

MAXIMUM POWER SPECTRAL DENSITY

5.8GHz



XMir 2017.09.21

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	Fairview Microwave	SA18S5W-20	RFX	12-Jun-17	12-Jun-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. The radio was operated in the modes as shown in the following data sheets.

Prior to measuring maximum power spectral density, the transmission pulse duration (T) was measured. The transmission pulse duration and the associated data are found elsewhere in this test report.

The maximum power spectral density was measured using ANSI C63.10, Method SA-1 (RMS detection and trace averaging with the EUT transmitting at full power throughout each sweep), consistent with the method used for maximum conducted output power.

The spectrum analyzer settings were set per the guidance as well as the following specifics:

- Resolution Bandwidth of 510 kHz
- RMS Detector
- Trace average 100 traces in power averaging mode

The peak power spectral density (PPSD) was determined to be the highest level found across the emission in any 510 kHz band

MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



EUT: M4-2000		Work Order: MAX40003				
Serial Number: 33		Date: 23-Oct-17				
Customer: Kwikbit, Inc.		Temperature: 22.1 °C				
Attendees: None		Humidity: 38.4% RH				
Project: None		Barometric Pres.: 1011 mbar				
Tested by: Dustin Sparks		Job Site: MN08				
Power: 110VAC/60Hz						
TEST SPECIFICATIONS		Test Method				
FCC 15.407:2017		ANSI C63.10:2013				
COMMENTS						
None						
DEVIATIONS FROM TEST STANDARD						
None						
Configuration #	2	Signature 				
		Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results
5725 - 5850 MHz						
5735 MHz (Low Channel), 10 MHz BW						
4-QAM						
	Radio 1, Port RF0	11.649	0	11.6	30	Pass
	Radio 1, Port RF1	11.522	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.6	30	Pass
	Radio 2, Port RF0	11.569	0	11.6	30	Pass
	Radio 2, Port RF1	11.528	0	11.5	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.6	30	Pass
16-QAM						
	Radio 1, Port RF0	11.579	0	11.6	30	Pass
	Radio 1, Port RF1	11.498	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.6	30	Pass
	Radio 2, Port RF0	11.341	0	11.3	30	Pass
	Radio 2, Port RF1	11.28	0	11.3	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.3	30	Pass
64-QAM						
	Radio 1, Port RF0	11.624	0	11.6	30	Pass
	Radio 1, Port RF1	11.545	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.6	30	Pass
	Radio 2, Port RF0	11.384	0	11.4	30	Pass
	Radio 2, Port RF1	11.393	0	11.4	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.4	30	Pass
256-QAM						
	Radio 1, Port RF0	11.541	0	11.5	30	Pass
	Radio 1, Port RF1	11.513	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.5	30	Pass
	Radio 2, Port RF0	11.422	0	11.4	30	Pass
	Radio 2, Port RF1	11.389	0	11.4	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.4	30	Pass
1024-QAM						
	Radio 1, Port RF0	11.626	0	11.6	30	Pass
	Radio 1, Port RF1	11.52	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.6	30	Pass
	Radio 2, Port RF0	11.619	0	11.6	30	Pass
	Radio 2, Port RF1	11.476	0	11.5	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.6	30	Pass
5795 MHz (Mid Channel), 10 MHz BW						
4-QAM						
	Radio 1, Port RF0	11.359	0	11.4	30	Pass
	Radio 1, Port RF1	11.532	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.5	30	Pass
	Radio 2, Port RF0	11.656	0	11.7	30	Pass
	Radio 2, Port RF1	11.375	0	11.4	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.6	30	Pass
16-QAM						
	Radio 1, Port RF0	11.299	0	11.3	30	Pass
	Radio 1, Port RF1	11.375	0	11.4	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.4	30	Pass
	Radio 2, Port RF0	11.524	0	11.5	30	Pass
	Radio 2, Port RF1	11.171	0	11.2	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.4	30	Pass
64-QAM						
	Radio 1, Port RF0	11.269	0	11.3	30	Pass
	Radio 1, Port RF1	11.479	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.4	30	Pass
	Radio 2, Port RF0	11.504	0	11.5	30	Pass
	Radio 2, Port RF1	11.27	0	11.3	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.4	30	Pass
256-QAM						
	Radio 1, Port RF0	11.274	0	11.3	30	Pass
	Radio 1, Port RF1	11.474	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.4	30	Pass
	Radio 2, Port RF0	11.578	0	11.6	30	Pass
	Radio 2, Port RF1	11.267	0	11.3	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.5	30	Pass
1024-QAM						
	Radio 1, Port RF0	11.35	0	11.4	30	Pass
	Radio 1, Port RF1	11.458	0	11.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	14.5	30	Pass
	Radio 2, Port RF0	11.536	0	11.5	30	Pass
	Radio 2, Port RF1	11.262	0	11.3	30	Pass
	Radio 2 Linear Sum	N/A	N/A	14.4	30	Pass
5845 MHz (High Channel), 10 MHz BW						
4-QAM						
	Radio 1, Port RF0	10.028	0	10	30	Pass
	Radio 1, Port RF1	9.736	0	9.7	30	Pass
	Radio 1 Linear Sum	N/A	N/A	12.9	30	Pass
	Radio 2, Port RF0	10.012	0	10	30	Pass
	Radio 2, Port RF1	9.68	0	9.7	30	Pass
	Radio 2 Linear Sum	N/A	N/A	12.9	30	Pass
16-QAM						
	Radio 1, Port RF0	9.921	0	9.9	30	Pass
	Radio 1, Port RF1	9.536	0	9.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	12.7	30	Pass
	Radio 2, Port RF0	9.894	0	9.9	30	Pass
	Radio 2, Port RF1	9.539	0	9.5	30	Pass
	Radio 2 Linear Sum	N/A	N/A	12.7	30	Pass
64-QAM						
	Radio 1, Port RF0	9.882	0	9.9	30	Pass

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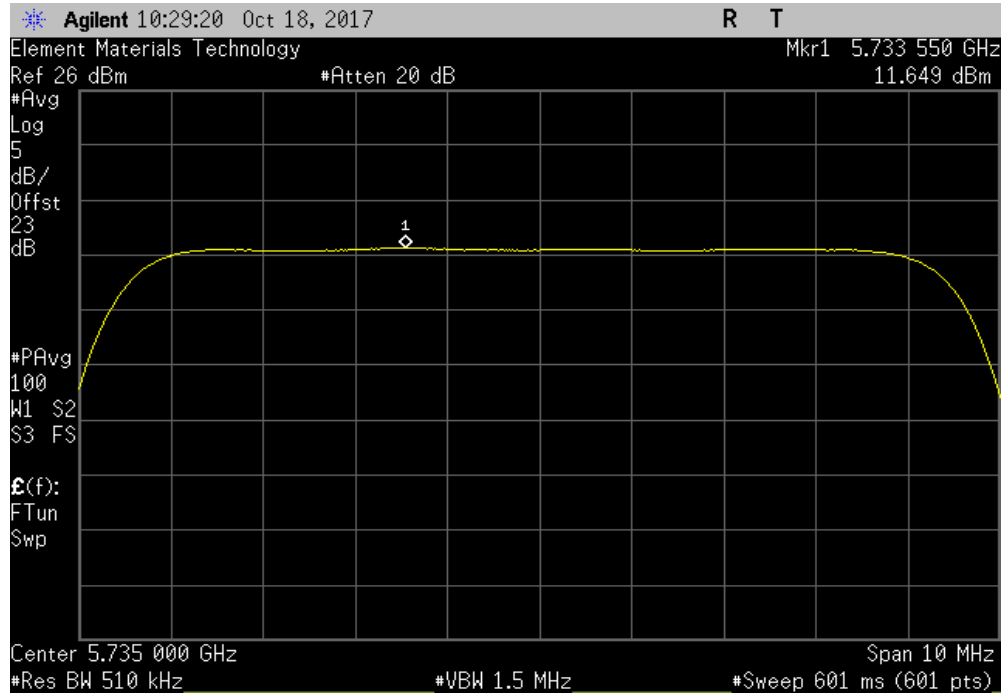
	Radio 2 Linear Sum	N/A	N/A	11.0	30	Pass
1024-QAM						
	Radio 1, Port RF0	8.141	0	8.1	30	Pass
	Radio 1, Port RF1	7.685	0	7.7	30	Pass
	Radio 1 Linear Sum	N/A	N/A	10.9	30	Pass
	Radio 2, Port RF0	8.123	0	8.1	30	Pass
	Radio 2, Port RF1	7.675	0	7.7	30	Pass
	Radio 2 Linear Sum	N/A	N/A	10.9	30	Pass
5755 MHz (Low Channel), 40 MHz BW						
4-QAM						
	Radio 1, Port RF0	5.461	0	5.5	30	Pass
	Radio 1, Port RF1	5.428	0	5.4	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.5	30	Pass
	Radio 2, Port RF0	5.532	0	5.5	30	Pass
	Radio 2, Port RF1	5.296	0	5.3	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.4	30	Pass
16-QAM						
	Radio 1, Port RF0	5.421	0	5.4	30	Pass
	Radio 1, Port RF1	5.39	0	5.4	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.4	30	Pass
	Radio 2, Port RF0	5.389	0	5.4	30	Pass
	Radio 2, Port RF1	5.38	0	5.4	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.4	30	Pass
64-QAM						
	Radio 1, Port RF0	5.421	0	5.4	30	Pass
	Radio 1, Port RF1	5.395	0	5.4	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.4	30	Pass
	Radio 2, Port RF0	5.427	0	5.4	30	Pass
	Radio 2, Port RF1	5.336	0	5.3	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.4	30	Pass
256-QAM						
	Radio 1, Port RF0	5.459	0	5.5	30	Pass
	Radio 1, Port RF1	5.44	0	5.4	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.5	30	Pass
	Radio 2, Port RF0	5.547	0	5.5	30	Pass
	Radio 2, Port RF1	5.519	0	5.5	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.5	30	Pass
1024-QAM						
	Radio 1, Port RF0	5.885	0	5.9	30	Pass
	Radio 1, Port RF1	5.553	0	5.6	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.8	30	Pass
	Radio 2, Port RF0	5.569	0	5.6	30	Pass
	Radio 2, Port RF1	5.365	0	5.4	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.5	30	Pass
5795 MHz (Mid Channel), 40 MHz BW						
4-QAM						
	Radio 1, Port RF0	5.443	0	5.4	30	Pass
	Radio 1, Port RF1	5.463	0	5.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.5	30	Pass
	Radio 2, Port RF0	5.569	0	5.6	30	Pass
	Radio 2, Port RF1	5.159	0	5.2	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.4	30	Pass
16-QAM						
	Radio 1, Port RF0	5.38	0	5.4	30	Pass
	Radio 1, Port RF1	5.51	0	5.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.5	30	Pass
	Radio 2, Port RF0	5.577	0	5.6	30	Pass
	Radio 2, Port RF1	5.26	0	5.3	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.5	30	Pass
64-QAM						
	Radio 1, Port RF0	5.366	0	5.4	30	Pass
	Radio 1, Port RF1	5.518	0	5.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.5	30	Pass
	Radio 2, Port RF0	5.482	0	5.5	30	Pass
	Radio 2, Port RF1	5.381	0	5.4	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.5	30	Pass
256-QAM						
	Radio 1, Port RF0	5.473	0	5.5	30	Pass
	Radio 1, Port RF1	5.678	0	5.7	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.6	30	Pass
	Radio 2, Port RF0	5.682	0	5.7	30	Pass
	Radio 2, Port RF1	5.414	0	5.4	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.6	30	Pass
1024-QAM						
	Radio 1, Port RF0	5.507	0	5.5	30	Pass
	Radio 1, Port RF1	5.475	0	5.5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.5	30	Pass
	Radio 2, Port RF0	5.696	0	5.7	30	Pass
	Radio 2, Port RF1	5.297	0	5.3	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.5	30	Pass
5830 MHz (High Channel), 40 MHz BW						
4-QAM						
	Radio 1, Port RF0	5.122	0	5.1	30	Pass
	Radio 1, Port RF1	4.657	0	4.7	30	Pass
	Radio 1 Linear Sum	N/A	N/A	7.9	30	Pass
	Radio 2, Port RF0	5.139	0	5.1	30	Pass
	Radio 2, Port RF1	4.779	0	4.8	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.0	30	Pass
16-QAM						
	Radio 1, Port RF0	5.071	0	5.1	30	Pass
	Radio 1, Port RF1	4.825	0	4.8	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.0	30	Pass
	Radio 2, Port RF0	5.04	0	5	30	Pass
	Radio 2, Port RF1	4.899	0	4.9	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.0	30	Pass
64-QAM						
	Radio 1, Port RF0	5.065	0	5.1	30	Pass
	Radio 1, Port RF1	4.822	0	4.8	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.0	30	Pass
	Radio 2, Port RF0	5.055	0	5.1	30	Pass
	Radio 2, Port RF1	4.859	0	4.9	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.0	30	Pass
256-QAM						
	Radio 1, Port RF0	5.181	0	5.2	30	Pass
	Radio 1, Port RF1	4.995	0	5	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.1	30	Pass
	Radio 2, Port RF0	5.204	0	5.2	30	Pass
	Radio 2, Port RF1	5.037	0	5	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.1	30	Pass
1024-QAM						
	Radio 1, Port RF0	5.229	0	5.2	30	Pass
	Radio 1, Port RF1	4.781	0	4.8	30	Pass
	Radio 1 Linear Sum	N/A	N/A	8.0	30	Pass
	Radio 2, Port RF0	5.208	0	5.2	30	Pass
	Radio 2, Port RF1	4.835	0	4.8	30	Pass
	Radio 2 Linear Sum	N/A	N/A	8.0	30	Pass

MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

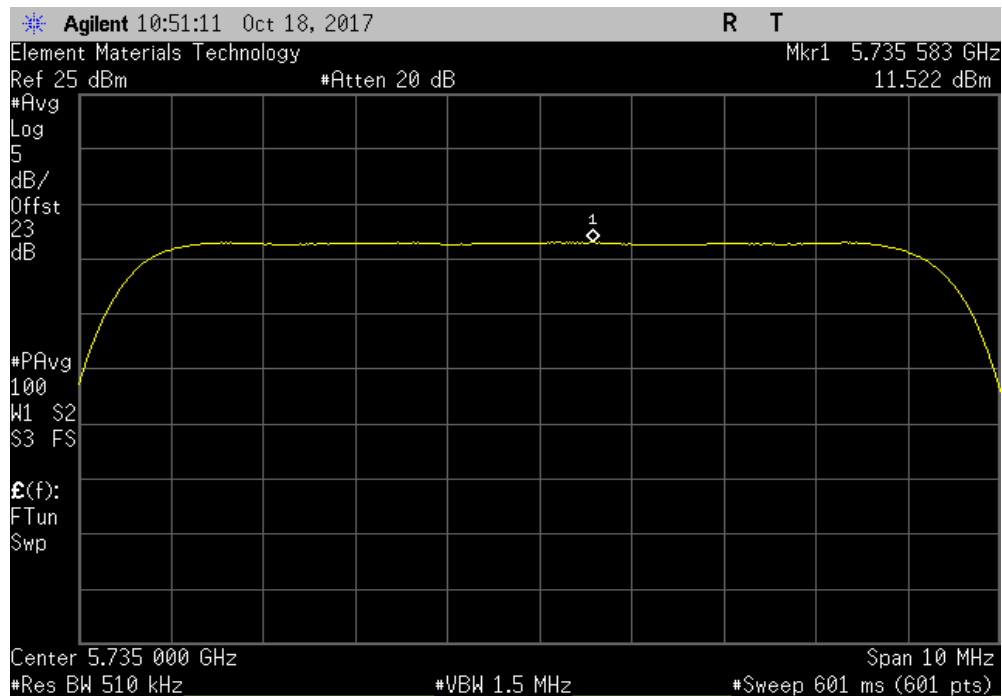


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5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.649	0	11.6	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.522	0	11.5	30	Pass		

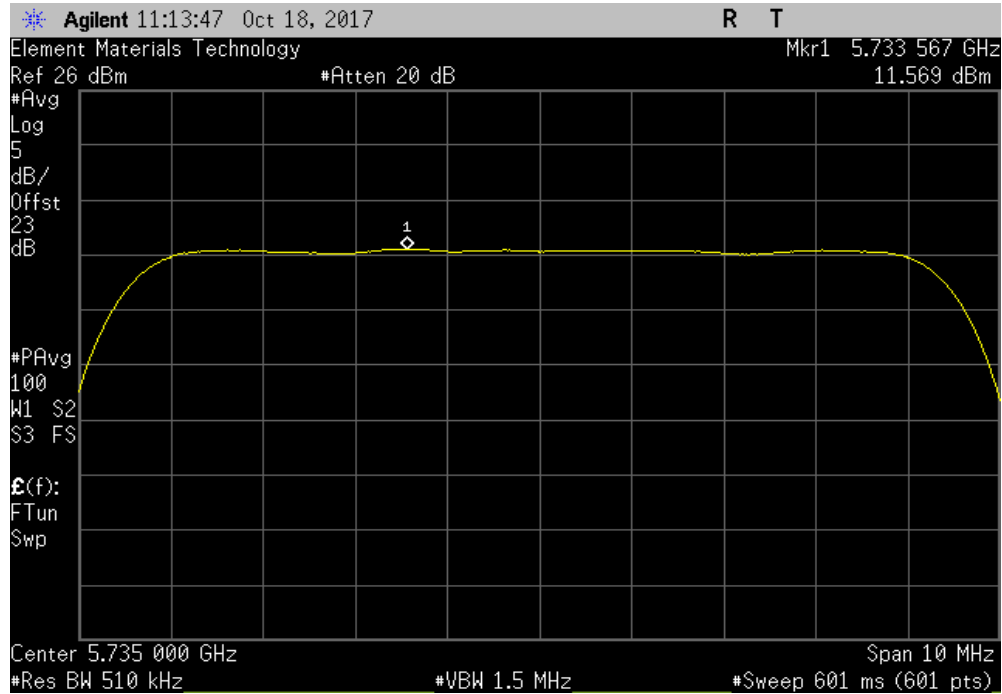


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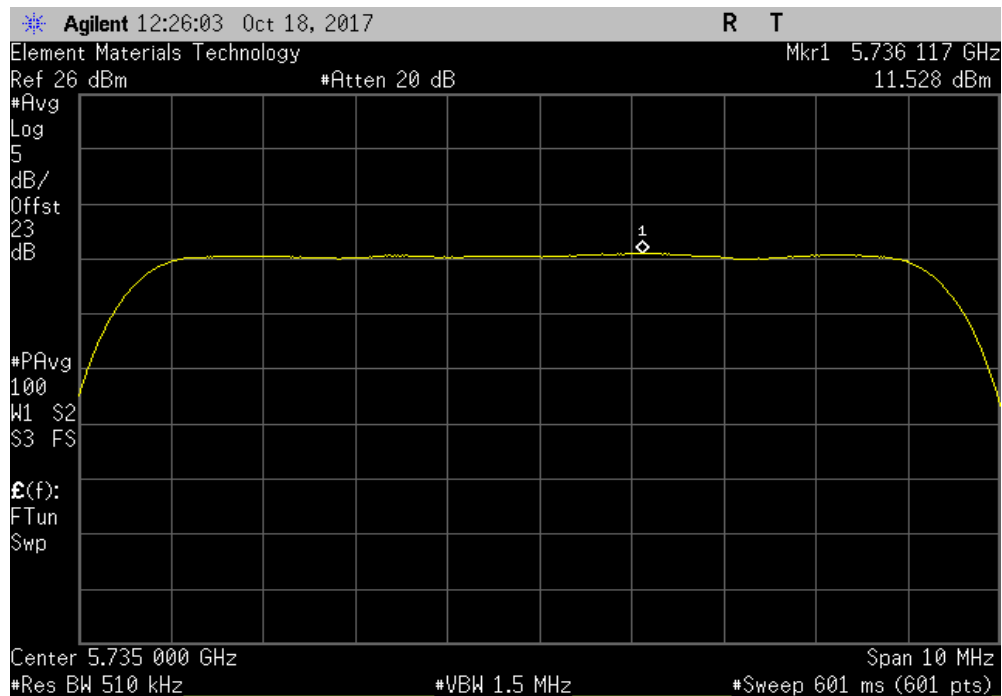


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5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.569	0	11.6	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.528	0	11.5	30	Pass		

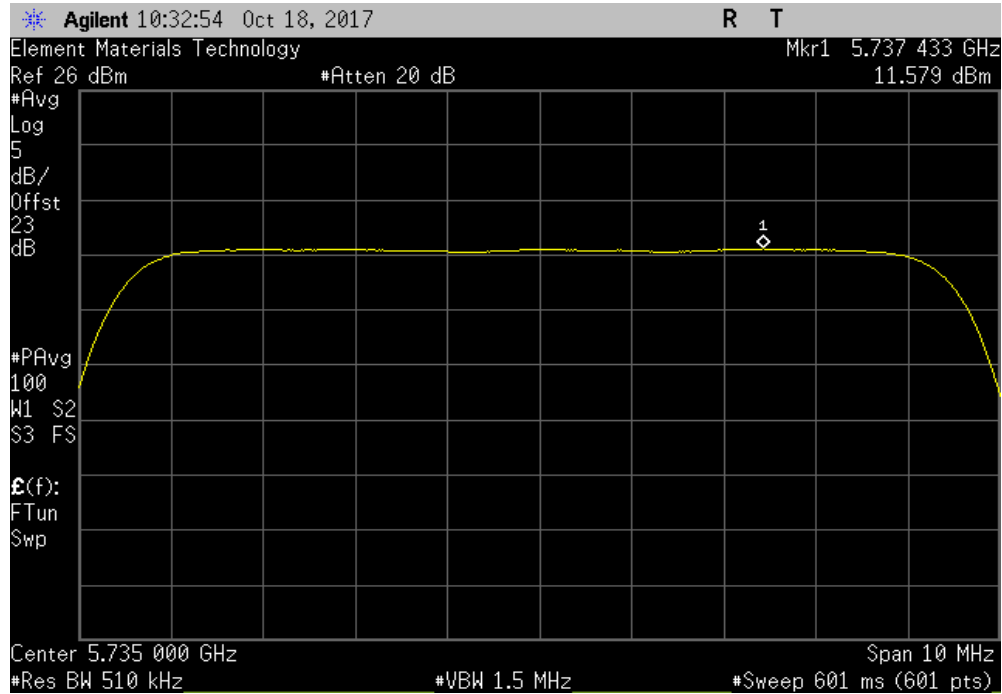


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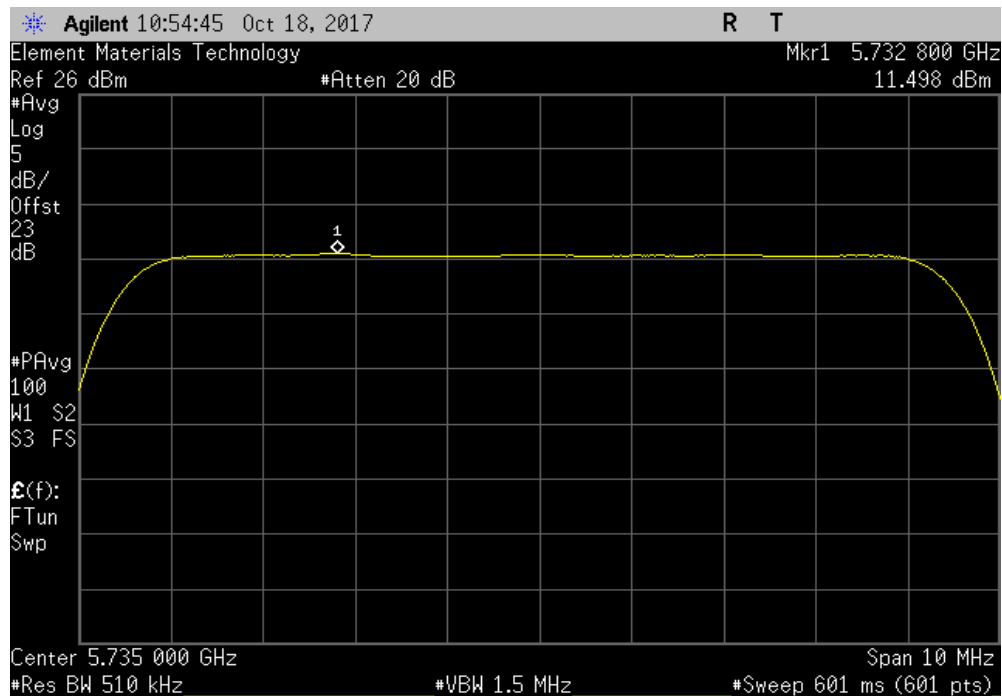


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5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 16-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.579	0	11.6	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 16-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.498	0	11.5	30	Pass		

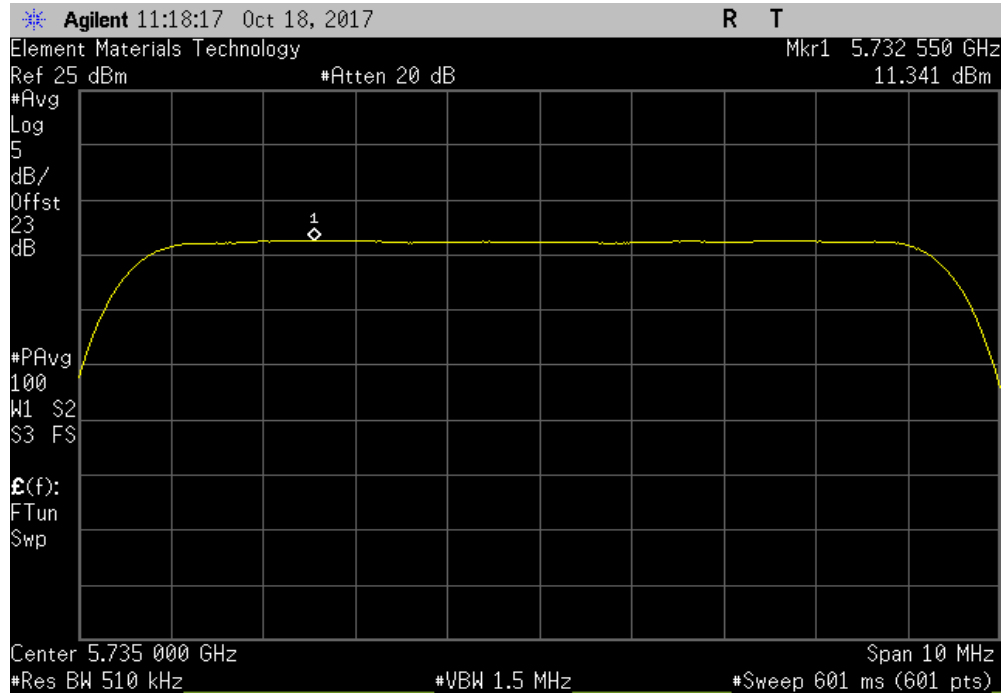


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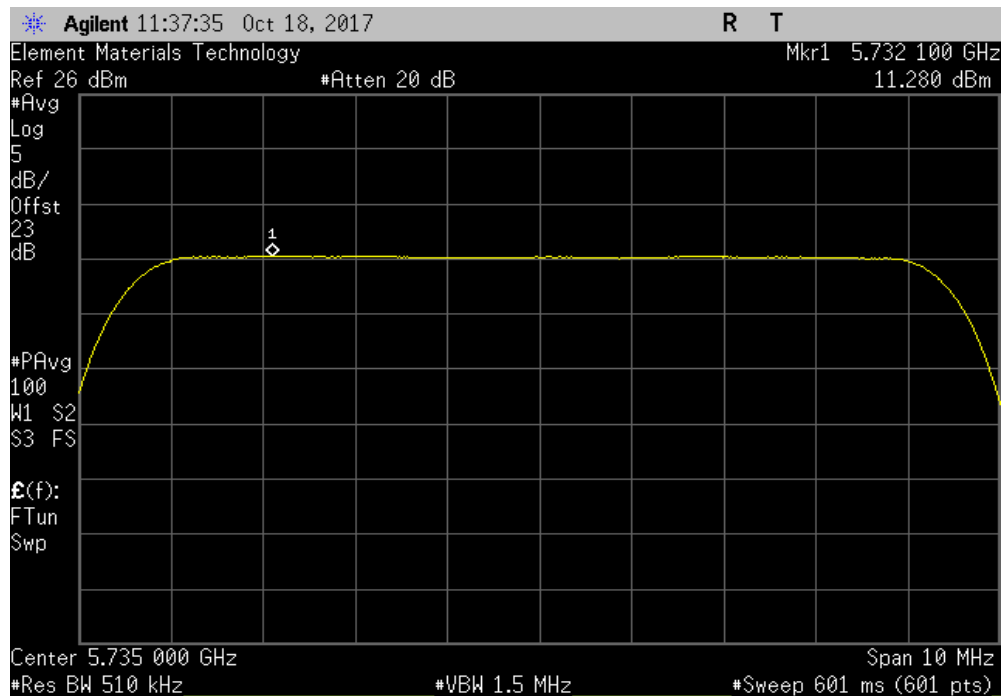


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5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.341	0	11.3	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.28	0	11.3	30	Pass		

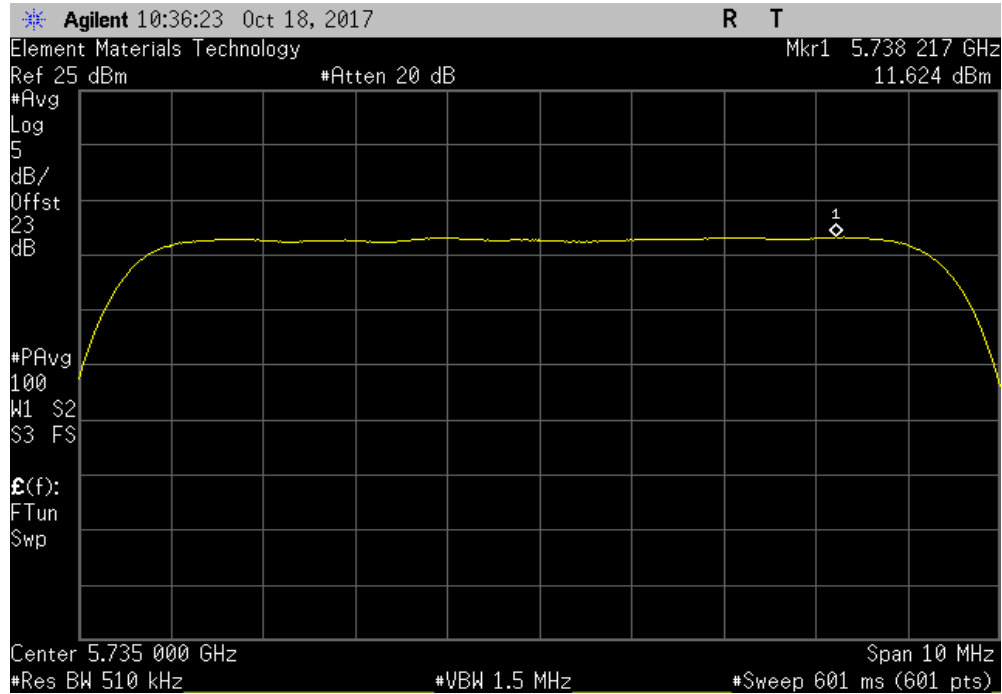


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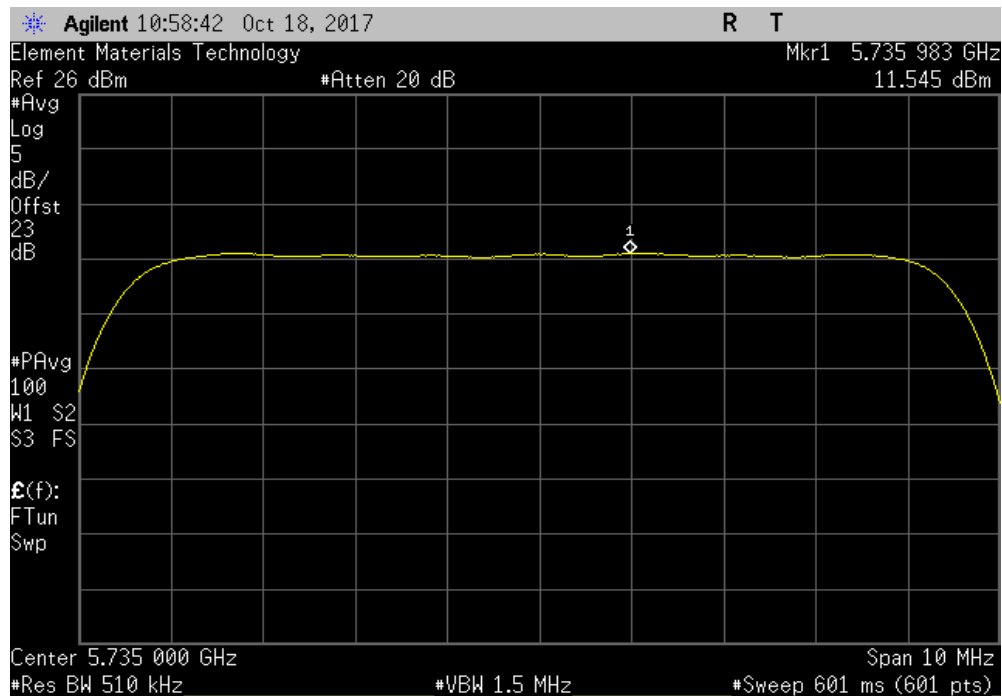


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5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 64-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.624	0	11.6	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 64-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.545	0	11.5	30	Pass		

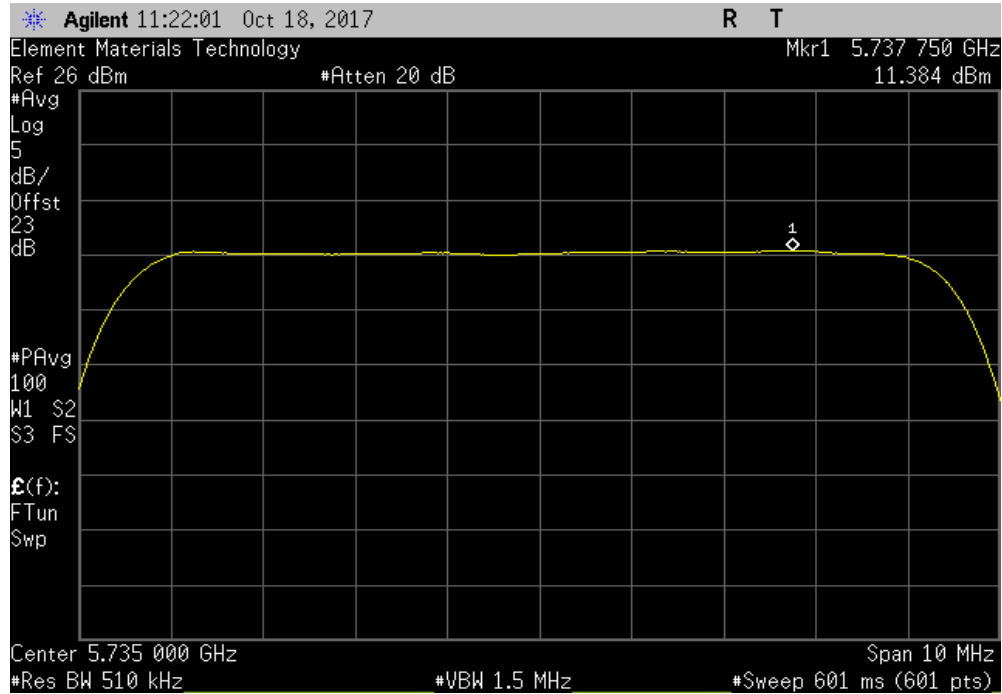


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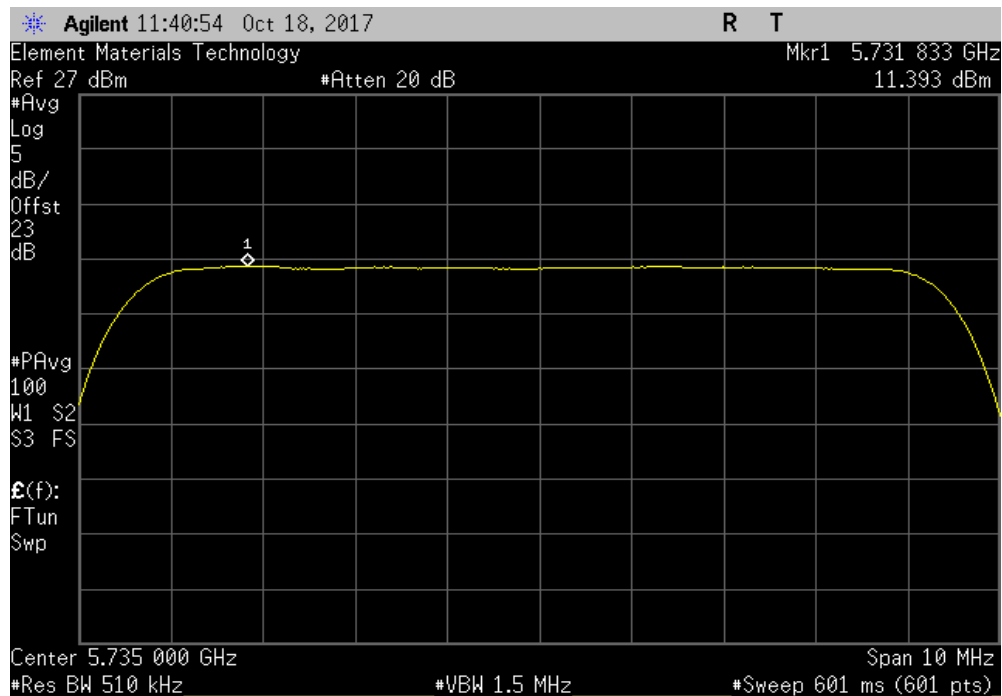


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5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.384	0	11.4	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.393	0	11.4	30	Pass		

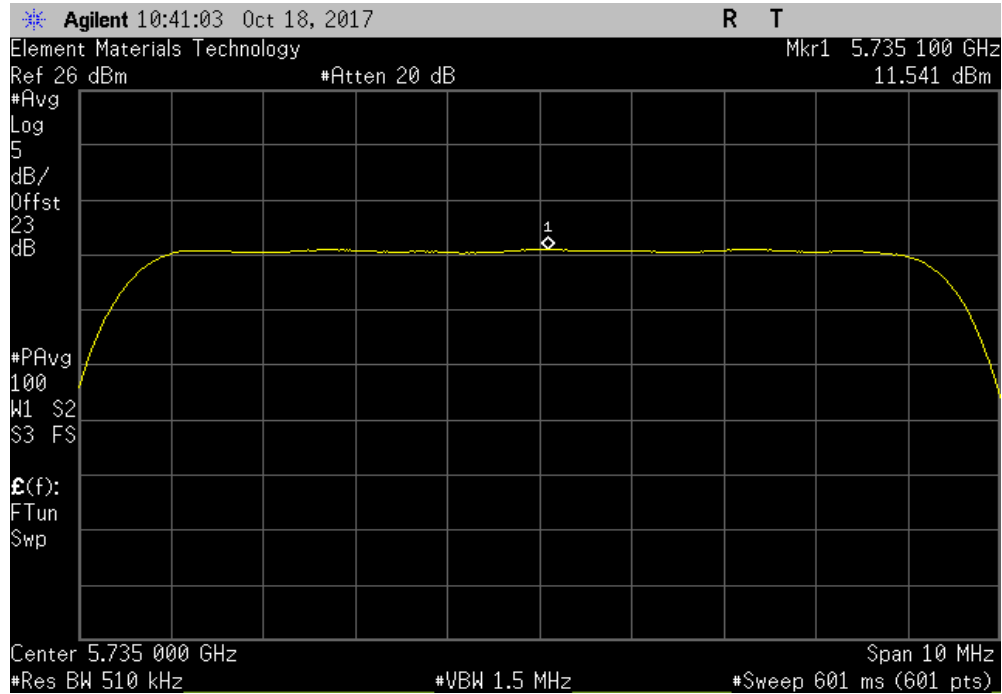


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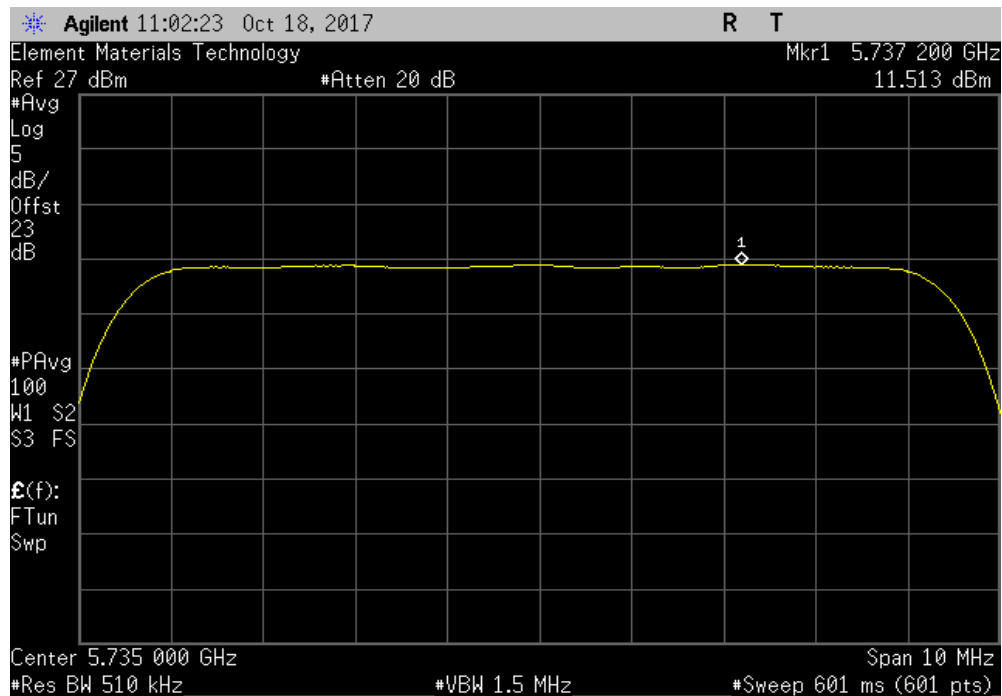


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5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.541	0	11.5	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.513	0	11.5	30	Pass		

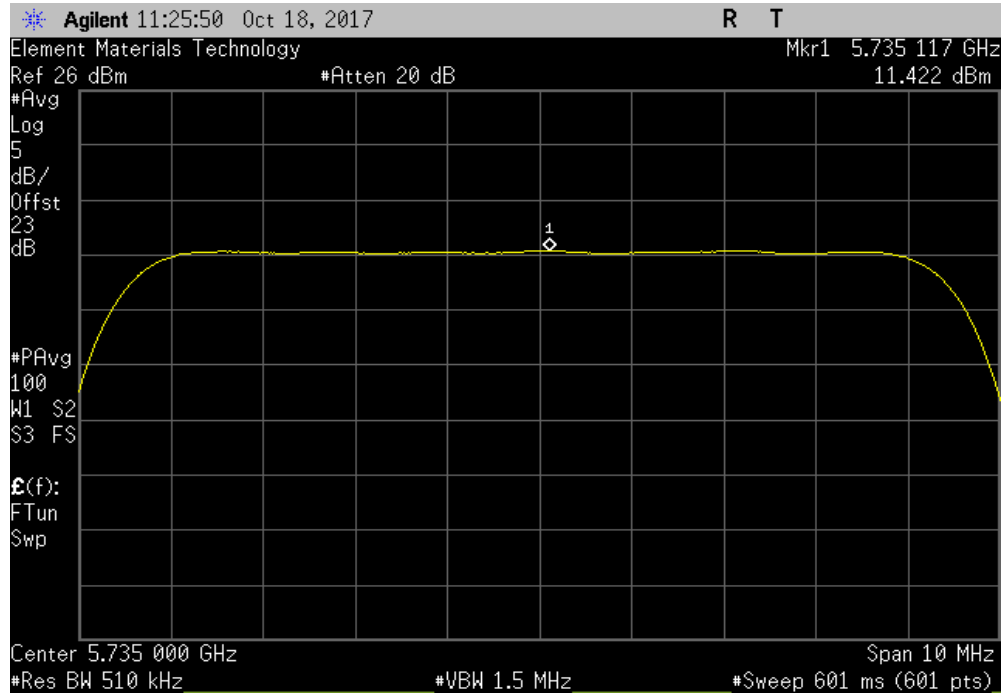


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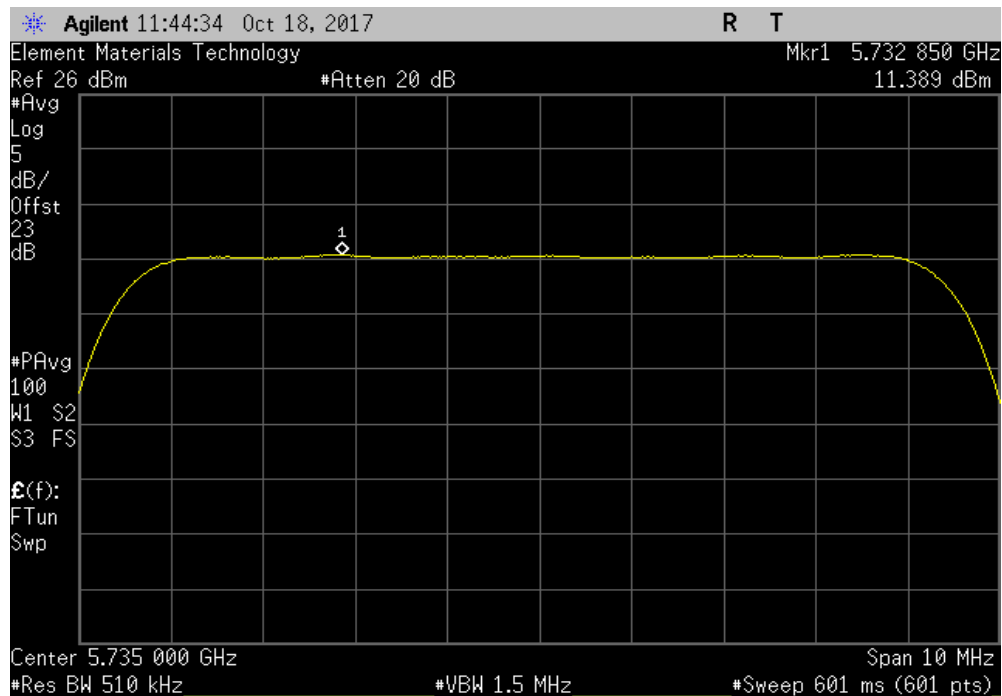


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5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.422	0	11.4	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.389	0	11.4	30	Pass		

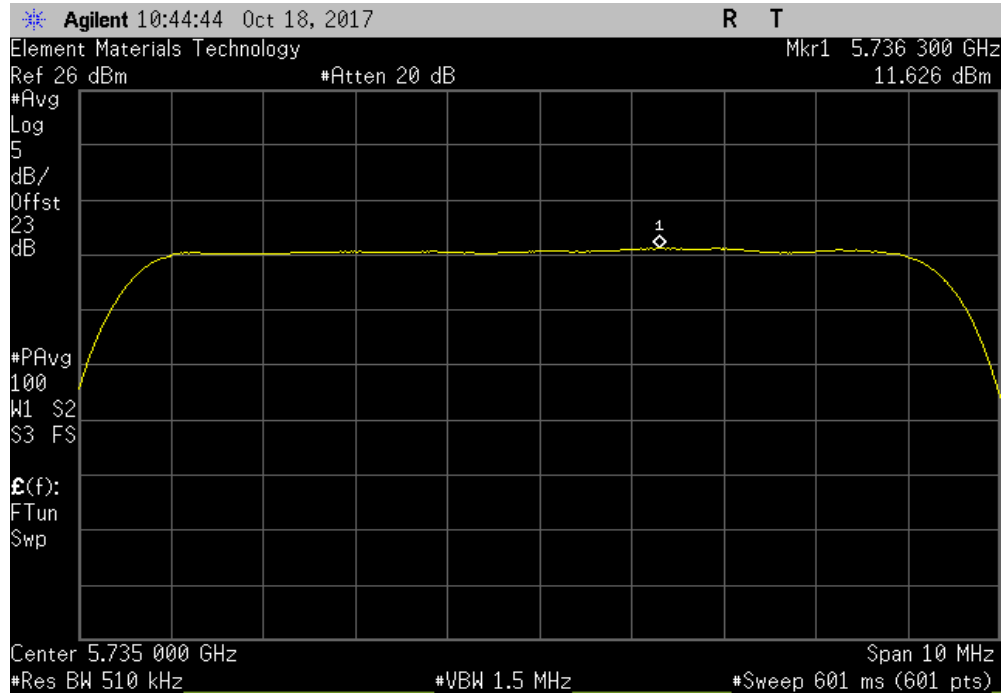


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

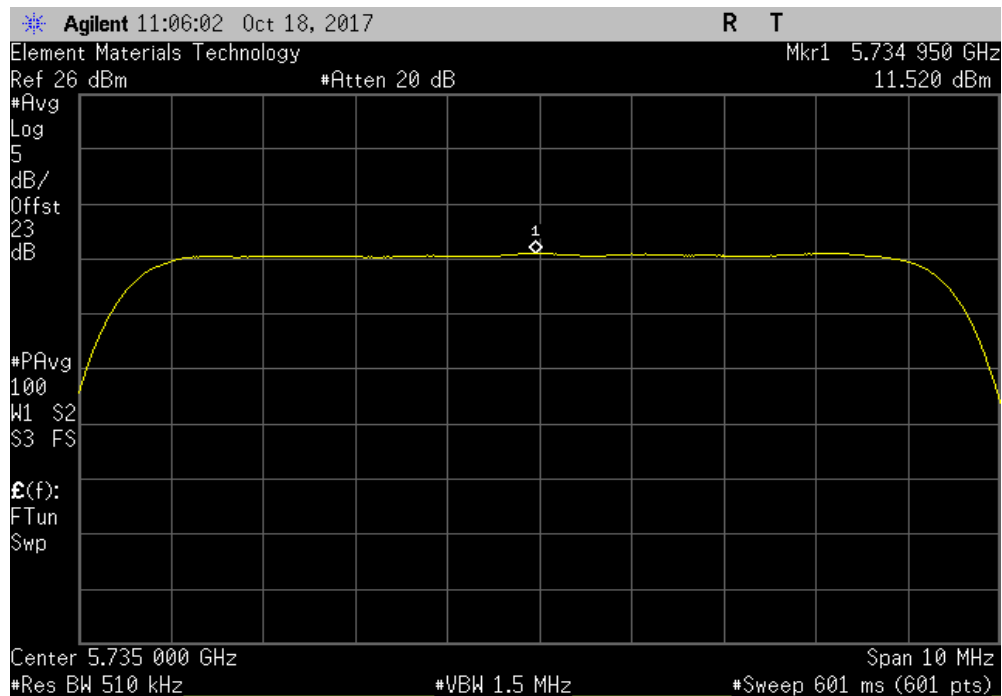


TMTX 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 1024-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.626	0	11.6	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 1024-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.52	0	11.5	30	Pass		

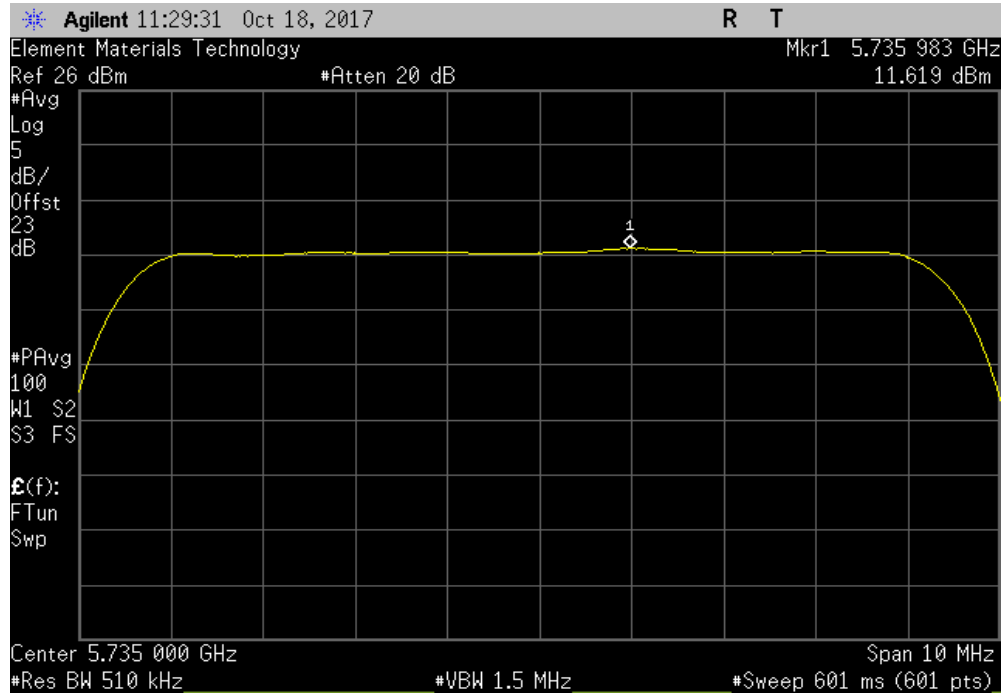


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

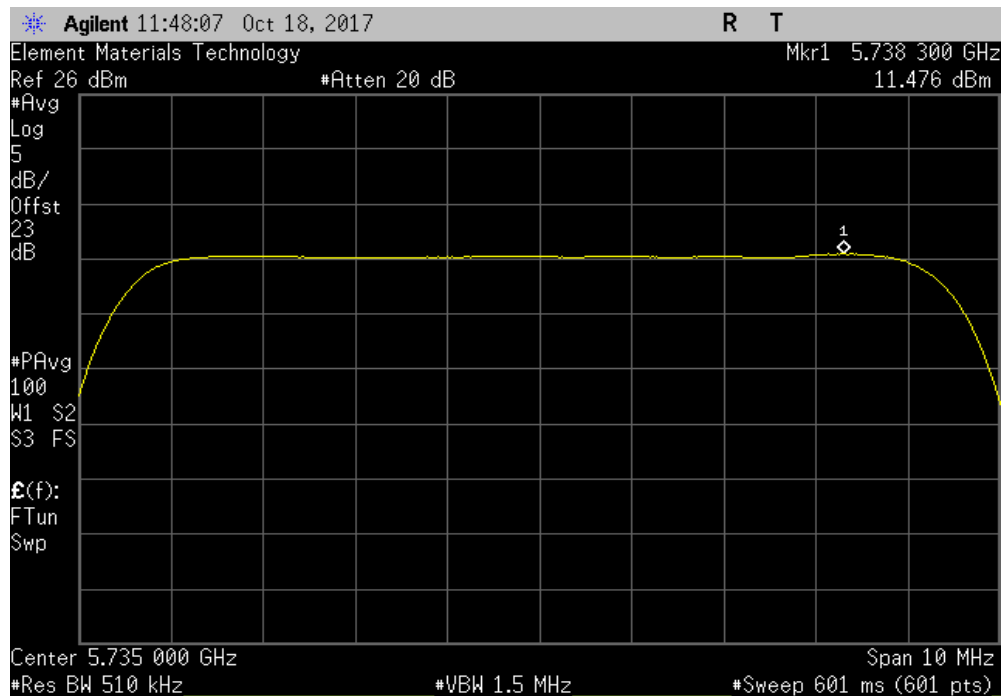


TMTX 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 1024-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.619	0	11.6	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 10 MHz BW, 1024-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.476	0	11.5	30	Pass		

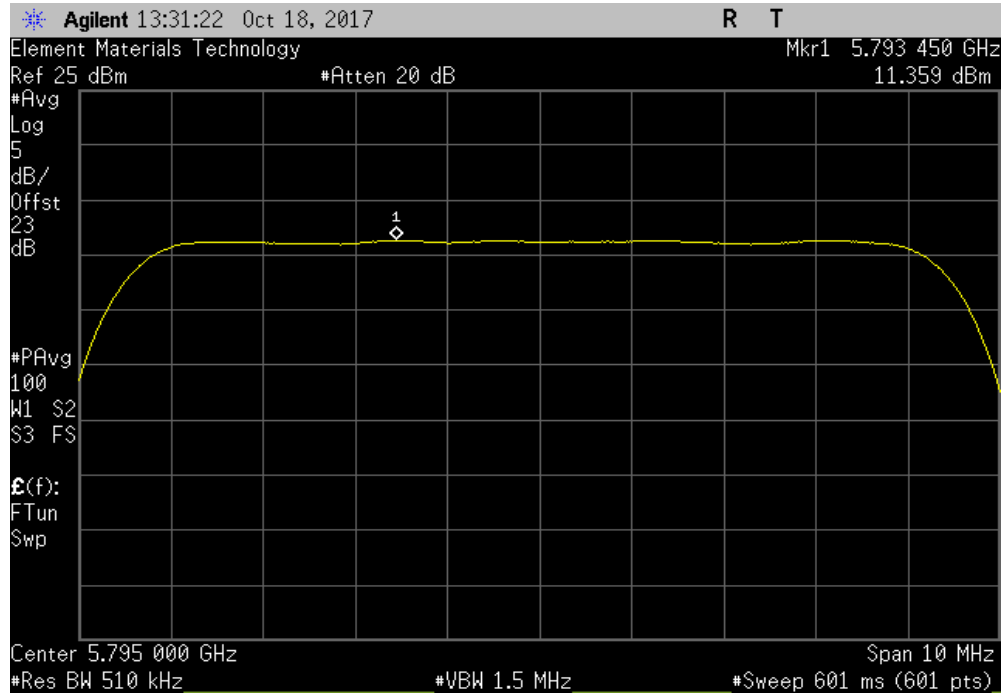


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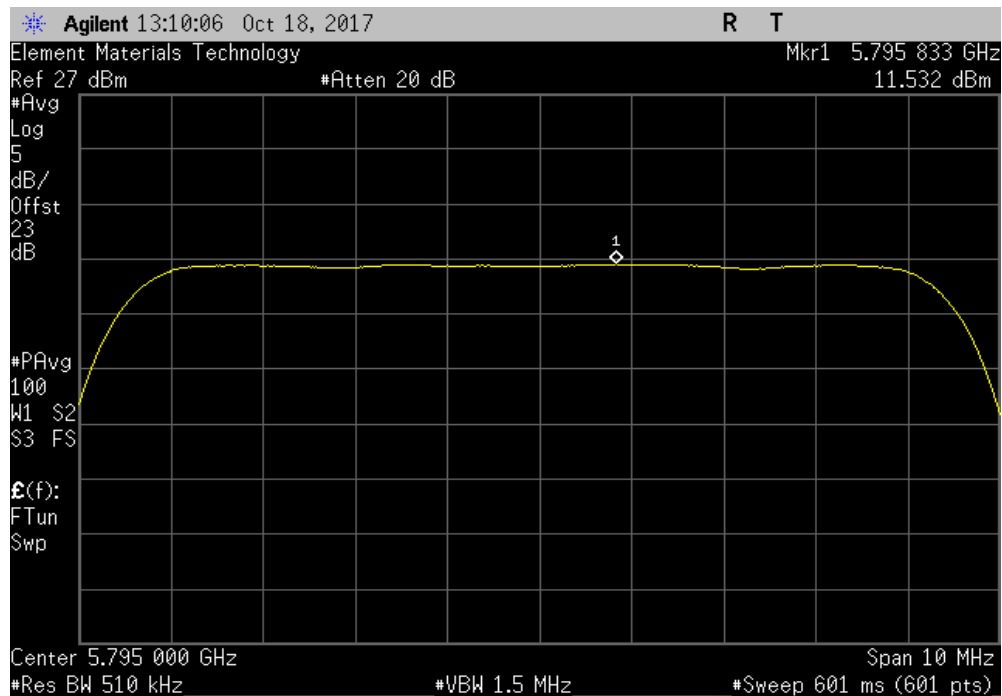


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.359	0	11.4	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.532	0	11.5	30	Pass		

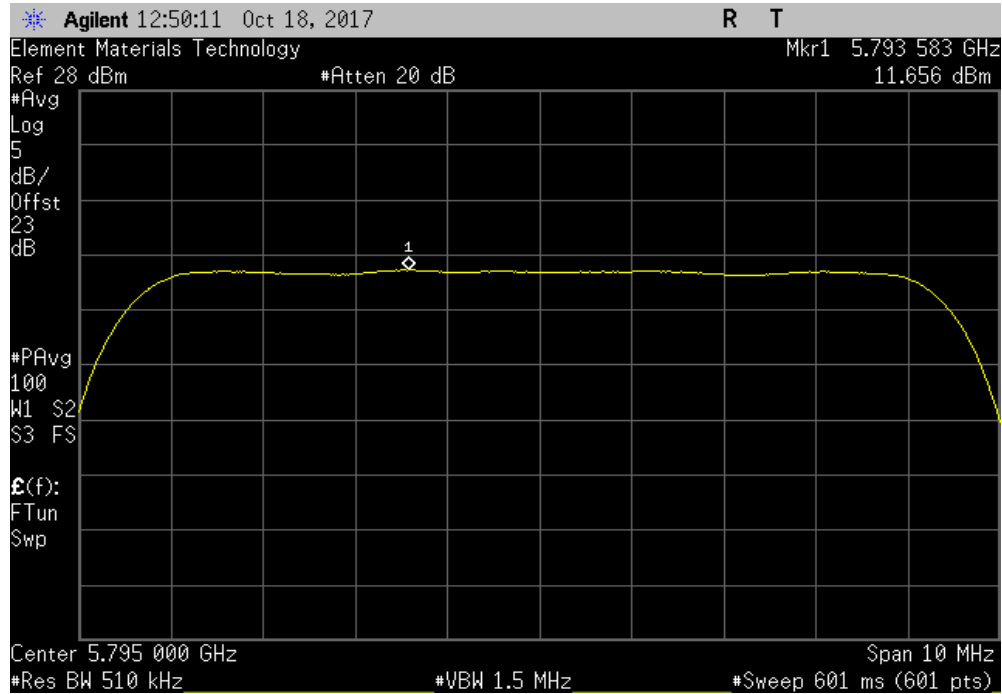


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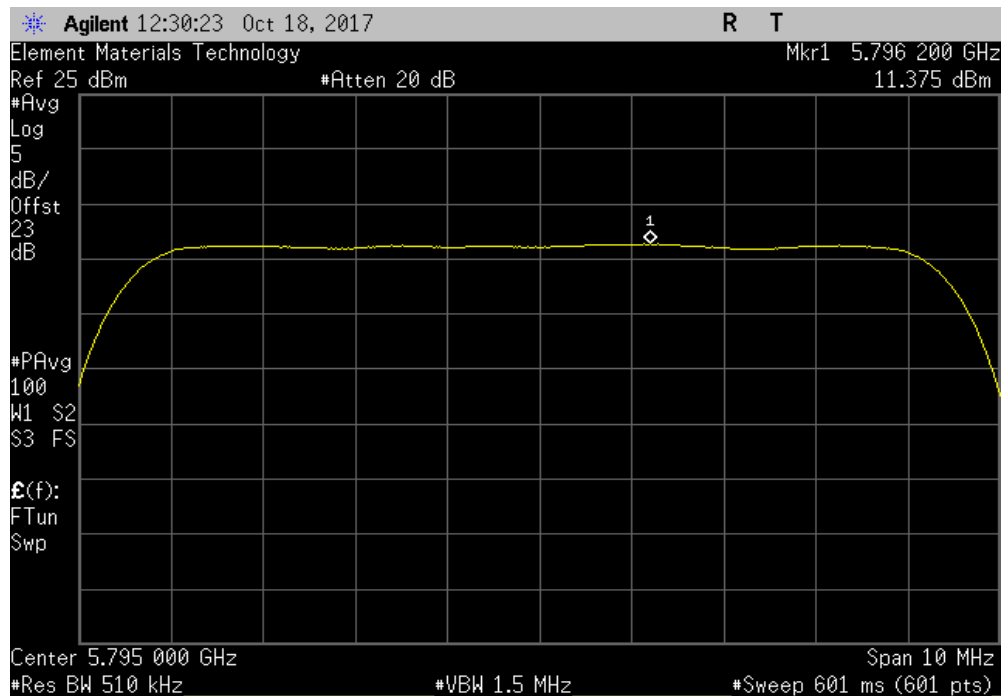


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.656	0	11.7	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.375	0	11.4	30	Pass		

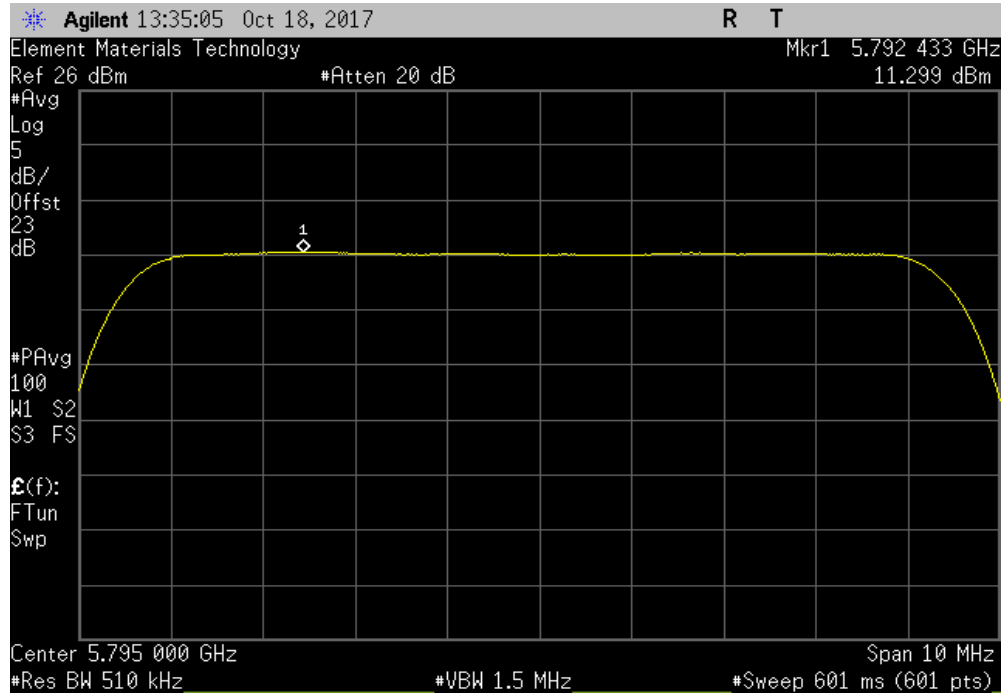


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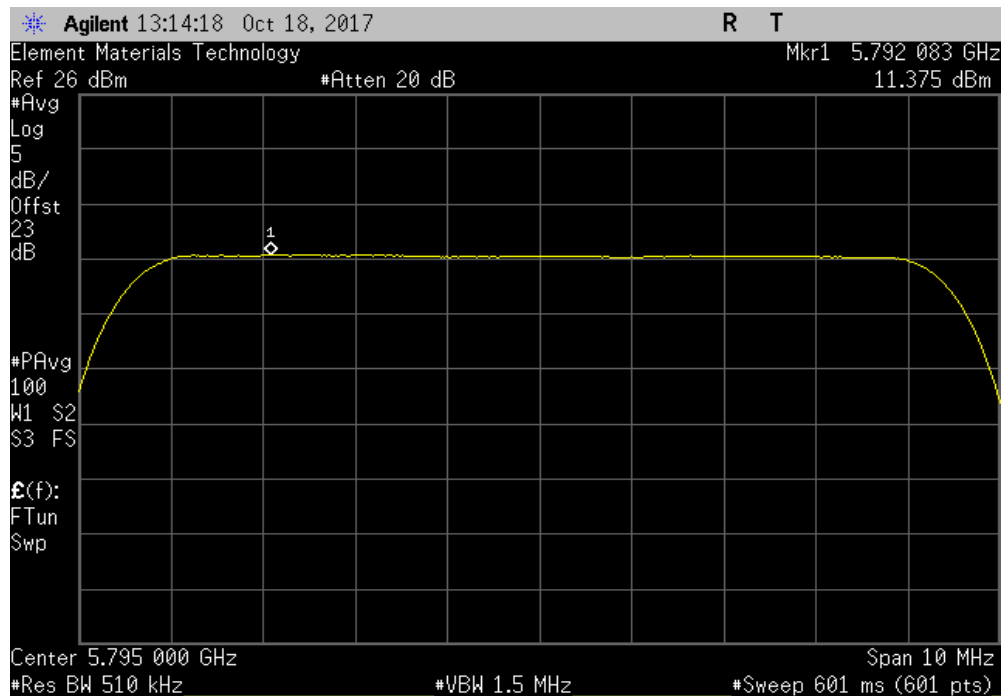


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 16-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.299	0	11.3	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 16-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.375	0	11.4	30	Pass		

