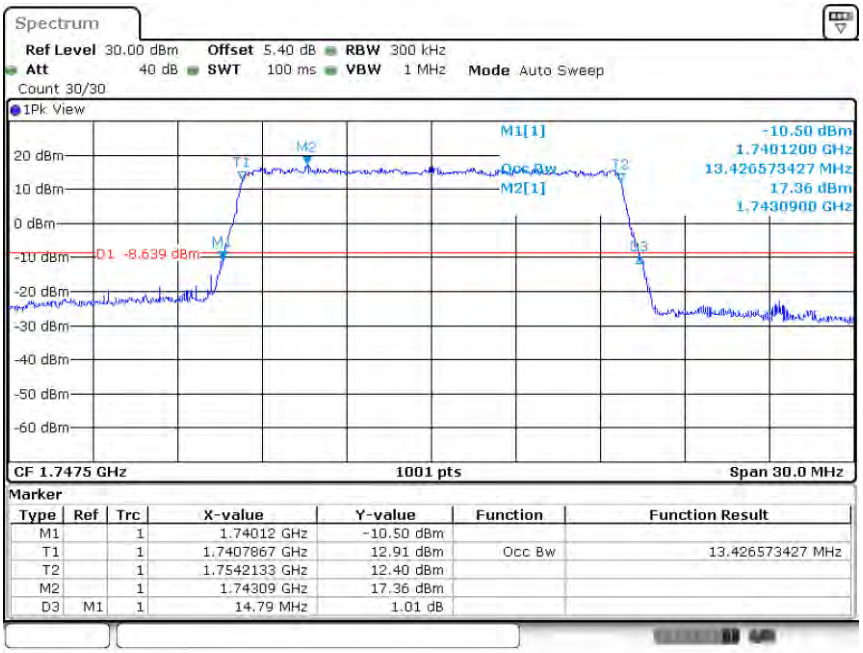
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72509 GHz	-10.26 dBm		
T1		1	1.7257867 GHz	11.54 dBm	Occ Bw	13.426573427 MHz
T2		1	1.7392133 GHz	12.36 dBm		
M2		1	1.73889 GHz	16.14 dBm		
D3	M1	1	14.85 MHz	0.13 dB		

Date: 14.APR.2021 04:39:10

Band4-15MHz-64QAM-20325-75RB#0-13.427



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74012 GHz	-10.50 dBm		
T1		1	1.7407867 GHz	12.91 dBm	Occ Bw	13.426573427 MHz
T2		1	1.7542133 GHz	12.40 dBm		
M2		1	1.74309 GHz	17.36 dBm		
D3	M1	1	14.79 MHz	1.01 dB		

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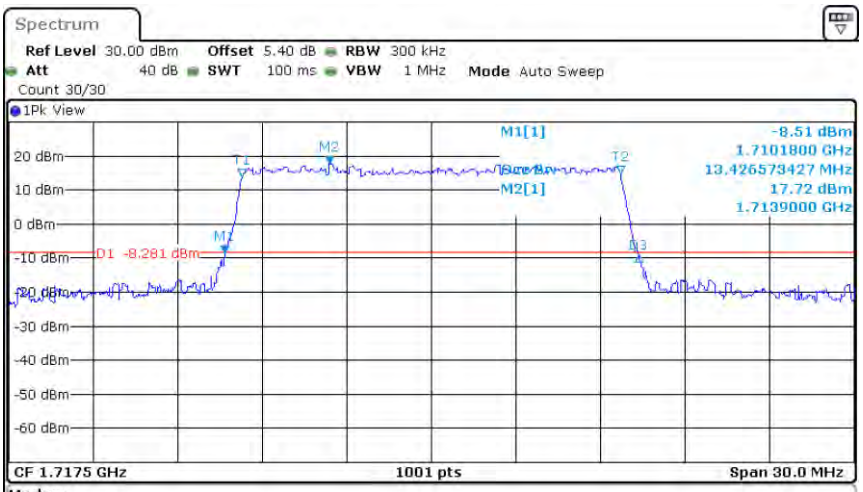
Band4-15MHz-16QAM-20025-75RB#0-13.427



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71018 GHz	-8.51 dBm		
T1		1	1.7107867 GHz	13.98 dBm	Occ Bw	13.426573427 MHz
T2		1	1.7242133 GHz	14.84 dBm		
M2		1	1.7139 GHz	17.72 dBm		
D3	M1	1	14.67 MHz	-0.54 dB		

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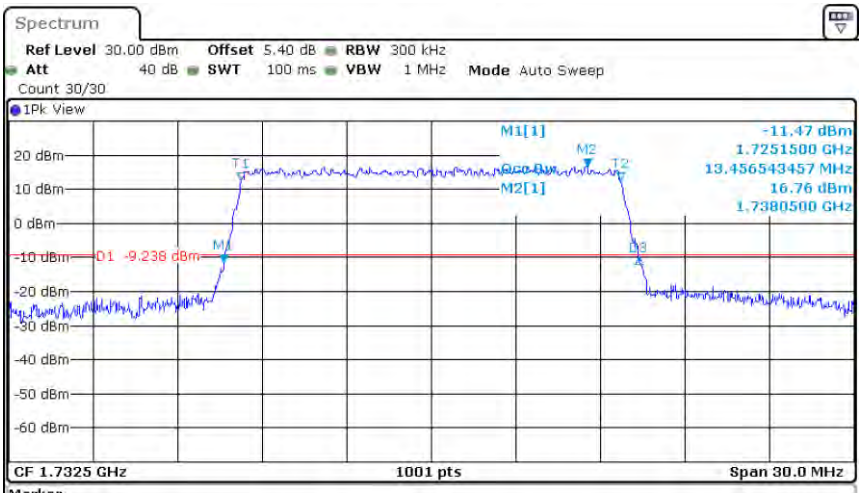
Band4-15MHz-16QAM-20175-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72515 GHz	-11.47 dBm		
T1		1	1.7257567 GHz	12.51 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7392133 GHz	12.65 dBm		
M2		1	1.73805 GHz	16.76 dBm		
D3	M1	1	14.7 MHz	1.58 dB		

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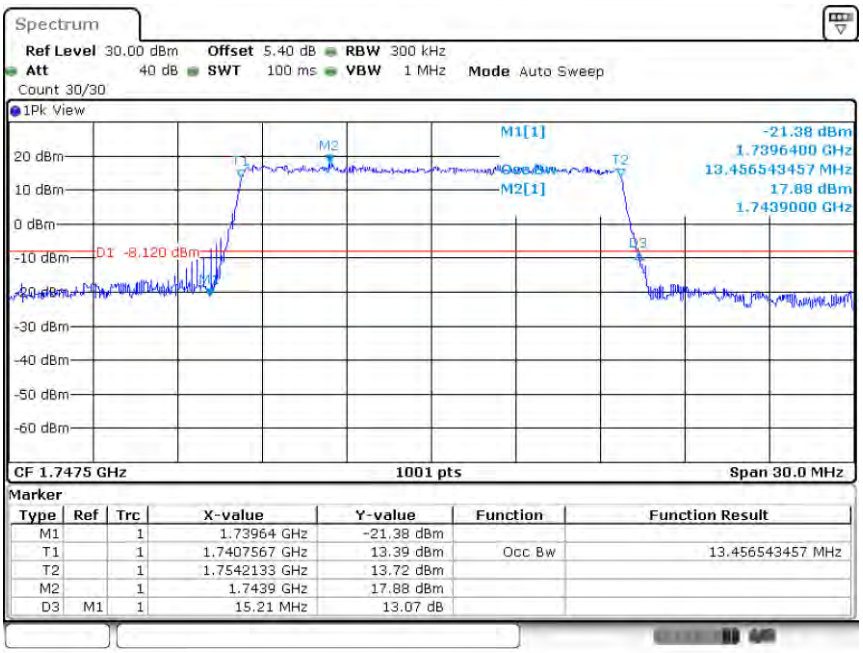

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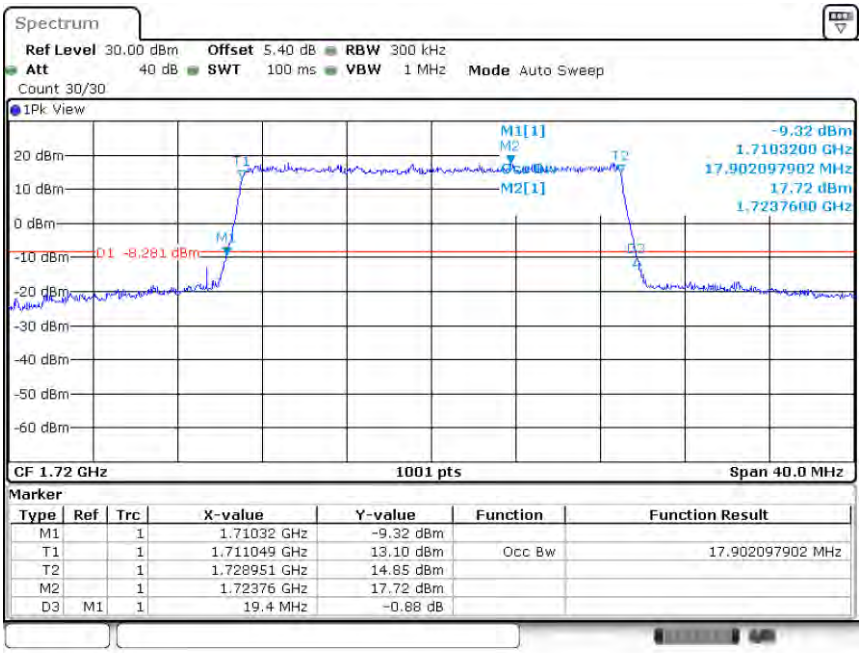
Band4-20MHz-QPSK-20050-100RB#0-17.902



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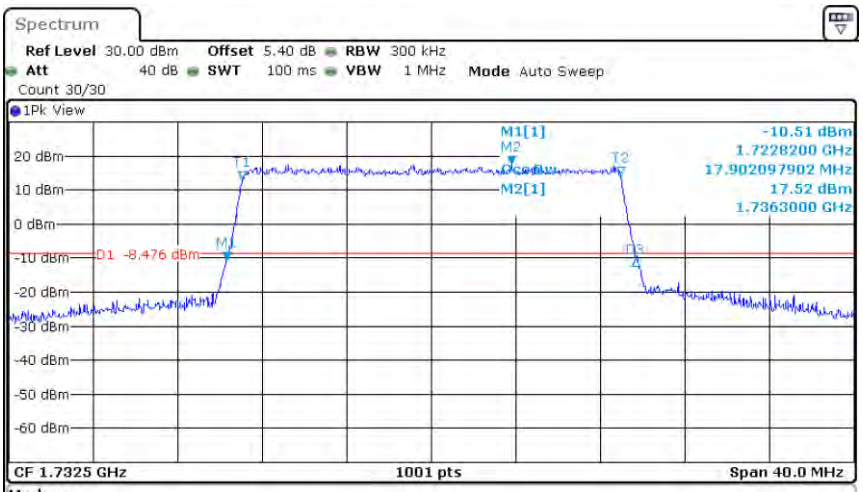
Band4-20MHz-QPSK-20175-100RB#0-17.902



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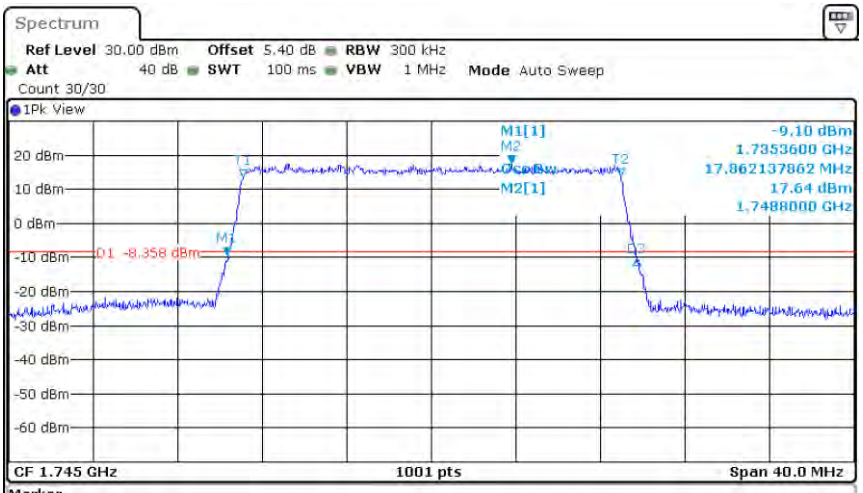
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72282 GHz	-10.51 dBm		
T1		1	1.723549 GHz	13.08 dBm	Occ Bw	17.902097902 MHz
T2		1	1.741451 GHz	14.35 dBm		
M2		1	1.7363 GHz	17.52 dBm		
D3	M1	1	19.36 MHz	0.37 dB		

Date: 14.APR.2021 03:32:47

Band4-20MHz-QPSK-20300-100RB#0-17.862



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73536 GHz	-9.10 dBm		
T1		1	1.7360889 GHz	13.66 dBm	Occ Bw	17.862137862 MHz
T2		1	1.753951 GHz	13.87 dBm		
M2		1	1.7488 GHz	17.64 dBm		
D3	M1	1	19.36 MHz	-1.03 dB		

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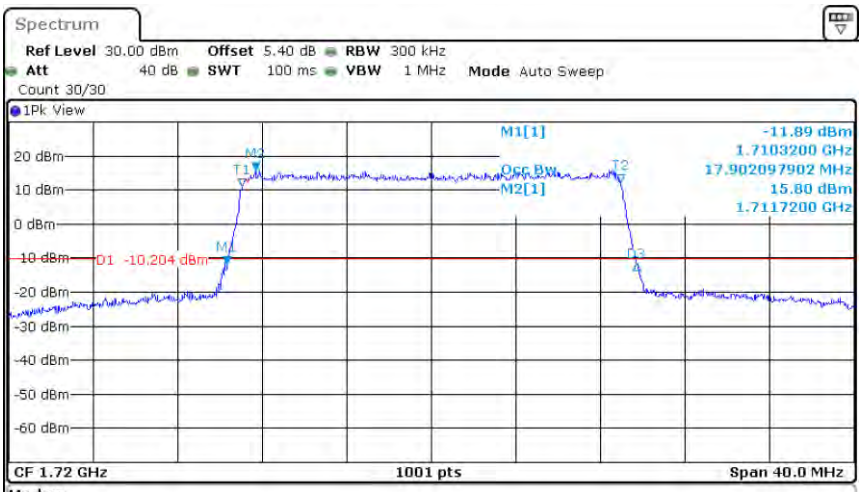
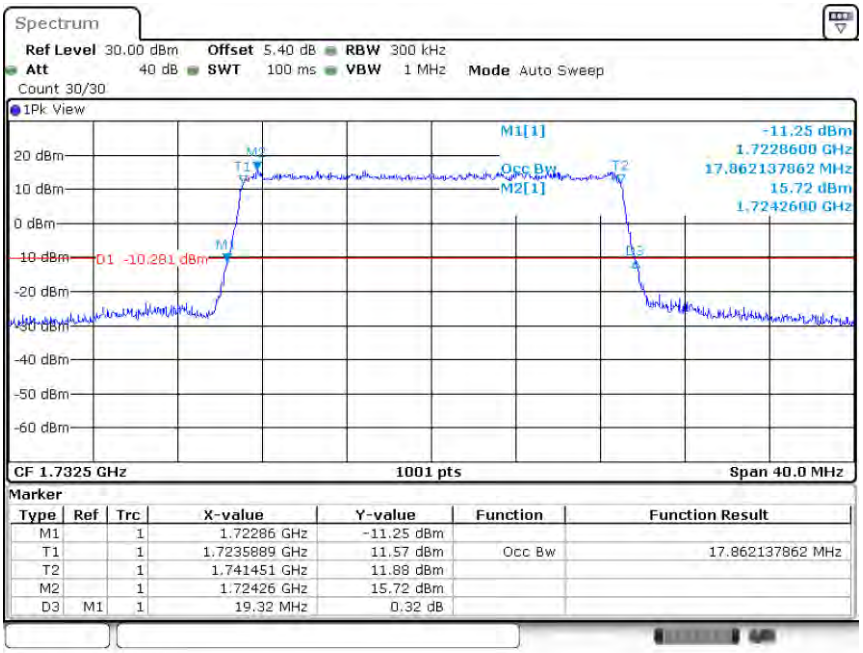
Band4-20MHz-64QAM-20050-100RB#0-17.902



Date: 14.APR.2021 04:39:41

Band4-20MHz-64QAM-20175-100RB#0-17.862



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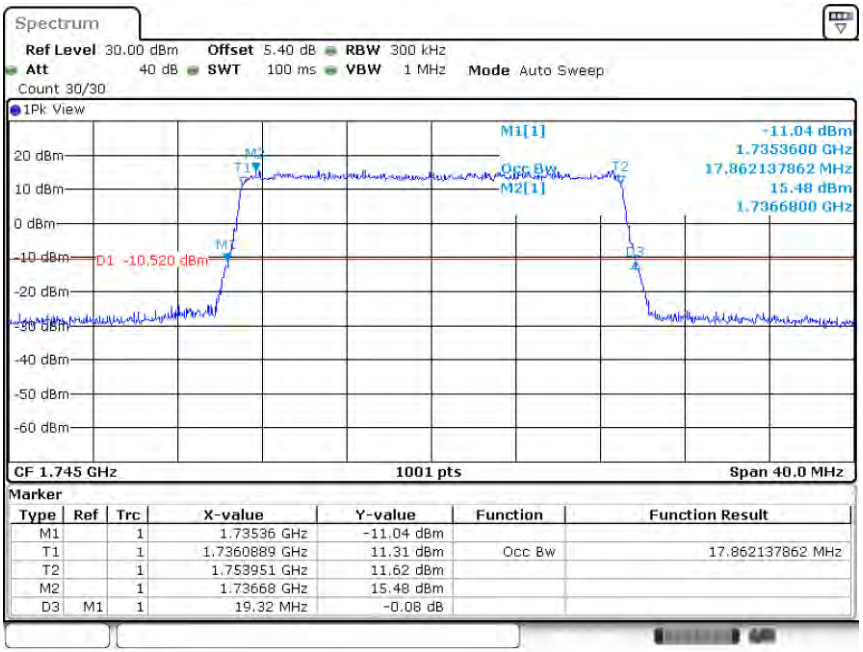
Band4-20MHz-64QAM-20300-100RB#0-17.862



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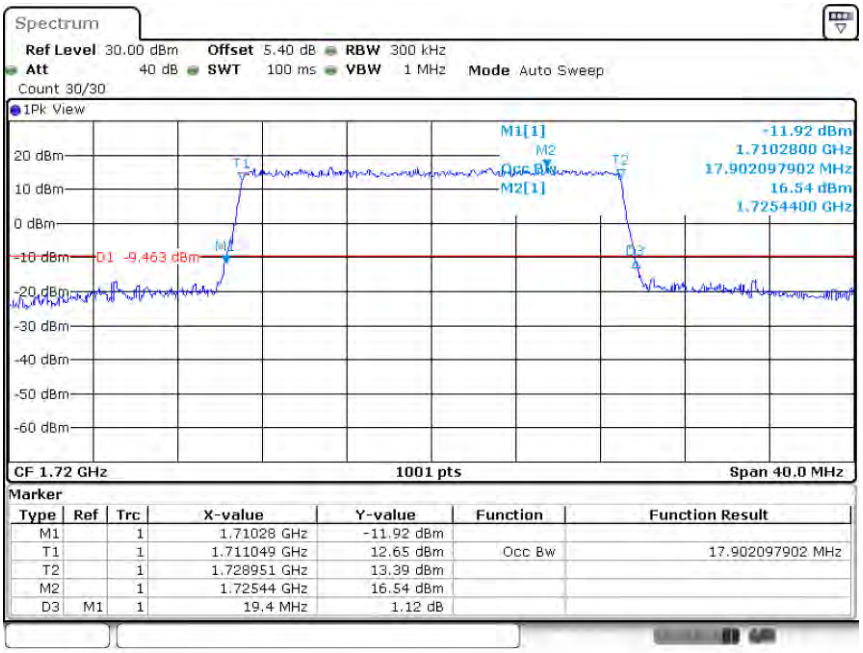

Date: 14.APR.2021 03:32:34

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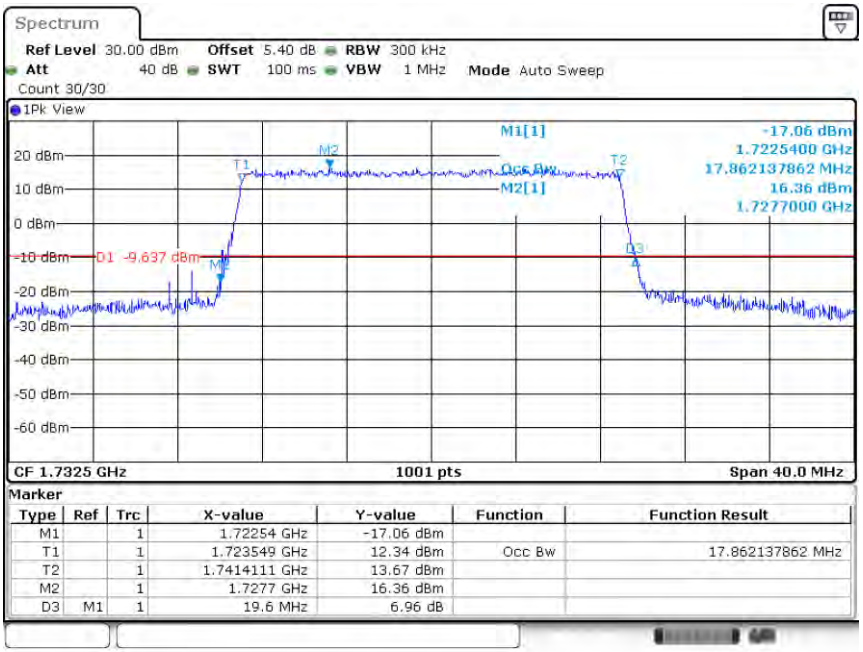
Band4-20MHz-16QAM-20175-100RB#0-17.862



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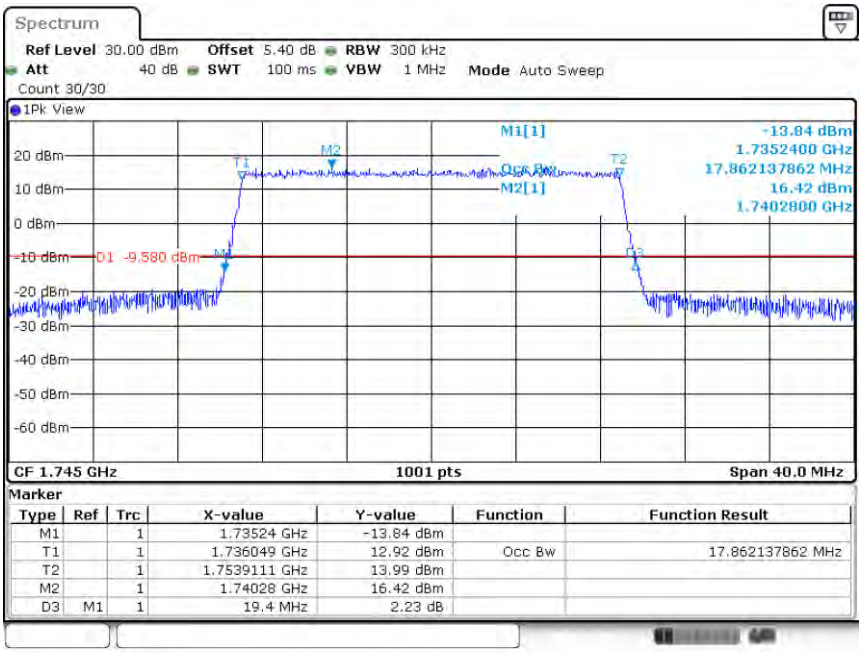

