7.2. Output Power of Fundamental Emissions
Maximum Peak Output Power

Applied standards
-e-CFR Title 47 Chapter I Subchapter A Part 15 Subpart C §15.247 (b) (1)
-RSS-247 Issue 2 section 5.4 (b)

Limits for Peak Output Power of Fundamental (EIRP)

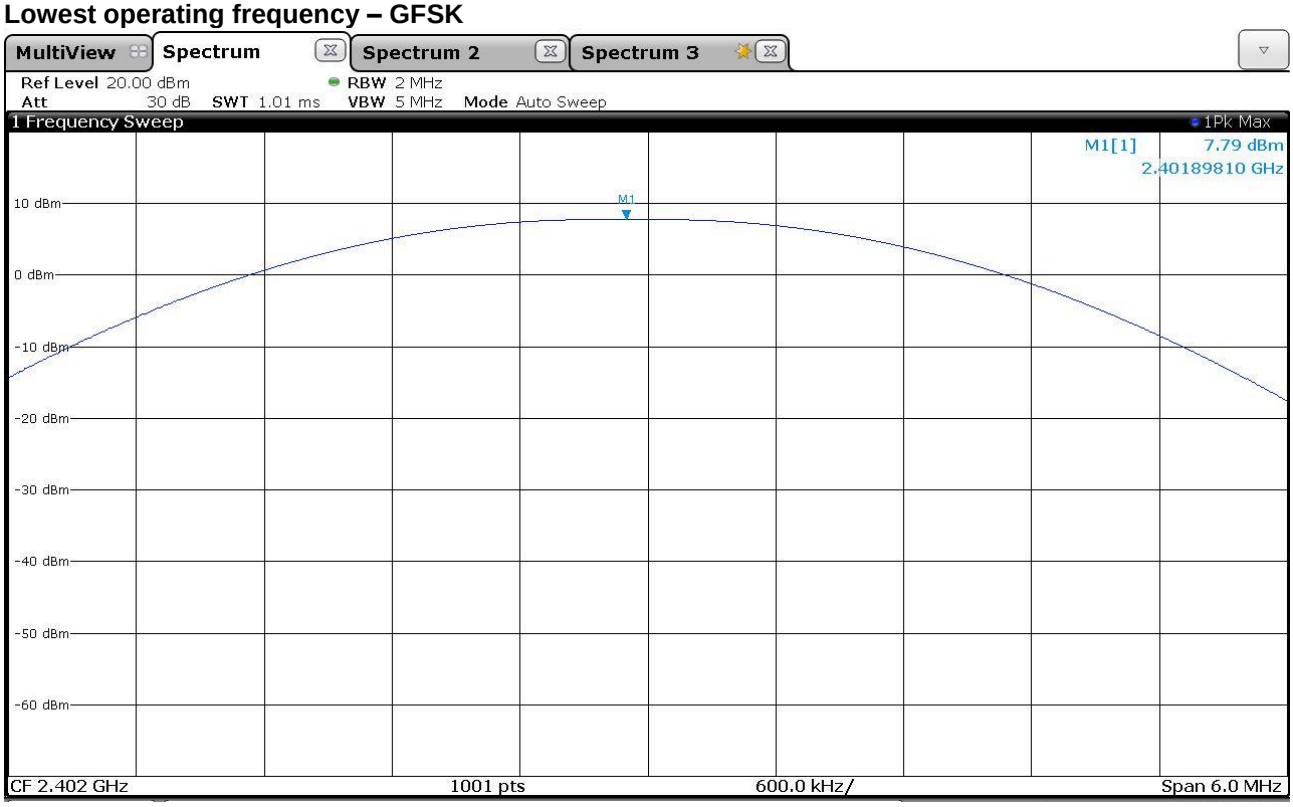
For FHSS in the 2400 – 2483.5 MHz Band the maximum peak output power shall not exceeded the following limits:
For frequency hopping systems employing at least 75 hopping channels: 1 Watt
For frequency hopping systems employing less then 75 hopping channels: 0.125 Watt
The e.i.r.p shall not exceed 4 Watt.

Test equipment and test set up
Test equipment used for conducted measurements as given in clause Test equipment of this report.
Test setup used for conducted measurements as given in clause Test setups of this report.

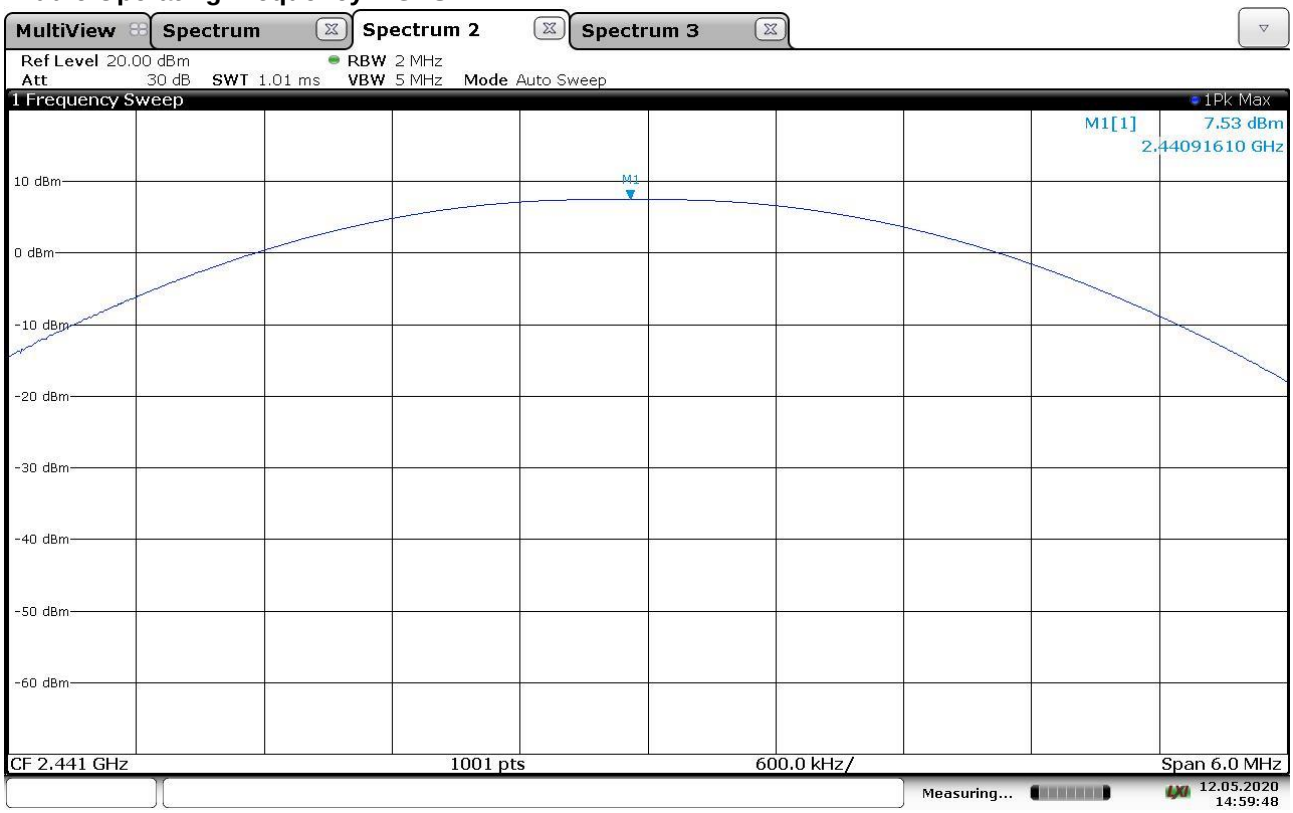
Description
For the conducted measurement, the RF output of the EUT was connected to the Analyzer. All the attenuation or cable loss will be added to the measured maximum output power.
The results are recorded in Watt.

The Measurement was performed on: 12.05.2020 and 13.05.2020

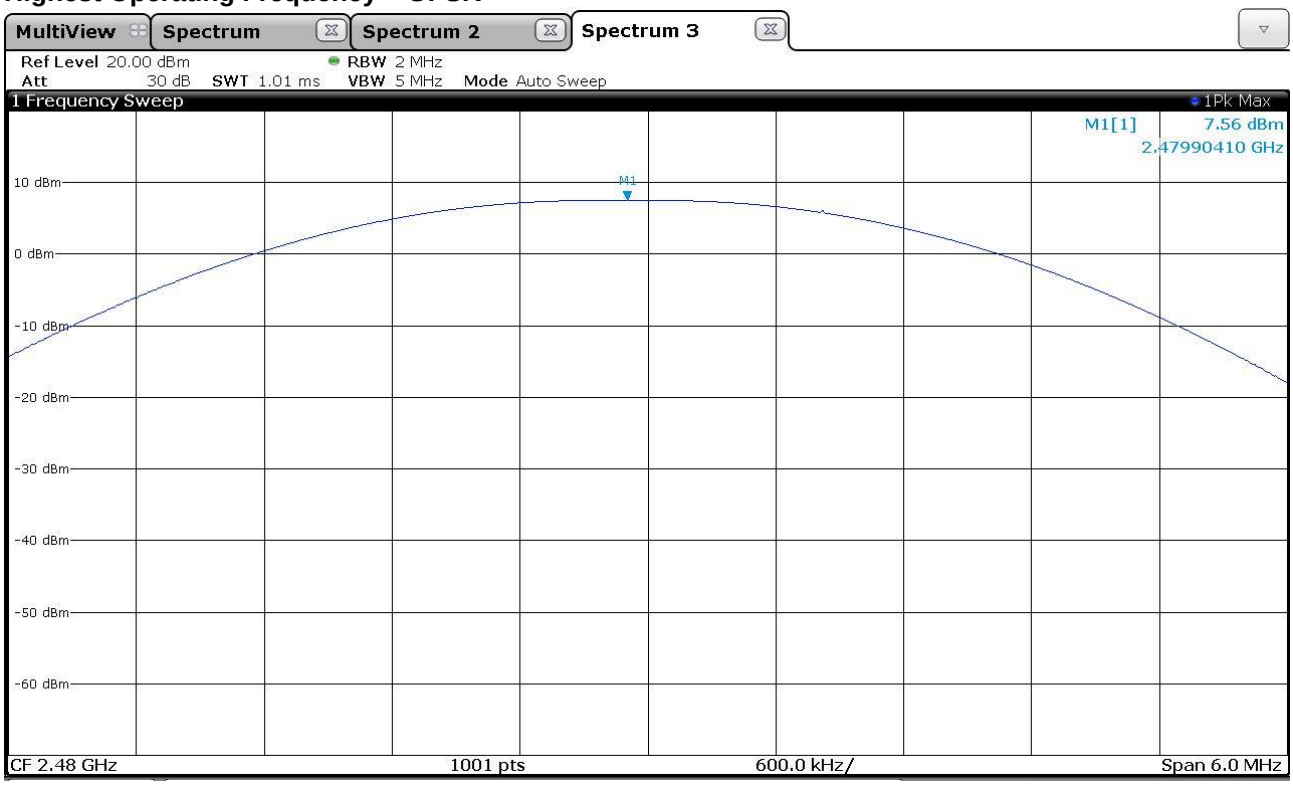
Lowest operating frequency – GFSK



Middle Operating Frequency – GFSK

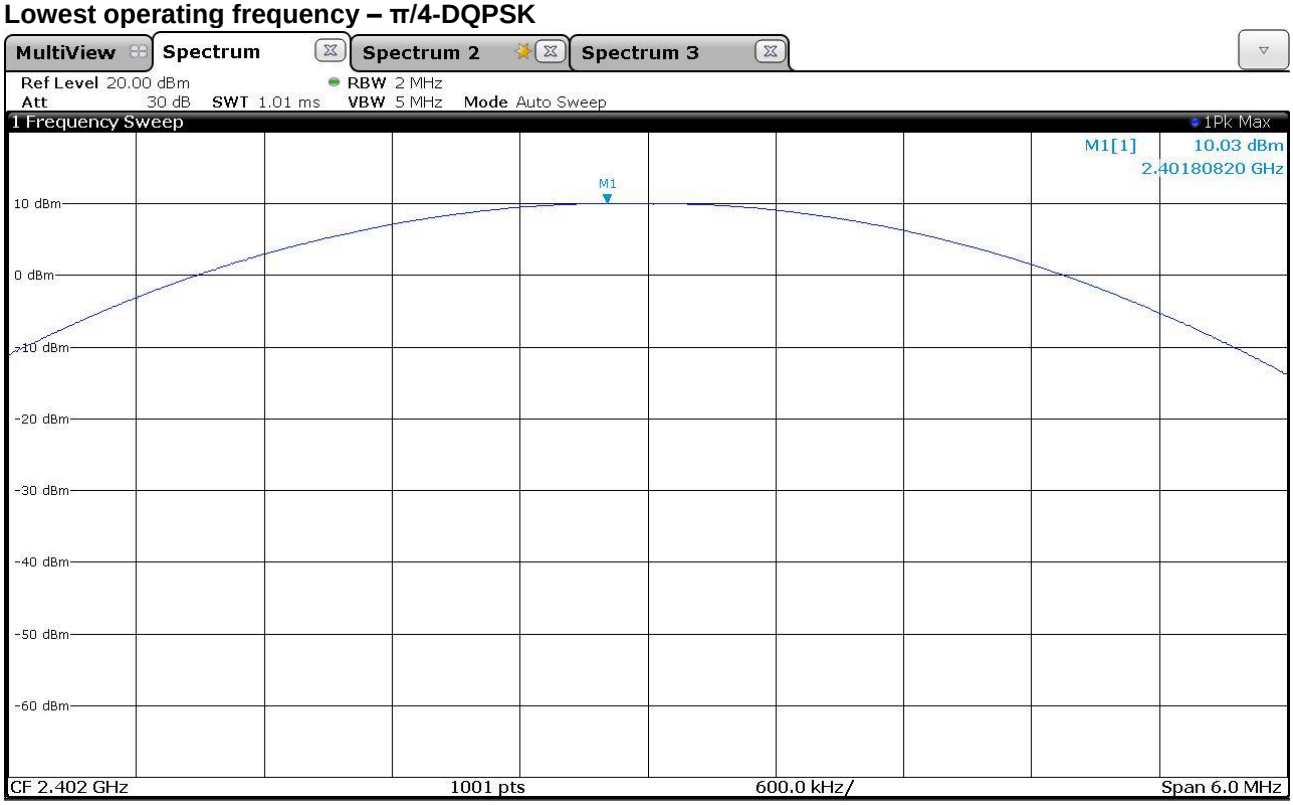


Highest Operating Frequency – GFSK

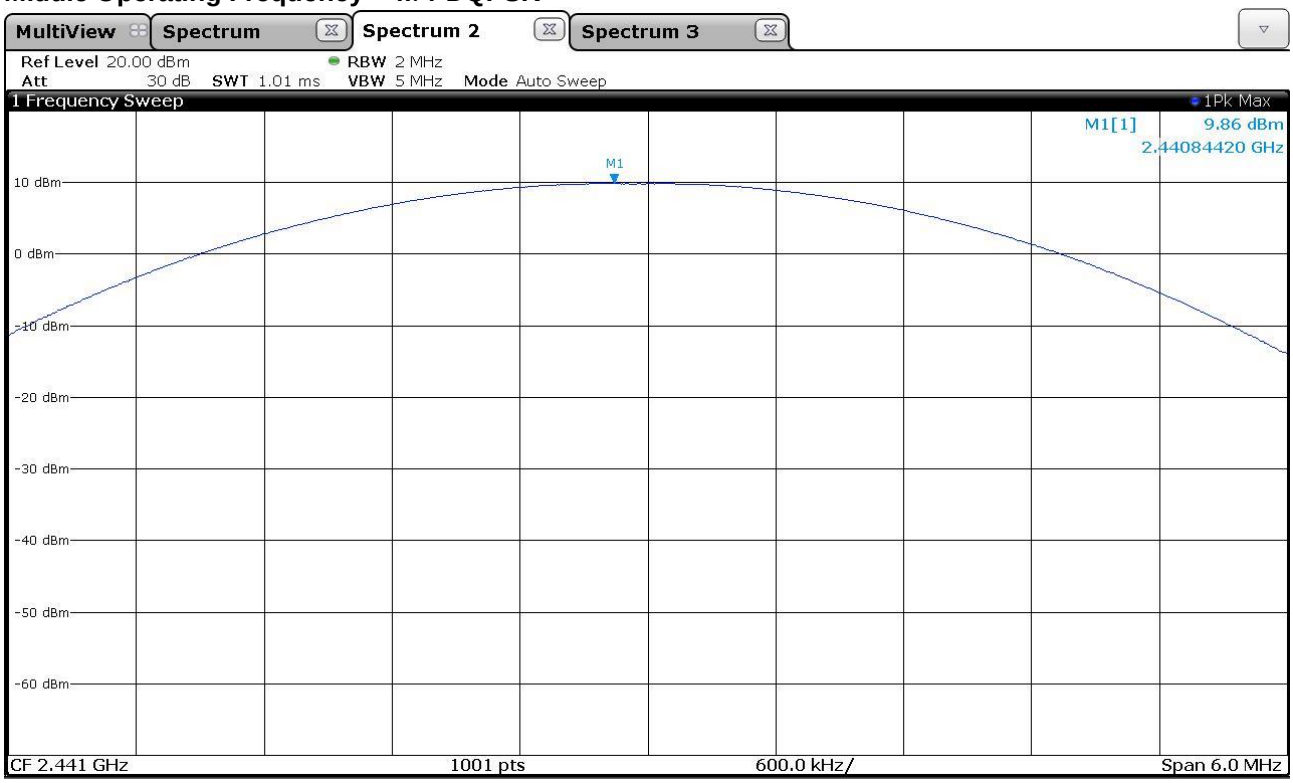


Maximum output power conducted measurement - GFSK								
Channel	Frequency [MHz]	Reading of Analyzer [dBm]	Cable Loss [dB]	Output Power		Limit		Result
				[dBm]	[mW]	[dBm]	[mW]	
0	2402	7.79	0.5	8.29	6.75	30	1000	Pass
39	2441	7.53	0.5	8.03	6.35	30	1000	Pass
78	2480	7.56	0.5	8.06	6.40	30	1000	Pass