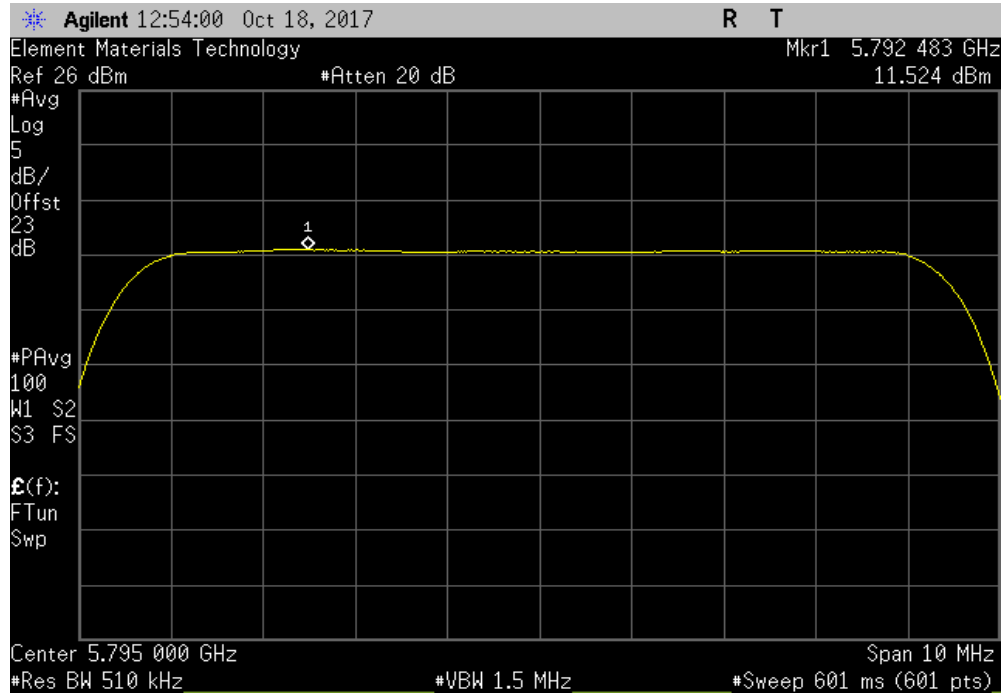


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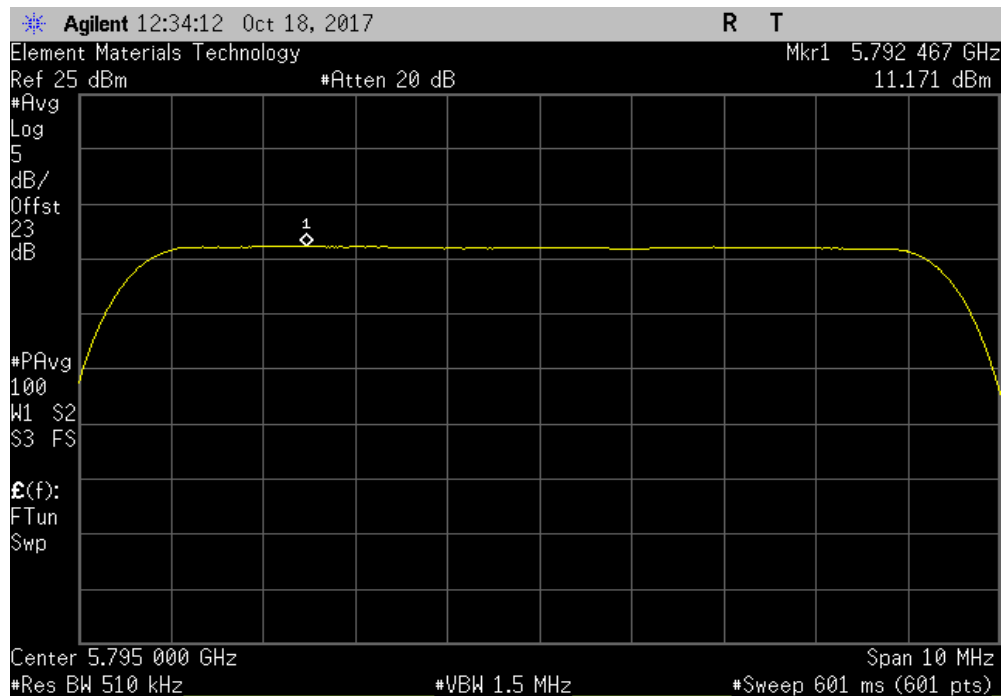


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.524	0	11.5	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.171	0	11.2	30	Pass		

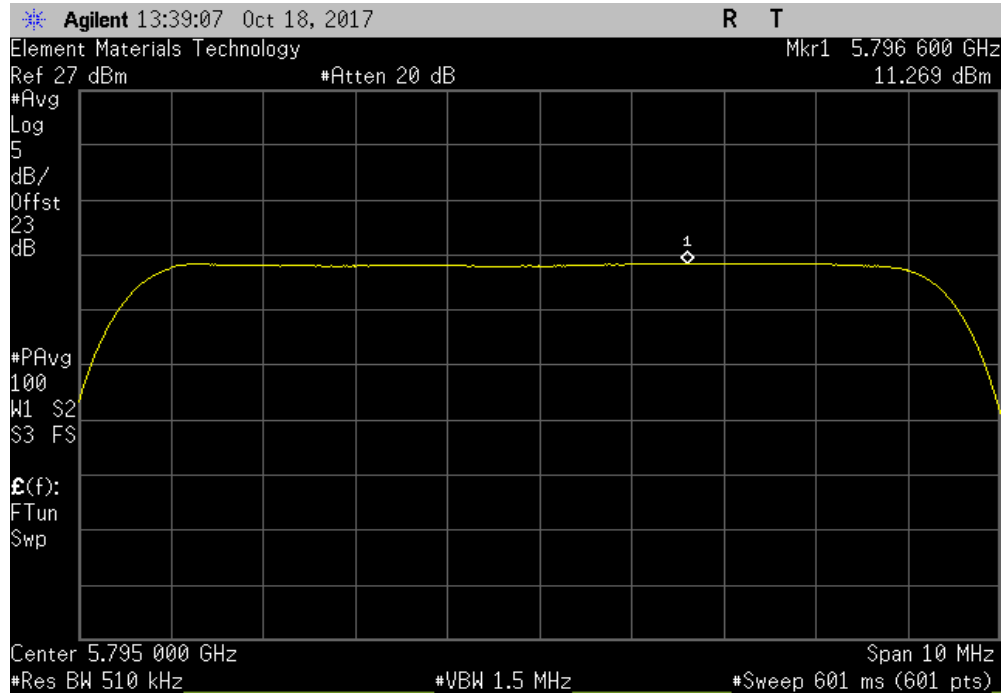


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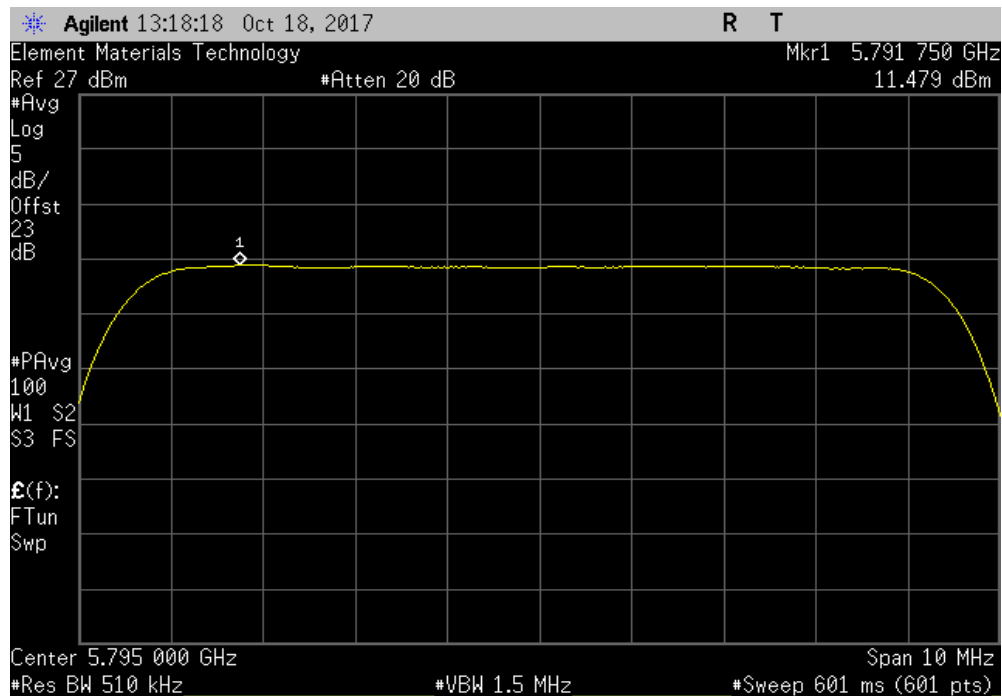


TMTx 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 64-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.269	0	11.3	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 64-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.479	0	11.5	30	Pass		

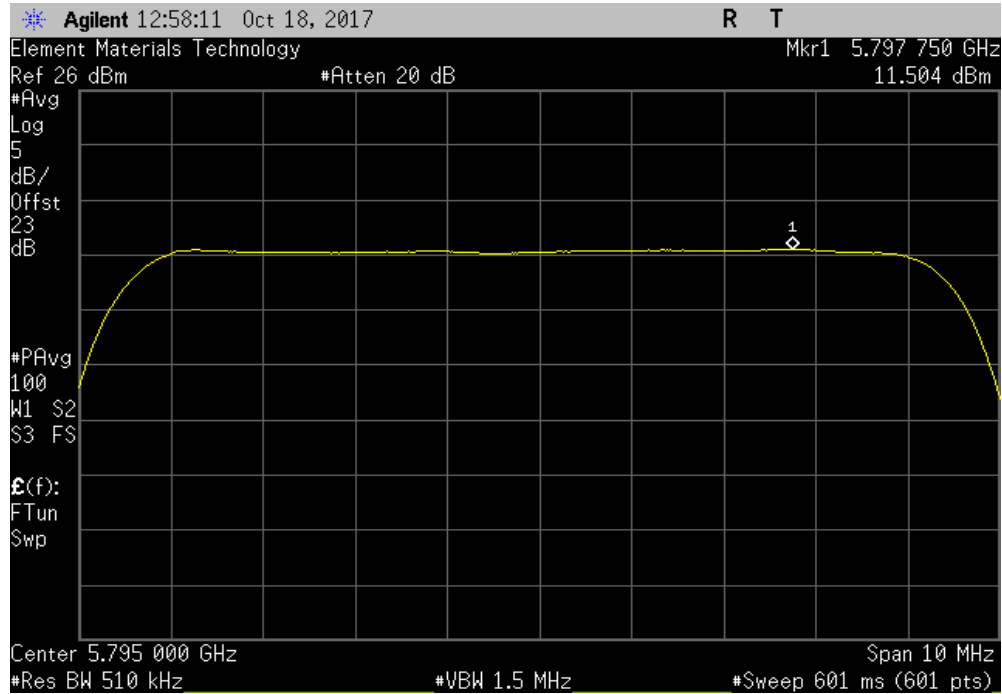


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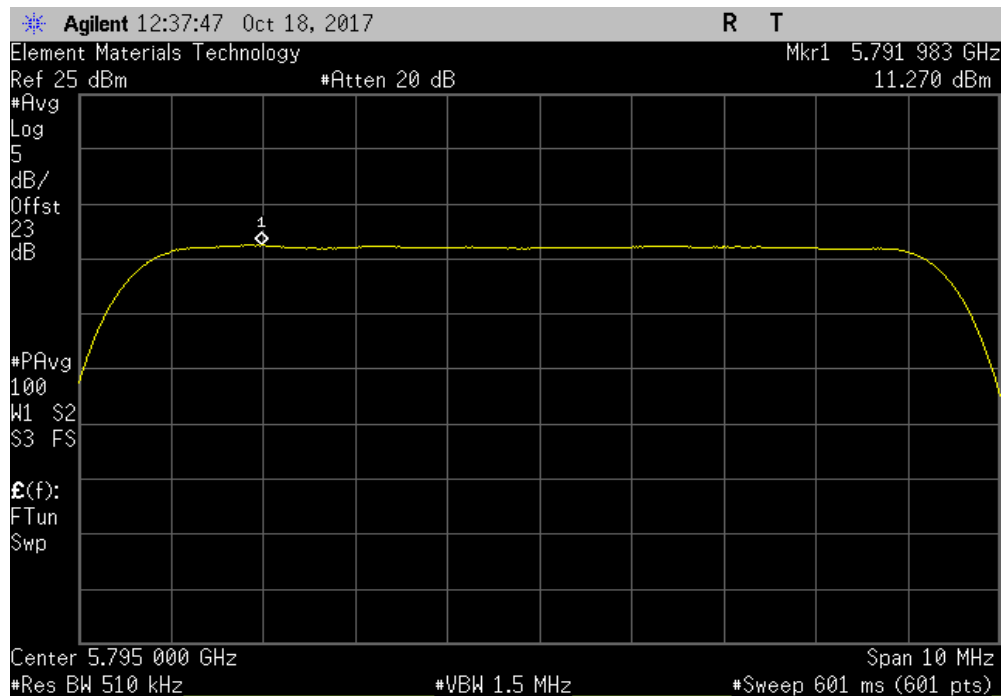


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.504	0	11.5	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.27	0	11.3	30	Pass		

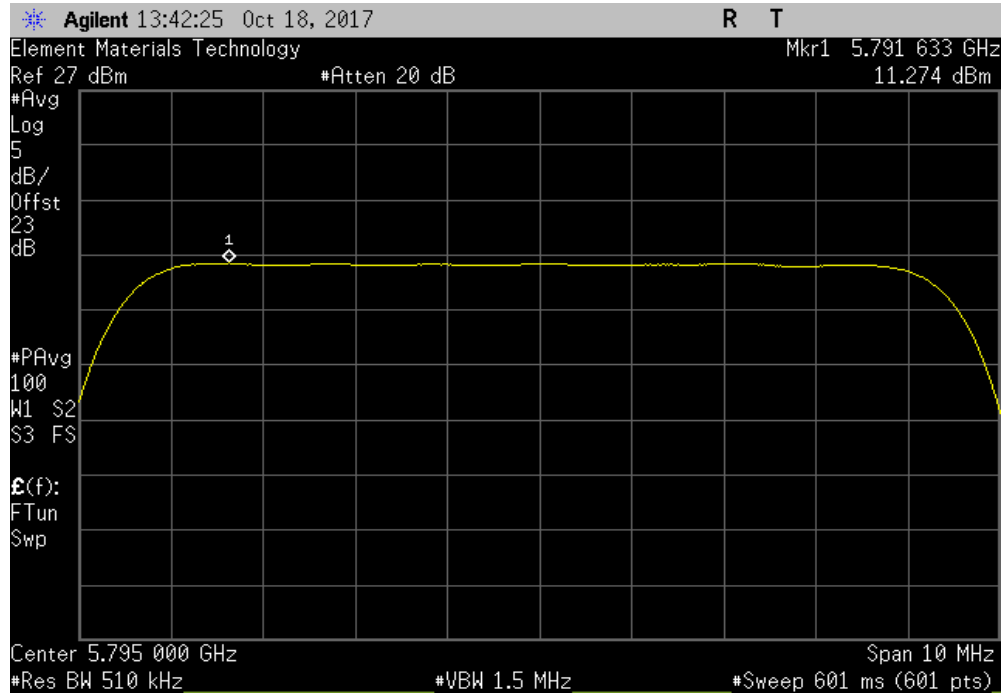


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

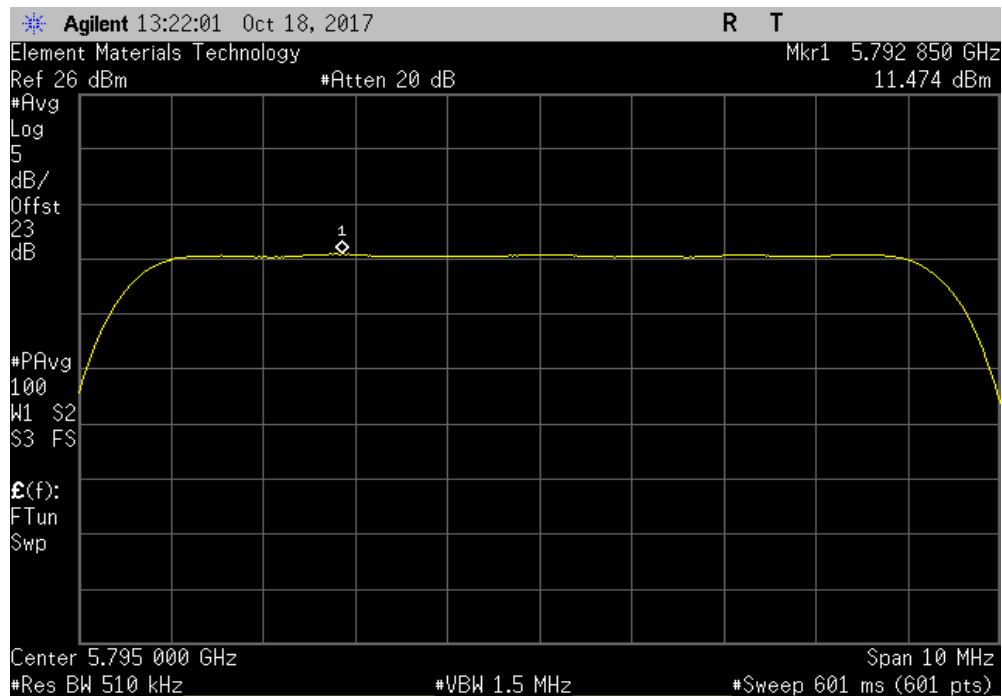


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.274	0	11.3	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.474	0	11.5	30	Pass		

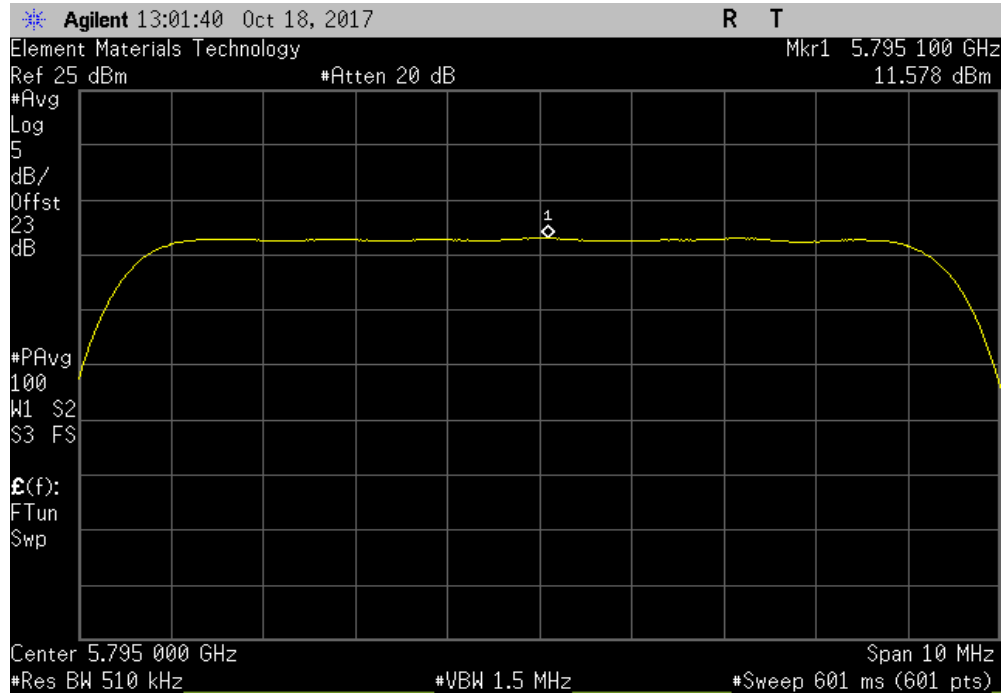


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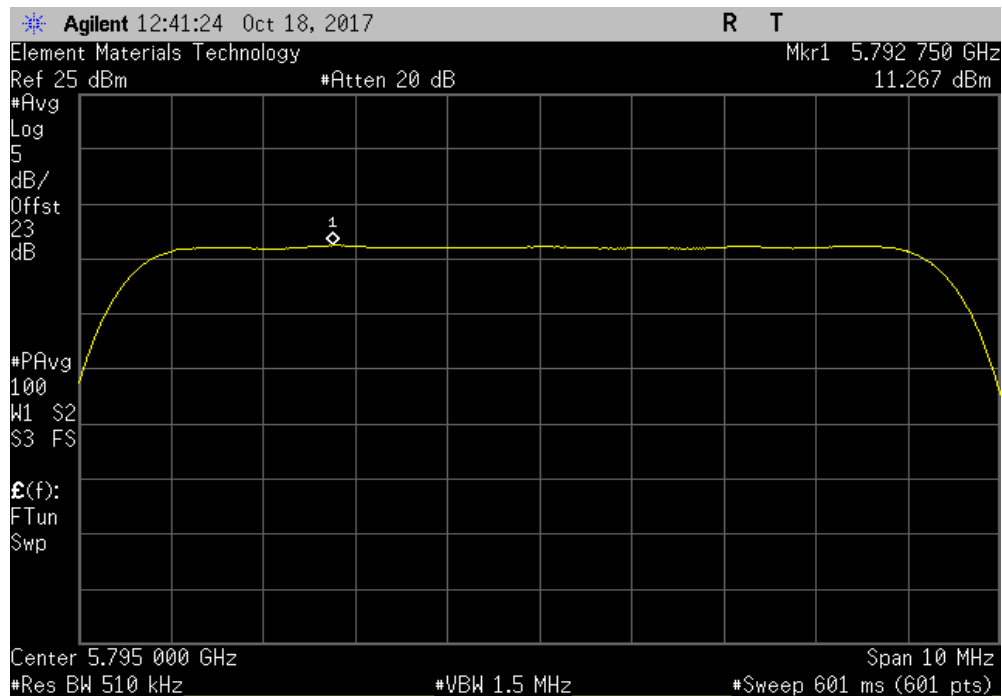


TMTx 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.578	0	11.6	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.267	0	11.3	30	Pass		

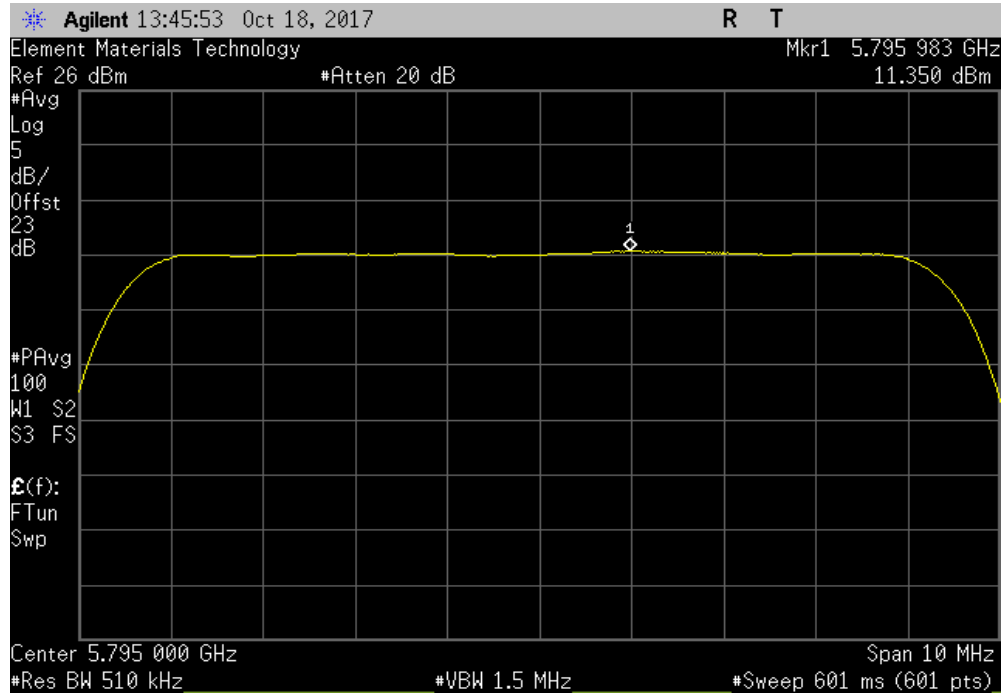


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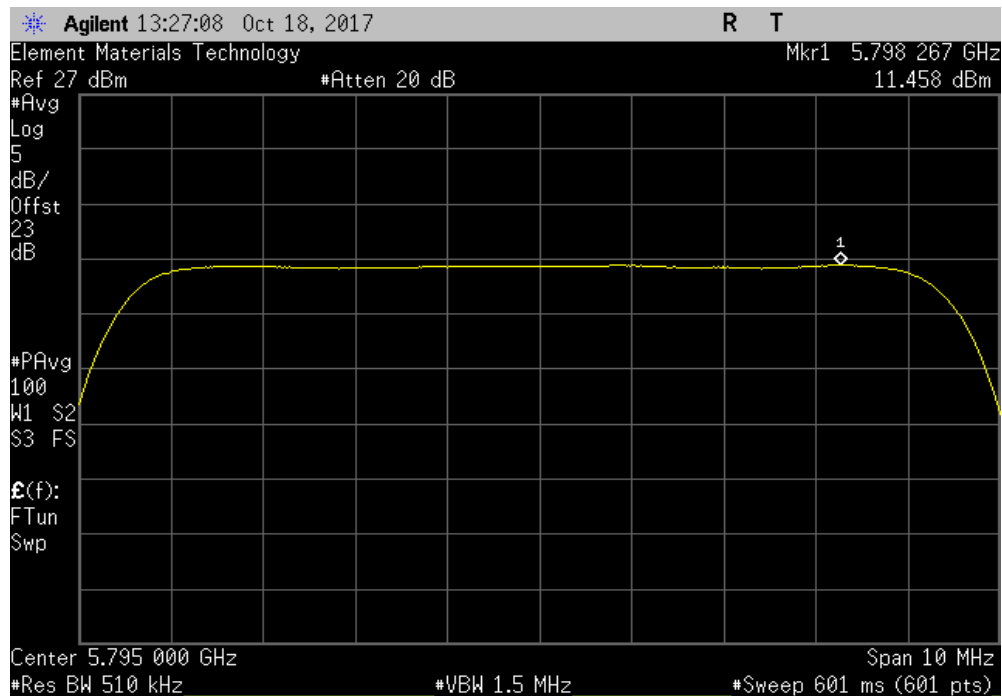


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5785 MHz (Mid Channel), 10 MHz BW, 1024-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.35	0	11.4	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 1024-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.458	0	11.5	30	Pass		

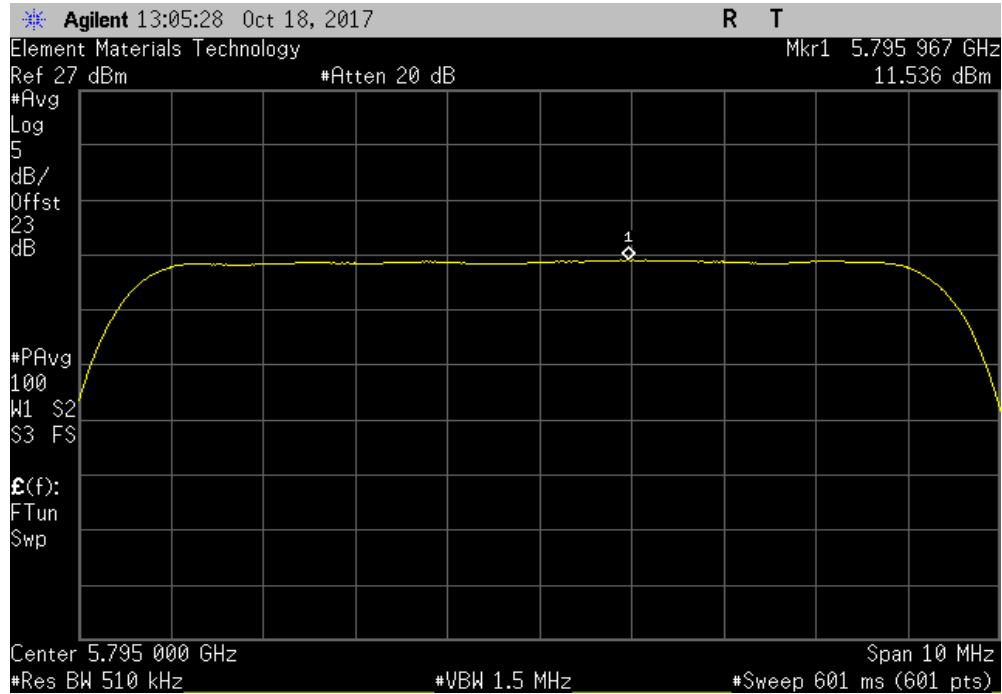


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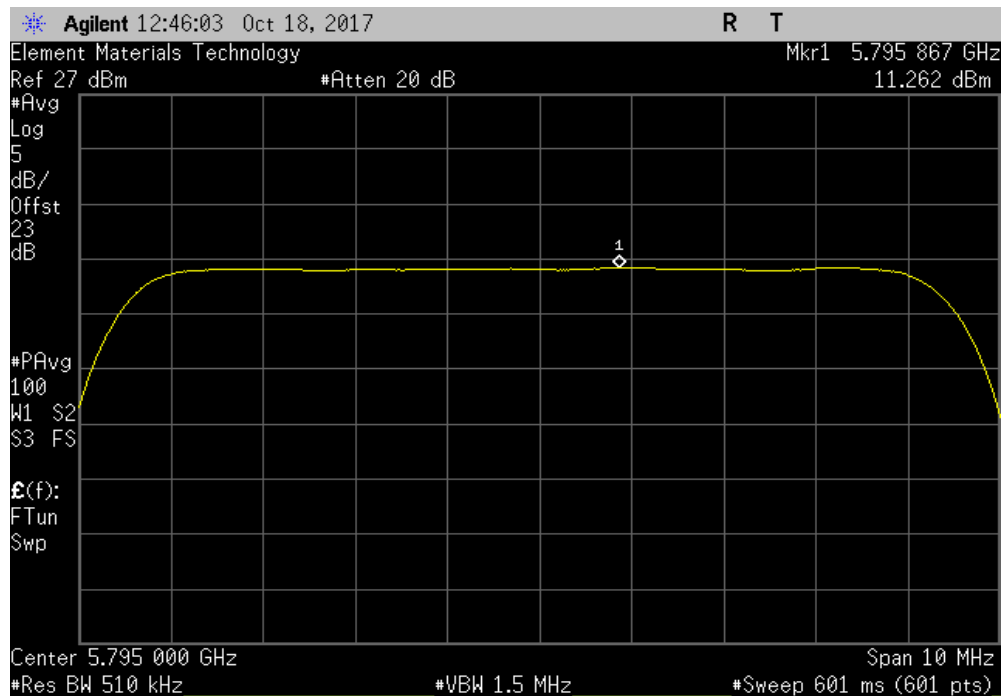


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 1024-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.536	0	11.5	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 10 MHz BW, 1024-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
11.262	0	11.3	30	Pass		

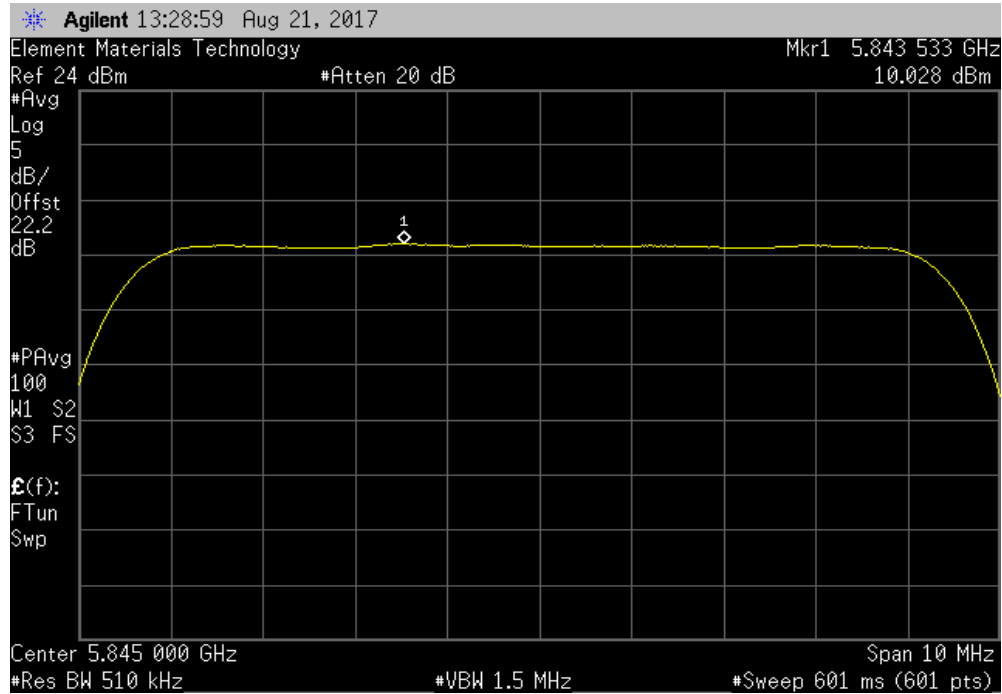


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

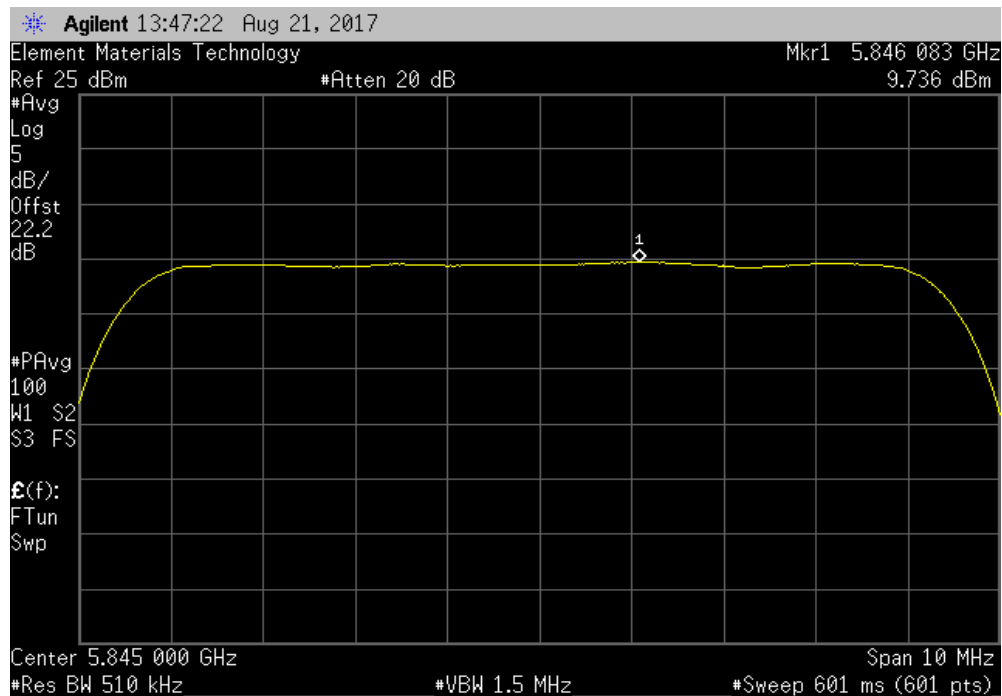


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
10.028	0	10	30	Pass		



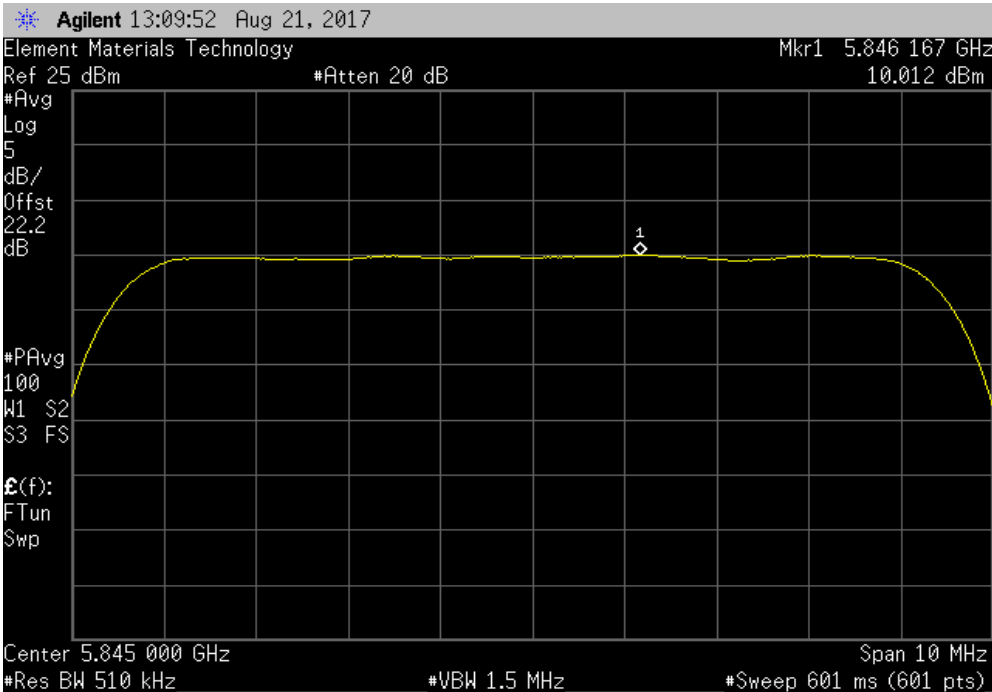
5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.736	0	9.7	30	Pass		



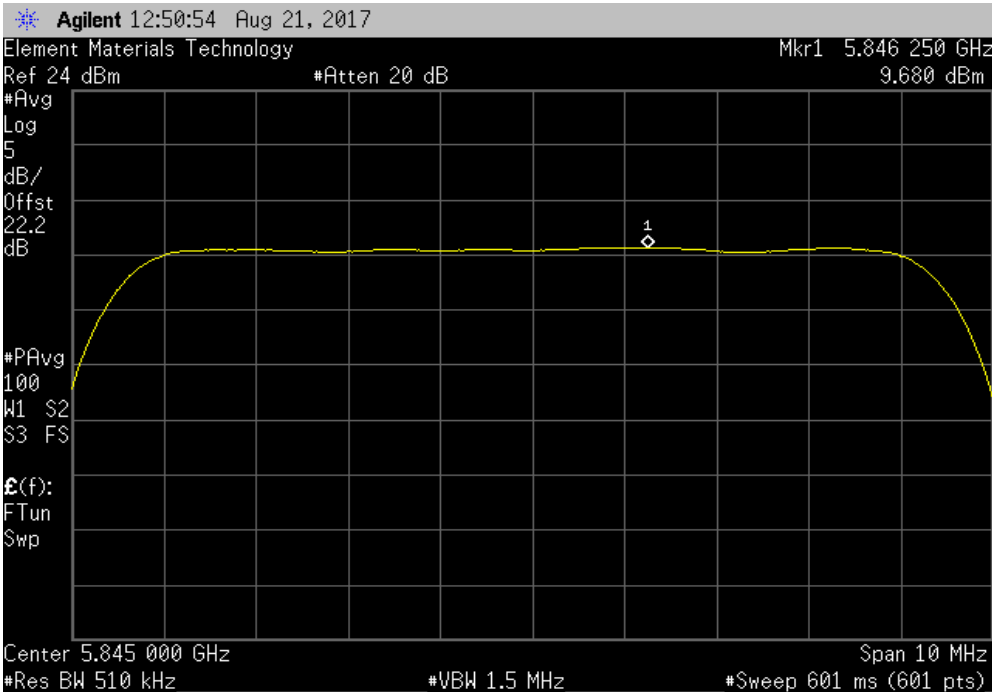
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
10.012	0	10	30	Pass		



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.68	0	9.7	30	Pass		

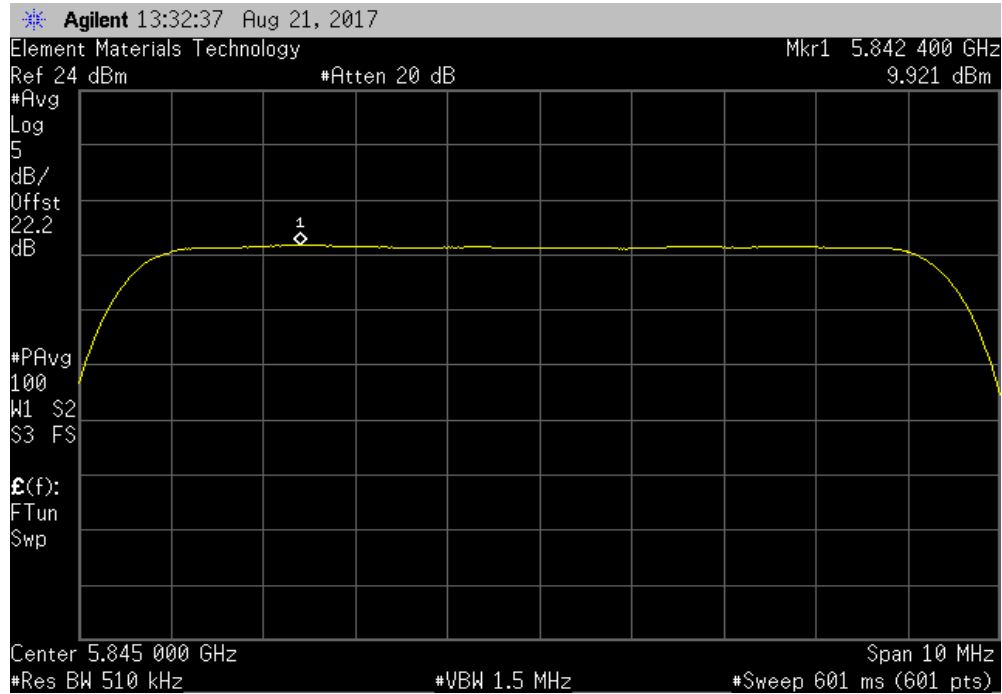


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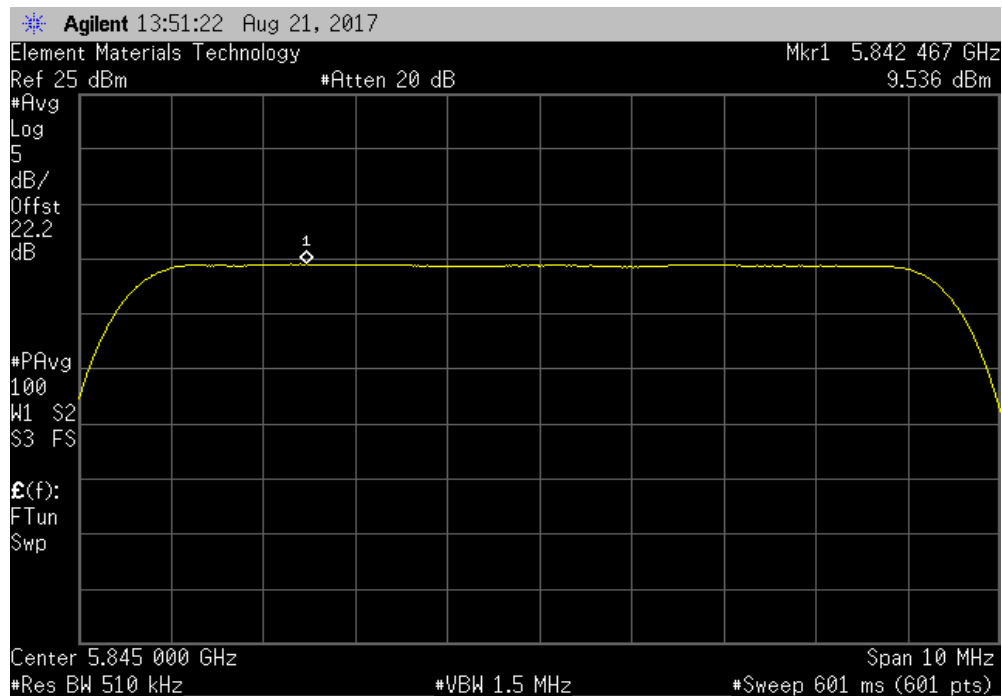


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 16-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.921	0	9.9	30	Pass		



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 16-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.536	0	9.5	30	Pass		

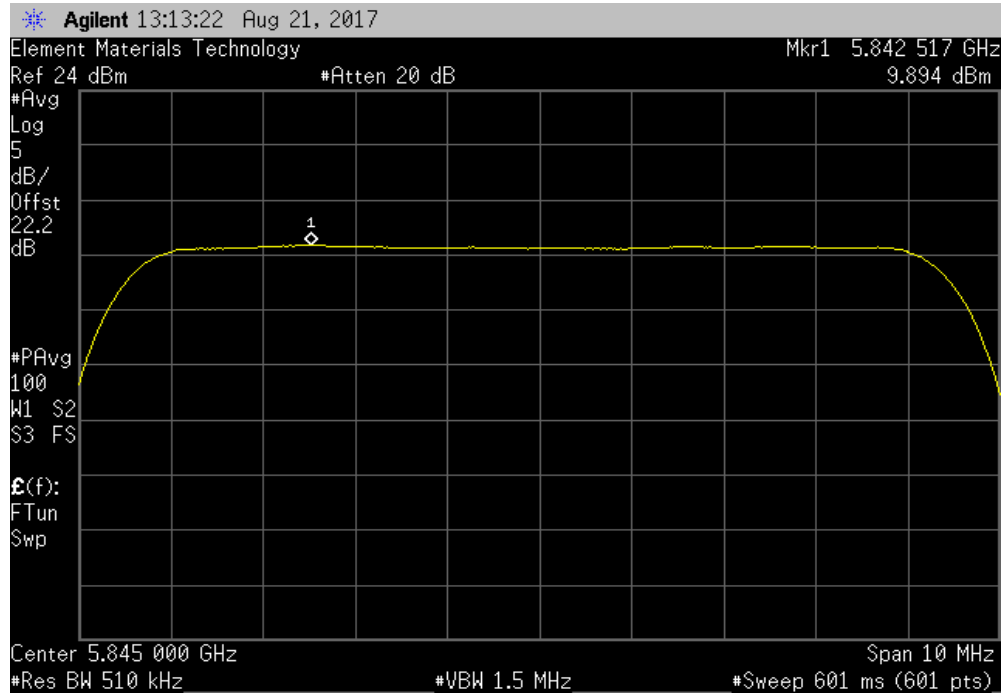


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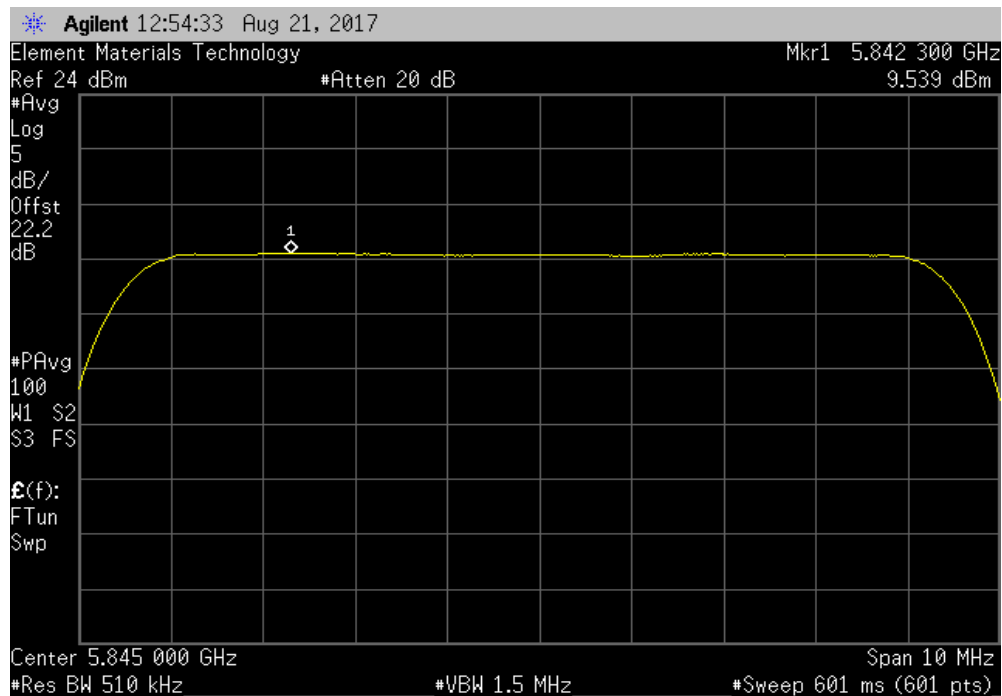


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.894	0	9.9	30	Pass		



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.539	0	9.5	30	Pass		

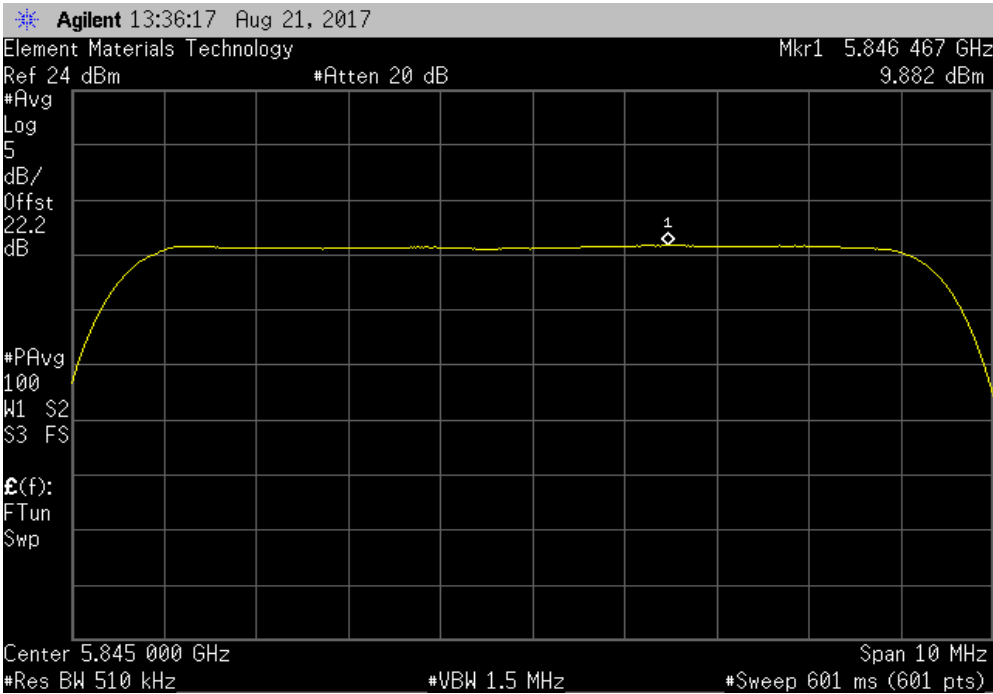


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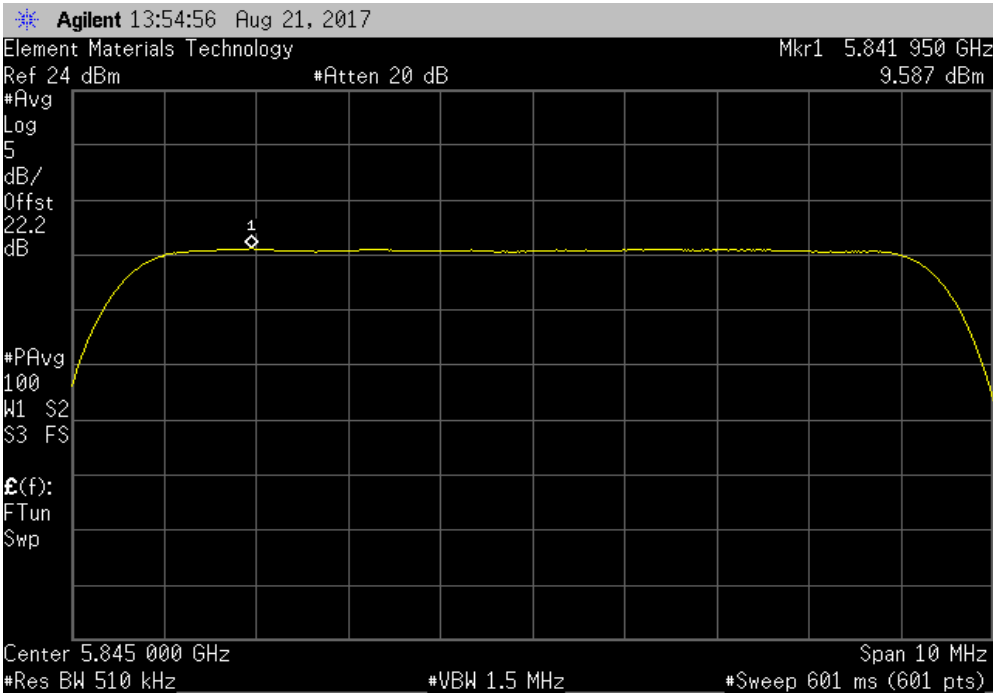


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5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 64-QAM, Radio 1, Port RF0						
Power	Duty Cycle	Density	Limit			
(dBm/RBW)	Factor (dB)	(dBm/RBW)	≤ (dBm/RBW)	Results		
9.882	0	9.9	30	Pass		



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 64-QAM, Radio 1, Port RF1						
Power	Duty Cycle	Density	Limit			
(dBm/RBW)	Factor (dB)	(dBm/RBW)	≤ (dBm/RBW)	Results		
9.587	0	9.6	30	Pass		

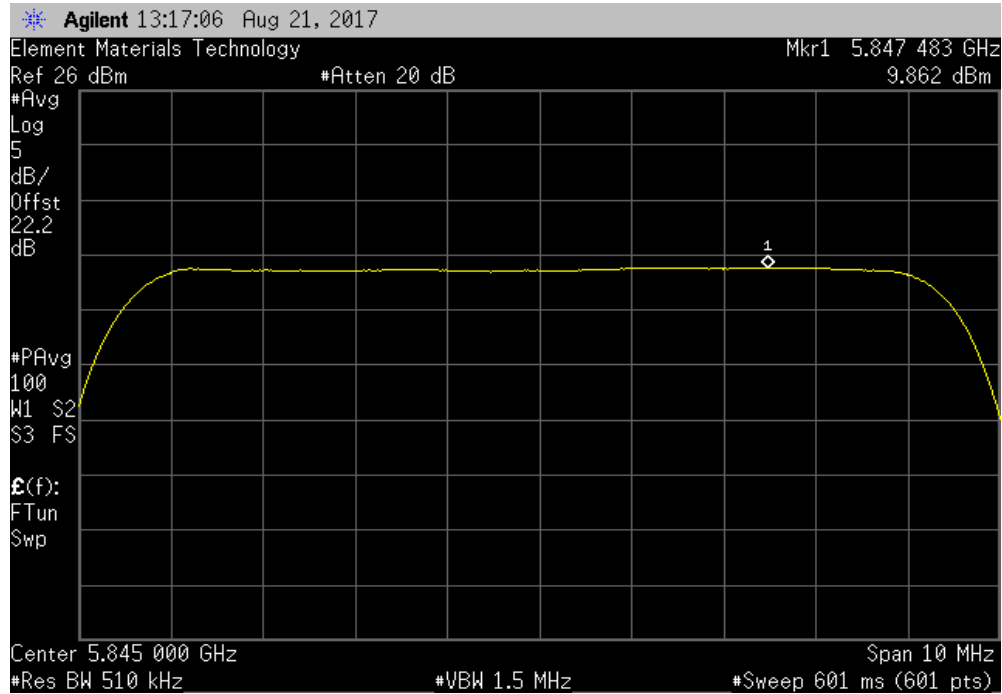


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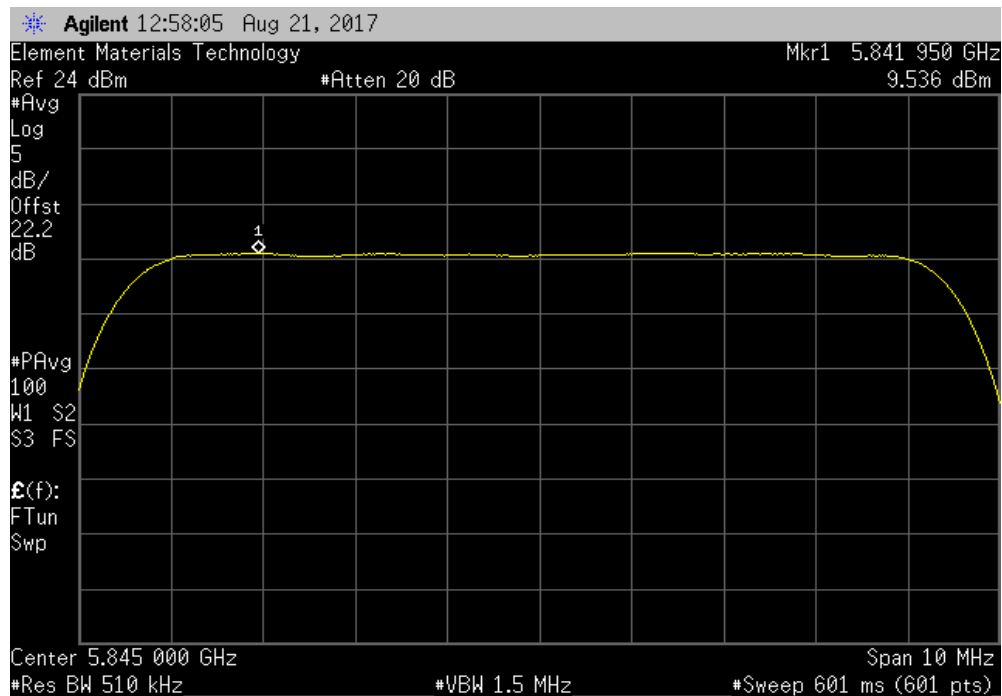


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5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.862	0	9.9	30	Pass		



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.536	0	9.5	30	Pass		

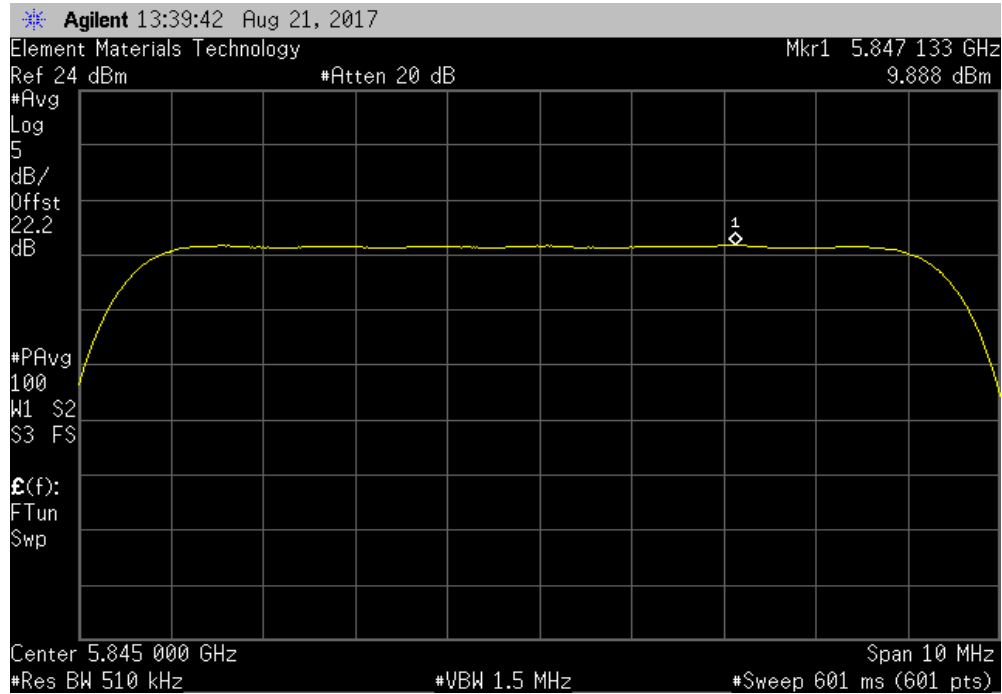


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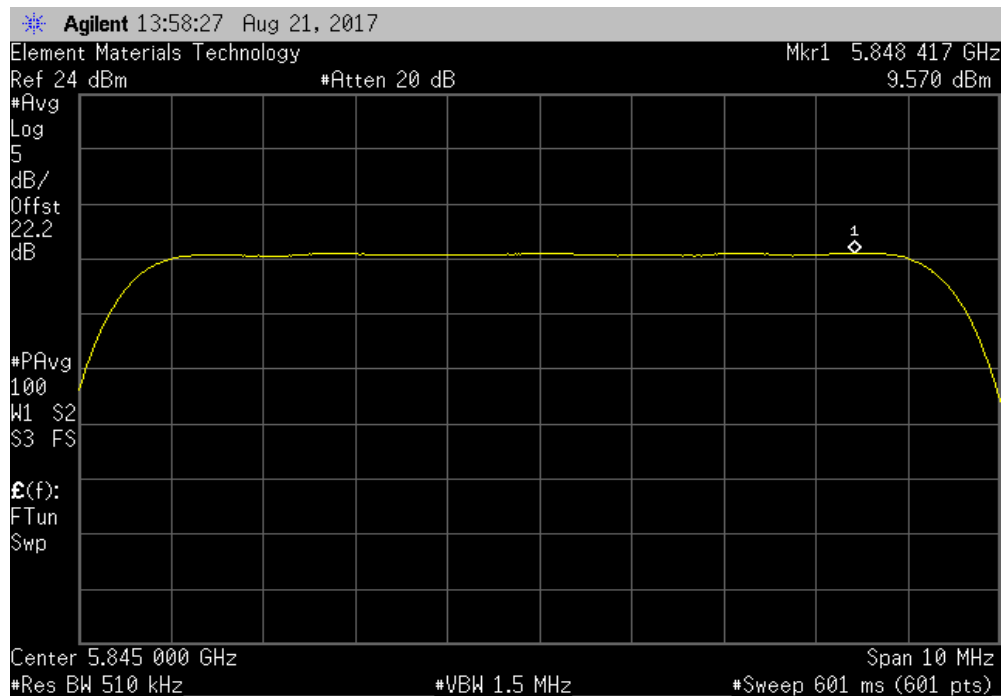


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5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.888	0	9.9	30	Pass		



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.57	0	9.6	30	Pass		

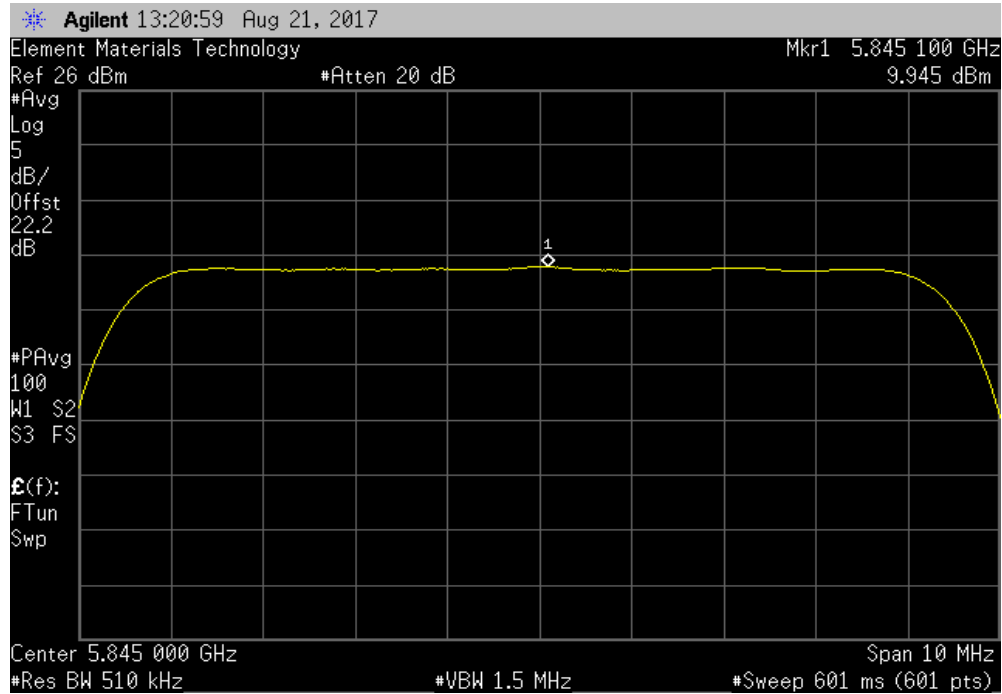


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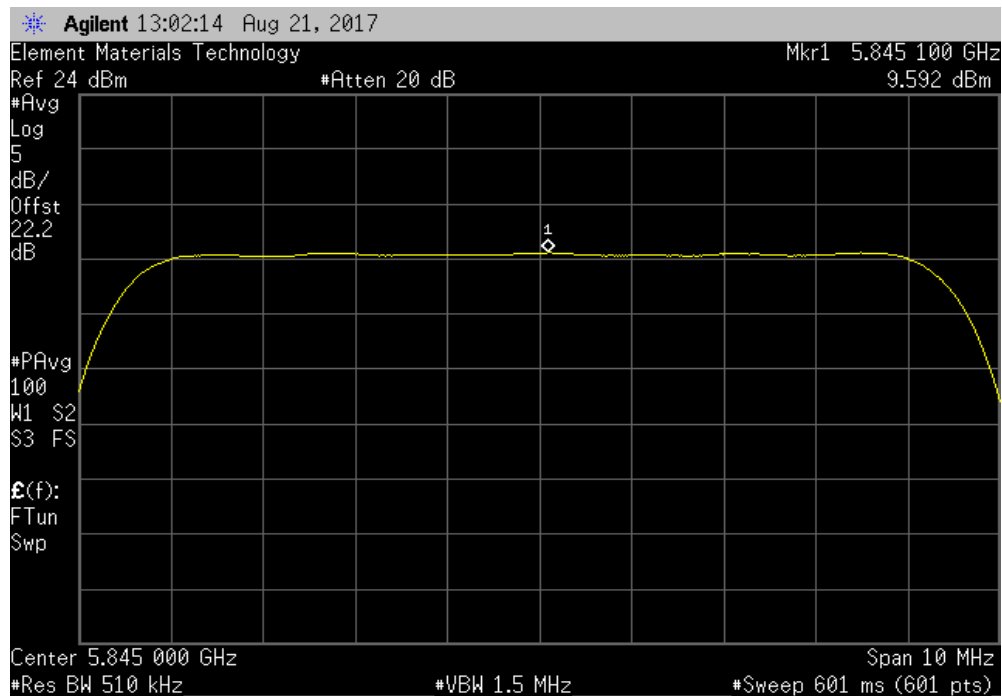


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.945	0	9.9	30	Pass		



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.592	0	9.6	30	Pass		

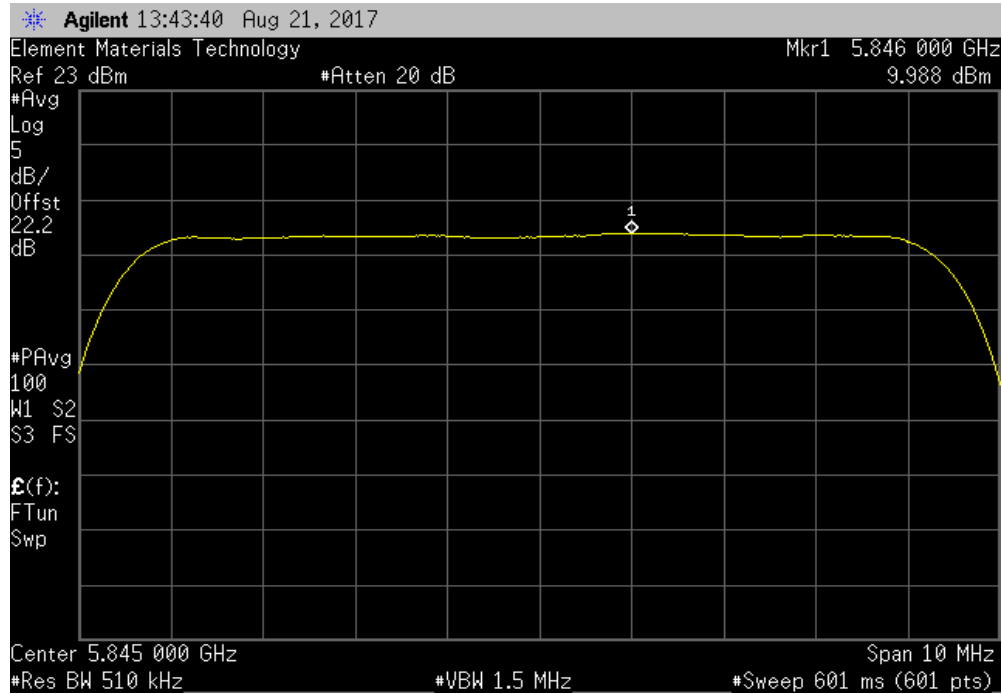


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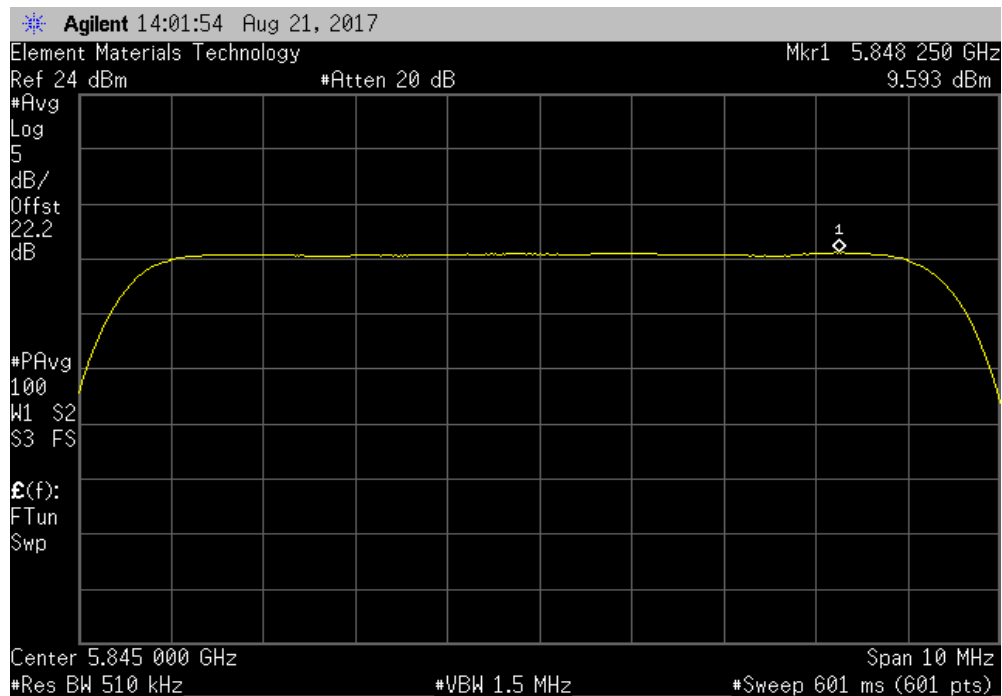