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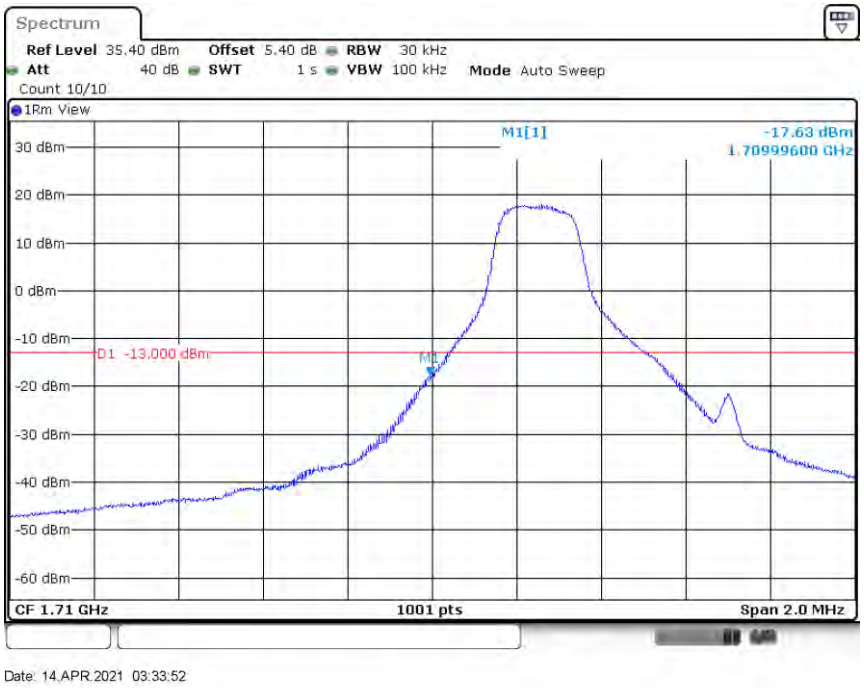
5. Band Edge Compliance

5.1. Test Plots

Band4-1.4MHz-QPSK-19957-1RB#0



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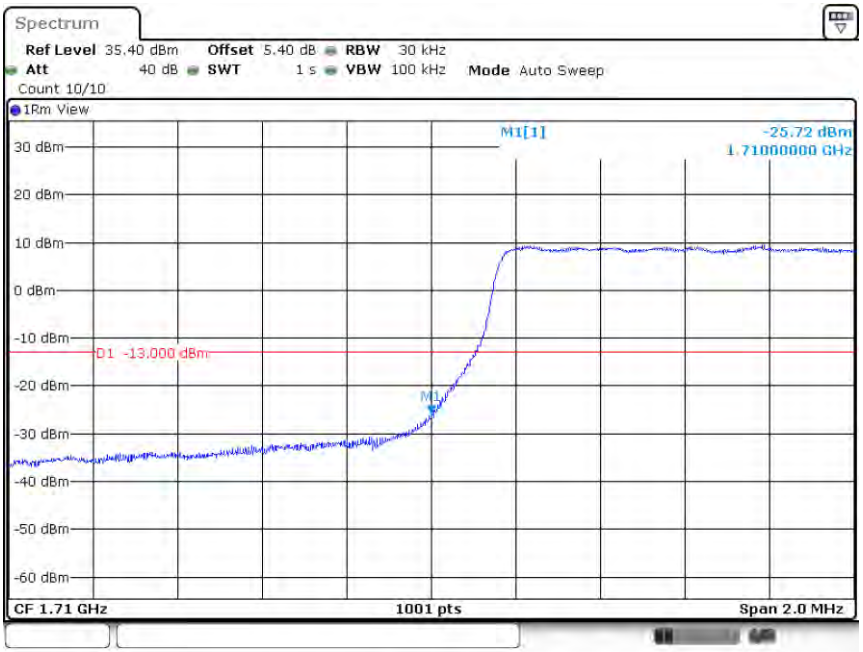
Band4-1.4MHz-QPSK-19957-6RB#0



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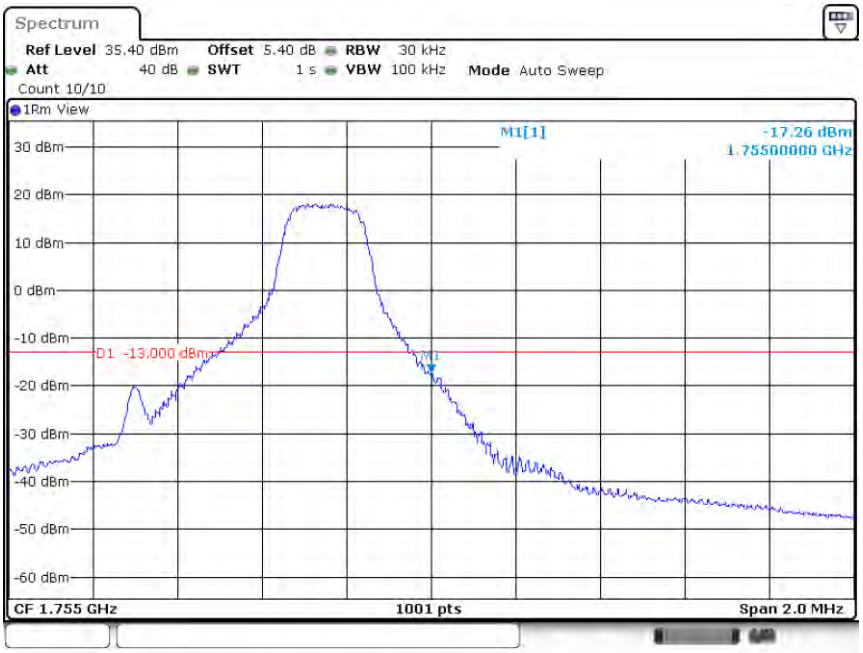
Band4-1.4MHz-QPSK-20393-1RB#5



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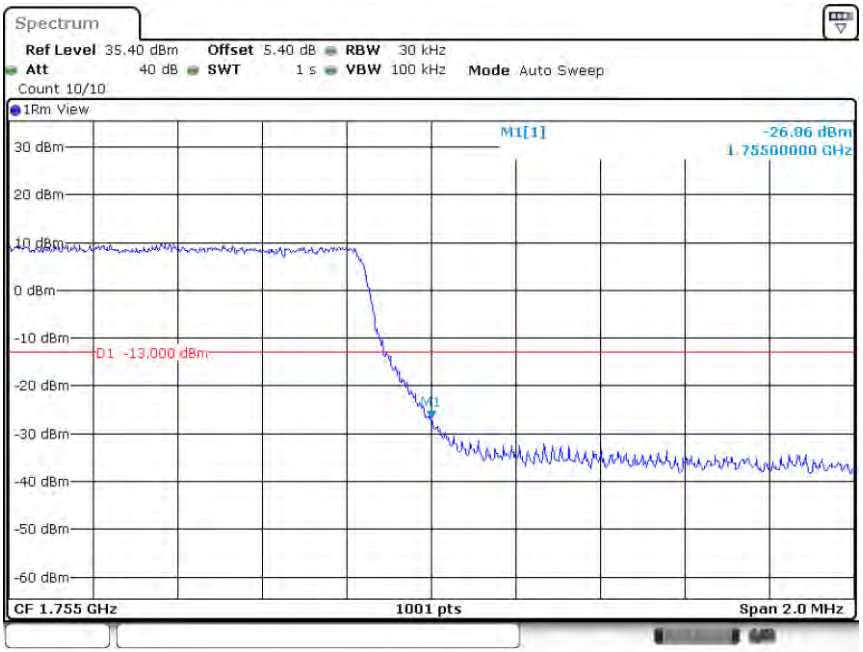
Band4-1.4MHz-QPSK-20393-6RB#0



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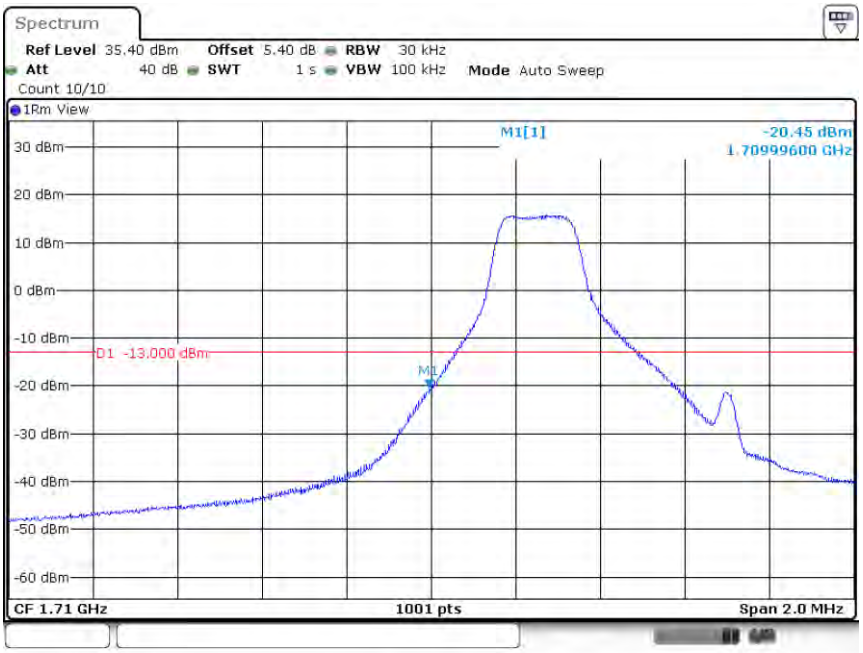
Band4-1.4MHz-64QAM-19957-1RB#0



Date: 29.MAR.2021 17:55:20

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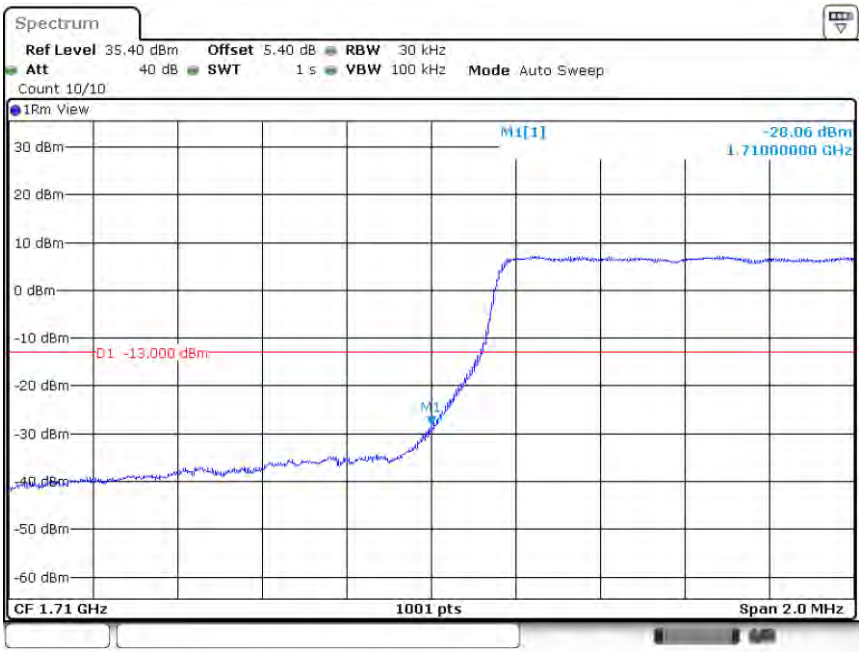
Band4-1.4MHz-64QAM-19957-6RB#0



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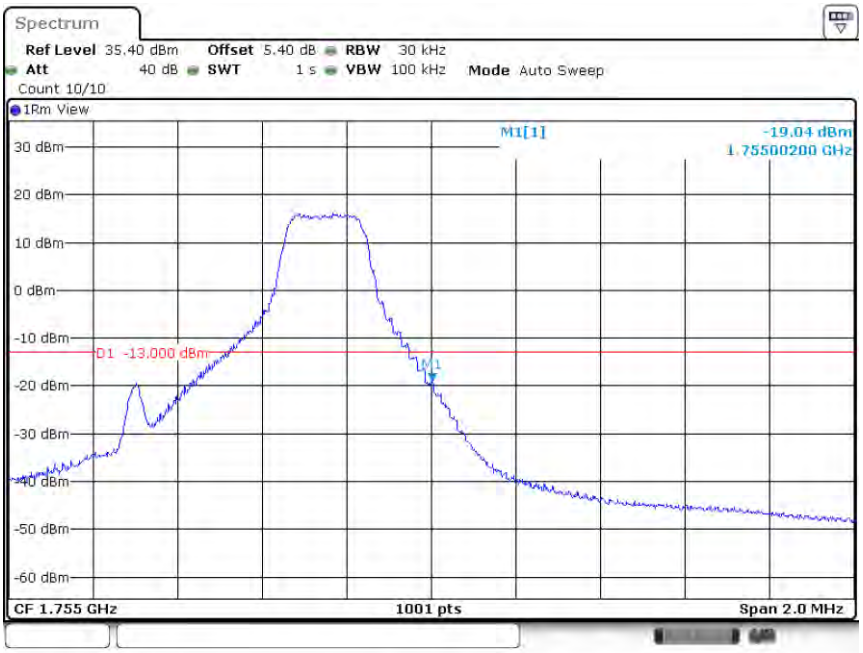
Band4-1.4MHz-64QAM-20393-1RB#5



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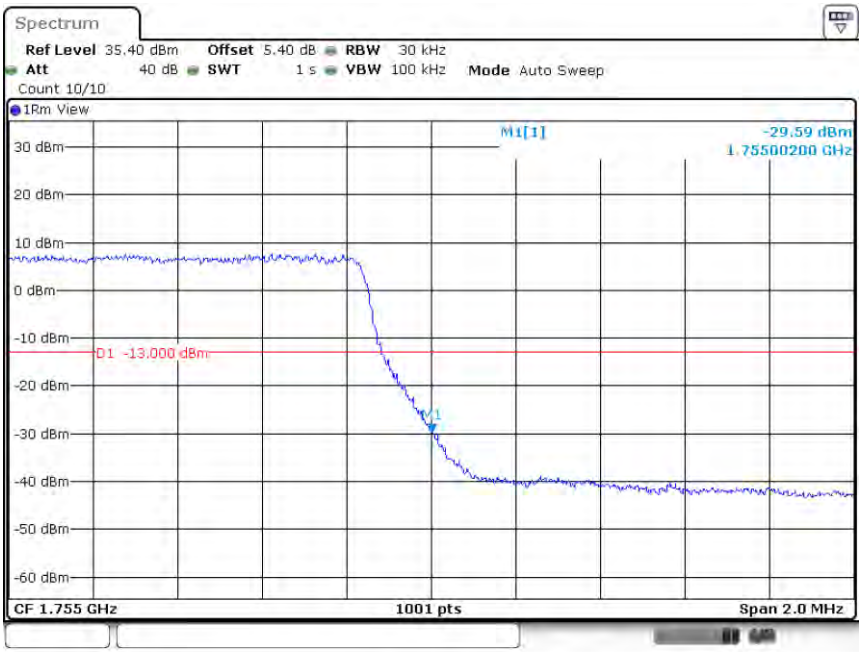
Band4-1.4MHz-64QAM-20393-6RB#0



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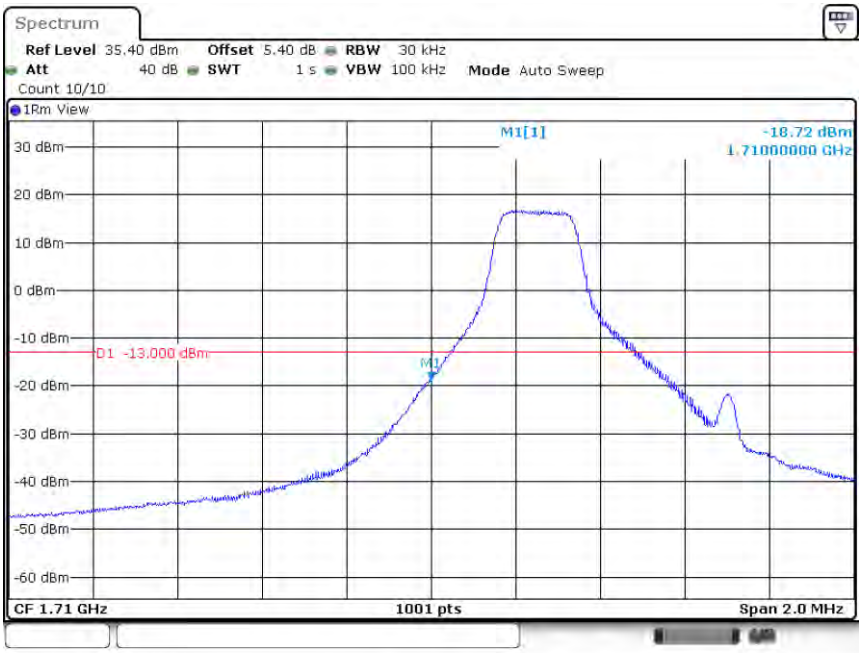

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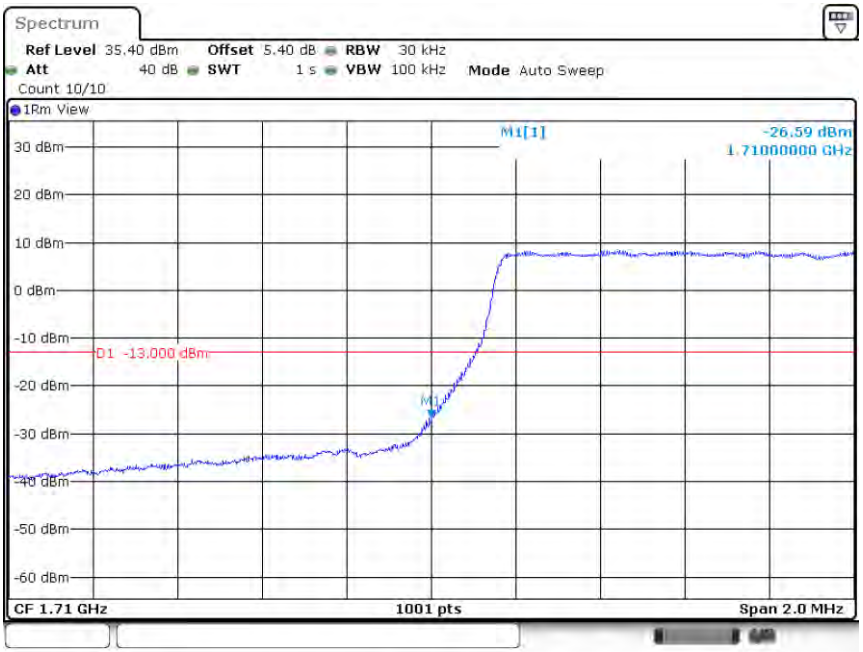
Band4-1.4MHz-16QAM-19957-6RB#0



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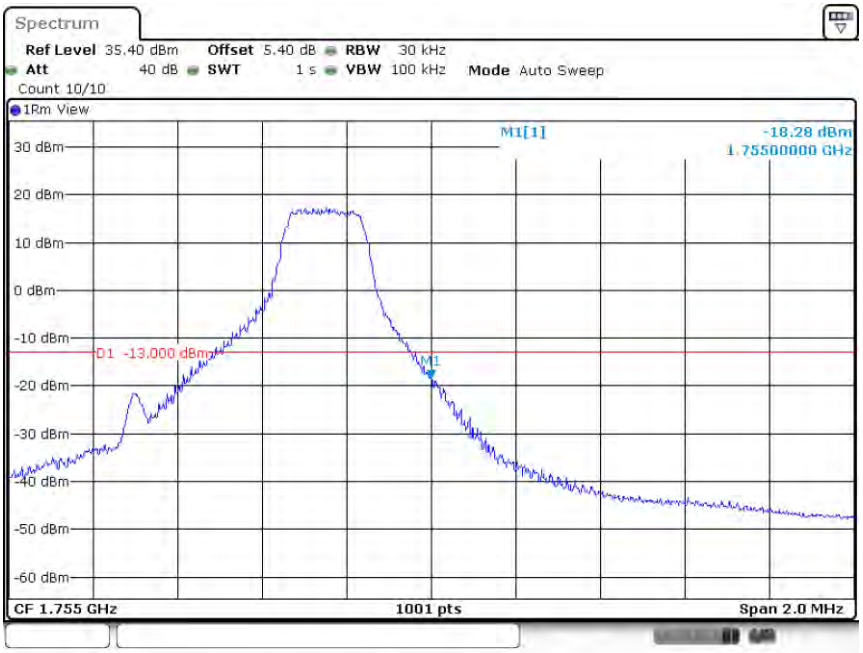

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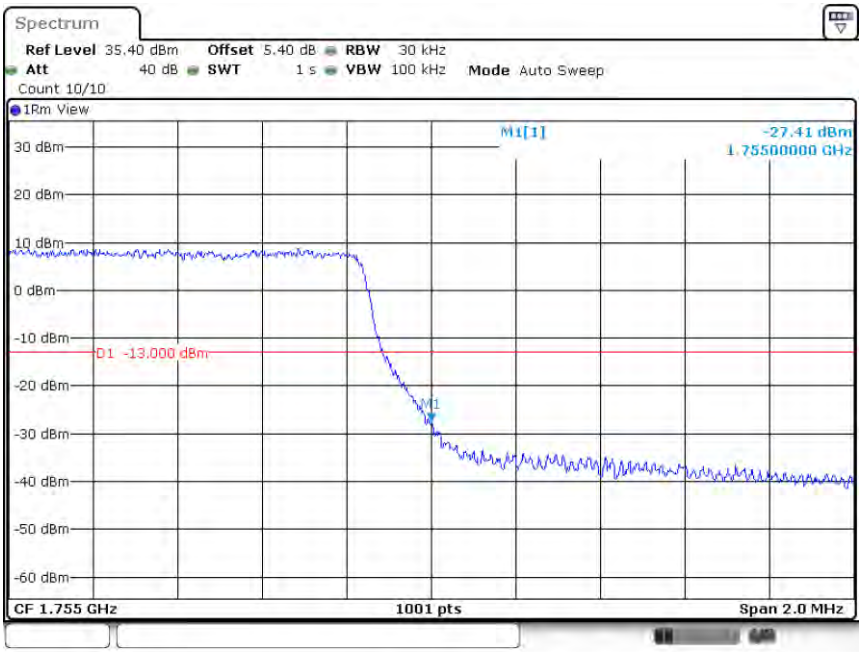

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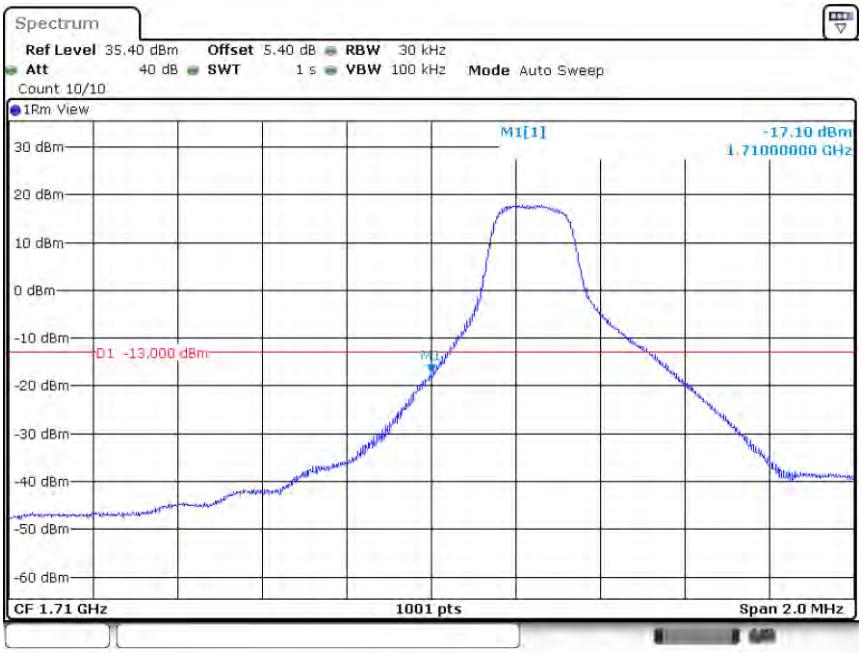
Band4-3MHz-QPSK-19965-1RB#0



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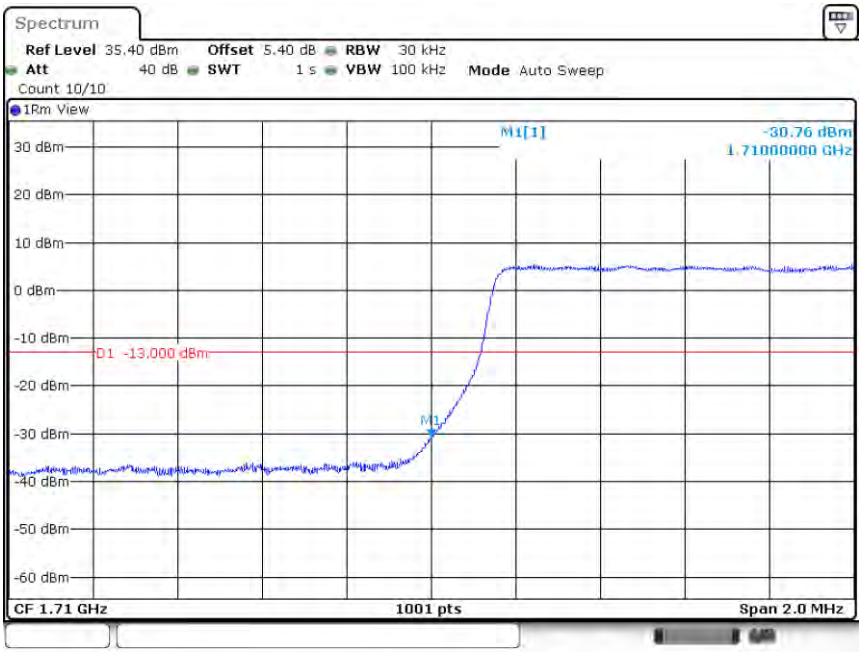
Band4-3MHz-QPSK-19965-15RB#0