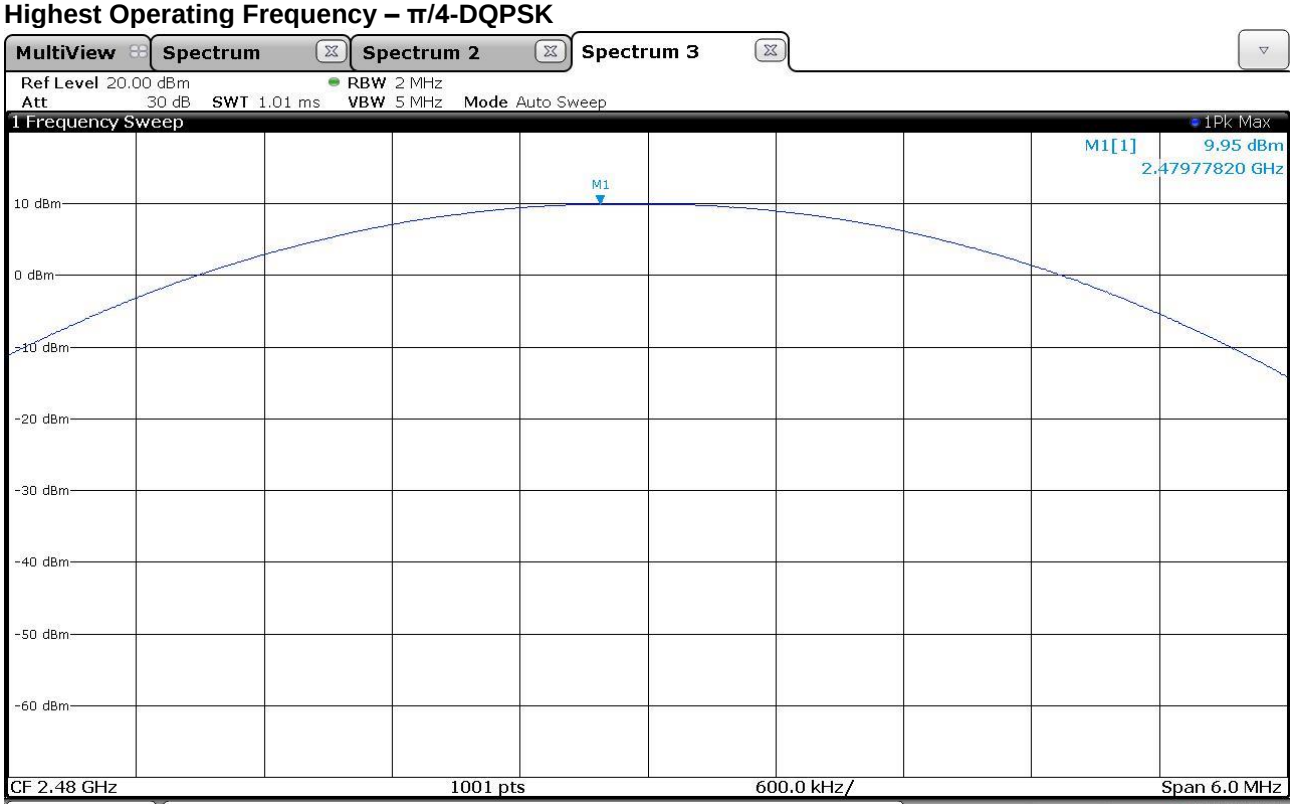
Lowest operating frequency – π/4-DQPSK



Middle Operating Frequency – π/4-DQPSK

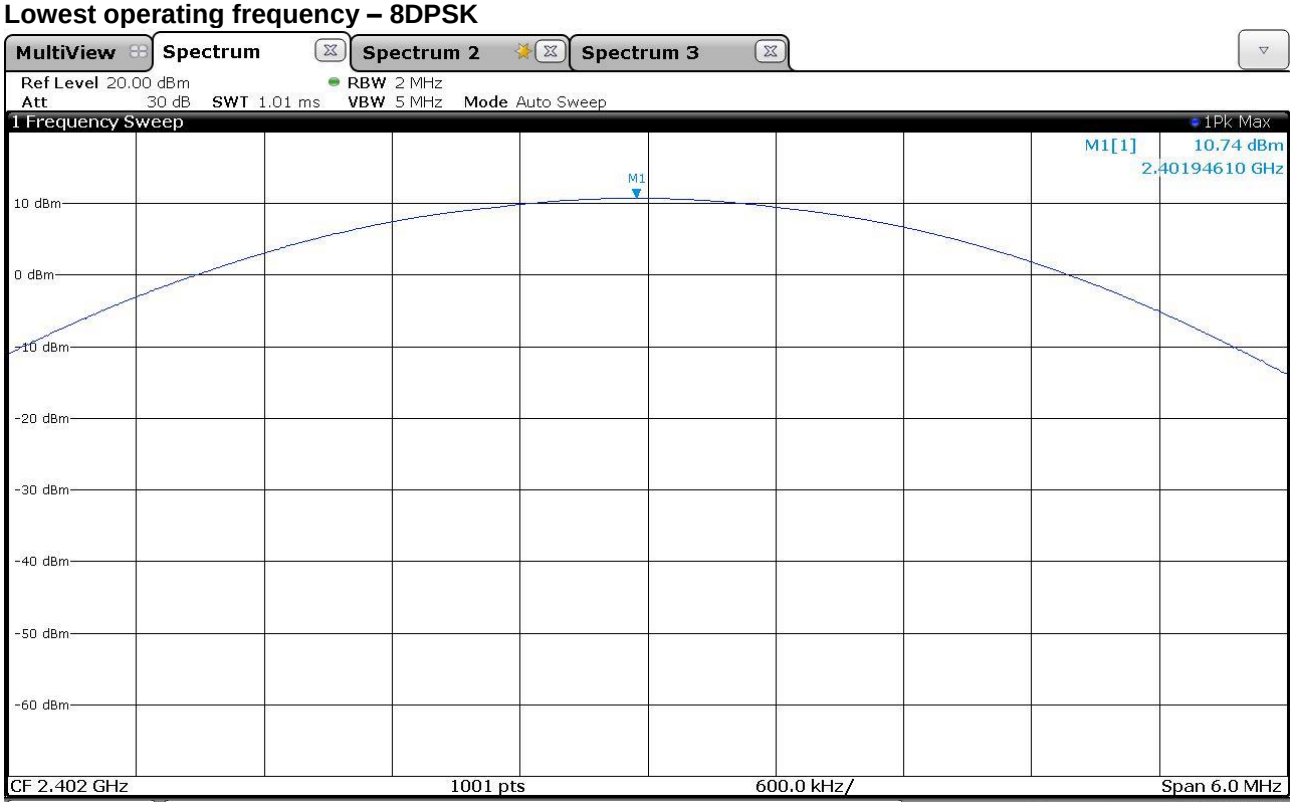


Highest Operating Frequency – π/4-DQPSK

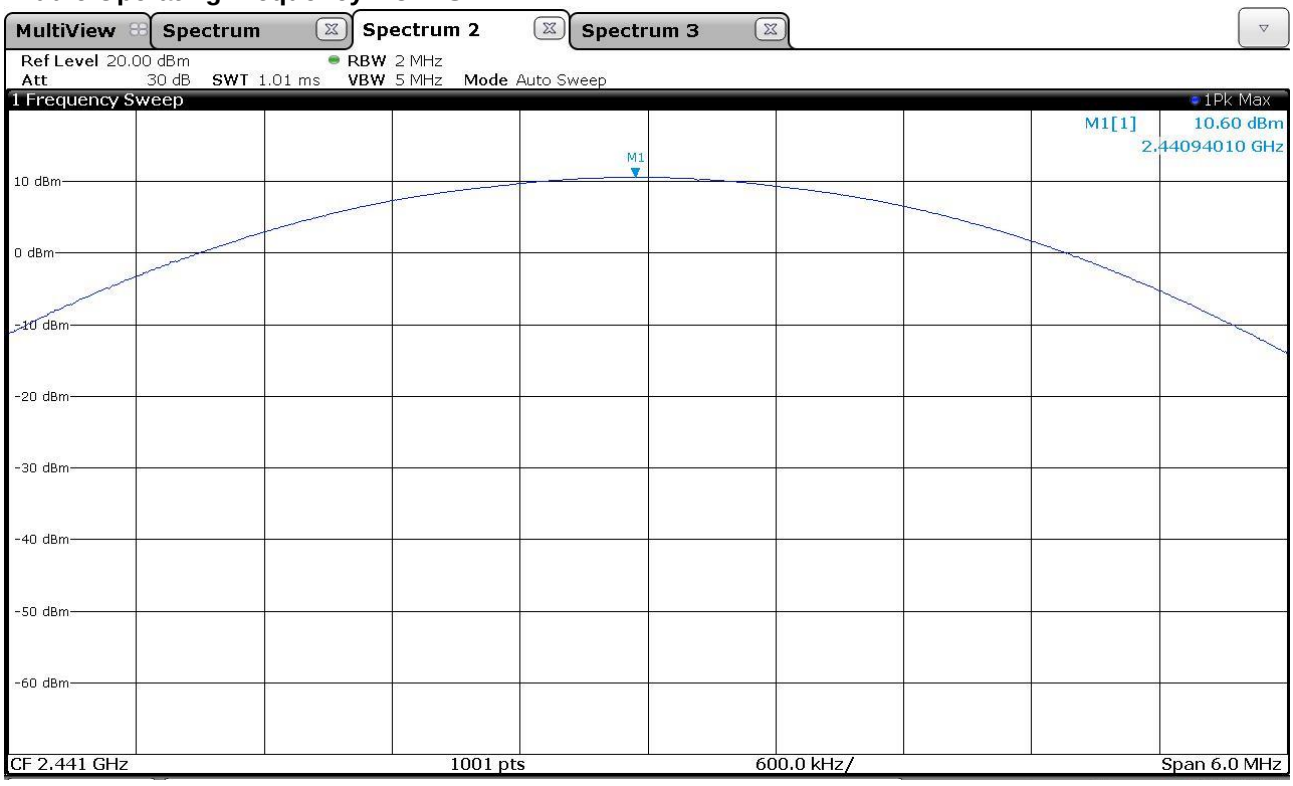


Maximum output power conducted measurement - π/4-DQPSK								
Channel	Frequency [MHz]	Reading of Analyzer [dBm]	Cable Loss [dB]	Output Power		Limit		Result
				[dBm]	[mW]	[dBm]	[mW]	
0	2402	10.03	0.5	10.53	11.30	30	1000	Pass
39	2441	9.86	0.5	10.36	10.86	30	1000	Pass
78	2480	9.95	0.5	10.45	11.09	30	1000	Pass

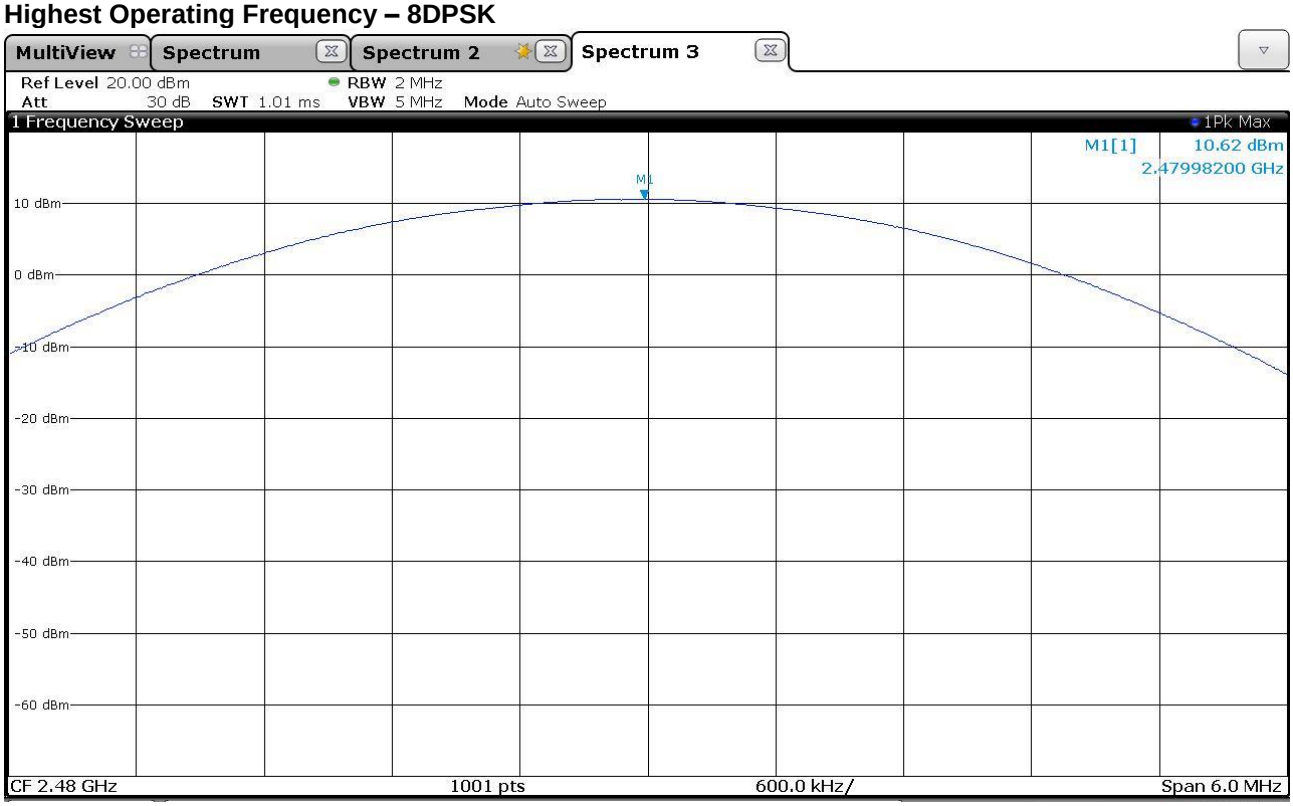
Lowest operating frequency – 8DPSK



Middle Operating Frequency – 8DPSK



Highest Operating Frequency – 8DPSK



Maximum output power conducted measurement - 8DPSK								
Channel	Frequency [MHz]	Reading of Analyzer [dBm]	Cable Loss [dB]	Output Power		Limit		Result
				[dBm]	[mW]	[dBm]	[mW]	
0	2402	10.74	0.5	11.24	13.30	30	1000	Pass
39	2441	10.60	0.5	11.10	12.88	30	1000	Pass
78	2480	10.62	0.5	11.12	12.94	30	1000	Pass

Results

From the measurement data obtained, the tested sample was considered to have **COMPLIED** with the requirements of **Output Power of Fundamental Emissions**.

7.3. Number of Operating Channel

Applied standards
-e-CFR Title 47 Chapter I Subchapter A Part 15 Subpart C §15.247 (a) (1) (iii)
-RSS-247 issue 2 Section 5.1 (d)

Limit
Frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels.

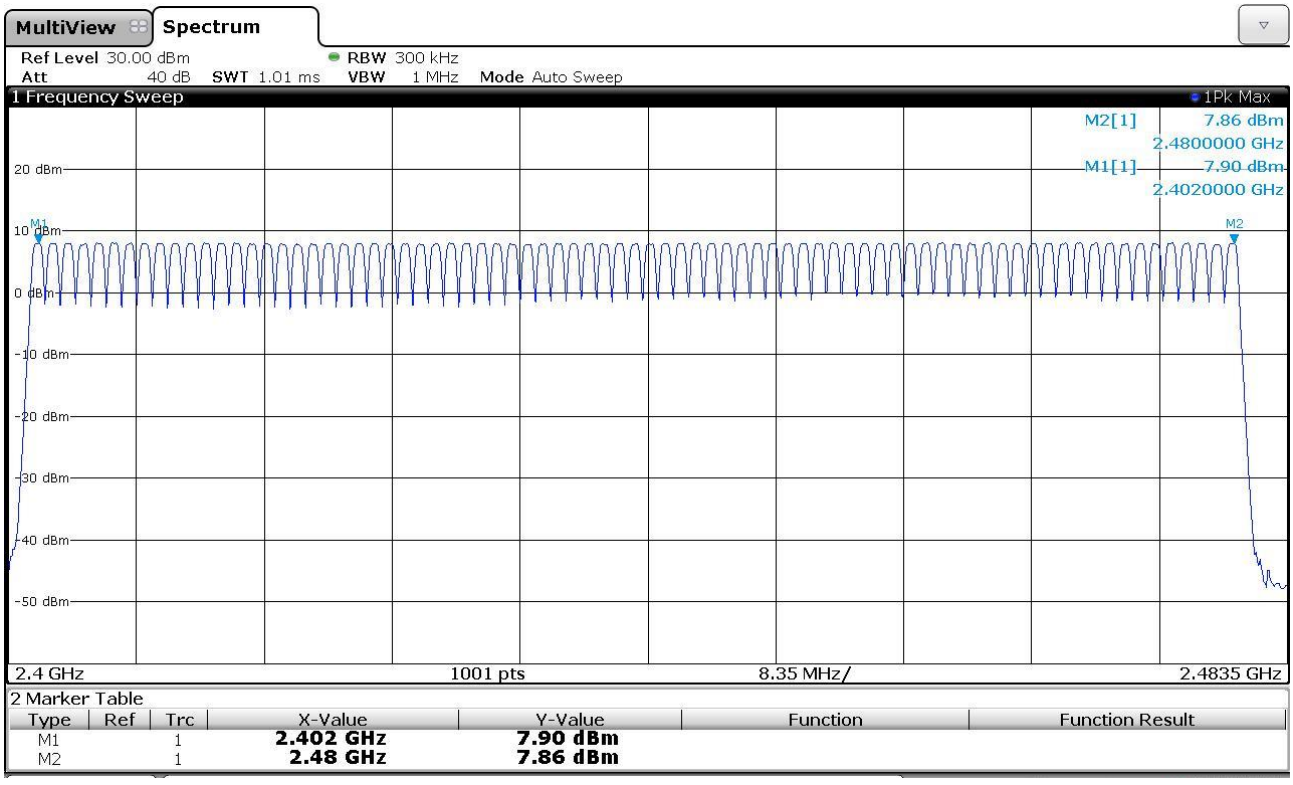
Test equipment and test set up
Test equipment used for conducted measurements as given in clause Test equipment of this report.
Test setup used for conducted measurements as given in clause Test setups of this report.

Description

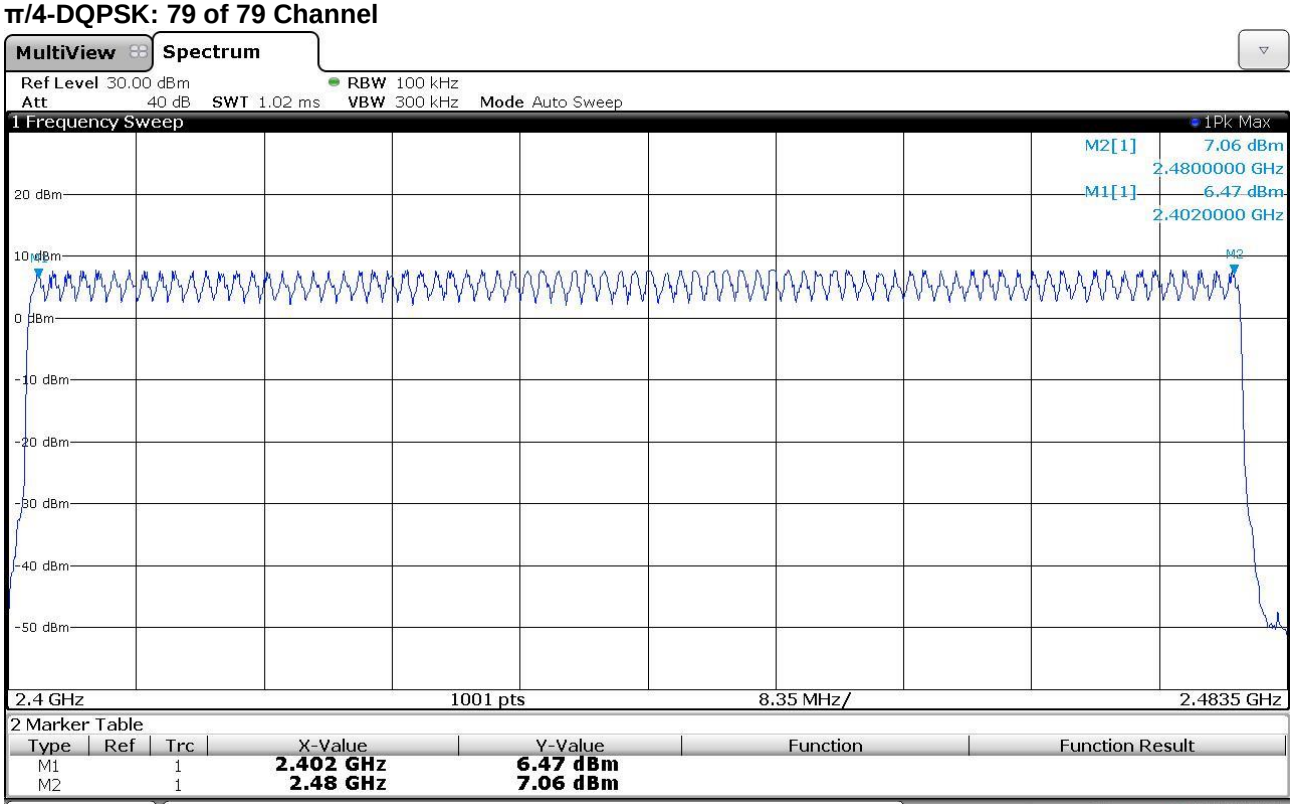
Frequency range	Bandwidth
2.4 GHz – 2.4835 GHz (Peak Detector)	RBW: 100 kHz VBW: ≥ RBW

The Measurement was performed on: 12.05.2020 and 13.05.2020

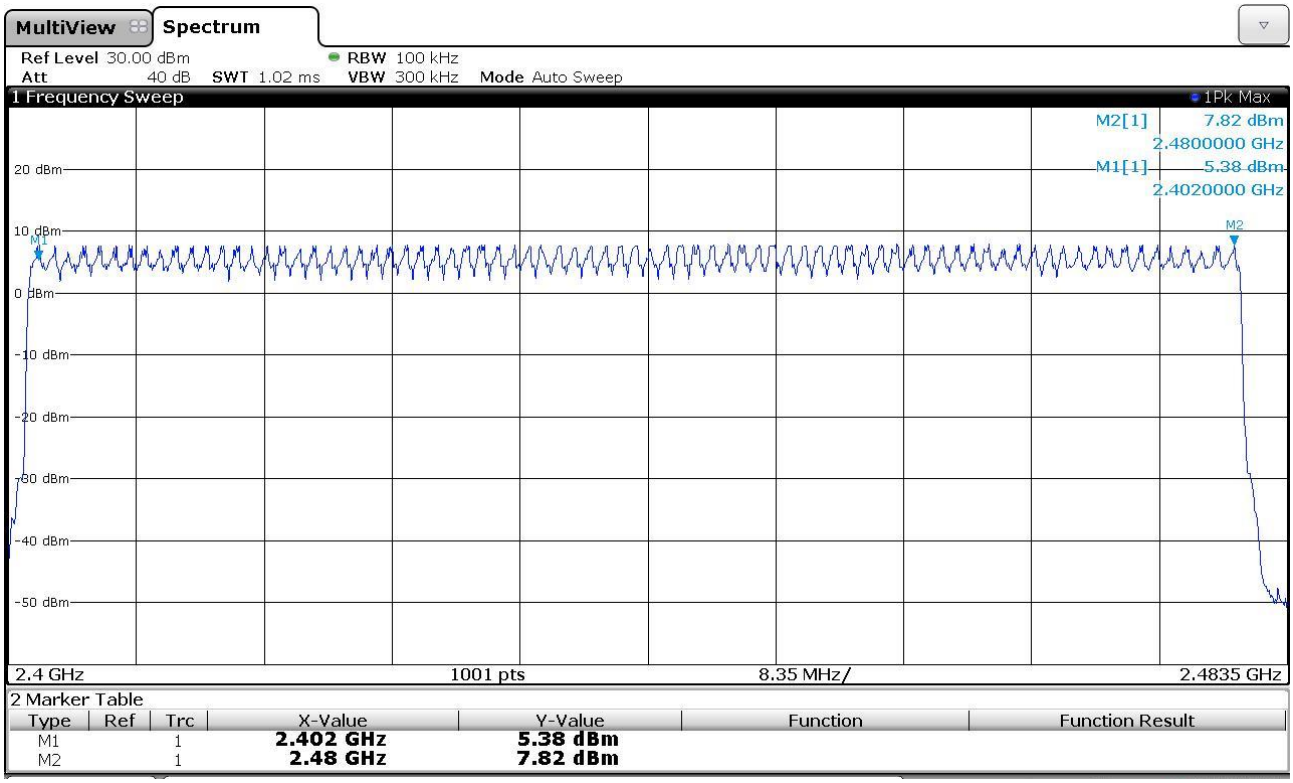
GFSK: 79 of 79 Channel



π/4-DQPSK: 79 of 79 Channel



8DPSK: 79 of 79 Channel



Results

From the measurement data obtained, the tested sample was considered to have **COMPLIED** with the requirements for the **Number of Hopping Frequencies.**

7.4. Channel Center Frequency

Test Requirements:
Frequency hopping system in the 2400-2483.5MHz band shall use at least 79 (Channel 0 to 78) non-overlapping channels.

The EUT operates in according with the Bluetooth system specification within the 2400 - 2483.5 MHz frequency band. RF channels for Bluetooth systems are spaced 1 MHz and are ordered in channel number k. In order to comply with out-of-band regulations, a lower frequency guard band of 2.0 MHz and a higher frequency guard band of 3.5MHz is used.

The operating frequencies of each channel are as follows:

First RF channel start from 2400MHz + 2MHz guard band = 2402MHz
Frequency of RF Channel = 2402+(k+1) MHz, k = 0,…,78 (Channel separation = 1MHz)

7.5. Carrier Frequency Separation

Test Requirements
-e-CFR Title 47 Chapter I Subchapter A Part 15 Subpart C §15.247 (a) (1)
-RSS-247 issue 2 Section 5.1 (b)

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

Test equipment and test set up
Test equipment used for conducted measurements as given in clause Test equipment of this report.
Test setup used for conducted measurements as given in clause Test setups of this report.

Detector function selection and bandwidth
For the measurement, an EMI test receiver that have CISPR peak detector was used.