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 1024-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.988	0	10	30	Pass		



5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 1024-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
9.593	0	9.6	30	Pass		

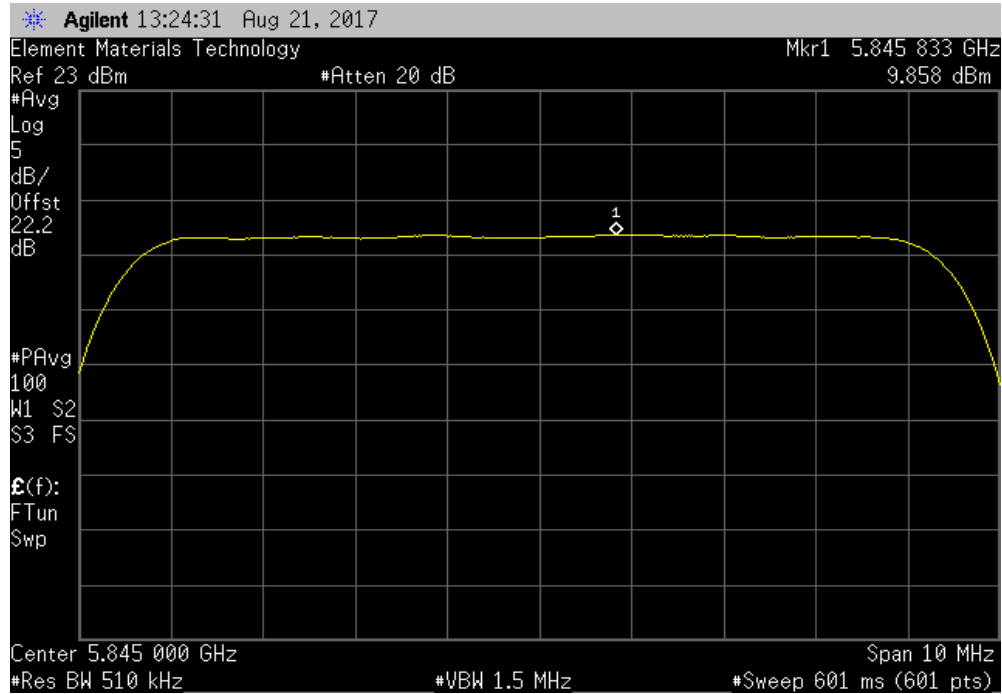


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

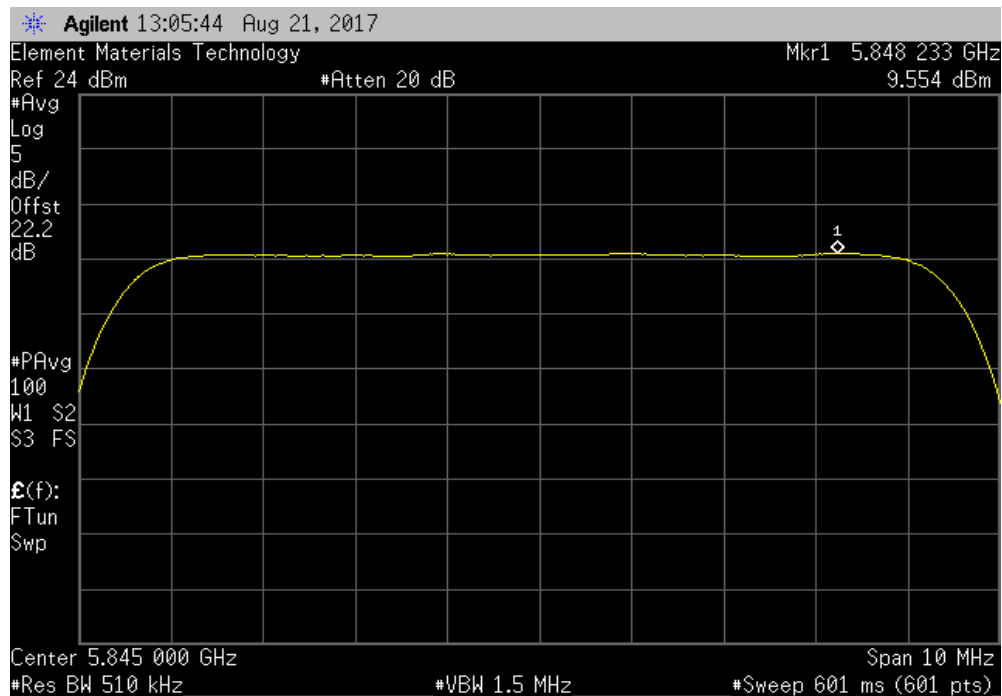


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 1024-QAM, Radio 2, Port RF0						
	Power (dBm/RBW)	Duty Cycle Factor (dB)		Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results
	9.858	0		9.9	30	Pass



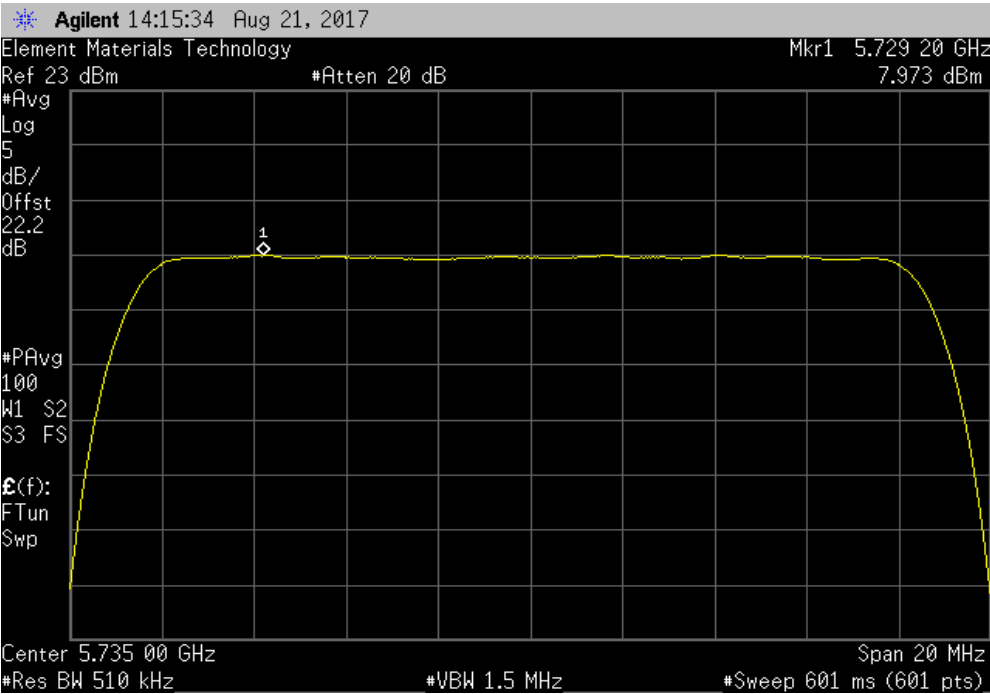
5725 - 5850 MHz, 5845 MHz (High Channel), 10 MHz BW, 1024-QAM, Radio 2, Port RF1						
	Power (dBm/RBW)	Duty Cycle Factor (dB)		Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results
	9.554	0		9.6	30	Pass



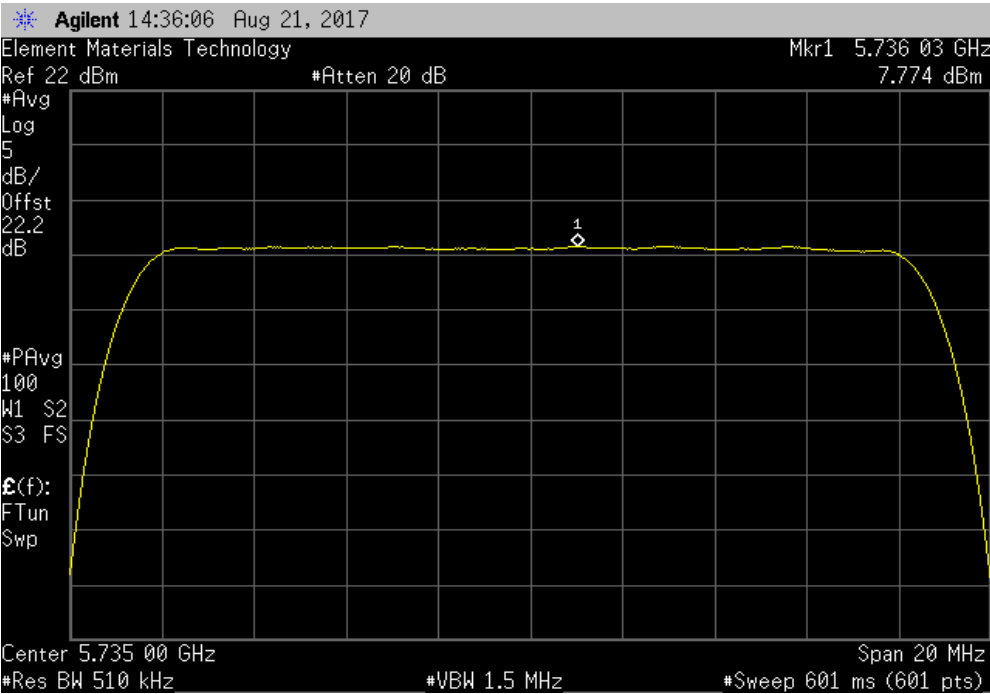
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.973	0	8	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.774	0	7.8	30	Pass		

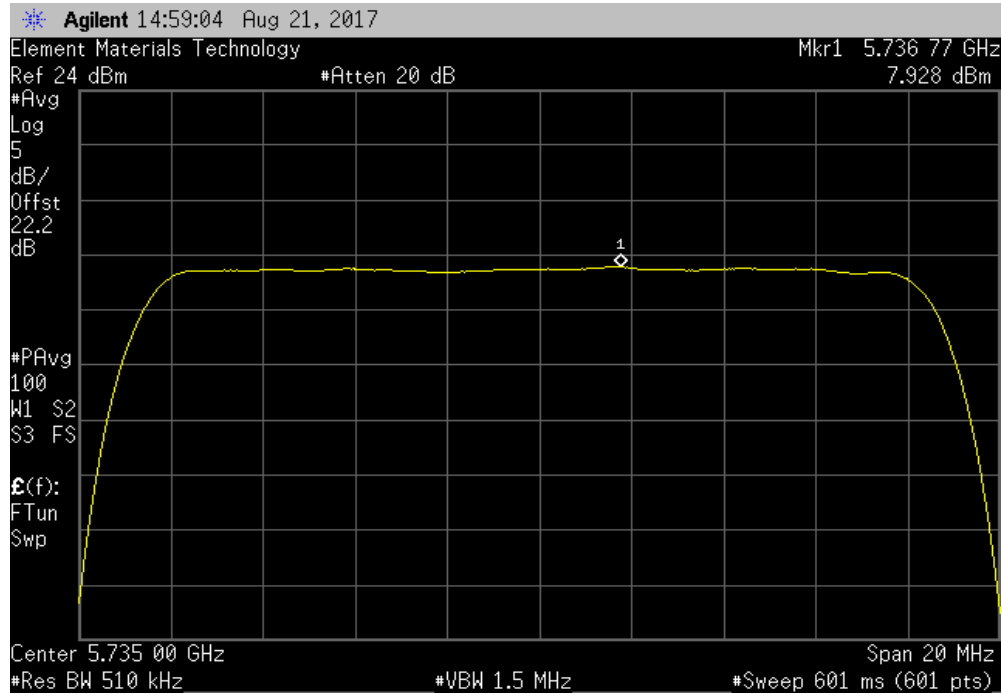


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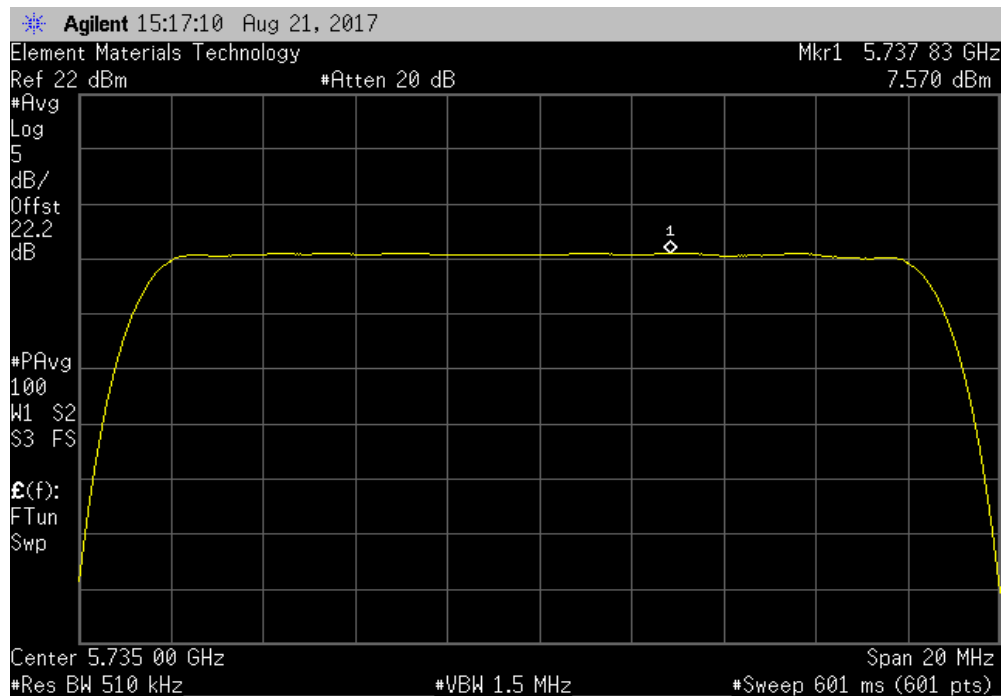


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.928	0	7.9	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.57	0	7.6	30	Pass		

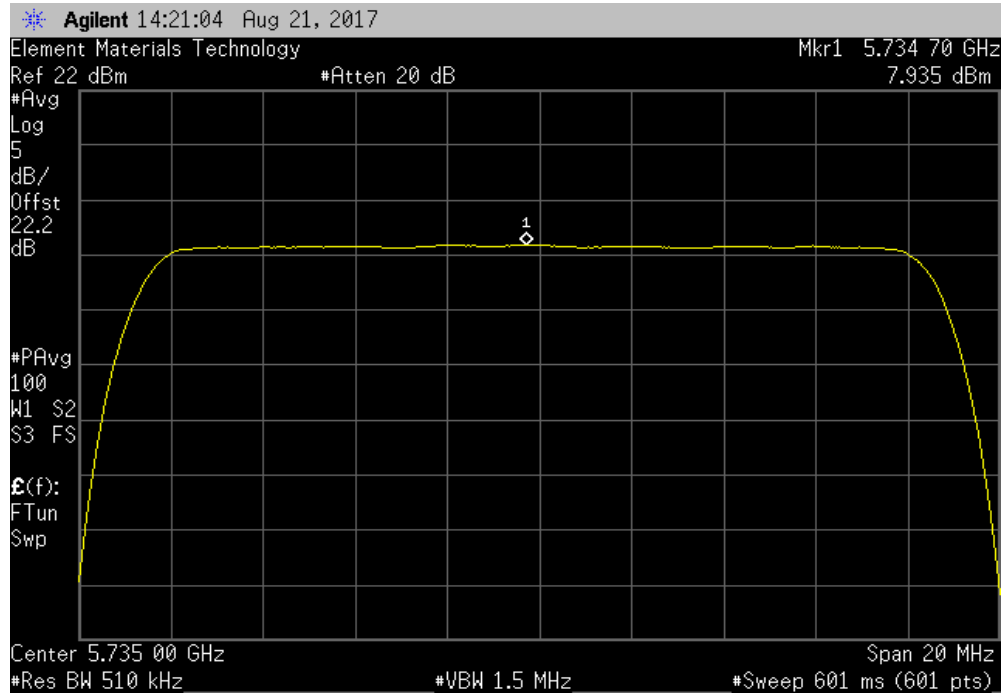


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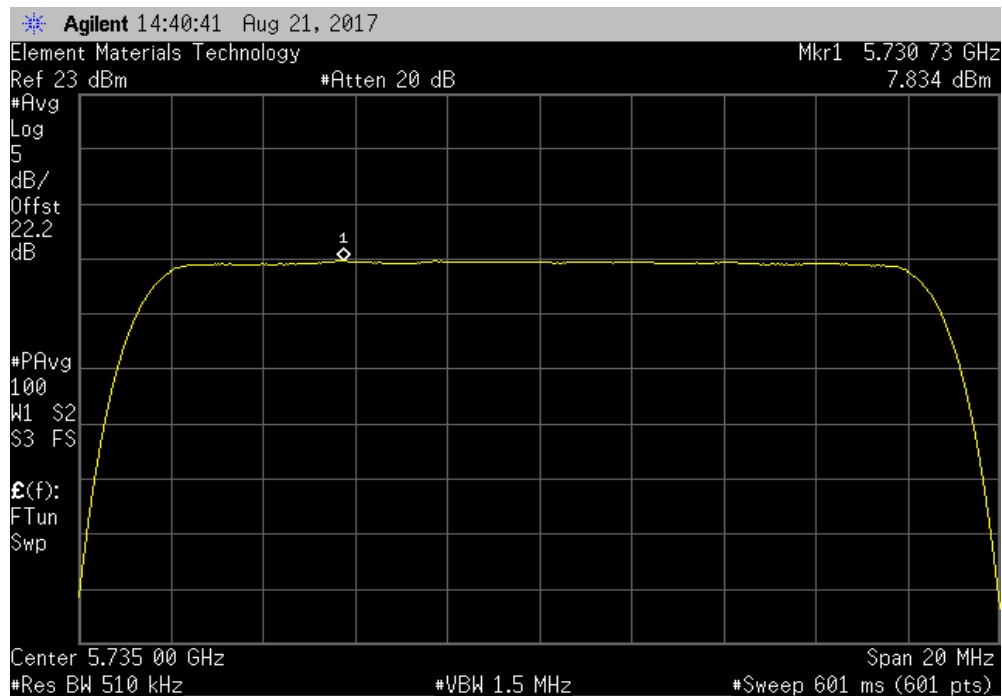


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 16-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.935	0	7.9	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 16-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.834	0	7.8	30	Pass		

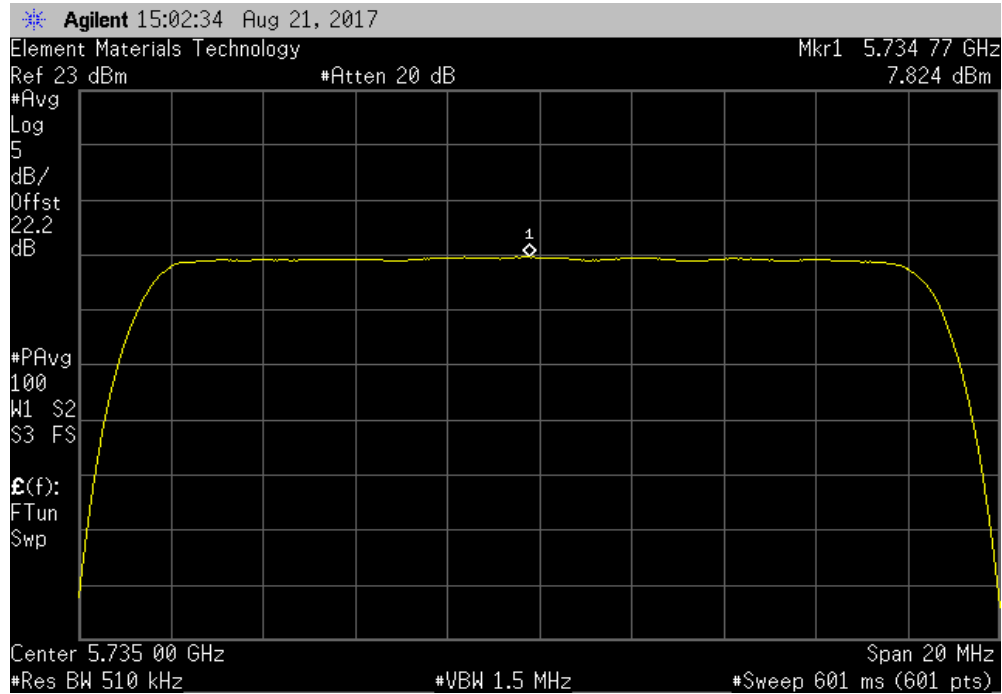


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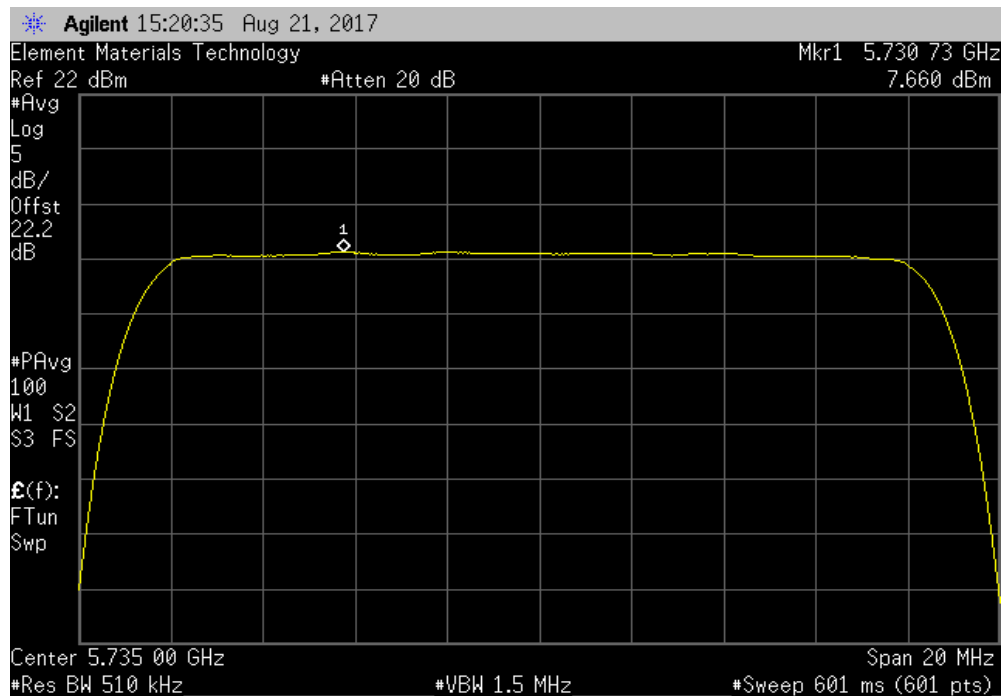


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.824	0	7.8	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.66	0	7.7	30	Pass		

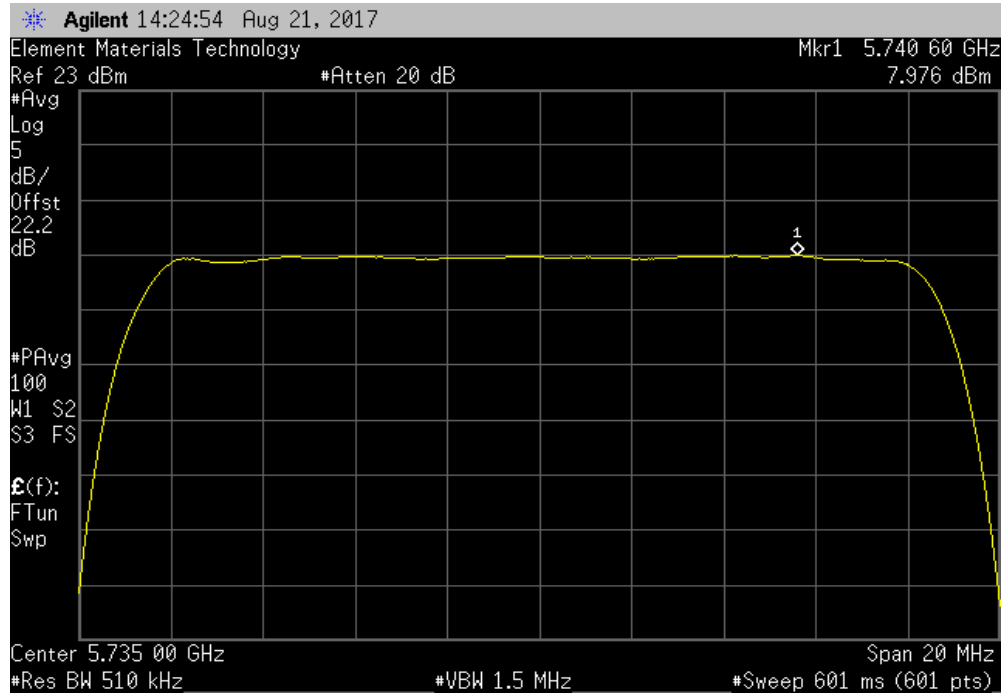


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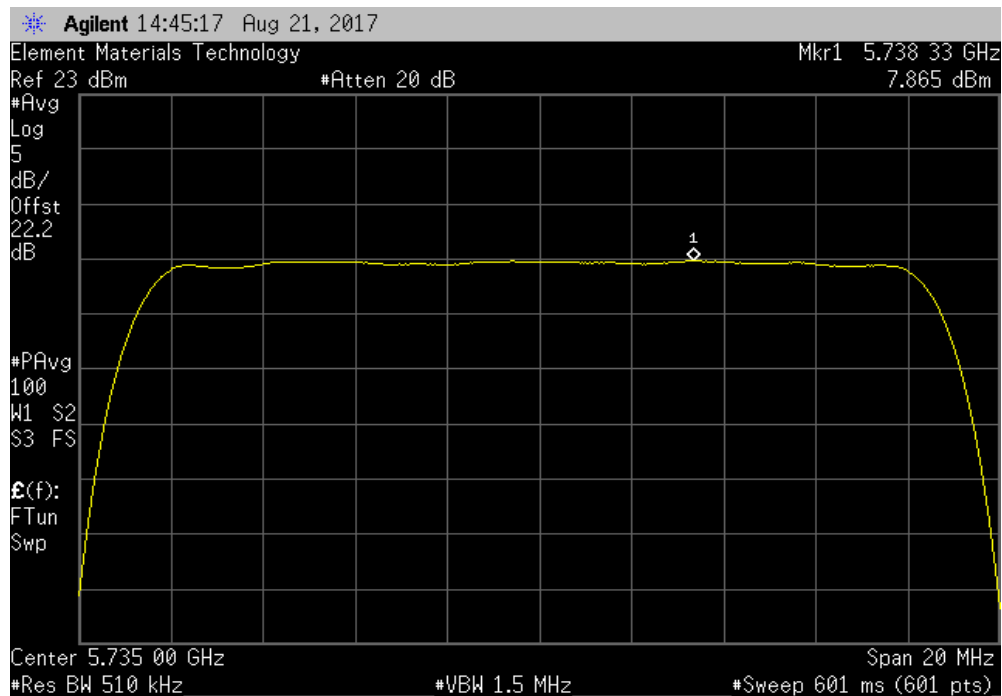


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 64-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.976	0	8	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 64-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.865	0	7.9	30	Pass		

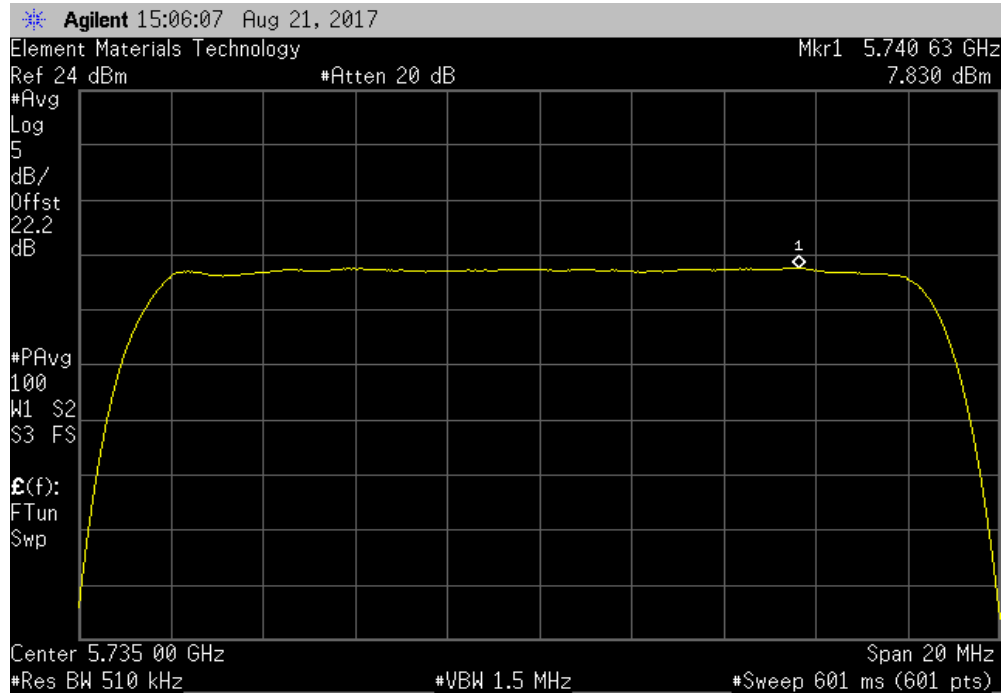


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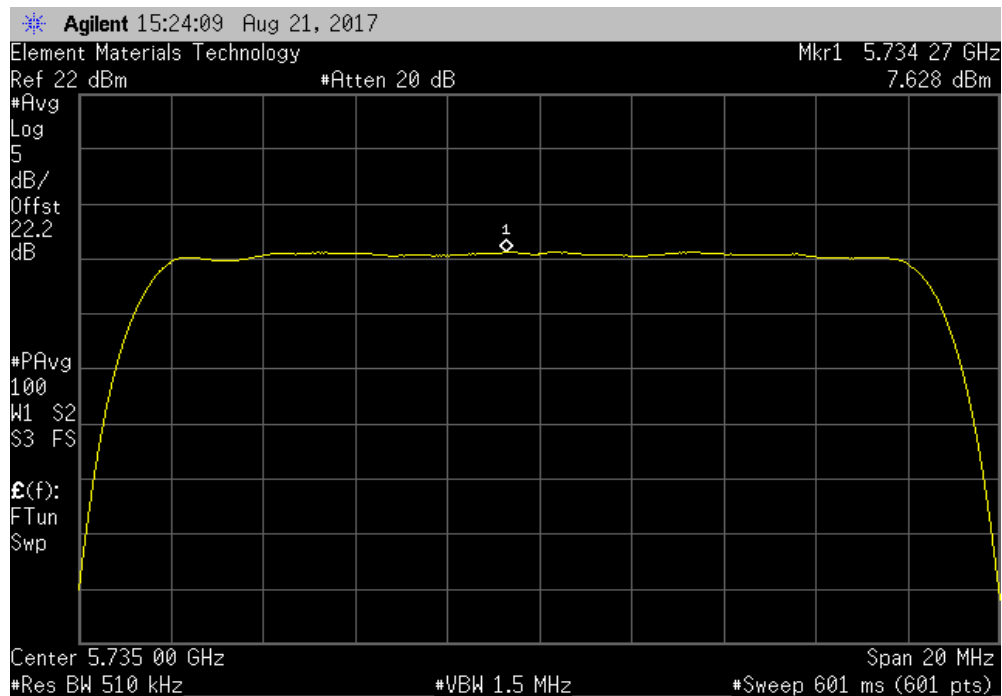


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.83	0	7.8	30	Pass		



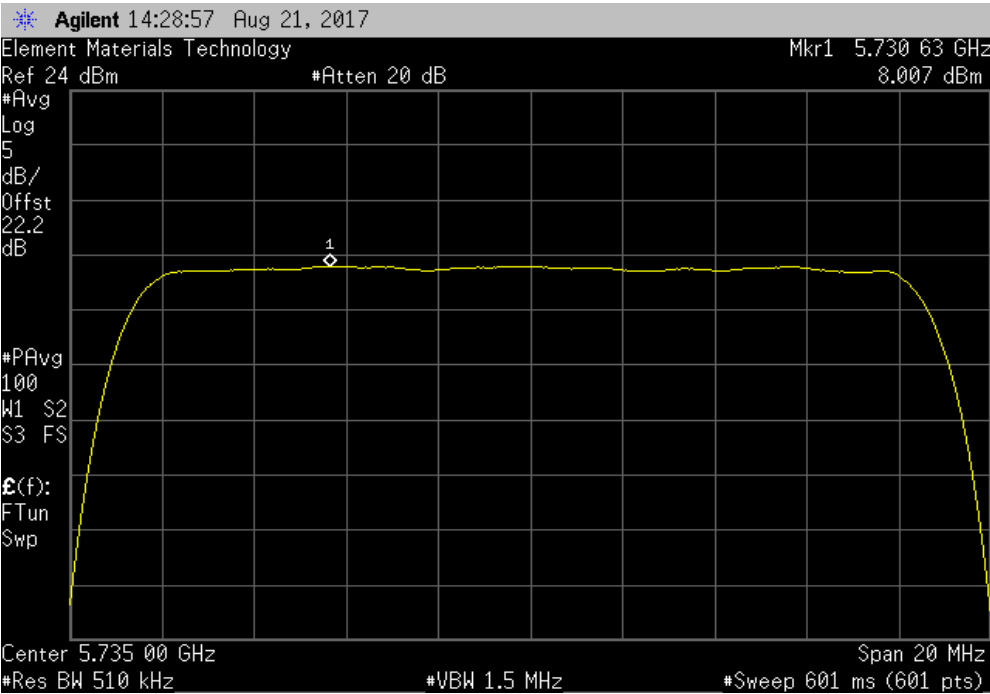
5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.628	0	7.6	30	Pass		



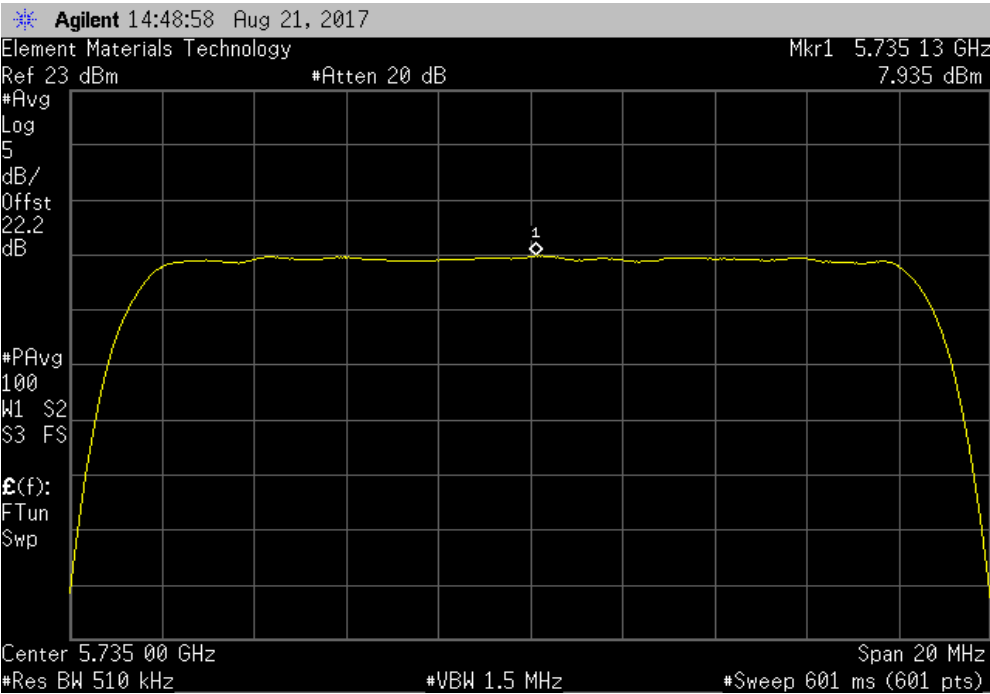
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.007	0	8	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.935	0	7.9	30	Pass		

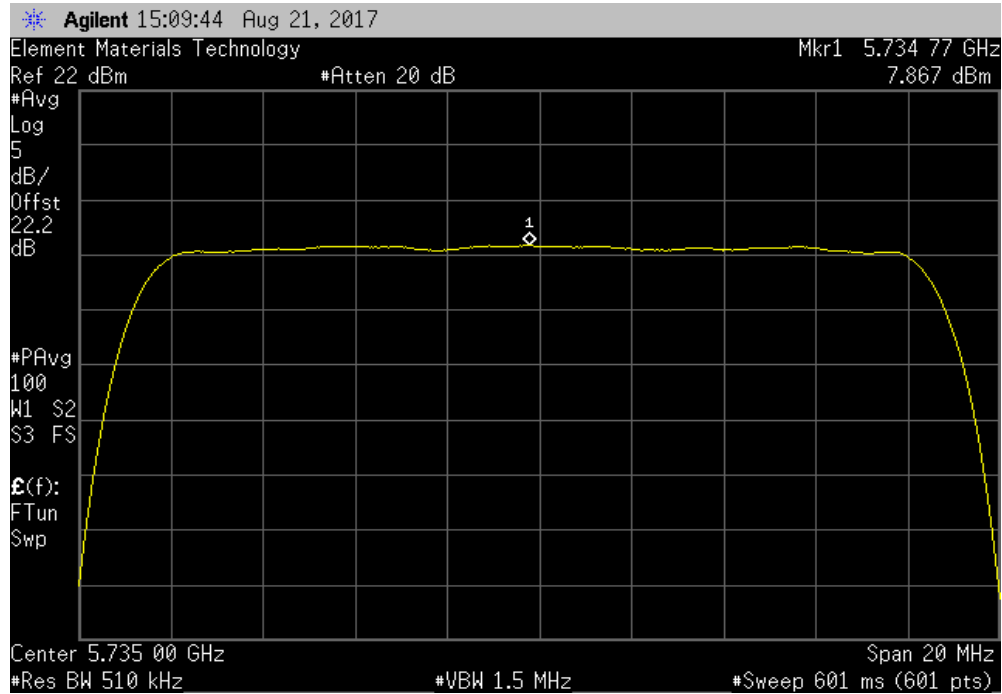


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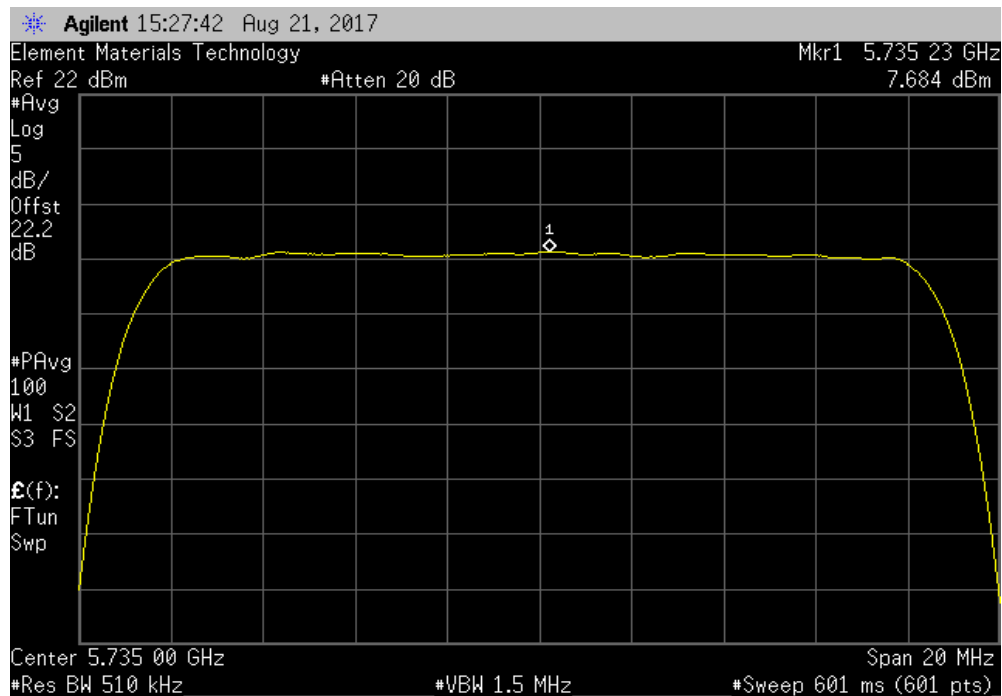


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.867	0	7.9	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.684	0	7.7	30	Pass		

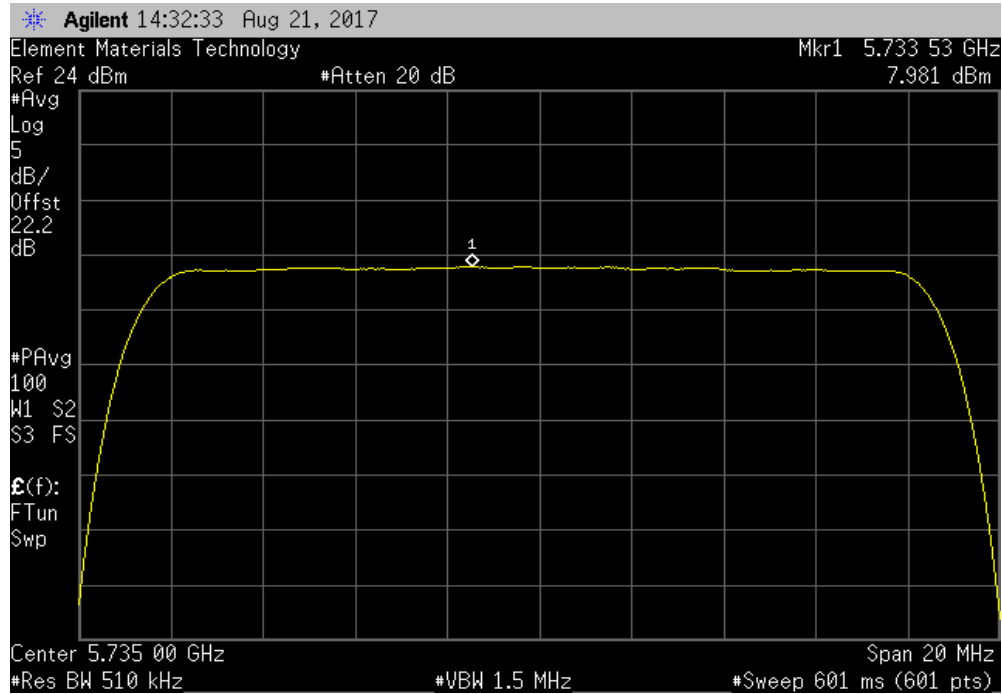


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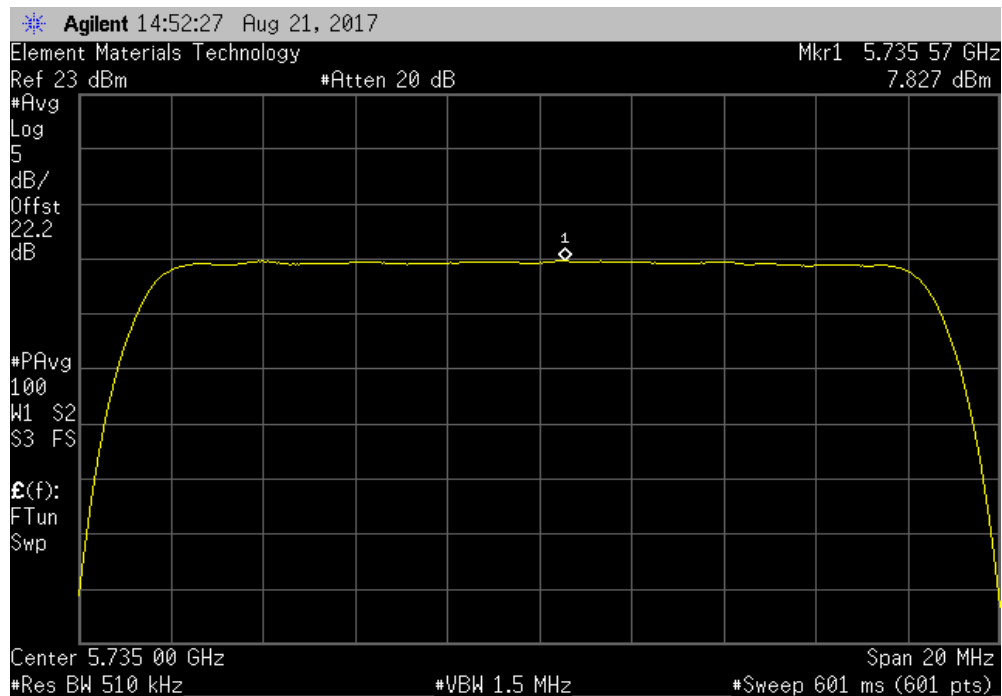


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 1024-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.981	0	8	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 1024-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.827	0	7.8	30	Pass		

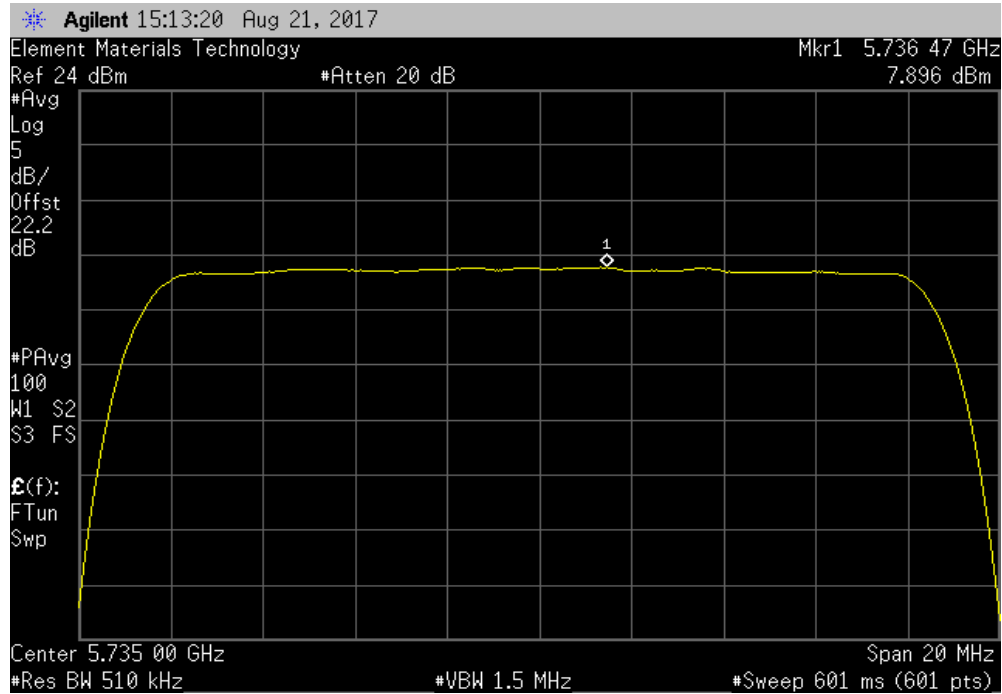


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

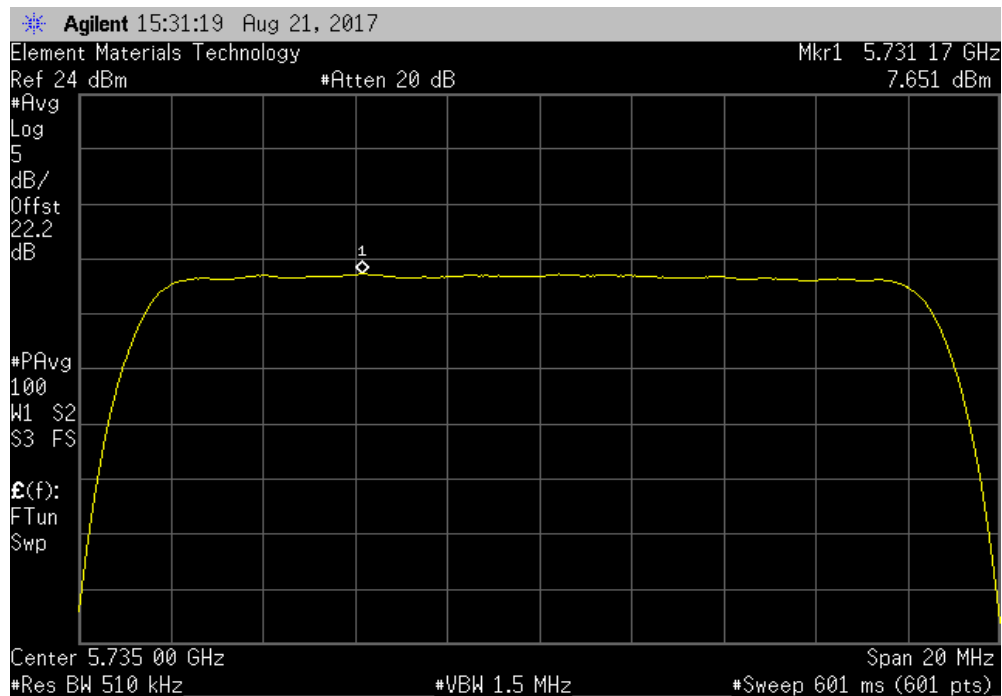


TMTx 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 1024-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.896	0	7.9	30	Pass		



5725 - 5850 MHz, 5735 MHz (Low Channel), 20 MHz BW, 1024-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.651	0	7.7	30	Pass		

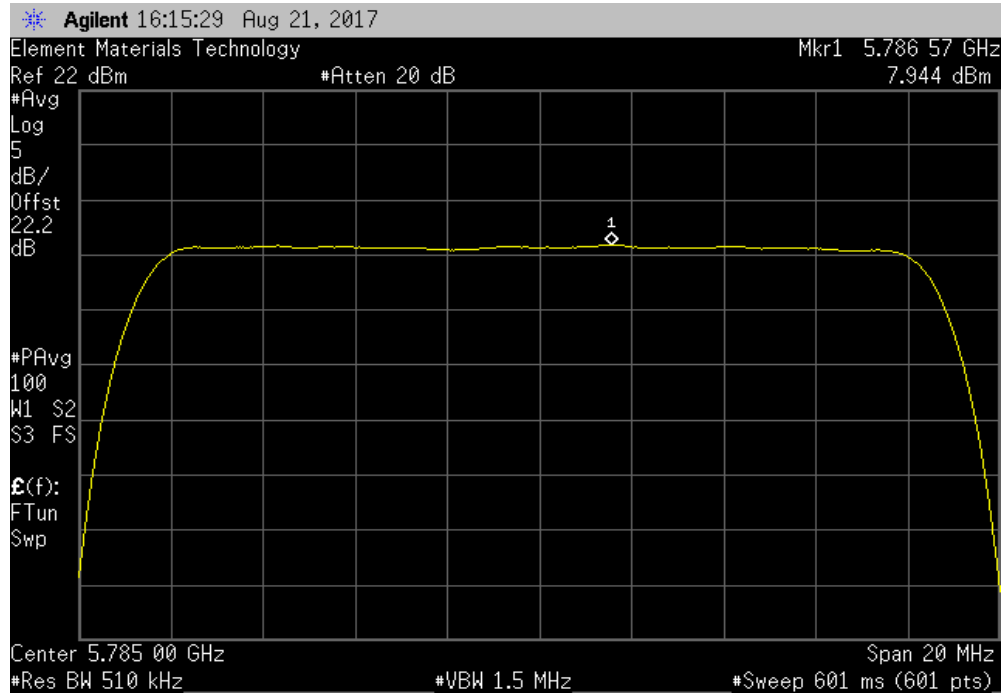


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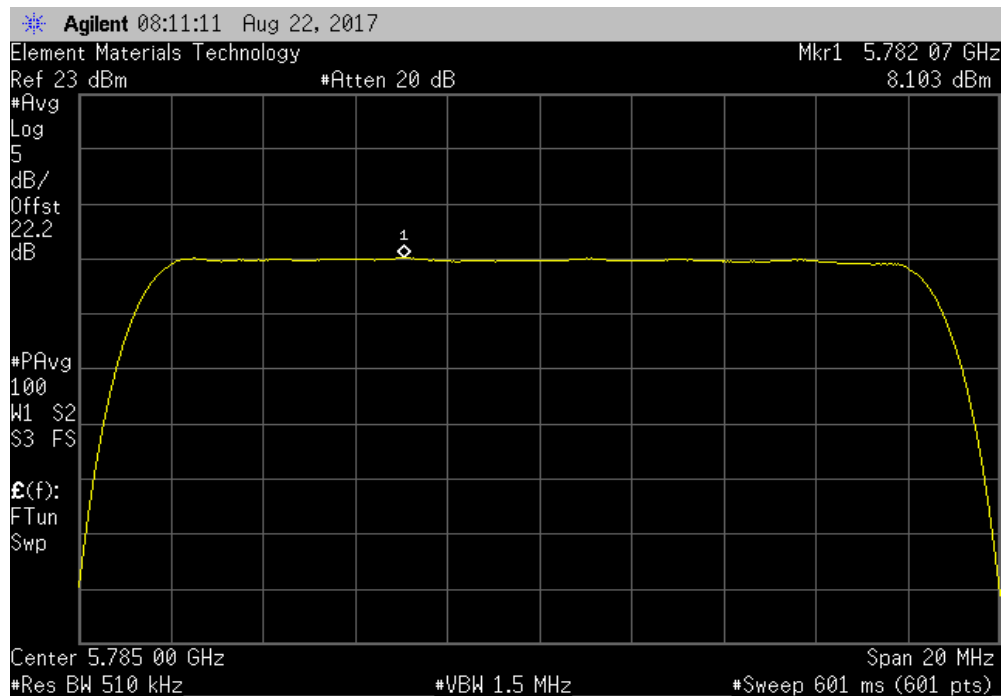


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.944	0	7.9	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.103	0	8.1	30	Pass		

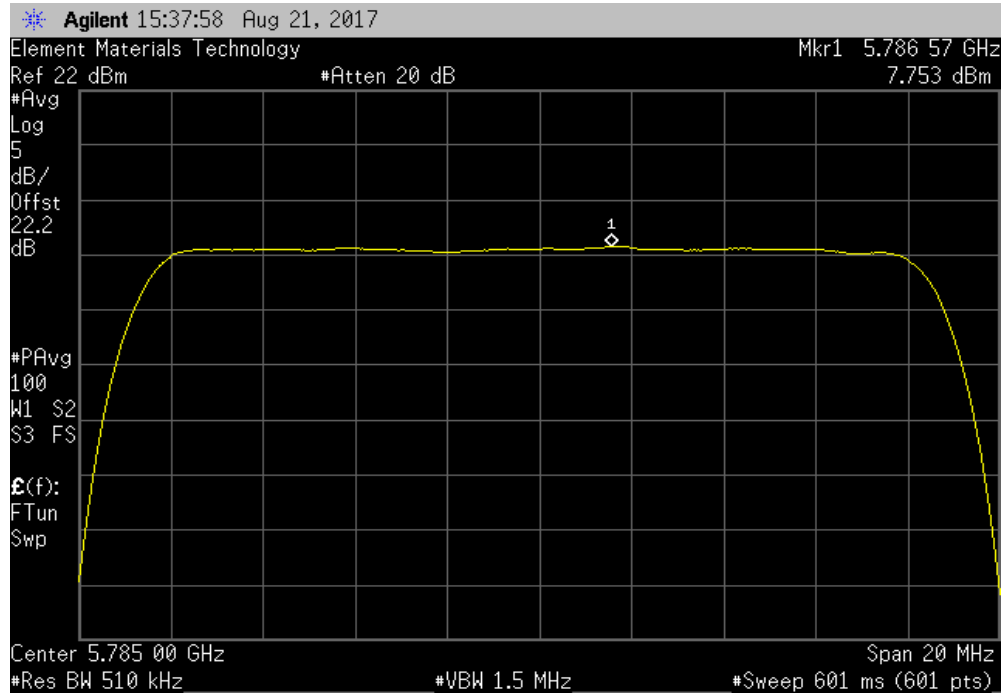


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

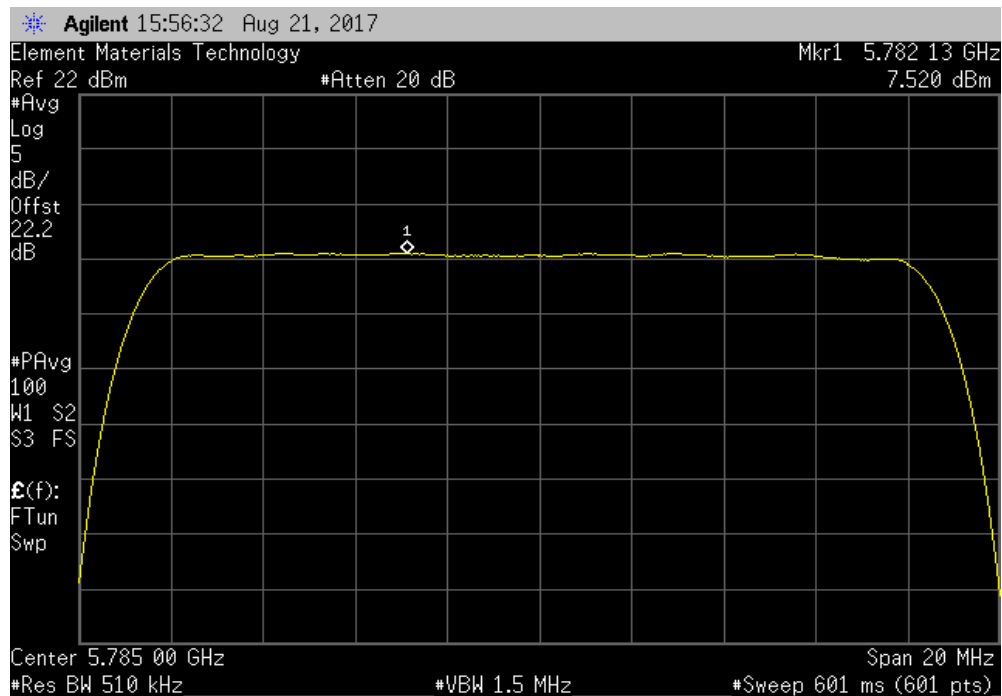


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.753	0	7.8	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.52	0	7.5	30	Pass		

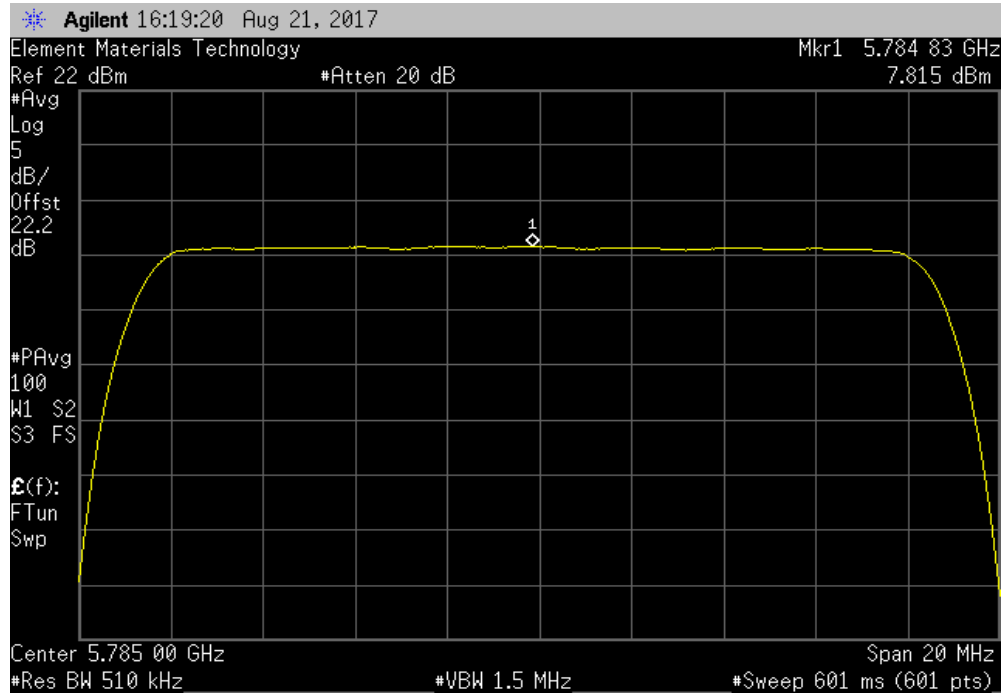


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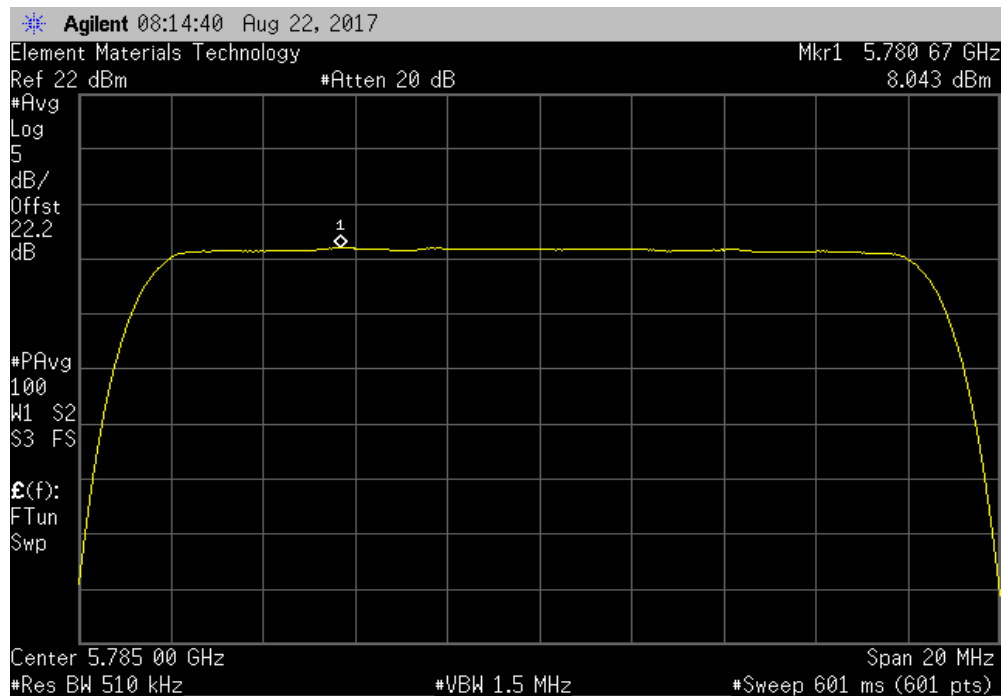


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5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 16-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.815	0	7.8	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 16-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.043	0	8	30	Pass		

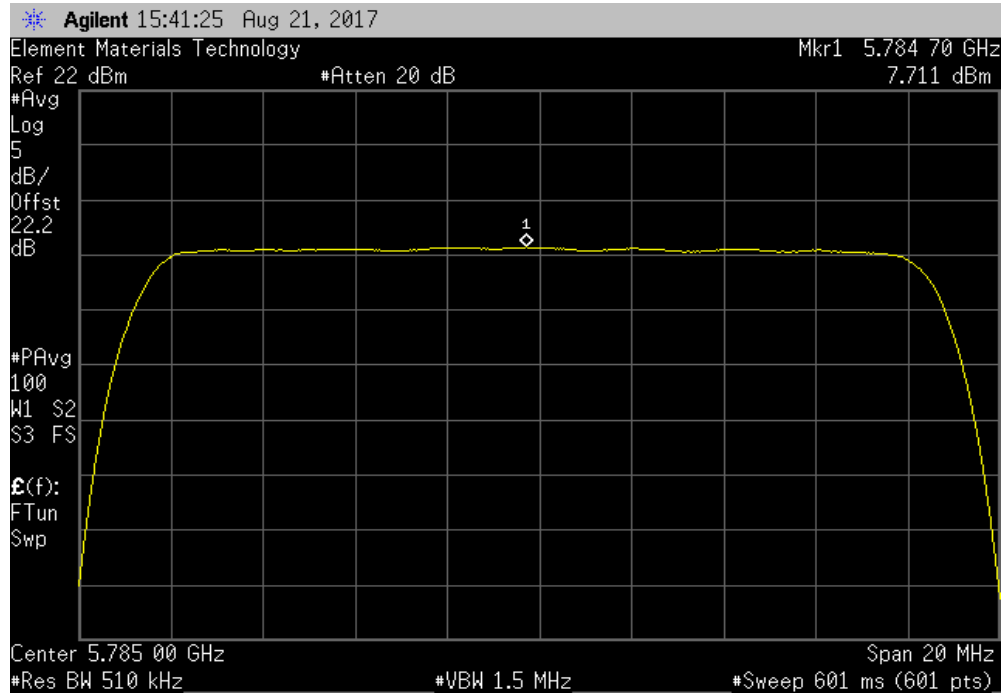


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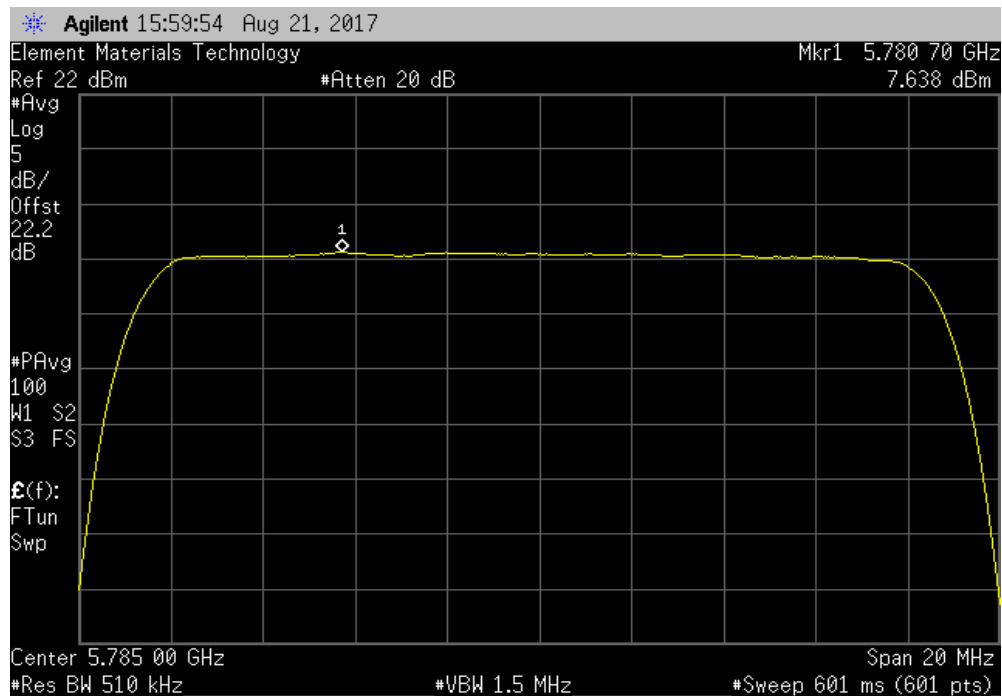


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.711	0	7.7	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.638	0	7.6	30	Pass		