Date: 14.APR.2021 03:37:36

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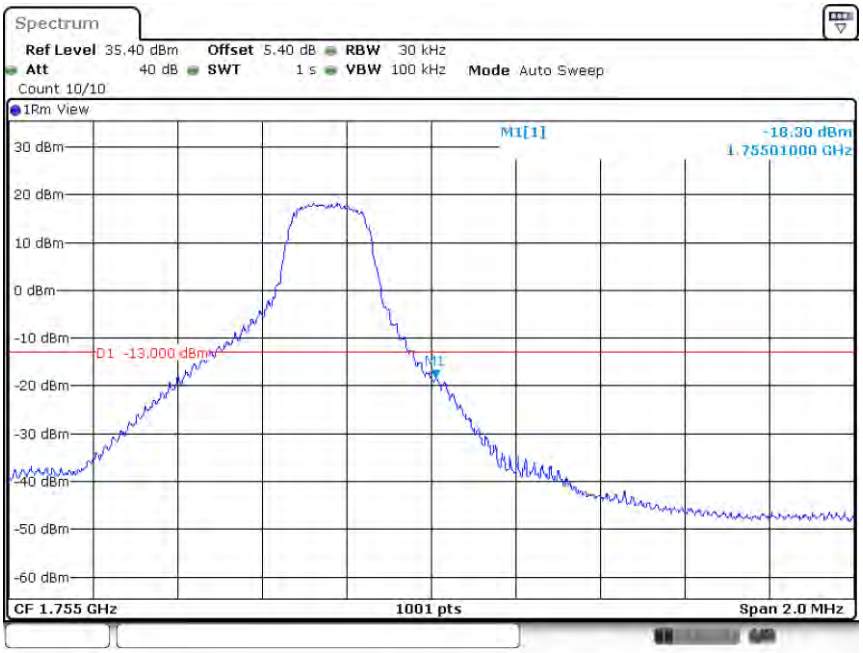

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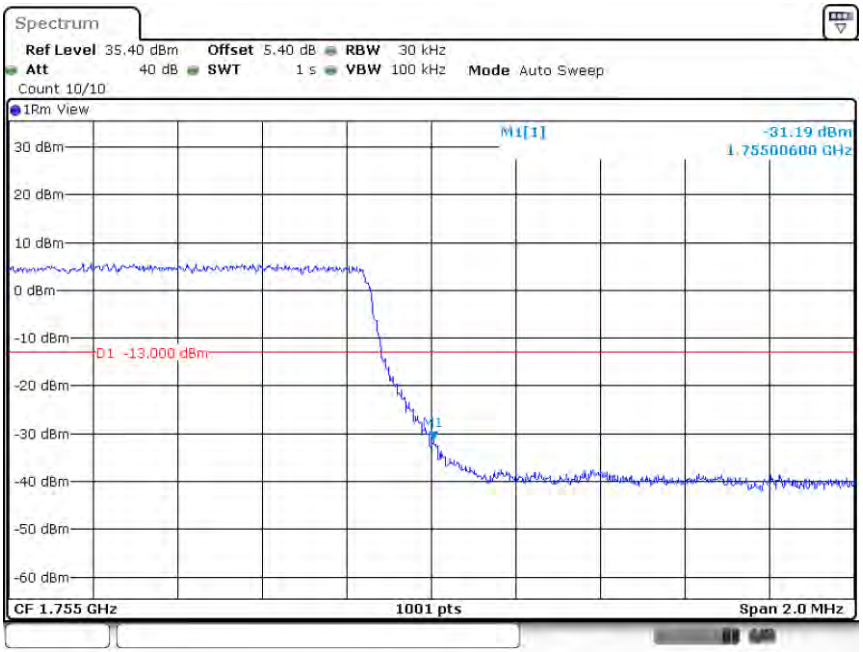
Band4-3MHz-QPSK-20385-15RB#0



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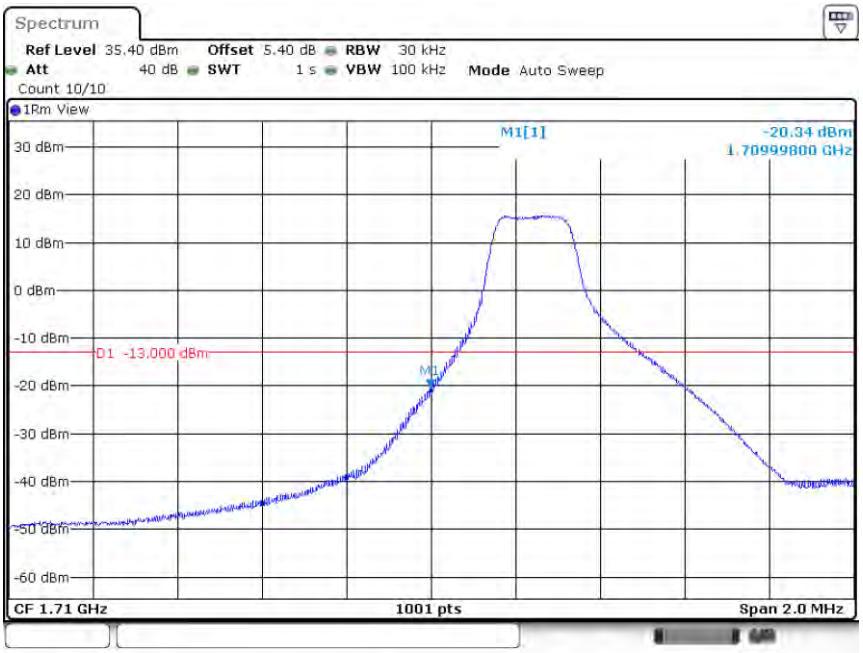
Band4-3MHz-64QAM-19965-1RB#0



Date: 29.MAR.2021 17:56:52

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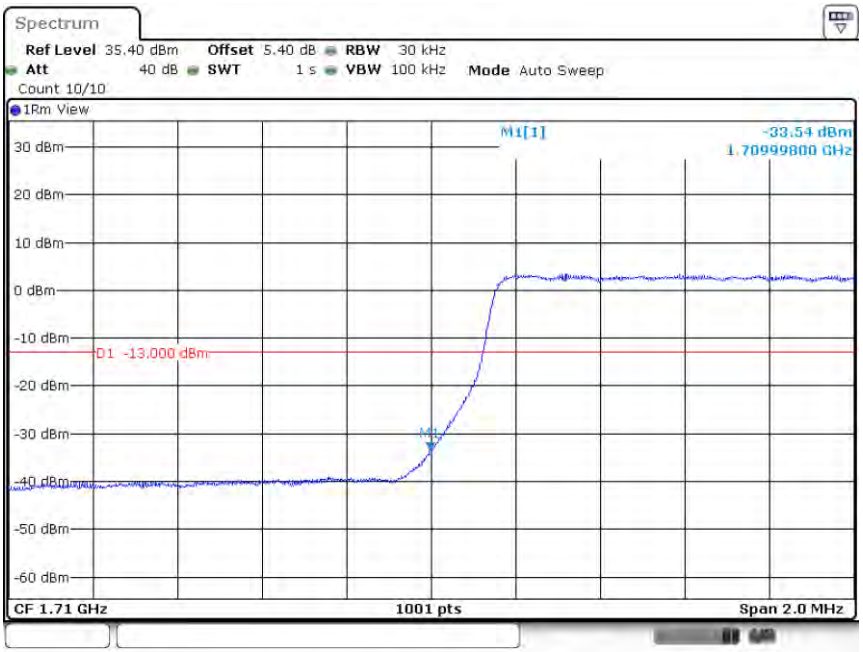
Band4-3MHz-64QAM-19965-15RB#0



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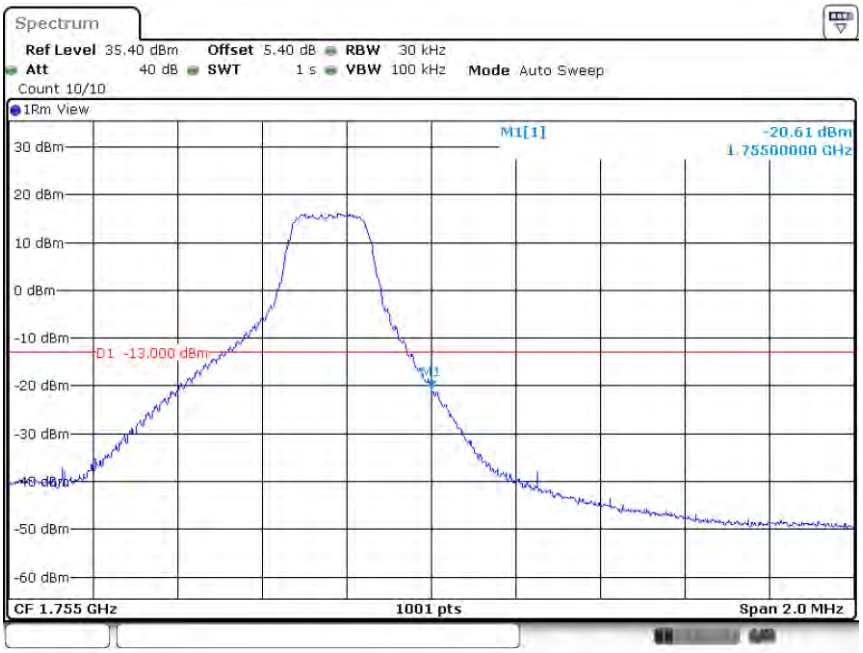
Band4-3MHz-64QAM-20385-1RB#14



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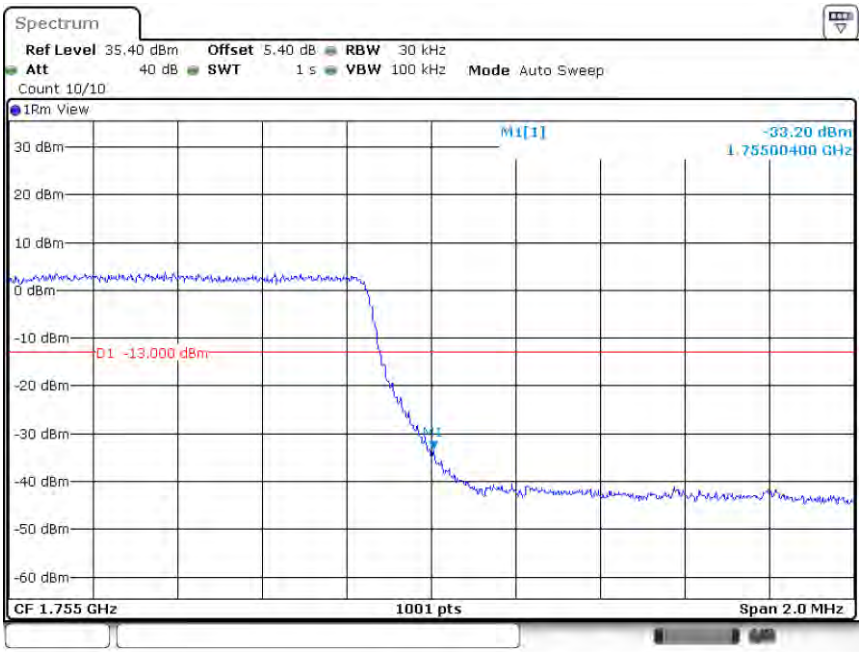
Band4-3MHz-64QAM-20385-15RB#0



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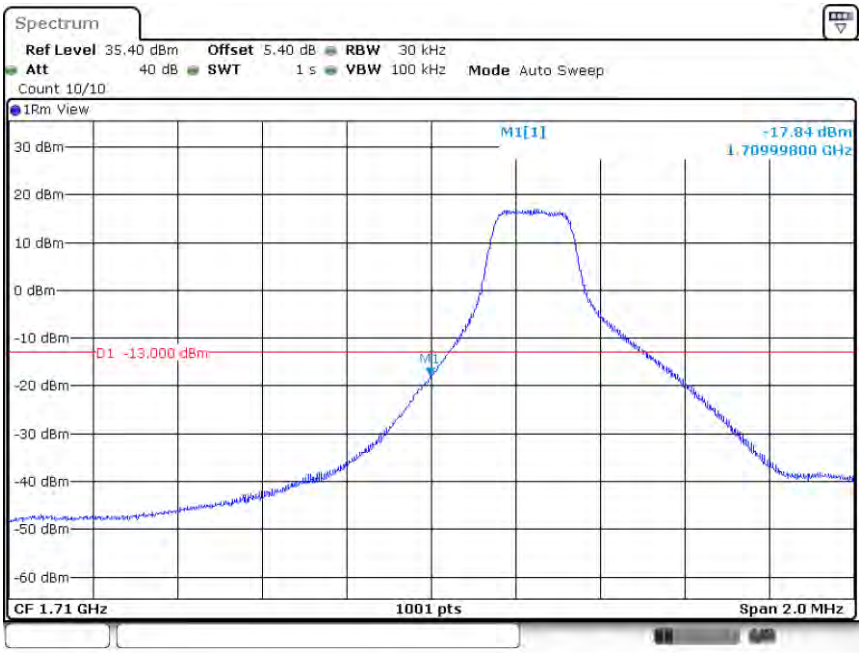

Date: 14.APR.2021 03:37:15

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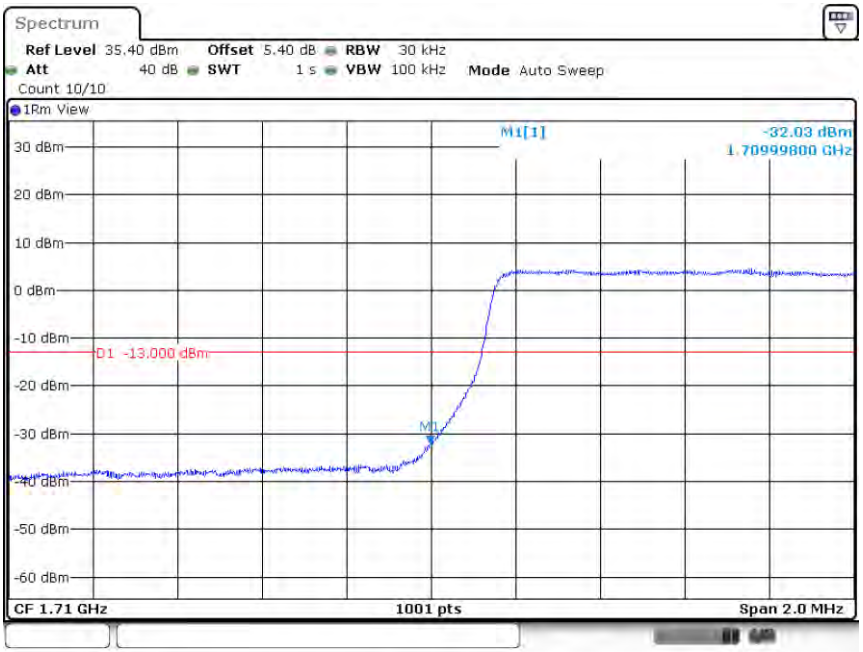
Band4-3MHz-16QAM-19965-15RB#0



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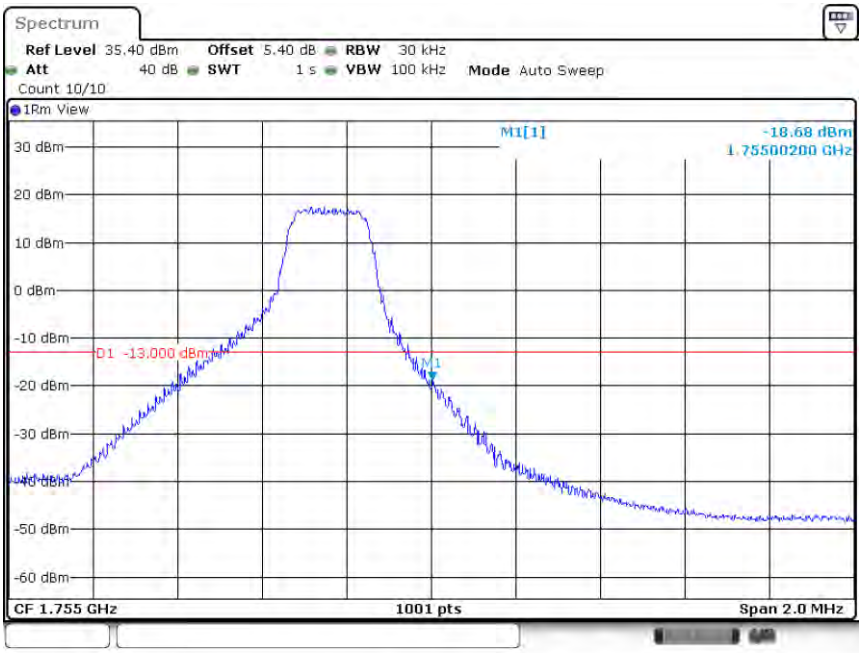
Band4-3MHz-16QAM-20385-1RB#14



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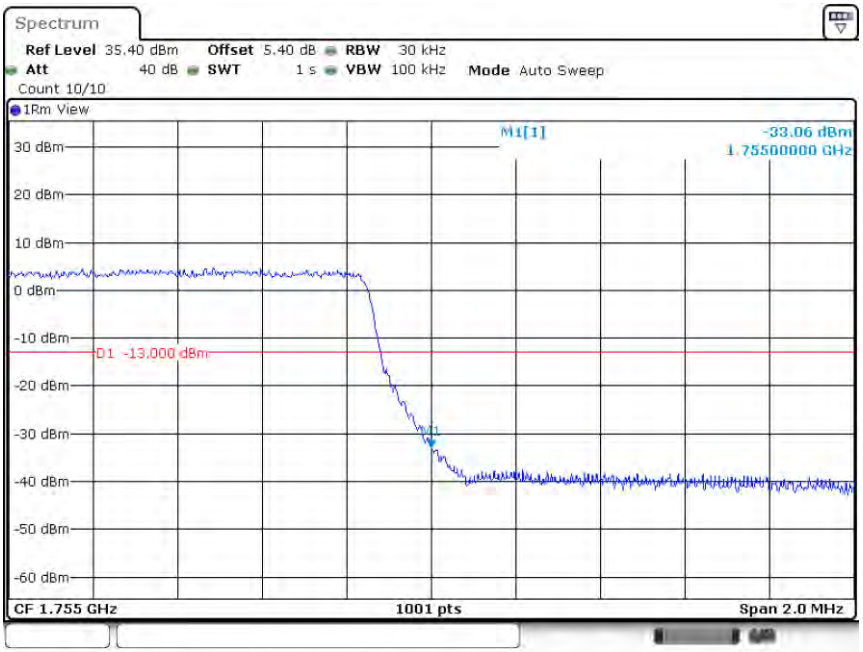

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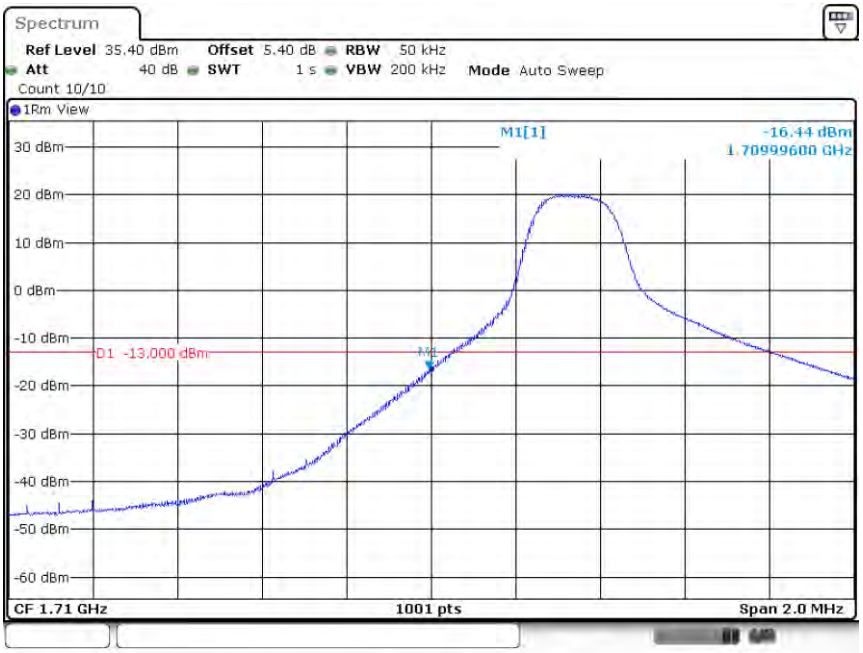
Band4-5MHz-QPSK-19975-1RB#0



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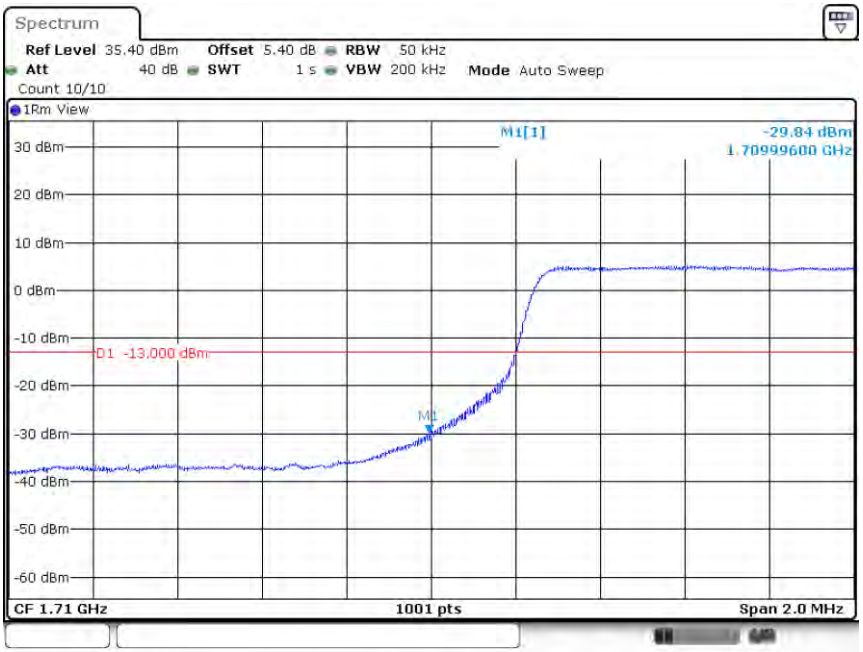
Band4-5MHz-QPSK-19975-25RB#0



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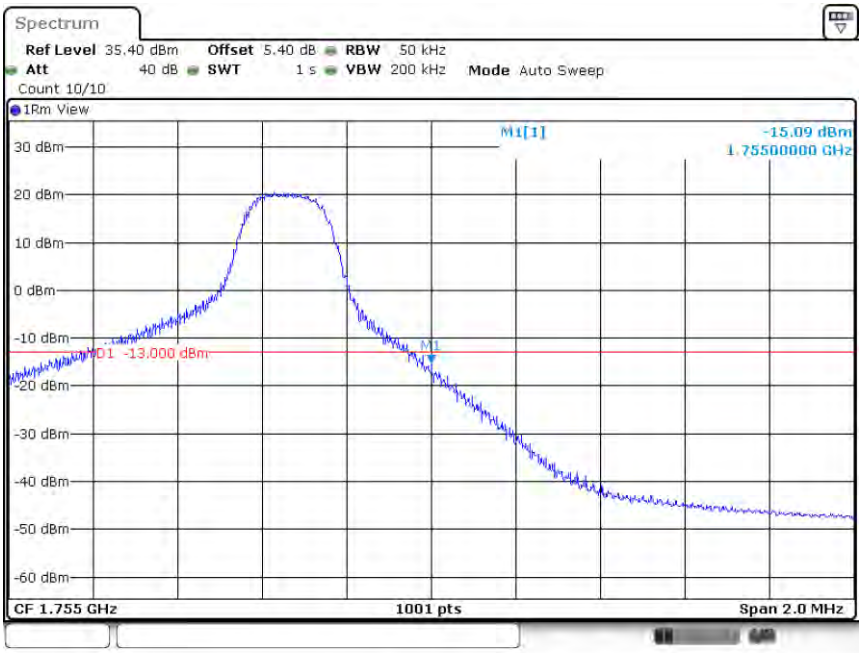
Band4-5MHz-QPSK-20375-1RB#24