Descripton
Frequency range wide enough to capture the peaks of two adjacent channels.
(Peak Detector)

Limits

GFSK:
The measured maximum bandwidth* 2/3 = 939.1 kHz * 2/3 = 626.07 kHz

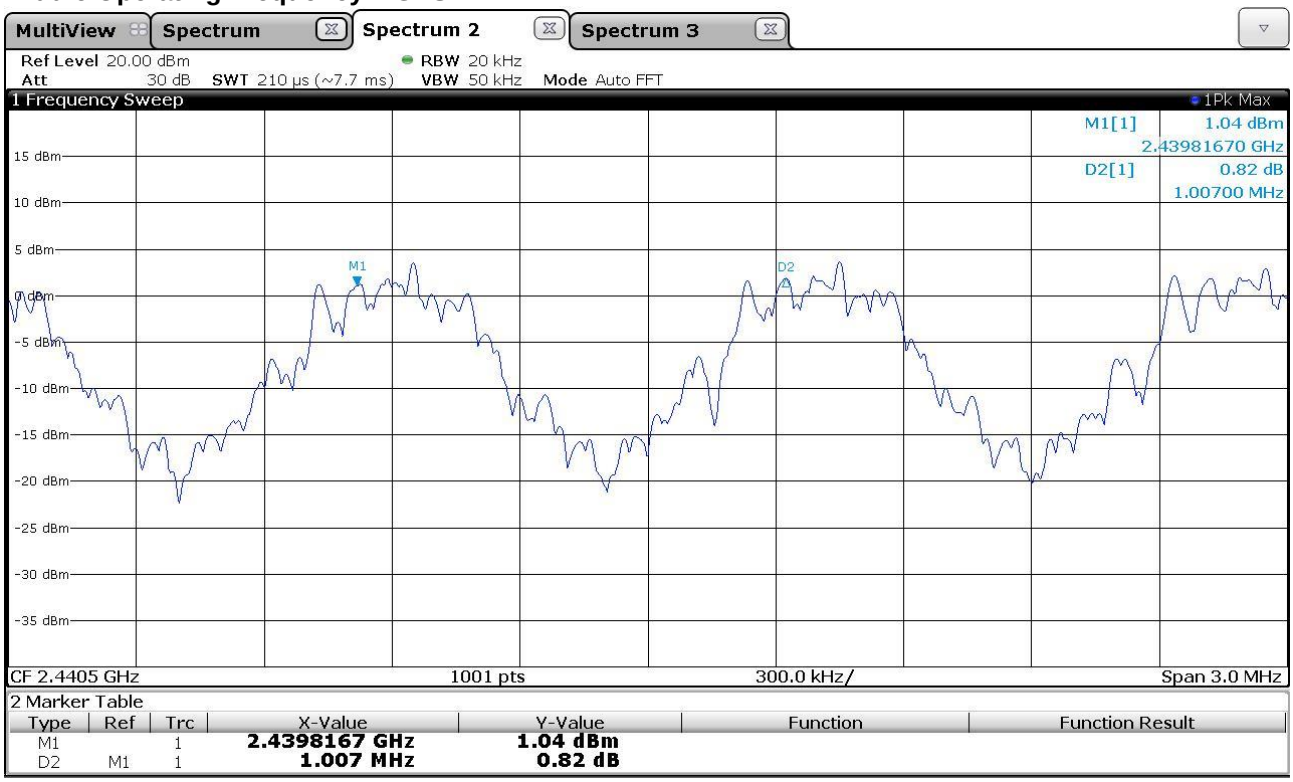
π/4 DQPSK:
The measured maximum bandwidth * 2/3 =1313.7 kHz * 2/3 = 875.8 kHz

8DPSK:
The measured maximum bandwidth * 2/3 =1291.2 kHz * 2/3 = 860.8 kHz

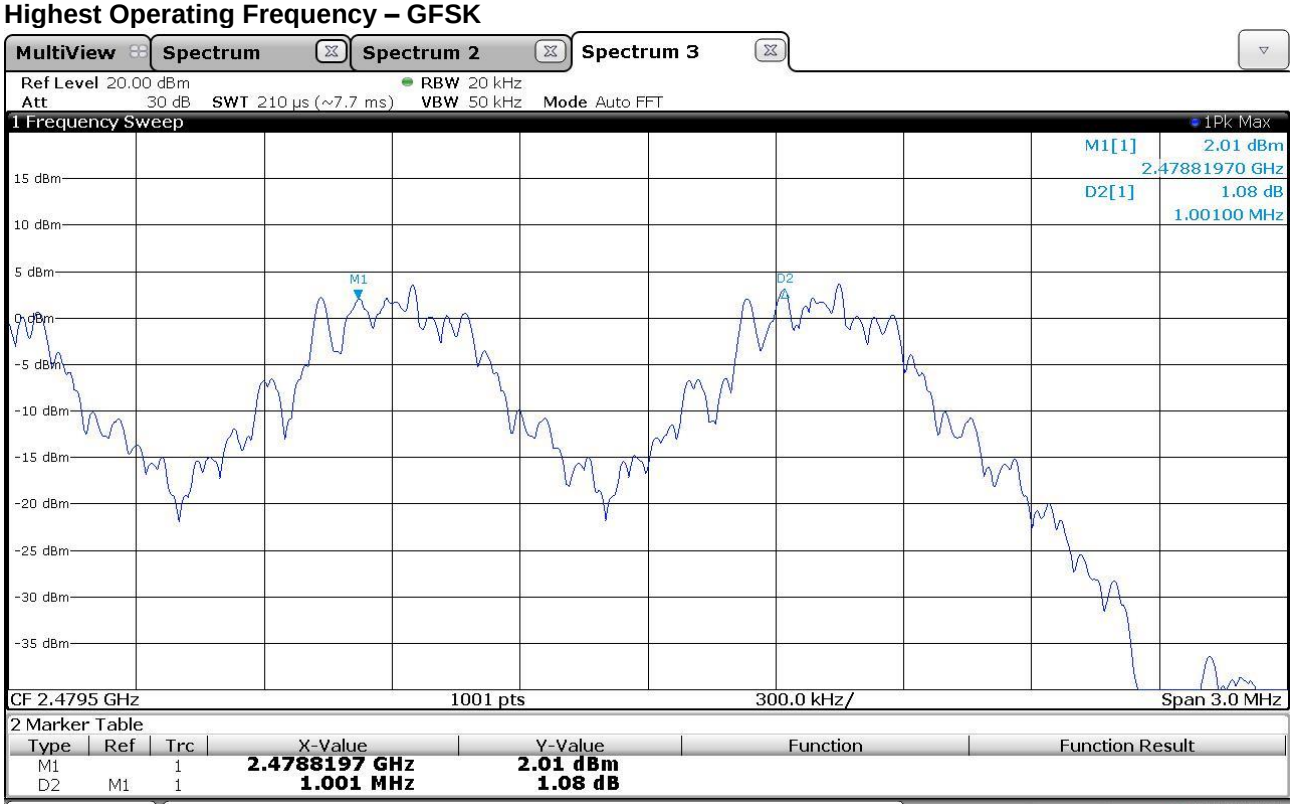
The Measurement was performed on: 12.05.2020 and 13.05.2020

Lowest Operating Frequency – GFSK

Middle Operating Frequency – GFSK

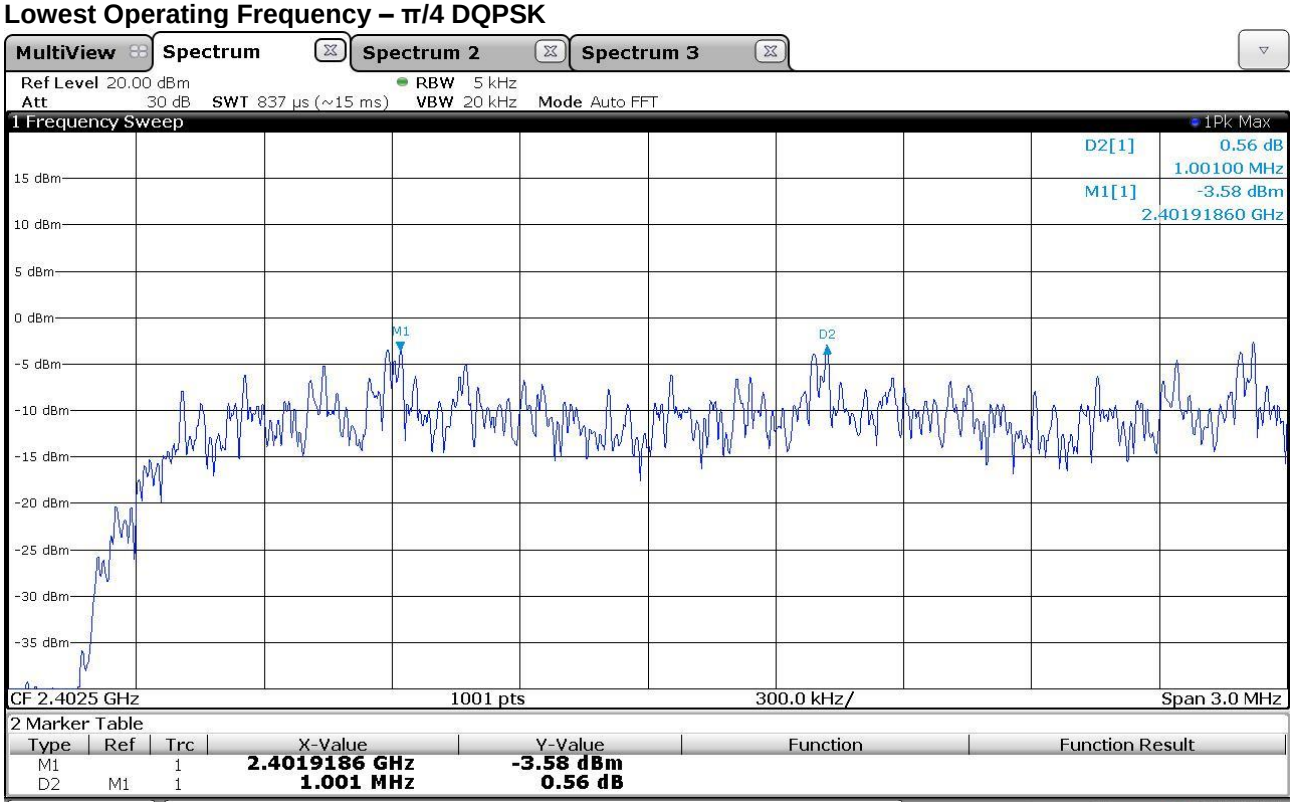


Highest Operating Frequency – GFSK

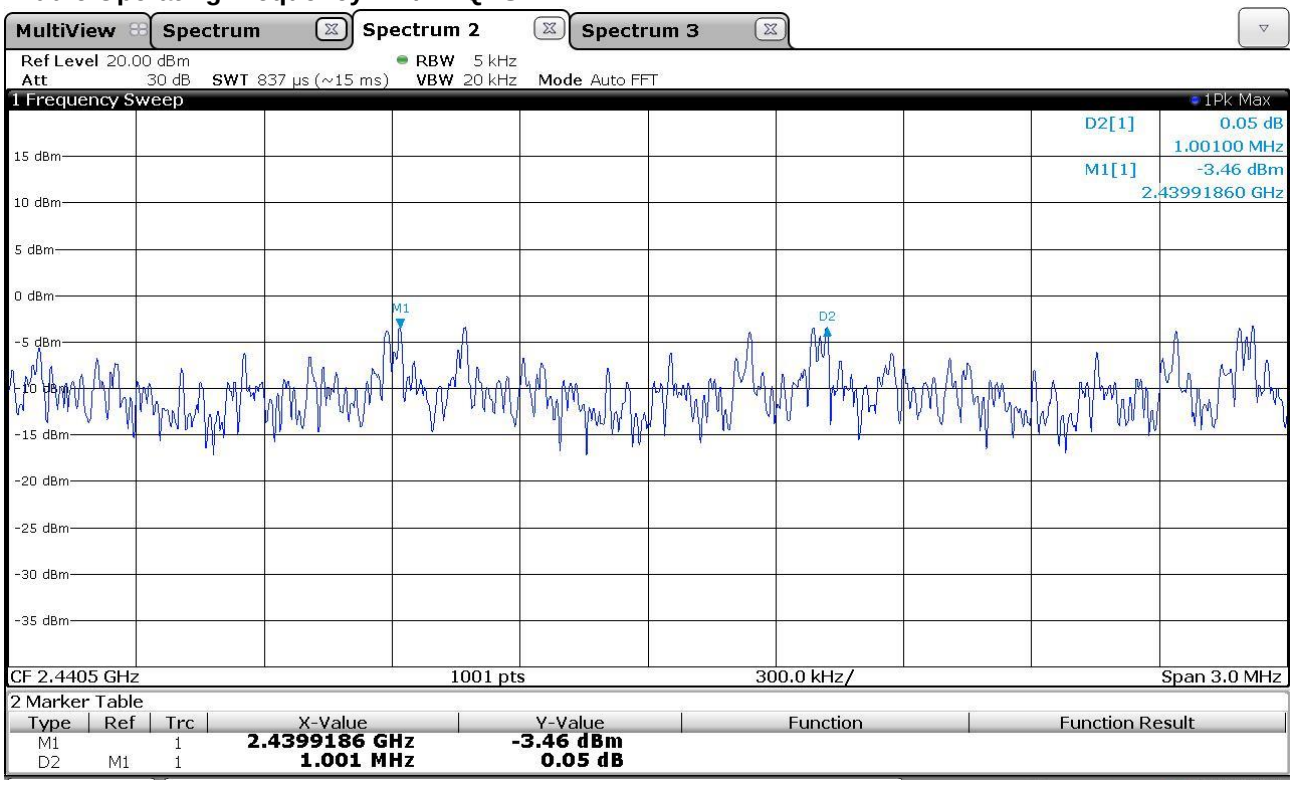


Summary of Channel seperation measurements – GFSK			
Tested Channel	**Channel seperation [kHz]**	**Limit = 2/3 BW [kHz]**	**Result**
Lowest	**1010**	**> 626.07**	**Pass**
Middle	**1007**	**> 626.07**	**Pass**
Highest	**1001**	**> 626.07**	**Pass**

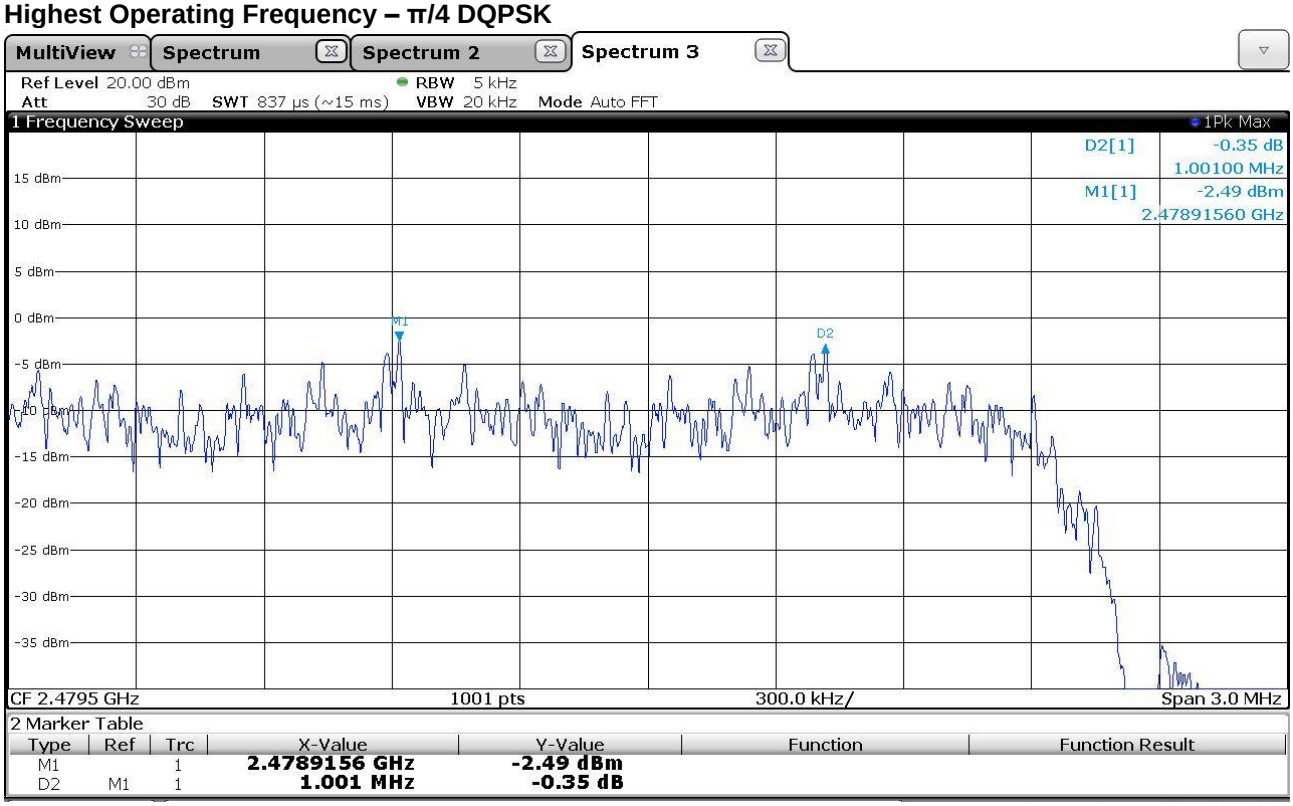
Lowest Operating Frequency – π/4 DQPSK



Middle Operating Frequency – π/4 DQPSK

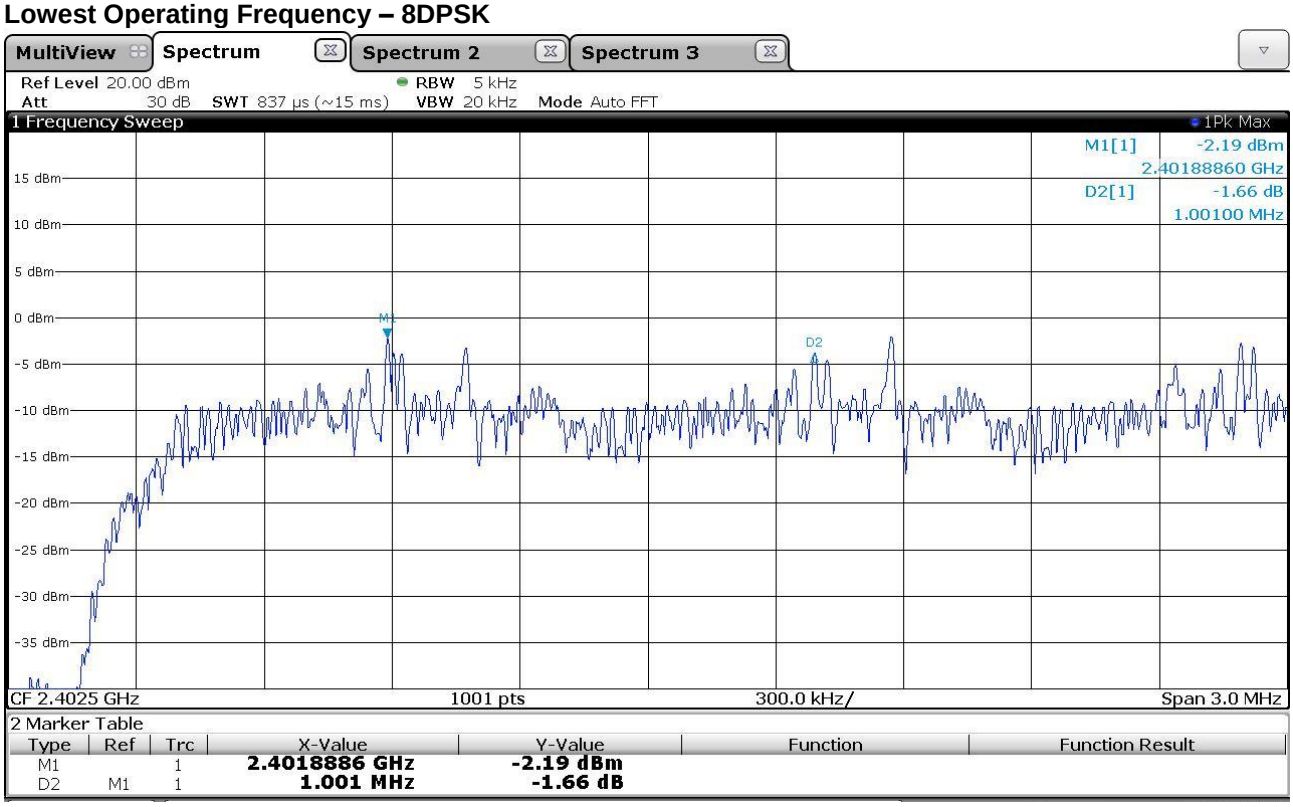


Highest Operating Frequency – π/4 DQPSK

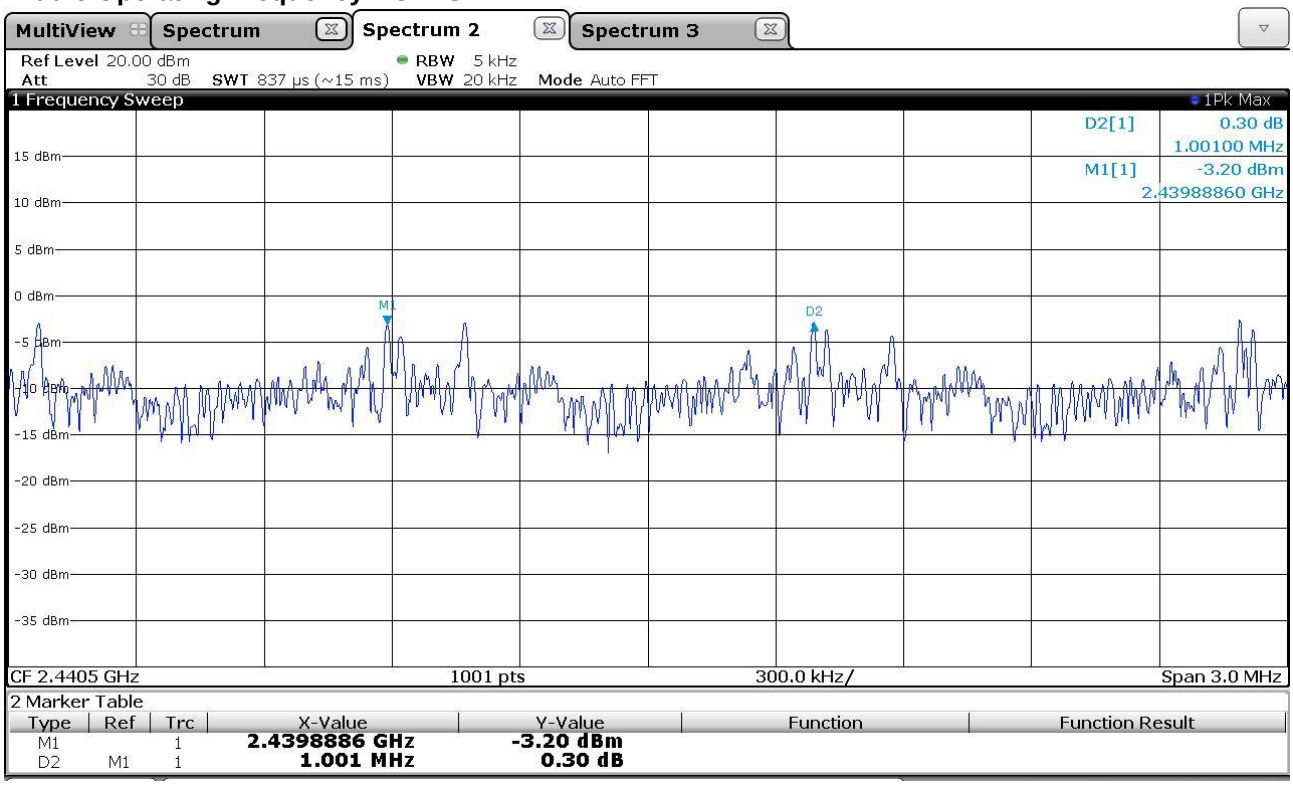


Summary of Channel seperation measurements – π/4 DQPSK			
Tested Channel	**Channel seperation [kHz]**	**Limit = 2/3 BW [kHz]**	**Result**
Lowest	**1001**	**> 875.8**	**Pass**
Middle	**1001**	**> 875.8**	**Pass**
Highest	**1001**	**> 875.8**	**Pass**

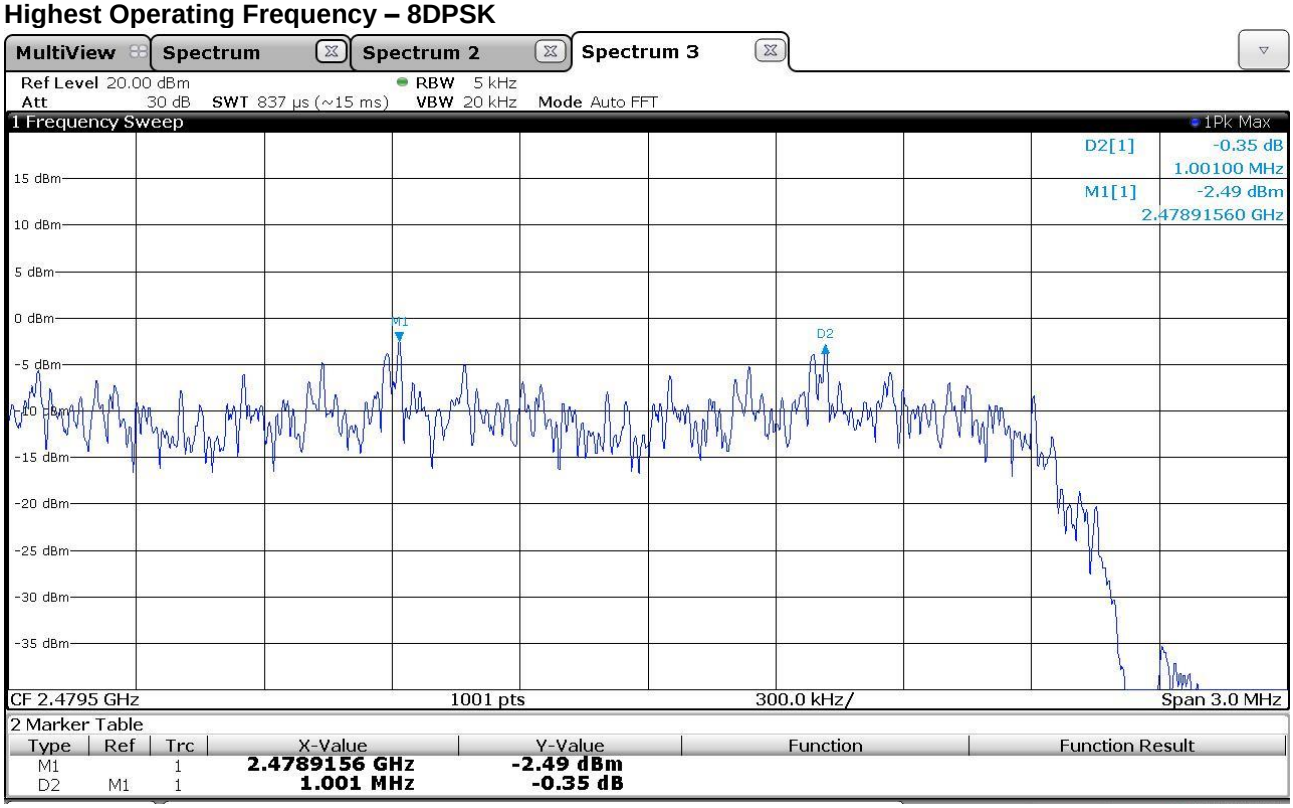
Lowest Operating Frequency – 8DPSK



Middle Operating Frequency – 8DPSK



Highest Operating Frequency – 8DPSK



Summary of Channel seperation measurements – 8DPSK			
Tested Channel	**Channel seperation [kHz]**	**Limit = 2/3 BW [kHz]**	**Result**
Lowest	**1001**	**> 860.8**	**Pass**
Middle	**1001**	**> 860.8**	**Pass**
Highest	**1001**	**> 860.8**	**Pass**

7.6. Band-Edges Measurement

Applied standards
-e-CFR Title 47 Chapter I Subchapter A Part 15 Subpart C §15.247 (d)
-RSS-247 issue 2 Section 5.5

Limit
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Emissions which fall in the restricted bands, as defined in §15.205 Restricted Bands of operation as well as in restricted bands of the RSS-Gen Issue 5 (see Section 8.10 Restricted Frequency Bands) and must also comply with the radiated emission limits specified in §15.209 Radiated emission limits as well as the limits specified in RSS-Gen Table 5.