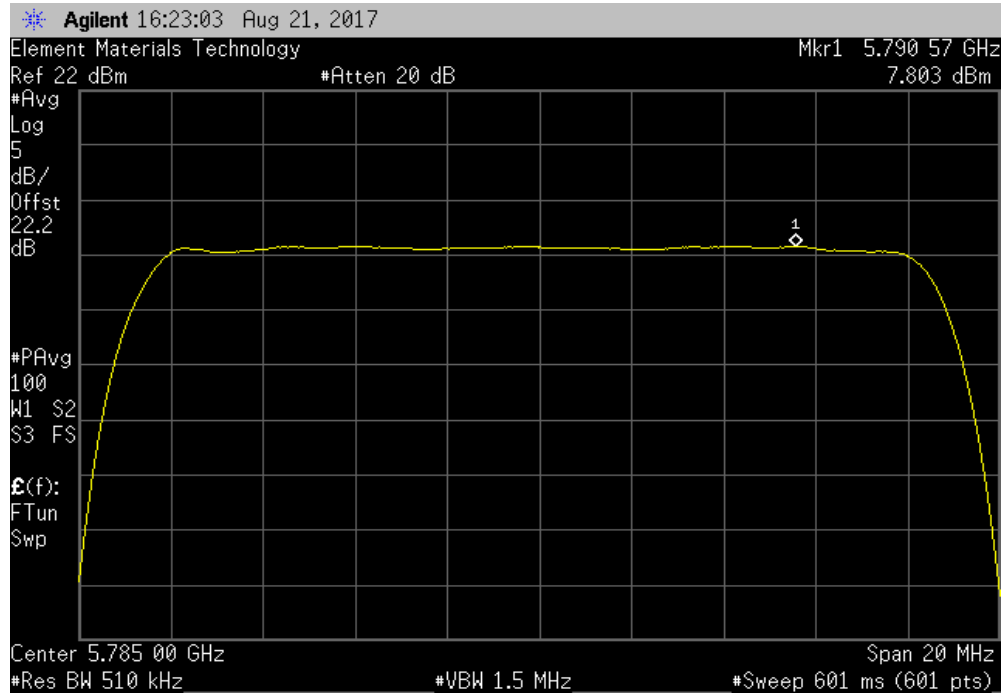


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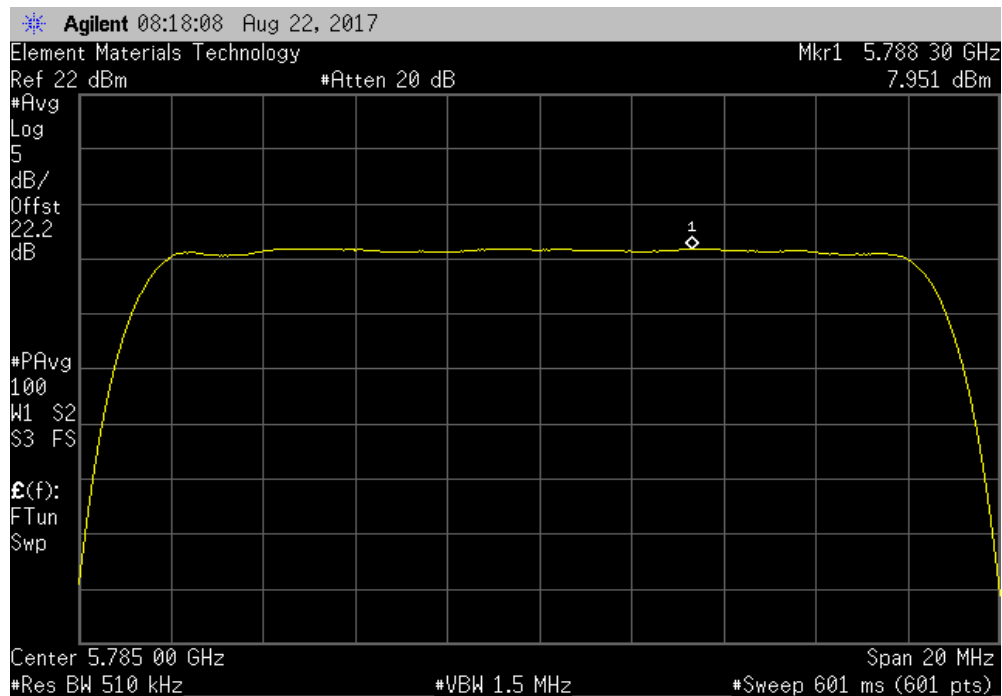


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 64-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.803	0	7.8	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 64-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.951	0	8	30	Pass		

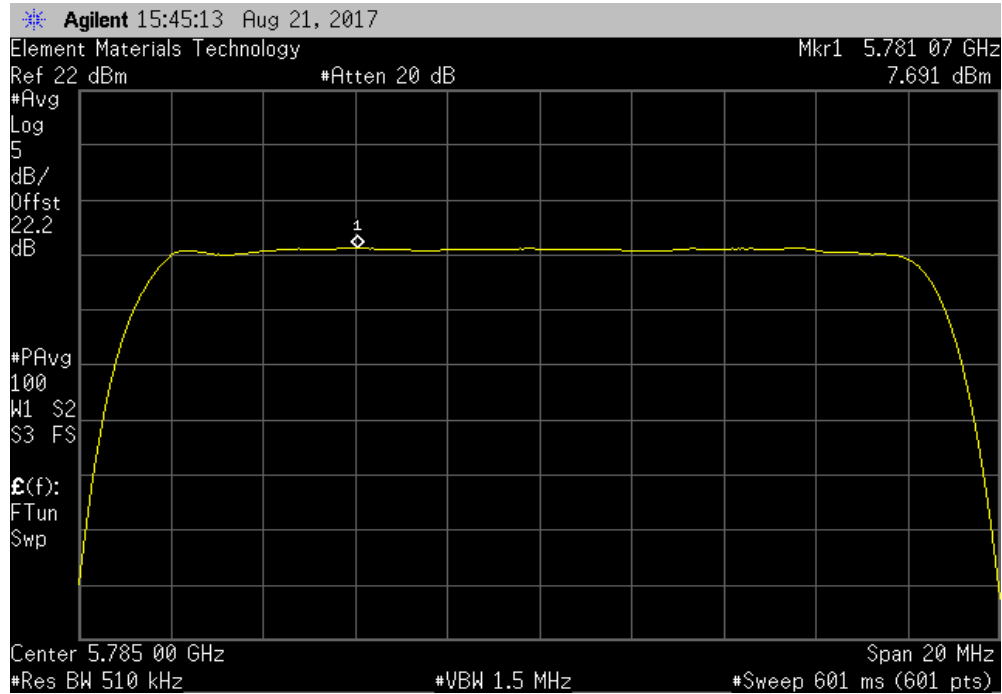


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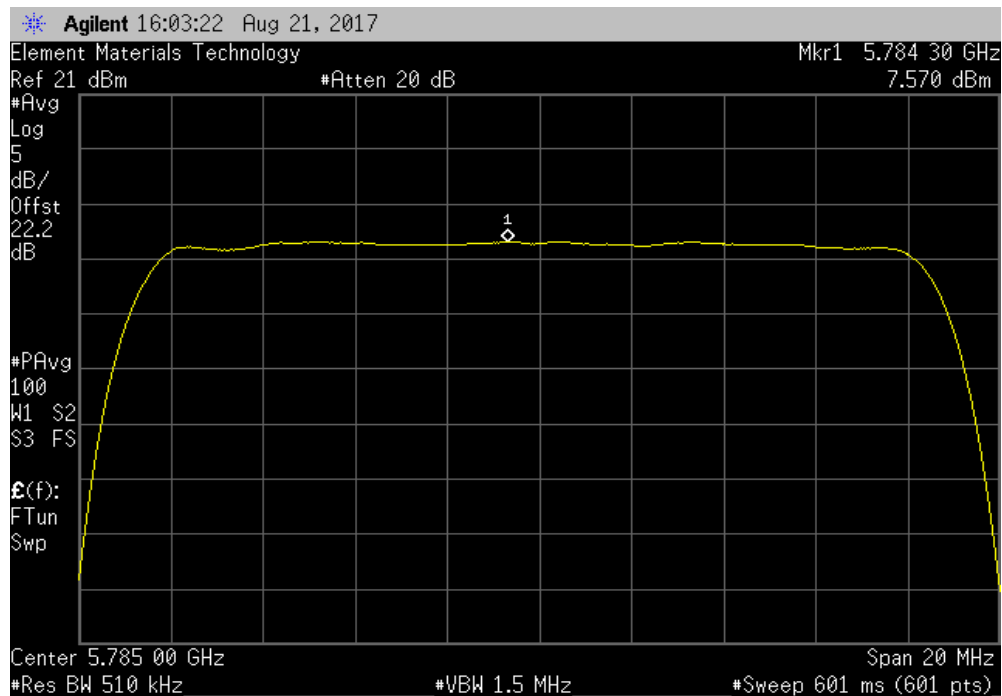


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5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.691	0	7.7	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.57	0	7.6	30	Pass		

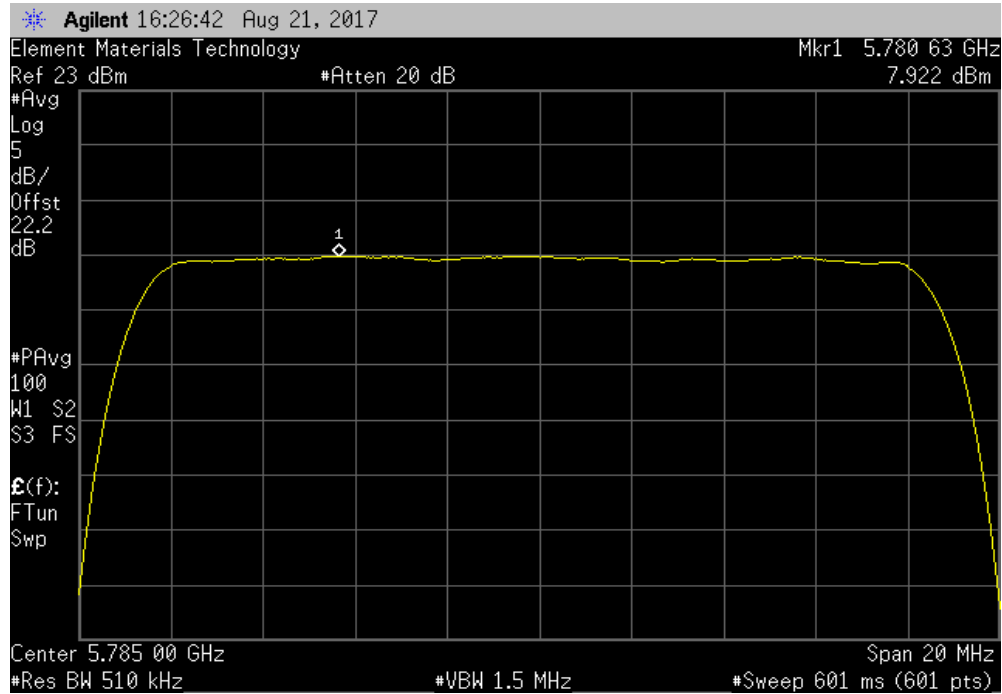


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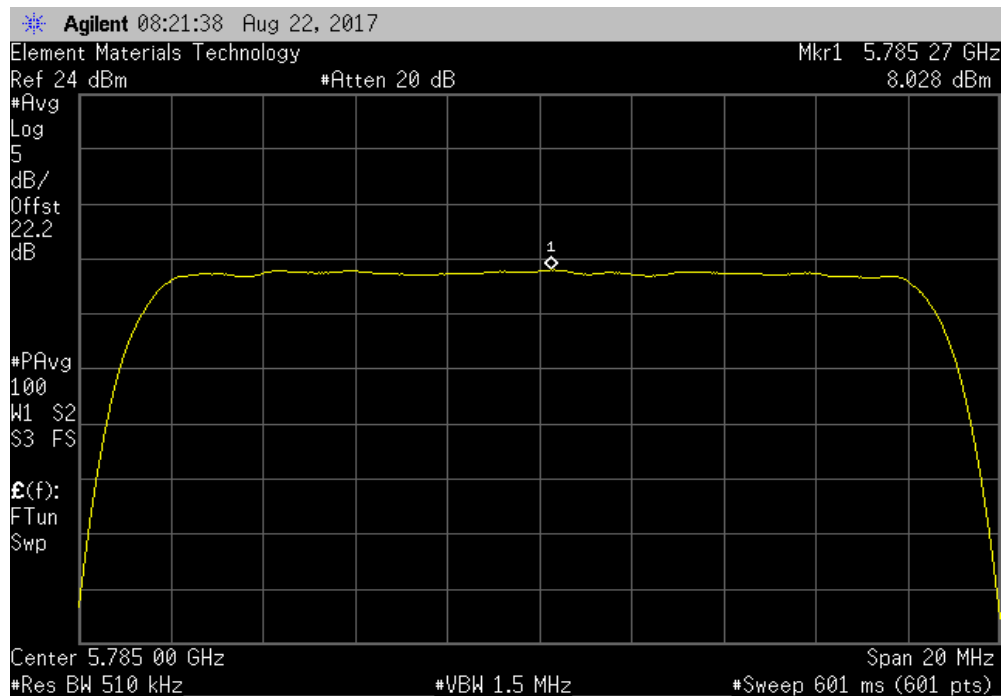


TMTx 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.922	0	7.9	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.028	0	8	30	Pass		

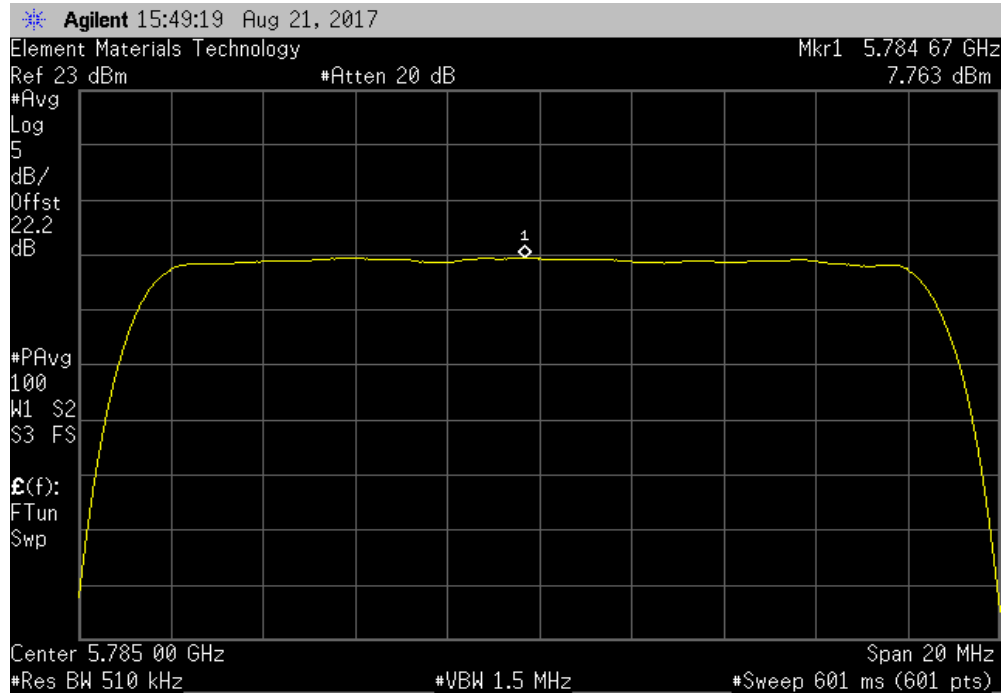


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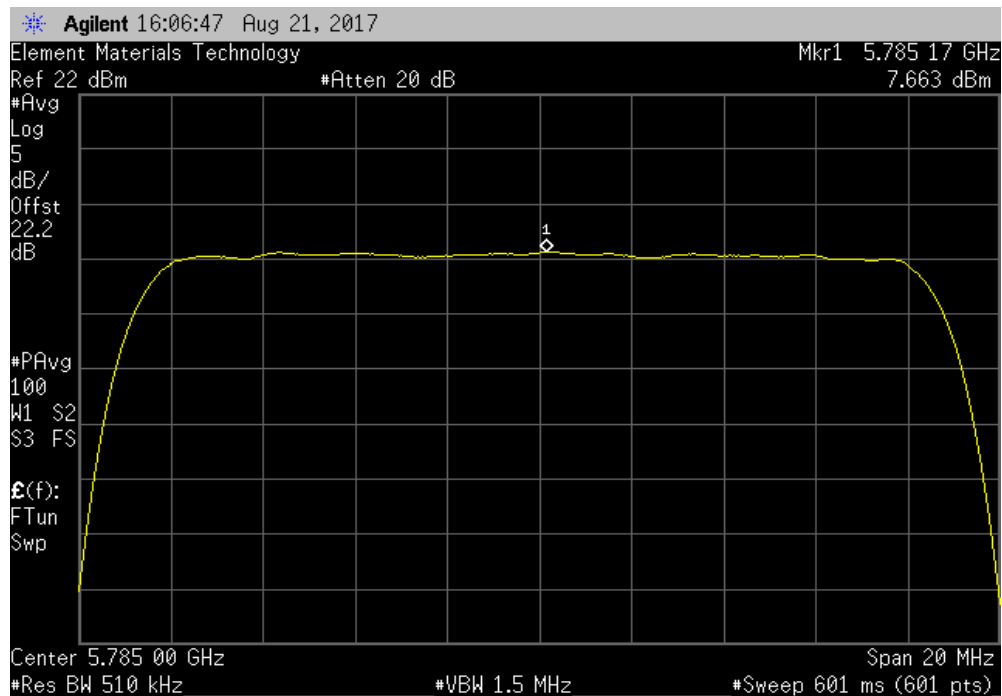


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.763	0	7.8	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.663	0	7.7	30	Pass		

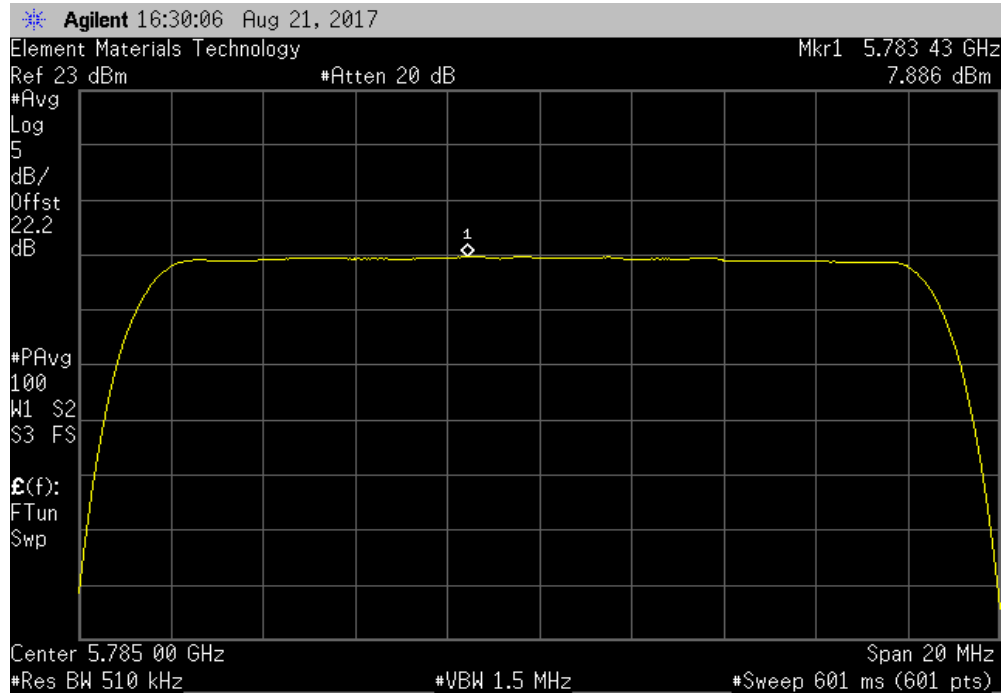


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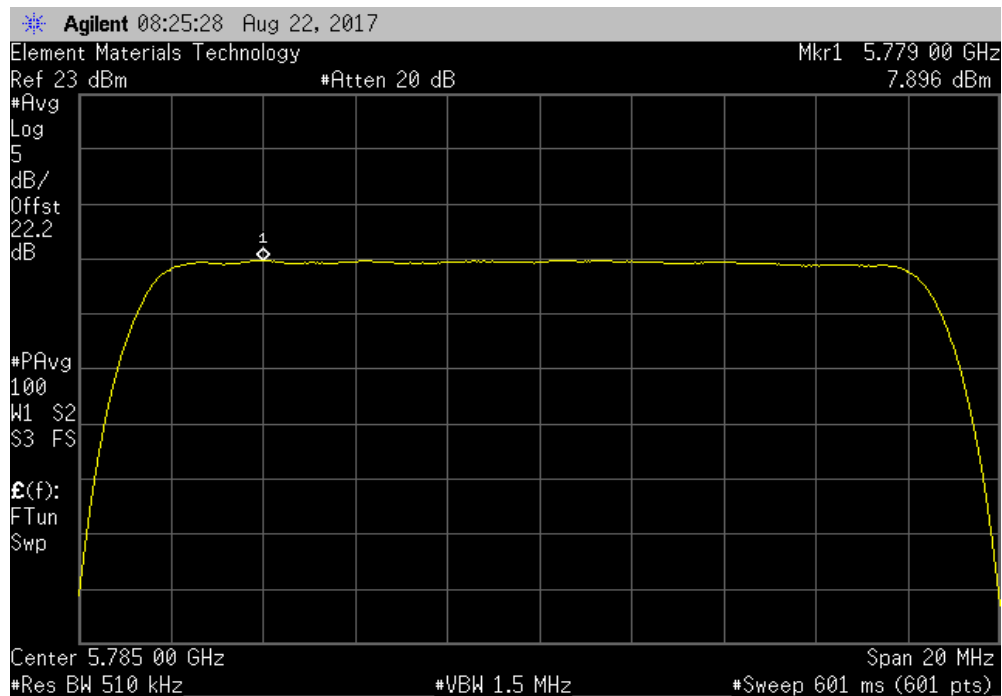


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5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 1024-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.886	0	7.9	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 1024-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.896	0	7.9	30	Pass		

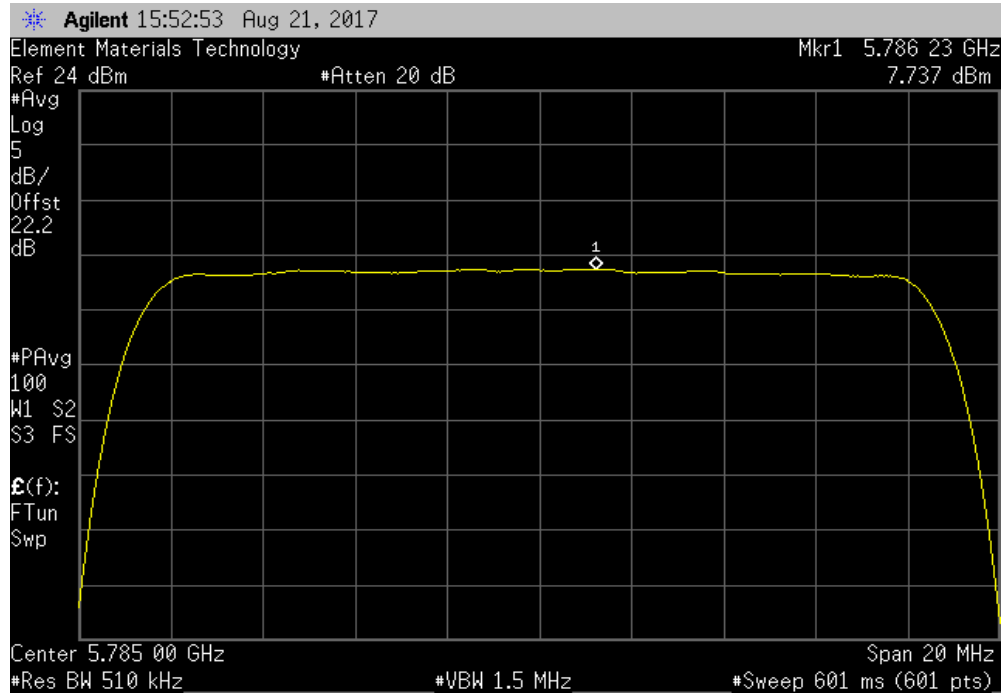


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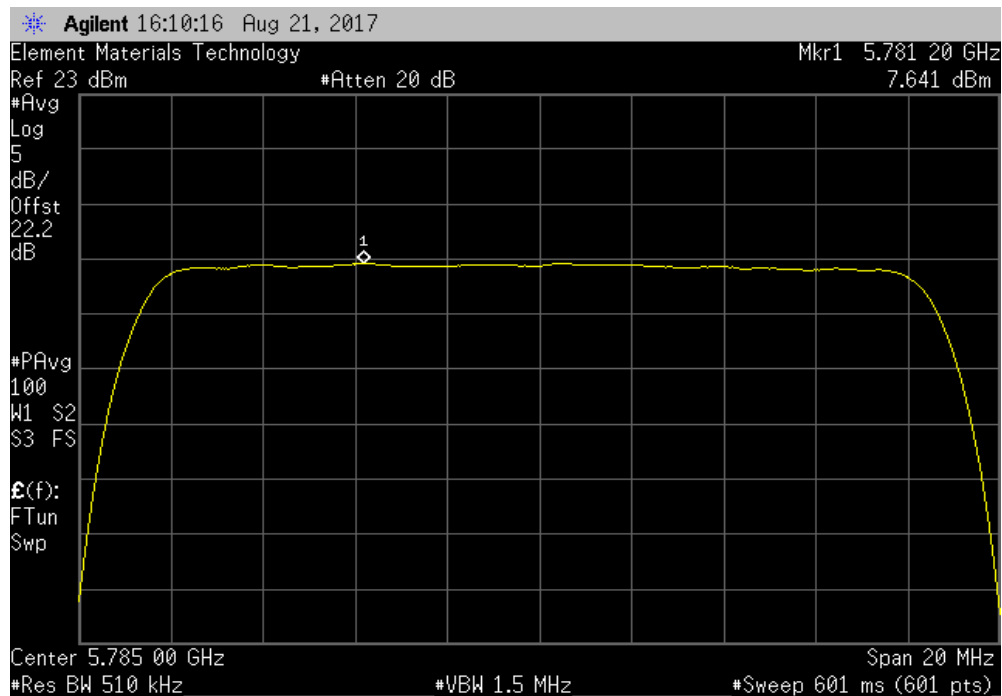


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 1024-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.737	0	7.7	30	Pass		



5725 - 5850 MHz, 5785 MHz (Mid Channel), 20 MHz BW, 1024-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.641	0	7.6	30	Pass		

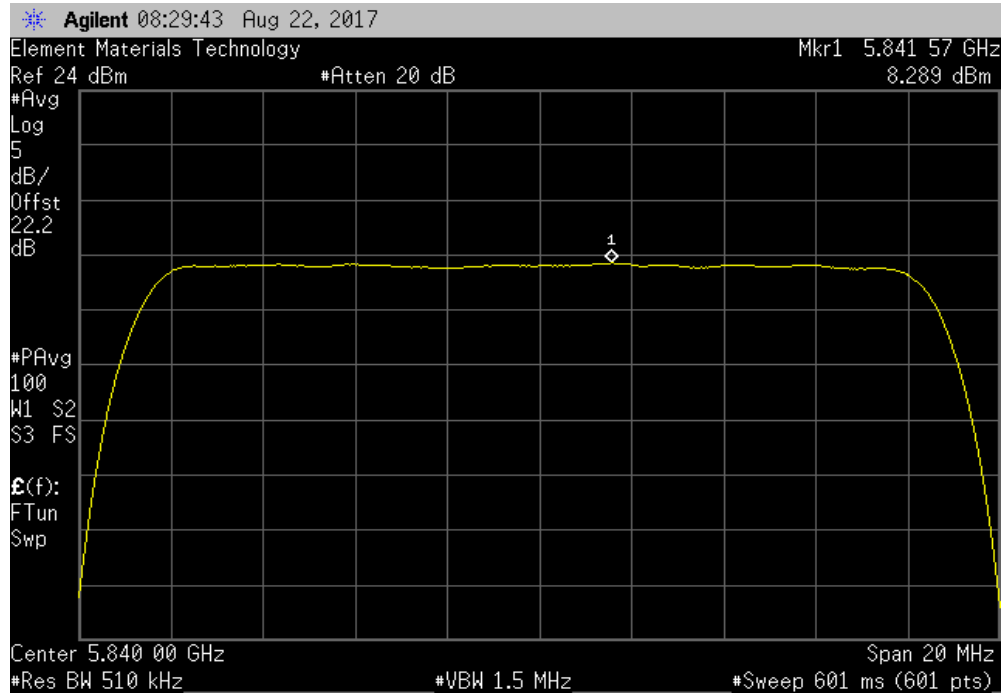


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

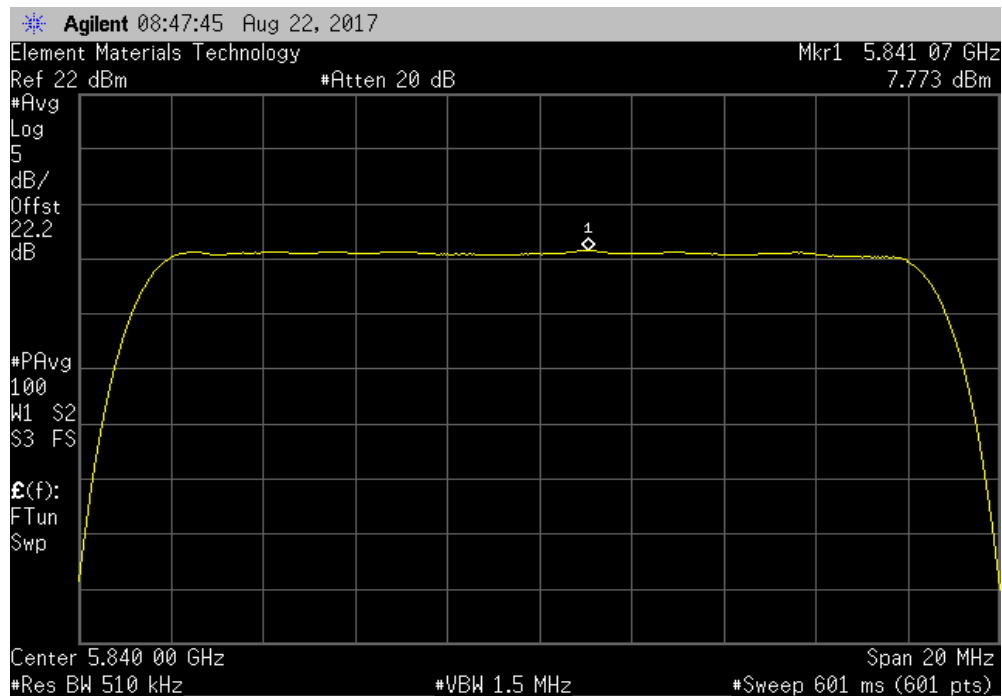


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.289	0	8.3	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.773	0	7.8	30	Pass		

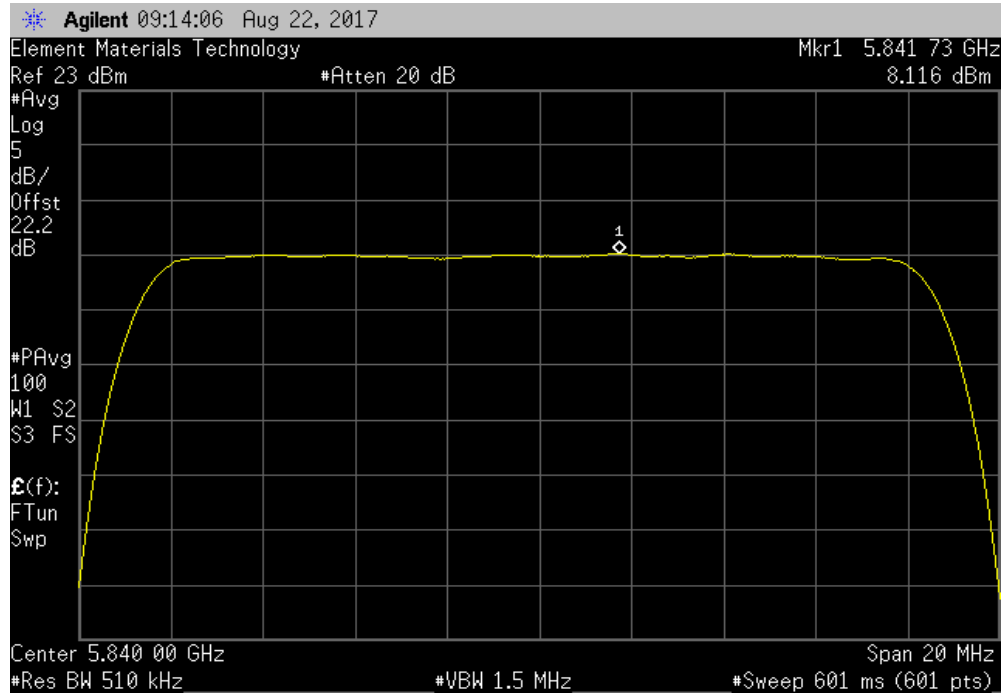


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

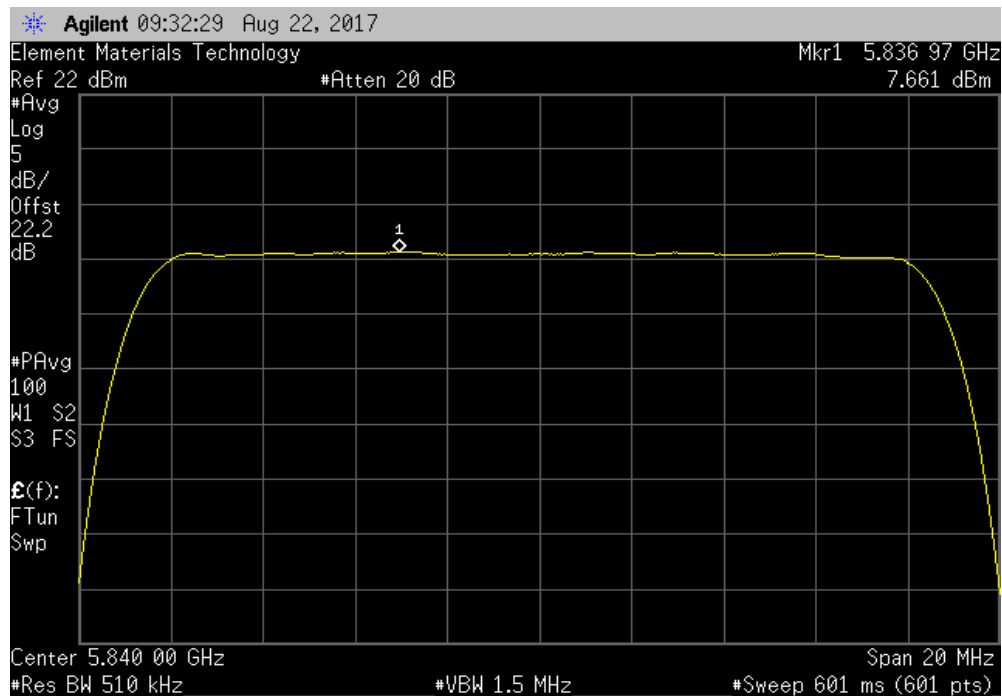


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.116	0	8.1	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.661	0	7.7	30	Pass		

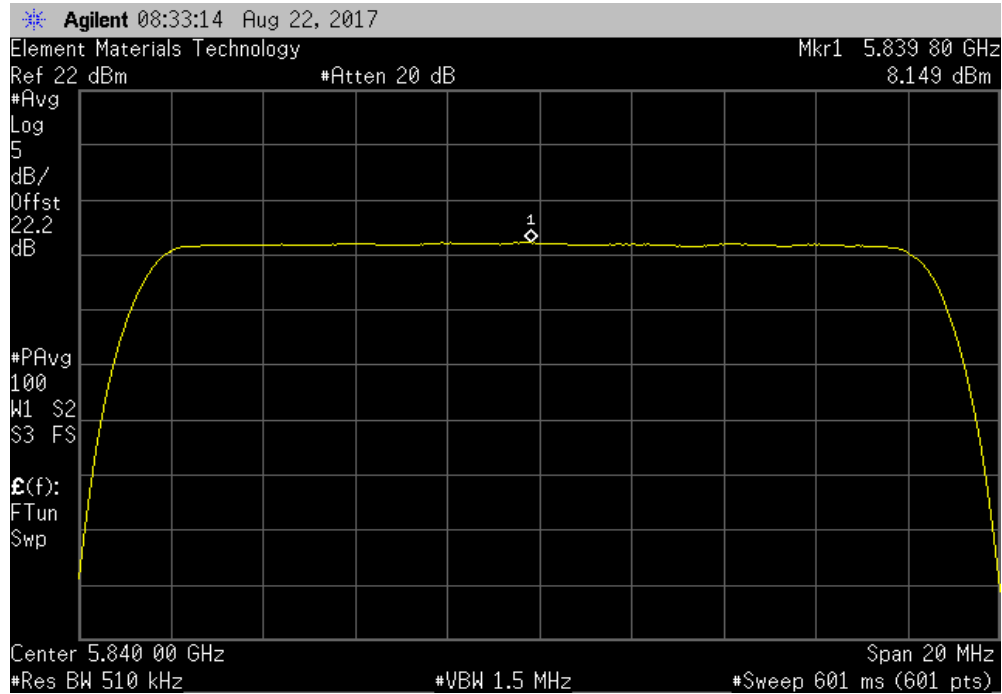


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

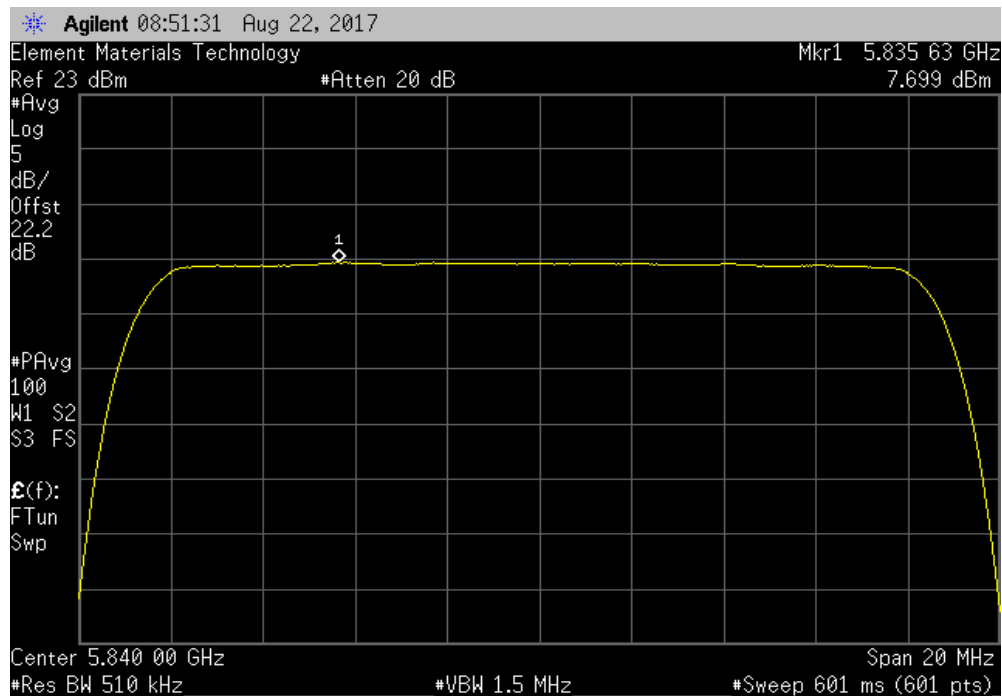


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 16-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.149	0	8.1	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 16-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.699	0	7.7	30	Pass		

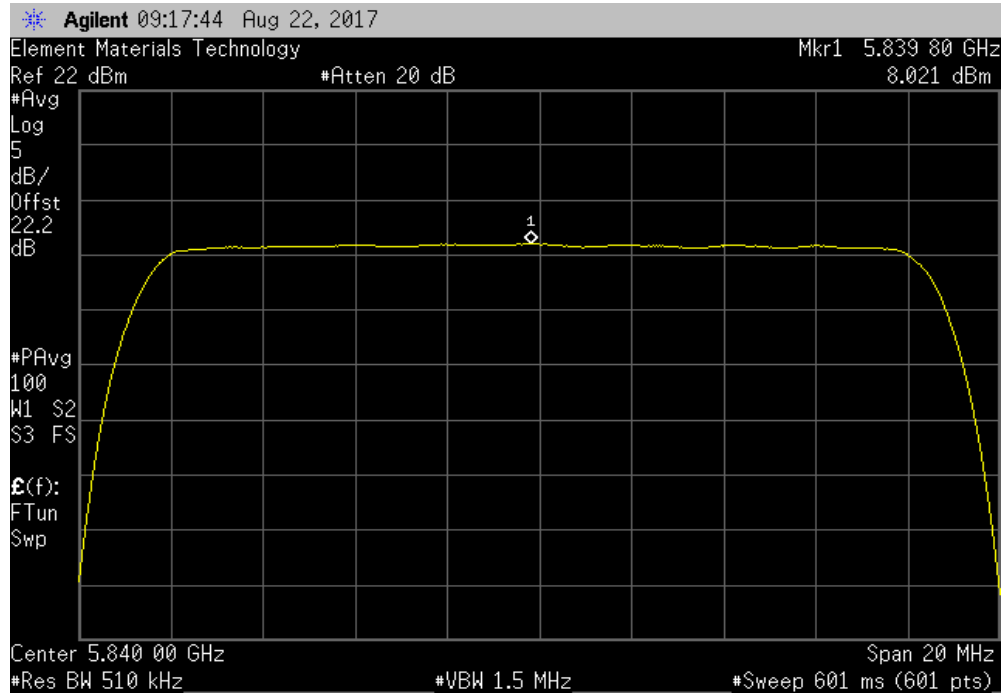


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

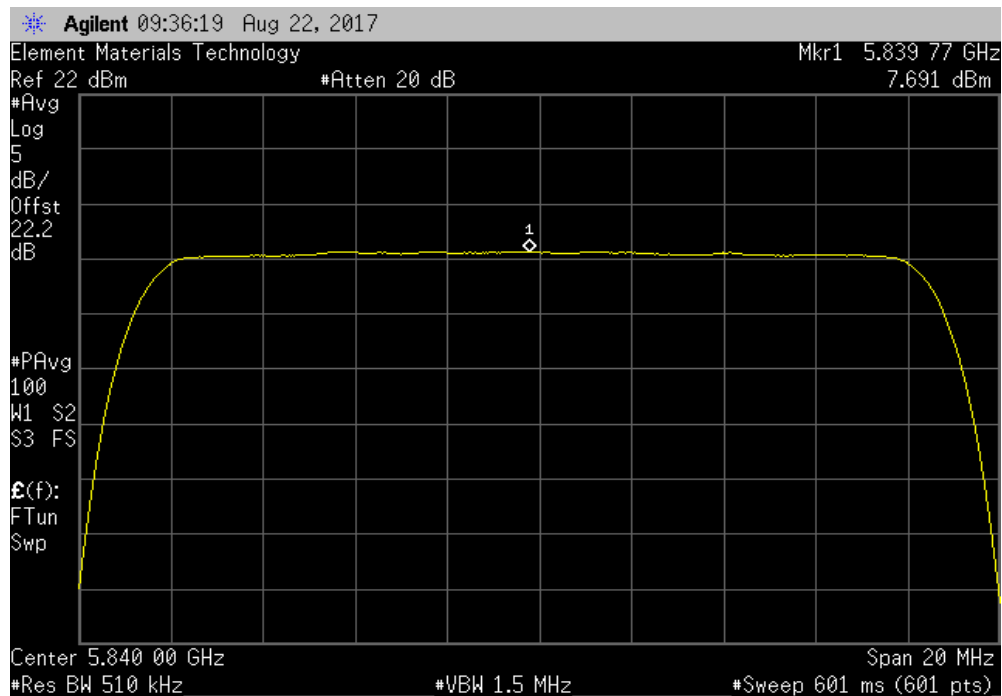


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.021	0	8	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.691	0	7.7	30	Pass		

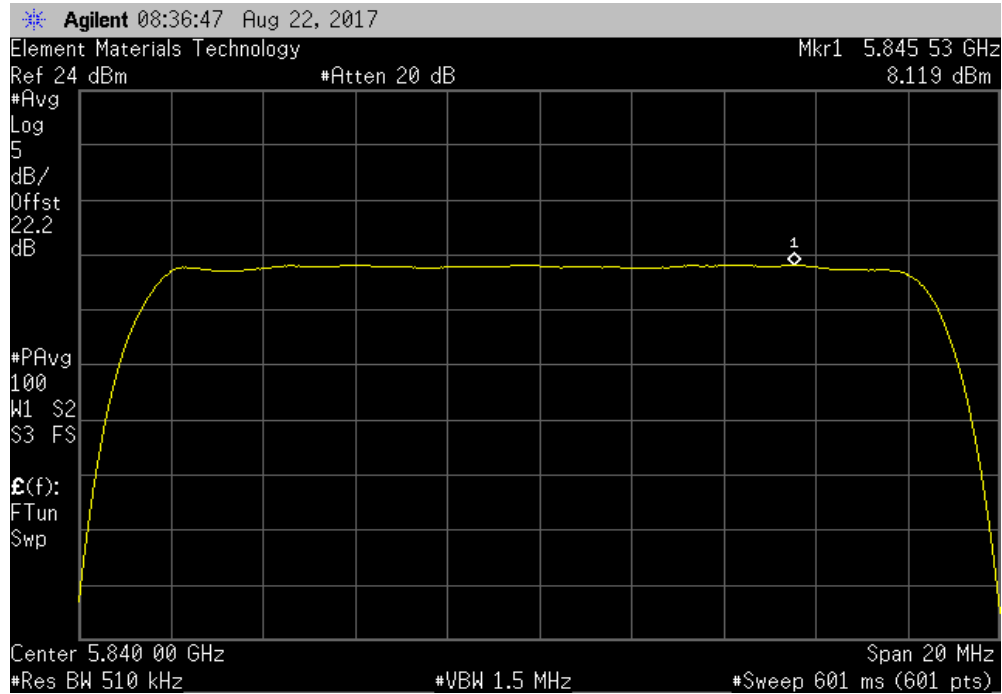


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

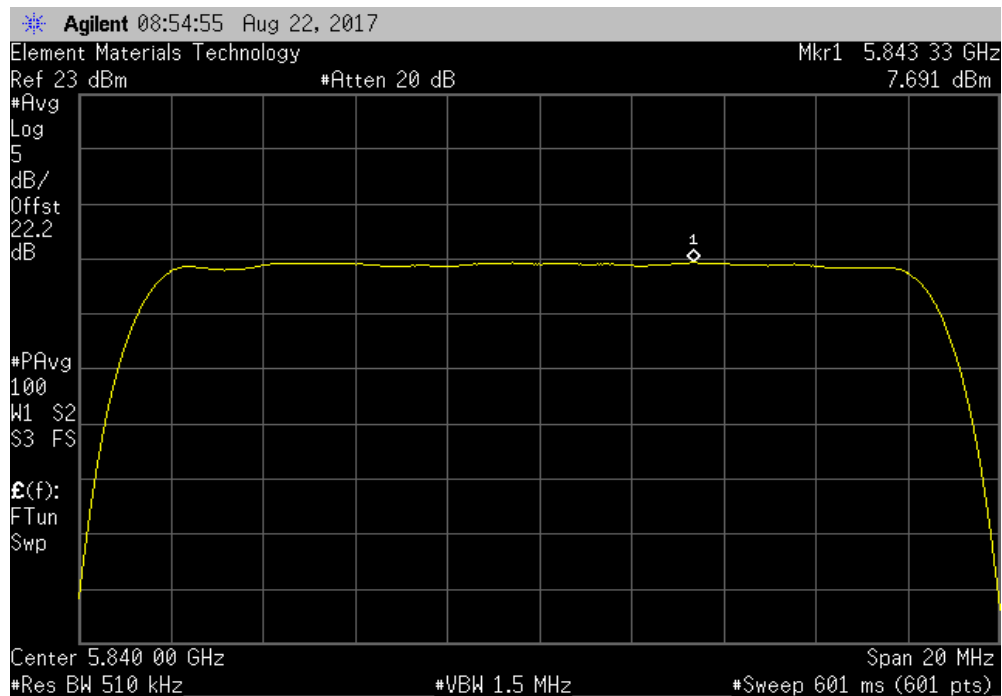


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 64-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.119	0	8.1	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 64-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.691	0	7.7	30	Pass		

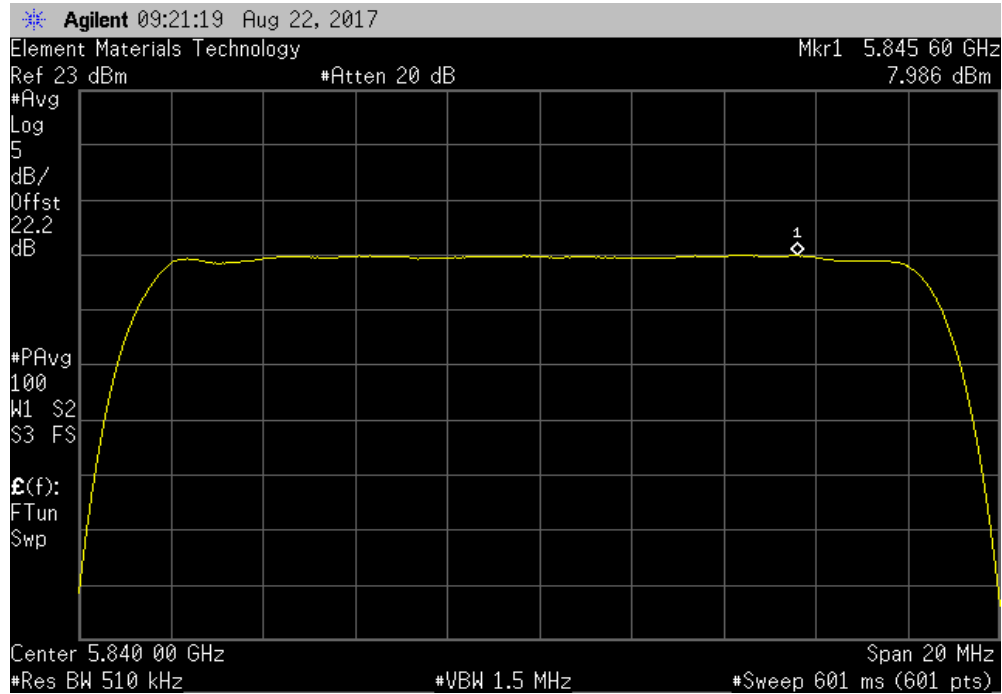


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

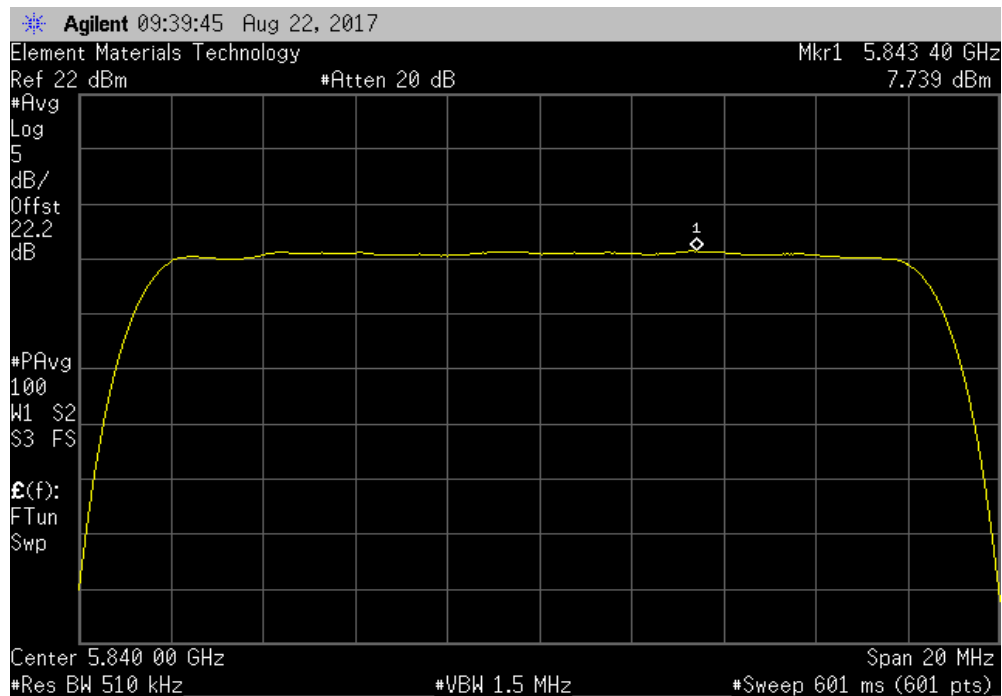


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.986	0	8	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.739	0	7.7	30	Pass		

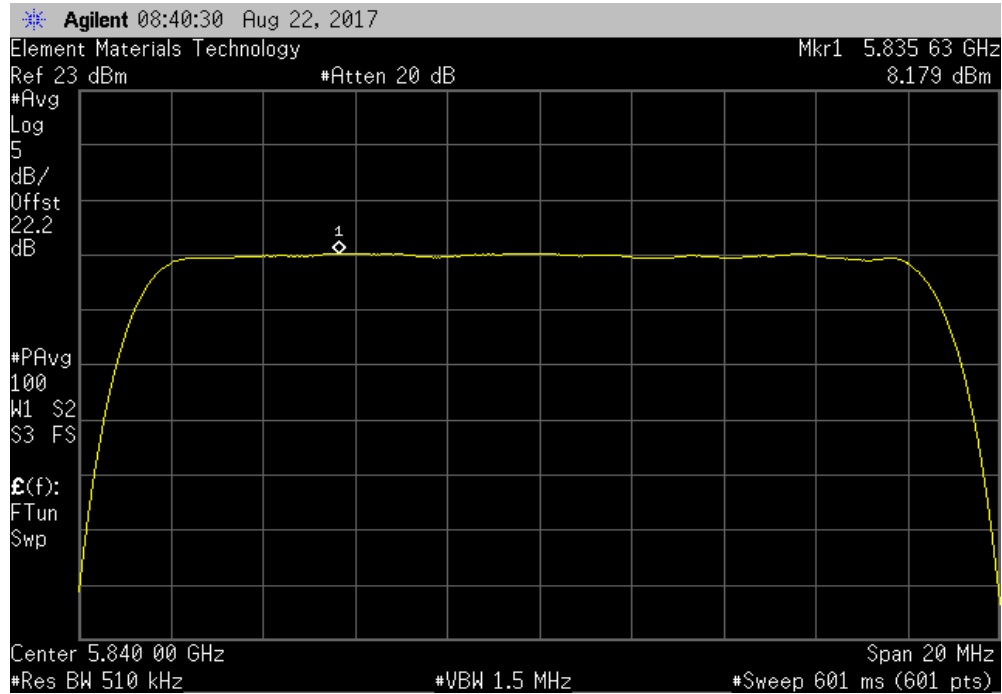


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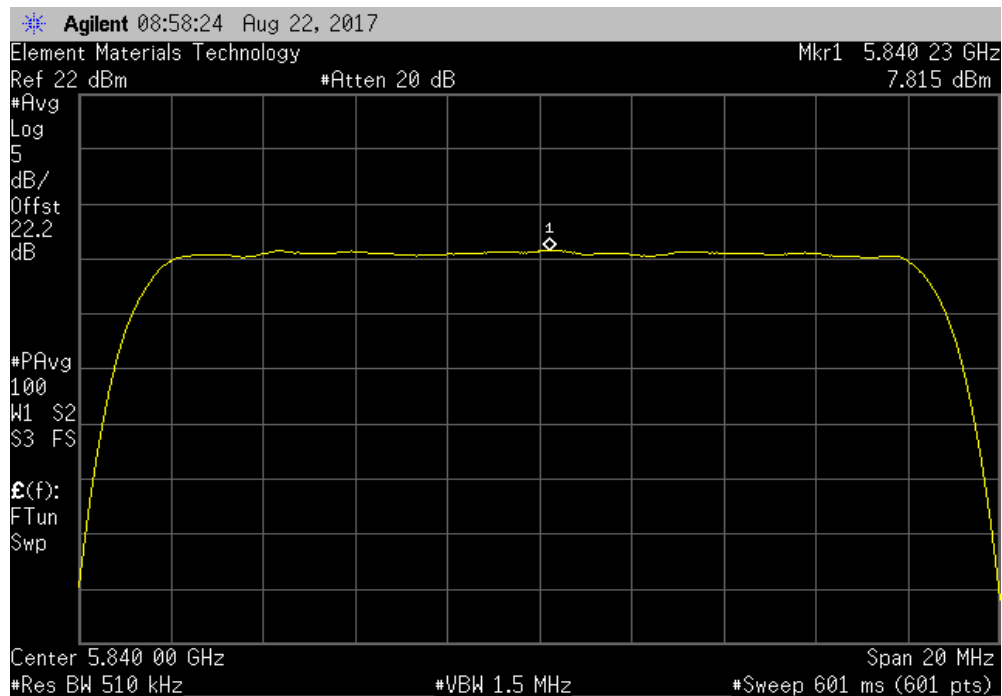


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.179	0	8.2	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.815	0	7.8	30	Pass		

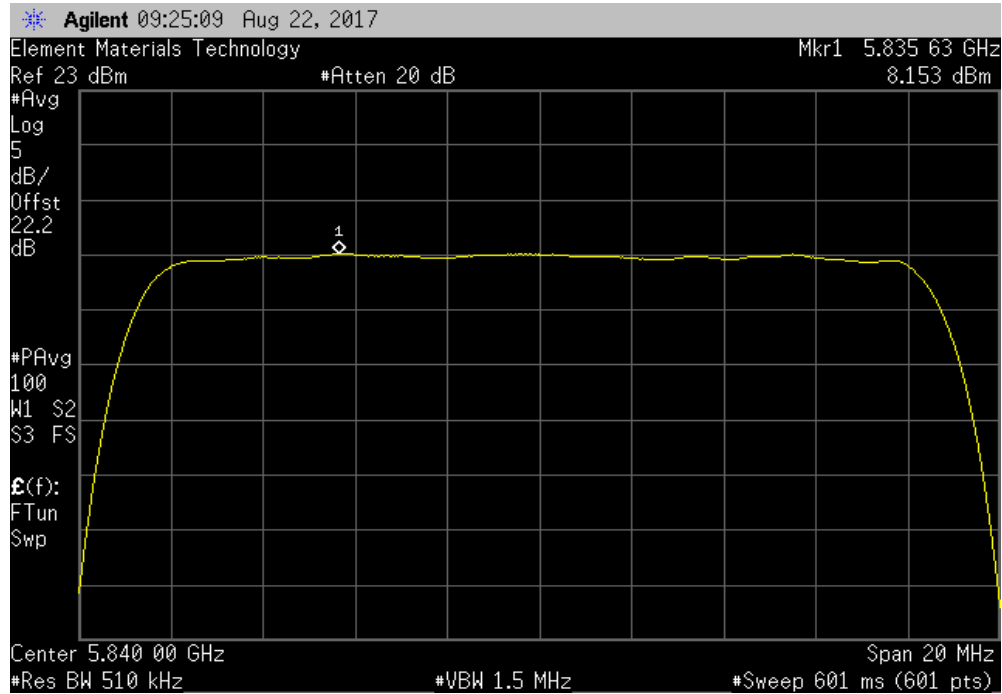


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

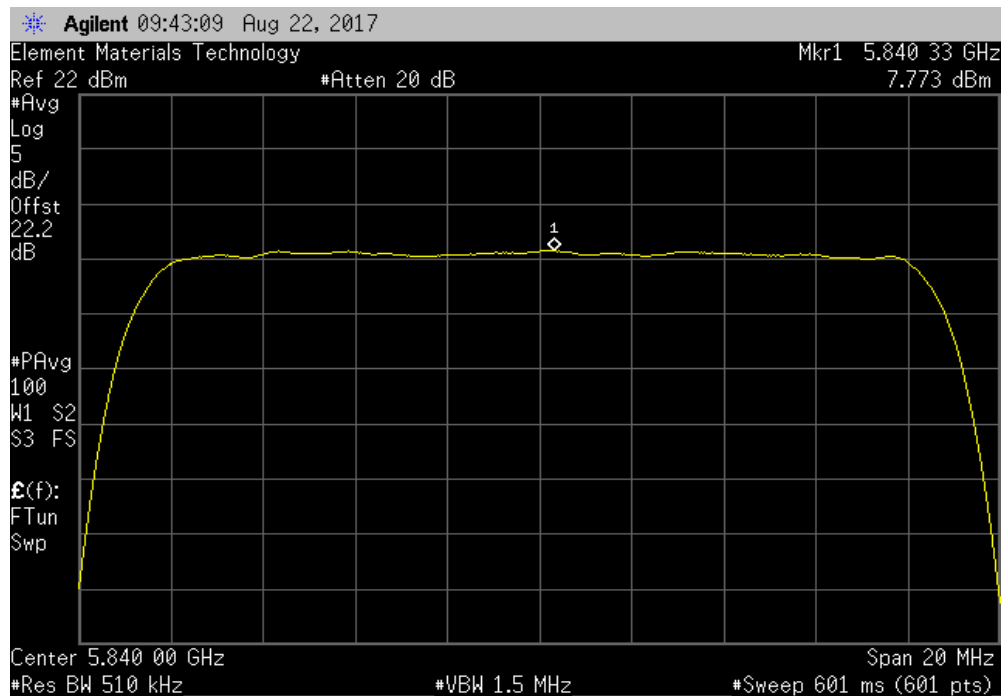


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.153	0	8.2	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.773	0	7.8	30	Pass		

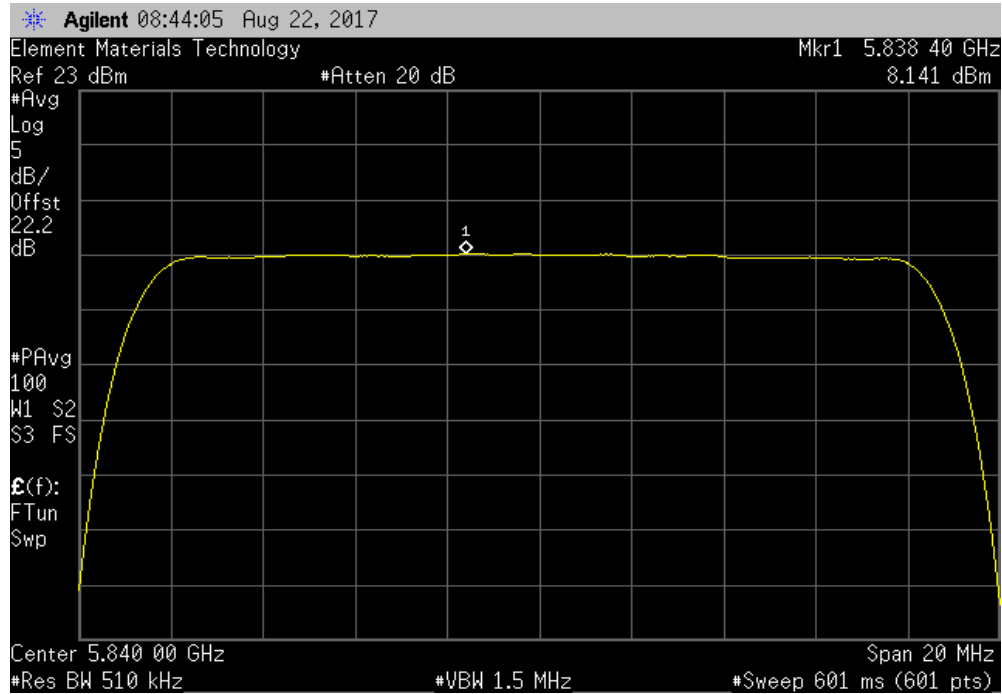


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

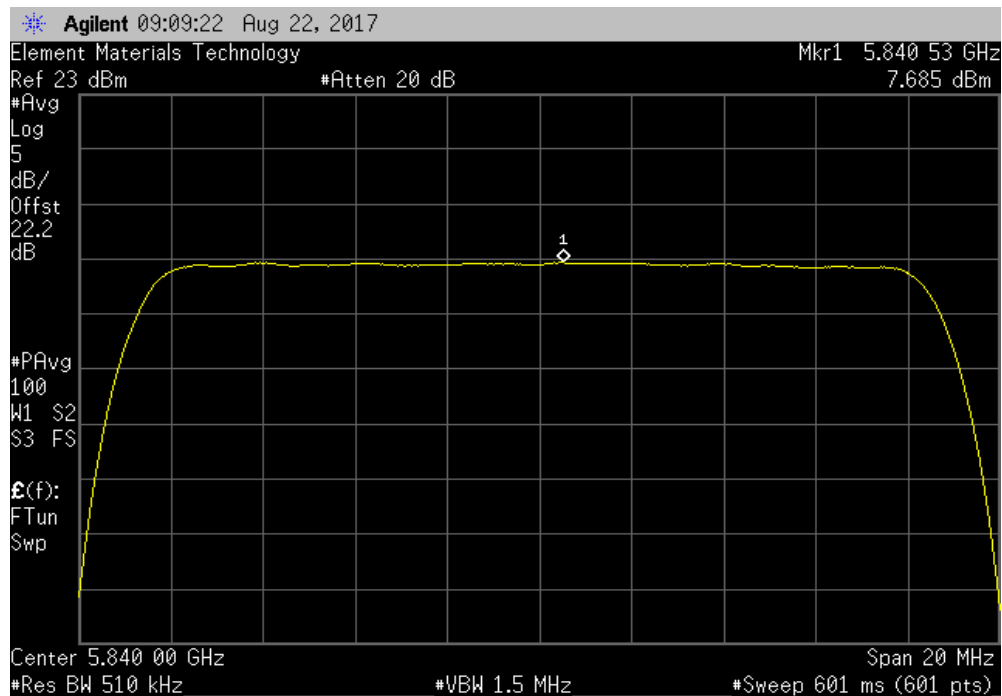


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 1024-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.141	0	8.1	30	Pass		



5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 1024-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.685	0	7.7	30	Pass		

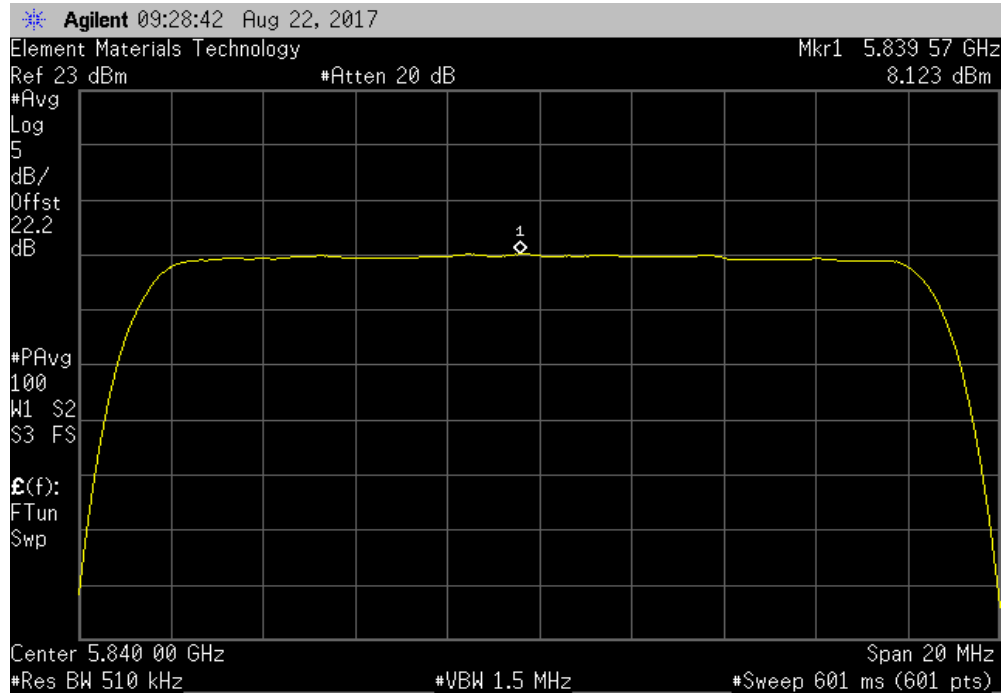


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

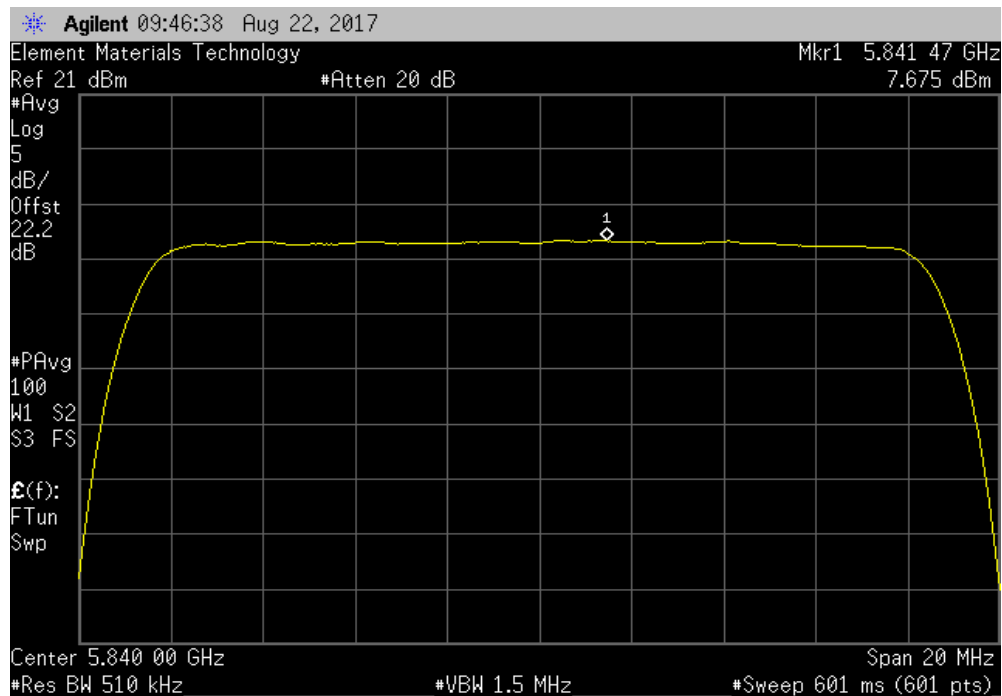


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 1024-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
8.123	0	8.1	30	Pass		