Date: 14.APR.2021 03:41:16

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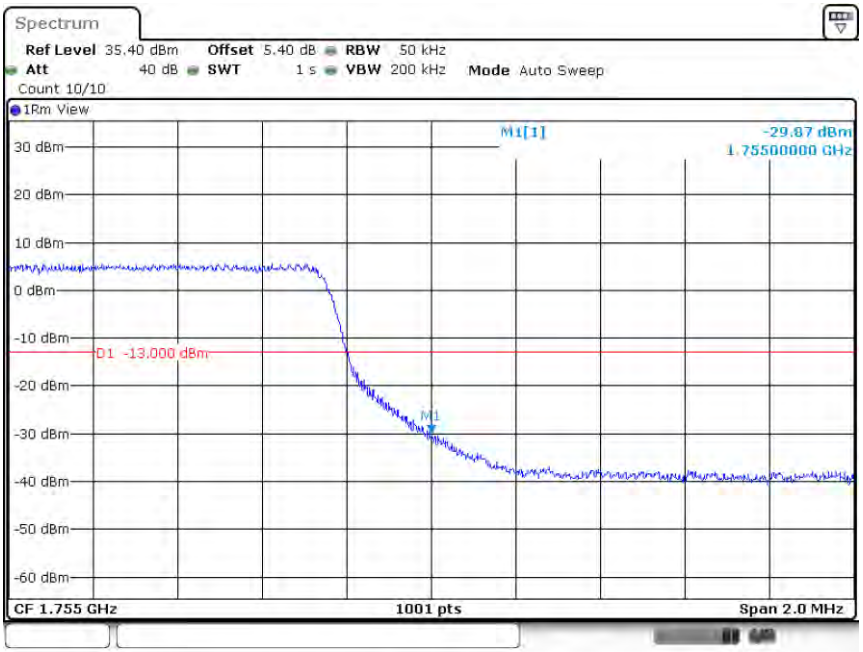
Band4-5MHz-QPSK-20375-25RB#0



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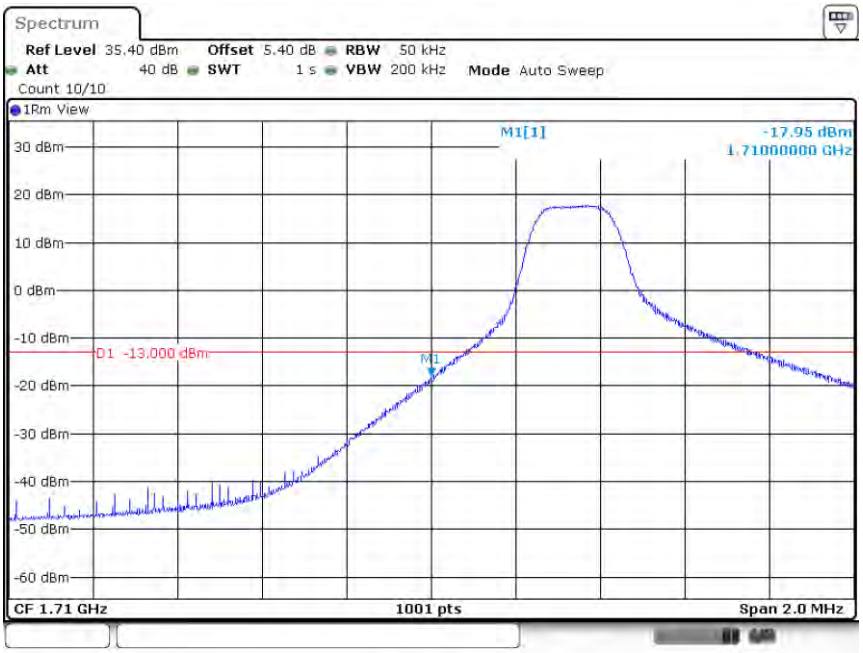
Band4-5MHz-64QAM-19975-1RB#0



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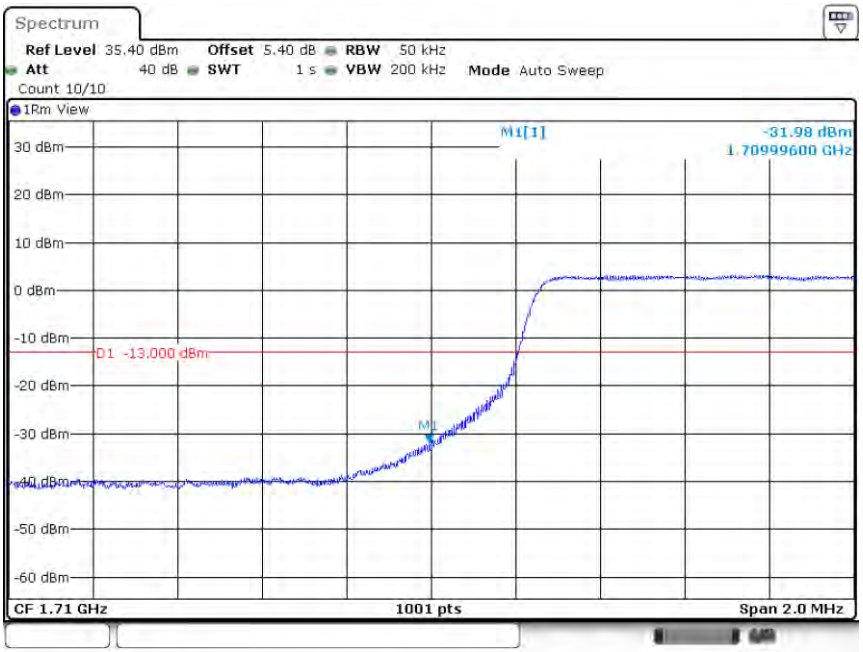

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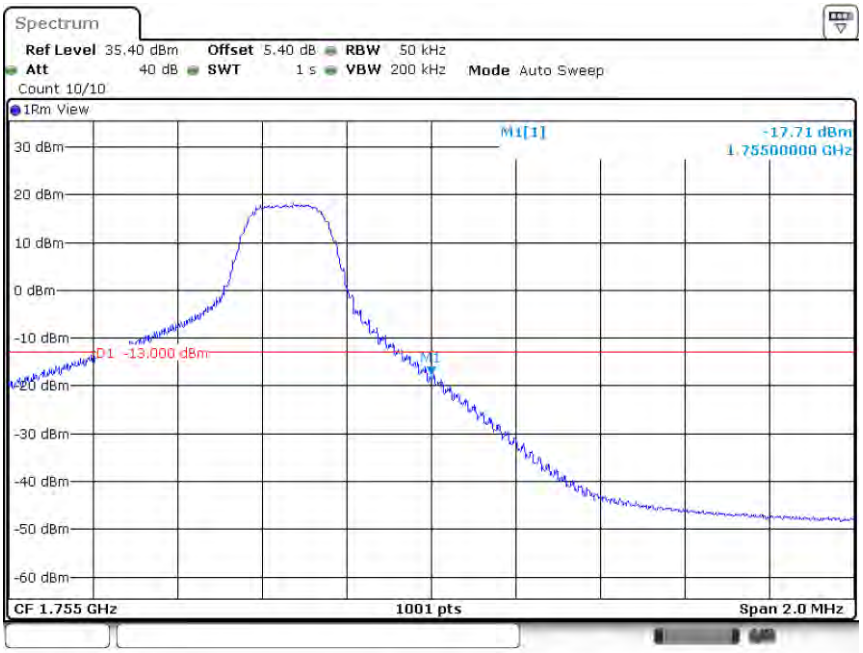
Band4-5MHz-64QAM-20375-1RB#24



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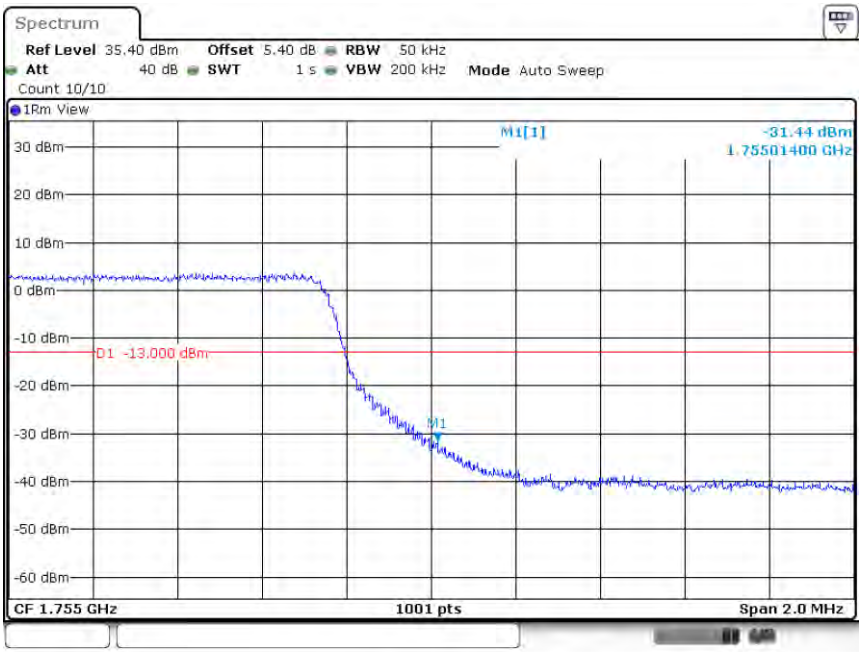
Band4-5MHz-64QAM-20375-25RB#0



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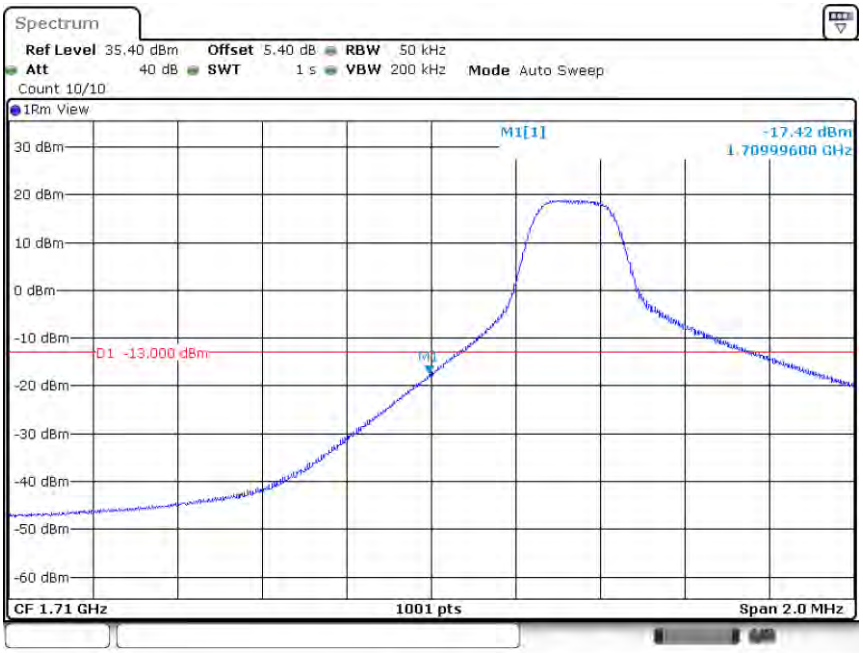
Band4-5MHz-16QAM-19975-1RB#0



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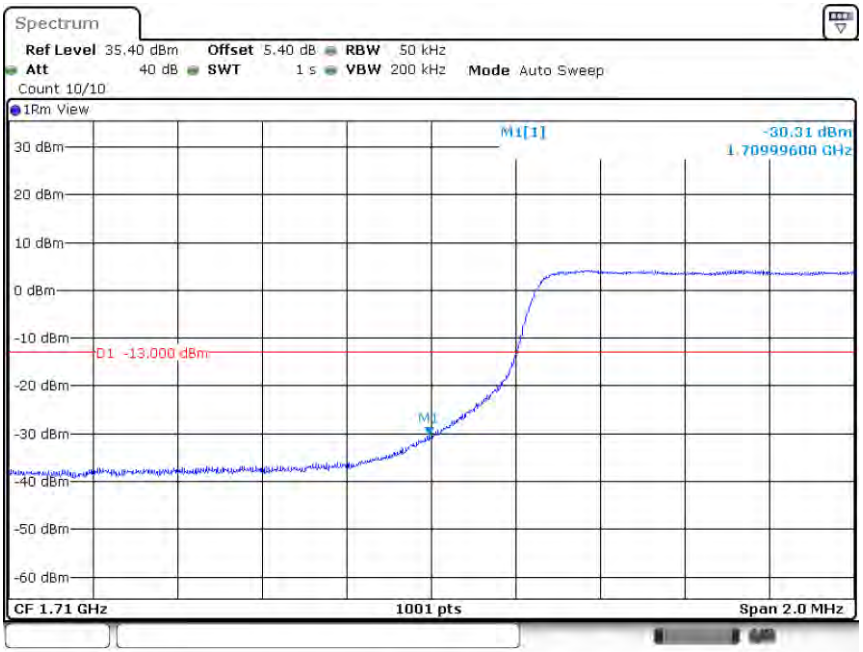

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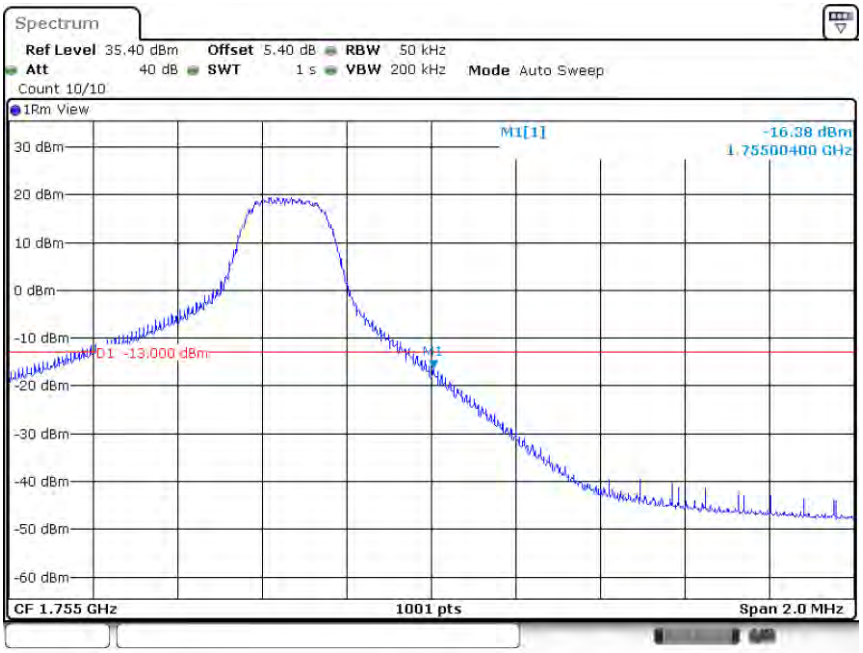

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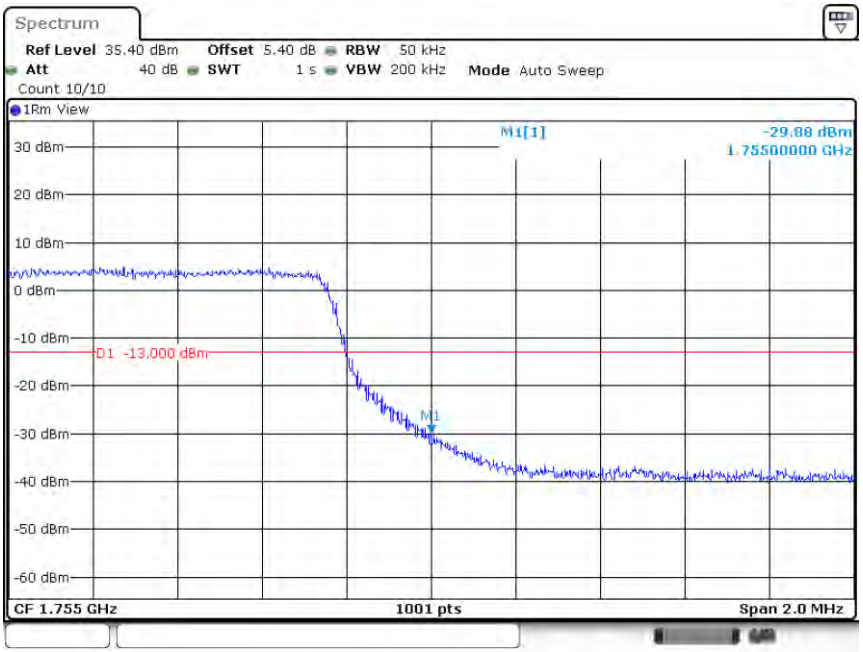
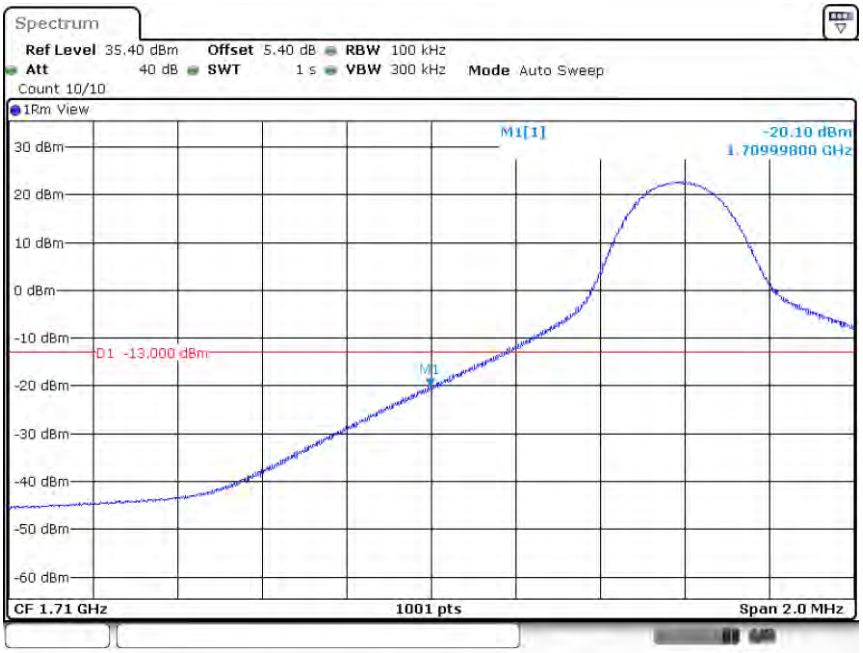
Band4-5MHz-16QAM-20375-25RB#0



Date: 14.APR.2021 03:42:19

Band4-10MHz-QPSK-20000-1RB#0



Date: 14.APR.2021 03:42:45

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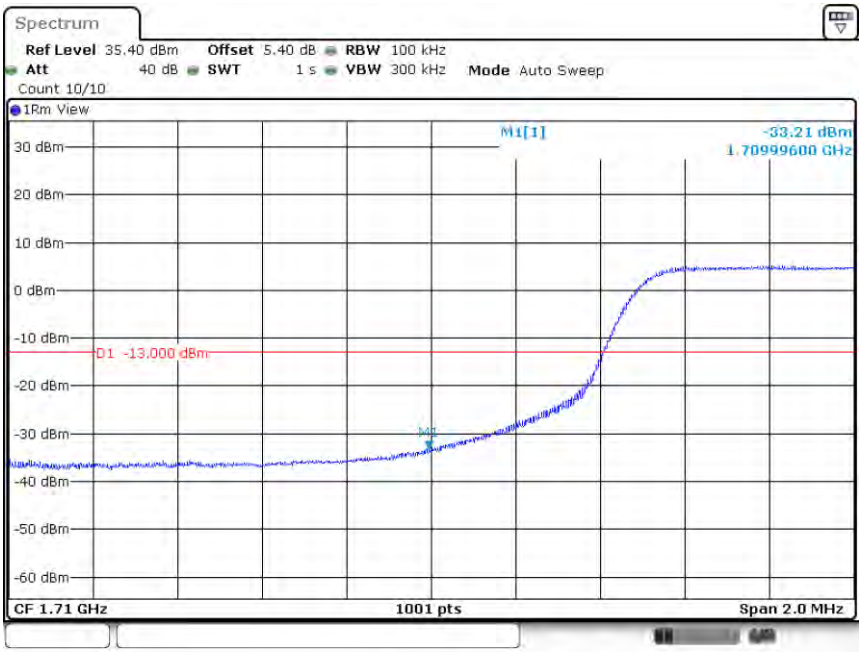
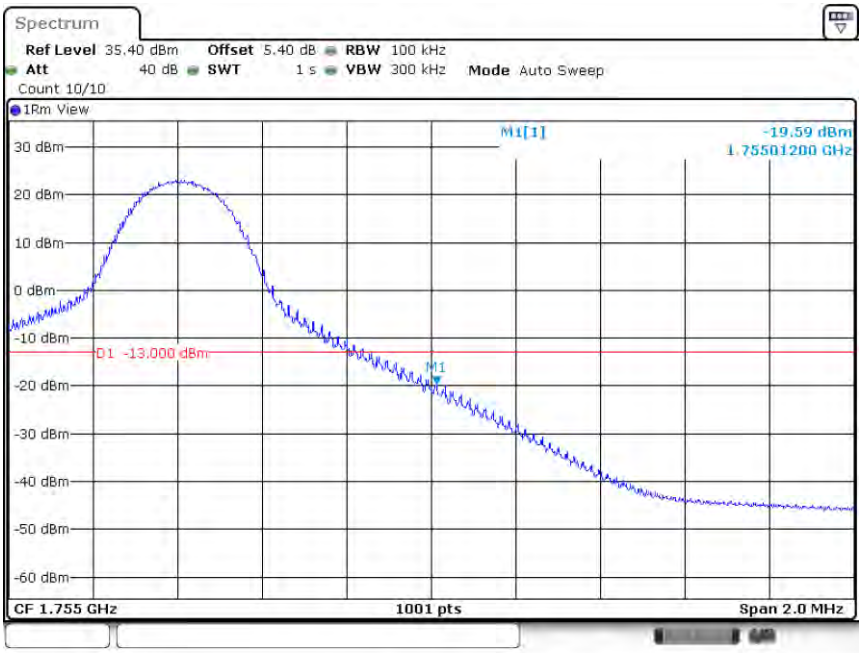
Band4-10MHz-QPSK-20000-50RB#0



Date: 14.APR.2021 03:43:27

Band4-10MHz-QPSK-20350-1RB#49



Date: 14.APR.2021 03:44:12

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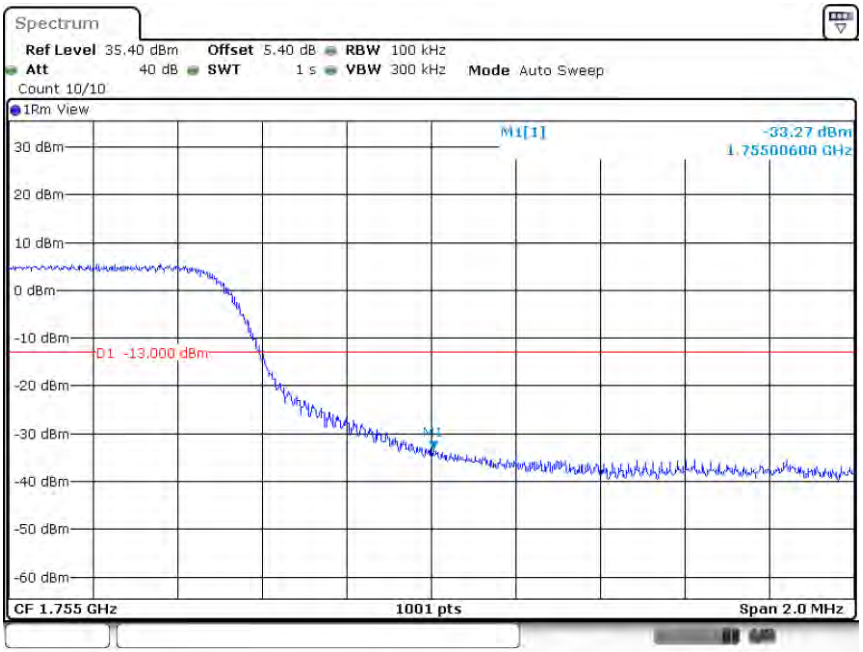
Band4-10MHz-QPSK-20350-50RB#0