Test equipment and test set up
Test equipment used for Band Edge measurements as given in clause Test equipment of this report.
Test setup used for Band Edge measurements as given in clause Test setups of this report.

Description
For restricted Bands:
The Emission must comply with the radiated emission limits. Measured with Average and Peak detector.

For non restricted Bands:
The band edge is measured at an amplitude level reduced from the reference level by a specified ratio. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency.

The measurements are initially carried out according to the requirements for restricted bands, as these requirements are more stringent. If the limit value is exceeded in a non-restricted band according to the restricted band specifications, the measurement is repeated again with requirments for non restricted bands in order to prove the conformity.

Note: It was not necessary to carry out a re-test for non restricted band requirments for the tested EUT.

Detector function selection and bandwidth
For the measurement, an EMI test receiver that have CISPR peak detector as well as average detector were used.

Band Edge for restriced Band

Frequency range:	**Bandwidth**	
See measurement graph	RBW:	1 MHz
	VBW:	3 MHz

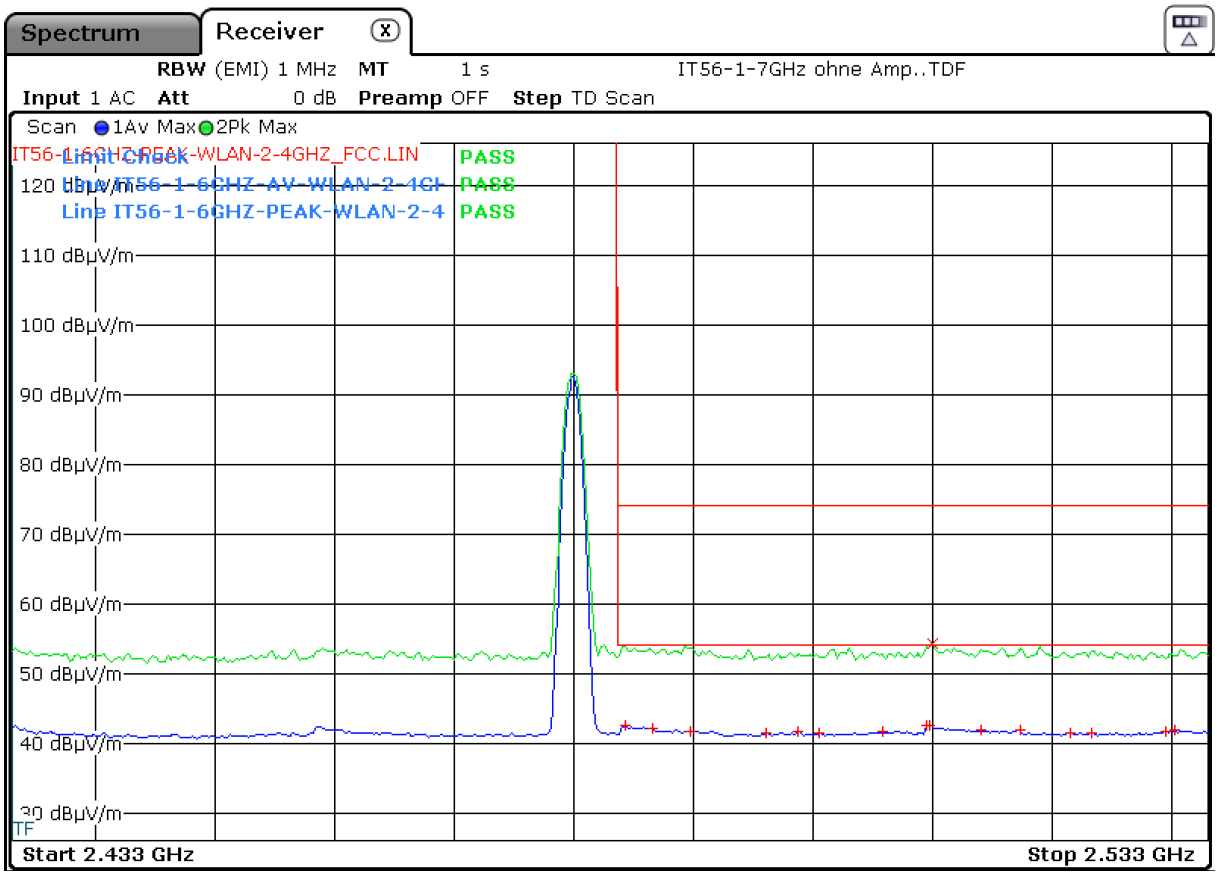
Band Edge for non resticted Band

Frequency range:	**Bandwidth**	
See measurement graph	RBW:	100 kHz
	VBW:	300 kHz

The Measurement was performed on: 12.05.2020, 13.05.2020 and 19.05.2020

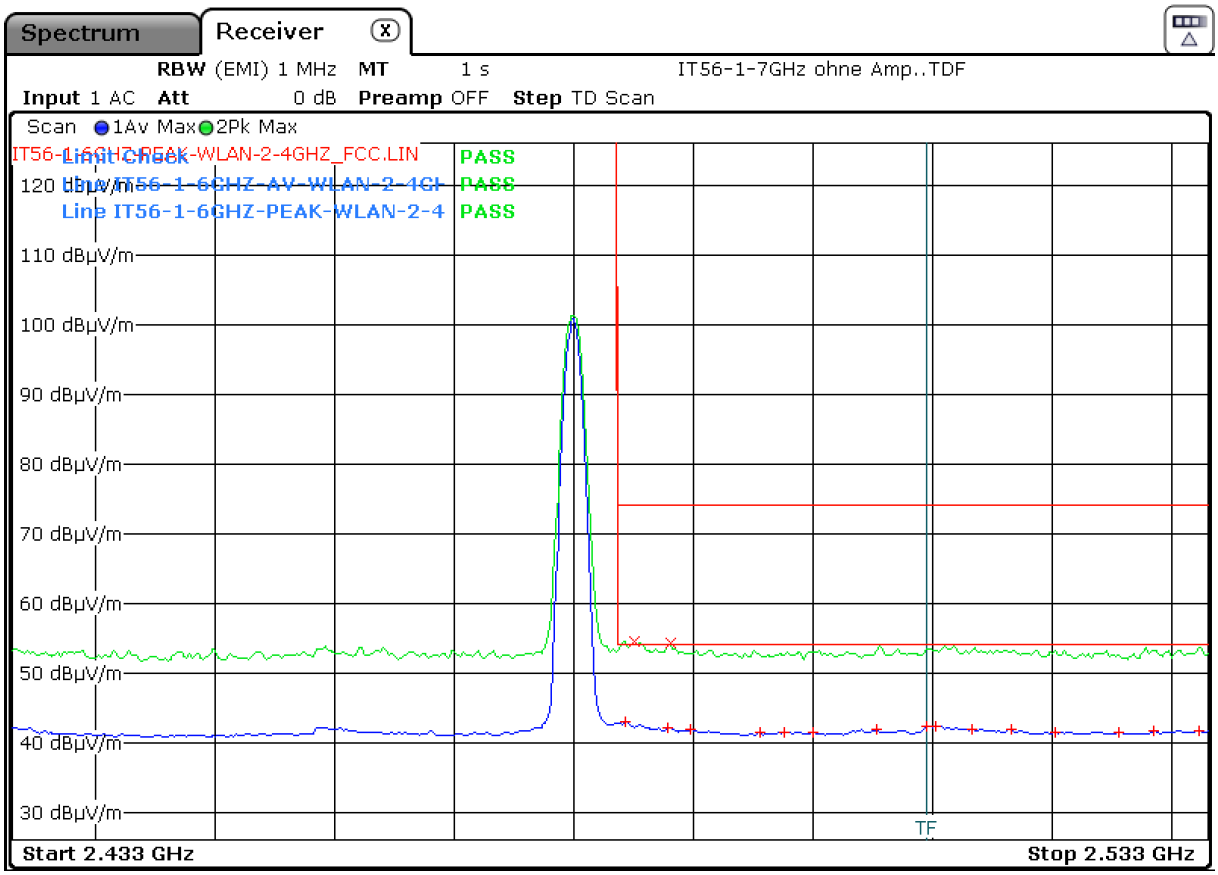
Measurement:

Operation mode: BT; GFSK; CH.78; Power max.; High edge



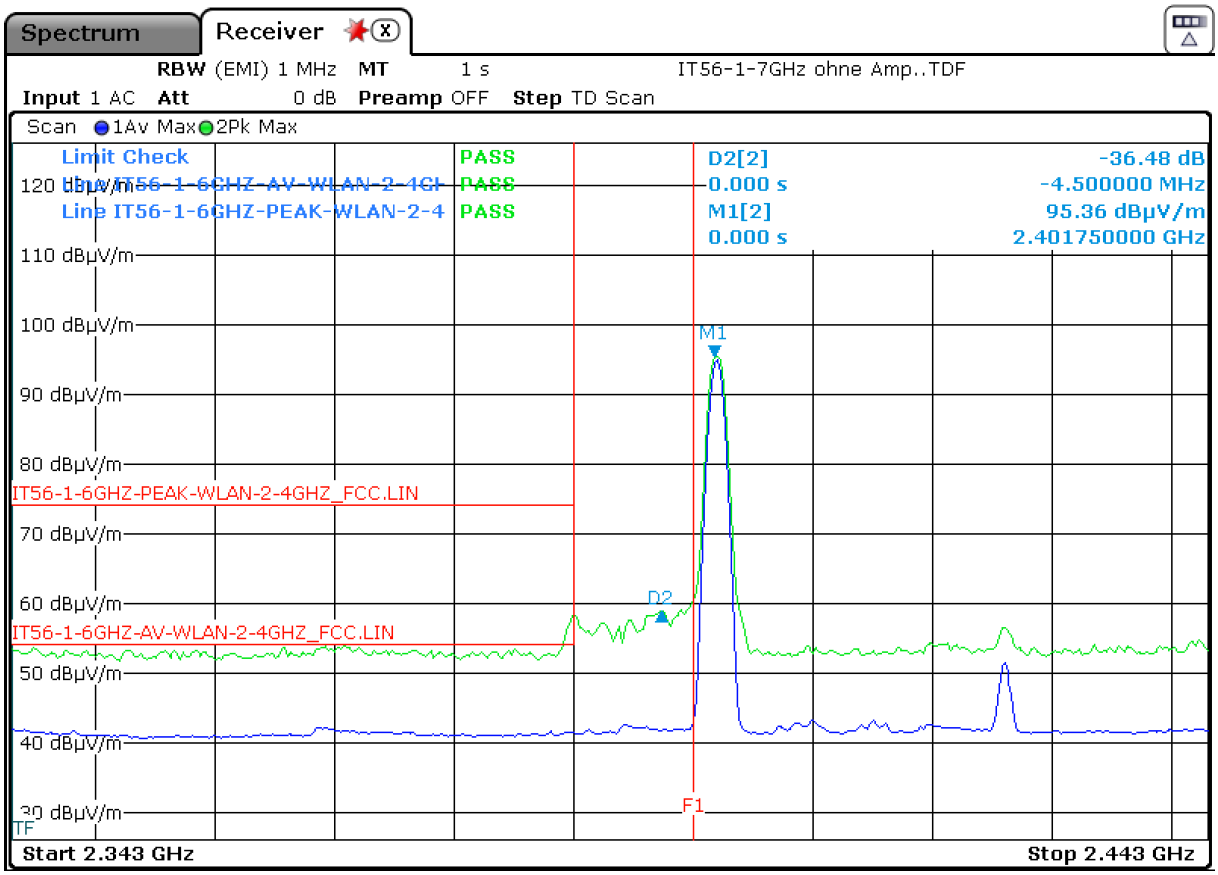
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; GFSK; CH.78; Power max.; High edge



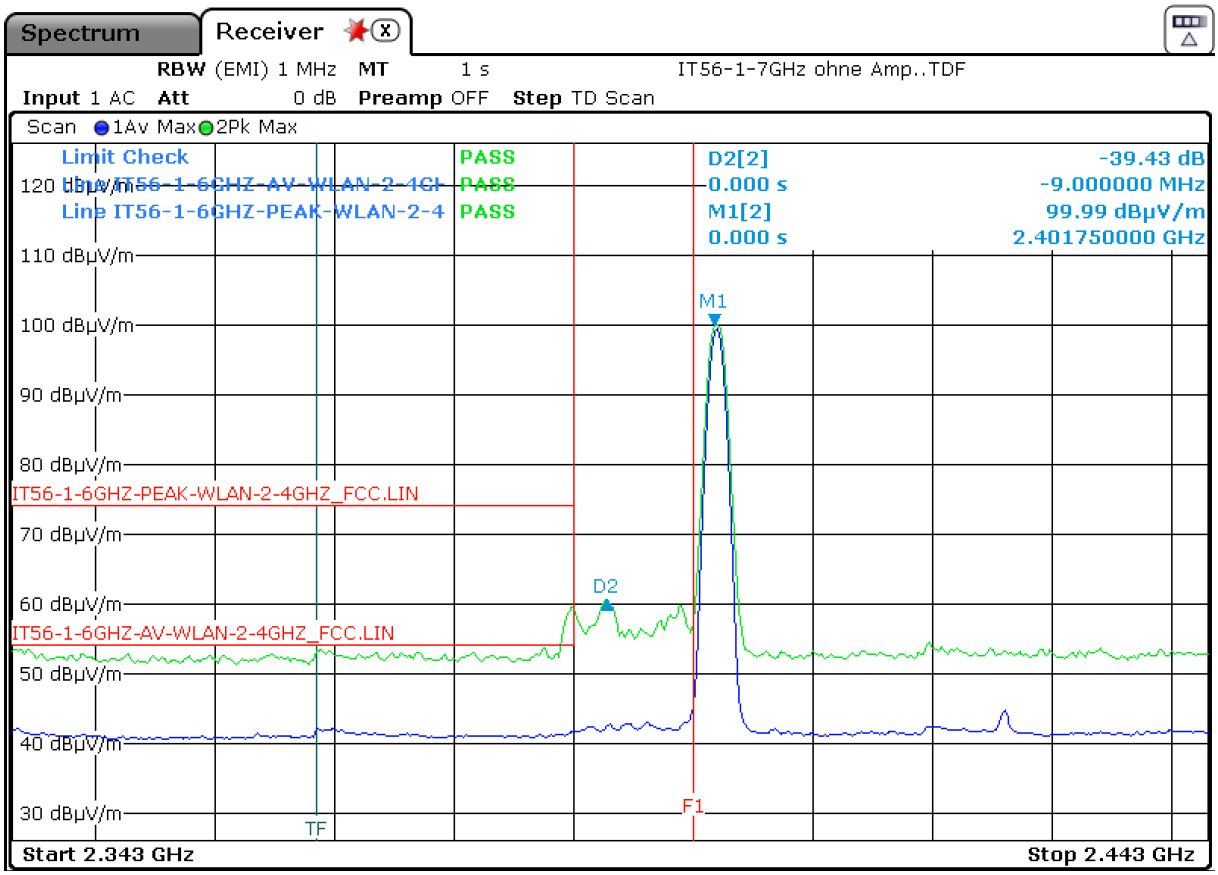
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; GFSK; CH.0; Power max.; Low edge



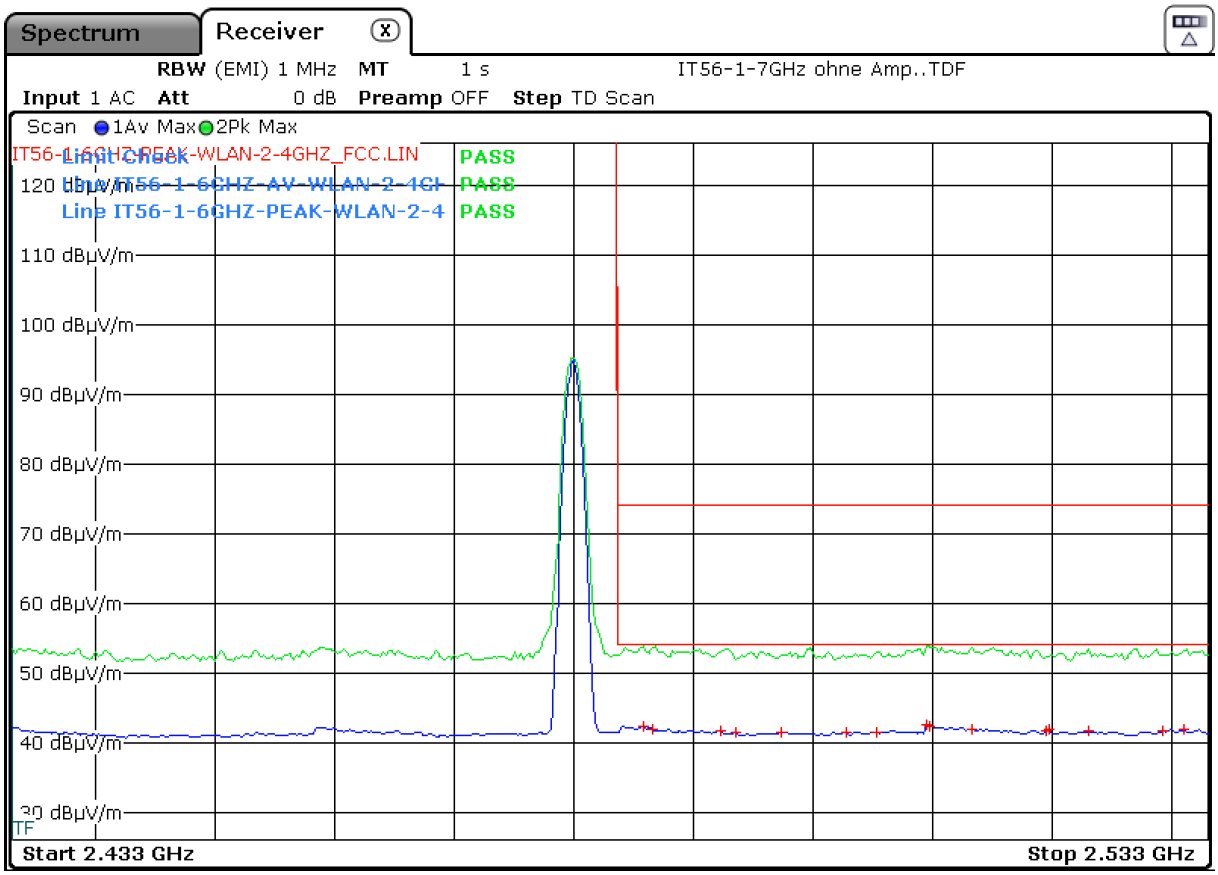
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; GFSK; CH.0; Power max.; Low edge