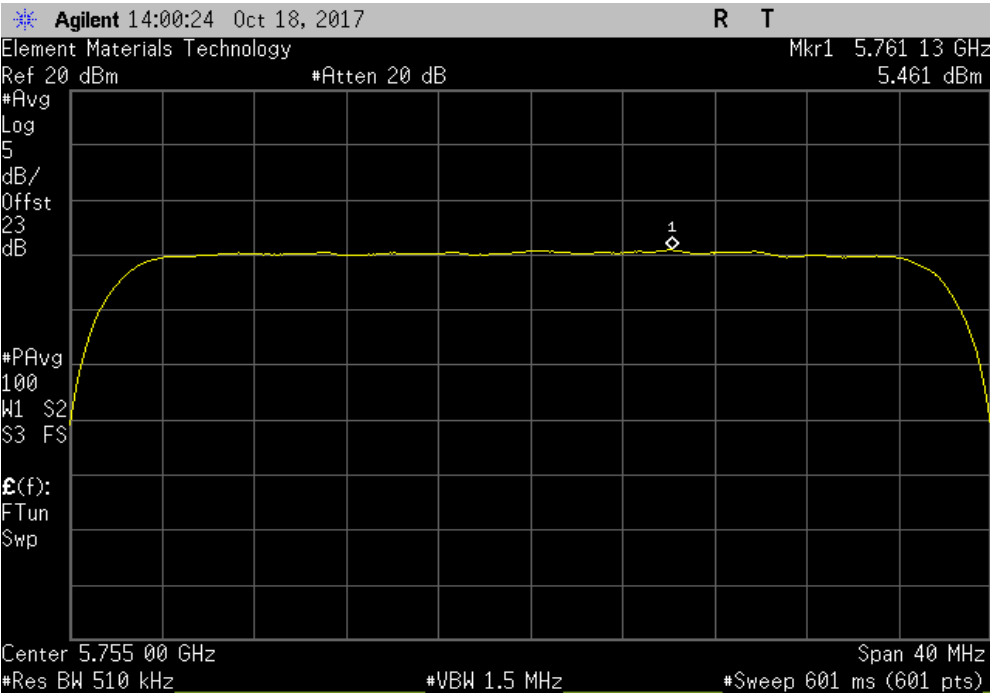
5725 - 5850 MHz, 5840 MHz (High Channel), 20 MHz BW, 1024-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
7.675	0	7.7	30	Pass		



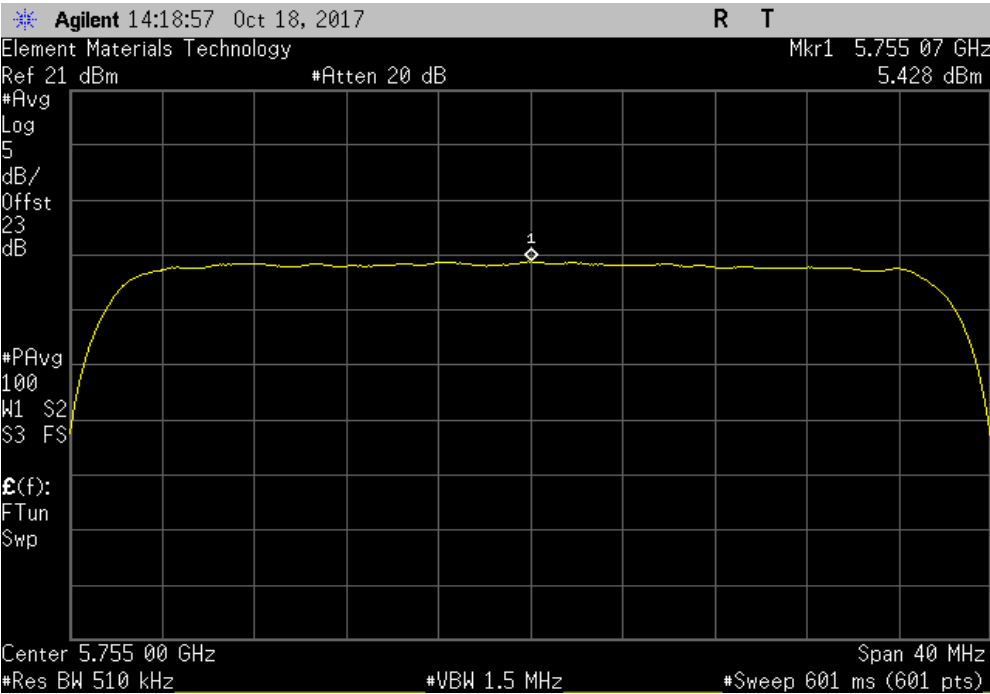
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.461	0	5.5	30	Pass		



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.428	0	5.4	30	Pass		

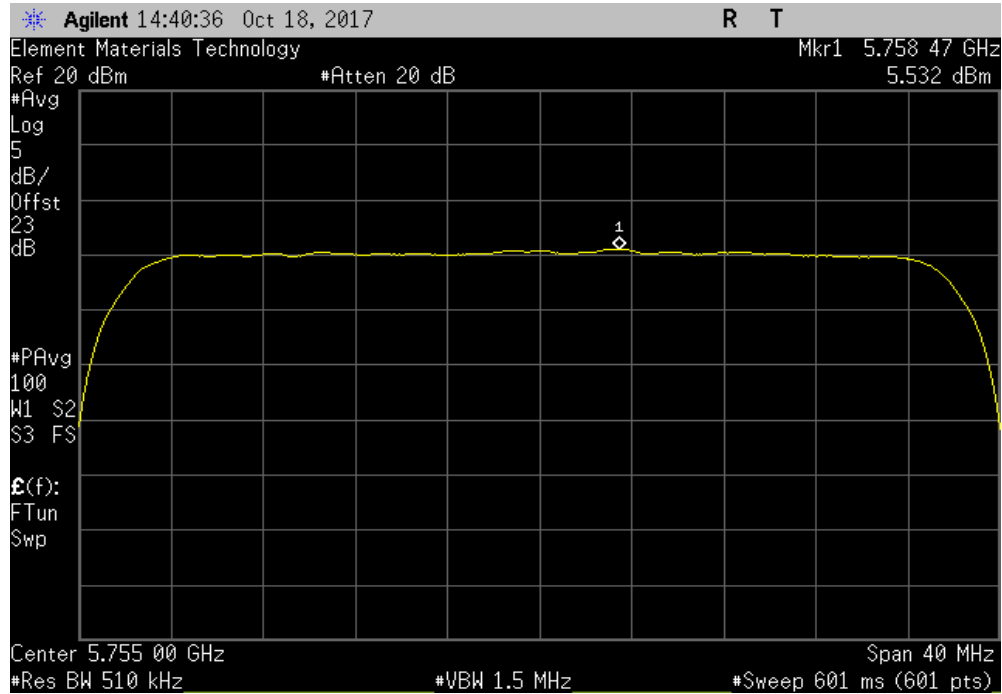


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

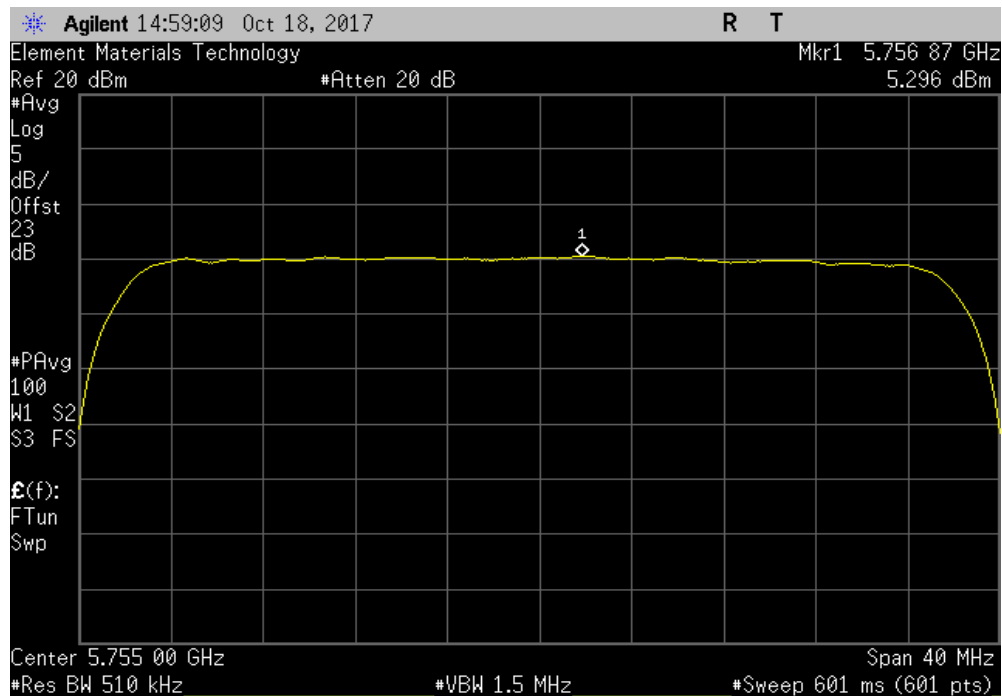


TMTx 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.532	0	5.5	30	Pass		



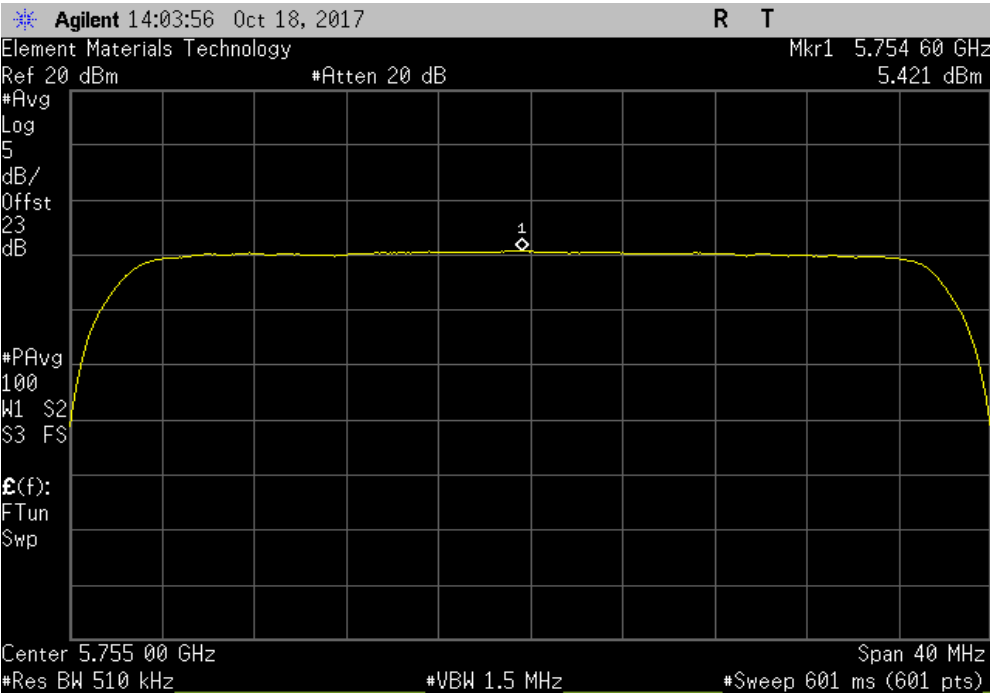
5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.296	0	5.3	30	Pass		



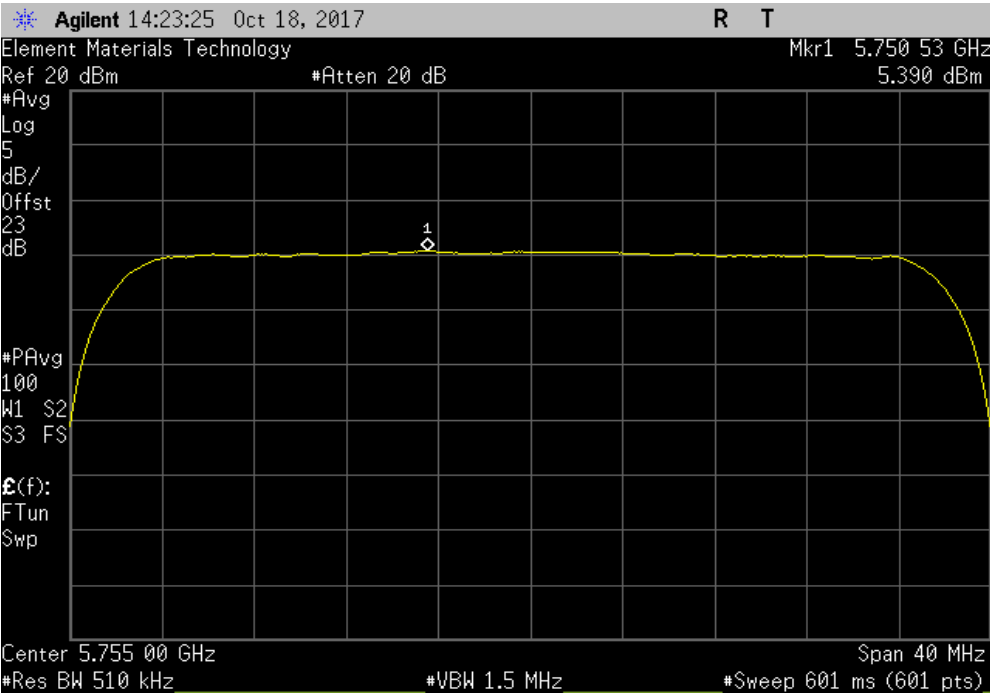
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 16-QAM, Radio 1, Port RF0						
	Power	Duty Cycle		Density	Limit	
	(dBm/RBW)	Factor (dB)		(dBm/RBW)	≤ (dBm/RBW)	Results
	5.421	0		5.4	30	Pass



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 16-QAM, Radio 1, Port RF1						
	Power	Duty Cycle		Density	Limit	
	(dBm/RBW)	Factor (dB)		(dBm/RBW)	≤ (dBm/RBW)	Results
	5.39	0		5.4	30	Pass

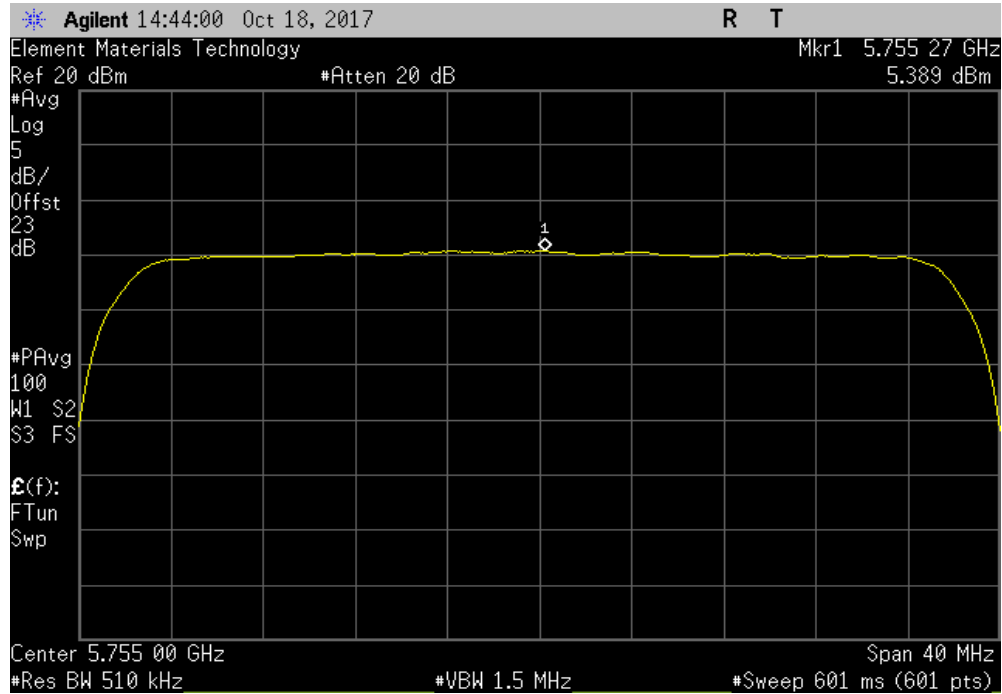


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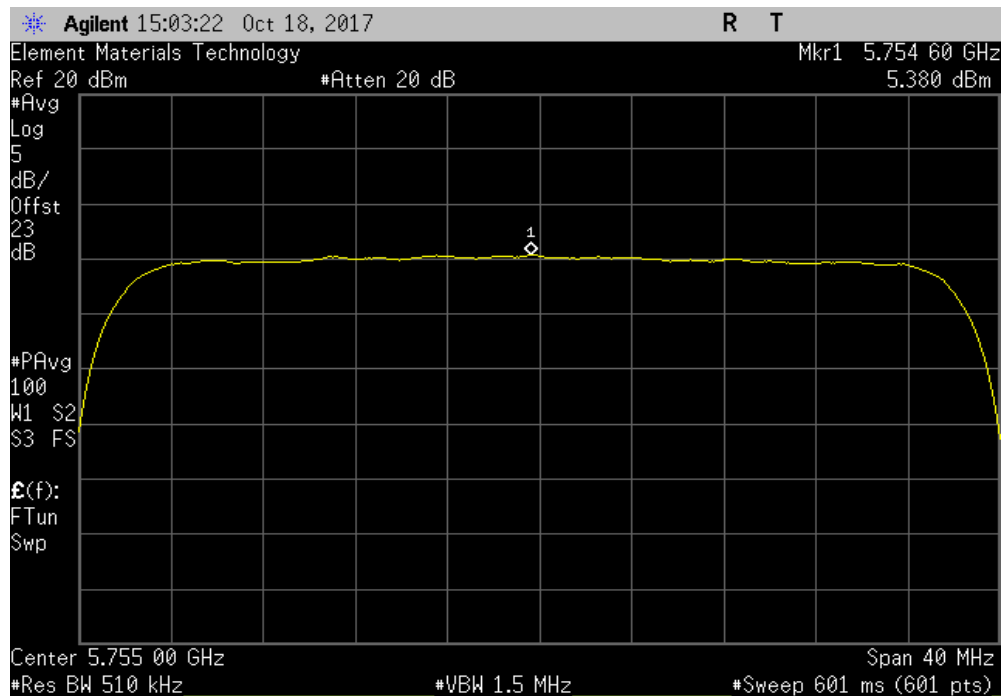


TMTX 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.389	0	5.4	30	Pass		



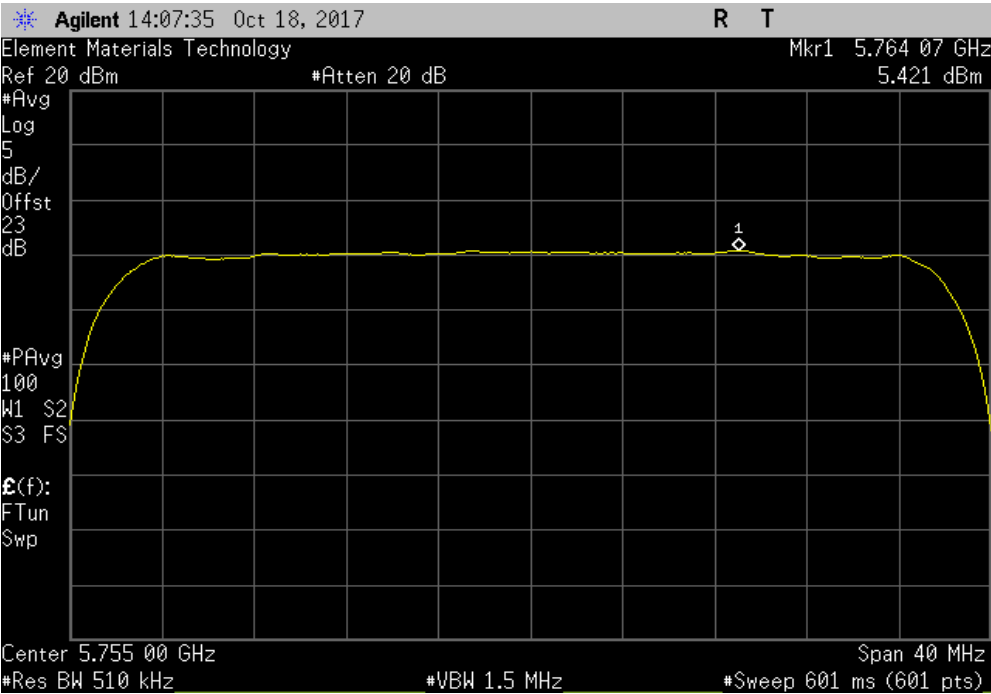
5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.38	0	5.4	30	Pass		



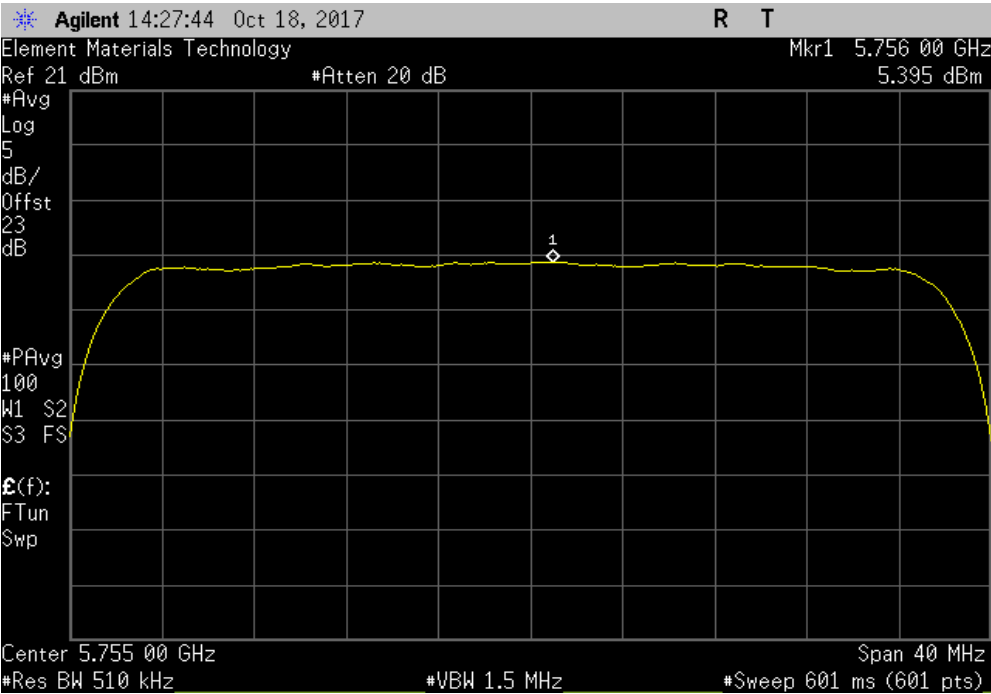
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 64-QAM, Radio 1, Port RF0						
Power	Duty Cycle	Density	Limit			
(dBm/RBW)	Factor (dB)	(dBm/RBW)	≤ (dBm/RBW)	Results		
5.421	0	5.4	30	Pass		



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 64-QAM, Radio 1, Port RF1						
Power	Duty Cycle	Density	Limit			
(dBm/RBW)	Factor (dB)	(dBm/RBW)	≤ (dBm/RBW)	Results		
5.395	0	5.4	30	Pass		

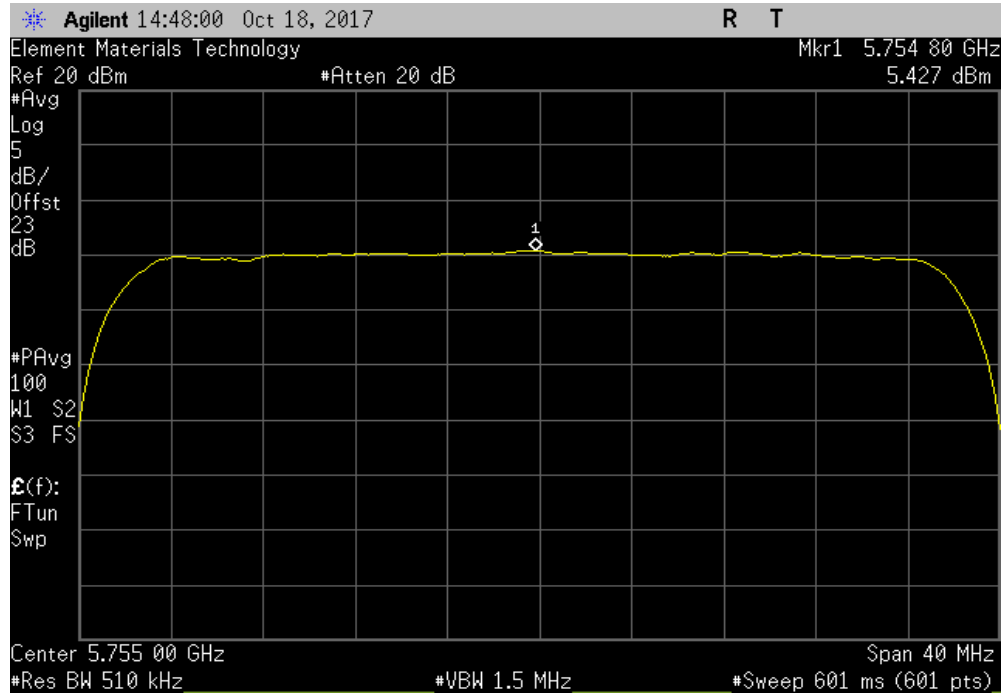


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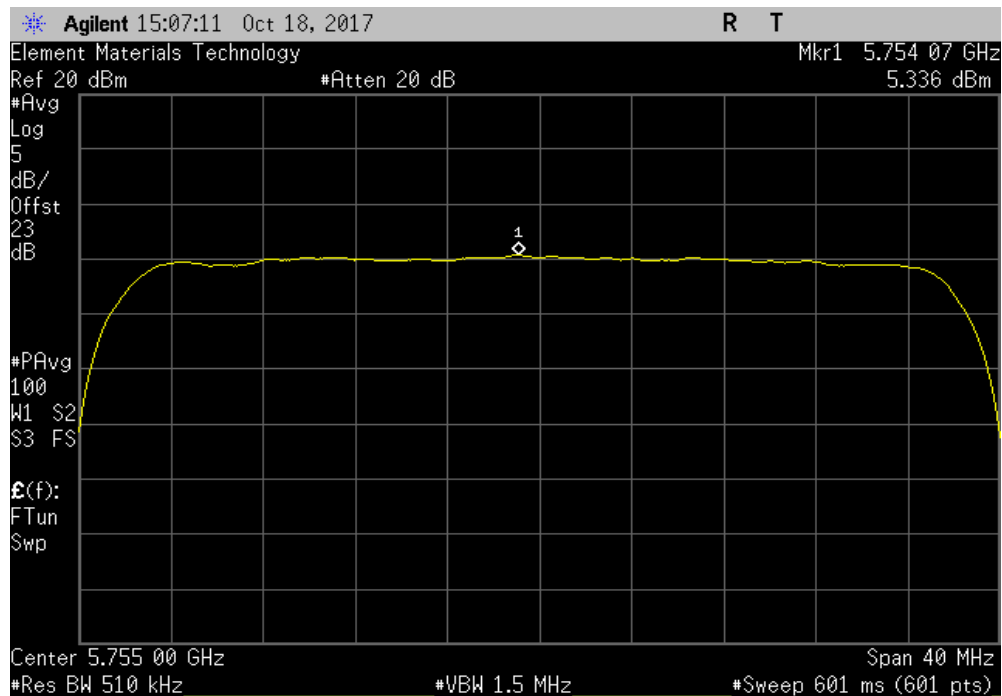


TMTX 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.427	0	5.4	30	Pass		



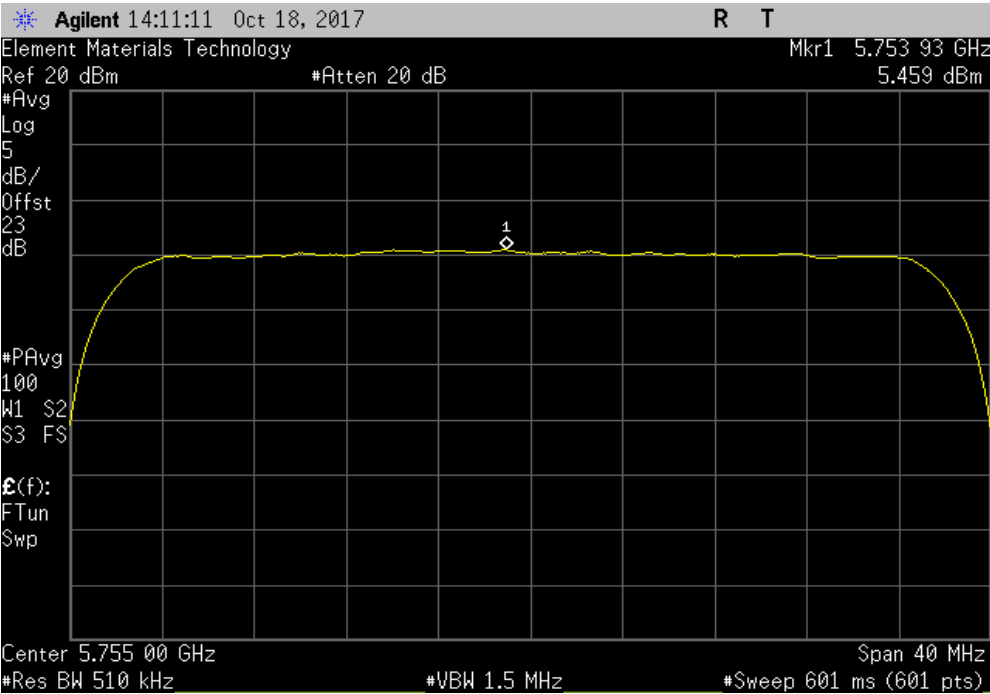
5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.336	0	5.3	30	Pass		



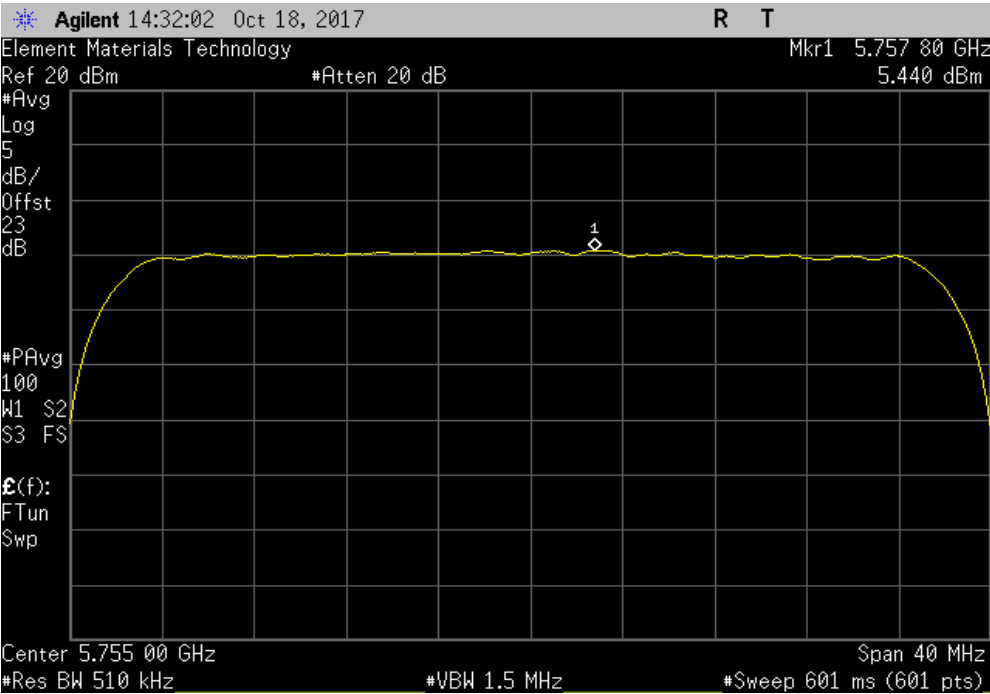
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.459	0	5.5	30	Pass		



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.44	0	5.4	30	Pass		

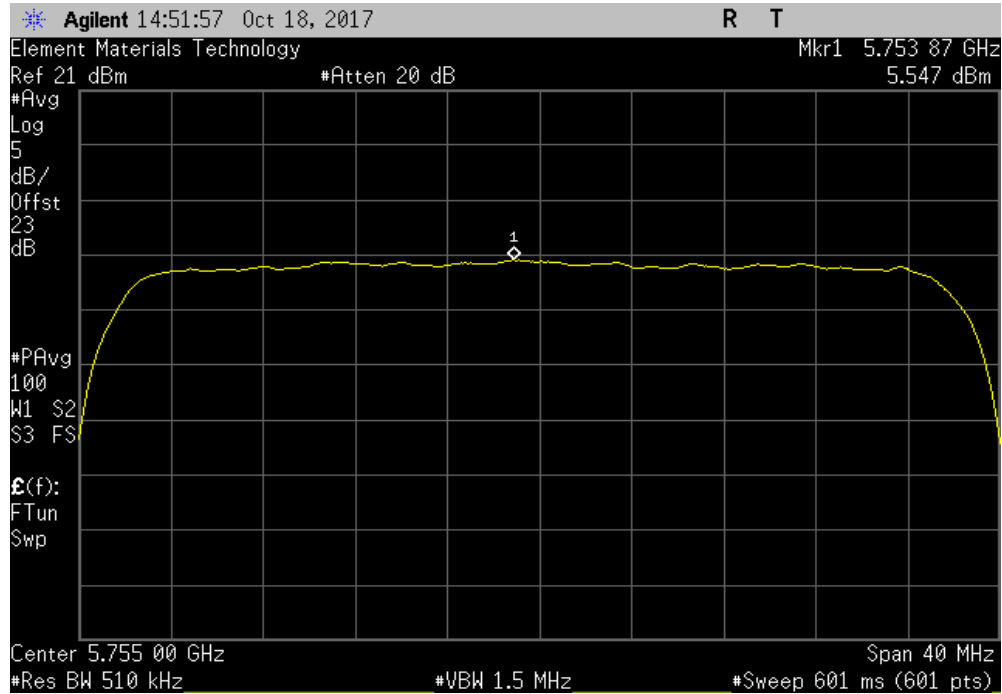


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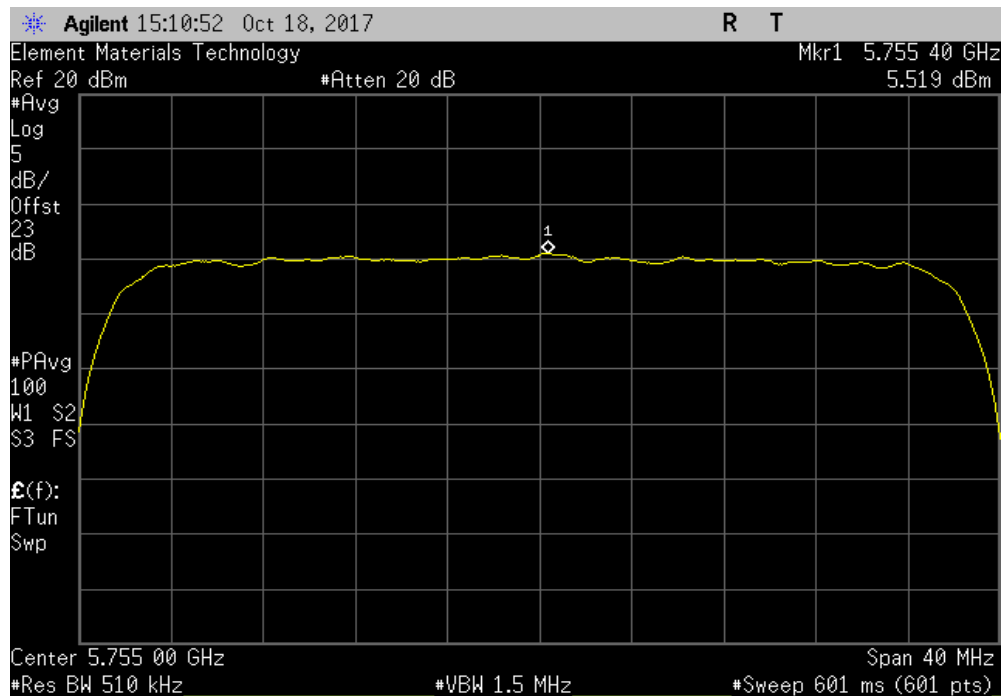


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5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.547	0	5.5	30	Pass		



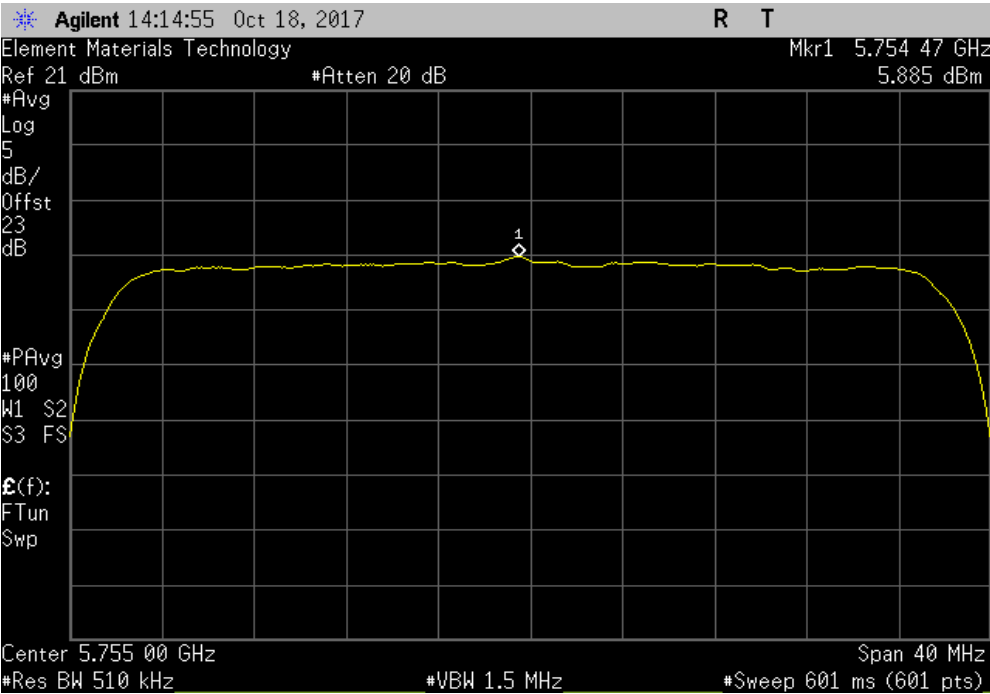
5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.519	0	5.5	30	Pass		



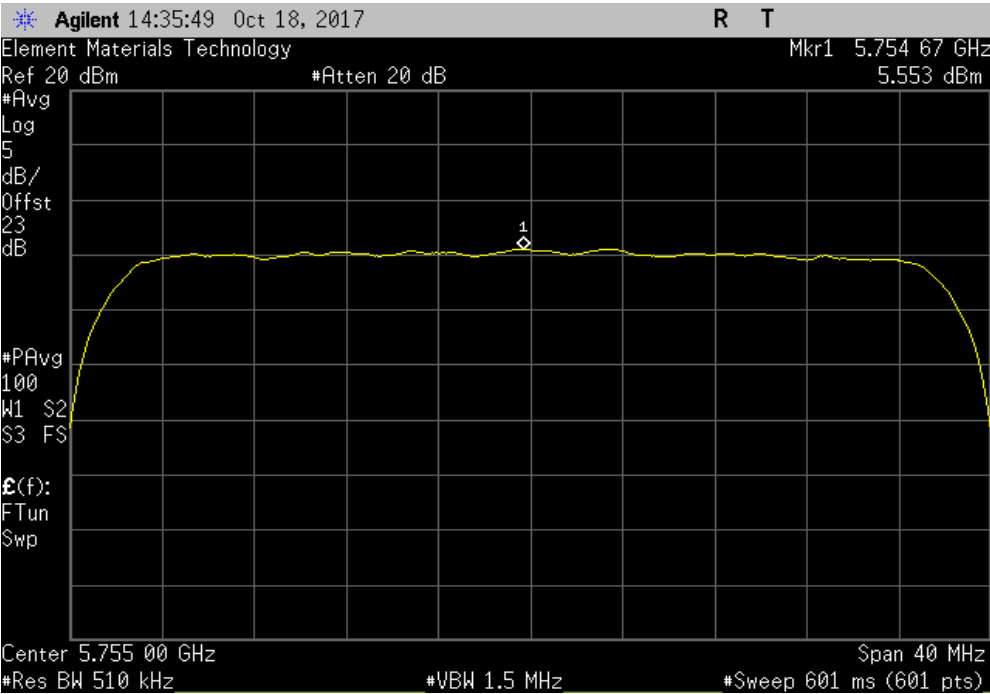
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 1024-QAM, Radio 1, Port RF0						
	Power (dBm/RBW)	Duty Cycle Factor (dB)		Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results
	5.885	0		5.9	30	Pass



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 1024-QAM, Radio 1, Port RF1						
	Power (dBm/RBW)	Duty Cycle Factor (dB)		Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results
	5.553	0		5.6	30	Pass

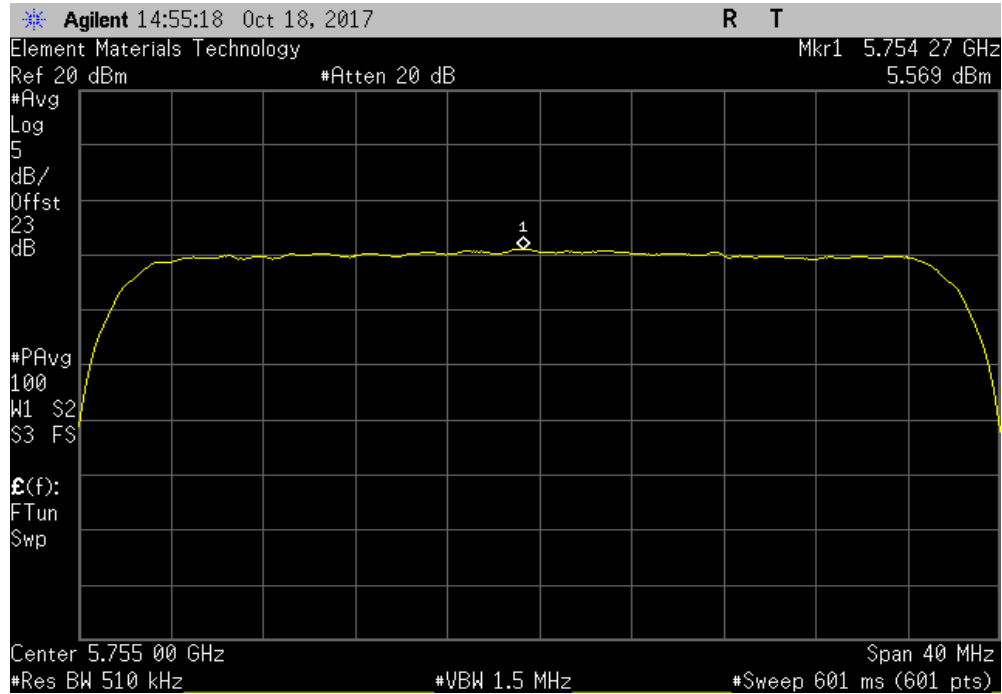


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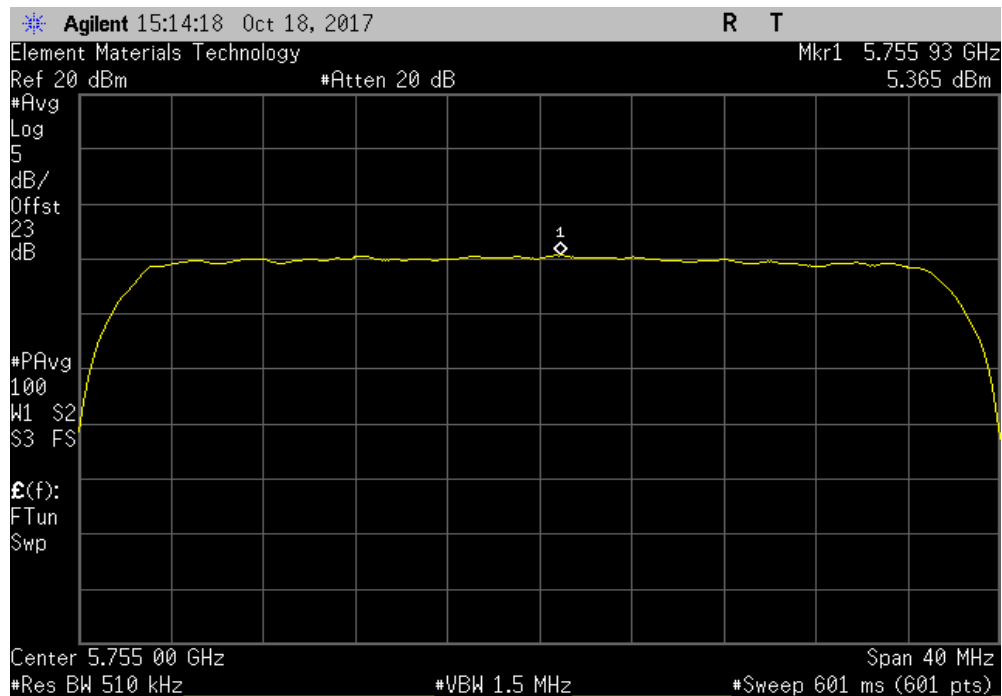


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5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 1024-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.569	0	5.6	30	Pass		



5725 - 5850 MHz, 5755 MHz (Low Channel), 40 MHz BW, 1024-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.365	0	5.4	30	Pass		

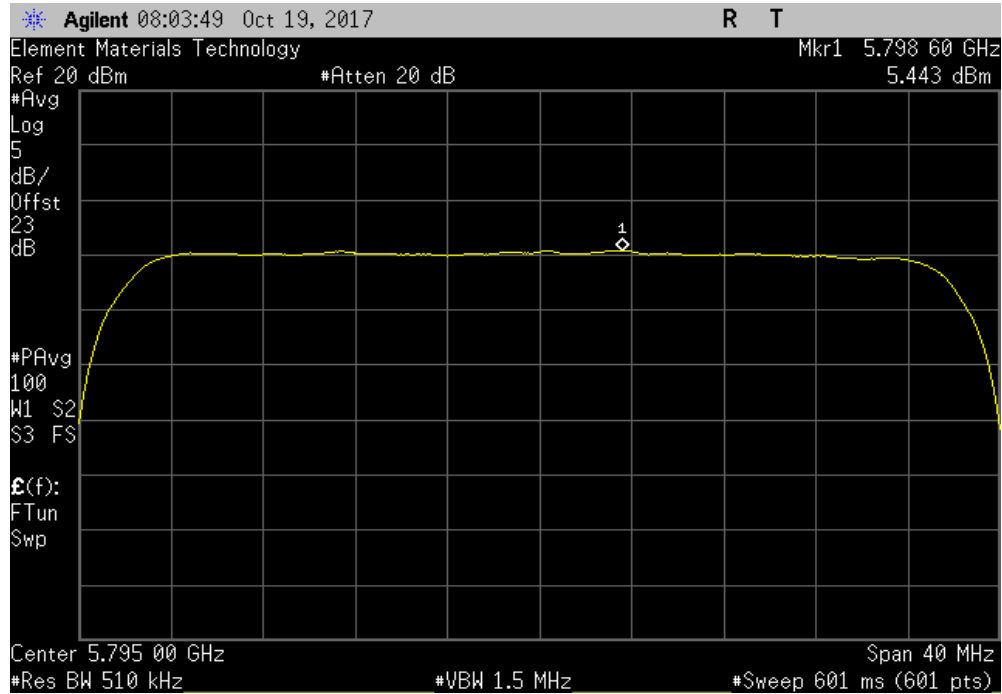


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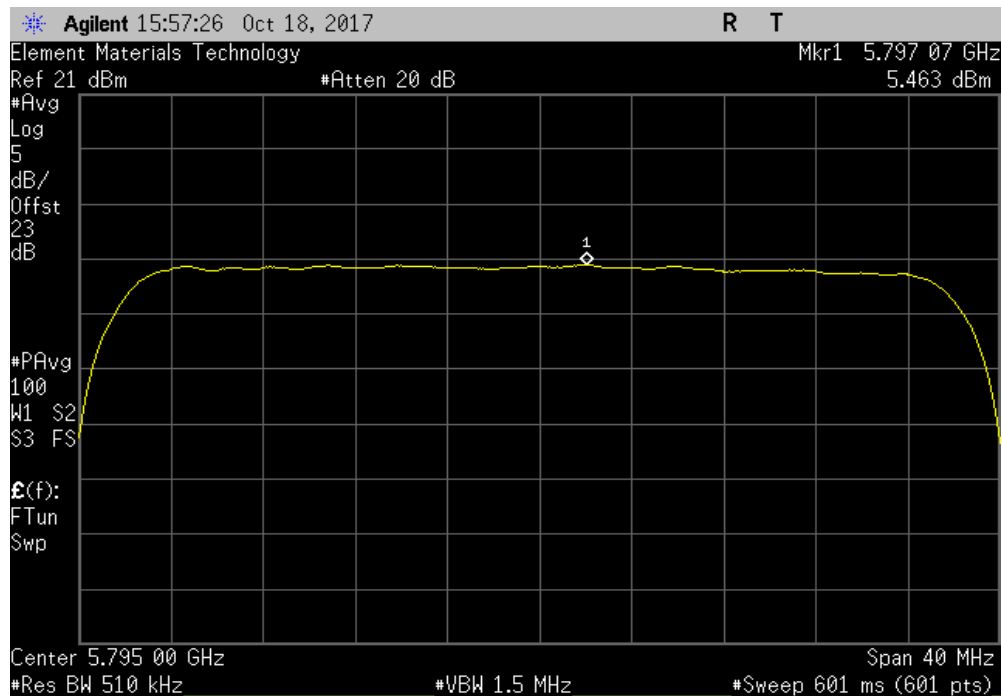


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5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.443	0	5.4	30	Pass		



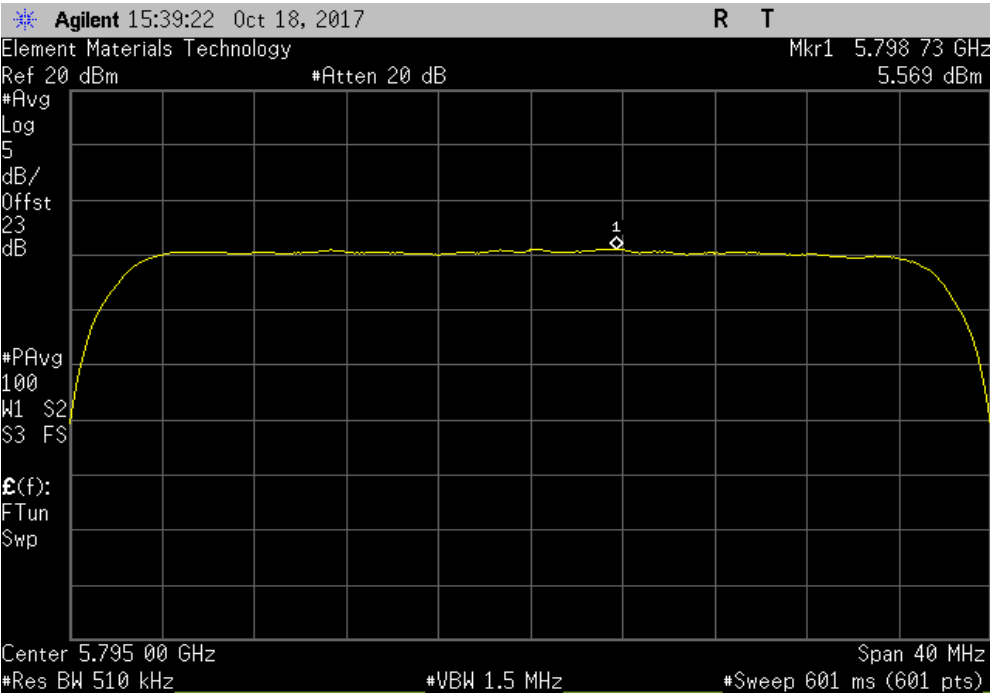
5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.463	0	5.5	30	Pass		



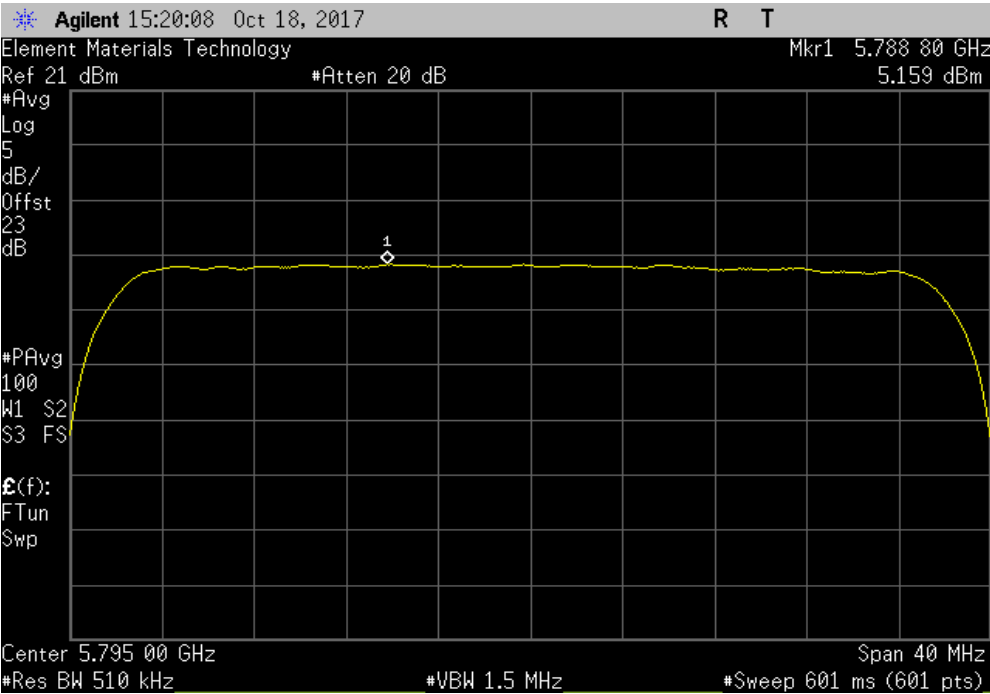
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.569	0	5.6	30	Pass		



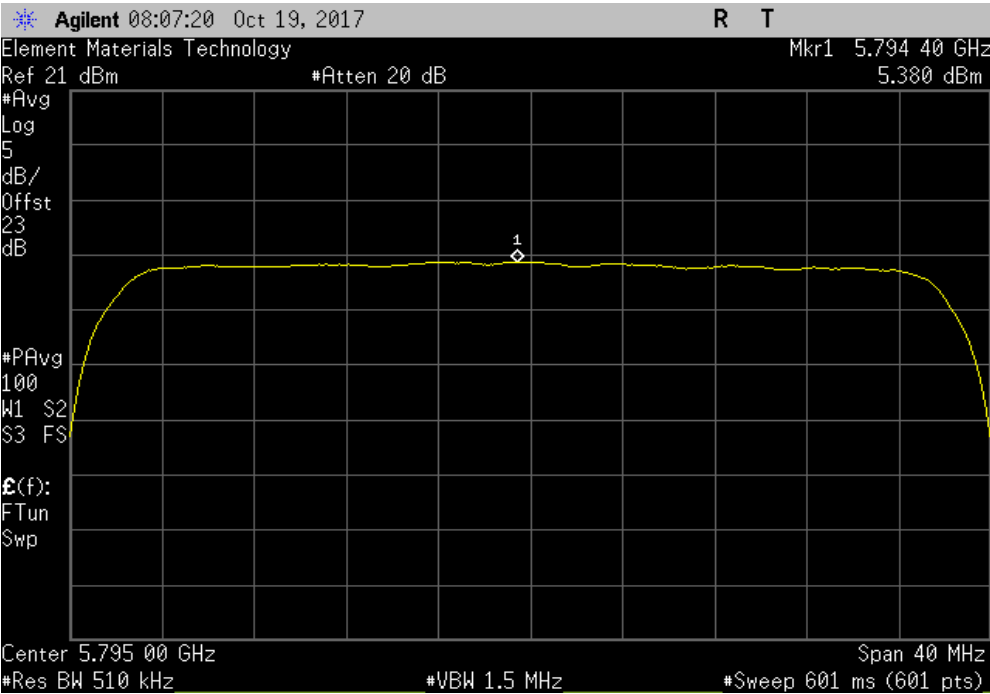
5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.159	0	5.2	30	Pass		



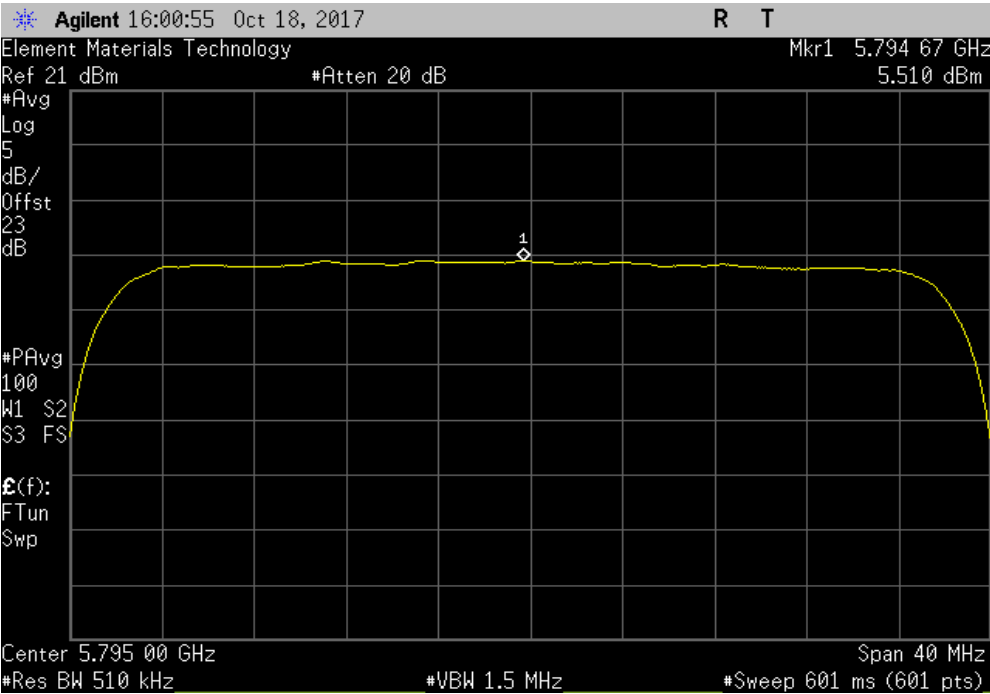
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 16-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.38	0	5.4	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 16-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.51	0	5.5	30	Pass		

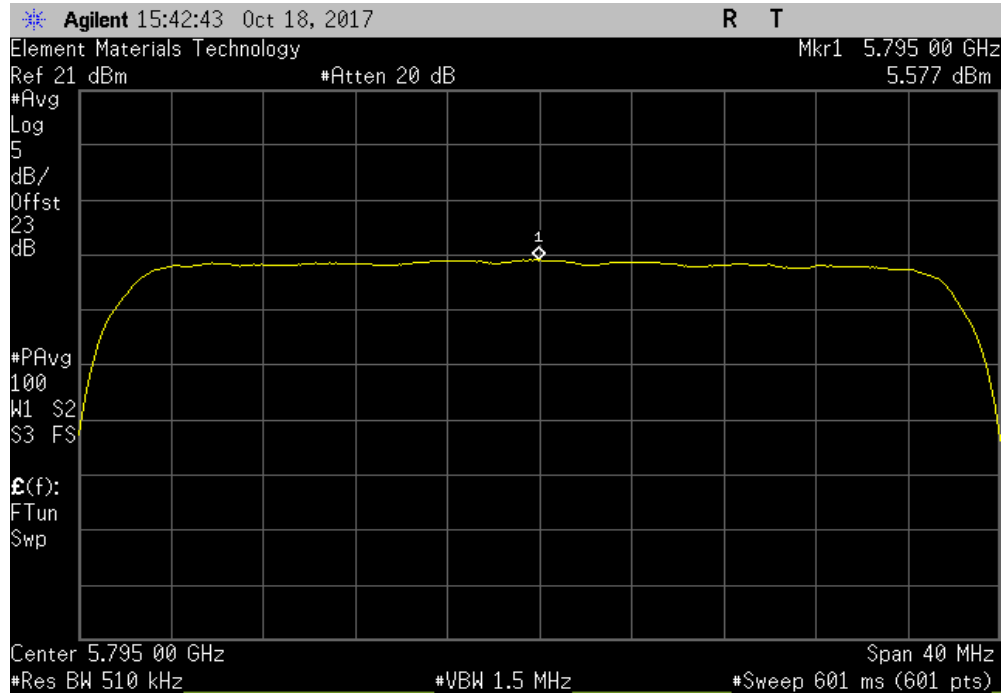


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

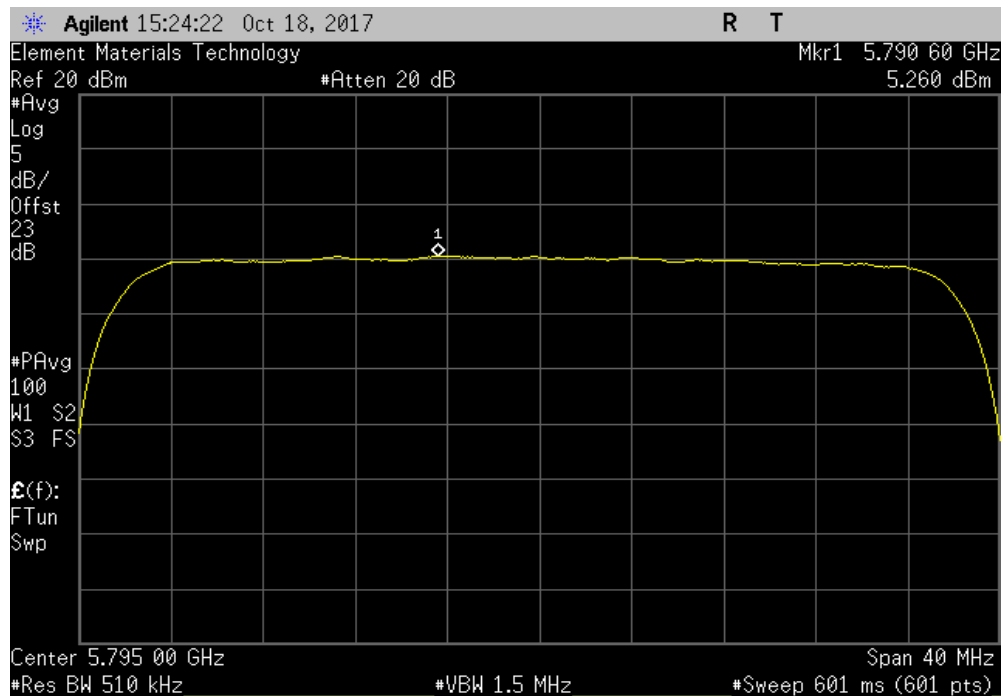


TMTX 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.577	0	5.6	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.26	0	5.3	30	Pass		

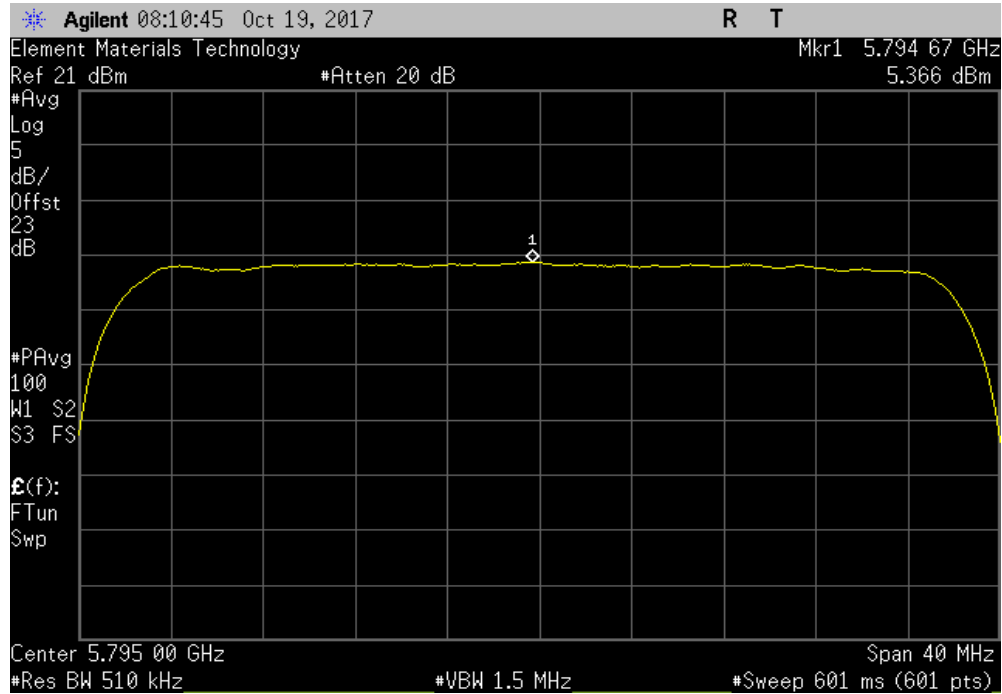


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

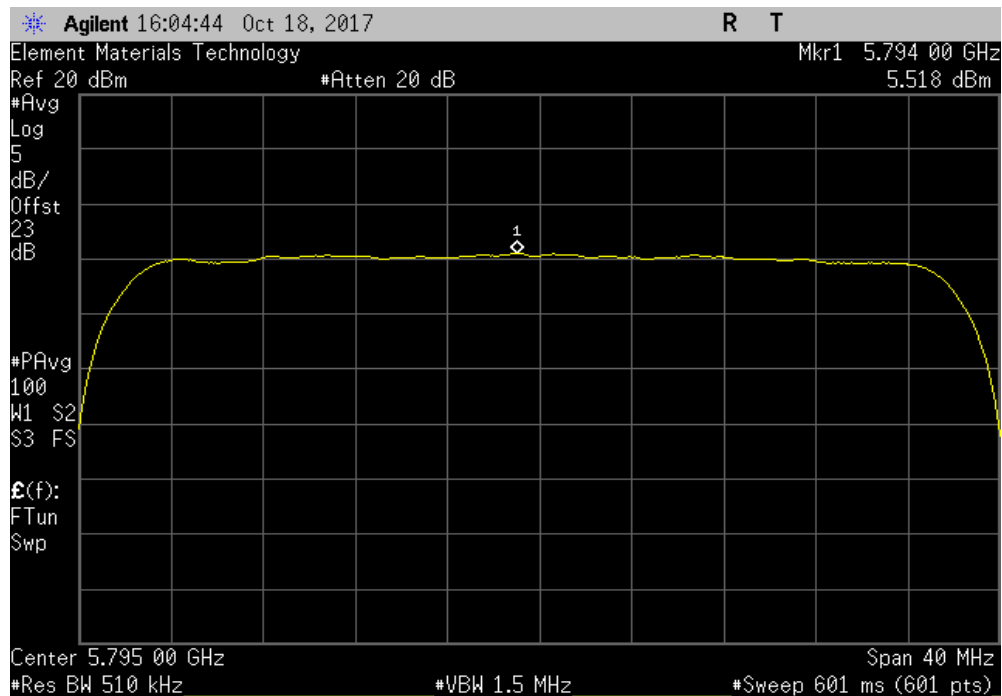


TMTx 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 64-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.366	0	5.4	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 64-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.518	0	5.5	30	Pass		