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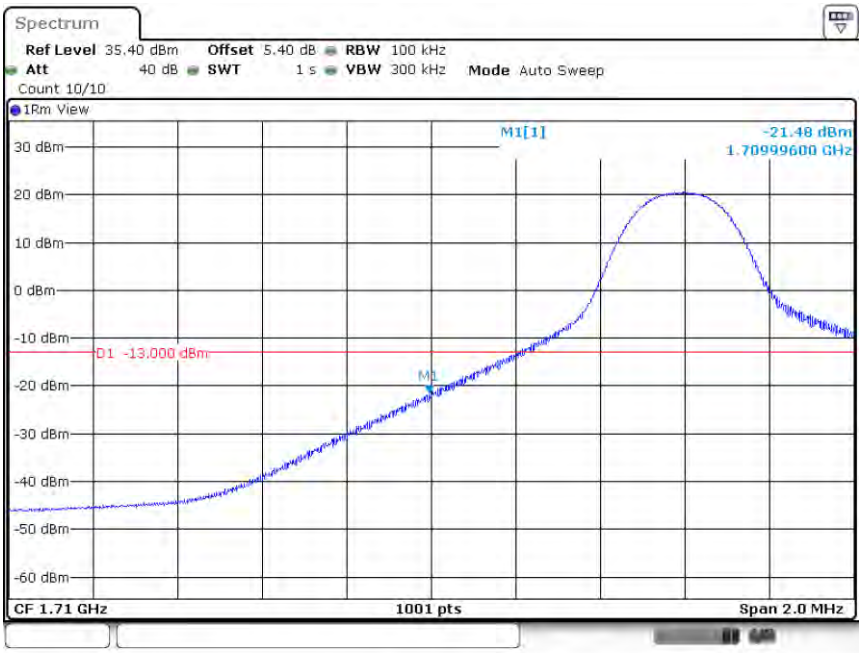
Band4-10MHz-64QAM-20000-1RB#0



Date: 29.MAR.2021 18:00:03

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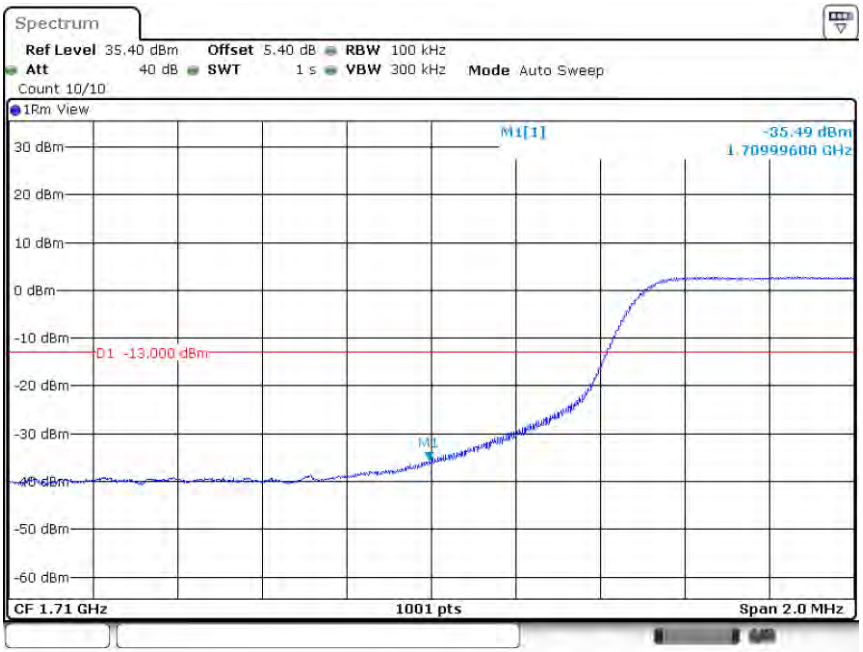
Band4-10MHz-64QAM-20000-50RB#0



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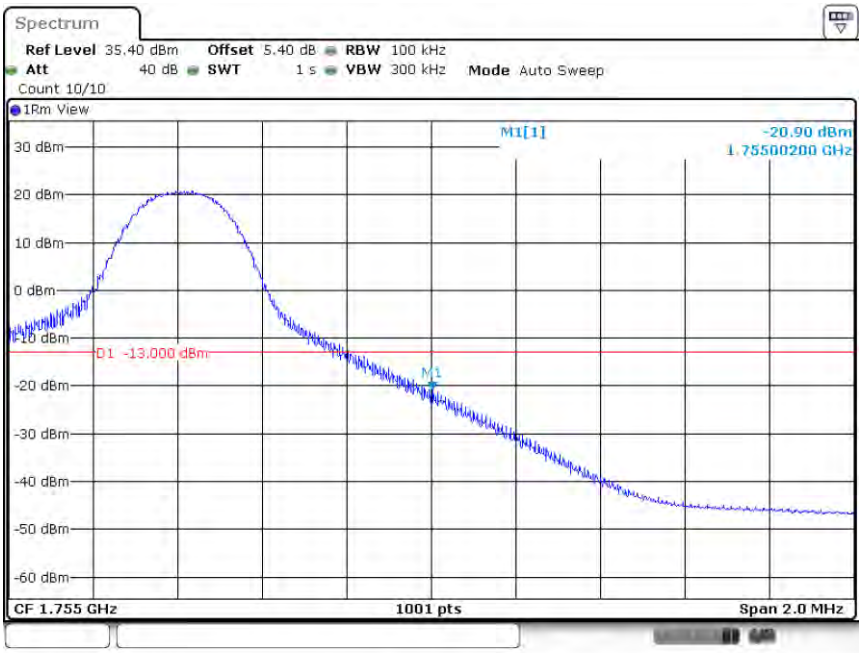
Band4-10MHz-64QAM-20350-1RB#49



Date: 29.MAR.2021 18:00:49

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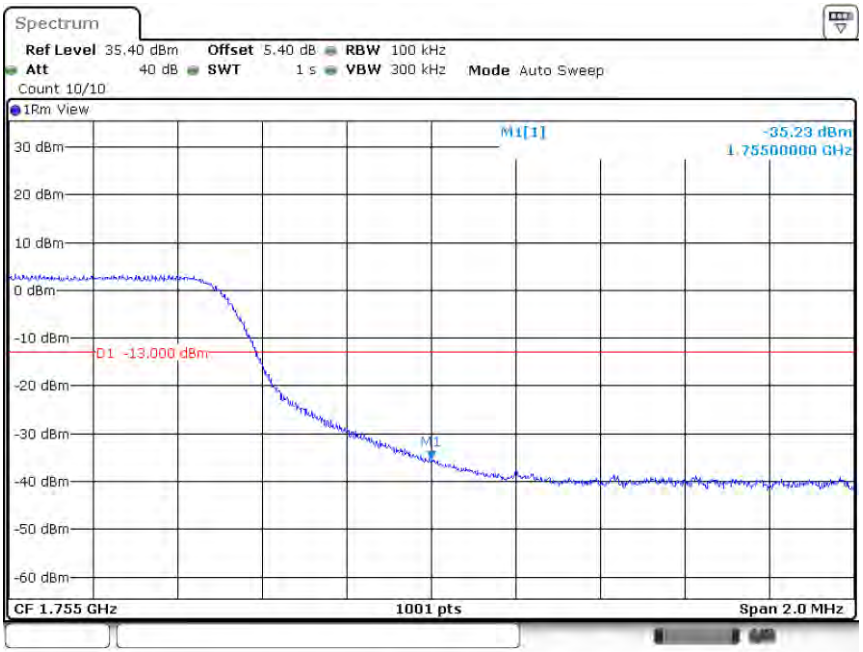
Band4-10MHz-64QAM-20350-50RB#0



Date: 29.MAR.2021 18:01:10

Band4-10MHz-16QAM-20000-1RB#0

Date: 14.APR.2021 03:43:06

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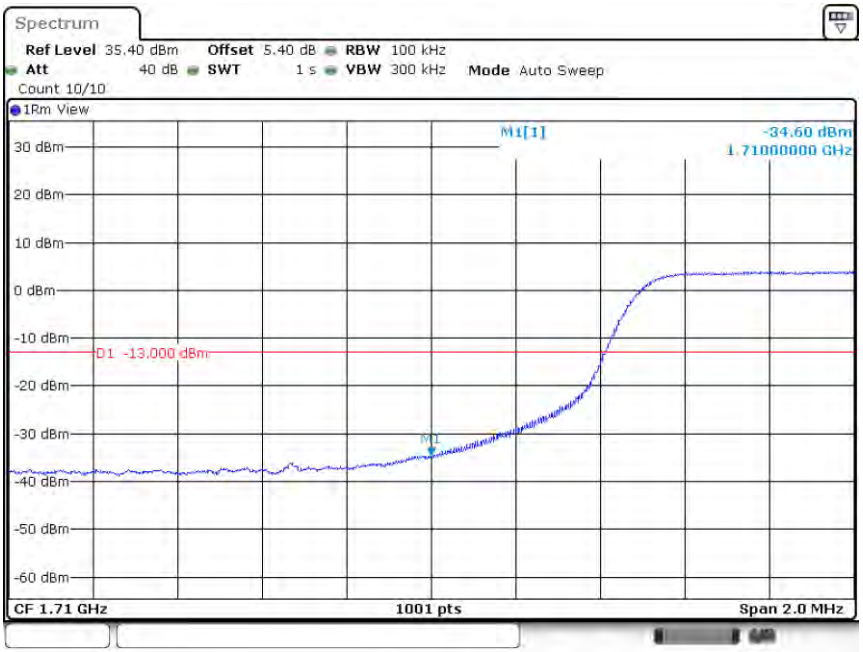
Band4-10MHz-16QAM-20000-50RB#0



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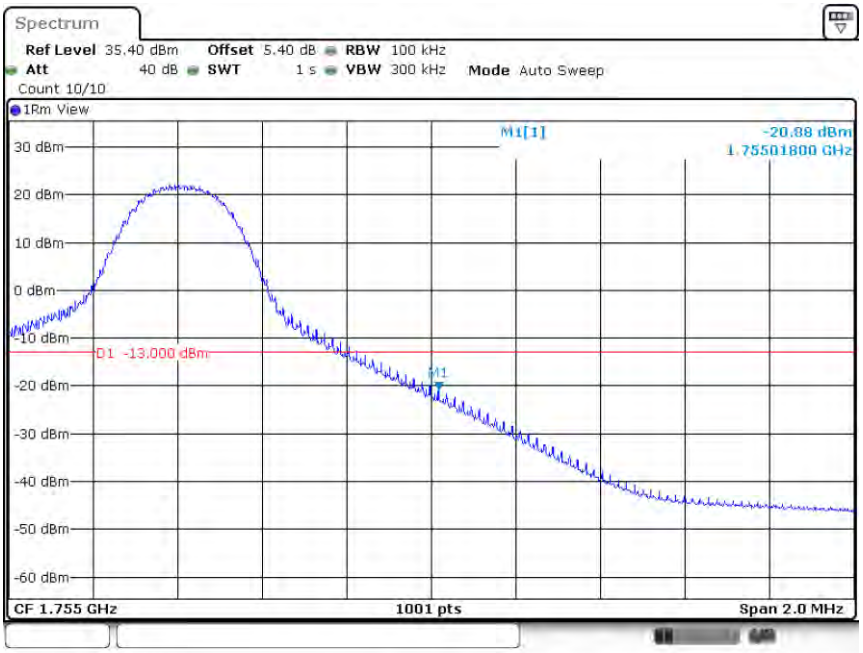
Band4-10MHz-16QAM-20350-1RB#49



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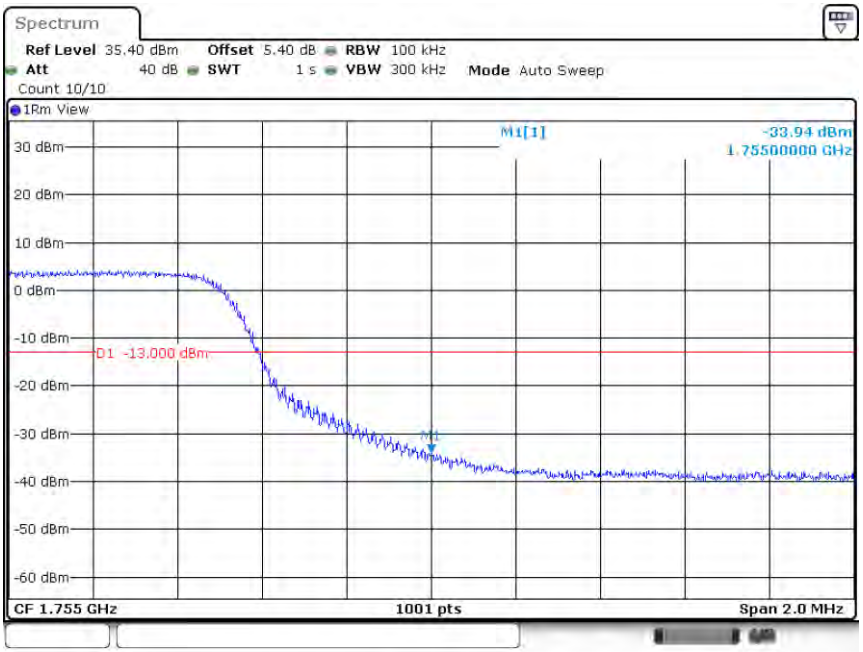
Band4-10MHz-16QAM-20350-50RB#0



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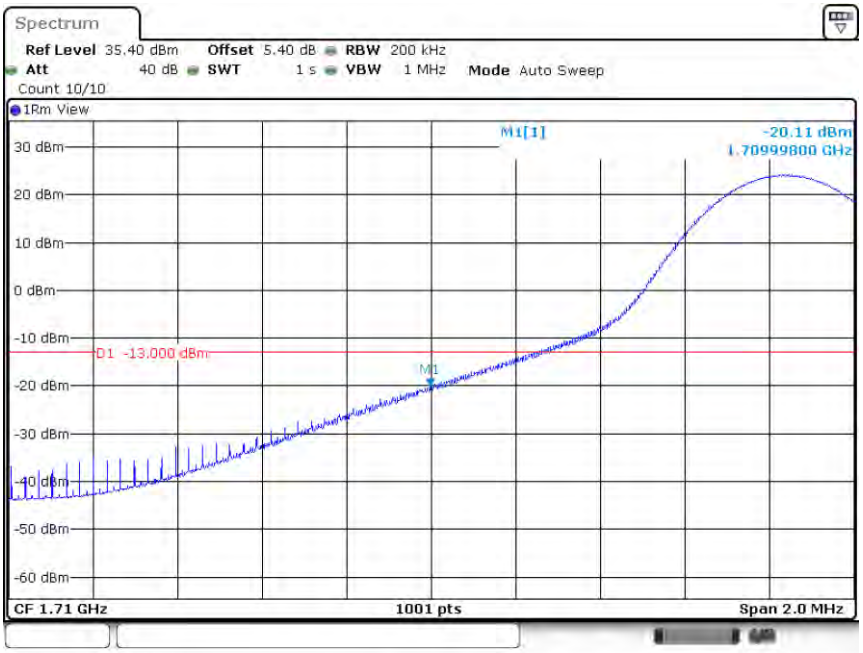
Band4-15MHz-QPSK-20025-1RB#0



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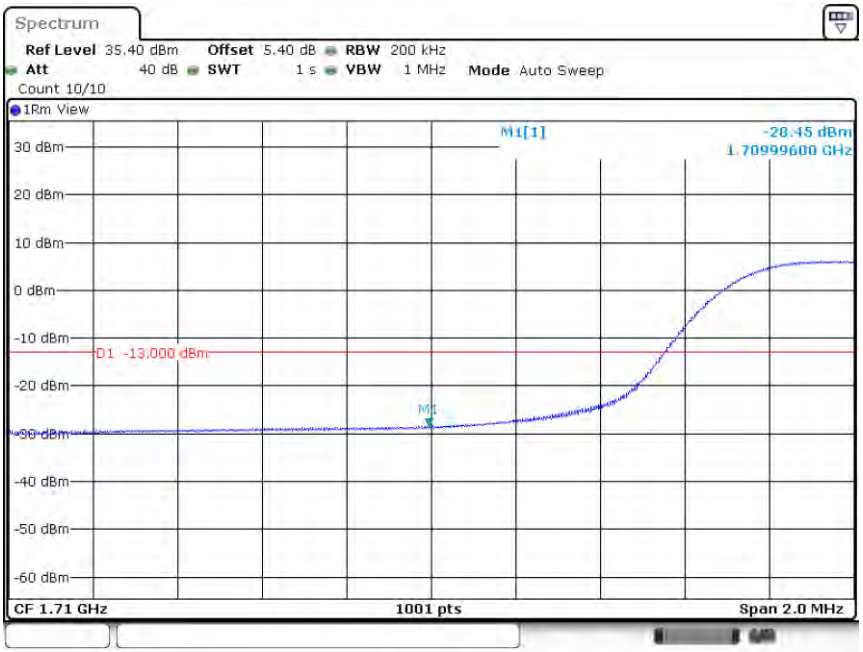
Band4-15MHz-QPSK-20025-75RB#0



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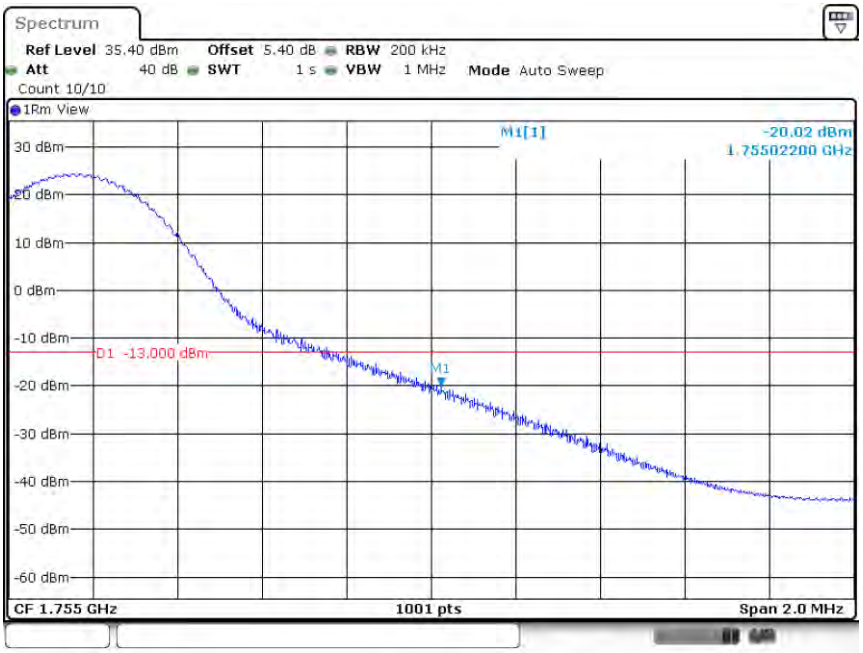
Band4-15MHz-QPSK-20325-1RB#74



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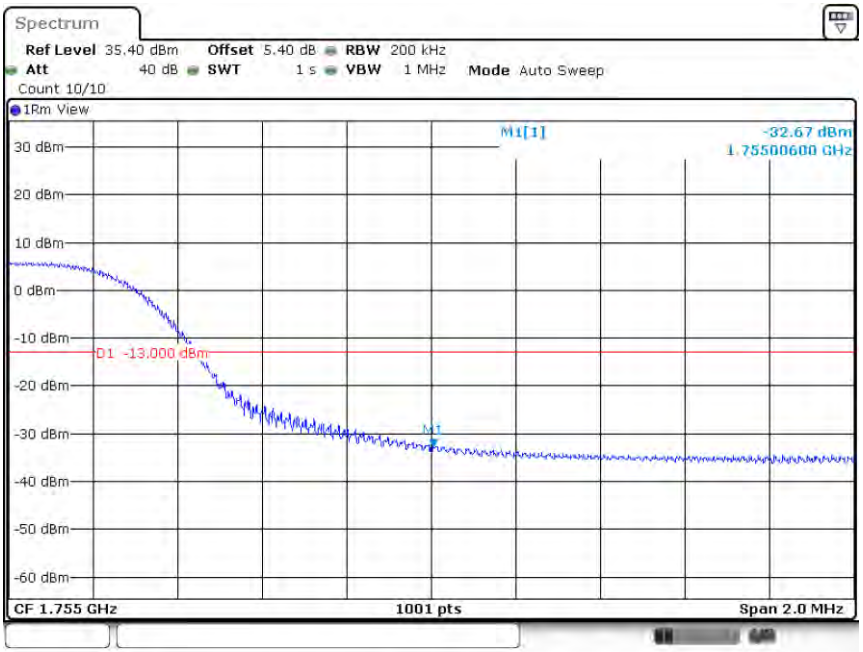
Band4-15MHz-QPSK-20325-75RB#0



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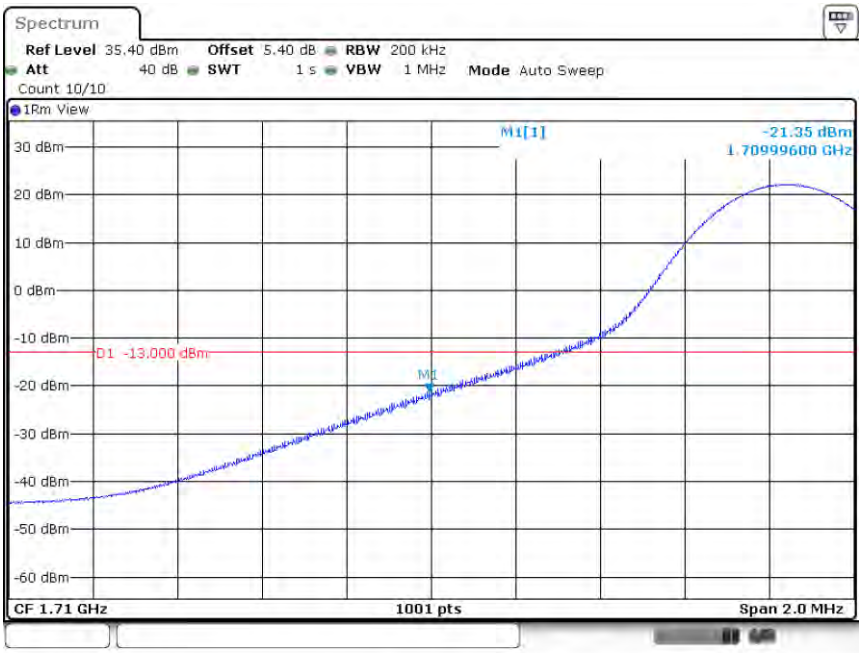
Band4-15MHz-64QAM-20025-1RB#0



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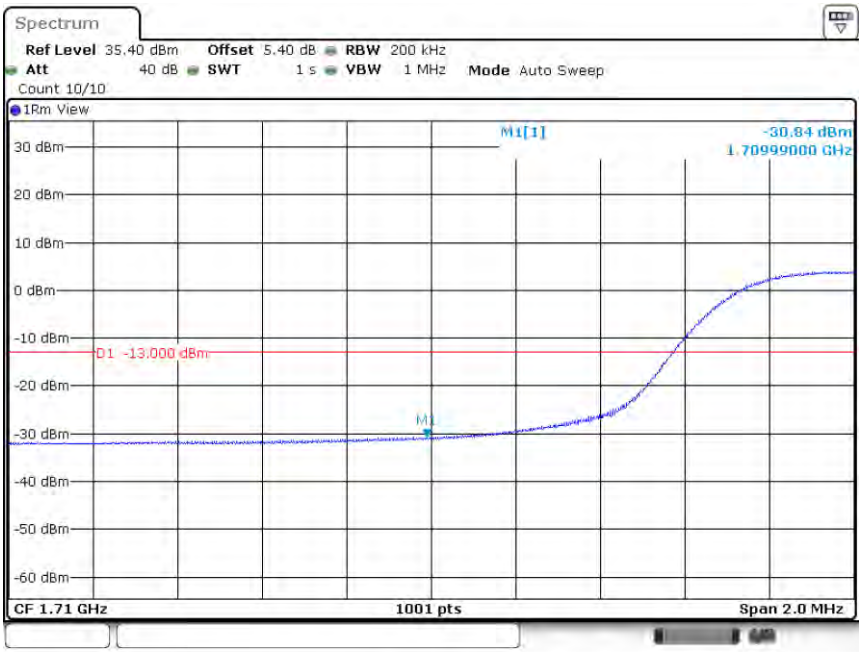
Band4-15MHz-64QAM-20025-75RB#0