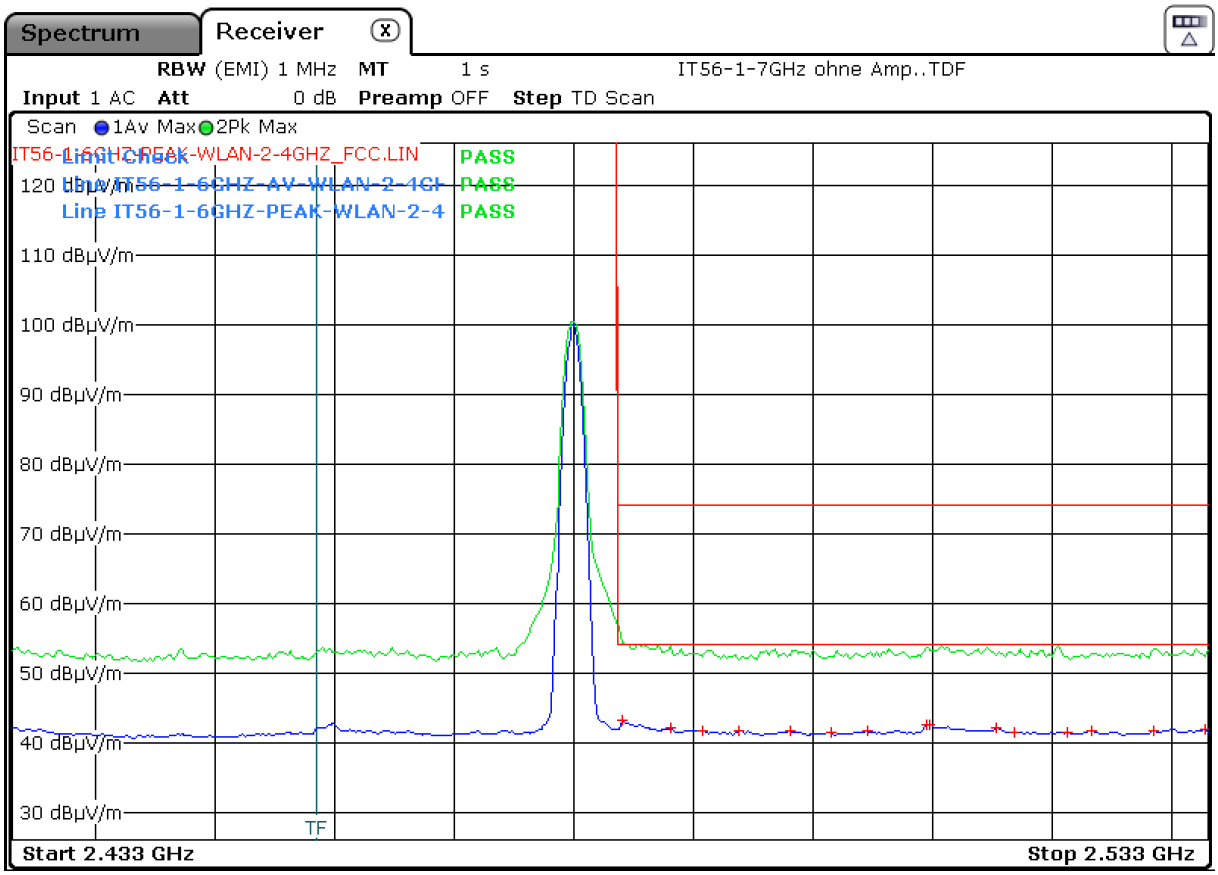
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; π/4DQPSK; CH.78; Power max.; High edge



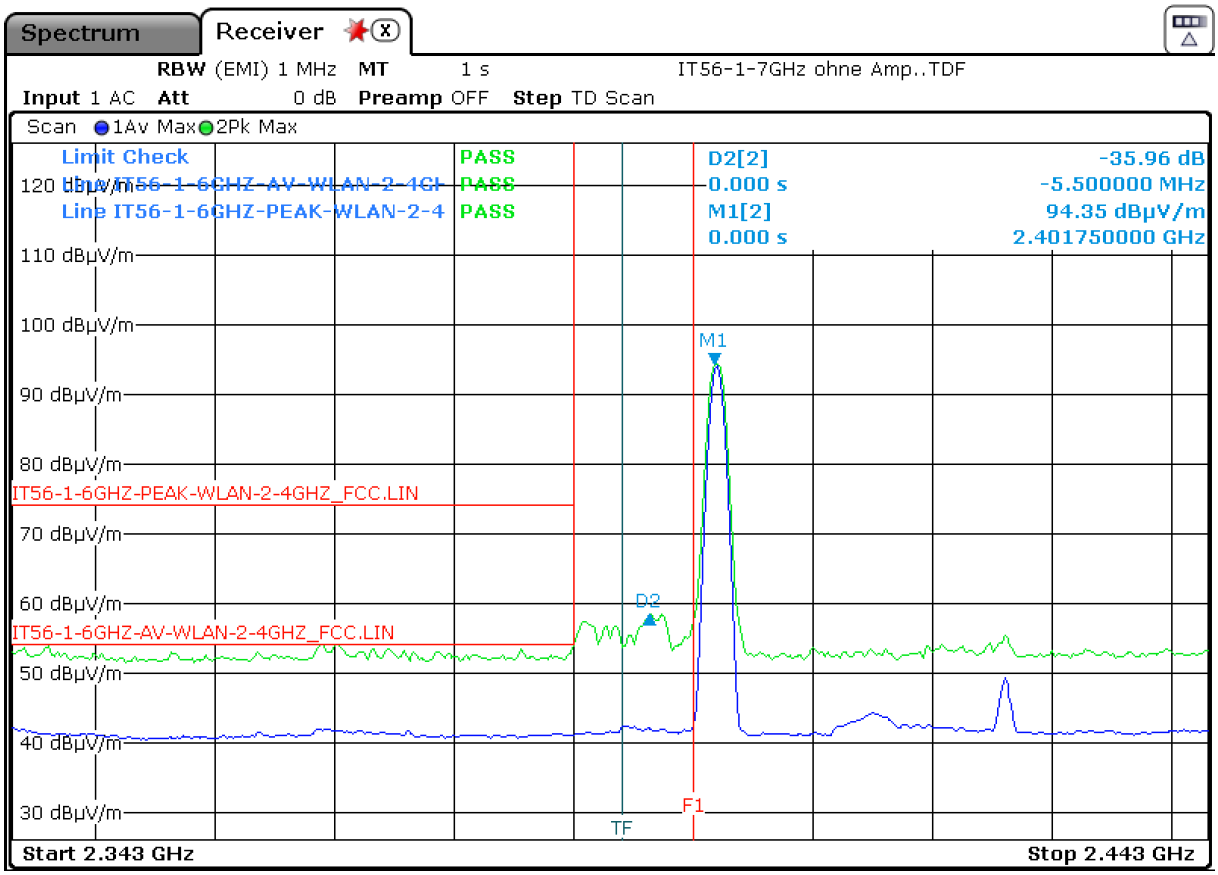
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; π/4DQPSK; CH.78; Power max.; High edge



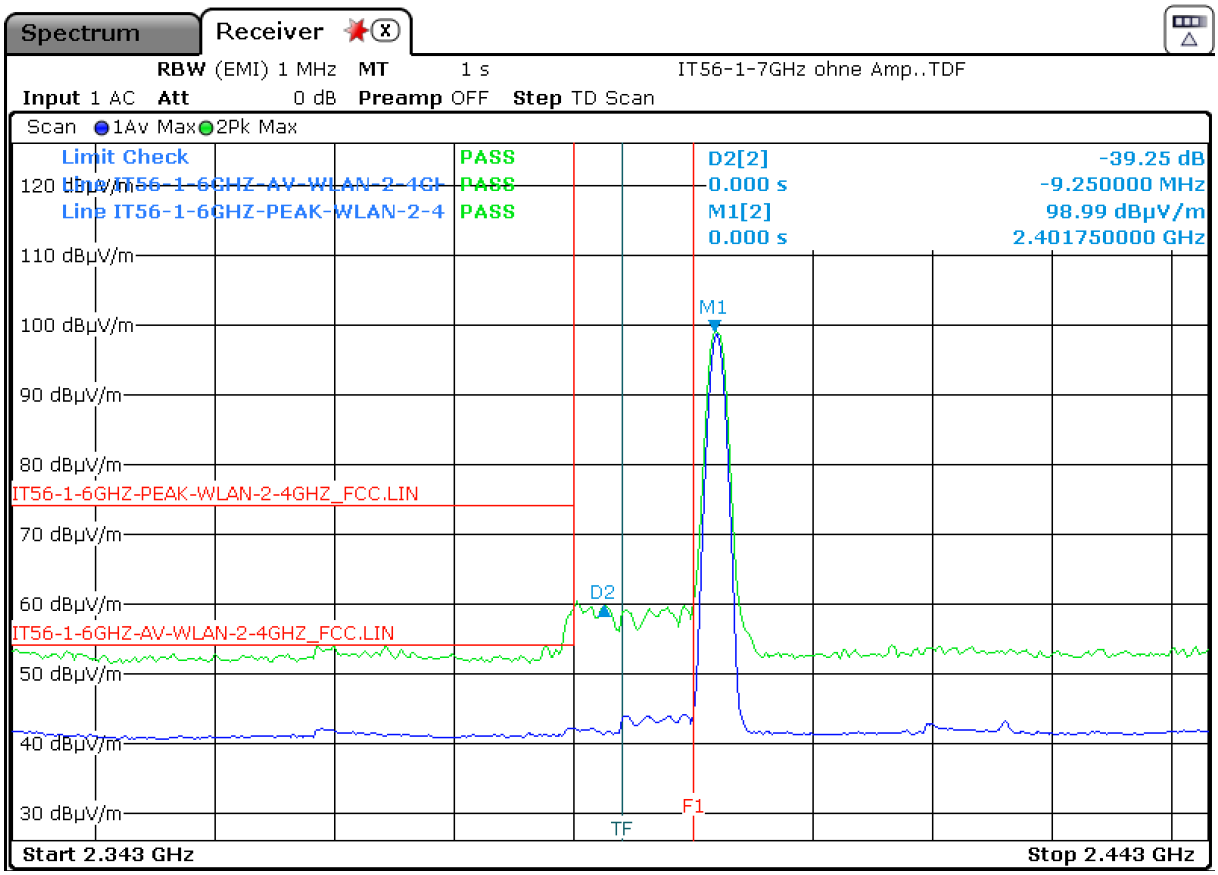
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; π/4DQPSK; CH.0; Power max.; Low edge



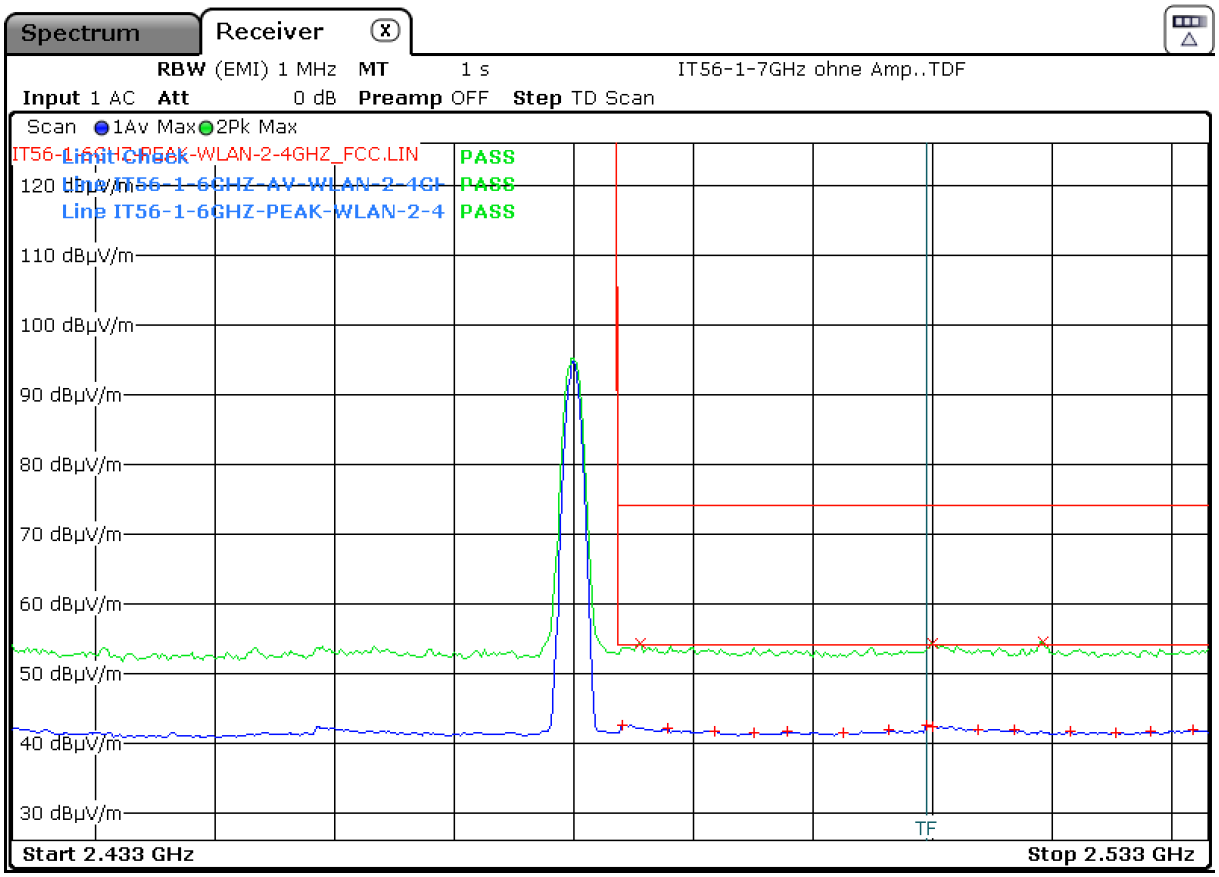
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; π/4DQPSK; CH.0; Power max.; Low edge



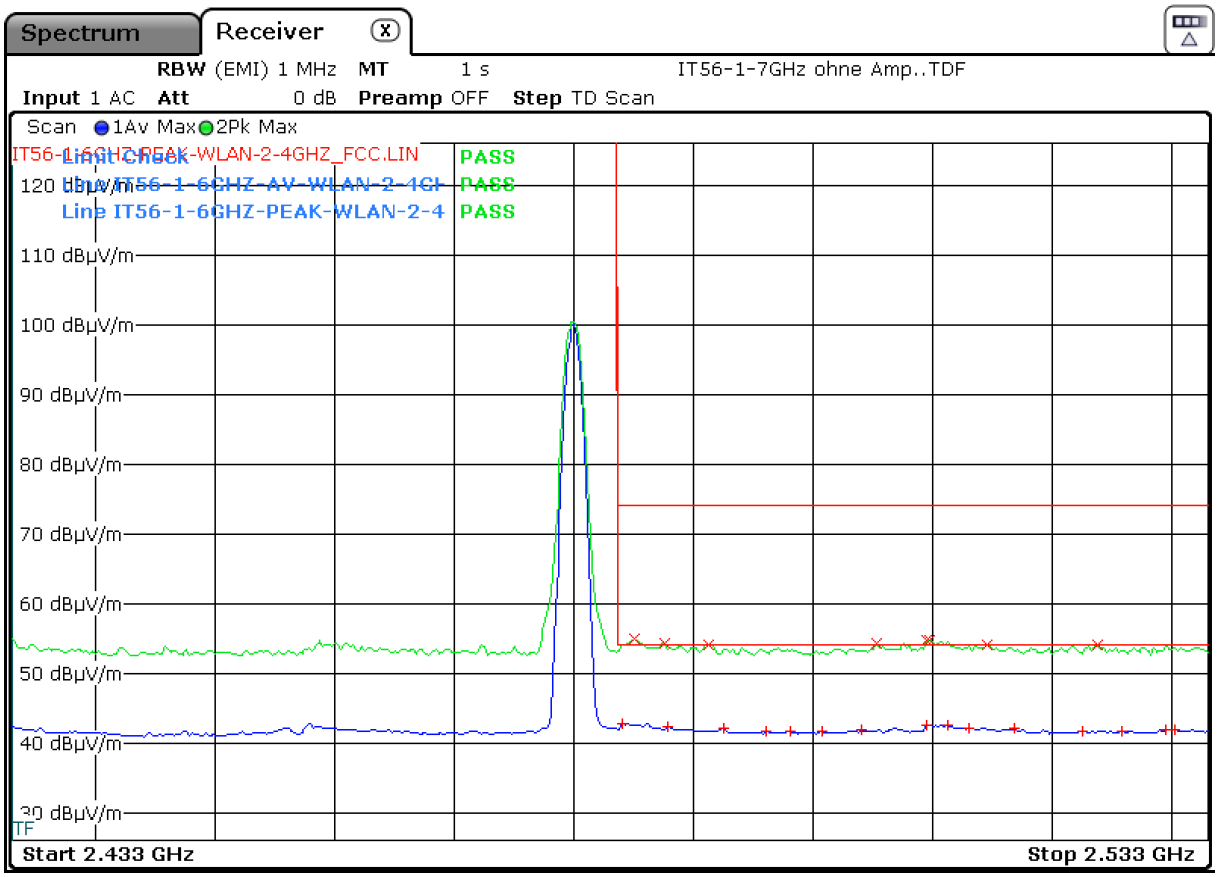
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; 8DPSK; CH.78; Power max.; High edge



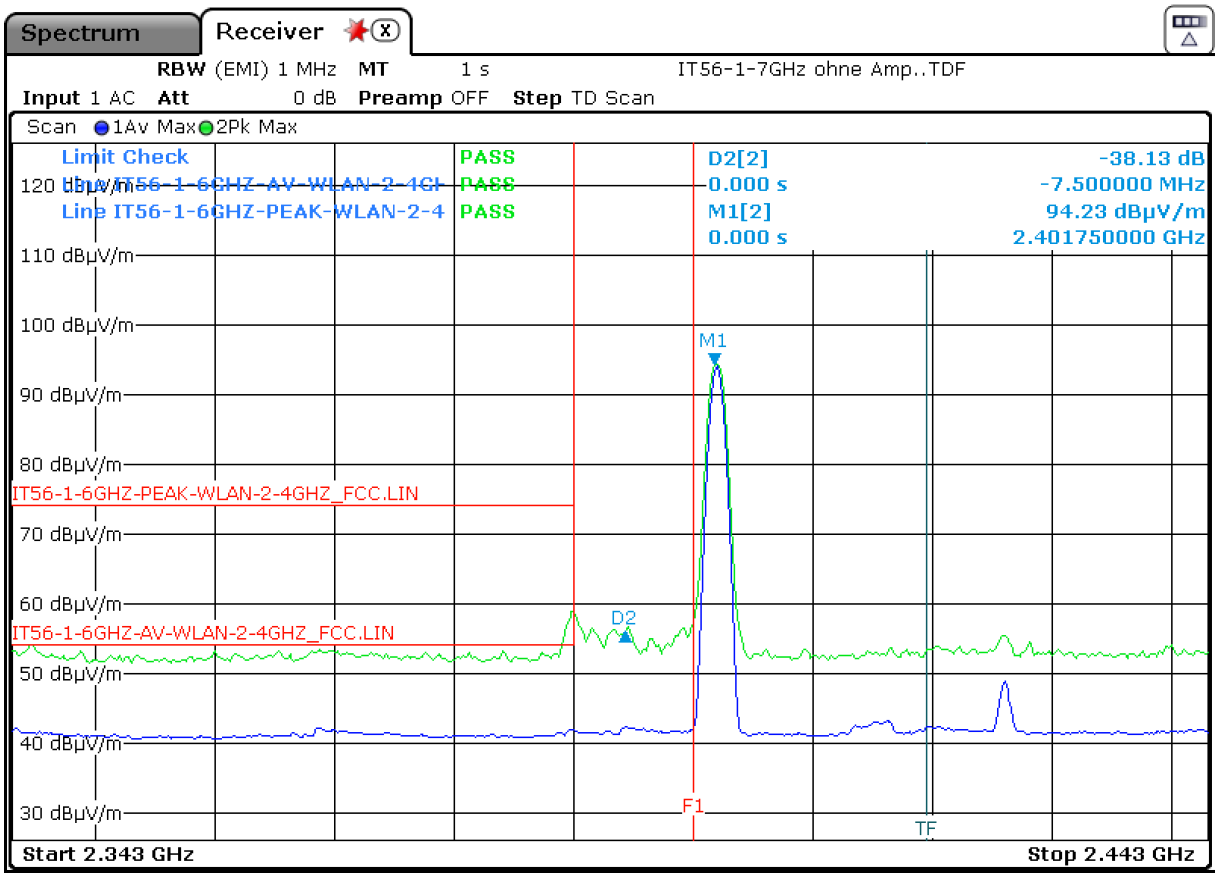
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; 8DPSK; CH.78; Power max.; High edge



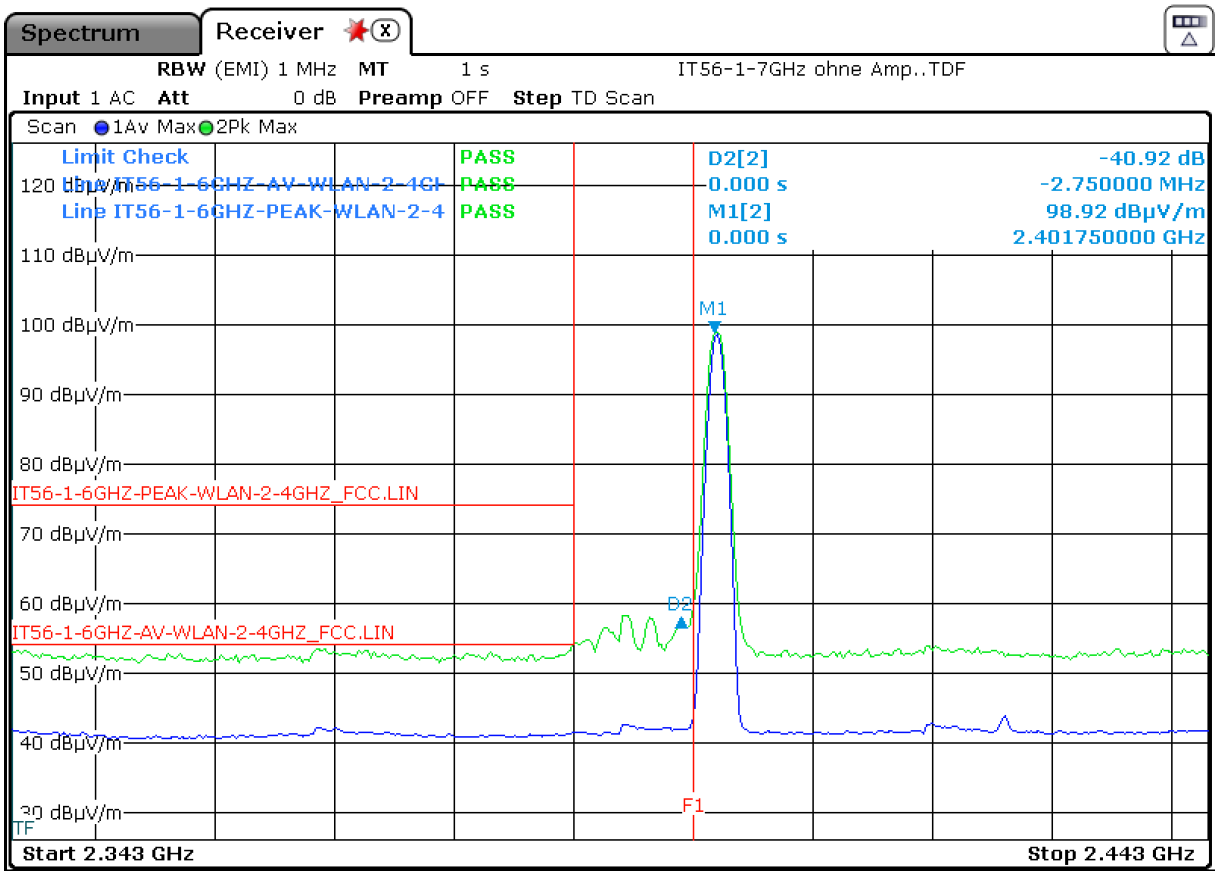
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; 8DPSK; CH.0; Power max.; Low edge