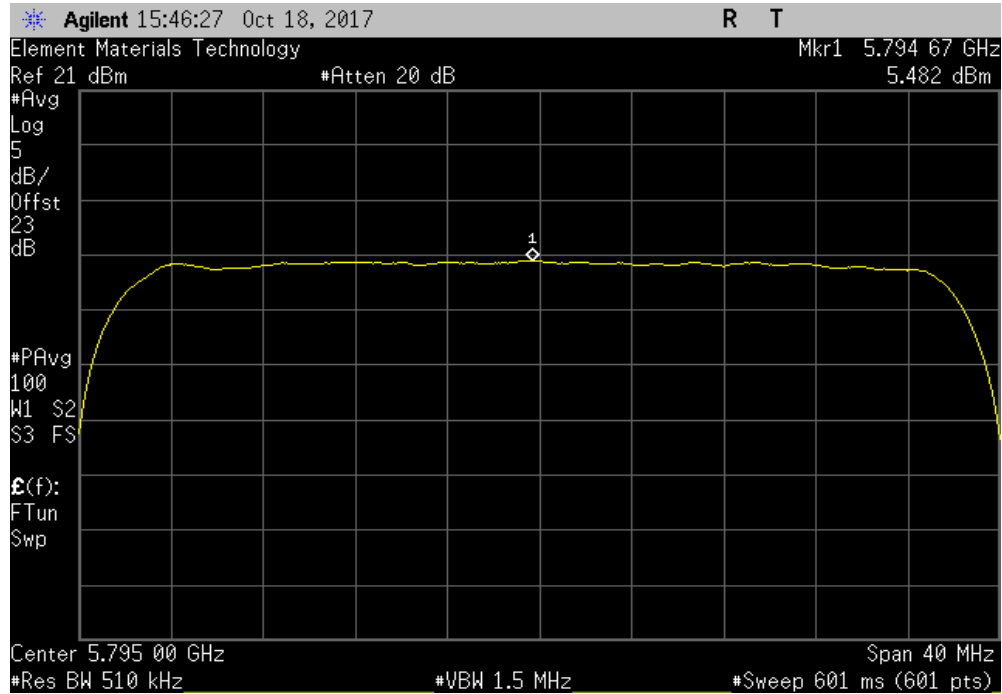


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

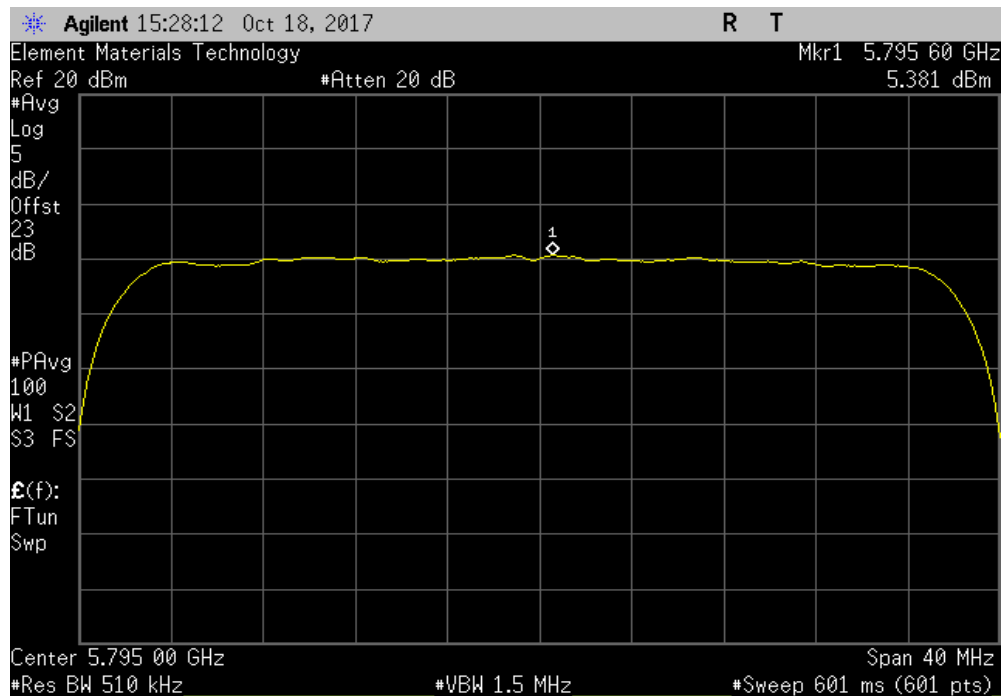


TMTx 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.482	0	5.5	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.381	0	5.4	30	Pass		

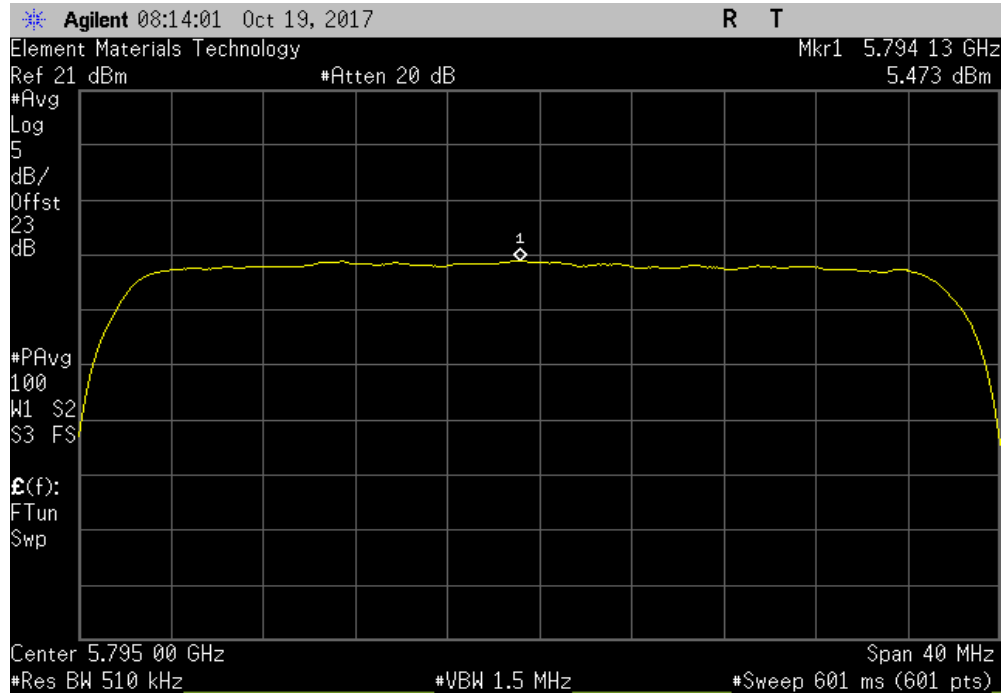


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

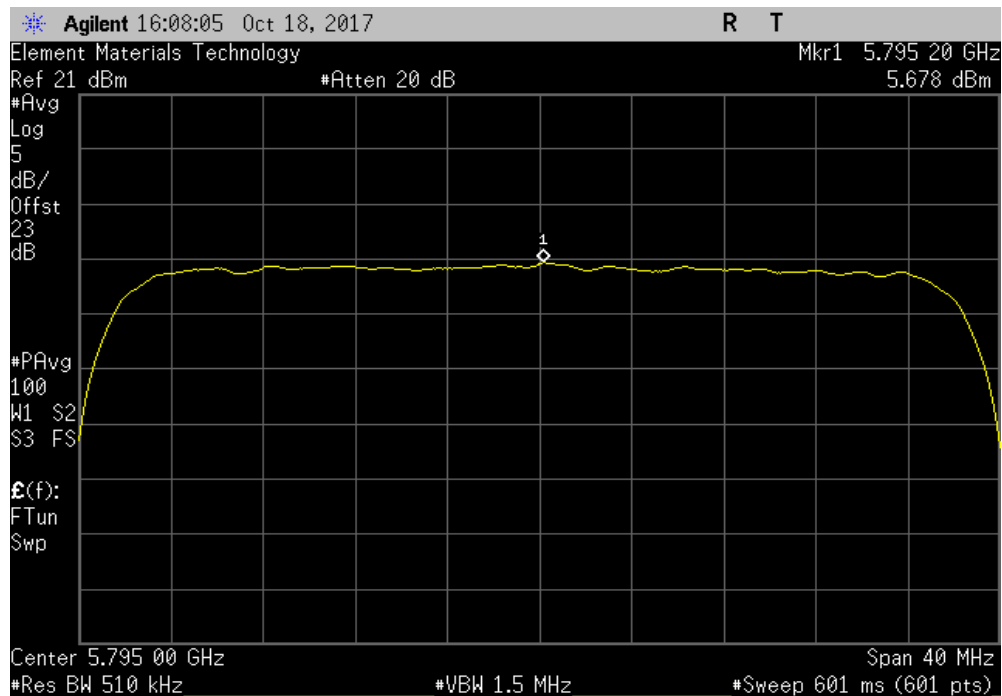


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.473	0	5.5	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.678	0	5.7	30	Pass		

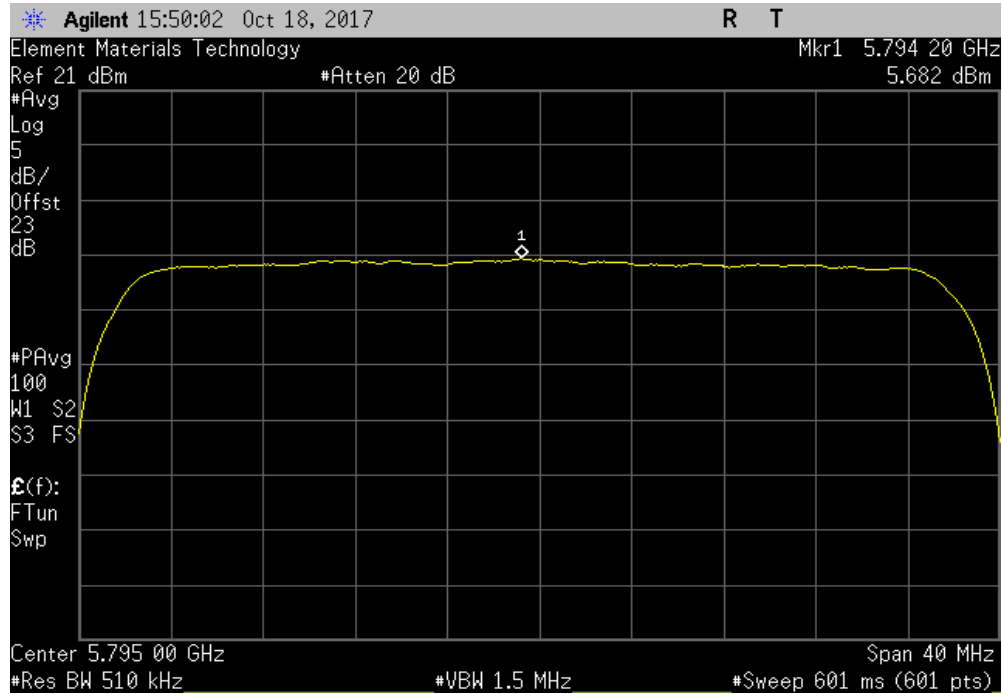


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

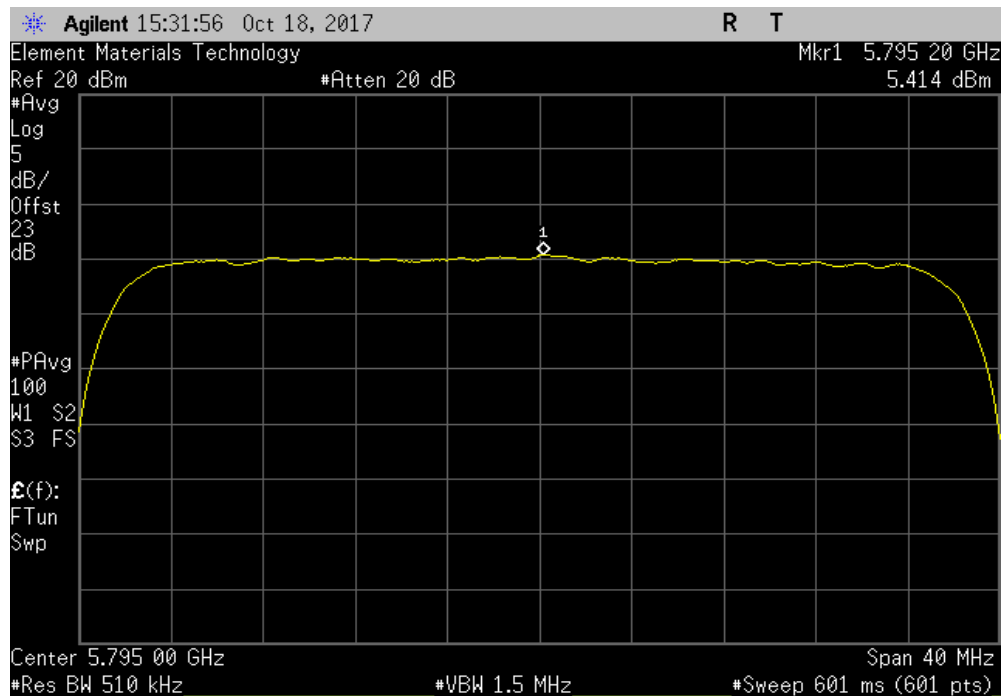


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.682	0	5.7	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.414	0	5.4	30	Pass		

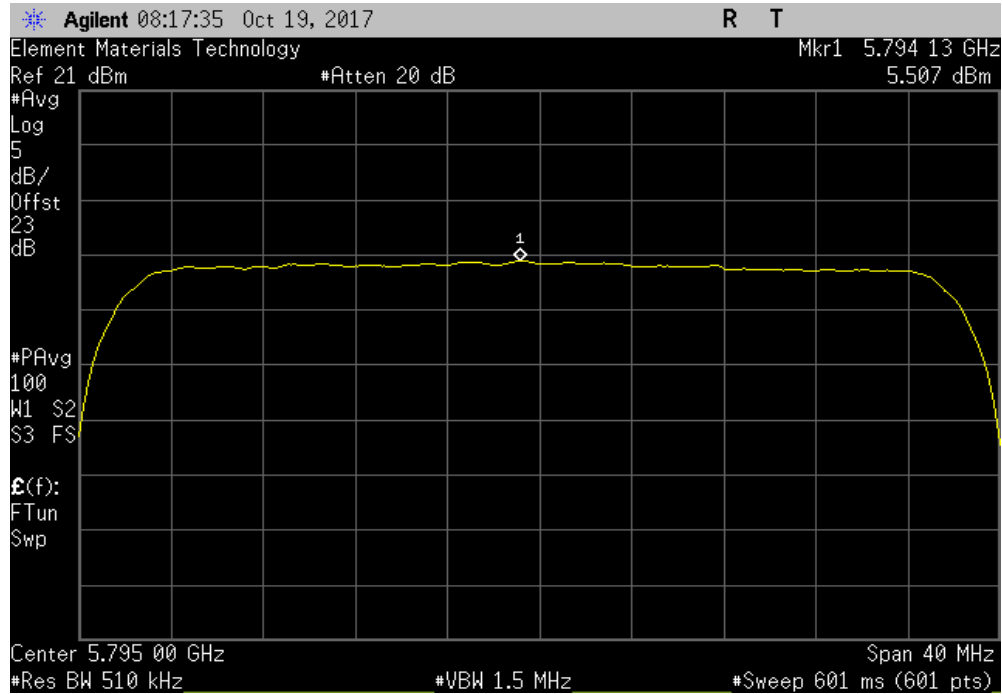


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

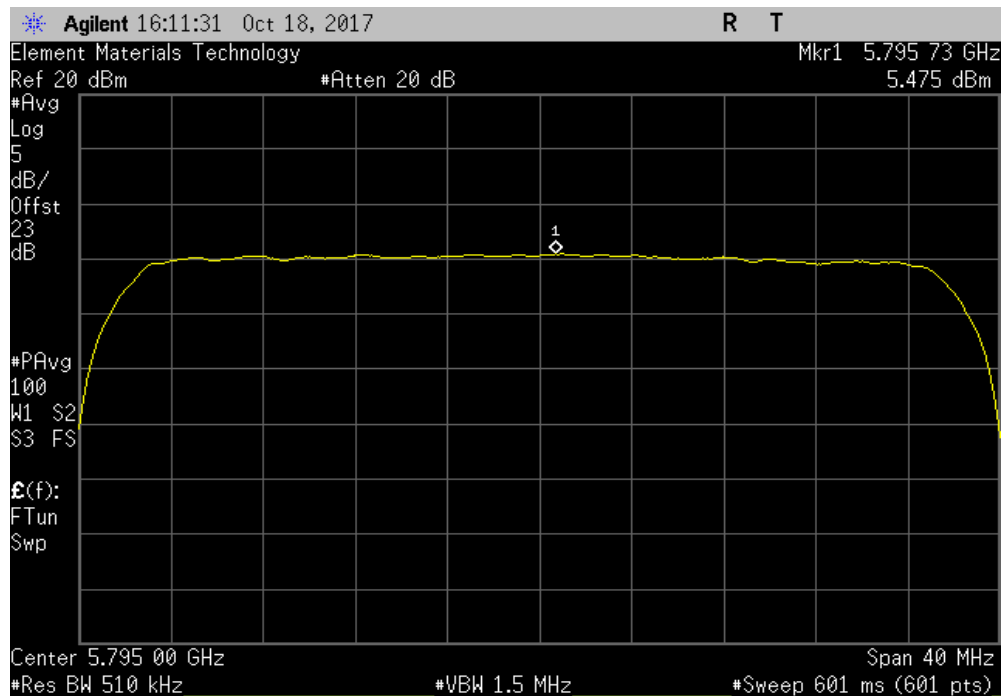


TMTx 2017.07.11 XMI 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 1024-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.507	0	5.5	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 1024-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.475	0	5.5	30	Pass		

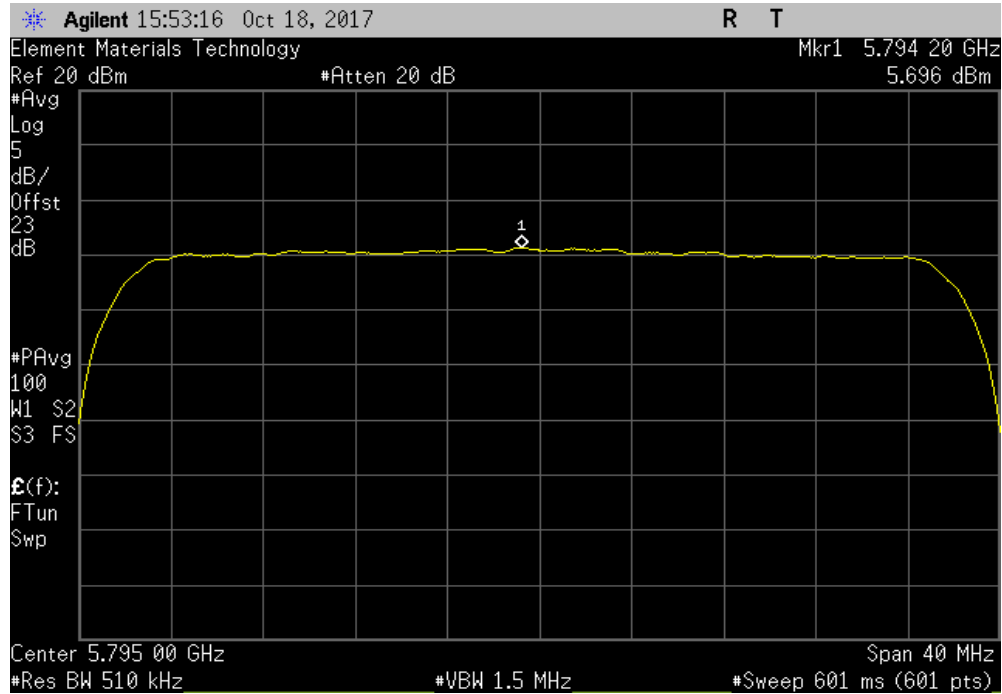


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

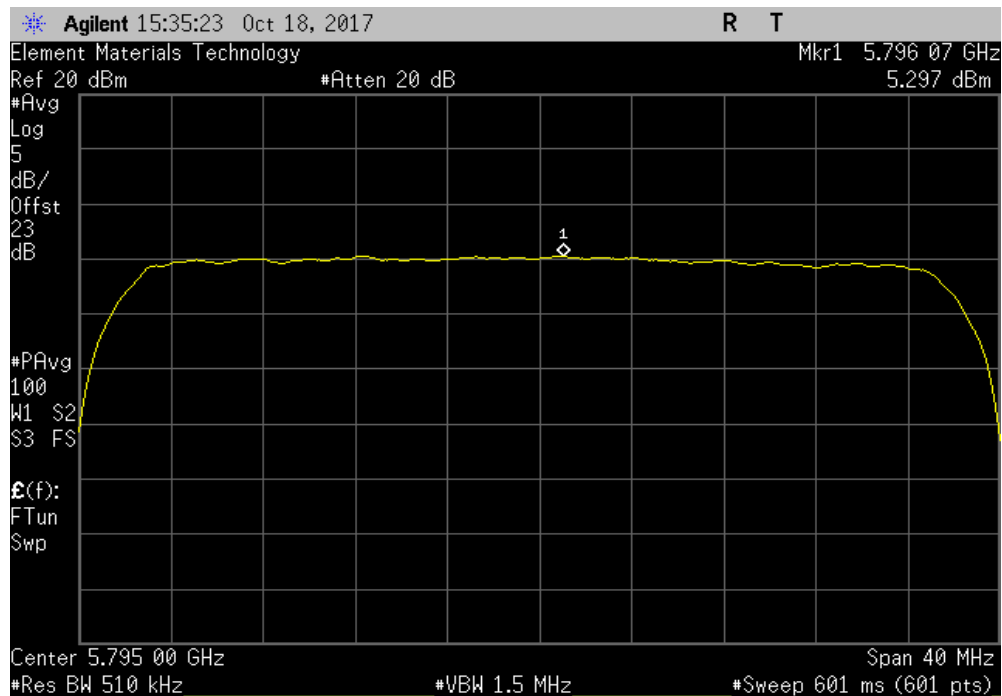


TMTx 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 1024-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.696	0	5.7	30	Pass		



5725 - 5850 MHz, 5795 MHz (Mid Channel), 40 MHz BW, 1024-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.297	0	5.3	30	Pass		

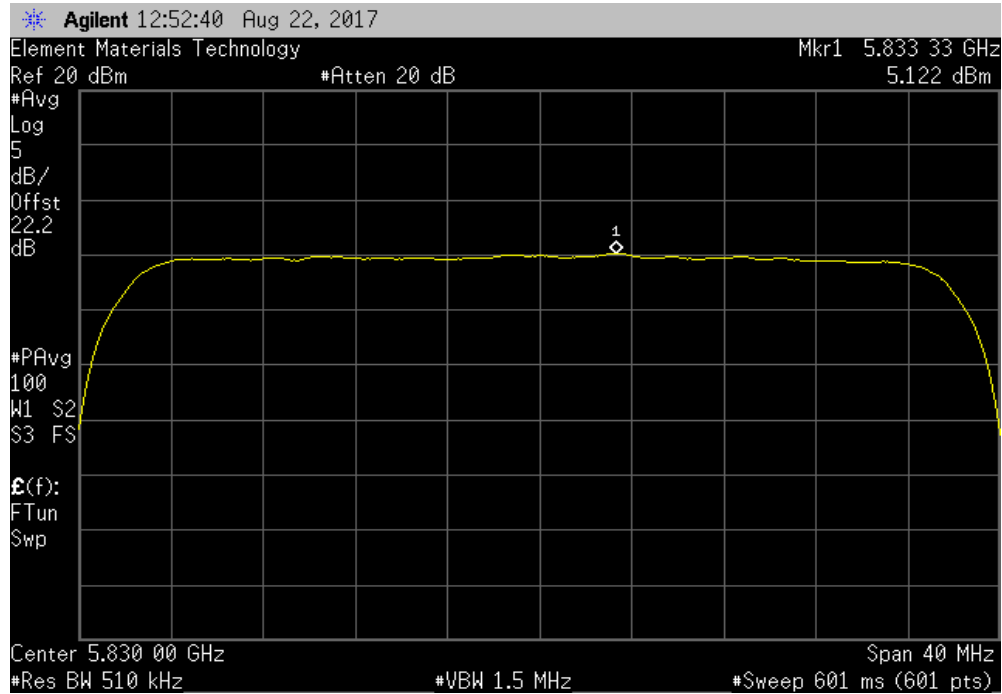


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

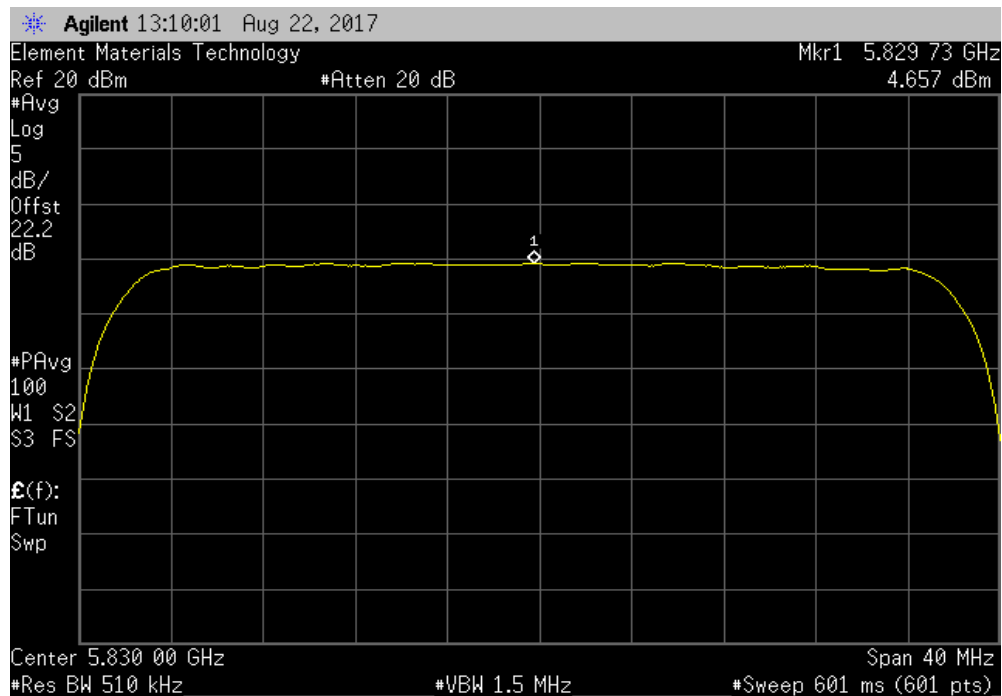


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 4-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.122	0	5.1	30	Pass		



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 4-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
4.657	0	4.7	30	Pass		

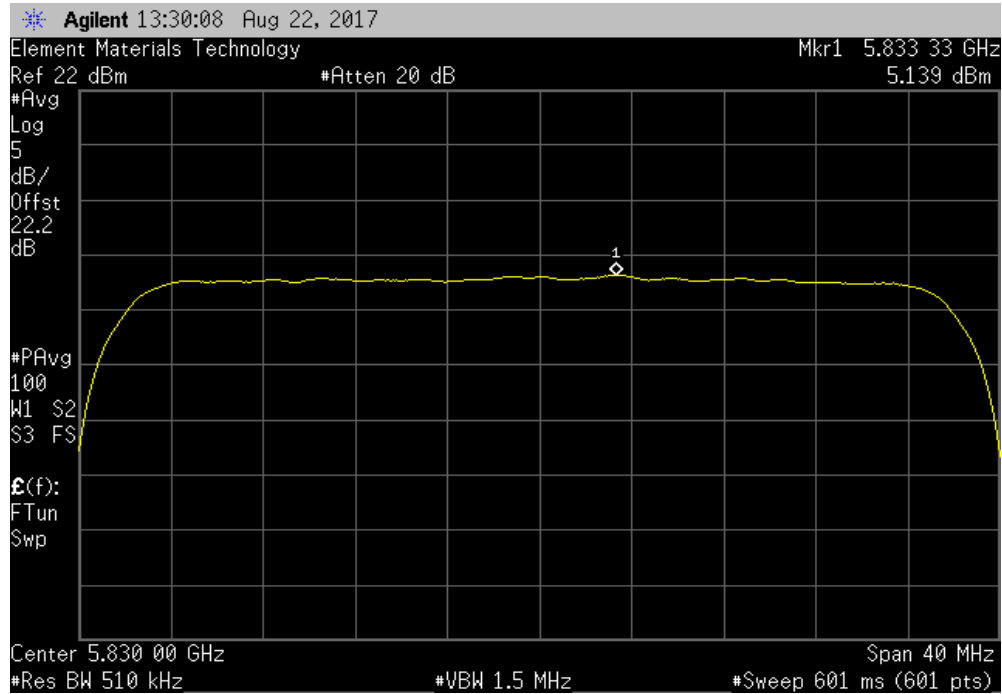


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

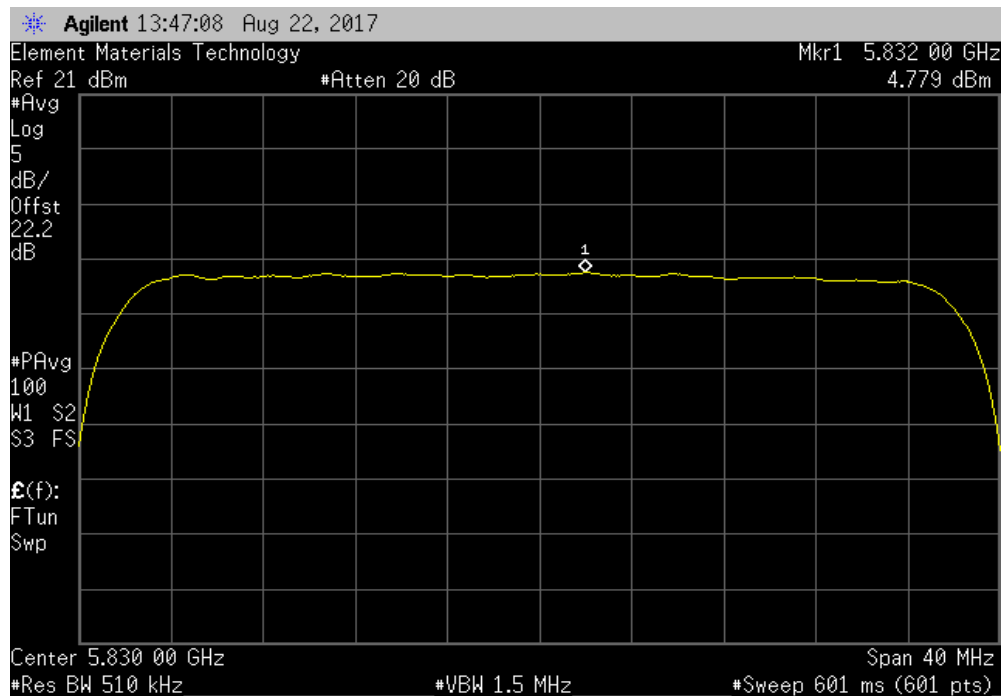


TMTX 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 4-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.139	0	5.1	30	Pass		



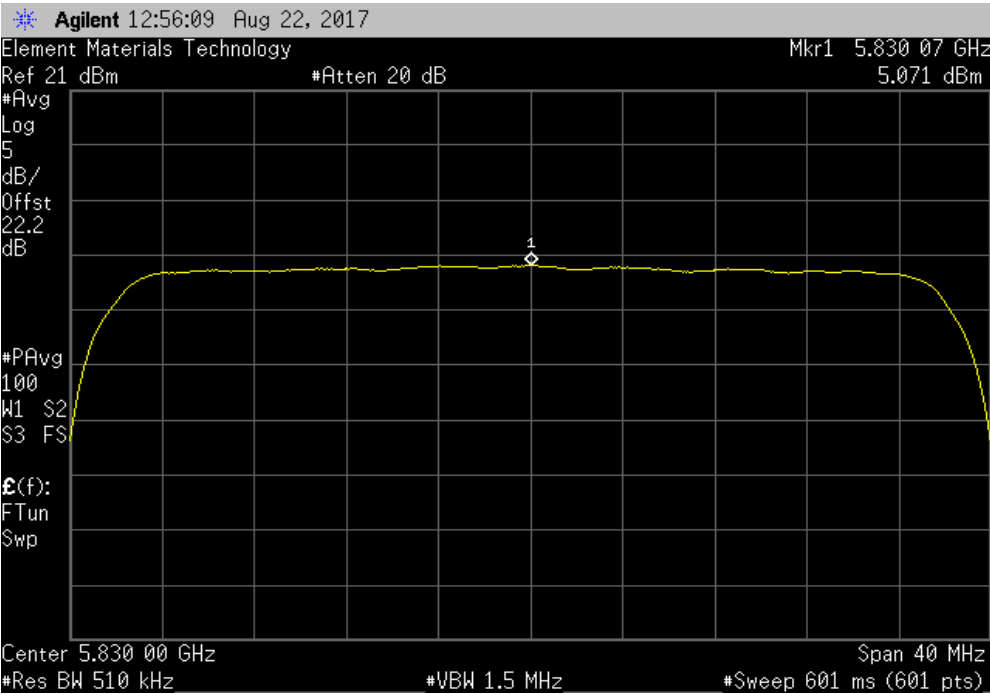
5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 4-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
4.779	0	4.8	30	Pass		



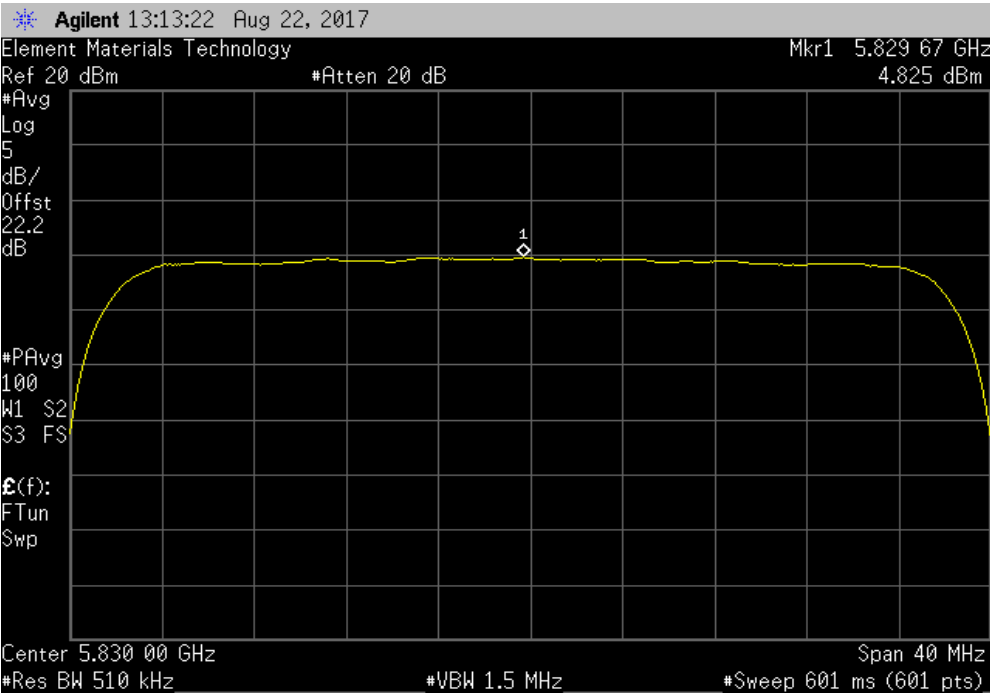
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 16-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.071	0	5.1	30	Pass		



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 16-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
4.825	0	4.8	30	Pass		

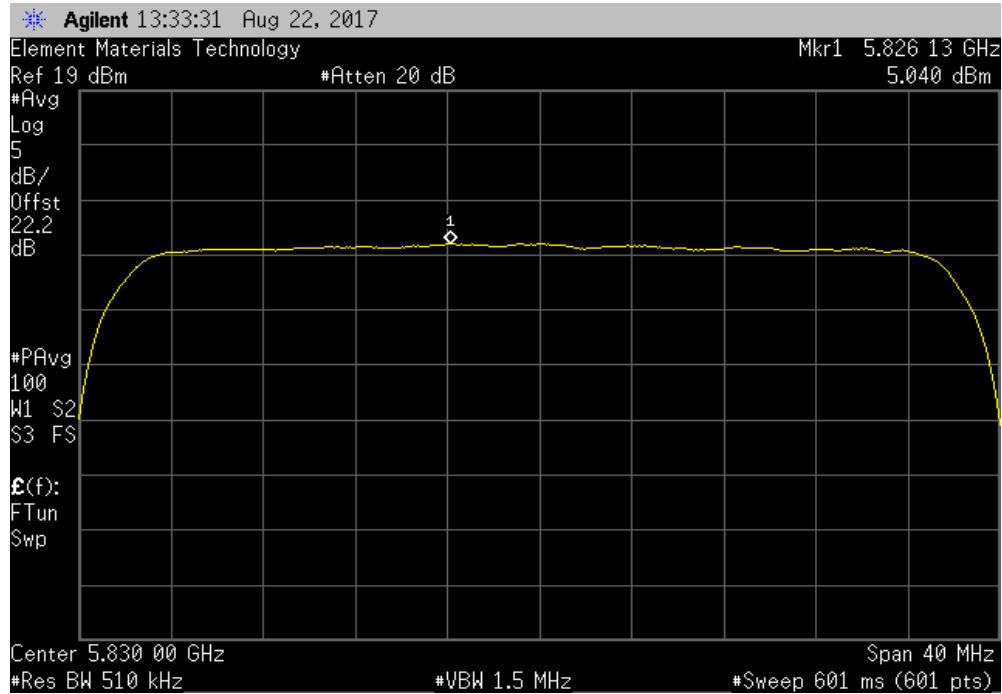


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

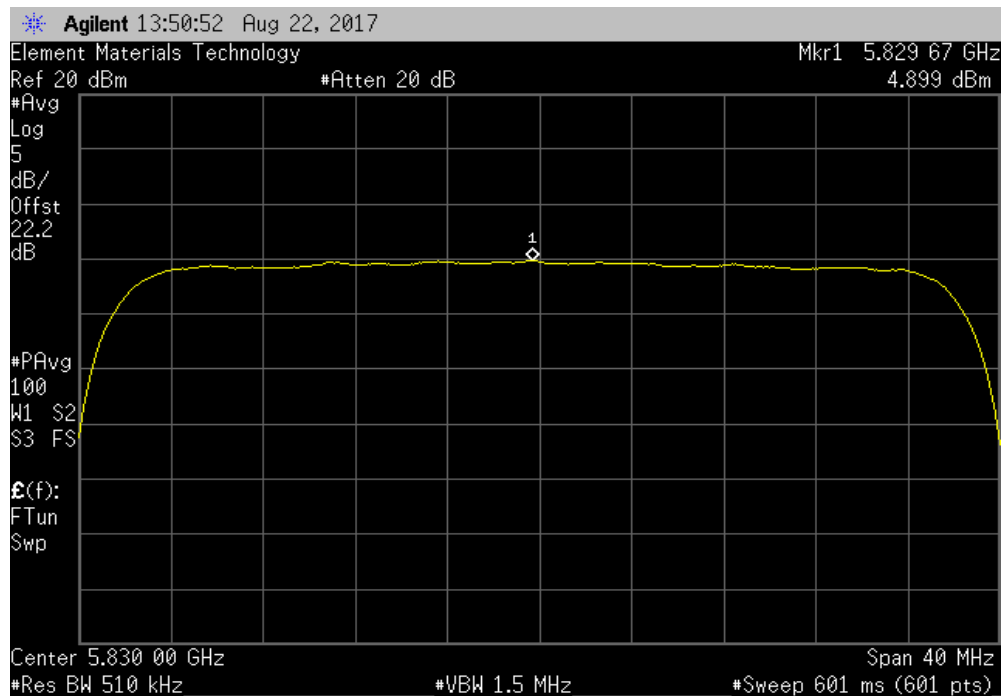


TMTx 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 16-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.04	0	5	30	Pass		



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 16-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
4.899	0	4.9	30	Pass		

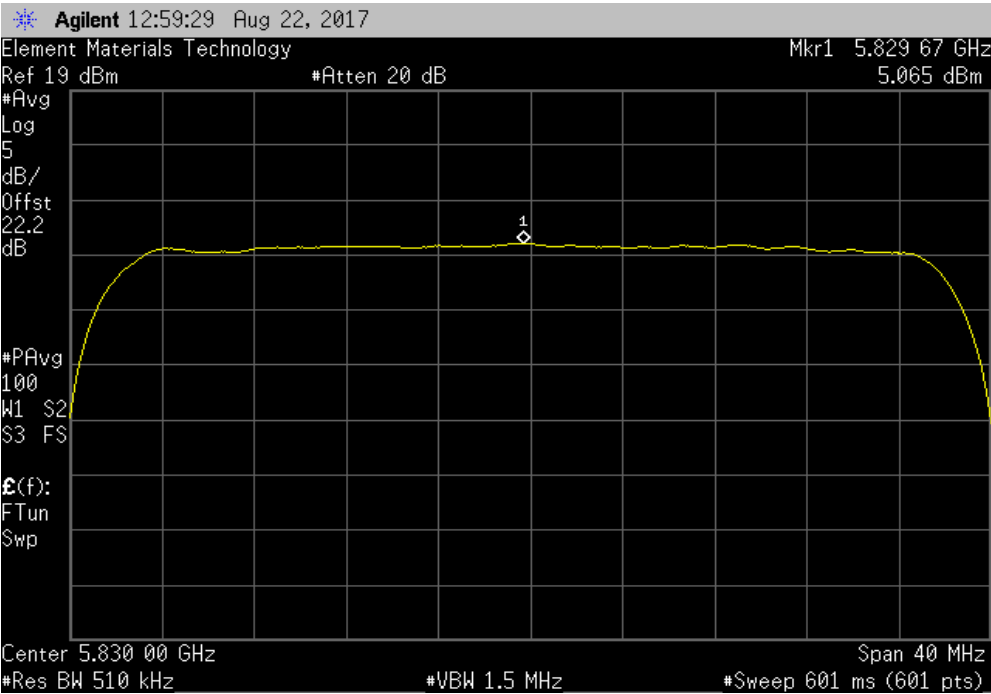


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

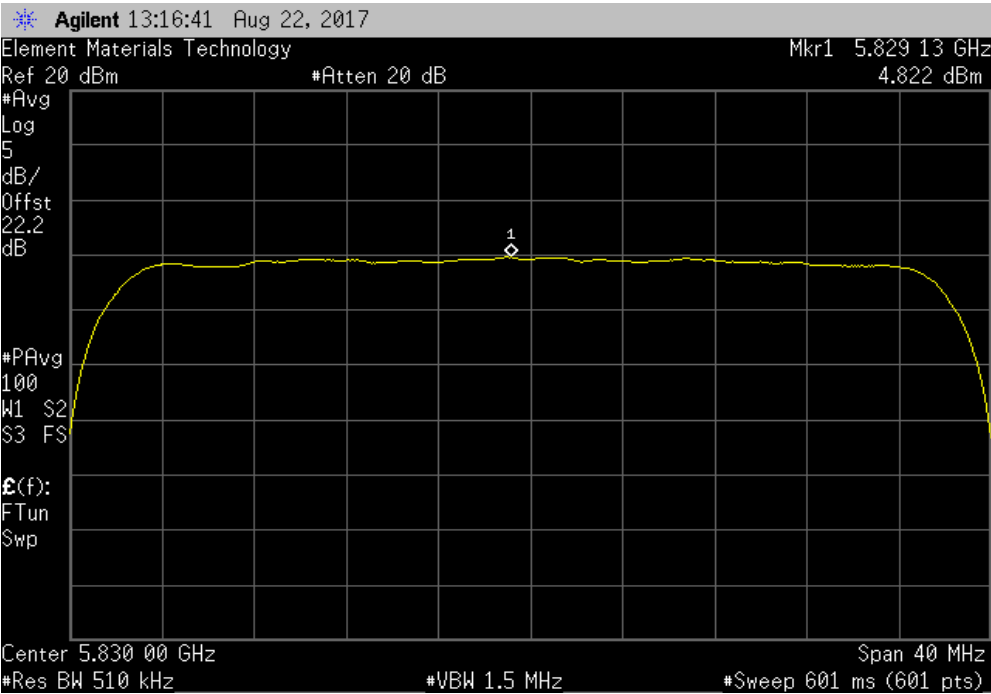


TMTx 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 64-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.065	0	5.1	30	Pass		



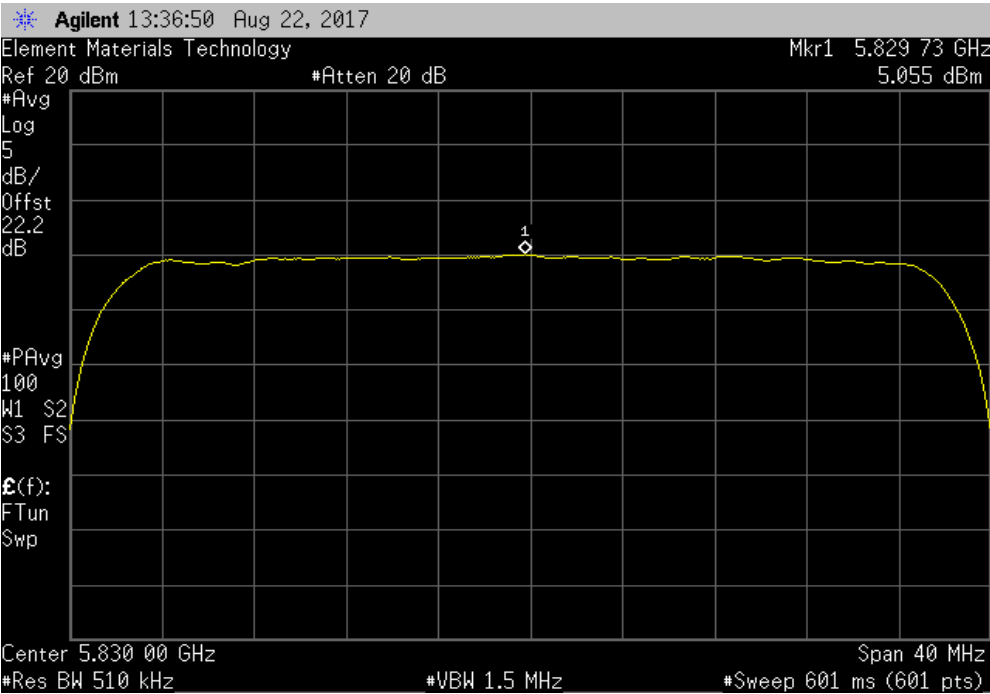
5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 64-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
4.822	0	4.8	30	Pass		



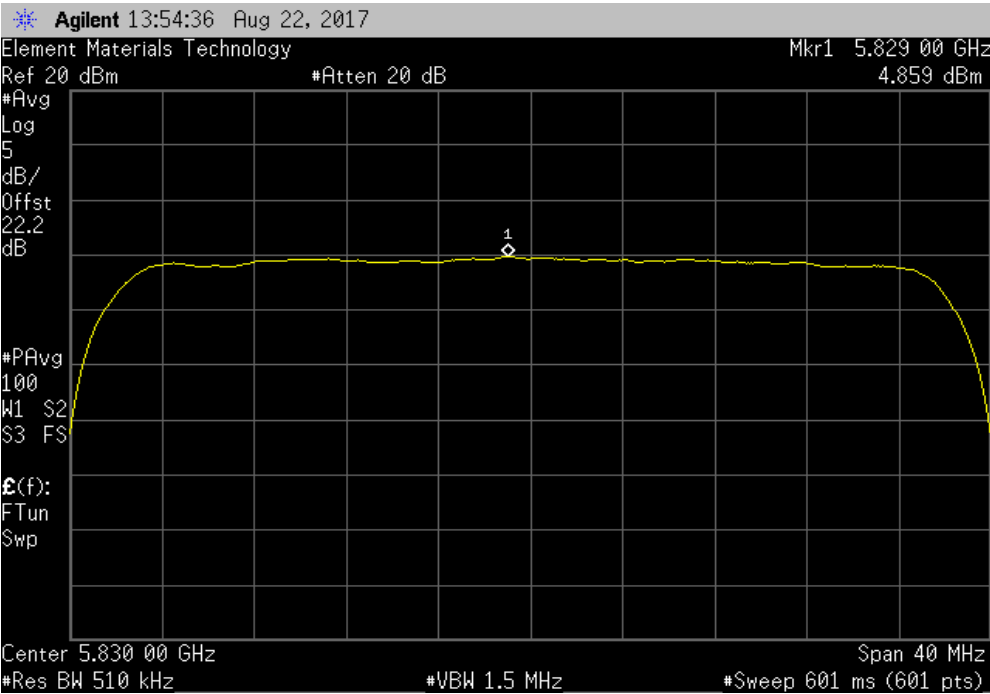
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 64-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.055	0	5.1	30	Pass		



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 64-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
4.859	0	4.9	30	Pass		

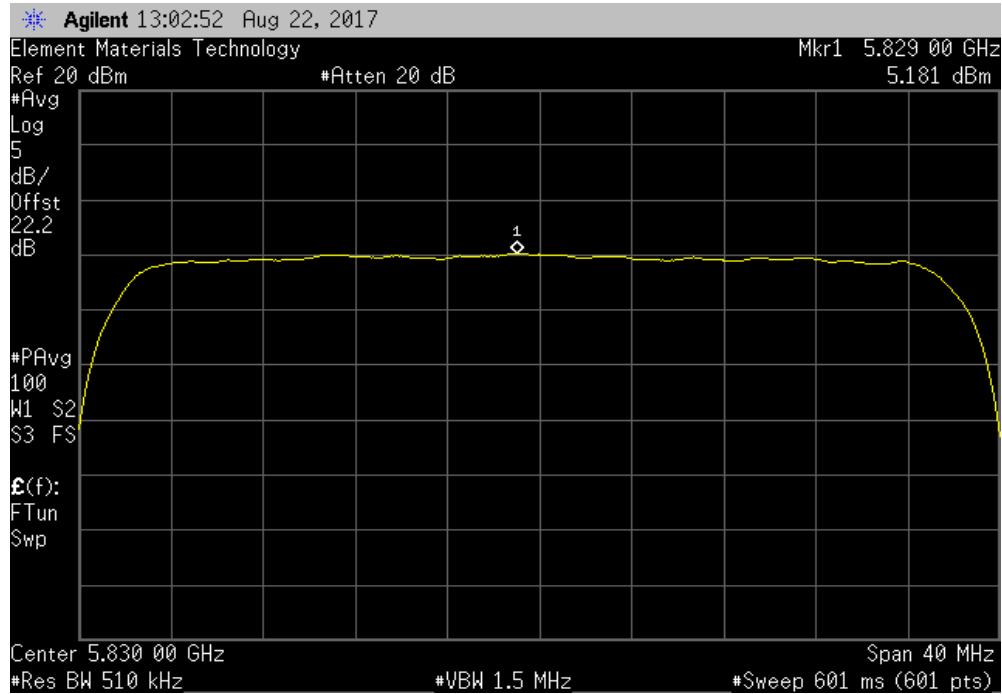


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

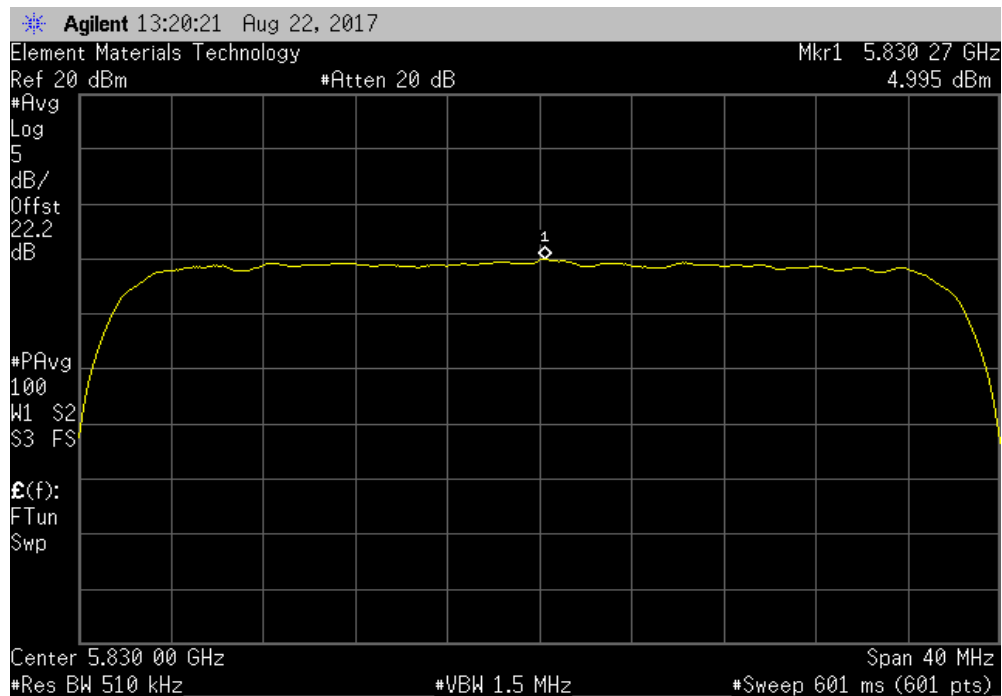


TMTx 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 256-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.181	0	5.2	30	Pass		



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 256-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
4.995	0	5	30	Pass		

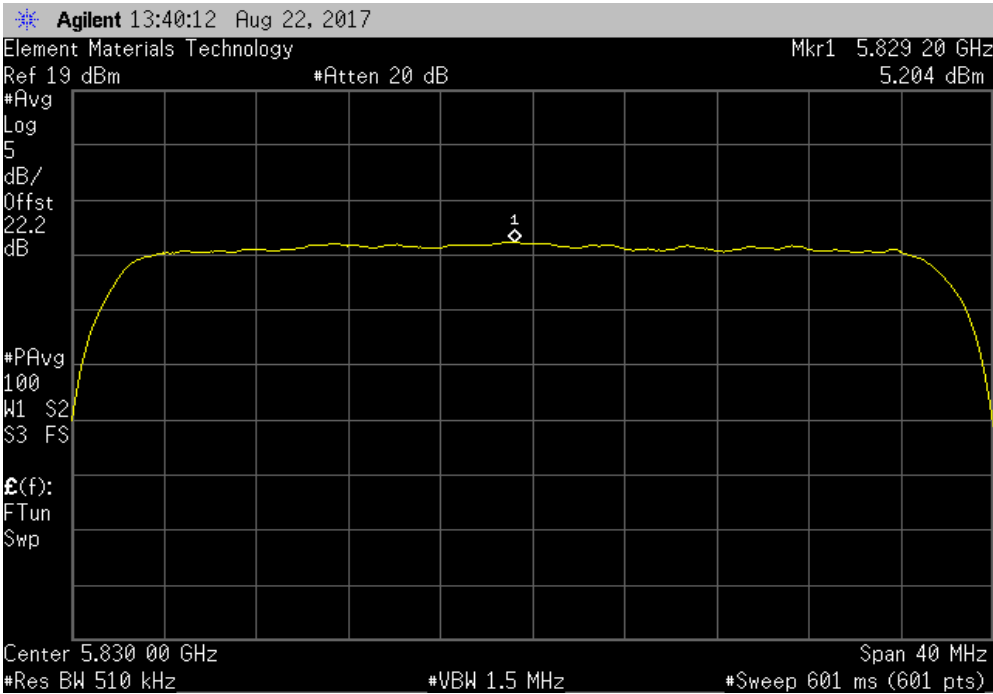


MAXIMUM POWER SPECTRAL DENSITY 5.8GHz

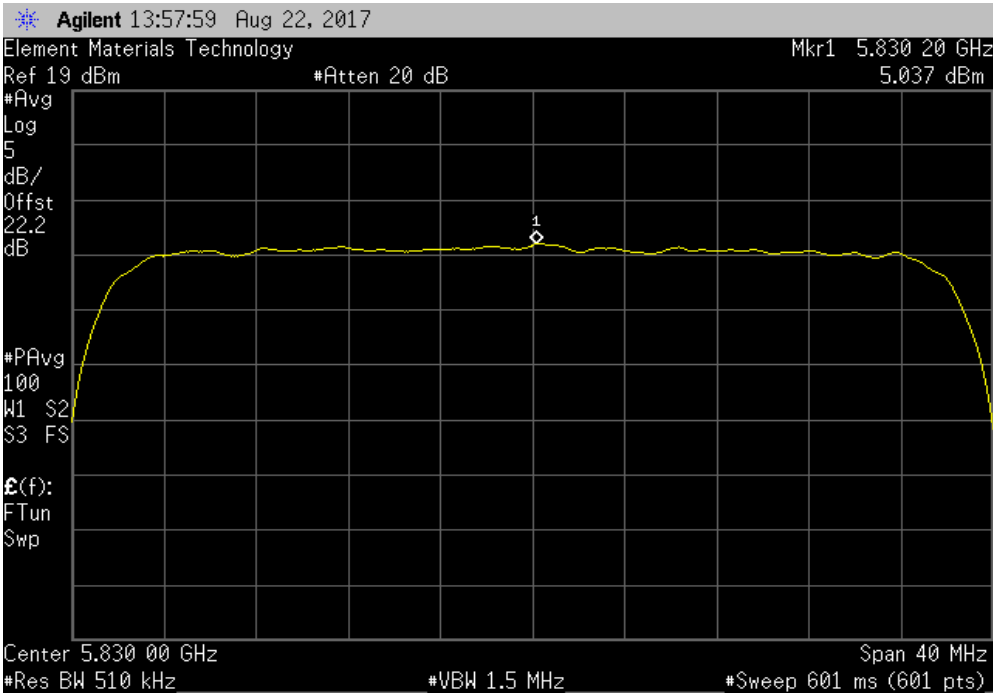


TMTx 2017.07.11 XMM 2017.09.21

5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 256-QAM, Radio 2, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.204	0	5.2	30	Pass		



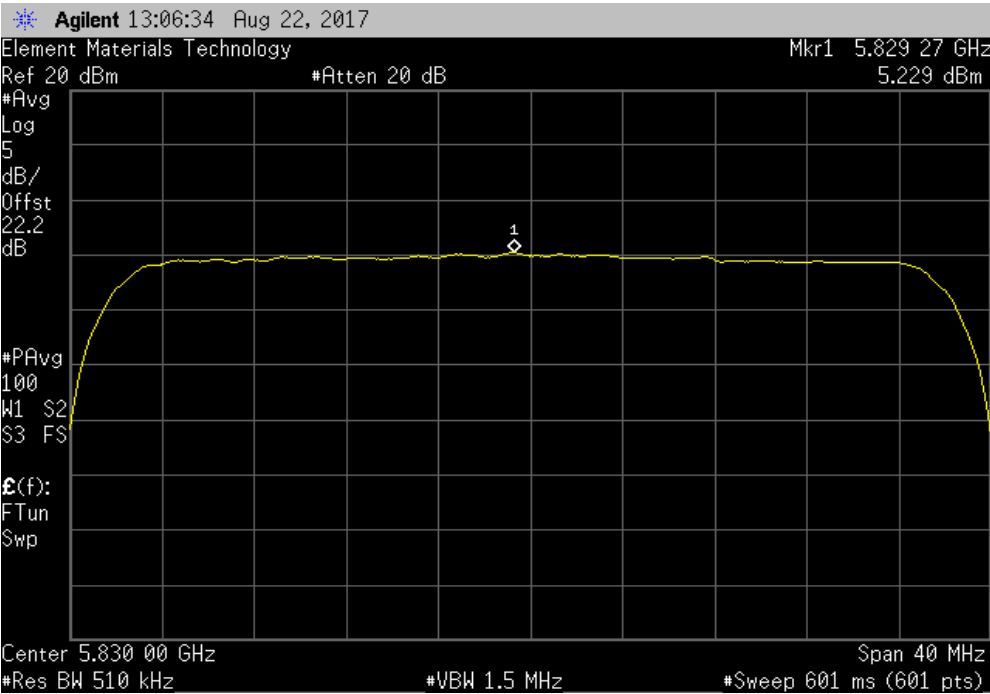
5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 256-QAM, Radio 2, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.037	0	5	30	Pass		



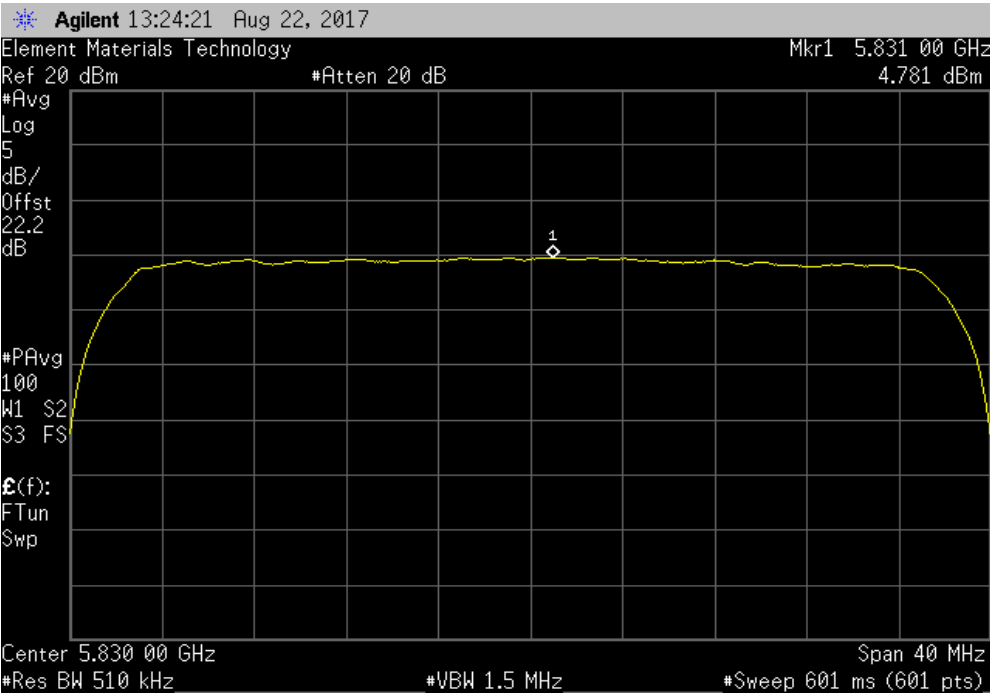
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 1024-QAM, Radio 1, Port RF0						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
5.229	0	5.2	30	Pass		



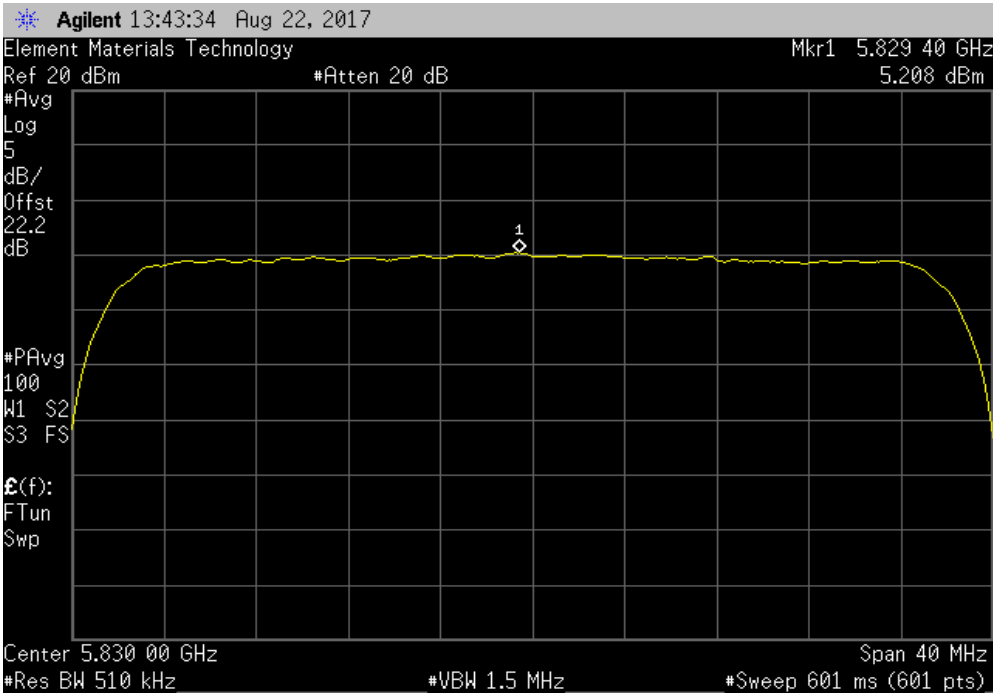
5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 1024-QAM, Radio 1, Port RF1						
Power (dBm/RBW)	Duty Cycle Factor (dB)	Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results		
4.781	0	4.8	30	Pass		



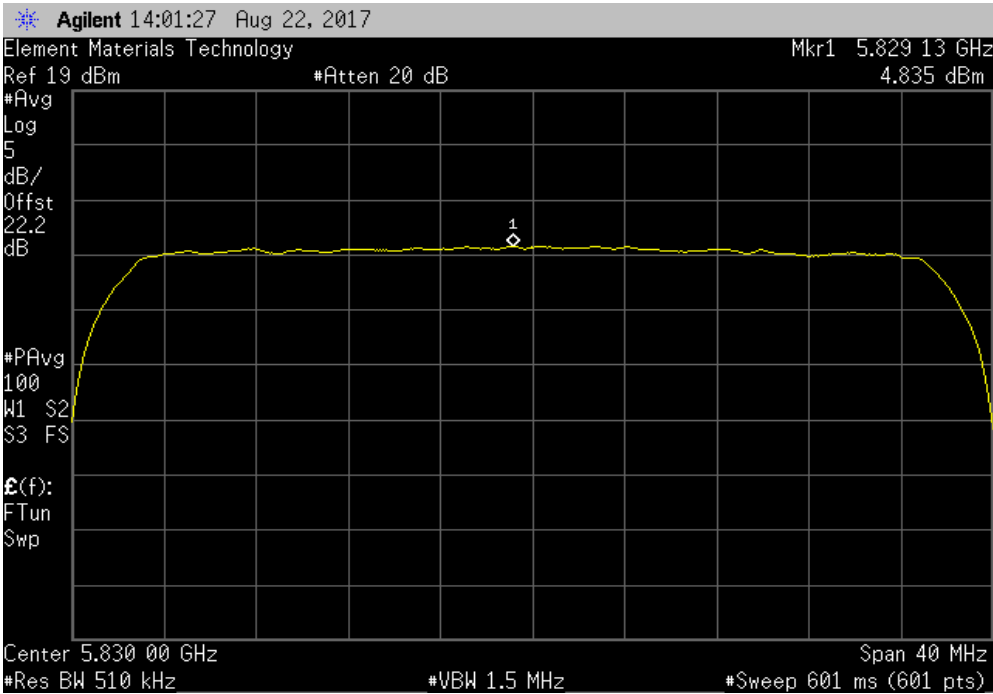
MAXIMUM POWER SPECTRAL DENSITY 5.8GHz



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 1024-QAM, Radio 2, Port RF0						
	Power (dBm/RBW)	Duty Cycle Factor (dB)		Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results
	5.208	0		5.2	30	Pass



5725 - 5850 MHz, 5830 MHz (High Channel), 40 MHz BW, 1024-QAM, Radio 2, Port RF1						
	Power (dBm/RBW)	Duty Cycle Factor (dB)		Density (dBm/RBW)	Limit ≤ (dBm/RBW)	Results
	4.835	0		4.8	30	Pass



BAND EDGE 5.2GHz



XMIT 2017.09.21

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	Fairview Microwave	SA18S5W-20	RFX	12-Jun-17	12-Jun-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The 99% emission bandwidth of the carrier was measured to ensure that no part of the emission of the carrier operating in a non-DFS band was operating in a band where DFS testing is required. This test is done with the U-NII-1 band (5.2 GHz band) to ensure no portion of the carrier is contained within the U-NII-2A band and with the U-NII-3 band (5.8 GHz band) to ensure no portion of the carrier is contained in the U-NII-2C band.

The transmit frequencies and data rates listed in the datasheet were measured.

The transmit power was set to its default maximum.