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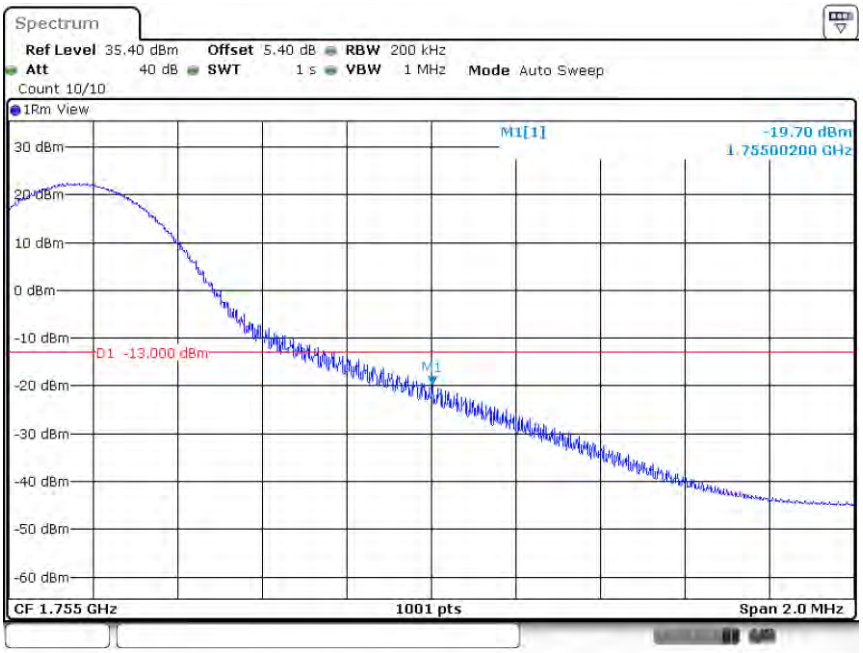
Band4-15MHz-64QAM-20325-1RB#74



Date: 29.MAR.2021 18:02:23

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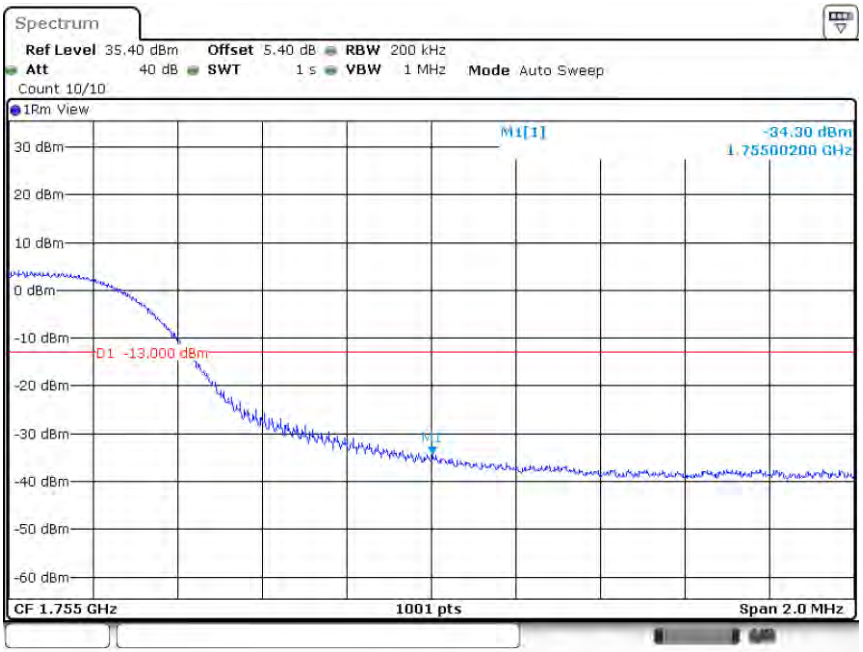
Band4-15MHz-64QAM-20325-75RB#0



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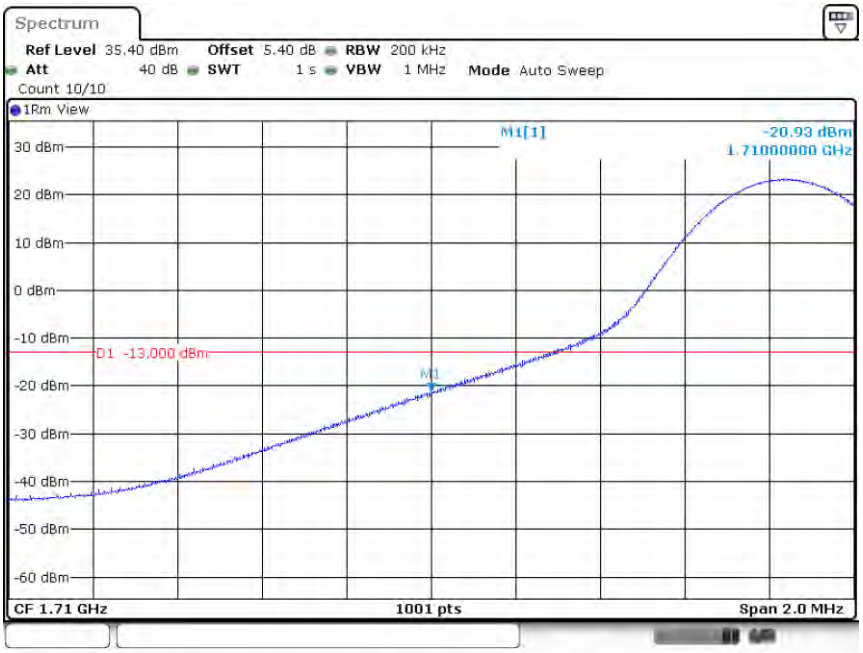

Date: 14.APR.2021 03:46:02

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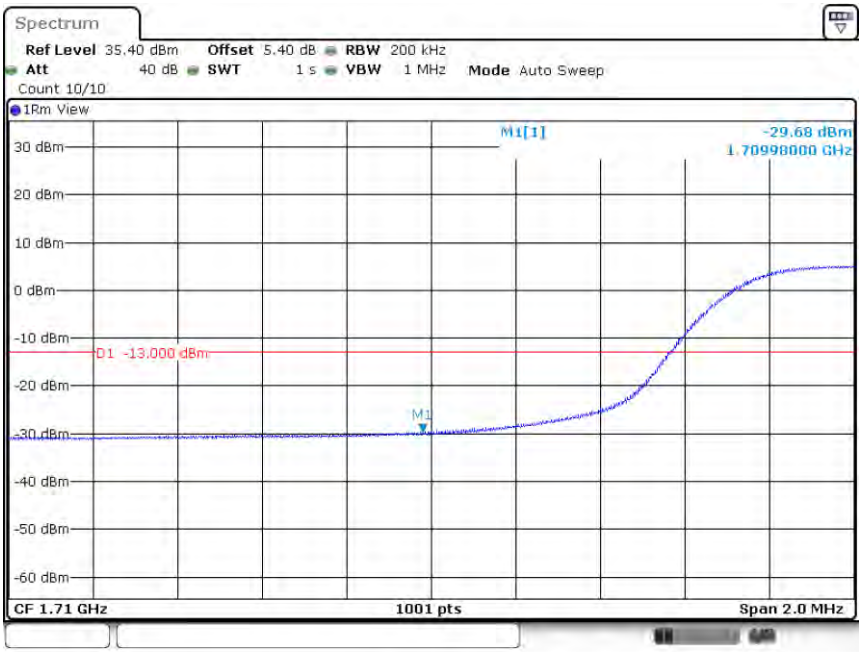
Band4-15MHz-16QAM-20025-75RB#0



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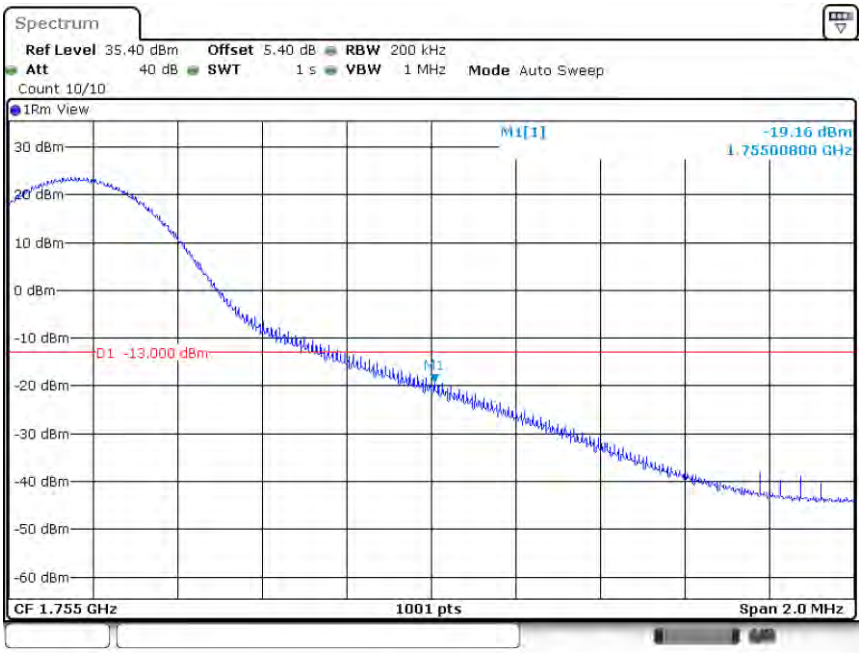

Date: 14.APR.2021 03:47:29

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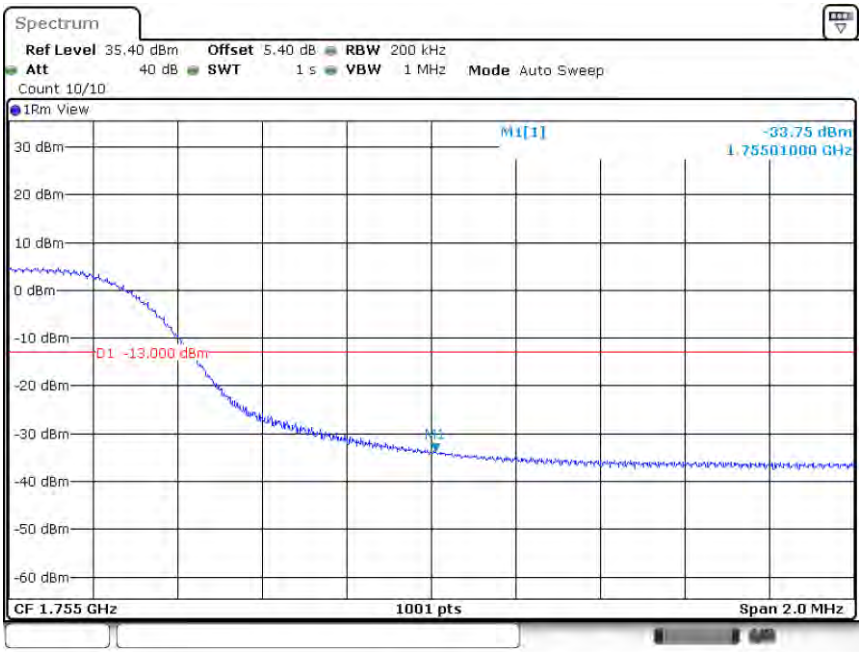
Band4-15MHz-16QAM-20325-75RB#0



Date: 14.APR.2021 03:48:11

Band4-20MHz-QPSK-20050-1RB#0

Date: 14.APR.2021 03:48:36

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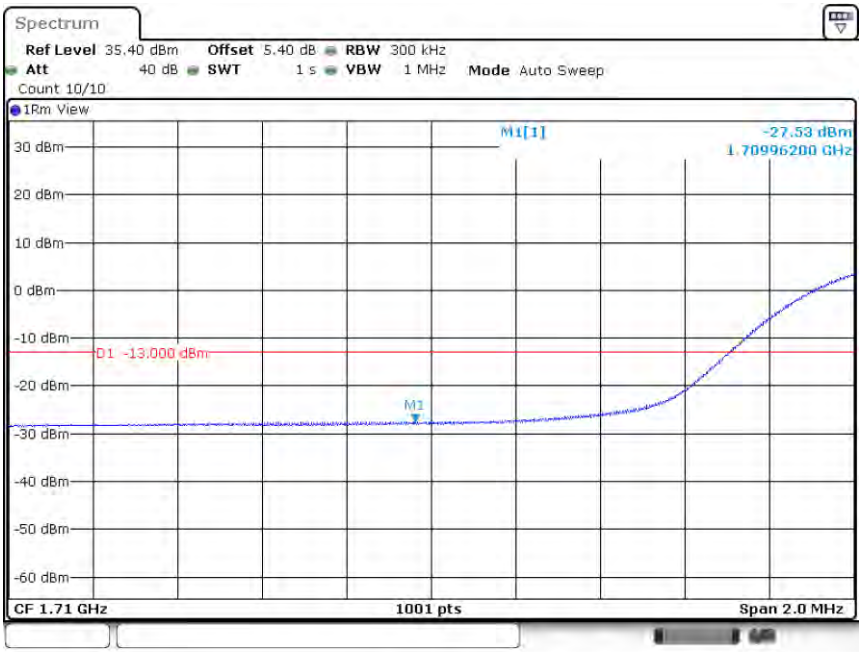
Band4-20MHz-QPSK-20050-100RB#0



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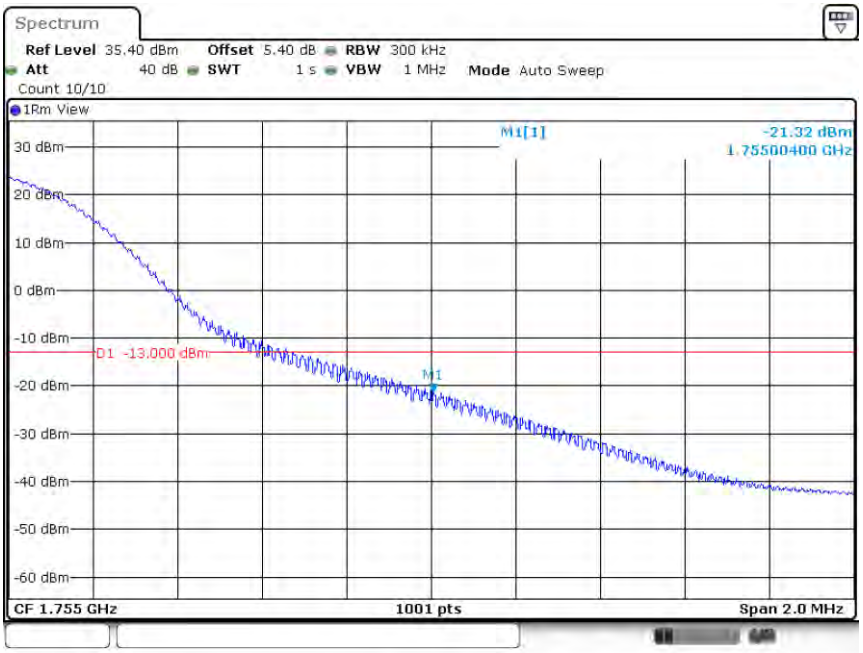
Band4-20MHz-QPSK-20300-1RB#99



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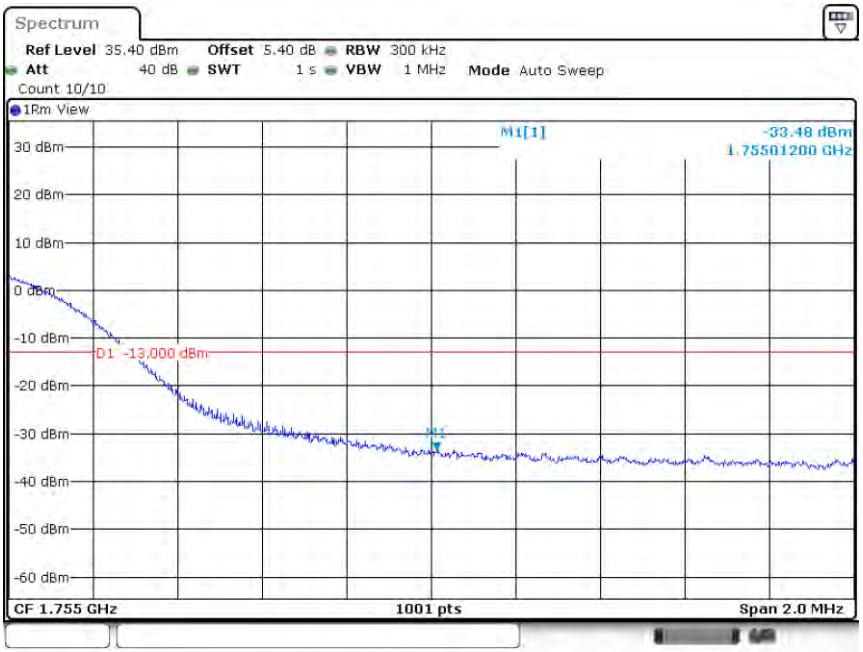
Band4-20MHz-QPSK-20300-100RB#0



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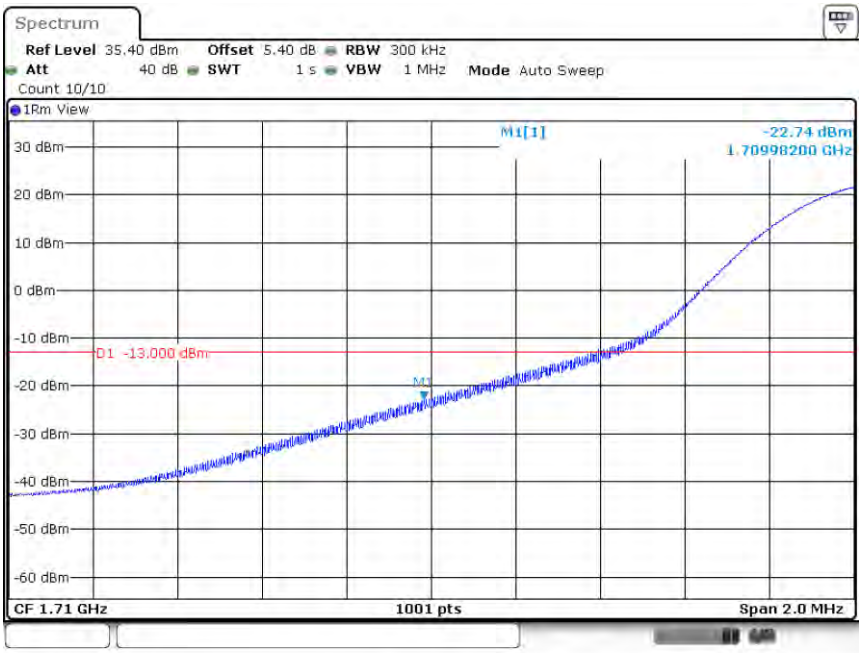
Band4-20MHz-64QAM-20050-1RB#0



Date: 29.MAR.2021 18:03:10

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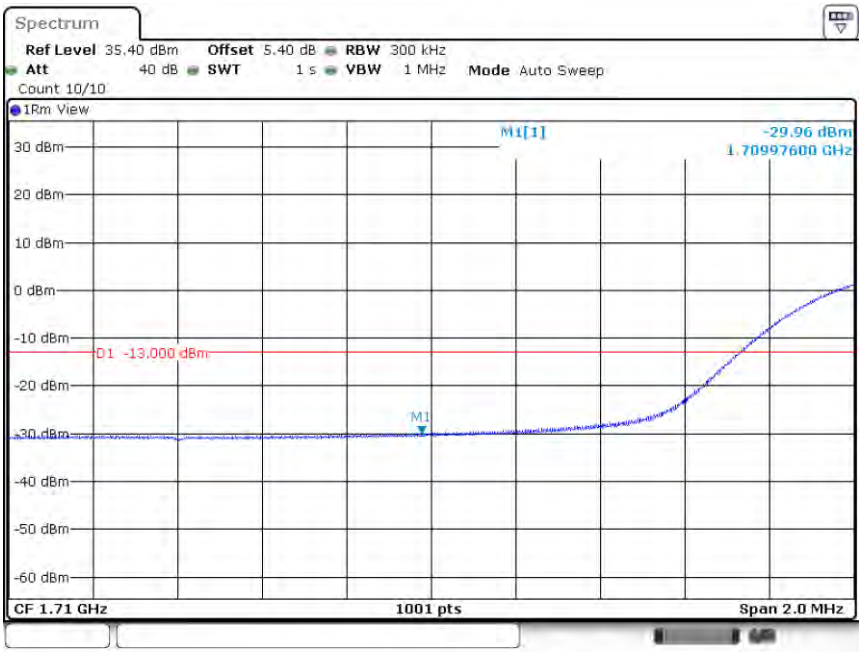
Band4-20MHz-64QAM-20050-100RB#0



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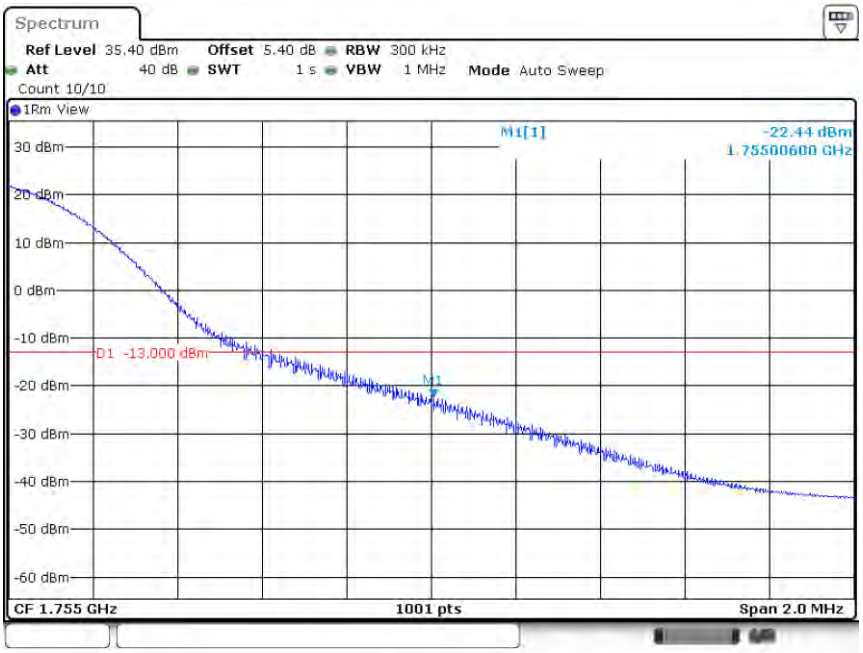
Band4-20MHz-64QAM-20300-1RB#99



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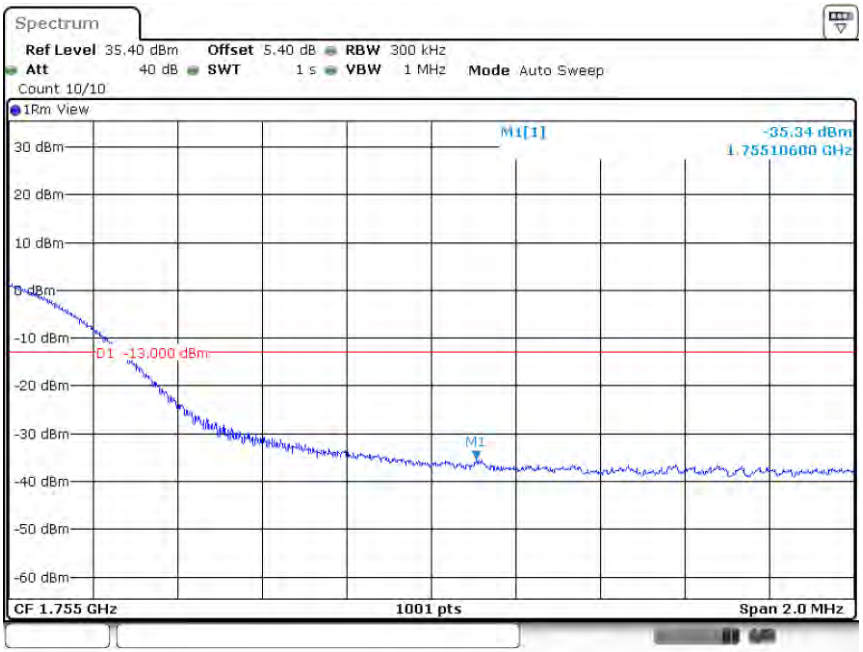
Band4-20MHz-64QAM-20300-100RB#0