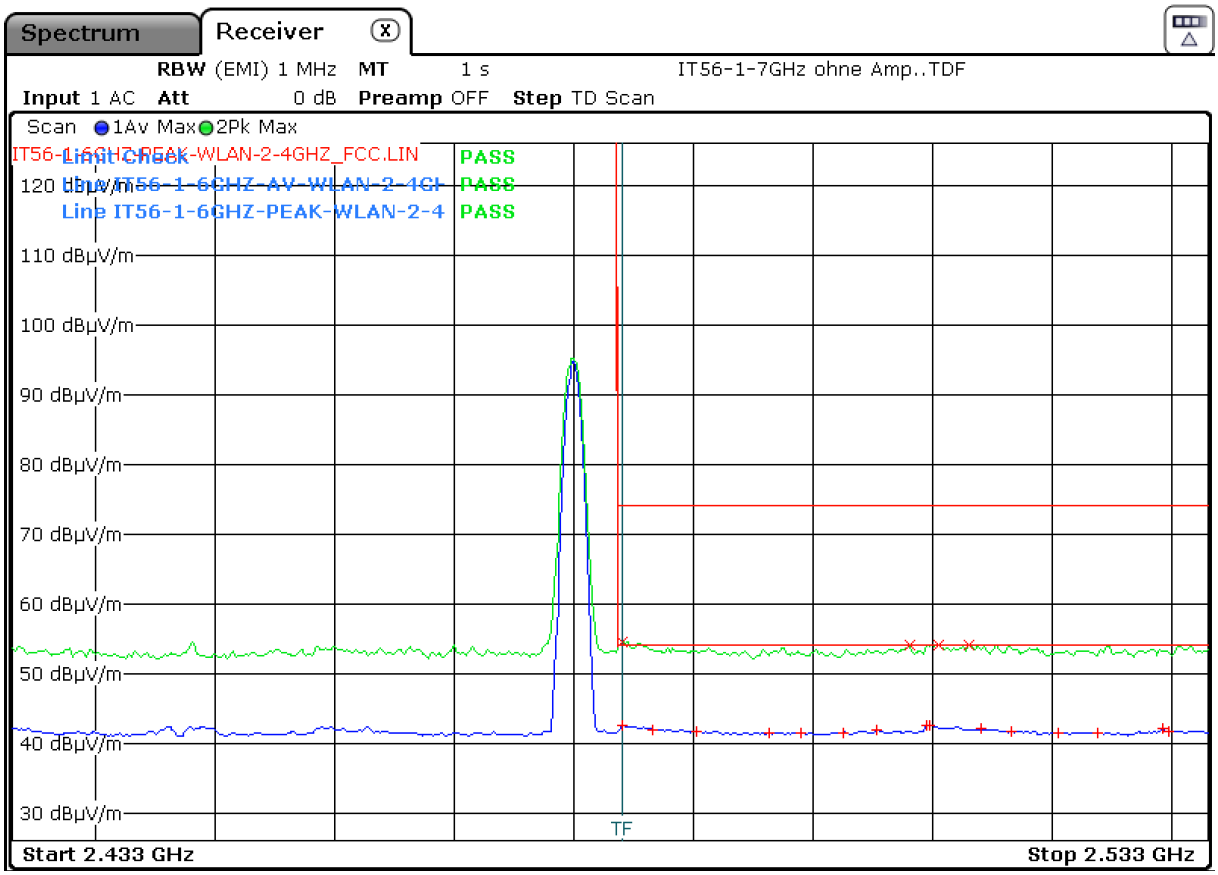
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; 8DPSK; CH.0; Power max.; Low edge



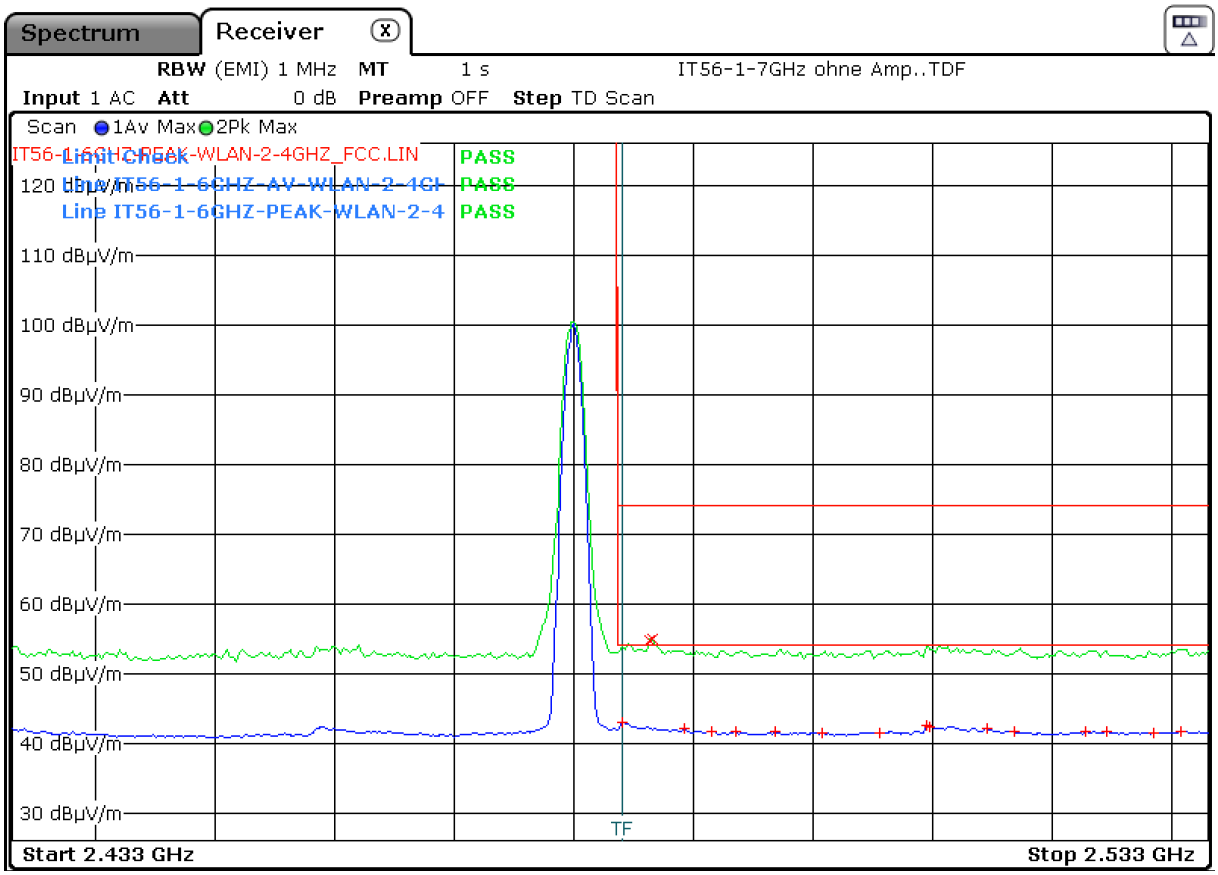
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT 8DPSK; CH.78; Power max.; High edge
Simultaneous Transmission with 5GHz con.to Active Speaker



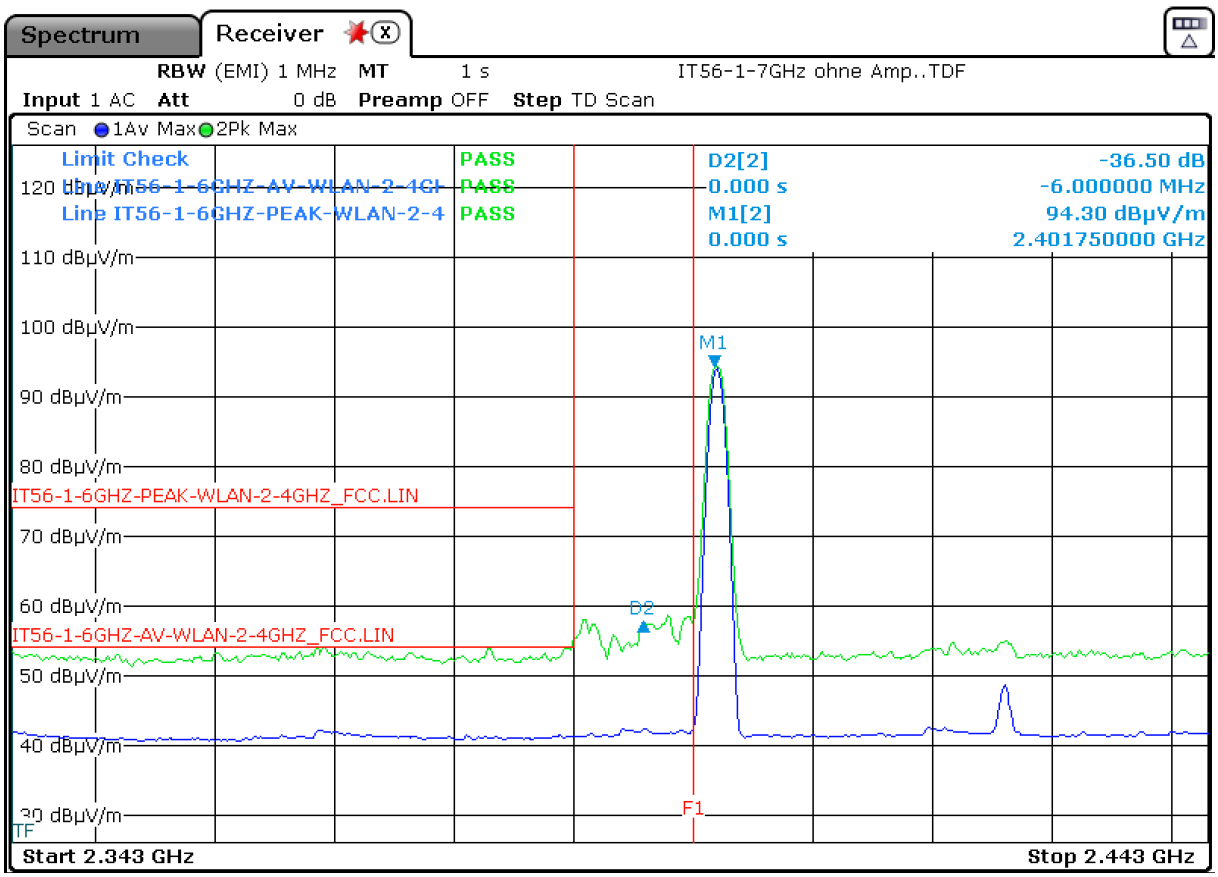
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT 8DPSK; CH.78; Power max.; High edge
Simultaneous Transmission with 5GHz con.to Active Speaker



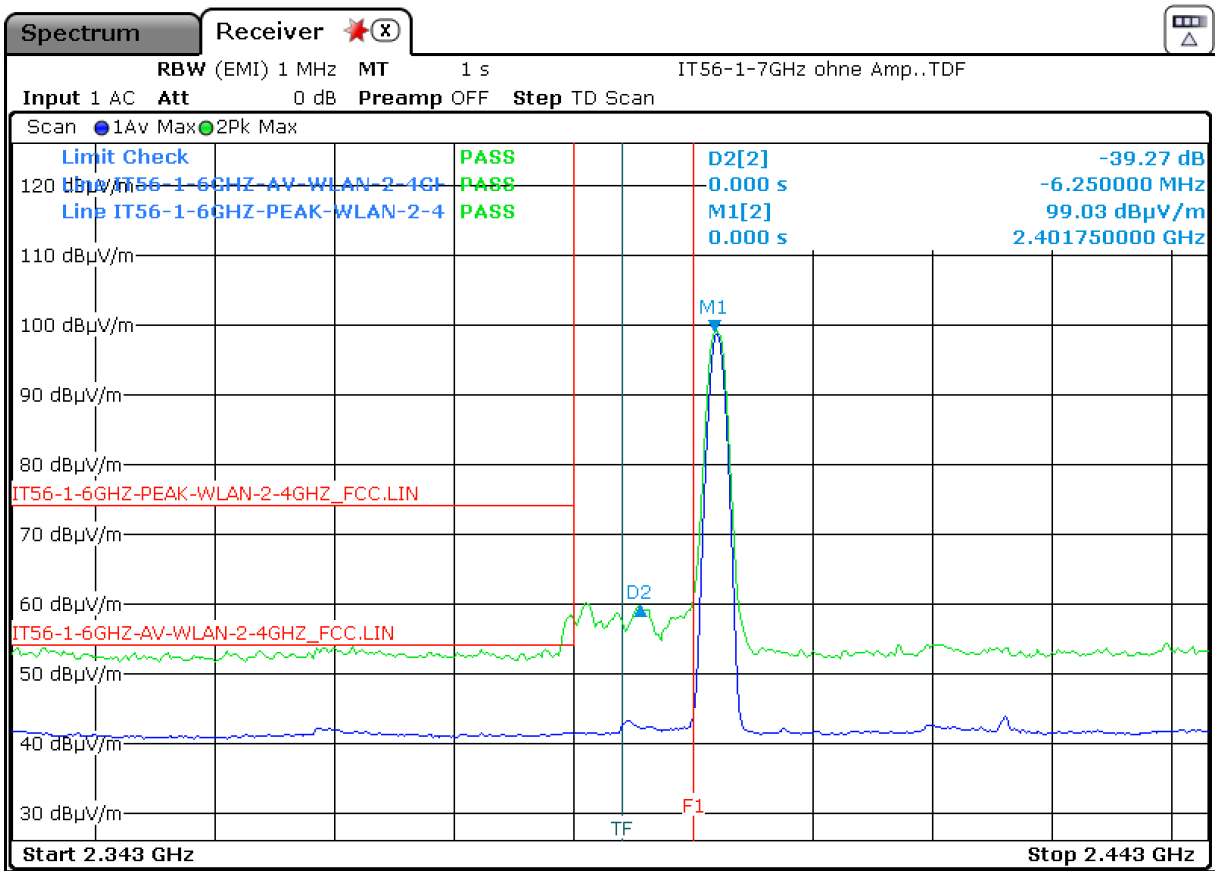
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT 8DPSK; CH.0; Power max.; Low edge
Simultaneous Transmission with 5GHz con.to Active Speaker



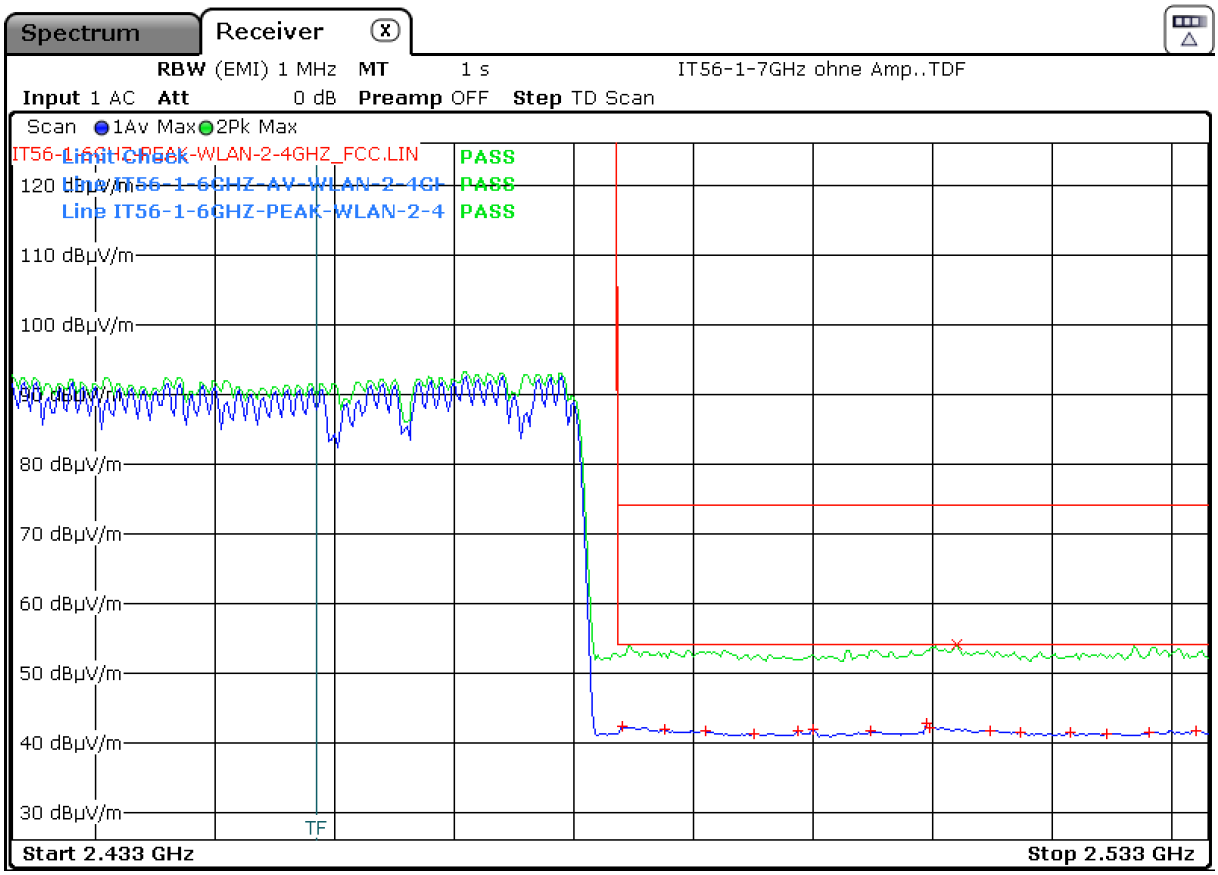
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT 8DPSK; CH.0; Power max.; Low edge
Simultaneous Transmission with 5GHz con.to Active Speaker



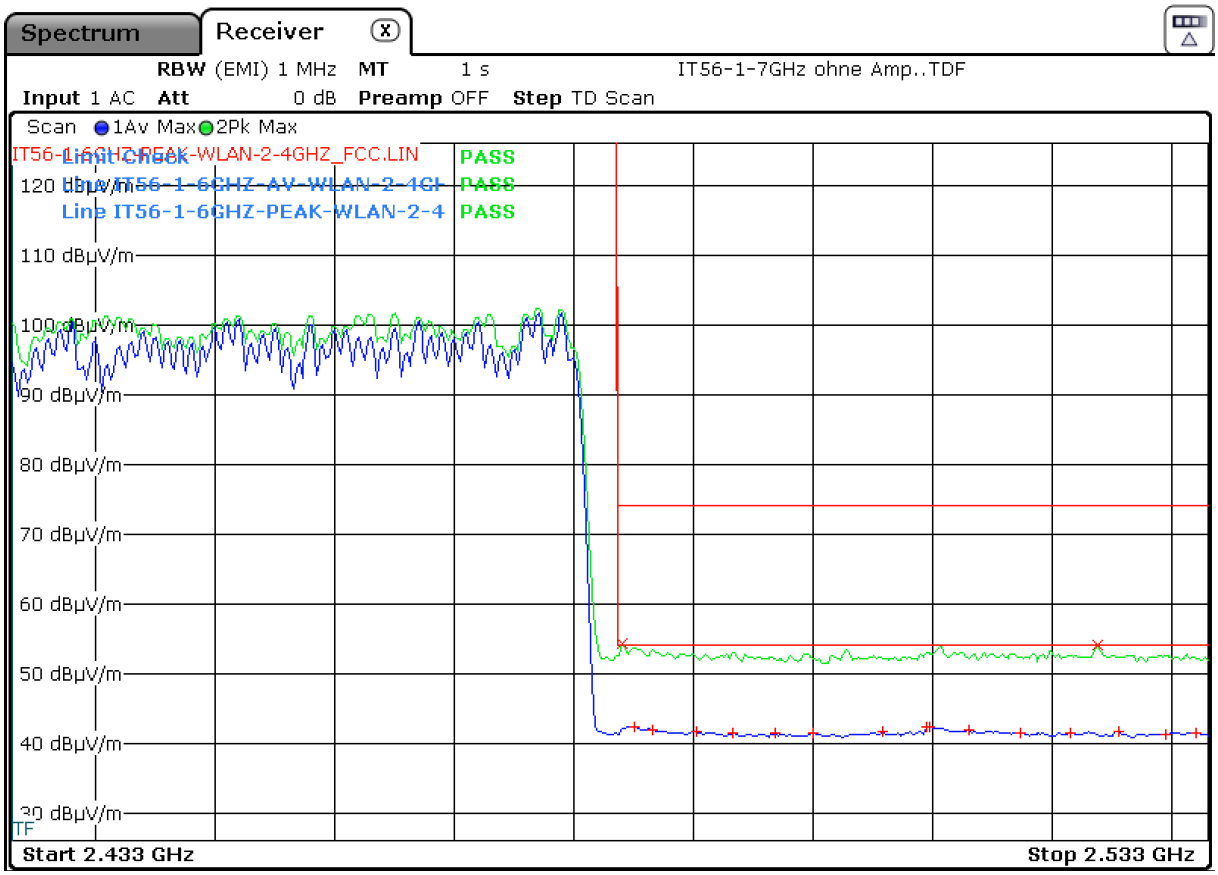
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; GFSK Hopping; Power max.; High edge



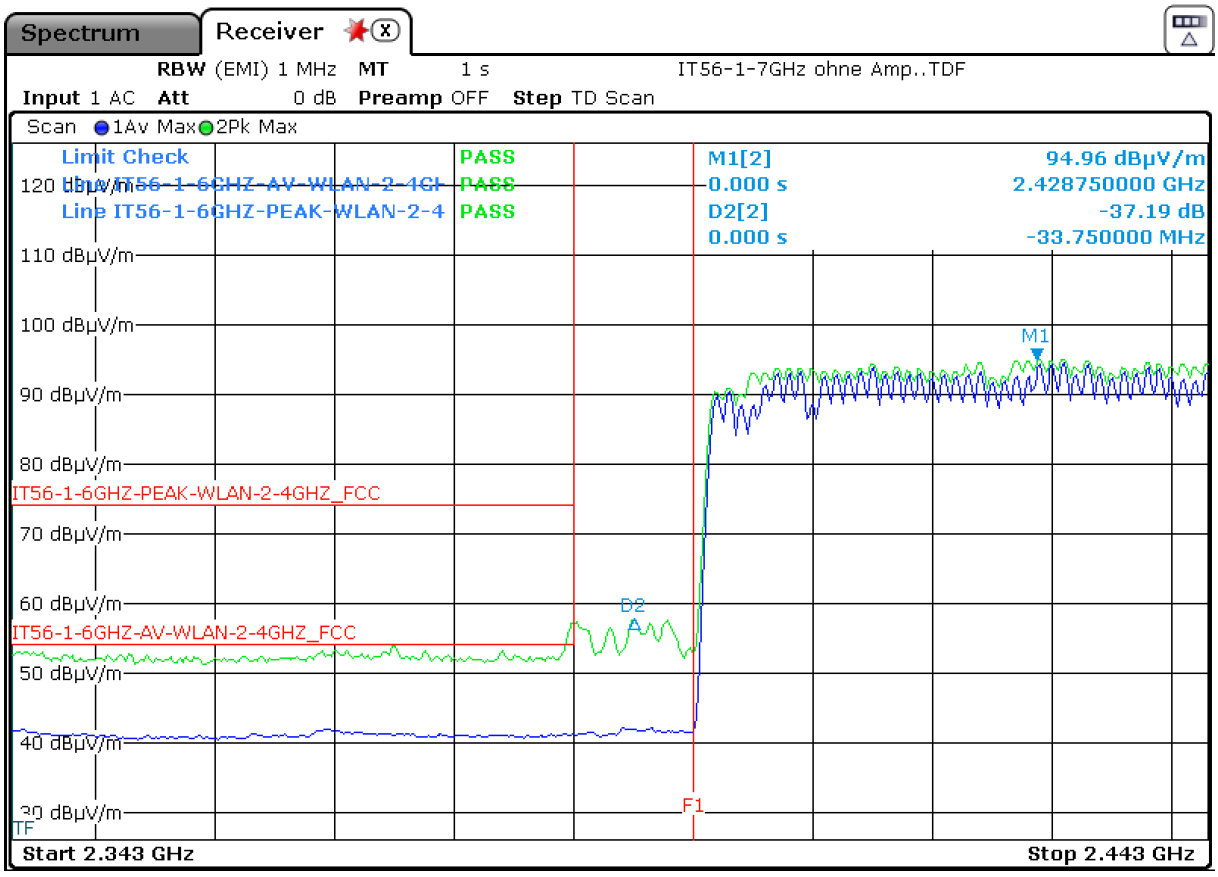
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; GFSK Hopping; Power max.; High edge