BAND EDGE 5.2GHz



Thru 2017.10.04 XMI 2017.09.21

EUT: M4-2000		Work Order: MAX40003	
Serial Number: 33		Date: 16-Nov-17	
Customer: Kwikbit, Inc.		Temperature: 22.7 °C	
Attendees: None		Humidity: 24.4% RH	
Project: None		Barometric Pres.: 1026 mbar	
Tested by: Dustin Sparks		Power: 110VAC/60Hz	
		Job Site: MN08	
TEST SPECIFICATIONS		Test Method	
FCC 15.407:2017		ANSI C63.10:2013	
COMMENTS			
None			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	2	Signature <i>Dustin Sparks</i>	

		Value	Limit	Result
5150 - 5250 MHz Band				
High Channel (5245 MHz), 10 MHz BW				
4-QAM				
	Radio 1, Port RF0	5249.587 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5249.617 MHz	< 5250 MHz	Pass
16-QAM				
	Radio 1, Port RF0	5249.617 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5249.607 MHz	< 5250 MHz	Pass
64-QAM				
	Radio 1, Port RF0	5249.587 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5249.627 MHz	< 5250 MHz	Pass
256-QAM				
	Radio 1, Port RF0	5249.627 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5249.637 MHz	< 5250 MHz	Pass
1024-QAM				
	Radio 1, Port RF0	5249.647 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5249.637 MHz	< 5250 MHz	Pass
High Channel (5240 MHz), 20 MHz BW				
4-QAM				
	Radio 1, Port RF0	5248.774 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.794 MHz	< 5250 MHz	Pass
16-QAM				
	Radio 1, Port RF0	5248.734 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.774 MHz	< 5250 MHz	Pass
64-QAM				
	Radio 1, Port RF0	5248.754 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.774 MHz	< 5250 MHz	Pass
256-QAM				
	Radio 1, Port RF0	5248.814 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.774 MHz	< 5250 MHz	Pass
1024-QAM				
	Radio 1, Port RF0	5248.814 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.794 MHz	< 5250 MHz	Pass
High Channel (5230 MHz), 40 MHz BW				
4-QAM				
	Radio 1, Port RF0	5248.78 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.58 MHz	< 5250 MHz	Pass
16-QAM				
	Radio 1, Port RF0	5248.73 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.78 MHz	< 5250 MHz	Pass
64-QAM				
	Radio 1, Port RF0	5248.73 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.73 MHz	< 5250 MHz	Pass
256-QAM				
	Radio 1, Port RF0	5248.73 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.83 MHz	< 5250 MHz	Pass
1024-QAM				
	Radio 1, Port RF0	5248.68 MHz	< 5250 MHz	Pass
	Radio 2, Port RF0	5248.73 MHz	< 5250 MHz	Pass

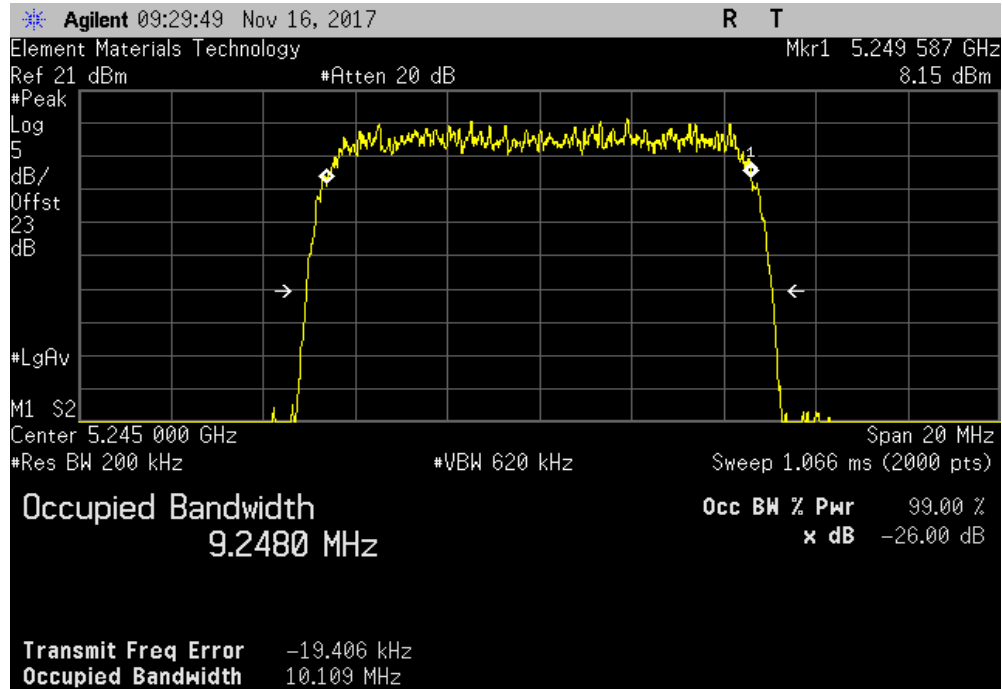
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

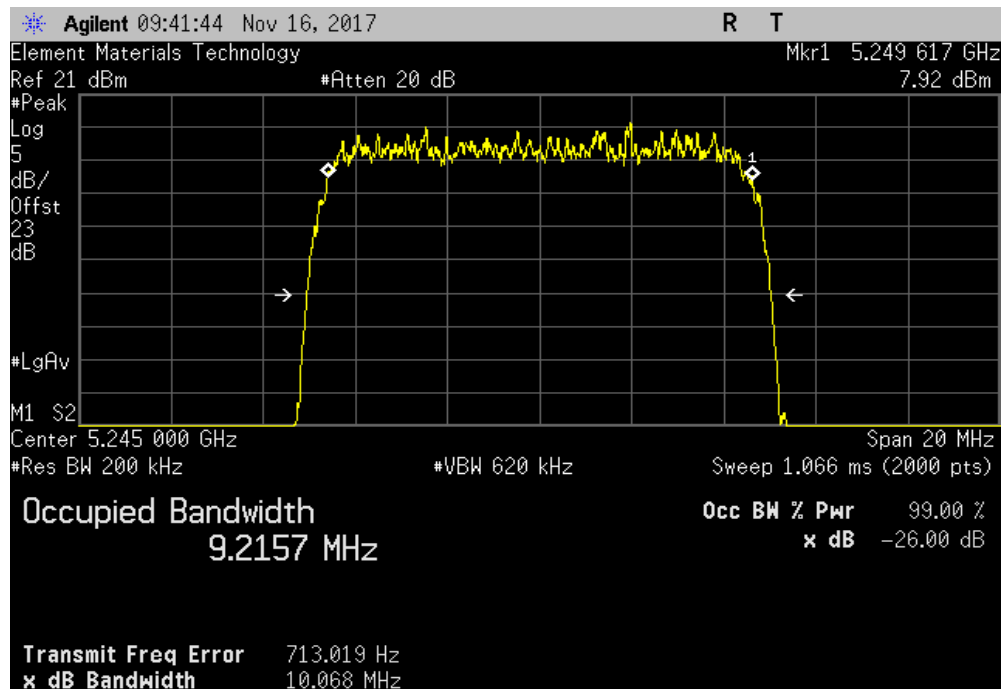
5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 4-QAM, Radio 1, Port RF0

Value	Limit	Result
5249.587 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 4-QAM, Radio 2, Port RF0

Value	Limit	Result
5249.617 MHz	< 5250 MHz	Pass



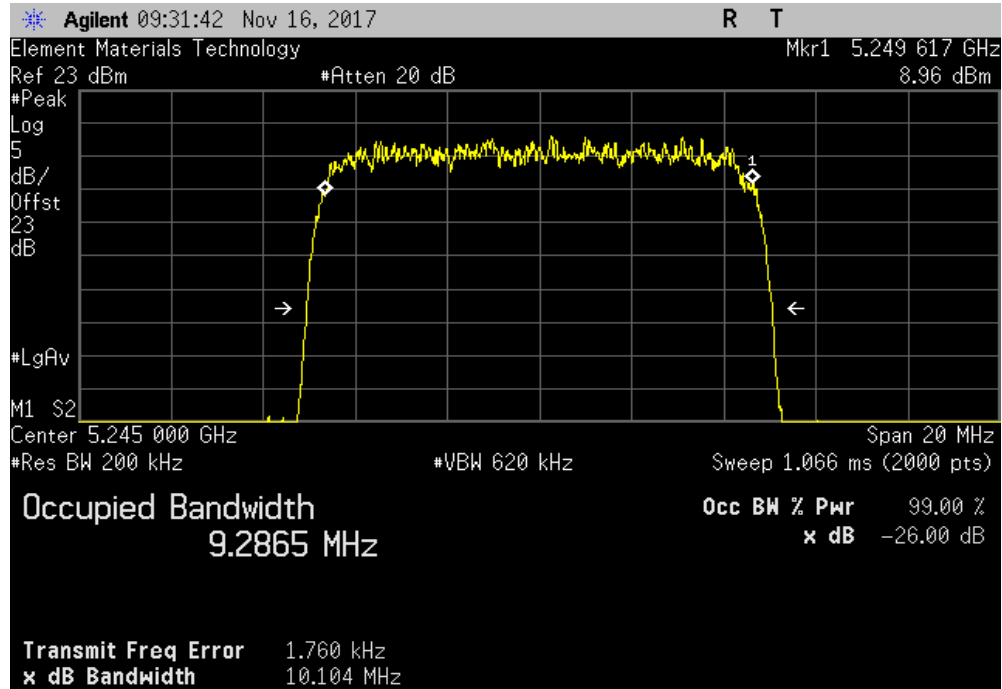
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

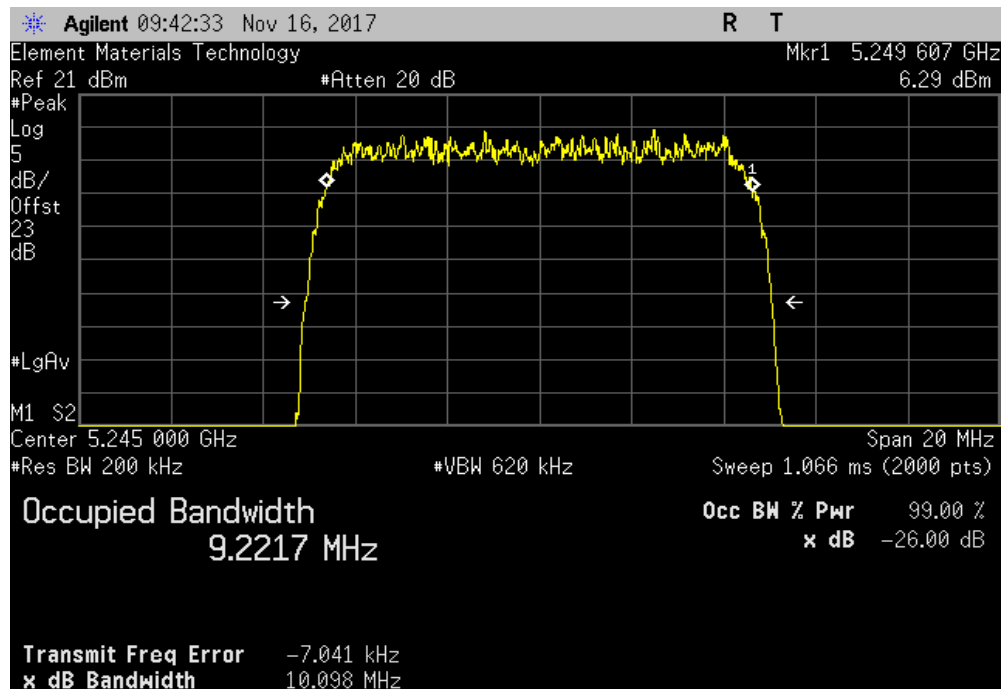
5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 16-QAM, Radio 1, Port RF0

Value	Limit	Result
5249.617 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 16-QAM, Radio 2, Port RF0

Value	Limit	Result
5249.607 MHz	< 5250 MHz	Pass



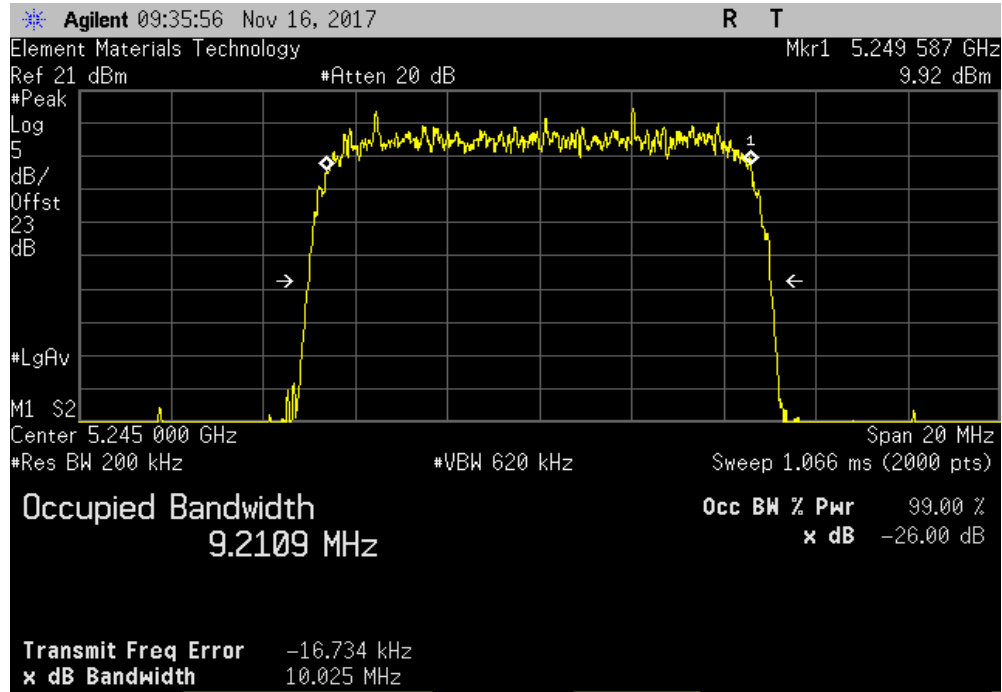
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

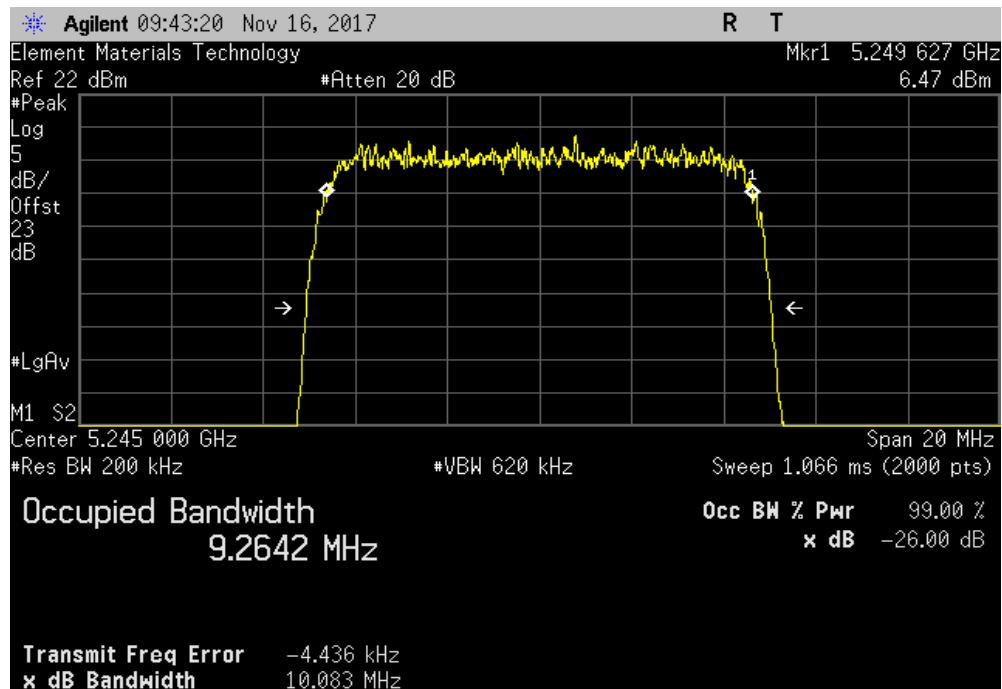
5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 64-QAM, Radio 1, Port RF0

Value	Limit	Result
5249.587 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 64-QAM, Radio 2, Port RF0

Value	Limit	Result
5249.627 MHz	< 5250 MHz	Pass



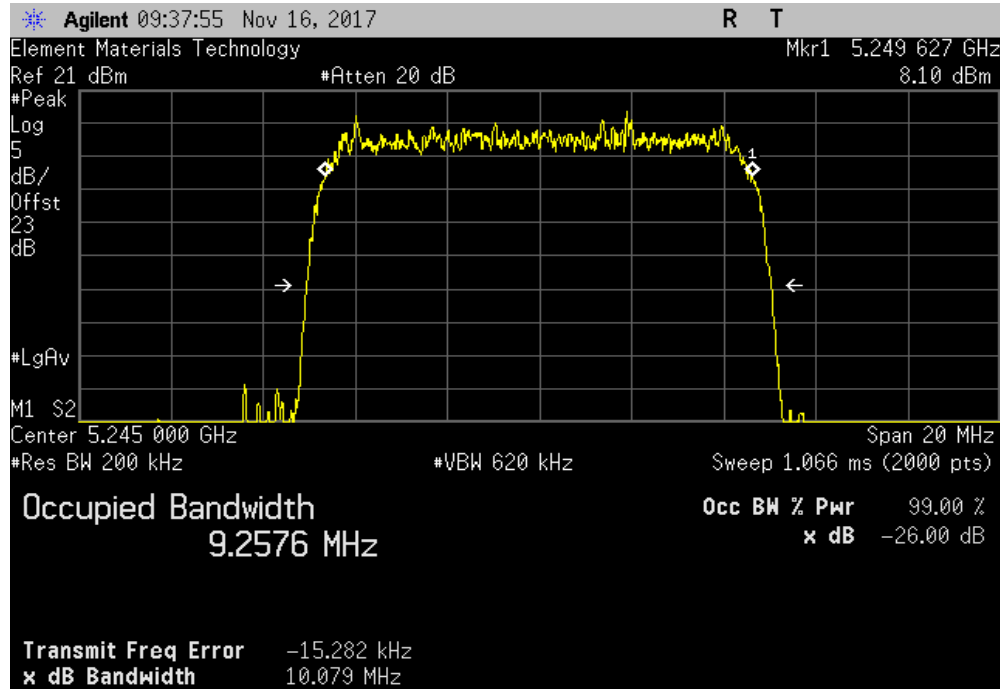
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

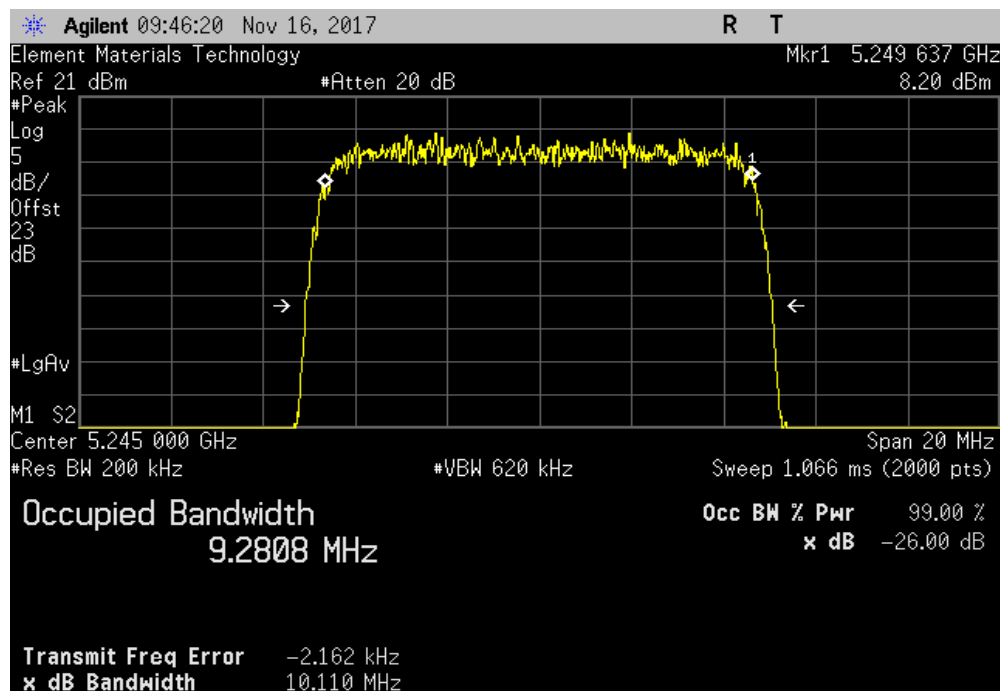
5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 256-QAM, Radio 1, Port RFO

Value	Limit	Result
5249.627 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 256-QAM, Radio 2, Port RFO

Value	Limit	Result
5249.637 MHz	< 5250 MHz	Pass



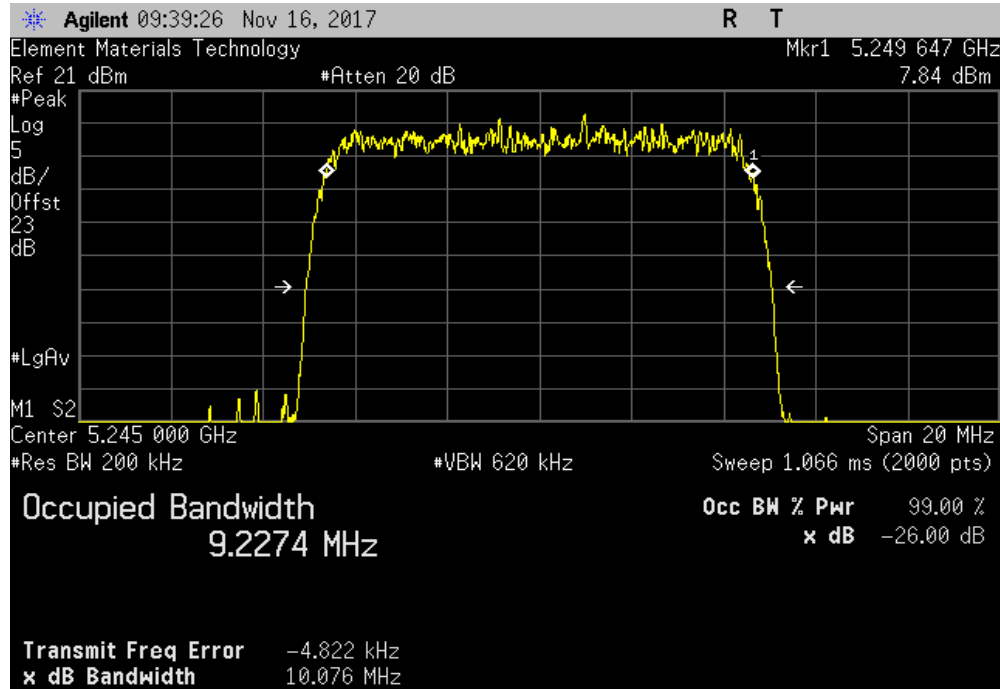
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

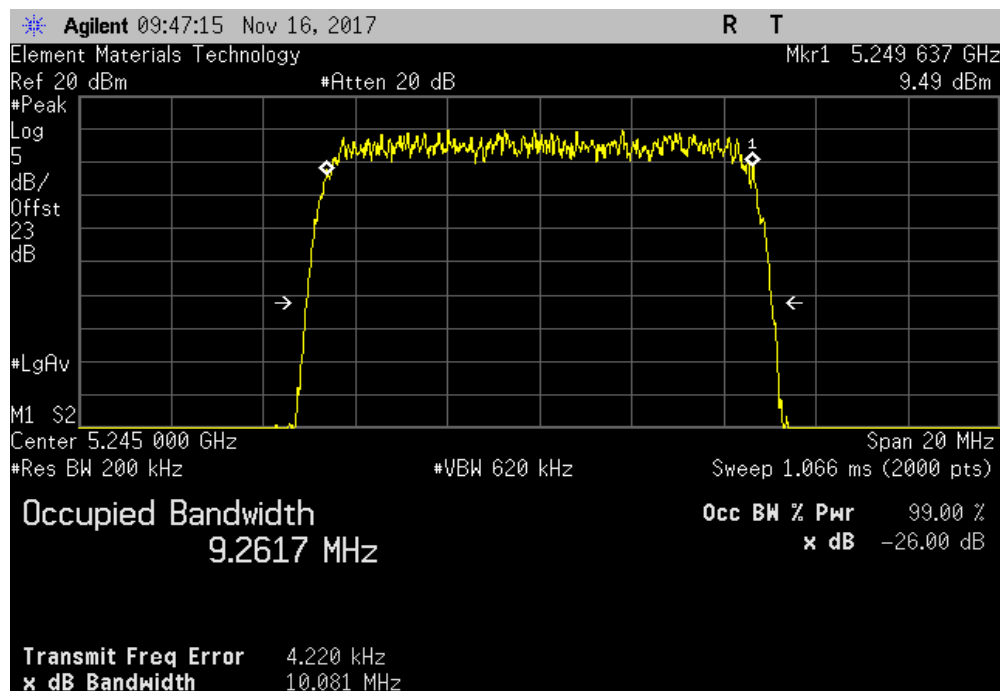
5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 1024-QAM, Radio 1, Port RF0

	Value	Limit	Result
	5249.647 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5245 MHz), 10 MHz BW, 1024-QAM, Radio 2, Port RF0

	Value	Limit	Result
	5249.637 MHz	< 5250 MHz	Pass



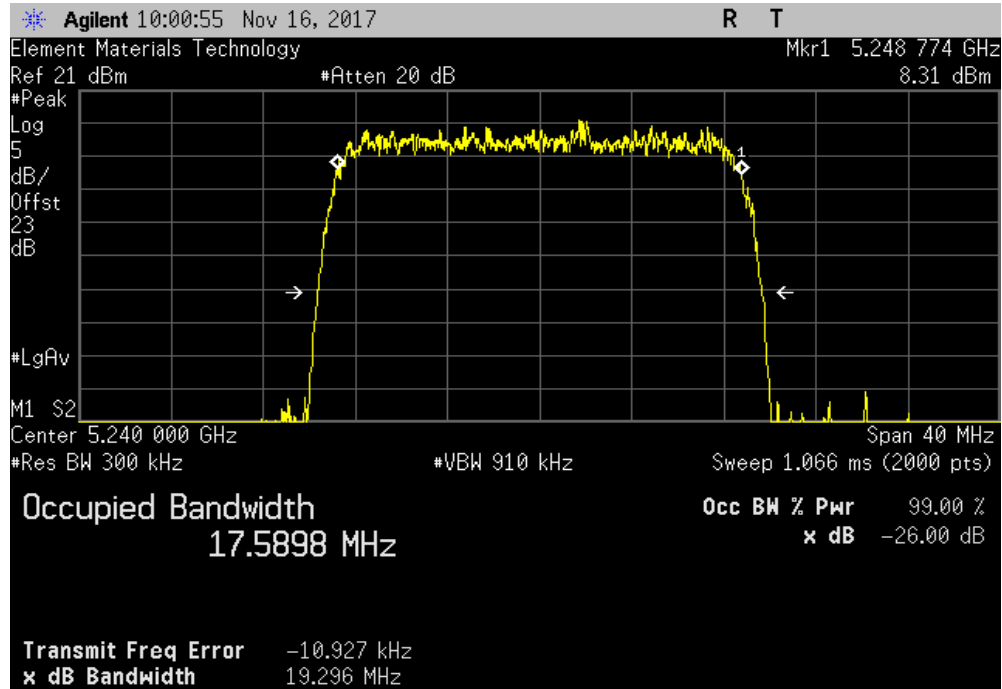
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

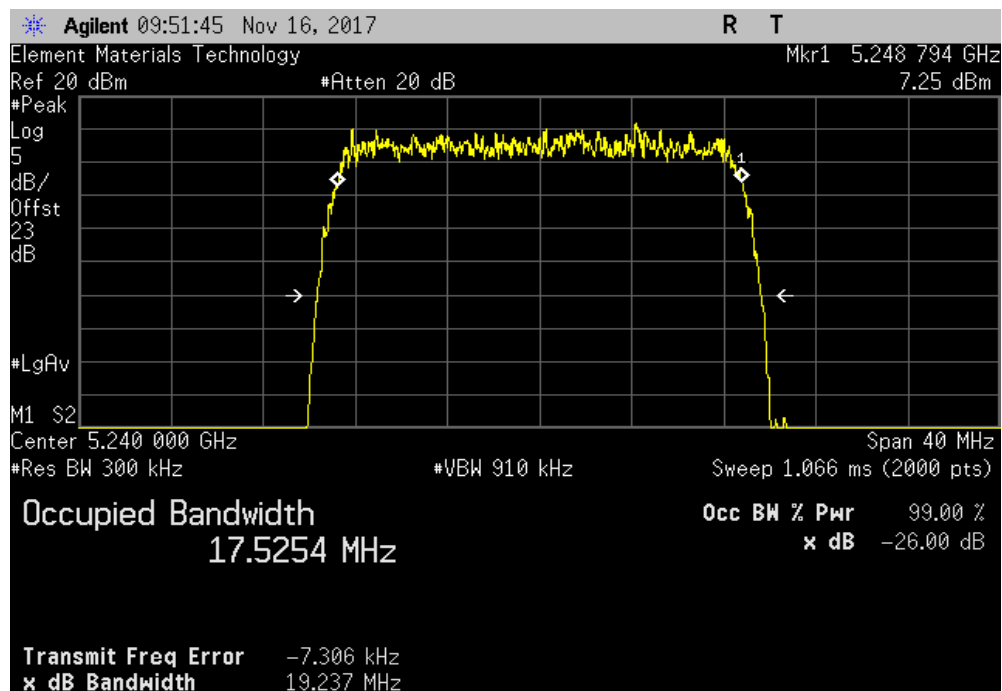
5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 4-QAM, Radio 1, Port RF0

Value	Limit	Result
5248.774 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 4-QAM, Radio 2, Port RF0

Value	Limit	Result
5248.794 MHz	< 5250 MHz	Pass



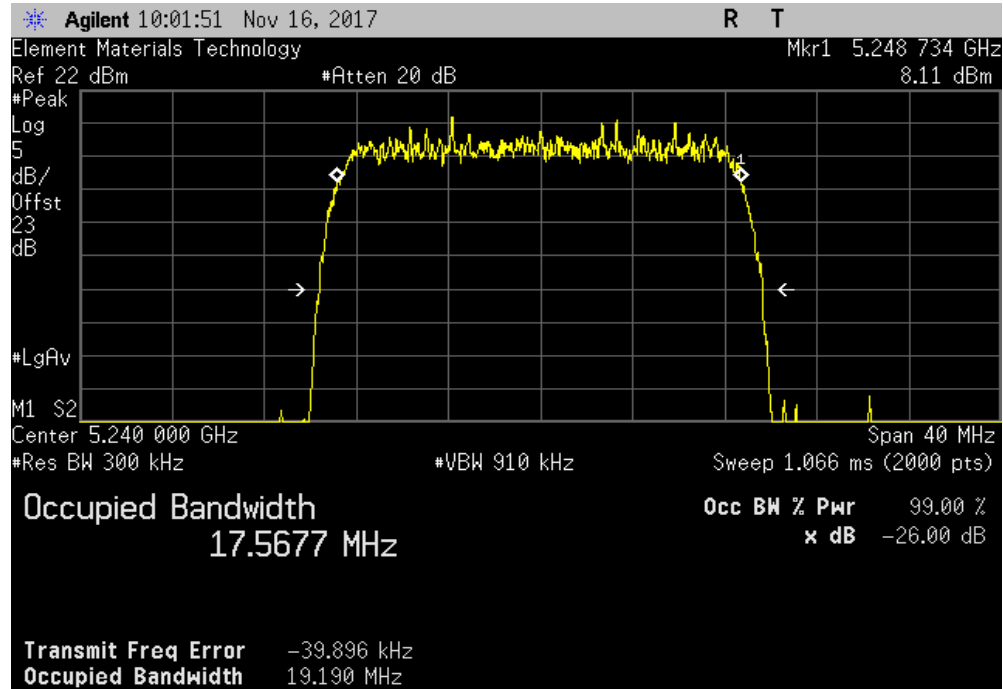
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

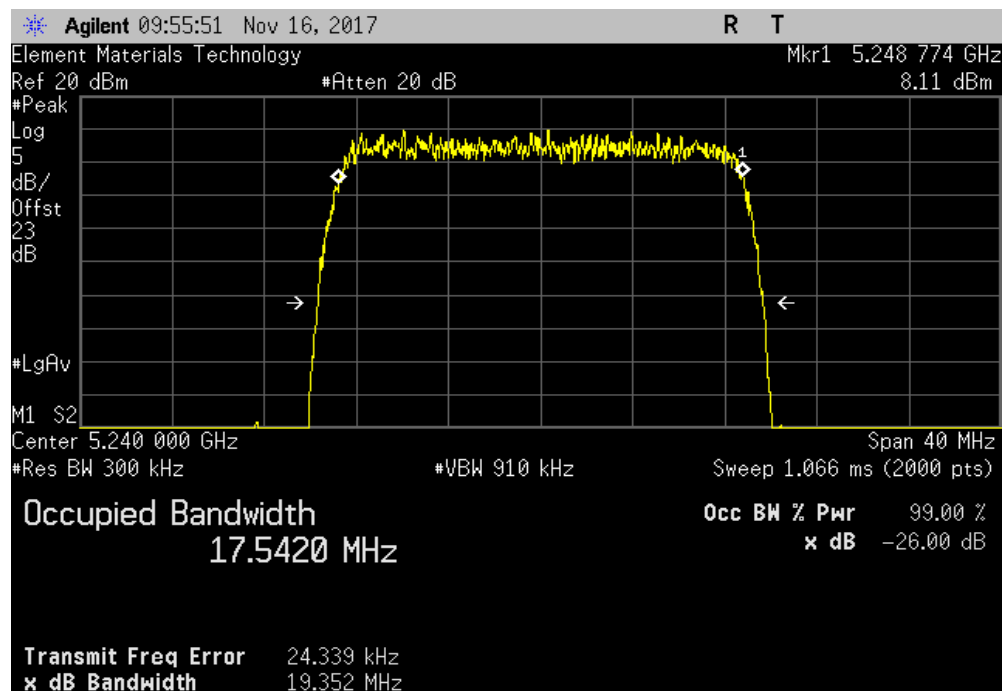
5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 16-QAM, Radio 1, Port RF0

	Value	Limit	Result
	5248.734 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 16-QAM, Radio 2, Port RF0

	Value	Limit	Result
	5248.774 MHz	< 5250 MHz	Pass



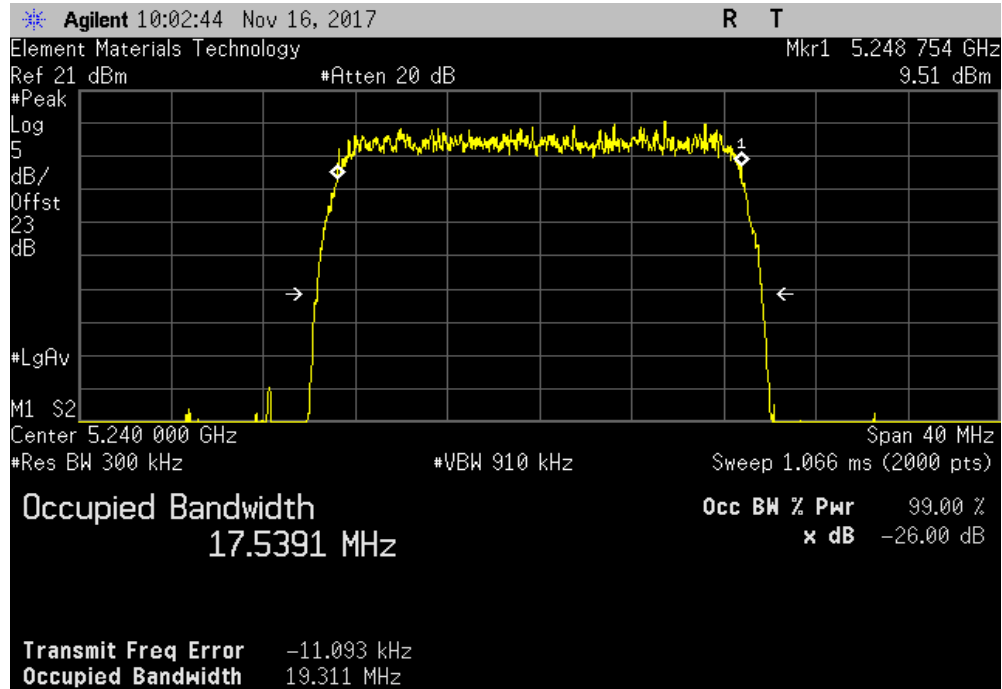
BAND EDGE 5.2GHz



TMTX 2017.10.04 XMM 2017.09.21

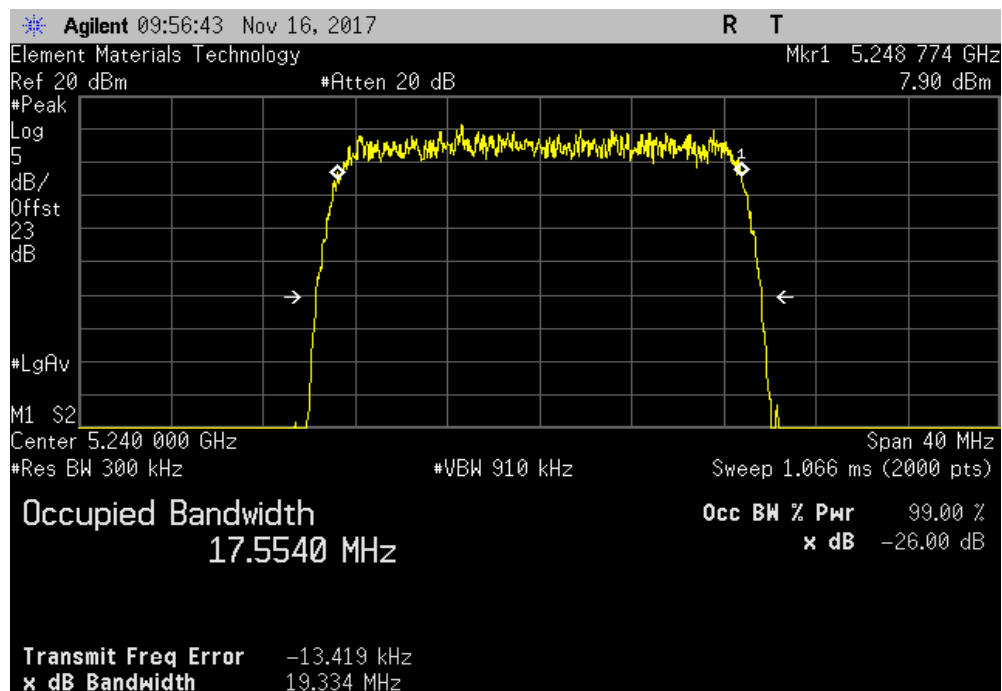
5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 64-QAM, Radio 1, Port RF0

Value	Limit	Result
5248.754 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 64-QAM, Radio 2, Port RF0

Value	Limit	Result
5248.774 MHz	< 5250 MHz	Pass



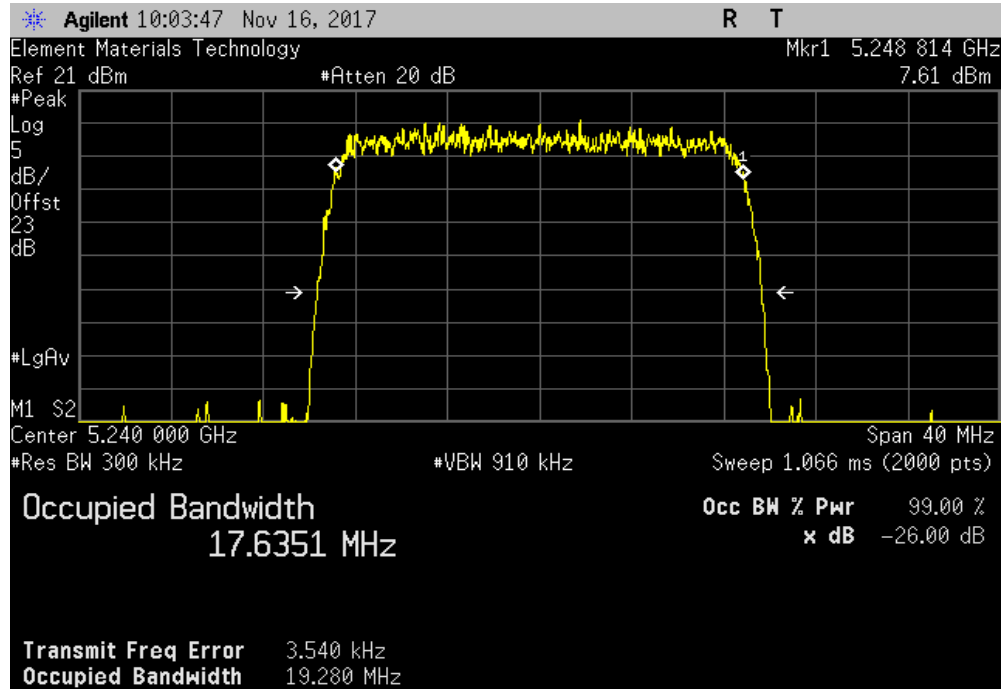
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

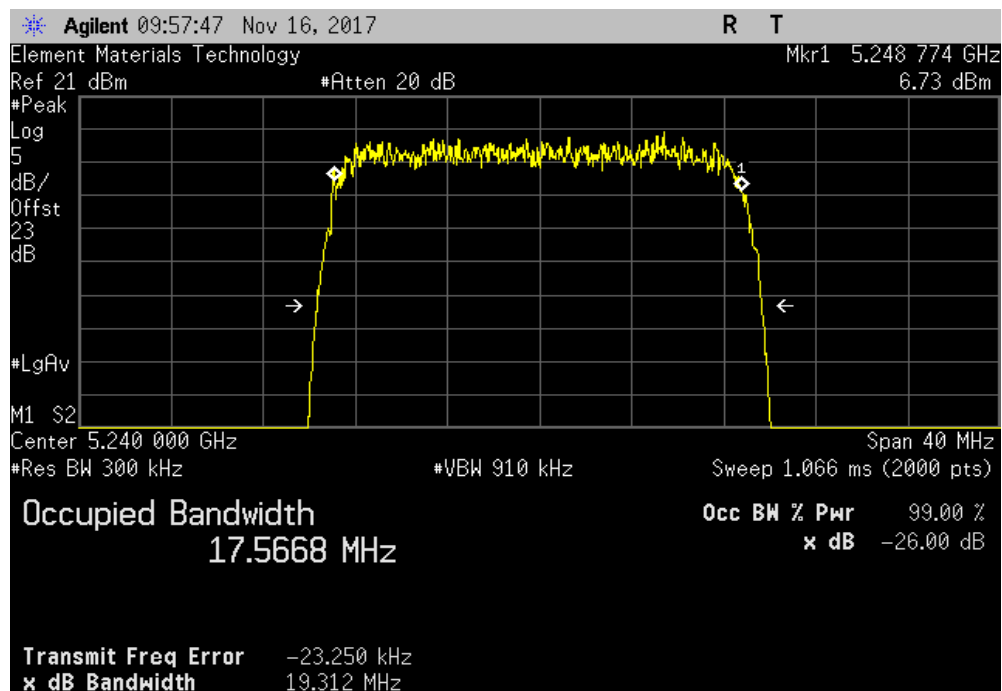
5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 256-QAM, Radio 1, Port RFO

Value	Limit	Result
5248.814 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 256-QAM, Radio 2, Port RFO

Value	Limit	Result
5248.774 MHz	< 5250 MHz	Pass



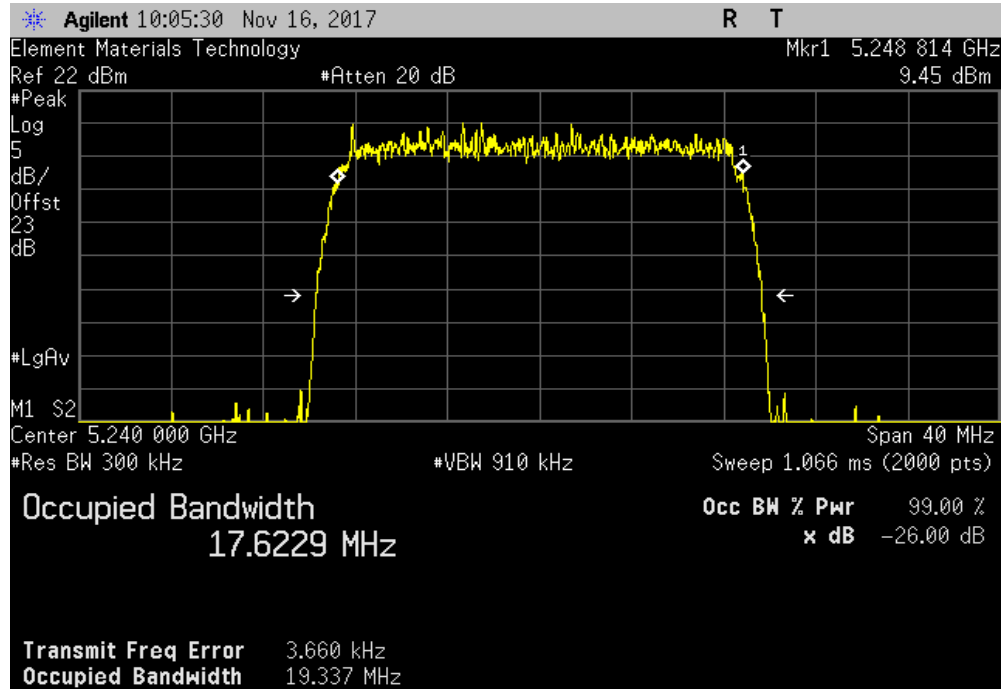
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

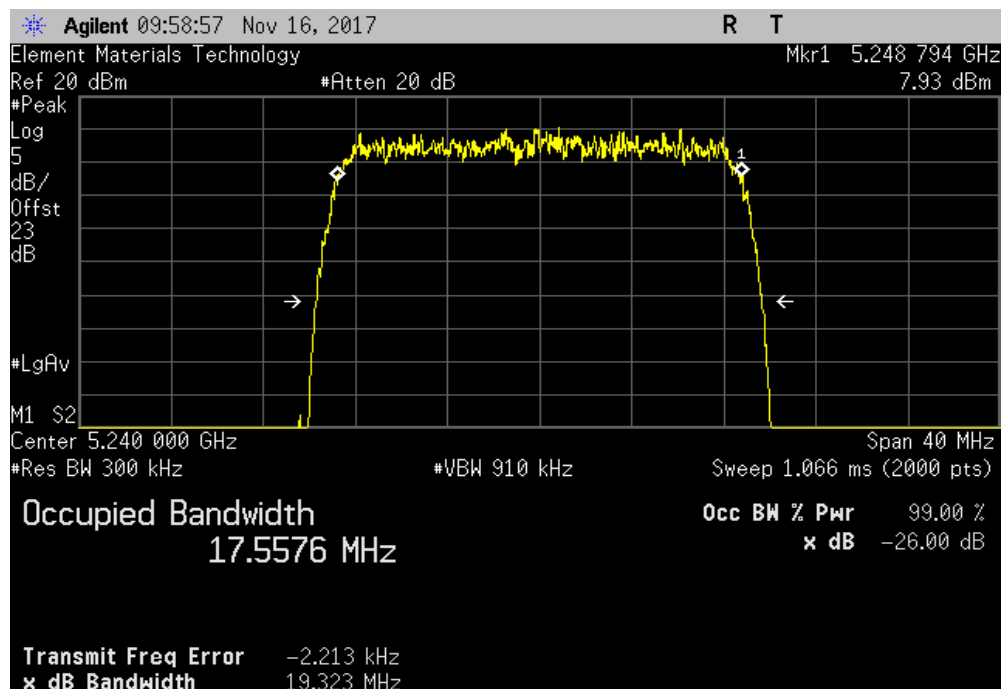
5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 1024-QAM, Radio 1, Port RF0

Value	Limit	Result
5248.814 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5240 MHz), 20 MHz BW, 1024-QAM, Radio 2, Port RF0

Value	Limit	Result
5248.794 MHz	< 5250 MHz	Pass



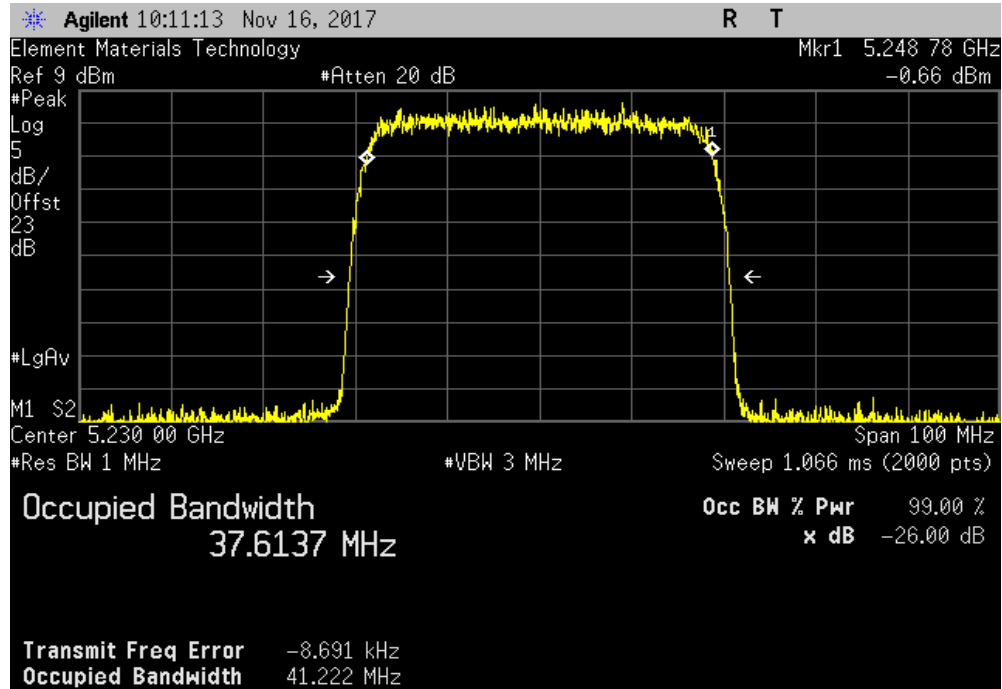
BAND EDGE 5.2GHz



TMTX 2017.10.04 XMM 2017.09.21

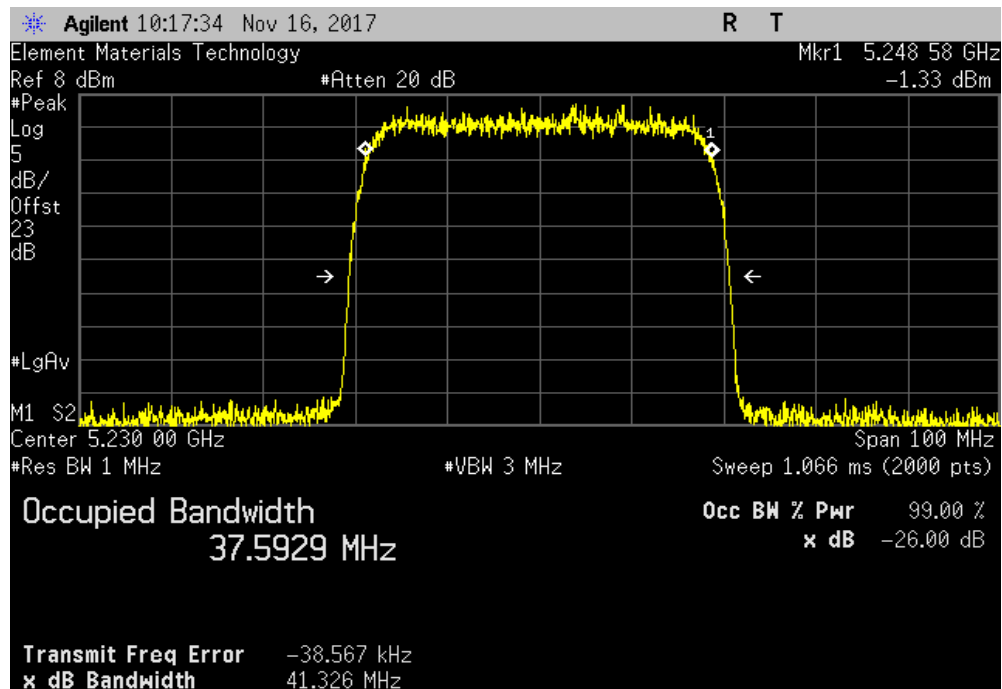
5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 4-QAM, Radio 1, Port RF0

Value	Limit	Result
5248.78 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 4-QAM, Radio 2, Port RF0

Value	Limit	Result
5248.58 MHz	< 5250 MHz	Pass



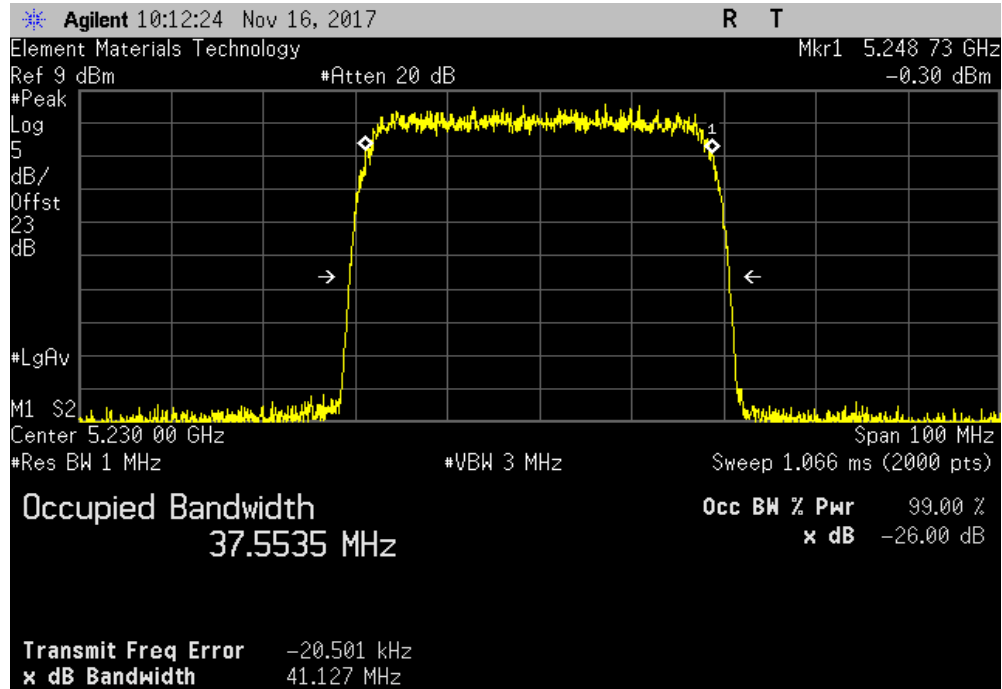
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

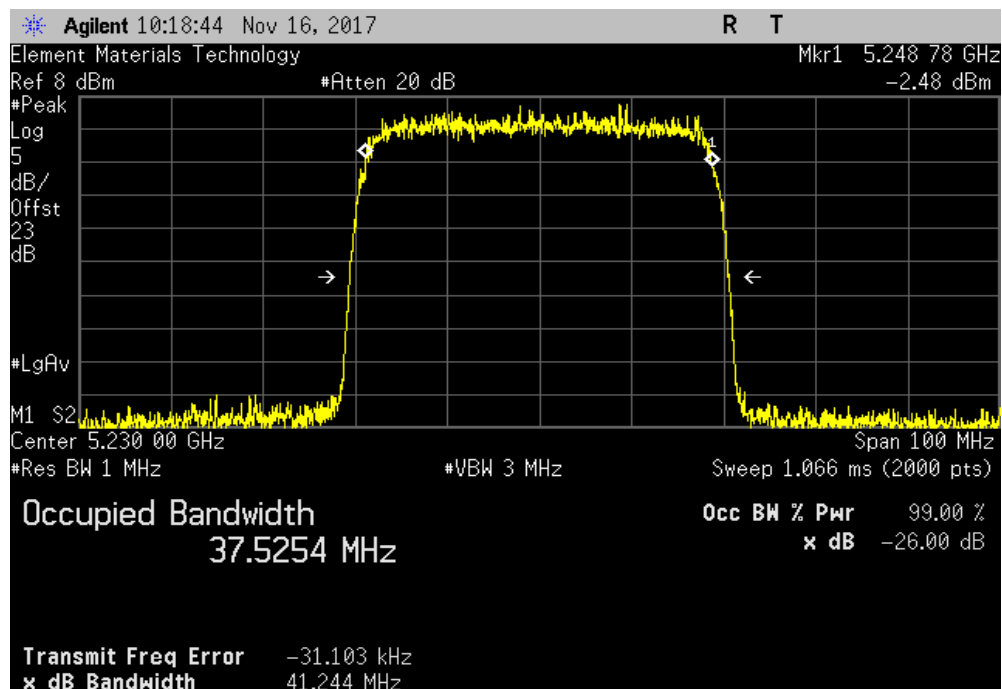
5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 16-QAM, Radio 1, Port RF0

Value	Limit	Result
5248.73 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 16-QAM, Radio 2, Port RF0

Value	Limit	Result
5248.78 MHz	< 5250 MHz	Pass



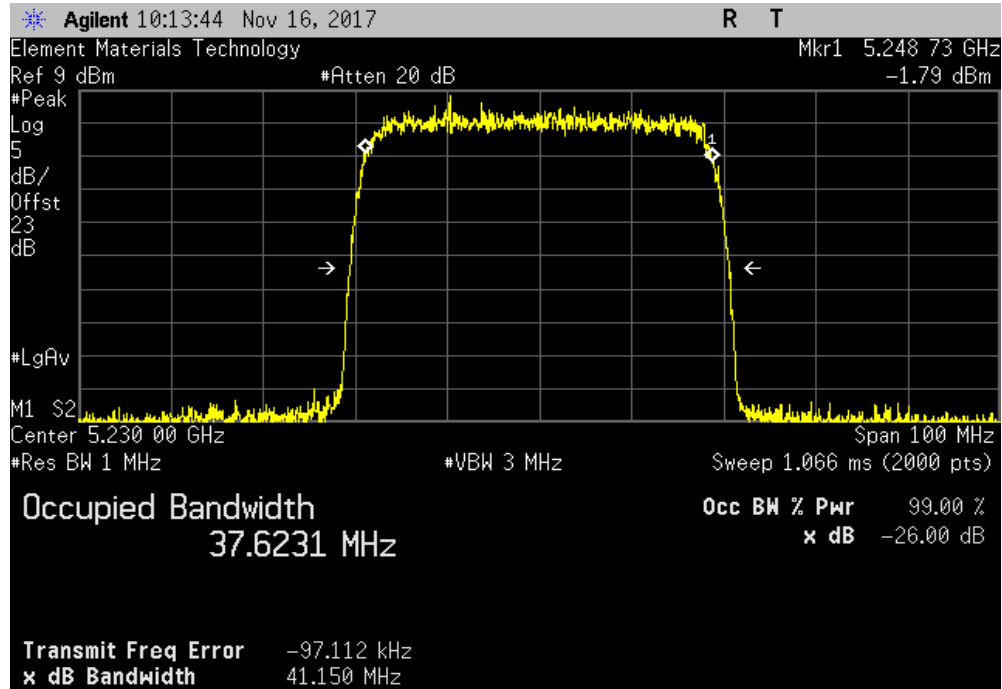
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

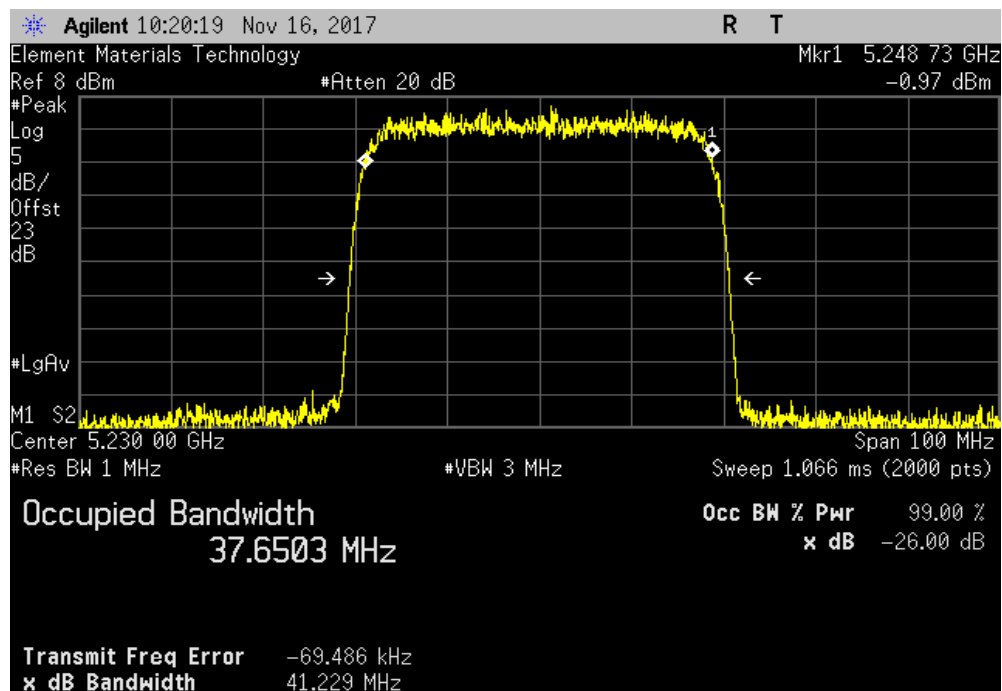
5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 64-QAM, Radio 1, Port RF0

Value	Limit	Result
5248.73 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 64-QAM, Radio 2, Port RF0

Value	Limit	Result
5248.73 MHz	< 5250 MHz	Pass



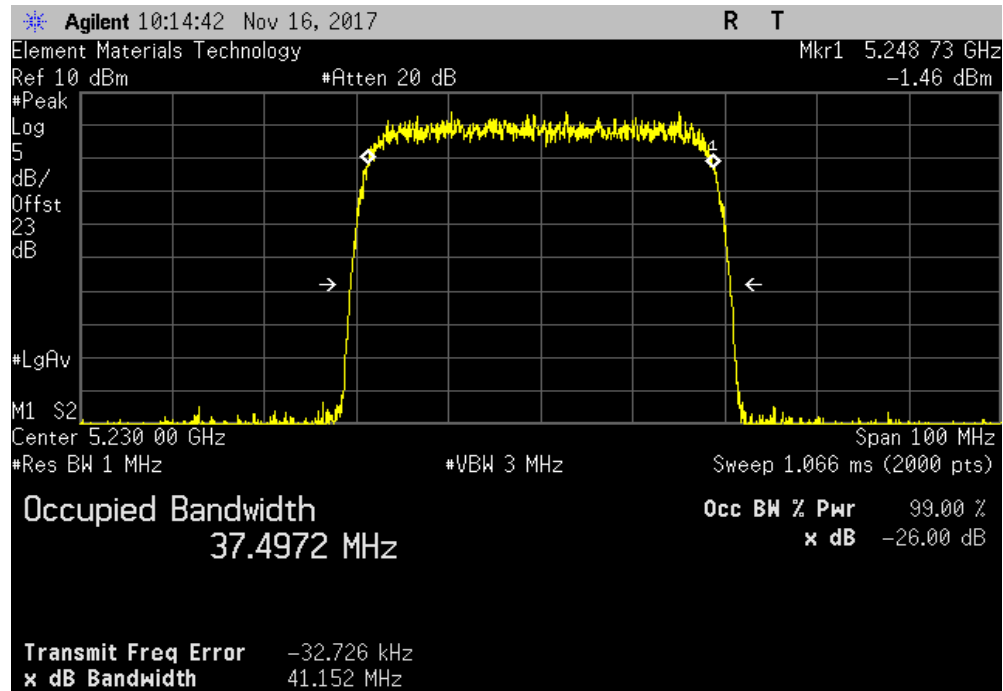
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

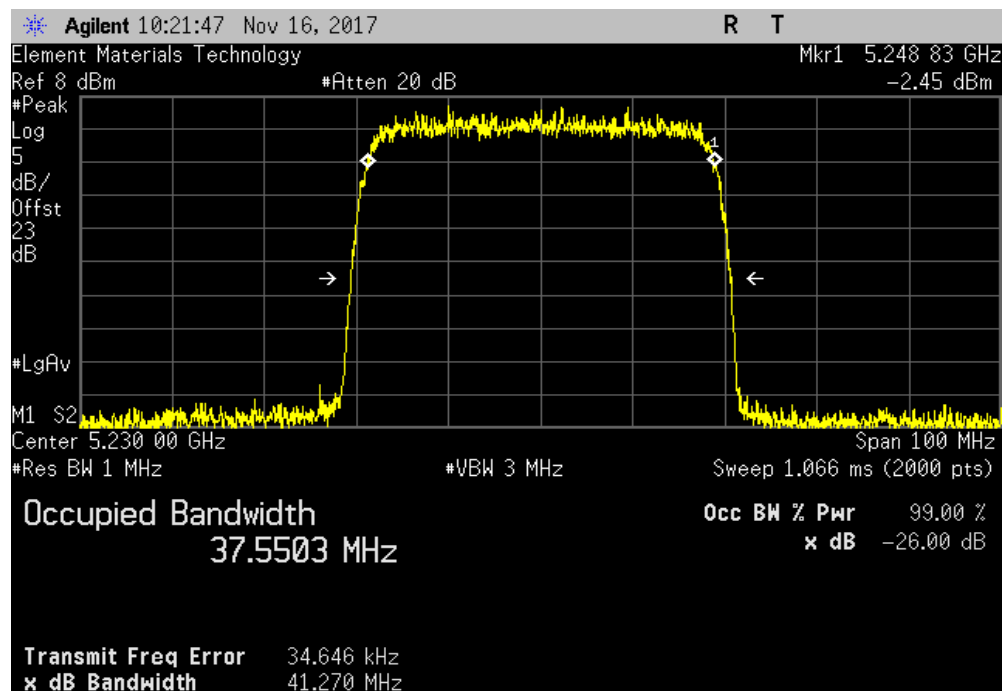
5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 256-QAM, Radio 1, Port RFO

Value	Limit	Result
5248.73 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 256-QAM, Radio 2, Port RFO

Value	Limit	Result
5248.83 MHz	< 5250 MHz	Pass



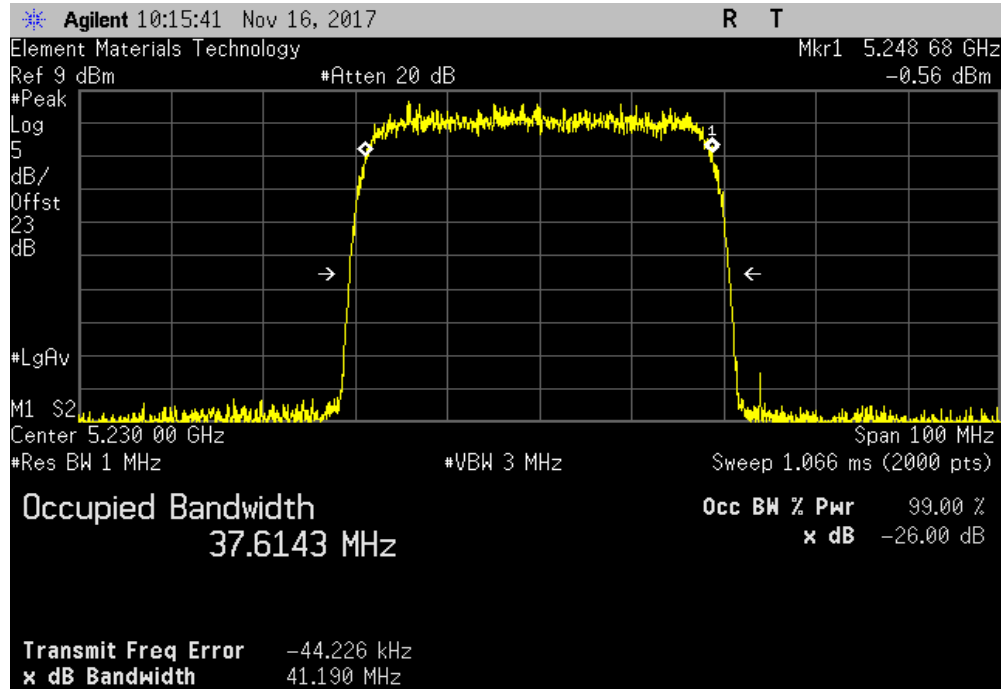
BAND EDGE 5.2GHz



TMTx 2017.10.04 XMM 2017.09.21

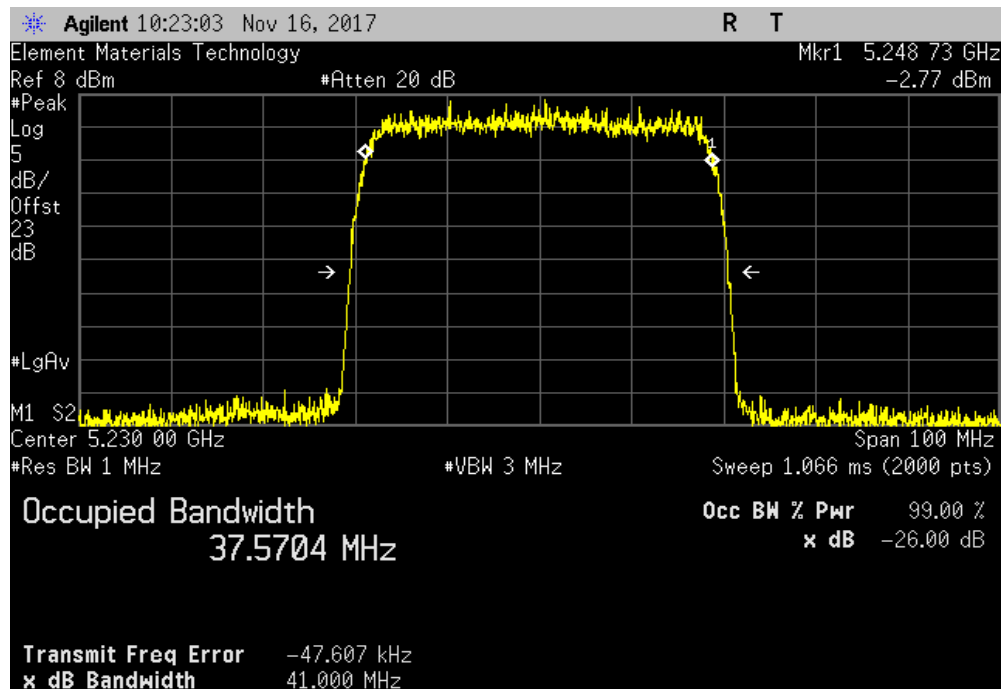
5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 1024-QAM, Radio 1, Port RF0

Value	Limit	Result
5248.68 MHz	< 5250 MHz	Pass



5150 - 5250 MHz Band, High Channel (5230 MHz), 40 MHz BW, 1024-QAM, Radio 2, Port RF0

Value	Limit	Result
5248.73 MHz	< 5250 MHz	Pass



BAND EDGE 5.8GHz



XMIT 2017.09.21

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	Fairview Microwave	SA18S5W-20	RFX	12-Jun-17	12-Jun-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The 99% emission bandwidth of the carrier was measured to ensure that no part of the emission of the carrier operating in a non-DFS band was operating in a band where DFS testing is required. This test is done with the U-NII-1 band (5.2 GHz band) to ensure no portion of the carrier is contained within the U-NII-2A band and with the U-NII-3 band (5.8 GHz band) to ensure no portion of the carrier is contained in the U-NII-2C band.

The transmit frequencies and data rates listed in the datasheet were measured.

The transmit power was set to its default maximum.