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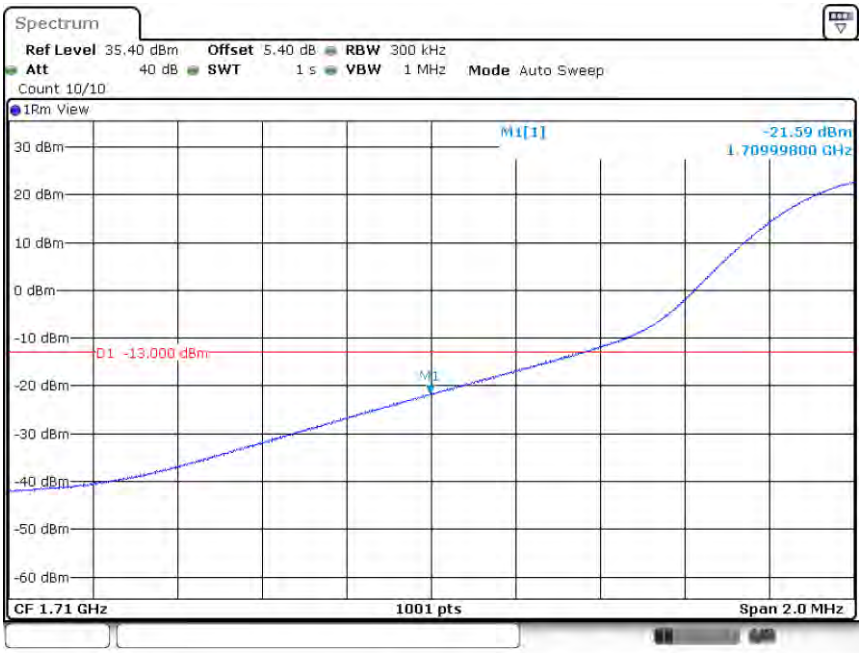

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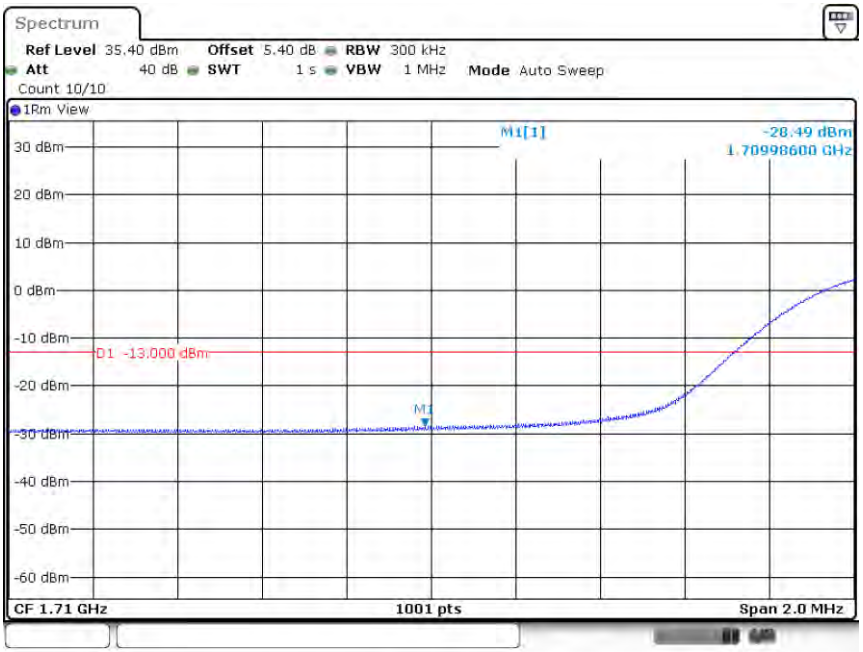

Date: 14.APR.2021 03:49:38

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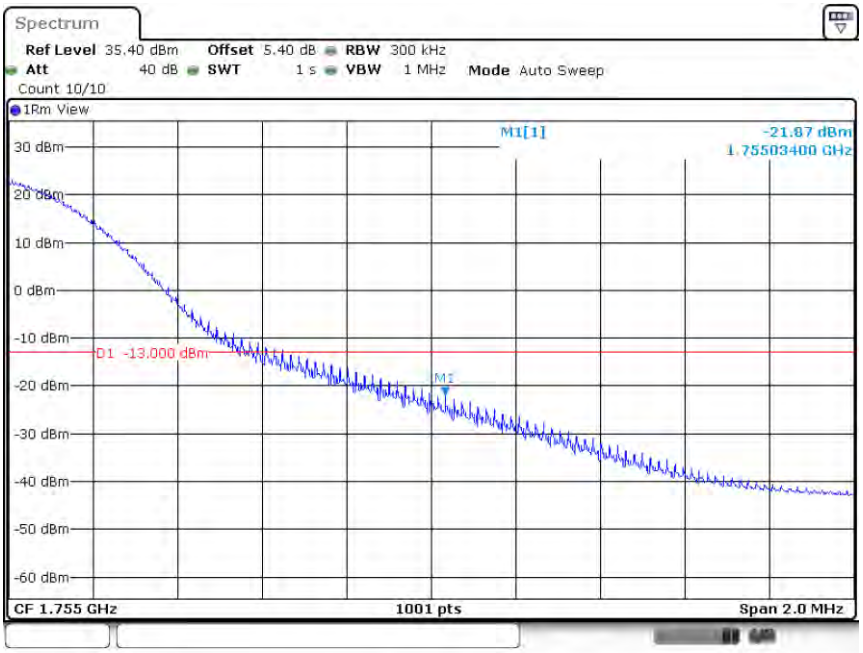

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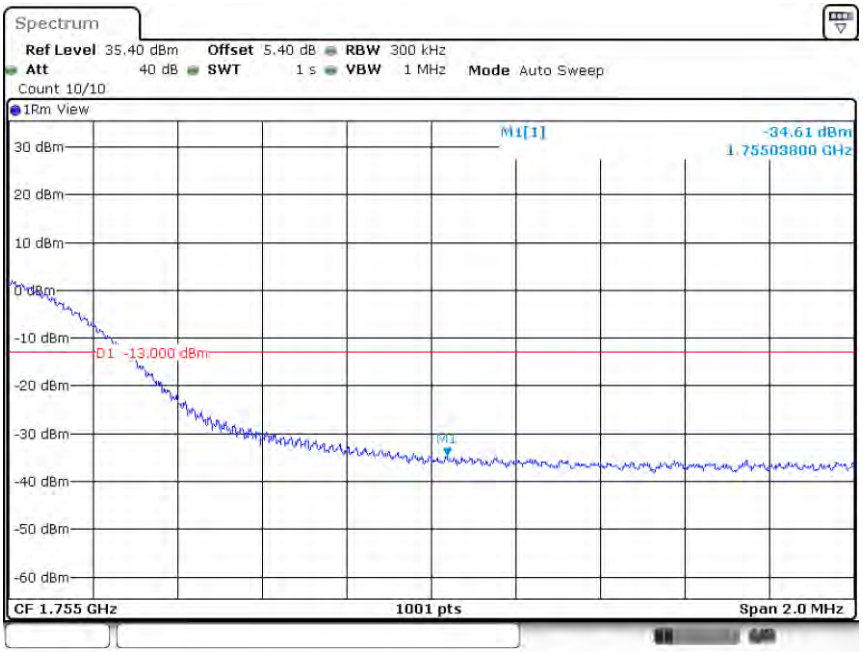

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6. Spurious Emission at Antenna Terminal

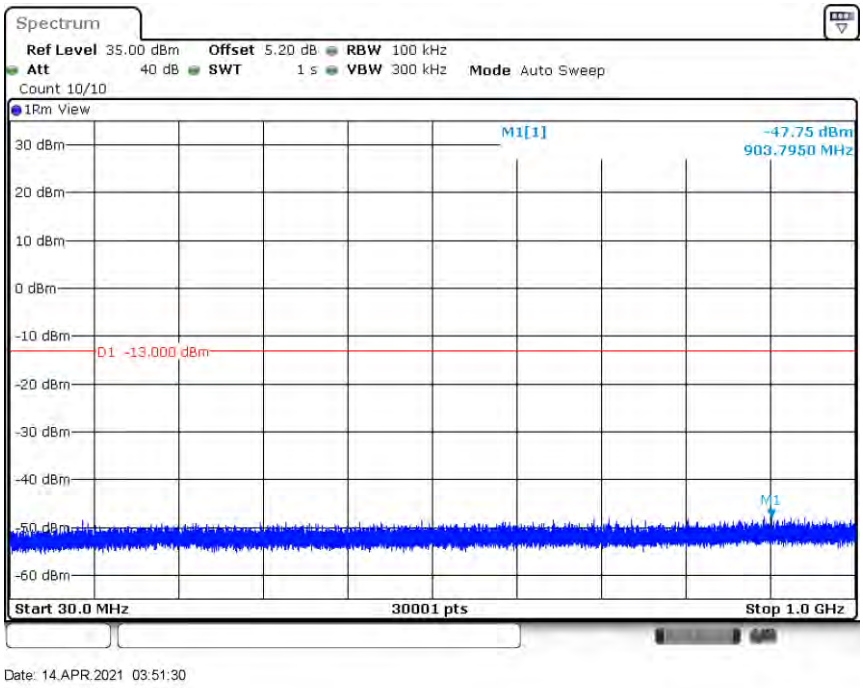
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k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

Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

6.1. Test Plots

Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



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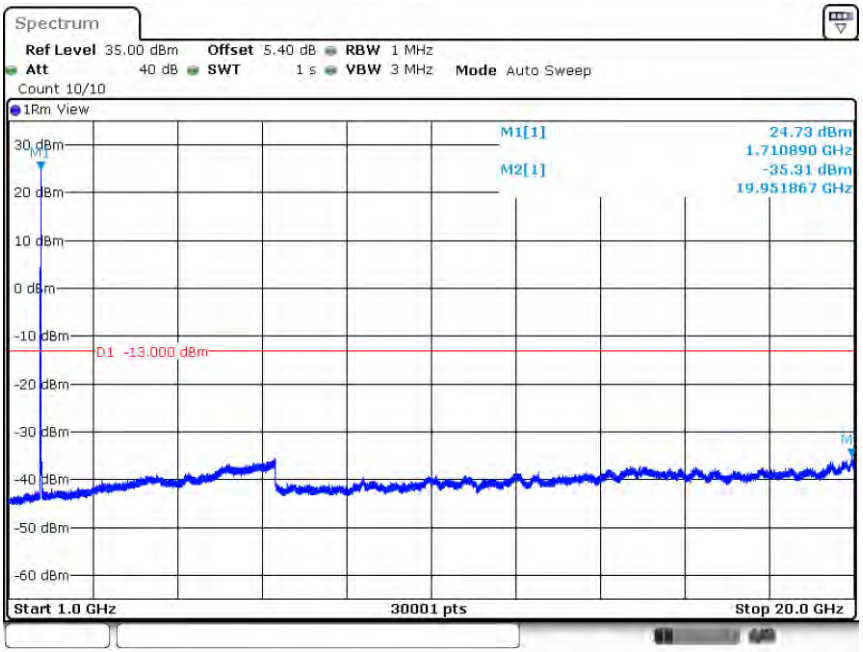
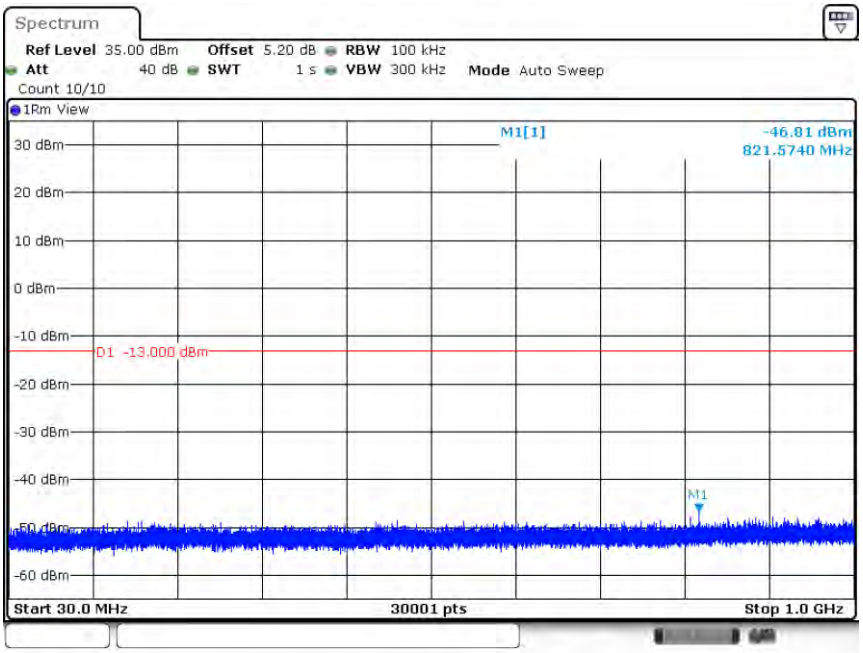
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 14.APR.2021 03:51:47

Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Date: 14.APR.2021 03:52:42

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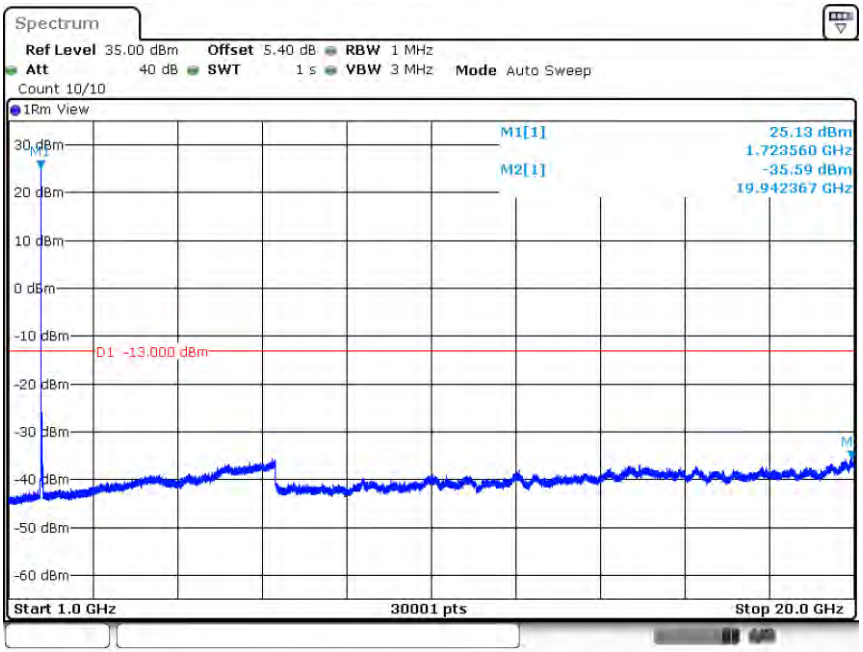
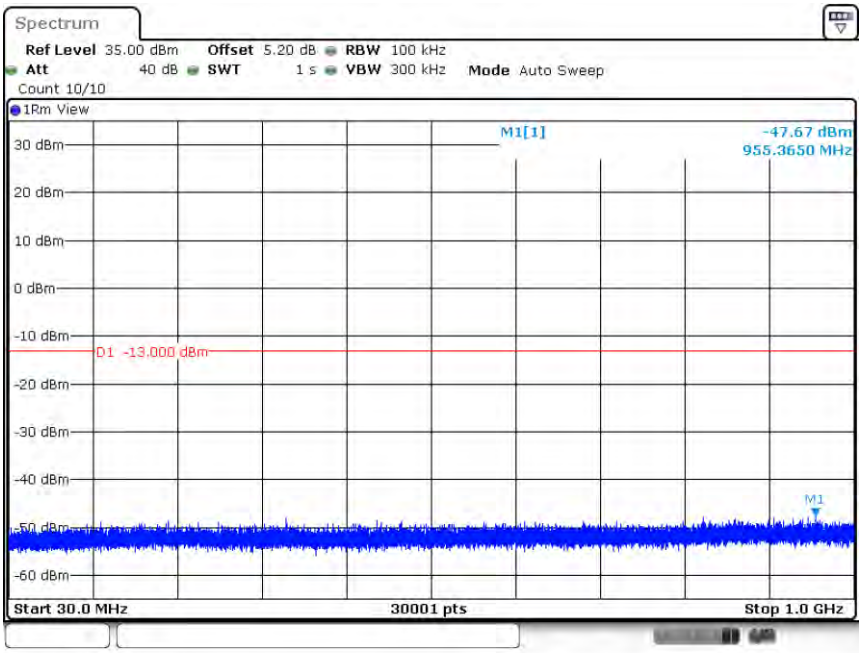
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 14.APR.2021 03:52:58

Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Date: 14.APR.2021 03:53:53

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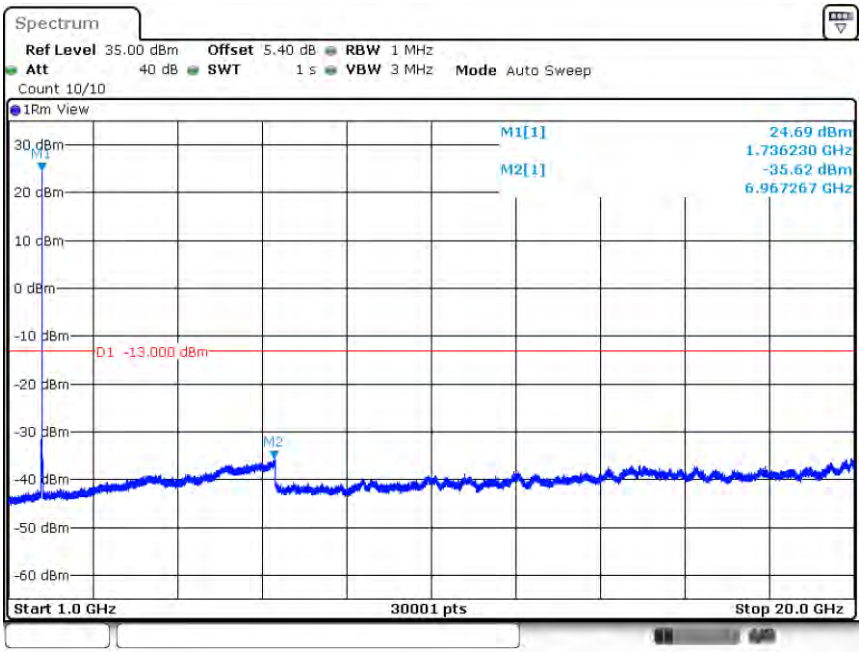
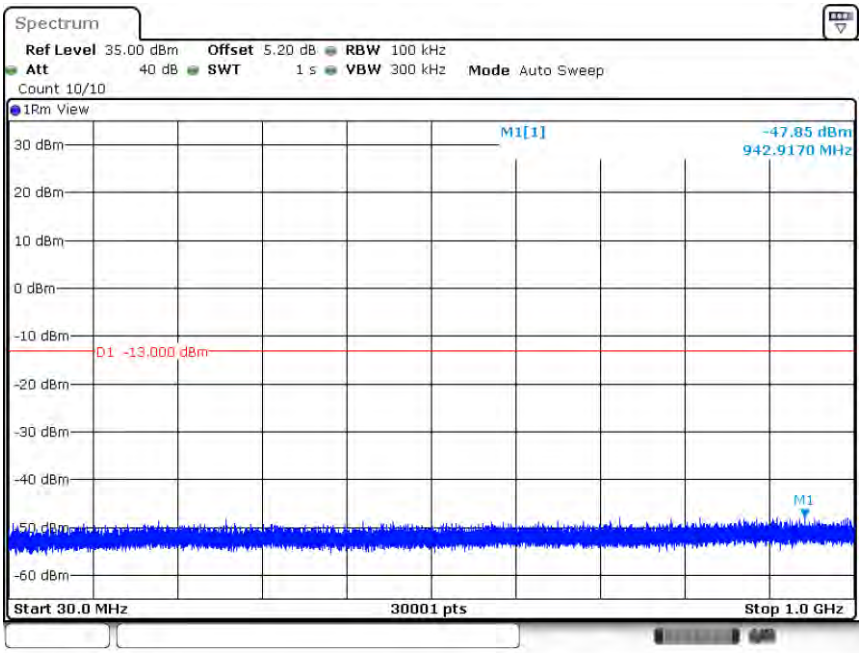
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 14.APR.2021 03:54:10

Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



Date: 14.APR.2021 04:40:31

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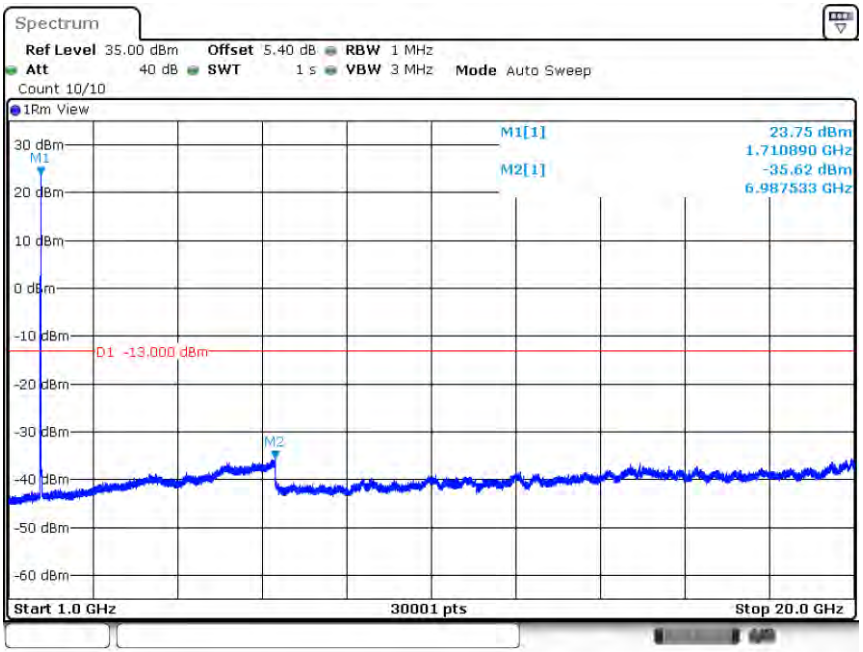
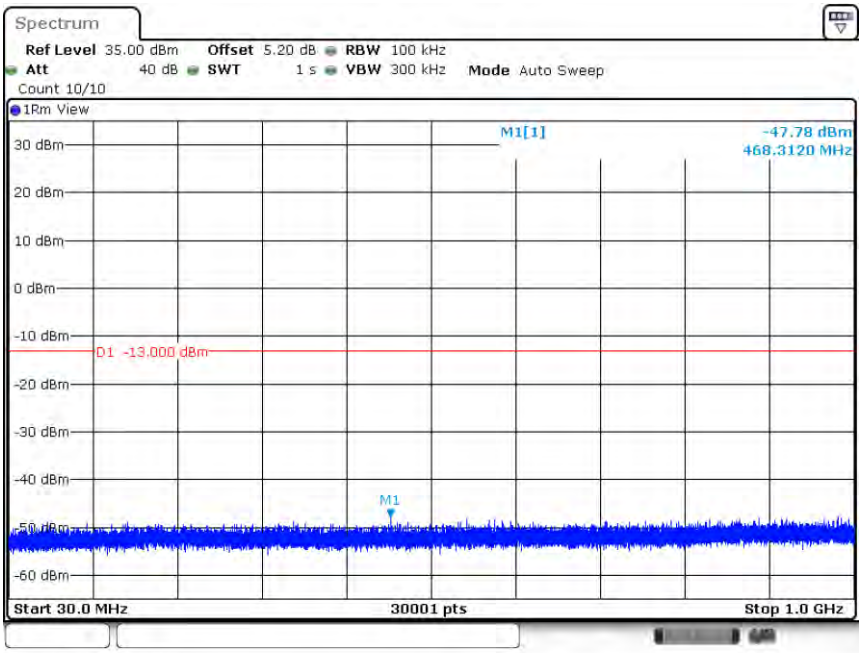
Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 14.APR.2021 04:40:48

Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



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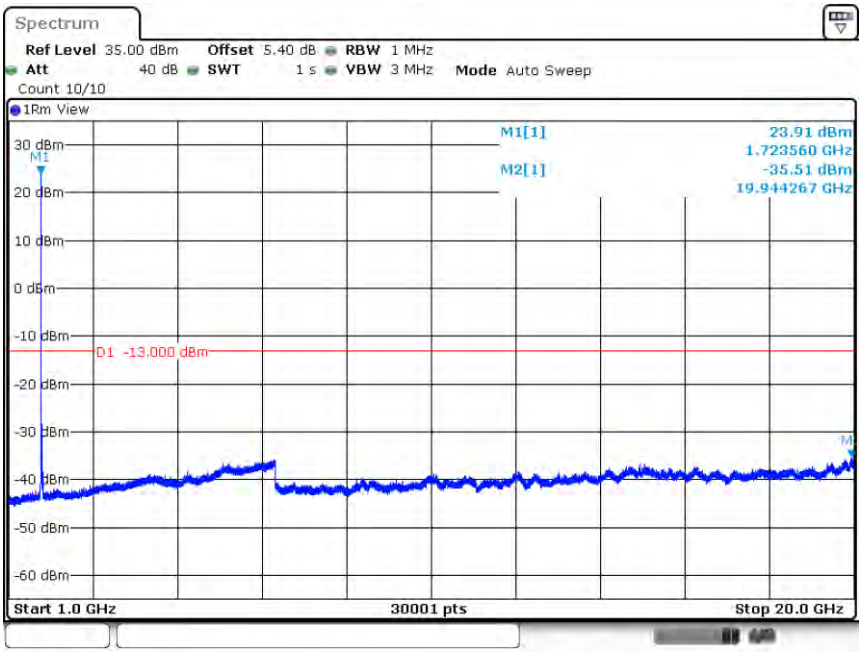
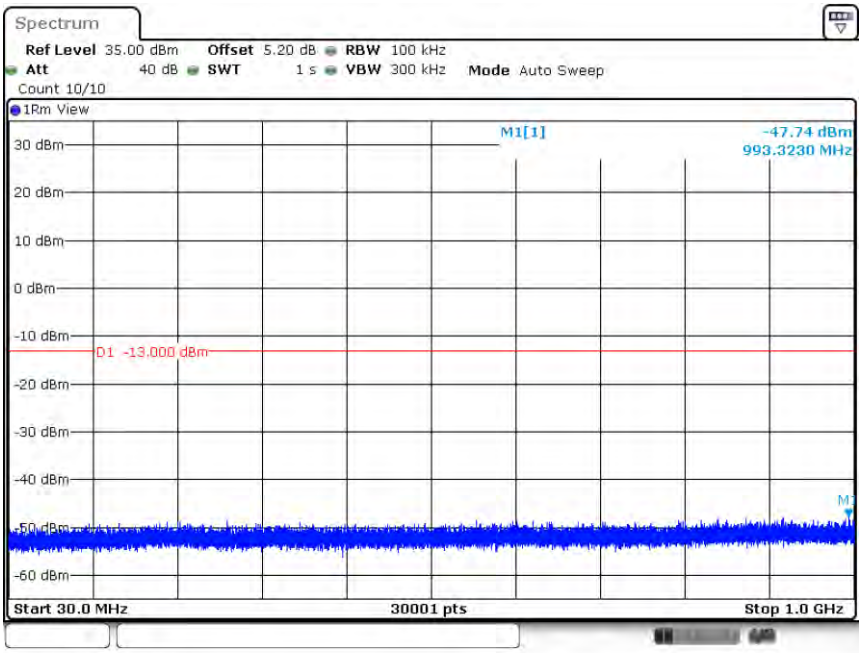
Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 14.APR.2021 04:41:24

Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz



Date: 14.APR.2021 04:41:43

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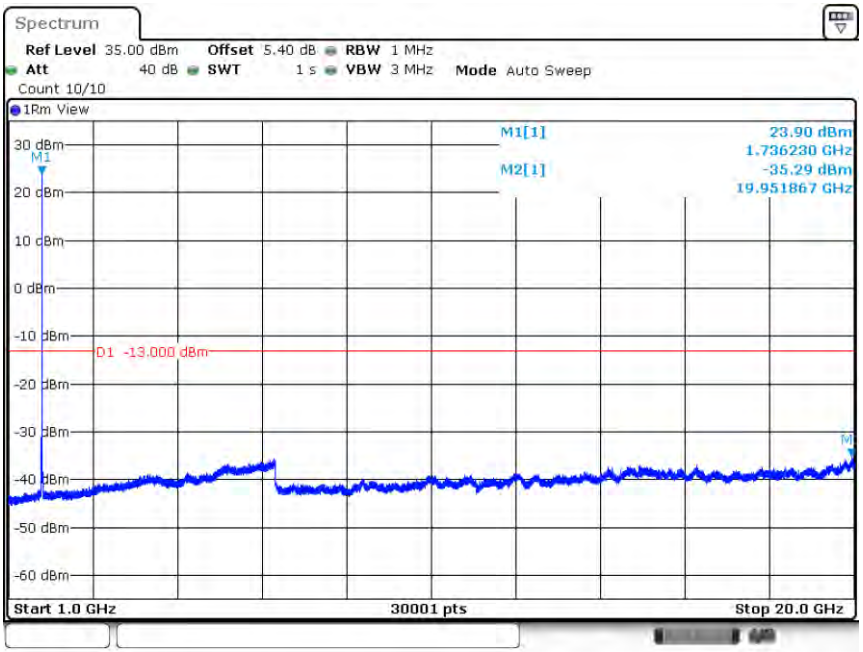
Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



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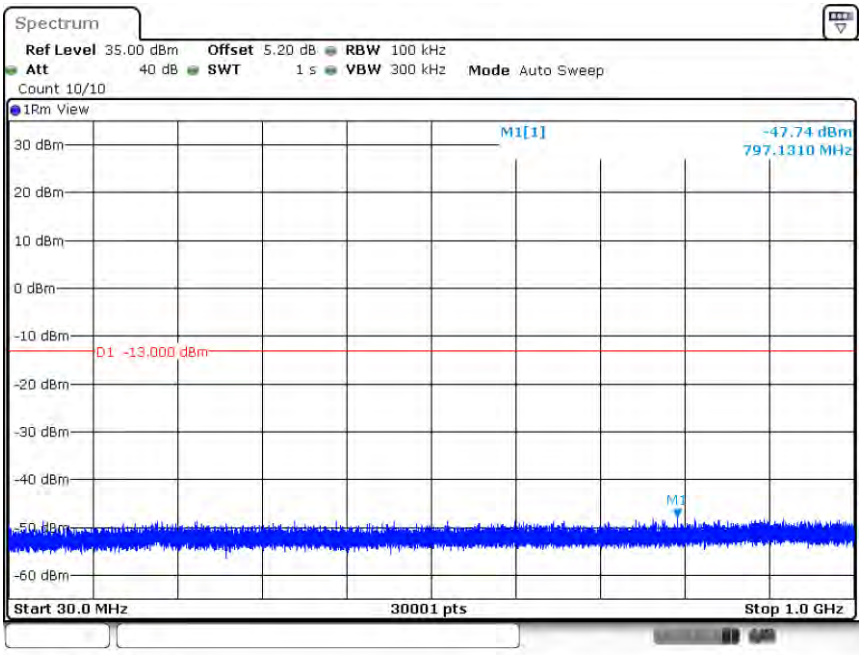
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



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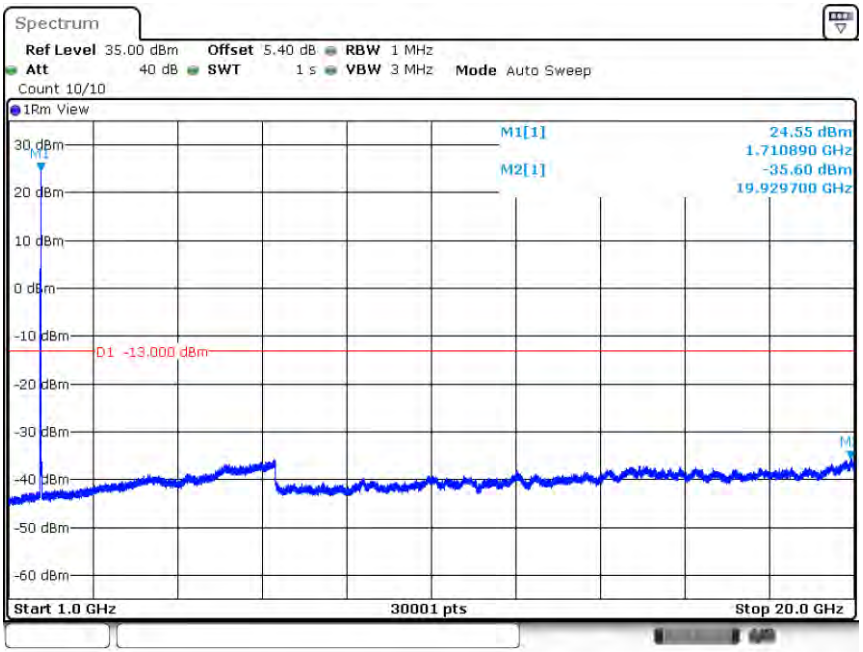

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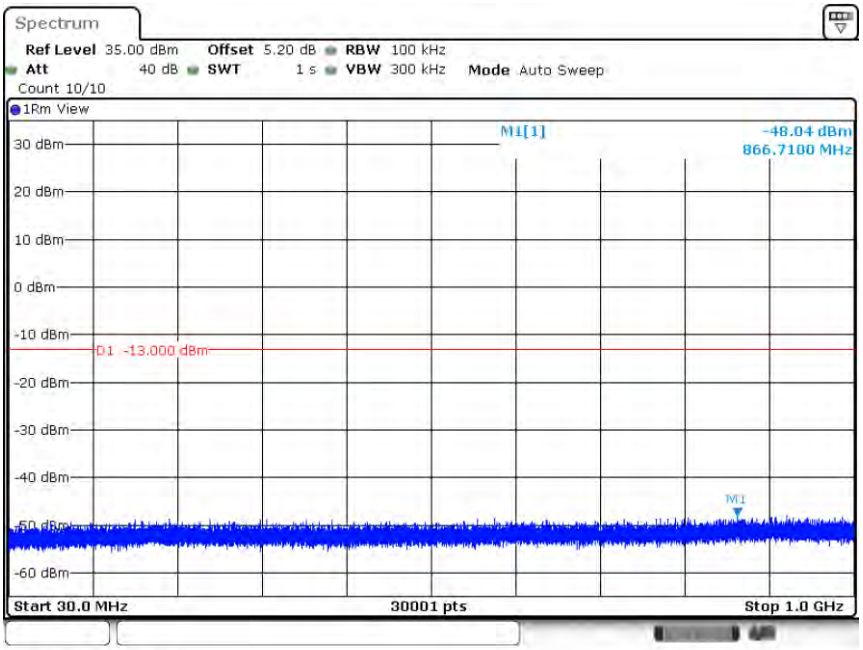

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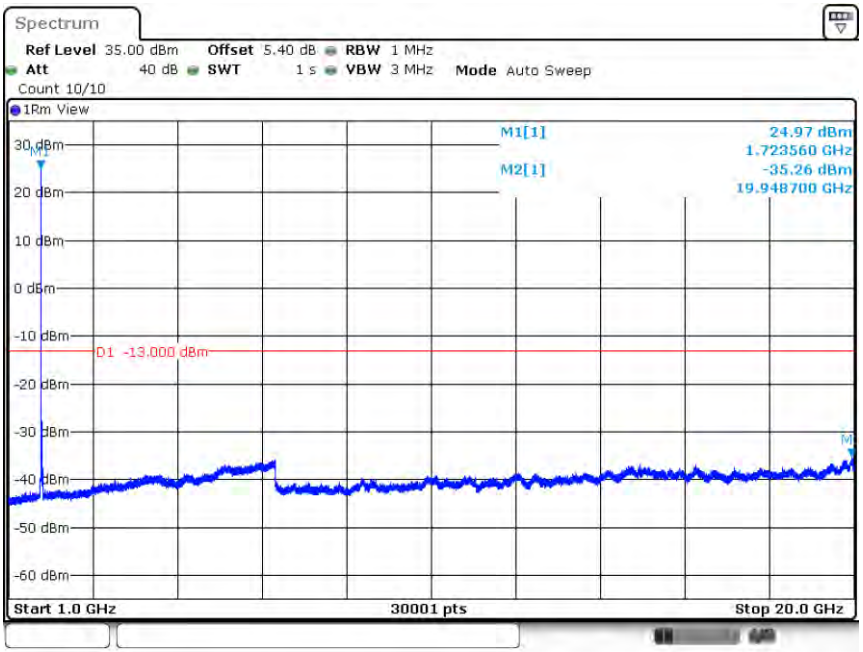

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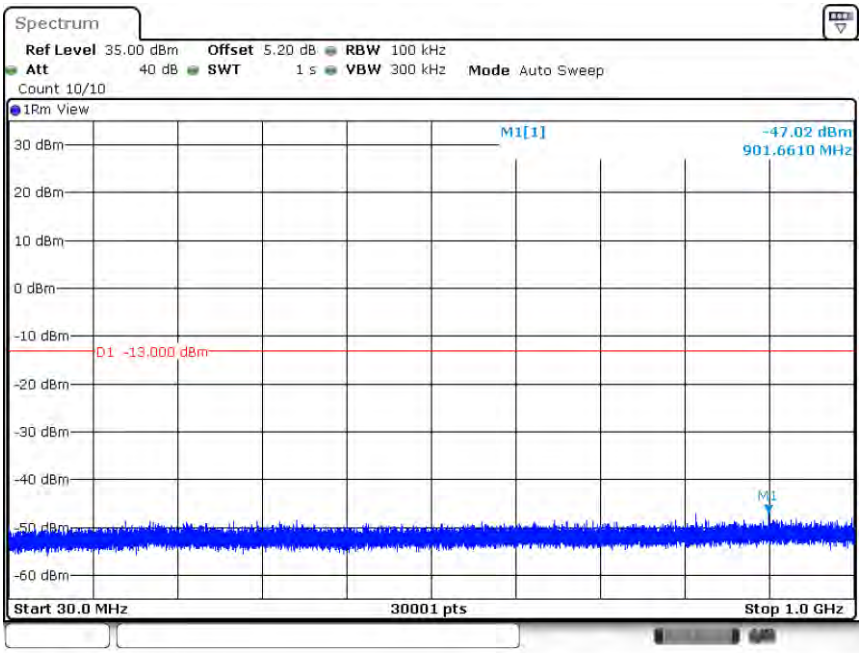
Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



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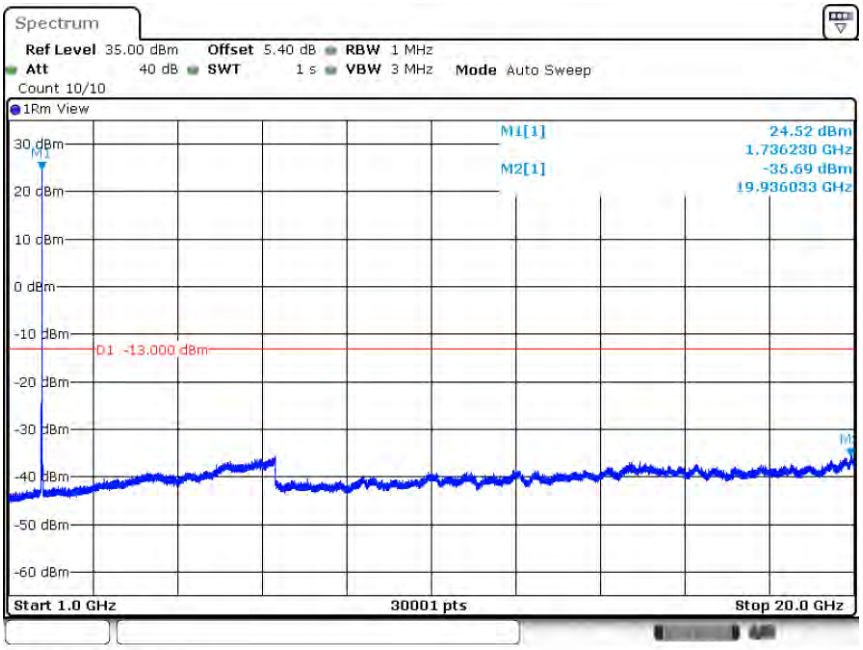

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7. Field Strength of Spurious Radiation

7.1. Test Band LTE_Band4 _TM1 ANT13

7.1.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6477	-86.54	-77.44	-13.00	64.44	Horizontal
2	248.9399	-86.36	-81.56	-13.00	68.56	Horizontal
3	598.3999	-84.90	-75.60	-13.00	62.60	Horizontal
4	5285.0000	-46.71	-45.42	-13.00	32.42	Horizontal
5	10225.000	-50.60	-43.28	-13.00	30.28	Horizontal
6	16932.500	-50.93	-35.47	-13.00	22.47	Horizontal

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7.2. Test Band LTE_Band4 _TM1 ANT13

7.2.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	48.3339	-87.06	-86.51	-13.00	73.51	Vertical
2	112.6966	-86.72	-78.07	-13.00	65.07	Vertical
3	313.5937	-86.36	-82.42	-13.00	69.42	Vertical
4	665.0908	-85.02	-75.13	-13.00	62.13	Vertical
5	5184.0000	-44.74	-45.88	-13.00	32.88	Vertical
6	14452.000	-51.62	-38.58	-13.00	25.58	Vertical

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7.3. Test Band LTE_Band4 _TM1 ANT13

7.3.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.7747	-86.59	-77.53	-13.00	64.53	Horizontal
2	240.2580	-86.07	-81.70	-13.00	68.70	Horizontal
3	621.4871	-85.63	-75.88	-13.00	62.88	Horizontal
4	5310.0000	-46.55	-45.09	-13.00	32.09	Horizontal
5	10295.000	-49.28	-42.36	-13.00	29.36	Horizontal
6	16937.500	-51.91	-36.38	-13.00	23.38	Horizontal

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7.4. Test Band LTE_Band4 _TM1 ANT13

7.4.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	50.3225	-87.12	-86.23	-13.00	73.23	Vertical
2	106.1488	-85.91	-78.16	-13.00	65.16	Vertical
3	292.5921	-86.13	-82.97	-13.00	69.97	Vertical
4	610.9135	-85.71	-75.92	-13.00	62.92	Vertical
5	5305.5000	-48.04	-47.04	-13.00	34.04	Vertical
6	14570.500	-51.95	-38.14	-13.00	25.14	Vertical

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7.5. Test Band LTE_Band4 _TM1 ANT13

7.5.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.2412	-87.30	-78.27	-13.00	65.27	Horizontal
2	249.1825	-86.07	-81.26	-13.00	68.26	Horizontal
3	619.4985	-85.55	-75.79	-13.00	62.79	Horizontal
4	5402.5000	-47.02	-47.28	-13.00	34.28	Horizontal
5	9283.5000	-49.26	-42.45	-13.00	29.45	Horizontal
6	17004.000	-52.41	-36.03	-13.00	23.03	Horizontal

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7.6. Test Band LTE_Band4 _TM1 ANT13

7.6.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.8118	-87.45	-87.45	-13.00	74.45	Vertical
2	110.8535	-86.73	-77.90	-13.00	64.90	Vertical
3	262.3751	-86.36	-84.55	-13.00	71.55	Vertical
4	610.7195	-85.77	-75.98	-13.00	62.98	Vertical
5	5136.5000	-45.58	-46.95	-13.00	33.95	Vertical
6	14879.500	-51.41	-37.60	-13.00	24.60	Vertical

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7.7. Test Band LTE_Band4 _TM1 ANT31

7.7.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.5693	-87.41	-78.61	-13.00	65.61	Horizontal
2	228.9569	-86.30	-81.42	-13.00	68.42	Horizontal
3	594.2772	-85.20	-75.74	-13.00	62.74	Horizontal
4	5286.0000	-47.61	-46.30	-13.00	33.30	Horizontal
5	9735.0000	-50.77	-43.78	-13.00	30.78	Horizontal
6	16923.500	-50.75	-35.42	-13.00	22.42	Horizontal

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7.8. Test Band LTE_Band4 _TM1 ANT31

7.8.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.6663	-88.46	-88.49	-13.00	75.49	Vertical
2	109.8835	-87.33	-78.45	-13.00	65.45	Vertical
3	391.8281	-86.14	-80.68	-13.00	67.68	Vertical
4	5299.5000	-48.41	-47.34	-13.00	34.34	Vertical
5	9313.5000	-50.46	-43.59	-13.00	30.59	Vertical
6	14634.000	-51.74	-38.32	-13.00	25.32	Vertical

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7.9. Test Band LTE_Band4 _TM1 ANT31

7.9.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0101	-86.84	-77.92	-13.00	64.92	Horizontal
2	237.5904	-86.09	-81.56	-13.00	68.56	Horizontal
3	2130.8000	-48.10	-25.56	-13.00	12.56	Horizontal
4	5158.0000	-45.91	-46.88	-13.00	33.88	Horizontal
5	11348.5000	-50.48	-41.47	-13.00	28.47	Horizontal
6	16963.500	-51.45	-35.49	-13.00	22.49	Horizontal

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7.10. Test Band LTE_Band4 _TM1 ANT31

7.10.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	105.7123	-86.53	-78.92	-13.00	65.92	Vertical
2	595.0533	-85.09	-75.78	-13.00	62.78	Vertical
3	2134.1000	-47.28	-24.84	-13.00	11.84	Vertical
4	5297.0000	-47.82	-46.80	-13.00	33.80	Vertical
5	14403.500	-50.60	-37.64	-13.00	24.64	Vertical
6	17996.500	-50.68	-31.23	-13.00	18.23	Vertical

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7.11. Test Band LTE_Band4 _TM1 ANT31

7.11.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.5136	-86.82	-77.82	-13.00	64.82	Horizontal
2	549.6550	-85.90	-77.48	-13.00	64.48	Horizontal
3	2150.8000	-47.90	-25.12	-13.00	12.12	Horizontal
4	5343.5000	-46.00	-45.04	-13.00	32.04	Horizontal
5	12739.500	-51.33	-39.79	-13.00	26.79	Horizontal
6	16649.000	-49.95	-35.87	-13.00	22.87	Horizontal

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7.12. Test Band LTE_Band4 _TM1 ANT31

7.12.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	108.7679	-86.82	-78.28	-13.00	65.28	Vertical
2	587.2444	-86.19	-76.92	-13.00	63.92	Vertical
3	2949.3000	-58.71	-35.43	-13.00	22.43	Vertical
4	5137.5000	-45.48	-46.85	-13.00	33.85	Vertical
5	14550.000	-52.46	-38.01	-13.00	25.01	Vertical
6	17986.500	-51.74	-32.27	-13.00	19.27	Vertical

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8. Frequency Stability

8.1. Frequency Vs 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	7.30	0.004244	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	9.40	0.005465	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	5.00	0.002907	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	0.50	0.000289	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	10.30	0.005945	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	3.40	0.001962	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	4.60	0.002636	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	5.10	0.002923	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	3.70	0.002120	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	0.50	0.000291	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	3.10	0.001802	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	2.30	0.001337	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	7.00	0.004040	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	7.10	0.004098	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	7.00	0.004040	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	0.20	0.000115	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	6.10	0.003496	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	2.10	0.001203	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	6.00	0.003488	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	0.60	0.000349	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	1.50	0.000872	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	2.90	0.001674	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	6.40	0.003694	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	6.10	0.003521	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	7.20	0.004126	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	8.70	0.004986	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	3.90	0.002235	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	9.10	0.005291	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	2.10	0.001221	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	6.50	0.003779	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	5.80	0.003372	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.60	0.002093	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	3.50	0.002035	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	5.60	0.003256	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	3.00	0.001744	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	1.20	0.000698	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	2.90	0.001674	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	4.90	0.002828	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	4.20	0.002424	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	5.30	0.003059	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	8.90	0.005137	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	4.70	0.002713	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	5.70	0.003290	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	4.50	0.002597	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	10.30	0.005945	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	5.40	0.003095	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	4.10	0.002350	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	6.70	0.003840	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	4.40	0.002521	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	9.30	0.005330	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	8.40	0.004814	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	7.00	0.004011	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	7.20	0.004126	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	10.30	0.005903	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	6.60	0.003837	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	4.60	0.002674	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	7.40	0.004302	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	7.60	0.004419	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	2.60	0.001512	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	2.70	0.001570	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	3.70	0.002151	±2.5	PASS

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Band4	20MHz	64QAM	20050	100RB#0	NV	40	5.50	0.003198	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	5.30	0.003081	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	7.20	0.004156	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	6.90	0.003983	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	8.50	0.004906	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	6.20	0.003579	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	6.20	0.003579	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	8.20	0.004733	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	3.90	0.002251	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	6.90	0.003983	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	5.50	0.003175	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	4.40	0.002521	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	3.30	0.001891	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	2.70	0.001547	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	8.00	0.004585	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	7.60	0.004355	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	8.70	0.004986	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	7.90	0.004527	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	7.00	0.004011	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	7.90	0.004527	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	0.90	0.000523	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	4.60	0.002674	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	6.00	0.003488	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	6.60	0.003837	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	6.00	0.003488	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	3.80	0.002209	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	1.60	0.000930	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	0.70	0.000407	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	2.70	0.001570	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	6.10	0.003521	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	4.10	0.002367	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	5.10	0.002944	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	5.00	0.002886	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	2.80	0.001616	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	5.50	0.003175	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	7.90	0.004560	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	5.70	0.003290	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	6.20	0.003579	±2.5	PASS

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Band4	20MHz	16QAM	20300	100RB#0	NV	-30	8.60	0.004928	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	10.80	0.006189	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	10.70	0.006132	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	9.10	0.005215	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	5.90	0.003381	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	11.60	0.006648	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	12.30	0.007049	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	8.40	0.004814	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	10.20	0.005845	±2.5	PASS

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