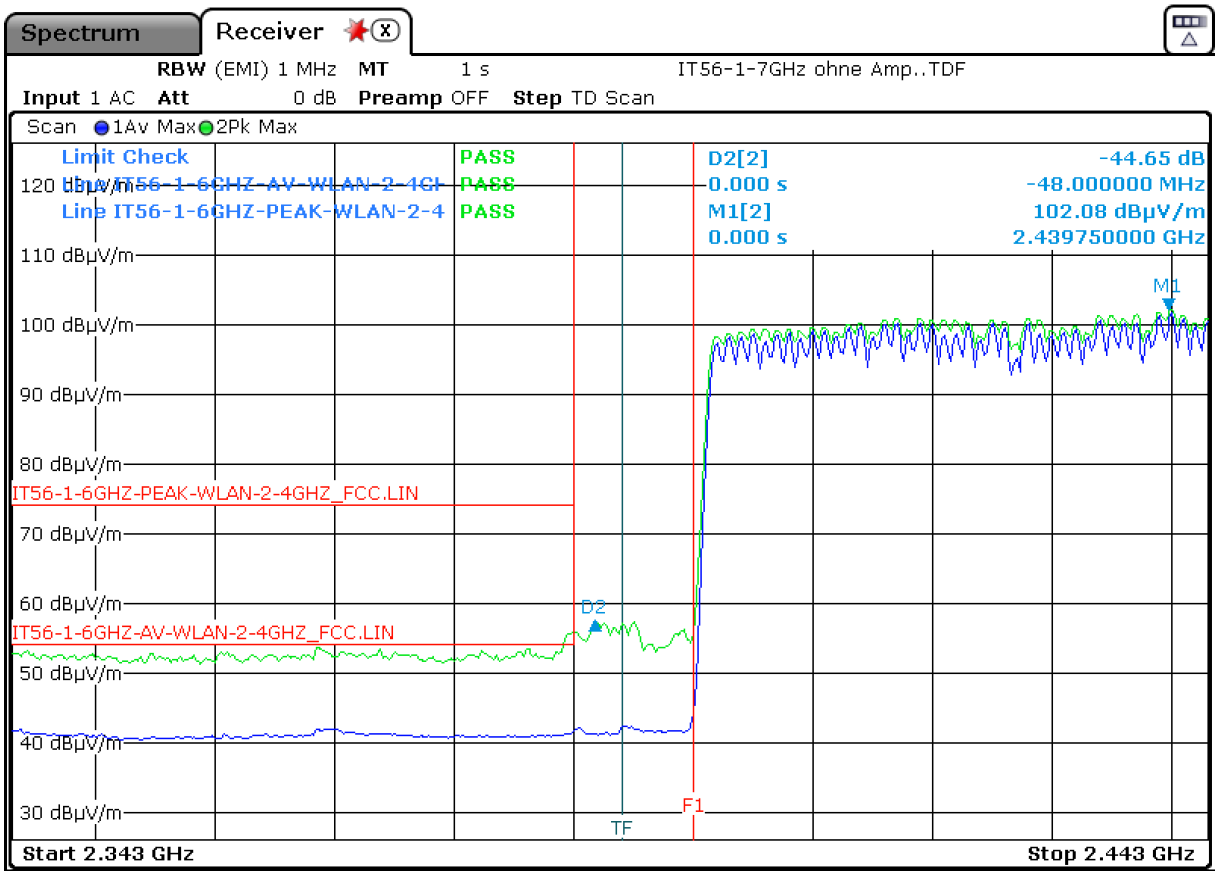
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; GFSK Hopping; Power max.; Low edge



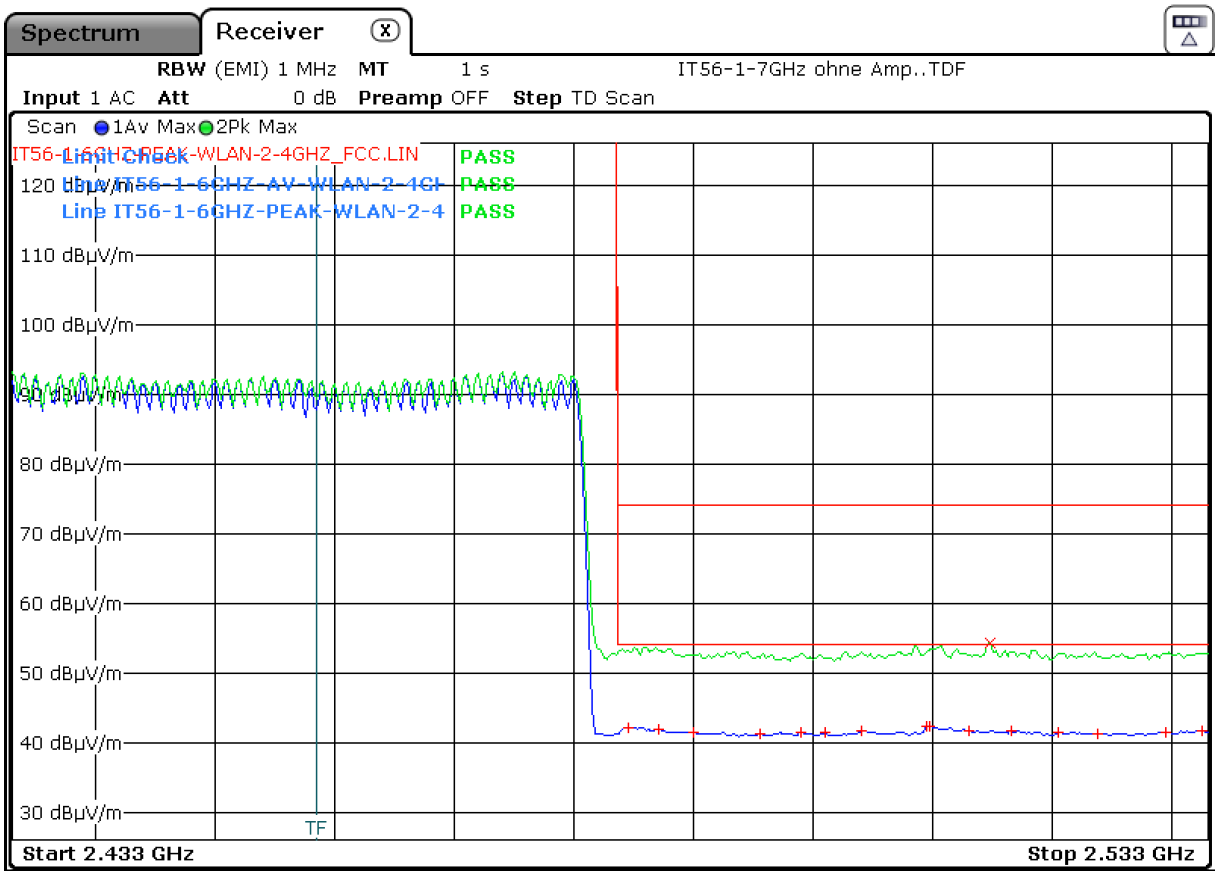
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; GFSK Hopping; Power max.; Low edge



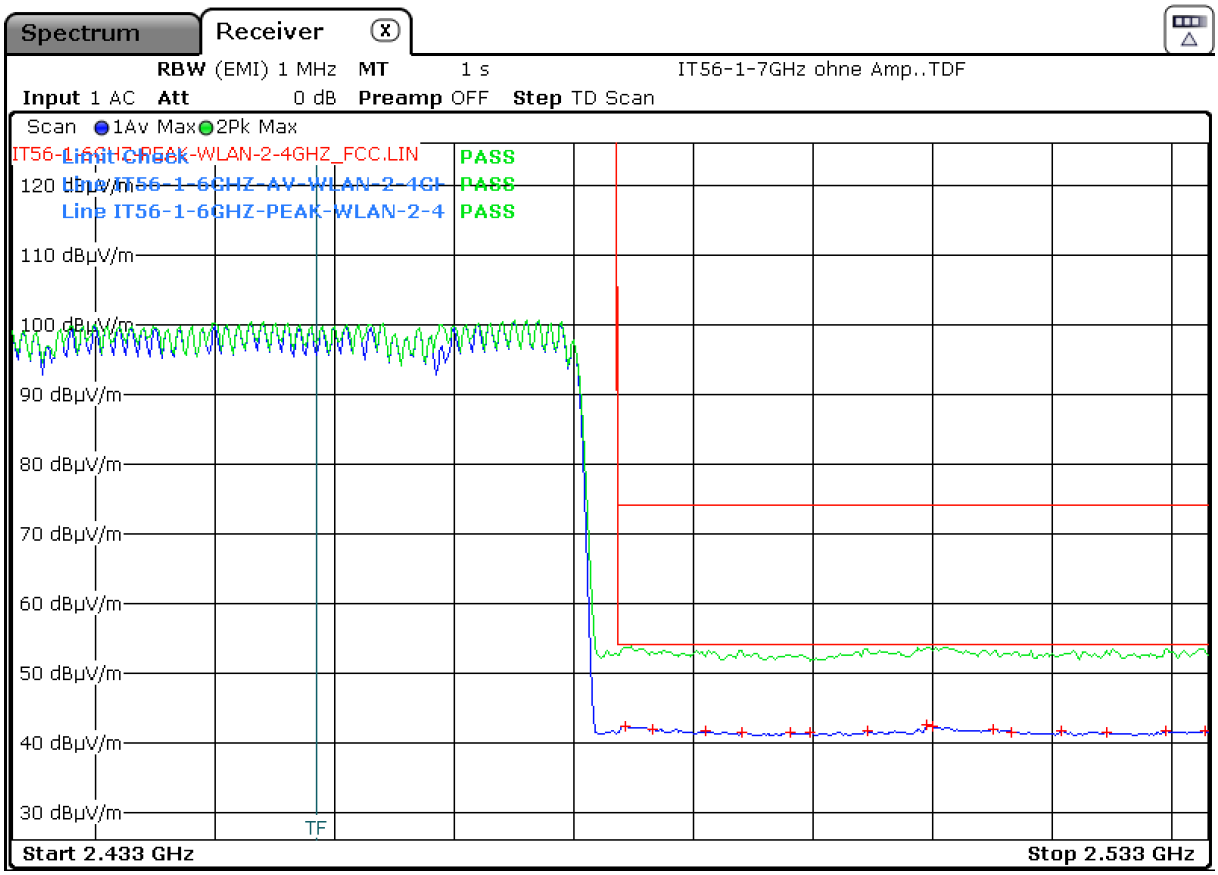
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; π/4DQPSK Hopping; Power max.; High edge



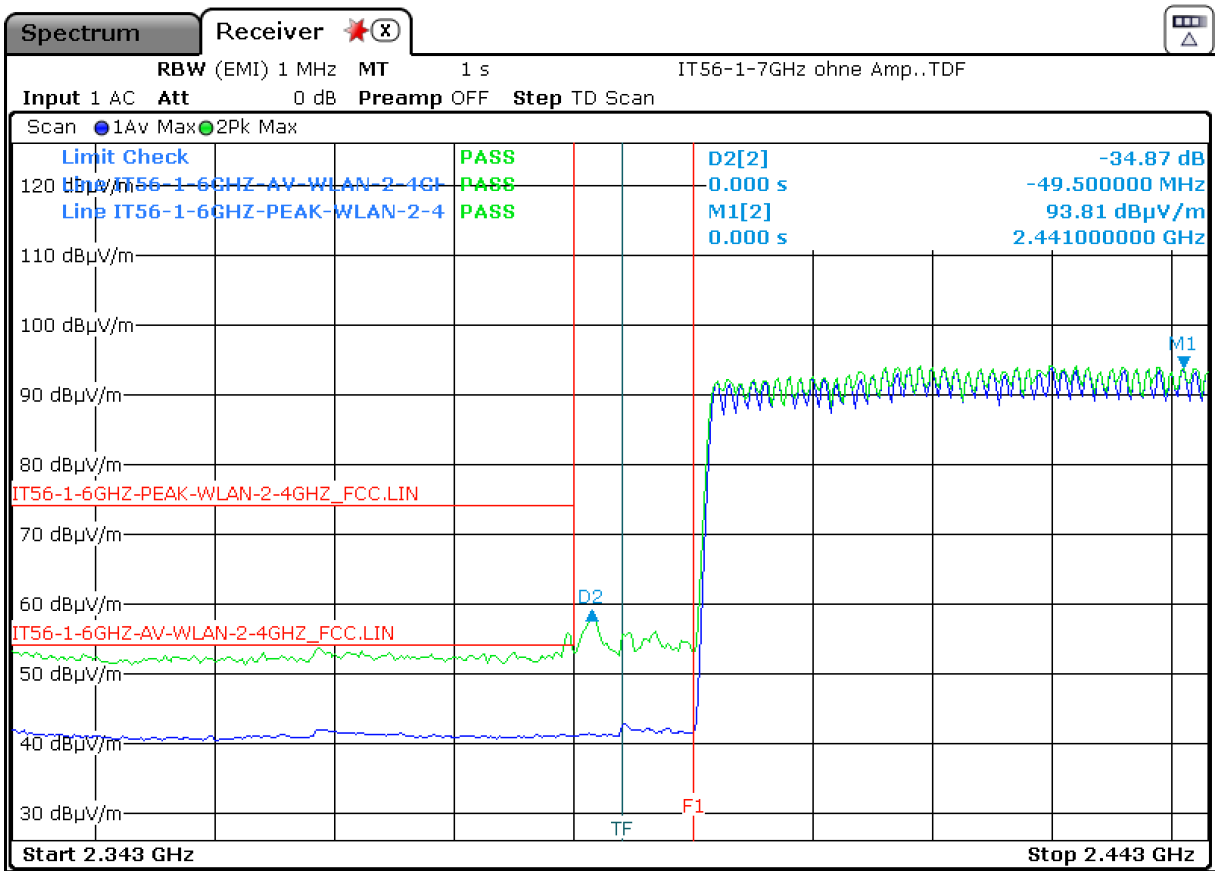
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; π/4DQPSK Hopping; Power max.; High edge



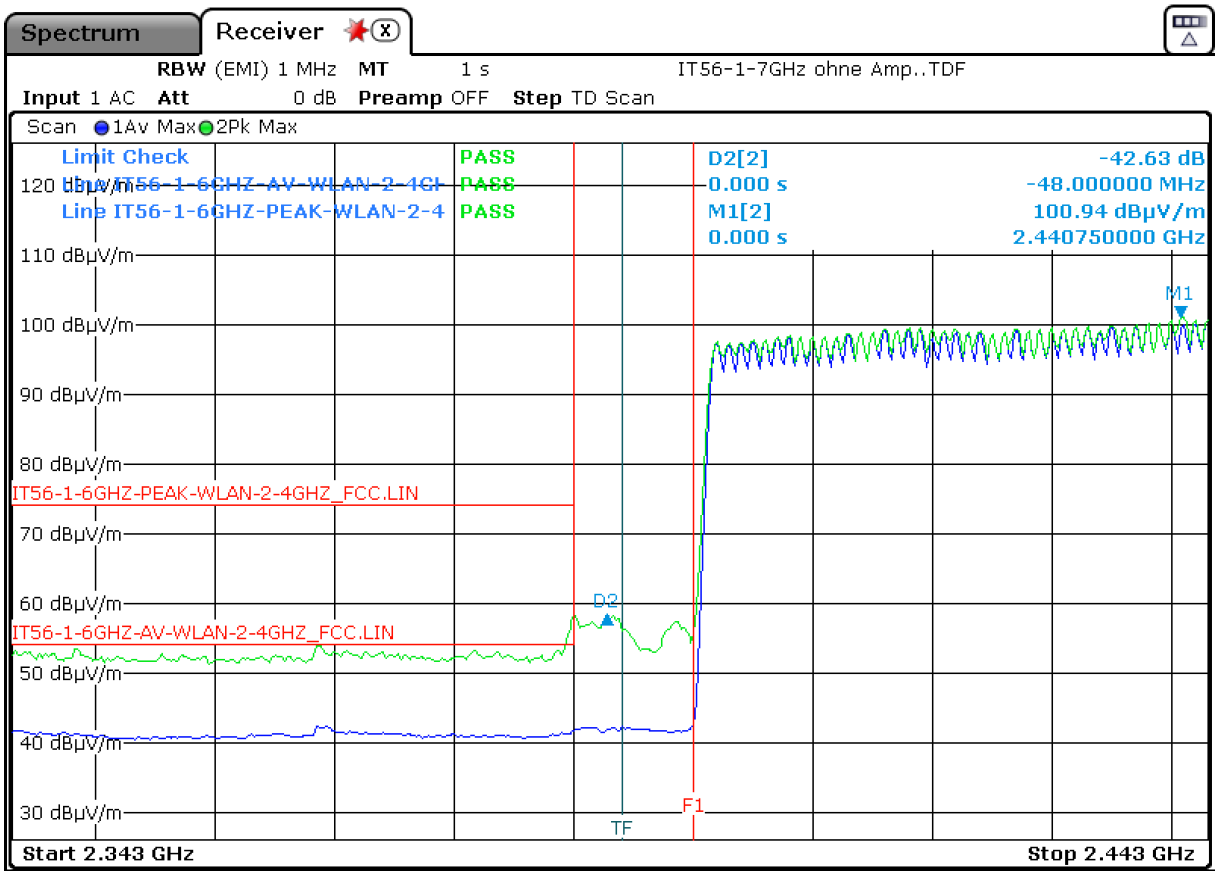
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; π/4DQPSK Hopping; Power max.; Low edge



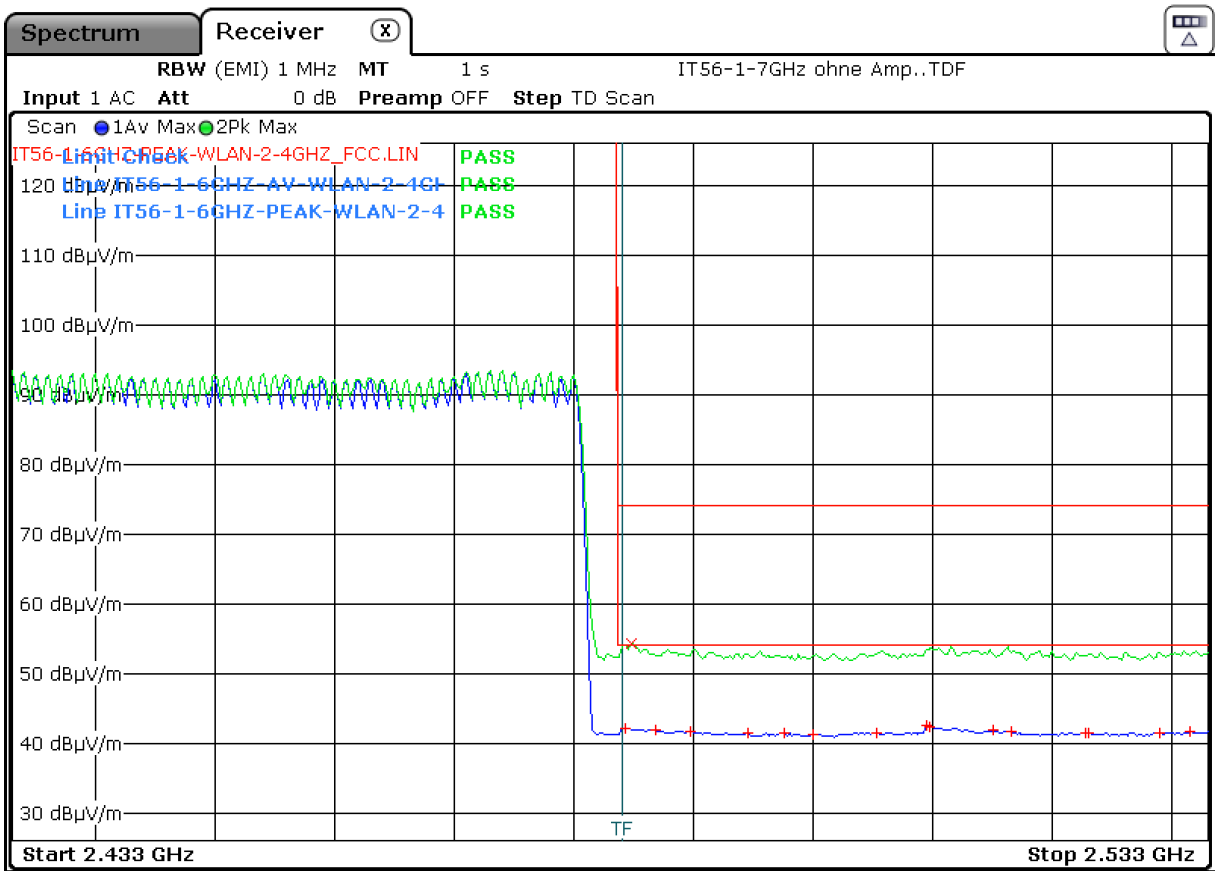
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; π/4DQPSK Hopping; Power max.; Low edge