BAND EDGE 5.8GHz



THx 2017.10.04 XMI 2017.09.21

EUT: M4-2000		Work Order: MAX40003	
Serial Number: 33		Date: 16-Nov-17	
Customer: Kwikbit, Inc.		Temperature: 22.2 °C	
Attendees: None		Humidity: 24.4% RH	
Project: None		Barometric Pres.: 1026 mbar	
Tested by: Dustin Sparks		Power: 110VAC/60Hz	
		Job Site: MN08	
TEST SPECIFICATIONS		Test Method	
FCC 15.407:2017		ANSI C63.10:2013	
COMMENTS			
None			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	2	Signature <i>Dustin Sparks</i>	

		Value	Limit	Result
5725 - 5825 MHz Band				
Low Channel (5735 MHz), 10 MHz BW				
4-QAM				
	Radio 1, Port RF0	5730.388 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5730.368 MHz	> 5725 MHz	Pass
16-QAM				
	Radio 1, Port RF0	5730.355 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5730.328 MHz	> 5725 MHz	Pass
64-QAM				
	Radio 1, Port RF0	5730.362 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5730.368 MHz	> 5725 MHz	Pass
256-QAM				
	Radio 1, Port RF0	5730.375 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5730.408 MHz	> 5725 MHz	Pass
1024-QAM				
	Radio 1, Port RF0	5730.382 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5730.388 MHz	> 5725 MHz	Pass
Low Channel (5735 MHz), 20 MHz BW				
4-QAM				
	Radio 1, Port RF0	5726.218 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5726.136 MHz	> 5725 MHz	Pass
16-QAM				
	Radio 1, Port RF0	5726.230 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5726.288 MHz	> 5725 MHz	Pass
64-QAM				
	Radio 1, Port RF0	5726.230 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5726.230 MHz	> 5725 MHz	Pass
256-QAM				
	Radio 1, Port RF0	5726.218 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5726.195 MHz	> 5725 MHz	Pass
1024-QAM				
	Radio 1, Port RF0	5726.183 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5726.241 MHz	> 5725 MHz	Pass
Low Channel (5755 MHz), 40 MHz BW				
4-QAM				
	Radio 1, Port RF0	5736.28 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5736.24 MHz	> 5725 MHz	Pass
16-QAM				
	Radio 1, Port RF0	5736.28 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5736.21 MHz	> 5725 MHz	Pass
64-QAM				
	Radio 1, Port RF0	5736.21 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5736.31 MHz	> 5725 MHz	Pass
256-QAM				
	Radio 1, Port RF0	5736.31 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5736.38 MHz	> 5725 MHz	Pass
1024-QAM				
	Radio 1, Port RF0	5736.24 MHz	> 5725 MHz	Pass
	Radio 2, Port RF0	5736.34 MHz	> 5725 MHz	Pass

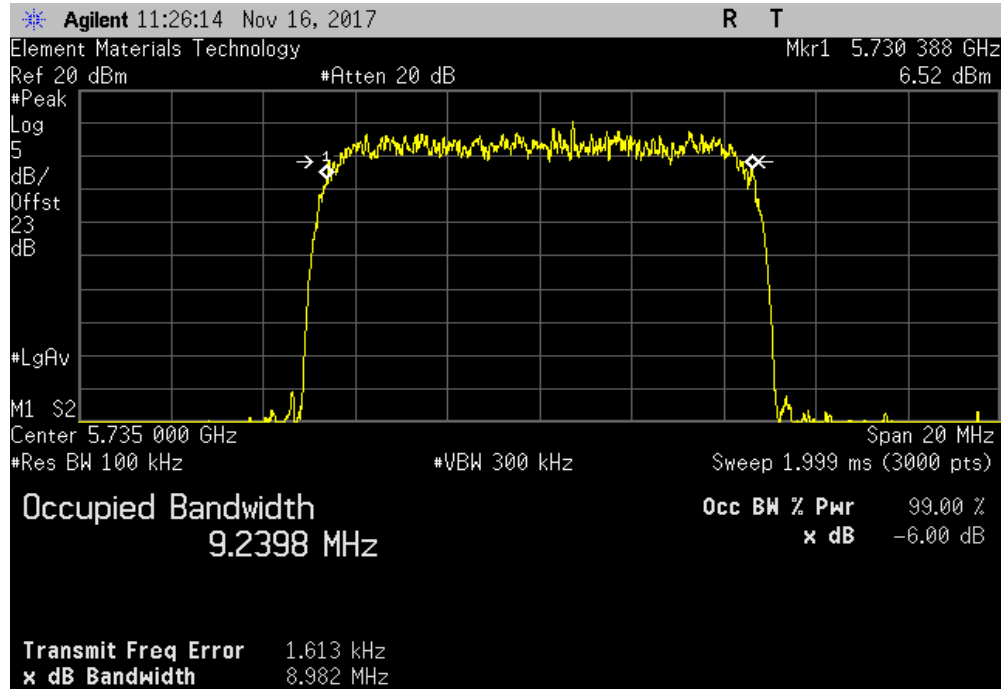
BAND EDGE 5.8GHz



TMTx 2017.10.04 XMM 2017.09.21

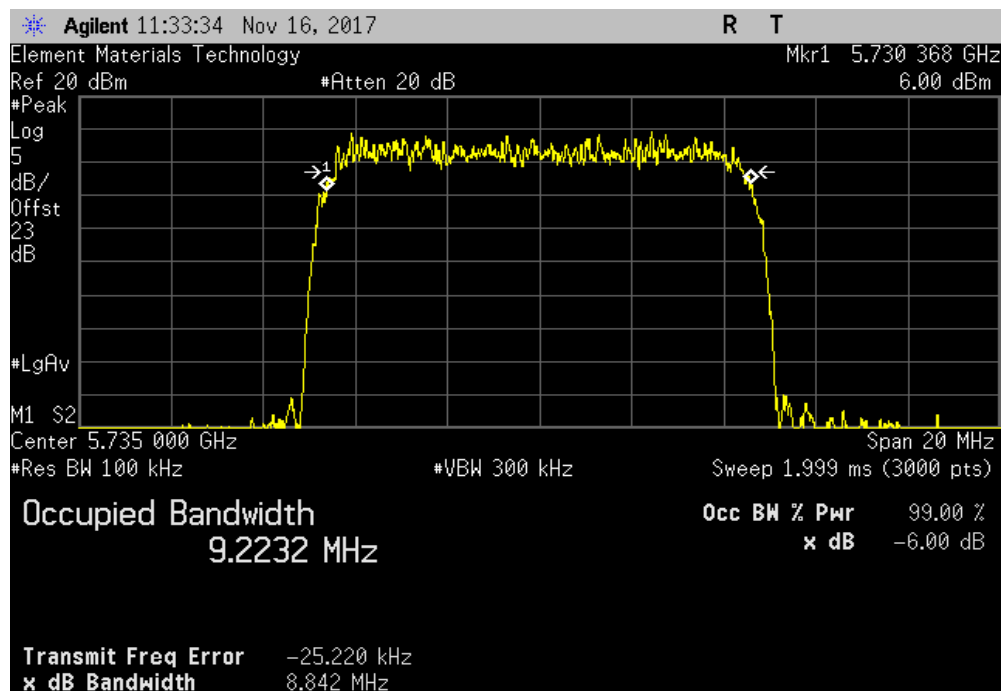
5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 4-QAM, Radio 1, Port RF0

	Value	Limit	Result
	5730.388 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 4-QAM, Radio 2, Port RF0

	Value	Limit	Result
	5730.368 MHz	> 5725 MHz	Pass



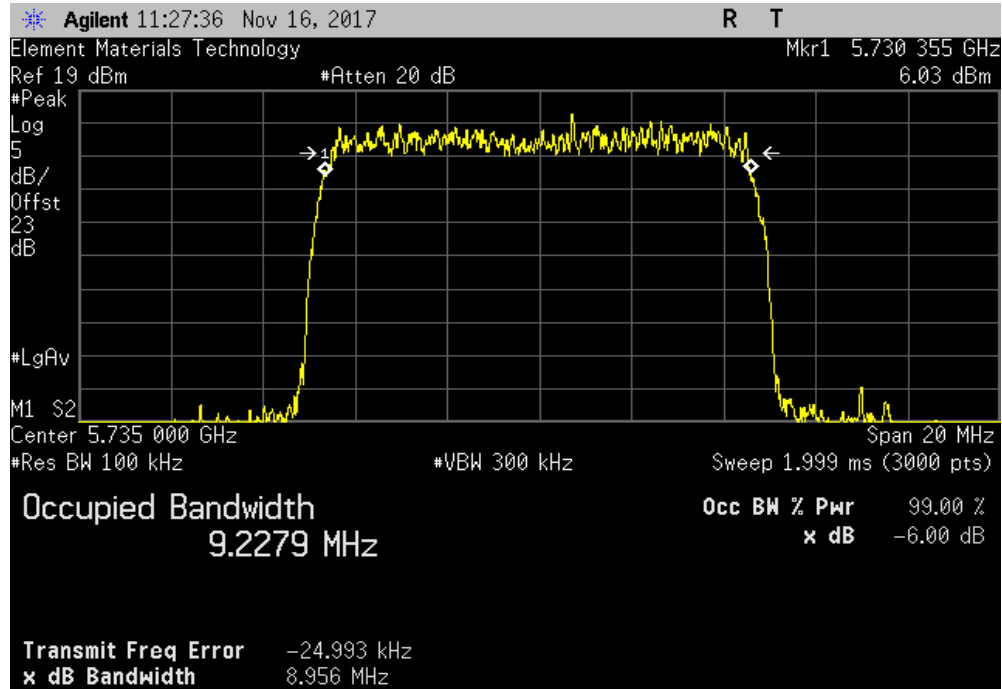
BAND EDGE 5.8GHz



TMTx 2017.10.04 XMM 2017.09.21

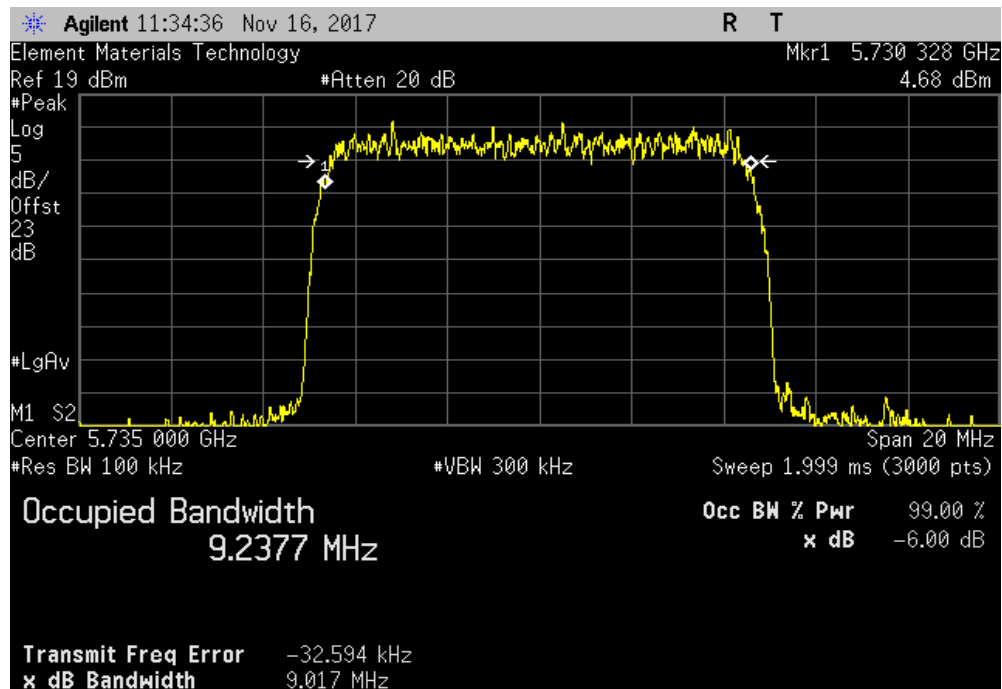
5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 16-QAM, Radio 1, Port RF0

Value	Limit	Result
5730.355 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 16-QAM, Radio 2, Port RF0

Value	Limit	Result
5730.328 MHz	> 5725 MHz	Pass



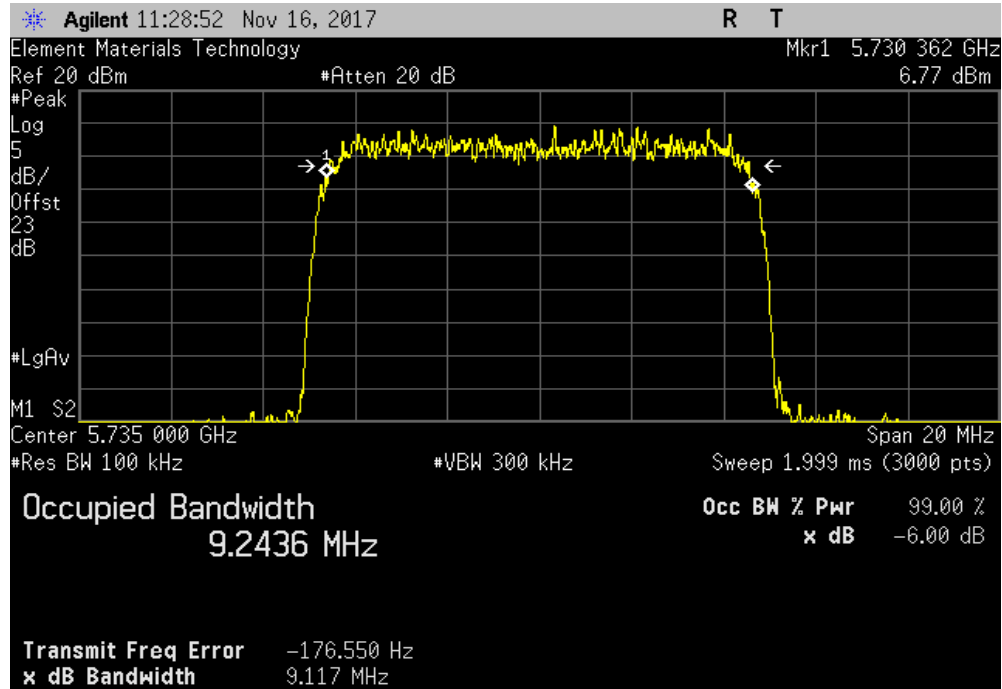
BAND EDGE 5.8GHz



TMTx 2017.10.04 XMM 2017.09.21

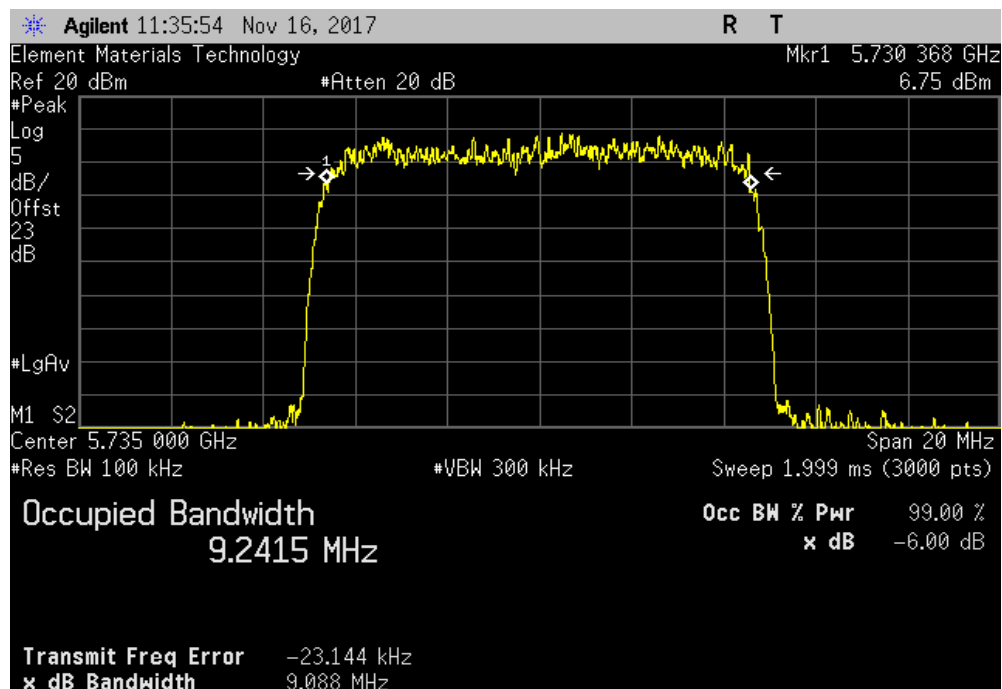
5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 64-QAM, Radio 1, Port RF0

Value	Limit	Result
5730.362 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 64-QAM, Radio 2, Port RF0

Value	Limit	Result
5730.368 MHz	> 5725 MHz	Pass



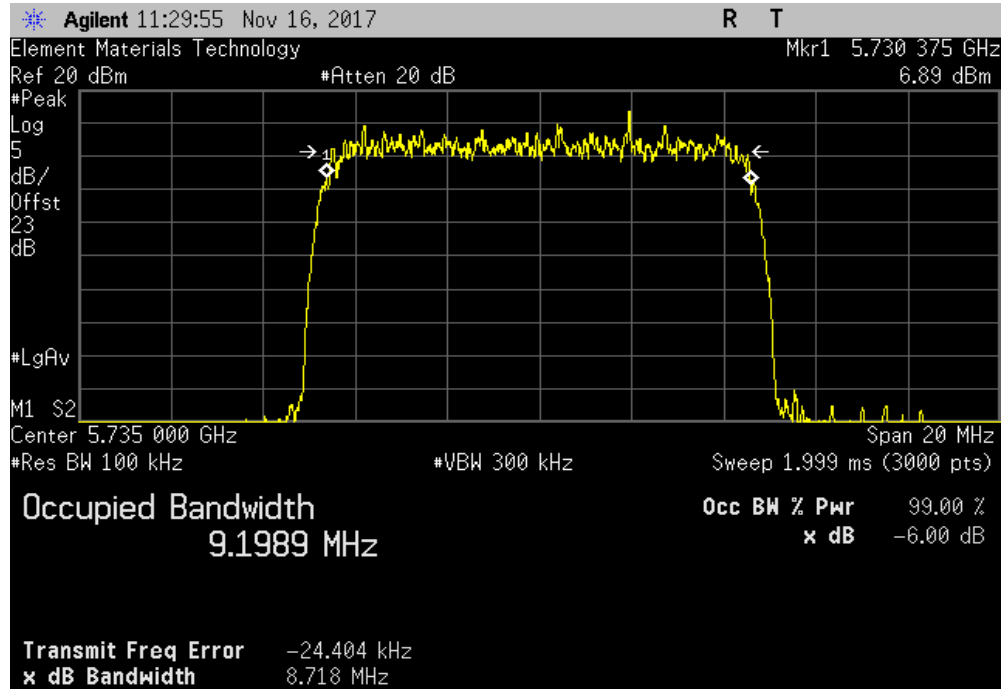
BAND EDGE 5.8GHz



TMTx 2017.10.04 XMM 2017.09.21

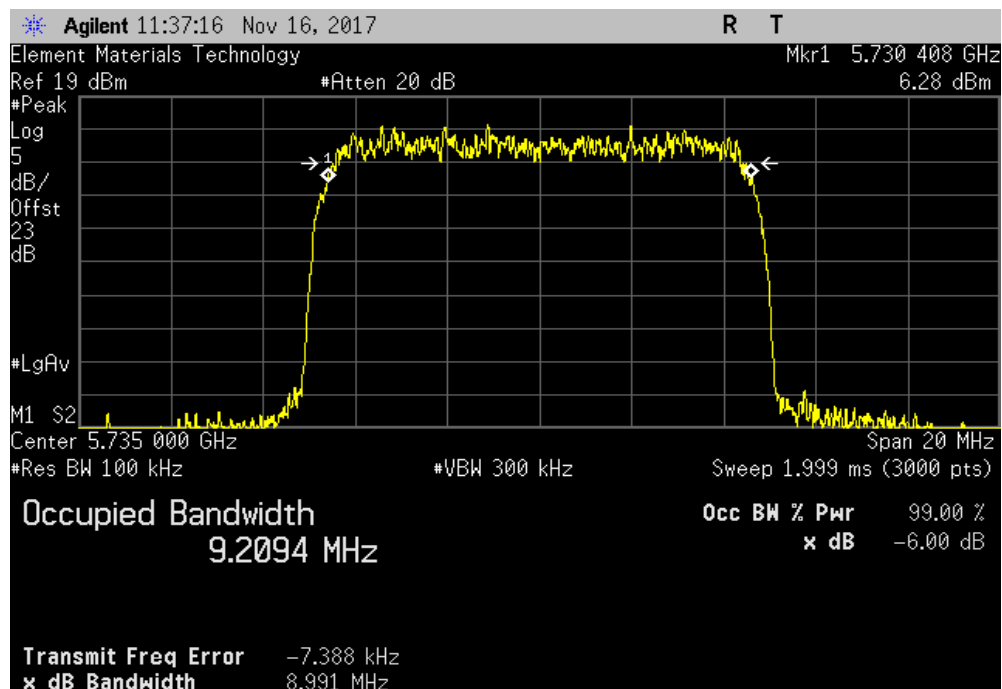
5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 256-QAM, Radio 1, Port RFO

Value	Limit	Result
5730.375 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 256-QAM, Radio 2, Port RFO

Value	Limit	Result
5730.408 MHz	> 5725 MHz	Pass



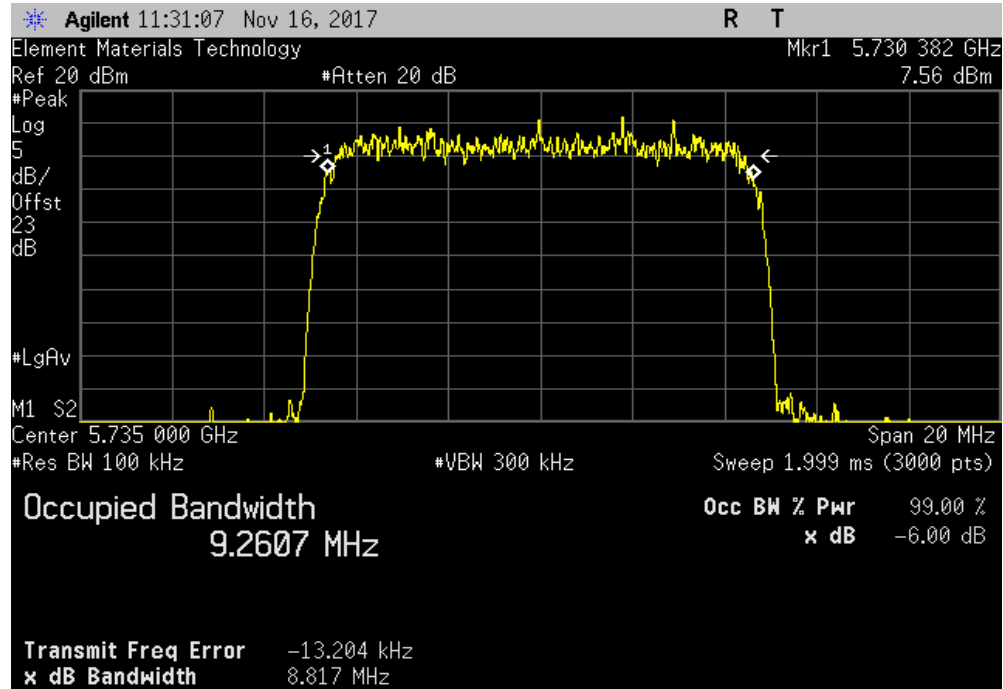
BAND EDGE 5.8GHz



TMTX 2017.10.04 XMM 2017.09.21

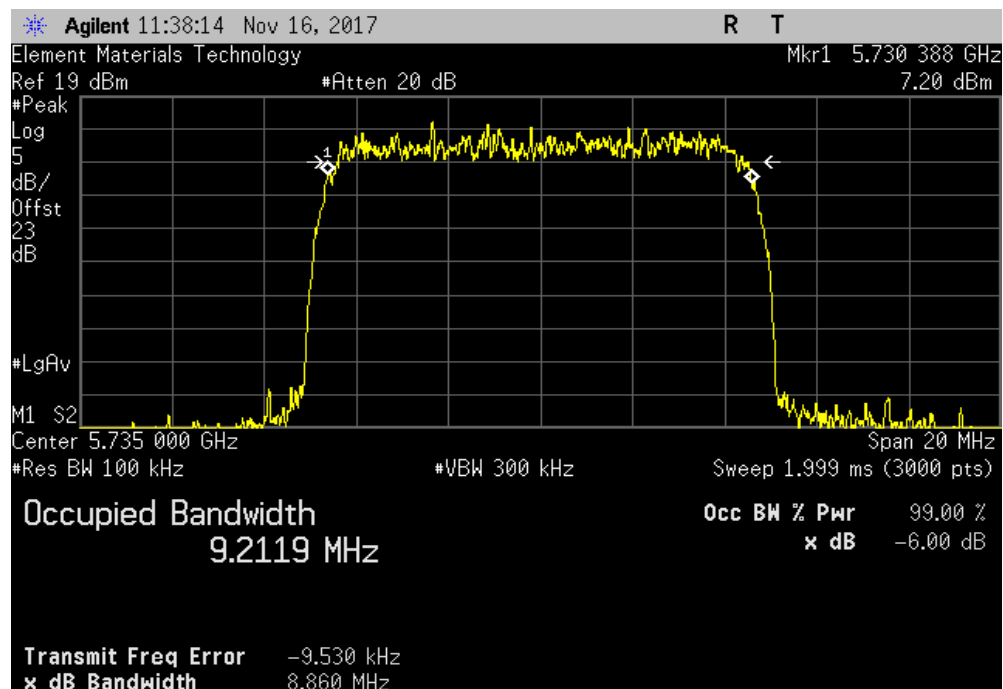
5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 1024-QAM, Radio 1, Port RF0

Value	Limit	Result
5730.382 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 10 MHz BW, 1024-QAM, Radio 2, Port RF0

Value	Limit	Result
5730.388 MHz	> 5725 MHz	Pass



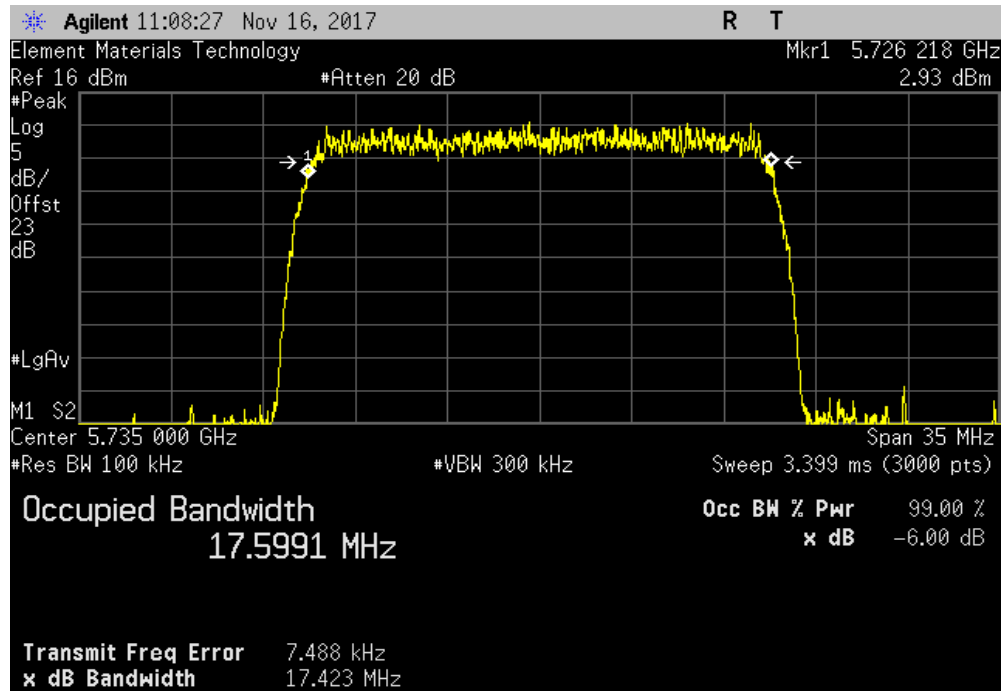
BAND EDGE 5.8GHz



TMTx 2017.10.04 XMM 2017.09.21

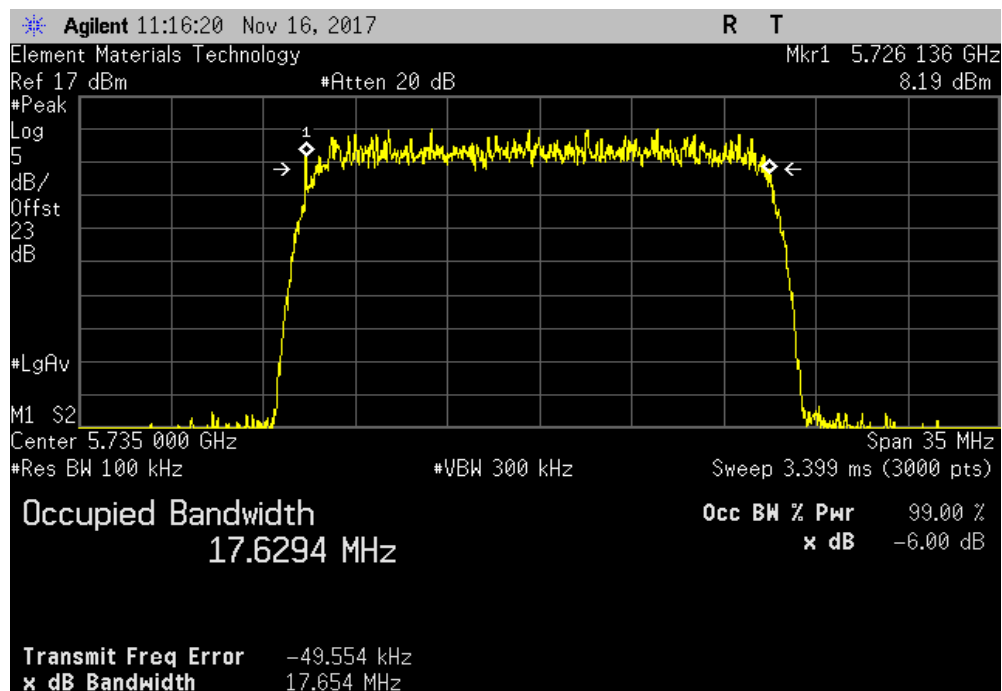
5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 4-QAM, Radio 1, Port RF0

Value	Limit	Result
5726.218 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 4-QAM, Radio 2, Port RF0

Value	Limit	Result
5726.136 MHz	> 5725 MHz	Pass



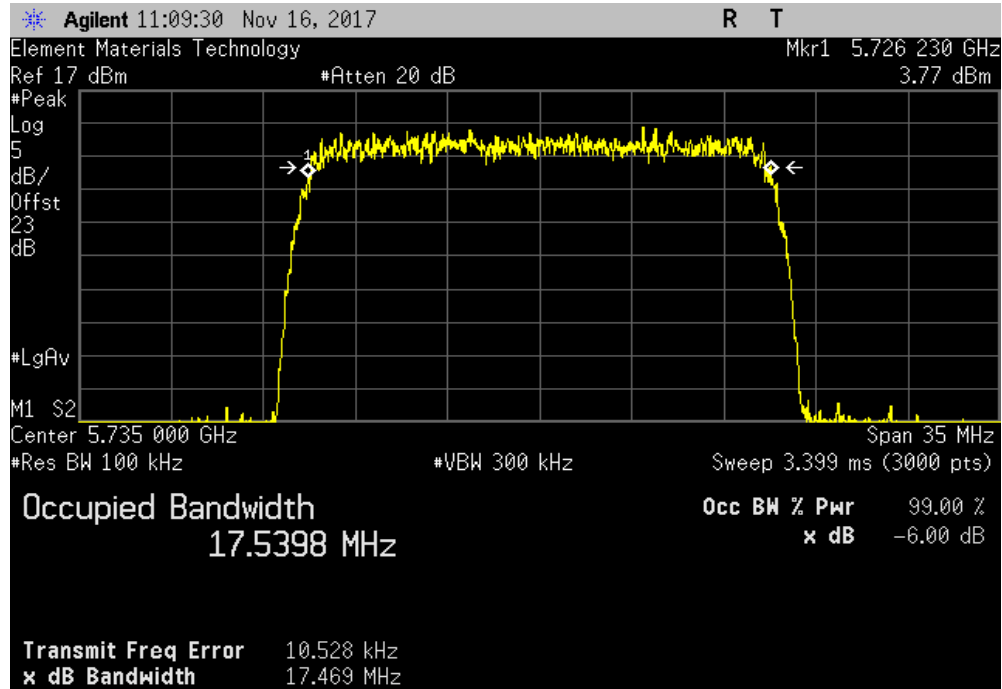
BAND EDGE 5.8GHz



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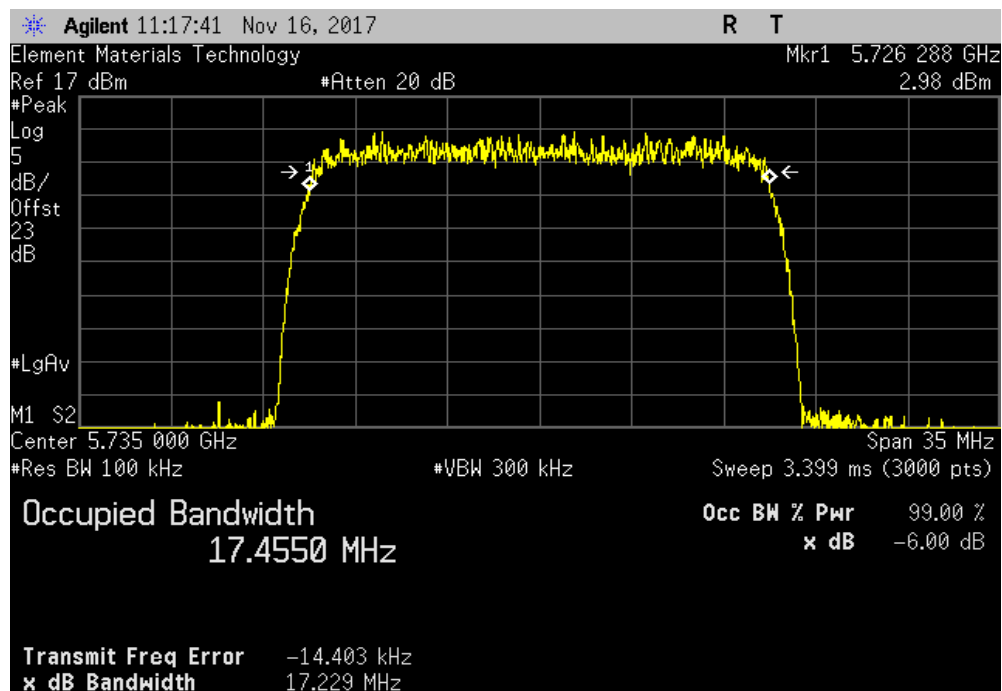
5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 16-QAM, Radio 1, Port RF0

Value	Limit	Result
5726.230 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 16-QAM, Radio 2, Port RF0

Value	Limit	Result
5726.288 MHz	> 5725 MHz	Pass



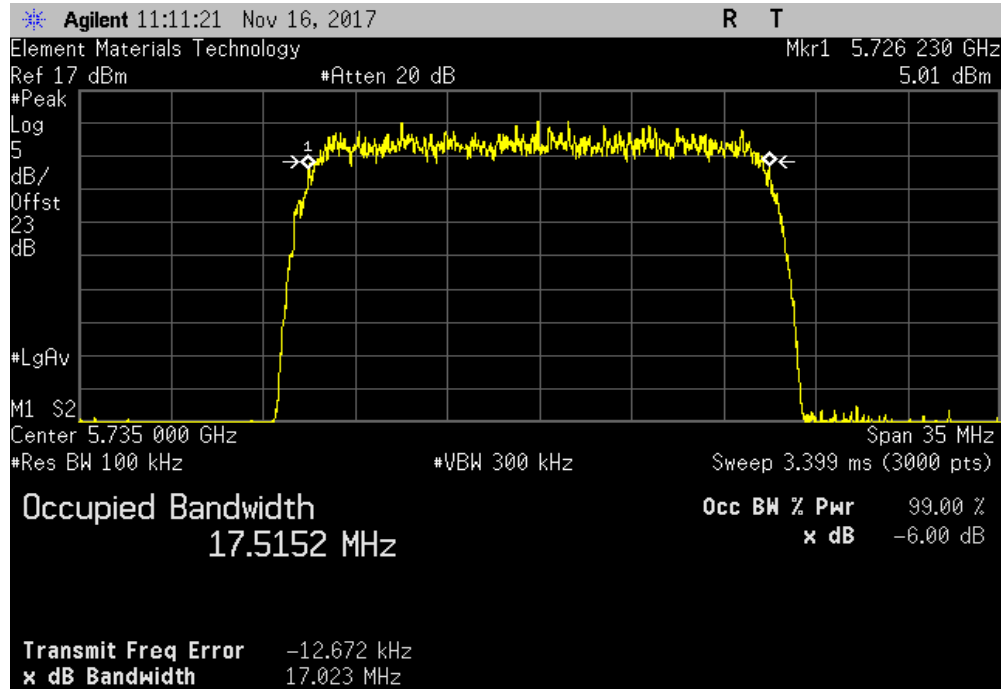
BAND EDGE 5.8GHz



TMTX 2017.10.04 XMM 2017.09.21

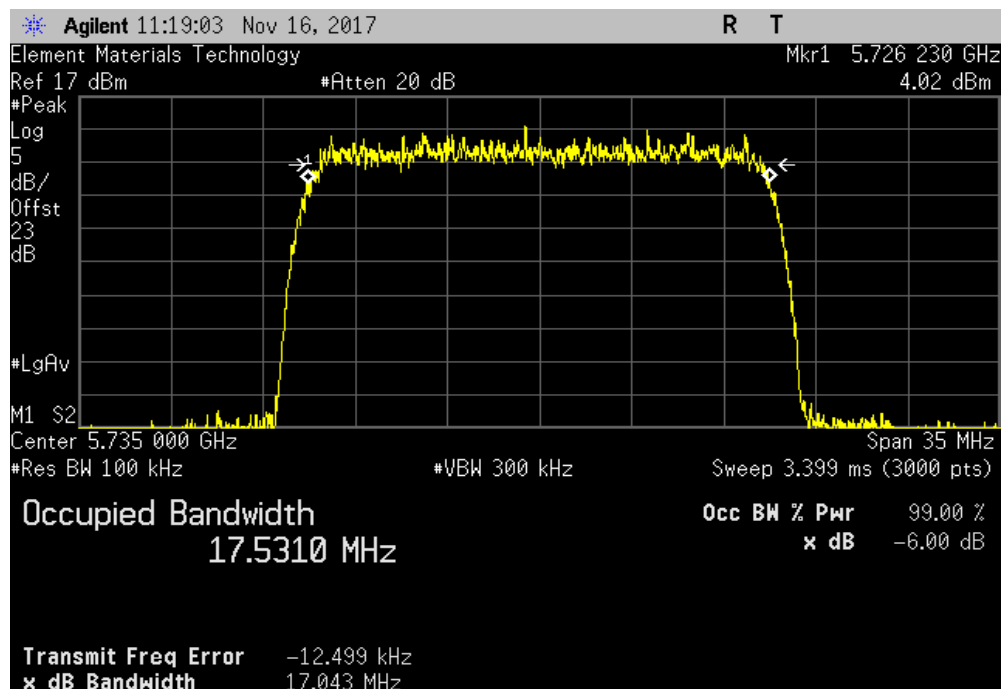
5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 64-QAM, Radio 1, Port RF0

	Value	Limit	Result
	5726.230 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 64-QAM, Radio 2, Port RF0

	Value	Limit	Result
	5726.230 MHz	> 5725 MHz	Pass



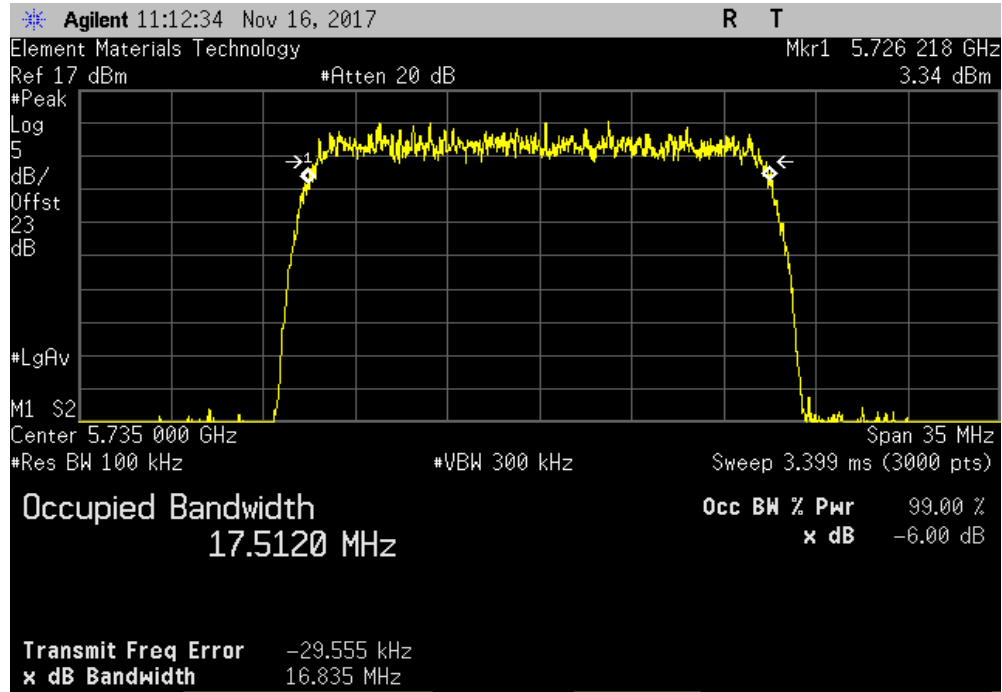
BAND EDGE 5.8GHz



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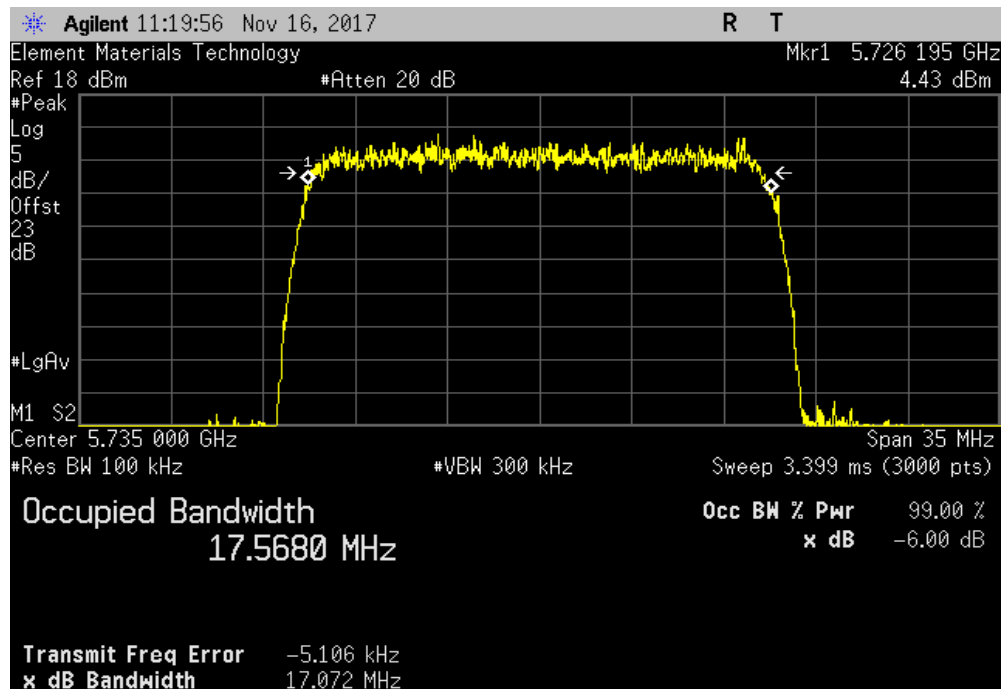
5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 256-QAM, Radio 1, Port RFO

	Value	Limit	Result
	5726.218 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 256-QAM, Radio 2, Port RFO

	Value	Limit	Result
	5726.195 MHz	> 5725 MHz	Pass



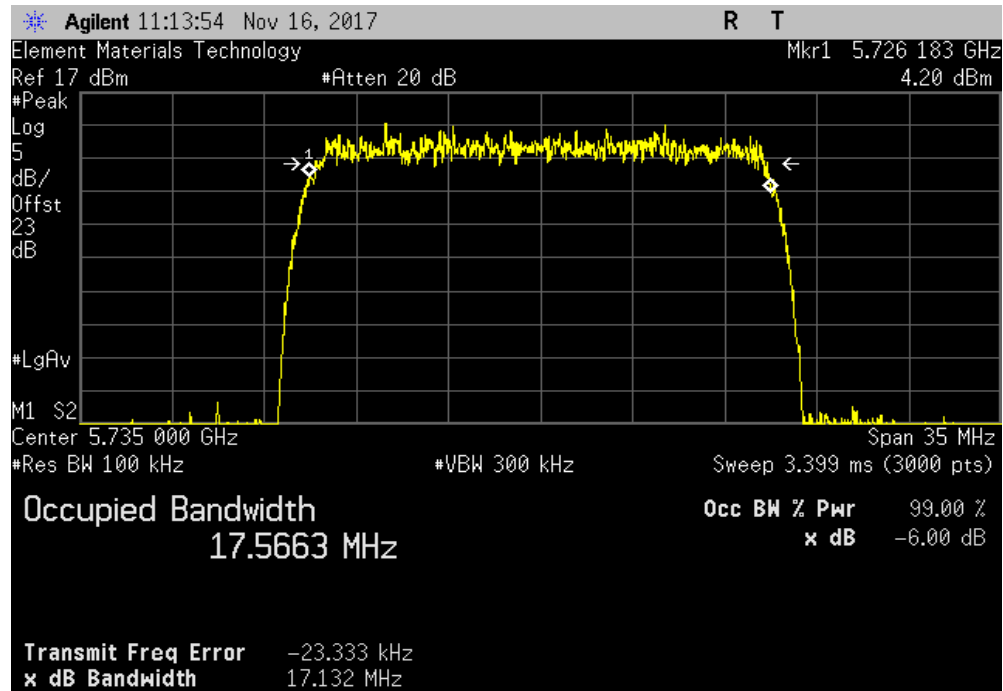
BAND EDGE 5.8GHz



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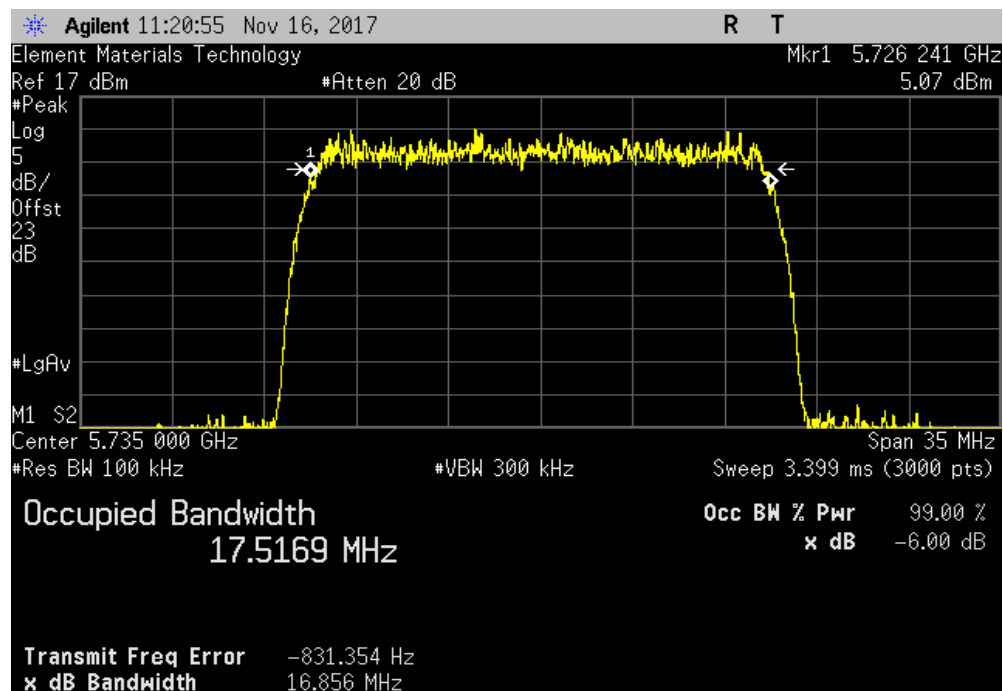
5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 1024-QAM, Radio 1, Port RF0

Value	Limit	Result
5726.183 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5735 MHz), 20 MHz BW, 1024-QAM, Radio 2, Port RF0

Value	Limit	Result
5726.241 MHz	> 5725 MHz	Pass



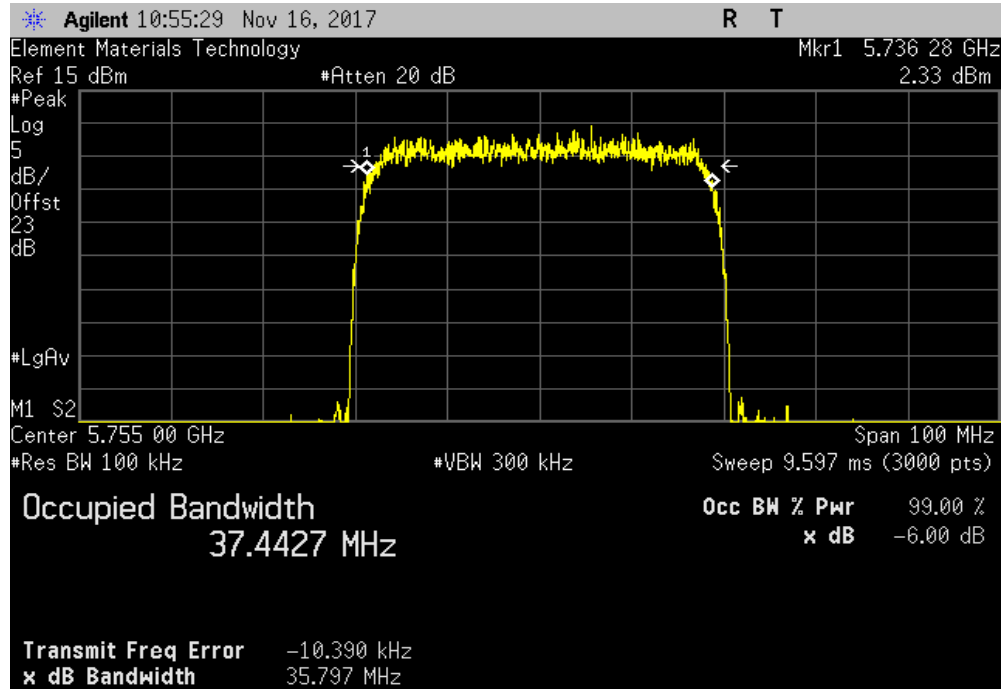
BAND EDGE 5.8GHz



TMTx 2017.10.04 XMM 2017.09.21

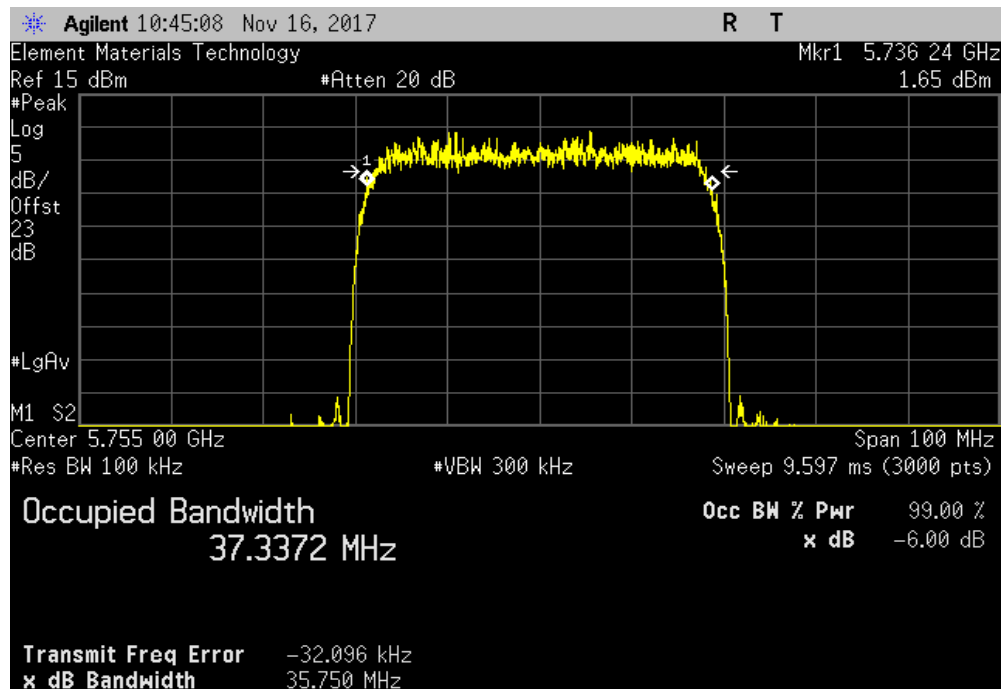
5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 4-QAM, Radio 1, Port RF0

Value	Limit	Result
5736.28 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 4-QAM, Radio 2, Port RF0

Value	Limit	Result
5736.24 MHz	> 5725 MHz	Pass



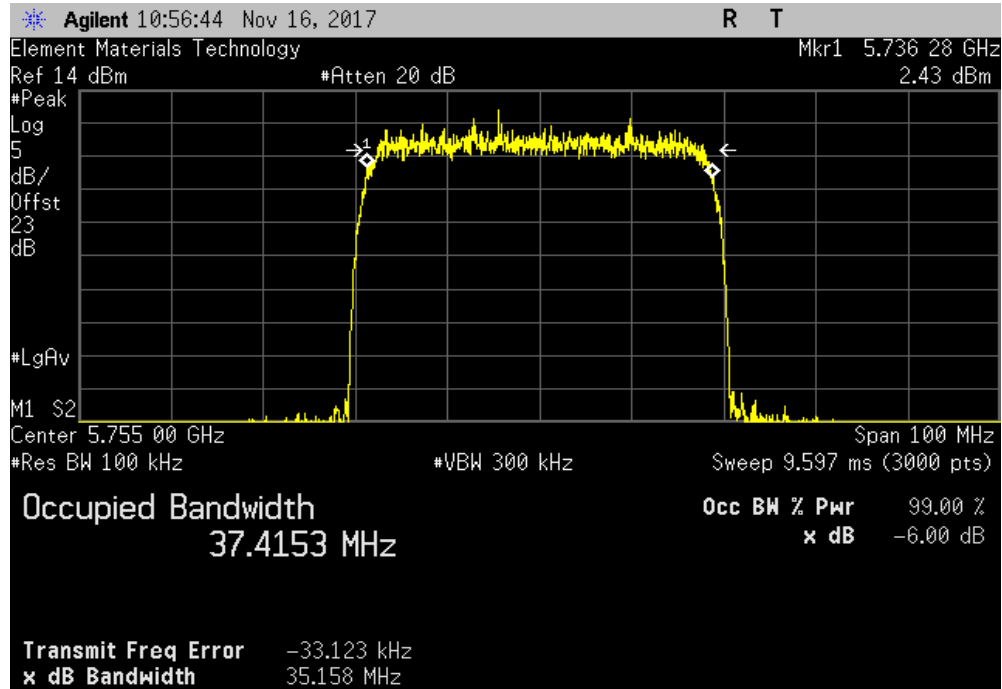
BAND EDGE 5.8GHz



TMTx 2017.10.04 XMM 2017.09.21

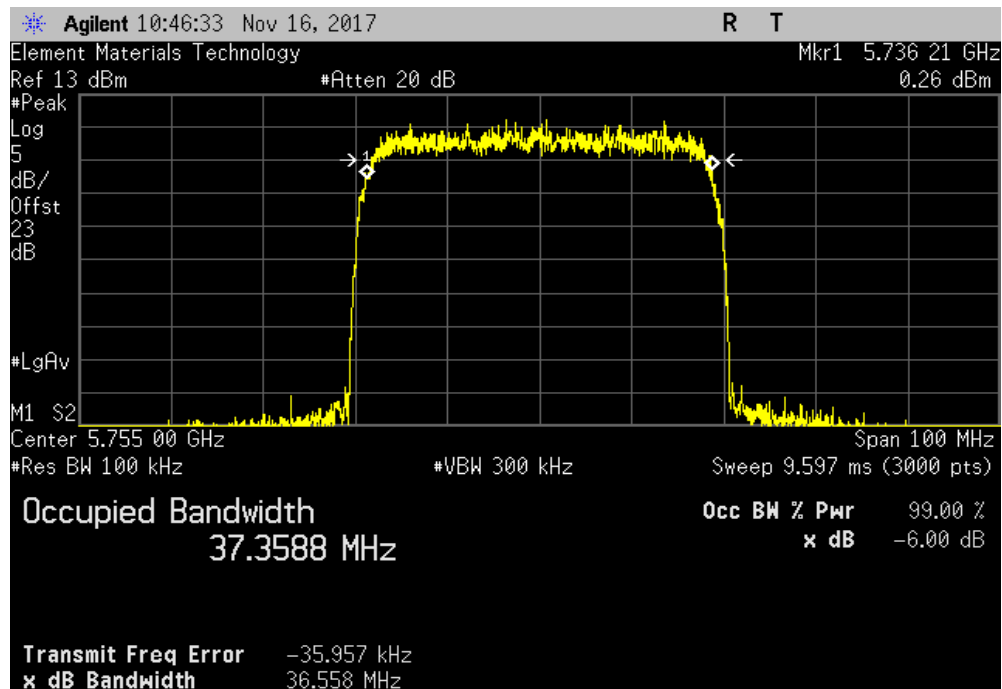
5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 16-QAM, Radio 1, Port RF0

Value	Limit	Result
5736.28 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 16-QAM, Radio 2, Port RF0

Value	Limit	Result
5736.21 MHz	> 5725 MHz	Pass



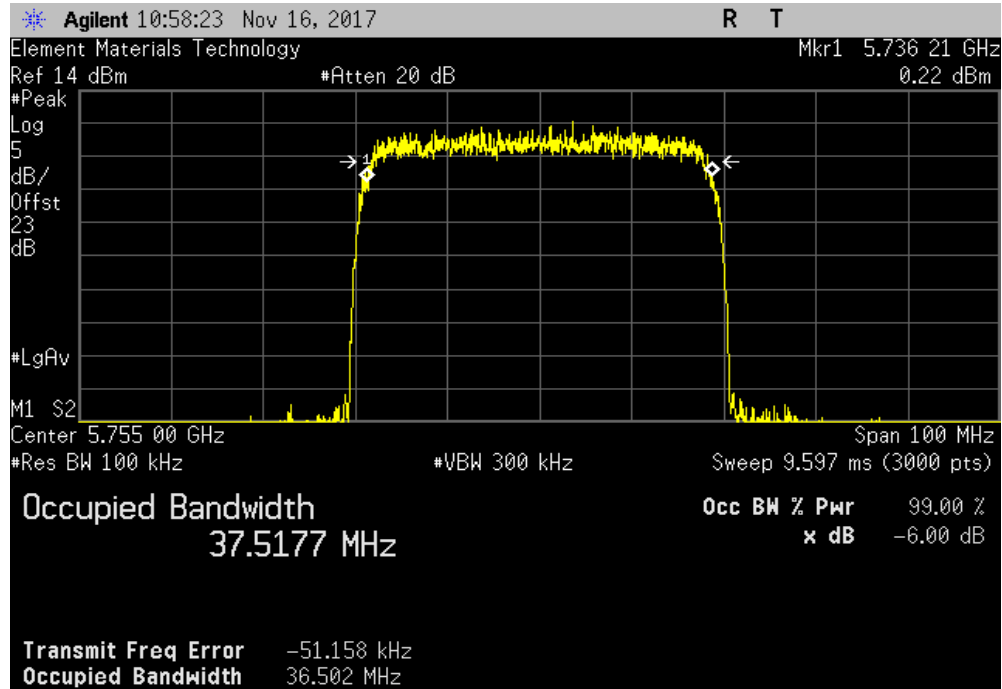
BAND EDGE 5.8GHz



TMTX 2017.10.04 XMM 2017.09.21

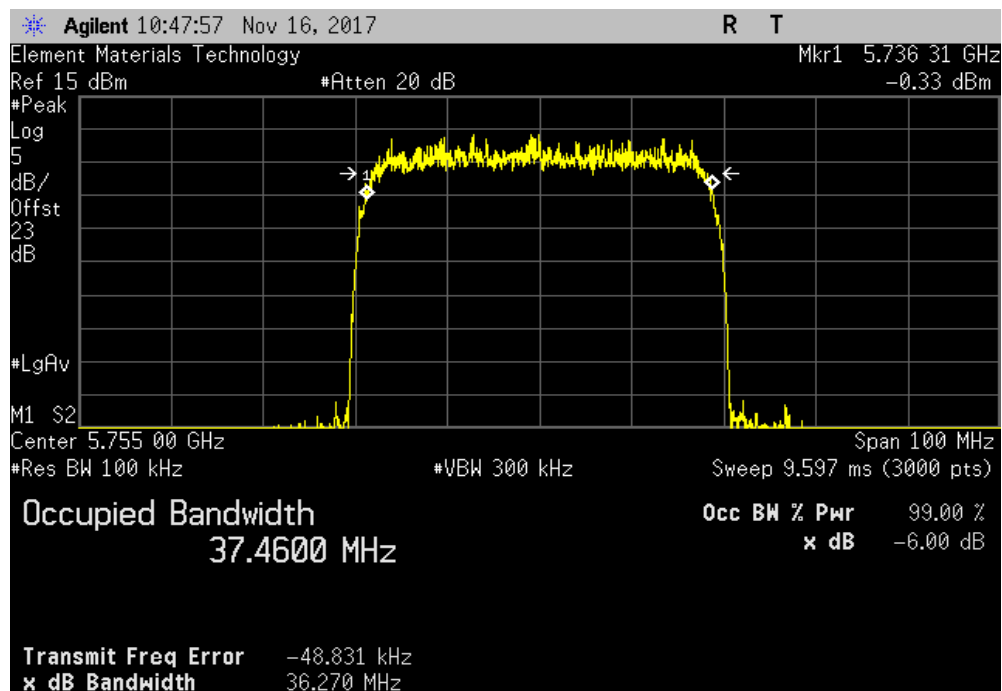
5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 64-QAM, Radio 1, Port RF0

Value	Limit	Result
5736.21 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 64-QAM, Radio 2, Port RF0

Value	Limit	Result
5736.31 MHz	> 5725 MHz	Pass



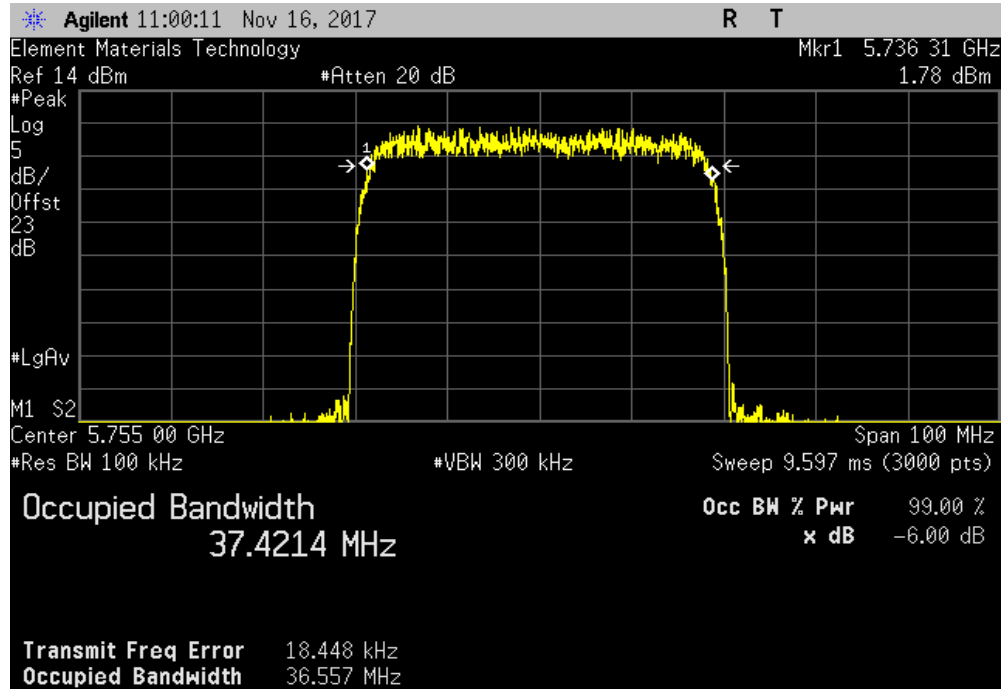
BAND EDGE 5.8GHz



TMTx 2017.10.04 XMM 2017.09.21

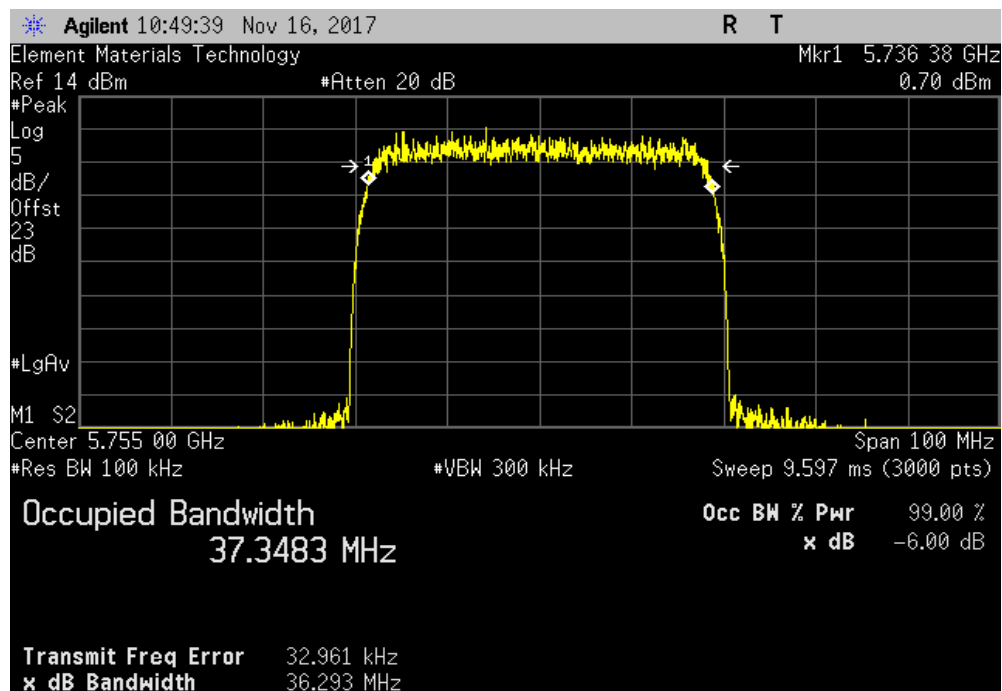
5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 256-QAM, Radio 1, Port RFO

Value	Limit	Result
5736.31 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 256-QAM, Radio 2, Port RFO

Value	Limit	Result
5736.38 MHz	> 5725 MHz	Pass



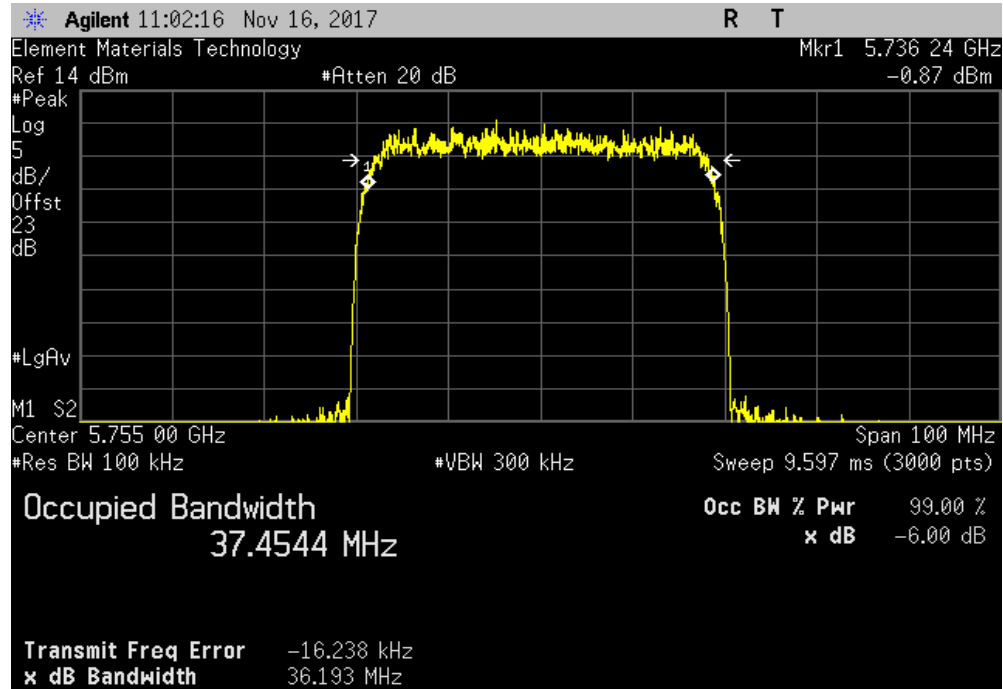
BAND EDGE 5.8GHz



TMTX 2017.10.04 XMM 2017.09.21

5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 1024-QAM, Radio 1, Port RF0

Value	Limit	Result
5736.24 MHz	> 5725 MHz	Pass



5725 - 5825 MHz Band, Low Channel (5755 MHz), 40 MHz BW, 1024-QAM, Radio 2, Port RF0

Value	Limit	Result
5736.34 MHz	> 5725 MHz	Pass