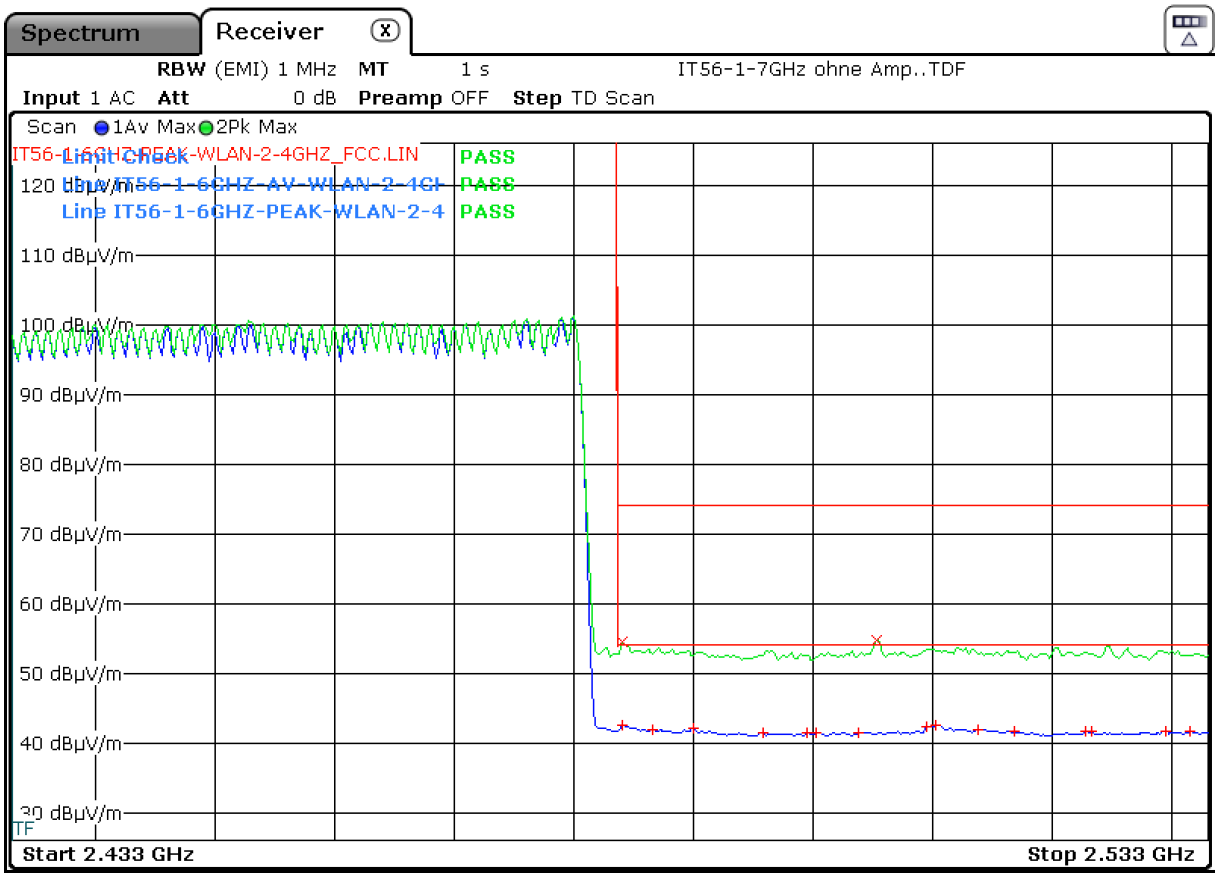
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; 8DPSK Hopping; Power max.; High edge



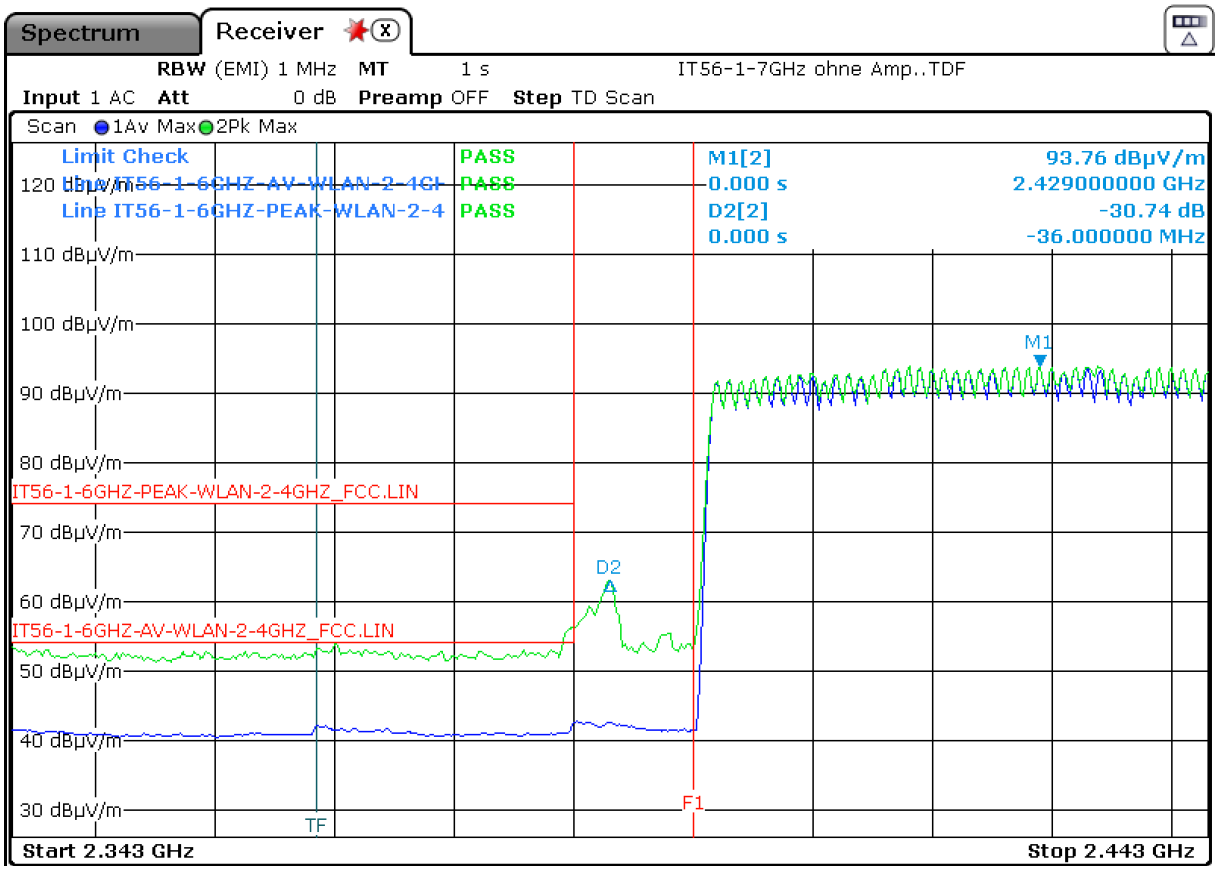
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; 8DPSK Hopping; Power max.; High edge



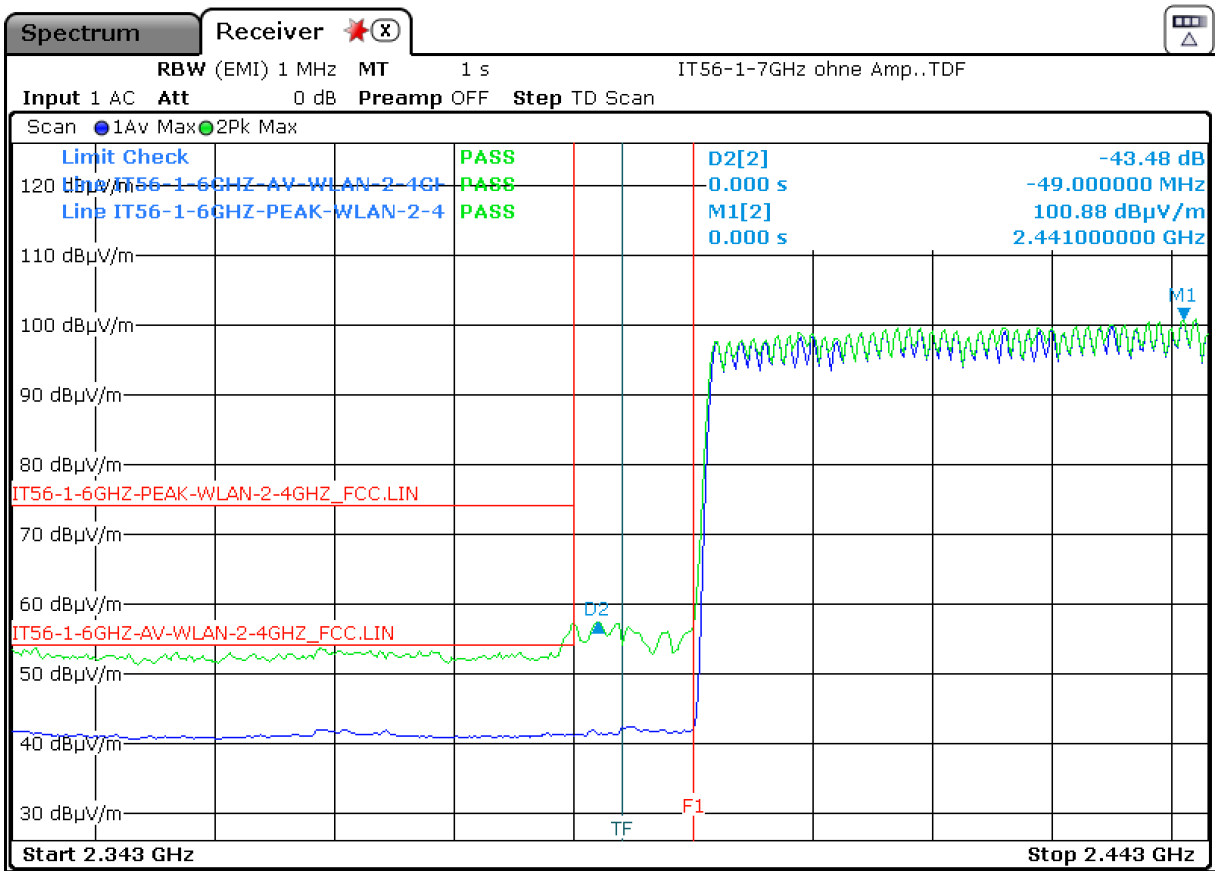
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; 8DPSK Hopping; Power max.; Low edge



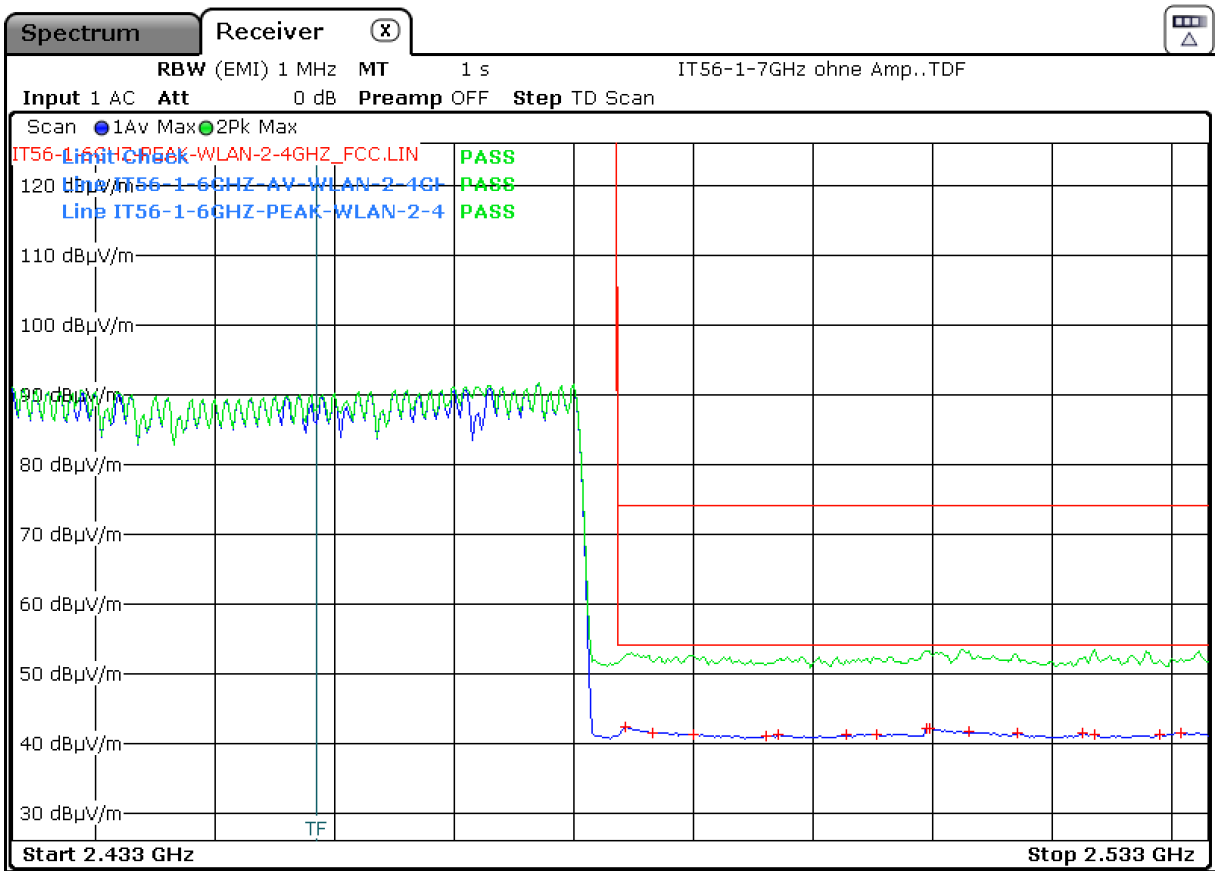
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT; 8DPSK Hopping; Power max.; Low edge



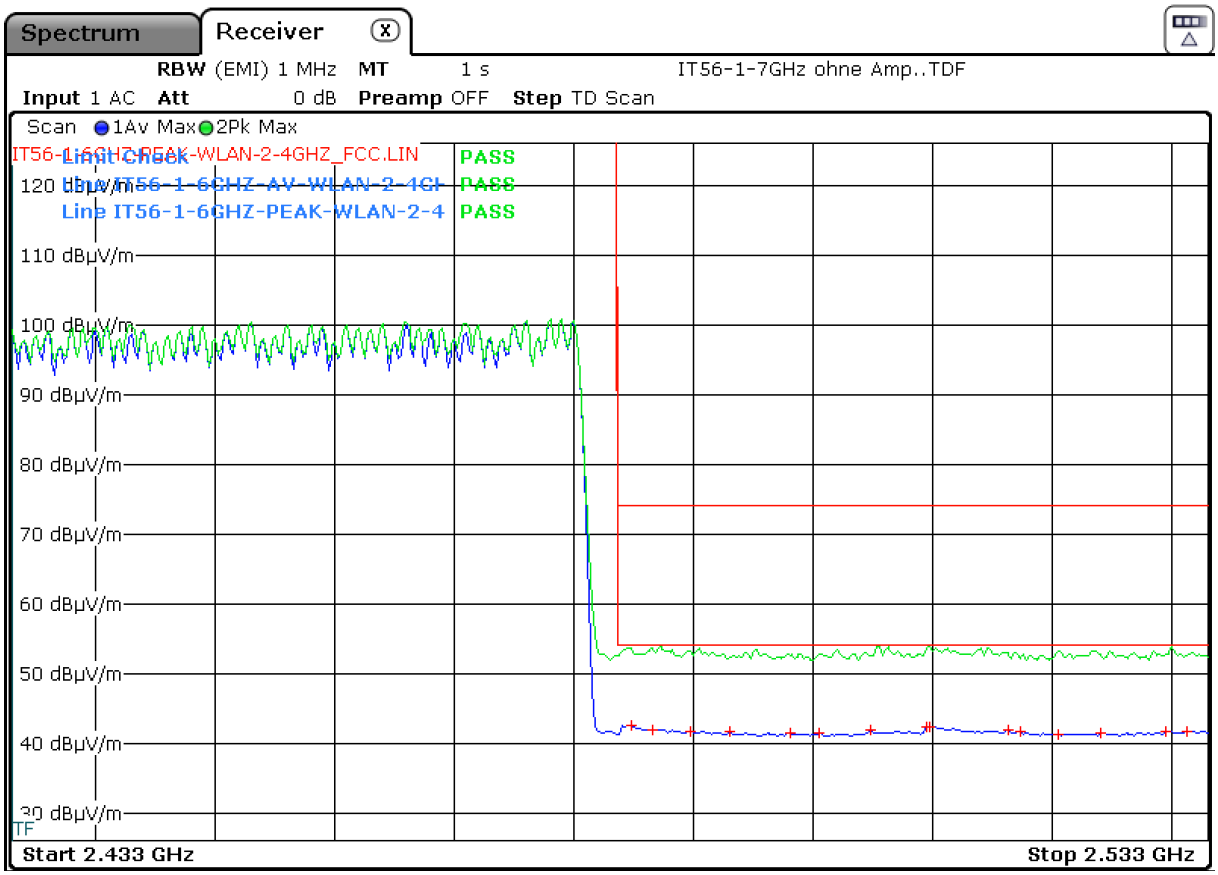
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT 8DPSK Hopping; Power max.; High edge
Simultaneous Transmission with 5GHz con.to Active Speaker



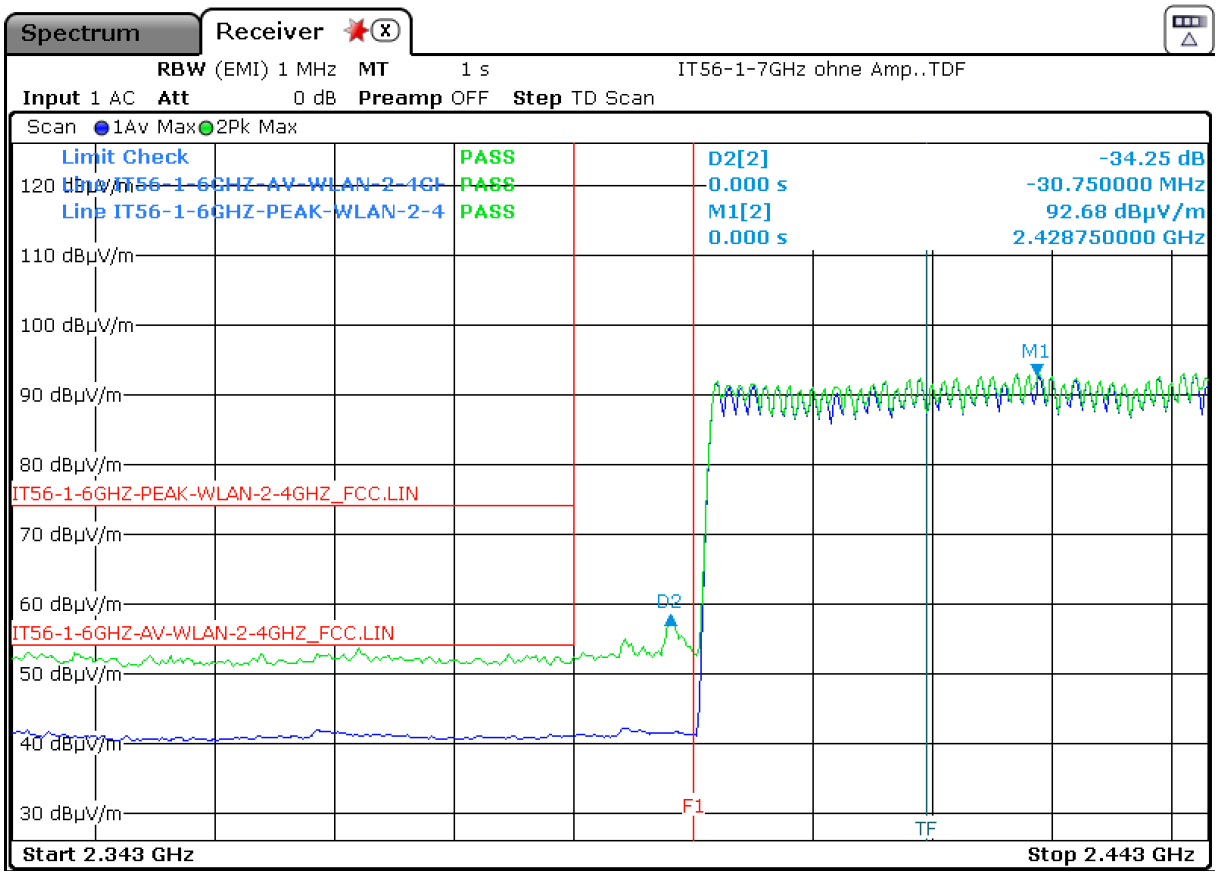
Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT 8DPSK Hopping; Power max.; High edge
Simultaneous Transmission with 5GHz con.to Active Speaker



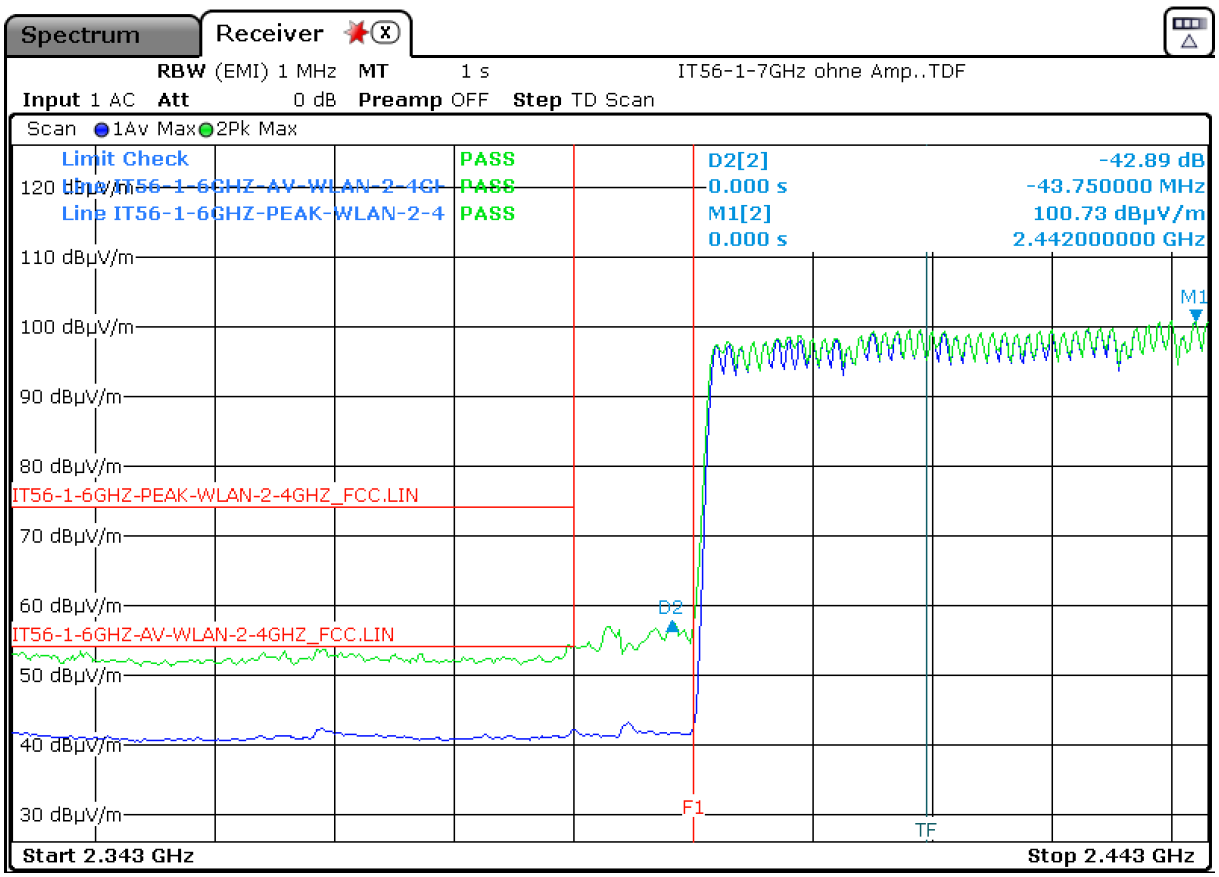
Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT 8DPSK Hopping; Power max.; Low edge
Simultaneous Transmission with 5GHz con.to Active Speaker



Polarisation: V									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Operation mode: BT 8DPSK Hopping; Power max.; Low edge
Simultaneous Transmission with 5GHz con.to Active Speaker



Polarisation: H									
Detector Average					Detector Peak				
Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result	Frequ. [GHz]	Level [dBµV/m]	Margin to Limit [dB]	Limit [dBµV/m]	Result
all emissions are 10dB below limit				pass	all emissions are 10dB below limit				pass

Results

From the measurement data obtained, the tested sample was considered to have **COMPLIED** with the requirements for the **Band Edges / Out of Band Emission**.